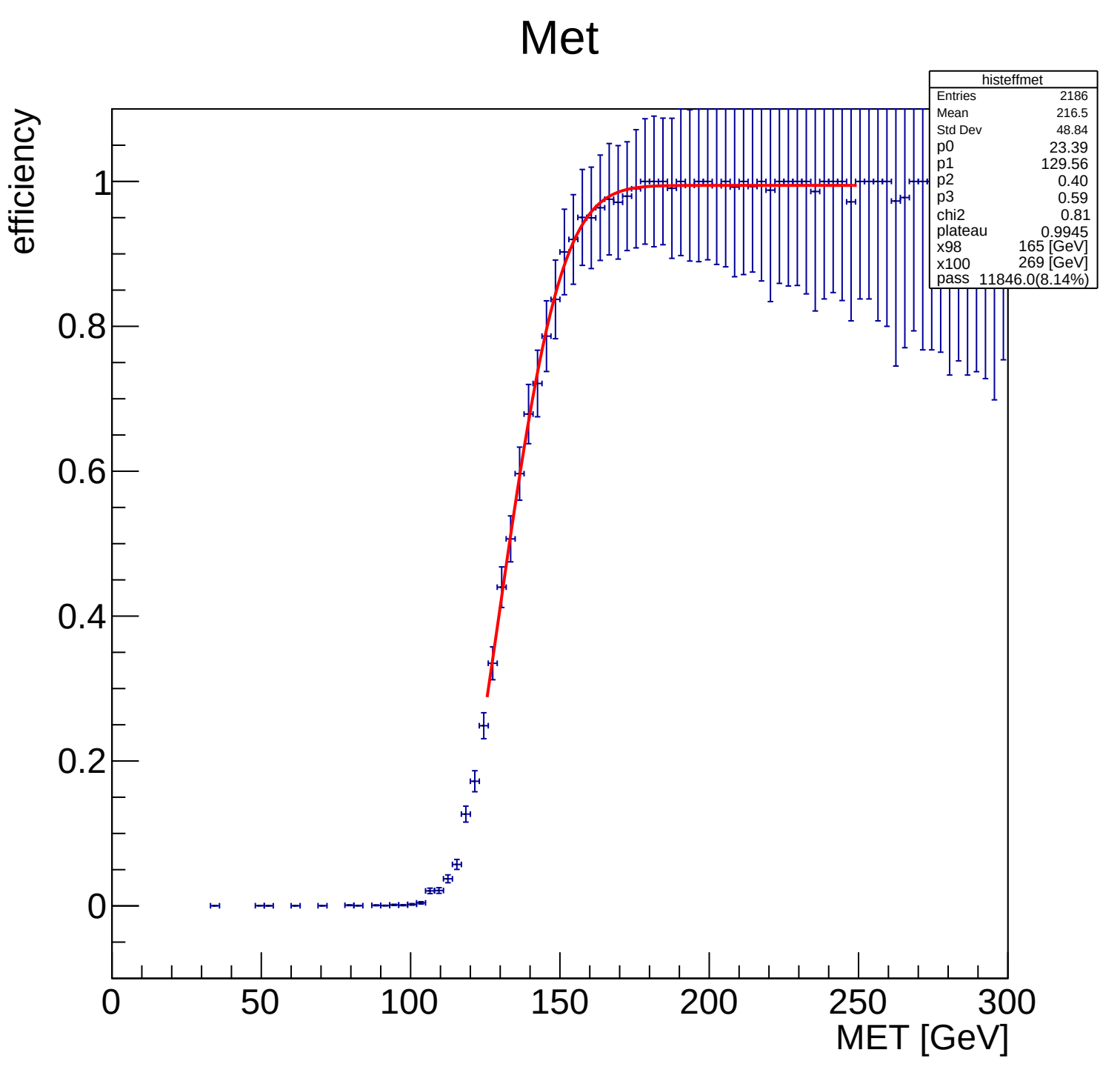
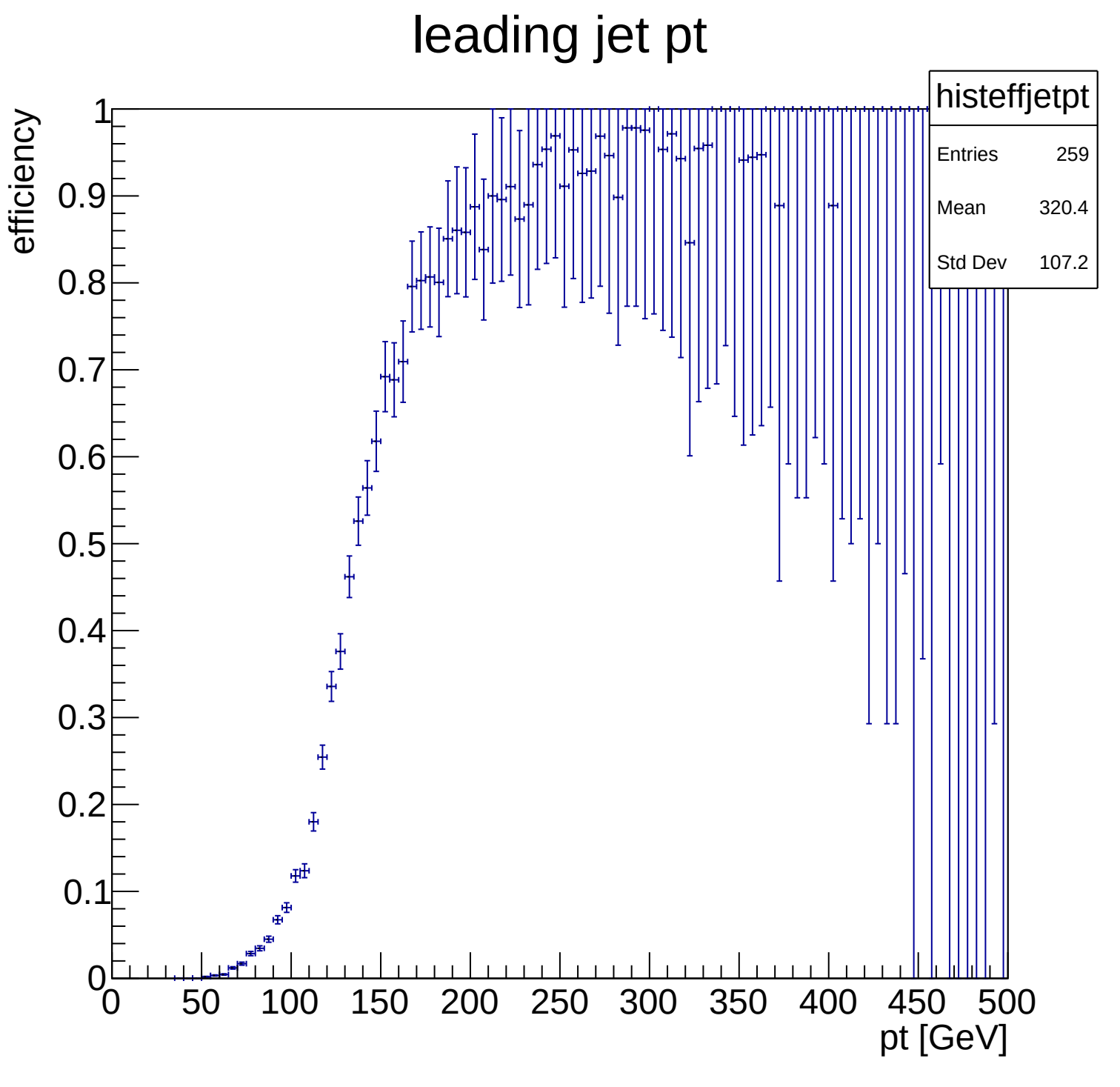
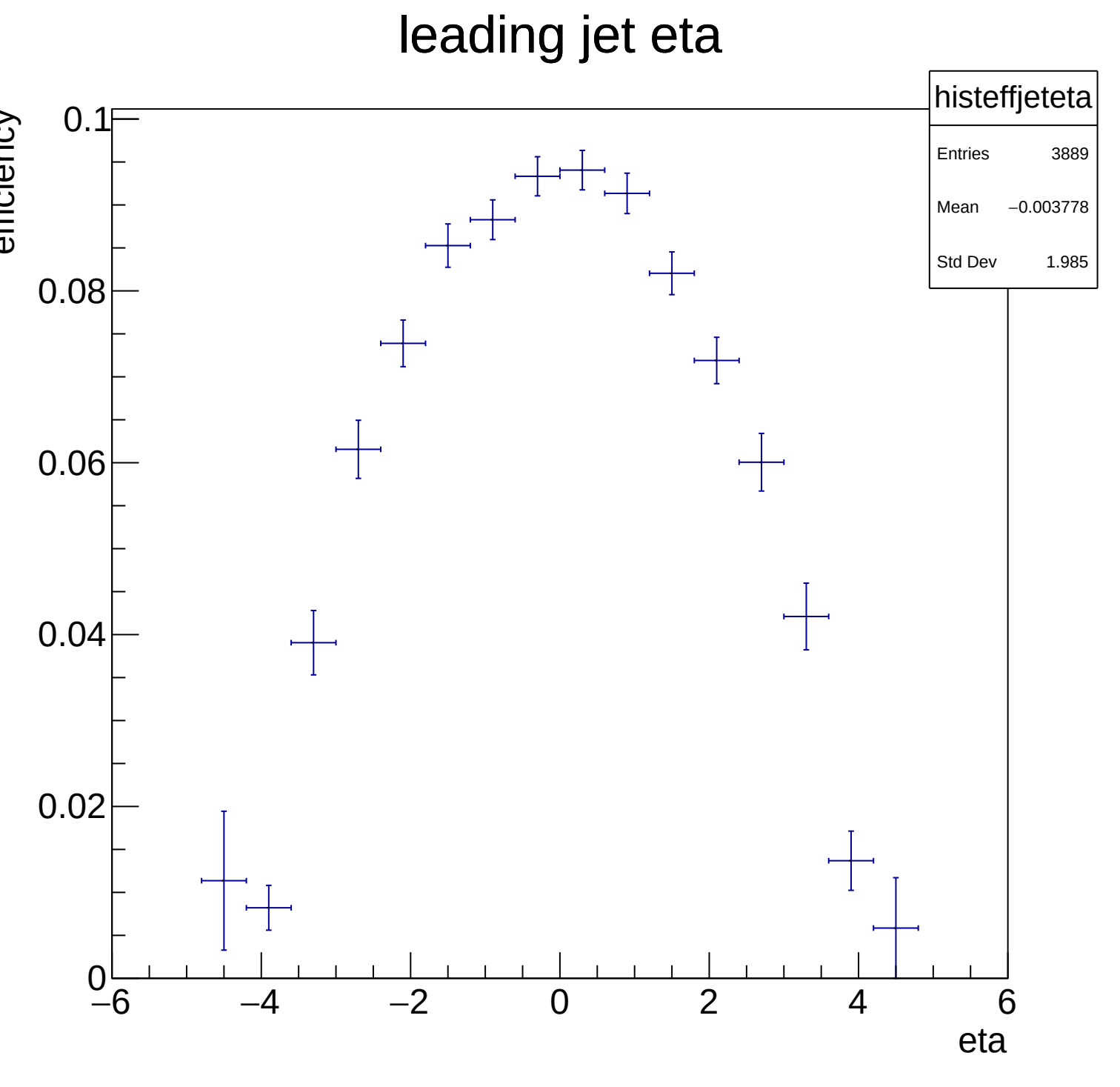
