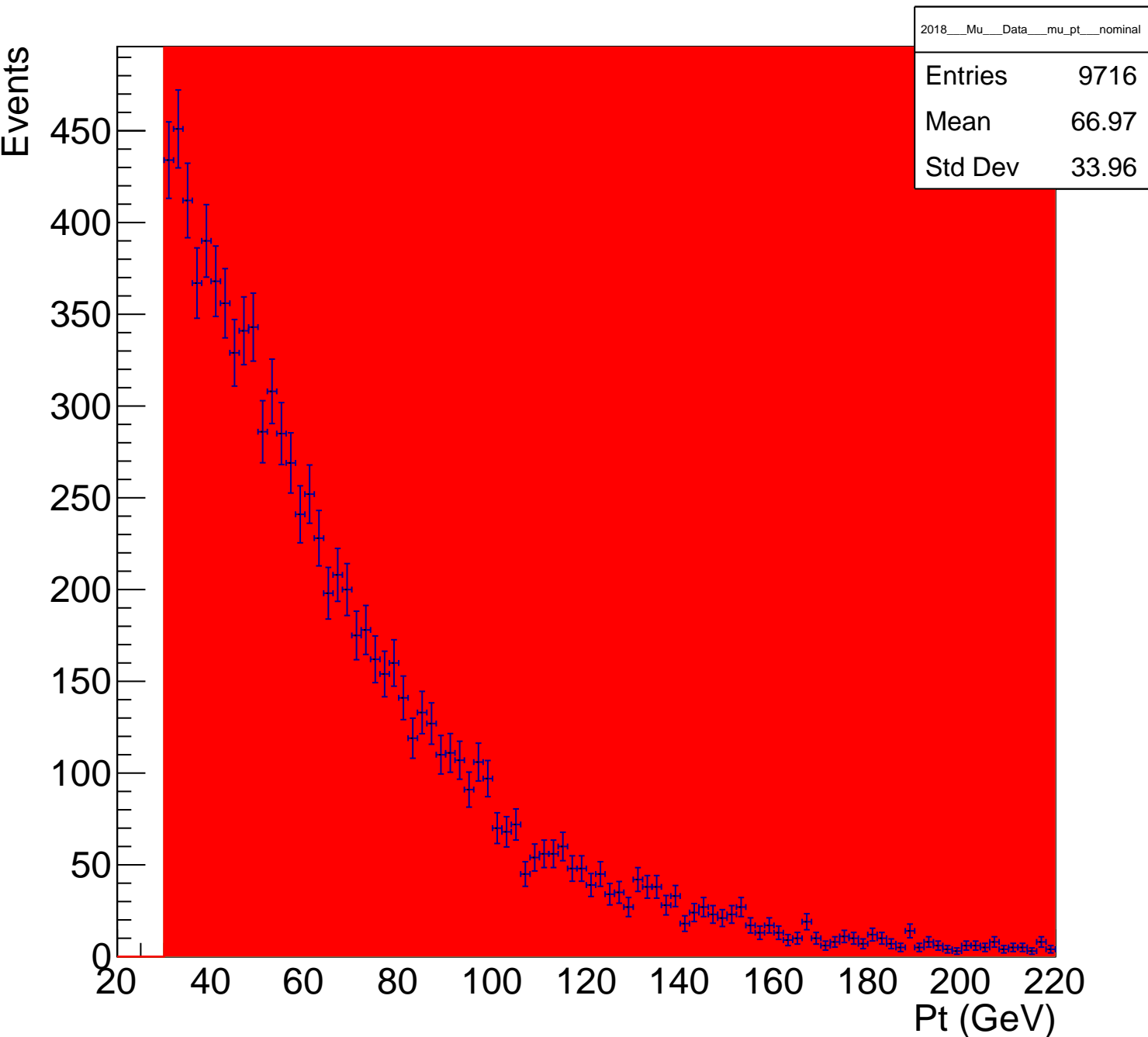
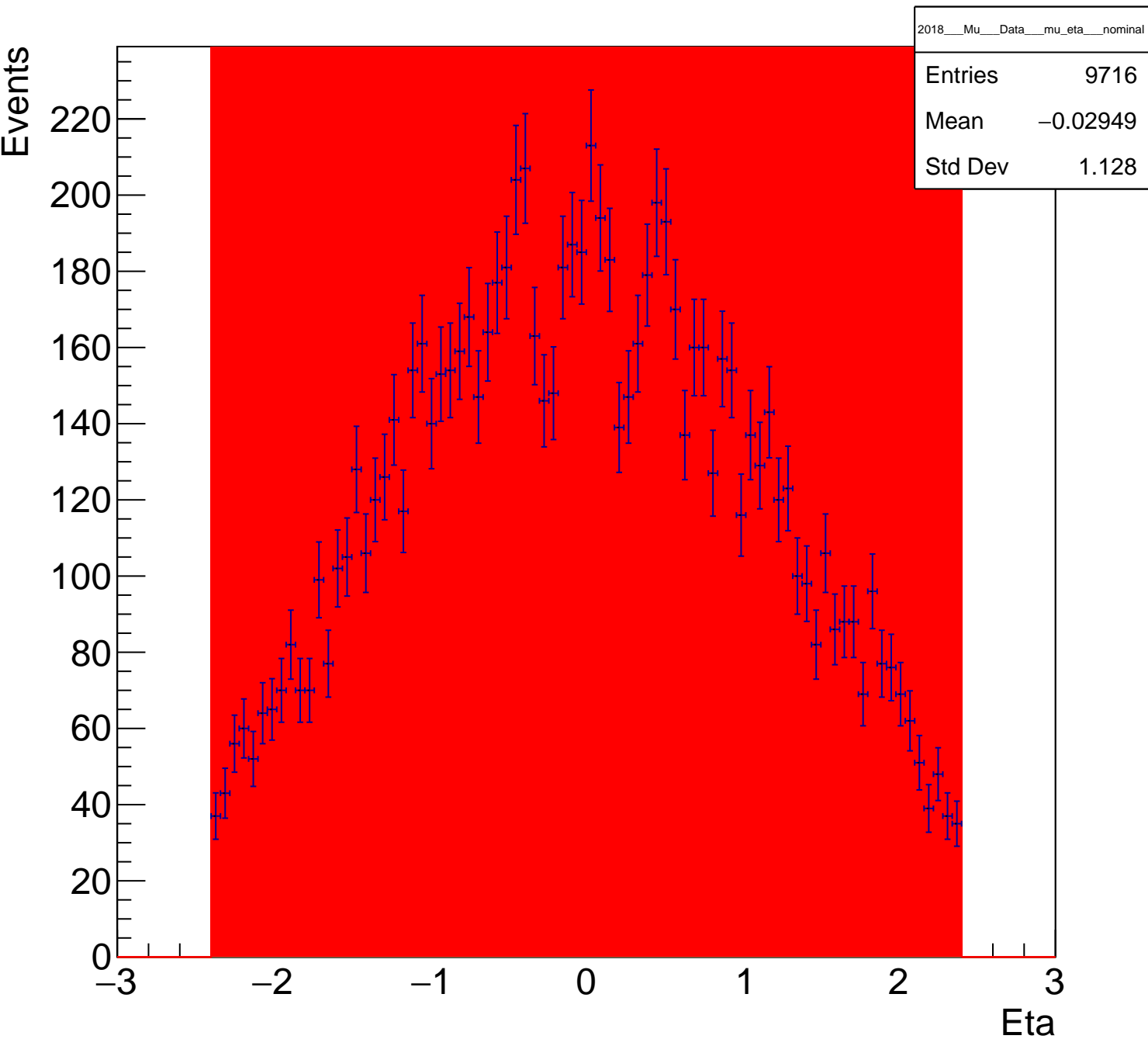


