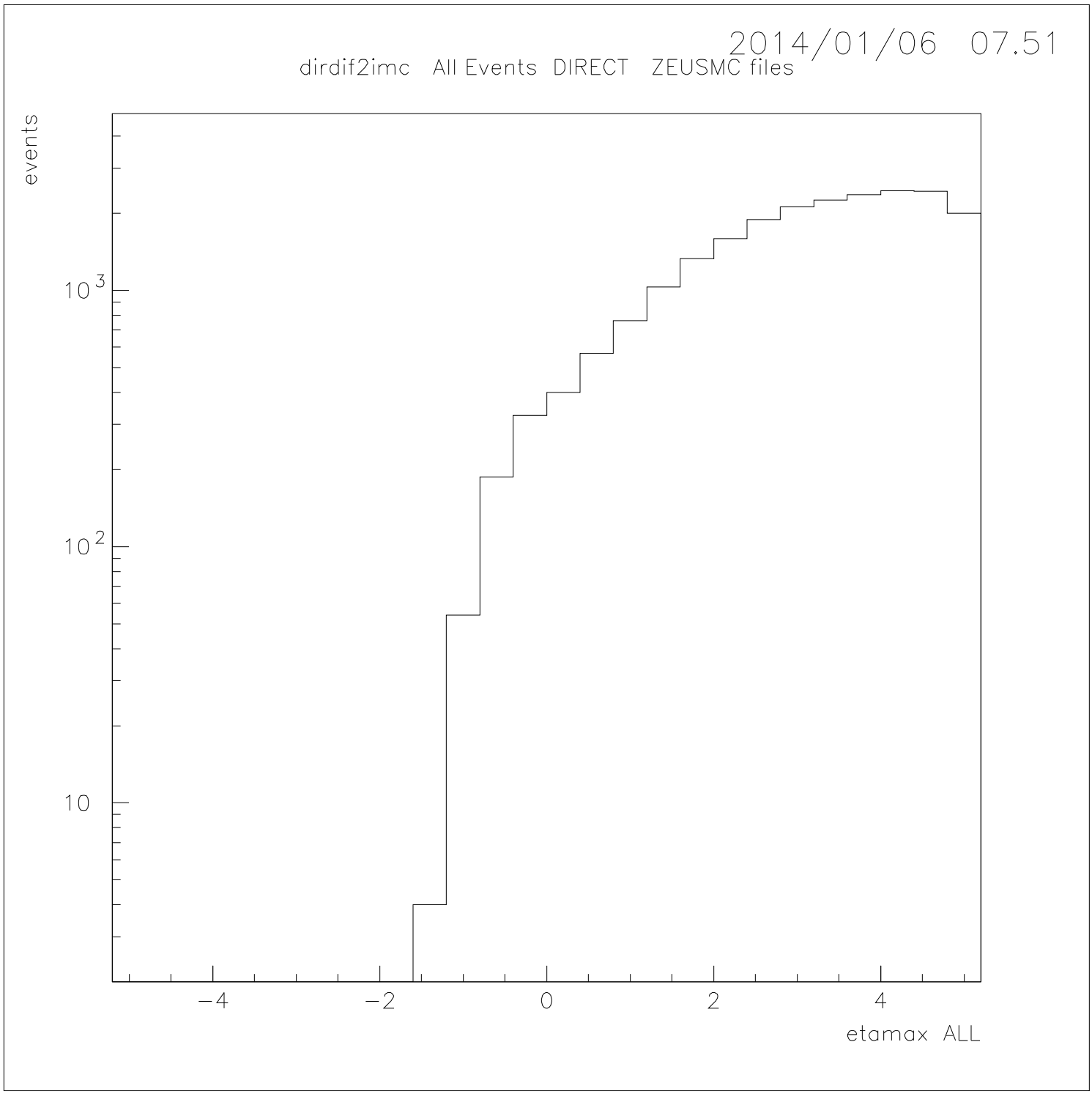
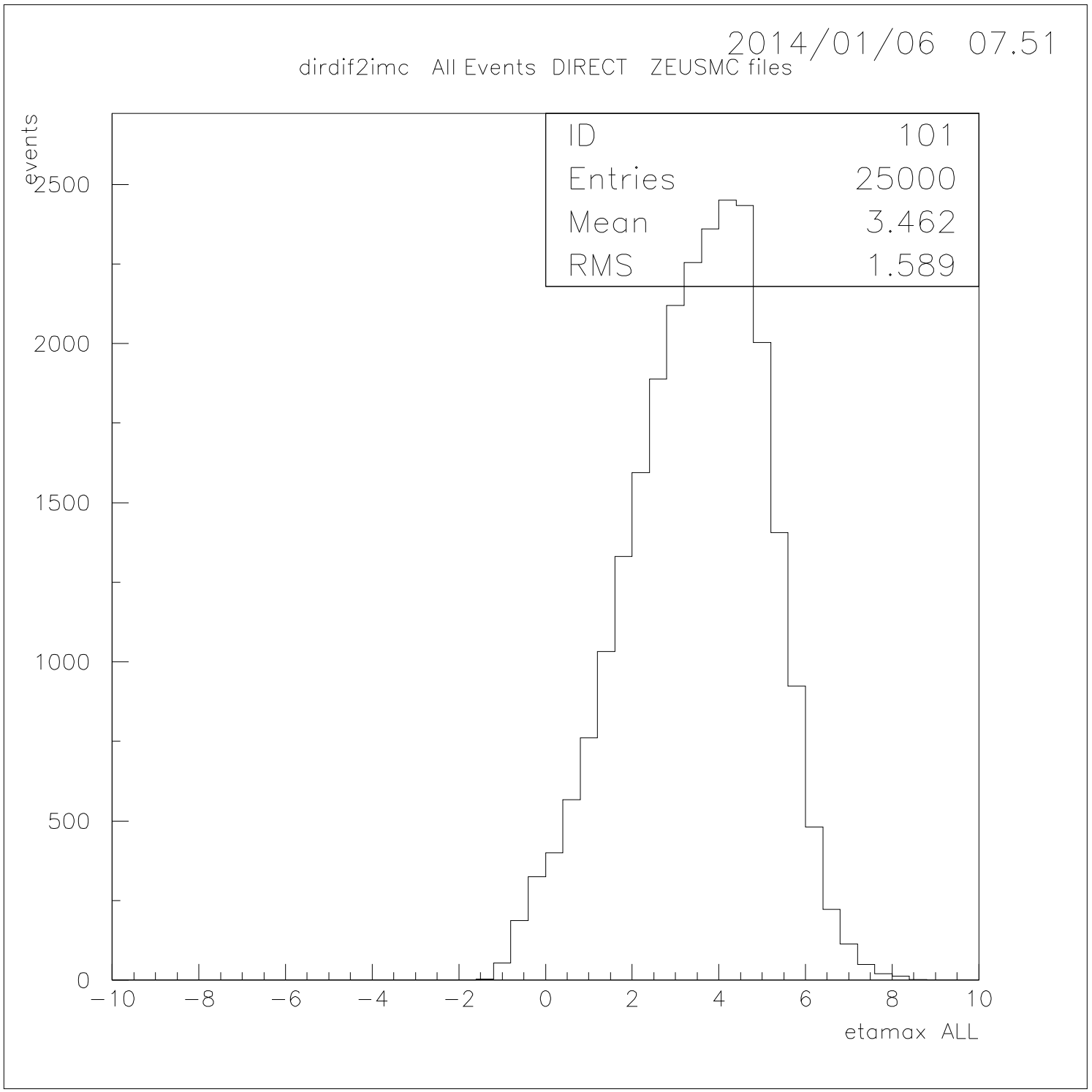
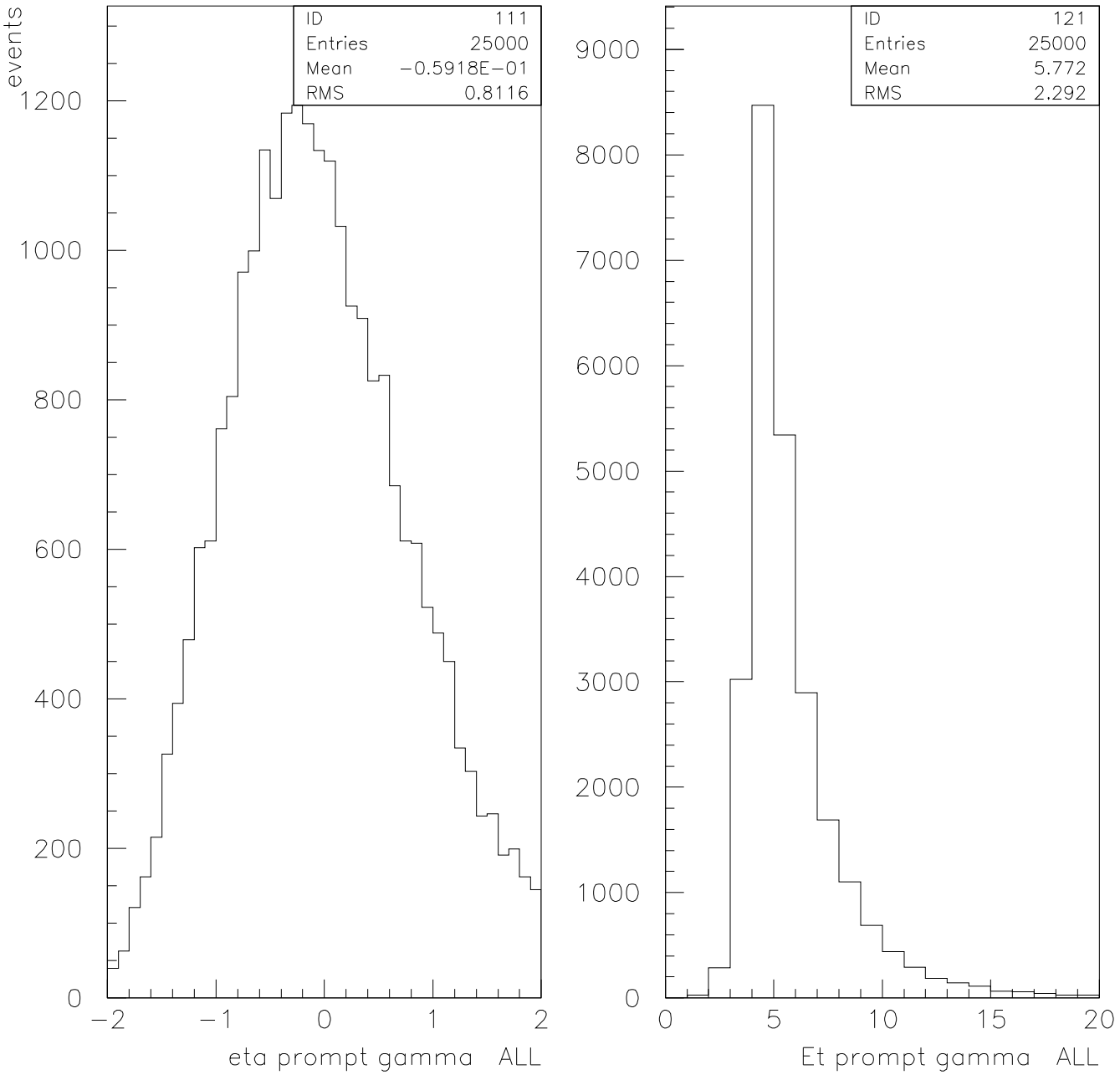

2014/01/06 07.51
dirdif2imc All Events DIRECT ZEUSMC files
events
10^3
10^2
10
−4
−2
0
2
4
etamax ALL


2014/01/06 07.51
dirdif2imc All Events DIRECT ZEUSMC files
ID 101
Entries 25000
Mean 3.462
RMS 1.589
events
2500
2000
1500
1000
500
0
−10
−8
−6
−4
−2
0
2
4
6
8
10
etamax ALL

