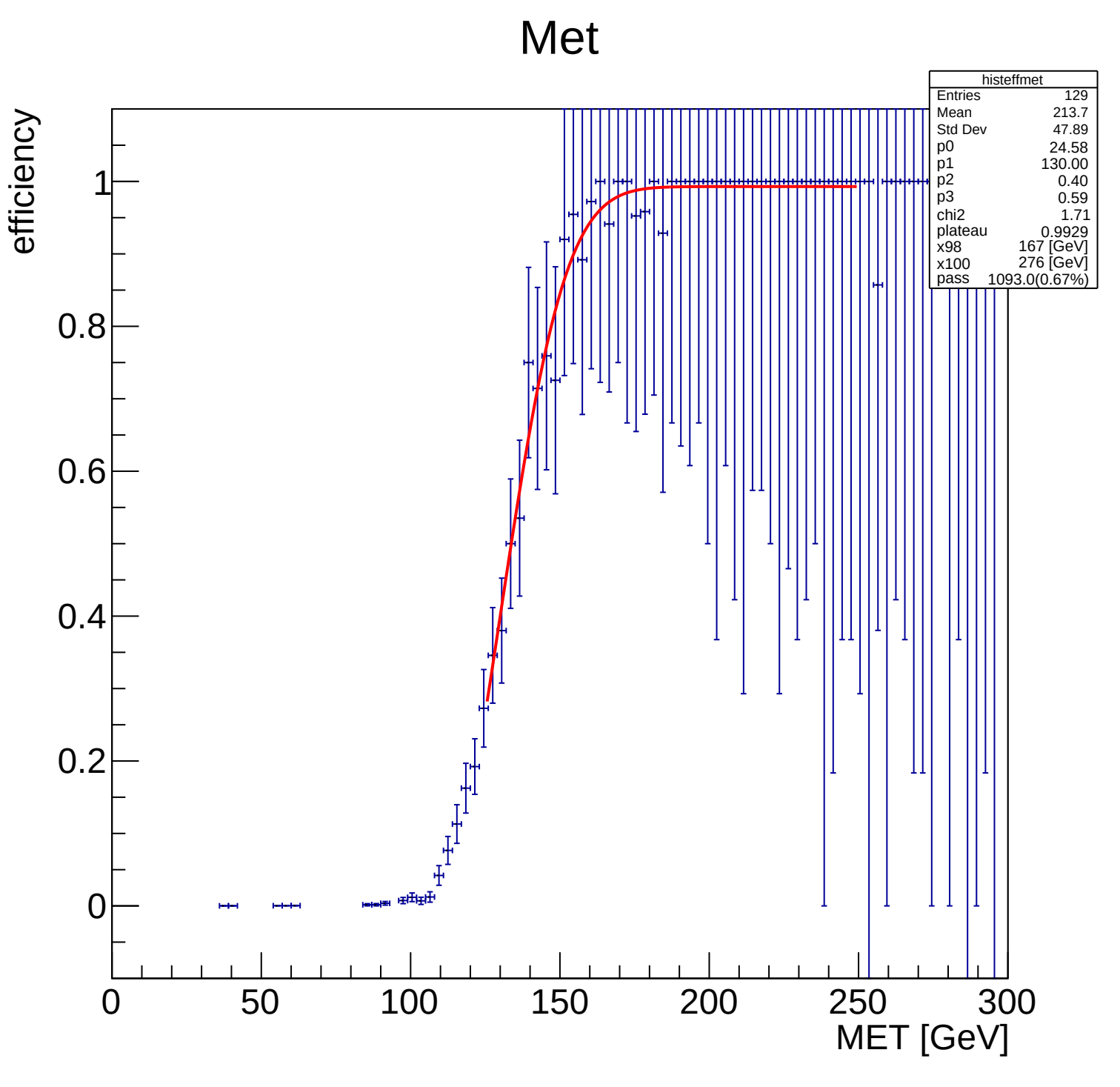
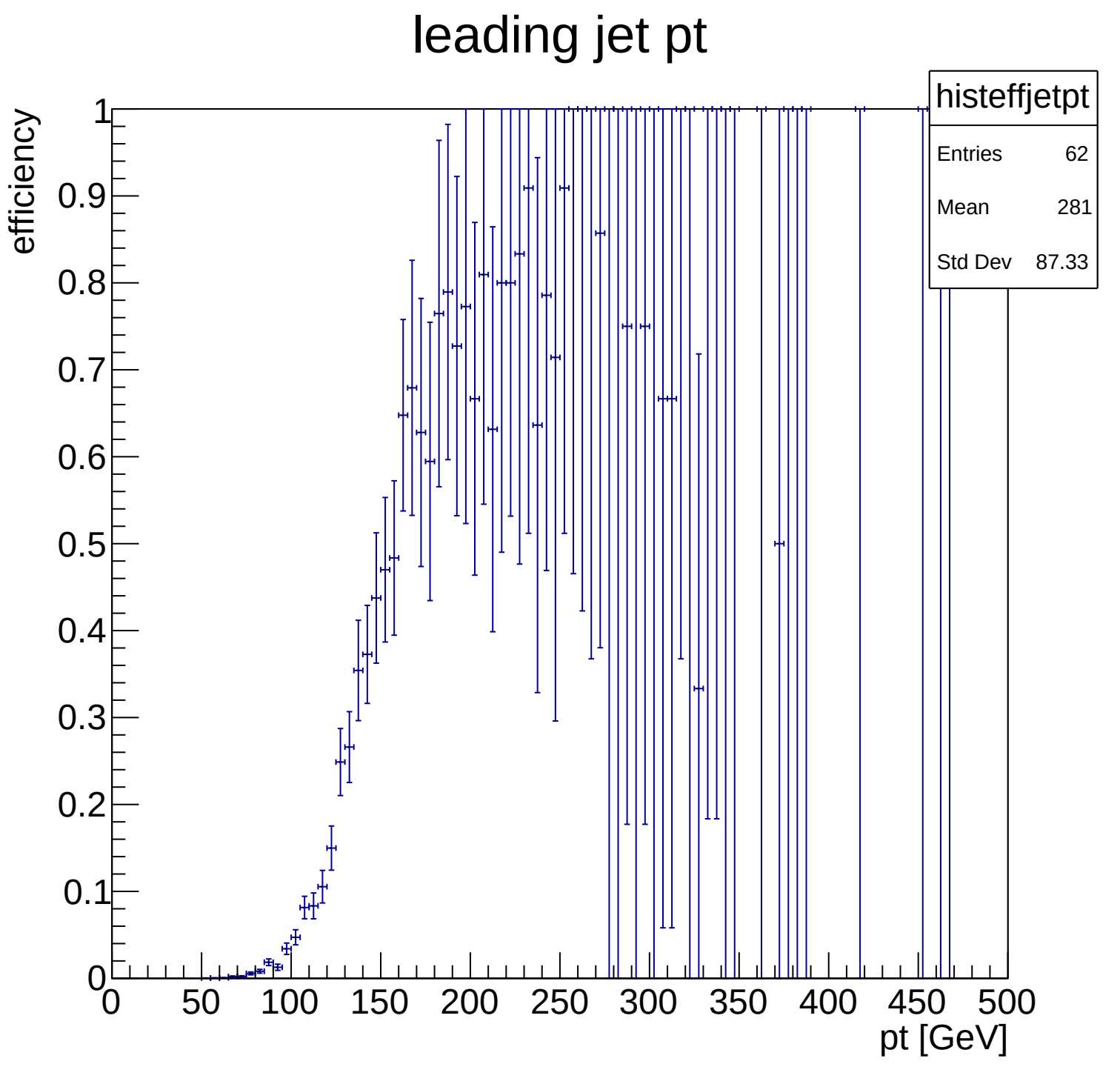
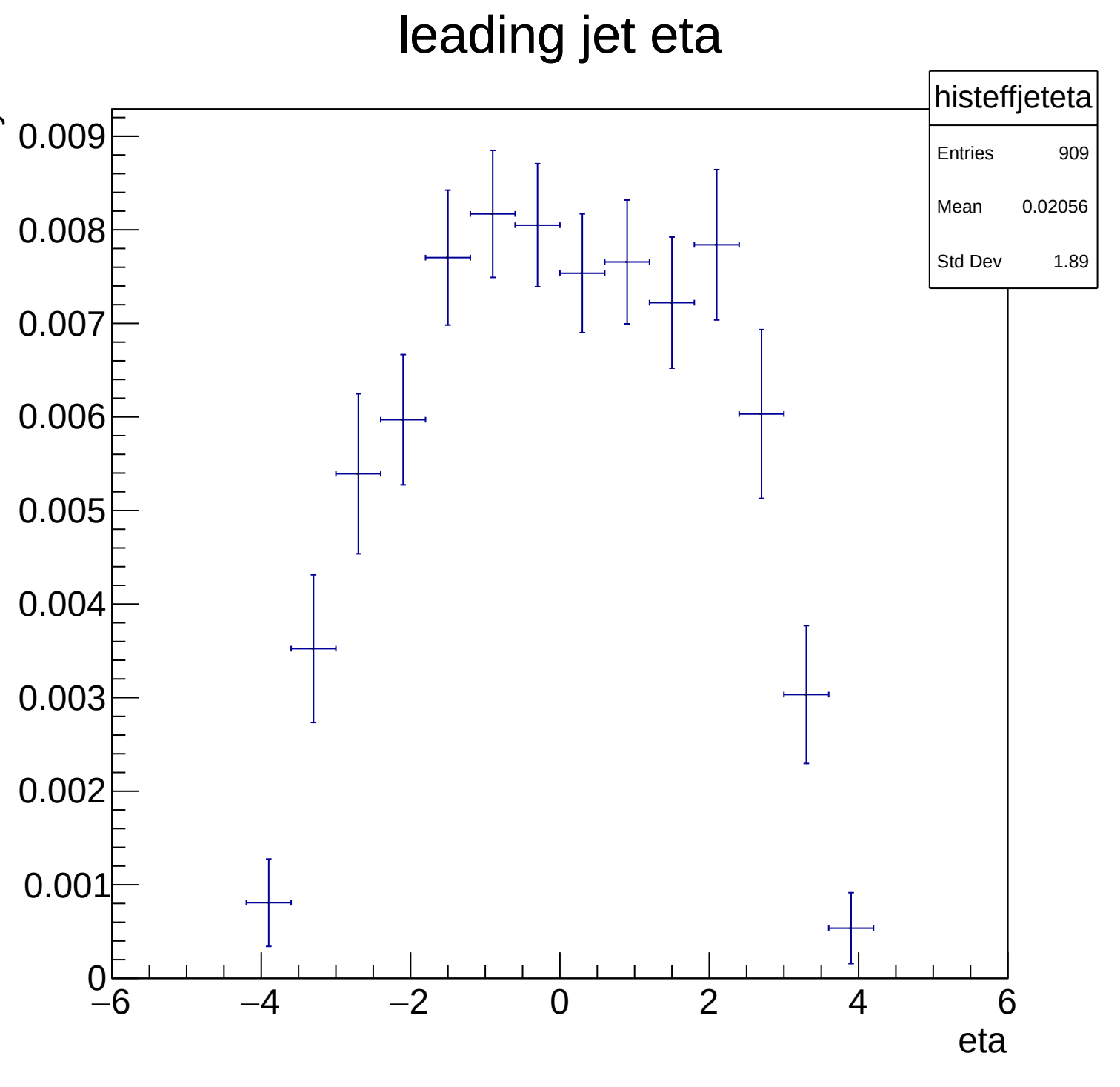