Muon Transverse Momentum

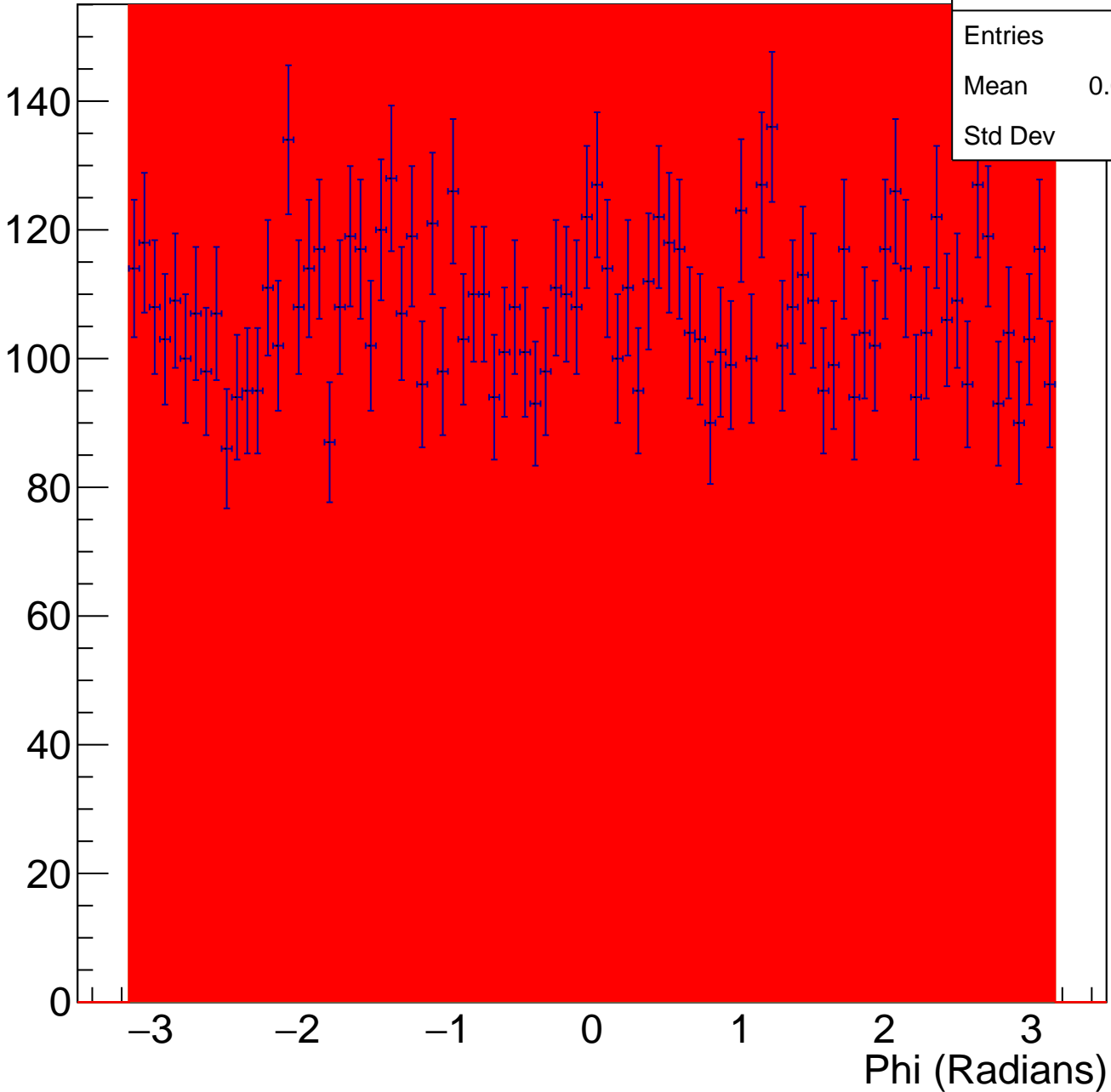


Muon Pseudorapidity



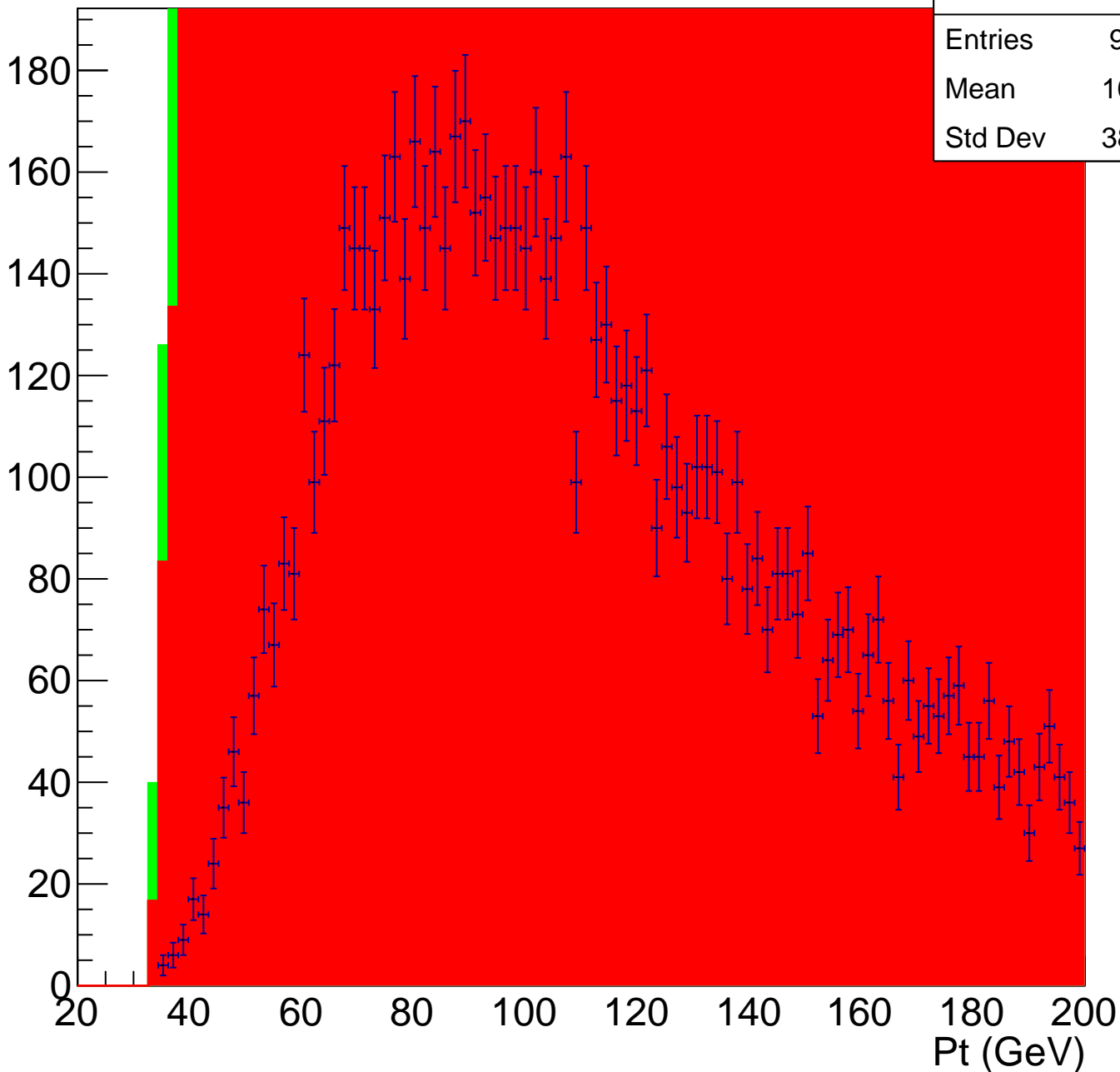
Muon Angle

Events



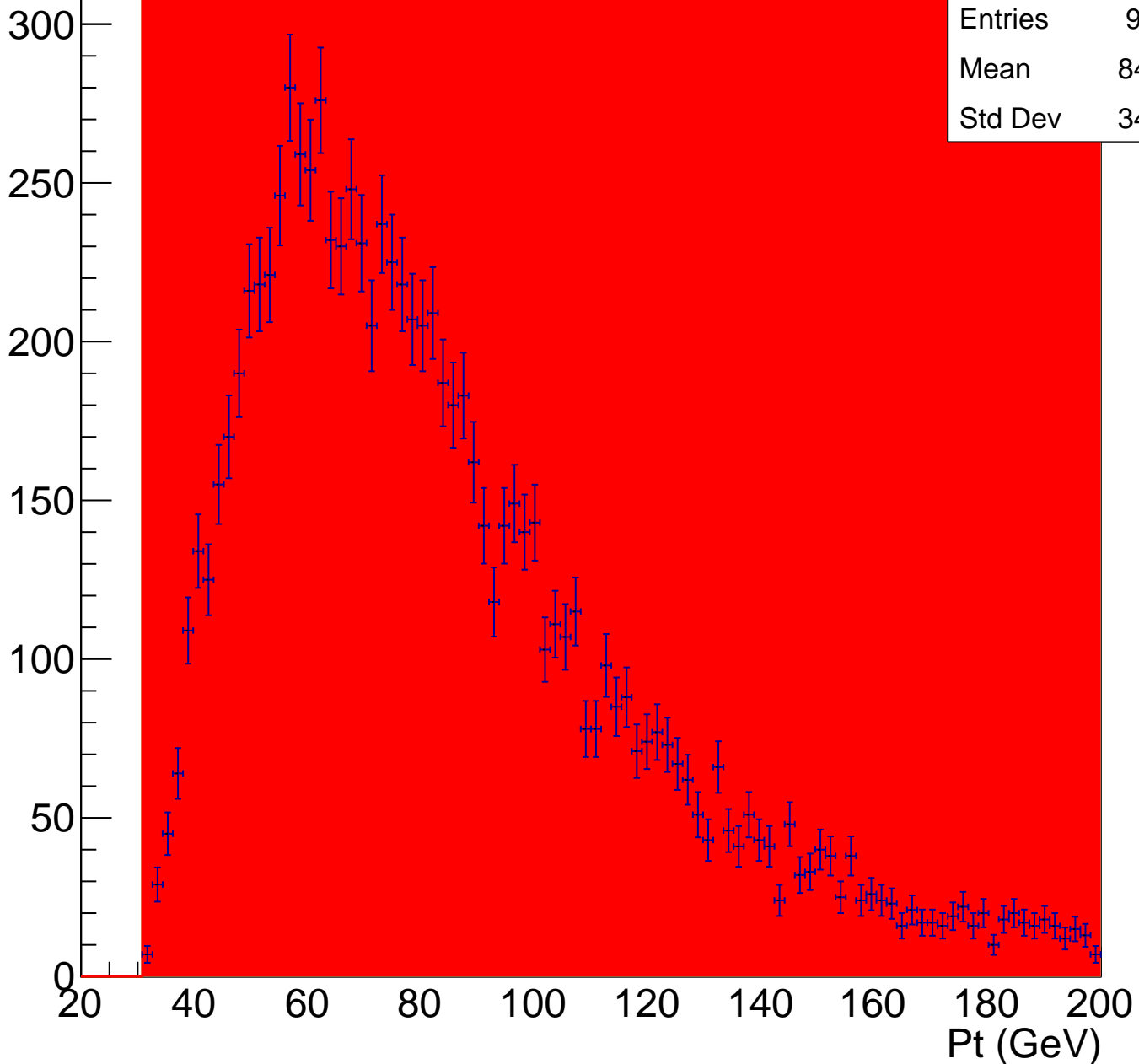
Jet Transverse Momentum for Leading Jet

Events