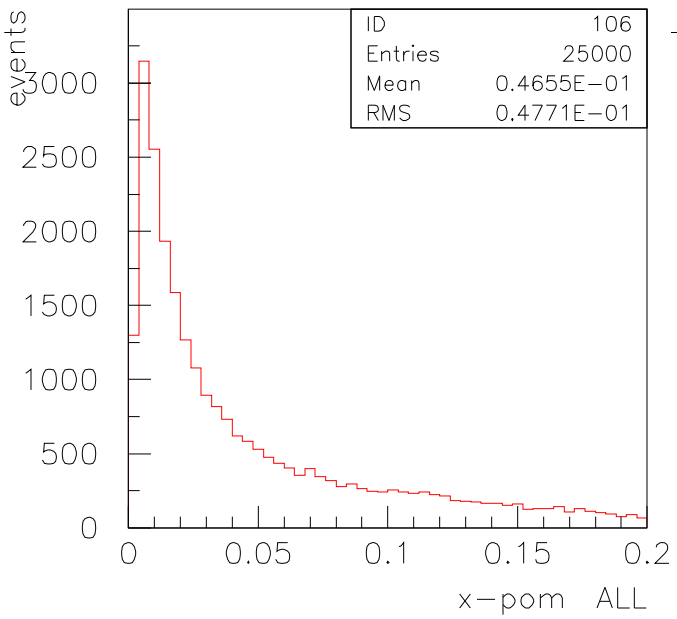
2014/01/06 07.51

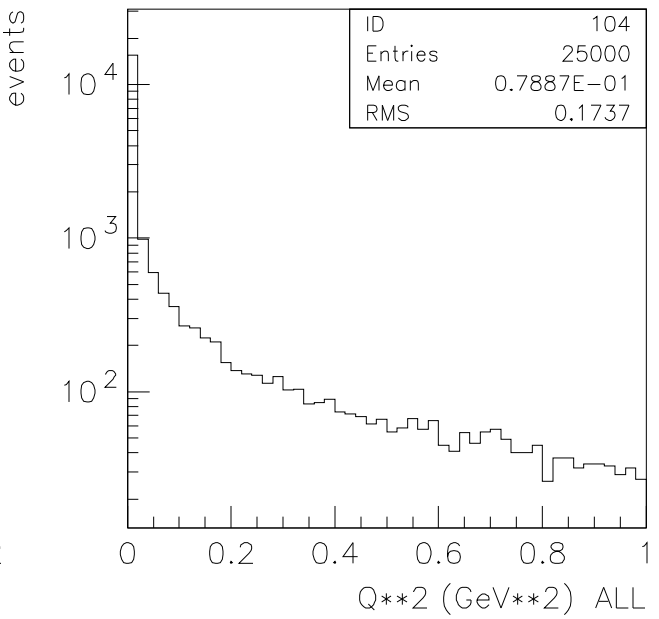
dirdif2imc All Events DIRECT ZEUSMC files

