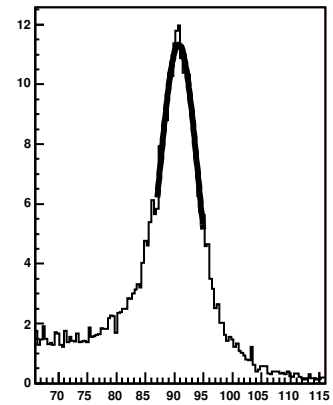
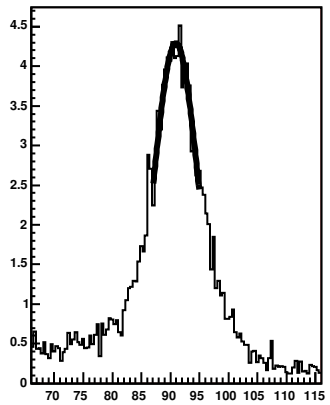
massplotst-individual dilmassTCE_TCE



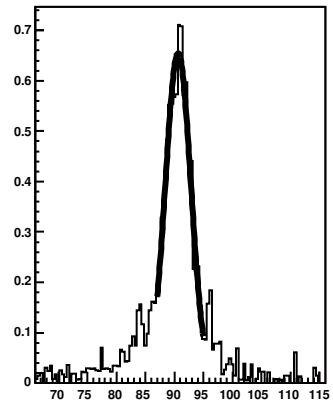
massplotst-individual dilmassTCE_TCE
integral
3.425743e+02
peak integral from gaussian
2.299501e+02
peak integral error from gaussian
6.742986e+00
Integral 66-116
6.298361e+02
Integral 66-116 Error
2.860464e+01
mean from gaussian
9.072776e+01
mean error from gaussian
5.550846e-02
sigma from gaussian
3.368292e+00
sigma error from gaussian
8.549013e-02

massplotst-individual dilmassTCE_PHX



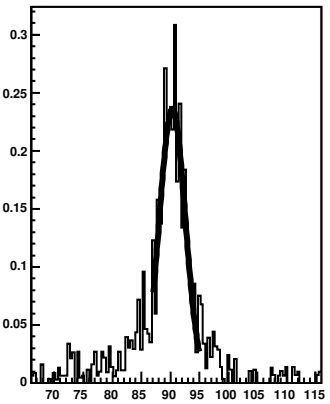
massplotst-individual dilmassTCE_PHX
integral
1.422138e+02
peak integral from gaussian
9.793042e+01
peak integral error from gaussian
5.386558e+00
Integral 66-116
1.697197e+02
Integral 66-116 Error
1.775790e+01
mean from gaussian
9.094503e+01
mean error from gaussian
1.086640e-01
sigma from gaussian
3.790453e+00
sigma error from gaussian
1.879927e-01

massplotst-individual dilmassCMUP_CMUP



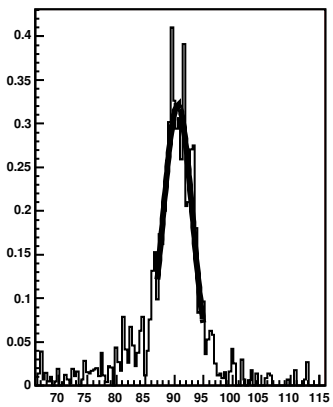
massplotst-individual dilmassCMUP_CMUP
integral
1.188513e+01
peak integral from gaussian
8.648361e+00
peak integral error from gaussian
5.586625e-01
Integral 66-116
1.397895e+01
Integral 66-116 Error
2.858715e+00
mean from gaussian
9.062232e+01
mean error from gaussian
9.317673e-02
sigma from gaussian
2.194490e+00
sigma error from gaussian
9.306792e-02

massplotst-individual dilmassCMUP_CMU



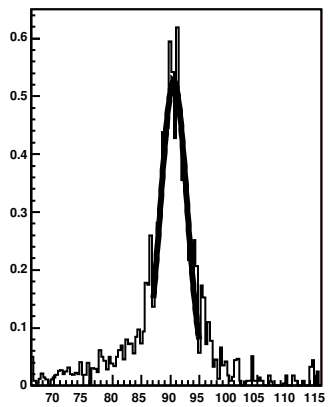
massplotst-individual dilmassCMUP_CMU
integral
4.533647e+00
peak integral from gaussian
3.154668e+00
peak integral error from gaussian
3.373334e-01
Integral 66-116
4.793987e+00
Integral 66-116 Error
1.616035e+00
mean from gaussian
9.033564e+01
mean error from gaussian
1.590742e-01
sigma from gaussian
2.219229e+00
sigma error from gaussian
1.627188e-01

massplotst-individual dilmassCMUP_CMP



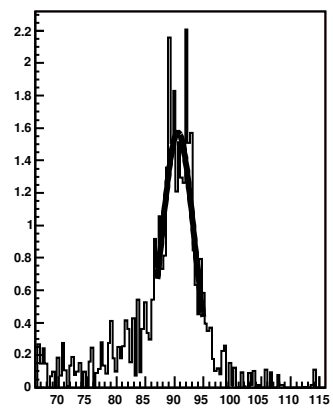
massplotst-individual dilmassCMUP_CMP
integral
6.507615e+00
peak integral from gaussian
4.896559e+00
peak integral error from gaussian
5.029429e-01
Integral 66-116
7.338163e+00
Integral 66-116 Error
2.221886e+00
mean from gaussian
9.057317e+01
mean error from gaussian
1.745287e-01
sigma from gaussian
2.534904e+00
sigma error from gaussian
1.902717e-01

massplotst-individual dilmassCMUP_CMX



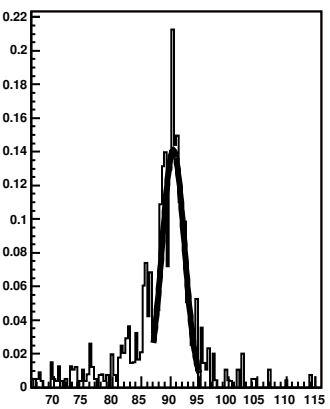
massplotst-individual dilmassCMUP_CMX
integral
1.048379e+01
peak integral from gaussian
7.121344e+00
peak integral error from gaussian
4.955477e-01
Integral 66-116
1.143870e+01
Integral 66-116 Error
2.689346e+00
mean from gaussian
9.058883e+01
mean error from gaussian
1.034732e-01
sigma from gaussian
2.250400e+00
sigma error from gaussian
1.013129e-01

massplotst-individual dilmassCMUP_CMIO



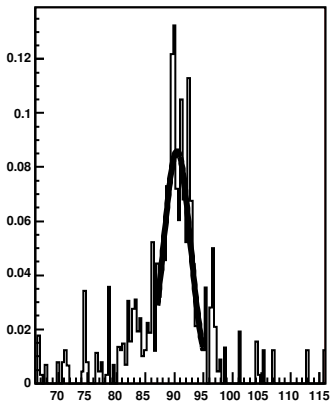
massplotst-individual dilmassCMUP_CMIO
integral
3.736742e+01
peak integral from gaussian
2.580460e+01
peak integral error from gaussian
3.416110e+00
Integral 66-116
4.720395e+01
Integral 66-116 Error
1.457670e+01
mean from gaussian
9.059966e+01
mean error from gaussian
2.273052e-01
sigma from gaussian
2.725652e+00
sigma error from gaussian
2.816453e-01

massplotst-individual dilmassCMX_CMX



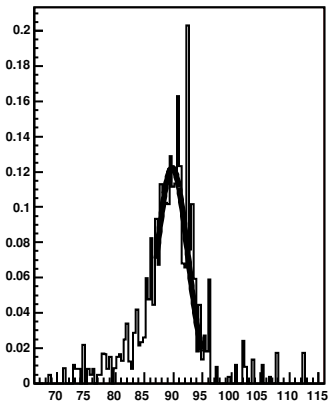
massplotst-individual dilmassCMX_CMX
integral
2.613345e+00
peak integral from gaussian
1.606348e+00
peak integral error from gaussian
2.380406e-01
Integral 66-116
3.651754e+00
Integral 66-116 Error
1.235545e+00
mean from gaussian
9.050001e+01
mean error from gaussian
1.751914e-01
sigma from gaussian
1.893387e+00
sigma error from gaussian
1.801992e-01

massplotst-individual dilmassCMX_CMU



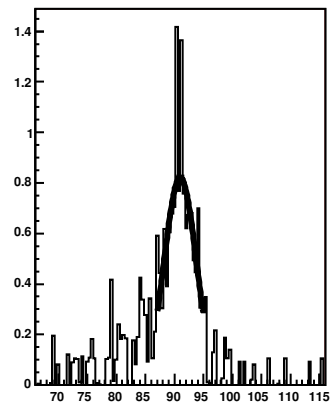
massplotst-individual dilmassCMX_CMU
integral
1.970879e+00
peak integral from gaussian
-1.188738e+00
peak integral error from gaussian
-2.224428e-01
Integral 66-116
2.067531e+00
Integral 66-116 Error
1.066690e+00
mean from gaussian
9.043738e+01
mean error from gaussian
2.854276e-01
sigma from gaussian
-2.296630e+00
sigma error from gaussian
3.027150e-01

massplotst-individual dilmassCMX_CMP



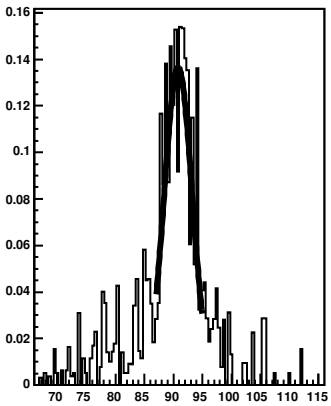
massplotst-individual dilmassCMX_CMP
integral
2.756170e+00
peak integral from gaussian
1.945191e+00
peak integral error from gaussian
3.583183e-01
Integral 66-116
2.956806e+00
Integral 66-116 Error
1.337532e+00
mean from gaussian
8.980251e+01
mean error from gaussian
4.305083e-01
sigma from gaussian
2.643944e+00
sigma error from gaussian
3.828473e-01

massplotst-individual dilmassCMX_CMIO



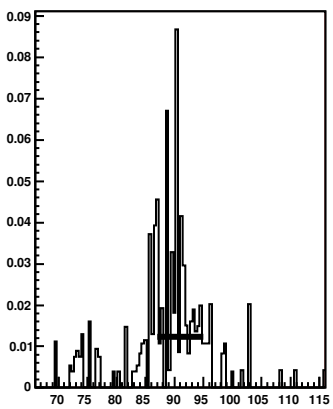
massplotst-individual dilmassCMX_CMIO
integral
1.986232e+01
peak integral from gaussian
1.358576e+01
peak integral error from gaussian
2.944621e+00
Integral 66-116
2.693723e+01
Integral 66-116 Error
1.092781e+01
mean from gaussian
9.098751e+01
mean error from gaussian
3.342627e-01
sigma from gaussian
2.746363e+00
sigma error from gaussian
4.713497e-01

massplotst-individual dilmassCMUP_BMU



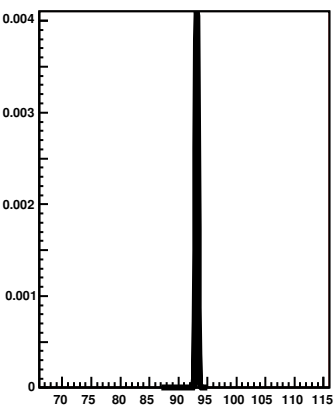
massplotst-individual dilmassCMUP_BMU
integral
3.140978e+00
peak integral from gaussian
-1.965269e+00
peak integral error from gaussian
-2.790784e-01
Integral 66-116
3.358915e+00
Integral 66-116 Error
1.393730e+00
mean from gaussian
9.082441e+01
mean error from gaussian
2.169234e-01
sigma from gaussian
-2.390814e+00
sigma error from gaussian
2.273963e-01

massplotst-individual dilmassCMX_BMU



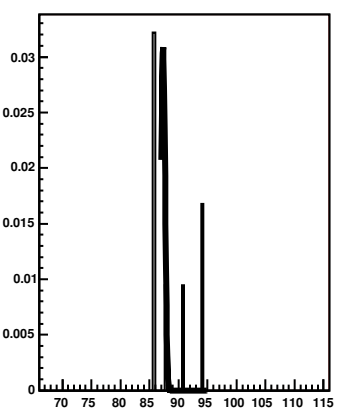
massplotst-individual dilmassCMX_BMU
integral
8.303925e-01
peak integral from gaussian
8.171527e+07
peak integral error from gaussian
5.268734e+08
Integral 66-116
9.067715e-01
Integral 66-116 Error
5.658415e-01
mean from gaussian
-5.537352e+08
mean error from gaussian
3.254426e+09
sigma from gaussian
9.217976e+08
sigma error from gaussian
5.417035e+09

massplotst-individual dilmassBMU_CMU



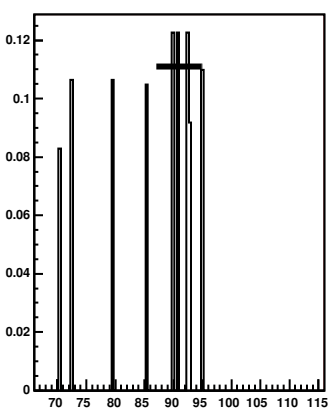
massplotst-individual dilmassBMU_CMU
integral
3.904329e-03
peak integral from gaussian
5.493236e-03
peak integral error from gaussian
1.508051e-01
Integral 66-116
3.904329e-03
Integral 66-116 Error
3.904329e-03
mean from gaussian
9.316952e+01
mean error from gaussian
3.178246e+00
sigma from gaussian
1.899292e-01
sigma error from gaussian
4.383254e+00

massplotst-individual dilmassBMU_CMP



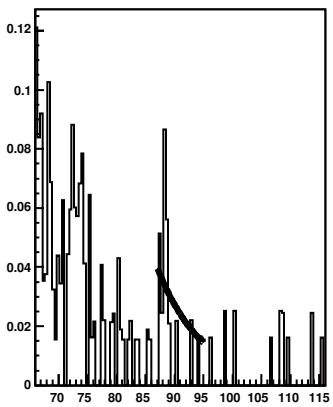
massplotst-individual dilmassBMU_CMP
integral
6.787717e-02
peak integral from gaussian
6.393087e-02
peak integral error from gaussian
1.006505e+00
Integral 66-116
8.464184e-02
Integral 66-116 Error
7.522781e-02
mean from gaussian
8.734652e+01
mean error from gaussian
2.882460e+00
sigma from gaussian
3.432960e-01
sigma error from gaussian
1.778704e+00

massplotst-individual dilmassBMU_CMIO



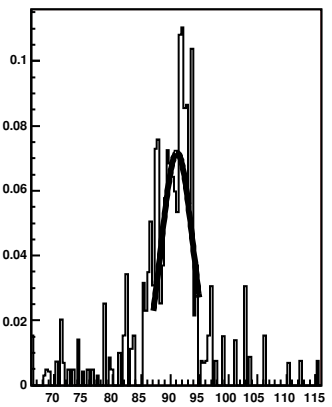
massplotst-individual dilmassBMU_CMIO
integral
9.703695e-01
peak integral from gaussian
2.890170e+08
peak integral error from gaussian
1.524424e+10
Integral 66-116
9.703695e-01
Integral 66-116 Error
9.703695e-01
mean from gaussian
9.868340e+06
mean error from gaussian
1.347507e+11
sigma from gaussian
4.325103e+08
sigma error from gaussian
2.260478e+10

massplotst-individual dilmassTCE_SCMIO



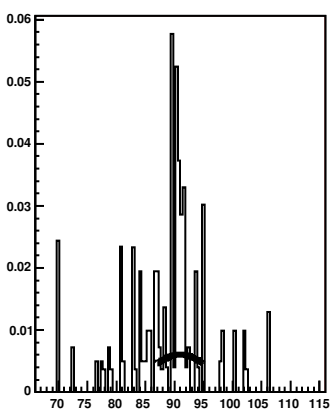
massplotst-individual dilmassTCE_SCMIO
integral
2.108457e+00
peak integral from gaussian
-1.783599e+06
peak integral error from gaussian
-3.325571e+07
Integral 66-116
3.469945e+01
Integral 66-116 Error
2.289937e+00
mean from gaussian
-1.074278e+02
mean error from gaussian
4.041474e+02
sigma from gaussian
-3.945178e+01
sigma error from gaussian
6.022390e+01

massplotst-individual dilmassCMUP_SCMIO



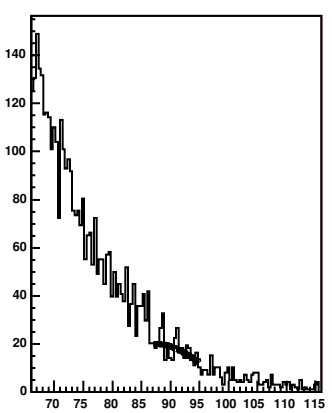
massplotst-individual dilmassCMUP_SCMIO
integral
1.776642e+00
peak integral from gaussian
-1.177527e+00
peak integral error from gaussian
-2.768537e-01
Integral 66-116
2.926581e+00
Integral 66-116 Error
9.918354e-01
mean from gaussian
9.115259e+01
mean error from gaussian
3.723496e-01
sigma from gaussian
-2.728931e+00
sigma error from gaussian
5.067013e-01

massplotst-individual dilmassCMX_SCMIO



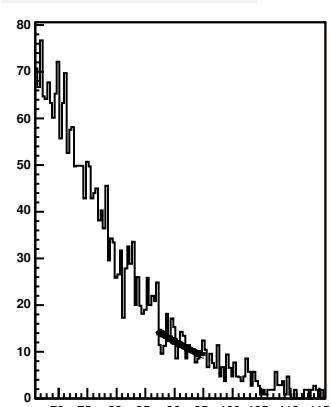
massplotst-individual dilmassCMX_SCMIO
integral
5.575821e-01
peak integral from gaussian
-1.931006e-01
peak integral error from gaussian
-4.557288e-01
Integral 66-116
8.283207e-01
Integral 66-116 Error
5.143144e-01
mean from gaussian
9.097259e+01
mean error from gaussian
3.594660e+00
sigma from gaussian
-5.293072e+00
sigma error from gaussian
1.220035e+01

massplotst-individual dilmassTCE_TCE



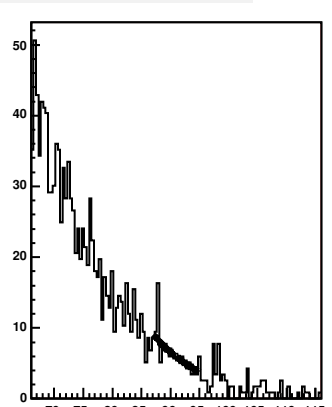
massplotst-individual dilmassTCE_TCE
integral
4.162927e+03
peak integral from gaussian
-8.699776e+02
peak integral error from gaussian
-4.869532e+02
Integral 66-116
4.889299e+04
Integral 66-116 Error
8.183162e+02
mean from gaussian
8.781802e+01
mean error from gaussian
3.665836e+00
sigma from gaussian
-7.257168e+00
sigma error from gaussian
4.001116e+00

massplotst-individual dilmassTCE_PHX



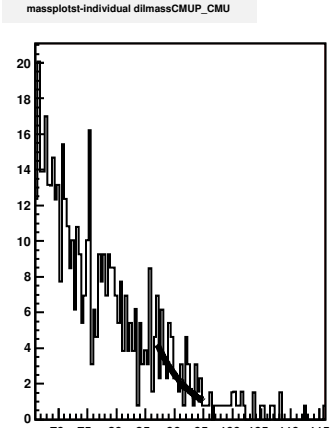
massplotst-individual dilmassTCE_PHX
integral
2.617589e+03
peak integral from gaussian
-5.682660e+06
peak integral error from gaussian
-3.846293e+07
Integral 66-116
1.472500e+04
Integral 66-116 Error
5.762321e+02
mean from gaussian
-1.557866e+02
mean error from gaussian
2.637934e+02
sigma from gaussian
-6.537177e+01
sigma error from gaussian
4.422237e+01

massplotst-individual dilmassCMUP_CMUP



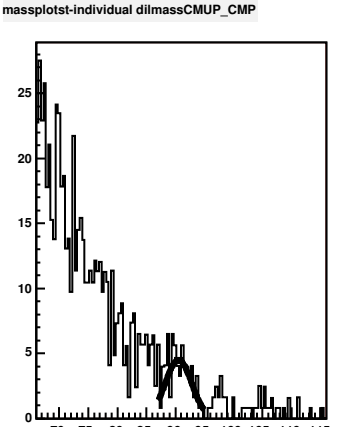
massplotst-individual dilmassCMUP_CMUP
integral
1.307952e+03
peak integral from gaussian
-1.114122e+08
peak integral error from gaussian
-5.691753e+08
Integral 66-116
1.702349e+04
Integral 66-116 Error
4.163382e+02
mean from gaussian
-1.136287e+02
mean error from gaussian
1.187651e+02
sigma from gaussian
-4.326324e+01
sigma error from gaussian
1.806916e+01

massplotst-individual dilmassCMUP_CMU



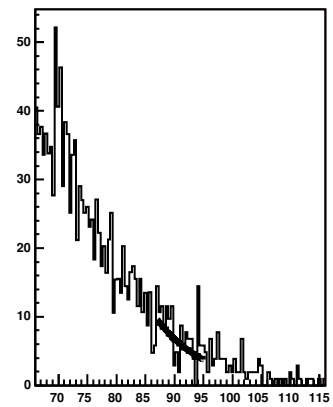
massplotst-individual dilmassCMUP_CMU
integral
5.098672e+02
peak integral from gaussian
-1.387985e+09
peak integral error from gaussian
-1.211183e+10
Integral 66-116
5.644768e+03
Integral 66-116 Error
2.356026e+02
mean from gaussian
-7.986580e+01
mean error from gaussian
1.080715e+02
sigma from gaussian
-3.112694e+01
sigma error from gaussian
1.234202e+01

massplotst-individual dilmassCMUP_CMP



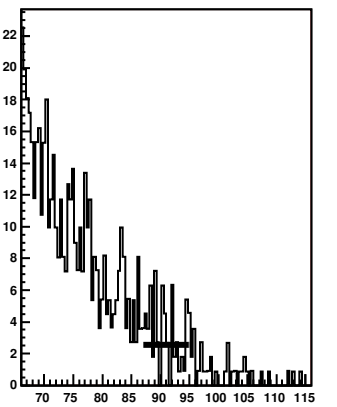
massplotst-individual dilmassCMUP_CMP
integral
6.970234e+02
peak integral from gaussian
-6.149719e+01
peak integral error from gaussian
-1.371275e+01
Integral 66-116
9.024331e+03
Integral 66-116 Error
2.900074e+02
mean from gaussian
9.053358e+01
mean error from gaussian
3.480472e-01
sigma from gaussian
-2.264541e+00
sigma error from gaussian
3.552294e-01

massplotst-individual dilmassCMUP_CMX



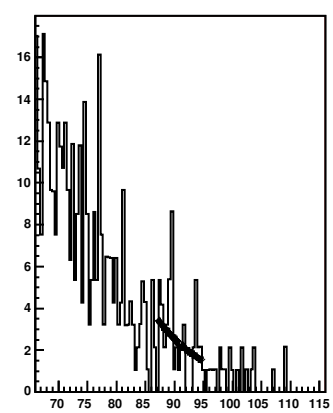
massplotst-individual dilmassCMUP_CMX
integral
1.448207e+03
peak integral from gaussian
-1.681718e+11
peak integral error from gaussian
-6.005511e+11
Integral 66-116
1.593747e+04
Integral 66-116 Error
4.586096e+02
mean from gaussian
-2.192267e+02
mean error from gaussian
1.669835e+02
sigma from gaussian
-5.125187e+01
sigma error from gaussian
2.560278e+01

massplotst-individual dilmassCMUP_CMIO



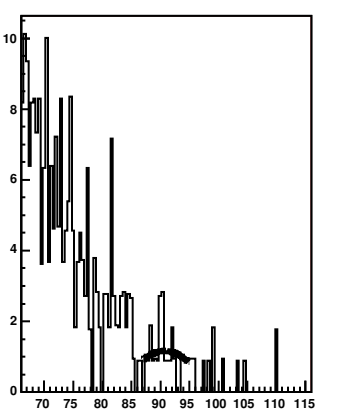
massplotst-individual dilmassCMUP_CMIO
integral
5.833971e+02
peak integral from gaussian
1.451806e+04
peak integral error from gaussian
1.964094e+03
Integral 66-116
6.779788e+03
Integral 66-116 Error
2.742067e+02
mean from gaussian
5.104599e+01
mean error from gaussian
1.414213e+00
sigma from gaussian
9.356708e+02
sigma error from gaussian
1.414213e+00

massplotst-individual dilmassCMX_CMX



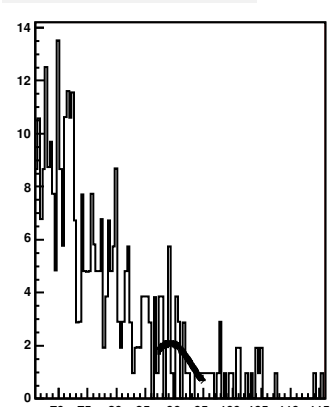
massplotst-individual dilmassCMX_CMX
integral
4.448202e+02
peak integral from gaussian
-4.894697e+09
peak integral error from gaussian
-3.572065e+10
Integral 66-116
4.831344e+03
Integral 66-116 Error
2.499762e+02
mean from gaussian
-1.983930e+02
mean error from gaussian
2.767999e+02
sigma from gaussian
-5.156575e+01
sigma error from gaussian
4.399887e+01

massplotst-individual dilmassCMX_CMU



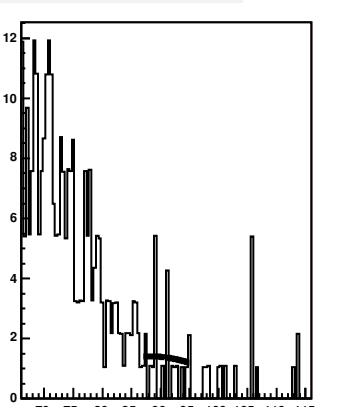
massplotst-individual dilmassCMX_CMU
integral
2.483267e+02
peak integral from gaussian
-3.747705e+01
peak integral error from gaussian
-5.241569e+01
Integral 66-116
2.429986e+03
Integral 66-116 Error
1.639775e+02
mean from gaussian
9.068810e+01
mean error from gaussian
3.112435e+00
sigma from gaussian
-5.346153e+00
sigma error from gaussian
7.278892e+00

massplotst-individual dilmassCMX_CMP



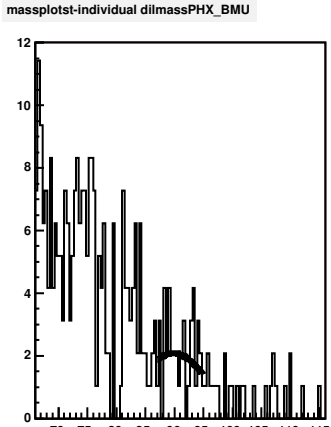
massplotst-individual dilmassCMX_CMP
integral
3.500930e+02
peak integral from gaussian
-4.702724e+01
peak integral error from gaussian
-2.910335e+01
Integral 66-116
3.455292e+03
Integral 66-116 Error
2.092879e+02
mean from gaussian
8.925589e+01
mean error from gaussian
1.757391e+00
sigma from gaussian
-3.706344e+00
sigma error from gaussian
2.064731e+00

massplotst-individual dilmassCMX_CMIO



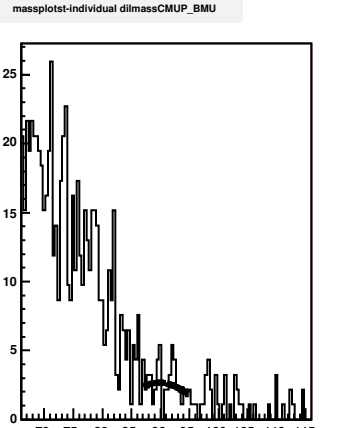
massplotst-individual dilmassCMX_CMIO
integral
3.146723e+02
peak integral from gaussian
-1.012445e+02
peak integral error from gaussian
-7.709927e+02
Integral 66-116
2.881847e+03
Integral 66-116 Error
2.000725e+02
mean from gaussian
8.818607e+01
mean error from gaussian
4.049871e+01
sigma from gaussian
-1.189615e+01
sigma error from gaussian
9.049018e+01

massplotst-individual dilmassPHX_BMU



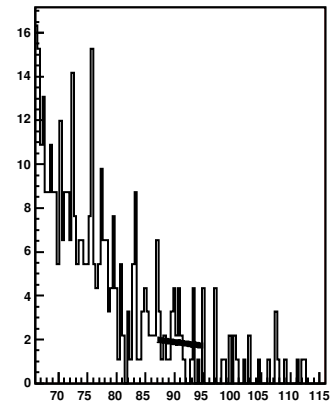
massplotst-individual dilmassPHX_BMU
integral
3.108570e+02
peak integral from gaussian
-7.285407e+01
peak integral error from gaussian
-7.309389e+01
Integral 66-116
3.632451e+03
Integral 66-116 Error
2.147728e+02
mean from gaussian
8.982637e+01
mean error from gaussian
3.178079e+00
sigma from gaussian
-5.782690e+00
sigma error from gaussian
5.643866e+00

massplotst-individual dilmassCMUP_BMU



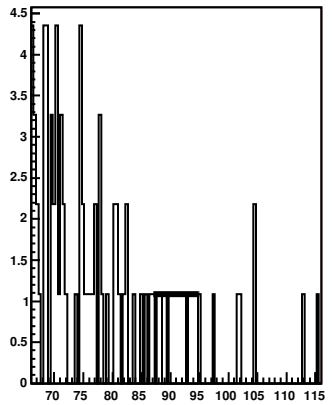
massplotst-individual dilmassCMUP_BMU
integral
7.314436e+02
peak integral from gaussian
9.288731e+01
peak integral error from gaussian
1.177622e+02
Integral 66-116
6.098315e+03
Integral 66-116 Error
3.205419e+02
mean from gaussian
8.985139e+01
mean error from gaussian
3.703802e+00
sigma from gaussian
5.761547e+00
sigma error from gaussian
7.182657e+00

massplotst-individual dilmassCMX_BMU



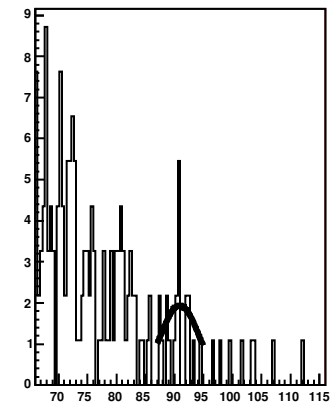
massplotst-individual dilmassCMX_BMU
integral
3.977359e+02
peak integral from gaussian
-2.592929e+06
peak integral error from gaussian
-5.285870e+07
Integral 66-116
3.862849e+03
Integral 66-116 Error
2.348236e+02
mean from gaussian
-6.595186e+02
mean error from gaussian
4.672303e+03
sigma from gaussian
-1.997245e+02
sigma error from gaussian
1.083151e+03

massplotst-individual dilmassBMU_BMU



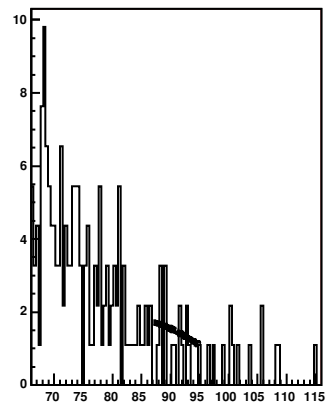
massplotst-individual dilmassBMU_BMU
integral
8.390594e+01
peak integral from gaussian
-7.628958e+03
peak integral error from gaussian
-3.252297e+09
Integral 66-116
1.060256e+03
Integral 66-116 Error
9.435537e+01
mean from gaussian
9.134795e+01
mean error from gaussian
1.777668e+06
sigma from gaussian
-1.162191e+03
sigma error from gaussian
4.954528e+08

massplotst-individual dilmassBMU_CMU



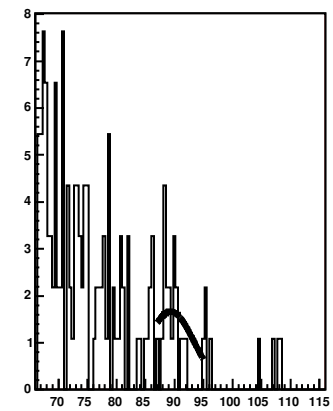
massplotst-individual dilmassBMU_CMU
integral
1.721706e+02
peak integral from gaussian
3.963912e+01
peak integral error from gaussian
3.634890e+01
Integral 66-116
1.170314e+03
Integral 66-116 Error
1.361549e+02
mean from gaussian
9.091092e+01
mean error from gaussian
1.491145e+00
sigma from gaussian
3.393818e+00
sigma error from gaussian
2.817296e+00

massplotst-individual dilmassBMU_CMP



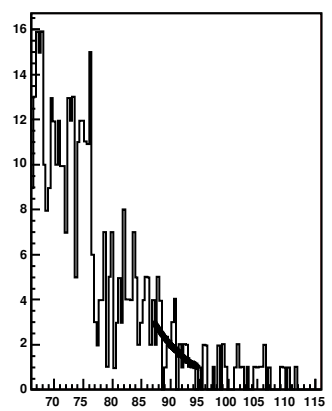
massplotst-individual dilmassBMU_CMP
integral
1.896056e+02
peak integral from gaussian
-1.165768e+02
peak integral error from gaussian
-8.822741e+02
Integral 66-116
1.273835e+03
Integral 66-116 Error
1.473563e+02
mean from gaussian
8.431991e+01
mean error from gaussian
9.625786e+01
sigma from gaussian
-1.089865e+01
sigma error from gaussian
7.763607e+01

massplotst-individual dilmassBMU_CMIO



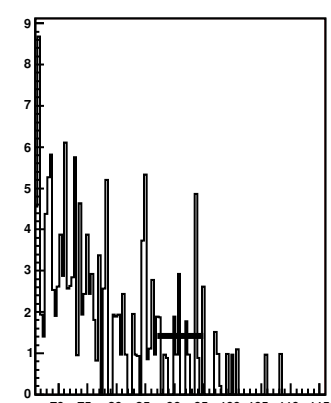
massplotst-individual dilmassBMU_CMIO
integral
1.525562e+02
peak integral from gaussian
4.132885e+01
peak integral error from gaussian
5.712095e+01
Integral 66-116
1.272747e+03
Integral 66-116 Error
1.275269e+02
mean from gaussian
8.931328e+01
mean error from gaussian
2.625526e+00
sigma from gaussian
4.118735e+00
sigma error from gaussian
5.511174e+00

massplotst-individual dilmassTCE_SCMIO



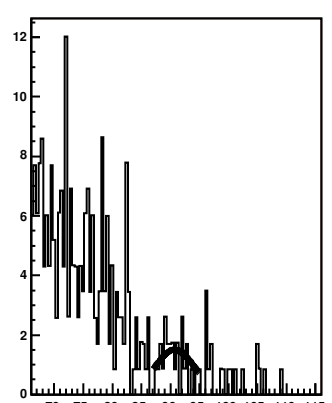
massplotst-individual dilmassTCE_SCMIO
integral
4.529258e+02
peak integral from gaussian
-1.881374e+07
peak integral error from gaussian
-2.211393e+08
Integral 66-116
5.454309e+03
Integral 66-116 Error
2.514901e+02
mean from gaussian
-5.852456e+01
mean error from gaussian
1.807993e+02
sigma from gaussian
-3.196558e+01
sigma error from gaussian
2.439659e+01

massplotst-individual dilmassPHX_SCMIO



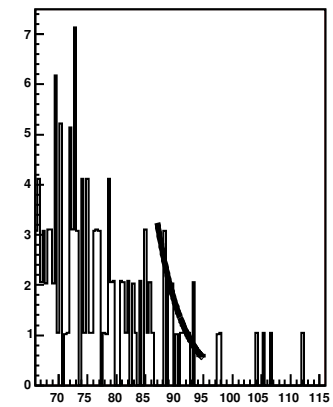
massplotst-individual dilmassPHX_SCMIO
integral
1.577488e+02
peak integral from gaussian
-5.080802e+08
peak integral error from gaussian
-1.182257e+10
Integral 66-116
8.568479e+02
Integral 66-116 Error
1.161779e+02
mean from gaussian
-7.911963e+06
mean error from gaussian
1.374106e+09
sigma from gaussian
-5.887799e+07
sigma error from gaussian
1.357752e+09

massplotst-individual dilmassCMUP_SCMIO



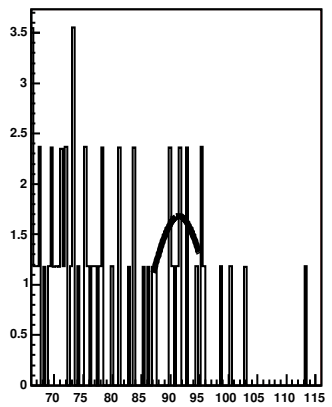
massplotst-individual dilmassCMUP_SCMIO
integral
2.500441e+02
peak integral from gaussian
-3.143000e+01
peak integral error from gaussian
-1.972464e+01
Integral 66-116
3.275863e+03
Integral 66-116 Error
1.708044e+02
mean from gaussian
9.074944e+01
mean error from gaussian
1.227007e+00
sigma from gaussian
-3.456223e+00
sigma error from gaussian
1.925675e+00

massplotst-individual dilmassCMX_SCMIO



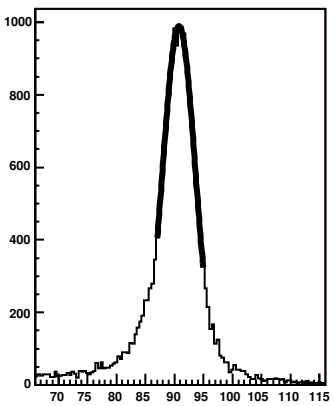
massplotst-individual dilmassCMX_SCMIO
integral
1.268352e+02
peak integral from gaussian
-7.050662e+10
peak integral error from gaussian
-3.872990e+11
Integral 66-116
1.143992e+03
Integral 66-116 Error
1.143757e+02
mean from gaussian
-8.223597e+01
mean error from gaussian
1.722114e+02
sigma from gaussian
-2.769007e+01
sigma error from gaussian
2.796636e+01

massplotst-individual dilmassBMU_SCMIO



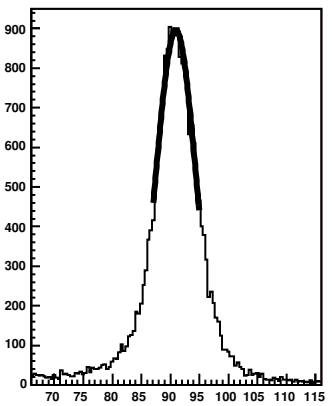
massplotst-individual dilmassBMU_SCMIO
integral
6.856361e+01
peak integral from gaussian
-4.978071e+01
peak integral error from gaussian
-6.540806e+01
Integral 66-116
5.235102e+02
Integral 66-116 Error
8.044380e+01
mean from gaussian
9.147958e+01
mean error from gaussian
3.839916e+00
sigma from gaussian
-4.918823e+00
sigma error from gaussian
6.154803e+00

massplotst-individual dilmassTCE_TCE



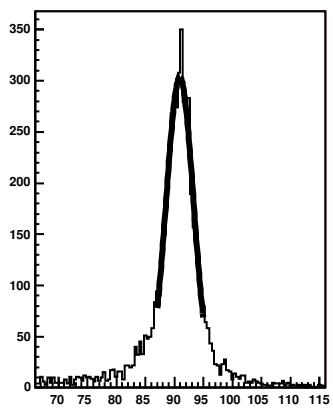
massplotst-individual dilmassTCE_TCE
integral
2.032600e+04
peak integral from gaussian
1.666923e+04
peak integral error from gaussian
3.101682e+02
Integral 66-116
2.545300e+04
Integral 66-116 Error
1.273371e+03
mean from gaussian
9.077223e+01
mean error from gaussian
3.199577e-02
sigma from gaussian
2.798496e+00
sigma error from gaussian
4.090593e-02

massplotst-individual dilmassTCE_PHX



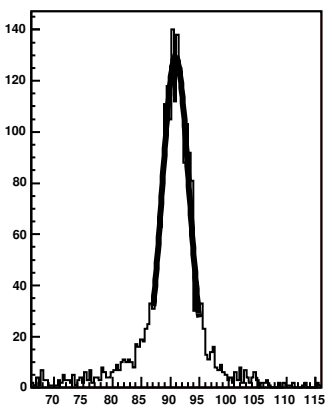
massplotst-individual dilmassTCE_PHX
integral
2.143000e+04
peak integral from gaussian
1.823666e+04
peak integral error from gaussian
4.245808e+02
Integral 66-116
2.226600e+04
Integral 66-116 Error
1.282252e+03
mean from gaussian
9.093898e+01
mean error from gaussian
4.417130e-02
sigma from gaussian
3.381078e+00
sigma error from gaussian
6.791511e-02

massplotst-individual dilmassCMUP_CMUP



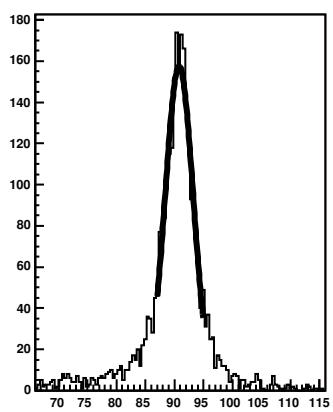
massplotst-individual dilmassCMUP_CMUP
integral
5.358000e+03
peak integral from gaussian
4.288218e+03
peak integral error from gaussian
1.320127e+02
Integral 66-116
7.275000e+03
Integral 66-116 Error
6.412353e+02
mean from gaussian
9.091605e+01
mean error from gaussian
4.519344e-02
sigma from gaussian
2.348231e+00
sigma error from gaussian
5.113274e-02

massplotst-individual dilmassCMUP_CMU



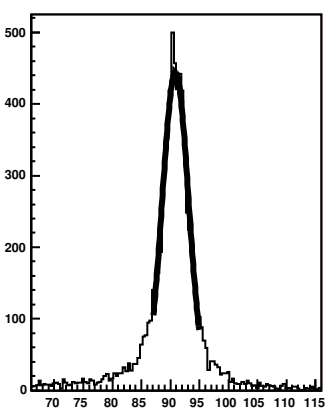
massplotst-individual dilmassCMUP_CMU
integral
2.273000e+03
peak integral from gaussian
1.796375e+03
peak integral error from gaussian
8.088532e+01
Integral 66-116
2.635000e+03
Integral 66-116 Error
3.990246e+02
mean from gaussian
9.089725e+01
mean error from gaussian
6.767569e-02
sigma from gaussian
2.305098e+00
sigma error from gaussian
7.145989e-02

massplotst-individual dilmassCMUP_CMP



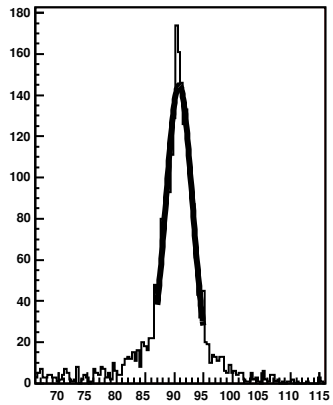
massplotst-individual dilmassCMUP_CMP
integral
2.884000e+03
peak integral from gaussian
2.275755e+03
peak integral error from gaussian
9.980139e+01
Integral 66-116
3.519000e+03
Integral 66-116 Error
4.620650e+02
mean from gaussian
9.080440e+01
mean error from gaussian
6.517596e-02
sigma from gaussian
2.399649e+00
sigma error from gaussian
7.600260e-02

massplotst-individual dilmassCMUP_CMX



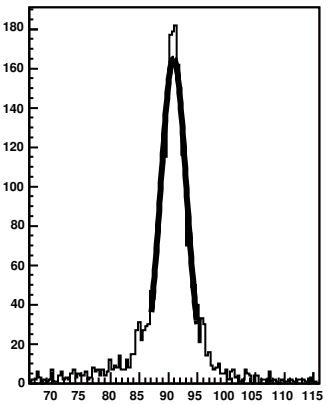
massplotst-individual dilmassCMUP_CMX
integral
7.518000e+03
peak integral from gaussian
6.010189e+03
peak integral error from gaussian
1.539909e+02
Integral 66-116
8.707000e+03
Integral 66-116 Error
7.409758e+02
mean from gaussian
9.086401e+01
mean error from gaussian
3.555278e-02
sigma from gaussian
2.249500e+00
sigma error from gaussian
4.002319e-02

massplotst-individual dilmassCMUP_CMIO



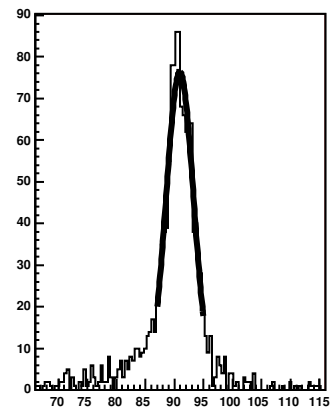
massplotst-individual dilmassCMUP_CMIO
integral
2.479000e+03
peak integral from gaussian
2.007395e+03
peak integral error from gaussian
8.943918e+01
Integral 66-116
2.988000e+03
Integral 66-116 Error
4.146728e+02
mean from gaussian
9.079559e+01
mean error from gaussian
6.455218e-02
sigma from gaussian
2.300299e+00
sigma error from gaussian
7.188245e-02

massplotst-individual dilmassCMX_CMX



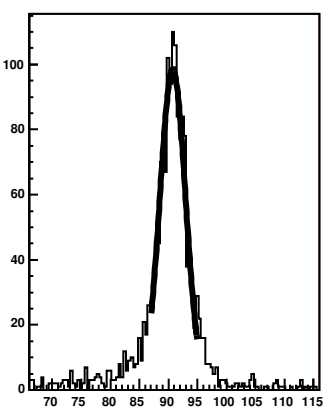
massplotst-individual dilmassCMX_CMX
integral
2.742000e+03
peak integral from gaussian
2.193367e+03
peak integral error from gaussian
9.168823e+01
Integral 66-116
3.958000e+03
Integral 66-116 Error
4.517132e+02
mean from gaussian
9.088175e+01
mean error from gaussian
5.697146e-02
sigma from gaussian
2.207490e+00
sigma error from gaussian
6.334535e-02

massplotst-individual dilmassCMX_CMU



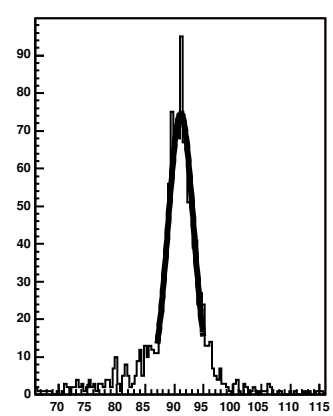
massplotst-individual dilmassCMX_CMU
integral
1.341000e+03
peak integral from gaussian
1.090561e+03
peak integral error from gaussian
6.719034e+01
Integral 66-116
1.538000e+03
Integral 66-116 Error
2.930683e+02
mean from gaussian
9.091819e+01
mean error from gaussian
9.110067e-02
sigma from gaussian
2.370852e+00
sigma error from gaussian
1.039498e-01

massplotst-individual dilmassCMX_CMP



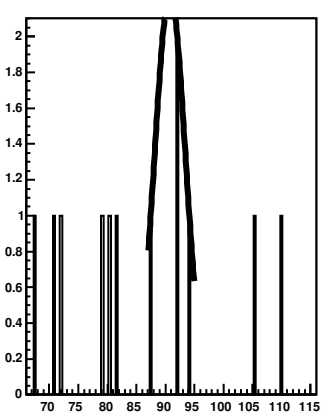
massplotst-individual dilmassCMX_CMP
integral
1.638000e+03
peak integral from gaussian
1.301957e+03
peak integral error from gaussian
6.875302e+01
Integral 66-116
1.811000e+03
Integral 66-116 Error
3.267760e+02
mean from gaussian
9.074702e+01
mean error from gaussian
7.398767e-02
sigma from gaussian
2.195007e+00
sigma error from gaussian
7.870221e-02

massplotst-individual dilmassCMX_CMIO



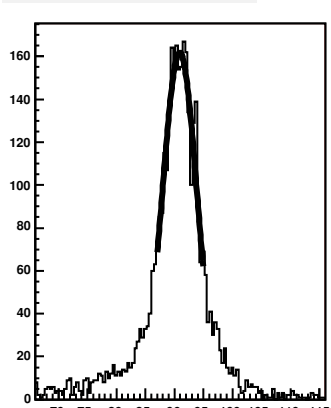
massplotst-individual dilmassCMX_CMIO
integral
1.244000e+03
peak integral from gaussian
9.820737e+02
peak integral error from gaussian
5.807907e+01
Integral 66-116
1.564000e+03
Integral 66-116 Error
2.904115e+02
mean from gaussian
9.108552e+01
mean error from gaussian
8.589610e-02
sigma from gaussian
2.187099e+00
sigma error from gaussian
8.690268e-02

massplotst-individual dilmassPHX_BMU



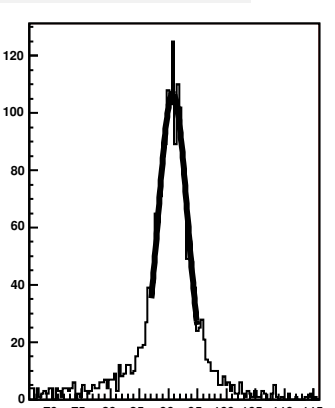
massplotst-individual dilmassPHX_BMU
integral
1.200000e+01
peak integral from gaussian
3.541743e+01
peak integral error from gaussian
4.107782e+01
Integral 66-116
6.300000e+01
Integral 66-116 Error
1.855564e+01
mean from gaussian
9.079167e+01
mean error from gaussian
1.461616e+00
sigma from gaussian
2.624477e+00
sigma error from gaussian
1.960411e+00

massplotst-individual dilmassCMUP_BMU



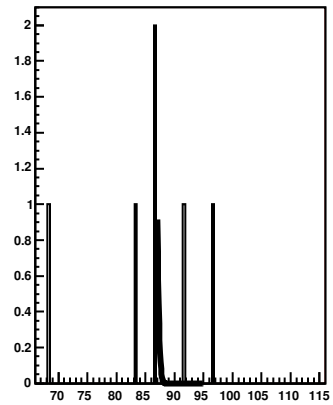
massplotst-individual dilmassCMUP_BMU
integral
3.583000e+03
peak integral from gaussian
2.864791e+03
peak integral error from gaussian
1.380071e+02
Integral 66-116
3.923000e+03
Integral 66-116 Error
5.243859e+02
mean from gaussian
9.089178e+01
mean error from gaussian
8.414787e-02
sigma from gaussian
2.940883e+00
sigma error from gaussian
1.144769e-01

massplotst-individual dilmassCMX_BMU



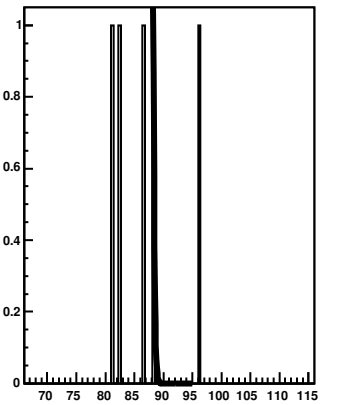
massplotst-individual dilmassCMX_BMU
integral
2.025000e+03
peak integral from gaussian
1.608832e+03
peak integral error from gaussian
8.492463e+01
Integral 66-116
2.290000e+03
Integral 66-116 Error
3.794590e+02
mean from gaussian
9.076286e+01
mean error from gaussian
8.348847e-02
sigma from gaussian
2.500195e+00
sigma error from gaussian
9.690422e-02

massplotst-individual dilmassBMU_BMU



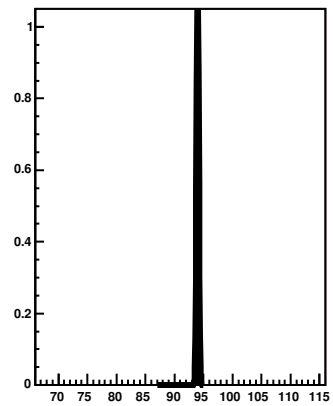
massplotst-individual dilmassBMU_BMU
integral
6.000000e+00
peak integral from gaussian
6.000000e+00
peak integral error from gaussian
1.755872e+01
Integral 66-116
2.500000e+01
Integral 66-116 Error
9.773113e+00
mean from gaussian
8.641667e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
4.980080e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassBMU_CMU



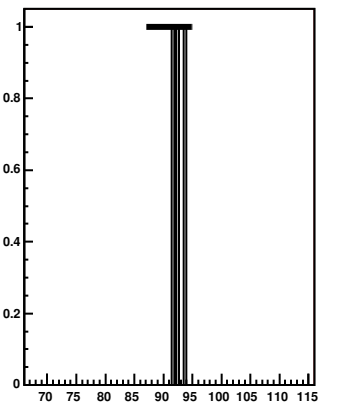
massplotst-individual dilmassBMU_CMU
integral
5.000000e+00
peak integral from gaussian
2.128899e+04
peak integral error from gaussian
3.051218e+05
Integral 66-116
7.000000e+00
Integral 66-116 Error
6.414214e+00
mean from gaussian
8.488728e+01
mean error from gaussian
3.013709e+00
sigma from gaussian
8.329183e-01
sigma error from gaussian
7.339789e-01

massplotst-individual dilmassBMU_CMP



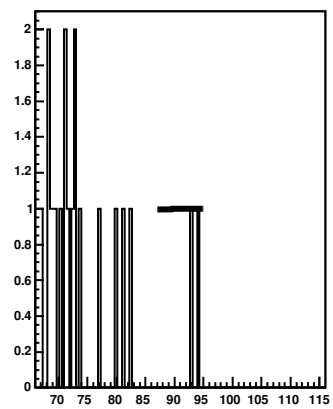
massplotst-individual dilmassBMU_CMP
integral
1.000000e+00
peak integral from gaussian
1.406961e+00
peak integral error from gaussian
3.862542e+01
Integral 66-116
3.000000e+00
Integral 66-116 Error
2.414214e+00
mean from gaussian
9.400286e+01
mean error from gaussian
3.178252e+00
sigma from gaussian
1.899291e-01
sigma error from gaussian
4.383298e+00

massplotst-individual dilmassBMU_CMIO



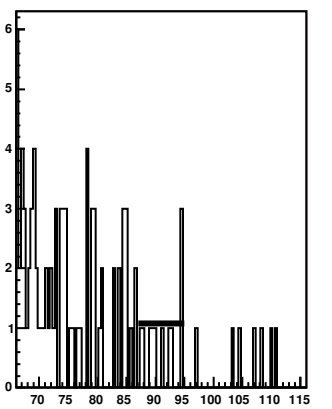
massplotst-individual dilmassBMU_CMIO
integral
3.000000e+00
peak integral from gaussian
5.644323e+03
peak integral error from gaussian
2.132724e+06
Integral 66-116
6.000000e+00
Integral 66-116 Error
4.732051e+00
mean from gaussian
2.157202e+02
mean error from gaussian
5.747250e+04
sigma from gaussian
9.287621e+02
sigma error from gaussian
3.509229e+05

massplotst-individual dilmassTCE_SCMIO



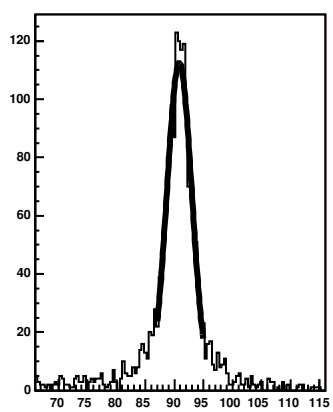
massplotst-individual dilmassTCE_SCMIO
integral
2.200000e+01
peak integral from gaussian
-3.581474e+02
peak integral error from gaussian
-1.765774e+07
Integral 66-116
5.770000e+02
Integral 66-116 Error
4.380108e+01
mean from gaussian
9.350192e+01
mean error from gaussian
2.184971e+04
sigma from gaussian
-5.945013e+01
sigma error from gaussian
2.931069e+06

massplotst-individual dilmassPHX_SCMIO



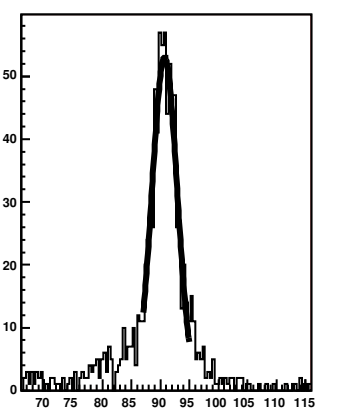
massplotst-individual dilmassPHX_SCMIO
integral
9.600000e+01
peak integral from gaussian
-3.834141e+03
peak integral error from gaussian
-1.194419e+03
Integral 66-116
2.480000e+02
Integral 66-116 Error
7.955880e+01
mean from gaussian
1.184794e+02
mean error from gaussian
1.414213e+00
sigma from gaussian
-5.886366e+02
sigma error from gaussian
1.414213e+00

massplotst-individual dilmassCMUP_SCMIO



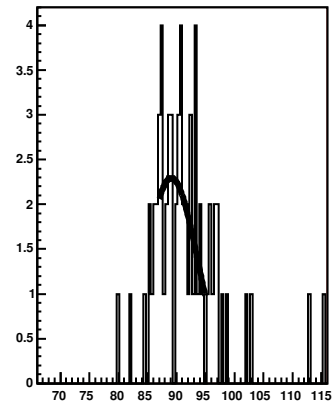
massplotst-individual dilmassCMUP_SCMIO
integral
1.835000e+03
peak integral from gaussian
1.455928e+03
peak integral error from gaussian
7.101155e+01
Integral 66-116
2.565000e+03
Integral 66-116 Error
3.647415e+02
mean from gaussian
9.083385e+01
mean error from gaussian
6.704507e-02
sigma from gaussian
2.149490e+00
sigma error from gaussian
6.993185e-02

massplotst-individual dilmassCMX_SCMIO



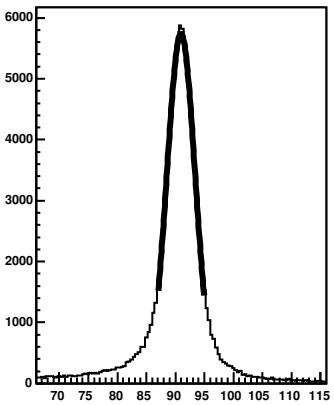
massplotst-individual dilmassCMX_SCMIO
integral
9.240000e+02
peak integral from gaussian
6.899658e+02
peak integral error from gaussian
4.998339e+01
Integral 66-116
1.140000e+03
Integral 66-116 Error
2.530070e+02
mean from gaussian
9.072040e+01
mean error from gaussian
9.865059e-02
sigma from gaussian
2.162227e+00
sigma error from gaussian
1.057492e-01

massplotst-individual dilmassBMU_SCMIO



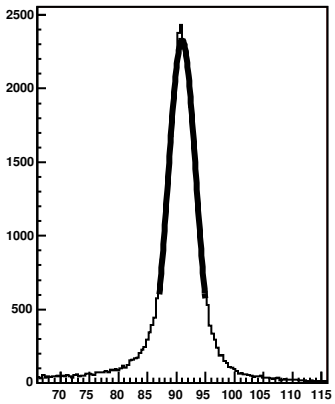
massplotst-individual dilmassBMU_SCMIO
integral
6.600000e+01
peak integral from gaussian
6.199837e+01
peak integral error from gaussian
5.584201e+01
Integral 66-116
6.900000e+01
Integral 66-116 Error
4.894865e+01
mean from gaussian
8.911240e+01
mean error from gaussian
3.022177e+00
sigma from gaussian
4.484934e+00
sigma error from gaussian
3.904197e+00

massplotst-individual dilmassCMUP_CMUP



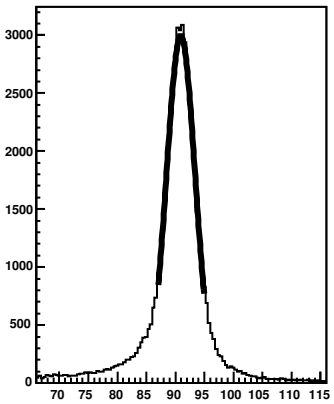
massplotst-individual dilmassCMUP_CMUP
integral
1.005208e+05
peak integral from gaussian
8.310976e+04
peak integral error from gaussian
5.364111e+02
Integral 66-116
1.128351e+05
Integral 66-116 Error
2.464232e+03
mean from gaussian
9.096026e+01
mean error from gaussian
9.772012e-03
sigma from gaussian
2.405714e+00
sigma error from gaussian
1.110927e-02

massplotst-individual dilmassCMUP_CMU



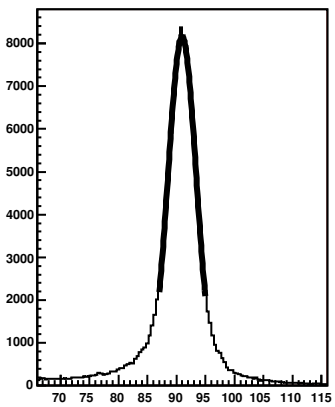
massplotst-individual dilmassCMUP_CMU
integral
4.055792e+04
peak integral from gaussian
3.345708e+04
peak integral error from gaussian
3.216170e+02
Integral 66-116
4.422705e+04
Integral 66-116 Error
1.476431e+03
mean from gaussian
9.096617e+01
mean error from gaussian
1.443194e-02
sigma from gaussian
2.388253e+00
sigma error from gaussian
1.636014e-02

massplotst-individual dilmassCMUP_CMP



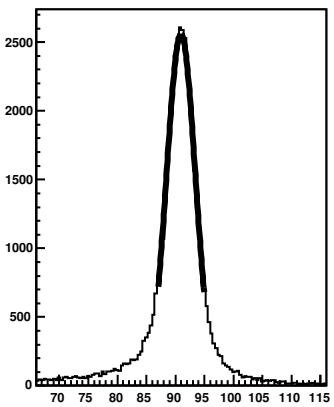
massplotst-individual dilmassCMUP_CMP
integral
5.357537e+04
peak integral from gaussian
4.407820e+04
peak integral error from gaussian
3.904402e+02
Integral 66-116
5.872442e+04
Integral 66-116 Error
1.760786e+03
mean from gaussian
9.092752e+01
mean error from gaussian
1.350028e-02
sigma from gaussian
2.445821e+00
sigma error from gaussian
1.570395e-02

massplotst-individual dilmassCMUP_CMX



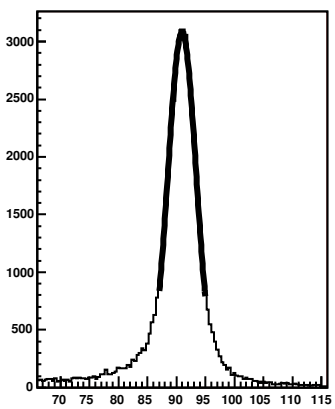
massplotst-individual dilmassCMUP_CMX
integral
1.439541e+05
peak integral from gaussian
1.189426e+05
peak integral error from gaussian
6.828665e+02
Integral 66-116
1.596991e+05
Integral 66-116 Error
3.116829e+03
mean from gaussian
9.097003e+01
mean error from gaussian
8.755507e-03
sigma from gaussian
2.424492e+00
sigma error from gaussian
1.000413e-02

massplotst-individual dilmassCMUP_CMIO



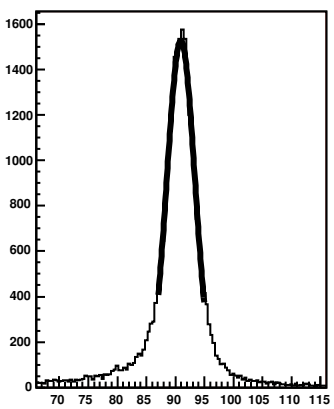
massplotst-individual dilmassCMUP_CMIO
integral
4.574033e+04
peak integral from gaussian
3.790705e+04
peak integral error from gaussian
3.815421e+02
Integral 66-116
4.995065e+04
Integral 66-116 Error
1.707249e+03
mean from gaussian
9.095538e+01
mean error from gaussian
1.553952e-02
sigma from gaussian
2.460976e+00
sigma error from gaussian
1.797495e-02

massplotst-individual dilmassCMX_CMX



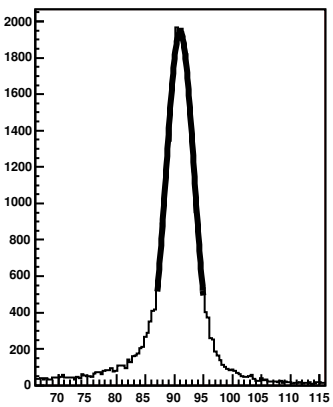
massplotst-individual dilmassCMX_CMX
integral
5.473097e+04
peak integral from gaussian
4.501310e+04
peak integral error from gaussian
4.432028e+02
Integral 66-116
6.056836e+04
Integral 66-116 Error
2.033087e+03
mean from gaussian
9.095908e+01
mean error from gaussian
1.505457e-02
sigma from gaussian
2.425695e+00
sigma error from gaussian
1.715998e-02

massplotst-individual dilmassCMX_CMU



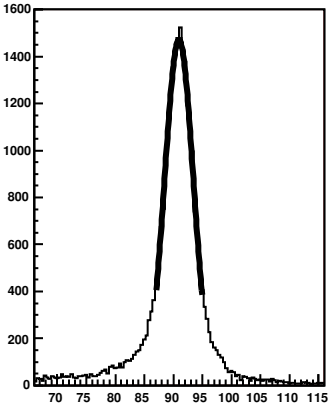
massplotst-individual dilmassCMX_CMU
integral
2.684739e+04
peak integral from gaussian
2.205871e+04
peak integral error from gaussian
2.844104e+02
Integral 66-116
2.906770e+04
Integral 66-116 Error
1.297868e+03
mean from gaussian
9.094101e+01
mean error from gaussian
1.940594e-02
sigma from gaussian
2.400113e+00
sigma error from gaussian
2.214087e-02

massplotst-individual dilmassCMX_CMP



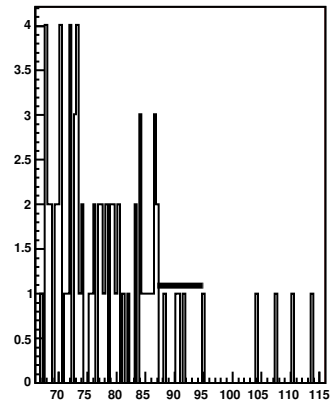
massplotst-individual dilmassCMX_CMP
integral
3.429223e+04
peak integral from gaussian
2.823665e+04
peak integral error from gaussian
3.329375e+02
Integral 66-116
3.711051e+04
Integral 66-116 Error
1.514476e+03
mean from gaussian
9.096458e+01
mean error from gaussian
1.781985e-02
sigma from gaussian
2.413461e+00
sigma error from gaussian
2.043619e-02

massplotst-individual dilmassCMX_CMIO



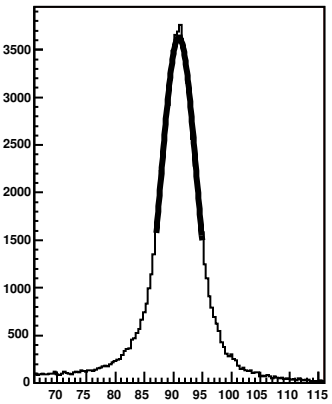
massplotst-individual dilmassCMX_CMIO
integral
2.643254e+04
peak integral from gaussian
2.164787e+04
peak integral error from gaussian
3.097853e+02
Integral 66-116
2.867948e+04
Integral 66-116 Error
1.409791e+03
mean from gaussian
9.095924e+01
mean error from gaussian
2.198186e-02
sigma from gaussian
2.442623e+00
sigma error from gaussian
2.523965e-02

massplotst-individual dilmassPHX_BMU



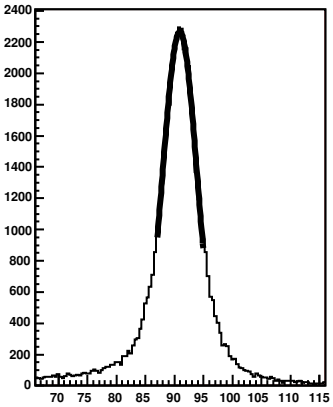
massplotst-individual dilmassPHX_BMU
integral
7.721543e+01
peak integral from gaussian
5.261623e+08
peak integral error from gaussian
1.148705e+11
Integral 66-116
1.363805e+02
Integral 66-116 Error
6.485724e+01
mean from gaussian
9.743350e+06
mean error from gaussian
4.615483e+08
sigma from gaussian
7.924104e+07
sigma error from gaussian
1.729752e+10

massplotst-individual dilmassCMUP_BMU



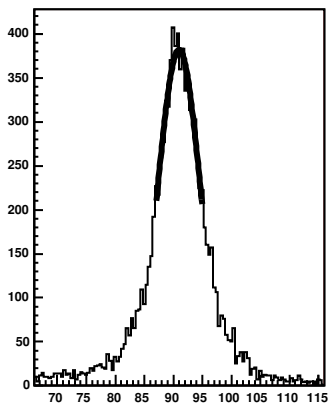
massplotst-individual dilmassCMUP_BMU
integral
7.941203e+04
peak integral from gaussian
6.602813e+04
peak integral error from gaussian
7.107741e+02
Integral 66-116
8.666507e+04
Integral 66-116 Error
2.552120e+03
mean from gaussian
9.093972e+01
mean error from gaussian
1.893310e-02
sigma from gaussian
3.019482e+00
sigma error from gaussian
2.666855e-02

massplotst-individual dilmassCMX_BMU



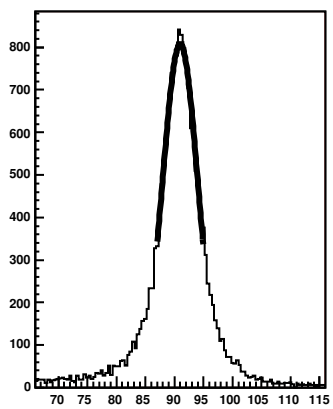
massplotst-individual dilmassCMX_BMU
integral
4.950659e+04
peak integral from gaussian
4.011194e+04
peak integral error from gaussian
5.326497e+02
Integral 66-116
5.464710e+04
Integral 66-116 Error
2.025588e+03
mean from gaussian
9.091557e+01
mean error from gaussian
2.305457e-02
sigma from gaussian
2.939408e+00
sigma error from gaussian
3.156577e-02

massplotst-individual dilmassBMU_BMU



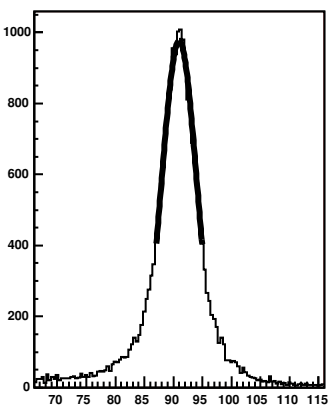
massplotst-individual dilmassBMU_BMU
integral
9.936978e+03
peak integral from gaussian
8.273592e+03
peak integral error from gaussian
3.331063e+02
Integral 66-116
1.122114e+04
Integral 66-116 Error
9.364747e+02
mean from gaussian
9.096854e+01
mean error from gaussian
7.669835e-02
sigma from gaussian
3.596787e+00
sigma error from gaussian
1.284207e-01

massplotst-individual dilmassBMU_CMU



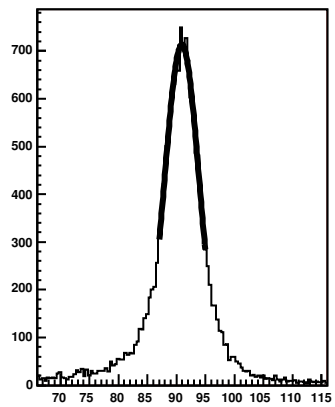
massplotst-individual dilmassBMU_CMU
integral
1.763563e+04
peak integral from gaussian
1.464867e+04
peak integral error from gaussian
3.328711e+02
Integral 66-116
1.893666e+04
Integral 66-116 Error
1.183594e+03
mean from gaussian
9.097603e+01
mean error from gaussian
3.991085e-02
sigma from gaussian
3.009570e+00
sigma error from gaussian
5.599973e-02

massplotst-individual dilmassBMU_CMP



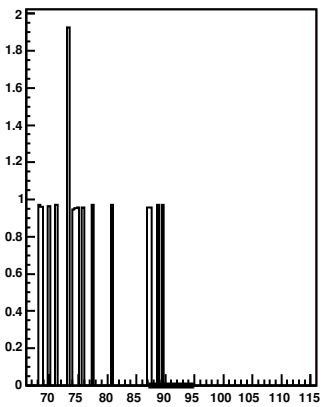
massplotst-individual dilmassBMU_CMP
integral
2.130572e+04
peak integral from gaussian
1.753486e+04
peak integral error from gaussian
3.578975e+02
Integral 66-116
2.267002e+04
Integral 66-116 Error
1.311988e+03
mean from gaussian
9.099425e+01
mean error from gaussian
3.579976e-02
sigma from gaussian
2.981764e+00
sigma error from gaussian
4.954979e-02

massplotst-individual dilmassBMU_CMIO



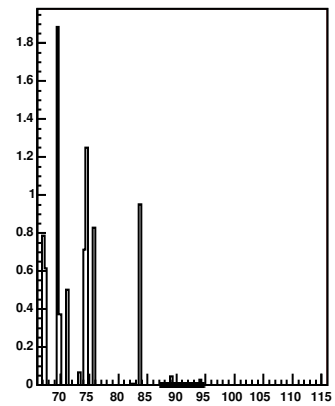
massplotst-individual dilmassBMU_CMIO
integral
1.561661e+04
peak integral from gaussian
1.280147e+04
peak integral error from gaussian
3.039276e+02
Integral 66-116
1.681642e+04
Integral 66-116 Error
1.132159e+03
mean from gaussian
9.092253e+01
mean error from gaussian
4.193629e-02
sigma from gaussian
2.980843e+00
sigma error from gaussian
5.754631e-02

massplotst-individual dilmassTCE_SCMIO



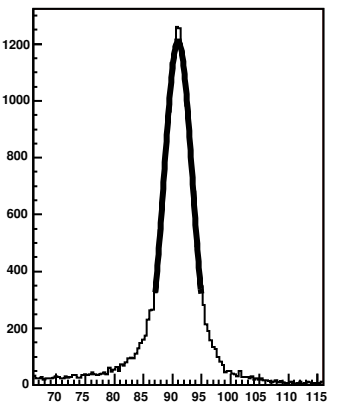
massplotst-individual dilmassTCE_SCMIO
integral
1.540384e+01
peak integral from gaussian
1.540384e+01
peak integral error from gaussian
1.993244e+01
Integral 66-116
2.400401e+01
Integral 66-116 Error
1.770636e+01
mean from gaussian
7.308333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.326967e+00
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassPHX_SCMIO



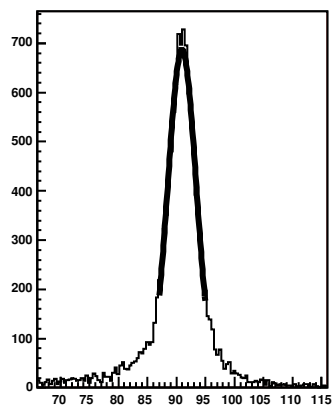
massplotst-individual dilmassPHX_SCMIO
integral
8.051560e+00
peak integral from gaussian
-2.157407e+04
peak integral error from gaussian
-1.265437e+06
Integral 66-116
1.278586e+01
Integral 66-116 Error
8.397383e+00
mean from gaussian
6.508106e+01
mean error from gaussian
3.446392e+01
sigma from gaussian
-3.877461e+00
sigma error from gaussian
1.974010e-01

massplotst-individual dilmassCMUP_SCMIO



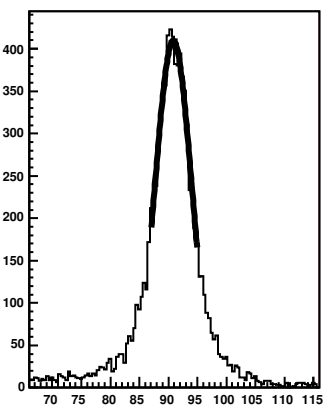
massplotst-individual dilmassCMUP_SCMIO
integral
2.156201e+04
peak integral from gaussian
1.777083e+04
peak integral error from gaussian
2.511764e+02
Integral 66-116
2.403028e+04
Integral 66-116 Error
1.146547e+03
mean from gaussian
9.098788e+01
mean error from gaussian
2.176178e-02
sigma from gaussian
2.440636e+00
sigma error from gaussian
2.485816e-02

massplotst-individual dilmassCMX_SCMIO



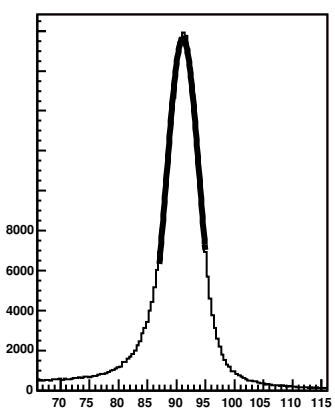
massplotst-individual dilmassCMX_SCMIO
integral
1.223982e+04
peak integral from gaussian
1.005466e+04
peak integral error from gaussian
2.089392e+02
Integral 66-116
1.341930e+04
Integral 66-116 Error
9.321464e+02
mean from gaussian
9.095489e+01
mean error from gaussian
3.128651e-02
sigma from gaussian
2.431776e+00
sigma error from gaussian
3.659312e-02

massplotst-individual dilmassBMU_SCMIO



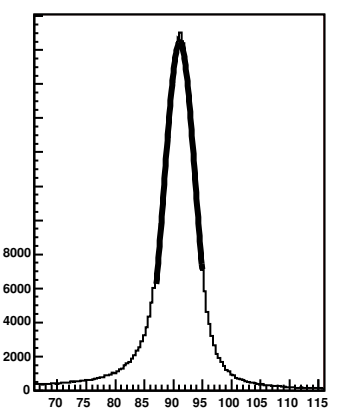
massplotst-individual dilmassBMU_SCMIO
integral
9.092123e+03
peak integral from gaussian
7.551032e+03
peak integral error from gaussian
2.540455e+02
Integral 66-116
9.876537e+03
Integral 66-116 Error
8.929315e+02
mean from gaussian
9.084433e+01
mean error from gaussian
6.033323e-02
sigma from gaussian
3.061385e+00
sigma error from gaussian
8.510043e-02

massplotst-individual dilmassTCE_TCE



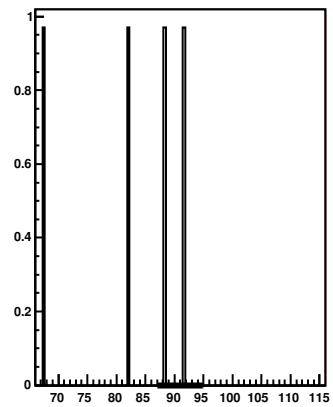
massplotst-individual dilmassTCE_TCE
integral
3.682772e+05
peak integral from gaussian
3.016903e+05
peak integral error from gaussian
1.345473e+03
Integral 66-116
4.168588e+05
Integral 66-116 Error
5.339038e+03
mean from gaussian
9.110738e+01
mean error from gaussian
7.595776e-03
sigma from gaussian
2.840087e+00
sigma error from gaussian
1.004072e-02

massplotst-individual dilmassTCE_PHX



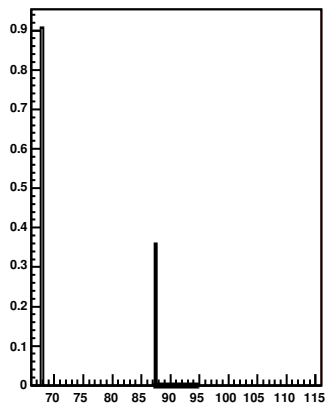
massplotst-individual dilmassTCE_PHX
integral
3.930088e+05
peak integral from gaussian
3.257847e+05
peak integral error from gaussian
1.235671e+03
Integral 66-116
4.078440e+05
Integral 66-116 Error
5.092679e+03
mean from gaussian
9.111354e+01
mean error from gaussian
6.175016e-03
sigma from gaussian
2.647139e+00
sigma error from gaussian
7.631022e-03

massplotst-individual dilmassTCE_SCMIO



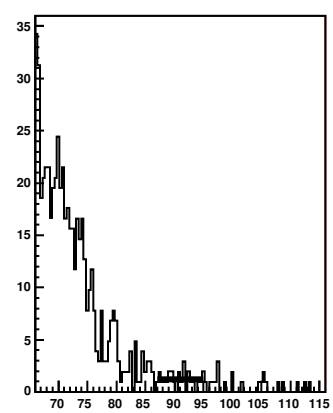
massplotst-individual dilmassTCE_SCMIO
integral
3.883535e+00
peak integral from gaussian
3.883535e+00
peak integral error from gaussian
1.002060e+01
Integral 66-116
1.826187e+01
Integral 66-116 Error
7.596286e+00
mean from gaussian
6.725000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
6.640096e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassPHX_SCMIO



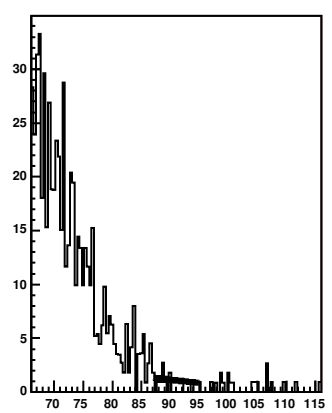
massplotst-individual dilmassPHX_SCMIO
integral
1.267584e+00
peak integral from gaussian
1.267584e+00
peak integral error from gaussian
7.986992e+00
Integral 66-116
4.540818e+00
Integral 66-116 Error
2.930906e+00
mean from gaussian
6.766667e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
2.316245e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassTCE_TCE



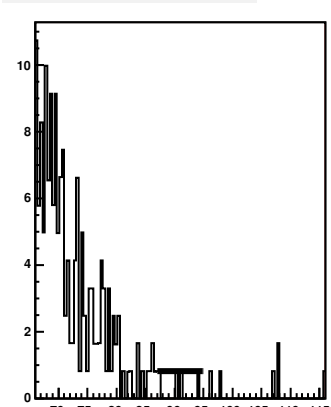
massplotst-individual dilmassTCE_TCE
integral
5.706239e+02
peak integral from gaussian
-1.695202e+09
peak integral error from gaussian
-6.346091e+09
Integral 66-116
6.695852e+03
Integral 66-116 Error
2.584764e+02
mean from gaussian
-1.283012e+08
mean error from gaussian
2.474702e+08
sigma from gaussian
-1.013002e+08
sigma error from gaussian
1.964864e+08

massplotst-individual dilmassTCE_PHX



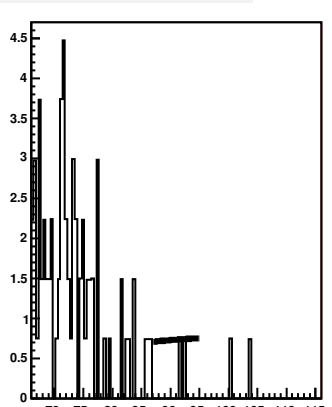
massplotst-individual dilmassTCE_PHX
integral
6.350904e+02
peak integral from gaussian
1.841943e+05
peak integral error from gaussian
6.987641e+05
Integral 66-116
2.447963e+03
Integral 66-116 Error
2.167001e+02
mean from gaussian
-1.244174e+02
mean error from gaussian
6.939976e+01
sigma from gaussian
6.153473e+01
sigma error from gaussian
1.906545e+01

massplotst-individual dilmassCMUP_CMUP



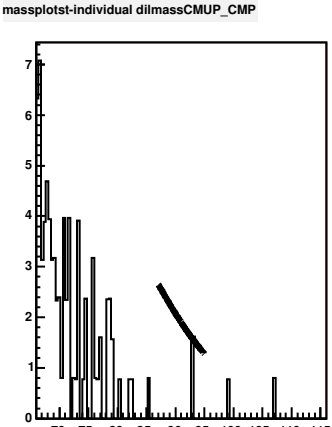
massplotst-individual dilmassCMUP_CMUP
integral
1.682171e+02
peak integral from gaussian
-7.983206e+03
peak integral error from gaussian
-1.340495e+06
Integral 66-116
1.878225e+03
Integral 66-116 Error
1.150382e+02
mean from gaussian
-8.031451e+02
mean error from gaussian
2.412486e+05
sigma from gaussian
-1.225862e+03
sigma error from gaussian
1.917809e+05

massplotst-individual dilmassCMUP_CMU



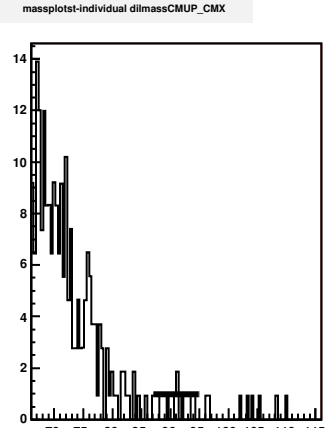
massplotst-individual dilmassCMUP_CMU
integral
6.200972e+01
peak integral from gaussian
-1.522796e+02
peak integral error from gaussian
-2.867565e+04
Integral 66-116
5.255533e+02
Integral 66-116 Error
5.886363e+01
mean from gaussian
9.935990e+01
mean error from gaussian
1.356812e+03
sigma from gaussian
-3.313319e+01
sigma error from gaussian
6.238716e+03

massplotst-individual dilmassCMUP_CMP



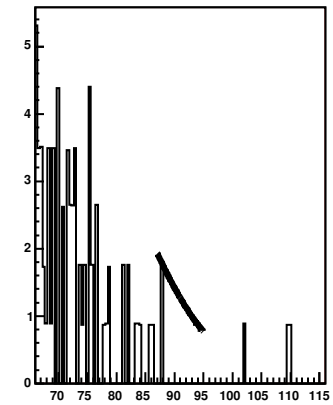
massplotst-individual dilmassCMUP_CMP
integral
7.873988e+01
peak integral from gaussian
-6.525387e+02
peak integral error from gaussian
-6.951289e+03
Integral 66-116
7.354827e+02
Integral 66-116 Error
6.530241e+01
mean from gaussian
6.455192e+01
mean error from gaussian
1.046257e+02
sigma from gaussian
-1.697538e+01
sigma error from gaussian
5.581884e+01

massplotst-individual dilmassCMUP_CMX



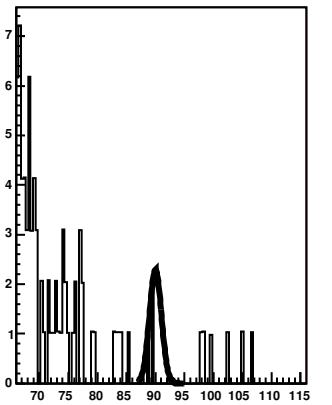
massplotst-individual dilmassCMUP_CMX
integral
2.254050e+02
peak integral from gaussian
-1.651278e+03
peak integral error from gaussian
-5.219201e+02
Integral 66-116
2.340289e+03
Integral 66-116 Error
1.433717e+02
mean from gaussian
1.138587e+02
mean error from gaussian
1.414213e+00
sigma from gaussian
-2.786589e+02
sigma error from gaussian
1.414213e+00

massplotst-individual dilmassCMUP_CMIO



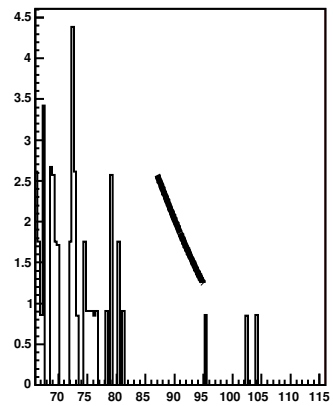
massplotst-individual dilmassCMUP_CMIO
integral
7.101438e+01
peak integral from gaussian
-4.738338e+02
peak integral error from gaussian
-5.207866e+03
Integral 66-116
7.342234e+02
Integral 66-116 Error
6.810434e+01
mean from gaussian
6.609608e+01
mean error from gaussian
1.014864e+02
sigma from gaussian
-1.465270e+01
sigma error from gaussian
6.130704e+01

massplotst-individual dilmassCMX_CMX



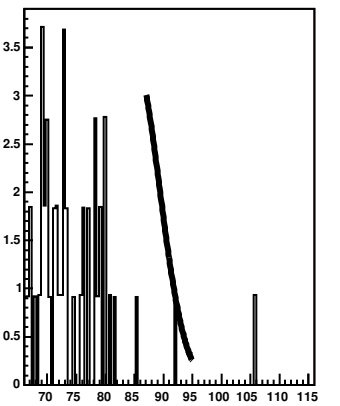
massplotst-individual dilmassCMX_CMX
integral
8.343551e+01
peak integral from gaussian
-1.415981e+01
peak integral error from gaussian
-1.018884e+02
Integral 66-116
8.234589e+02
Integral 66-116 Error
8.201045e+01
mean from gaussian
9.001120e+01
mean error from gaussian
1.089012e+01
sigma from gaussian
-1.025591e+00
sigma error from gaussian
6.351327e+00

massplotst-individual dilmassCMX_CMU



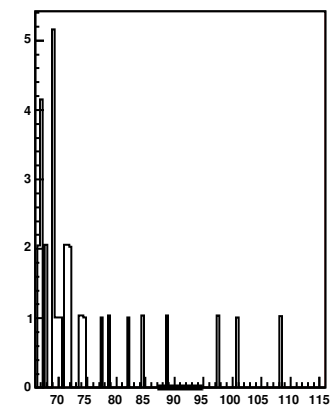
massplotst-individual dilmassCMX_CMU
integral
4.194126e+01
peak integral from gaussian
-3.778422e+02
peak integral error from gaussian
-1.274372e+02
Integral 66-116
3.129744e+02
Integral 66-116 Error
4.462021e+01
mean from gaussian
7.225000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
-1.430141e+01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassCMX_CMP



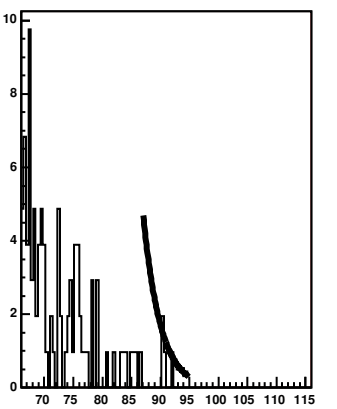
massplotst-individual dilmassCMX_CMP
integral
4.430463e+01
peak integral from gaussian
-8.934287e+01
peak integral error from gaussian
-1.336005e+03
Integral 66-116
3.822229e+02
Integral 66-116 Error
5.043820e+01
mean from gaussian
8.494487e+01
mean error from gaussian
3.943731e+01
sigma from gaussian
-4.402180e+00
sigma error from gaussian
2.096402e+01

massplotst-individual dilmassCMX_CMIO



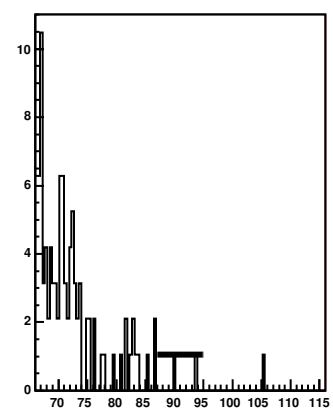
massplotst-individual dilmassCMX_CMIO
integral
3.400680e+01
peak integral from gaussian
3.400680e+01
peak integral error from gaussian
4.491274e+01
Integral 66-116
3.455786e+02
Integral 66-116 Error
4.400217e+01
mean from gaussian
6.891667e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.094665e+00
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassPHX_BMU



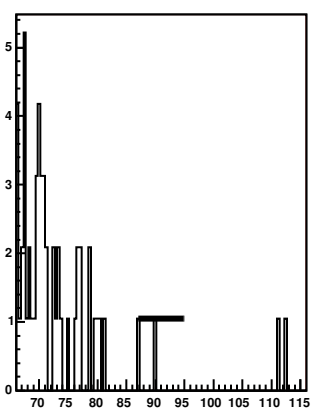
massplotst-individual dilmassPHX_BMU
integral
9.653457e+01
peak integral from gaussian
-6.931248e+08
peak integral error from gaussian
-2.470164e+10
Integral 66-116
8.493099e+02
Integral 66-116 Error
8.381022e+01
mean from gaussian
1.318114e+00
mean error from gaussian
2.551426e+02
sigma from gaussian
-1.606256e+01
sigma error from gaussian
3.951576e+01

massplotst-individual dilmassCMUP_BMU



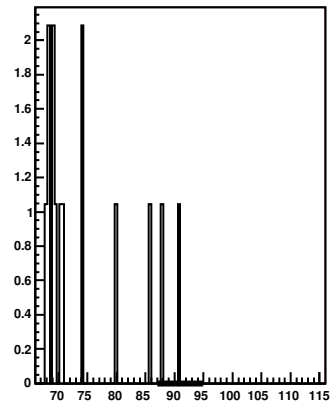
massplotst-individual dilmassCMUP_BMU
integral
1.048764e+02
peak integral from gaussian
-6.872355e+02
peak integral error from gaussian
-1.905801e+07
Integral 66-116
1.168324e+03
Integral 66-116 Error
9.289335e+01
mean from gaussian
9.183219e+01
mean error from gaussian
4.409911e+04
sigma from gaussian
-1.087622e+02
sigma error from gaussian
3.016129e+06

massplotst-individual dilmassCMX_BMU



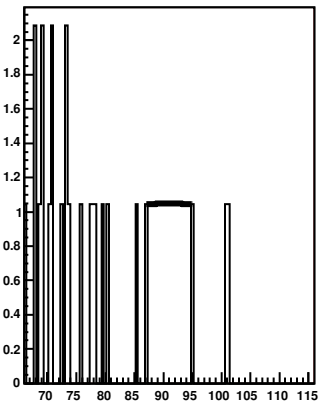
massplotst-individual dilmassCMX_BMU
integral
5.639528e+01
peak integral from gaussian
3.882759e+03
peak integral error from gaussian
1.403548e+10
Integral 66-116
6.840520e+02
Integral 66-116 Error
6.606730e+01
mean from gaussian
5.760823e+01
mean error from gaussian
1.551501e+02
sigma from gaussian
6.163991e+02
sigma error from gaussian
4.646512e+07

massplotst-individual dilmassBMU_BMU



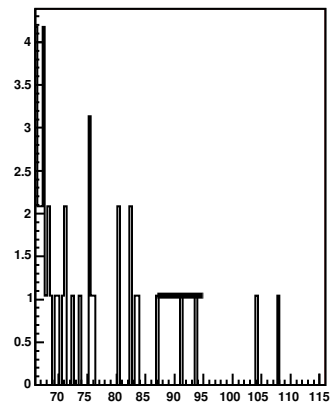
massplotst-individual dilmassBMU_BMU
integral
1.462100e+01
peak integral from gaussian
1.462100e+01
peak integral error from gaussian
2.036257e+01
Integral 66-116
1.524761e+02
Integral 66-116 Error
2.478443e+01
mean from gaussian
6.808333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.162019e+00
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassBMU_CMU



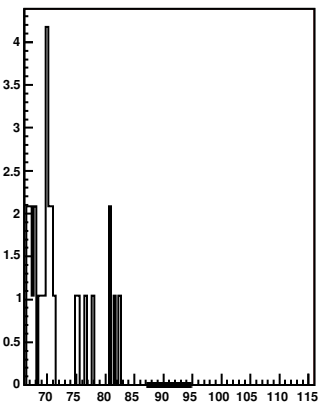
massplotst-individual dilmassBMU_CMU
integral
2.506457e+01
peak integral from gaussian
-2.813652e+02
peak integral error from gaussian
-3.914982e+05
Integral 66-116
1.754520e+02
Integral 66-116 Error
3.514977e+01
mean from gaussian
9.099886e+01
mean error from gaussian
6.092207e+02
sigma from gaussian
-4.454739e+01
sigma error from gaussian
6.198238e+04

massplotst-individual dilmassBMU_CMP



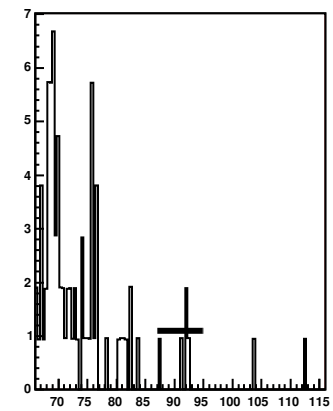
massplotst-individual dilmassBMU_CMP
integral
4.072992e+01
peak integral from gaussian
-1.660754e+03
peak integral error from gaussian
-8.780819e+07
Integral 66-116
2.109601e+02
Integral 66-116 Error
4.489114e+01
mean from gaussian
8.988284e+01
mean error from gaussian
1.526571e+05
sigma from gaussian
-2.639649e+02
sigma error from gaussian
1.395648e+07

massplotst-individual dilmassBMU_CMIO



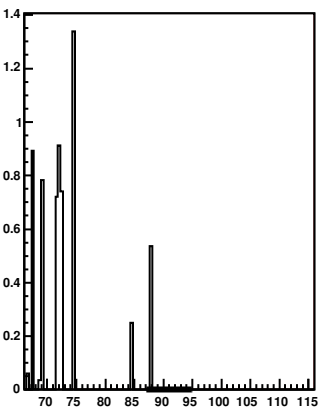
massplotst-individual dilmassBMU_CMIO
integral
2.819764e+01
peak integral from gaussian
2.819764e+01
peak integral error from gaussian
3.684646e+01
Integral 66-116
2.067827e+02
Integral 66-116 Error
3.609504e+01
mean from gaussian
6.975000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.120518e+00
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassTCE_SCMIO



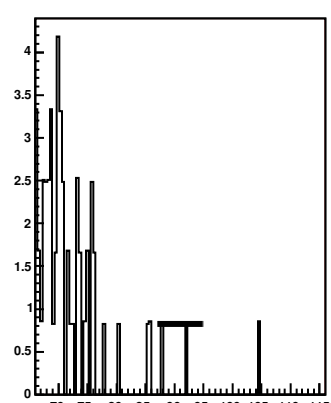
massplotst-individual dilmassTCE_SCMIO
integral
7.804098e+01
peak integral from gaussian
-5.298786e+08
peak integral error from gaussian
-3.369928e+10
Integral 66-116
7.972115e+02
Integral 66-116 Error
7.595600e+01
mean from gaussian
-2.402831e+07
mean error from gaussian
1.525076e+09
sigma from gaussian
-7.649276e+07
sigma error from gaussian
4.856975e+09

massplotst-individual dilmassPHX_SCMIO



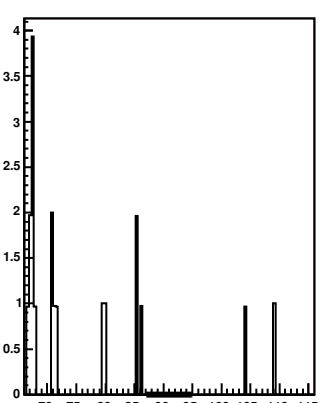
massplotst-individual dilmassPHX_SCMIO
integral
6.274585e+00
peak integral from gaussian
6.265669e+00
peak integral error from gaussian
1.317999e+01
Integral 66-116
1.096830e+02
Integral 66-116 Error
1.445983e+01
mean from gaussian
7.433333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
7.777159e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassCMUP_SCMIO



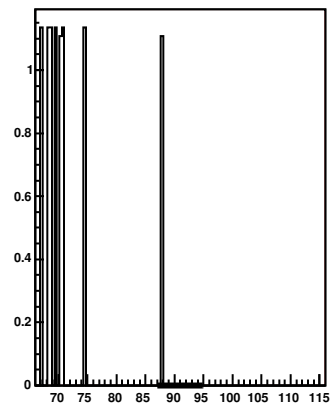
massplotst-individual dilmassCMUP_SCMIO
integral
4.921524e+01
peak integral from gaussian
-1.792250e+03
peak integral error from gaussian
-4.957076e+08
Integral 66-116
4.626183e+02
Integral 66-116 Error
5.120138e+01
mean from gaussian
9.002857e+01
mean error from gaussian
4.668077e+05
sigma from gaussian
-3.593894e+02
sigma error from gaussian
9.940135e+07

massplotst-individual dilmassCMX_SCMIO



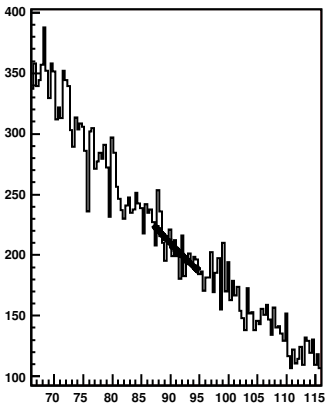
massplotst-individual dilmassCMX_SCMIO
integral
1.867679e+01
peak integral from gaussian
1.867679e+01
peak integral error from gaussian
3.420782e+01
Integral 66-116
1.892713e+02
Integral 66-116 Error
2.794135e+01
mean from gaussian
6.725000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
7.874213e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassBMU_SCMIO



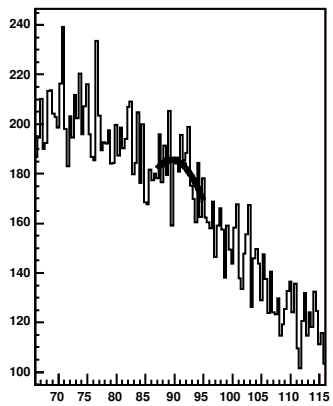
massplotst-individual dilmassBMU_SCMIO
integral
9.035358e+00
peak integral from gaussian
9.035358e+00
peak integral error from gaussian
1.483801e+01
Integral 66-116
1.129689e+02
Integral 66-116 Error
1.987161e+01
mean from gaussian
6.683333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.320016e+00
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassTCE_TCE



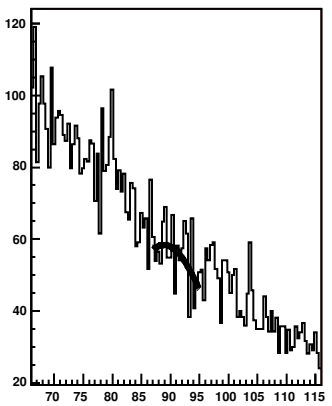
massplotst-individual dilmassTCE_TCE
integral
2.613762e+04
peak integral from gaussian
-4.165955e+07
peak integral error from gaussian
-1.000633e+08
Integral 66-116
7.205984e+04
Integral 66-116 Error
1.936946e+03
mean from gaussian
-3.691634e+02
mean error from gaussian
2.491035e+02
sigma from gaussian
-1.388200e+02
sigma error from gaussian
5.082931e+01

massplotst-individual dilmassTCE_PHX



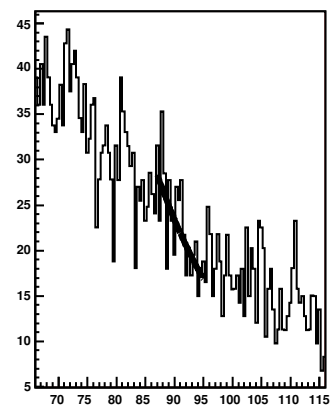
massplotst-individual dilmassTCE_PHX
integral
2.033865e+04
peak integral from gaussian
-1.404341e+04
peak integral error from gaussian
-7.060291e+03
Integral 66-116
3.424609e+04
Integral 66-116 Error
1.612730e+03
mean from gaussian
8.953830e+01
mean error from gaussian
1.801367e+00
sigma from gaussian
-1.255564e+01
sigma error from gaussian
6.306288e+00

massplotst-individual dilmassCMUP_CMUP



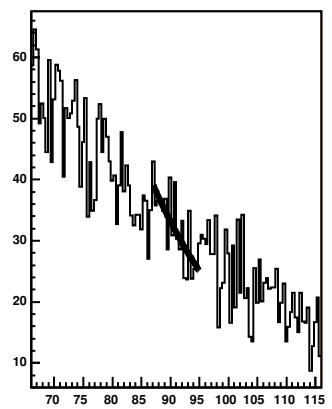
massplotst-individual dilmassCMUP_CMUP
integral
7.262775e+03
peak integral from gaussian
-3.114991e+03
peak integral error from gaussian
-1.342125e+03
Integral 66-116
2.118657e+04
Integral 66-116 Error
9.386500e+02
mean from gaussian
8.888284e+01
mean error from gaussian
1.983015e+00
sigma from gaussian
-8.856541e+00
sigma error from gaussian
3.802119e+00

massplotst-individual dilmassCMUP_CMU



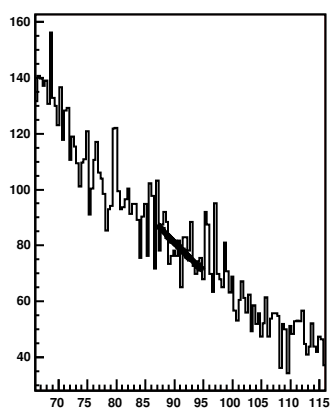
massplotst-individual dilmassCMUP_CMU
integral
2.882590e+03
peak integral from gaussian
-6.623379e+06
peak integral error from gaussian
-3.954418e+07
Integral 66-116
7.306159e+03
Integral 66-116 Error
5.546831e+02
mean from gaussian
-1.169363e+02
mean error from gaussian
1.849533e+02
sigma from gaussian
-5.642842e+01
sigma error from gaussian
2.677704e+01

massplotst-individual dilmassCMUP_CMP



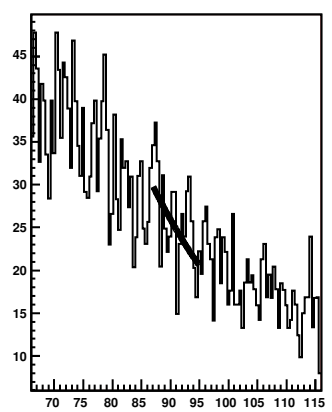
massplotst-individual dilmassCMUP_CMP
integral
3.994824e+03
peak integral from gaussian
-3.042819e+07
peak integral error from gaussian
-1.570076e+08
Integral 66-116
1.030232e+04
Integral 66-116 Error
6.729640e+02
mean from gaussian
-1.857470e+02
mean error from gaussian
2.023842e+02
sigma from gaussian
-7.036027e+01
sigma error from gaussian
3.093390e+01

massplotst-individual dilmassCMUP_CMX



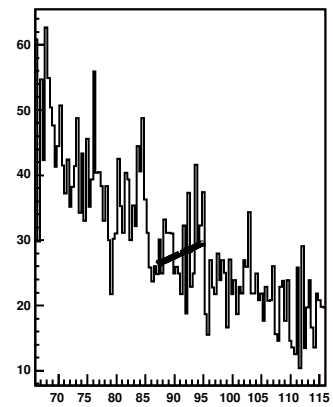
massplotst-individual dilmassCMUP_CMX
integral
9.913341e+03
peak integral from gaussian
-2.399220e+07
peak integral error from gaussian
-8.594977e+06
Integral 66-116
2.595688e+04
Integral 66-116 Error
1.151469e+03
mean from gaussian
-3.637771e+02
mean error from gaussian
1.379140e+01
sigma from gaussian
-1.318605e+02
sigma error from gaussian
3.892933e+00

massplotst-individual dilmassCMUP_CMIO



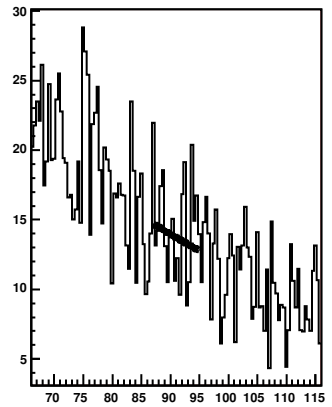
massplotst-individual dilmassCMUP_CMIO
integral
3.141199e+03
peak integral from gaussian
-1.338919e+08
peak integral error from gaussian
-4.136612e+08
Integral 66-116
7.861353e+03
Integral 66-116 Error
6.306388e+02
mean from gaussian
-3.029710e+02
mean error from gaussian
1.209424e+02
sigma from gaussian
-9.191394e+01
sigma error from gaussian
2.684156e+01

massplotst-individual dilmassCMX_CMX



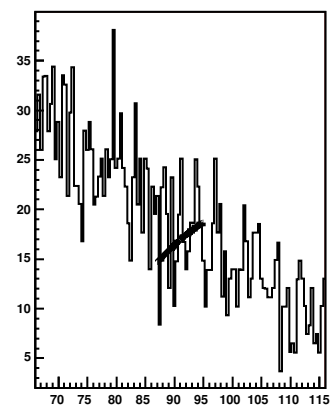
massplotst-individual dilmassCMX_CMX
integral
3.621311e+03
peak integral from gaussian
-1.644433e+07
peak integral error from gaussian
-1.232940e+08
Integral 66-116
8.412635e+03
Integral 66-116 Error
7.262271e+02
mean from gaussian
9.131546e+02
mean error from gaussian
1.625955e+03
sigma from gaussian
-2.369129e+02
sigma error from gaussian
3.764472e+02

massplotst-individual dilmassCMX_CMU



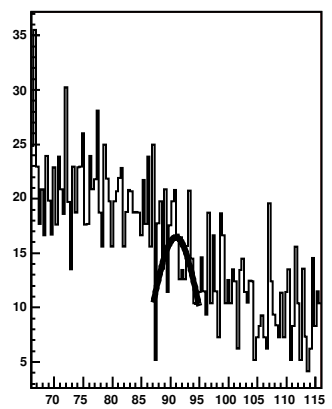
massplotst-individual dilmassCMX_CMU
integral
1.743328e+03
peak integral from gaussian
-1.740135e+07
peak integral error from gaussian
-1.130485e+08
Integral 66-116
3.988057e+03
Integral 66-116 Error
4.630593e+02
mean from gaussian
-6.886753e+02
mean error from gaussian
1.132278e+03
sigma from gaussian
-2.096994e+02
sigma error from gaussian
2.586385e+02

massplotst-individual dilmassCMX_CMP



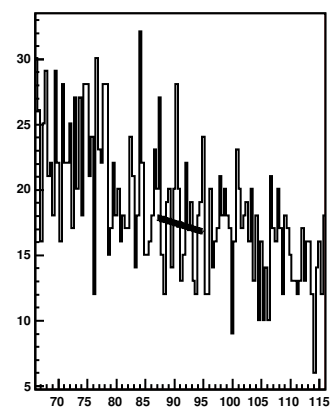
massplotst-individual dilmassCMX_CMP
integral
2.265566e+03
peak integral from gaussian
-2.220063e+03
peak integral error from gaussian
-2.997273e+03
Integral 66-116
5.309551e+03
Integral 66-116 Error
5.417319e+02
mean from gaussian
1.014613e+02
mean error from gaussian
2.564146e+01
sigma from gaussian
-1.854503e+01
sigma error from gaussian
2.400613e+01

massplotst-individual dilmassCMX_CMIO



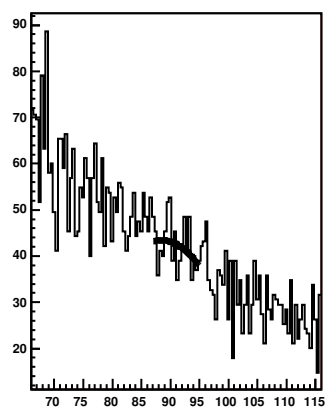
massplotst-individual dilmassCMX_CMIO
integral
1.889249e+03
peak integral from gaussian
-4.048464e+02
peak integral error from gaussian
-9.178003e+01
Integral 66-116
4.154867e+03
Integral 66-116 Error
5.211188e+02
mean from gaussian
9.093423e+01
mean error from gaussian
4.526208e-01
sigma from gaussian
-4.081190e+00
sigma error from gaussian
8.530882e-01

massplotst-individual dilmassPHX_BMU



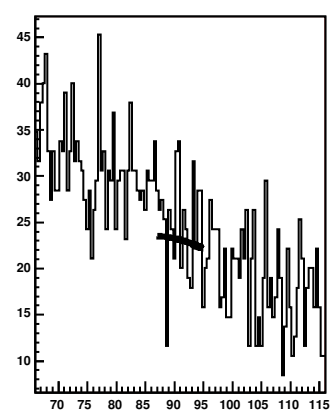
massplotst-individual dilmassPHX_BMU
integral
2.235089e+03
peak integral from gaussian
-2.678328e+06
peak integral error from gaussian
-2.882522e+07
Integral 66-116
5.020237e+03
Integral 66-116 Error
5.625400e+02
mean from gaussian
-9.711200e+02
mean error from gaussian
4.808549e+03
sigma from gaussian
-3.641269e+02
sigma error from gaussian
1.356335e+03

massplotst-individual dilmassCMUP_BMU



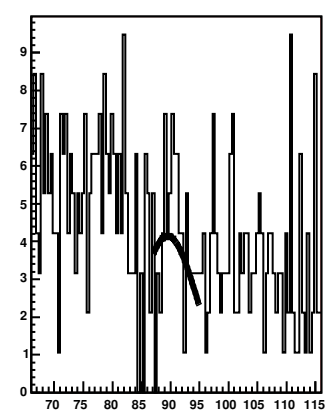
massplotst-individual dilmassCMUP_BMU
integral
5.104761e+03
peak integral from gaussian
-3.263978e+03
peak integral error from gaussian
-3.597176e+03
Integral 66-116
1.156262e+04
Integral 66-116 Error
8.699638e+02
mean from gaussian
8.848447e+01
mean error from gaussian
5.964767e+00
sigma from gaussian
-1.247356e+01
sigma error from gaussian
1.373231e+01

massplotst-individual dilmassCMX_BMU



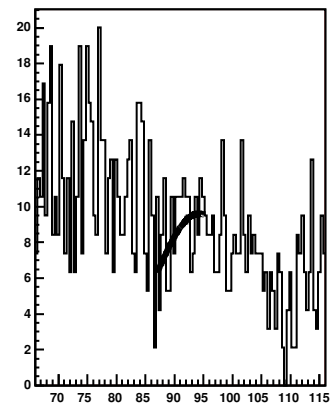
massplotst-individual dilmassCMX_BMU
integral
2.979974e+03
peak integral from gaussian
-3.472324e+03
peak integral error from gaussian
-2.101365e+04
Integral 66-116
6.508188e+03
Integral 66-116 Error
6.638482e+02
mean from gaussian
8.642289e+01
mean error from gaussian
5.785068e+01
sigma from gaussian
-2.451351e+01
sigma error from gaussian
1.482763e+02

massplotst-individual dilmassBMU_BMU



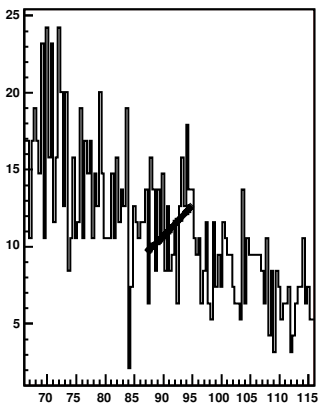
massplotst-individual dilmassBMU_BMU
integral
5.145884e+02
peak integral from gaussian
-1.254181e+02
peak integral error from gaussian
-1.089600e+02
Integral 66-116
1.345526e+03
Integral 66-116 Error
2.725917e+02
mean from gaussian
8.952057e+01
mean error from gaussian
2.524446e+00
sigma from gaussian
-5.022985e+00
sigma error from gaussian
4.263337e+00

massplotst-individual dilmassBMU_CMU



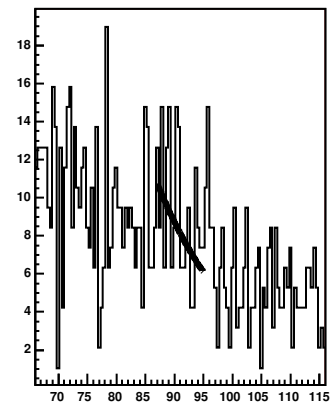
massplotst-individual dilmassBMU_CMU
integral
1.097718e+03
peak integral from gaussian
4.504495e+02
peak integral error from gaussian
4.774838e+02
Integral 66-116
2.155372e+03
Integral 66-116 Error
3.934433e+02
mean from gaussian
9.417028e+01
mean error from gaussian
6.772296e+00
sigma from gaussian
7.790641e+00
sigma error from gaussian
8.183834e+00

massplotst-individual dilmassBMU_CMP



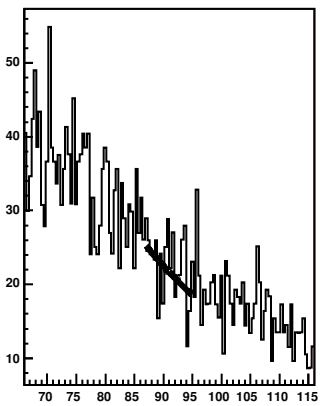
massplotst-individual dilmassBMU_CMP
integral
1.352903e+03
peak integral from gaussian
-5.154244e+07
peak integral error from gaussian
-2.713973e+08
Integral 66-116
2.609847e+03
Integral 66-116 Error
4.391044e+02
mean from gaussian
5.945710e+02
mean error from gaussian
5.781395e+02
sigma from gaussian
-1.202569e+02
sigma error from gaussian
1.188924e+02

massplotst-individual dilmassBMU_CMIO



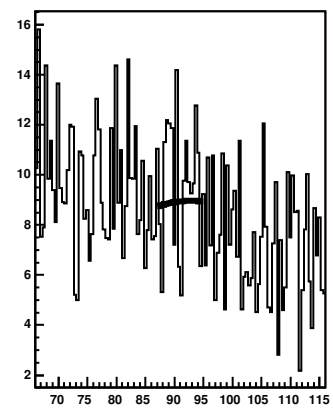
massplotst-individual dilmassBMU_CMIO
integral
9.511449e+02
peak integral from gaussian
-7.116775e+07
peak integral error from gaussian
-4.755000e+08
Integral 66-116
1.848516e+03
Integral 66-116 Error
3.654222e+02
mean from gaussian
-1.906253e+02
mean error from gaussian
2.485838e+02
sigma from gaussian
-6.281746e+01
sigma error from gaussian
4.023795e+01

massplotst-individual dilmassTCE_SCMIO



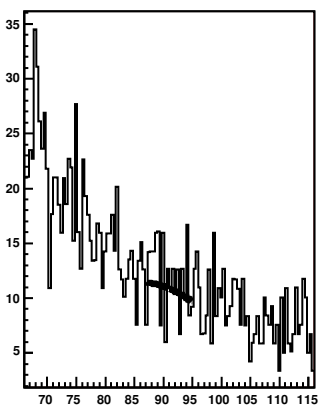
massplotst-individual dilmassTCE_SCMIO
integral
2.972003e+03
peak integral from gaussian
-2.094915e+05
peak integral error from gaussian
-1.405492e+05
Integral 66-116
7.966217e+03
Integral 66-116 Error
6.406245e+02
mean from gaussian
-7.404253e+01
mean error from gaussian
1.804418e+01
sigma from gaussian
-6.520209e+01
sigma error from gaussian
6.517509e+00

massplotst-individual dilmassPHX_SCMIO



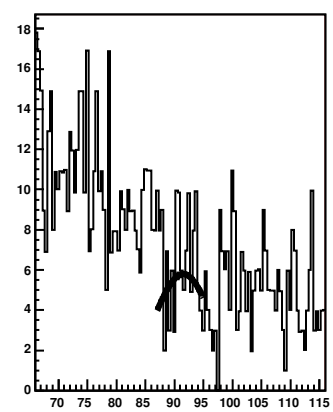
massplotst-individual dilmassPHX_SCMIO
integral
1.032583e+03
peak integral from gaussian
-1.408717e+03
peak integral error from gaussian
-1.716982e+04
Integral 66-116
1.869442e+03
Integral 66-116 Error
3.522640e+02
mean from gaussian
9.286570e+01
mean error from gaussian
5.255087e+01
sigma from gaussian
-2.608954e+01
sigma error from gaussian
3.179763e+02

massplotst-individual dilmassCMUP_SCMIO



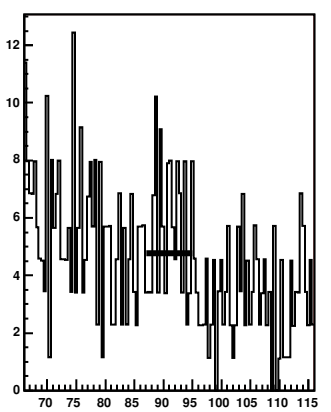
massplotst-individual dilmassCMUP_SCMIO
integral
1.552514e+03
peak integral from gaussian
-1.077519e+03
peak integral error from gaussian
-3.001414e+03
Integral 66-116
4.281244e+03
Integral 66-116 Error
4.317440e+02
mean from gaussian
8.589498e+01
mean error from gaussian
2.823282e+01
sigma from gaussian
-1.560558e+01
sigma error from gaussian
4.328171e+01

massplotst-individual dilmassCMX_SCMIO



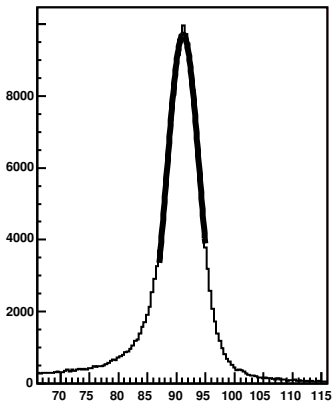
massplotst-individual dilmassCMX_SCMIO
integral
9.024361e+02
peak integral from gaussian
-1.800588e+02
peak integral error from gaussian
-1.227696e+02
Integral 66-116
2.176604e+03
Integral 66-116 Error
3.504105e+02
mean from gaussian
9.149324e+01
mean error from gaussian
1.137626e+00
sigma from gaussian
-5.159139e+00
sigma error from gaussian
3.408018e+00

massplotst-individual dilmassBMU_SCMIO



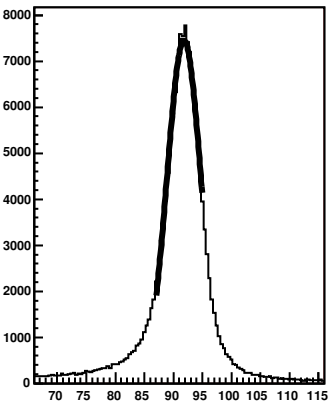
massplotst-individual dilmassBMU_SCMIO
integral
5.531771e+02
peak integral from gaussian
-7.409833e+07
peak integral error from gaussian
-4.477031e+09
Integral 66-116
1.164715e+03
Integral 66-116 Error
2.874095e+02
mean from gaussian
-2.503093e+05
mean error from gaussian
2.901251e+08
sigma from gaussian
-2.568350e+06
sigma error from gaussian
1.526886e+08

massplotst-individual dilmassTCE_TCE



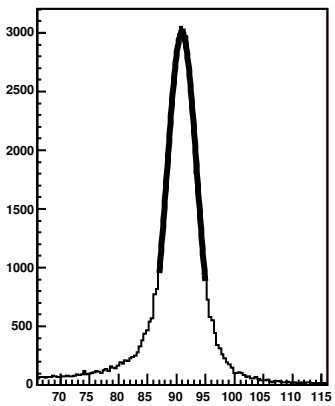
massplotst-individual dilmassTCE_TCE
integral
2.025700e+05
peak integral from gaussian
1.649328e+05
peak integral error from gaussian
9.831994e+02
Integral 66-116
2.239994e+05
Integral 66-116 Error
3.932513e+03
mean from gaussian
9.114925e+01
mean error from gaussian
1.014602e-02
sigma from gaussian
2.820068e+00
sigma error from gaussian
1.326647e-02

massplotst-individual dilmassTCE_PHX



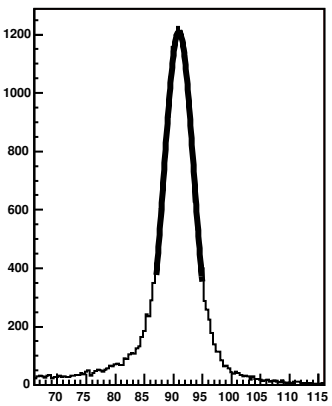
massplotst-individual dilmassTCE_PHX
integral
1.539673e+05
peak integral from gaussian
1.301612e+05
peak integral error from gaussian
8.904429e+02
Integral 66-116
1.608609e+05
Integral 66-116 Error
3.248818e+03
mean from gaussian
9.181983e+01
mean error from gaussian
1.317463e-02
sigma from gaussian
2.900190e+00
sigma error from gaussian
1.612846e-02

massplotst-individual dilmassCMUP_CMUP



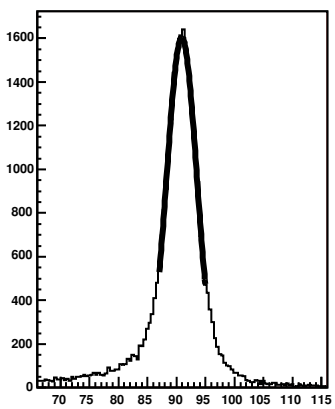
massplotst-individual dilmassCMUP_CMUP
integral
5.655663e+04
peak integral from gaussian
4.659422e+04
peak integral error from gaussian
4.320211e+02
Integral 66-116
6.206035e+04
Integral 66-116 Error
1.858557e+03
mean from gaussian
9.093854e+01
mean error from gaussian
1.478735e-02
sigma from gaussian
2.578292e+00
sigma error from gaussian
1.788433e-02

massplotst-individual dilmassCMUP_CMU



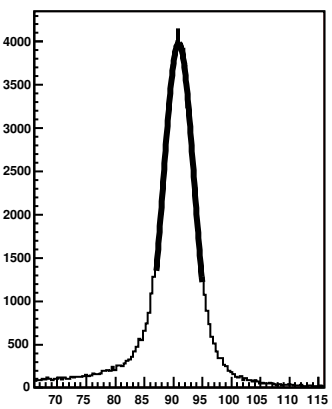
massplotst-individual dilmassCMUP_CMU
integral
2.275452e+04
peak integral from gaussian
1.865865e+04
peak integral error from gaussian
2.590705e+02
Integral 66-116
2.452548e+04
Integral 66-116 Error
1.117798e+03
mean from gaussian
9.094854e+01
mean error from gaussian
2.191490e-02
sigma from gaussian
2.560853e+00
sigma error from gaussian
2.653000e-02

massplotst-individual dilmassCMUP_CMP



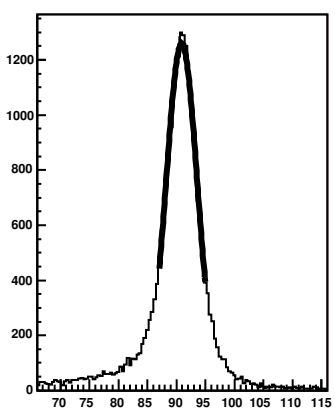
massplotst-individual dilmassCMUP_CMP
integral
3.062057e+04
peak integral from gaussian
2.508456e+04
peak integral error from gaussian
3.102743e+02
Integral 66-116
3.298558e+04
Integral 66-116 Error
1.334745e+03
mean from gaussian
9.090691e+01
mean error from gaussian
1.999912e-02
sigma from gaussian
2.596917e+00
sigma error from gaussian
2.410034e-02

massplotst-individual dilmassCMUP_CMX



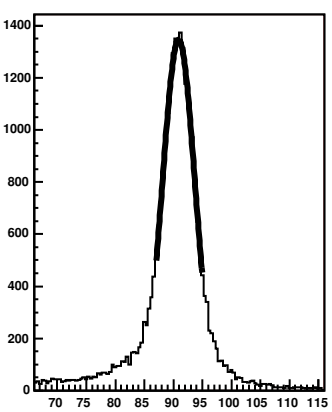
massplotst-individual dilmassCMUP_CMX
integral
7.708808e+04
peak integral from gaussian
6.315362e+04
peak integral error from gaussian
5.442829e+02
Integral 66-116
8.387095e+04
Integral 66-116 Error
2.305008e+03
mean from gaussian
9.091551e+01
mean error from gaussian
1.399752e-02
sigma from gaussian
2.635068e+00
sigma error from gaussian
1.721575e-02

massplotst-individual dilmassCMUP_CMIO



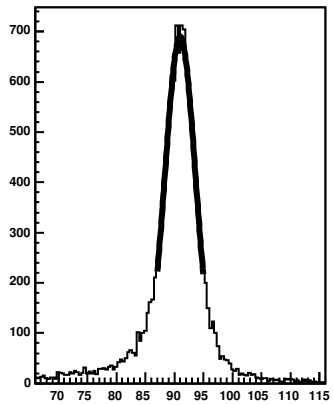
massplotst-individual dilmassCMUP_CMIO
integral
2.452191e+04
peak integral from gaussian
2.022797e+04
peak integral error from gaussian
3.053161e+02
Integral 66-116
2.650191e+04
Integral 66-116 Error
1.262489e+03
mean from gaussian
9.089292e+01
mean error from gaussian
2.472472e-02
sigma from gaussian
2.666382e+00
sigma error from gaussian
3.075323e-02

massplotst-individual dilmassCMX_CMX



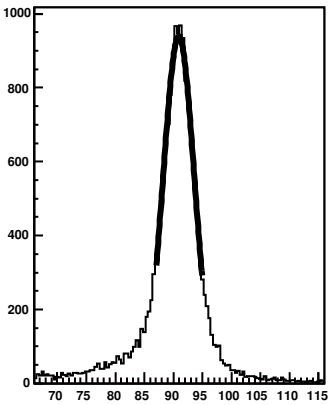
massplotst-individual dilmassCMX_CMX
integral
2.690185e+04
peak integral from gaussian
2.223725e+04
peak integral error from gaussian
3.556204e+02
Integral 66-116
2.894307e+04
Integral 66-116 Error
1.445843e+03
mean from gaussian
9.090735e+01
mean error from gaussian
2.691204e-02
sigma from gaussian
2.743518e+00
sigma error from gaussian
3.402949e-02

massplotst-individual dilmassCMX_CMU



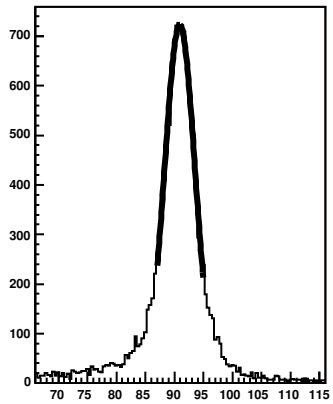
massplotst-individual dilmassCMX_CMU
integral
1.325464e+04
peak integral from gaussian
1.087367e+04
peak integral error from gaussian
2.183527e+02
Integral 66-116
1.414457e+04
Integral 66-116 Error
9.173539e+02
mean from gaussian
9.097975e+01
mean error from gaussian
3.236228e-02
sigma from gaussian
2.618703e+00
sigma error from gaussian
3.973987e-02

massplotst-individual dilmassCMX_CMP



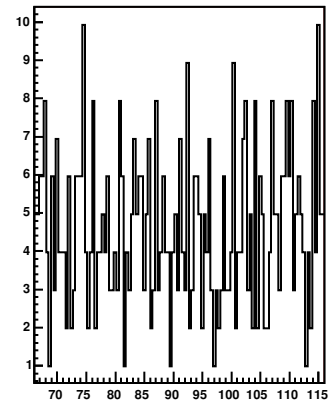
massplotst-individual dilmassCMX_CMP
integral
1.810070e+04
peak integral from gaussian
1.493679e+04
peak integral error from gaussian
2.643278e+02
Integral 66-116
1.935716e+04
Integral 66-116 Error
1.109392e+03
mean from gaussian
9.091780e+01
mean error from gaussian
2.894464e-02
sigma from gaussian
2.641344e+00
sigma error from gaussian
3.544991e-02

massplotst-individual dilmassCMX_CMIO



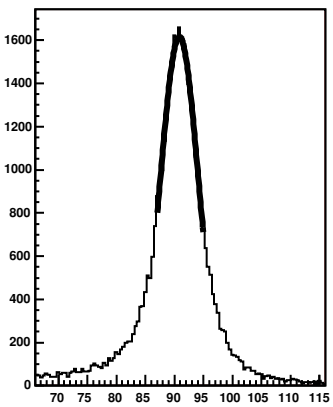
massplotst-individual dilmassCMX_CMIO
integral
1.381324e+04
peak integral from gaussian
1.128564e+04
peak integral error from gaussian
2.389916e+02
Integral 66-116
1.480213e+04
Integral 66-116 Error
1.026633e+03
mean from gaussian
9.090989e+01
mean error from gaussian
3.397995e-02
sigma from gaussian
2.591883e+00
sigma error from gaussian
4.119970e-02

massplotst-individual dilmassPHX_BMU



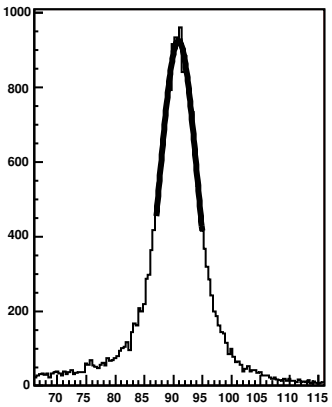
massplotst-individual dilmassPHX_BMU
integral
5.498443e+02
peak integral from gaussian
-4.565505e+01
peak integral error from gaussian
-8.480307e+01
Integral 66-116
1.182063e+03
Integral 66-116 Error
2.719724e+02
mean from gaussian
7.433333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
-7.636140e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassCMUP_BMU



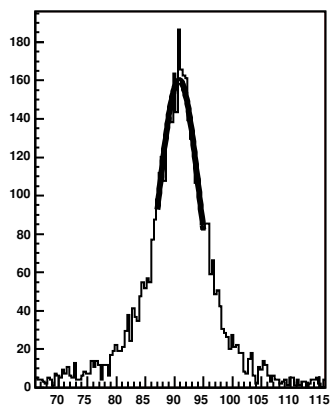
massplotst-individual dilmassCMUP_BMU
integral
3.892207e+04
peak integral from gaussian
3.126831e+04
peak integral error from gaussian
5.386629e+02
Integral 66-116
4.179839e+04
Integral 66-116 Error
1.831627e+03
mean from gaussian
9.084152e+01
mean error from gaussian
3.142653e-02
sigma from gaussian
3.214990e+00
sigma error from gaussian
4.690562e-02

massplotst-individual dilmassCMX_BMU



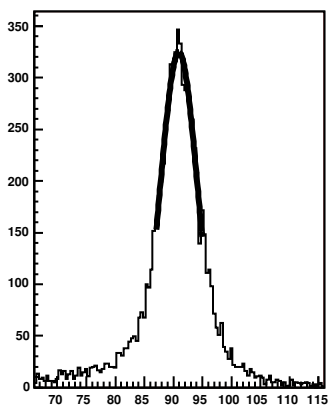
massplotst-individual dilmassCMX_BMU
integral
2.230493e+04
peak integral from gaussian
1.795207e+04
peak integral error from gaussian
4.044432e+02
Integral 66-116
2.395111e+04
Integral 66-116 Error
1.389641e+03
mean from gaussian
9.088099e+01
mean error from gaussian
4.163846e-02
sigma from gaussian
3.223793e+00
sigma error from gaussian
6.144695e-02

massplotst-individual dilmassBMU_BMU



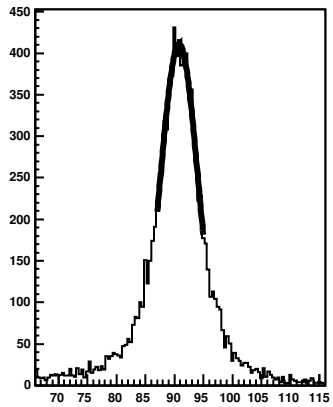
massplotst-individual dilmassBMU_BMU
integral
4.428057e+03
peak integral from gaussian
3.474778e+03
peak integral error from gaussian
2.197523e+02
Integral 66-116
4.758133e+03
Integral 66-116 Error
6.270959e+02
mean from gaussian
9.080537e+01
mean error from gaussian
1.209143e-01
sigma from gaussian
3.604897e+00
sigma error from gaussian
2.027916e-01

massplotst-individual dilmassBMU_CMU



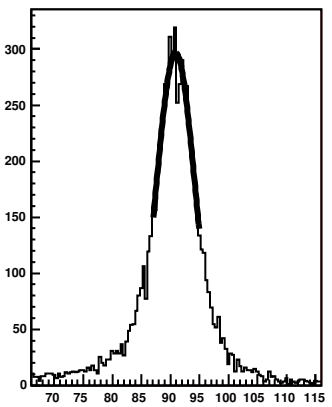
massplotst-individual dilmassBMU_CMU
integral
7.717206e+03
peak integral from gaussian
6.214270e+03
peak integral error from gaussian
2.342343e+02
Integral 66-116
8.121101e+03
Integral 66-116 Error
8.014435e+02
mean from gaussian
9.094307e+01
mean error from gaussian
6.842599e-02
sigma from gaussian
3.178579e+00
sigma error from gaussian
1.007651e-01

massplotst-individual dilmassBMU_CMP



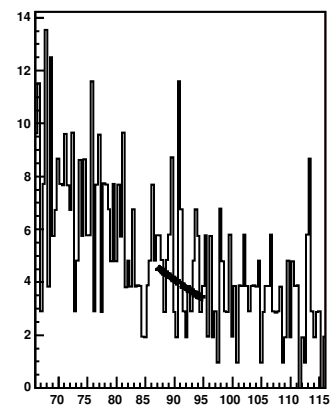
massplotst-individual dilmassBMU_CMP
integral
1.006465e+04
peak integral from gaussian
8.035826e+03
peak integral error from gaussian
2.737547e+02
Integral 66-116
1.063622e+04
Integral 66-116 Error
9.249460e+02
mean from gaussian
9.080614e+01
mean error from gaussian
6.365015e-02
sigma from gaussian
3.248854e+00
sigma error from gaussian
9.400097e-02

massplotst-individual dilmassBMU_CMIO



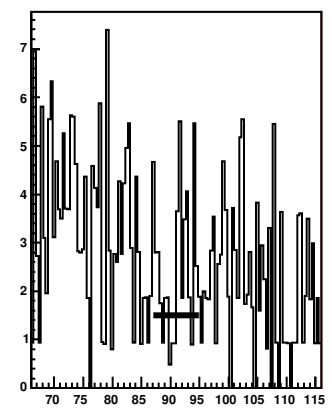
massplotst-individual dilmassBMU_CMIO
integral
7.261637e+03
peak integral from gaussian
5.906092e+03
peak integral error from gaussian
2.355391e+02
Integral 66-116
7.689787e+03
Integral 66-116 Error
7.840101e+02
mean from gaussian
9.089954e+01
mean error from gaussian
7.553333e-02
sigma from gaussian
3.306514e+00
sigma error from gaussian
1.123089e-01

massplotst-individual dilmassTCE_SCMIO



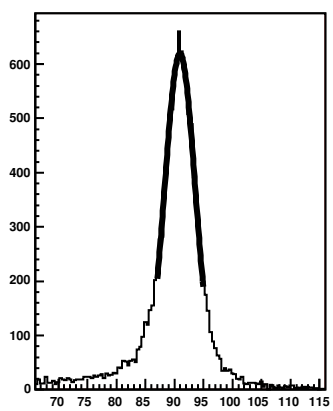
massplotst-individual dilmassTCE_SCMIO
integral
5.927434e+02
peak integral from gaussian
-5.105854e+07
peak integral error from gaussian
-4.417919e+08
Integral 66-116
1.811335e+03
Integral 66-116 Error
2.832638e+02
mean from gaussian
-4.190897e+02
mean error from gaussian
8.829949e+02
sigma from gaussian
-1.149951e+02
sigma error from gaussian
1.729605e+02

massplotst-individual dilmassPHX_SCMIO



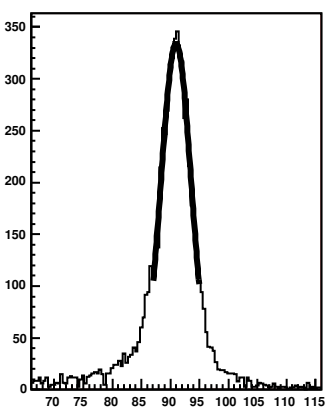
massplotst-individual dilmassPHX_SCMIO
integral
3.277684e+02
peak integral from gaussian
6.406604e+08
peak integral error from gaussian
6.844744e+09
Integral 66-116
5.870758e+02
Integral 66-116 Error
1.891505e+02
mean from gaussian
-2.944973e+07
mean error from gaussian
3.131890e+08
sigma from gaussian
6.380959e+07
sigma error from gaussian
6.785658e+08

massplotst-individual dilmassCMUP_SCMIO



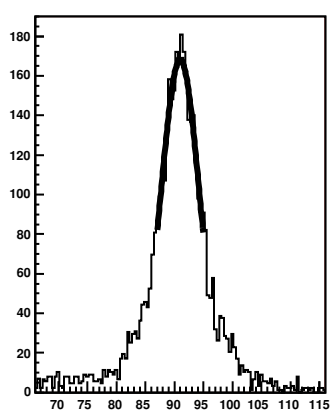
massplotst-individual dilmassCMUP_SCMIO
integral
1.196455e+04
peak integral from gaussian
9.764573e+03
peak integral error from gaussian
2.017416e+02
Integral 66-116
1.303082e+04
Integral 66-116 Error
8.589408e+02
mean from gaussian
9.093701e+01
mean error from gaussian
3.342320e-02
sigma from gaussian
2.619591e+00
sigma error from gaussian
4.086165e-02

massplotst-individual dilmassCMX_SCMIO



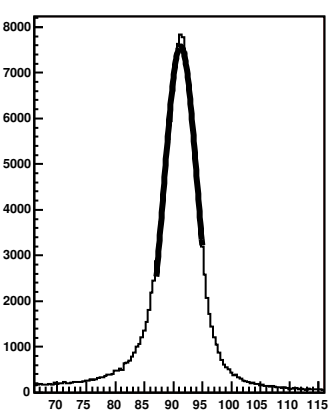
massplotst-individual dilmassCMX_SCMIO
integral
6.459101e+03
peak integral from gaussian
5.198547e+03
peak integral error from gaussian
1.568156e+02
Integral 66-116
7.007366e+03
Integral 66-116 Error
6.850385e+02
mean from gaussian
9.097479e+01
mean error from gaussian
4.858963e-02
sigma from gaussian
2.585760e+00
sigma error from gaussian
5.830328e-02

massplotst-individual dilmassBMU_SCMIO



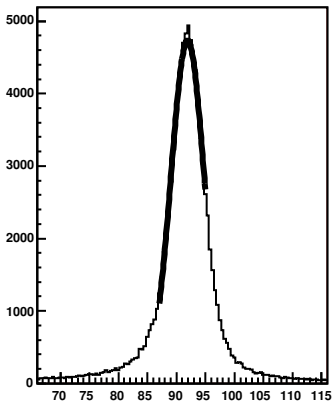
massplotst-individual dilmassBMU_SCMIO
integral
4.139476e+03
peak integral from gaussian
3.328195e+03
peak integral error from gaussian
1.910604e+02
Integral 66-116
4.417086e+03
Integral 66-116 Error
6.123613e+02
mean from gaussian
9.097622e+01
mean error from gaussian
1.040506e-01
sigma from gaussian
3.286810e+00
sigma error from gaussian
1.615956e-01

massplotst-individual dilmassTCE_TCE



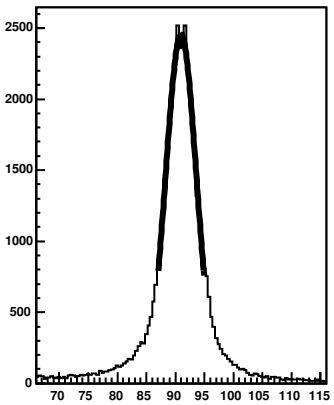
massplotst-individual dilmassTCE_TCE
integral
1.568371e+05
peak integral from gaussian
1.297222e+05
peak integral error from gaussian
8.885455e+02
Integral 66-116
1.769655e+05
Integral 66-116 Error
3.470656e+03
mean from gaussian
9.124801e+01
mean error from gaussian
1.168201e-02
sigma from gaussian
2.841640e+00
sigma error from gaussian
1.546749e-02

massplotst-individual dilmassTCE_PHX



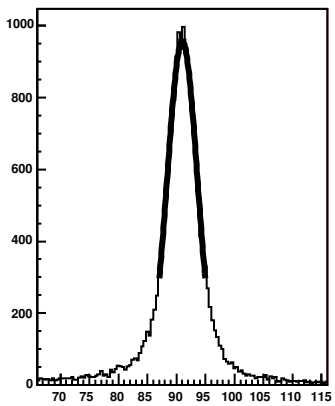
massplotst-individual dilmassTCE_PHX
integral
9.604693e+04
peak integral from gaussian
8.140350e+04
peak integral error from gaussian
6.931216e+02
Integral 66-116
1.001852e+05
Integral 66-116 Error
2.554632e+03
mean from gaussian
9.191063e+01
mean error from gaussian
1.672566e-02
sigma from gaussian
2.854660e+00
sigma error from gaussian
1.964403e-02

massplotst-individual dilmassCMUP_CMUP



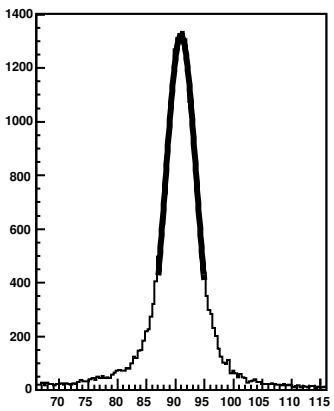
massplotst-individual dilmassCMUP_CMUP
integral
4.662953e+04
peak integral from gaussian
3.856066e+04
peak integral error from gaussian
3.984078e+02
Integral 66-116
5.253390e+04
Integral 66-116 Error
1.699641e+03
mean from gaussian
9.096218e+01
mean error from gaussian
1.662332e-02
sigma from gaussian
2.610727e+00
sigma error from gaussian
2.033384e-02

massplotst-individual dilmassCMUP_CMU



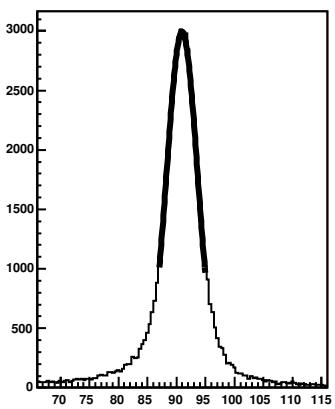
massplotst-individual dilmassCMUP_CMU
integral
1.799692e+04
peak integral from gaussian
1.492497e+04
peak integral error from gaussian
2.352122e+02
Integral 66-116
1.971795e+04
Integral 66-116 Error
9.976206e+02
mean from gaussian
9.100115e+01
mean error from gaussian
2.502203e-02
sigma from gaussian
2.590872e+00
sigma error from gaussian
3.070365e-02

massplotst-individual dilmassCMUP_CMP



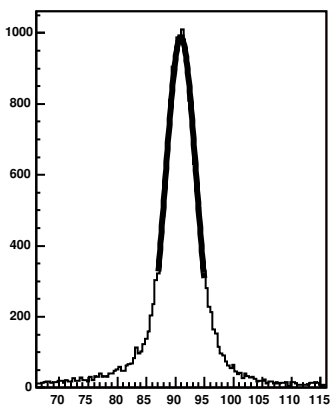
massplotst-individual dilmassCMUP_CMP
integral
2.529405e+04
peak integral from gaussian
2.080021e+04
peak integral error from gaussian
2.876781e+02
Integral 66-116
2.781773e+04
Integral 66-116 Error
1.220625e+03
mean from gaussian
9.096615e+01
mean error from gaussian
2.219552e-02
sigma from gaussian
2.615707e+00
sigma error from gaussian
2.733930e-02

massplotst-individual dilmassCMUP_CMX



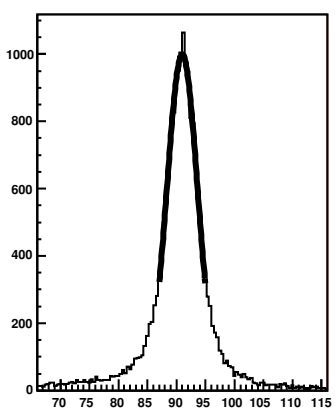
massplotst-individual dilmassCMUP_CMX
integral
5.787435e+04
peak integral from gaussian
4.793124e+04
peak integral error from gaussian
4.790807e+02
Integral 66-116
6.400665e+04
Integral 66-116 Error
2.000352e+03
mean from gaussian
9.096076e+01
mean error from gaussian
1.632884e-02
sigma from gaussian
2.660358e+00
sigma error from gaussian
2.026666e-02

massplotst-individual dilmassCMUP_CMIO



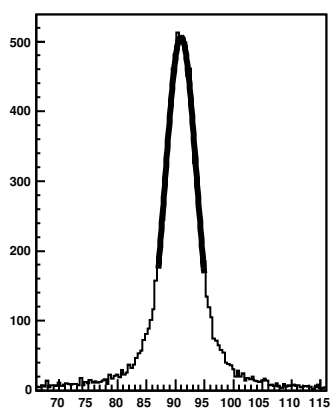
massplotst-individual dilmassCMUP_CMIO
integral
1.891779e+04
peak integral from gaussian
1.565165e+04
peak integral error from gaussian
2.622137e+02
Integral 66-116
2.066541e+04
Integral 66-116 Error
1.111623e+03
mean from gaussian
9.094813e+01
mean error from gaussian
2.732339e-02
sigma from gaussian
2.631766e+00
sigma error from gaussian
3.332189e-02

massplotst-individual dilmassCMX_CMX



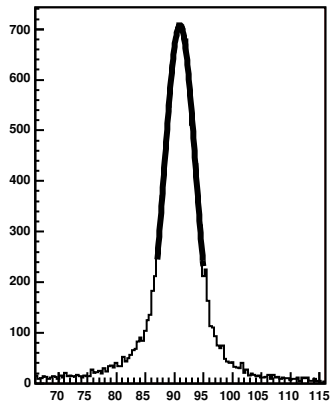
massplotst-individual dilmassCMX_CMX
integral
1.925382e+04
peak integral from gaussian
1.579859e+04
peak integral error from gaussian
2.848185e+02
Integral 66-116
2.135976e+04
Integral 66-116 Error
1.221836e+03
mean from gaussian
9.098906e+01
mean error from gaussian
2.931589e-02
sigma from gaussian
2.625985e+00
sigma error from gaussian
3.574689e-02

massplotst-individual dilmassCMX_CMU



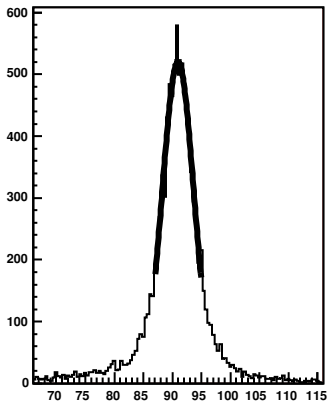
massplotst-individual dilmassCMX_CMU
integral
9.791205e+03
peak integral from gaussian
8.214708e+03
peak integral error from gaussian
1.964501e+02
Integral 66-116
1.063791e+04
Integral 66-116 Error
7.921453e+02
mean from gaussian
9.096384e+01
mean error from gaussian
3.914651e-02
sigma from gaussian
2.690686e+00
sigma error from gaussian
4.945434e-02

massplotst-individual dilmassCMX_CMP



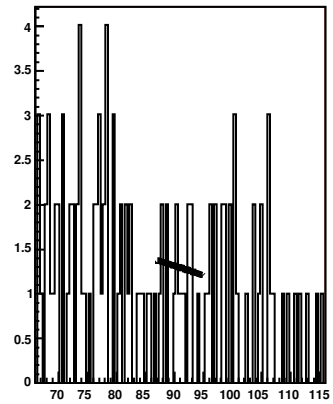
massplotst-individual dilmassCMX_CMP
integral
1.370893e+04
peak integral from gaussian
1.144397e+04
peak integral error from gaussian
2.342580e+02
Integral 66-116
1.476426e+04
Integral 66-116 Error
9.673803e+02
mean from gaussian
9.094693e+01
mean error from gaussian
3.403956e-02
sigma from gaussian
2.685737e+00
sigma error from gaussian
4.202782e-02

massplotst-individual dilmassCMX_CMIO



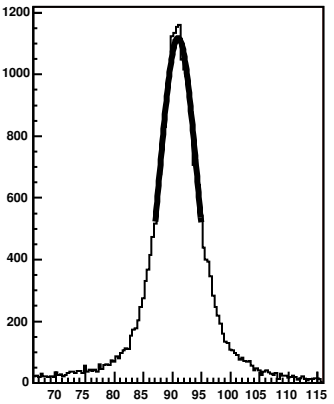
massplotst-individual dilmassCMX_CMIO
integral
1.015276e+04
peak integral from gaussian
8.385325e+03
peak integral error from gaussian
2.163986e+02
Integral 66-116
1.107047e+04
Integral 66-116 Error
8.819089e+02
mean from gaussian
9.096761e+01
mean error from gaussian
4.176347e-02
sigma from gaussian
2.676994e+00
sigma error from gaussian
5.305766e-02

massplotst-individual dilmassPHX_BMU



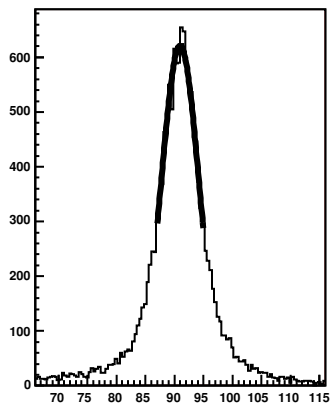
massplotst-individual dilmassPHX_BMU
integral
1.135028e+02
peak integral from gaussian
3.658197e+02
peak integral error from gaussian
3.041288e+03
Integral 66-116
3.224287e+02
Integral 66-116 Error
1.009348e+02
mean from gaussian
6.673792e+01
mean error from gaussian
3.678092e+02
sigma from gaussian
3.838986e+01
sigma error from gaussian
2.812885e+02

massplotst-individual dilmassCMUP_BMU



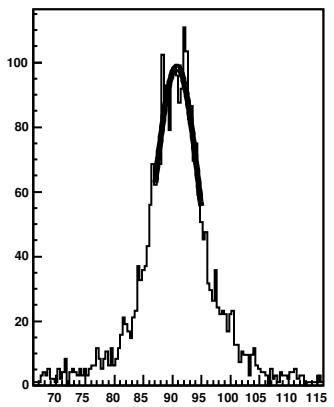
massplotst-individual dilmassCMUP_BMU
integral
2.655802e+04
peak integral from gaussian
2.160336e+04
peak integral error from gaussian
4.450293e+02
Integral 66-116
2.878374e+04
Integral 66-116 Error
1.502410e+03
mean from gaussian
9.099272e+01
mean error from gaussian
3.738266e-02
sigma from gaussian
3.207447e+00
sigma error from gaussian
5.585197e-02

massplotst-individual dilmassCMX_BMU



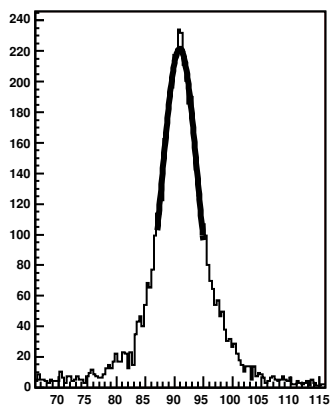
massplotst-individual dilmassCMX_BMU
integral
1.485782e+04
peak integral from gaussian
1.206918e+04
peak integral error from gaussian
3.333708e+02
Integral 66-116
1.660081e+04
Integral 66-116 Error
1.131601e+03
mean from gaussian
9.096593e+01
mean error from gaussian
5.065952e-02
sigma from gaussian
3.226434e+00
sigma error from gaussian
7.545588e-02

massplotst-individual dilmassBMU_BMU



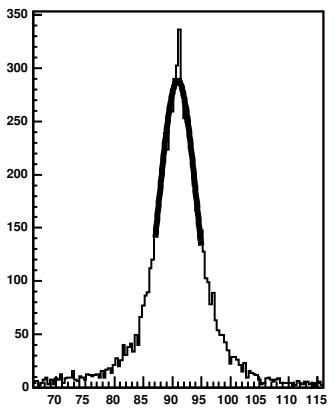
massplotst-individual dilmassBMU_BMU
integral
2.833977e+03
peak integral from gaussian
2.328937e+03
peak integral error from gaussian
1.997076e+02
Integral 66-116
3.315098e+03
Integral 66-116 Error
5.094631e+02
mean from gaussian
9.076095e+01
mean error from gaussian
1.785654e-01
sigma from gaussian
3.919215e+00
sigma error from gaussian
3.059034e-01

massplotst-individual dilmassBMU_CMU



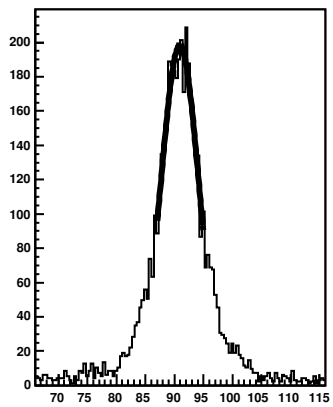
massplotst-individual dilmassBMU_CMU
integral
5.248034e+03
peak integral from gaussian
4.175728e+03
peak integral error from gaussian
1.894123e+02
Integral 66-116
5.646859e+03
Integral 66-116 Error
6.641470e+02
mean from gaussian
9.092024e+01
mean error from gaussian
8.086208e-02
sigma from gaussian
3.128335e+00
sigma error from gaussian
1.186466e-01

massplotst-individual dilmassBMU_CMP



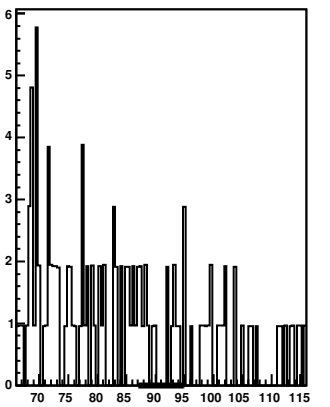
massplotst-individual dilmassBMU_CMP
integral
6.901368e+03
peak integral from gaussian
5.642859e+03
peak integral error from gaussian
2.344509e+02
Integral 66-116
7.266429e+03
Integral 66-116 Error
7.551791e+02
mean from gaussian
9.092626e+01
mean error from gaussian
7.518355e-02
sigma from gaussian
3.249367e+00
sigma error from gaussian
1.149955e-01

massplotst-individual dilmassBMU_CMIO



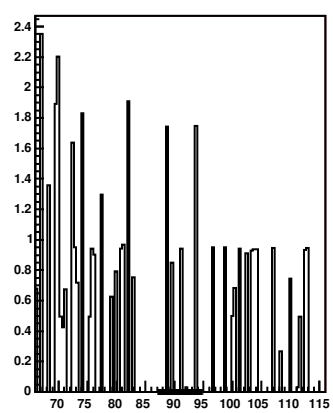
massplotst-individual dilmassBMU_CMIO
integral
4.742643e+03
peak integral from gaussian
3.852733e+03
peak integral error from gaussian
1.838103e+02
Integral 66-116
5.142523e+03
Integral 66-116 Error
6.297535e+02
mean from gaussian
9.092272e+01
mean error from gaussian
8.975584e-02
sigma from gaussian
3.227862e+00
sigma error from gaussian
1.298557e-01

massplotst-individual dilmassTCE_SCMIO



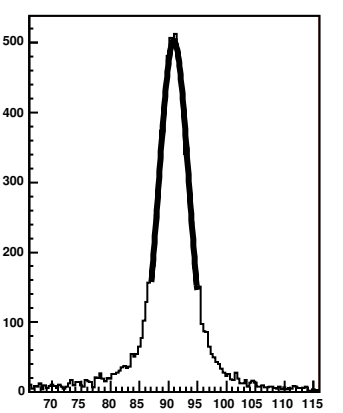
massplotst-individual dilmassTCE_SCMIO
integral
1.146529e+02
peak integral from gaussian
4.442950e-01
peak integral error from gaussian
4.925782e+01
Integral 66-116
5.087897e+02
Integral 66-116 Error
1.060341e+02
mean from gaussian
6.933333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.275593e-02
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassPHX_SCMIO



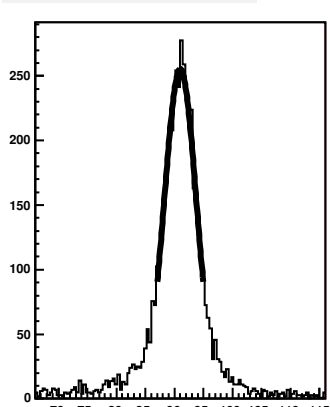
massplotst-individual dilmassPHX_SCMIO
integral
4.228126e+01
peak integral from gaussian
-4.933060e+04
peak integral error from gaussian
-9.097080e+06
Integral 66-116
1.213350e+02
Integral 66-116 Error
4.449744e+01
mean from gaussian
-8.348250e+04
mean error from gaussian
1.541078e+07
sigma from gaussian
-2.012525e+04
sigma error from gaussian
3.711246e+06

massplotst-individual dilmassCMUP_SCMIO



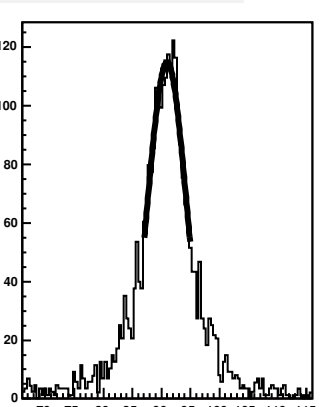
massplotst-individual dilmassCMUP_SCMIO
integral
9.404825e+03
peak integral from gaussian
7.736388e+03
peak integral error from gaussian
1.727509e+02
Integral 66-116
1.052872e+04
Integral 66-116 Error
7.631698e+02
mean from gaussian
9.093805e+01
mean error from gaussian
3.591325e-02
sigma from gaussian
2.557488e+00
sigma error from gaussian
4.230730e-02

massplotst-individual dilmassCMX_SCMIO



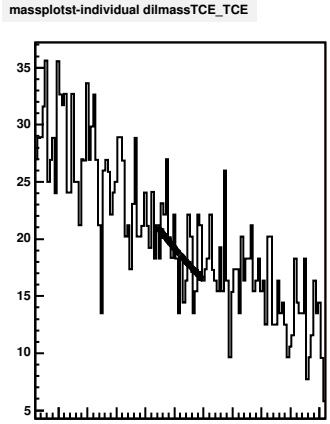
massplotst-individual dilmassCMX_SCMIO
integral
5.026722e+03
peak integral from gaussian
4.226128e+03
peak integral error from gaussian
1.543269e+02
Integral 66-116
5.479064e+03
Integral 66-116 Error
6.031394e+02
mean from gaussian
9.099817e+01
mean error from gaussian
6.050153e-02
sigma from gaussian
2.749496e+00
sigma error from gaussian
7.824357e-02

massplotst-individual dilmassBMU_SCMIO



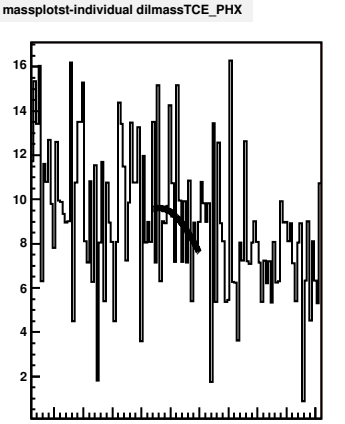
massplotst-individual dilmassBMU_SCMIO
integral
2.832294e+03
peak integral from gaussian
2.233920e+03
peak integral error from gaussian
1.492890e+02
Integral 66-116
3.070213e+03
Integral 66-116 Error
5.080412e+02
mean from gaussian
9.096672e+01
mean error from gaussian
1.231750e-01
sigma from gaussian
3.233015e+00
sigma error from gaussian
1.830583e-01

massplotst-individual dilmassTCE_TCE



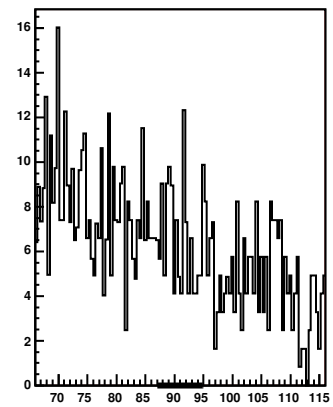
massplotst-individual dilmassTCE_TCE
integral
2.444374e+03
peak integral from gaussian
-2.855461e+07
peak integral error from gaussian
-1.916470e+08
Integral 66-116
6.134428e+03
Integral 66-116 Error
5.815786e+02
mean from gaussian
-3.920740e+02
mean error from gaussian
6.127190e+02
sigma from gaussian
-1.236558e+02
sigma error from gaussian
1.163196e+02

massplotst-individual dilmassTCE_PHX



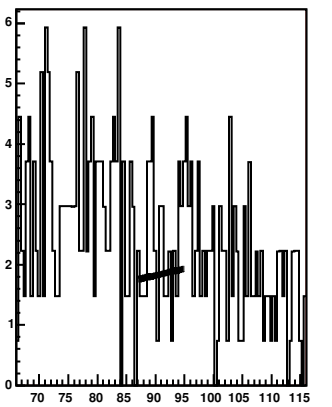
massplotst-individual dilmassTCE_PHX
integral
1.084102e+03
peak integral from gaussian
-5.797531e+02
peak integral error from gaussian
-8.981294e+02
Integral 66-116
1.842511e+03
Integral 66-116 Error
3.585680e+02
mean from gaussian
8.810275e+01
mean error from gaussian
9.228156e+00
sigma from gaussian
-1.001293e+01
sigma error from gaussian
1.546986e+01

massplotst-individual dilmassCMUP_CMUP



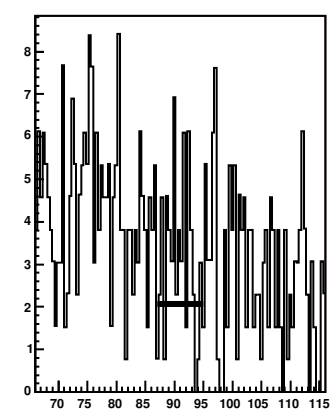
massplotst-individual dilmassCMUP_CMUP
integral
7.627461e+02
peak integral from gaussian
-6.696749e+01
peak integral error from gaussian
-1.367131e+02
Integral 66-116
2.071063e+03
Integral 66-116 Error
2.960215e+02
mean from gaussian
6.975000e+01
mean error from gaussian
8.935256e+00
sigma from gaussian
-6.933853e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassCMUP_CMU



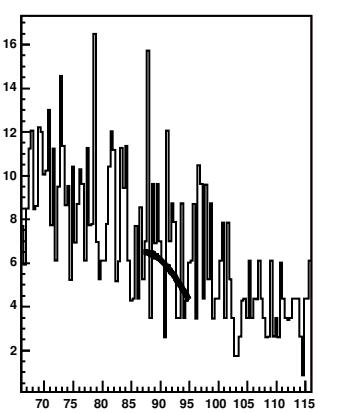
massplotst-individual dilmassCMUP_CMU
integral
2.921719e+02
peak integral from gaussian
1.224640e+06
peak integral error from gaussian
2.657927e+07
Integral 66-116
6.792100e+02
Integral 66-116 Error
1.688196e+02
mean from gaussian
1.082159e+03
mean error from gaussian
7.325005e+03
sigma from gaussian
2.873151e+02
sigma error from gaussian
1.844027e+03

massplotst-individual dilmassCMUP_CMP



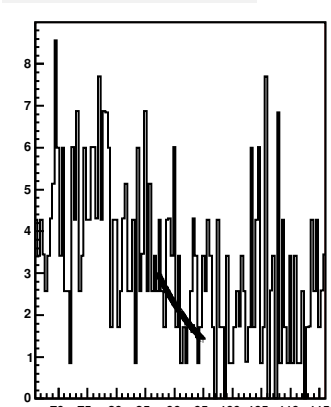
massplotst-individual dilmassCMUP_CMP
integral
4.219845e+02
peak integral from gaussian
-6.178558e+08
peak integral error from gaussian
-8.451920e+09
Integral 66-116
1.034150e+03
Integral 66-116 Error
2.049624e+02
mean from gaussian
-1.739501e+07
mean error from gaussian
1.247845e+08
sigma from gaussian
-4.604160e+07
sigma error from gaussian
6.242927e+08

massplotst-individual dilmassCMUP_CMX



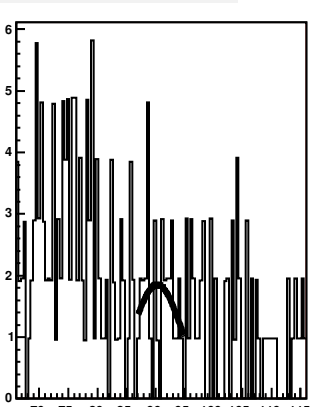
massplotst-individual dilmassCMUP_CMX
integral
8.178058e+02
peak integral from gaussian
-3.356765e+02
peak integral error from gaussian
-4.411097e+02
Integral 66-116
2.061435e+03
Integral 66-116 Error
3.138335e+02
mean from gaussian
8.716950e+01
mean error from gaussian
9.805402e+00
sigma from gaussian
-8.574787e+00
sigma error from gaussian
1.112709e+01

massplotst-individual dilmassCMUP_CMIO



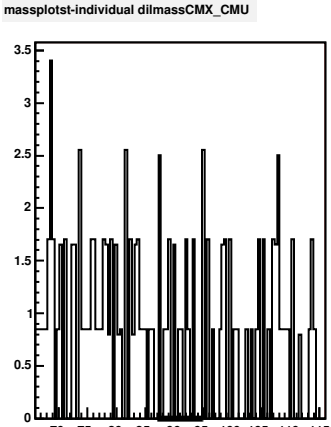
massplotst-individual dilmassCMUP_CMIO
integral
3.917305e+02
peak integral from gaussian
-3.172905e+08
peak integral error from gaussian
-4.119005e+09
Integral 66-116
1.003847e+03
Integral 66-116 Error
2.102288e+02
mean from gaussian
-1.788996e+02
mean error from gaussian
3.543867e+02
sigma from gaussian
-5.275217e+01
sigma error from gaussian
4.883692e+01

massplotst-individual dilmassCMX_CMX



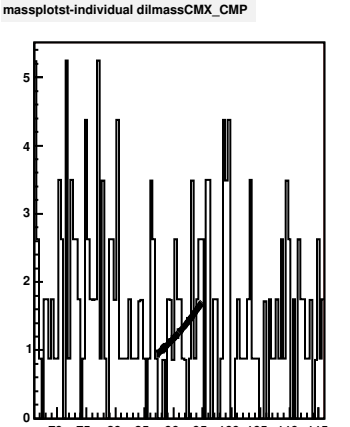
massplotst-individual dilmassCMX_CMX
integral
2.172236e+02
peak integral from gaussian
-4.700161e+01
peak integral error from gaussian
-3.516237e+01
Integral 66-116
5.082567e+02
Integral 66-116 Error
1.527428e+02
mean from gaussian
9.032271e+01
mean error from gaussian
1.598294e+00
sigma from gaussian
-4.202057e+00
sigma error from gaussian
2.924233e+00

massplotst-individual dilmassCMX_CMU



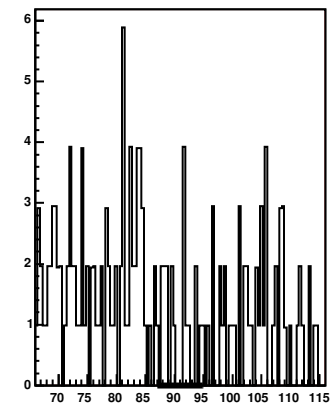
massplotst-individual dilmassCMX_CMU
integral
1.005559e+02
peak integral from gaussian
-3.626009e+01
peak integral error from gaussian
-3.268710e+01
Integral 66-116
2.480887e+02
Integral 66-116 Error
9.036029e+01
mean from gaussian
6.850000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
-1.767516e+00
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassCMX_CMP



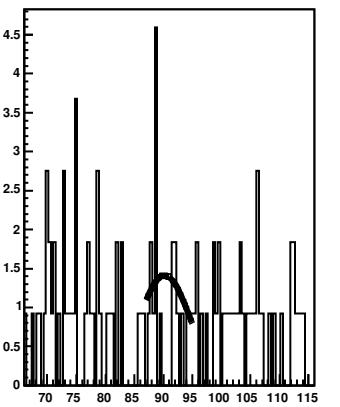
massplotst-individual dilmassCMX_CMP
integral
1.913334e+02
peak integral from gaussian
2.045952e+07
peak integral error from gaussian
3.475762e+08
Integral 66-116
3.966508e+02
Integral 66-116 Error
1.361485e+02
mean from gaussian
3.714001e+02
mean error from gaussian
6.113908e+02
sigma from gaussian
6.061465e+01
sigma error from gaussian
1.010416e+02

massplotst-individual dilmassCMX_CMIO



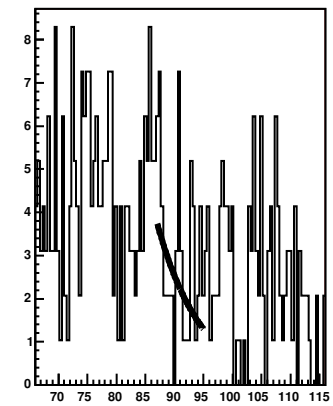
massplotst-individual dilmassCMX_CMIO
integral
1.598445e+02
peak integral from gaussian
1.960892e+00
peak integral error from gaussian
5.022167e+01
Integral 66-116
3.795652e+02
Integral 66-116 Error
1.270961e+02
mean from gaussian
8.100000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
5.522004e-02
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassPHX_BMU



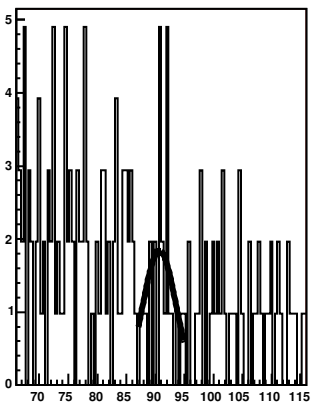
massplotst-individual dilmassPHX_BMU
integral
9.470351e+01
peak integral from gaussian
-3.773739e+01
peak integral error from gaussian
-4.448904e+01
Integral 66-116
2.252655e+02
Integral 66-116 Error
8.907613e+01
mean from gaussian
9.021198e+01
mean error from gaussian
2.602592e+00
sigma from gaussian
-4.439111e+00
sigma error from gaussian
4.890719e+00

massplotst-individual dilmassCMUP_BMU



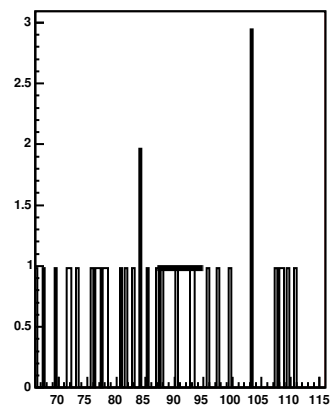
massplotst-individual dilmassCMUP_BMU
integral
4.053312e+02
peak integral from gaussian
-4.347283e+10
peak integral error from gaussian
-2.440782e+11
Integral 66-116
9.671979e+02
Integral 66-116 Error
2.297004e+02
mean from gaussian
-1.816892e+02
mean error from gaussian
2.057201e+02
sigma from gaussian
-4.533605e+01
sigma error from gaussian
3.140493e+01

massplotst-individual dilmassCMX_BMU



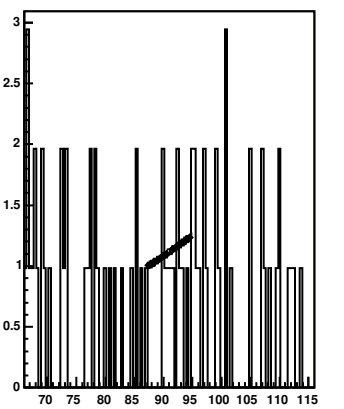
massplotst-individual dilmassCMX_BMU
integral
1.745718e+02
peak integral from gaussian
3.122960e+01
peak integral error from gaussian
1.947536e+01
Integral 66-116
4.040655e+02
Integral 66-116 Error
1.342249e+02
mean from gaussian
9.069468e+01
mean error from gaussian
9.054075e-01
sigma from gaussian
2.816830e+00
sigma error from gaussian
1.444773e+00

massplotst-individual dilmassBMU_BMU



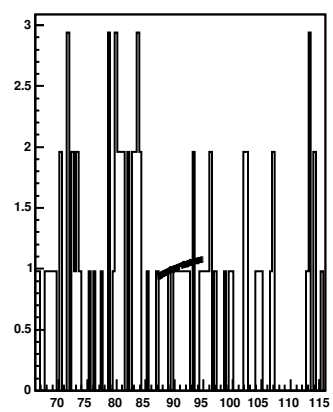
massplotst-individual dilmassBMU_BMU
integral
3.236443e+01
peak integral from gaussian
-2.278548e+03
peak integral error from gaussian
-2.209020e+08
Integral 66-116
7.551699e+01
Integral 66-116 Error
3.705189e+01
mean from gaussian
8.977678e+01
mean error from gaussian
2.775609e+05
sigma from gaussian
-3.856665e+02
sigma error from gaussian
3.738982e+07

massplotst-individual dilmassBMU_CMU



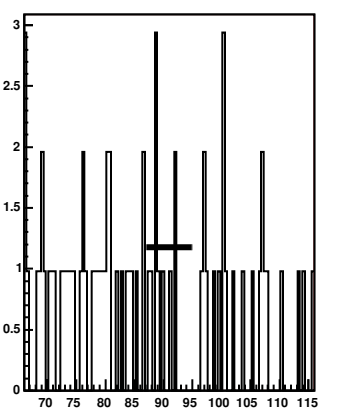
massplotst-individual dilmassBMU_CMU
integral
7.257478e+01
peak integral from gaussian
-1.552073e+06
peak integral error from gaussian
-4.256647e+07
Integral 66-116
1.373036e+02
Integral 66-116 Error
6.886323e+01
mean from gaussian
5.952544e+02
mean error from gaussian
3.264311e+03
sigma from gaussian
-1.303624e+02
sigma error from gaussian
7.240313e+02

massplotst-individual dilmassBMU_CMP



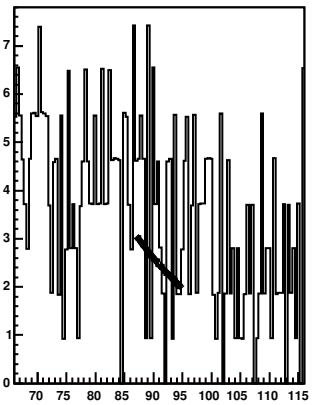
massplotst-individual dilmassBMU_CMP
integral
8.238219e+01
peak integral from gaussian
-1.434900e+02
peak integral error from gaussian
-2.269956e+03
Integral 66-116
1.873215e+02
Integral 66-116 Error
7.711733e+01
mean from gaussian
9.943701e+01
mean error from gaussian
2.417140e+02
sigma from gaussian
-2.161872e+01
sigma error from gaussian
3.392948e+02

massplotst-individual dilmassBMU_CMIO



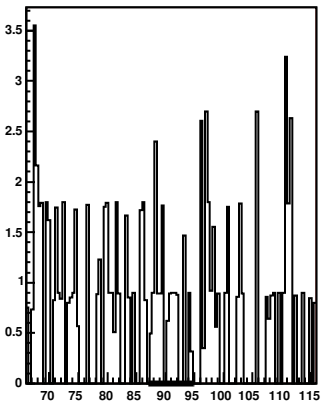
massplotst-individual dilmassBMU_CMIO
integral
7.061330e+01
peak integral from gaussian
-6.610842e+03
peak integral error from gaussian
-2.192289e+03
Integral 66-116
1.618222e+02
Integral 66-116 Error
7.081457e+01
mean from gaussian
1.183795e+02
mean error from gaussian
1.414213e+00
sigma from gaussian
-9.320096e+02
sigma error from gaussian
1.414213e+00

massplotst-individual dilmassTCE_SCMIO



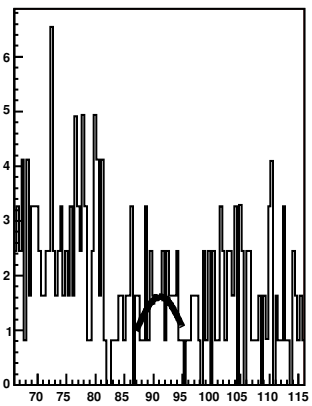
massplotst-individual dilmassTCE_SCMIO
integral
4.284229e+02
peak integral from gaussian
-1.040628e+08
peak integral error from gaussian
-1.072724e+09
Integral 66-116
1.130606e+03
Integral 66-116 Error
2.294804e+02
mean from gaussian
-3.189326e+02
mean error from gaussian
6.726451e+02
sigma from gaussian
-8.620167e+01
sigma error from gaussian
1.185875e+02

massplotst-individual dilmassPHX_SCMIO



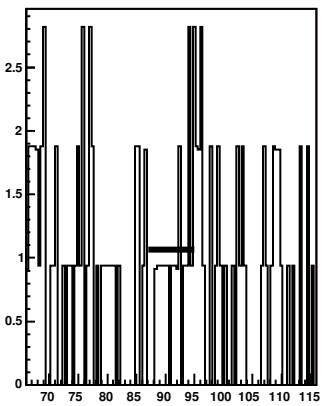
massplotst-individual dilmassPHX_SCMIO
integral
9.593212e+01
peak integral from gaussian
7.982401e+00
peak integral error from gaussian
3.045046e+01
Integral 66-116
1.943991e+02
Integral 66-116 Error
8.352730e+01
mean from gaussian
6.725000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
3.727600e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassCMUP_SCMIO



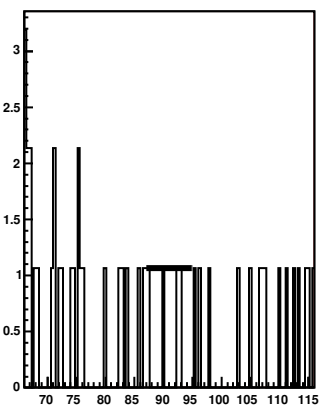
massplotst-individual dilmassCMUP_SCMIO
integral
2.244006e+02
peak integral from gaussian
-4.048637e+01
peak integral error from gaussian
-2.716246e+01
Integral 66-116
6.301244e+02
Integral 66-116 Error
1.536588e+02
mean from gaussian
9.114635e+01
mean error from gaussian
1.324026e+00
sigma from gaussian
-4.152693e+00
sigma error from gaussian
2.583377e+00

massplotst-individual dilmassCMX_SCMIO



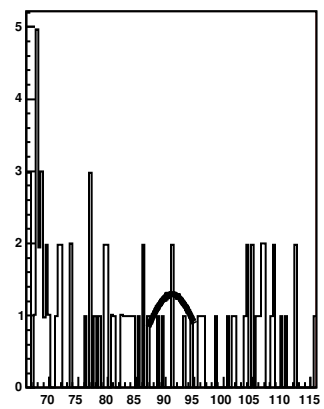
massplotst-individual dilmassCMX_SCMIO
integral
1.040486e+02
peak integral from gaussian
-5.148764e+13
peak integral error from gaussian
-1.860237e+14
Integral 66-116
2.448237e+02
Integral 66-116 Error
9.523137e+01
mean from gaussian
-2.458437e+09
mean error from gaussian
4.504975e+08
sigma from gaussian
-5.620359e+08
sigma error from gaussian
1.025805e+08

massplotst-individual dilmassBMU_SCMIO



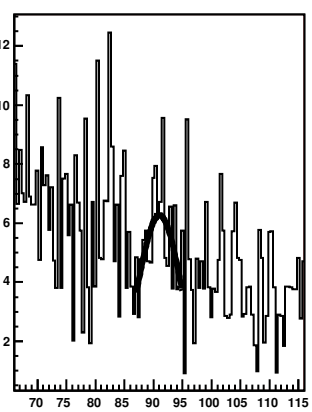
massplotst-individual dilmassBMU_SCMIO
integral
4.907444e+01
peak integral from gaussian
-5.439747e+04
peak integral error from gaussian
-1.255290e+07
Integral 66-116
1.056082e+02
Integral 66-116 Error
5.199690e+01
mean from gaussian
-1.160378e+03
mean error from gaussian
2.482482e+05
sigma from gaussian
-8.368779e+03
sigma error from gaussian
1.930404e+06

massplotst-individual dilmassTCE_TCE



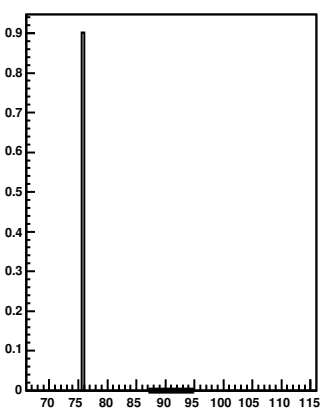
massplotst-individual dilmassTCE_TCE
integral
8.147070e+01
peak integral from gaussian
-3.462161e+01
peak integral error from gaussian
-6.240282e+01
Integral 66-116
2.504252e+03
Integral 66-116 Error
1.126181e+02
mean from gaussian
9.112933e+01
mean error from gaussian
3.106680e+00
sigma from gaussian
-4.429924e+00
sigma error from gaussian
7.441884e+00

massplotst-individual dilmassTCE_PHX



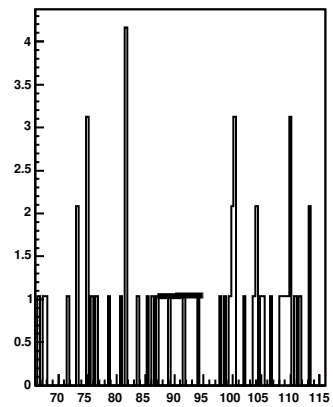
massplotst-individual dilmassTCE_PHX
integral
6.309893e+02
peak integral from gaussian
-1.448410e+02
peak integral error from gaussian
-5.021410e+01
Integral 66-116
2.077140e+03
Integral 66-116 Error
2.946716e+02
mean from gaussian
9.103692e+01
mean error from gaussian
6.354746e-01
sigma from gaussian
-3.833442e+00
sigma error from gaussian
1.212382e+00

massplotst-individual dilmassCMUP_CMIO



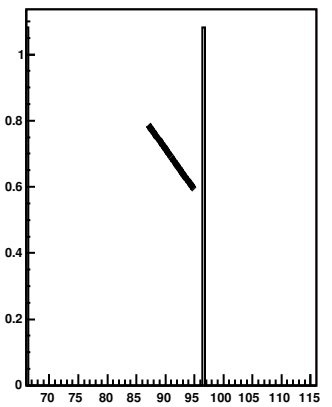
massplotst-individual dilmassCMUP_CMIO
integral
9.021986e-01
peak integral from gaussian
9.021986e-01
peak integral error from gaussian
7.815054e+00
Integral 66-116
3.919855e+01
Integral 66-116 Error
6.742905e+00
mean from gaussian
7.558333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.660026e-01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassPHX_BMU



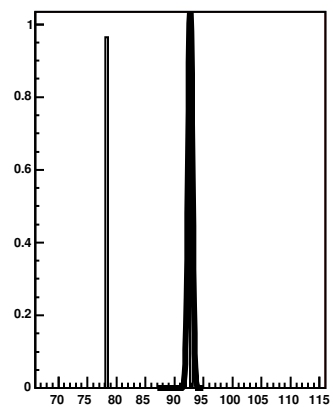
massplotst-individual dilmassPHX_BMU
integral
5.208699e+01
peak integral from gaussian
3.121921e+09
peak integral error from gaussian
2.232933e+10
Integral 66-116
5.927514e+02
Integral 66-116 Error
6.733241e+01
mean from gaussian
1.247034e+05
mean error from gaussian
4.246974e+04
sigma from gaussian
2.817770e+04
sigma error from gaussian
1.059960e+04

massplotst-individual dilmassBMU_CMIO



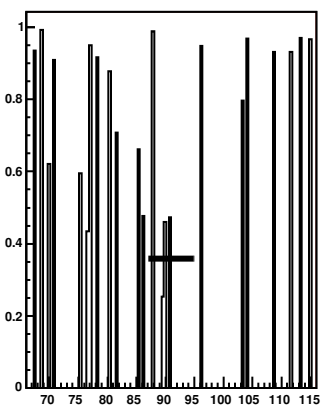
massplotst-individual dilmassBMU_CMIO
integral
2.165168e+00
peak integral from gaussian
-1.718062e+02
peak integral error from gaussian
-2.246252e+02
Integral 66-116
1.515618e+01
Integral 66-116 Error
5.915349e+00
mean from gaussian
6.600000e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
-2.634463e+01
sigma error from gaussian
1.414214e+00

massplotst-individual dilmassTCE_SCMIO



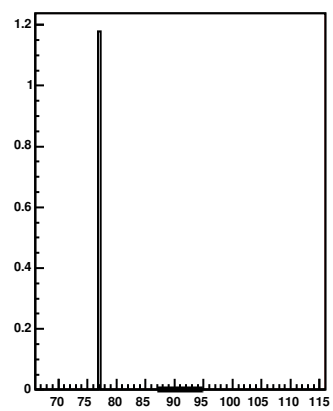
massplotst-individual dilmassTCE_SCMIO
integral
1.949766e+00
peak integral from gaussian
2.408090e+00
peak integral error from gaussian
1.037704e+02
Integral 66-116
7.957234e+01
Integral 66-116 Error
1.062881e+01
mean from gaussian
9.270984e+01
mean error from gaussian
8.027420e+00
sigma from gaussian
3.669024e-01
sigma error from gaussian
1.484023e+01

massplotst-individual dilmassPHX_SCMIO



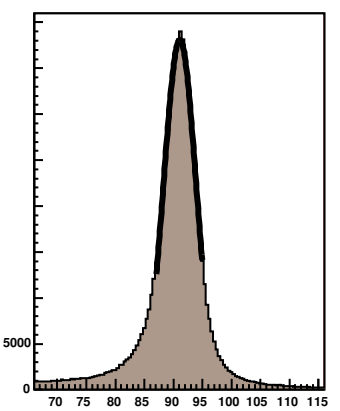
massplotst-individual dilmassPHX_SCMIO
integral
1.775995e+01
peak integral from gaussian
6.111319e+06
peak integral error from gaussian
3.326571e+06
Integral 66-116
9.038992e+01
Integral 66-116 Error
2.523012e+01
mean from gaussian
9.625569e+04
mean error from gaussian
1.414213e+00
sigma from gaussian
2.832212e+06
sigma error from gaussian
1.414213e+00

massplotst-individual dilmassBMU_SCMIO



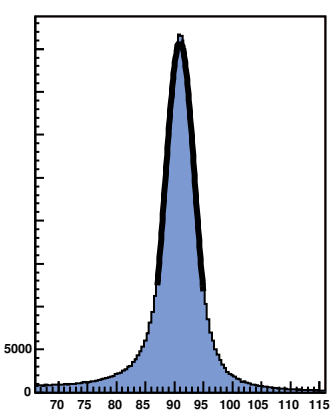
massplotst-individual dilmassBMU_SCMIO
integral
1.177860e+00
peak integral from gaussian
1.177860e+00
peak integral error from gaussian
1.013362e+01
Integral 66-116
1.177860e+00
Integral 66-116 Error
1.177860e+00
mean from gaussian
7.683333e+01
mean error from gaussian
1.414214e+00
sigma from gaussian
1.660026e-01
sigma error from gaussian
1.414214e+00

Zee-dilepton masses for Z peak



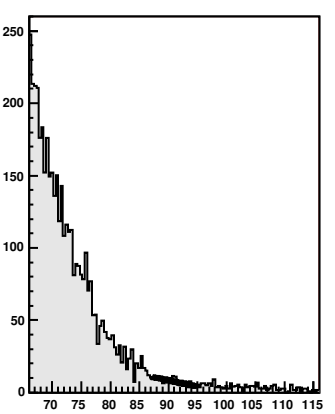
Zee-dilepton masses for Z peak
integral
7.617390e+05
peak integral from gaussian
6.271171e+05
peak integral error from gaussian
1.814264e+03
Integral 66-116
8.255293e+05
Integral 66-116 Error
7.395268e+03
mean from gaussian
9.111057e+01
mean error from gaussian
4.811717e-03
sigma from gaussian
2.734109e+00
sigma error from gaussian
6.133556e-03

Zmumu-dilepton masses for Z peak



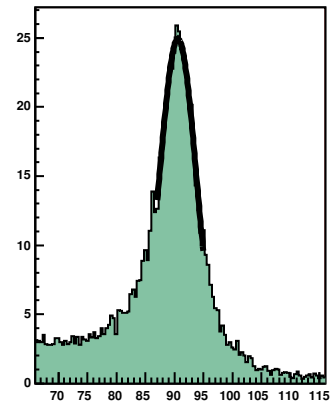
Zmumu-dilepton masses for Z peak
integral
7.636563e+05
peak integral from gaussian
6.253356e+05
peak integral error from gaussian
1.657110e+03
Integral 66-116
8.402990e+05
Integral 66-116 Error
7.302414e+03
mean from gaussian
9.095546e+01
mean error from gaussian
4.183198e-03
sigma from gaussian
2.544182e+00
sigma error from gaussian
5.012188e-03

Ztautau-dilepton masses for Z peak



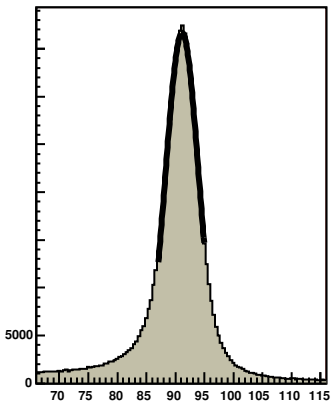
Ztautau-dilepton masses for Z peak
integral
4.582789e+03
peak integral from gaussian
-6.532768e+02
peak integral error from gaussian
-1.218876e+03
Integral 66-116
3.984291e+04
Integral 66-116 Error
7.217503e+02
mean from gaussian
8.231896e+01
mean error from gaussian
2.352627e+01
sigma from gaussian
-8.648211e+00
sigma error from gaussian
1.195145e+01

fake-dilepton masses for Z peak



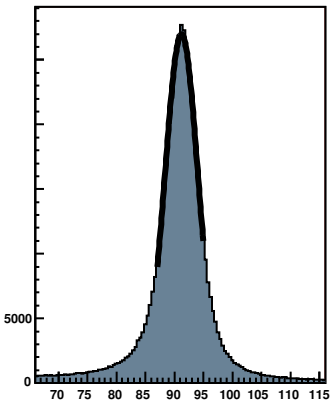
fake-dilepton masses for Z peak
integral
7.243866e+02
peak integral from gaussian
4.748289e+02
peak integral error from gaussian
1.216904e+01
Integral 66-116
1.284946e+03
Integral 66-116 Error
5.324521e+01
mean from gaussian
9.059249e+01
mean error from gaussian
4.876635e-02
sigma from gaussian
3.162703e+00
sigma error from gaussian
6.778396e-02

WZ-dilepton masses for Z peak



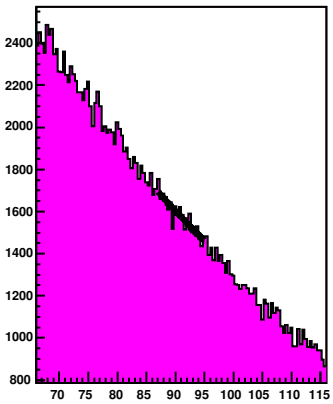
WZ-dilepton masses for Z peak
integral
7.747220e+05
peak integral from gaussian
6.223169e+05
peak integral error from gaussian
1.868976e+03
Integral 66-116
8.670966e+05
Integral 66-116 Error
7.667137e+03
mean from gaussian
9.115006e+01
mean error from gaussian
5.105472e-03
sigma from gaussian
2.818696e+00
sigma error from gaussian
6.686820e-03

ZZ-dilepton masses for Z peak



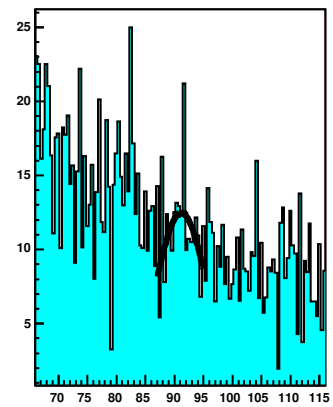
ZZ-dilepton masses for Z peak
integral
5.547579e+05
peak integral from gaussian
4.563897e+05
peak integral error from gaussian
1.593361e+03
Integral 66-116
6.189139e+05
Integral 66-116 Error
6.375069e+03
mean from gaussian
9.120122e+01
mean error from gaussian
5.935575e-03
sigma from gaussian
2.806123e+00
sigma error from gaussian
7.723835e-03

WW-dilepton masses for Z peak



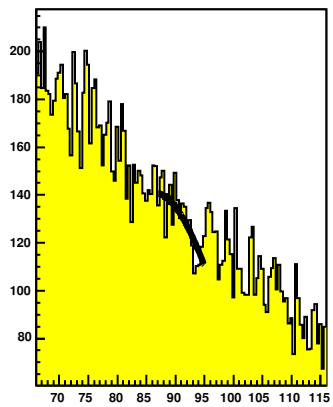
WW-dilepton masses for Z peak
integral
1.933669e+05
peak integral from gaussian
-8.257323e+07
peak integral error from gaussian
-1.308039e+08
Integral 66-116
4.592062e+05
Integral 66-116 Error
5.075902e+03
mean from gaussian
-3.461886e+02
mean error from gaussian
1.888811e+02
sigma from gaussian
-1.538870e+02
sigma error from gaussian
3.861143e+01

wgamma-dilepton masses for Z peak



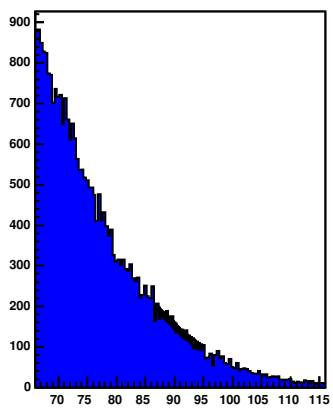
wgamma-dilepton masses for Z peak
integral
1.431216e+03
peak integral from gaussian
3.364967e+02
peak integral error from gaussian
9.902423e+01
Integral 66-116
9.734854e+03
Integral 66-116 Error
4.759107e+02
mean from gaussian
9.116034e+01
mean error from gaussian
5.761107e-01
sigma from gaussian
4.477474e+00
sigma error from gaussian
1.245186e+00

ttbar-dilepton masses for Z peak



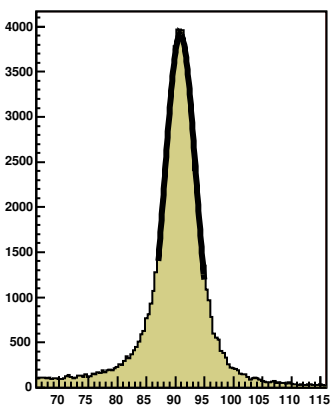
ttbar-dilepton masses for Z peak
integral
1.618784e+04
peak integral from gaussian
-1.041848e+04
peak integral error from gaussian
-5.929499e+03
Integral 66-116
3.830065e+04
Integral 66-116 Error
1.435450e+03
mean from gaussian
8.644196e+01
mean error from gaussian
5.174031e+00
sigma from gaussian
-1.227732e+01
sigma error from gaussian
6.940393e+00

higgsww-dilepton masses for Z peak



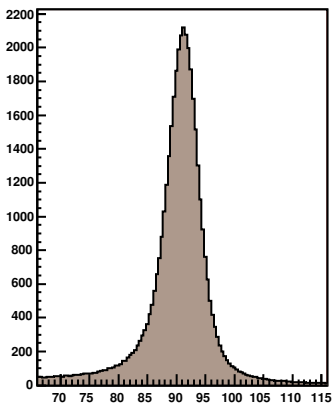
higgsww-dilepton masses for Z peak
integral
2.908131e+04
peak integral from gaussian
1.421120e+05
peak integral error from gaussian
2.880353e+04
Integral 66-116
2.979864e+05
Integral 66-116 Error
2.077664e+03
mean from gaussian
4.638919e+01
mean error from gaussian
3.041137e+00
sigma from gaussian
2.208566e+01
sigma error from gaussian
1.076740e+00

data-dilepton masses for Z peak

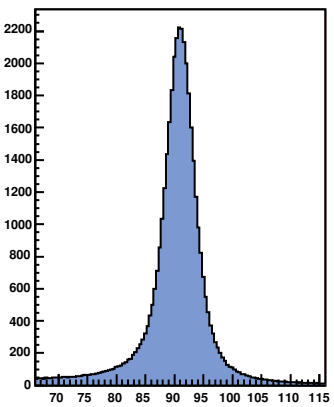


data-dilepton masses for Z peak
integral
7.823400e+04
peak integral from gaussian
6.287564e+04
peak integral error from gaussian
5.743018e+02
Integral 66-116
9.594600e+04
Integral 66-116 Error
2.497714e+03
mean from gaussian
9.085830e+01
mean error from gaussian
1.488298e-02
sigma from gaussian
2.666877e+00
sigma error from gaussian
1.863490e-02

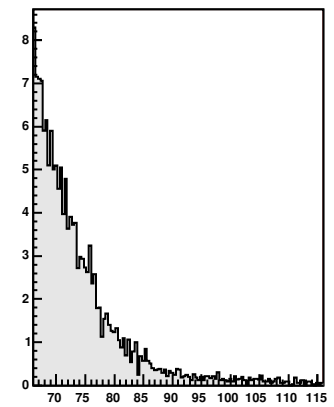
Zee-dilepton masses for Z peak



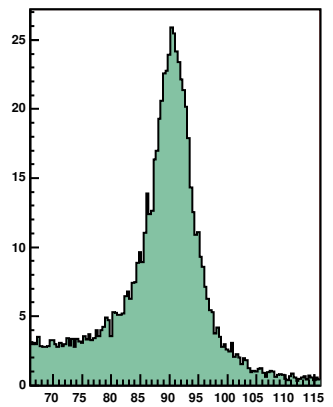
Zmumu-dilepton masses for Z peak



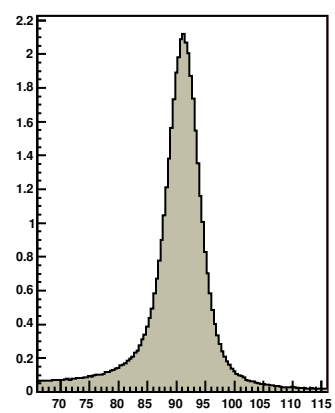
Ztautau-dilepton masses for Z peak



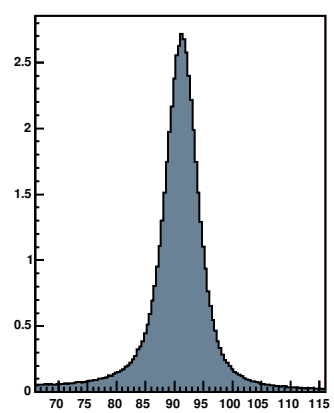
fake-dilepton masses for Z peak



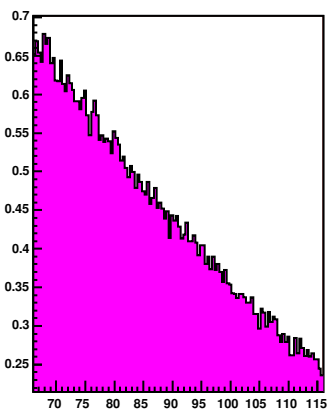
WZ-dilepton masses for Z peak



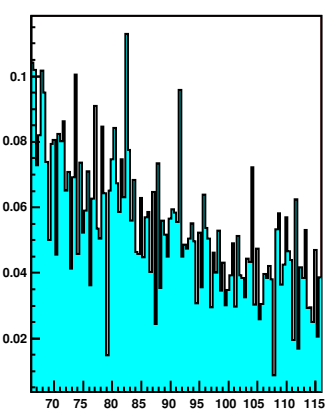
ZZ-dilepton masses for Z peak



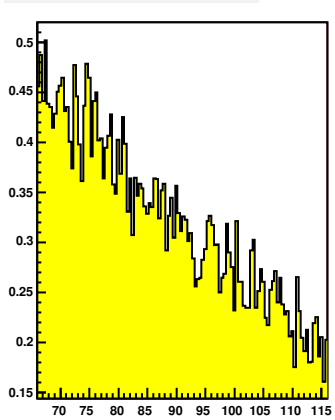
WW-dilepton masses for Z peak



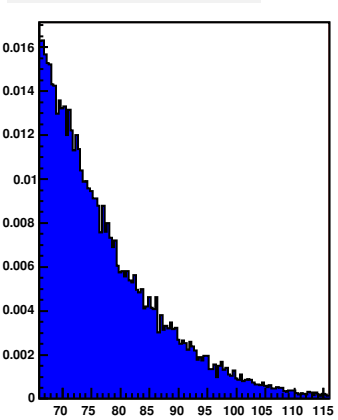
wgamma-dilepton masses for Z peak



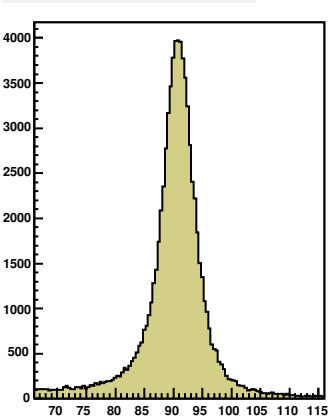
ttbar-dilepton masses for Z peak



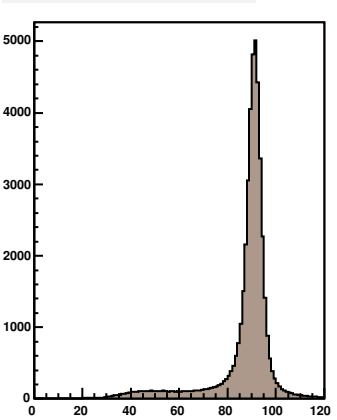
higgsww-dilepton masses for Z peak



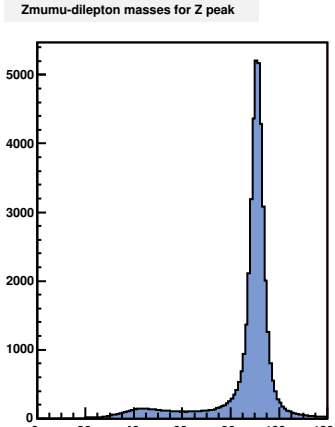
data-dilepton masses for Z peak



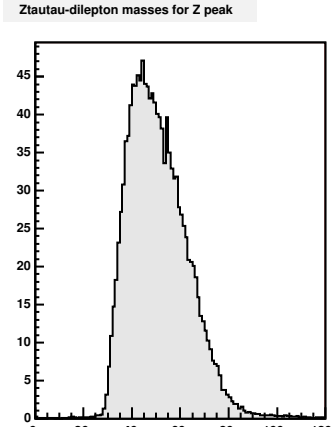
Zee-dilepton masses for Z peak



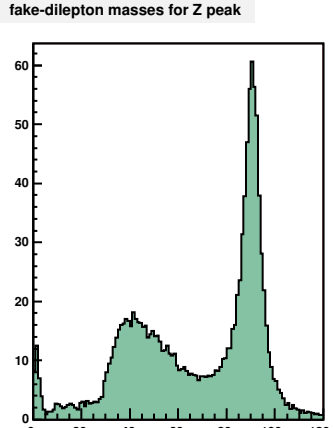
Zmumu-dilepton masses for Z peak



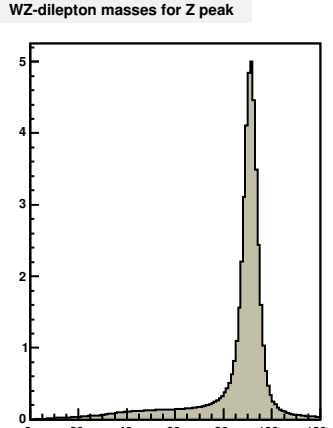
Ztautau-dilepton masses for Z peak



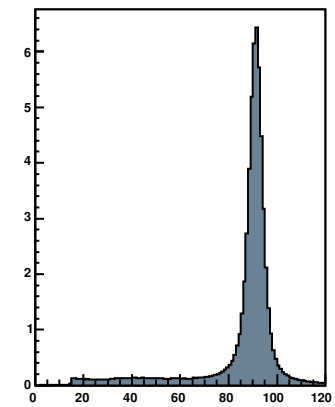
fake-dilepton masses for Z peak



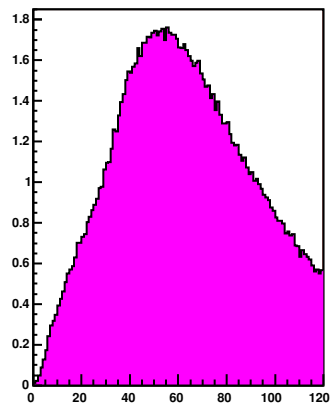
WZ-dilepton masses for Z peak



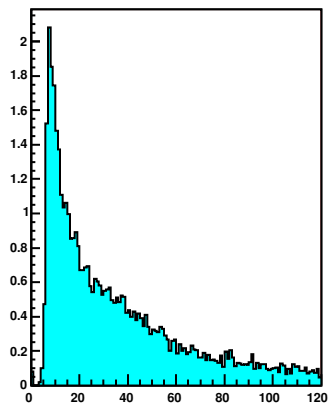
ZZ-dilepton masses for Z peak



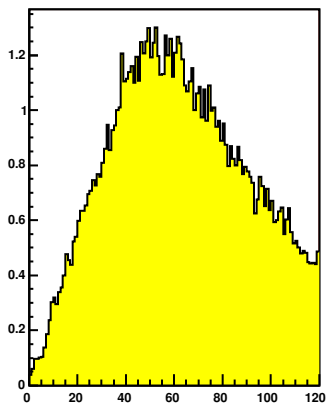
WW-dilepton masses for Z peak



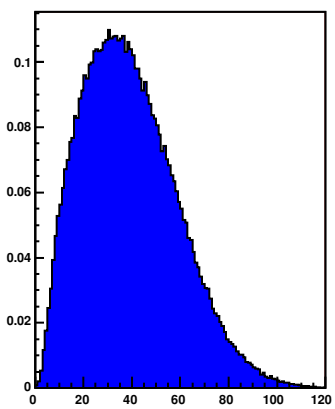
wgamma-dilepton masses for Z peak



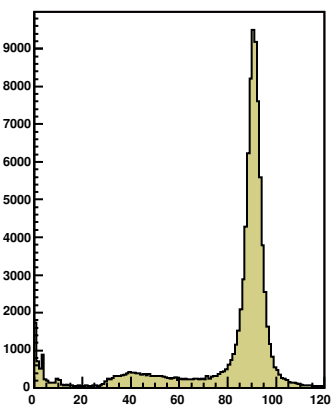
ttbar-dilepton masses for Z peak



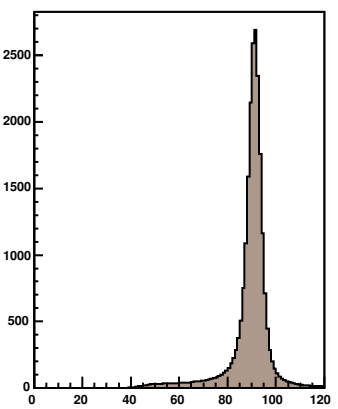
higgsww-dilepton masses for Z peak



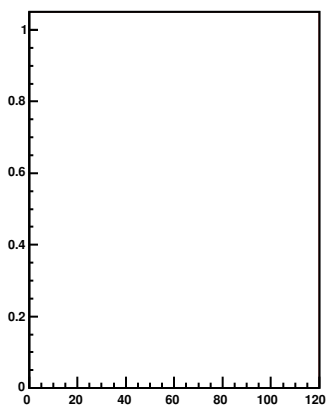
data-dilepton masses for Z peak



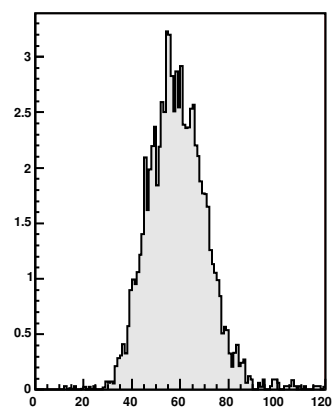
Zee-dilepton masses for TCE-PHX Z peak



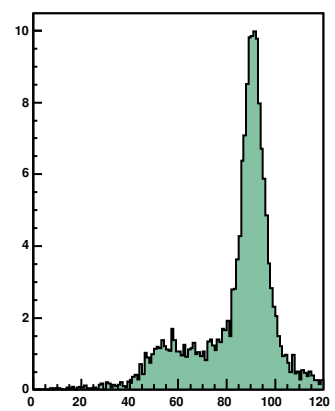
Zmumu-dilepton masses for TCE-PHX Z peak



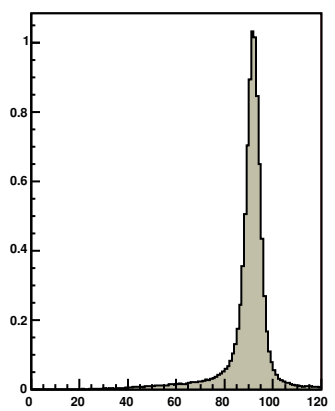
Ztautau-dilepton masses for TCE-PHX Z peak



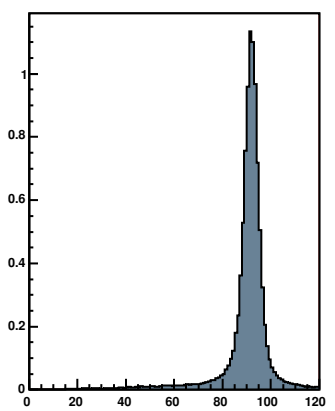
fake-dilepton masses for TCE-PHX Z peak



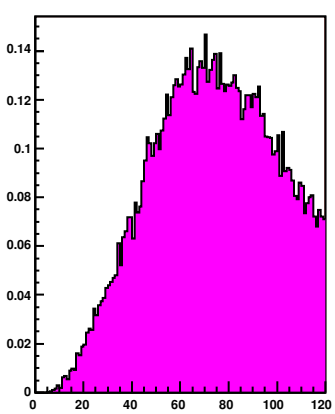
WZ-dilepton masses for TCE-PHX Z peak



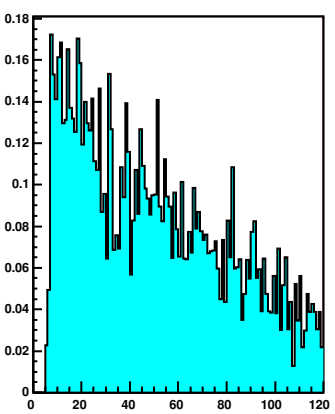
ZZ-dilepton masses for TCE-PHX Z peak



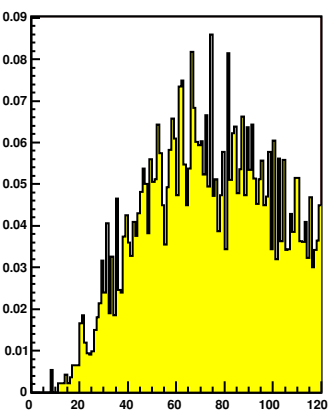
WW-dilepton masses for TCE-PHX Z peak



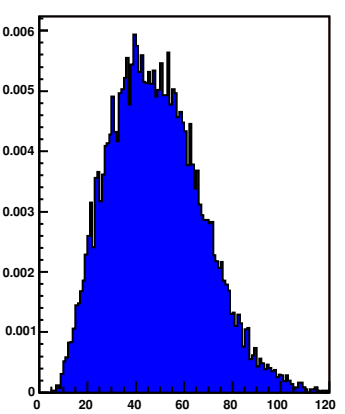
wgamma-dilepton masses for TCE-PHX Z peak



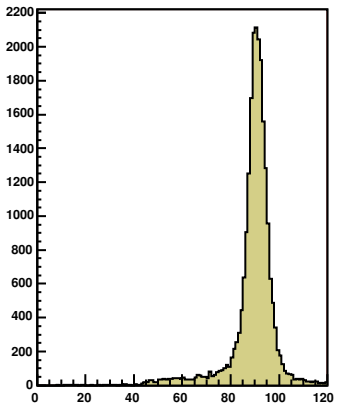
ttbar-dilepton masses for TCE-PHX Z peak



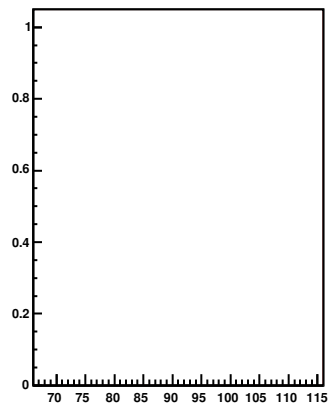
higgsww-dilepton masses for TCE-PHX Z peak



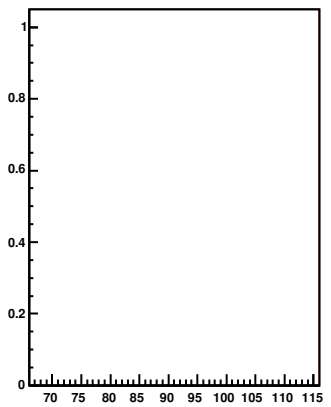
data-dilepton masses for TCE-PHX Z peak



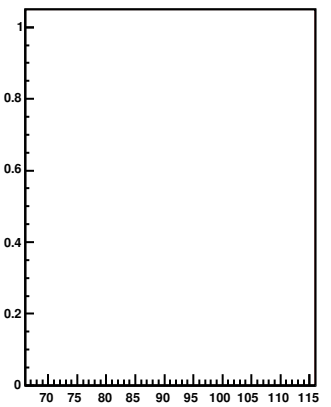
Zee-hepg dilepton masses for Z peak



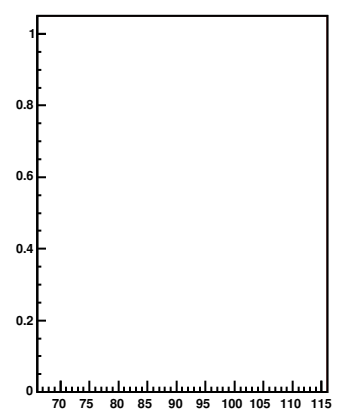
Zmumu-hepg dilepton masses for Z peak



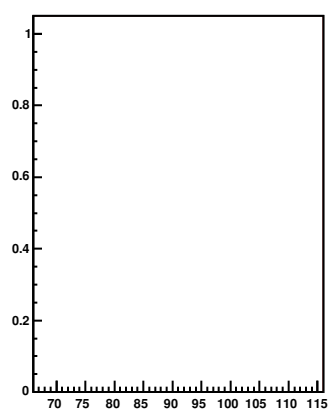
Ztautau-hepg dilepton masses for Z peak



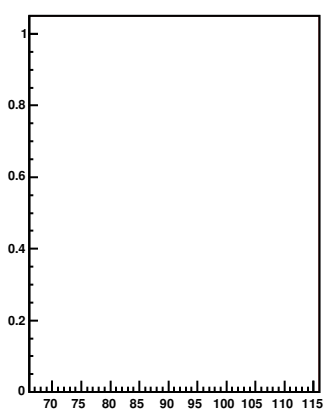
fake-hepg dilepton masses for Z peak



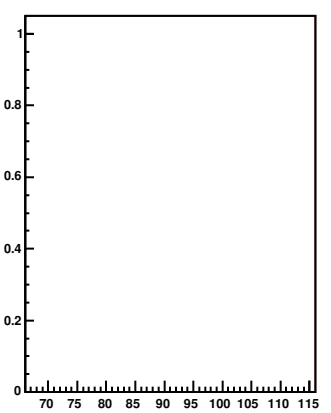
WZ-hepg dilepton masses for Z peak



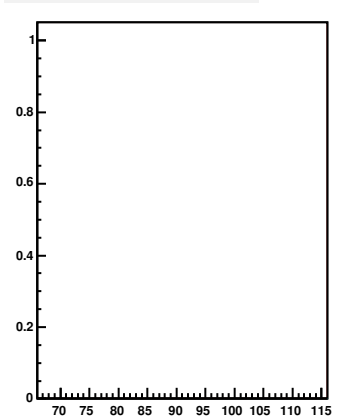
ZZ-hepg dilepton masses for Z peak



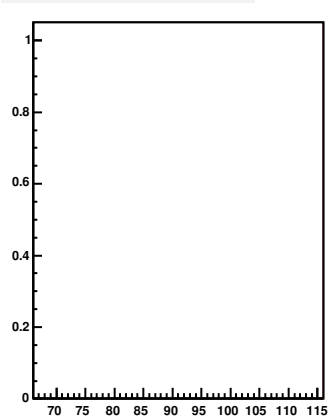
WW-hepg dilepton masses for Z peak



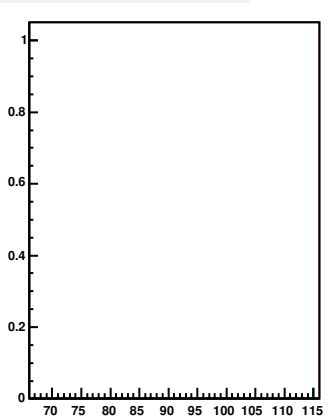
wgamma-hepg dilepton masses for Z peak



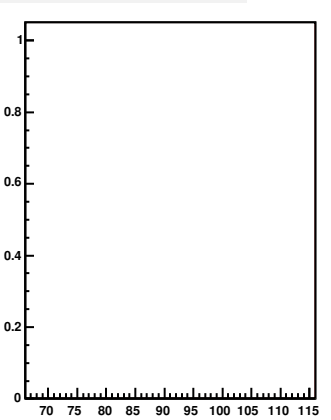
ttbar-hepg dilepton masses for Z peak



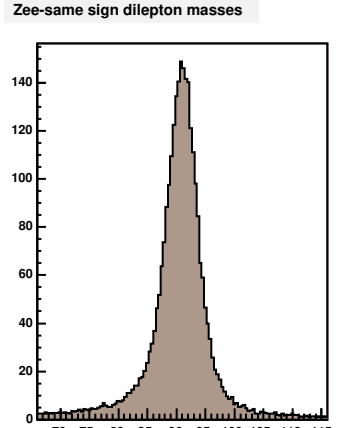
higgsww-hepg dilepton masses for Z peak



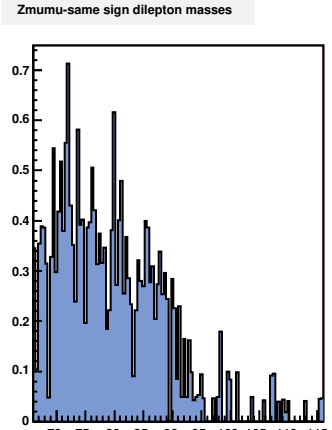
data-hepg dilepton masses for Z peak



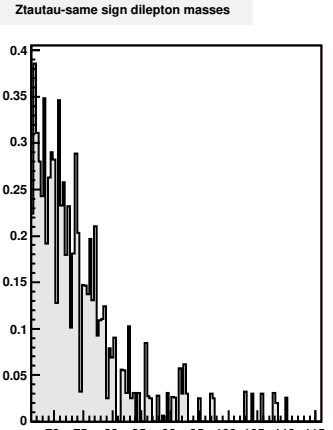
Zee-same sign dilepton masses



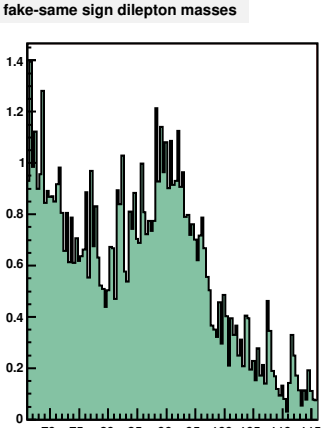
Zmumu-same sign dilepton masses



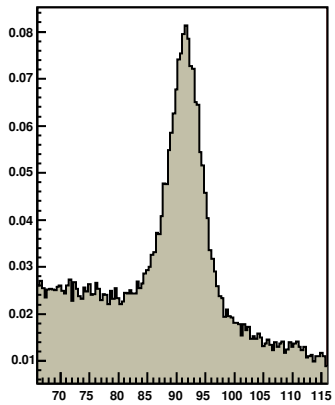
Ztautau-same sign dilepton masses



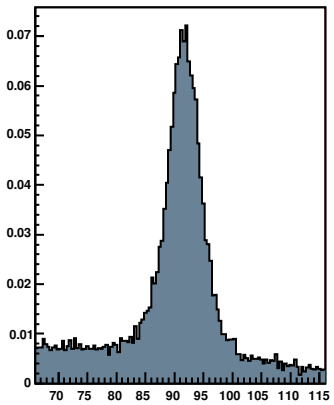
fake-same sign dilepton masses



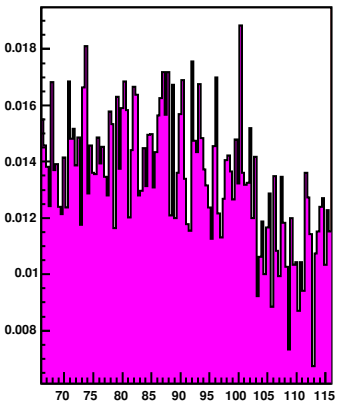
WZ-same sign dilepton masses



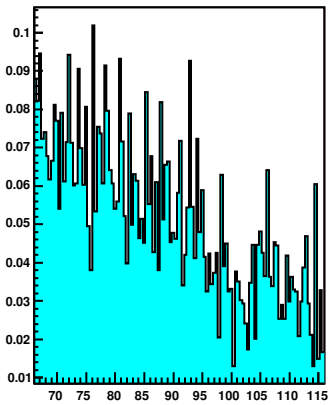
ZZ-same sign dilepton masses



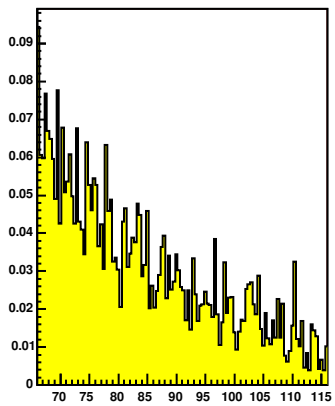
WW-same sign dilepton masses



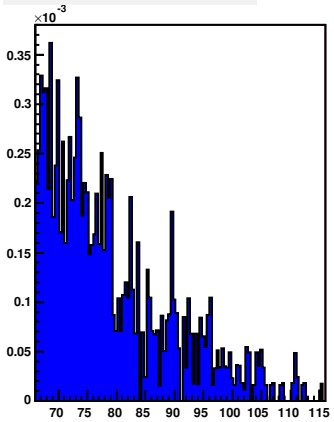
wgamma-same sign dilepton masses



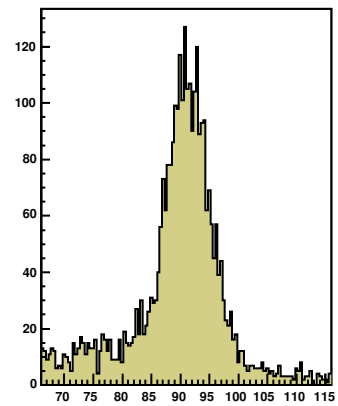
ttbar-same sign dilepton masses



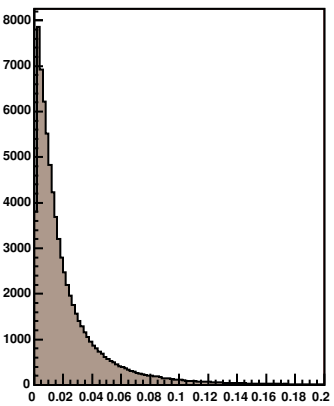
higgsww-same sign dilepton masses



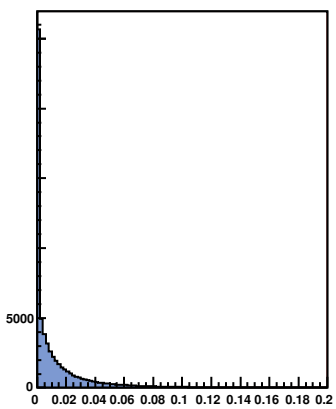
data-same sign dilepton masses



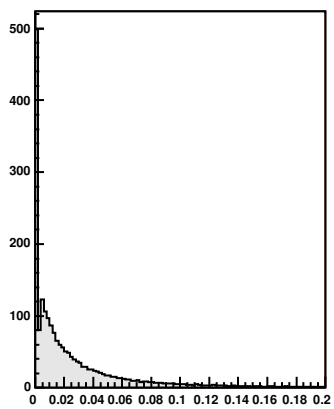
Zee-before lepton calorimeter isolation cut



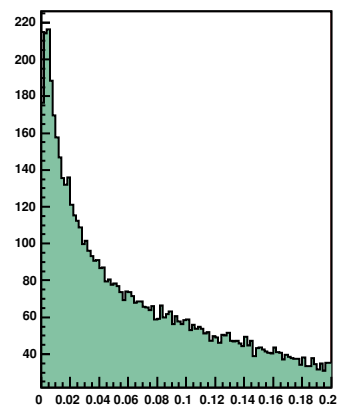
Zmumu-before lepton calorimeter isolation cut



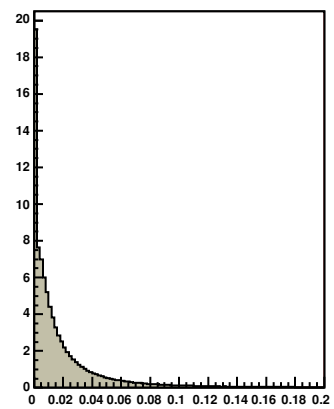
Ztautau-before lepton calorimeter isolation cut



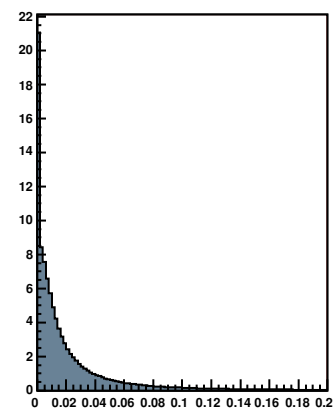
fake-before lepton calorimeter isolation cut



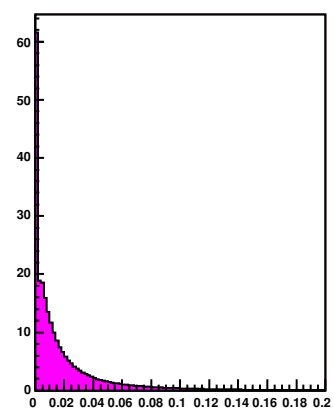
WZ-before lepton calorimeter isolation cut



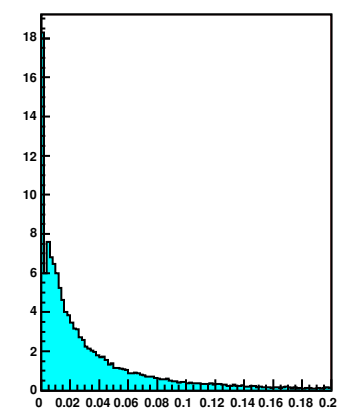
ZZ-before lepton calorimeter isolation cut



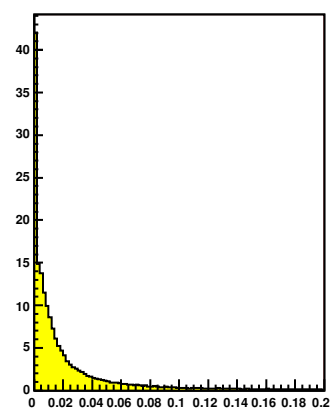
WW-before lepton calorimeter isolation cut



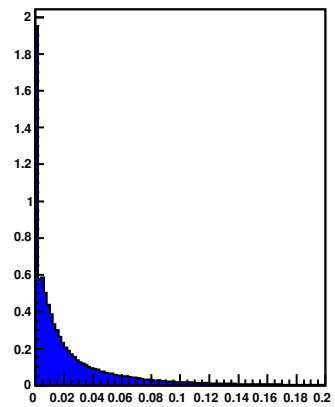
wgamma-before lepton calorimeter isolation cut



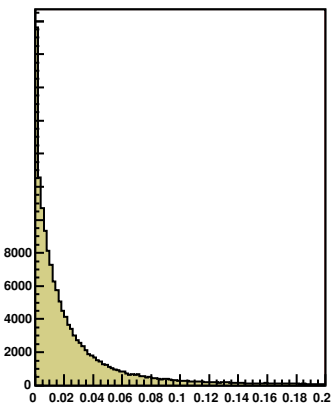
ttbar-before lepton calorimeter isolation cut



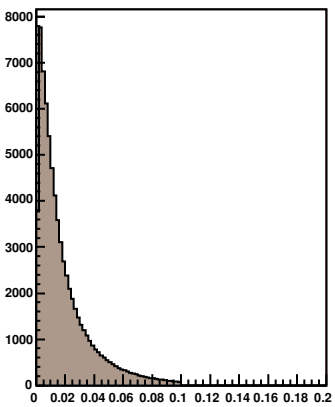
higgsww-before lepton calorimeter isolation cut



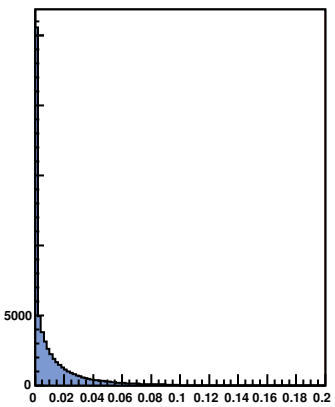
data-before lepton calorimeter isolation cut



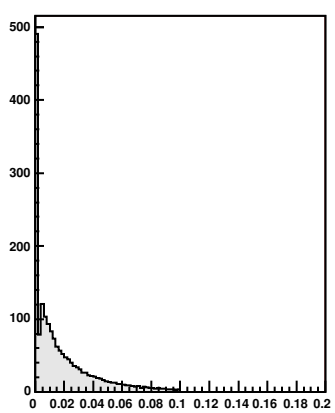
Zee-after lepton calorimeter isolation cut



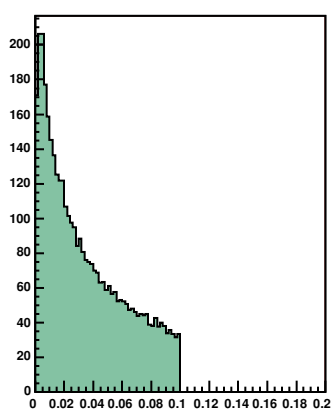
Zmumu-after lepton calorimeter isolation cut



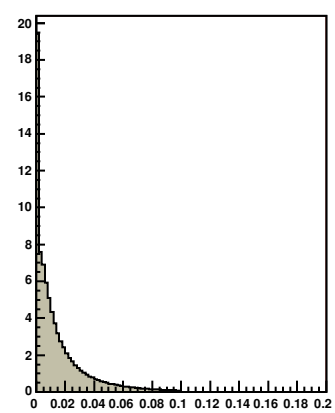
Ztautau-after lepton calorimeter isolation cut



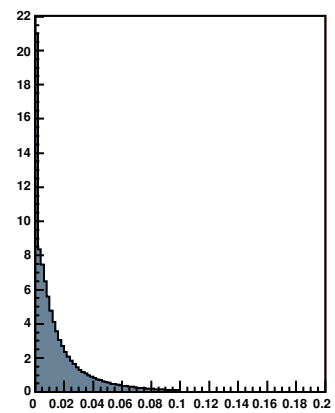
fake-after lepton calorimeter isolation cut



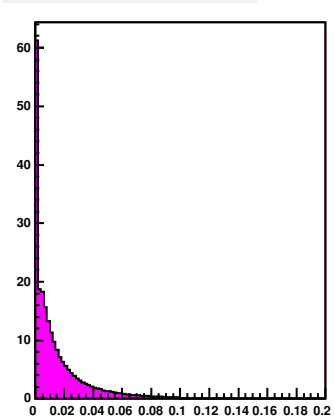
WZ-after lepton calorimeter isolation cut



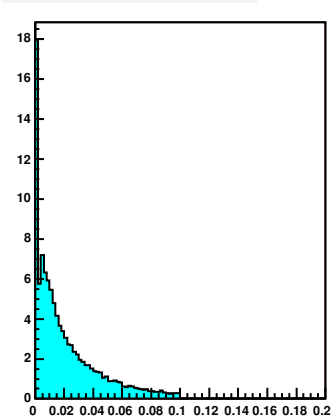
ZZ-after lepton calorimeter isolation cut



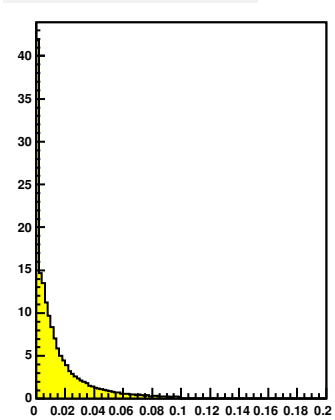
WW-after lepton calorimeter isolation cut



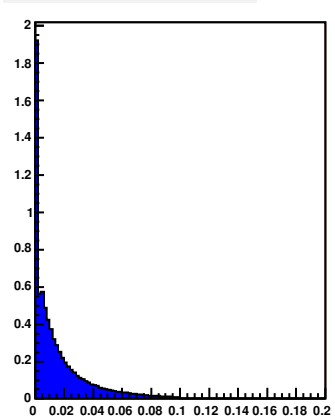
wgamma-after lepton calorimeter isolation cut



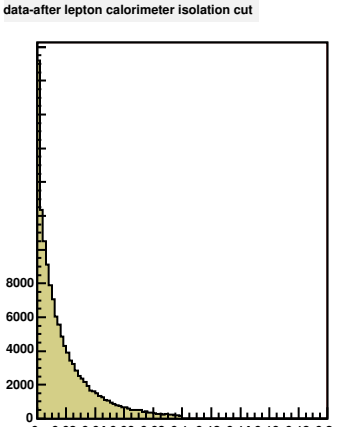
ttbar-after lepton calorimeter isolation cut



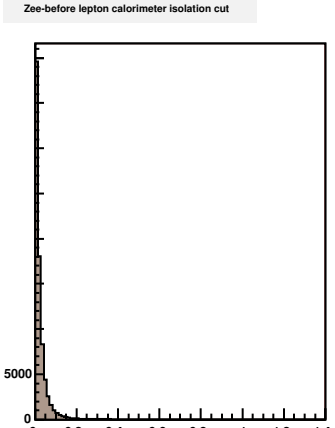
higgsww-after lepton calorimeter isolation cut



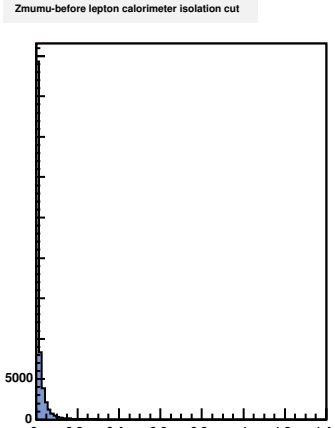
data-after lepton calorimeter isolation cut



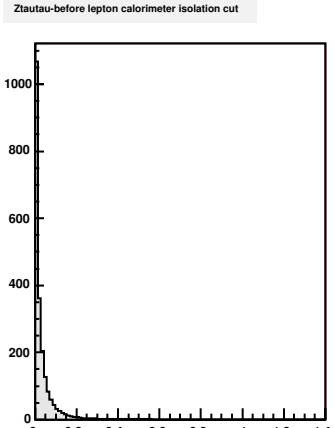
Zee-before lepton calorimeter isolation cut



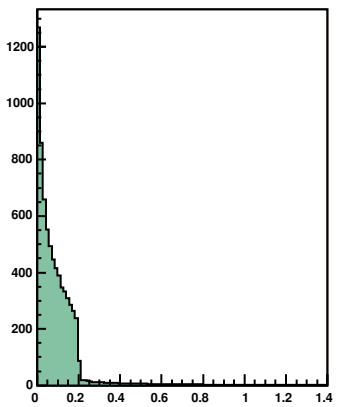
Zmumu-before lepton calorimeter isolation cut



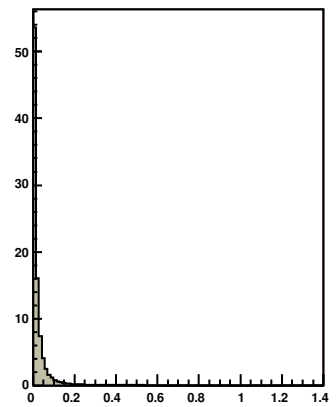
Ztautau-before lepton calorimeter isolation cut



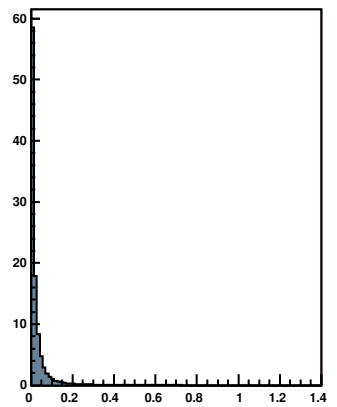
fake-before lepton calorimeter isolation cut



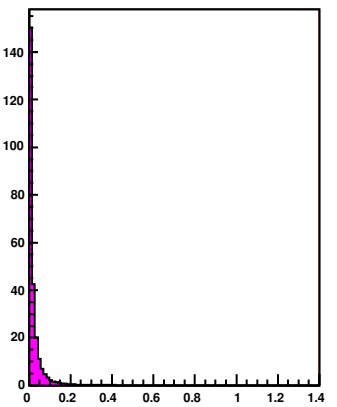
WZ-before lepton calorimeter isolation cut



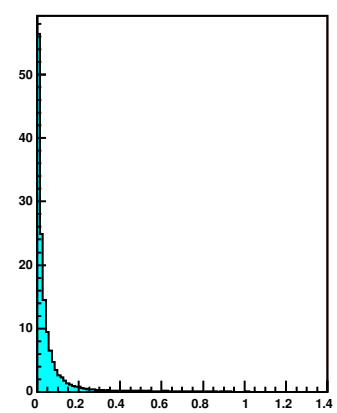
ZZ-before lepton calorimeter isolation cut