Jet Transverse Momentum for Subleading Jet

Events



Jet Pseudorapidity for Leading Jet

Events

200
180
160
140
120
100
80
60
40
20
0

-3

-2

-1

0

1

2

3

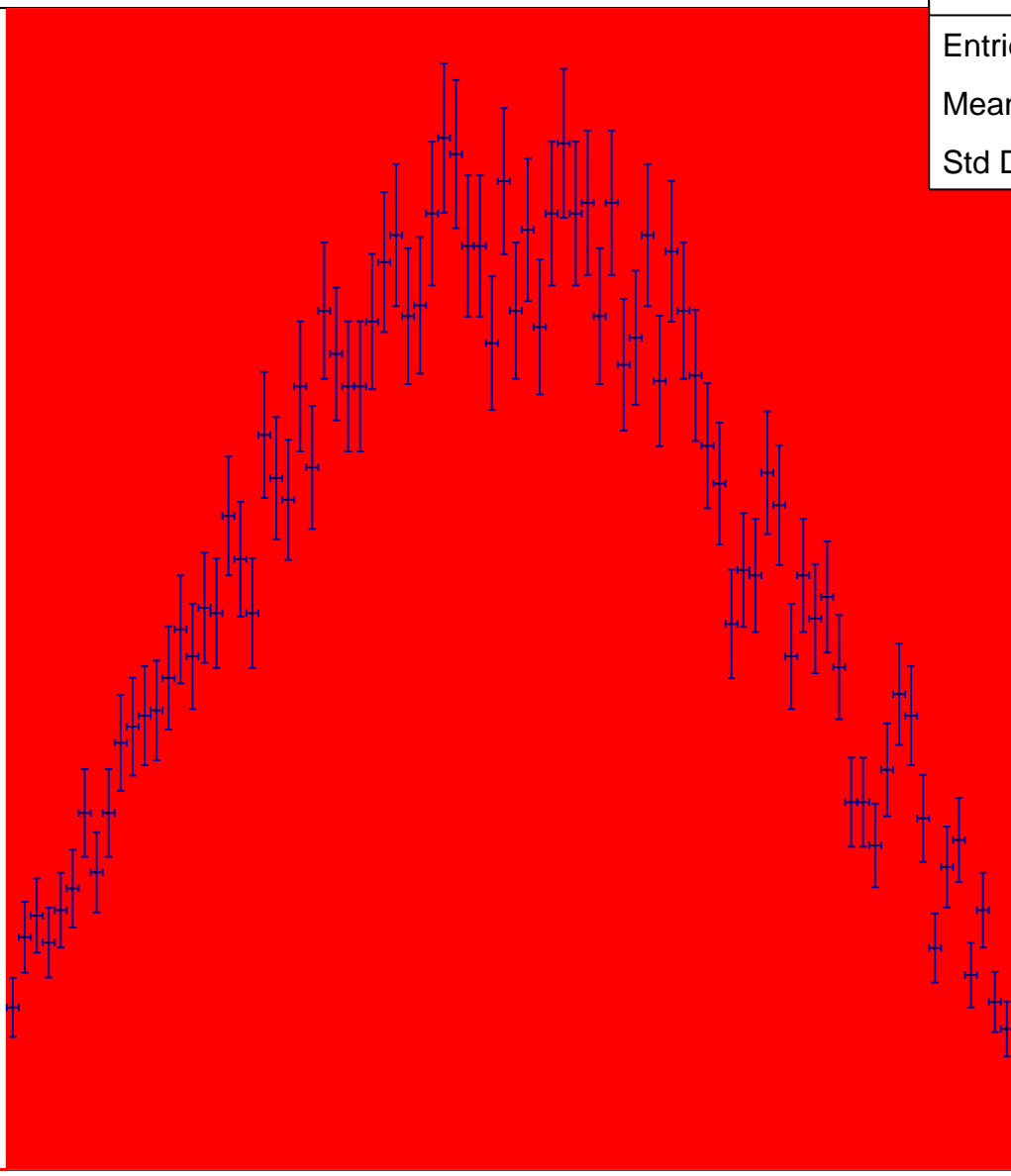
Eta

2018__Mu__Data__jet1_eta__nominal

Entries 9716

