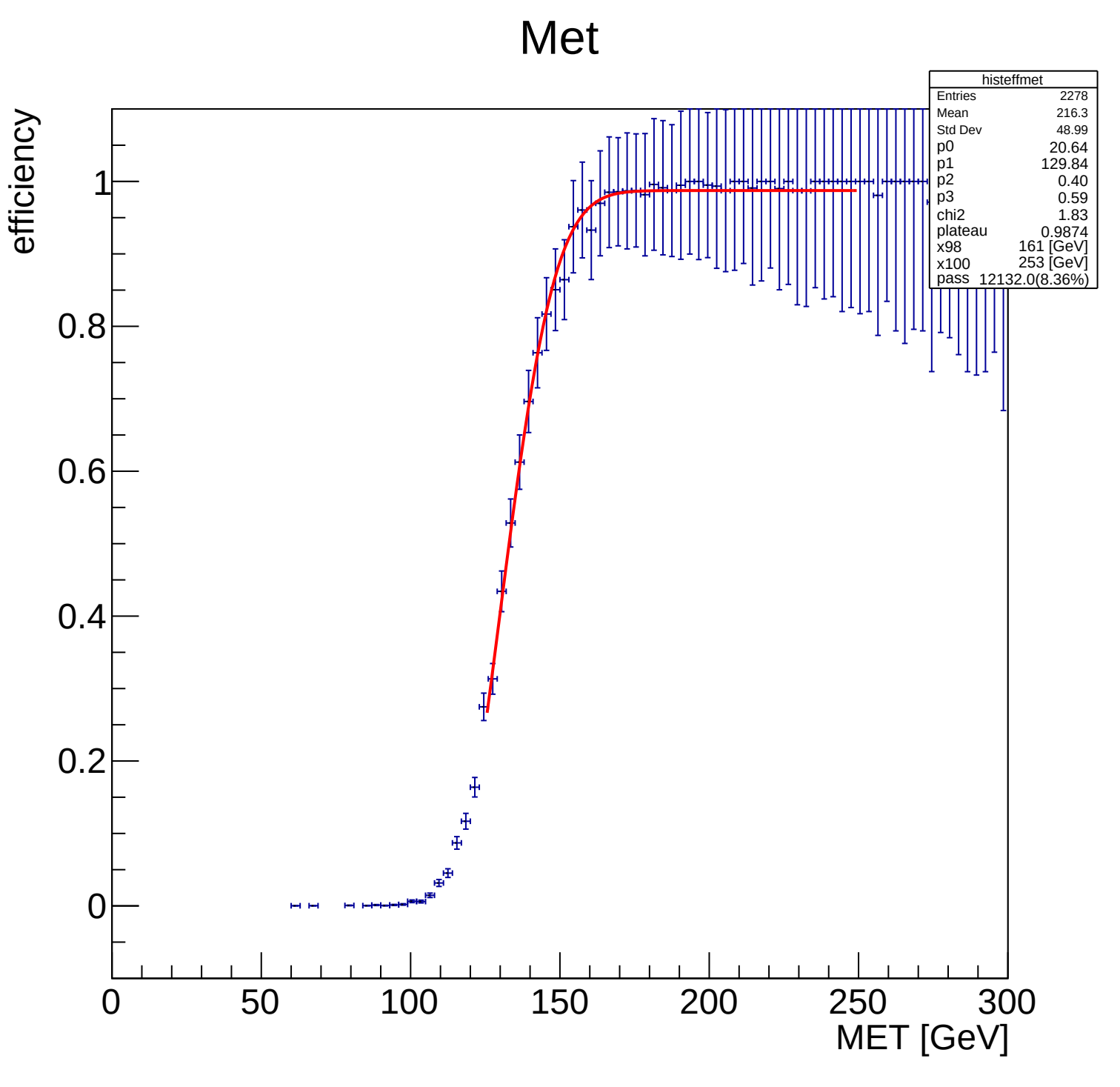
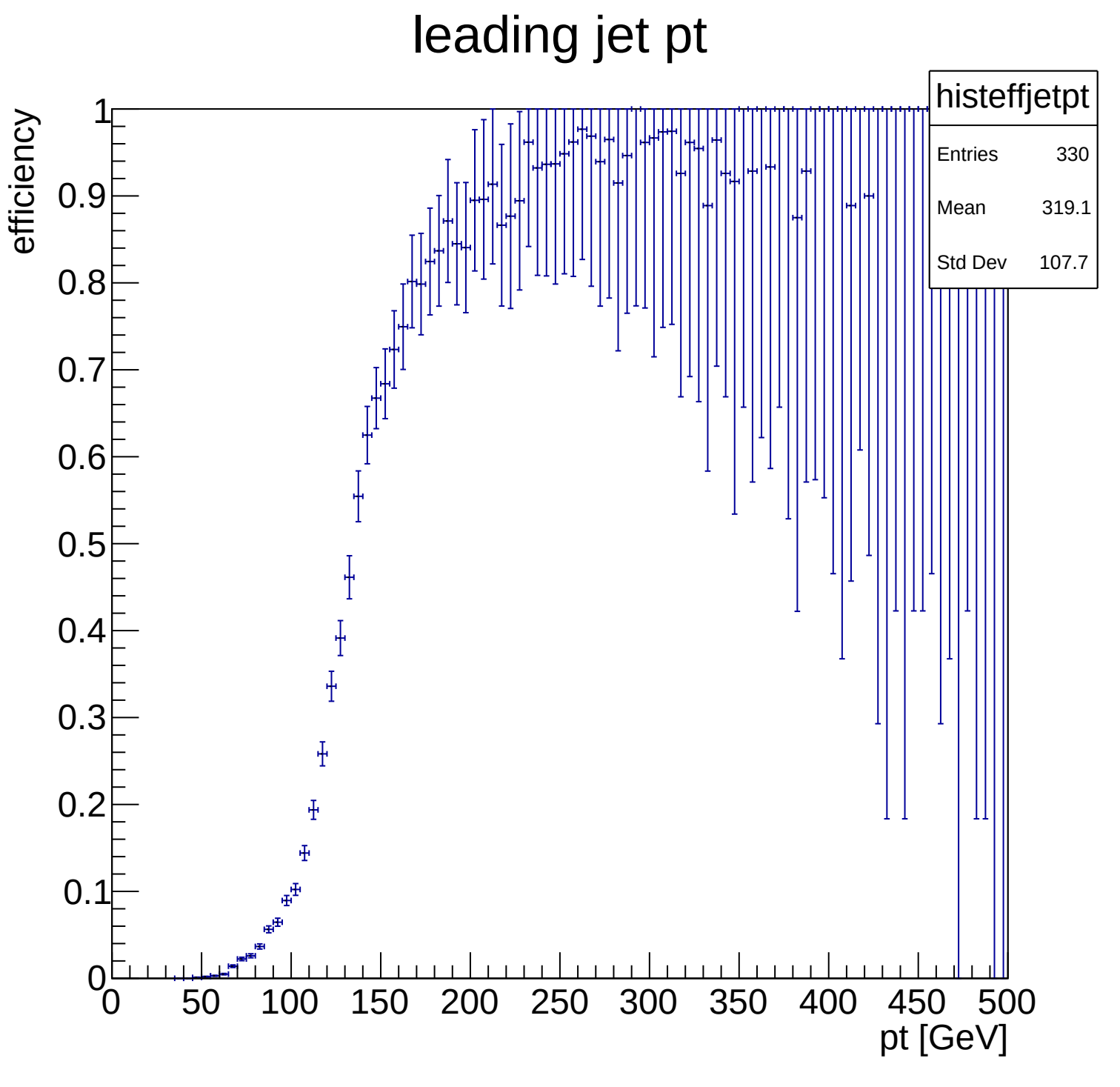
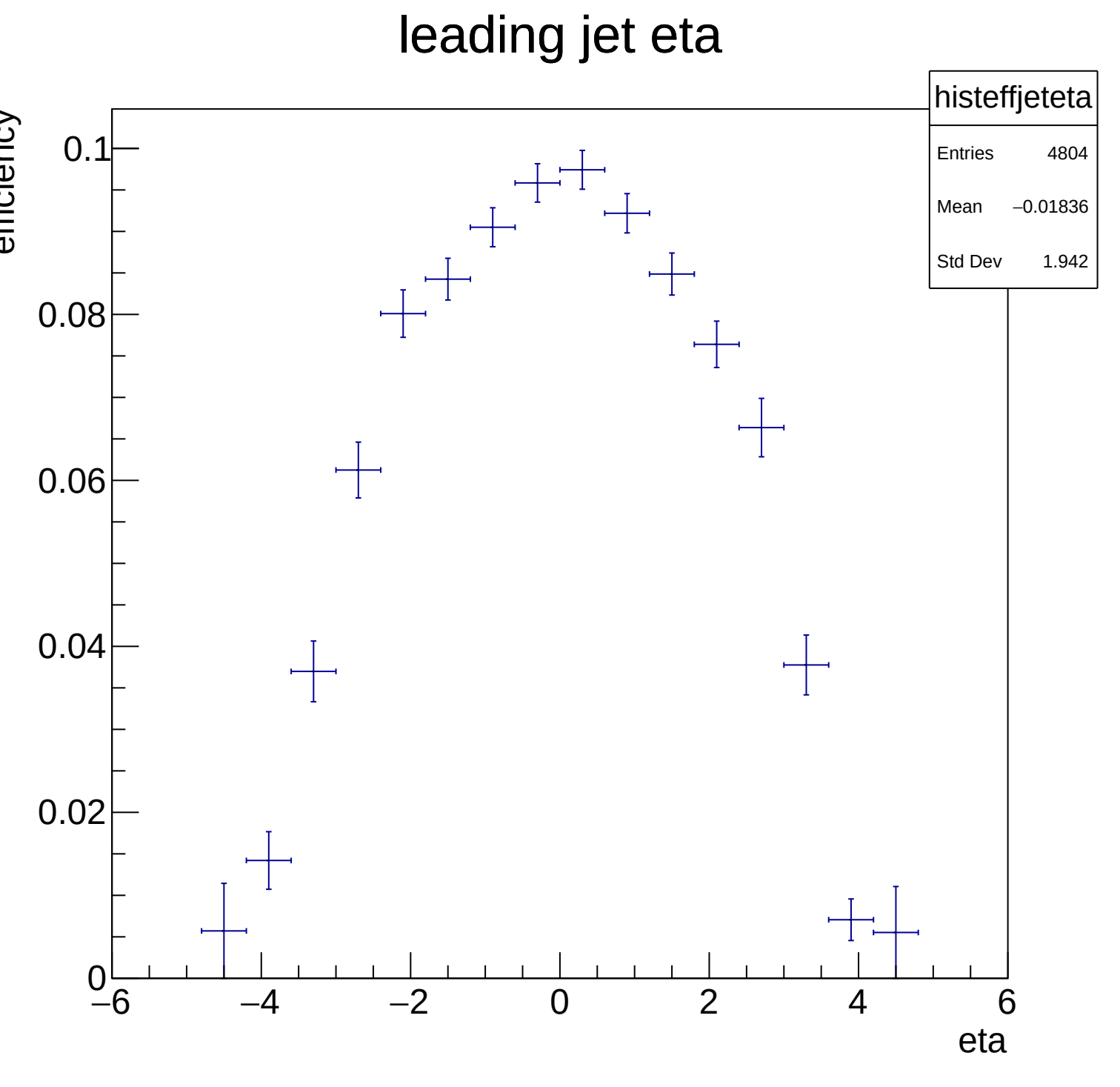