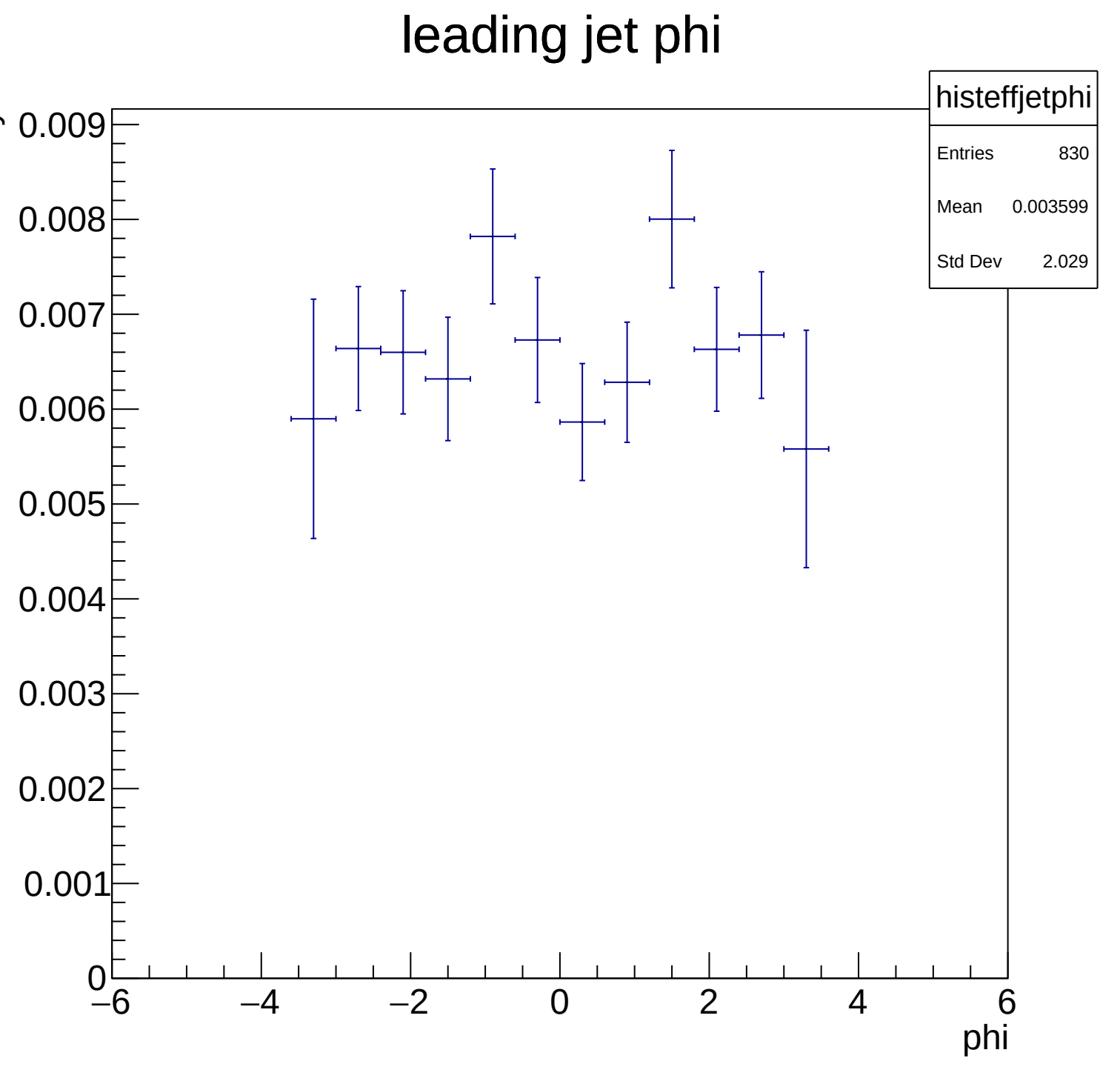
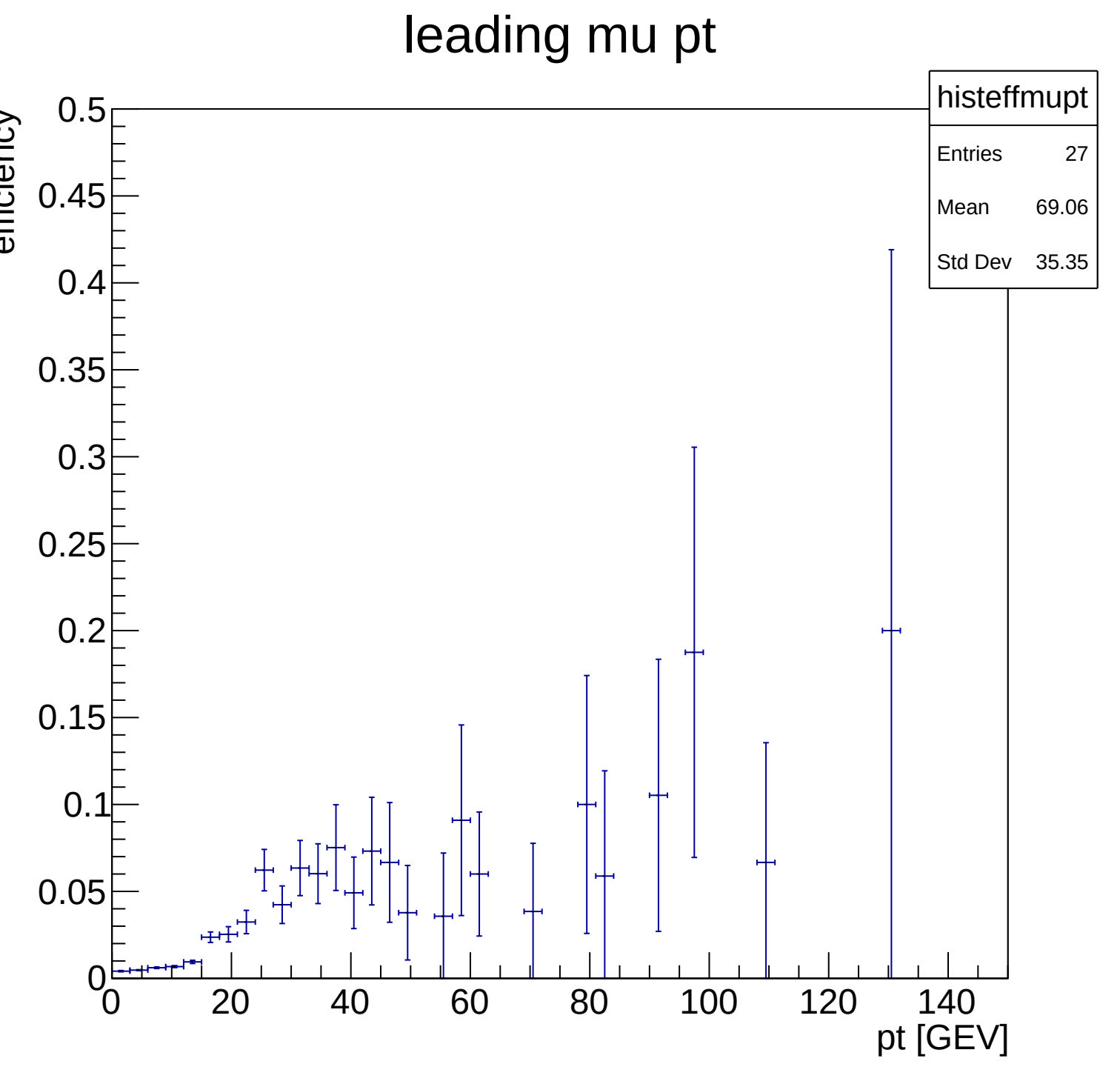
Mchi-6p0_dMchi-2p0_100mm