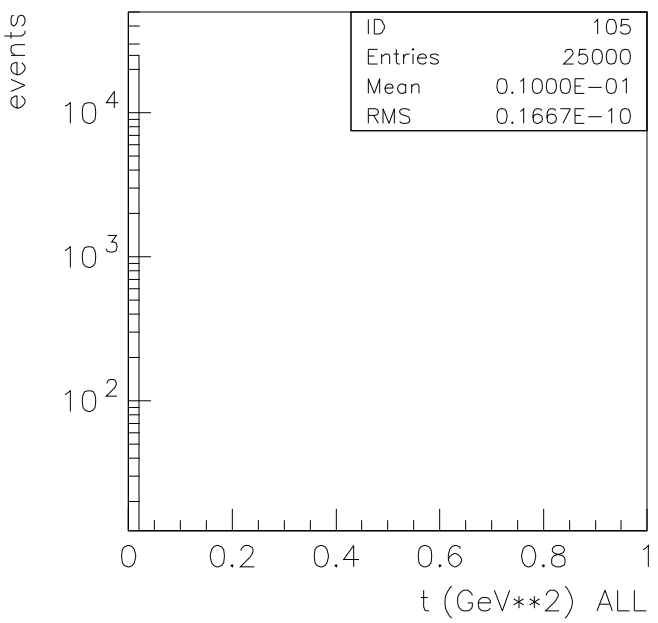


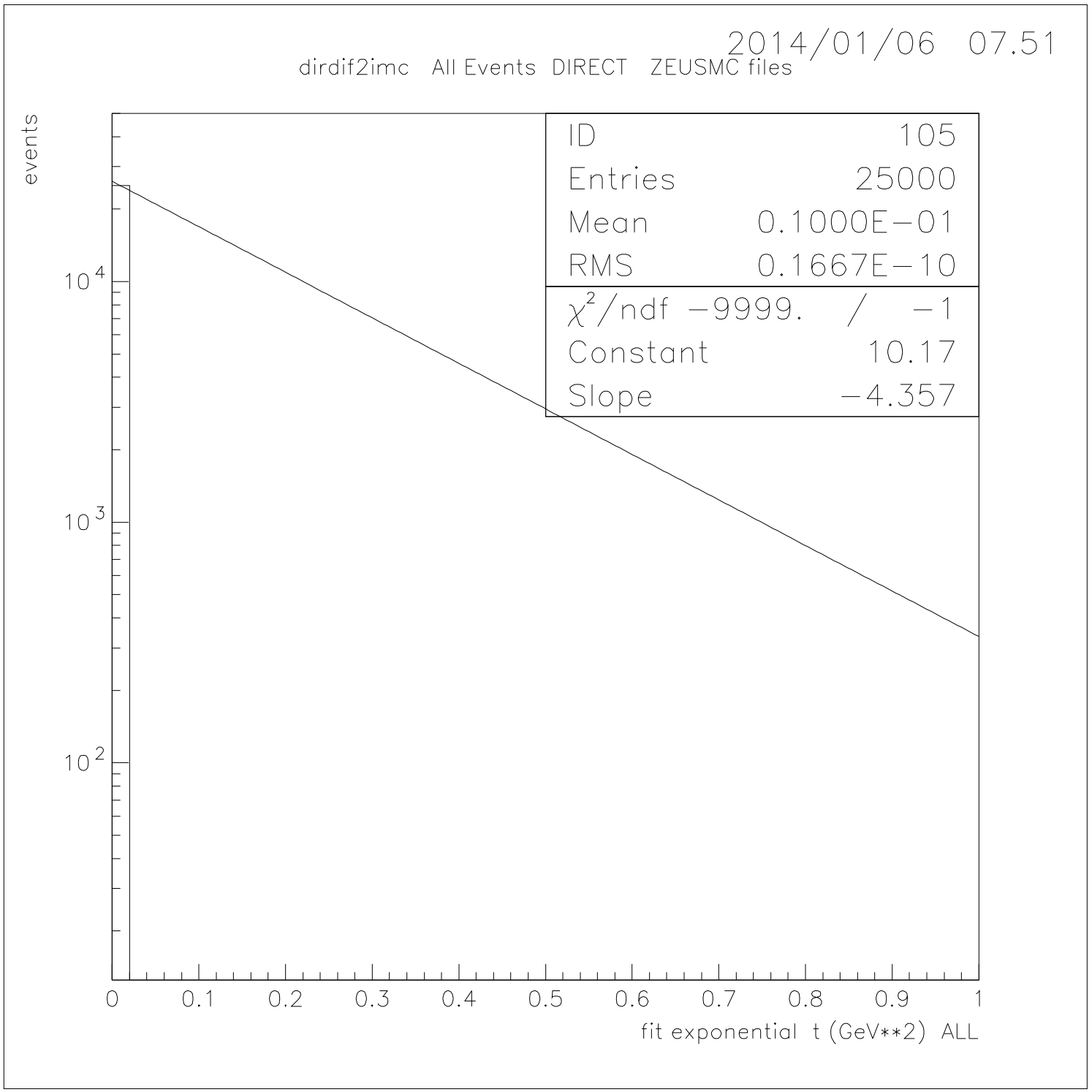
2014/01/06 07.51

dirdif2imc All Events DIRECT ZEUSMC files



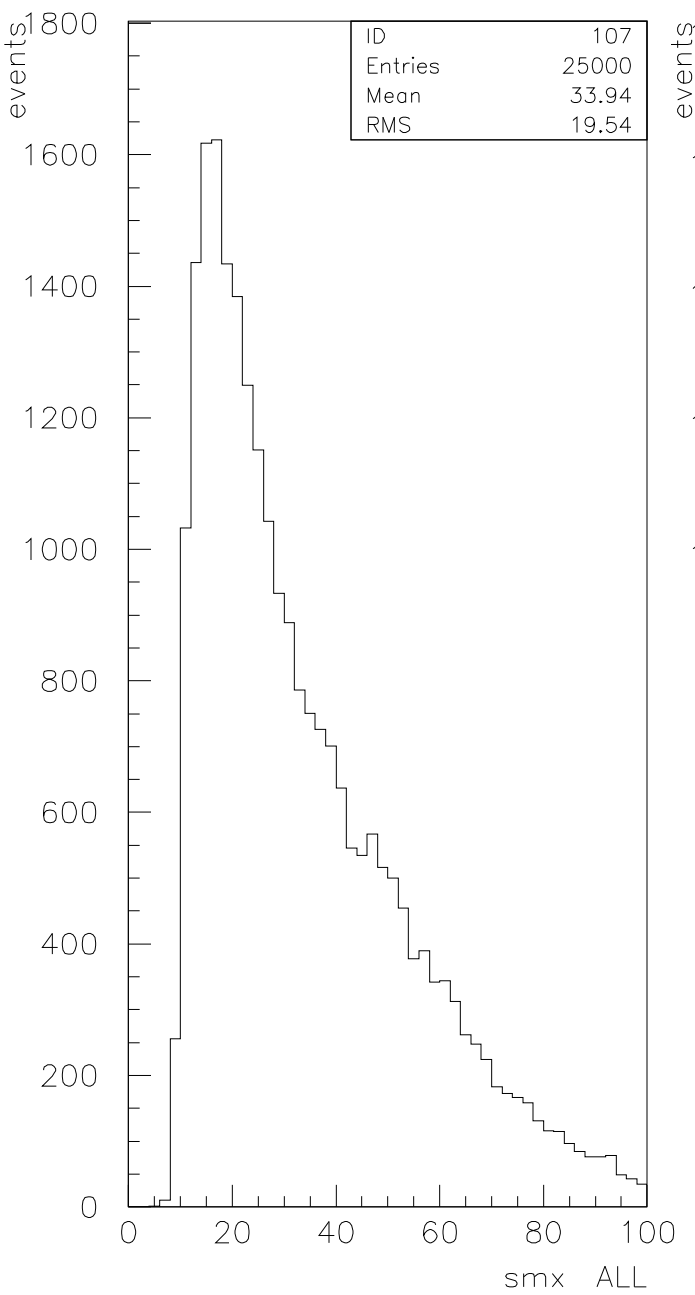


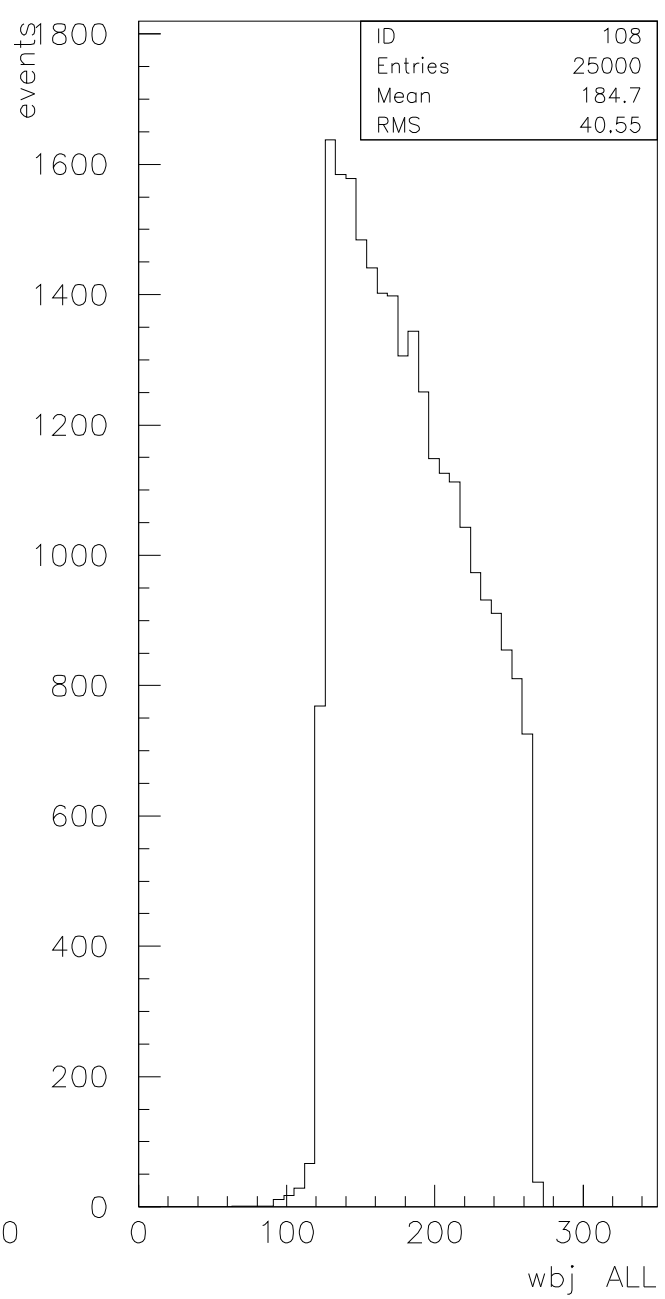


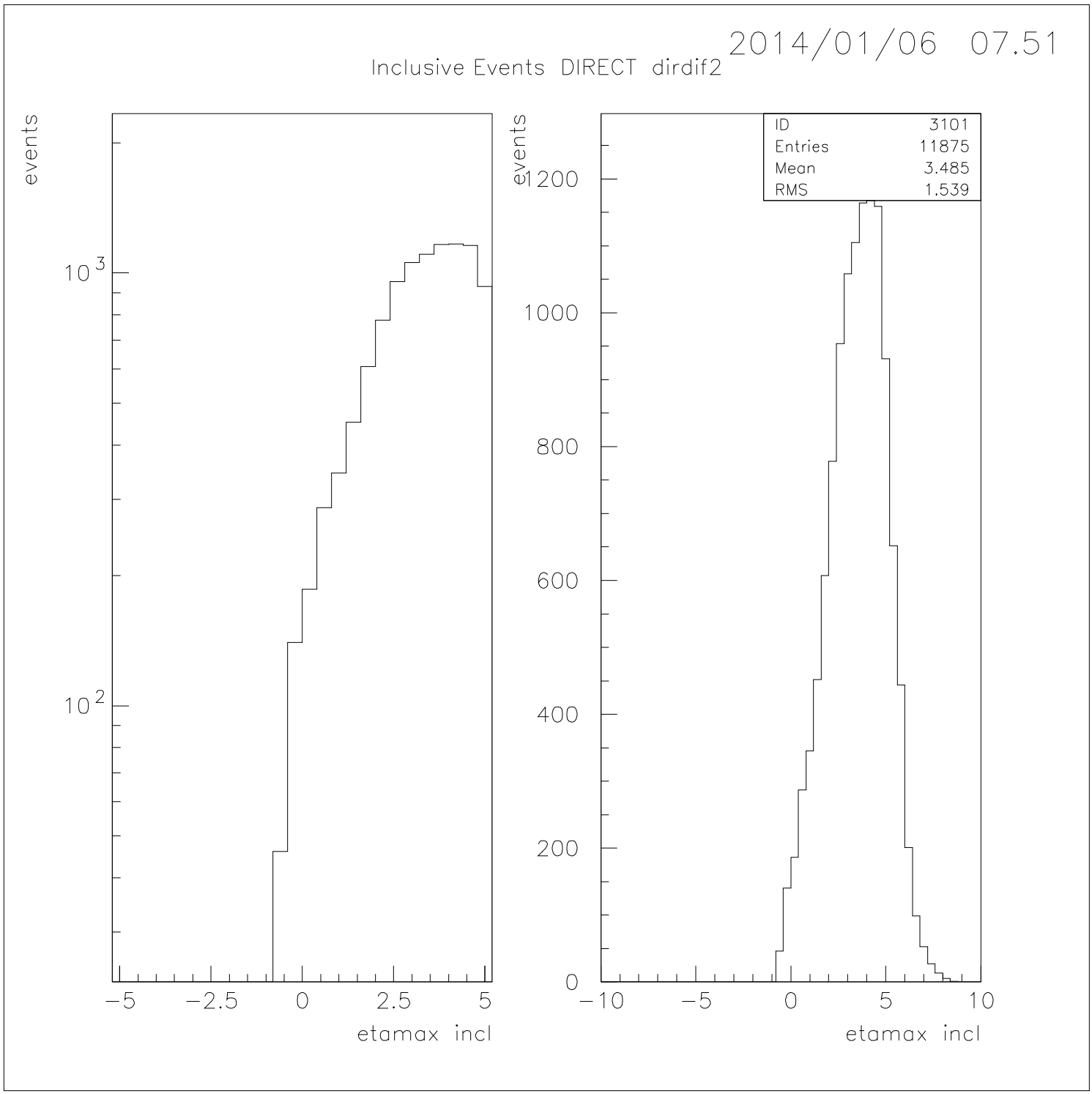

2014/01/06 07.51
dirdif2imc All Events DIRECT ZEUSMC files
events
ID 105
Entries 25000
Mean 0.1000E−01
RMS 0.1667E−10
χ²/ndf −9999. / −1
Constant 10.17
Slope −4.357
10⁴
10³
10²
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
fit exponential t (GeV**2) ALL

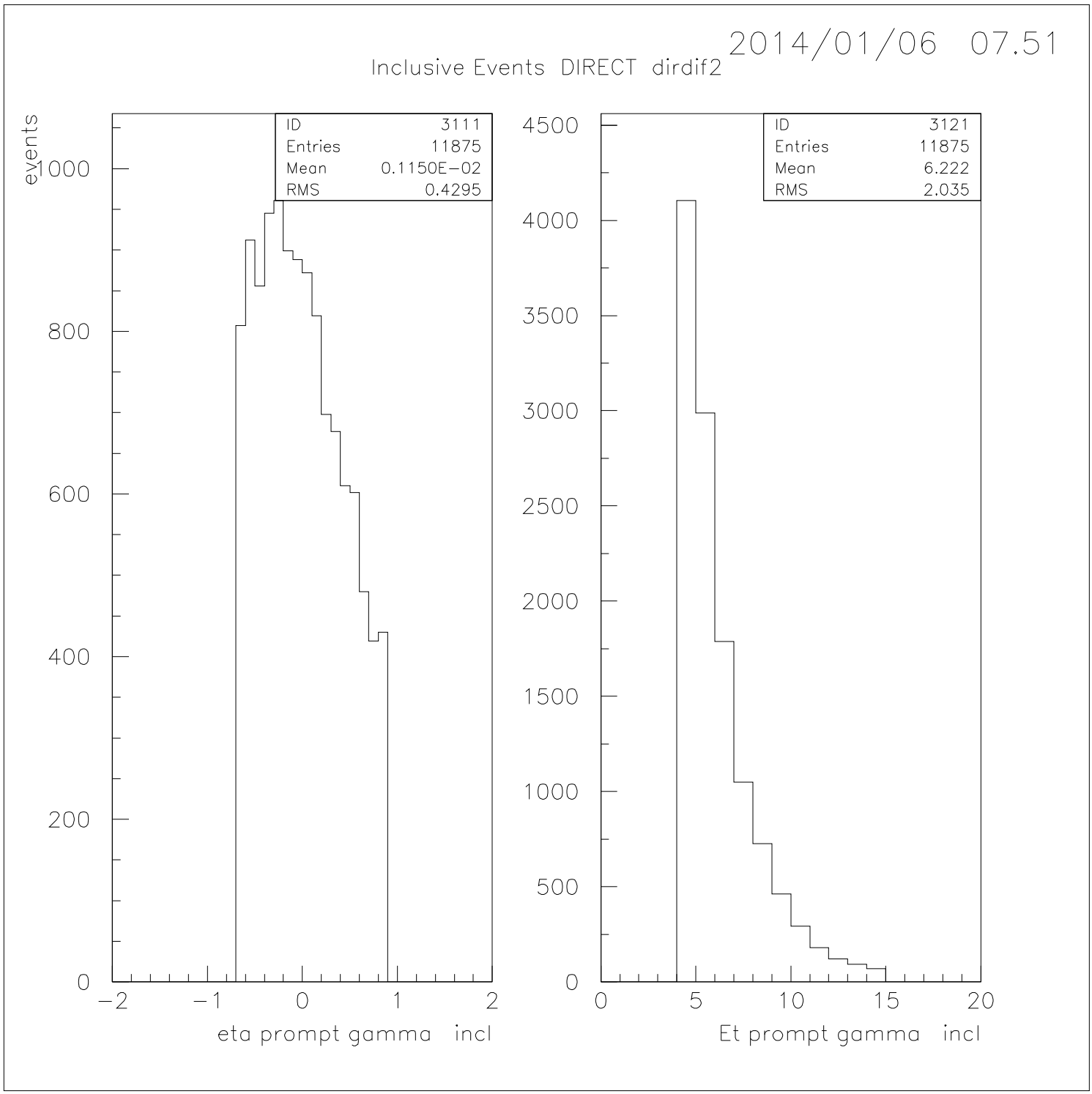
2014/01/06 07.51

dirdif2imc All Events DIRECT ZEUSMC files



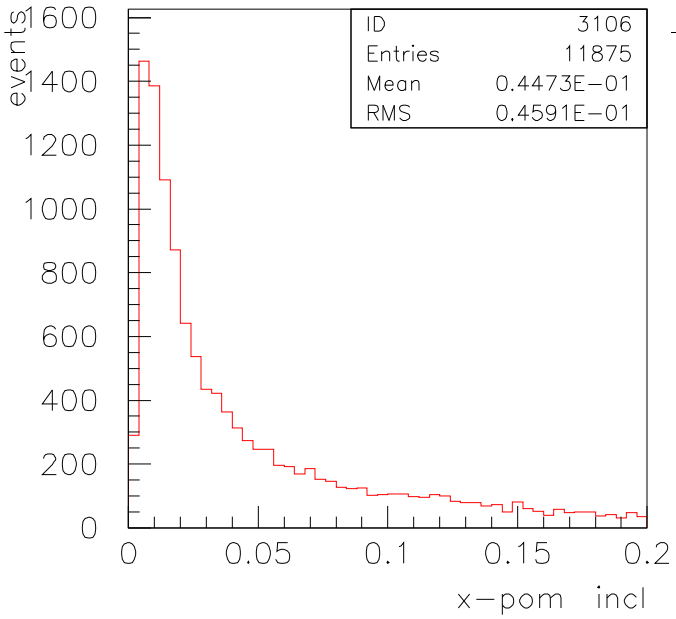


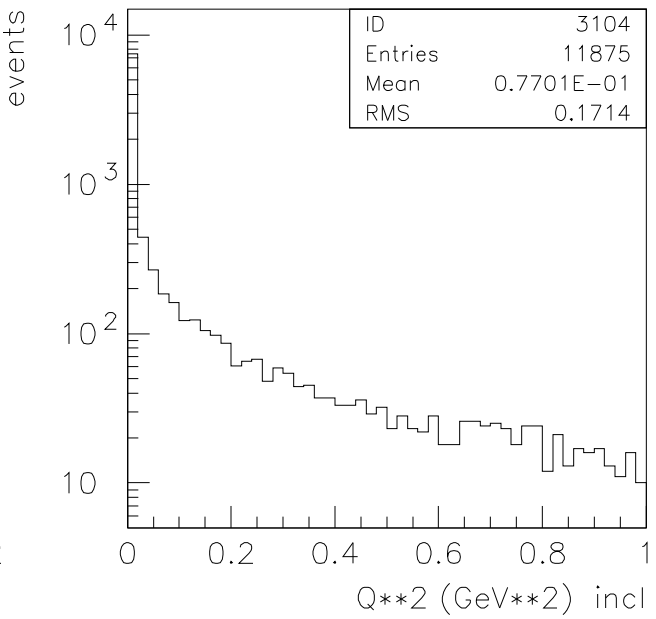

2014/01/06 07.51
Inclusive Events DIRECT dirdif2
events
10^3
10^2
−5
−2.5
0
2.5
5
etamax incl
events
1200
1000
800
600
400
200
0
−10
−5
0
5
10
etamax incl
ID 3101
Entries 11875
Mean 3.485
RMS 1.539

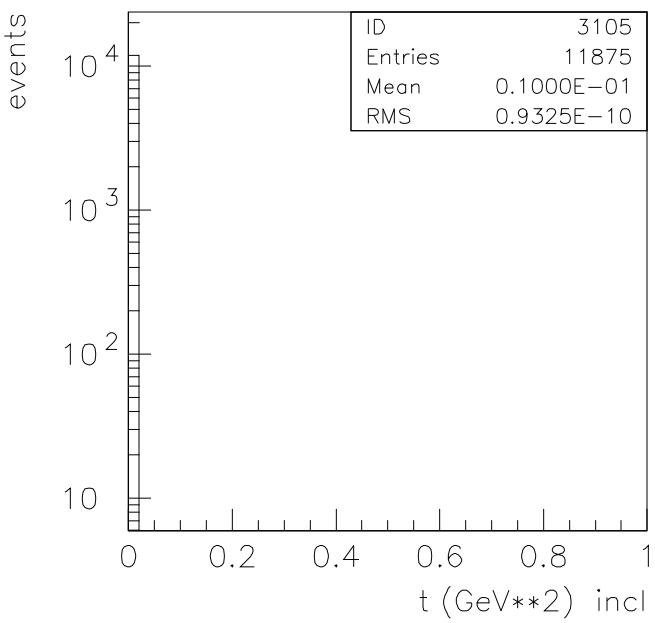

2014/01/06 07.51
Inclusive Events DIRECT dirdif2
events
ID 3111
Entries 11875
Mean 0.1150E−02
RMS 0.4295
eta prompt gamma incl
ID 3121
Entries 11875
Mean 6.222
RMS 2.035
Et prompt gamma incl