Mean -0.01821

Std Dev 1.171



Jet Pseudorapidity for Subleading Jet

Events

200
180
160
140
120
100
80
60
40
20
0

-3

-2

-1

0

1

2

3

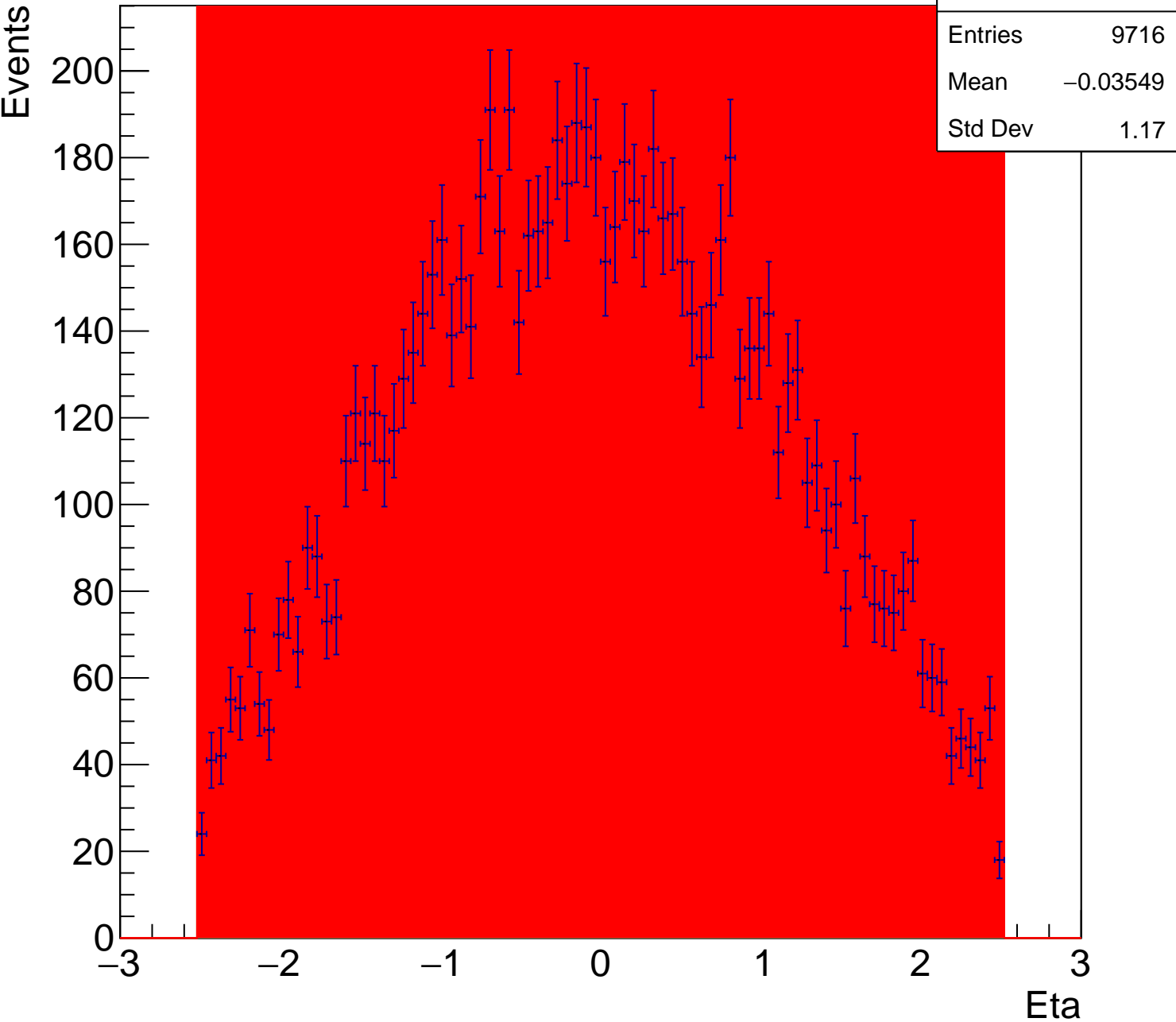
Eta

2018__Mu__Data__jet2_eta__nominal

Entries 9716

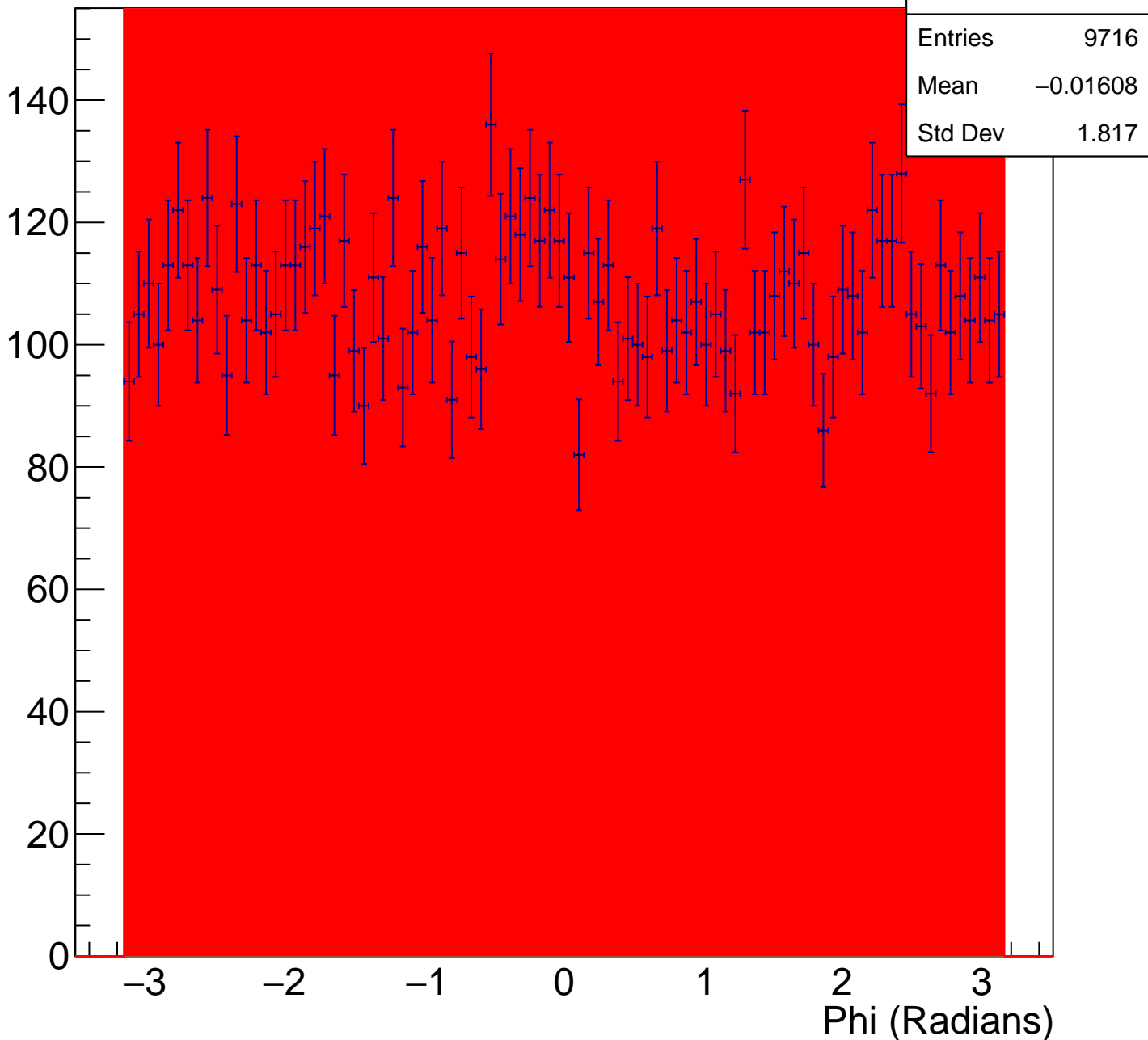
