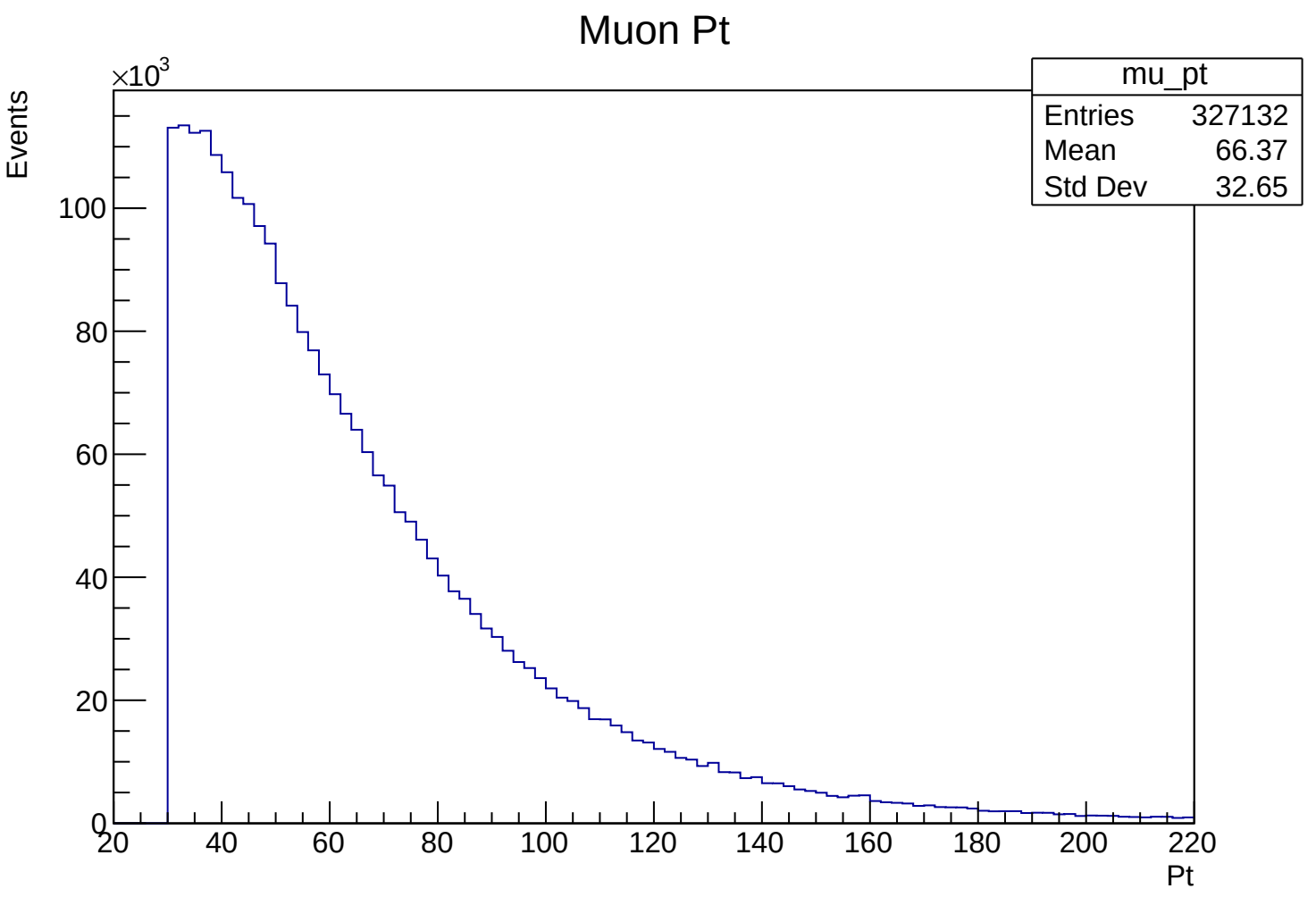
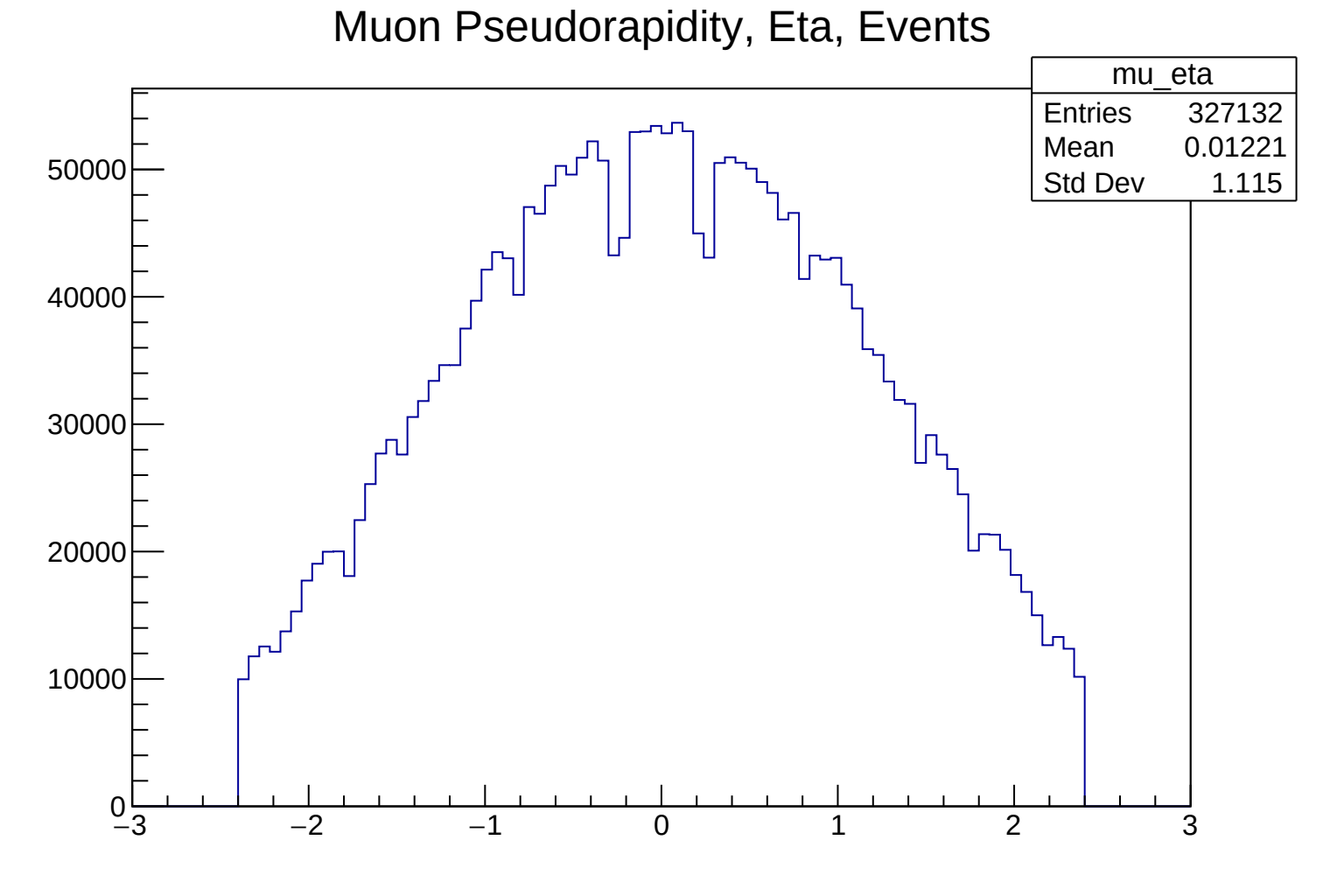