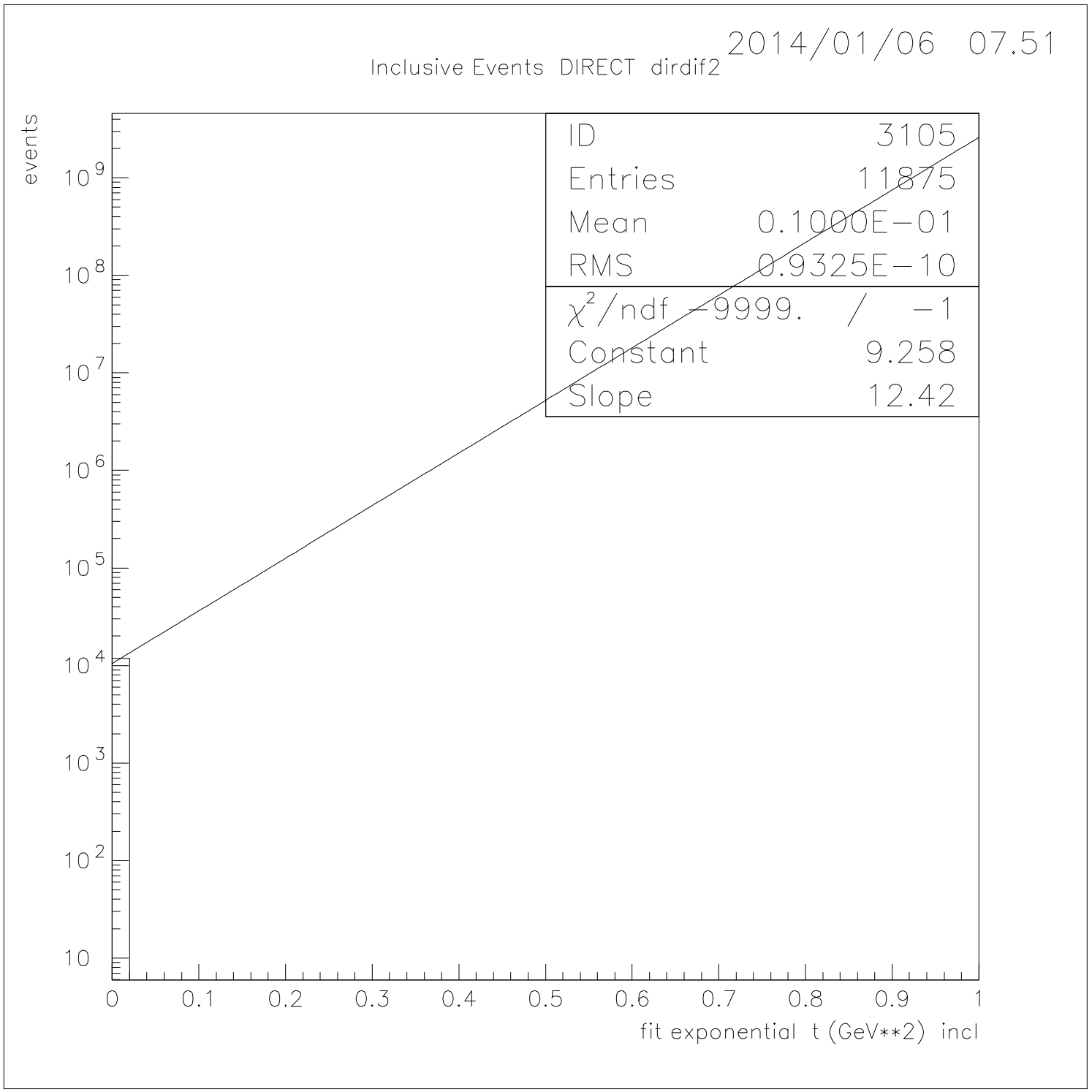
2014/01/06 07.51

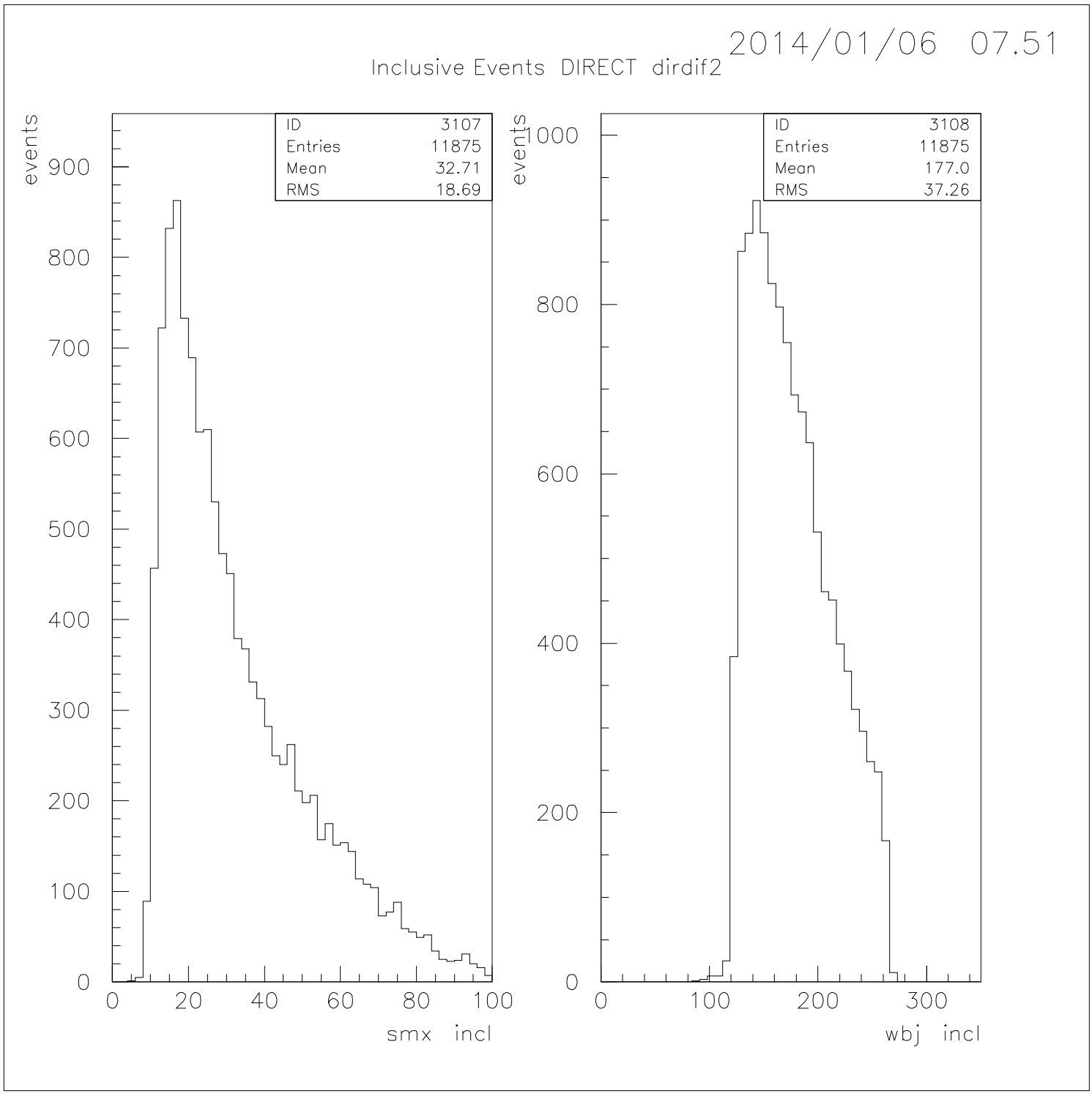
Inclusive Events DIRECT dirdif2

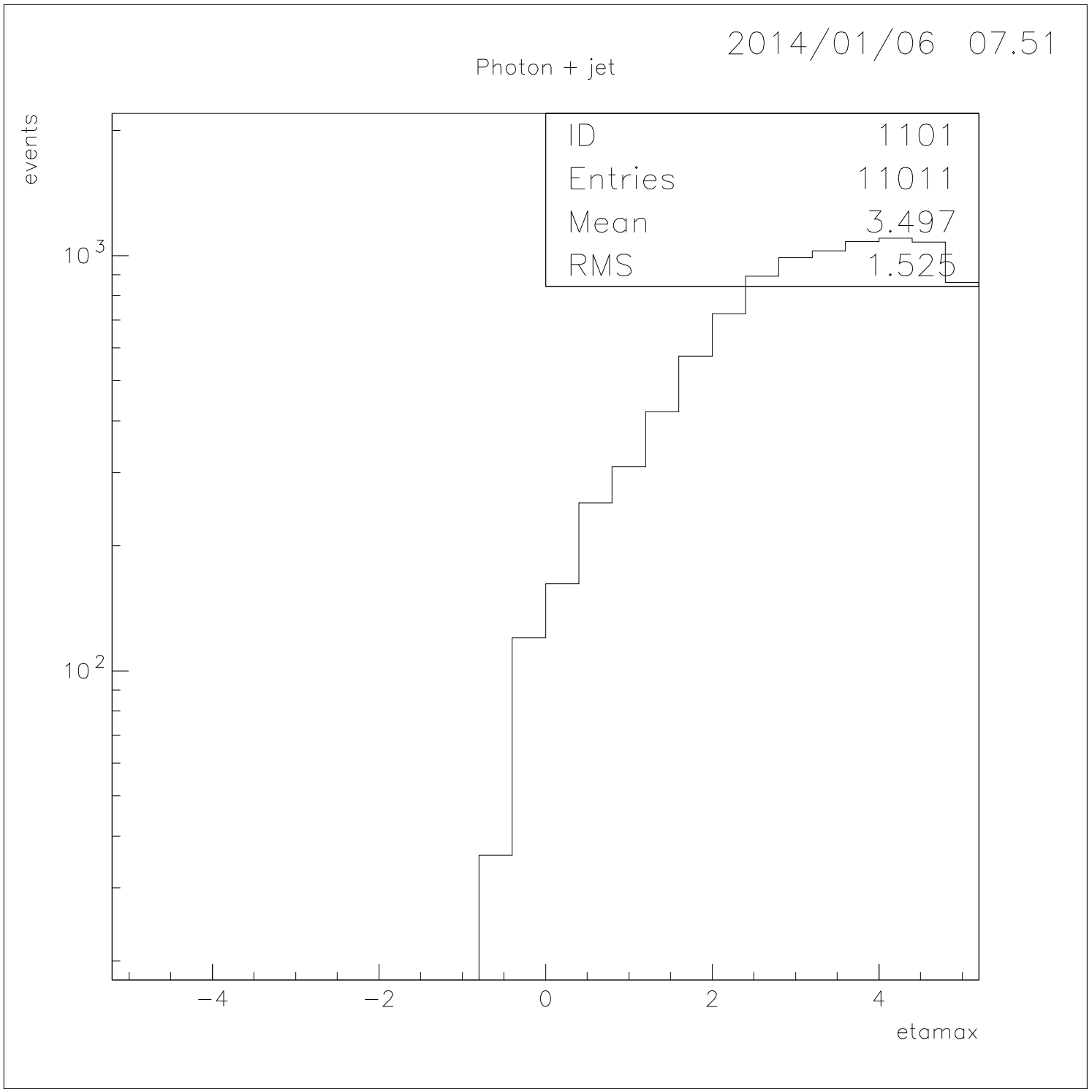






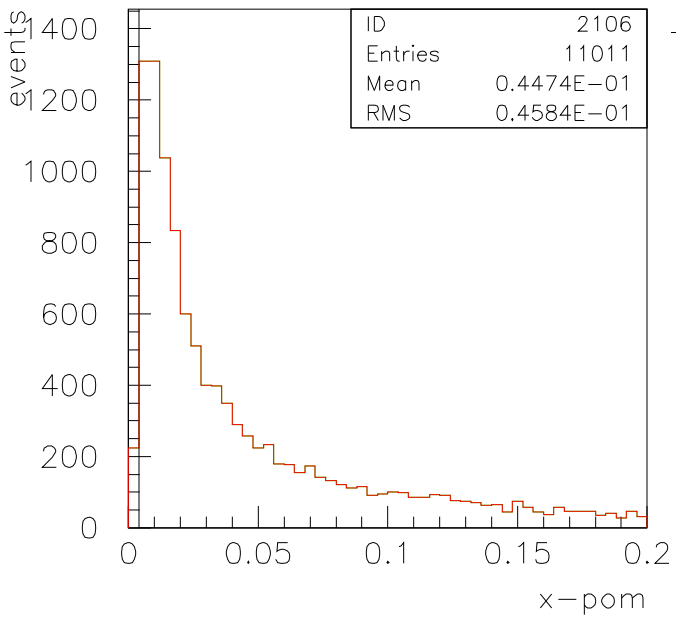

2014/01/06 07.51
Inclusive Events DIRECT dirdif2
events
ID 3105
Entries 11875
Mean 0.1000E-01
RMS 0.9325E-10
χ²/ndf -9999. / -1
Constant 9.258
Slope 12.42
10⁹
10⁸
10⁷
10⁶
10⁵
10⁴
10³
10²
10
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
fit exponential t (GeV**2) incl

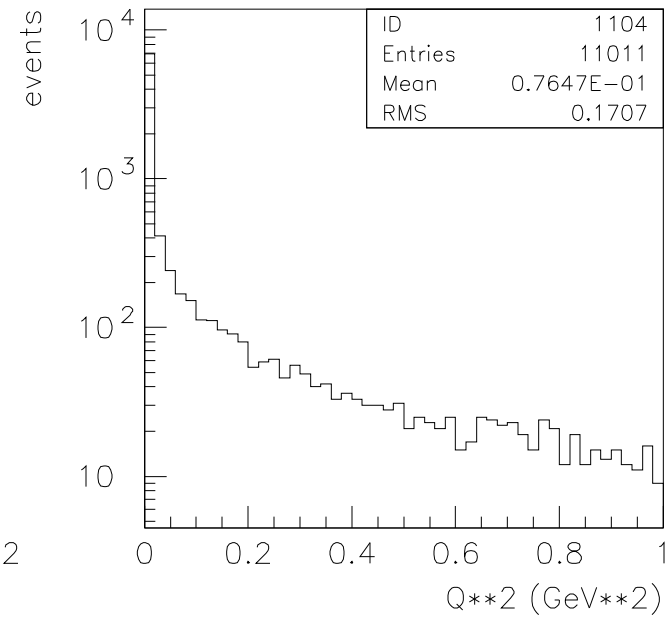

2014/01/06 07.51
Inclusive Events DIRECT dirdif2
events
ID 3107
Entries 11875
Mean 32.71
RMS 18.69
smx incl
events
ID 3108
Entries 11875
Mean 177.0
RMS 37.26
wbj incl

