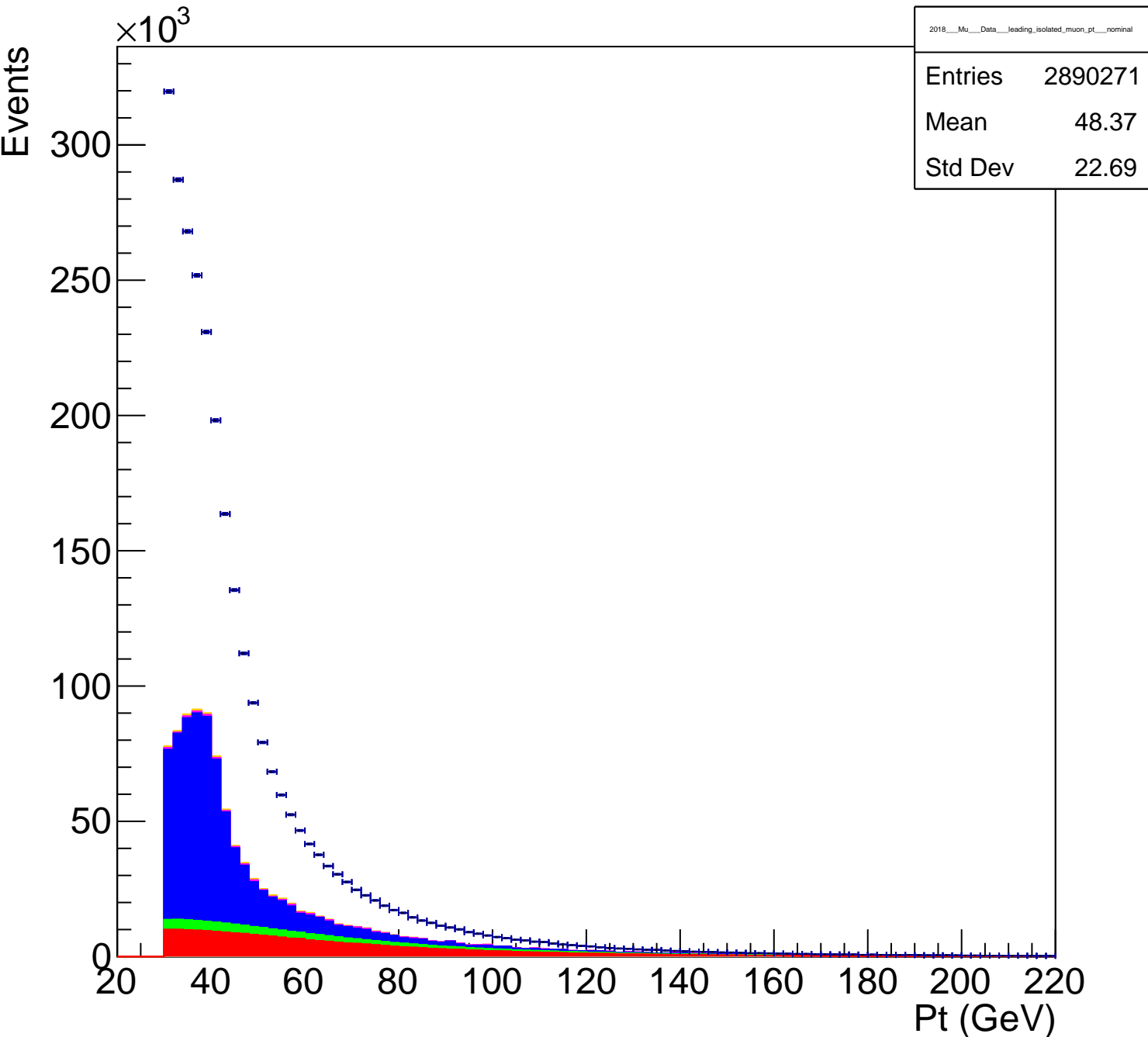
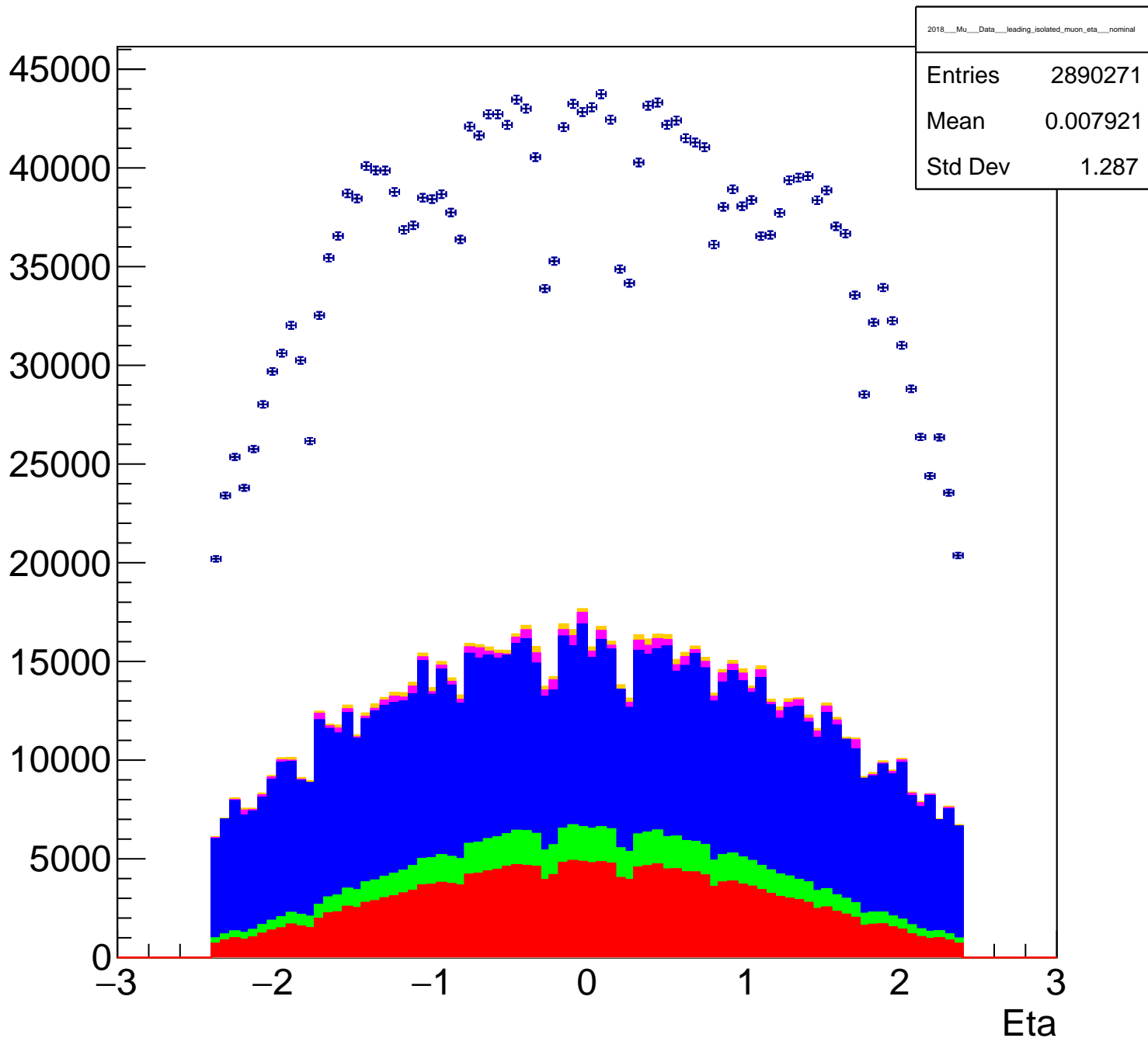


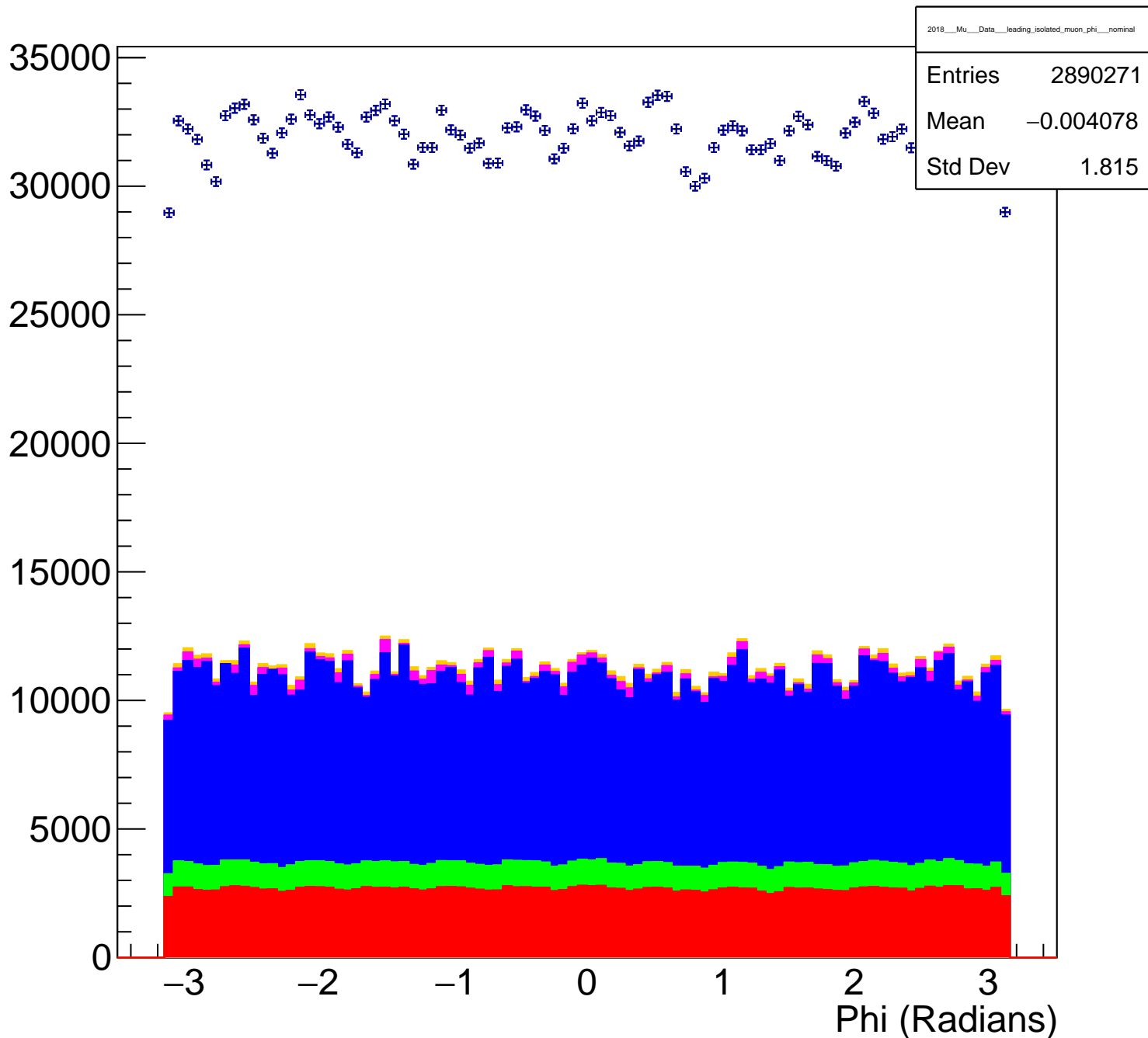
Leading Isolated Muon Transverse Momentum



