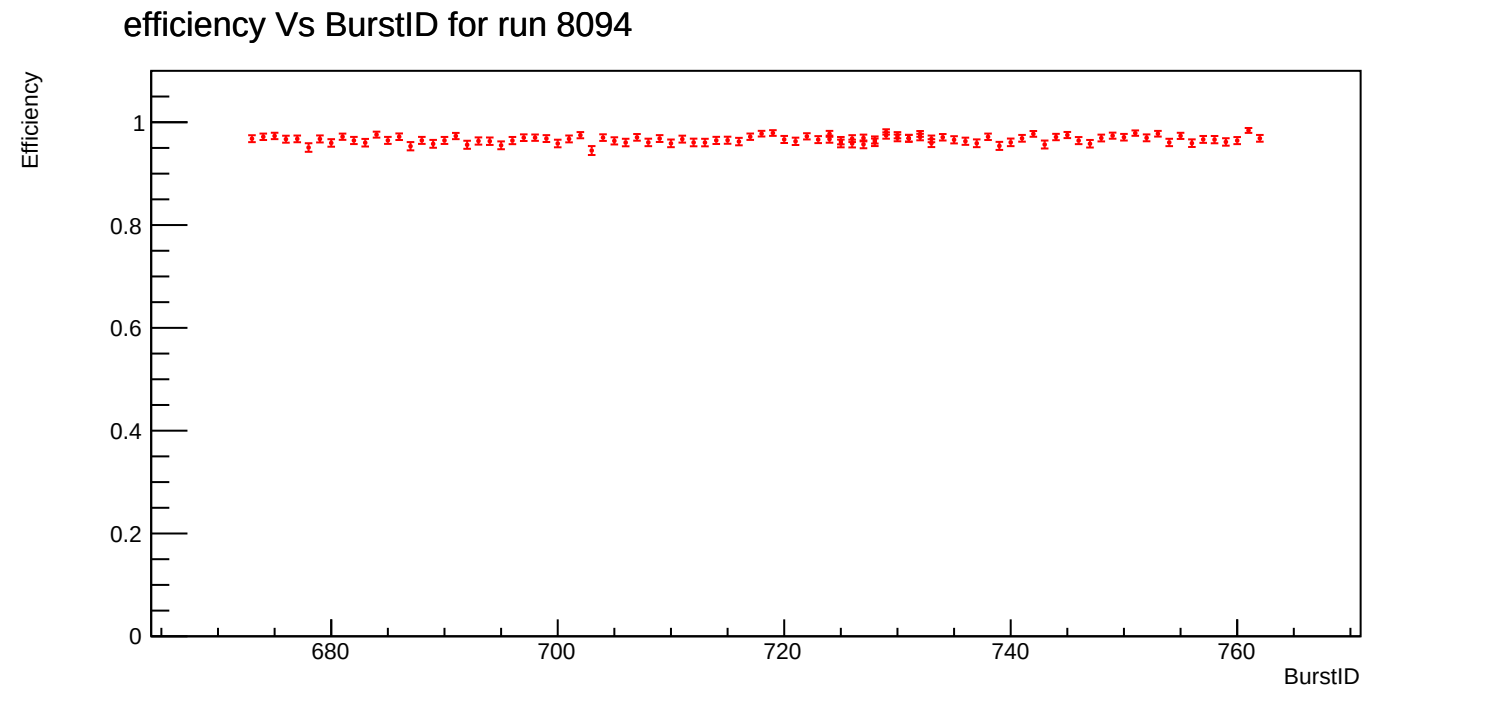
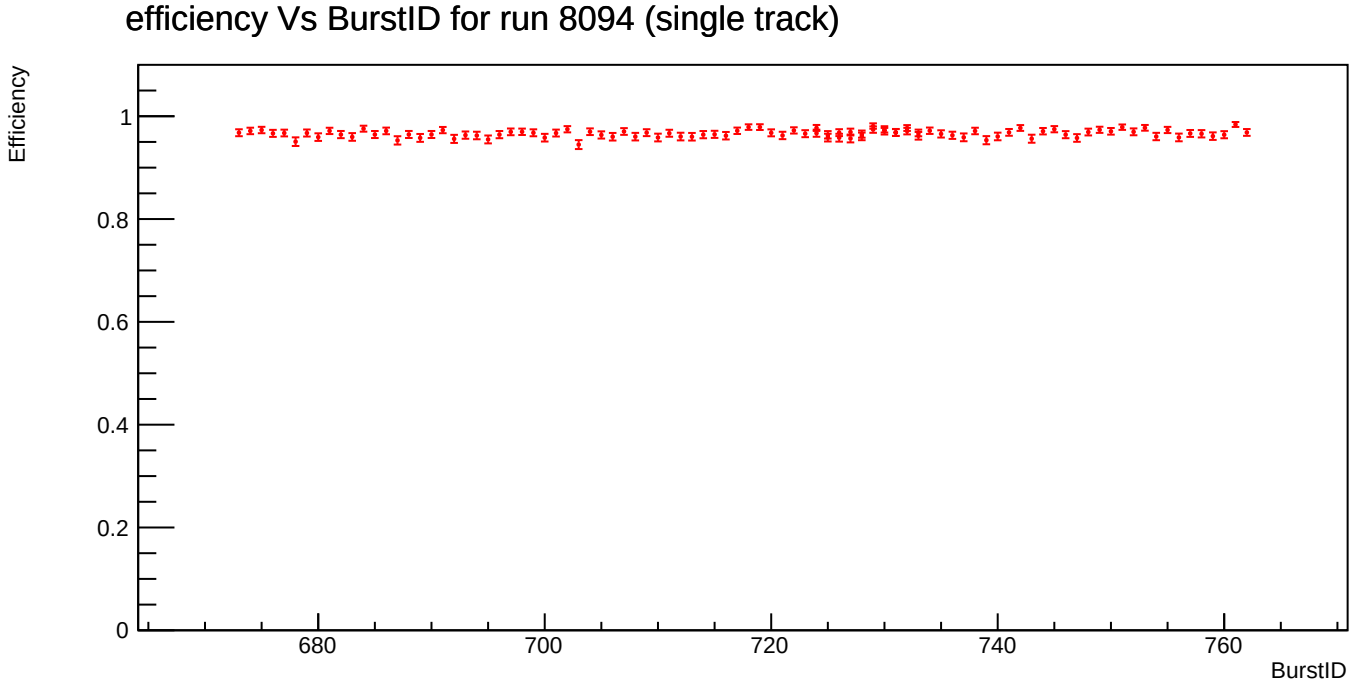