Mean -0.03549

Std Dev 1.17



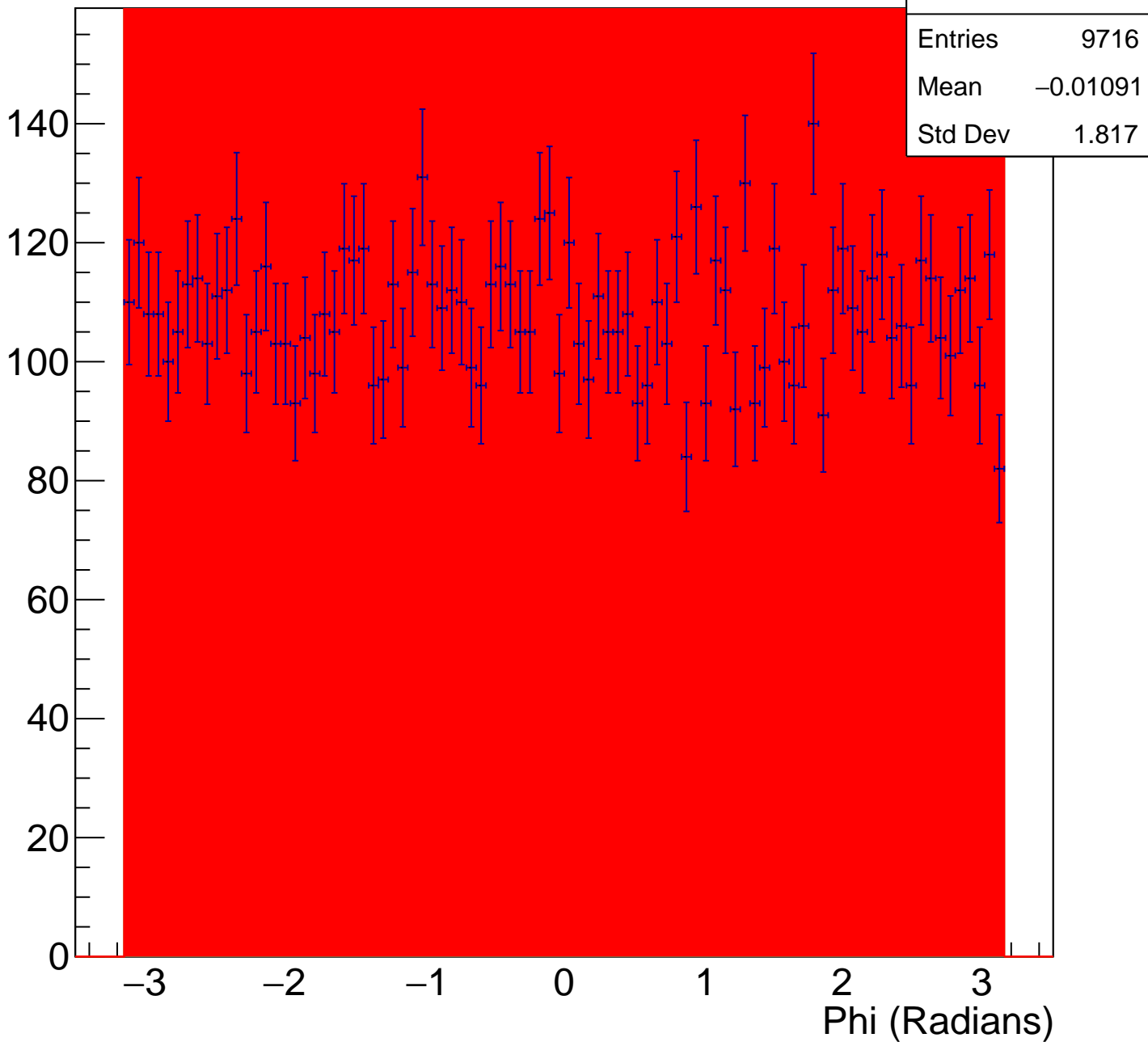
Jet Angle for Leading Jet

Events

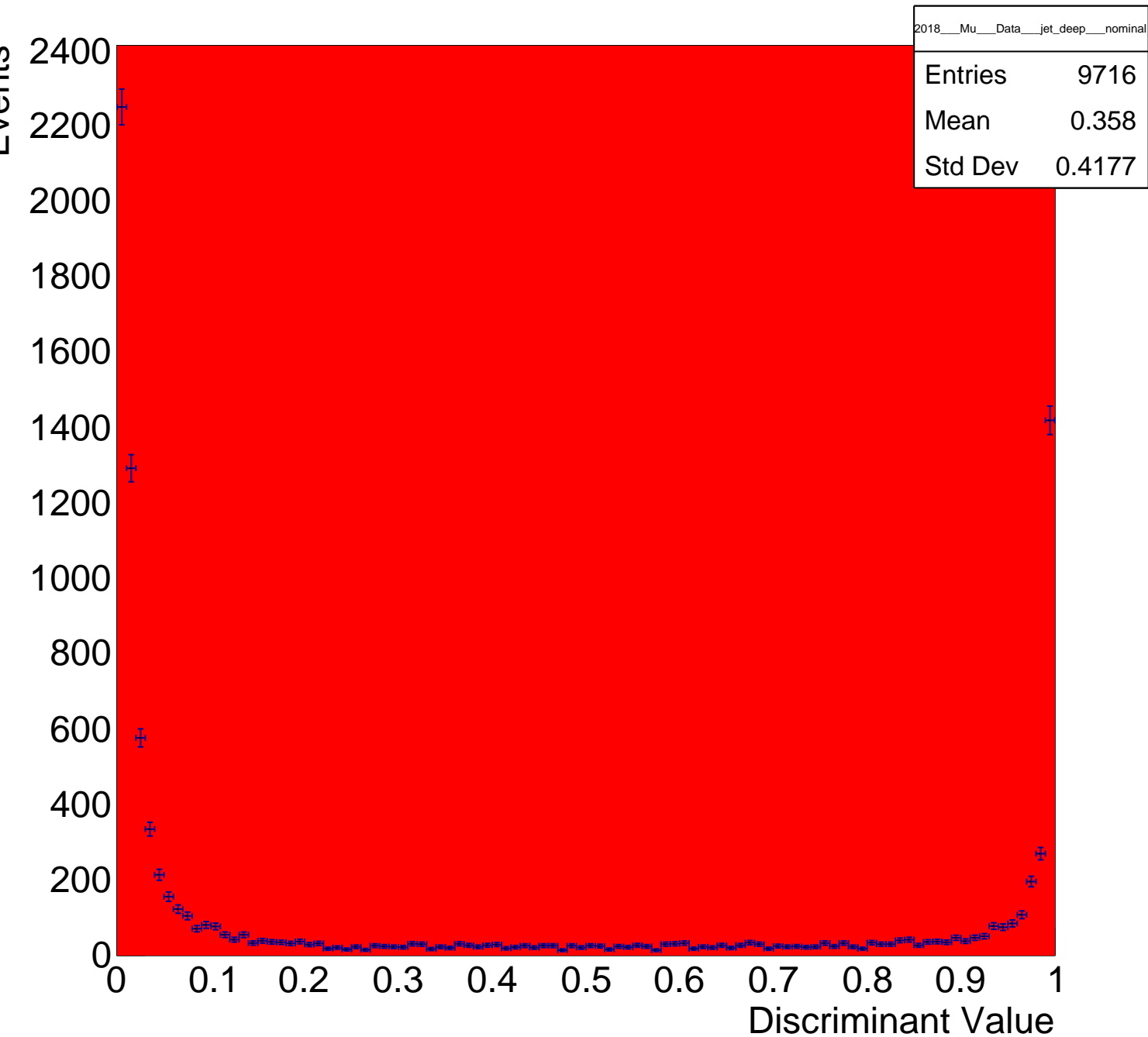


Jet Angle for Subleading Jet

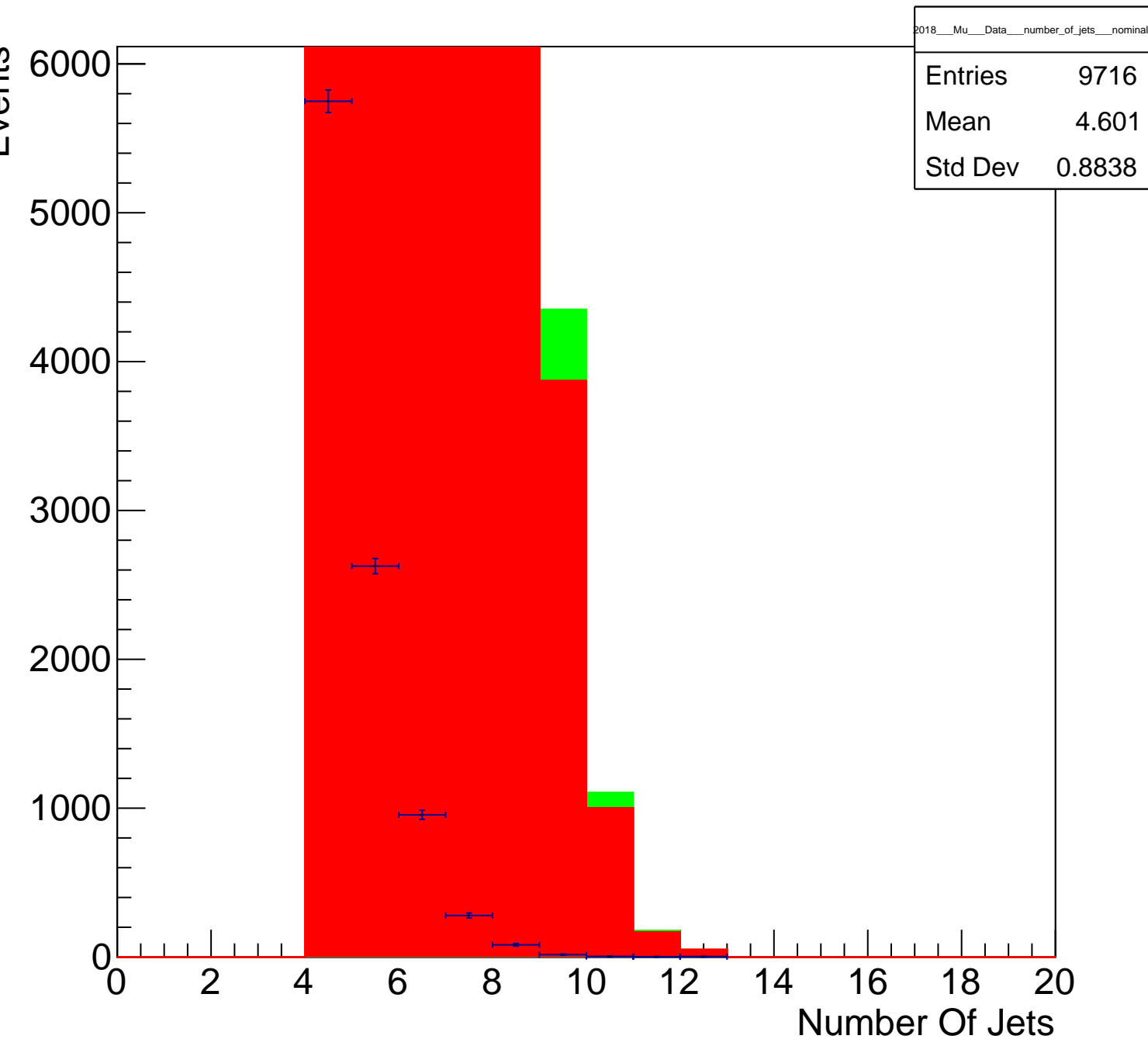
Events