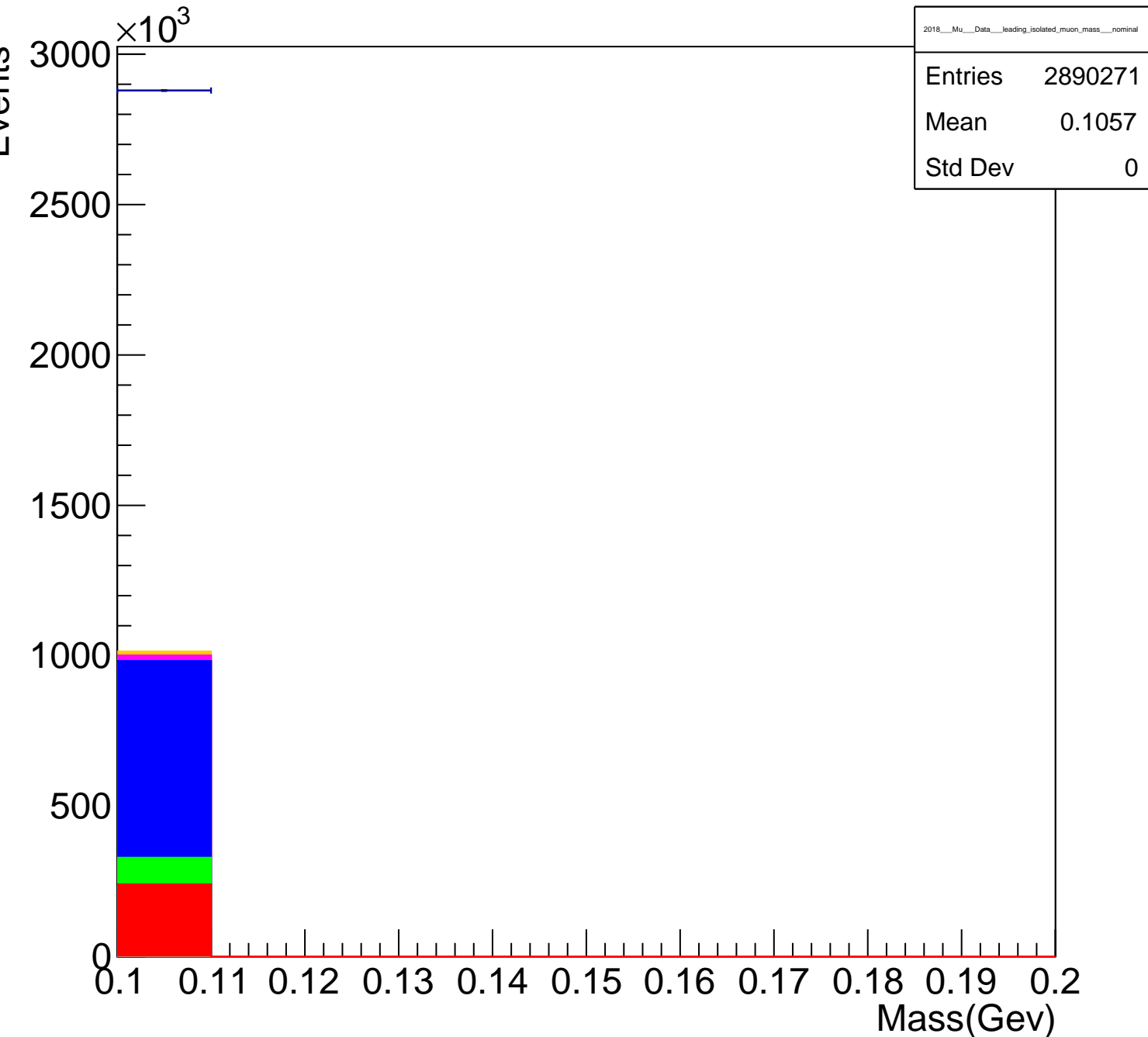
Leading Isolated Muon Pseudorapidity



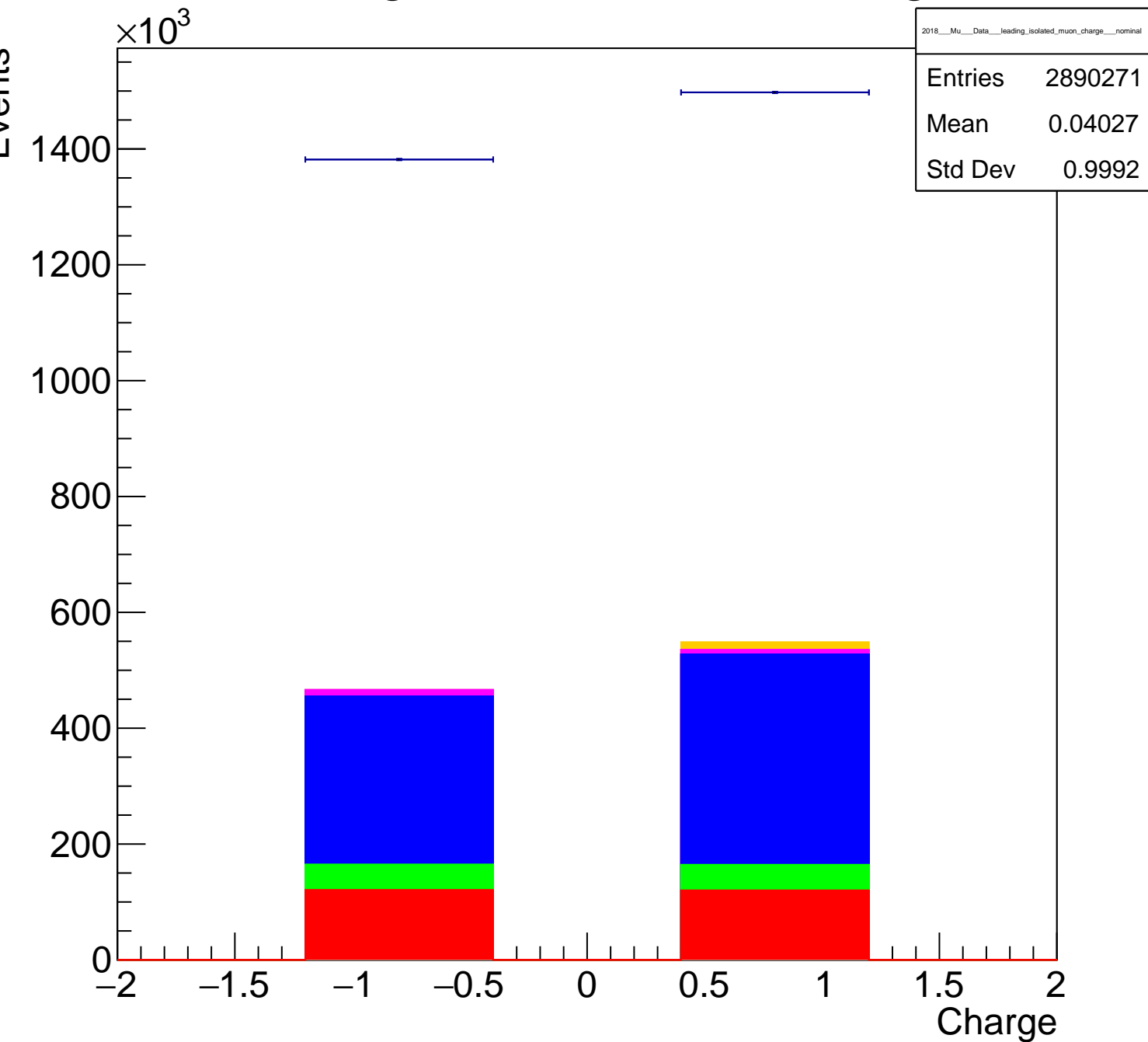
Leading Isolated Muon Angle



Leading Isolated Muon Mass

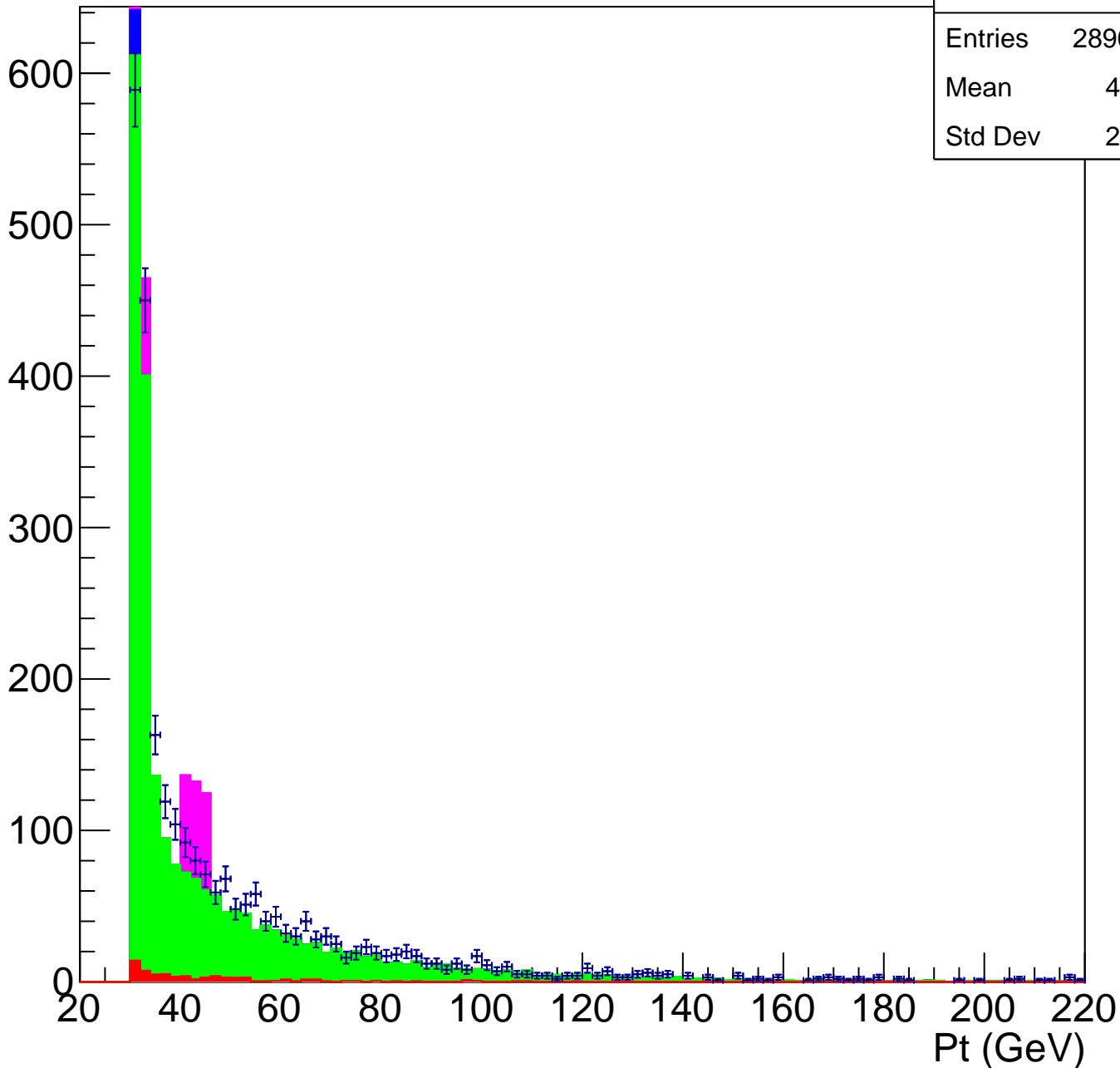


Leading Isolated Muon Charge



Leading Isolated Electron Transverse Momentum

Events