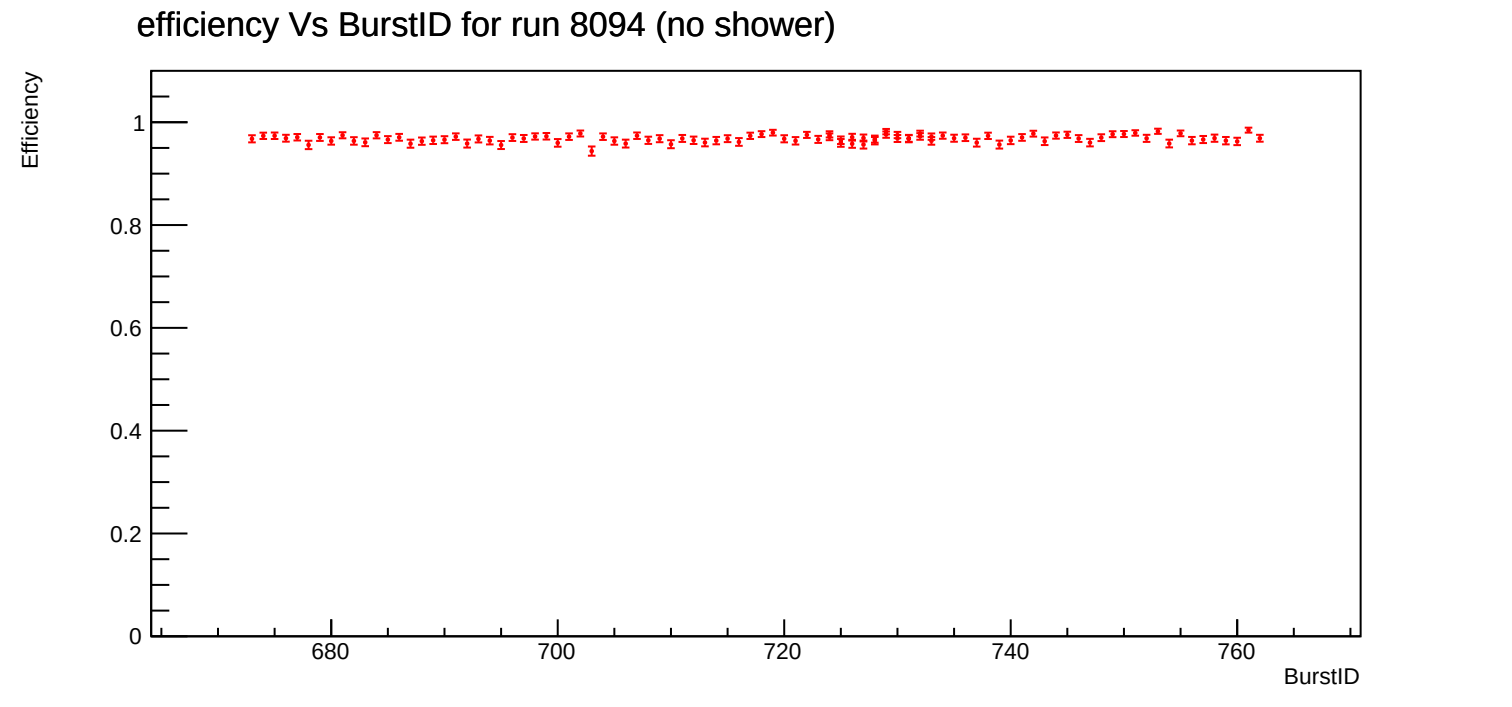
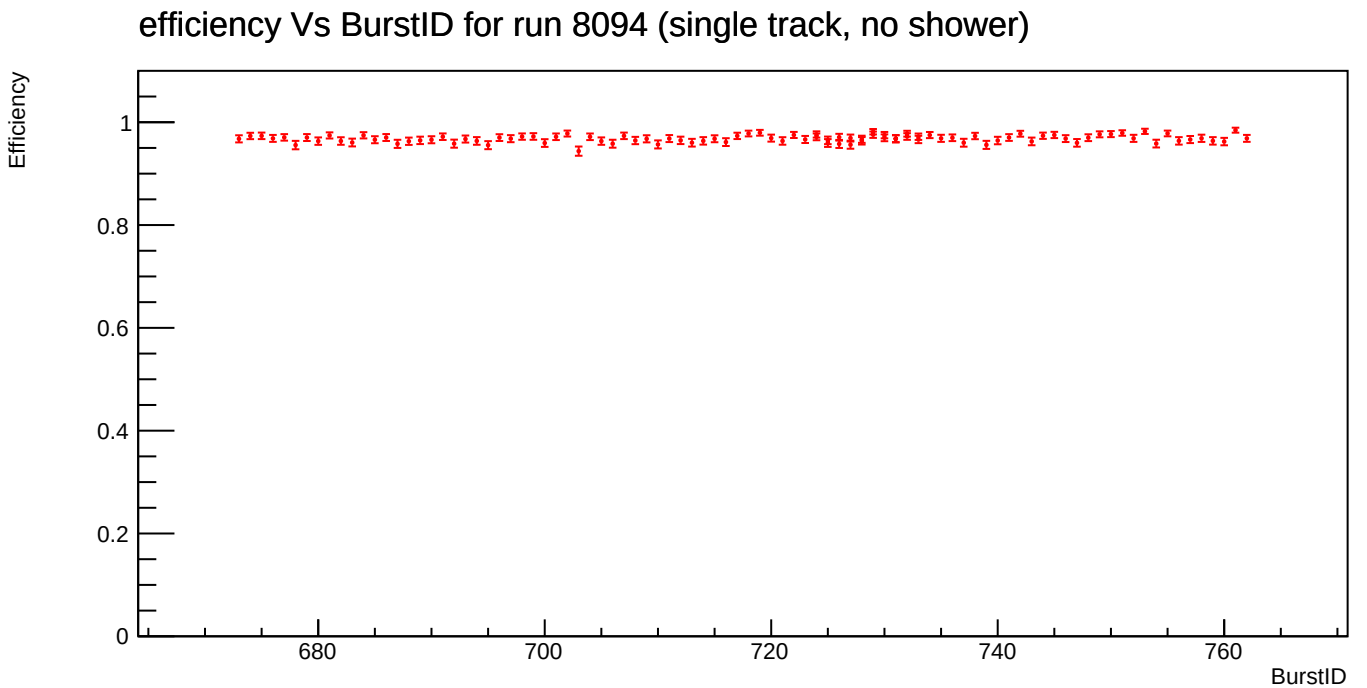