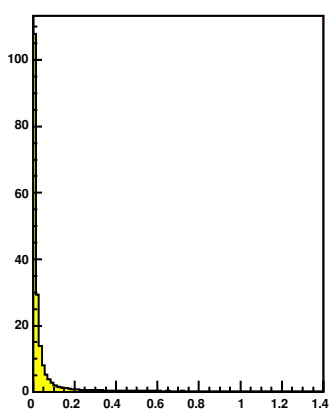
WW-before lepton calorimeter isolation cut



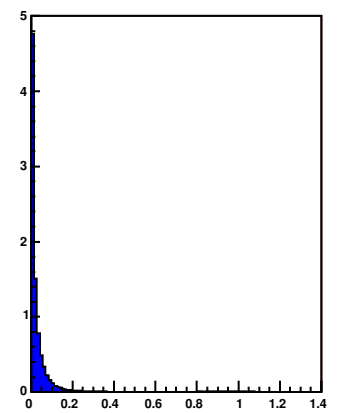
wgamma-before lepton calorimeter isolation cut



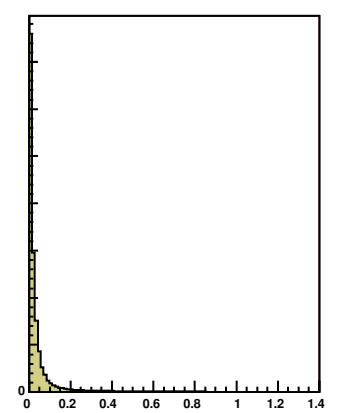
ttbar-before lepton calorimeter isolation cut



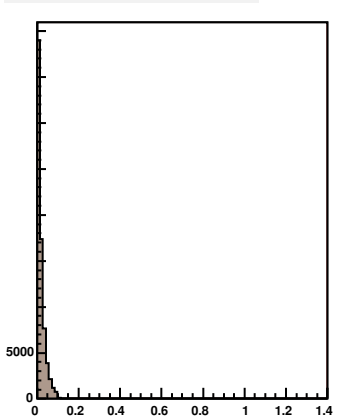
higgsww-before lepton calorimeter isolation cut



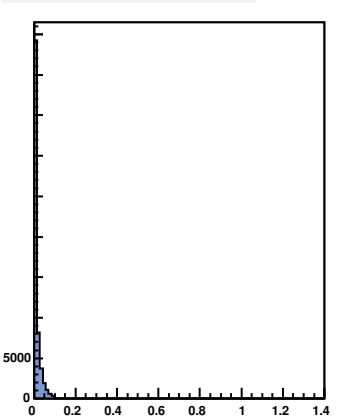
data-before lepton calorimeter isolation cut



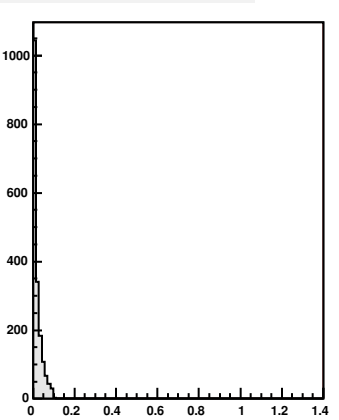
Zee-after lepton calorimeter isolation cut



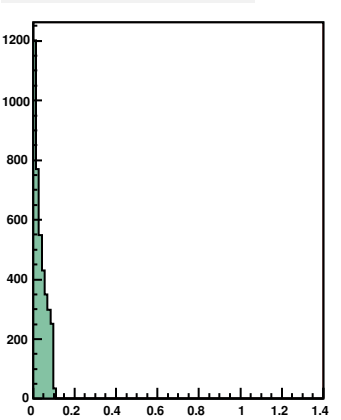
Zmumu-after lepton calorimeter isolation cut



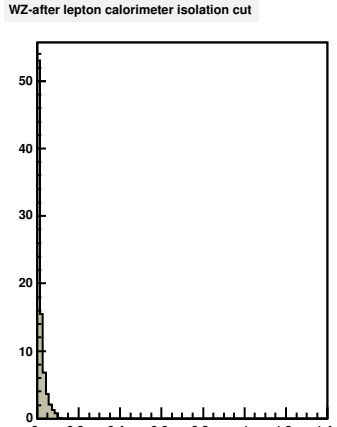
Ztautau-after lepton calorimeter isolation cut



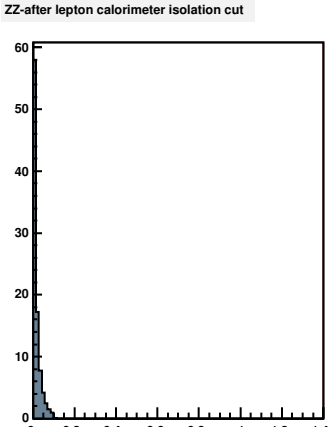
fake-after lepton calorimeter isolation cut



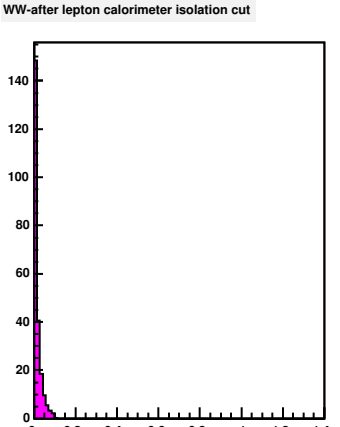
WZ-after lepton calorimeter isolation cut



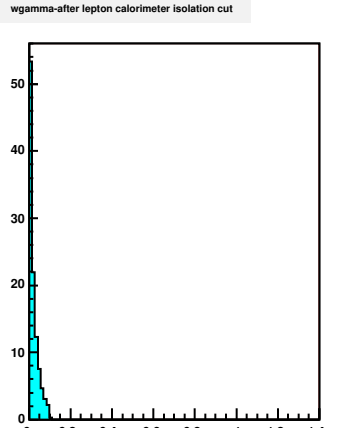
ZZ-after lepton calorimeter isolation cut



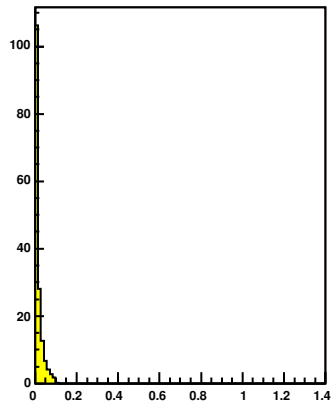
WW-after lepton calorimeter isolation cut



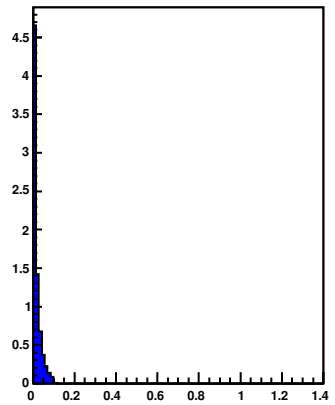
wgamma-after lepton calorimeter isolation cut



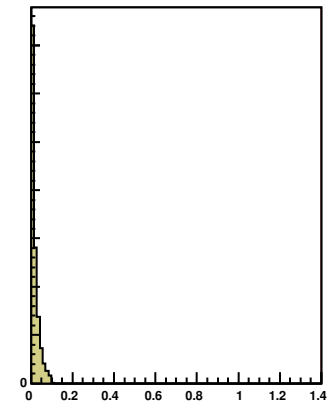
ttbar-after lepton calorimeter isolation cut



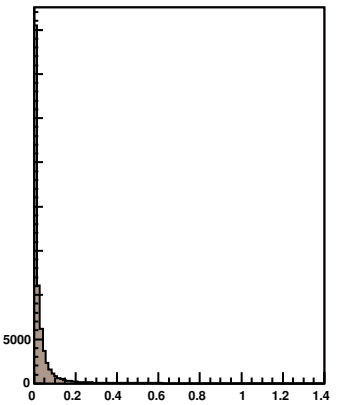
higgsww-after lepton calorimeter isolation cut



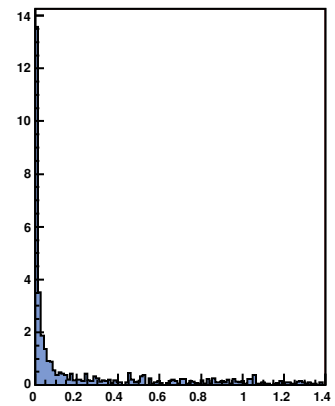
data-after lepton calorimeter isolation cut



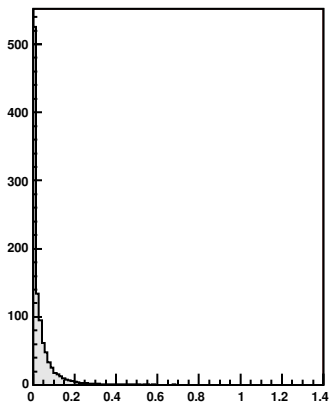
Zee-TCE Trk Isolation



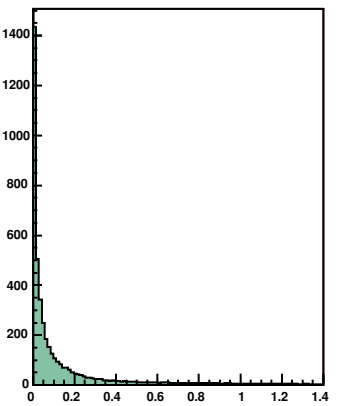
Zmumu-TCE Trk Isolation



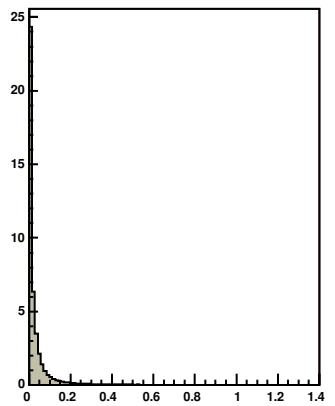
Ztautau-TCE Trk Isolation



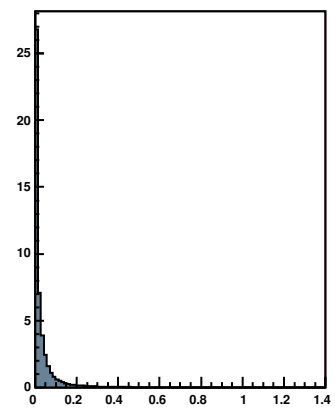
fake-TCE Trk Isolation



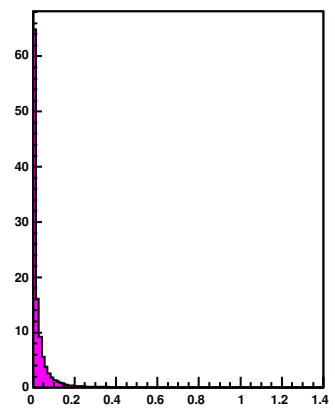
WZ-TCE Trk Isolation



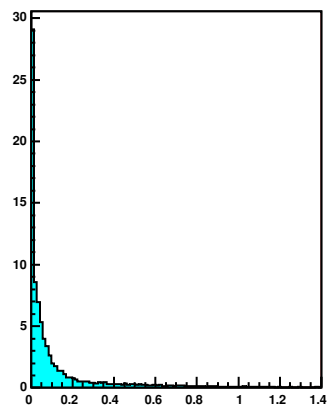
ZZ-TCE Trk Isolation



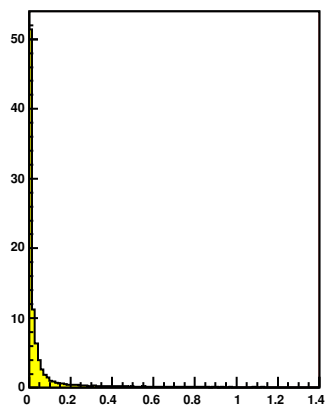
WW-TCE Trk Isolation



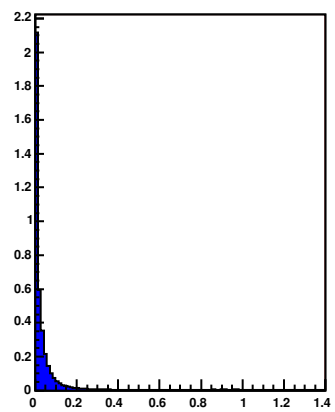
wgamma-TCE Trk Isolation



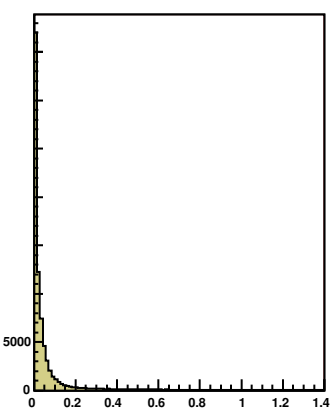
ttbar-TCE Trk Isolation



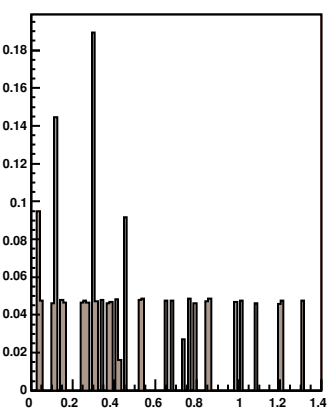
higgsww-TCE Trk Isolation



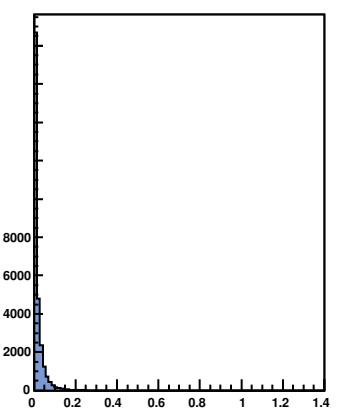
data-TCE Trk Isolation



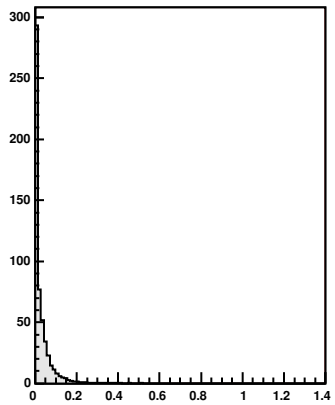
Zee-CMUP Trk Isolation



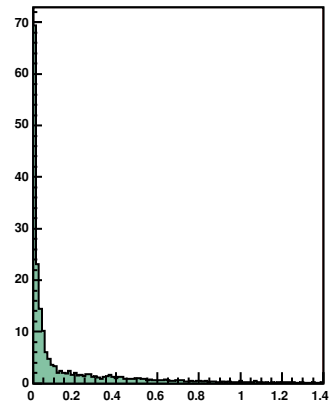
Zmumu-CMUP Trk Isolation



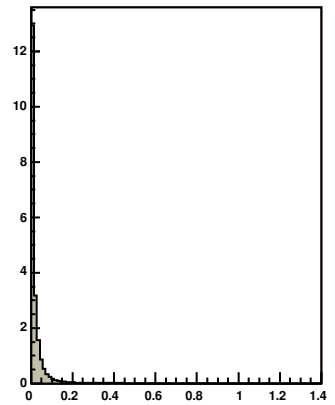
Ztautau-CMUP Trk Isolation



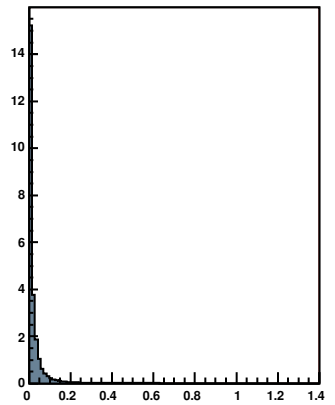
fake-CMUP Trk Isolation



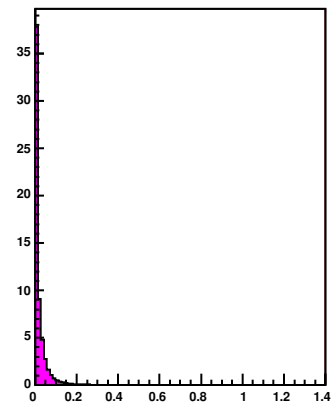
WZ-CMUP Trk Isolation



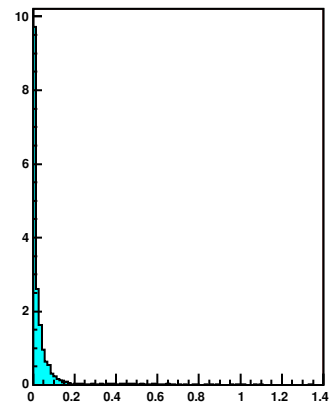
ZZ-CMUP Trk Isolation



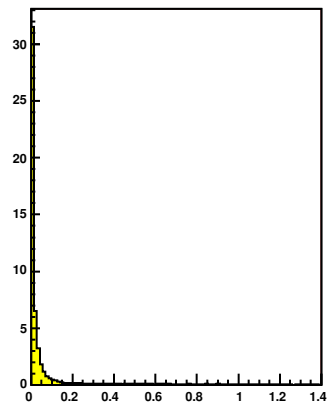
WW-CMUP Trk Isolation



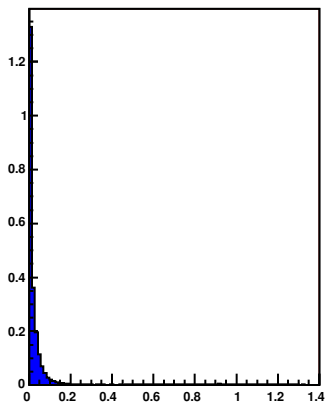
wgamma-CMUP Trk Isolation



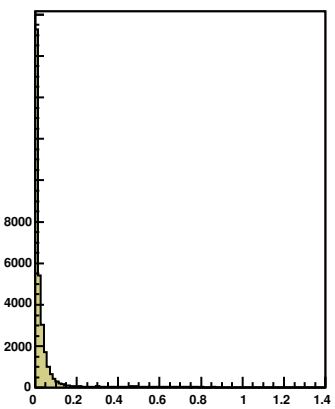
ttbar-CMUP Trk Isolation



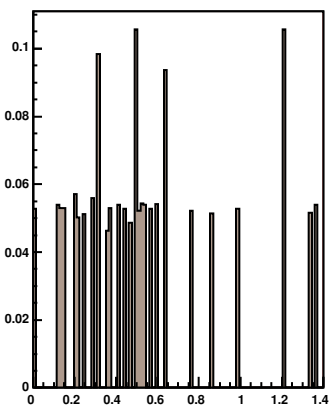
higgsww-CMUP Trk Isolation



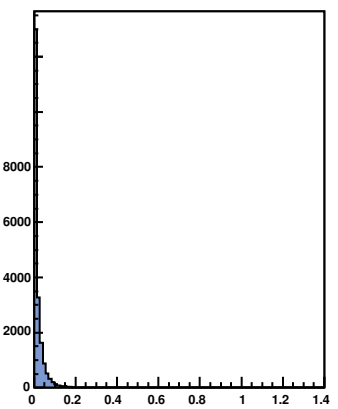
data-CMUP Trk Isolation



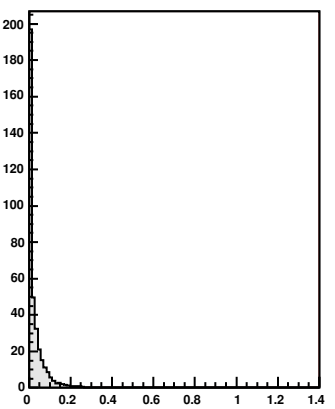
Zee-CMX Trk Isolation



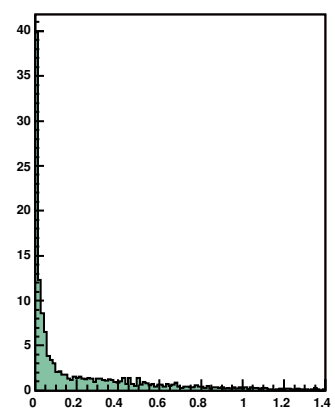
Zmumu-CMX Trk Isolation



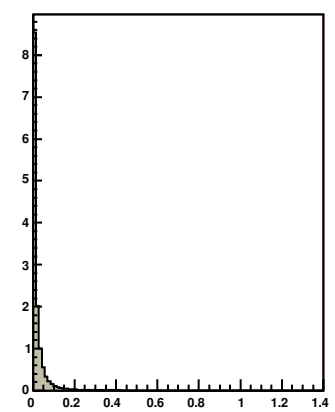
Ztautau-CMX Trk Isolation



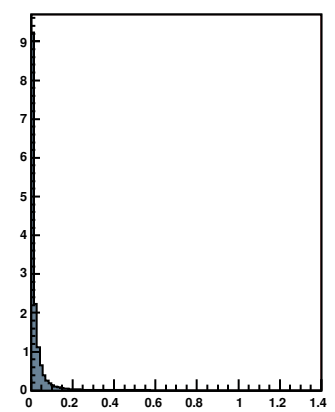
fake-CMX Trk Isolation



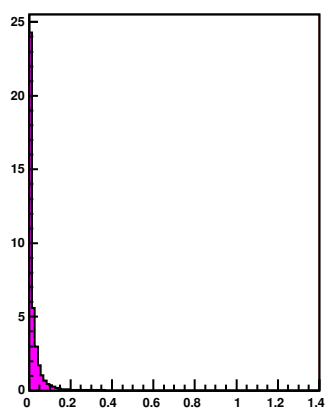
WZ-CMX Trk Isolation



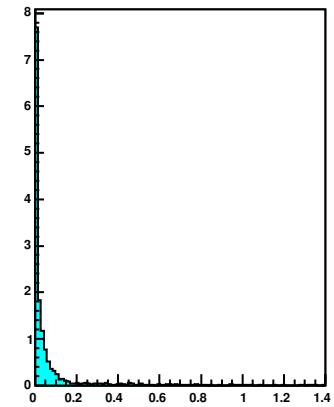
ZZ-CMX Trk Isolation



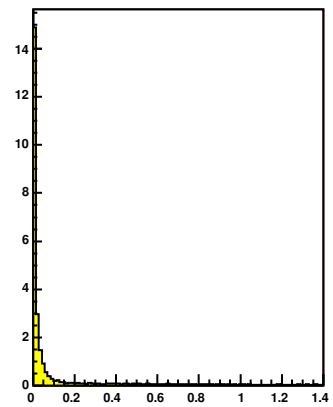
WW-CMX Trk Isolation



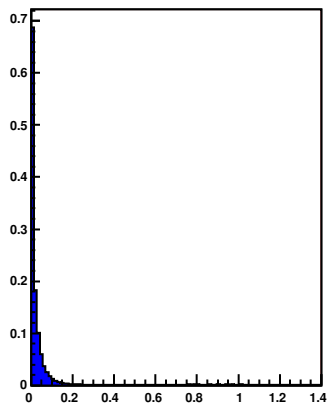
wgamma-CMX Trk Isolation



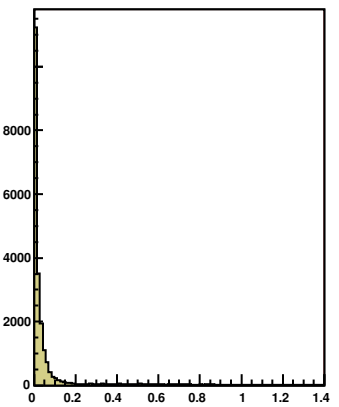
ttbar-CMX Trk Isolation



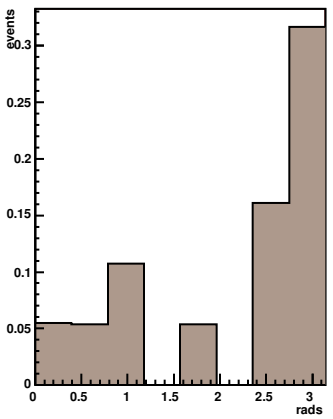
higgsww-CMX Trk Isolation



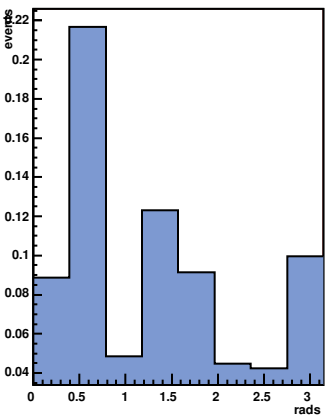
data-CMX Trk Isolation



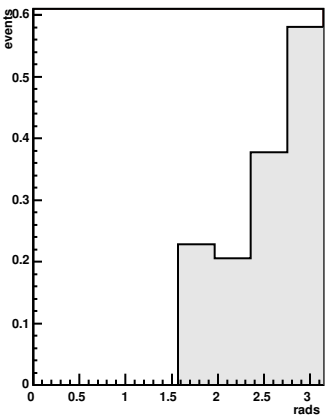
Zee-lepton angular separation



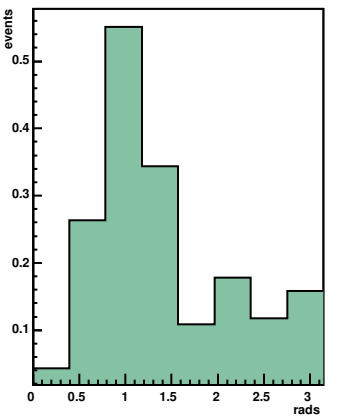
Zmumu-lepton angular separation



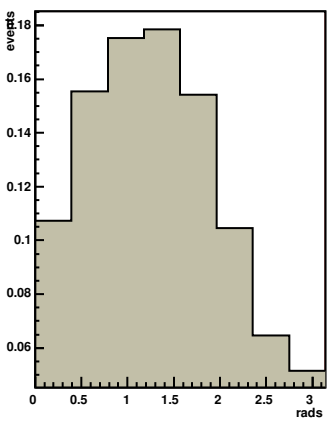
Ztautau-lepton angular separation



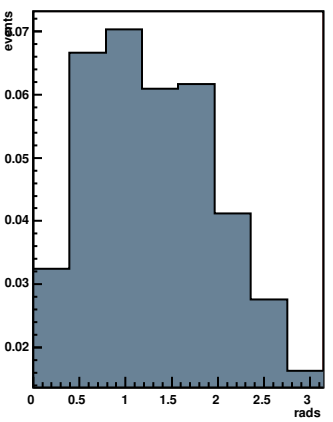
fake-lepton angular separation



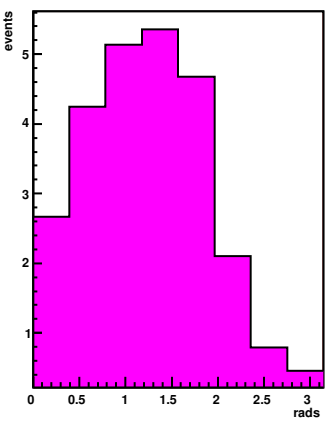
WZ-lepton angular separation



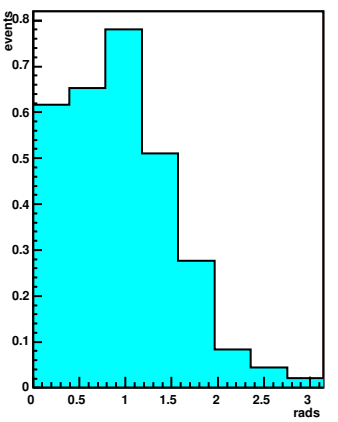
ZZ-lepton angular separation



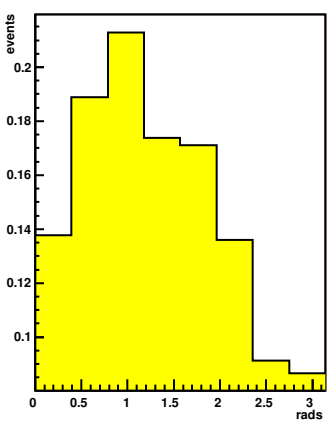
WW-lepton angular separation



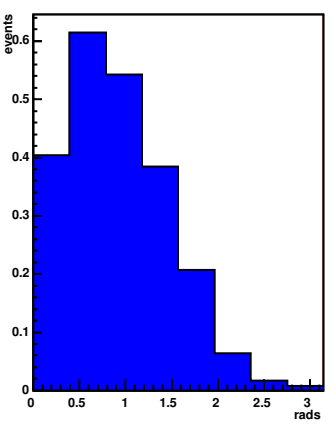
wgamma-lepton angular separation



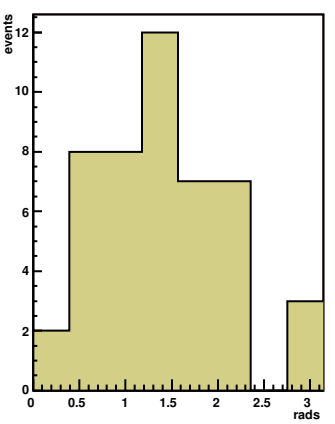
ttbar-lepton angular separation



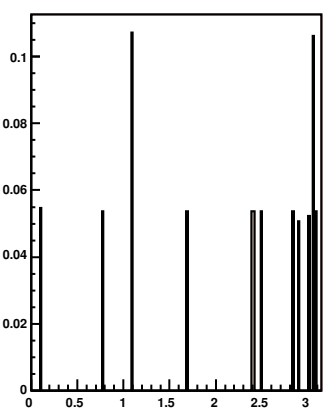
higgsww-lepton angular separation



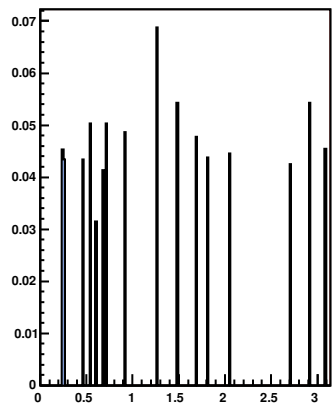
data-lepton angular separation



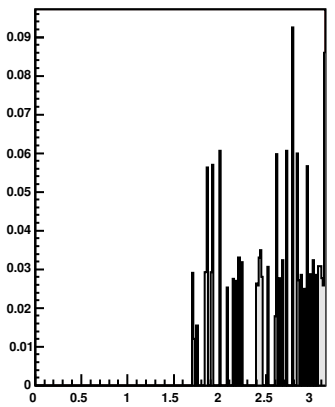
Zee-dildphi in ALLfor like



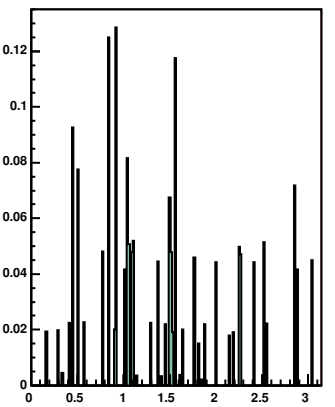
Zmumu-dildphi in ALLfor like



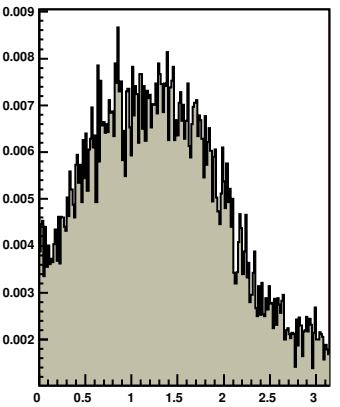
Ztautau-dildphi in ALLfor like



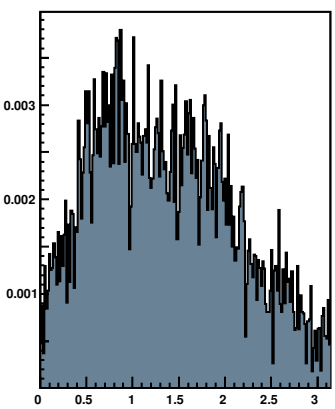
fake-dildphi in ALLfor like



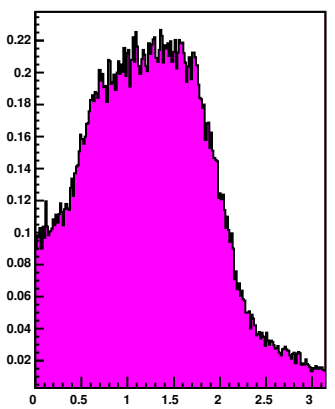
WZ-dildphi in ALLfor like



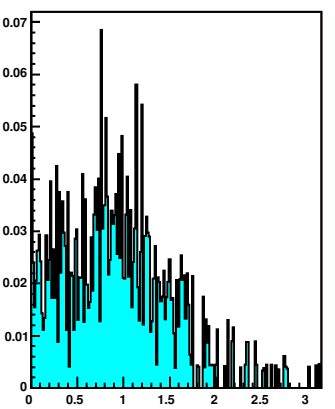
ZZ-dildphi in ALLfor like



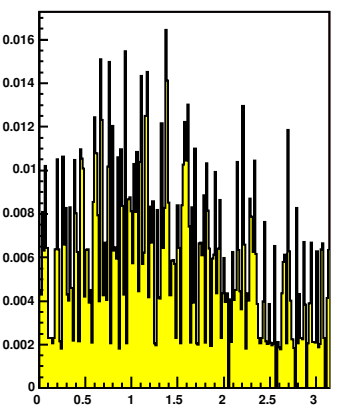
WW-dildphi in ALLfor like



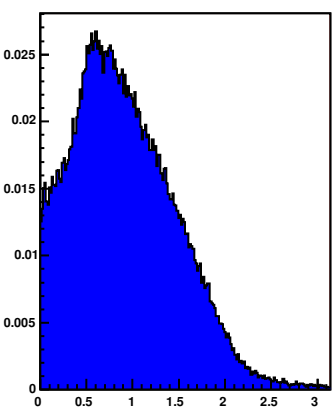
wgamma-dildphi in ALLfor like



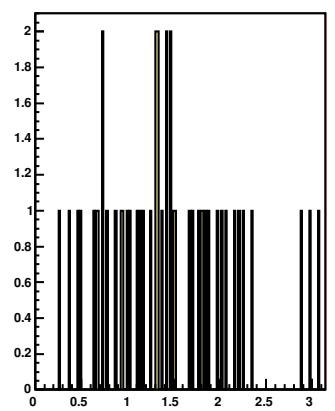
ttbar-dildphi in ALLfor like



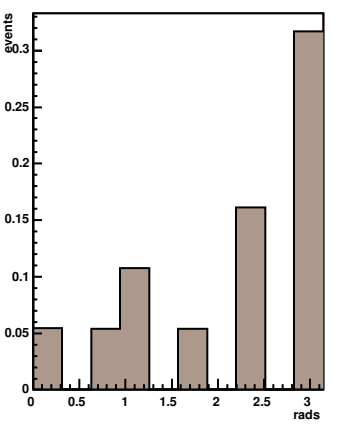
higgsww-dildphi in ALLfor like



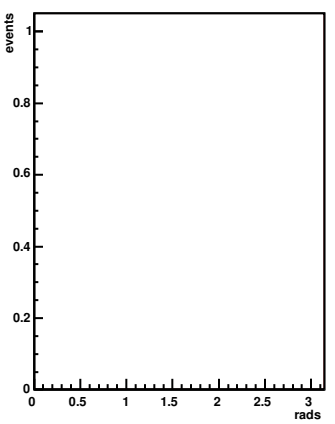
data-dildphi in ALLfor like



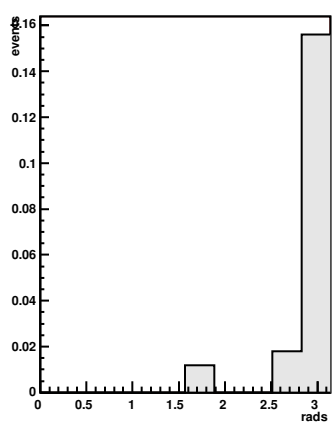
Zee-lepton angular separation of electrons



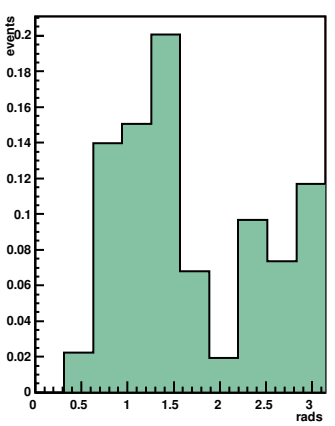
Zmumu-lepton angular separation of electrons



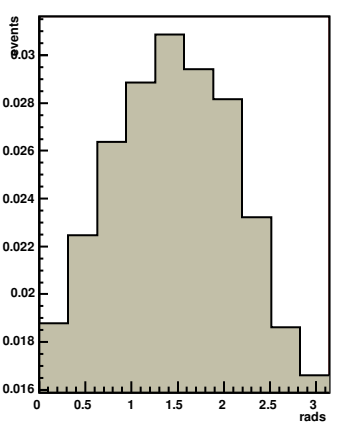
Ztautau-lepton angular separation of electrons



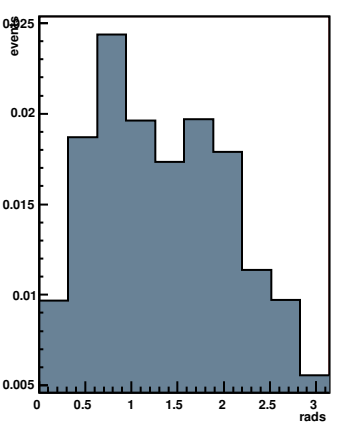
fake-lepton angular separation of electrons



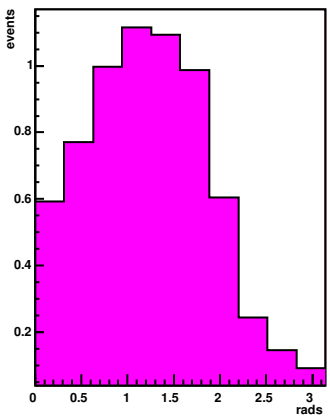
WZ-lepton angular separation of electrons



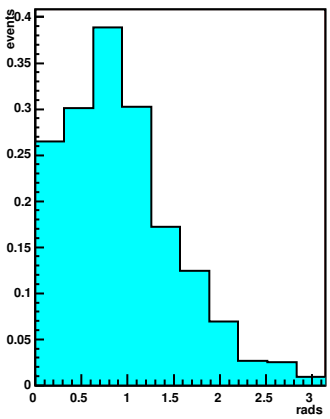
ZZ-lepton angular separation of electrons



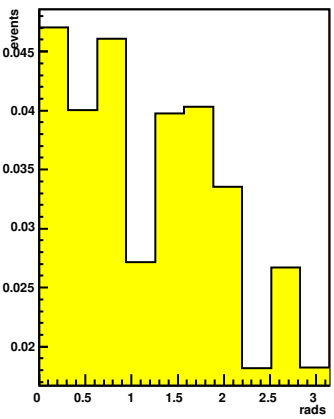
WW-lepton angular separation of electrons



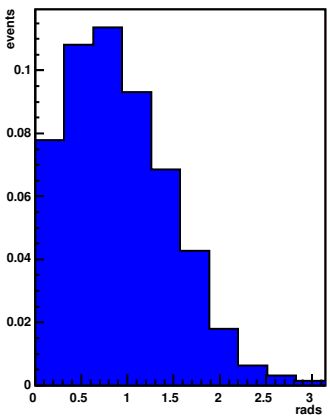
wgamma-lepton angular separation of electrons



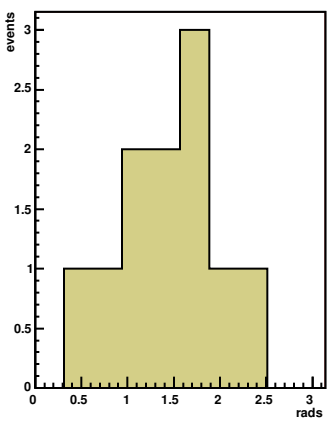
ttbar-lepton angular separation of electrons



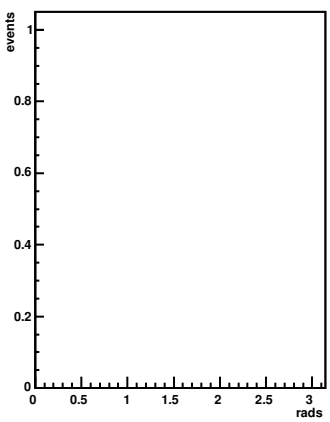
higgsww-lepton angular separation of electrons



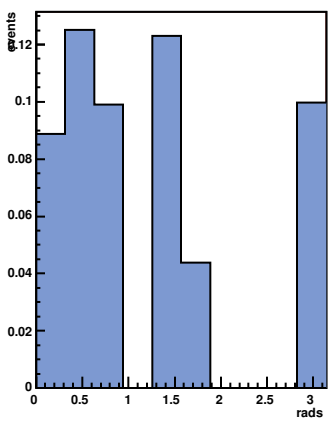
data-lepton angular separation of electrons



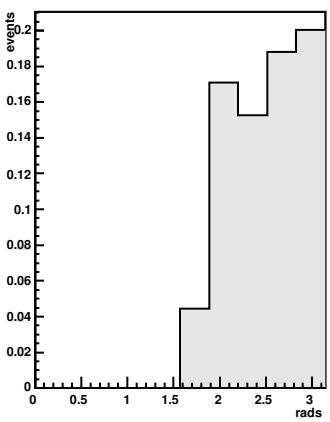
Zee-lepton angular separation of muon and electron



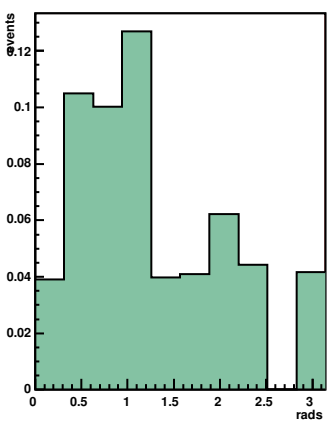
Zmumu-lepton angular separation of muon and electron



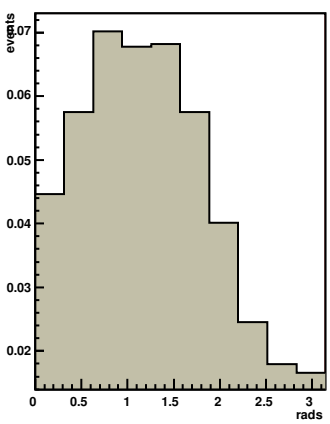
Ztautau-lepton angular separation of muon and electron



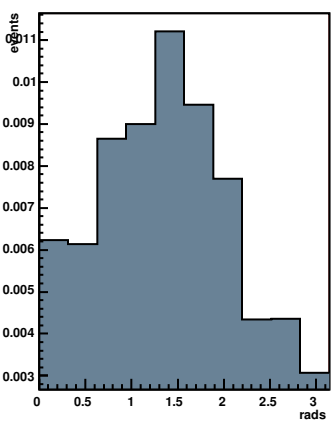
fake-lepton angular separation of muon and electron



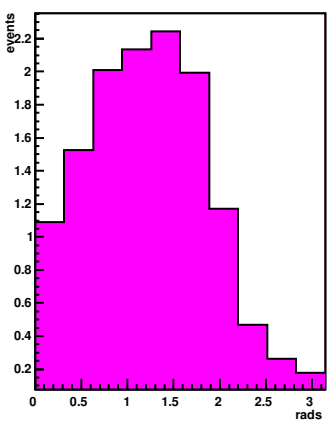
WZ-lepton angular separation of muon and electron



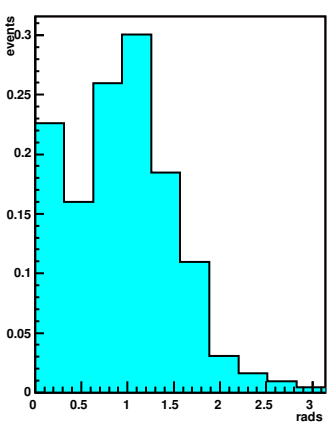
ZZ-lepton angular separation of muon and electron



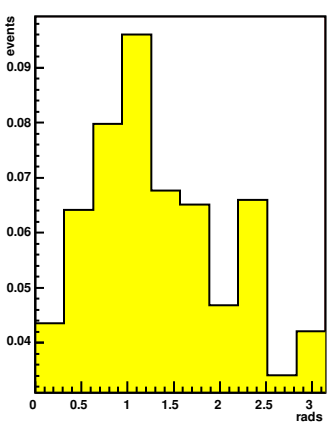
WW-lepton angular separation of muon and electron



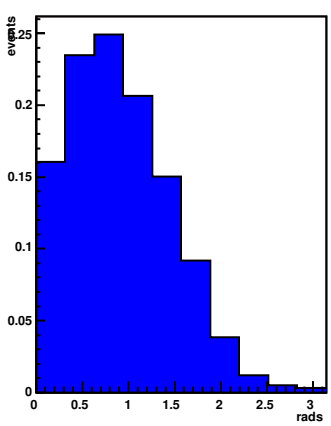
wgamma-lepton angular separation of muon and electron



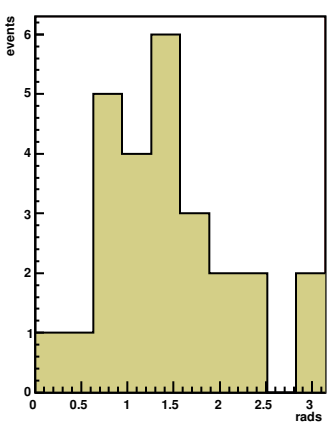
ttbar-lepton angular separation of muon and electron



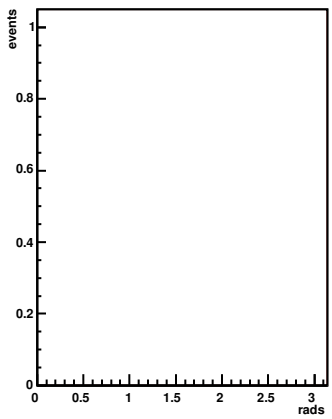
higgsww-lepton angular separation of muon and electron



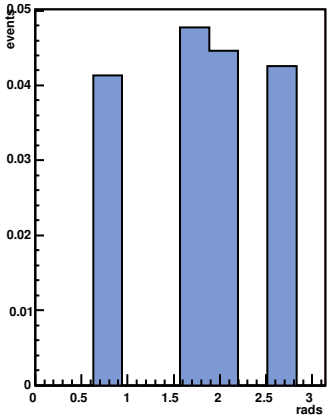
data-lepton angular separation of muon and electron



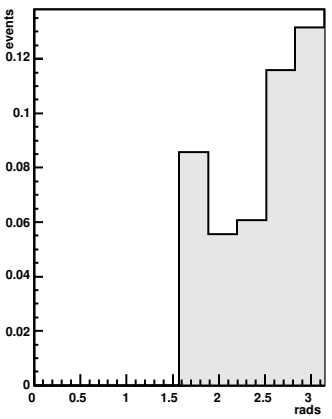
Zee-lepton angular separation of muons



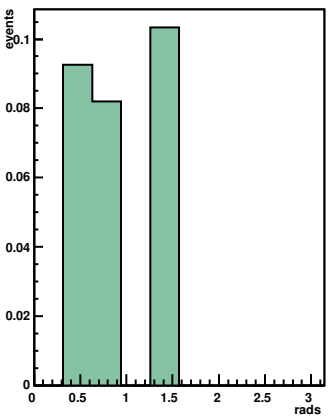
Zmumu-lepton angular separation of muons



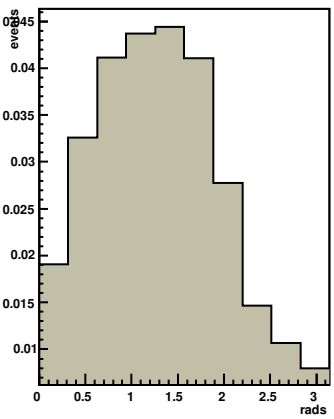
Ztautau-lepton angular separation of muons



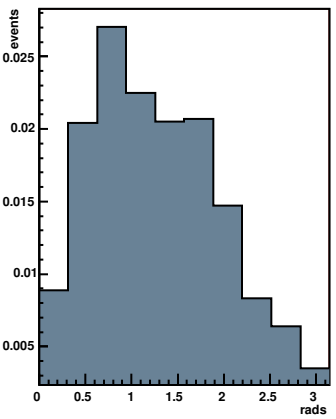
fake-lepton angular separation of muons



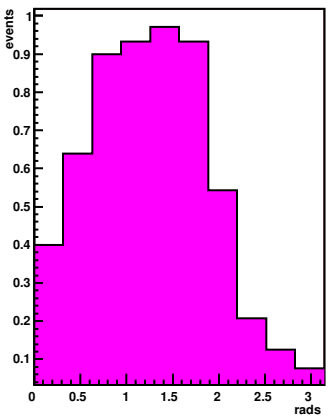
WZ-lepton angular separation of muons



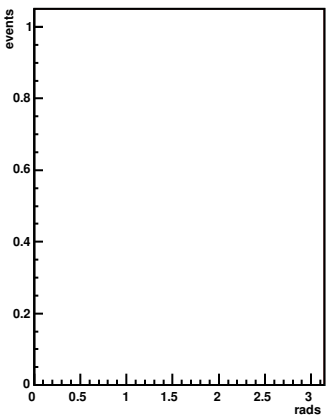
ZZ-lepton angular separation of muons



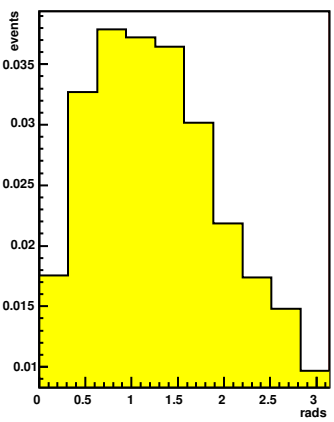
WW-lepton angular separation of muons



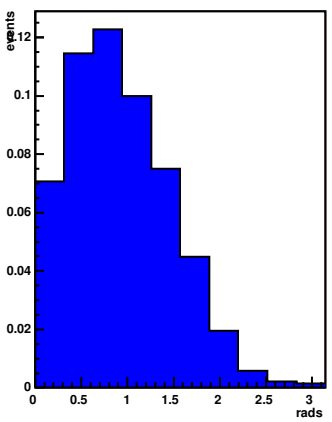
wgamma-lepton angular separation of muons



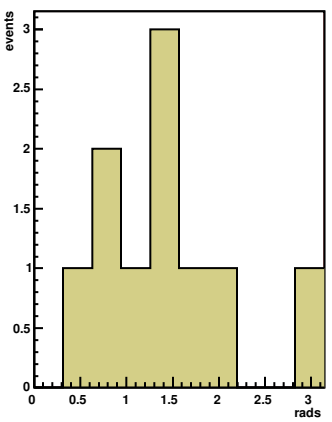
ttbar-lepton angular separation of muons



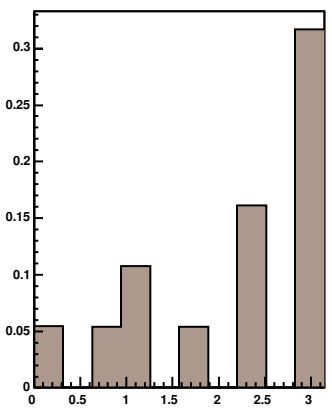
higgsww-lepton angular separation of muons



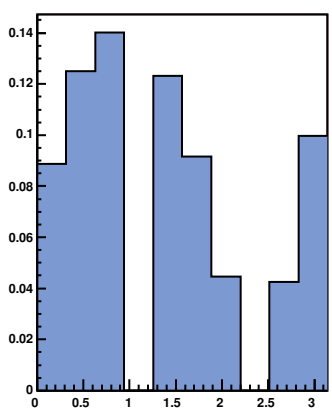
data-lepton angular separation of muons



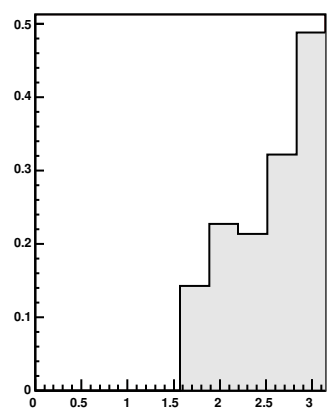
Zee-dildphi in ALL



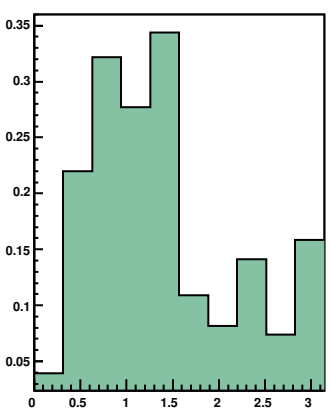
Zmumu-dildphi in ALL



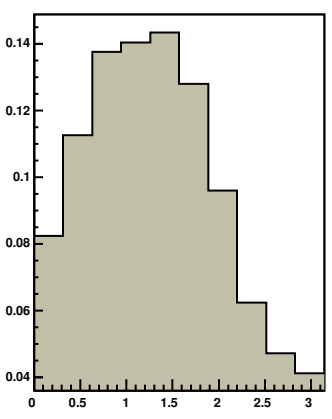
Ztautau-dildphi in ALL



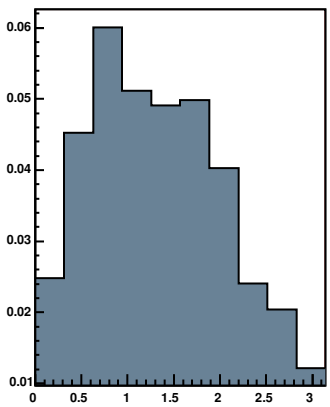
fake-dildphi in ALL



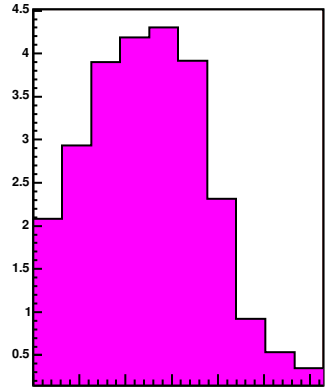
WZ-dildphi in ALL



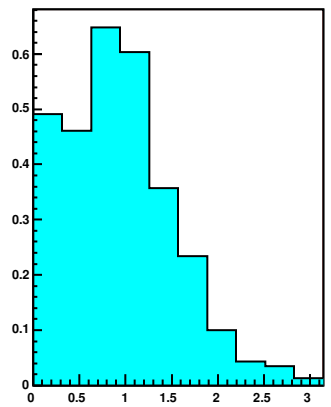
ZZ-dildphi in ALL



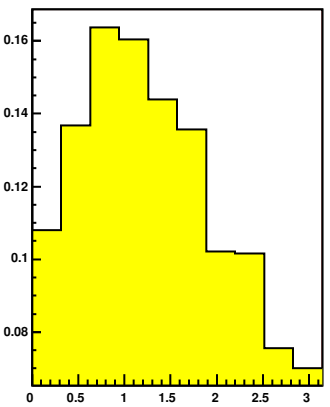
WW-dildphi in ALL



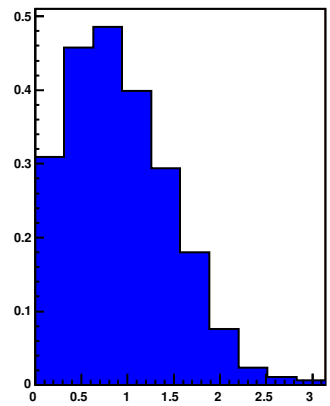
wgamma-dildphi in ALL



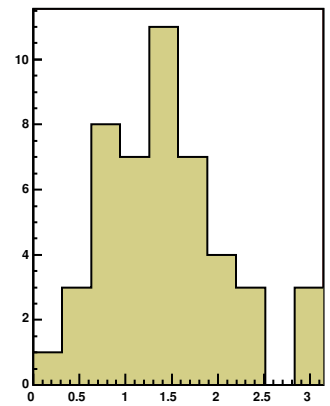
ttbar-dildphi in ALL



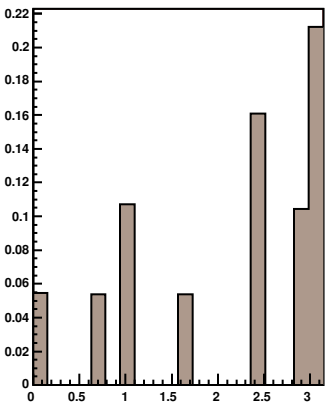
higgsww-dildphi in ALL



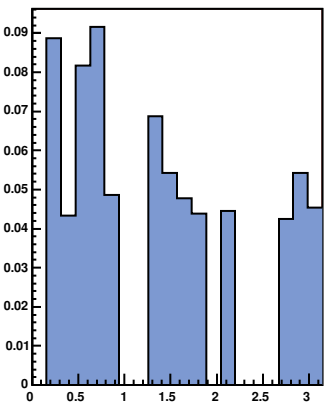
data-dildphi in ALL



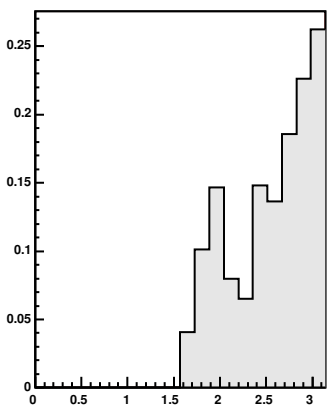
Zee-dildphi in ALL



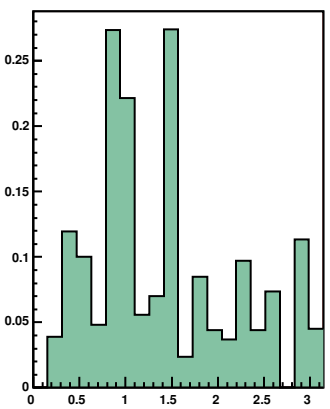
Zmumu-dildphi in ALL



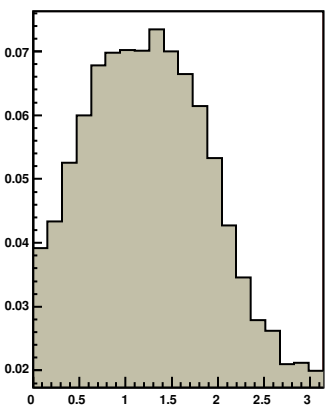
Ztautau-dildphi in ALL



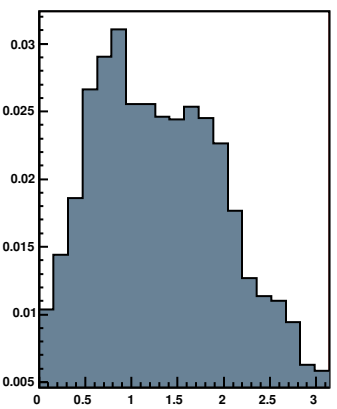
fake-dildphi in ALL



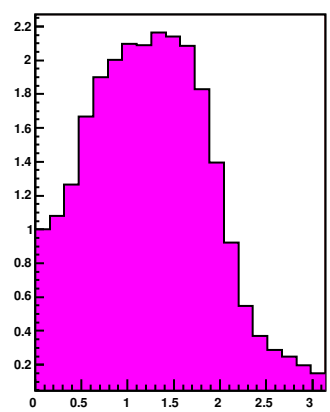
WZ-dildphi in ALL



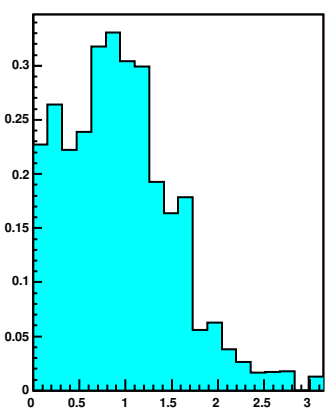
ZZ-dildphi in ALL



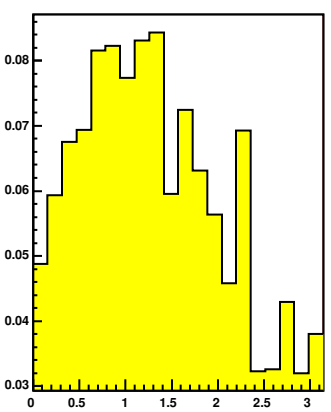
WW-dildphi in ALL



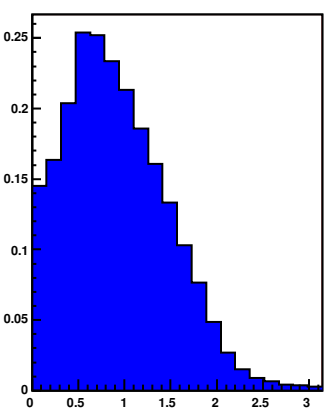
wgamma-dildphi in ALL



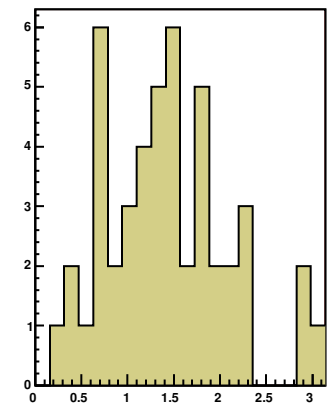
ttbar-dildphi in ALL



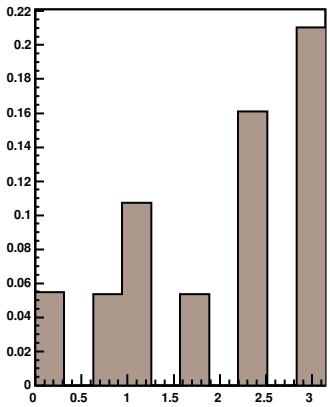
higgsww-dildphi in ALL



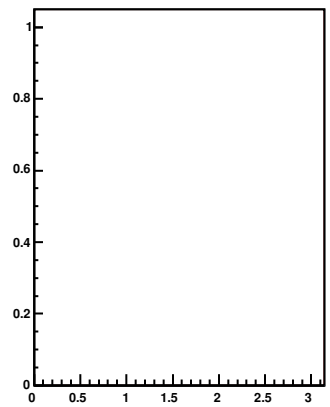
data-dildphi in ALL



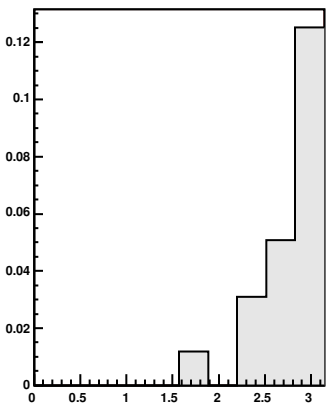
Zee-dphi of electrons, high JES



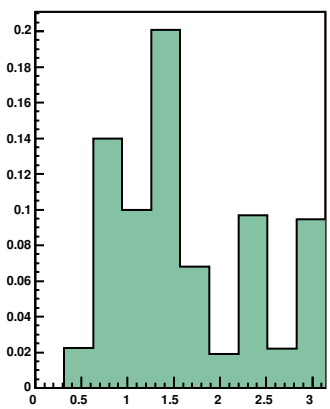
Zmumu-dphi of electrons, high JES



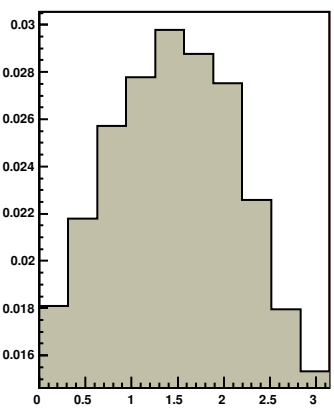
Ztautau-dphi of electrons, high JES



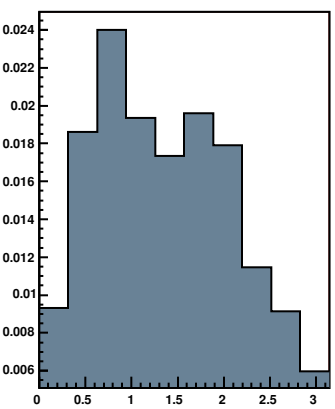
fake-dphi of electrons, high JES



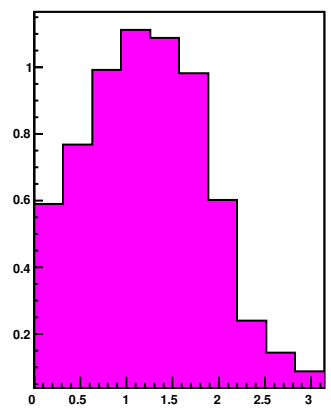
WZ-dphi of electrons, high JES



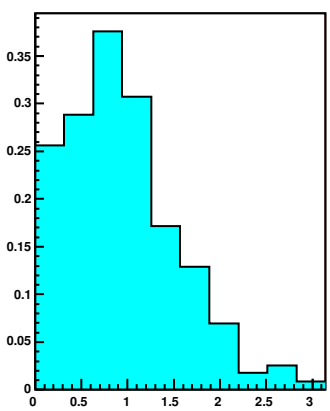
ZZ-dphi of electrons, high JES



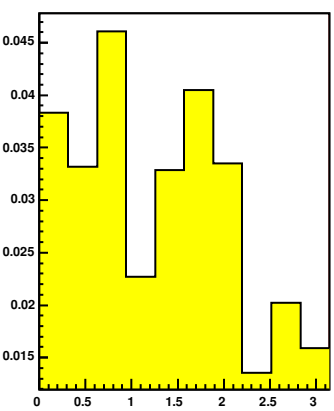
WW-dphi of electrons, high JES



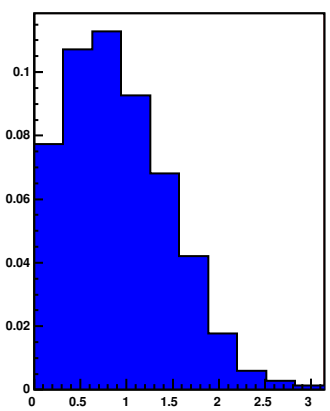
wgamma-dphi of electrons, high JES



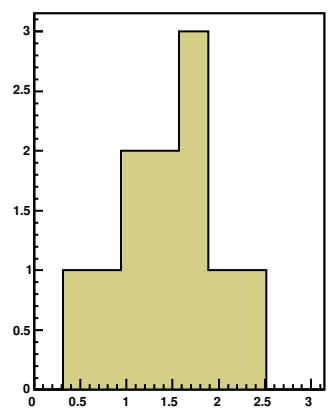
ttbar-dphi of electrons, high JES



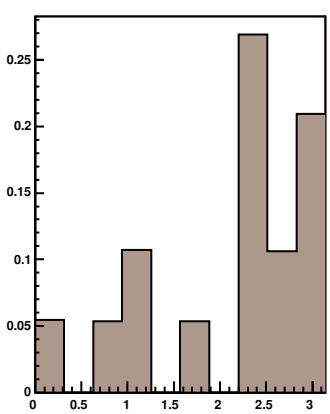
higgsww-dphi of electrons, high JES



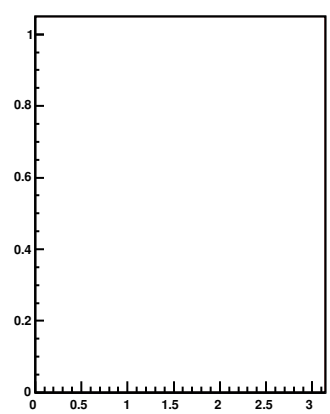
data-dphi of electrons, high JES



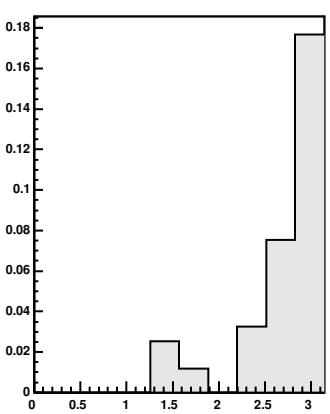
Zee-dphi of electrons, low JES



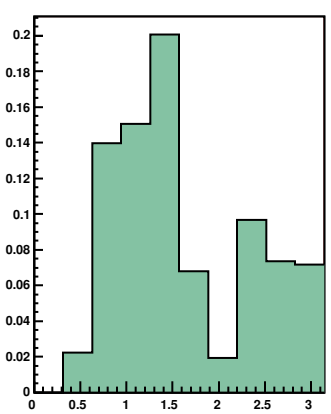
Zmumu-dphi of electrons, low JES



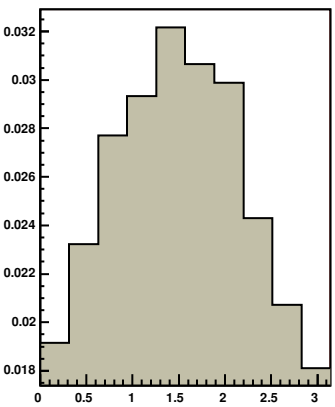
Ztautau-dphi of electrons, low JES



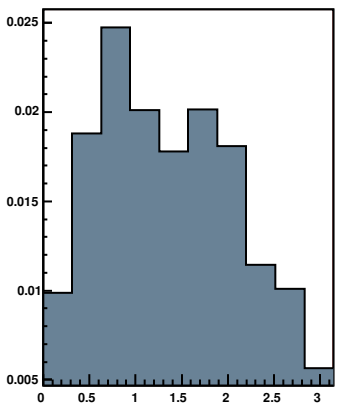
fake-dphi of electrons, low JES



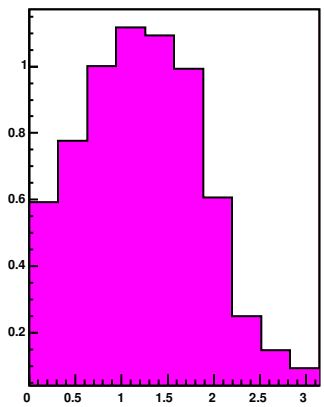
WZ-dphi of electrons, low JES



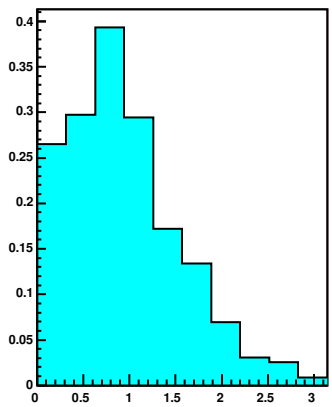
ZZ-dphi of electrons, low JES



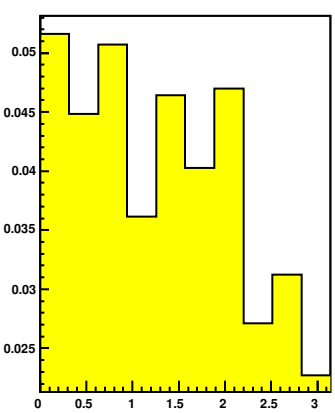
WW-dphi of electrons, low JES



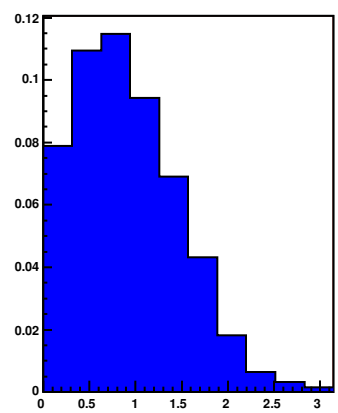
wgamma-dphi of electrons, low JES



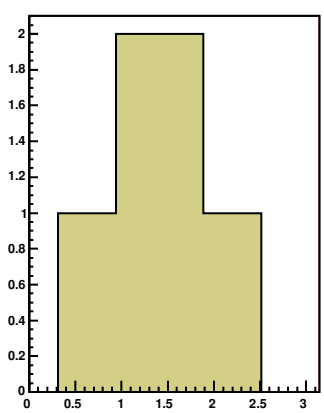
ttbar-dphi of electrons, low JES



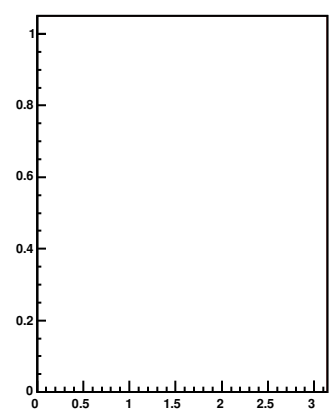
higgsww-dphi of electrons, low JES



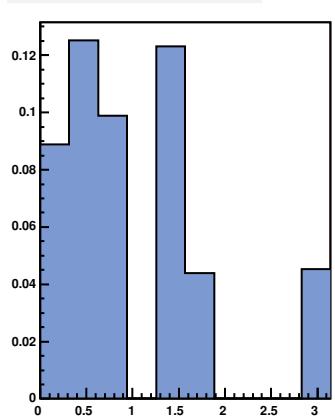
data-dphi of electrons, low JES



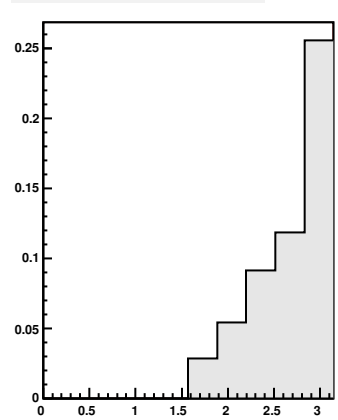
Zee-dphi of electron and muon, high JES



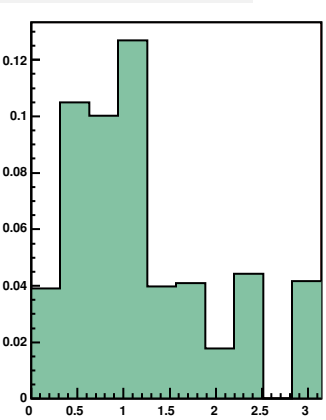
Zmumu-dphi of electron and muon, high JES



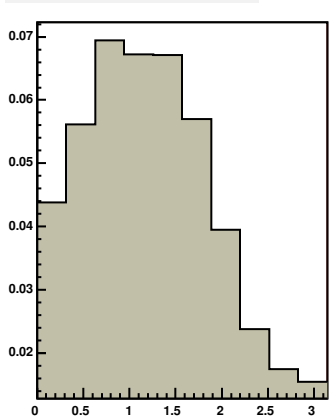
Ztautau-dphi of electron and muon, high JES



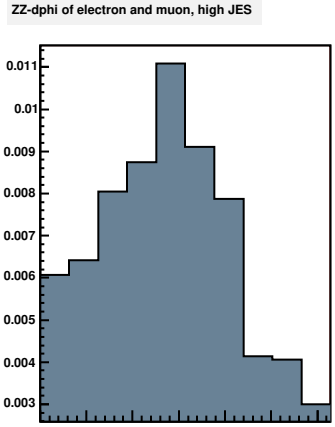
fake-dphi of electron and muon, high JES



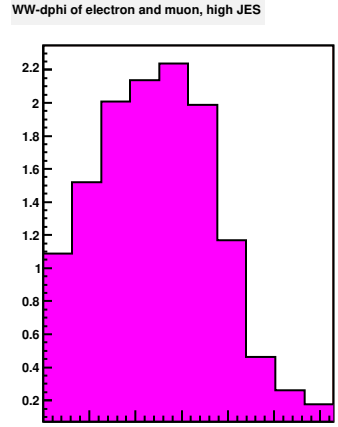
WZ-dphi of electron and muon, high JES



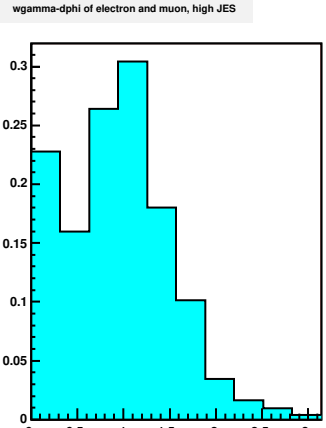
ZZ-dphi of electron and muon, high JES



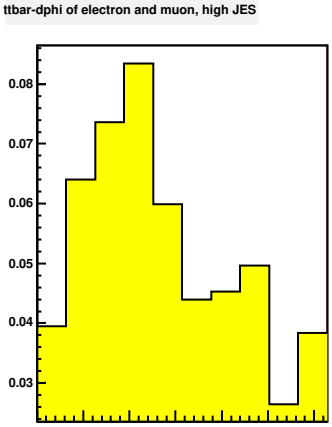
WW-dphi of electron and muon, high JES



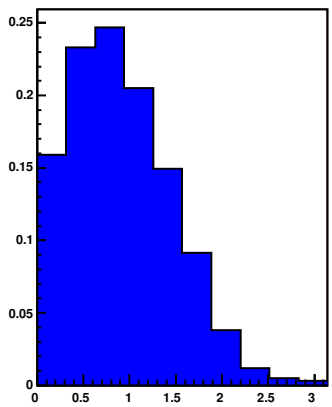
wgamma-dphi of electron and muon, high JES



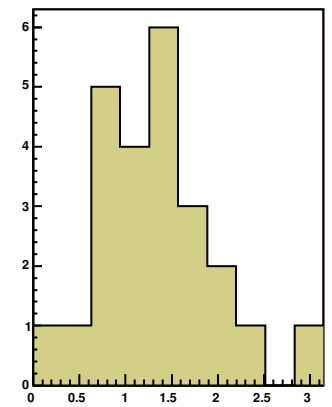
ttbar-dphi of electron and muon, high JES



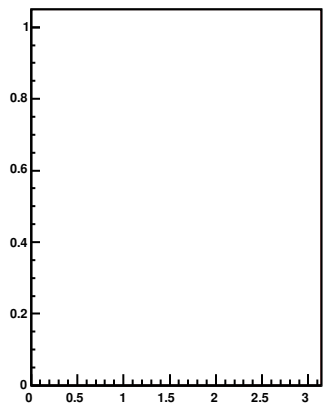
higgsww-dphi of electron and muon, high JES



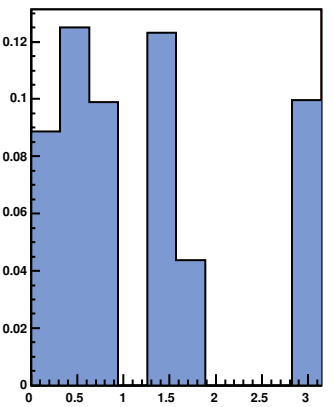
data-dphi of electron and muon, high JES



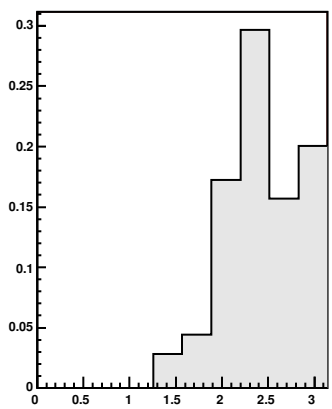
Zee-dphi of electron and muon, low JES



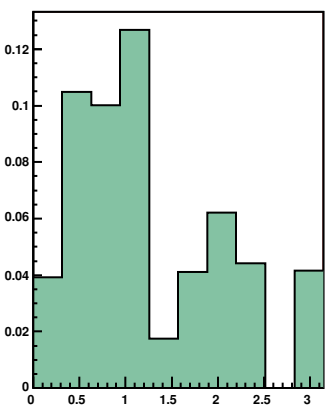
Zmumu-dphi of electron and muon, low JES



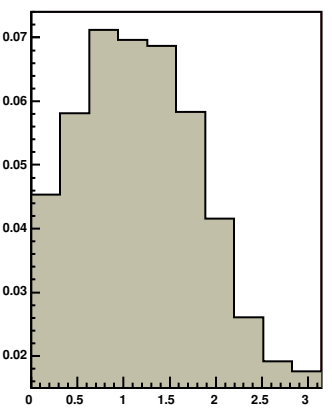
Ztautau-dphi of electron and muon, low JES



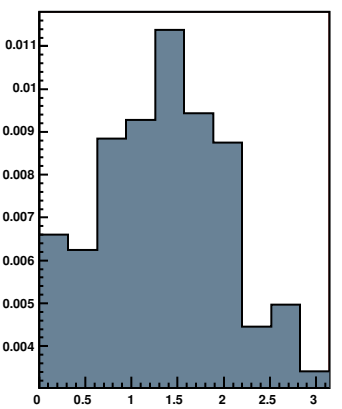
fake-dphi of electron and muon, low JES



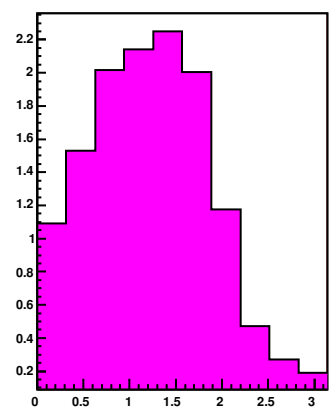
WZ-dphi of electron and muon, low JES



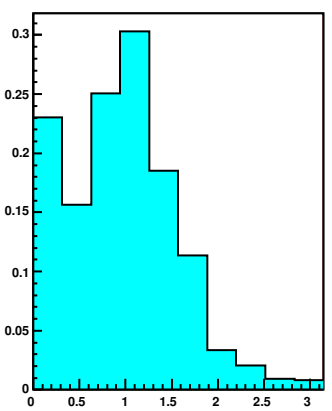
ZZ-dphi of electron and muon, low JES



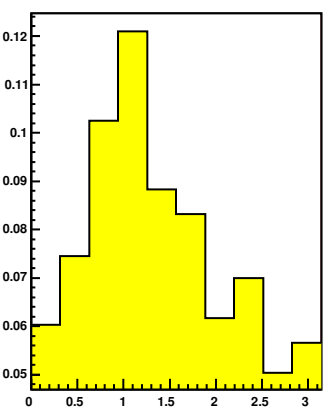
WW-dphi of electron and muon, low JES



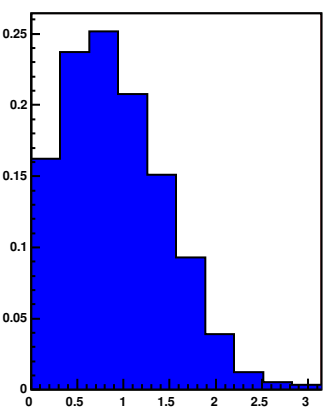
wgamma-dphi of electron and muon, low JES



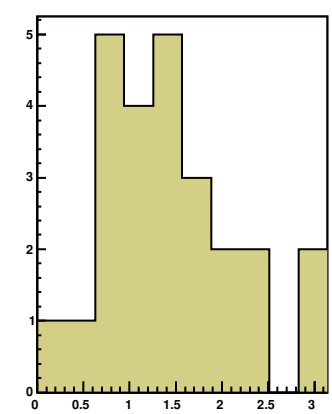
ttbar-dphi of electron and muon, low JES



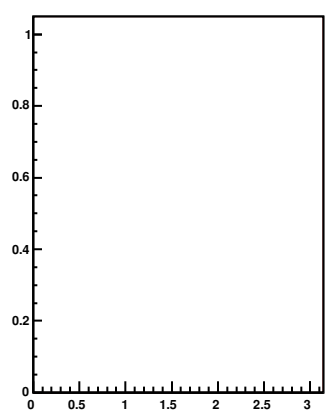
higgsww-dphi of electron and muon, low JES



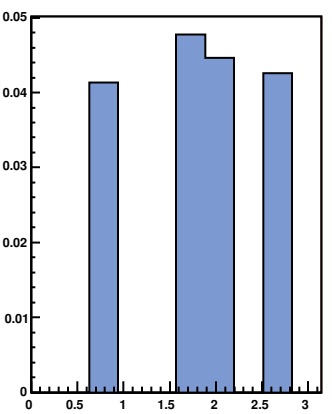
data-dphi of electron and muon, low JES



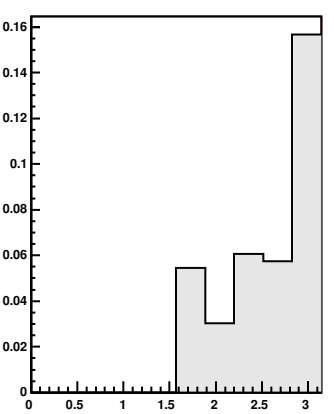
Zee-dphi of muons, high JES



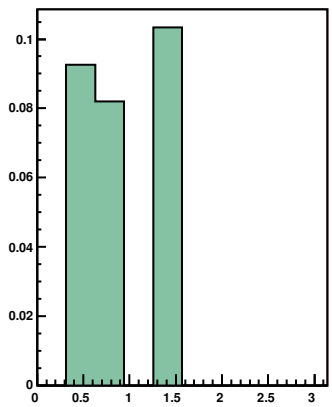
Zmumu-dphi of muons, high JES



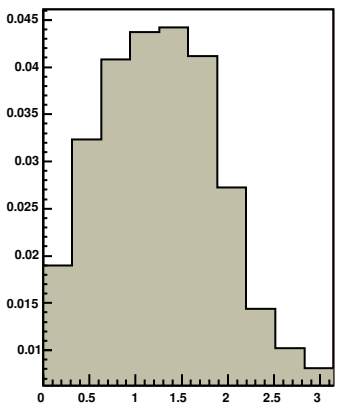
Ztautau-dphi of muons, high JES



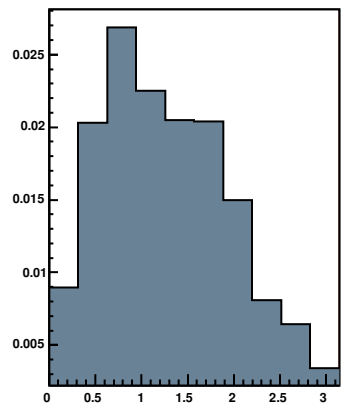
fake-dphi of muons, high JES



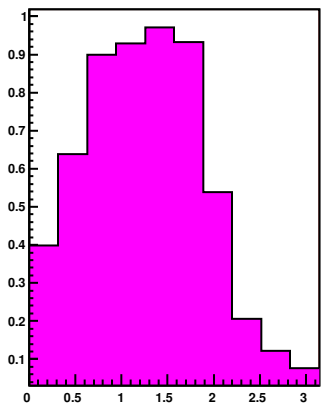
WZ-dphi of muons, high JES



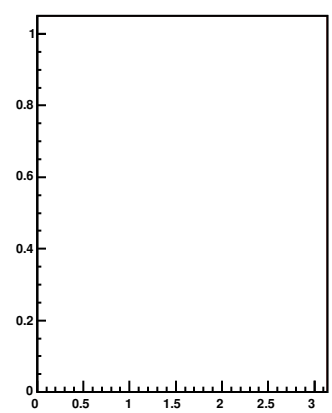
ZZ-dphi of muons, high JES



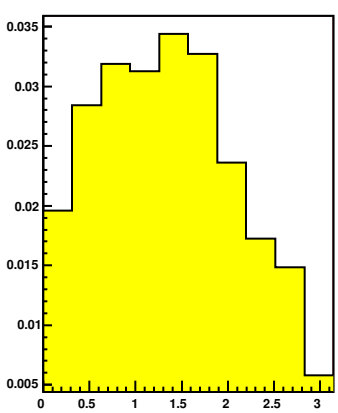
WW-dphi of muons, high JES



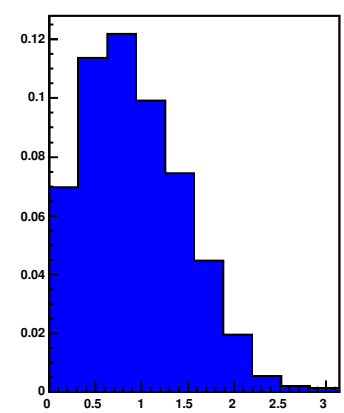
wgamma-dphi of muons, high JES



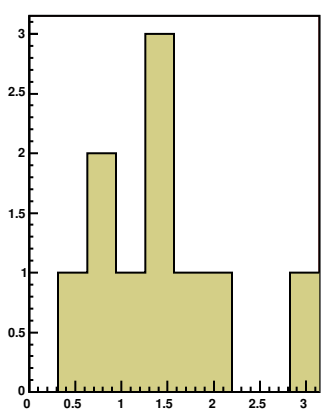
ttbar-dphi of muons, high JES



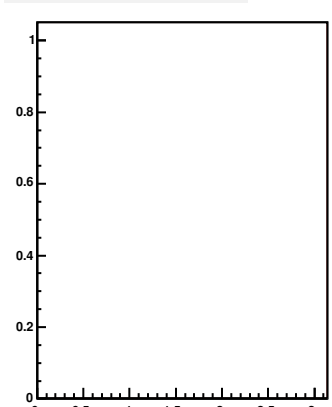
higgsww-dphi of muons, high JES



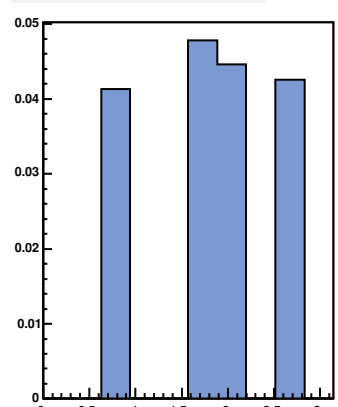
data-dphi of muons, high JES



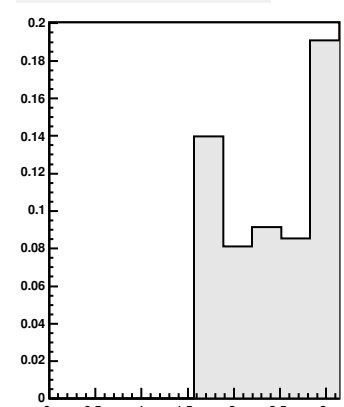
Zee-dphi of muons, low JES



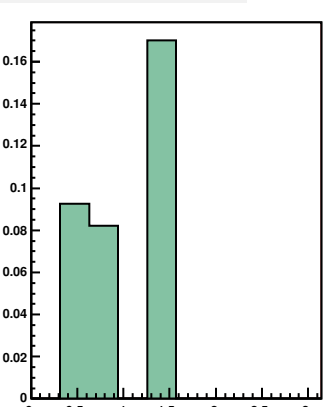
Zmumu-dphi of muons, low JES



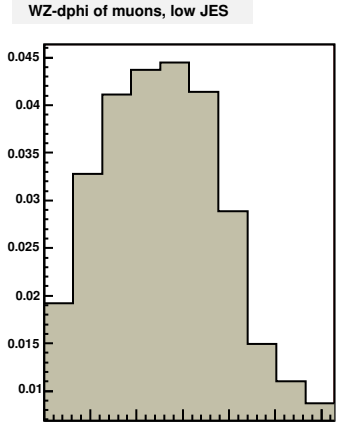
Ztautau-dphi of muons, low JES



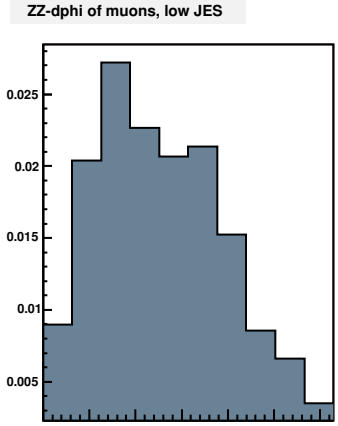
fake-dphi of muons, low JES



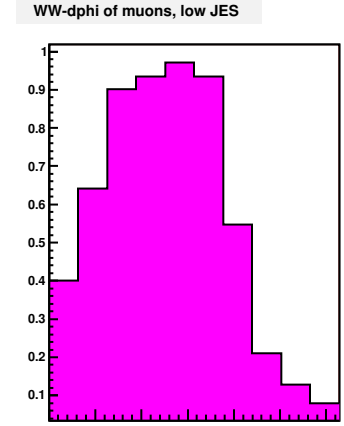
WZ-dphi of muons, low JES



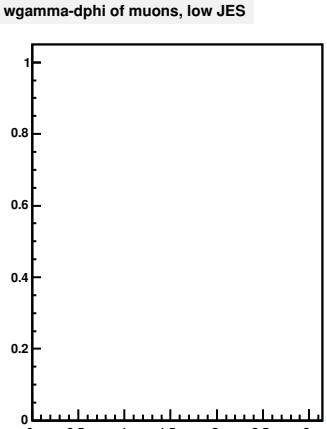
ZZ-dphi of muons, low JES



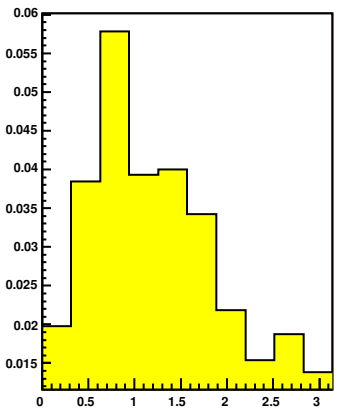
WW-dphi of muons, low JES



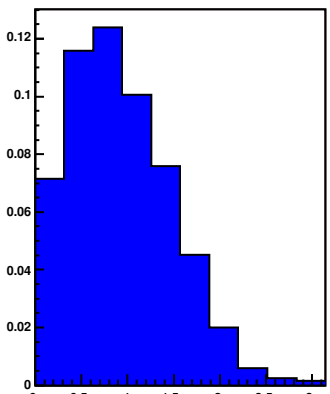
wgamma-dphi of muons, low JES



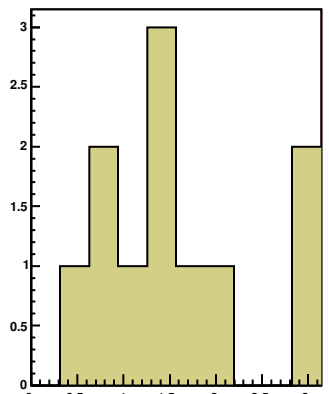
ttbar-dphi of muons, low JES



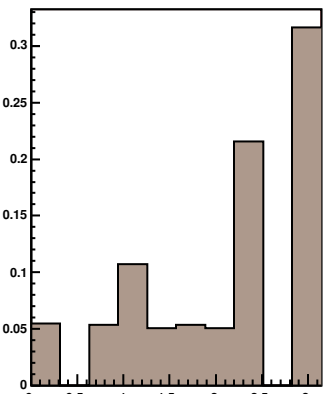
higgsww-dphi of muons, low JES



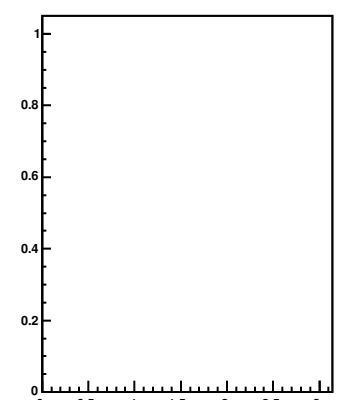
data-dphi of muons, low JES



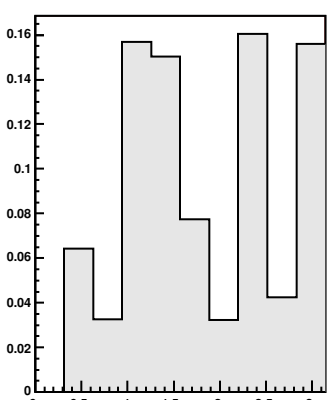
Zee-dphi of electrons, high LES



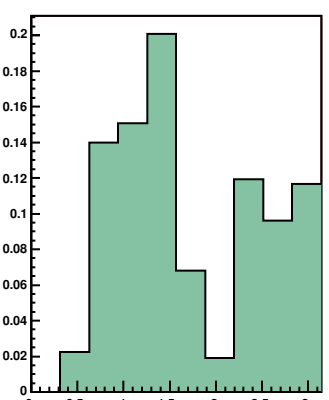
Zmumu-dphi of electrons, high LES



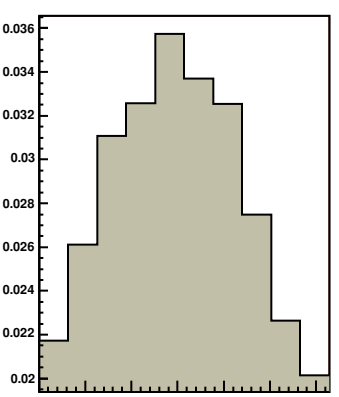
Ztautau-dphi of electrons, high LES



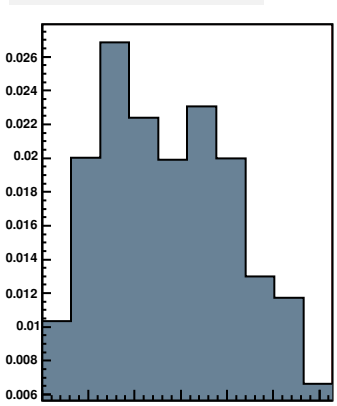
fake-dphi of electrons, high LES



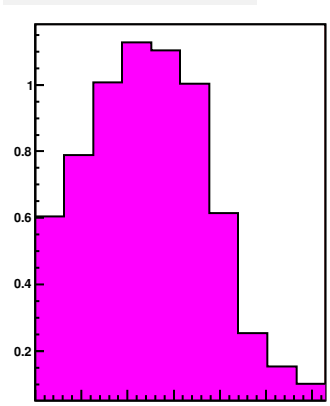
WZ-dphi of electrons, high LES



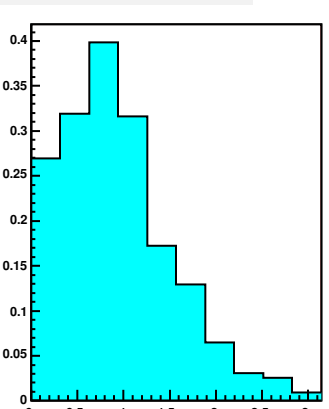
ZZ-dphi of electrons, high LES



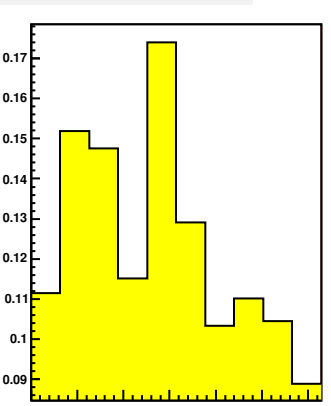
WW-dphi of electrons, high LES



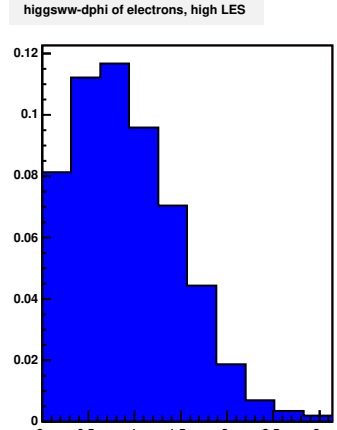
wgamma-dphi of electrons, high LES



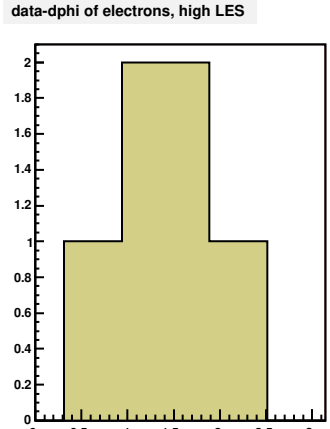
ttbar-dphi of electrons, high LES



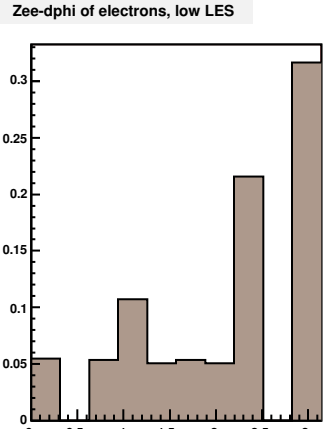
higgsww-dphi of electrons, high LES



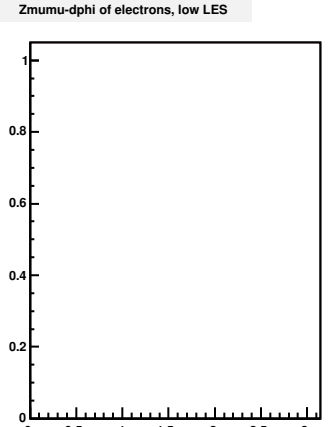
data-dphi of electrons, high LES



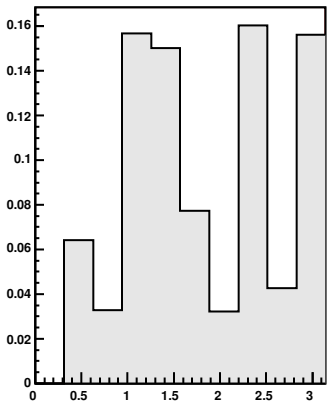
Zee-dphi of electrons, low LES



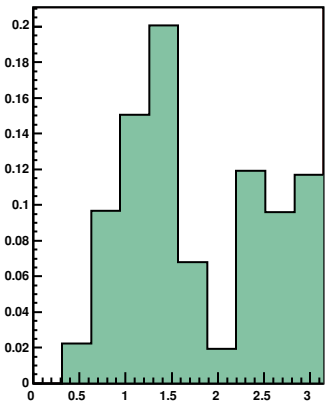
Zmumu-dphi of electrons, low LES



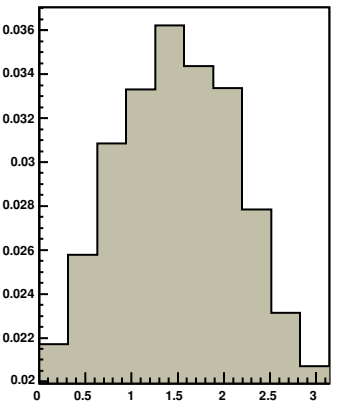
Ztautau-dphi of electrons, low LES



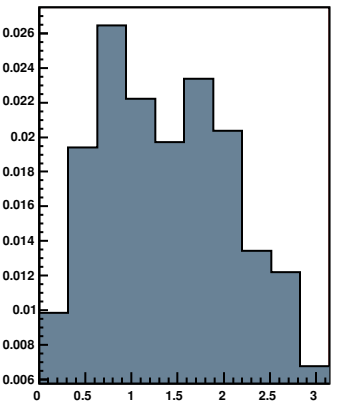
fake-dphi of electrons, low LES



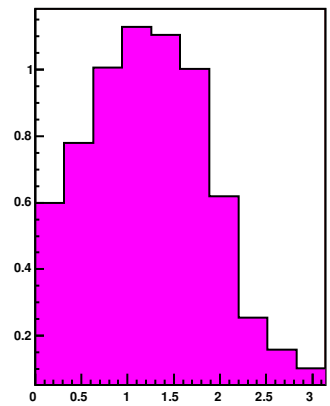
WZ-dphi of electrons, low LES



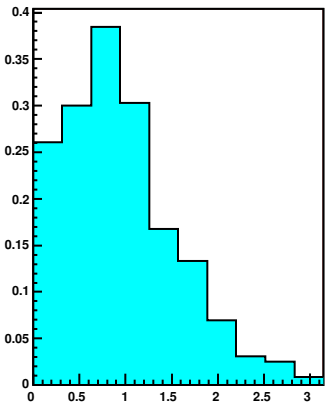
ZZ-dphi of electrons, low LES



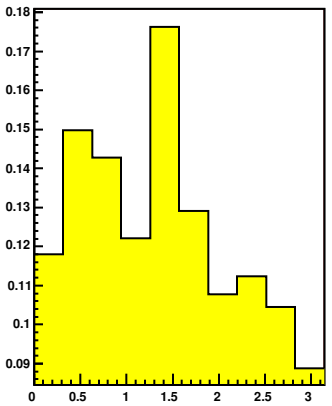
WW-dphi of electrons, low LES



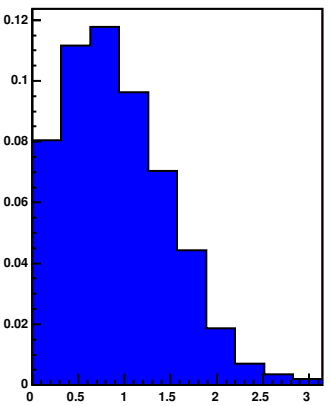
wgamma-dphi of electrons, low LES



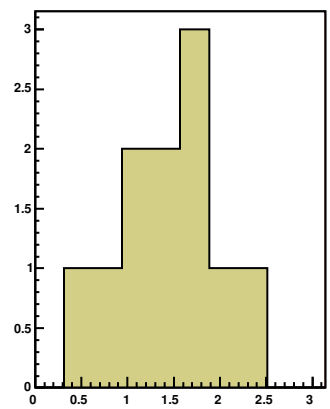
ttbar-dphi of electrons, low LES



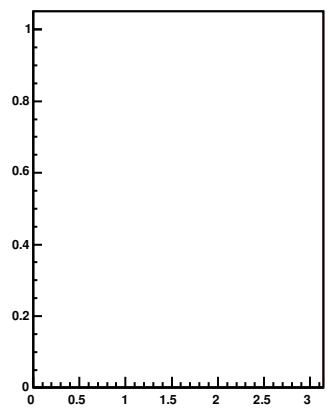
higgsww-dphi of electrons, low LES



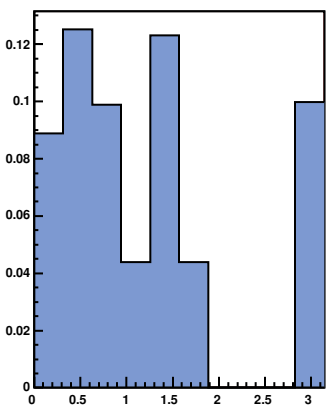
data-dphi of electrons, low LES



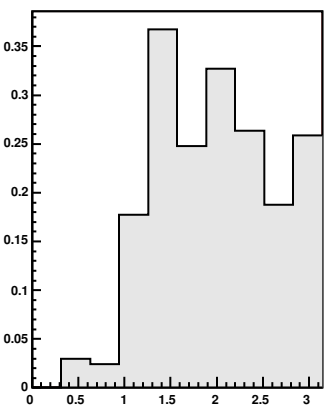
Zee-dphi of electron and muon, high LES



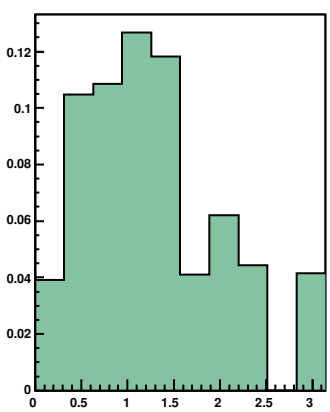
Zmumu-dphi of electron and muon, high LES



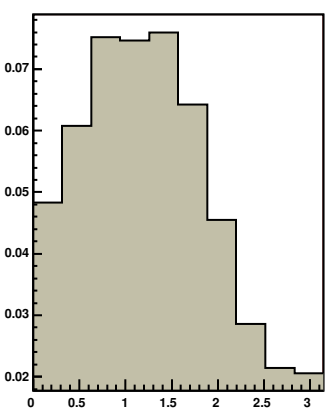
Ztautau-dphi of electron and muon, high LES



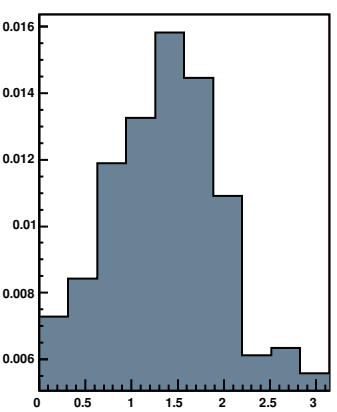
fake-dphi of electron and muon, high LES



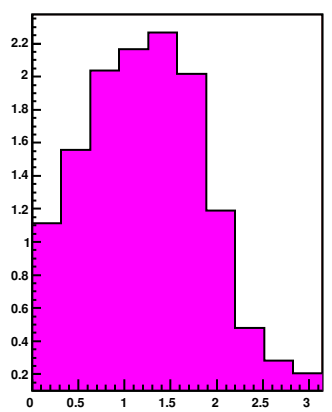
WZ-dphi of electron and muon, high LES



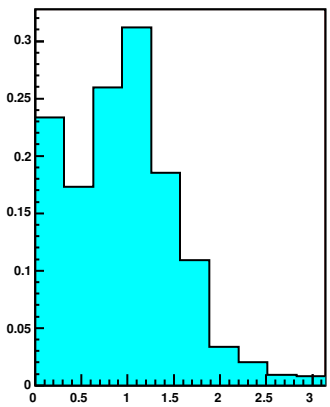
ZZ-dphi of electron and muon, high LES



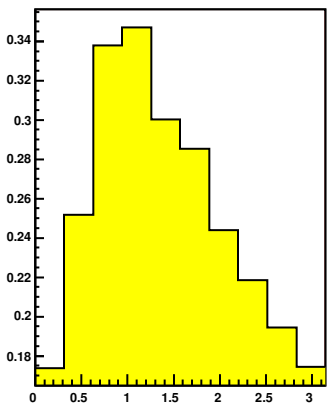
WW-dphi of electron and muon, high LES



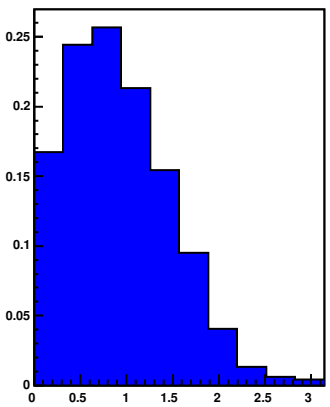
wgamma-dphi of electron and muon, high LES



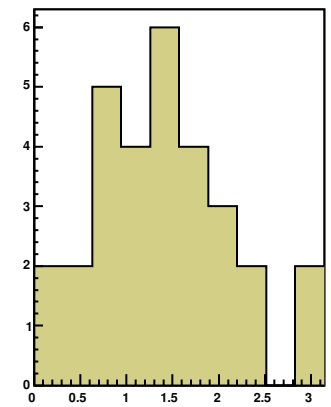
ttbar-dphi of electron and muon, high LES



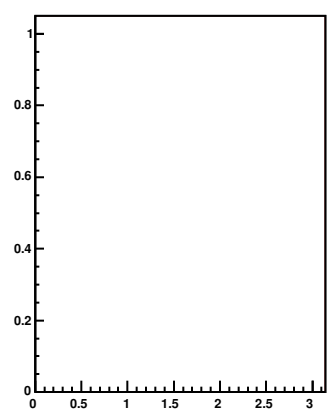
higgsww-dphi of electron and muon, high LES



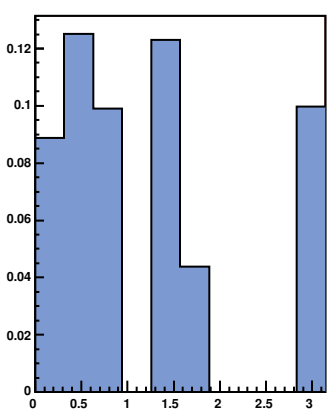
data-dphi of electron and muon, high LES



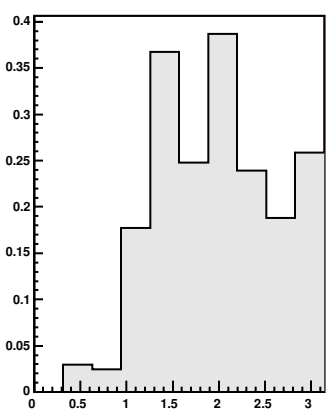
Zee-dphi of electron and muon, low LES



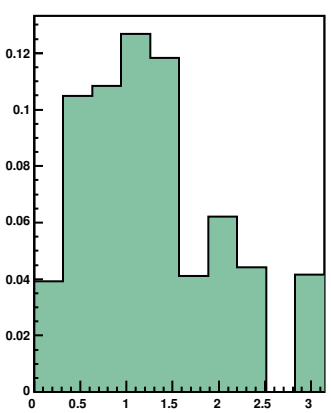
Zmumu-dphi of electron and muon, low LES



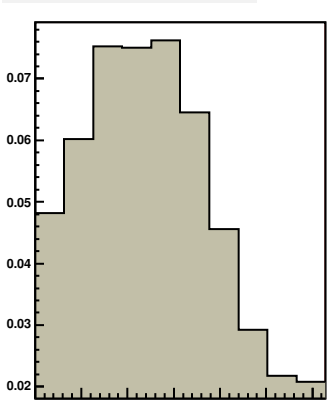
Ztautau-dphi of electron and muon, low LES



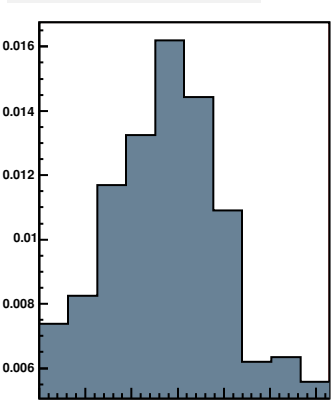
fake-dphi of electron and muon, low LES



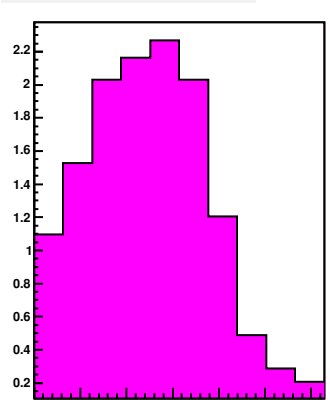
WZ-dphi of electron and muon, low LES



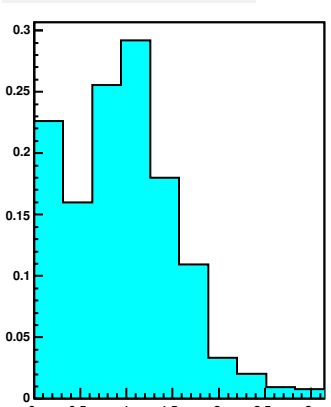
ZZ-dphi of electron and muon, low LES



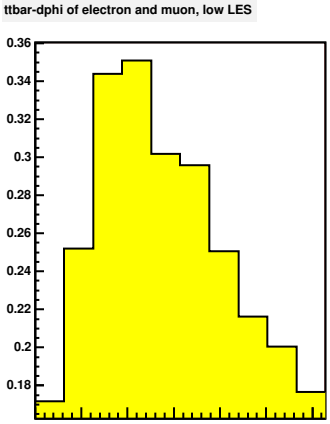
WW-dphi of electron and muon, low LES



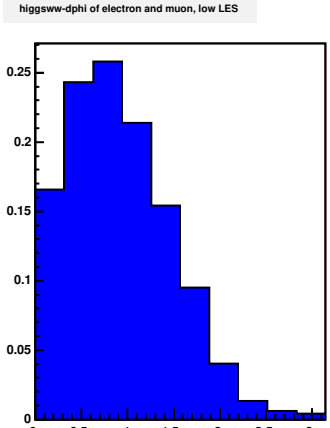
wgamma-dphi of electron and muon, low LES



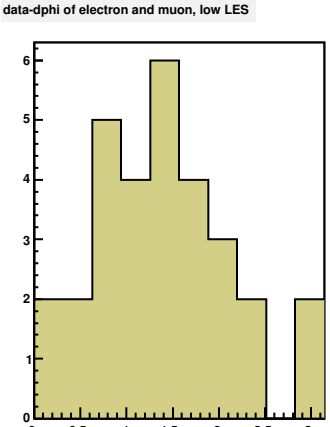
ttbar-dphi of electron and muon, low LES



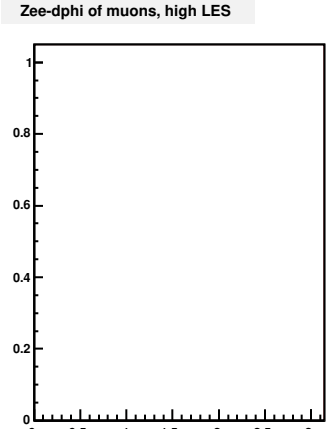
higgsww-dphi of electron and muon, low LES



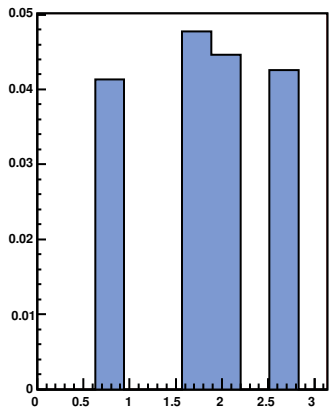
data-dphi of electron and muon, low LES



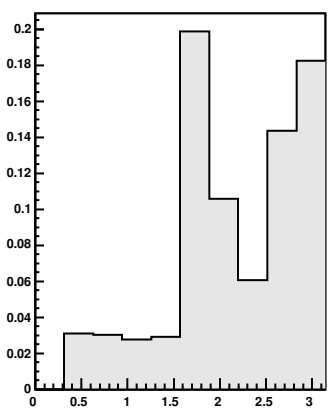
Zee-dphi of muons, high LES



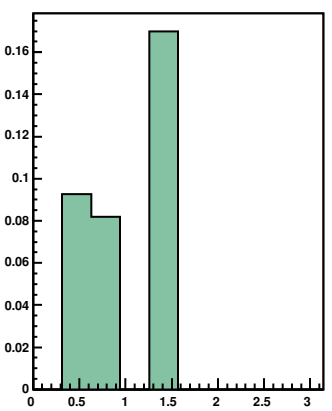
Zmumu-dphi of muons, high LES



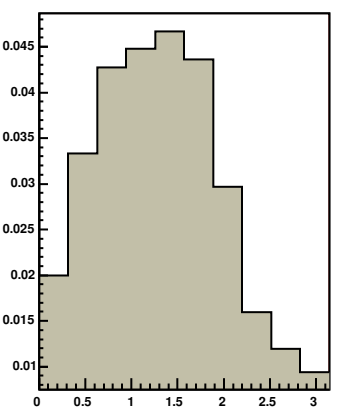
Ztautau-dphi of muons, high LES



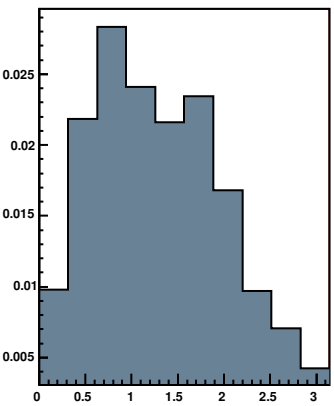
fake-dphi of muons, high LES



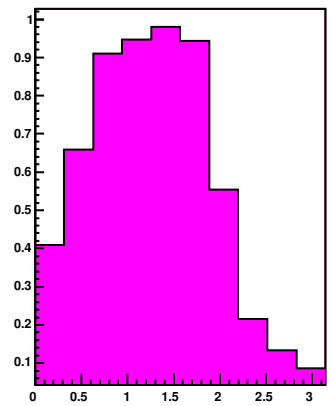
WZ-dphi of muons, high LES



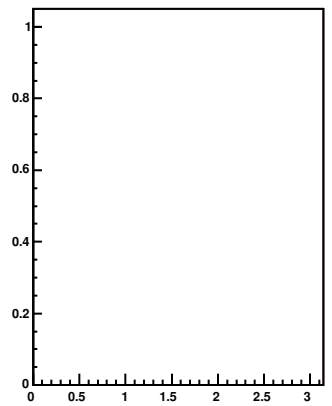
ZZ-dphi of muons, high LES



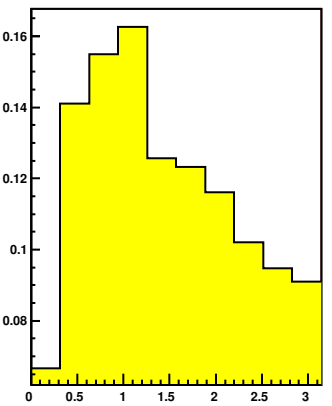
WW-dphi of muons, high LES



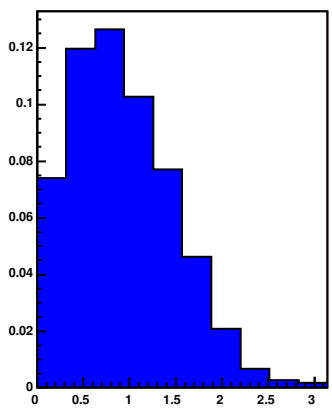
wgamma-dphi of muons, high LES



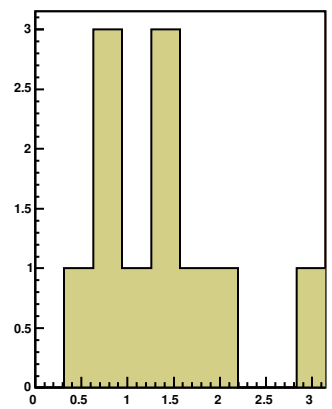
ttbar-dphi of muons, high LES



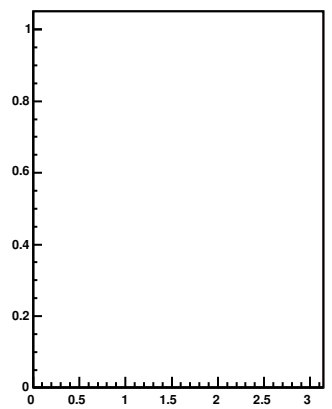
higgsww-dphi of muons, high LES



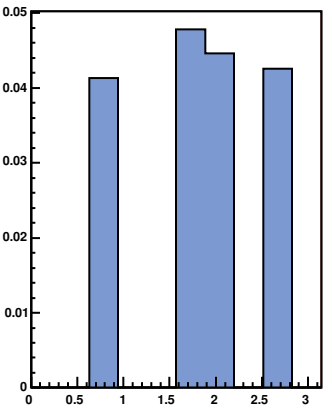
data-dphi of muons, high LES



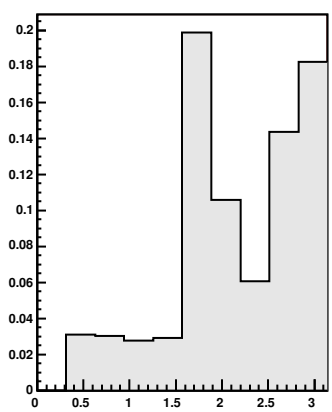
Zee-dphi of muons, low LES



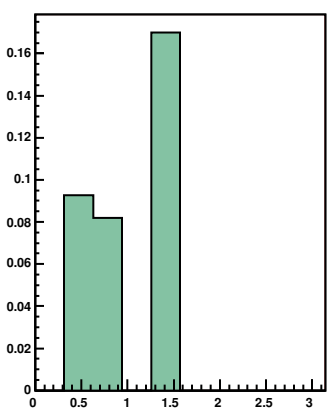
Zmumu-dphi of muons, low LES



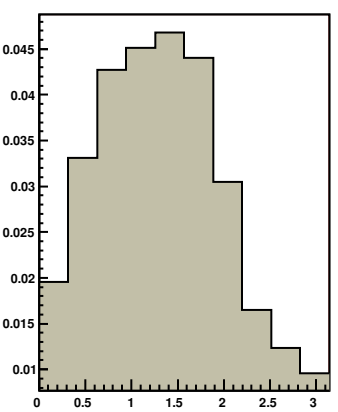
Ztautau-dphi of muons, low LES



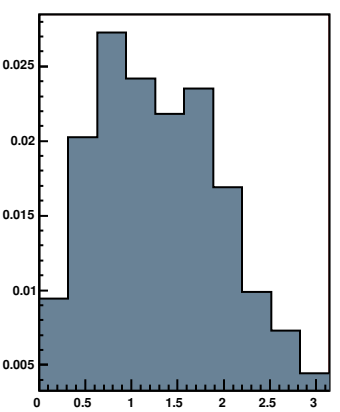
fake-dphi of muons, low LES



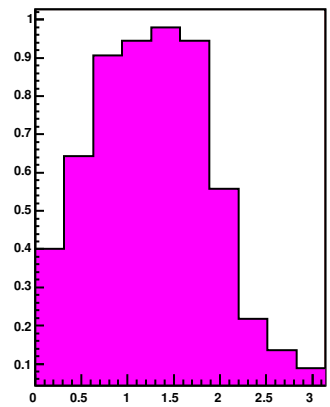
WZ-dphi of muons, low LES



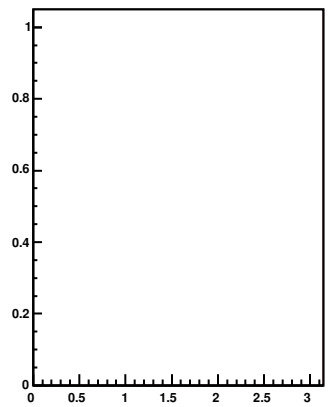
ZZ-dphi of muons, low LES



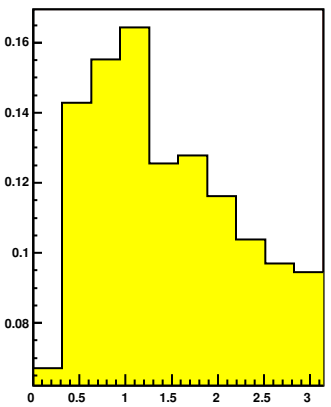
WW-dphi of muons, low LES



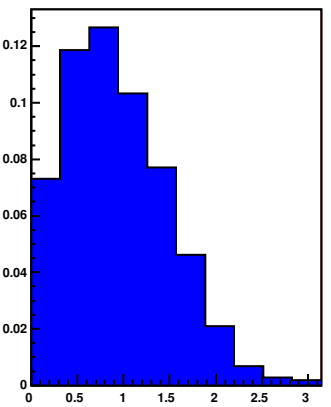
wgamma-dphi of muons, low LES



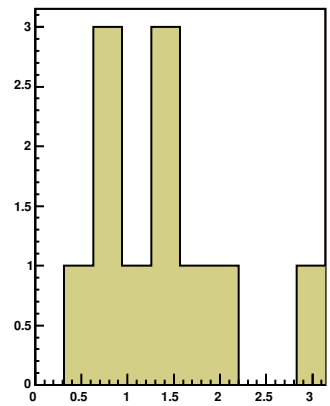
ttbar-dphi of muons, low LES



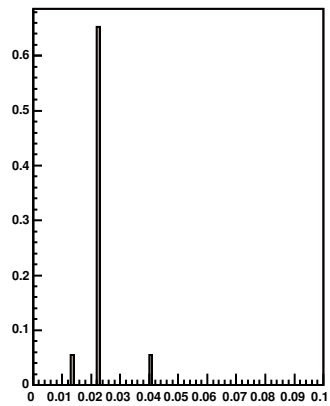
higgsww-dphi of muons, low LES



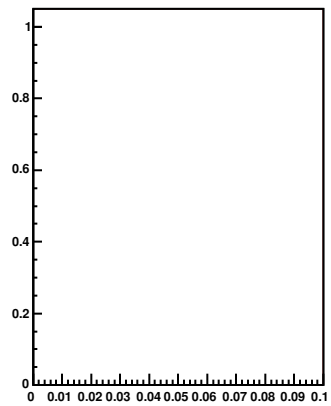
data-dphi of muons, low LES



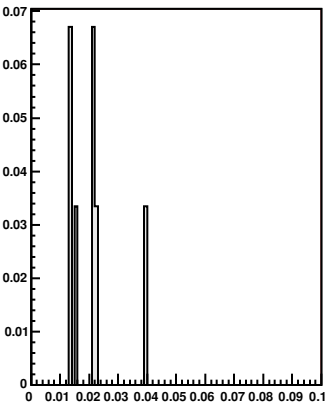
Zee-Relative Weights Error for electrons



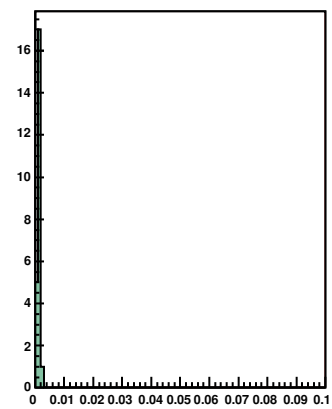
Zmumu-Relative Weights Error for electrons



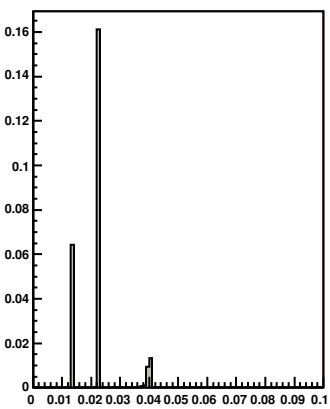
Ztautau-Relative Weights Error for electrons



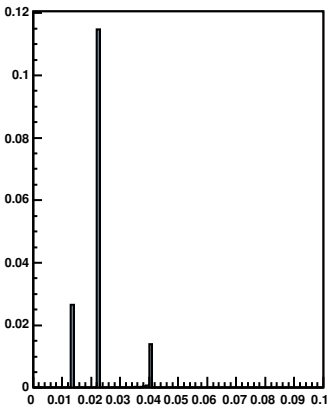
fake-Relative Weights Error for electrons



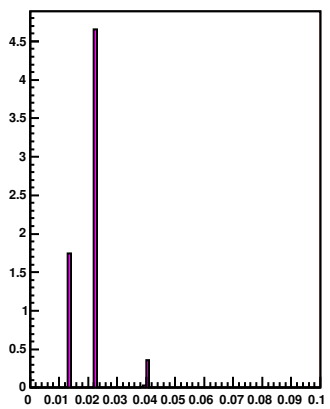
WZ-Relative Weights Error for electrons



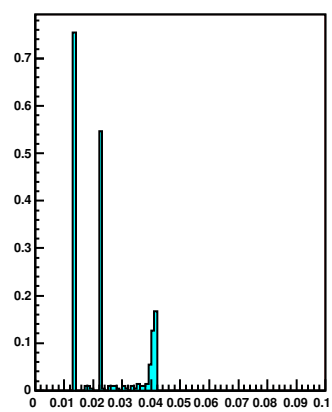
ZZ-Relative Weights Error for electrons



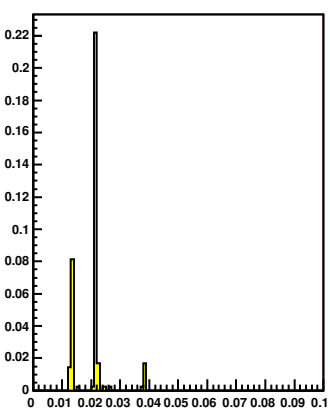
WW-Relative Weights Error for electrons



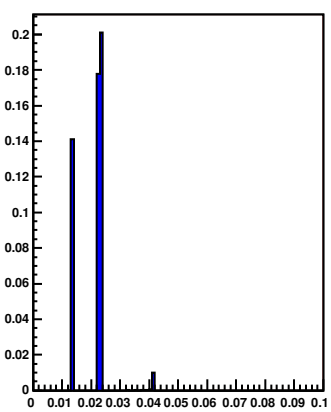
wgamma-Relative Weights Error for electrons



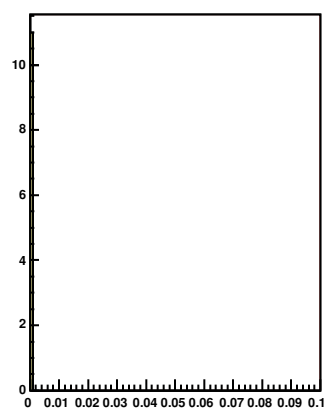
ttbar-Relative Weights Error for electrons



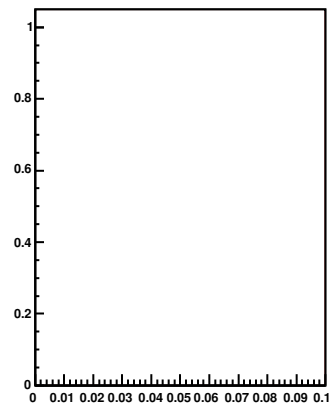
higgsww-Relative Weights Error for electrons



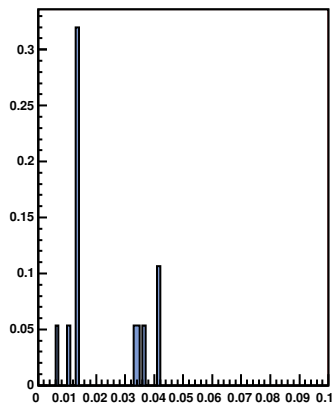
data-Relative Weights Error for electrons



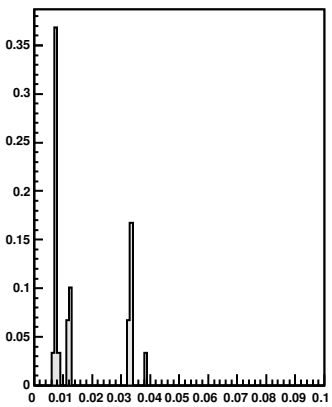
Zee-Relative Weights Error for electron and muon



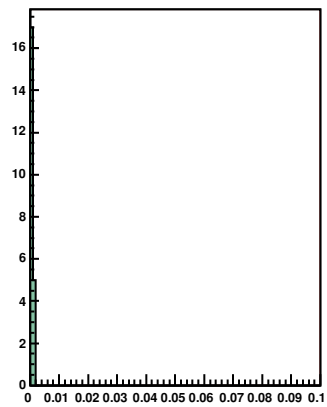
Zmumu-Relative Weights Error for electron and muon



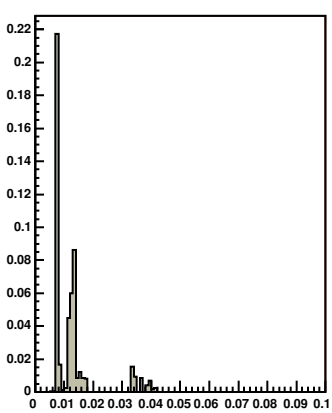
Ztautau-Relative Weights Error for electron and muon



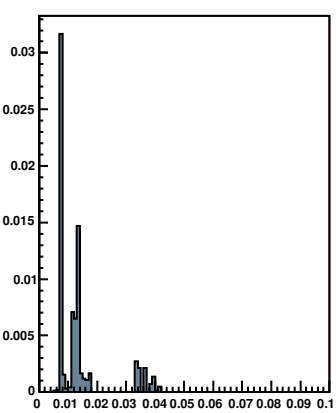
fake-Relative Weights Error for electron and muon



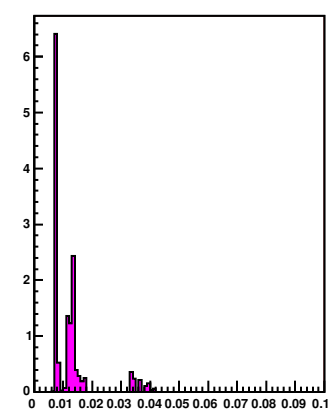
WZ-Relative Weights Error for electron and muon



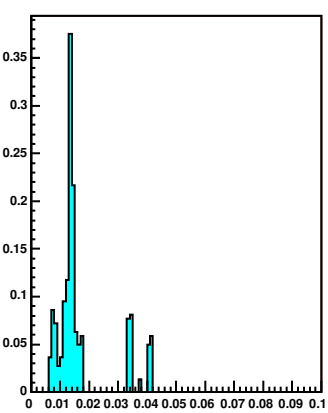
ZZ-Relative Weights Error for electron and muon



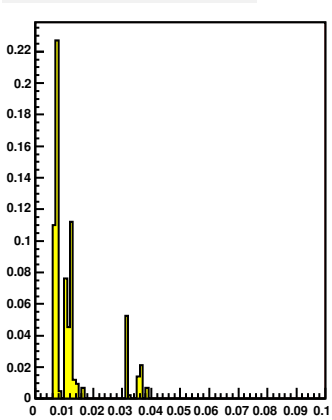
WW-Relative Weights Error for electron and muon



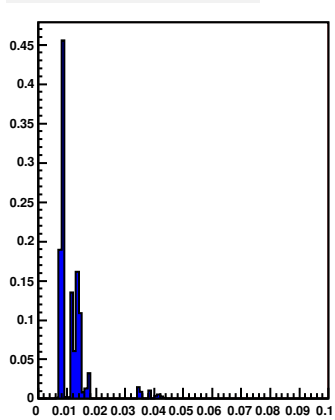
wgamma-Relative Weights Error for electron and muon



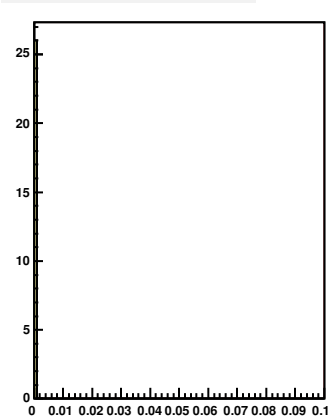
ttbar-Relative Weights Error for electron and muon



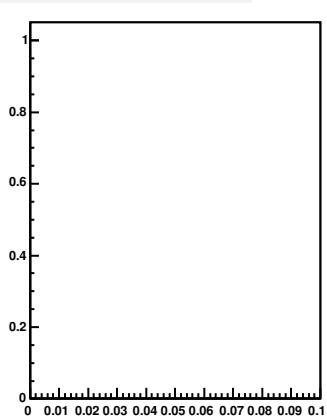
higgsww-Relative Weights Error for electron and muon



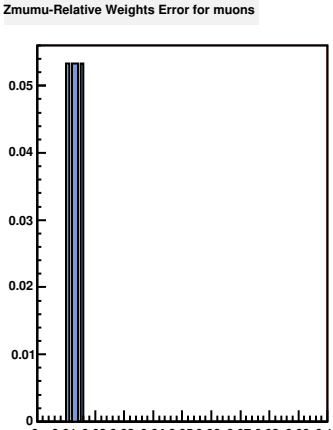
data-Relative Weights Error for electron and muon



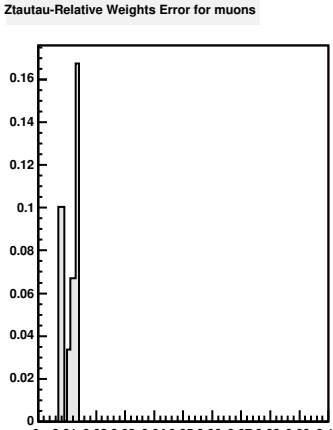
Zee-Relative Weights Error for muons



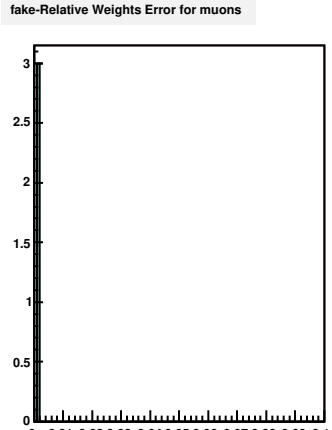
Zmumu-Relative Weights Error for muons



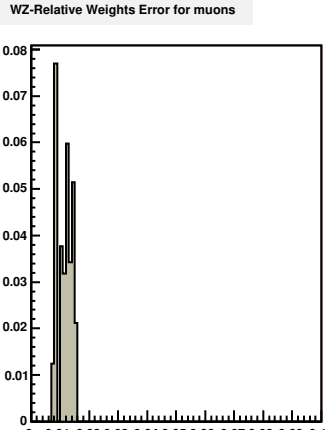
Ztautau-Relative Weights Error for muons



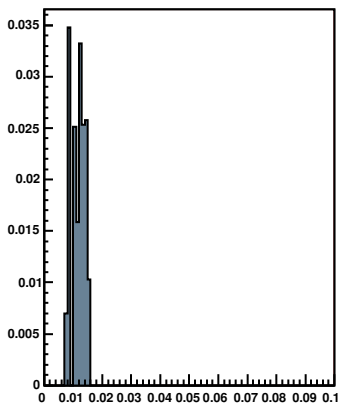
fake-Relative Weights Error for muons



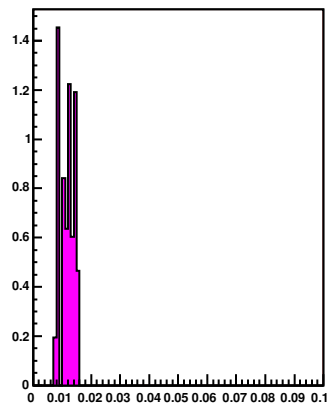
WZ-Relative Weights Error for muons



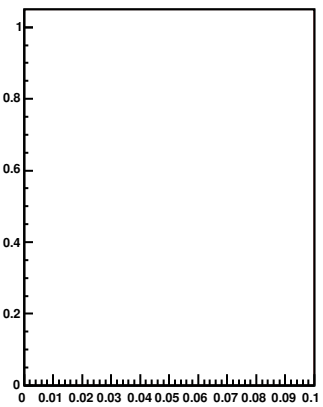
ZZ-Relative Weights Error for muons



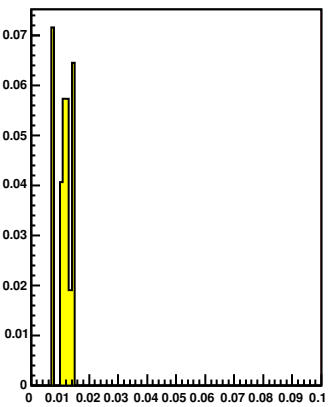
WW-Relative Weights Error for muons



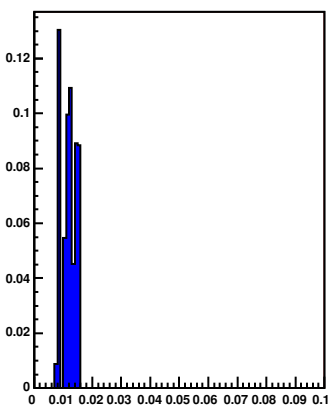
wgamma-Relative Weights Error for muons



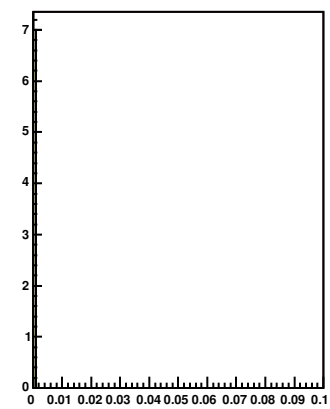
ttbar-Relative Weights Error for muons



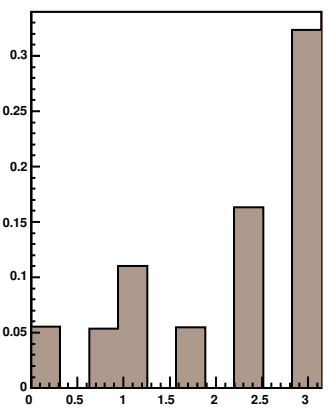
higgsww-Relative Weights Error for muons



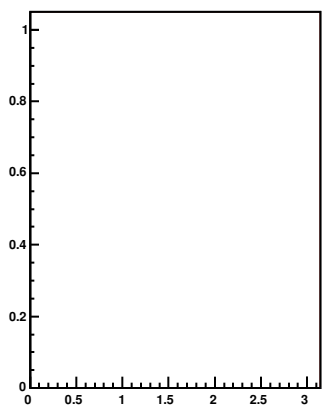
data-Relative Weights Error for muons



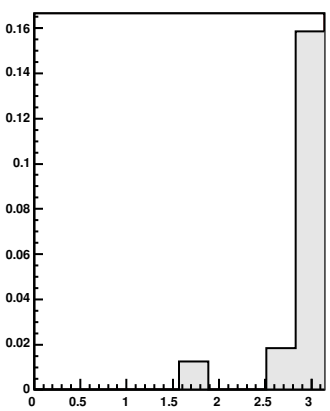
Zee-dphi of electrons, high ISR



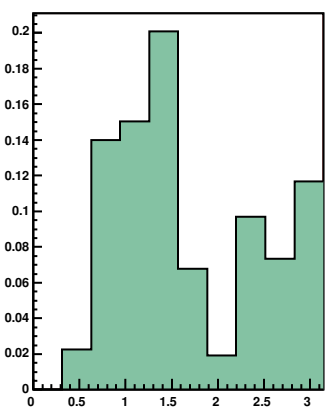
Zmumu-dphi of electrons, high ISR



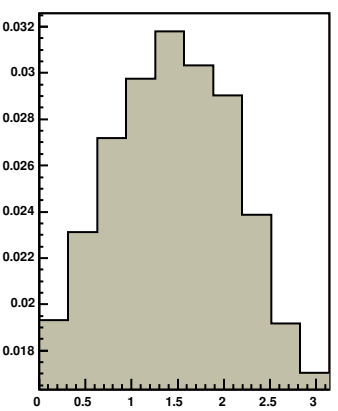
Ztautau-dphi of electrons, high ISR



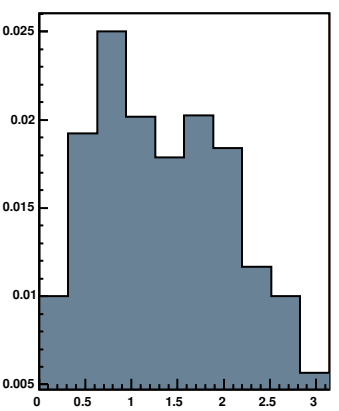
fake-dphi of electrons, high ISR



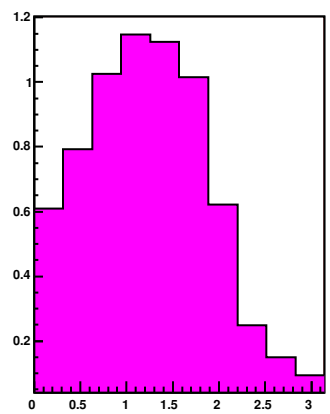
WZ-dphi of electrons, high ISR



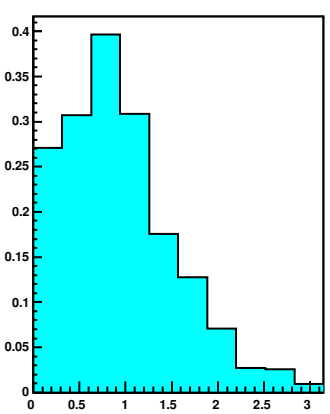
ZZ-dphi of electrons, high ISR



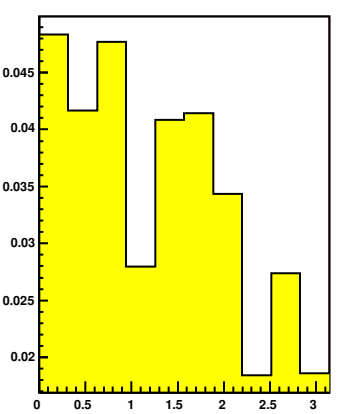
WW-dphi of electrons, high ISR



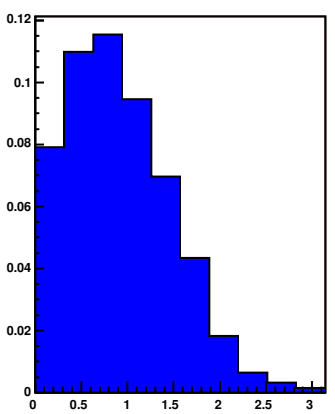
wgamma-dphi of electrons, high ISR



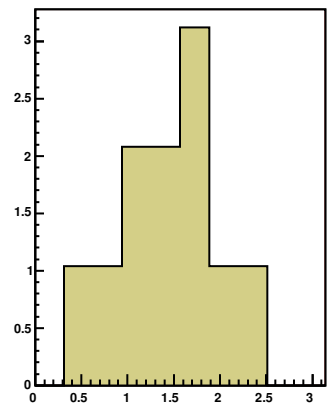
ttbar-dphi of electrons, high ISR



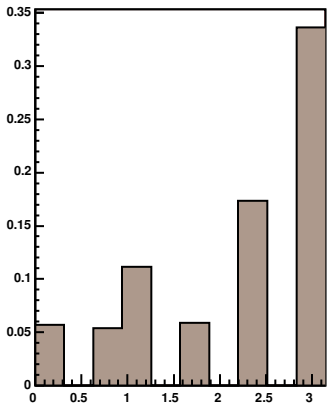
higgsww-dphi of electrons, high ISR



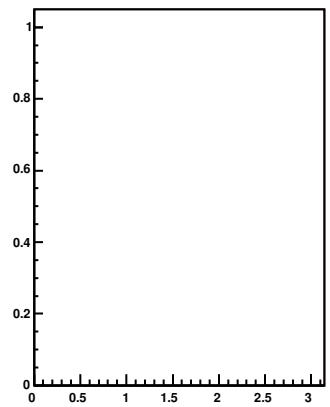
data-dphi of electrons, high ISR



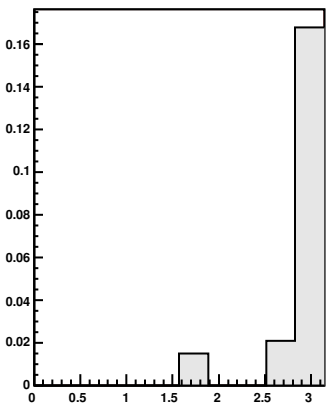
Zee-dphi of electrons, low ISR



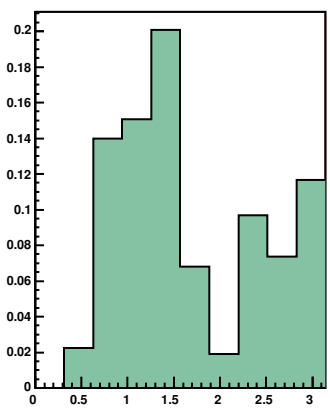
Zmumu-dphi of electrons, low ISR



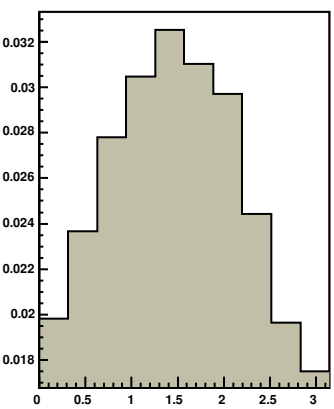
Ztautau-dphi of electrons, low ISR



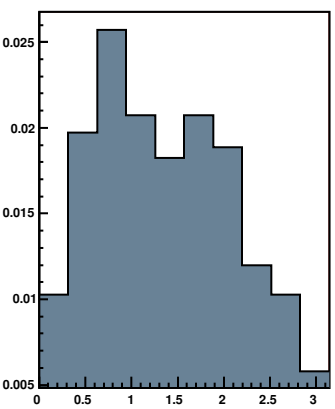
fake-dphi of electrons, low ISR



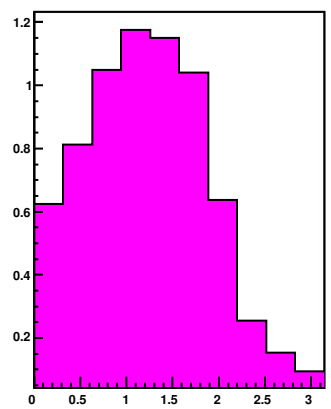
WZ-dphi of electrons, low ISR



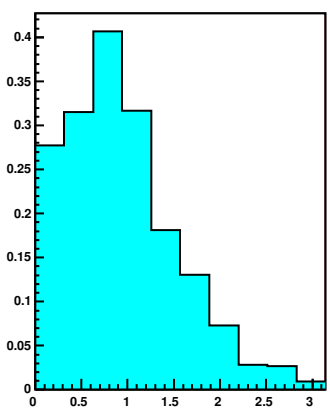
ZZ-dphi of electrons, low ISR



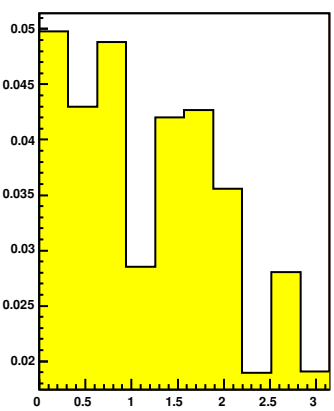
WW-dphi of electrons, low ISR



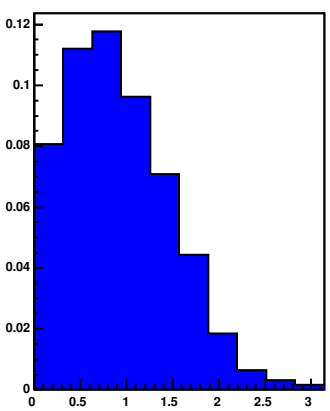
wgamma-dphi of electrons, low ISR



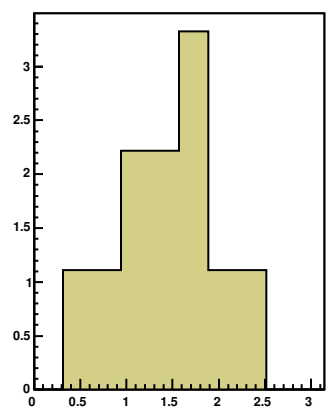
ttbar-dphi of electrons, low ISR



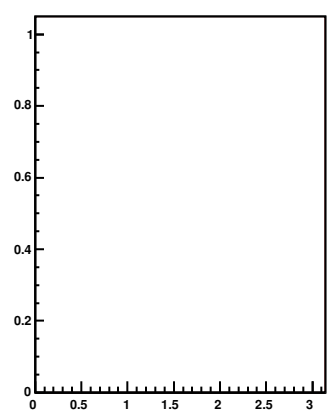
higgsww-dphi of electrons, low ISR



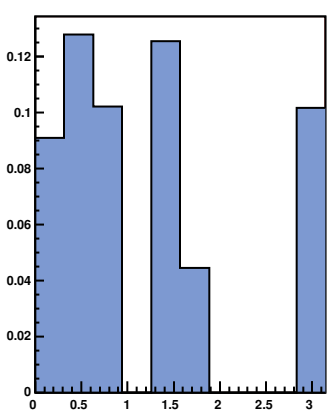
data-dphi of electrons, low ISR



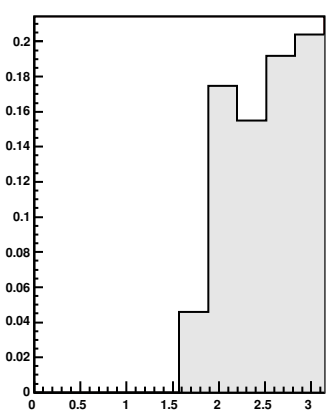
Zee-dphi of electron and muon, high ISR



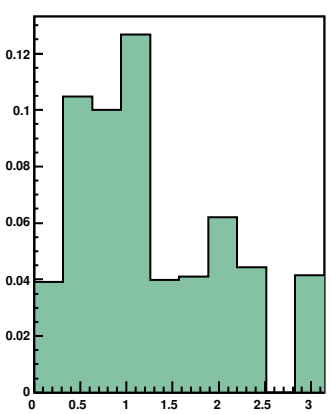
Zmumu-dphi of electron and muon, high ISR



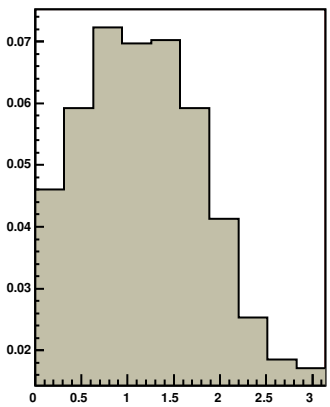
Ztautau-dphi of electron and muon, high ISR



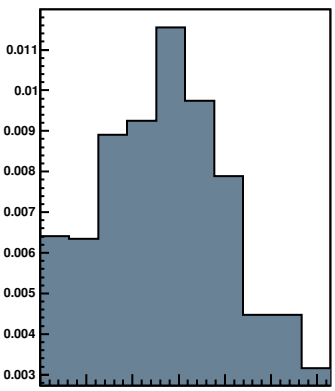
fake-dphi of electron and muon, high ISR



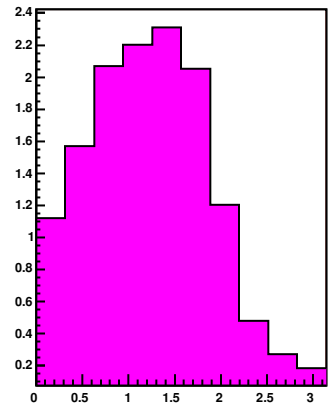
WZ-dphi of electron and muon, high ISR



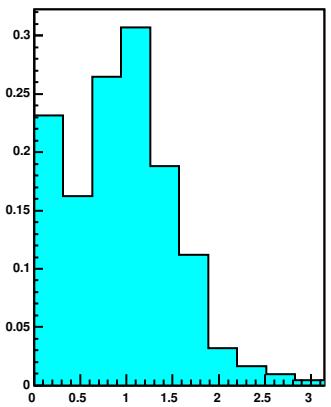
ZZ-dphi of electron and muon, high ISR



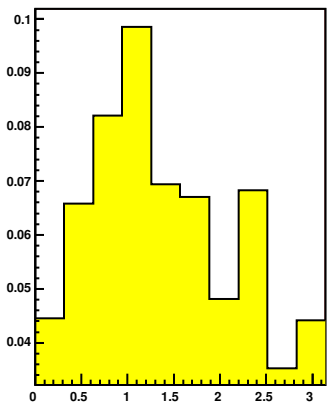
WW-dphi of electron and muon, high ISR



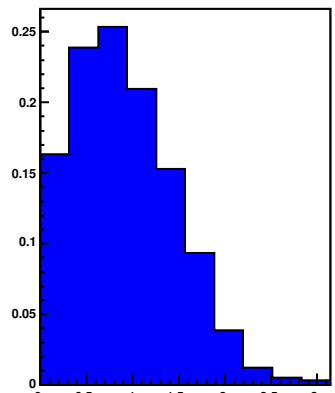
wgamma-dphi of electron and muon, high ISR



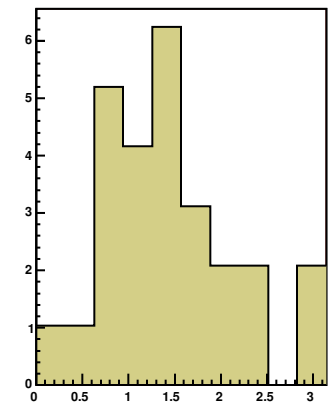
ttbar-dphi of electron and muon, high ISR



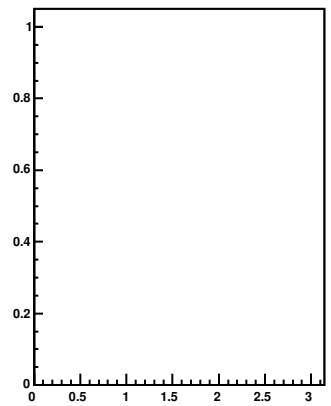
higgsww-dphi of electron and muon, high ISR



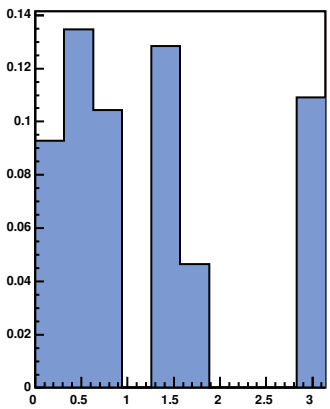
data-dphi of electron and muon, high ISR



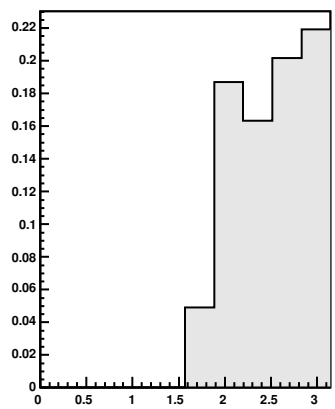
Zee-dphi of electron and muon, low ISR



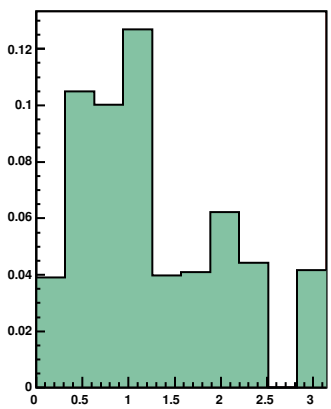
Zmumu-dphi of electron and muon, low ISR



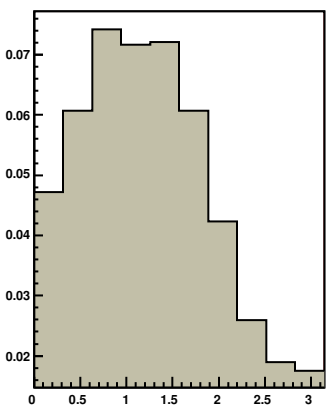
Ztautau-dphi of electron and muon, low ISR



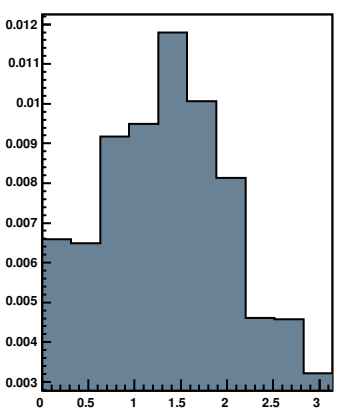
fake-dphi of electron and muon, low ISR



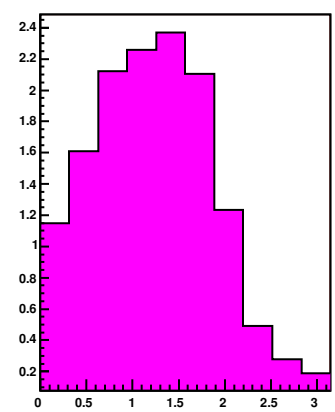
WZ-dphi of electron and muon, low ISR



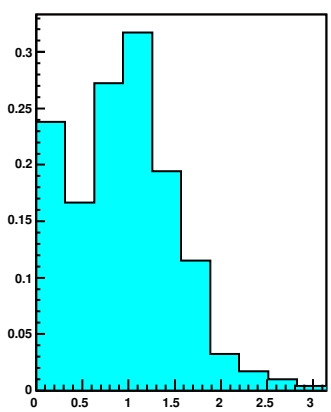
ZZ-dphi of electron and muon, low ISR



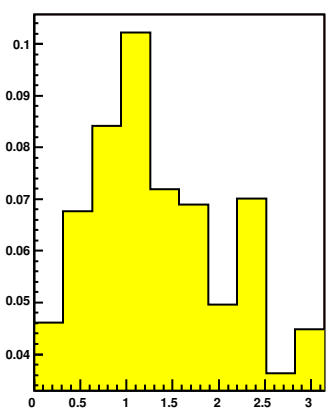
WW-dphi of electron and muon, low ISR



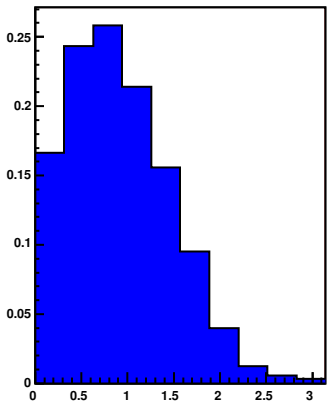
wgamma-dphi of electron and muon, low ISR



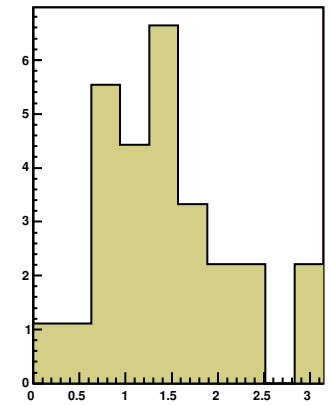
ttbar-dphi of electron and muon, low ISR



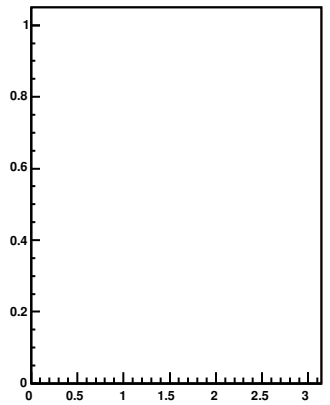
higgsww-dphi of electron and muon, low ISR



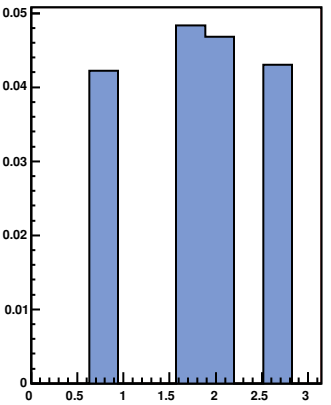
data-dphi of electron and muon, low ISR



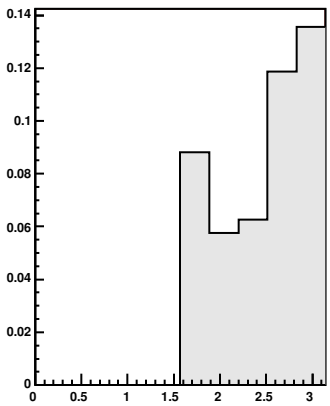
Zee-dphi of muons, high ISR



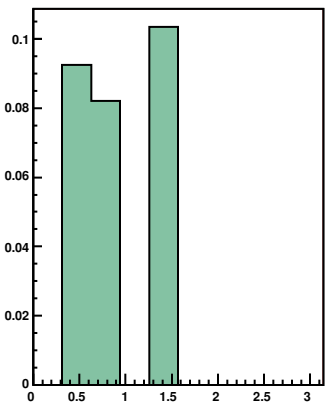
Zmumu-dphi of muons, high ISR



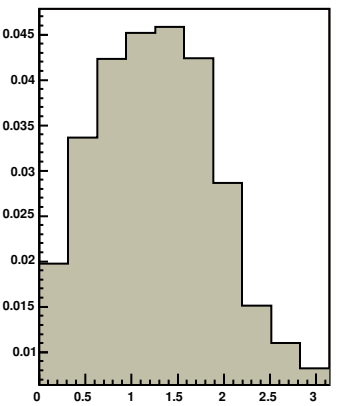
Ztautau-dphi of muons, high ISR



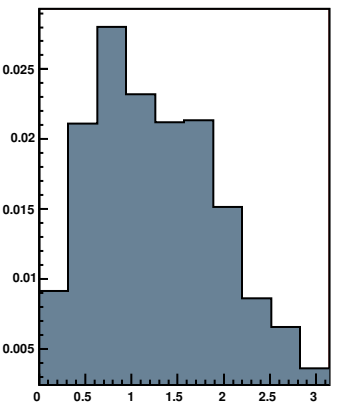
fake-dphi of muons, high ISR



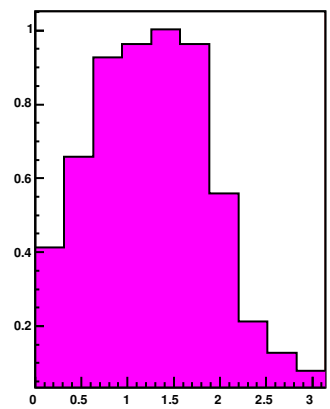
WZ-dphi of muons, high ISR



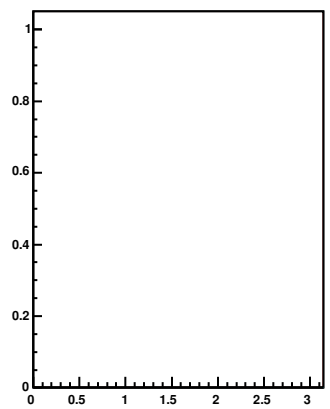
ZZ-dphi of muons, high ISR



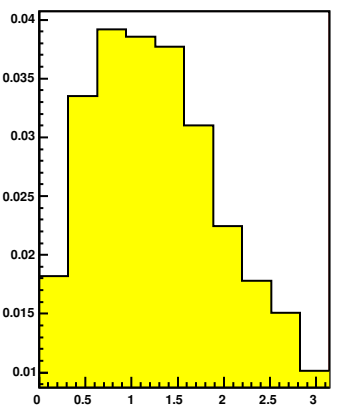
WW-dphi of muons, high ISR



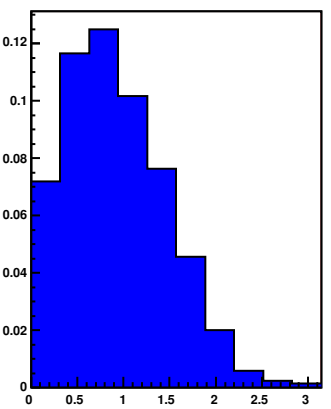
wgamma-dphi of muons, high ISR



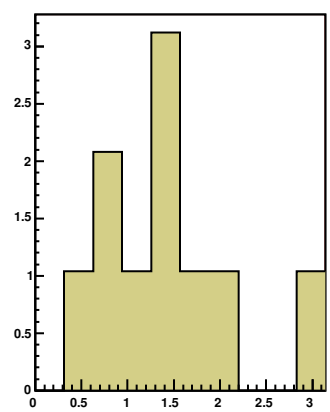
ttbar-dphi of muons, high ISR



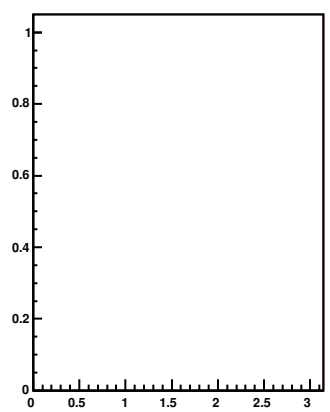
higgsww-dphi of muons, high ISR



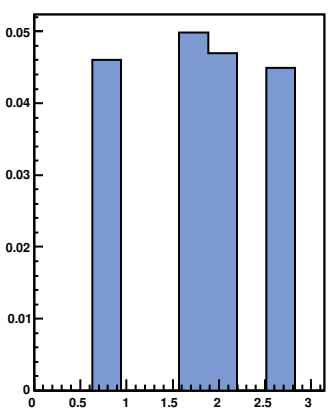
data-dphi of muons, high ISR



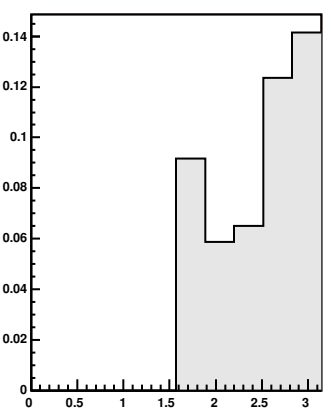
Zee-dphi of muons, low ISR



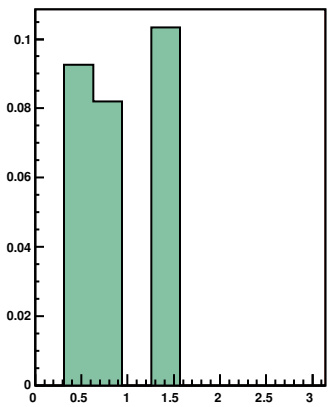
Zmumu-dphi of muons, low ISR



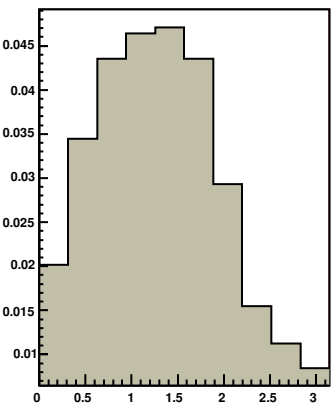
Ztautau-dphi of muons, low ISR



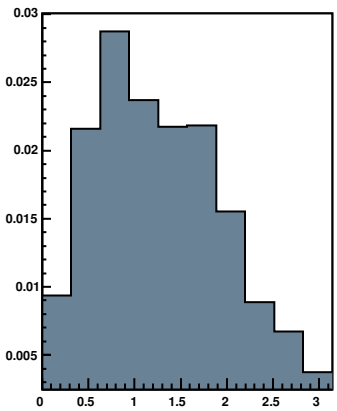
fake-dphi of muons, low ISR



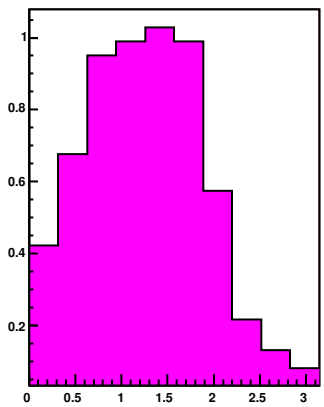
WZ-dphi of muons, low ISR



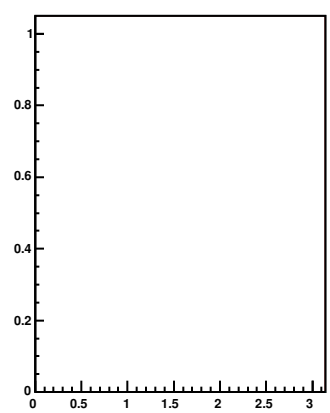
ZZ-dphi of muons, low ISR



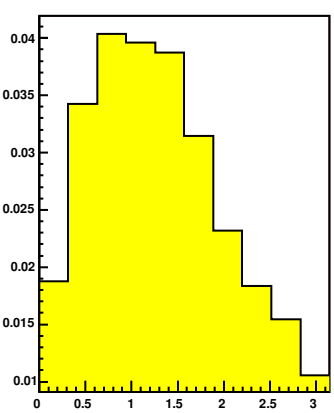
WW-dphi of muons, low ISR



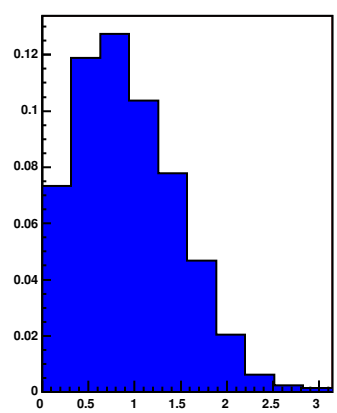
wgamma-dphi of muons, low ISR



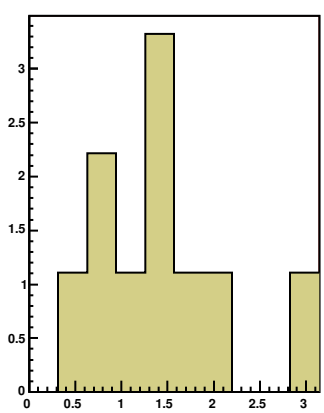
ttbar-dphi of muons, low ISR



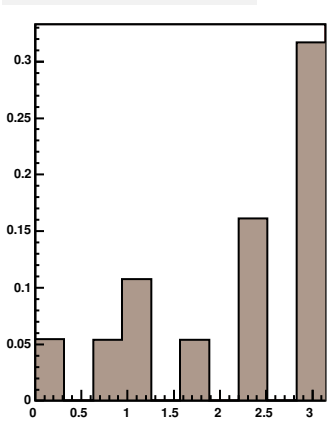
higgsww-dphi of muons, low ISR



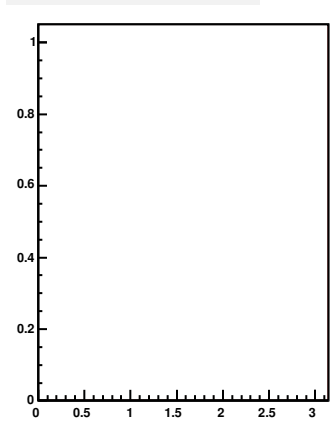
data-dphi of muons, low ISR



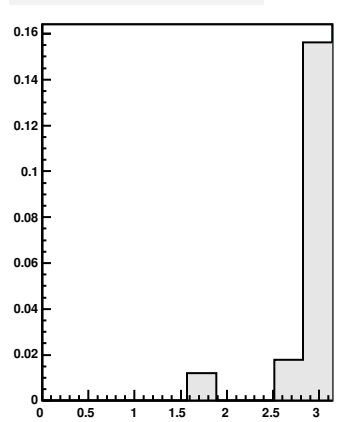
Zee-dphi of electrons, high Fake



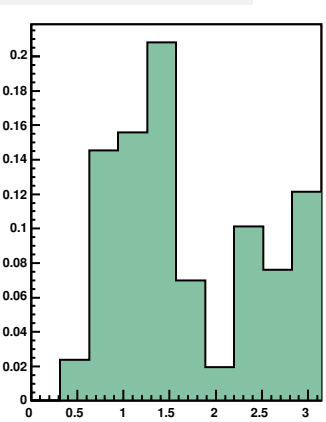
Zmumu-dphi of electrons, high Fake



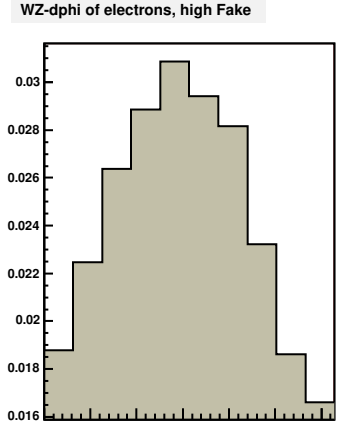
Ztautau-dphi of electrons, high Fake



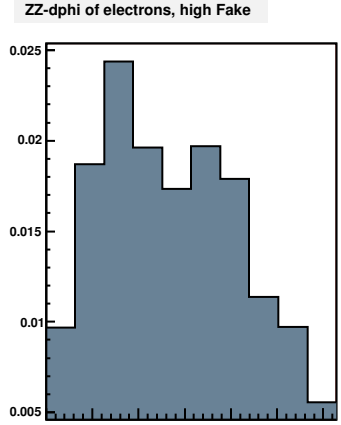
fake-dphi of electrons, high Fake



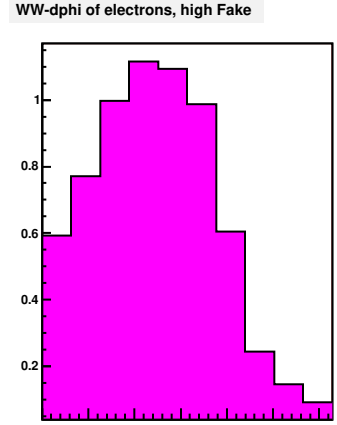
WZ-dphi of electrons, high Fake



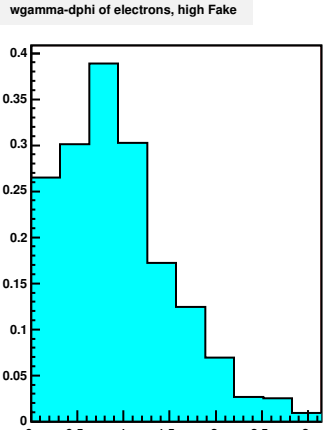
ZZ-dphi of electrons, high Fake



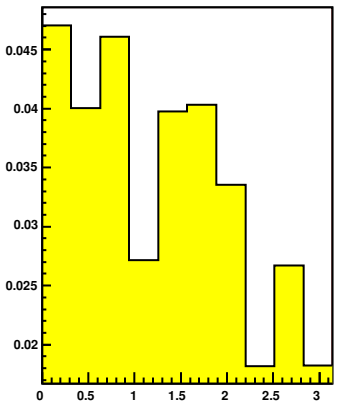
WW-dphi of electrons, high Fake



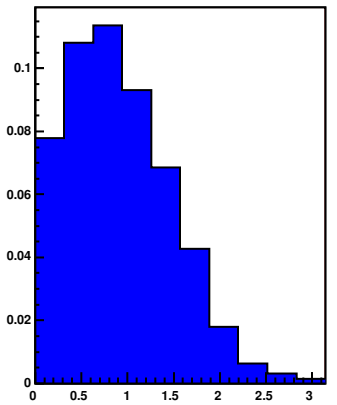
wgamma-dphi of electrons, high Fake



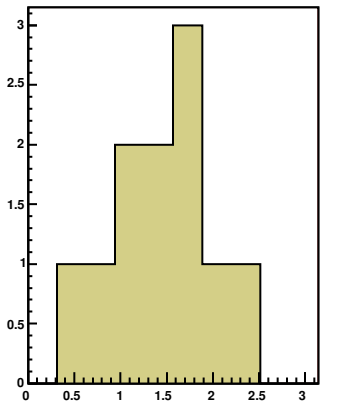
ttbar-dphi of electrons, high Fake



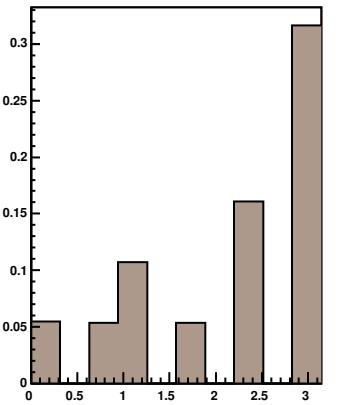
higgsww-dphi of electrons, high Fake



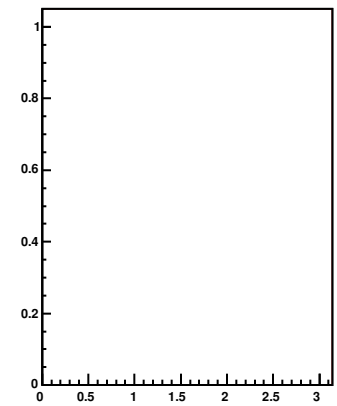
data-dphi of electrons, high Fake



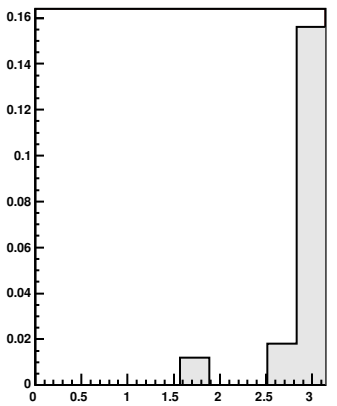
Zee-dphi of electrons, low Fake



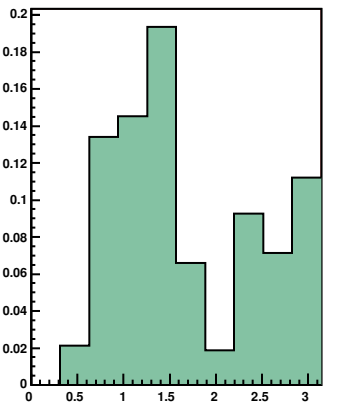
Zmumu-dphi of electrons, low Fake



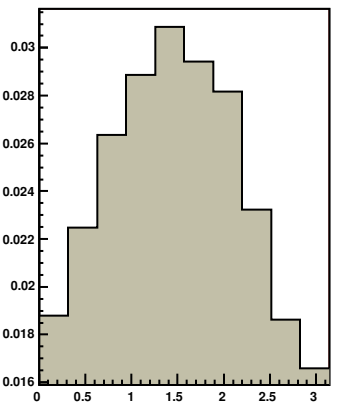
Ztautau-dphi of electrons, low Fake



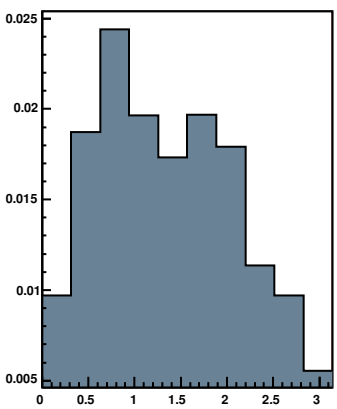
fake-dphi of electrons, low Fake



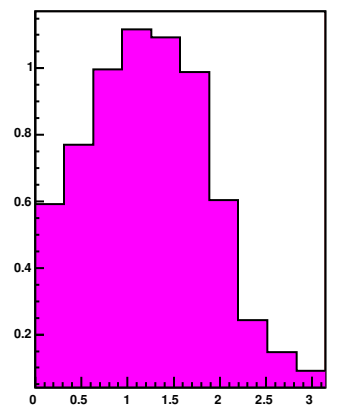
WZ-dphi of electrons, low Fake



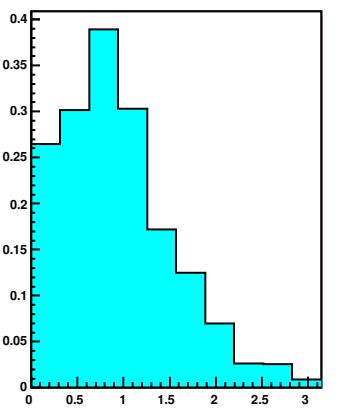
ZZ-dphi of electrons, low Fake



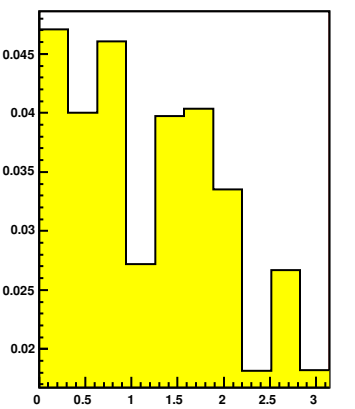
WW-dphi of electrons, low Fake



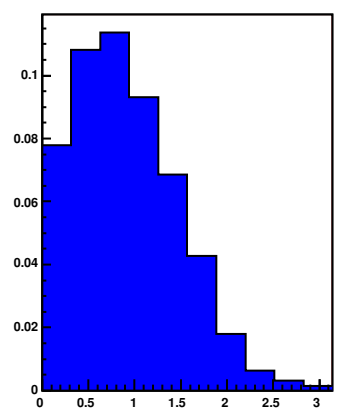
wgamma-dphi of electrons, low Fake



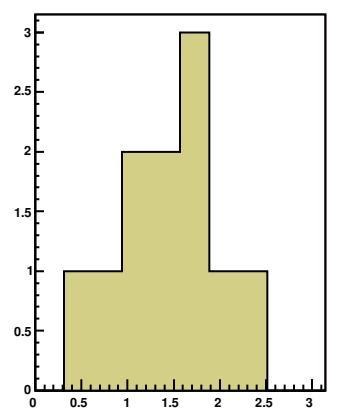
ttbar-dphi of electrons, low Fake



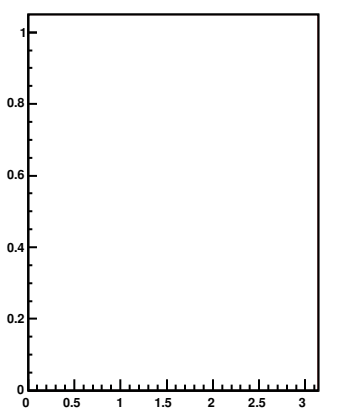
higgsww-dphi of electrons, low Fake



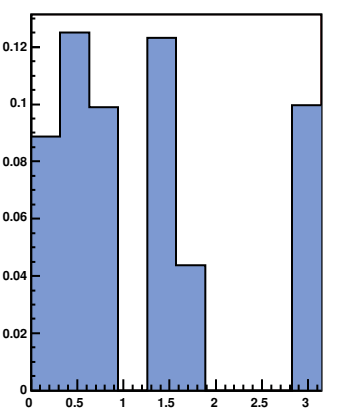
data-dphi of electrons, low Fake



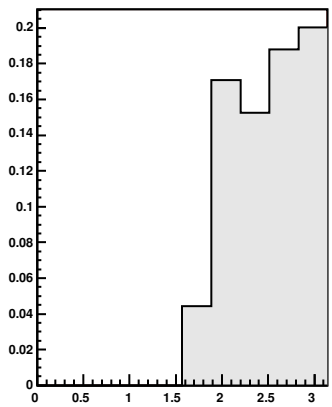
Zee-dphi of electron and muon, high Fake



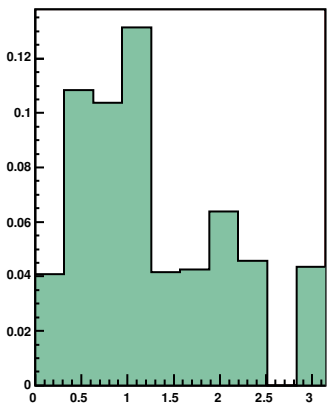
Zmumu-dphi of electron and muon, high Fake



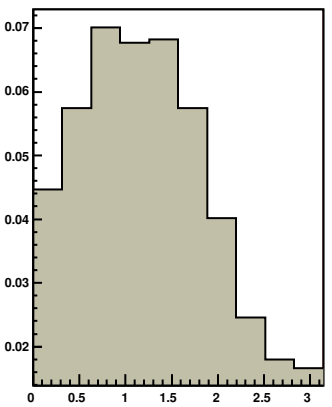
Ztautau-dphi of electron and muon, high Fake



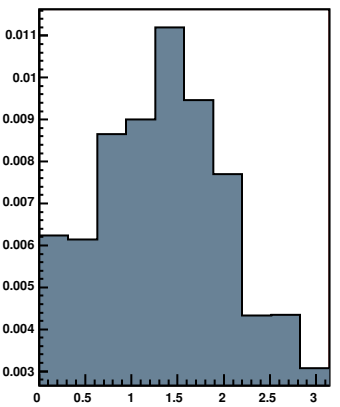
fake-dphi of electron and muon, high Fake



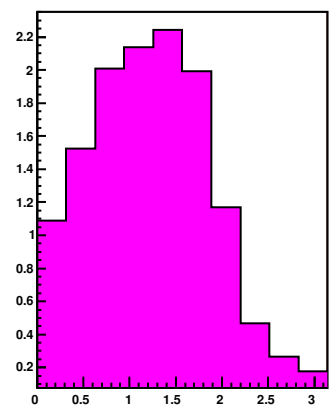
WZ-dphi of electron and muon, high Fake



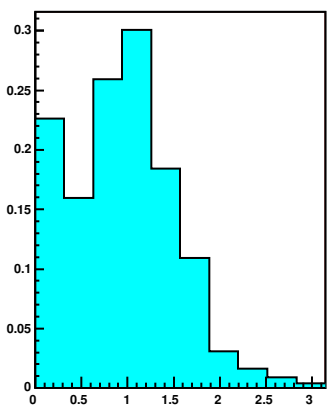
ZZ-dphi of electron and muon, high Fake



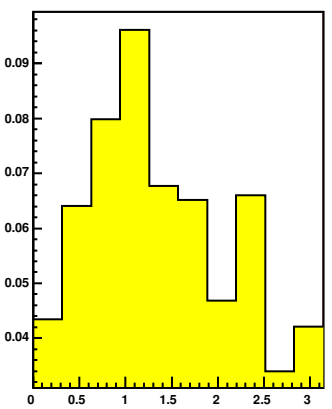
WW-dphi of electron and muon, high Fake



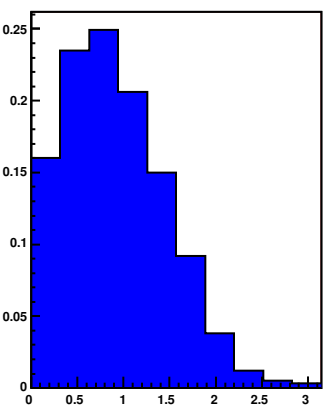
wgamma-dphi of electron and muon, high Fake



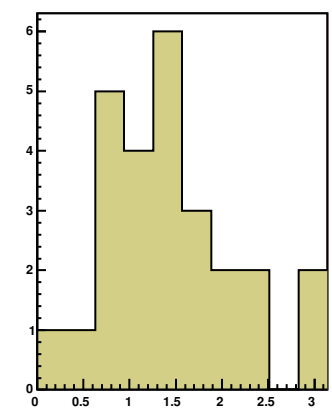
ttbar-dphi of electron and muon, high Fake



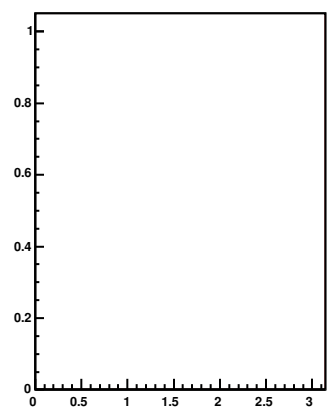
higgsww-dphi of electron and muon, high Fake



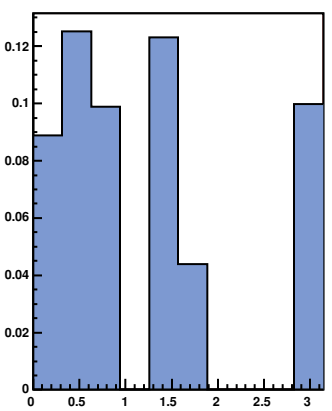
data-dphi of electron and muon, high Fake



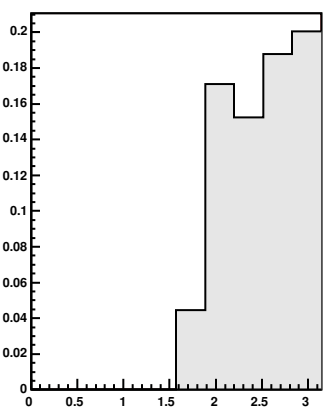
Zee-dphi of electron and muon, low Fake



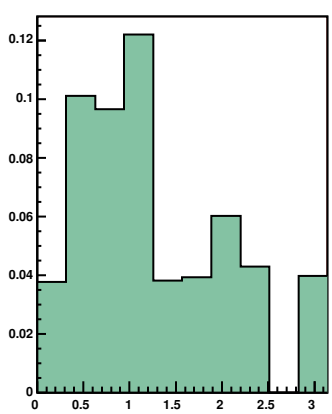
Zmumu-dphi of electron and muon, low Fake



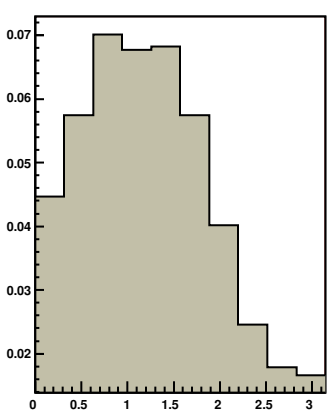
Ztautau-dphi of electron and muon, low Fake



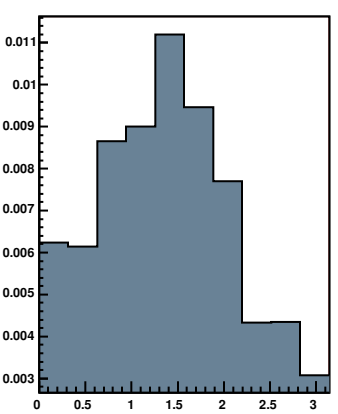
fake-dphi of electron and muon, low Fake



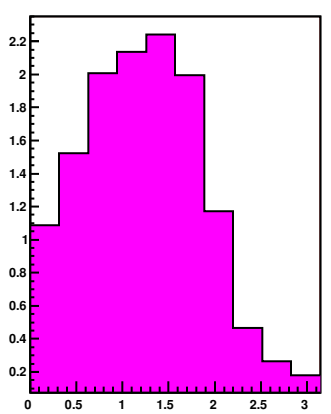
WZ-dphi of electron and muon, low Fake



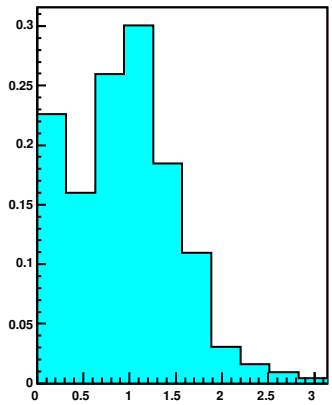
ZZ-dphi of electron and muon, low Fake



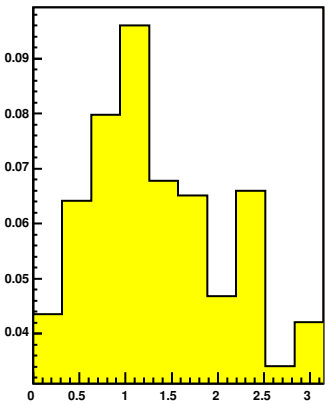
WW-dphi of electron and muon, low Fake



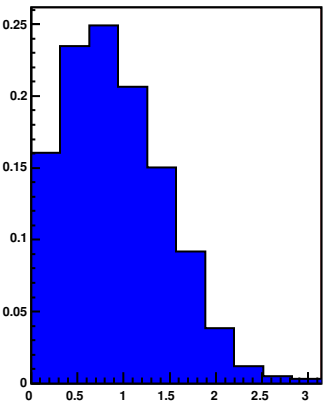
wgamma-dphi of electron and muon, low Fake



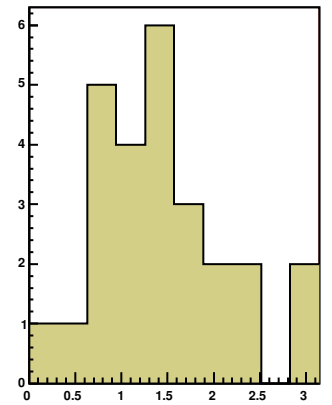
ttbar-dphi of electron and muon, low Fake



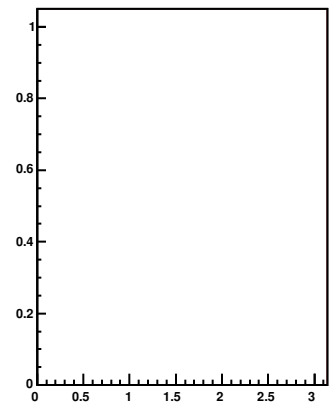
higgsww-dphi of electron and muon, low Fake



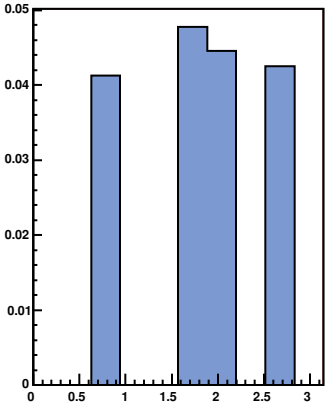
data-dphi of electron and muon, low Fake



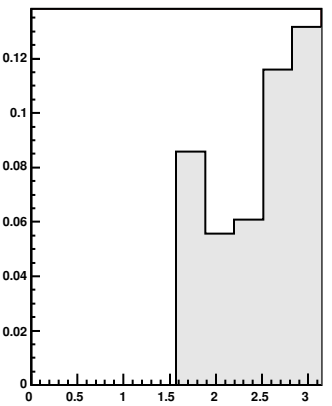
Zee-dphi of muons, high Fake



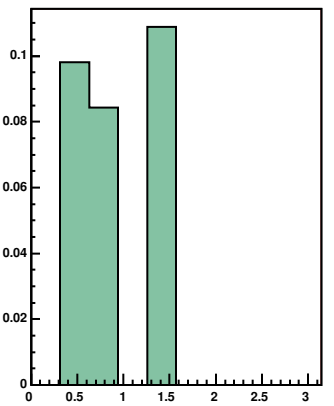
Zmumu-dphi of muons, high Fake



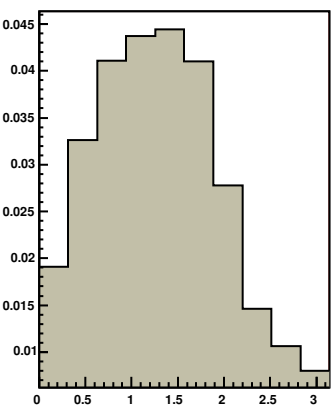
Ztautau-dphi of muons, high Fake



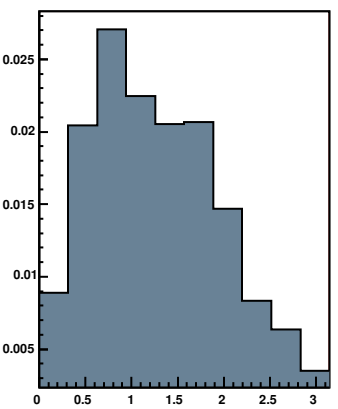
fake-dphi of muons, high Fake



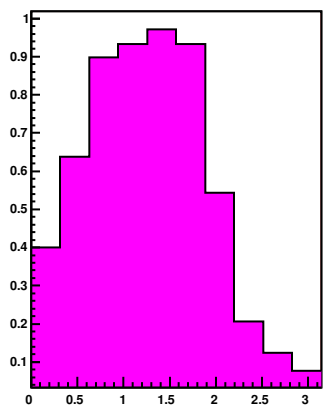
WZ-dphi of muons, high Fake



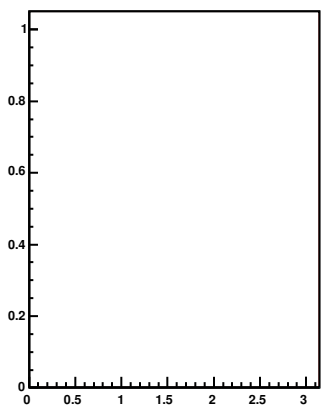
ZZ-dphi of muons, high Fake



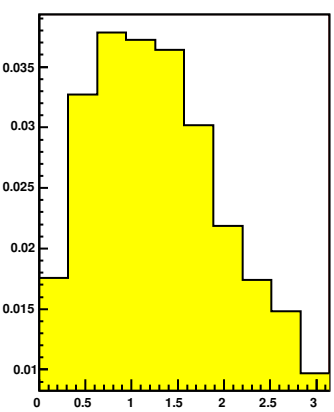
WW-dphi of muons, high Fake



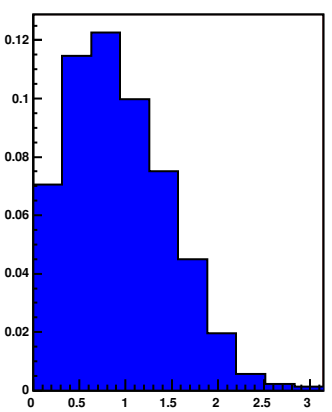
wgamma-dphi of muons, high Fake



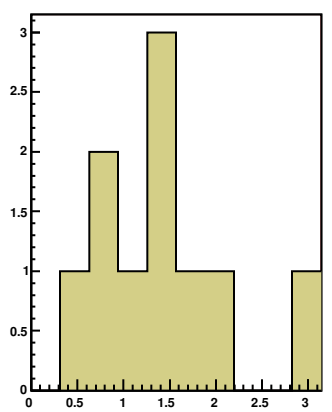
ttbar-dphi of muons, high Fake



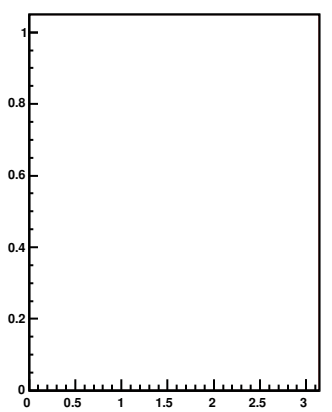
higgsww-dphi of muons, high Fake



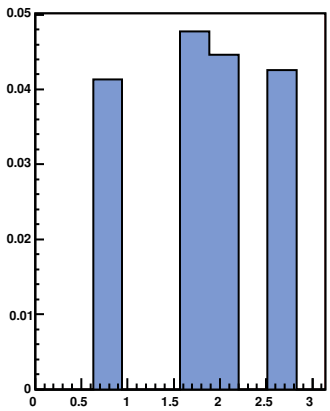
data-dphi of muons, high Fake



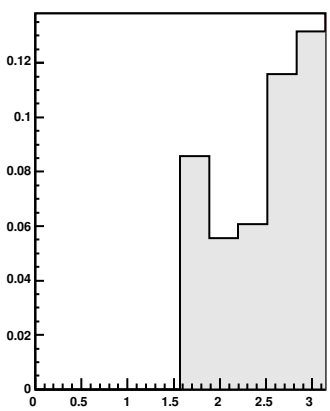
Zee-dphi of muons, low Fake



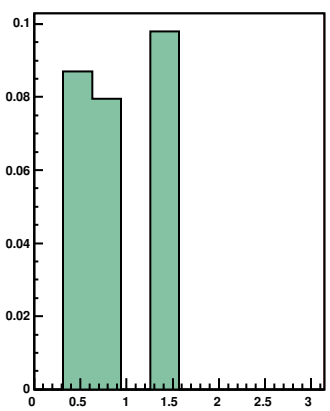
Zmumu-dphi of muons, low Fake



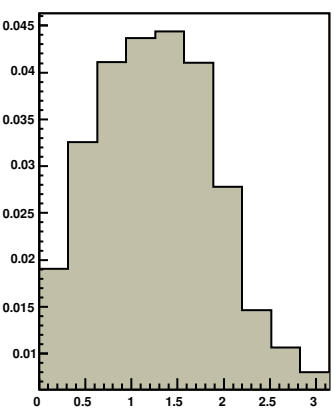
Ztautau-dphi of muons, low Fake



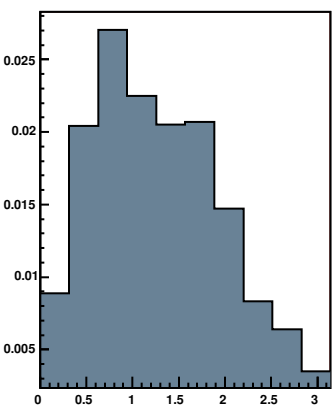
fake-dphi of muons, low Fake



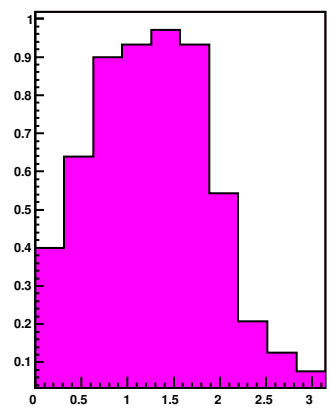
WZ-dphi of muons, low Fake



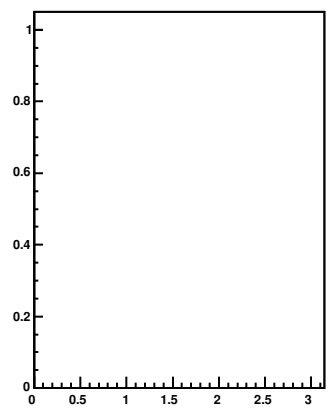
ZZ-dphi of muons, low Fake



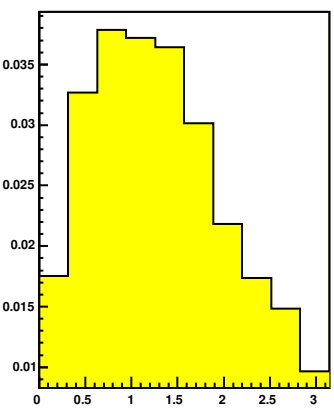
WW-dphi of muons, low Fake



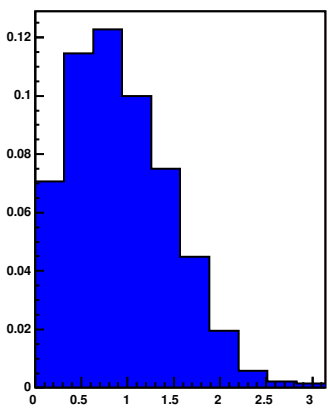
wgamma-dphi of muons, low Fake



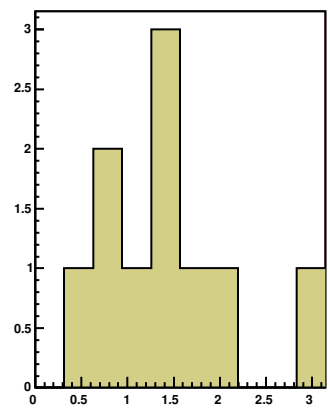
ttbar-dphi of muons, low Fake



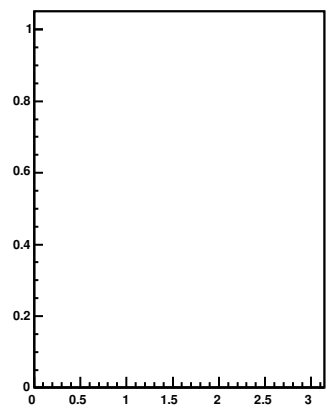
higgsww-dphi of muons, low Fake



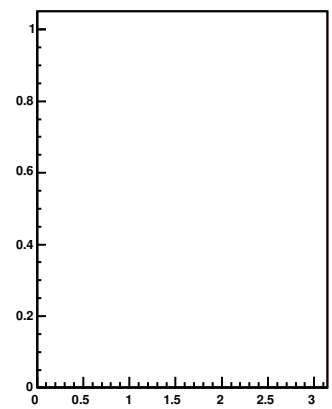
data-dphi of muons, low Fake



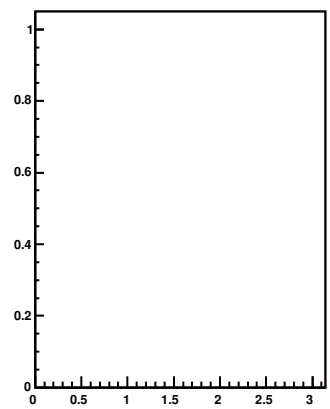
Zee-dphi from TMVA selection



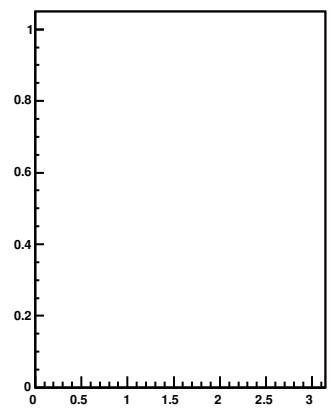
Zmumu-dphi from TMVA selection



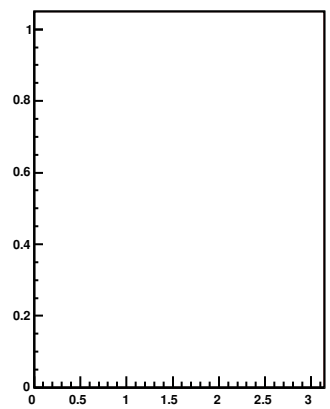
Ztautau-dphi from TMVA selection



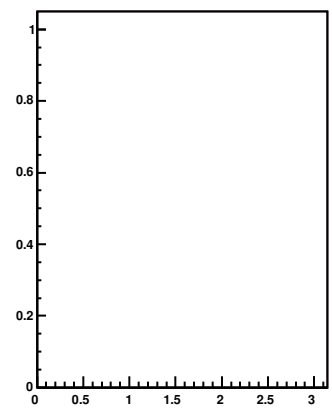
fake-dphi from TMVA selection



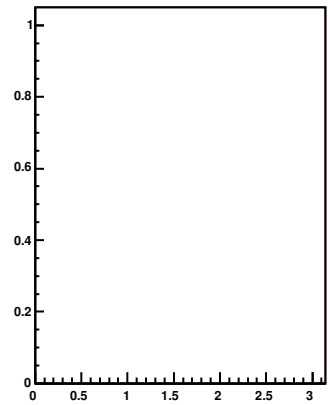
WZ-dphi from TMVA selection



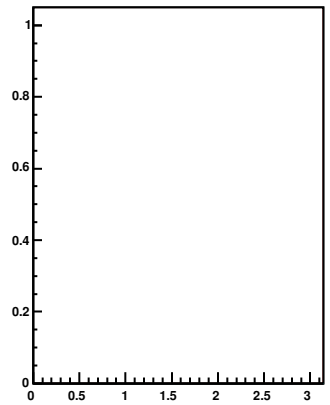
ZZ-dphi from TMVA selection



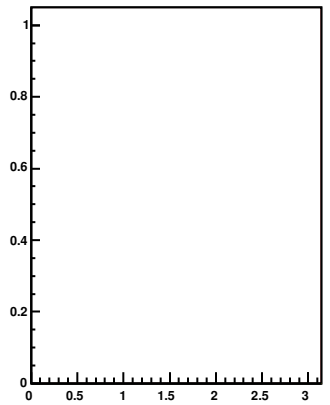
WW-dphi from TMVA selection



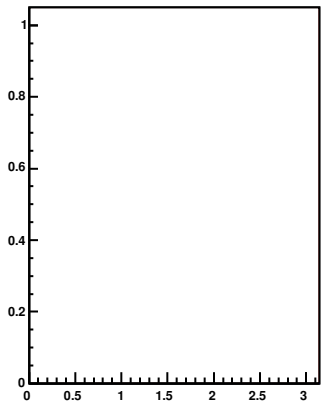
wgamma-dphi from TMVA selection



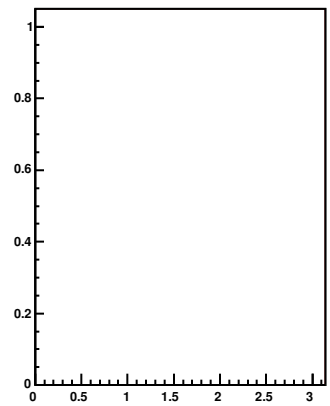
ttbar-dphi from TMVA selection



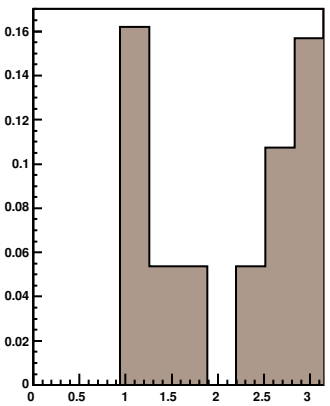
higgsww-dphi from TMVA selection



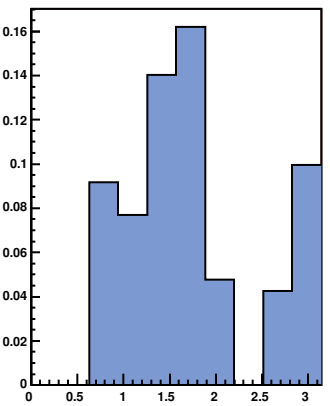
data-dphi from TMVA selection



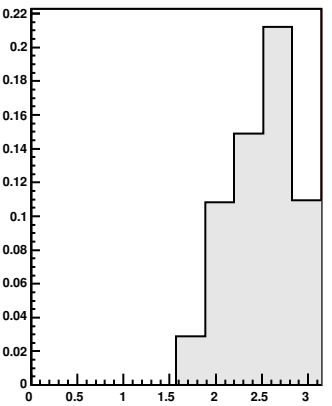
Zee-dilepton dR



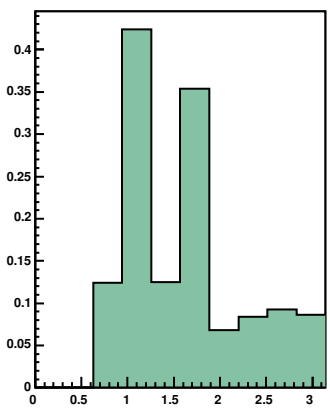
Zmumu-dilepton dR



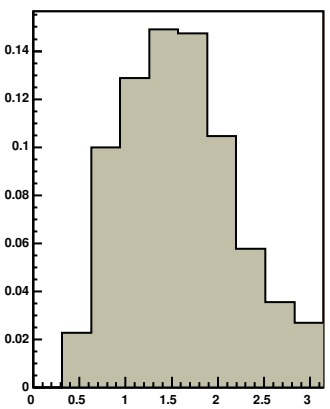
Ztautau-dilepton dR



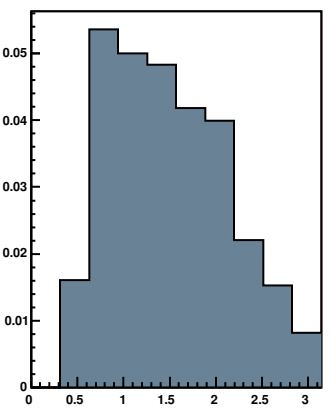
fake-dilepton dR



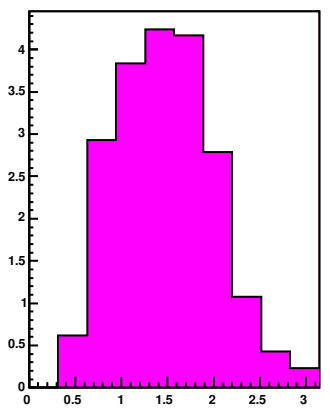
WZ-dilepton dR



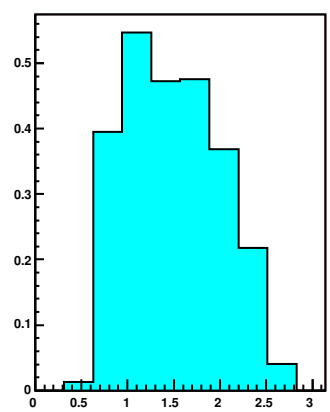
ZZ-dilepton dR



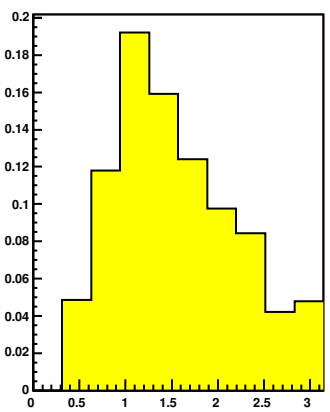
WW-dilepton dR



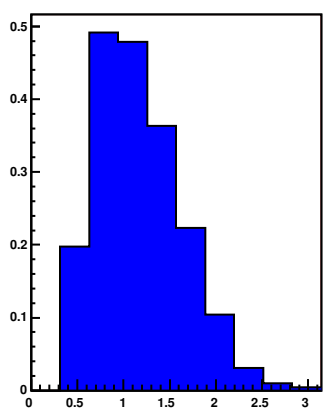
wgamma-dilepton dR



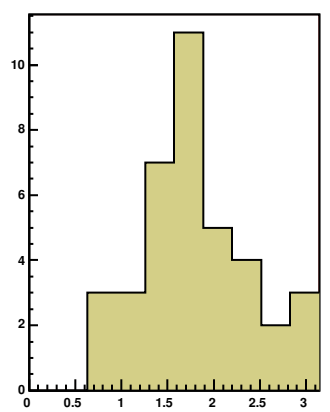
ttbar-dilepton dR



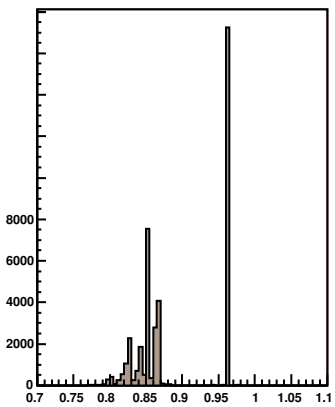
higgsww-dilepton dR



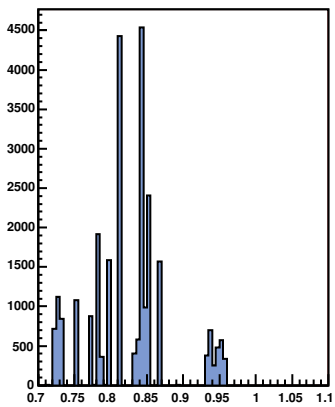
data-dilepton dR



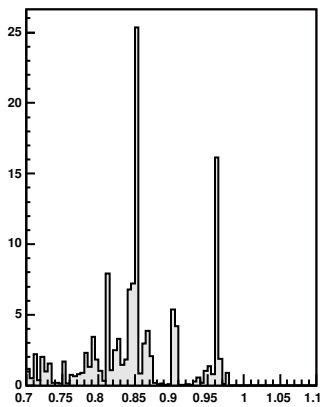
Zee-Weight forALL



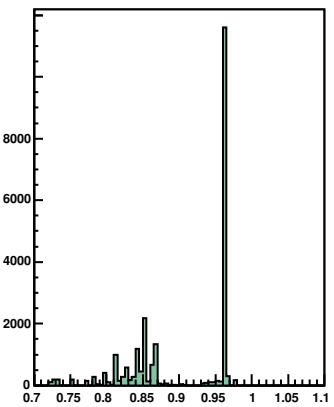
Zmumu-Weight forALL



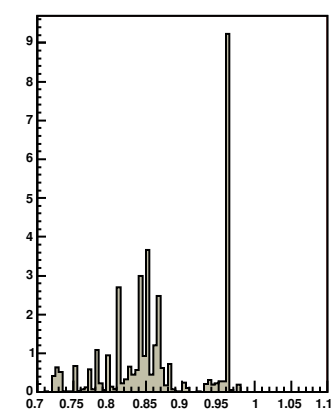
Ztautau-Weight forALL



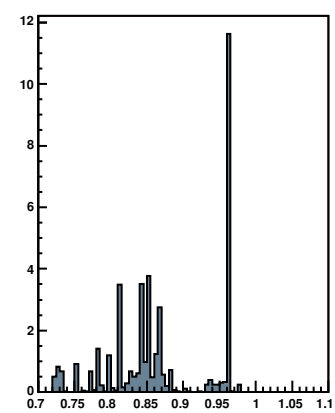
fake-Weight forALL



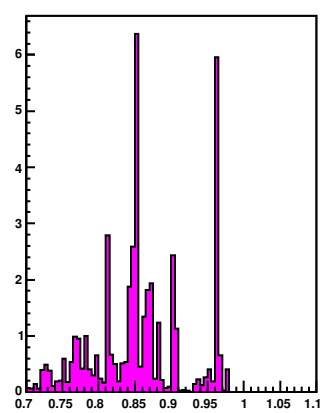
WZ-Weight forALL



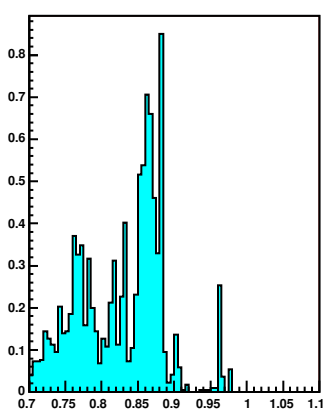
ZZ-Weight forALL



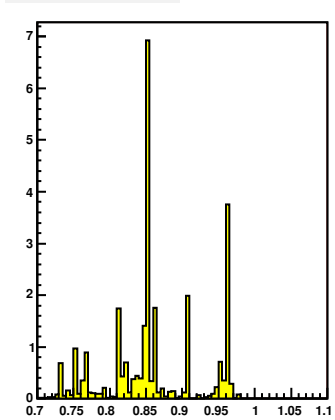
WW-Weight forALL



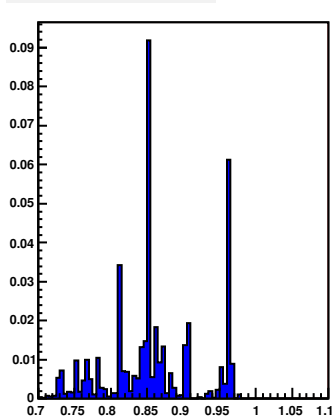
wgamma-Weight forALL



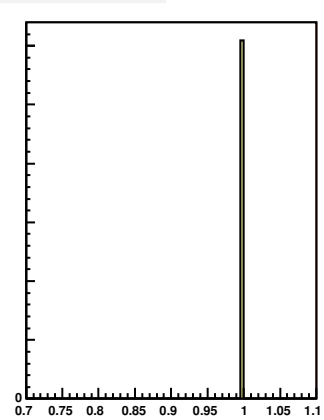
ttbar-Weight forALL



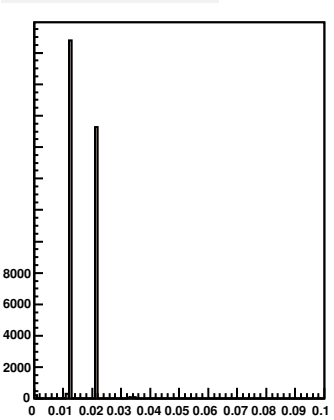
higgsww-Weight forALL



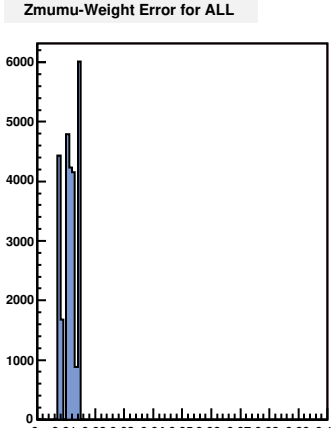
data-Weight forALL



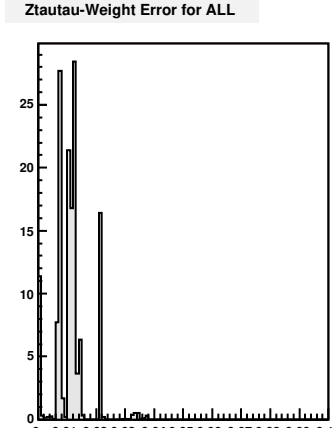
Zee-Weight Error for ALL



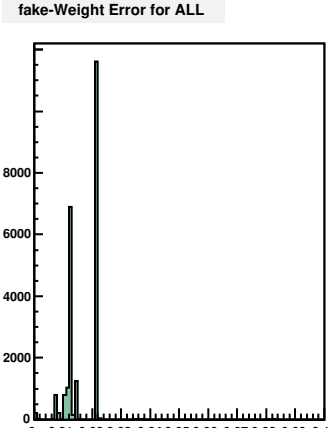
Zmumu-Weight Error for ALL



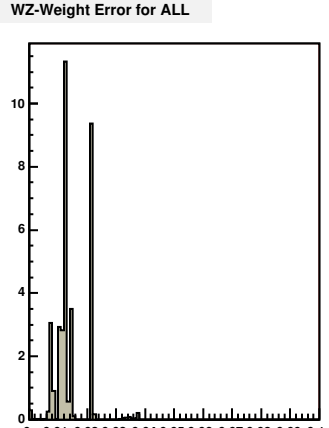
Ztautau-Weight Error for ALL



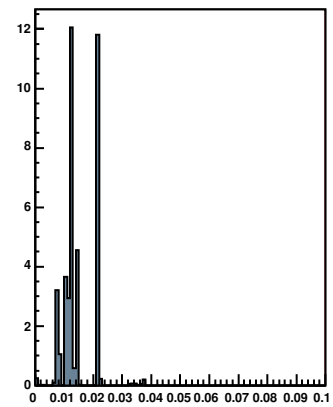
fake-Weight Error for ALL



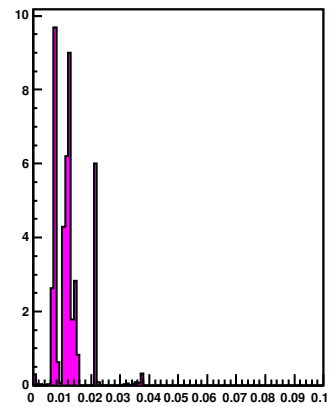
WZ-Weight Error for ALL



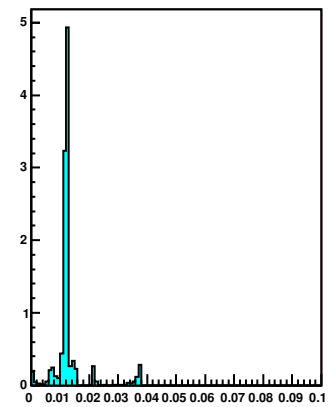
ZZ-Weight Error for ALL



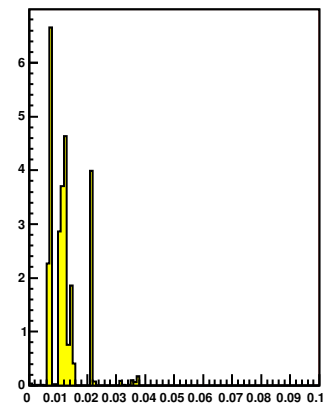
WW-Weight Error for ALL



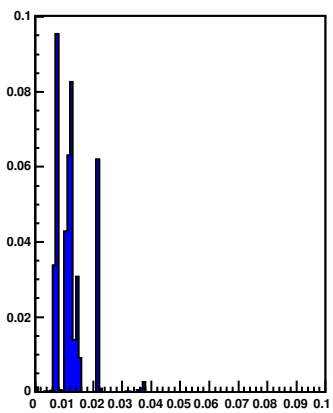
wgamma-Weight Error for ALL



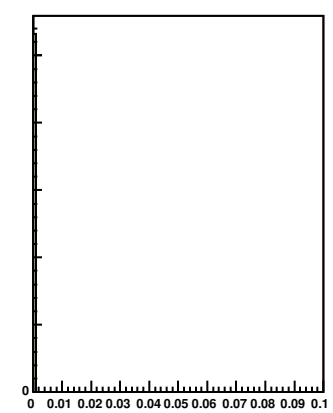
ttbar-Weight Error for ALL



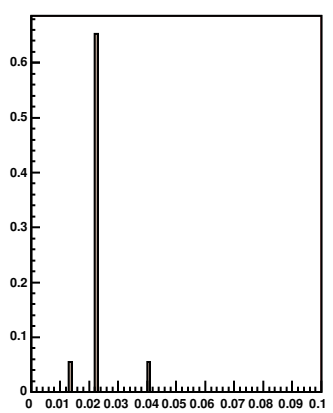
higgsww-Weight Error for ALL



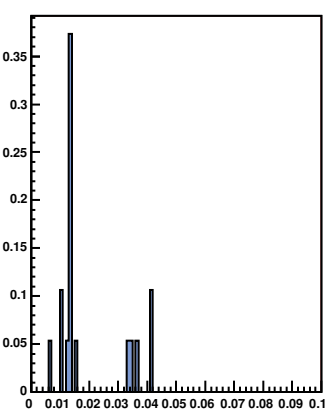
data-Weight Error for ALL



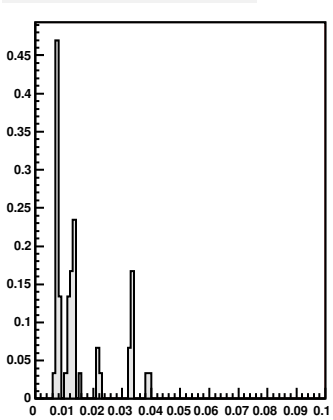
Zee-Relative Weight Error for ALL



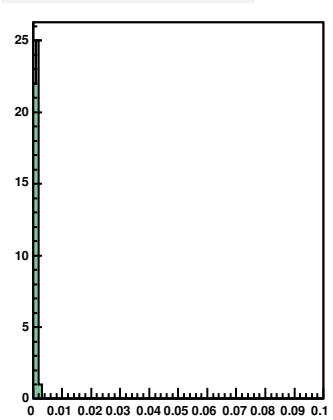
Zmumu-Relative Weight Error for ALL



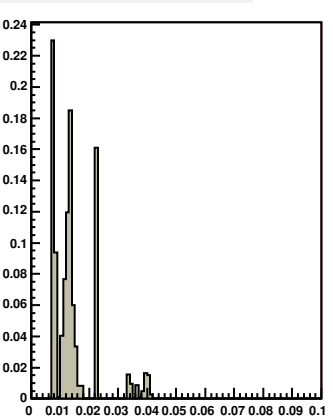
Ztautau-Relative Weight Error for ALL



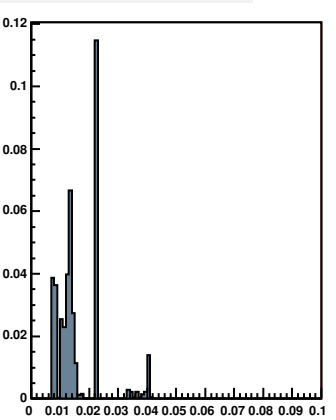
fake-Relative Weight Error for ALL



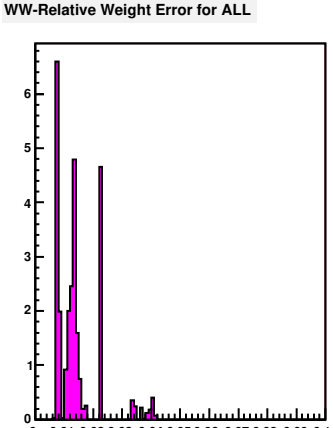
WZ-Relative Weight Error for ALL



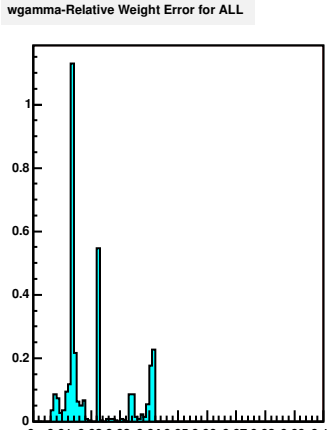
ZZ-Relative Weight Error for ALL



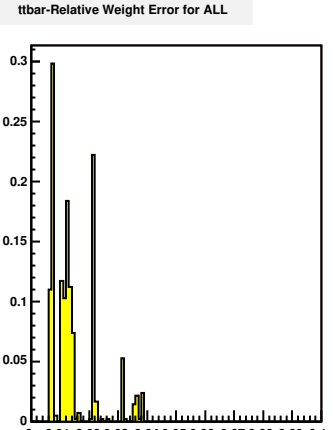
WW-Relative Weight Error for ALL



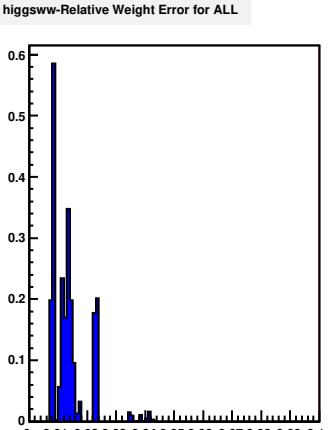
wgamma-Relative Weight Error for ALL



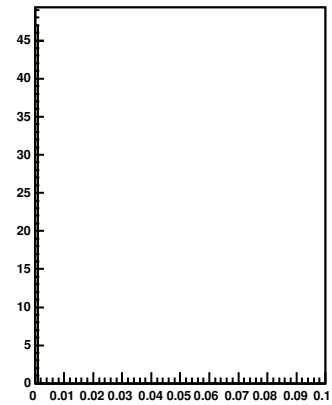
ttbar-Relative Weight Error for ALL



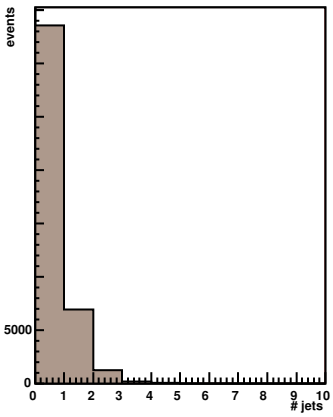
higgsww-Relative Weight Error for ALL



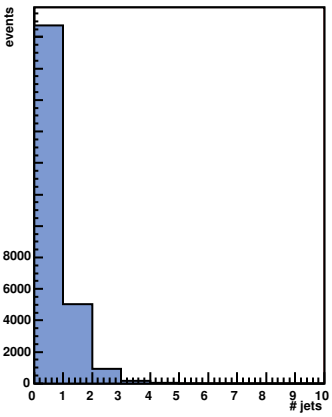
data-Relative Weight Error for ALL



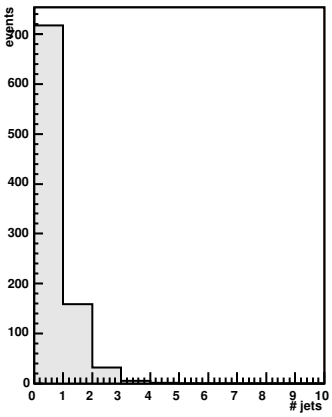
Zee-Number of Jets in before Jet cut



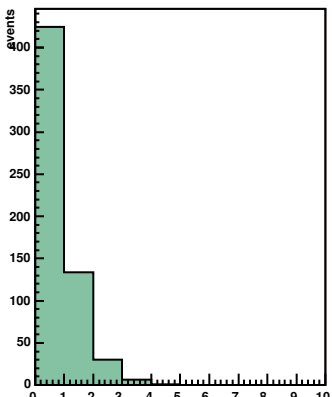
Zmumu-Number of Jets in before Jet cut



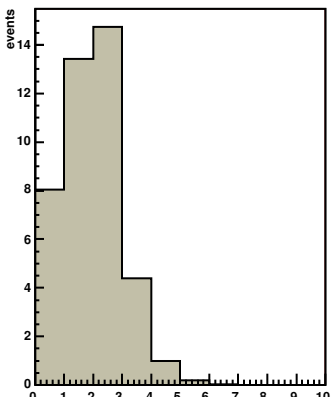
Ztautau-Number of Jets in before Jet cut



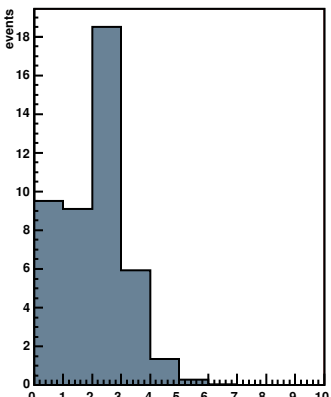
fake-Number of Jets in before Jet cut



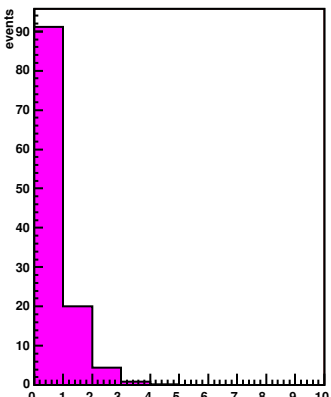
WZ-Number of Jets in before Jet cut



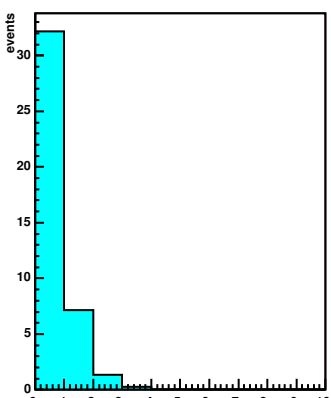
ZZ-Number of Jets in before Jet cut



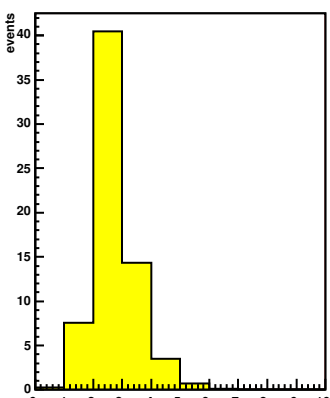
WW-Number of Jets in before Jet cut



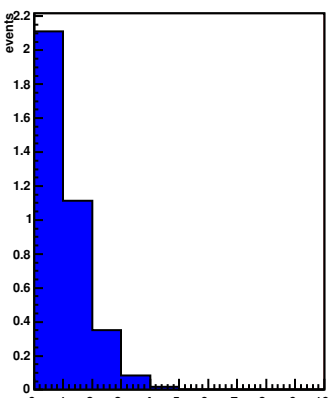
wgamma-Number of Jets in before Jet cut



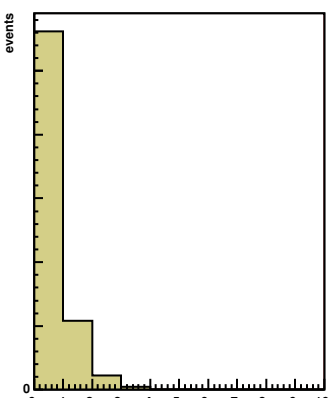
ttbar-Number of Jets in before Jet cut



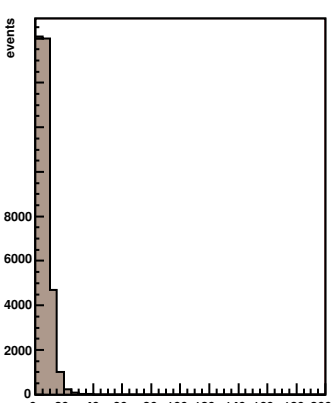
higgsww-Number of Jets in before Jet cut



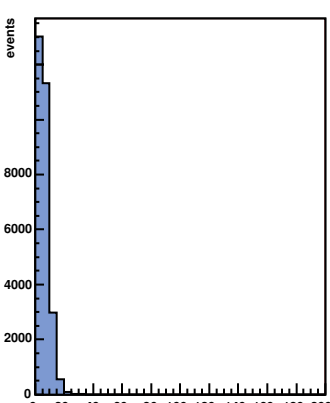
data-Number of Jets in before Jet cut



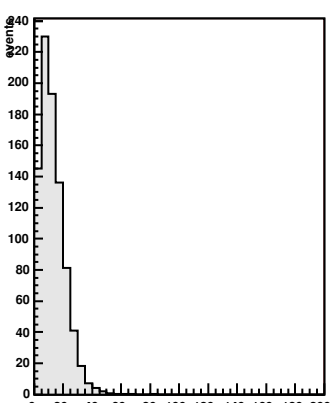
Zee-Missing Et before missing et cut



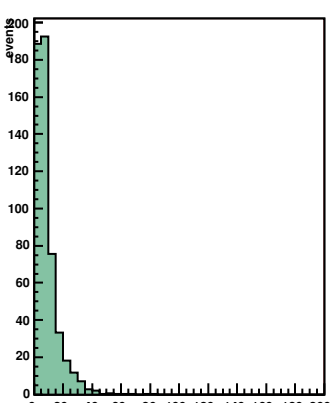
Zmumu-Missing Et before missing et cut



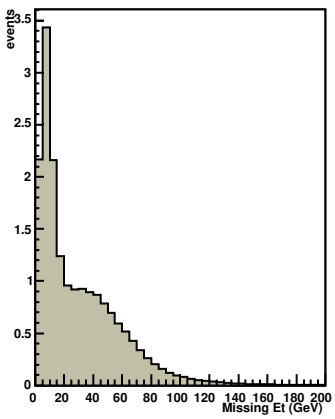
Ztautau-Missing Et before missing et cut