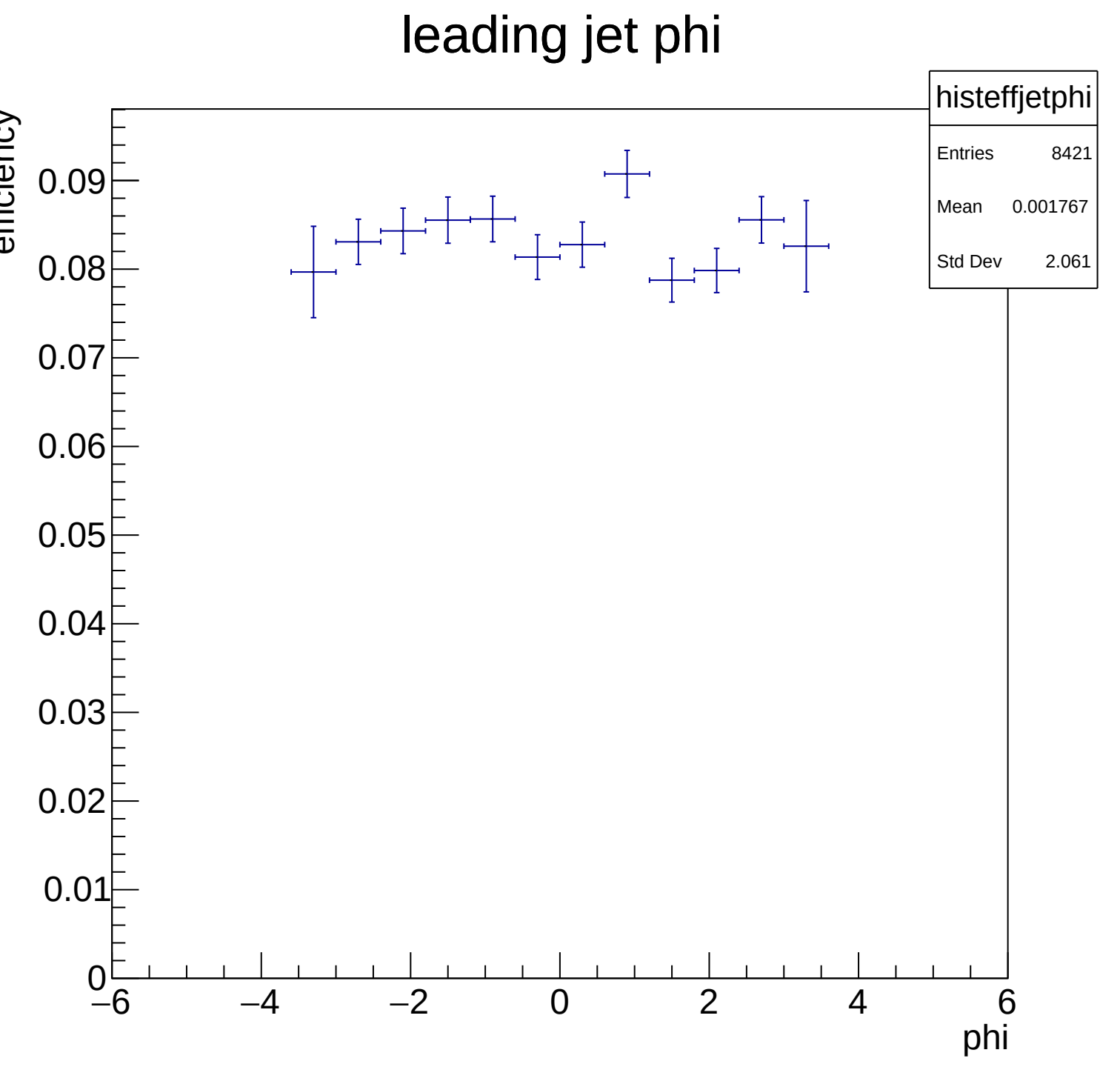
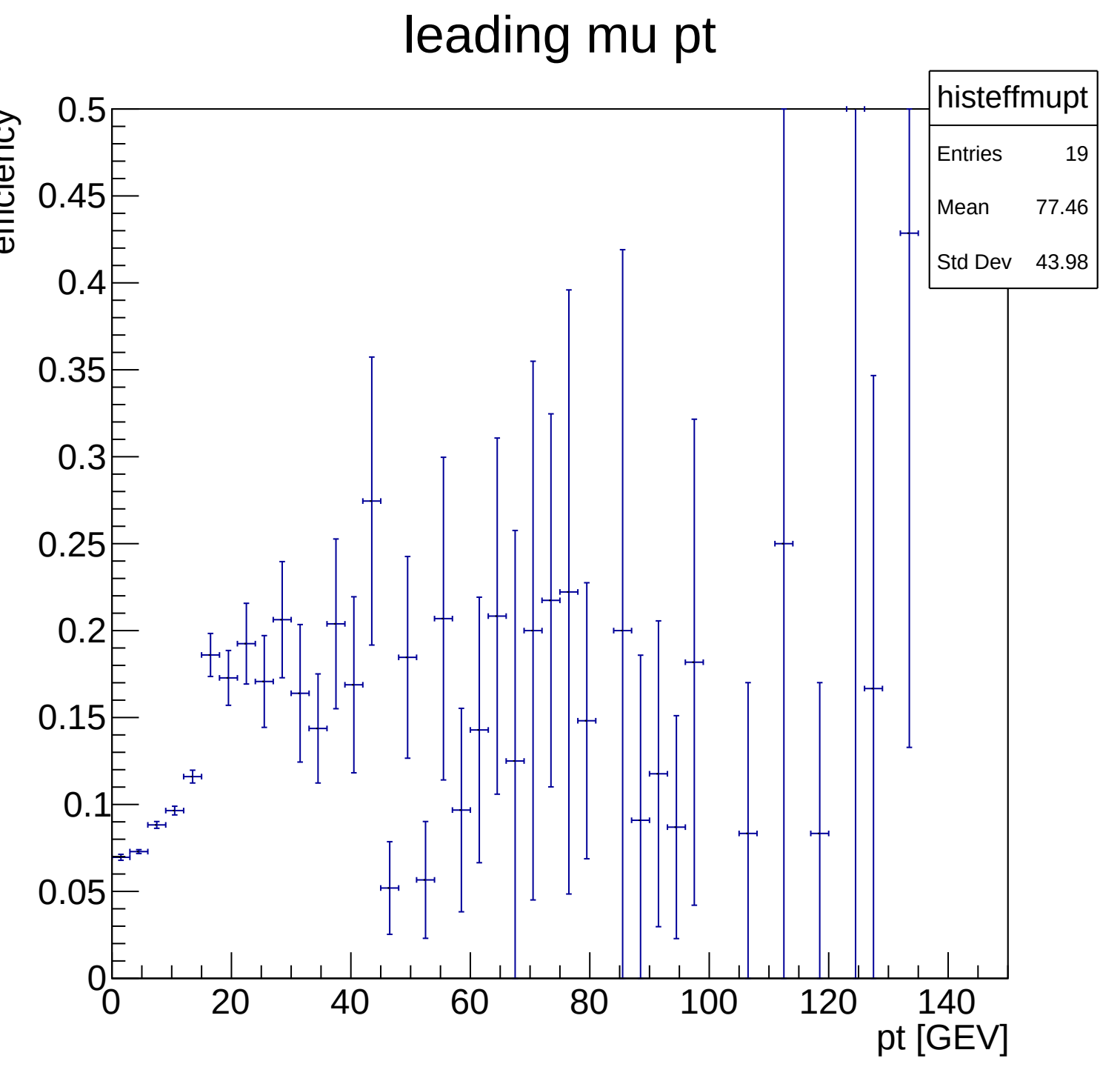
Mchi-52p5_dMchi-5_100mm