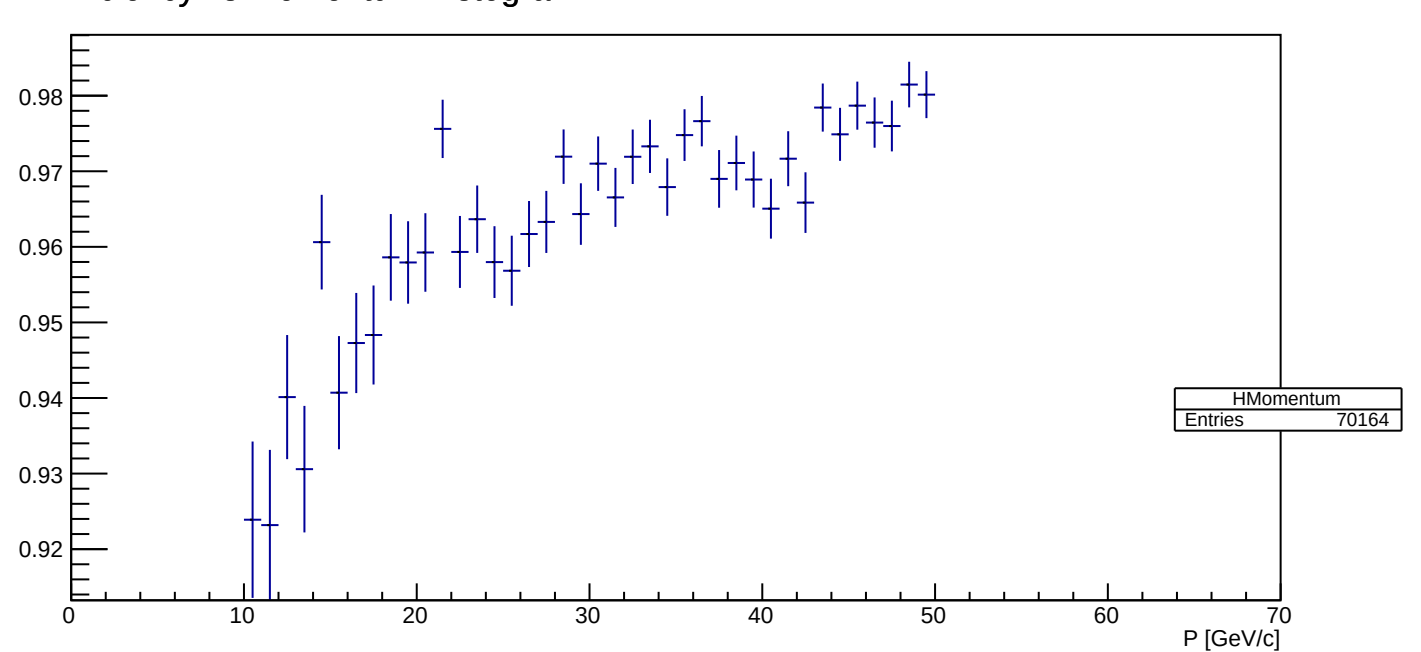
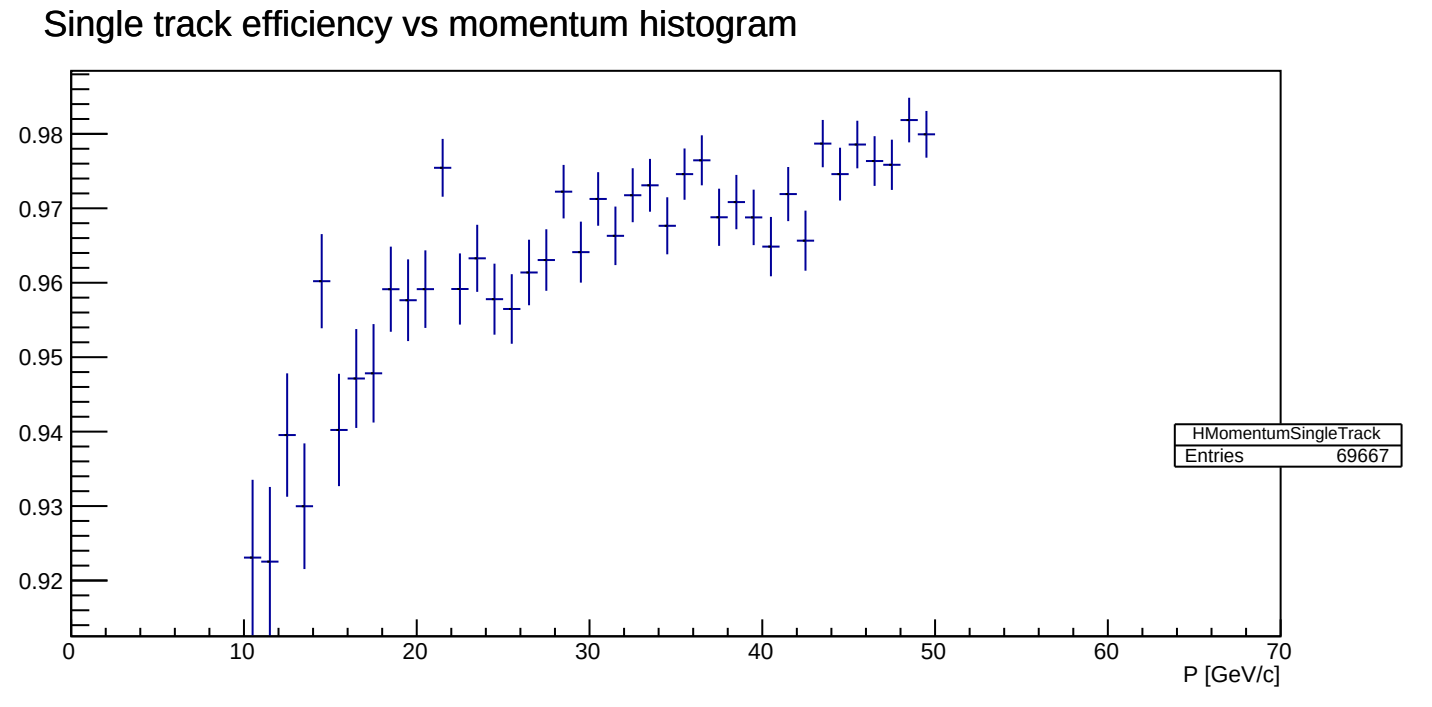