Leading Isolated Electron Pseudorapidity

Events

70
60
50
40
30
20
10
0

-3

-2

-1

0

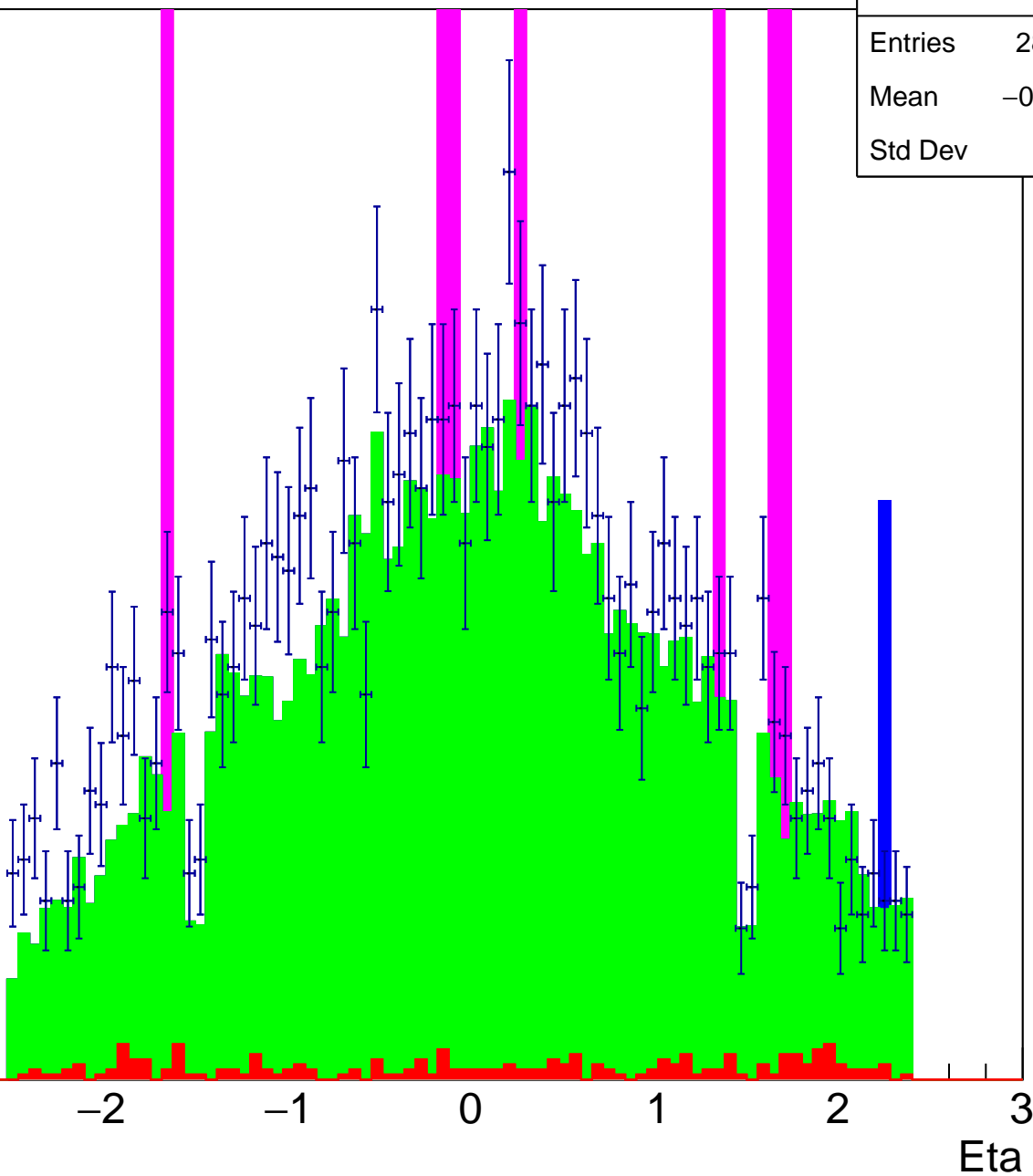
1

2

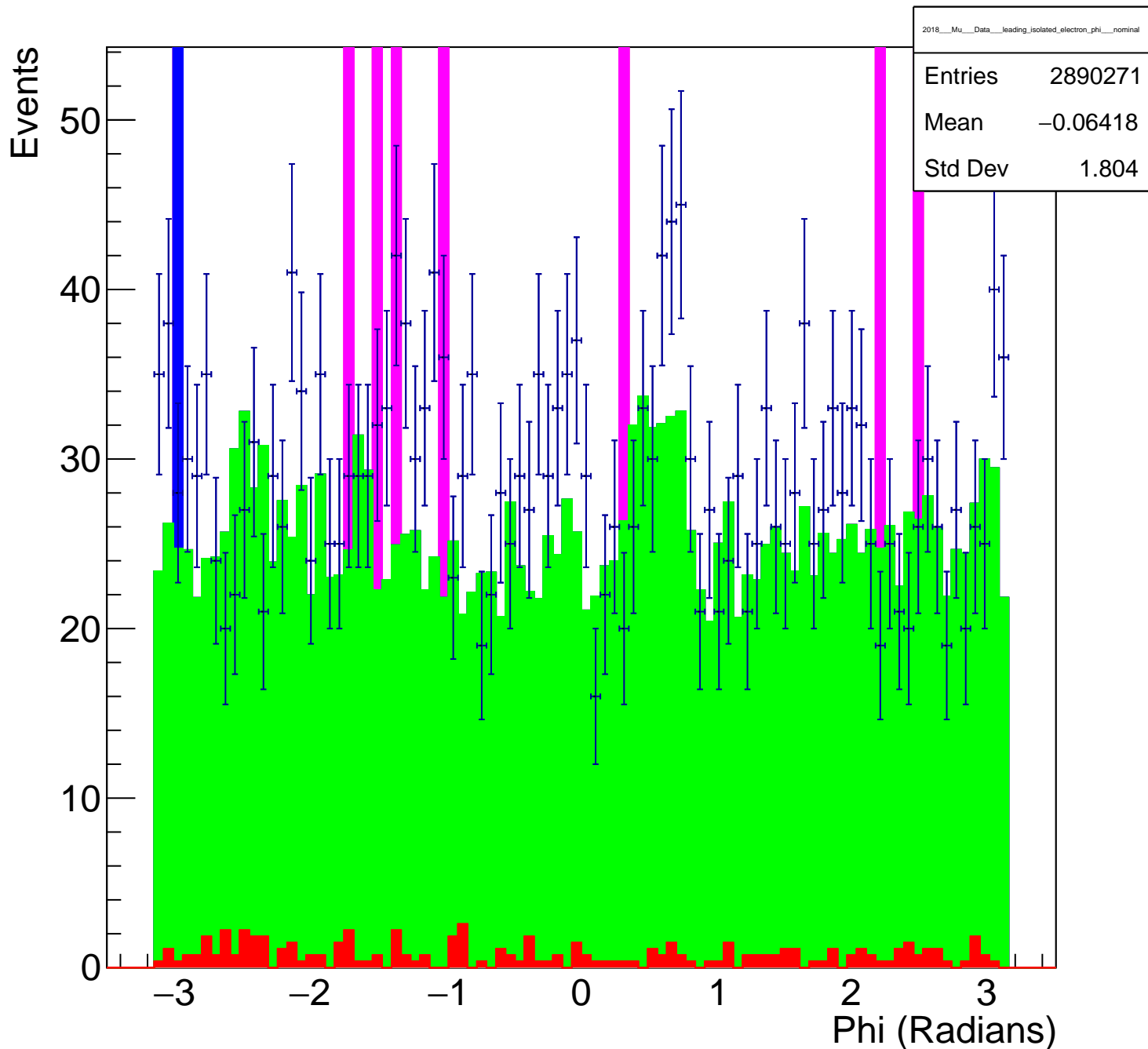
3

Eta

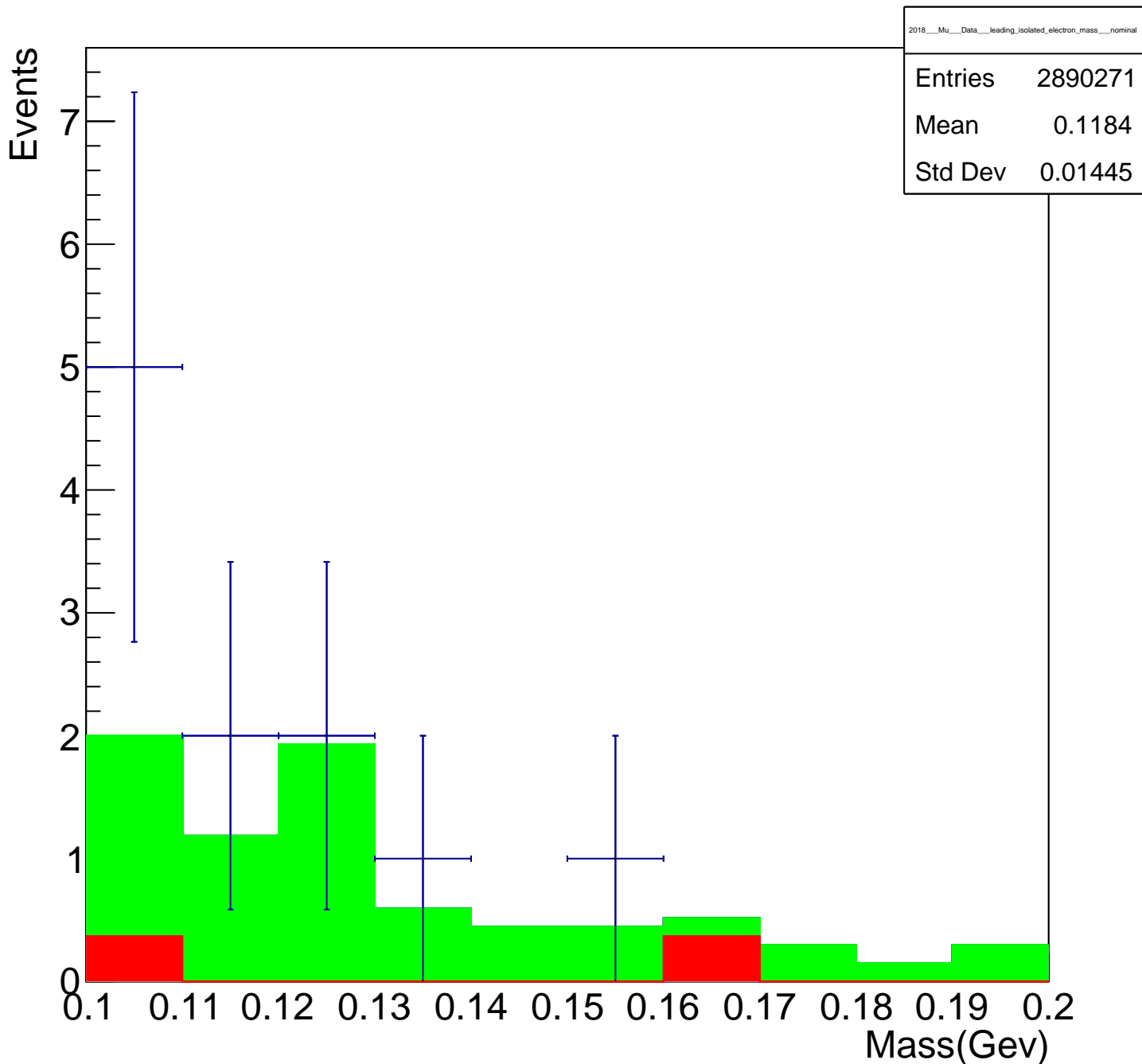
2018_Mu_Data_leading_isolated_electron_eta_nominal	
Entries	2890271
Mean	-0.07466
Std Dev	1.176