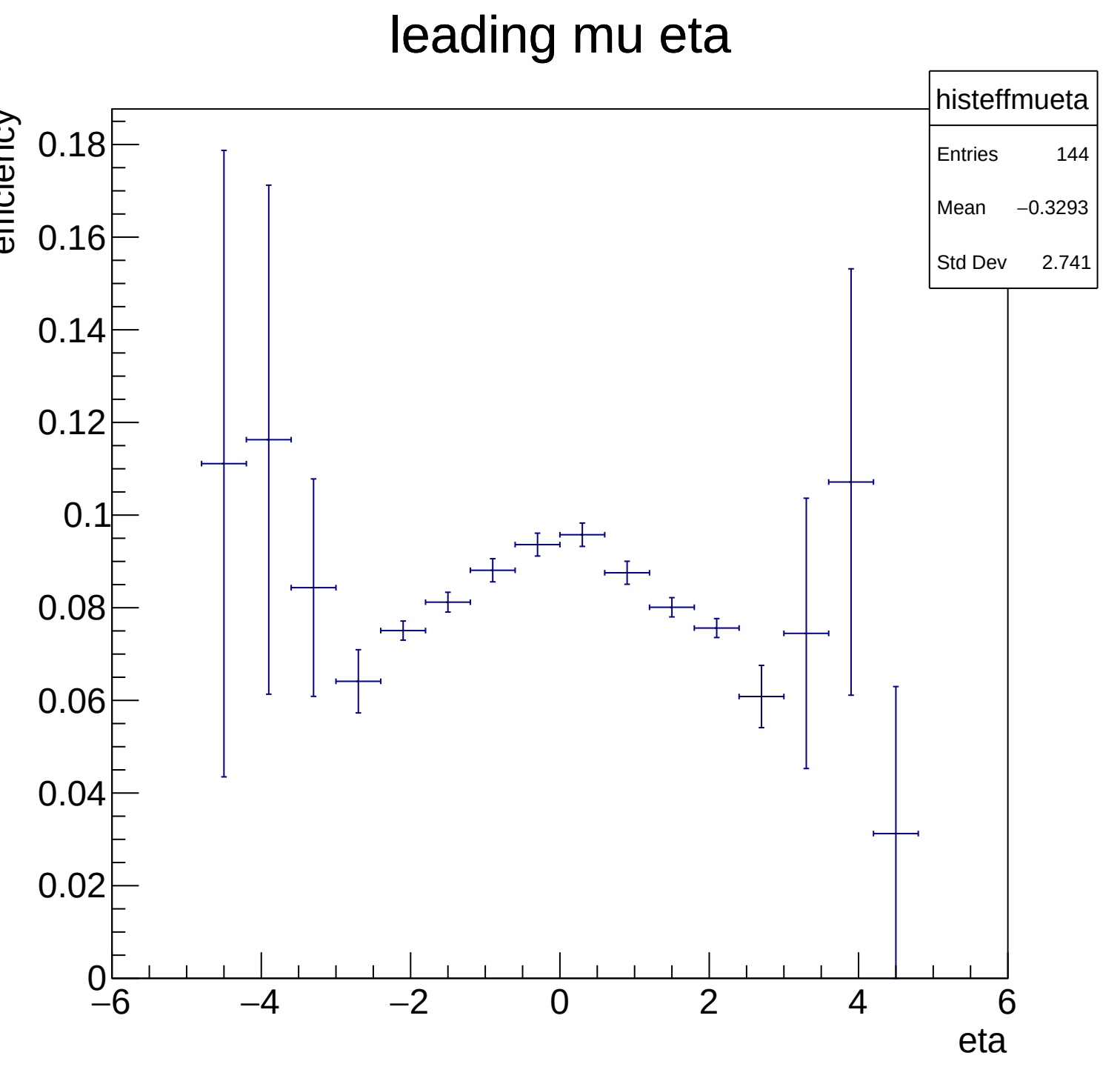

Met
histeffmet
Entries 2278
Mean 216.3
Std Dev 48.99
p0 20.64
p1 129.84
p2 0.40
p3 0.59
chi2 1.83
plateau 0.9874
x98 161 [GeV]
x100 253 [GeV]
pass 12132.0(8.36%)
efficiency
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
MET [GeV]

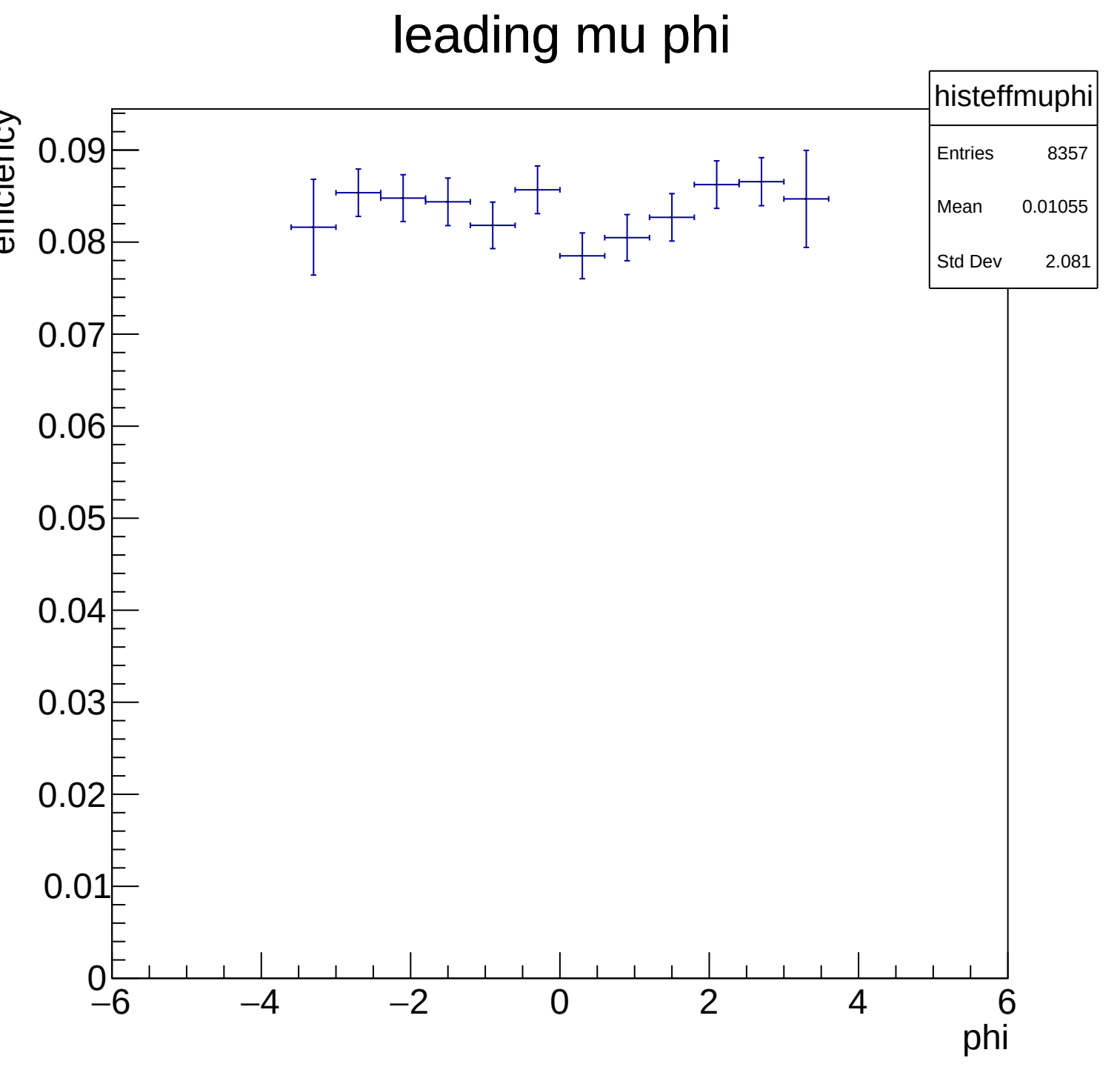

leading jet pt
histeffjetpt
Entries 330
Mean 319.1
Std Dev 107.7
efficiency
pt [GeV]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350
400
450
500

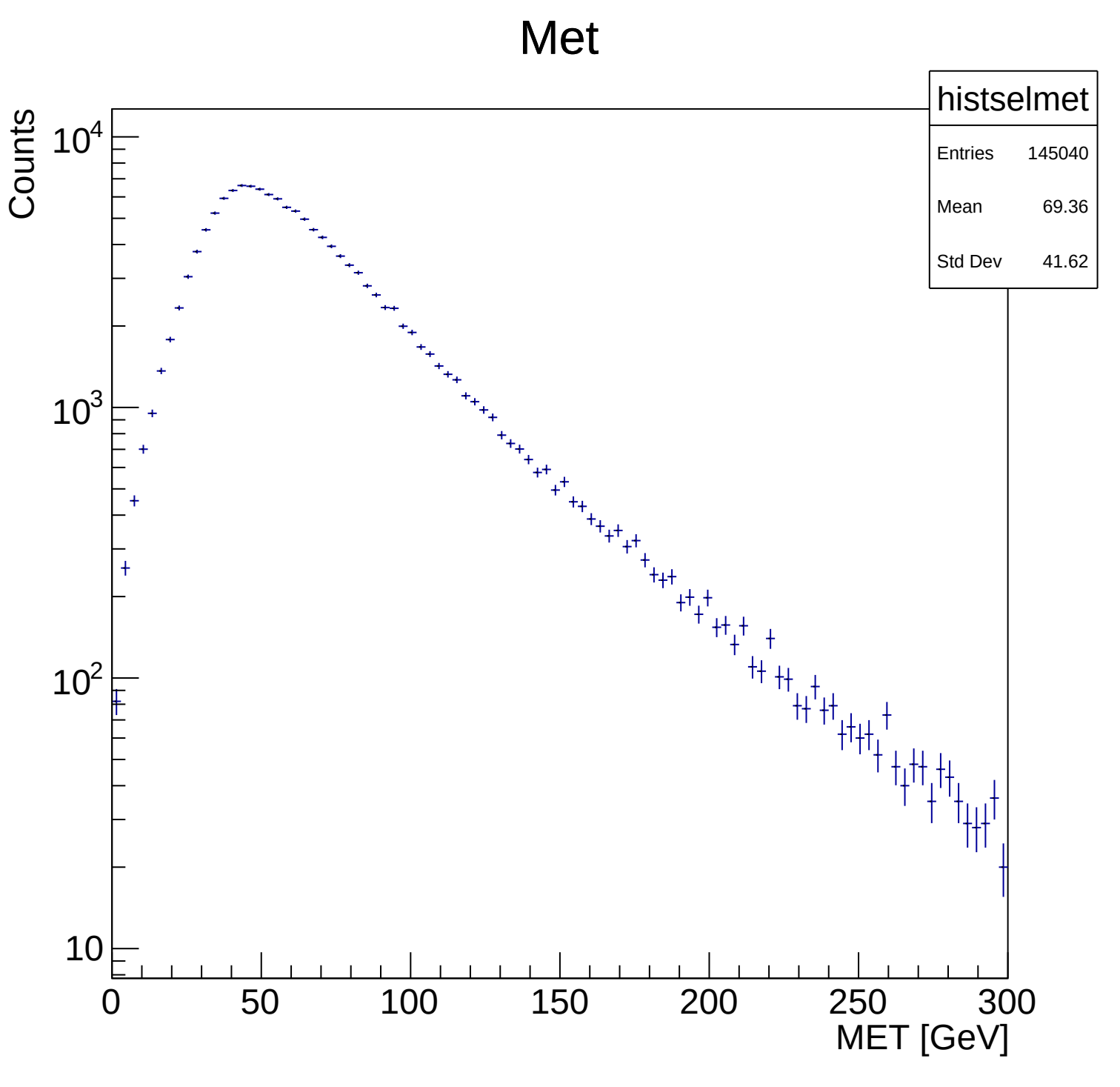

leading jet eta
histeffjeteta
Entries 4804
Mean −0.01836
Std Dev 1.942
efficiency
0.1
0.08
0.06
0.04
0.02
0
−6
−4
−2
0
2
4
6
eta