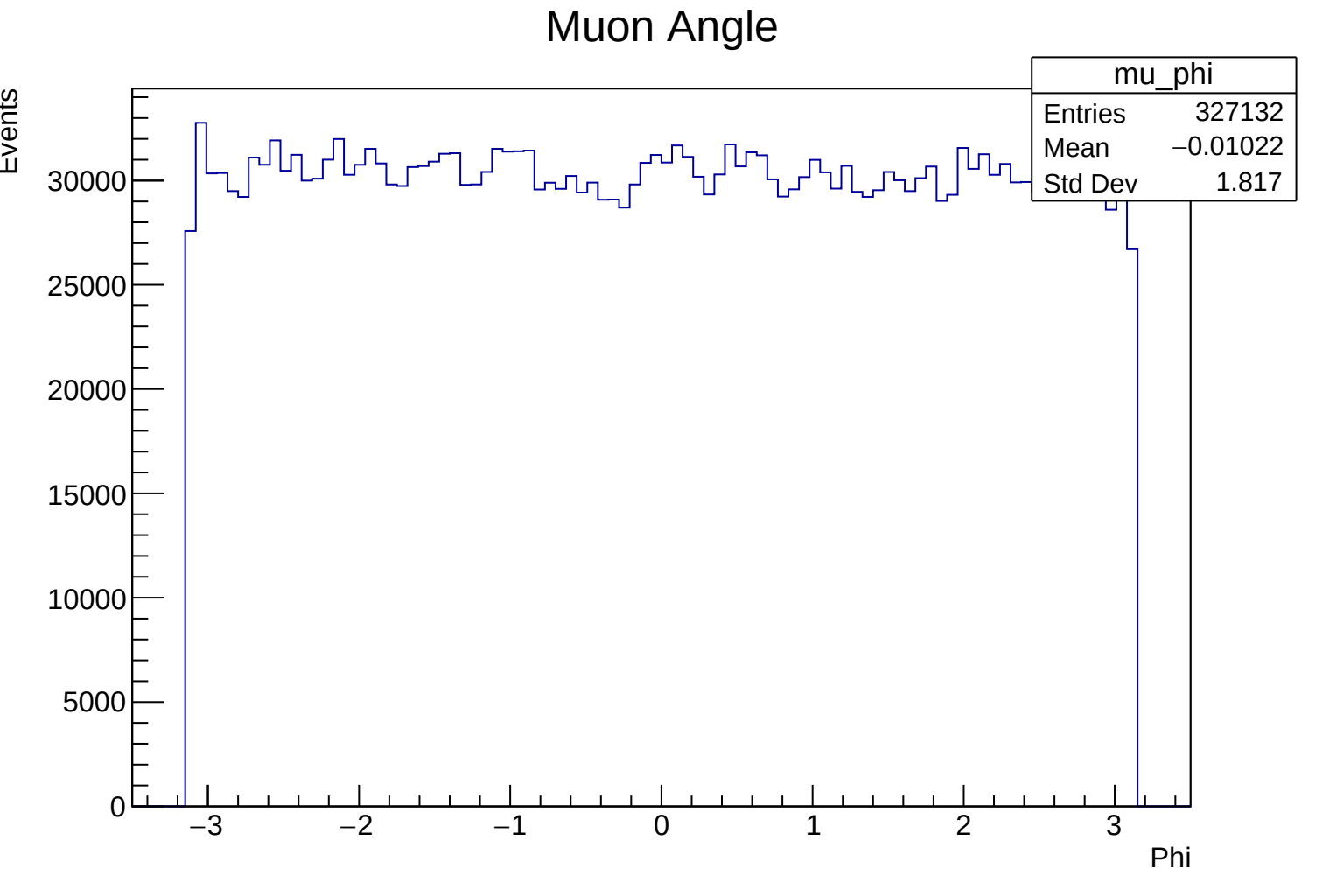
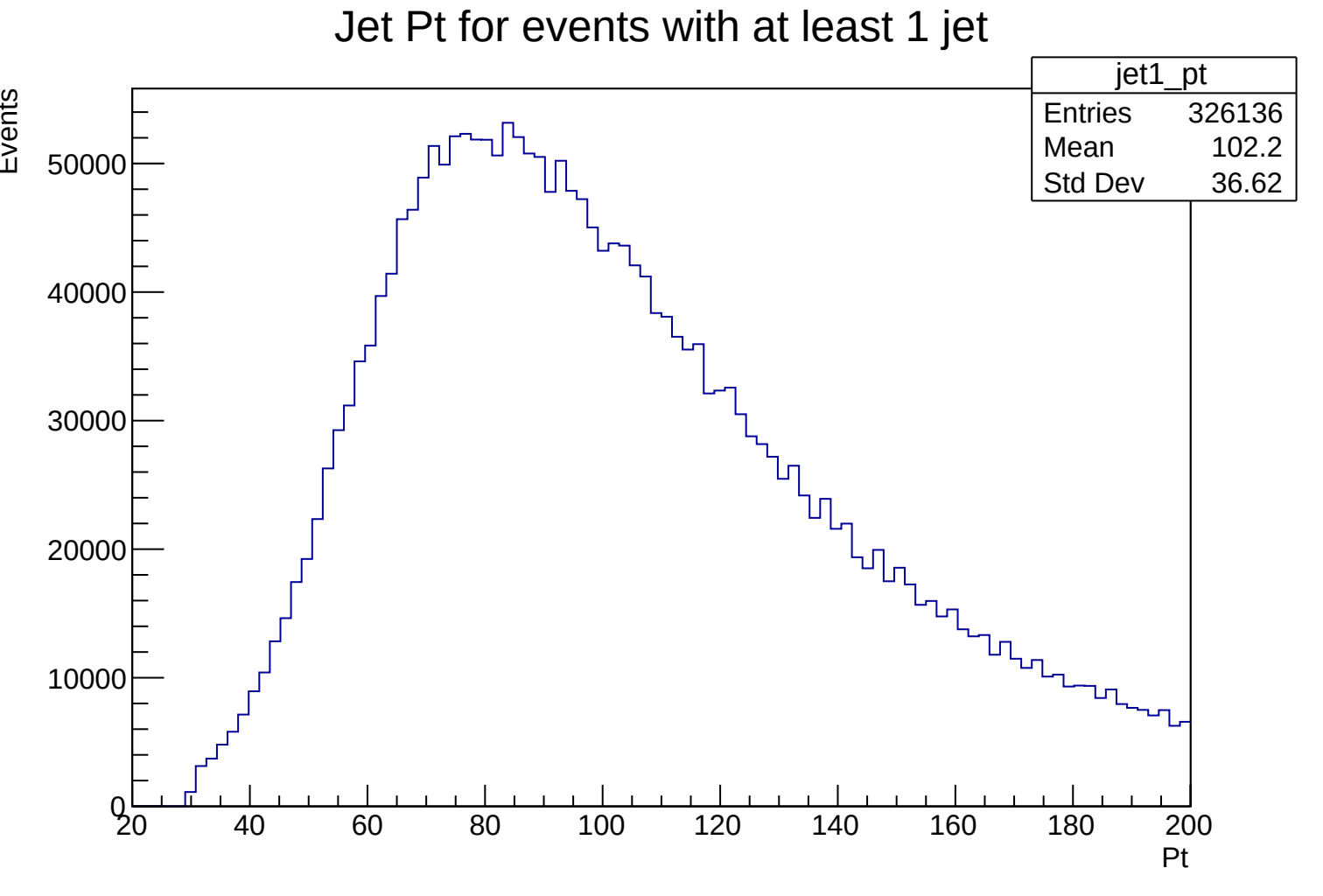