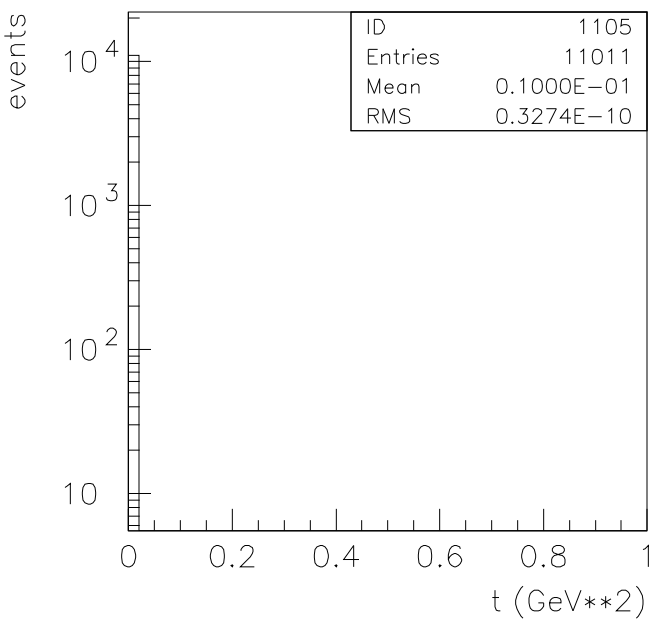

2014/01/06 07.51
Photon + jet
events
ID 1101
Entries 11011
Mean 3.497
RMS 1.525
10^3
10^2
−4
−2
0
2
4
etamax

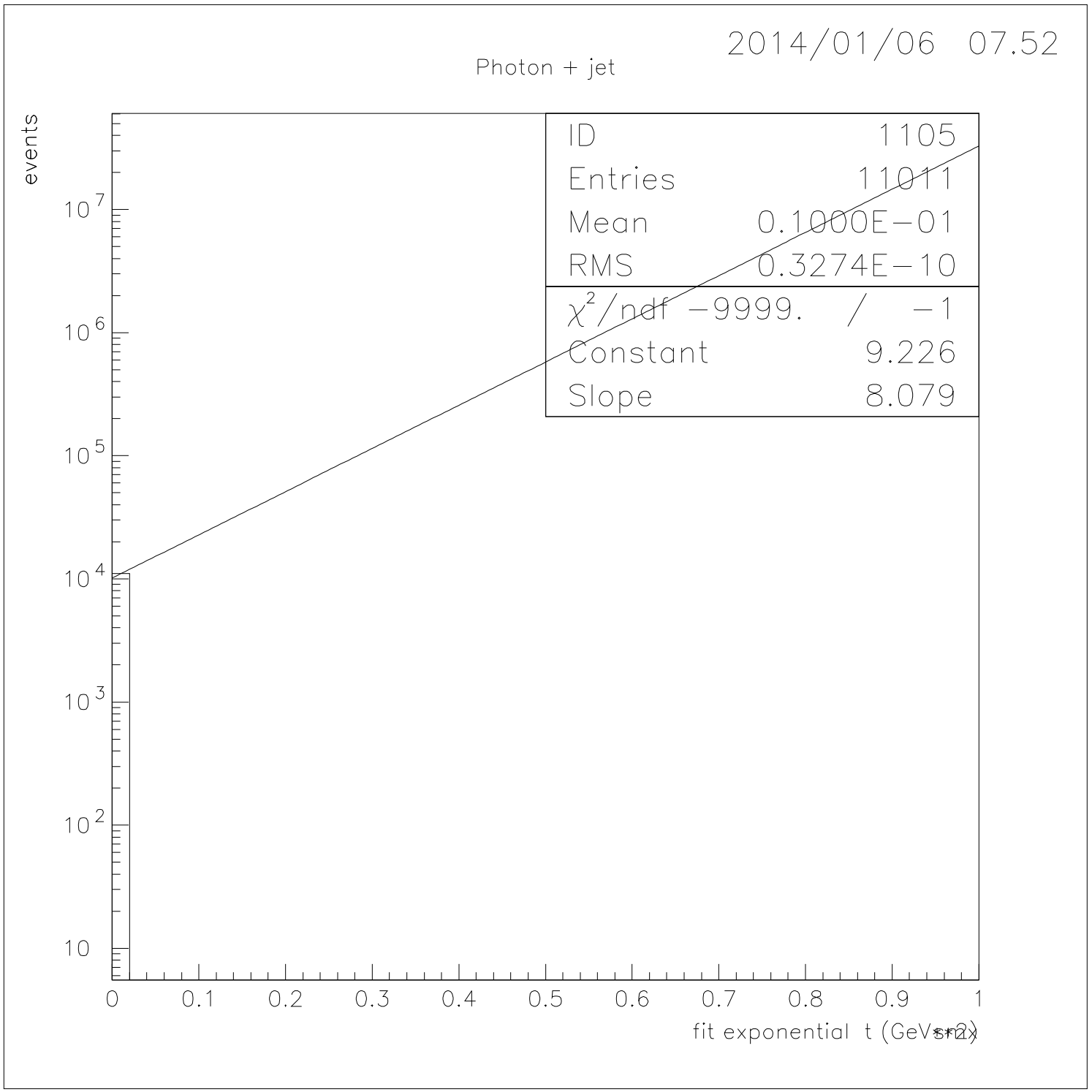
2014/01/06 07.51

Photon + jet



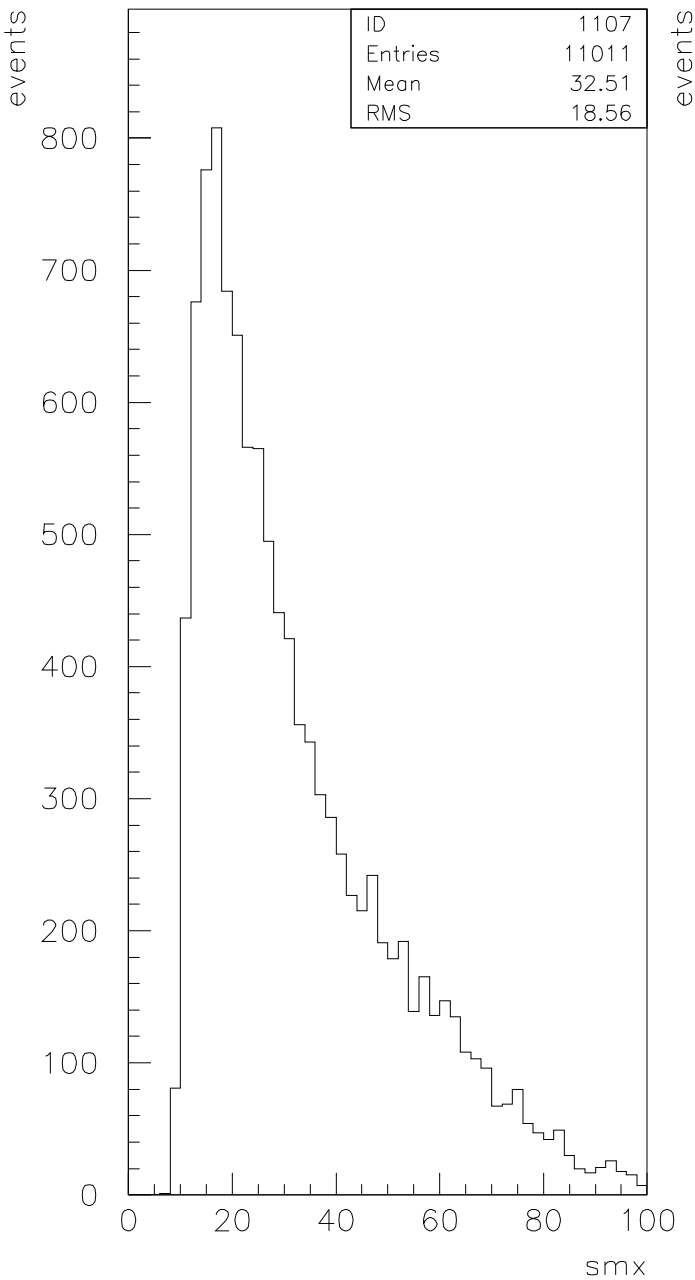


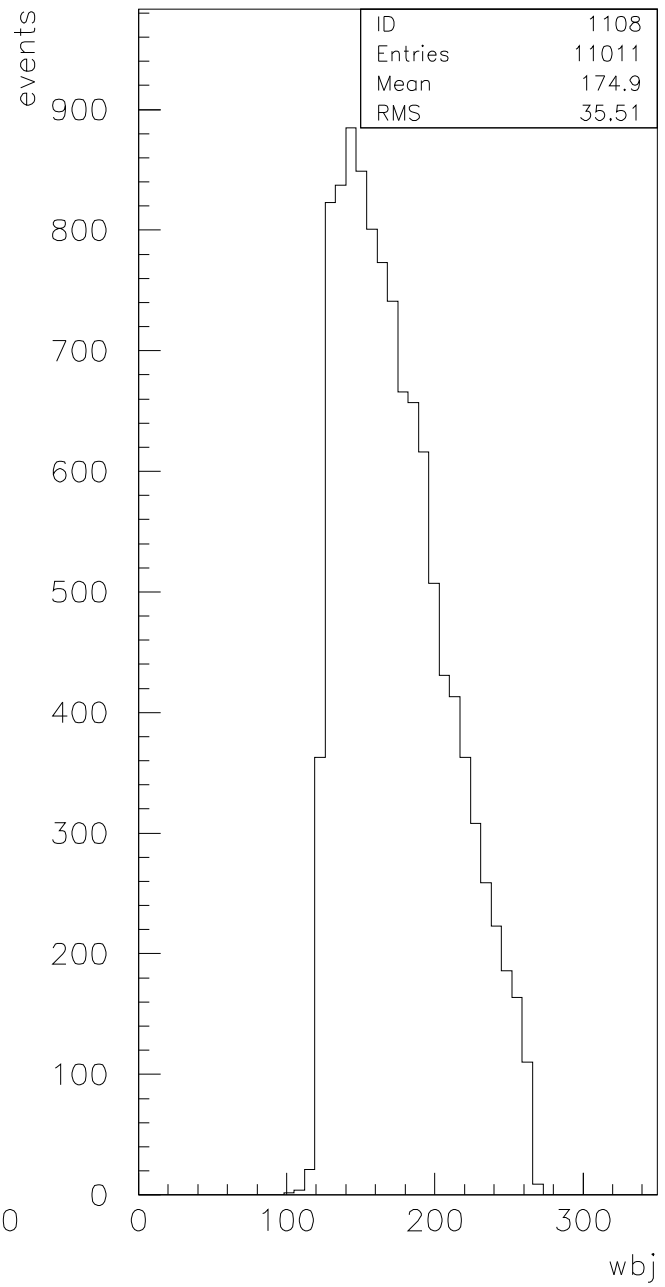



2014/01/06 07.52
Photon + jet
events
ID 1105
Entries 11011
Mean 0.1000E−01
RMS 0.3274E−10
χ²/ndf −9999. / −1
Constant 9.226
Slope 8.079
10⁷
10⁶
10⁵
10⁴
10³
10²
10
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
fit exponential t (GeV**2)