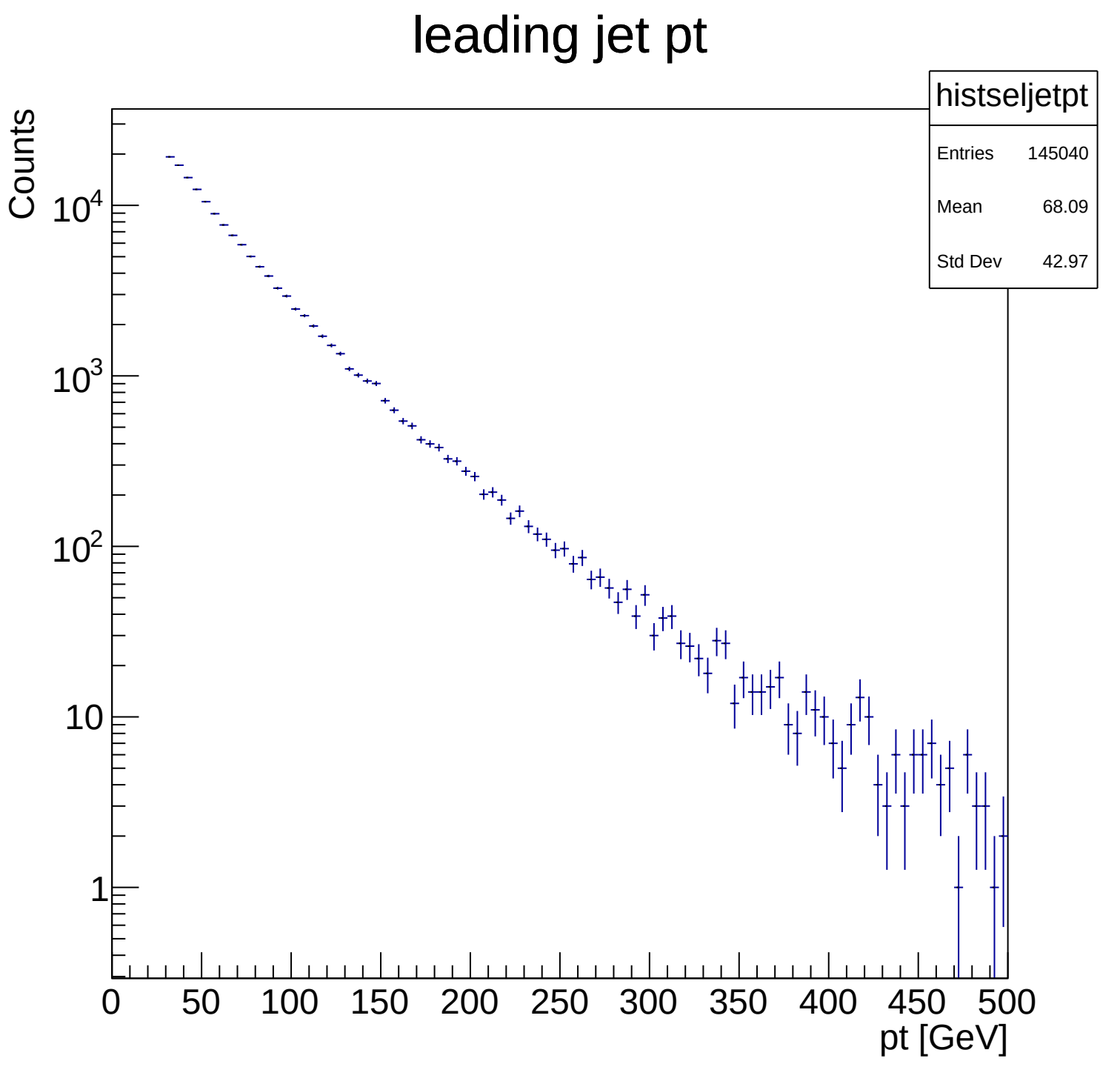

leading jet phi
histeffjetphi
Entries 8421
Mean 0.001767
Std Dev 2.061
efficiency
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
−6
−4
−2
0
2
4
6
phi

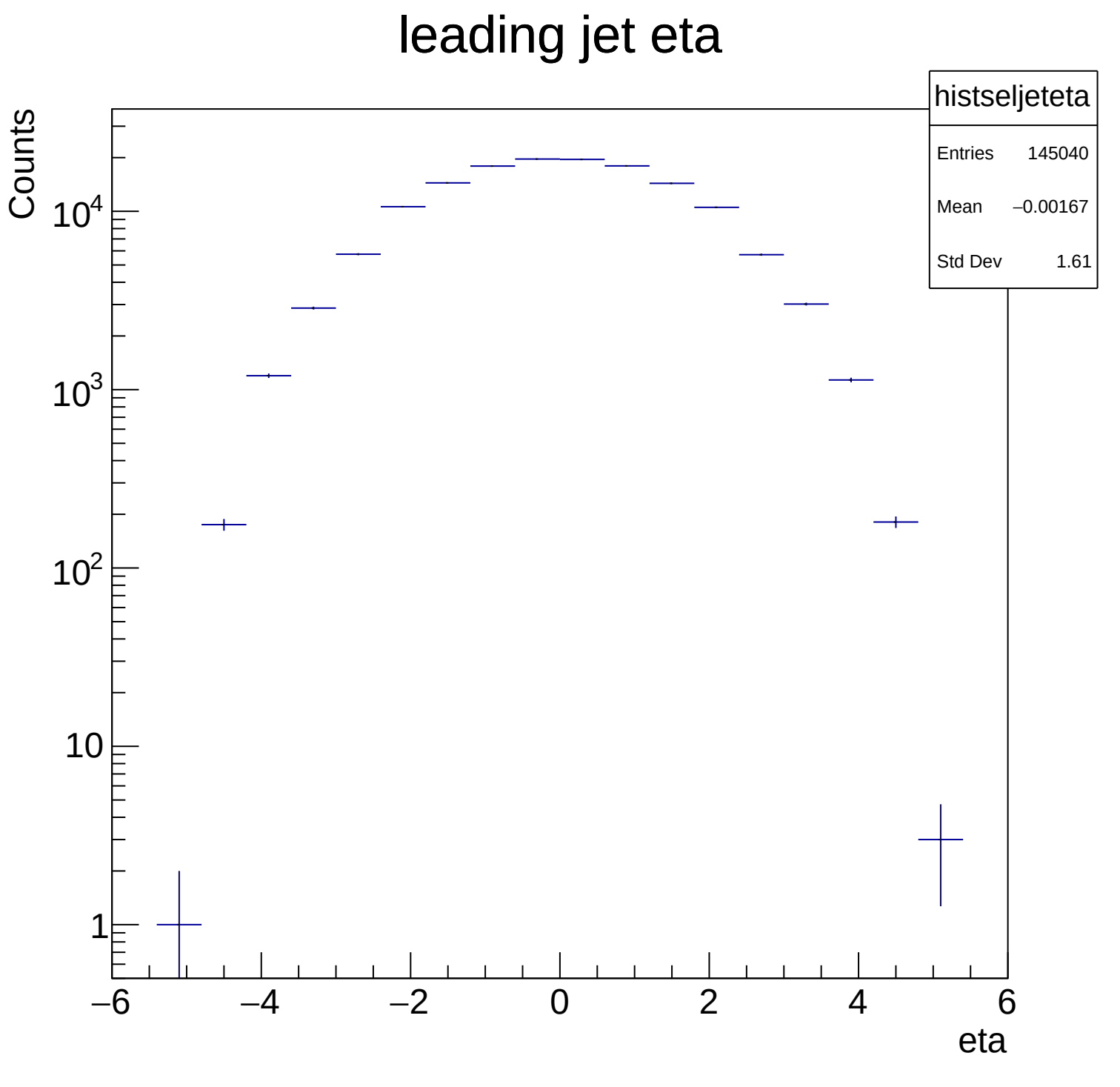

leading mu pt
histeffmupt
Entries 19
Mean 77.46
Std Dev 43.98
efficiency
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
140
pt [GEV]

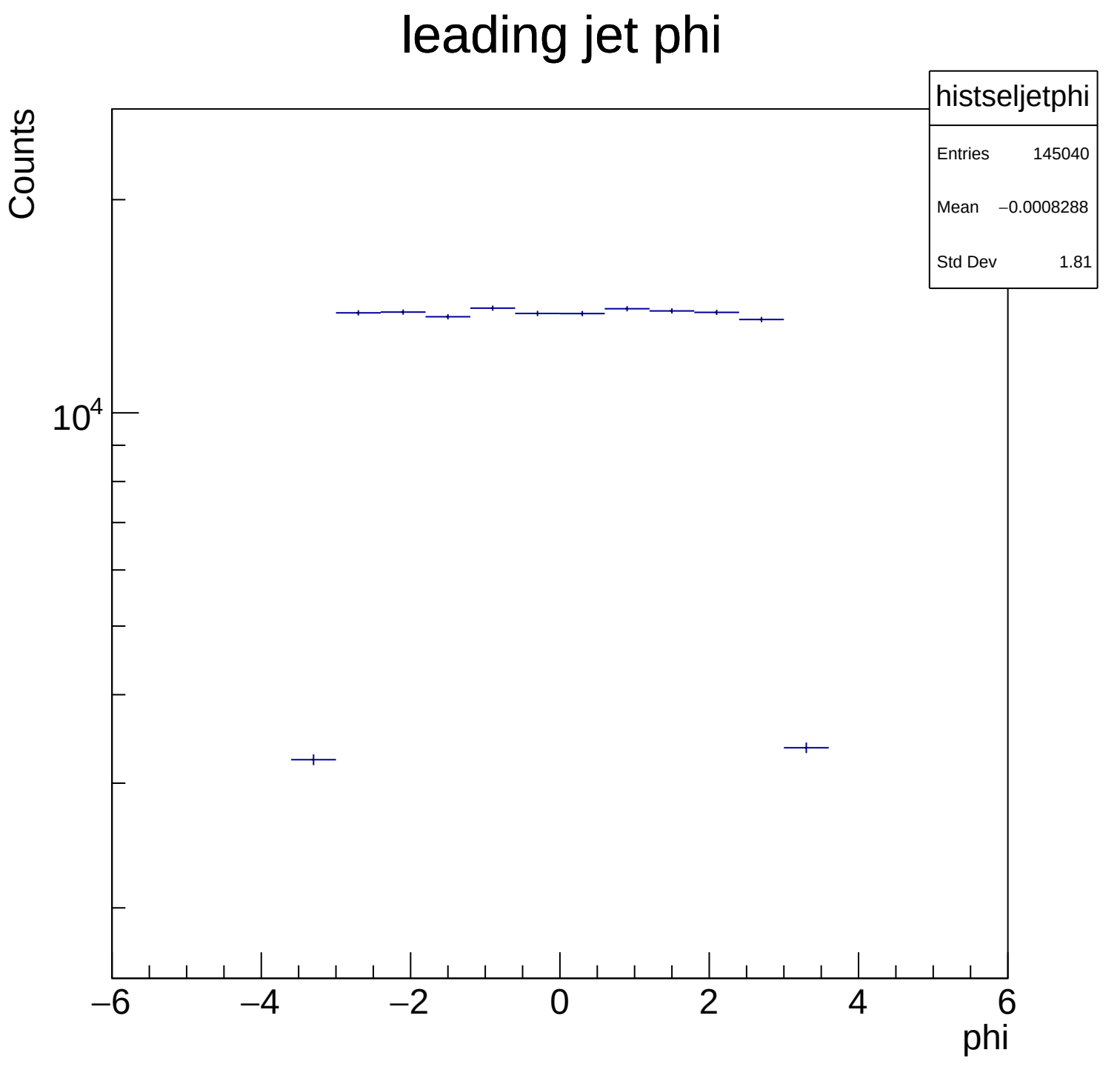

leading mu eta
histeffmueta
Entries 144
Mean −0.3293
Std Dev 2.741
efficiency
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
−6
−4
−2
0
2
4
6
eta