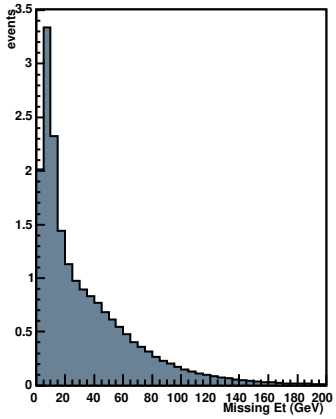
fake-Missing Et before missing et cut



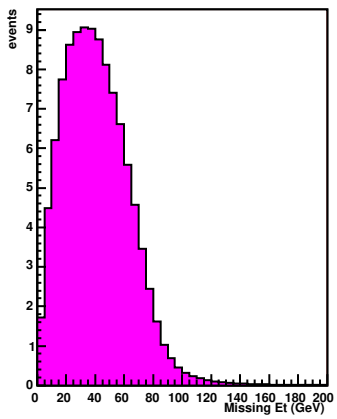
WZ-Missing Et before missing et cut



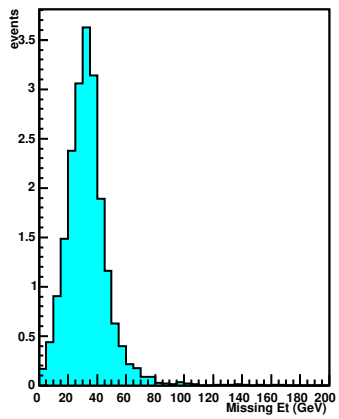
ZZ-Missing Et before missing et cut



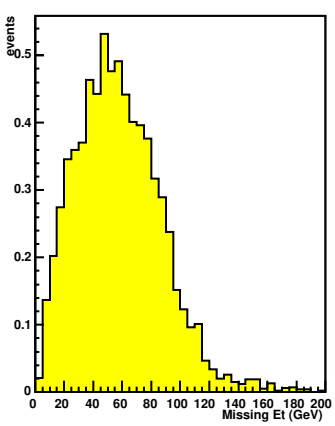
WW-Missing Et before missing et cut



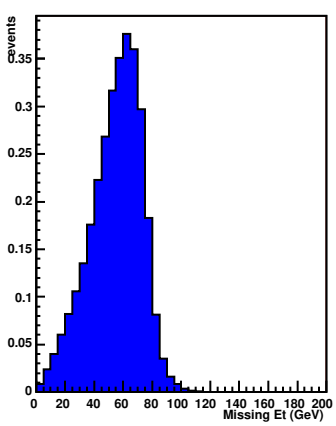
wgamma-Missing Et before missing et cut



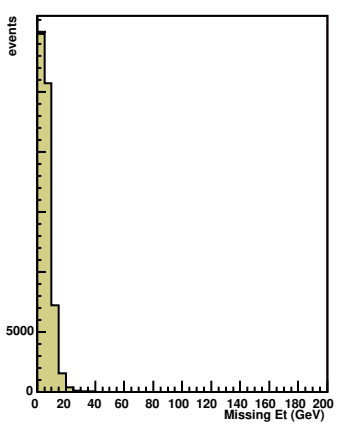
ttbar-Missing Et before missing et cut



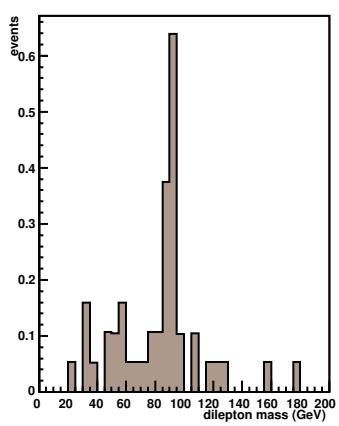
higgsww-Missing Et before missing et cut



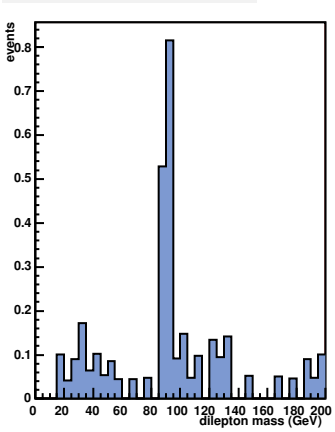
data-Missing Et before missing et cut



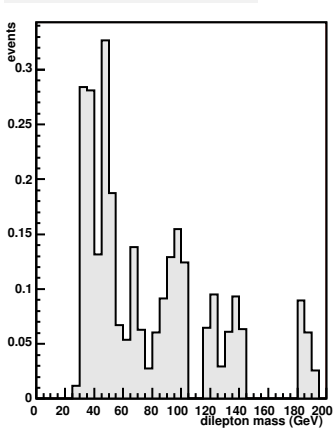
Zee-dilepton mass before dilepton mass cut



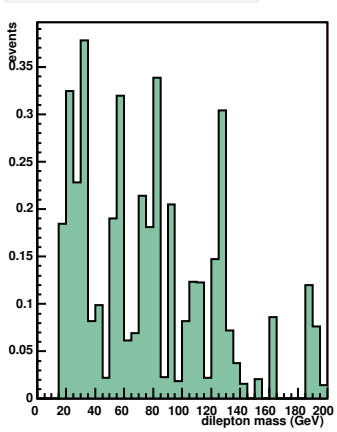
Zmumu-dilepton mass before dilepton mass cut



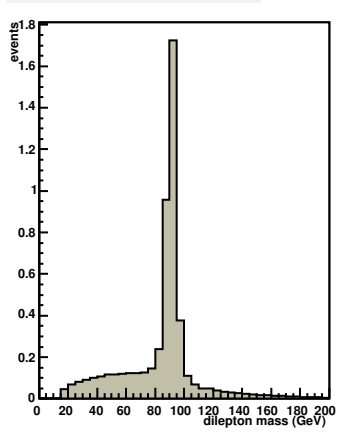
Ztautau-dilepton mass before dilepton mass cut



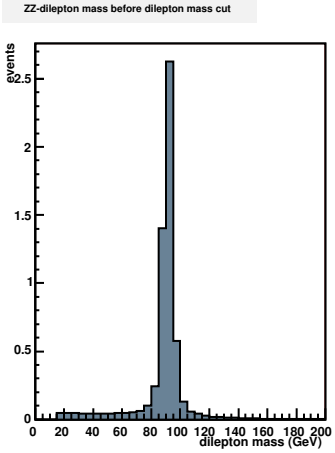
fake-dilepton mass before dilepton mass cut



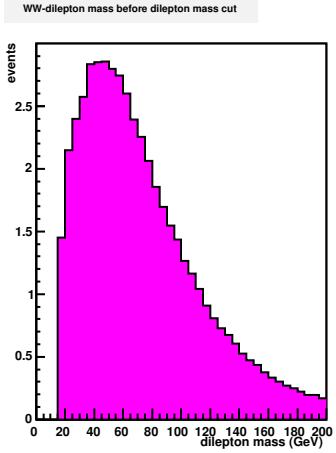
WZ-dilepton mass before dilepton mass cut



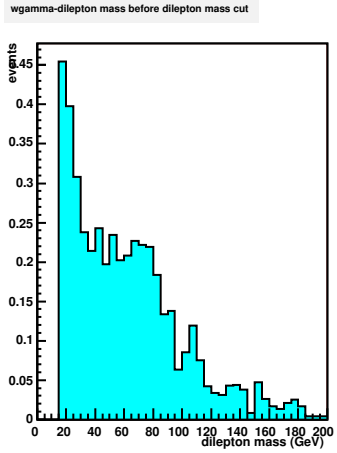
ZZ-dilepton mass before dilepton mass cut



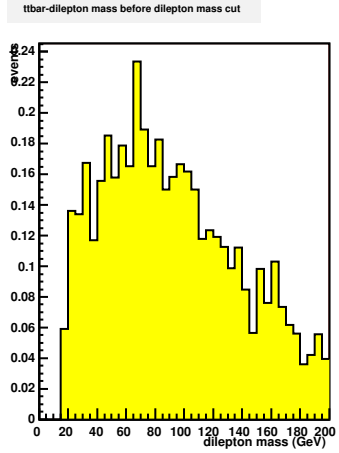
WW-dilepton mass before dilepton mass cut



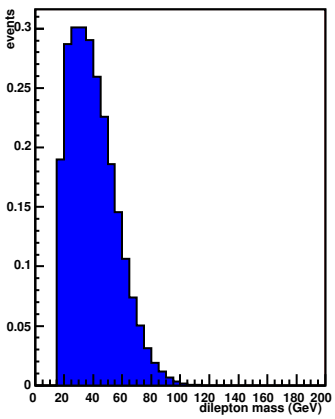
wgamma-dilepton mass before dilepton mass cut



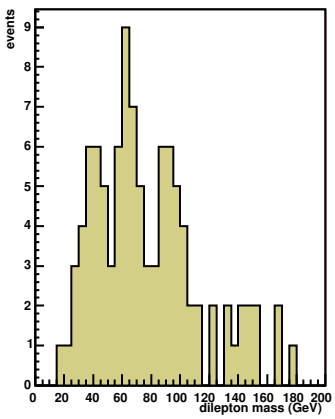
ttbar-dilepton mass before dilepton mass cut



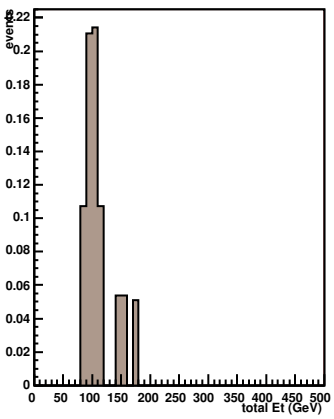
higgsww-dilepton mass before dilepton mass cut



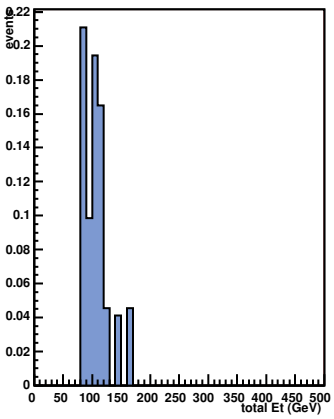
data-dilepton mass before dilepton mass cut



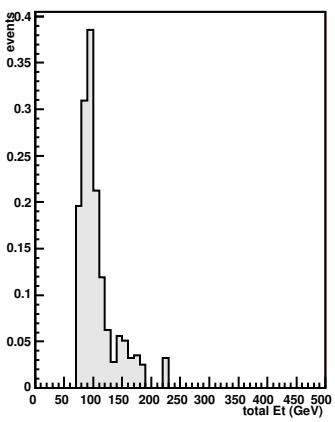
Zee-total Et in before total et cut



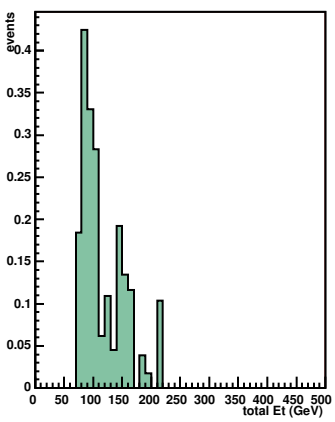
Zmumu-total Et in before total et cut



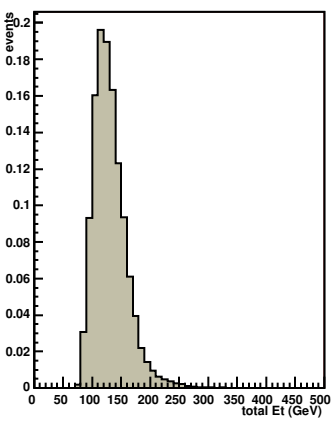
Ztautau-total Et in before total et cut



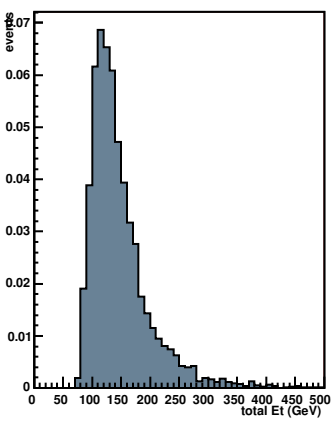
fake-total Et in before total et cut



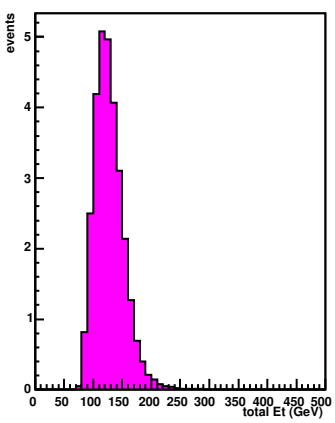
WZ-total Et in before total et cut



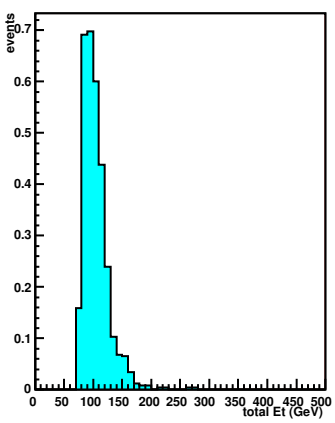
ZZ-total Et in before total et cut



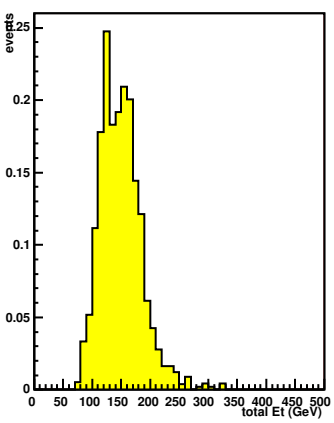
WW-total Et in before total et cut



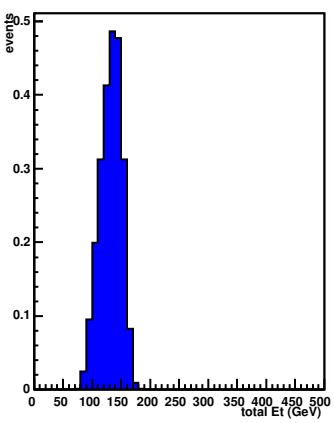
wgamma-total Et in before total et cut



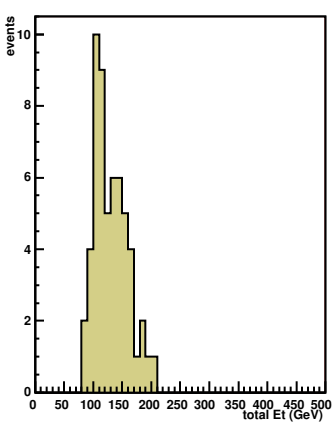
ttbar-total Et in before total et cut



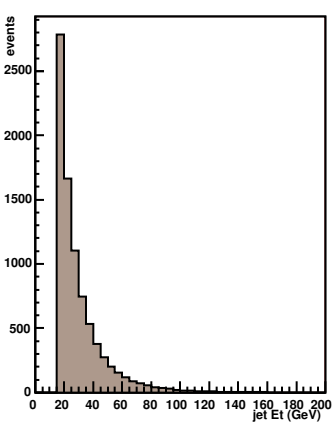
higgsww-total Et in before total et cut



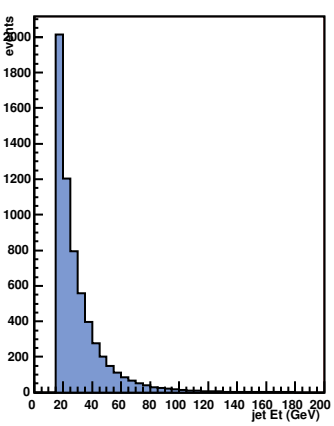
data-total Et in before total et cut



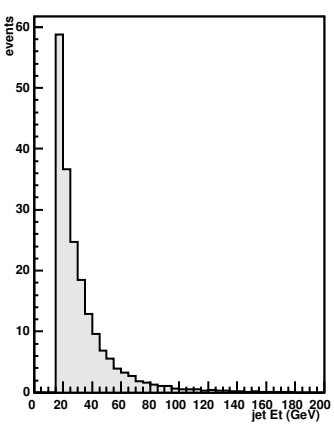
Zee-Lead jet Et for all jets before Jet cut



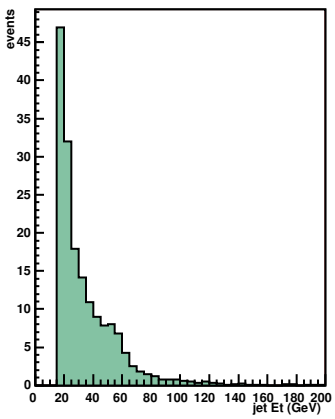
Zmumu-Lead jet Et for all jets before Jet cut



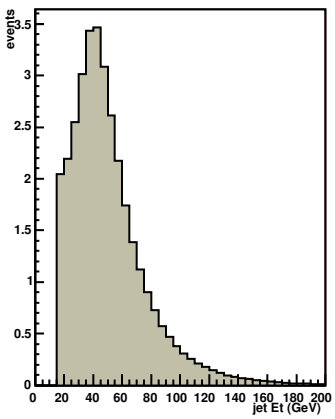
Ztautau-Lead jet Et for all jets before Jet cut



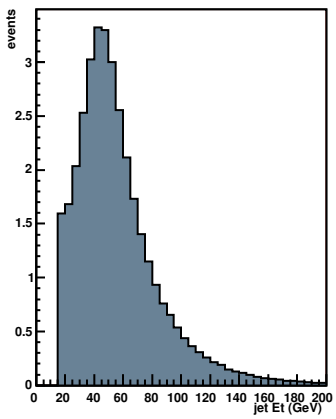
fake-Lead jet Et for all jets before Jet cut



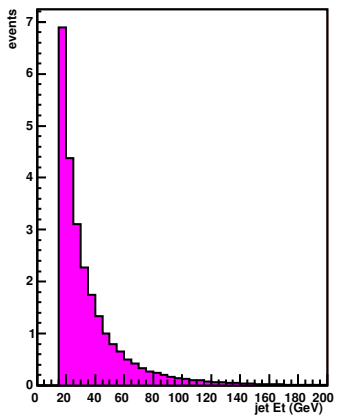
WZ-Lead jet Et for all jets before Jet cut



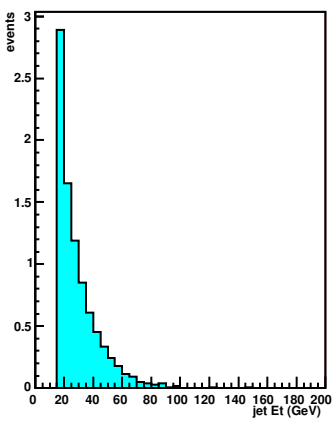
ZZ-Lead jet Et for all jets before Jet cut



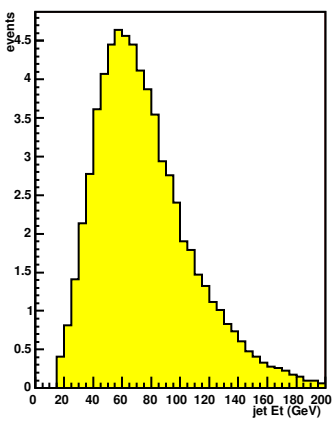
WW-Lead jet Et for all jets before Jet cut



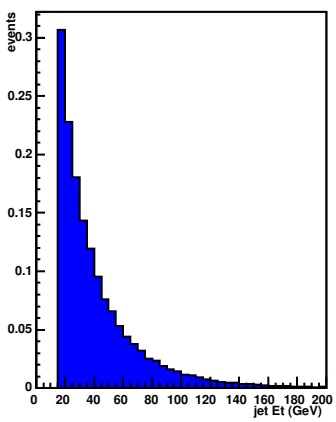
wgamma-Lead jet Et for all jets before Jet cut



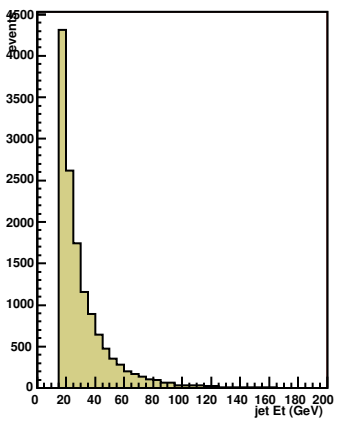
ttbar-Lead jet Et for all jets before Jet cut



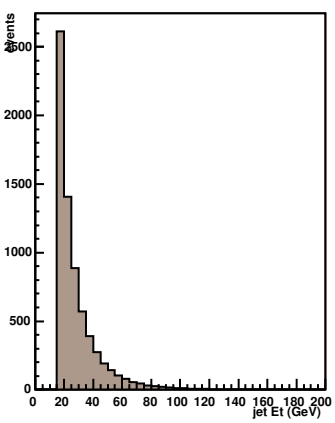
higgsww-Lead jet Et for all jets before Jet cut



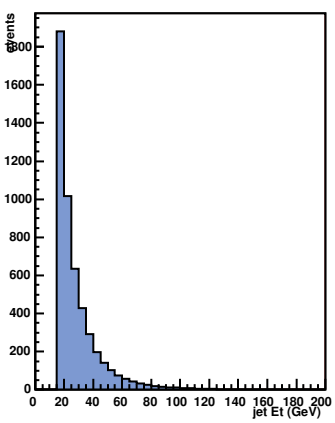
data-Lead jet Et for all jets before Jet cut



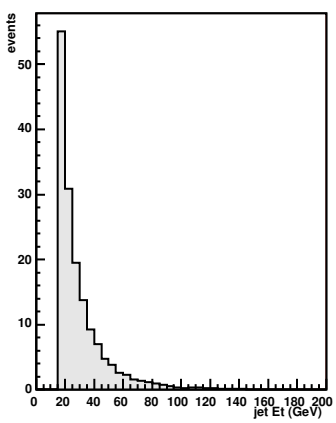
Zee-Lead jet Et for one jet before Jet cut



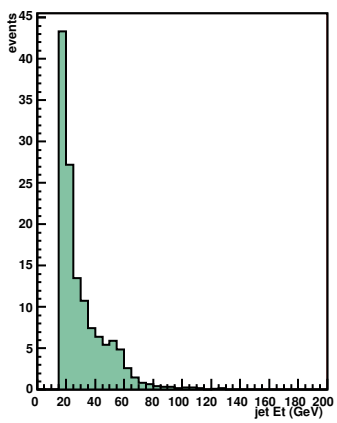
Zmumu-Lead jet Et for one jet before Jet cut



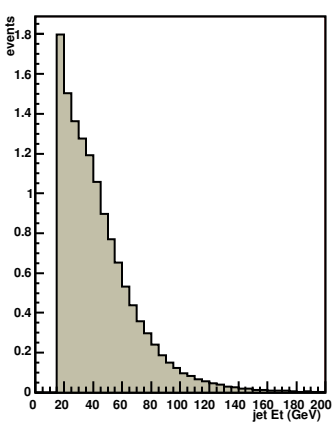
Ztautau-Lead jet Et for one jet before Jet cut



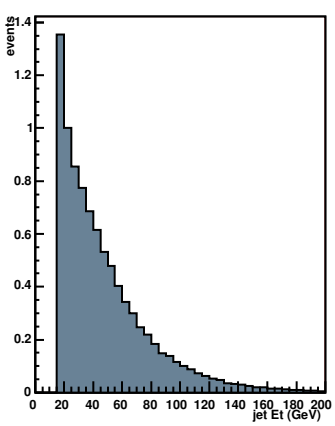
fake-Lead jet Et for one jet before Jet cut



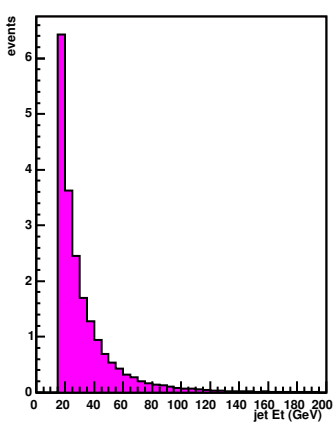
WZ-Lead jet Et for one jet before Jet cut



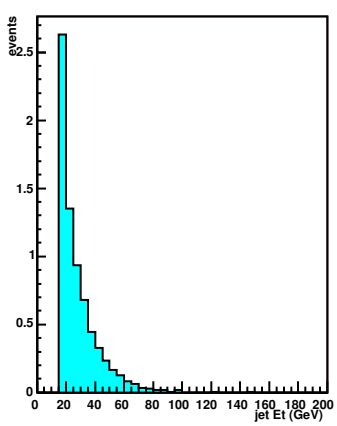
ZZ-Lead jet Et for one jet before Jet cut



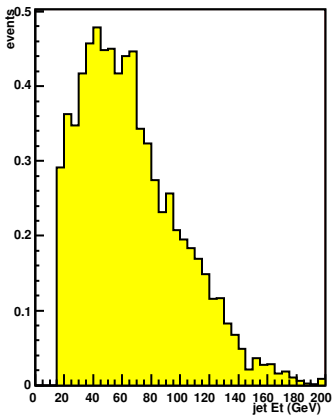
WW-Lead jet Et for one jet before Jet cut



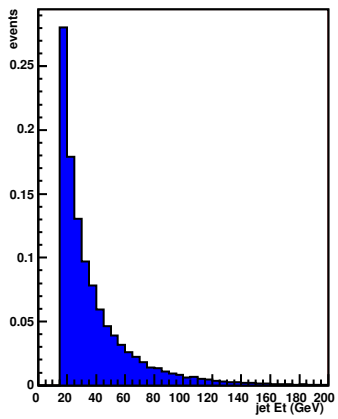
wgamma-Lead jet Et for one jet before Jet cut



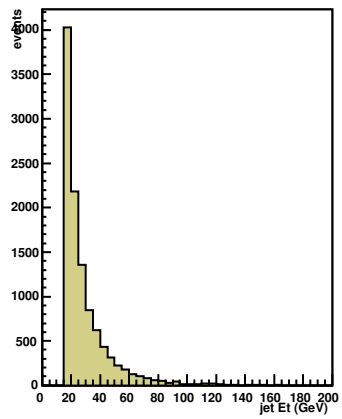
ttbar-Lead jet Et for one jet before Jet cut



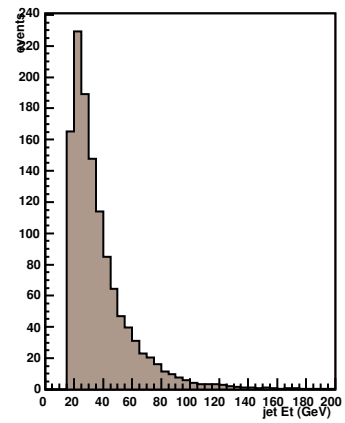
higgsww-Lead jet Et for one jet before Jet cut



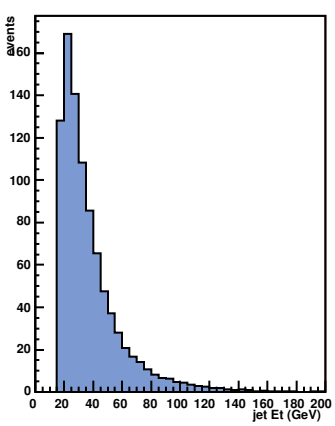
data-Lead jet Et for one jet before Jet cut



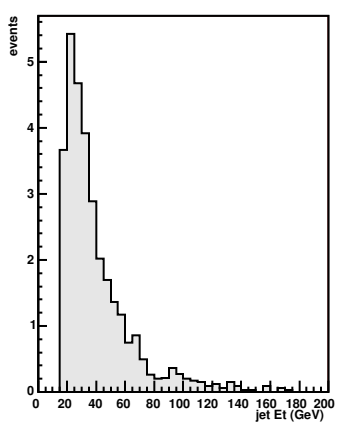
Zee-Lead jet Et for two jets in before Jet cut



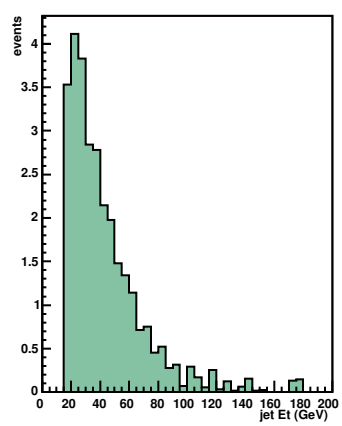
Zmumu-Lead jet Et for two jets in before Jet cut



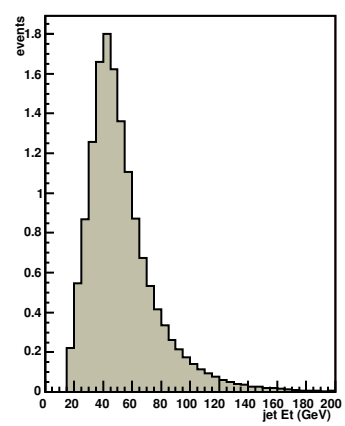
Ztautau-Lead jet Et for two jets in before Jet cut



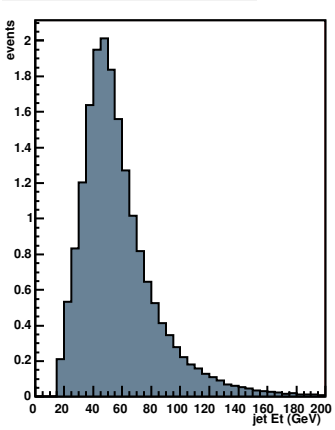
fake-Lead jet Et for two jets in before Jet cut



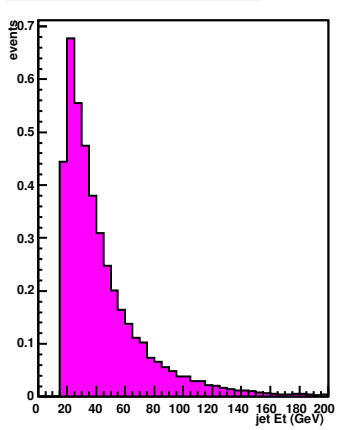
WZ-Lead jet Et for two jets in before Jet cut



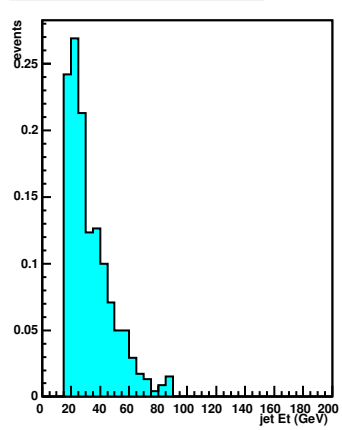
ZZ-Lead jet Et for two jets in before Jet cut



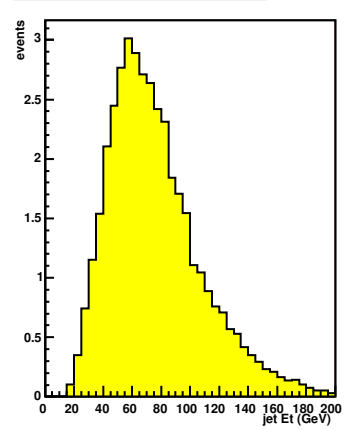
WW-Lead jet Et for two jets in before Jet cut



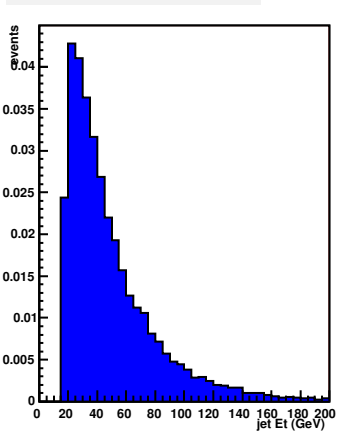
wgamma-Lead jet Et for two jets in before Jet cut



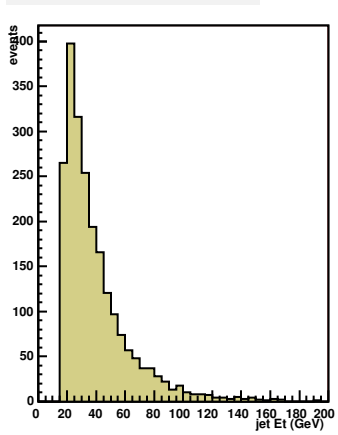
ttbar-Lead jet Et for two jets in before Jet cut



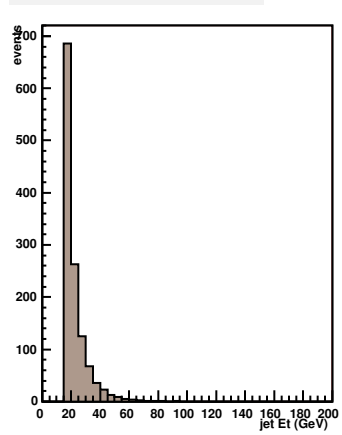
higgsww-Lead jet Et for two jets in before Jet cut



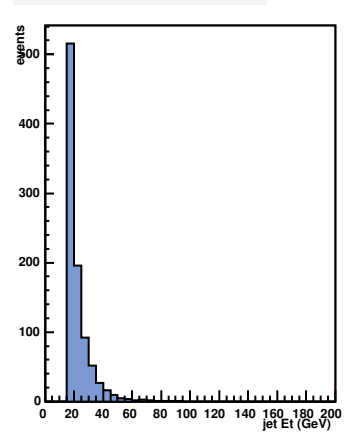
data-Lead jet Et for two jets in before Jet cut



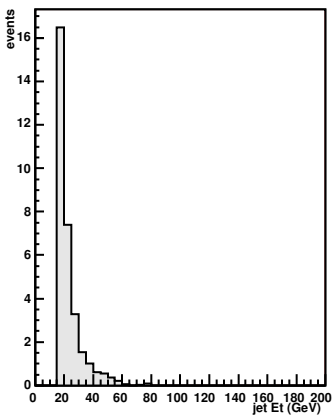
Zee-Second jet Et for two jets before Jet cut



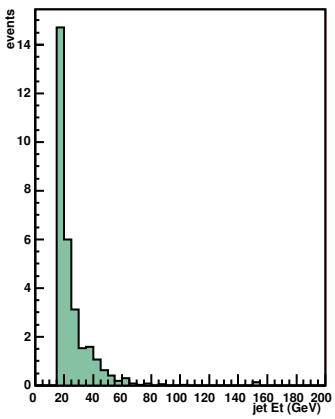
Zmumu-Second jet Et for two jets before Jet cut



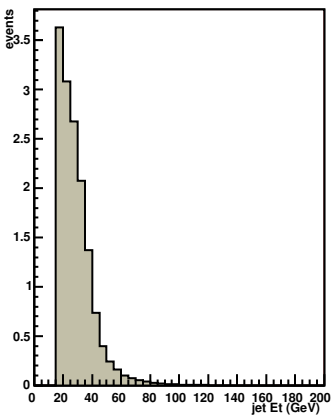
Ztautau-Second jet Et for two jets before Jet cut



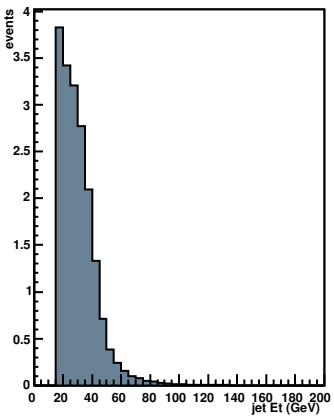
fake-Second jet Et for two jets before Jet cut



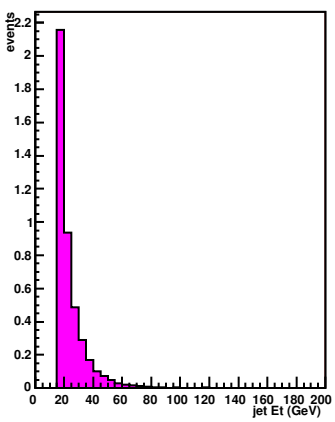
WZ-Second jet Et for two jets before Jet cut



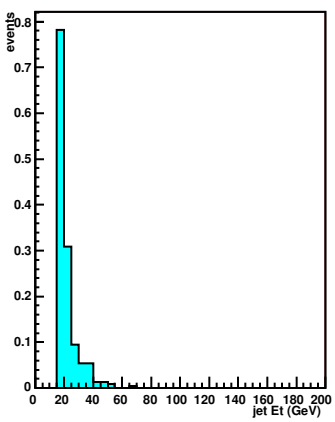
ZZ-Second jet Et for two jets before Jet cut



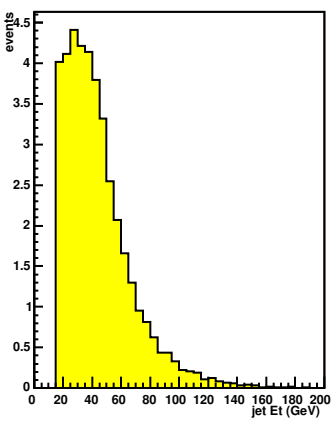
WW-Second jet Et for two jets before Jet cut



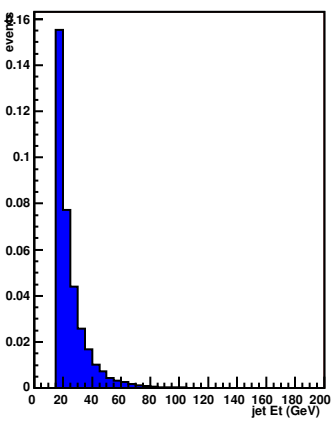
wgamma-Second jet Et for two jets before Jet cut



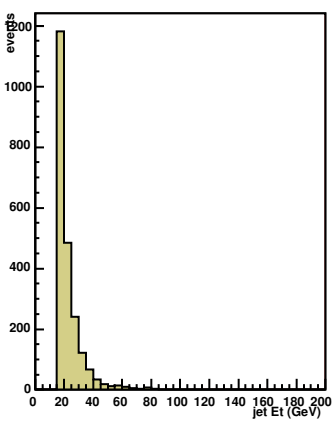
ttbar-Second jet Et for two jets before Jet cut



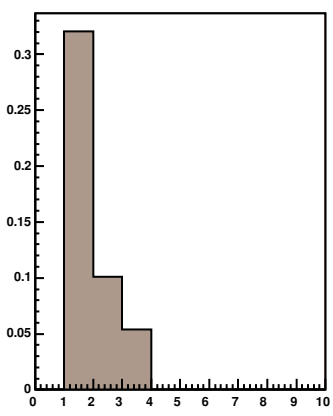
higgsww-Second jet Et for two jets before Jet cut



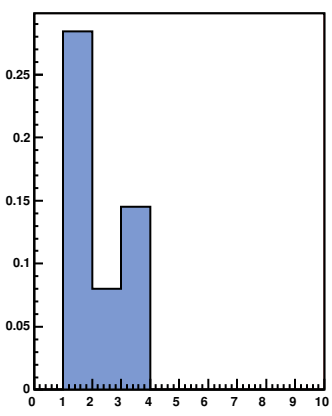
data-Second jet Et for two jets before Jet cut



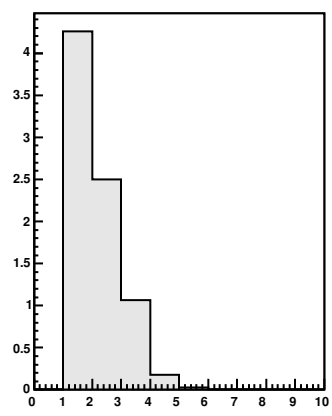
Zee-Number of Jets inALL in Nm1 Jet cut



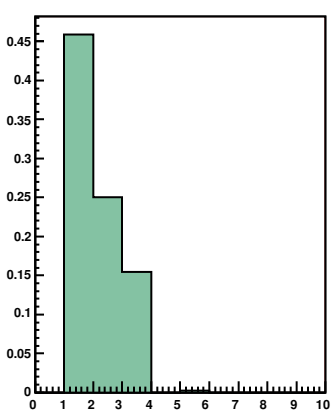
Zmumu-Number of Jets inALL in Nm1 Jet cut



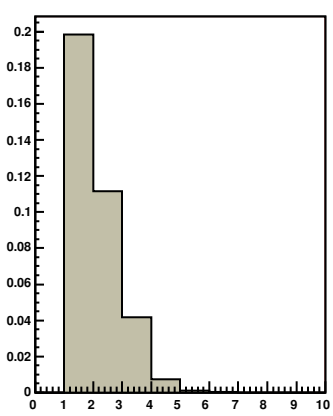
Ztautau-Number of Jets inALL in Nm1 Jet cut



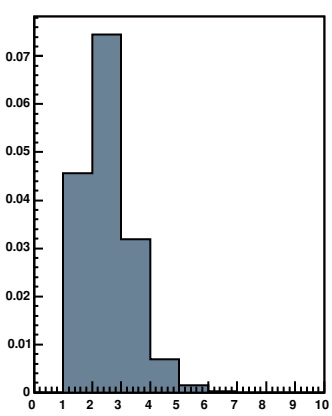
fake-Number of Jets inALL in Nm1 Jet cut



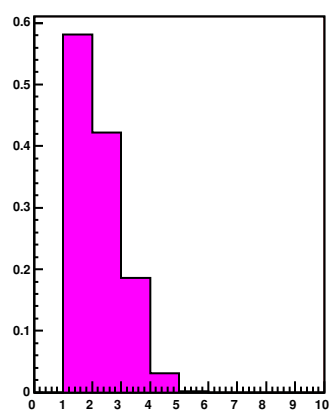
WZ-Number of Jets inALL in Nm1 Jet cut



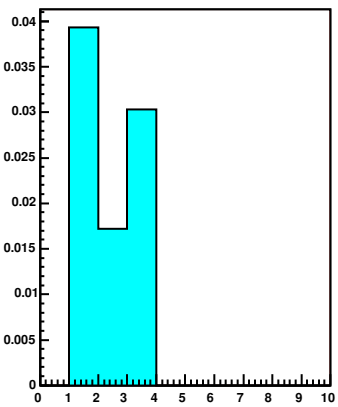
ZZ-Number of Jets inALL in Nm1 Jet cut



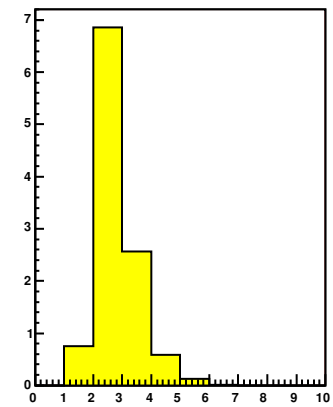
WW-Number of Jets inALL in Nm1 Jet cut



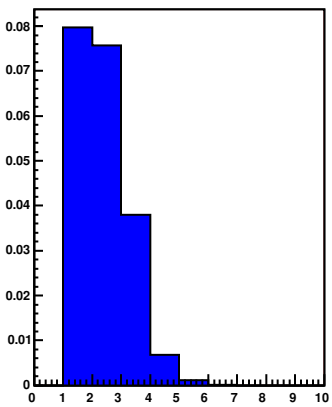
wgamma-Number of Jets inALL in Nm1 Jet cut



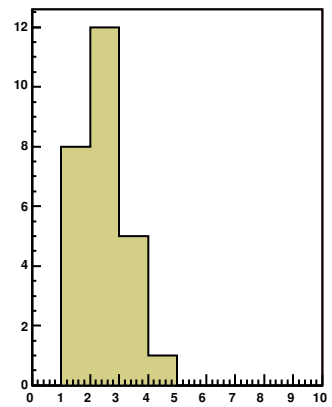
ttbar-Number of Jets inALL in Nm1 Jet cut



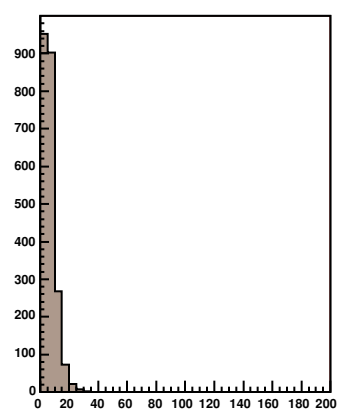
higgsww-Number of Jets inALL in Nm1 Jet cut



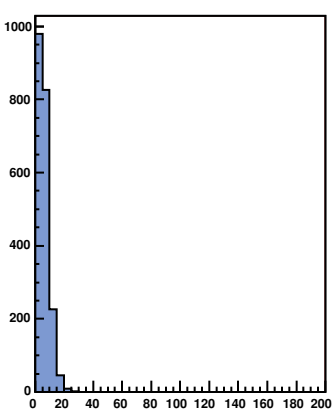
data-Number of Jets inALL in Nm1 Jet cut



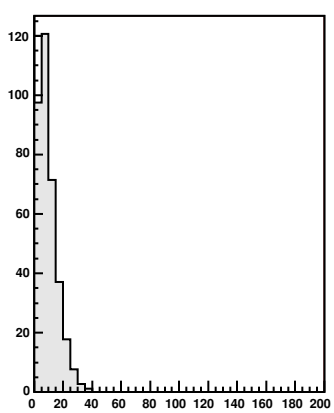
Zee-Missing Et inALL in Nm1 missing et cut



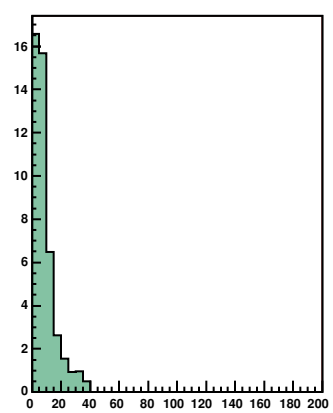
Zmumu-Missing Et inALL in Nm1 missing et cut



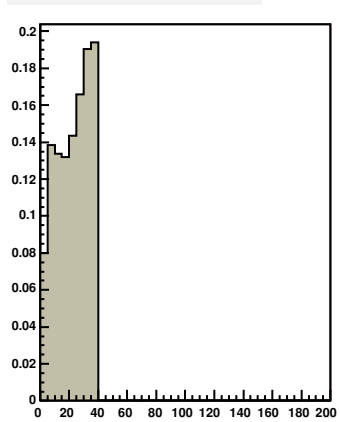
Ztautau-Missing Et inALL in Nm1 missing et cut



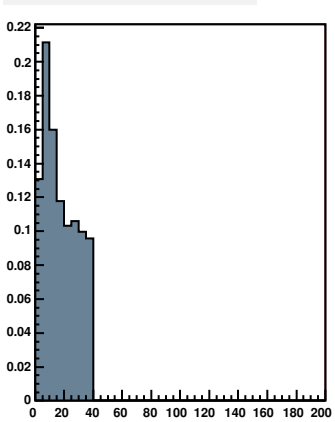
fake-Missing Et inALL in Nm1 missing et cut



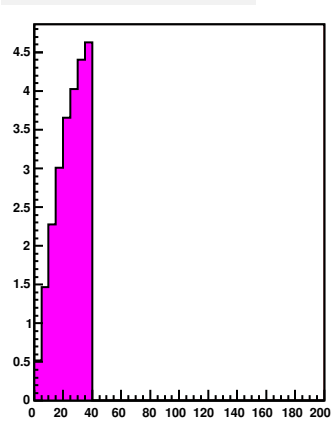
WZ-Missing Et inALL in Nm1 missing et cut



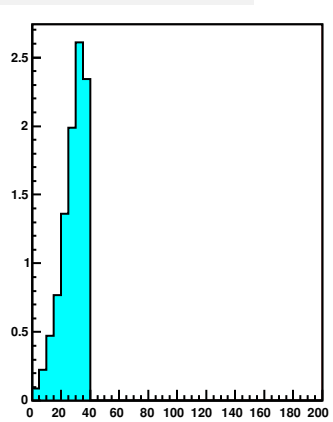
ZZ-Missing Et inALL in Nm1 missing et cut



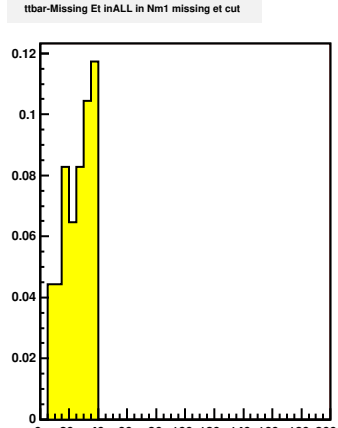
WW-Missing Et inALL in Nm1 missing et cut



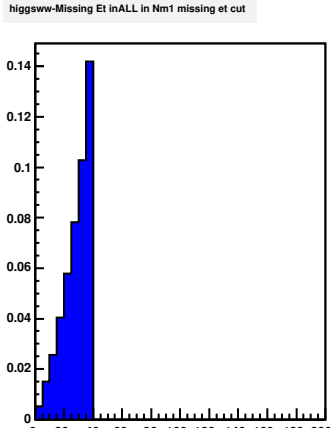
wgamma-Missing Et inALL in Nm1 missing et cut



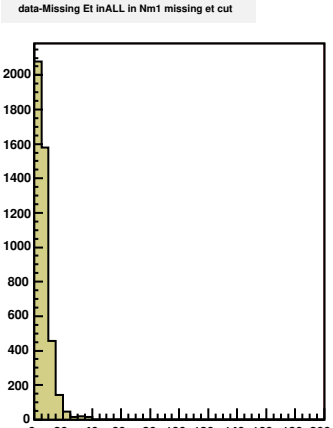
ttbar-Missing Et inALL in Nm1 missing et cut



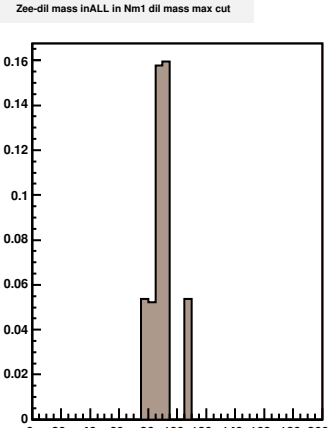
higgsww-Missing Et inALL in Nm1 missing et cut



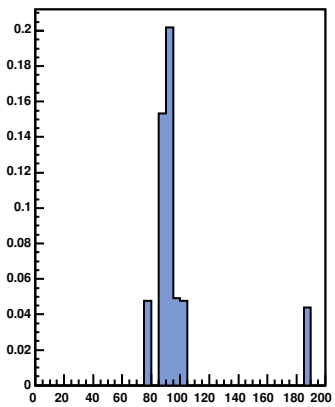
data-Missing Et inALL in Nm1 missing et cut



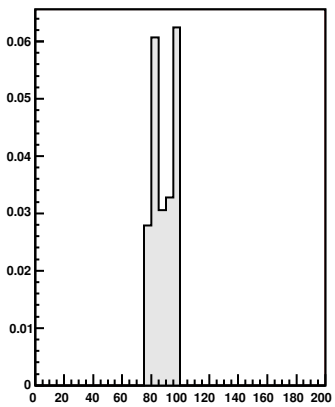
Zee-dil mass inALL in Nm1 dil mass max cut



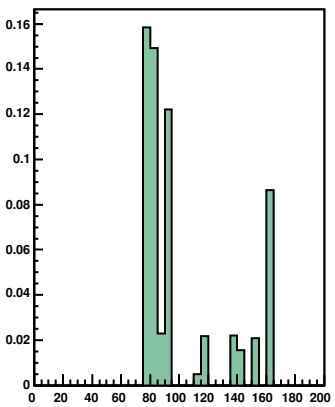
Zmumu-dil mass inALL in Nm1 dil mass max cut



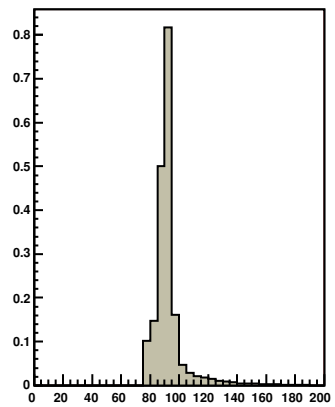
Ztautau-dil mass inALL in Nm1 dil mass max cut



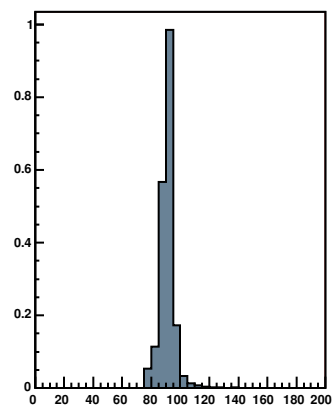
fake-dil mass inALL in Nm1 dil mass max cut



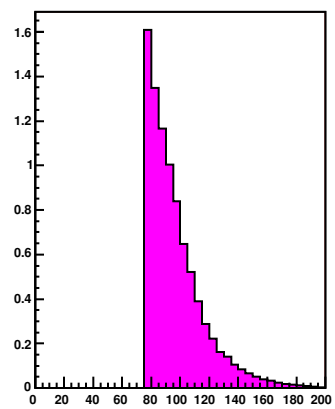
WZ-dil mass inALL in Nm1 dil mass max cut



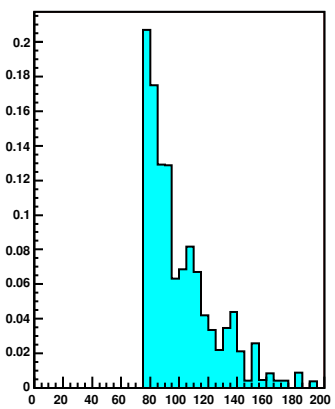
ZZ-dil mass inALL in Nm1 dil mass max cut



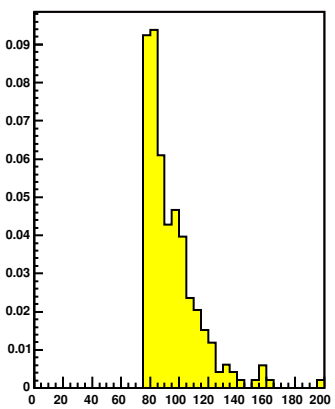
WW-dil mass inALL in Nm1 dil mass max cut



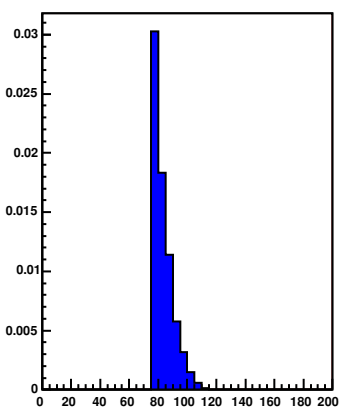
wgamma-dil mass inALL in Nm1 dil mass max cut



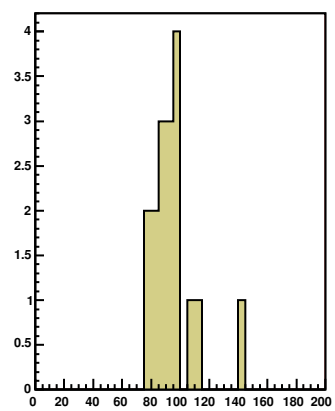
ttbar-dil mass inALL in Nm1 dil mass max cut



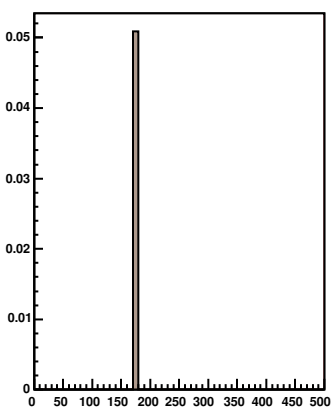
higgsww-dil mass inALL in Nm1 dil mass max cut



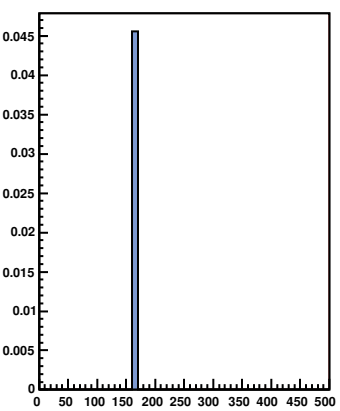
data-dil mass inALL in Nm1 dil mass max cut



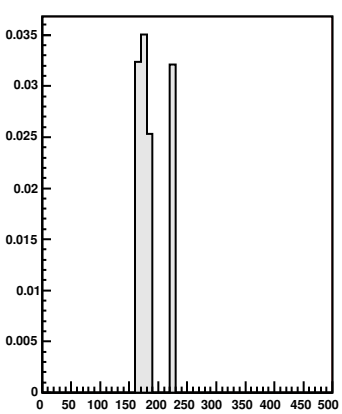
Zee-total et inALL in Nm1 total et cut



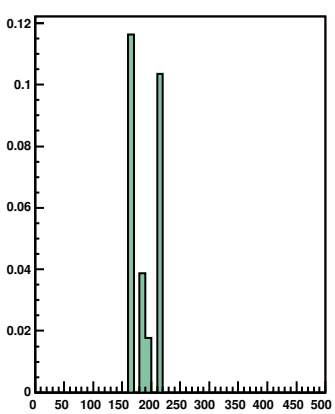
Zmumu-total et inALL in Nm1 total et cut



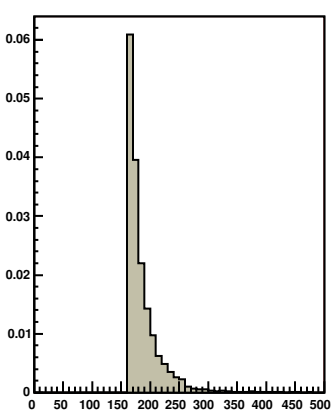
Ztautau-total et inALL in Nm1 total et cut



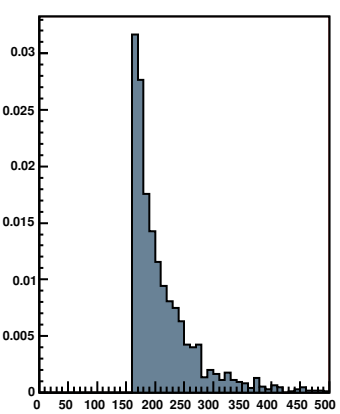
fake-total et inALL in Nm1 total et cut



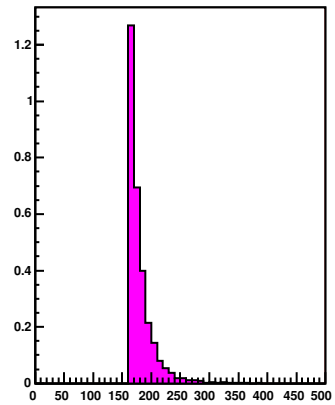
WZ-total et inALL in Nm1 total et cut



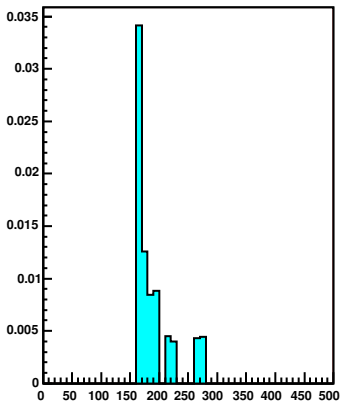
ZZ-total et inALL in Nm1 total et cut



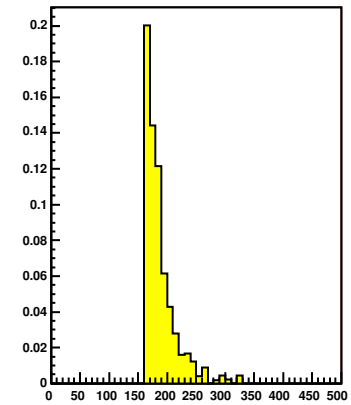
WW-total et inALL in Nm1 total et cut



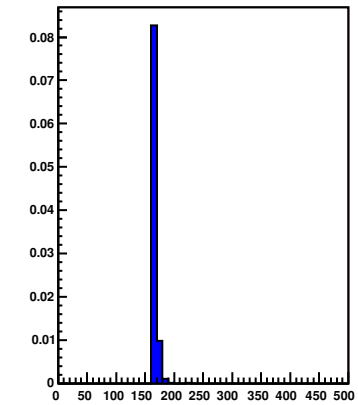
wgamma-total et inALL in Nm1 total et cut



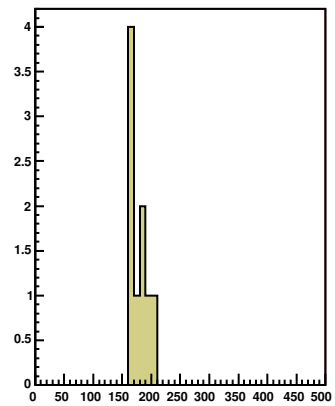
ttbar-total et inALL in Nm1 total et cut



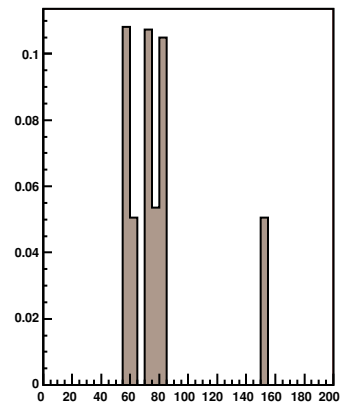
higgsww-total et inALL in Nm1 total et cut



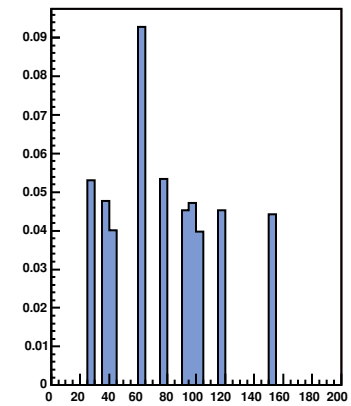
data-total et inALL in Nm1 total et cut



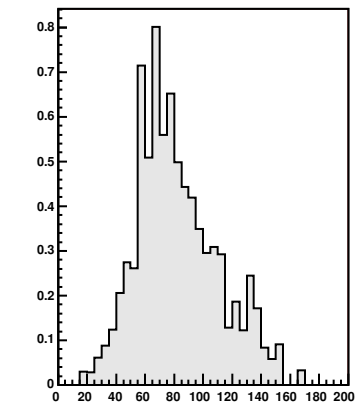
Zee-Lead jet Et for all jets inALL in Nm1 Jet cut



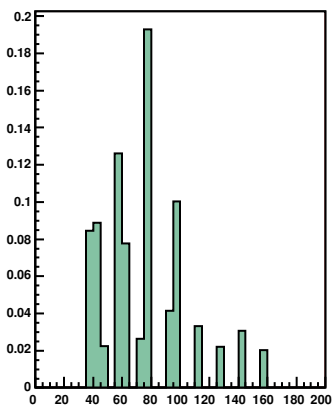
Zmumu-Lead jet Et for all jets inALL in Nm1 Jet cut



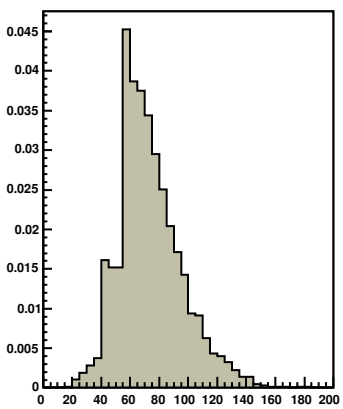
Ztautau-Lead jet Et for all jets inALL in Nm1 Jet cut



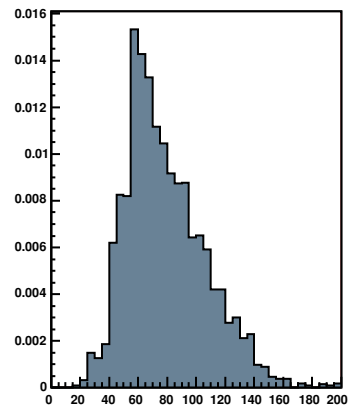
fake-Lead jet Et for all jets inALL in Nm1 Jet cut



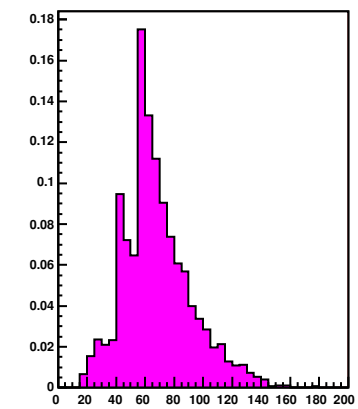
WZ-Lead jet Et for all jets inALL in Nm1 Jet cut



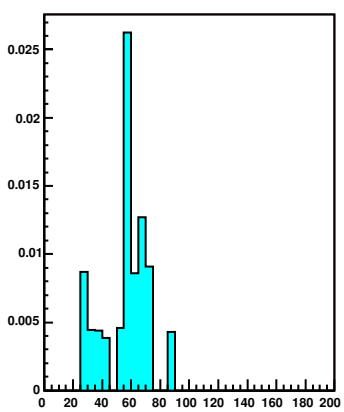
ZZ-Lead jet Et for all jets inALL in Nm1 Jet cut



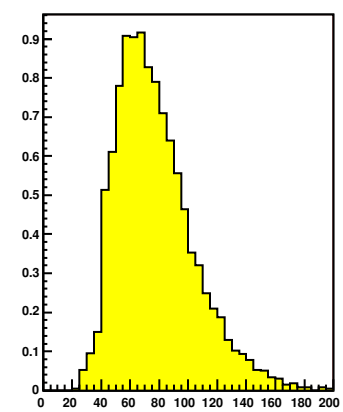
WW-Lead jet Et for all jets inALL in Nm1 Jet cut



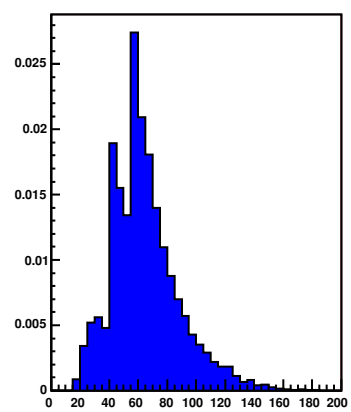
wgamma-Lead jet Et for all jets inALL in Nm1 Jet cut



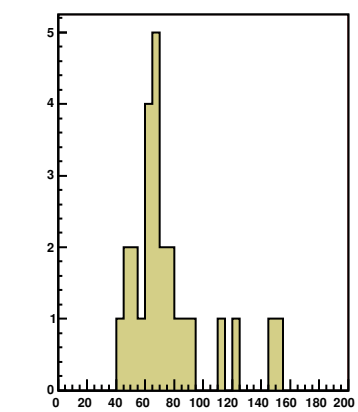
ttbar-Lead jet Et for all jets inALL in Nm1 Jet cut



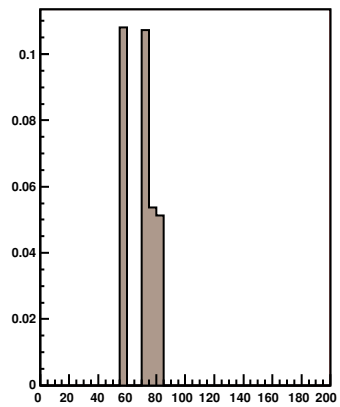
higgsww-Lead jet Et for all jets inALL in Nm1 Jet cut



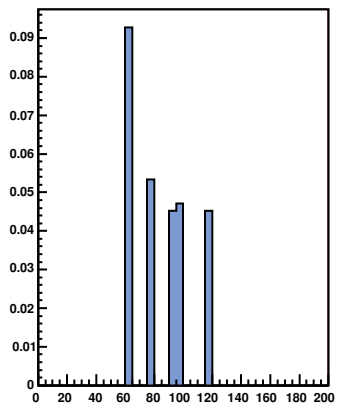
data-Lead jet Et for all jets inALL in Nm1 Jet cut



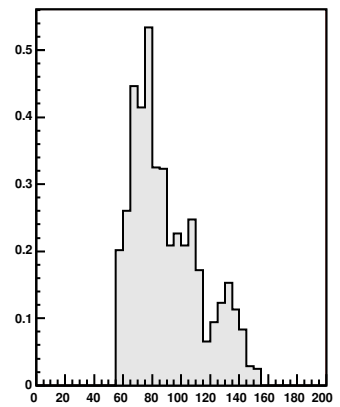
Zee-Lead jet Et for one jet in ALL in Nm1 Jet cut



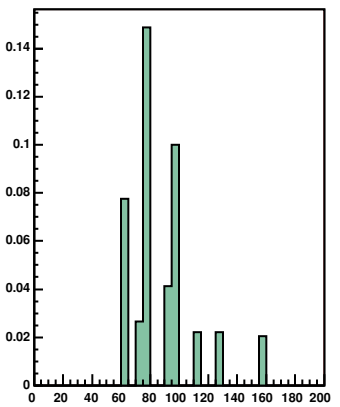
Zmumu-Lead jet Et for one jet in ALL in Nm1 Jet cut



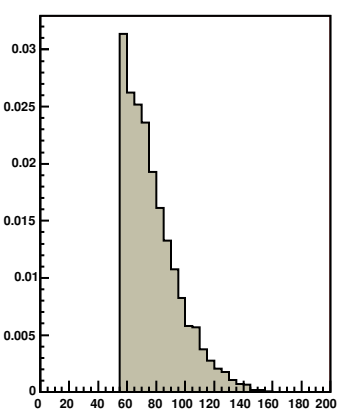
Ztautau-Lead jet Et for one jet in ALL in Nm1 Jet cut



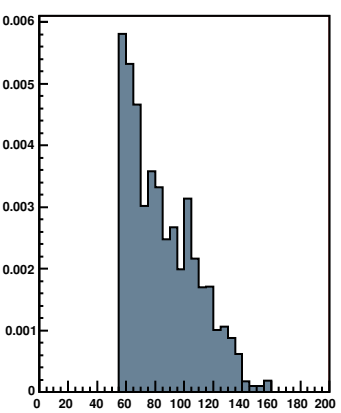
fake-Lead jet Et for one jet in ALL in Nm1 Jet cut



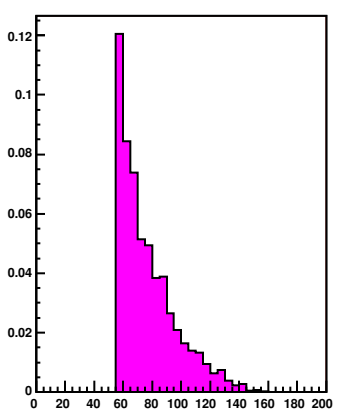
WZ-Lead jet Et for one jet in ALL in Nm1 Jet cut



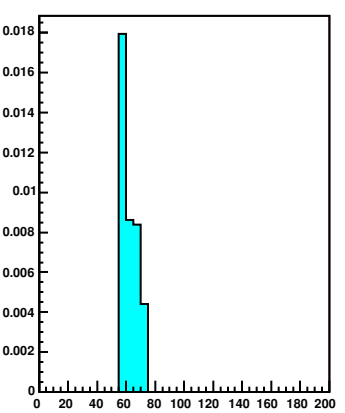
ZZ-Lead jet Et for one jet in ALL in Nm1 Jet cut



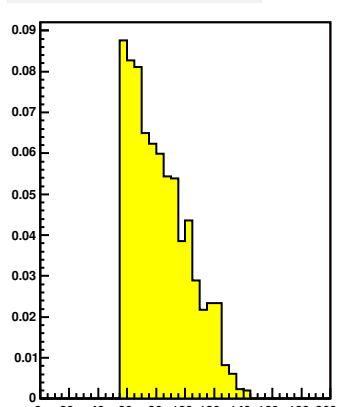
WW-Lead jet Et for one jet in ALL in Nm1 Jet cut



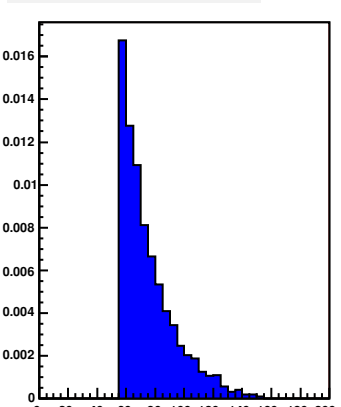
wgamma-Lead jet Et for one jet in ALL in Nm1 Jet cut



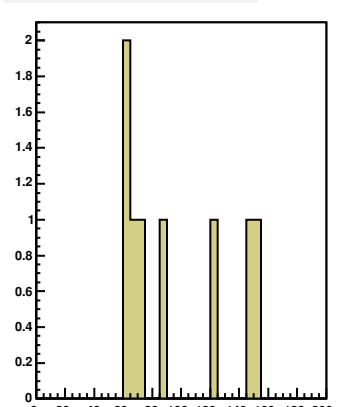
ttbar-Lead jet Et for one jet in ALL in Nm1 Jet cut



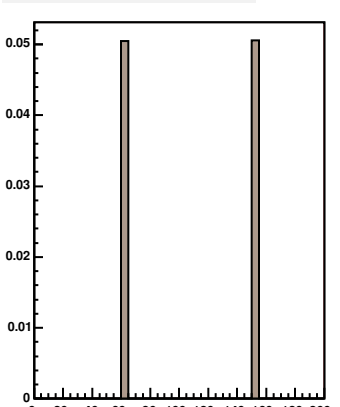
higgsww-Lead jet Et for one jet in ALL in Nm1 Jet cut



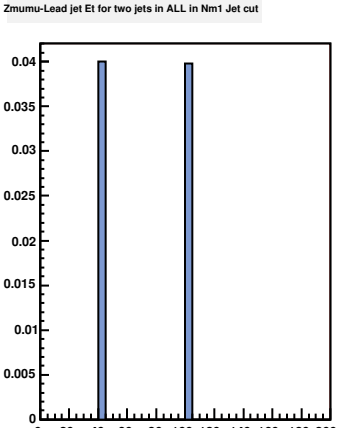
data-Lead jet Et for one jet in ALL in Nm1 Jet cut



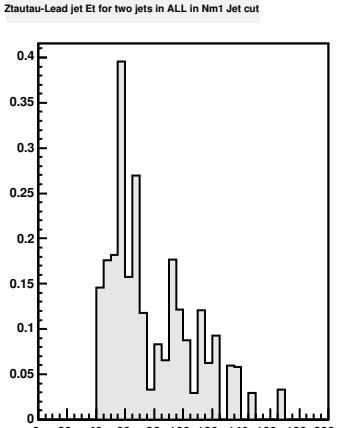
Zee-Lead jet Et for two jets in ALL in Nm1 Jet cut



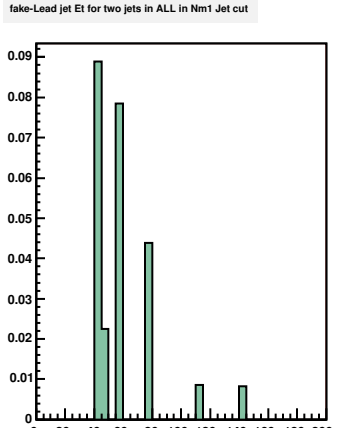
Zmumu-Lead jet Et for two jets in ALL in Nm1 Jet cut



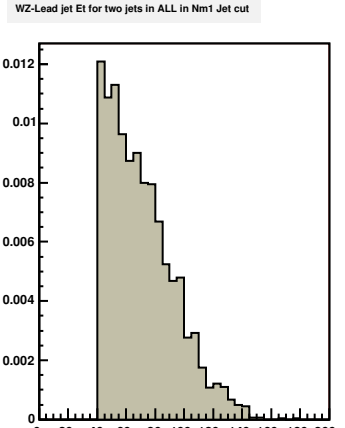
Ztautau-Lead jet Et for two jets in ALL in Nm1 Jet cut



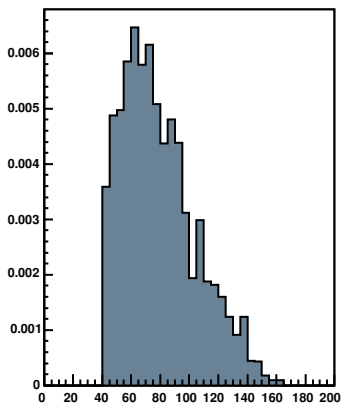
fake-Lead jet Et for two jets in ALL in Nm1 Jet cut



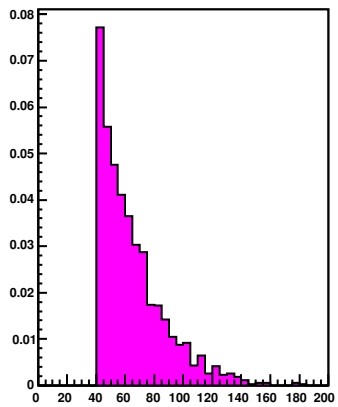
WZ-Lead jet Et for two jets in ALL in Nm1 Jet cut



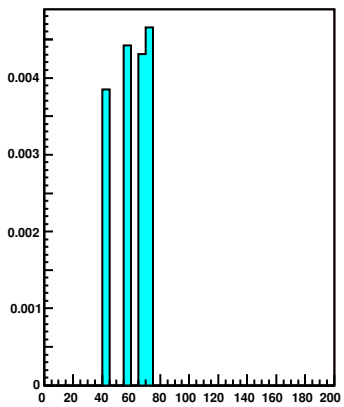
ZZ-Lead jet Et for two jets in ALL in Nm1 Jet cut



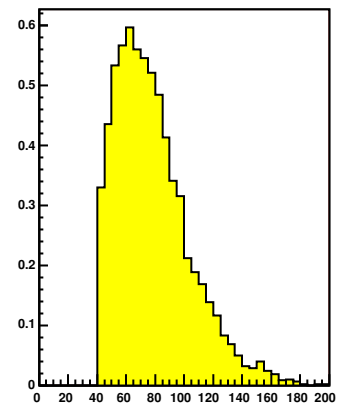
WW-Lead jet Et for two jets in ALL in Nm1 Jet cut



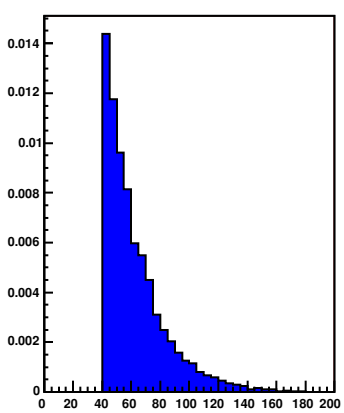
wgamma-Lead jet Et for two jets in ALL in Nm1 Jet cut



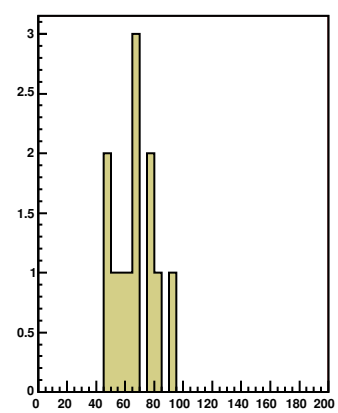
ttbar-Lead jet Et for two jets in ALL in Nm1 Jet cut



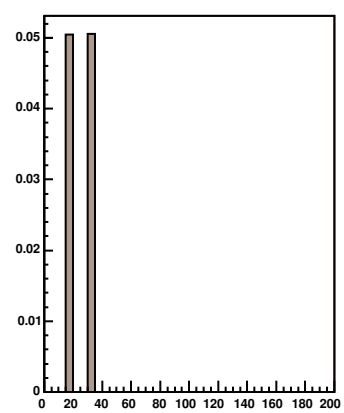
higgsww-Lead jet Et for two jets in ALL in Nm1 Jet cut



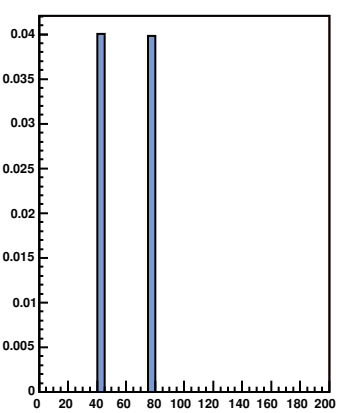
data-Lead jet Et for two jets in ALL in Nm1 Jet cut



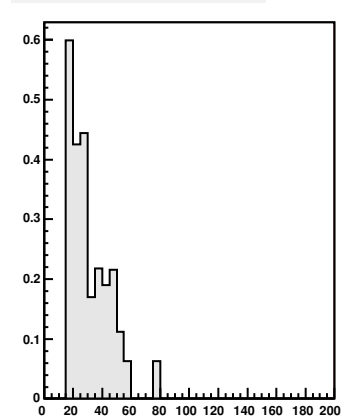
Zee-Second jet Et for two jets in ALL in Nm1 Jet cut



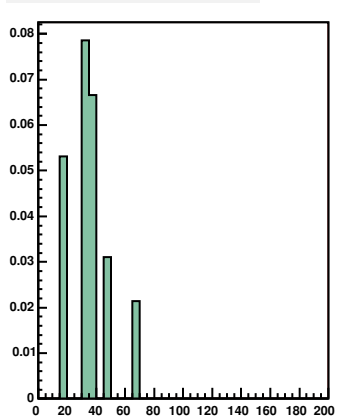
Zmumu-Second jet Et for two jets in ALL in Nm1 Jet cut



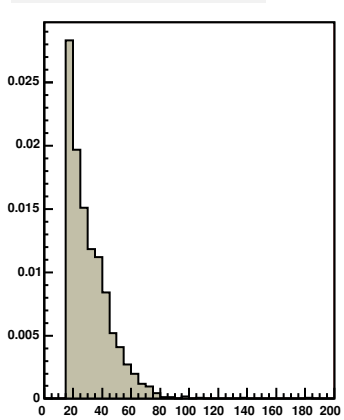
Ztautau-Second jet Et for two jets in ALL in Nm1 Jet cut



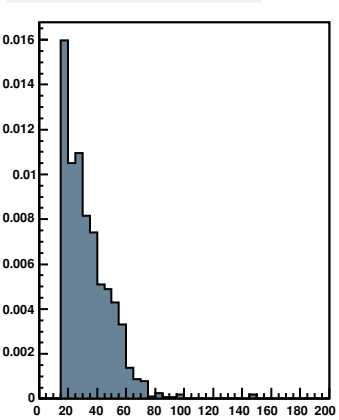
fake-Second jet Et for two jets in ALL in Nm1 Jet cut



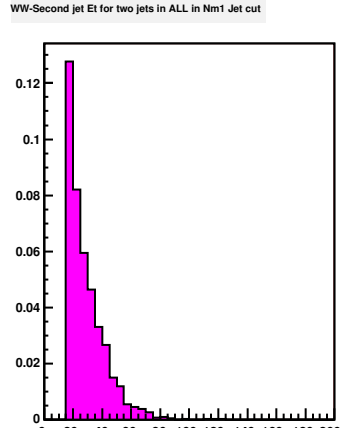
WZ-Second jet Et for two jets in ALL in Nm1 Jet cut



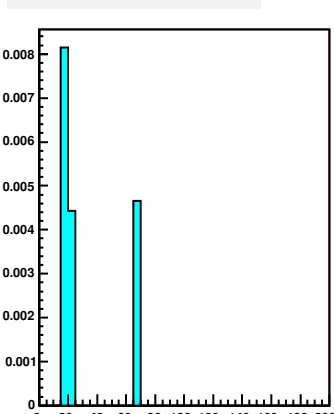
ZZ-Second jet Et for two jets in ALL in Nm1 Jet cut



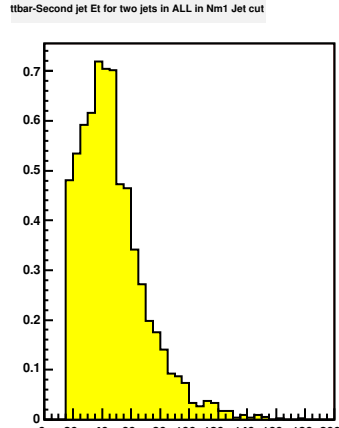
WW-Second jet Et for two jets in ALL in Nm1 Jet cut



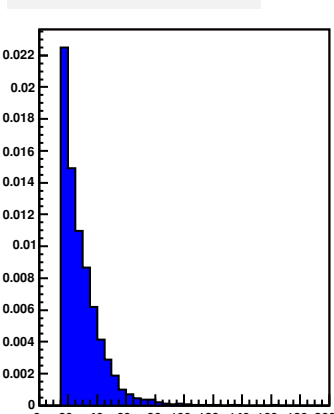
wgamma-Second jet Et for two jets in ALL in Nm1 Jet cut



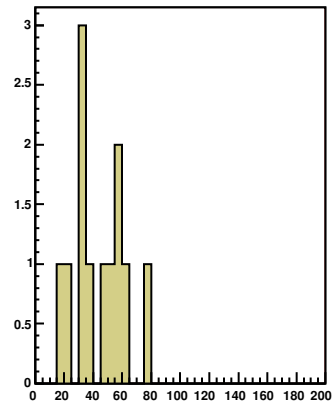
ttbar-Second jet Et for two jets in ALL in Nm1 Jet cut



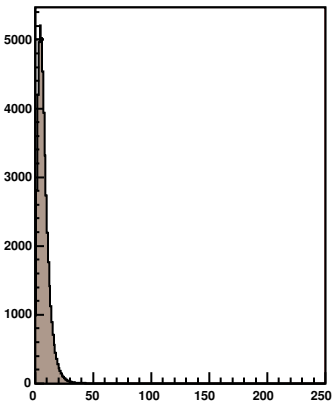
higgsww-Second jet Et for two jets in ALL in Nm1 Jet cut



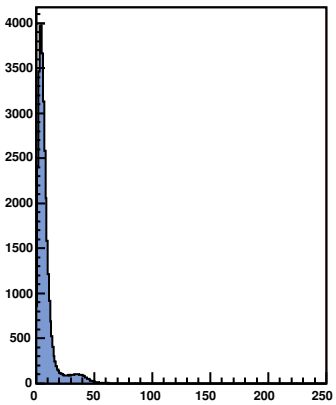
data-Second jet Et for two jets in ALL in Nm1 Jet cut