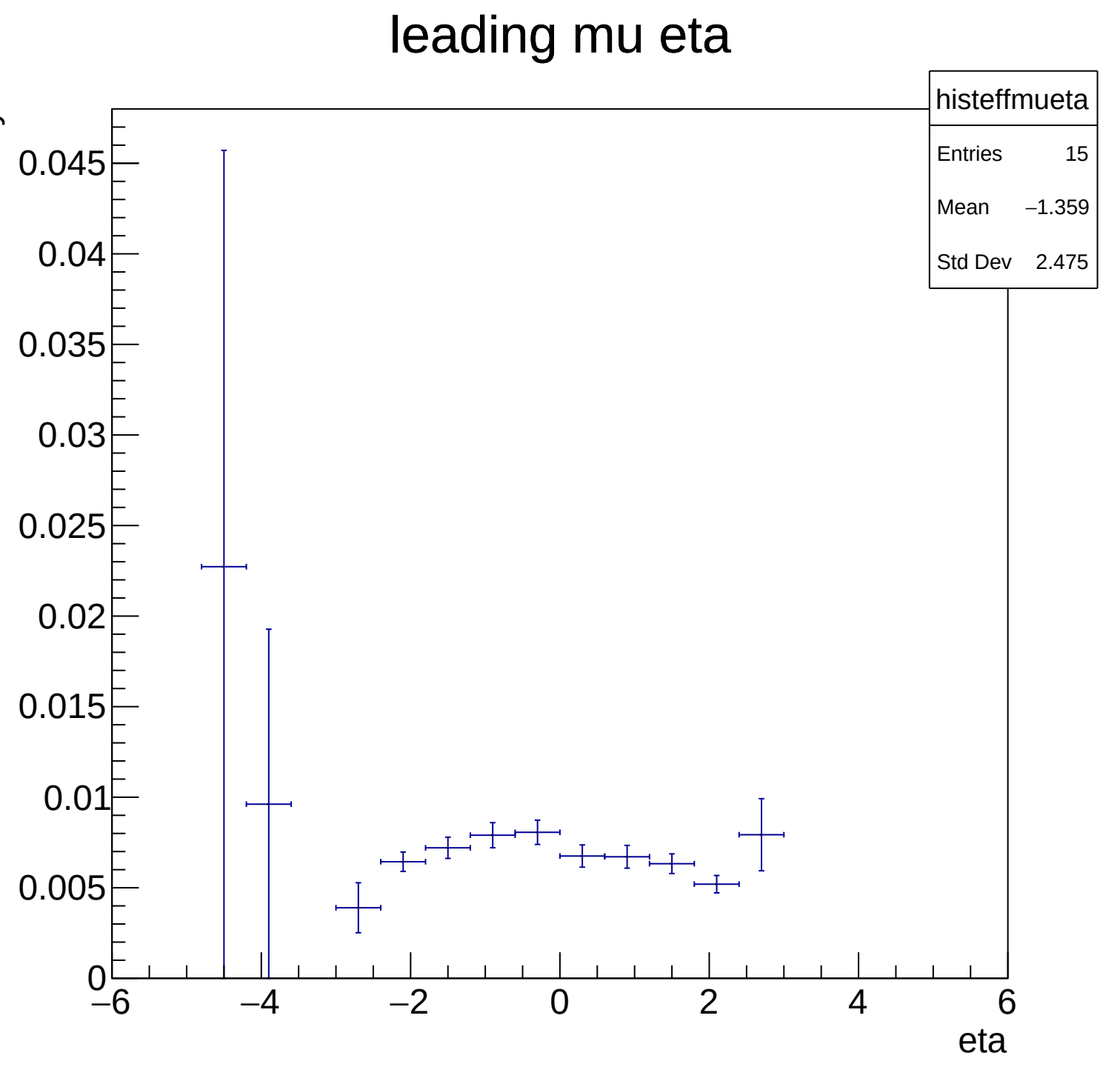

Met
histeffmet
Entries 129
Mean 213.7
Std Dev 47.89
p0 24.58
p1 130.00
p2 0.40
p3 0.59
chi2 1.71
plateau 0.9929
x98 167 [GeV]
x100 276 [GeV]
pass 1093.0(0.67%)
efficiency
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
300
MET [GeV]

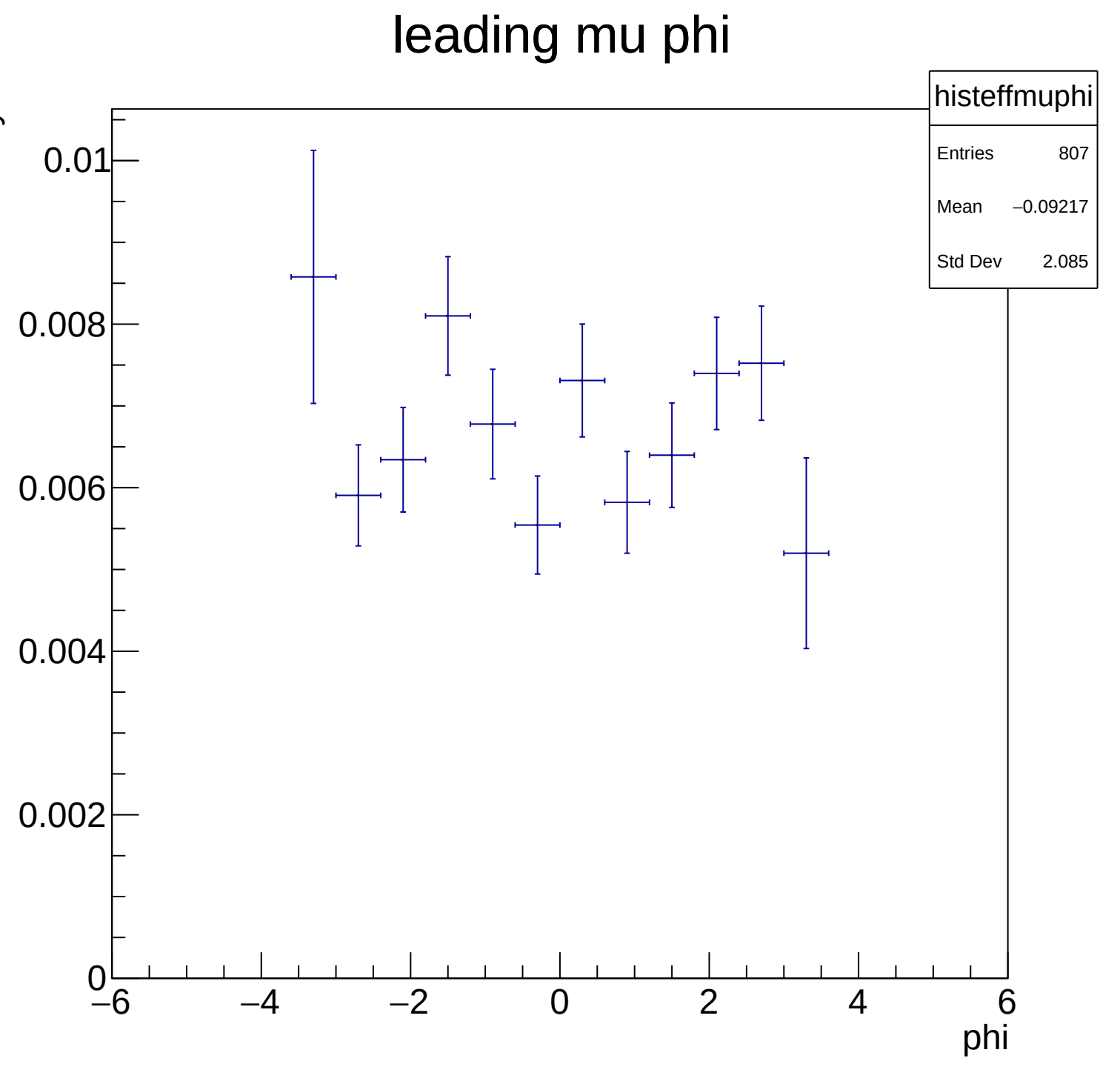

leading jet pt
histeffjetpt
Entries 62
Mean 281
Std Dev 87.33
efficiency
pt [GeV]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
50
100
150
200
250
300
350
400
450
500

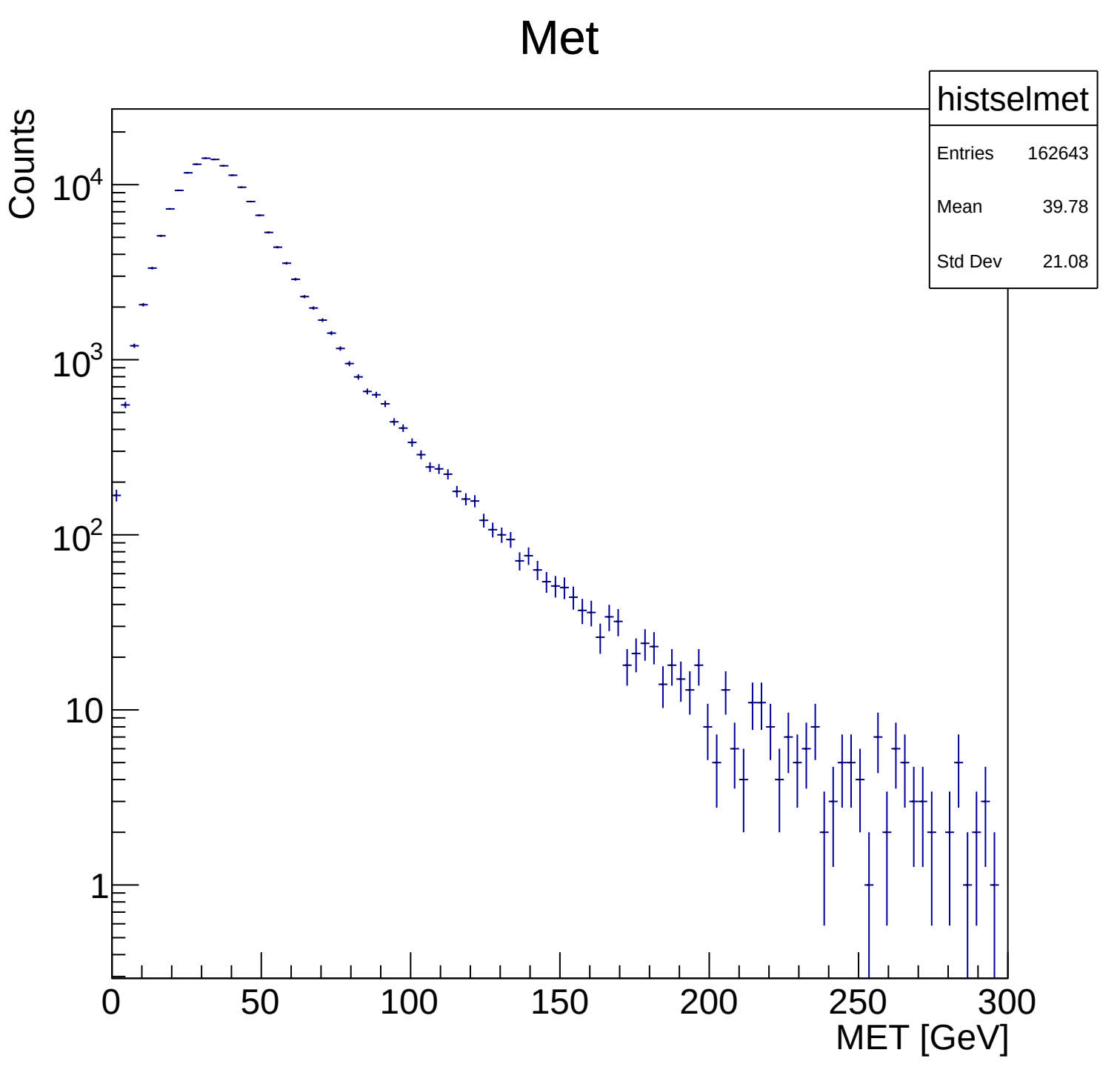

leading jet eta
histeffjeteta
Entries 909
Mean 0.02056
Std Dev 1.89
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
−6
−4
−2
0
2
4
6
eta