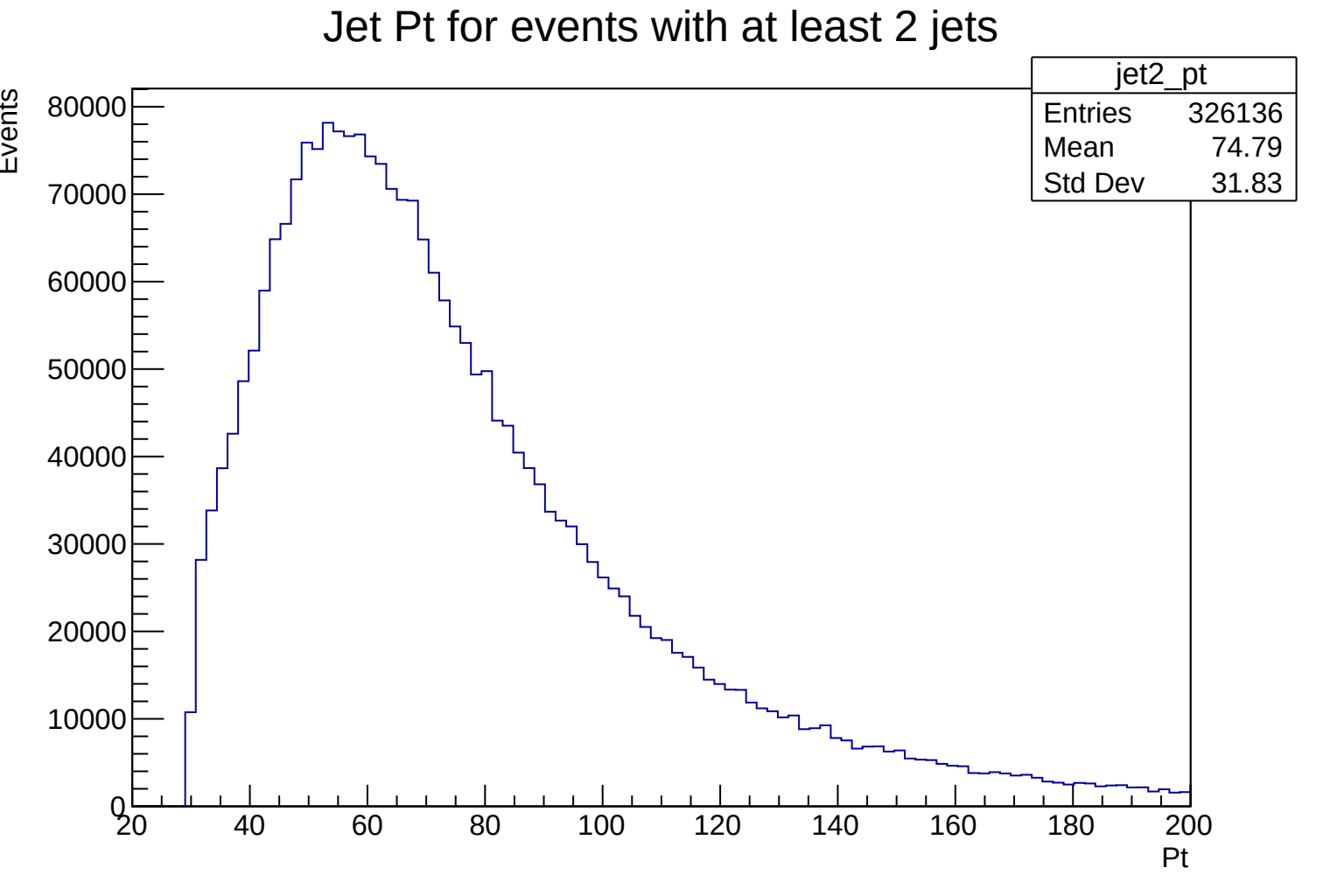
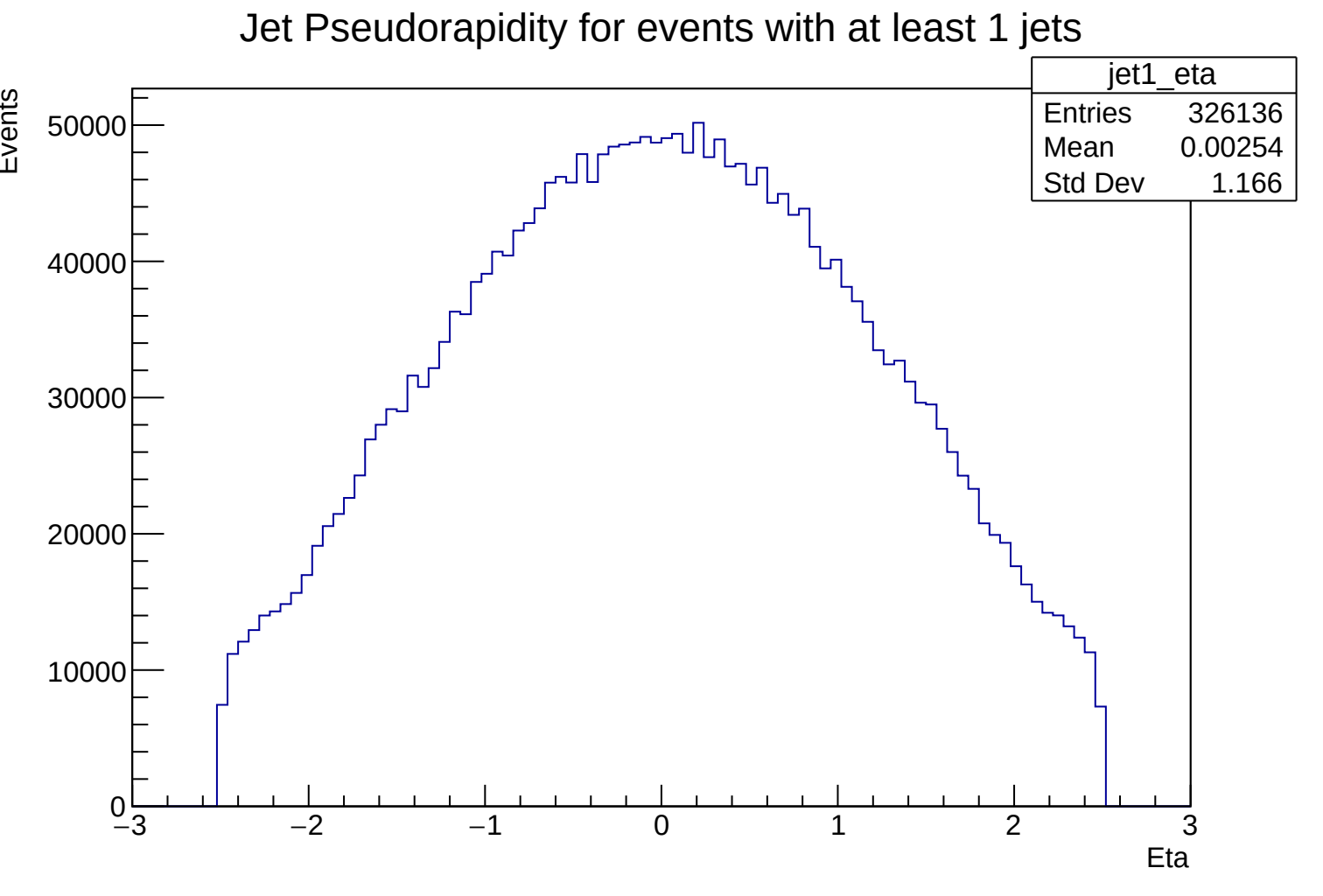