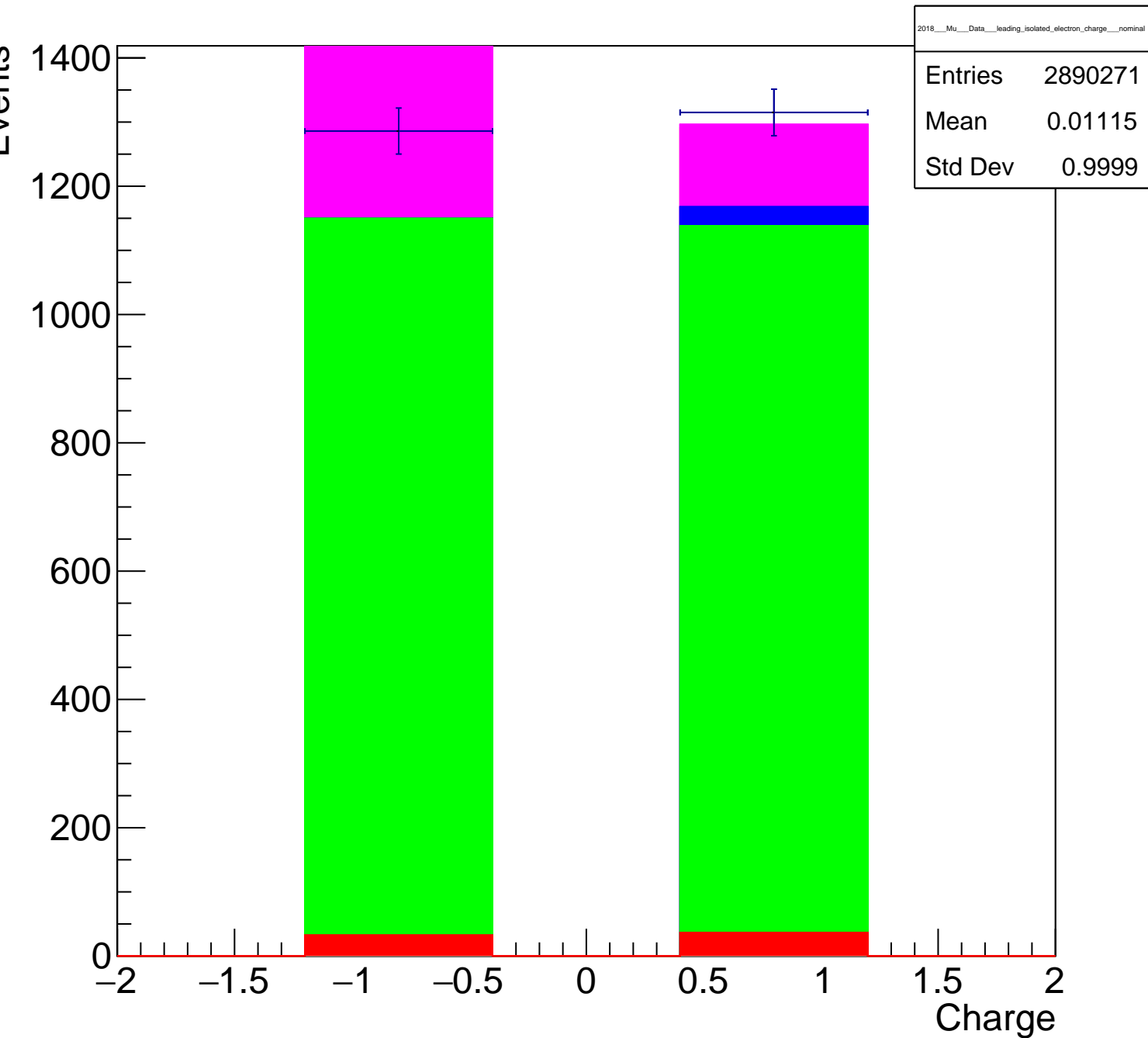
Leading Isolated Electron Angle



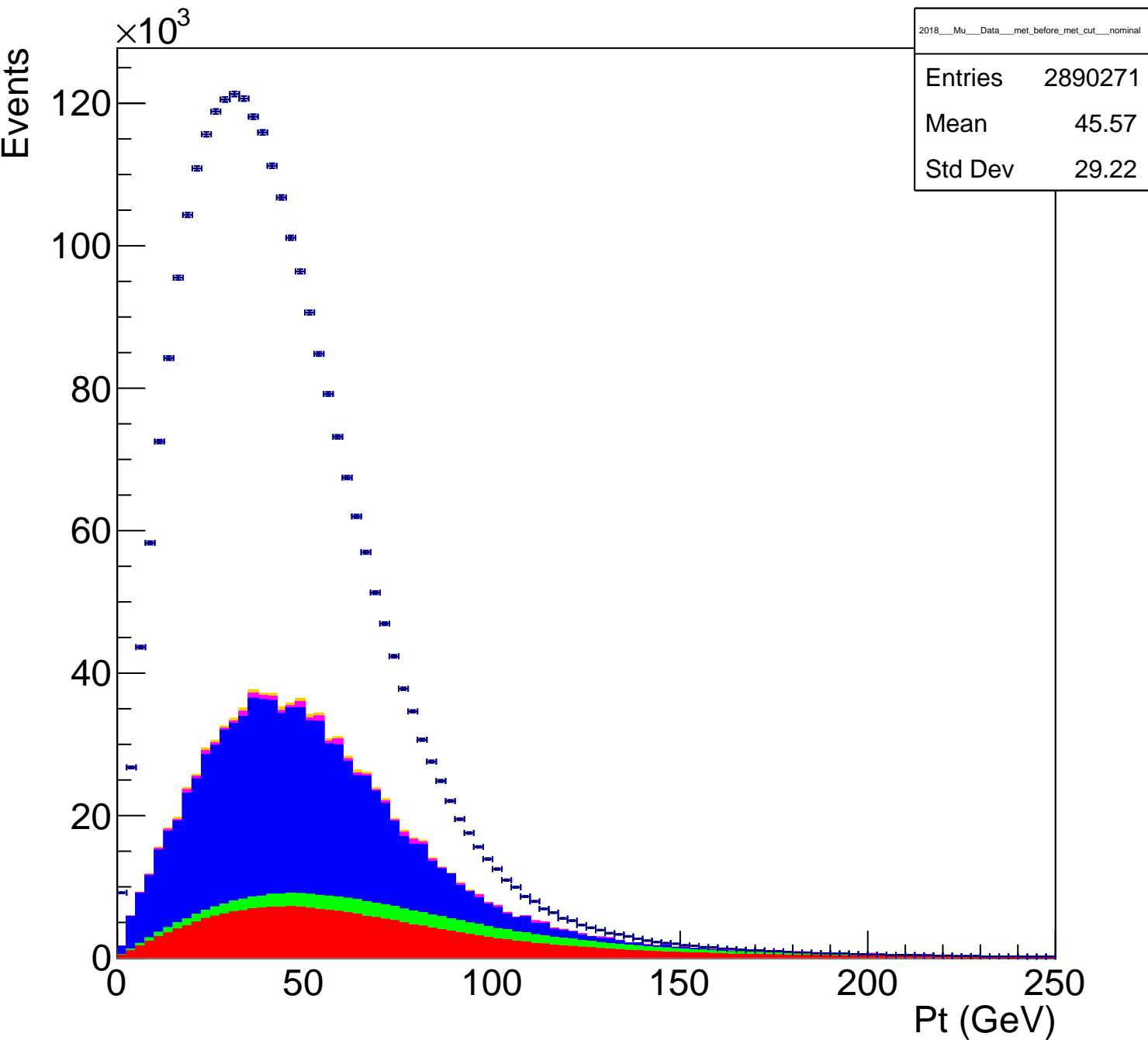
Leading Isolated Electron Mass



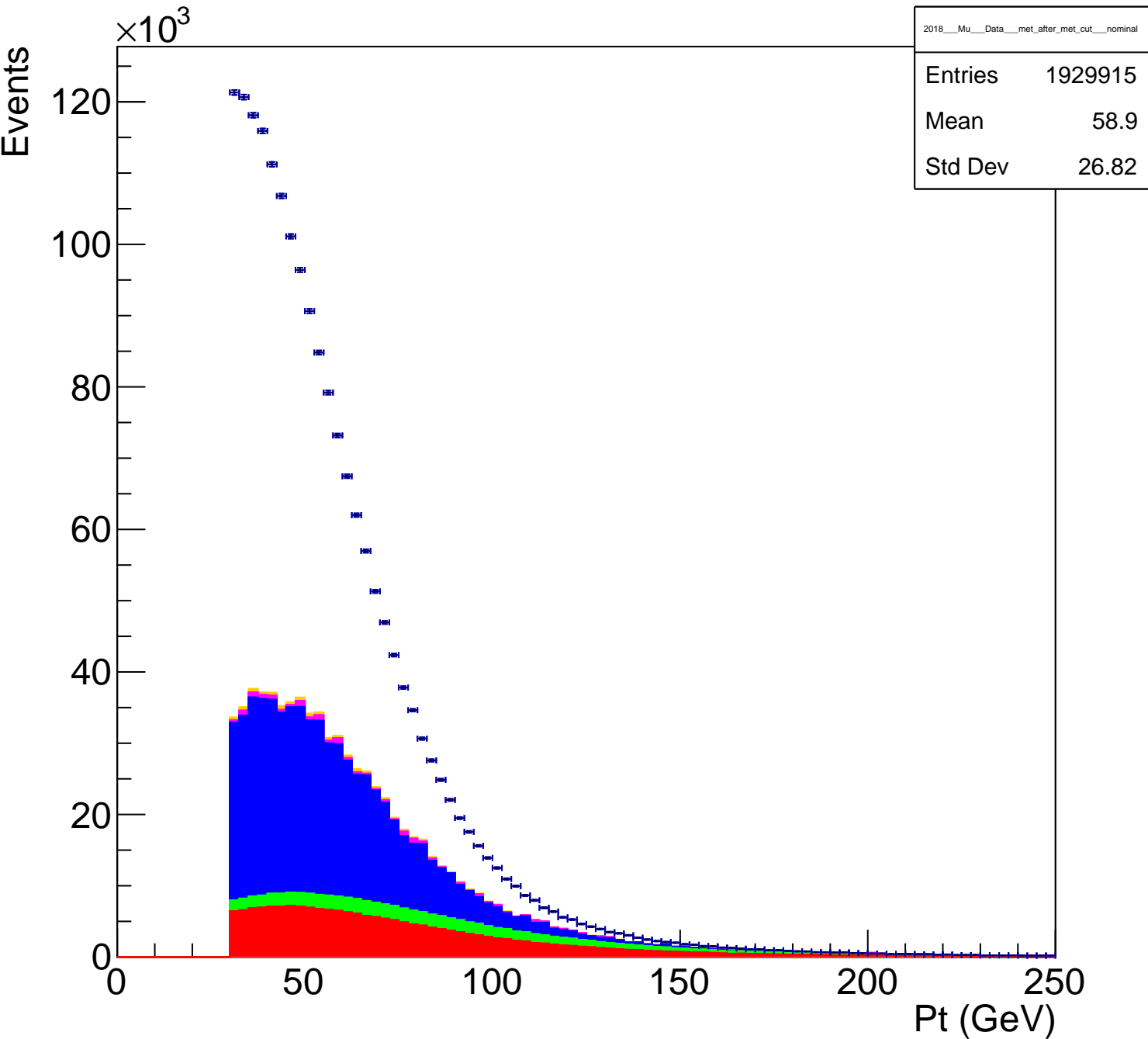
Leading Isolated Electron Charge



MET Before MET Cut

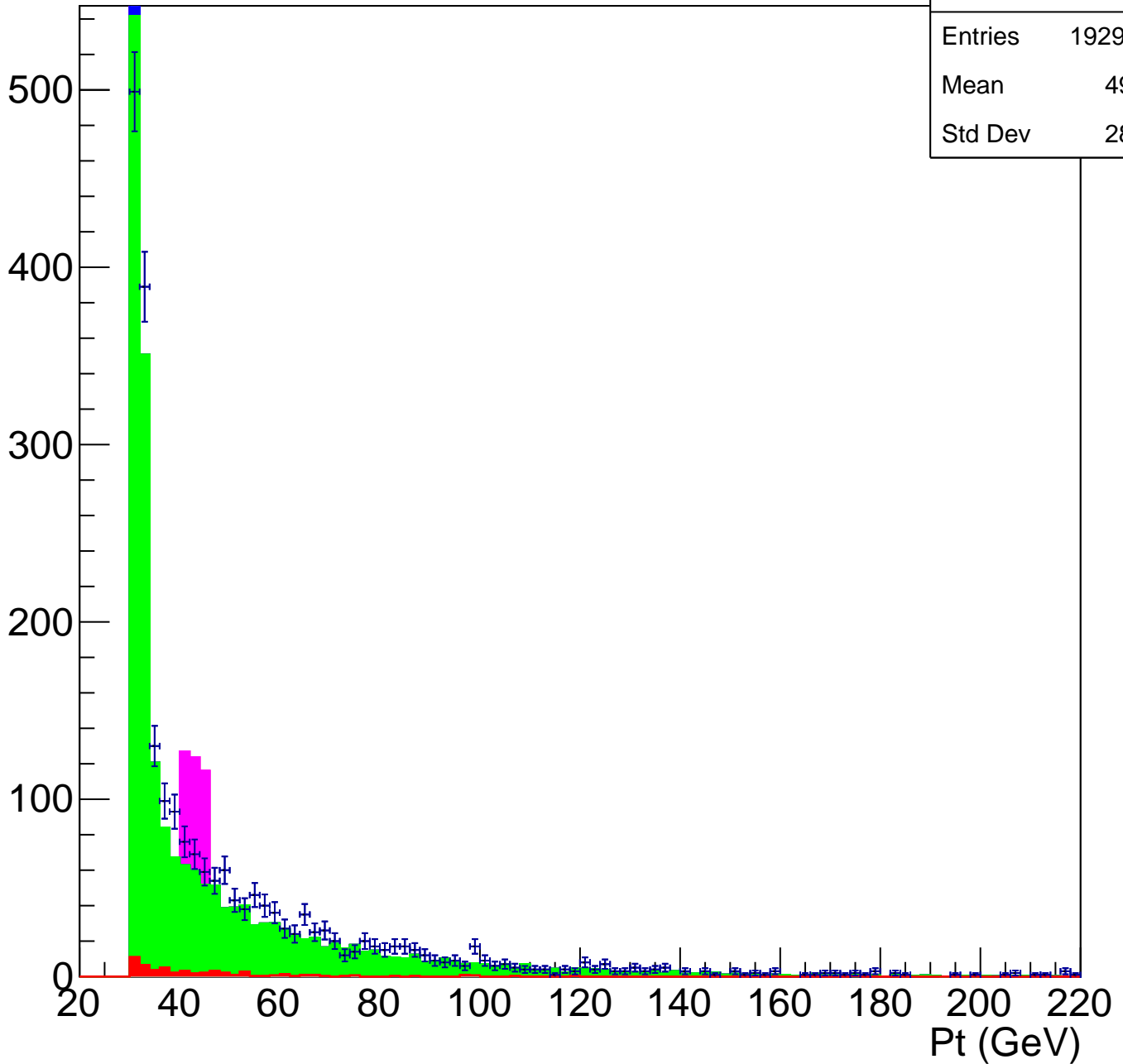


MET After MET Cut



Leading Isolated Electron Transverse Momentum After MET Cut

Events



Leading Isolated Electron Pseudorapidity After MET Cut

Events

60

50

40

30

20

10

0

-3

-2

-1

0

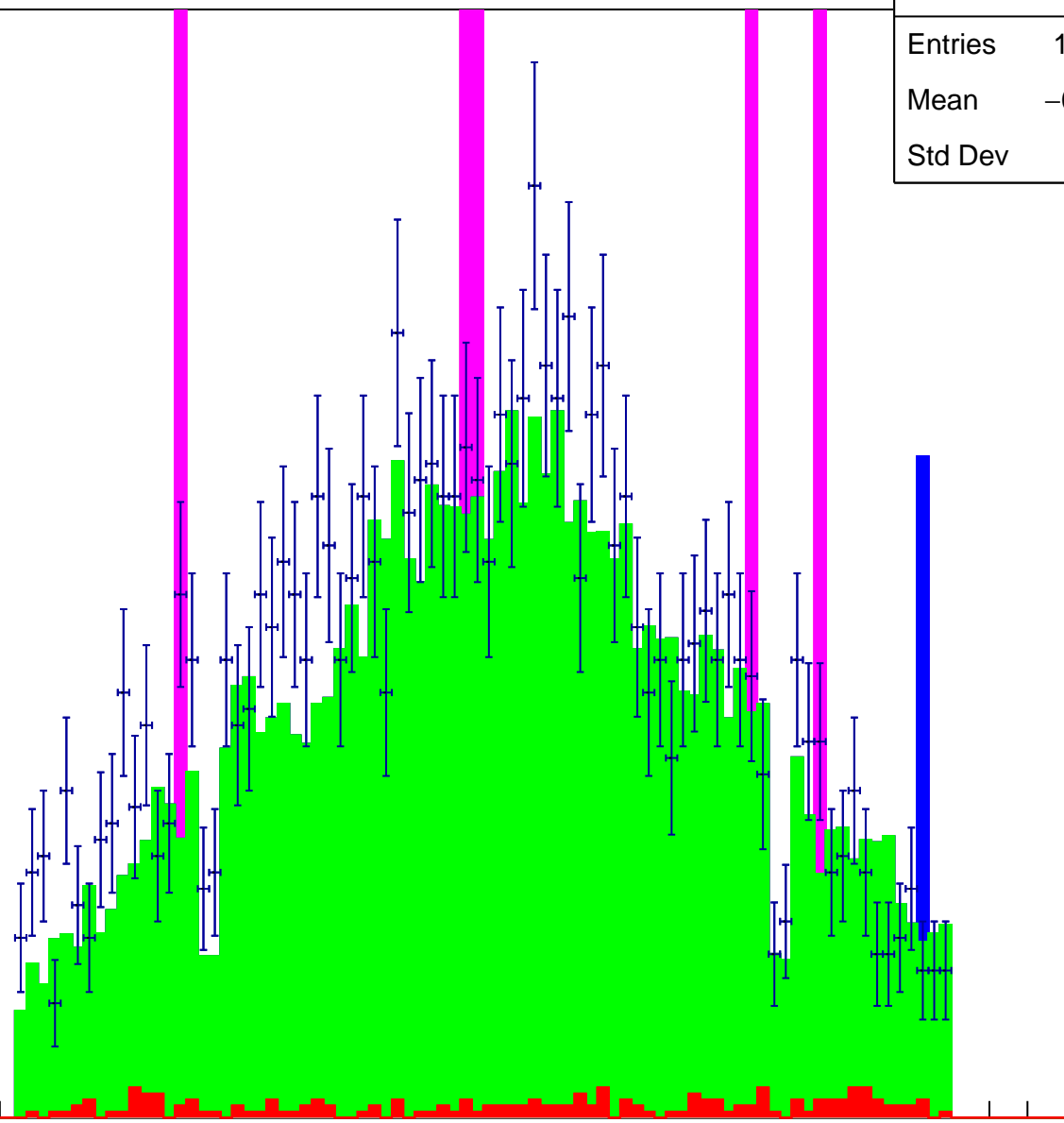
1

2

3

Eta

2018_Mu_Data_leading_isolated_electron_eta_after_met_cut_nominal	
Entries	1929915
Mean	-0.08876
Std Dev	1.164