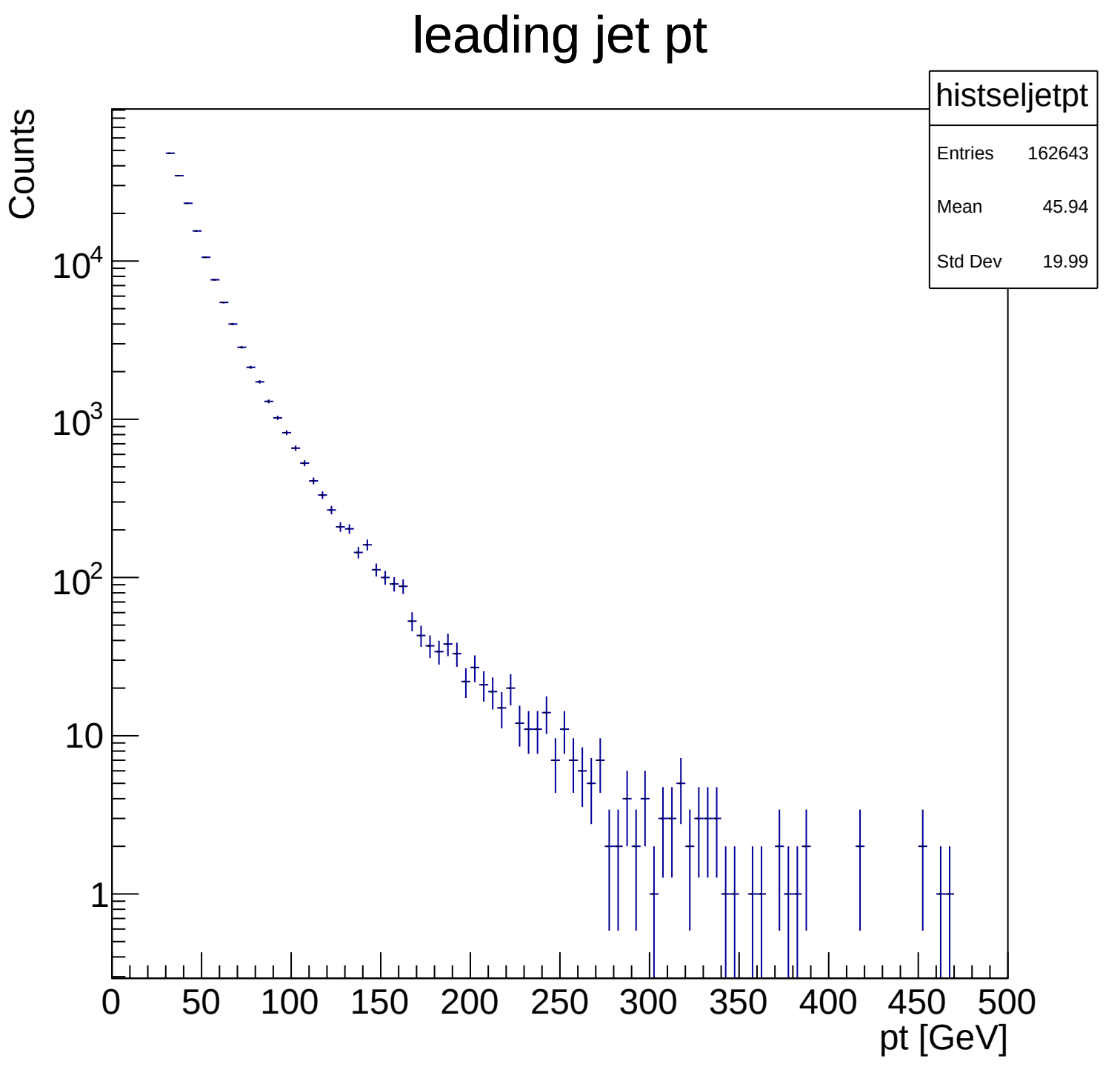

leading jet phi
histeffjetphi
Entries 830
Mean 0.003599
Std Dev 2.029
0.009
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
−6
−4
−2
0
2
4
6
phi

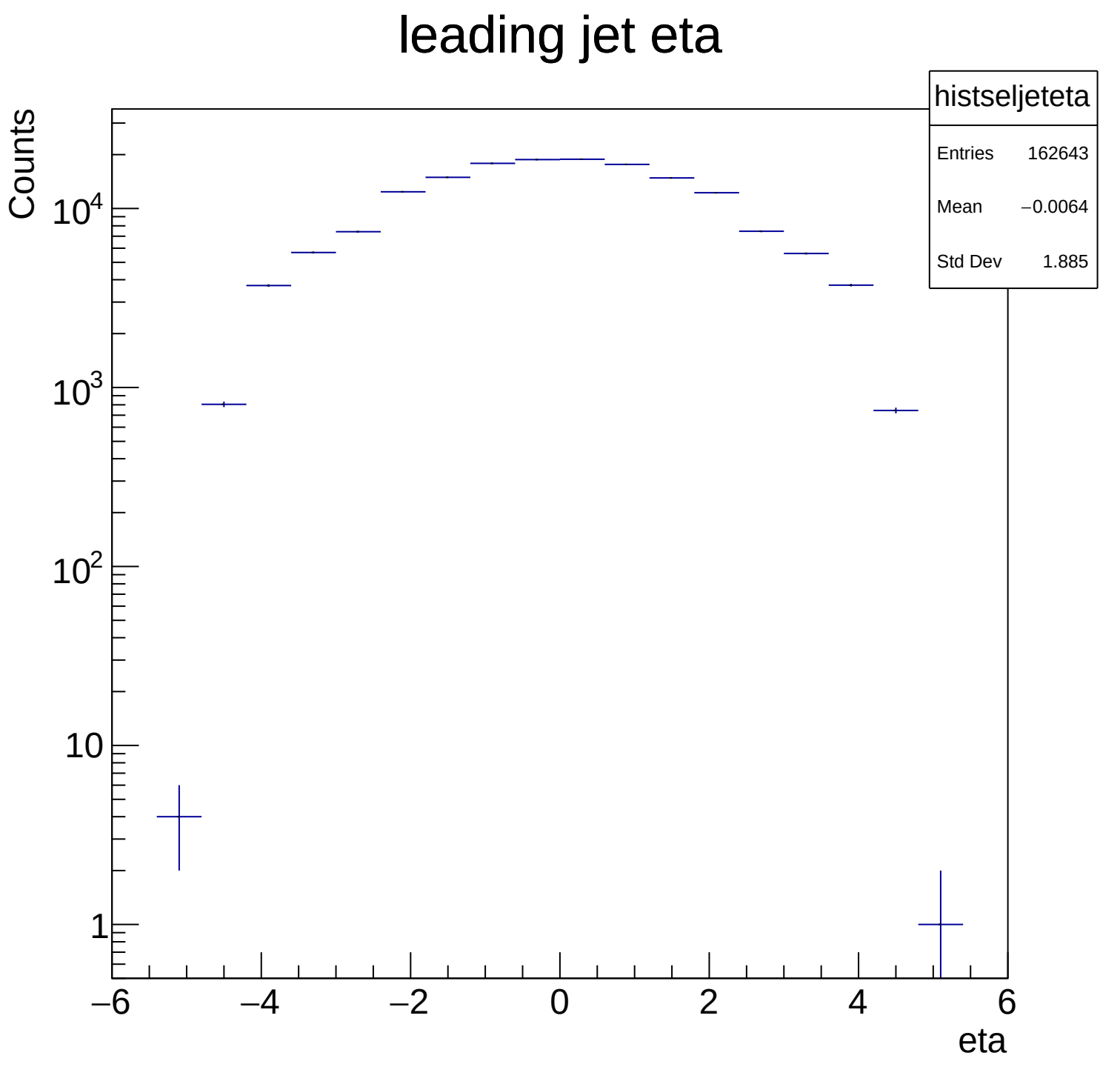

leading mu pt
histeffmupt
Entries 27
Mean 69.06
Std Dev 35.35
efficiency
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
140
pt [GEV]

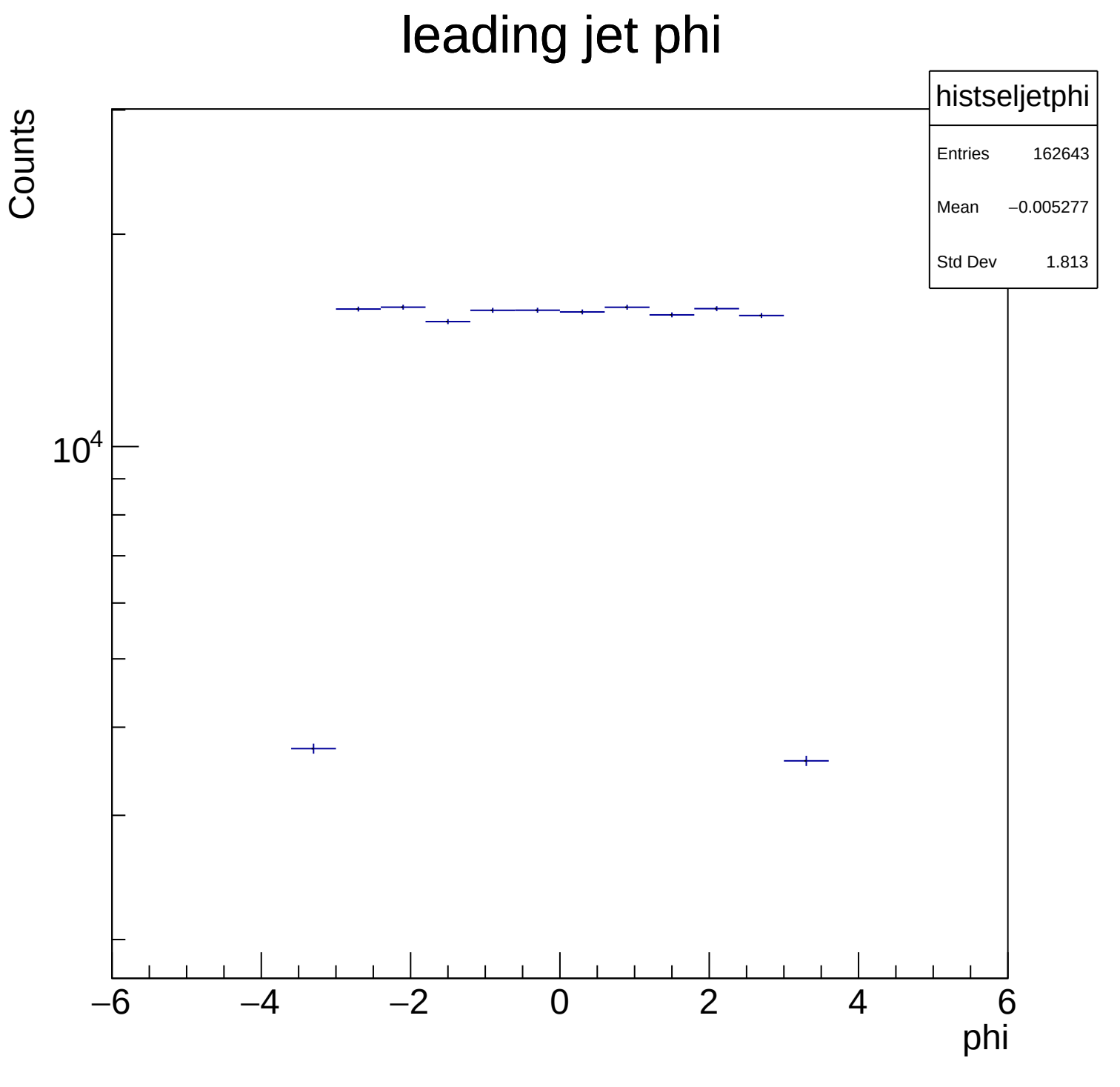

leading mu eta
histeffmueta
Entries 15
Mean –1.359
Std Dev 2.475
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
–6
–4
–2
0
2
4
6
eta