Muon Pt
mu_pt
Entries 327132
Mean 66.37
Std Dev 32.65
×10^3
Events
100
80
60
40
20
0
20
40
60
80
100
120
140
160
180
200
220
Pt

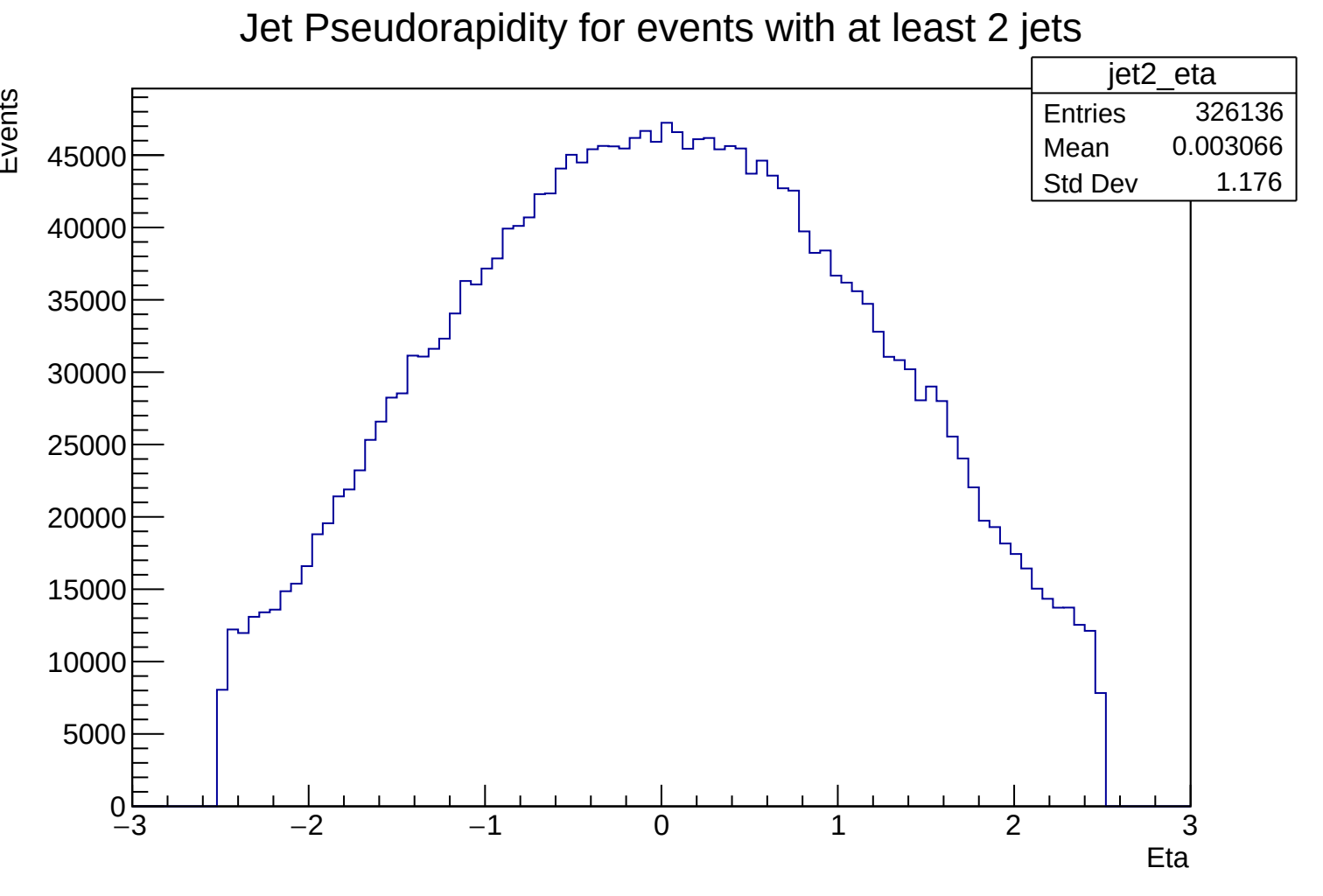

Muon Pseudorapidity, Eta, Events
mu_eta
Entries 327132
Mean 0.01221
Std Dev 1.115
50000
40000
30000
20000
10000
0
−3
−2
−1
0
1
2
3