efficiency Vs BurstID for run 8094
Efficiency
1
0.8
0.6
0.4
0.2
0
680
700
720
740
760
BurstID

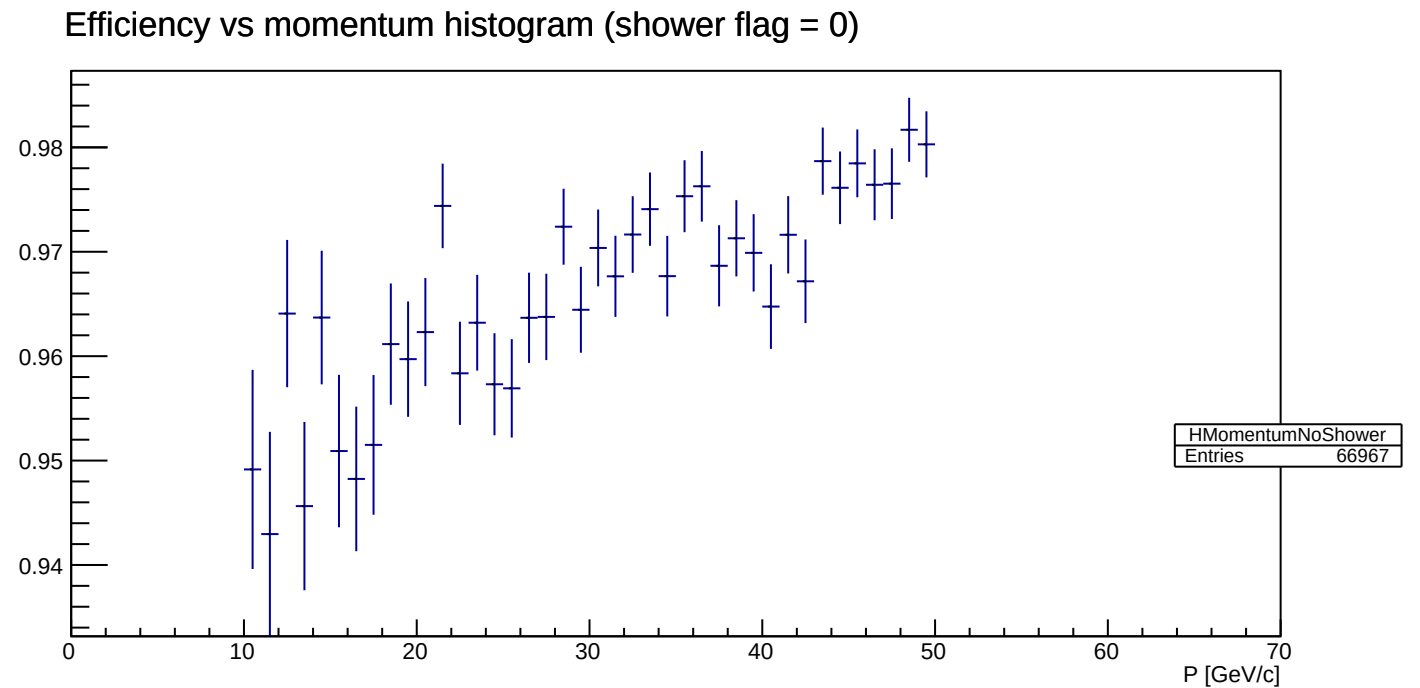

efficiency Vs BurstID for run 8094 (single track)
Efficiency
1
0.8
0.6
0.4
0.2
0
680
700
720
740
760
BurstID

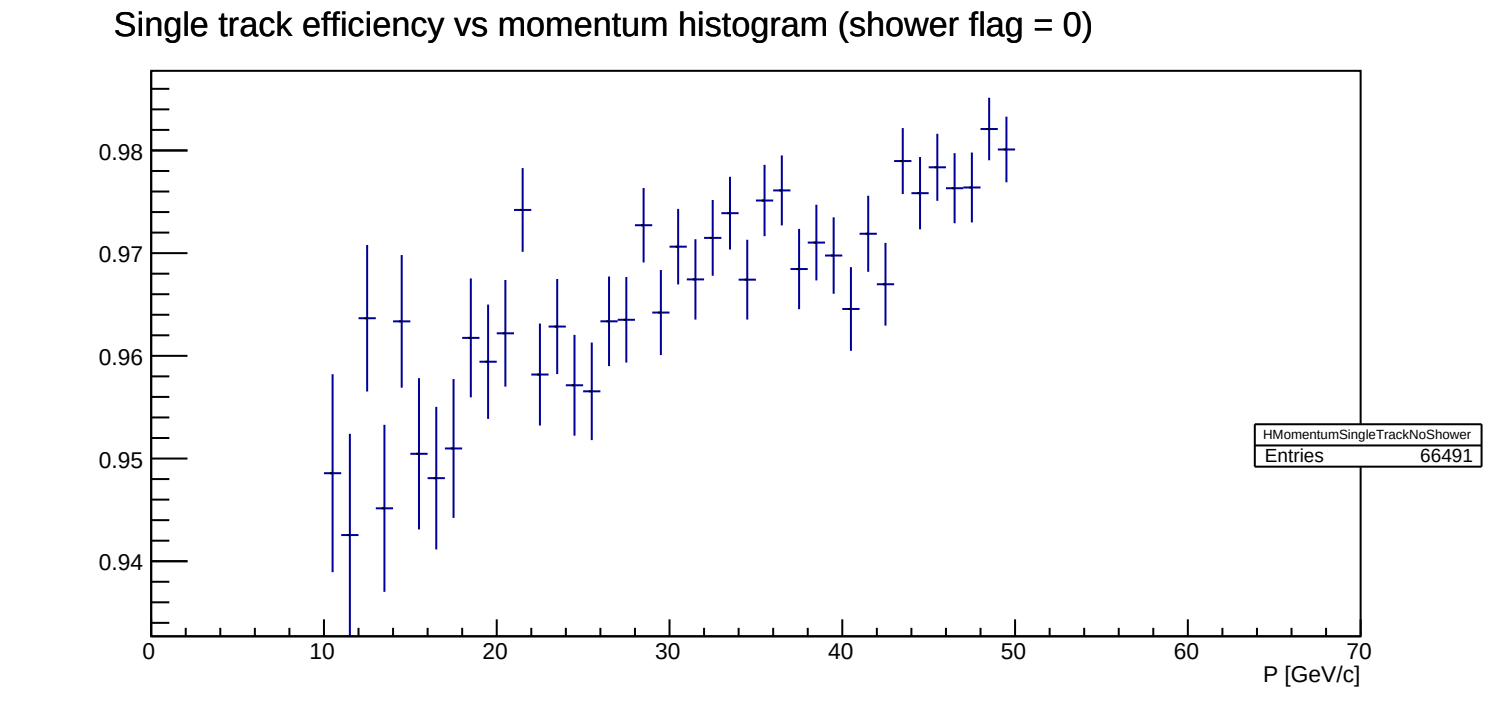

efficiency Vs BurstID for run 8094 (no shower)
Efficiency
1
0.8
0.6
0.4
0.2
0
680
700
720
740
760
BurstID