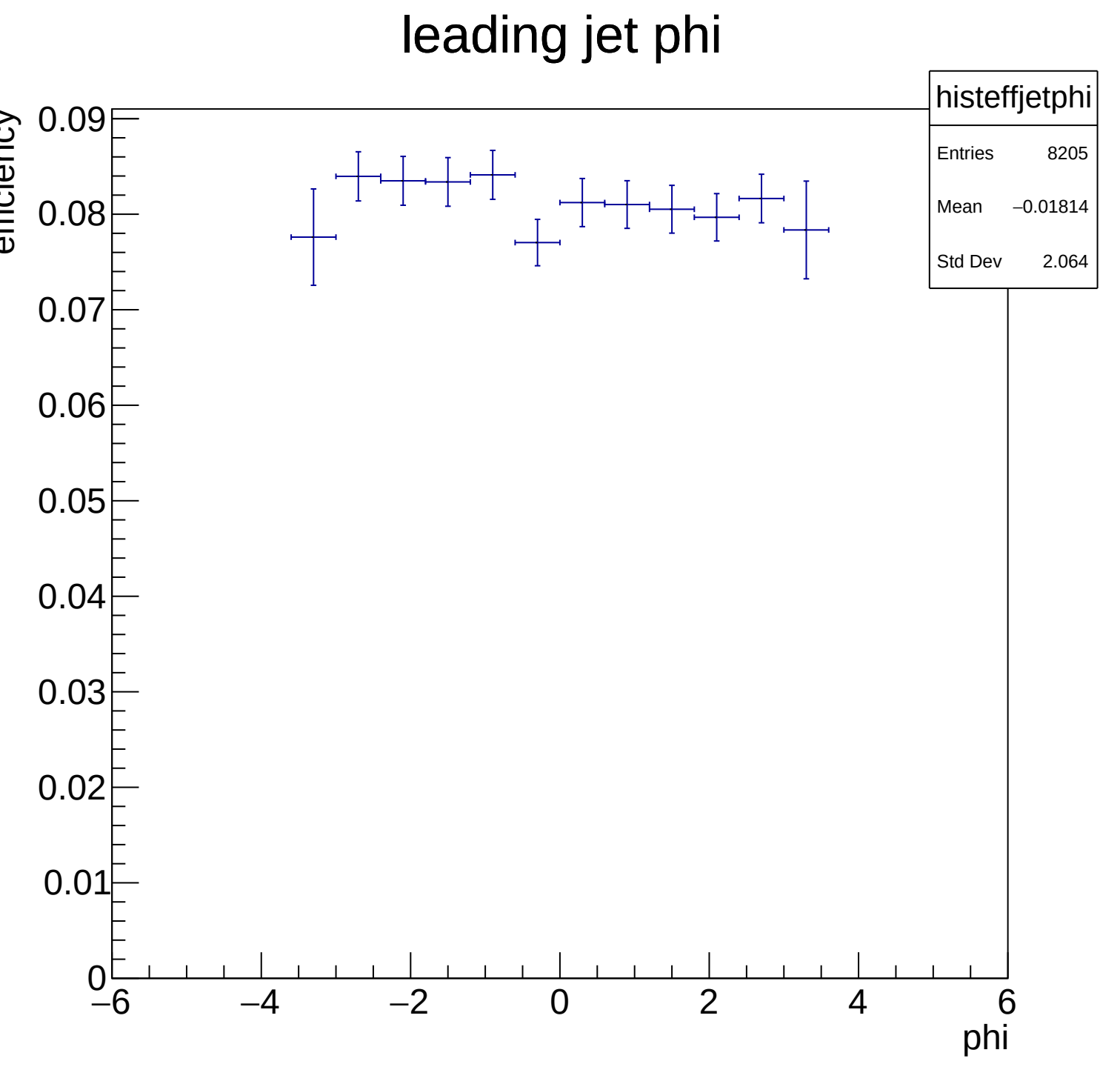
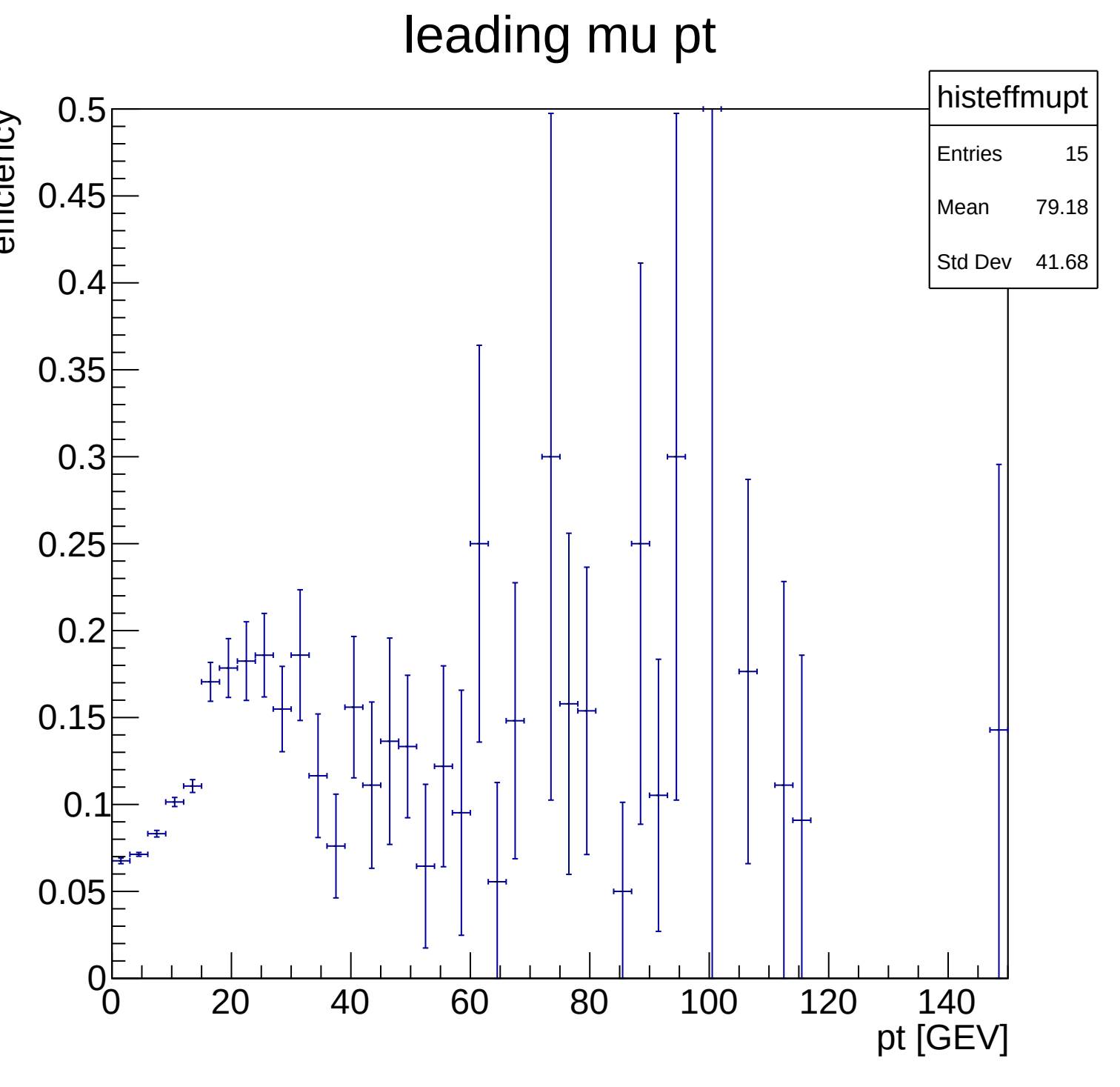
Mchi-52p5_dMchi-5_1mm