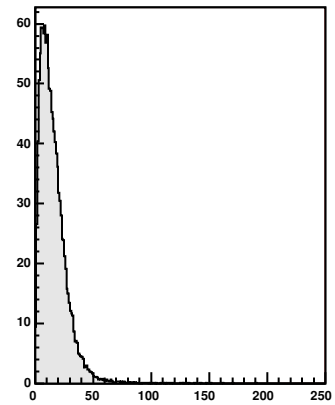
Zee-Missing Et



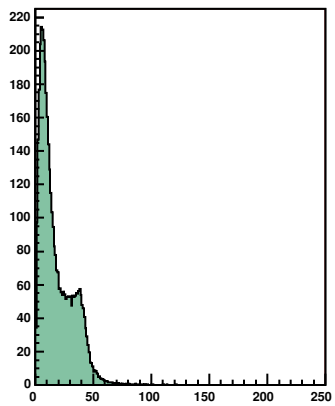
Zmumu-Missing Et



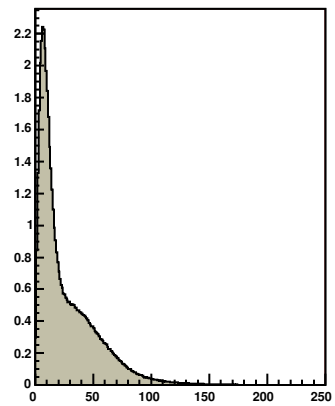
Ztautau-Missing Et



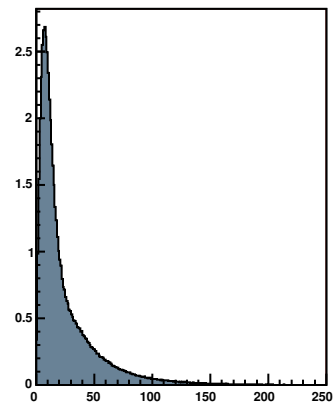
fake-Missing Et



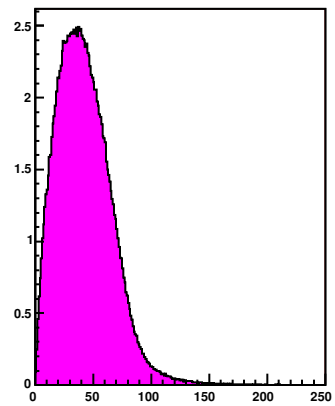
WZ-Missing Et



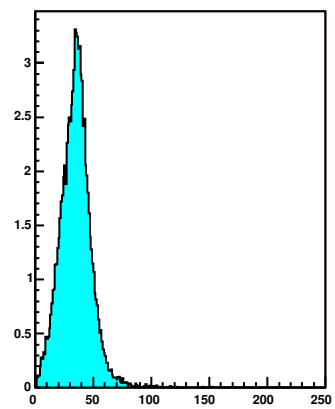
ZZ-Missing Et



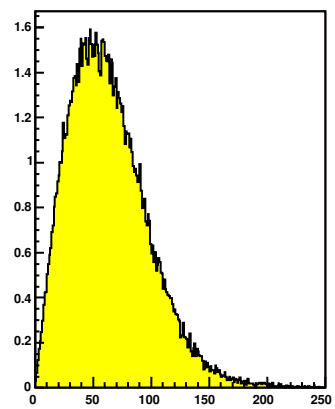
WW-Missing Et



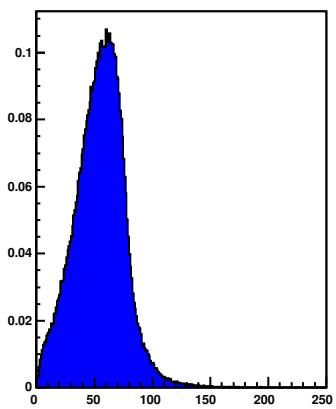
wgamma-Missing Et



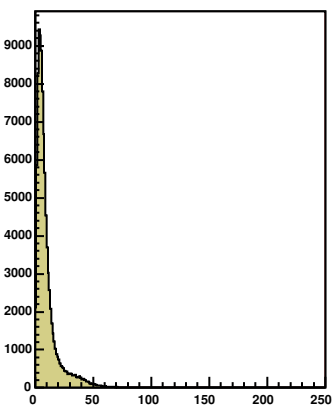
ttbar-Missing Et



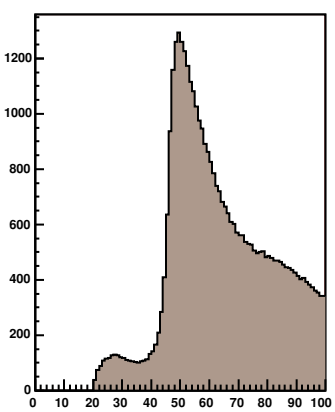
higgsww-Missing Et



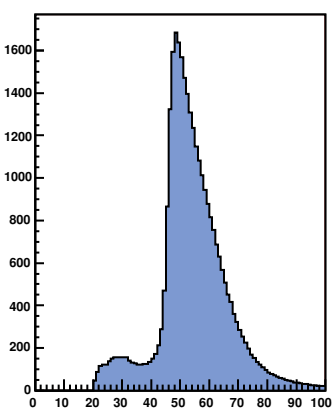
data-Missing Et



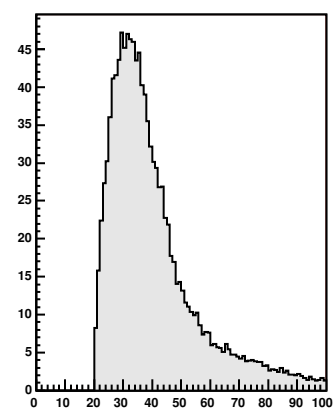
Zee-highest lepton Et in ALL



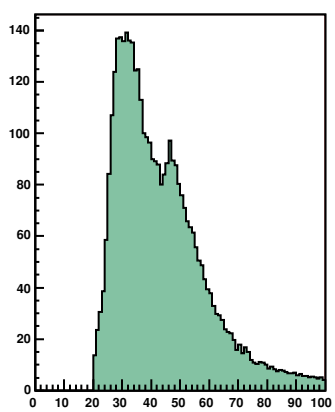
Zmumu-highest lepton Et in ALL



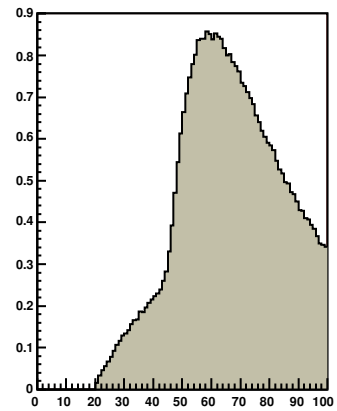
Ztautau-highest lepton Et in ALL



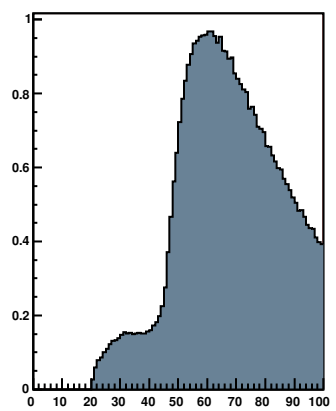
fake-highest lepton Et in ALL



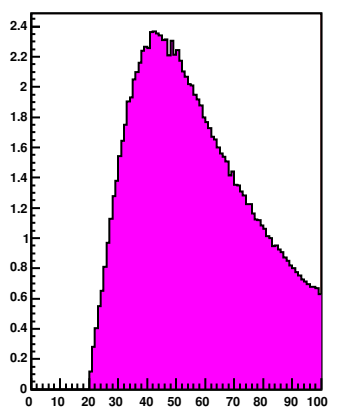
WZ-highest lepton Et in ALL



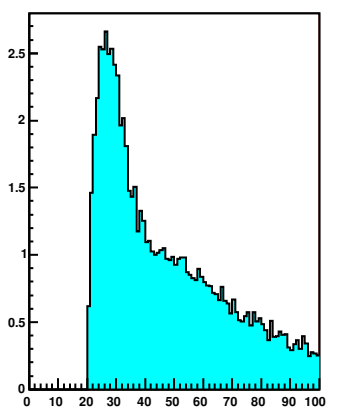
ZZ-highest lepton Et in ALL



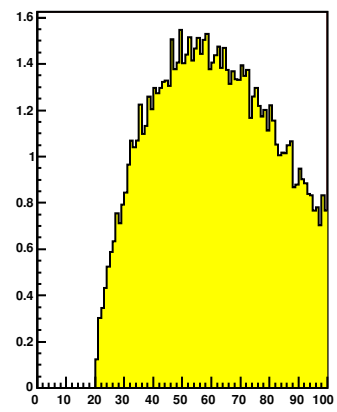
WW-highest lepton Et in ALL



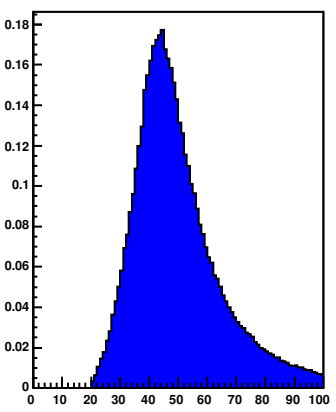
wgamma-highest lepton Et in ALL



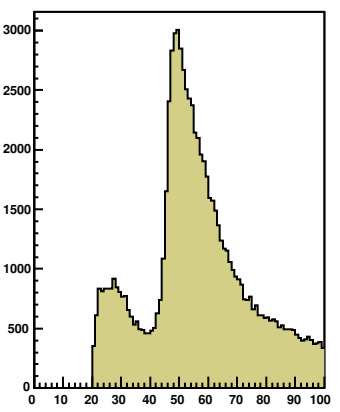
ttbar-highest lepton Et in ALL



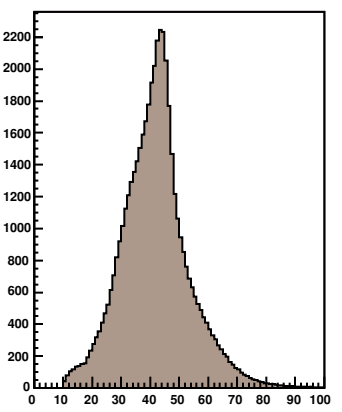
higgsww-highest lepton Et in ALL



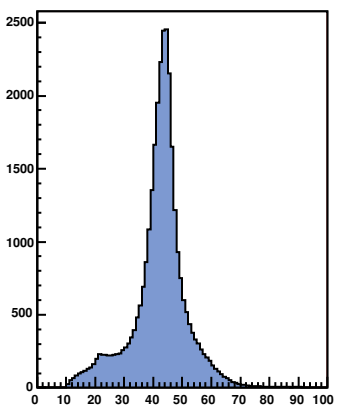
data-highest lepton Et in ALL



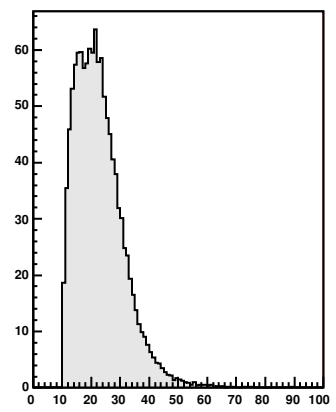
Zee-secondhighest lepton Et in ALL



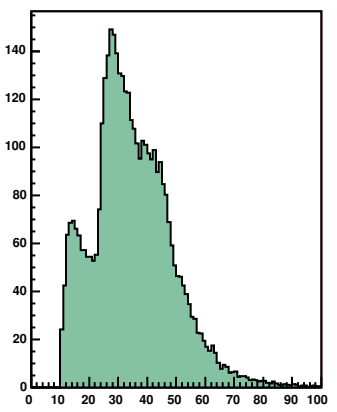
Zmumu-secondhighest lepton Et in ALL



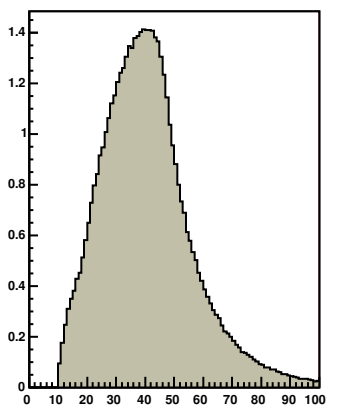
Ztautau-secondhighest lepton Et in ALL



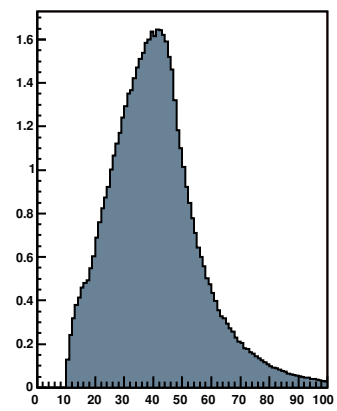
fake-secondhighest lepton Et in ALL



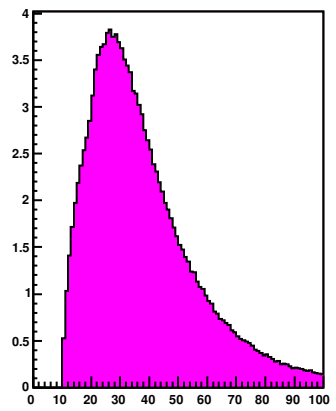
WZ-secondhighest lepton Et in ALL



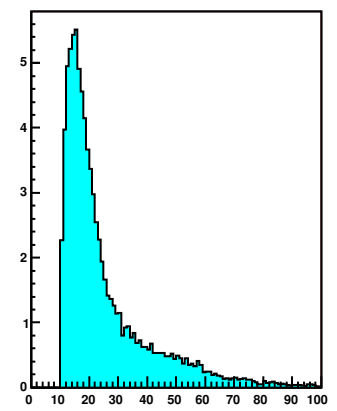
ZZ-secondhighest lepton Et in ALL



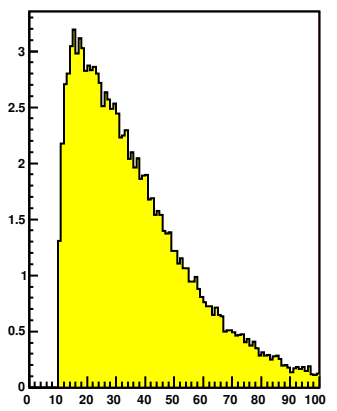
WW-secondhighest lepton Et in ALL



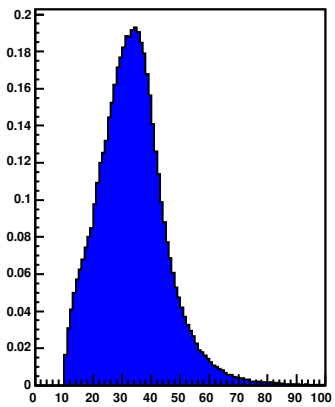
wgamma-secondhighest lepton Et in ALL



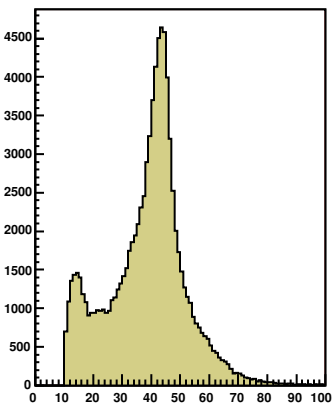
ttbar-secondhighest lepton Et in ALL



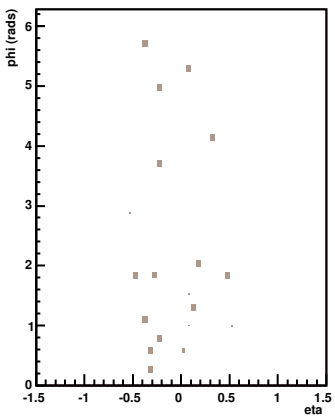
higgsww-secondhighest lepton Et in ALL



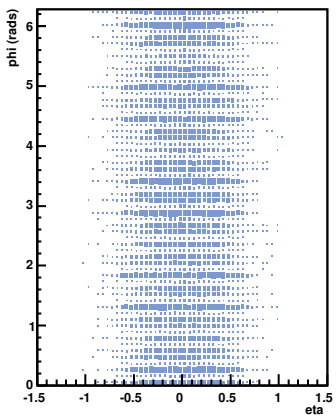
data-secondhighest lepton Et in ALL



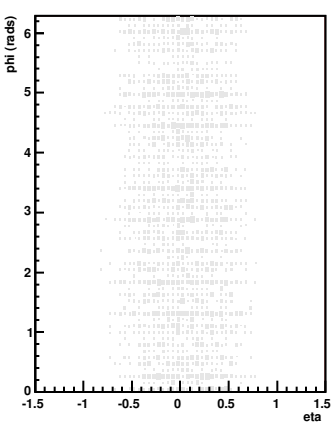
Zee-CMP EtaPhi in ALL



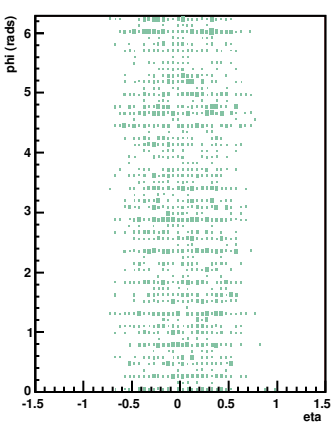
Zmumu-CMP EtaPhi in ALL



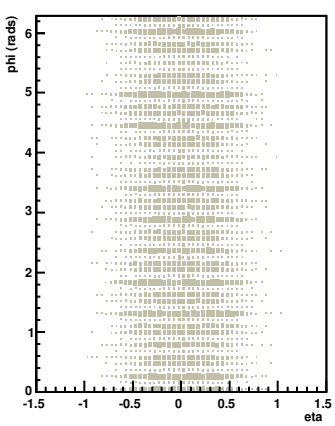
Ztautau-CMP EtaPhi in ALL



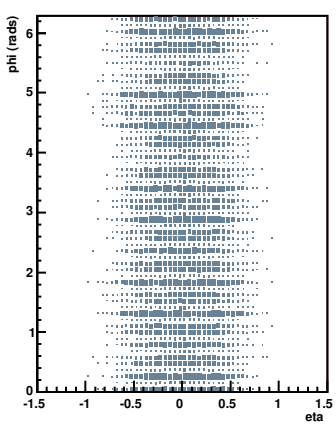
fake-CMP EtaPhi in ALL



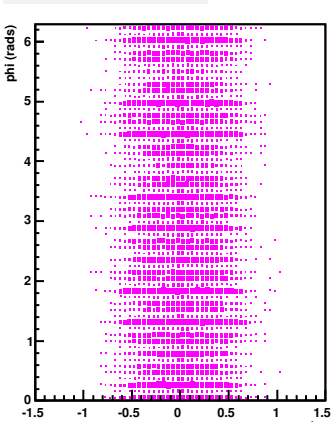
WZ-CMP EtaPhi in ALL



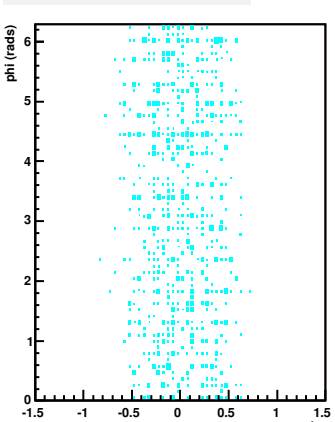
ZZ-CMP EtaPhi in ALL



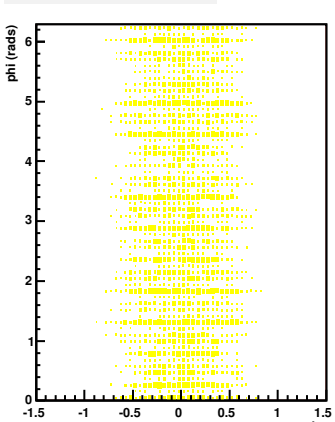
WW-CMP EtaPhi in ALL



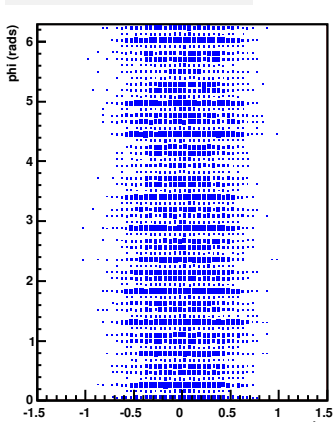
wgamma-CMP EtaPhi in ALL



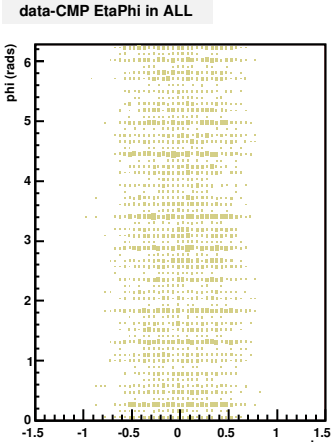
ttbar-CMP EtaPhi in ALL



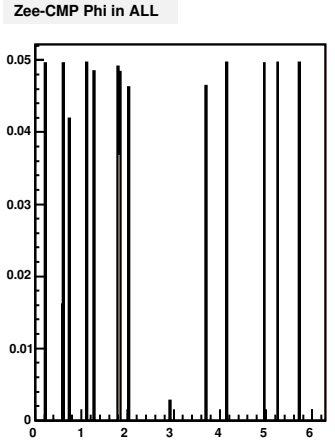
higgsww-CMP EtaPhi in ALL



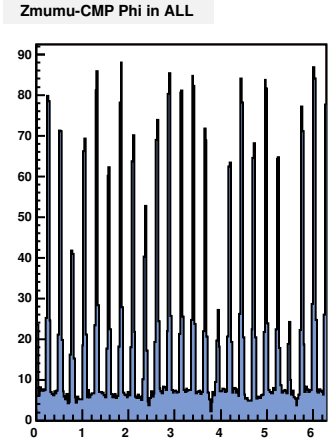
data-CMP EtaPhi in ALL



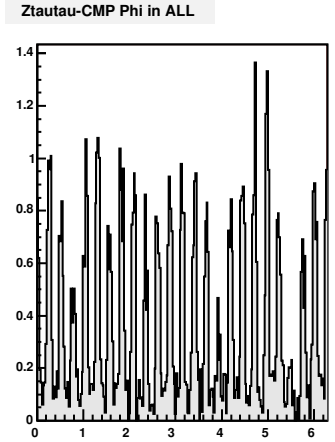
Zee-CMP Phi in ALL



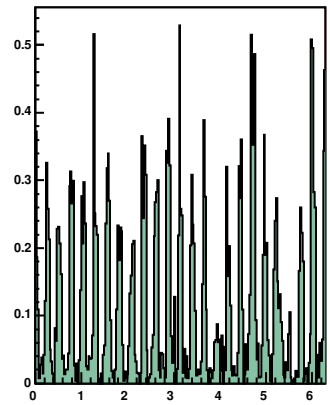
Zmumu-CMP Phi in ALL



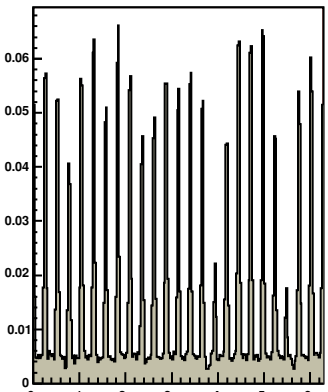
Ztautau-CMP Phi in ALL



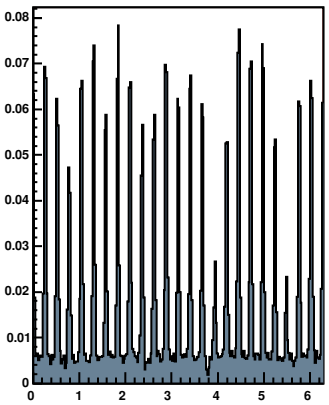
fake-CMP Phi in ALL



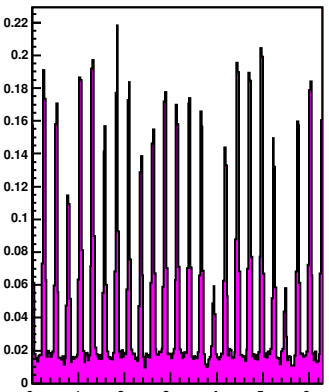
WZ-CMP Phi in ALL



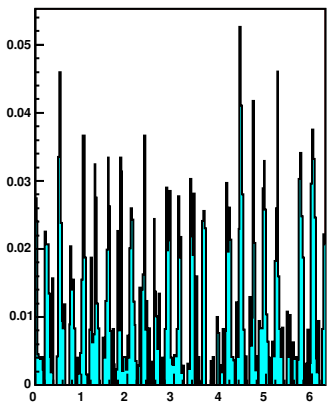
ZZ-CMP Phi in ALL



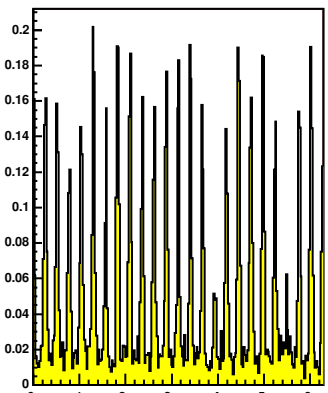
WW-CMP Phi in ALL



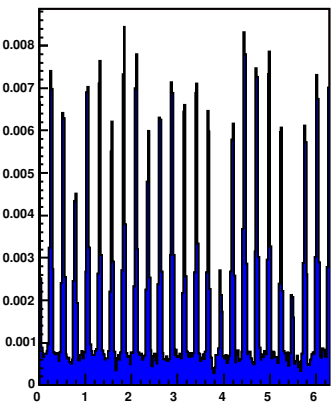
wgamma-CMP Phi in ALL



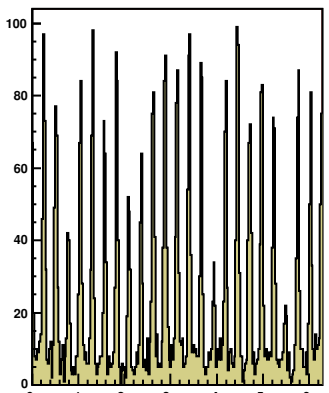
ttbar-CMP Phi in ALL



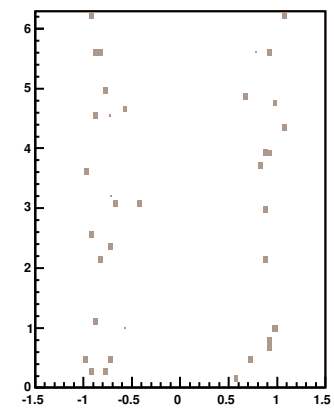
higgsww-CMP Phi in ALL



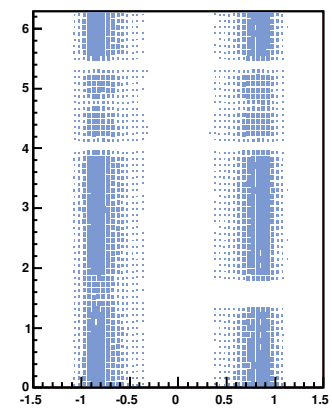
data-CMP Phi in ALL



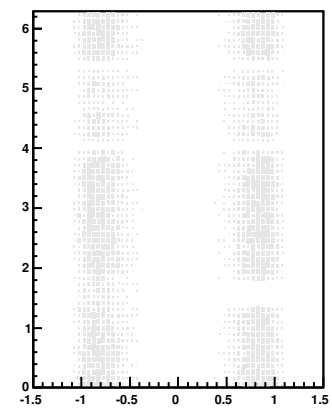
Zee-CMX EtaPhi in ALL



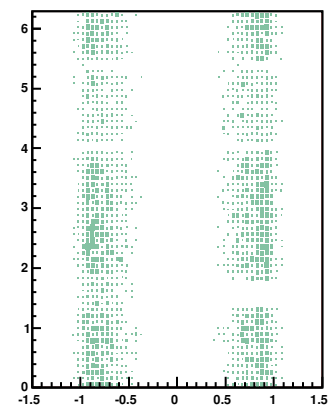
Zmumu-CMX EtaPhi in ALL



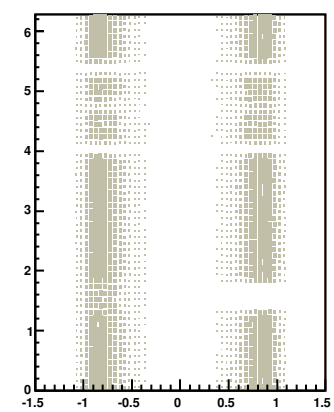
Ztautau-CMX EtaPhi in ALL



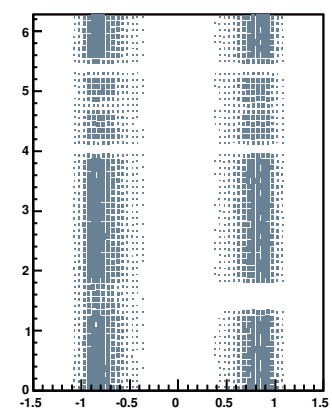
fake-CMX EtaPhi in ALL



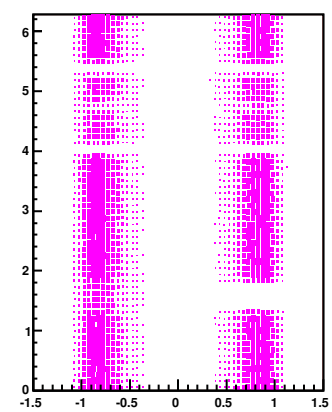
WZ-CMX EtaPhi in ALL



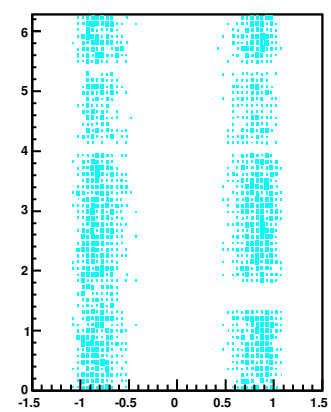
ZZ-CMX EtaPhi in ALL



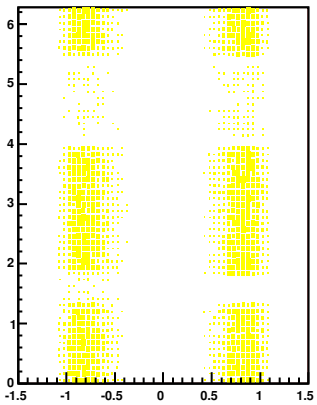
WW-CMX EtaPhi in ALL



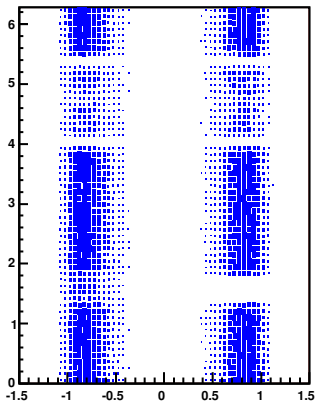
wgamma-CMX EtaPhi in ALL



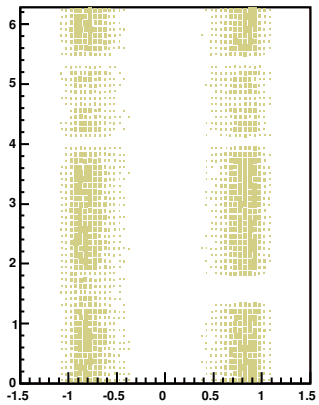
ttbar-CMX EtaPhi in ALL



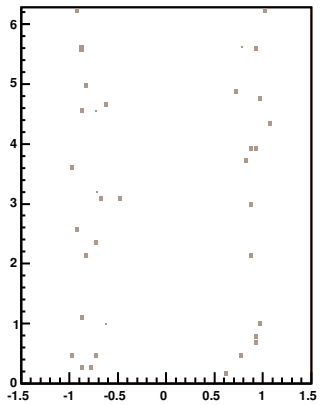
higgsww-CMX EtaPhi in ALL



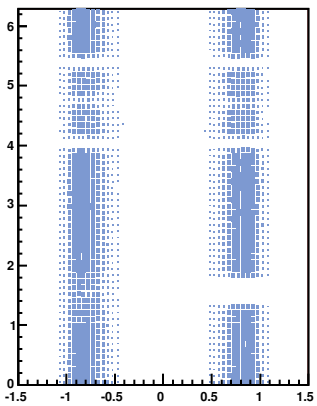
data-CMX EtaPhi in ALL



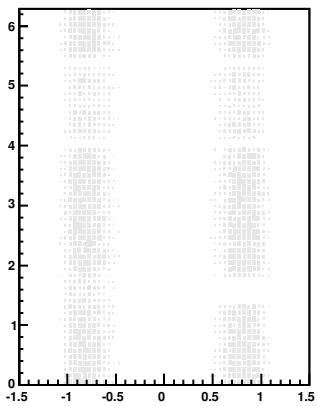
Zee-CMX DeanEtaPhi in ALL



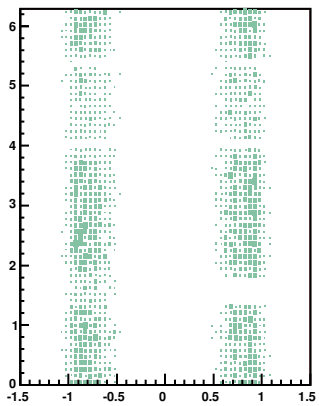
Zmumu-CMX DeanEtaPhi in ALL



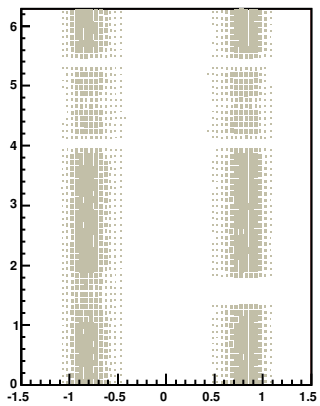
Ztautau-CMX DeanEtaPhi in ALL



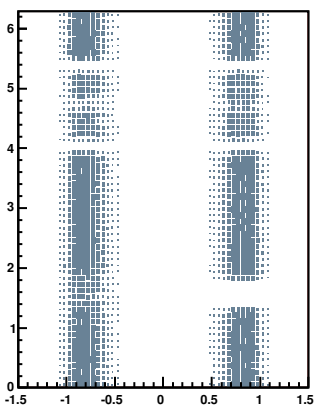
fake-CMX DeanEtaPhi in ALL



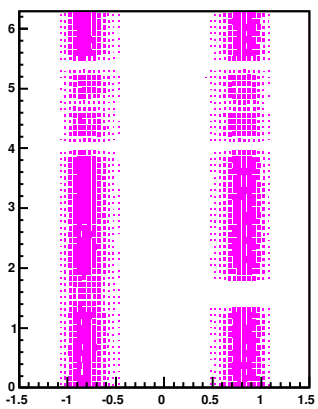
WZ-CMX DeanEtaPhi in ALL



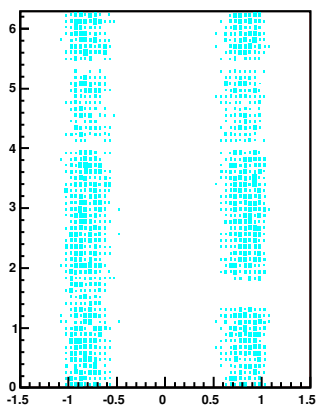
ZZ-CMX DeanEtaPhi in ALL



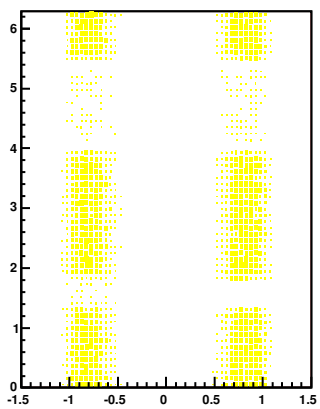
WW-CMX DeanEtaPhi in ALL



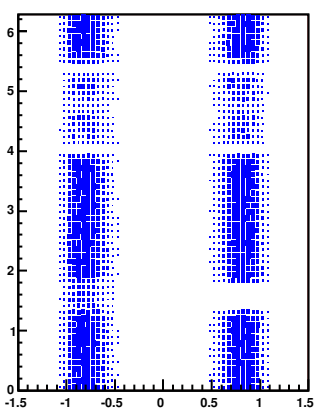
wgamma-CMX DeanEtaPhi in ALL



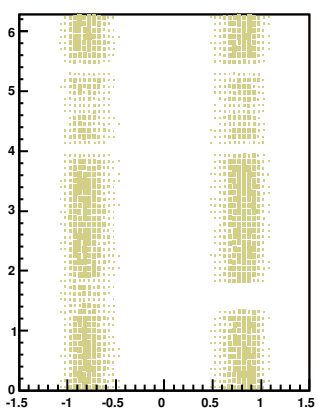
ttbar-CMX DeanEtaPhi in ALL



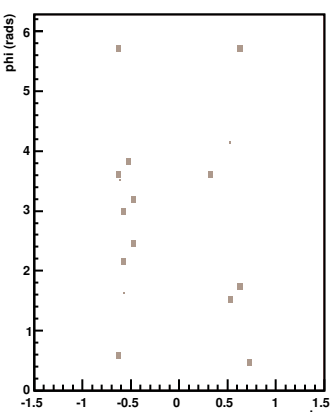
higgsww-CMX DeanEtaPhi in ALL



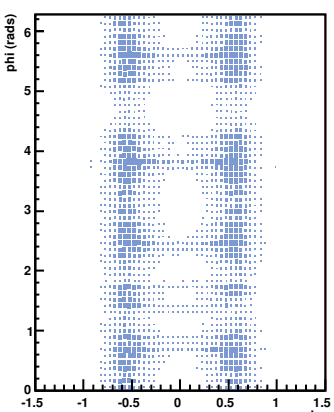
data-CMX DeanEtaPhi in ALL



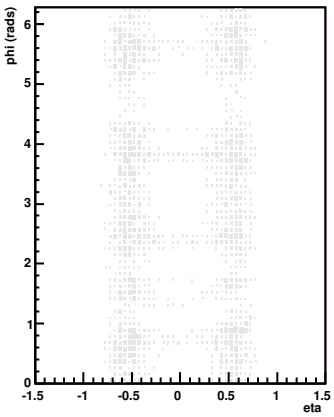
Zee-CMU EtaPhi in ALL



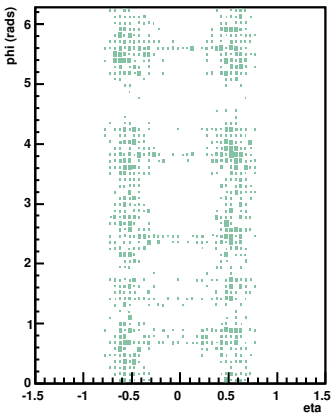
Zmumu-CMU EtaPhi in ALL



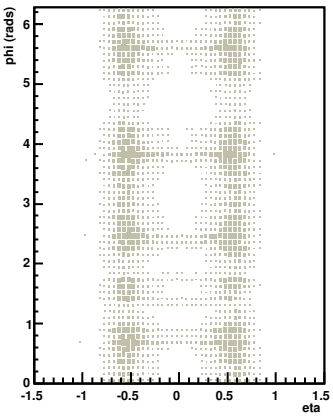
Ztautau-CMU EtaPhi in ALL



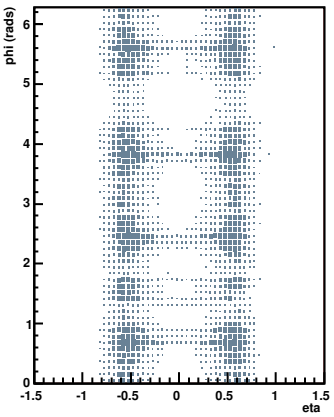
fake-CMU EtaPhi in ALL



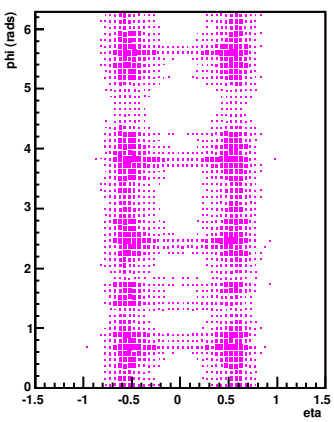
WZ-CMU EtaPhi in ALL



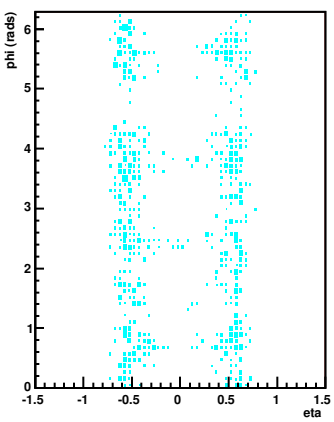
ZZ-CMU EtaPhi in ALL



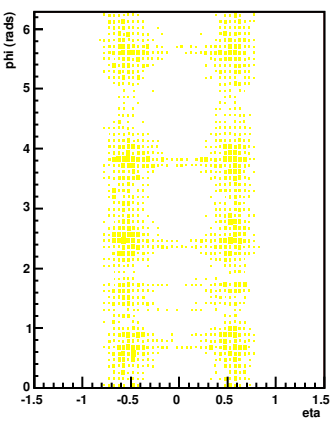
WW-CMU EtaPhi in ALL



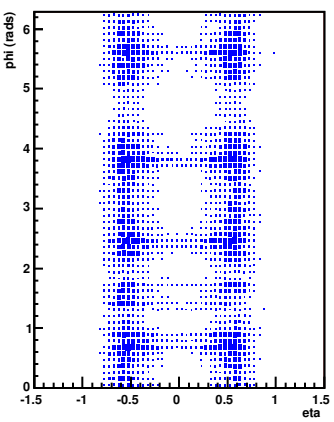
wgamma-CMU EtaPhi in ALL



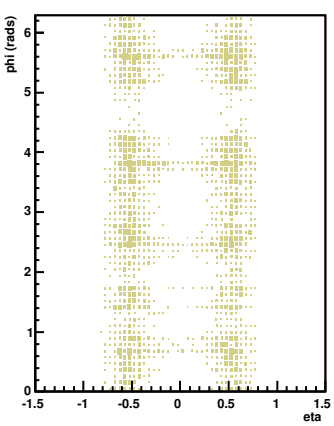
ttbar-CMU EtaPhi in ALL



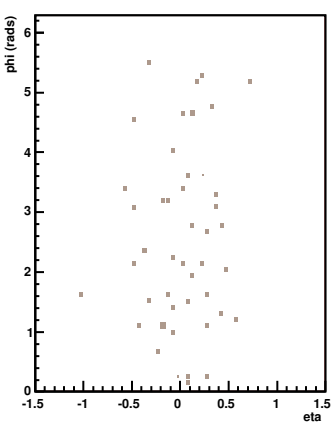
higgsww-CMU EtaPhi in ALL



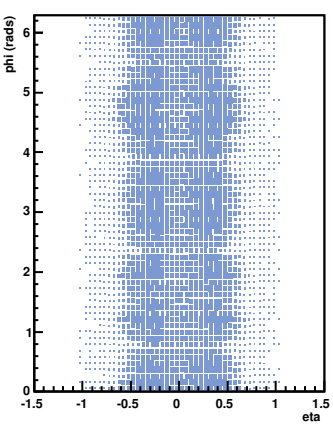
data-CMU EtaPhi in ALL



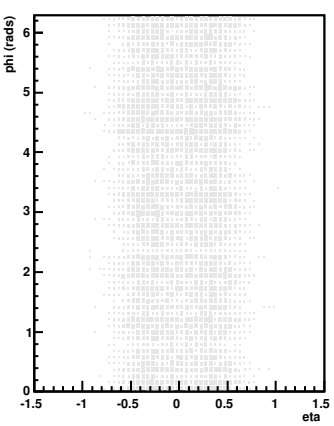
Zee-CMUP EtaPhi in ALL



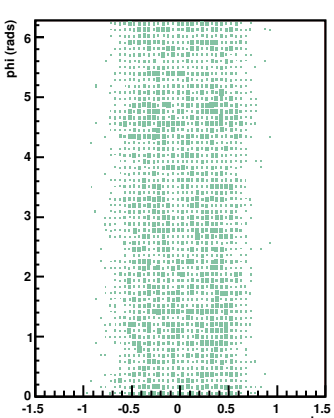
Zmumu-CMUP EtaPhi in ALL



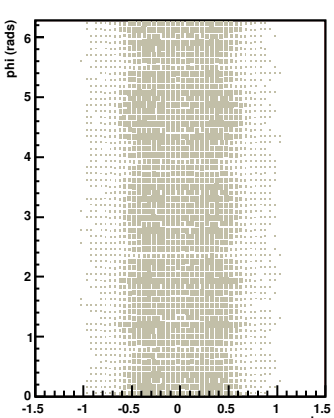
Ztautau-CMUP EtaPhi in ALL



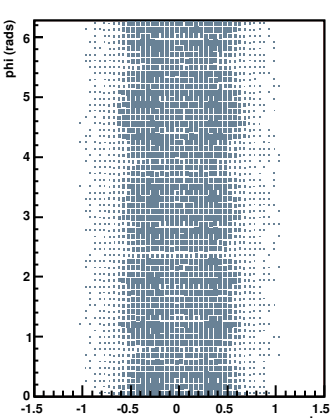
fake-CMUP EtaPhi in ALL



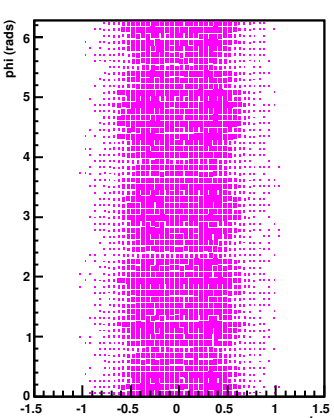
WZ-CMUP EtaPhi in ALL



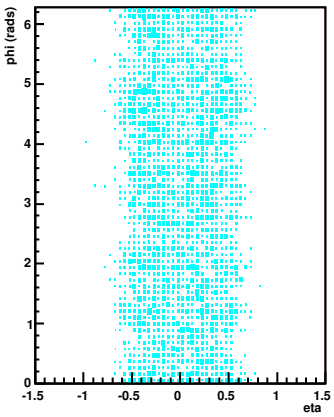
ZZ-CMUP EtaPhi in ALL



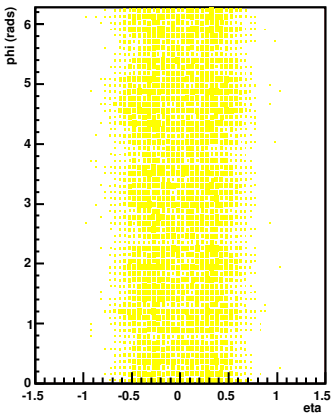
WW-CMUP EtaPhi in ALL



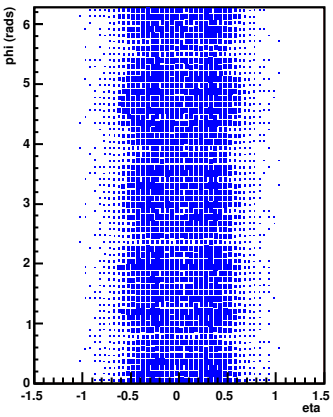
wgamma-CMUP EtaPhi in ALL



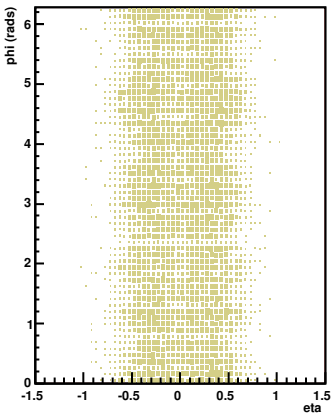
ttbar-CMUP EtaPhi in ALL



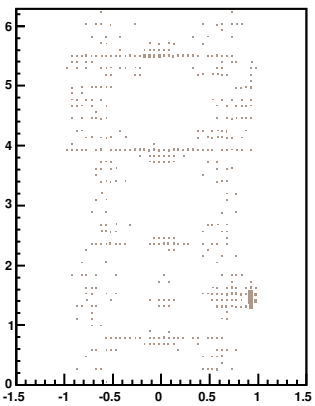
higgsww-CMUP EtaPhi in ALL



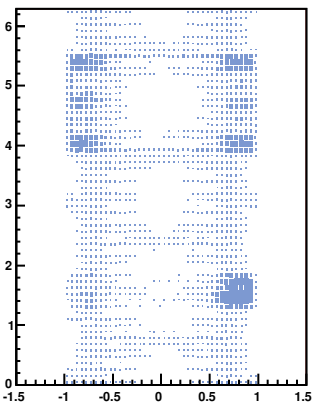
data-CMUP EtaPhi in ALL



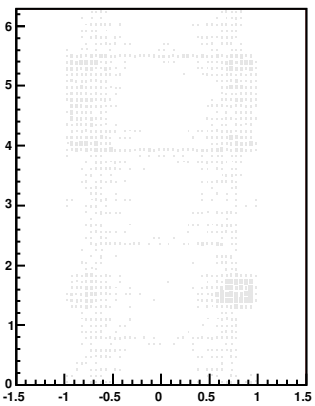
Zee-CMIO EtaPhi in ALL



Zmumu-CMIO EtaPhi in ALL

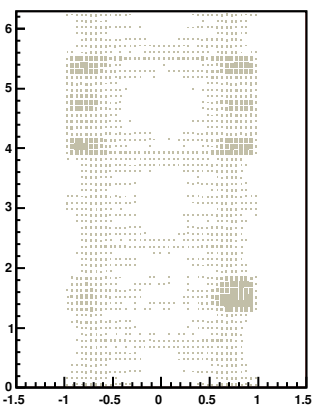


Ztautau-CMIO EtaPhi in ALL

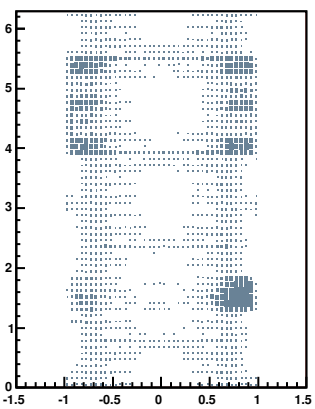


fake-CMIO EtaPhi in ALL

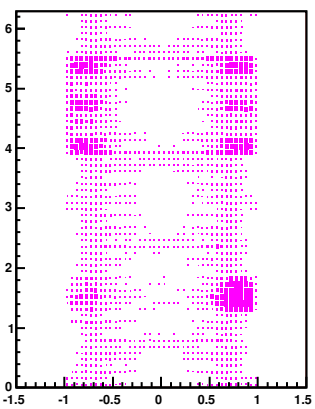
WZ-CMIO EtaPhi in ALL



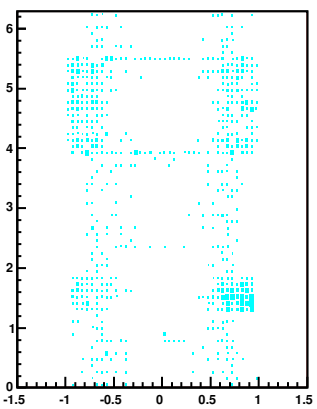
ZZ-CMIO EtaPhi in ALL



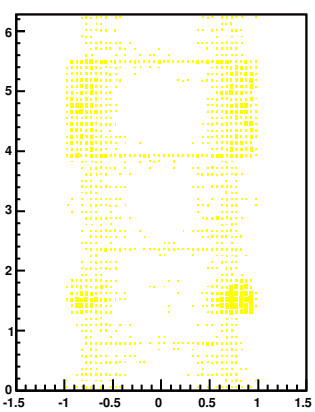
WW-CMIO EtaPhi in ALL



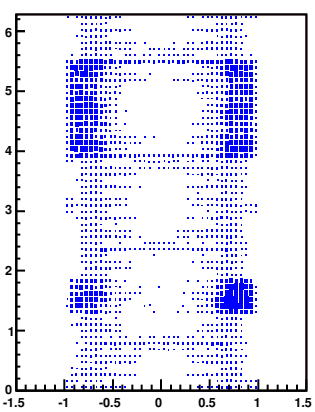
wgamma-CMIO EtaPhi in ALL



ttbar-CMIO EtaPhi in ALL

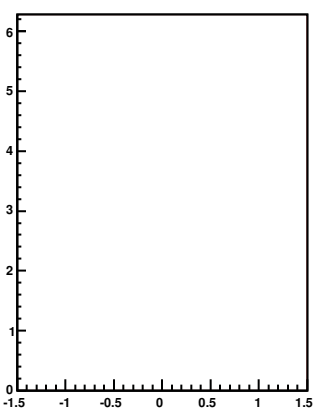


higgsww-CMIO EtaPhi in ALL

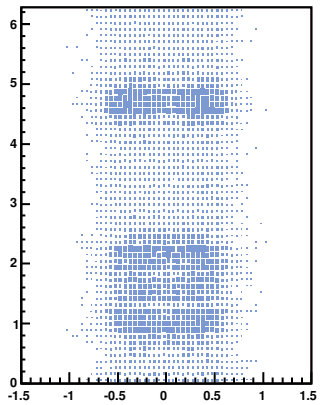


data-CMIO EtaPhi in ALL

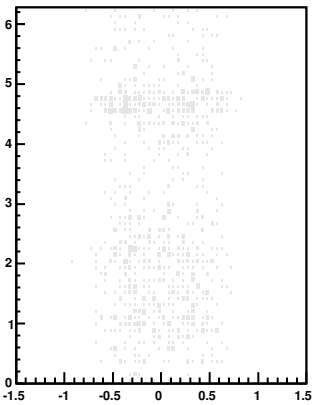
Zee-CMUP_CMIO EtaPhi of CMUP in ALL



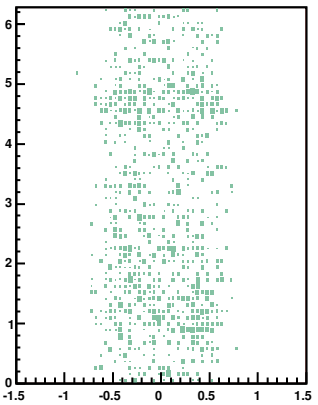
Zmumu-CMUP_CMIO EtaPhi of CMUP in ALL



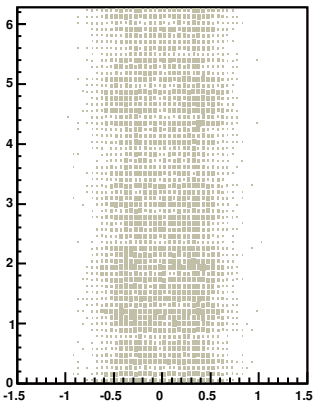
Ztautau-CMUP_CMIO EtaPhi of CMUP in ALL



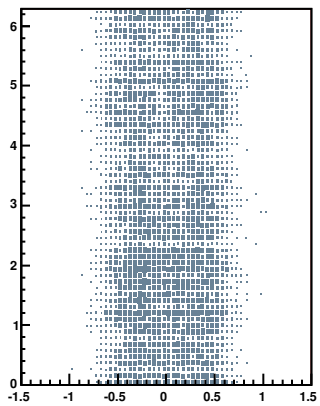
fake-CMUP_CMIO EtaPhi of CMUP in ALL



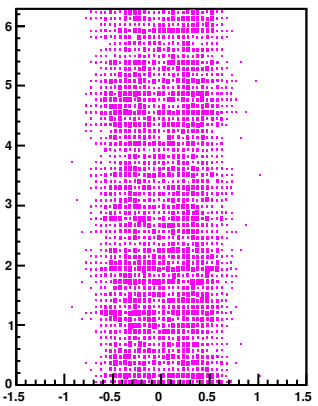
WZ-CMUP_CMIO EtaPhi of CMUP in ALL



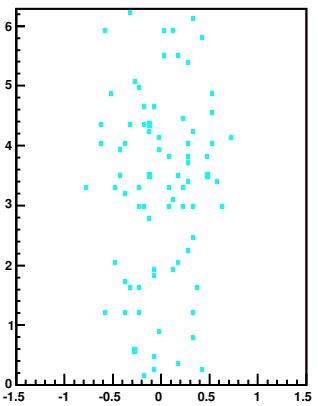
ZZ-CMUP_CMIO EtaPhi of CMUP in ALL



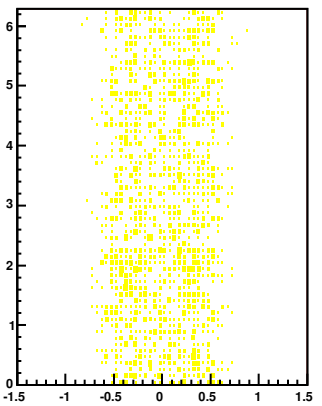
WW-CMUP_CMIO EtaPhi of CMUP in ALL



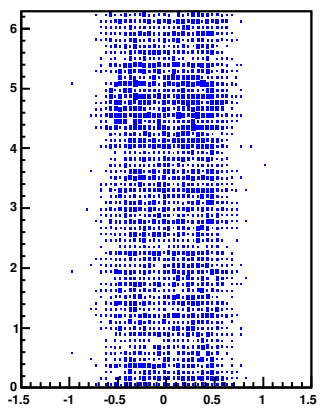
wgamma-CMUP_CMIO EtaPhi of CMUP in ALL



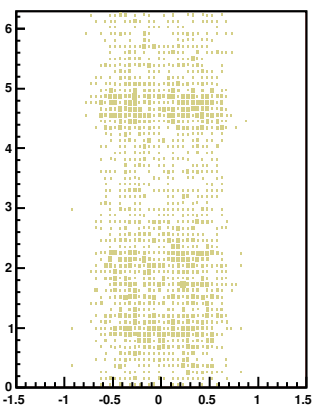
ttbar-CMUP_CMIO EtaPhi of CMUP in ALL



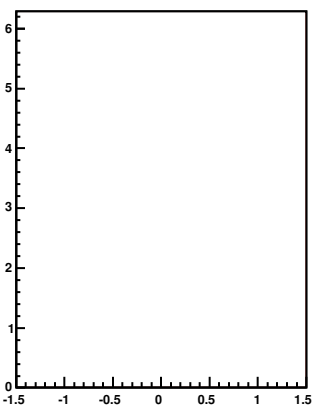
higgsww-CMUP_CMIO EtaPhi of CMUP in ALL



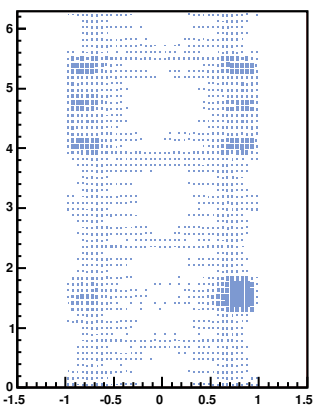
data-CMUP_CMIO EtaPhi of CMUP in ALL



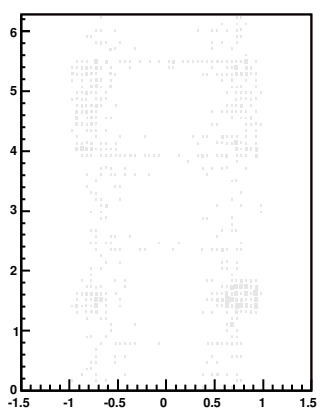
Zee-CMUP_CMIO EtaPhi of CMIO in ALL



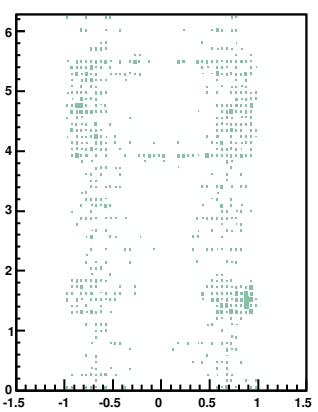
Zmumu-CMUP_CMIO EtaPhi of CMIO in ALL



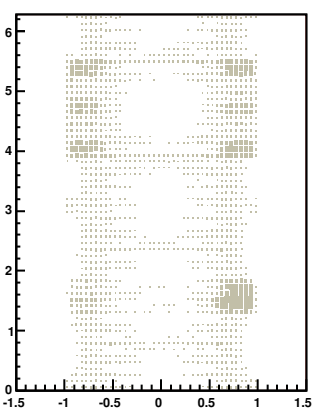
Ztautau-CMUP_CMIO EtaPhi of CMIO in ALL



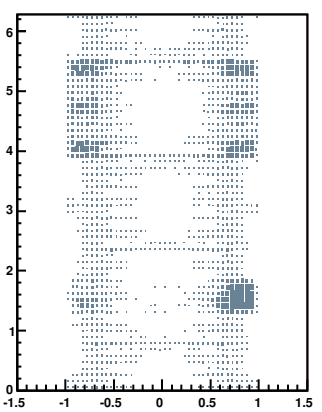
fake-CMUP_CMIO EtaPhi of CMIO in ALL



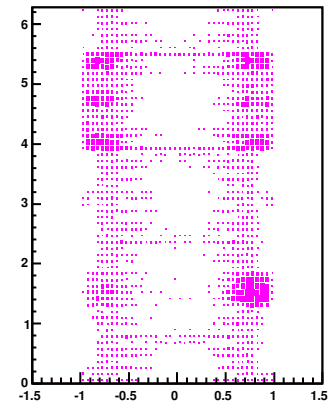
WZ-CMUP_CMIO EtaPhi of CMIO in ALL



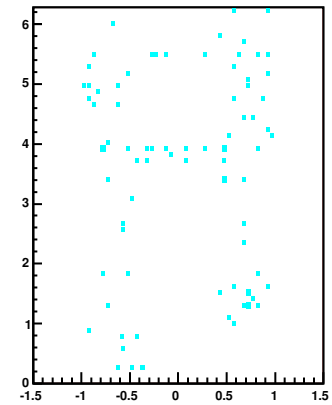
ZZ-CMUP_CMIO EtaPhi of CMIO in ALL



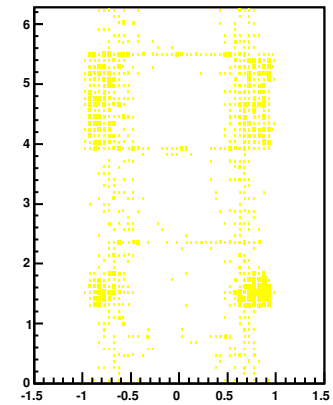
WW-CMUP_CMIO EtaPhi of CMIO in ALL



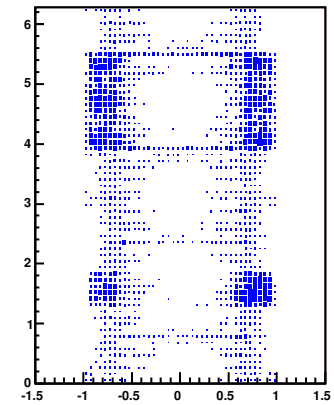
wgamma-CMUP_CMIO EtaPhi of CMIO in ALL



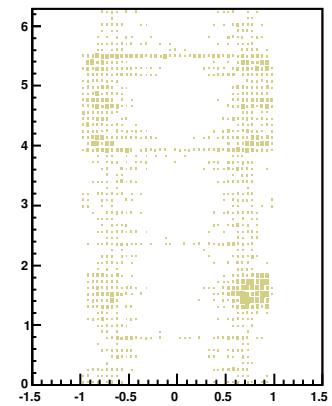
ttbar-CMUP_CMIO EtaPhi of CMIO in ALL



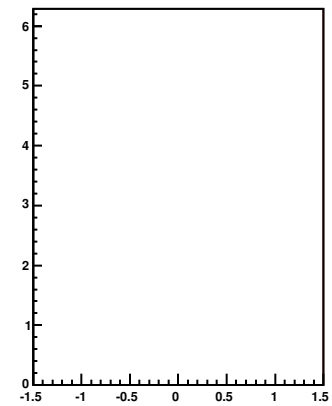
higgsww-CMUP_CMIO EtaPhi of CMIO in ALL



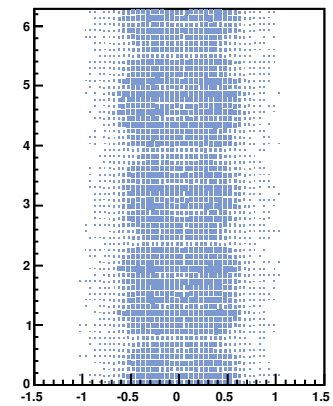
data-CMUP_CMIO EtaPhi of CMIO in ALL



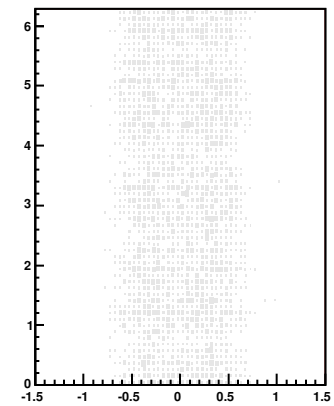
Zee-CMUP_CMUP EtaPhi of CMUP in ALL



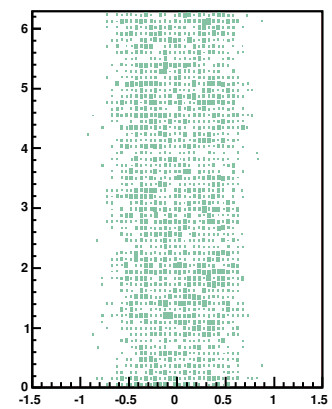
Zmumu-CMUP_CMUP EtaPhi of CMUP in ALL



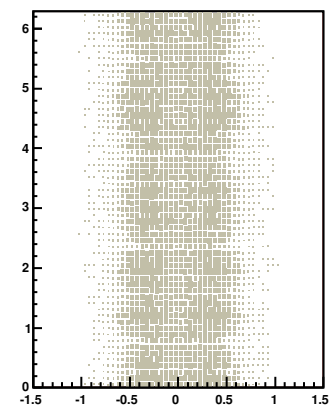
Ztautau-CMUP_CMUP EtaPhi of CMUP in ALL



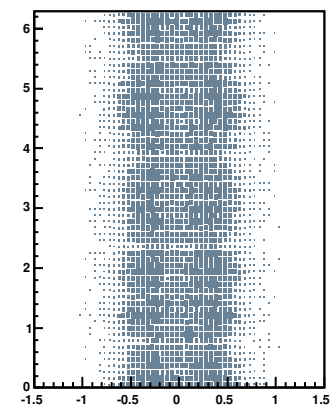
fake-CMUP_CMUP EtaPhi of CMUP in ALL



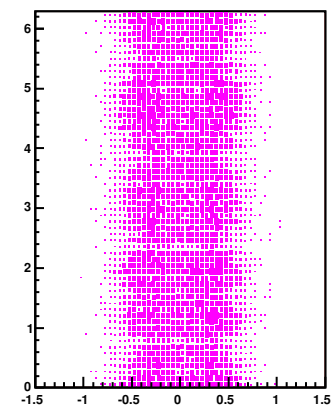
WZ-CMUP_CMUP EtaPhi of CMUP in ALL



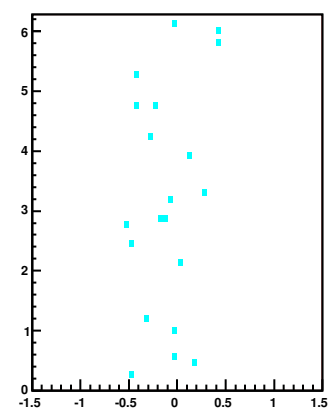
ZZ-CMUP_CMUP EtaPhi of CMUP in ALL



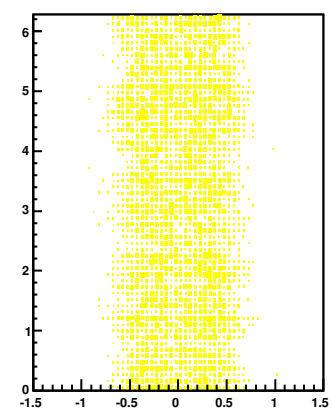
WW-CMUP_CMUP EtaPhi of CMUP in ALL



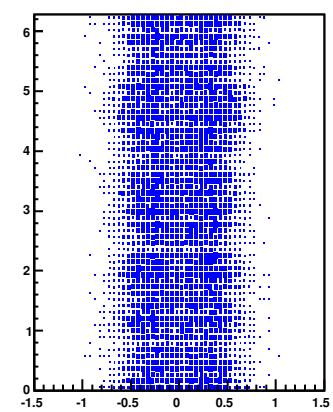
wgamma-CMUP_CMUP EtaPhi of CMUP in ALL



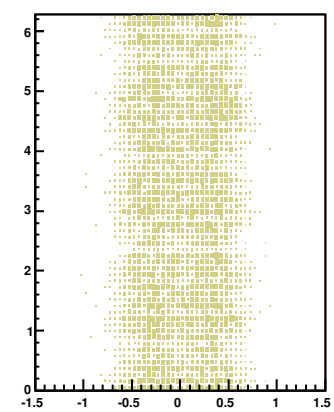
ttbar-CMUP_CMUP EtaPhi of CMUP in ALL



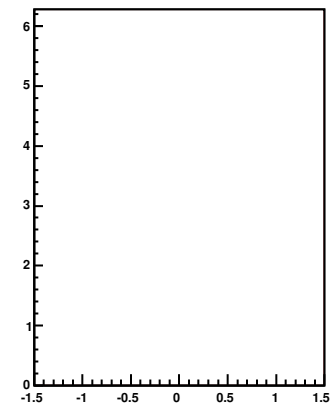
higgsww-CMUP_CMUP EtaPhi of CMUP in ALL



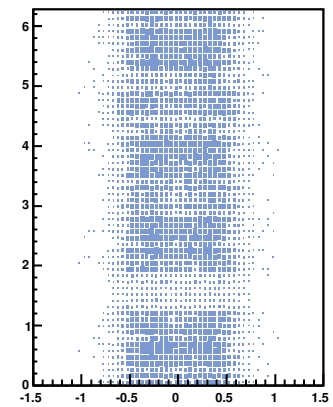
data-CMUP_CMUP EtaPhi of CMUP in ALL



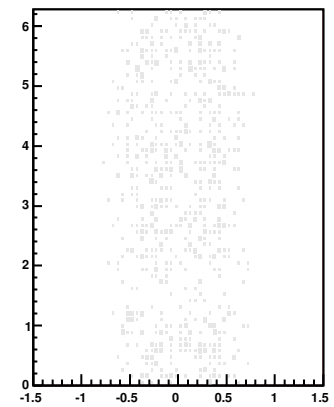
Zee-CMUP_CMU EtaPhi of CMUP in ALL



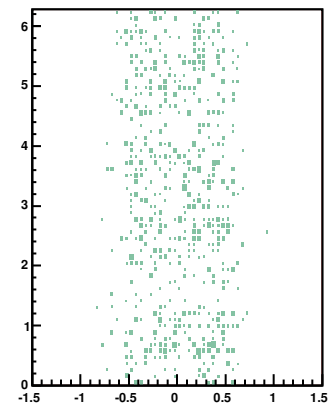
Zmumu-CMUP_CMU EtaPhi of CMUP in ALL



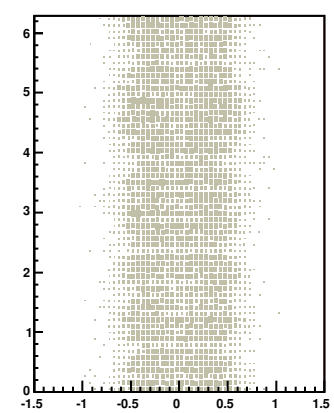
Ztautau-CMUP_CMU EtaPhi of CMUP in ALL



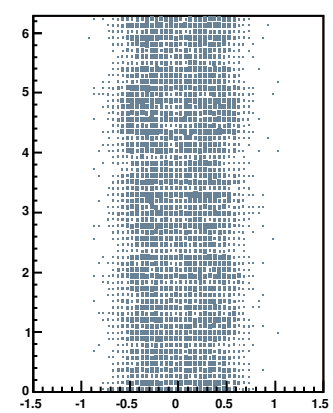
fake-CMUP_CMU EtaPhi of CMUP in ALL



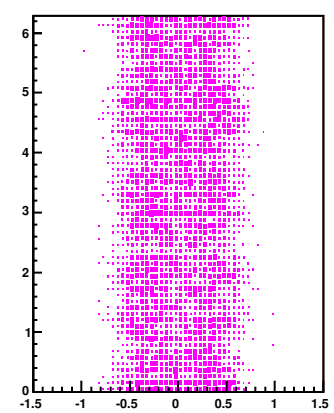
WZ-CMUP_CMU EtaPhi of CMUP in ALL



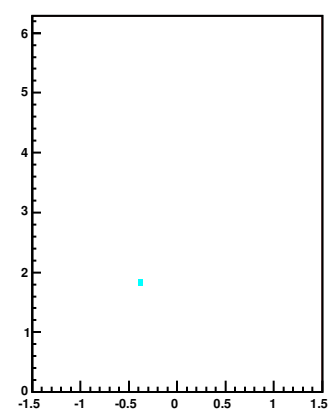
ZZ-CMUP_CMU EtaPhi of CMUP in ALL



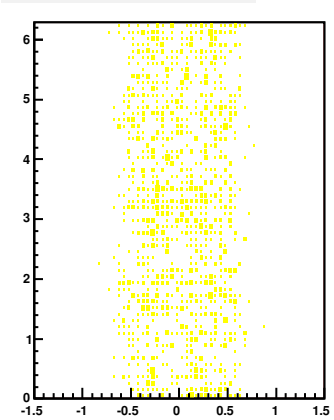
WW-CMUP_CMU EtaPhi of CMUP in ALL



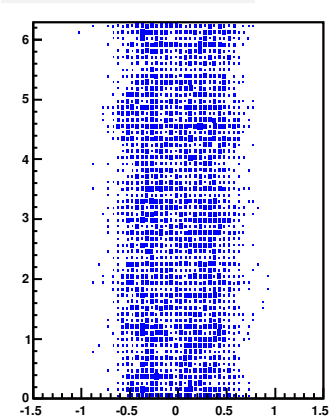
wgamma-CMUP_CMU EtaPhi of CMUP in ALL



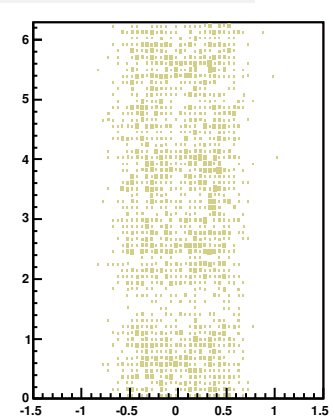
ttbar-CMUP_CMU EtaPhi of CMUP in ALL



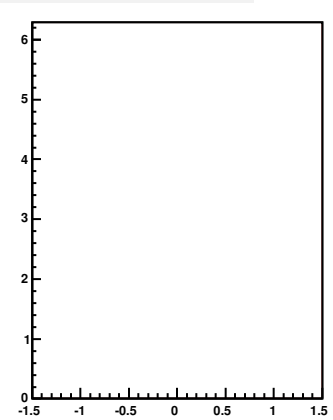
higgsww-CMUP_CMU EtaPhi of CMUP in ALL



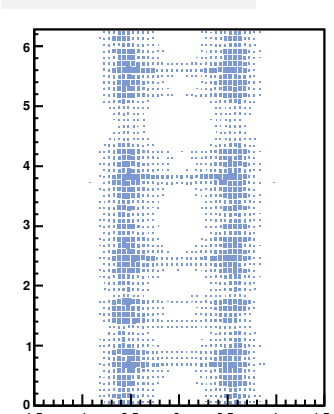
data-CMUP_CMU EtaPhi of CMUP in ALL



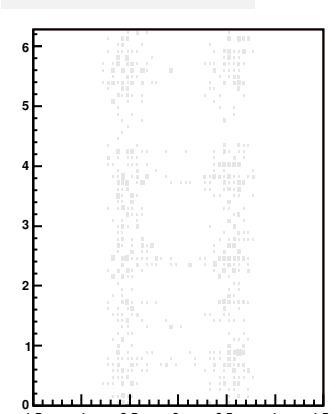
Zee-CMUP_CMU EtaPhi of CMU in ALL



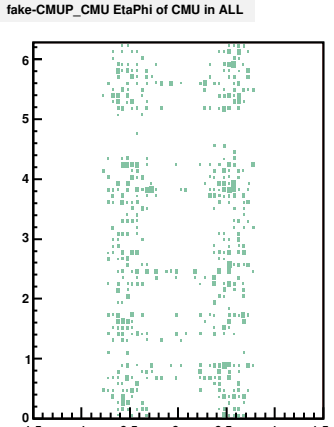
Zmumu-CMUP_CMU EtaPhi of CMU in ALL



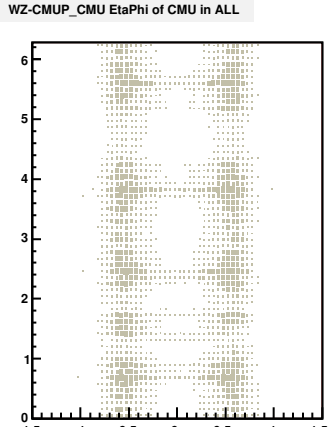
Ztautau-CMUP_CMU EtaPhi of CMU in ALL



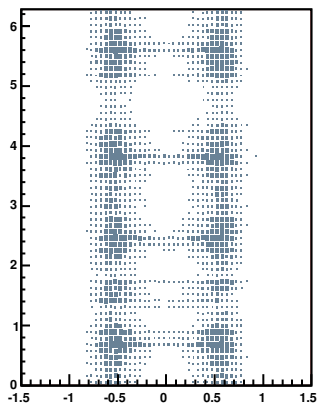
fake-CMUP_CMU EtaPhi of CMU in ALL



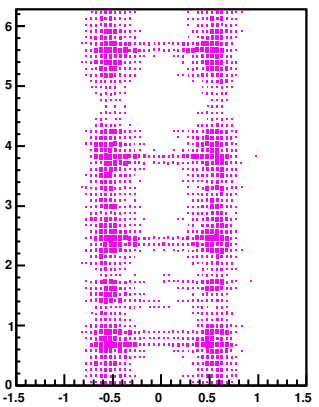
WZ-CMUP_CMU EtaPhi of CMU in ALL



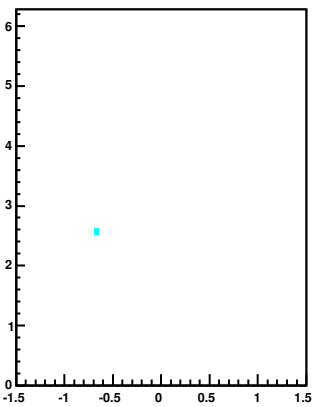
ZZ-CMUP_CMU EtaPhi of CMU in ALL



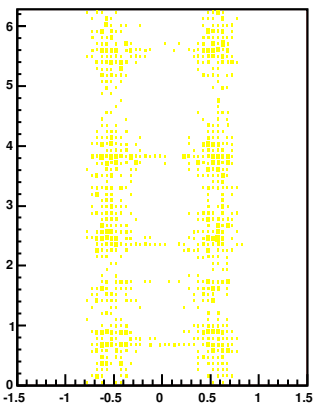
WW-CMUP_CMU EtaPhi of CMU in ALL



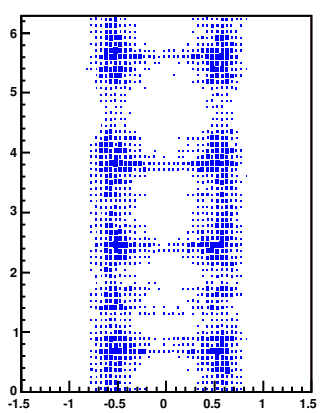
wgamma-CMUP_CMU EtaPhi of CMU in ALL



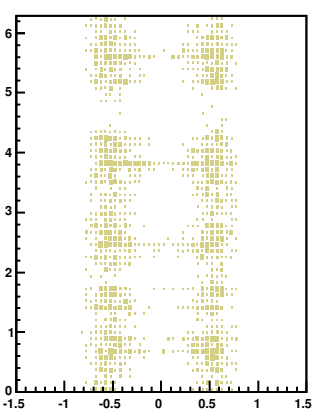
ttbar-CMUP_CMU EtaPhi of CMU in ALL



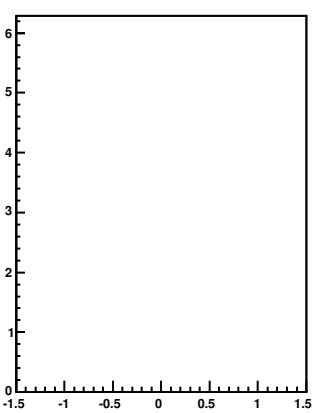
higgsww-CMUP_CMU EtaPhi of CMU in ALL



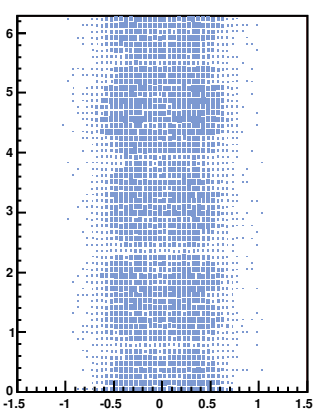
data-CMUP_CMU EtaPhi of CMU in ALL



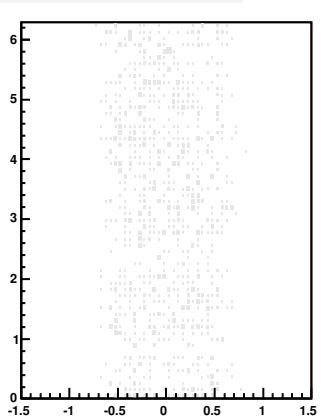
Zee-CMUP_CMP EtaPhi of CMUP in ALL



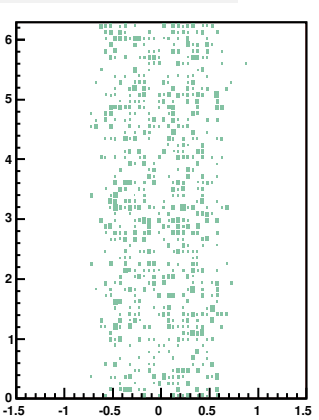
Zmumu-CMUP_CMP EtaPhi of CMUP in ALL



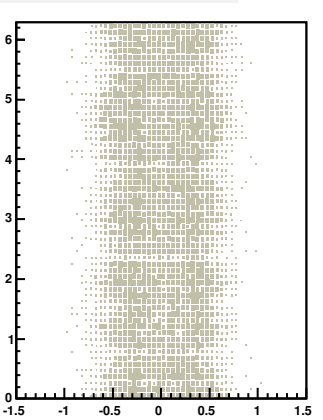
Ztautau-CMUP_CMP EtaPhi of CMUP in ALL



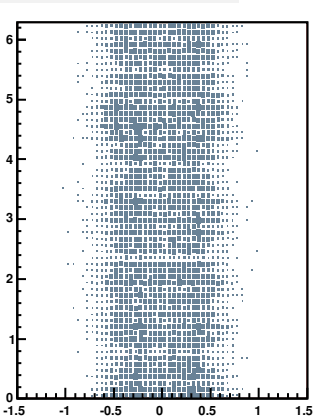
fake-CMUP_CMP EtaPhi of CMUP in ALL



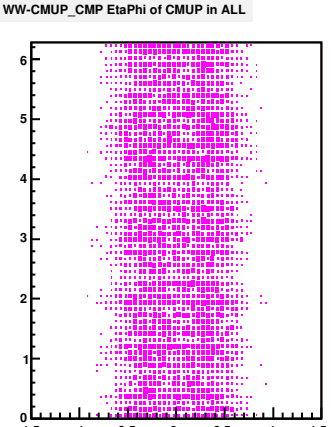
WZ-CMUP_CMP EtaPhi of CMUP in ALL



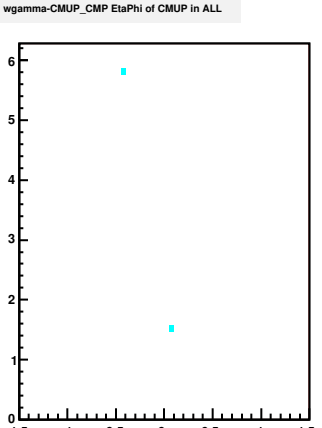
ZZ-CMUP_CMP EtaPhi of CMUP in ALL



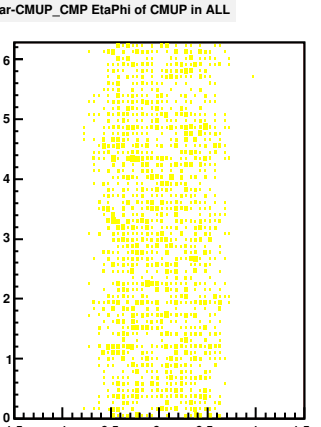
WW-CMUP_CMP EtaPhi of CMUP in ALL



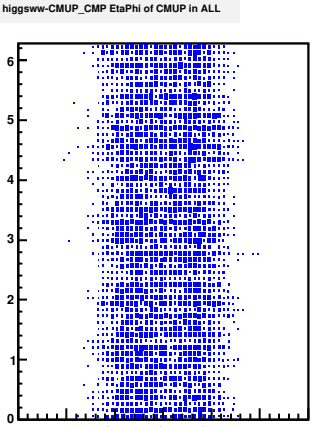
wgamma-CMUP_CMP EtaPhi of CMUP in ALL



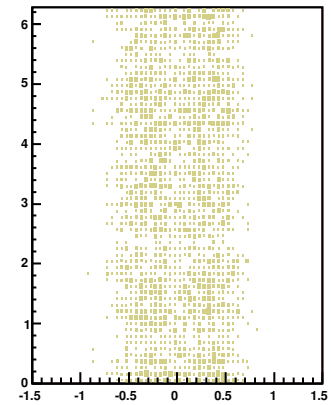
ttbar-CMUP_CMP EtaPhi of CMUP in ALL



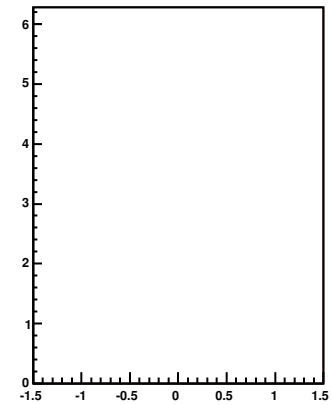
higgsww-CMUP_CMP EtaPhi of CMUP in ALL



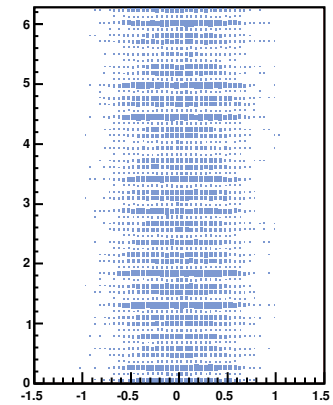
data-CMUP_CMP EtaPhi of CMUP in ALL



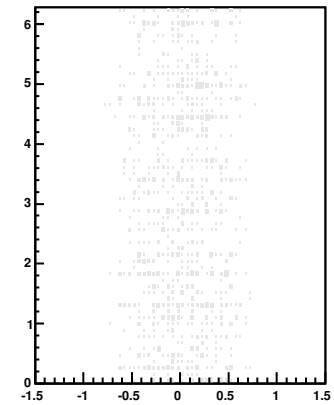
Zee-CMUP_CMP EtaPhi of CMP in ALL



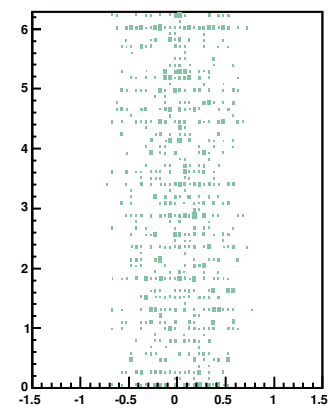
Zmumu-CMUP_CMP EtaPhi of CMP in ALL



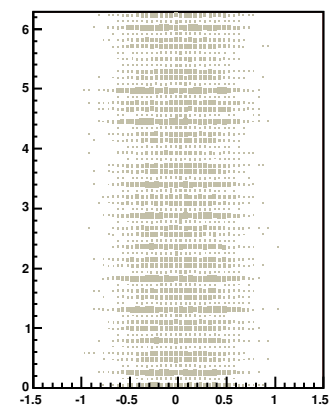
Ztautau-CMUP_CMP EtaPhi of CMP in ALL



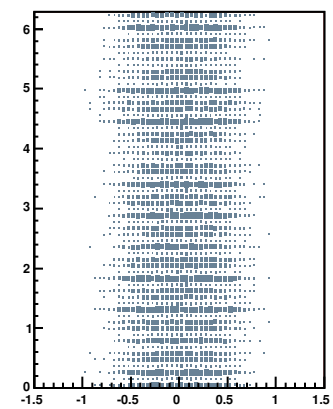
fake-CMUP_CMP EtaPhi of CMP in ALL



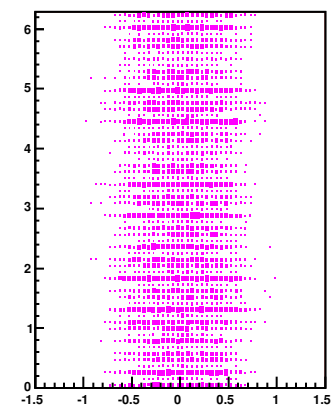
WZ-CMUP_CMP EtaPhi of CMP in ALL



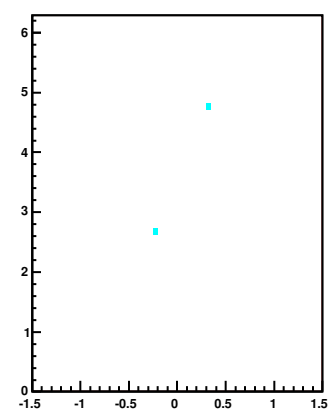
ZZ-CMUP_CMP EtaPhi of CMP in ALL



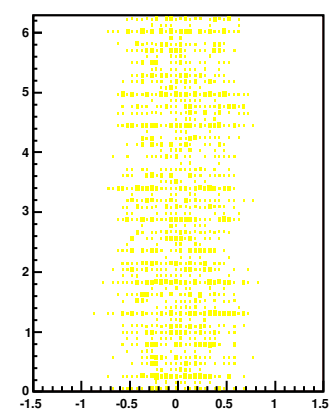
WW-CMUP_CMP EtaPhi of CMP in ALL



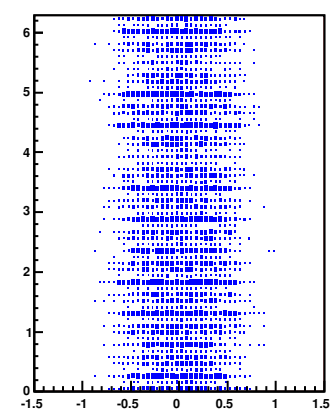
wgamma-CMUP_CMP EtaPhi of CMP in ALL



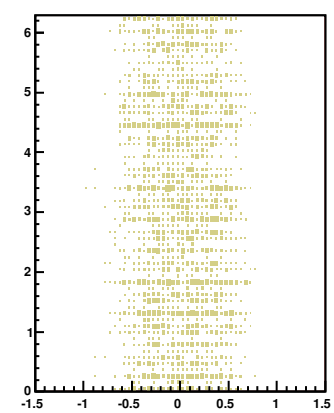
ttbar-CMUP_CMP EtaPhi of CMP in ALL



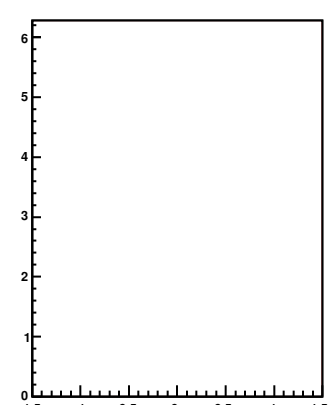
higgsww-CMUP_CMP EtaPhi of CMP in ALL



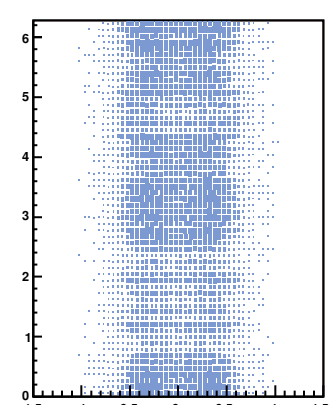
data-CMUP_CMP EtaPhi of CMP in ALL



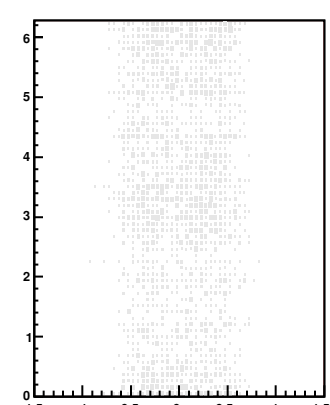
Zee-CMUP_CMX EtaPhi of CMUP in ALL



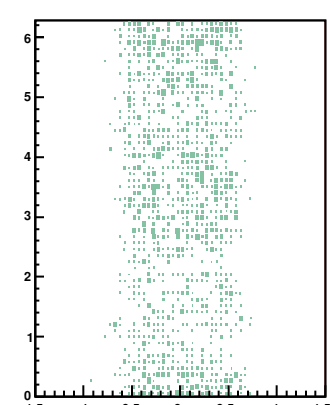
Zmumu-CMUP_CMX EtaPhi of CMUP in ALL



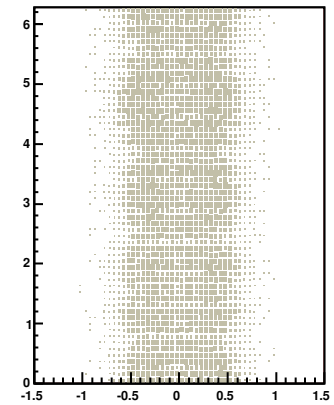
Ztautau-CMUP_CMX EtaPhi of CMUP in ALL



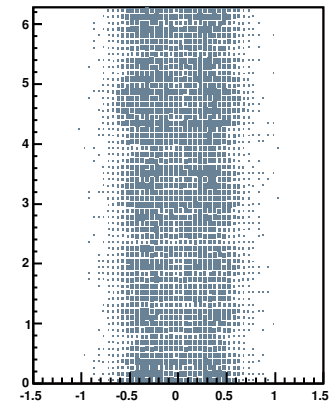
fake-CMUP_CMX EtaPhi of CMUP in ALL



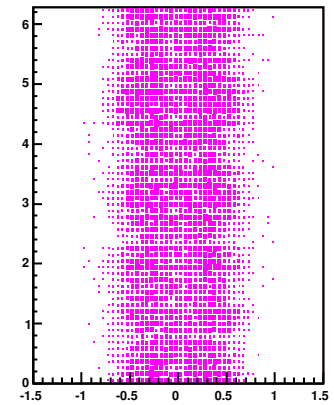
WZ-CMUP_CMX EtaPhi of CMUP in ALL



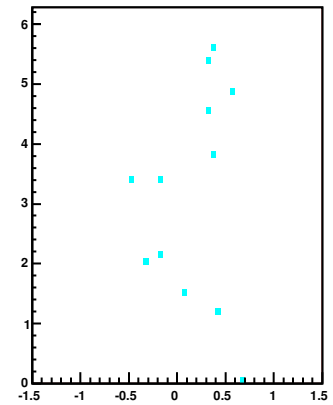
ZZ-CMUP_CMX EtaPhi of CMUP in ALL



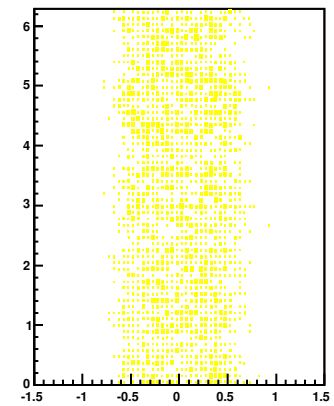
WW-CMUP_CMX EtaPhi of CMUP in ALL



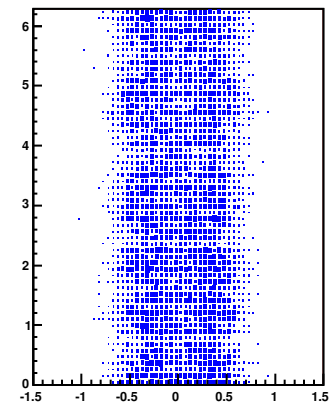
wgamma-CMUP_CMX EtaPhi of CMUP in ALL



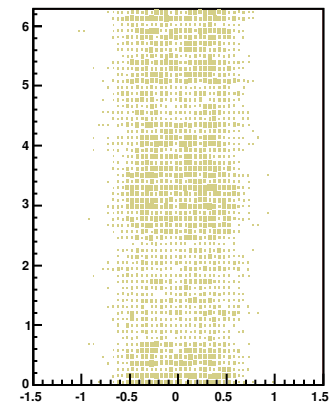
ttbar-CMUP_CMX EtaPhi of CMUP in ALL



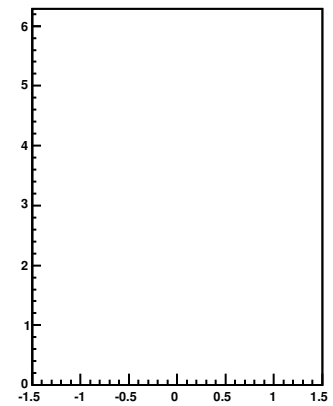
higgsww-CMUP_CMX EtaPhi of CMUP in ALL



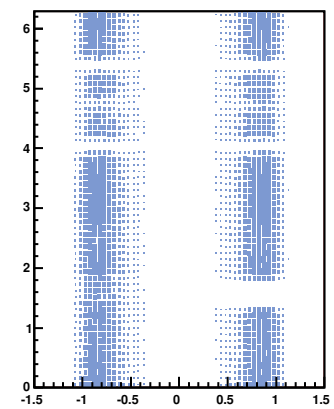
data-CMUP_CMX EtaPhi of CMUP in ALL



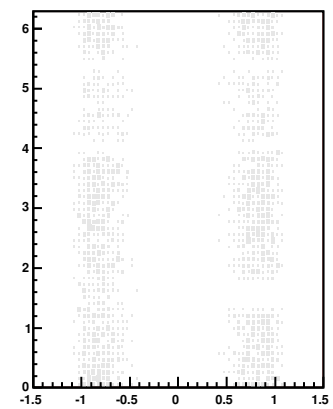
Zee-CMUP_CMX EtaPhi of CMX in ALL



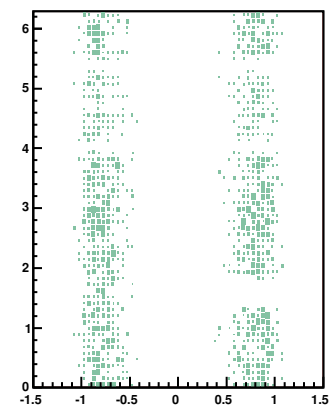
Zmumu-CMUP_CMX EtaPhi of CMX in ALL



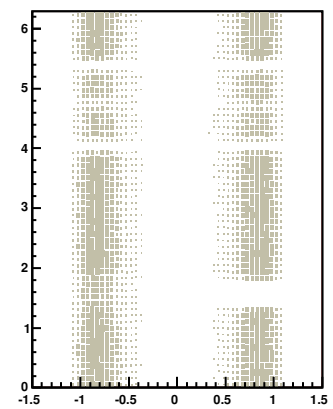
Ztautau-CMUP_CMX EtaPhi of CMX in ALL



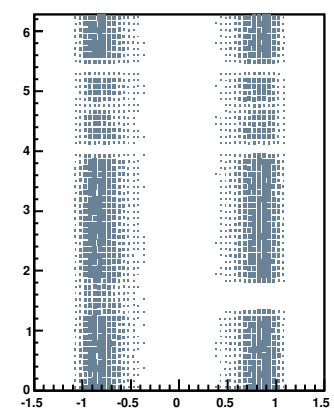
fake-CMUP_CMX EtaPhi of CMX in ALL



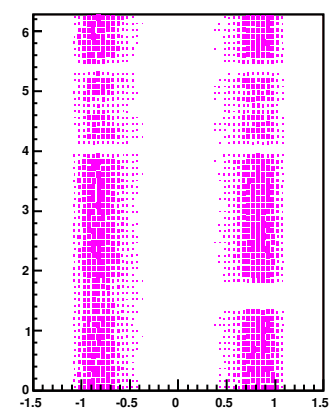
WZ-CMUP_CMX EtaPhi of CMX in ALL



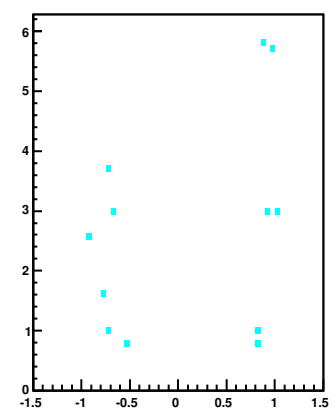
ZZ-CMUP_CMX EtaPhi of CMX in ALL



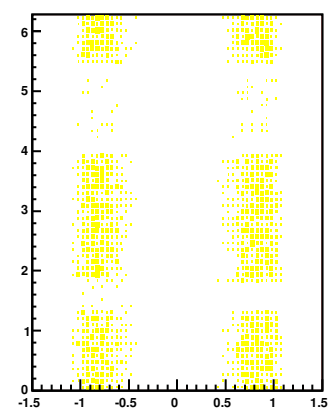
WW-CMUP_CMX EtaPhi of CMX in ALL



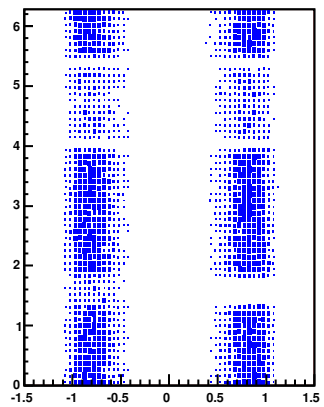
wgamma-CMUP_CMX EtaPhi of CMX in ALL



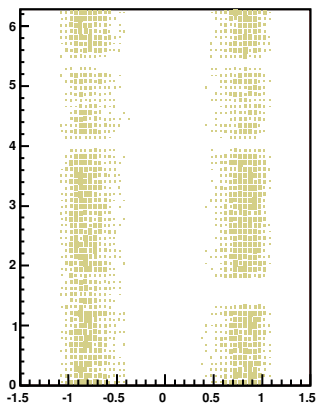
ttbar-CMUP_CMX EtaPhi of CMX in ALL



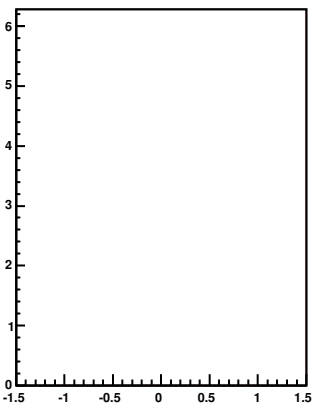
higgsww-CMUP_CMX EtaPhi of CMX in ALL



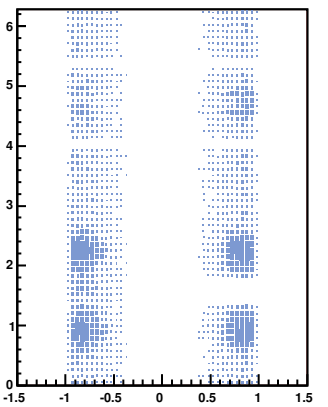
data-CMUP_CMX EtaPhi of CMX in ALL



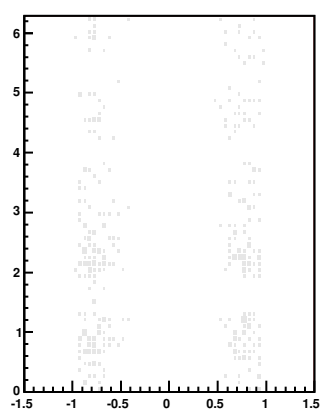
Zee-CMX_CMIO EtaPhi of CMX in ALL



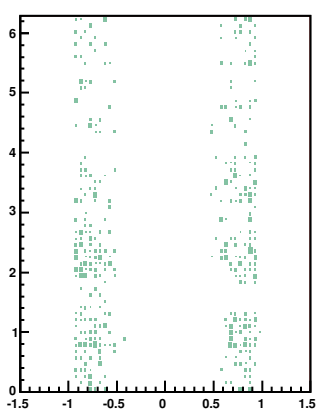
Zmumu-CMX_CMIO EtaPhi of CMX in ALL



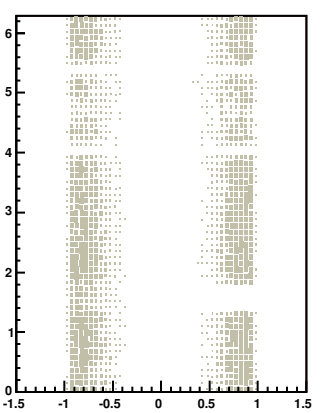
Ztautau-CMX_CMIO EtaPhi of CMX in ALL



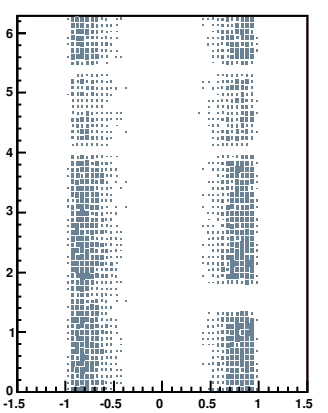
fake-CMX_CMIO EtaPhi of CMX in ALL



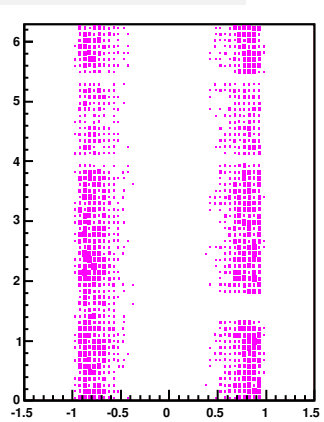
WZ-CMX_CMIO EtaPhi of CMX in ALL



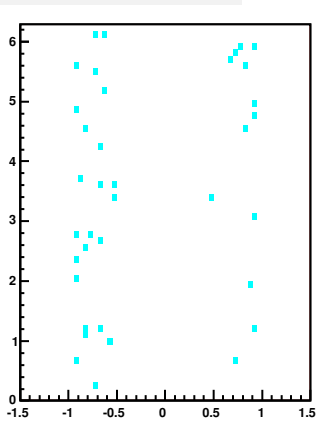
ZZ-CMX_CMIO EtaPhi of CMX in ALL



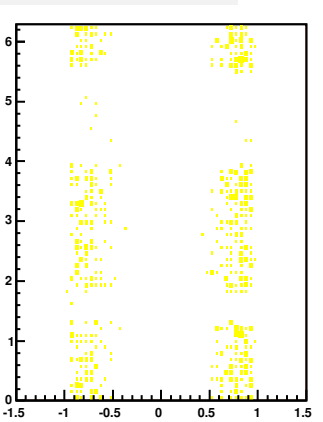
WW-CMX_CMIO EtaPhi of CMX in ALL



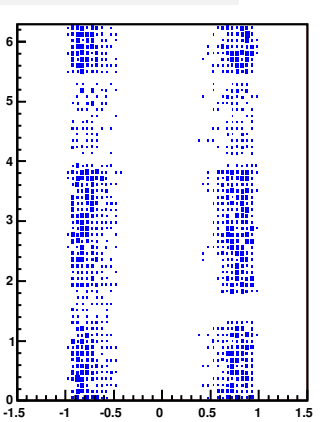
wgamma-CMX_CMIO EtaPhi of CMX in ALL



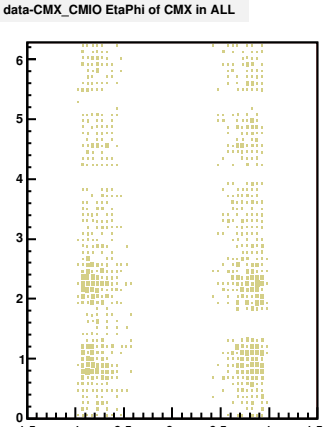
ttbar-CMX_CMIO EtaPhi of CMX in ALL



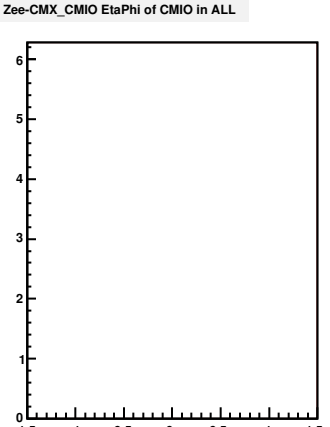
higgsww-CMX_CMIO EtaPhi of CMX in ALL



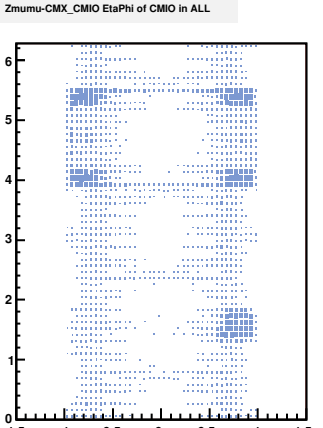
data-CMX_CMIO EtaPhi of CMX in ALL



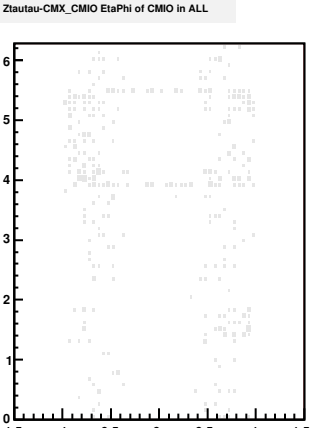
Zee-CMX_CMIO EtaPhi of CMIO in ALL



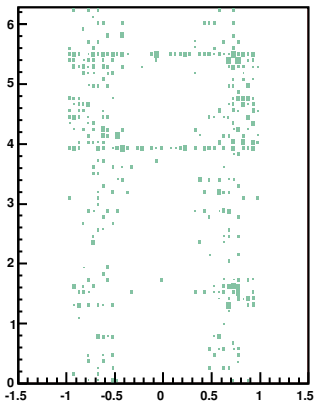
Zmumu-CMX_CMIO EtaPhi of CMIO in ALL



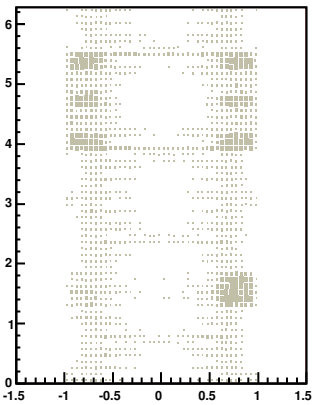
Ztautau-CMX_CMIO EtaPhi of CMIO in ALL



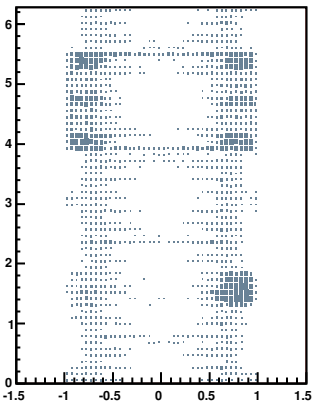
fake-CMX_CMIO EtaPhi of CMIO in ALL



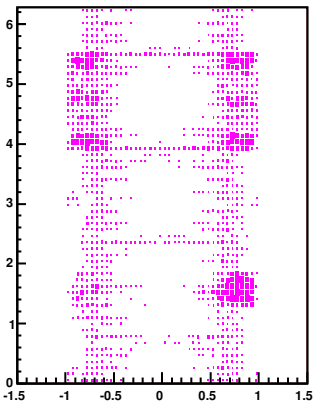
WZ-CMX_CMIO EtaPhi of CMIO in ALL



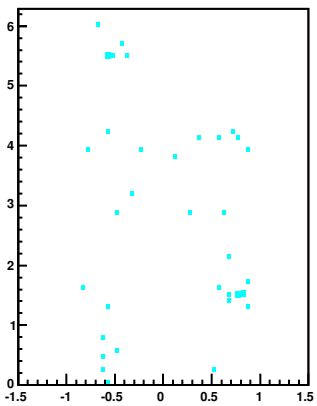
ZZ-CMX_CMIO EtaPhi of CMIO in ALL



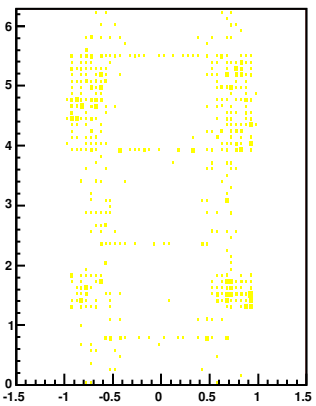
WW-CMX_CMIO EtaPhi of CMIO in ALL



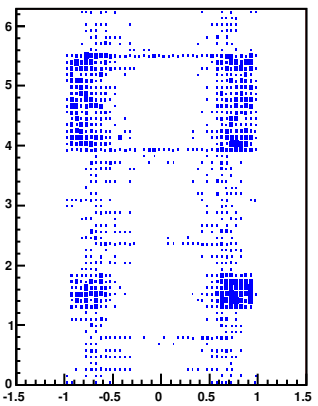
wgamma-CMX_CMIO EtaPhi of CMIO in ALL



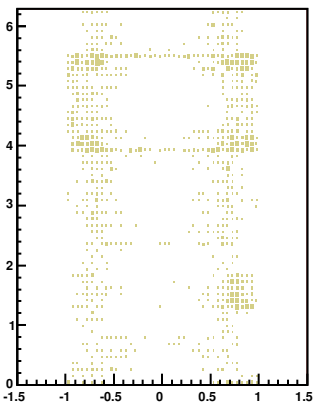
ttbar-CMX_CMIO EtaPhi of CMIO in ALL



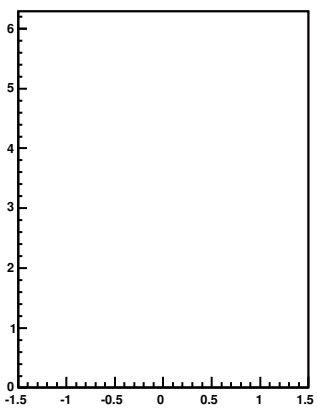
higgsww-CMX_CMIO EtaPhi of CMIO in ALL



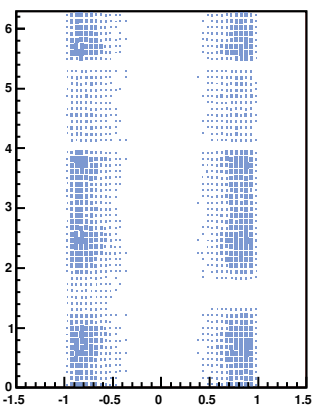
data-CMX_CMIO EtaPhi of CMIO in ALL



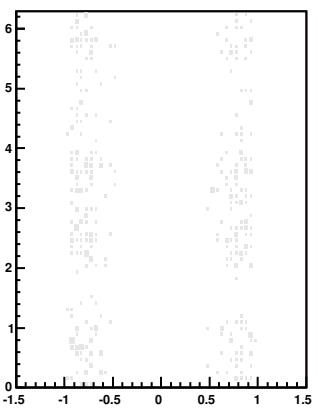
Zee-CMX_CMU EtaPhi of CMX in ALL



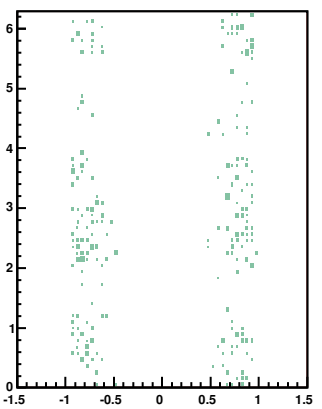
Zmumu-CMX_CMU EtaPhi of CMX in ALL



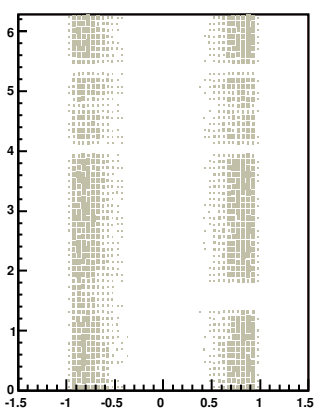
Ztautau-CMX_CMU EtaPhi of CMX in ALL



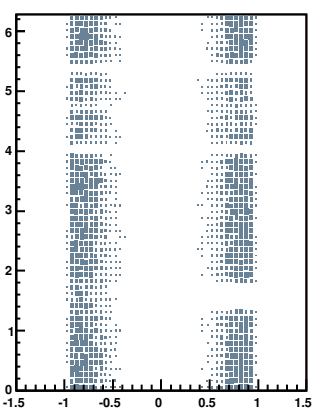
fake-CMX_CMU EtaPhi of CMX in ALL



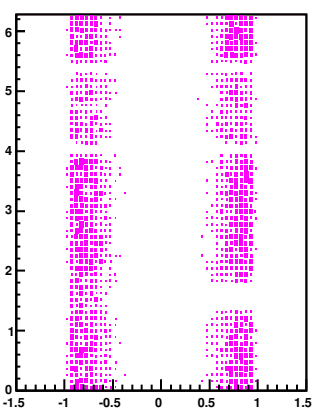
WZ-CMX_CMU EtaPhi of CMX in ALL



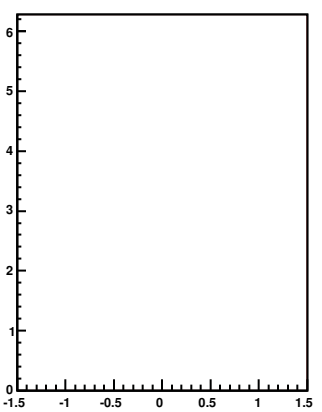
ZZ-CMX_CMU EtaPhi of CMX in ALL



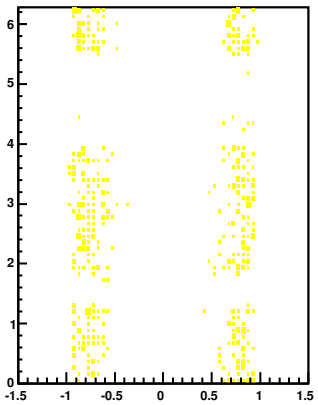
WW-CMX_CMU EtaPhi of CMX in ALL



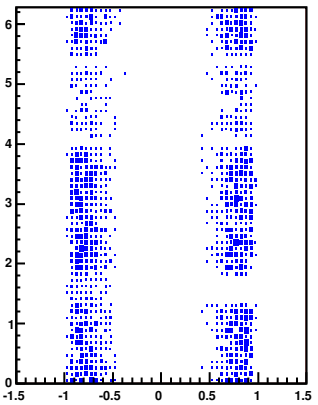
wgamma-CMX_CMU EtaPhi of CMX in ALL



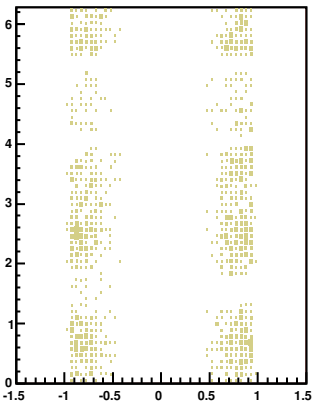
ttbar-CMX_CMU EtaPhi of CMX in ALL



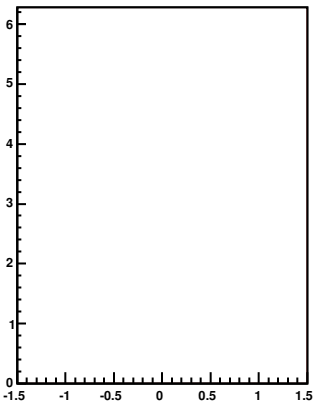
higgsww-CMX_CMU EtaPhi of CMX in ALL



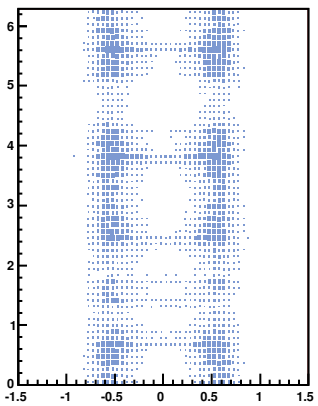
data-CMX_CMU EtaPhi of CMX in ALL



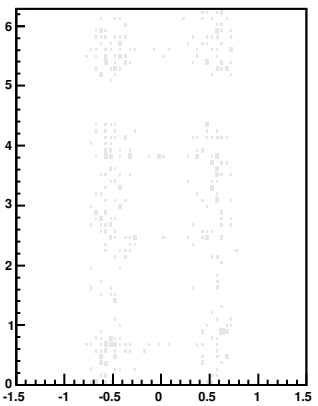
Zee-CMX_CMU EtaPhi of CMU in ALL



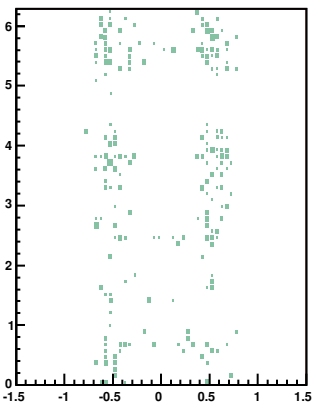
Zmumu-CMX_CMU EtaPhi of CMU in ALL



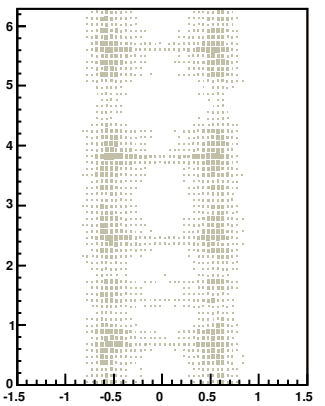
Ztautau-CMX_CMU EtaPhi of CMU in ALL



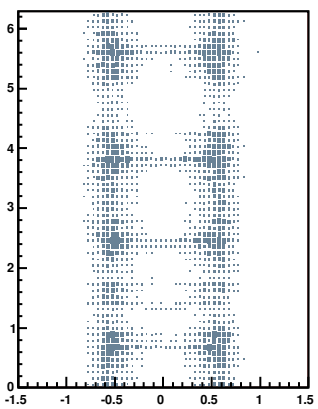
fake-CMX_CMU EtaPhi of CMU in ALL



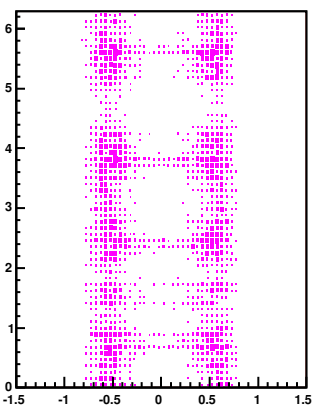
WZ-CMX_CMU EtaPhi of CMU in ALL



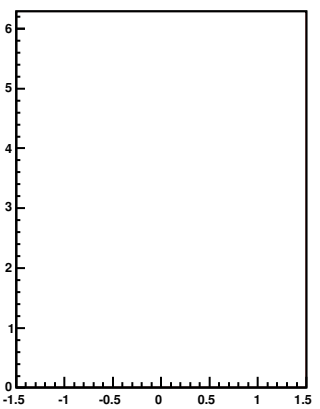
ZZ-CMX_CMU EtaPhi of CMU in ALL



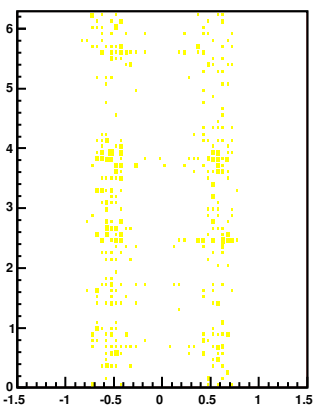
WW-CMX_CMU EtaPhi of CMU in ALL



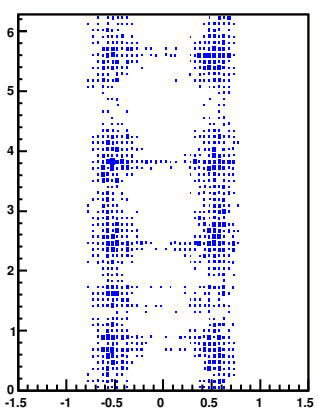
wgamma-CMX_CMU EtaPhi of CMU in ALL



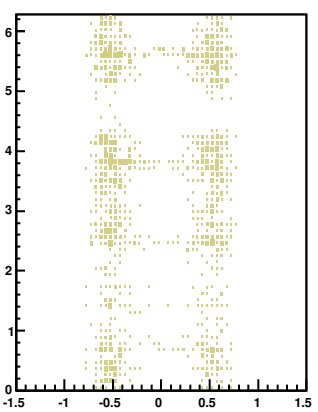
ttbar-CMX_CMU EtaPhi of CMU in ALL



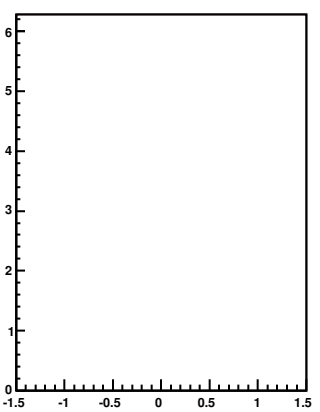
higgsww-CMX_CMU EtaPhi of CMU in ALL



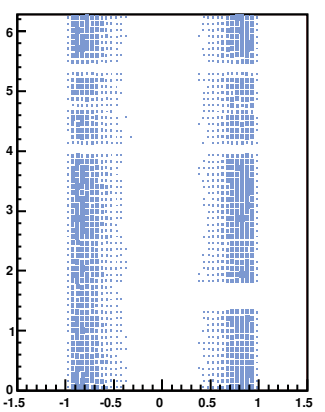
data-CMX_CMU EtaPhi of CMU in ALL



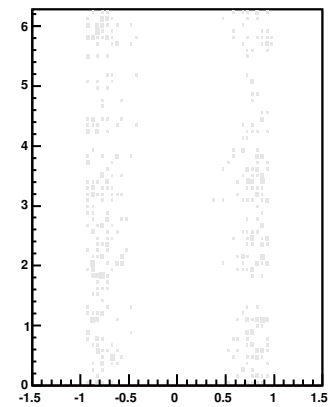
Zee-CMX_CMP EtaPhi of CMX in ALL



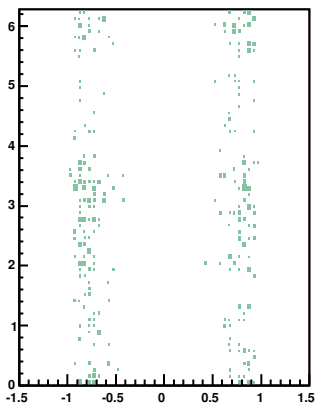
Zmumu-CMX_CMP EtaPhi of CMX in ALL



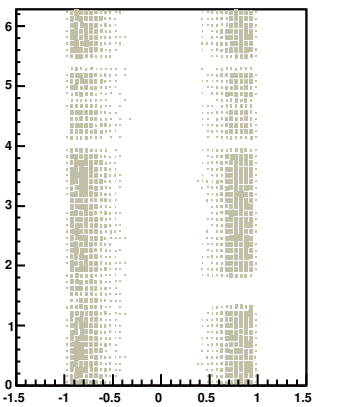
Ztautau-CMX_CMP EtaPhi of CMX in ALL



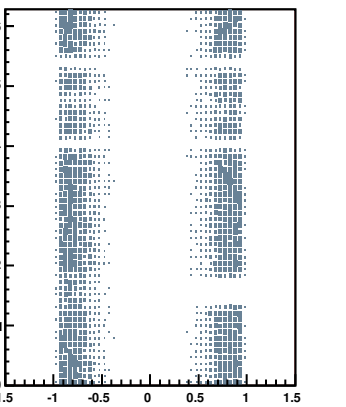
fake-CMX_CMP EtaPhi of CMX in ALL



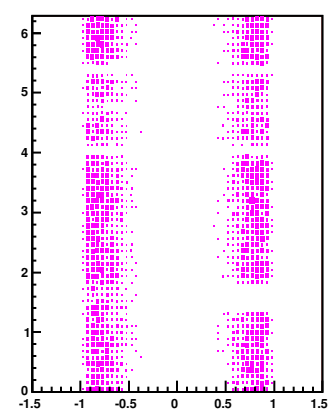
WZ-CMX_CMP EtaPhi of CMX in ALL



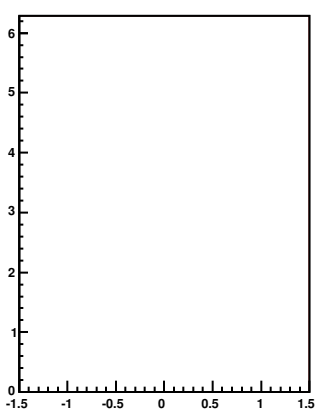
ZZ-CMX_CMP EtaPhi of CMX in ALL



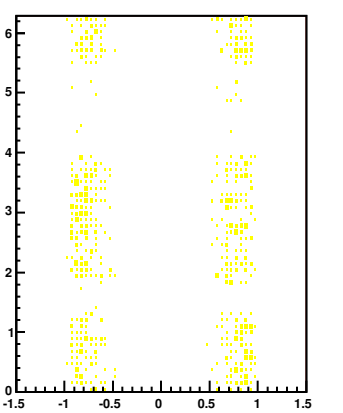
WW-CMX_CMP EtaPhi of CMX in ALL



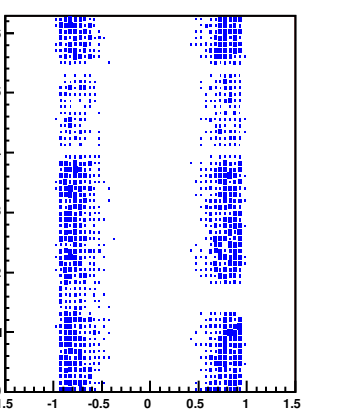
wgamma-CMX_CMP EtaPhi of CMX in ALL



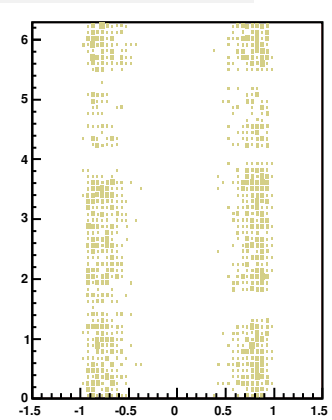
ttbar-CMX_CMP EtaPhi of CMX in ALL



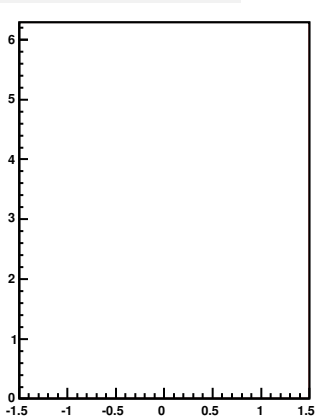
higgsww-CMX_CMP EtaPhi of CMX in ALL



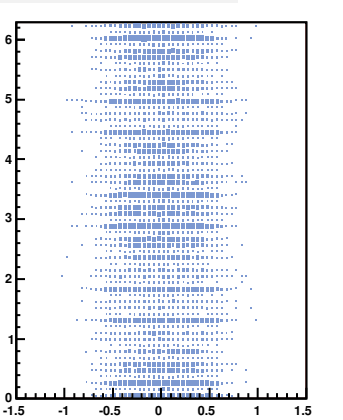
data-CMX_CMP EtaPhi of CMX in ALL



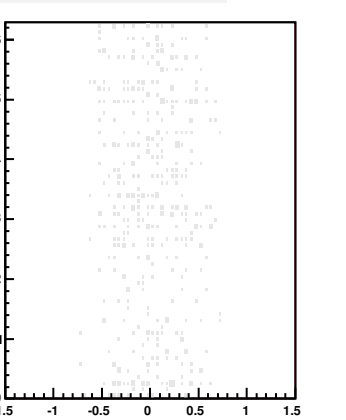
Zee-CMX_CMP EtaPhi of CMP in ALL



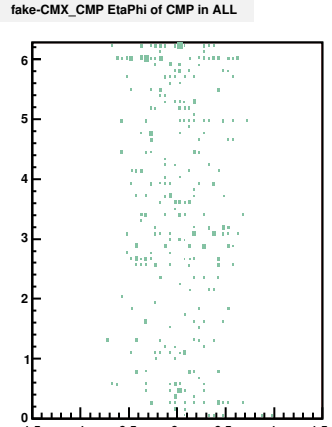
Zmumu-CMX_CMP EtaPhi of CMP in ALL



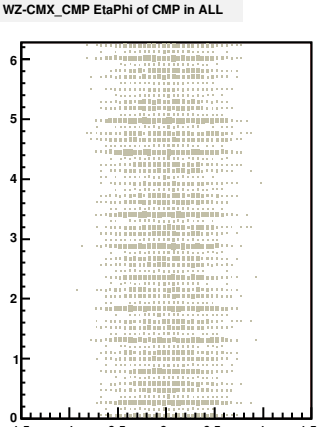
Ztautau-CMX_CMP EtaPhi of CMP in ALL



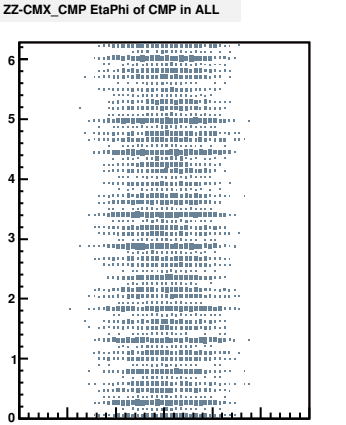
fake-CMX_CMP EtaPhi of CMP in ALL



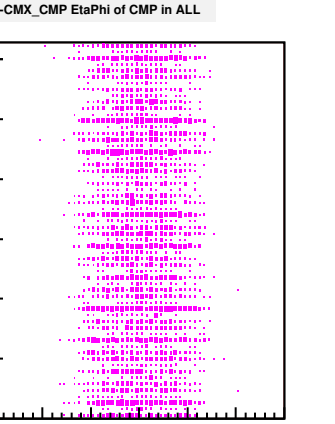
WZ-CMX_CMP EtaPhi of CMP in ALL



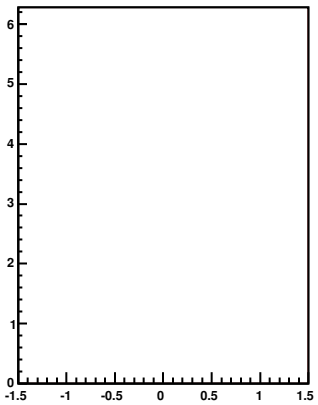
ZZ-CMX_CMP EtaPhi of CMP in ALL



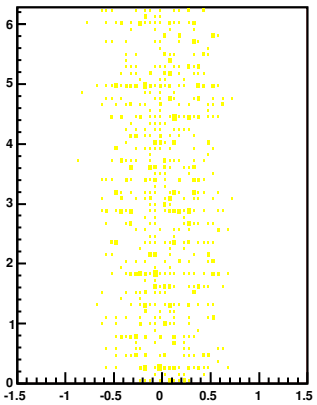
WW-CMX_CMP EtaPhi of CMP in ALL



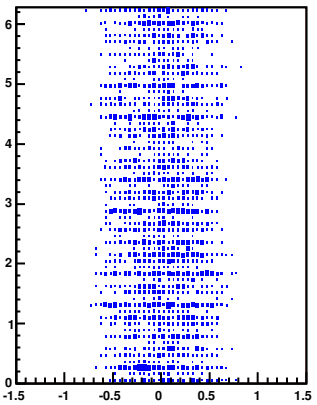
wgamma-CMX_CMP EtaPhi of CMP in ALL



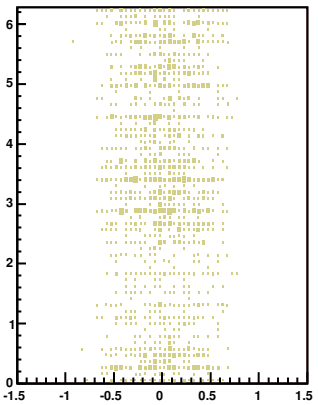
ttbar-CMX_CMP EtaPhi of CMP in ALL



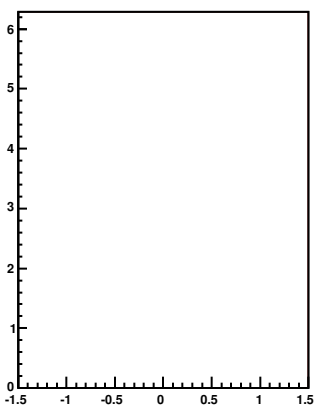
higgsww-CMX_CMP EtaPhi of CMP in ALL



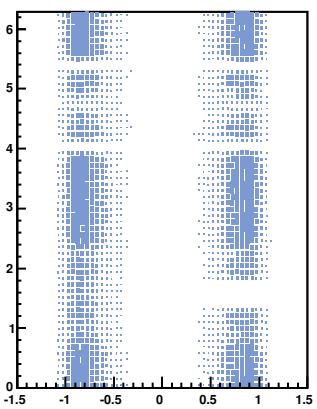
data-CMX_CMP EtaPhi of CMP in ALL



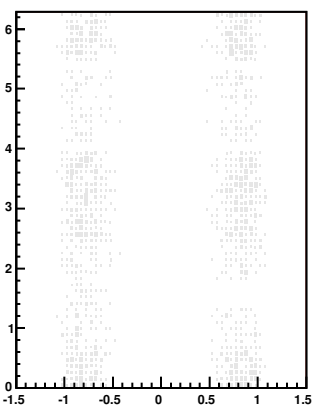
Zee-CMX_CMX EtaPhi of CMX in ALL



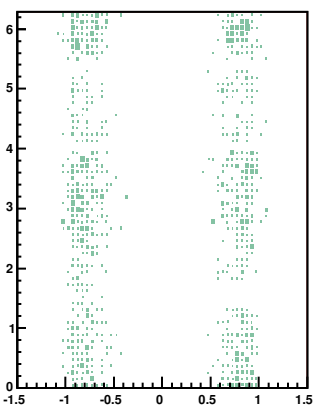
Zmumu-CMX_CMX EtaPhi of CMX in ALL



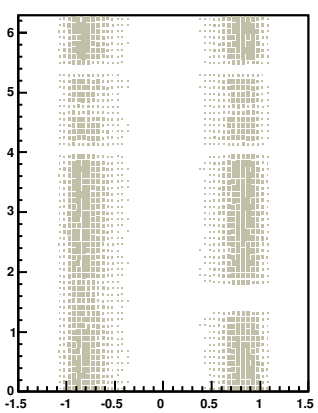
Ztautau-CMX_CMX EtaPhi of CMX in ALL



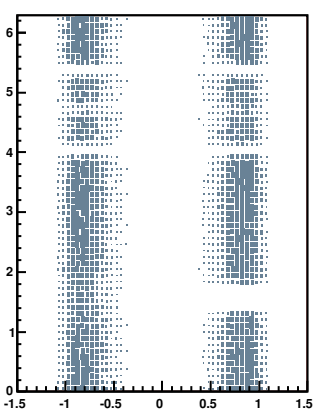
fake-CMX_CMX EtaPhi of CMX in ALL



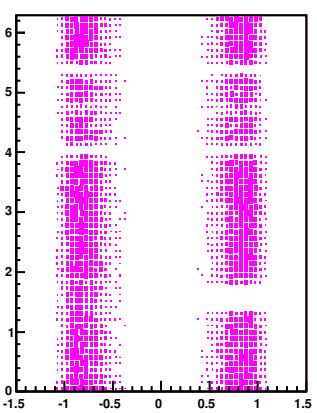
WZ-CMX_CMX EtaPhi of CMX in ALL



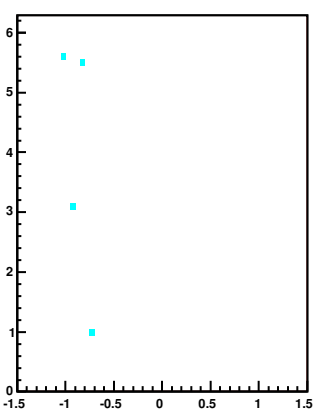
ZZ-CMX_CMX EtaPhi of CMX in ALL



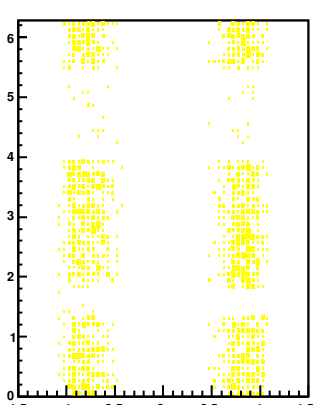
WW-CMX_CMX EtaPhi of CMX in ALL



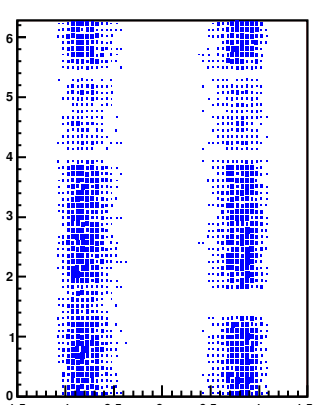
wgamma-CMX_CMX EtaPhi of CMX in ALL



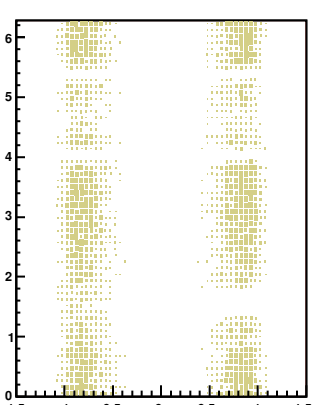
ttbar-CMX_CMX EtaPhi of CMX in ALL



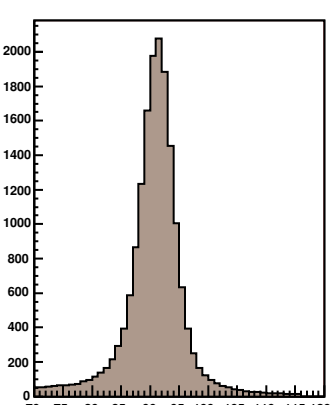
higgsww-CMX_CMX EtaPhi of CMX in ALL



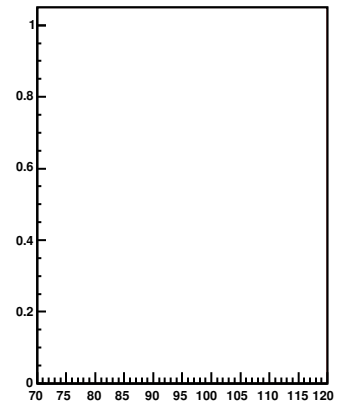
data-CMX_CMX EtaPhi of CMX in ALL



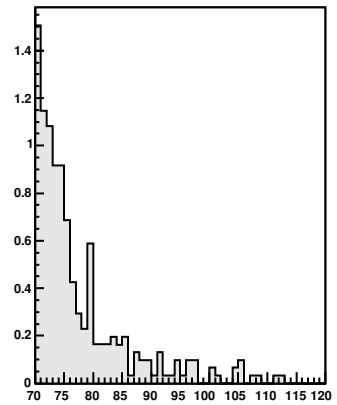
Zee-TCE_TCE Mass



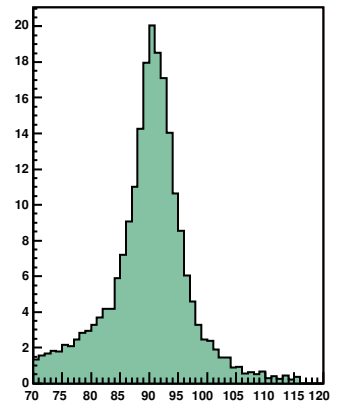
Zmumu-TCE_TCE Mass



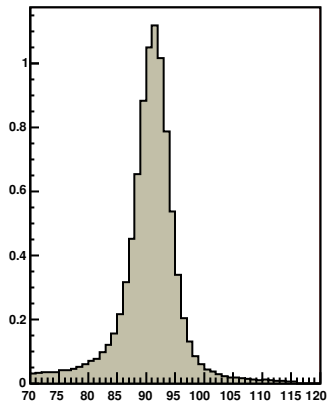
Ztautau-TCE_TCE Mass



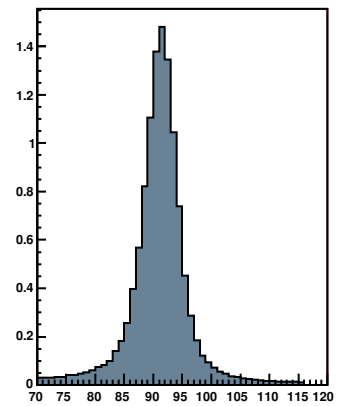
fake-TCE_TCE Mass



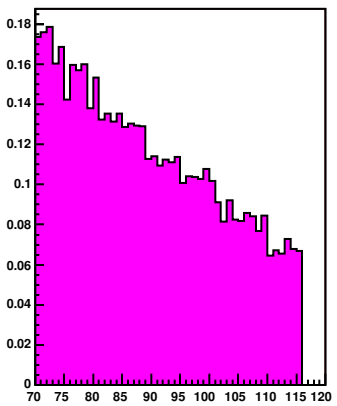
WZ-TCE_TCE Mass



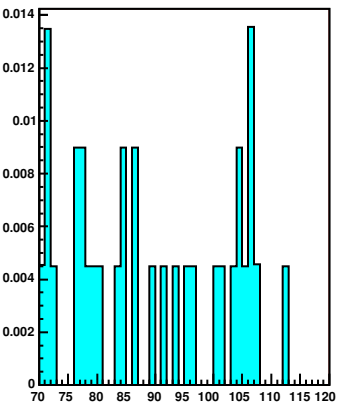
ZZ-TCE_TCE Mass



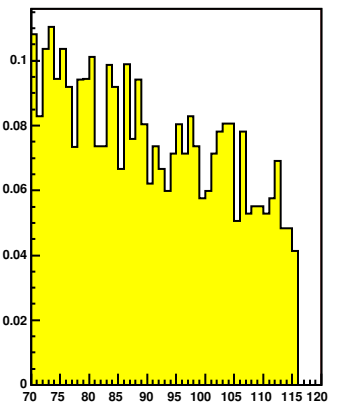
WW-TCE_TCE Mass



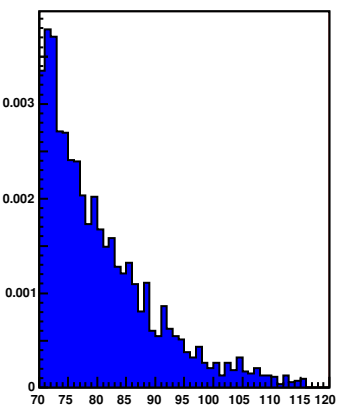
wgamma-TCE_TCE Mass



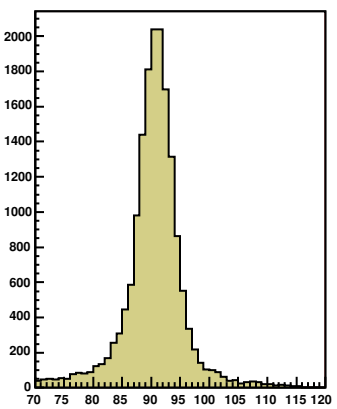
ttbar-TCE_TCE Mass



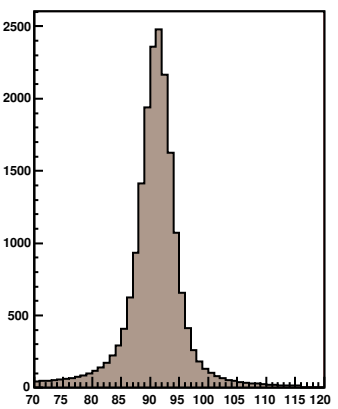
higgsww-TCE_TCE Mass



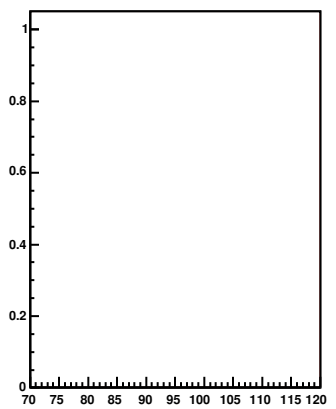
data-TCE_TCE Mass



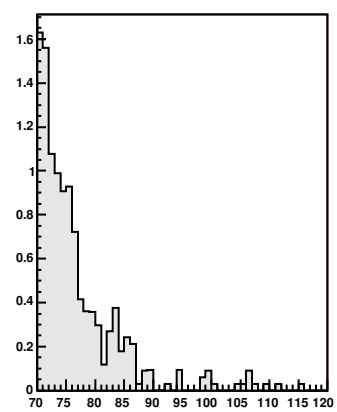
Zee-TCE_PHX Mass



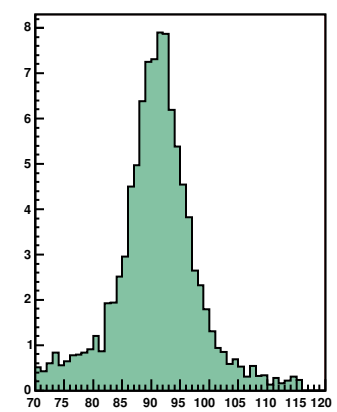
Zmumu-TCE_PHX Mass



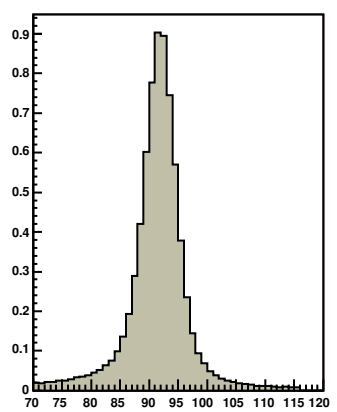
Ztautau-TCE_PHX Mass



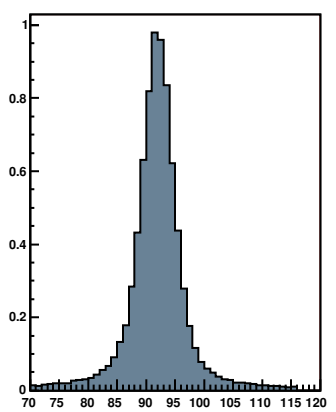
fake-TCE_PHX Mass



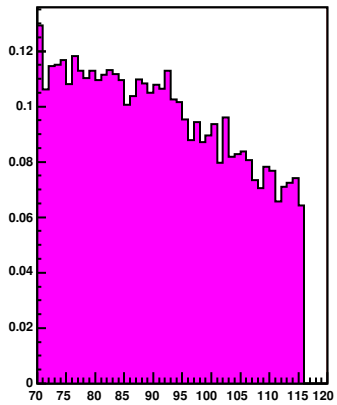
WZ-TCE_PHX Mass



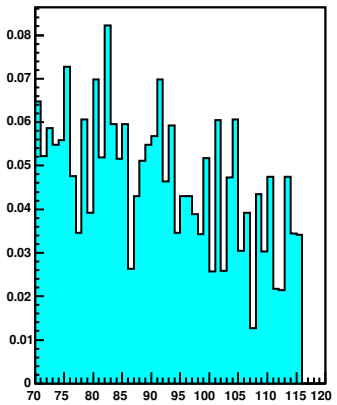
ZZ-TCE_PHX Mass



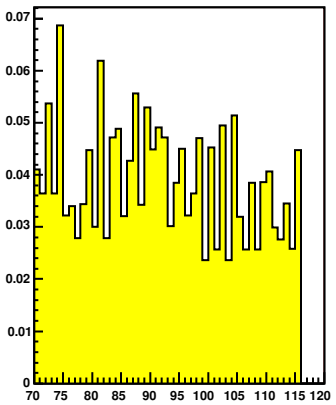
WW-TCE_PHX Mass



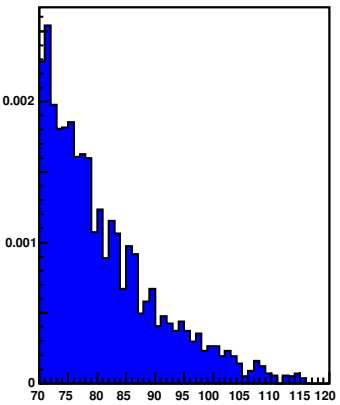
wgamma-TCE_PHX Mass



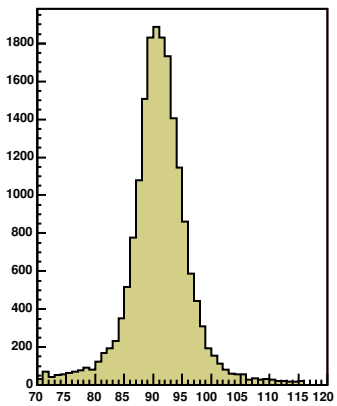
ttbar-TCE_PHX Mass



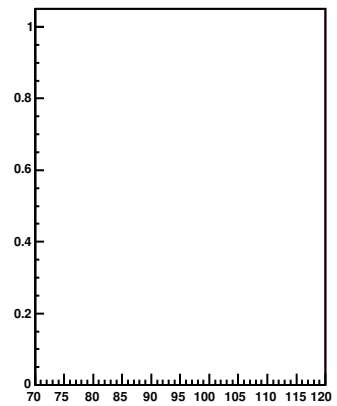
higgsww-TCE_PHX Mass



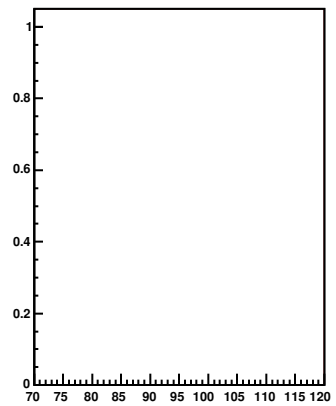
data-TCE_PHX Mass



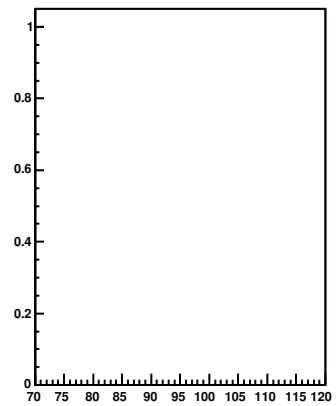
Zee-PHX_PHX Mass



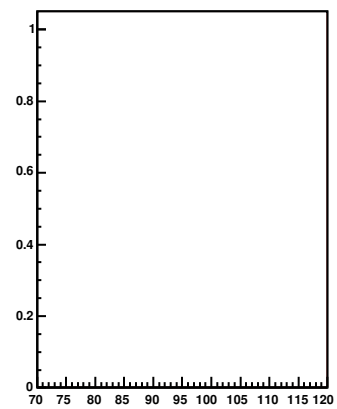
Zmumu-PHX_PHX Mass



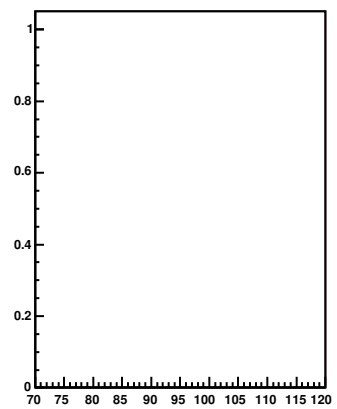
Ztautau-PHX_PHX Mass



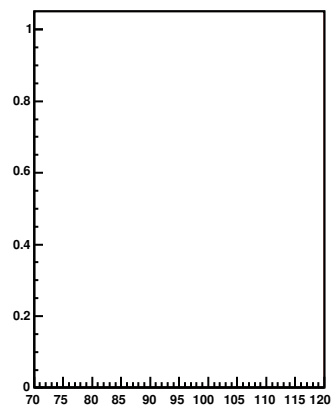
fake-PHX_PHX Mass



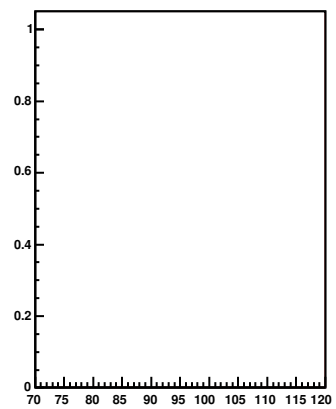
WZ-PHX_PHX Mass



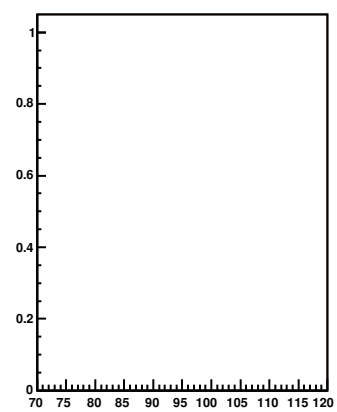
ZZ-PHX_PHX Mass



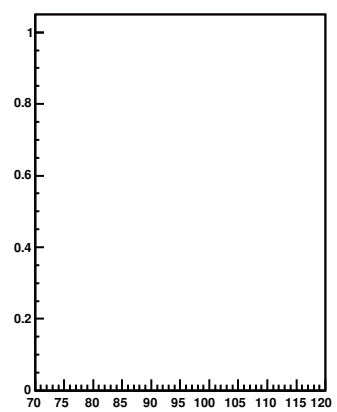
WW-PHX_PHX Mass



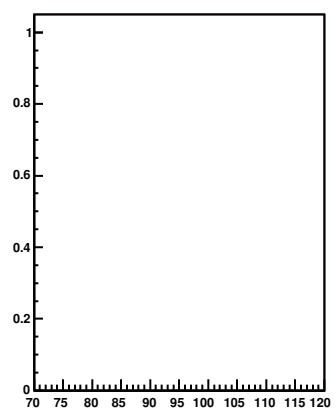
wgamma-PHX_PHX Mass



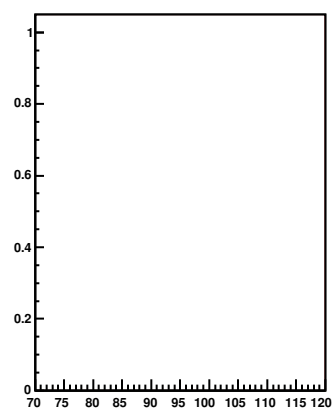
ttbar-PHX_PHX Mass



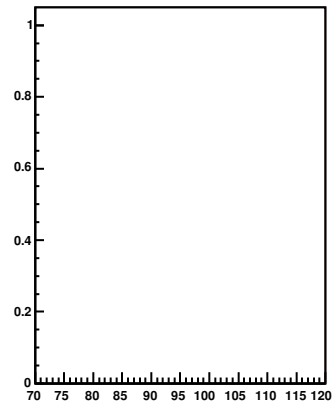
higgsww-PHX_PHX Mass



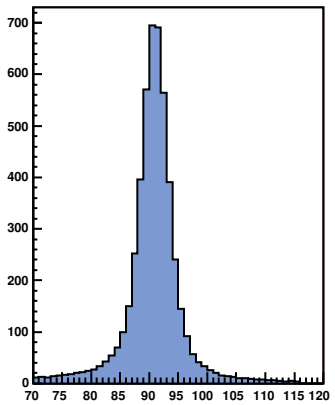
data-PHX_PHX Mass



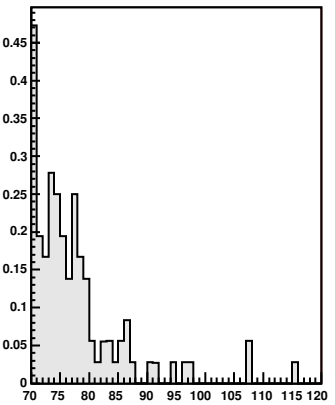
Zee-CMUP_CMUP Mass



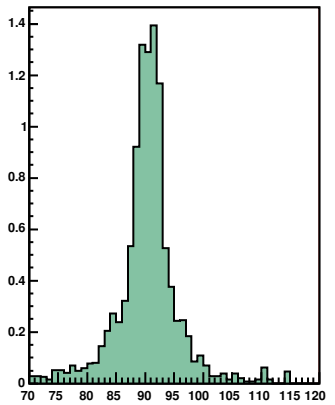
Zmumu-CMUP_CMUP Mass



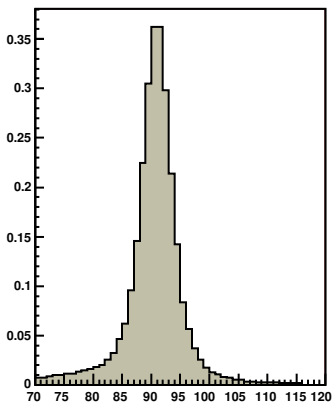
Ztautau-CMUP_CMUP Mass



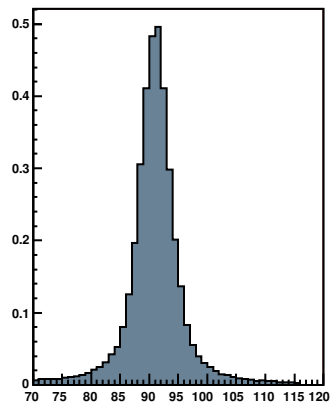
fake-CMUP_CMUP Mass



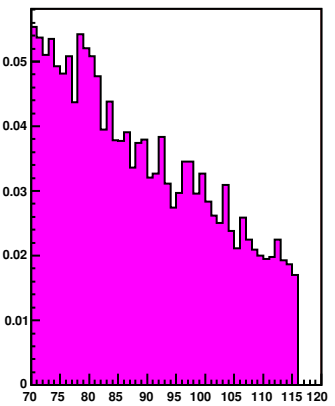
WZ-CMUP_CMUP Mass



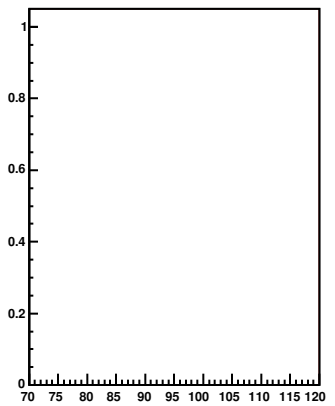
ZZ-CMUP_CMUP Mass



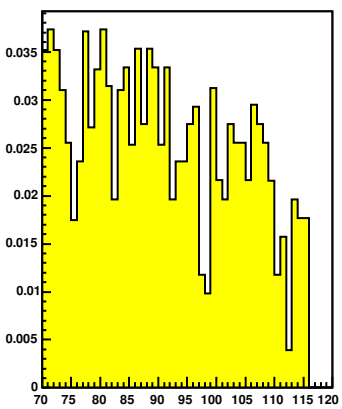
WW-CMUP_CMUP Mass



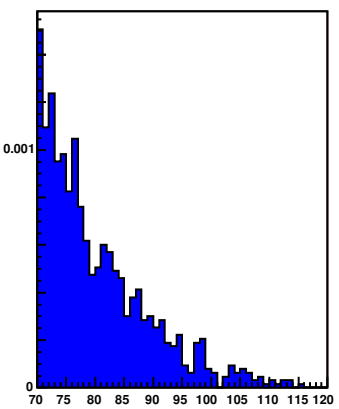
wgamma-CMUP_CMUP Mass



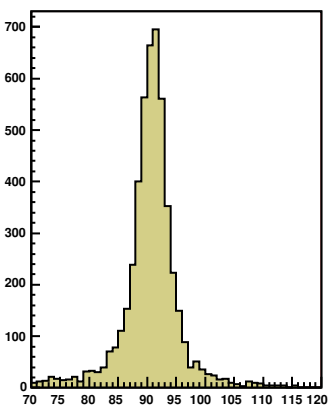
ttbar-CMUP_CMUP Mass



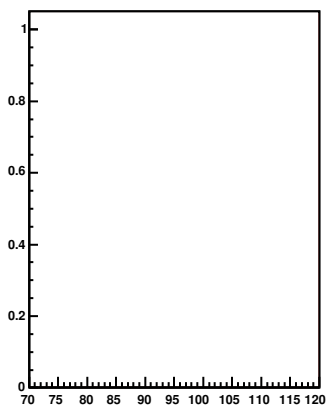
higgsww-CMUP_CMUP Mass



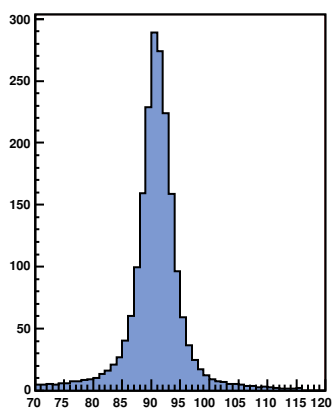
data-CMUP_CMUP Mass



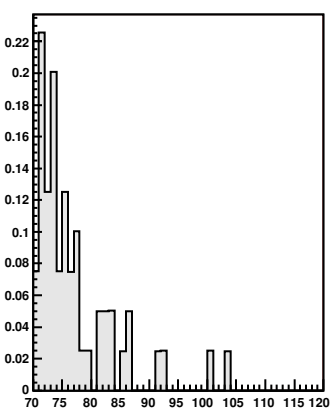
Zee-CMUP_CMU Mass



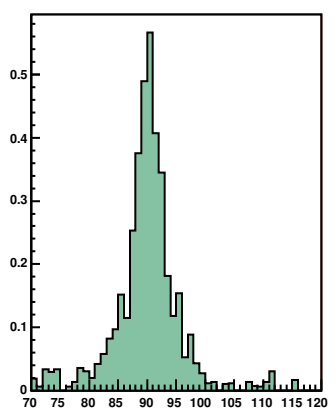
Zmumu-CMUP_CMU Mass



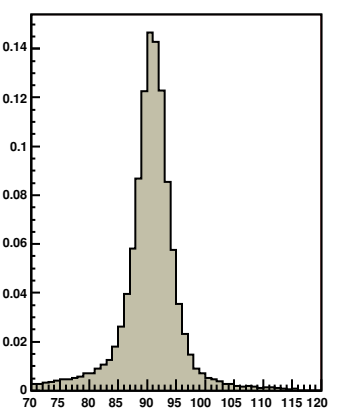
Ztautau-CMUP_CMU Mass



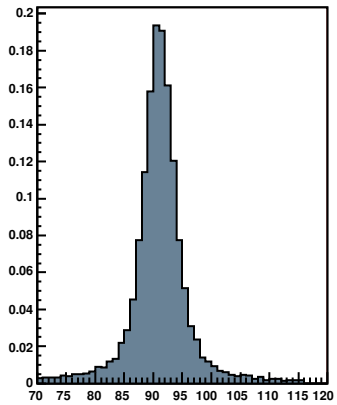
fake-CMUP_CMU Mass



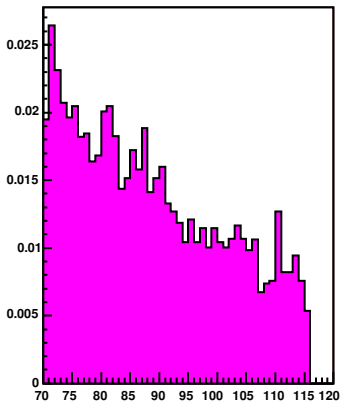
WZ-CMUP_CMU Mass



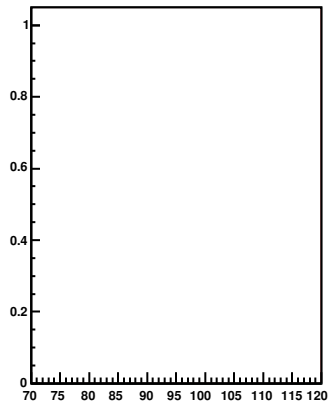
ZZ-CMUP_CMU Mass



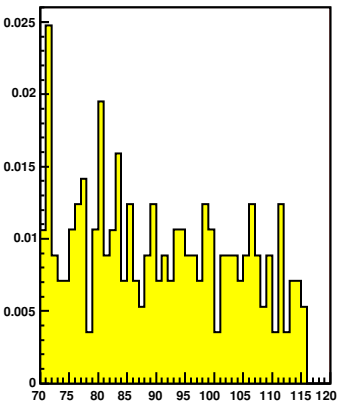
WW-CMUP_CMU Mass



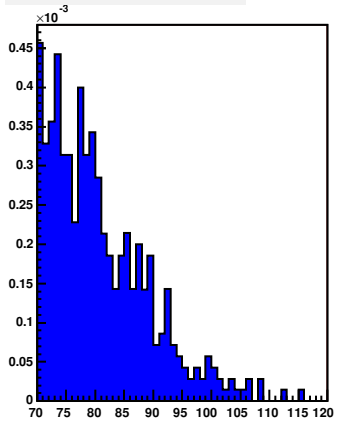
wgamma-CMUP_CMU Mass



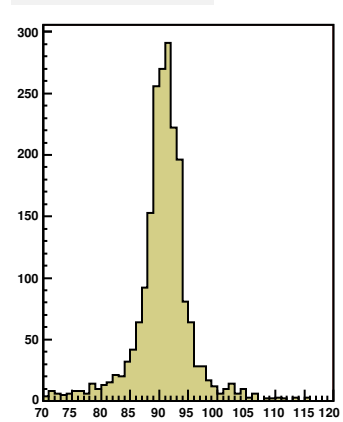
ttbar-CMUP_CMU Mass



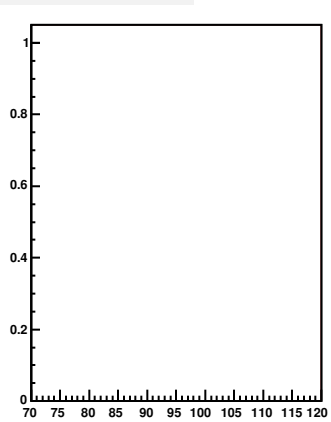
higgsww-CMUP_CMU Mass



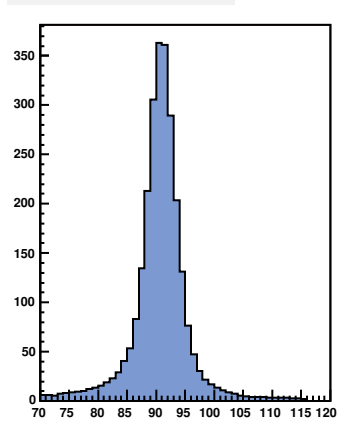
data-CMUP_CMU Mass



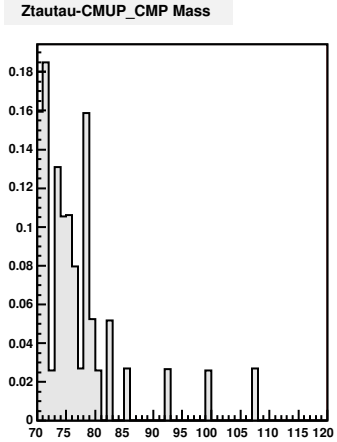
Zee-CMUP_CMP Mass



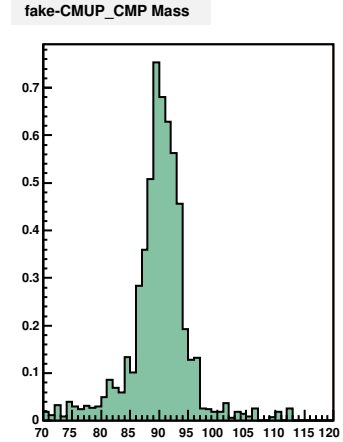
Zmumu-CMUP_CMP Mass



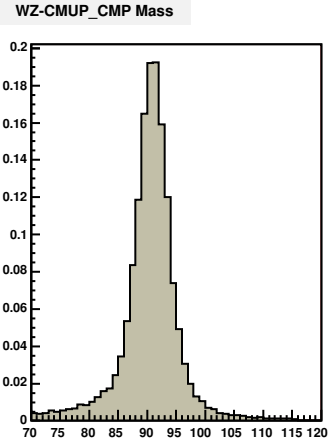
Ztautau-CMUP_CMP Mass



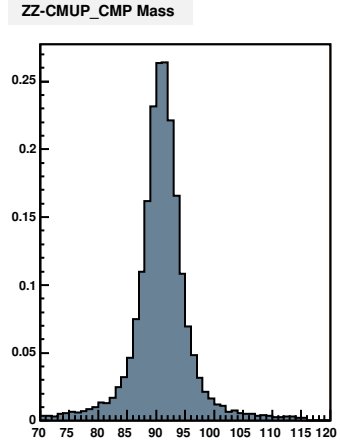
fake-CMUP_CMP Mass



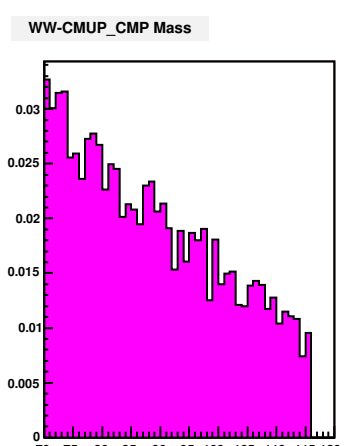
WZ-CMUP_CMP Mass



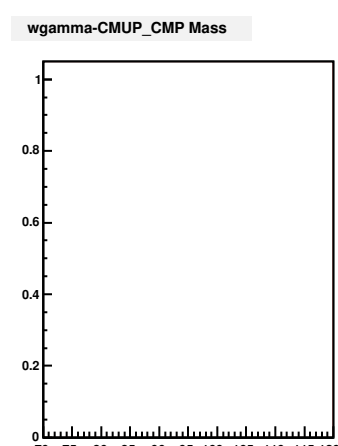
ZZ-CMUP_CMP Mass



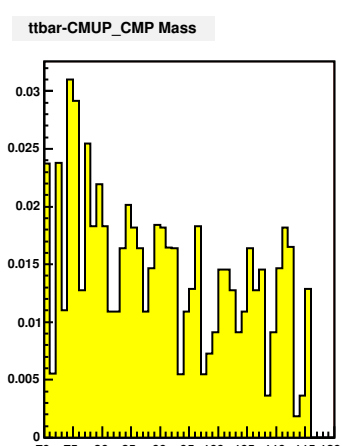
WW-CMUP_CMP Mass



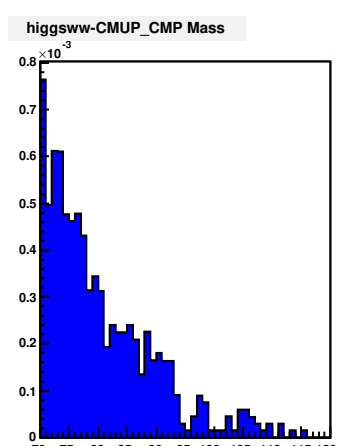
wgamma-CMUP_CMP Mass



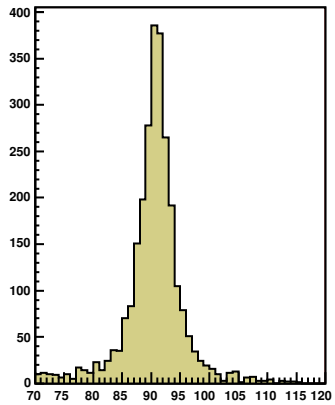
ttbar-CMUP_CMP Mass



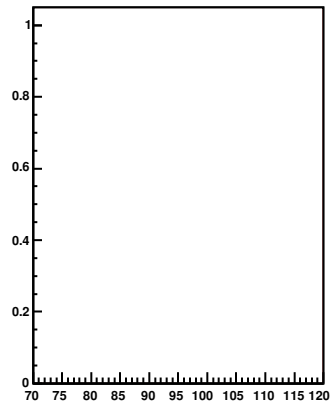
higgsww-CMUP_CMP Mass



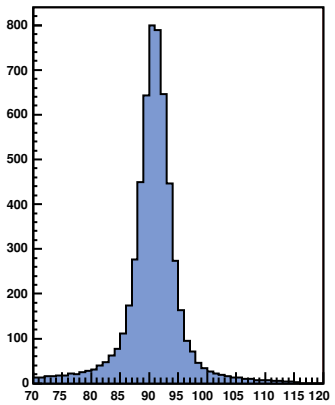
data-CMUP_CMP Mass



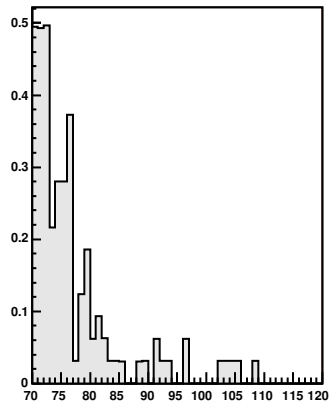
Zee-CMUP_CMX Mass



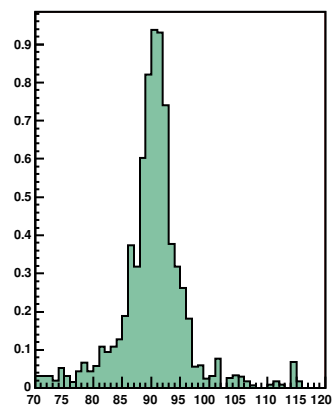
Zmumu-CMUP_CMX Mass



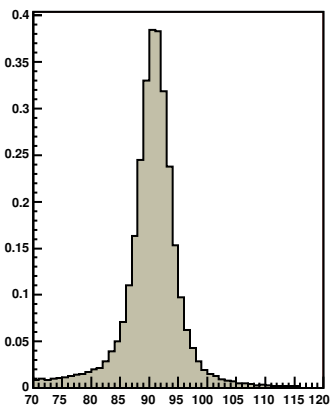
Ztautau-CMUP_CMX Mass



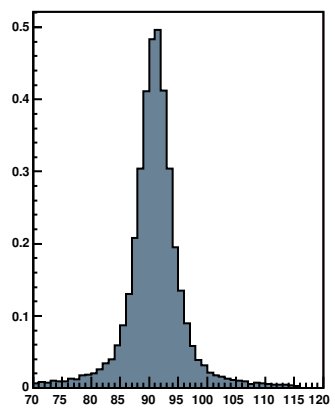
fake-CMUP_CMX Mass



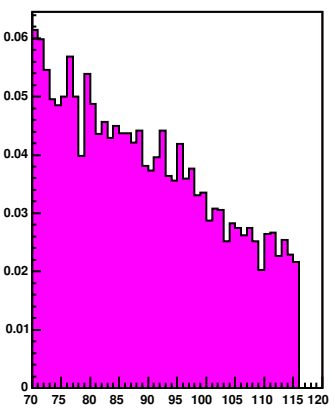
WZ-CMUP_CMX Mass



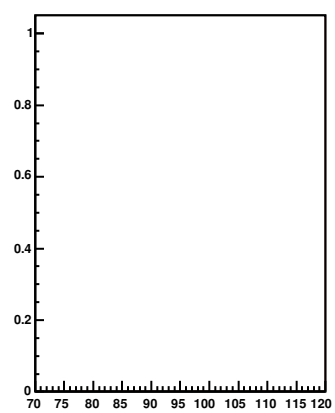
ZZ-CMUP_CMX Mass



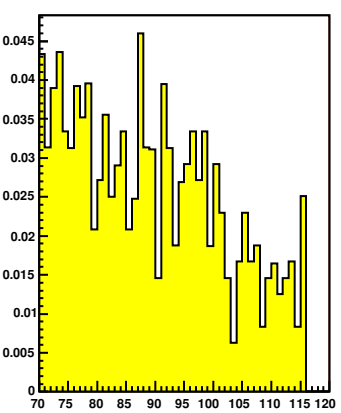
WW-CMUP_CMX Mass



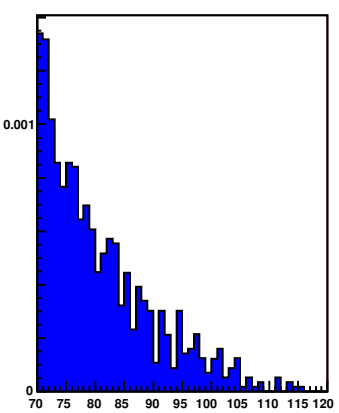
wgamma-CMUP_CMX Mass



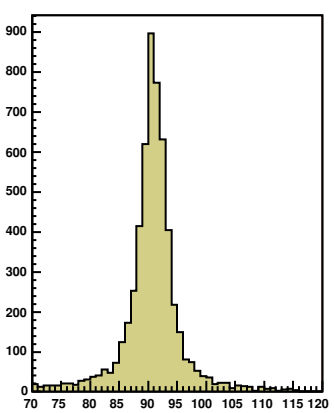
ttbar-CMUP_CMX Mass



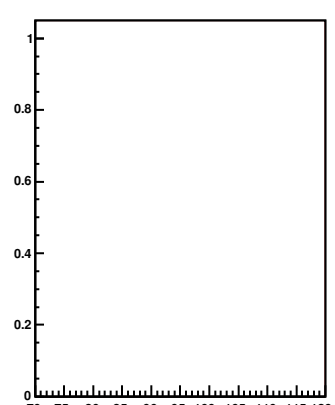
higgsww-CMUP_CMX Mass



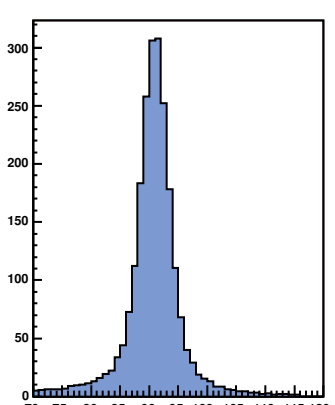
data-CMUP_CMX Mass



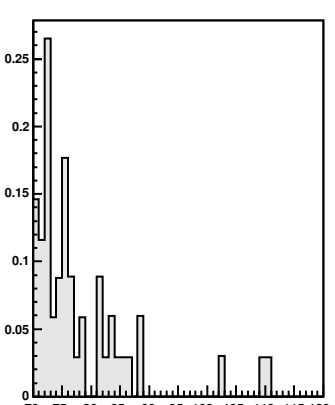
Zee-CMUP_CMIO Mass



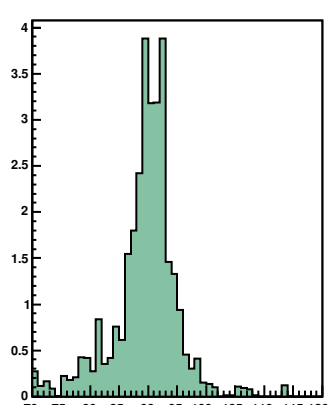
Zmumu-CMUP_CMIO Mass



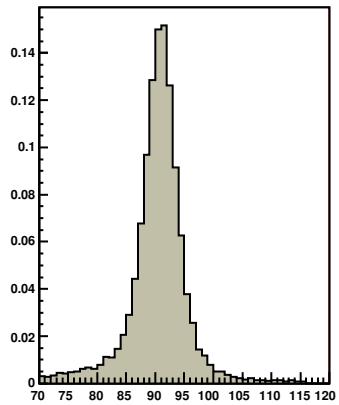
Ztautau-CMUP_CMIO Mass



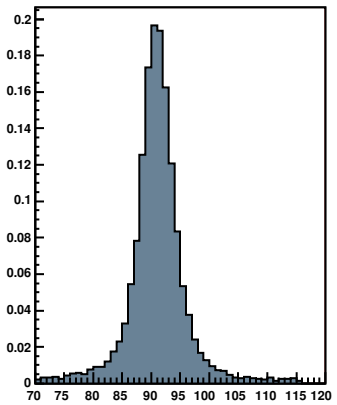
fake-CMUP_CMIO Mass



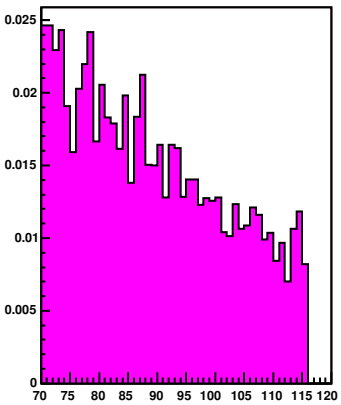
WZ-CMUP_CMIO Mass



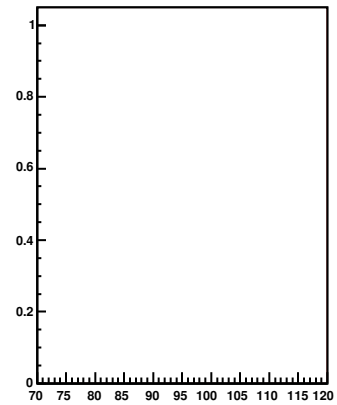
ZZ-CMUP_CMIO Mass



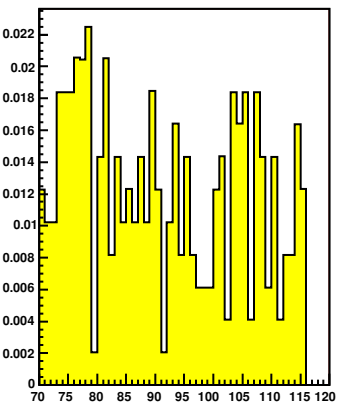
WW-CMUP_CMIO Mass



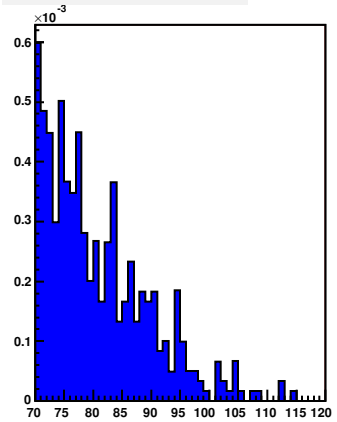
wgamma-CMUP_CMIO Mass



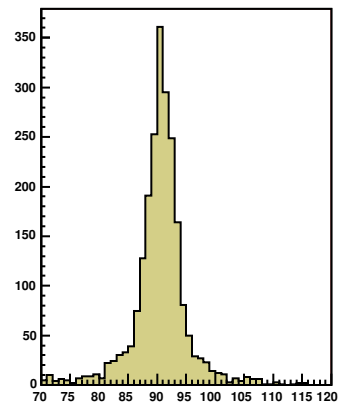
ttbar-CMUP_CMIO Mass



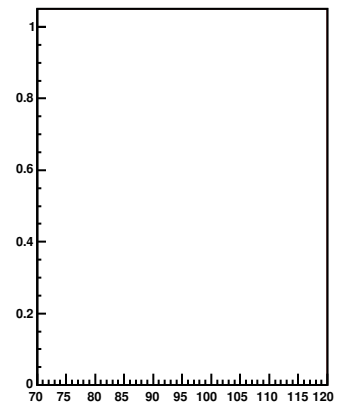
higgsww-CMUP_CMIO Mass



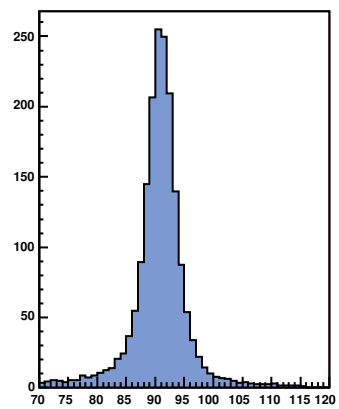
data-CMUP_CMIO Mass



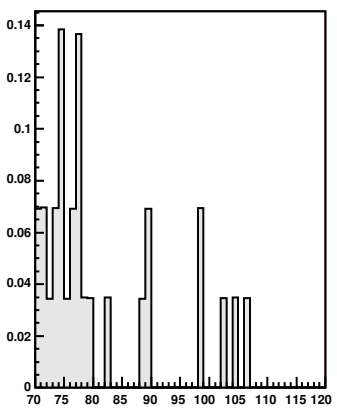
Zee-CMX_CMX Mass



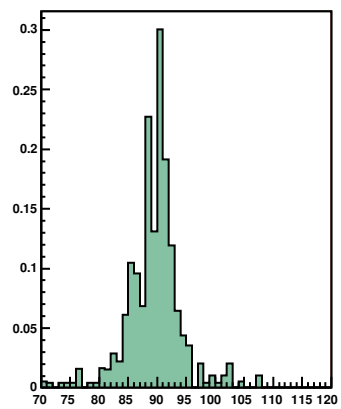
Zmumu-CMX_CMX Mass



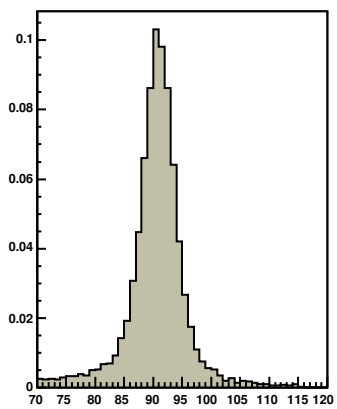
Ztautau-CMX_CMX Mass



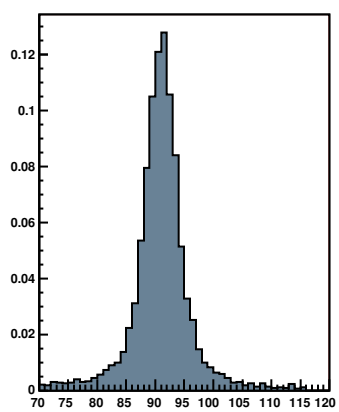
fake-CMX_CMX Mass



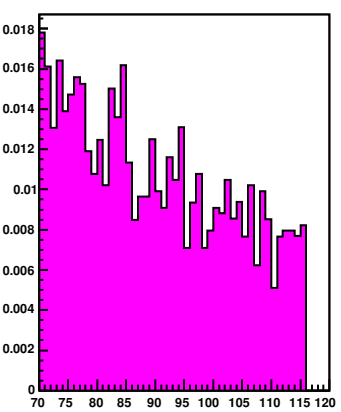
WZ-CMX_CMX Mass



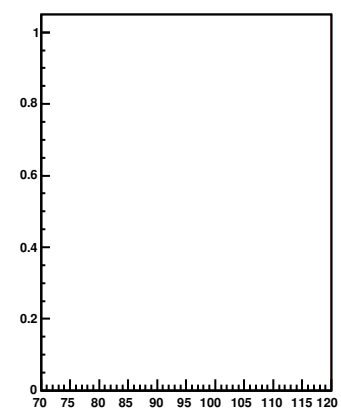
ZZ-CMX_CMX Mass



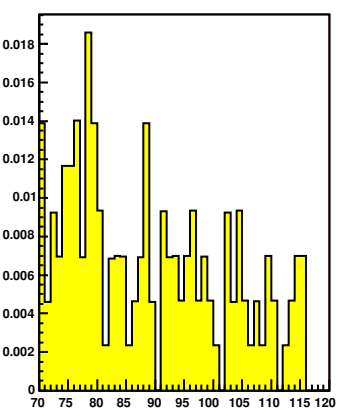
WW-CMX_CMX Mass



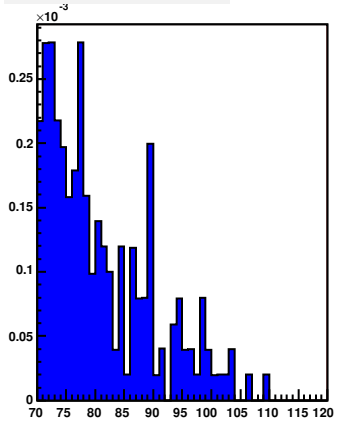
wgamma-CMX_CMX Mass



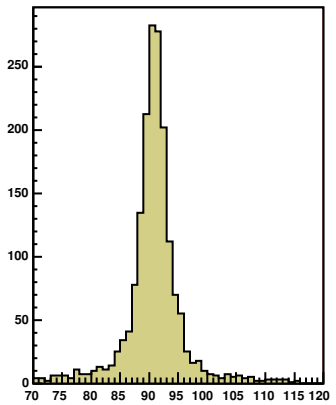
ttbar-CMX_CMX Mass



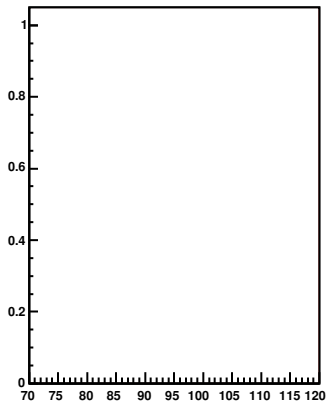
higgsww-CMX_CMX Mass



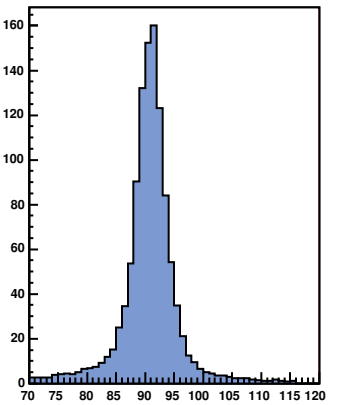
data-CMX_CMX Mass



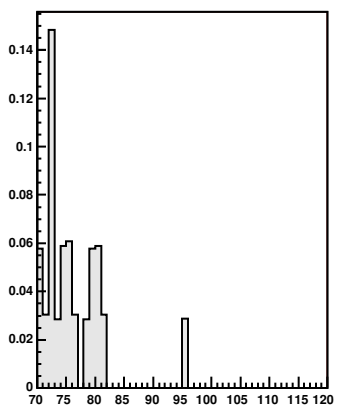
Zee-CMX_CMU Mass



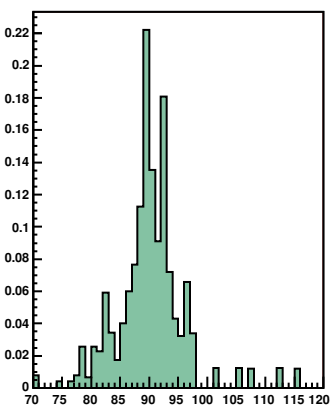
Zmumu-CMX_CMU Mass



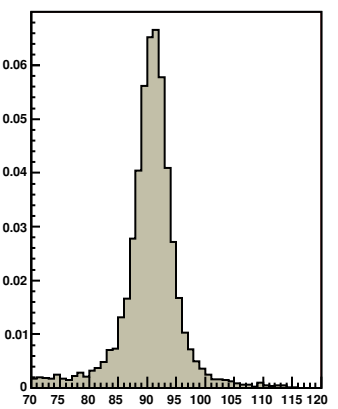
Ztautau-CMX_CMU Mass



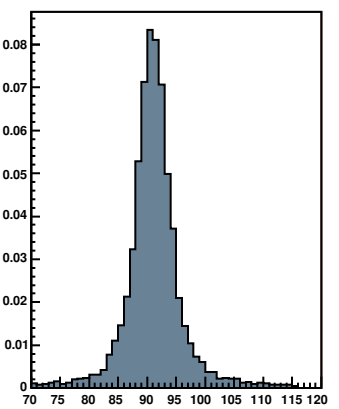
fake-CMX_CMU Mass



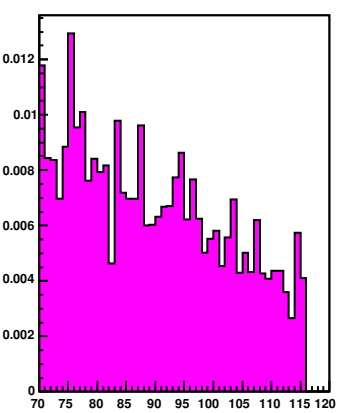
WZ-CMX_CMU Mass



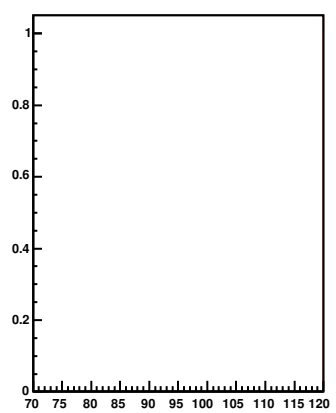
ZZ-CMX_CMU Mass



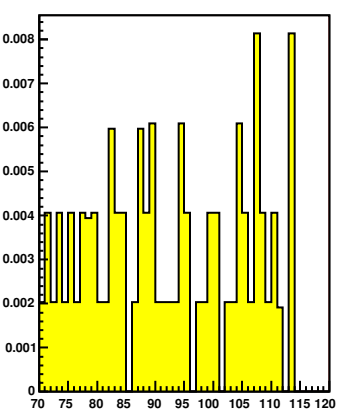
WW-CMX_CMU Mass



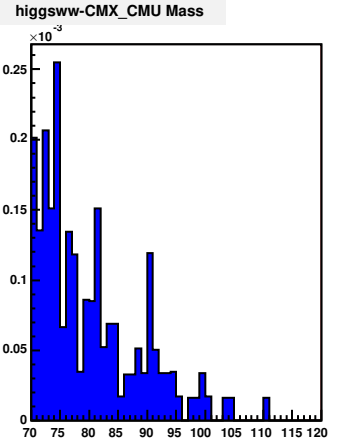
wgamma-CMX_CMU Mass



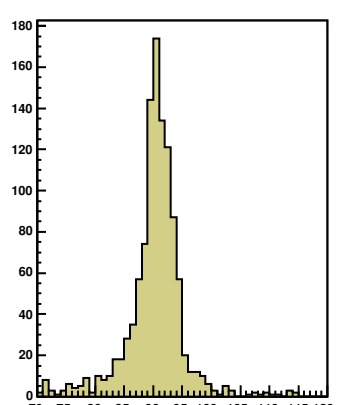
ttbar-CMX_CMU Mass



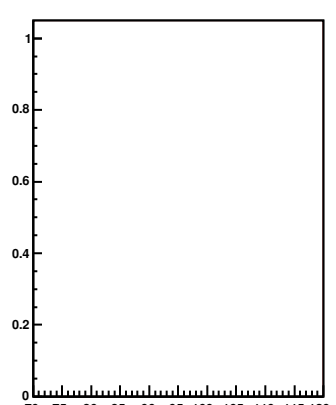
higgsww-CMX_CMU Mass



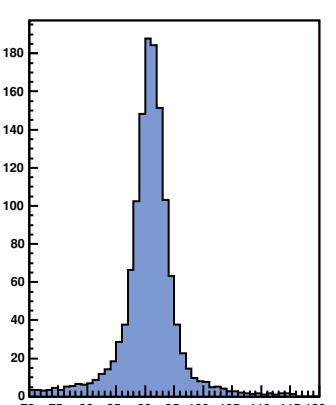
data-CMX_CMU Mass



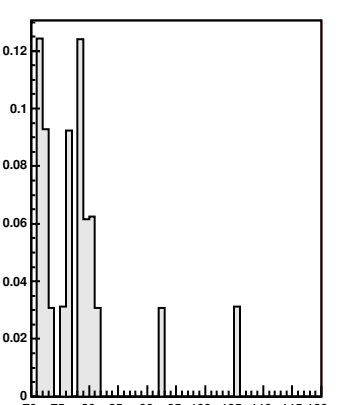
Zee-CMX_CMP Mass



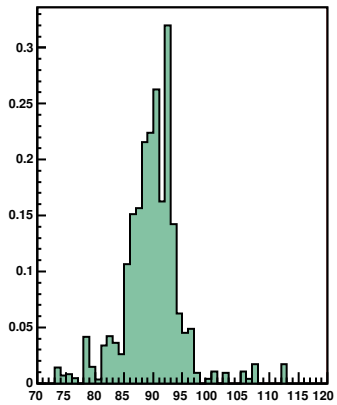
Zmumu-CMX_CMP Mass



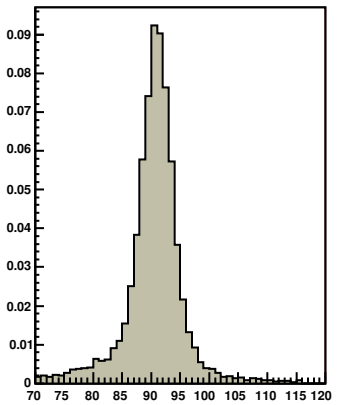
Ztautau-CMX_CMP Mass



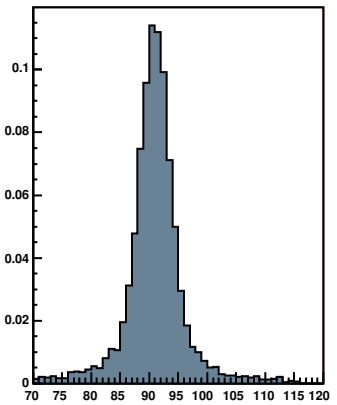
fake-CMX_CMP Mass



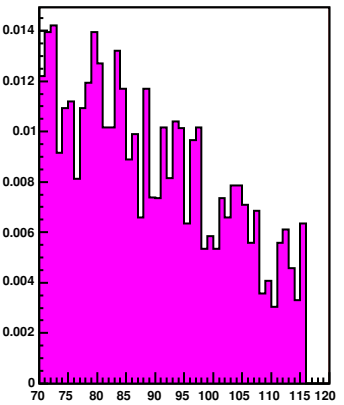
WZ-CMX_CMP Mass



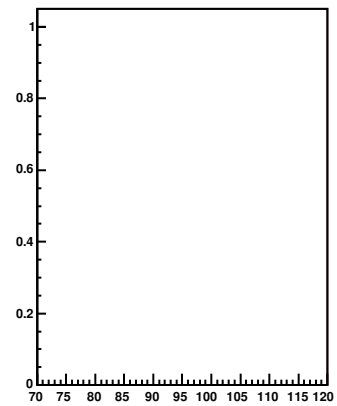
ZZ-CMX_CMP Mass



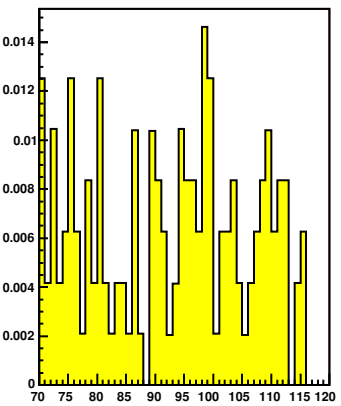
WW-CMX_CMP Mass



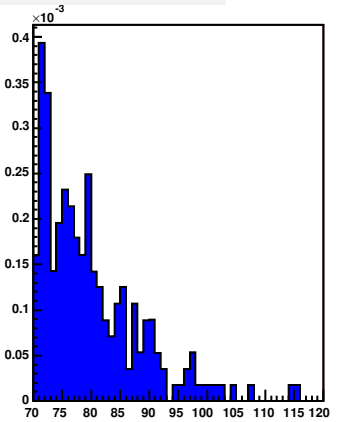
wgamma-CMX_CMP Mass



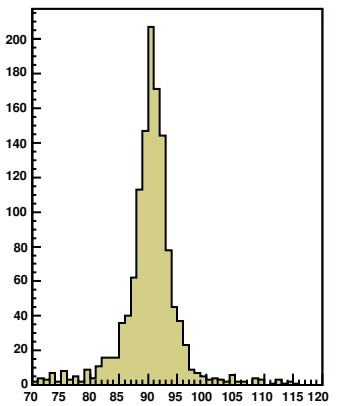
ttbar-CMX_CMP Mass



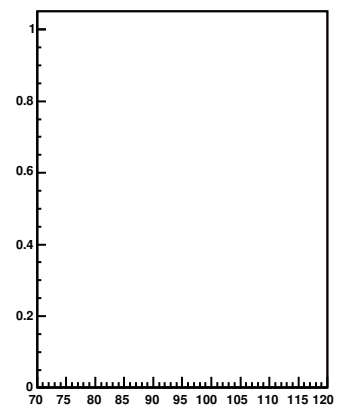
higgsww-CMX_CMP Mass



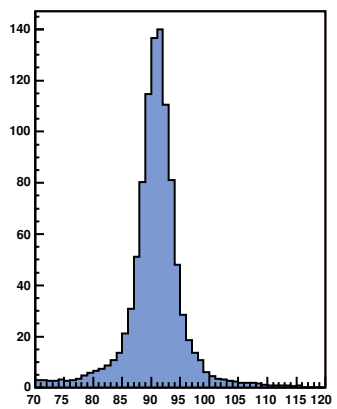
data-CMX_CMP Mass



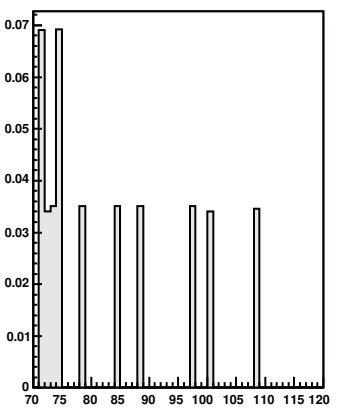
Zee-CMX_CMIO Mass



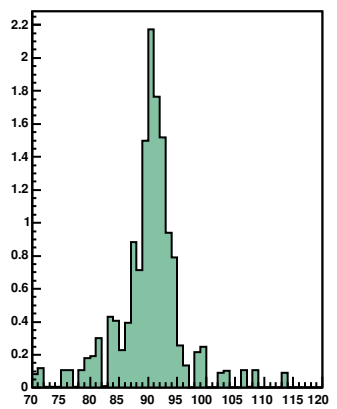
Zmumu-CMX_CMIO Mass



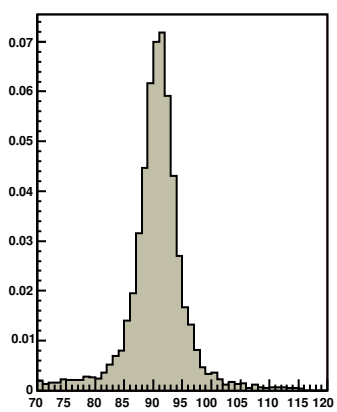
Ztautau-CMX_CMIO Mass



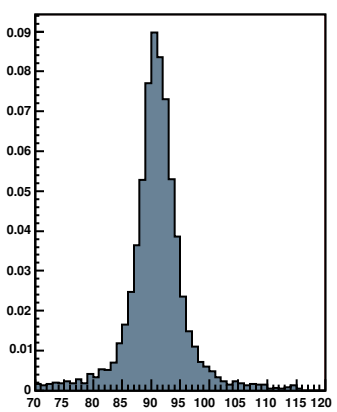
fake-CMX_CMIO Mass



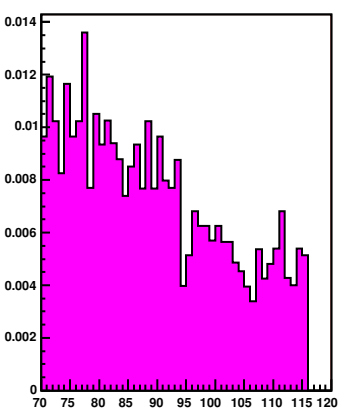
WZ-CMX_CMIO Mass



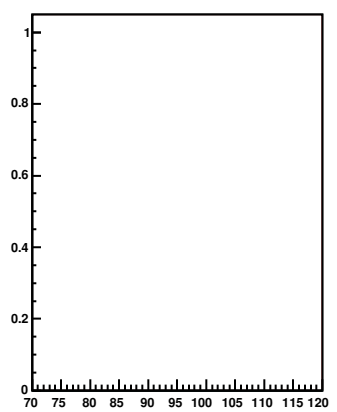
ZZ-CMX_CMIO Mass



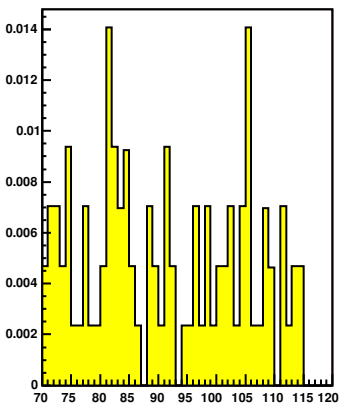
WW-CMX_CMIO Mass



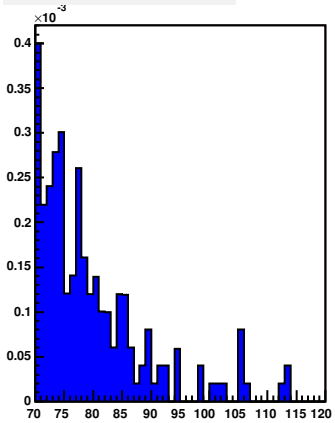
wgamma-CMX_CMIO Mass



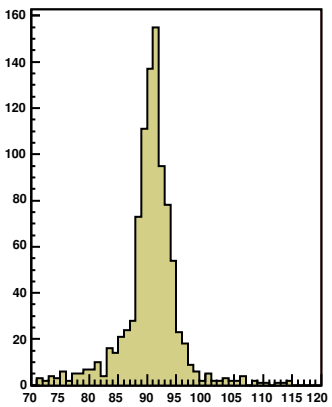
ttbar-CMX_CMIO Mass



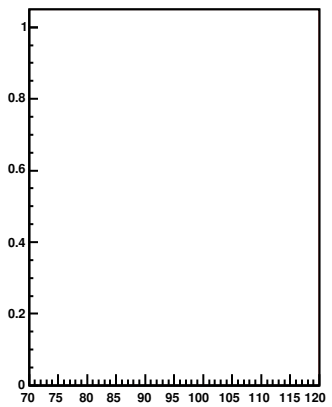
higgsww-CMX_CMIO Mass



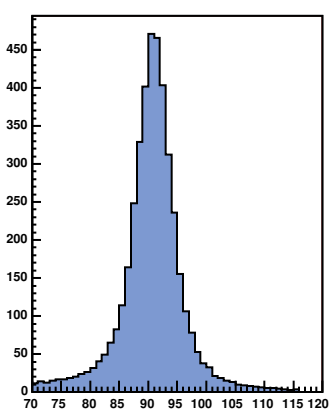
data-CMX_CMIO Mass



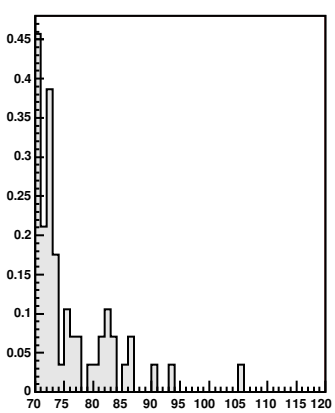
Zee-CMUP_BMU Mass



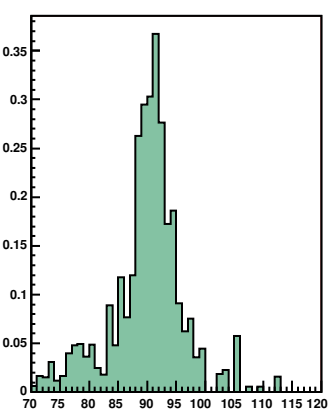
Zmumu-CMUP_BMU Mass



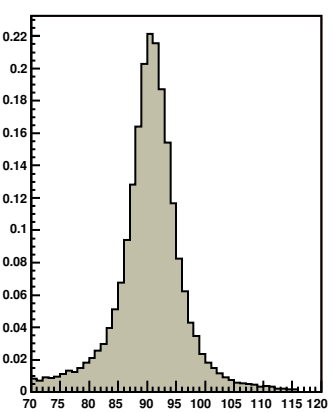
Ztautau-CMUP_BMU Mass



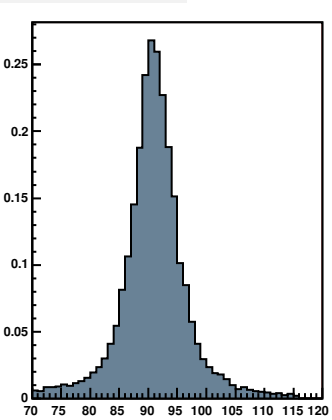
fake-CMUP_BMU Mass



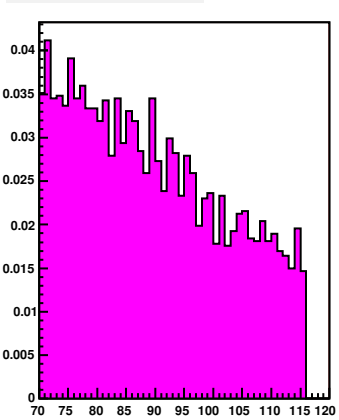
WZ-CMUP_BMU Mass



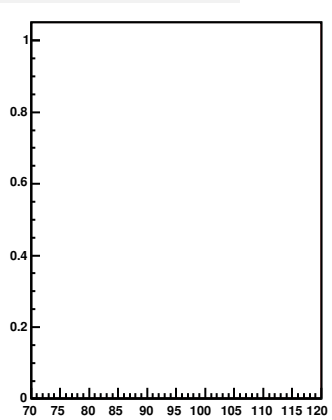
ZZ-CMUP_BMU Mass



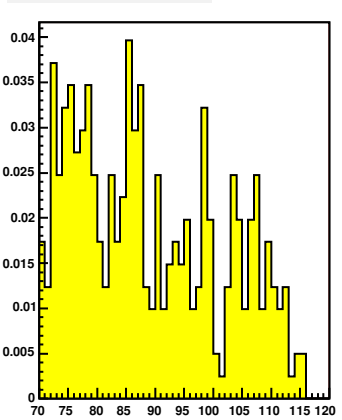
WW-CMUP_BMU Mass



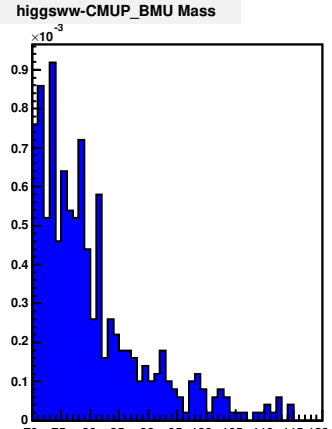
wgamma-CMUP_BMU Mass



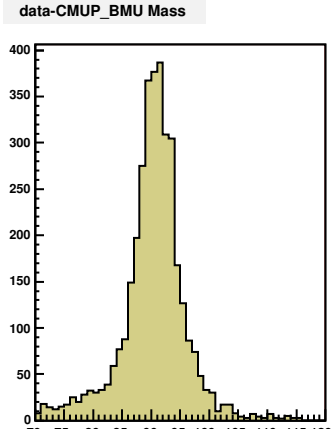
ttbar-CMUP_BMU Mass



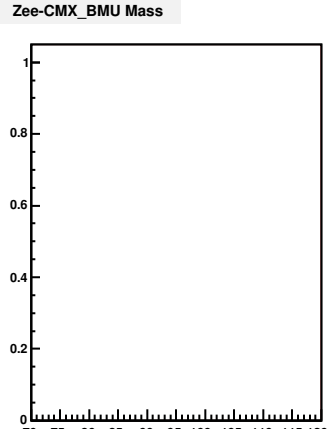
higgsww-CMUP_BMU Mass



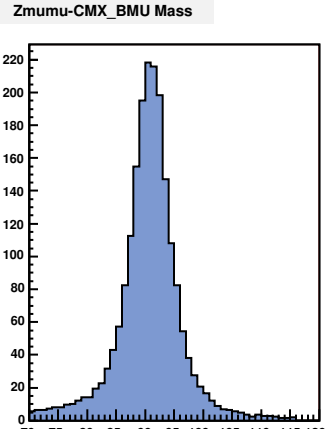
data-CMUP_BMU Mass



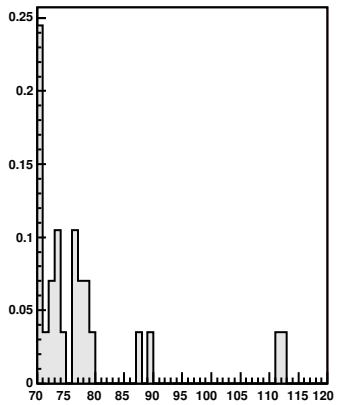
Zee-CMX_BMU Mass



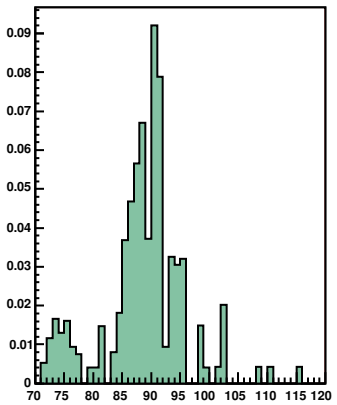
Zmumu-CMX_BMU Mass



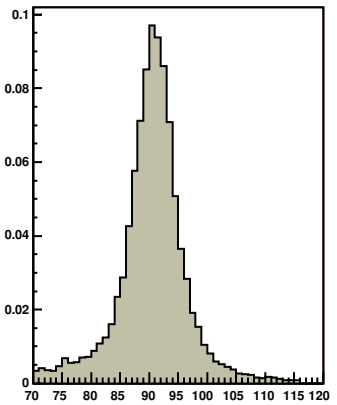
Ztautau-CMX_BMU Mass



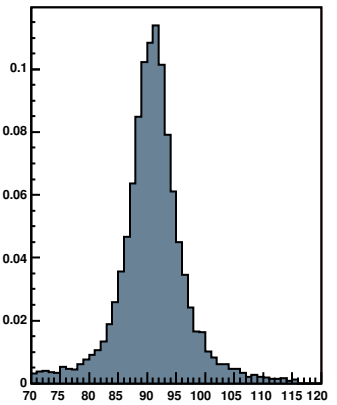
fake-CMX_BMU Mass



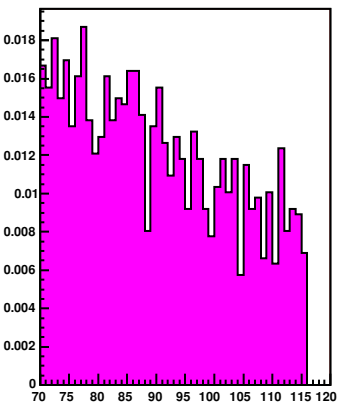
WZ-CMX_BMU Mass



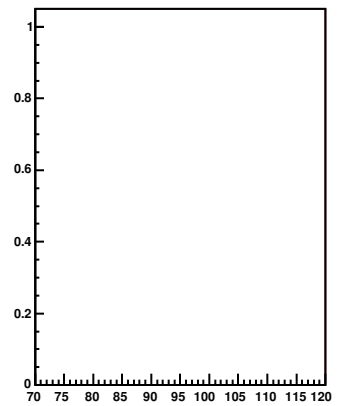
ZZ-CMX_BMU Mass



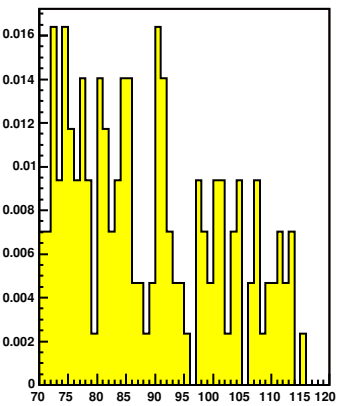
WW-CMX_BMU Mass



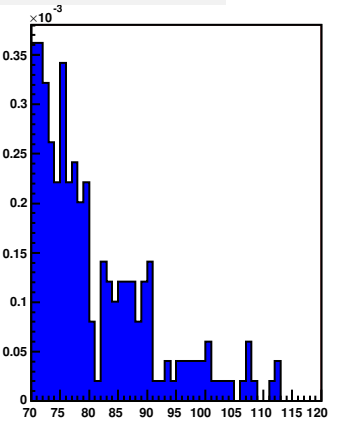
wgamma-CMX_BMU Mass



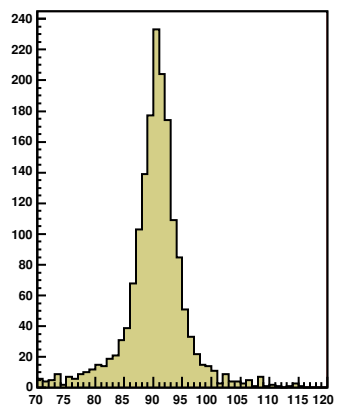
ttbar-CMX_BMU Mass



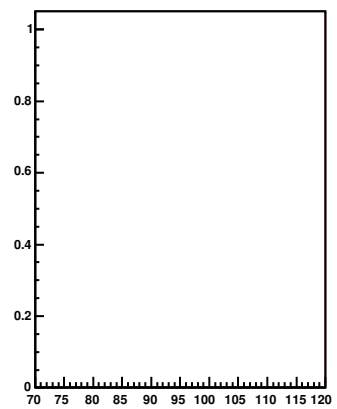
higgsww-CMX_BMU Mass



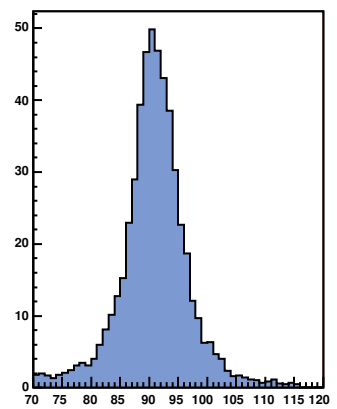
data-CMX_BMU Mass



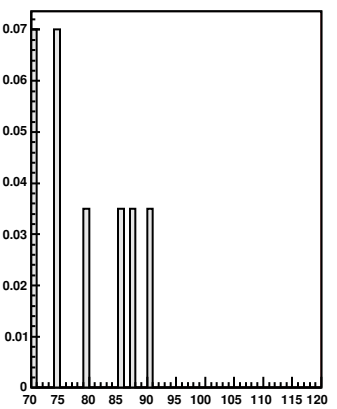
Zee-BMU_BMU Mass



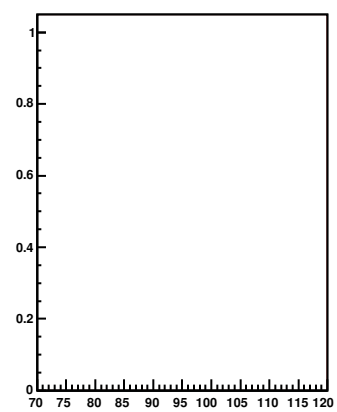
Zmumu-BMU_BMU Mass



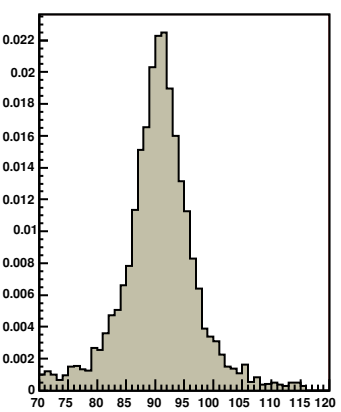
Ztautau-BMU_BMU Mass



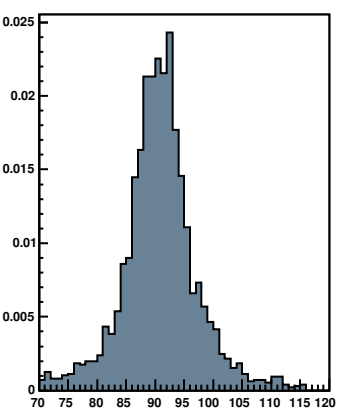
fake-BMU_BMU Mass



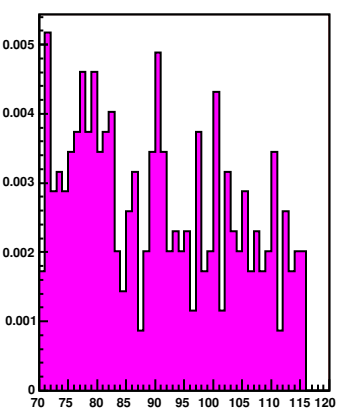
WZ-BMU_BMU Mass



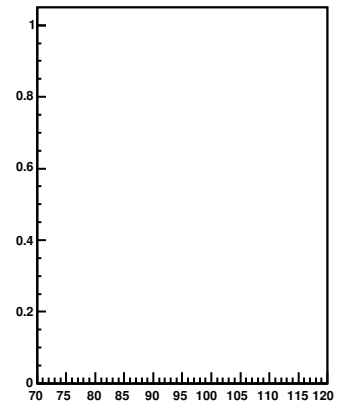
ZZ-BMU_BMU Mass



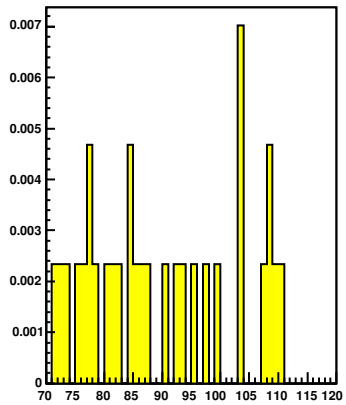
WW-BMU_BMU Mass



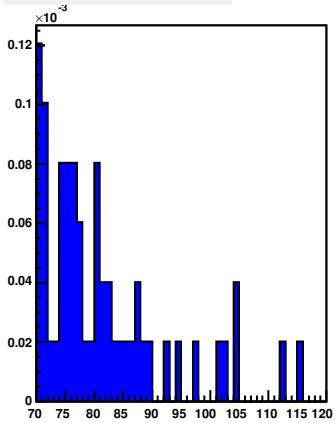
wgamma-BMU_BMU Mass



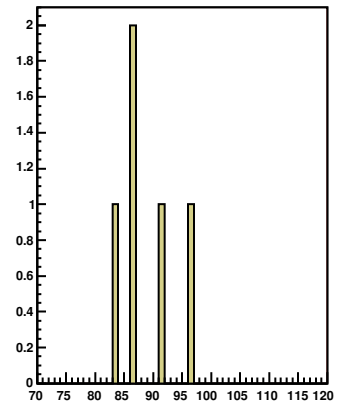
ttbar-BMU_BMU Mass



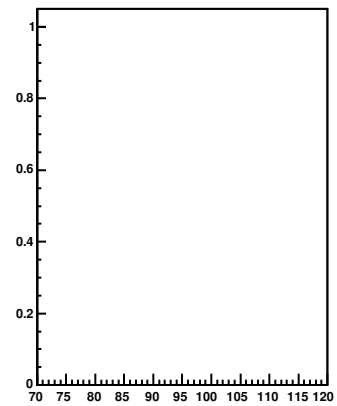
higgsww-BMU_BMU Mass



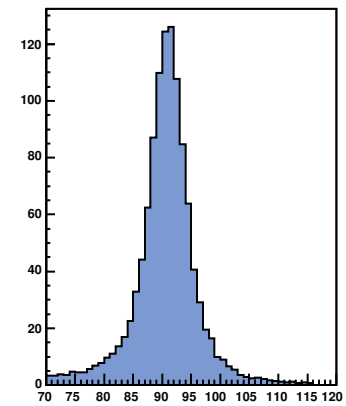
data-BMU_BMU Mass



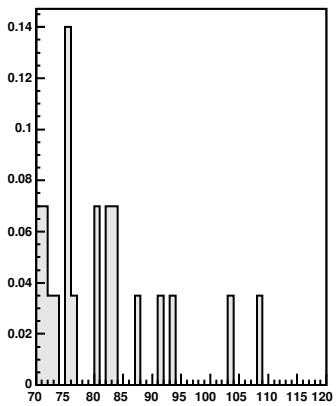
Zee-CMP_BMU Mass



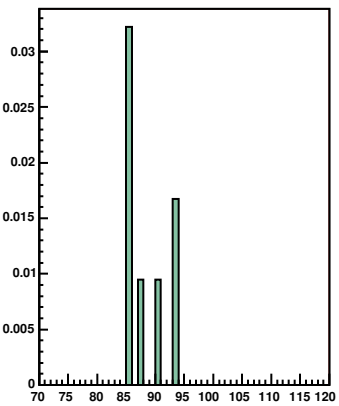
Zmumu-CMP_BMU Mass



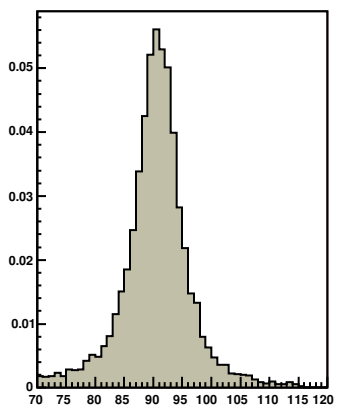
Ztautau-CMP_BMU Mass



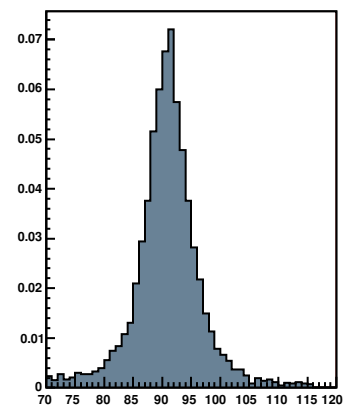
fake-CMP_BMU Mass



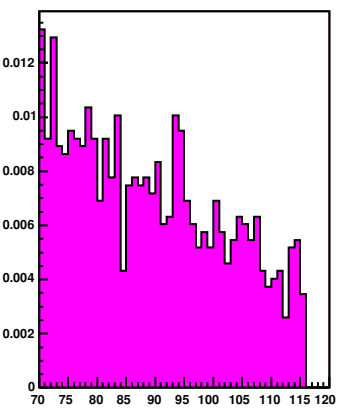
WZ-CMP_BMU Mass



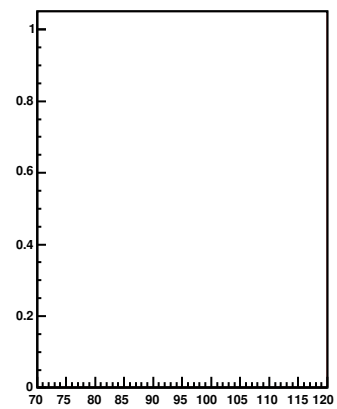
ZZ-CMP_BMU Mass



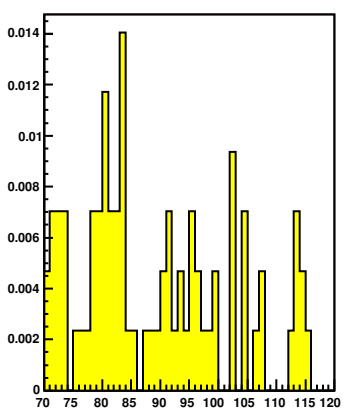
WW-CMP_BMU Mass



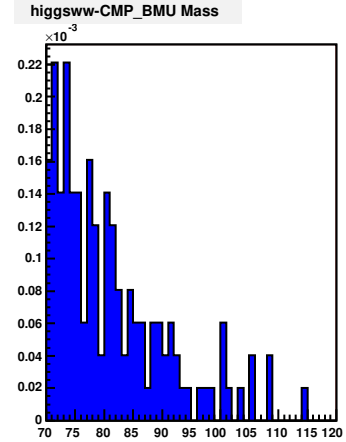
wgamma-CMP_BMU Mass



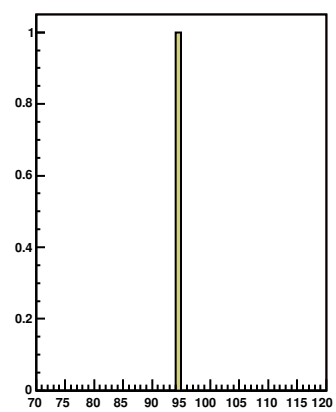
ttbar-CMP_BMU Mass



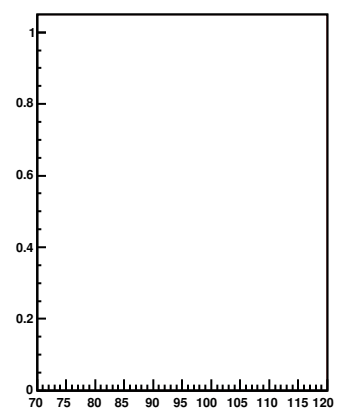
higgsww-CMP_BMU Mass



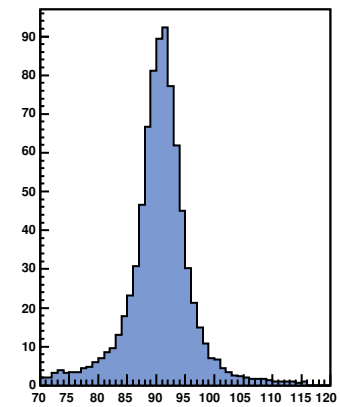
data-CMP_BMU Mass



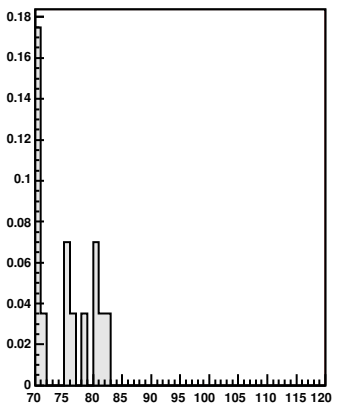
Zee-CMIO_BMU Mass



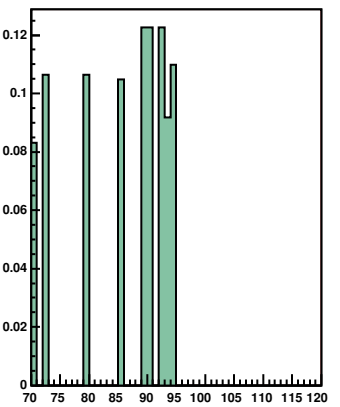
Zmumu-CMIO_BMU Mass



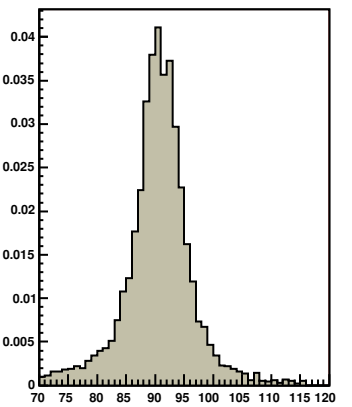
Ztautau-CMIO_BMU Mass



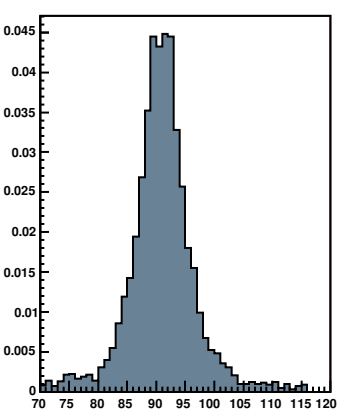
fake-CMIO_BMU Mass



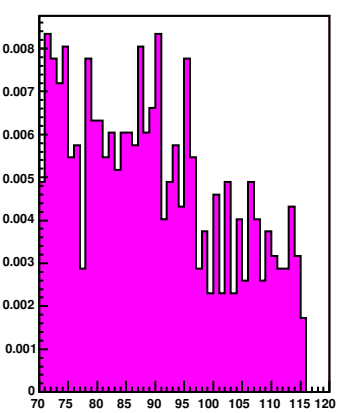
WZ-CMIO_BMU Mass



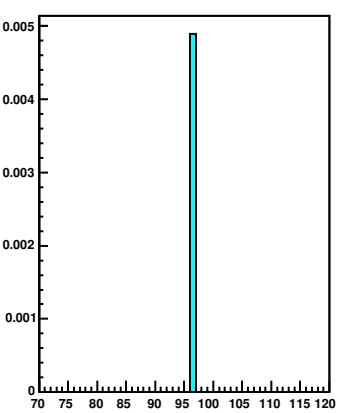
ZZ-CMIO_BMU Mass



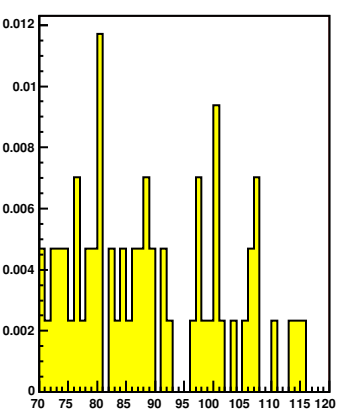
WW-CMIO_BMU Mass



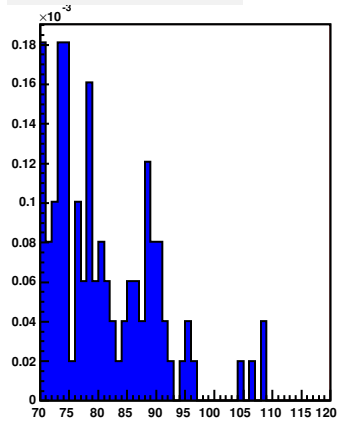
wgamma-CMIO_BMU Mass



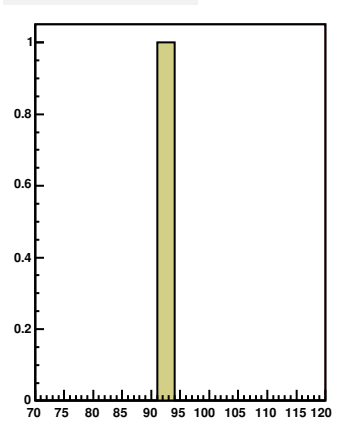
ttbar-CMIO_BMU Mass



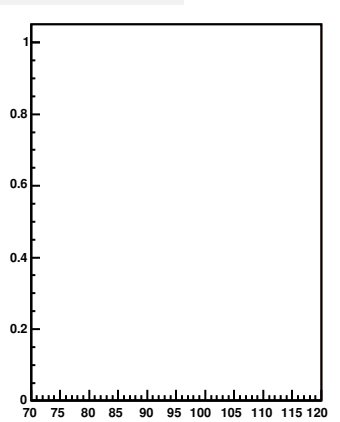
higgsww-CMIO_BMU Mass



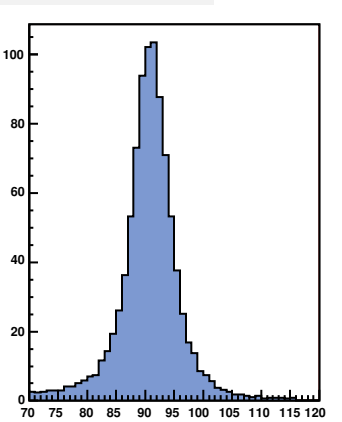
data-CMIO_BMU Mass



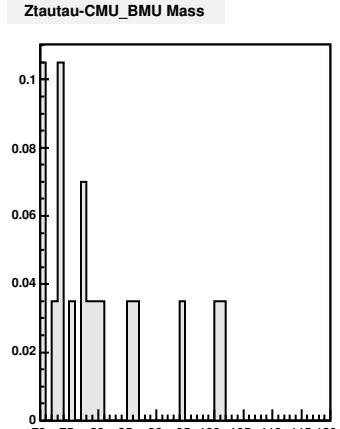
Zee-CMU_BMU Mass



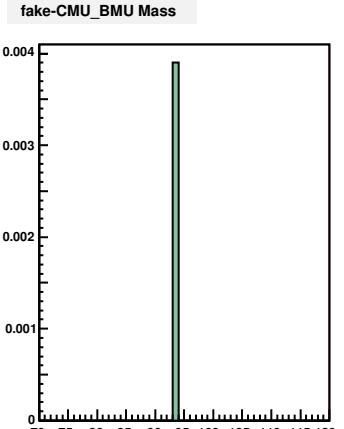
Zmumu-CMU_BMU Mass



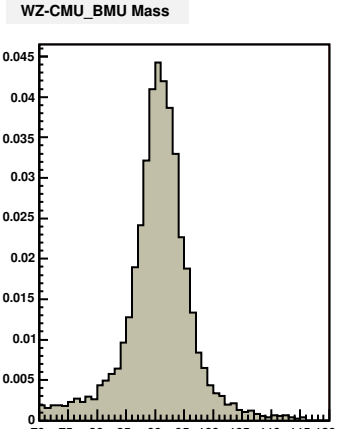
Ztautau-CMU_BMU Mass



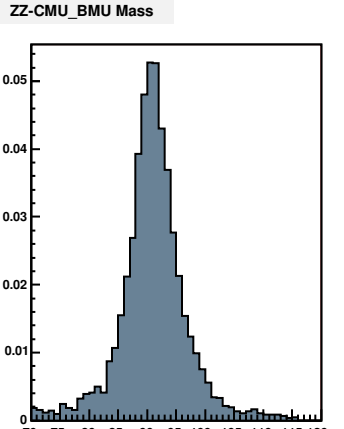
fake-CMU_BMU Mass



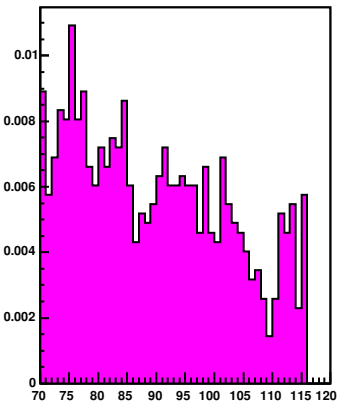
WZ-CMU_BMU Mass



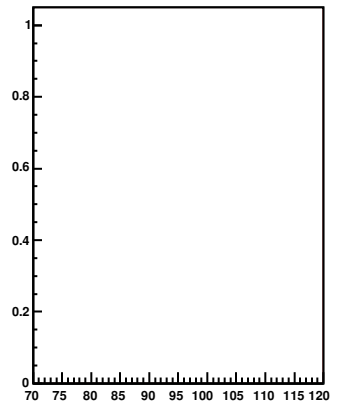
ZZ-CMU_BMU Mass



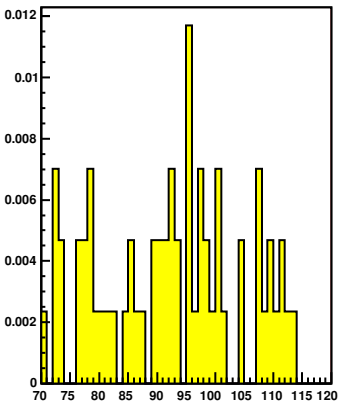
WW-CMU_BMU Mass



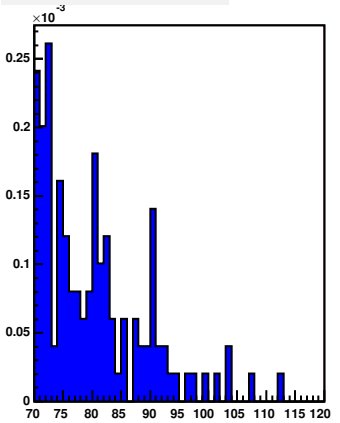
wgamma-CMU_BMU Mass



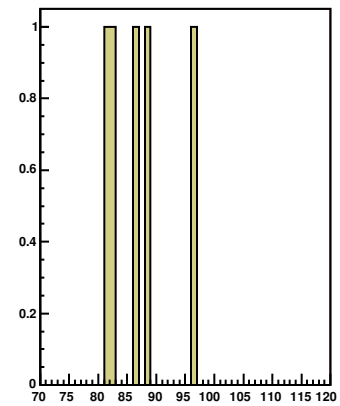
ttbar-CMU_BMU Mass



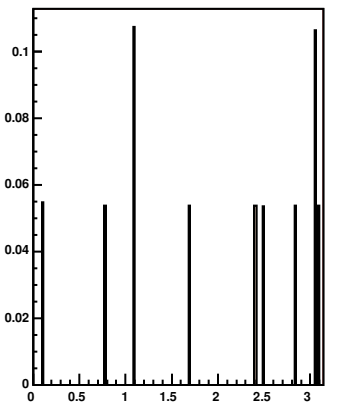
higgsww-CMU_BMU Mass



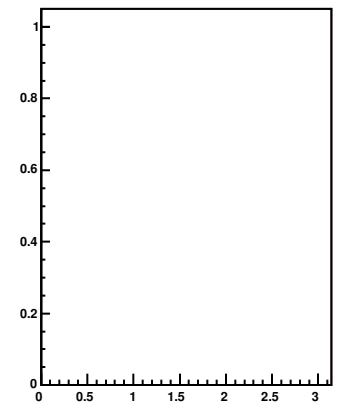
data-CMU_BMU Mass



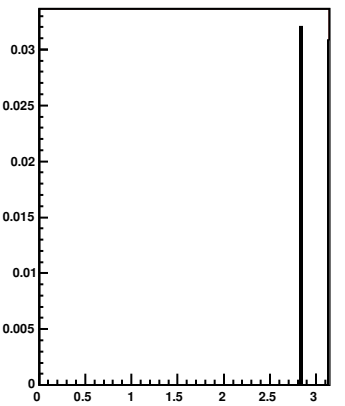
Zee-TCE_TCE dilDphilike



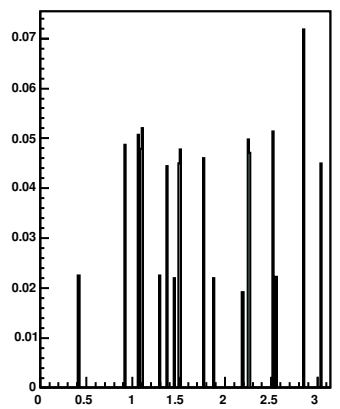
Zmumu-TCE_TCE dilDphilike



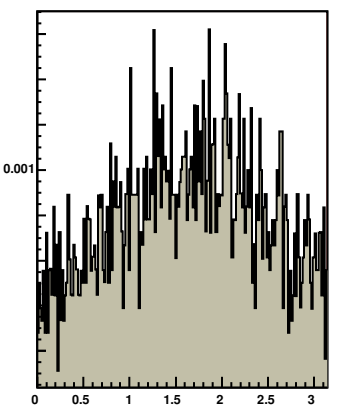
Ztautau-TCE_TCE dilDphilike



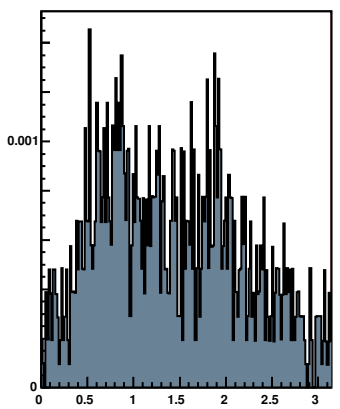
fake-TCE_TCE dilDphilike



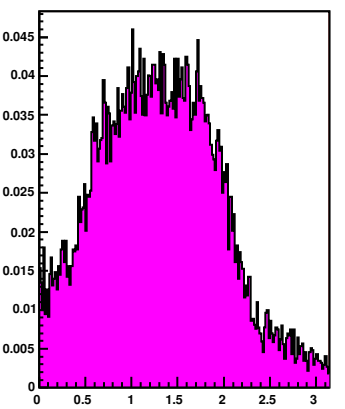
WZ-TCE_TCE dilDphilike



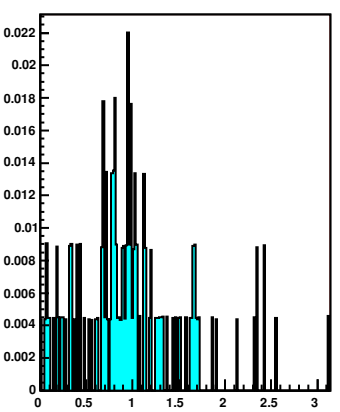
ZZ-TCE_TCE dilDphilike



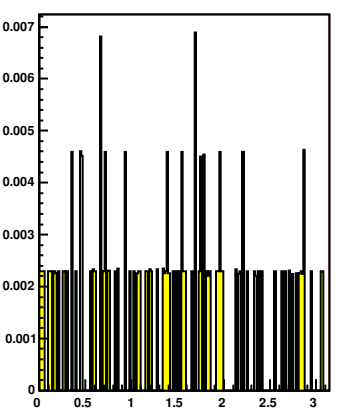
WW-TCE_TCE dilDphilike



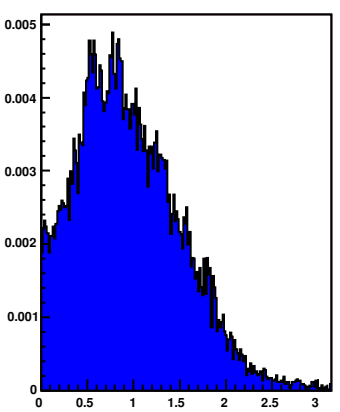
wgamma-TCE_TCE dilDphilike



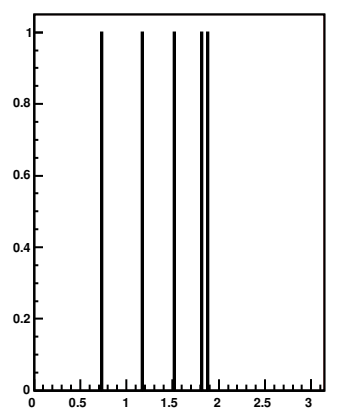
ttbar-TCE_TCE dilDphilike



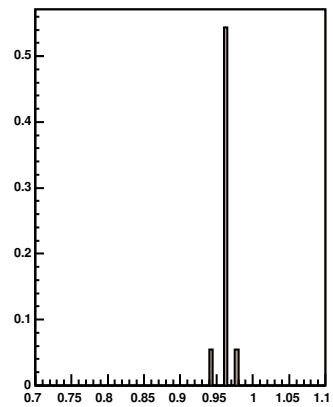
higgsww-TCE_TCE dilDphilike



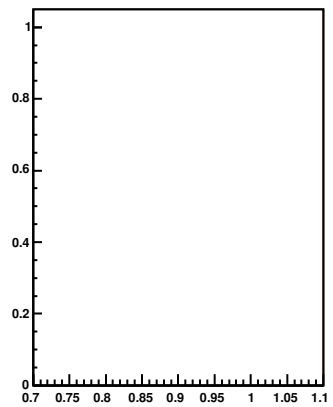
data-TCE_TCE dilDphilike



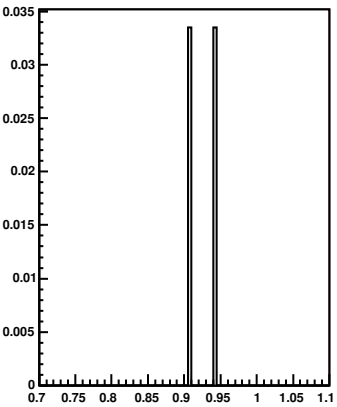
Zee-TCE_TCE rawweight



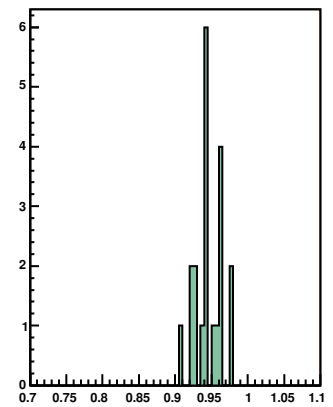
Zmumu-TCE_TCE rawweight



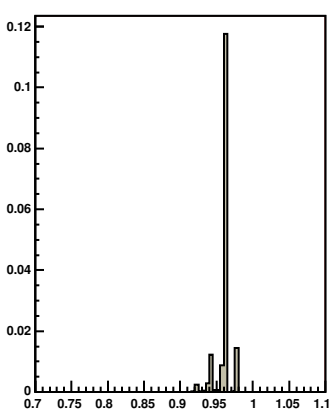
Ztautau-TCE_TCE rawweight



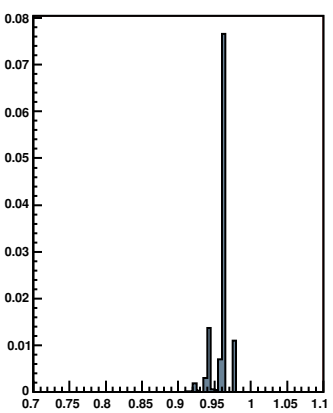
fake-TCE_TCE rawweight



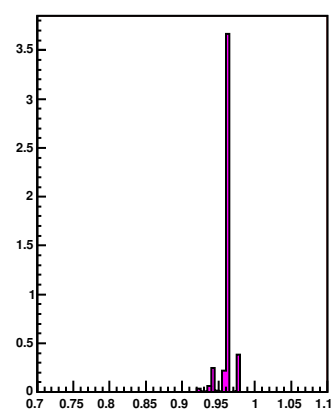
WZ-TCE_TCE rawweight



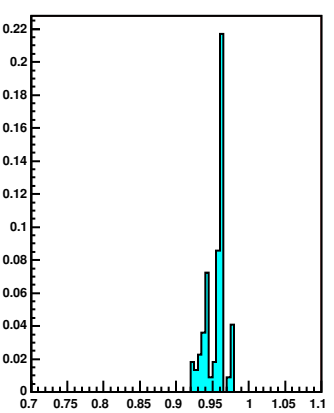
ZZ-TCE_TCE rawweight



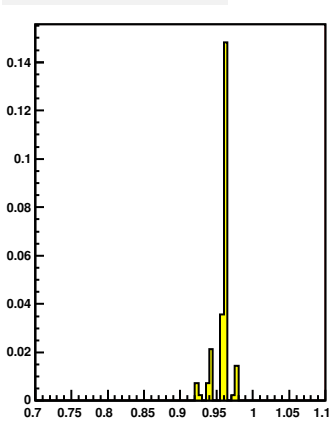
WW-TCE_TCE rawweight



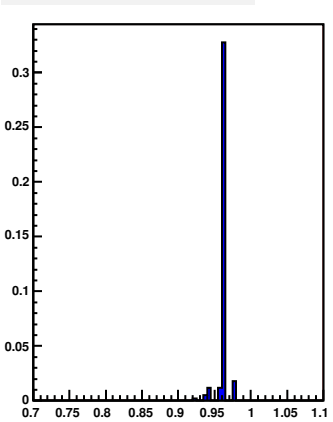
wgamma-TCE_TCE rawweight



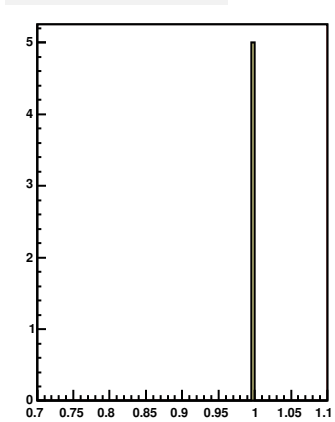
ttbar-TCE_TCE rawweight



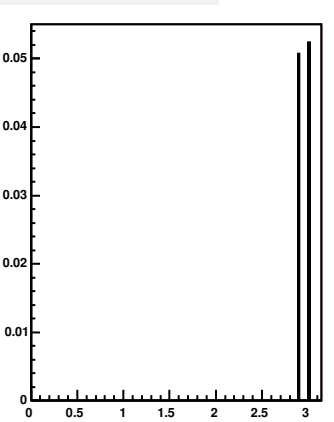
higgsww-TCE_TCE rawweight



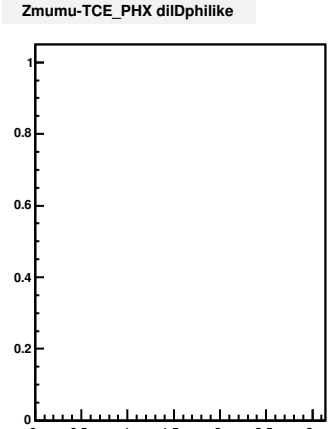
data-TCE_TCE rawweight



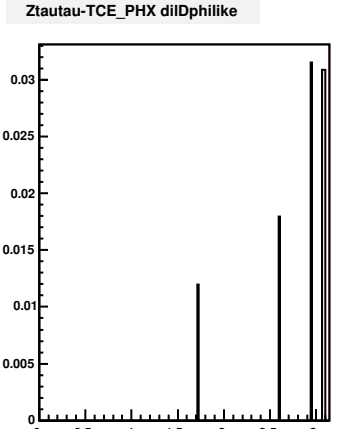
Zee-TCE_PHX dilDphilike



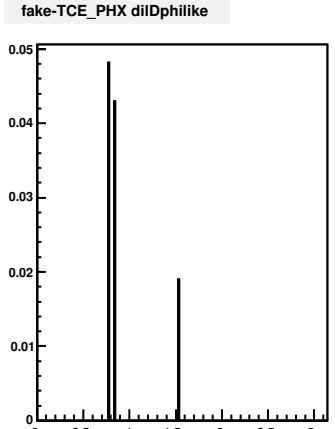
Zmumu-TCE_PHX dilDphilike



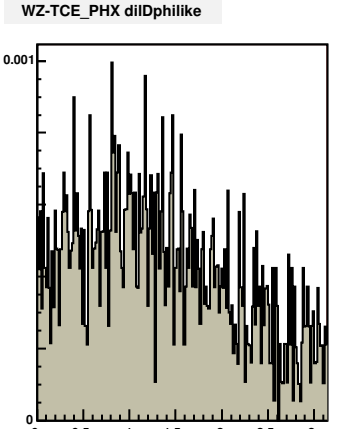
Ztautau-TCE_PHX dilDphilike



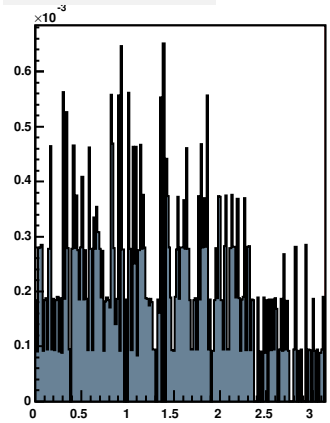
fake-TCE_PHX dilDphilike



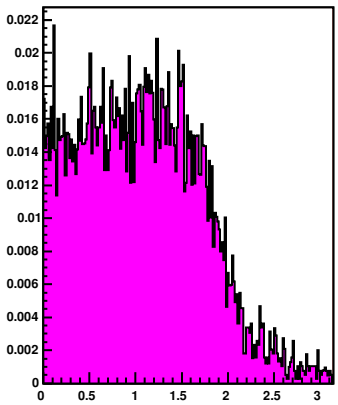
WZ-TCE_PHX dilDphilike



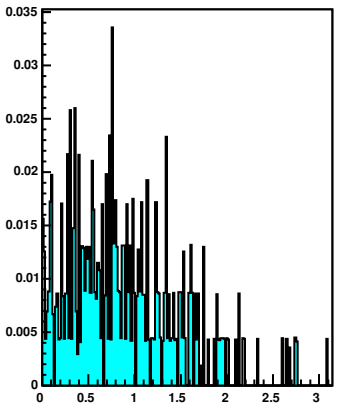
ZZ-TCE_PHX dilDphilike



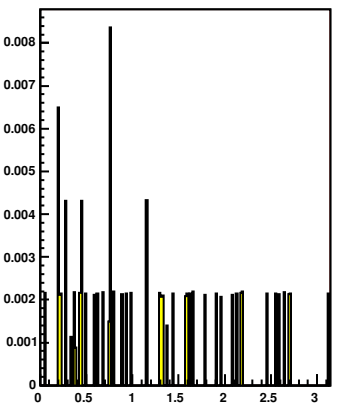
WW-TCE_PHX dilDphilike



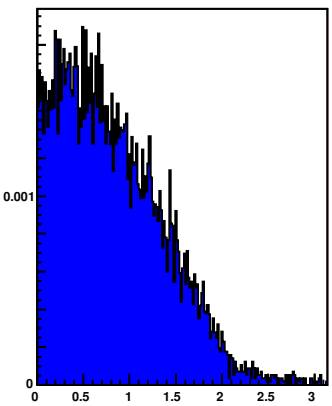
wgamma-TCE_PHX dilDphilike



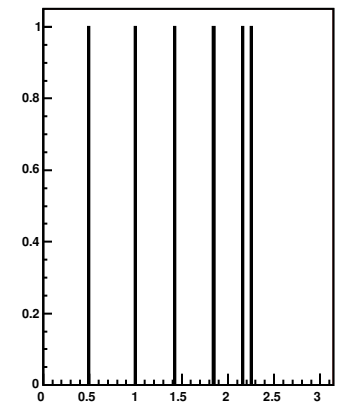
ttbar-TCE_PHX dilDphilike



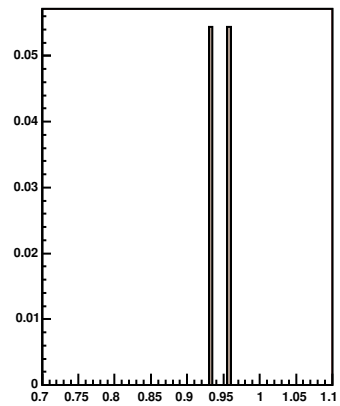
higgsww-TCE_PHX dilDphilike



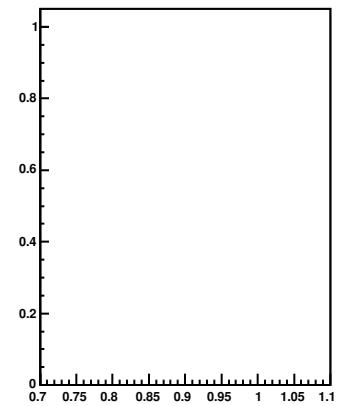
data-TCE_PHX dilDphilike



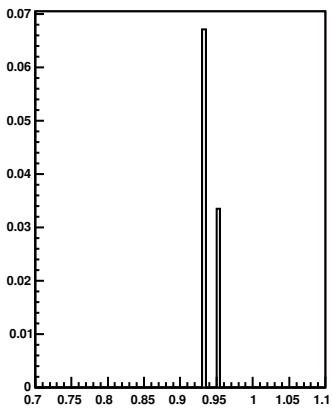
Zee-TCE_PHX rawweight



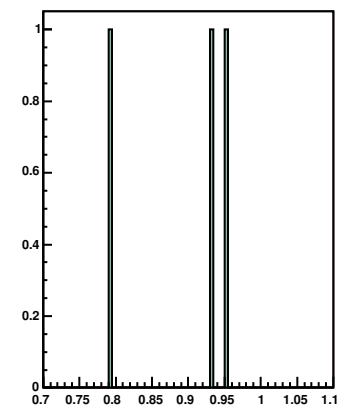
Zmumu-TCE_PHX rawweight



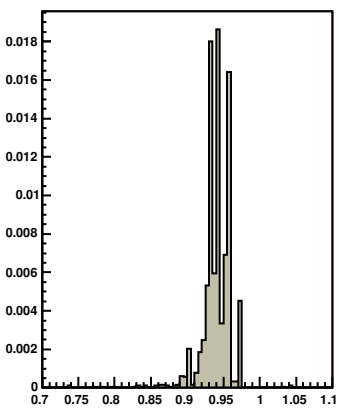
Ztautau-TCE_PHX rawweight



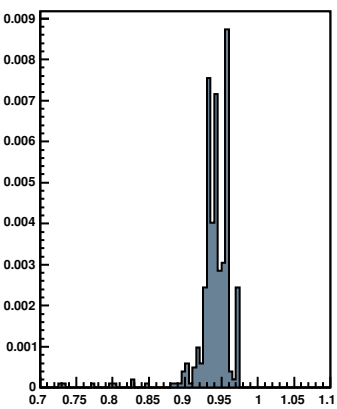
fake-TCE_PHX rawweight



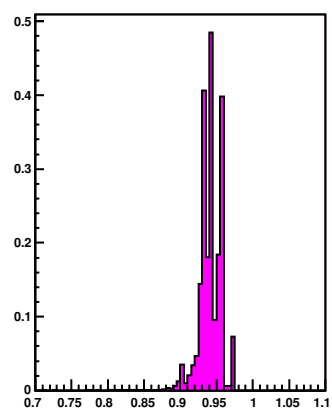
WZ-TCE_PHX rawweight



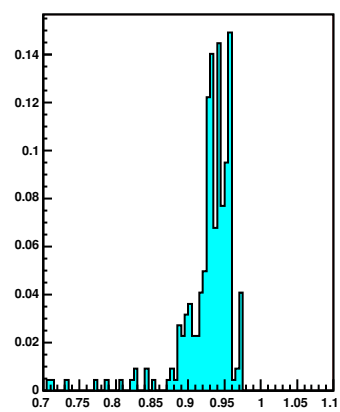
ZZ-TCE_PHX rawweight



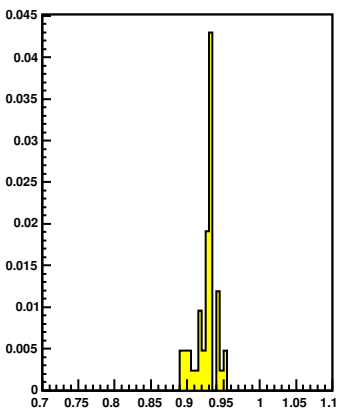
WW-TCE_PHX rawweight



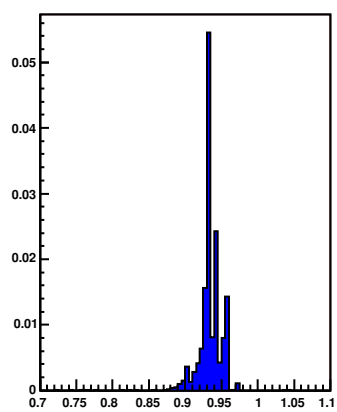
wgamma-TCE_PHX rawweight



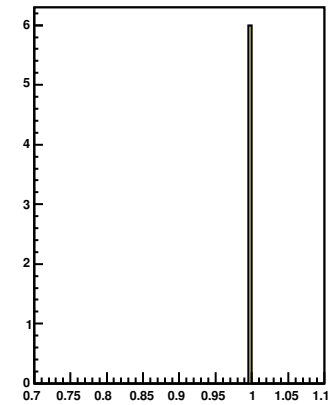
ttbar-TCE_PHX rawweight



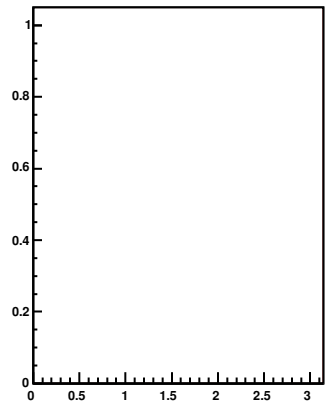
higgsww-TCE_PHX rawweight



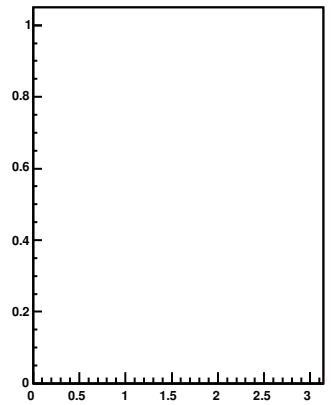
data-TCE_PHX rawweight



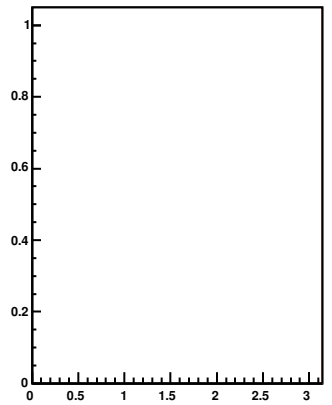
Zee-TCE_PEM dilDphilike



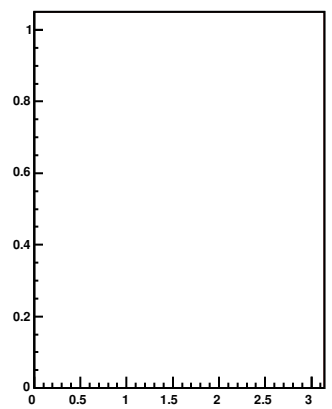
Zmumu-TCE_PEM dilDphilike



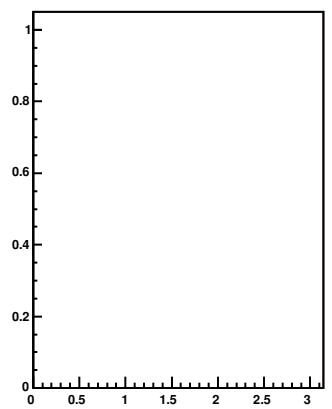
Ztautau-TCE_PEM dilDphilike



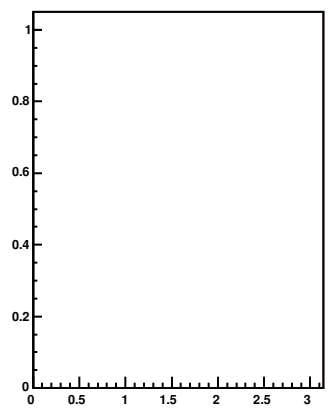
fake-TCE_PEM dilDphilike



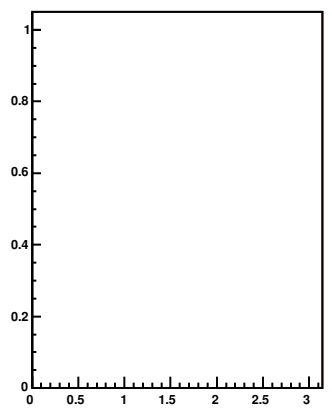
WZ-TCE_PEM dilDphilike



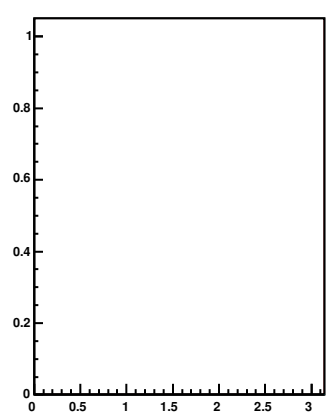
ZZ-TCE_PEM dilDphilike



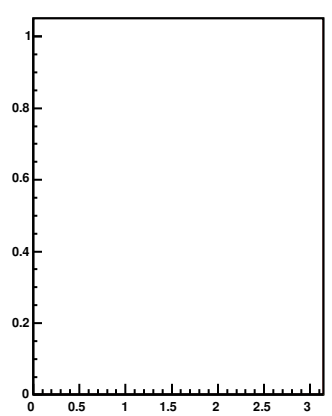
WW-TCE_PEM dilDphilike



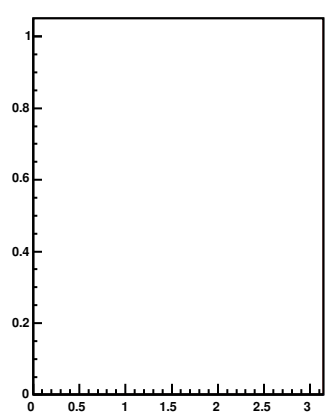
wgamma-TCE_PEM dilDphilike



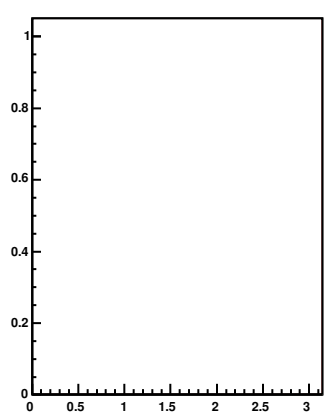
ttbar-TCE_PEM dilDphilike



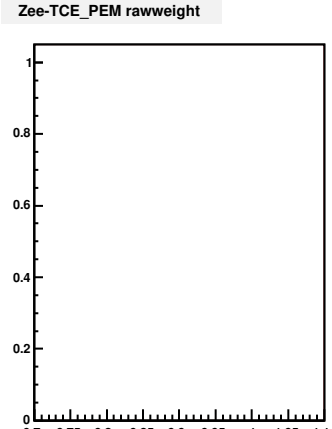
higgsww-TCE_PEM dilDphilike



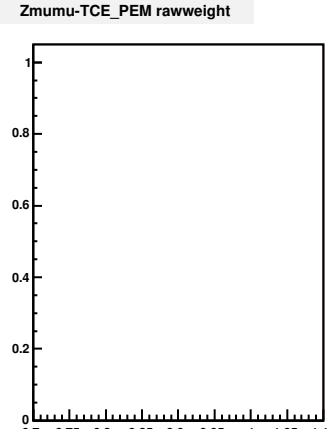
data-TCE_PEM dilDphilike



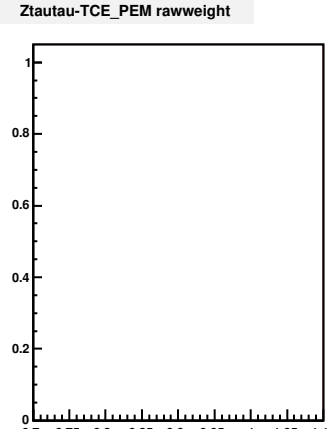
Zee-TCE_PEM rawweight



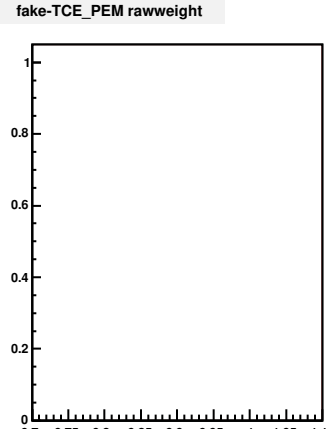
Zmumu-TCE_PEM rawweight



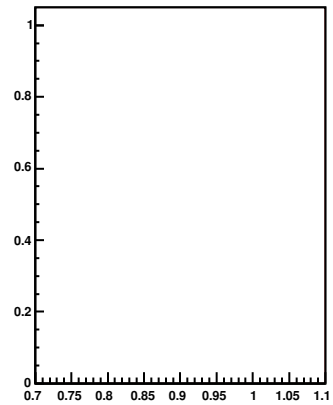
Ztautau-TCE_PEM rawweight



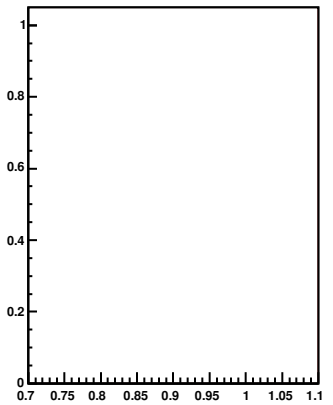
fake-TCE_PEM rawweight



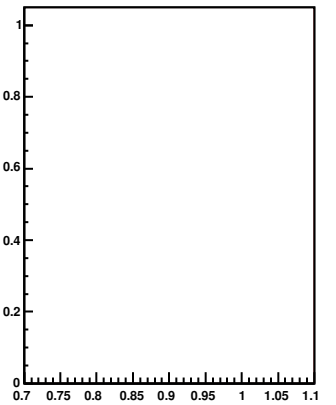
WZ-TCE_PEM rawweight



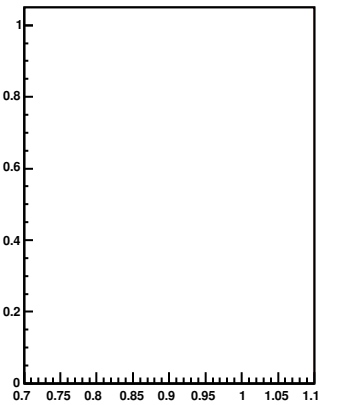
ZZ-TCE_PEM rawweight



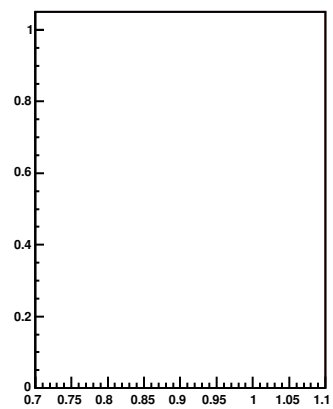
WW-TCE_PEM rawweight



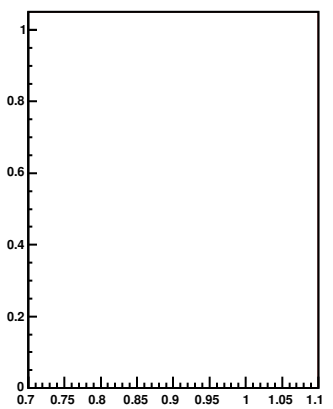
wgamma-TCE_PEM rawweight



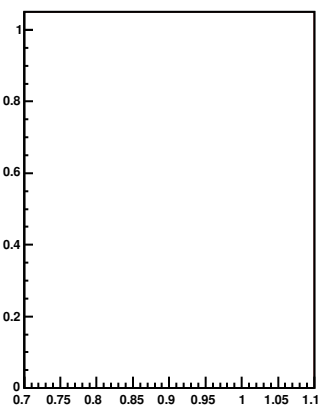
ttbar-TCE_PEM rawweight



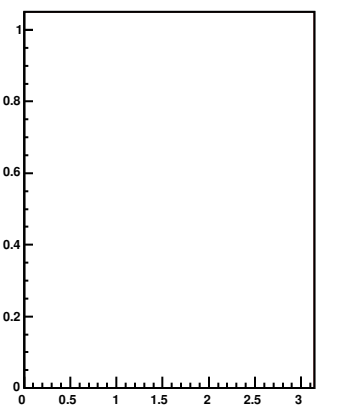
higgsww-TCE_PEM rawweight



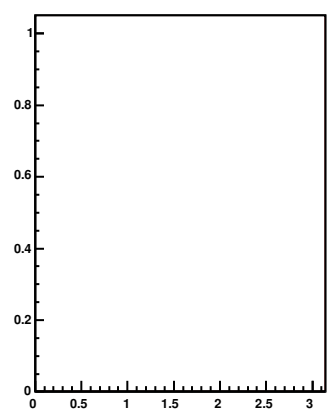
data-TCE_PEM rawweight



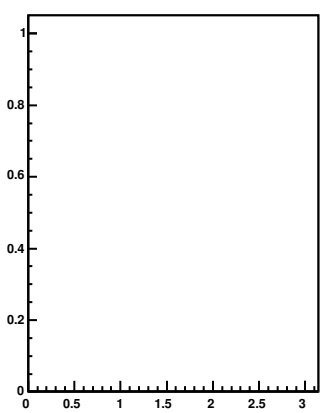
Zee-PHX_PHX dilDphilike



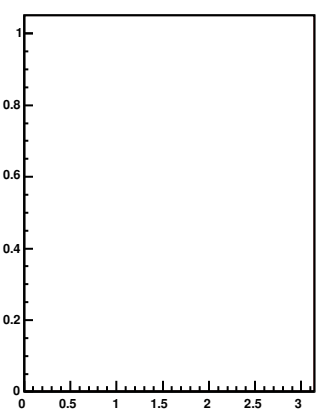
Zmumu-PHX_PHX dilDphilike



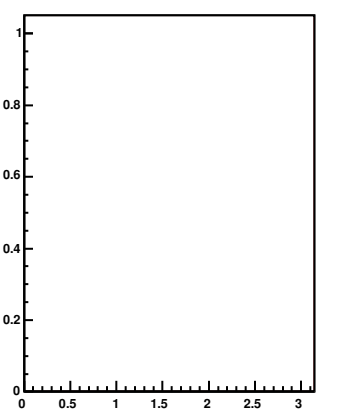
Ztautau-PHX_PHX dilDphilike



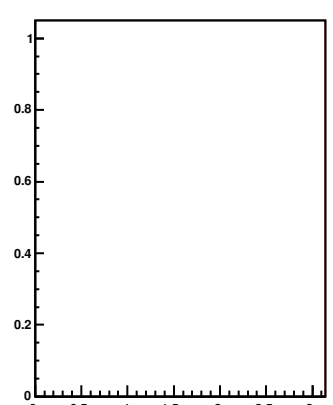
fake-PHX_PHX dilDphilike



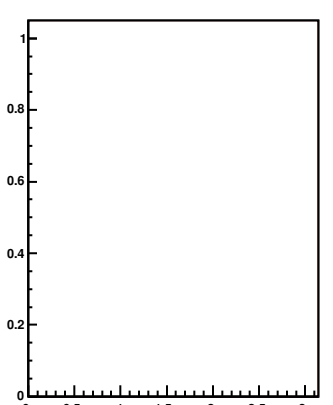
WZ-PHX_PHX dilDphilike



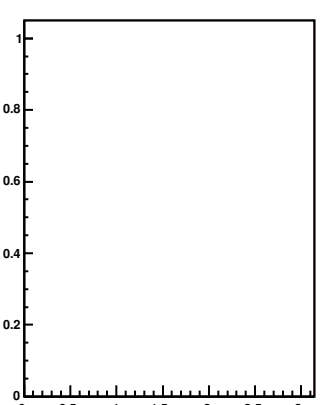
ZZ-PHX_PHX dilDphilike



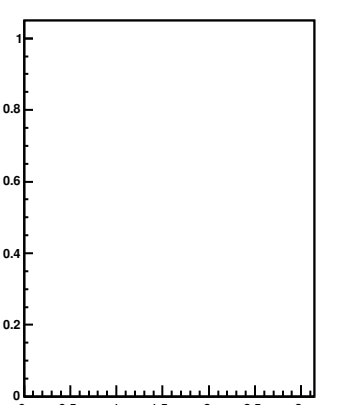
WW-PHX_PHX dilDphilike



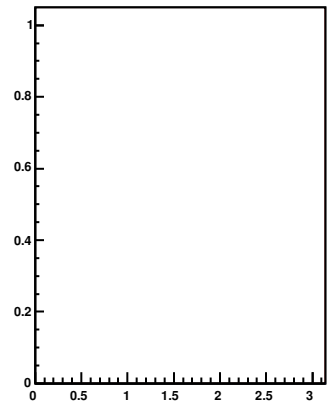
wgamma-PHX_PHX dilDphilike



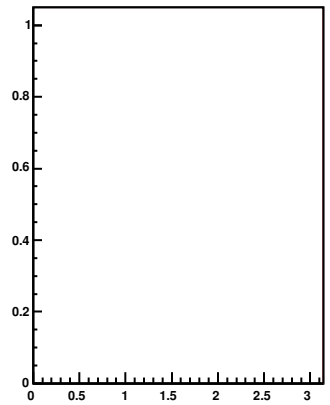
ttbar-PHX_PHX dilDphilike



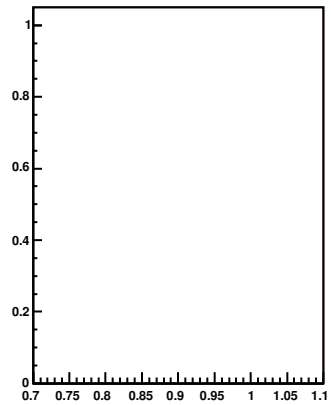
higgsww-PHX_PHX dilDphilike



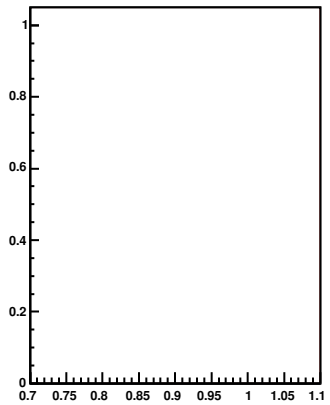
data-PHX_PHX dilDphilike



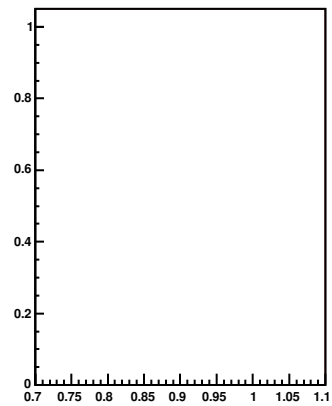
Zee-PHX_PHX rawweight



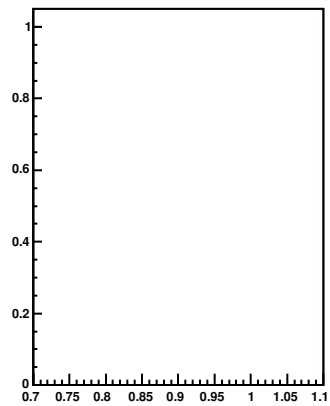
Zmumu-PHX_PHX rawweight



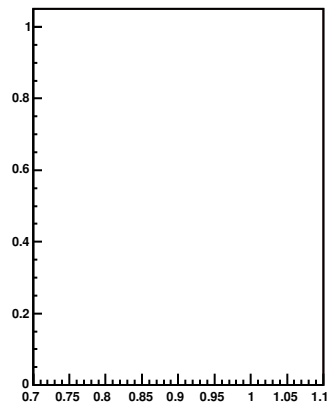
Ztautau-PHX_PHX rawweight



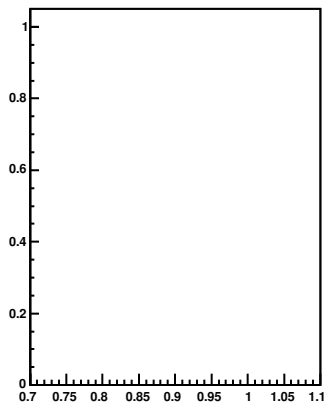
fake-PHX_PHX rawweight



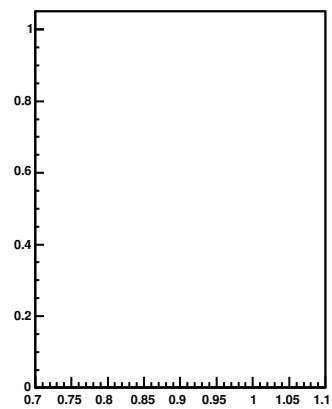
WZ-PHX_PHX rawweight



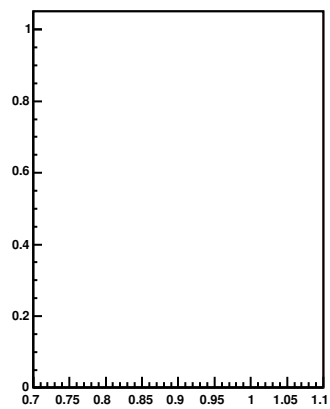
ZZ-PHX_PHX rawweight



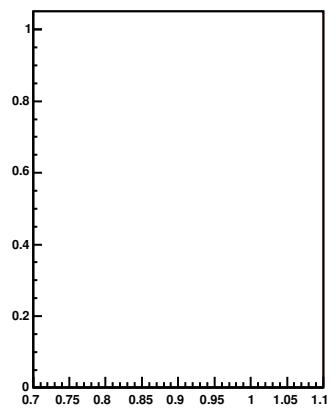
WW-PHX_PHX rawweight



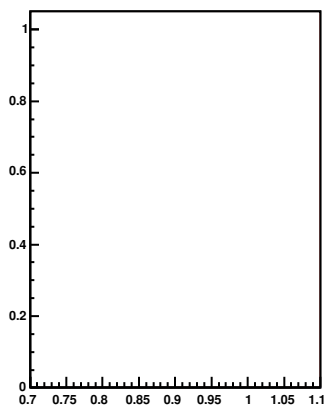
wgamma-PHX_PHX rawweight



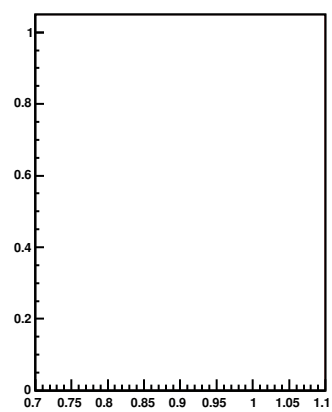
ttbar-PHX_PHX rawweight



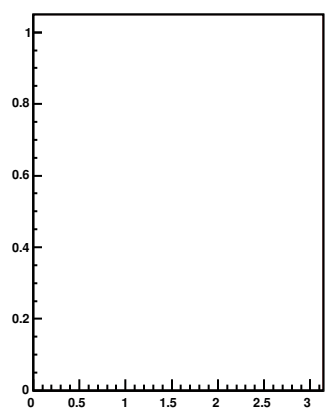
higgsww-PHX_PHX rawweight



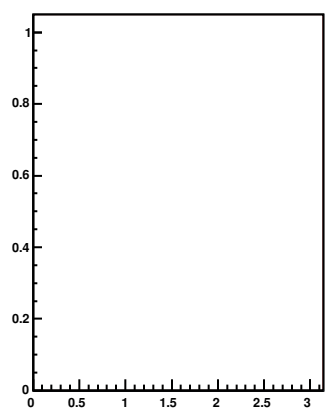
data-PHX_PHX rawweight



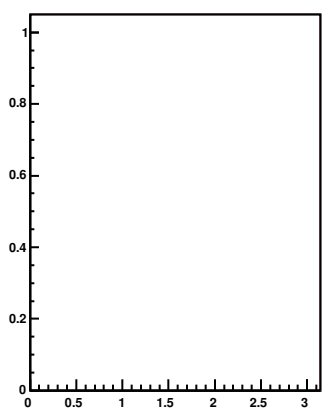
Zee-PHX_PEM dilDphilike



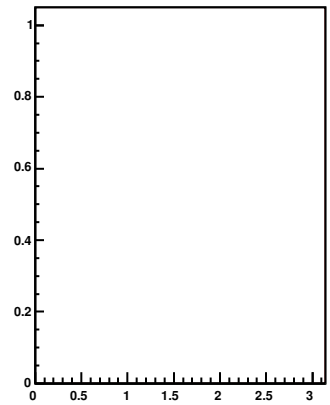
Zmumu-PHX_PEM dilDphilike



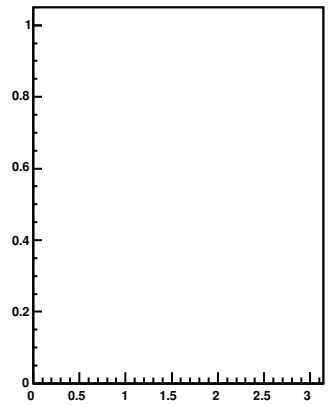
Ztautau-PHX_PEM dilDphilike



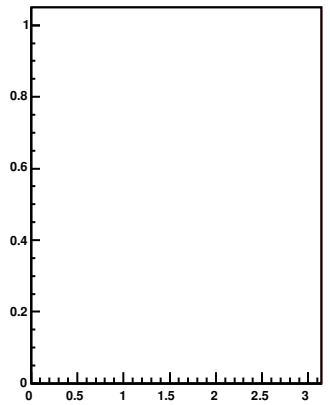
fake-PHX_PEM dilDphilike



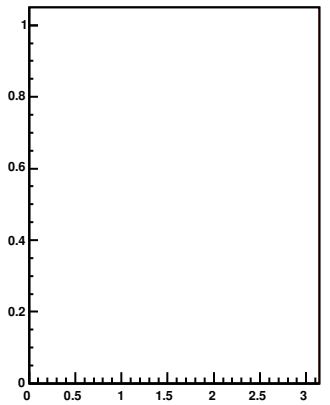
WZ-PHX_PEM dilDphilike



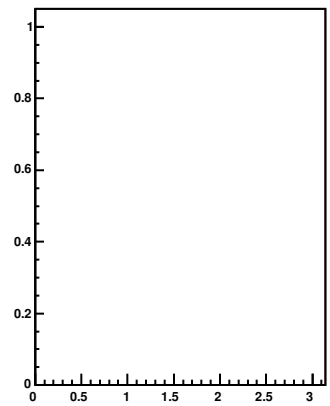
ZZ-PHX_PEM dilDphilike



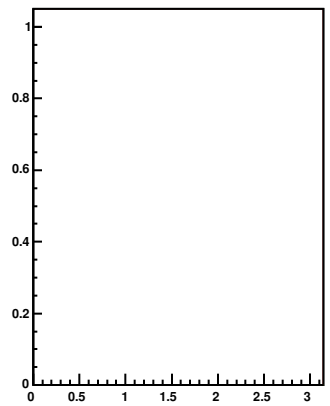
WW-PHX_PEM dilDphilike



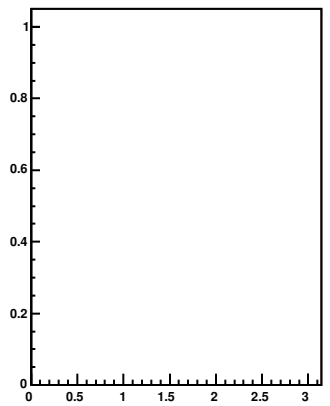
wgamma-PHX_PEM dilDphilike



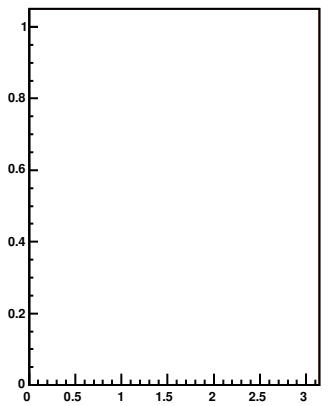
ttbar-PHX_PEM dilDphilike



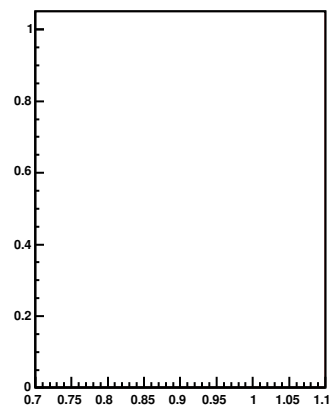
higgsww-PHX_PEM dilDphilike



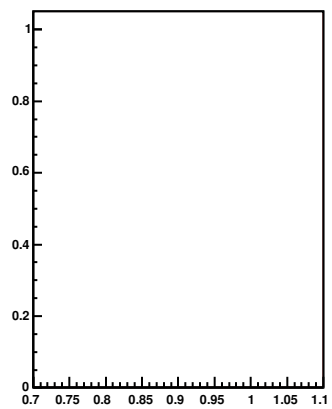
data-PHX_PEM dilDphilike



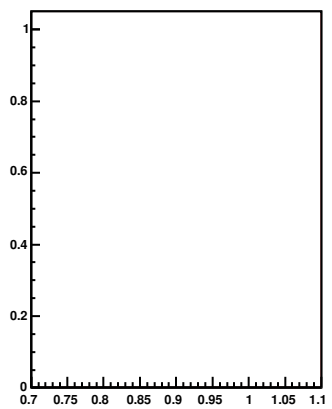
Zee-PHX_PEM rawweight



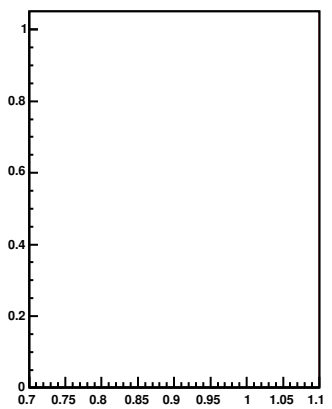
Zmumu-PHX_PEM rawweight



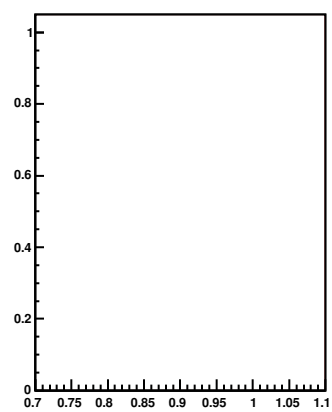
Ztautau-PHX_PEM rawweight



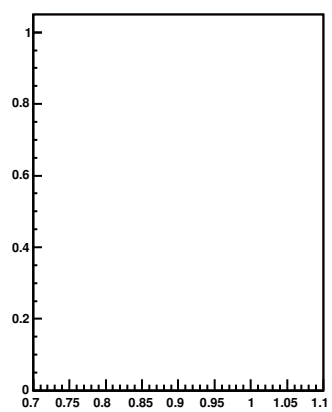
fake-PHX_PEM rawweight



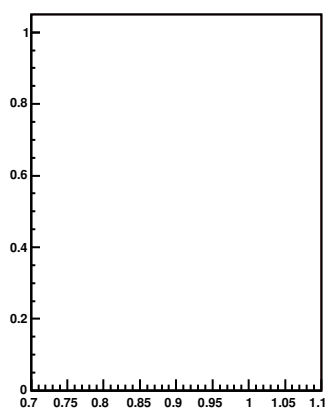
WZ-PHX_PEM rawweight



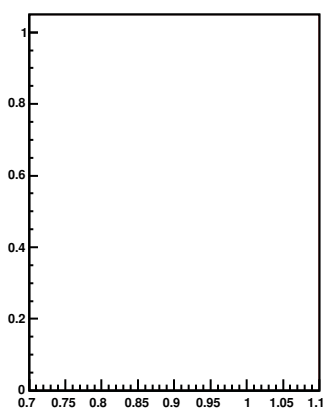
ZZ-PHX_PEM rawweight



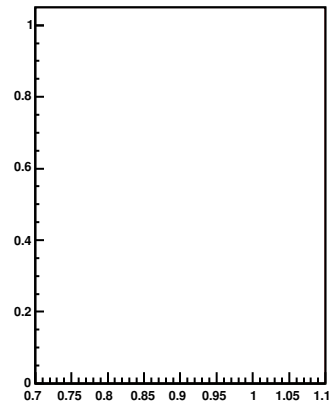
WW-PHX_PEM rawweight



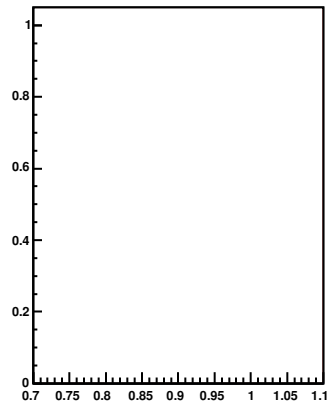
wgamma-PHX_PEM rawweight



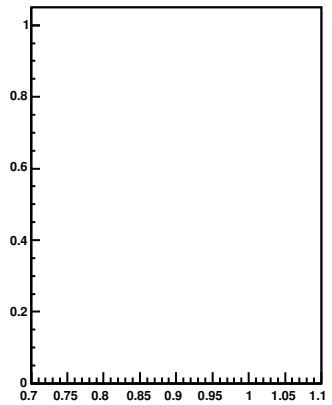
ttbar-PHX_PEM rawweight



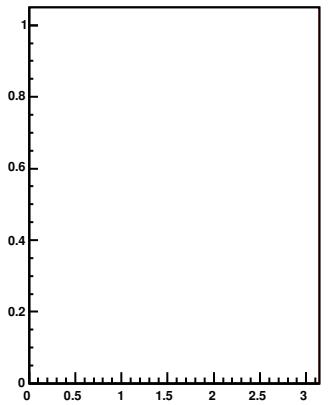
higgsww-PHX_PEM rawweight



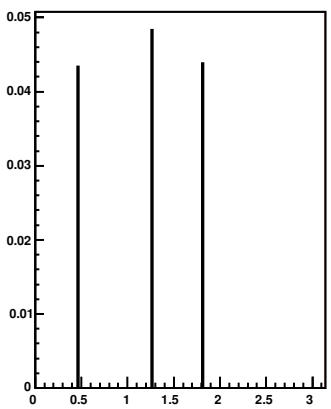
data-PHX_PEM rawweight



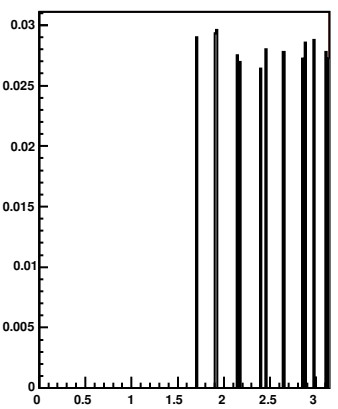
Zee-TCE_CMUP dilDphilike



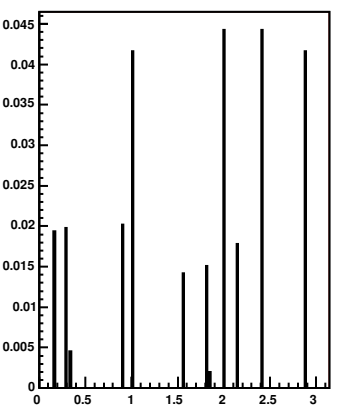
Zmumu-TCE_CMUP dilDphilike



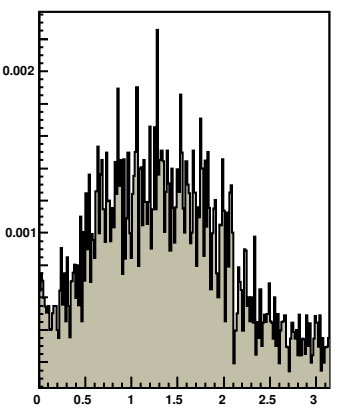
Ztautau-TCE_CMUP dilDphilike



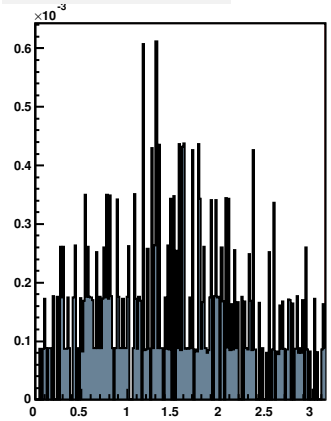
fake-TCE_CMUP dilDphilike



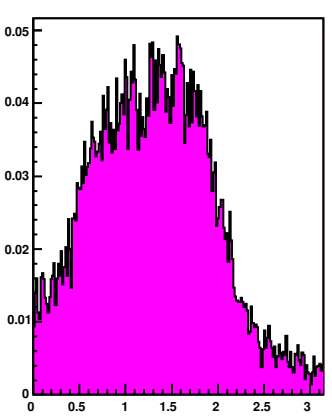
WZ-TCE_CMUP dilDphilike