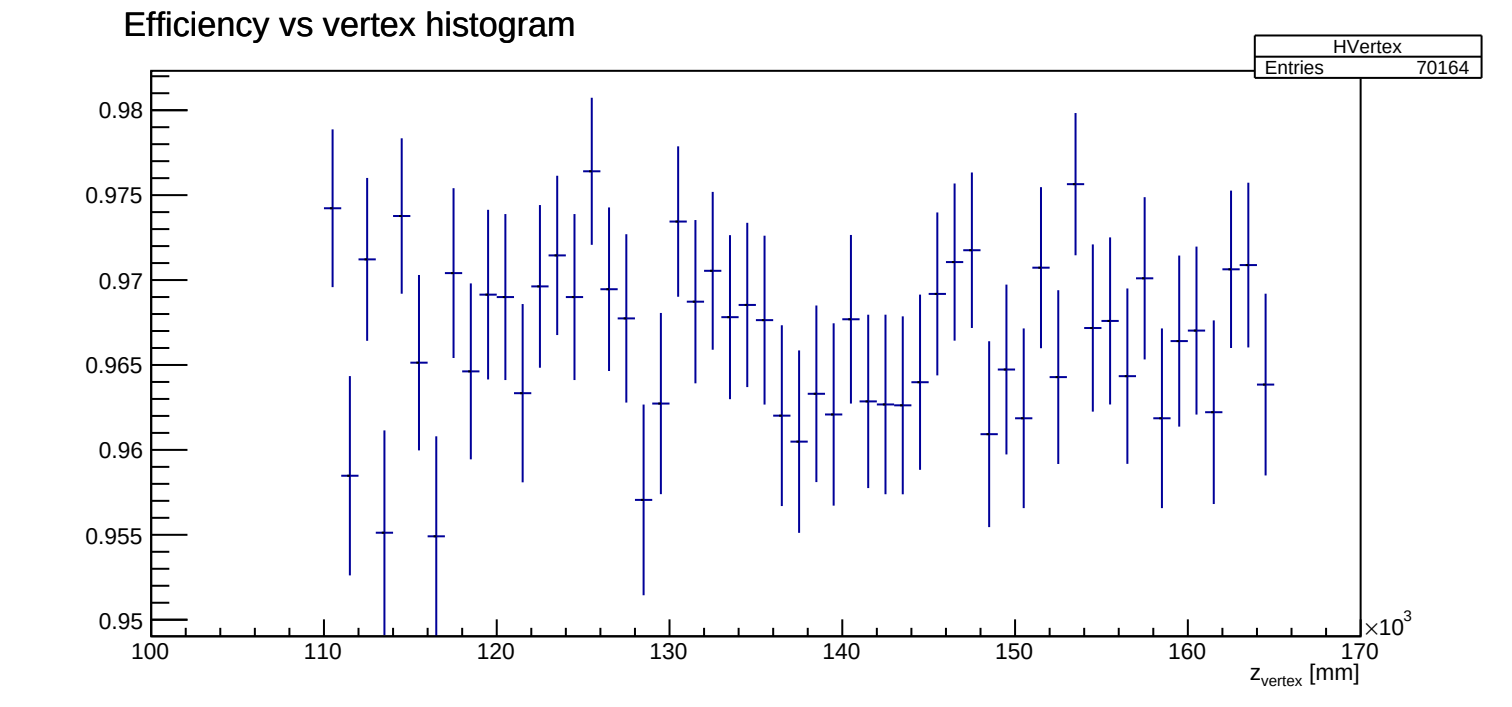

efficiency Vs BurstID for run 8094 (single track, no shower)
Efficiency
1
0.8
0.6
0.4
0.2
0
680
700
720
740
760
BurstID


Efficiency vs momentum histogram
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0
10
20
30
40
50
60
70
P [GeV/c]
HMomentum
Entries 70164

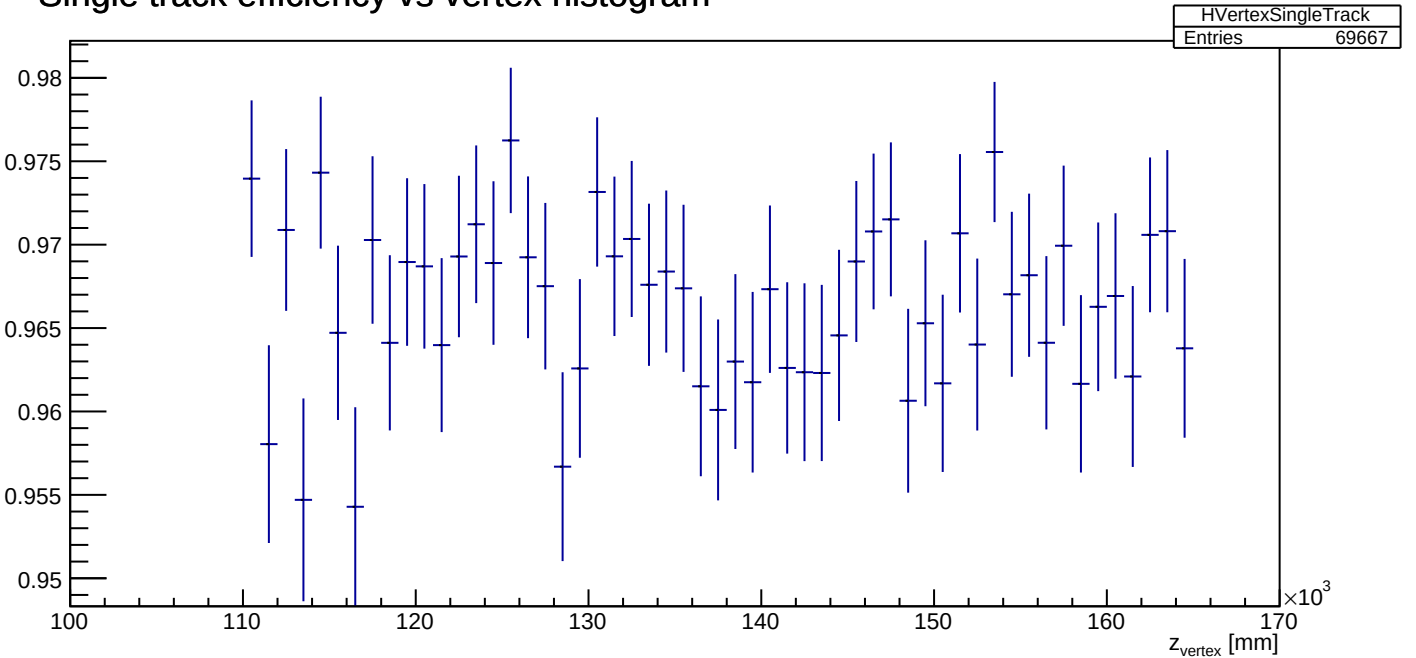

Single track efficiency vs momentum histogram
0.98
0.97
0.96
0.95
0.94
0.93
0.92
0
10
20
30
40
50
60
70
P [GeV/c]
HMomentumSingleTrack
Entries 69667