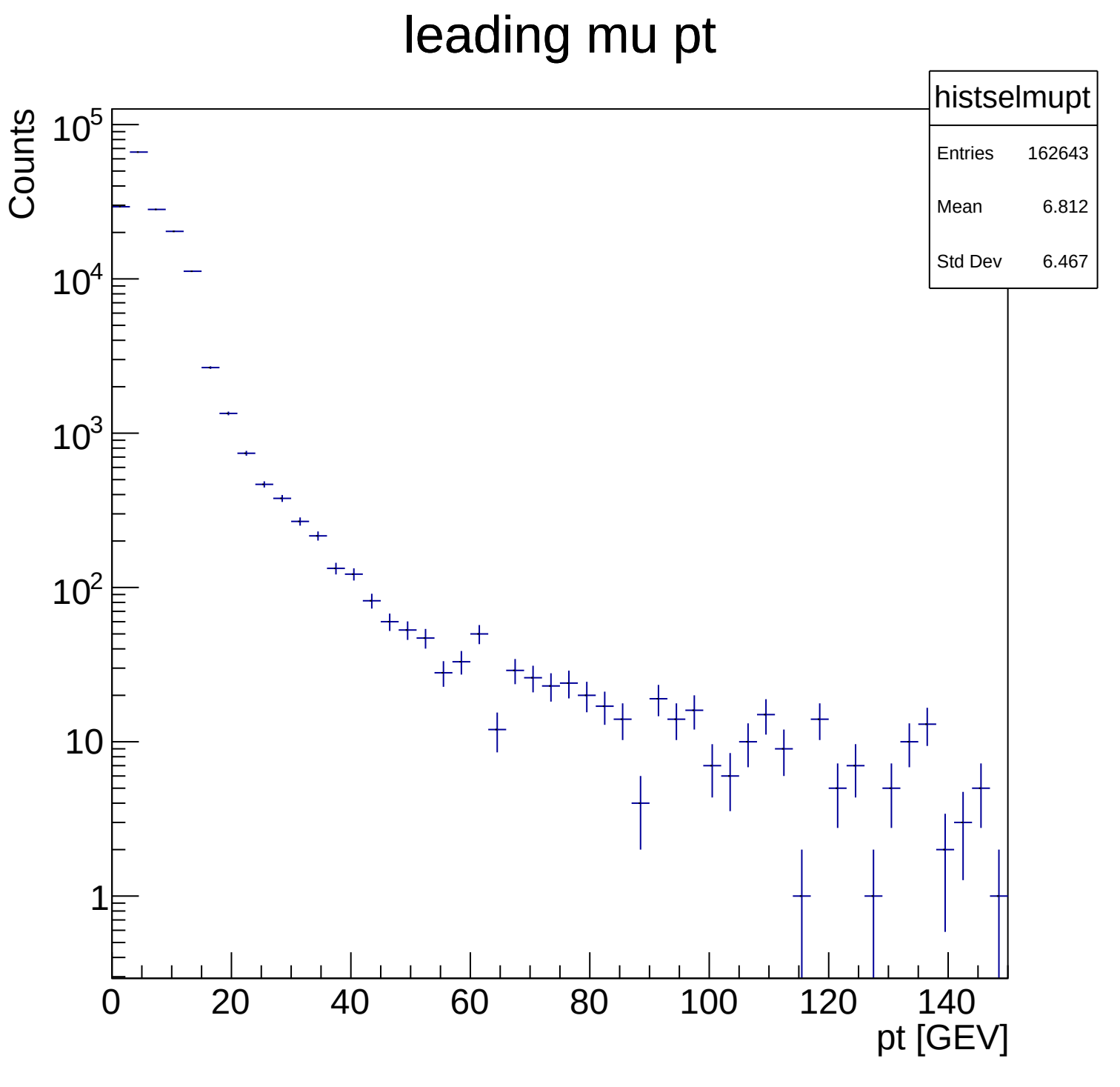

leading mu phi
histeffmuphi
Entries 807
Mean −0.09217
Std Dev 2.085
0.01
0.008
0.006
0.004
0.002
0
−6
−4
−2
0
2
4
6
phi

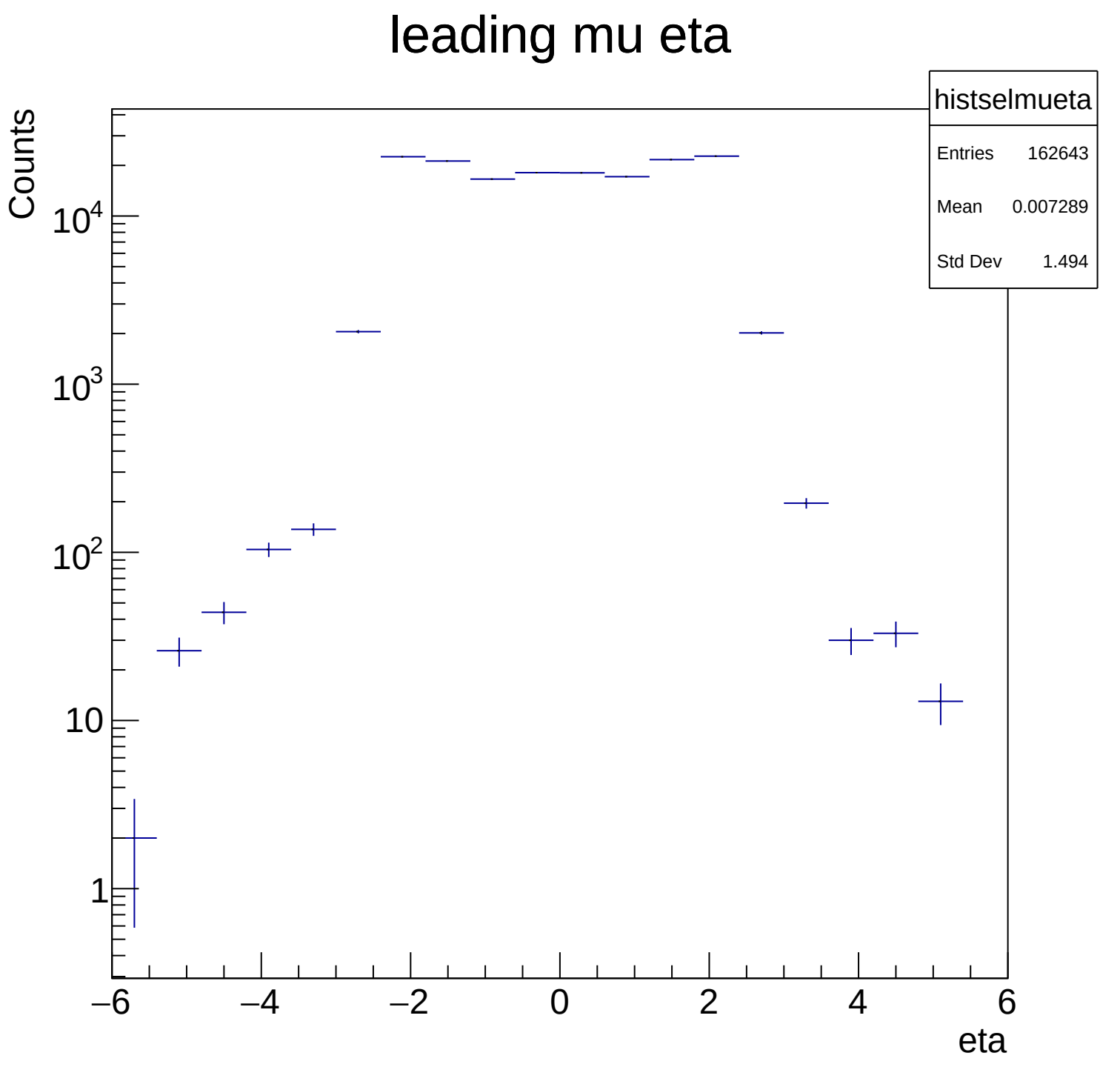

Met
histselmet
Entries 162643
Mean 39.78
Std Dev 21.08
Counts
10^4
10^3
10^2
10
1
0
50
100
150
200
250
300
MET [GeV]