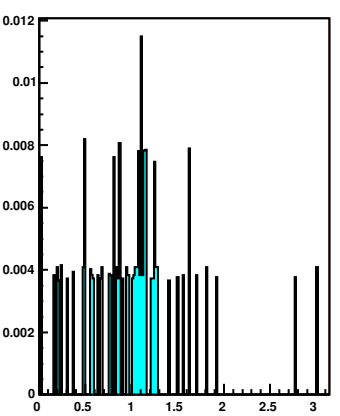
ZZ-TCE_CMUP dilDphilike



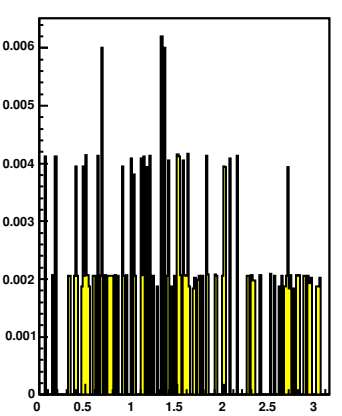
WW-TCE_CMUP dilDphilike



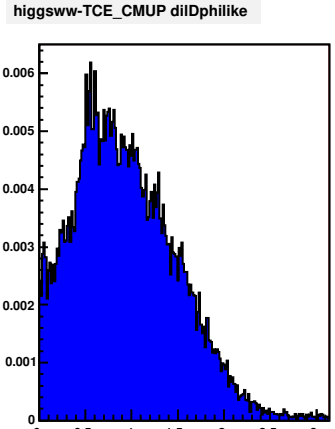
wgamma-TCE_CMUP dilDphilike



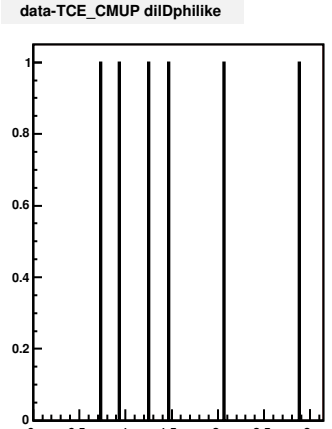
ttbar-TCE_CMUP dilDphilike



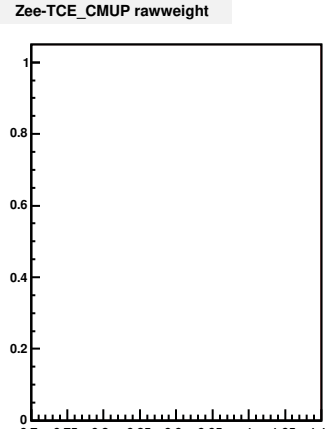
higgsww-TCE_CMUP dilDphilike



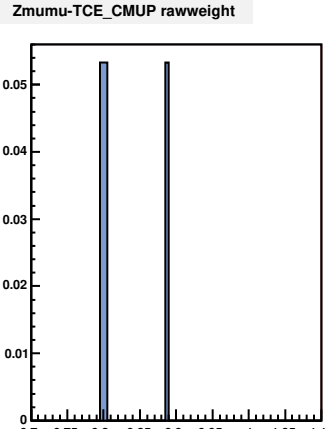
data-TCE_CMUP dilDphilike



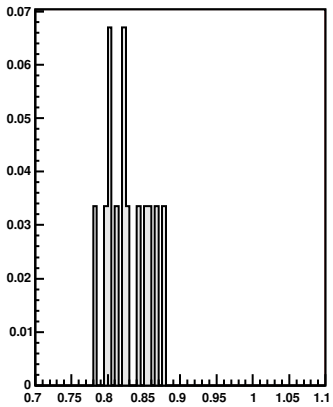
Zee-TCE_CMUP rawweight



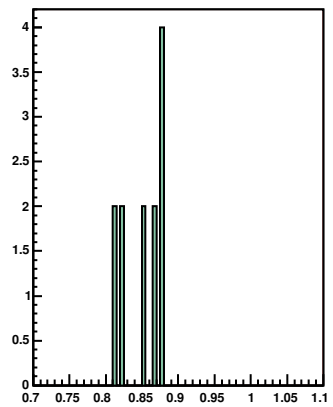
Zmumu-TCE_CMUP rawweight



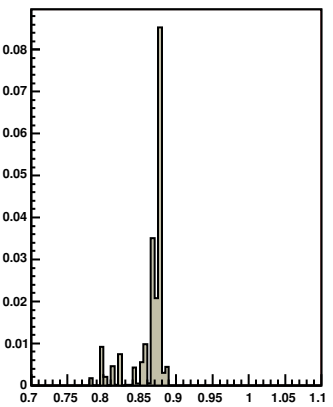
Ztautau-TCE_CMUP rawweight



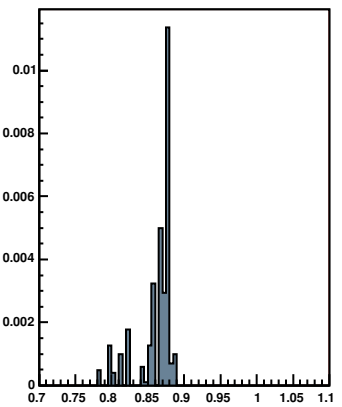
fake-TCE_CMUP rawweight



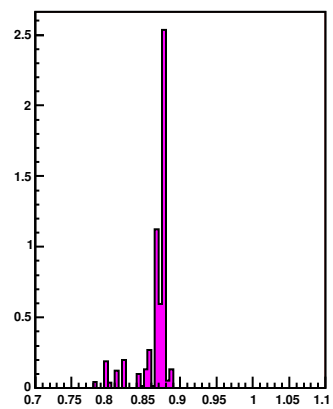
WZ-TCE_CMUP rawweight



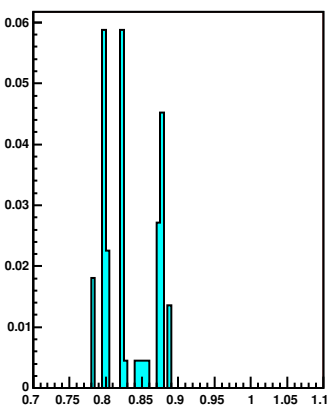
ZZ-TCE_CMUP rawweight



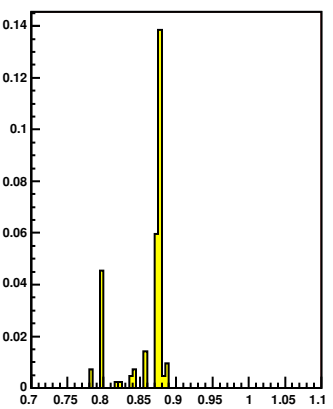
WW-TCE_CMUP rawweight



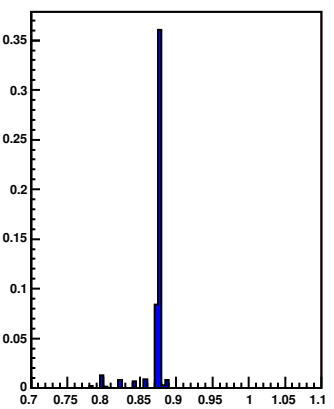
wgamma-TCE_CMUP rawweight



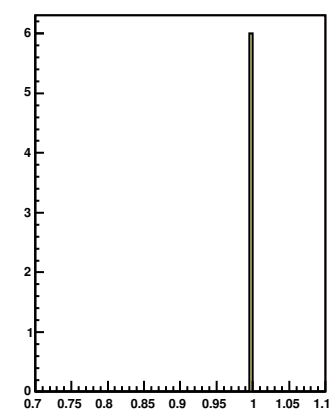
ttbar-TCE_CMUP rawweight



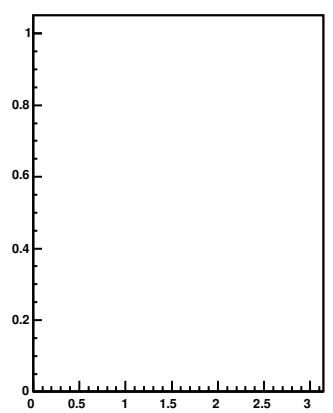
higgsww-TCE_CMUP rawweight



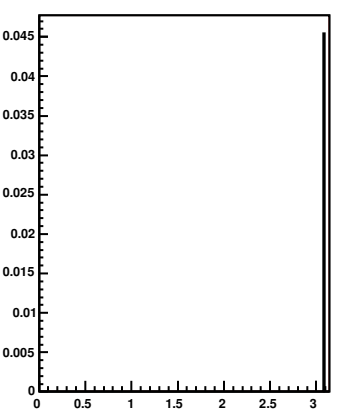
data-TCE_CMUP rawweight



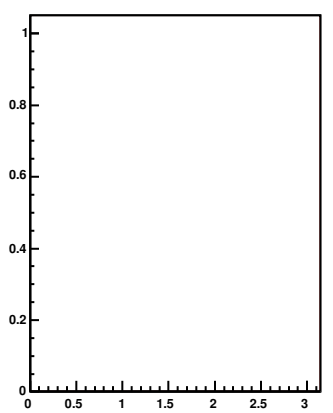
Zee-TCE_CMU dilDphilike



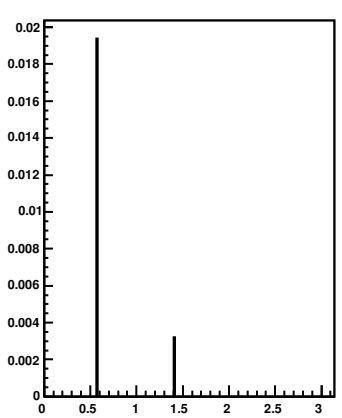
Zmumu-TCE_CMU dilDphilike



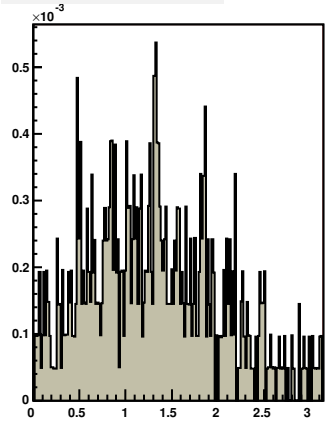
Ztautau-TCE_CMU dilDphilike



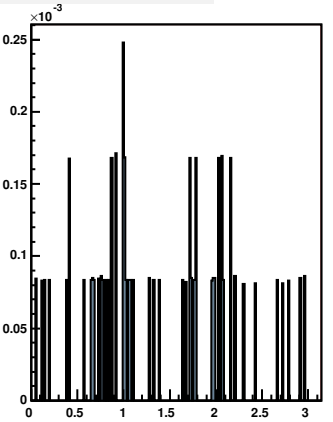
fake-TCE_CMU dilDphilike



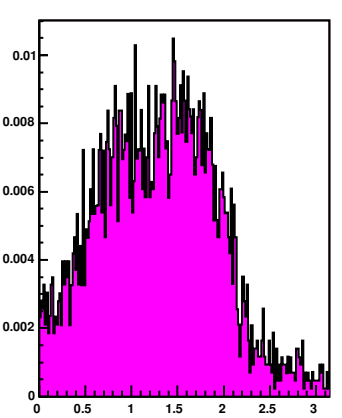
WZ-TCE_CMU dilDphilike



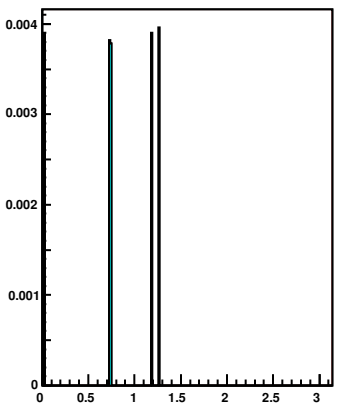
ZZ-TCE_CMU dilDphilike



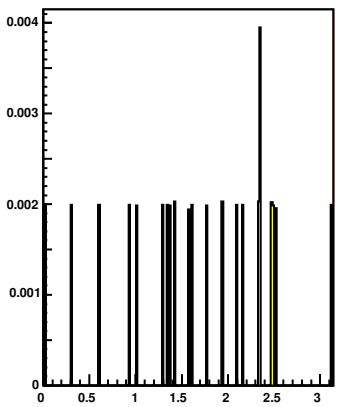
WW-TCE_CMU dilDphilike



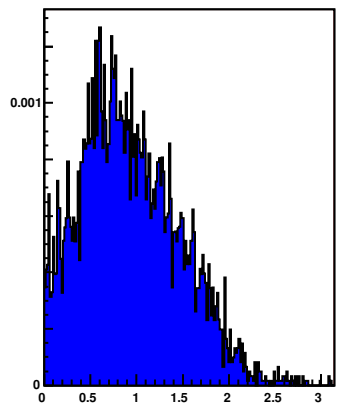
wgamma-TCE_CMU dilDphilike



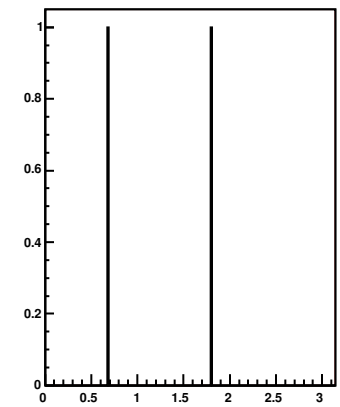
ttbar-TCE_CMU dilDphilike



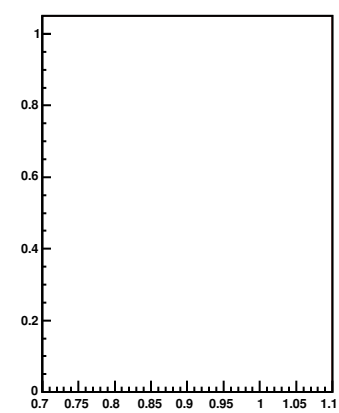
higgsww-TCE_CMU dilDphilike



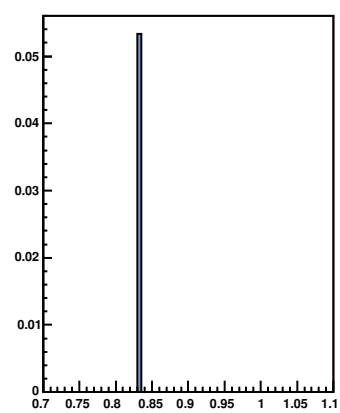
data-TCE_CMU dilDphilike



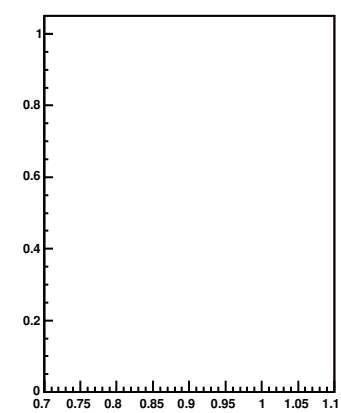
Zee-TCE_CMU rawweight



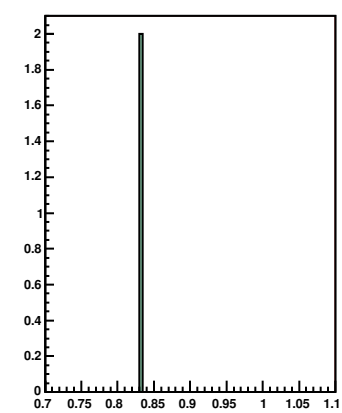
Zmumu-TCE_CMU rawweight



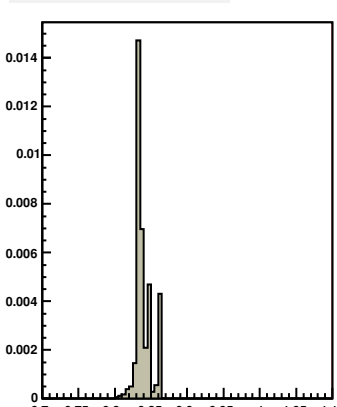
Ztautau-TCE_CMU rawweight



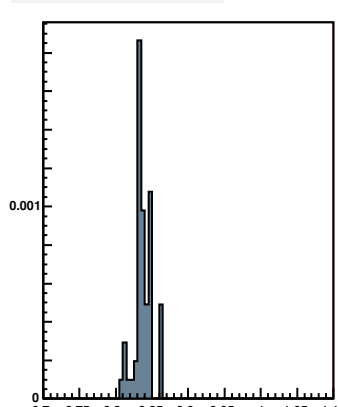
fake-TCE_CMU rawweight



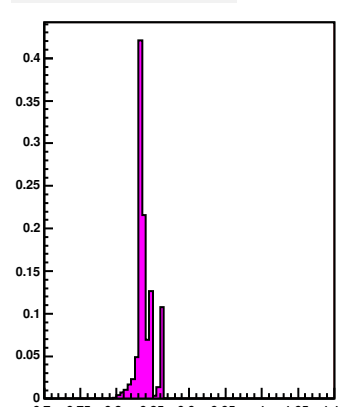
WZ-TCE_CMU rawweight



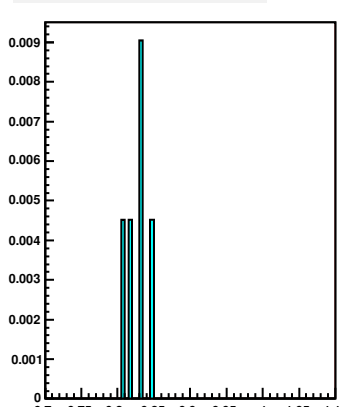
ZZ-TCE_CMU rawweight



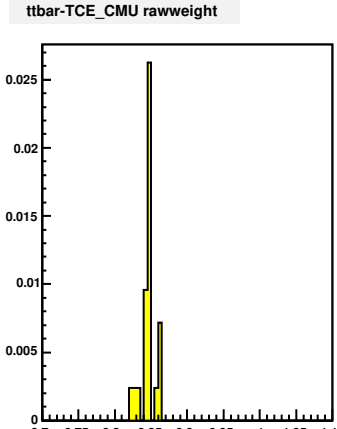
WW-TCE_CMU rawweight



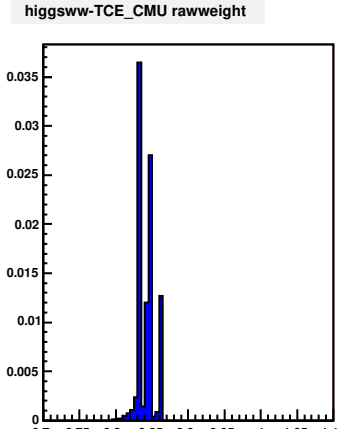
wgamma-TCE_CMU rawweight



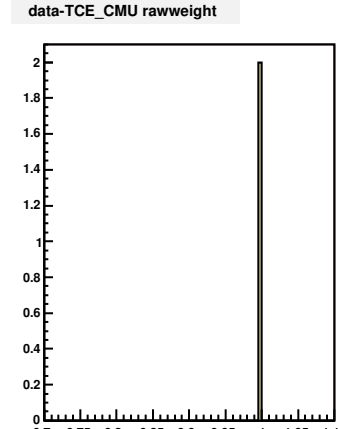
ttbar-TCE_CMU rawweight



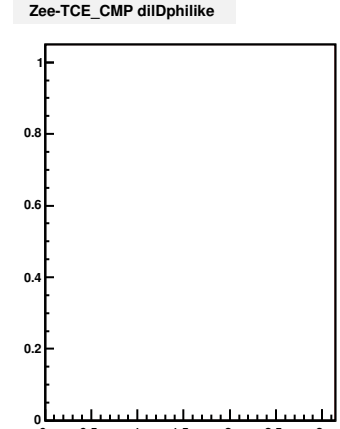
higgsww-TCE_CMU rawweight



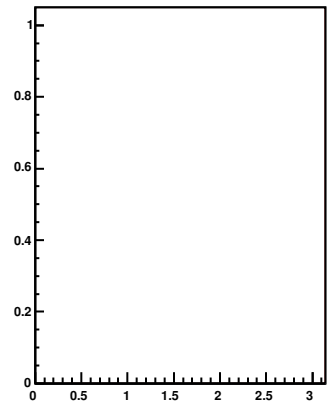
data-TCE_CMU rawweight



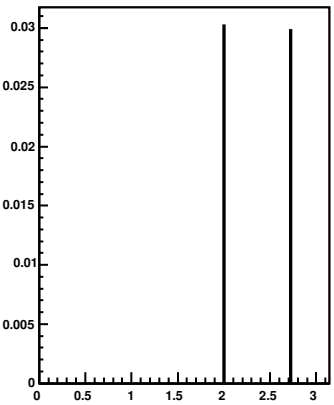
Zee-TCE_CMP dilDphilike



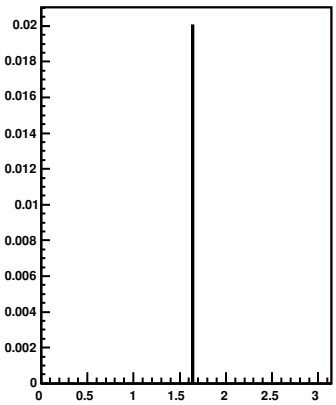
Zmumu-TCE_CMP dilDphilike



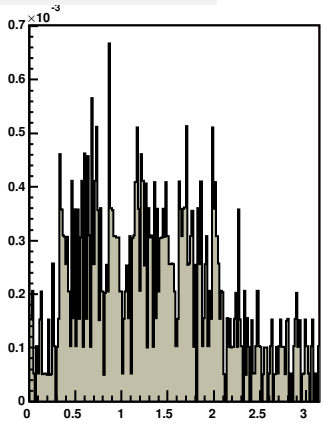
Ztautau-TCE_CMP dilDphilike



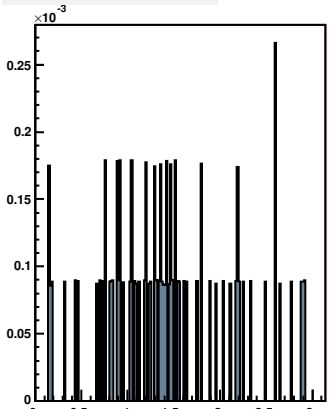
fake-TCE_CMP dilDphilike



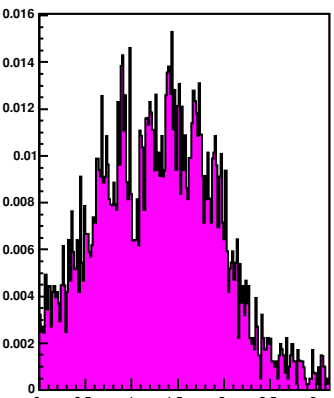
WZ-TCE_CMP dilDphilike



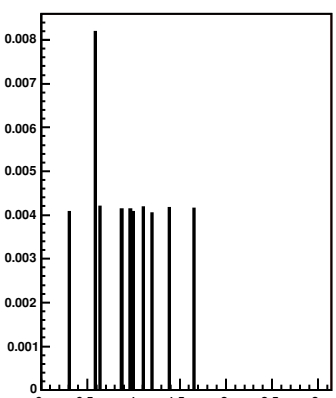
ZZ-TCE_CMP dilDphilike



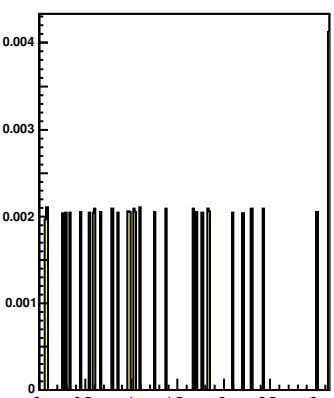
WW-TCE_CMP dilDphilike



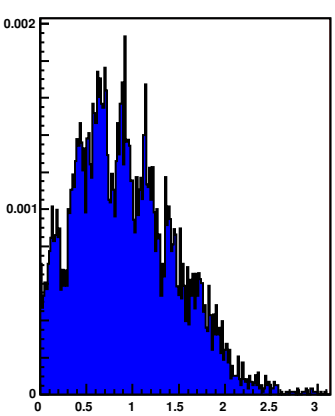
wgamma-TCE_CMP dilDphilike



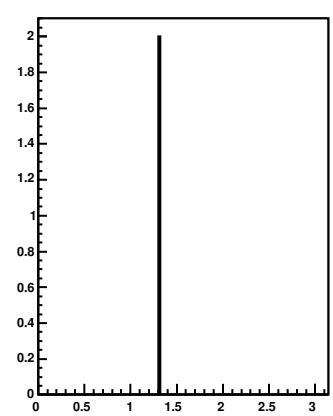
ttbar-TCE_CMP dilDphilike



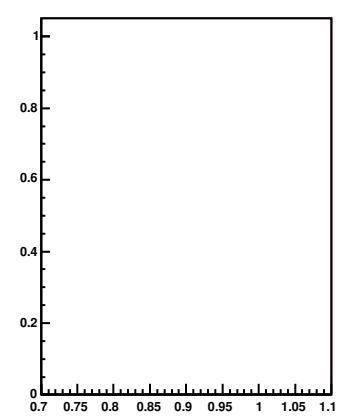
higgsww-TCE_CMP dilDphilike



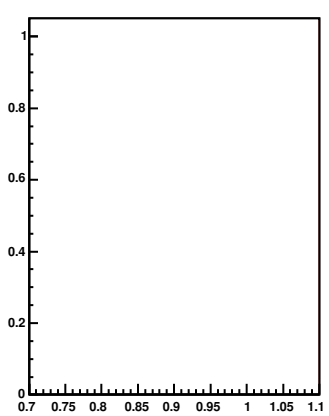
data-TCE_CMP dilDphilike



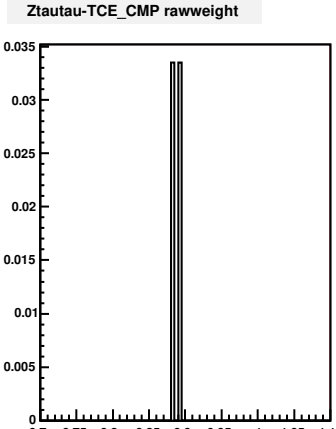
Zee-TCE_CMP rawweight



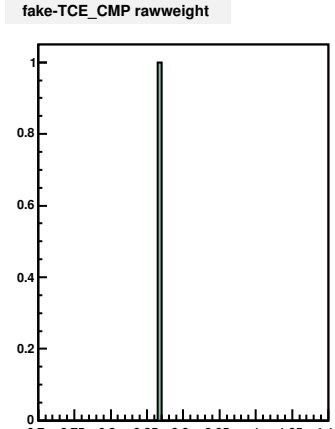
Zmumu-TCE_CMP rawweight



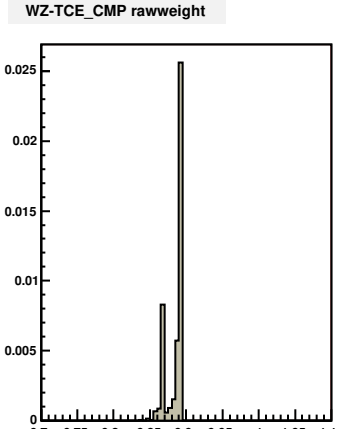
Ztautau-TCE_CMP rawweight



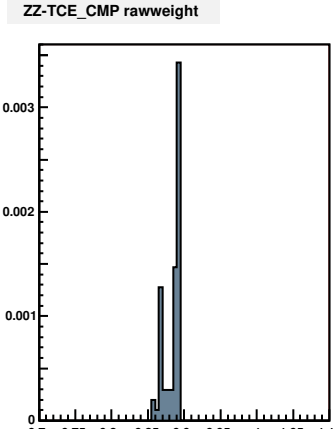
fake-TCE_CMP rawweight



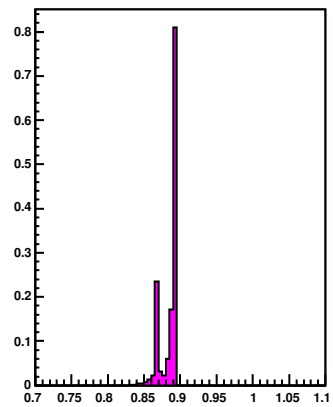
WZ-TCE_CMP rawweight



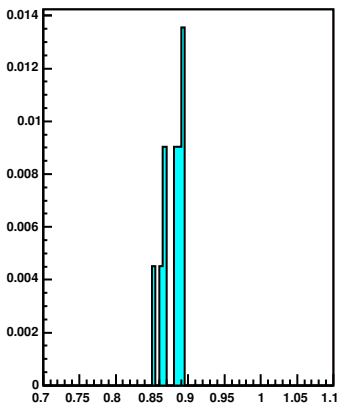
ZZ-TCE_CMP rawweight



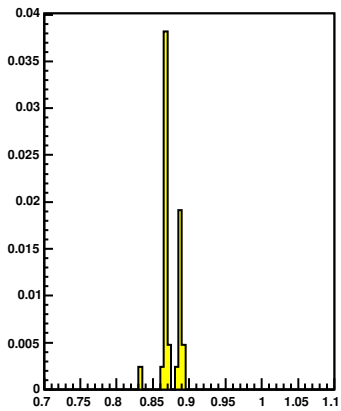
WW-TCE_CMP rawweight



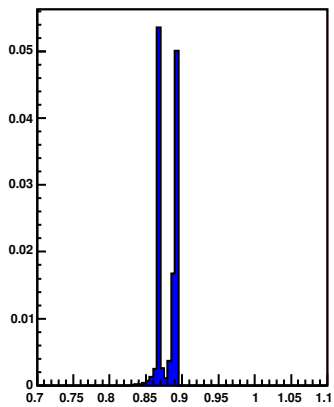
wgamma-TCE_CMP rawweight



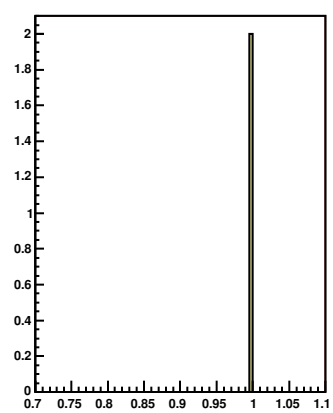
ttbar-TCE_CMP rawweight



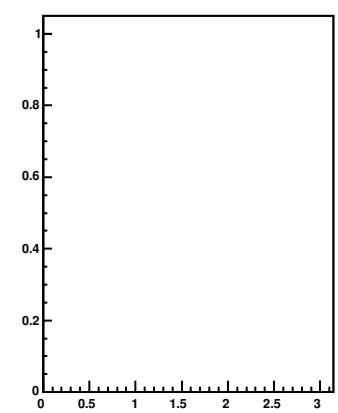
higgsww-TCE_CMP rawweight



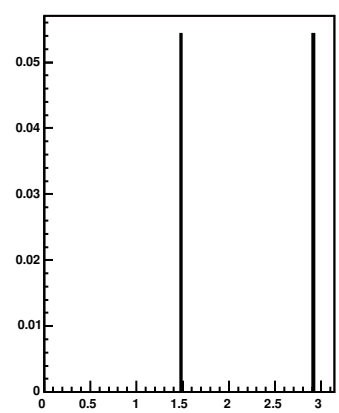
data-TCE_CMP rawweight



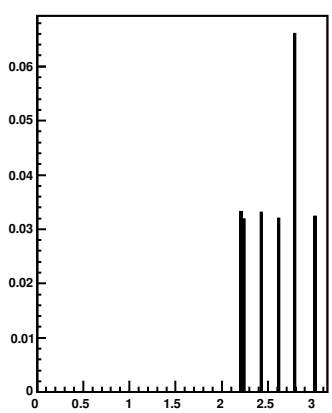
Zee-TCE_CMX dilDphilike



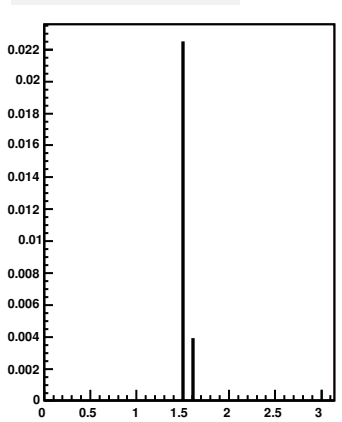
Zmumu-TCE_CMX dilDphilike



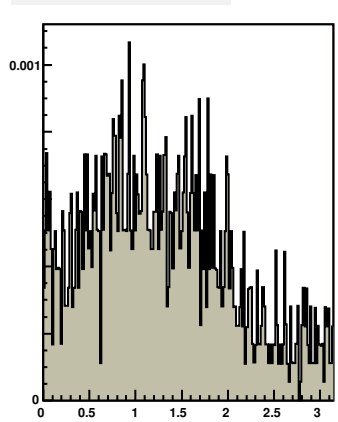
Ztautau-TCE_CMX dilDphilike



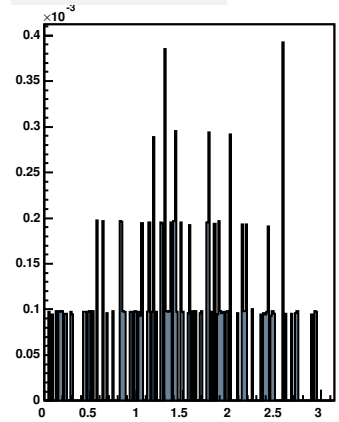
fake-TCE_CMX dilDphilike



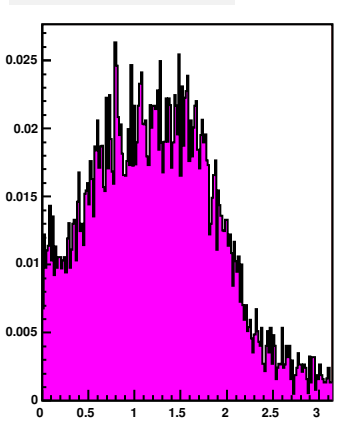
WZ-TCE_CMX dilDphilike



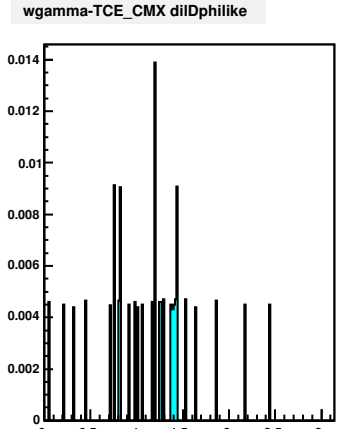
ZZ-TCE_CMX dilDphilike



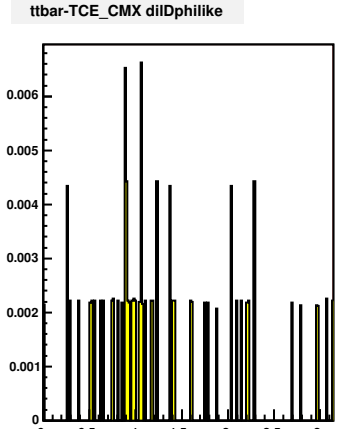
WW-TCE_CMX dilDphilike



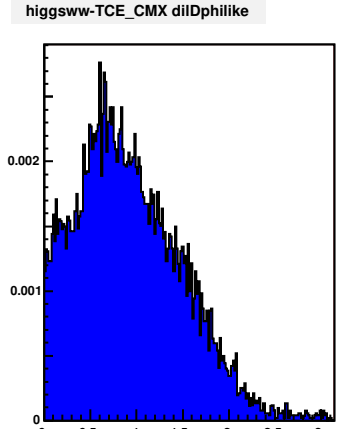
wgamma-TCE_CMX dilDphilike



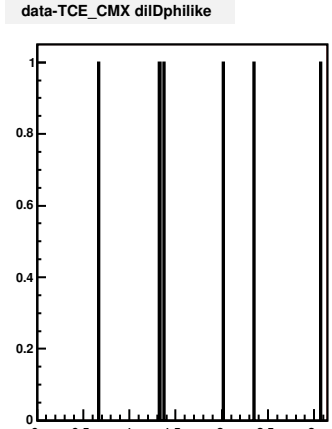
ttbar-TCE_CMX dilDphilike



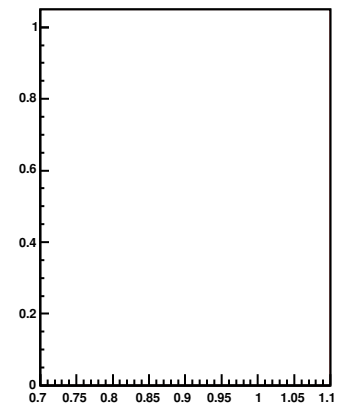
higgsww-TCE_CMX dilDphilike



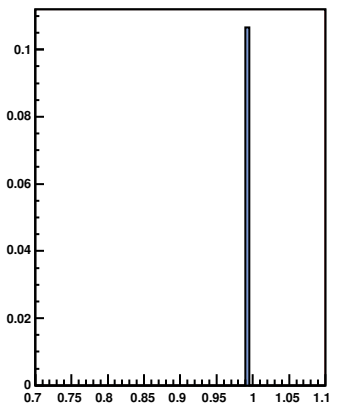
data-TCE_CMX dilDphilike



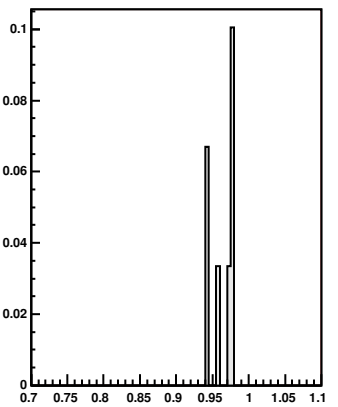
Zee-TCE_CMX rawweight



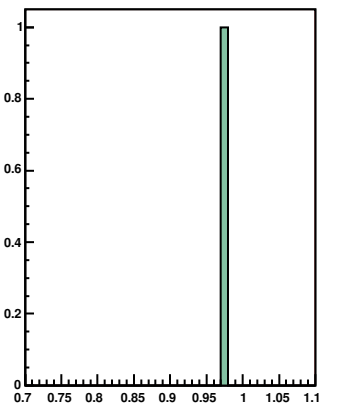
Zmumu-TCE_CMX rawweight



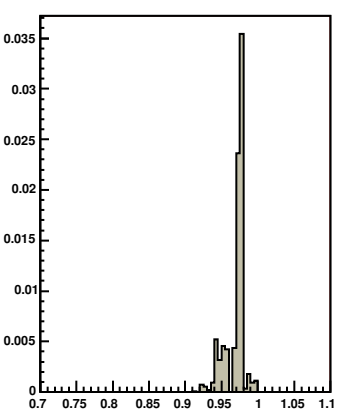
Ztautau-TCE_CMX rawweight



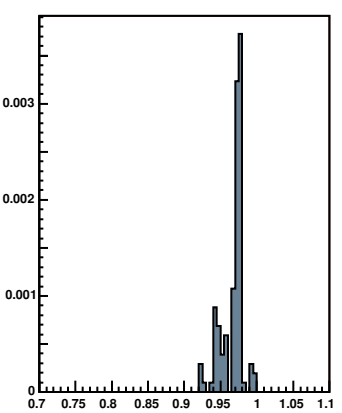
fake-TCE_CMX rawweight



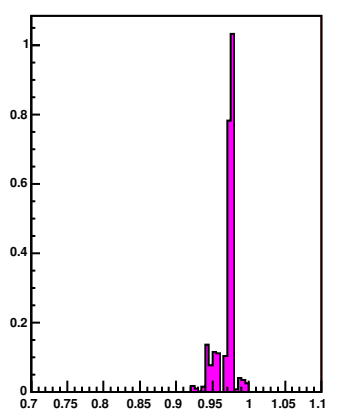
WZ-TCE_CMX rawweight



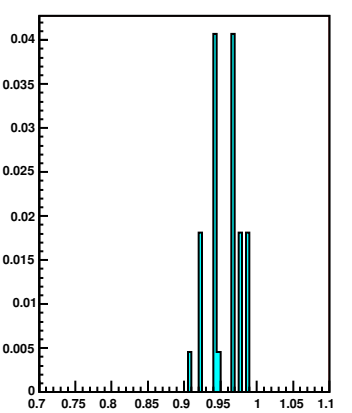
ZZ-TCE_CMX rawweight



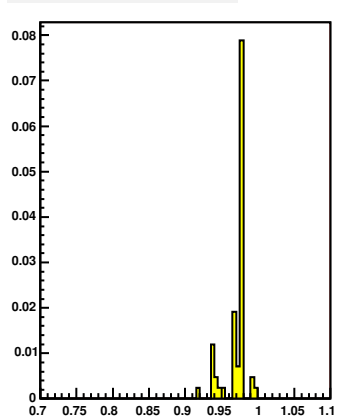
WW-TCE_CMX rawweight



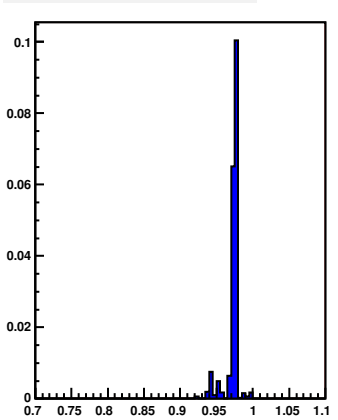
wgamma-TCE_CMX rawweight



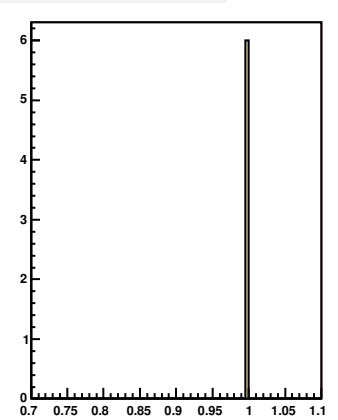
ttbar-TCE_CMX rawweight



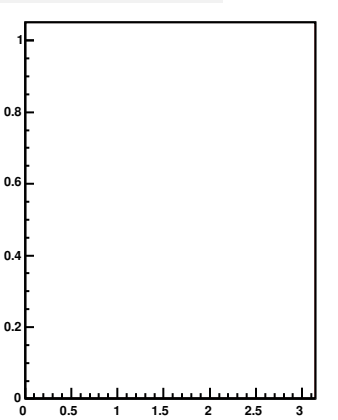
higgsww-TCE_CMX rawweight



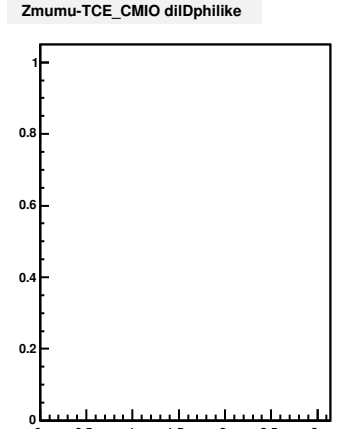
data-TCE_CMX rawweight



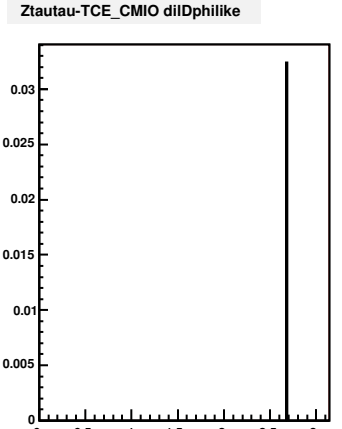
Zee-TCE_CMIO dilDphilike



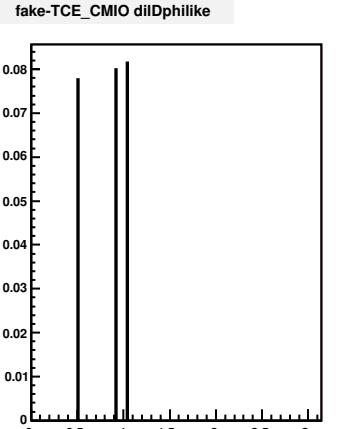
Zmumu-TCE_CMIO dilDphilike



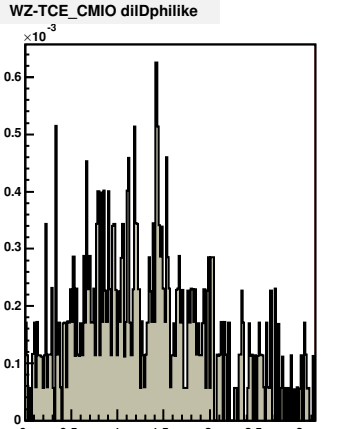
Ztautau-TCE_CMIO dilDphilike



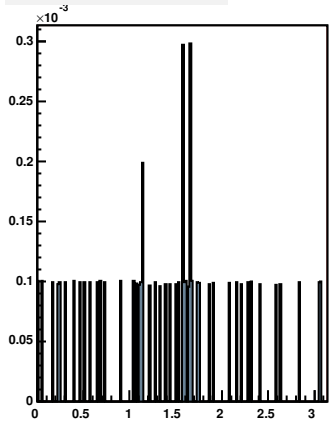
fake-TCE_CMIO dilDphilike



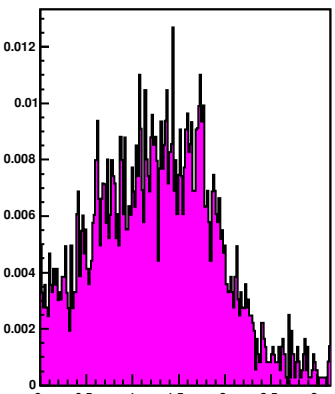
WZ-TCE_CMIO dilDphilike



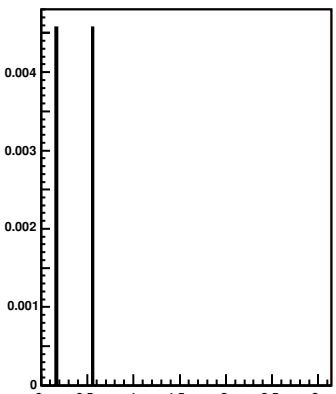
ZZ-TCE_CMIO dilDphilike



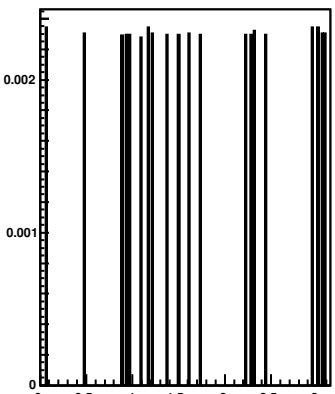
WW-TCE_CMIO dilDphilike



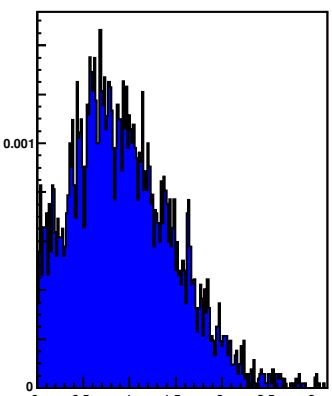
wgamma-TCE_CMIO dilDphilike



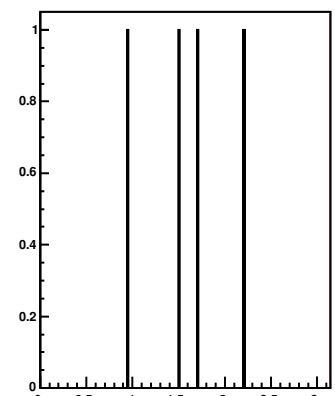
ttbar-TCE_CMIO dilDphilike



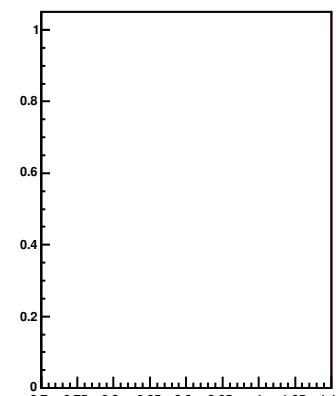
higgsww-TCE_CMIO dilDphilike



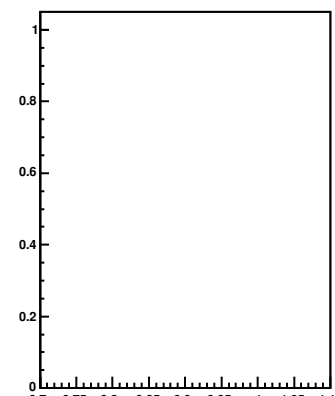
data-TCE_CMIO dilDphilike



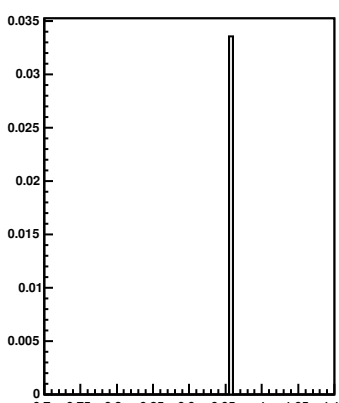
Zee-TCE_CMIO rawweight



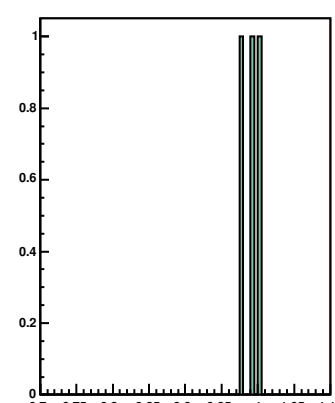
Zmumu-TCE_CMIO rawweight



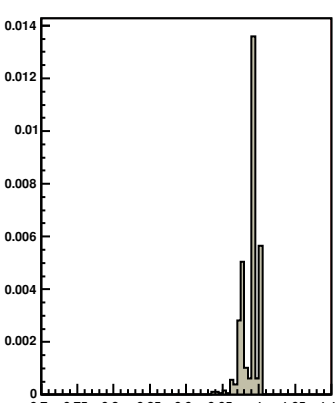
Ztautau-TCE_CMIO rawweight



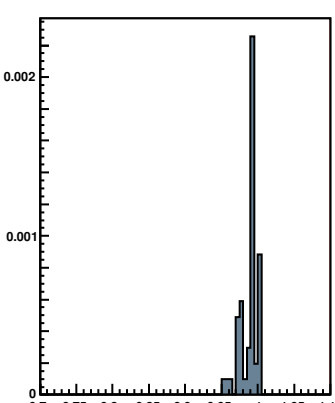
fake-TCE_CMIO rawweight



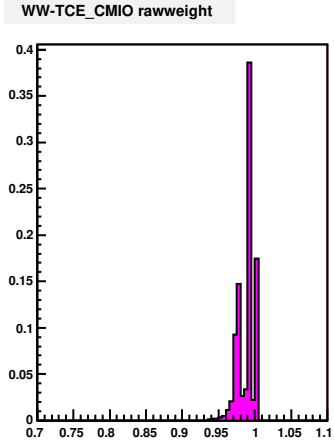
WZ-TCE_CMIO rawweight



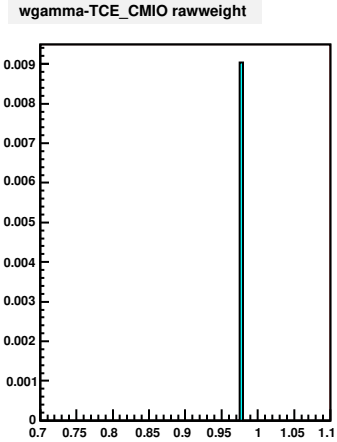
ZZ-TCE_CMIO rawweight



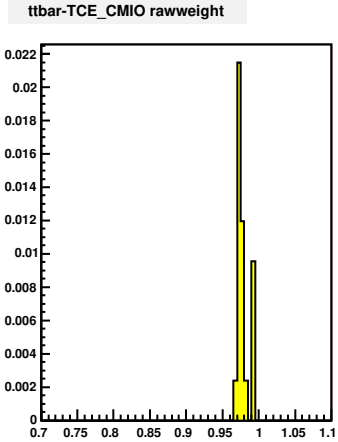
WW-TCE_CMIO rawweight



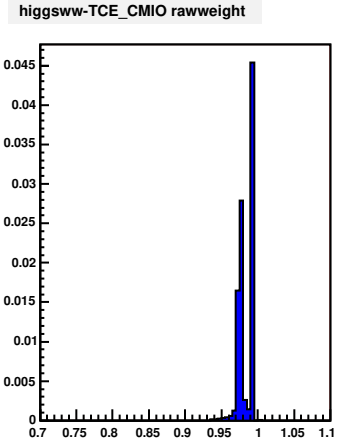
wgamma-TCE_CMIO rawweight



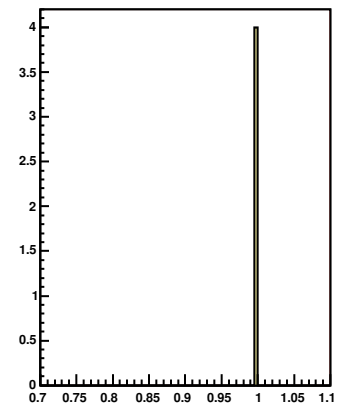
ttbar-TCE_CMIO rawweight



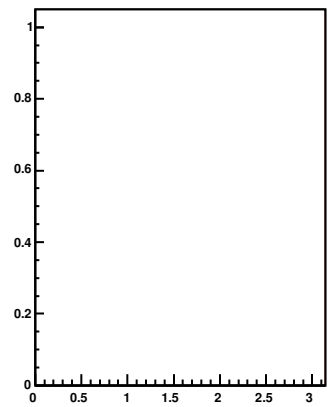
higgsww-TCE_CMIO rawweight



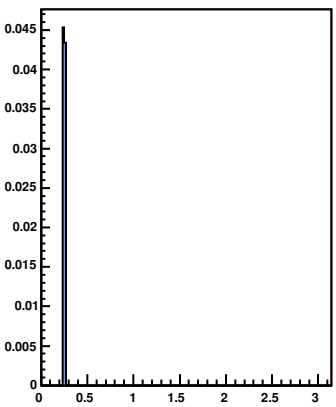
data-TCE_CMIO rawweight



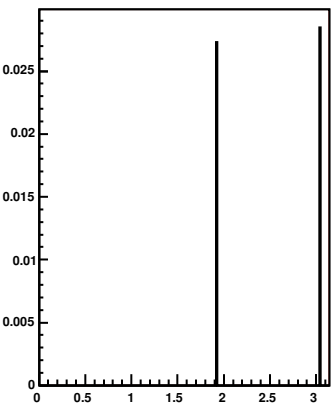
Zee-PHX_CMUP dilDphilike



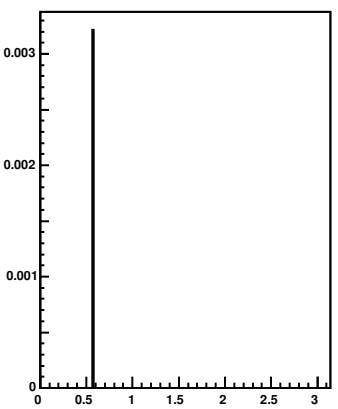
Zmumu-PHX_CMUP dilDphilike



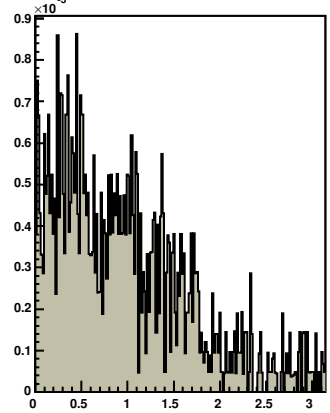
Ztautau-PHX_CMUP dilDphilike



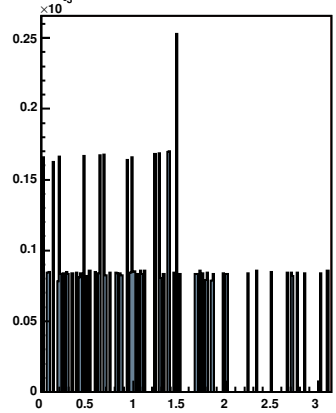
fake-PHX_CMUP dilDphilike



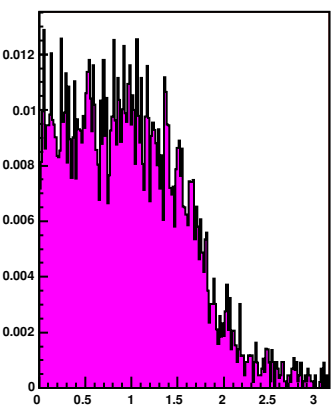
WZ-PHX_CMUP dilDphilike



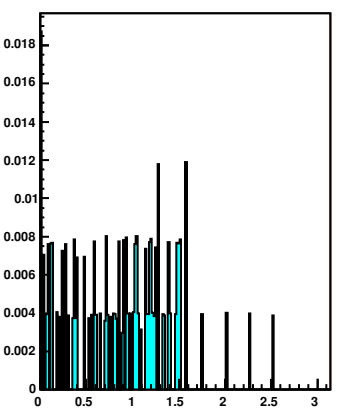
ZZ-PHX_CMUP dilDphilike



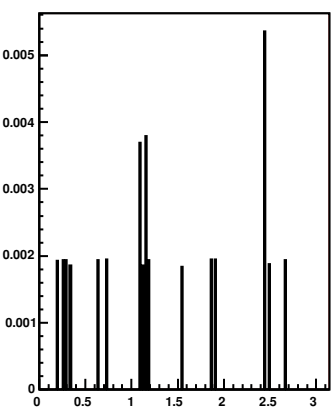
WW-PHX_CMUP dilDphilike



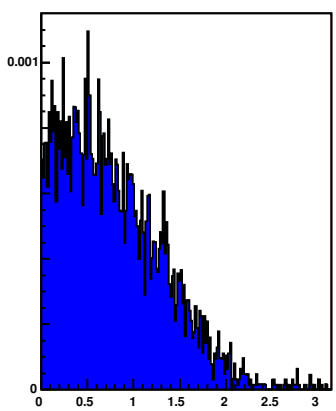
wgamma-PHX_CMUP dilDphilike



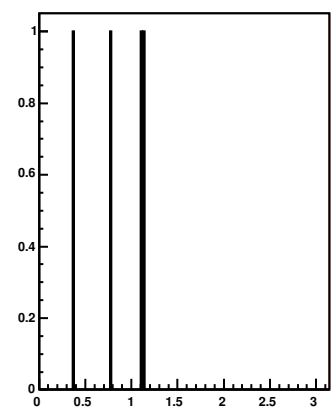
ttbar-PHX_CMUP dilDphilike



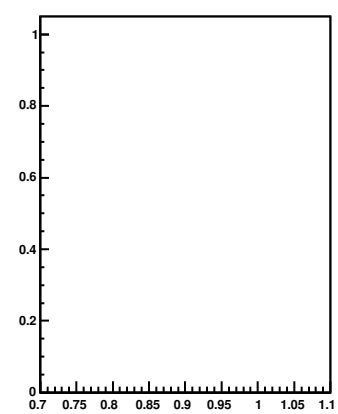
higgsww-PHX_CMUP dilDphilike



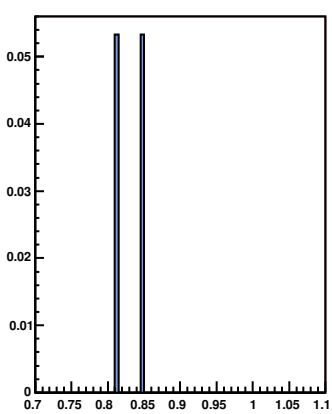
data-PHX_CMUP dilDphilike



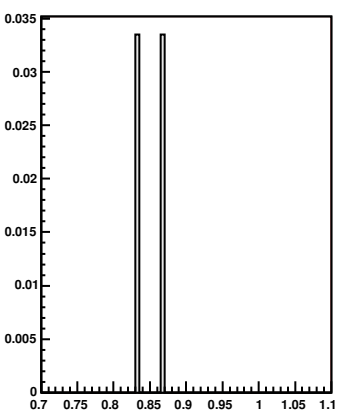
Zee-PHX_CMUP rawweight



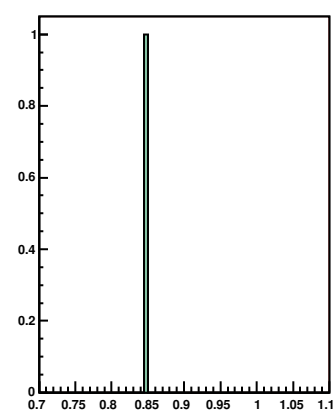
Zmumu-PHX_CMUP rawweight



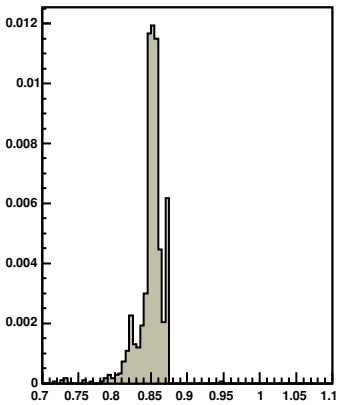
Ztautau-PHX_CMUP rawweight



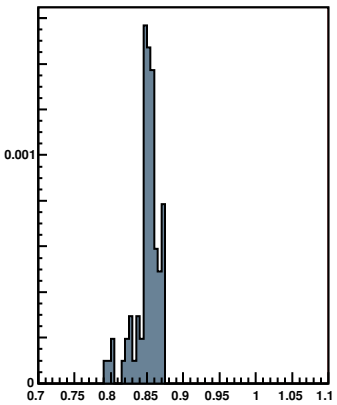
fake-PHX_CMUP rawweight



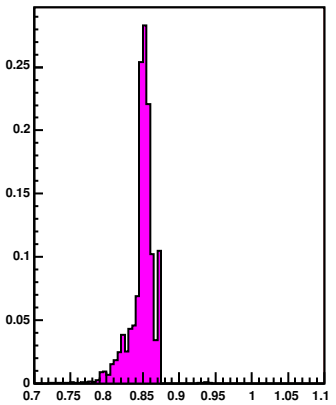
WZ-PHX_CMUP rawweight



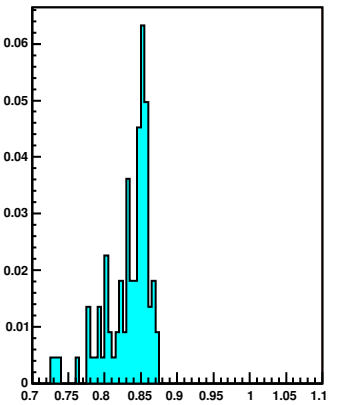
ZZ-PHX_CMUP rawweight



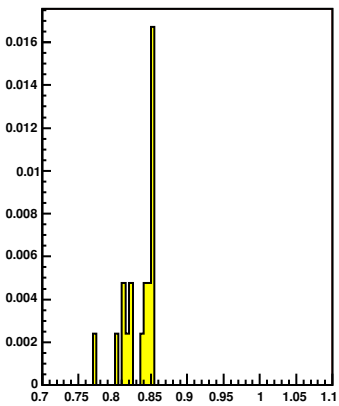
WW-PHX_CMUP rawweight



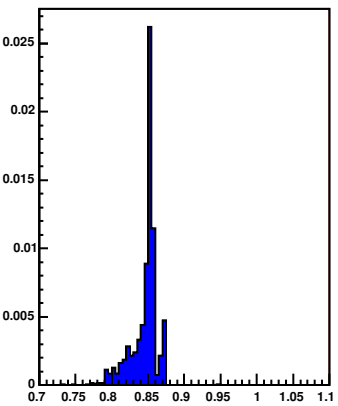
wgamma-PHX_CMUP rawweight



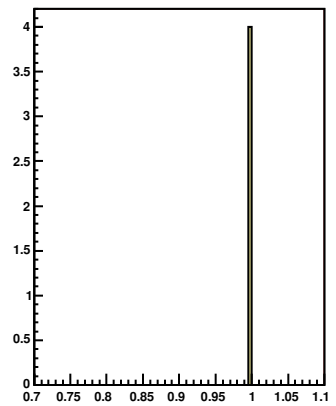
ttbar-PHX_CMUP rawweight



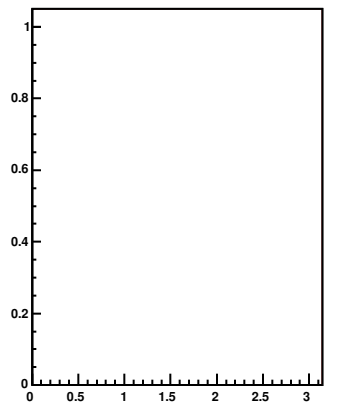
higgsww-PHX_CMUP rawweight



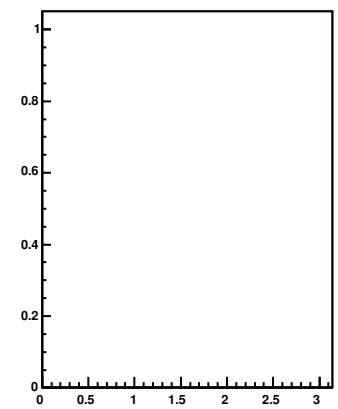
data-PHX_CMUP rawweight



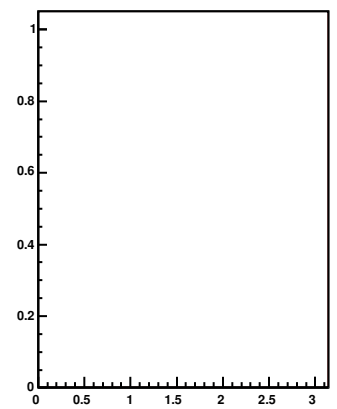
Zee-PHX_CMU dilDphilike



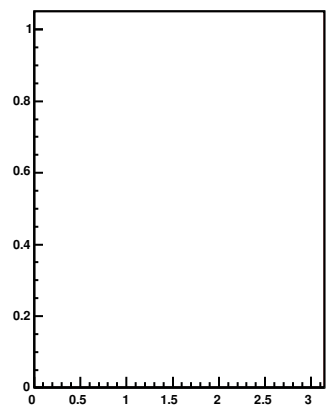
Zmumu-PHX_CMU dilDphilike



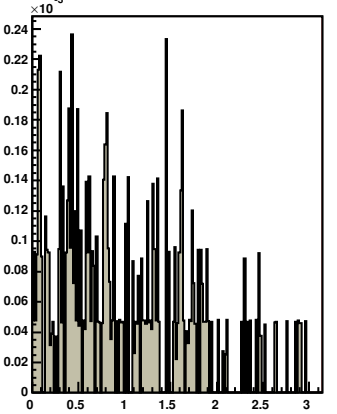
Ztautau-PHX_CMU dilDphilike



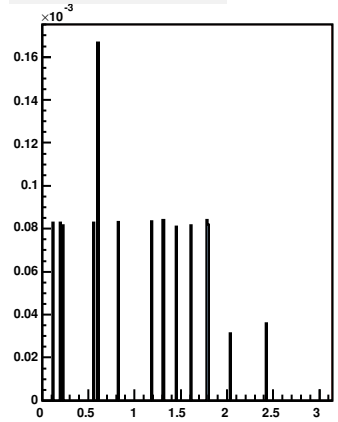
fake-PHX_CMU dilDphilike



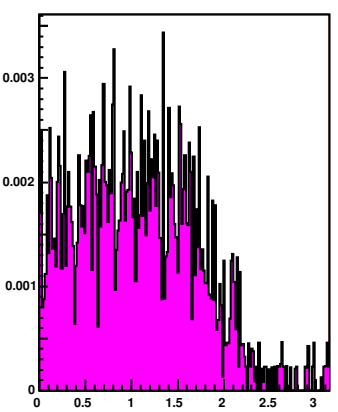
WZ-PHX_CMU dilDphilike



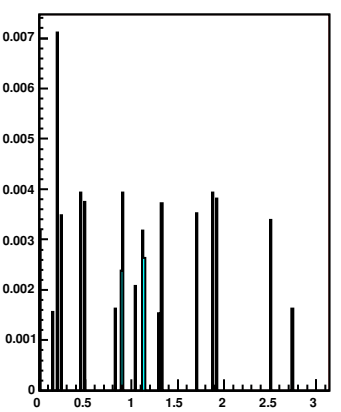
ZZ-PHX_CMU dilDphilike



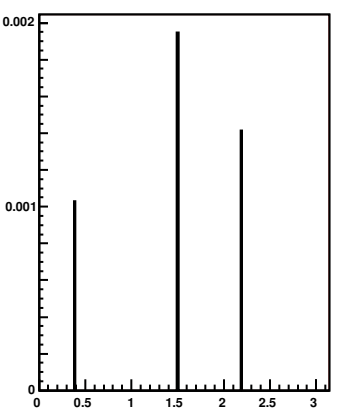
WW-PHX_CMU dilDphilike



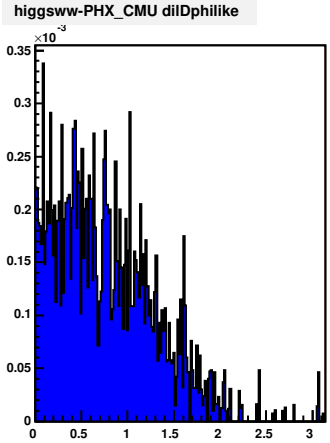
wgamma-PHX_CMU dilDphilike



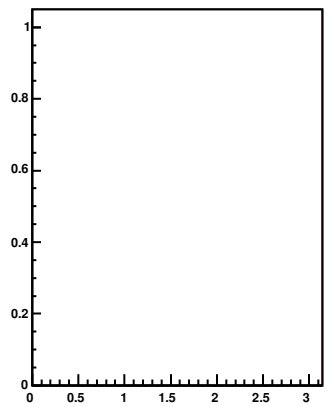
ttbar-PHX_CMU dilDphilike



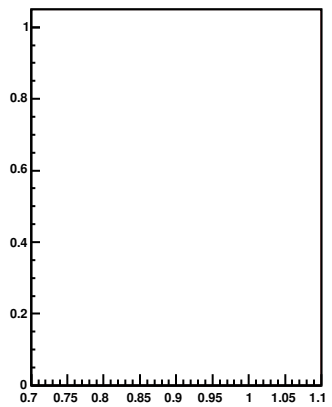
higgsww-PHX_CMU dilDphilike



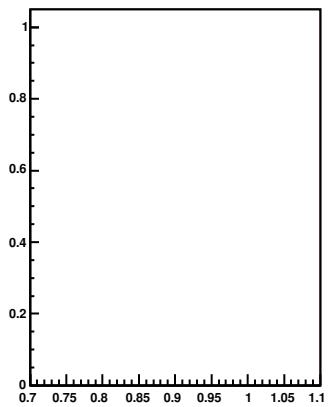
data-PHX_CMU dilDphilike



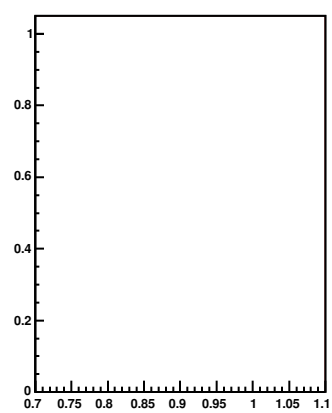
Zee-PHX_CMU rawweight



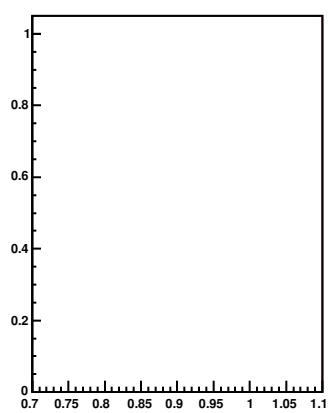
Zmumu-PHX_CMU rawweight



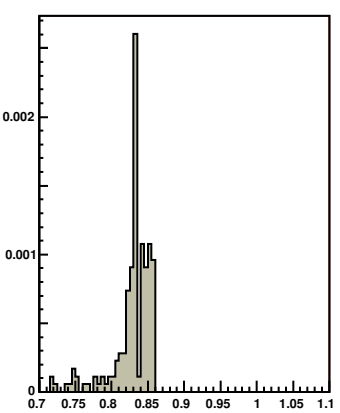
Ztautau-PHX_CMU rawweight



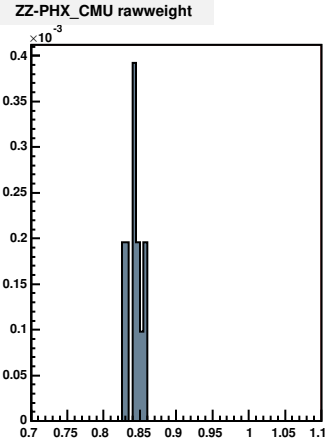
fake-PHX_CMU rawweight



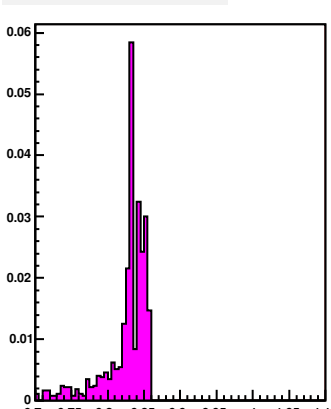
WZ-PHX_CMU rawweight



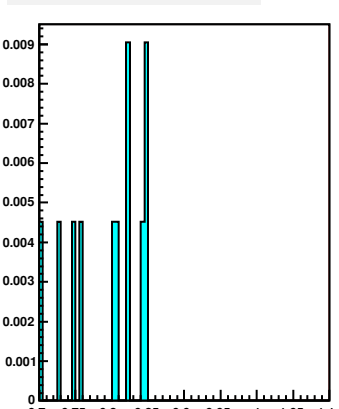
ZZ-PHX_CMU rawweight



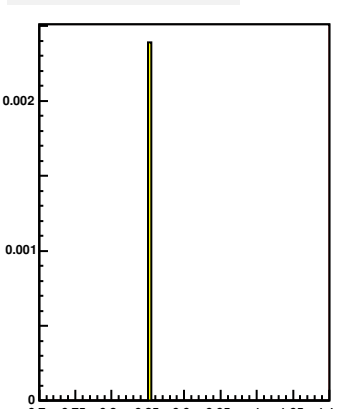
WW-PHX_CMU rawweight



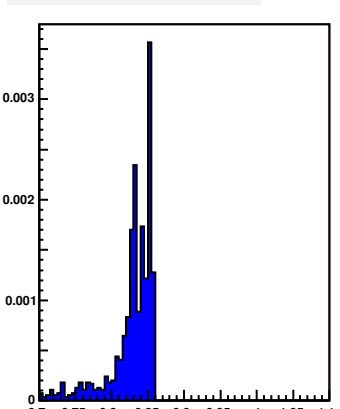
wgamma-PHX_CMU rawweight



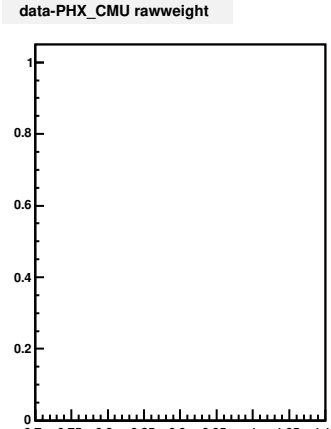
ttbar-PHX_CMU rawweight



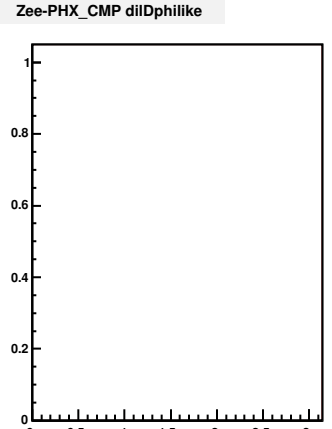
higgsww-PHX_CMU rawweight



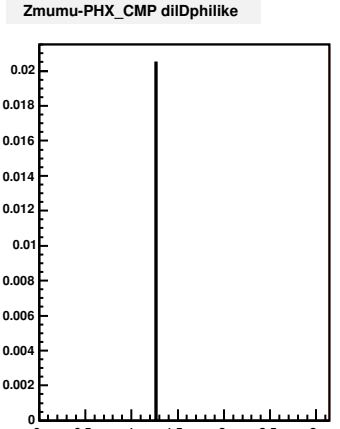
data-PHX_CMU rawweight



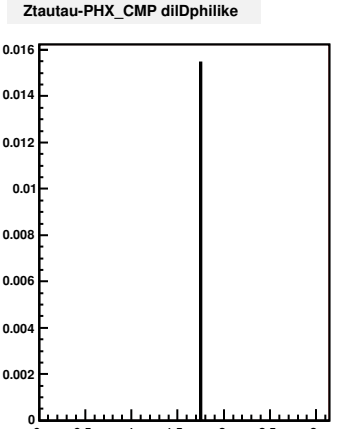
Zee-PHX_CMP dilDphilike



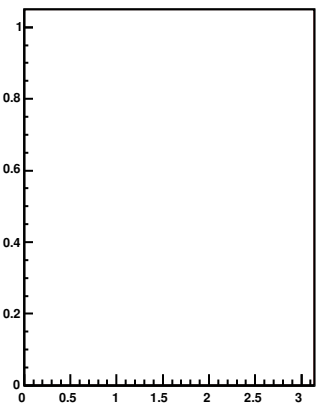
Zmumu-PHX_CMP dilDphilike



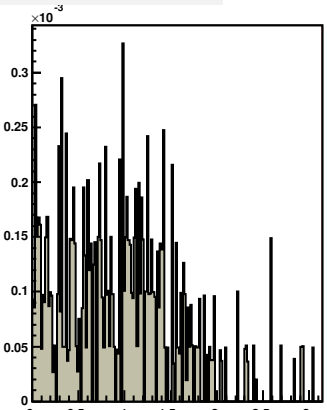
Ztautau-PHX_CMP dilDphilike



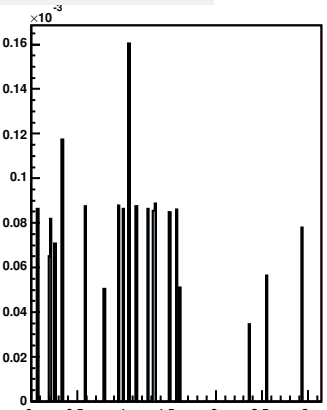
fake-PHX_CMP dilDphilike



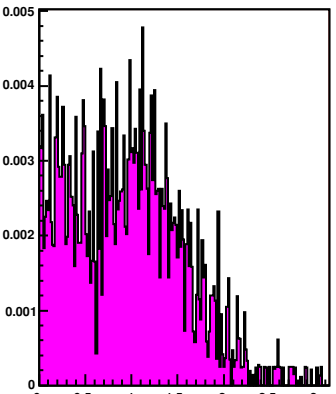
WZ-PHX_CMP dilDphilike



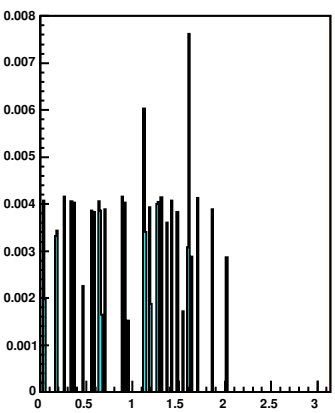
ZZ-PHX_CMP dilDphilike



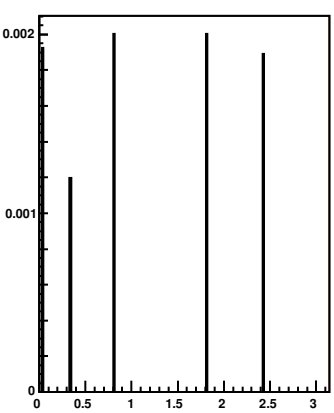
WW-PHX_CMP dilDphilike



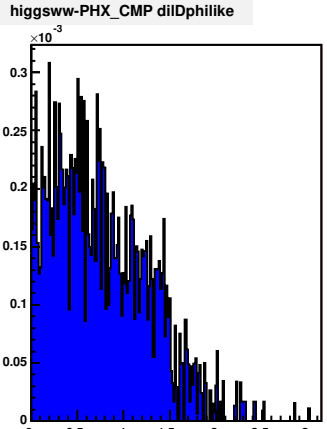
wgamma-PHX_CMP dilDphilike



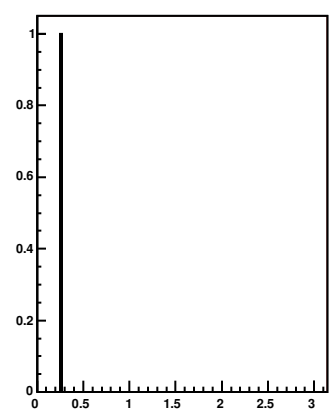
ttbar-PHX_CMP dilDphilike



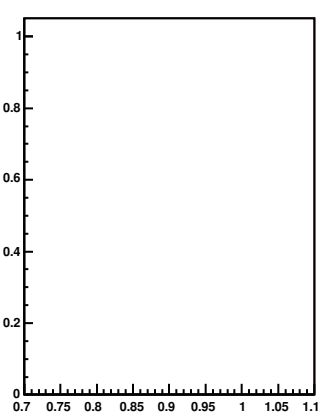
higgsww-PHX_CMP dilDphilike



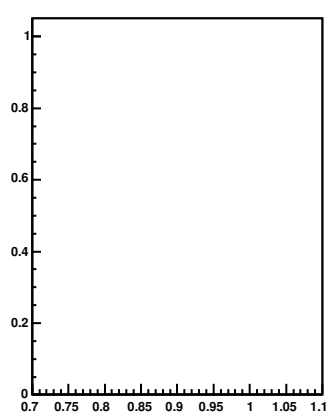
data-PHX_CMP dilDphilike



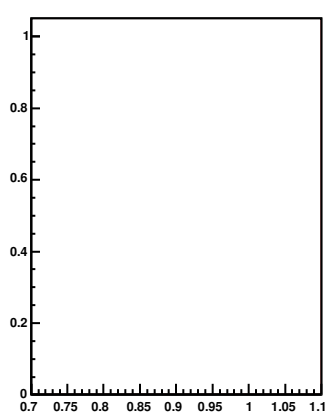
Zee-PHX_CMP rawweight



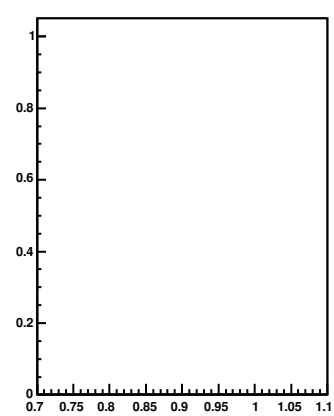
Zmumu-PHX_CMP rawweight



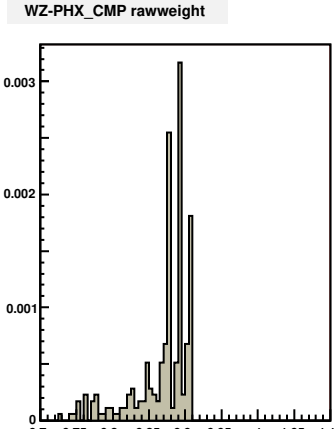
Ztautau-PHX_CMP rawweight



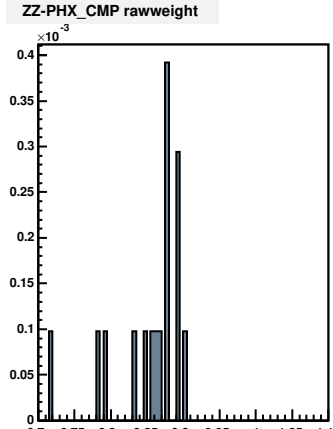
fake-PHX_CMP rawweight



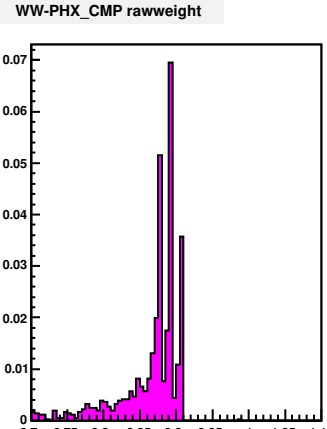
WZ-PHX_CMP rawweight



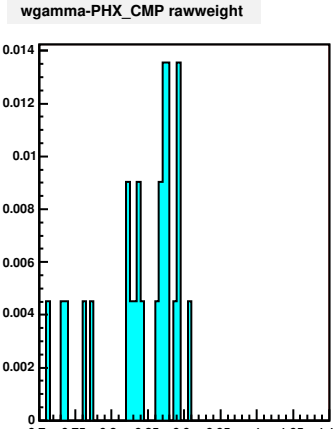
ZZ-PHX_CMP rawweight



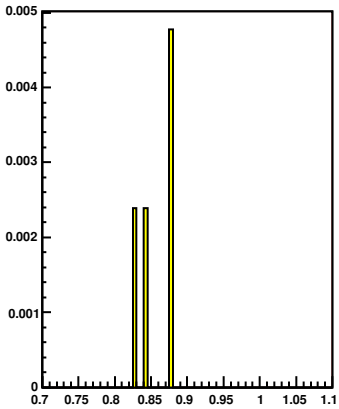
WW-PHX_CMP rawweight



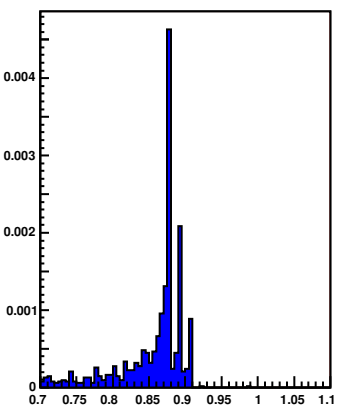
wgamma-PHX_CMP rawweight



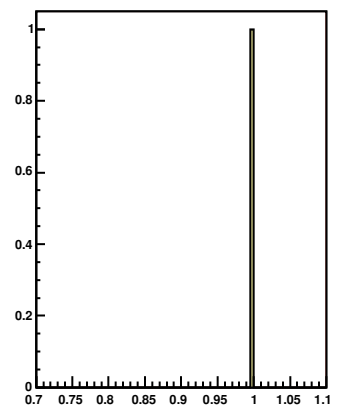
ttbar-PHX_CMP rawweight



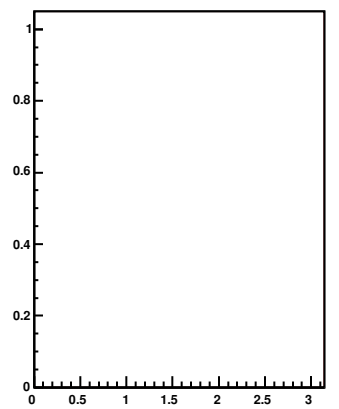
higgsww-PHX_CMP rawweight



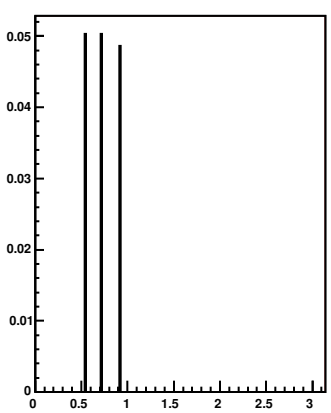
data-PHX_CMP rawweight



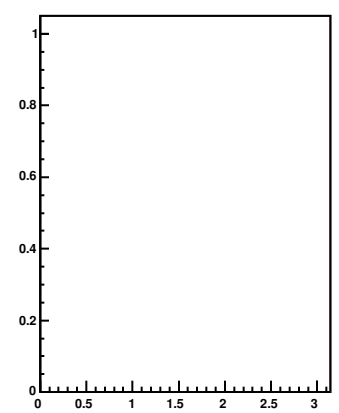
Zee-PHX_CMX dilDphilike



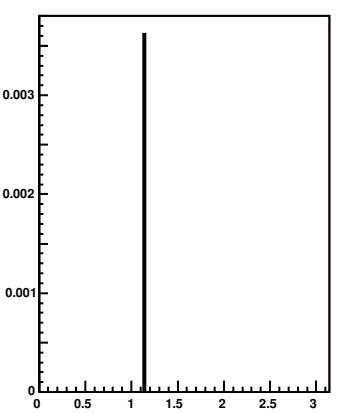
Zmumu-PHX_CMX dilDphilike



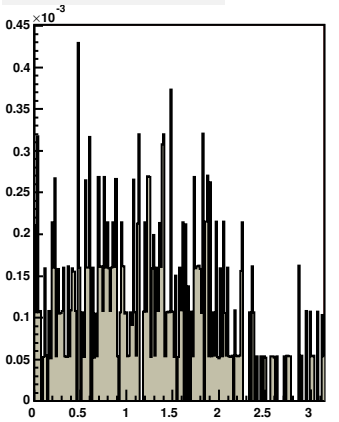
Ztautau-PHX_CMX dilDphilike



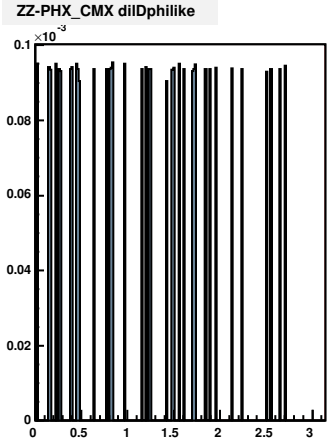
fake-PHX_CMX dilDphilike



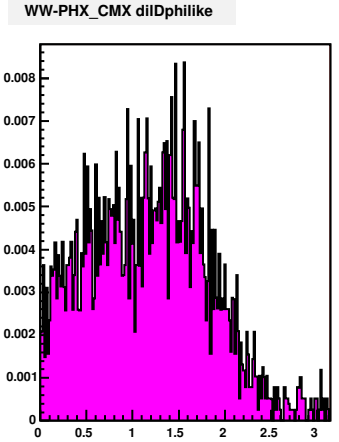
WZ-PHX_CMX dilDphilike



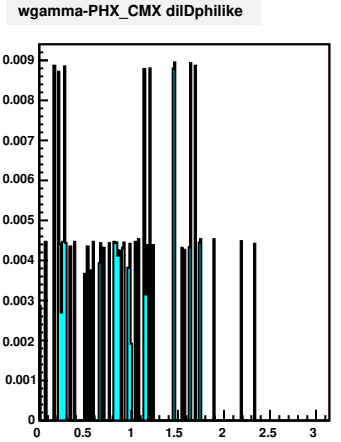
ZZ-PHX_CMX dilDphilike



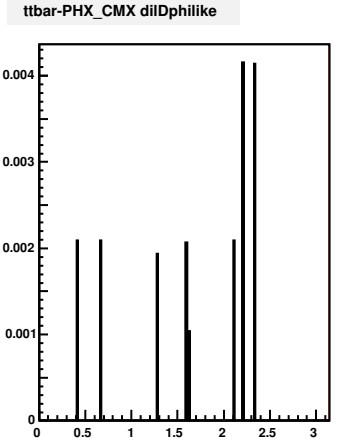
WW-PHX_CMX dilDphilike



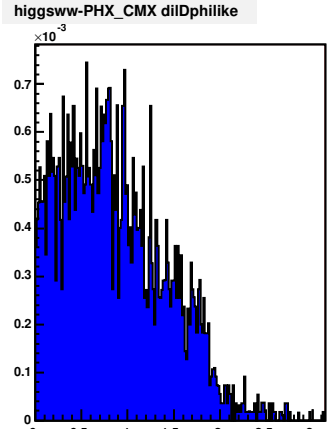
wgamma-PHX_CMX dilDphilike



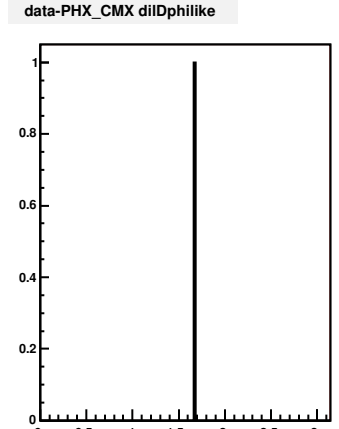
ttbar-PHX_CMX dilDphilike



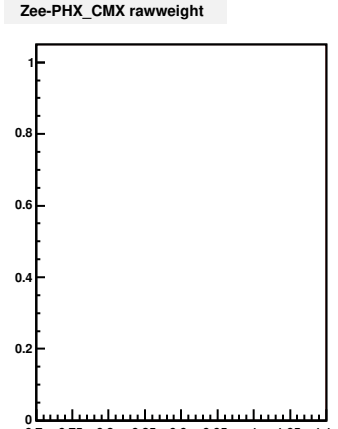
higgsww-PHX_CMX dilDphilike



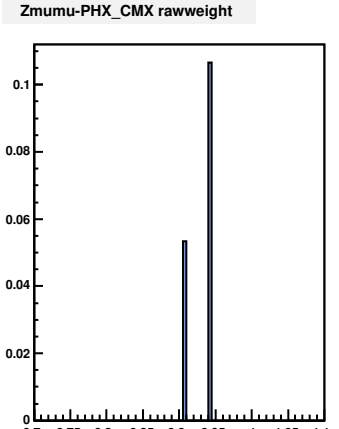
data-PHX_CMX dilDphilike



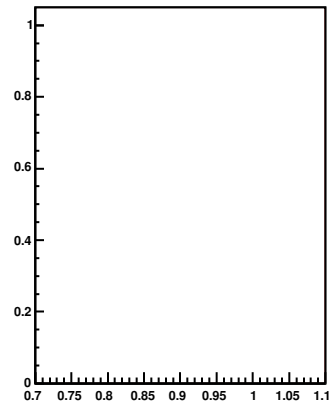
Zee-PHX_CMX rawweight



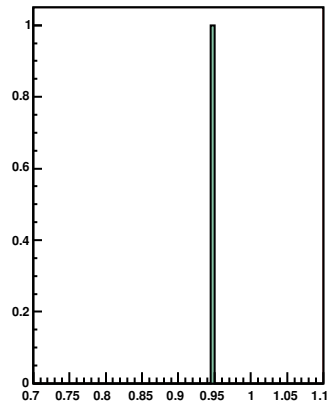
Zmumu-PHX_CMX rawweight



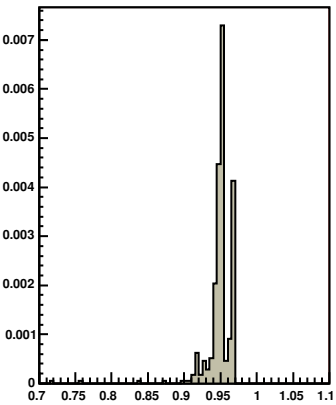
Ztautau-PHX_CMX rawweight



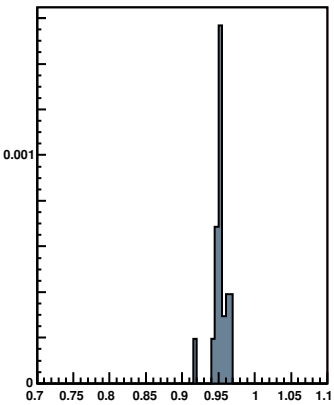
fake-PHX_CMX rawweight



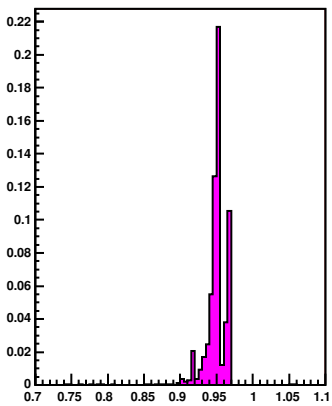
WZ-PHX_CMX rawweight



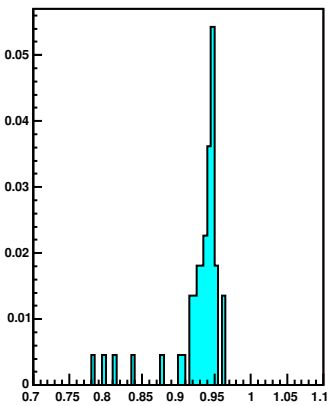
ZZ-PHX_CMX rawweight



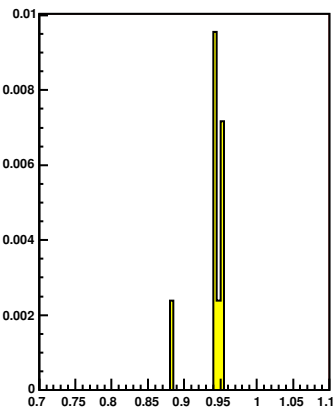
WW-PHX_CMX rawweight



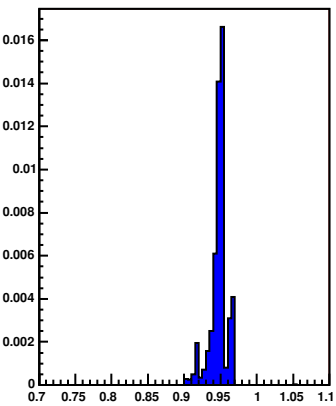
wgamma-PHX_CMX rawweight



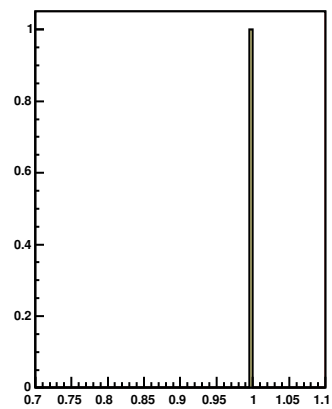
ttbar-PHX_CMX rawweight



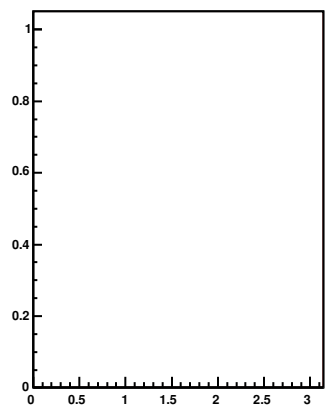
higgsww-PHX_CMX rawweight



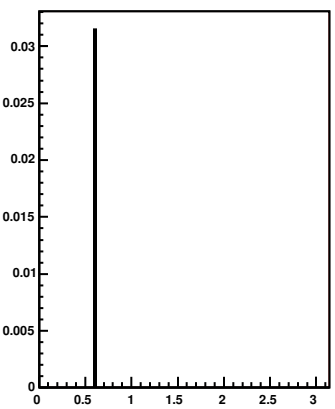
data-PHX_CMX rawweight



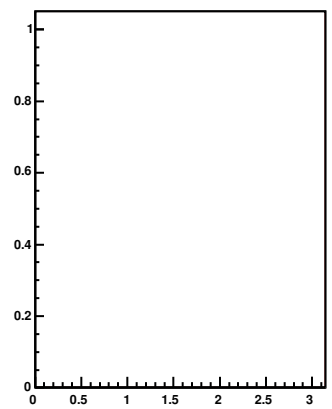
Zee-PHX_CMIO dilDphilike



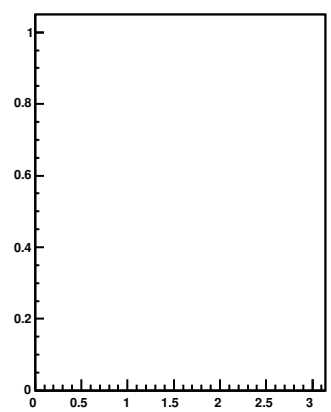
Zmumu-PHX_CMIO dilDphilike



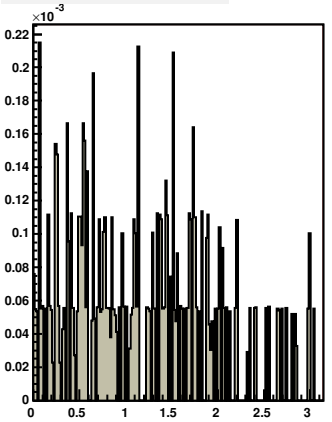
Ztautau-PHX_CMIO dilDphilike



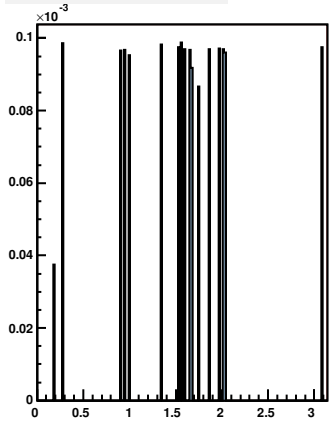
fake-PHX_CMIO dilDphilike



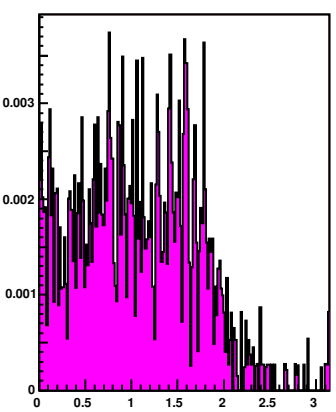
WZ-PHX_CMIO dilDphilike



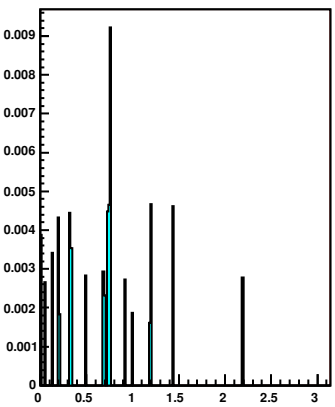
ZZ-PHX_CMIO dilDphilike



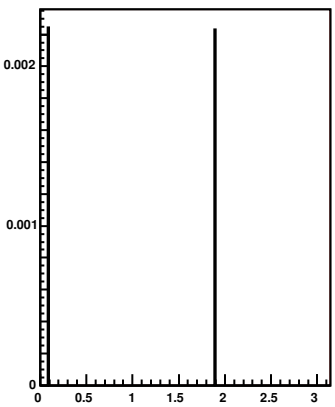
WW-PHX_CMIO dilDphilike



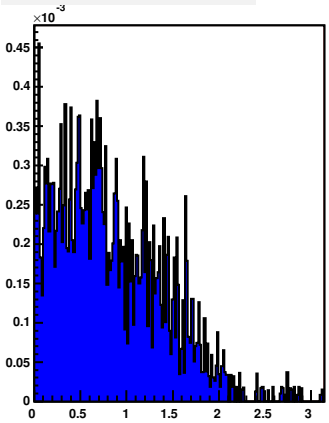
wgamma-PHX_CMIO dilDphilike



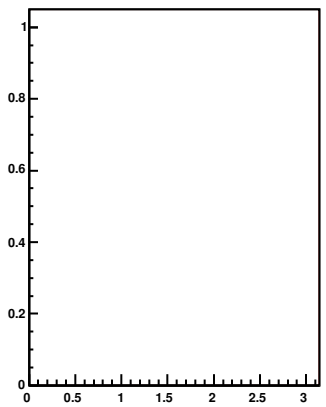
ttbar-PHX_CMIO dilDphilike



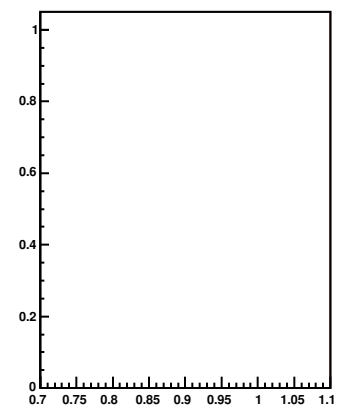
higgsww-PHX_CMIO dilDphilike



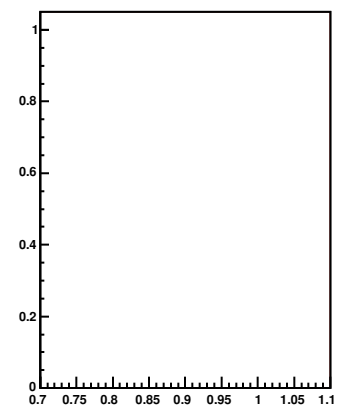
data-PHX_CMIO dilDphilike



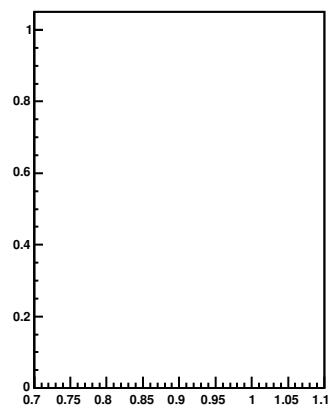
Zee-PHX_CMIO rawweight



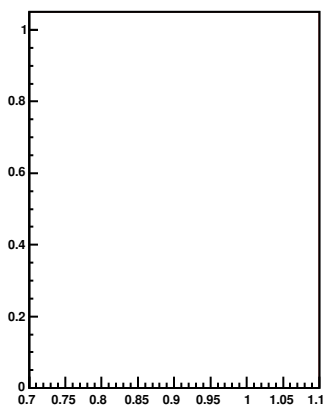
Zmumu-PHX_CMIO rawweight



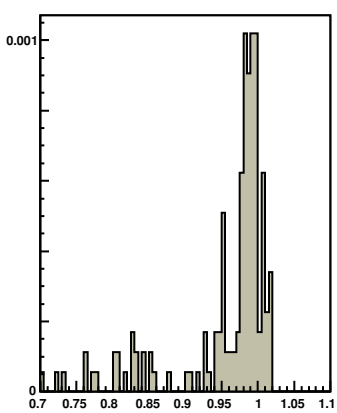
Ztautau-PHX_CMIO rawweight



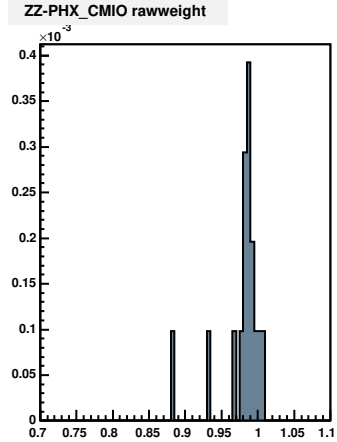
fake-PHX_CMIO rawweight



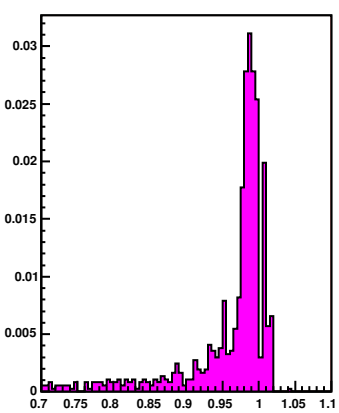
WZ-PHX_CMIO rawweight



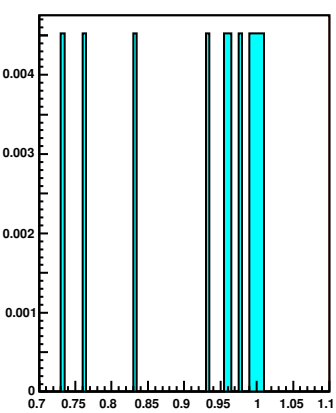
ZZ-PHX_CMIO rawweight



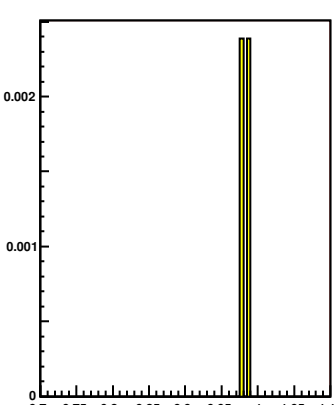
WW-PHX_CMIO rawweight



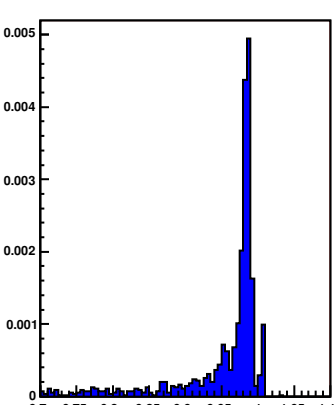
wgamma-PHX_CMIO rawweight



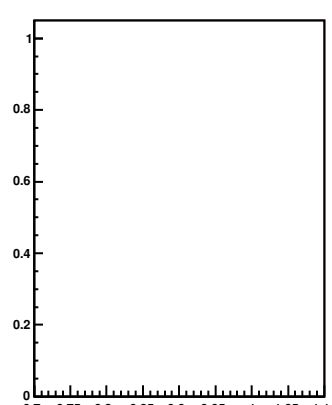
ttbar-PHX_CMIO rawweight



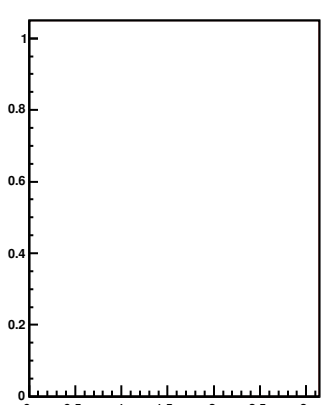
higgsww-PHX_CMIO rawweight



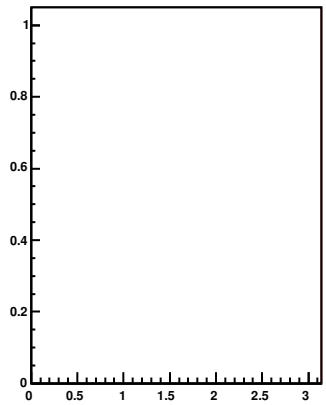
data-PHX_CMIO rawweight



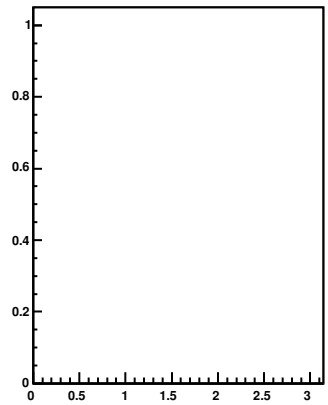
Zee-PEM_CMUP dilDphilike



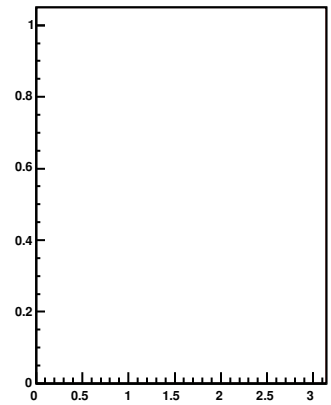
Zmumu-PEM_CMUP dilDphilike



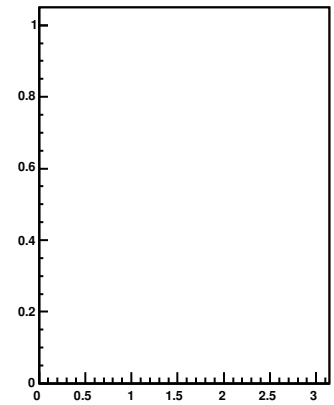
Ztautau-PEM_CMUP dilDphilike



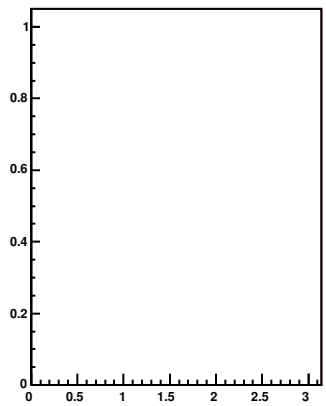
fake-PEM_CMUP dilDphilike



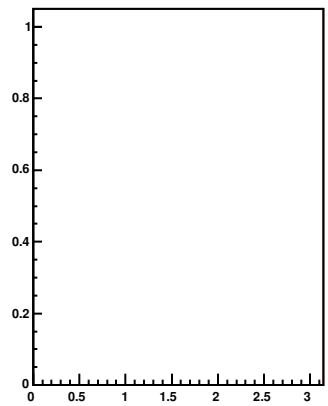
WZ-PEM_CMUP dilDphilike



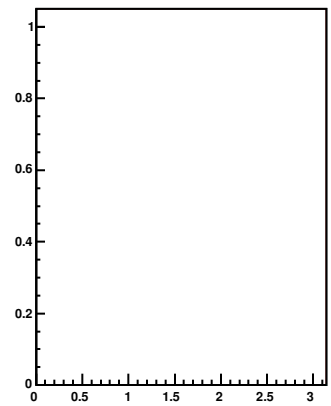
ZZ-PEM_CMUP dilDphilike



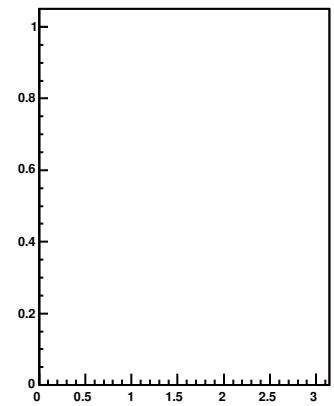
WW-PEM_CMUP dilDphilike



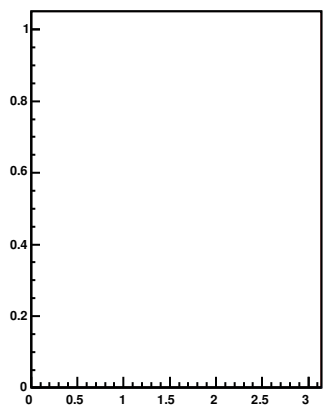
wgamma-PEM_CMUP dilDphilike



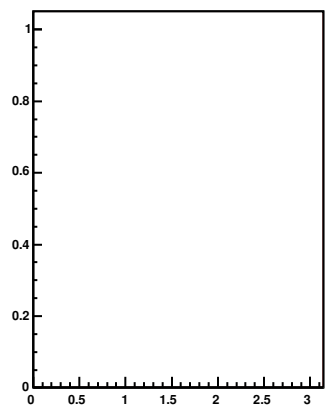
ttbar-PEM_CMUP dilDphilike



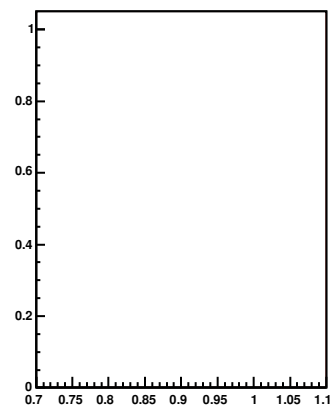
higgsww-PEM_CMUP dilDphilike



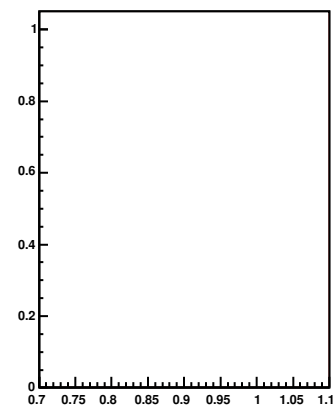
data-PEM_CMUP dilDphilike



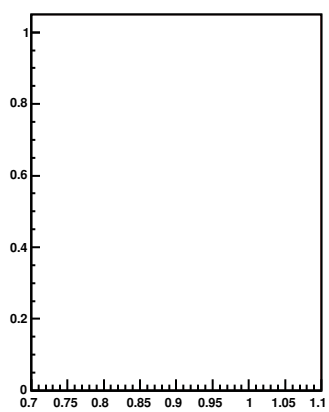
Zee-PEM_CMUP rawweight



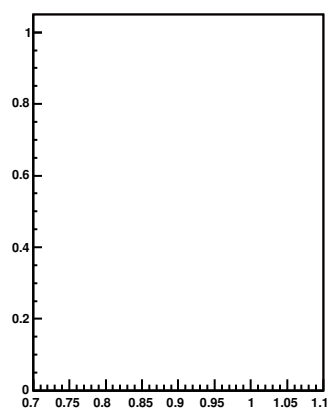
Zmumu-PEM_CMUP rawweight



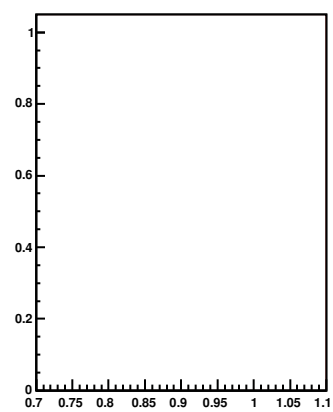
Ztautau-PEM_CMUP rawweight



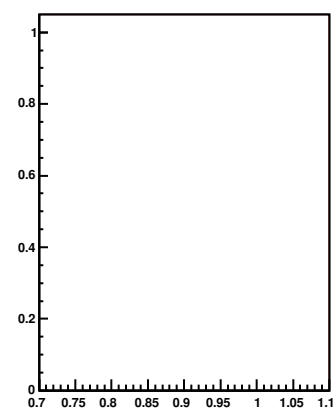
fake-PEM_CMUP rawweight



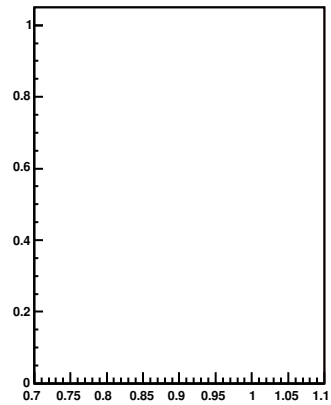
WZ-PEM_CMUP rawweight



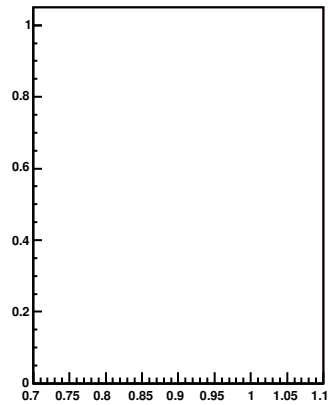
ZZ-PEM_CMUP rawweight



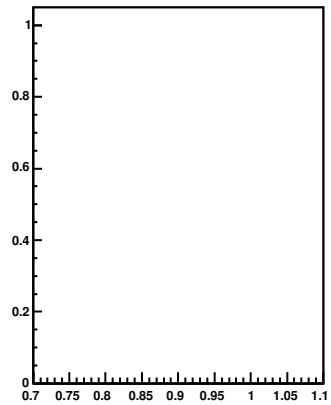
WW-PEM_CMUP rawweight



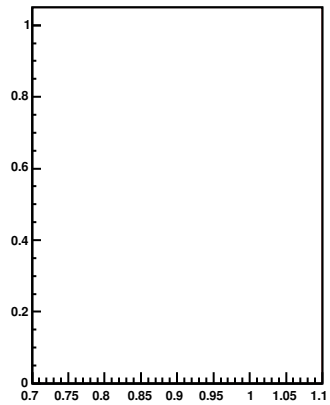
wgamma-PEM_CMUP rawweight



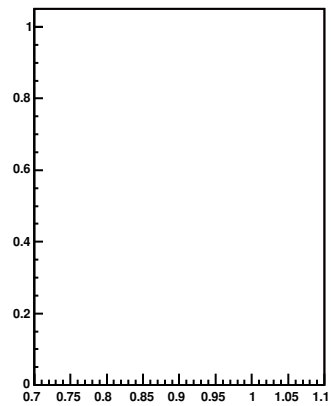
ttbar-PEM_CMUP rawweight



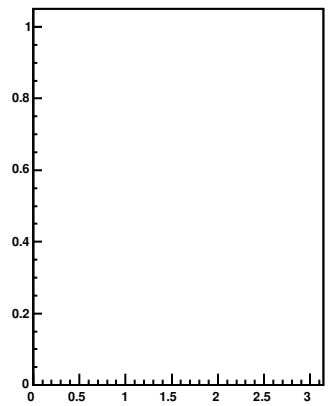
higgsww-PEM_CMUP rawweight



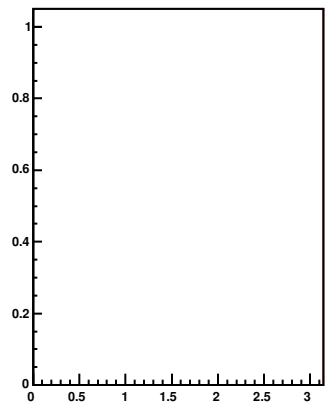
data-PEM_CMUP rawweight



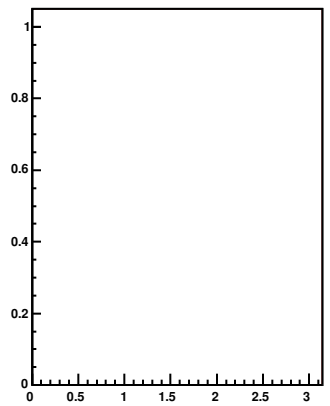
Zee-PEM_CMX dilDphilike



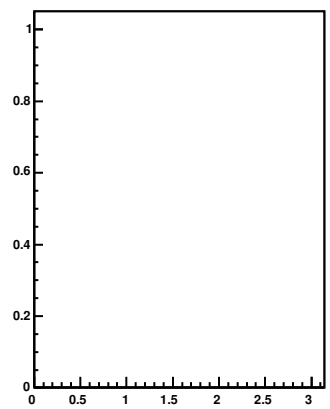
Zmumu-PEM_CMX dilDphilike



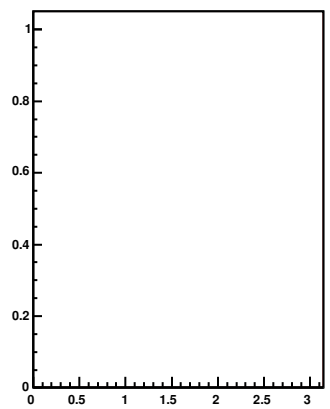
Ztautau-PEM_CMX dilDphilike



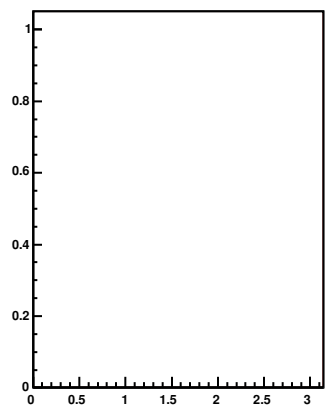
fake-PEM_CMX dilDphilike



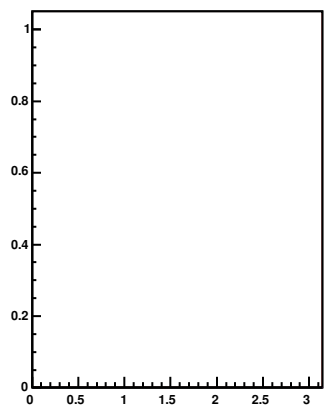
WZ-PEM_CMX dilDphilike



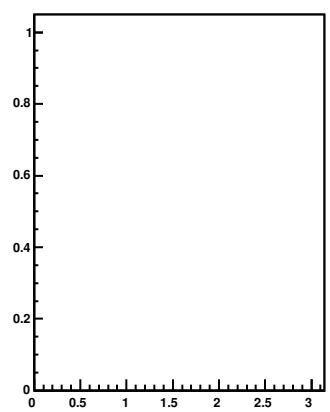
ZZ-PEM_CMX dilDphilike



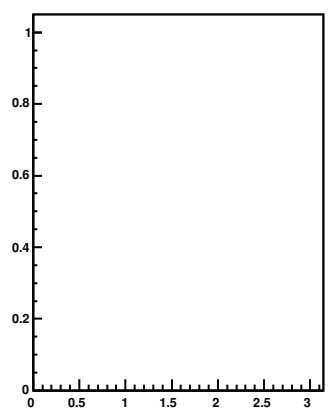
WW-PEM_CMX dilDphilike



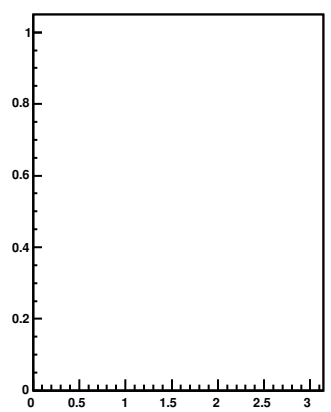
wgamma-PEM_CMX dilDphilike



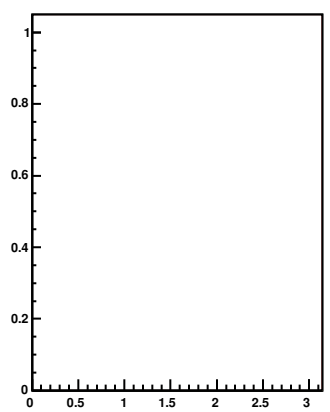
ttbar-PEM_CMX dilDphilike



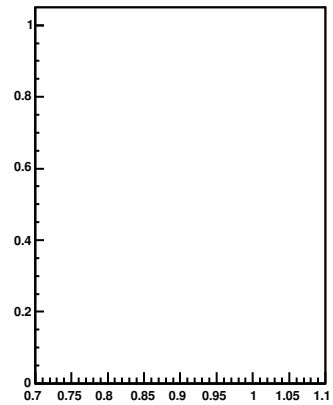
higgsww-PEM_CMX dilDphilike



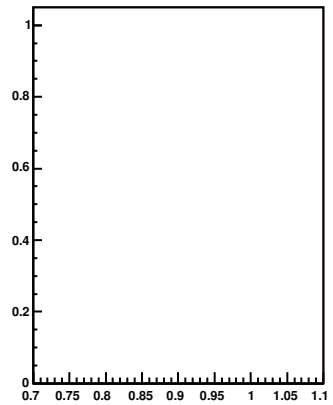
data-PEM_CMX dilDphilike



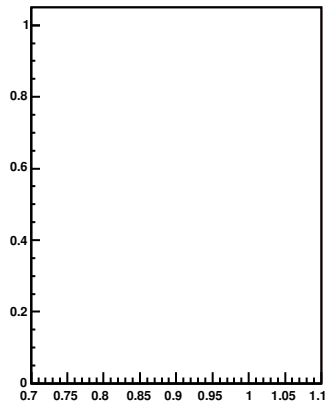
Zee-PEM_CMX rawweight



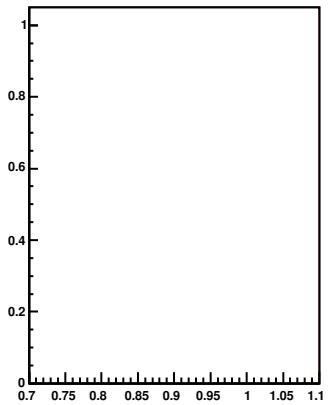
Zmumu-PEM_CMX rawweight



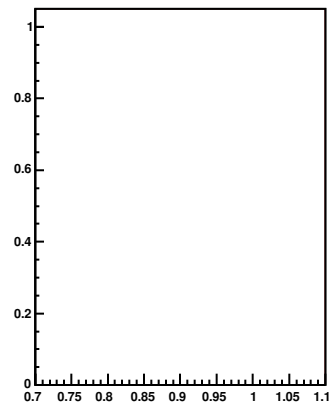
Ztautau-PEM_CMX rawweight



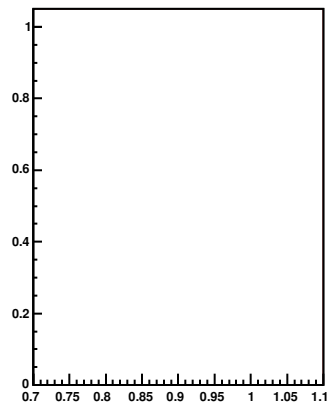
fake-PEM_CMX rawweight



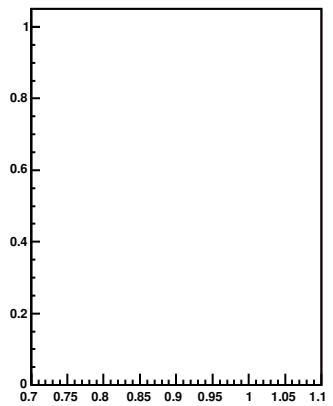
WZ-PEM_CMX rawweight



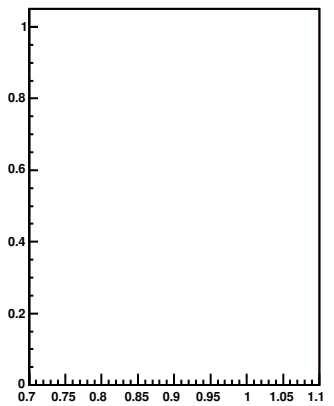
ZZ-PEM_CMX rawweight



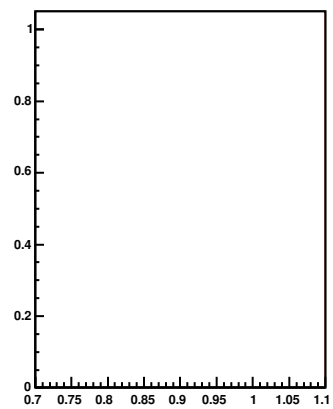
WW-PEM_CMX rawweight



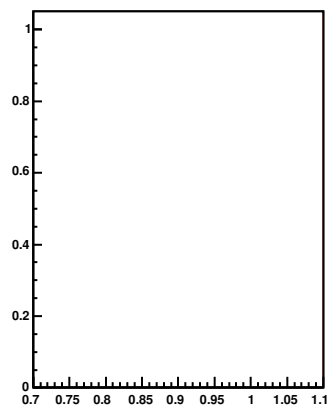
wgamma-PEM_CMX rawweight



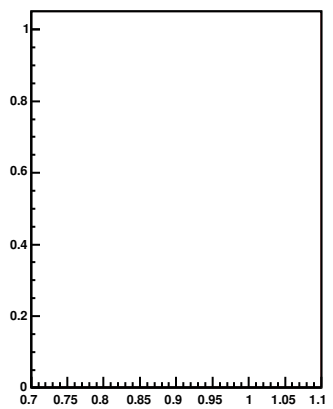
ttbar-PEM_CMX rawweight



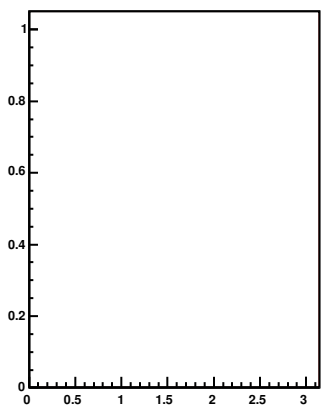
higgsww-PEM_CMX rawweight



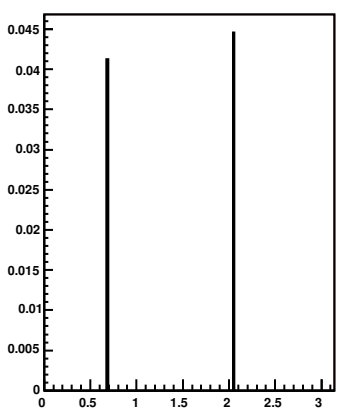
data-PEM_CMX rawweight



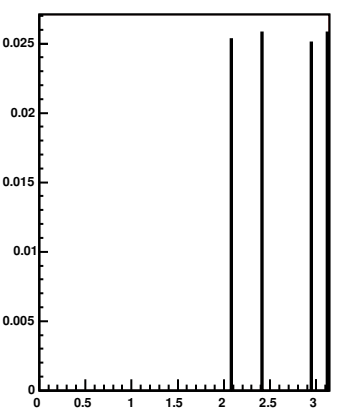
Zee-CMUP_CMUP dilDphilike



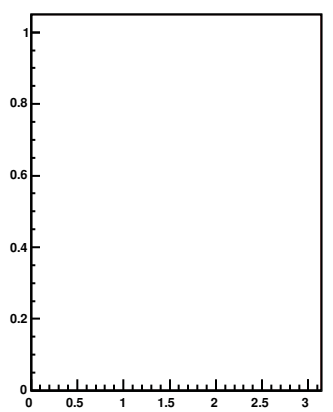
Zmumu-CMUP_CMUP dilDphilike



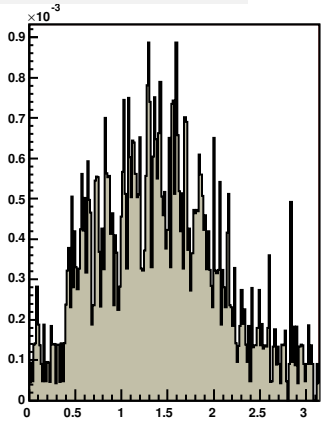
Ztautau-CMUP_CMUP dilDphilike



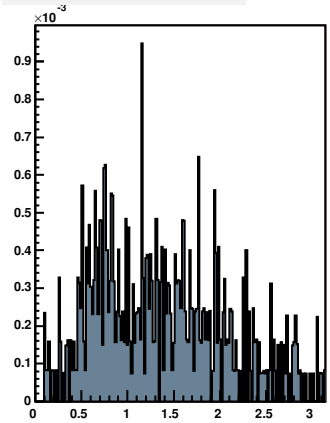
fake-CMUP_CMUP dilDphilike



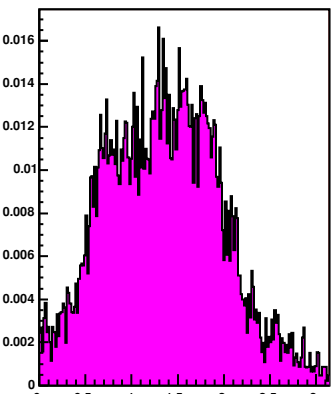
WZ-CMUP_CMUP dilDphilike



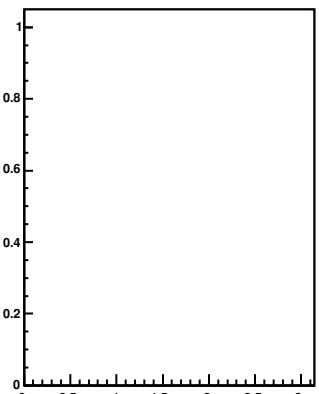
ZZ-CMUP_CMUP dilDphilike



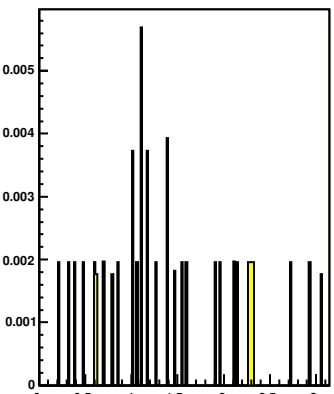
WW-CMUP_CMUP dilDphilike



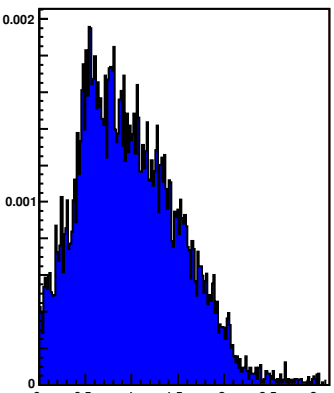
wgamma-CMUP_CMUP dilDphilike



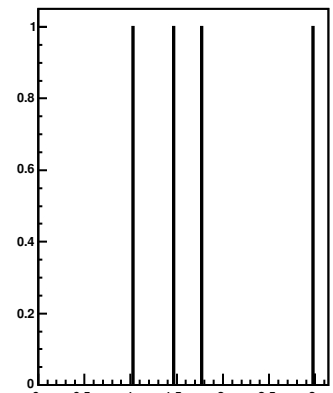
ttbar-CMUP_CMUP dilDphilike



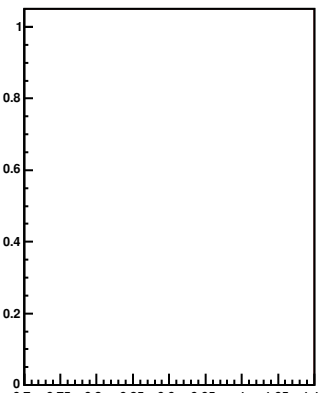
higgsww-CMUP_CMUP dilDphilike



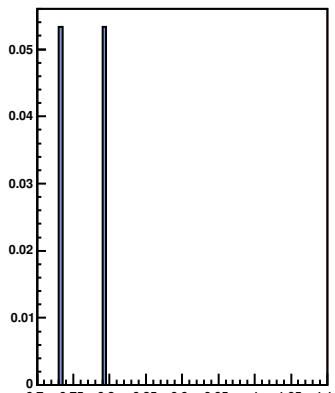
data-CMUP_CMUP dilDphilike



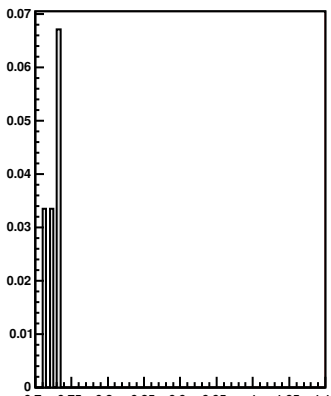
Zee-CMUP_CMUP rawweight



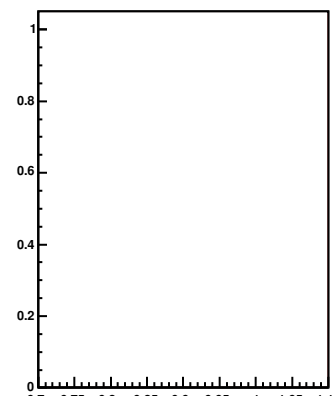
Zmumu-CMUP_CMUP rawweight



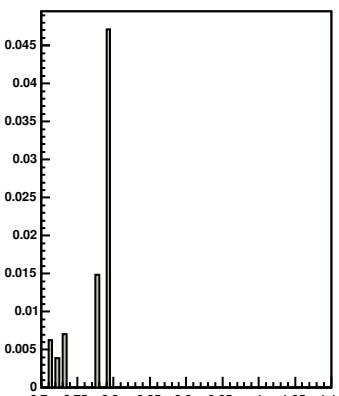
Ztautau-CMUP_CMUP rawweight



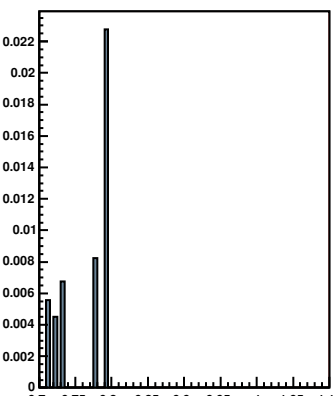
fake-CMUP_CMUP rawweight



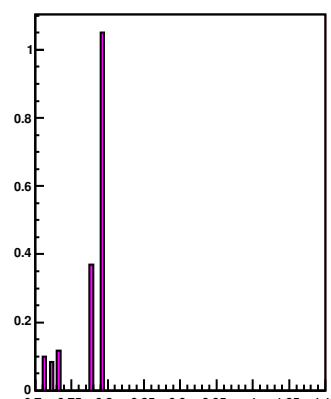
WZ-CMUP_CMUP rawweight



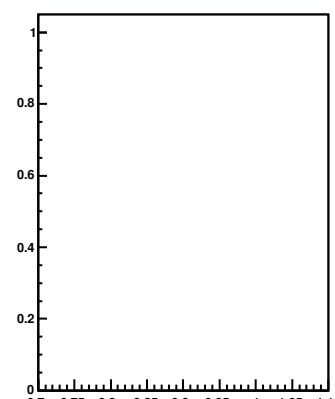
ZZ-CMUP_CMUP rawweight



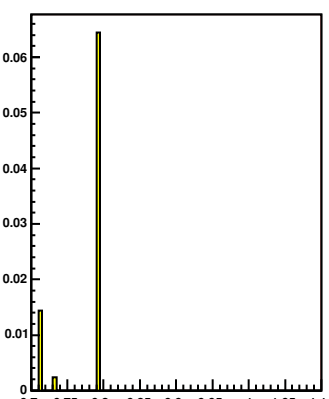
WW-CMUP_CMUP rawweight



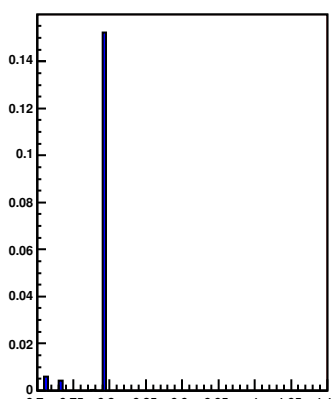
wgamma-CMUP_CMUP rawweight



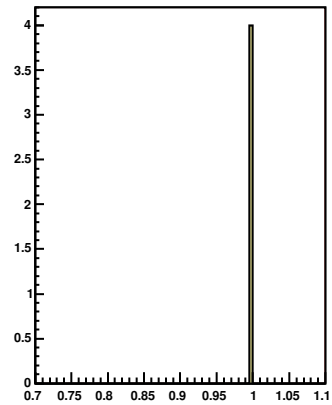
ttbar-CMUP_CMUP rawweight



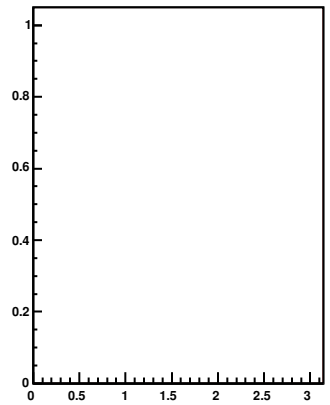
higgsww-CMUP_CMUP rawweight



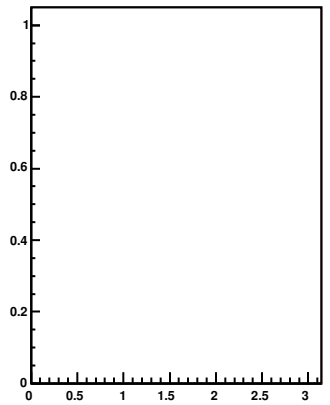
data-CMUP_CMUP rawweight



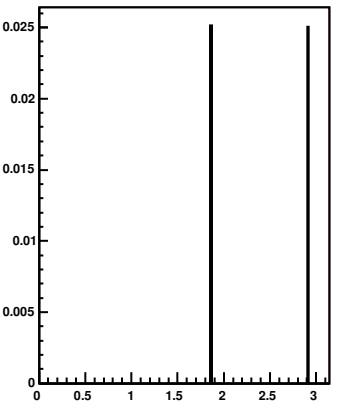
Zee-CMUP_CMU dilDphilike



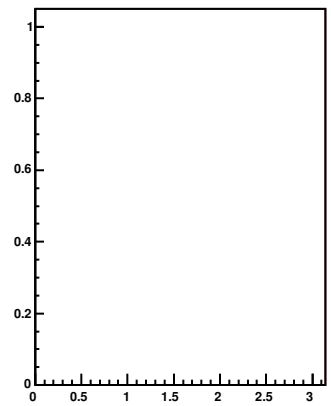
Zmumu-CMUP_CMU dilDphilike



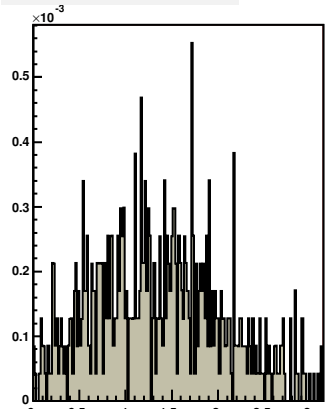
Ztautau-CMUP_CMU dilDphilike



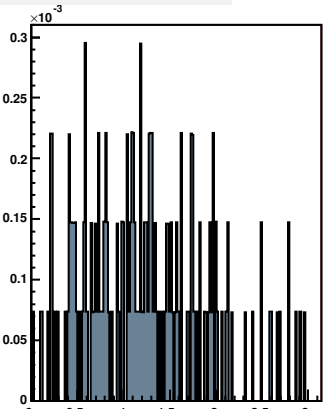
fake-CMUP_CMU dilDphilike



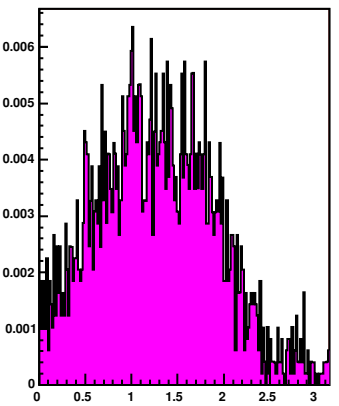
WZ-CMUP_CMU dilDphilike



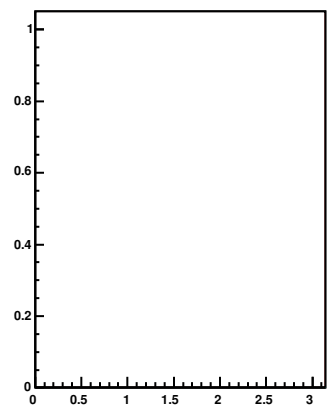
ZZ-CMUP_CMU dilDphilike



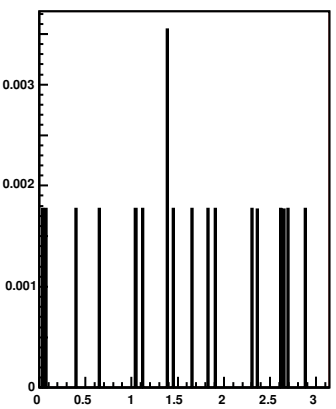
WW-CMUP_CMU dilDphilike



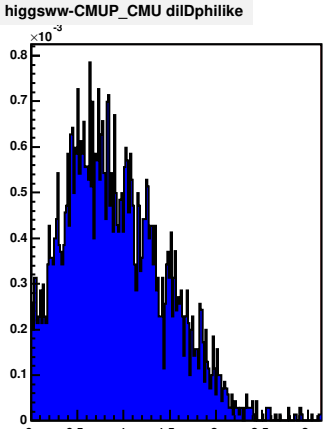
wgamma-CMUP_CMU dilDphilike



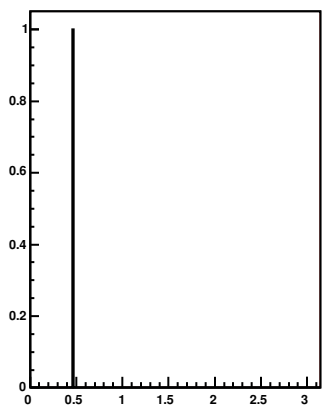
ttbar-CMUP_CMU dilDphilike



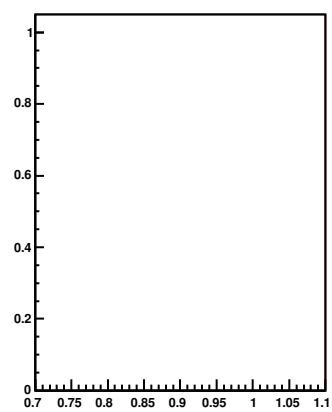
higgsww-CMUP_CMU dilDphilike



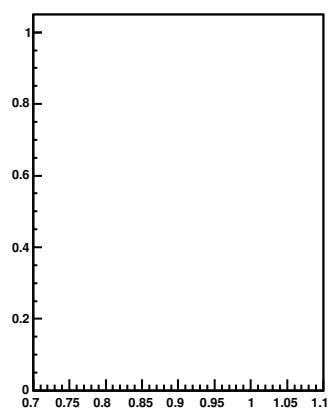
data-CMUP_CMU dilDphilike



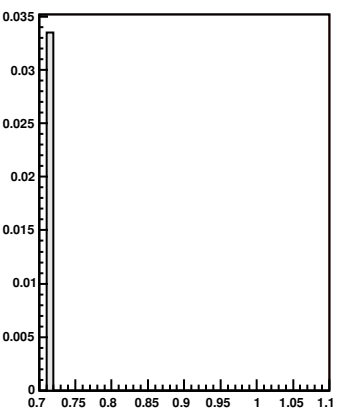
Zee-CMUP_CMU rawweight



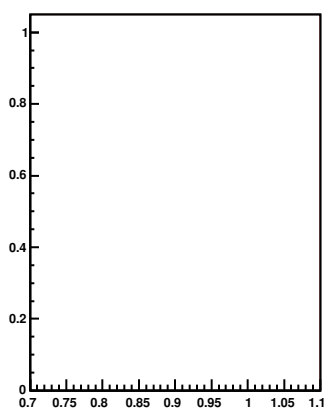
Zmumu-CMUP_CMU rawweight



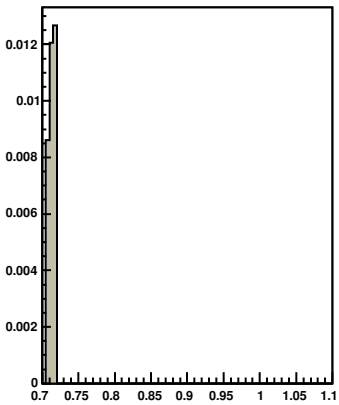
Ztautau-CMUP_CMU rawweight



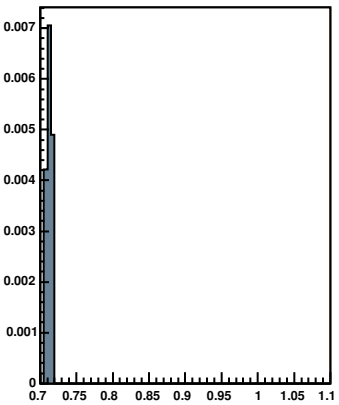
fake-CMUP_CMU rawweight



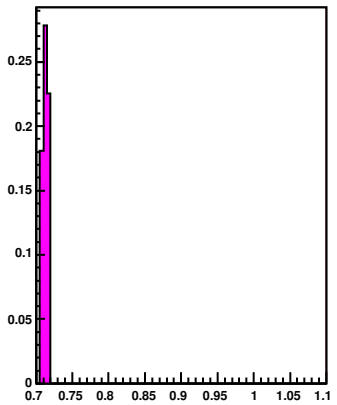
WZ-CMUP_CMU rawweight



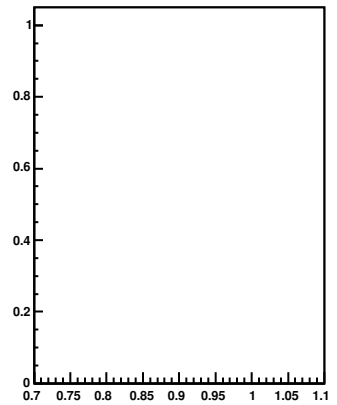
ZZ-CMUP_CMU rawweight



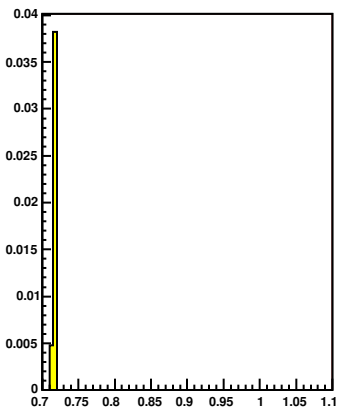
WW-CMUP_CMU rawweight



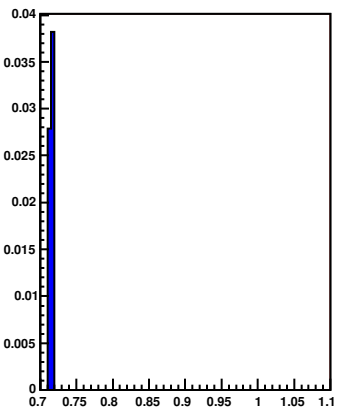
wgamma-CMUP_CMU rawweight



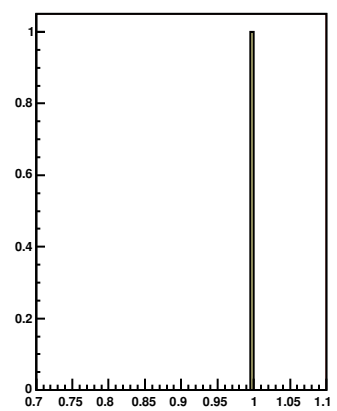
ttbar-CMUP_CMU rawweight



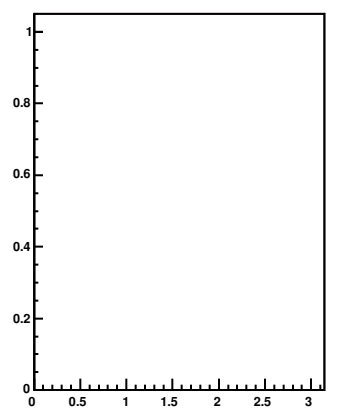
higgsww-CMUP_CMU rawweight



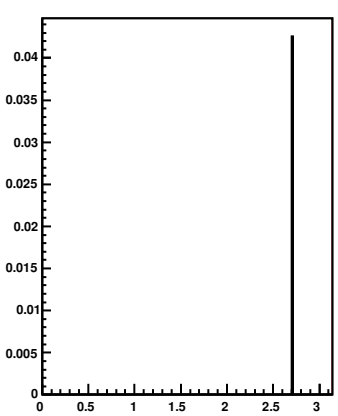
data-CMUP_CMU rawweight



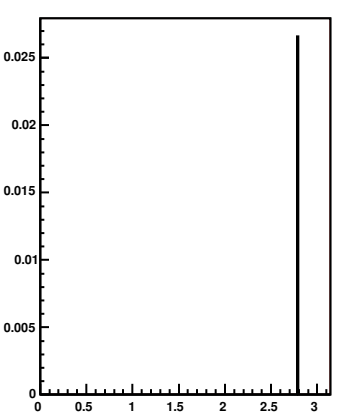
Zee-CMUP_CMP dilDphilike



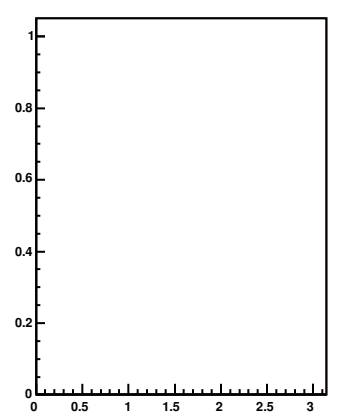
Zmumu-CMUP_CMP dilDphilike



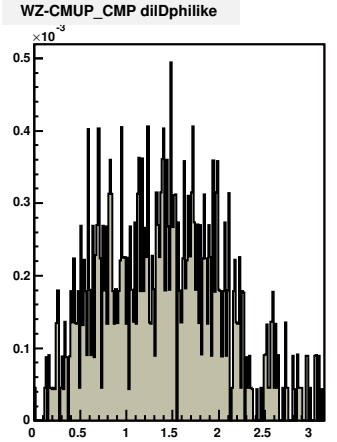
Ztautau-CMUP_CMP dilDphilike



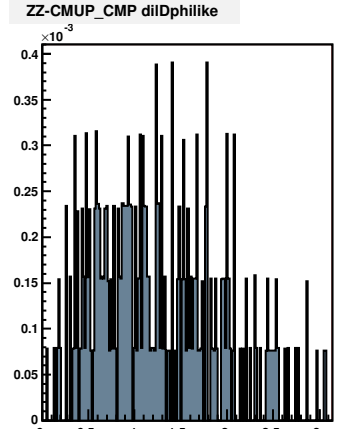
fake-CMUP_CMP dilDphilike



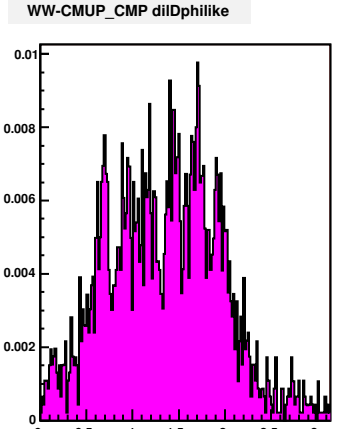
WZ-CMUP_CMP dilDphilike



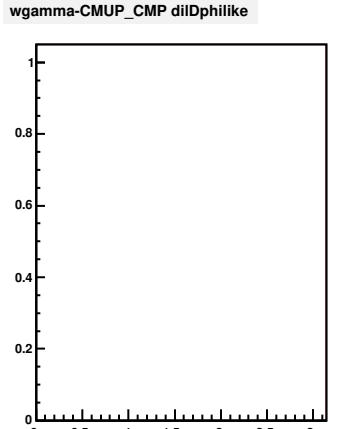
ZZ-CMUP_CMP dilDphilike



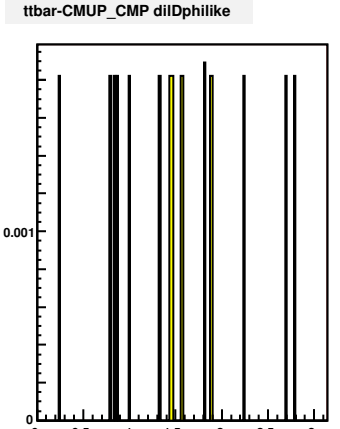
WW-CMUP_CMP dilDphilike



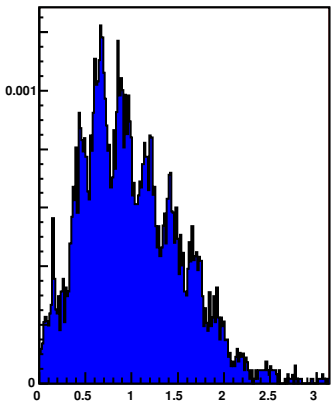
wgamma-CMUP_CMP dilDphilike



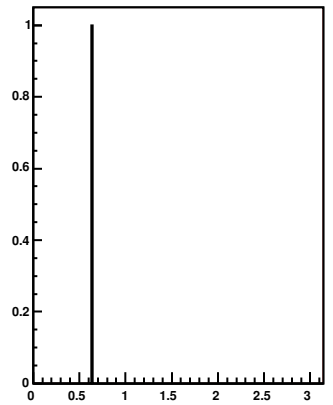
ttbar-CMUP_CMP dilDphilike



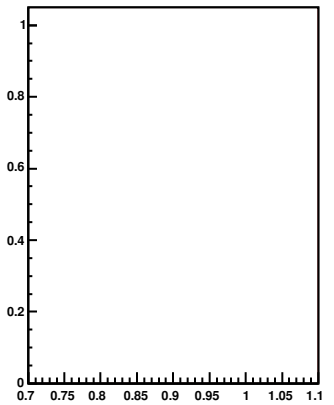
higgsww-CMUP_CMP dilDphilike



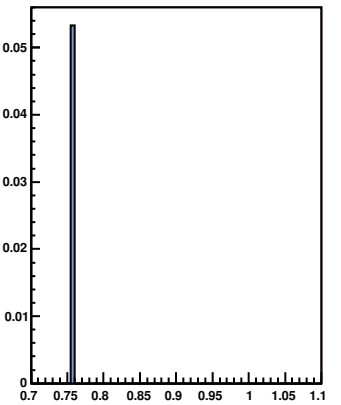
data-CMUP_CMP dilDphilike



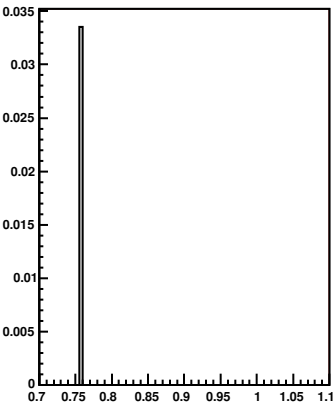
Zee-CMUP_CMP rawweight



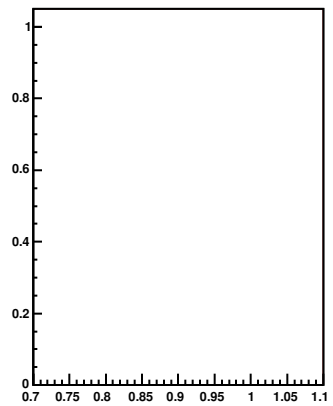
Zmumu-CMUP_CMP rawweight



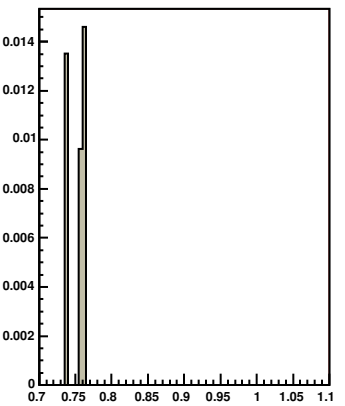
Ztautau-CMUP_CMP rawweight



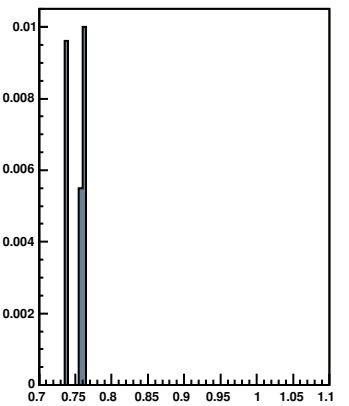
fake-CMUP_CMP rawweight



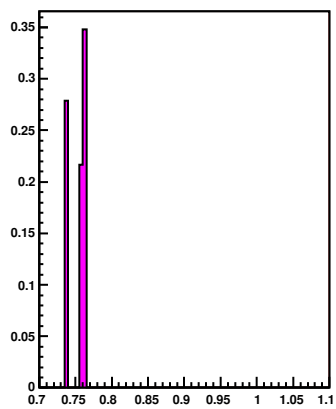
WZ-CMUP_CMP rawweight



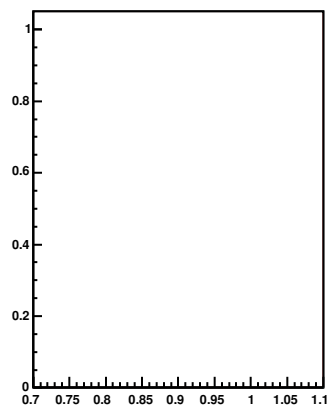
ZZ-CMUP_CMP rawweight



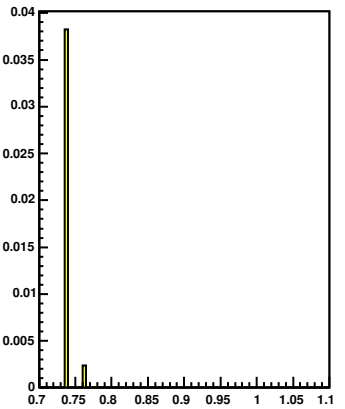
WW-CMUP_CMP rawweight



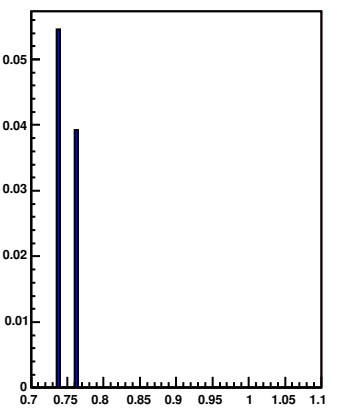
wgamma-CMUP_CMP rawweight



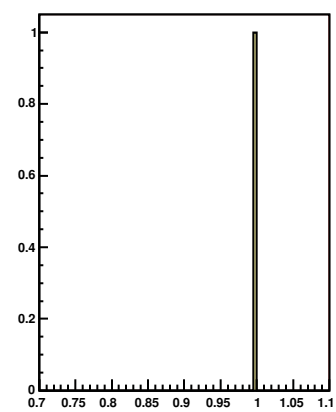
ttbar-CMUP_CMP rawweight



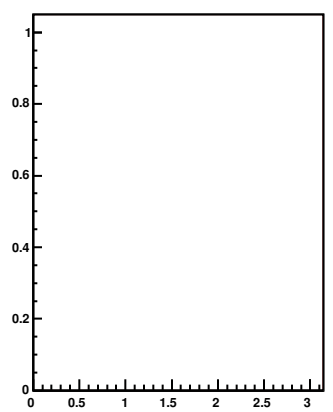
higgsww-CMUP_CMP rawweight



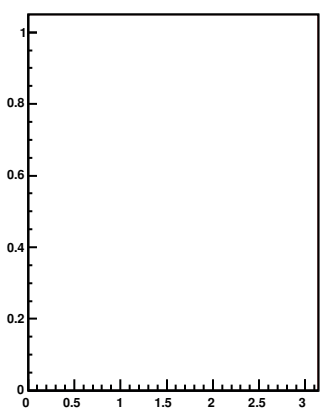
data-CMUP_CMP rawweight



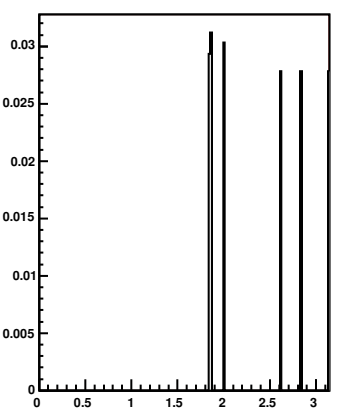
Zee-CMUP_CMX dilDphilike



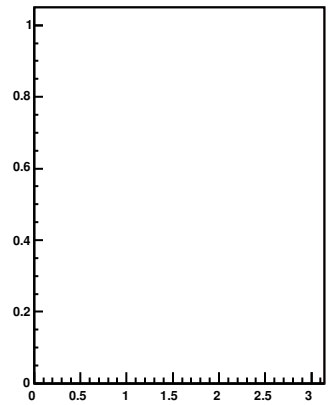
Zmumu-CMUP_CMX dilDphilike



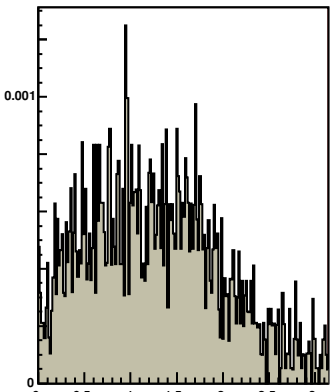
Ztautau-CMUP_CMX dilDphilike



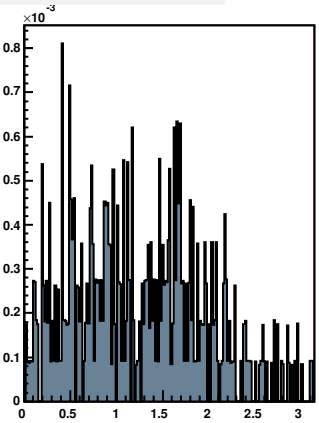
fake-CMUP_CMX dilDphilike



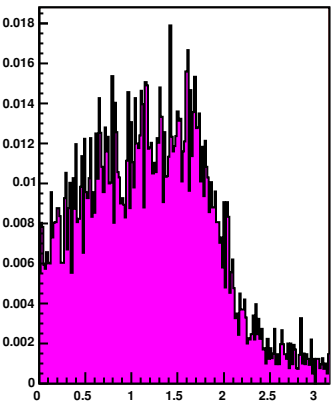
WZ-CMUP_CMX dilDphilike



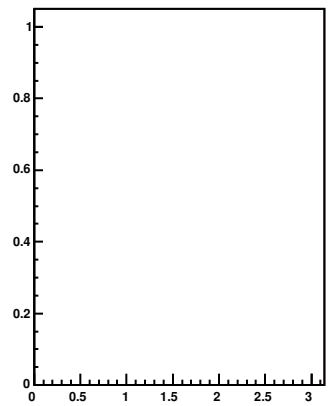
ZZ-CMUP_CMX dilDphilike



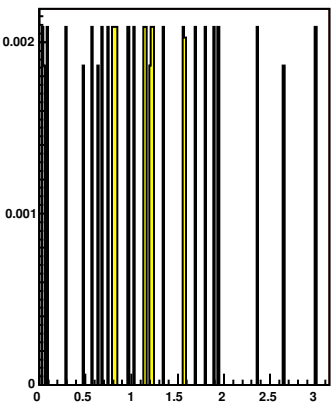
WW-CMUP_CMX dilDphilike



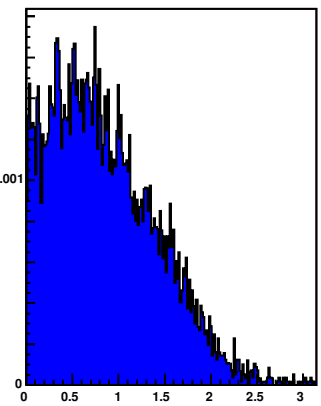
wgamma-CMUP_CMX dilDphilike



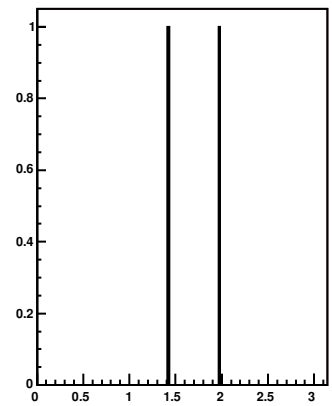
ttbar-CMUP_CMX dilDphilike



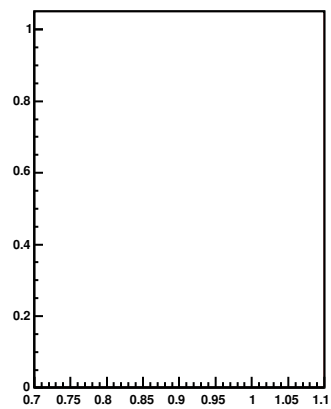
higgsww-CMUP_CMX dilDphilike



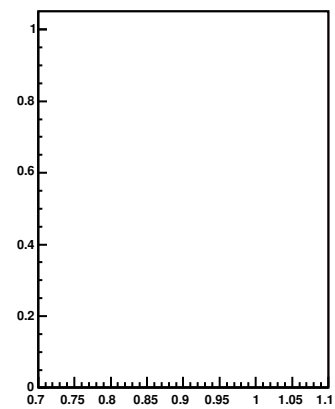
data-CMUP_CMX dilDphilike



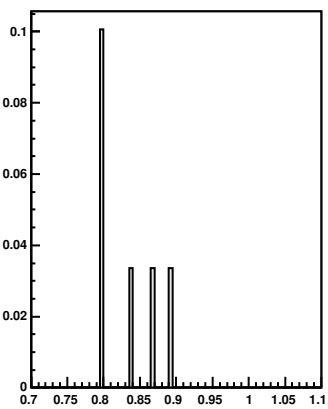
Zee-CMUP_CMX rawweight



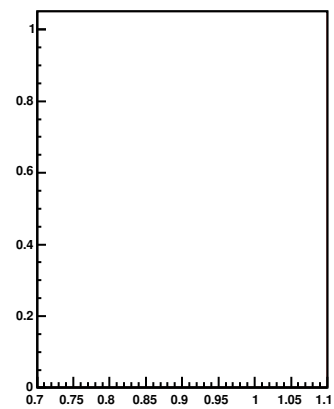
Zmumu-CMUP_CMX rawweight



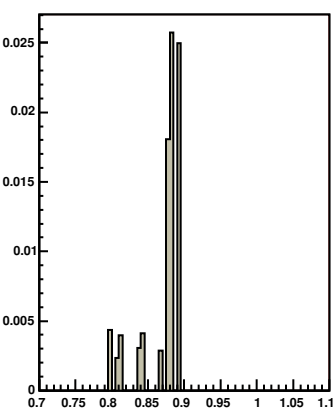
Ztautau-CMUP_CMX rawweight



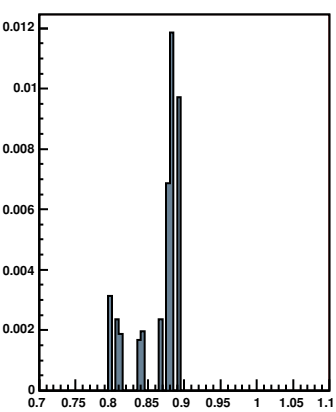
fake-CMUP_CMX rawweight



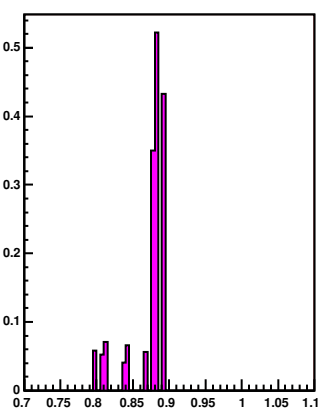
WZ-CMUP_CMX rawweight



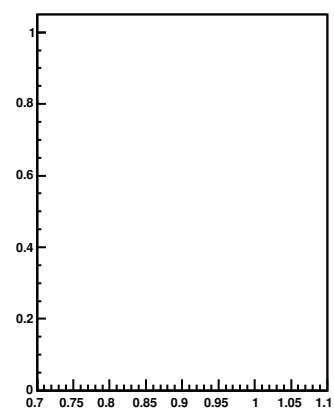
ZZ-CMUP_CMX rawweight



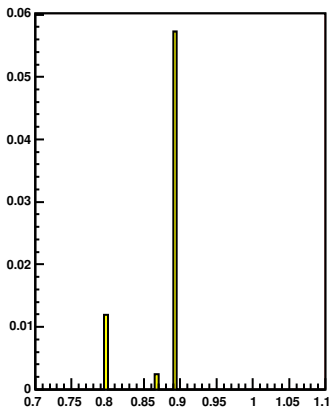
WW-CMUP_CMX rawweight



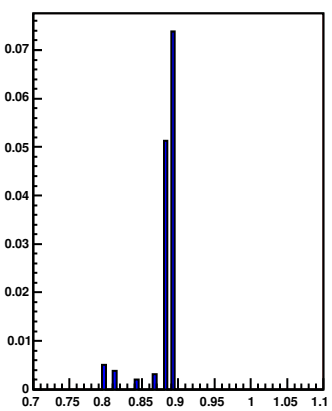
wgamma-CMUP_CMX rawweight



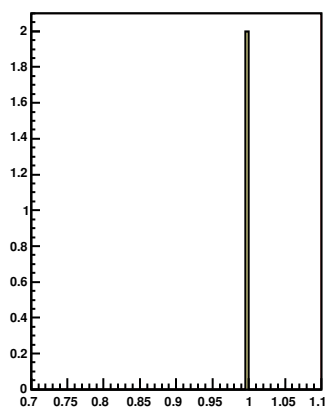
ttbar-CMUP_CMX rawweight



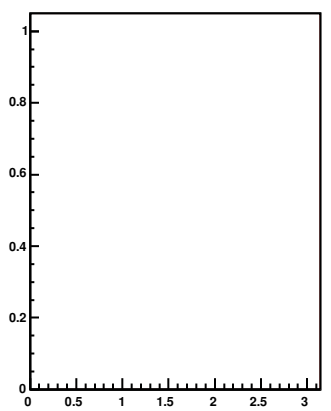
higgsww-CMUP_CMX rawweight



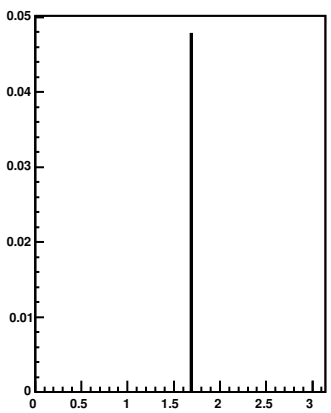
data-CMUP_CMX rawweight



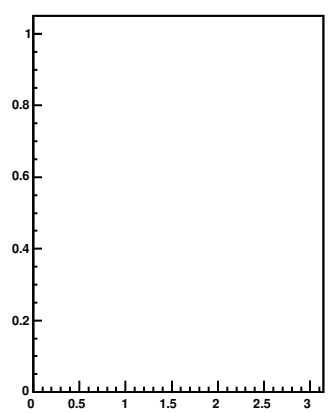
Zee-CMUP_CMIO dilDphilike



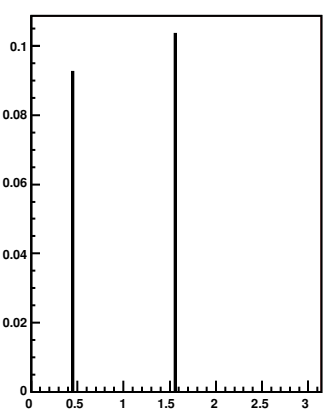
Zmumu-CMUP_CMIO dilDphilike



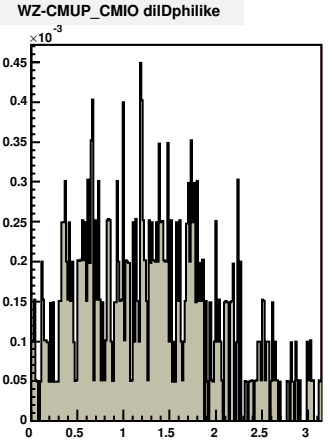
Ztautau-CMUP_CMIO dilDphilike



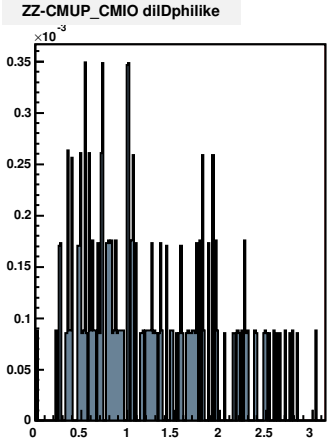
fake-CMUP_CMIO dilDphilike



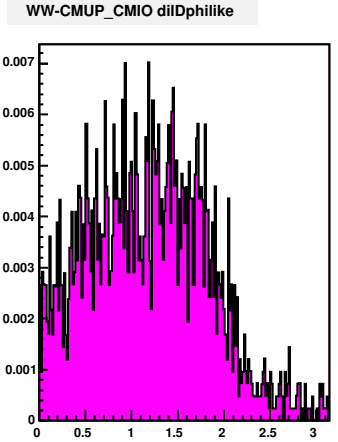
WZ-CMUP_CMIO dilDphilike



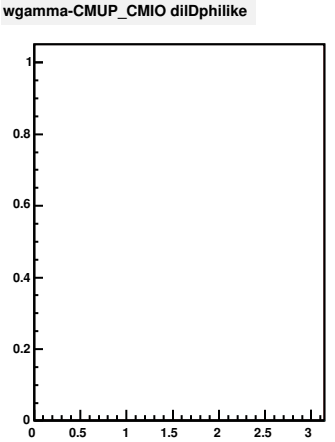
ZZ-CMUP_CMIO dilDphilike



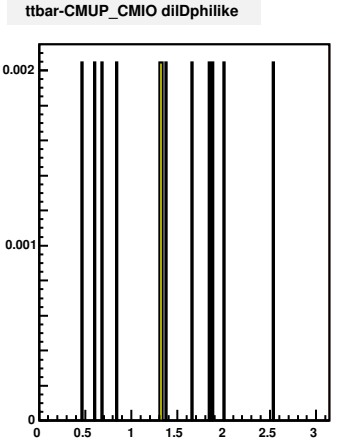
WW-CMUP_CMIO dilDphilike



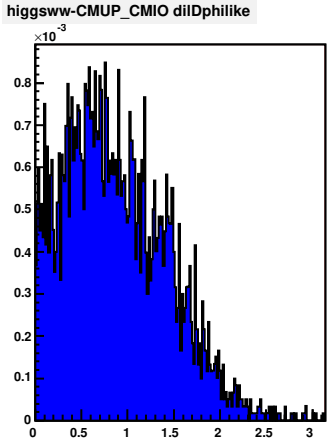
wgamma-CMUP_CMIO dilDphilike



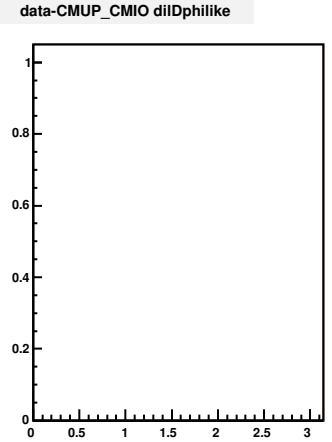
ttbar-CMUP_CMIO dilDphilike



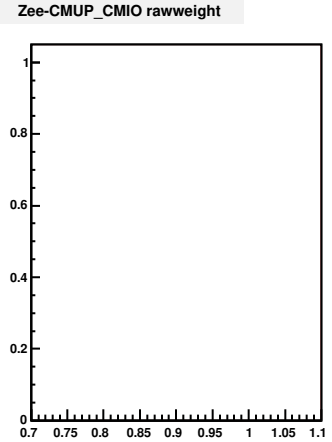
higgsww-CMUP_CMIO dilDphilike



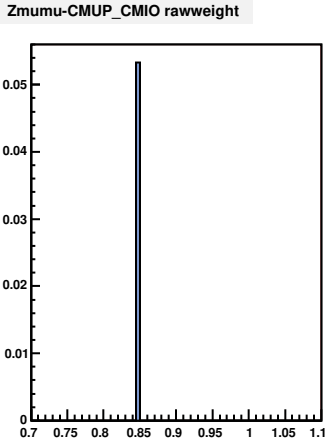
data-CMUP_CMIO dilDphilike



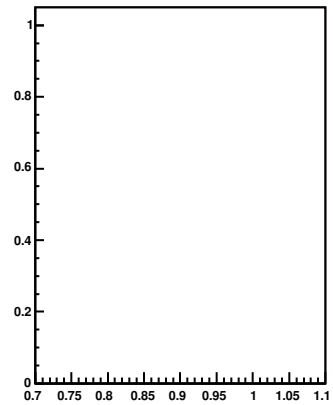
Zee-CMUP_CMIO rawweight



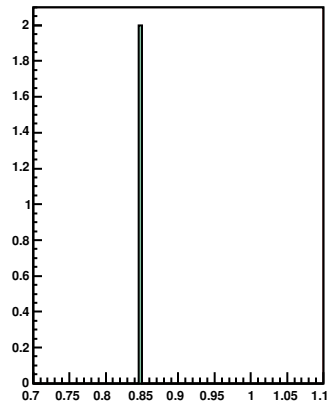
Zmumu-CMUP_CMIO rawweight



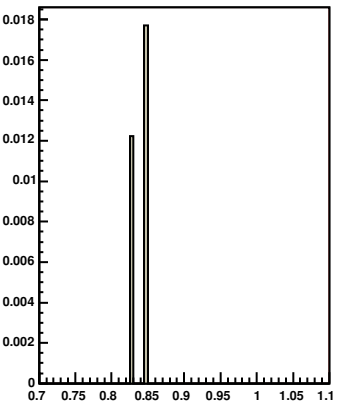
Ztautau-CMUP_CMIO rawweight



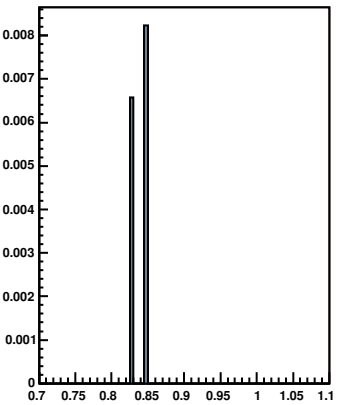
fake-CMUP_CMIO rawweight



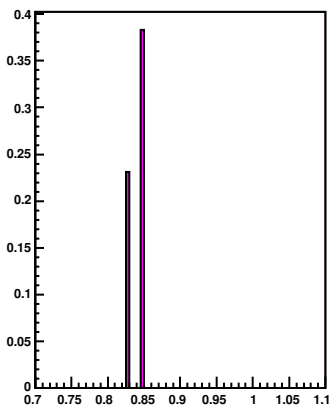
WZ-CMUP_CMIO rawweight



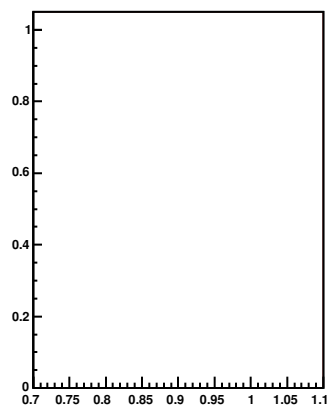
ZZ-CMUP_CMIO rawweight



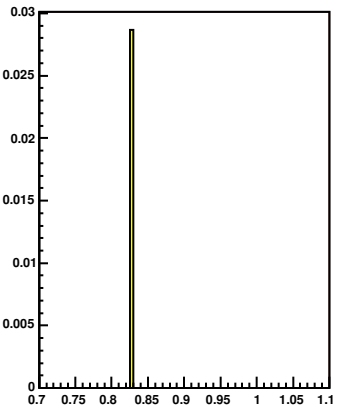
WW-CMUP_CMIO rawweight



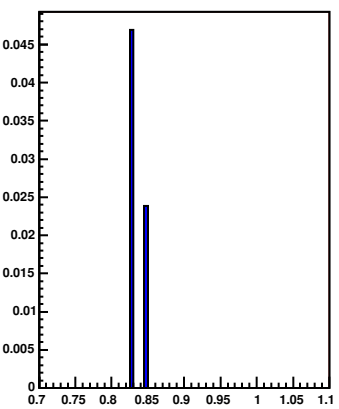
wgamma-CMUP_CMIO rawweight



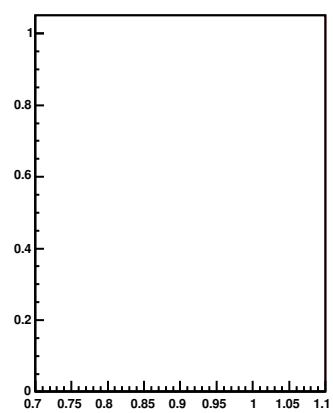
ttbar-CMUP_CMIO rawweight



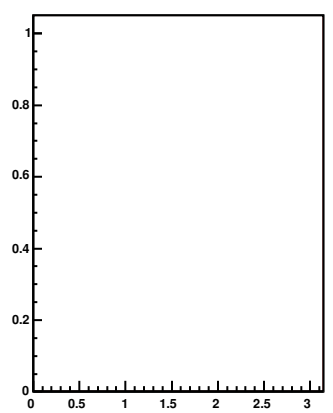
higgsww-CMUP_CMIO rawweight



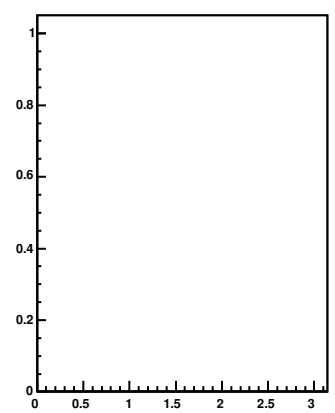
data-CMUP_CMIO rawweight



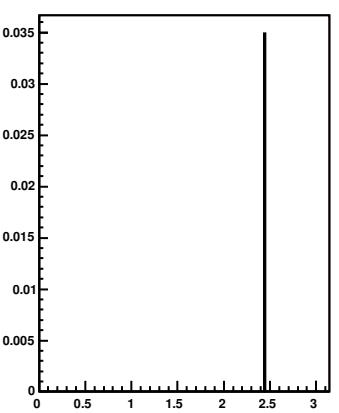
Zee-CMX_CMX dilDphilike



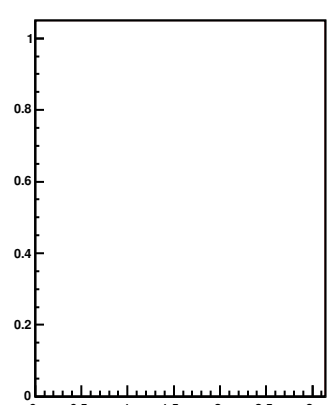
Zmumu-CMX_CMX dilDphilike



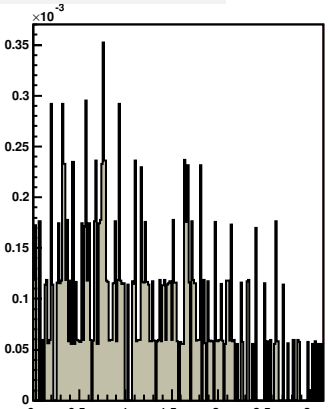
Ztautau-CMX_CMX dilDphilike



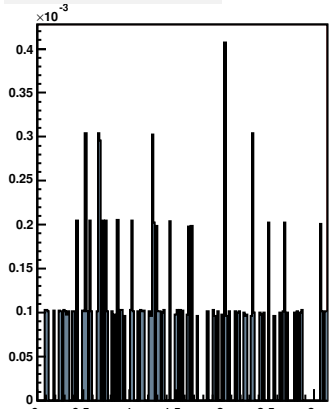
fake-CMX_CMX dilDphilike



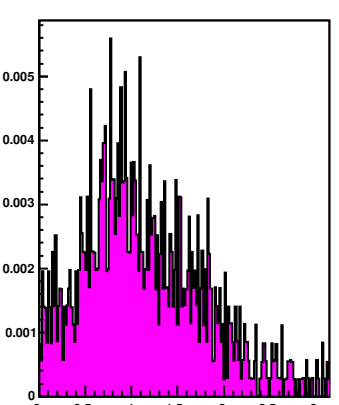
WZ-CMX_CMX dilDphilike



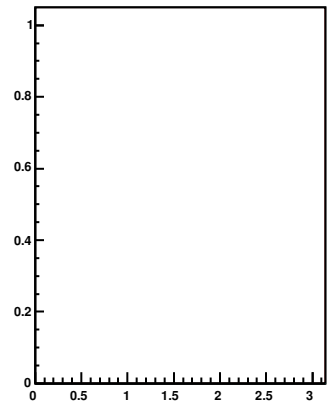
ZZ-CMX_CMX dilDphilike



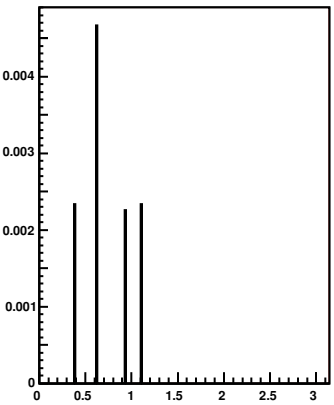
WW-CMX_CMX dilDphilike



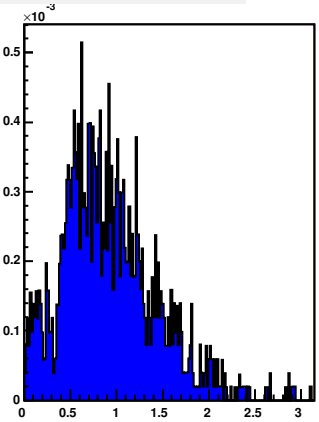
wgamma-CMX_CMX dilDphilike



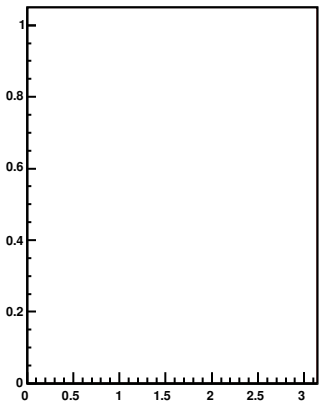
ttbar-CMX_CMX dilDphilike



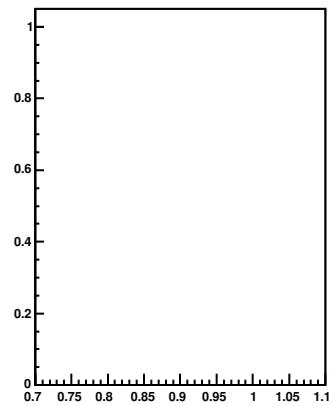
higgsww-CMX_CMX dilDphilike



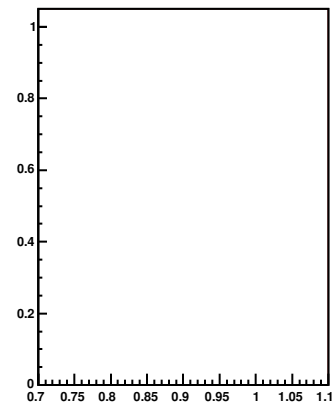
data-CMX_CMX dilDphilike



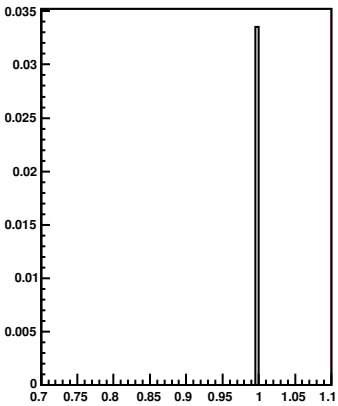
Zee-CMX_CMX rawweight



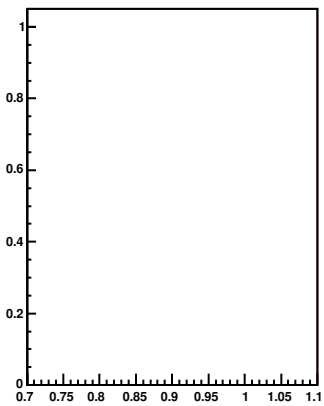
Zmumu-CMX_CMX rawweight



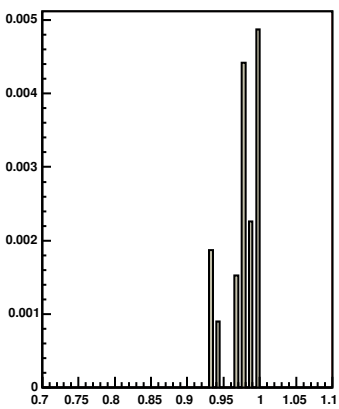
Ztautau-CMX_CMX rawweight



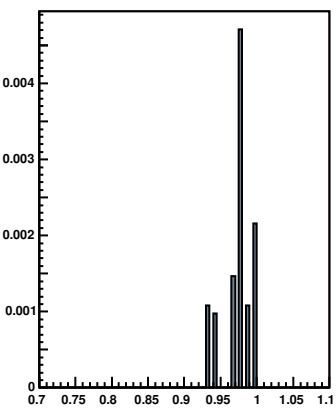
fake-CMX_CMX rawweight



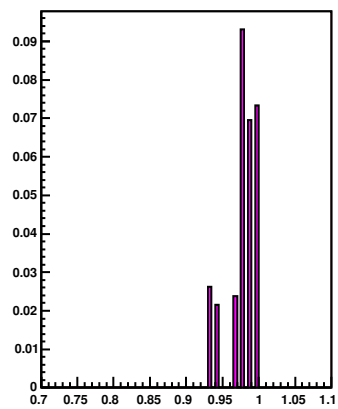
WZ-CMX_CMX rawweight



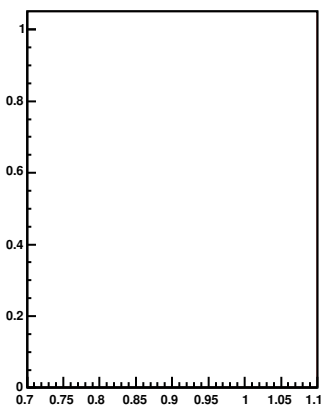
ZZ-CMX_CMX rawweight



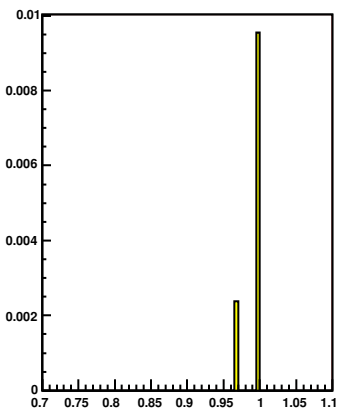
WW-CMX_CMX rawweight



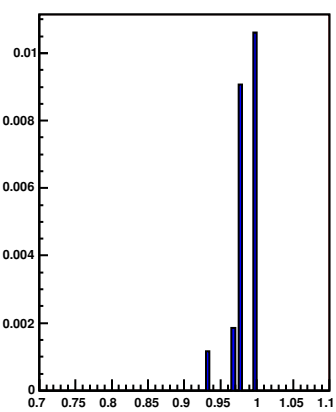
wgamma-CMX_CMX rawweight



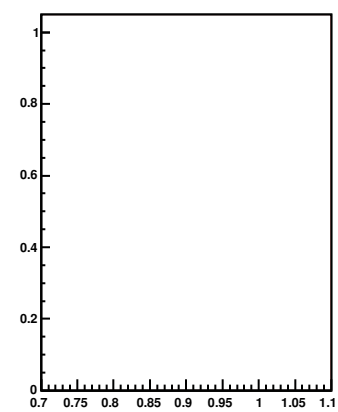
ttbar-CMX_CMX rawweight



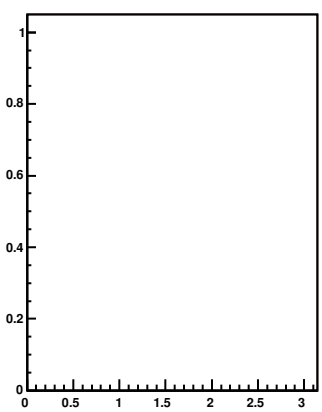
higgsww-CMX_CMX rawweight



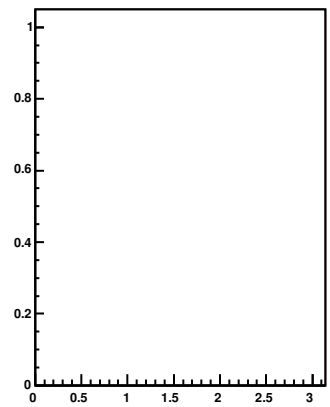
data-CMX_CMX rawweight



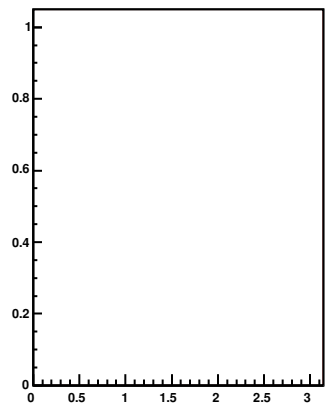
Zee-CMX_CMU dilDphilike



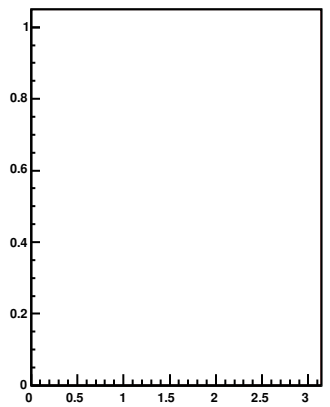
Zmumu-CMX_CMU dilDphilike



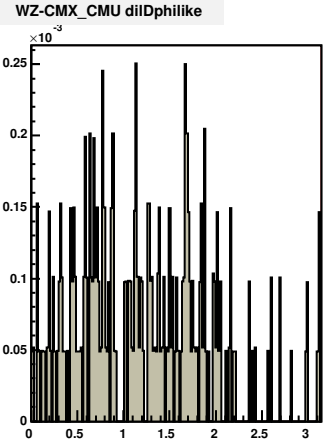
Ztautau-CMX_CMU dilDphilike



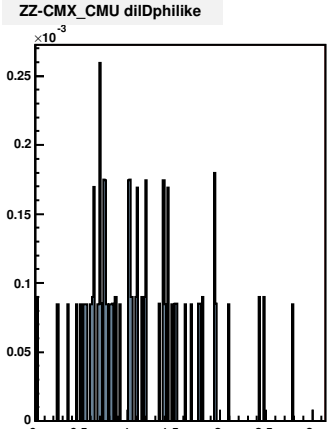
fake-CMX_CMU dilDphilike



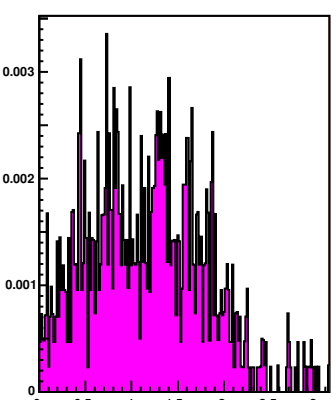
WZ-CMX_CMU dilDphilike



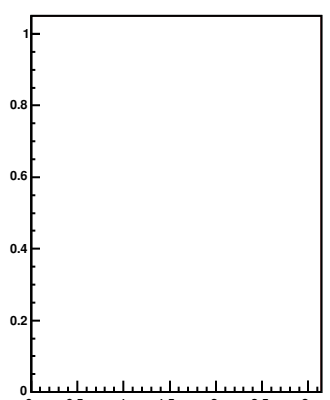
ZZ-CMX_CMU dilDphilike



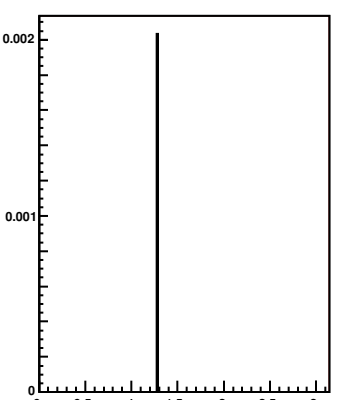
WW-CMX_CMU dilDphilike



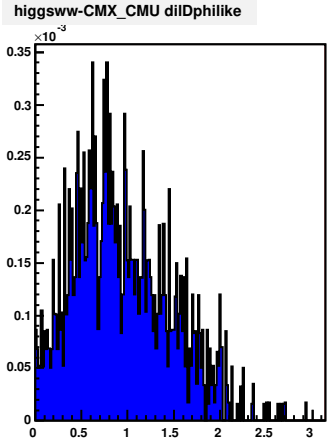
wgamma-CMX_CMU dilDphilike



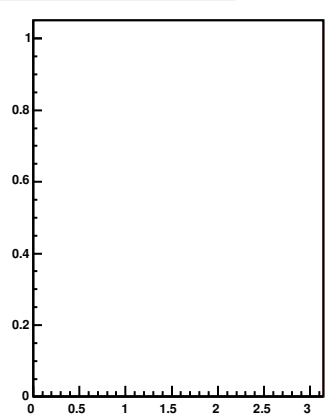
ttbar-CMX_CMU dilDphilike



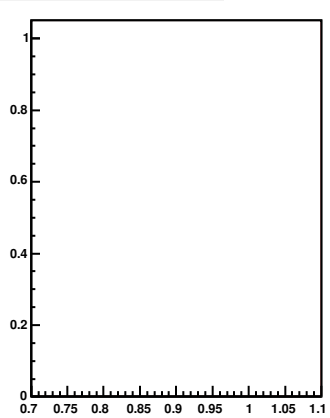
higgsww-CMX_CMU dilDphilike



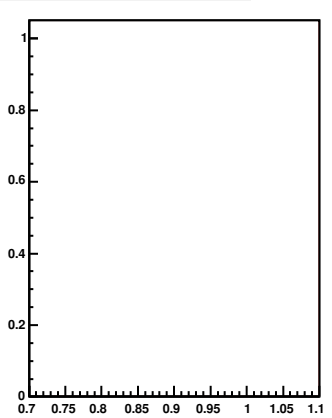
data-CMX_CMU dilDphilike



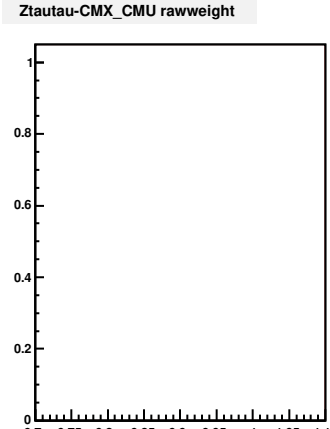
Zee-CMX_CMU rawweight



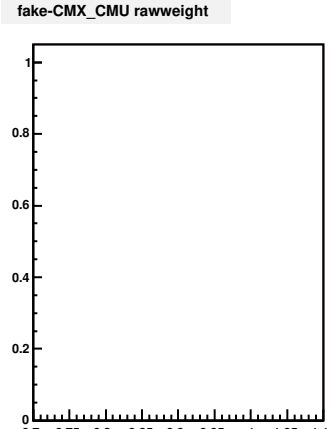
Zmumu-CMX_CMU rawweight



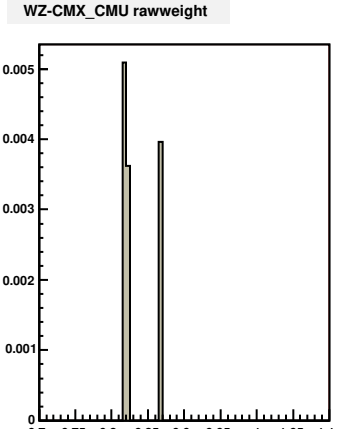
Ztautau-CMX_CMU rawweight



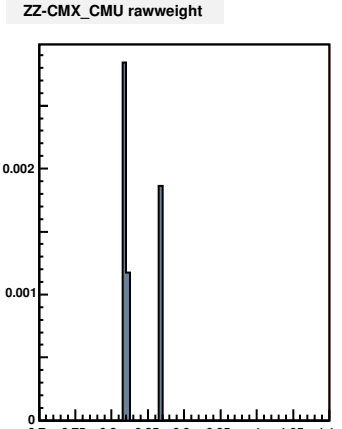
fake-CMX_CMU rawweight



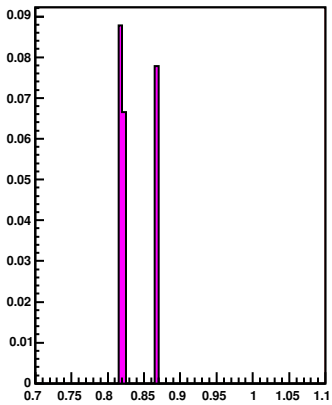
WZ-CMX_CMU rawweight



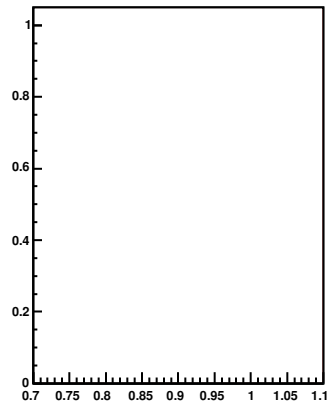
ZZ-CMX_CMU rawweight



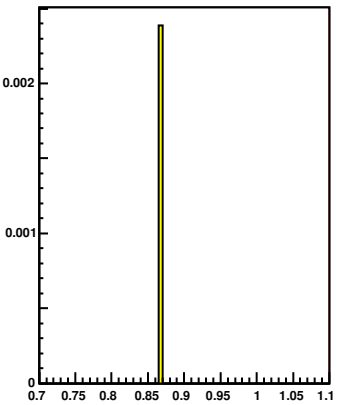
WW-CMX_CMU rawweight



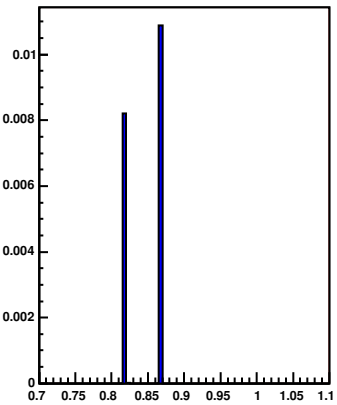
wgamma-CMX_CMU rawweight



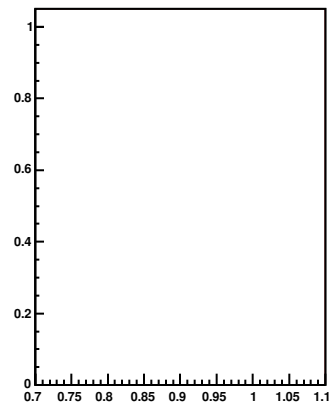
ttbar-CMX_CMU rawweight



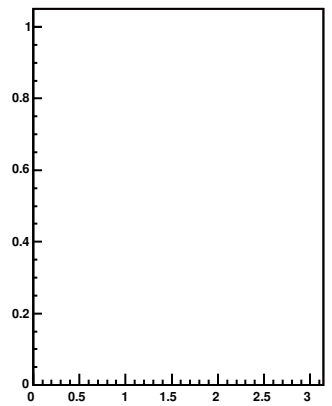
higgsww-CMX_CMU rawweight



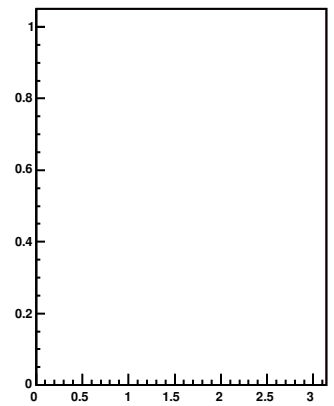
data-CMX_CMU rawweight



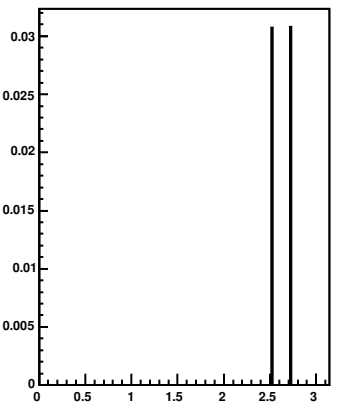
Zee-CMX_CMP dilDphilike



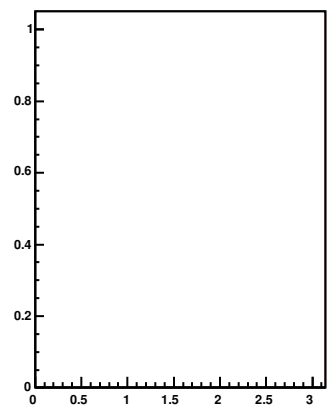
Zmumu-CMX_CMP dilDphilike



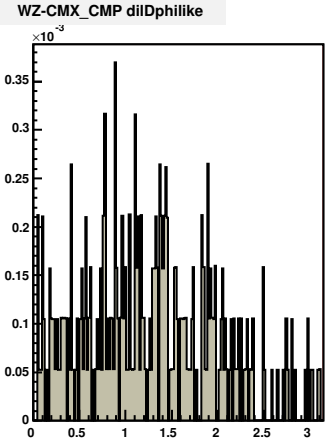
Ztautau-CMX_CMP dilDphilike



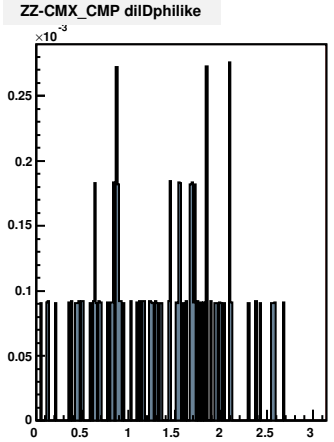
fake-CMX_CMP dilDphilike



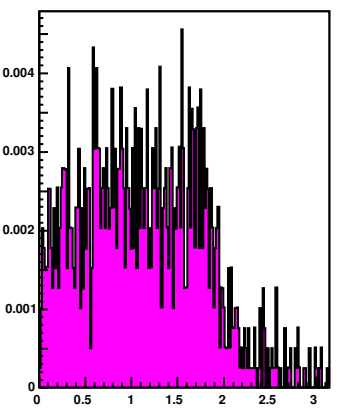
WZ-CMX_CMP dilDphilike



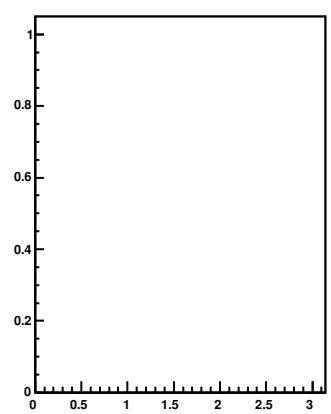
ZZ-CMX_CMP dilDphilike



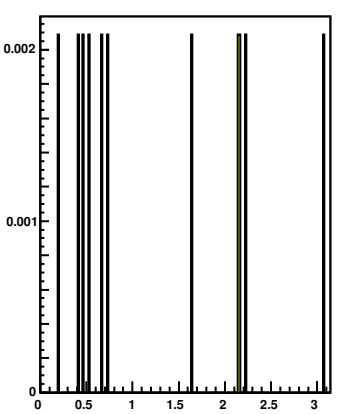
WW-CMX_CMP dilDphilike



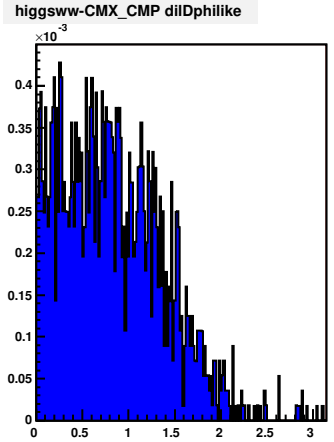
wgamma-CMX_CMP dilDphilike



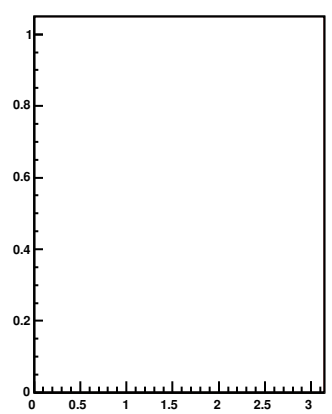
ttbar-CMX_CMP dilDphilike



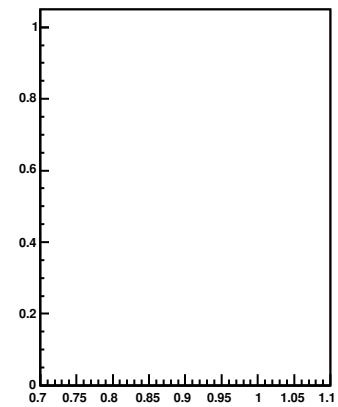
higgsww-CMX_CMP dilDphilike



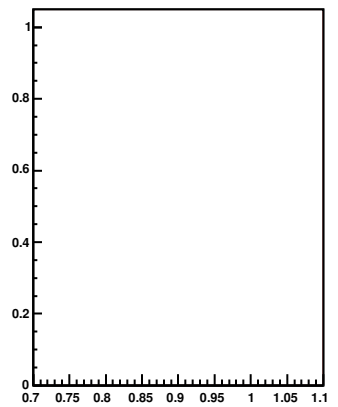
data-CMX_CMP dilDphilike



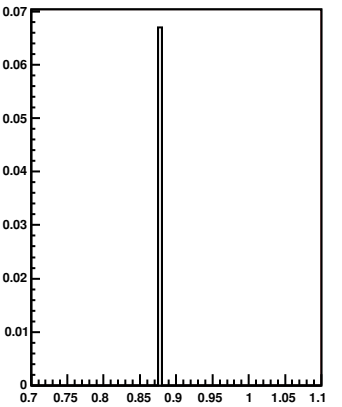
Zee-CMX_CMP rawweight



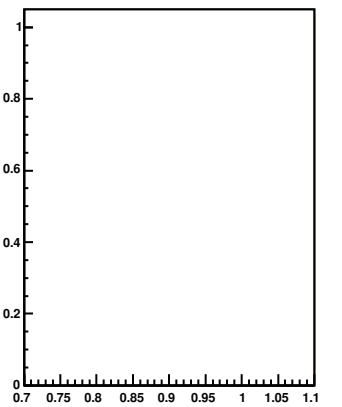
Zmumu-CMX_CMP rawweight



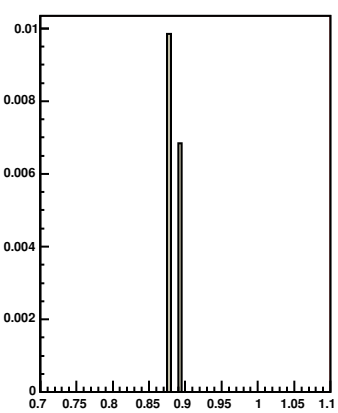
Ztautau-CMX_CMP rawweight



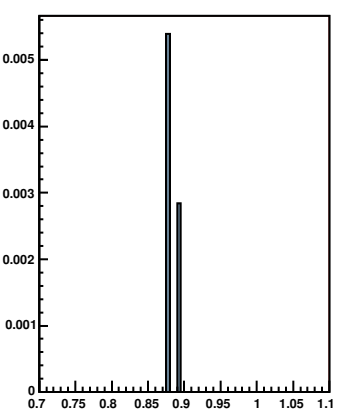
fake-CMX_CMP rawweight



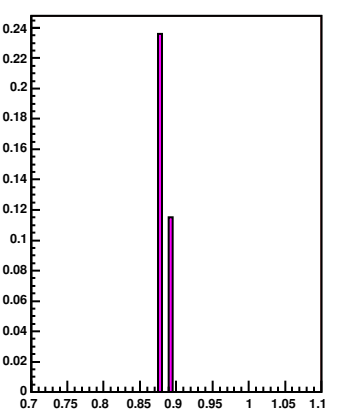
WZ-CMX_CMP rawweight



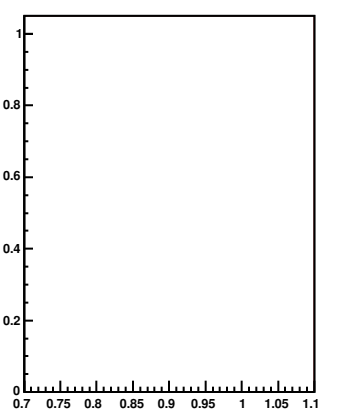
ZZ-CMX_CMP rawweight



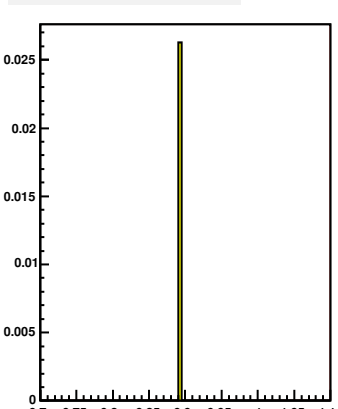
WW-CMX_CMP rawweight



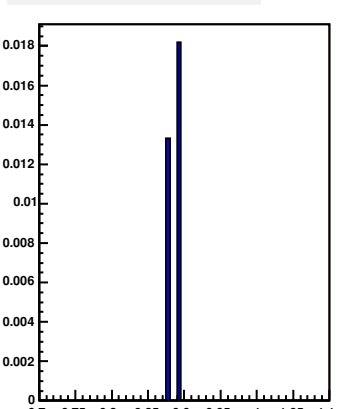
wgamma-CMX_CMP rawweight



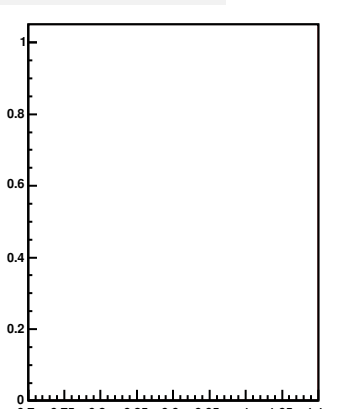
ttbar-CMX_CMP rawweight



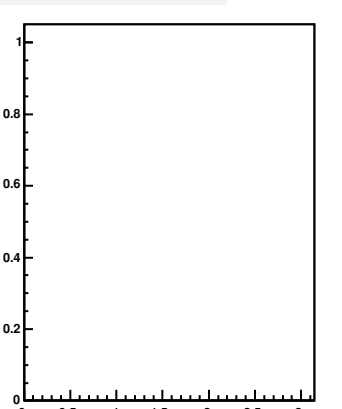
higgsww-CMX_CMP rawweight



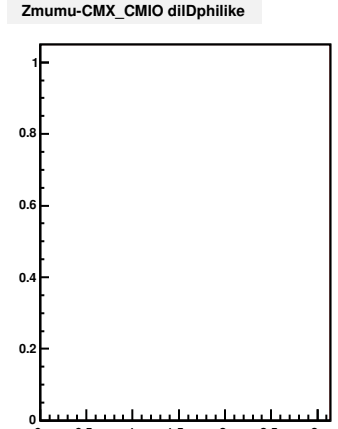
data-CMX_CMP rawweight



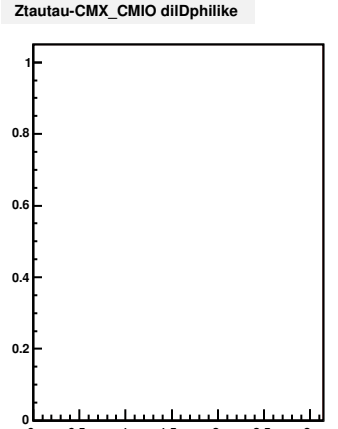
Zee-CMX_CMIO dilDphilike



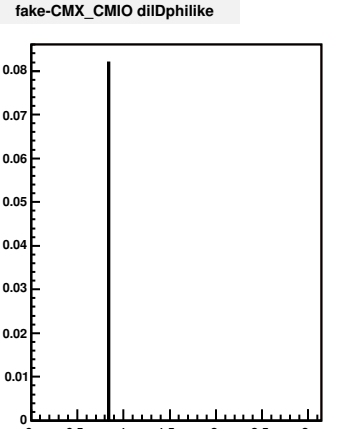
Zmumu-CMX_CMIO dilDphilike



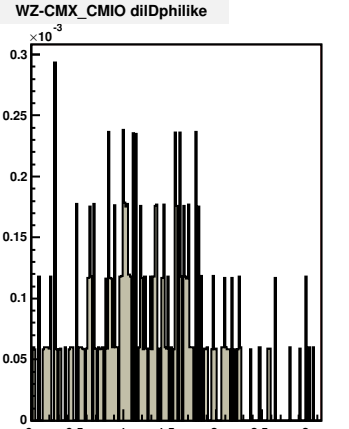
Ztautau-CMX_CMIO dilDphilike



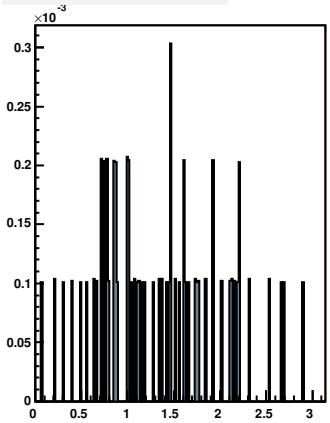
fake-CMX_CMIO dilDphilike



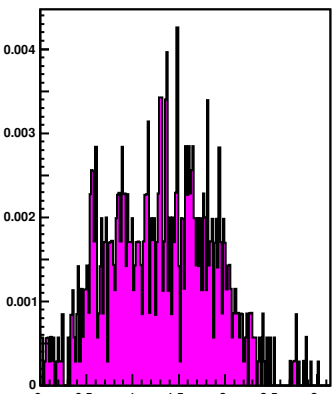
WZ-CMX_CMIO dilDphilike



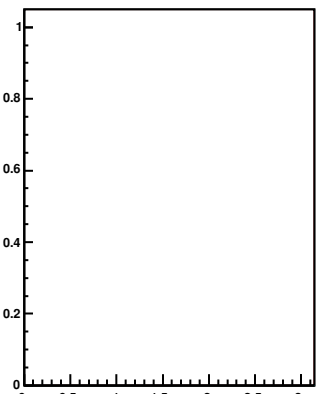
ZZ-CMX_CMIO dilDphilike



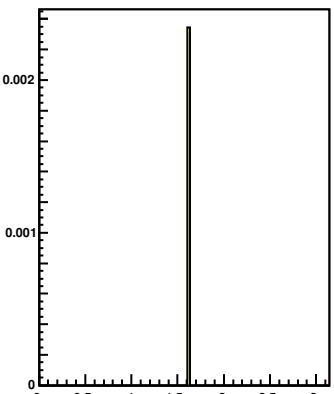
WW-CMX_CMIO dilDphilike



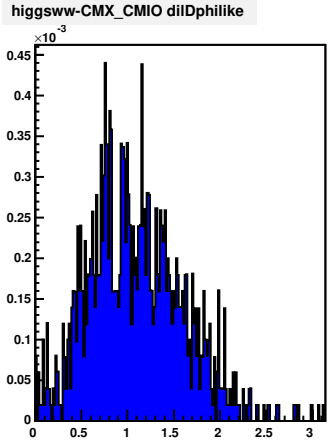
wgamma-CMX_CMIO dilDphilike



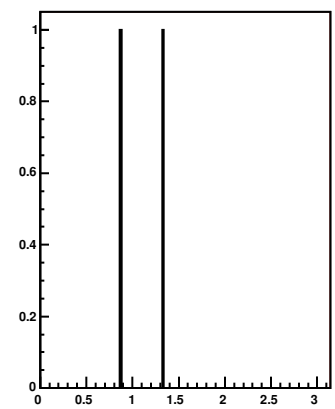
ttbar-CMX_CMIO dilDphilike



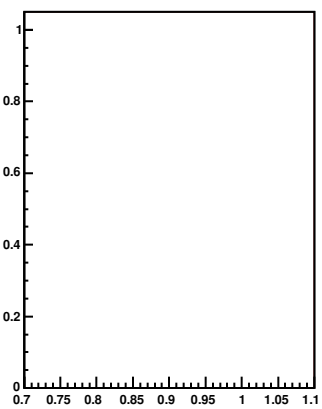
higgsww-CMX_CMIO dilDphilike



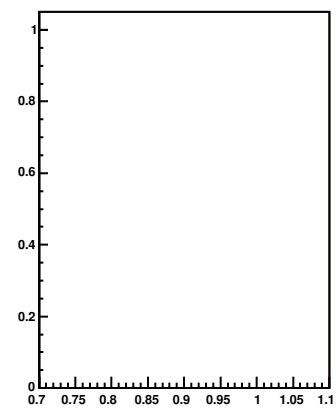
data-CMX_CMIO dilDphilike



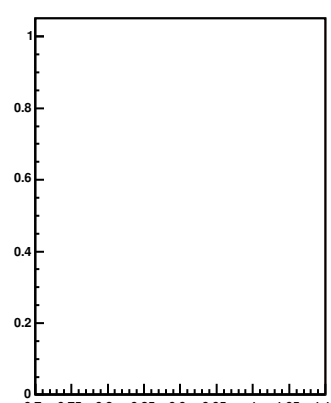
Zee-CMX_CMIO rawweight



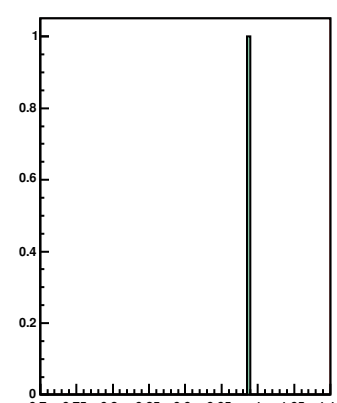
Zmumu-CMX_CMIO rawweight



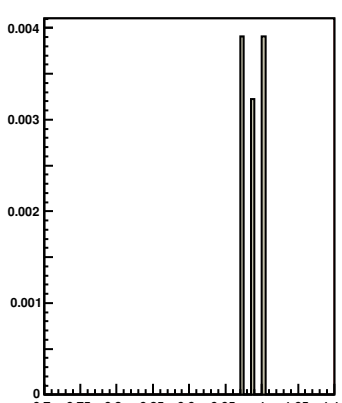
Ztautau-CMX_CMIO rawweight



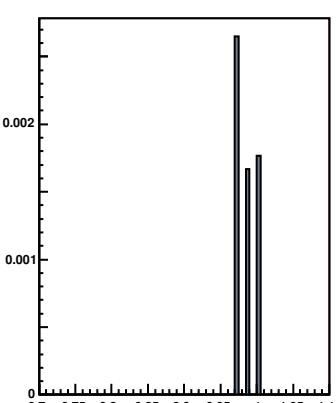
fake-CMX_CMIO rawweight



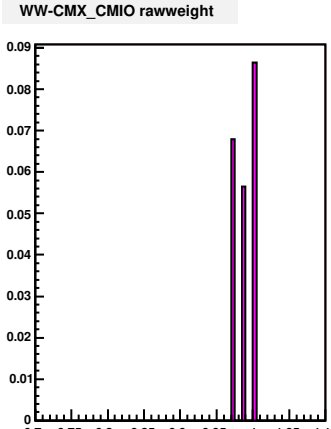
WZ-CMX_CMIO rawweight



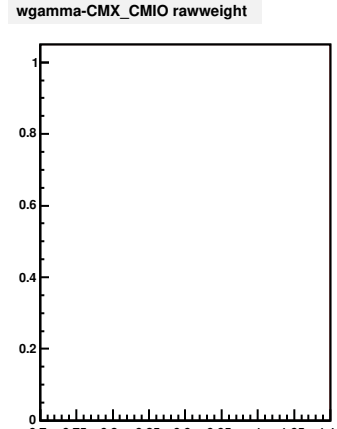
ZZ-CMX_CMIO rawweight



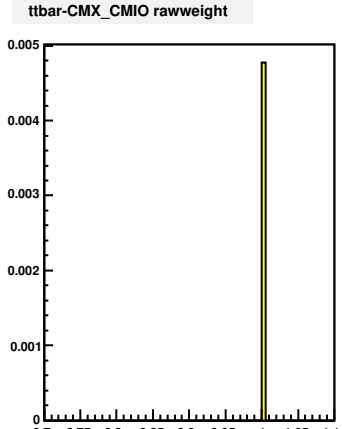
WW-CMX_CMIO rawweight



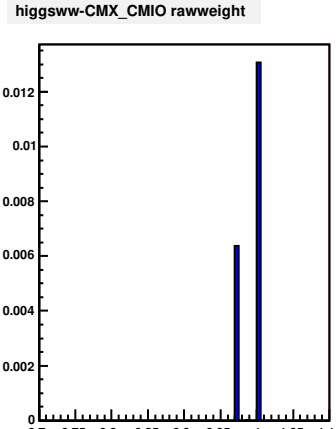
wgamma-CMX_CMIO rawweight



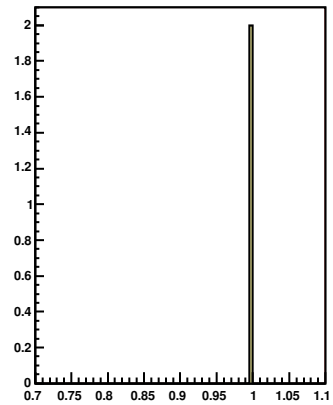
ttbar-CMX_CMIO rawweight



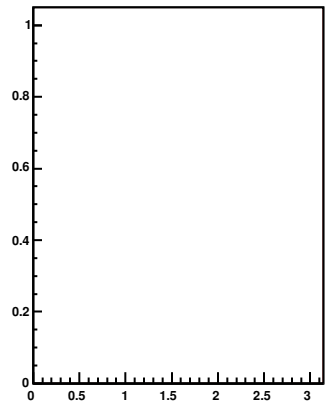
higgsww-CMX_CMIO rawweight



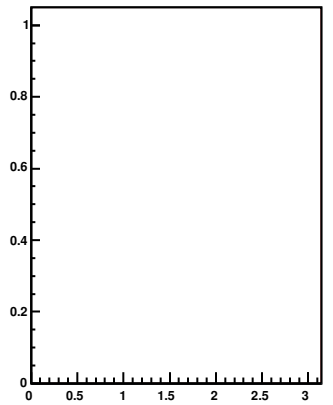
data-CMX_CMIO rawweight



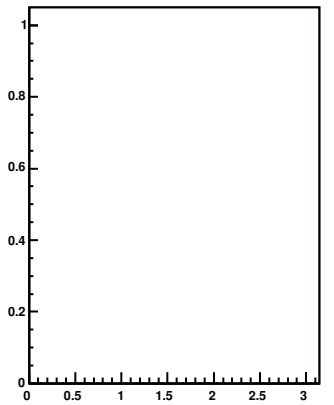
Zee-trilep dilDphilike



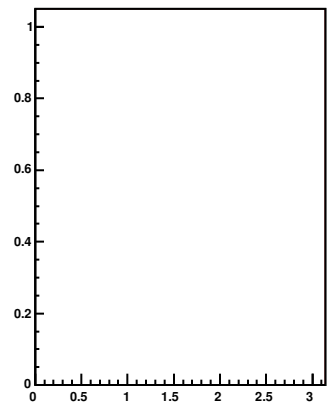
Zmumu-trilep dilDphilike



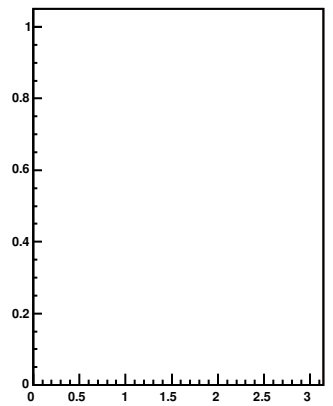
Ztautau-trilep dilDphilike



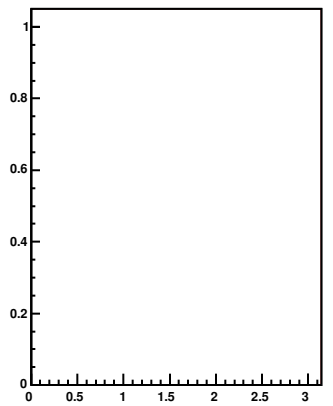
fake-trilep dilDphilike



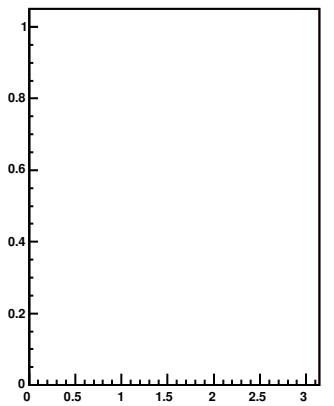
WZ-trilep dilDphilike



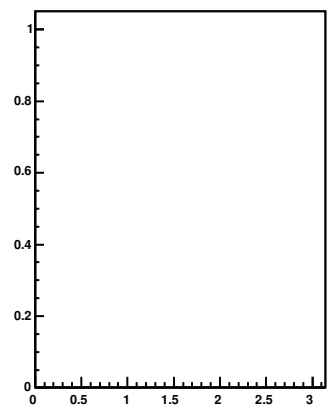
ZZ-trilep dilDphilike



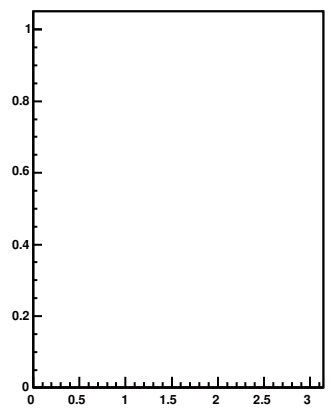
WW-trilep dilDphilike



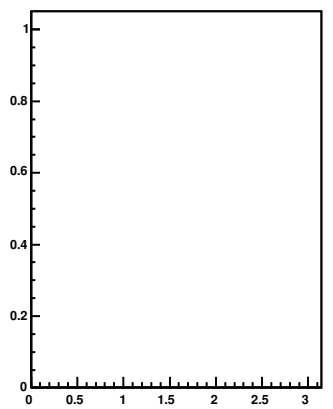
wgamma-trilep dilDphilike



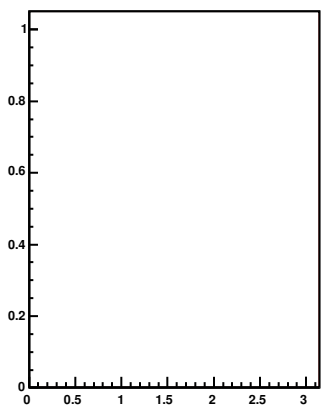
ttbar-trilep dilDphilike



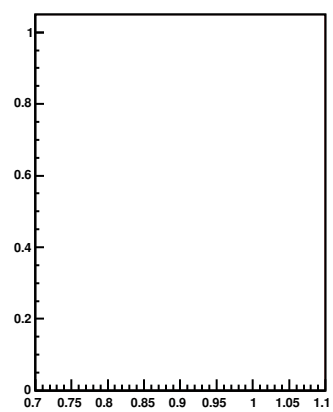
higgsww-trilep dilDphilike



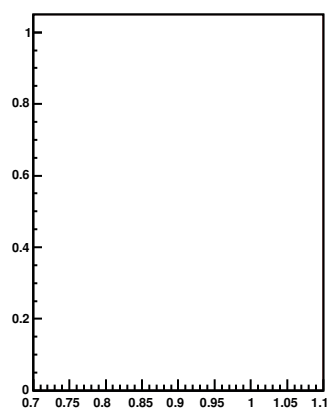
data-trilep dilDphilike



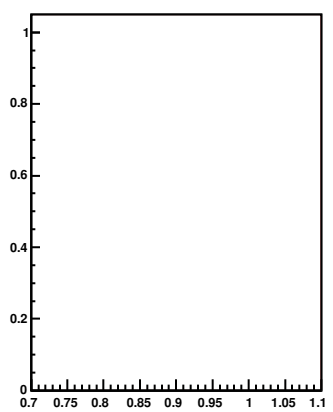
Zee-trilep rawweight



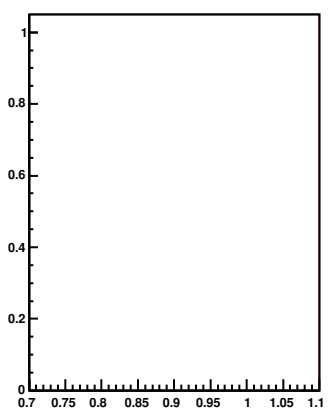
Zmumu-trilep rawweight



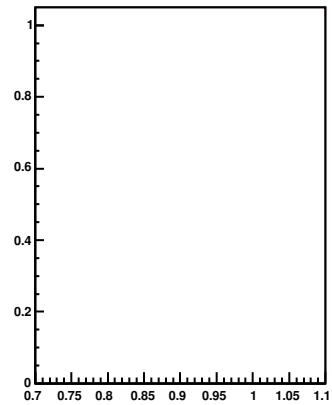
Ztautau-trilep rawweight



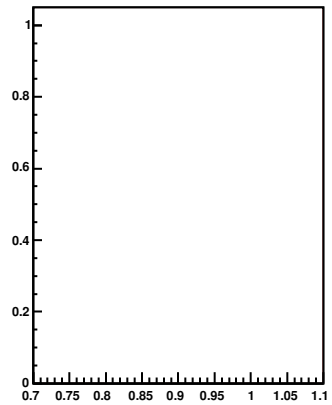
fake-trilep rawweight



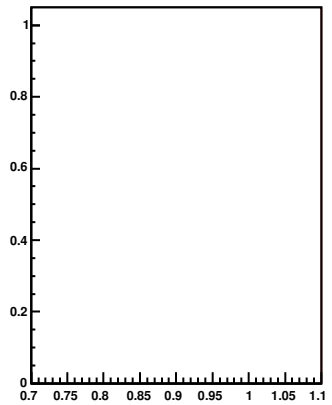
WZ-trilep rawweight



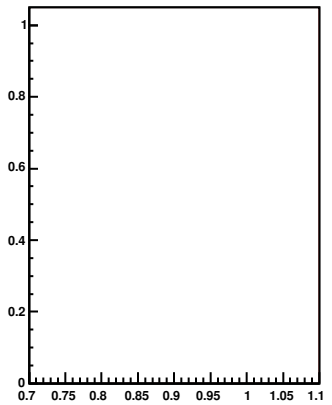
ZZ-trilep rawweight



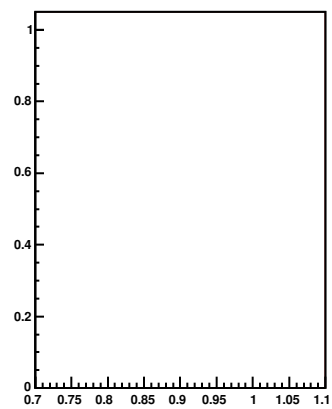
WW-trilep rawweight



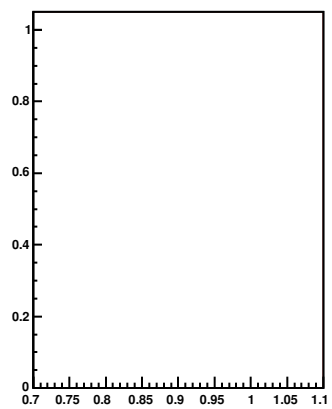
wgamma-trilep rawweight



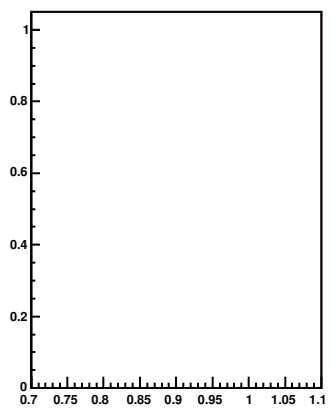
ttbar-trilep rawweight



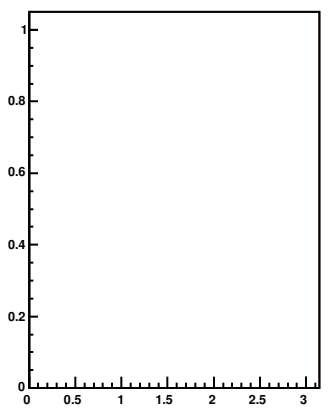
higgsww-trilep rawweight



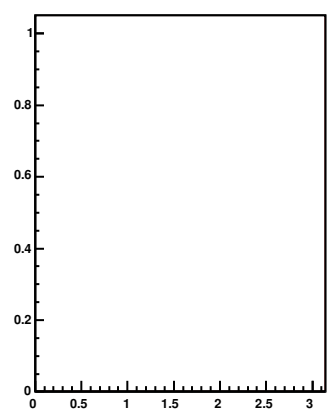
data-trilep rawweight



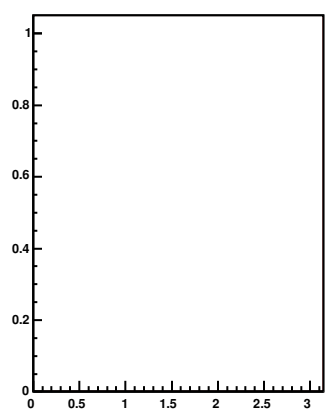
Zee-TCE_BMU dilDphilike



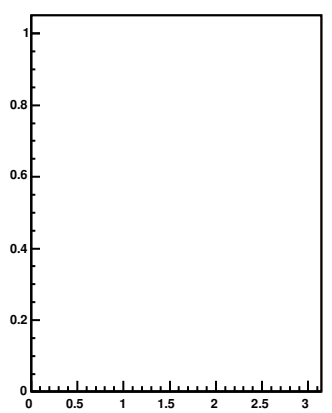
Zmumu-TCE_BMU dilDphilike



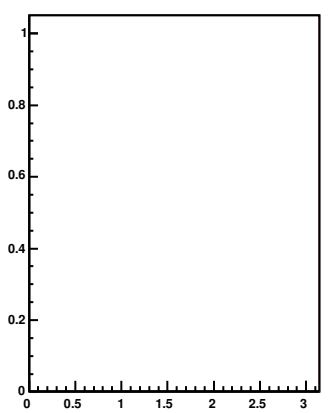
Ztautau-TCE_BMU dilDphilike



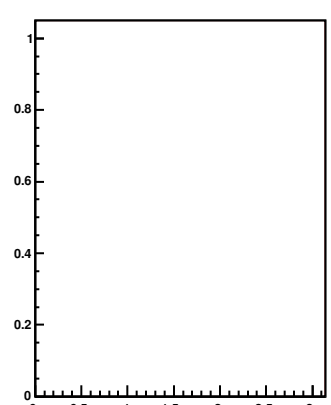
fake-TCE_BMU dilDphilike



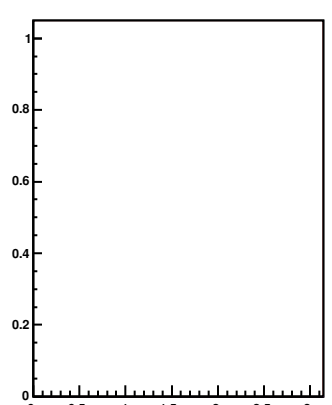
WZ-TCE_BMU dilDphilike



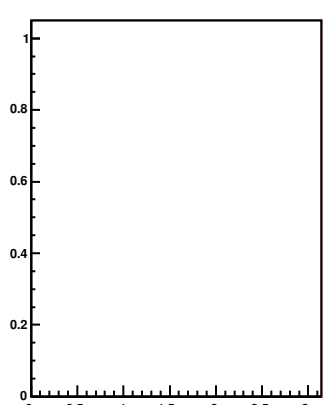
ZZ-TCE_BMU dilDphilike



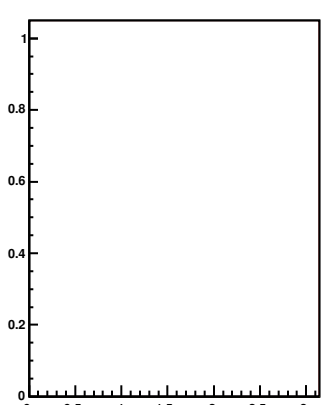
WW-TCE_BMU dilDphilike



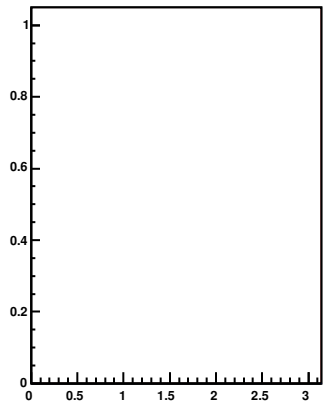
wgamma-TCE_BMU dilDphilike



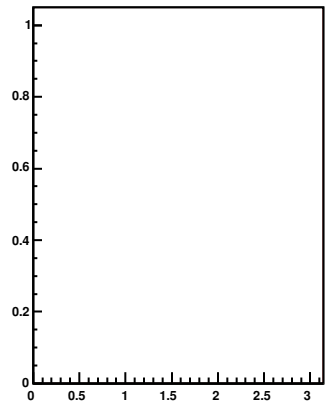
ttbar-TCE_BMU dilDphilike



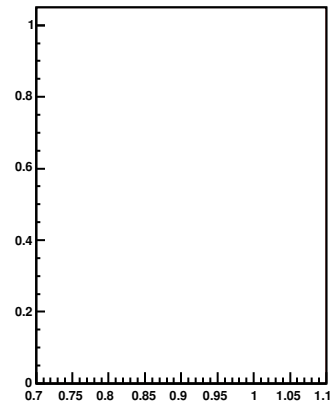
higgsww-TCE_BMU dilDphilike



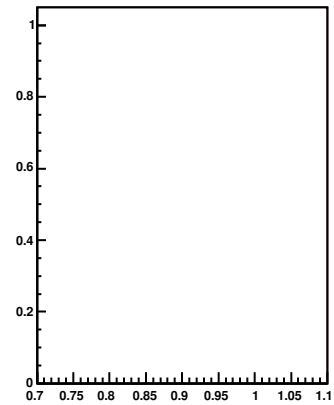
data-TCE_BMU dilDphilike



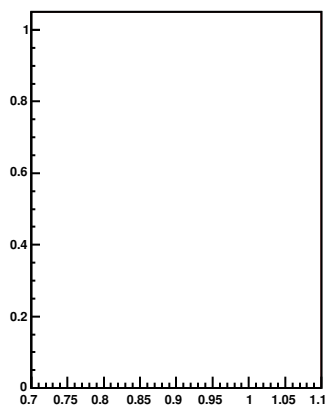
Zee-TCE_BMU rawweight



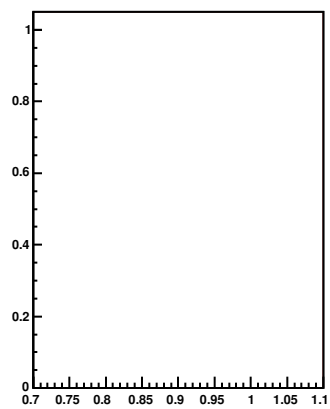
Zmumu-TCE_BMU rawweight



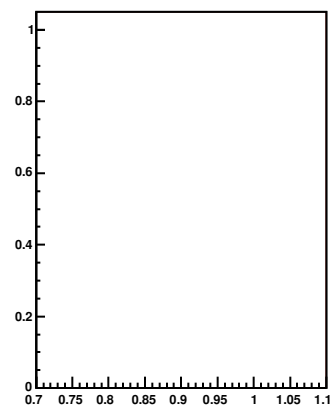
Ztautau-TCE_BMU rawweight



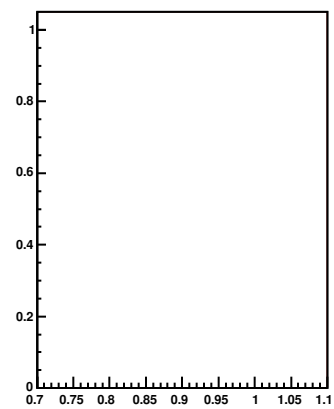
fake-TCE_BMU rawweight



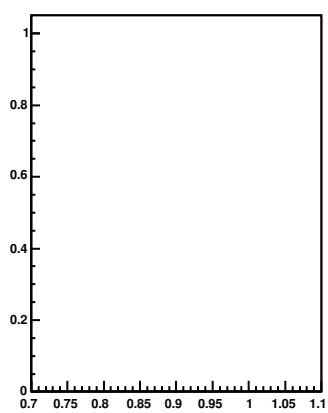
WZ-TCE_BMU rawweight



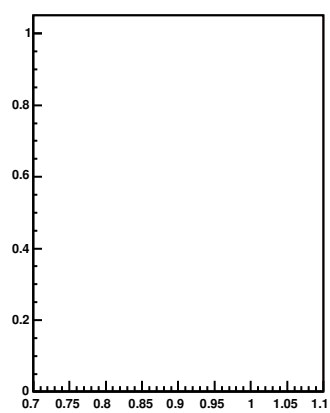
ZZ-TCE_BMU rawweight



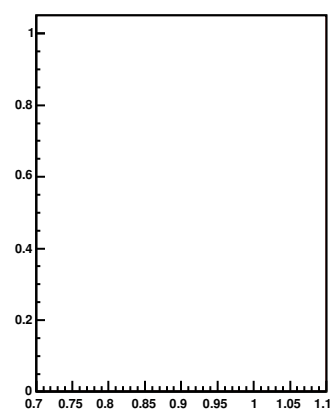
WW-TCE_BMU rawweight



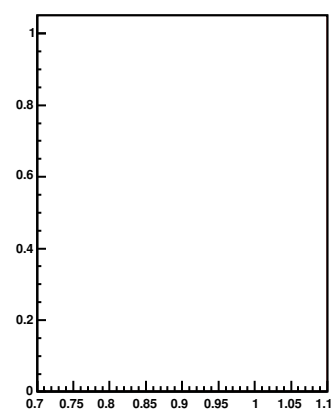
wgamma-TCE_BMU rawweight



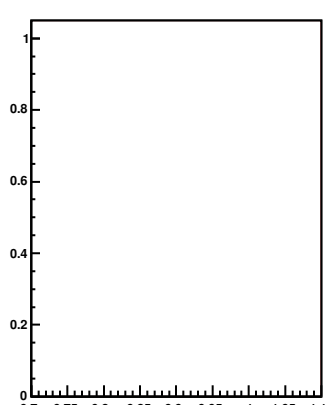
ttbar-TCE_BMU rawweight



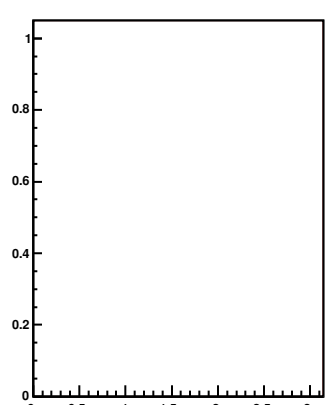
higgsww-TCE_BMU rawweight



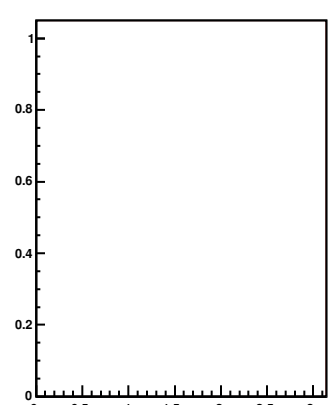
data-TCE_BMU rawweight



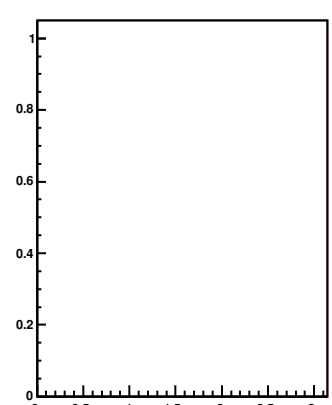
Zee-PHX_BMU dilDphilike



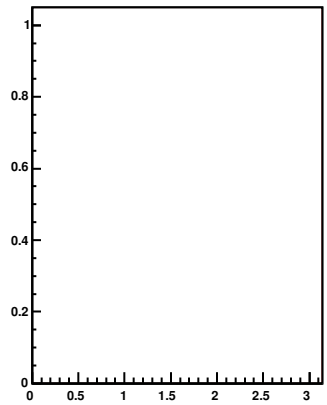
Zmumu-PHX_BMU dilDphilike



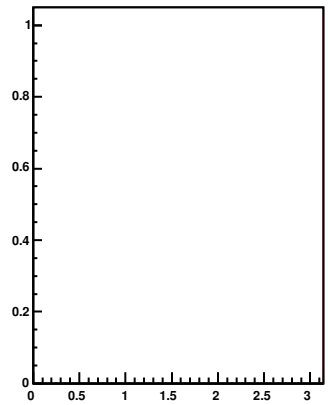
Ztautau-PHX_BMU dilDphilike



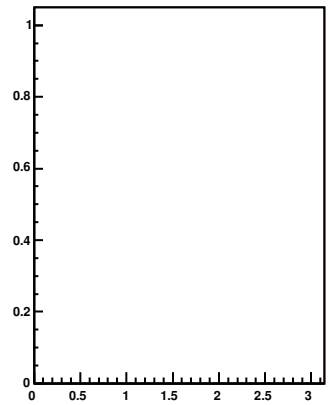
fake-PHX_BMU dilDphilike



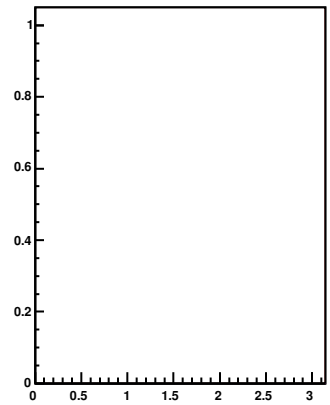
WZ-PHX_BMU dilDphilike



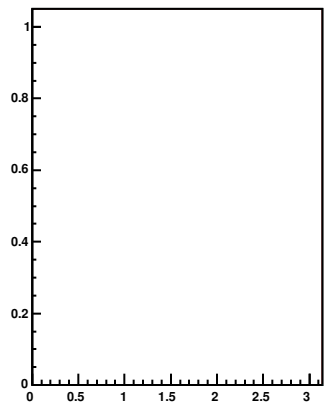
ZZ-PHX_BMU dilDphilike



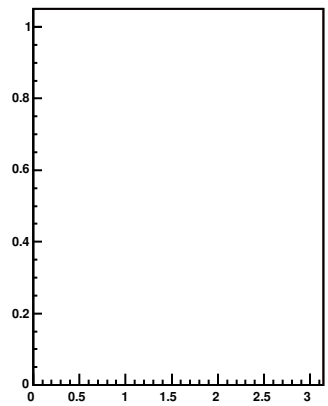
WW-PHX_BMU dilDphilike



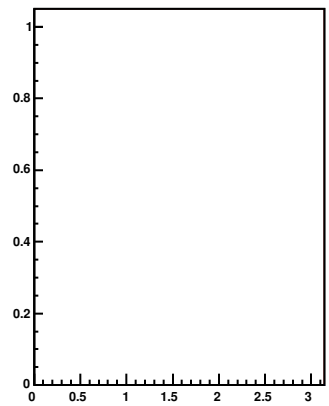
wgamma-PHX_BMU dilDphilike



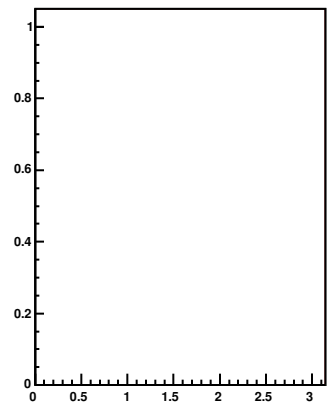
ttbar-PHX_BMU dilDphilike



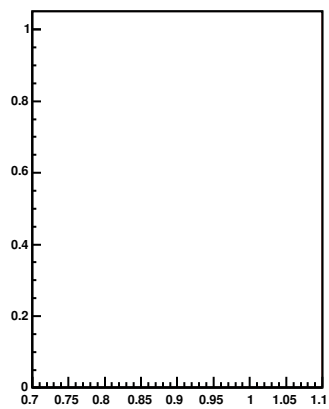
higgsww-PHX_BMU dilDphilike



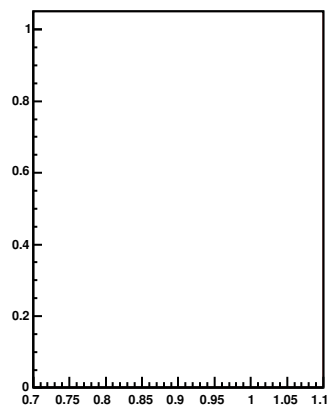
data-PHX_BMU dilDphilike



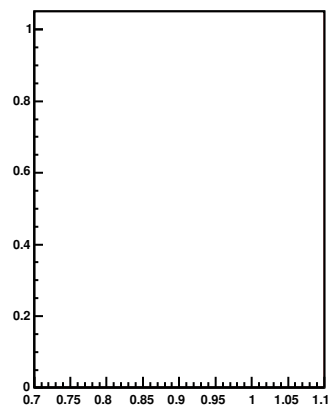
Zee-PHX_BMU rawweight



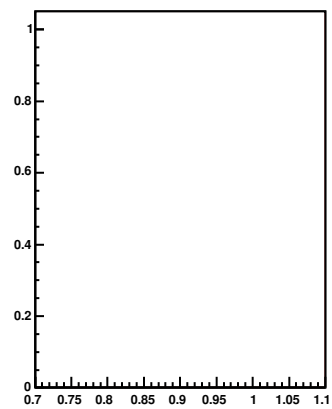
Zmumu-PHX_BMU rawweight



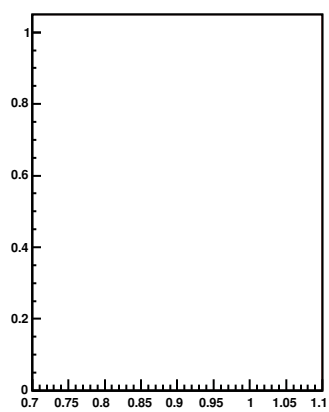
Ztautau-PHX_BMU rawweight



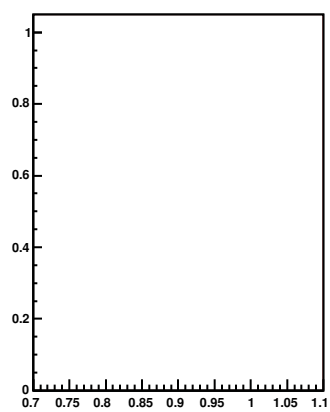
fake-PHX_BMU rawweight



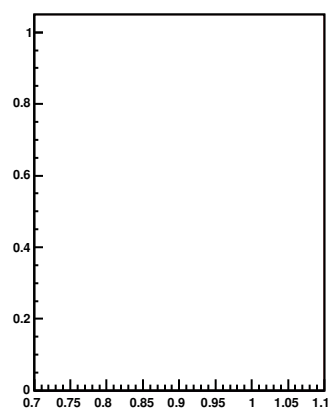
WZ-PHX_BMU rawweight



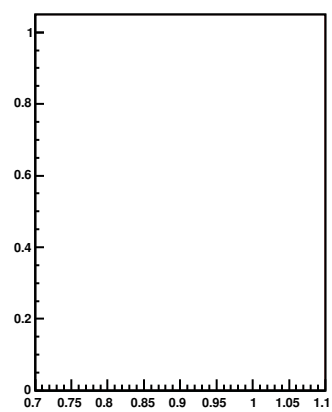
ZZ-PHX_BMU rawweight



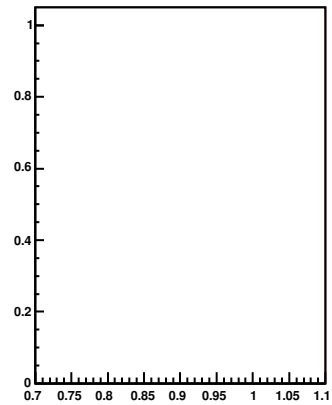
WW-PHX_BMU rawweight



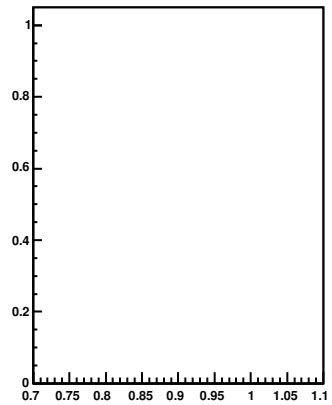
wgamma-PHX_BMU rawweight



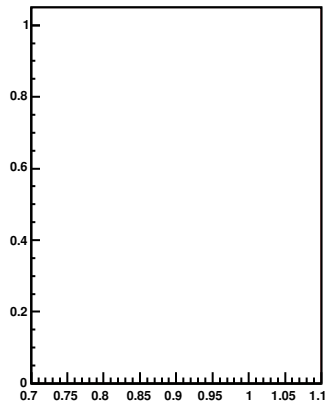
ttbar-PHX_BMU rawweight



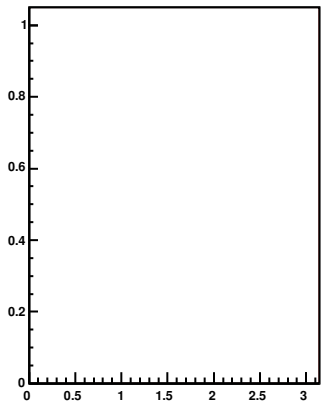
higgsww-PHX_BMU rawweight



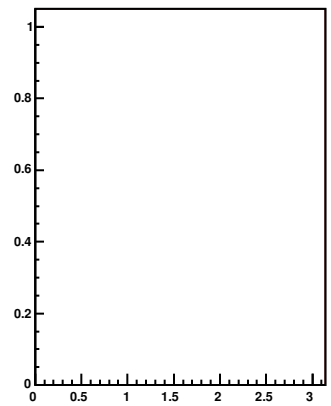
data-PHX_BMU rawweight



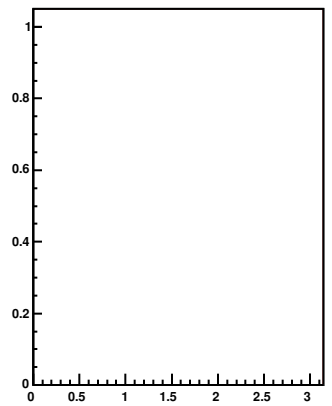
Zee-PEM_BMU dilDphilike



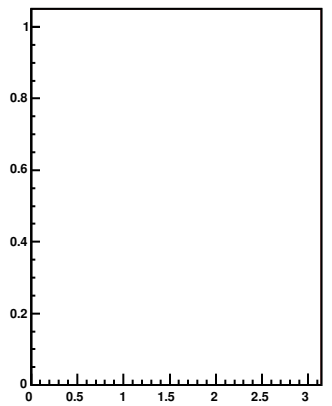
Zmumu-PEM_BMU dilDphilike



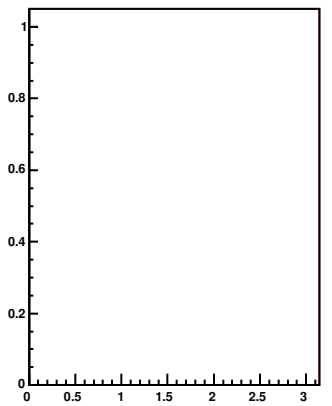
Ztautau-PEM_BMU dilDphilike



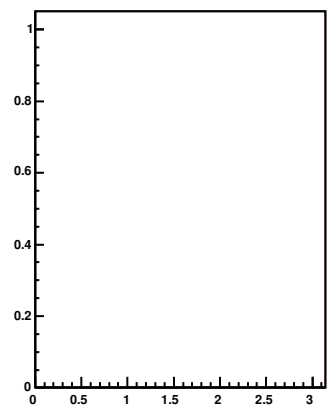
fake-PEM_BMU dilDphilike



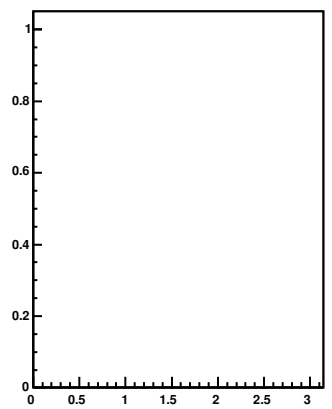
WZ-PEM_BMU dilDphilike



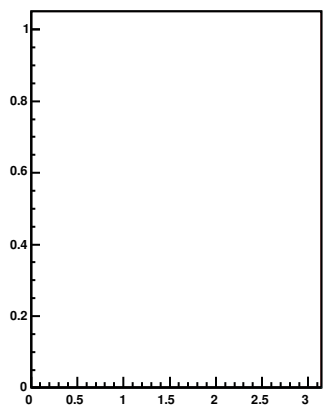
ZZ-PEM_BMU dilDphilike



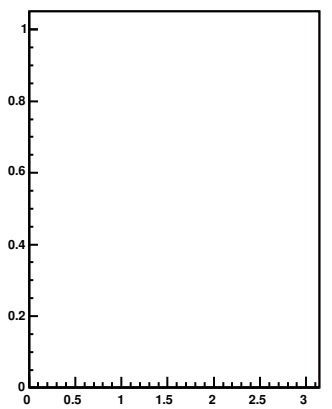
WW-PEM_BMU dilDphilike



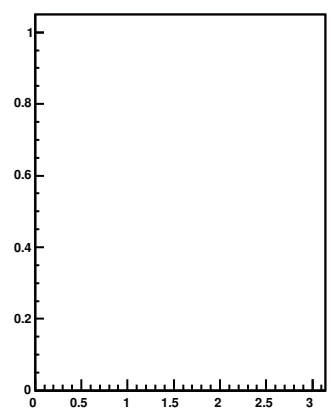
wgamma-PEM_BMU dilDphilike



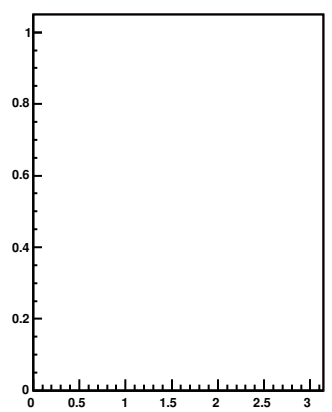
ttbar-PEM_BMU dilDphilike



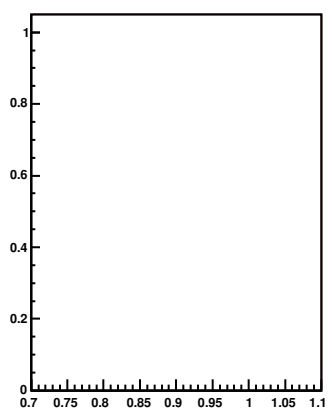
higgsww-PEM_BMU dilDphilike



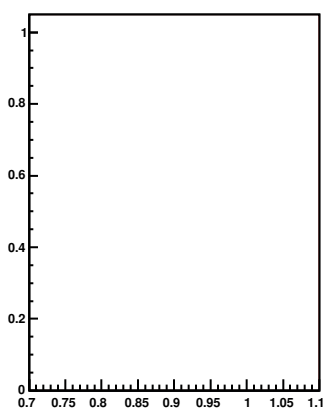
data-PEM_BMU dilDphilike



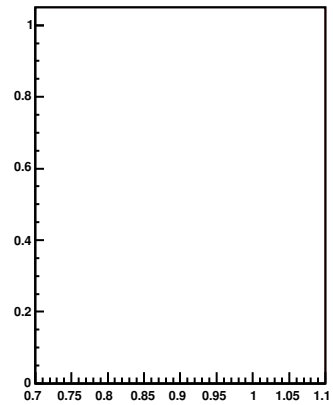
Zee-PEM_BMU rawweight



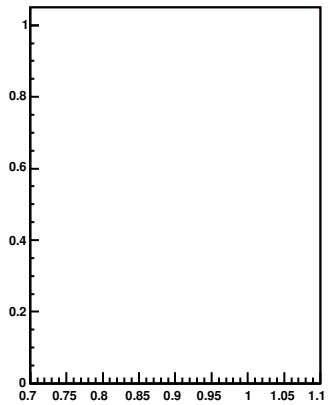
Zmumu-PEM_BMU rawweight



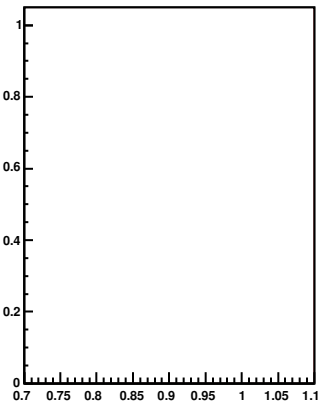
Ztautau-PEM_BMU rawweight



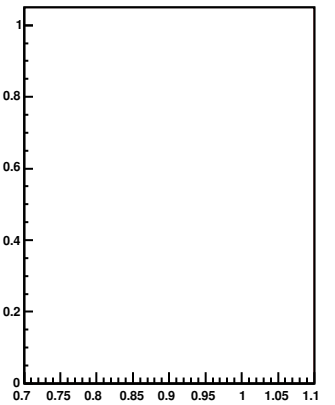
fake-PEM_BMU rawweight



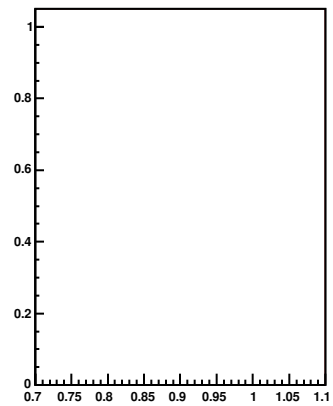
WZ-PEM_BMU rawweight



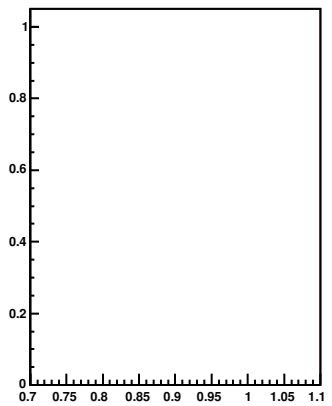
ZZ-PEM_BMU rawweight



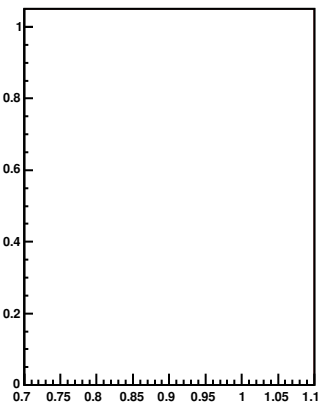
WW-PEM_BMU rawweight



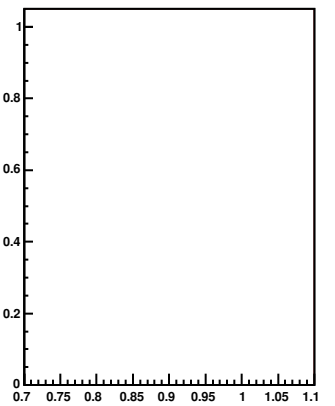
wgamma-PEM_BMU rawweight



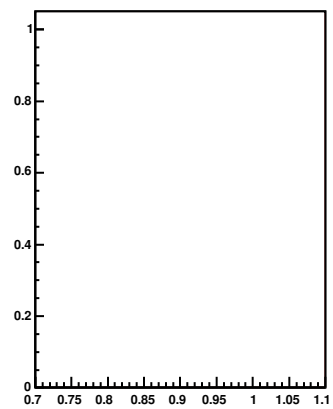
ttbar-PEM_BMU rawweight



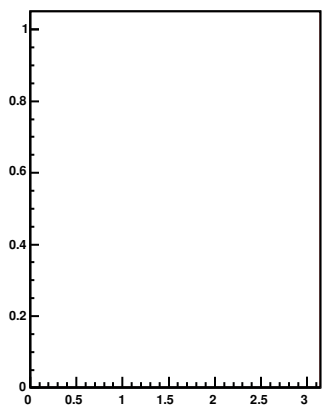
higgsww-PEM_BMU rawweight



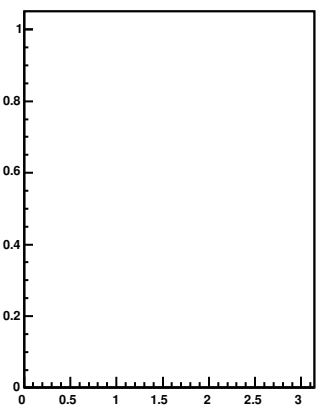
data-PEM_BMU rawweight



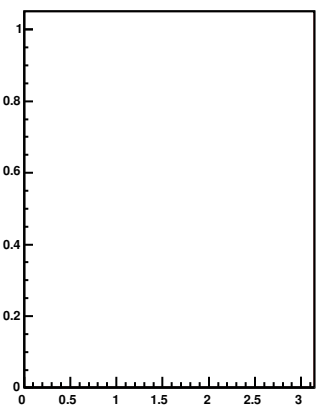
Zee-CMUP_BMU dilDphilike



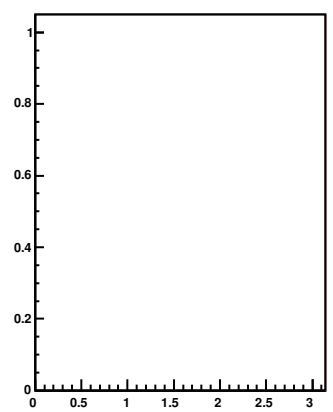
Zmumu-CMUP_BMU dilDphilike



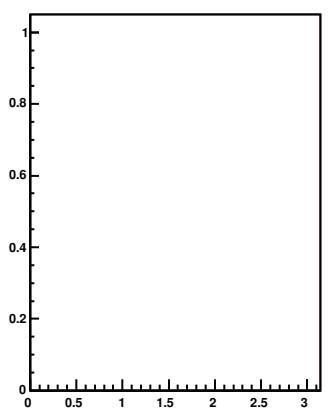
Ztautau-CMUP_BMU dilDphilike



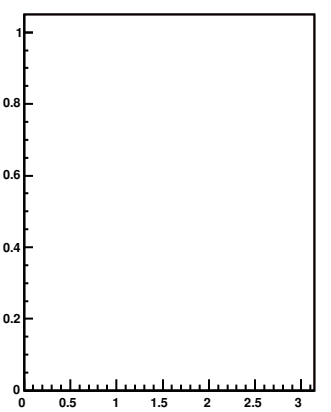
fake-CMUP_BMU dilDphilike



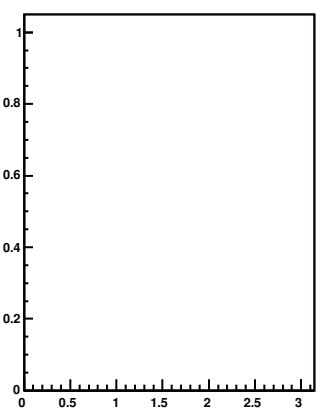
WZ-CMUP_BMU dilDphilike



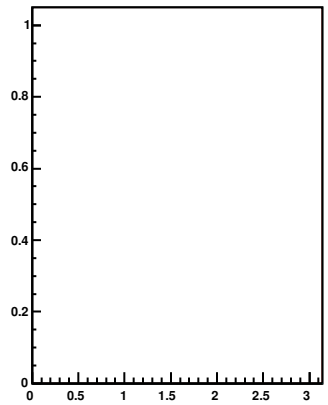
ZZ-CMUP_BMU dilDphilike



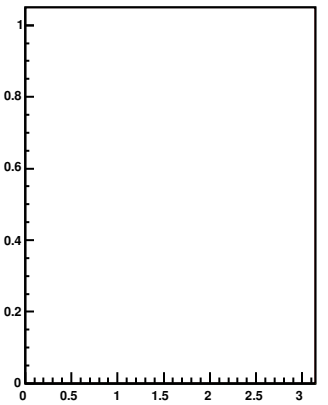
WW-CMUP_BMU dilDphilike



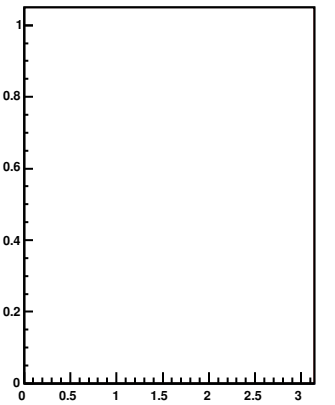
wgamma-CMUP_BMU dilDphilike



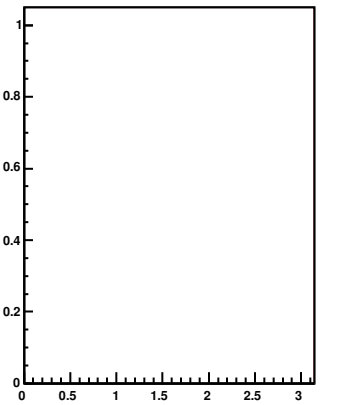
ttbar-CMUP_BMU dilDphilike



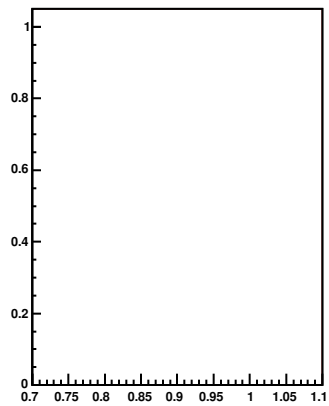
higgsww-CMUP_BMU dilDphilike



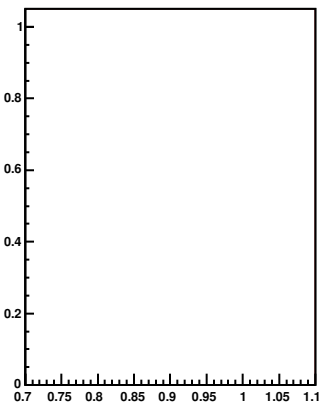
data-CMUP_BMU dilDphilike



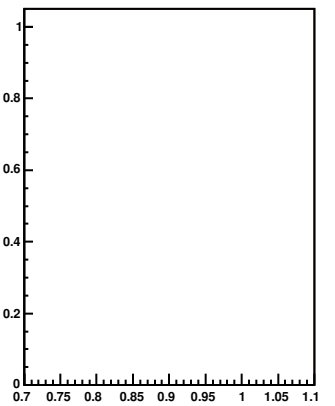
Zee-CMUP_BMU rawweight



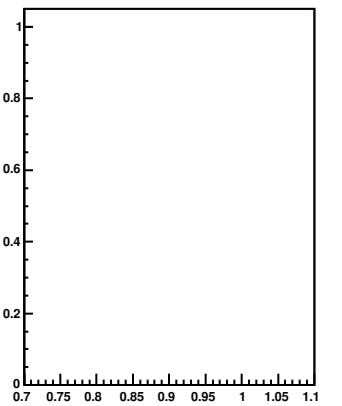
Zmumu-CMUP_BMU rawweight



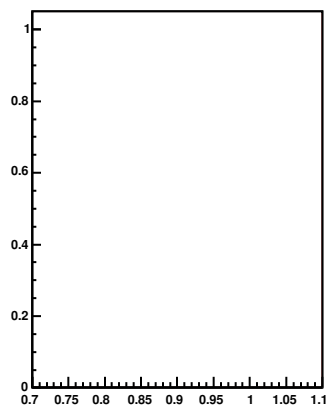
Ztautau-CMUP_BMU rawweight



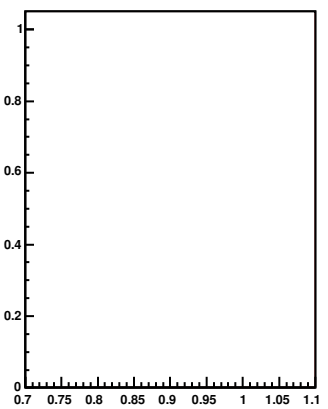
fake-CMUP_BMU rawweight



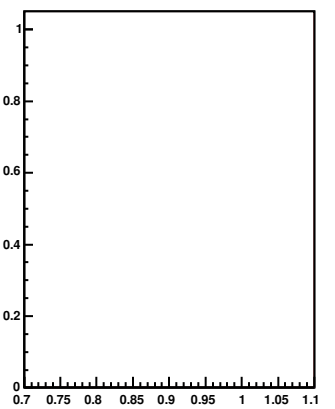
WZ-CMUP_BMU rawweight



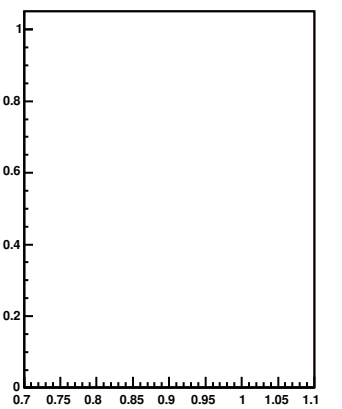
ZZ-CMUP_BMU rawweight



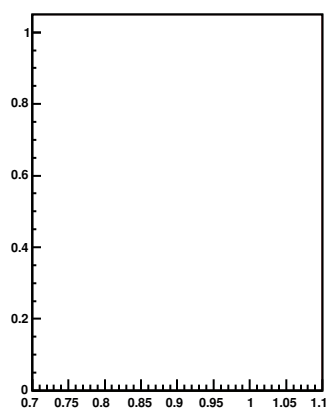
WW-CMUP_BMU rawweight



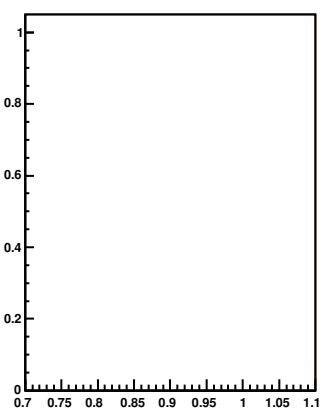
wgamma-CMUP_BMU rawweight



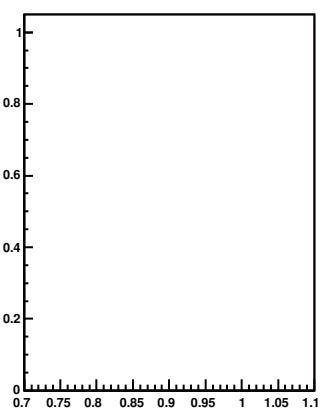
ttbar-CMUP_BMU rawweight



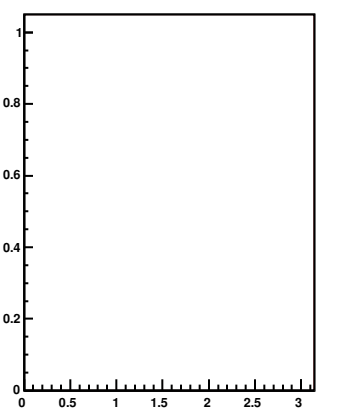
higgsww-CMUP_BMU rawweight



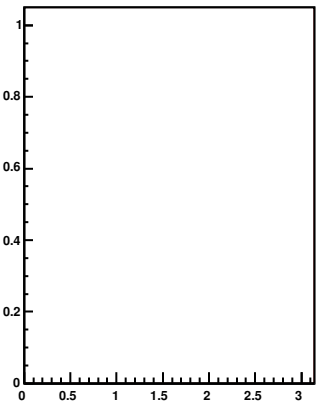
data-CMUP_BMU rawweight



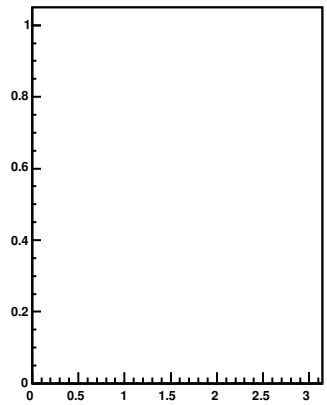
Zee-CMX_BMU dilDphilike



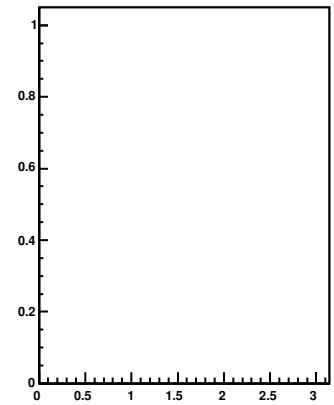
Zmumu-CMX_BMU dilDphilike



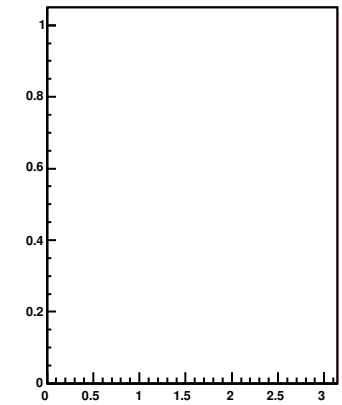
Ztautau-CMX_BMU dilDphilike



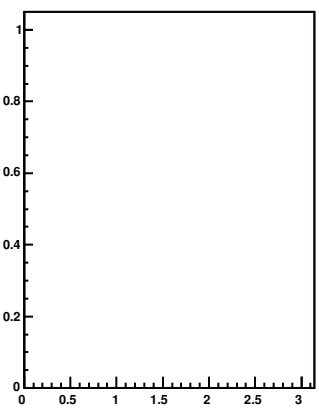
fake-CMX_BMU dilDphilike



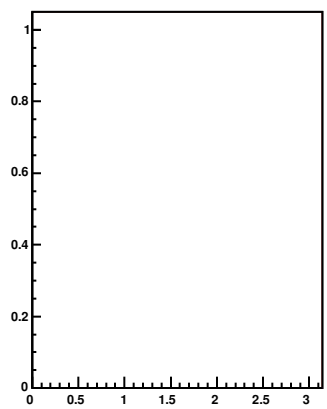
WZ-CMX_BMU dilDphilike



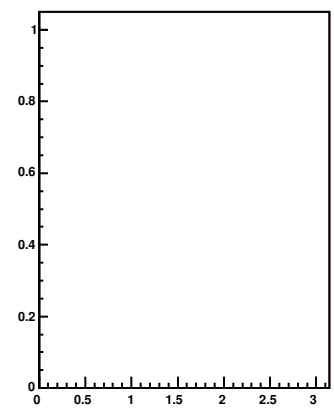
ZZ-CMX_BMU dilDphilike



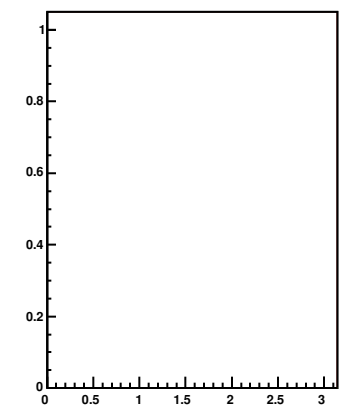
WW-CMX_BMU dilDphilike



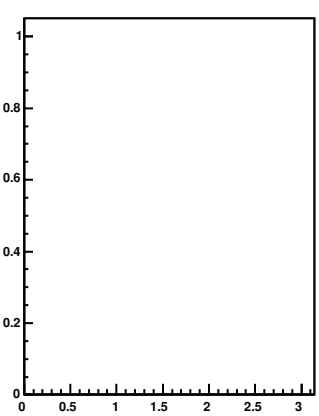
wgamma-CMX_BMU dilDphilike



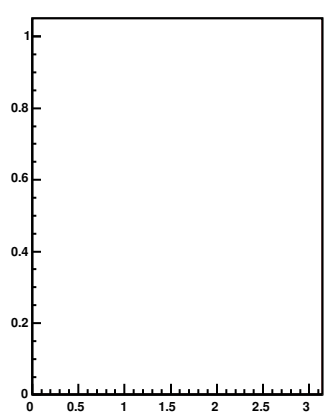
ttbar-CMX_BMU dilDphilike



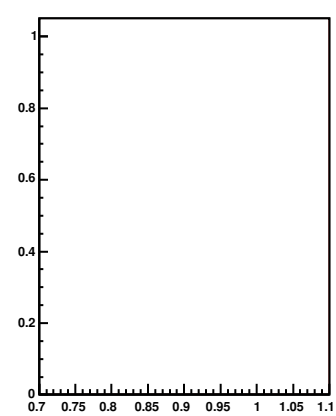
higgsww-CMX_BMU dilDphilike



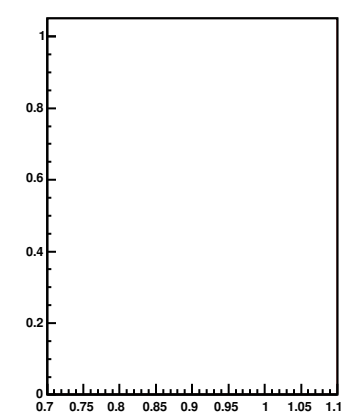
data-CMX_BMU dilDphilike



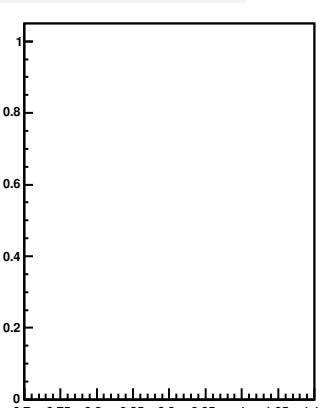
Zee-CMX_BMU rawweight



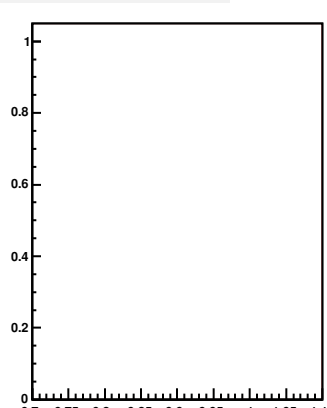
Zmumu-CMX_BMU rawweight



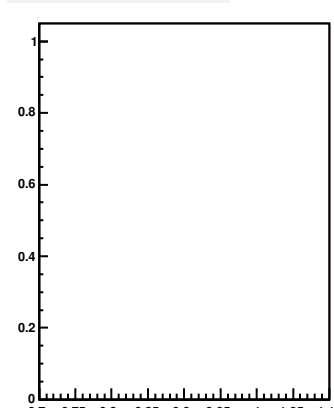
Ztautau-CMX_BMU rawweight



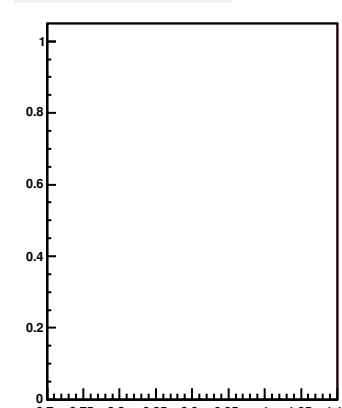
fake-CMX_BMU rawweight



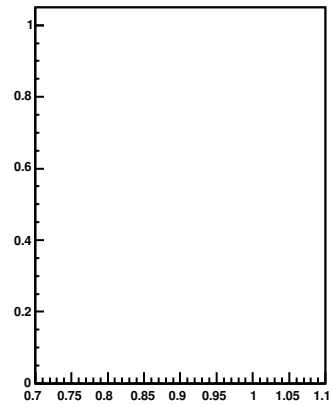
WZ-CMX_BMU rawweight



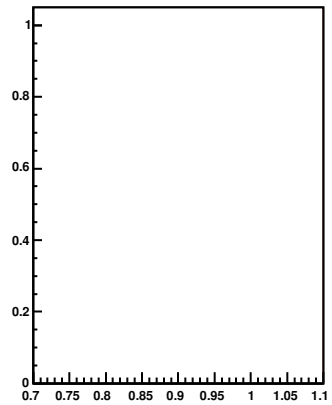
ZZ-CMX_BMU rawweight



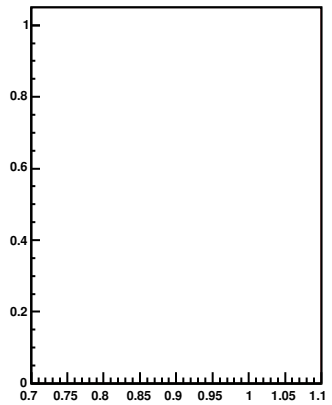
WW-CMX_BMU rawweight



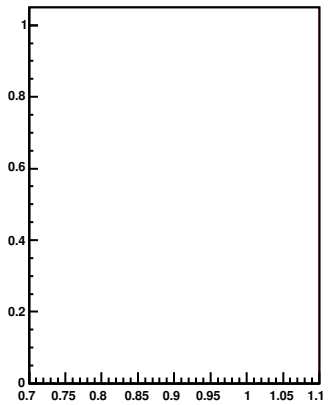
wgamma-CMX_BMU rawweight



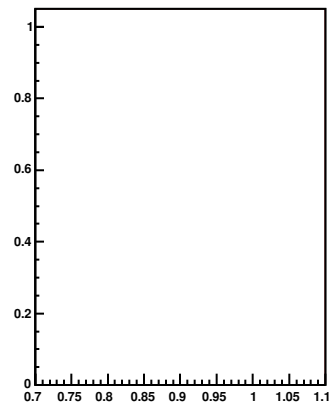
ttbar-CMX_BMU rawweight



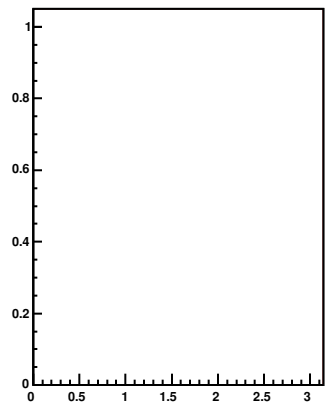
higgsww-CMX_BMU rawweight



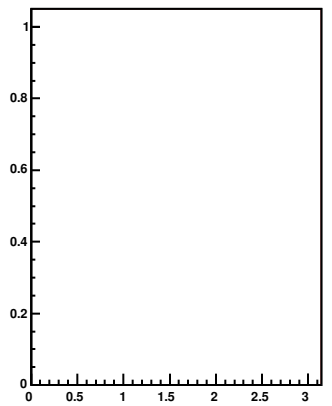
data-CMX_BMU rawweight



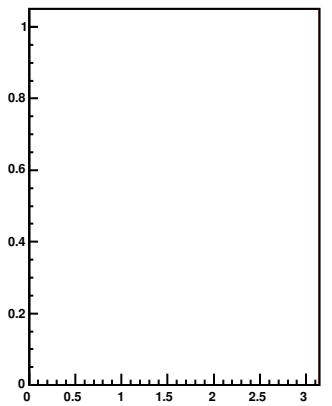
Zee-BMU_BMU dilDphilike



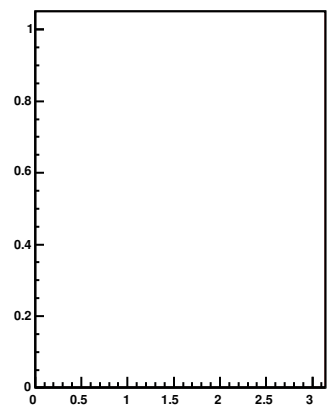
Zmumu-BMU_BMU dilDphilike



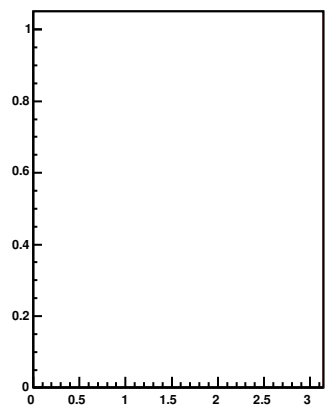
Ztautau-BMU_BMU dilDphilike



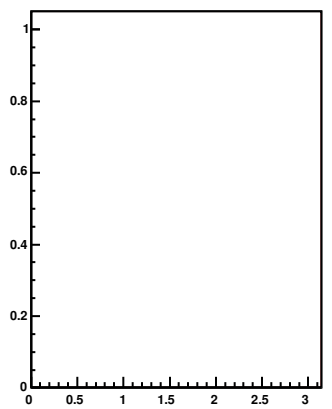
fake-BMU_BMU dilDphilike



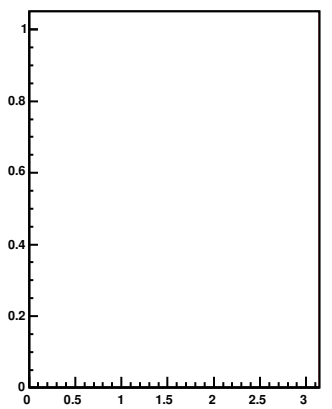
WZ-BMU_BMU dilDphilike



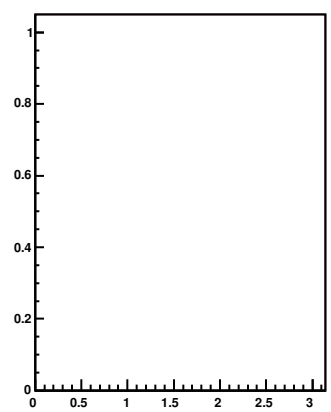
ZZ-BMU_BMU dilDphilike



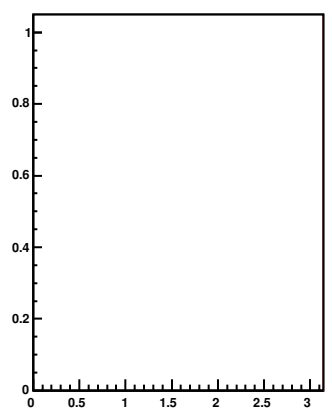
WW-BMU_BMU dilDphilike



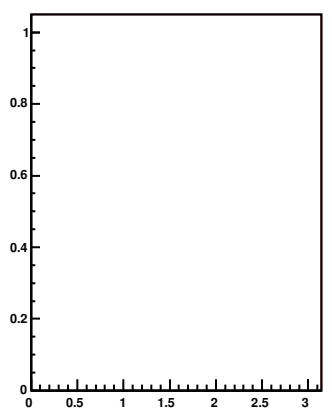
wgamma-BMU_BMU dilDphilike



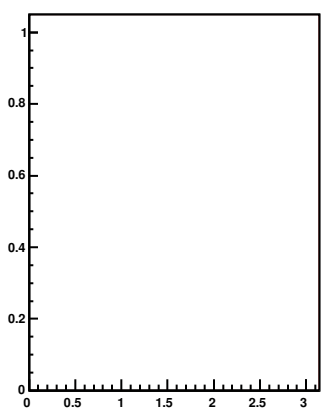
ttbar-BMU_BMU dilDphilike



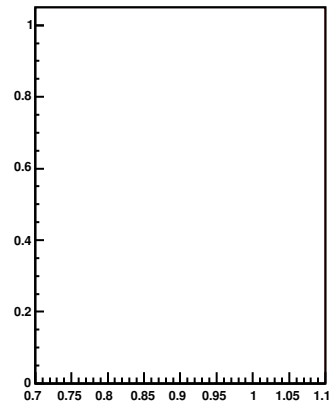
higgsww-BMU_BMU dilDphilike



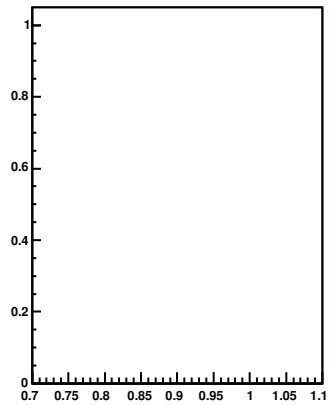
data-BMU_BMU dilDphilike



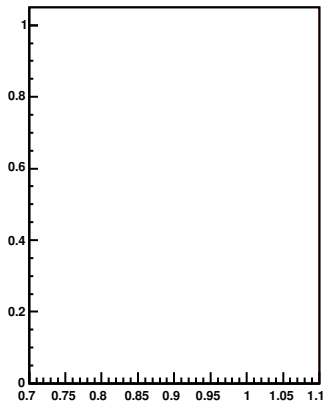
Zee-BMU_BMU rawweight



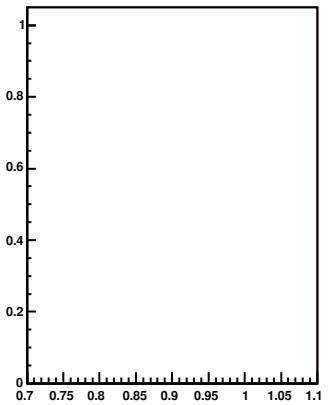
Zmumu-BMU_BMU rawweight



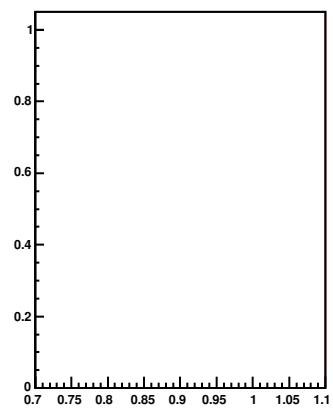
Ztautau-BMU_BMU rawweight



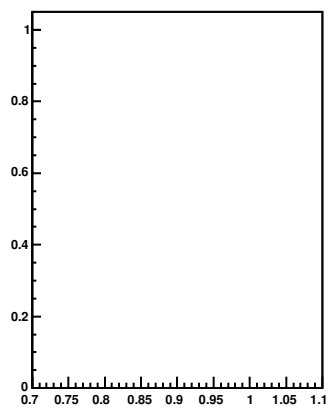
fake-BMU_BMU rawweight



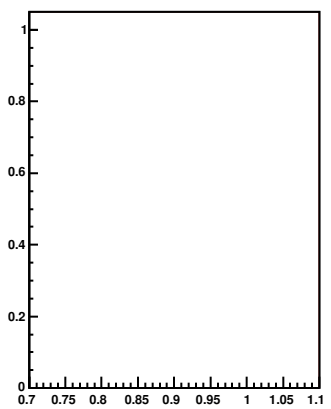
WZ-BMU_BMU rawweight



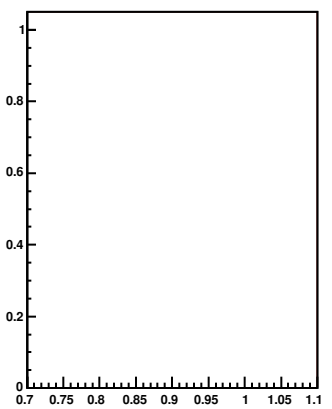
ZZ-BMU_BMU rawweight



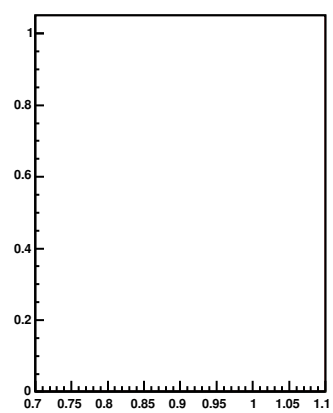
WW-BMU_BMU rawweight



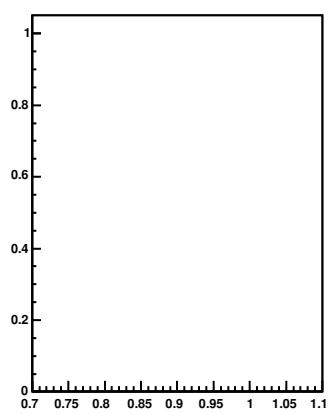
wgamma-BMU_BMU rawweight



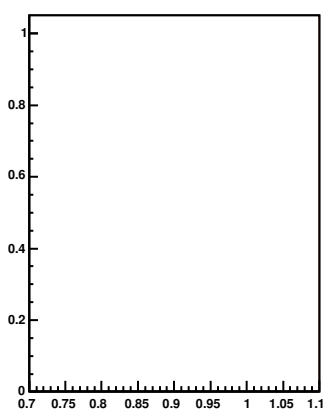