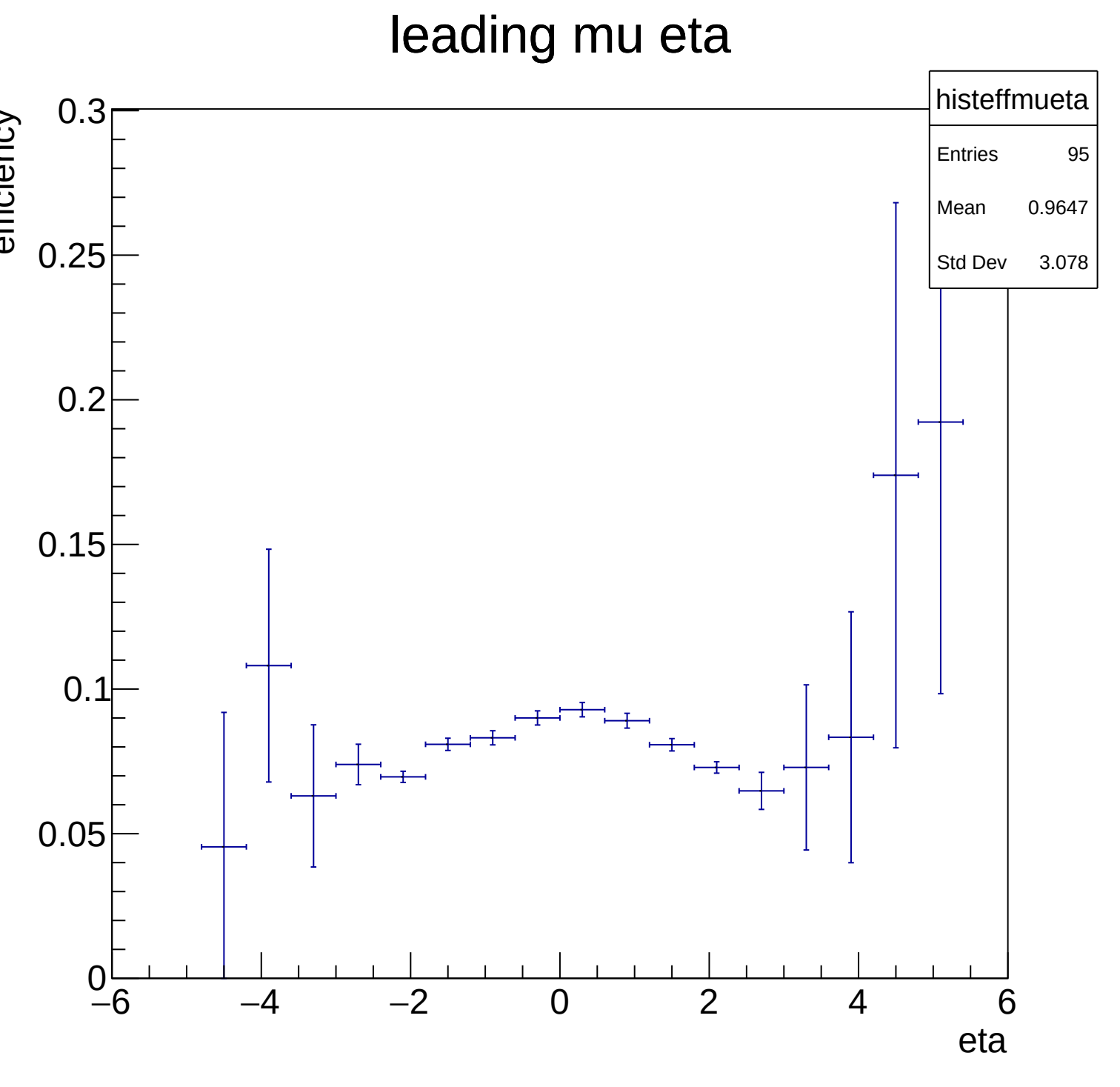

Met
histeffmet
Entries 2186
Mean 216.5
Std Dev 48.84
p0 23.39
p1 129.56
p2 0.40
p3 0.59
chi2 0.81
plateau 0.9945
x98 165 [GeV]
x100 269 [GeV]
pass 11846.0(8.14%)
efficiency
0
0.2
0.4
0.6
0.8
1
0
50
100
150
200
250
300
MET [GeV]

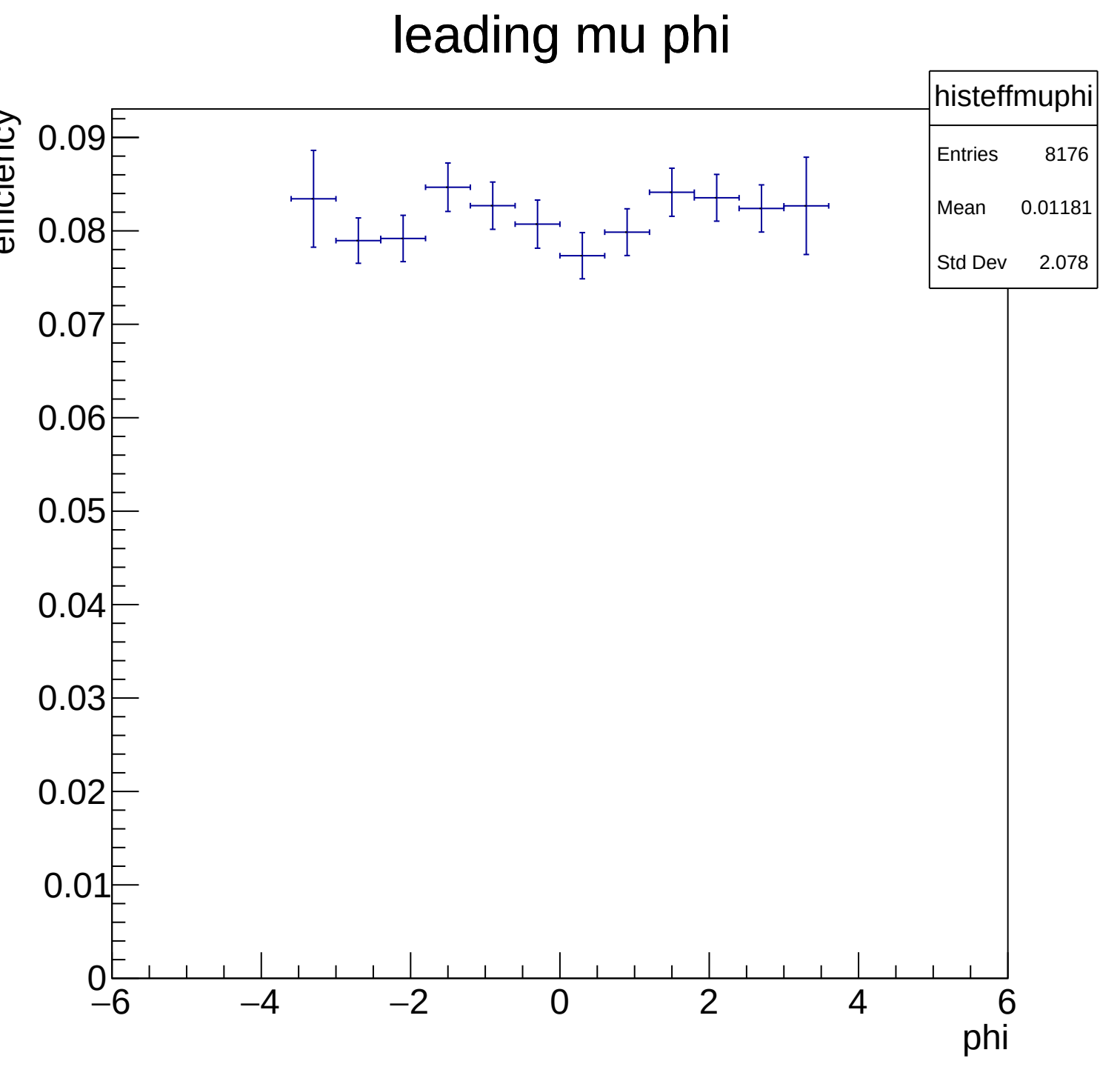

leading jet pt
histeffjetpt
Entries 259
Mean 320.4
Std Dev 107.2
efficiency
pt [GeV]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350
400
450
500

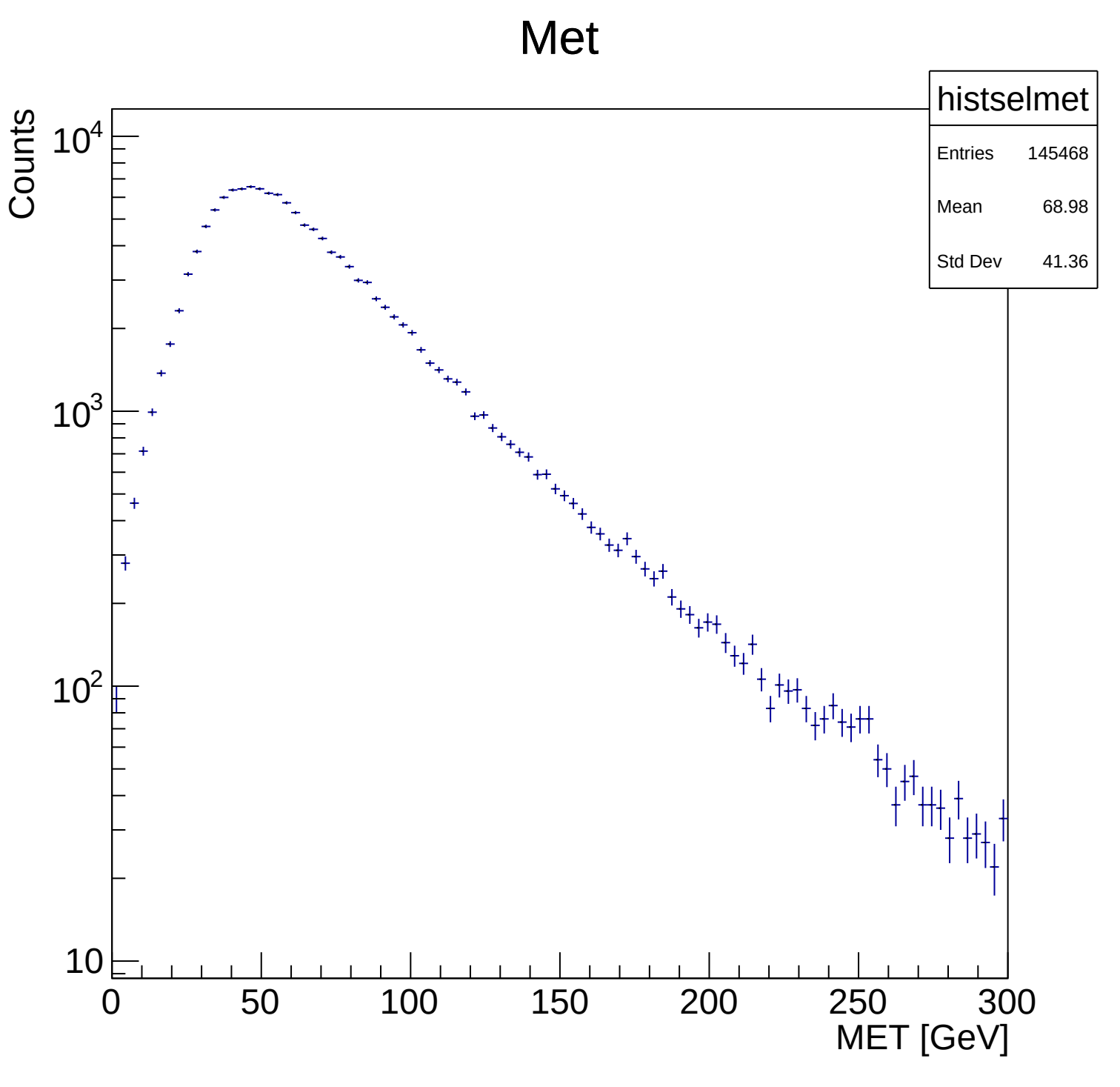

leading jet eta
histeffjeteta
Entries 3889
Mean −0.003778
Std Dev 1.985
efficiency
0.1
0.08
0.06
0.04
0.02
0
−6
−4
−2
0
2
4
6
eta