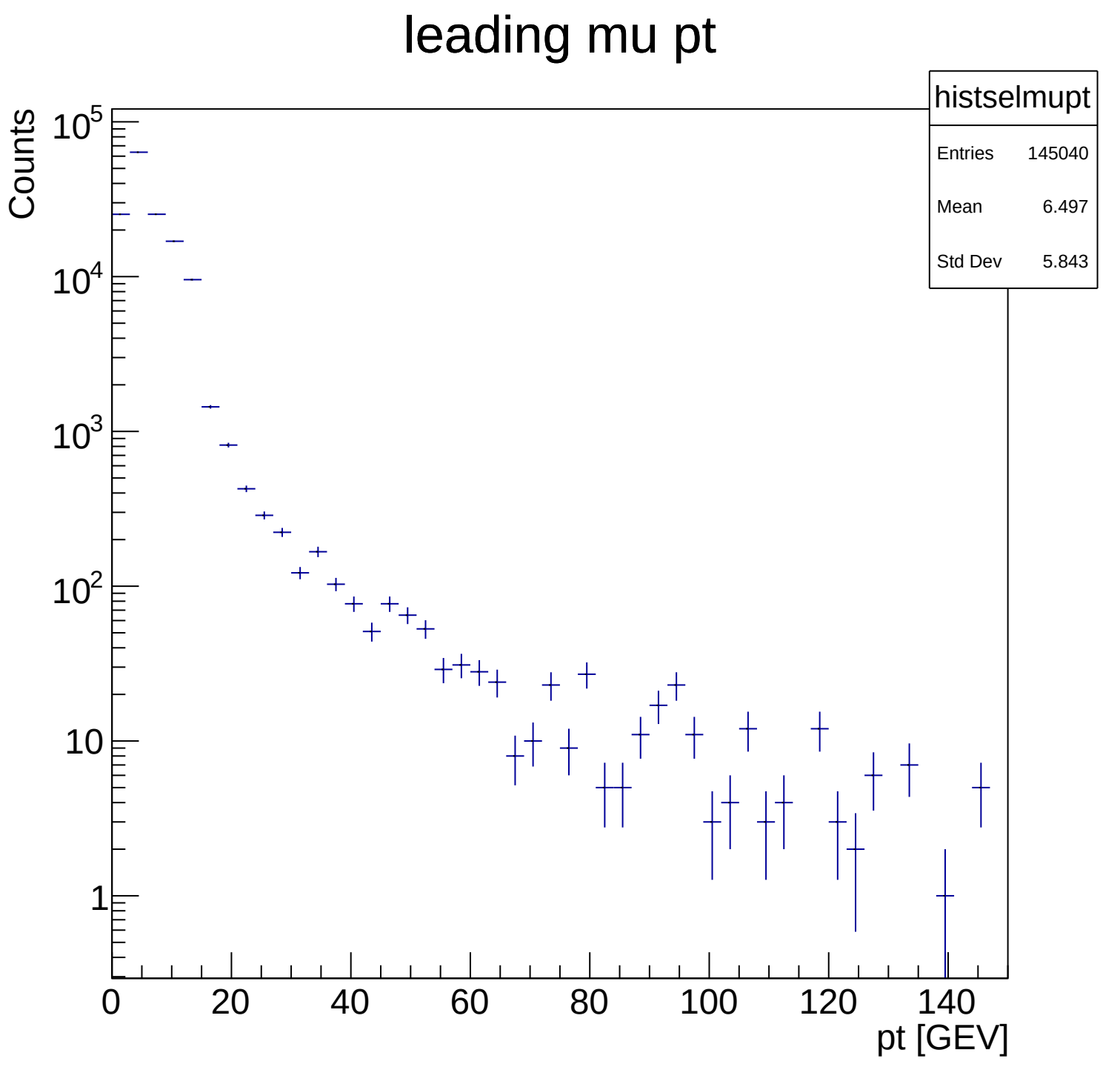

leading mu phi
histeffmuphi
Entries 8357
Mean 0.01055
Std Dev 2.081
efficiency
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
−6
−4
−2
0
2
4
6
phi

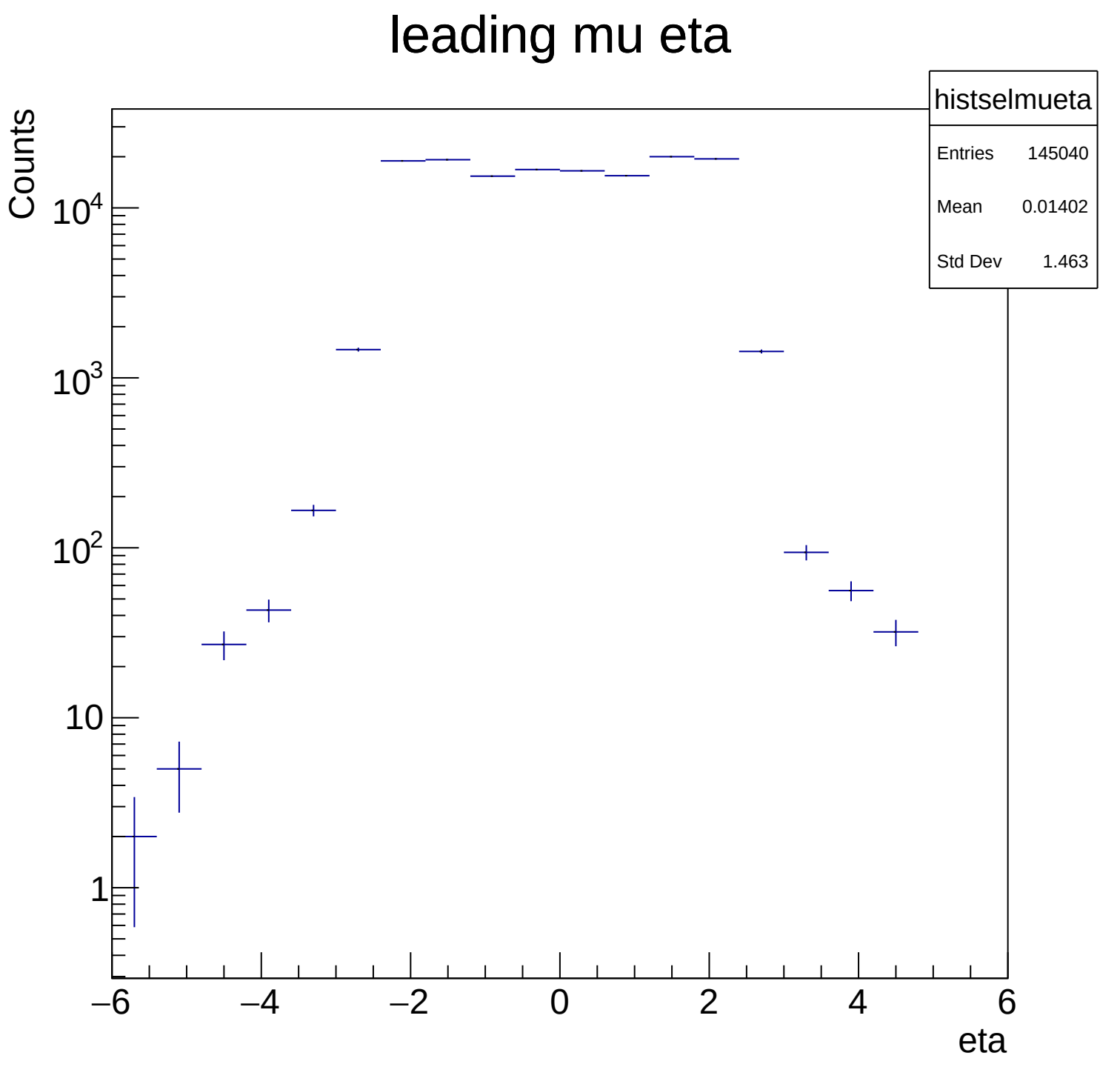

Met
histselmet
Entries 145040
Mean 69.36
Std Dev 41.62
Counts
10^4
10^3
10^2
10
0
50
100
150
200
250
300
MET [GeV]