Leading Isolated Electron Angle After MET Cut

Events

45
40
35
30
25
20
15
10
5
0

-3

-2

-1

0

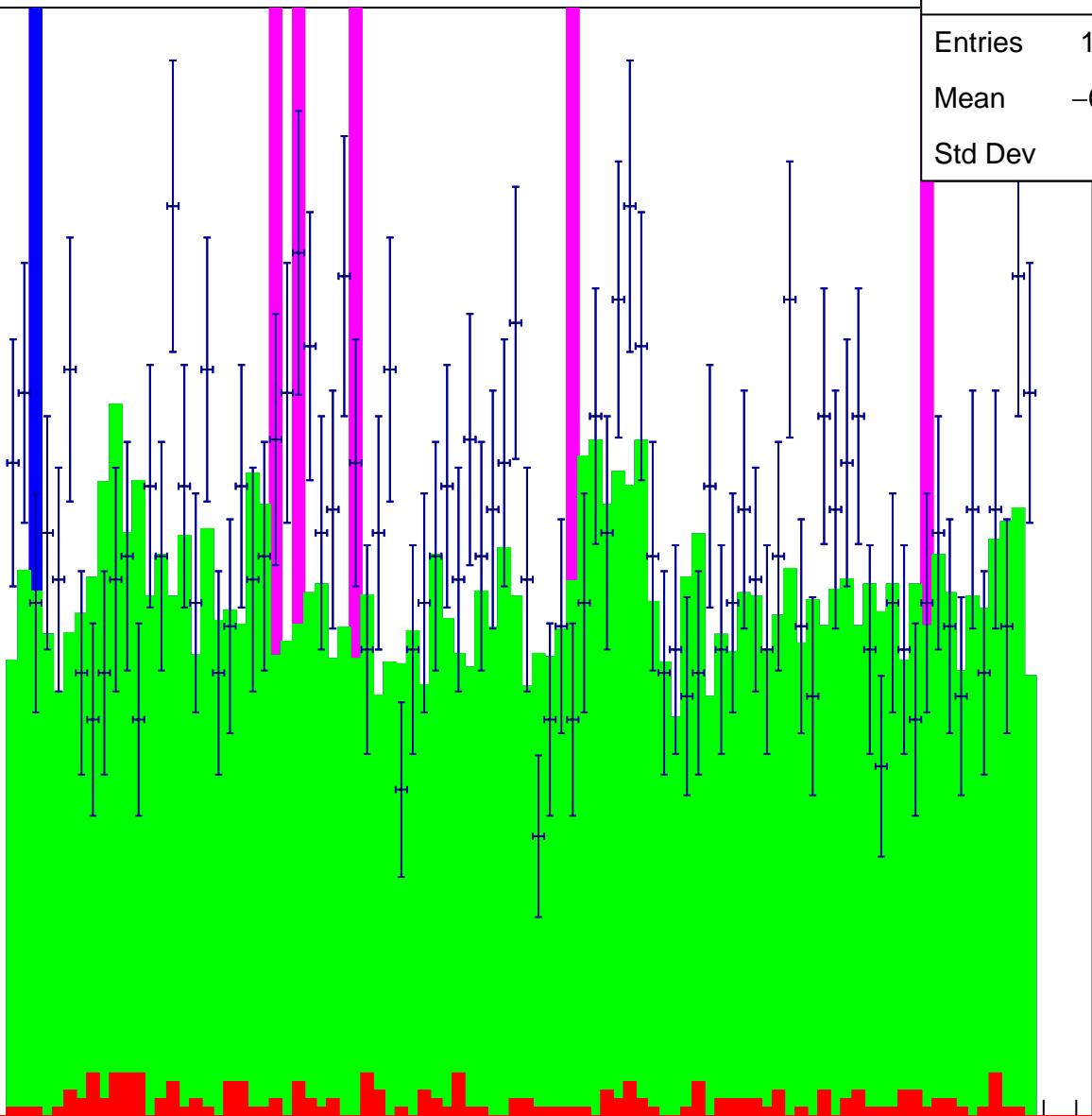
1

2

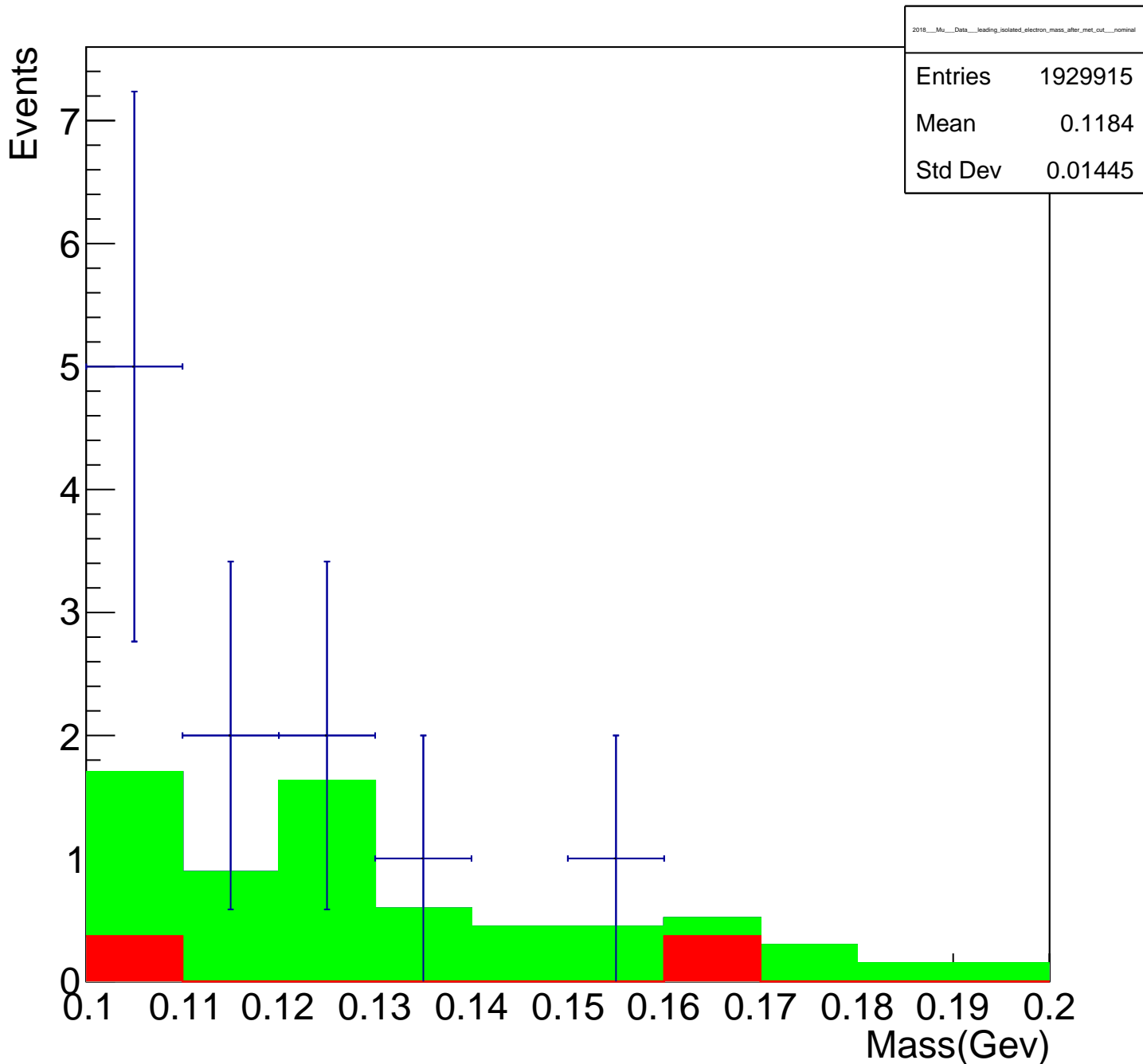
3

Phi (Radians)

2018_Mu_Data_leading_isolated_electron_phi_after_met_cut__nominal	
Entries	1929915
Mean	-0.04654
Std Dev	1.812

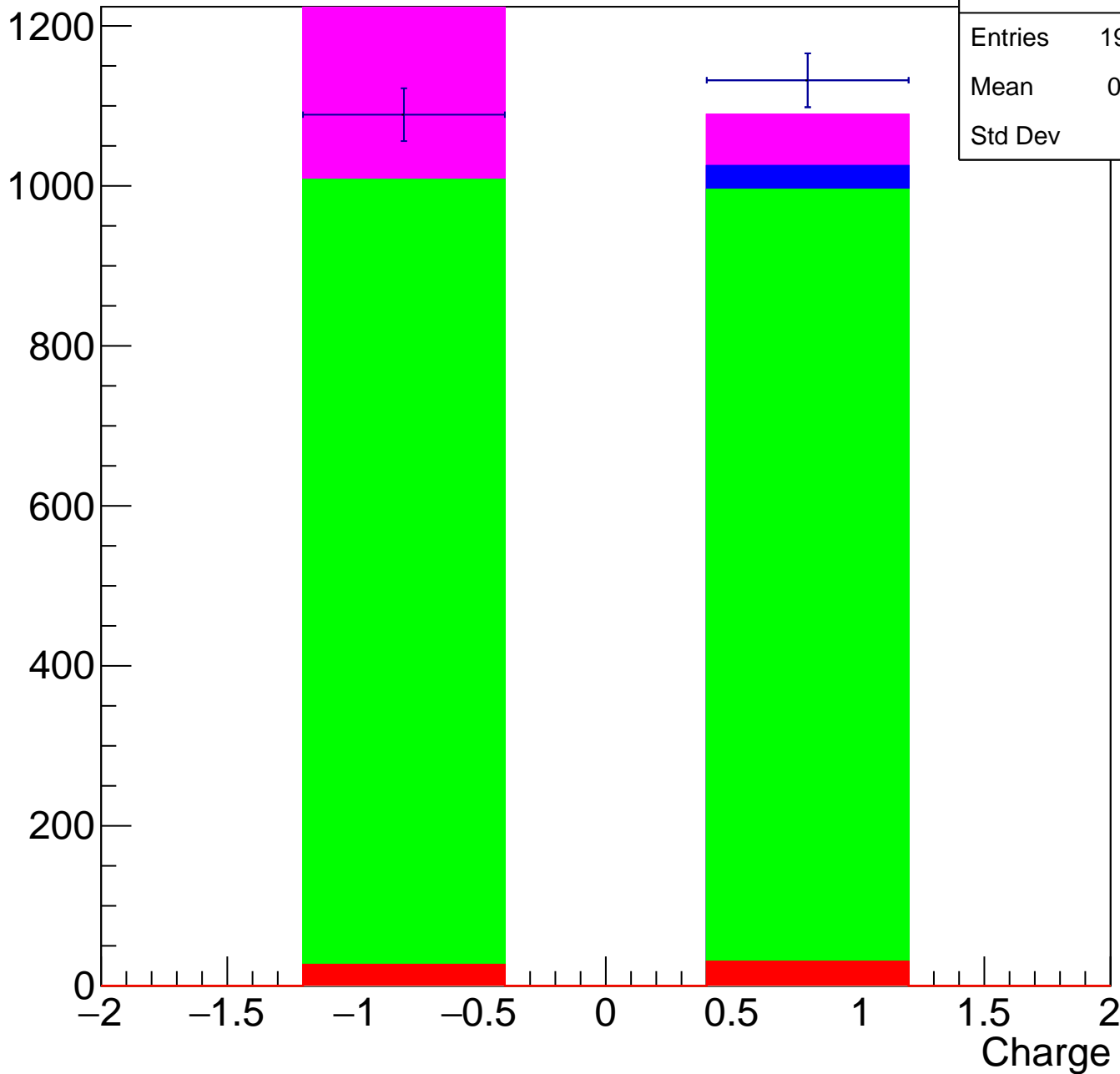


Leading Isolated Electron Mass After MET Cut



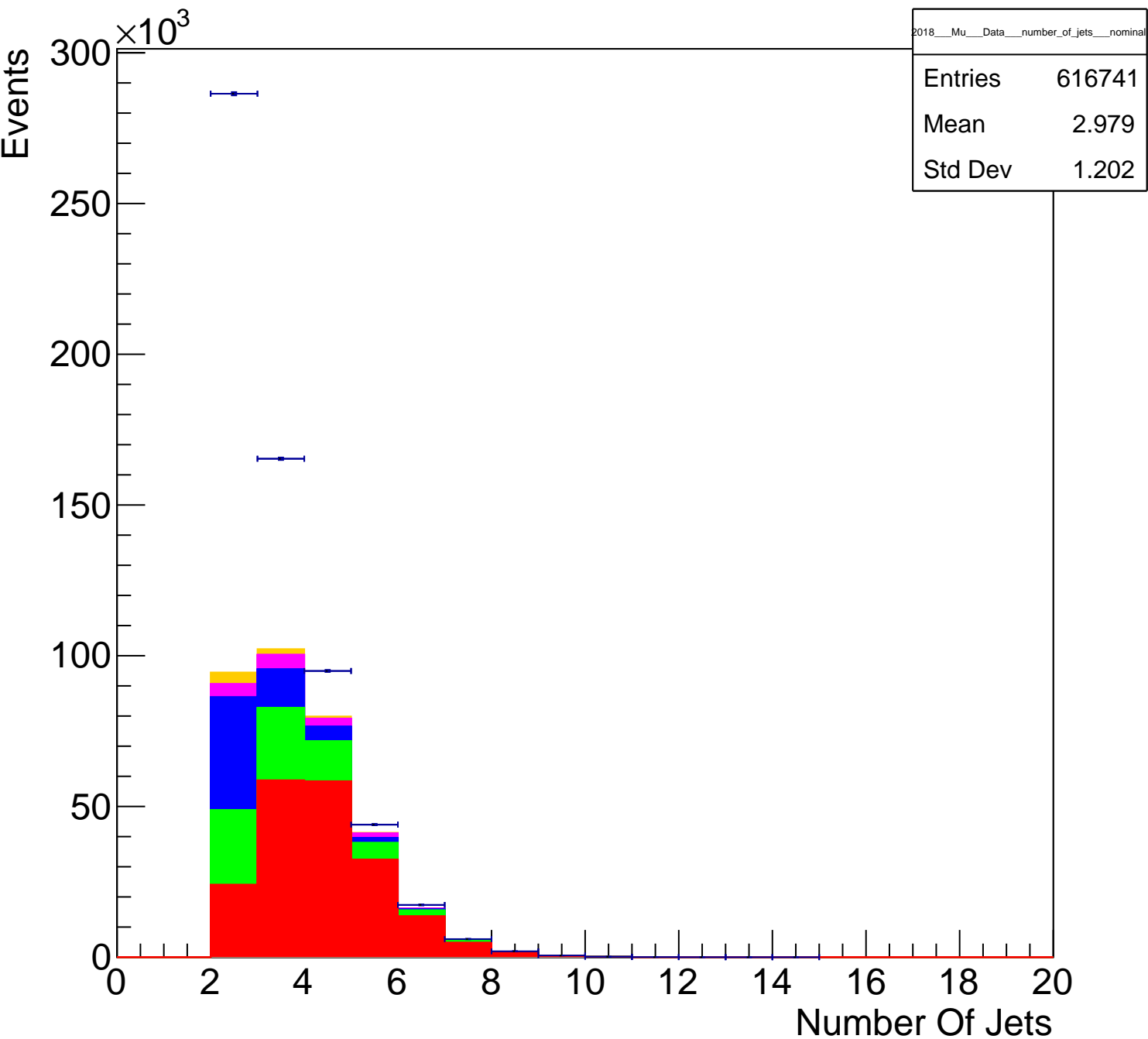
Leading Isolated Electron Charge After MET Cut

EVG113



2018_Mu_Data_leading_isolated_electron_charge_after_met_cut_nominal	
Entries	1929915
Mean	0.01936
Std Dev	0.9998