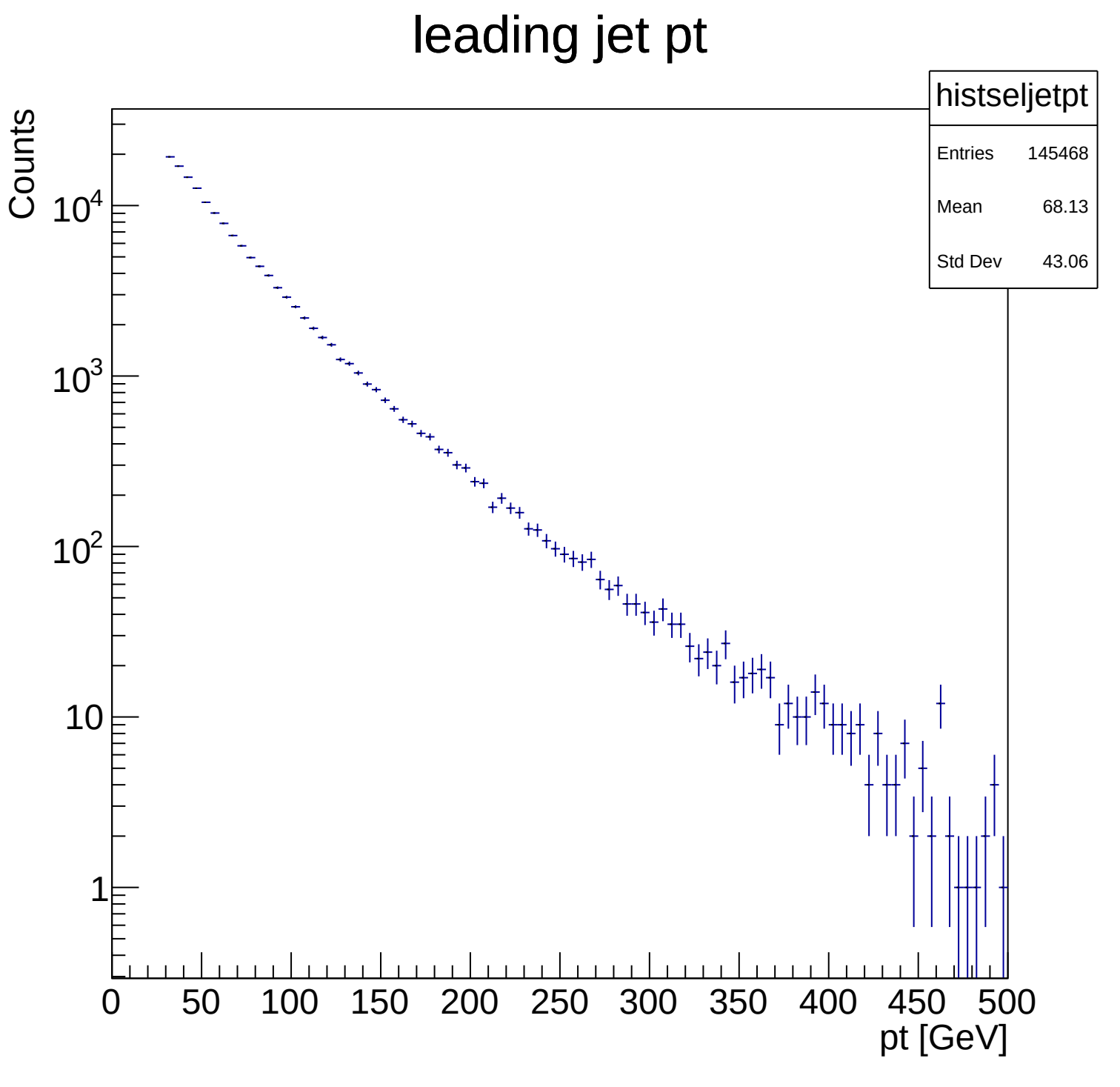

leading jet phi
histeffjetphi
Entries 8205
Mean −0.01814
Std Dev 2.064
efficiency
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
−6
−4
−2
0
2
4
6
phi

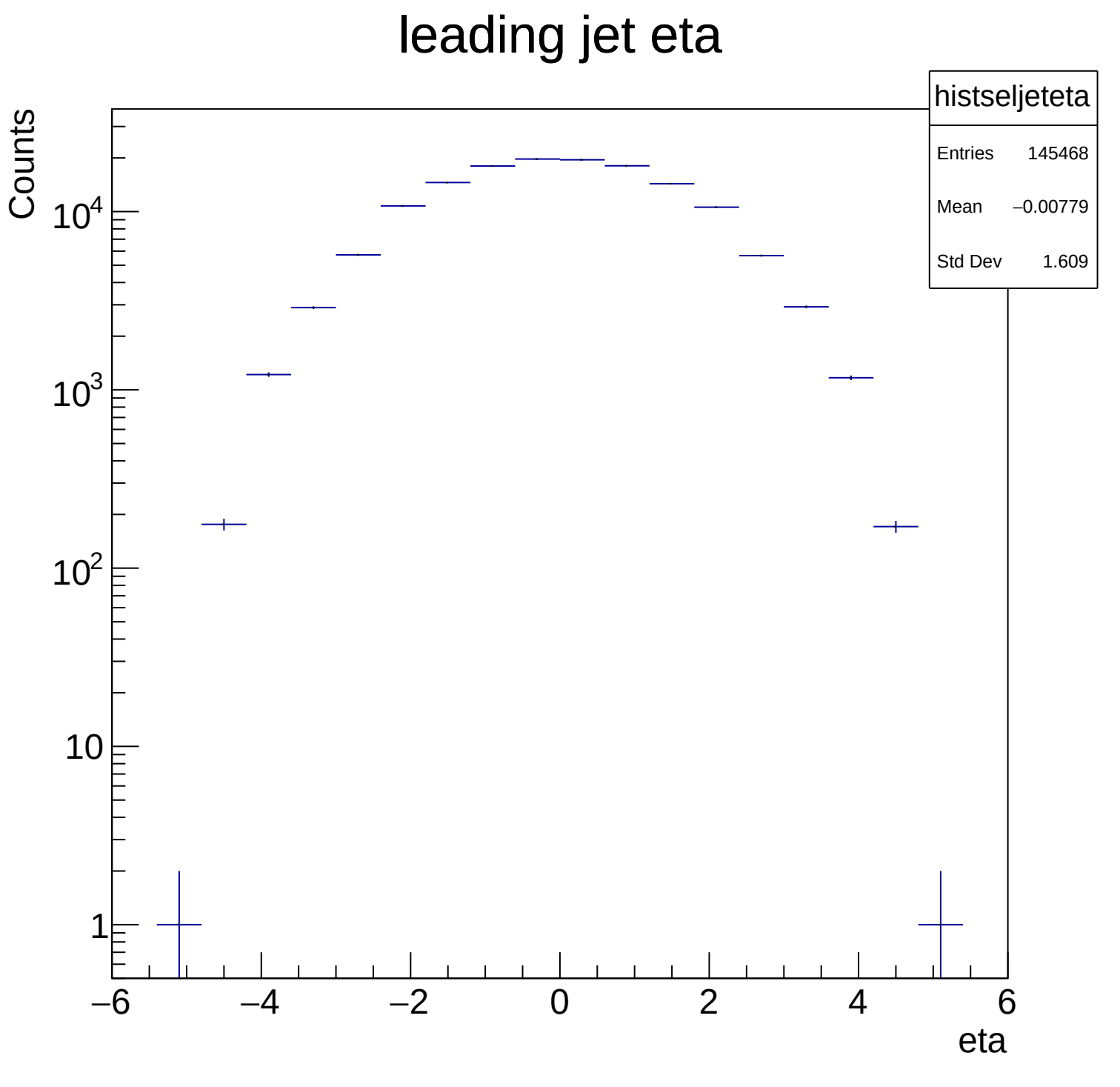

leading mu pt
histeffmupt
Entries 15
Mean 79.18
Std Dev 41.68
efficiency
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
140
pt [GEV]

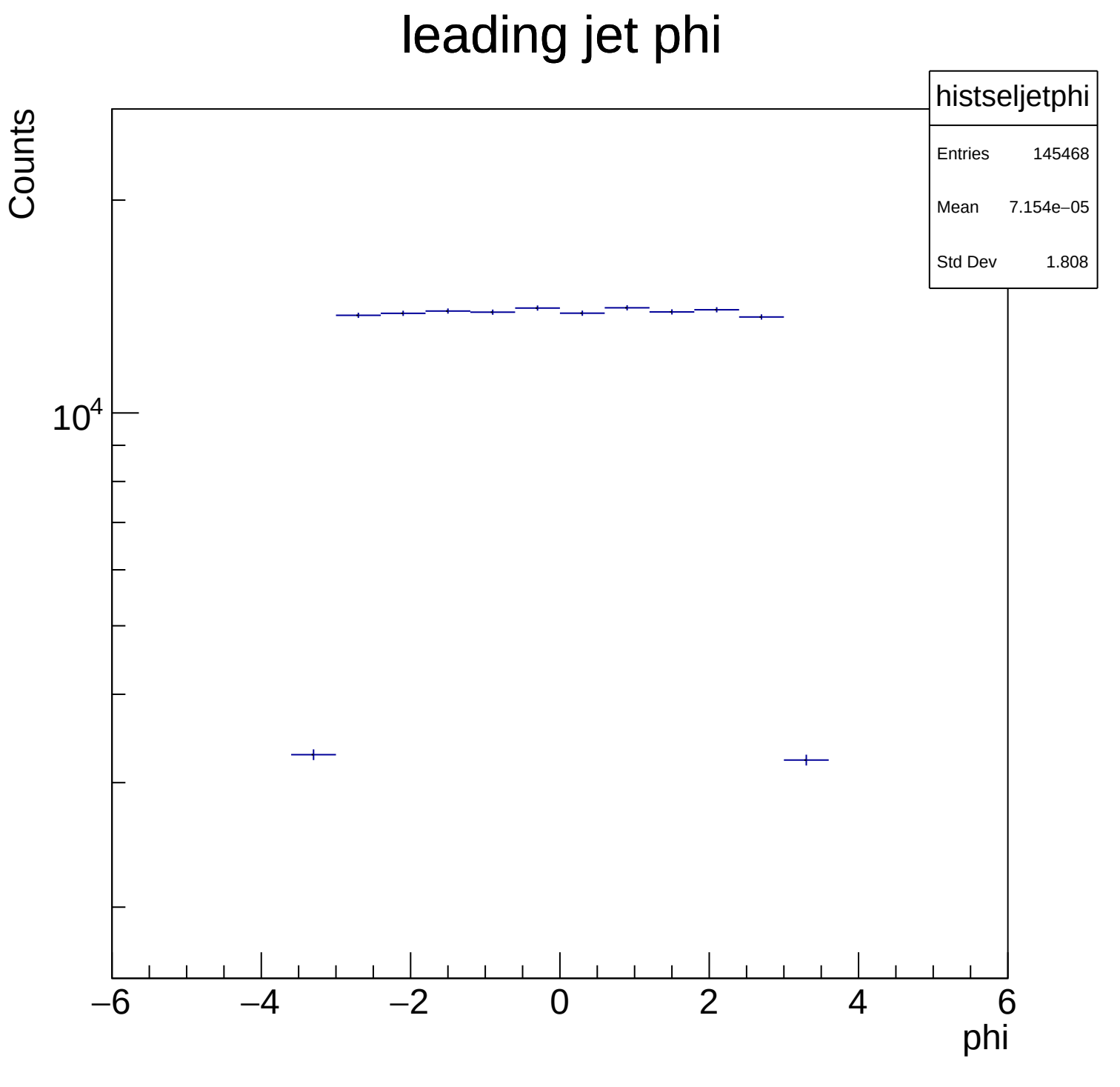

leading mu eta
histeffmueta
Entries 95
Mean 0.9647
Std Dev 3.078
efficiency
0.3
0.25
0.2
0.15
0.1
0.05
0
−6
−4
−2
0
2
4
6
eta