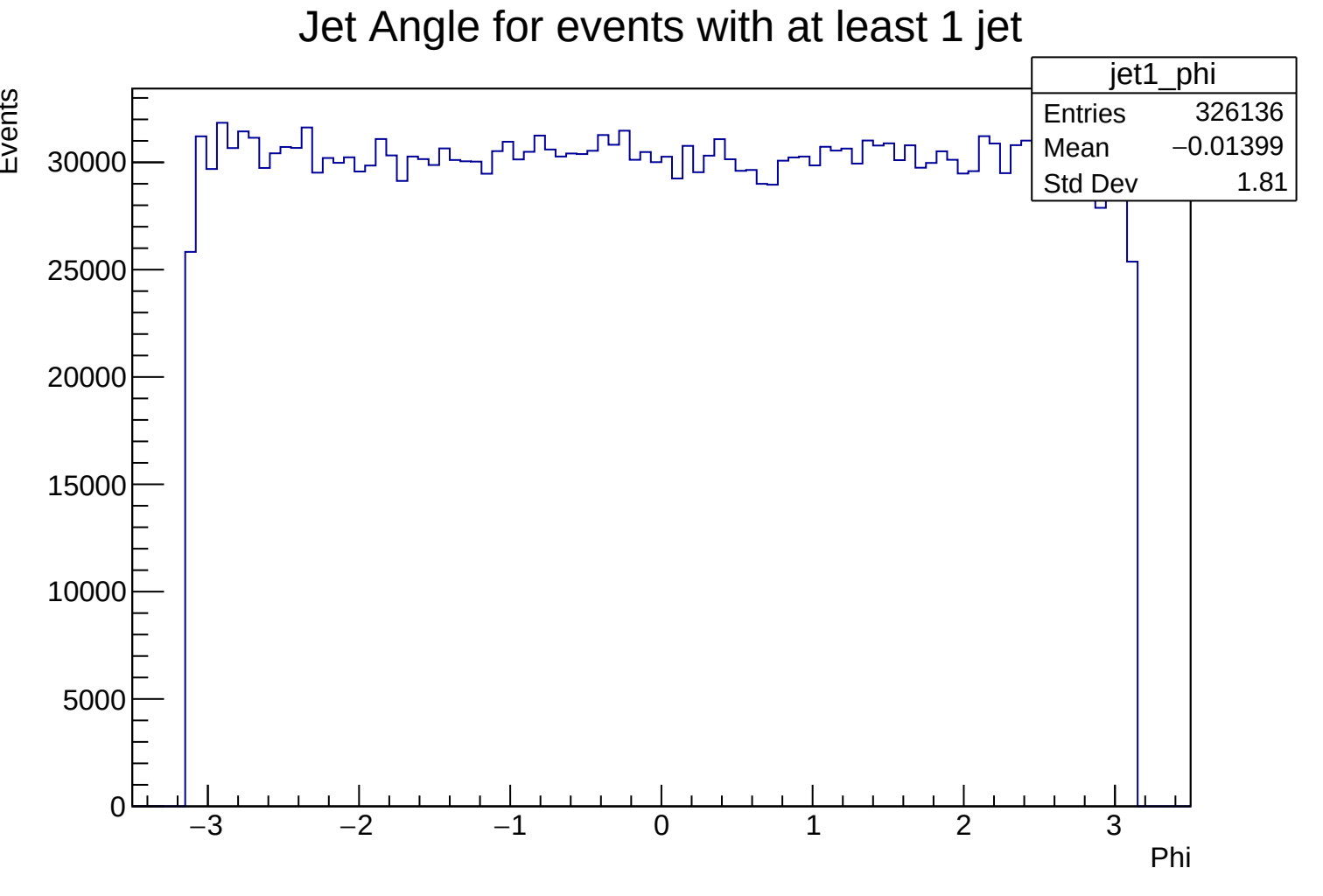

Muon Angle
mu_phi
Entries 327132
Mean −0.01022
Std Dev 1.817
Events
30000
25000
20000
15000
10000
5000
0
−3
−2
−1
0
1
2
3
Phi