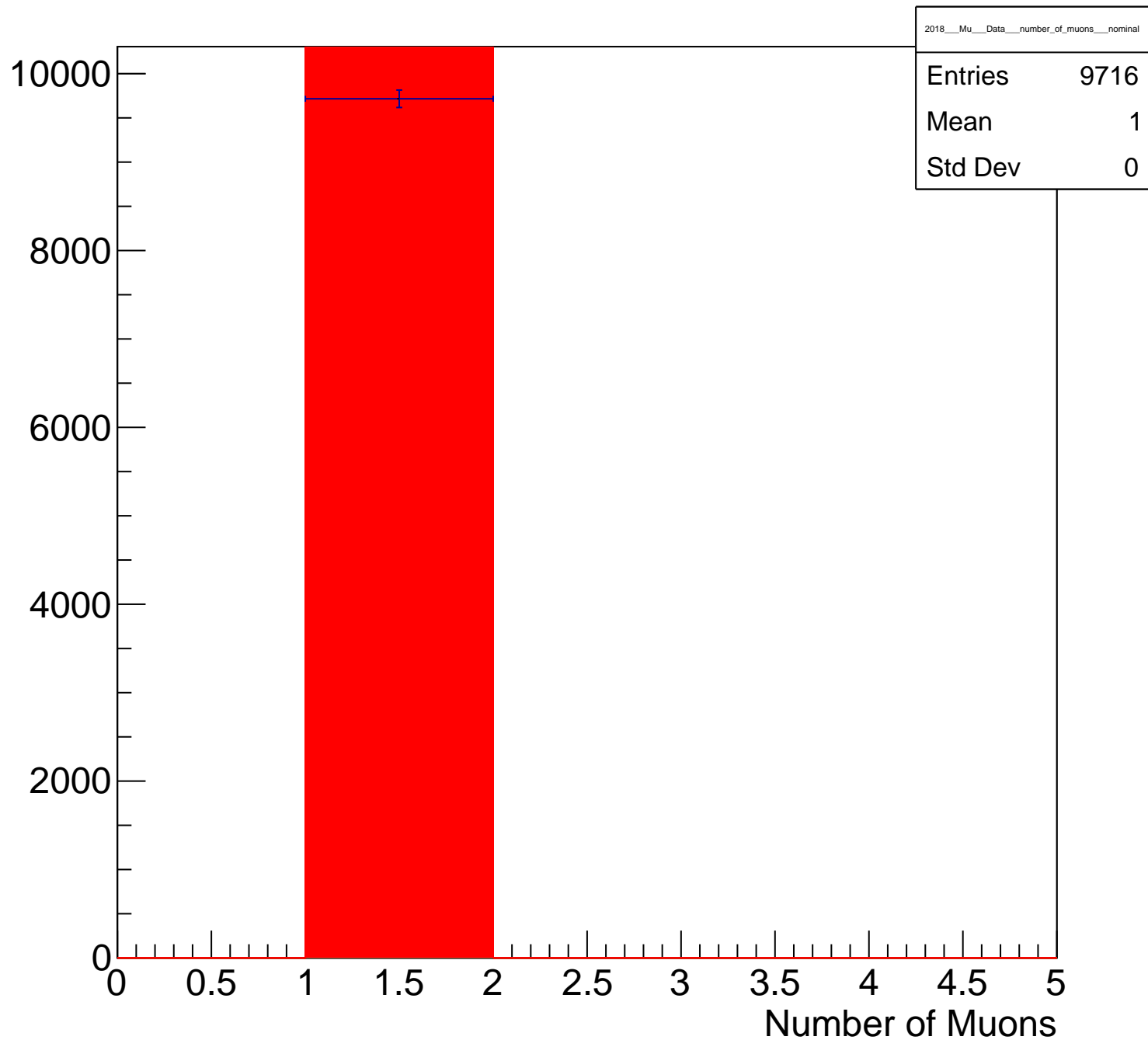
Deep Jet B Discriminator



Number of Jets



Number of Muons



Transverse Mass

Events

120

100

80

60

40

20

0

0

20

40

60

80

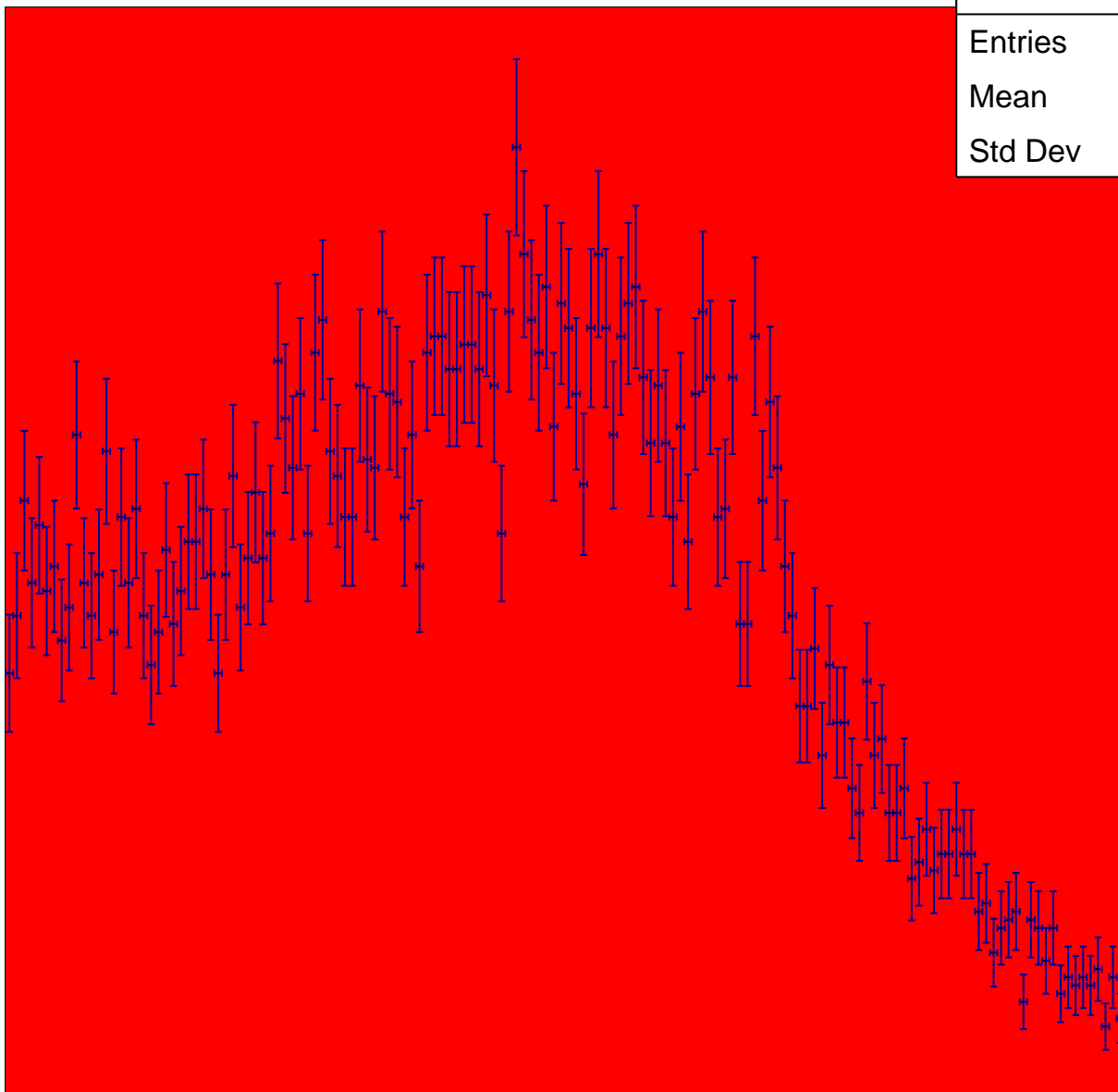
100

120

140

Transverse Mass (GeV)