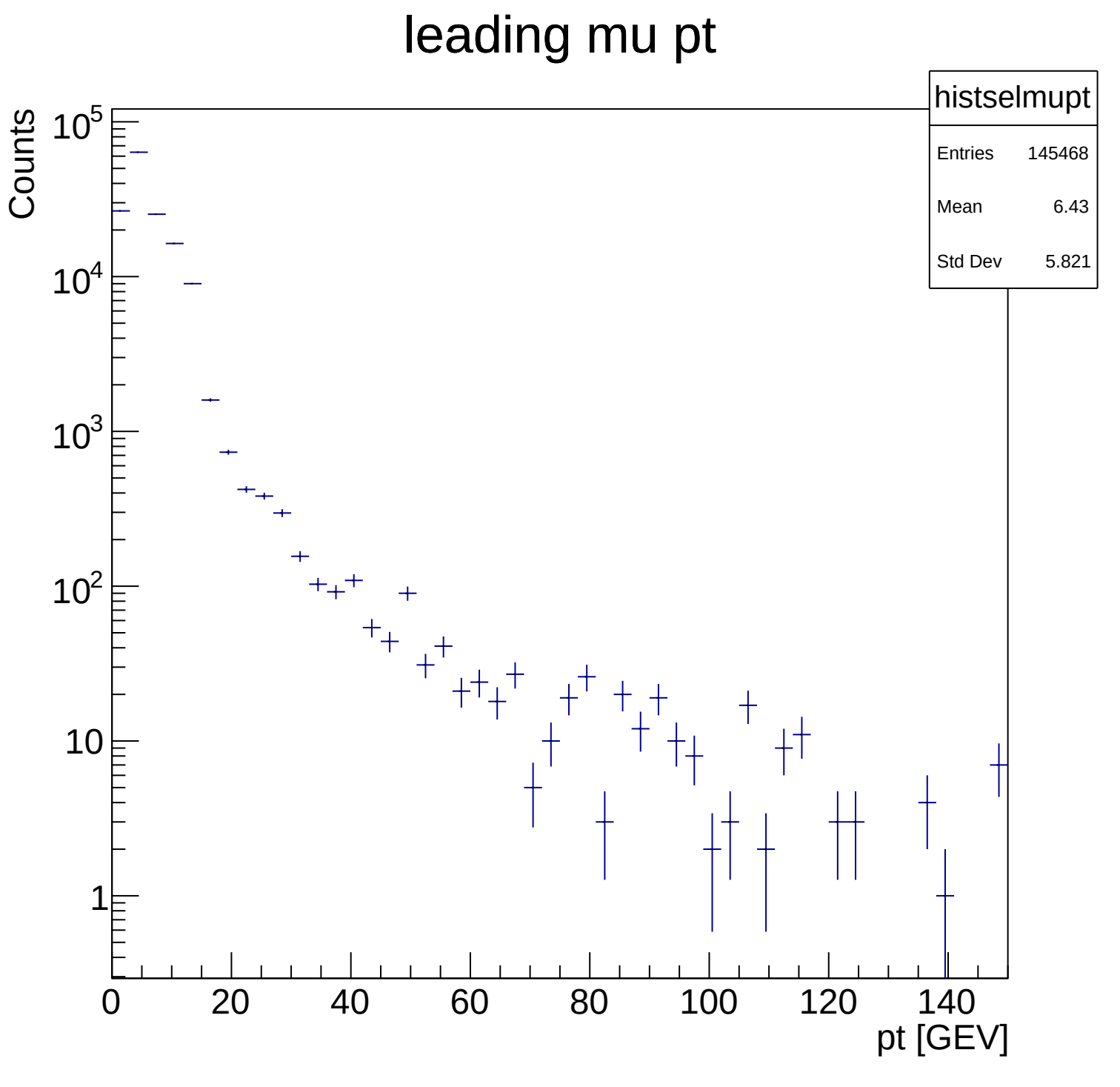

leading mu phi
histeffmuphi
Entries 8176
Mean 0.01181
Std Dev 2.078
efficiency
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
−6
−4
−2
0
2
4
6
phi

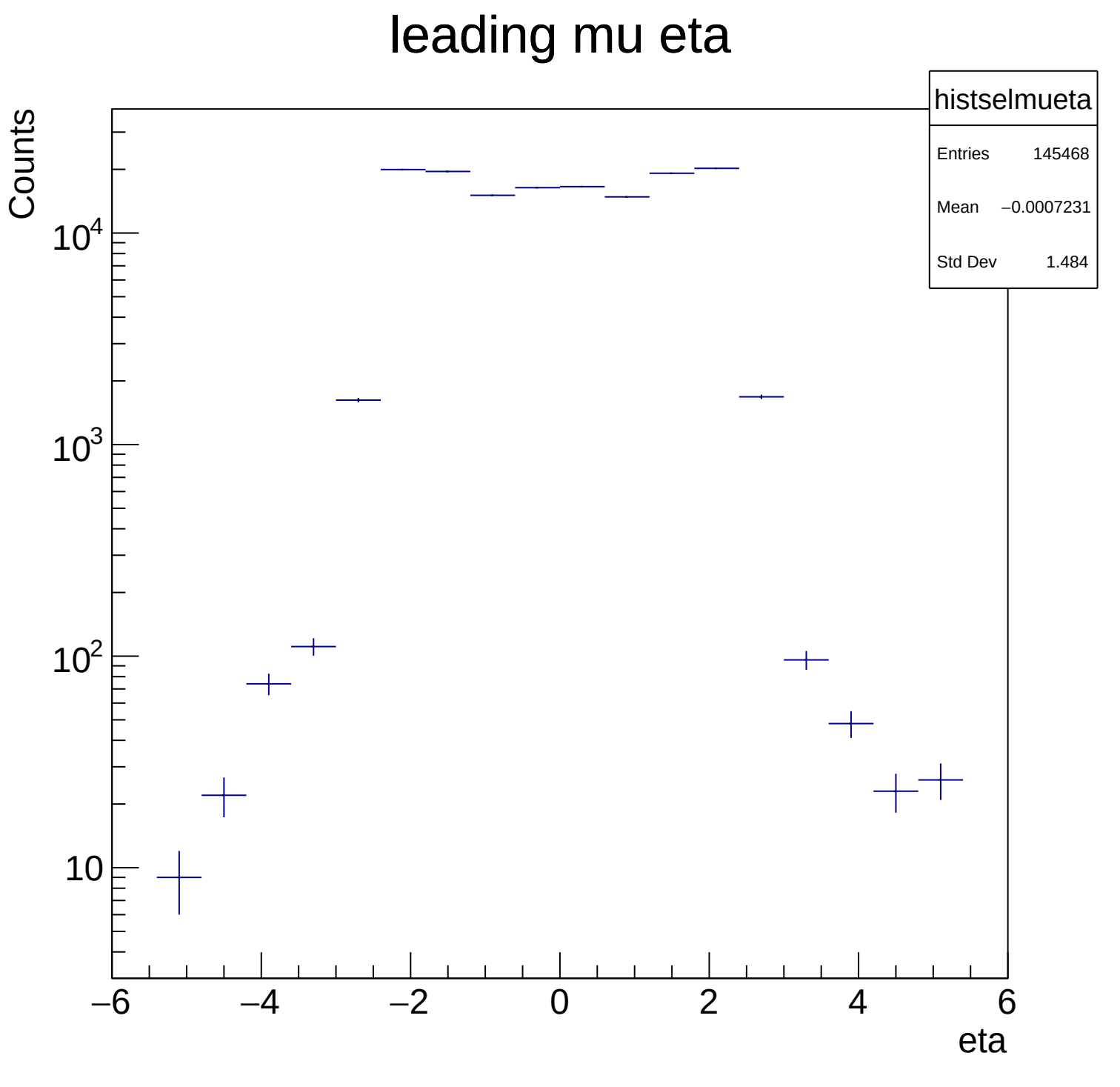

Met
histselmet
Entries 145468
Mean 68.98
Std Dev 41.36
Counts
10^4
10^3
10^2
10
0
50
100
150
200
250
300
MET [GeV]