ttbar-BMU_BMU rawweight



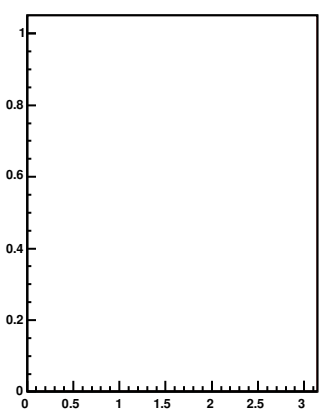
higgsww-BMU_BMU rawweight



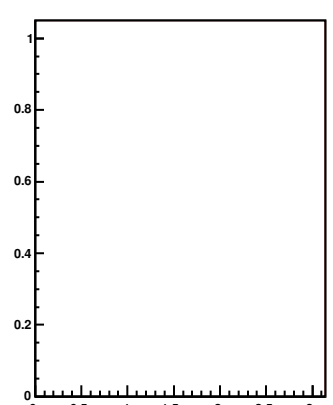
data-BMU_BMU rawweight



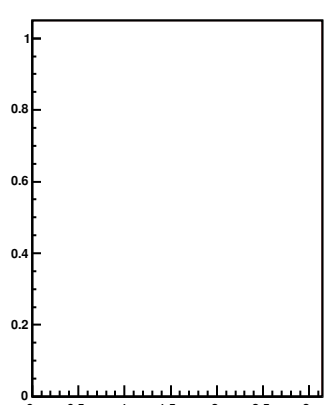
Zee-BMU_CMU dilDphilike



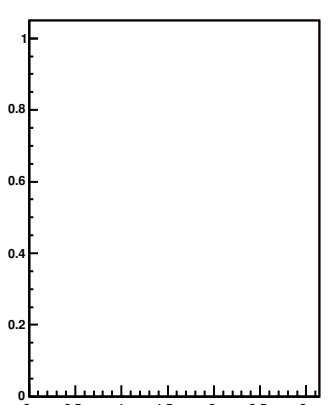
Zmumu-BMU_CMU dilDphilike



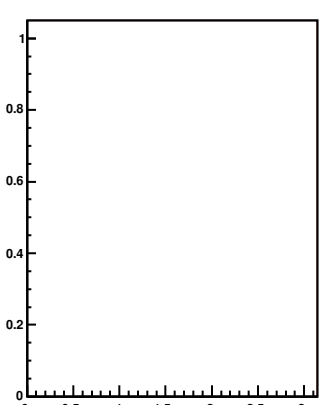
Ztautau-BMU_CMU dilDphilike



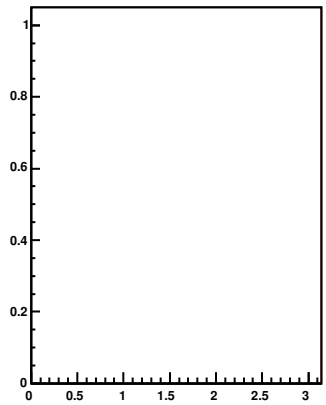
fake-BMU_CMU dilDphilike



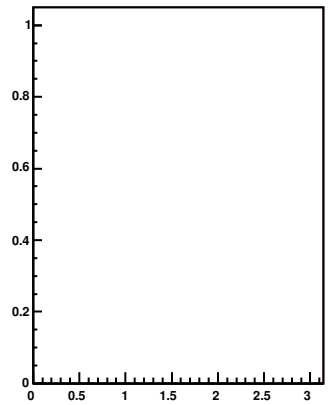
WZ-BMU_CMU dilDphilike



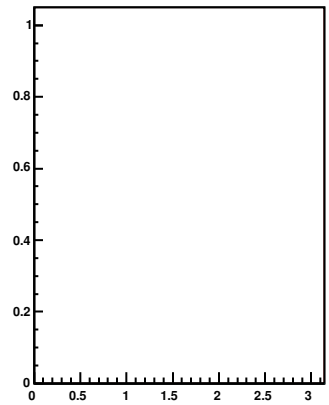
ZZ-BMU_CMU dilDphilike



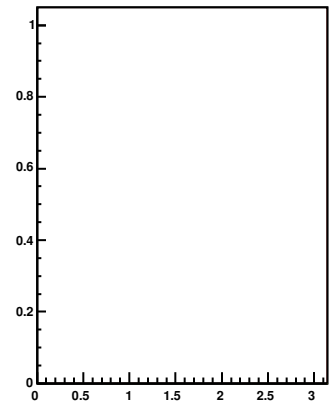
WW-BMU_CMU dilDphilike



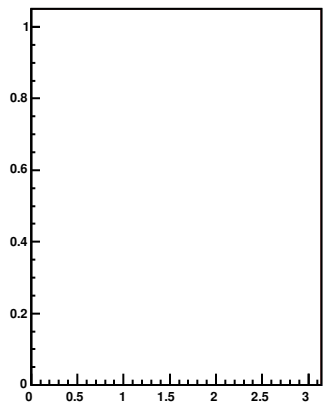
wgamma-BMU_CMU dilDphilike



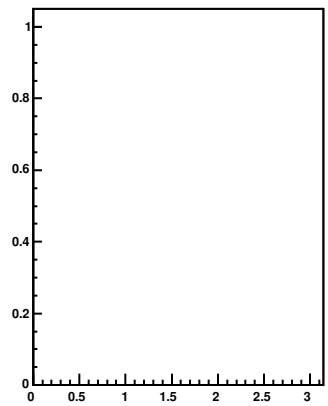
ttbar-BMU_CMU dilDphilike



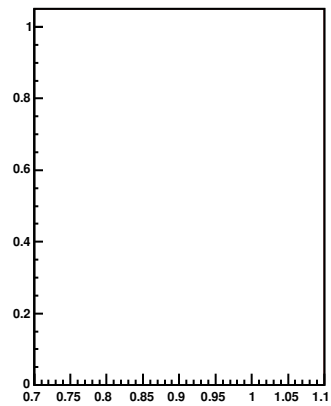
higgsww-BMU_CMU dilDphilike



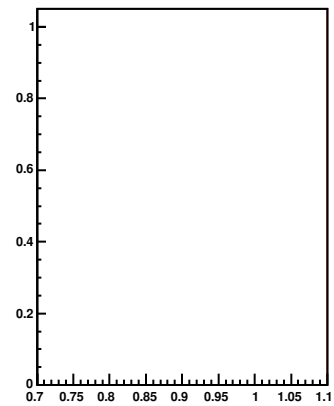
data-BMU_CMU dilDphilike



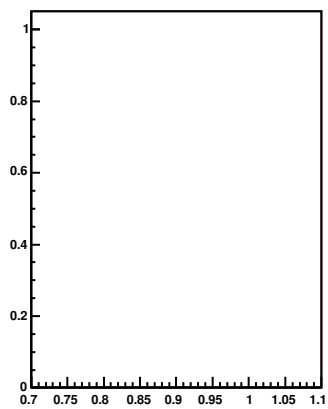
Zee-BMU_CMU rawweight



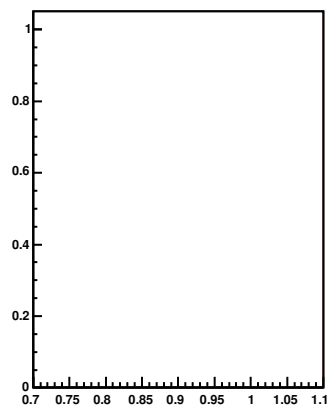
Zmumu-BMU_CMU rawweight



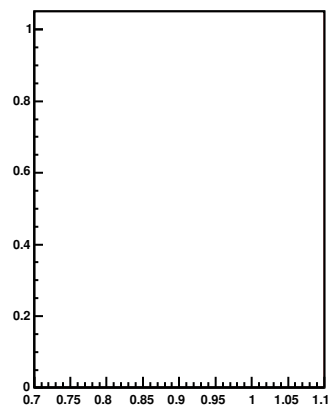
Ztautau-BMU_CMU rawweight



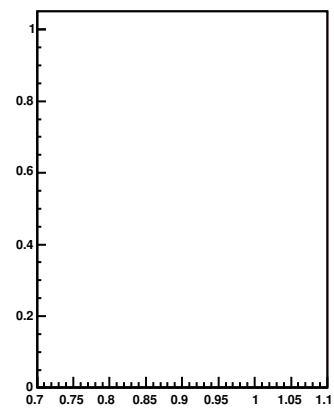
fake-BMU_CMU rawweight



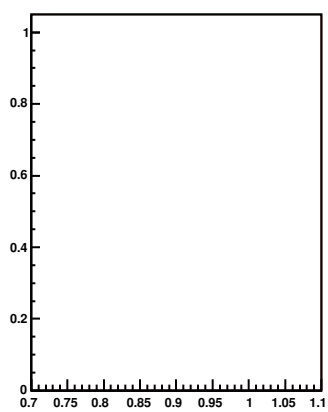
WZ-BMU_CMU rawweight



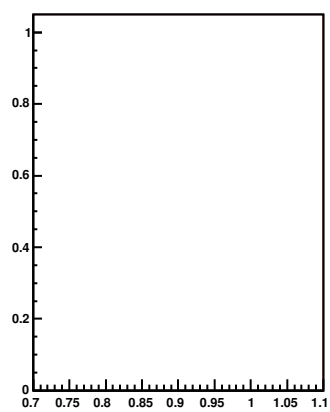
ZZ-BMU_CMU rawweight



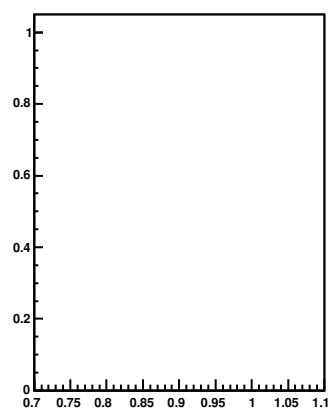
WW-BMU_CMU rawweight



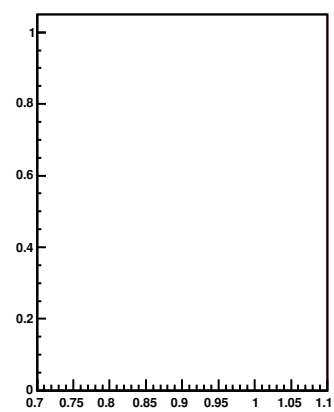
wgamma-BMU_CMU rawweight



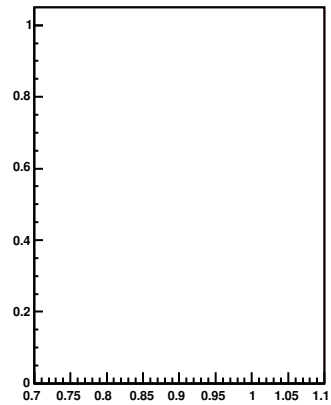
ttbar-BMU_CMU rawweight



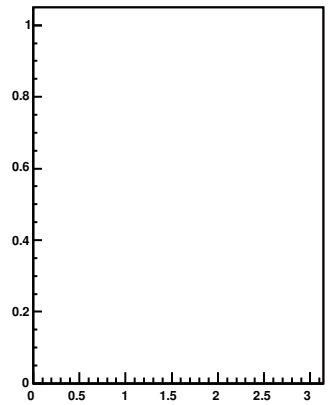
higgsww-BMU_CMU rawweight



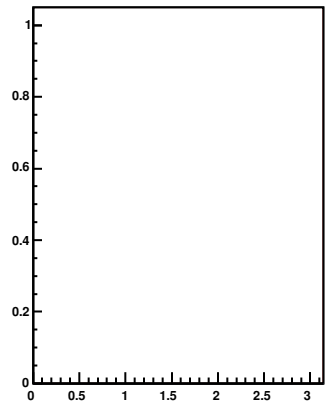
data-BMU_CMU rawweight



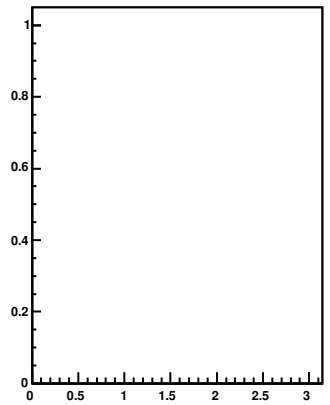
Zee-BMU_CMP dilDphilike



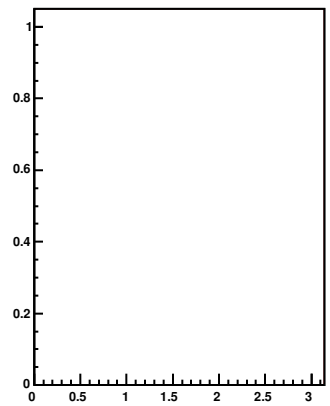
Zmumu-BMU_CMP dilDphilike



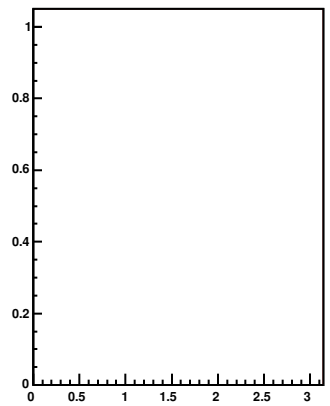
Ztautau-BMU_CMP dilDphilike



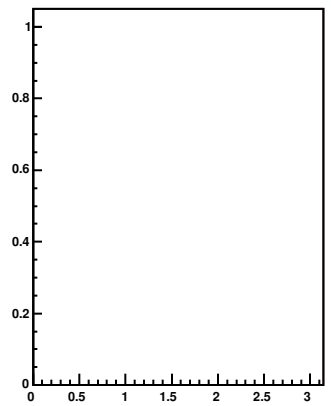
fake-BMU_CMP dilDphilike



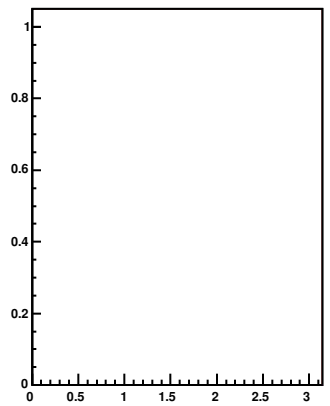
WZ-BMU_CMP dilDphilike



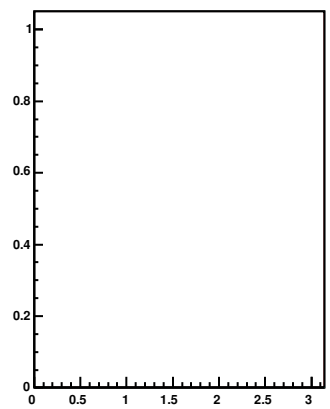
ZZ-BMU_CMP dilDphilike



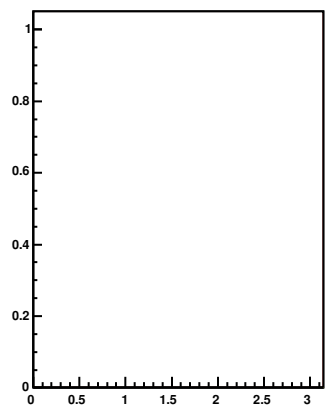
WW-BMU_CMP dilDphilike



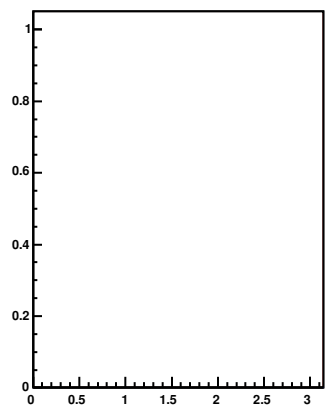
wgamma-BMU_CMP dilDphilike



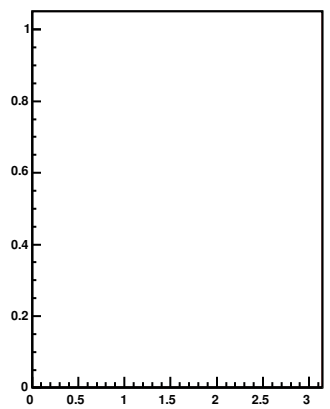
ttbar-BMU_CMP dilDphilike



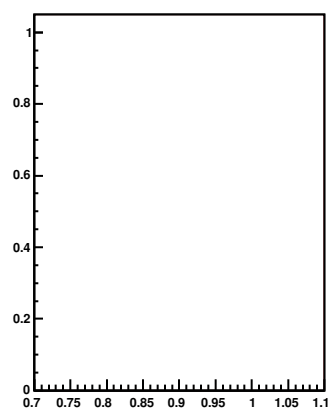
higgsww-BMU_CMP dilDphilike



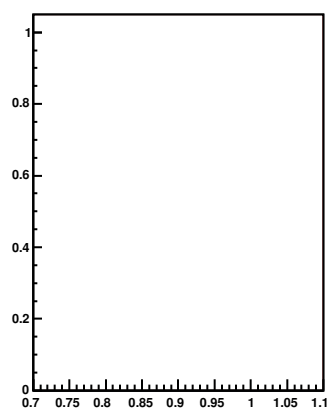
data-BMU_CMP dilDphilike



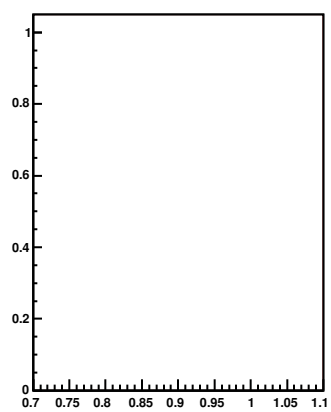
Zee-BMU_CMP rawweight



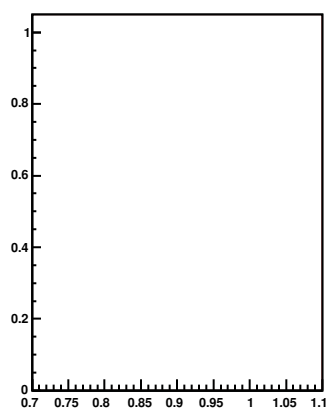
Zmumu-BMU_CMP rawweight



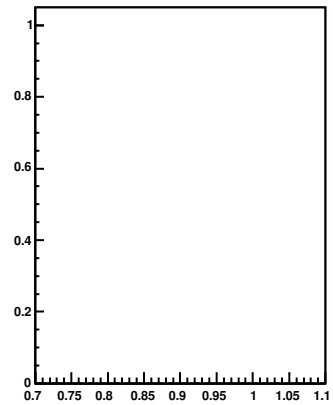
Ztautau-BMU_CMP rawweight



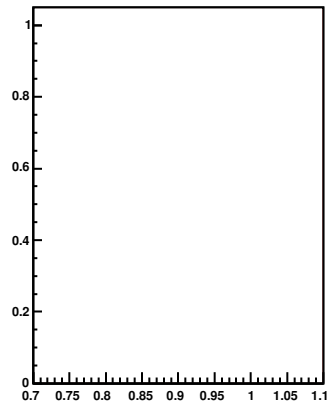
fake-BMU_CMP rawweight



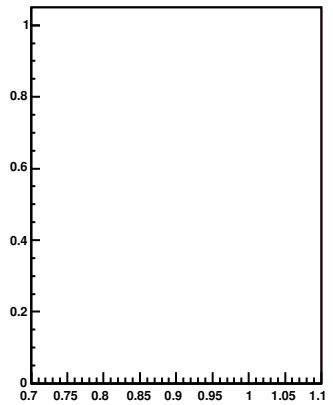
WZ-BMU_CMP rawweight



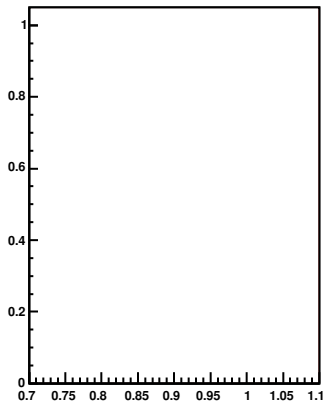
ZZ-BMU_CMP rawweight



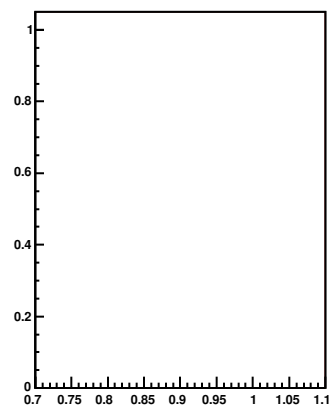
WW-BMU_CMP rawweight



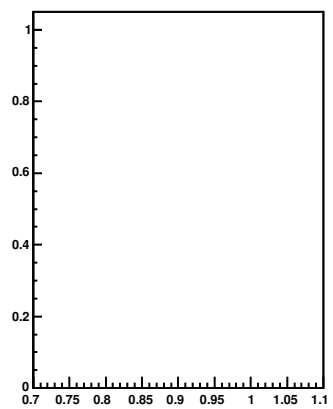
wgamma-BMU_CMP rawweight



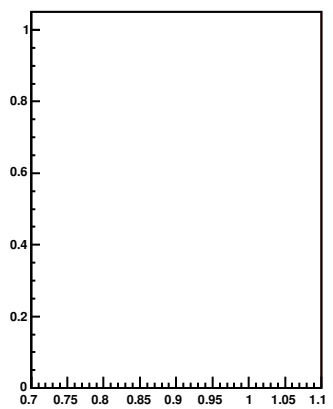
ttbar-BMU_CMP rawweight



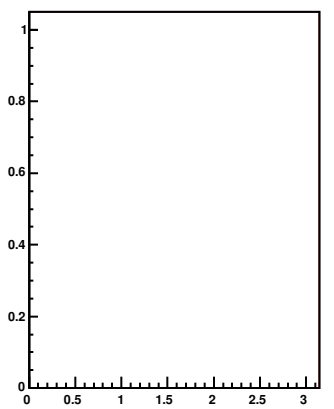
higgsww-BMU_CMP rawweight



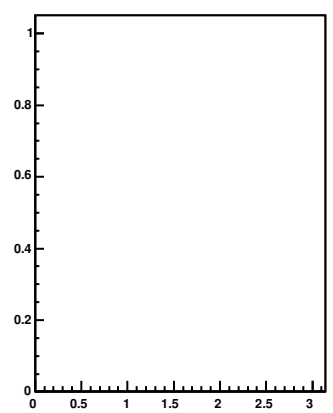
data-BMU_CMP rawweight



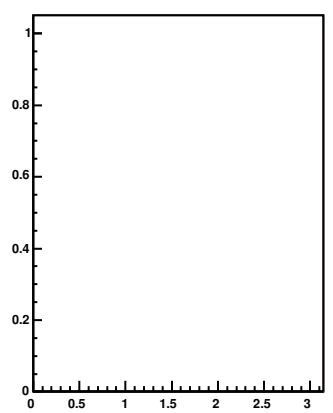
Zee-BMU_CMIO dilDphilike



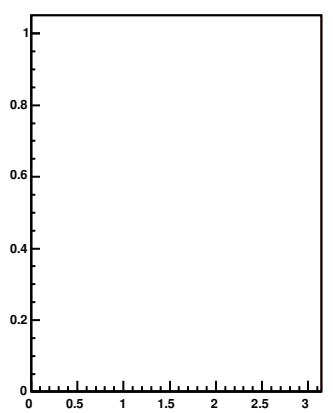
Zmumu-BMU_CMIO dilDphilike



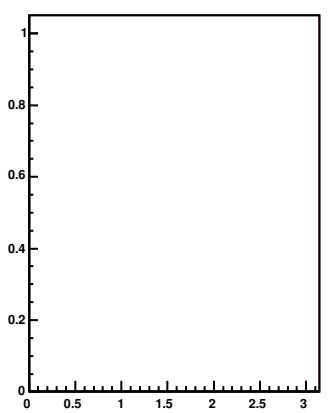
Ztautau-BMU_CMIO dilDphilike



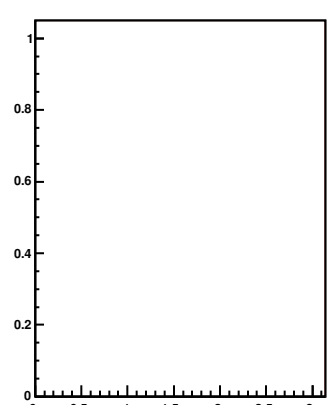
fake-BMU_CMIO dilDphilike



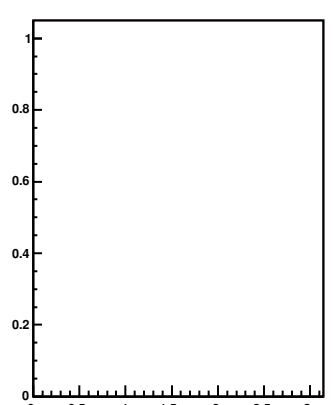
WZ-BMU_CMIO dilDphilike



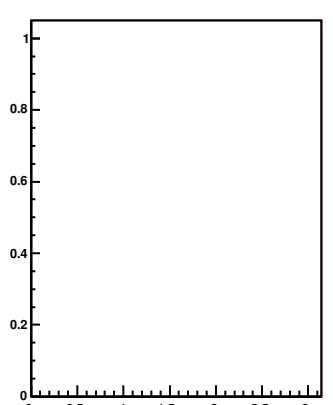
ZZ-BMU_CMIO dilDphilike



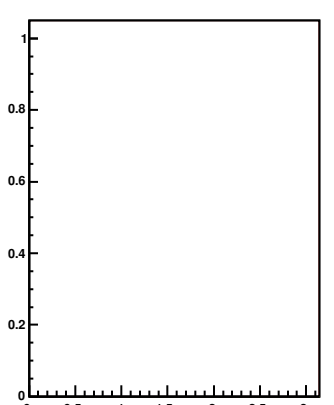
WW-BMU_CMIO dilDphilike



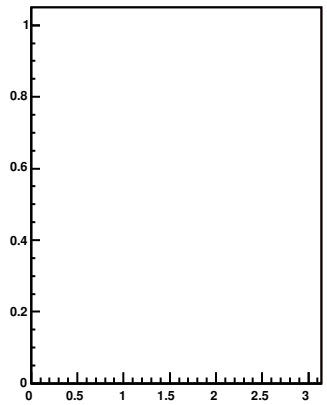
wgamma-BMU_CMIO dilDphilike



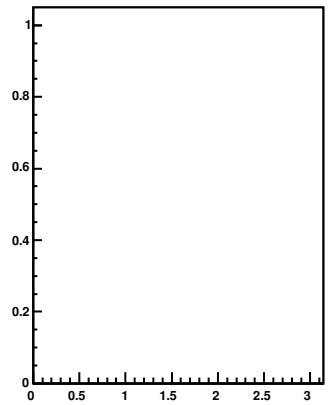
ttbar-BMU_CMIO dilDphilike



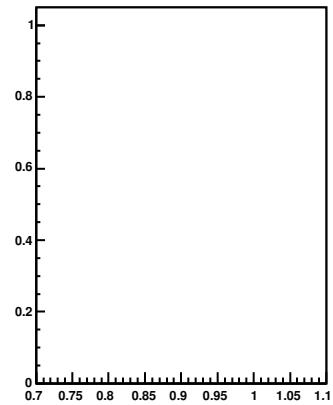
higgsww-BMU_CMIO dilDphilike



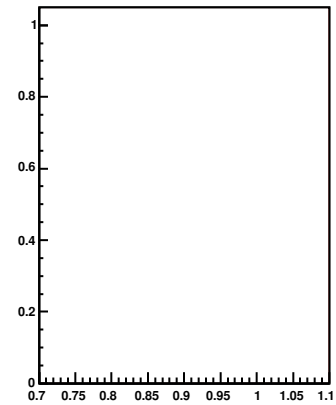
data-BMU_CMIO dilDphilike



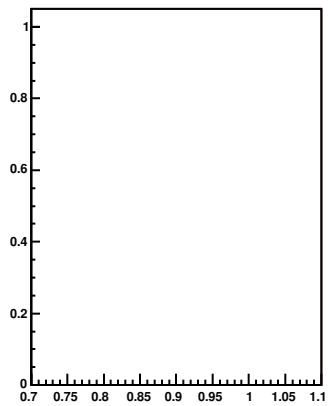
Zee-BMU_CMIO rawweight



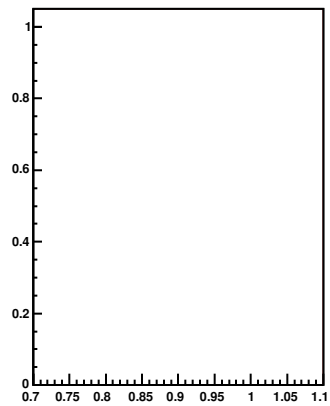
Zmumu-BMU_CMIO rawweight



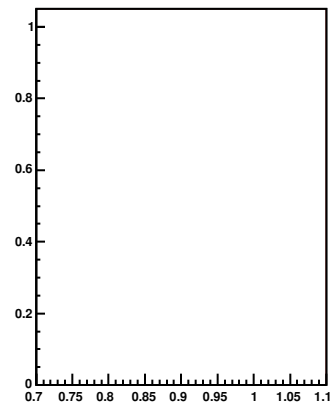
Ztautau-BMU_CMIO rawweight



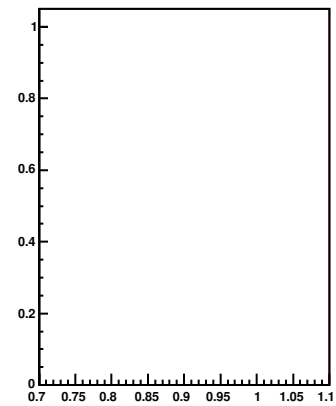
fake-BMU_CMIO rawweight



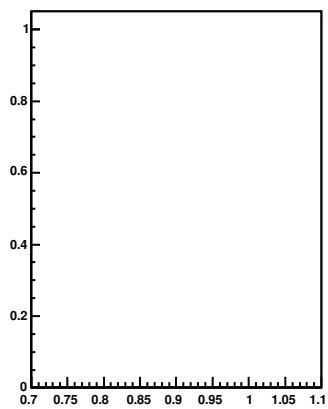
WZ-BMU_CMIO rawweight



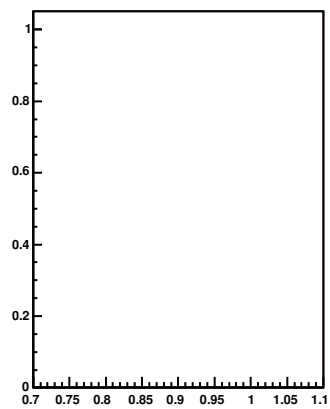
ZZ-BMU_CMIO rawweight



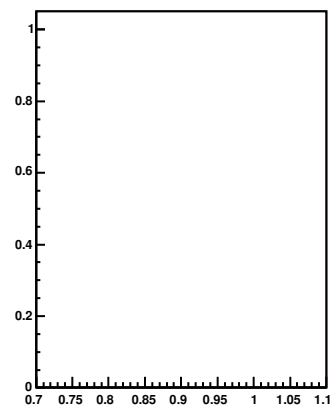
WW-BMU_CMIO rawweight



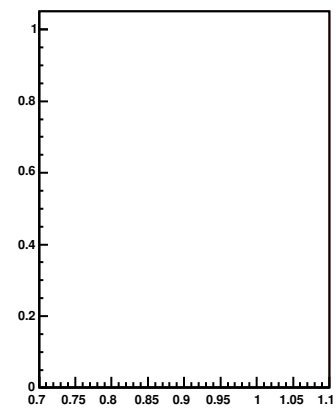
wgamma-BMU_CMIO rawweight



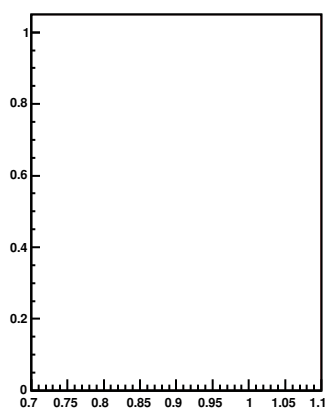
ttbar-BMU_CMIO rawweight



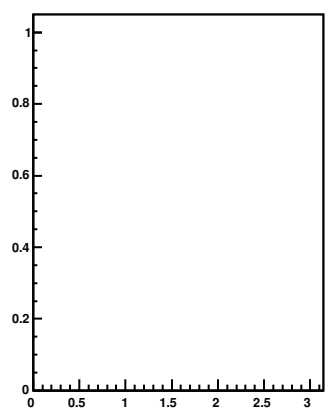
higgsww-BMU_CMIO rawweight



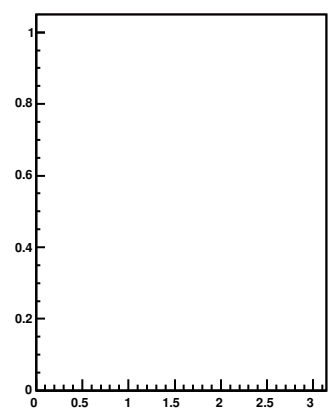
data-BMU_CMIO rawweight



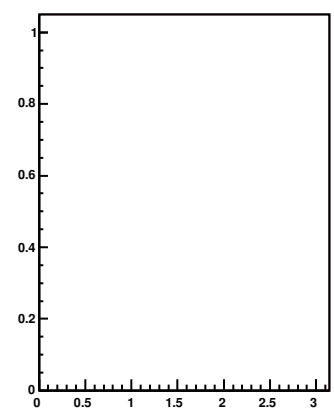
Zee-TCE_SCMIO dilDphilike



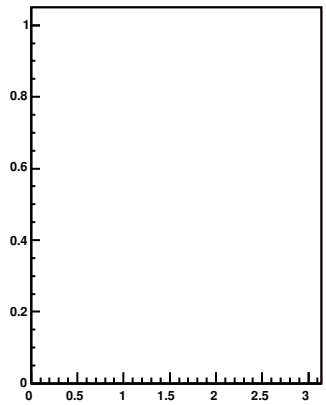
Zmumu-TCE_SCMIO dilDphilike



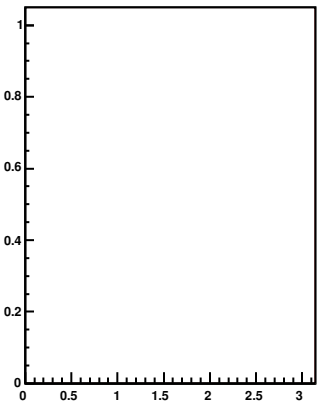
Ztautau-TCE_SCMIO dilDphilike



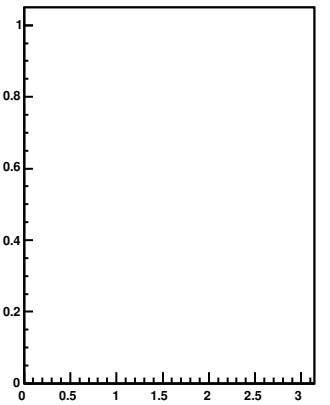
fake-TCE_SCMIO dilDphilike



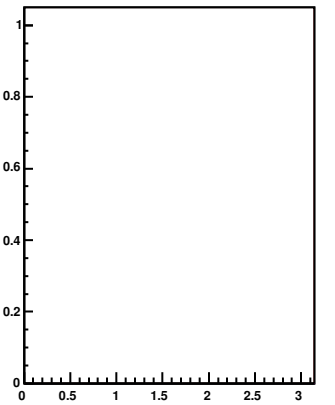
WZ-TCE_SCMIO dilDphilike



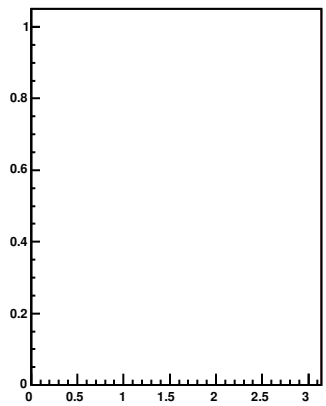
ZZ-TCE_SCMIO dilDphilike



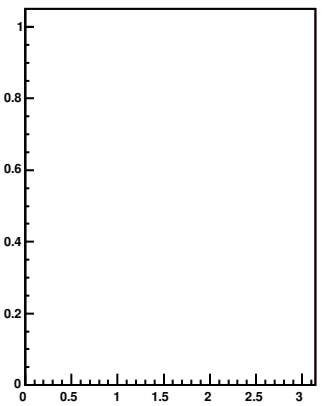
WW-TCE_SCMIO dilDphilike



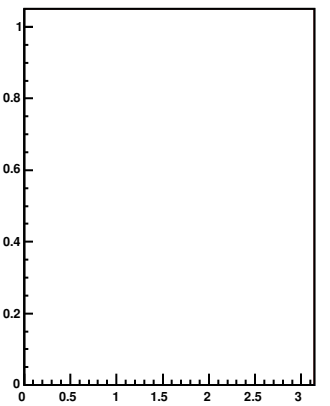
wgamma-TCE_SCMIO dilDphilike



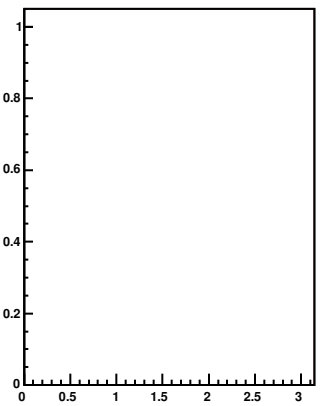
ttbar-TCE_SCMIO dilDphilike



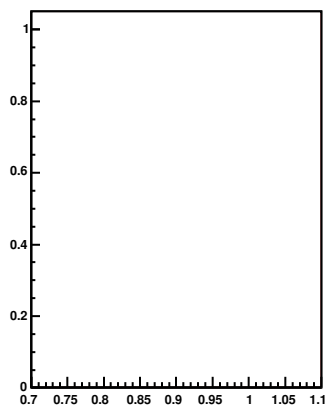
higgsww-TCE_SCMIO dilDphilike



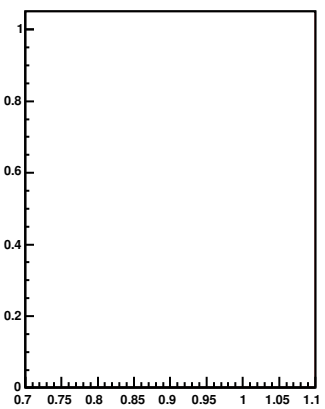
data-TCE_SCMIO dilDphilike



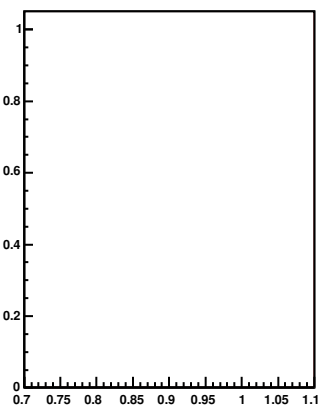
Zee-TCE_SCMIO rawweight



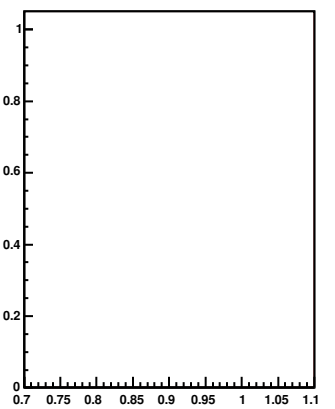
Zmumu-TCE_SCMIO rawweight



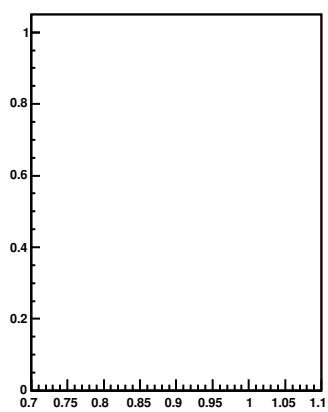
Ztautau-TCE_SCMIO rawweight



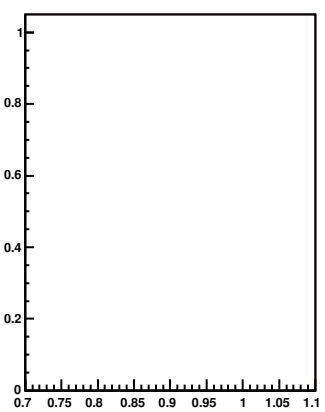
fake-TCE_SCMIO rawweight



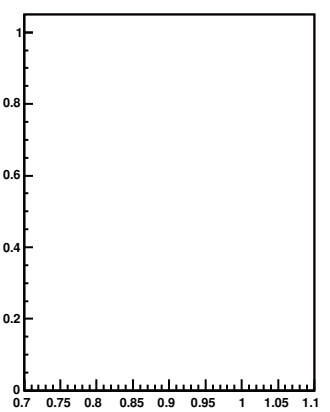
WZ-TCE_SCMIO rawweight



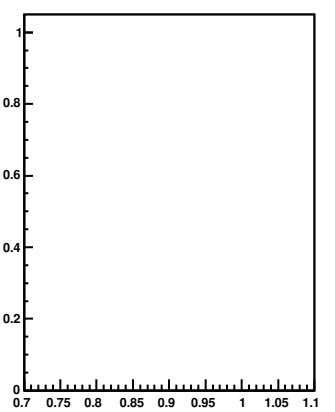
ZZ-TCE_SCMIO rawweight



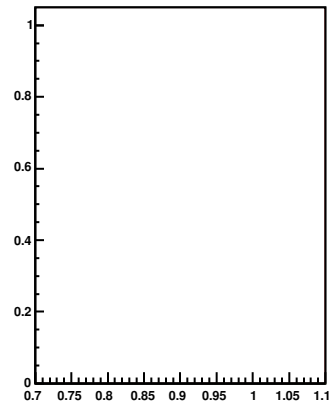
WW-TCE_SCMIO rawweight



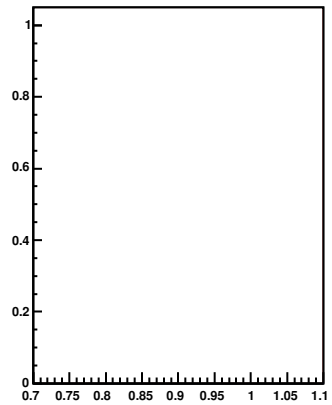
wgamma-TCE_SCMIO rawweight



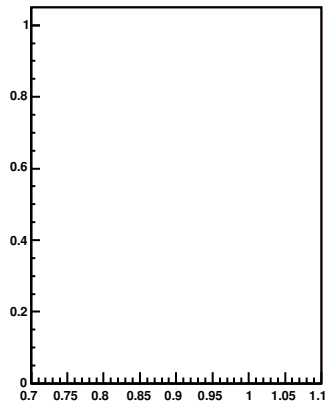
ttbar-TCE_SCMIO rawweight



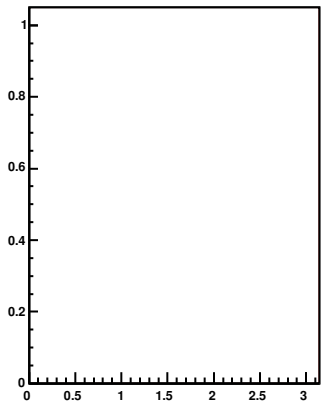
higgsww-TCE_SCMIO rawweight



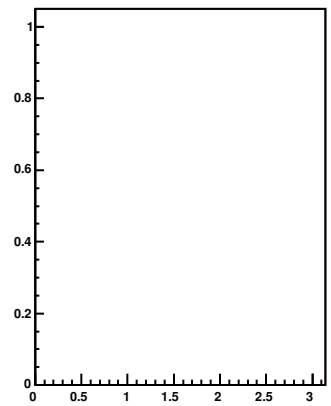
data-TCE_SCMIO rawweight



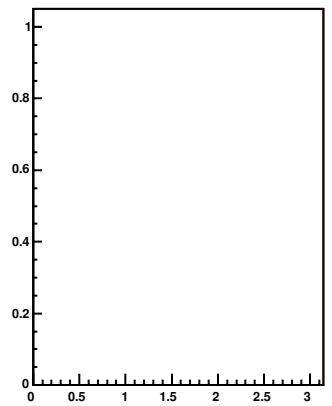
Zee-PHX_SCMIO dilDphilike



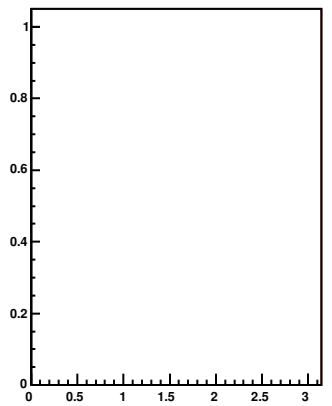
Zmumu-PHX_SCMIO dilDphilike



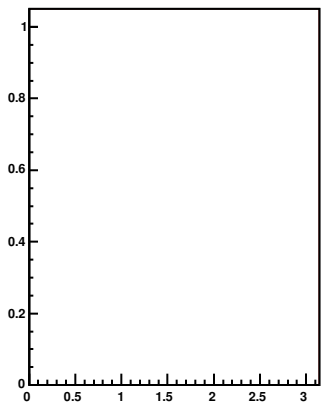
Ztautau-PHX_SCMIO dilDphilike



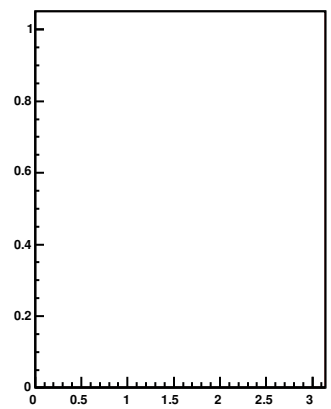
fake-PHX_SCMIO dilDphilike



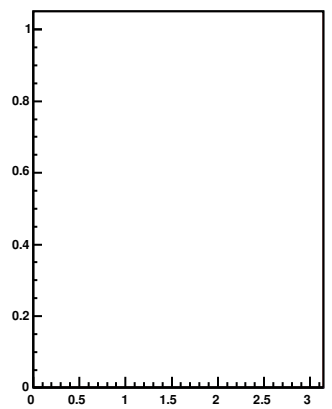
WZ-PHX_SCMIO dilDphilike



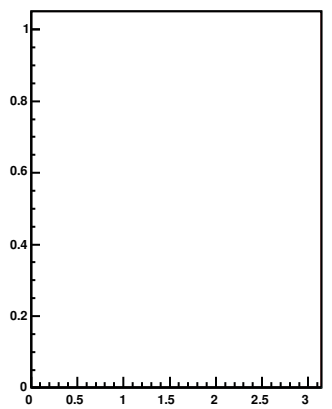
ZZ-PHX_SCMIO dilDphilike



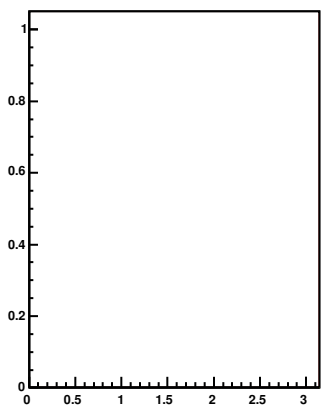
WW-PHX_SCMIO dilDphilike



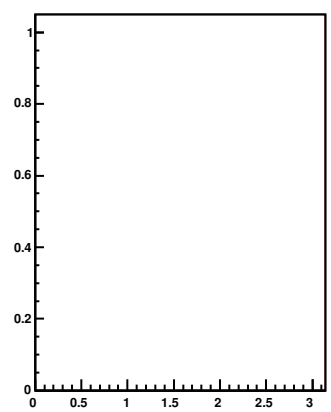
wgamma-PHX_SCMIO dilDphilike



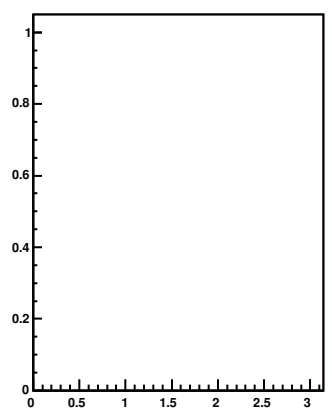
ttbar-PHX_SCMIO dilDphilike



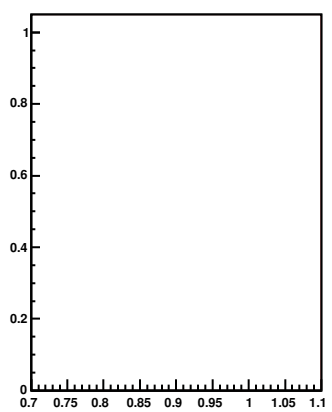
higgsww-PHX_SCMIO dilDphilike



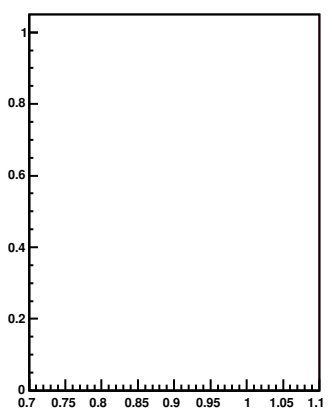
data-PHX_SCMIO dilDphilike



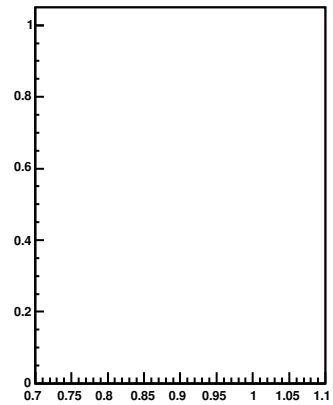
Zee-PHX_SCMIO rawweight



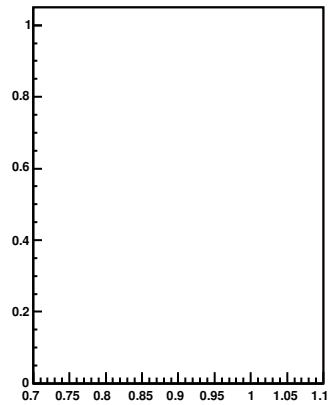
Zmumu-PHX_SCMIO rawweight



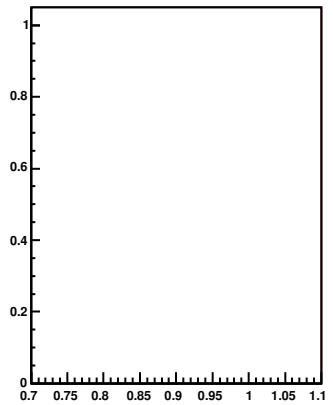
Ztautau-PHX_SCMIO rawweight



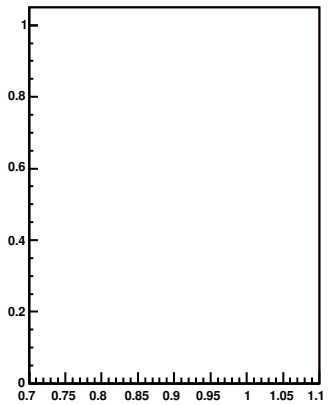
fake-PHX_SCMIO rawweight



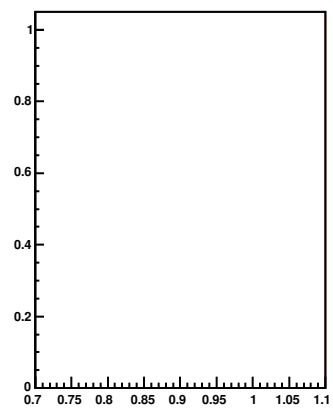
WZ-PHX_SCMIO rawweight



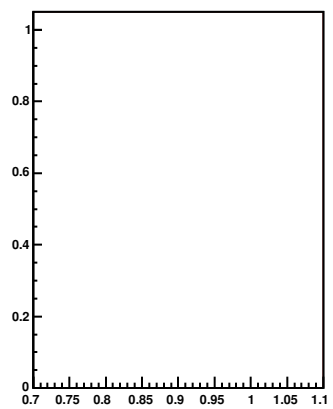
ZZ-PHX_SCMIO rawweight



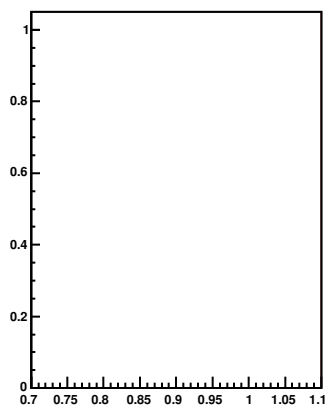
WW-PHX_SCMIO rawweight



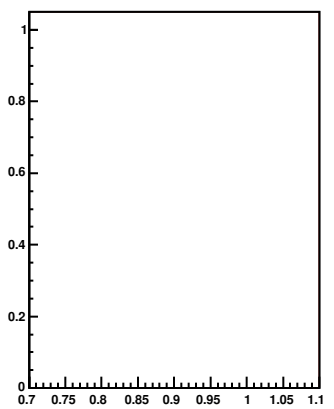
wgamma-PHX_SCMIO rawweight



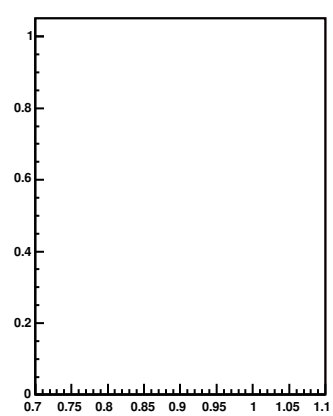
ttbar-PHX_SCMIO rawweight



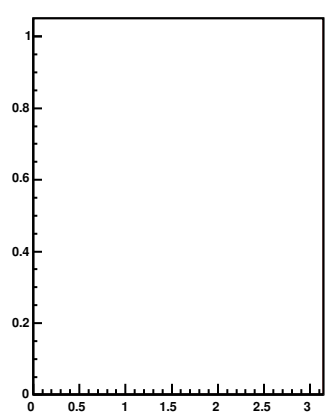
higgsww-PHX_SCMIO rawweight



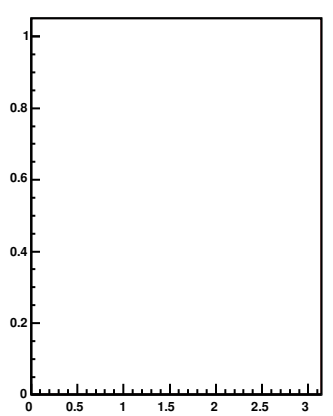
data-PHX_SCMIO rawweight



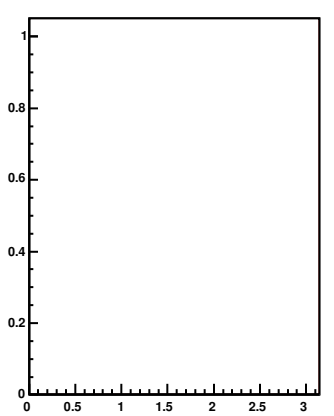
Zee-CMUP_SCMIO dilDphilike



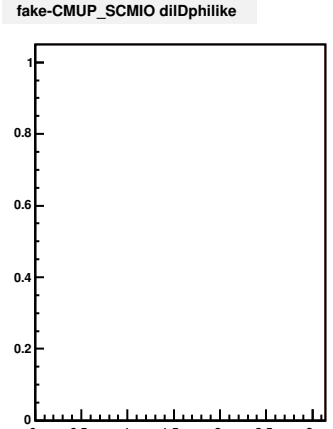
Zmumu-CMUP_SCMIO dilDphilike



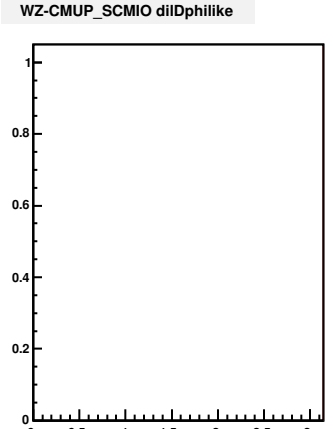
Ztautau-CMUP_SCMIO dilDphilike



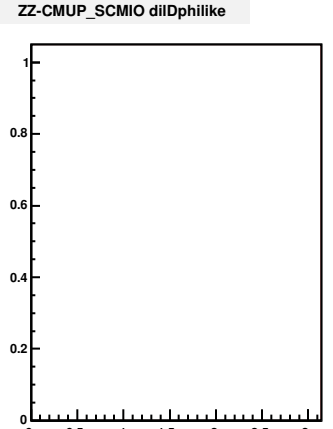
fake-CMUP_SCMIO dilDphilike



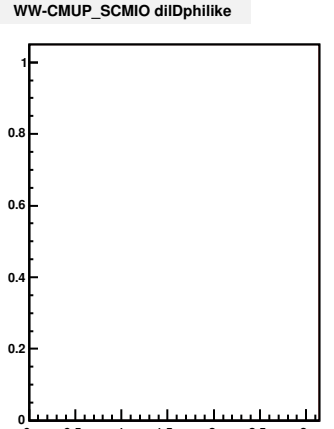
WZ-CMUP_SCMIO dilDphilike



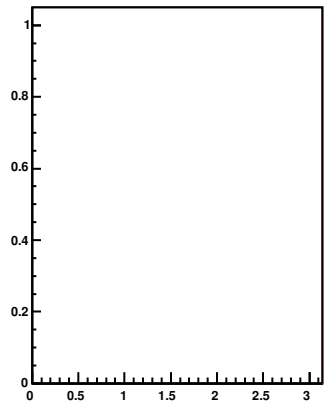
ZZ-CMUP_SCMIO dilDphilike



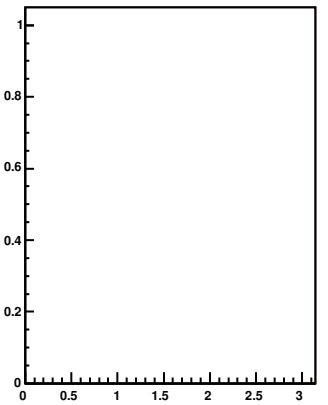
WW-CMUP_SCMIO dilDphilike



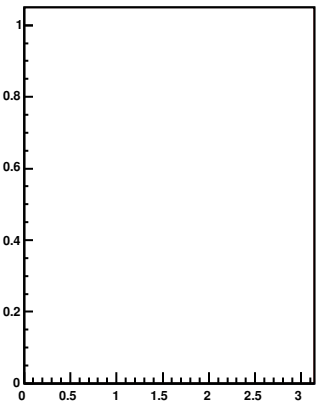
wgamma-CMUP_SCMIO dilDphilike



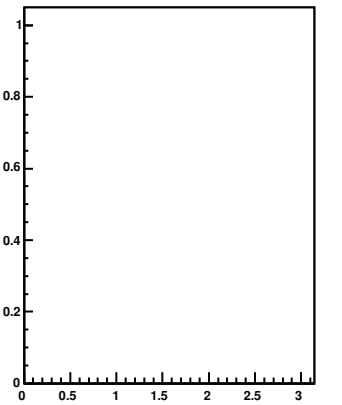
ttbar-CMUP_SCMIO dilDphilike



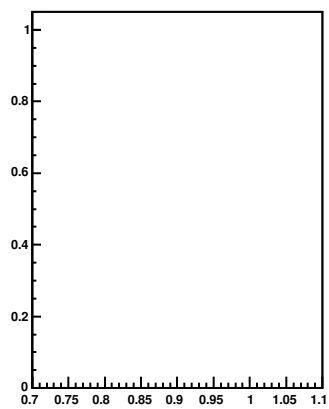
higgsww-CMUP_SCMIO dilDphilike



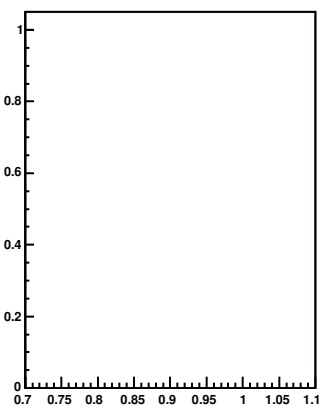
data-CMUP_SCMIO dilDphilike



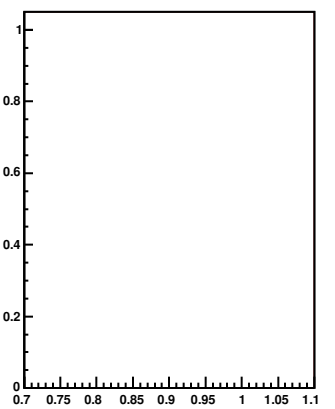
Zee-CMUP_SCMIO rawweight



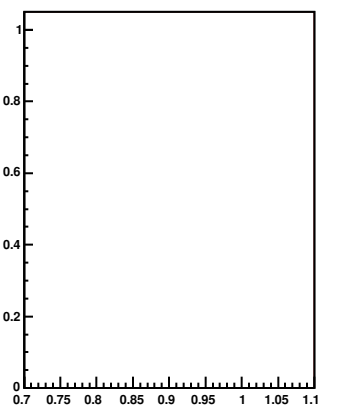
Zmumu-CMUP_SCMIO rawweight



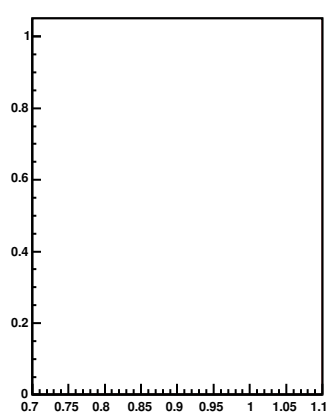
Ztautau-CMUP_SCMIO rawweight



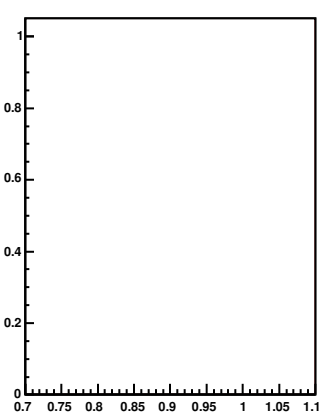
fake-CMUP_SCMIO rawweight



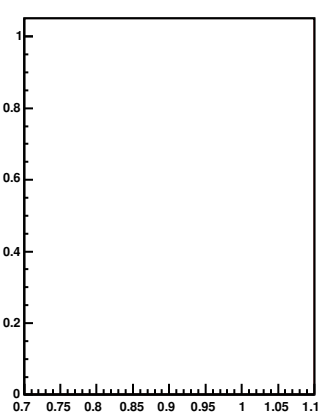
WZ-CMUP_SCMIO rawweight



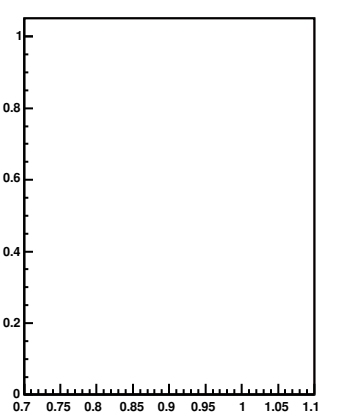
ZZ-CMUP_SCMIO rawweight



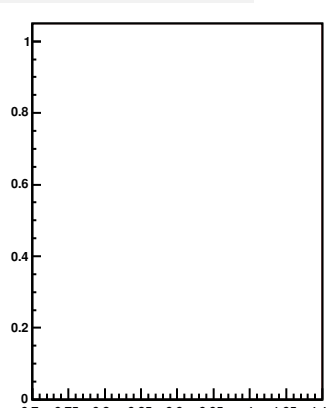
WW-CMUP_SCMIO rawweight



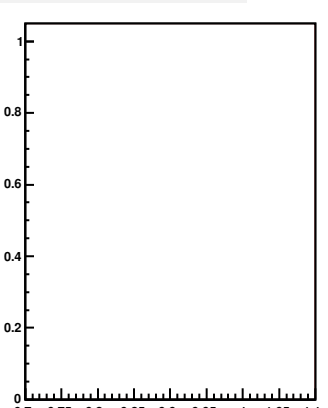
wgamma-CMUP_SCMIO rawweight



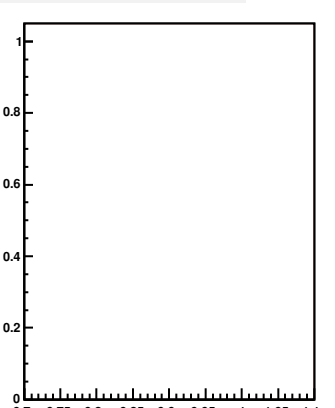
ttbar-CMUP_SCMIO rawweight



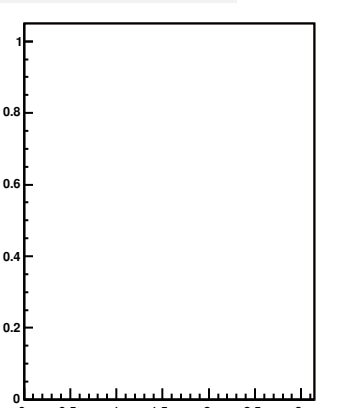
higgsww-CMUP_SCMIO rawweight



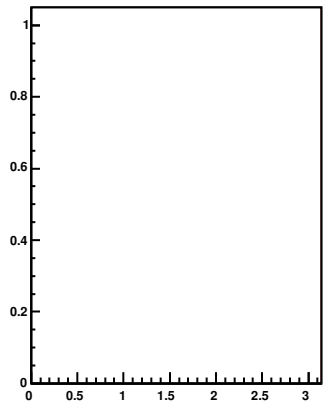
data-CMUP_SCMIO rawweight



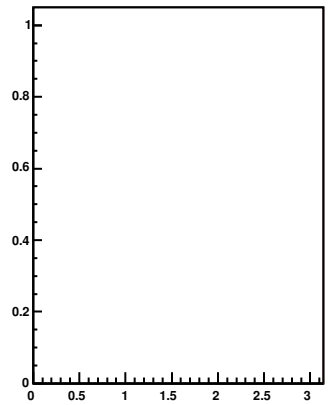
Zee-CMX_SCMIO dilDphilike



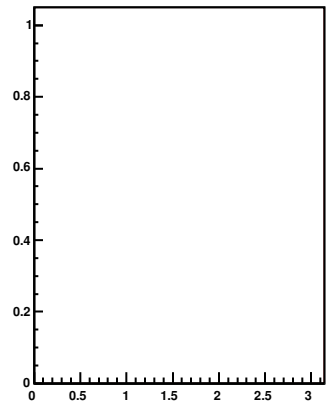
Zmumu-CMX_SCMIO dilDphilike



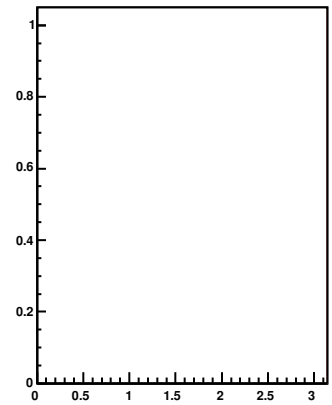
Ztautau-CMX_SCMIO dilDphilike



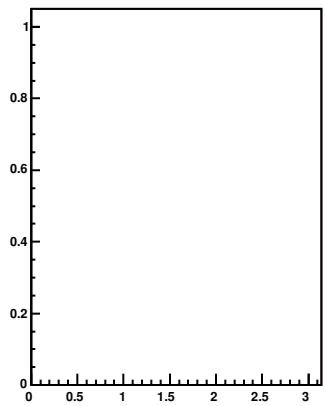
fake-CMX_SCMIO dilDphilike



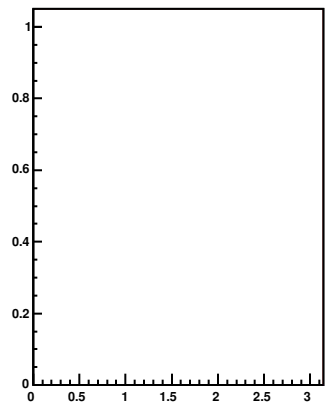
WZ-CMX_SCMIO dilDphilike



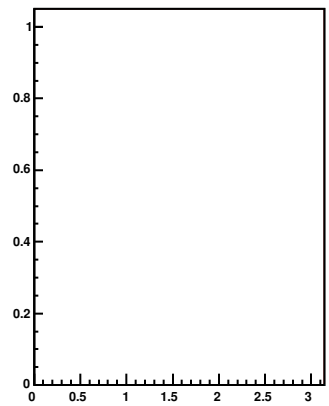
ZZ-CMX_SCMIO dilDphilike



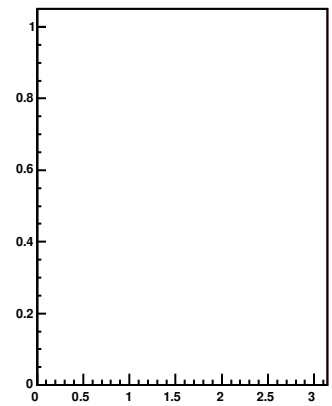
WW-CMX_SCMIO dilDphilike



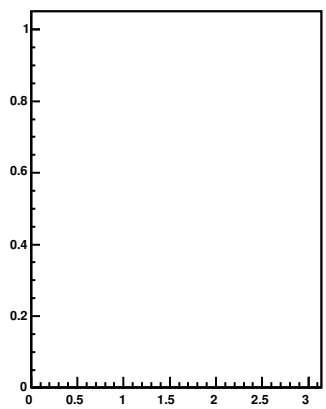
wgamma-CMX_SCMIO dilDphilike



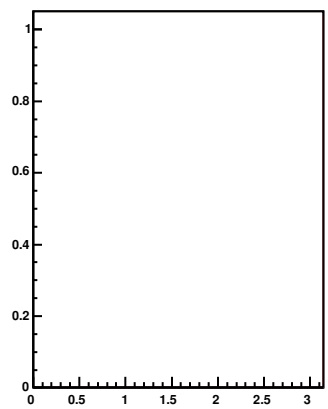
ttbar-CMX_SCMIO dilDphilike



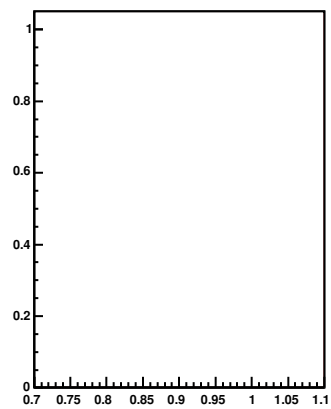
higgsww-CMX_SCMIO dilDphilike



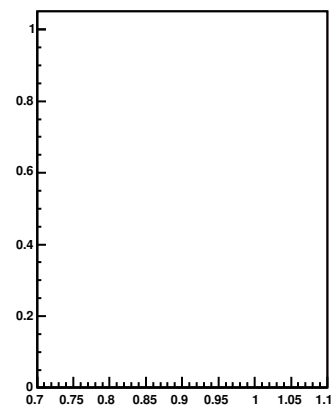
data-CMX_SCMIO dilDphilike



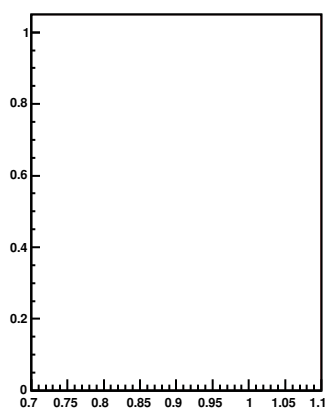
Zee-CMX_SCMIO rawweight



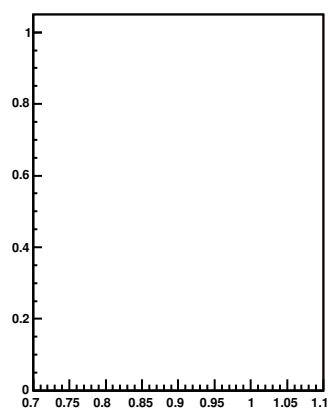
Zmumu-CMX_SCMIO rawweight



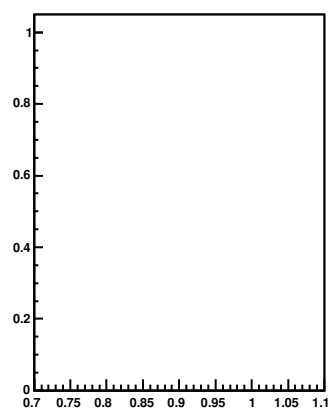
Ztautau-CMX_SCMIO rawweight



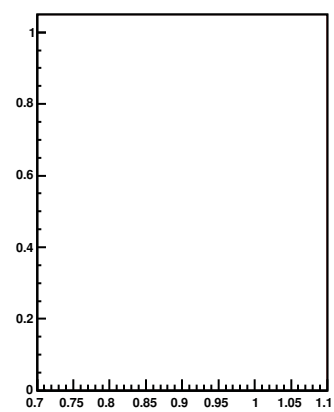
fake-CMX_SCMIO rawweight



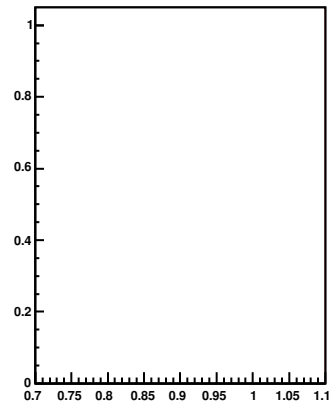
WZ-CMX_SCMIO rawweight



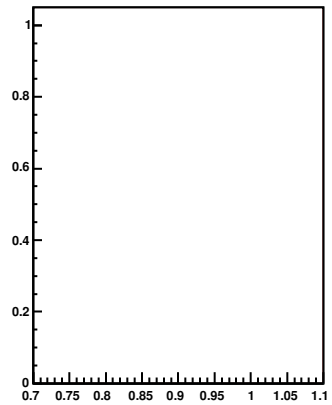
ZZ-CMX_SCMIO rawweight



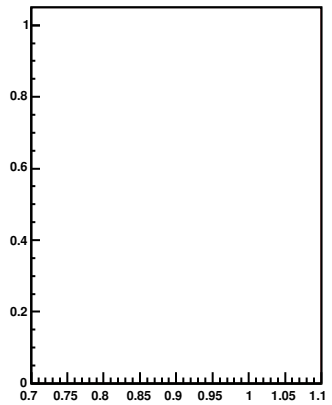
WW-CMX_SCMIO rawweight



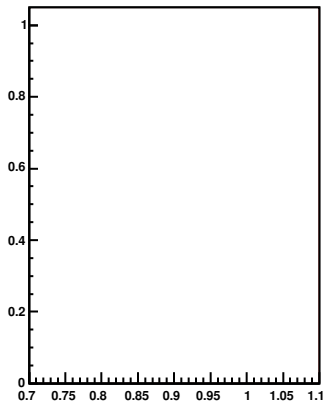
wgamma-CMX_SCMIO rawweight



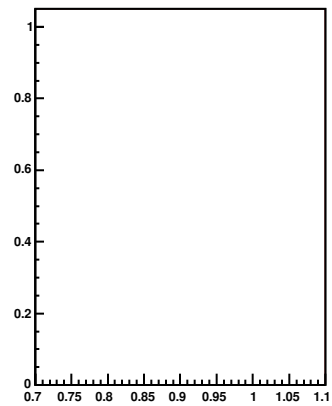
ttbar-CMX_SCMIO rawweight



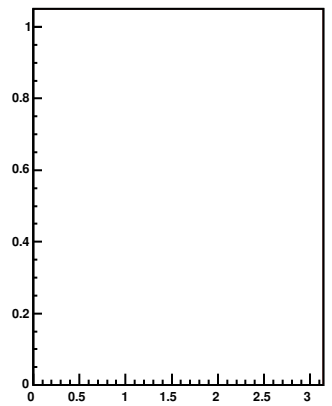
higgsww-CMX_SCMIO rawweight



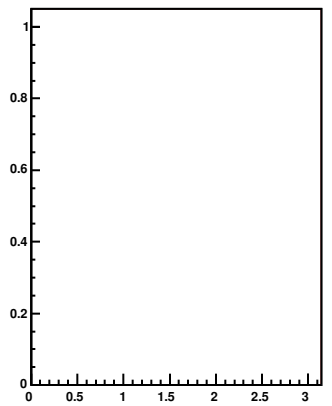
data-CMX_SCMIO rawweight



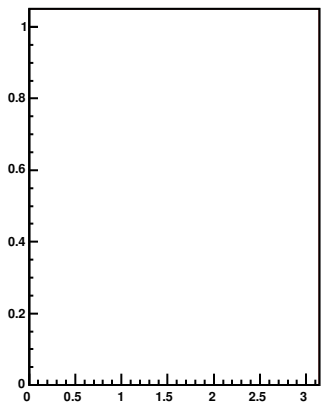
Zee-BMU_SCMIO dilDphilike



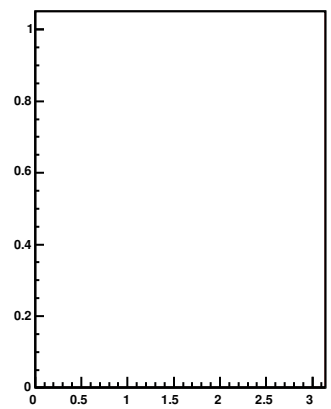
Zmumu-BMU_SCMIO dilDphilike



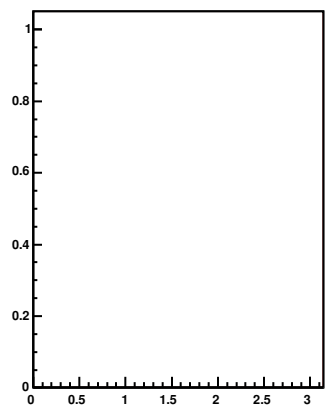
Ztautau-BMU_SCMIO dilDphilike



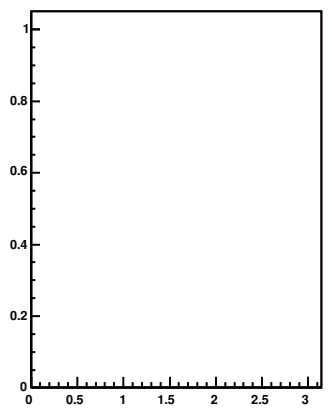
fake-BMU_SCMIO dilDphilike



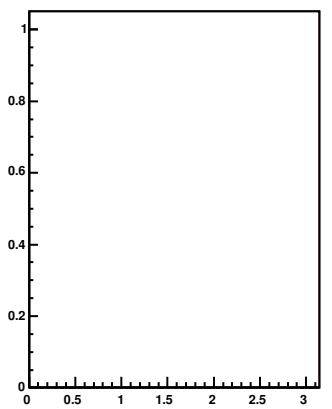
WZ-BMU_SCMIO dilDphilike



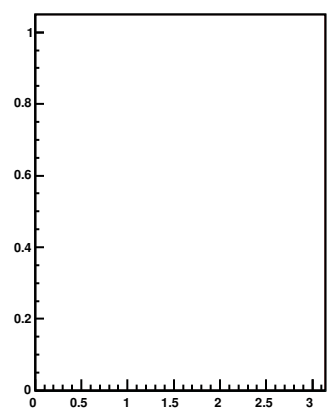
ZZ-BMU_SCMIO dilDphilike



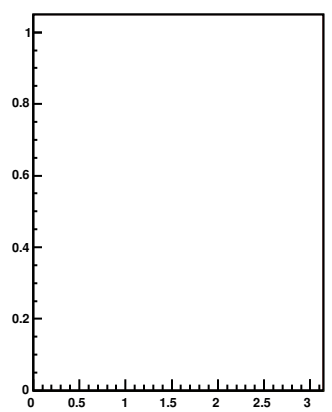
WW-BMU_SCMIO dilDphilike



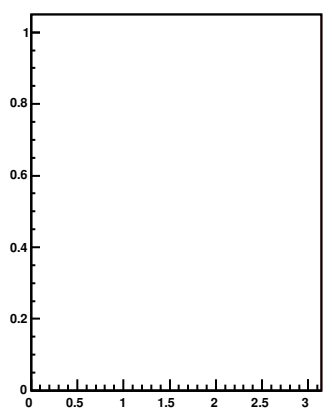
wgamma-BMU_SCMIO dilDphilike



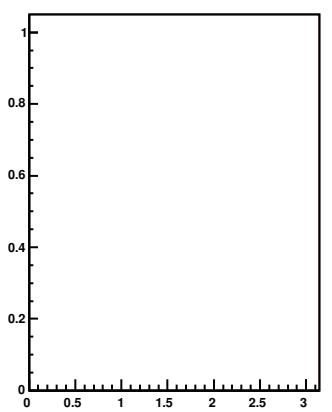
ttbar-BMU_SCMIO dilDphilike



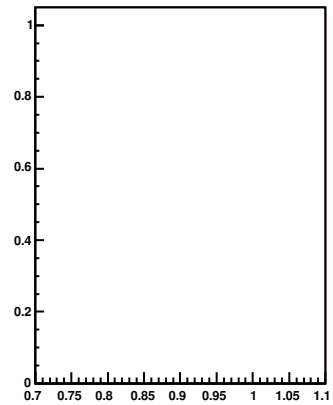
higgsww-BMU_SCMIO dilDphilike



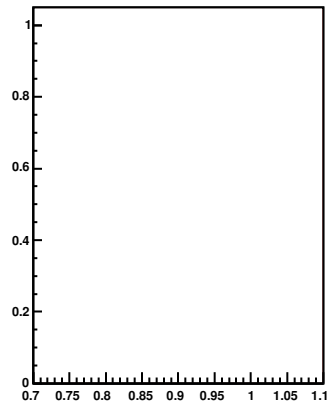
data-BMU_SCMIO dilDphilike



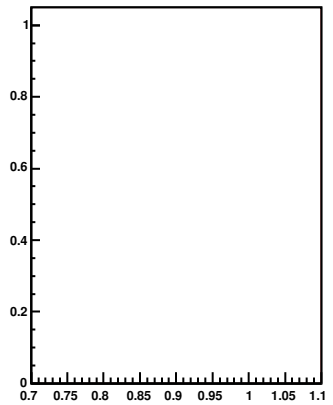
Zee-BMU_SCMIO rawweight



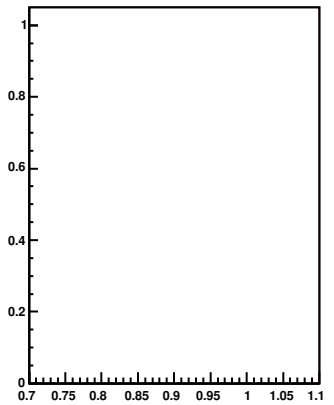
Zmumu-BMU_SCMIO rawweight



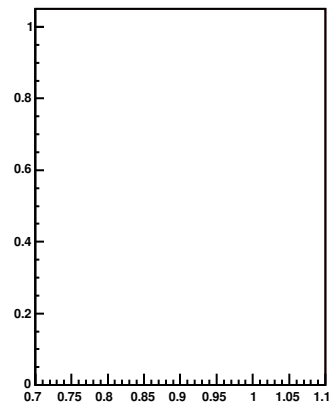
Ztautau-BMU_SCMIO rawweight



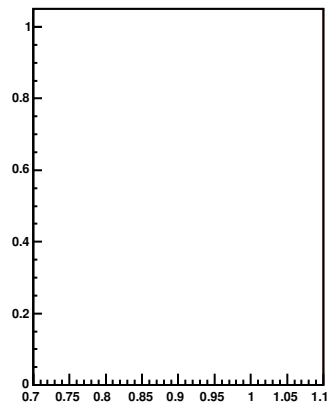
fake-BMU_SCMIO rawweight



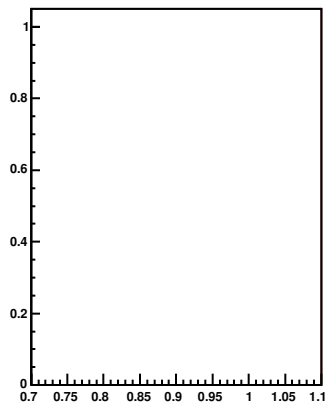
WZ-BMU_SCMIO rawweight



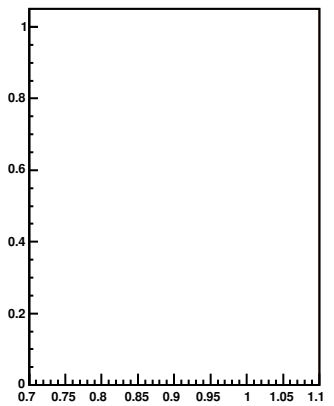
ZZ-BMU_SCMIO rawweight



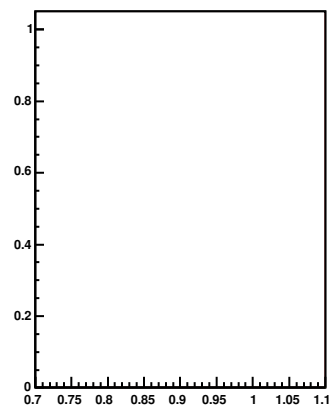
WW-BMU_SCMIO rawweight



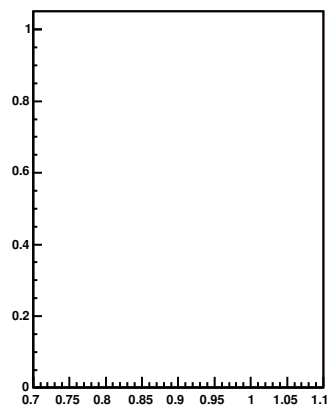
wgamma-BMU_SCMIO rawweight



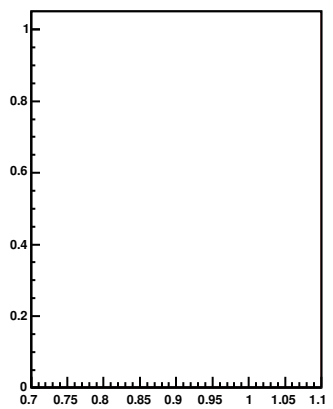
ttbar-BMU_SCMIO rawweight



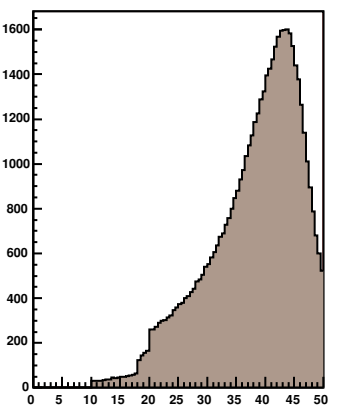
higgsww-BMU_SCMIO rawweight



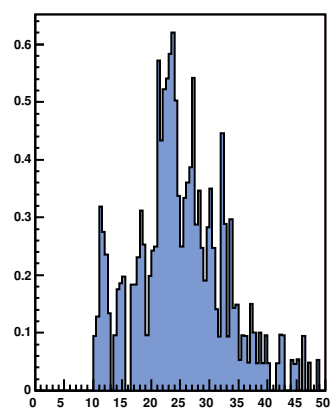
data-BMU_SCMIO rawweight



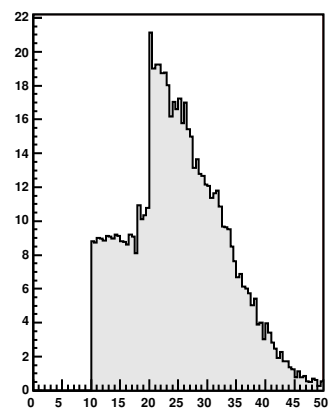
Zee-TCE leptonET



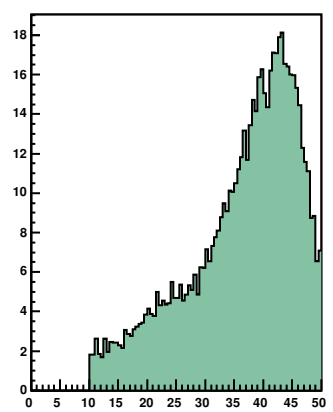
Zmumu-TCE leptonET



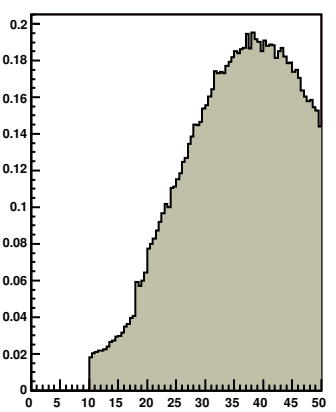
Ztautau-TCE leptonET



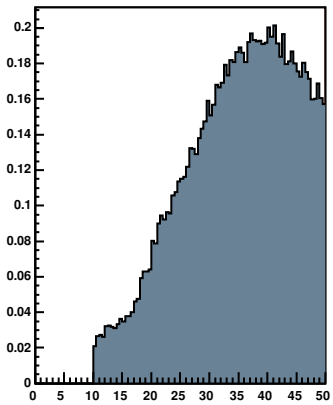
fake-TCE leptonET



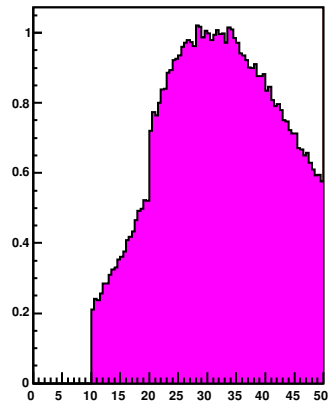
WZ-TCE leptonET



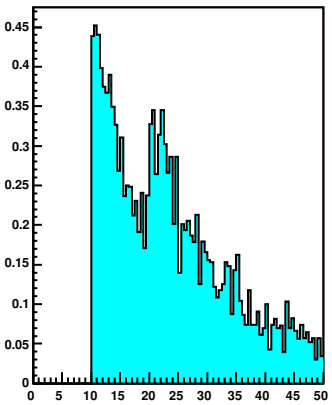
ZZ-TCE leptonET



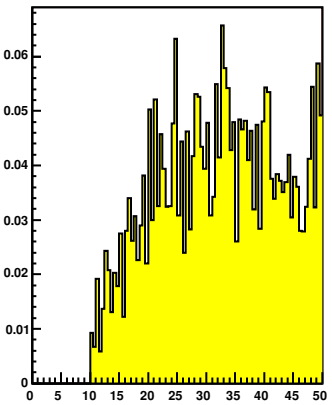
WW-TCE leptonET



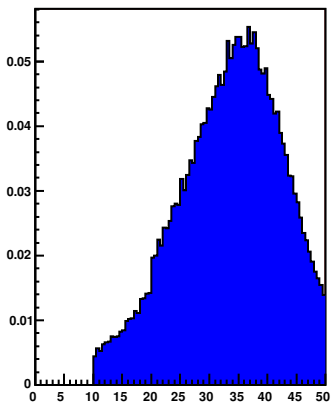
wgamma-TCE leptonET



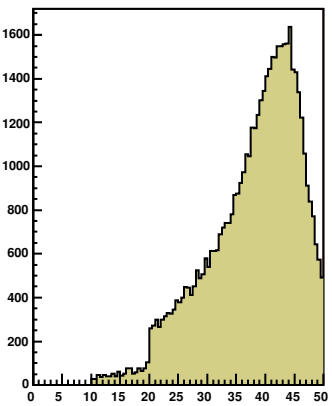
ttbar-TCE leptonET



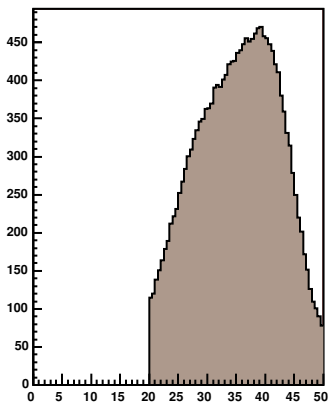
higgsww-TCE leptonET



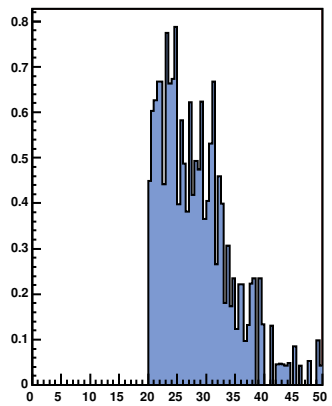
data-TCE leptonET



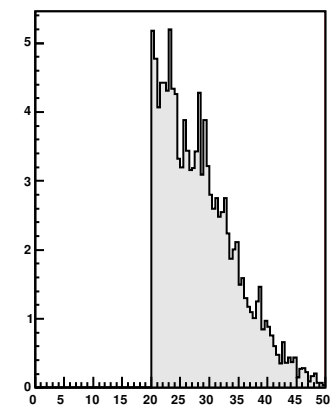
Zee-PHX leptonET



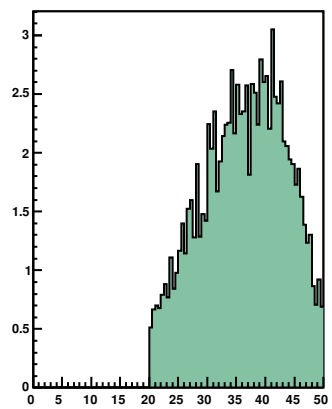
Zmumu-PHX leptonET



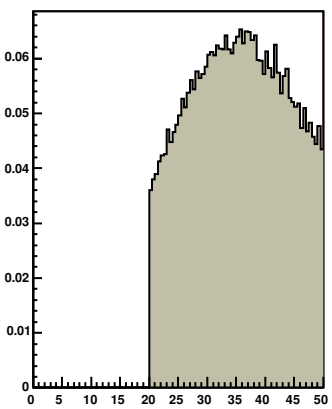
Ztautau-PHX leptonET



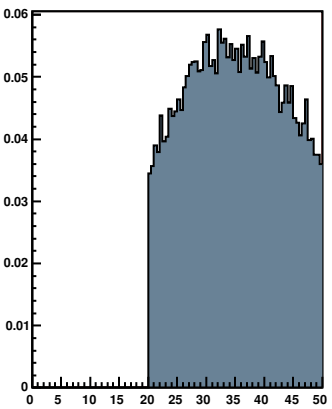
fake-PHX leptonET



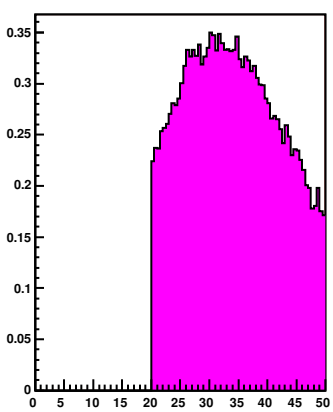
WZ-PHX leptonET



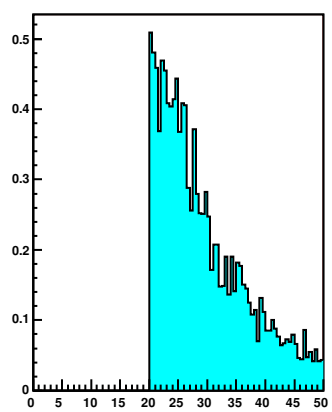
ZZ-PHX leptonET



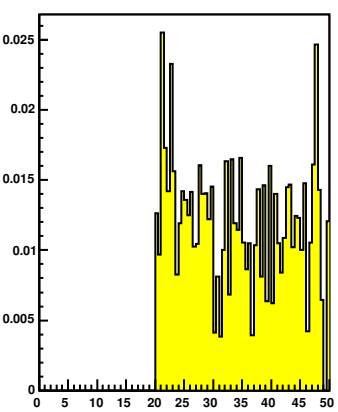
WW-PHX leptonET



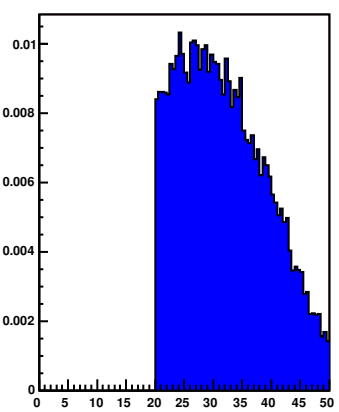
wgamma-PHX leptonET



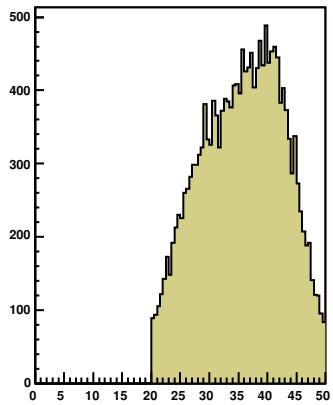
ttbar-PHX leptonET



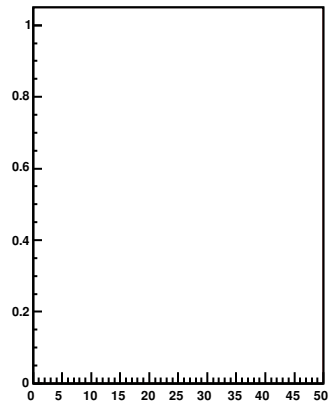
higgsww-PHX leptonET



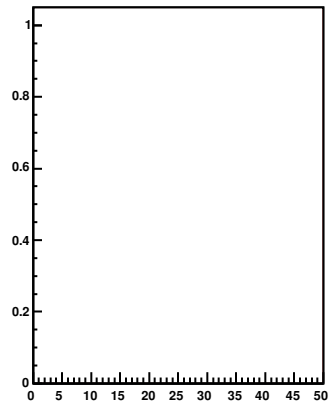
data-PHX leptonET



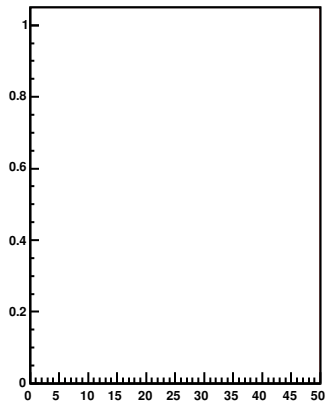
Zee-PEM leptonET



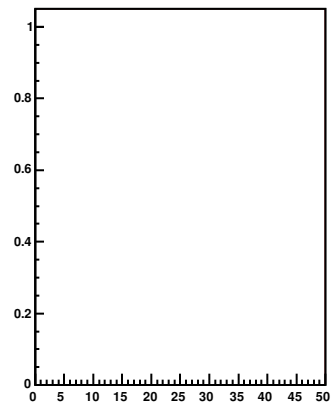
Zmumu-PEM leptonET



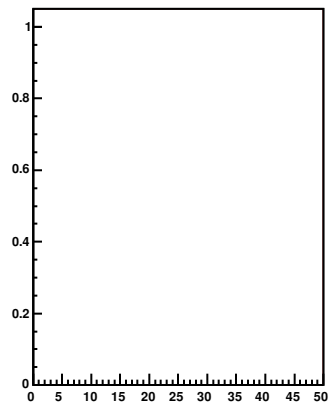
Ztautau-PEM leptonET



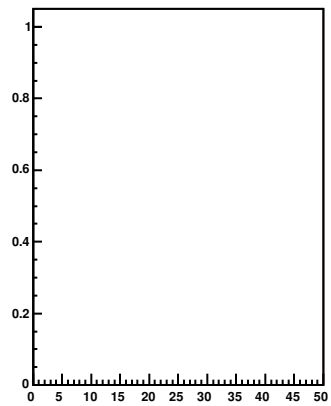
fake-PEM leptonET



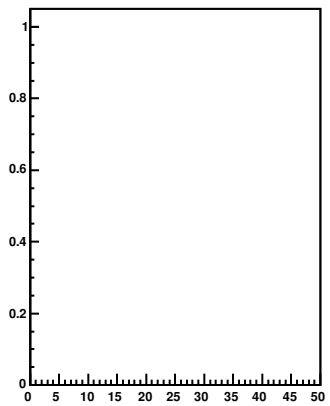
WZ-PEM leptonET



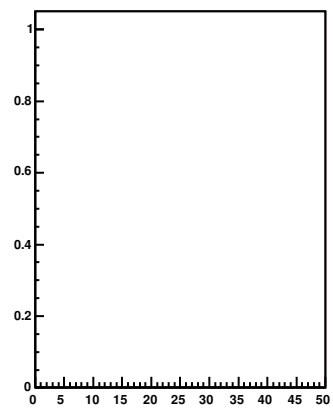
ZZ-PEM leptonET



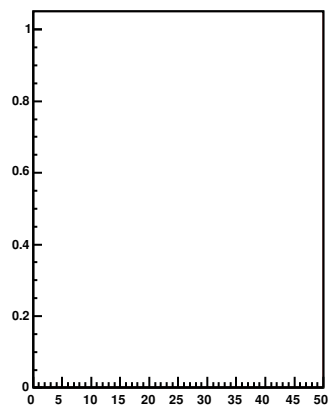
WW-PEM leptonET



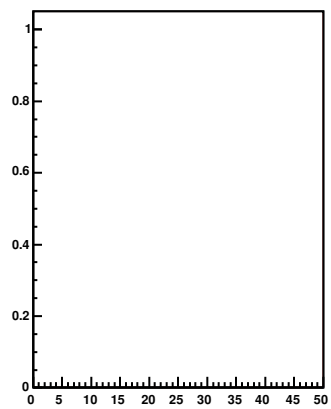
wgamma-PEM leptonET



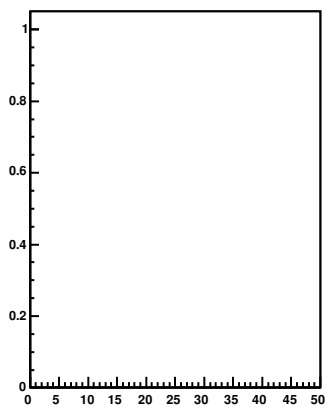
ttbar-PEM leptonET



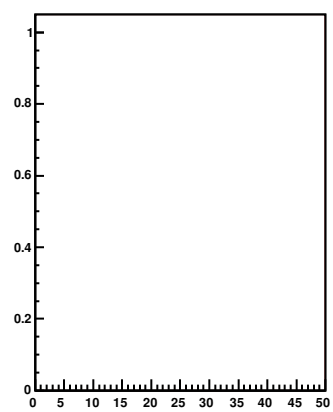
higgsww-PEM leptonET



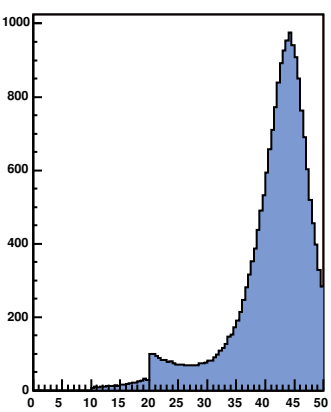
data-PEM leptonET



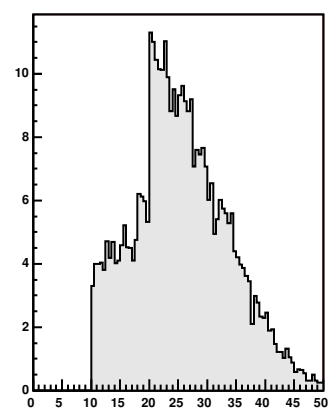
Zee-CMUP leptonET



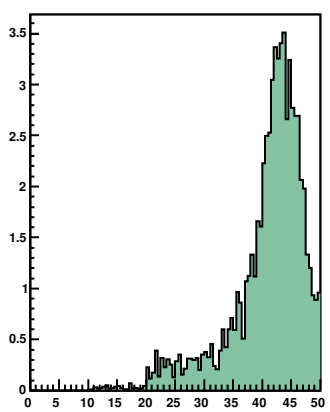
Zmumu-CMUP leptonET



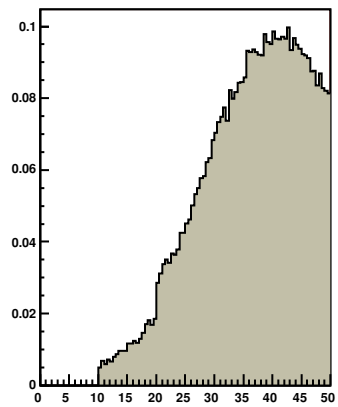
Ztautau-CMUP leptonET



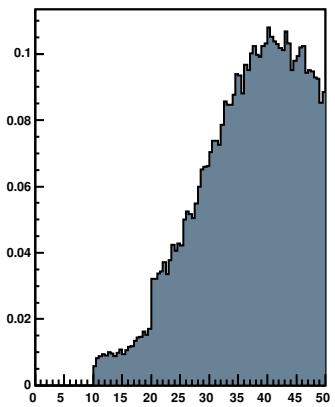
fake-CMUP leptonET



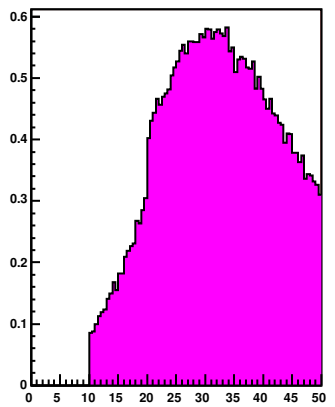
WZ-CMUP leptonET



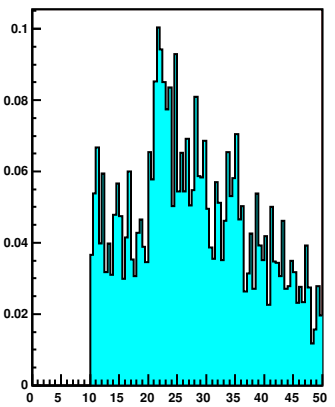
ZZ-CMUP leptonET



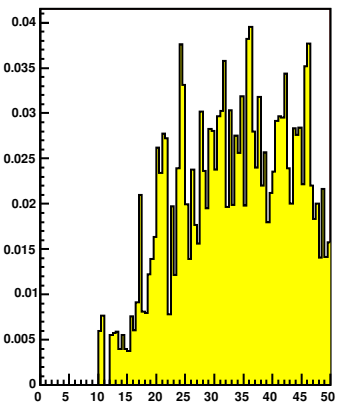
WW-CMUP leptonET



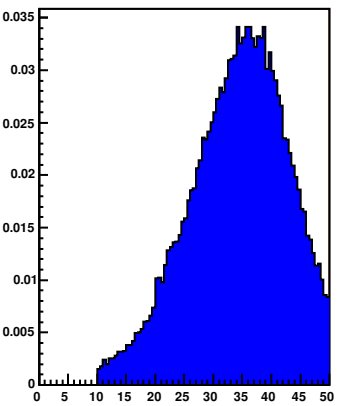
wgamma-CMUP leptonET



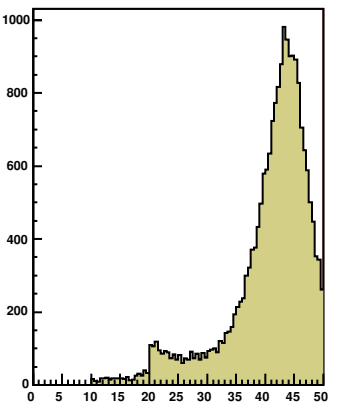
ttbar-CMUP leptonET



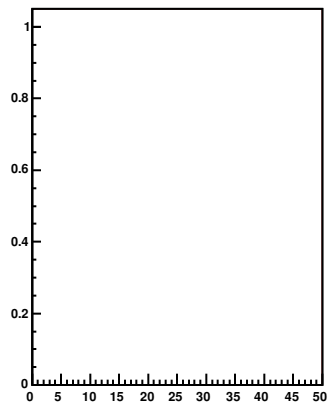
higgsww-CMUP leptonET



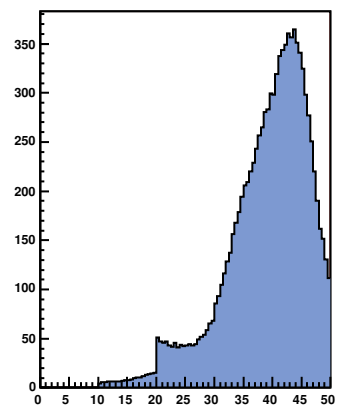
data-CMUP leptonET



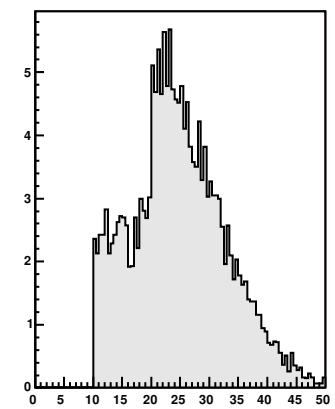
Zee-CMX leptonET



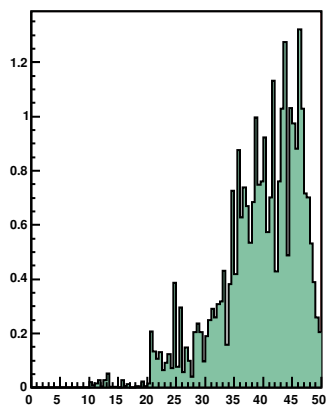
Zmumu-CMX leptonET



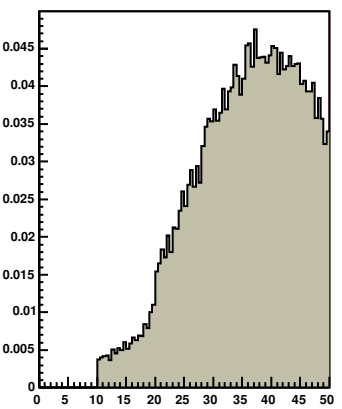
Ztautau-CMX leptonET



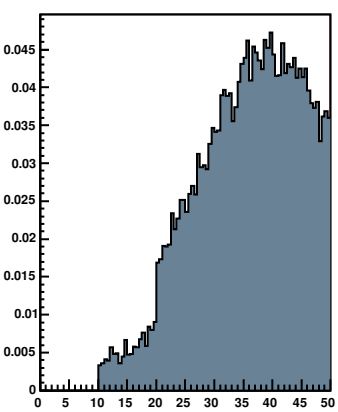
fake-CMX leptonET



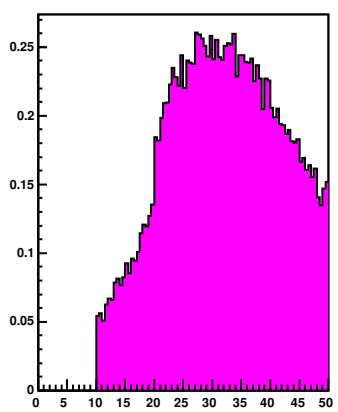
WZ-CMX leptonET



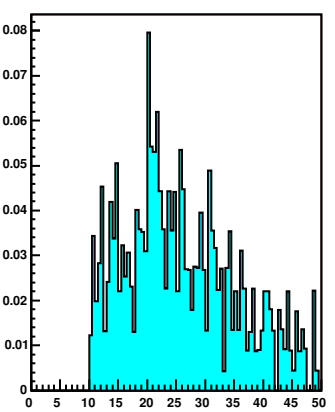
ZZ-CMX leptonET



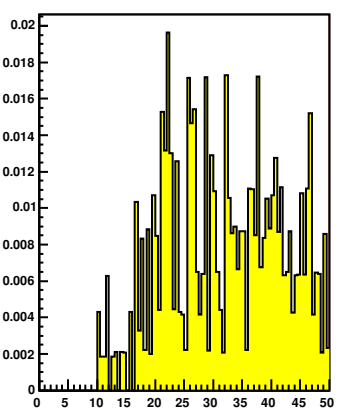
WW-CMX leptonET



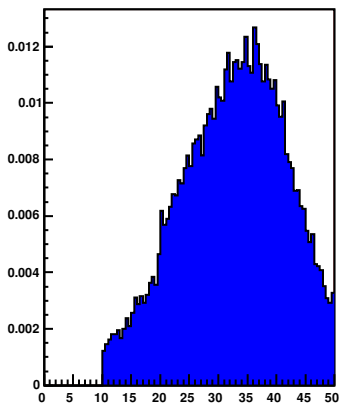
wgamma-CMX leptonET



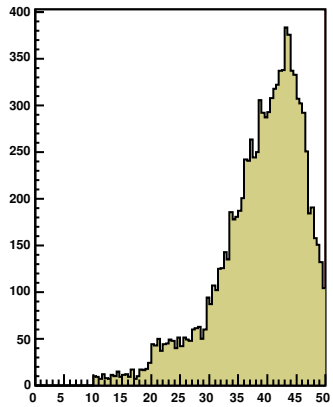
ttbar-CMX leptonET



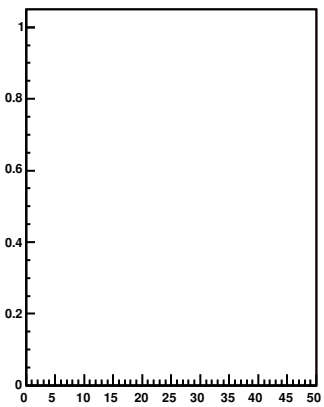
higgsww-CMX leptonET



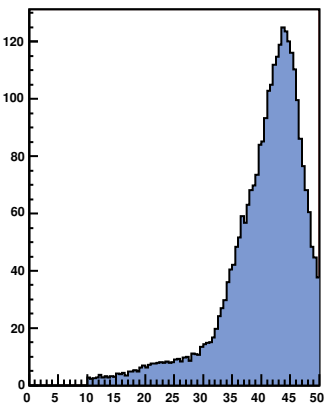
data-CMX leptonET



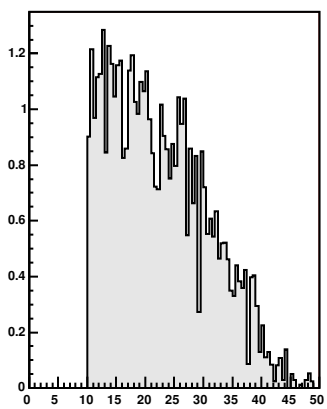
Zee-CMU leptonET



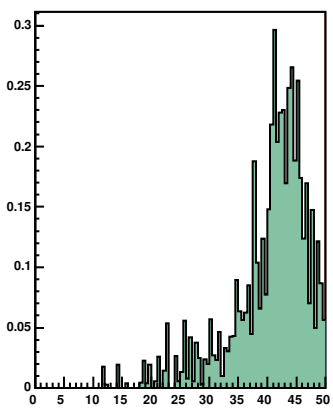
Zmumu-CMU leptonET



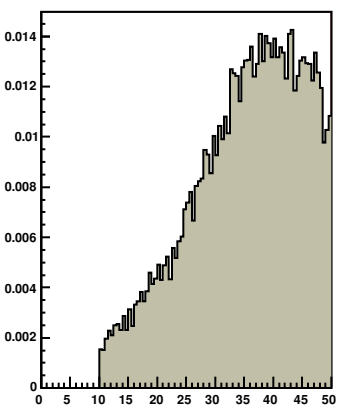
Ztautau-CMU leptonET



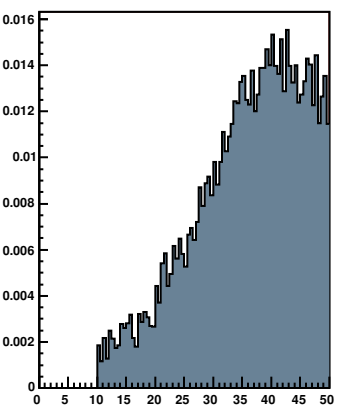
fake-CMU leptonET



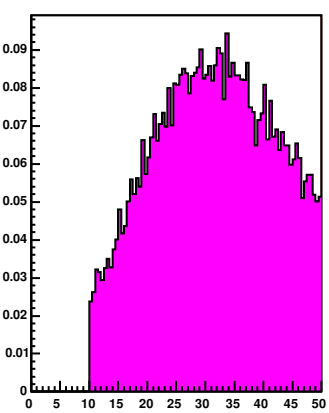
WZ-CMU leptonET



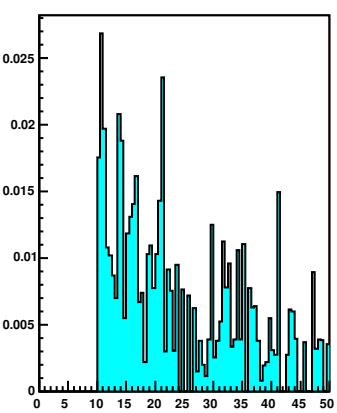
ZZ-CMU leptonET



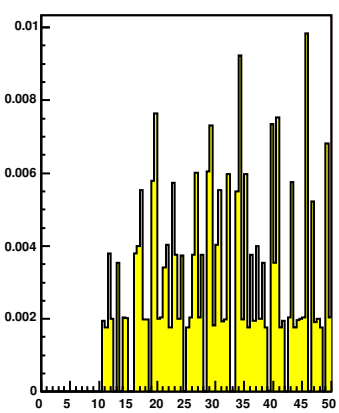
WW-CMU leptonET



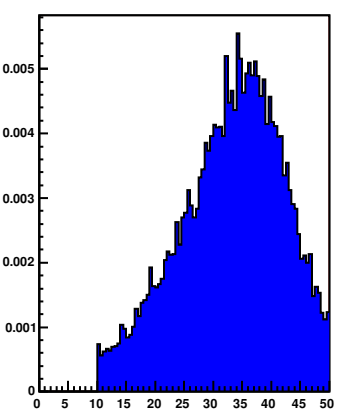
wgamma-CMU leptonET



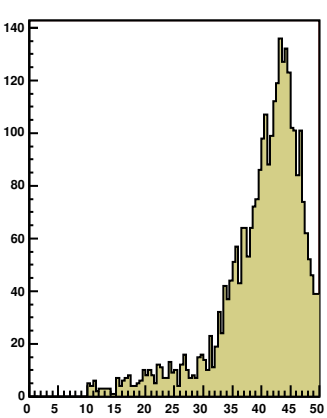
ttbar-CMU leptonET



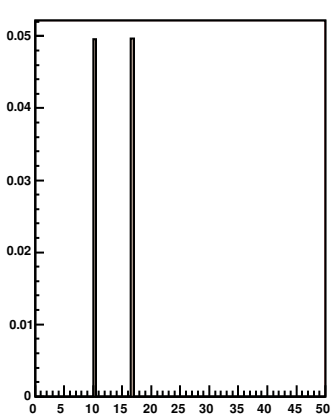
higgsww-CMU leptonET



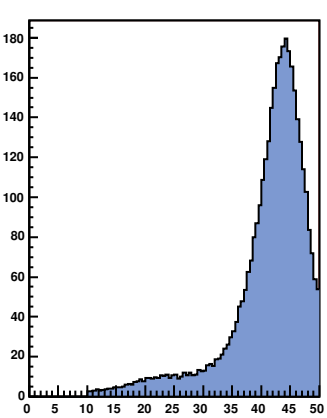
data-CMU leptonET



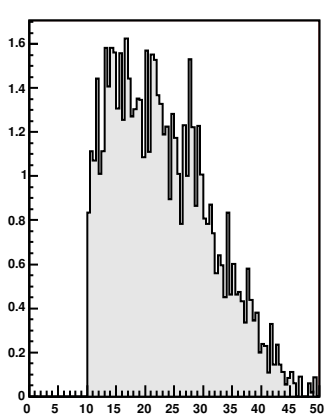
Zee-CMP leptonET



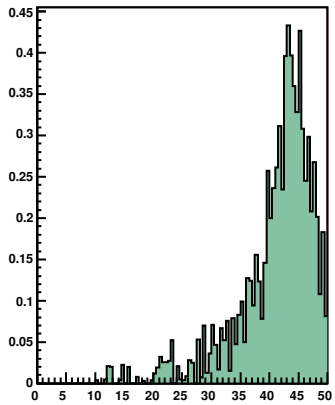
Zmumu-CMP leptonET



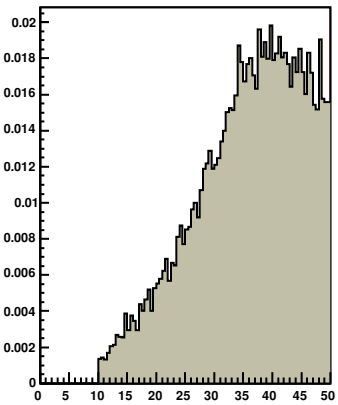
Ztautau-CMP leptonET



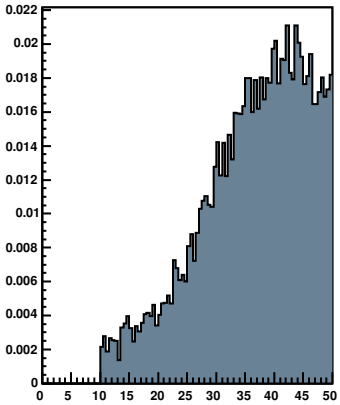
fake-CMP leptonET



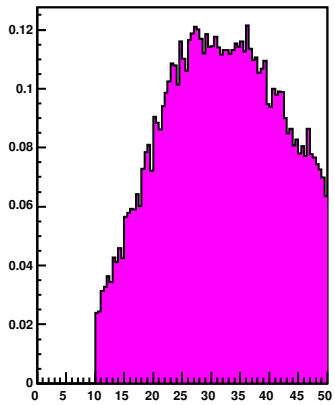
WZ-CMP leptonET



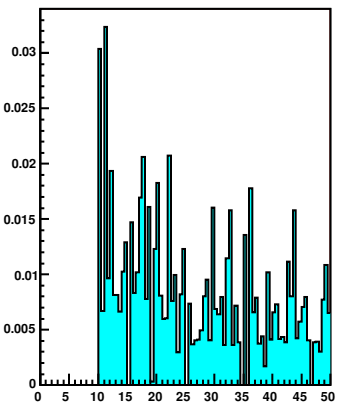
ZZ-CMP leptonET



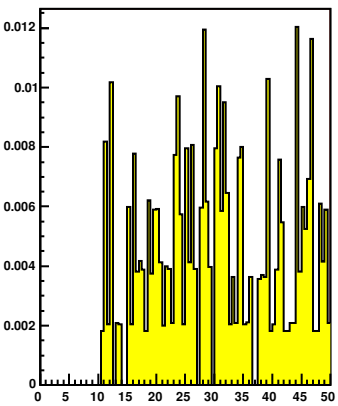
WW-CMP leptonET



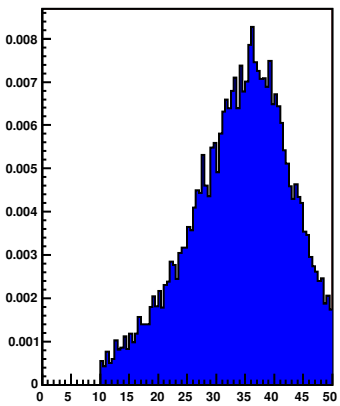
wgamma-CMP leptonET



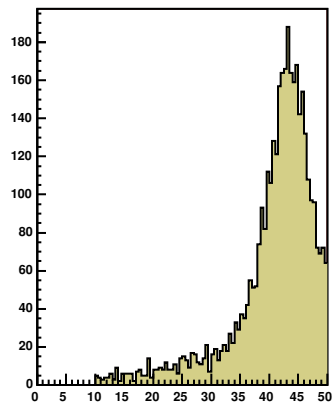
ttbar-CMP leptonET



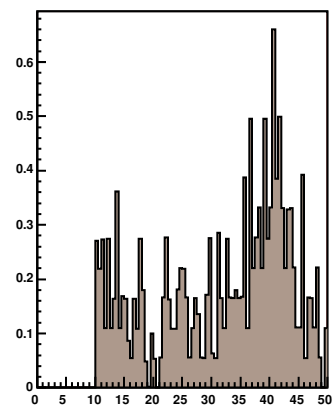
higgsww-CMP leptonET



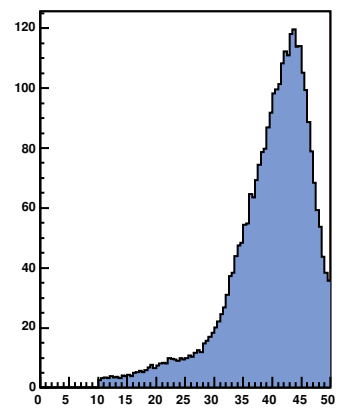
data-CMP leptonET



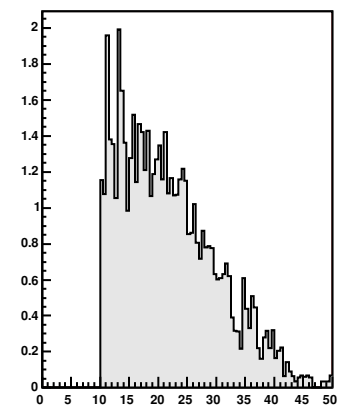
Zee-CMIO leptonET



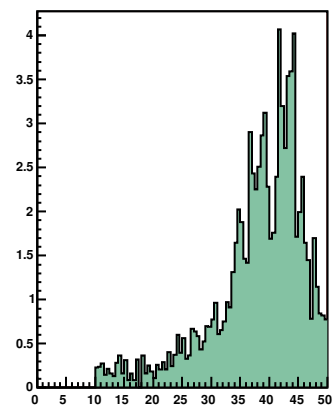
Zmumu-CMIO leptonET



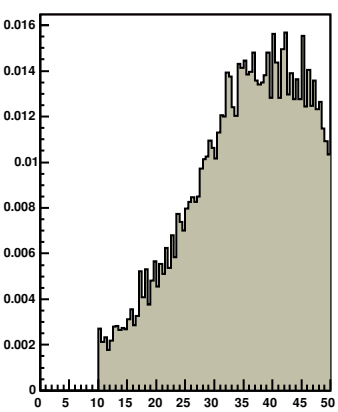
Ztautau-CMIO leptonET



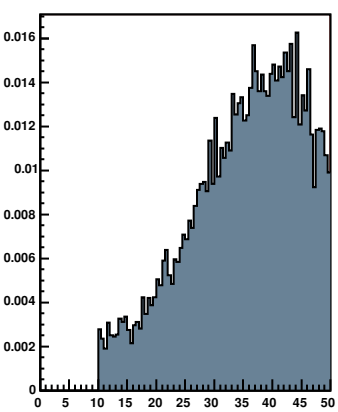
fake-CMIO leptonET



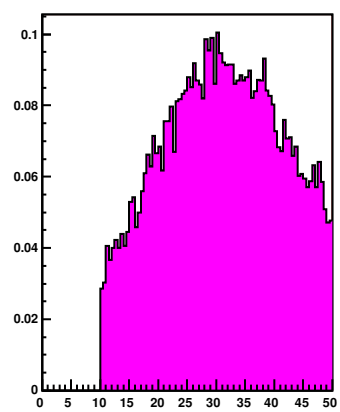
WZ-CMIO leptonET



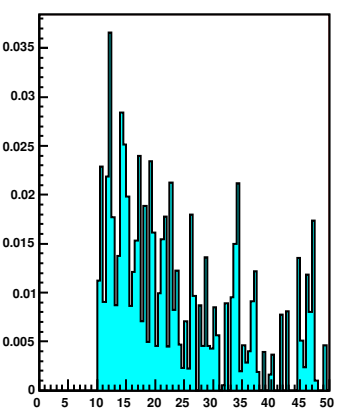
ZZ-CMIO leptonET



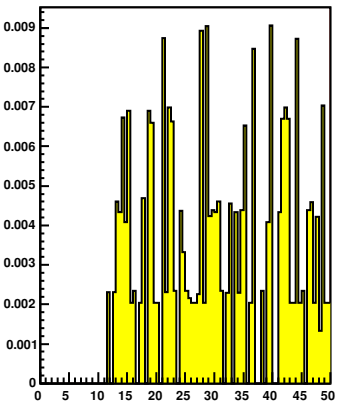
WW-CMIO leptonET



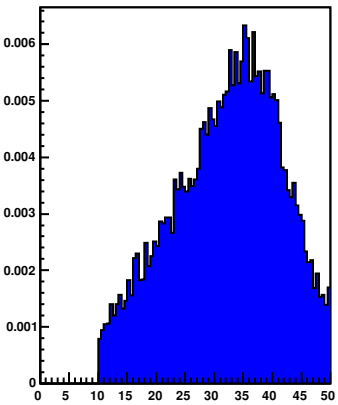
wgamma-CMIO leptonET



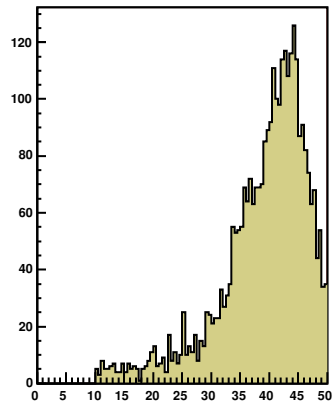
ttbar-CMIO leptonET



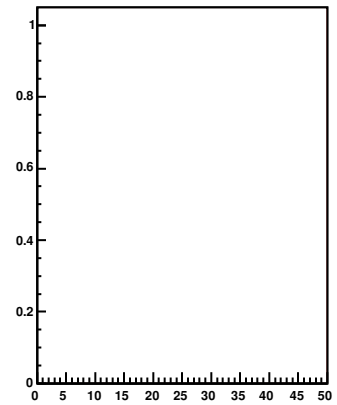
higgsww-CMIO leptonET



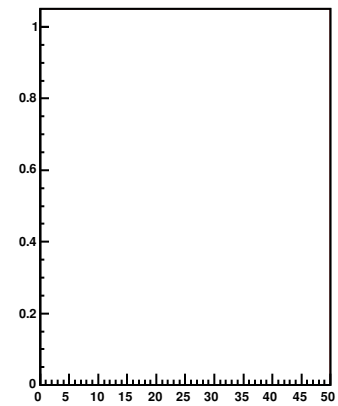
data-CMIO leptonET



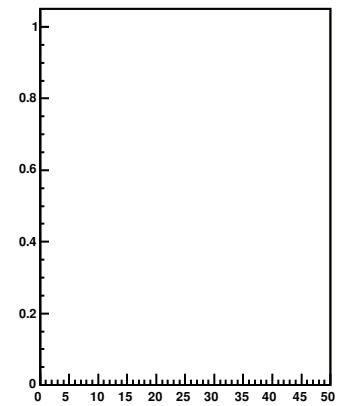
Zee-BMU leptonET



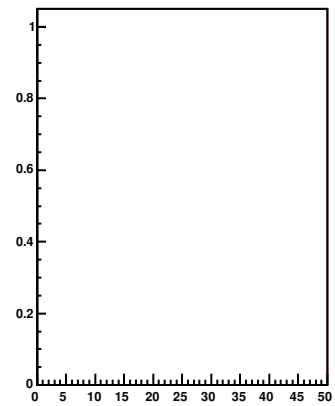
Zmumu-BMU leptonET



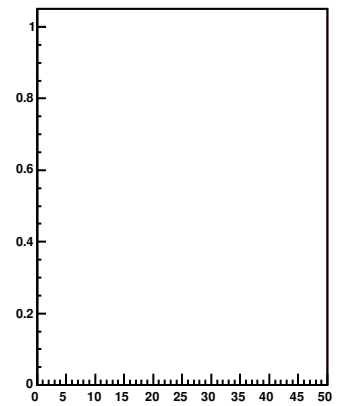
Ztautau-BMU leptonET



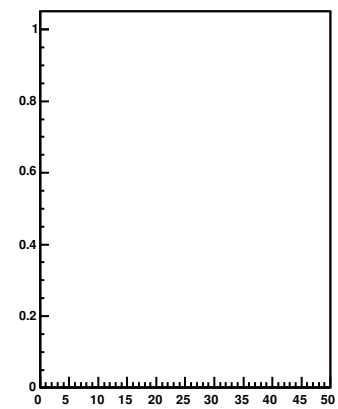
fake-BMU leptonET



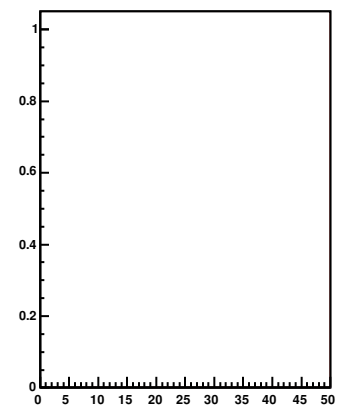
WZ-BMU leptonET



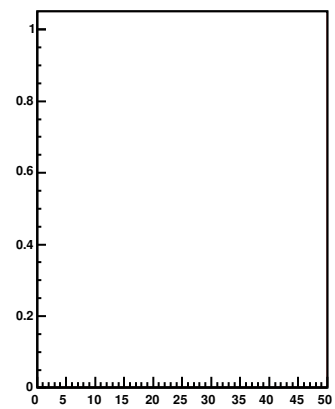
ZZ-BMU leptonET



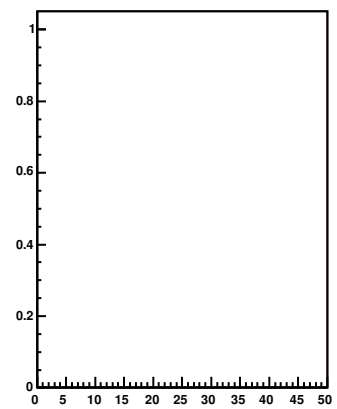
WW-BMU leptonET



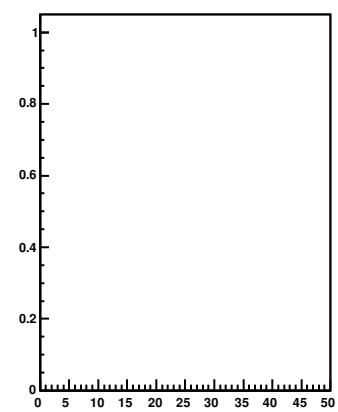
wgamma-BMU leptonET



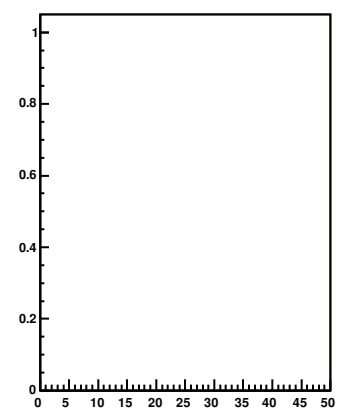
ttbar-BMU leptonET



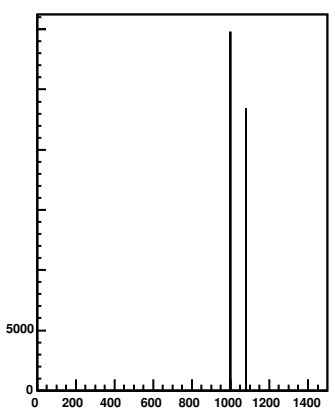
higgsww-BMU leptonET



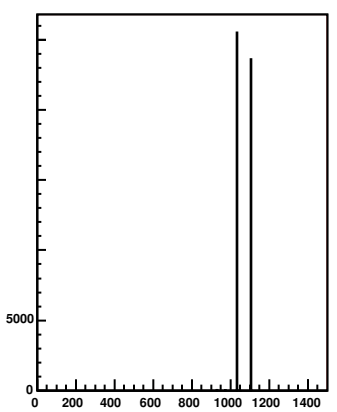
data-BMU leptonET



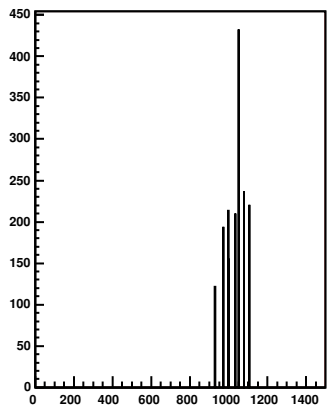
Zee-luminosity



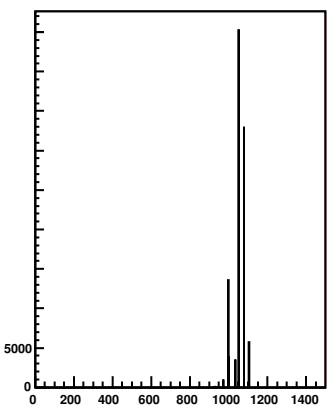
Zmumu-luminosity



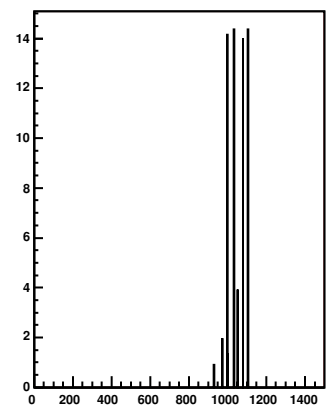
Ztautau-luminosity



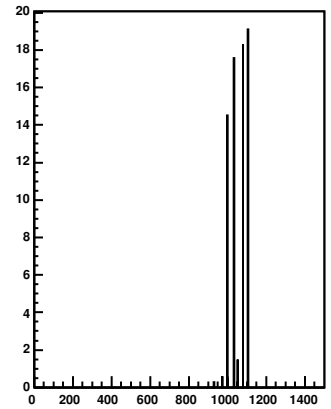
fake-luminosity



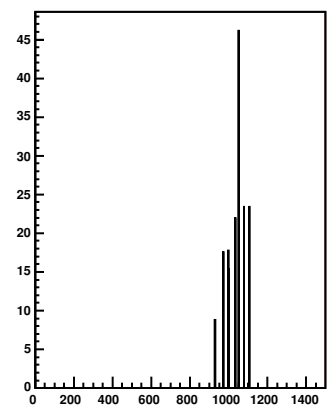
WZ-luminosity



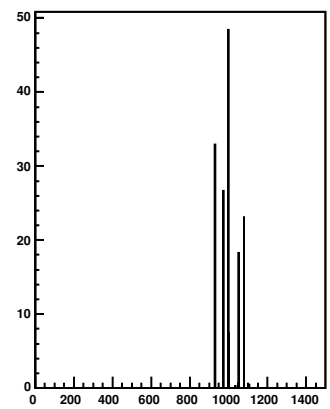
ZZ-luminosity



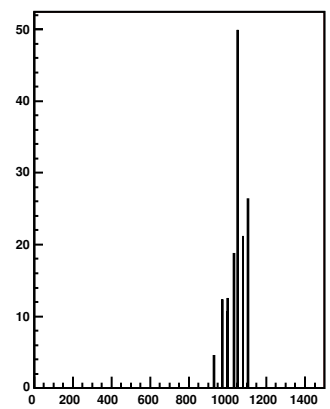
WW-luminosity



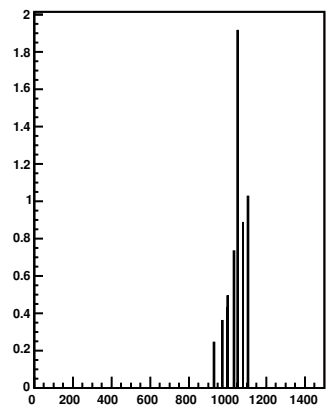
wgamma-luminosity



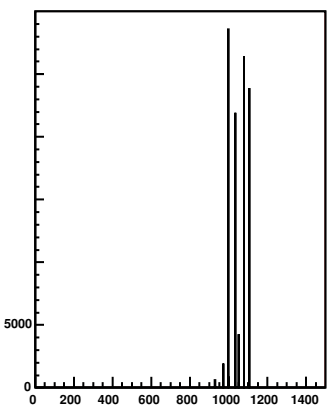
ttbar-luminosity



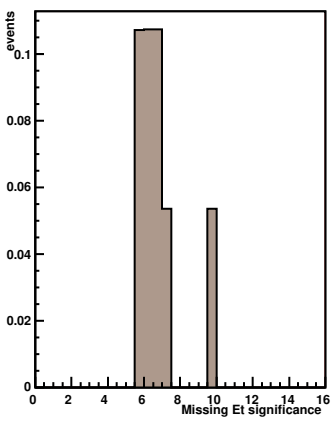
higgsww-luminosity



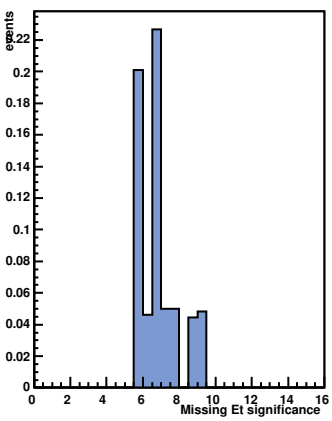
data-luminosity



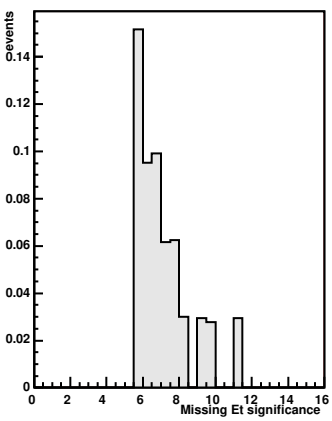
Zee-WW missing Et significance



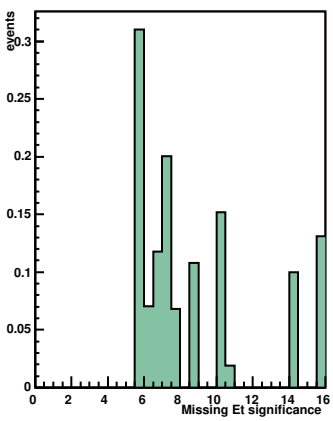
Zmumu-WW missing Et significance



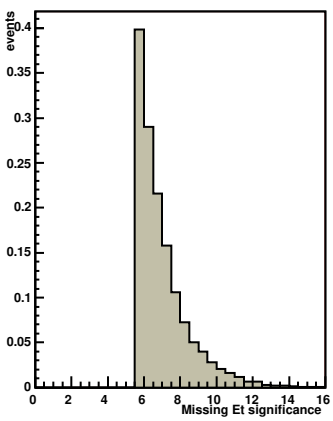
Ztautau-WW missing Et significance



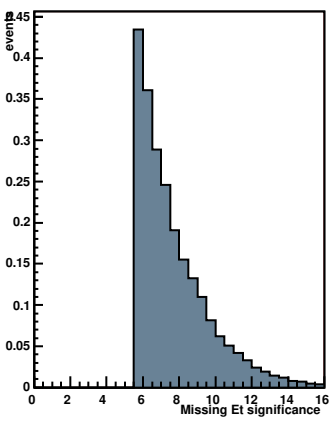
fake-WW missing Et significance



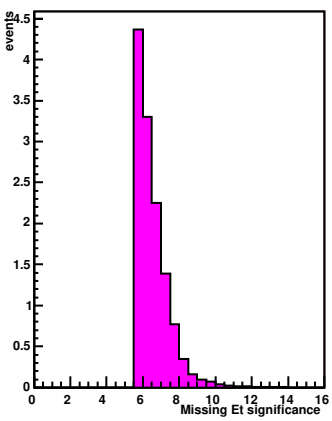
WZ-WW missing Et significance



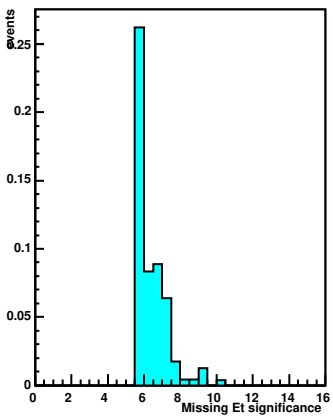
ZZ-WW missing Et significance



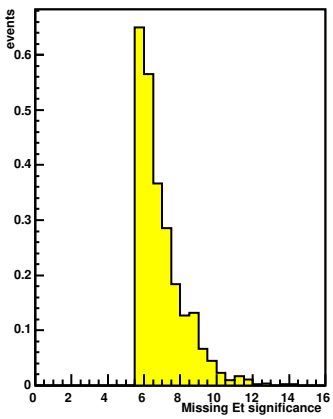
WW-WW missing Et significance



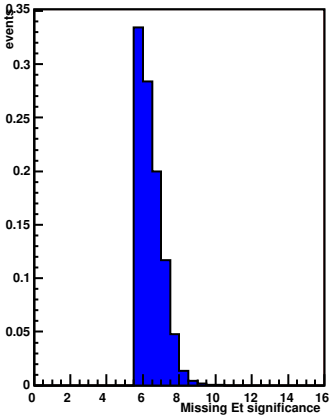
wgamma-WW missing Et significance



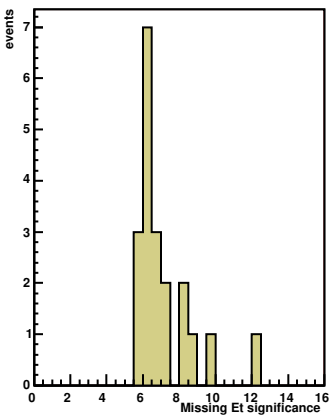
ttbar-WW missing Et significance



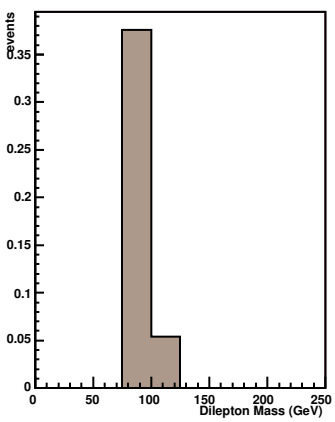
higgsww-WW missing Et significance



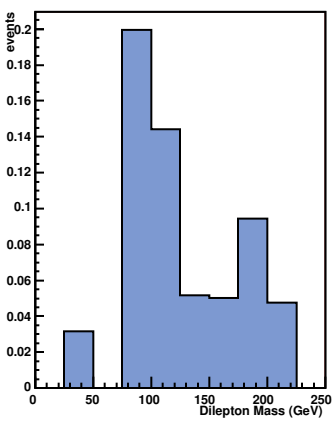
data-WW missing Et significance



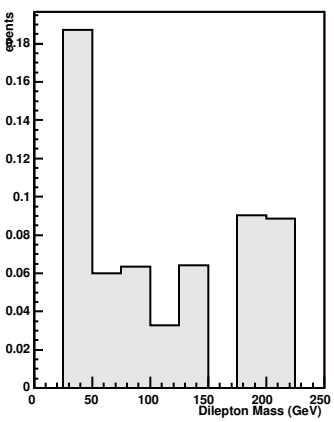
Zee-WW dilepton mass



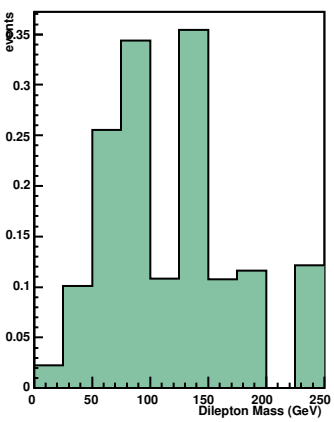
Zmumu-WW dilepton mass



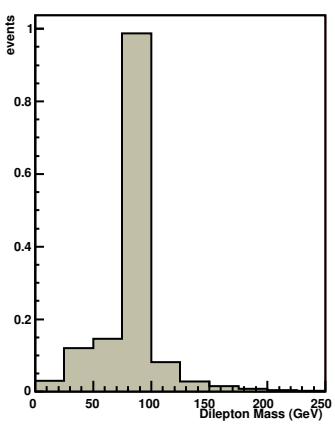
Ztautau-WW dilepton mass



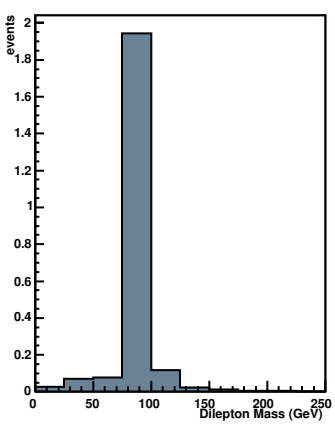
fake-WW dilepton mass



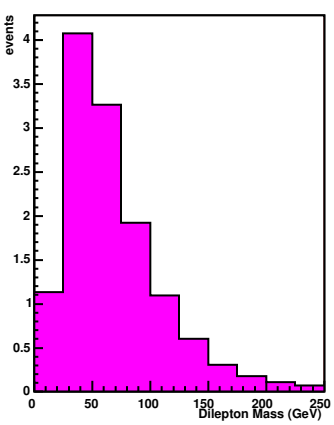
WZ-WW dilepton mass



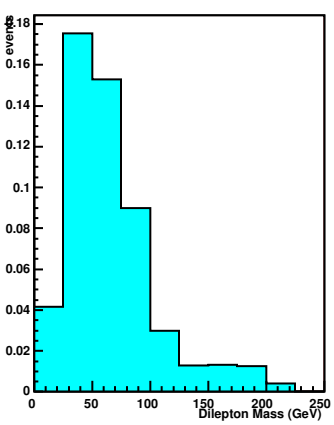
ZZ-WW dilepton mass



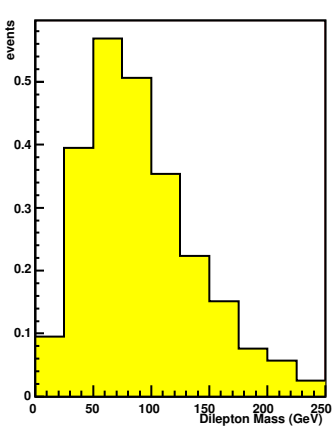
WW-WW dilepton mass



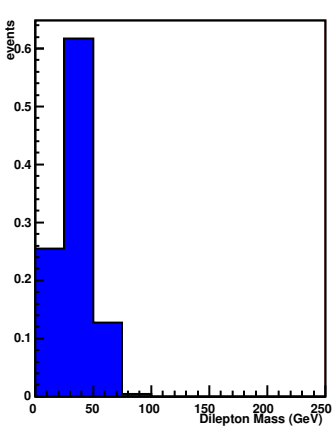
wgamma-WW dilepton mass



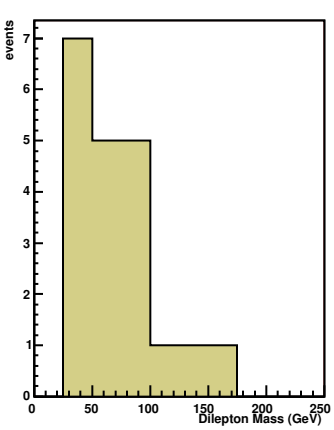
ttbar-WW dilepton mass



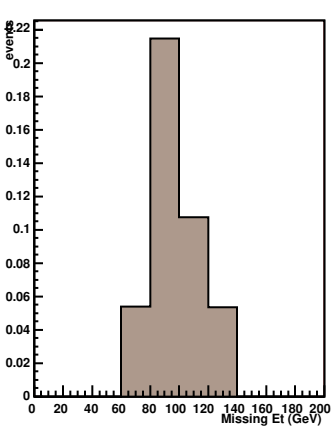
higgsww-WW dilepton mass



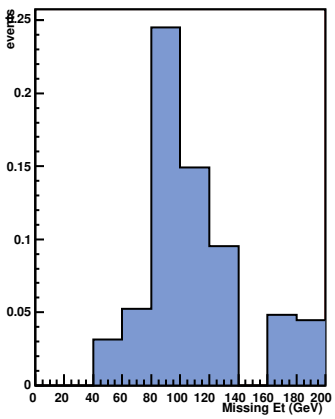
data-WW dilepton mass



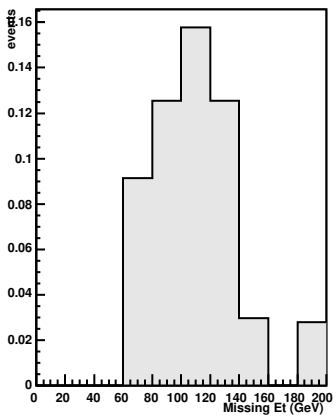
Zee-WW missing Et



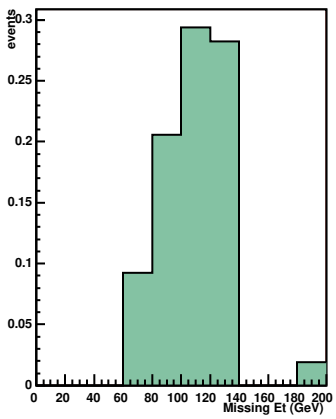
Zmumu-WW missing Et



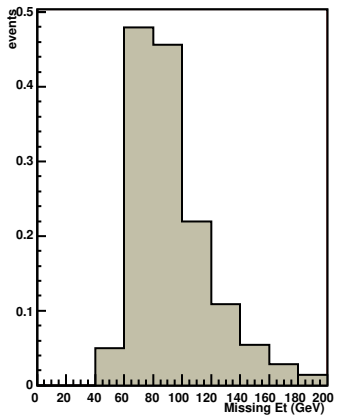
Ztautau-WW missing Et



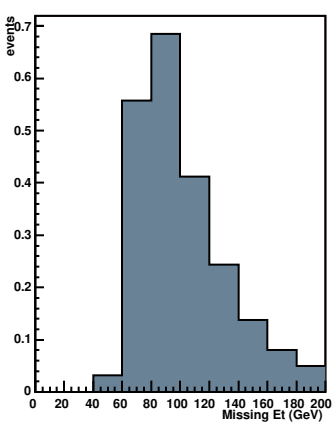
fake-WW missing Et



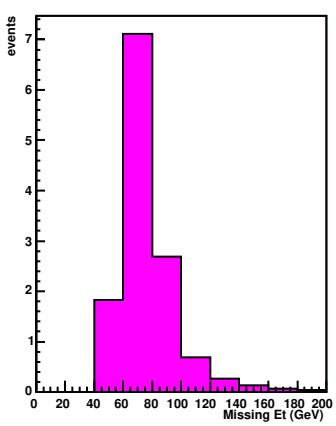
WZ-WW missing Et



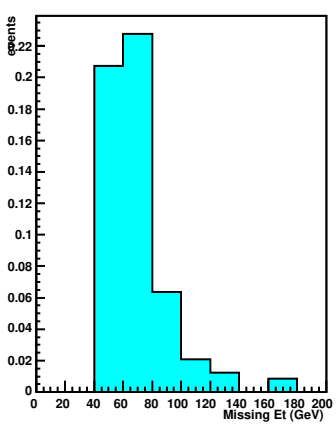
ZZ-WW missing Et



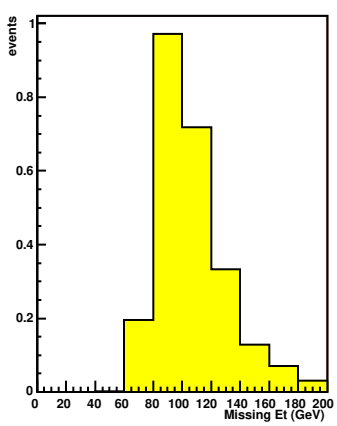
WW-WW missing Et



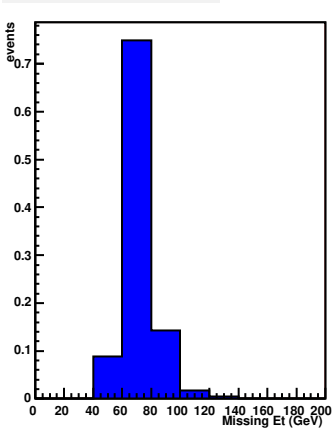
wgamma-WW missing Et



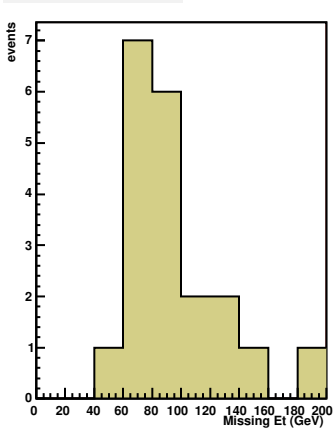
ttbar-WW missing Et



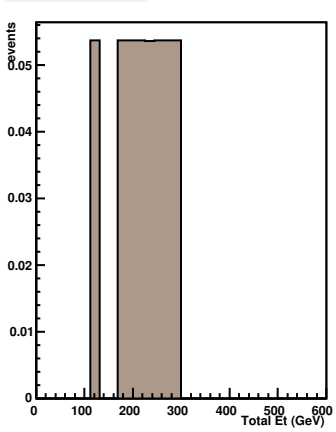
higgsww-WW missing Et



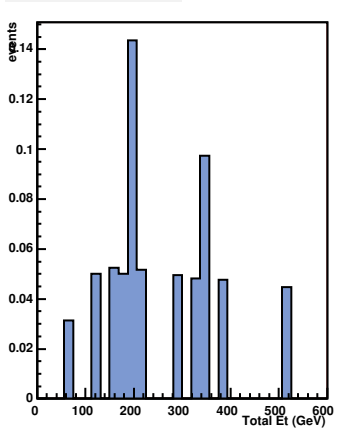
data-WW missing Et



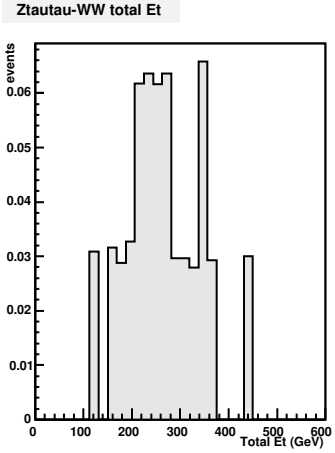
Zee-WW total Et



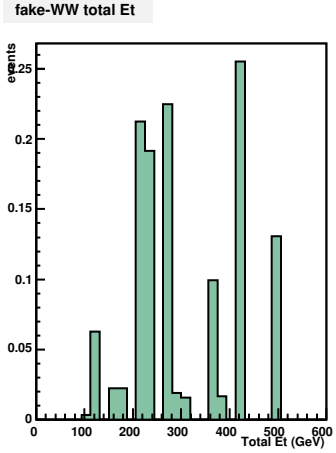
Zmumu-WW total Et



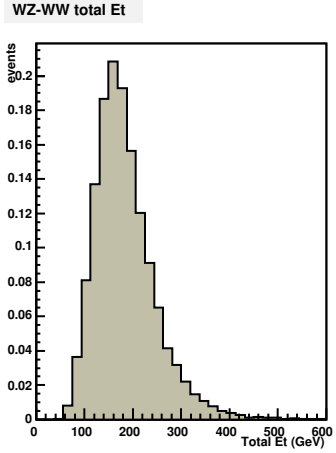
Ztautau-WW total Et



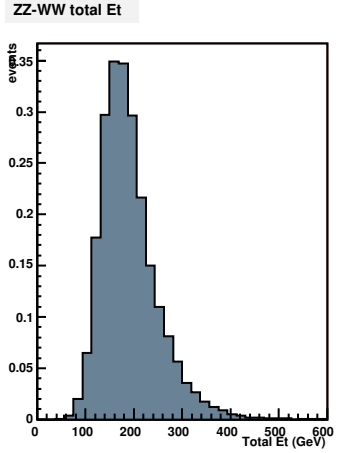
fake-WW total Et



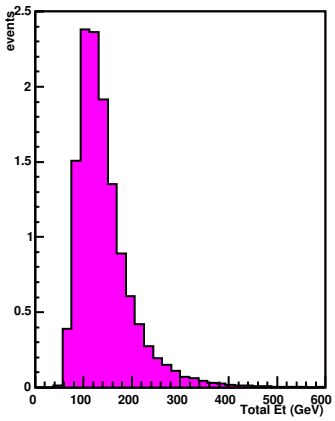
WZ-WW total Et



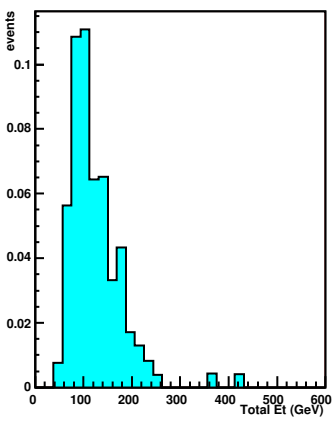
ZZ-WW total Et



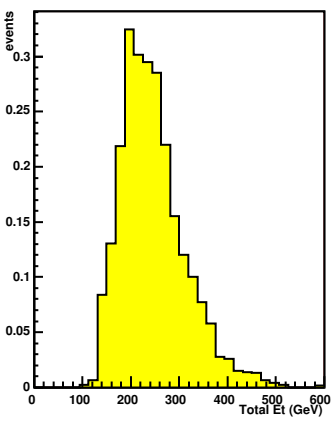
WW-WW total Et



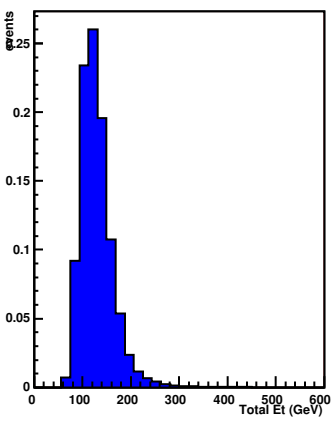
wgamma-WW total Et



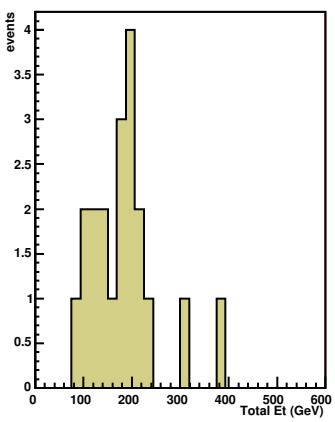
ttbar-WW total Et



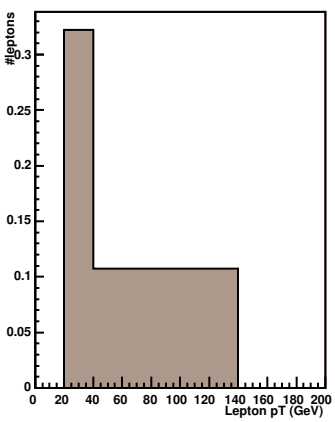
higgsww-WW total Et



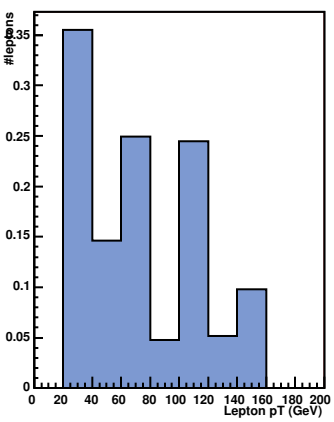
data-WW total Et



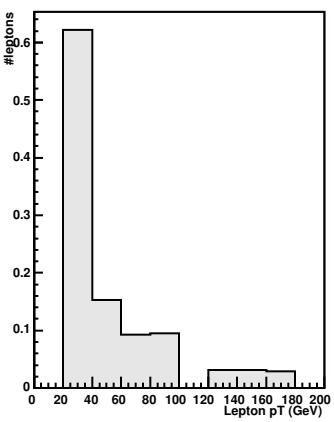
Zee-WW lepton pT



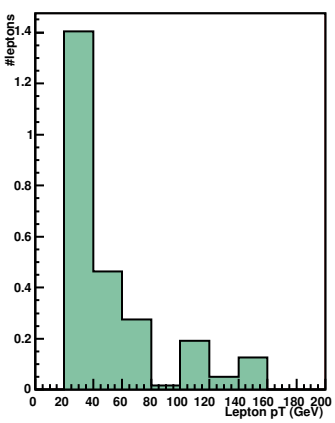
Zmumu-WW lepton pT



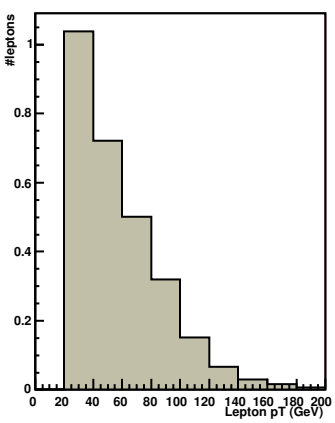
Ztautau-WW lepton pT



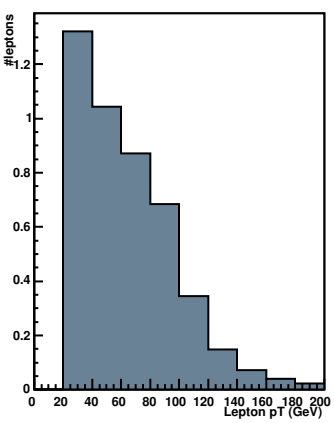
fake-WW lepton pT



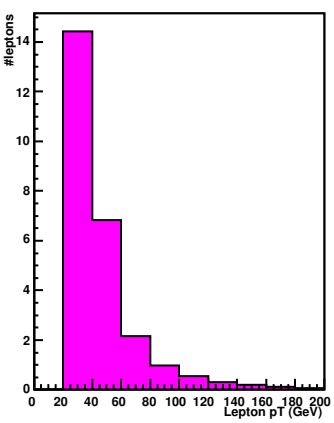
WZ-WW lepton pT



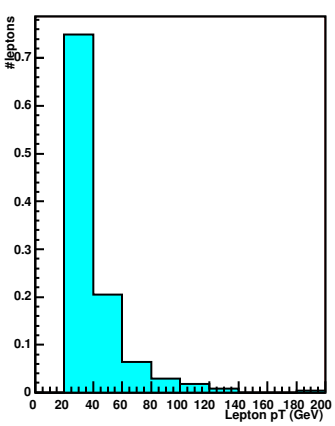
ZZ-WW lepton pT



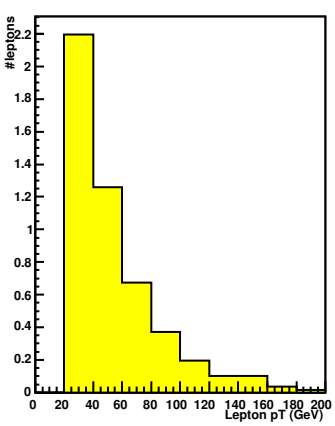
WW-WW lepton pT



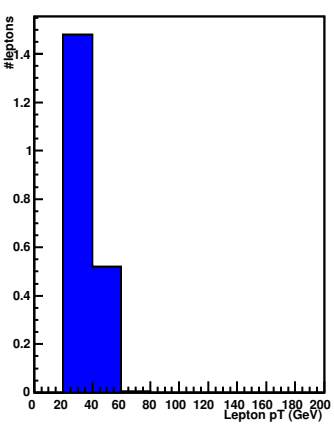
wgamma-WW lepton pT



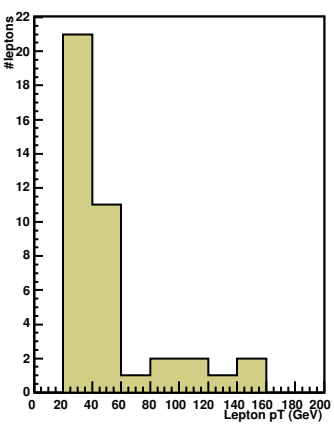
ttbar-WW lepton pT



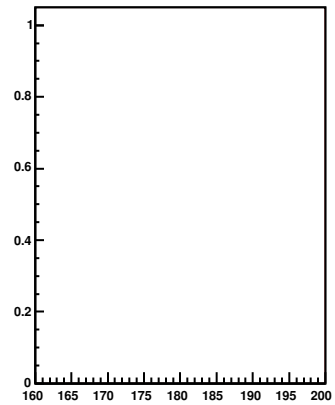
higgsww-WW lepton pT



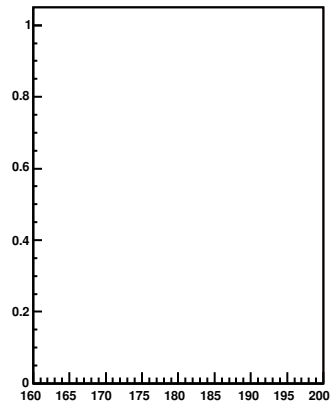
data-WW lepton pT



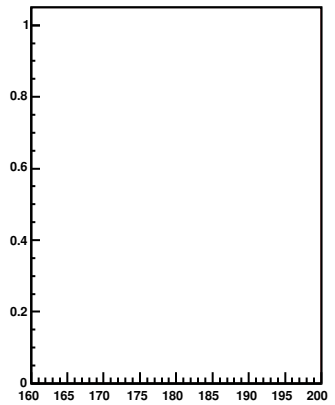
Zee-mattest



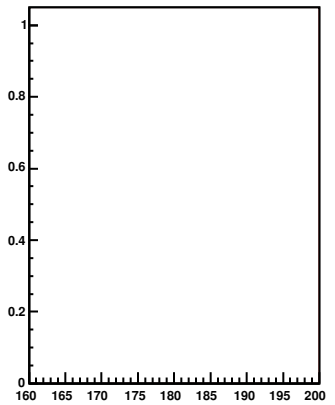
Zmumu-mattest



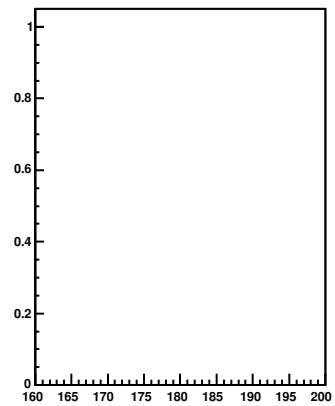
Ztautau-mattest



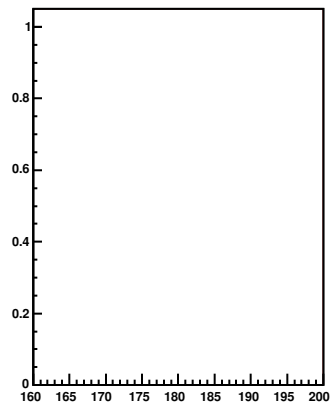
fake-mattest



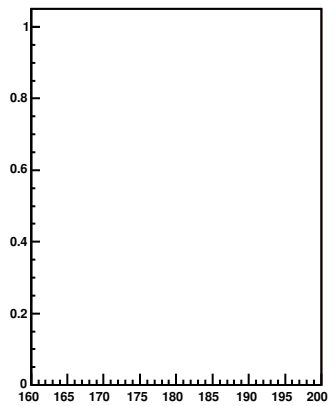
WZ-mattest



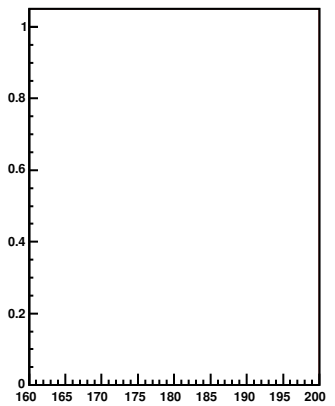
ZZ-mattest



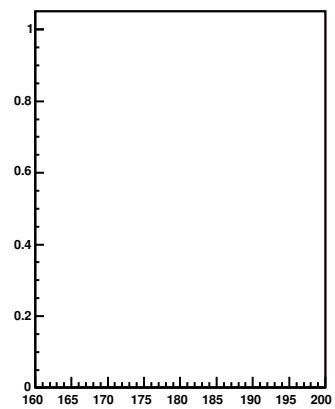
WW-mattest



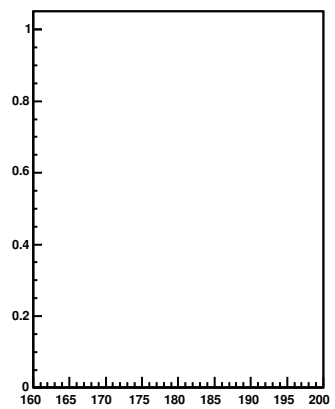
wgamma-mattest



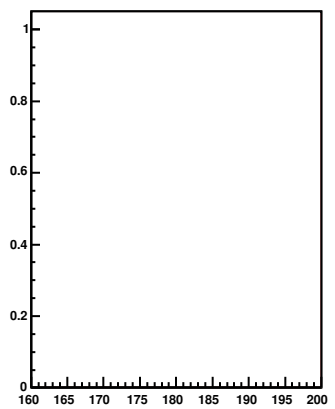
ttbar-mattest



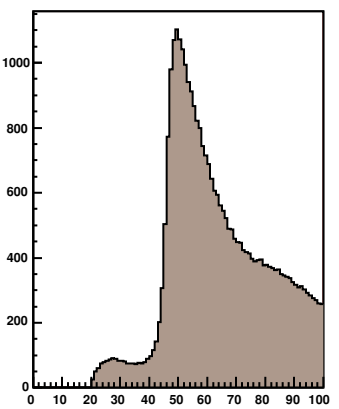
higgsww-mattest



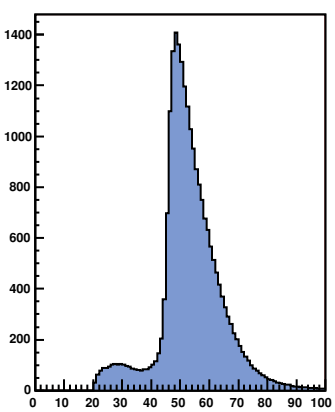
data-mattest



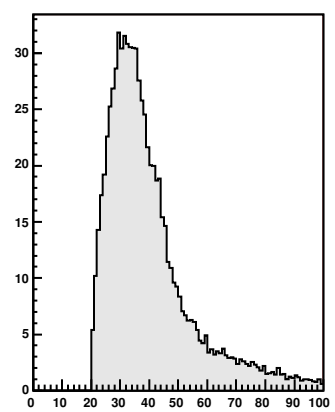
Zee-NN Variable LepAEn



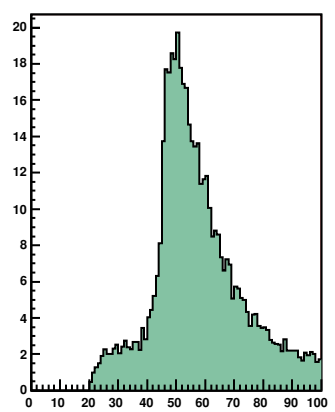
Zmumu-NN Variable LepAEn



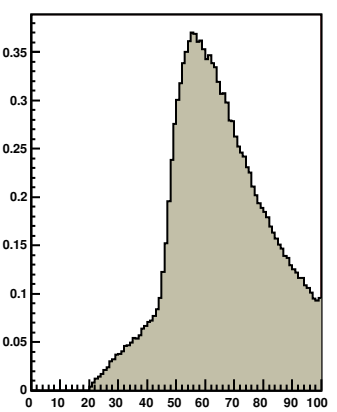
Ztautau-NN Variable LepAEn



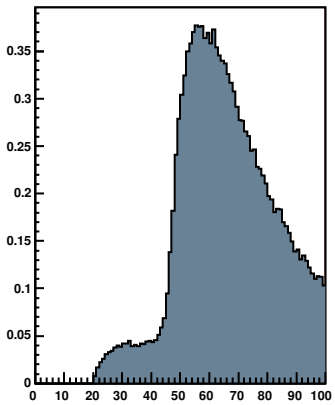
fake-NN Variable LepAEn



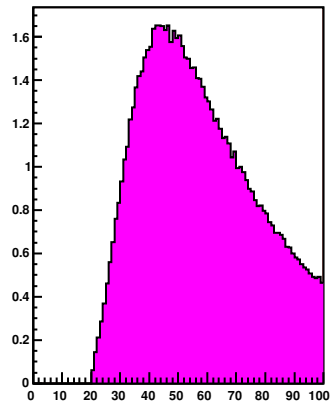
WZ-NN Variable LepAEn



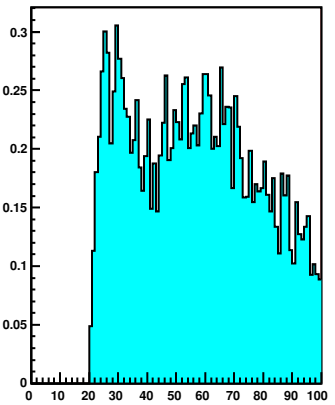
ZZ-NN Variable LepAEn



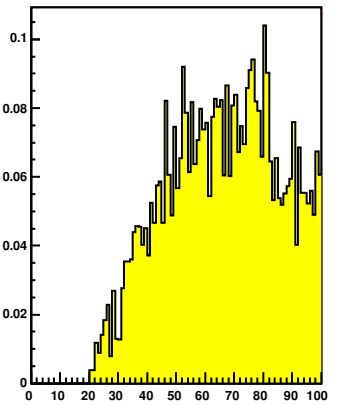
WW-NN Variable LepAEn



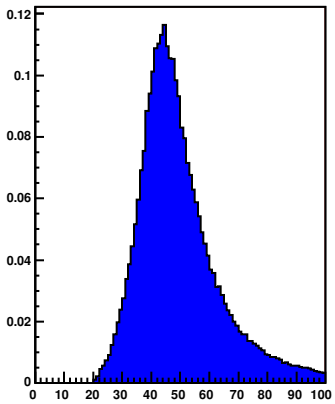
wgamma-NN Variable LepAEn



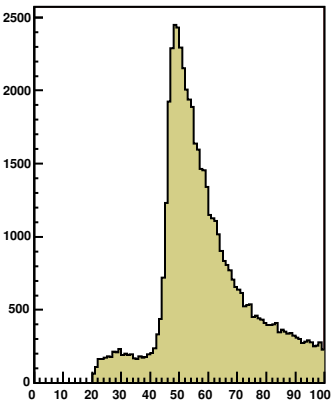
ttbar-NN Variable LepAEn



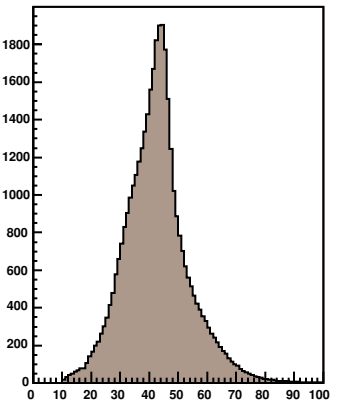
higgsww-NN Variable LepAEn



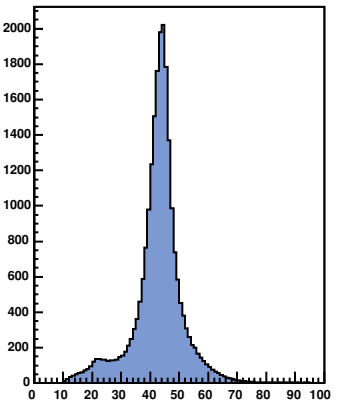
data-NN Variable LepAEn



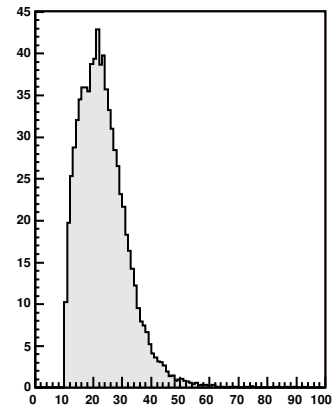
Zee-NN Variable LepBEn



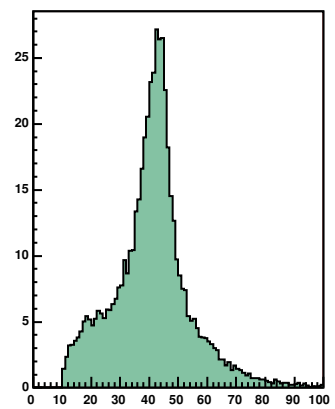
Zmumu-NN Variable LepBEn



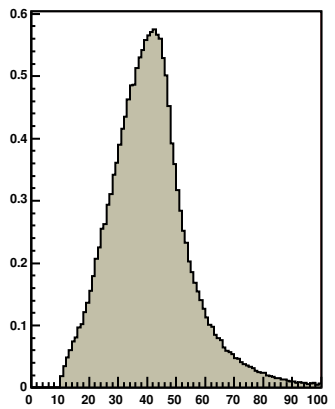
Ztautau-NN Variable LepBEn



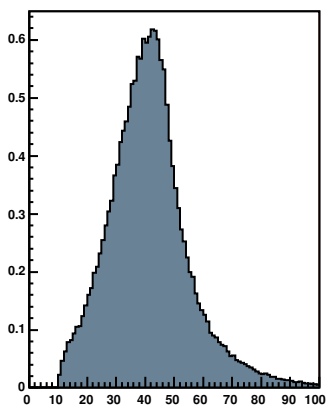
fake-NN Variable LepBEn



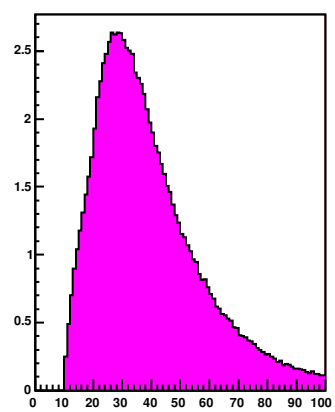
WZ-NN Variable LepBEn



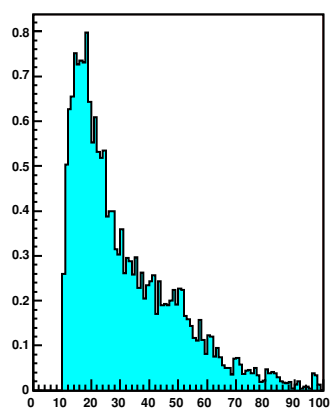
ZZ-NN Variable LepBEn



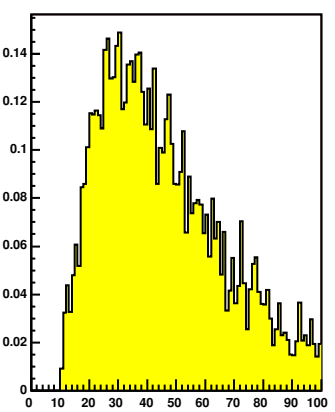
WW-NN Variable LepBEn



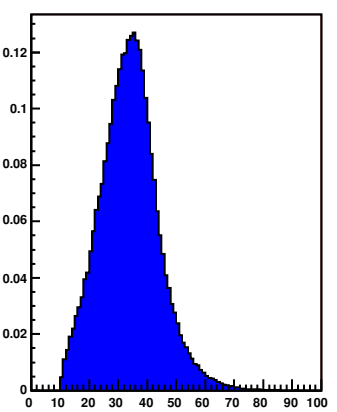
wgamma-NN Variable LepBEn



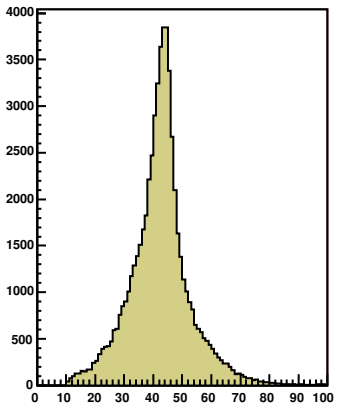
ttbar-NN Variable LepBEn



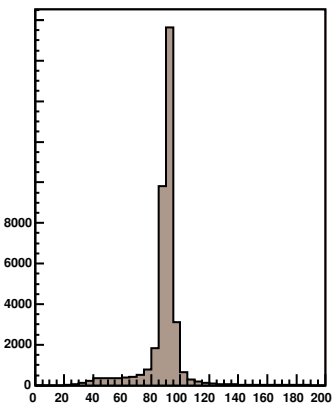
higgsww-NN Variable LepBEn



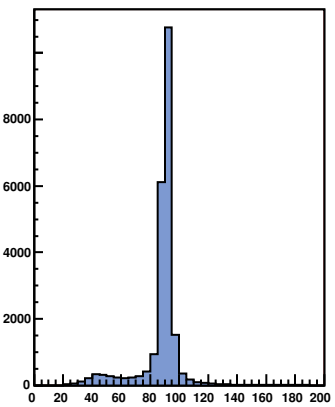
data-NN Variable LepBEn



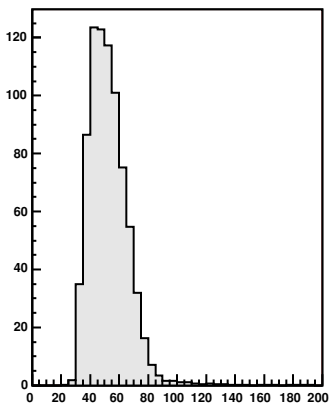
Zee-NN Variable dilmass



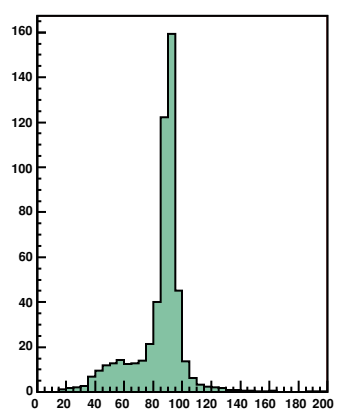
Zmumu-NN Variable dilmass



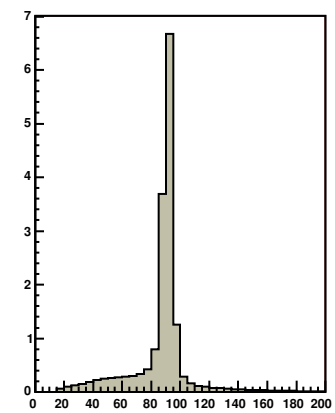
Ztautau-NN Variable dilmass



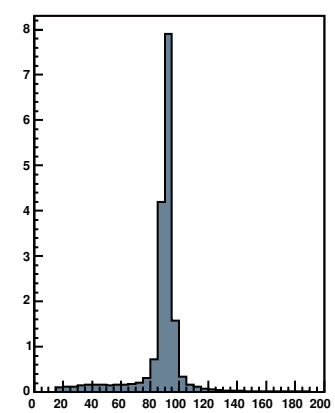
fake-NN Variable dilmass



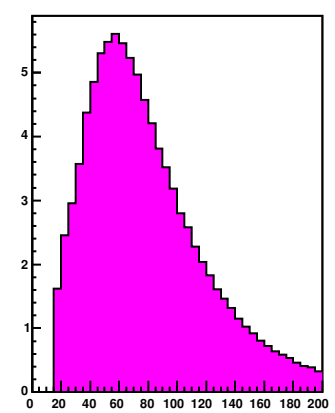
WZ-NN Variable dilmass



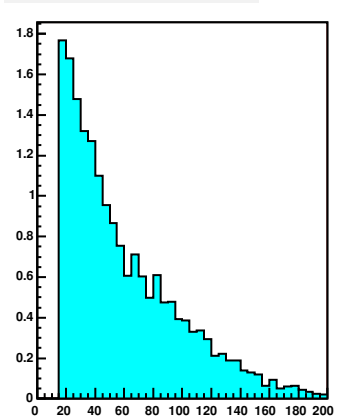
ZZ-NN Variable dilmass



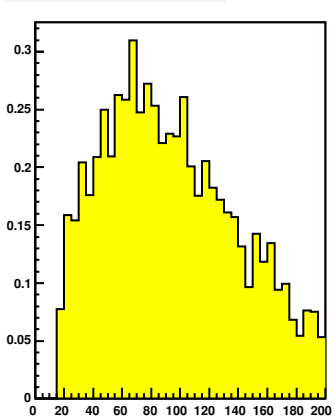
WW-NN Variable dilmass



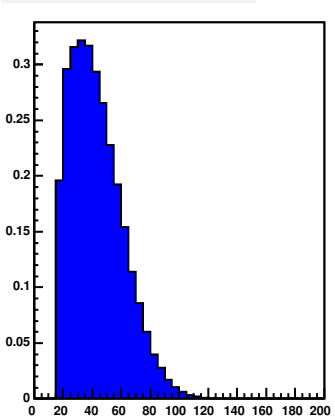
wgamma-NN Variable dilmass



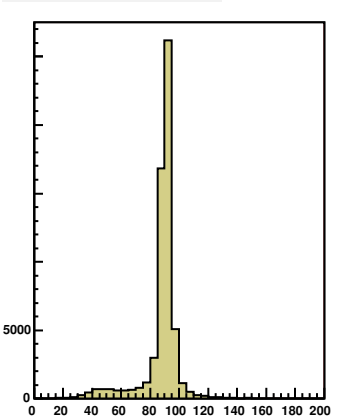
ttbar-NN Variable dilmass



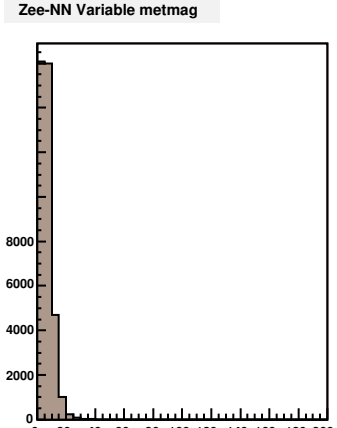
higgsww-NN Variable dilmass



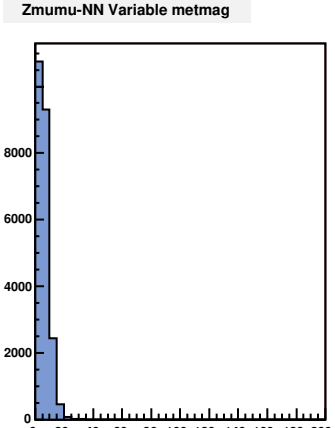
data-NN Variable dilmass



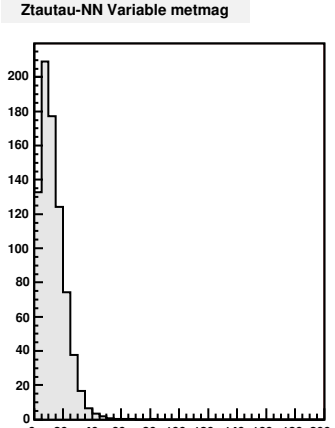
Zee-NN Variable metmag



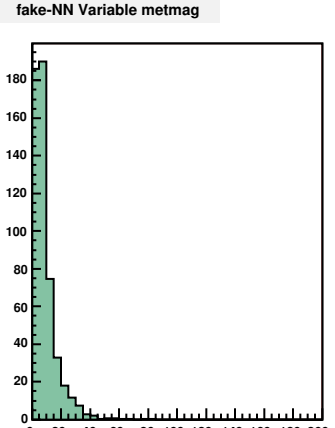
Zmumu-NN Variable metmag



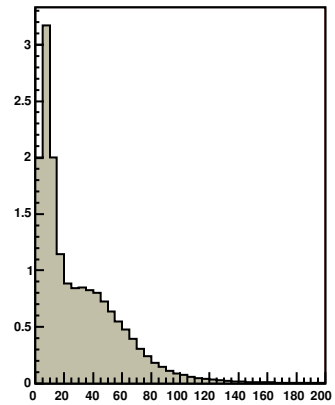
Ztautau-NN Variable metmag



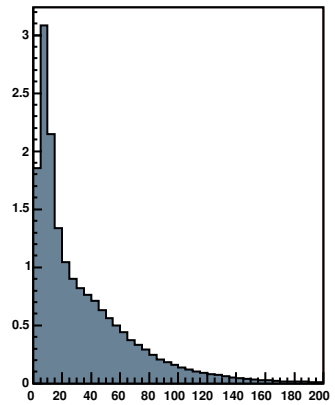
fake-NN Variable metmag



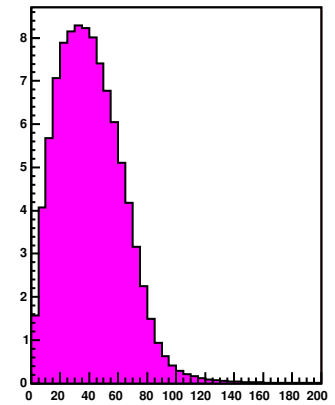
WZ-NN Variable metmag



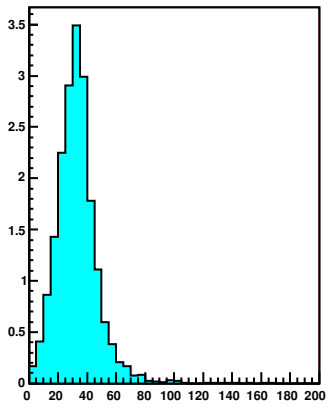
ZZ-NN Variable metmag



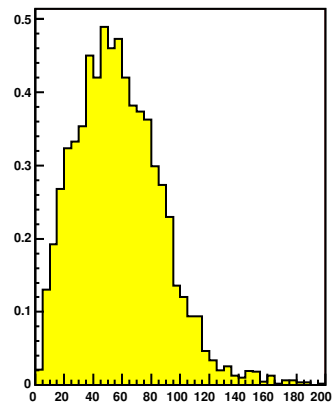
WW-NN Variable metmag



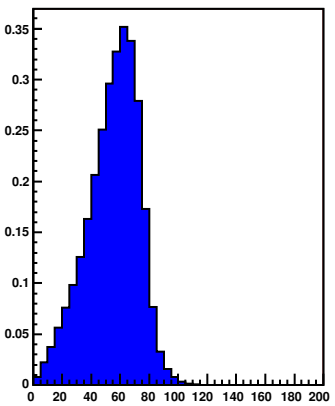
wgamma-NN Variable metmag



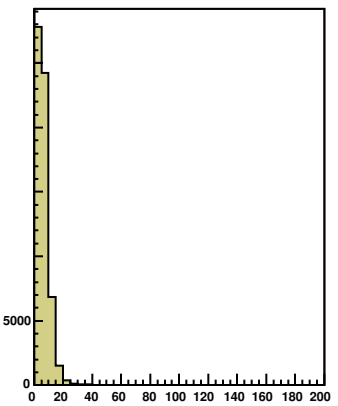
ttbar-NN Variable metmag



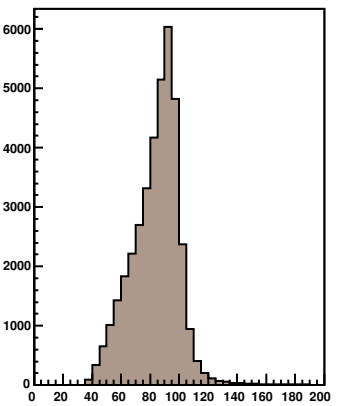
higgsww-NN Variable metmag



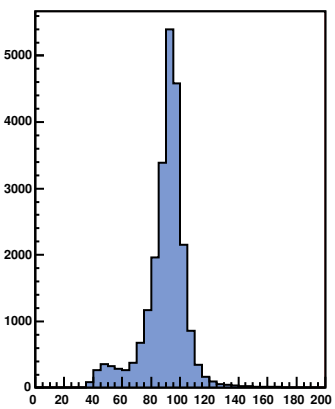
data-NN Variable metmag



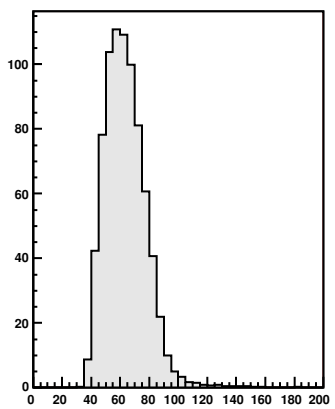
Zee-NN Variable addEt



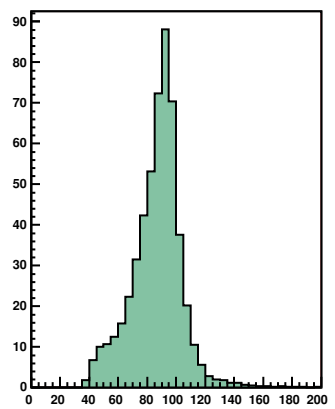
Zmumu-NN Variable addEt



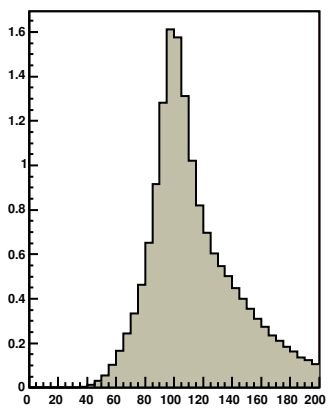
Ztautau-NN Variable addEt



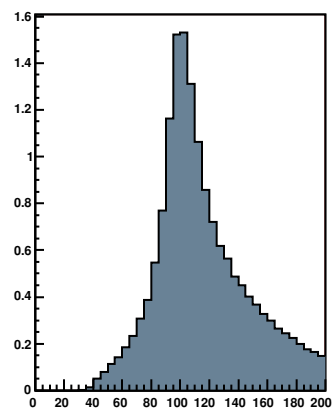
fake-NN Variable addEt



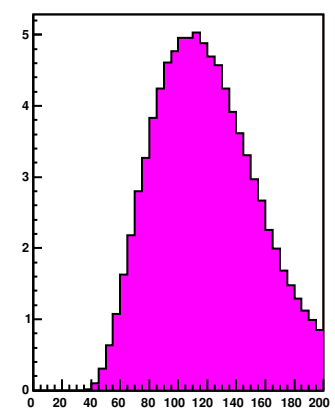
WZ-NN Variable addEt



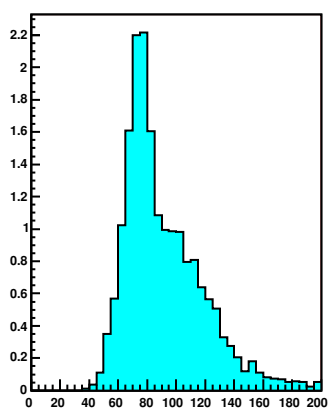
ZZ-NN Variable addEt



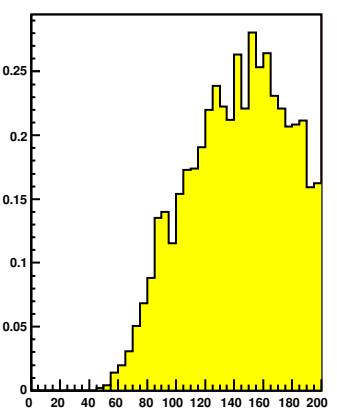
WW-NN Variable addEt



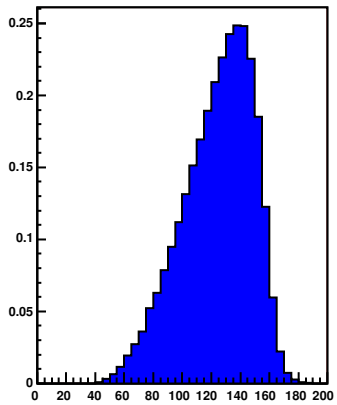
wgamma-NN Variable addEt



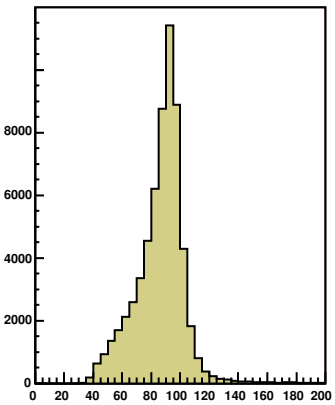
ttbar-NN Variable addEt



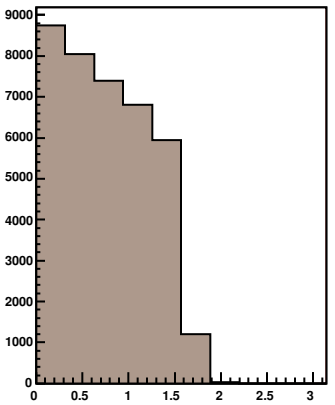
higgsww-NN Variable addEt



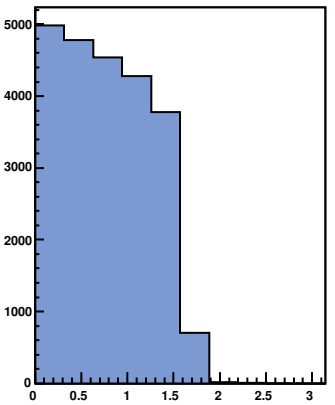
data-NN Variable addEt



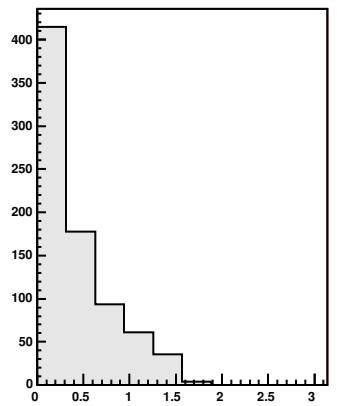
Zee-NN Variable dPhiMetLJ



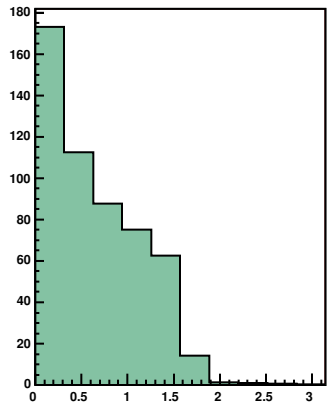
Zmumu-NN Variable dPhiMetLJ



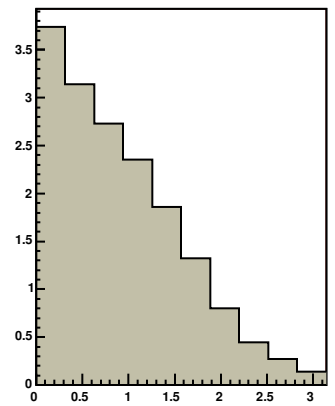
Ztautau-NN Variable dPhiMetLJ



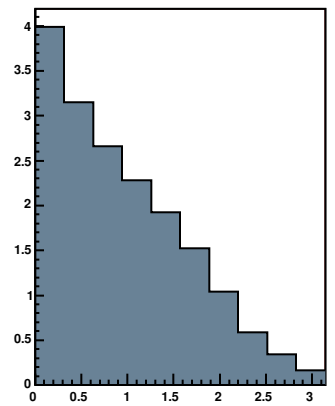
fake-NN Variable dPhiMetLJ



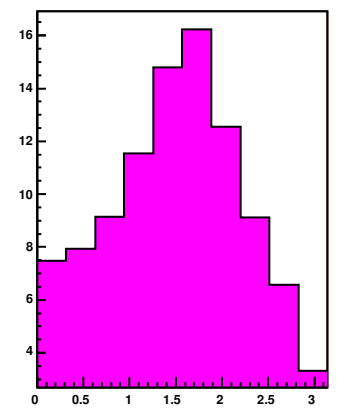
WZ-NN Variable dPhiMetLJ



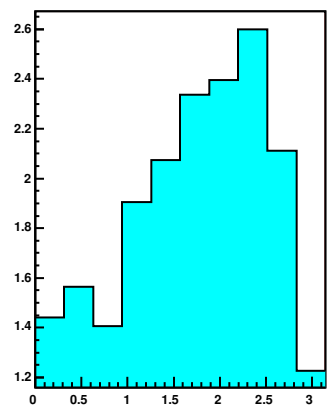
ZZ-NN Variable dPhiMetLJ



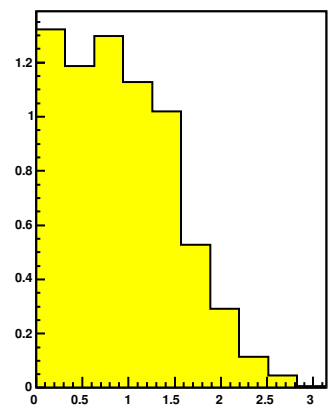
WW-NN Variable dPhiMetLJ



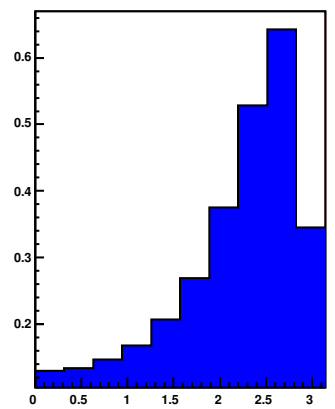
wgamma-NN Variable dPhiMetLJ



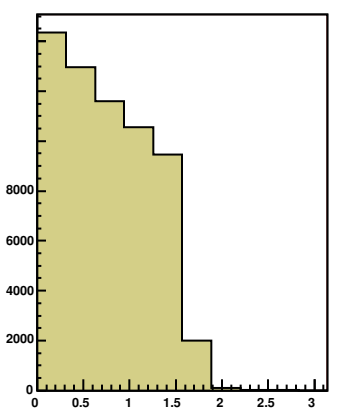
ttbar-NN Variable dPhiMetLJ



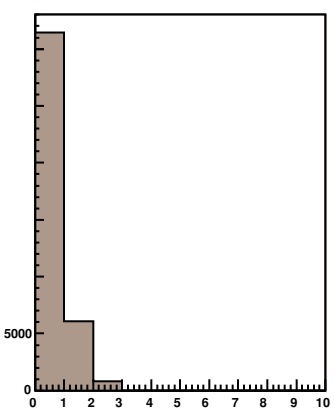
higgsww-NN Variable dPhiMetLJ



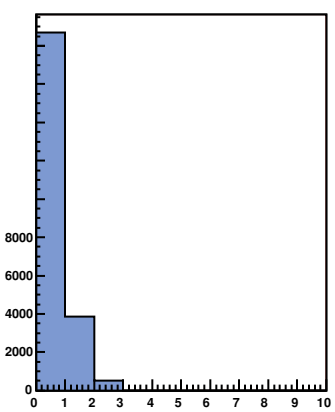
data-NN Variable dPhiMetLJ



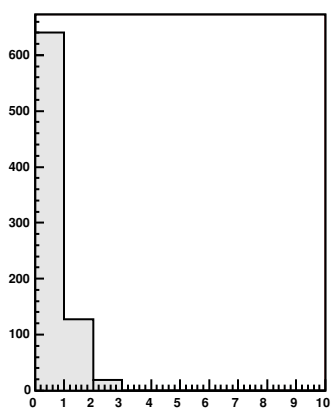
Zee-NN Variable tightjets



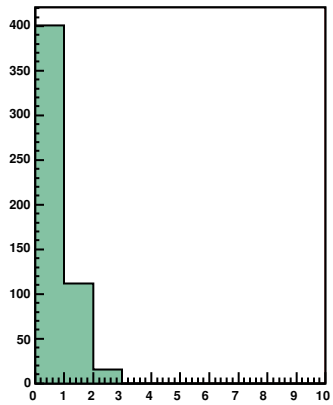
Zmumu-NN Variable tightjets



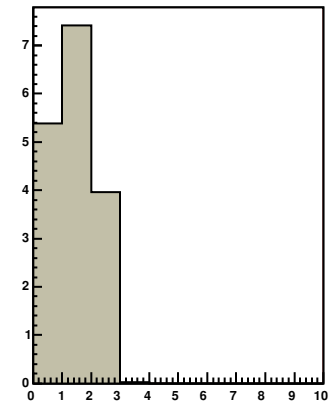
Ztautau-NN Variable tightjets



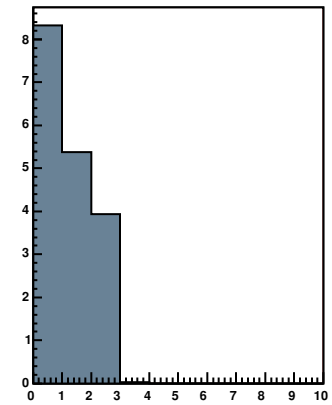
fake-NN Variable tightjets



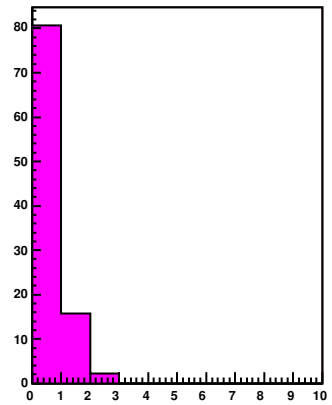
WZ-NN Variable tightjets



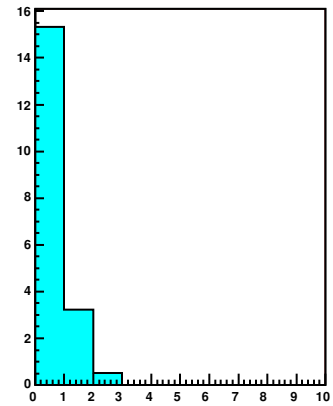
ZZ-NN Variable tightjets



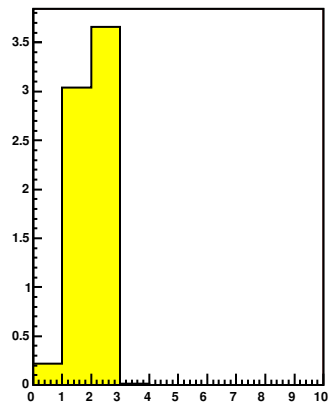
WW-NN Variable tightjets



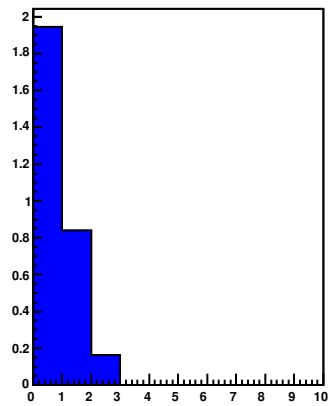
wgamma-NN Variable tightjets



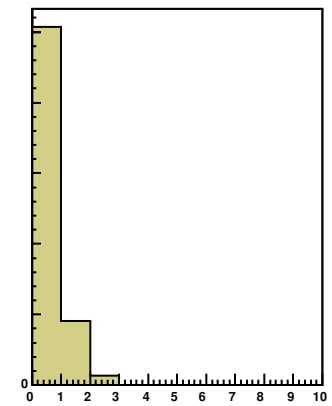
ttbar-NN Variable tightjets



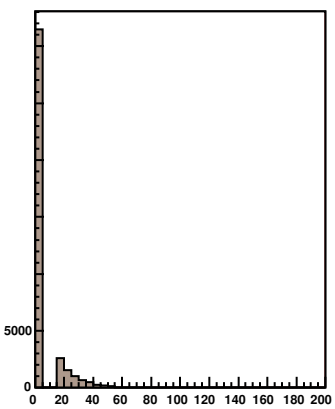
higgsww-NN Variable tightjets



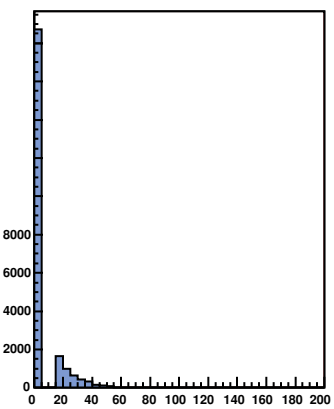
data-NN Variable tightjets



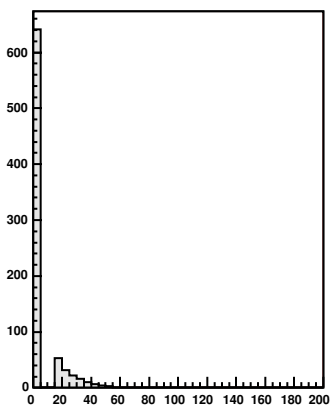
Zee-NN Variable jet1_Et



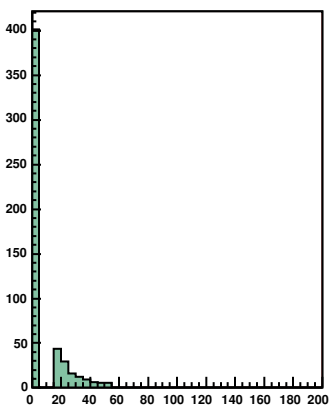
Zmumu-NN Variable jet1_Et



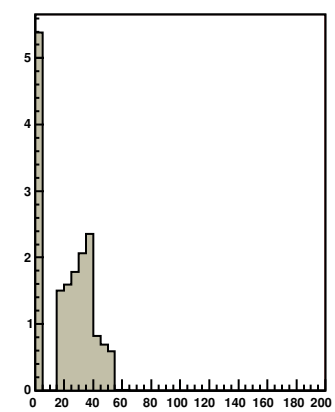
Ztautau-NN Variable jet1_Et



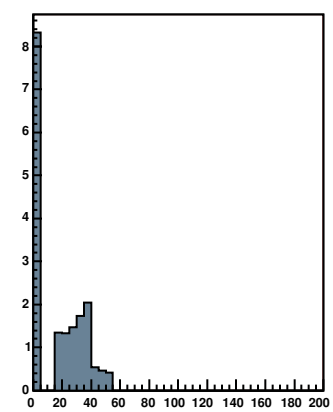
fake-NN Variable jet1_Et



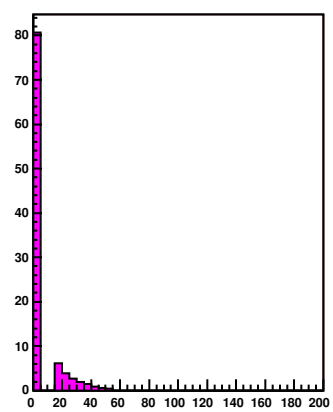
WZ-NN Variable jet1_Et



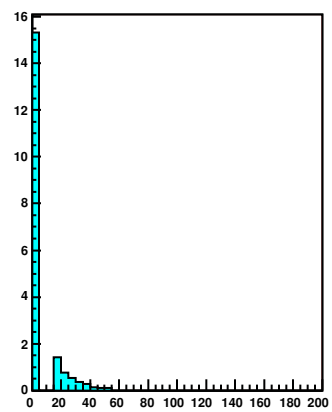
ZZ-NN Variable jet1_Et



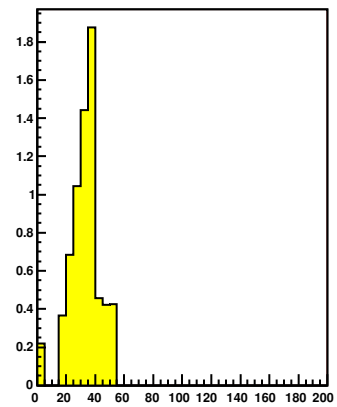
WW-NN Variable jet1_Et



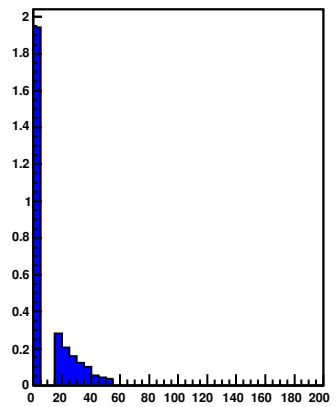
wgamma-NN Variable jet1_Et



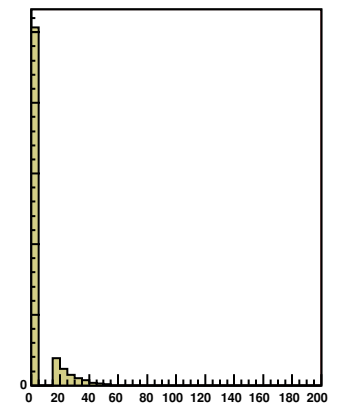
ttbar-NN Variable jet1_Et



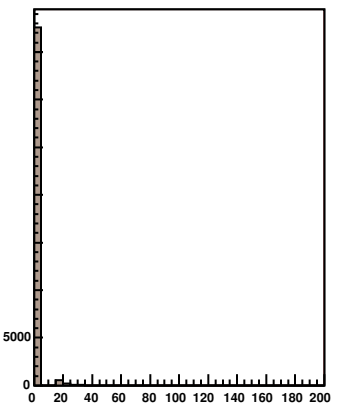
higgsww-NN Variable jet1_Et



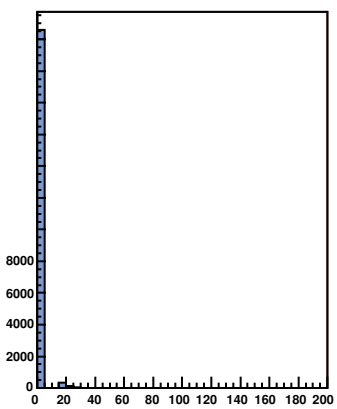
data-NN Variable jet1_Et



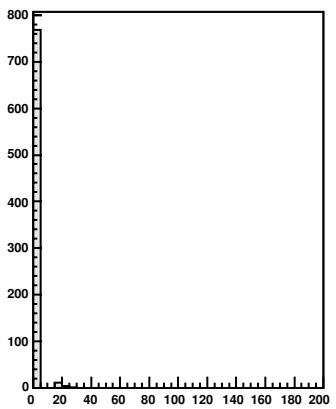
Zee-NN Variable jet2_Et



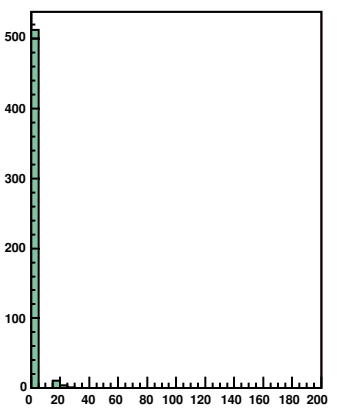
Zmumu-NN Variable jet2_Et



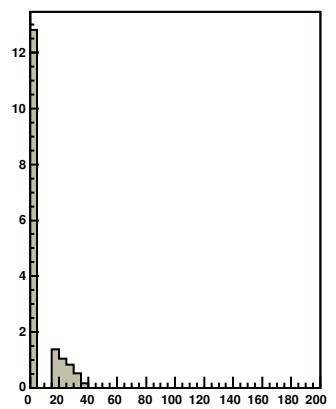
Ztautau-NN Variable jet2_Et



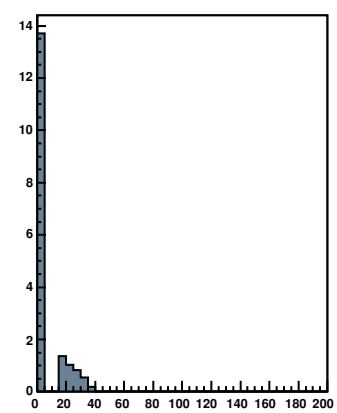
fake-NN Variable jet2_Et



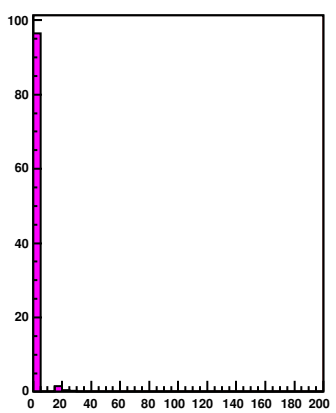
WZ-NN Variable jet2_Et



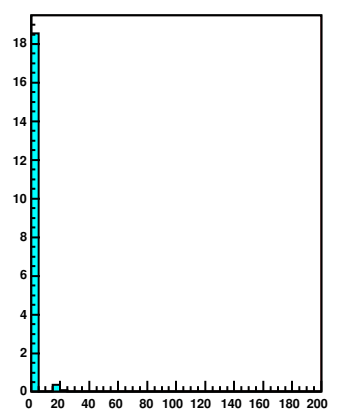
ZZ-NN Variable jet2_Et



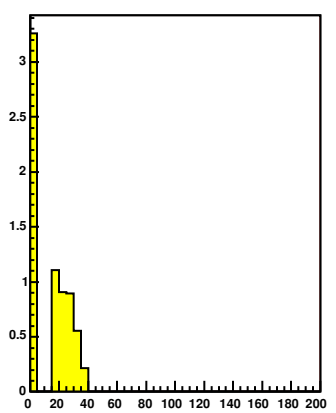
WW-NN Variable jet2_Et



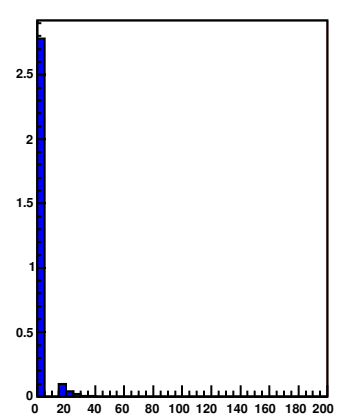
wgamma-NN Variable jet2_Et



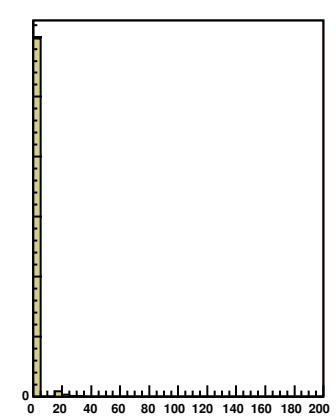
ttbar-NN Variable jet2_Et



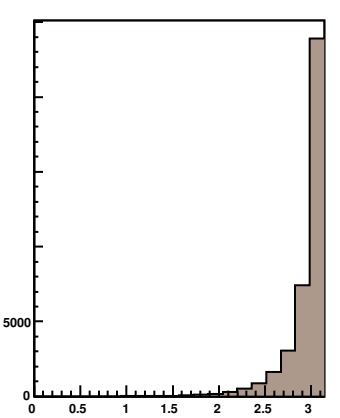
higgsww-NN Variable jet2_Et



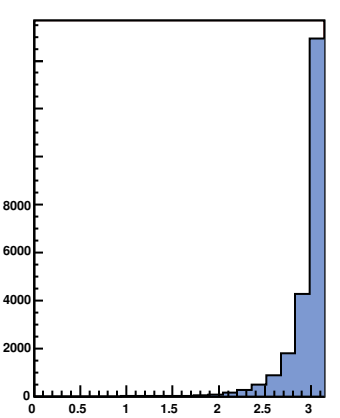
data-NN Variable jet2_Et



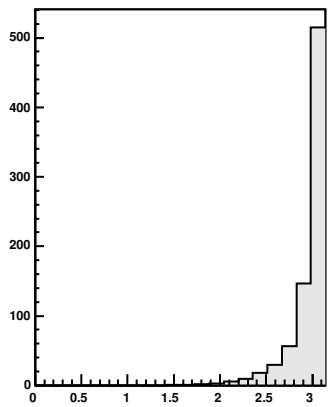
Zee-NN Variable dildphi



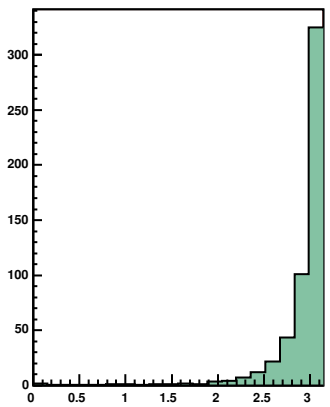
Zmumu-NN Variable dildphi



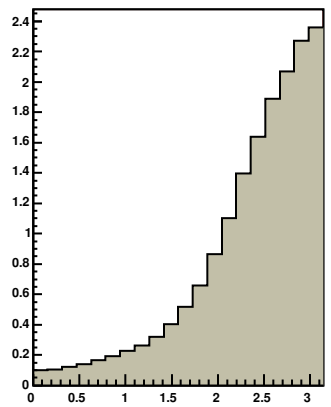
Ztautau-NN Variable dildphi



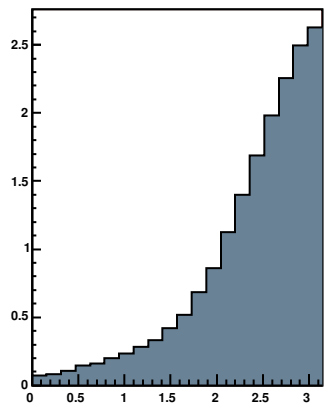
fake-NN Variable dildphi



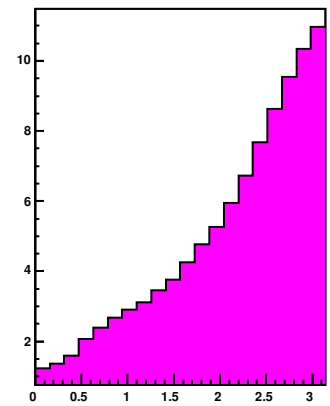
WZ-NN Variable dildphi



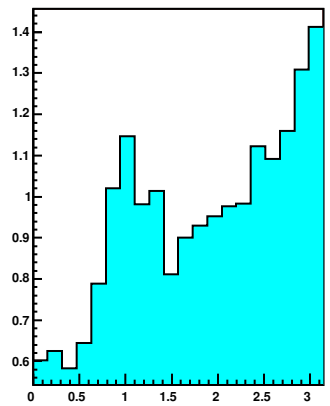
ZZ-NN Variable dildphi



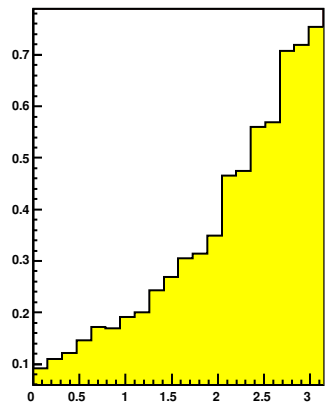
WW-NN Variable dildphi



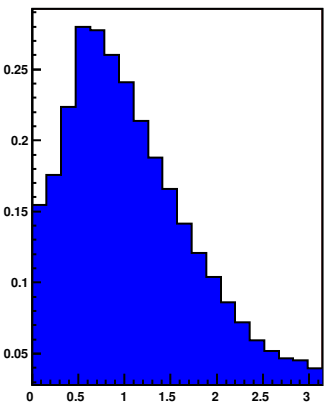
wgamma-NN Variable dildphi



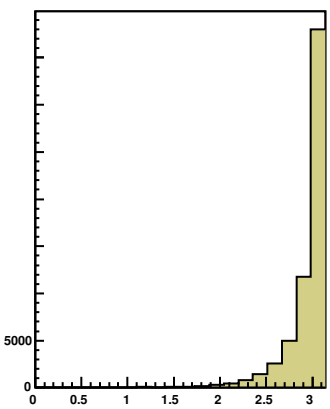
ttbar-NN Variable dildphi



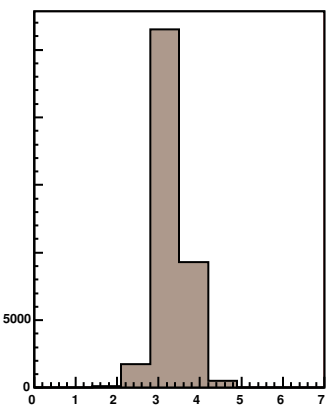
higgsww-NN Variable dildphi



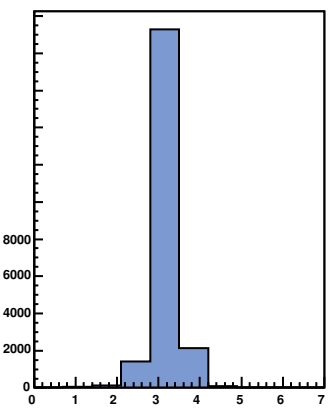
data-NN Variable dildphi



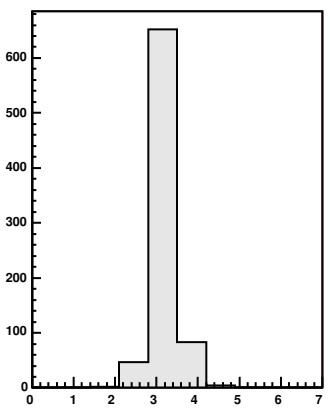
Zee-NN Variable lepR



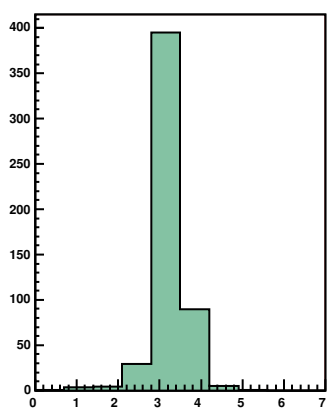
Zmumu-NN Variable lepR



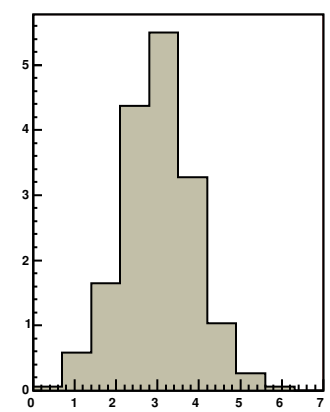
Ztautau-NN Variable lepR



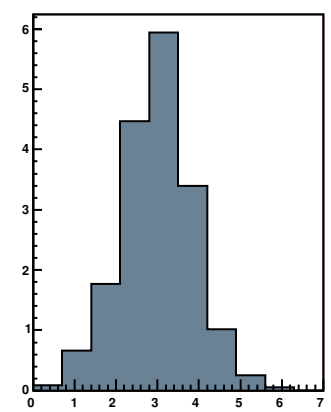
fake-NN Variable lepR



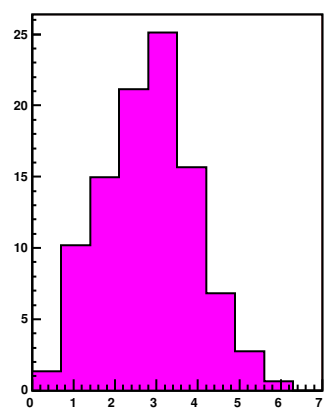
WZ-NN Variable lepR



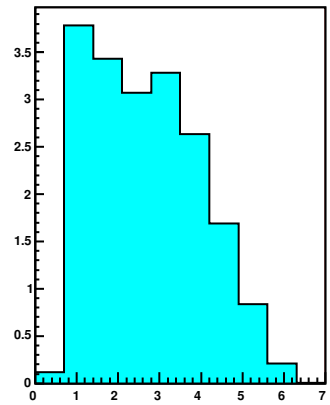
ZZ-NN Variable lepR



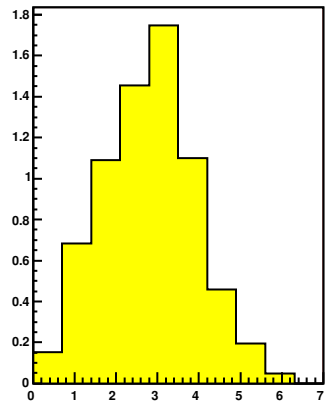
WW-NN Variable lepR



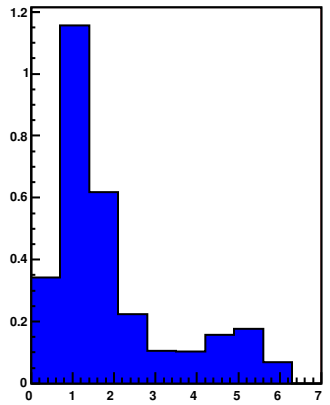
wgamma-NN Variable lepR



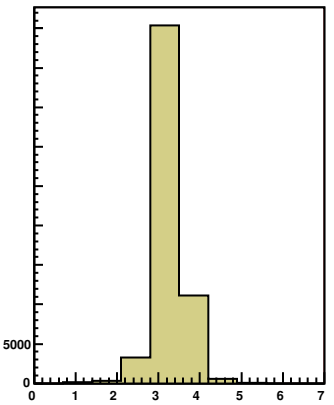
ttbar-NN Variable lepR



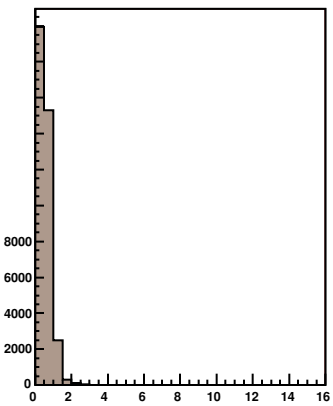
higgsww-NN Variable lepR



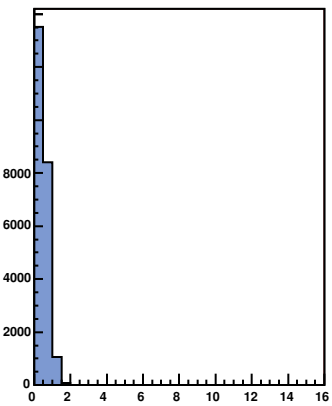
data-NN Variable lepR



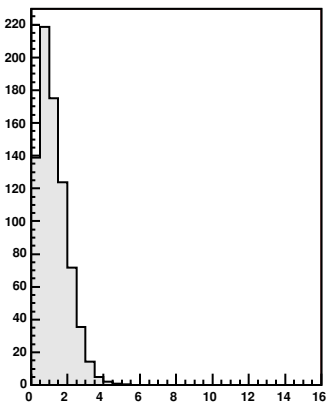
Zee-NN Variable metsig



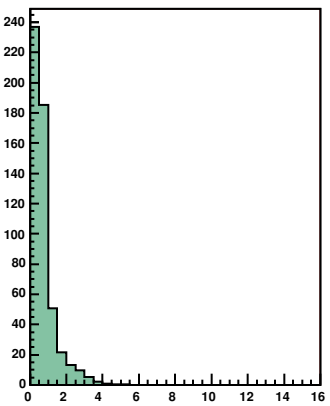
Zmumu-NN Variable metsig



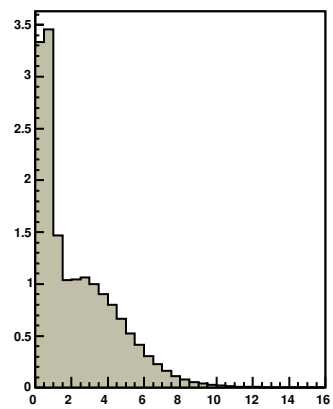
Ztautau-NN Variable metsig



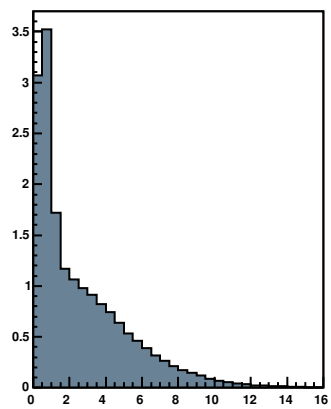
fake-NN Variable metsig



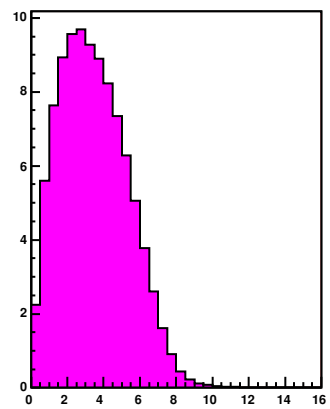
WZ-NN Variable metsig



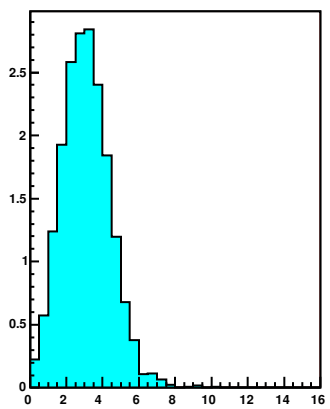
ZZ-NN Variable metsig



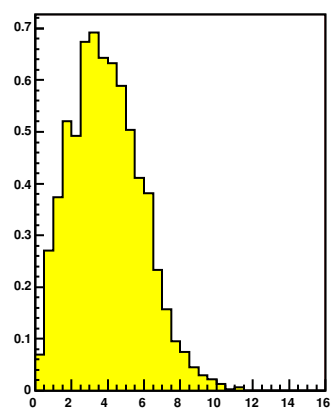
WW-NN Variable metsig



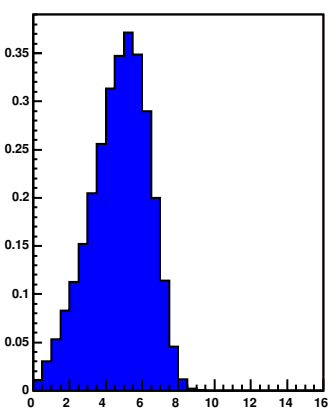
wgamma-NN Variable metsig



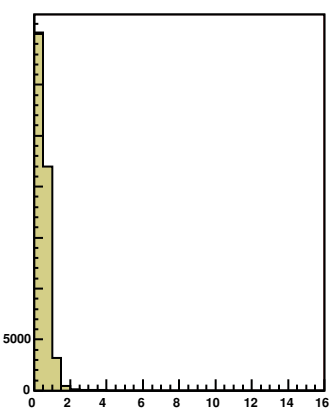
ttbar-NN Variable metsig



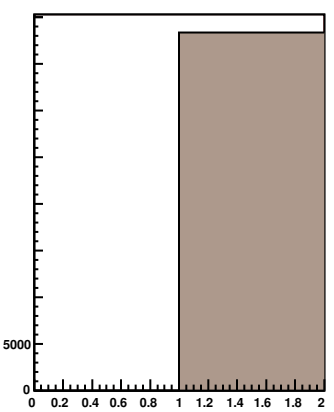
higgsww-NN Variable metsig



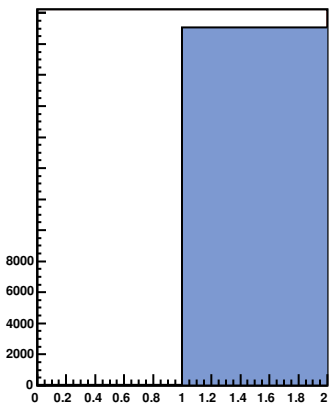
data-NN Variable metsig



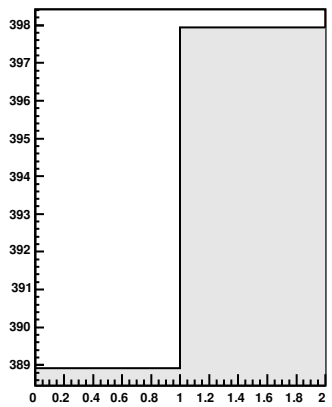
Zee-NN Variable diltype



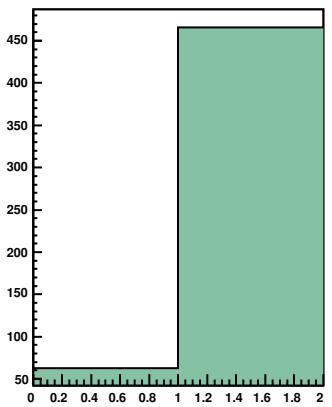
Zmumu-NN Variable diltype



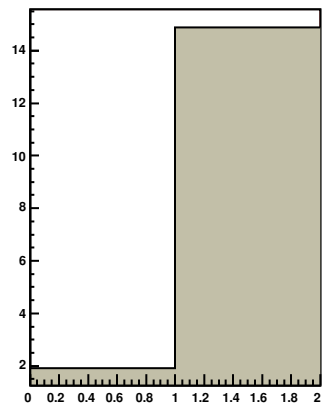
Ztautau-NN Variable diltype



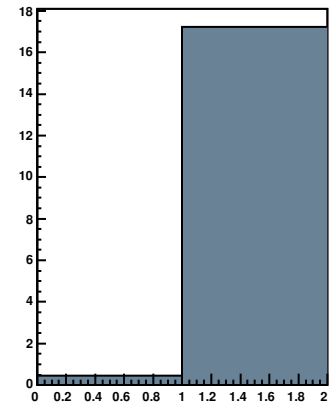
fake-NN Variable diltype



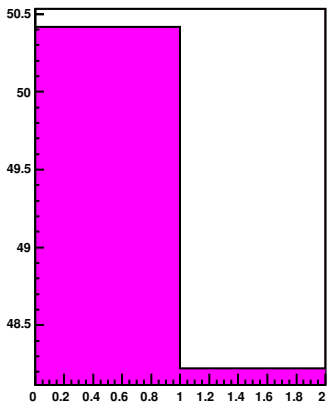
WZ-NN Variable diltype



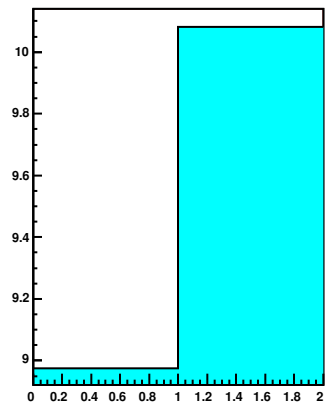
ZZ-NN Variable diltype



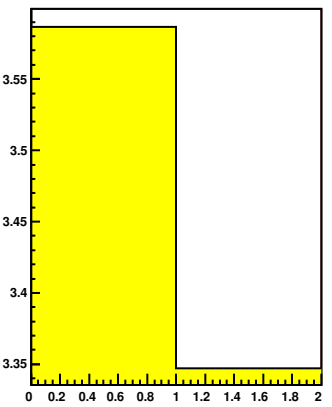
WW-NN Variable diltype



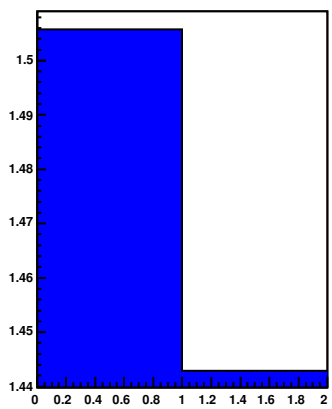
wgamma-NN Variable diltype



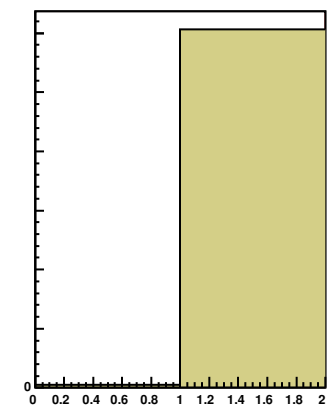
ttbar-NN Variable diltype



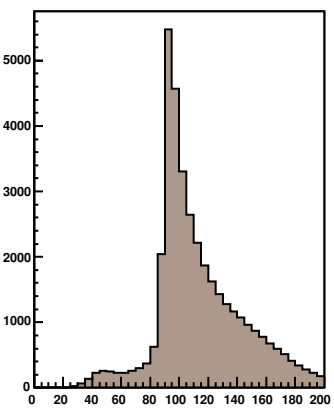
higgsww-NN Variable diltype



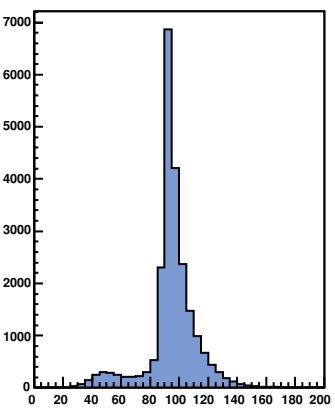
data-NN Variable diltype



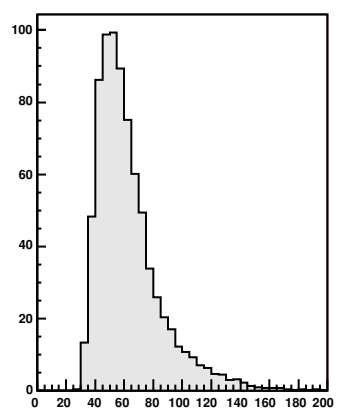
Zee-NN Variable Mt_ll



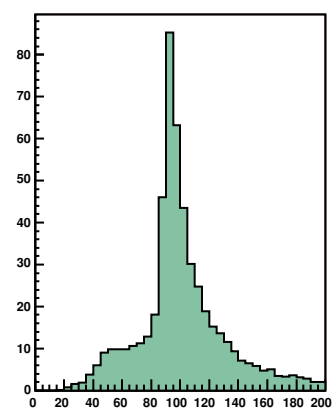
Zmumu-NN Variable Mt_ll



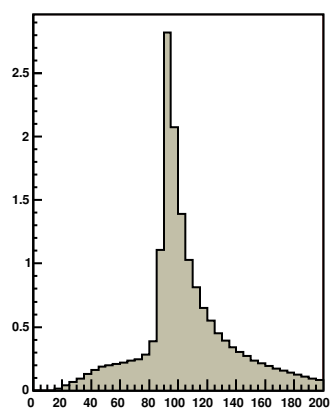
Ztautau-NN Variable Mt_ll



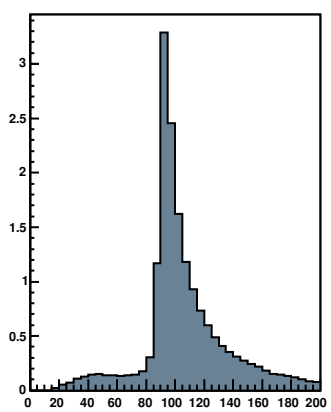
fake-NN Variable Mt_ll



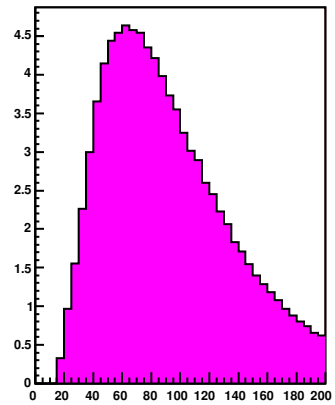
WZ-NN Variable Mt_ll



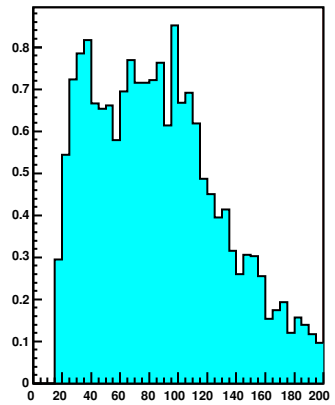
ZZ-NN Variable Mt_ll



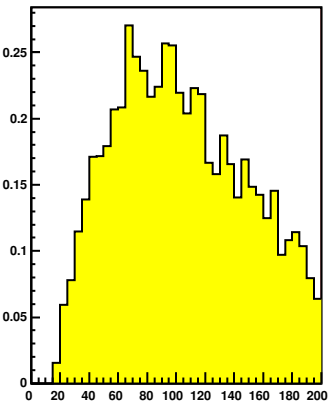
WW-NN Variable Mt_ll



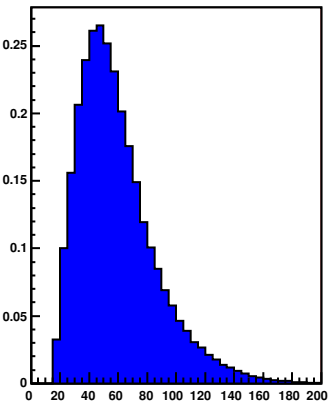
wgamma-NN Variable Mt_ll



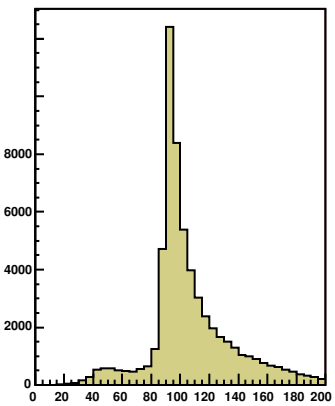
ttbar-NN Variable Mt_ll



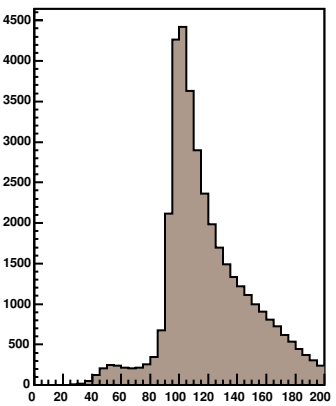
higgsww-NN Variable Mt_ll



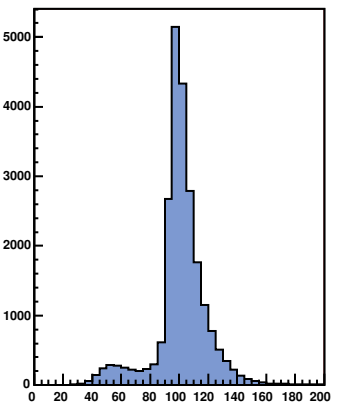
data-NN Variable Mt_ll



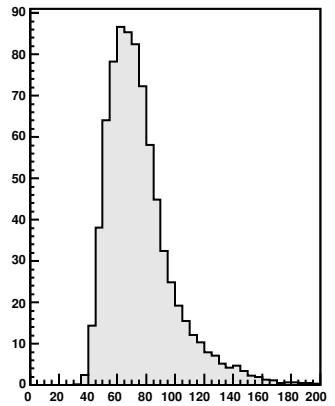
Zee-NN Variable Mt_llMet



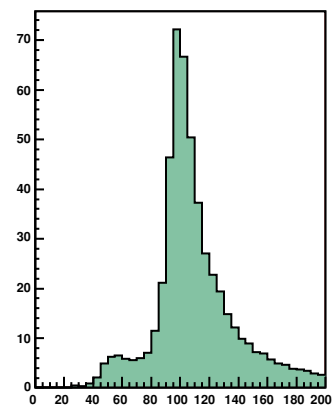
Zmumu-NN Variable Mt_llMet



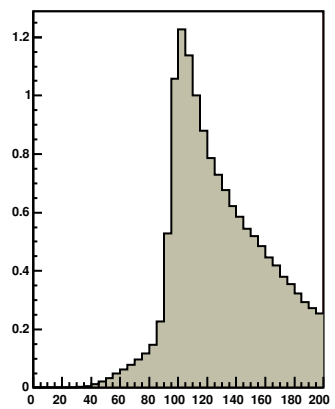
Ztautau-NN Variable Mt_llMet



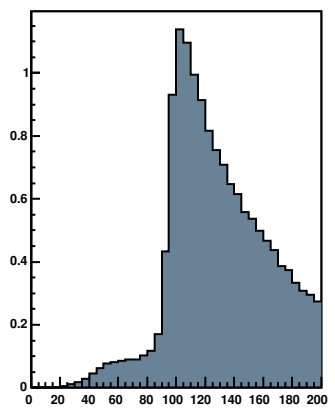
fake-NN Variable Mt_llMet



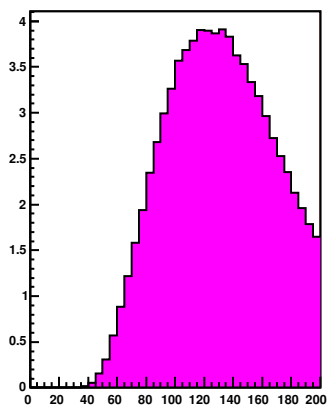
WZ-NN Variable Mt_llMet



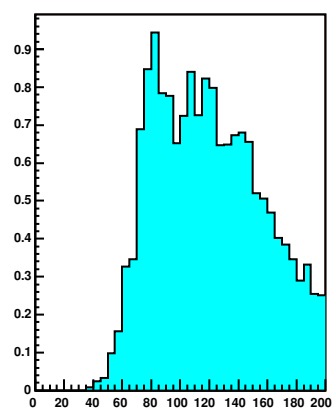
ZZ-NN Variable Mt_llMet



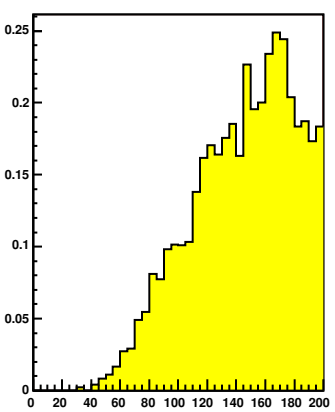
WW-NN Variable Mt_llMet



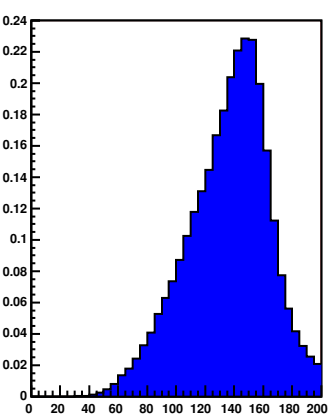
wgamma-NN Variable Mt_llMet



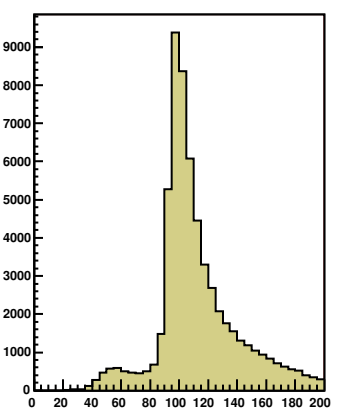
ttbar-NN Variable Mt_llMet



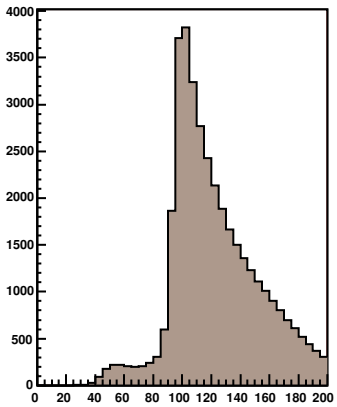
higgsww-NN Variable Mt_llMet



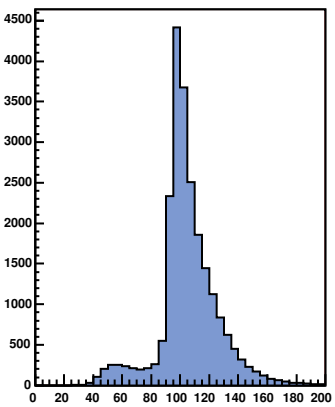
data-NN Variable Mt_llMet



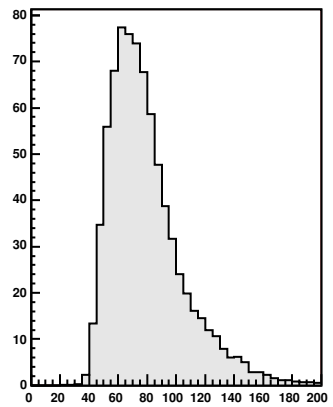
Zee-NN Variable Mt_All



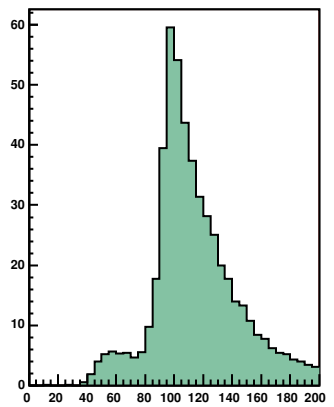
Zmumu-NN Variable Mt_All



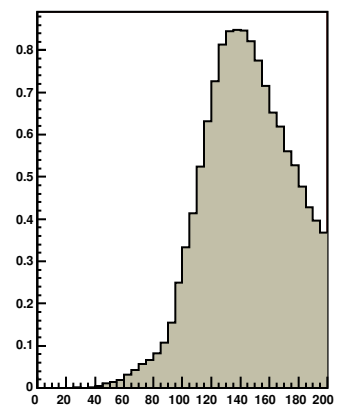
Ztautau-NN Variable Mt_All



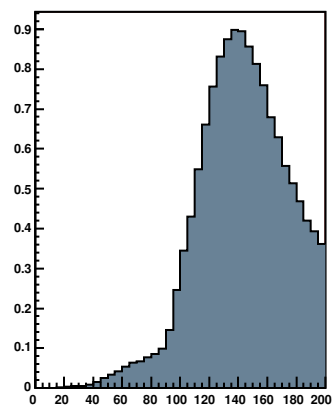
fake-NN Variable Mt_All



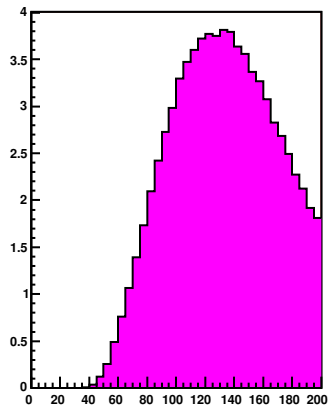
WZ-NN Variable Mt_All



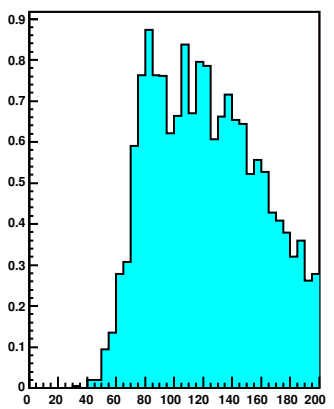
ZZ-NN Variable Mt_All



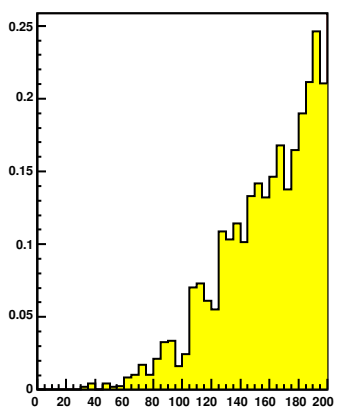
WW-NN Variable Mt_All



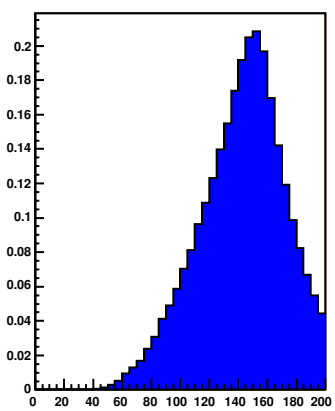
wgamma-NN Variable Mt_All



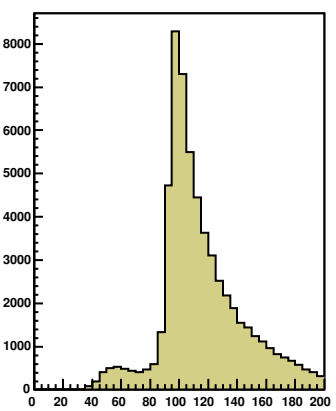
ttbar-NN Variable Mt_All



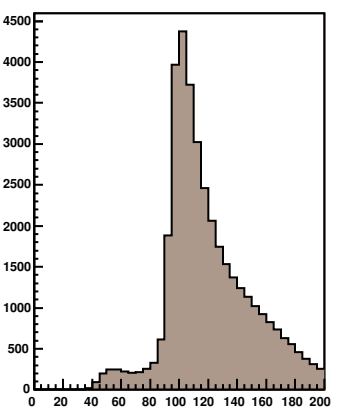
higgsww-NN Variable Mt_All



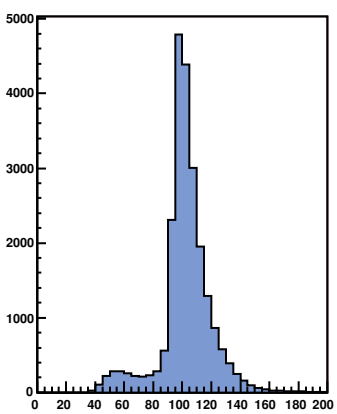
data-NN Variable Mt_All



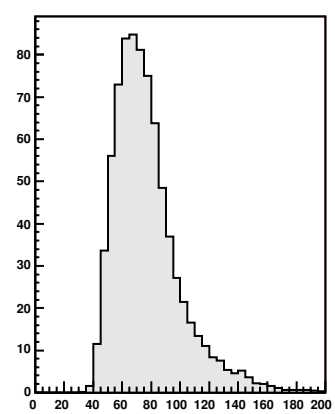
Zee-NN Variable lsr



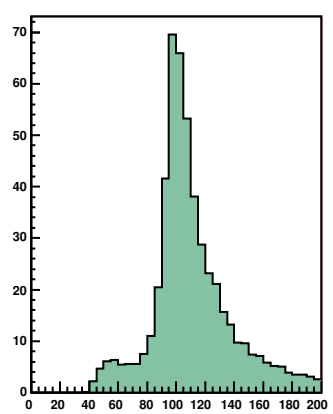
Zmumu-NN Variable lsr



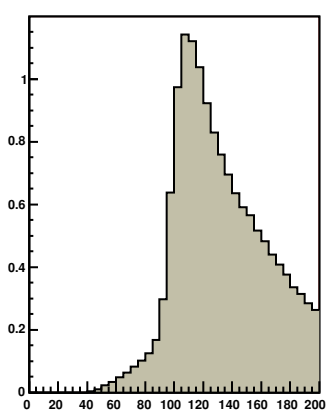
Ztautau-NN Variable lsr



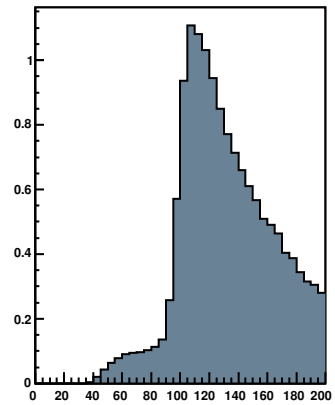
fake-NN Variable lsr



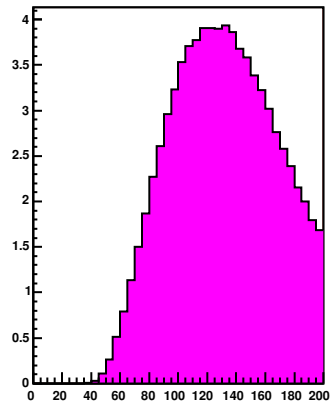
WZ-NN Variable lsr



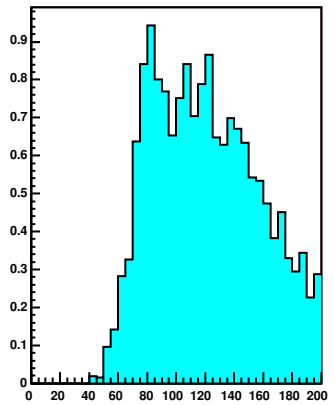
ZZ-NN Variable lsr



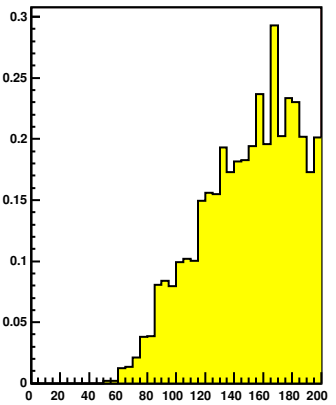
WW-NN Variable lsr



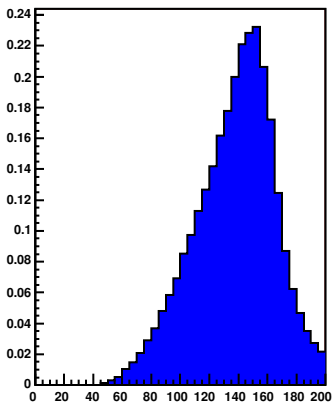
wgamma-NN Variable lsr



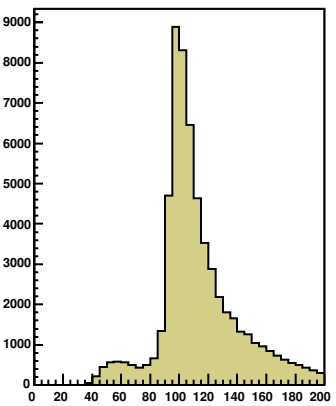
ttbar-NN Variable lsr



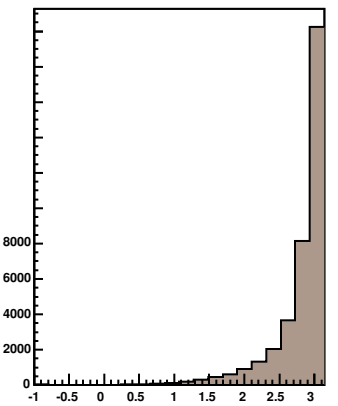
higgsww-NN Variable lsr



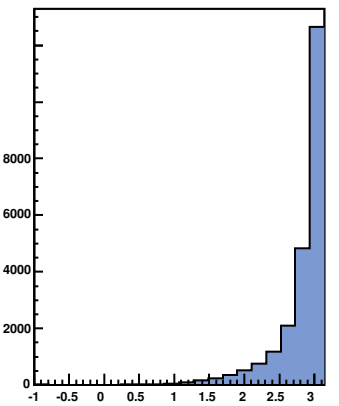
data-NN Variable lsr



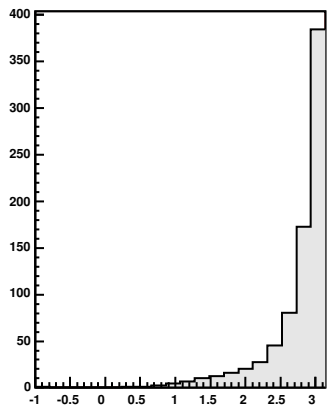
Zee-NN Variable DilPhillCorr



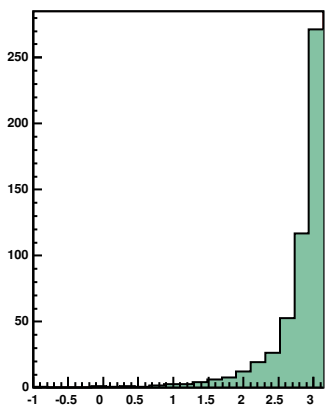
Zmumu-NN Variable DilPhillCorr



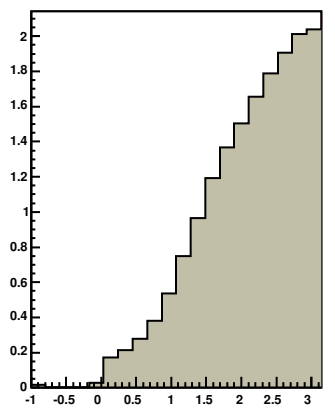
Ztautau-NN Variable DilPhillCorr



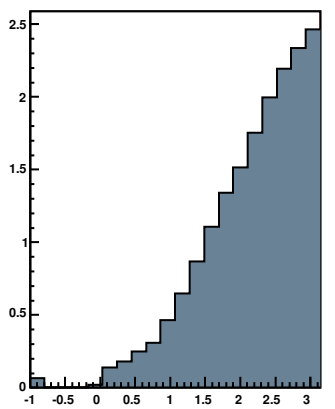
fake-NN Variable DilPhillCorr



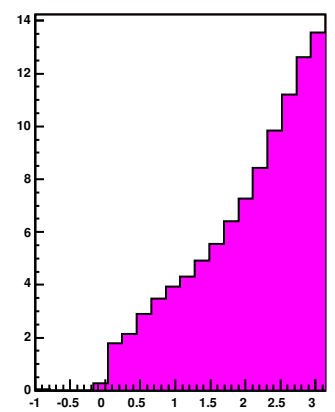
WZ-NN Variable DilPhillCorr



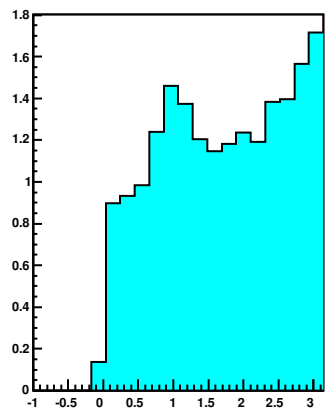
ZZ-NN Variable DilPhillCorr



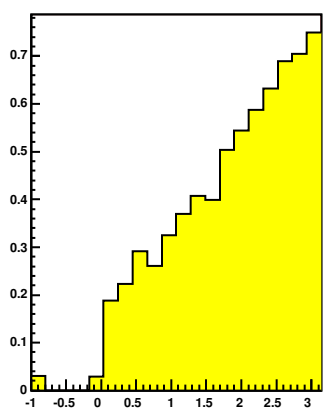
WW-NN Variable DilPhillCorr



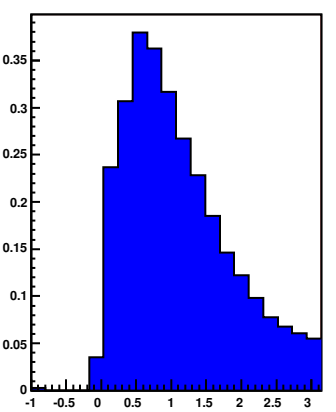
wgamma-NN Variable DilPhillCorr



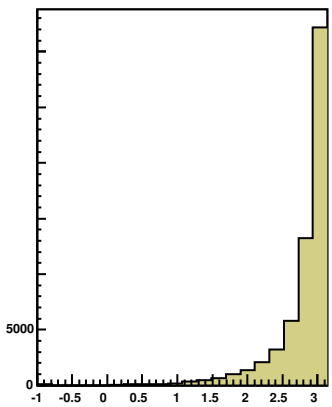
ttbar-NN Variable DilPhillCorr



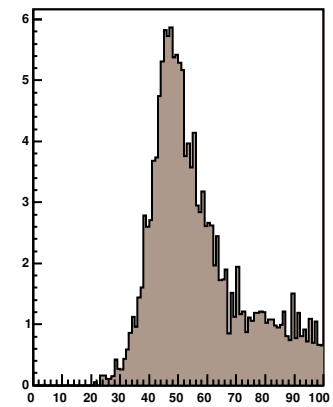
higgsww-NN Variable DilPhillCorr



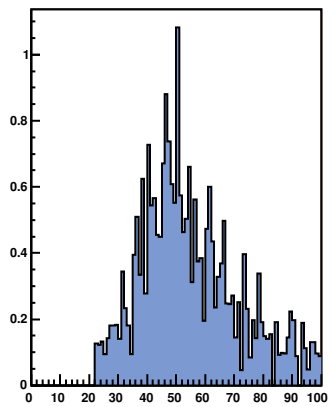
data-NN Variable DilPhillCorr



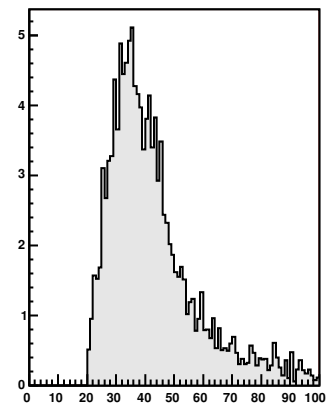
Zee-NN Variable Metsig cut LepAEn



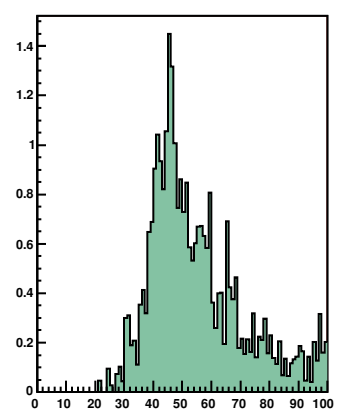
Zmumu-NN Variable Metsig cut LepAEn



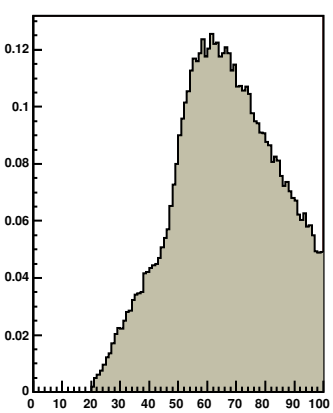
Ztautau-NN Variable Metsig cut LepAEn



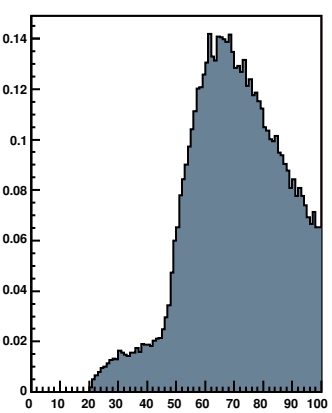
fake-NN Variable Metsig cut LepAEn



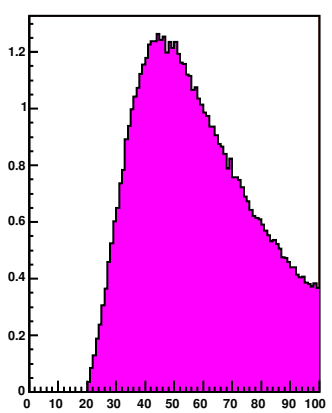
WZ-NN Variable Metsig cut LepAEn



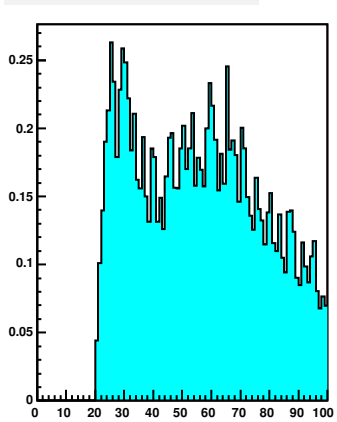
ZZ-NN Variable Metsig cut LepAEn



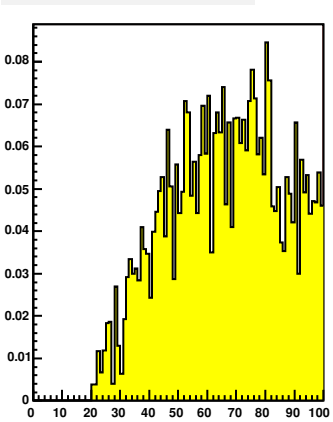
WW-NN Variable Metsig cut LepAEn



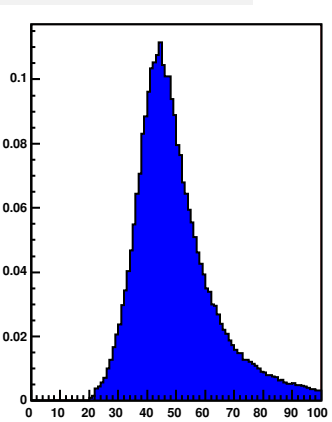
wgamma-NN Variable Metsig cut LepAEn



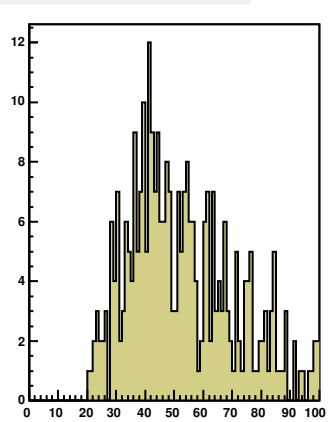
ttbar-NN Variable Metsig cut LepAEn



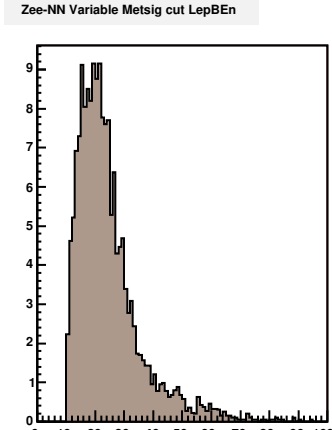
higgsww-NN Variable Metsig cut LepAEn



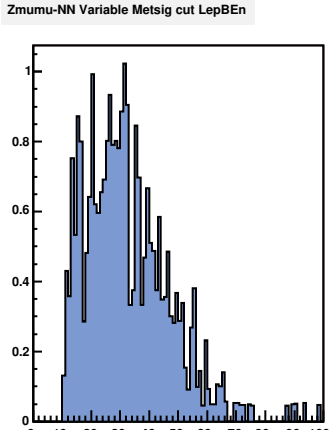
data-NN Variable Metsig cut LepAEn



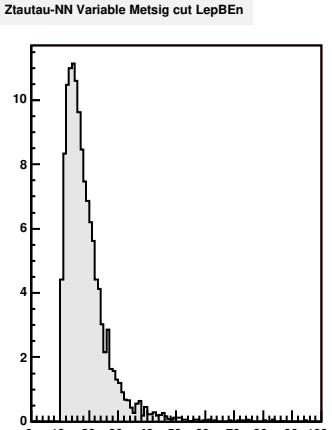
Zee-NN Variable Metsig cut LepBEn



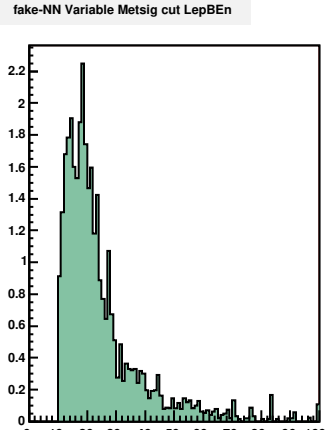
Zmumu-NN Variable Metsig cut LepBEn



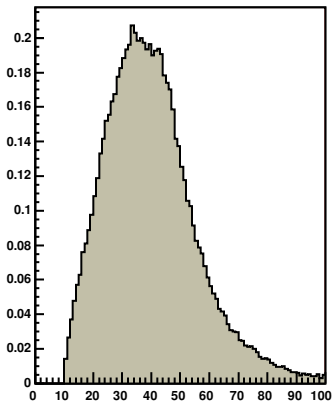
Ztautau-NN Variable Metsig cut LepBEn



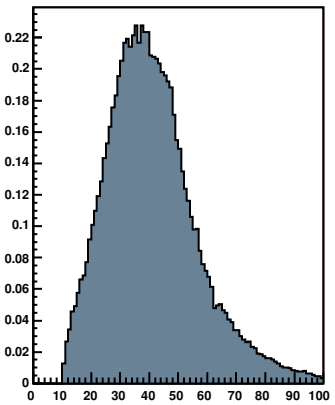
fake-NN Variable Metsig cut LepBEn



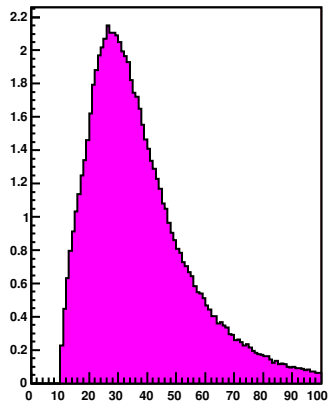
WZ-NN Variable Metsig cut LepBEn



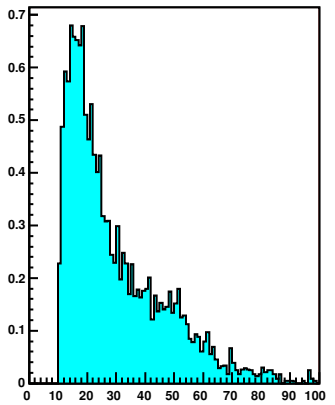
ZZ-NN Variable Metsig cut LepBEn



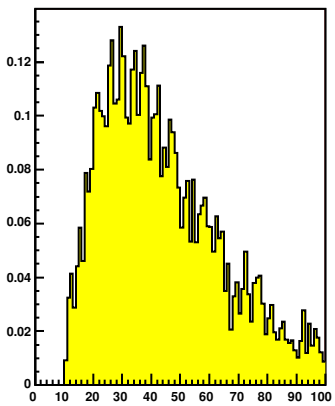
WW-NN Variable Metsig cut LepBEn



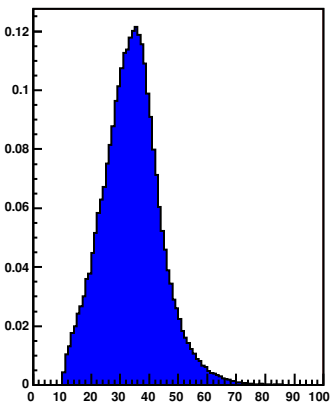
wgamma-NN Variable Metsig cut LepBEn



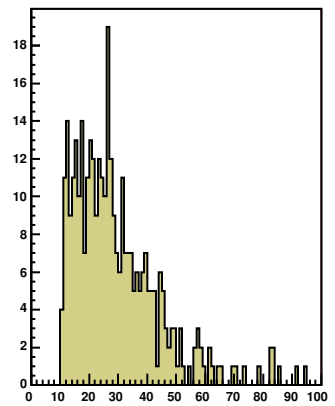
ttbar-NN Variable Metsig cut LepBEn



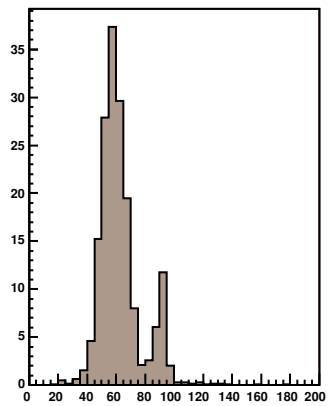
higgsww-NN Variable Metsig cut LepBEn



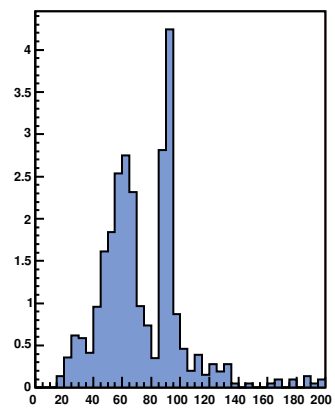
data-NN Variable Metsig cut LepBEn



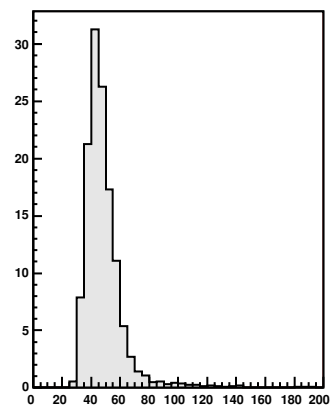
Zee-NN Variable Metsig cut dilmass



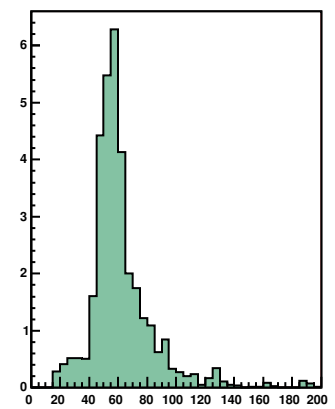
Zmumu-NN Variable Metsig cut dilmass



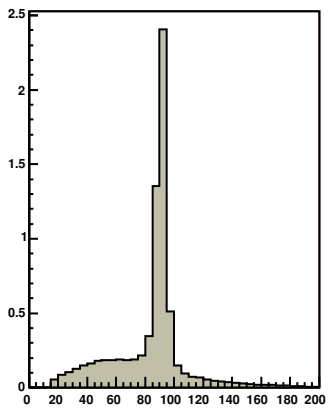
Ztautau-NN Variable Metsig cut dilmass



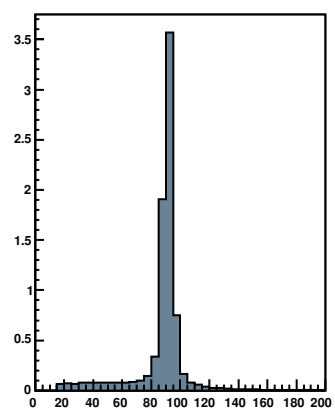
fake-NN Variable Metsig cut dilmass



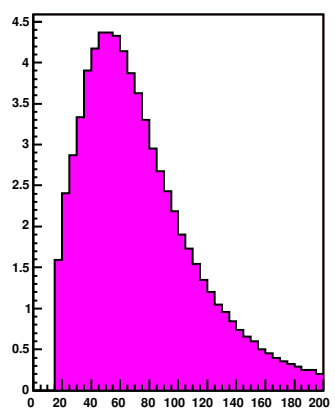
WZ-NN Variable Metsig cut dilmass



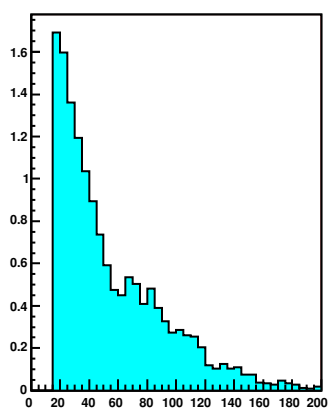
ZZ-NN Variable Metsig cut dilmass



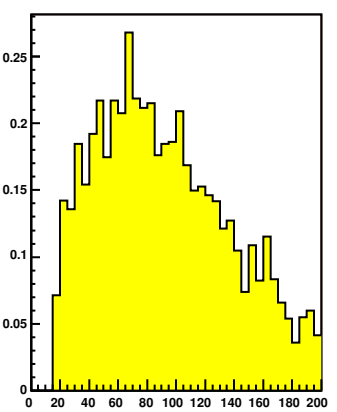
WW-NN Variable Metsig cut dilmass



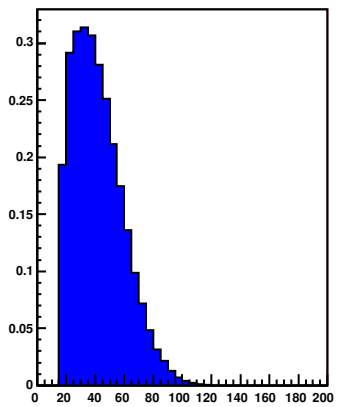
wgamma-NN Variable Metsig cut dilmass



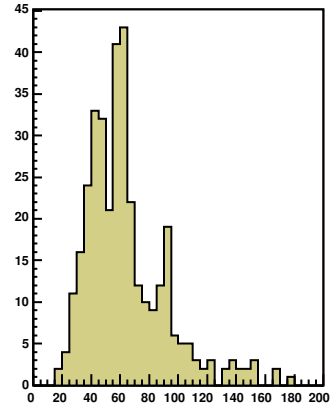
ttbar-NN Variable Metsig cut dilmass



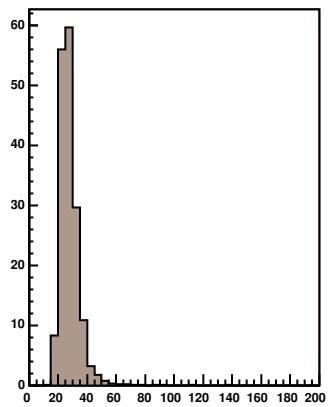
higgsww-NN Variable Metsig cut dilmass



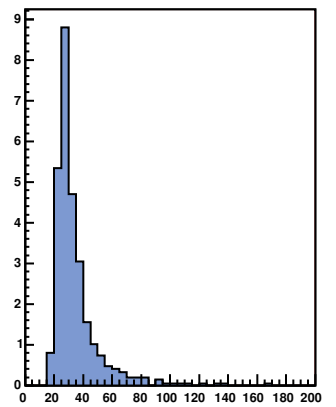
data-NN Variable Metsig cut dilmass



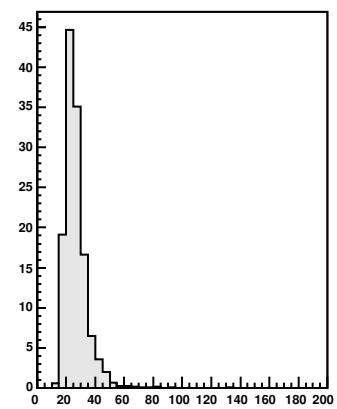
Zee-NN Variable Metsig cut metmag



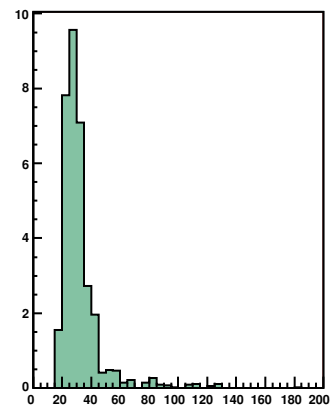
Zmumu-NN Variable Metsig cut metmag



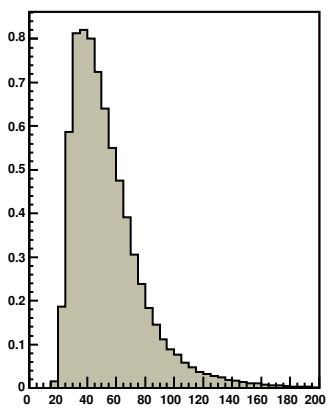
Ztautau-NN Variable Metsig cut metmag



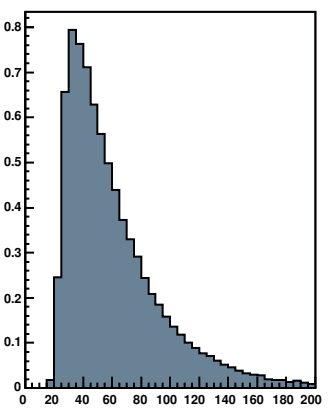
fake-NN Variable Metsig cut metmag



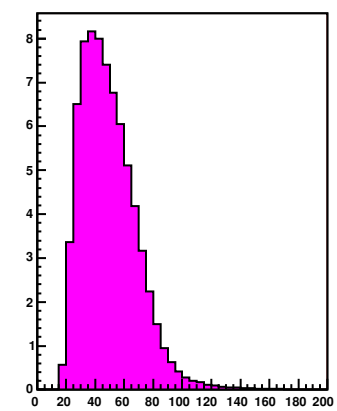
WZ-NN Variable Metsig cut metmag



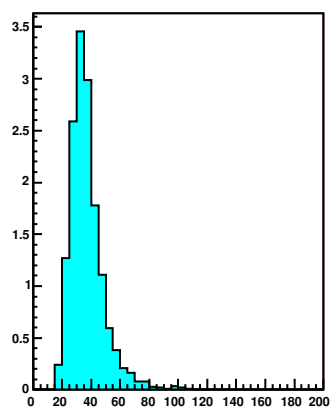
ZZ-NN Variable Metsig cut metmag



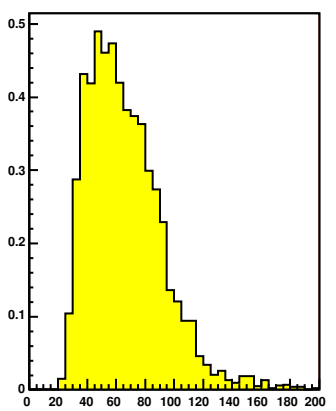
WW-NN Variable Metsig cut metmag



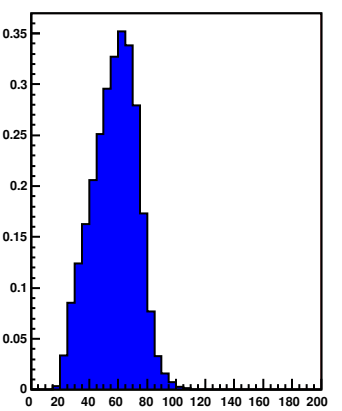
wgamma-NN Variable Metsig cut metmag



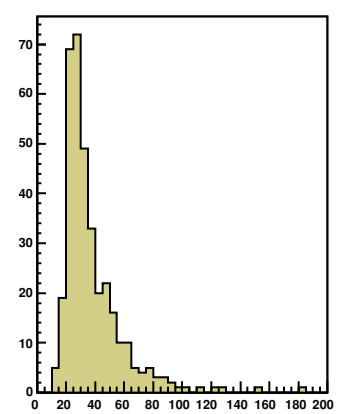
ttbar-NN Variable Metsig cut metmag



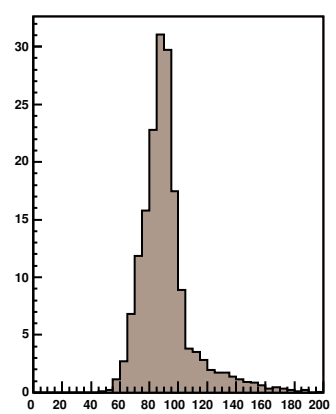
higgsww-NN Variable Metsig cut metmag



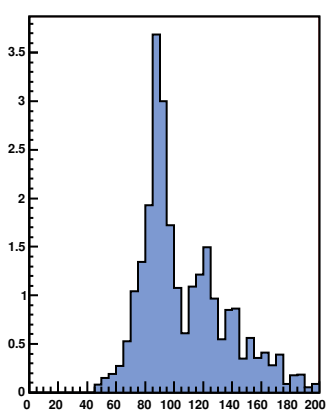
data-NN Variable Metsig cut metmag



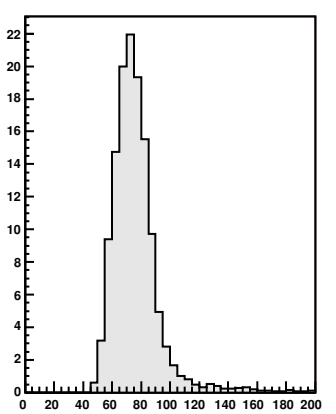
Zee-NN Variable Metsig cut addEt



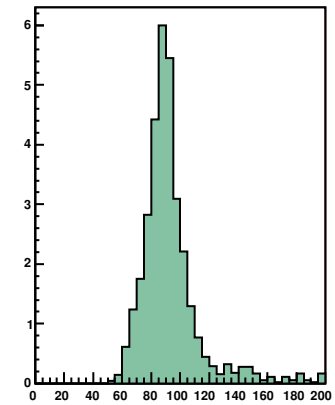
Zmumu-NN Variable Metsig cut addEt



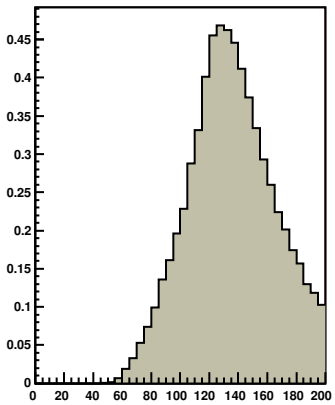
Ztautau-NN Variable Metsig cut addEt



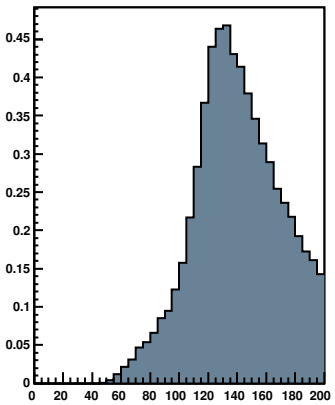
fake-NN Variable Metsig cut addEt



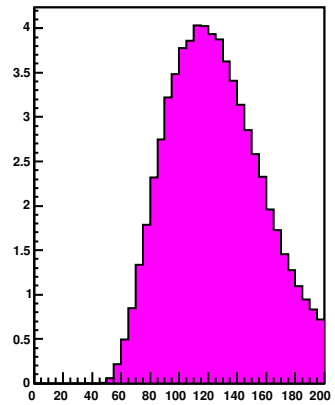
WZ-NN Variable Metsig cut addEt



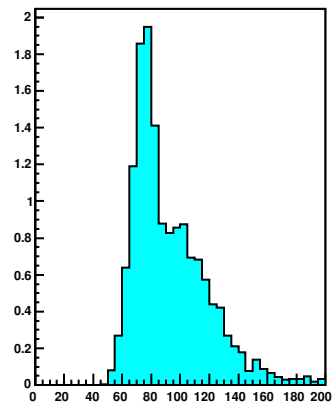
ZZ-NN Variable Metsig cut addEt



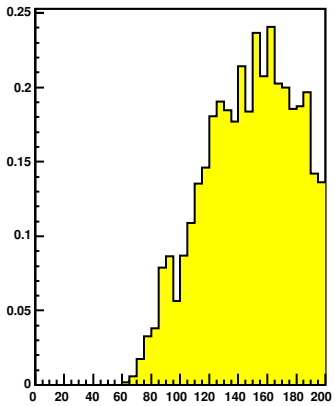
WW-NN Variable Metsig cut addEt



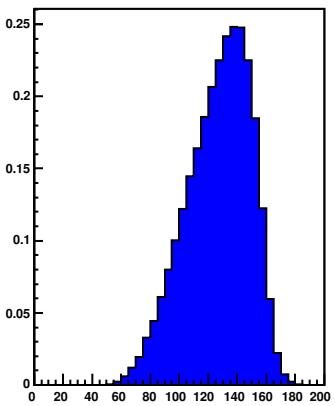
wgamma-NN Variable Metsig cut addEt



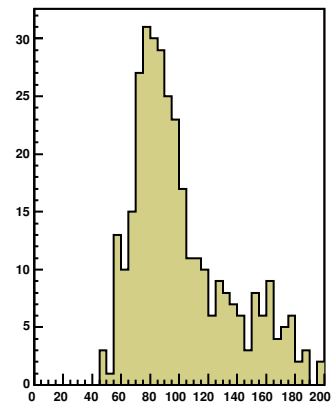
ttbar-NN Variable Metsig cut addEt



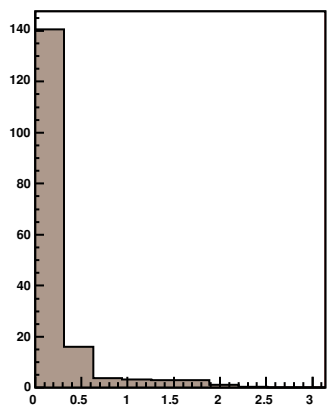
higgsww-NN Variable Metsig cut addEt



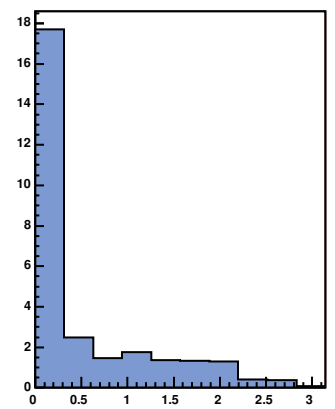
data-NN Variable Metsig cut addEt



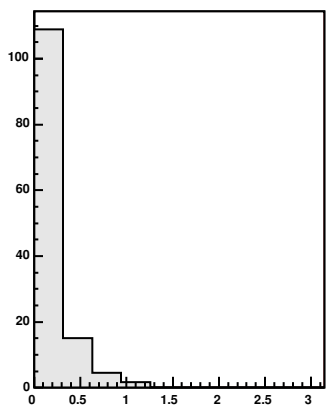
Zee-NN Variable Metsig cut dPhiMetLJ



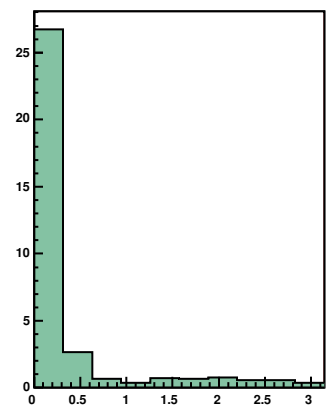
Zmumu-NN Variable Metsig cut dPhiMetLJ



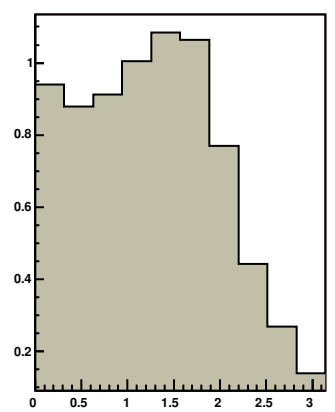
Ztautau-NN Variable Metsig cut dPhiMetLJ