2014/01/06 07.52

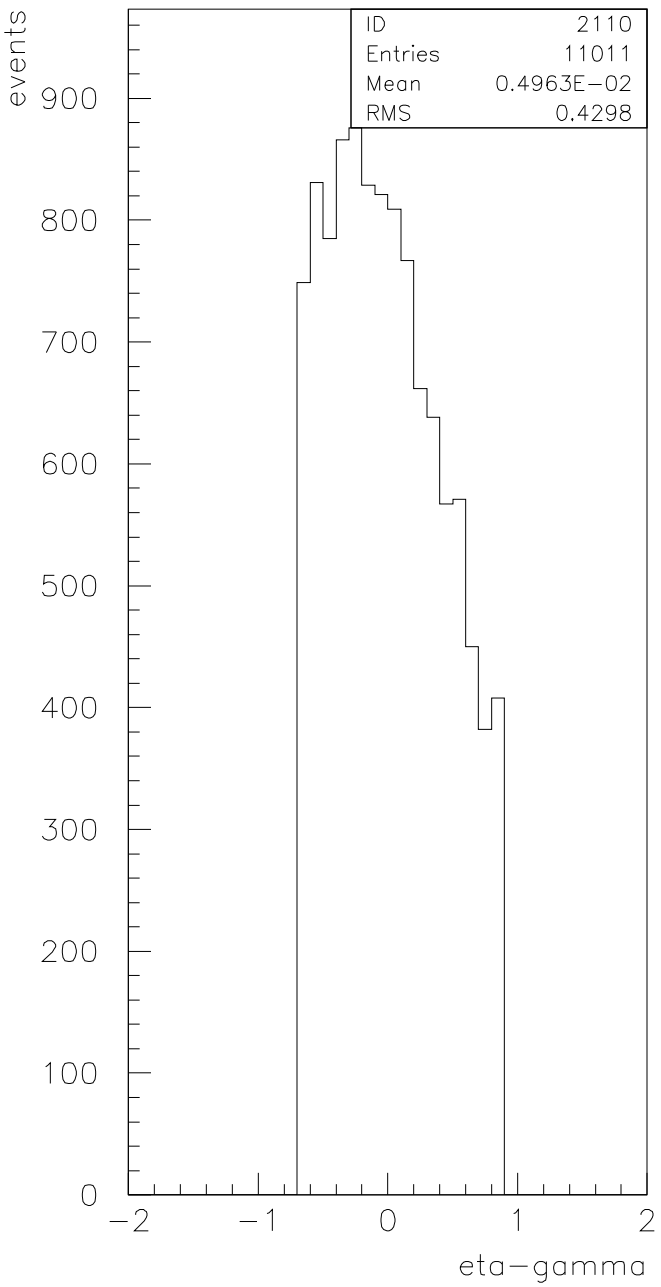
Photon + jet

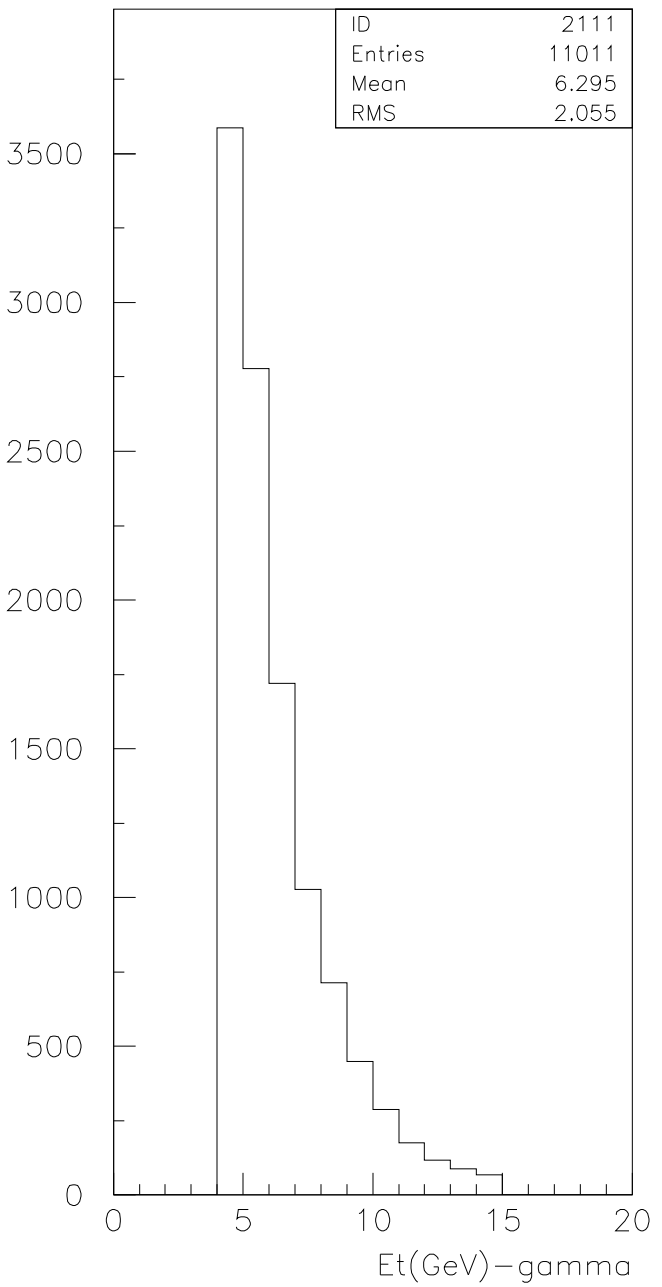


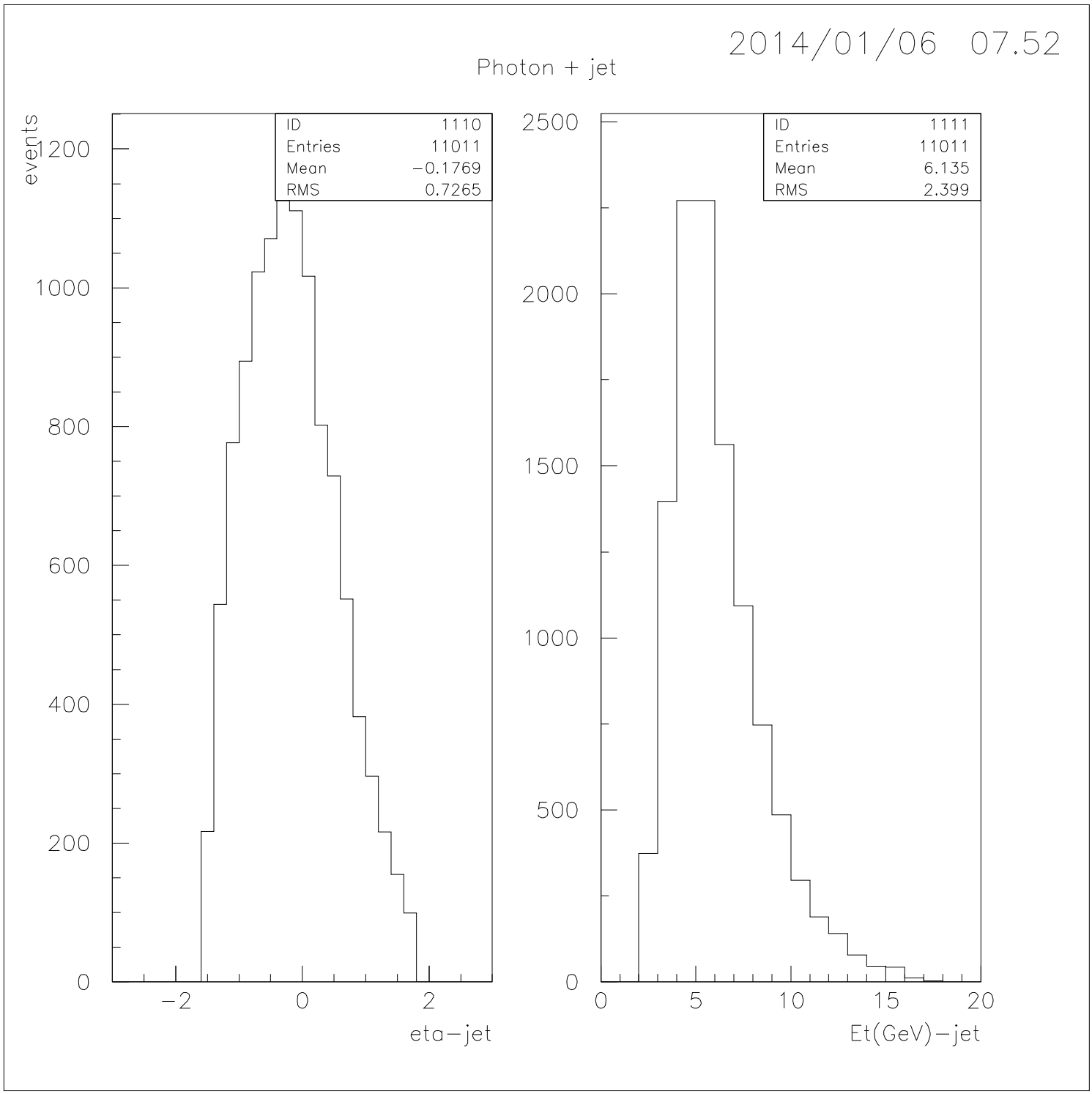


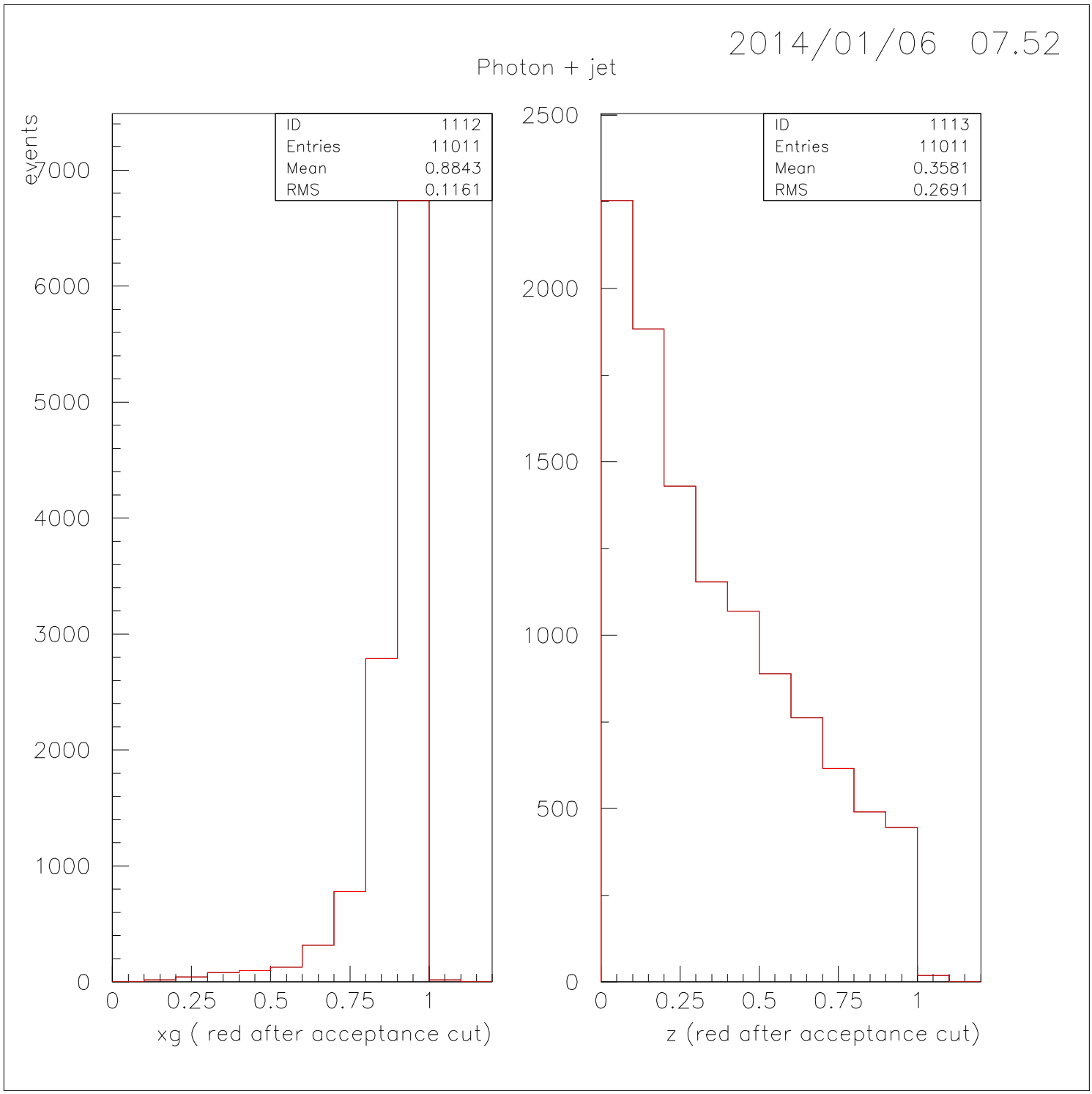
2014/01/06 07.52

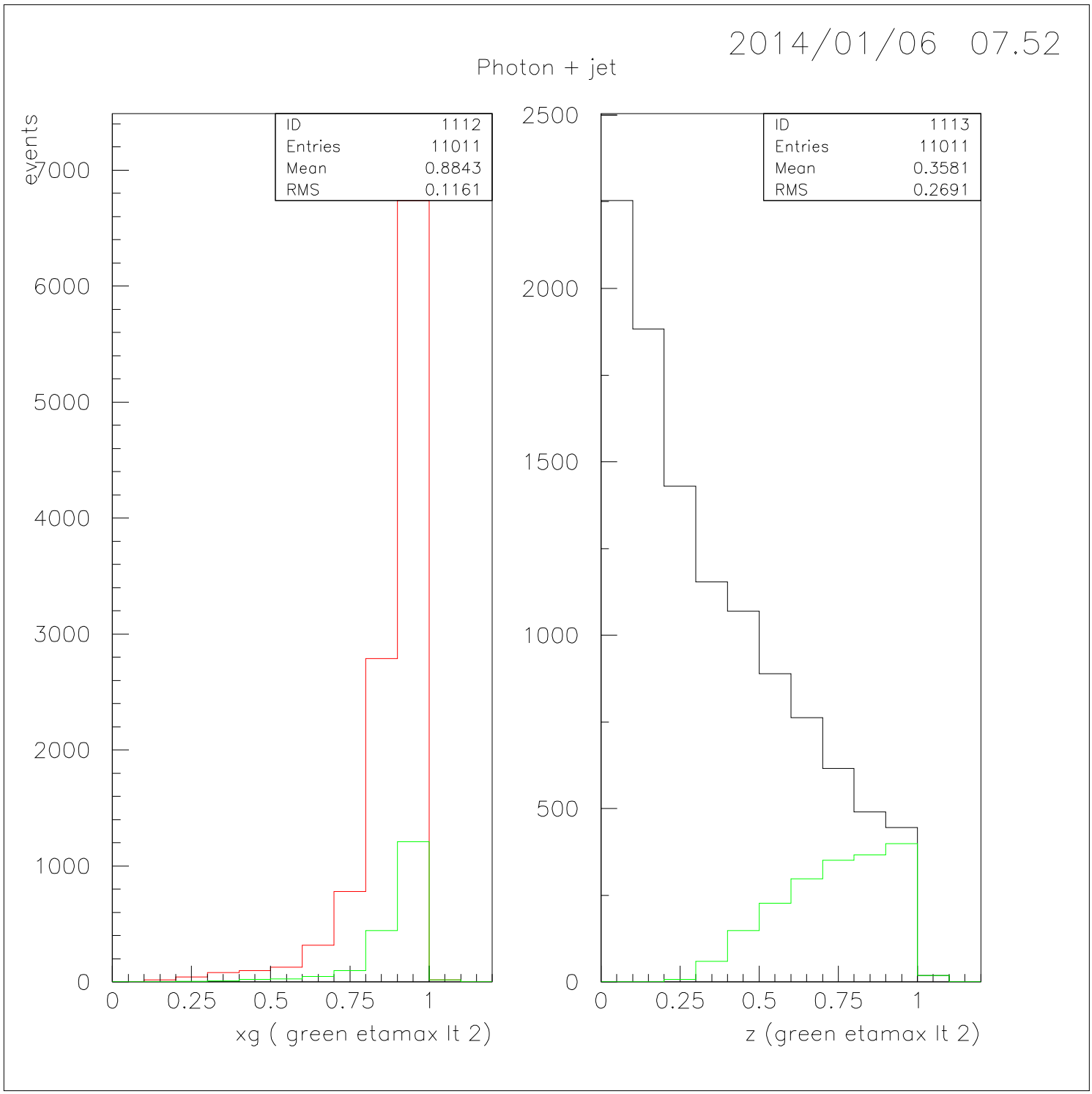
Photon + jet





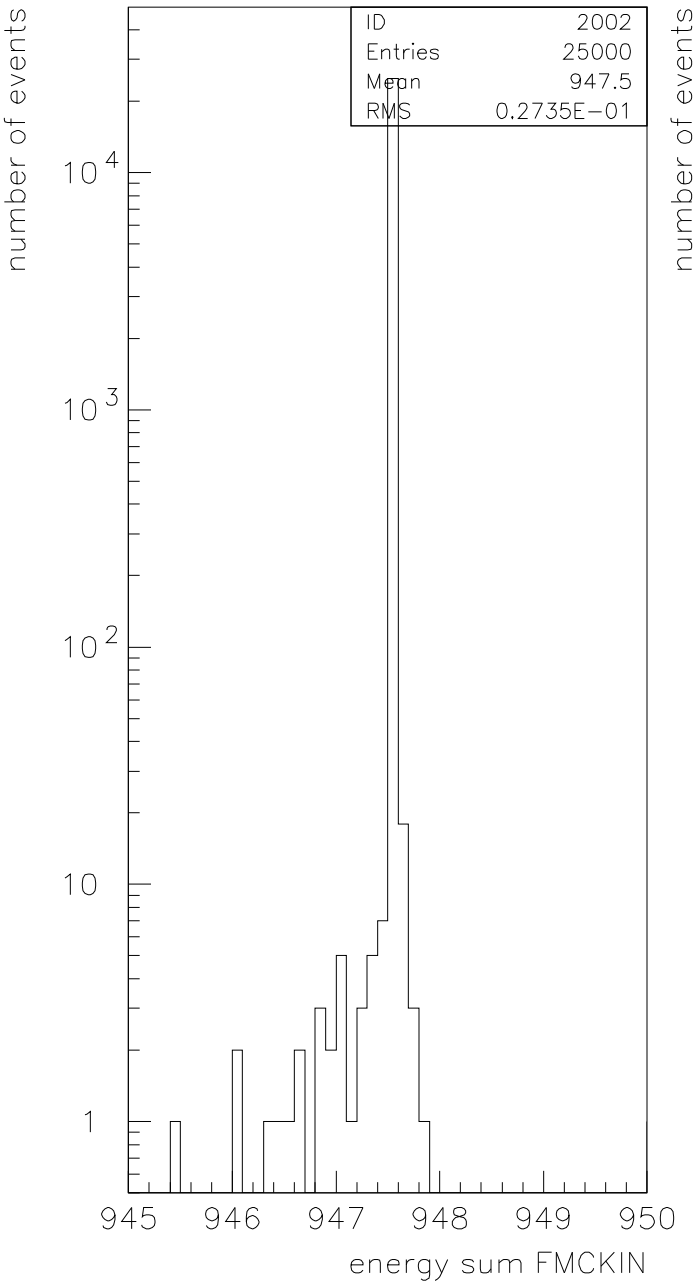

2014/01/06 07.52
Photon + jet
events
ID 1110
Entries 11011
Mean −0.1769
RMS 0.7265
0
200
400
600
800
1000
1200
−2
0
2
eta−jet
ID 1111
Entries 11011
Mean 6.135
RMS 2.399
0
500
1000
1500
2000
2500
0
5
10