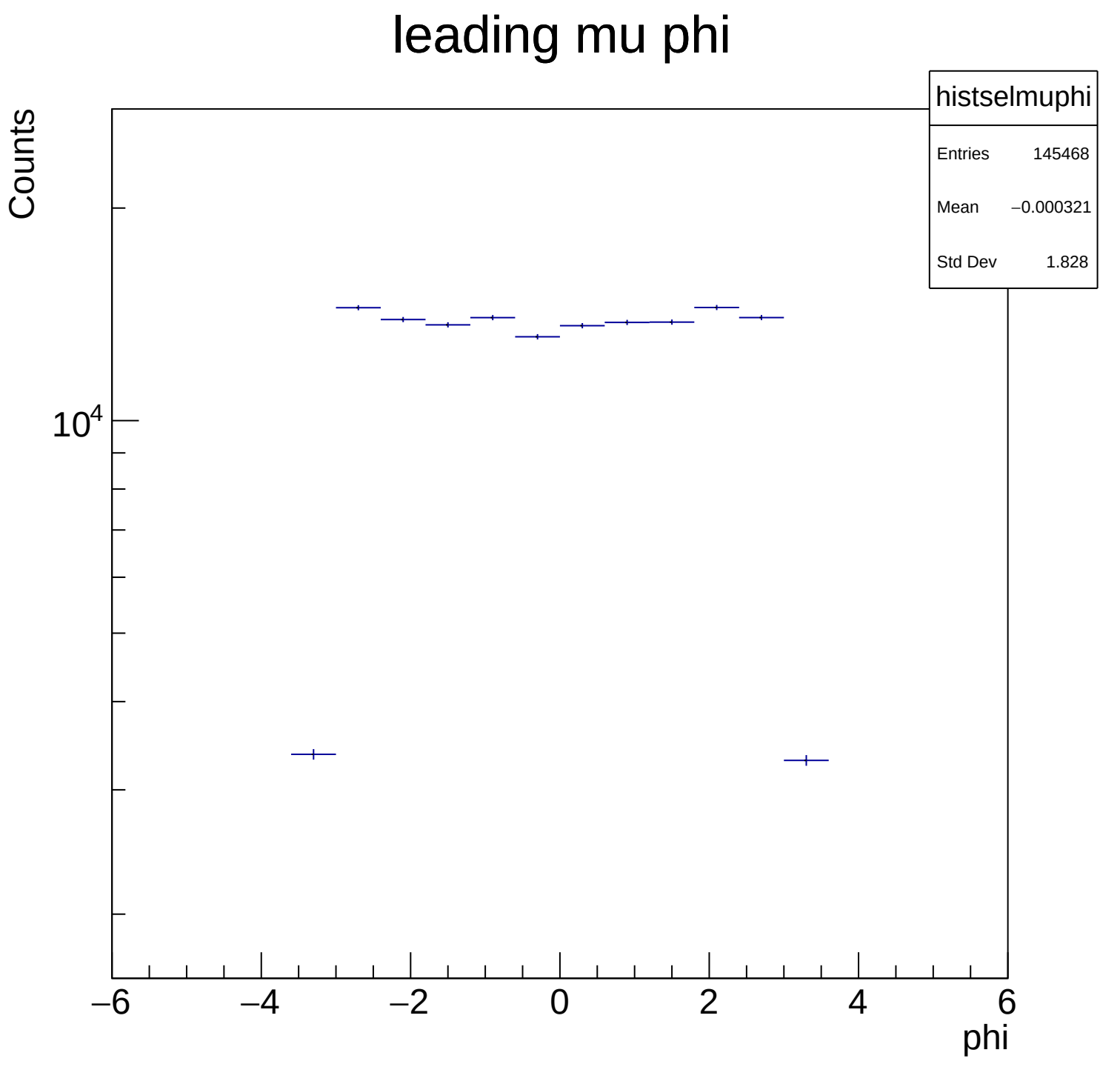

leading jet pt
histseljetpt
Entries 145468
Mean 68.13
Std Dev 43.06
Counts
10^4
10^3
10^2
10
1
0
50
100
150
200
250
300
350
400
450
500
pt [GeV]

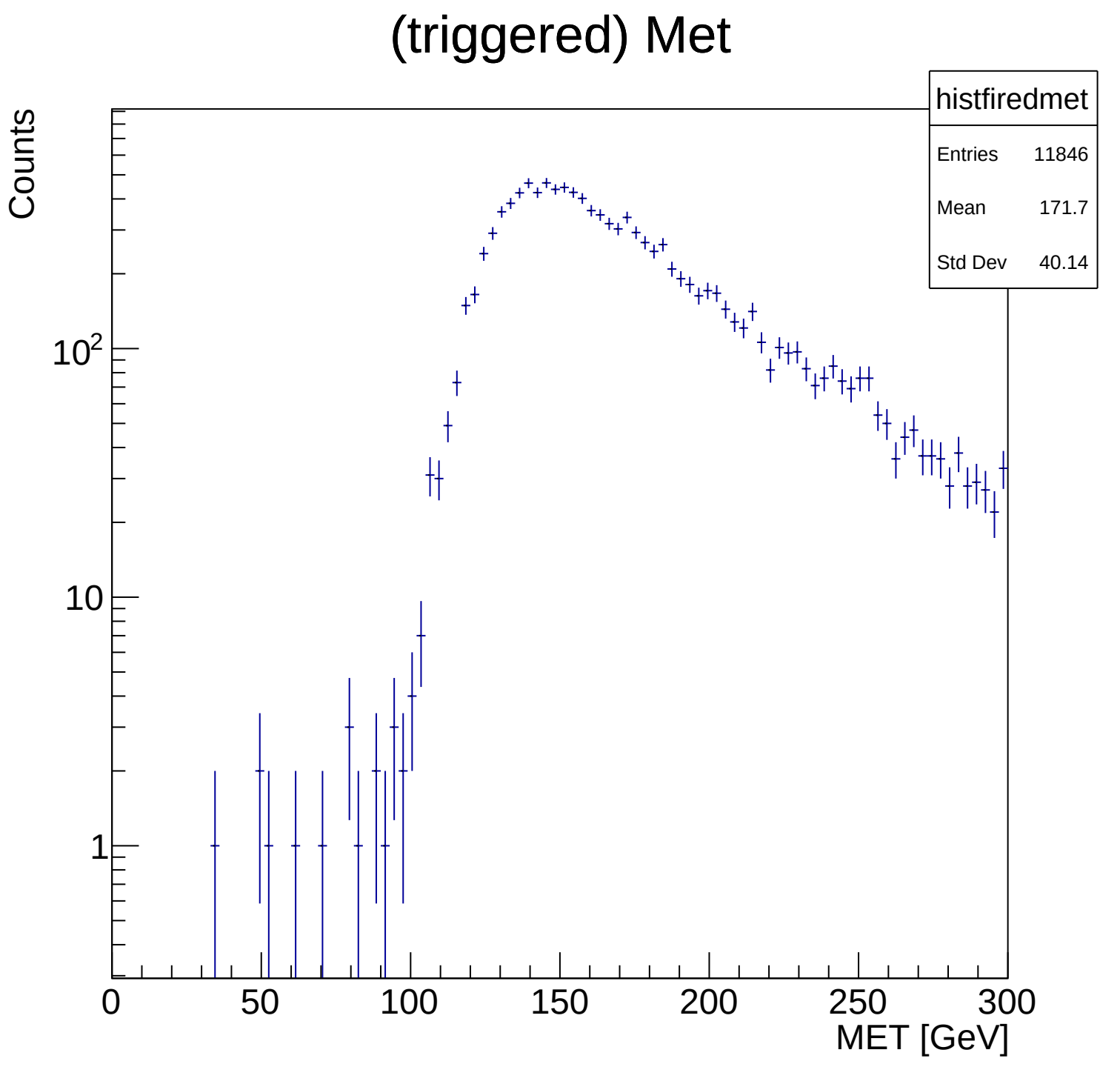

leading jet eta
histseljeteta
Entries 145468
Mean −0.00779
Std Dev 1.609
Counts
10^4
10^3
10^2
10
1
−6
−4
−2
0
2
4
6
eta

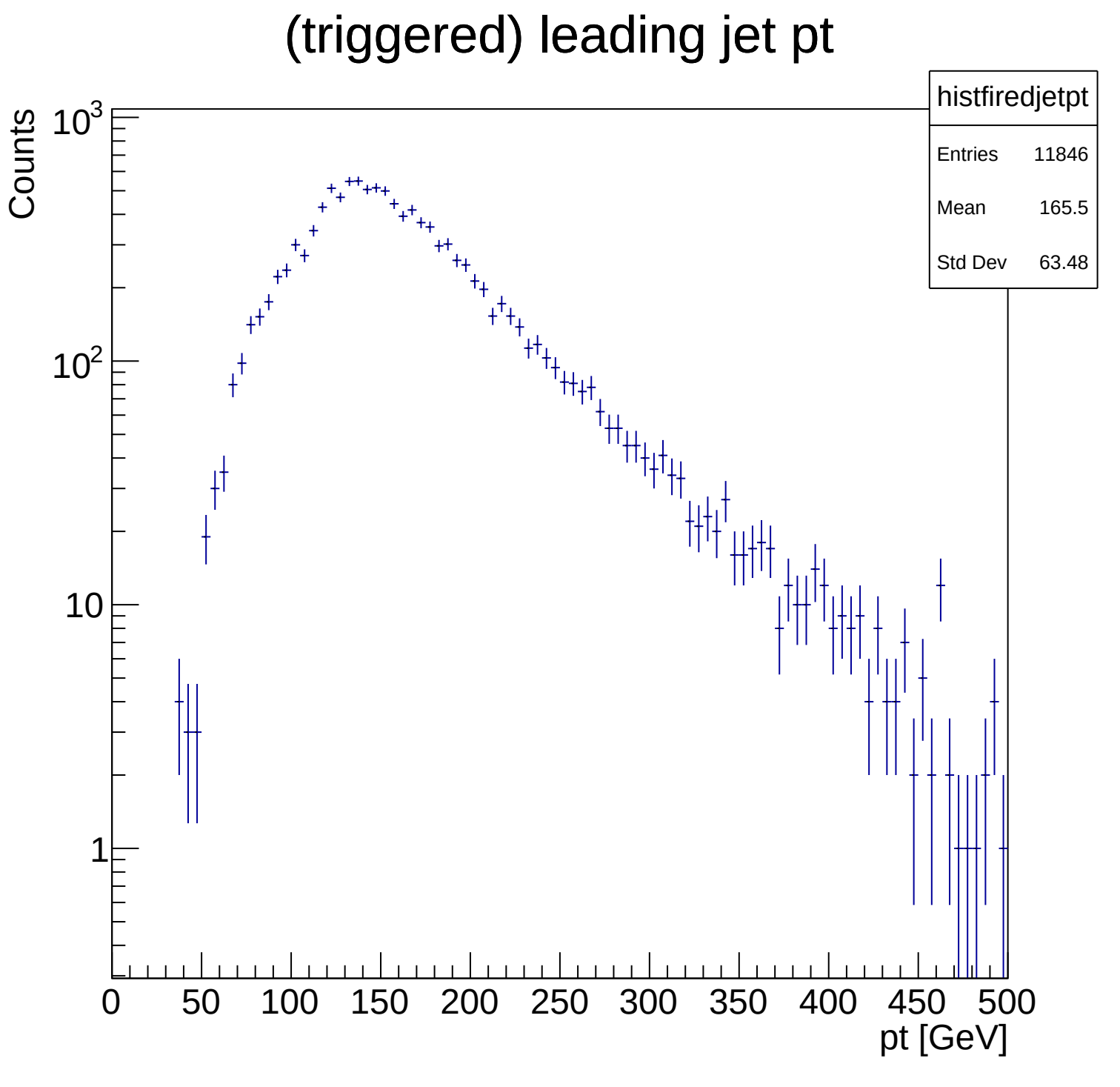

leading jet phi
histseljetphi
Entries 145468
Mean 7.154e−05
Std Dev 1.808
Counts
10^4
−6
−4
−2
0
2
4
6
phi