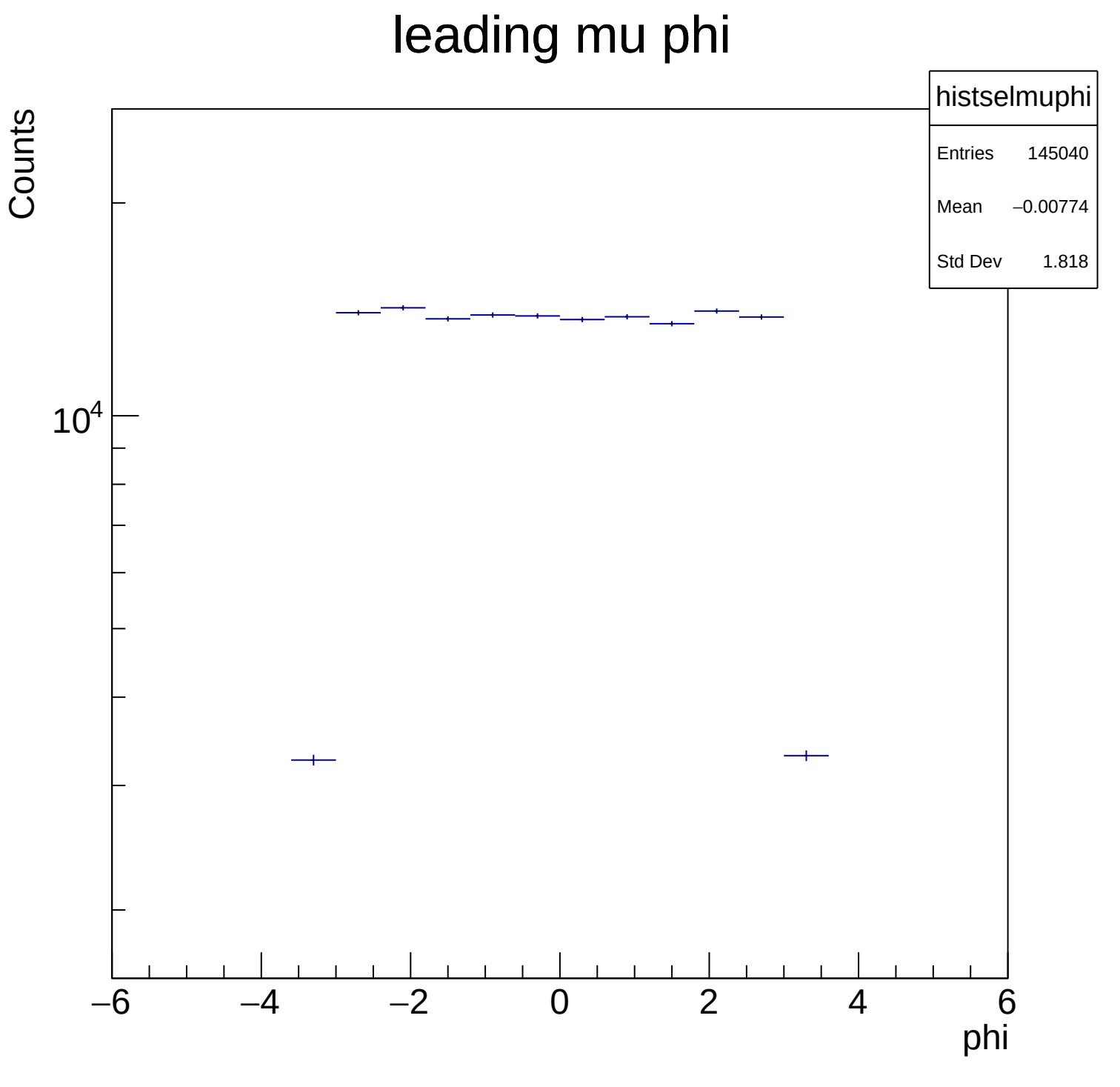

leading jet pt
histseljetpt
Entries 145040
Mean 68.09
Std Dev 42.97
Counts
10^4
10^3
10^2
10
1
0
50
100
150
200
250
300
350
400
450
500
pt [GeV]

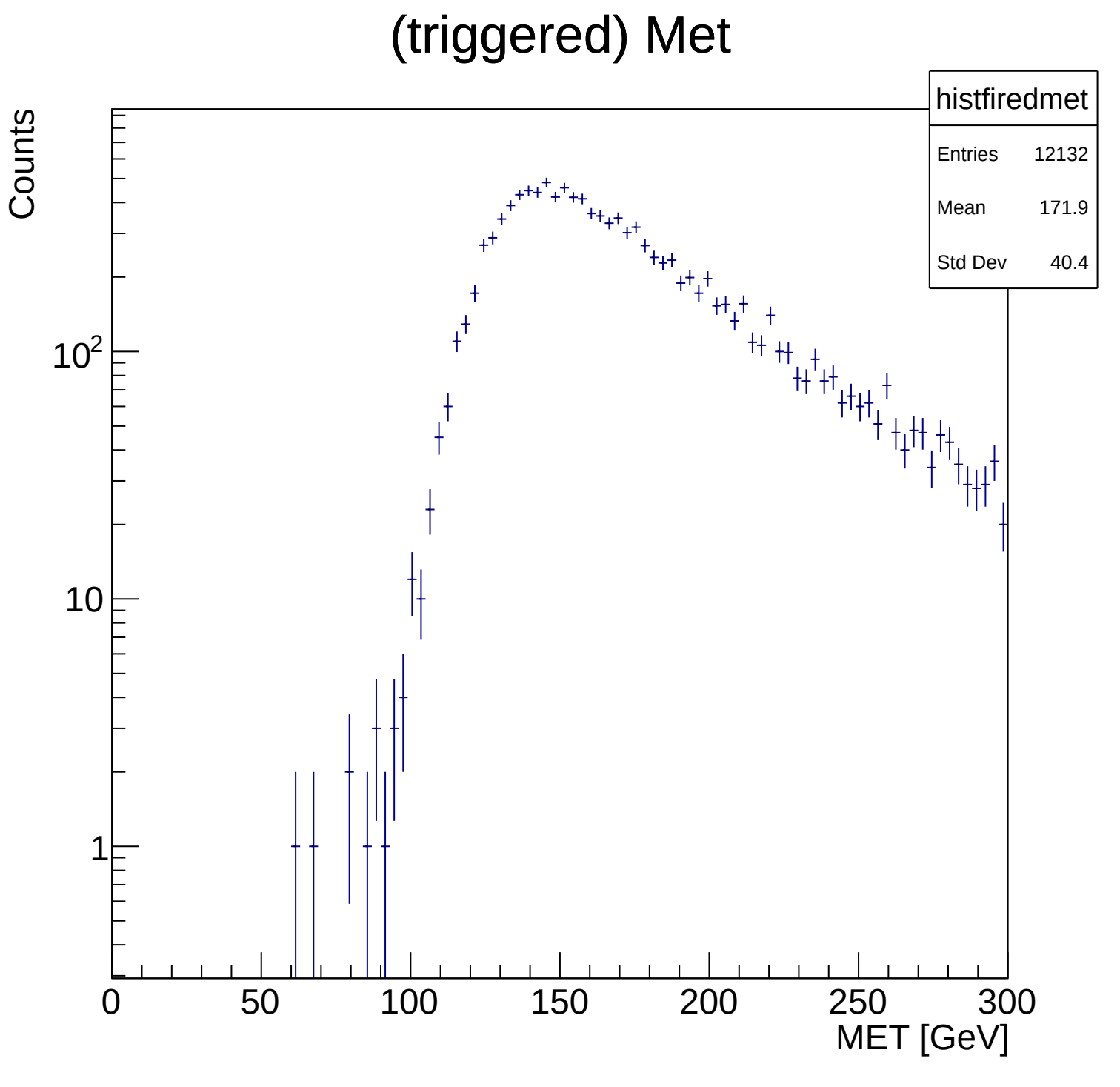

leading jet eta
histseljeteta
Entries 145040
Mean −0.00167
Std Dev 1.61
Counts
10^4
10^3
10^2
10
1
−6
−4
−2
0
2
4
6
eta

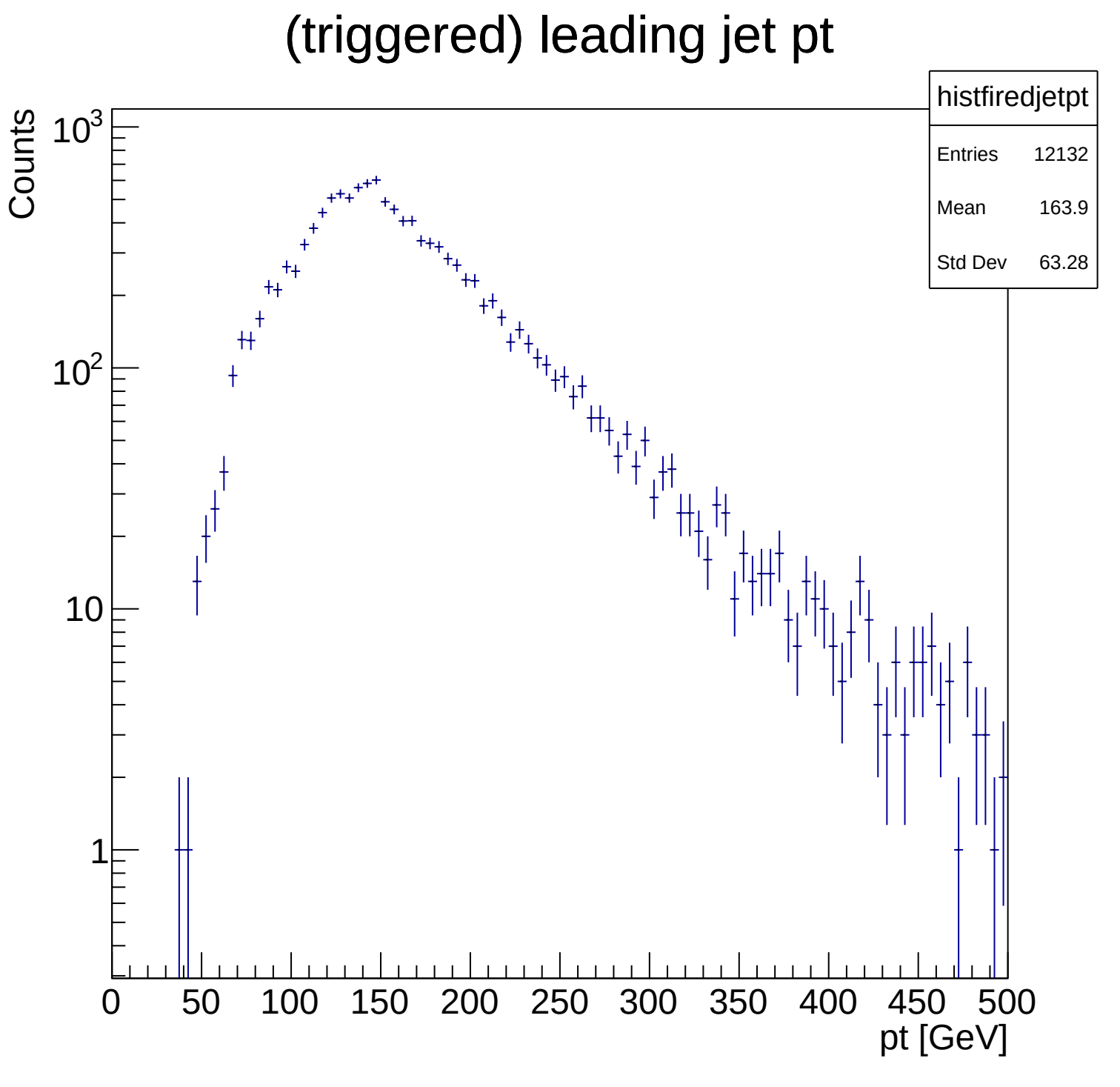

leading jet phi
histseljetphi
Entries 145040
Mean −0.0008288
Std Dev 1.81
Counts
10^4
−6
−4
−2
0
2
4
6
phi