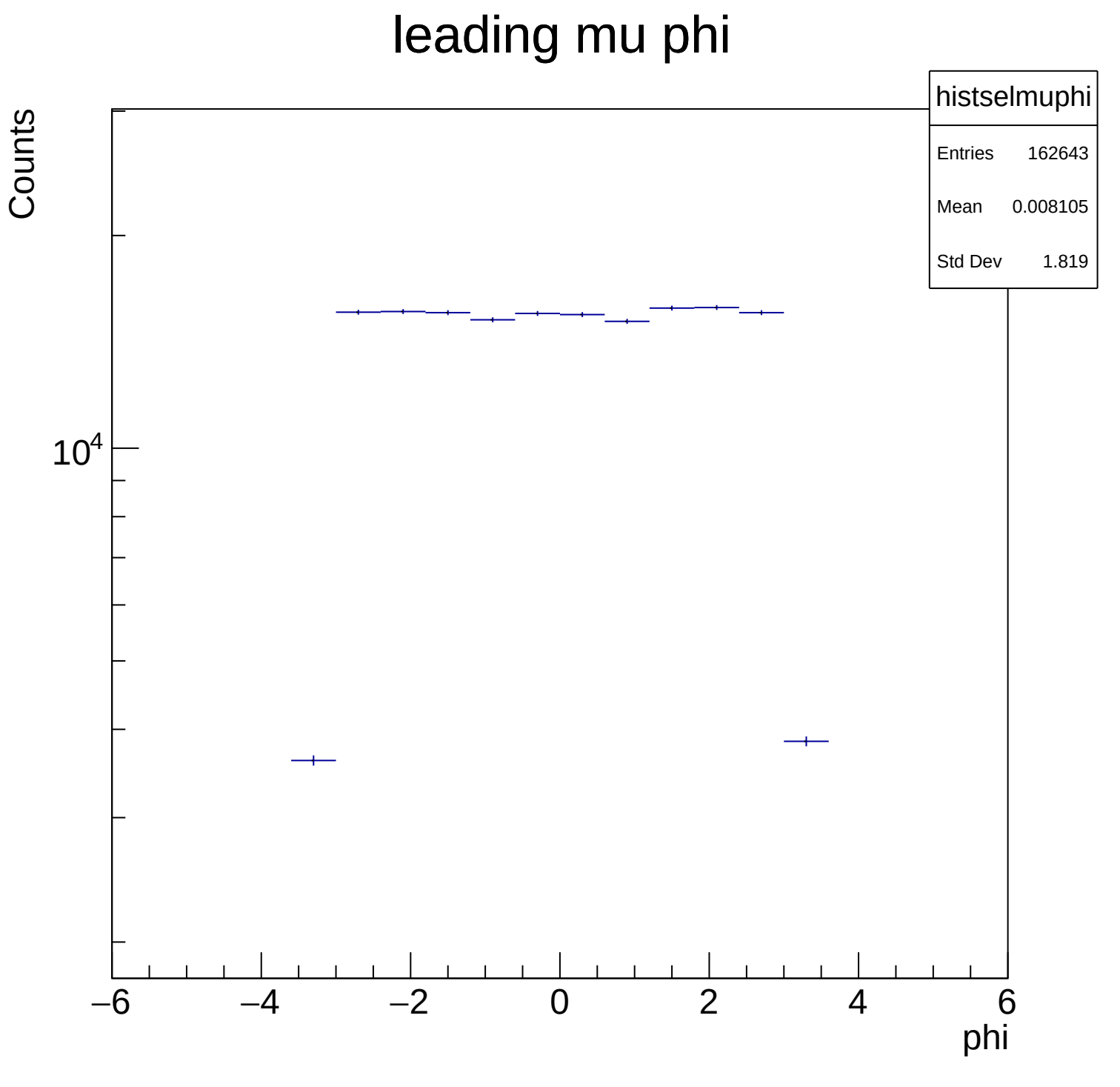

leading jet pt
histseljetpt
Entries 162643
Mean 45.94
Std Dev 19.99
Counts
10^4
10^3
10^2
10
1
0
50
100
150
200
250
300
350
400
450
500
pt [GeV]

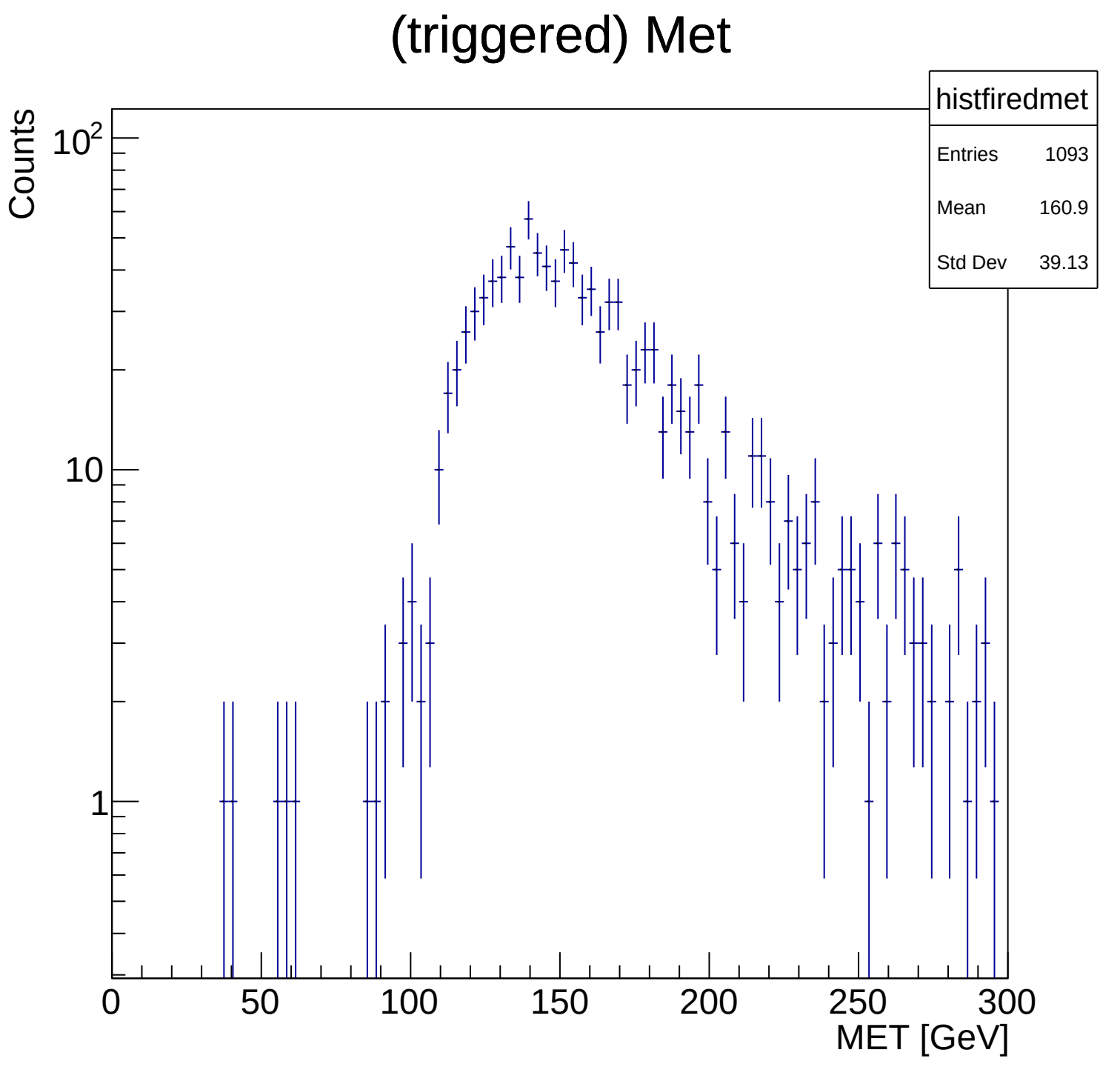

leading jet eta
histseljeteta
Entries 162643
Mean −0.0064
Std Dev 1.885
Counts
10^4
10^3
10^2
10
1
−6
−4
−2
0
2
4
6
eta

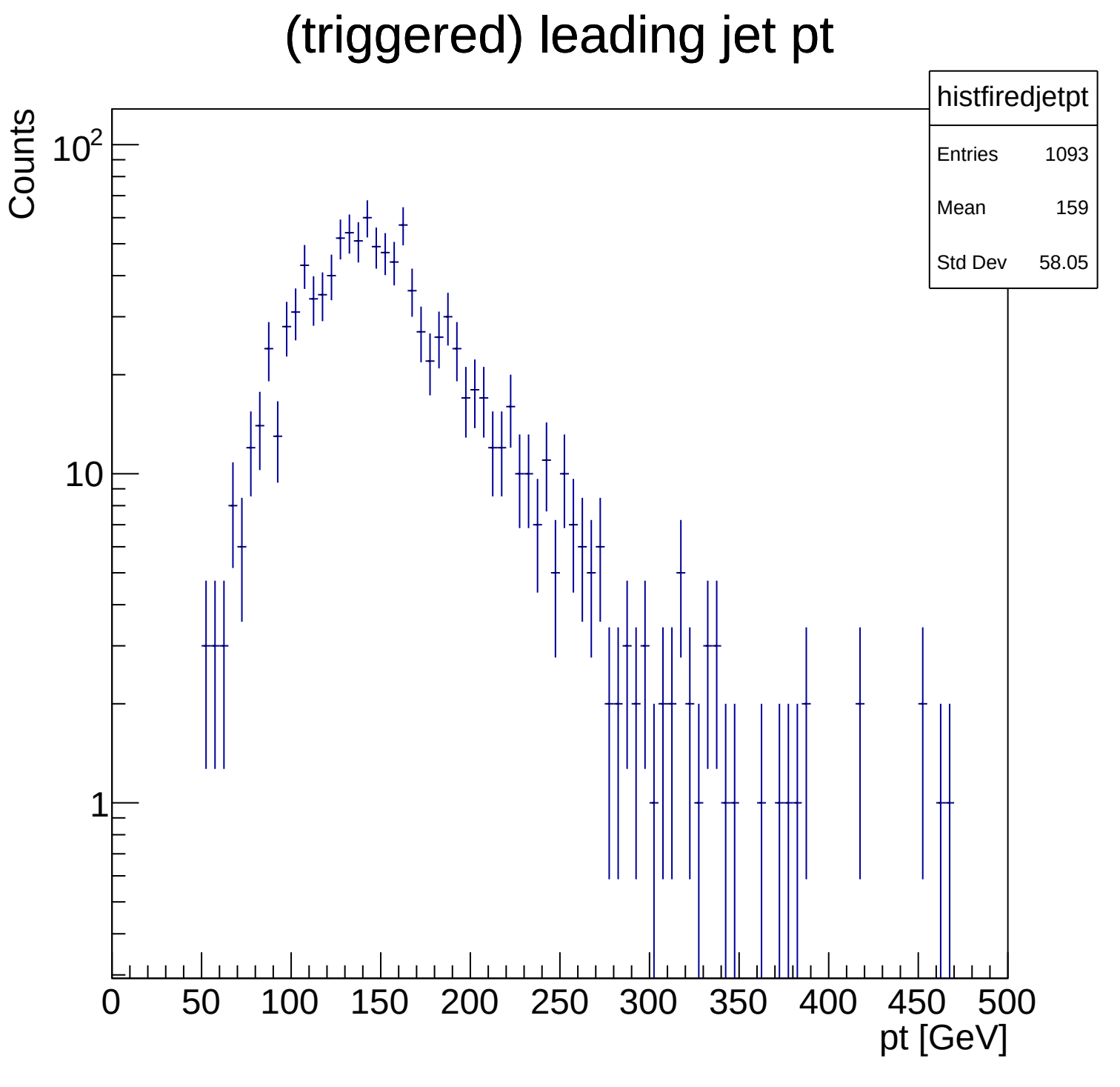

leading jet phi
histseljetphi
Entries 162643
Mean −0.005277
Std Dev 1.813
Counts
10^4
−6
−4
−2
0
2
4
6
phi