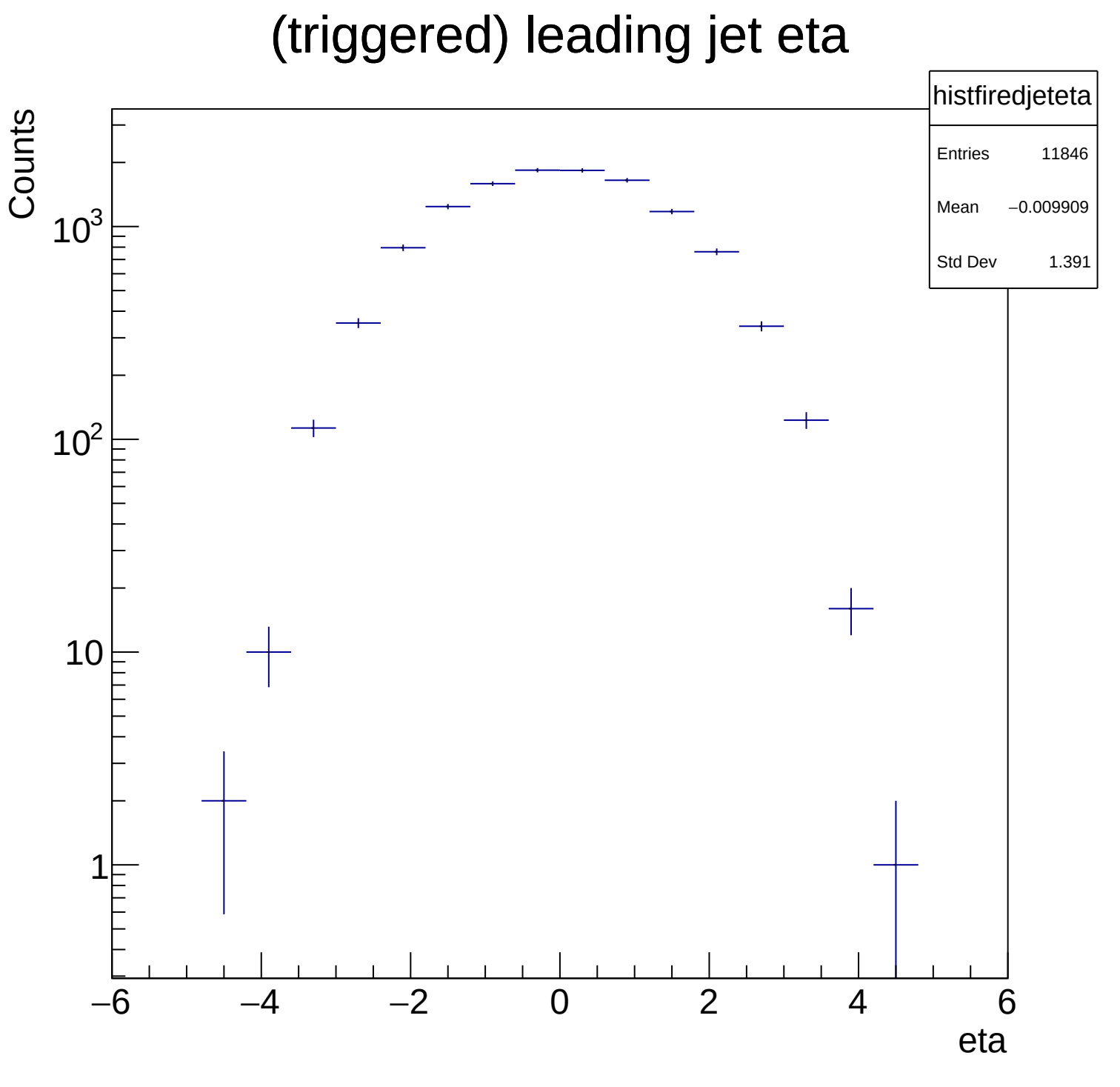

leading mu pt
histselmupt
Entries 145468
Mean 6.43
Std Dev 5.821
Counts
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
pt [GEV]

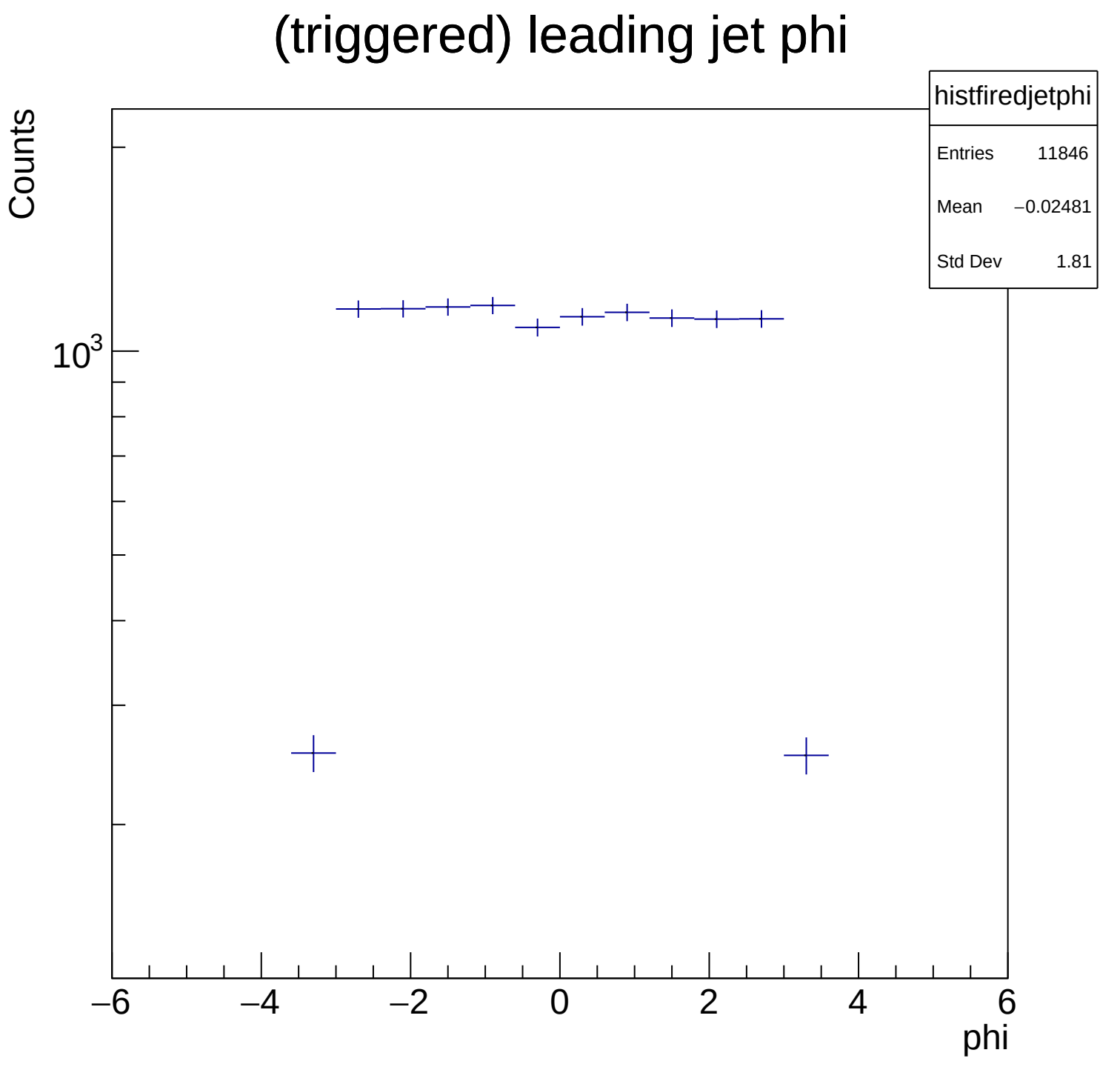

leading mu eta
histselmueta
Entries 145468
Mean −0.0007231
Std Dev 1.484
Counts
10^4
10^3
10^2
10
−6
−4
−2
0
2
4
6
eta

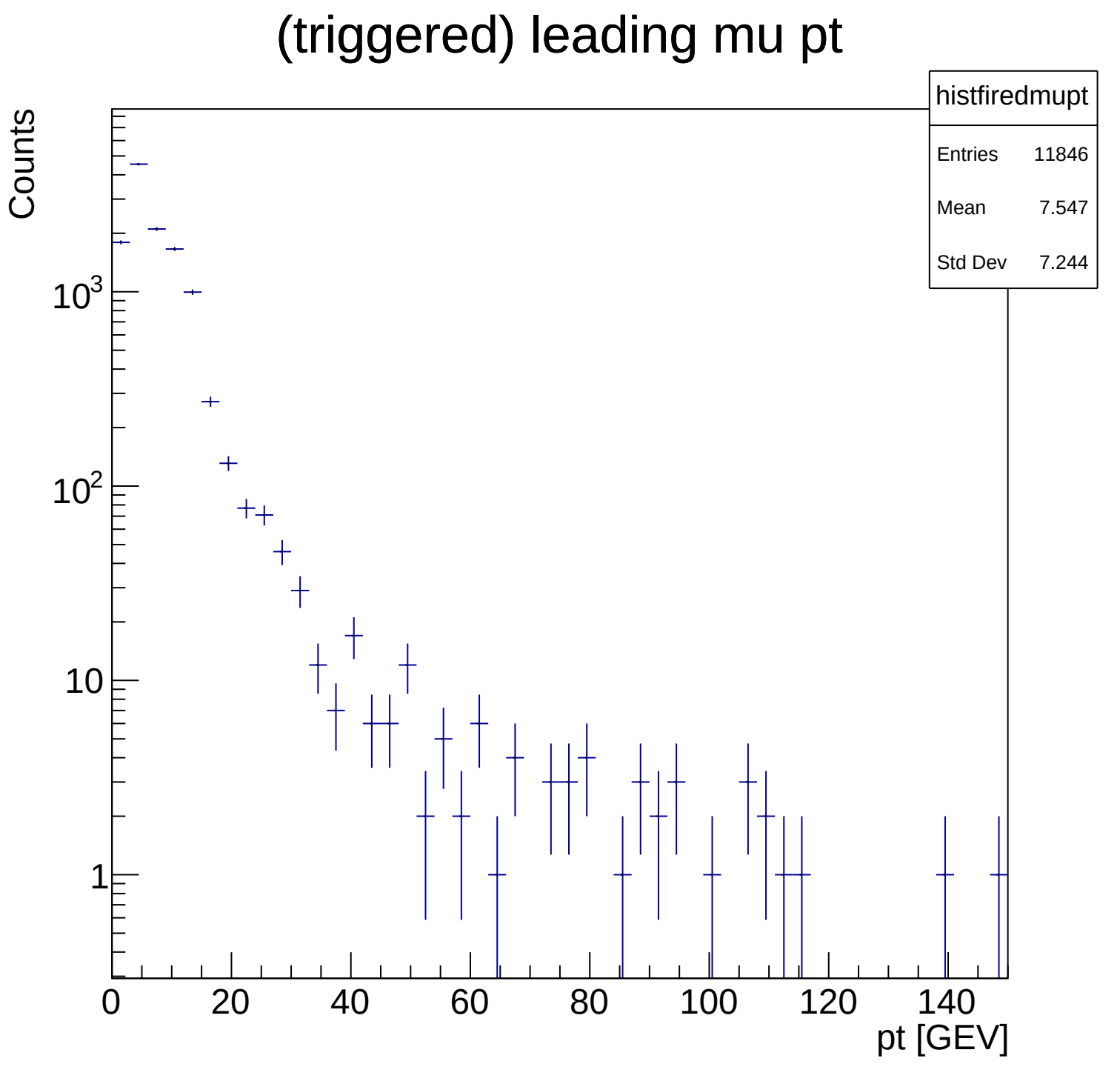

leading mu phi
histselmuphi
Entries 145468
Mean −0.000321
Std Dev 1.828
Counts
10^4
−6
−4
−2
0
2
4
6
phi