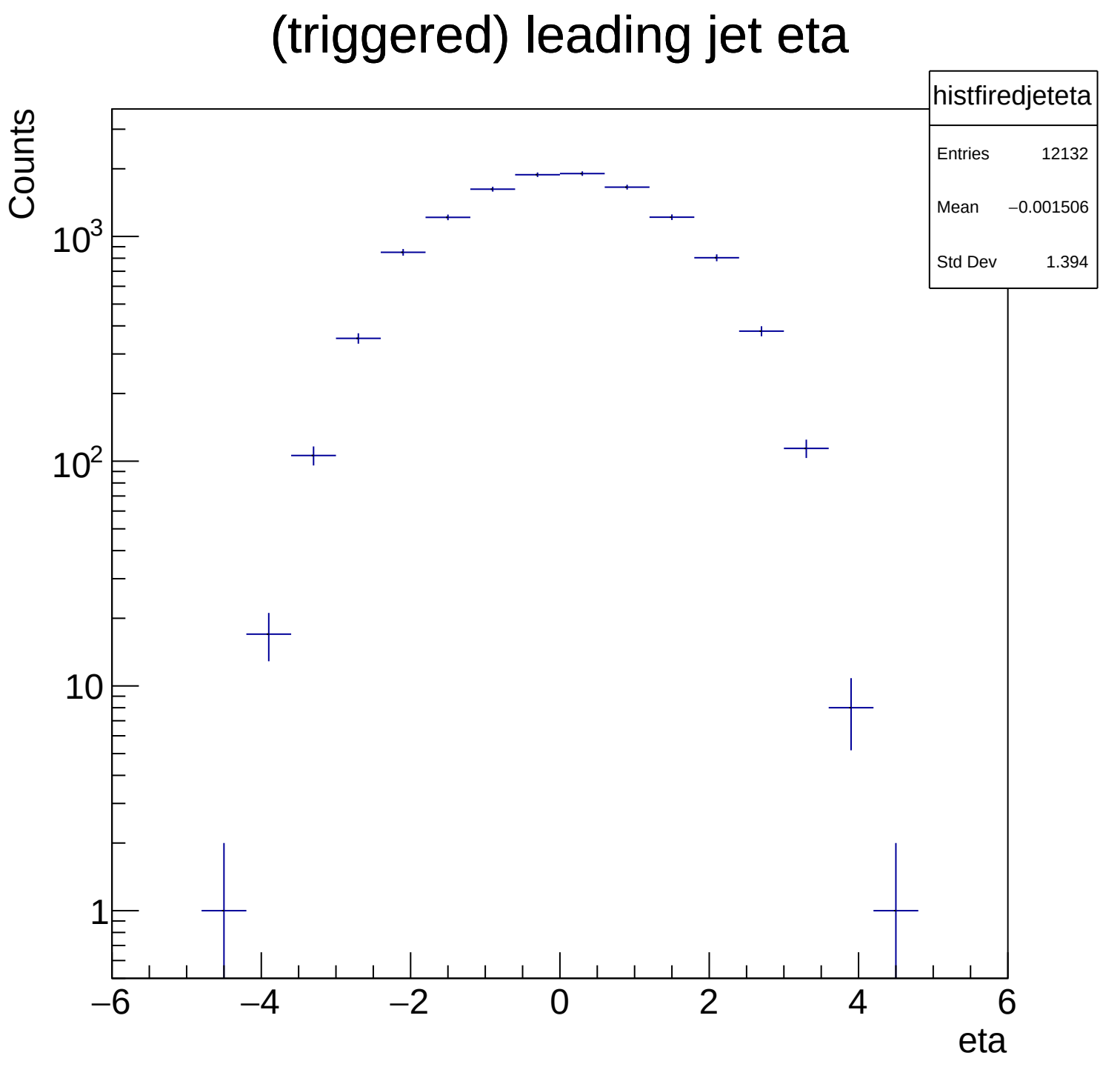

leading mu pt
histselmupt
Entries 145040
Mean 6.497
Std Dev 5.843
Counts
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
pt [GEV]

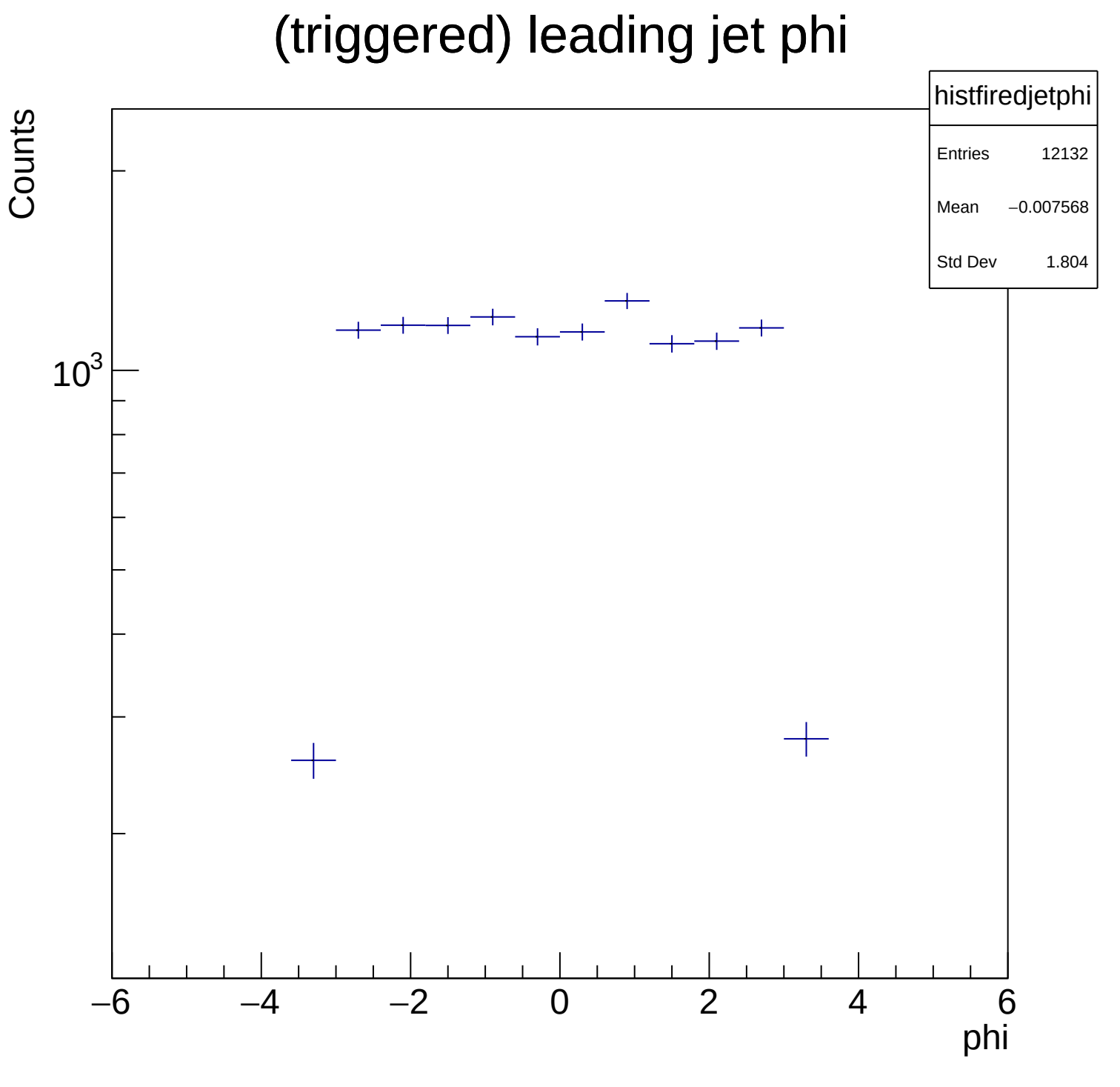

leading mu eta
histselmueta
Entries 145040
Mean 0.01402
Std Dev 1.463
Counts
10^4
10^3
10^2
10
1
–6
–4
–2
0
2
4
6
eta

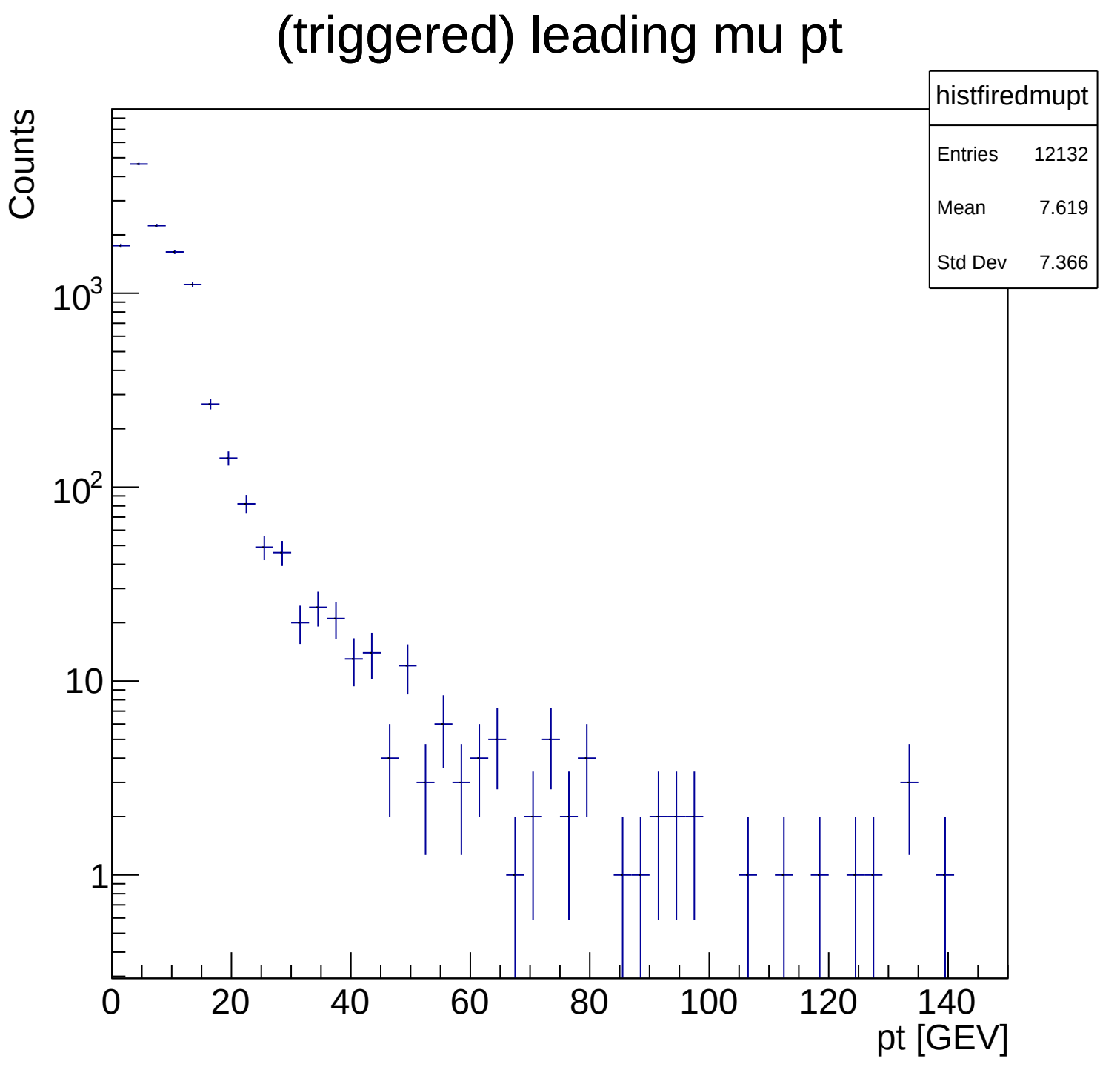

leading mu phi
histselmuphi
Entries 145040
Mean −0.00774
Std Dev 1.818
Counts
10^4
−6
−4
−2
0
2
4
6
phi