15
20
Et(GeV)−jet

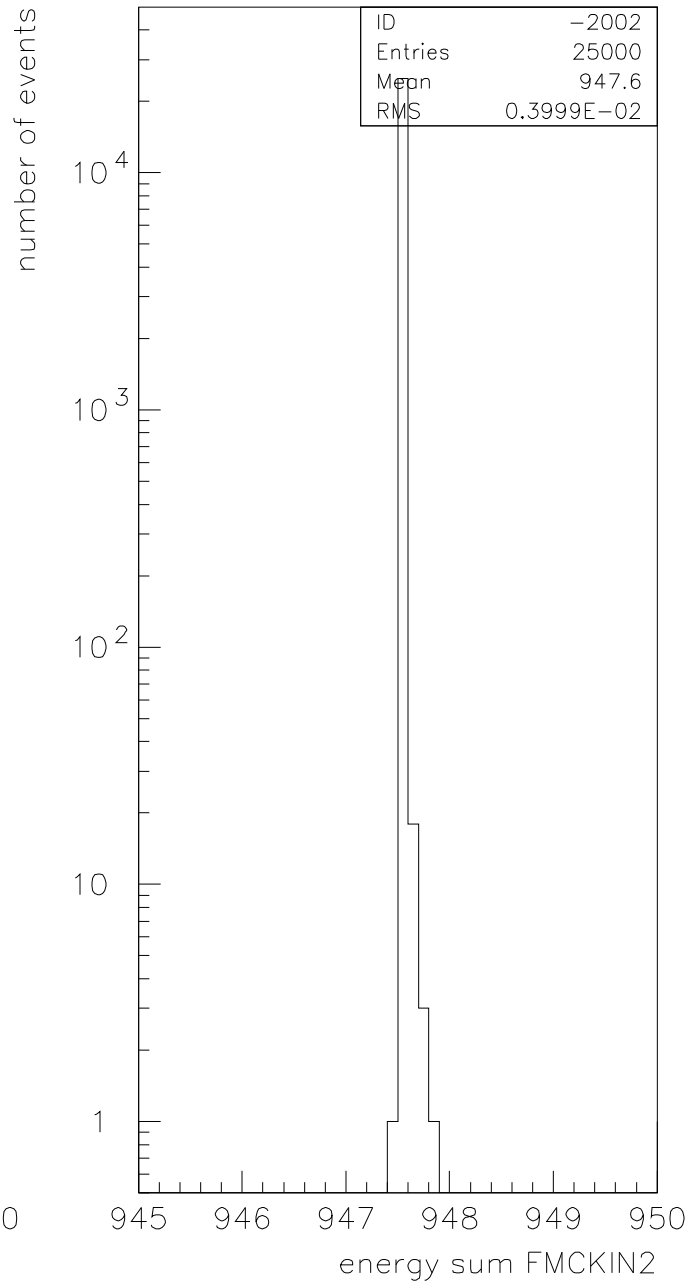

2014/01/06 07.52
Photon + jet
events
ID 1112
Entries 11011
Mean 0.8843
RMS 0.1161
7000
6000
5000
4000
3000
2000
1000
0
0 0.25 0.5 0.75 1
xg (red after acceptance cut)
ID 1113
Entries 11011
Mean 0.3581
RMS 0.2691
2500
2000
1500
1000
500
0
0 0.25 0.5 0.75 1
z (red after acceptance cut)


2014/01/06 07.52
Photon + jet
events
ID 1112
Entries 11011
Mean 0.8843
RMS 0.1161
xg (green etamax lt 2)
ID 1113
Entries 11011
Mean 0.3581
RMS 0.2691
z (green etamax lt 2)