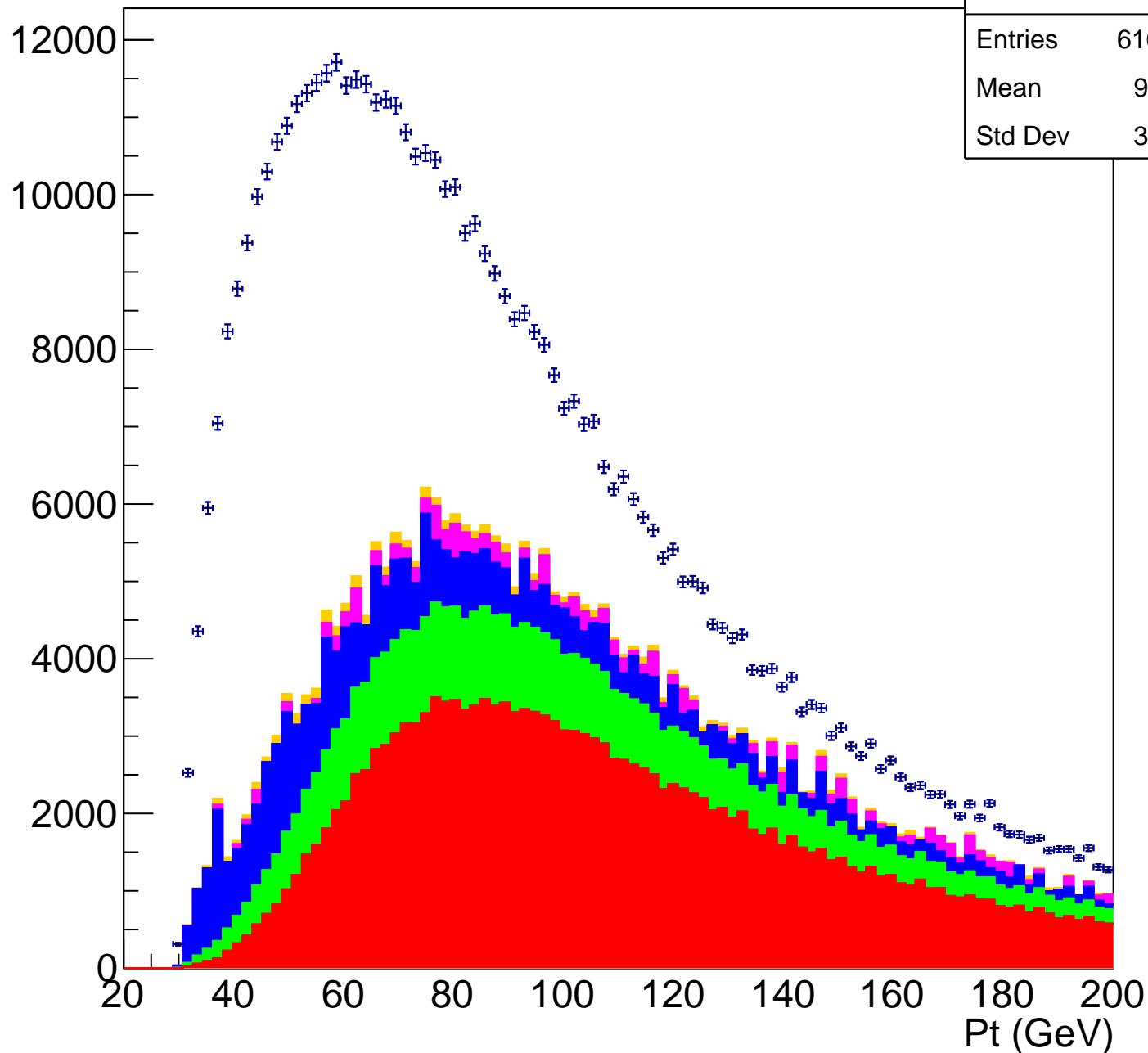
Number of Jets



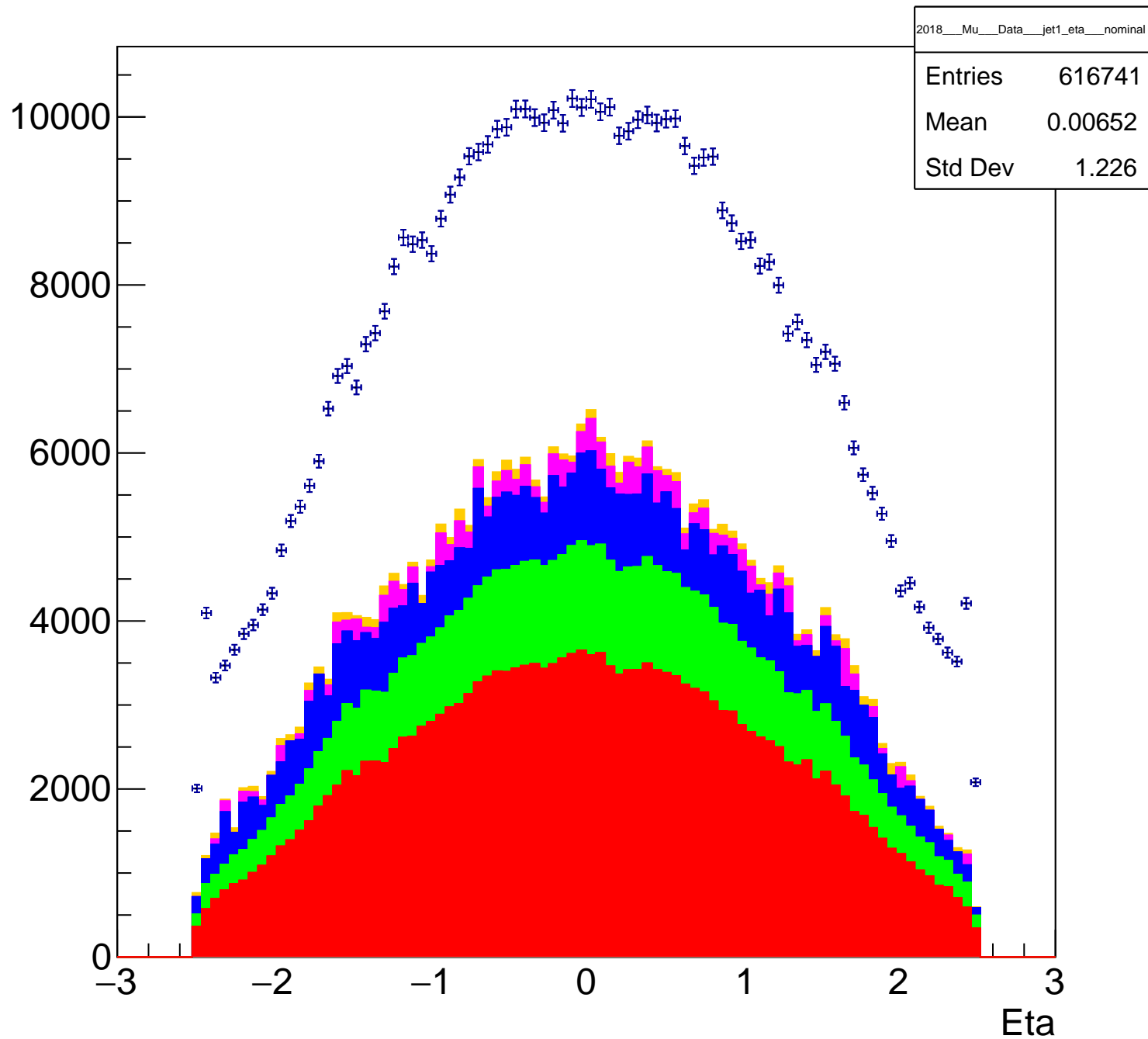
Jet Transverse Momentum for Leading Jet

2018__Mu__Data__jet1_pt__nominal

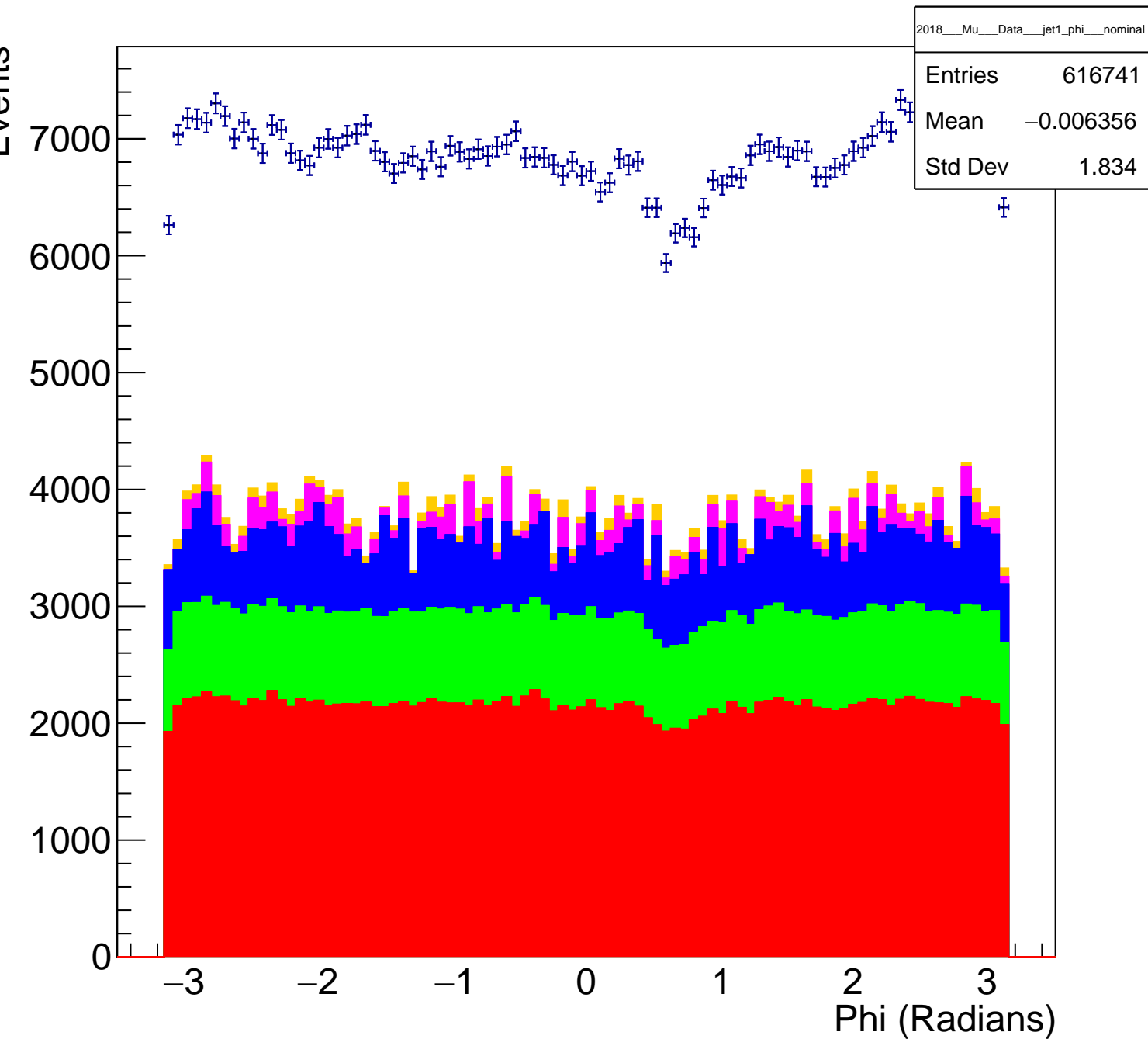
Entries	616741
Mean	90.32
Std Dev	39.69



Jet Pseudorapidity for Leading Jet



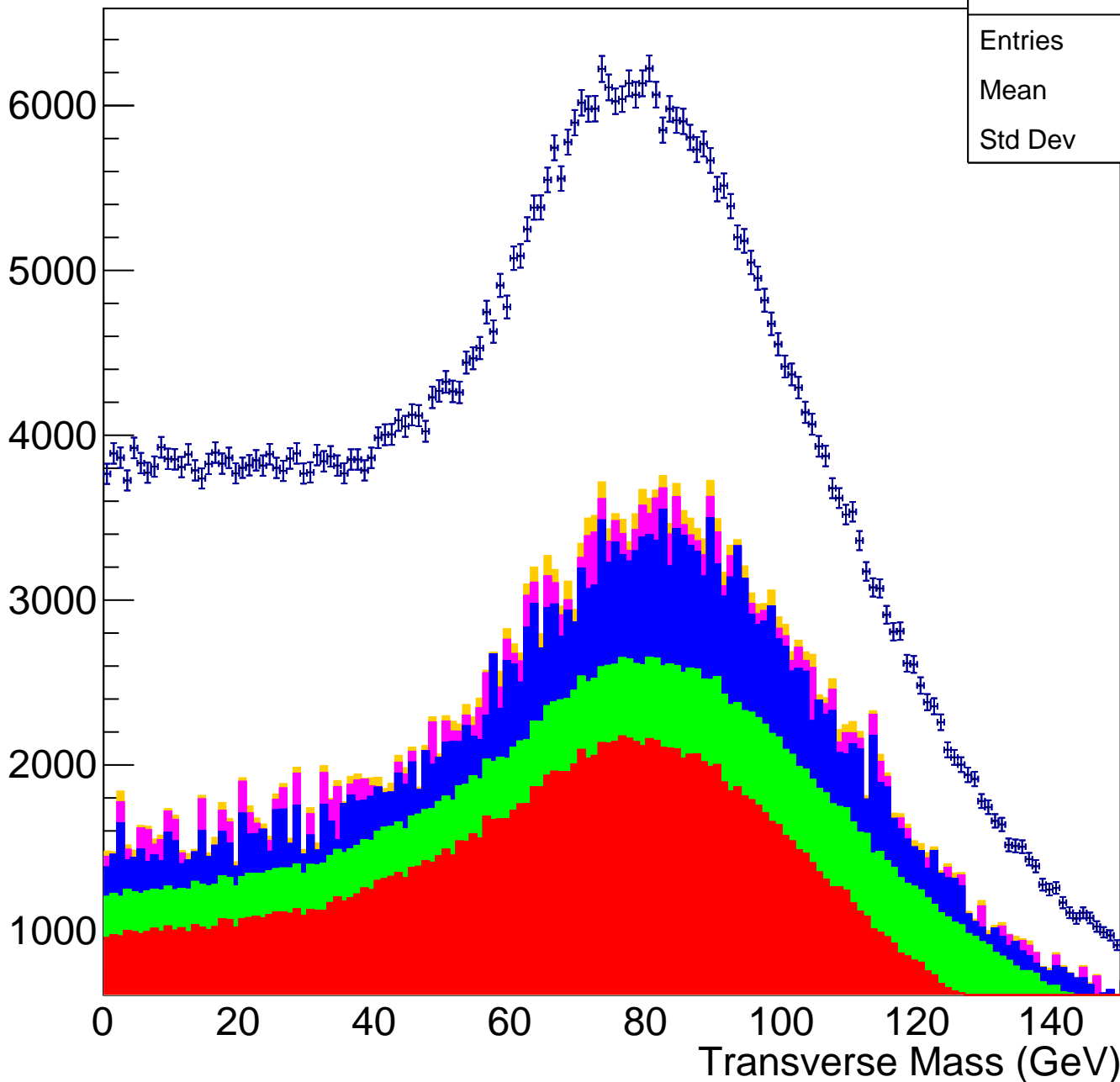