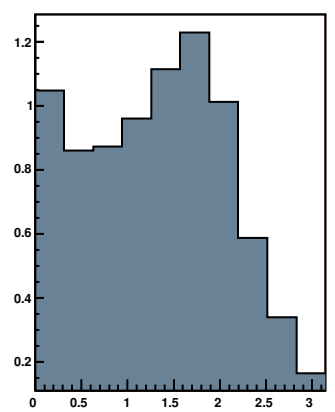
fake-NN Variable Metsig cut dPhiMetLJ



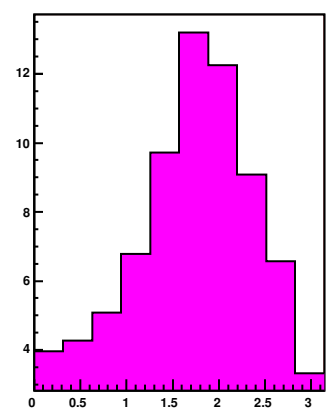
WZ-NN Variable Metsig cut dPhiMetLJ



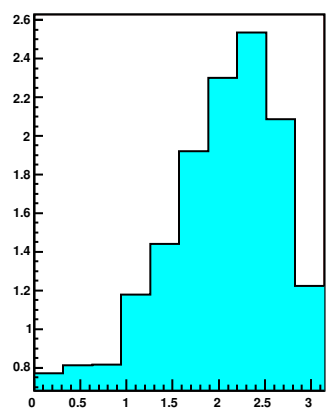
ZZ-NN Variable Metsig cut dPhiMetLJ



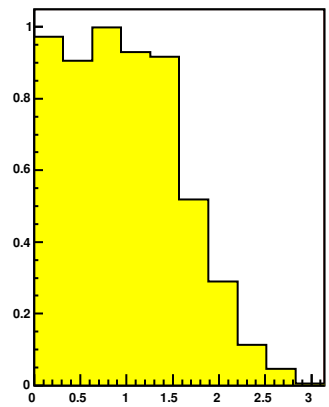
WW-NN Variable Metsig cut dPhiMetLJ



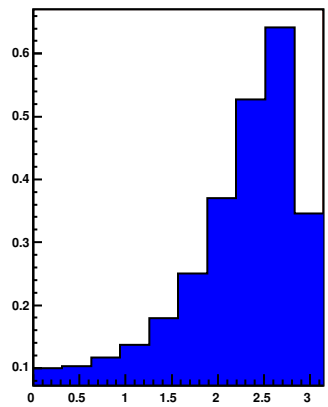
wgamma-NN Variable Metsig cut dPhiMetLJ



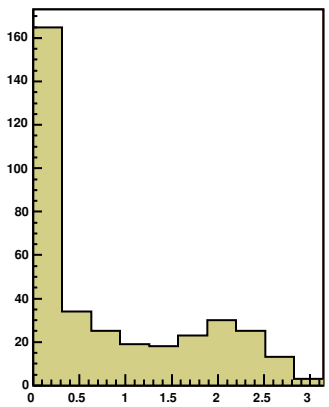
ttbar-NN Variable Metsig cut dPhiMetLJ



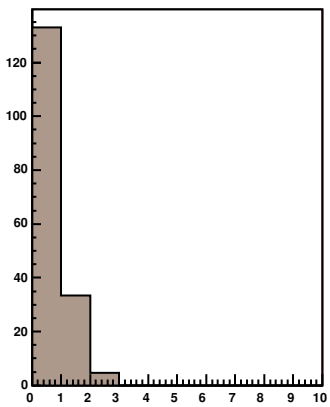
higgsww-NN Variable Metsig cut dPhiMetLJ



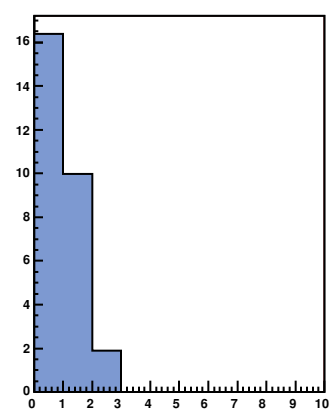
data-NN Variable Metsig cut dPhiMetLJ



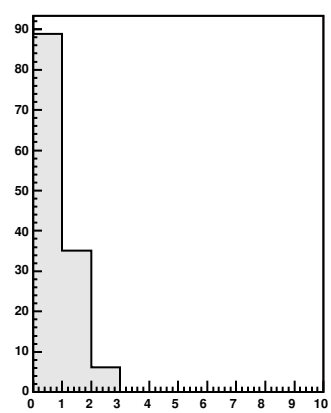
Zee-NN Variable Metsig cut tightjets



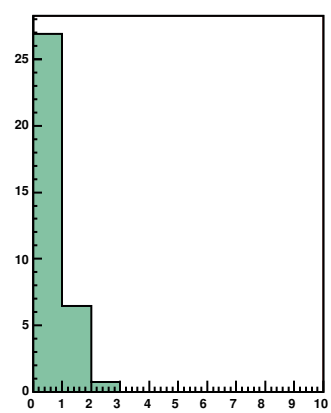
Zmumu-NN Variable Metsig cut tightjets



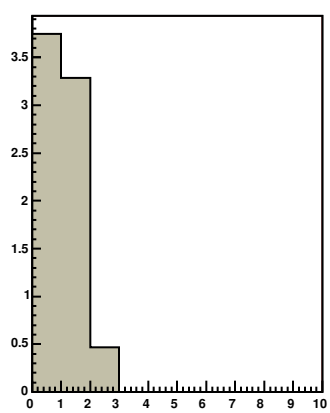
Ztautau-NN Variable Metsig cut tightjets



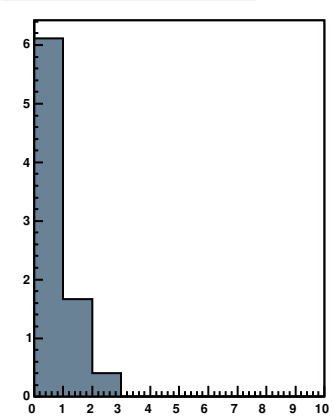
fake-NN Variable Metsig cut tightjets



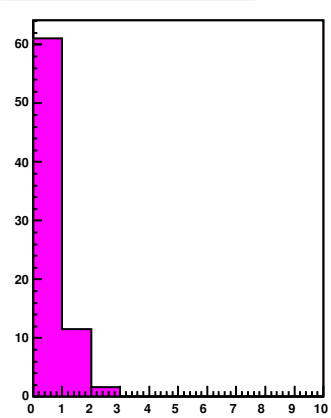
WZ-NN Variable Metsig cut tightjets



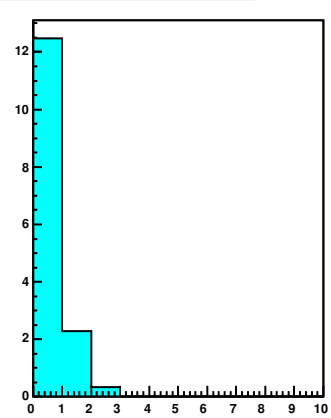
ZZ-NN Variable Metsig cut tightjets



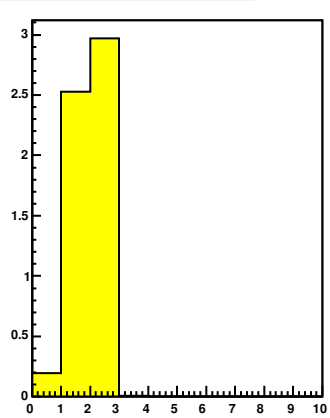
WW-NN Variable Metsig cut tightjets



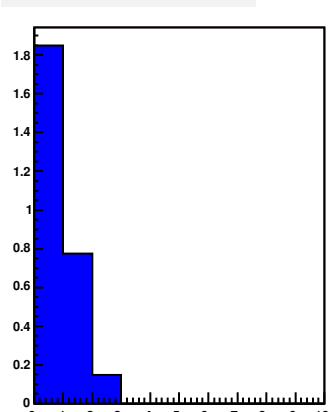
wgamma-NN Variable Metsig cut tightjets



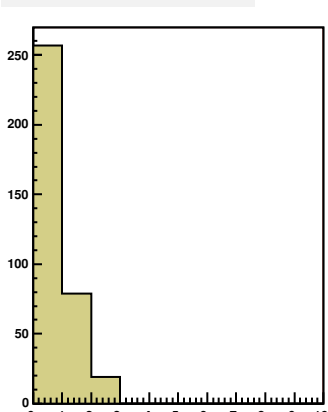
ttbar-NN Variable Metsig cut tightjets



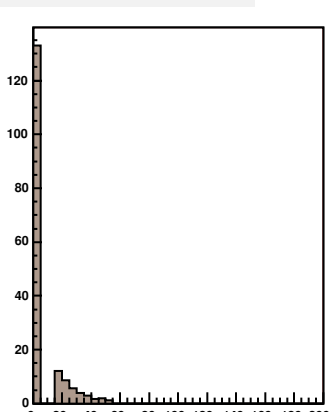
higgsww-NN Variable Metsig cut tightjets



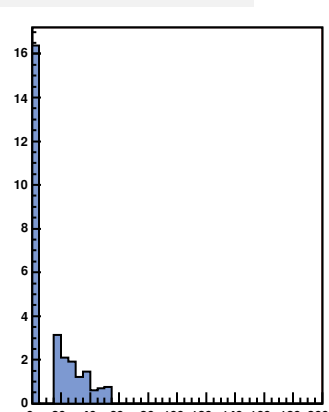
data-NN Variable Metsig cut tightjets



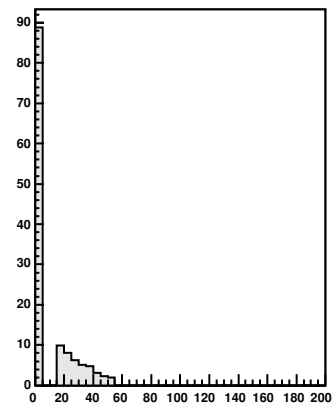
Zee-NN Variable Metsig cut jet1_Et



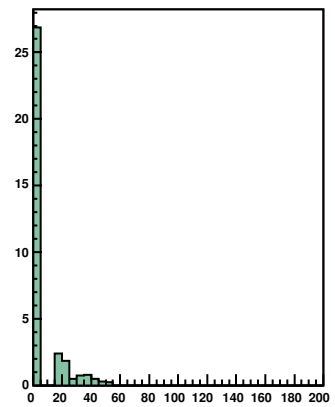
Zmumu-NN Variable Metsig cut jet1_Et



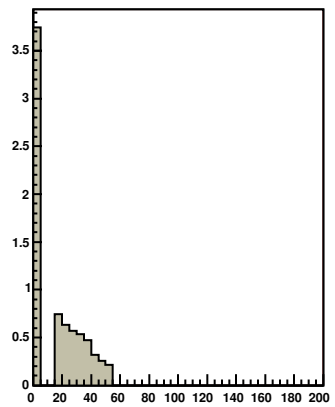
Ztautau-NN Variable Metsig cut jet1_Et



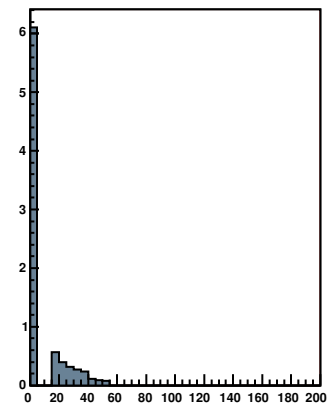
fake-NN Variable Metsig cut jet1_Et



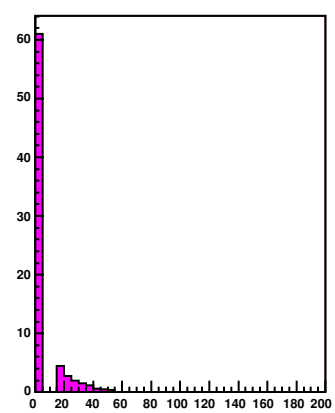
WZ-NN Variable Metsig cut jet1_Et



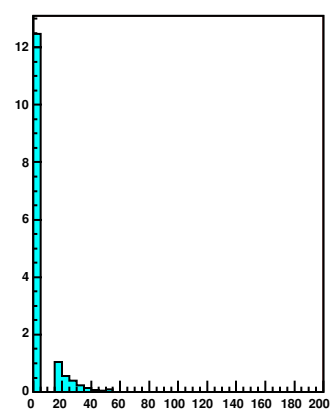
ZZ-NN Variable Metsig cut jet1_Et



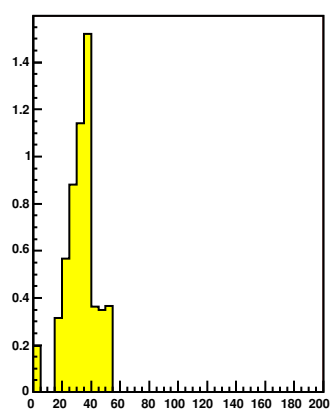
WW-NN Variable Metsig cut jet1_Et



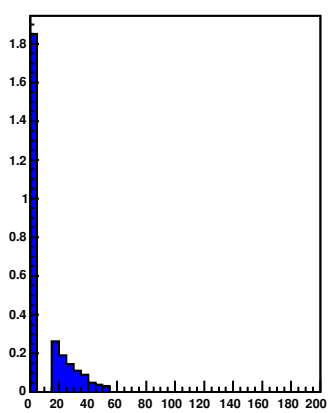
wgamma-NN Variable Metsig cut jet1_Et



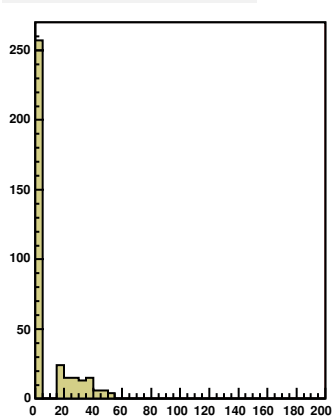
ttbar-NN Variable Metsig cut jet1_Et



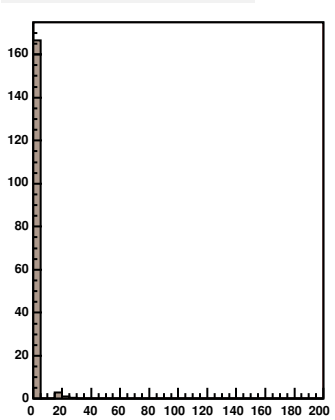
higgsww-NN Variable Metsig cut jet1_Et



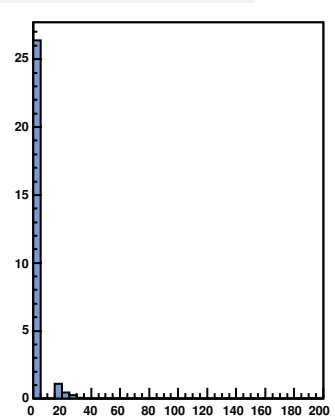
data-NN Variable Metsig cut jet1_Et



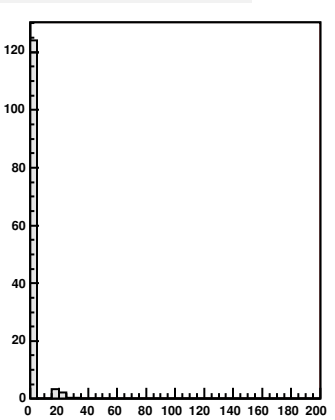
Zee-NN Variable Metsig cut jet2_Et



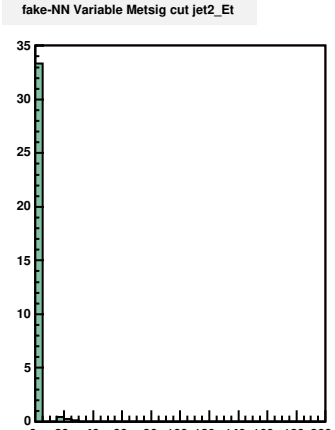
Zmumu-NN Variable Metsig cut jet2_Et



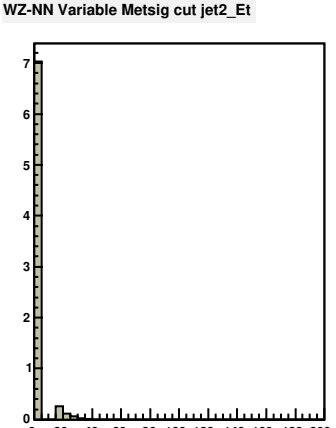
Ztautau-NN Variable Metsig cut jet2_Et



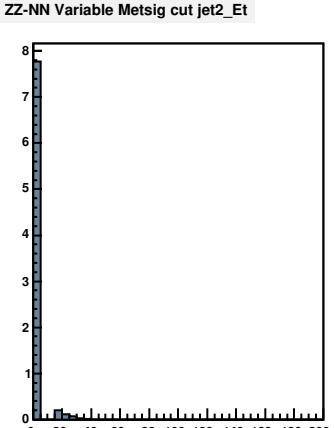
fake-NN Variable Metsig cut jet2_Et



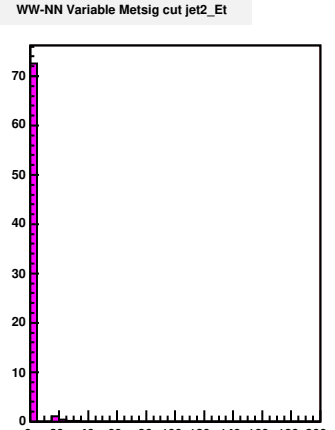
WZ-NN Variable Metsig cut jet2_Et



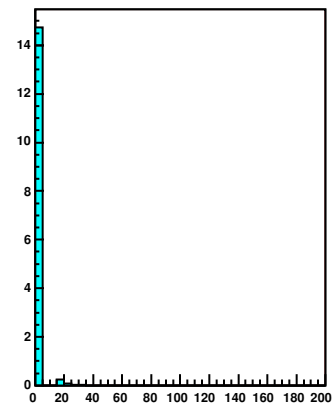
ZZ-NN Variable Metsig cut jet2_Et



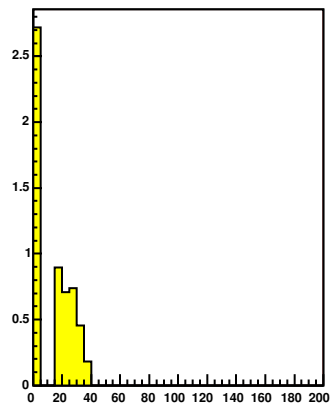
WW-NN Variable Metsig cut jet2_Et



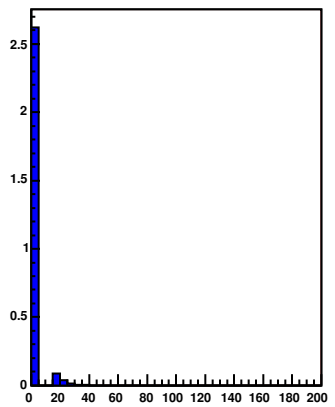
wgamma-NN Variable Metsig cut jet2_Et



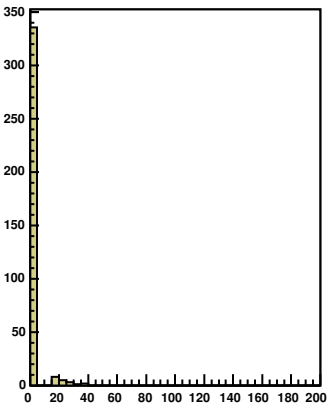
ttbar-NN Variable Metsig cut jet2_Et



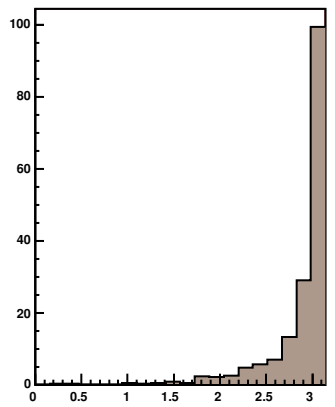
higgsww-NN Variable Metsig cut jet2_Et



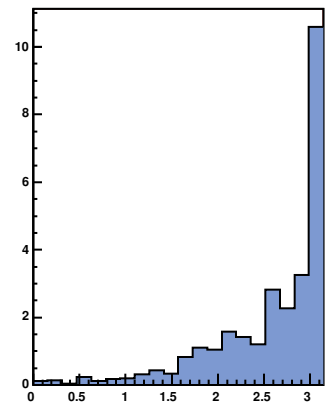
data-NN Variable Metsig cut jet2_Et



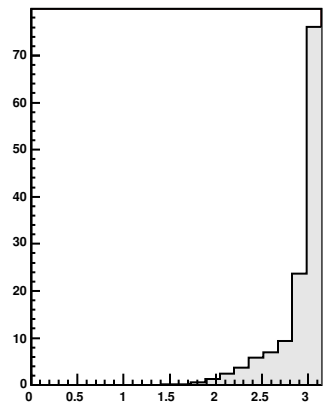
Zee-NN Variable Metsig cut dildphi



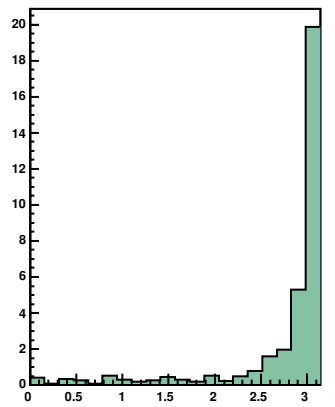
Zmumu-NN Variable Metsig cut dildphi



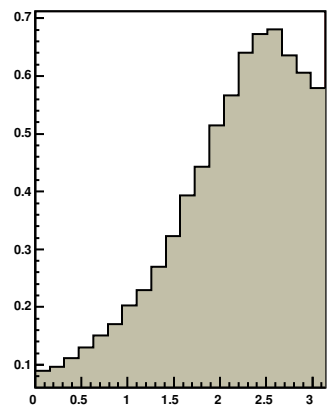
Ztautau-NN Variable Metsig cut dildphi



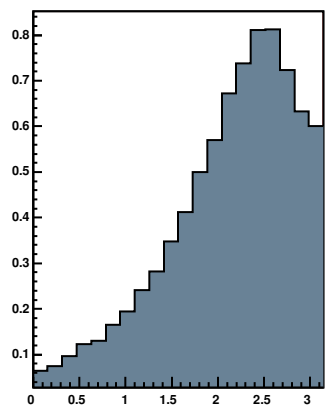
fake-NN Variable Metsig cut dildphi



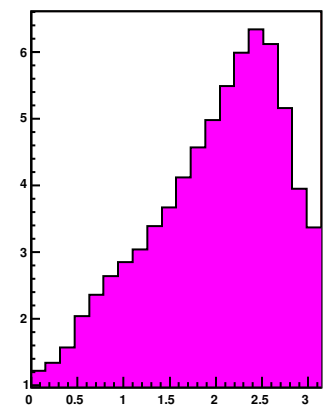
WZ-NN Variable Metsig cut dildphi



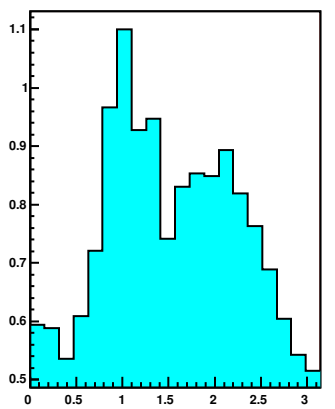
ZZ-NN Variable Metsig cut dildphi



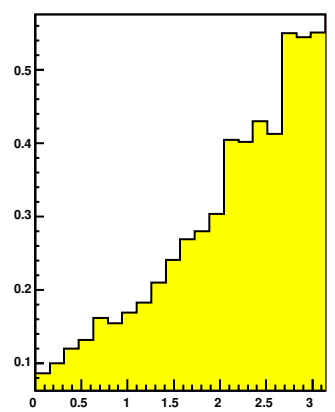
WW-NN Variable Metsig cut dildphi



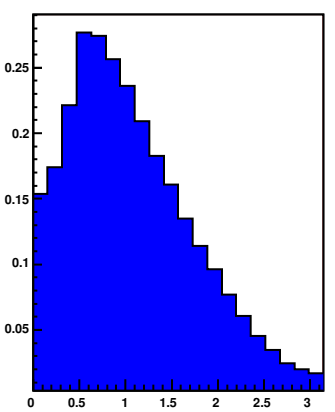
wgamma-NN Variable Metsig cut dildphi



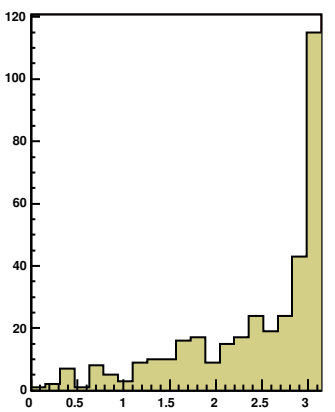
ttbar-NN Variable Metsig cut dildphi



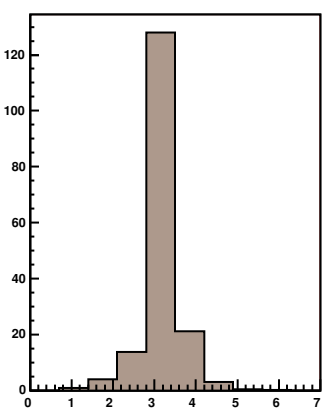
higgsww-NN Variable Metsig cut dildphi



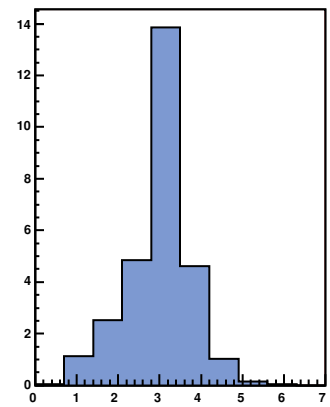
data-NN Variable Metsig cut dildphi



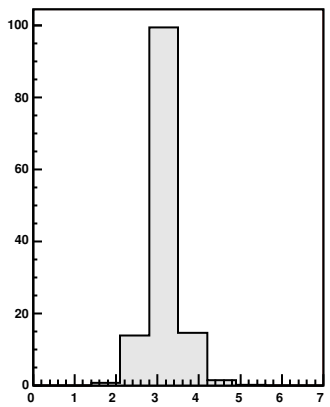
Zee-NN Variable Metsig cut lepR



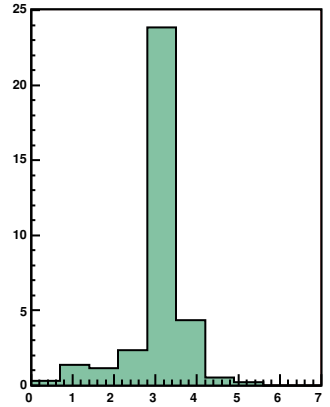
Zmumu-NN Variable Metsig cut lepR



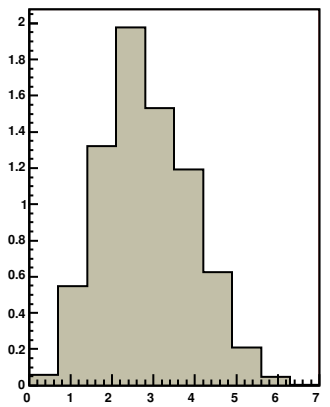
Ztautau-NN Variable Metsig cut lepR



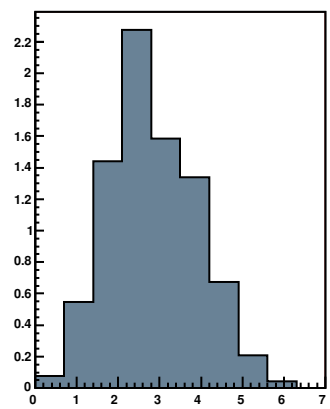
fake-NN Variable Metsig cut lepR



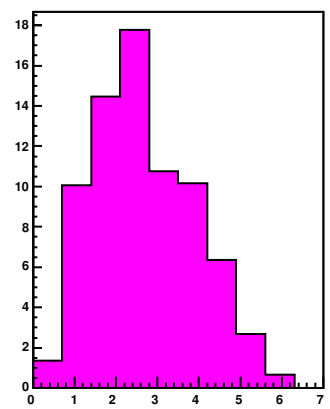
WZ-NN Variable Metsig cut lepR



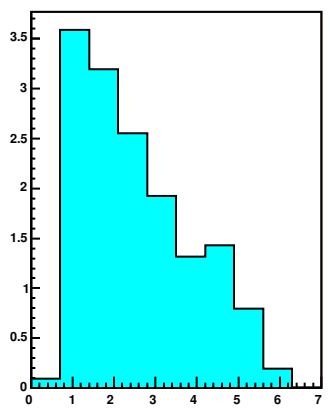
ZZ-NN Variable Metsig cut lepR



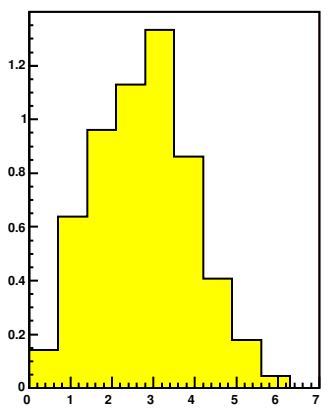
WW-NN Variable Metsig cut lepR



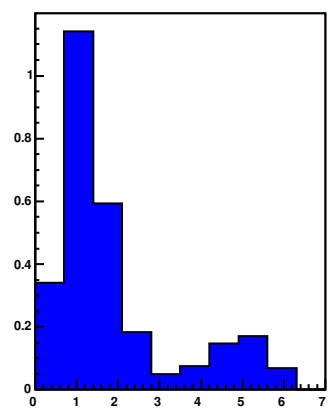
wgamma-NN Variable Metsig cut lepR



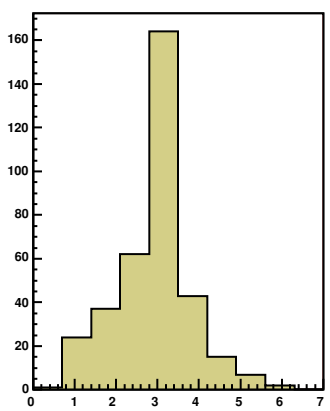
ttbar-NN Variable Metsig cut lepR



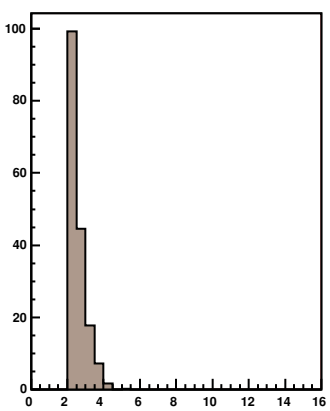
higgsww-NN Variable Metsig cut lepR



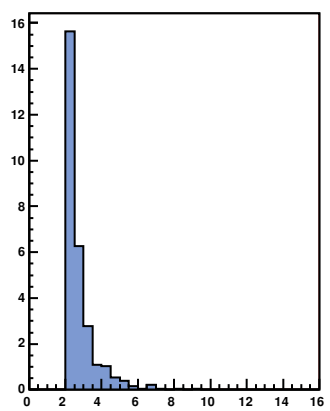
data-NN Variable Metsig cut lepR



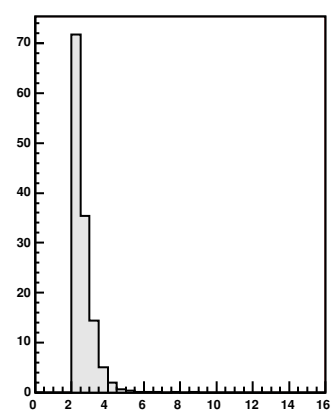
Zee-NN Variable Metsig cut metsig



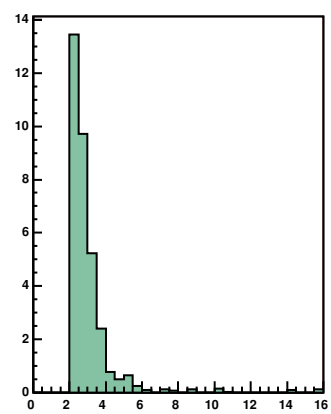
Zmumu-NN Variable Metsig cut metsig



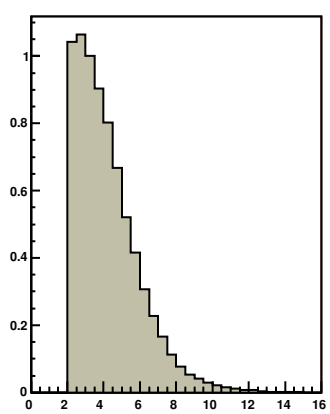
Ztautau-NN Variable Metsig cut metsig



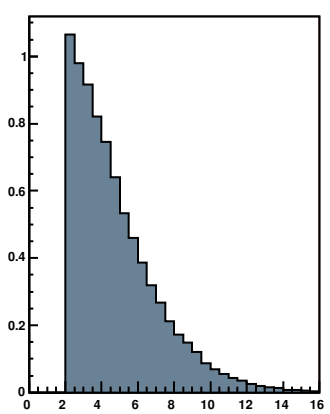
fake-NN Variable Metsig cut metsig



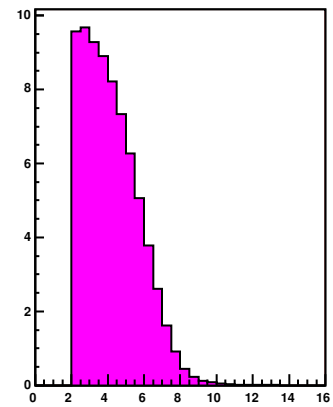
WZ-NN Variable Metsig cut metsig



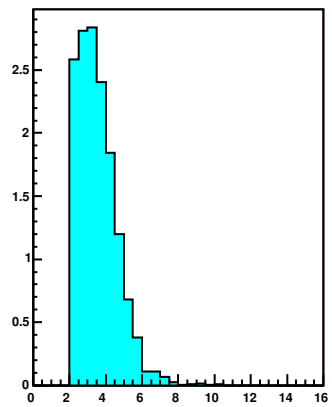
ZZ-NN Variable Metsig cut metsig



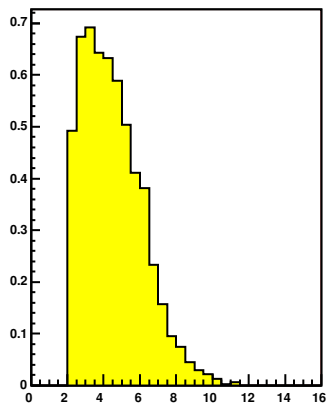
WW-NN Variable Metsig cut metsig



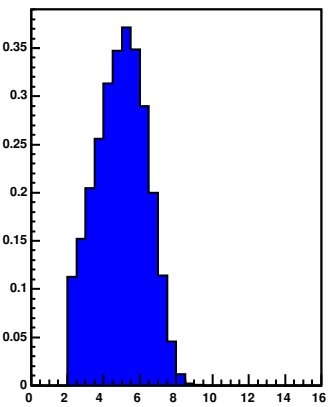
wgamma-NN Variable Metsig cut metsig



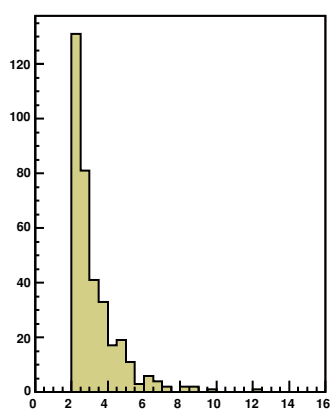
ttbar-NN Variable Metsig cut metsig



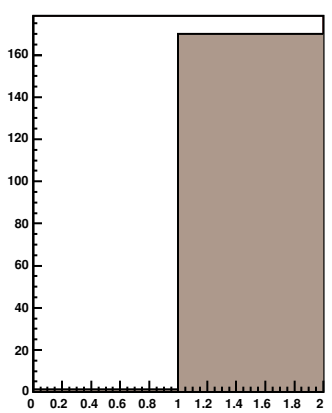
higgsww-NN Variable Metsig cut metsig



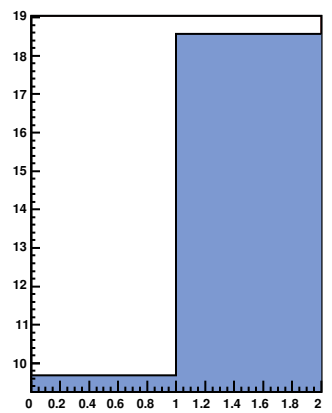
data-NN Variable Metsig cut metsig



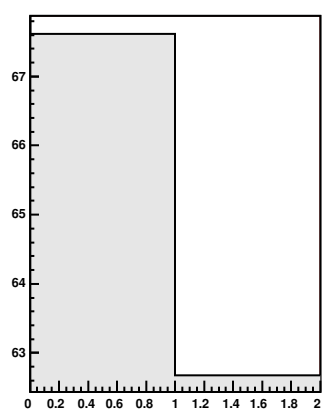
Zee-NN Variable Metsig cut diltype



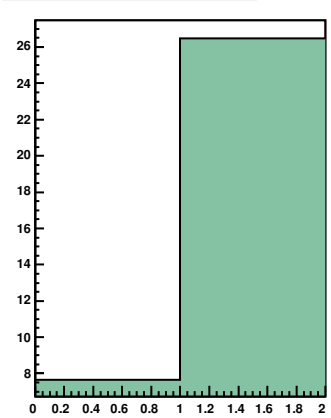
Zmumu-NN Variable Metsig cut diltype



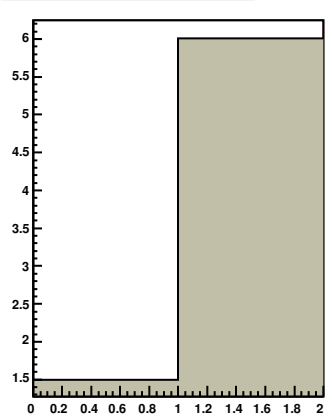
Ztautau-NN Variable Metsig cut diltype



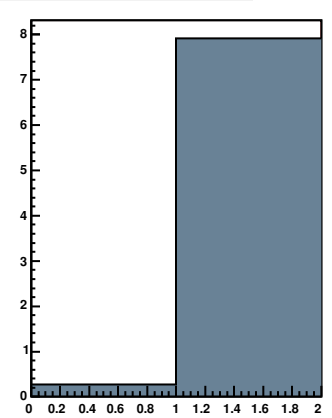
fake-NN Variable Metsig cut diltype



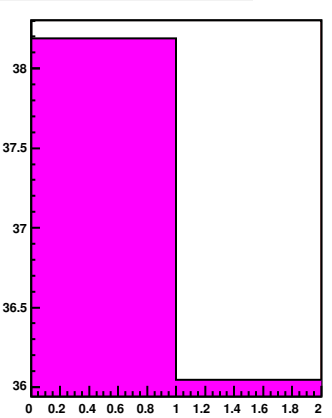
WZ-NN Variable Metsig cut diltype



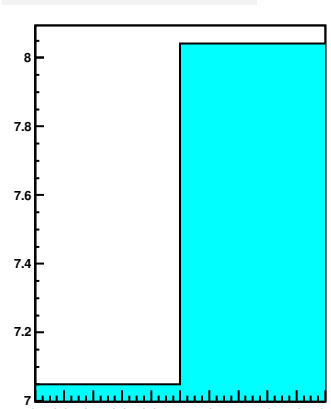
ZZ-NN Variable Metsig cut diltype



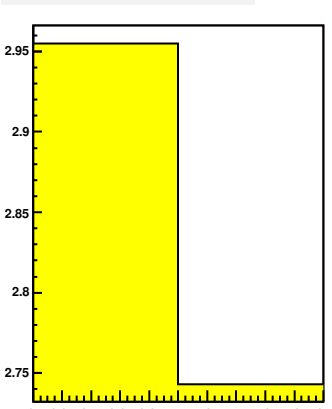
WW-NN Variable Metsig cut diltype



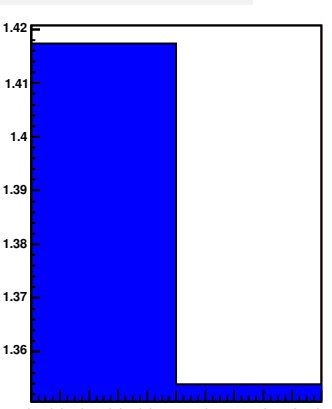
wgamma-NN Variable Metsig cut diltype



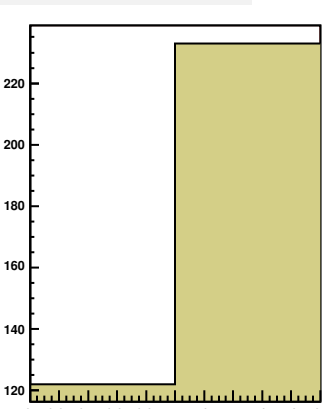
ttbar-NN Variable Metsig cut diltype



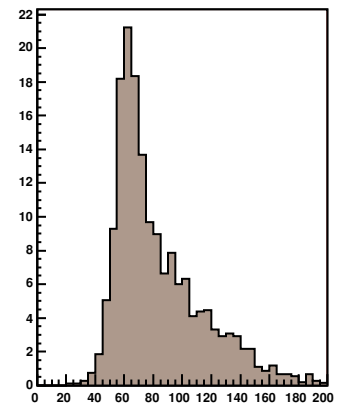
higgsww-NN Variable Metsig cut diltype



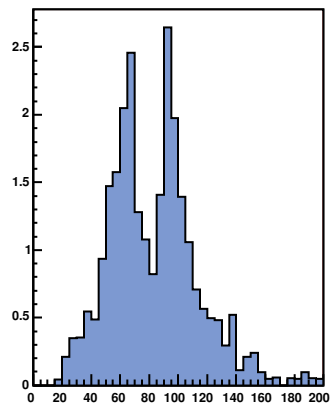
data-NN Variable Metsig cut diltype



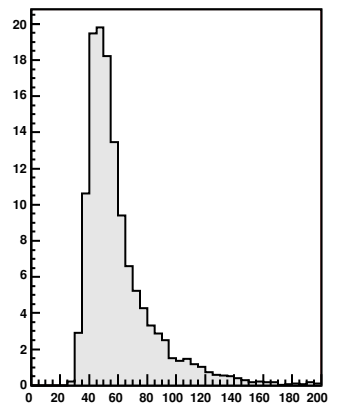
Zee-NN Variable Metsig cut Mt_ll



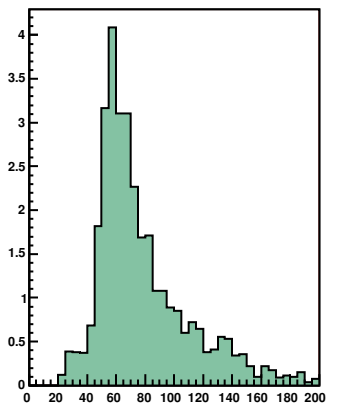
Zmumu-NN Variable Metsig cut Mt_ll



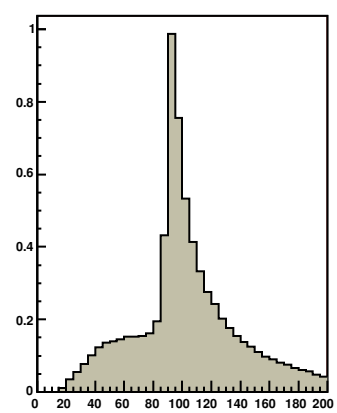
Ztautau-NN Variable Metsig cut Mt_ll



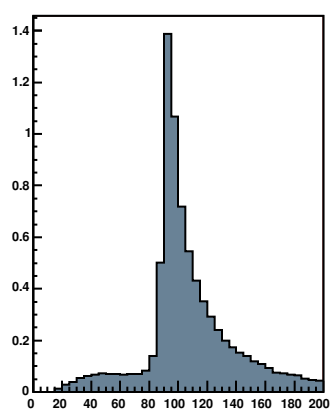
fake-NN Variable Metsig cut Mt_ll



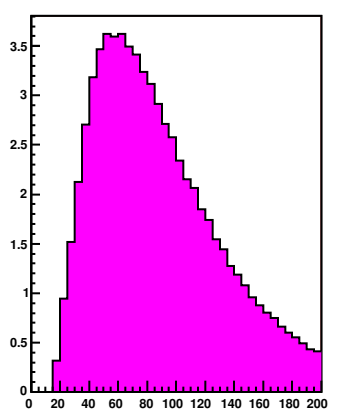
WZ-NN Variable Metsig cut Mt_ll



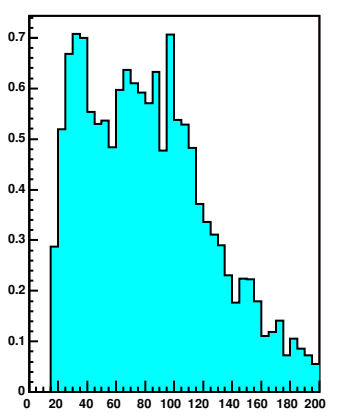
ZZ-NN Variable Metsig cut Mt_ll



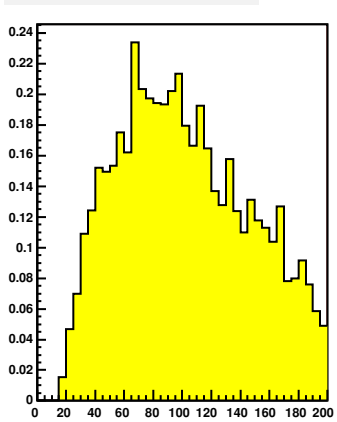
WW-NN Variable Metsig cut Mt_ll



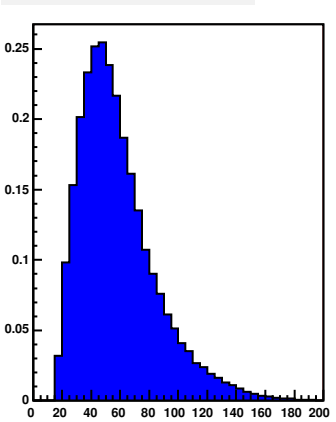
wgamma-NN Variable Metsig cut Mt_ll



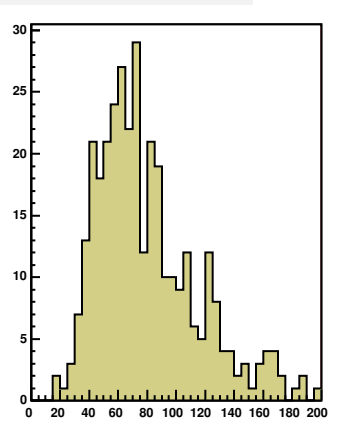
ttbar-NN Variable Metsig cut Mt_ll



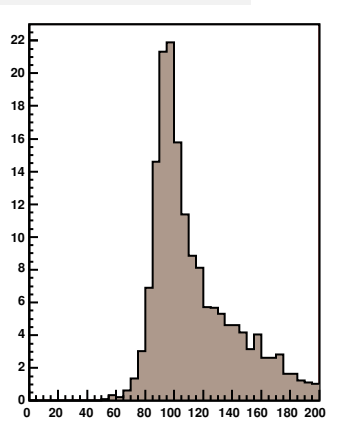
higgsww-NN Variable Metsig cut Mt_ll



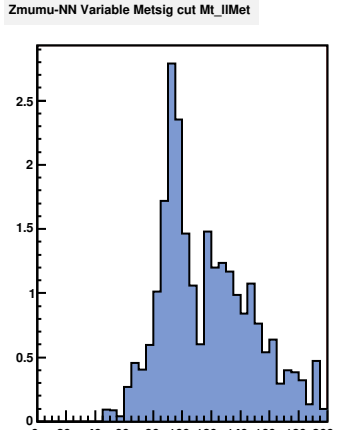
data-NN Variable Metsig cut Mt_ll



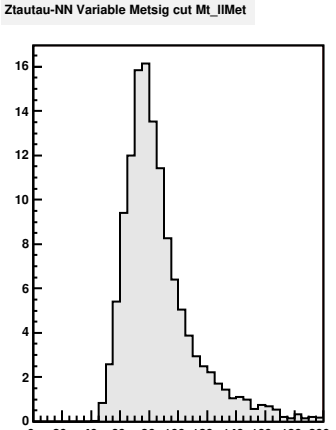
Zee-NN Variable Metsig cut Mt_llMet



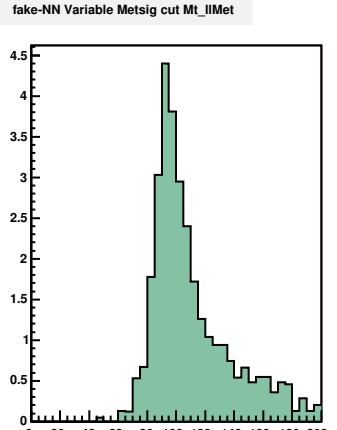
Zmumu-NN Variable Metsig cut Mt_llMet



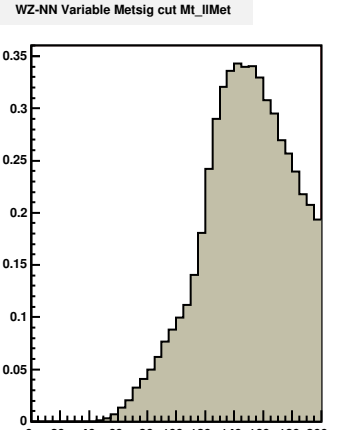
Ztautau-NN Variable Metsig cut Mt_llMet



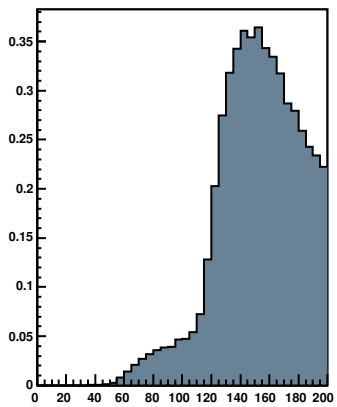
fake-NN Variable Metsig cut Mt_llMet



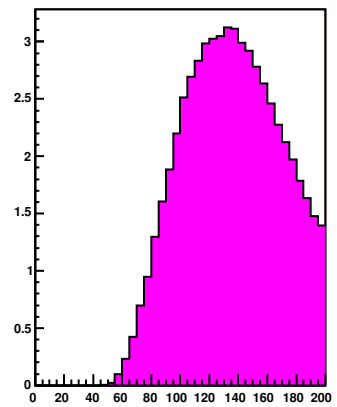
WZ-NN Variable Metsig cut Mt_llMet



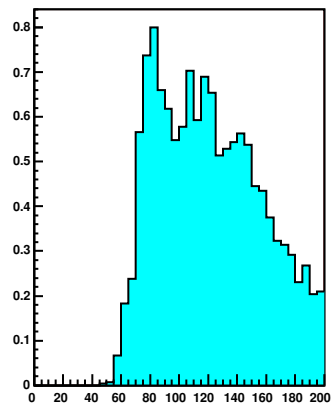
ZZ-NN Variable Metsig cut Mt_llMet



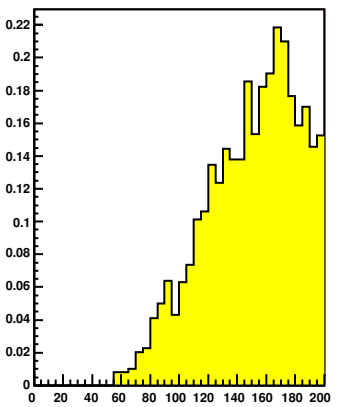
WW-NN Variable Metsig cut Mt_llMet



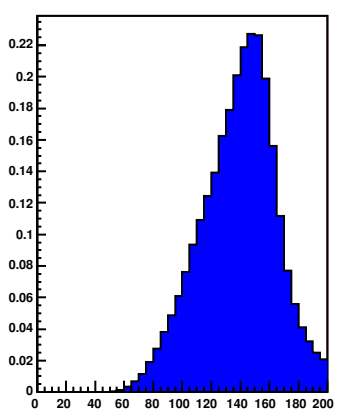
wgamma-NN Variable Metsig cut Mt_llMet



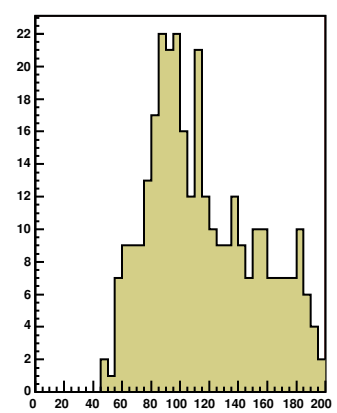
ttbar-NN Variable Metsig cut Mt_llMet



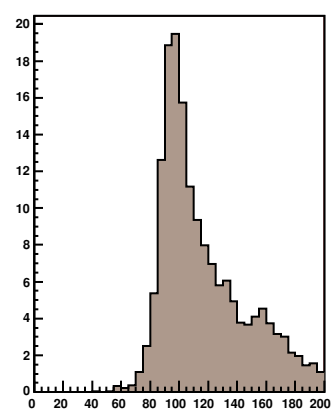
higgsww-NN Variable Metsig cut Mt_llMet



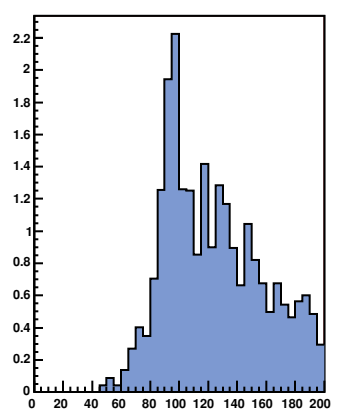
data-NN Variable Metsig cut Mt_llMet



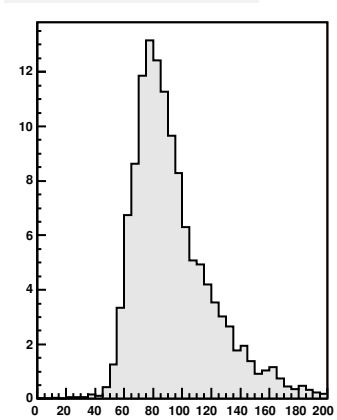
Zee-NN Variable Metsig cut Mt_All



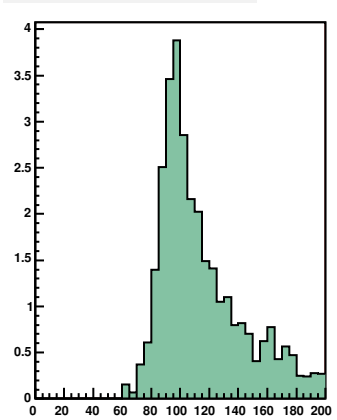
Zmumu-NN Variable Metsig cut Mt_All



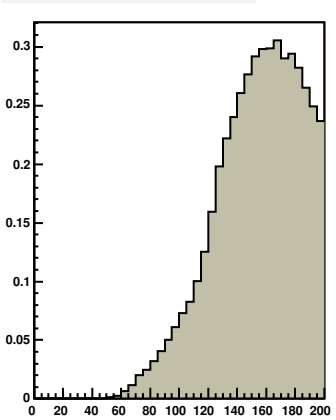
Ztautau-NN Variable Metsig cut Mt_All



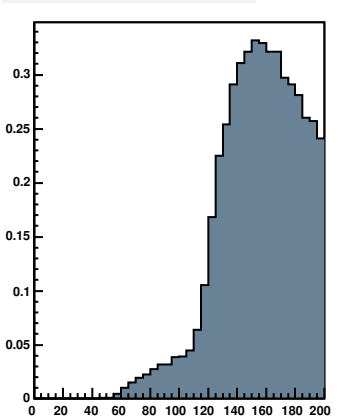
fake-NN Variable Metsig cut Mt_All



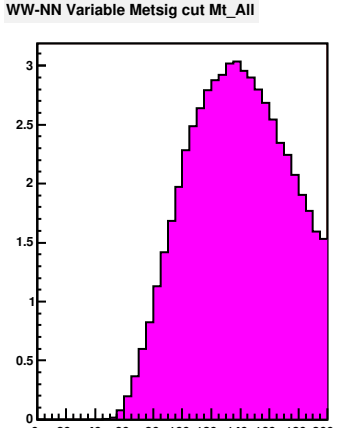
WZ-NN Variable Metsig cut Mt_All



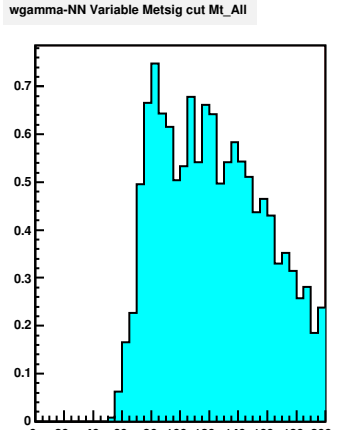
ZZ-NN Variable Metsig cut Mt_All



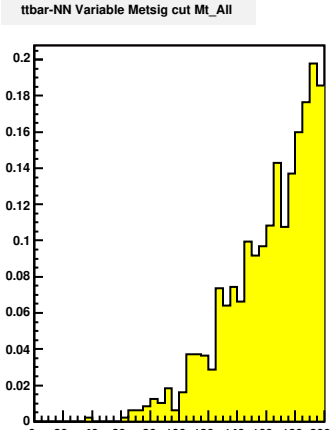
WW-NN Variable Metsig cut Mt_All



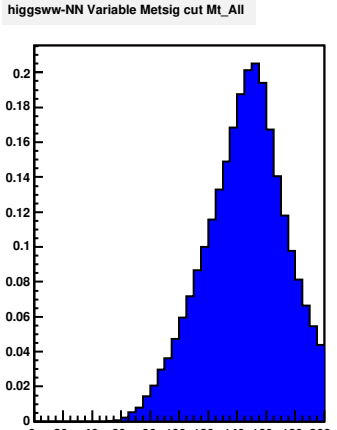
wgamma-NN Variable Metsig cut Mt_All



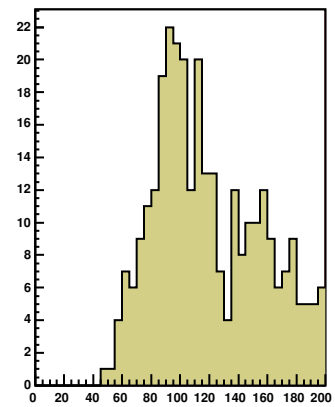
ttbar-NN Variable Metsig cut Mt_All



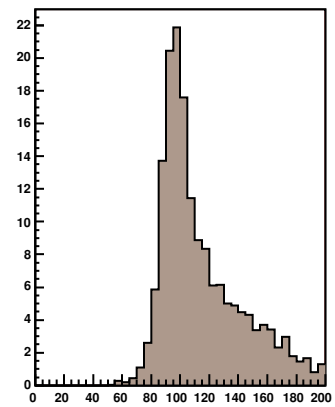
higgsww-NN Variable Metsig cut Mt_All



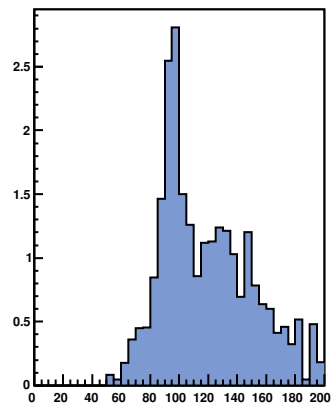
data-NN Variable Metsig cut Mt_All



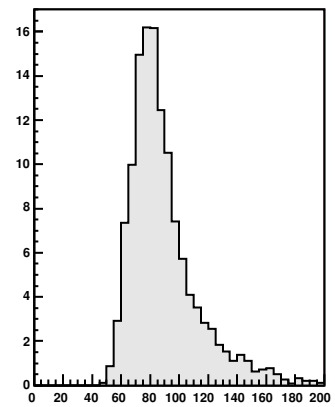
Zee-NN Variable Metsig cut lsr



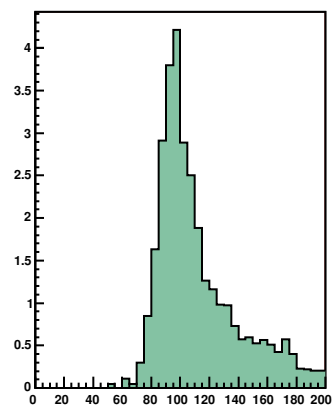
Zmumu-NN Variable Metsig cut lsr



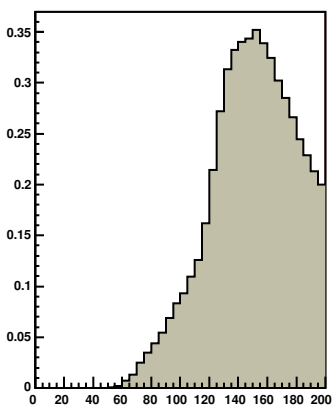
Ztautau-NN Variable Metsig cut lsr



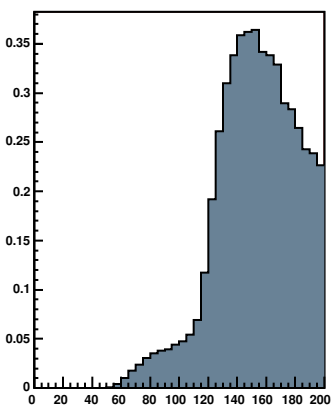
fake-NN Variable Metsig cut lsr



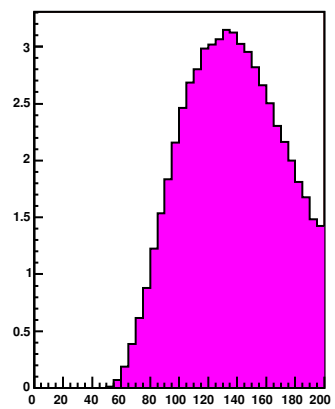
WZ-NN Variable Metsig cut lsr



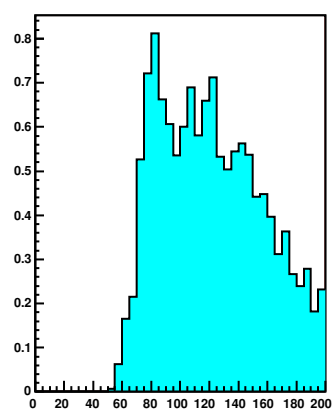
ZZ-NN Variable Metsig cut lsr



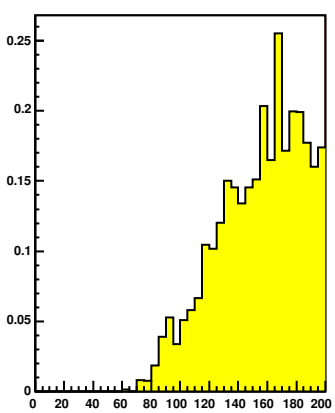
WW-NN Variable Metsig cut lsr



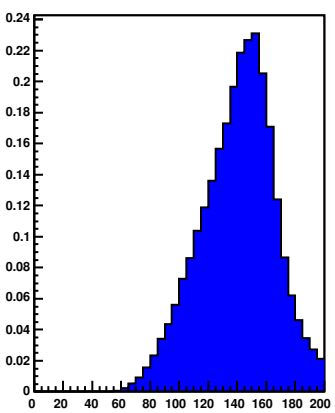
wgamma-NN Variable Metsig cut lsr



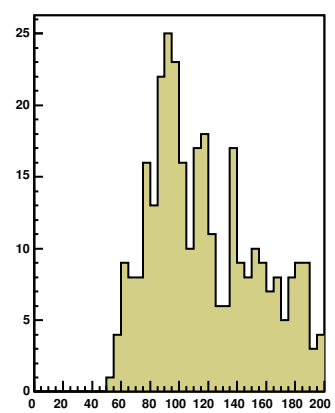
ttbar-NN Variable Metsig cut lsr



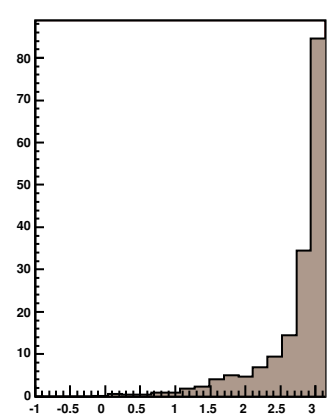
higgsww-NN Variable Metsig cut lsr



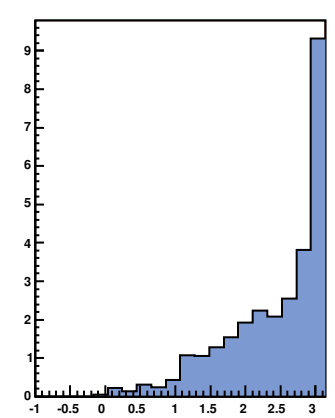
data-NN Variable Metsig cut lsr



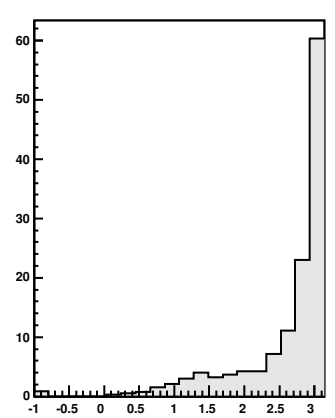
Zee-NN Variable Metsig cut DilPhillCorr



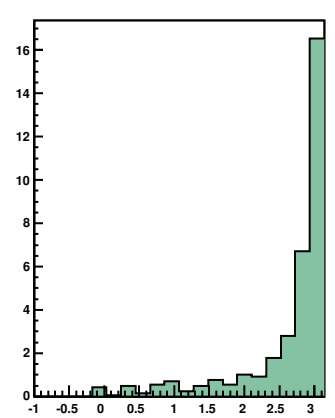
Zmumu-NN Variable Metsig cut DilPhillCorr



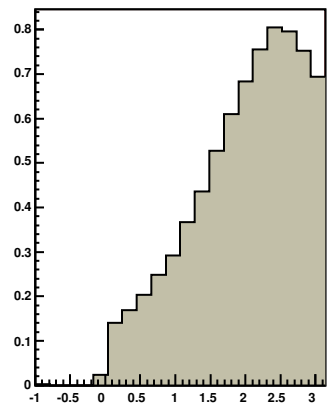
Ztautau-NN Variable Metsig cut DilPhillCorr



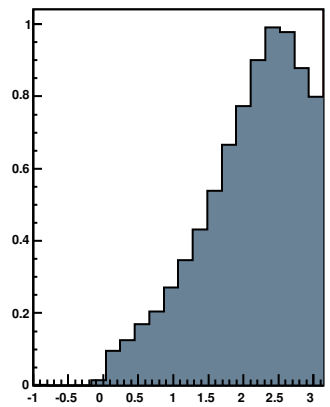
fake-NN Variable Metsig cut DilPhillCorr



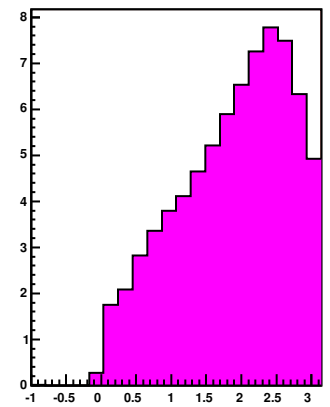
WZ-NN Variable Metsig cut DilPhillCorr



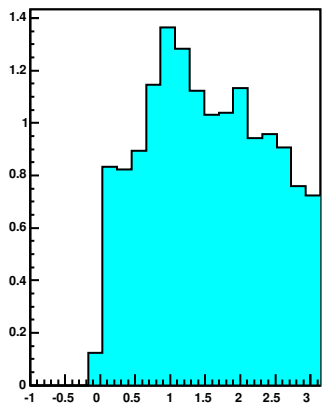
ZZ-NN Variable Metsig cut DilPhillCorr



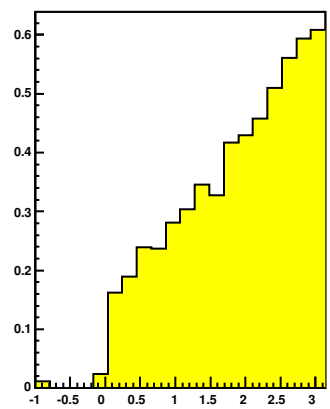
WW-NN Variable Metsig cut DilPhillCorr



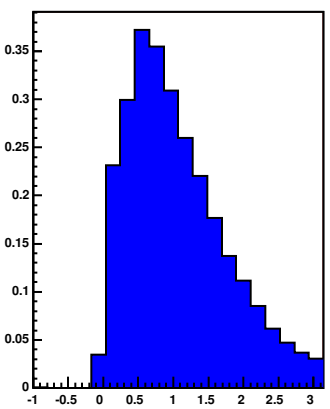
wgamma-NN Variable Metsig cut DilPhillCorr



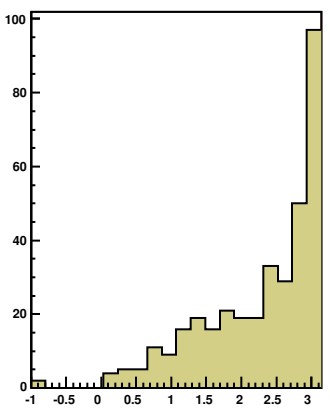
ttbar-NN Variable Metsig cut DilPhillCorr



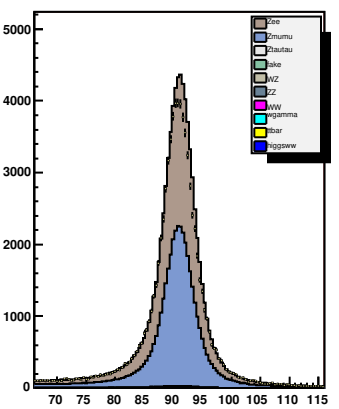
higgsww-NN Variable Metsig cut DilPhillCorr



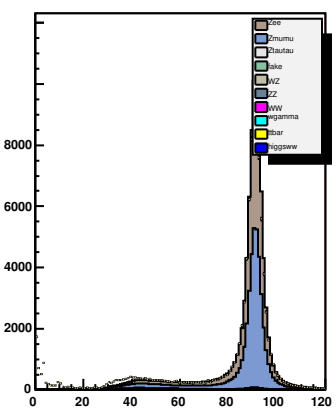
data-NN Variable Metsig cut DilPhillCorr



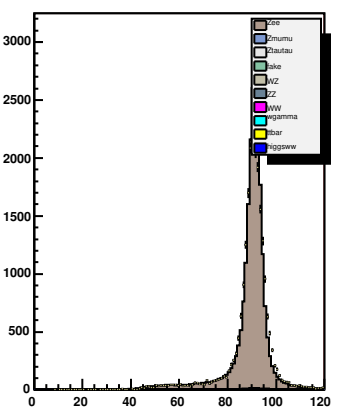
SBHs-dilepton masses for Z peak



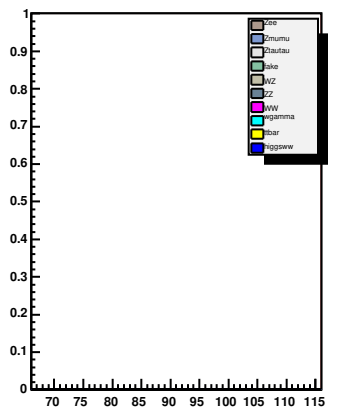
SBHs-dilepton masses for Z peak



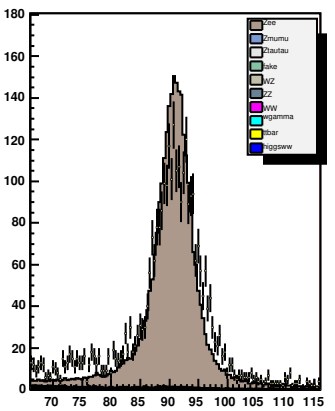
SBHs-dilepton masses for TCE-PHX Z peak



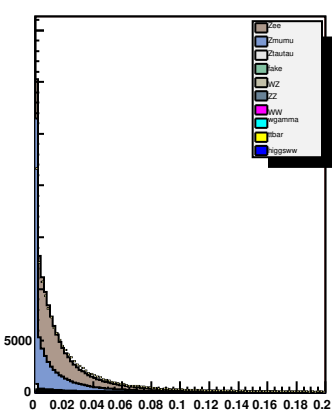
SBHs-hepg dilepton masses for Z peak



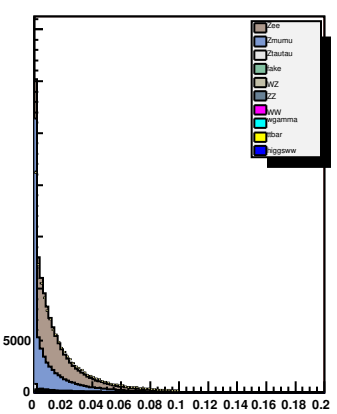
SBHs-same sign dilepton masses



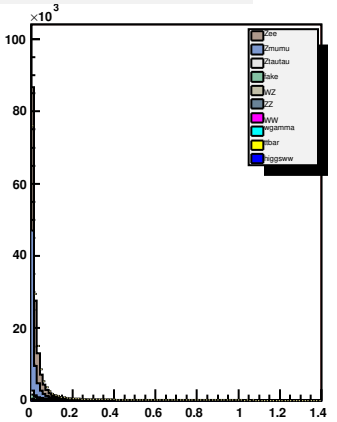
SBHs-before lepton calorimeter isolation cut



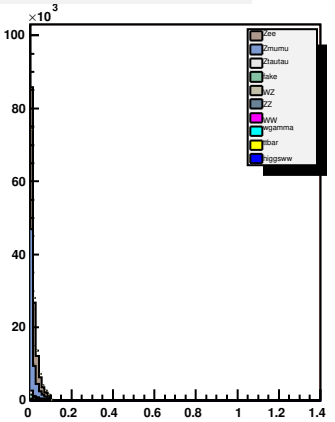
SBHs-after lepton calorimeter isolation cut



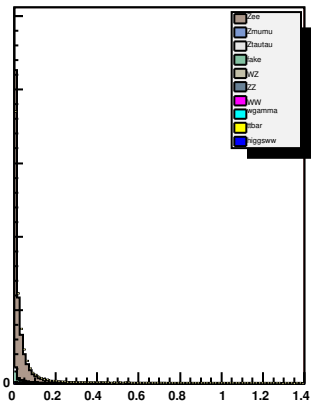
SBHs-before lepton calorimeter isolation cut



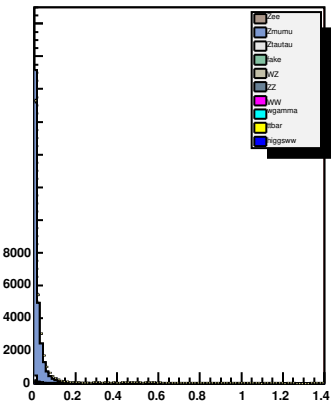
SBHs-after lepton calorimeter isolation cut



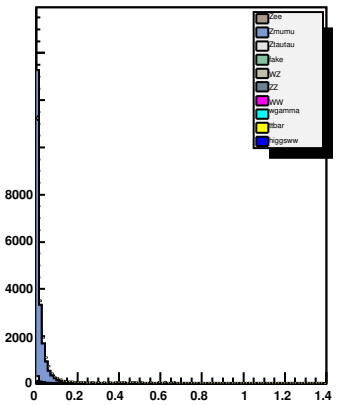
SBHs-TCE Trk Isolation



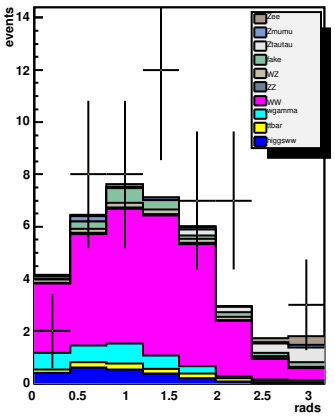
SBHs-CMUP Trk Isolation



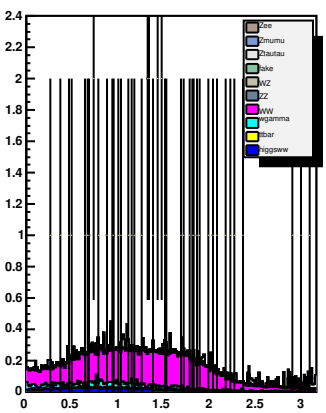
SBHs-CMX Trk Isolation



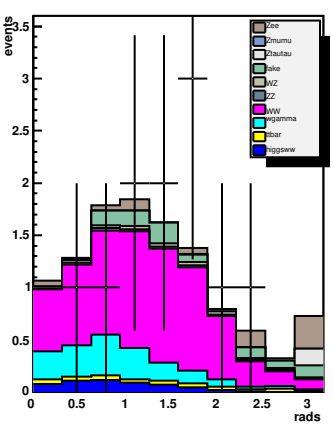
SBHs-lepton angular separation

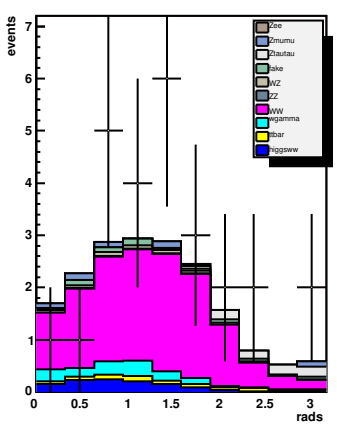


SBHs-dildphi in ALLfor like

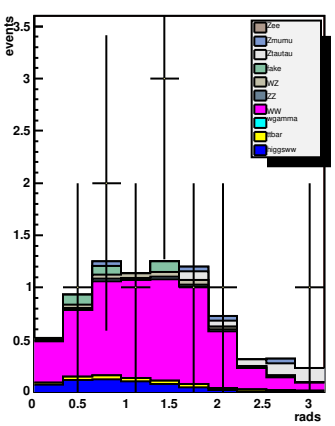


SBHs-lepton angular separation of electrons

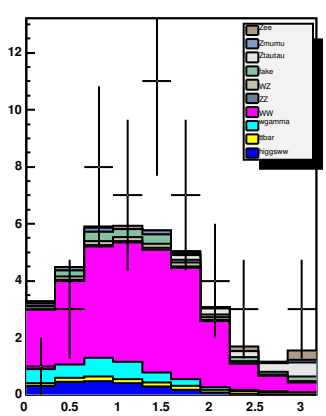




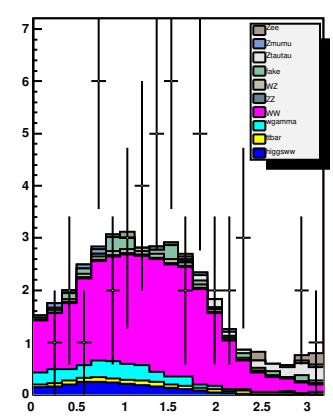
SBHs-lepton angular separation of muons



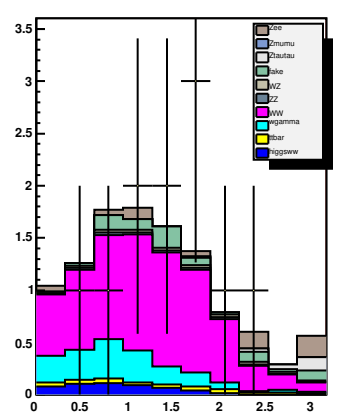
SBHs-dildphi in ALL



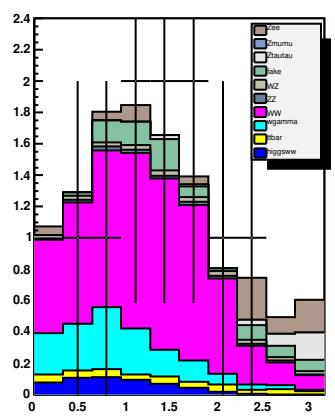
SBHs-dildphi in ALL



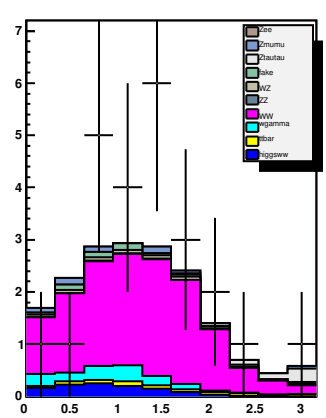
SBHs-dphi of electrons, high JES



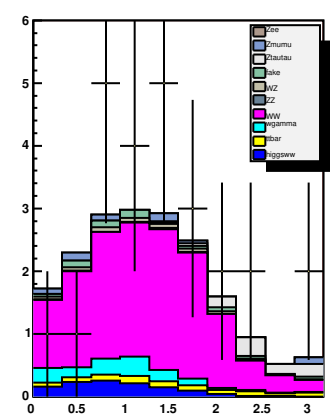
SBHs-dphi of electrons, low JES



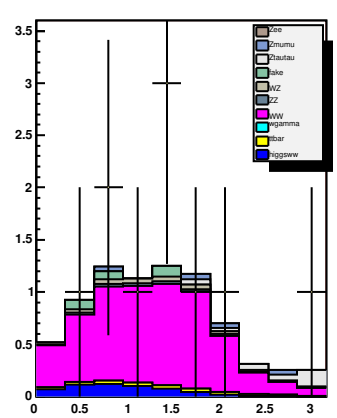
SBHs-dphi of electron and muon, high JES



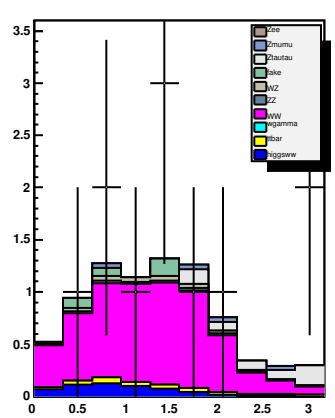
SBHs-dphi of electron and muon, low JES



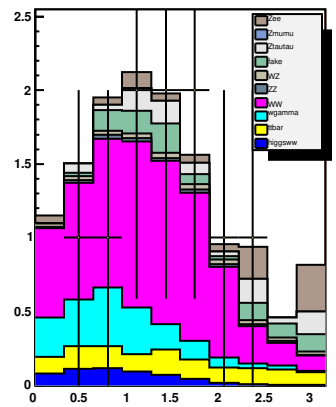
SBHs-dphi of muons, high JES



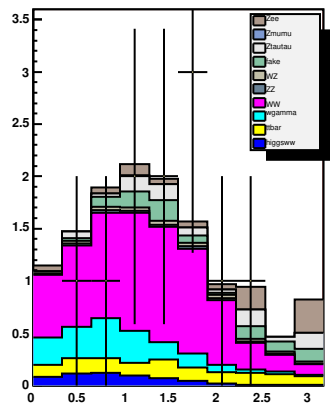
SBHs-dphi of muons, low JES



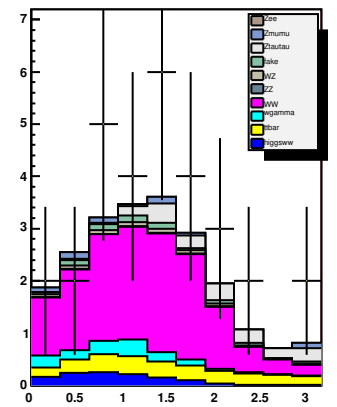
SBHs-dphi of electrons, high LES



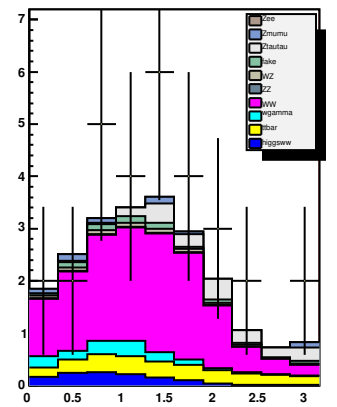
SBHs-dphi of electrons, low LES



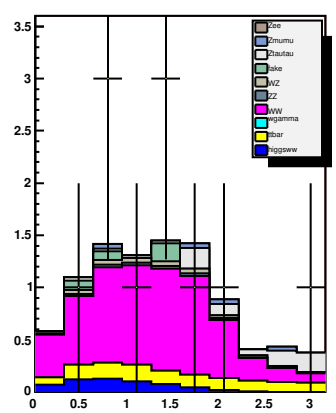
SBHs-dphi of electron and muon, high LES



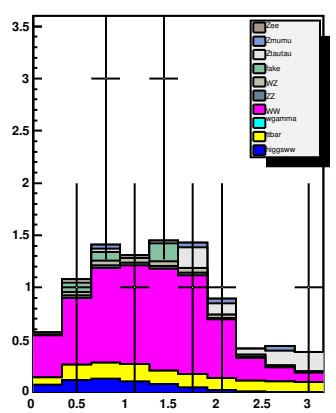
SBHs-dphi of electron and muon, low LES



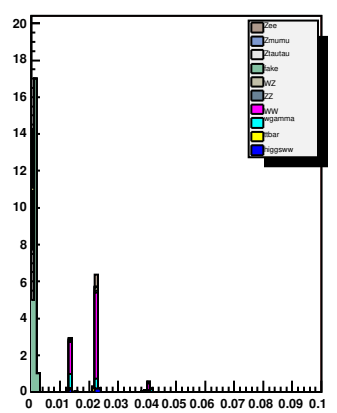
SBHs-dphi of muons, high LES



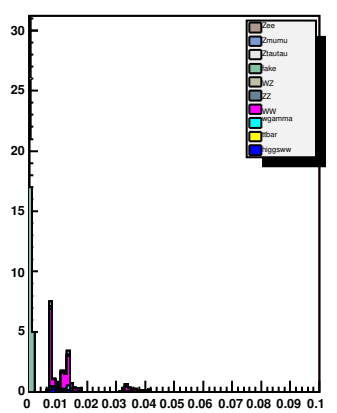
SBHs-dphi of muons, low LES



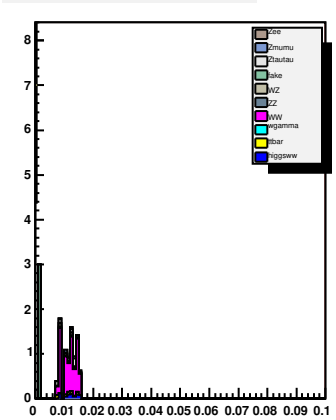
SBHs-Relative Weights Error for electrons



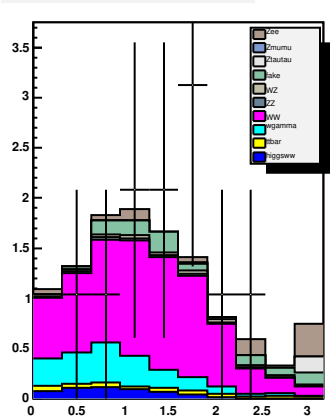
SBHs-Relative Weights Error for electron and muon



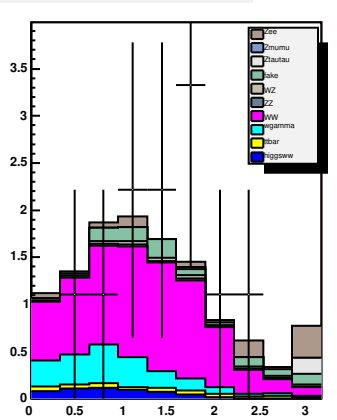
SBHs-Relative Weights Error for muons



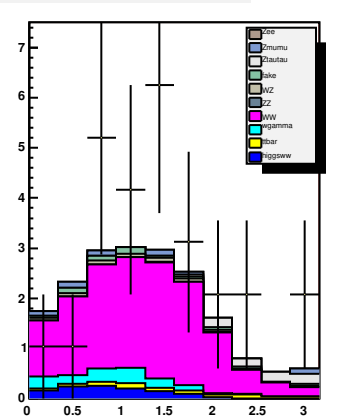
SBHs-dphi of electrons, high ISR



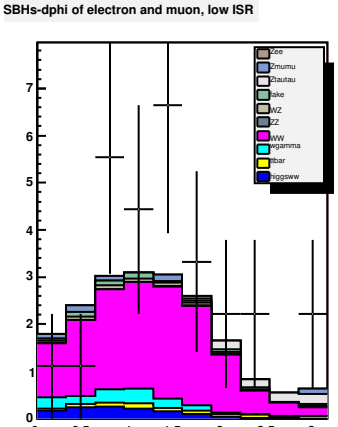
SBHs-dphi of electrons, low ISR



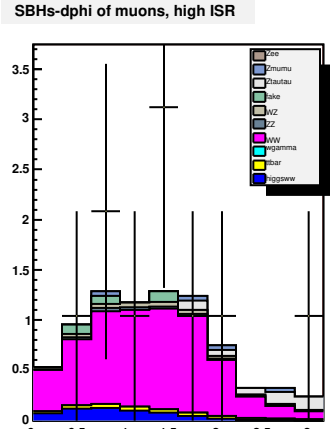
SBHs-dphi of electron and muon, high ISR



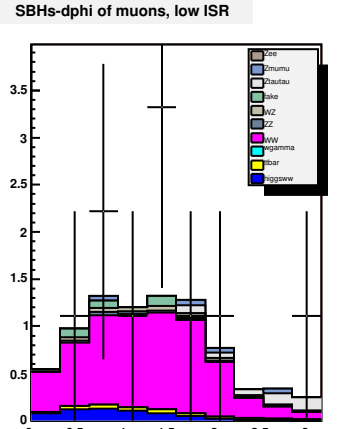
SBHs-dphi of electron and muon, low ISR



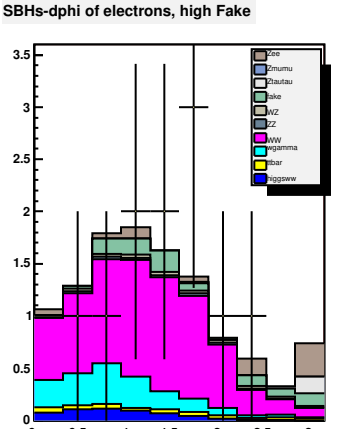
SBHs-dphi of muons, high ISR



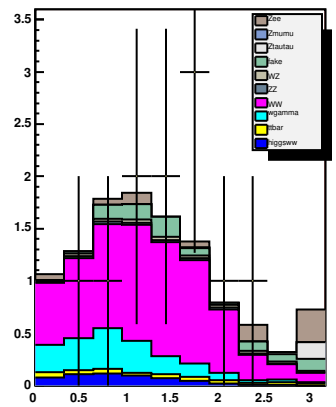
SBHs-dphi of muons, low ISR



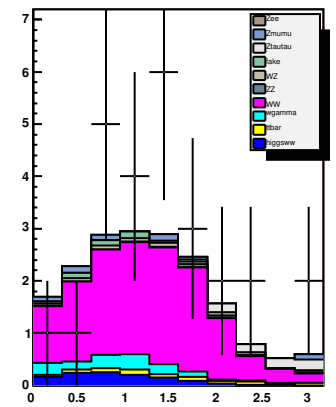
SBHs-dphi of electrons, high Fake



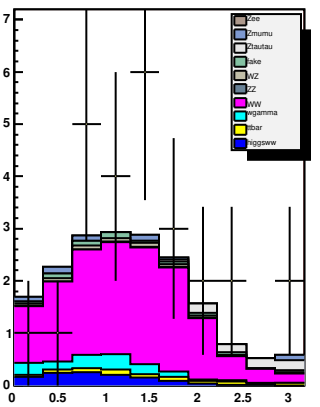
SBHs-dphi of electrons, low Fake



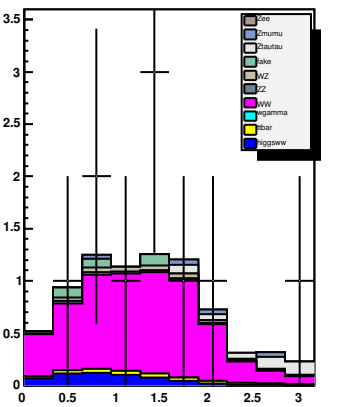
SBHs-dphi of electron and muon, high Fake



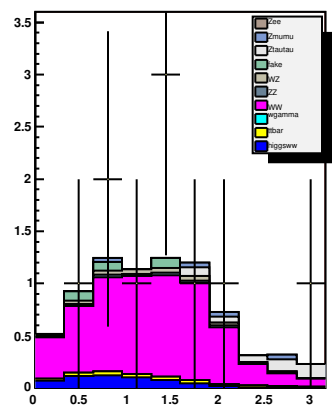
SBHs-dphi of electron and muon, low Fake



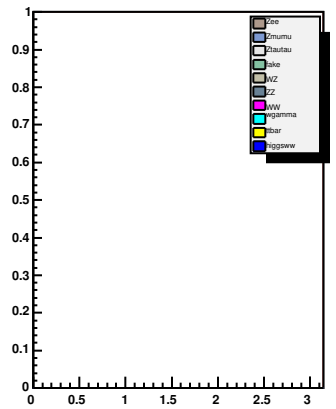
SBHs-dphi of muons, high Fake



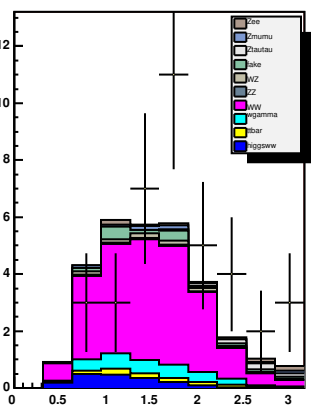
SBHs-dphi of muons, low Fake



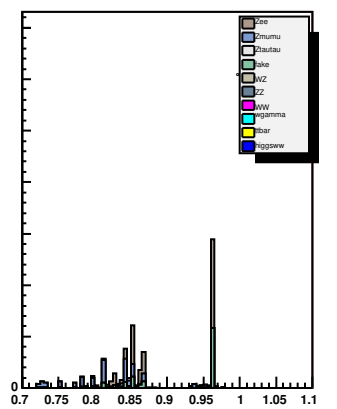
SBHs-dphi from TMVA selection



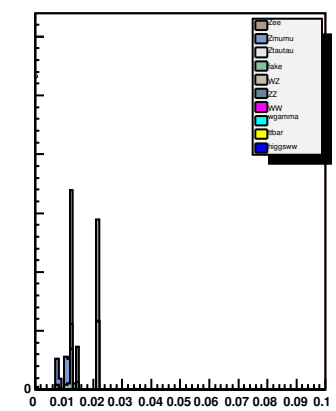
SBHs-dilepton dR



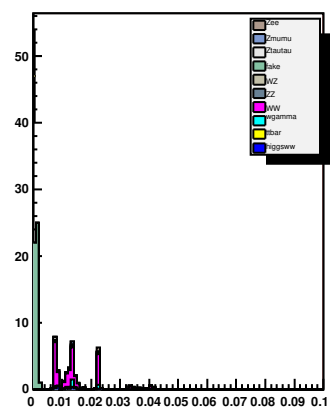
SBHs-Weight forALL



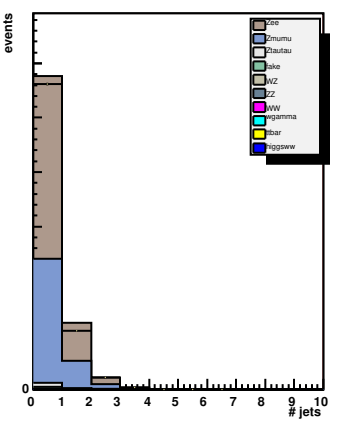
SBHs-Weight Error for ALL



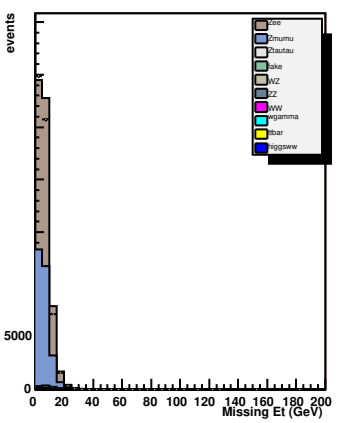
SBHs-Relative Weight Error for ALL



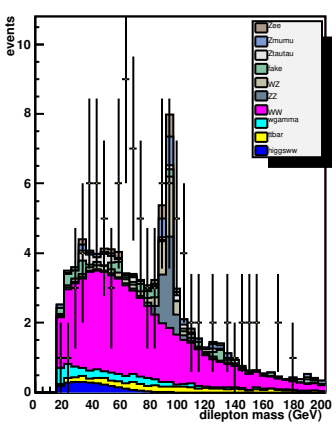
SBHs-Number of Jets in before Jet cut



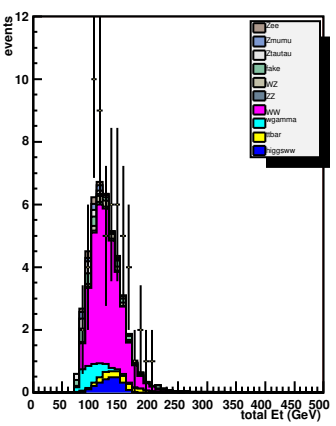
SBHs-Missing Et before missing et cut



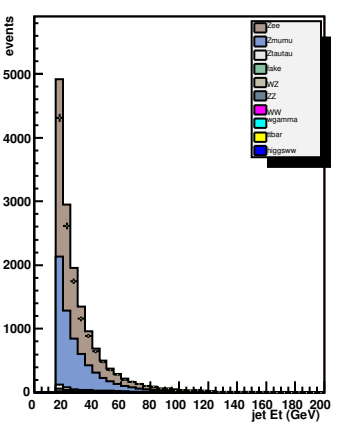
SBHs-dilepton mass before dilepton mass cut



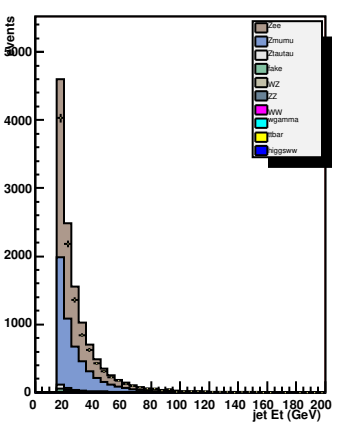
SBHs-total Et in before total et cut



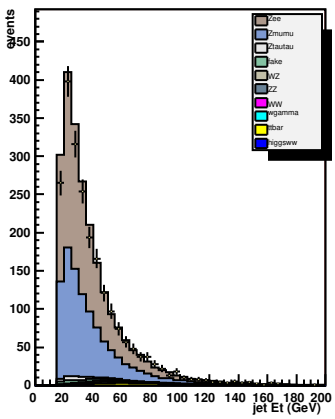
SBHs-Lead jet Et for all jets before Jet cut



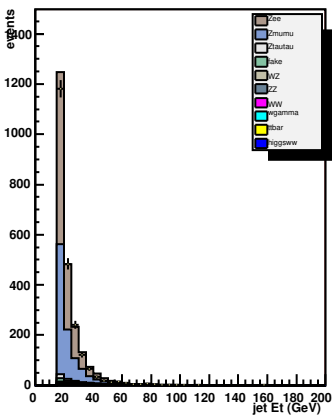
SBHs-Lead jet Et for one jet before Jet cut



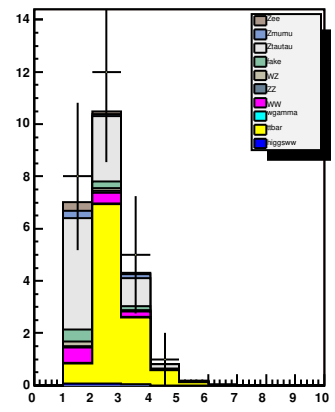
SBHs-Lead jet Et for two jets in before Jet cut



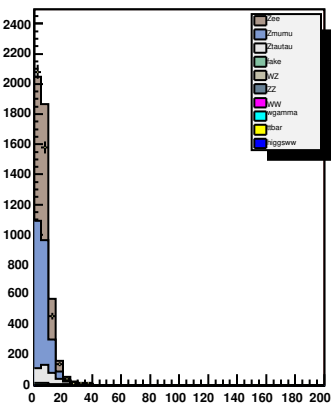
SBHs-Second jet Et for two jets before Jet cut



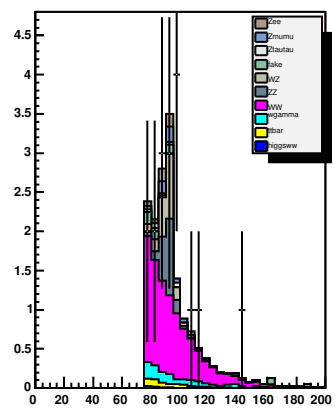
SBHs-Number of Jets inALL in Nm1 Jet cut



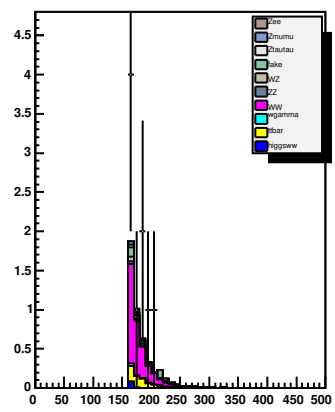
SBHs-Missing Et inALL in Nm1 missing et cut



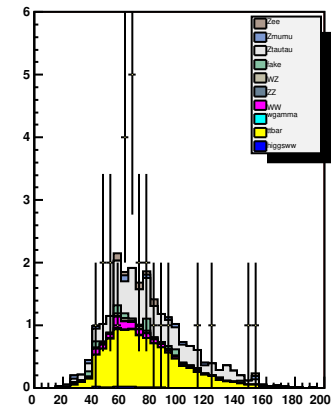
SBHs-dil mass inALL in Nm1 dil mass max cut



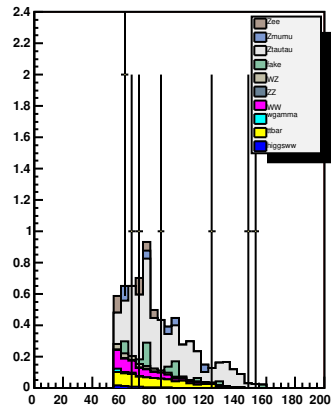
SBHs-total et inALL in Nm1 total et cut



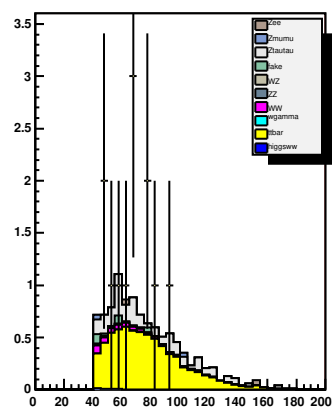
SBHs-Lead jet Et for all jets inALL in Nm1 Jet cut



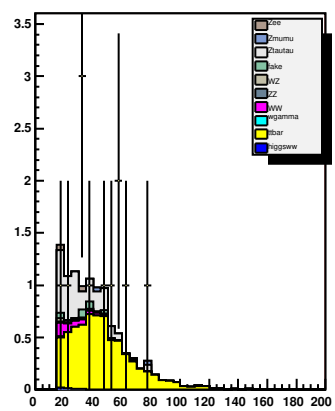
SBHs-Lead jet Et for one jet in ALL in Nm1 Jet cut



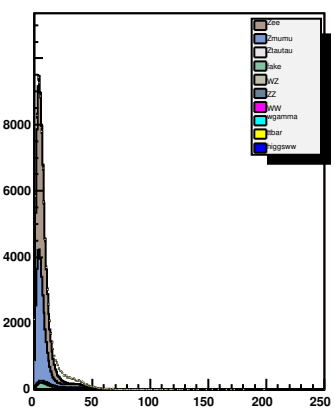
SBHs-Lead jet Et for two jets in ALL in Nm1 Jet cut



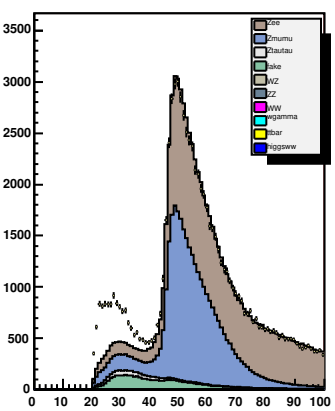
SBHs-Second jet Et for two jets in ALL in Nm1 Jet cut



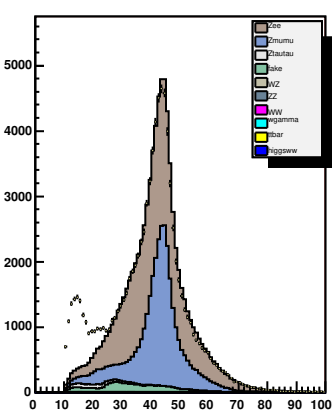
SBHs-Missing Et



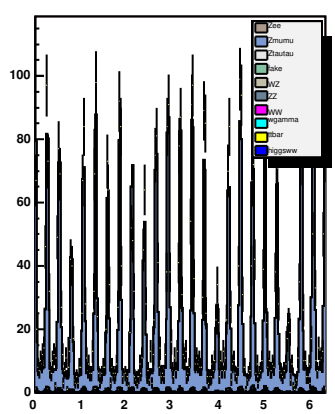
SBHs-highest lepton Et in ALL



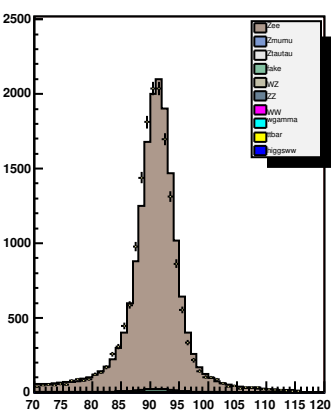
SBHs-secondhighest lepton Et in ALL



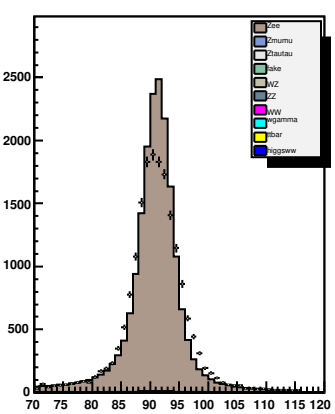
SBHs-CMP Phi in ALL



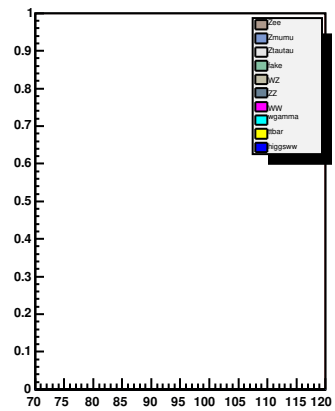
SBHs-TCE_TCE Mass



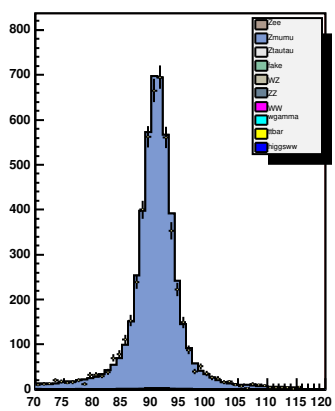
SBHs-TCE_PHX Mass



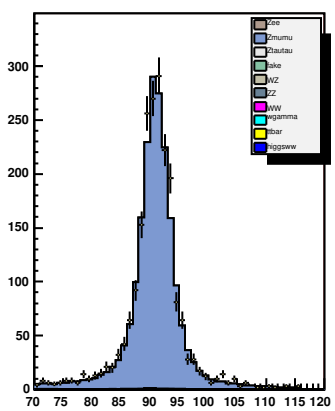
SBHs-PHX_PHX Mass



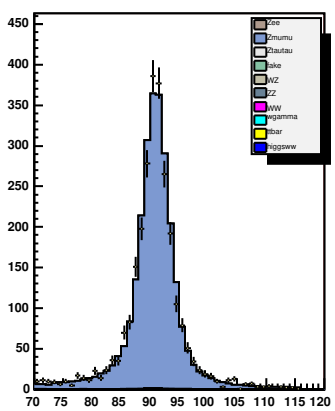
SBHs-CMUP_CMUP Mass



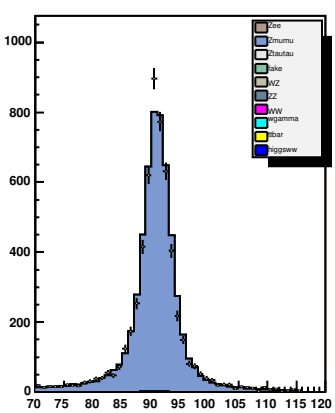
SBHs-CMUP_CMU Mass



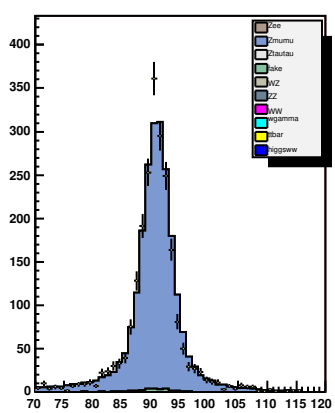
SBHs-CMUP_CMP Mass



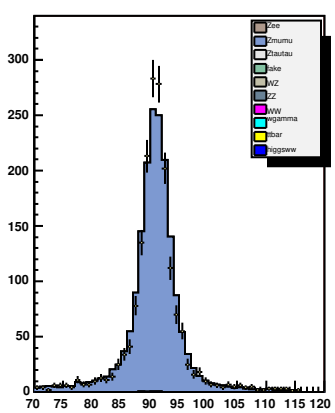
SBHs-CMUP_CMX Mass



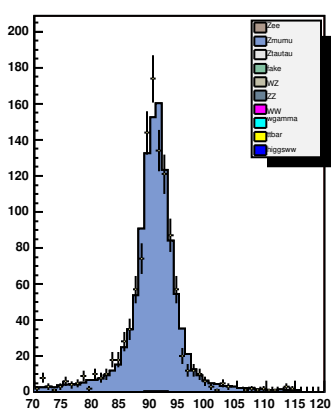
SBHs-CMUP_CMIO Mass



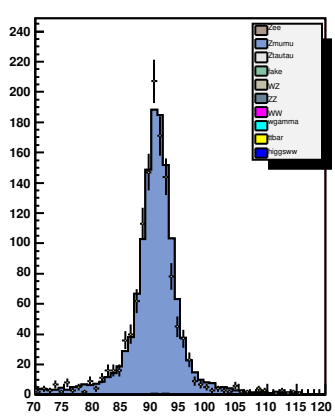
SBHs-CMX_CMX Mass



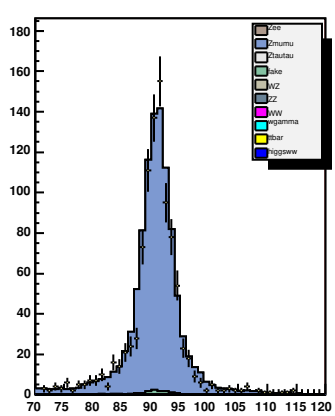
SBHs-CMX_CMU Mass



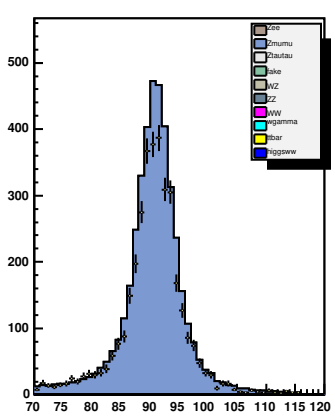
SBHs-CMX_CMP Mass



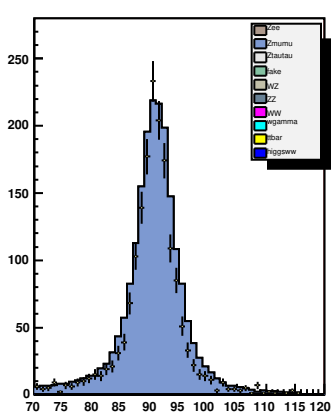
SBHs-CMX_CMIO Mass



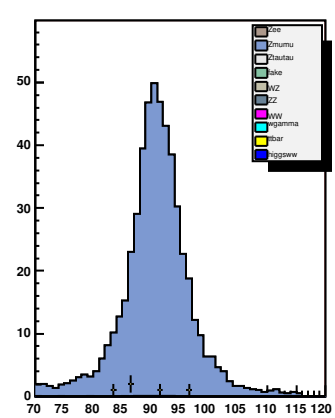
SBHs-CMUP_BMU Mass



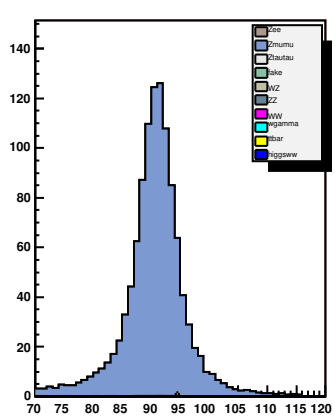
SBHs-CMX_BMU Mass



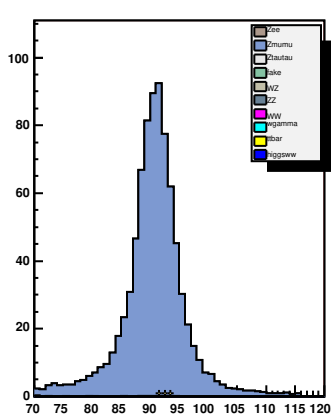
SBHs-BMU_BMU Mass



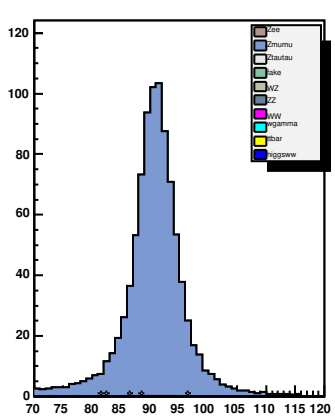
SBHs-CMP_BMU Mass



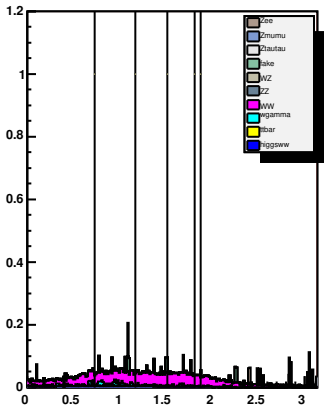
SBHs-CMIO_BMU Mass



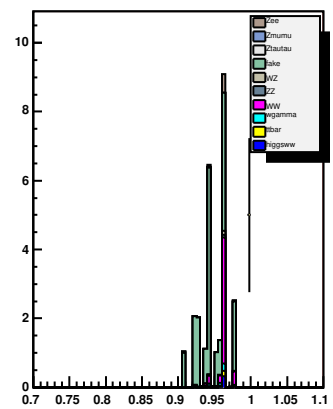
SBHs-CMU_BMU Mass



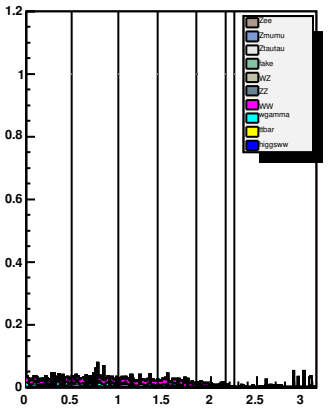
SBHs-TCE_TCE dilDphilike



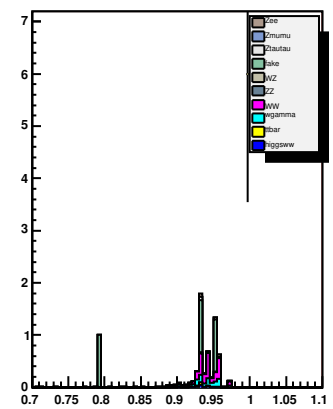
SBHs-TCE_TCE rawweight



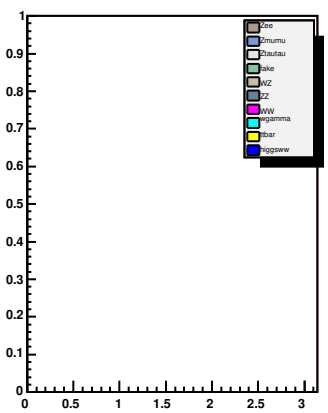
SBHs-TCE_PHX dilDphilike



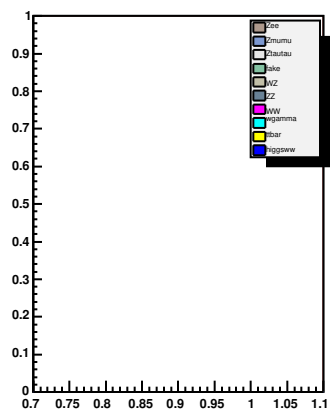
SBHs-TCE_PHX rawweight



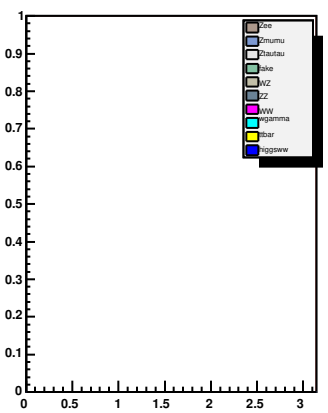
SBHs-TCE_PEM dilDphilike



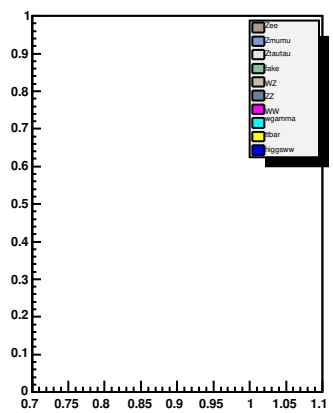
SBHs-TCE_PEM rawweight



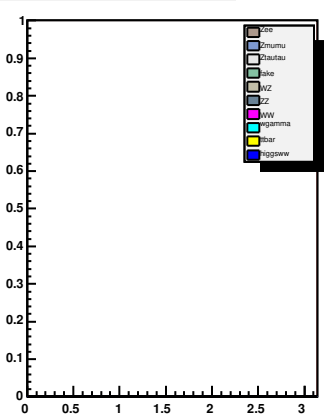
SBHs-PHX_PHX dilDphilike



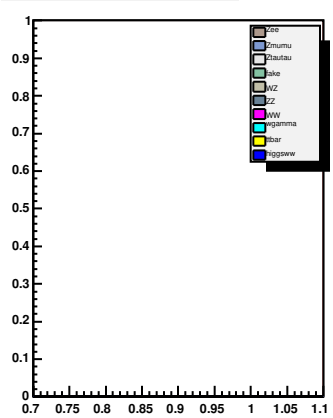
SBHs-PHX_PHX rawweight



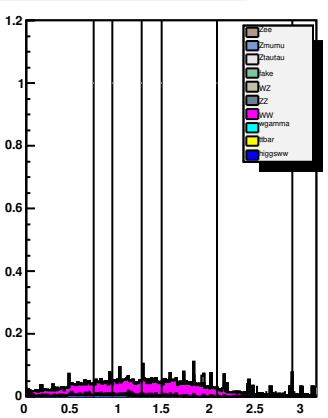
SBHs-PHX_PEM dilDphilike



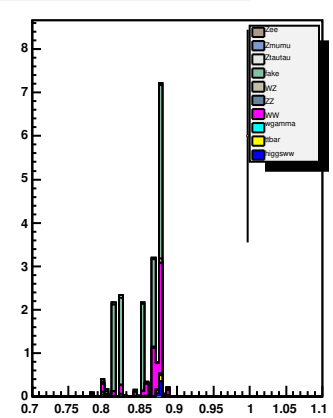
SBHs-PHX_PEM rawweight



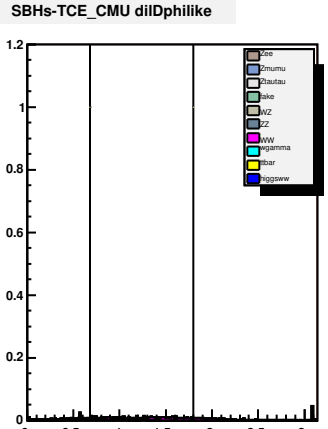
SBHs-TCE_CMUP dilDphilike



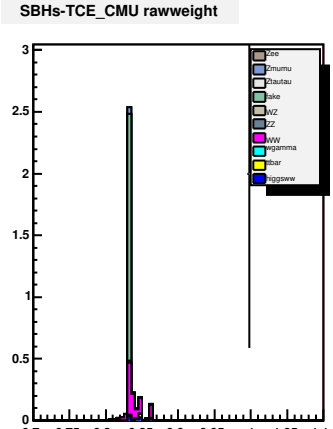
SBHs-TCE_CMUP rawweight



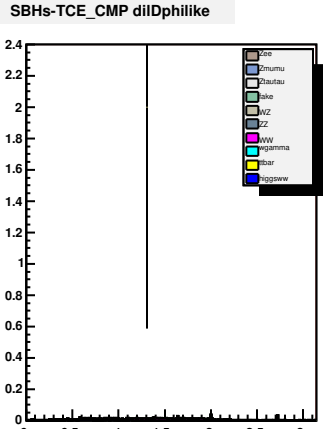
SBHs-TCE_CMU dilDphilike



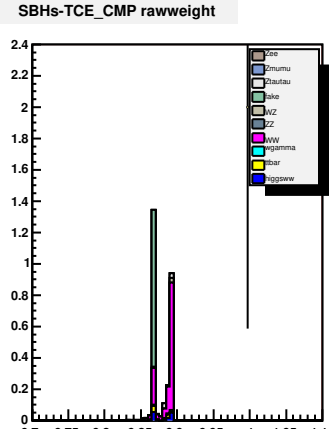
SBHs-TCE_CMU rawweight



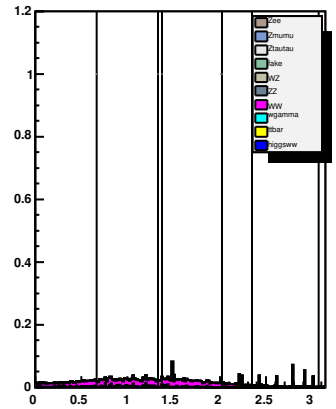
SBHs-TCE_CMP dilDphilike



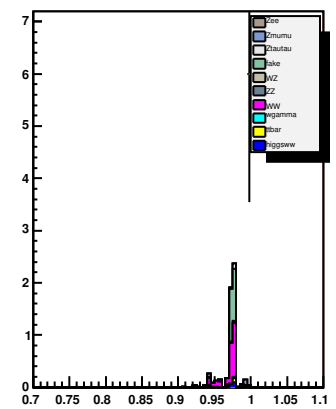
SBHs-TCE_CMP rawweight



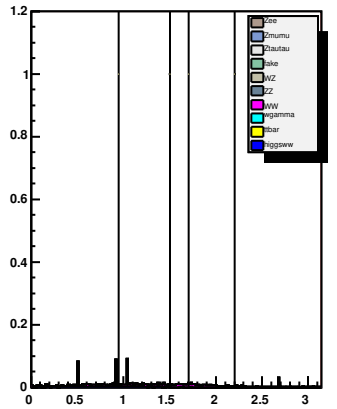
SBHs-TCE_CMX dilDphilike



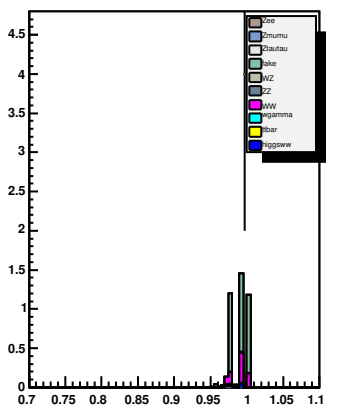
SBHs-TCE_CMX rawweight



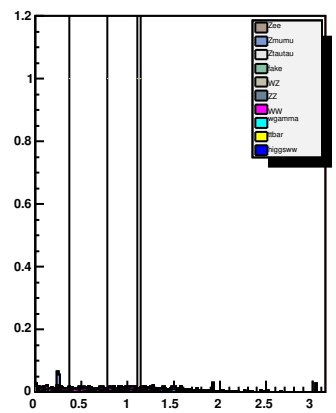
SBHs-TCE_CMIO dilDphilike



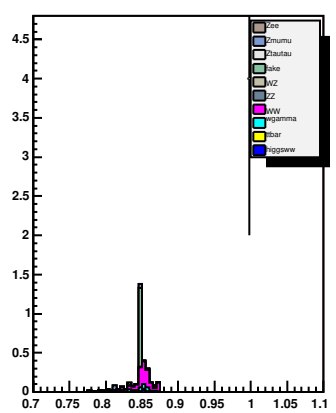
SBHs-TCE_CMIO rawweight



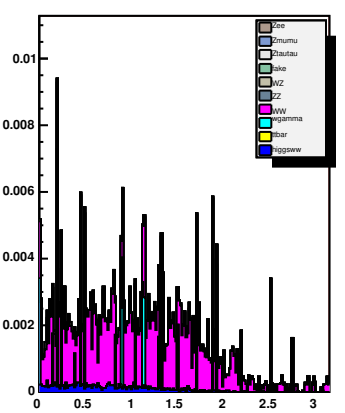
SBHs-PHX_CMUP dilDphilike



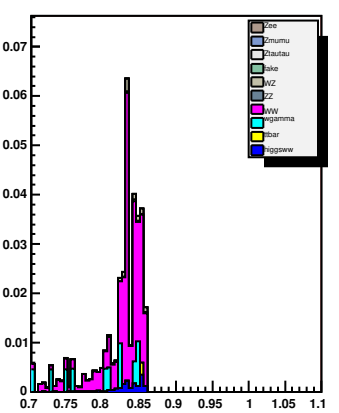
SBHs-PHX_CMUP rawweight



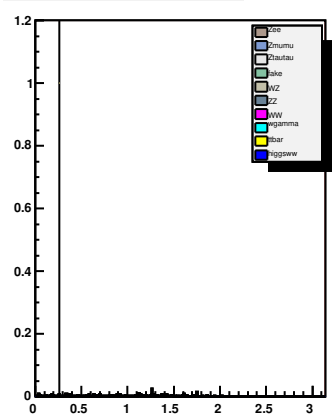
SBHs-PHX_CMU dilDphilike



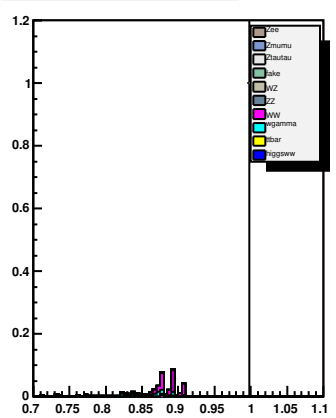
SBHs-PHX_CMU rawweight



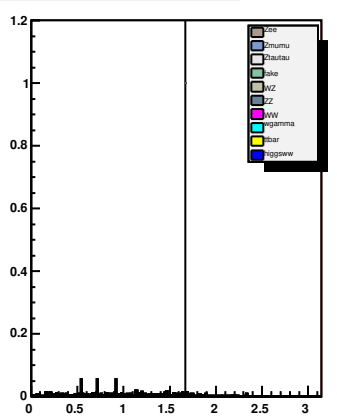
SBHs-PHX_CMP dilDphilike



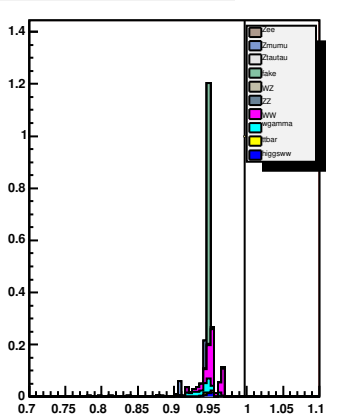
SBHs-PHX_CMP rawweight



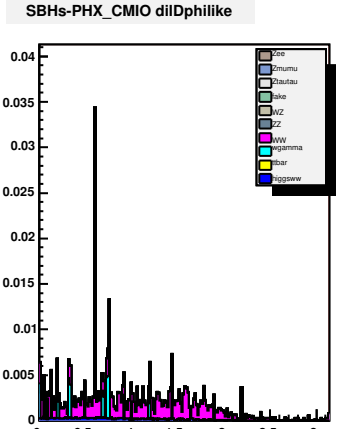
SBHs-PHX_CMX dilDphilike



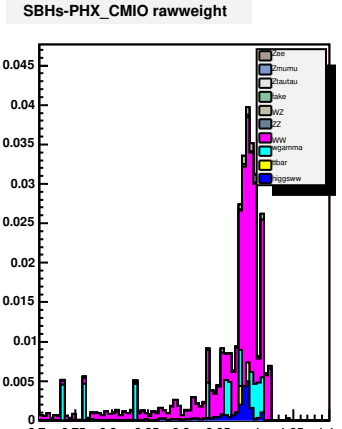
SBHs-PHX_CMX rawweight



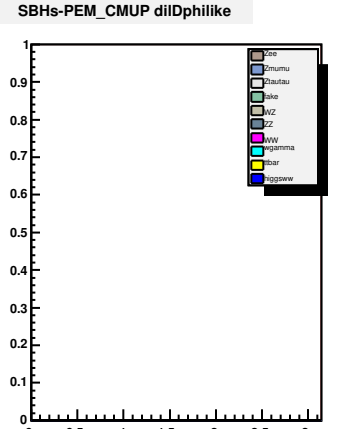
SBHs-PHX_CMIO dilDphilike



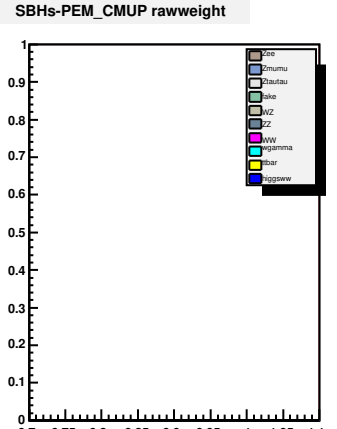
SBHs-PHX_CMIO rawweight



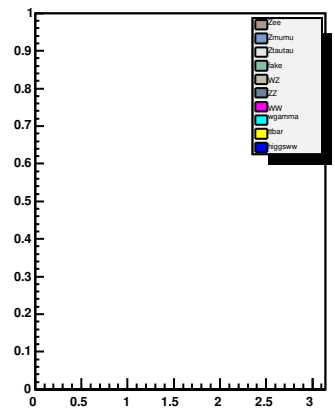
SBHs-PEM_CMUP dilDphilike



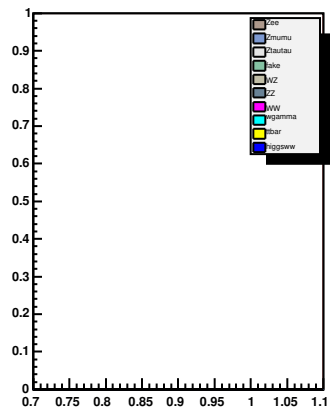
SBHs-PEM_CMUP rawweight



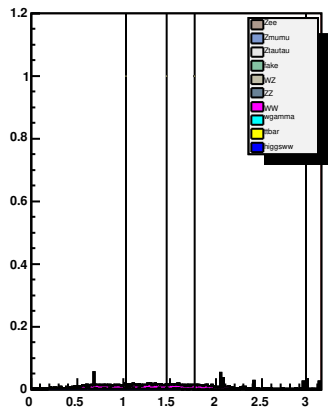
SBHs-PEM_CMX dilDphilike



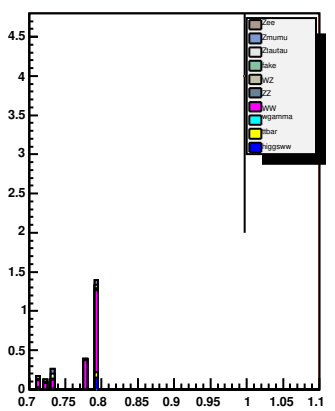
SBHs-PEM_CMX rawweight



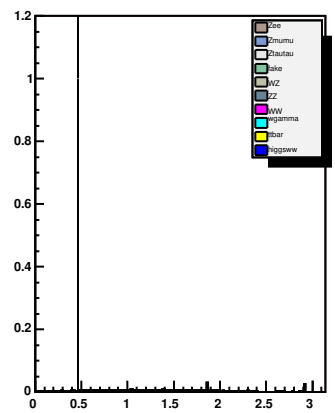
SBHs-CMUP_CMUP dilDphilike



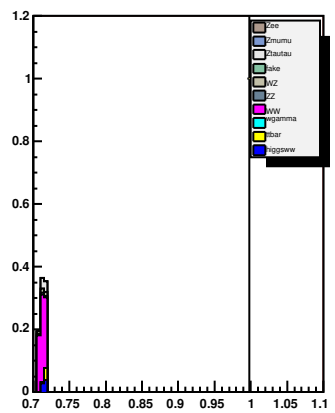
SBHs-CMUP_CMUP rawweight



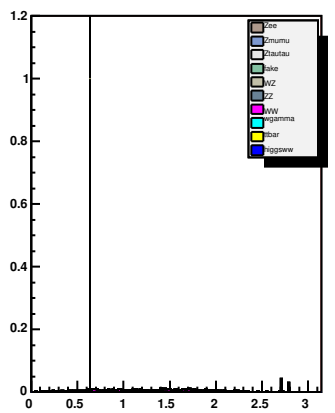
SBHs-CMUP_CMU dilDphilike



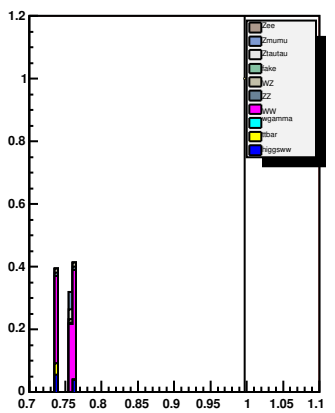
SBHs-CMUP_CMU rawweight



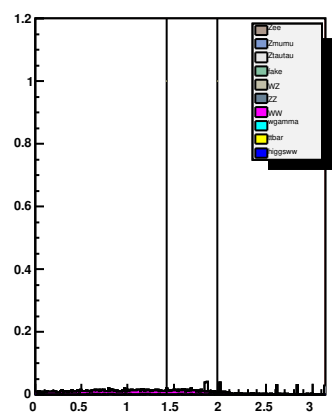
SBHs-CMUP_CMP dilDphilike



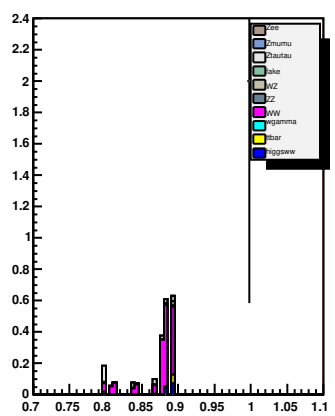
SBHs-CMUP_CMP rawweight



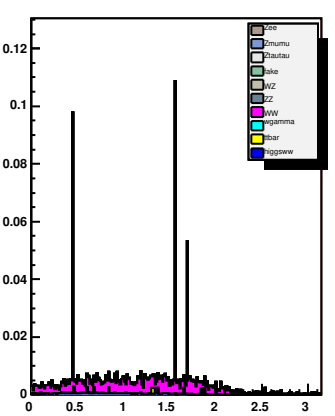
SBHs-CMUP_CMX dilDphilike



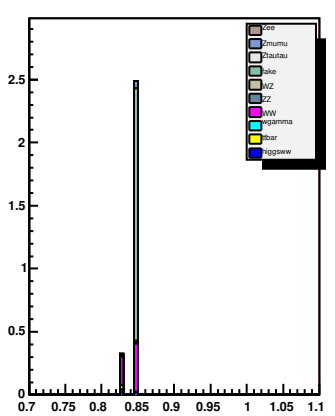
SBHs-CMUP_CMX rawweight



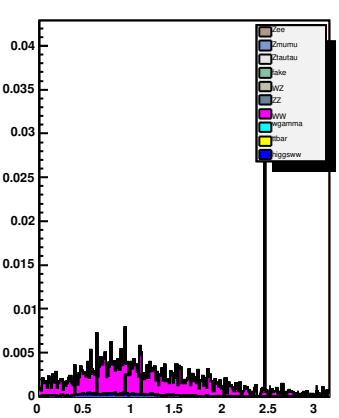
SBHs-CMUP_CMIO dilDphilike



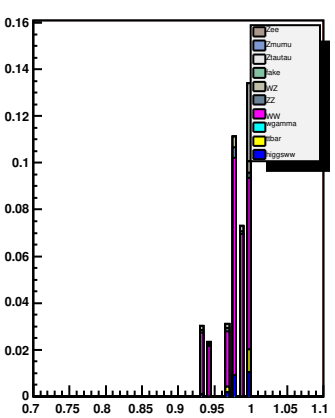
SBHs-CMUP_CMIO rawweight



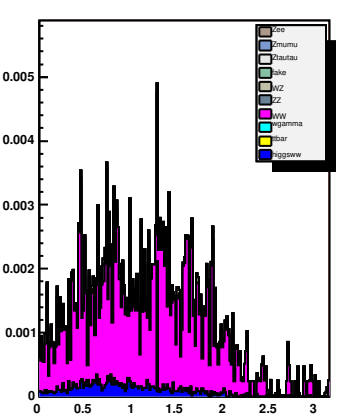
SBHs-CMX_CMX dilDphilike



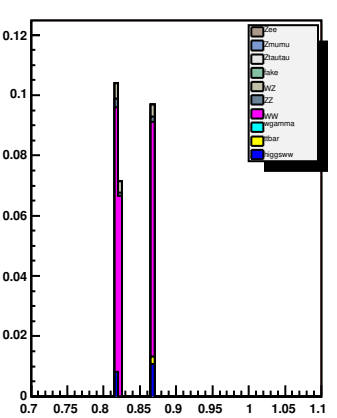
SBHs-CMX_CMX rawweight



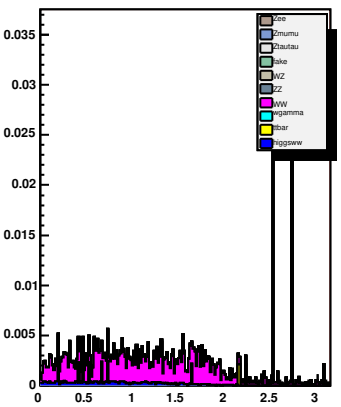
SBHs-CMX_CMU dilDphilike



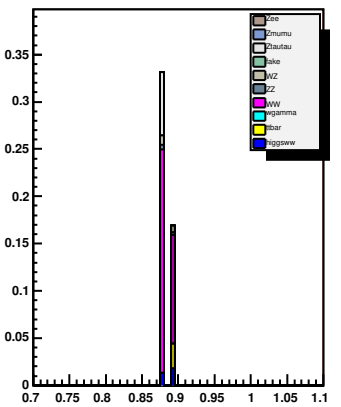
SBHs-CMX_CMU rawweight



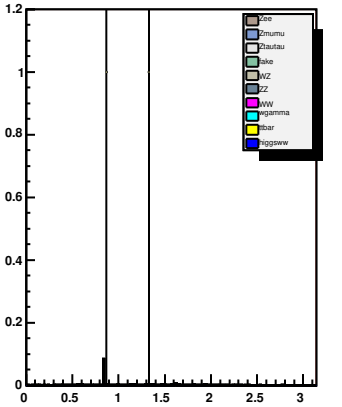
SBHs-CMX_CMP dilDphilike



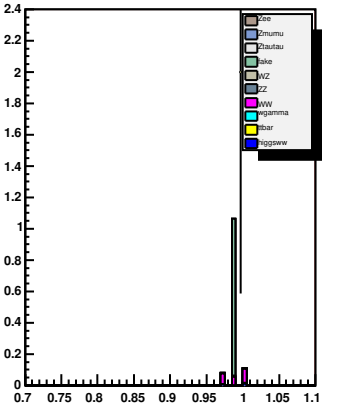
SBHs-CMX_CMP rawweight



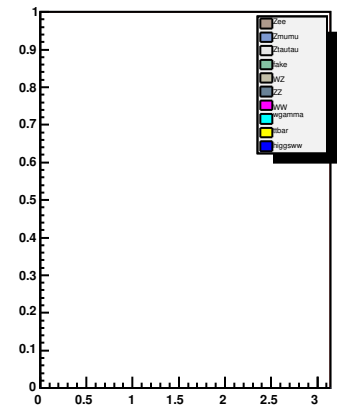
SBHs-CMX_CMIO dilDphilike



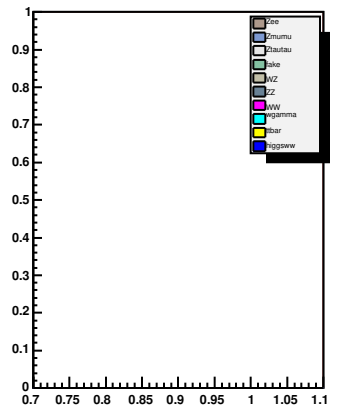
SBHs-CMX_CMIO rawweight



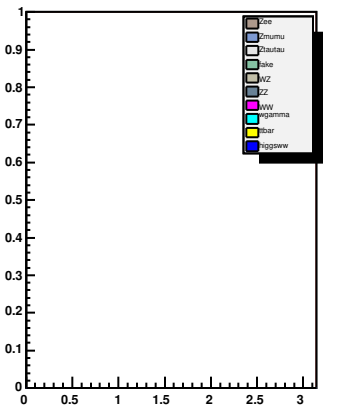
SBHs-trilep dilDphilike



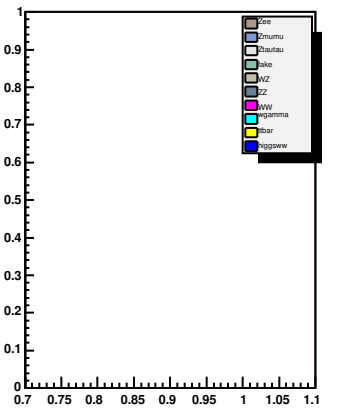
SBHs-trilep rawweight



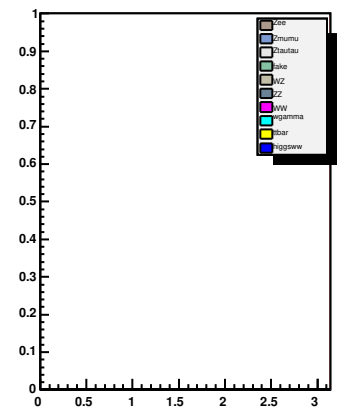
SBHs-TCE_BMU dilDphilike



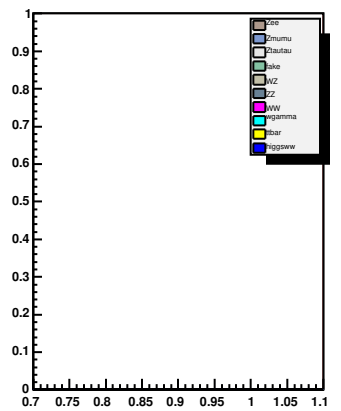
SBHs-TCE_BMU rawweight



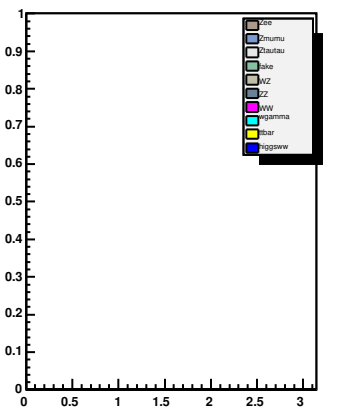
SBHs-PHX_BMU dilDphilike



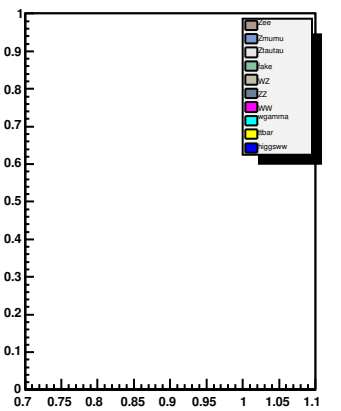
SBHs-PHX_BMU rawweight



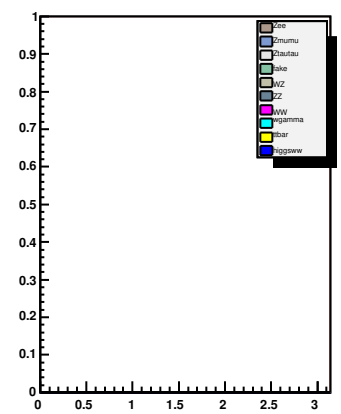
SBHs-PEM_BMU dilDphilike



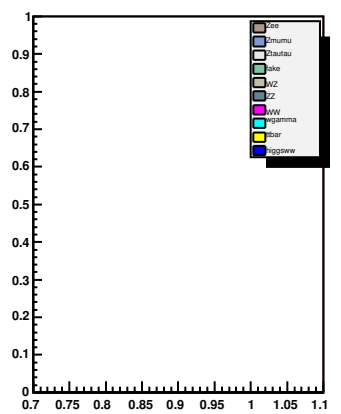
SBHs-PEM_BMU rawweight



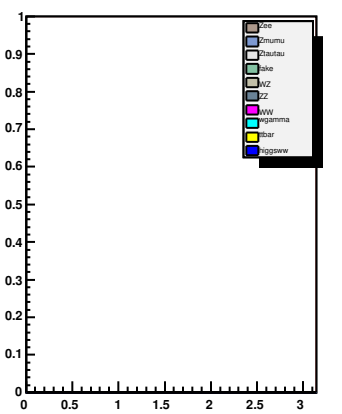
SBHs-CMUP_BMU dilDphilike



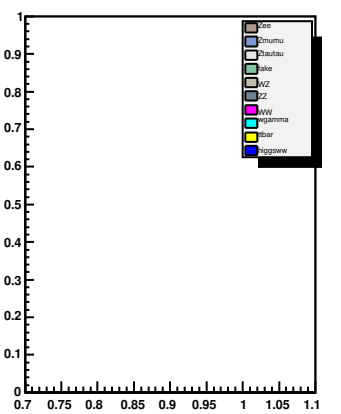
SBHs-CMUP_BMU rawweight



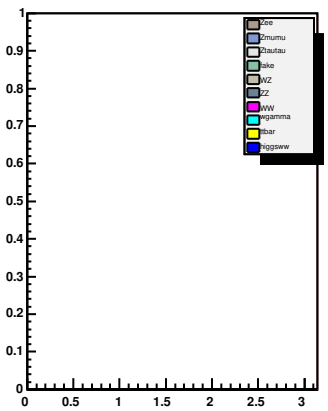
SBHs-CMX_BMU dilDphilike



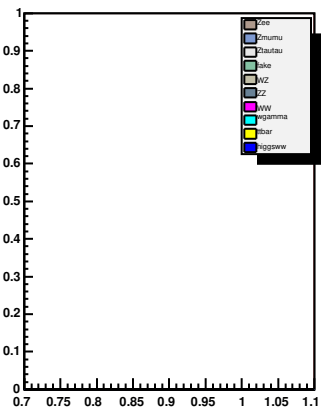
SBHs-CMX_BMU rawweight



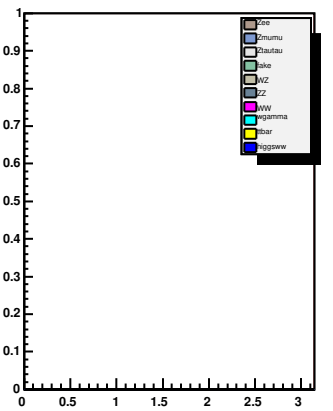
SBHs-BMU_BMU dilDphilike



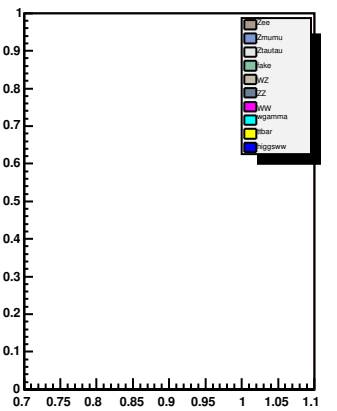
SBHs-BMU_BMU rawweight



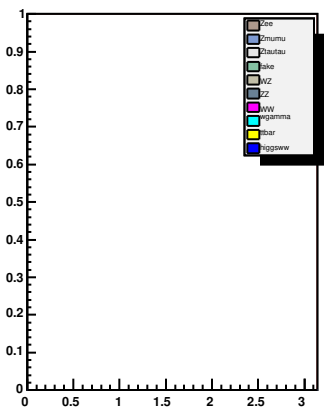
SBHs-BMU_CMU dilDphilike



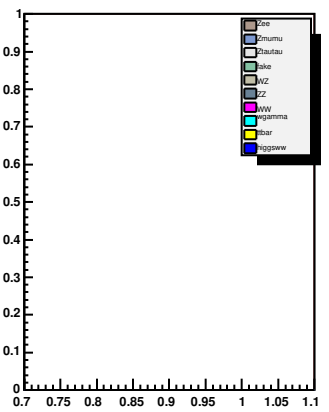
SBHs-BMU_CMU rawweight



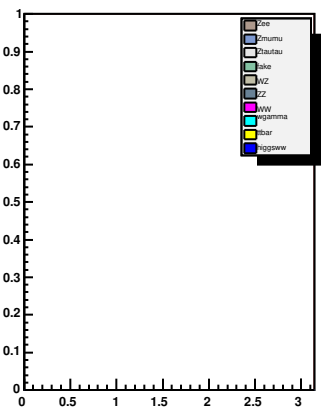
SBHs-BMU_CMP dilDphilike



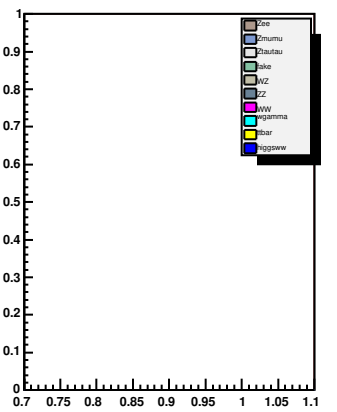
SBHs-BMU_CMP rawweight



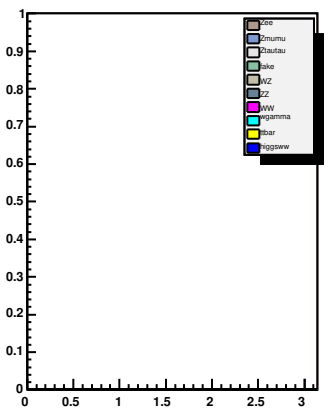
SBHs-BMU_CMIO dilDphilike



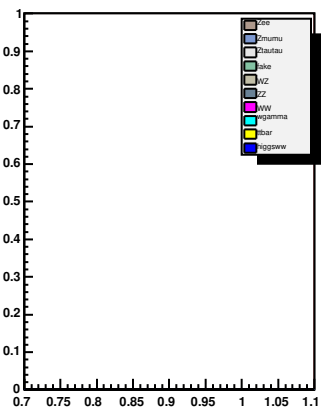
SBHs-BMU_CMIO rawweight



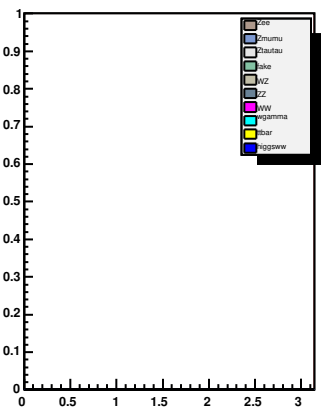
SBHs-TCE_SCMIO dilDphilike



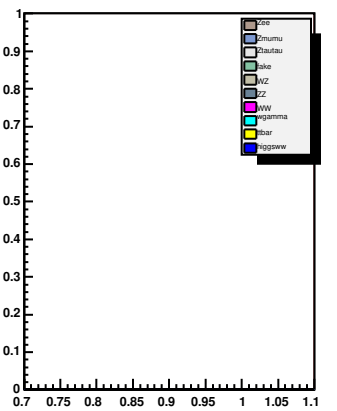
SBHs-TCE_SCMIO rawweight



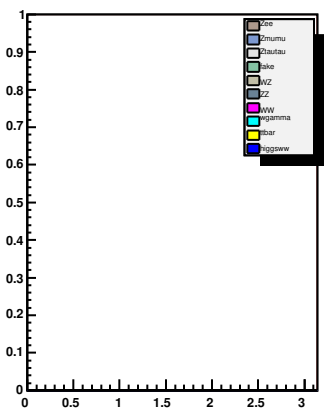
SBHs-PHX_SCMIO dilDphilike



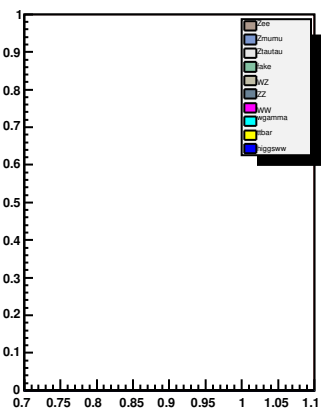
SBHs-PHX_SCMIO rawweight



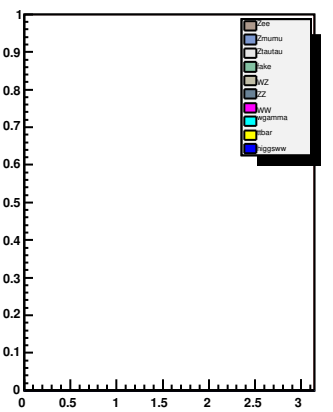
SBHs-CMUP_SCMIO dilDphilike



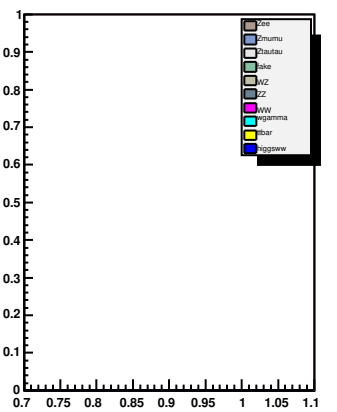
SBHs-CMUP_SCMIO rawweight



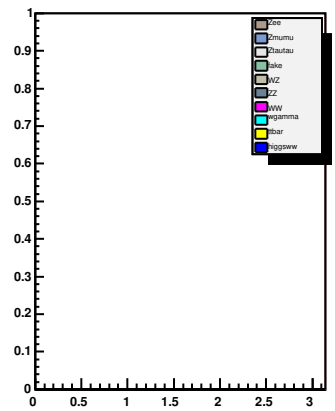
SBHs-CMX_SCMIO dilDphilike



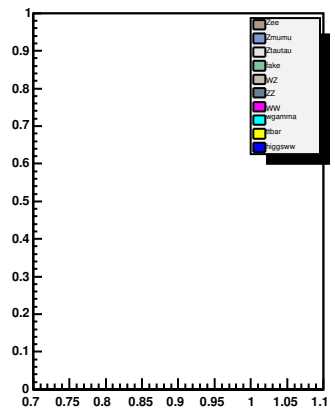
SBHs-CMX_SCMIO rawweight



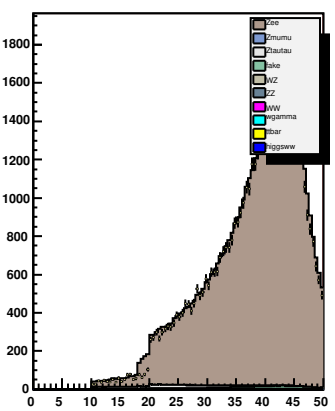
SBHs-BMU_SCMIO dilDphilike



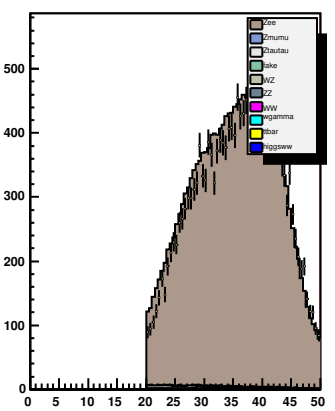
SBHs-BMU_SCMIO rawweight



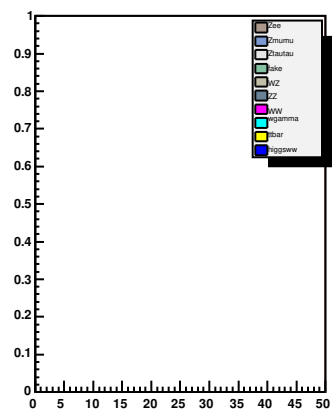
SBHs-TCE leptonET



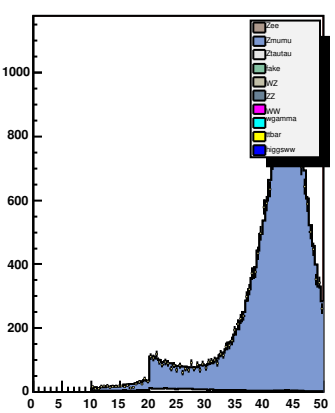
SBHs-PHX leptonET



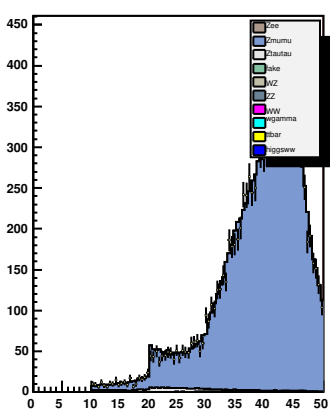
SBHs-PEM leptonET



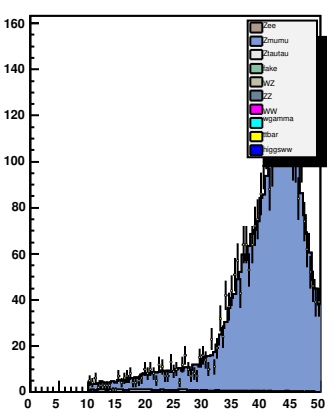
SBHs-CMUP leptonET



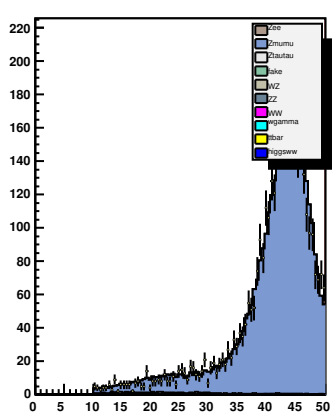
SBHs-CMX leptonET



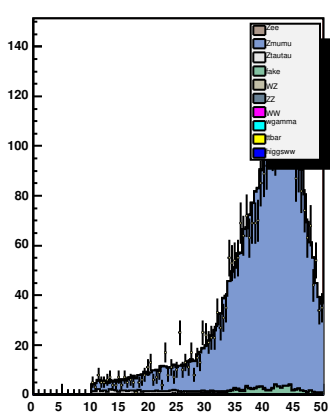
SBHs-CMU leptonET



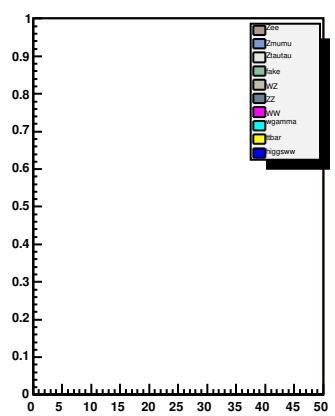
SBHs-CMP leptonET



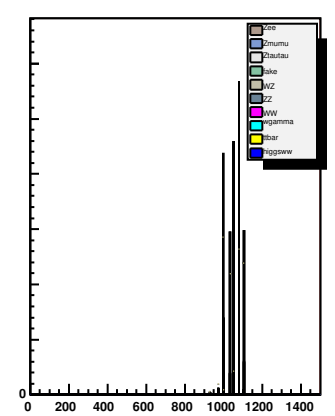
SBHs-CMIO leptonET



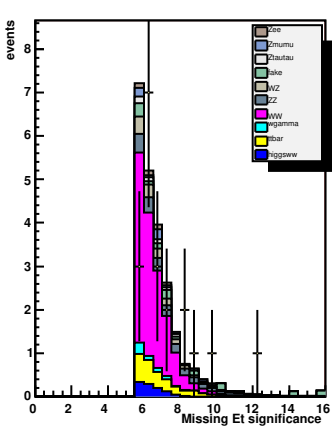
SBHs-BMU leptonET



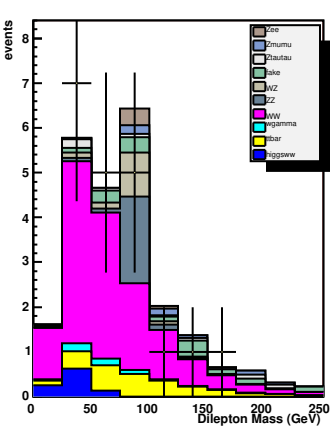
SBHs-luminosity



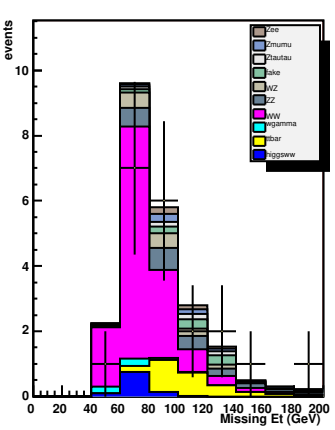
SBHs-WW missing Et significance



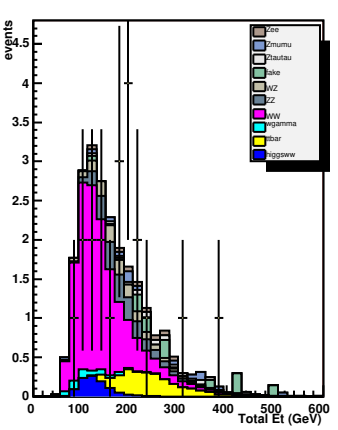
SBHs-WW dilepton mass



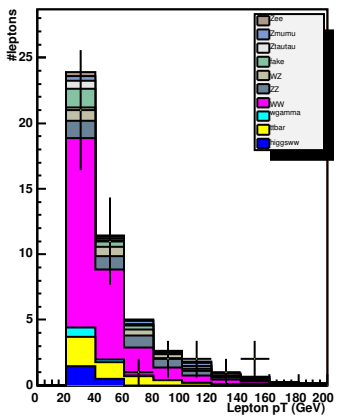
SBHs-WW missing Et



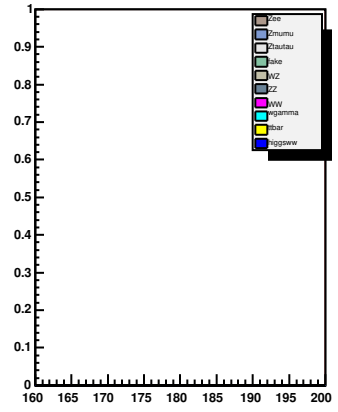
SBHs-WW total Et



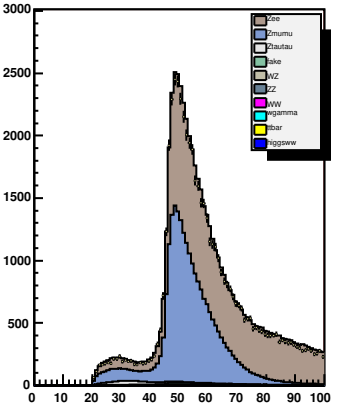
SBHs-WW lepton pT



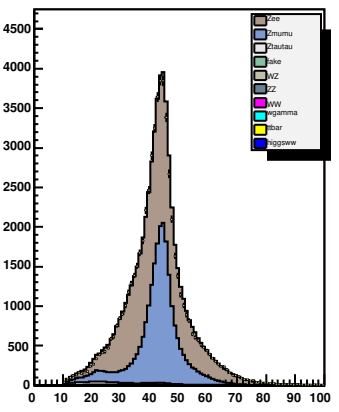
SBHs-mattest



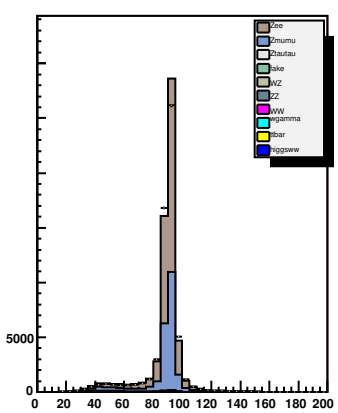
SBHs-NN Variable LepAEn



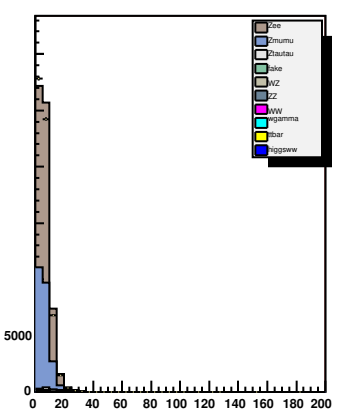
SBHs-NN Variable LepBEn



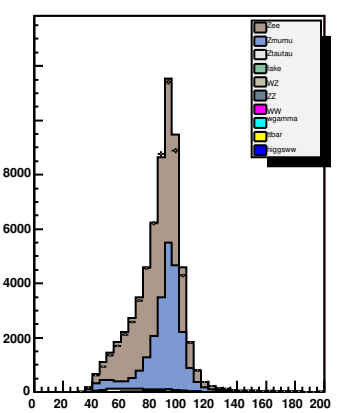
SBHs-NN Variable dilmass



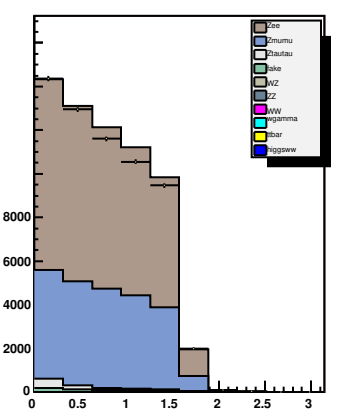
SBHs-NN Variable metmag



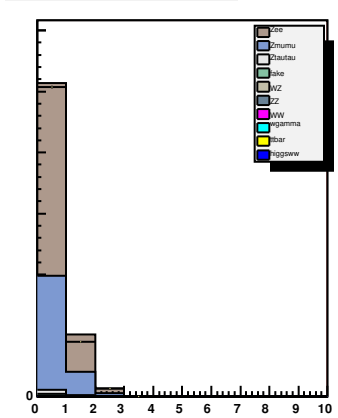
SBHs-NN Variable addEt



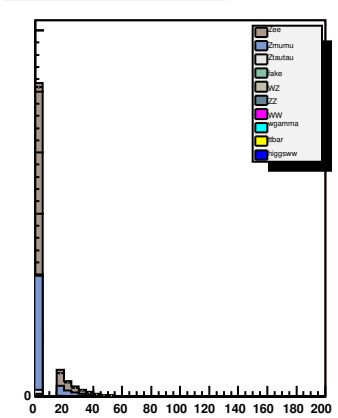
SBHs-NN Variable dPhiMetLJ



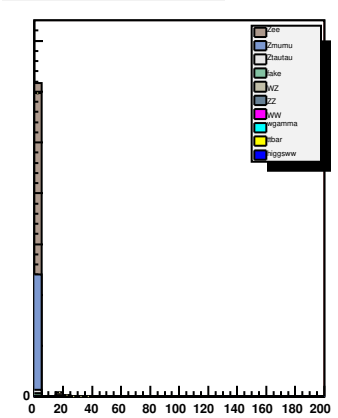
SBHs-NN Variable tightjets



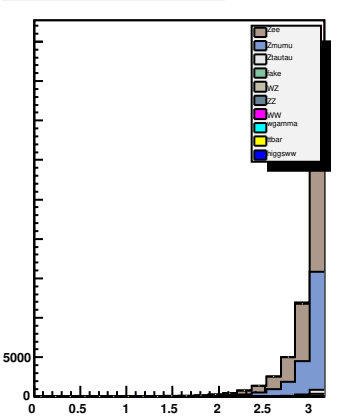
SBHs-NN Variable jet1_Et



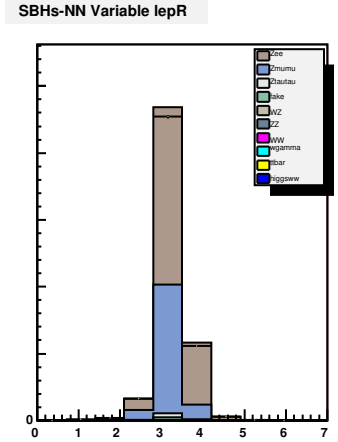
SBHs-NN Variable jet2_Et



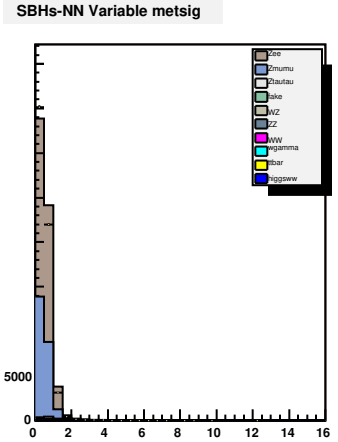
SBHs-NN Variable dildphi



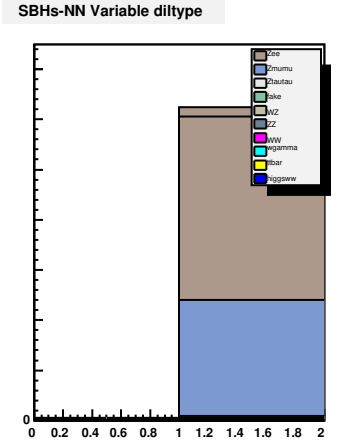
SBHs-NN Variable lepR



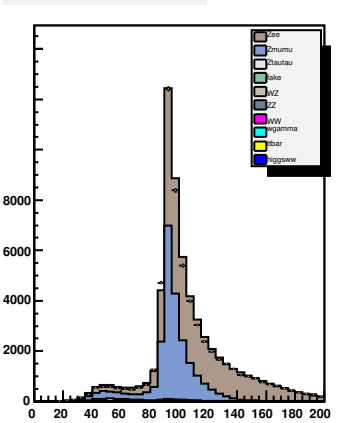
SBHs-NN Variable metsig



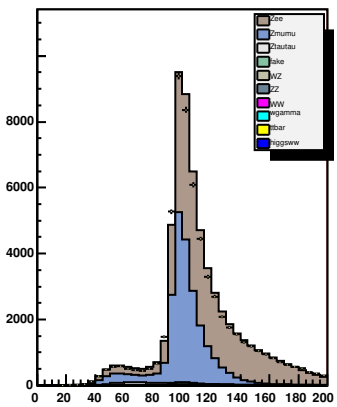
SBHs-NN Variable diltype



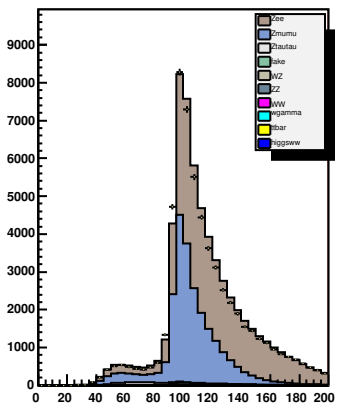
SBHs-NN Variable Mt_ll



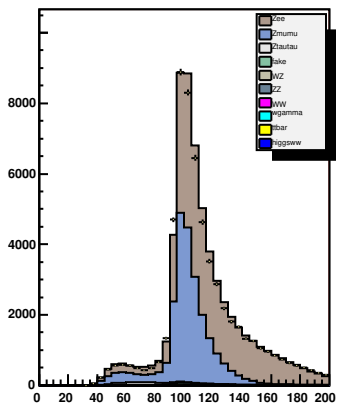
SBHs-NN Variable Mt_llMet



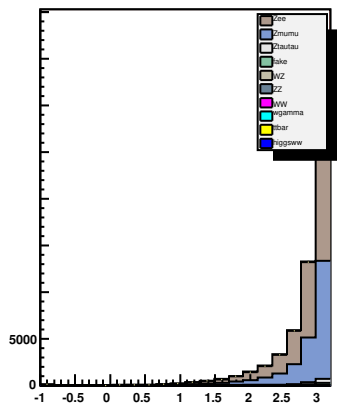
SBHs-NN Variable Mt_All



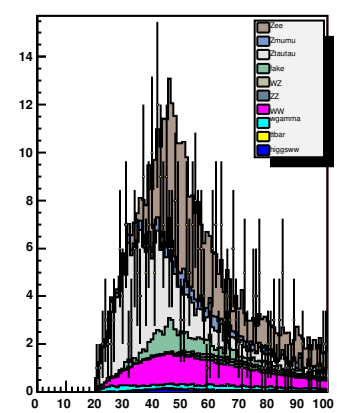
SBHs-NN Variable lsr



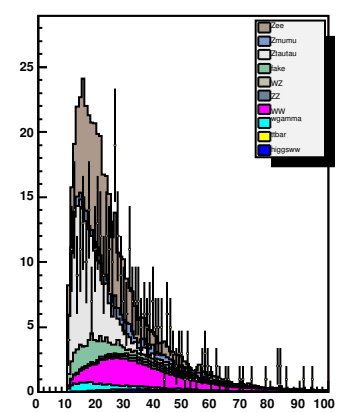
SBHs-NN Variable DilPhillCorr



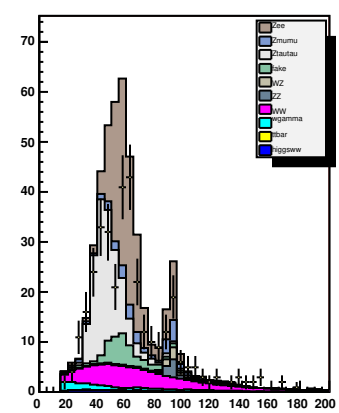
SBHs-NN Variable Metsig cut LepAEn



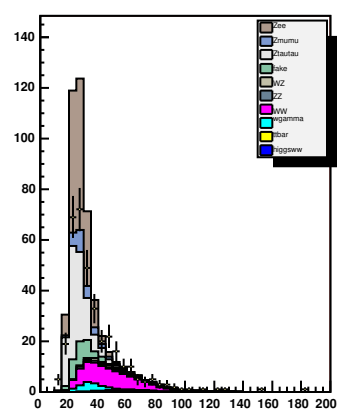
SBHs-NN Variable Metsig cut LepBEn



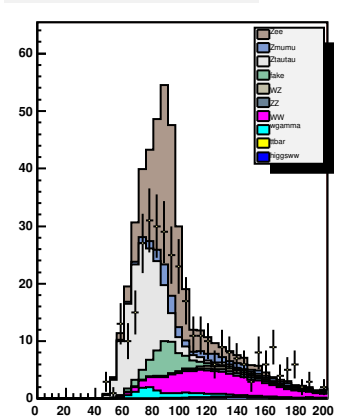
SBHs-NN Variable Metsig cut dilmass



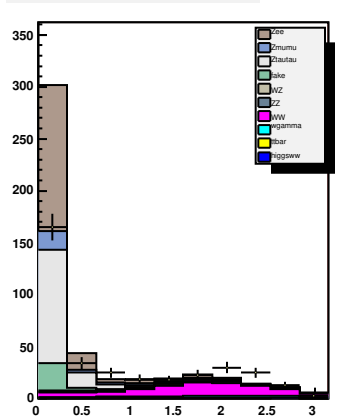
SBHs-NN Variable Metsig cut metmag



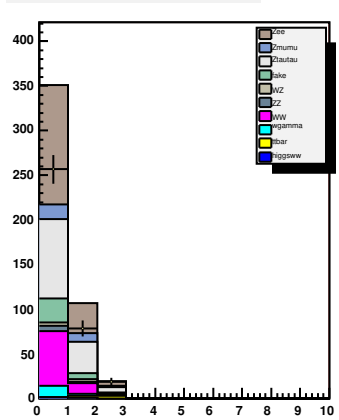
SBHs-NN Variable Metsig cut addEt



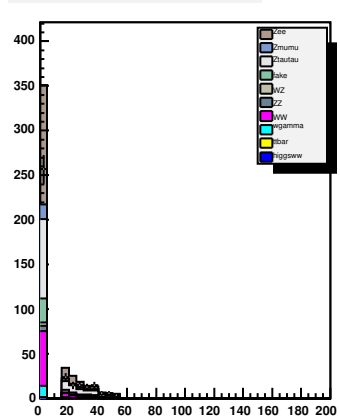
SBHs-NN Variable Metsig cut dPhiMetLJ



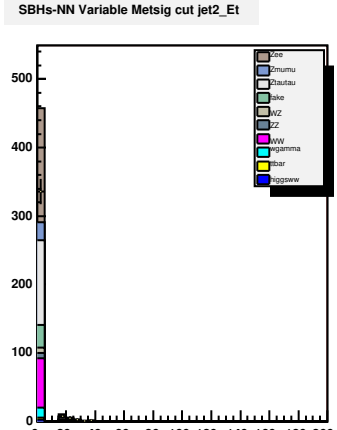
SBHs-NN Variable Metsig cut tightjets



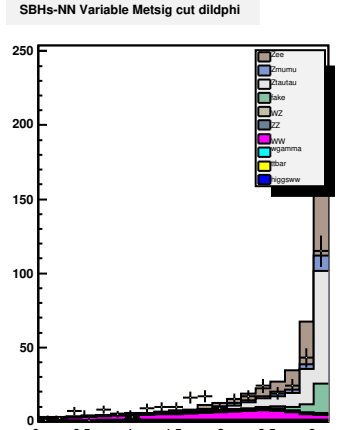
SBHs-NN Variable Metsig cut jet1_Et



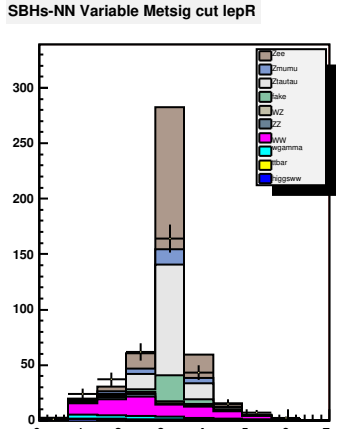
SBHs-NN Variable Metsig cut jet2_Et



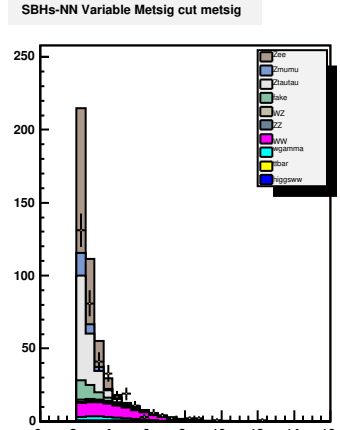
SBHs-NN Variable Metsig cut dildphi



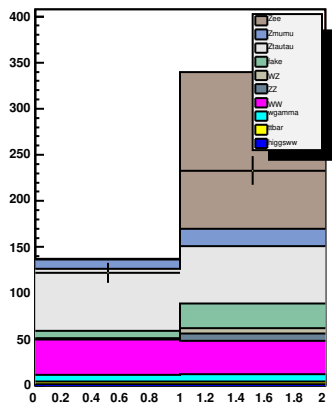
SBHs-NN Variable Metsig cut lepR



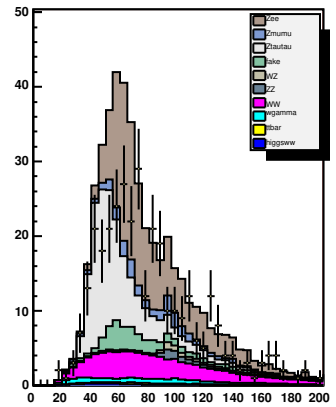
SBHs-NN Variable Metsig cut metsig



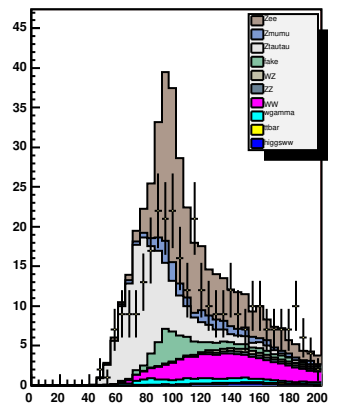
SBHs-NN Variable Metsig cut diltype



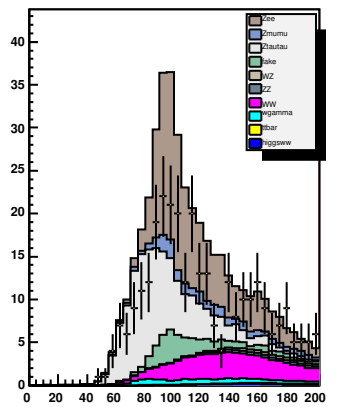
SBHs-NN Variable Metsig cut Mt_ll



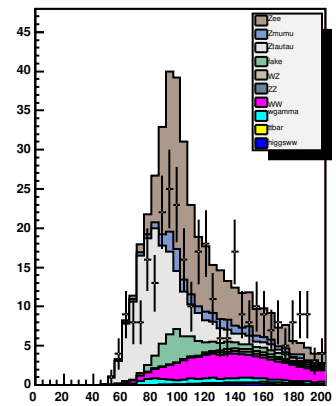
SBHs-NN Variable Metsig cut Mt_llMet



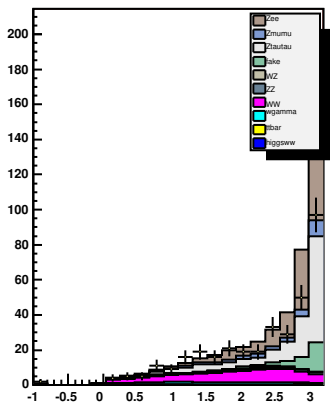
SBHs-NN Variable Metsig cut Mt_All



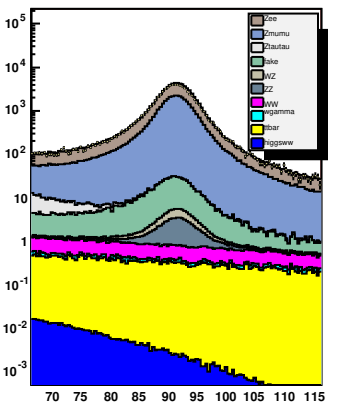
SBHs-NN Variable Metsig cut lsr



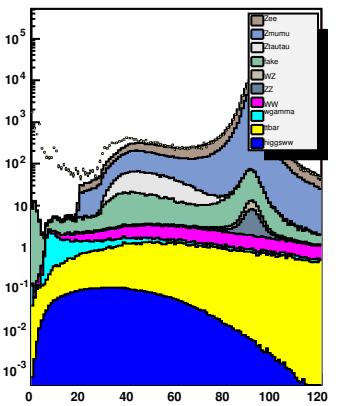
SBHs-NN Variable Metsig cut DilPhillCorr



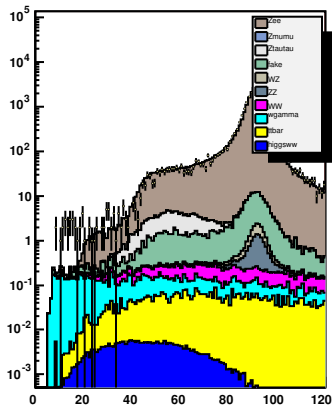
SBHs-dilepton masses for Z peak



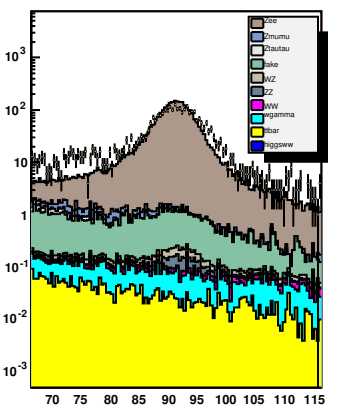
SBHs-dilepton masses for Z peak



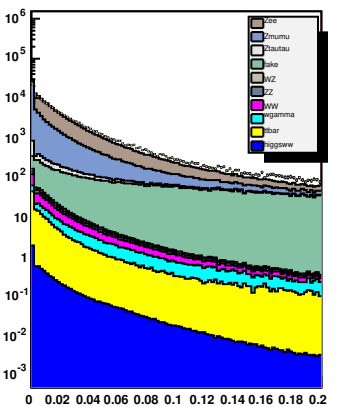
SBHs-dilepton masses for TCE-PHX Z peak



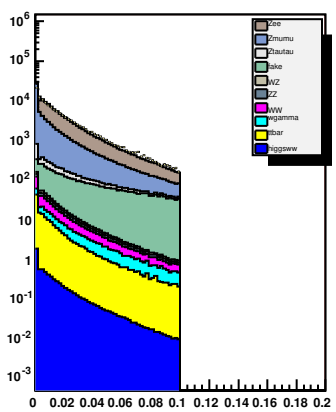
SBHs-same sign dilepton masses



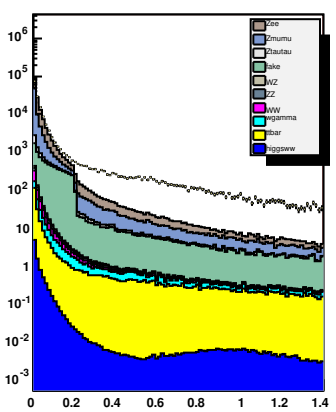
SBHs-before lepton calorimeter isolation cut



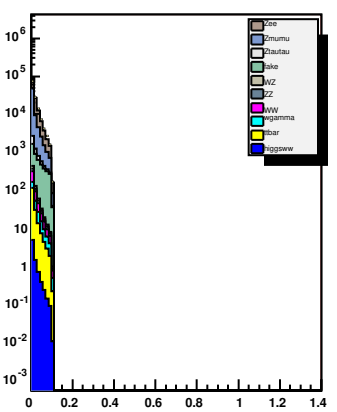
SBHs-after lepton calorimeter isolation cut



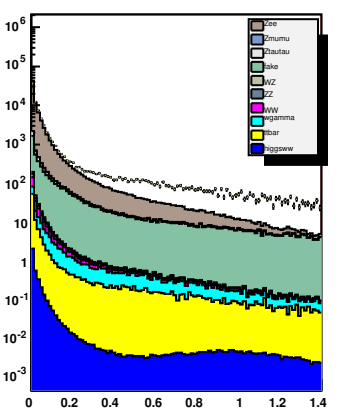
SBHs-before lepton calorimeter isolation cut



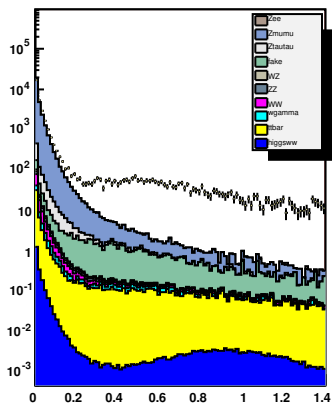
SBHs-after lepton calorimeter isolation cut



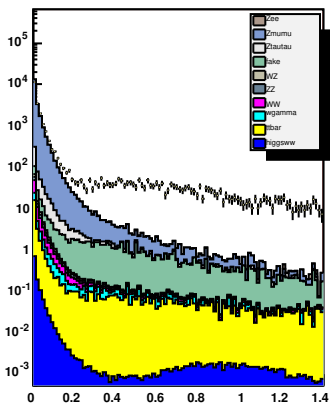
SBHs-TCE Trk Isolation



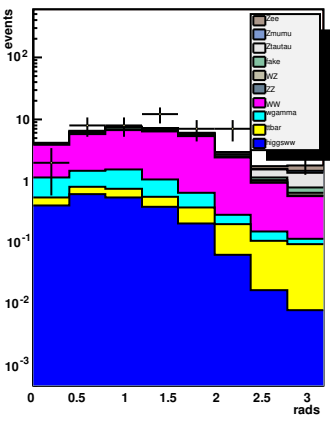
SBHs-CMUP Trk Isolation



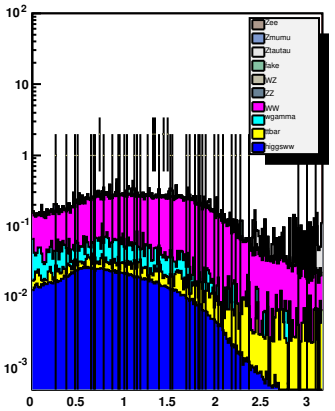
SBHs-CMX Trk Isolation



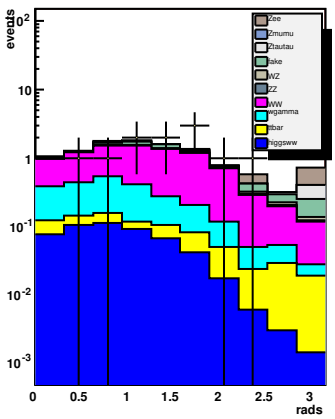
SBHs-lepton angular separation

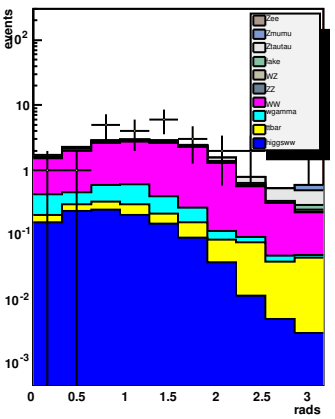


SBHs-dildphi in ALLfor like

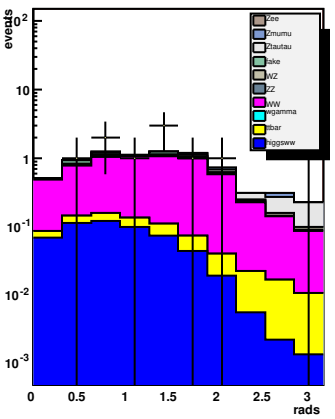


SBHs-lepton angular separation of electrons

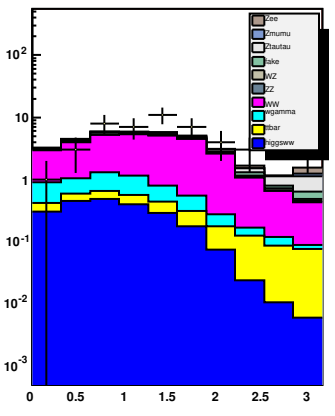




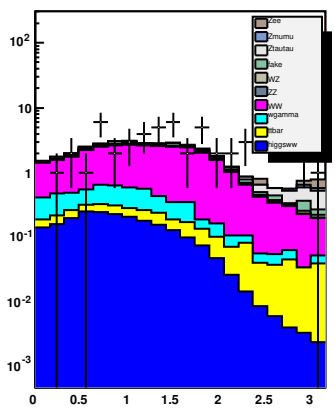
SBHs-lepton angular separation of muons



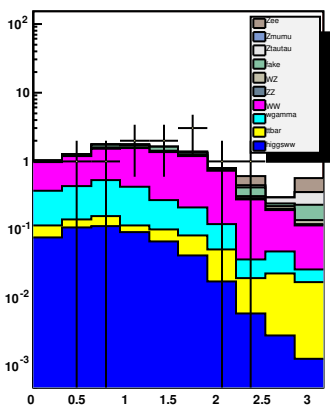
SBHs-dildphi in ALL



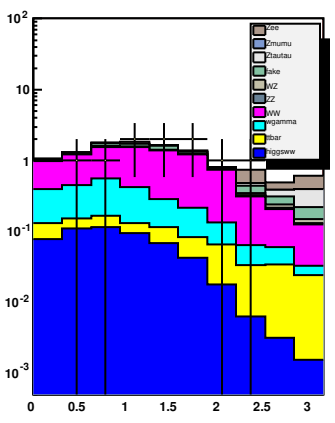
SBHs-dildphi in ALL



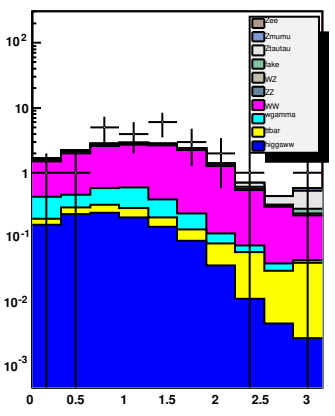
SBHs-dphi of electrons, high JES



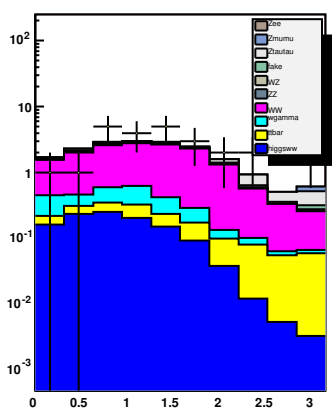
SBHs-dphi of electrons, low JES



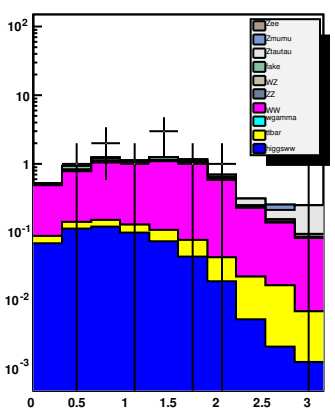
SBHs-dphi of electron and muon, high JES



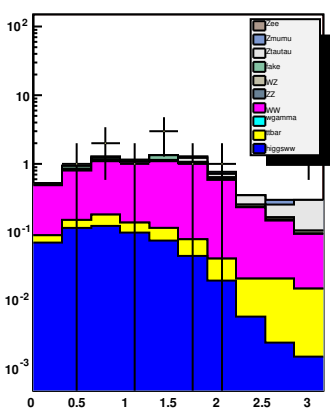
SBHs-dphi of electron and muon, low JES



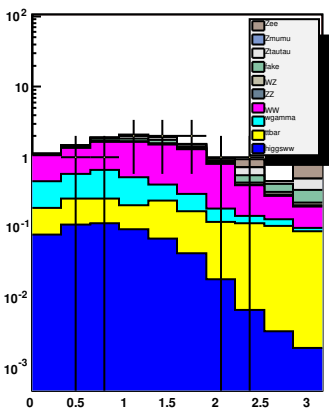
SBHs-dphi of muons, high JES



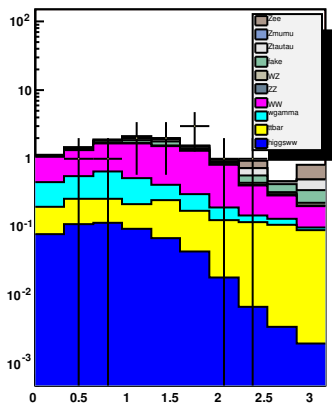
SBHs-dphi of muons, low JES



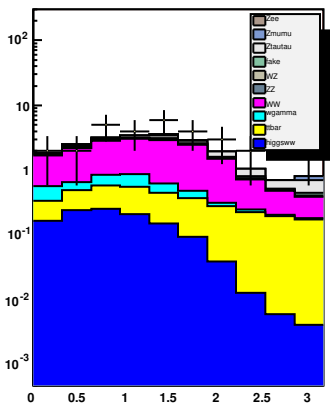
SBHs-dphi of electrons, high LES



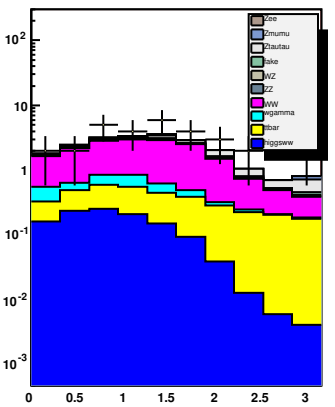
SBHs-dphi of electrons, low LES



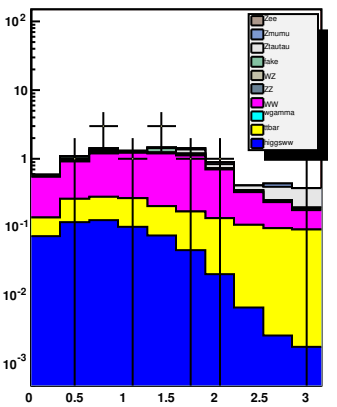
SBHs-dphi of electron and muon, high LES



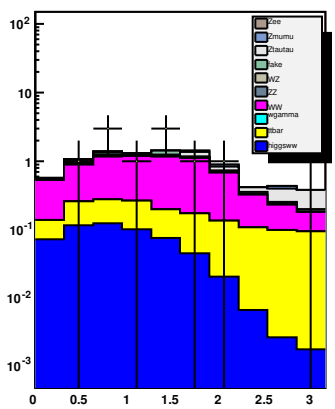
SBHs-dphi of electron and muon, low LES



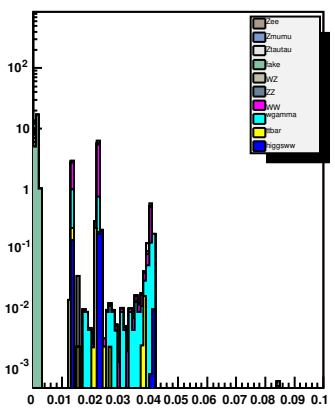
SBHs-dphi of muons, high LES



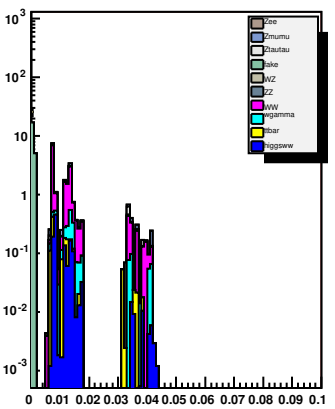
SBHs-dphi of muons, low LES



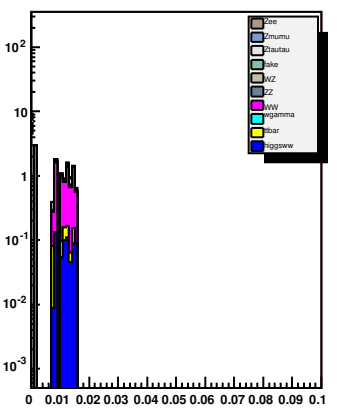
SBHs-Relative Weights Error for electrons



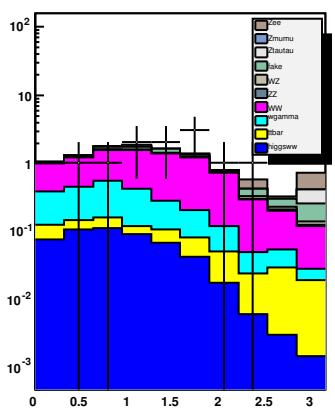
SBHs-Relative Weights Error for electron and muon



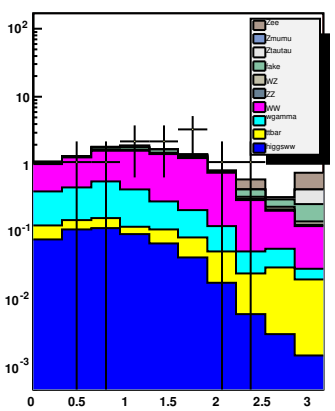
SBHs-Relative Weights Error for muons



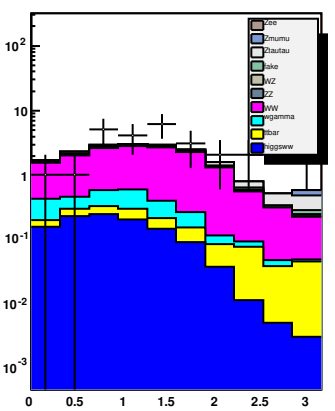
SBHs-dphi of electrons, high ISR



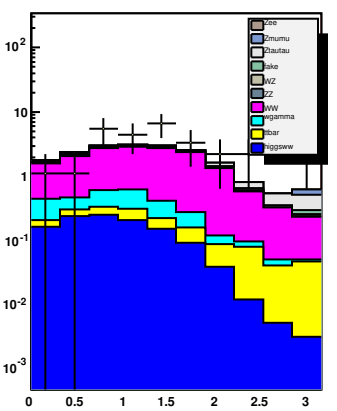
SBHs-dphi of electrons, low ISR



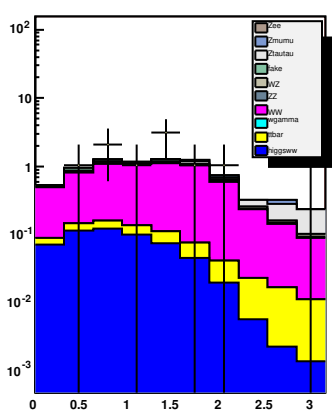
SBHs-dphi of electron and muon, high ISR



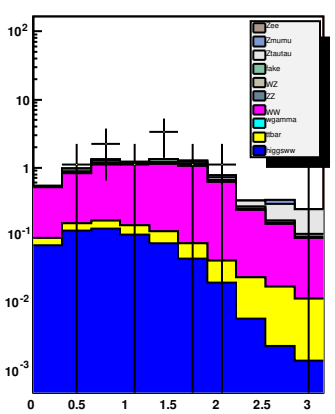
SBHs-dphi of electron and muon, low ISR



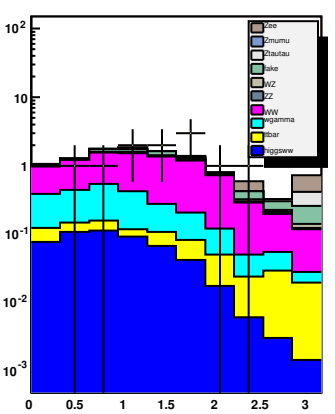
SBHs-dphi of muons, high ISR



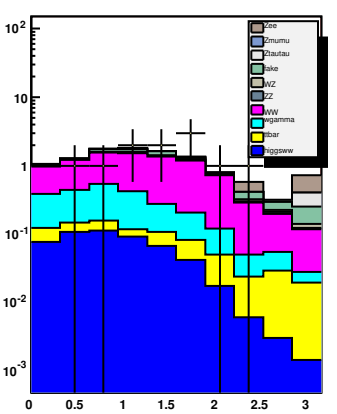
SBHs-dphi of muons, low ISR



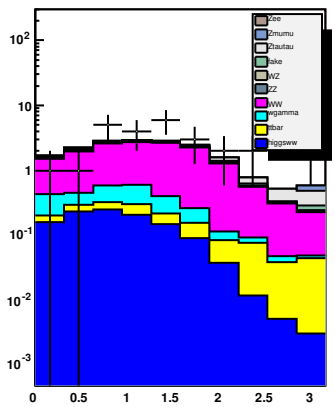
SBHs-dphi of electrons, high Fake



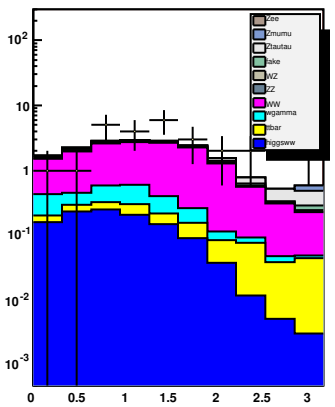
SBHs-dphi of electrons, low Fake



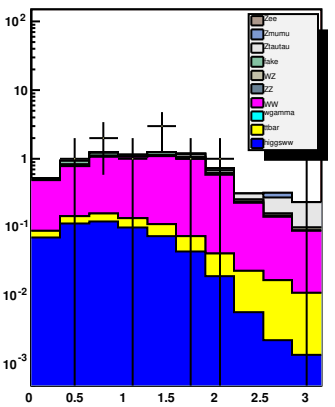
SBHs-dphi of electron and muon, high Fake



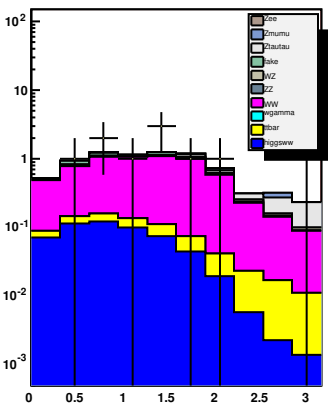
SBHs-dphi of electron and muon, low Fake



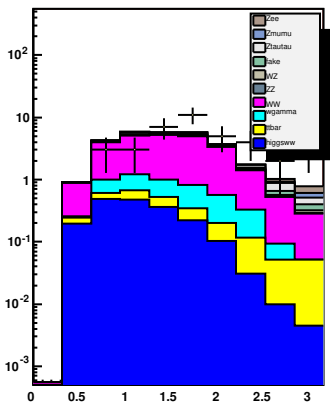
SBHs-dphi of muons, high Fake



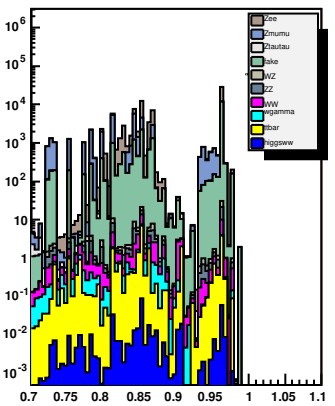
SBHs-dphi of muons, low Fake



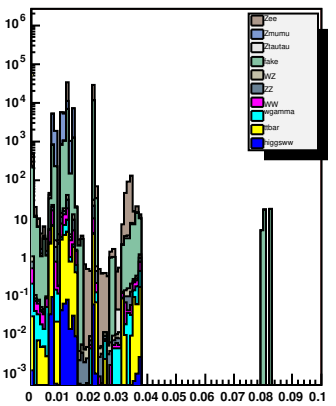
SBHs-dilepton dR



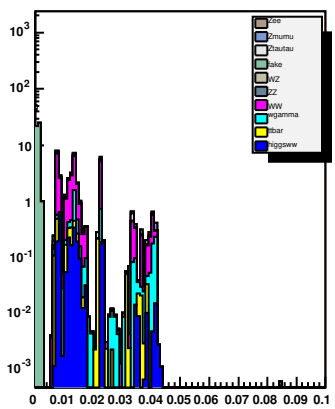
SBHs-Weight forALL



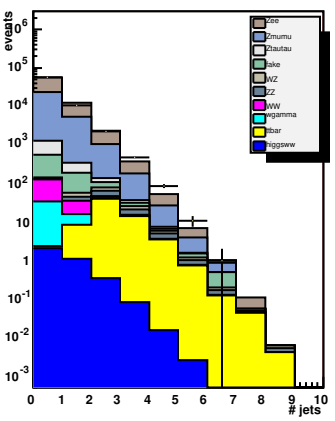
SBHs-Weight Error for ALL



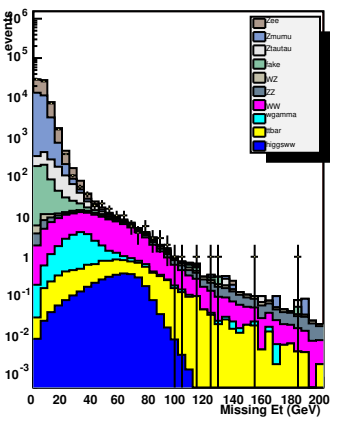
SBHs-Relative Weight Error for ALL



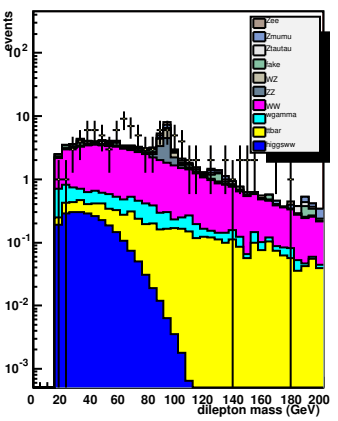
SBHs-Number of Jets in before Jet cut



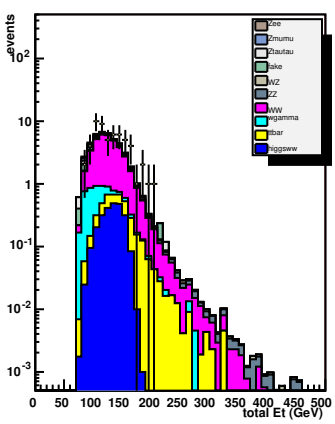
SBHs-Missing Et before missing et cut



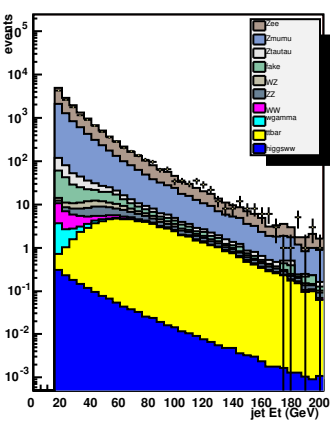
SBHs-dilepton mass before dilepton mass cut



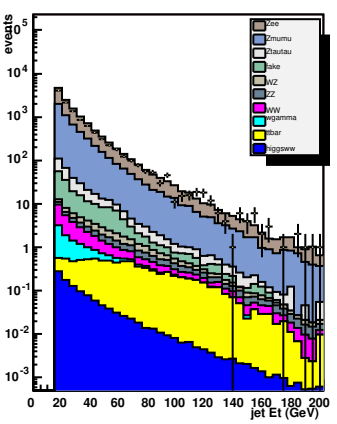
SBHs-total Et in before total et cut



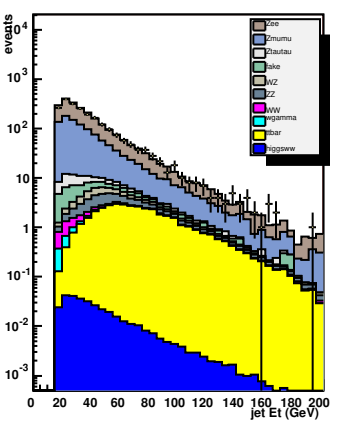
SBHs-Lead jet Et for all jets before Jet cut



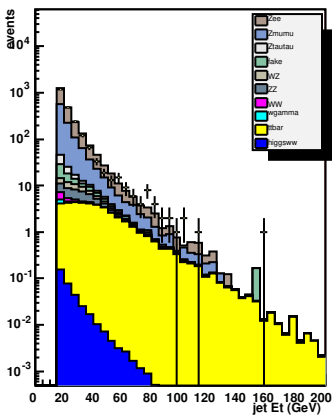
SBHs-Lead jet Et for one jet before Jet cut



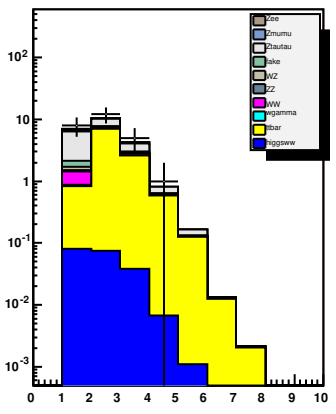
SBHs-Lead jet Et for two jets in before Jet cut



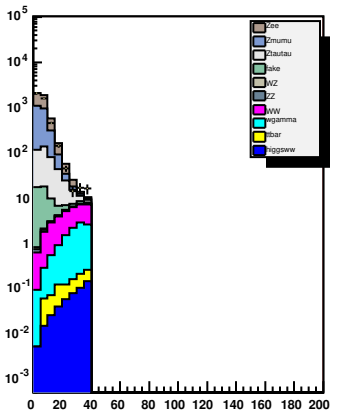
SBHs-Second jet Et for two jets before Jet cut



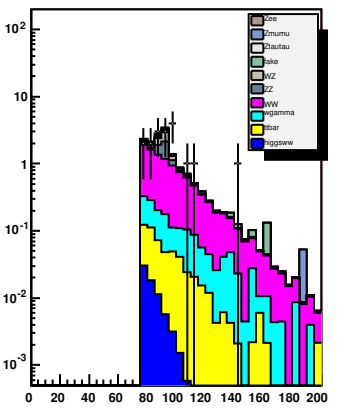
SBHs-Number of Jets inALL in Nm1 Jet cut



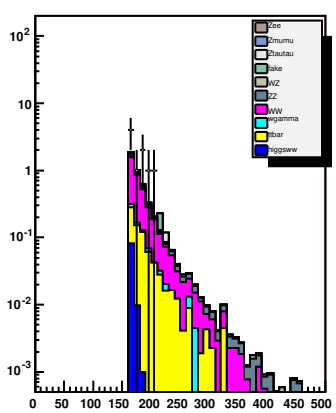
SBHs-Missing Et inALL in Nm1 missing et cut



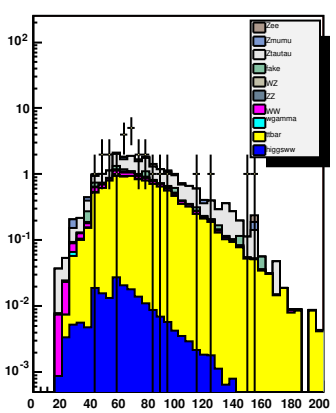
SBHs-dil mass inALL in Nm1 dil mass max cut



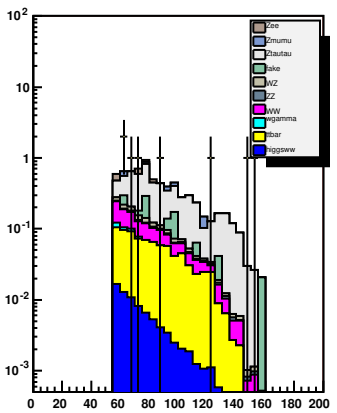
SBHs-total et inALL in Nm1 total et cut



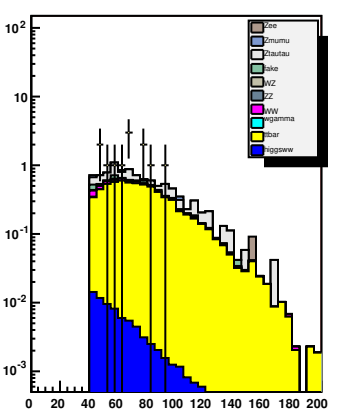
SBHs-Lead jet Et for all jets inALL in Nm1 Jet cut



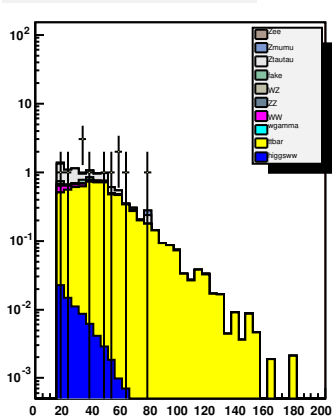
SBHs-Lead jet Et for one jet in ALL in Nm1 Jet cut



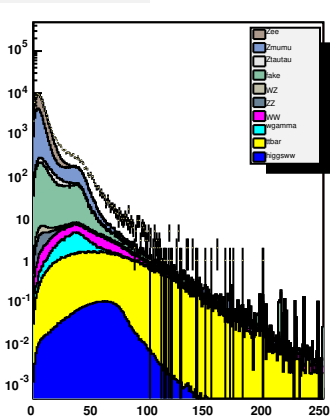
SBHs-Lead jet Et for two jets in ALL in Nm1 Jet cut



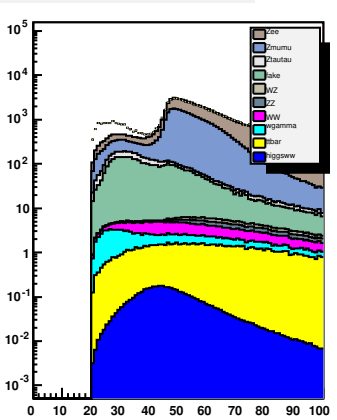
SBHs-Second jet Et for two jets in ALL in Nm1 Jet cut