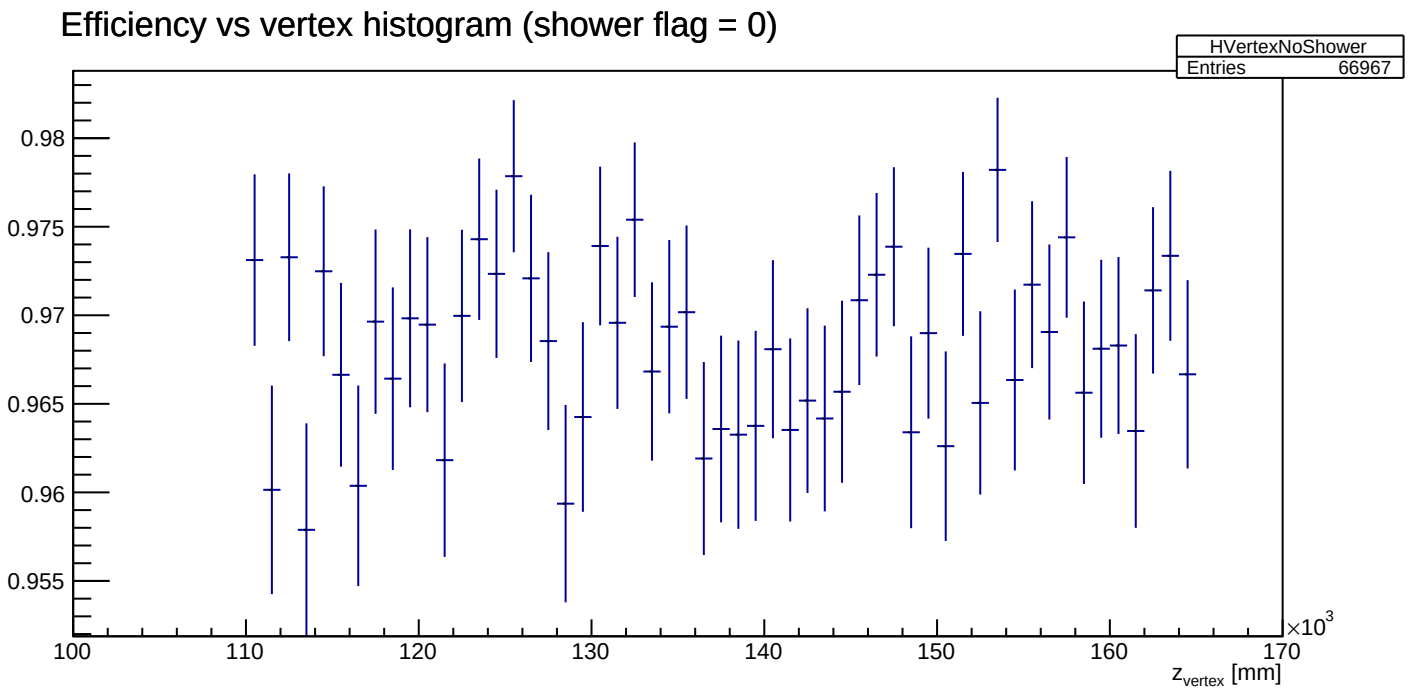

Efficiency vs momentum histogram (shower flag = 0)
0.98
0.97
0.96
0.95
0.94
0
10
20
30
40
50
60
70
P [GeV/c]
HMomentumNoShower
Entries 66967

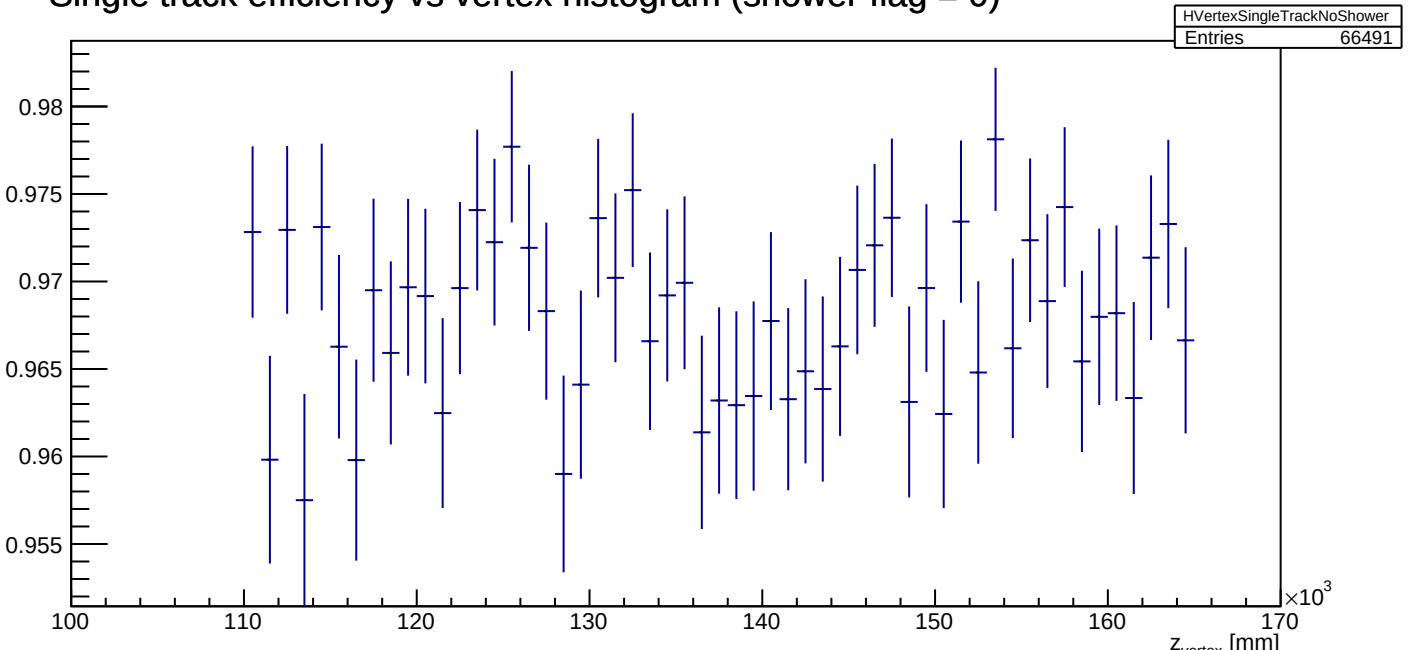

Single track efficiency vs momentum histogram (shower flag = 0)
0.98
0.97
0.96
0.95
0.94
0
10
20
30
40
50
60
70
P [GeV/c]
HMomentumSingleTrackNoShower
Entries 66491