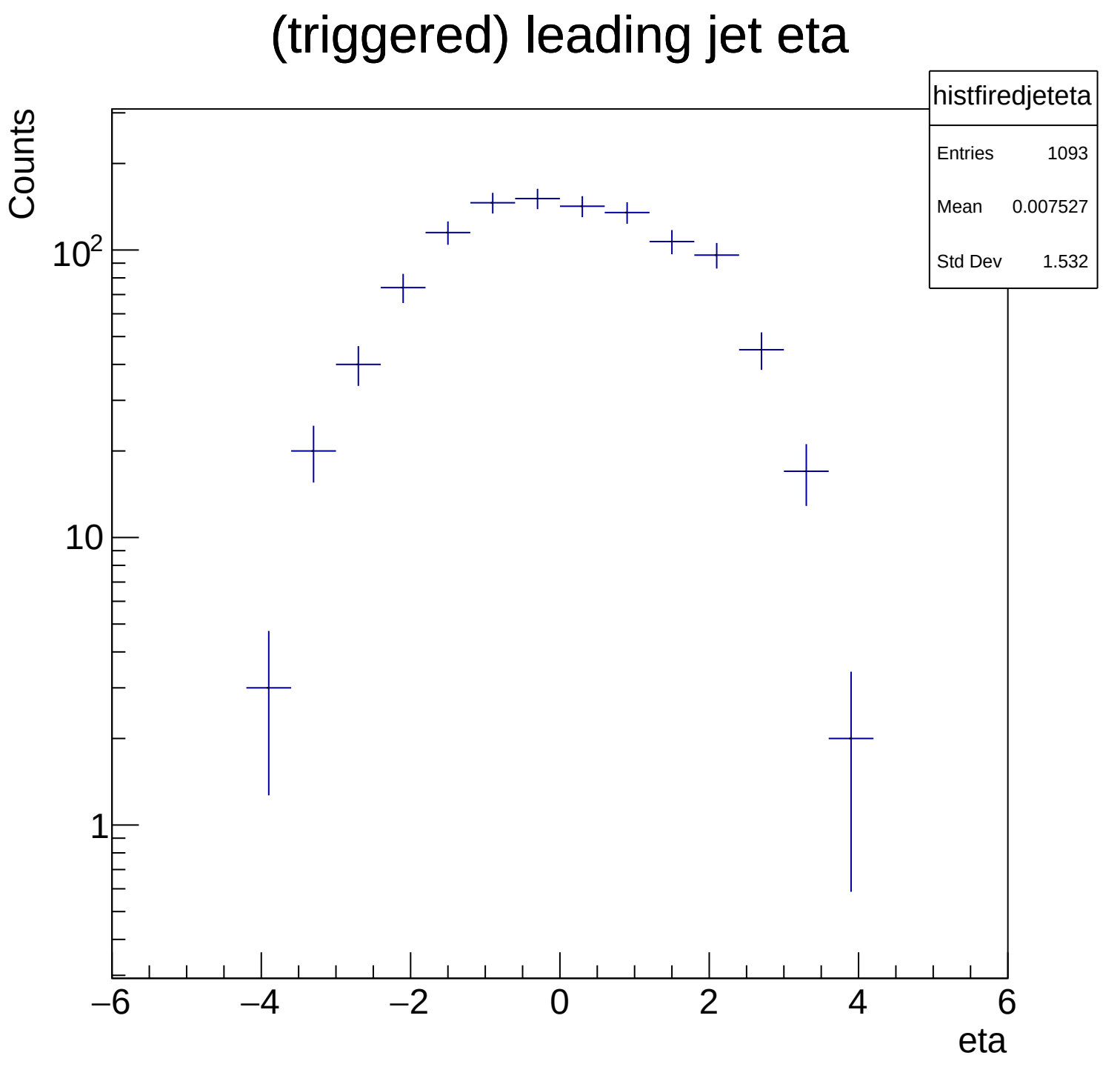

leading mu pt
histselmupt
Entries 162643
Mean 6.812
Std Dev 6.467
Counts
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
pt [GEV]

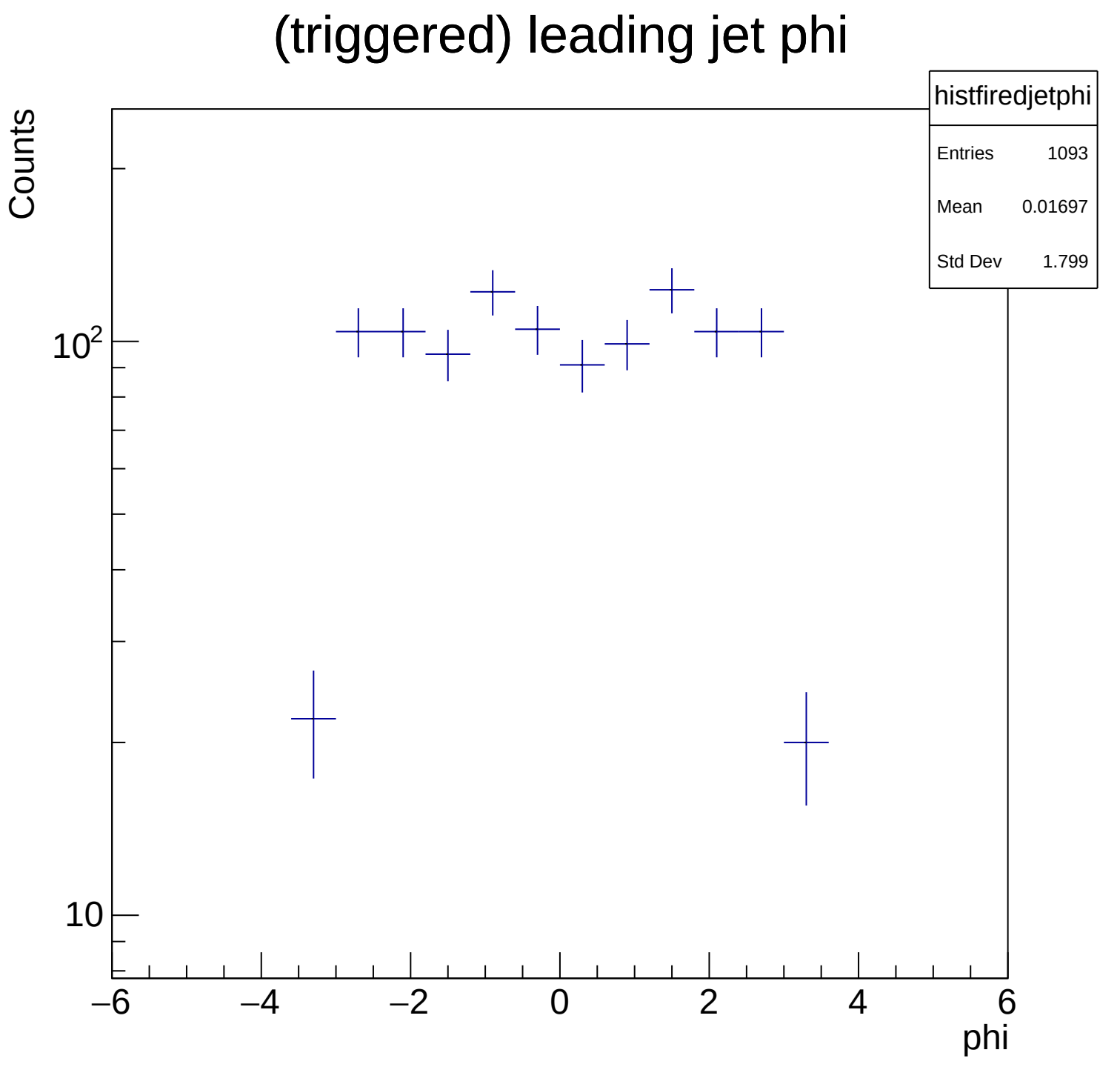

leading mu eta
histselmueta
Entries 162643
Mean 0.007289
Std Dev 1.494
Counts
10^4
10^3
10^2
10
1
–6
–4
–2
0
2
4
6
eta

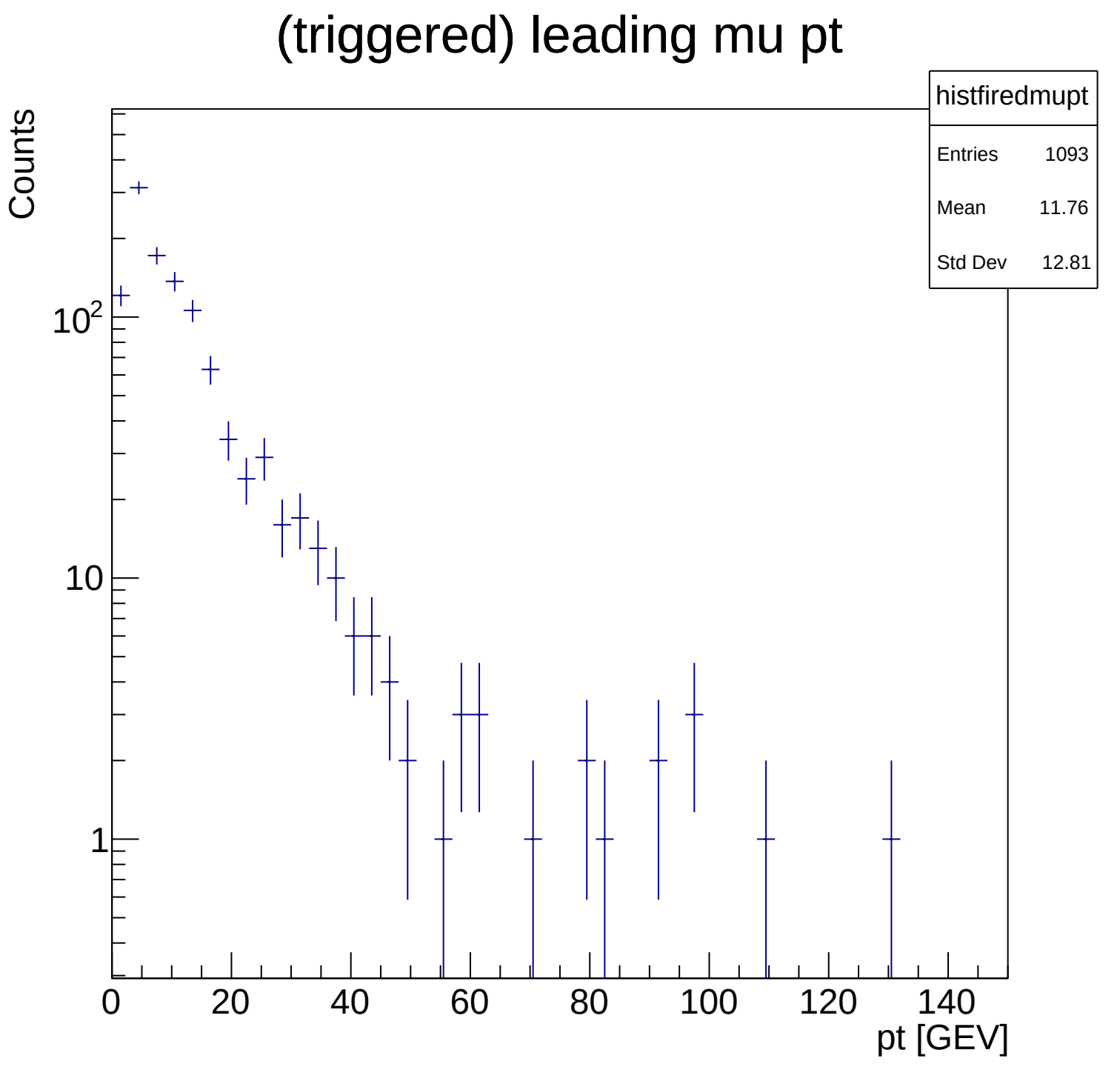

leading mu phi
histselmuphi
Entries 162643
Mean 0.008105
Std Dev 1.819
Counts
10^4
–6
–4
–2
0
2
4
6
phi