2018__Mu__Data__transverse_mass__nominal	
Entries	9716
Mean	64.57
Std Dev	35.68



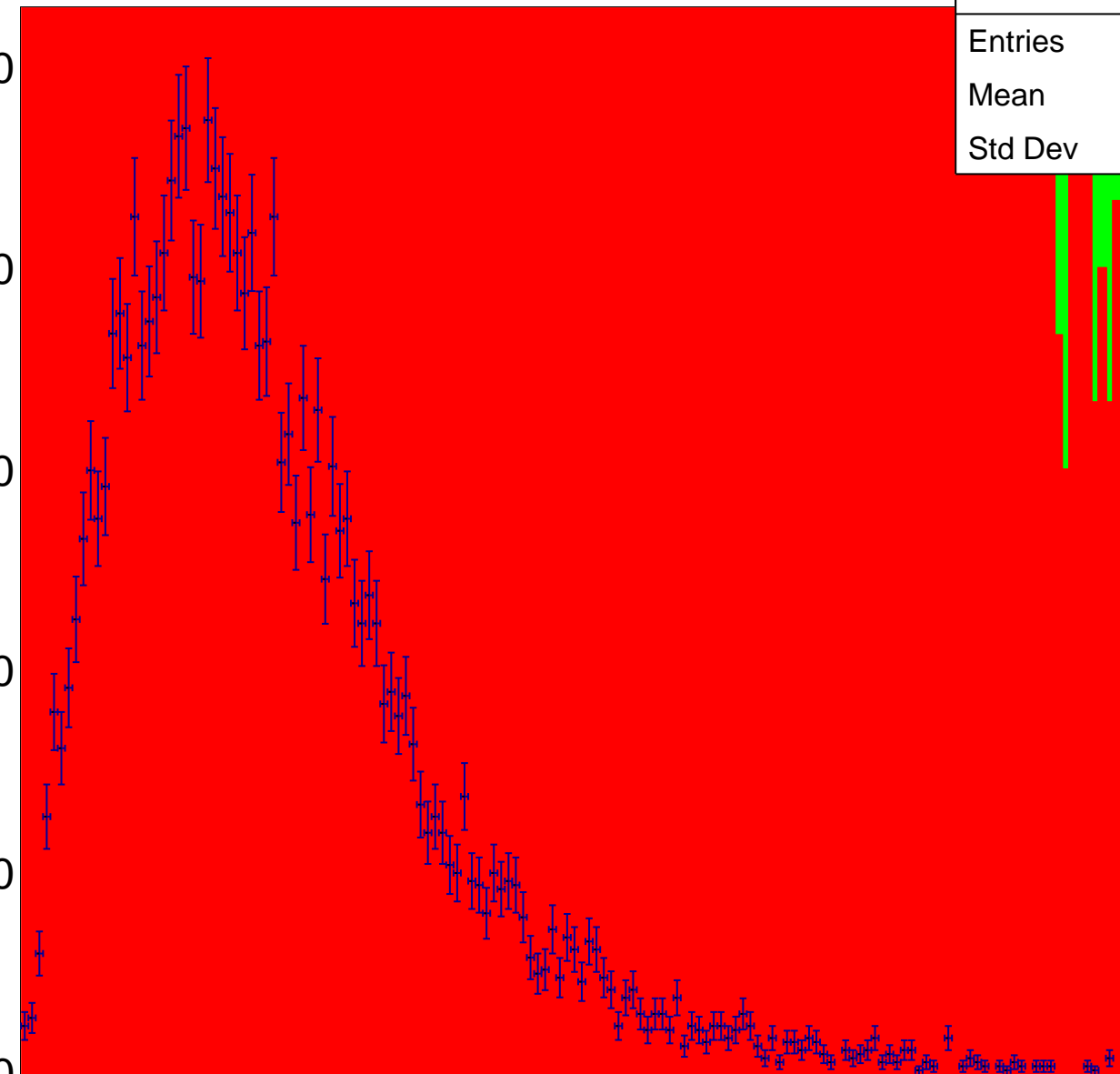
Missing Transverse Momentum

Events

250
200
150
100
50
0

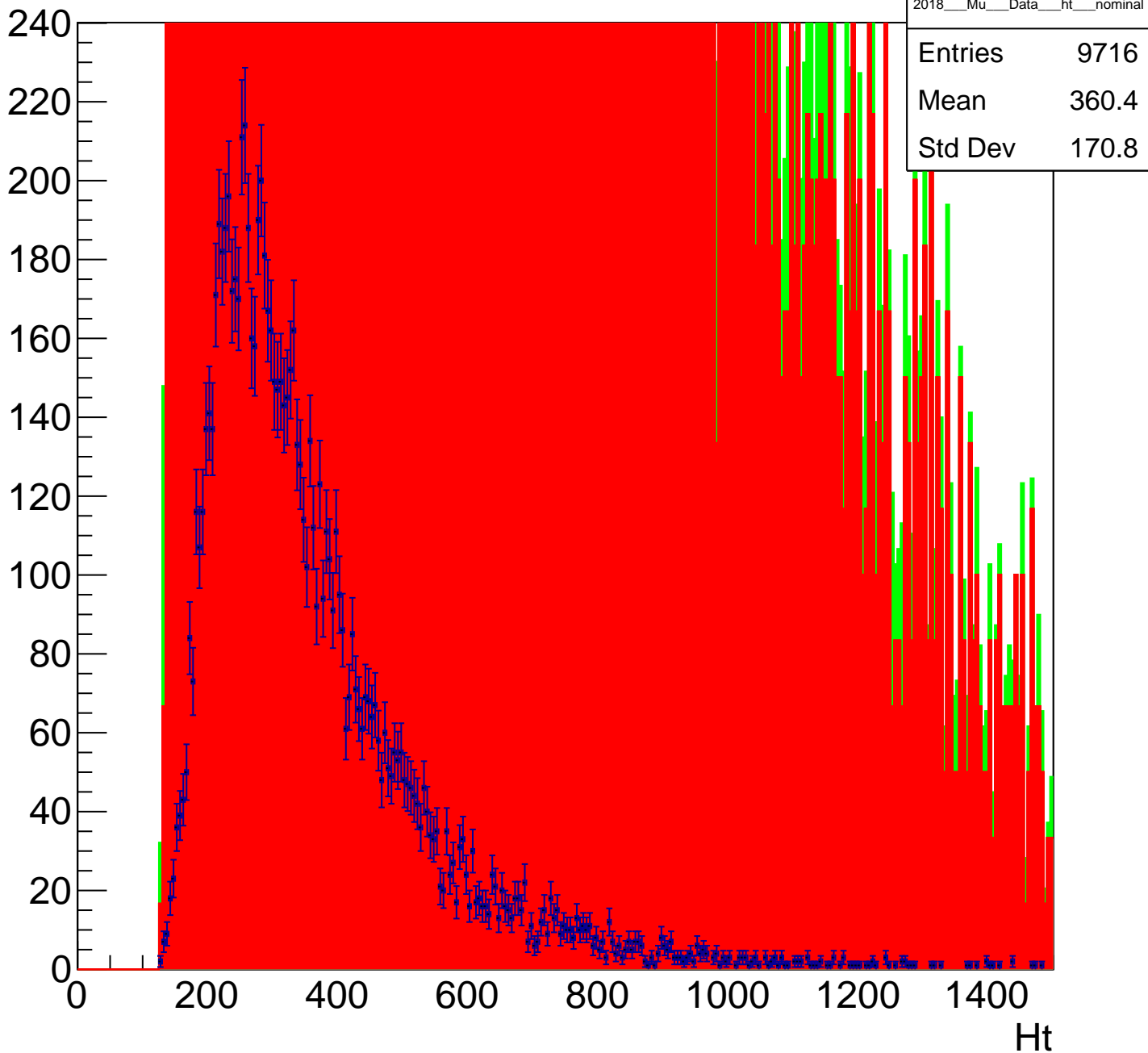
2018_Mu_Data_missing_transverse_momentum_nominal	
Entries	9716
Mean	69.79
Std Dev	44.67

Missing Transverse Momentum(GeV)