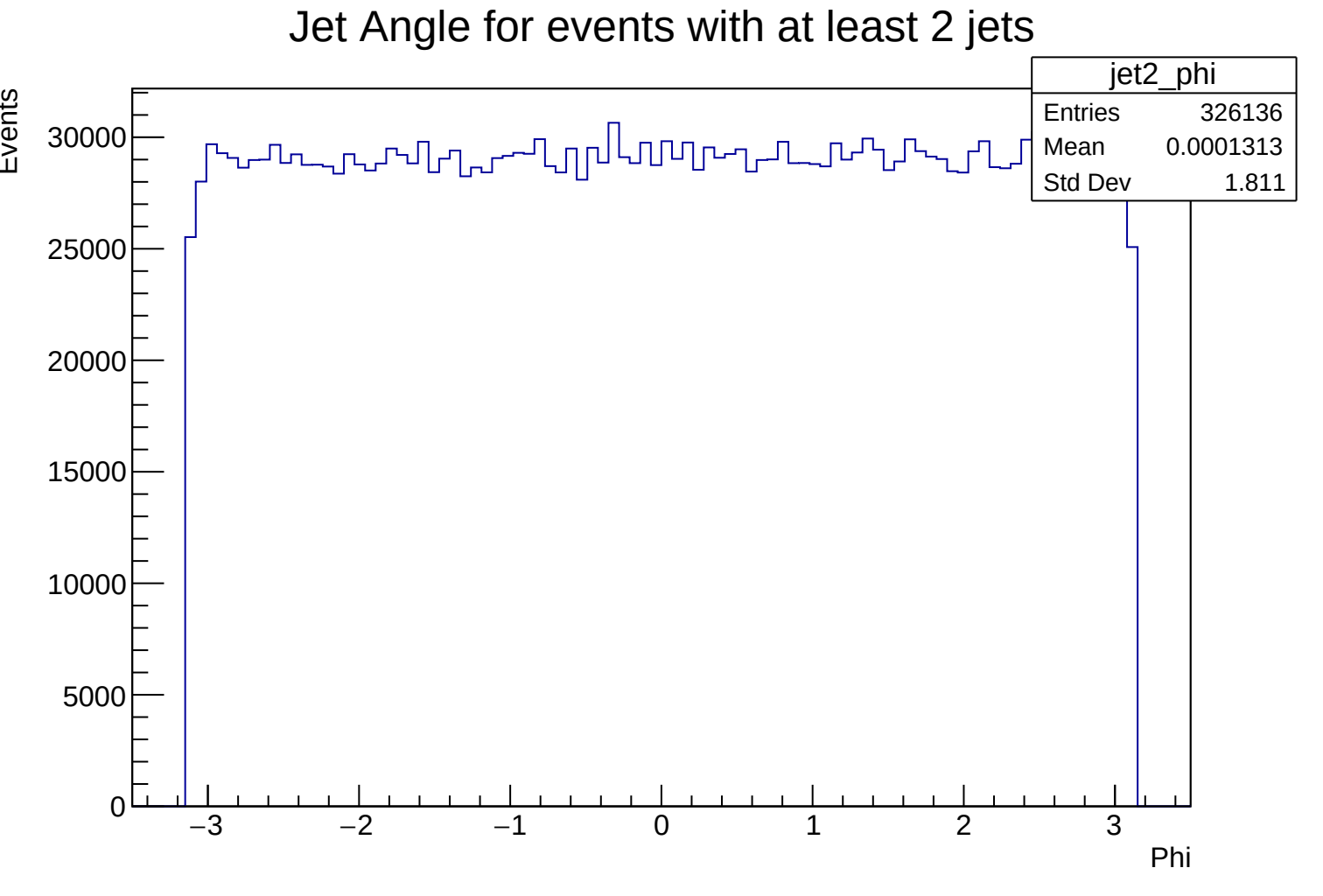

Jet Pt for events with at least 1 jet
jet1_pt
Entries 326136
Mean 102.2
Std Dev 36.62
Events
50000
40000
30000
20000
10000
0
20
40
60
80
100
120
140
160
180
200
Pt

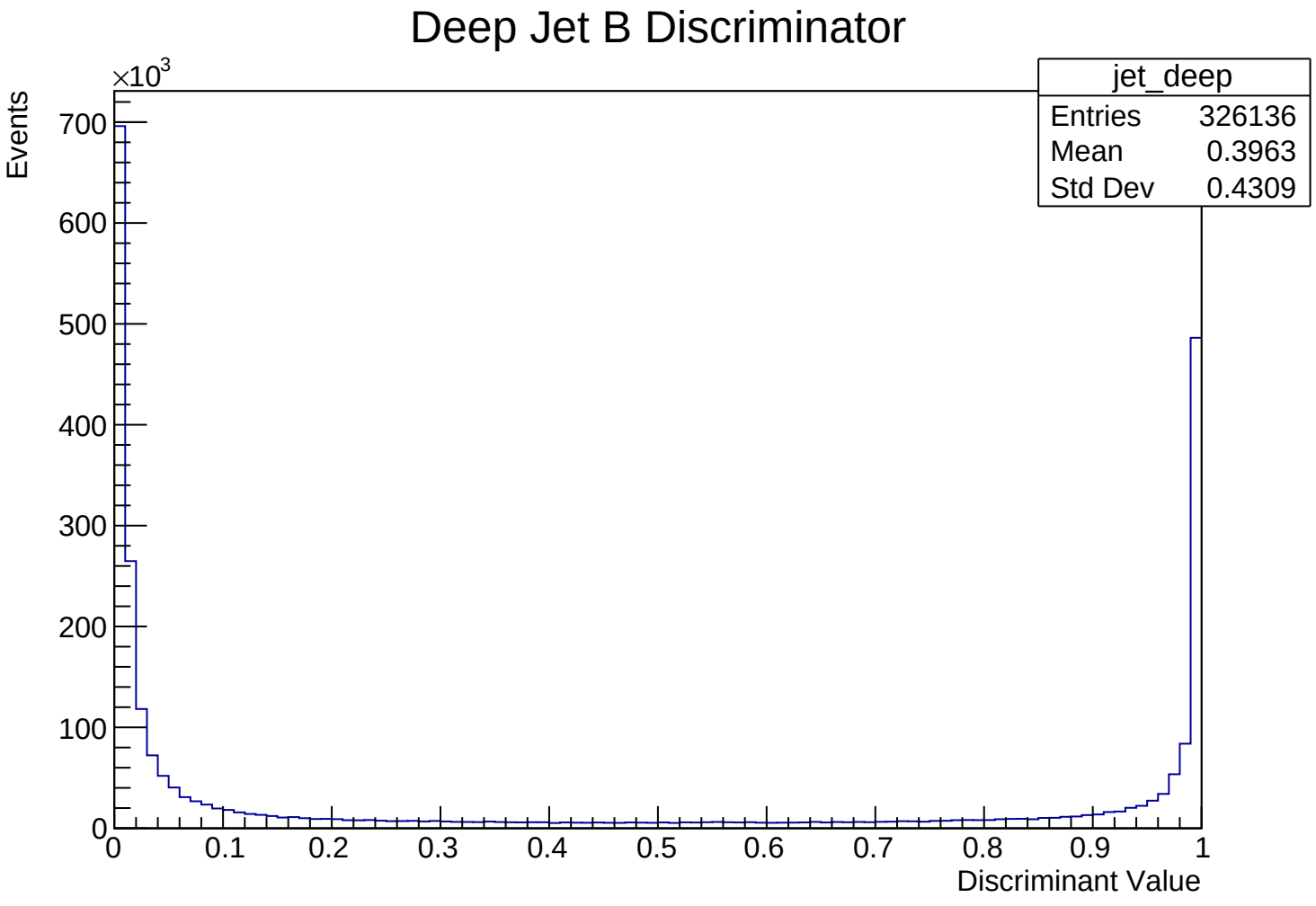

Jet Pt for events with at least 2 jets
jet2_pt
Entries 326136
Mean 74.79
Std Dev 31.83
Events
80000
70000
60000
50000
40000
30000
20000
10000
0
20
40
60
80
100
120
140
160
180
200
Pt