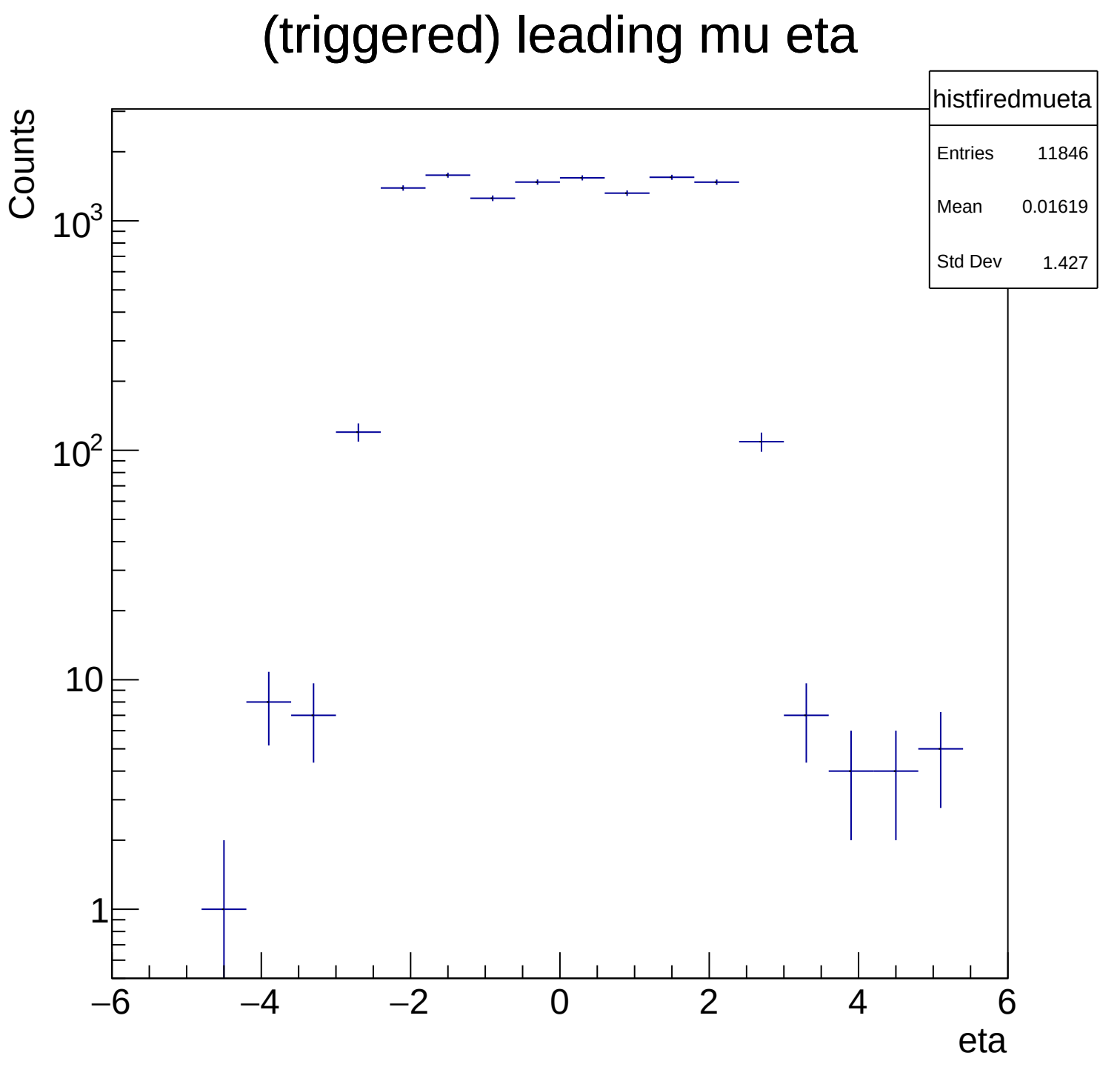

(triggered) Met
histfiredmet
Entries 11846
Mean 171.7
Std Dev 40.14
Counts
10^2
10
1
0
50
100
150
200
250
300
MET [GeV]

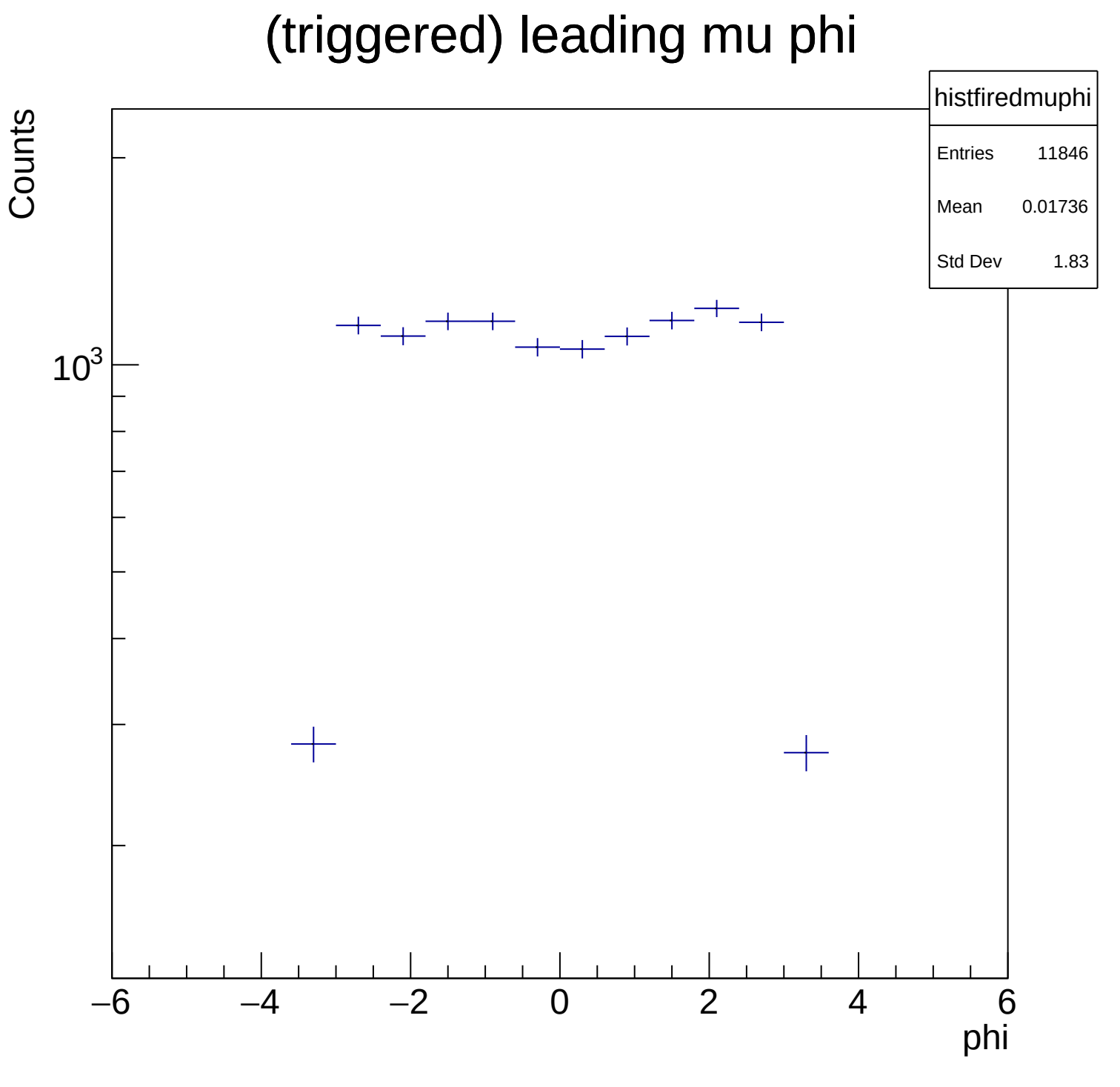

(triggered) leading jet pt
histfiredjetpt
Entries 11846
Mean 165.5
Std Dev 63.48
Counts
10^3
10^2
10
1
0
50
100
150
200
250
300
350
400
450
500
pt [GeV]


(triggered) leading jet eta
histfiredjeteta
Entries 11846
Mean −0.009909
Std Dev 1.391
Counts
10^3
10^2
10
1
−6
−4
−2
0
2
4
6
eta


(triggered) leading jet phi
histfiredjetphi
Entries 11846
Mean −0.02481
Std Dev 1.81
Counts
10^3
−6
−4
−2
0
2
4
6
phi


(triggered) leading mu pt
histfiredmupt
Entries 11846
Mean 7.547
Std Dev 7.244
Counts
10^3
10^2
10
1
0
20
40
60
80
100
120
140
pt [GEV]


(triggered) leading mu eta
histfiredmueta
Entries 11846
Mean 0.01619
Std Dev 1.427
Counts
10^3
10^2
10
1
–6
–4
–2
0
2
4
6
eta


(triggered) leading mu phi
histfiredmuphi
Entries 11846
Mean 0.01736
Std Dev 1.83
Counts
10^3
–6
–4
–2
0
2
4
6
phi