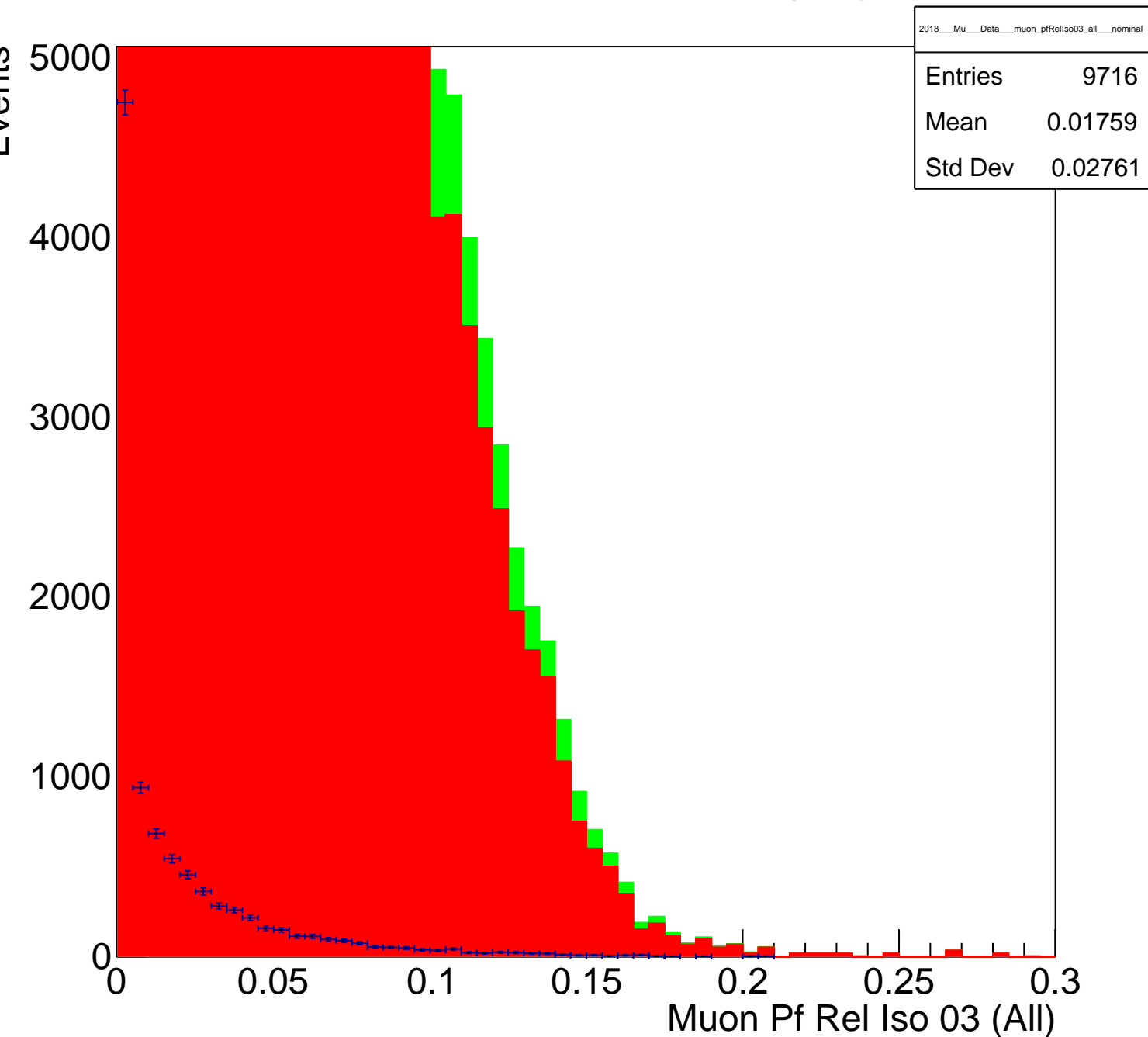


Ht

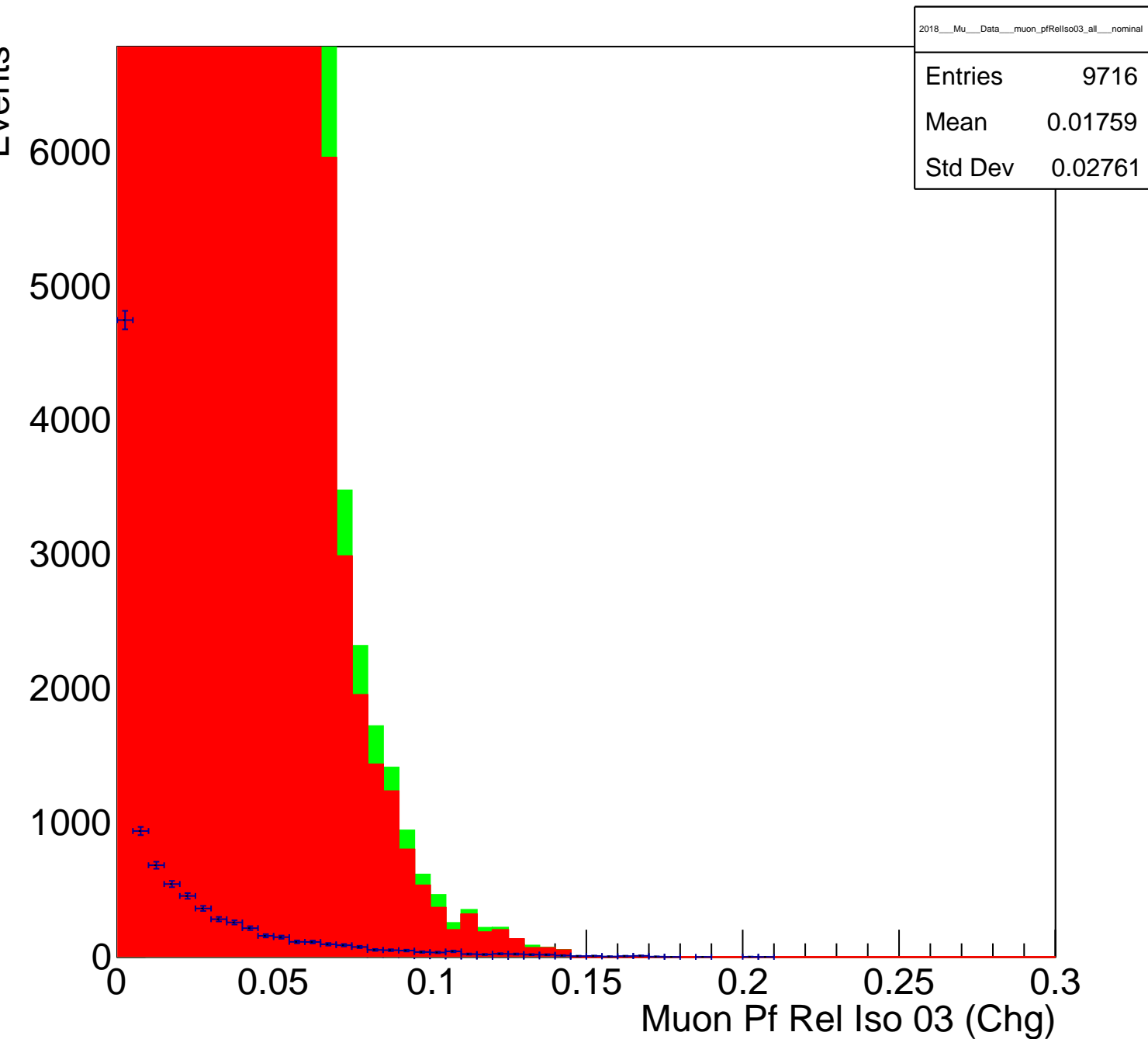
Events



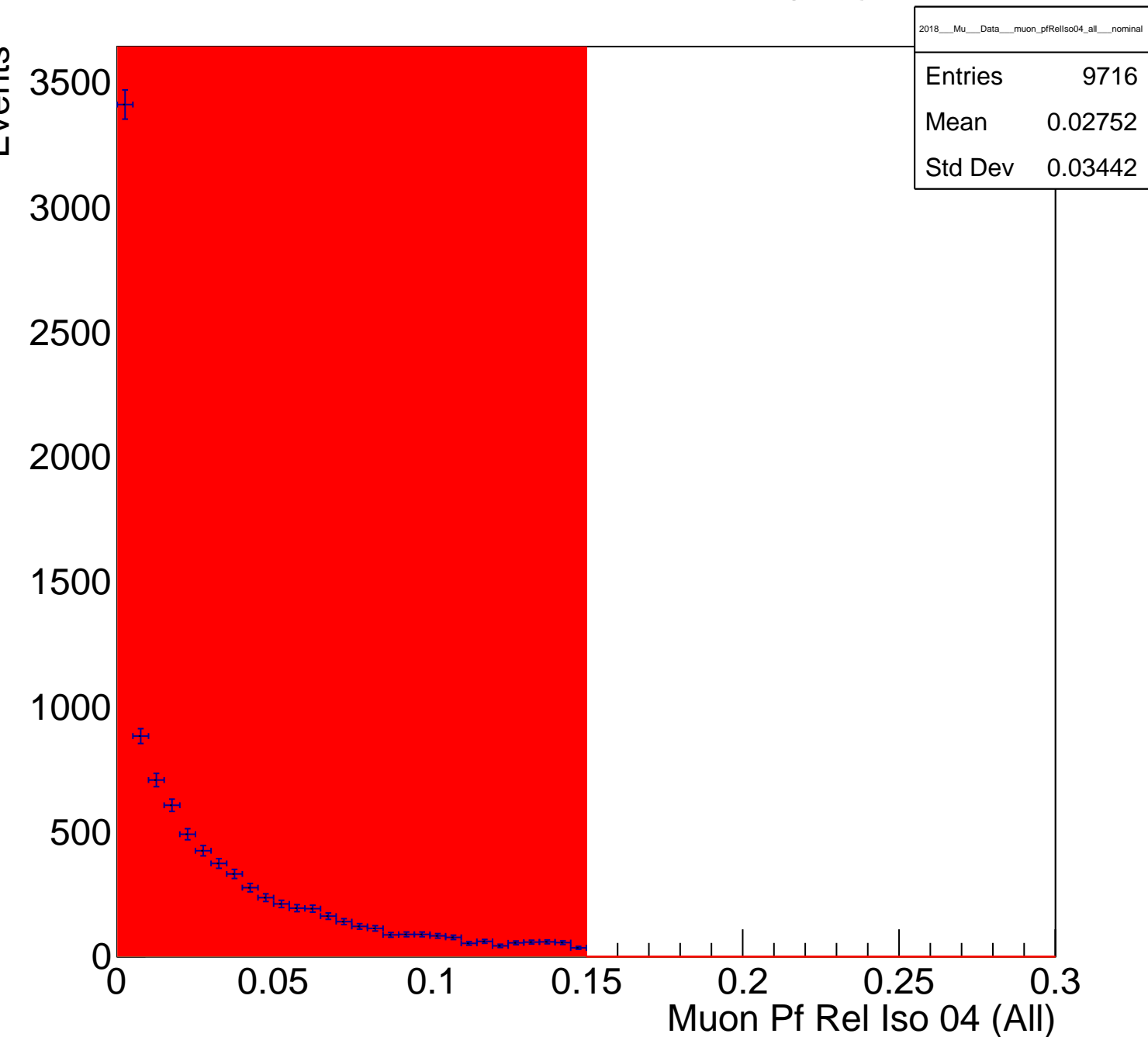
Muon Pf Rel Iso 03 (All)



Muon Pf Rel Iso 03 (Chg)



Muon Pf Rel Iso 04 (All)



Invariant Masses

Events

4000
3500
3000
2500
2000
1500
1000
500

2

4

6

8

10

12

Invariant Masses

2018__Mu__Data__invariant_masses__nominal	
Entries	95195
Mean	4.354
Std Dev	3.372

Invariant Masses

Events