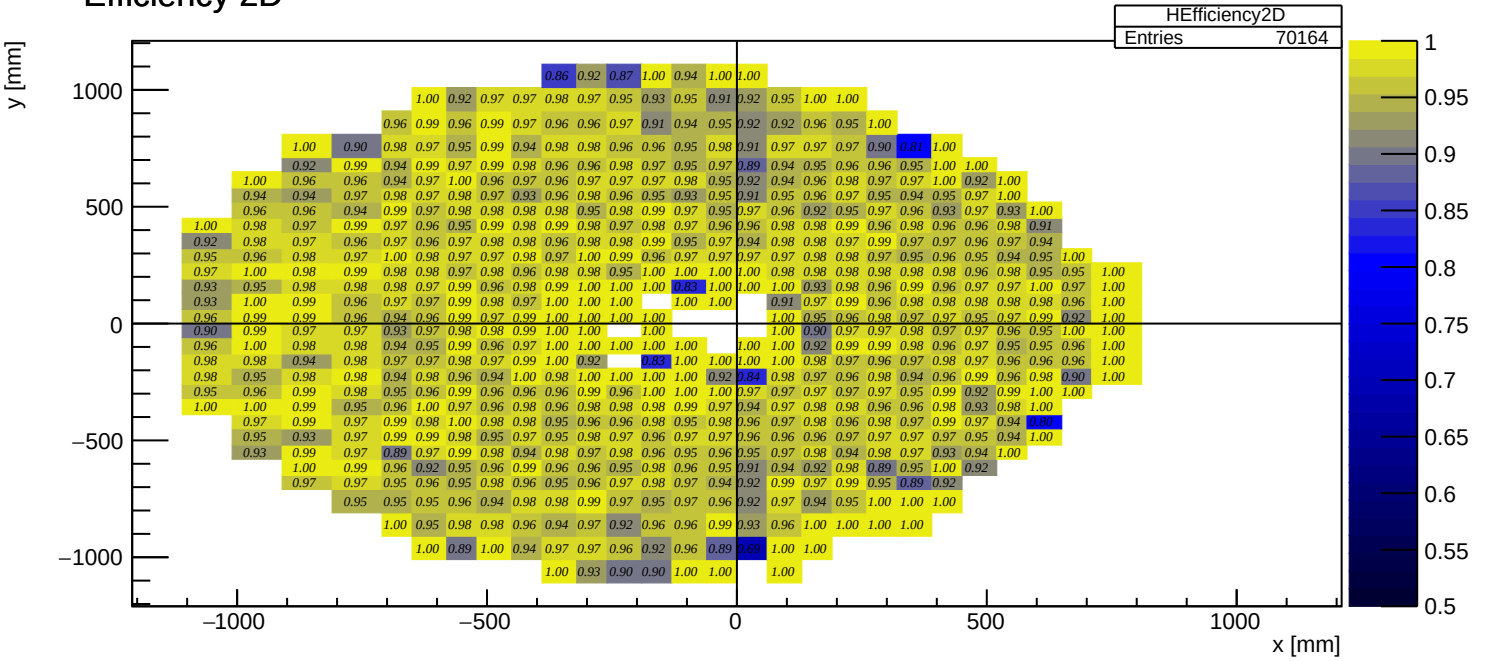

Efficiency vs vertex histogram
HVertex
Entries 70164
0.98
0.975
0.97
0.965
0.96
0.955
0.95
100
110
120
130
140
150
160
170
×10^3
z_vertex [mm]

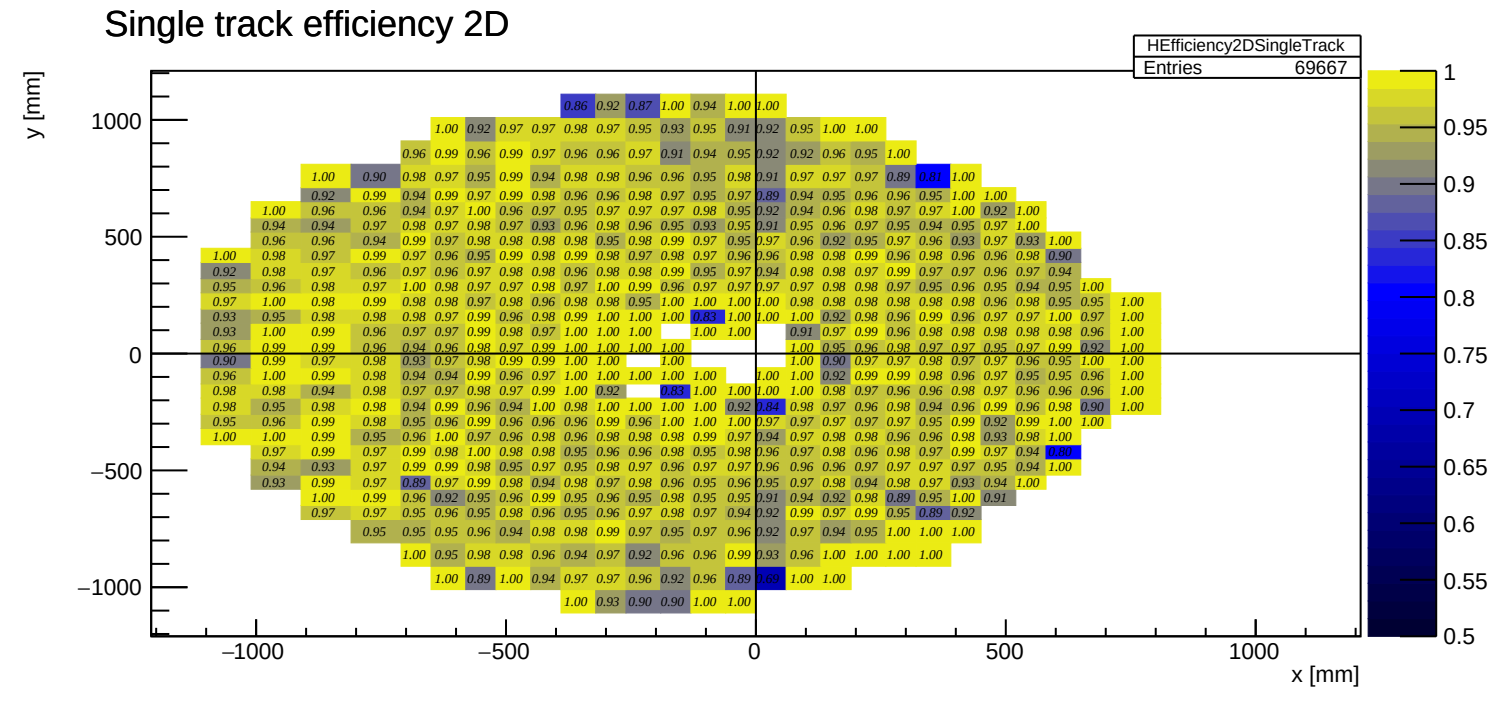
Single track efficiency vs vertex histogram