Jet Angle for Leading Jet



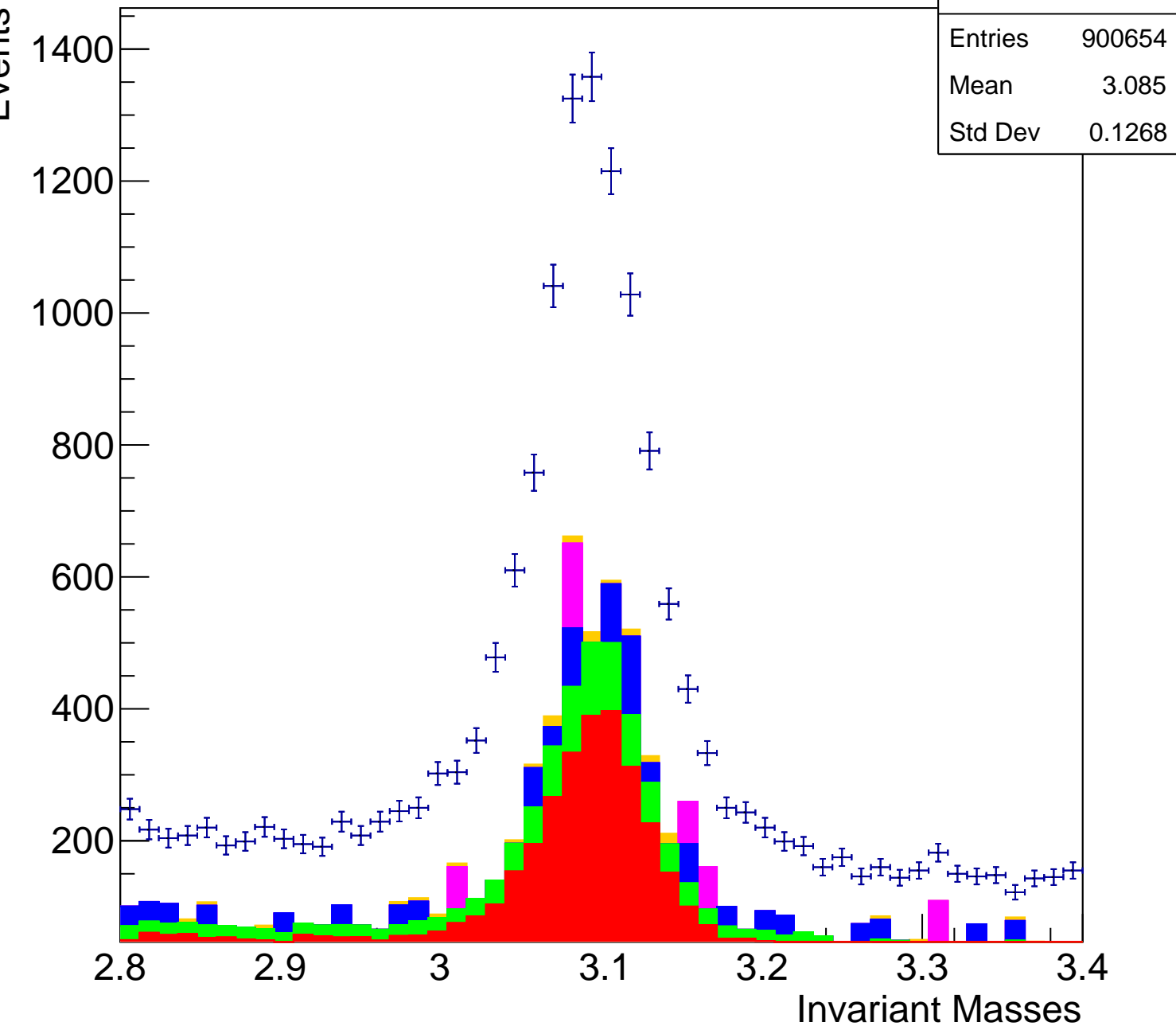
Transverse Mass

Events

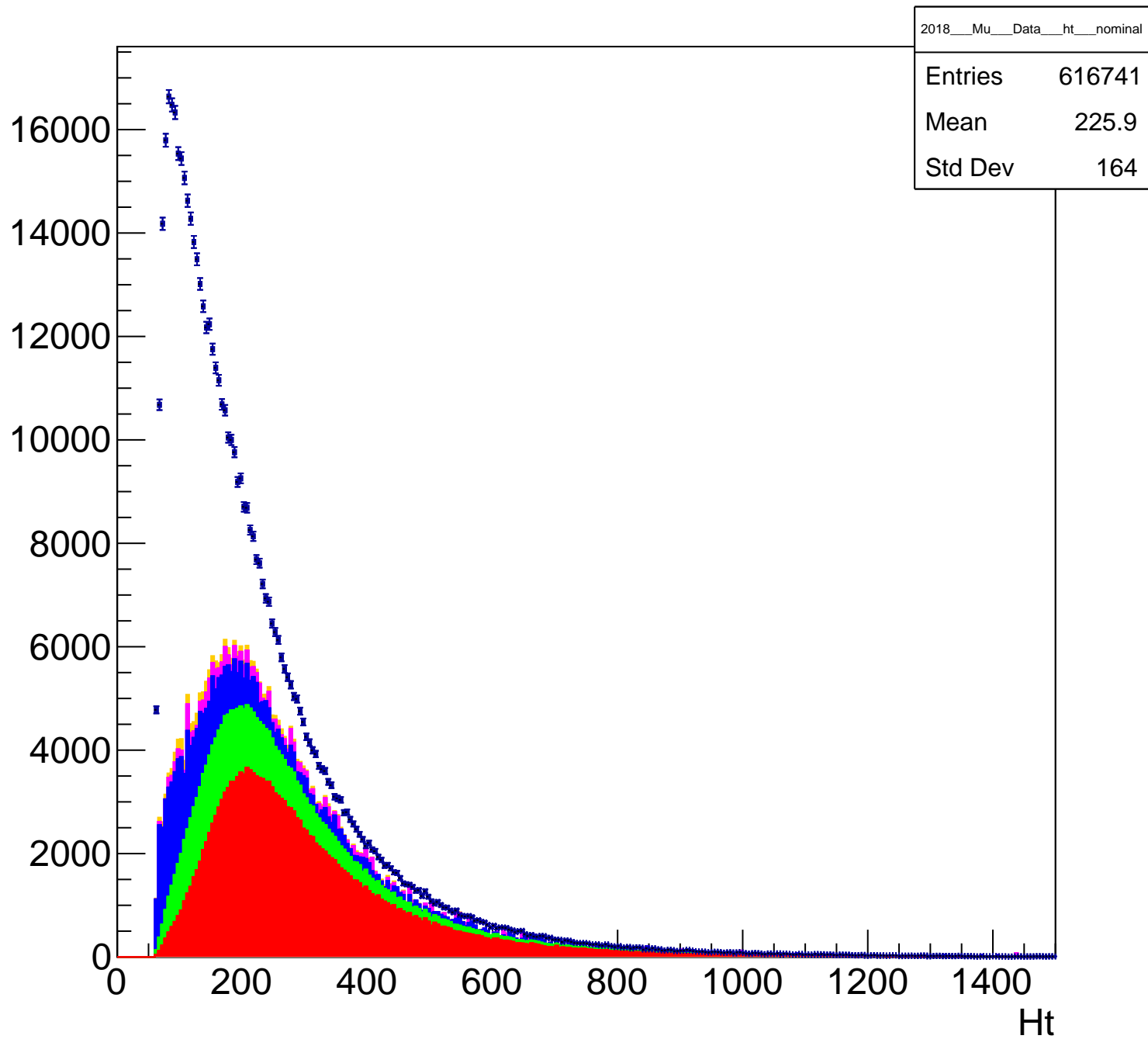
2018__Mu__Data__transverse_mass__nominal	
Entries	616741
Mean	67.38
Std Dev	36.62



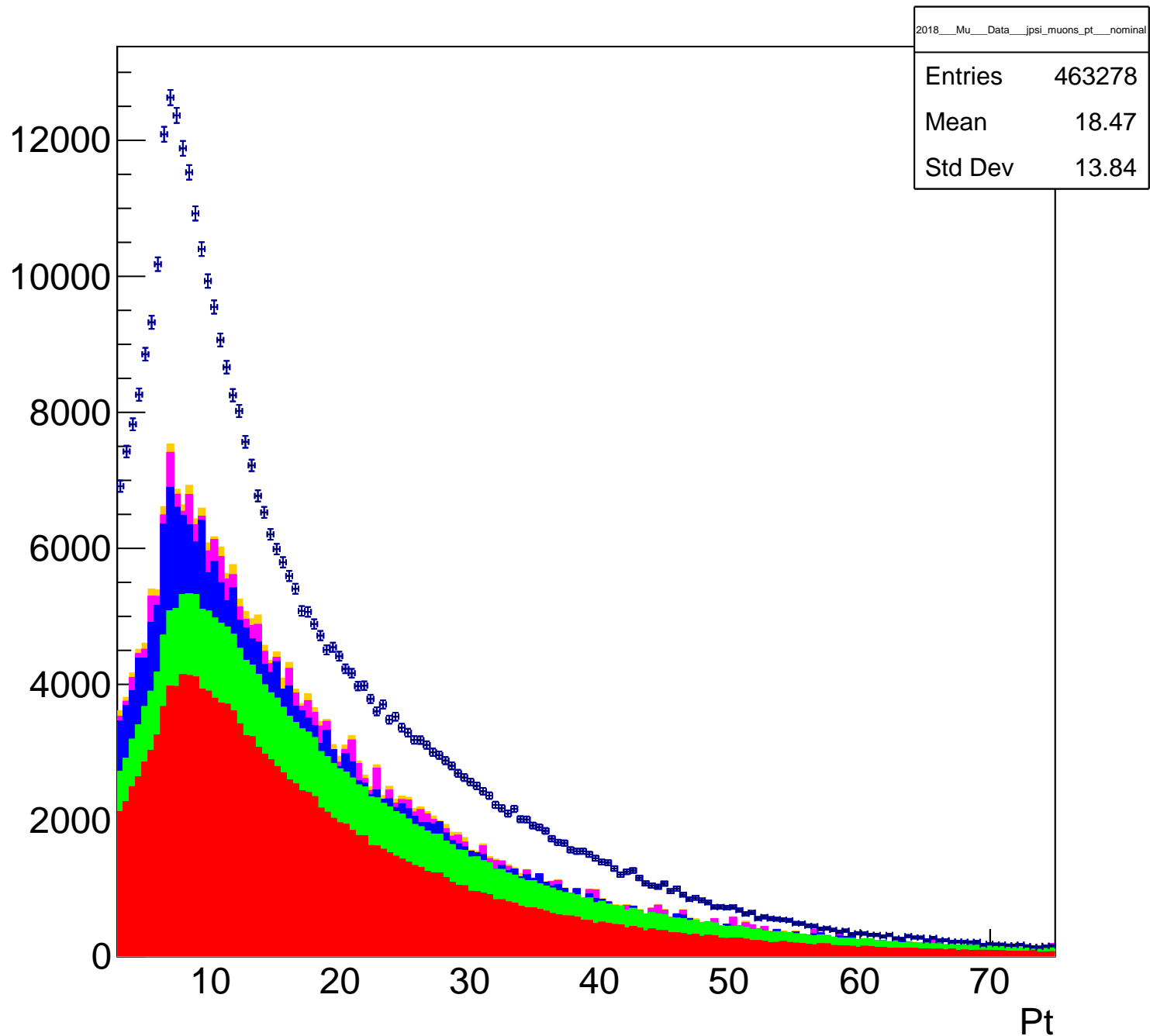
Invariant Masses for J/Psi Candidate Muons (Oppositely Charged)