2014/01/06 07.52

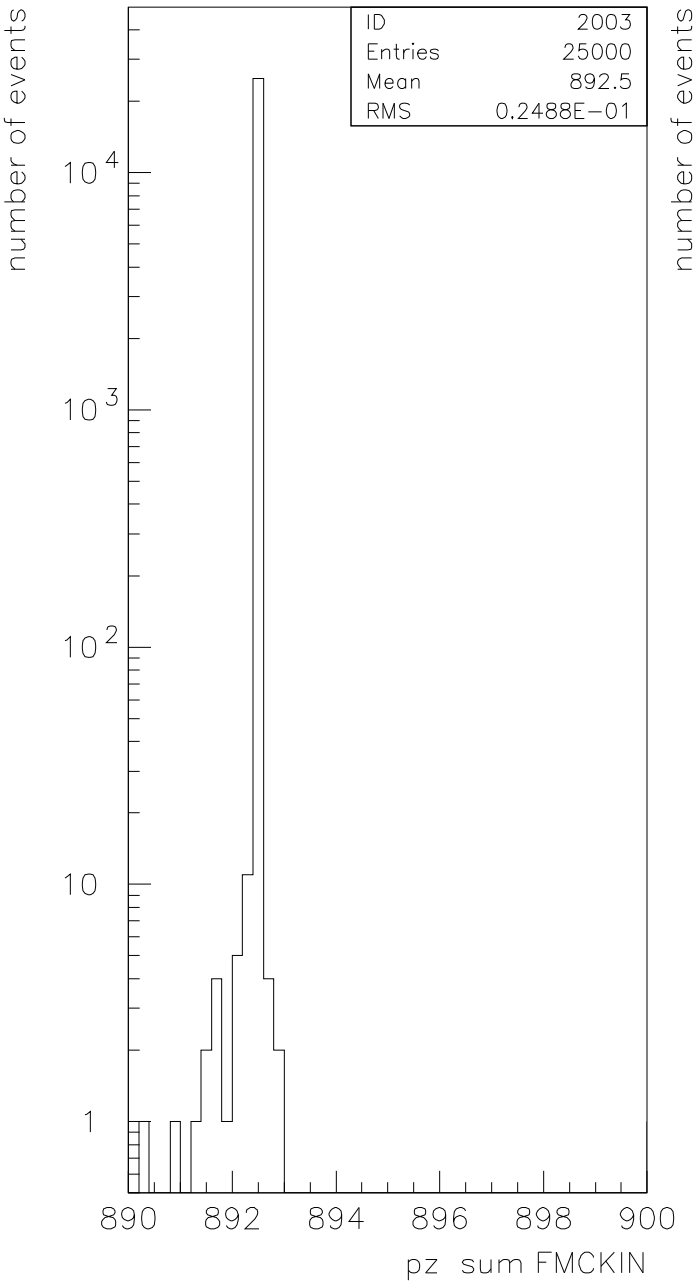
Photon + jet

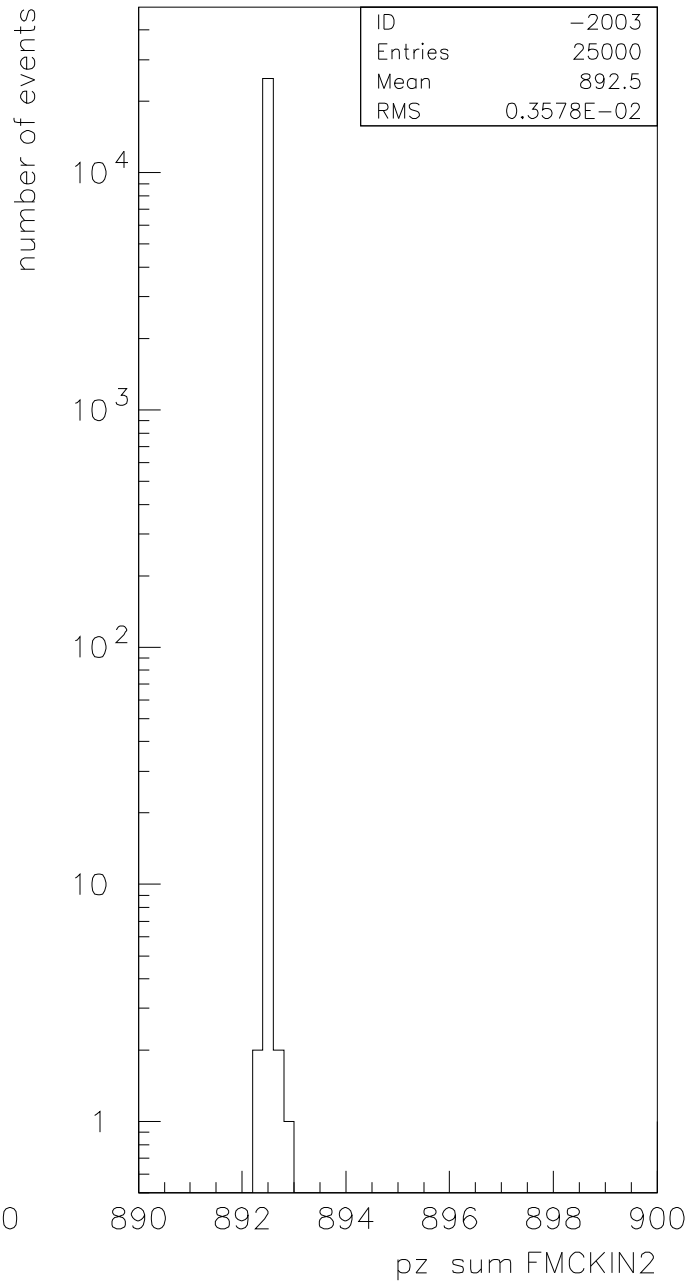




2014/01/06 07.52

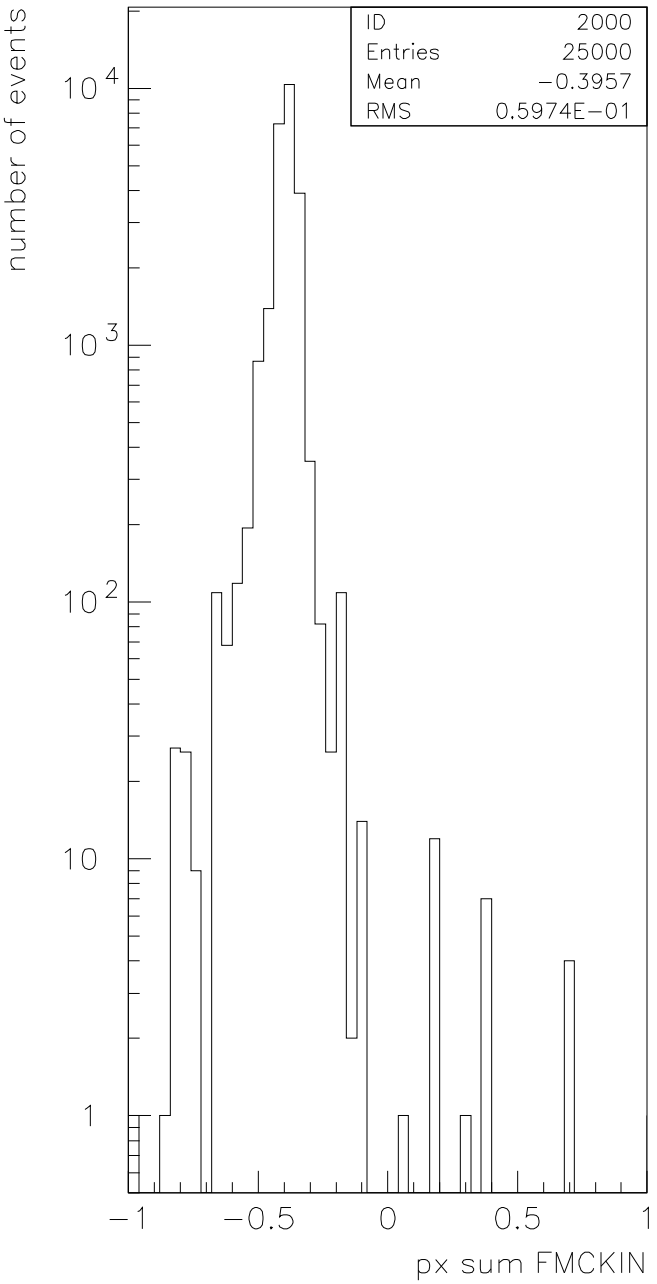
Photon + jet

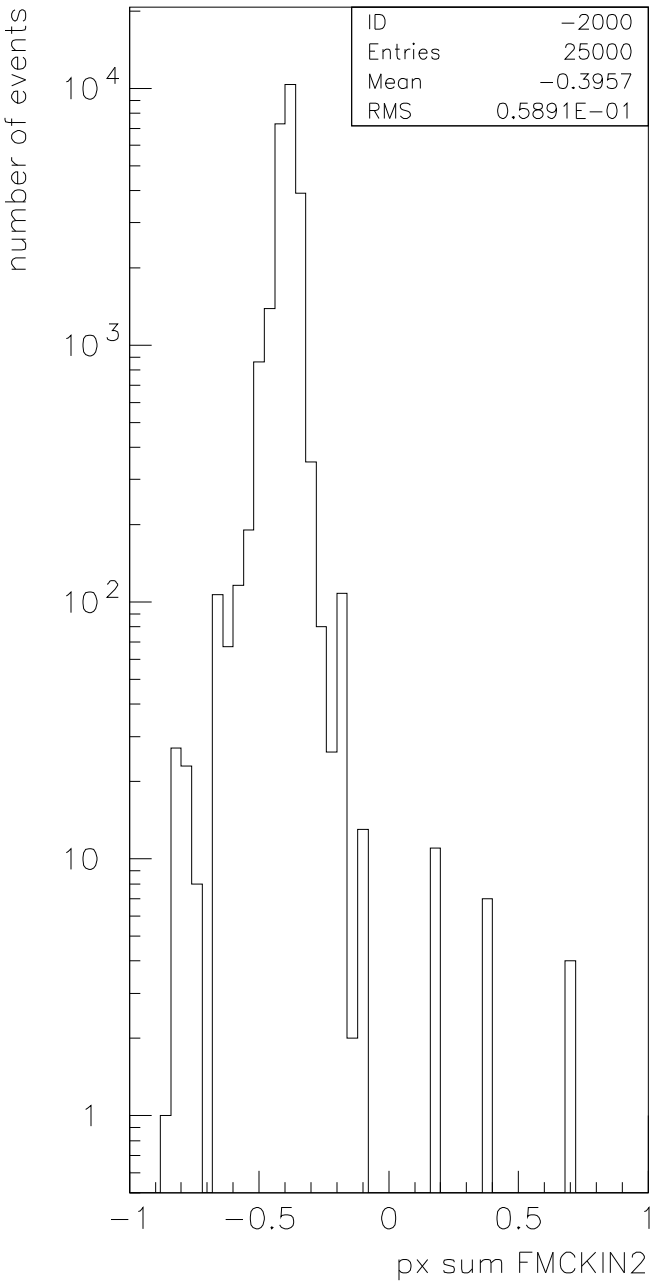


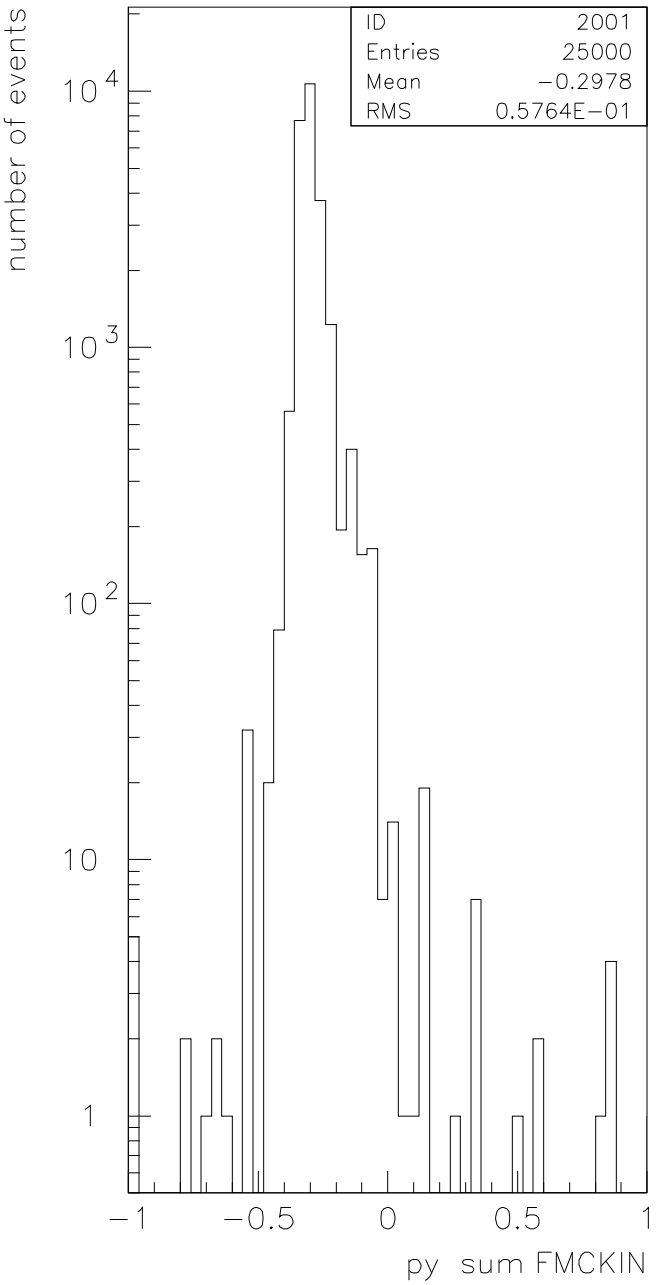
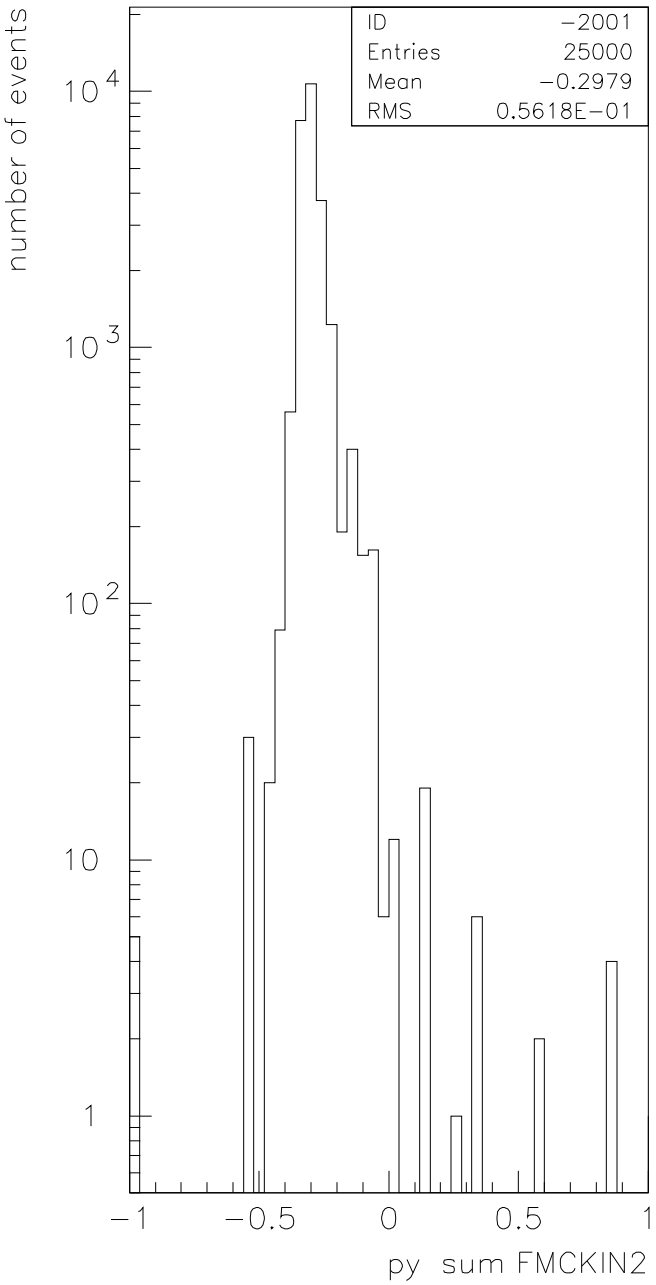


2014/01/06 07.52

Photon + jet





2014/01/06 07.52

Photon + jet