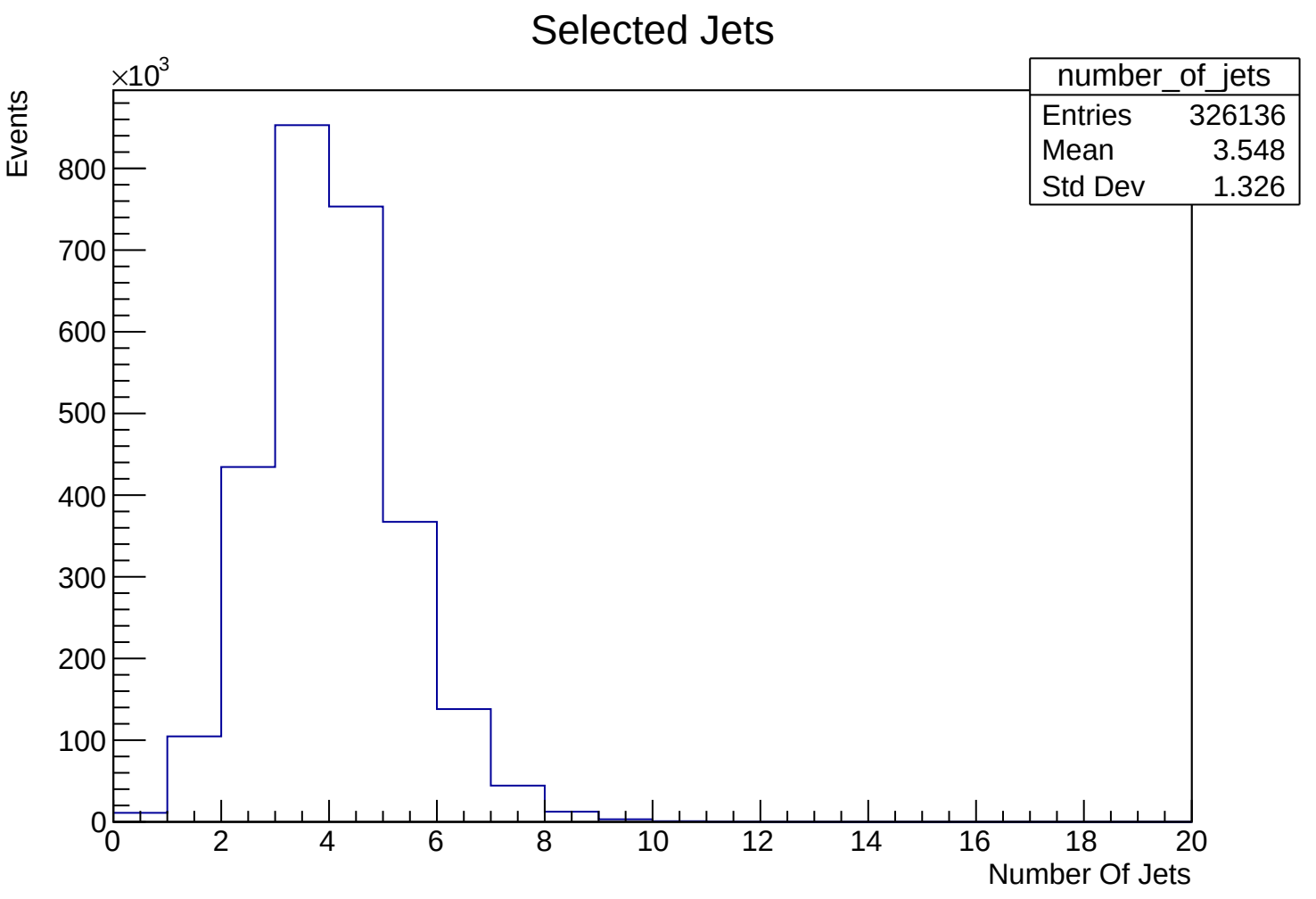

Jet Pseudorapidity for events with at least 1 jets
jet1_eta
Entries 326136
Mean 0.00254
Std Dev 1.166
Events
50000
40000
30000
20000
10000
0
−3
−2
−1
0
1
2
3
Eta