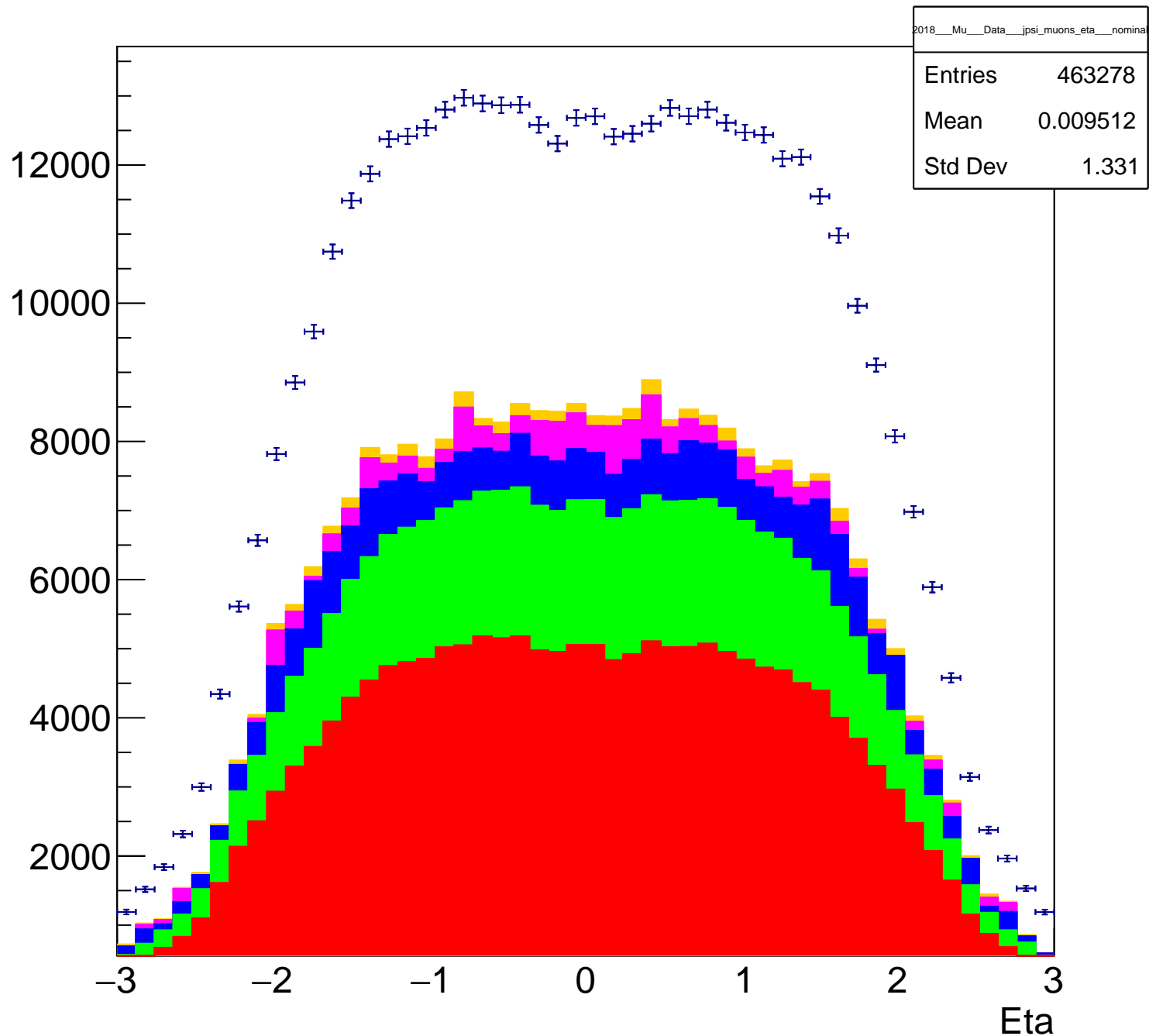
Ht



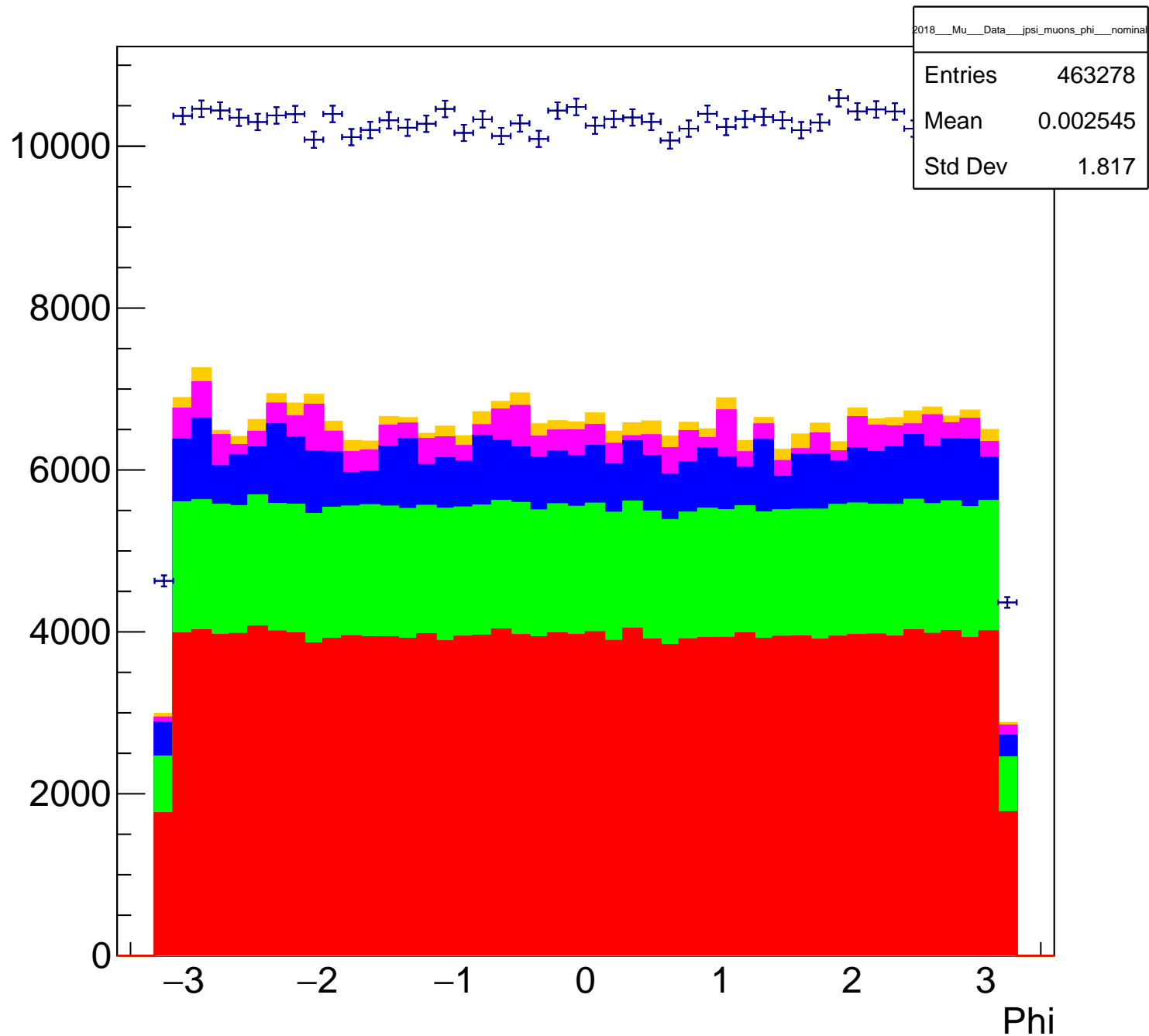
Transverse Momentum for JPsi Muons



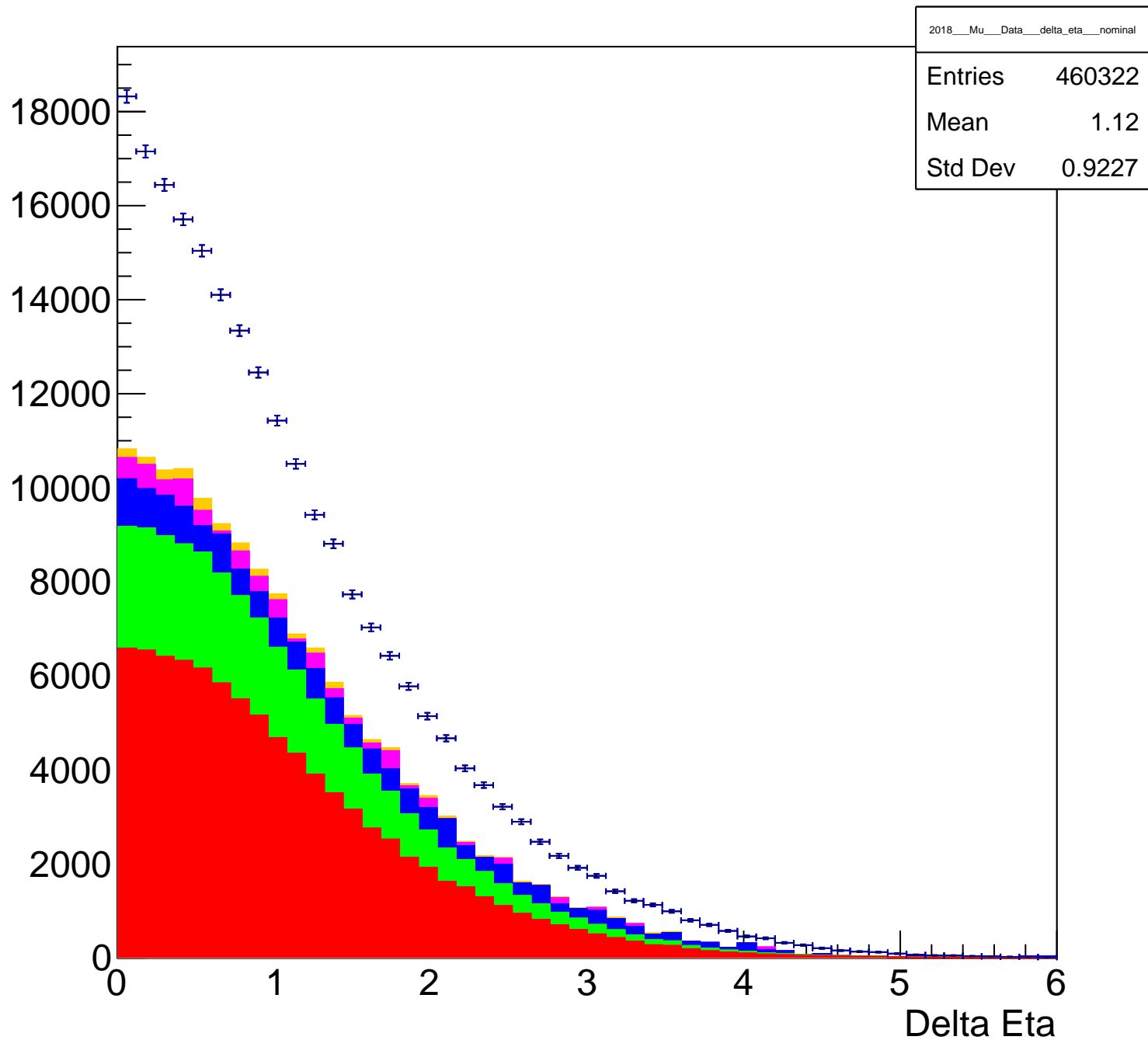
Pseudorapidity for JPsi Muons



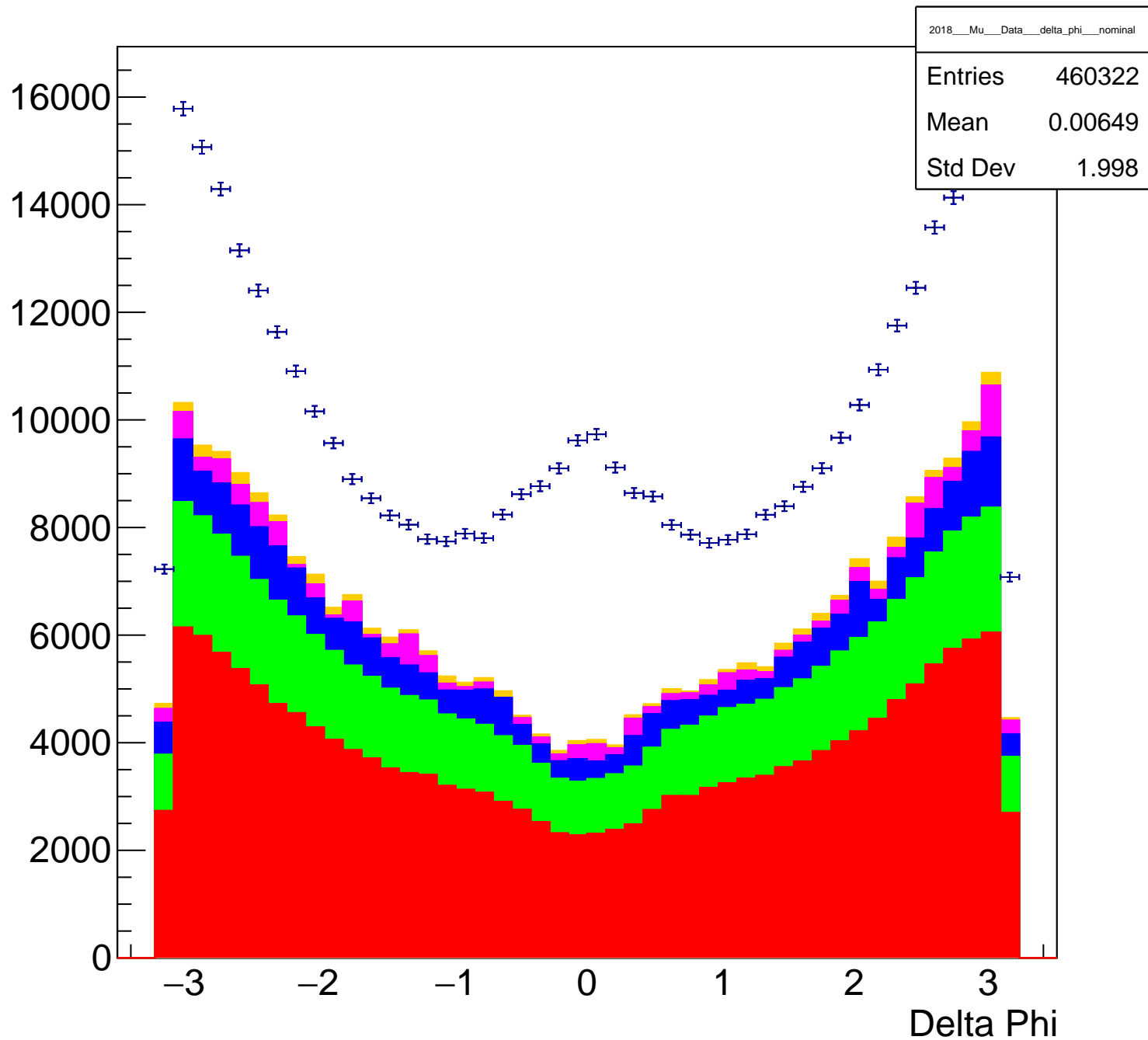
Angle for JPsi Muons



Delta Eta for Isolated Muon - JPsi Muons



Delta Phi for Isolated Muon - JPsi Muons



Delta R for Isolated and JPsi Muons