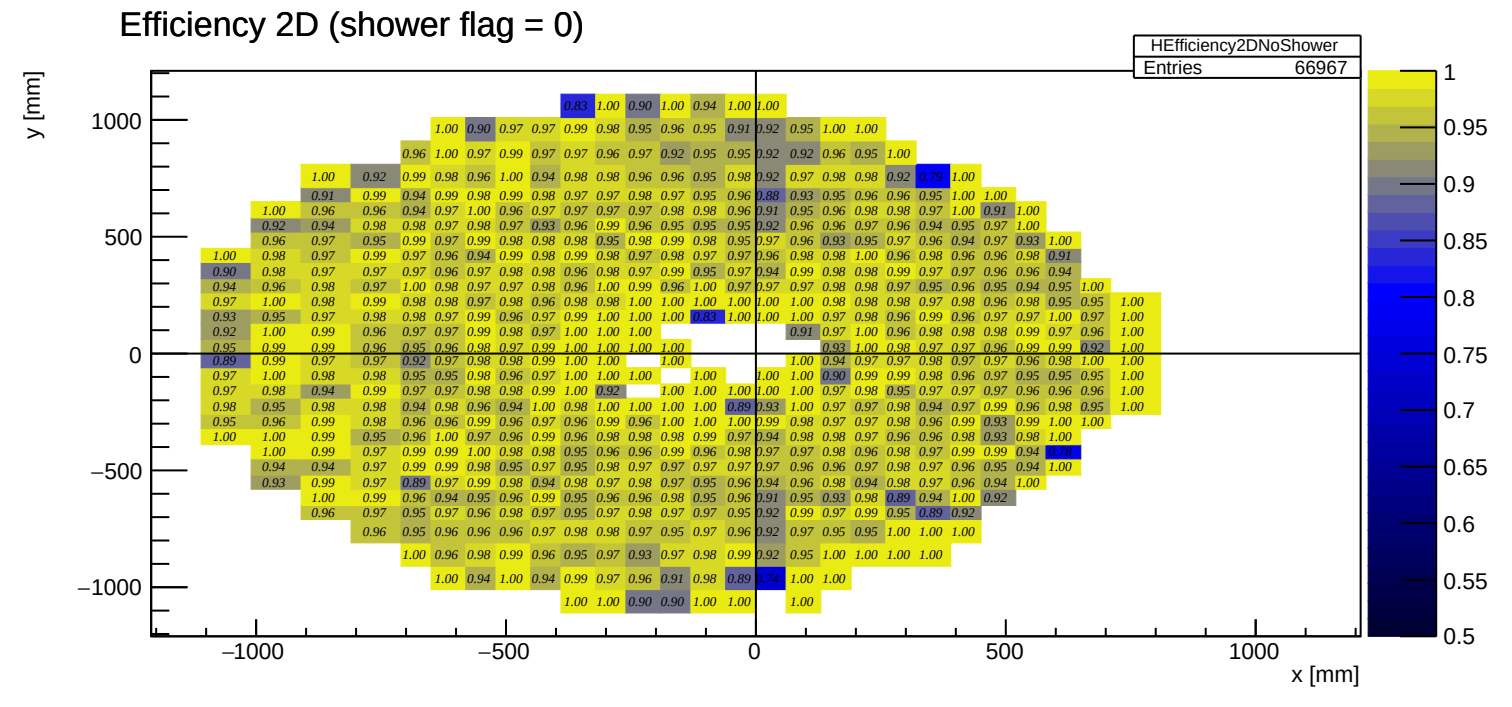


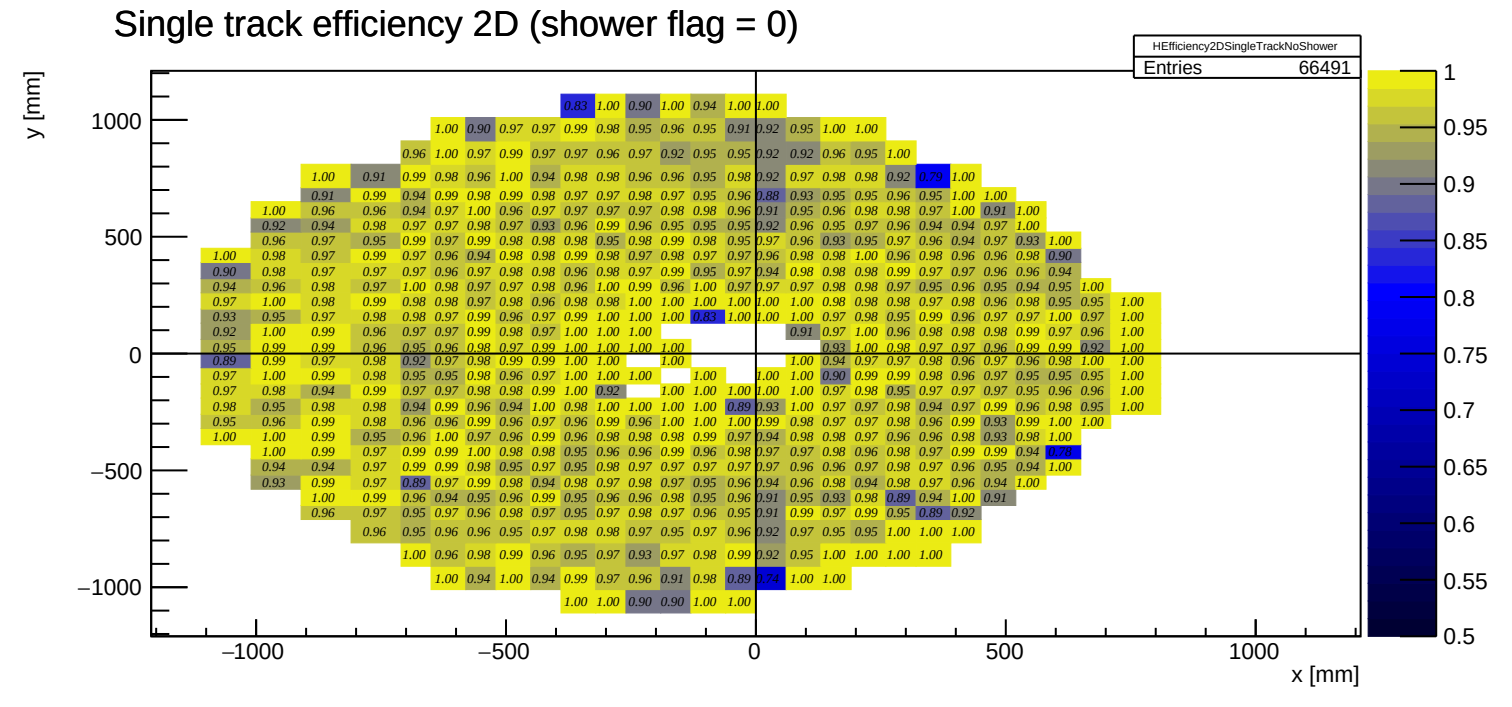

Efficiency vs vertex histogram (shower flag = 0)
HVertexNoShower
Entries 66967
0.98
0.975
0.97
0.965
0.96
0.955
100
110
120
130
140
150
160
170
×10^3
z_vertex [mm]


Single track efficiency vs vertex histogram (shower flag = 0)
HVertexSingleTrackNoShower
Entries 66491
0.98
0.975
0.97
0.965
0.96
0.955
100
110
120
130
140
150
160
170
×10^3
z_vertex [mm]


Efficiency 2D
HEfficiency2D
Entries 70164
y [mm]
x [mm]
1000
500
0
−500
−1000
−1000
−500
0
500
1000
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5


Single track efficiency 2D
HEfficiency2DSingleTrack
Entries 69667
y [mm]
x [mm]
1000
500
0
−500
−1000
−1000
−500
0
500
1000
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5


Efficiency 2D (shower flag = 0)
HEfficiency2DNoShower
Entries 66967
y [mm]
x [mm]
1000
500
0
−500
−1000
−1000
−500
0
500
1000
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5


Single track efficiency 2D (shower flag = 0)
HEfficiency2DSingleTrackNoShower
Entries 66491
y [mm]
x [mm]
1000
500
0
−500
−1000
−1000
−500
0
500
1000
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5