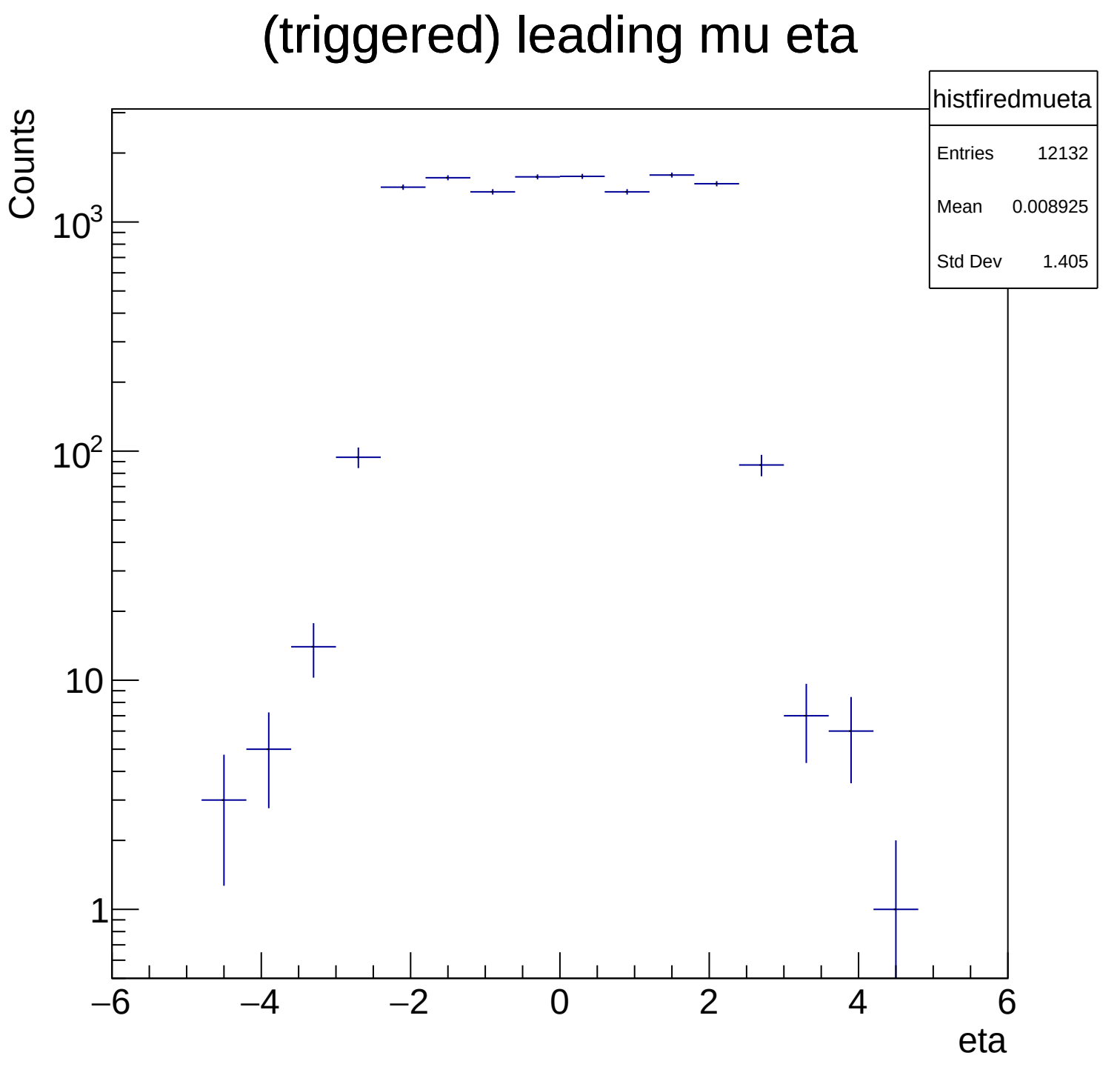

(triggered) Met
histfiredmet
Entries 12132
Mean 171.9
Std Dev 40.4
Counts
10^2
10
1
0
50
100
150
200
250
300
MET [GeV]

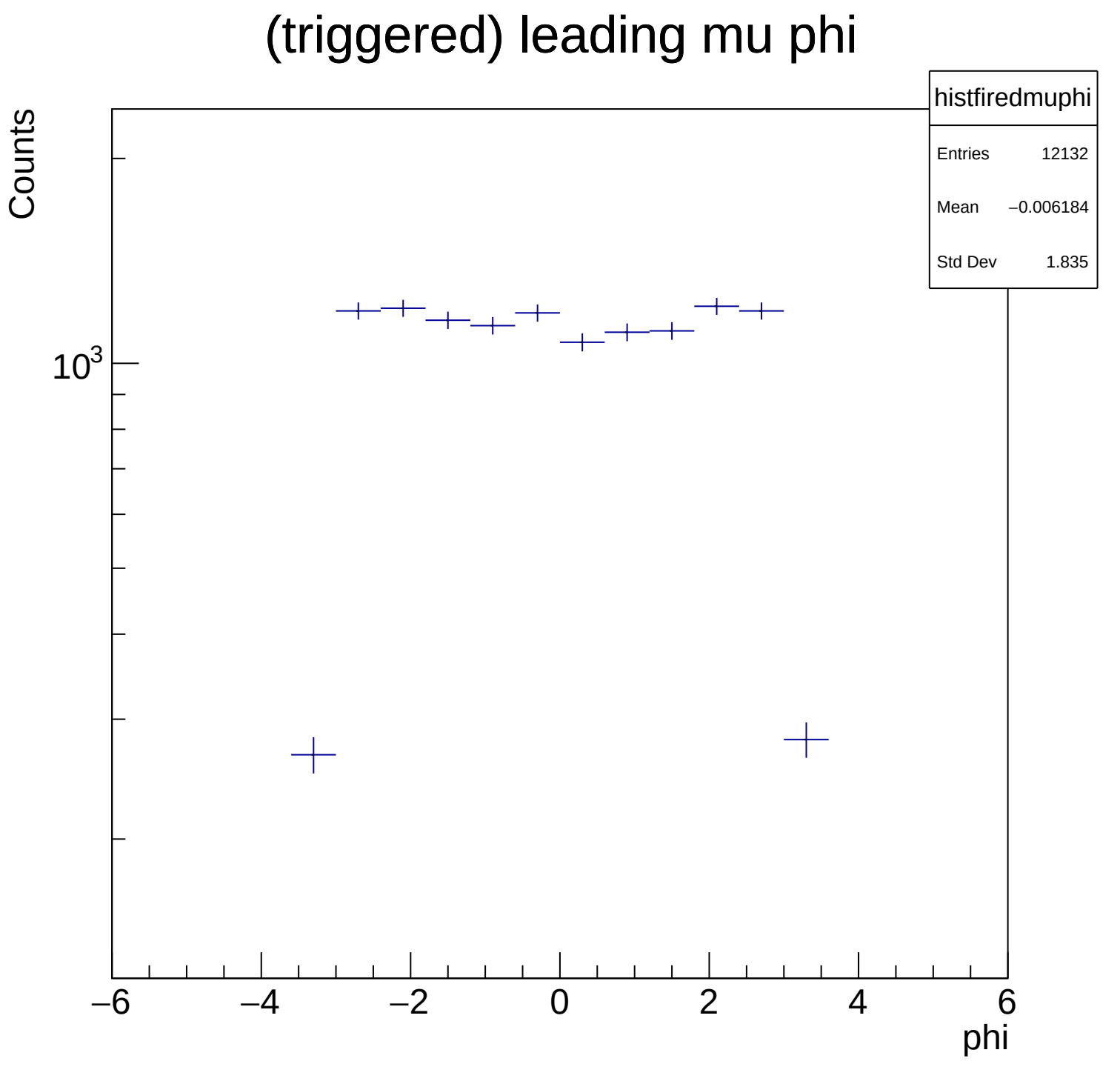

(triggered) leading jet pt
histfiredjetpt
Entries 12132
Mean 163.9
Std Dev 63.28
Counts
10^3
10^2
10
1
0
50
100
150
200
250
300
350
400
450
500
pt [GeV]


(triggered) leading jet eta
histfiredjeteta
Entries 12132
Mean −0.001506
Std Dev 1.394
Counts
10^3
10^2
10
1
−6
−4
−2
0
2
4
6
eta


(triggered) leading jet phi
histfiredjetphi
Entries 12132
Mean −0.007568
Std Dev 1.804
Counts
10^3
−6
−4
−2
0
2
4
6
phi


(triggered) leading mu pt
histfiredmupt
Entries 12132
Mean 7.619
Std Dev 7.366
Counts
10^3
10^2
10
1
0
20
40
60
80
100
120
140
pt [GEV]


(triggered) leading mu eta
histfiredmueta
Entries 12132
Mean 0.008925
Std Dev 1.405
Counts
10^3
10^2
10
1
–6
–4
–2
0
2
4
6
eta


(triggered) leading mu phi
histfiredmuphi
Entries 12132
Mean −0.006184
Std Dev 1.835
Counts
10^3
−6
−4
−2
0
2
4
6
phi