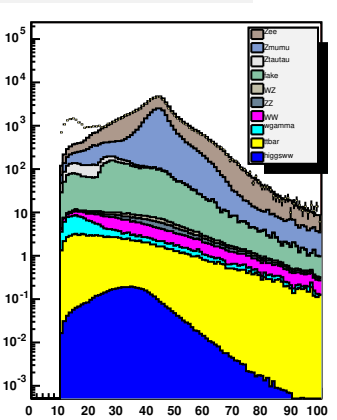
SBHs-Missing Et



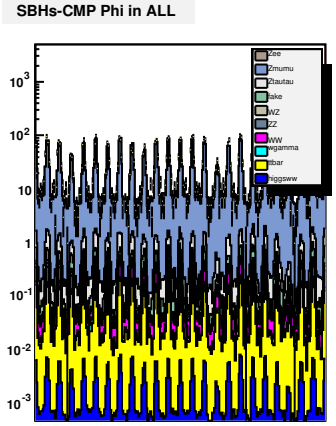
SBHs-highest lepton Et in ALL



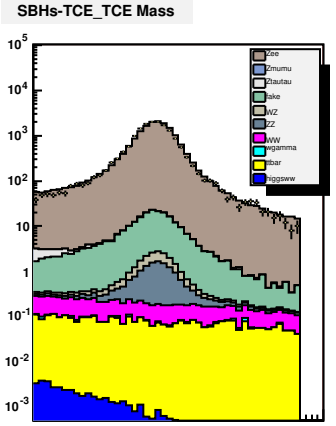
SBHs-secondhighest lepton Et in ALL



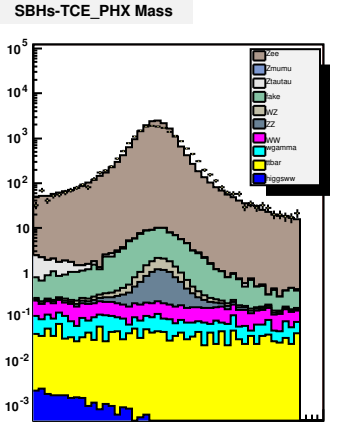
SBHs-CMP Phi in ALL



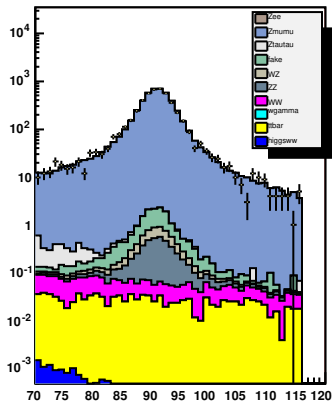
SBHs-TCE_TCE Mass



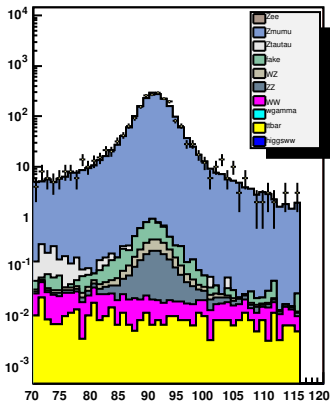
SBHs-TCE_PHX Mass



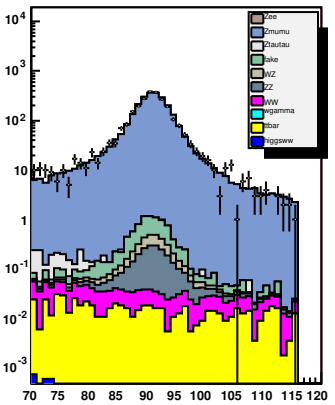
SBHs-CMUP_CMUP Mass



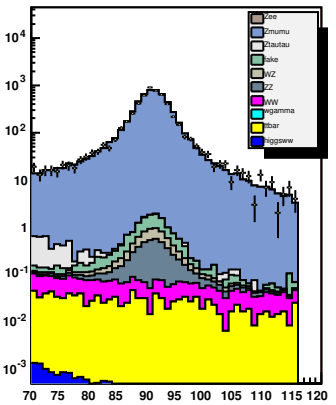
SBHs-CMUP_CMU Mass



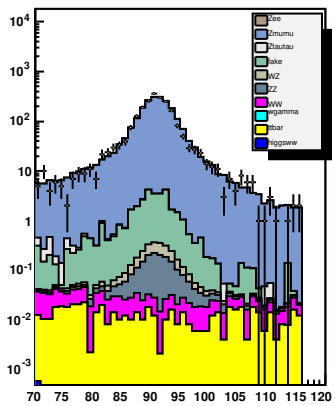
SBHs-CMUP_CMP Mass



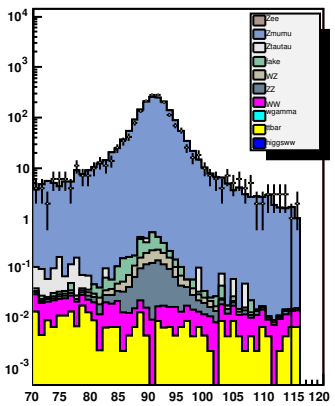
SBHs-CMUP_CMX Mass



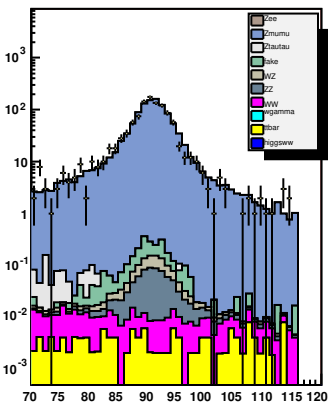
SBHs-CMUP_CMIO Mass



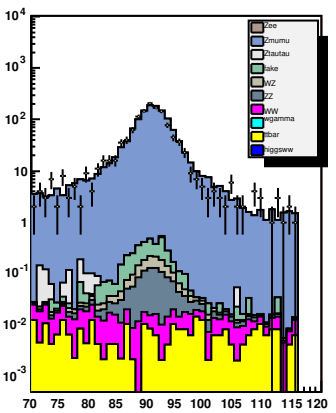
SBHs-CMX_CMX Mass



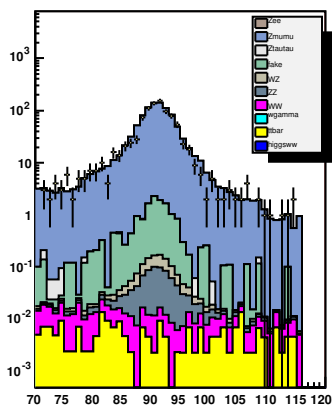
SBHs-CMX_CMU Mass



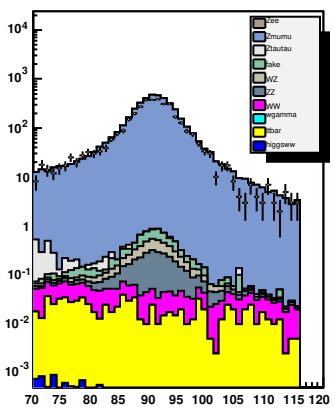
SBHs-CMX_CMP Mass



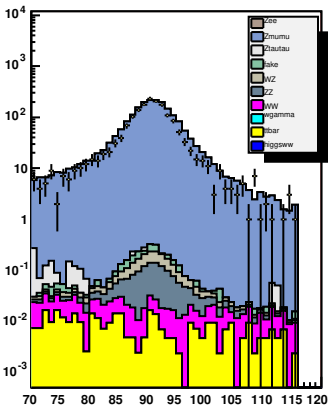
SBHs-CMX_CMIO Mass



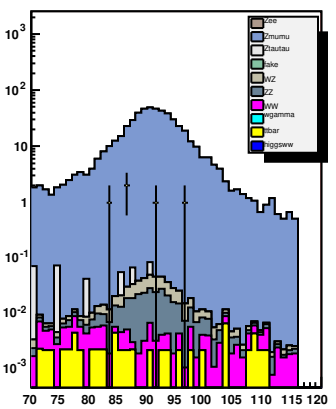
SBHs-CMUP_BMU Mass



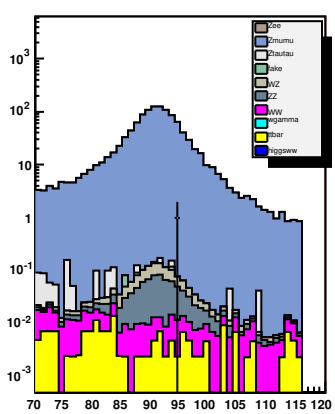
SBHs-CMX_BMU Mass



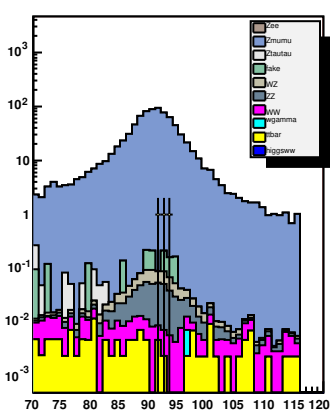
SBHs-BMU_BMU Mass



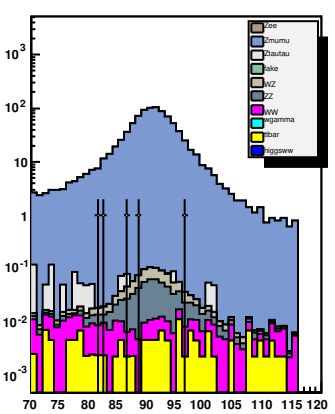
SBHs-CMP_BMU Mass



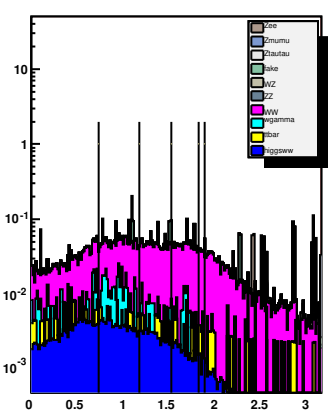
SBHs-CMIO_BMU Mass



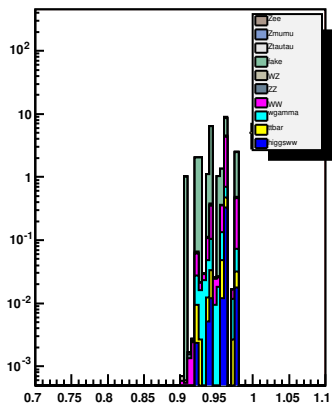
SBHs-CMU_BMU Mass



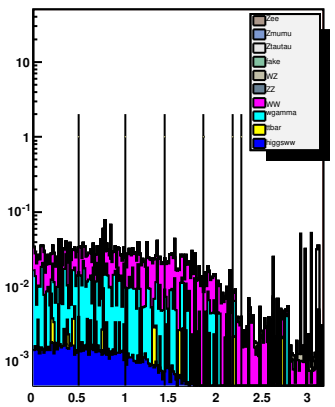
SBHs-TCE_TCE dilDphilike



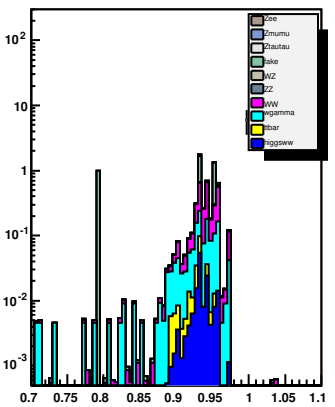
SBHs-TCE_TCE rawweight



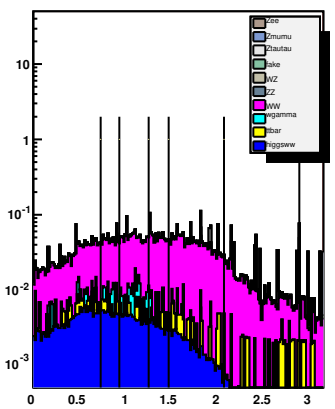
SBHs-TCE_PHX dilDphilike



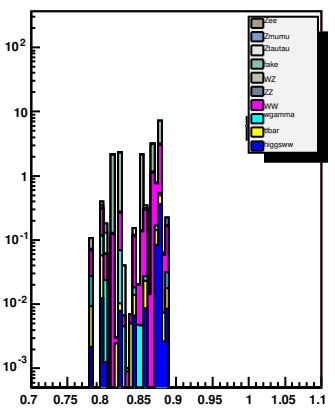
SBHs-TCE_PHX rawweight



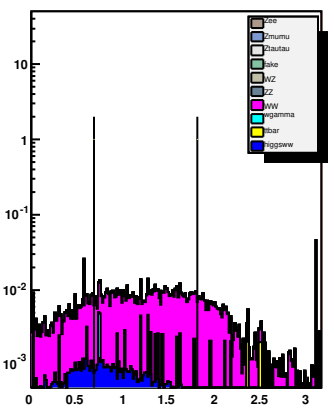
SBHs-TCE_CMUP dilDphilike



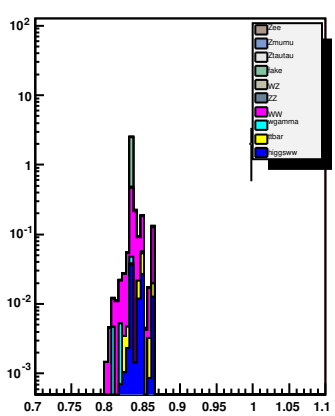
SBHs-TCE_CMUP rawweight



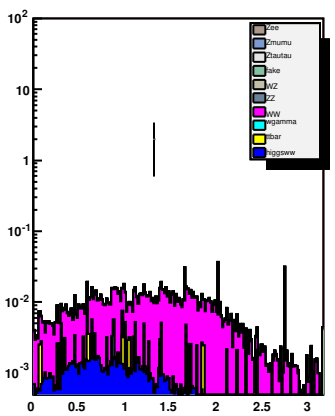
SBHs-TCE_CMU dilDphilike



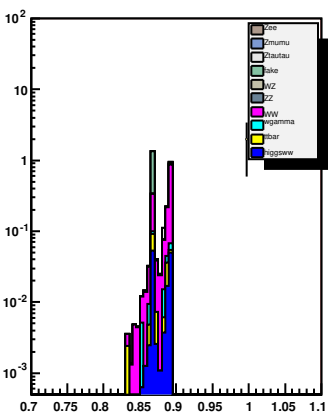
SBHs-TCE_CMU rawweight



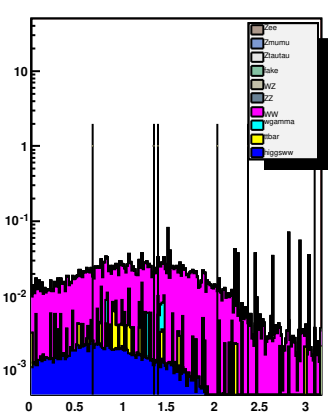
SBHs-TCE_CMP dilDphilike



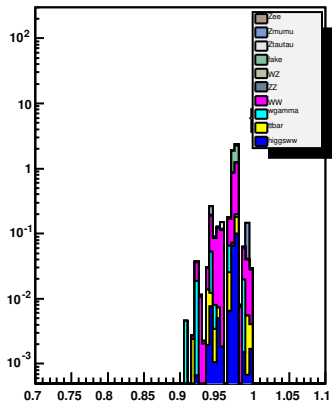
SBHs-TCE_CMP rawweight



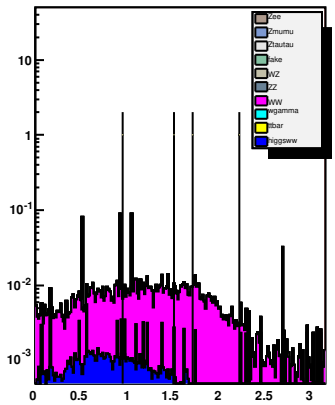
SBHs-TCE_CMX dilDphilike



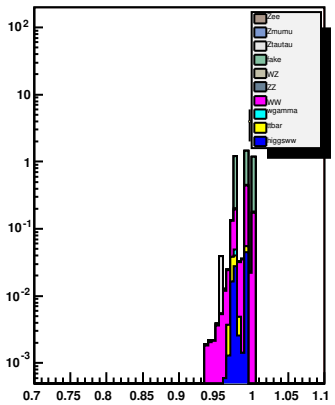
SBHs-TCE_CMX rawweight



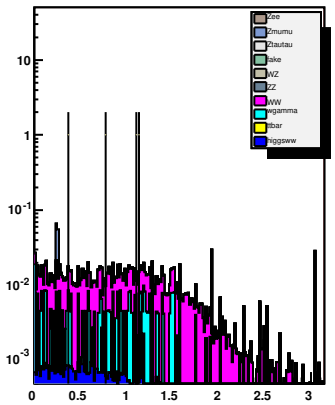
SBHs-TCE_CMIO dilDphilike



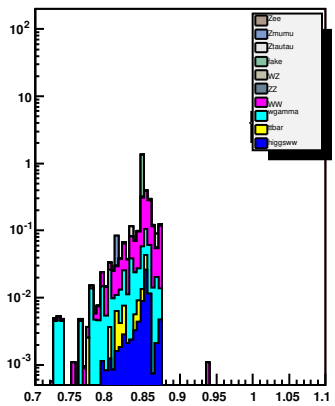
SBHs-TCE_CMIO rawweight



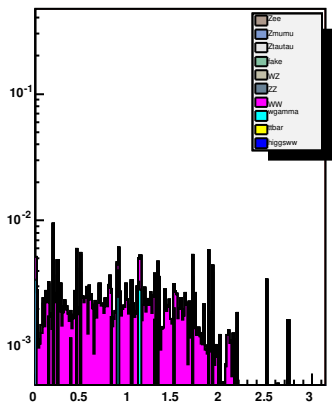
SBHs-PHX_CMUP dilDphilike



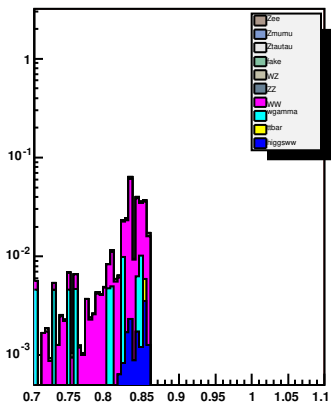
SBHs-PHX_CMUP rawweight



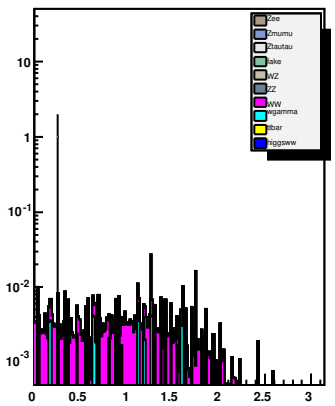
SBHs-PHX_CMU dilDphilike



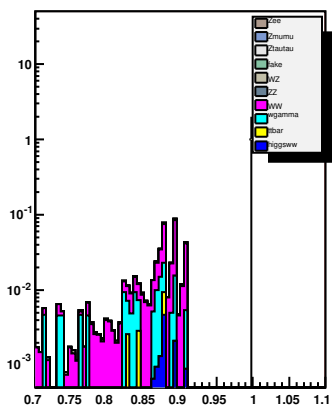
SBHs-PHX_CMU rawweight



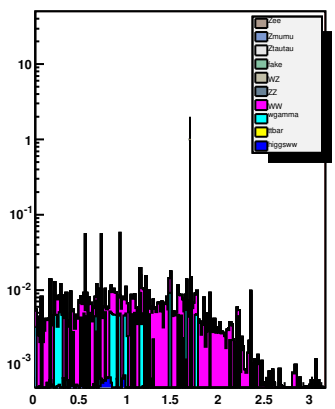
SBHs-PHX_CMP dilDphilike



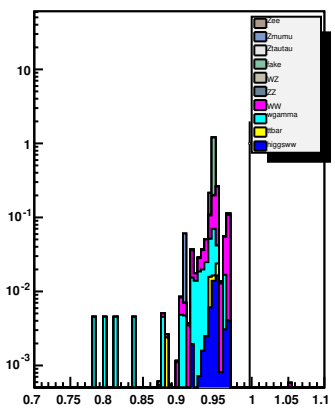
SBHs-PHX_CMP rawweight



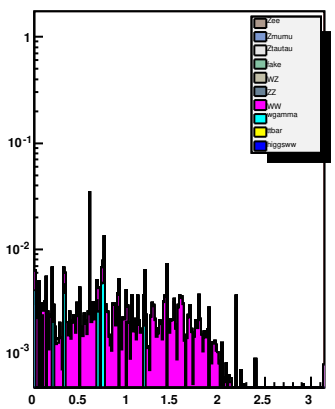
SBHs-PHX_CMX dilDphilike



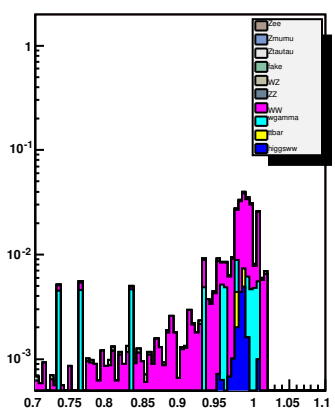
SBHs-PHX_CMX rawweight

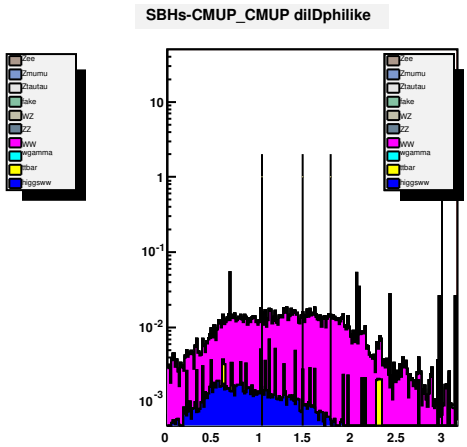


SBHs-PHX_CMIO dilDphilike



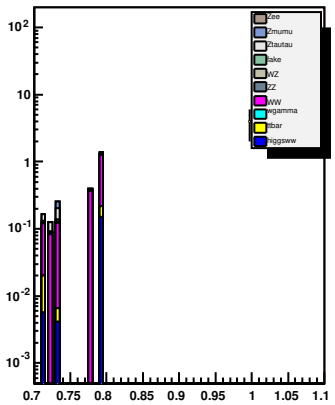
SBHs-PHX_CMIO rawweight



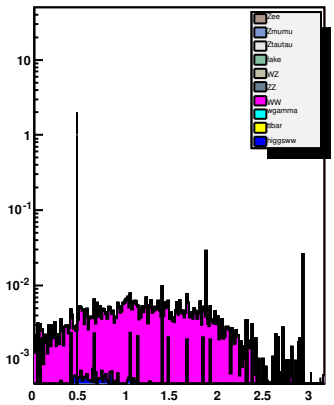


SBHs-CMUP_CMUP dilDphilike

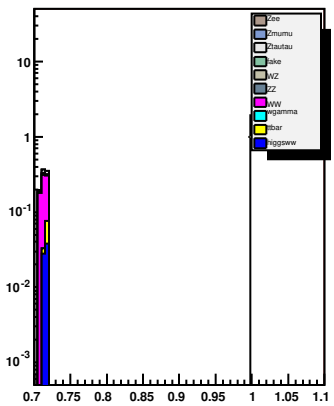
SBHs-CMUP_CMUP rawweight



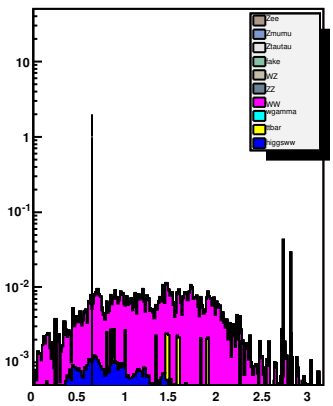
SBHs-CMUP_CMU dilDphilike



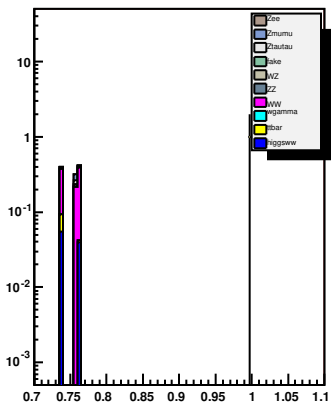
SBHs-CMUP_CMU rawweight



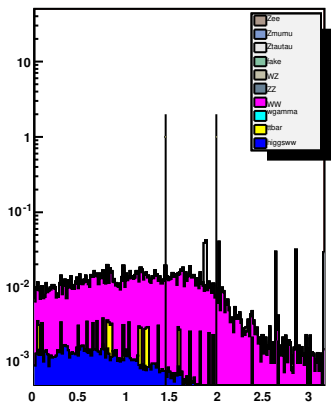
SBHs-CMUP_CMP dilDphilike



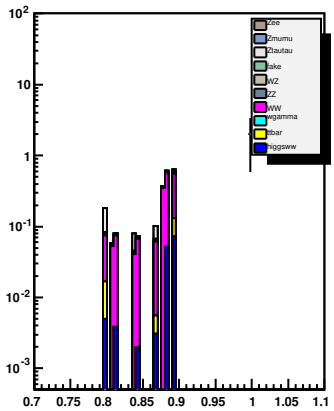
SBHs-CMUP_CMP rawweight



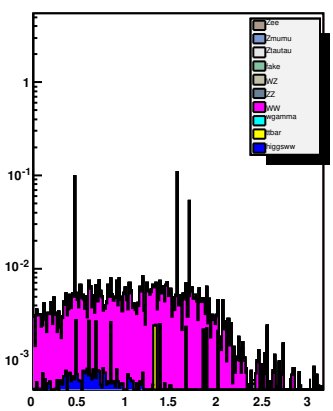
SBHs-CMUP_CMX dilDphilike



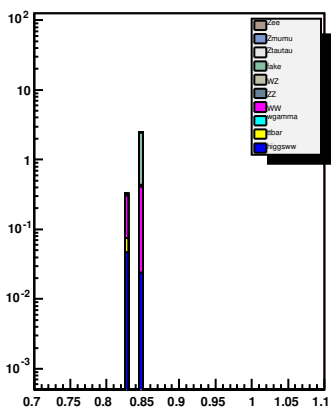
SBHs-CMUP_CMX rawweight



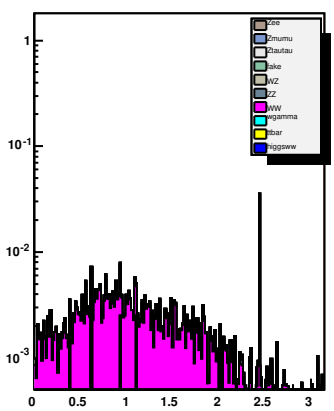
SBHs-CMUP_CMIO dilDphilike



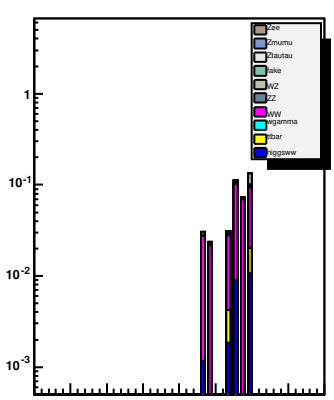
SBHs-CMUP_CMIO rawweight



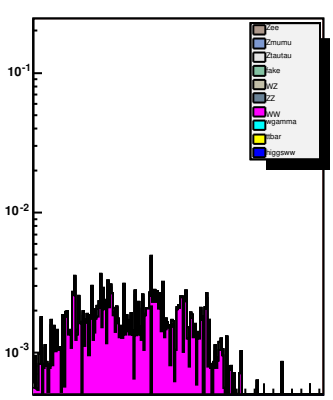
SBHs-CMX_CMX dilDphilike



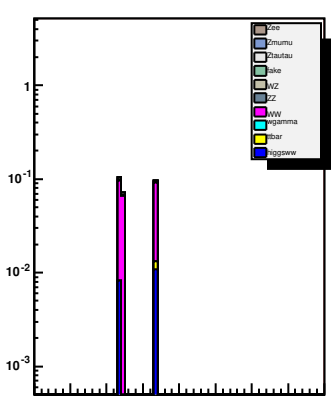
SBHs-CMX_CMX rawweight



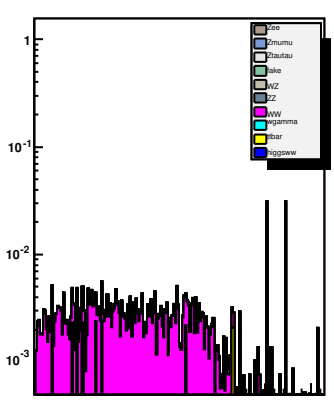
SBHs-CMX_CMU dilDphilike



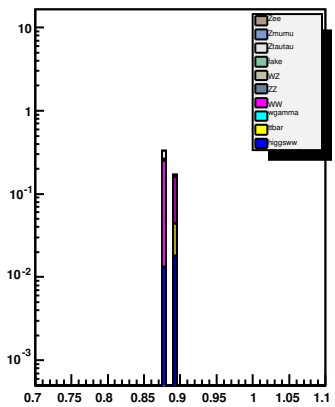
SBHs-CMX_CMU rawweight



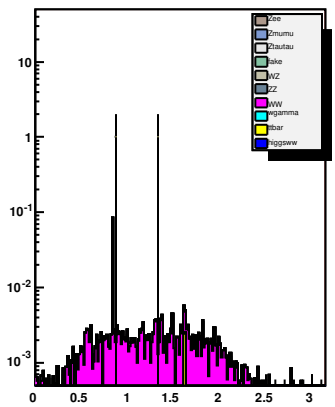
SBHs-CMX_CMP dilDphilike



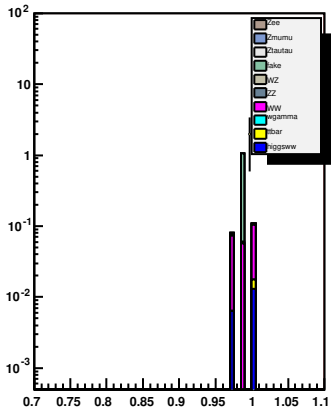
SBHs-CMX_CMP rawweight



SBHs-CMX_CMIO dilDphilike



SBHs-CMX_CMIO rawweight



Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

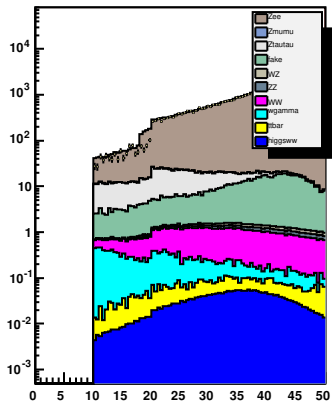
Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

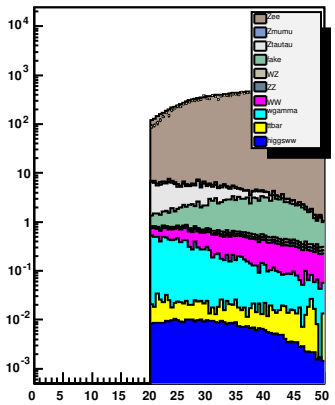
Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

Zee
Zmumu
Ztautau
bke
WZ
ZZ
WW
Wgamma
tbar
ttggww

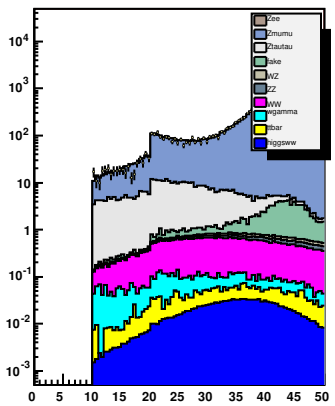
SBHs-TCE leptonET



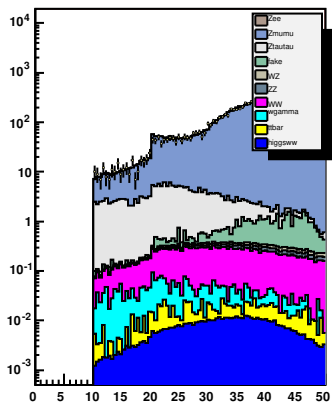
SBHs-PHX leptonET



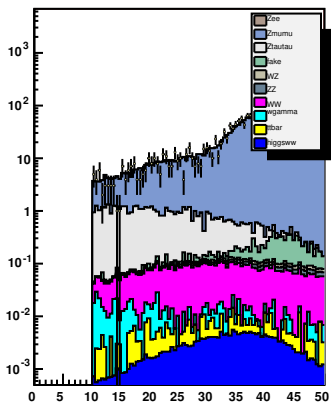
SBHs-CMUP leptonET



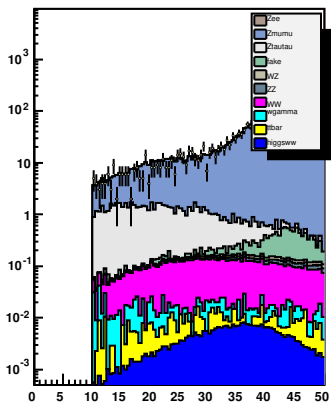
SBHs-CMX leptonET



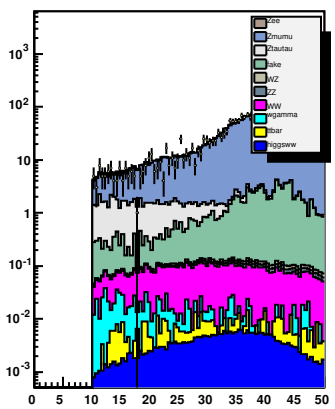
SBHs-CMU leptonET



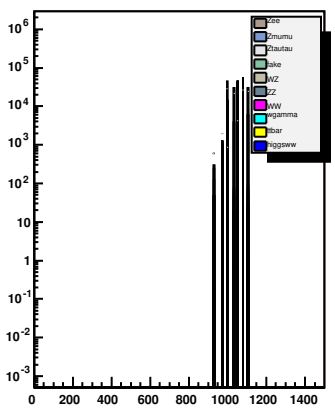
SBHs-CMP leptonET



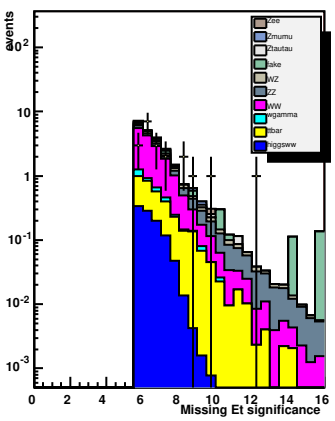
SBHs-CMIO leptonET



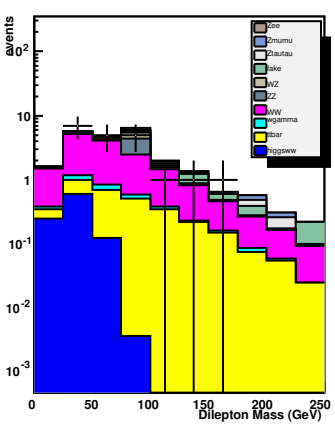
SBHs-luminosity



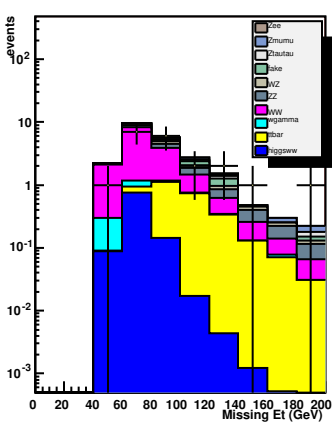
SBHs-WW missing Et significance



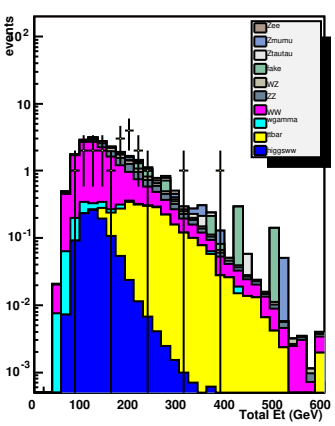
SBHs-WW dilepton mass



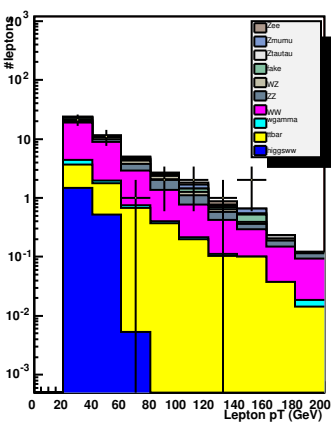
SBHs-WW missing Et

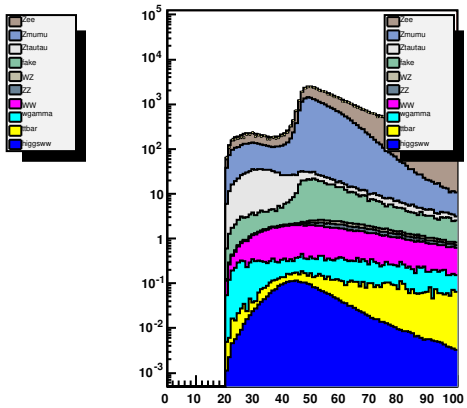


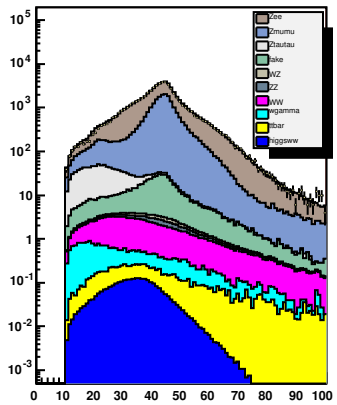
SBHs-WW total Et

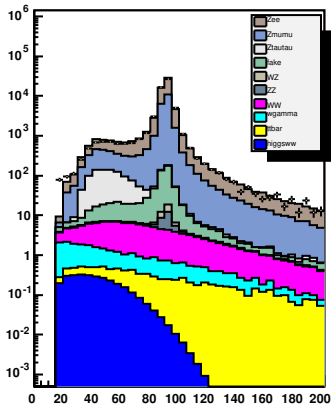


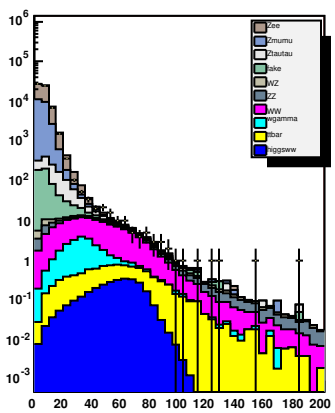
SBHs-WW lepton pT

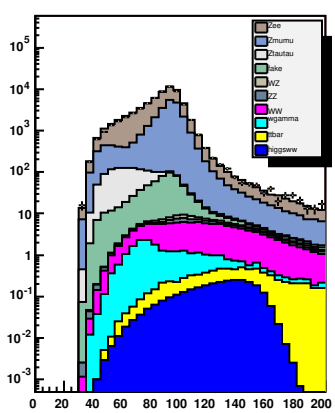


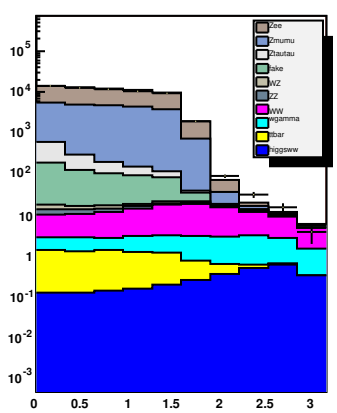

SBHs-NN Variable LepAEn
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

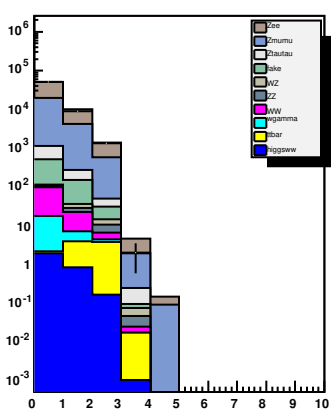

SBHs-NN Variable LepBEn
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

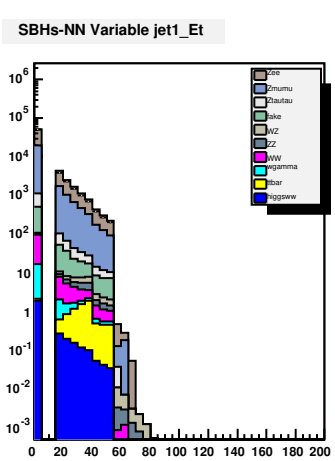

SBHs-NN Variable dilmass
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

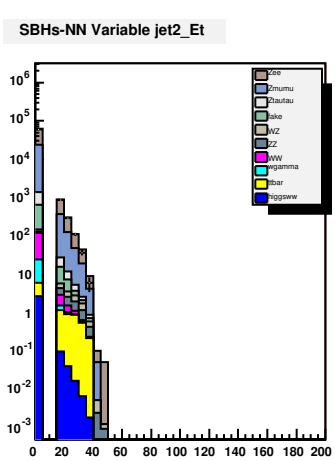

SBHs-NN Variable metmag
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

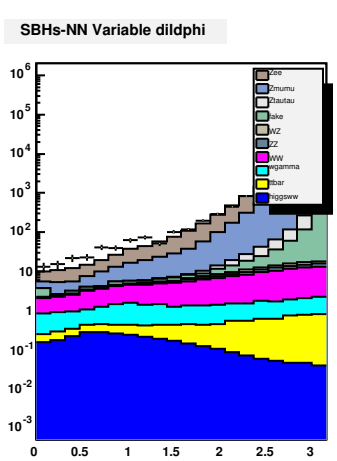

SBHs-NN Variable addEt
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

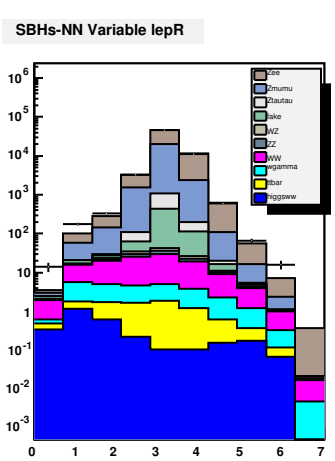

SBHs-NN Variable dPhiMetLJ
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

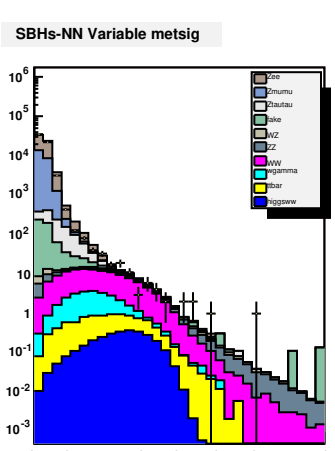

SBHs-NN Variable tightjets
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

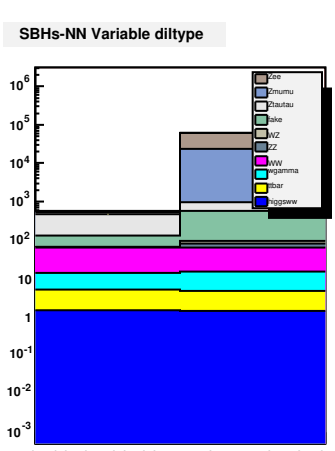

SBHs-NN Variable jet1_Et
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

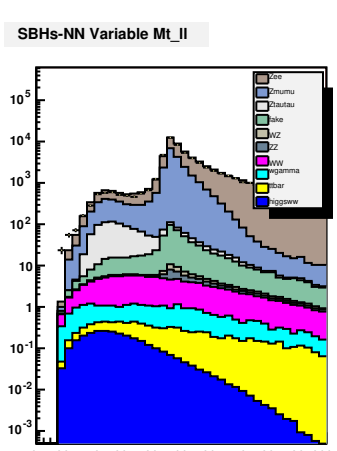

SBHs-NN Variable jet2_Et
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

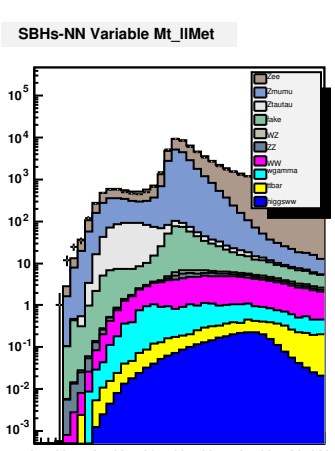

SBHs-NN Variable dildphi
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww


SBHs-NN Variable lepR
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

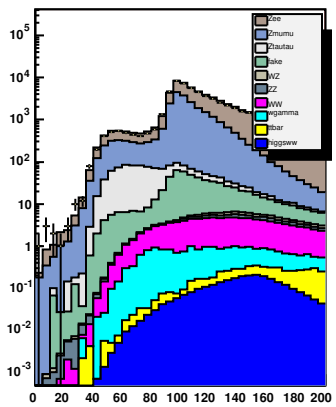

SBHs-NN Variable metsig
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww


SBHs-NN Variable diltype
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

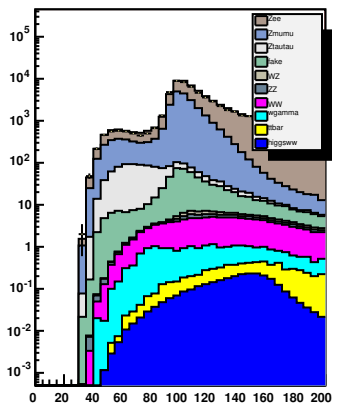

SBHs-NN Variable Mt_ll
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww


SBHs-NN Variable Mt_llMet
Zee
Zmumu
Ztautau
Wke
WZ
ZZ
WW
Wgamma
ttbar
ttggww

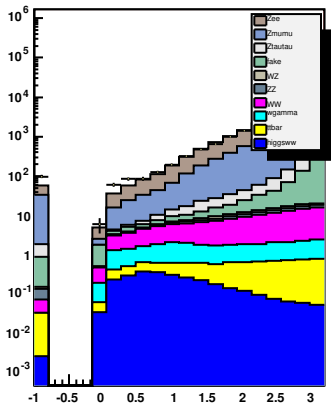
SBHs-NN Variable Mt_All



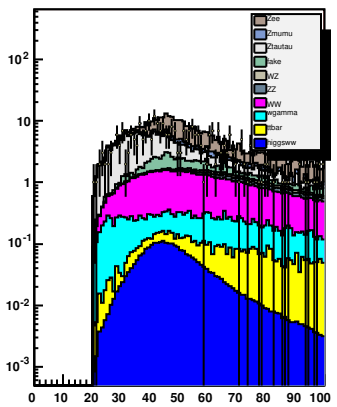
SBHs-NN Variable Isr



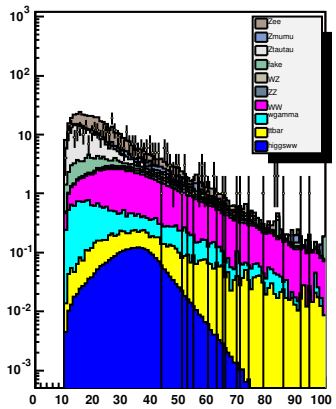
SBHs-NN Variable DilPhillCorr



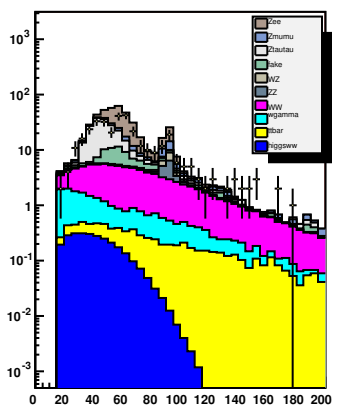
SBHs-NN Variable Metsig cut LepAEn



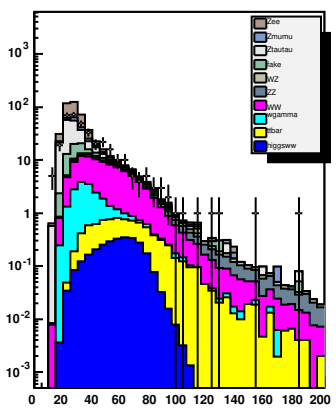
SBHs-NN Variable Metsig cut LepBEn



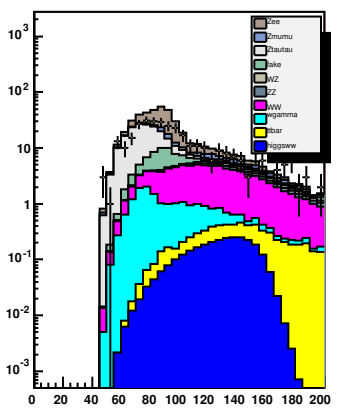
SBHs-NN Variable Metsig cut dilmass



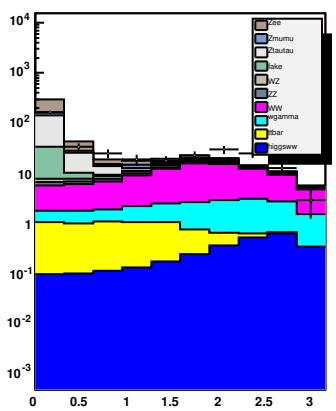
SBHs-NN Variable Metsig cut metmag



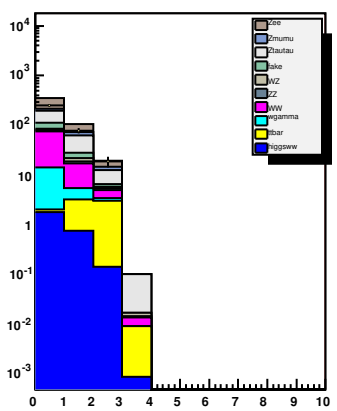
SBHs-NN Variable Metsig cut addEt



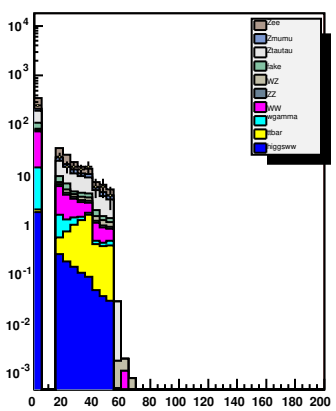
SBHs-NN Variable Metsig cut dPhiMetLJ



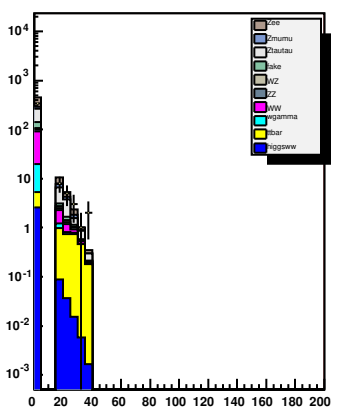
SBHs-NN Variable Metsig cut tightjets



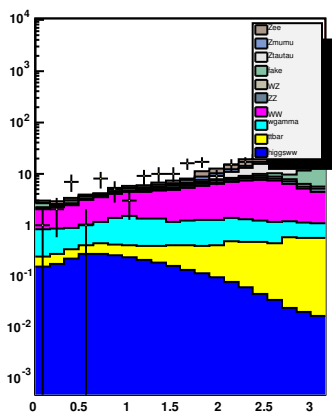
SBHs-NN Variable Metsig cut jet1_Et



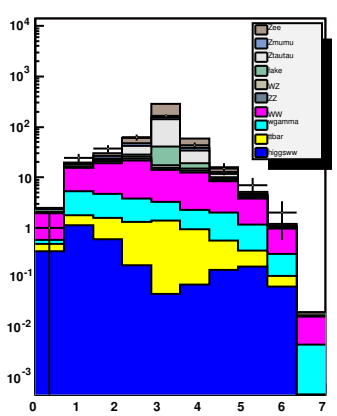
SBHs-NN Variable Metsig cut jet2_Et



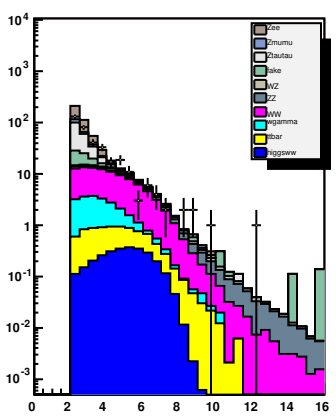
SBHs-NN Variable Metsig cut dildphi



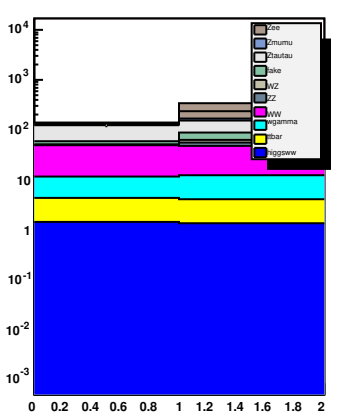
SBHs-NN Variable Metsig cut lepR



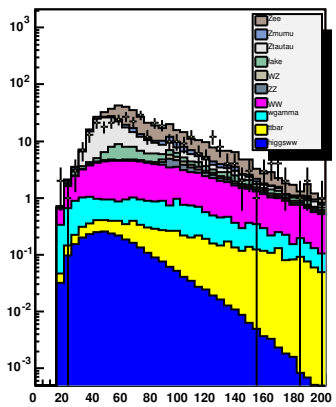
SBHs-NN Variable Metsig cut metsig



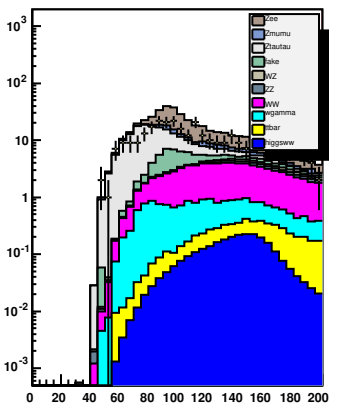
SBHs-NN Variable Metsig cut diltype



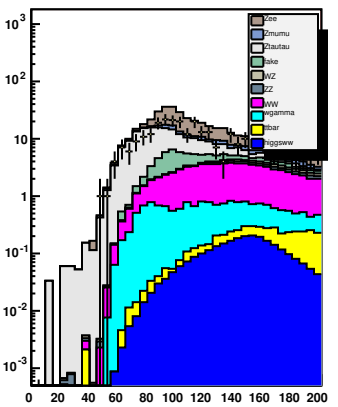
SBHs-NN Variable Metsig cut Mt_ll



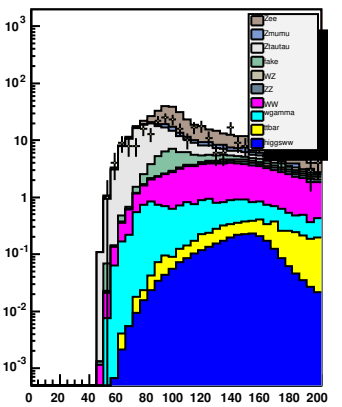
SBHs-NN Variable Metsig cut Mt_llMet



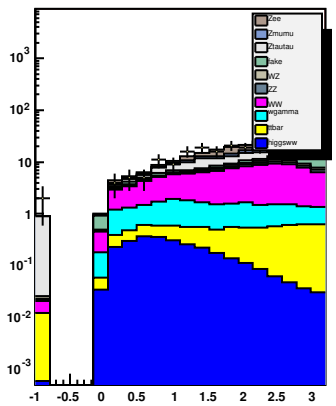
SBHs-NN Variable Metsig cut Mt_All



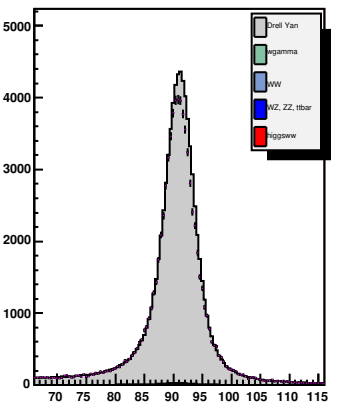
SBHs-NN Variable Metsig cut lsr



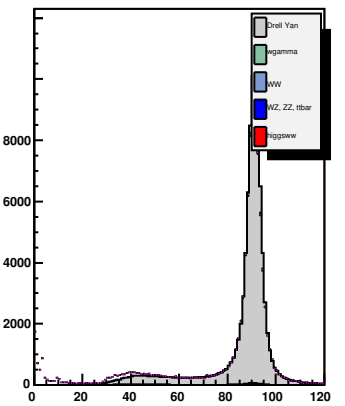
SBHs-NN Variable Metsig cut DilPhillCorr



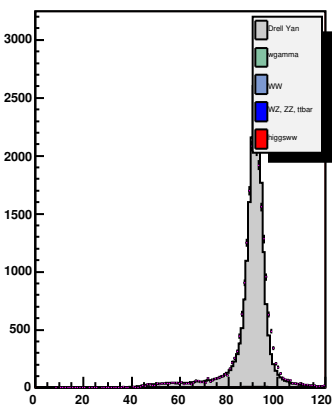
SBHs-dilepton masses for Z peak



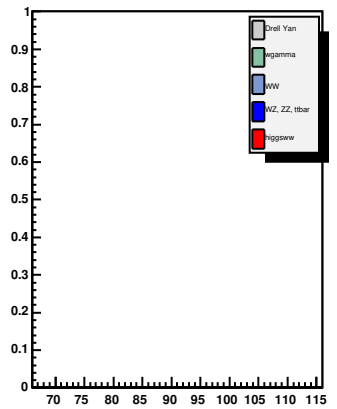
SBHs-dilepton masses for Z peak



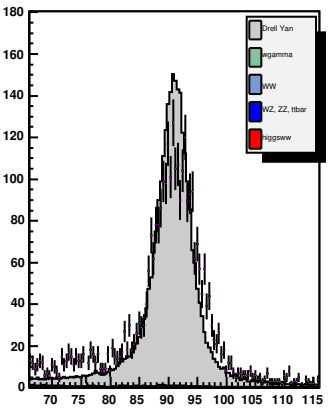
SBHs-dilepton masses for TCE-PHX Z peak



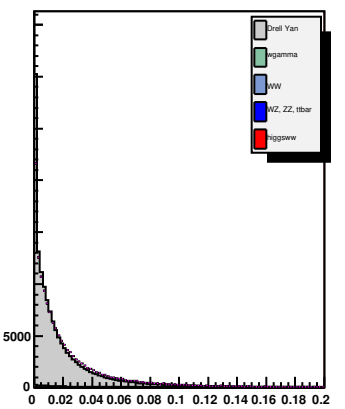
SBHs-hepg dilepton masses for Z peak



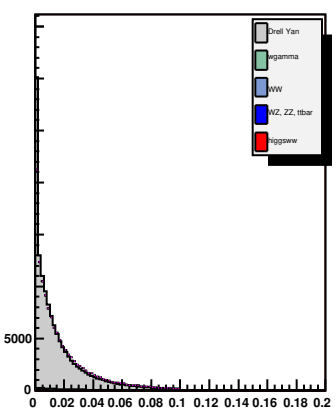
SBHs-same sign dilepton masses



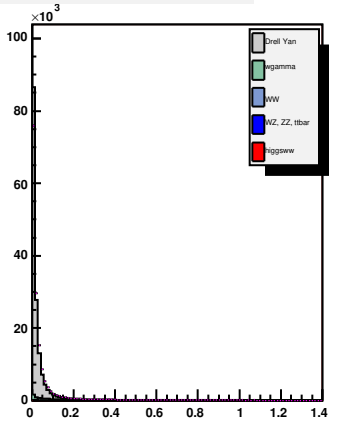
SBHs-before lepton calorimeter isolation cut



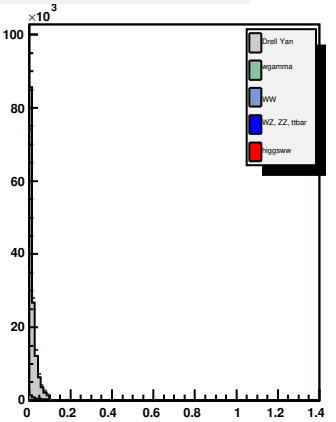
SBHs-after lepton calorimeter isolation cut



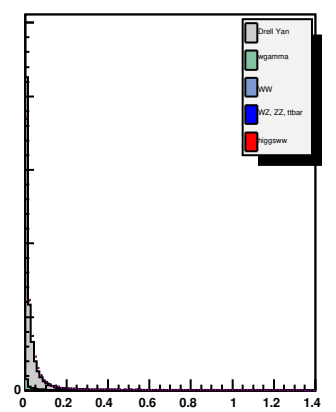
SBHs-before lepton calorimeter isolation cut



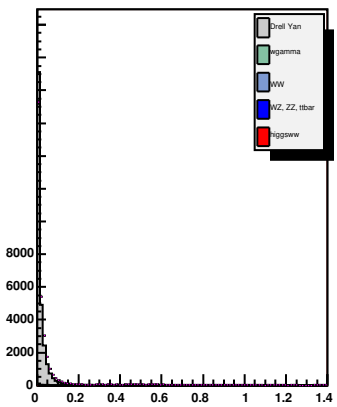
SBHs-after lepton calorimeter isolation cut



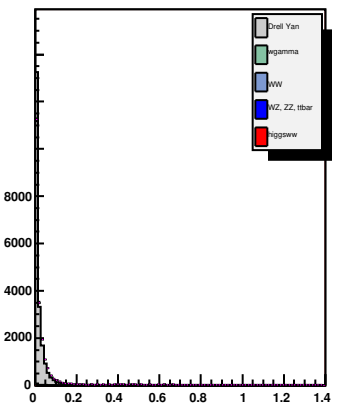
SBHs-TCE Trk Isolation



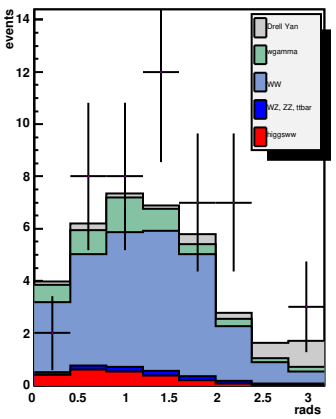
SBHs-CMUP Trk Isolation



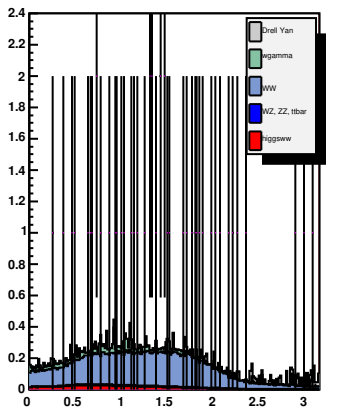
SBHs-CMX Trk Isolation



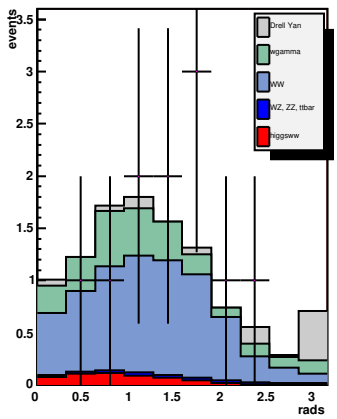
SBHs-lepton angular separation

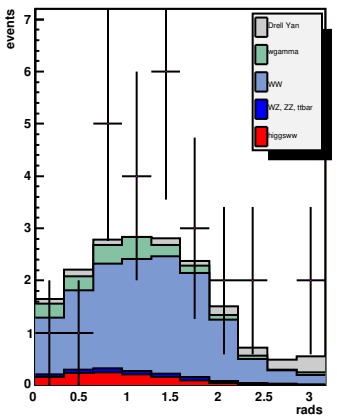


SBHs-dildphi in ALLfor like

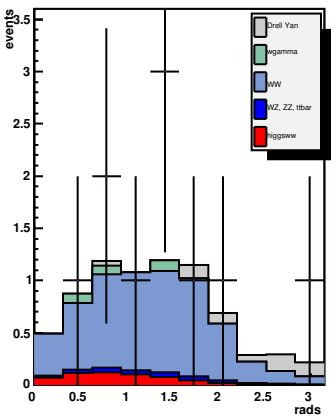


SBHs-lepton angular separation of electrons

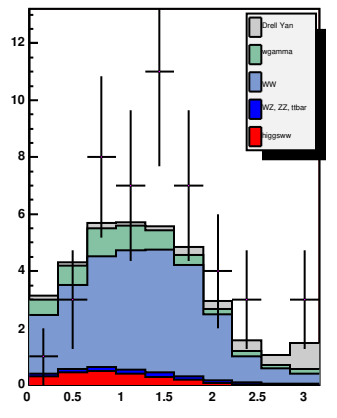




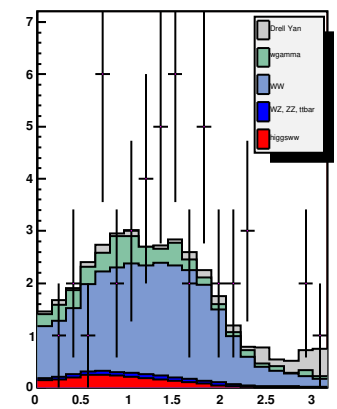
SBHs-lepton angular separation of muons



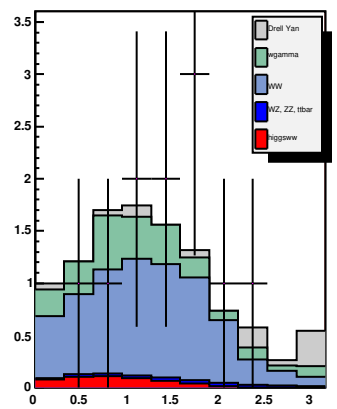
SBHs-dildphi in ALL



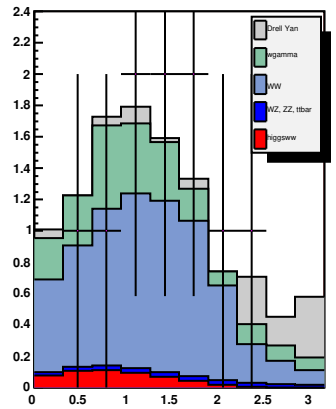
SBHs-dildphi in ALL



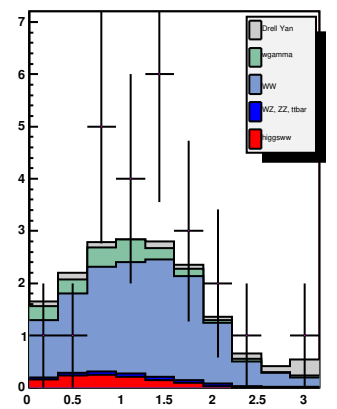
SBHs-dphi of electrons, high JES



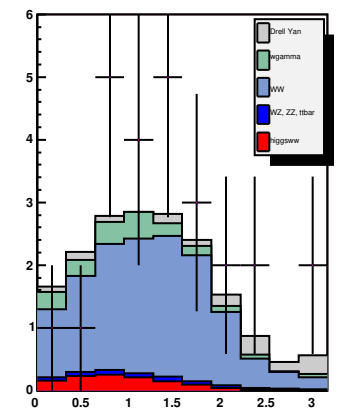
SBHs-dphi of electrons, low JES



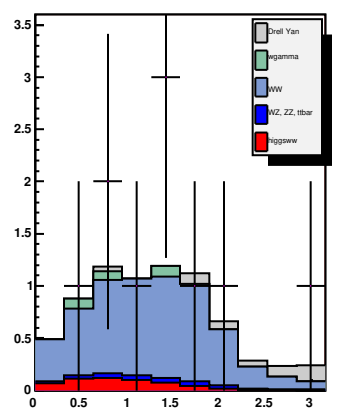
SBHs-dphi of electron and muon, high JES



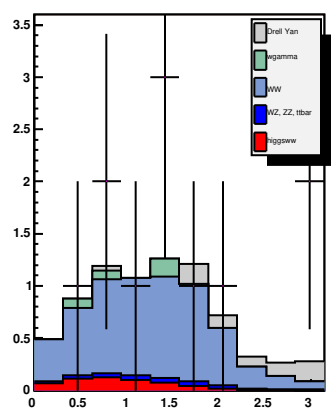
SBHs-dphi of electron and muon, low JES



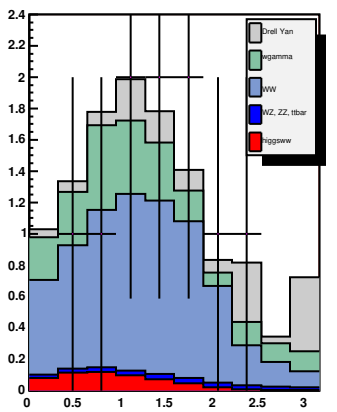
SBHs-dphi of muons, high JES



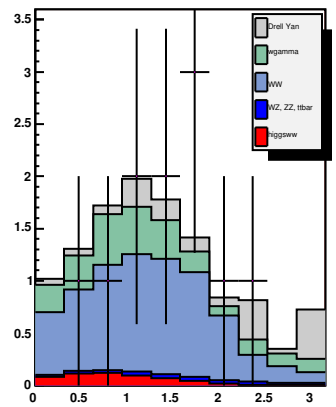
SBHs-dphi of muons, low JES



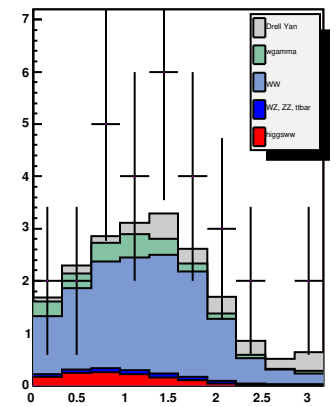
SBHs-dphi of electrons, high LES



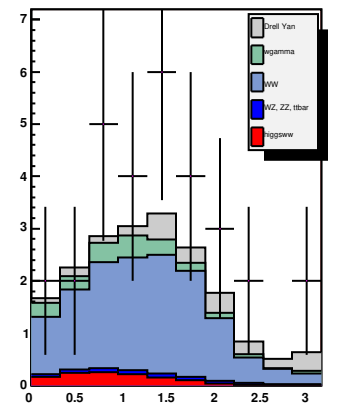
SBHs-dphi of electrons, low LES



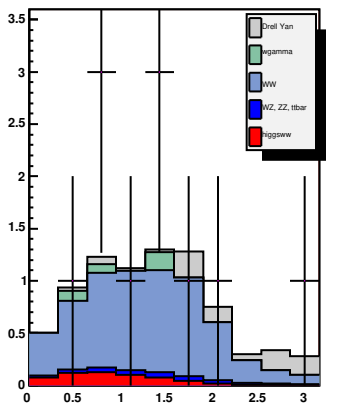
SBHs-dphi of electron and muon, high LES



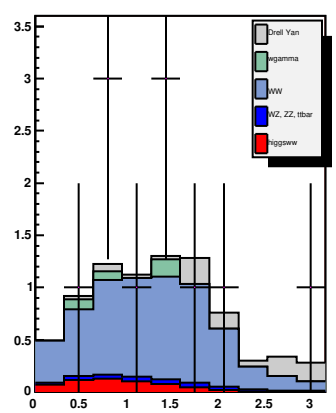
SBHs-dphi of electron and muon, low LES



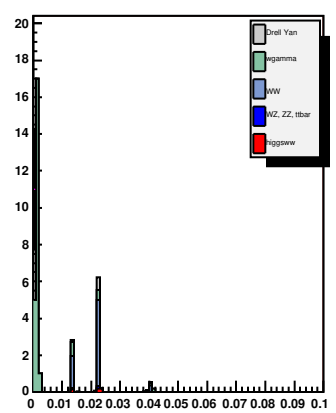
SBHs-dphi of muons, high LES



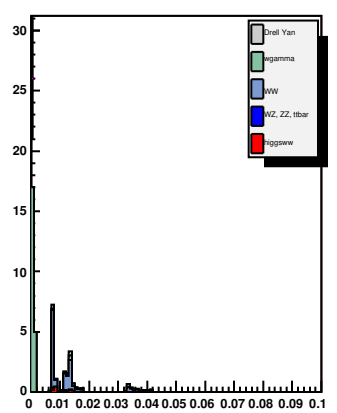
SBHs-dphi of muons, low LES



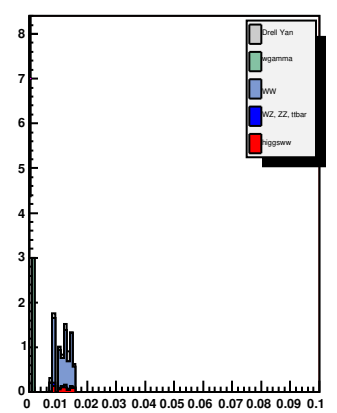
SBHs-Relative Weights Error for electrons



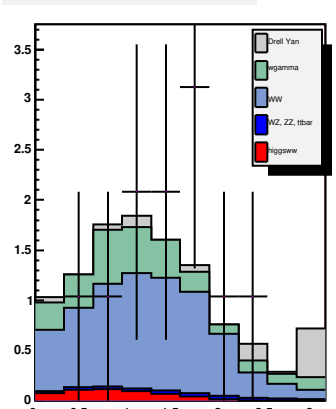
SBHs-Relative Weights Error for electron and muon



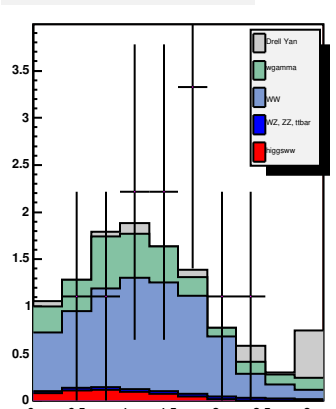
SBHs-Relative Weights Error for muons



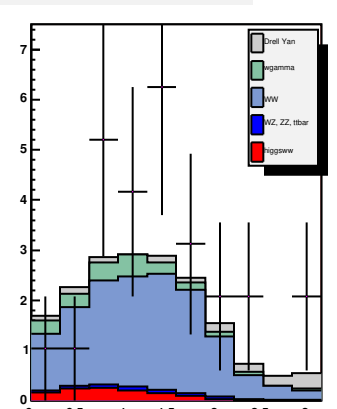
SBHs-dphi of electrons, high ISR



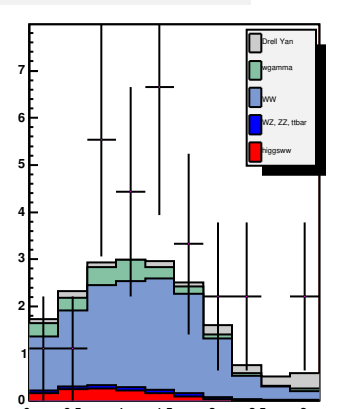
SBHs-dphi of electrons, low ISR



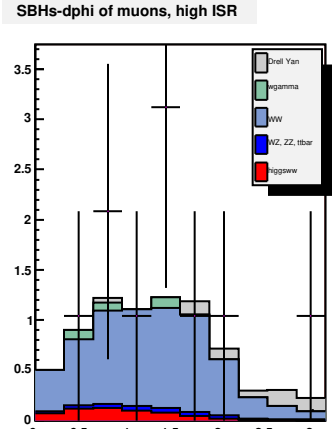
SBHs-dphi of electron and muon, high ISR



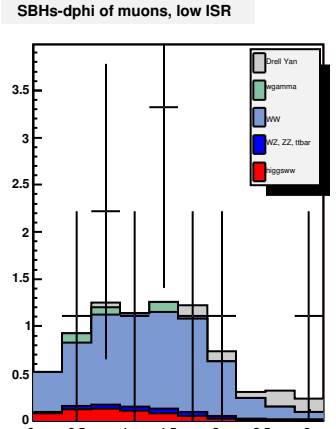
SBHs-dphi of electron and muon, low ISR



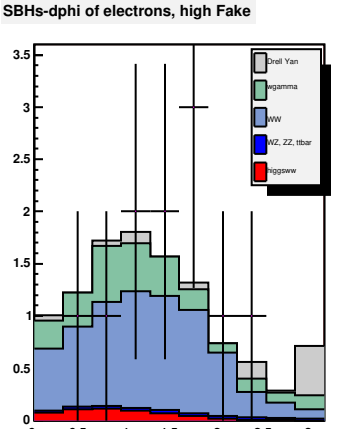
SBHs-dphi of muons, high ISR



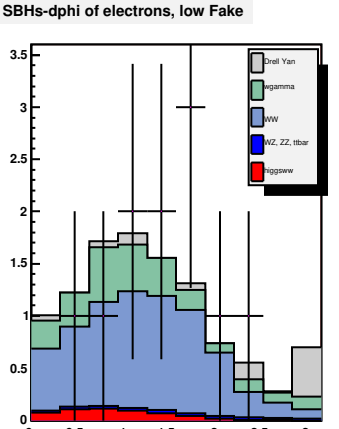
SBHs-dphi of muons, low ISR



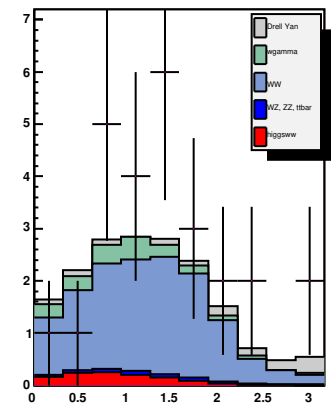
SBHs-dphi of electrons, high Fake



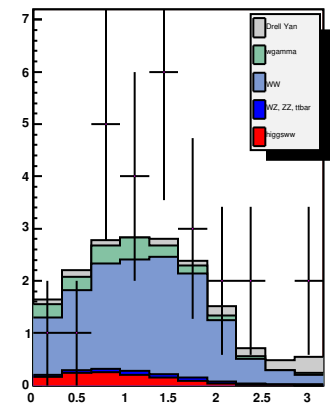
SBHs-dphi of electrons, low Fake



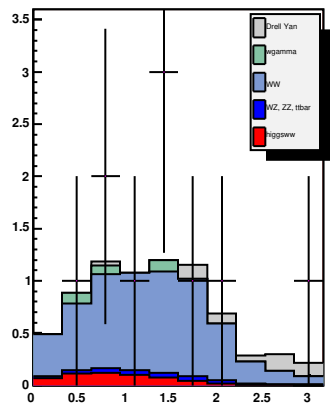
SBHs-dphi of electron and muon, high Fake



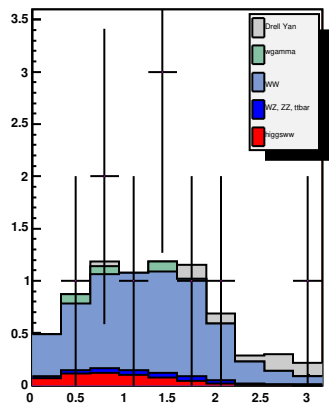
SBHs-dphi of electron and muon, low Fake



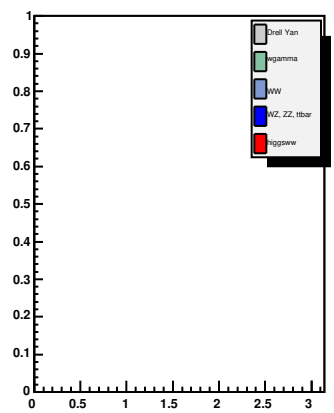
SBHs-dphi of muons, high Fake



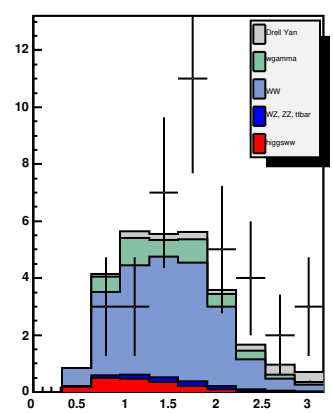
SBHs-dphi of muons, low Fake



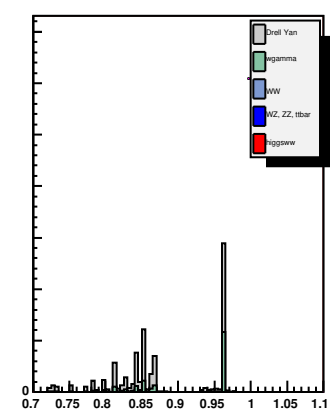
SBHs-dphi from TMVA selection



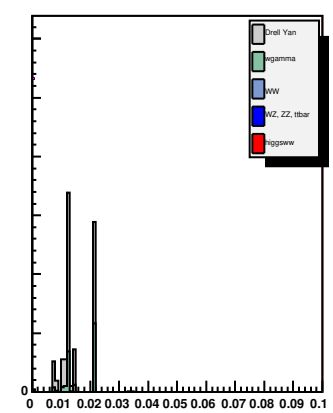
SBHs-dilepton dR



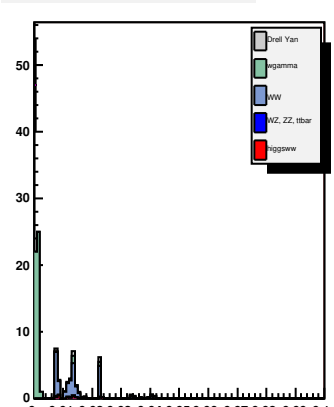
SBHs-Weight forALL



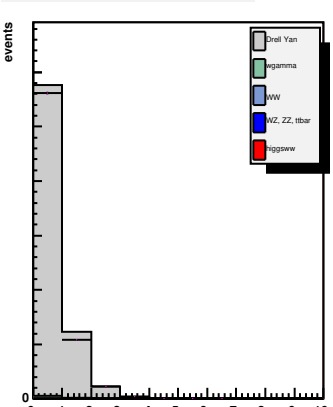
SBHs-Weight Error for ALL



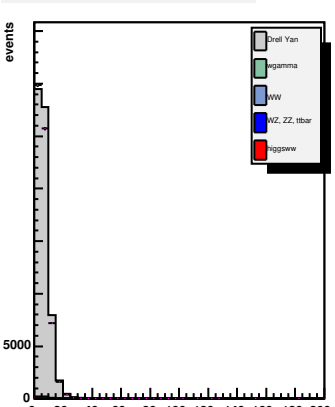
SBHs-Relative Weight Error for ALL



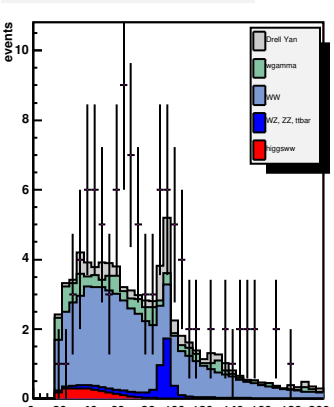
SBHs-Number of Jets in before Jet cut



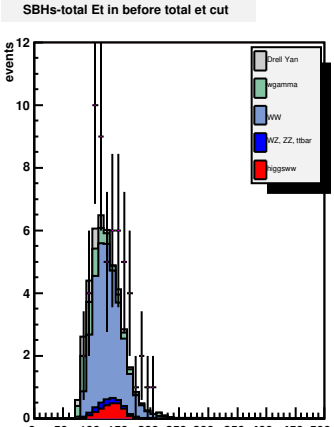
SBHs-Missing Et before missing et cut



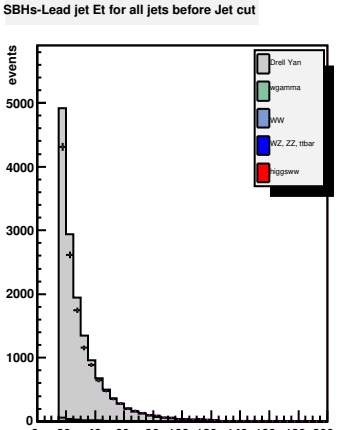
SBHs-dilepton mass before dilepton mass cut



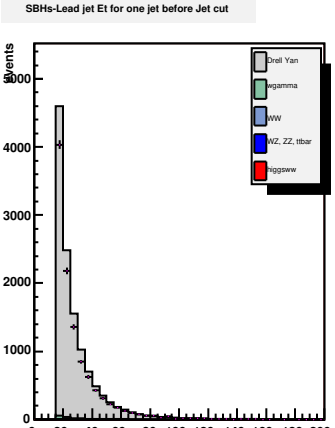
SBHs-total Et in before total et cut



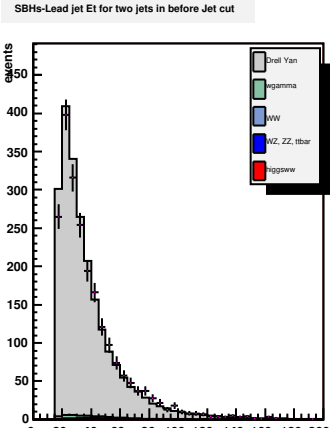
SBHs-Lead jet Et for all jets before Jet cut



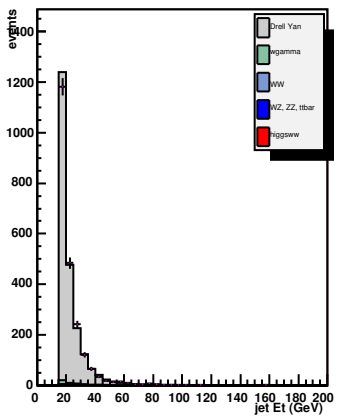
SBHs-Lead jet Et for one jet before Jet cut



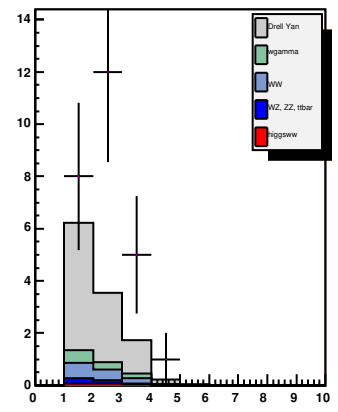
SBHs-Lead jet Et for two jets in before Jet cut



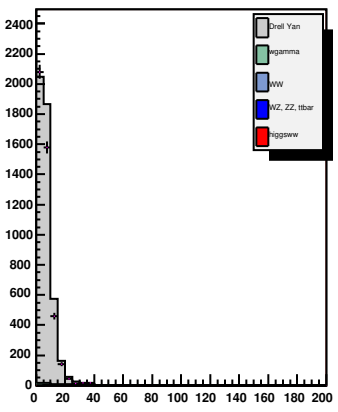
SBHs-Second jet Et for two jets before Jet cut



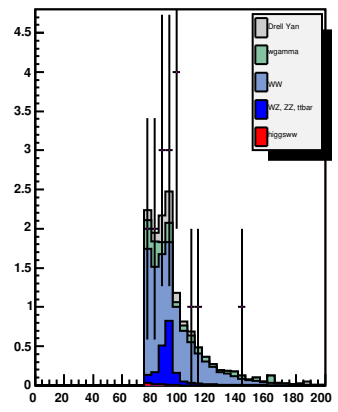
SBHs-Number of Jets inALL in Nm1 Jet cut



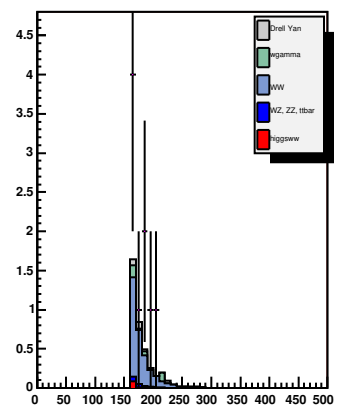
SBHs-Missing Et inALL in Nm1 missing et cut



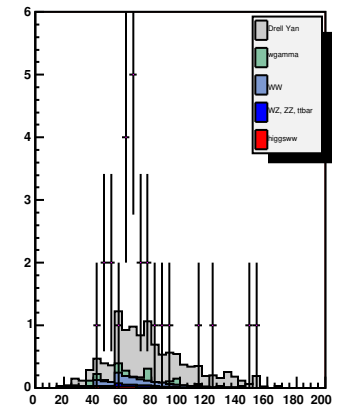
SBHs-dil mass inALL in Nm1 dil mass max cut



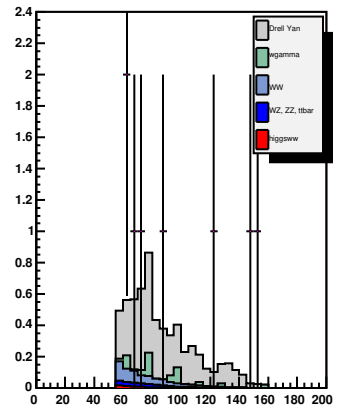
SBHs-total et inALL in Nm1 total et cut



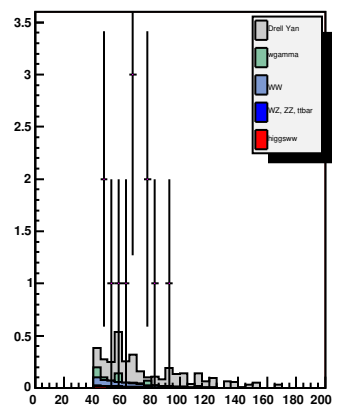
SBHs-Lead jet Et for all jets inALL in Nm1 Jet cut



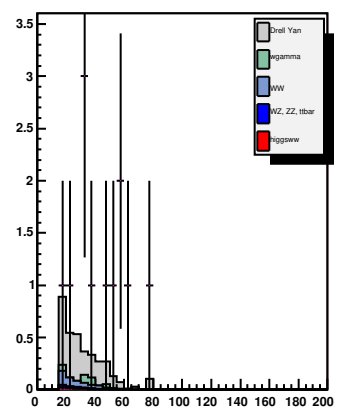
SBHs-Lead jet Et for one jet in ALL in Nm1 Jet cut



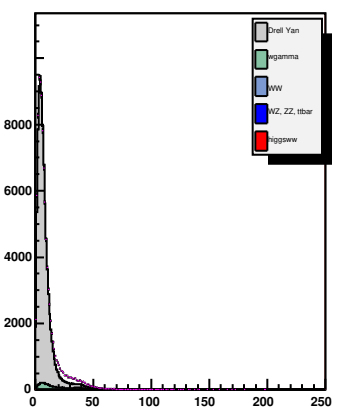
SBHs-Lead jet Et for two jets in ALL in Nm1 Jet cut



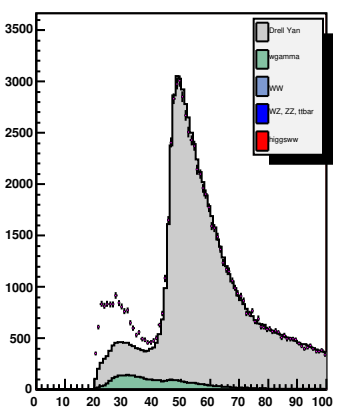
SBHs-Second jet Et for two jets in ALL in Nm1 Jet cut



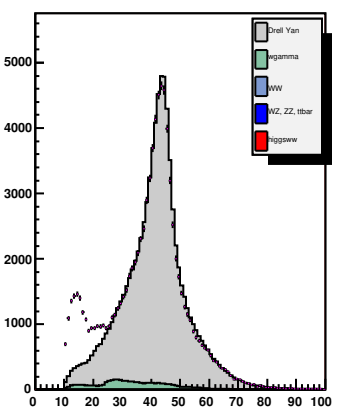
SBHs-Missing Et



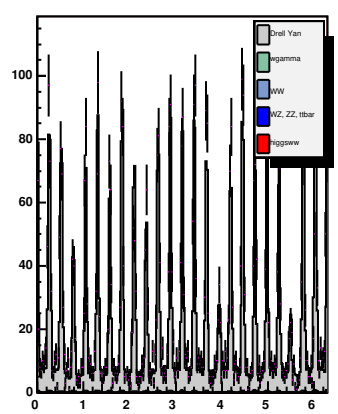
SBHs-highest lepton Et in ALL



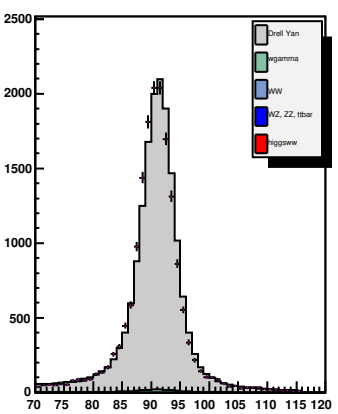
SBHs-secondhighest lepton Et in ALL



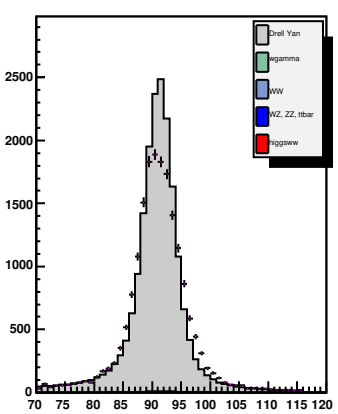
SBHs-CMP Phi in ALL



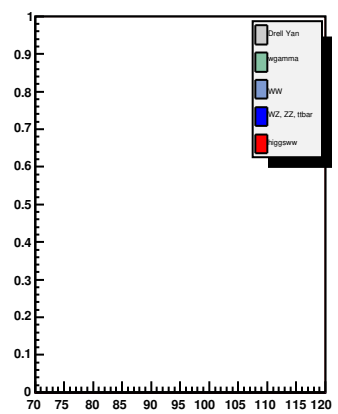
SBHs-TCE_TCE Mass



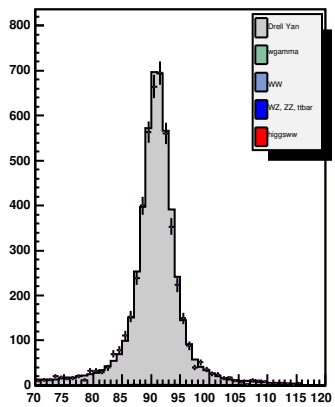
SBHs-TCE_PHX Mass



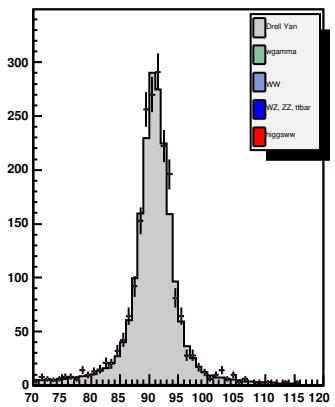
SBHs-PHX_PHX Mass



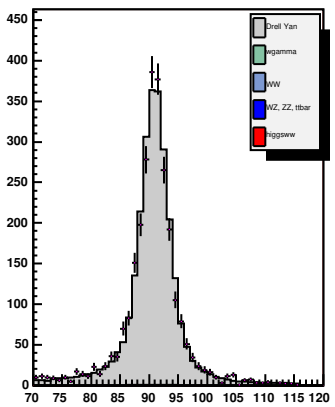
SBHs-CMUP_CMUP Mass



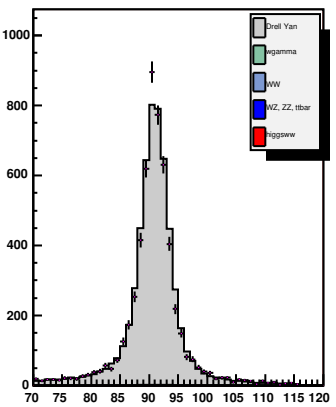
SBHs-CMUP_CMU Mass



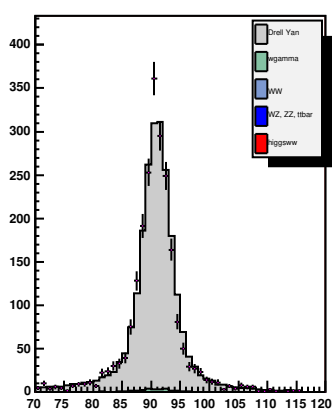
SBHs-CMUP_CMP Mass



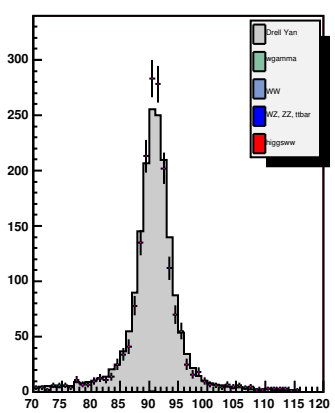
SBHs-CMUP_CMX Mass



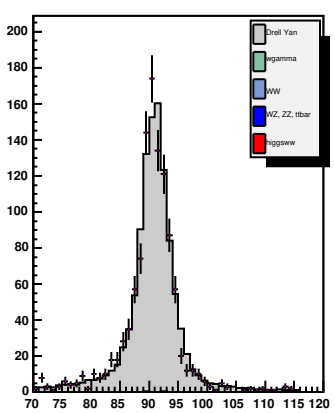
SBHs-CMUP_CMIO Mass



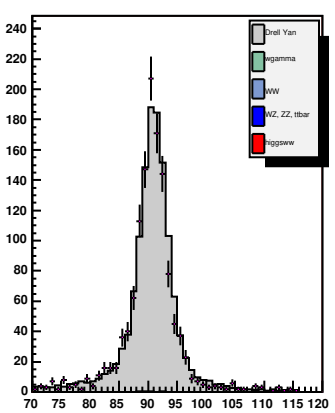
SBHs-CMX_CMX Mass



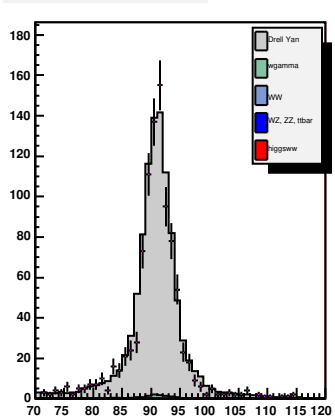
SBHs-CMX_CMU Mass



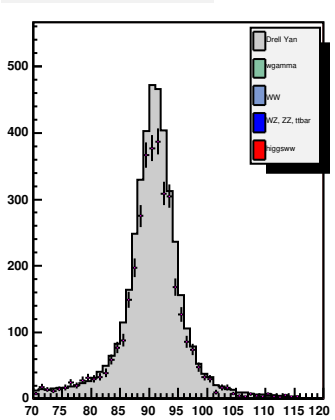
SBHs-CMX_CMP Mass



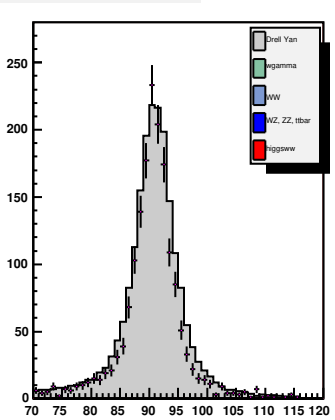
SBHs-CMX_CMIO Mass



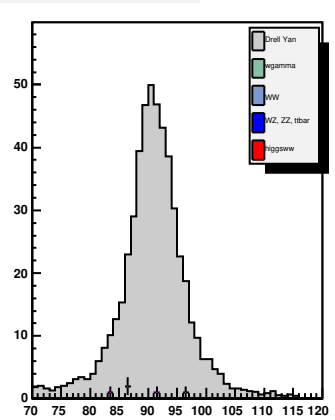
SBHs-CMUP_BMU Mass



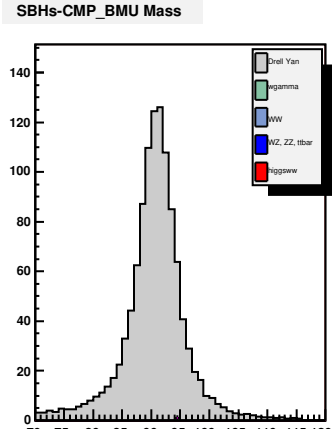
SBHs-CMX_BMU Mass



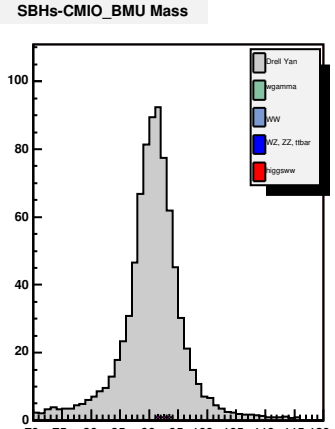
SBHs-BMU_BMU Mass



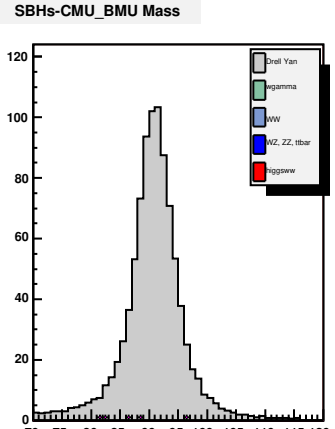
SBHs-CMP_BMU Mass



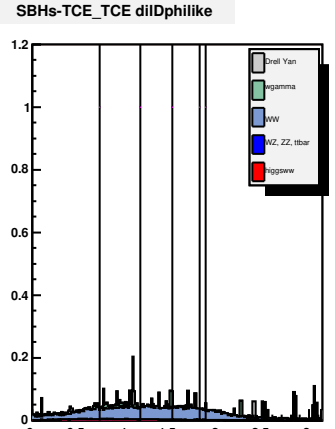
SBHs-CMIO_BMU Mass



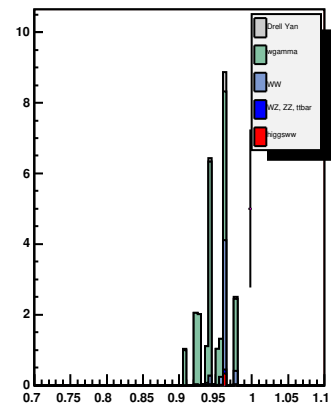
SBHs-CMU_BMU Mass



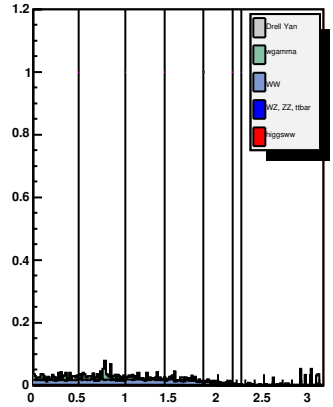
SBHs-TCE_TCE dilDphilike



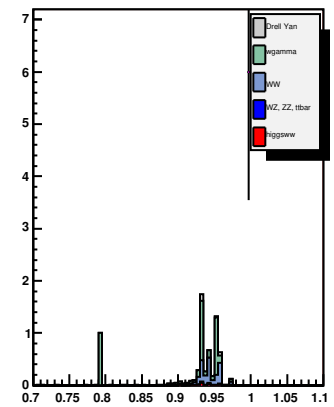
SBHs-TCE_TCE rawweight



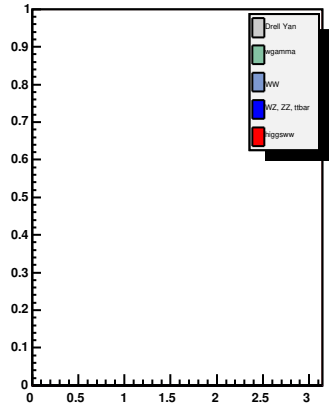
SBHs-TCE_PHX dilDphilike



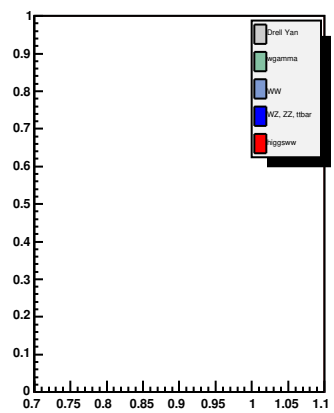
SBHs-TCE_PHX rawweight



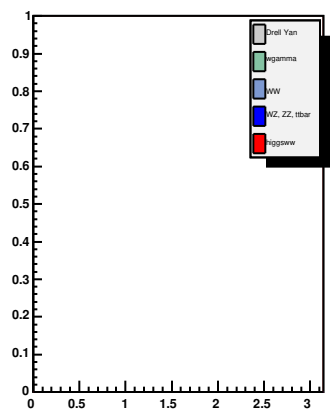
SBHs-TCE_PEM dilDphilike



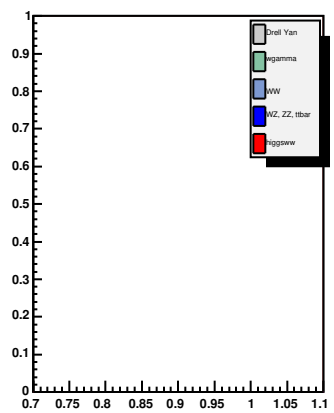
SBHs-TCE_PEM rawweight



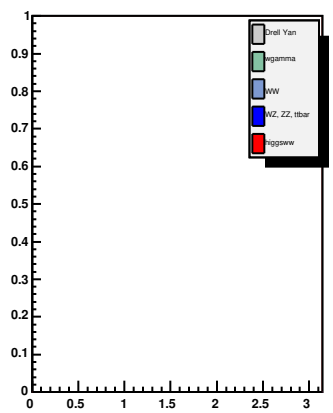
SBHs-PHX_PHX dilDphilike



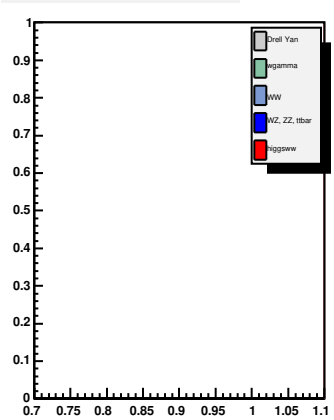
SBHs-PHX_PHX rawweight



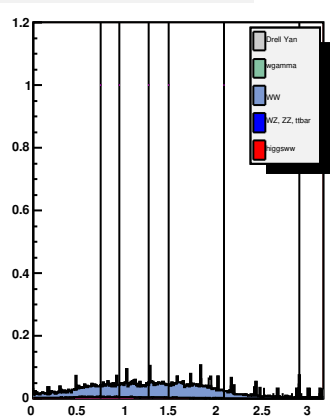
SBHs-PHX_PEM dilDphilike



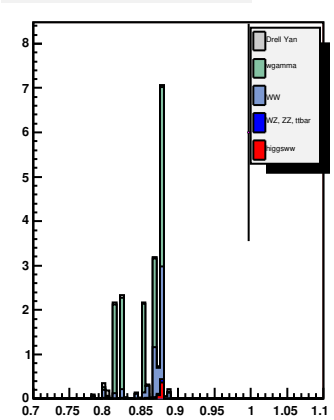
SBHs-PHX_PEM rawweight



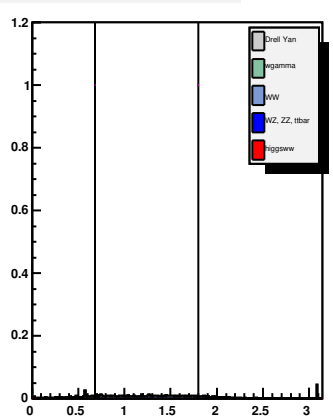
SBHs-TCE_CMUP dilDphilike



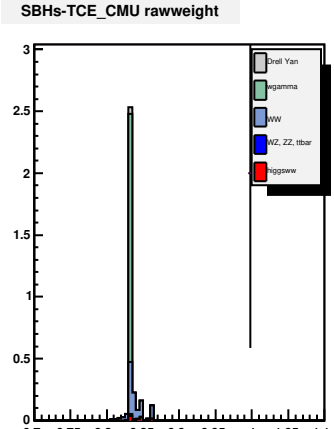
SBHs-TCE_CMUP rawweight



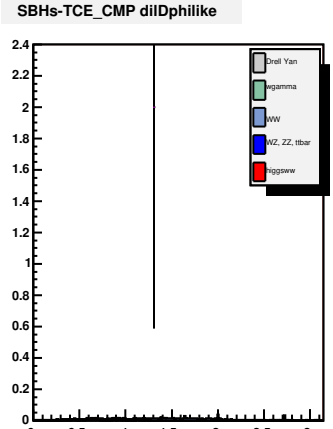
SBHs-TCE_CMU dilDphilike



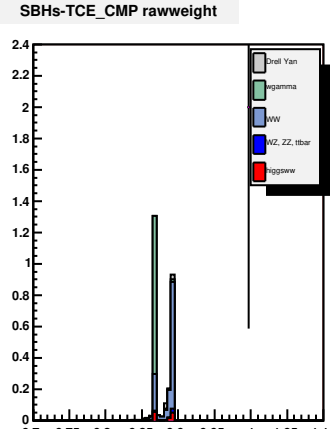
SBHs-TCE_CMU rawweight



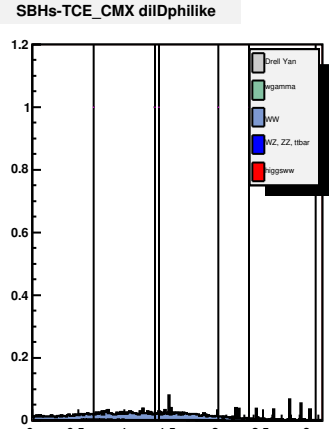
SBHs-TCE_CMP dilDphilike



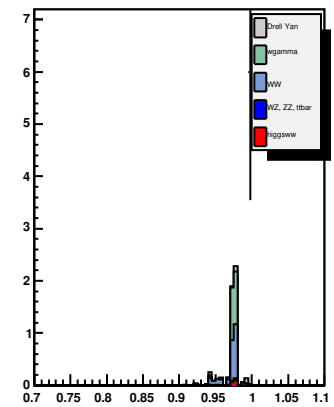
SBHs-TCE_CMP rawweight



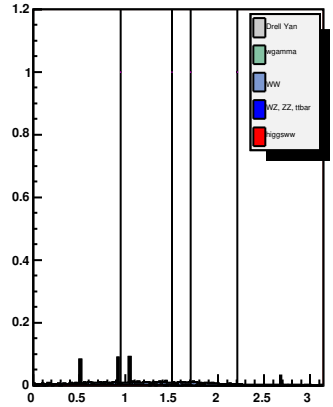
SBHs-TCE_CMX dilDphilike



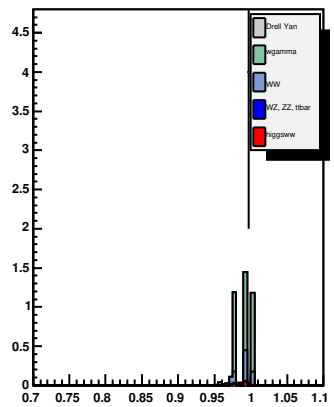
SBHs-TCE_CMX rawweight



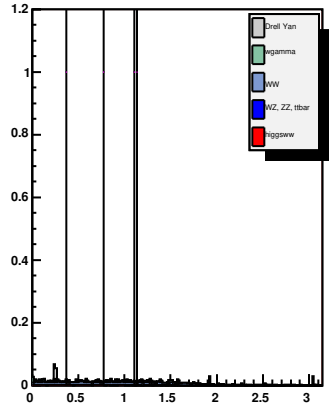
SBHs-TCE_CMIO dilDphilike



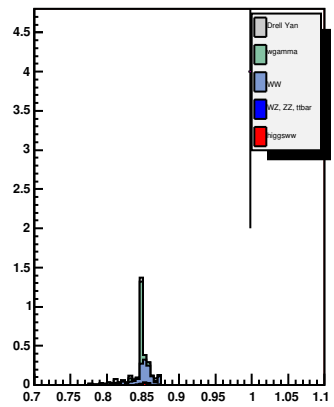
SBHs-TCE_CMIO rawweight



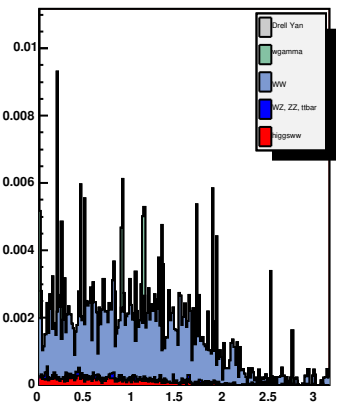
SBHs-PHX_CMUP dilDphilike



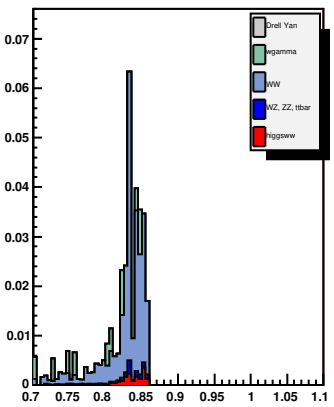
SBHs-PHX_CMUP rawweight



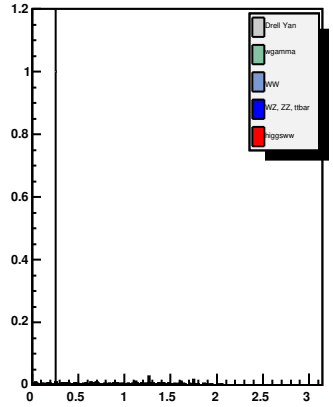
SBHs-PHX_CMU dilDphilike



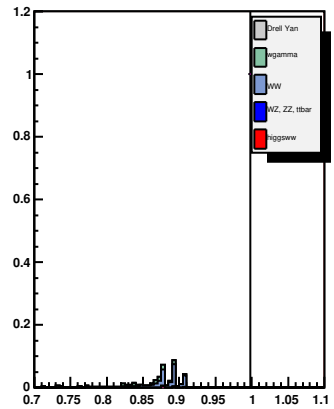
SBHs-PHX_CMU rawweight



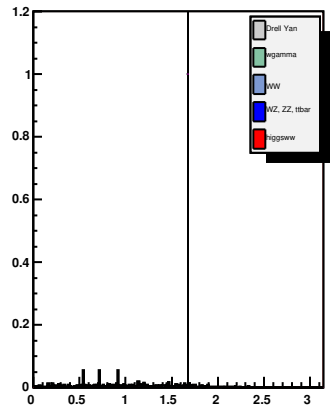
SBHs-PHX_CMP dilDphilike



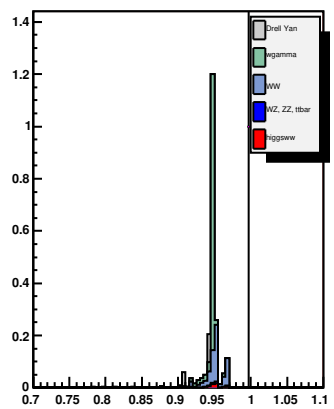
SBHs-PHX_CMP rawweight



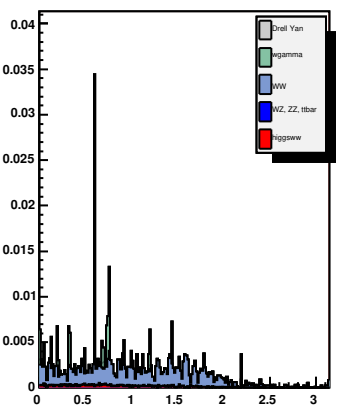
SBHs-PHX_CMX dilDphilike



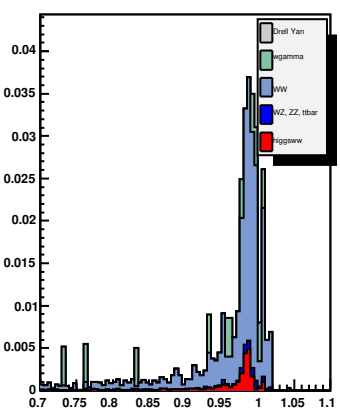
SBHs-PHX_CMX rawweight



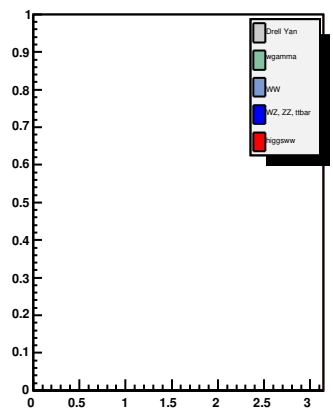
SBHs-PHX_CMIO dilDphilike



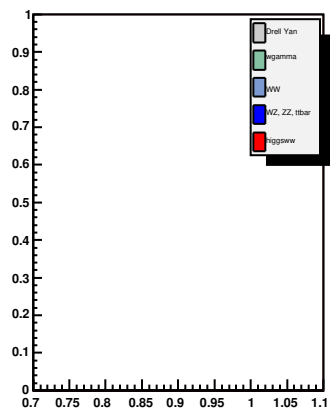
SBHs-PHX_CMIO rawweight



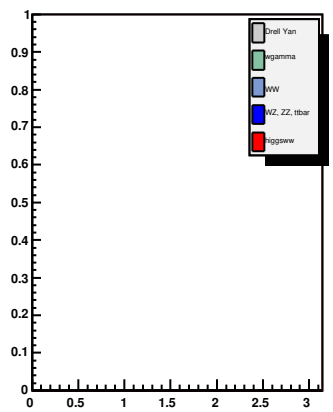
SBHs-PEM_CMUP dilDphilike



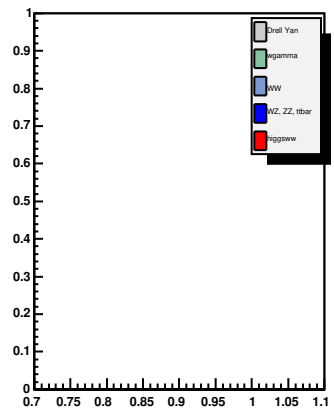
SBHs-PEM_CMUP rawweight



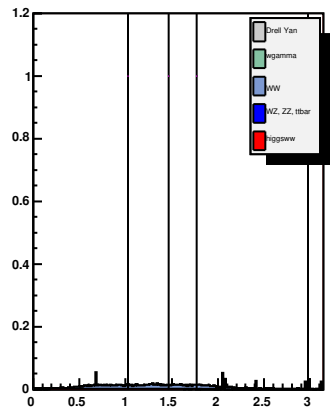
SBHs-PEM_CMX dilDphilike



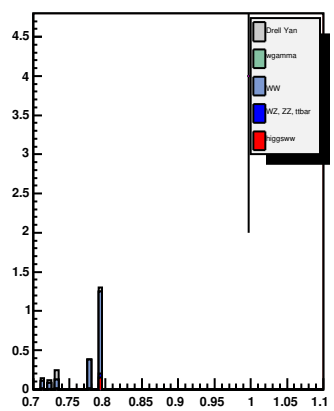
SBHs-PEM_CMX rawweight



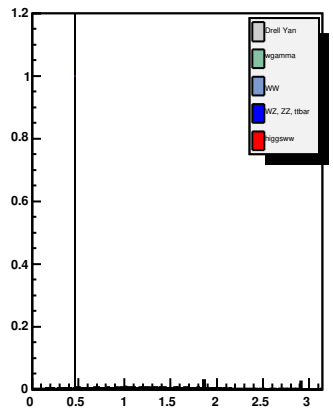
SBHs-CMUP_CMUP dilDphilike



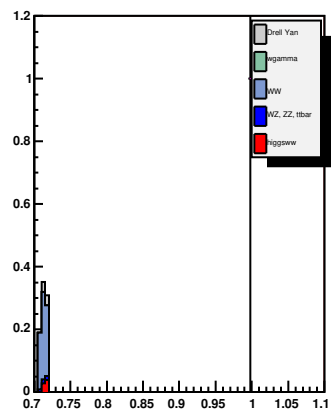
SBHs-CMUP_CMUP rawweight



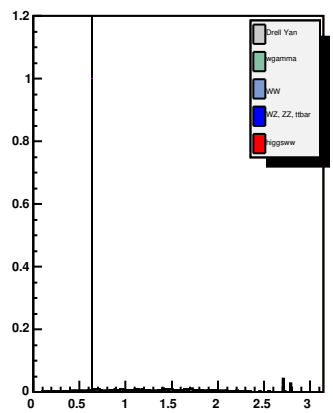
SBHs-CMUP_CMU dilDphilike



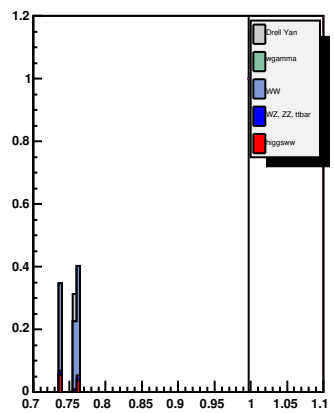
SBHs-CMUP_CMU rawweight



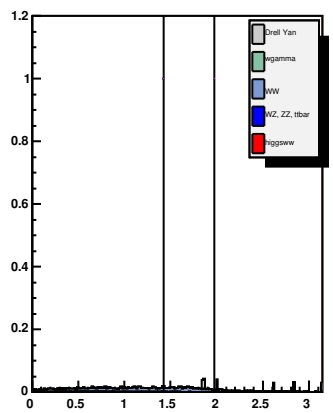
SBHs-CMUP_CMP dilDphilike



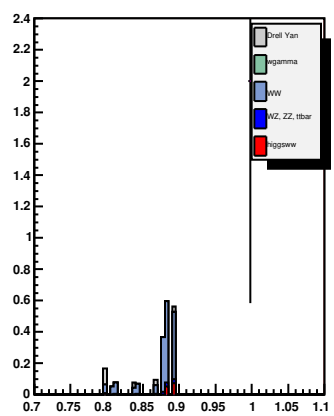
SBHs-CMUP_CMP rawweight



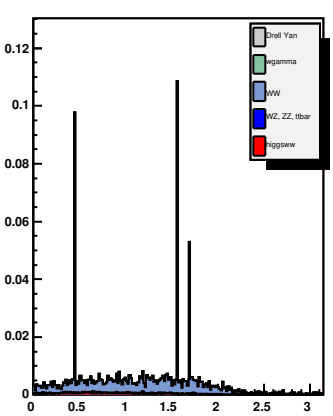
SBHs-CMUP_CMX dilDphilike



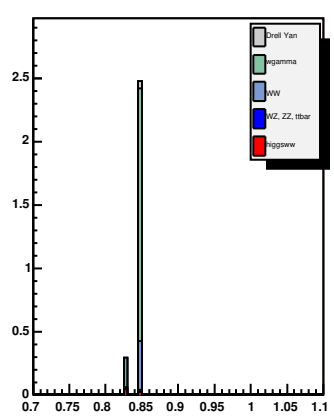
SBHs-CMUP_CMX rawweight



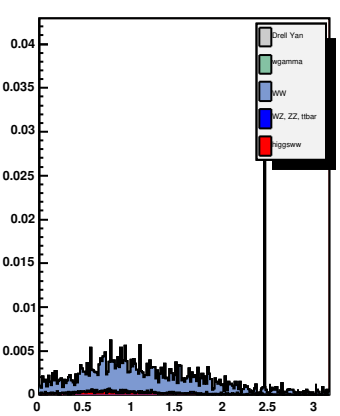
SBHs-CMUP_CMIO dilDphilike



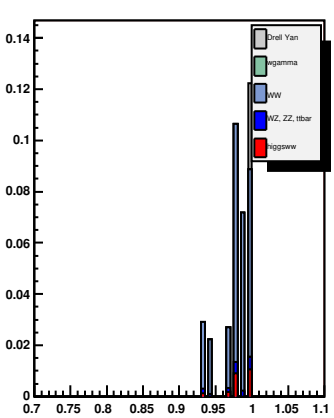
SBHs-CMUP_CMIO rawweight



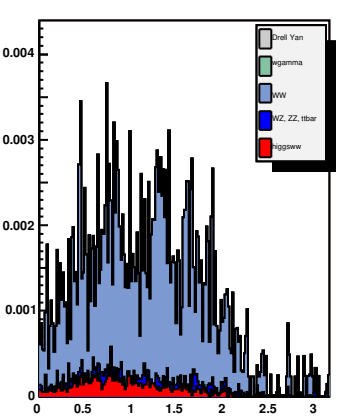
SBHs-CMX_CMX dilDphilike



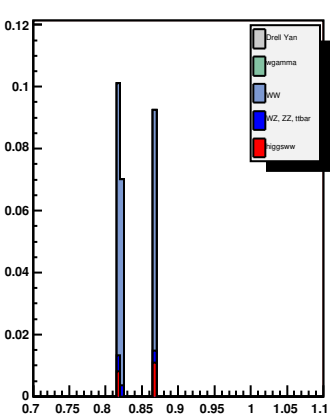
SBHs-CMX_CMX rawweight



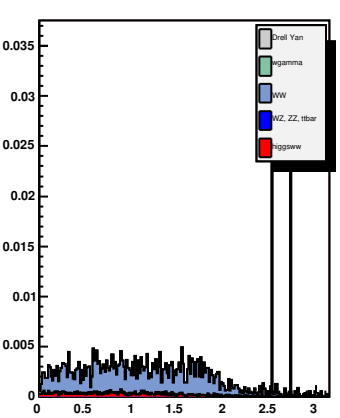
SBHs-CMX_CMU dilDphilike



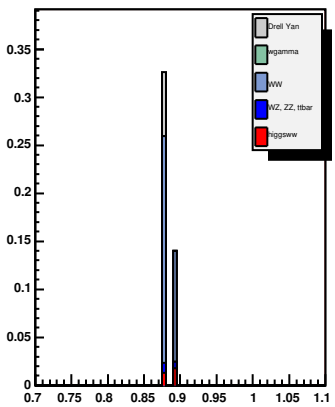
SBHs-CMX_CMU rawweight



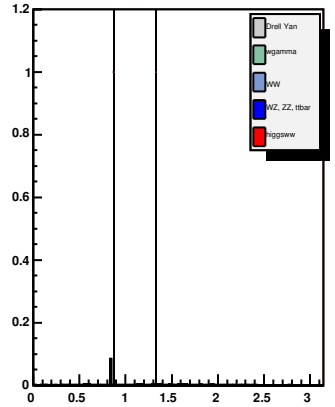
SBHs-CMX_CMP dilDphilike



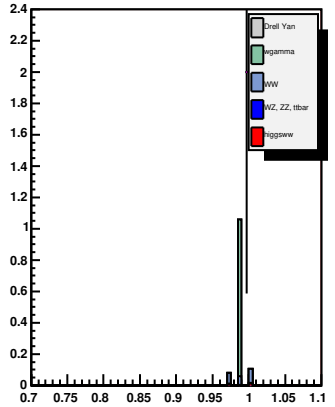
SBHs-CMX_CMP rawweight



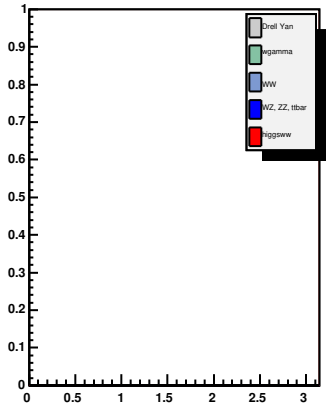
SBHs-CMX_CMIO dilDphilike



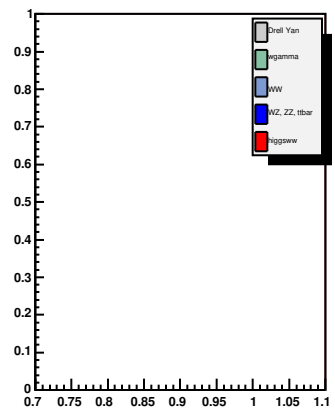
SBHs-CMX_CMIO rawweight



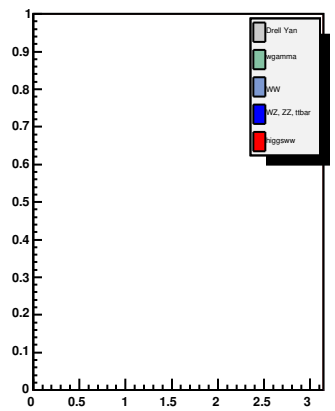
SBHs-trilep dilDphilike



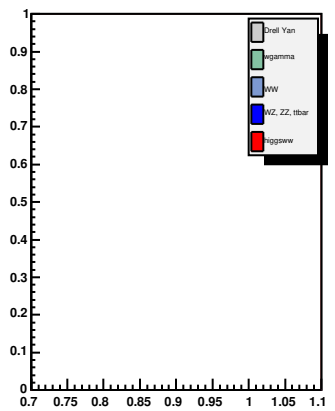
SBHs-trilep rawweight



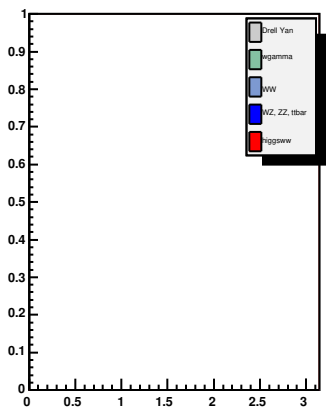
SBHs-TCE_BMU dilDphilike



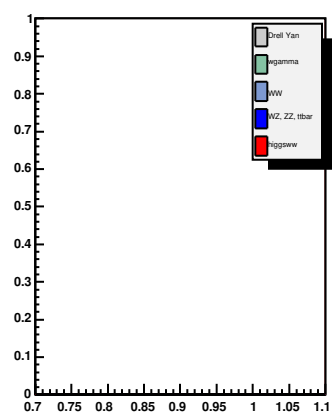
SBHs-TCE_BMU rawweight



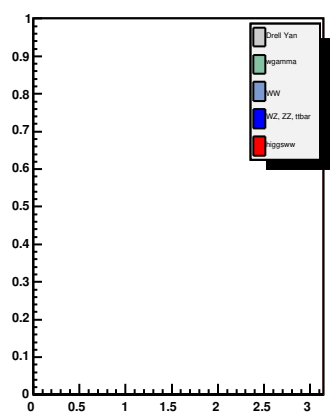
SBHs-PHX_BMU dilDphilike



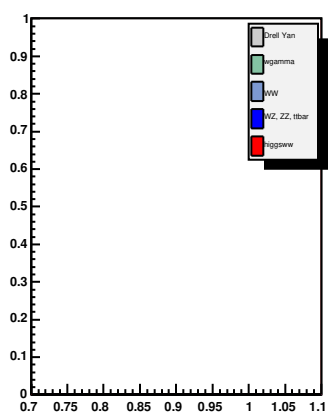
SBHs-PHX_BMU rawweight



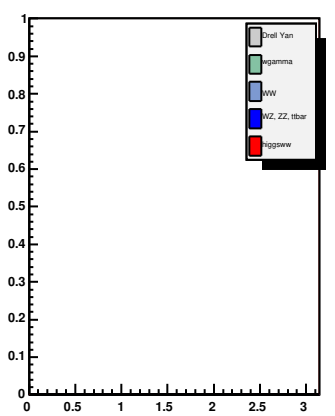
SBHs-PEM_BMU dilDphilike



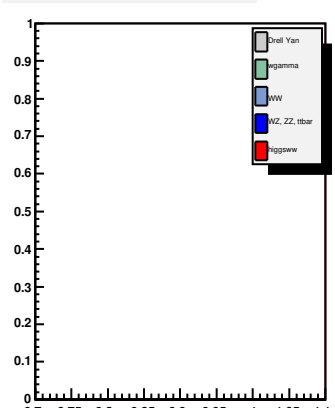
SBHs-PEM_BMU rawweight



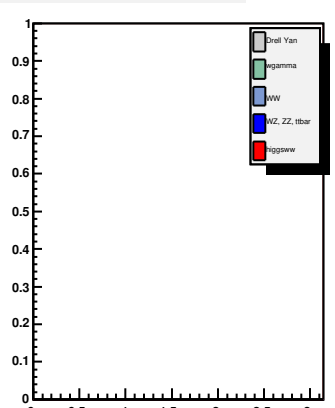
SBHs-CMUP_BMU dilDphilike



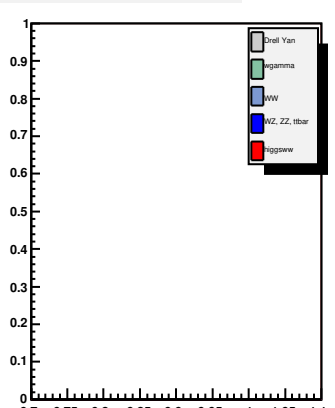
SBHs-CMUP_BMU rawweight



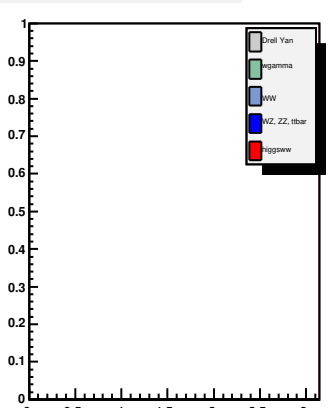
SBHs-CMX_BMU dilDphilike



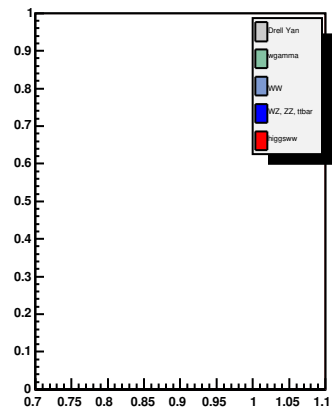
SBHs-CMX_BMU rawweight



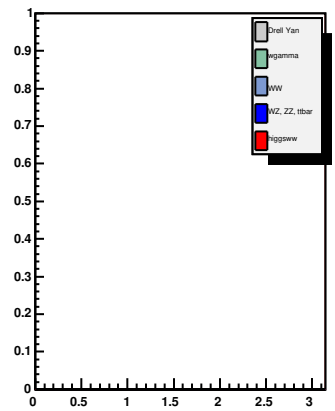
SBHs-BMU_BMU dilDphilike



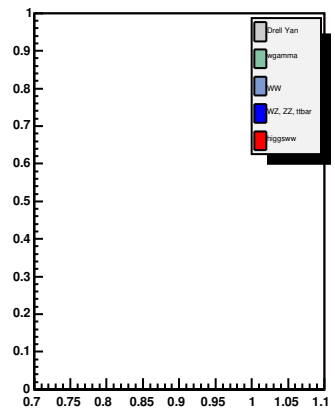
SBHs-BMU_BMU rawweight



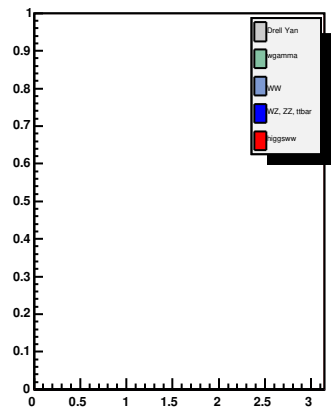
SBHs-BMU_CMU dilDphilike



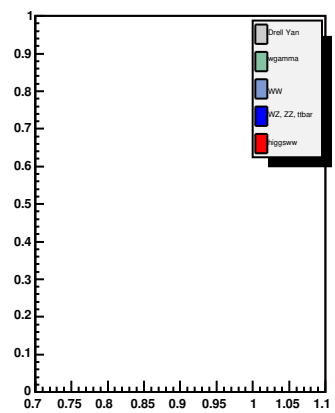
SBHs-BMU_CMU rawweight



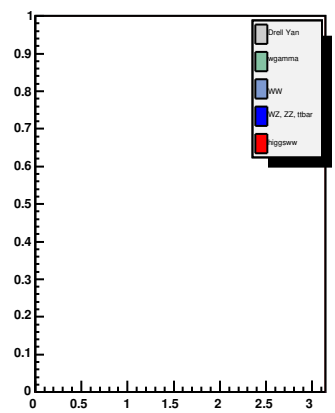
SBHs-BMU_CMP dilDphilike



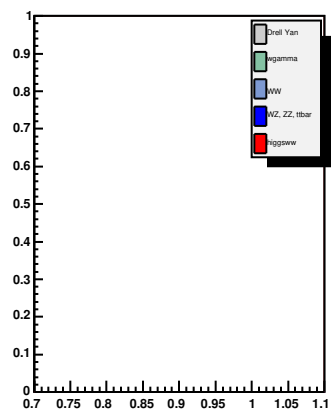
SBHs-BMU_CMP rawweight



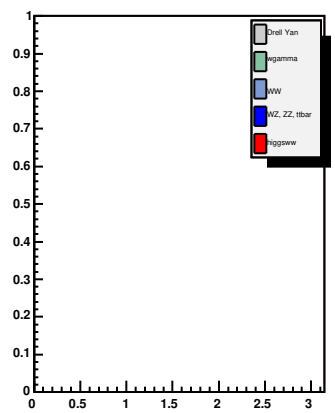
SBHs-BMU_CMIO dilDphilike



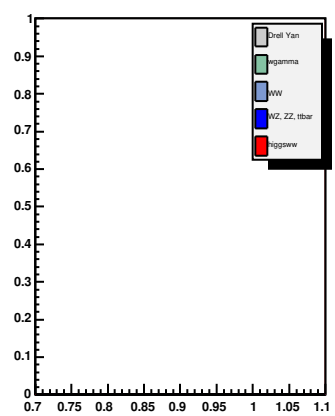
SBHs-BMU_CMIO rawweight



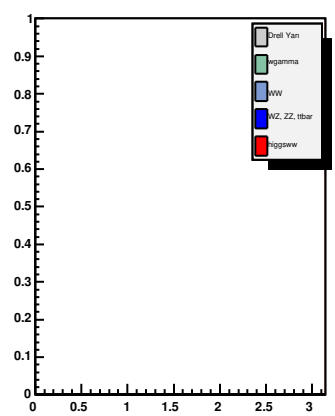
SBHs-TCE_SCMIO dilDphilike



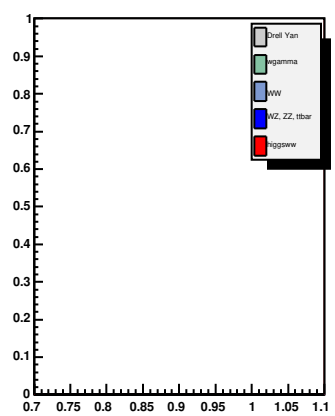
SBHs-TCE_SCMIO rawweight



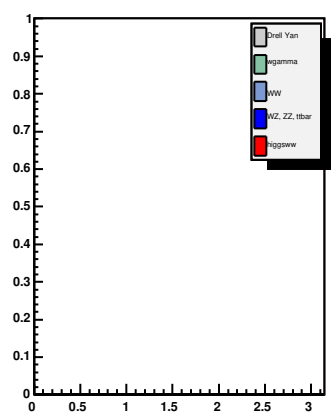
SBHs-PHX_SCMIO dilDphilike



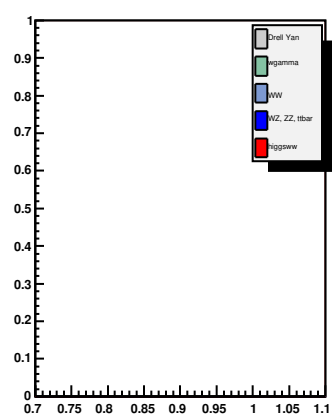
SBHs-PHX_SCMIO rawweight



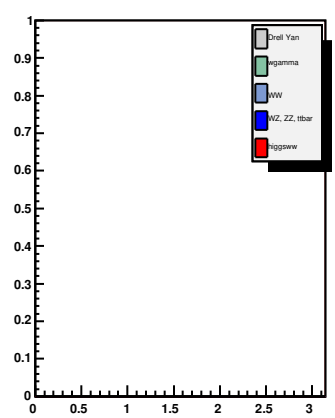
SBHs-CMUP_SCMIO dilDphilike



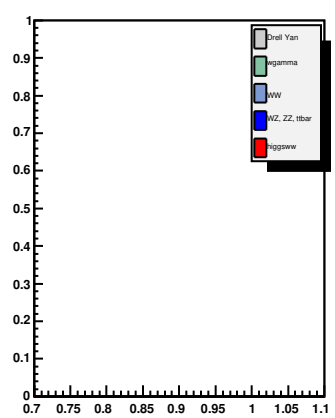
SBHs-CMUP_SCMIO rawweight



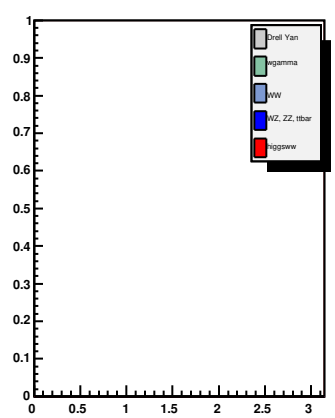
SBHs-CMX_SCMIO dilDphilike



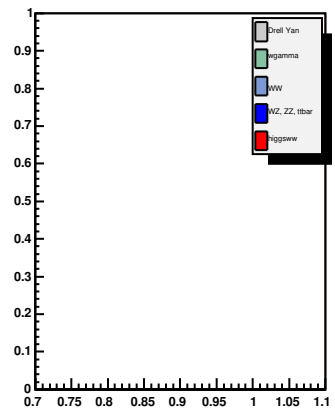
SBHs-CMX_SCMIO rawweight



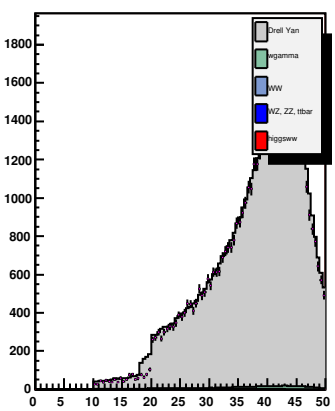
SBHs-BMU_SCMIO dilDphilike



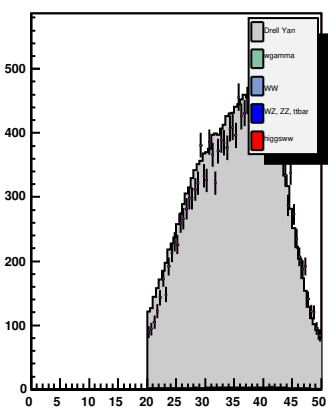
SBHs-BMU_SCMIO rawweight



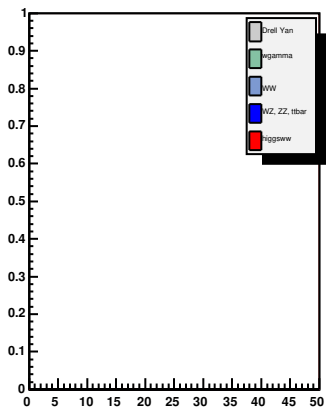
SBHs-TCE leptonET



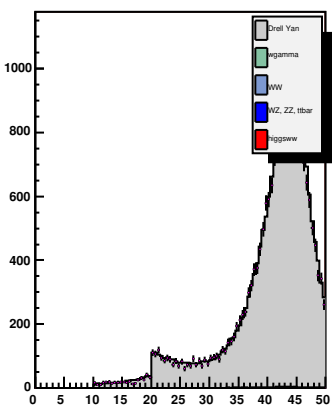
SBHs-PHX leptonET



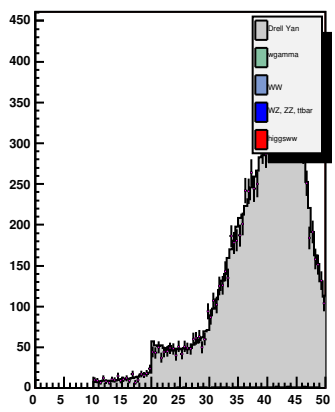
SBHs-PEM leptonET



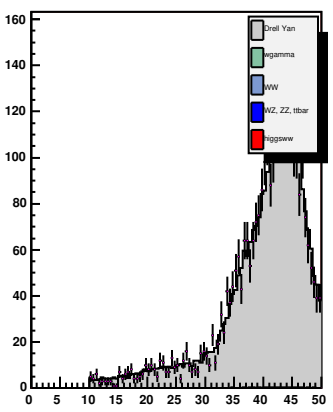
SBHs-CMUP leptonET



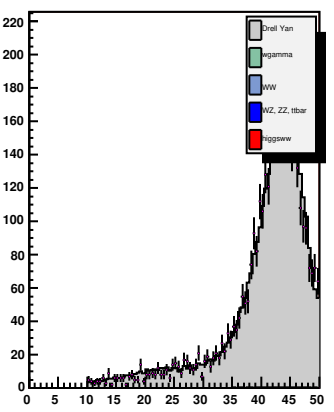
SBHs-CMX leptonET



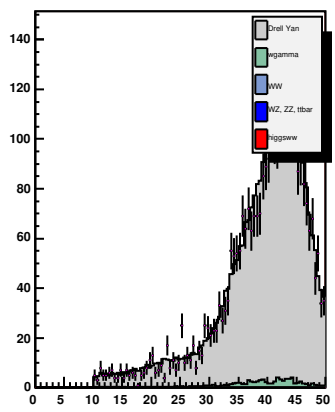
SBHs-CMU leptonET



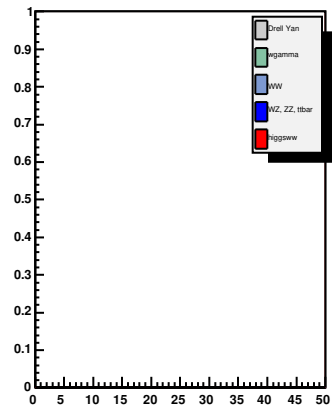
SBHs-CMP leptonET



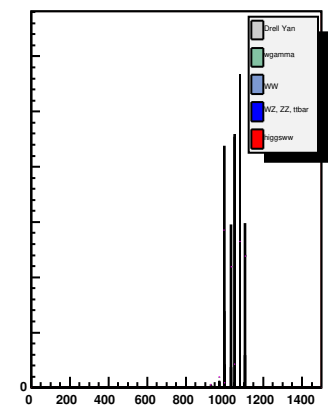
SBHs-CMIO leptonET



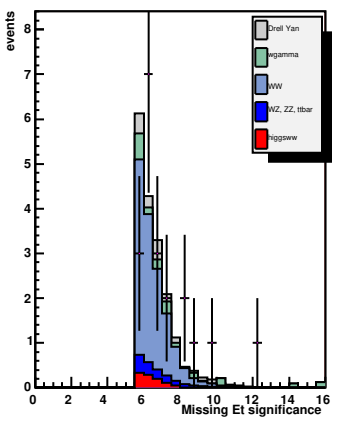
SBHs-BMU leptonET



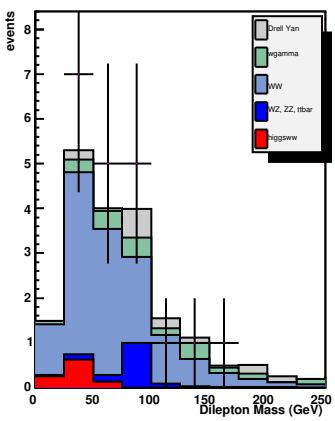
SBHs-luminosity



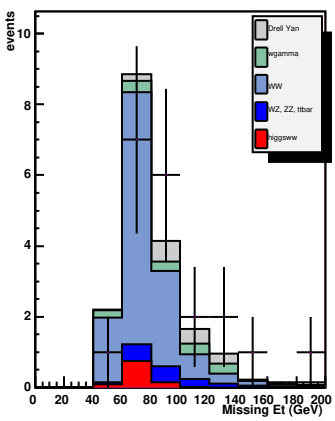
SBHs-WW missing Et significance



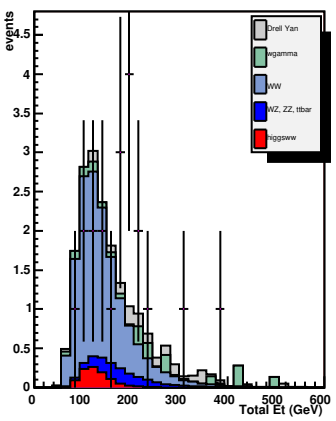
SBHs-WW dilepton mass



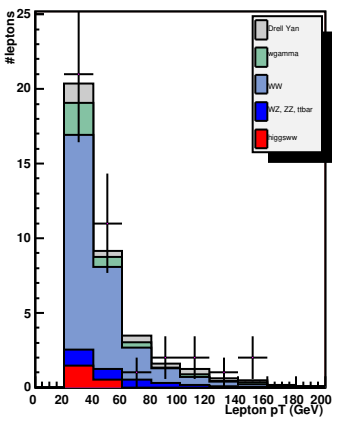
SBHs-WW missing Et



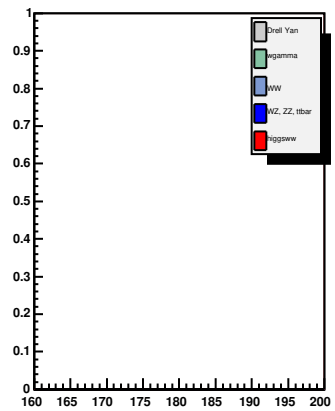
SBHs-WW total Et



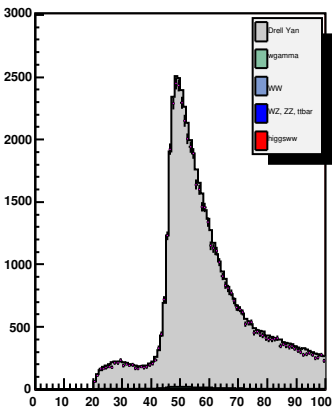
SBHs-WW lepton pT



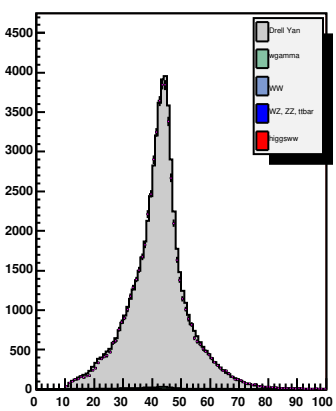
SBHs-mattest



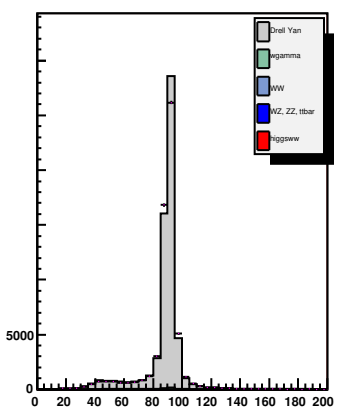
SBHs-NN Variable LepAEn



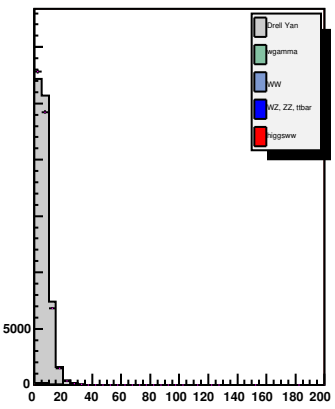
SBHs-NN Variable LepBEn



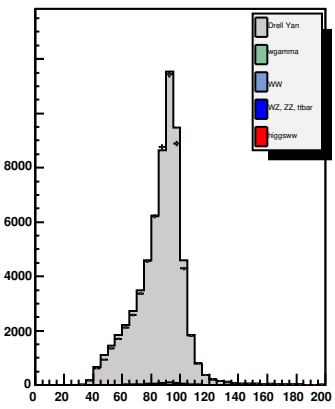
SBHs-NN Variable dilmass



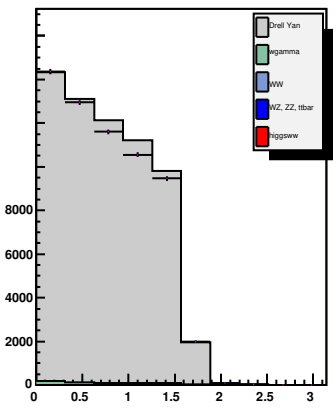
SBHs-NN Variable metmag



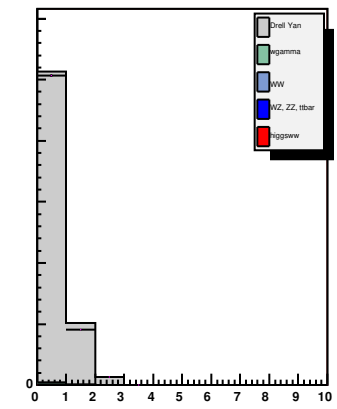
SBHs-NN Variable addEt



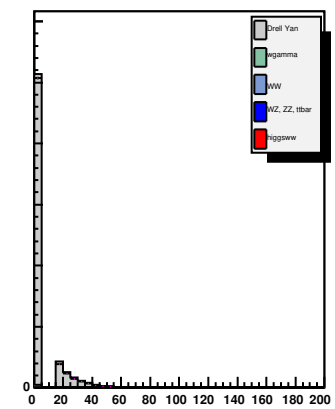
SBHs-NN Variable dPhiMetLJ



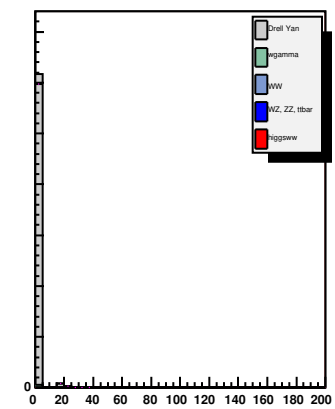
SBHs-NN Variable tightjets



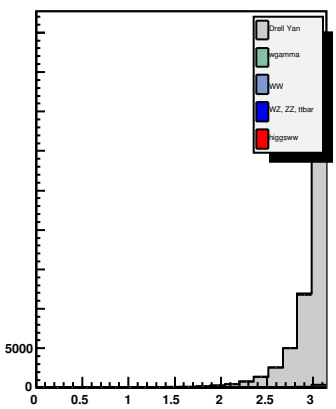
SBHs-NN Variable jet1_Et



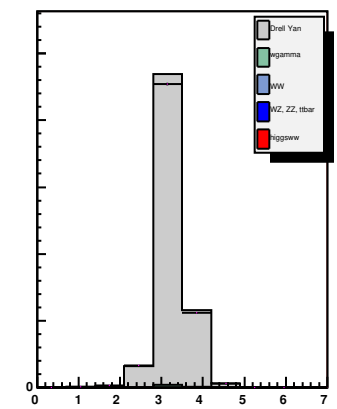
SBHs-NN Variable jet2_Et



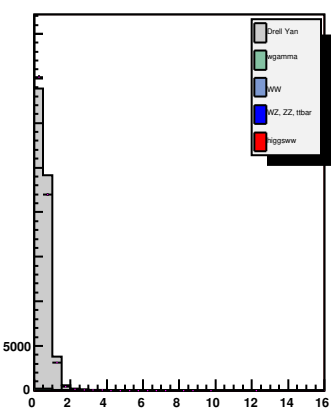
SBHs-NN Variable dildphi



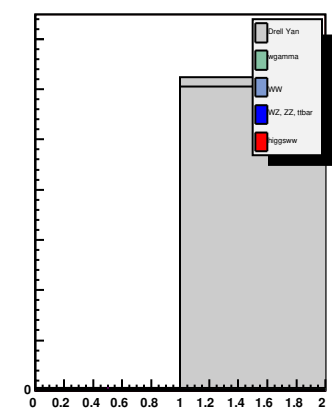
SBHs-NN Variable lepR



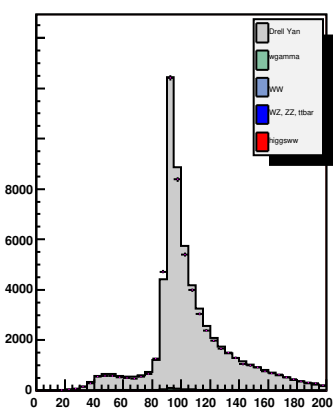
SBHs-NN Variable metsig



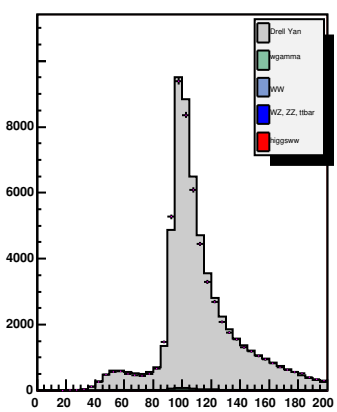
SBHs-NN Variable diltype



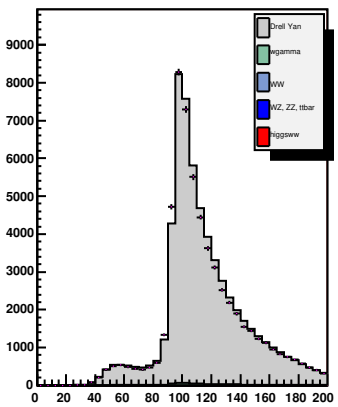
SBHs-NN Variable Mt_ll



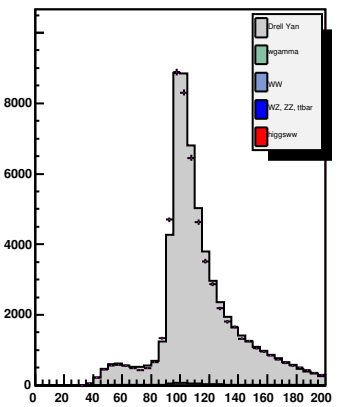
SBHs-NN Variable Mt_llMet



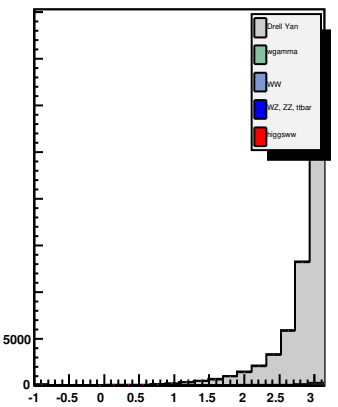
SBHs-NN Variable Mt_All



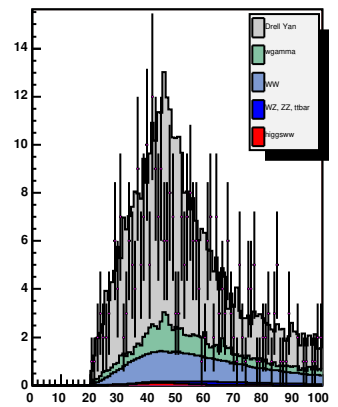
SBHs-NN Variable Isr



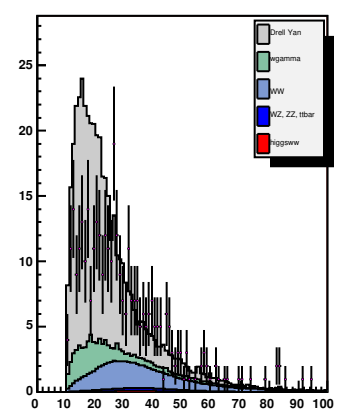
SBHs-NN Variable DilPhiICorr



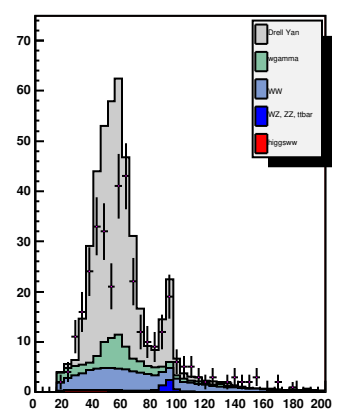
SBHs-NN Variable Metsig cut LepAEn



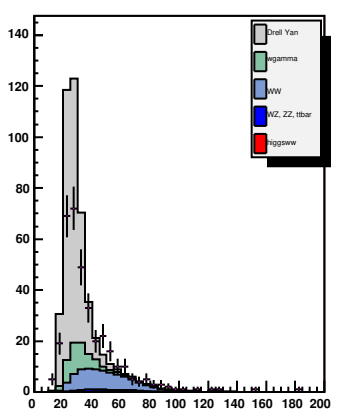
SBHs-NN Variable Metsig cut LepBEn



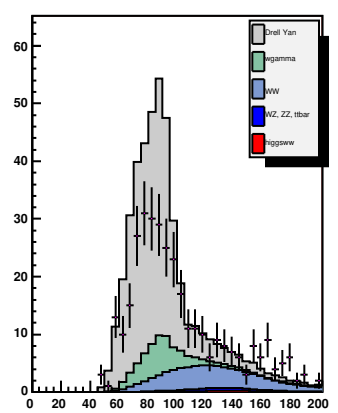
SBHs-NN Variable Metsig cut dilmass



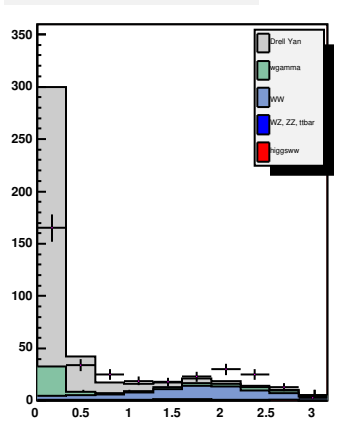
SBHs-NN Variable Metsig cut metmag



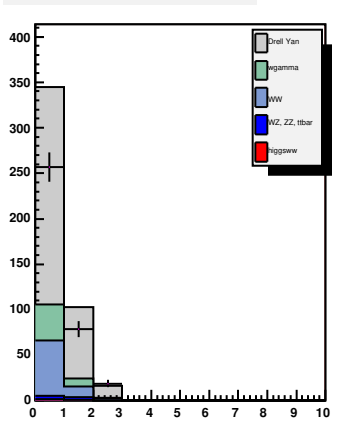
SBHs-NN Variable Metsig cut addEt



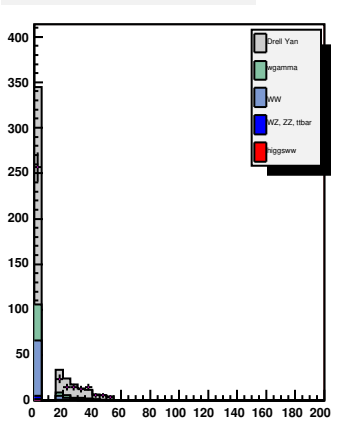
SBHs-NN Variable Metsig cut dPhiMetLJ



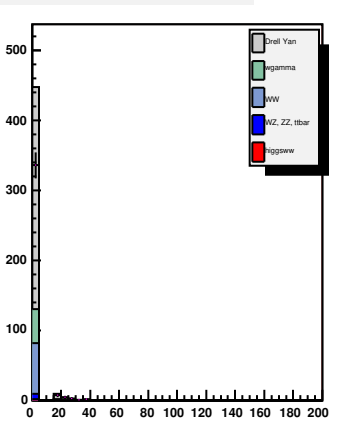
SBHs-NN Variable Metsig cut tightjets



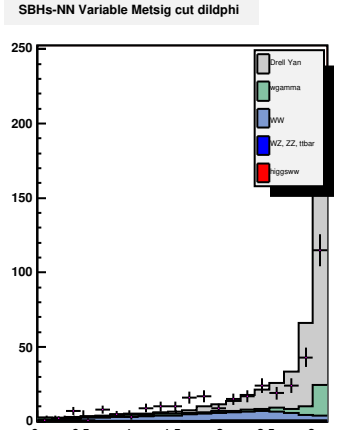
SBHs-NN Variable Metsig cut jet1_Et



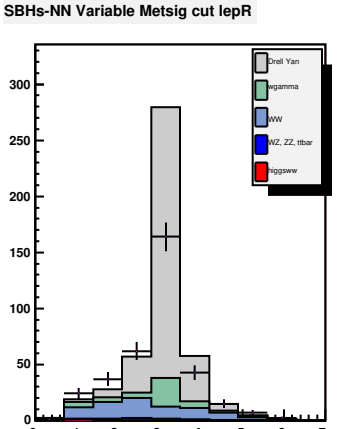
SBHs-NN Variable Metsig cut jet2_Et



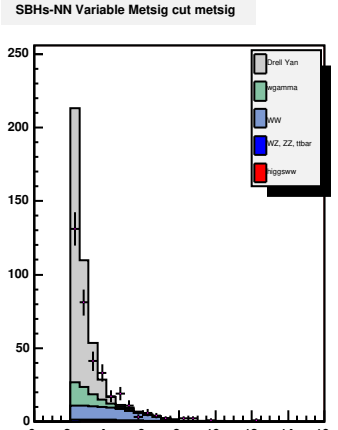
SBHs-NN Variable Metsig cut dildphi



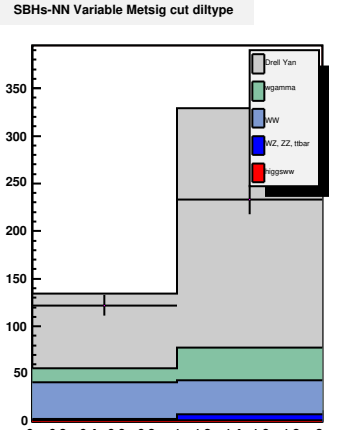
SBHs-NN Variable Metsig cut lepR



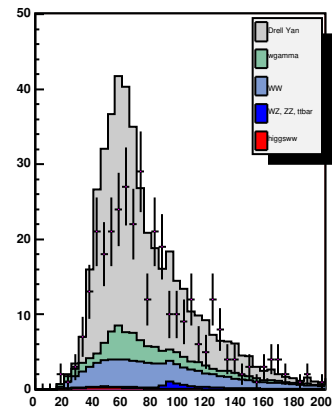
SBHs-NN Variable Metsig cut metsig



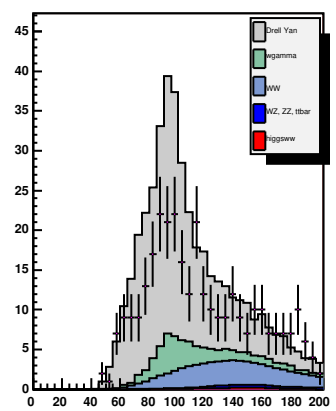
SBHs-NN Variable Metsig cut diltype



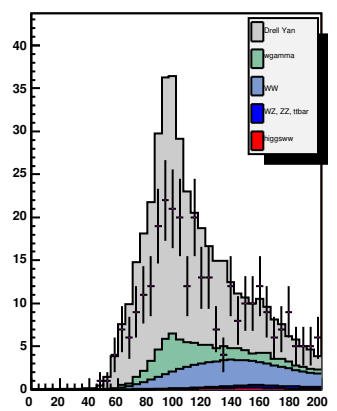
SBHs-NN Variable Metsig cut Mt_ll



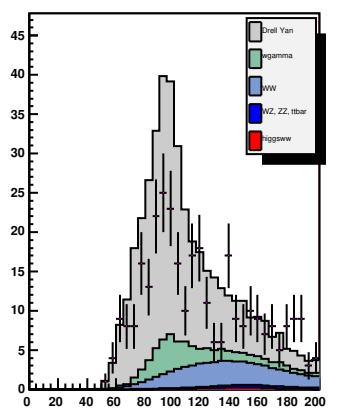
SBHs-NN Variable Metsig cut Mt_llMet



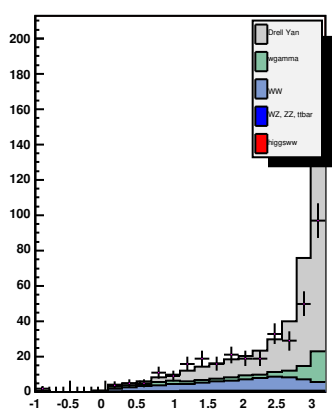
SBHs-NN Variable Metsig cut Mt_All



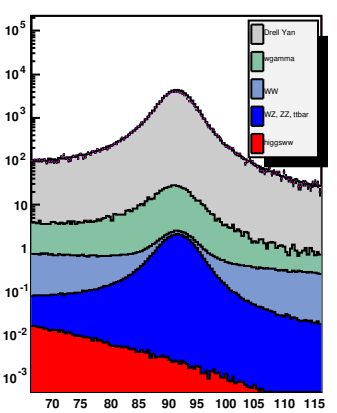
SBHs-NN Variable Metsig cut lsr



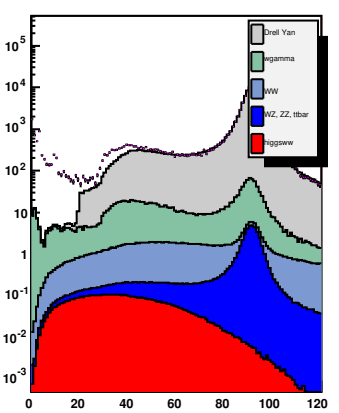
SBHs-NN Variable Metsig cut DilPhillCorr



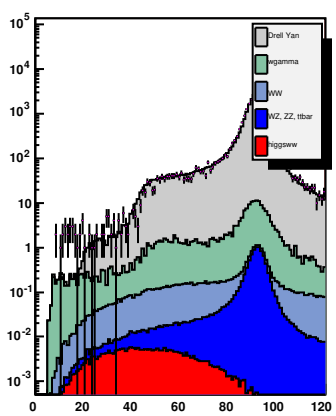
SBHs-dilepton masses for Z peak



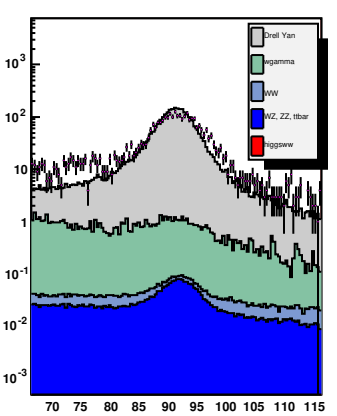
SBHs-dilepton masses for Z peak



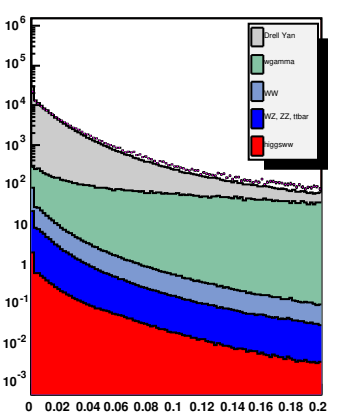
SBHs-dilepton masses for TCE-PHX Z peak



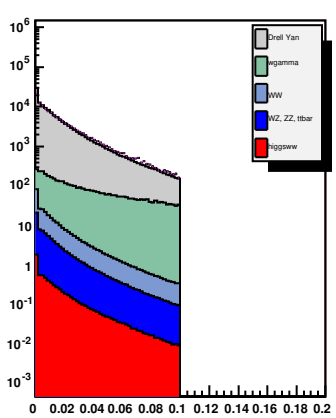
SBHs-same sign dilepton masses



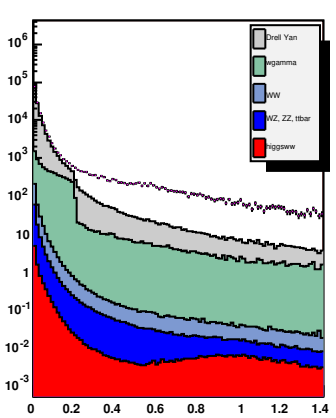
SBHs-before lepton calorimeter isolation cut



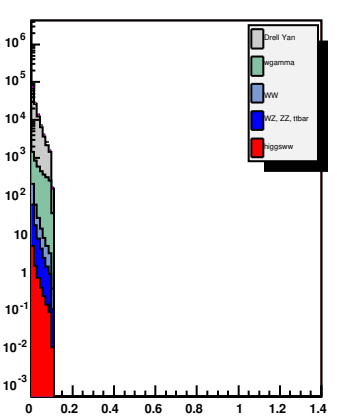
SBHs-after lepton calorimeter isolation cut



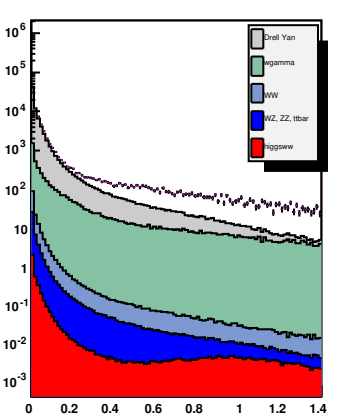
SBHs-before lepton calorimeter isolation cut



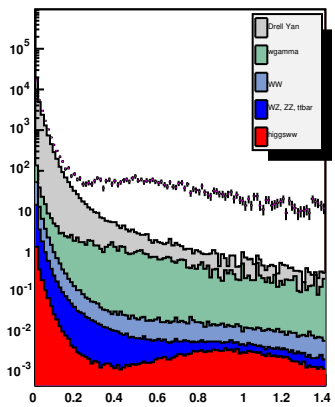
SBHs-after lepton calorimeter isolation cut



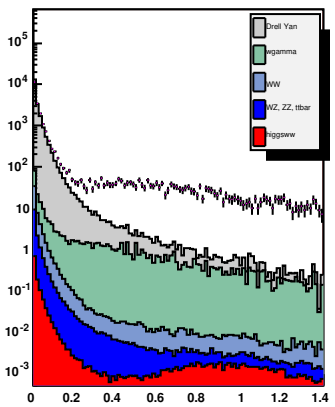
SBHs-TCE Trk Isolation



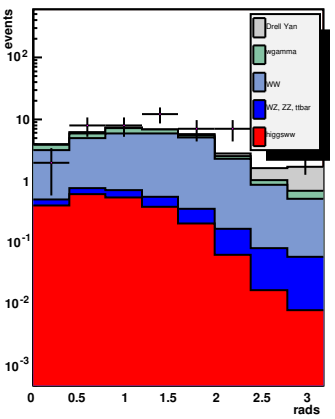
SBHs-CMUP Trk Isolation



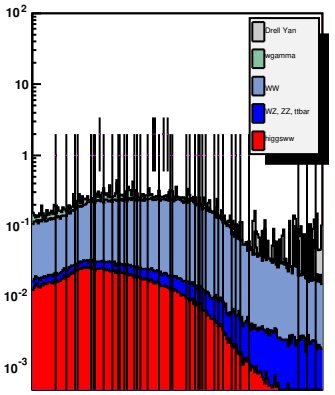
SBHs-CMX Trk Isolation



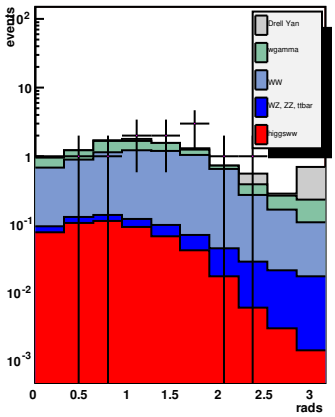
SBHs-lepton angular separation

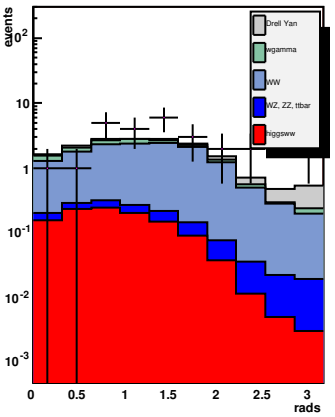


SBHs-dildphi in ALLfor like

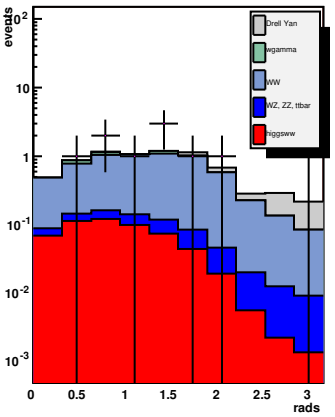


SBHs-lepton angular separation of electrons

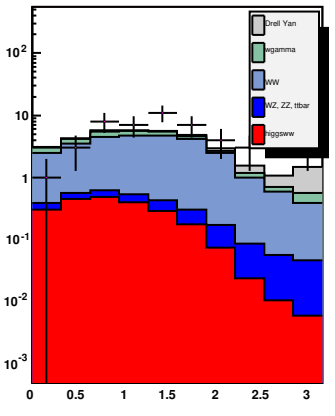




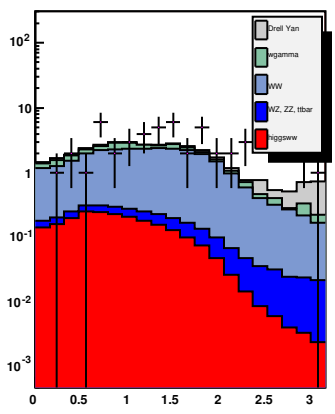
SBHs-lepton angular separation of muons



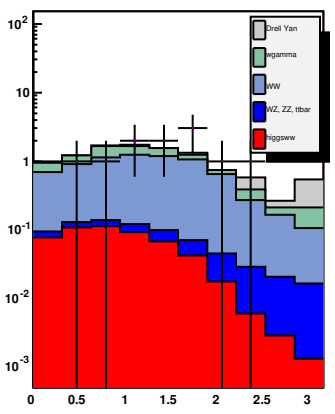
SBHs-dildphi in ALL



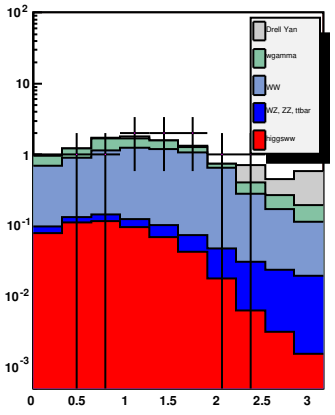
SBHs-dildphi in ALL



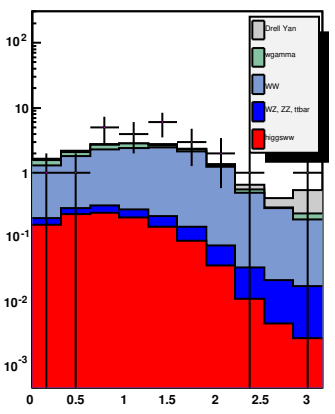
SBHs-dphi of electrons, high JES



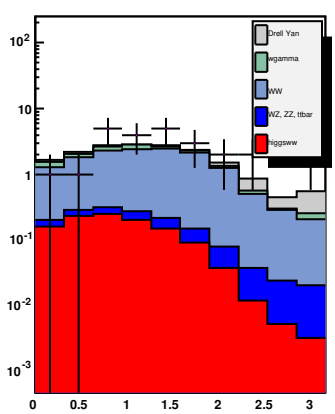
SBHs-dphi of electrons, low JES



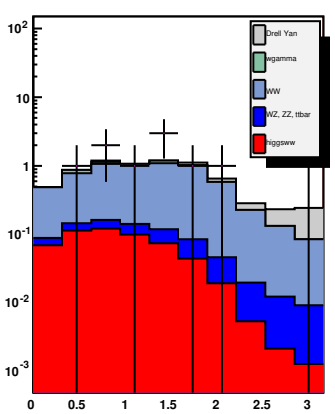
SBHs-dphi of electron and muon, high JES



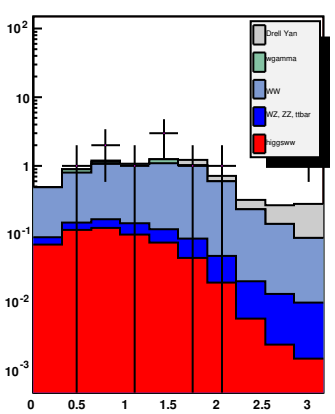
SBHs-dphi of electron and muon, low JES



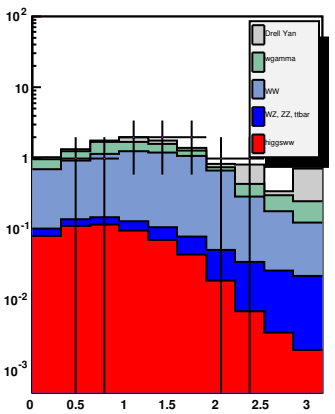
SBHs-dphi of muons, high JES



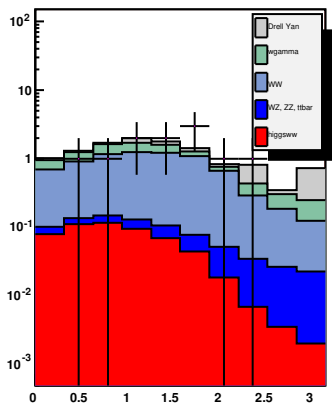
SBHs-dphi of muons, low JES



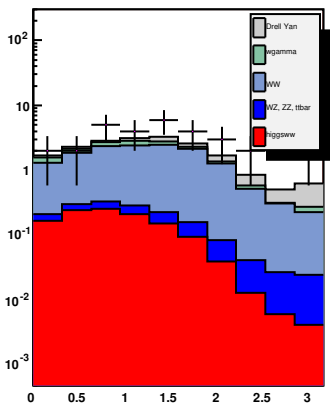
SBHs-dphi of electrons, high LES



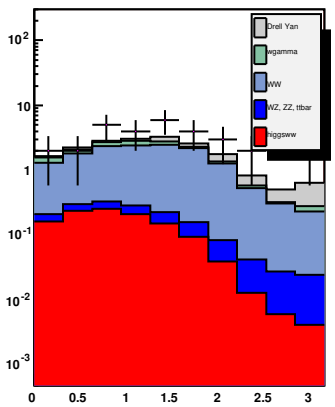
SBHs-dphi of electrons, low LES



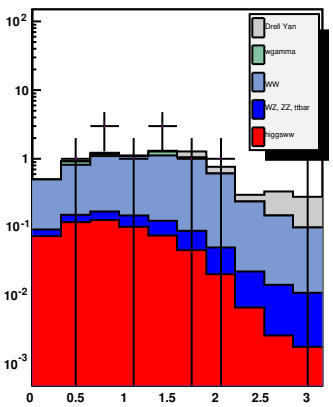
SBHs-dphi of electron and muon, high LES



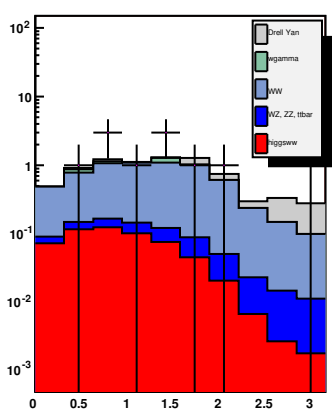
SBHs-dphi of electron and muon, low LES



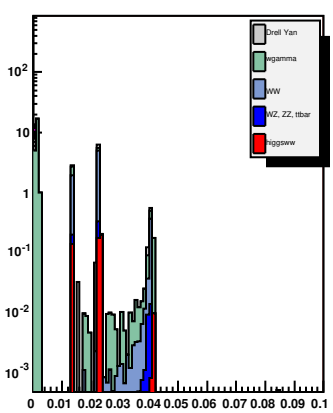
SBHs-dphi of muons, high LES



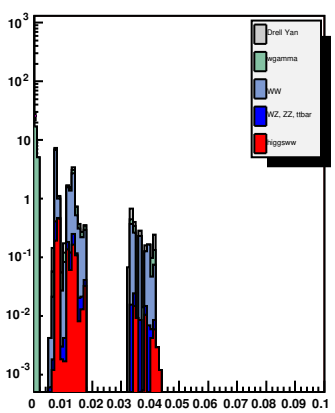
SBHs-dphi of muons, low LES



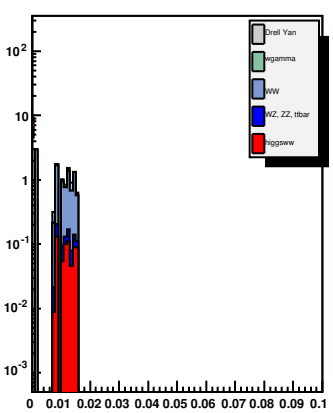
SBHs-Relative Weights Error for electrons



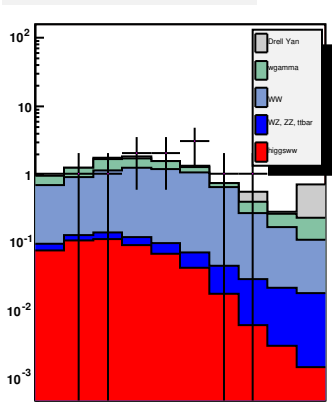
SBHs-Relative Weights Error for electron and muon



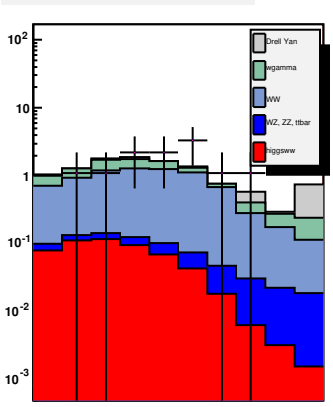
SBHs-Relative Weights Error for muons



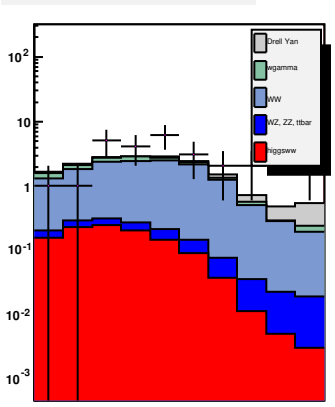
SBHs-dphi of electrons, high ISR



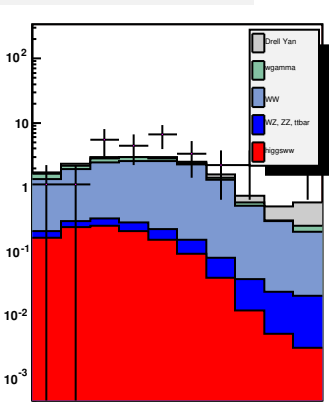
SBHs-dphi of electrons, low ISR



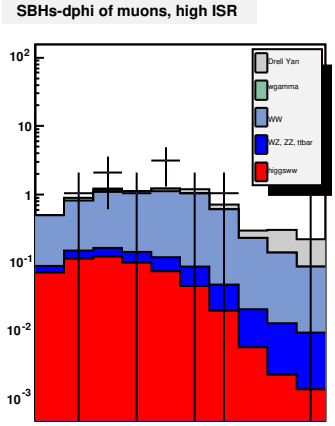
SBHs-dphi of electron and muon, high ISR



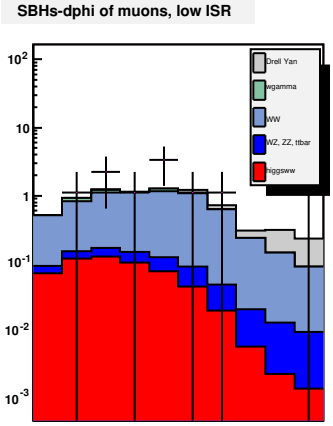
SBHs-dphi of electron and muon, low ISR



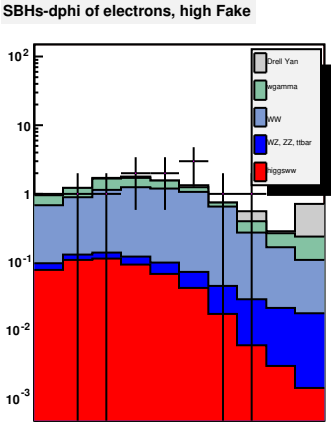
SBHs-dphi of muons, high ISR



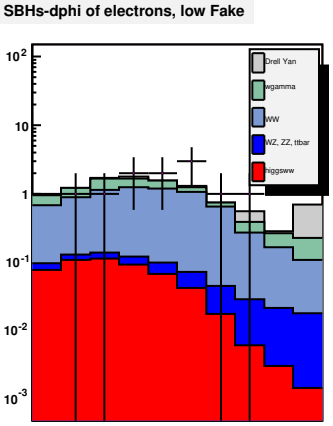
SBHs-dphi of muons, low ISR



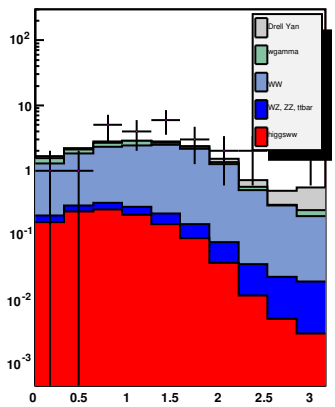
SBHs-dphi of electrons, high Fake



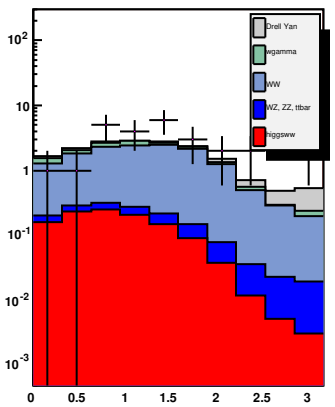
SBHs-dphi of electrons, low Fake



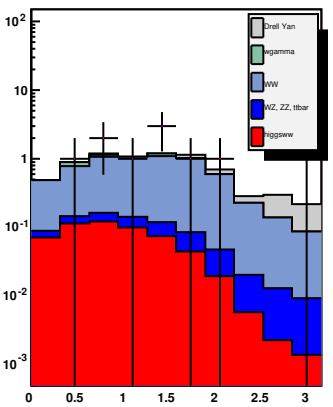
SBHs-dphi of electron and muon, high Fake



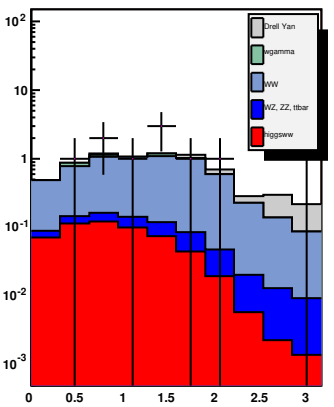
SBHs-dphi of electron and muon, low Fake



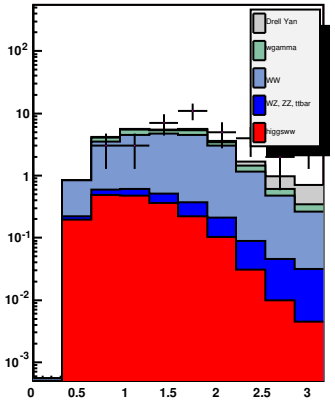
SBHs-dphi of muons, high Fake



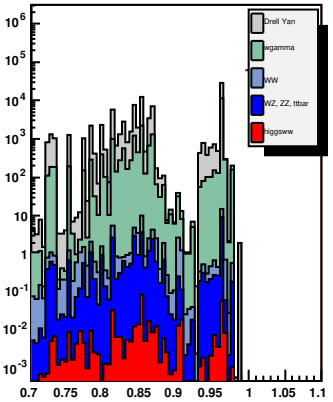
SBHs-dphi of muons, low Fake



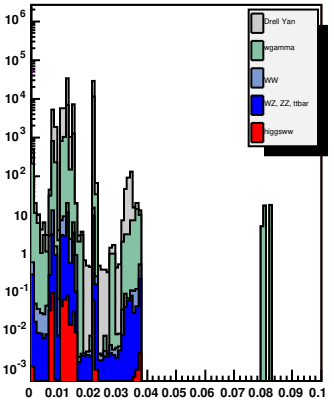
SBHs-dilepton dR



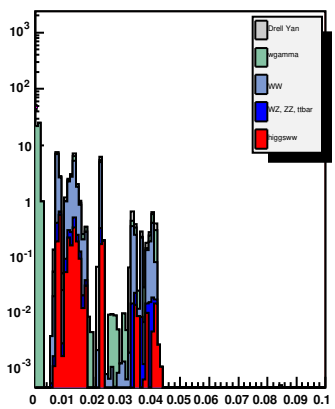
SBHs-Weight forALL



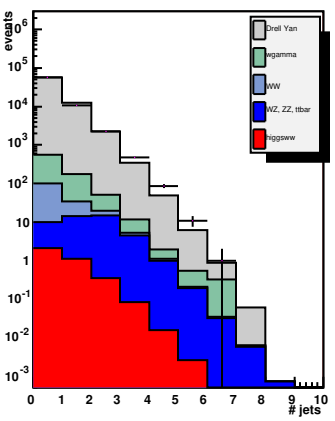
SBHs-Weight Error for ALL



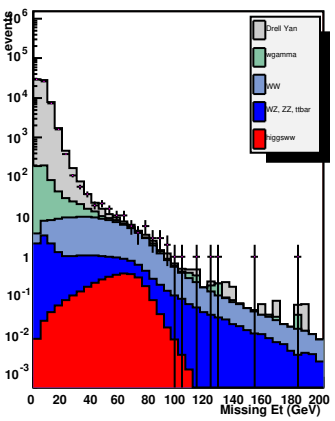
SBHs-Relative Weight Error for ALL



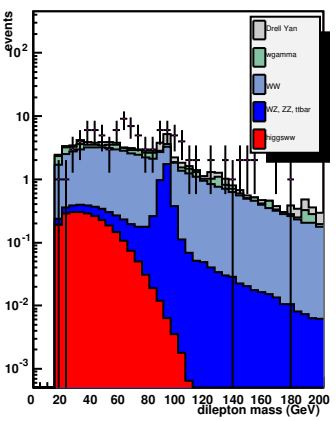
SBHs-Number of Jets in before Jet cut



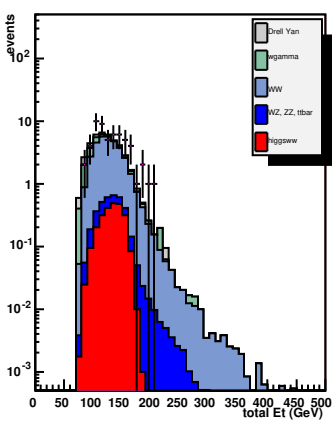
SBHs-Missing Et before missing et cut



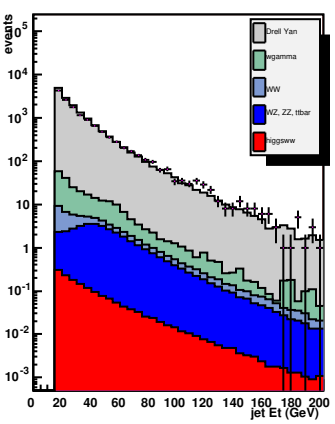
SBHs-dilepton mass before dilepton mass cut



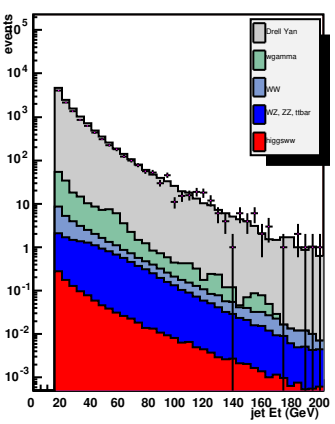
SBHs-total Et in before total et cut



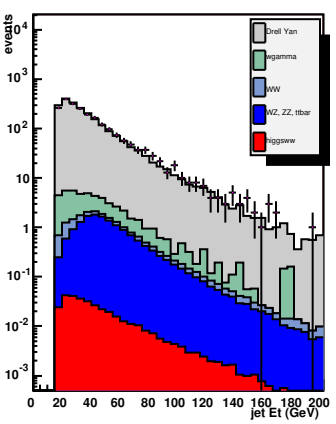
SBHs-Lead jet Et for all jets before Jet cut



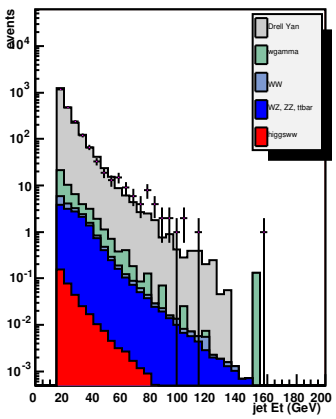
SBHs-Lead jet Et for one jet before Jet cut



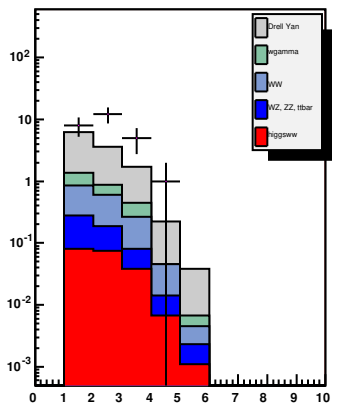
SBHs-Lead jet Et for two jets in before Jet cut



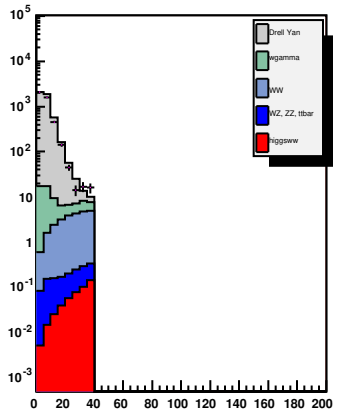
SBHs-Second jet Et for two jets before Jet cut



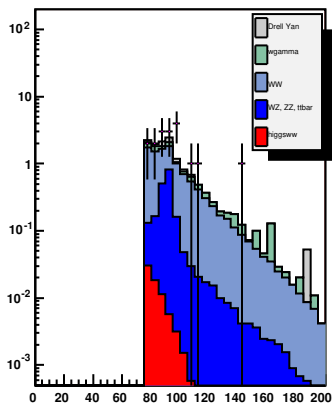
SBHs-Number of Jets inALL in Nm1 Jet cut



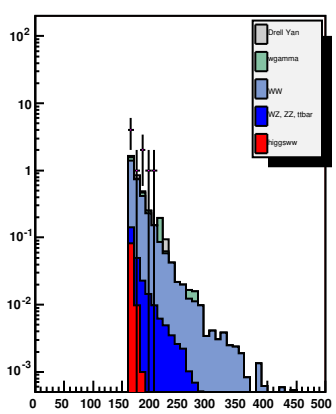
SBHs-Missing Et inALL in Nm1 missing et cut



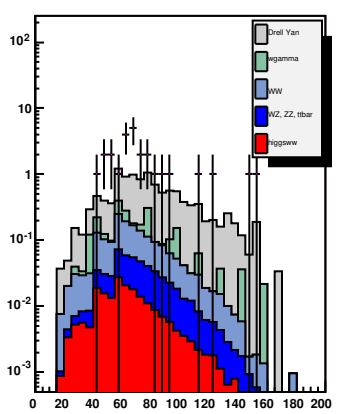
SBHs-dil mass inALL in Nm1 dil mass max cut



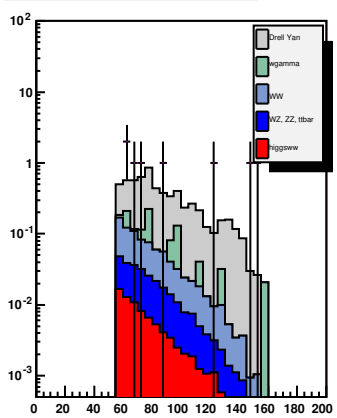
SBHs-total et inALL in Nm1 total et cut



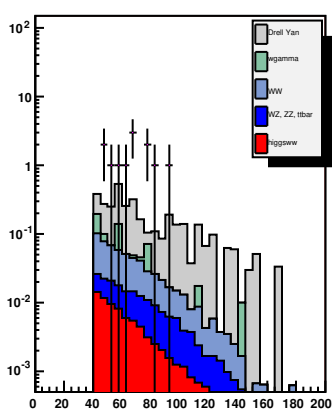
SBHs-Lead jet Et for all jets inALL in Nm1 Jet cut



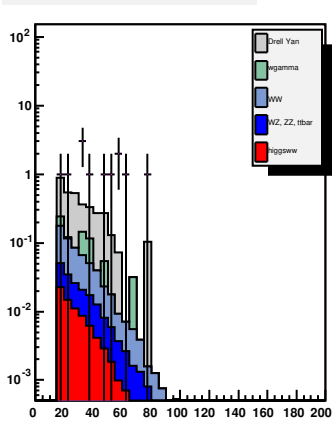
SBHs-Lead jet Et for one jet in ALL in Nm1 Jet cut



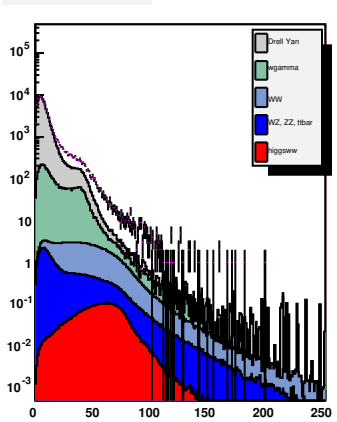
SBHs-Lead jet Et for two jets in ALL in Nm1 Jet cut



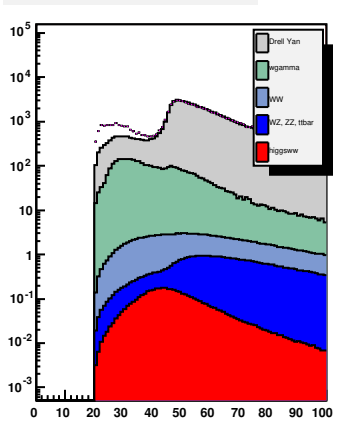
SBHs-Second jet Et for two jets in ALL in Nm1 Jet cut



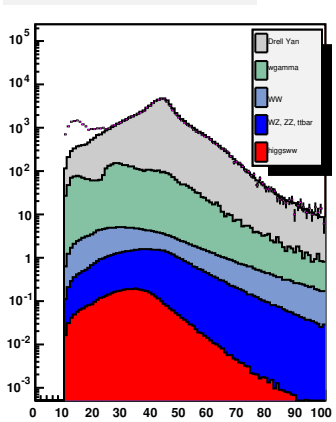
SBHs-Missing Et



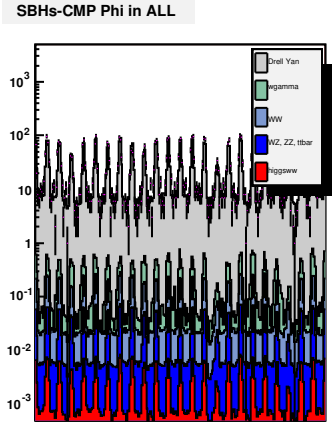
SBHs-highest lepton Et in ALL



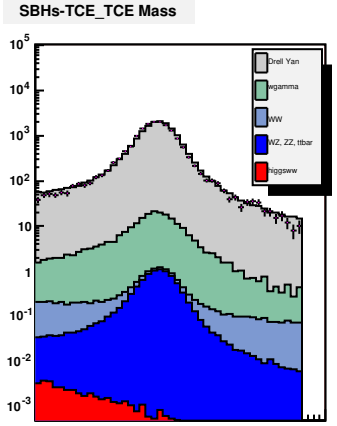
SBHs-secondhighest lepton Et in ALL



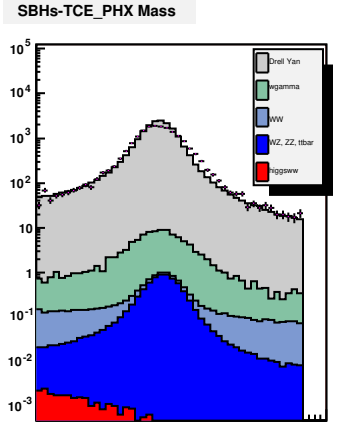
SBHs-CMP Phi in ALL



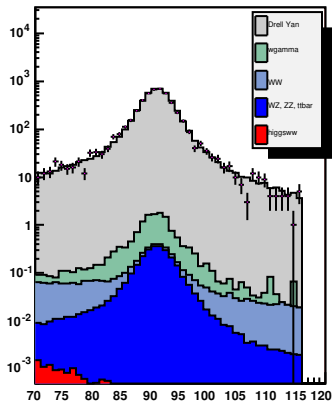
SBHs-TCE_TCE Mass



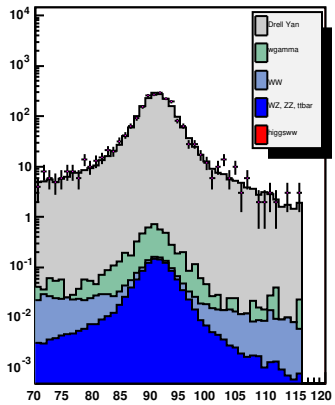
SBHs-TCE_PHX Mass



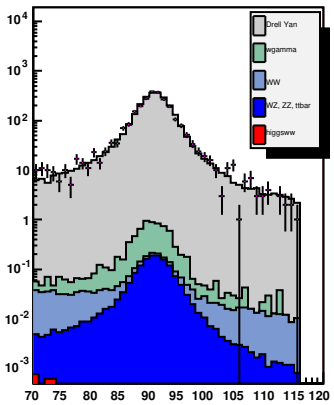
SBHs-CMUP_CMUP Mass



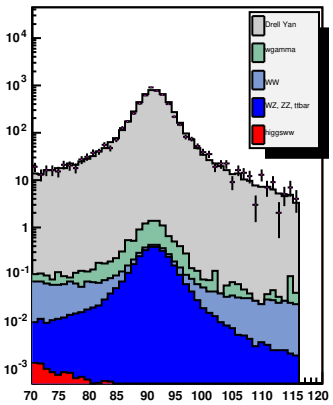
SBHs-CMUP_CMU Mass



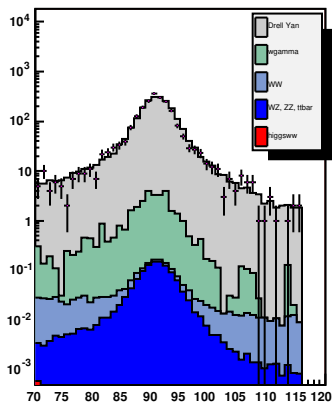
SBHs-CMUP_CMP Mass



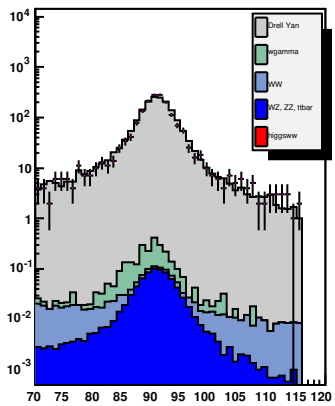
SBHs-CMUP_CMX Mass



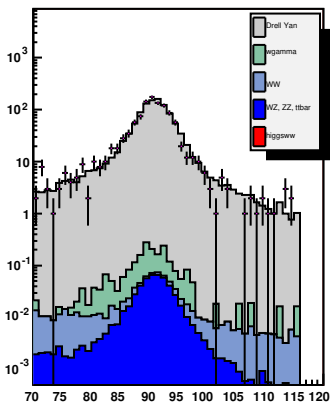
SBHs-CMUP_CMIO Mass



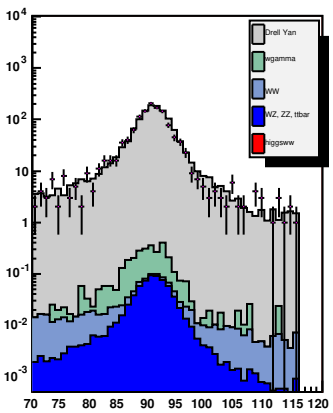
SBHs-CMX_CMX Mass



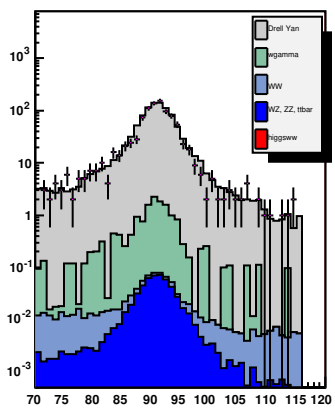
SBHs-CMX_CMU Mass



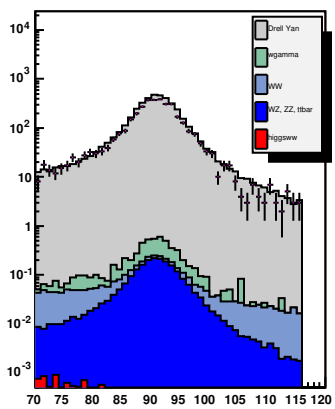
SBHs-CMX_CMP Mass



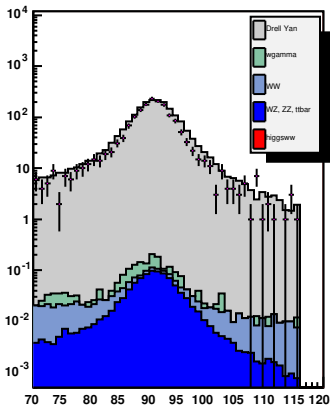
SBHs-CMX_CMIO Mass



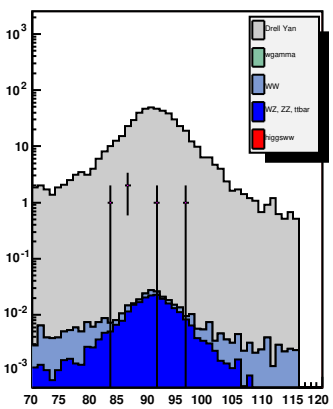
SBHs-CMUP_BMU Mass



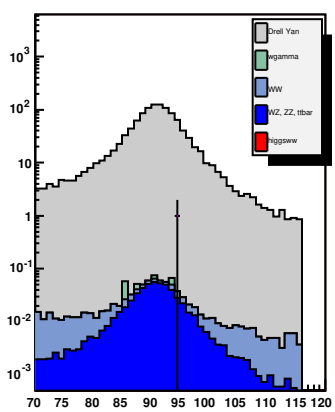
SBHs-CMX_BMU Mass



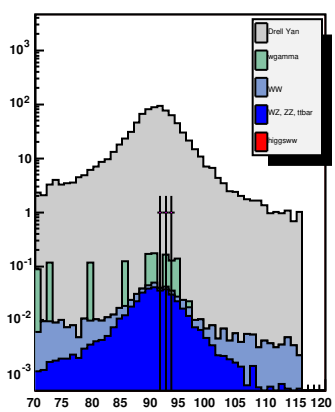
SBHs-BMU_BMU Mass



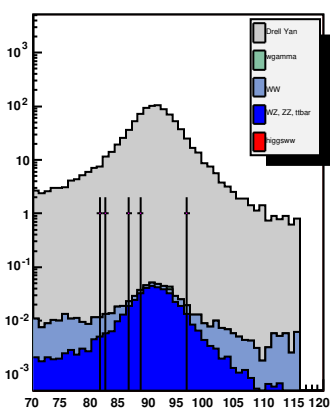
SBHs-CMP_BMU Mass



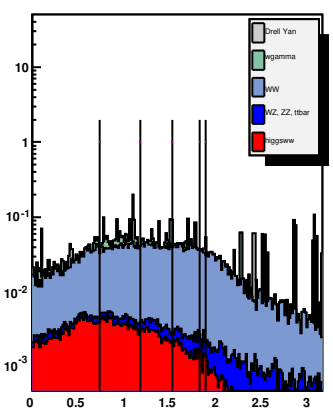
SBHs-CMIO_BMU Mass



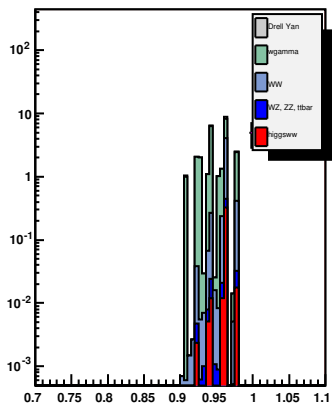
SBHs-CMU_BMU Mass



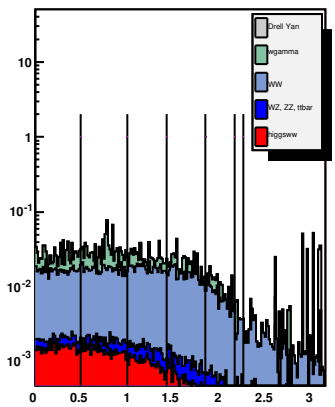
SBHs-TCE_TCE dilDphilike



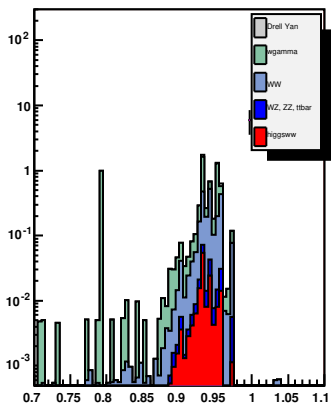
SBHs-TCE_TCE rawweight



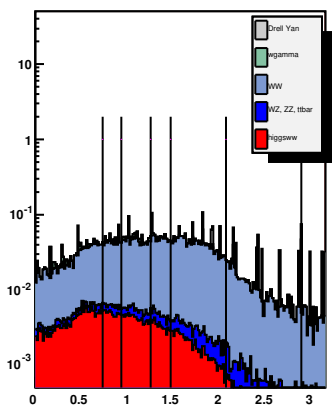
SBHs-TCE_PHX dilDphilike



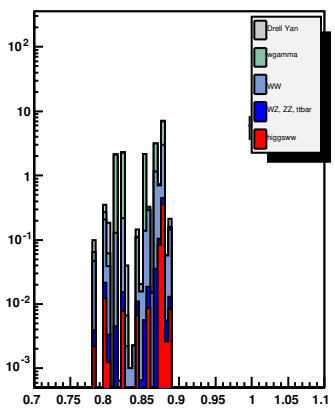
SBHs-TCE_PHX rawweight



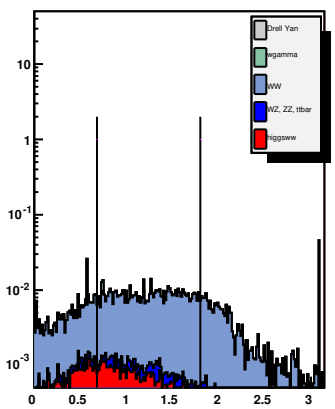
SBHs-TCE_CMUP dilDphilike



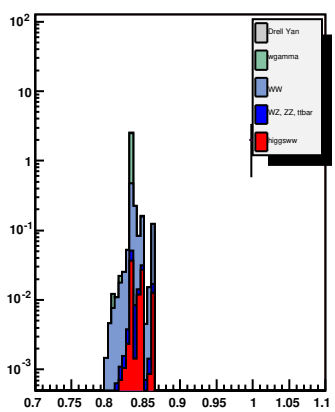
SBHs-TCE_CMUP rawweight



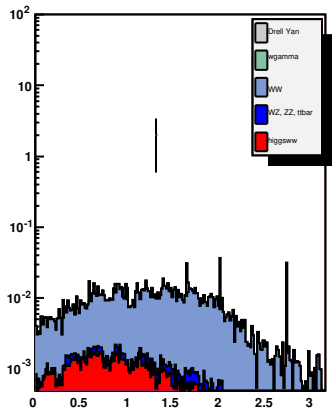
SBHs-TCE_CMU dilDphilike



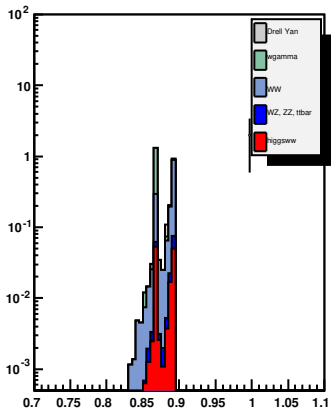
SBHs-TCE_CMU rawweight



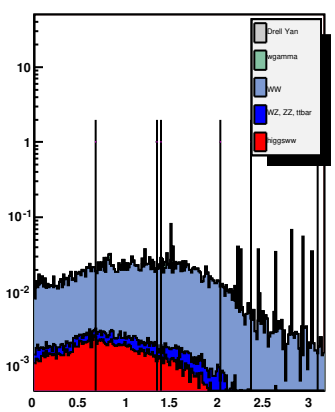
SBHs-TCE_CMP dilDphilike



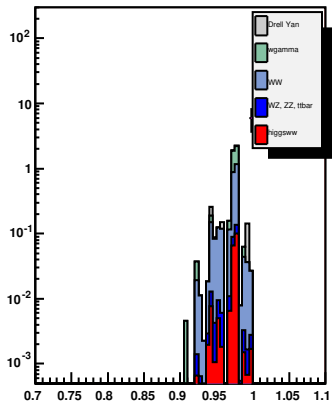
SBHs-TCE_CMP rawweight



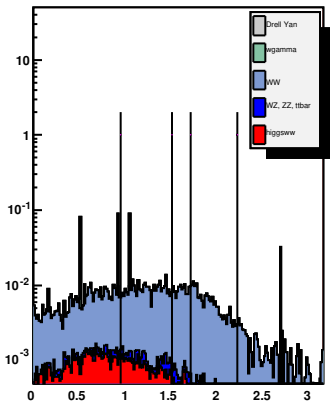
SBHs-TCE_CMX dilDphilike



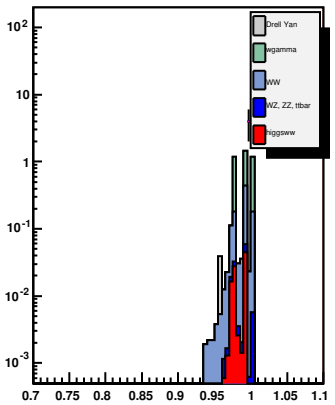
SBHs-TCE_CMX rawweight



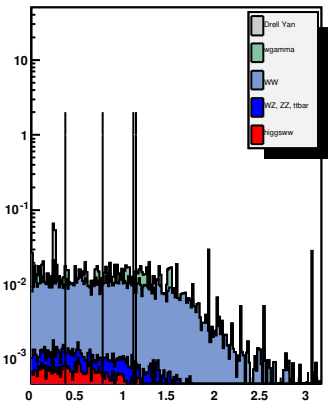
SBHs-TCE_CMIO dilDphilike



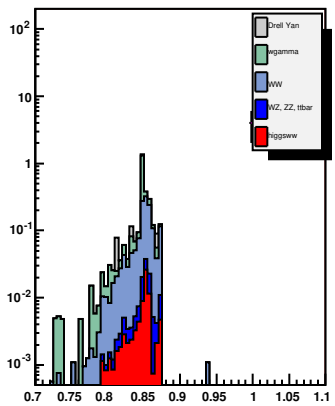
SBHs-TCE_CMIO rawweight



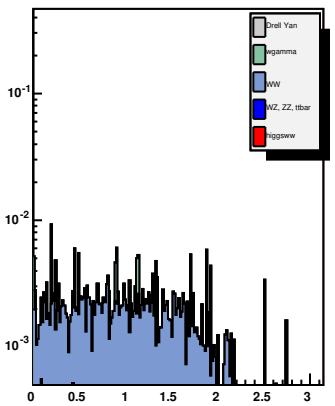
SBHs-PHX_CMUP dilDphilike



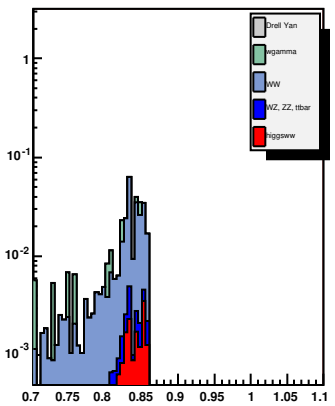
SBHs-PHX_CMUP rawweight



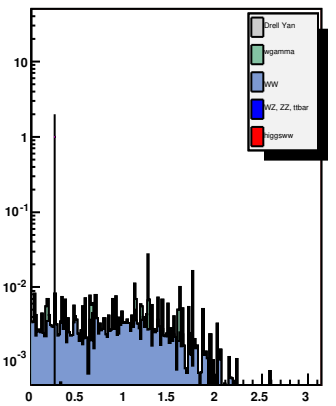
SBHs-PHX_CMU dilDphilike



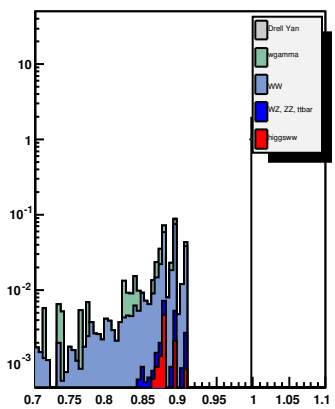
SBHs-PHX_CMU rawweight



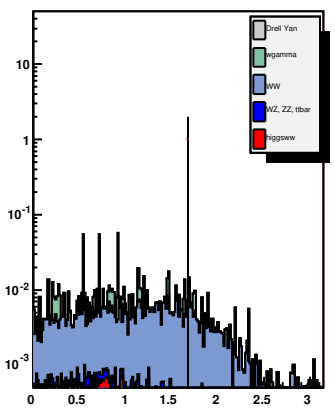
SBHs-PHX_CMP dilDphilike



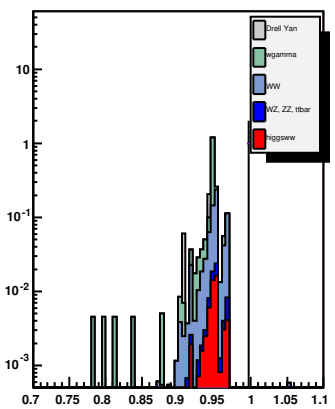
SBHs-PHX_CMP rawweight



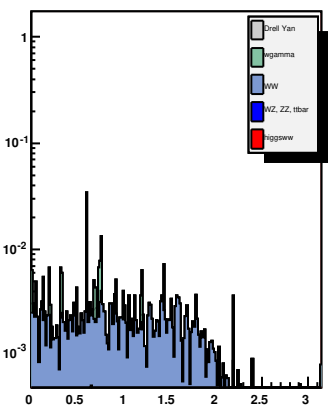
SBHs-PHX_CMX dilDphilike



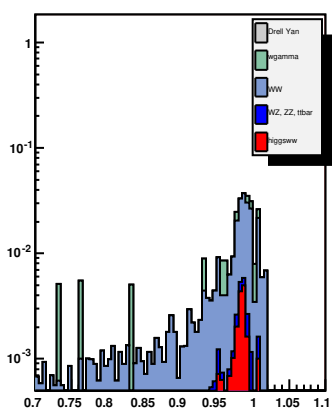
SBHs-PHX_CMX rawweight



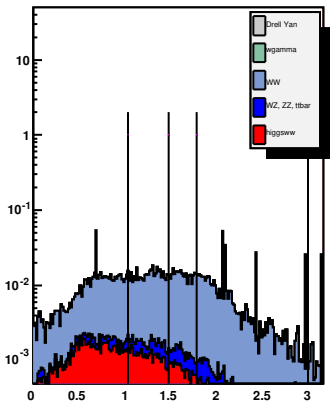
SBHs-PHX_CMIO dilDphilike



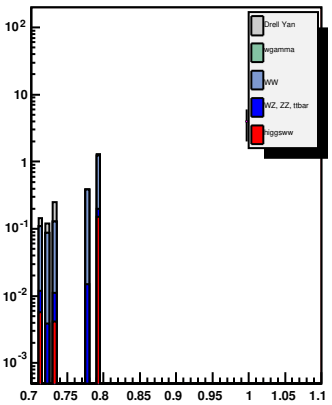
SBHs-PHX_CMIO rawweight



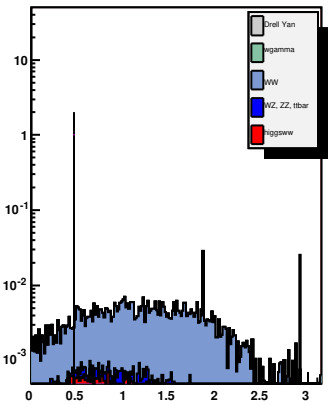
SBHs-CMUP_CMUP dilDphilike



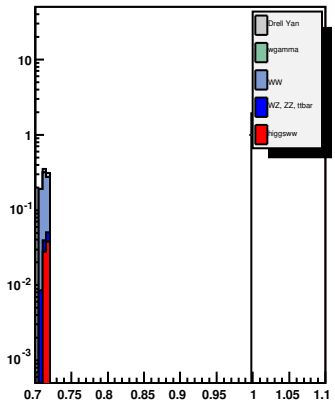
SBHs-CMUP_CMUP rawweight



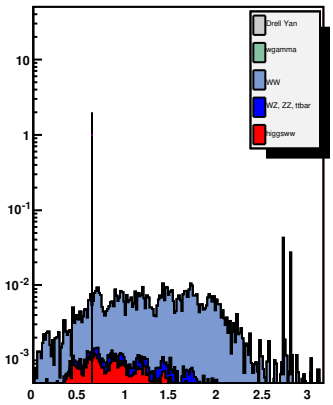
SBHs-CMUP_CMU dilDphilike



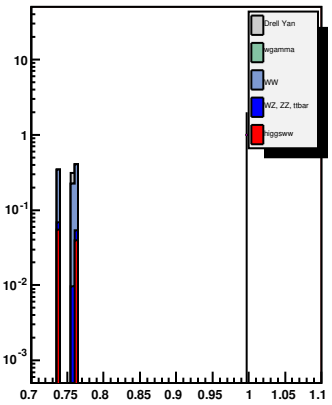
SBHs-CMUP_CMU rawweight



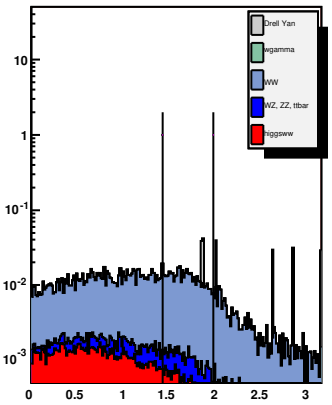
SBHs-CMUP_CMP dilDphilike



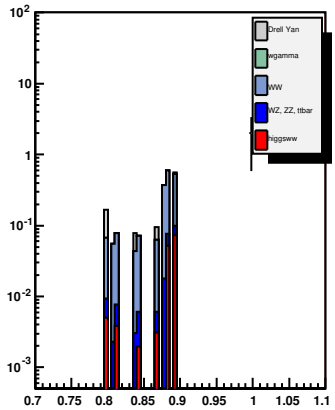
SBHs-CMUP_CMP rawweight



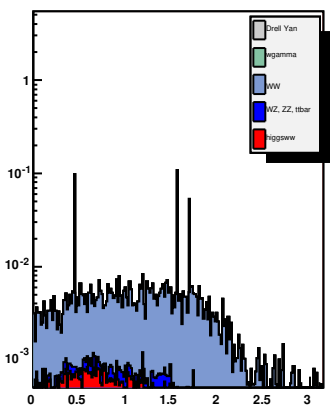
SBHs-CMUP_CMX dilDphilike



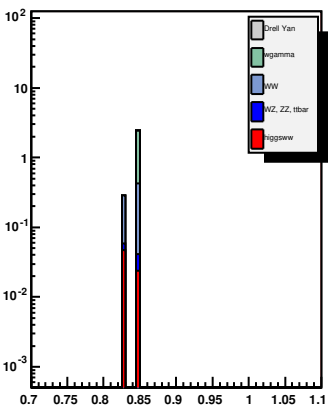
SBHs-CMUP_CMX rawweight



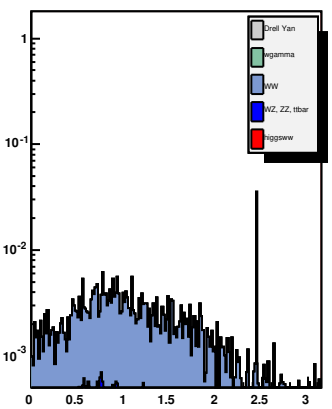
SBHs-CMUP_CMIO dilDphilike



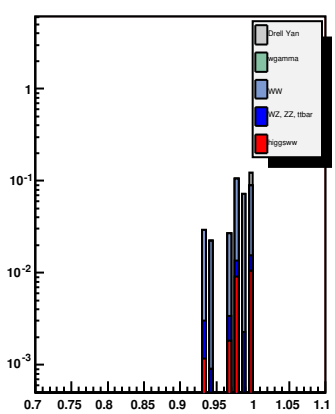
SBHs-CMUP_CMIO rawweight



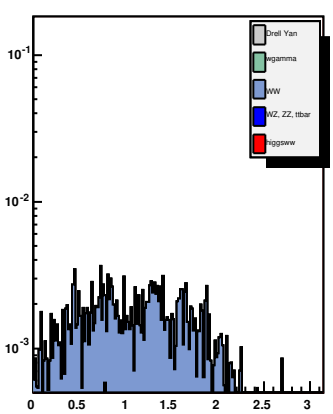
SBHs-CMX_CMX dilDphilike



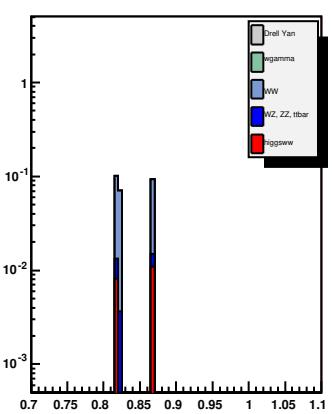
SBHs-CMX_CMX rawweight



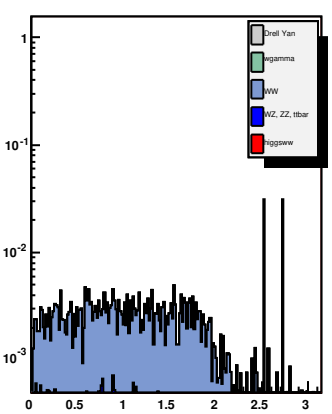
SBHs-CMX_CMU dilDphilike



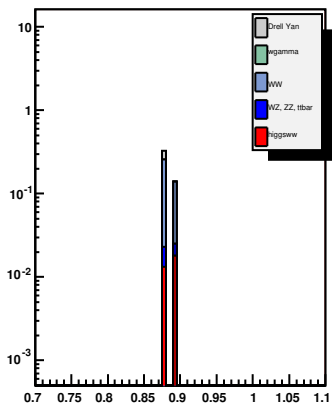
SBHs-CMX_CMU rawweight



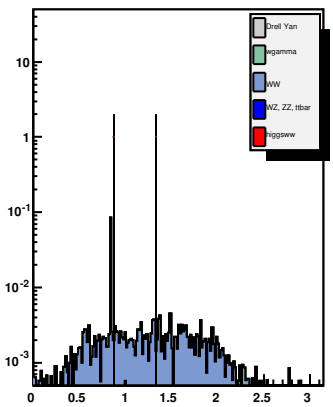
SBHs-CMX_CMP dilDphilike



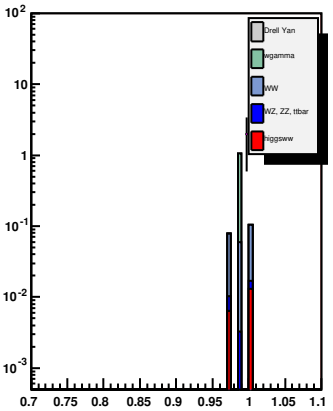
SBHs-CMX_CMP rawweight

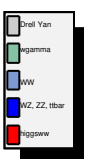


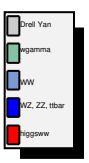
SBHs-CMX_CMIO dilDphilike



SBHs-CMX_CMIO rawweight







Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

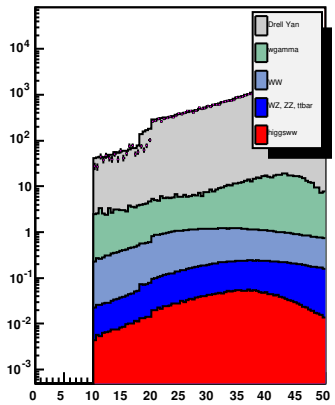
Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

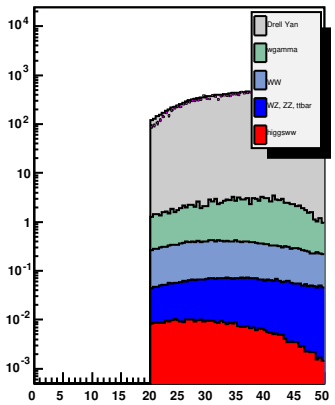
Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

Drell Yan
wgamma
WW
WZ, ZZ, ttbar
ggsww

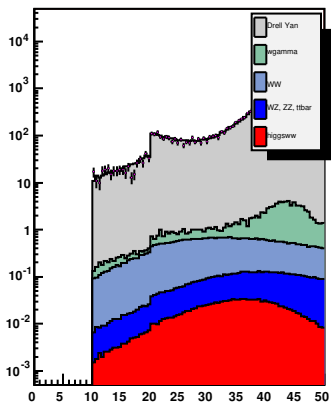
SBHs-TCE leptonET



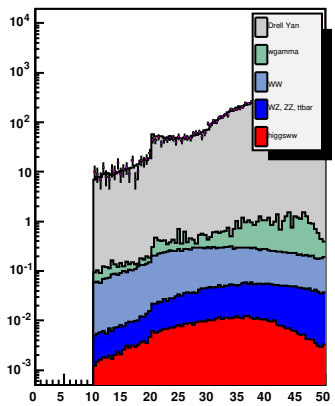
SBHs-PHX leptonET



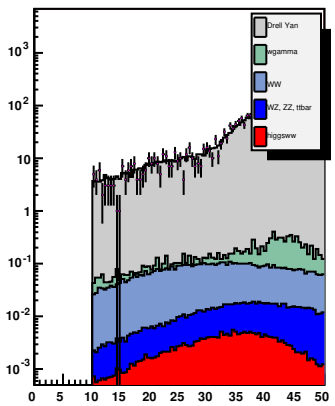
SBHs-CMUP leptonET



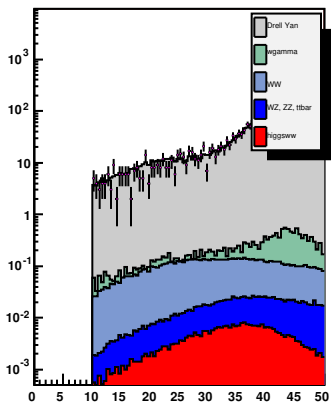
SBHs-CMX leptonET



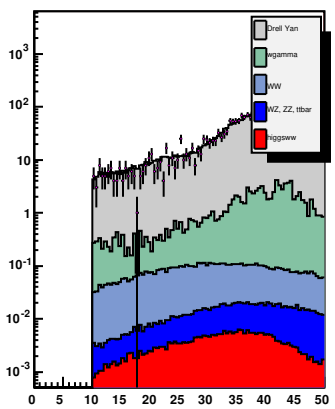
SBHs-CMU leptonET



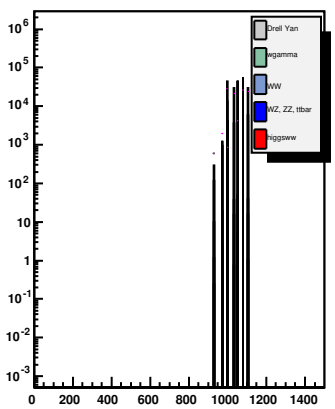
SBHs-CMP leptonET



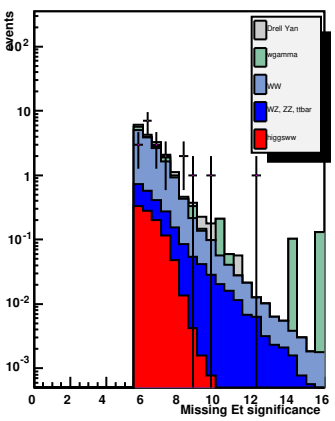
SBHs-CMIO leptonET



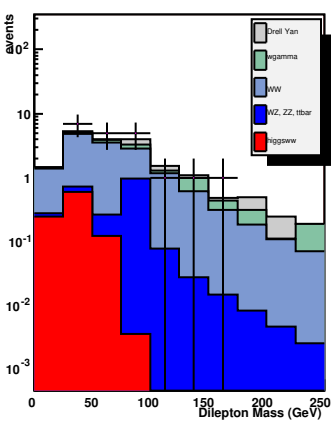
SBHs-luminosity



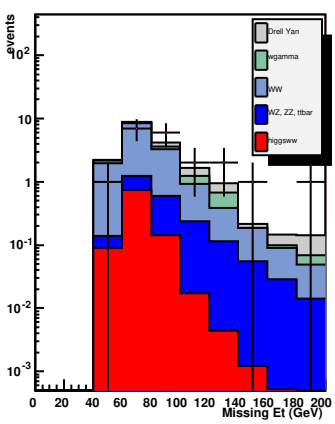
SBHs-WW missing Et significance



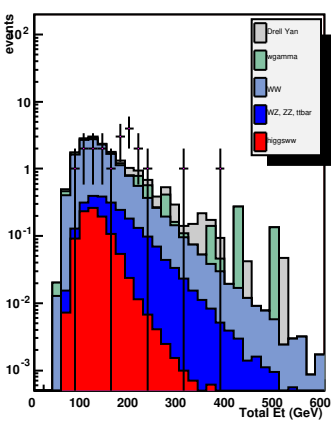
SBHs-WW dilepton mass



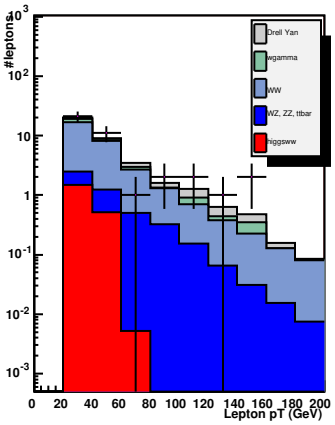
SBHs-WW missing Et



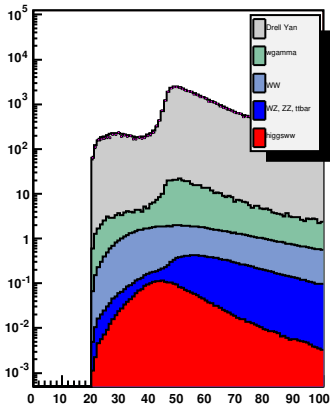
SBHs-WW total Et



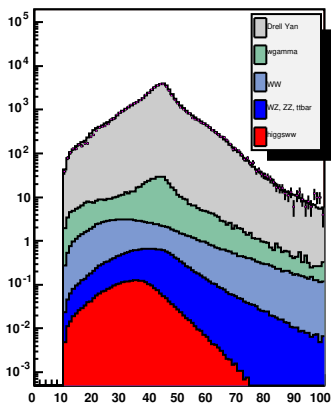
SBHs-WW lepton pT



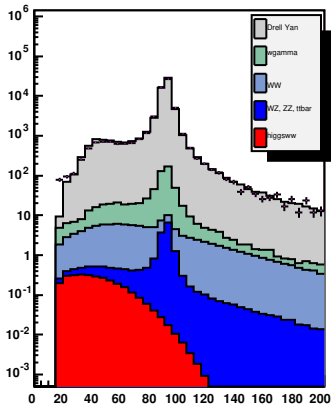
SBHs-NN Variable LepAEn



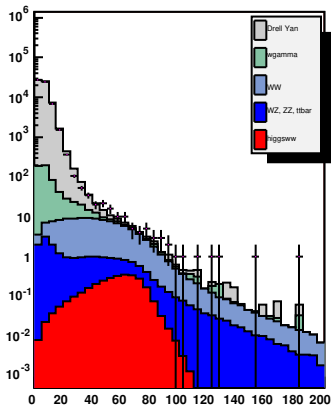
SBHs-NN Variable LepBEn



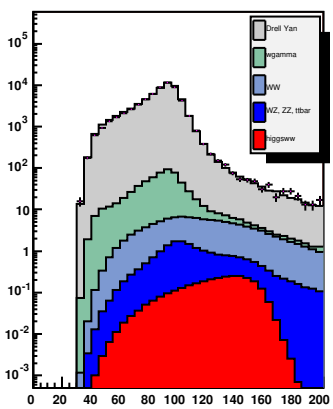
SBHs-NN Variable dilmass



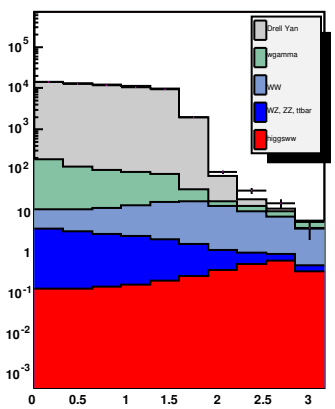
SBHs-NN Variable metmag



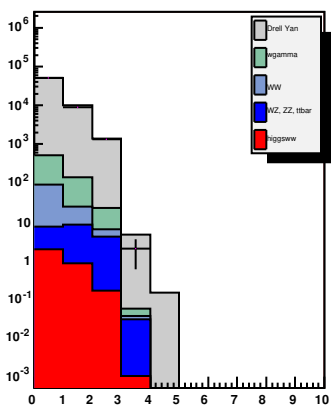
SBHs-NN Variable addEt



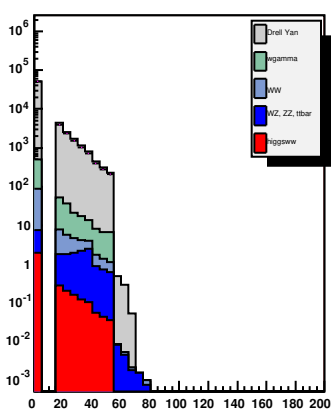
SBHs-NN Variable dPhiMetLJ



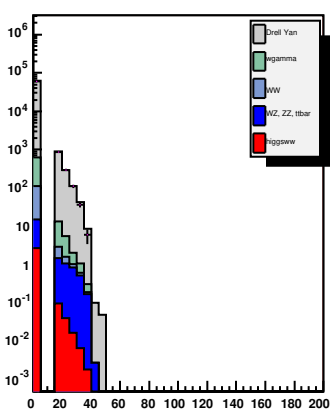
SBHs-NN Variable tightjets



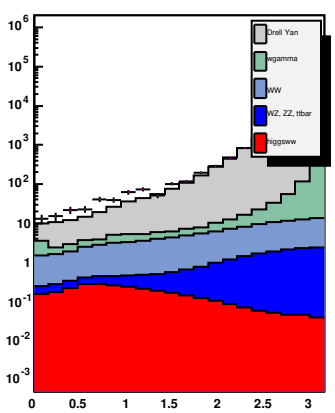
SBHs-NN Variable jet1_Et



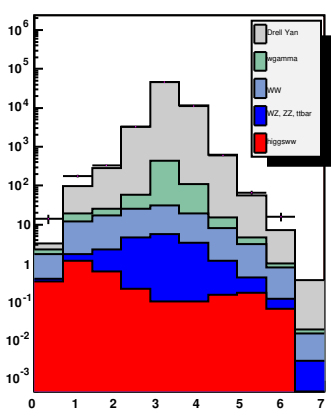
SBHs-NN Variable jet2_Et



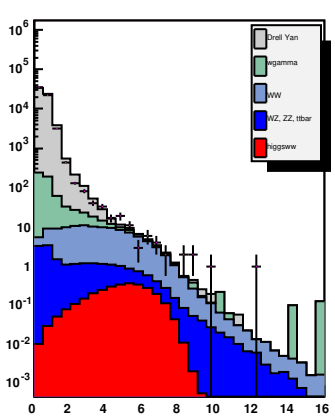
SBHs-NN Variable dildphi



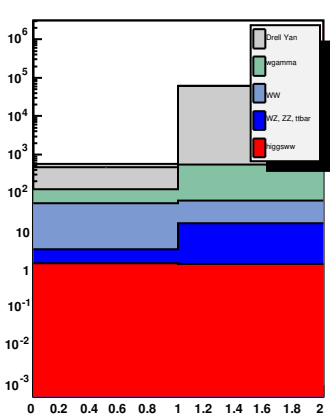
SBHs-NN Variable lepR



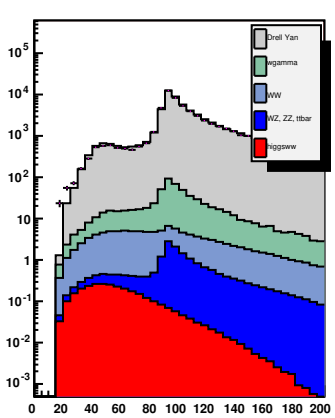
SBHs-NN Variable metsig



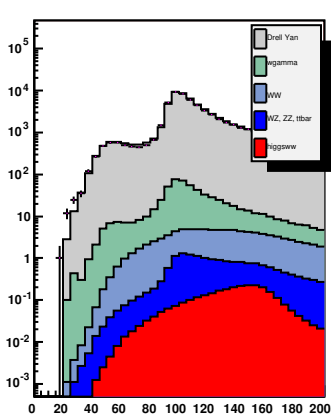
SBHs-NN Variable diltype



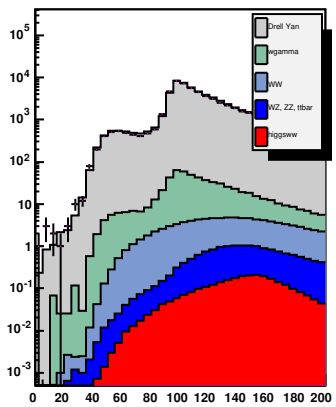
SBHs-NN Variable Mt_ll



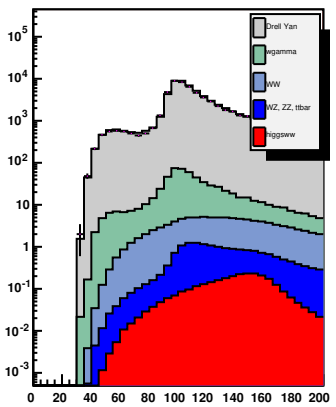
SBHs-NN Variable Mt_llMet



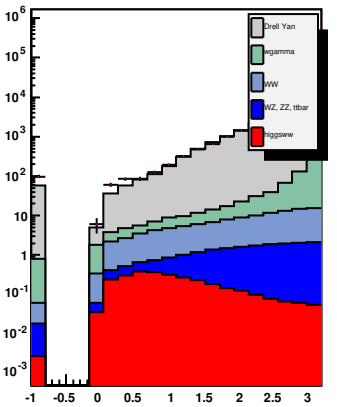
SBHs-NN Variable Mt_All



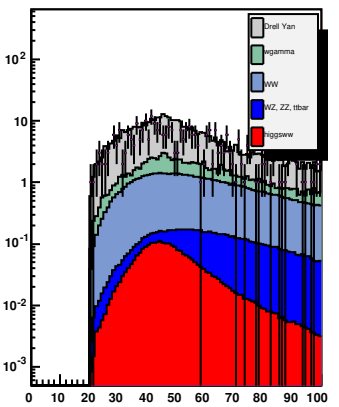
SBHs-NN Variable Isr



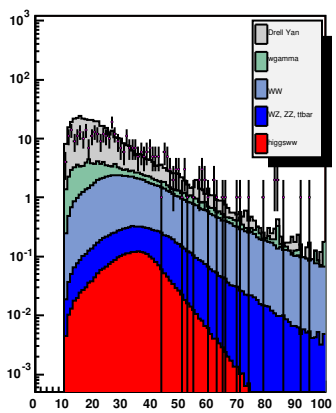
SBHs-NN Variable DilPhillCorr



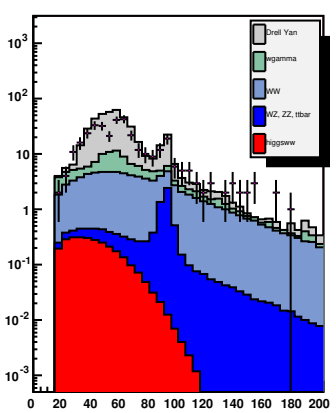
SBHs-NN Variable Metsig cut LepAEn



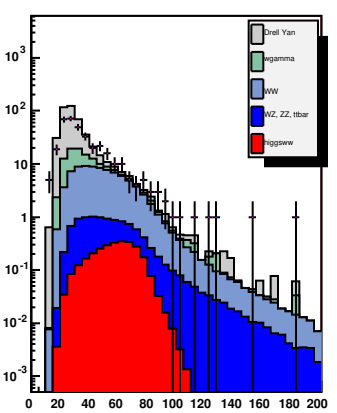
SBHs-NN Variable Metsig cut LepBEn



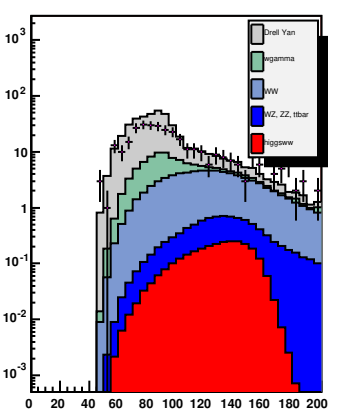
SBHs-NN Variable Metsig cut dilmass



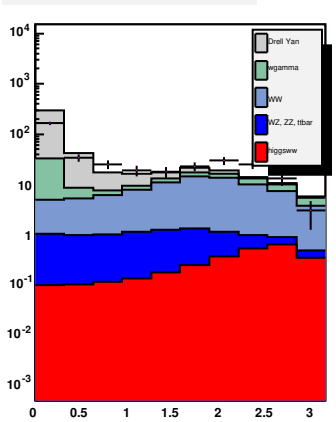
SBHs-NN Variable Metsig cut metmag



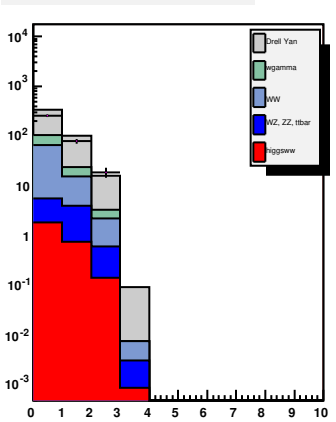
SBHs-NN Variable Metsig cut addEt



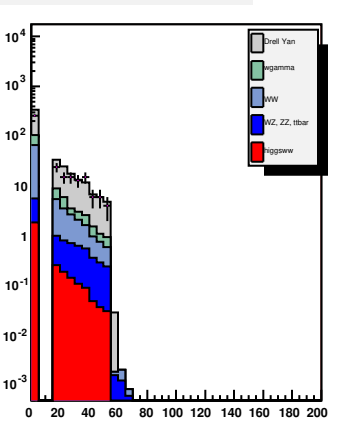
SBHs-NN Variable Metsig cut dPhiMetLJ



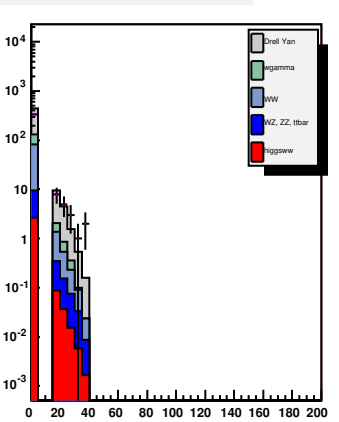
SBHs-NN Variable Metsig cut tightjets



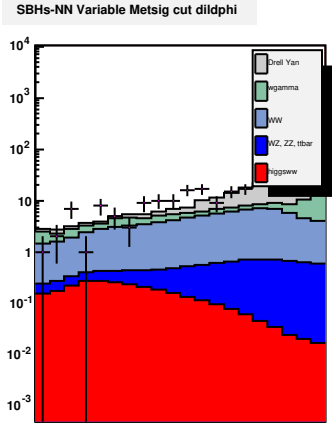
SBHs-NN Variable Metsig cut jet1_Et



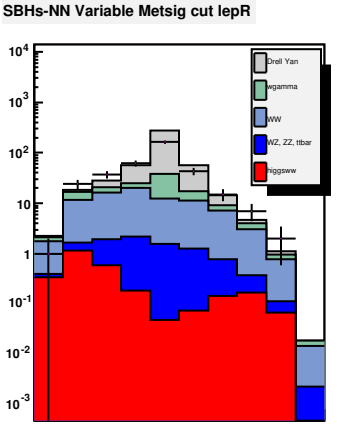
SBHs-NN Variable Metsig cut jet2_Et



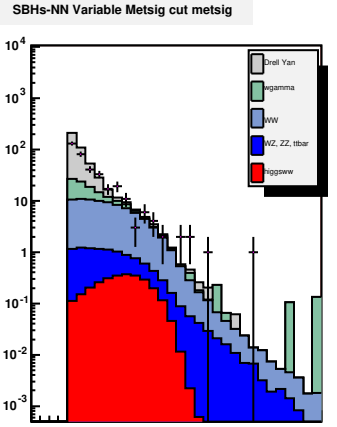
SBHs-NN Variable Metsig cut dildphi



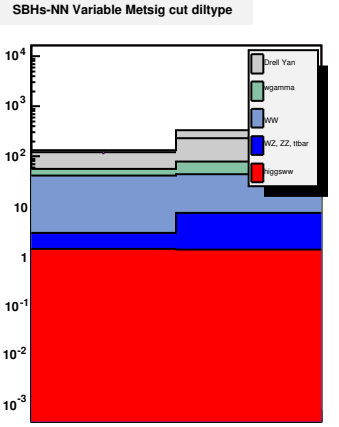
SBHs-NN Variable Metsig cut lepR



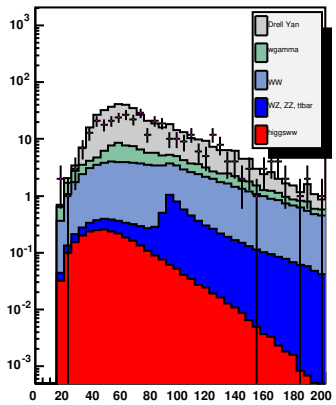
SBHs-NN Variable Metsig cut metsig



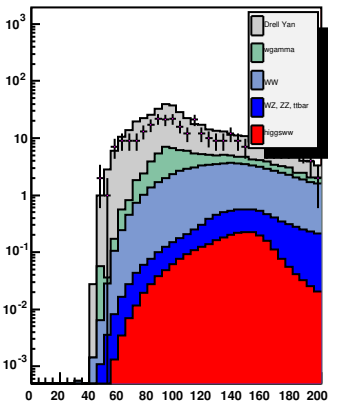
SBHs-NN Variable Metsig cut diltype



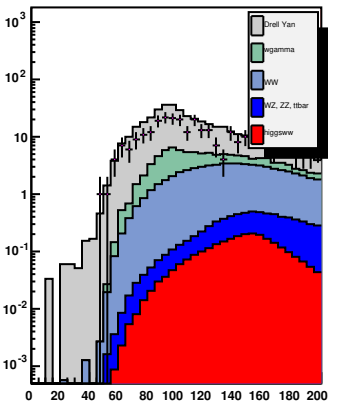
SBHs-NN Variable Metsig cut Mt_ll



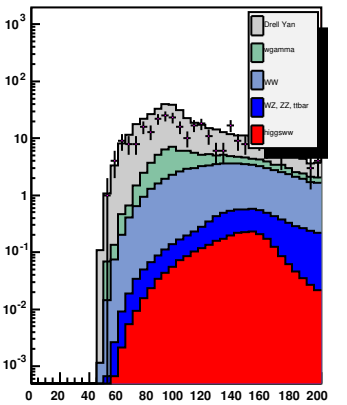
SBHs-NN Variable Metsig cut Mt_llMet



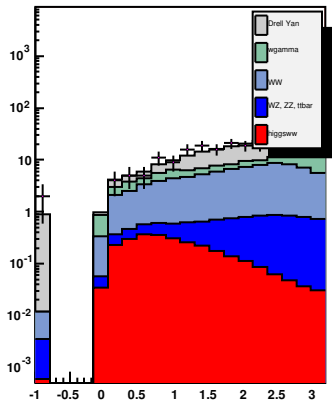
SBHs-NN Variable Metsig cut Mt_All



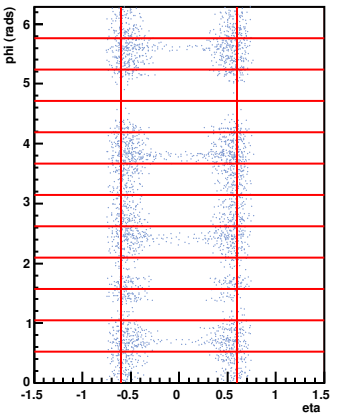
SBHs-NN Variable Metsig cut lsr



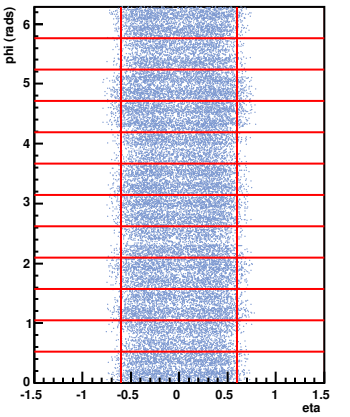
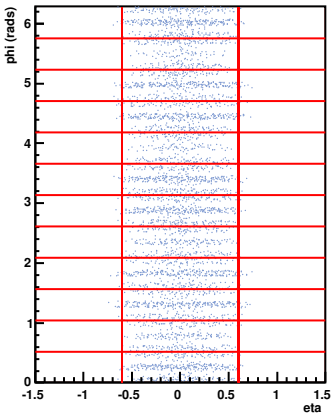
SBHs-NN Variable Metsig cut DilPhillCorr



Zmumu-CMU EtaPhi in ALL



Zmumu-CMUP EtaPhi in ALL



Zmumu-CMP EtaPhi in ALL