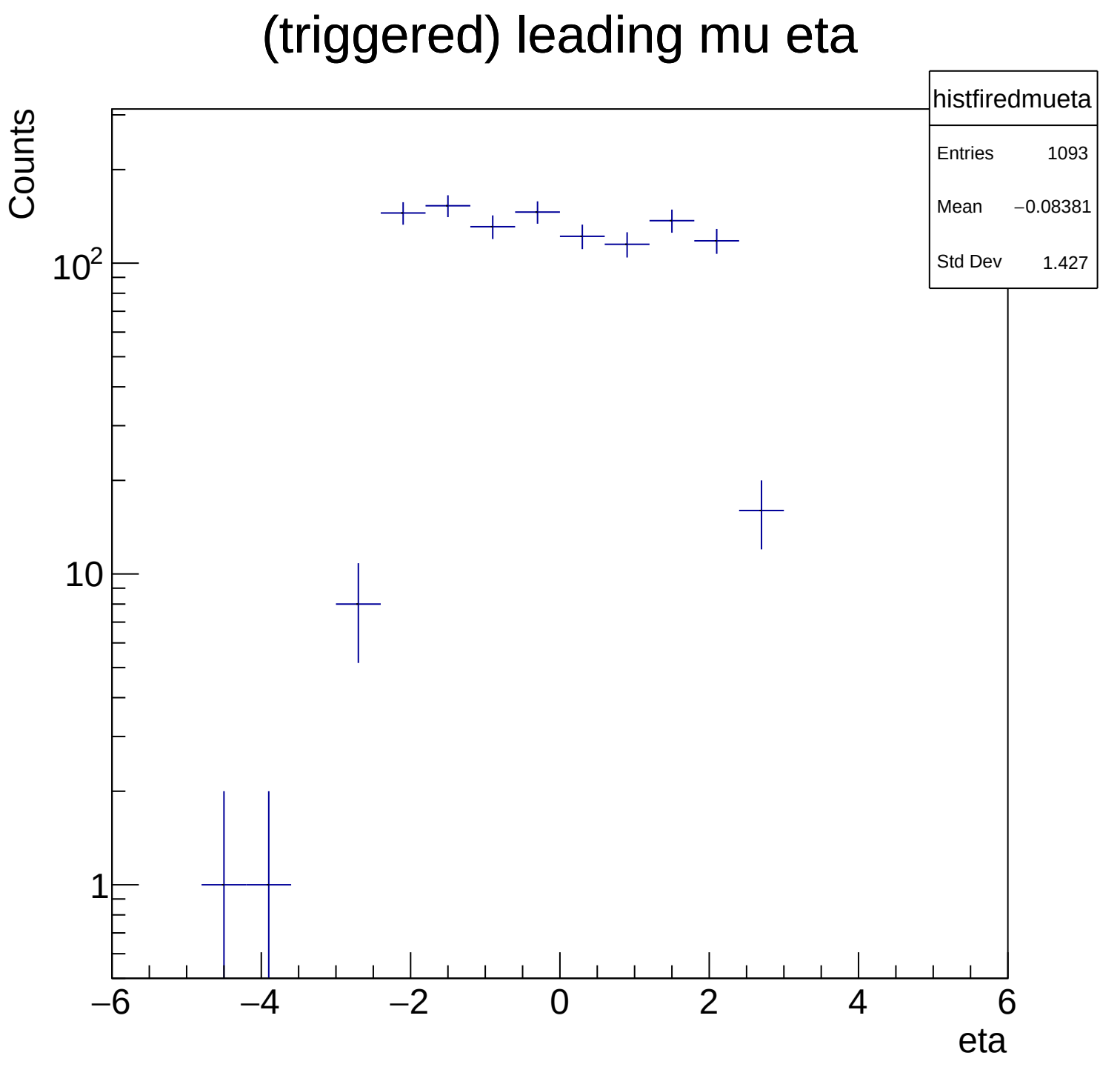

(triggered) Met
histfiredmet
Entries 1093
Mean 160.9
Std Dev 39.13
Counts
10^2
10
1
0
50
100
150
200
250
300
MET [GeV]

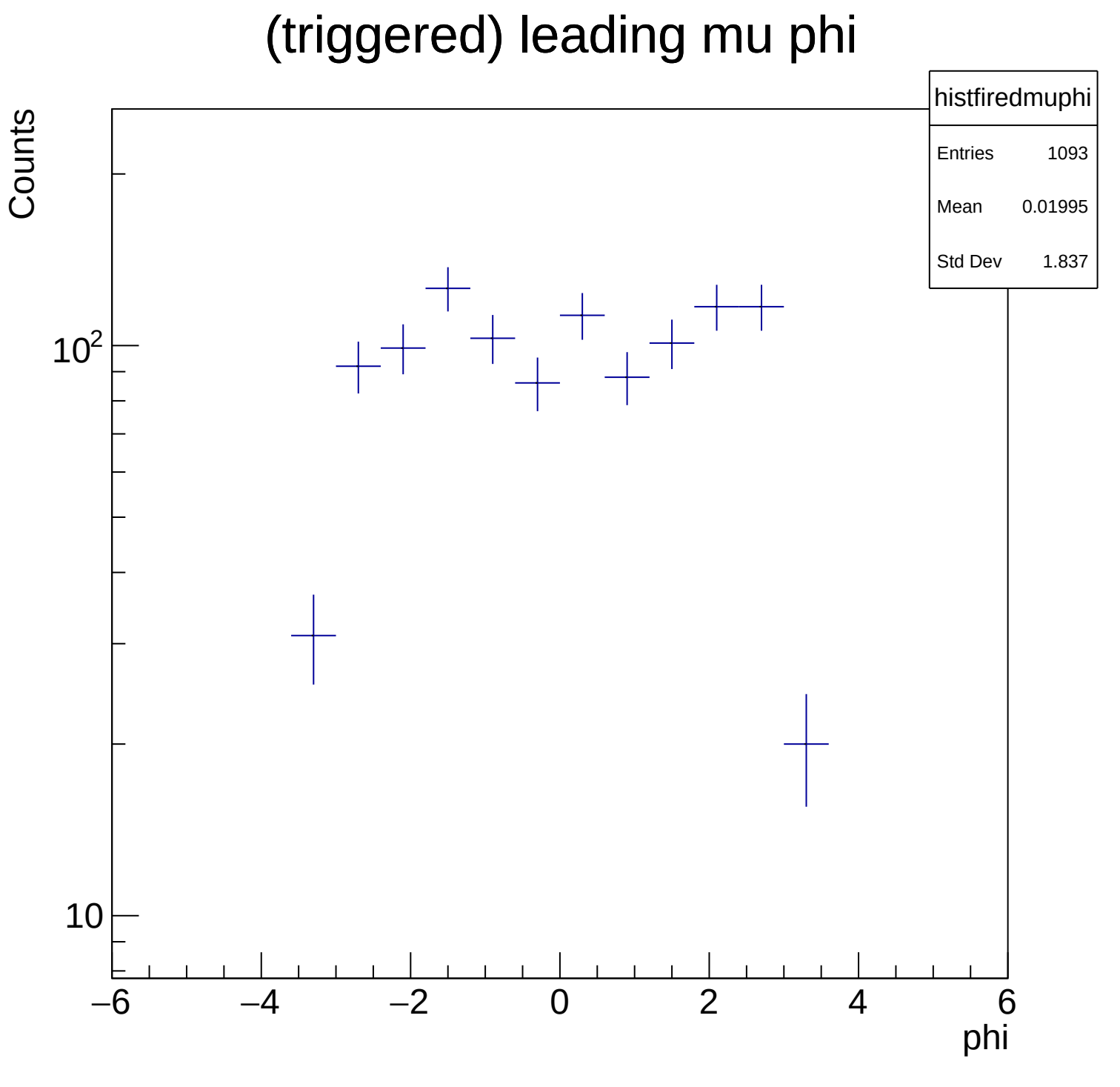

(triggered) leading jet pt
histfiredjetpt
Entries 1093
Mean 159
Std Dev 58.05
Counts
10^2
10
1
0
50
100
150
200
250
300
350
400
450
500
pt [GeV]


(triggered) leading jet eta
histfiredjeteta
Entries 1093
Mean 0.007527
Std Dev 1.532
Counts
10^2
10
1
–6
–4
–2
0
2
4
6
eta


(triggered) leading jet phi
histfiredjetphi
Entries 1093
Mean 0.01697
Std Dev 1.799
Counts
10^2
10
–6
–4
–2
0
2
4
6
phi


(triggered) leading mu pt
histfiredmupt
Entries 1093
Mean 11.76
Std Dev 12.81
Counts
10^2
10
1
0
20
40
60
80
100
120
140
pt [GEV]


(triggered) leading mu eta
histfiredmueta
Entries 1093
Mean −0.08381
Std Dev 1.427
Counts
10^2
10
1
−6
−4
−2
0
2
4
6
eta


(triggered) leading mu phi
histfiredmuphi
Entries 1093
Mean 0.01995
Std Dev 1.837
Counts
10^2
10
–6
–4
–2
0
2
4
6
phi