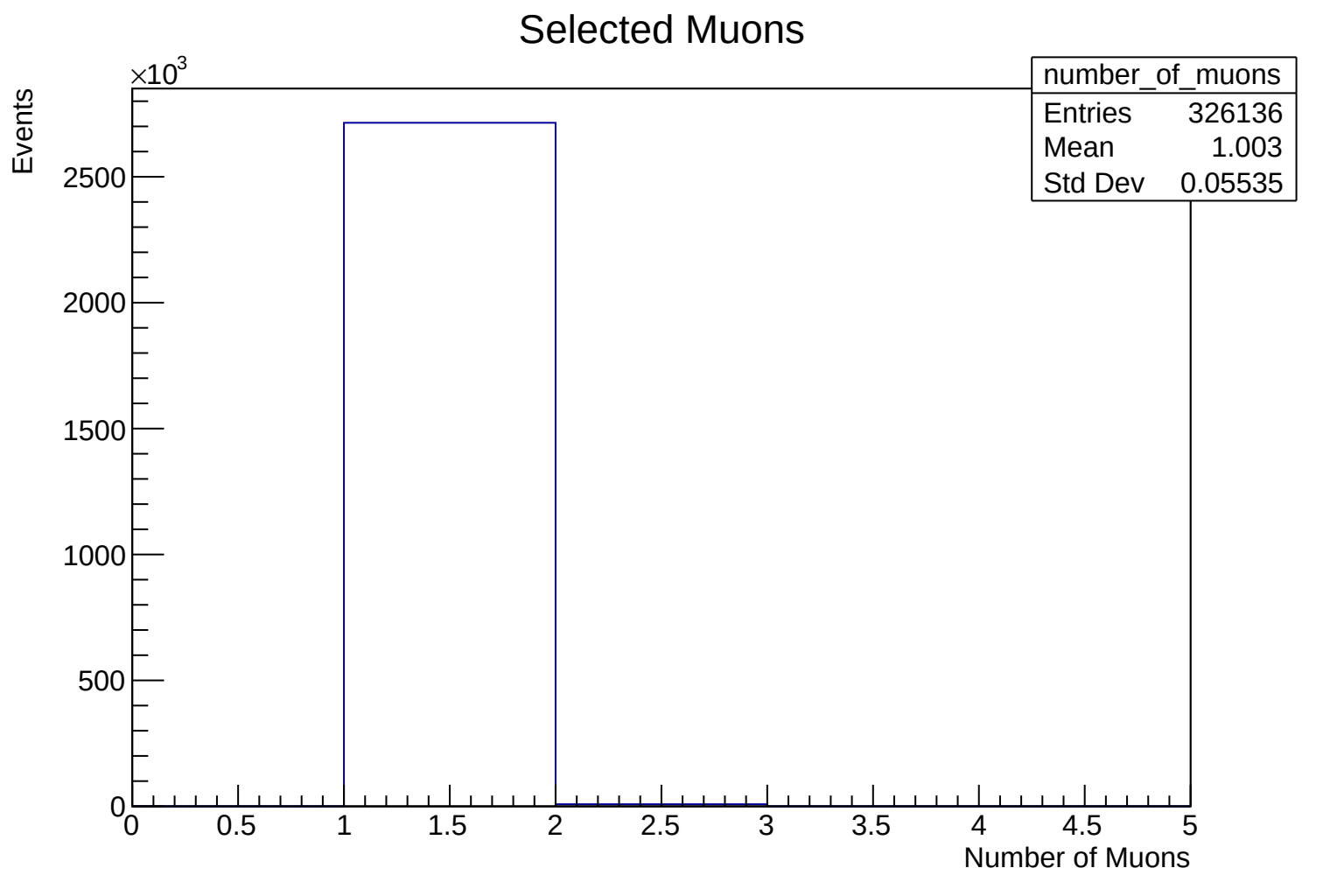

Jet Pseudorapidity for events with at least 2 jets
jet2_eta
Entries 326136
Mean 0.003066
Std Dev 1.176
Events
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
−3
−2
−1
0
1
2
3
Eta

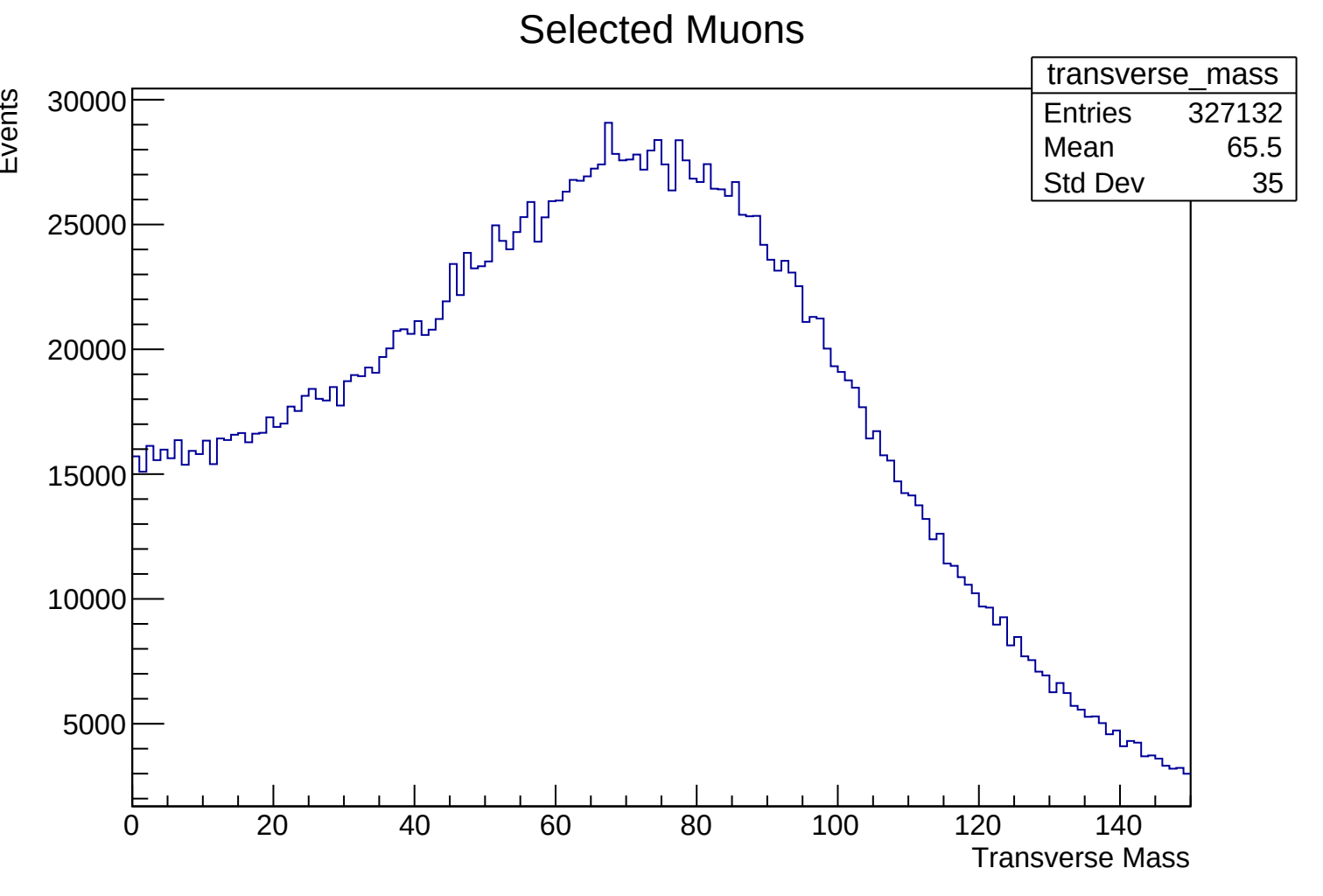

Jet Angle for events with at least 1 jet
jet1_phi
Entries 326136
Mean −0.01399
Std Dev 1.81
Events
30000
25000
20000
15000
10000
5000
0
−3
−2
−1
0
1
2
3
Phi


Jet Angle for events with at least 2 jets
jet2_phi
Entries 326136
Mean 0.0001313
Std Dev 1.811
Events
30000
25000
20000
15000
10000
5000
0
−3
−2
−1
0
1
2
3
Phi


Deep Jet B Discriminator
jet_deep
Entries 326136
Mean 0.3963
Std Dev 0.4309
×10^3
Events
700
600
500
400
300
200
100
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Discriminant Value


Selected Jets
number_of_jets
Entries 326136
Mean 3.548
Std Dev 1.326
×10^3
Events
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
Number Of Jets


Selected Muons
number_of_muons
Entries 326136
Mean 1.003
Std Dev 0.05535
×10^3
Events
2500
2000
1500
1000
500
0
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5
Number of Muons


Selected Muons
transverse_mass
Entries 327132
Mean 65.5
Std Dev 35
Events
30000
25000
20000
15000
10000
5000
0
20
40
60
80
100
120
140
Transverse Mass