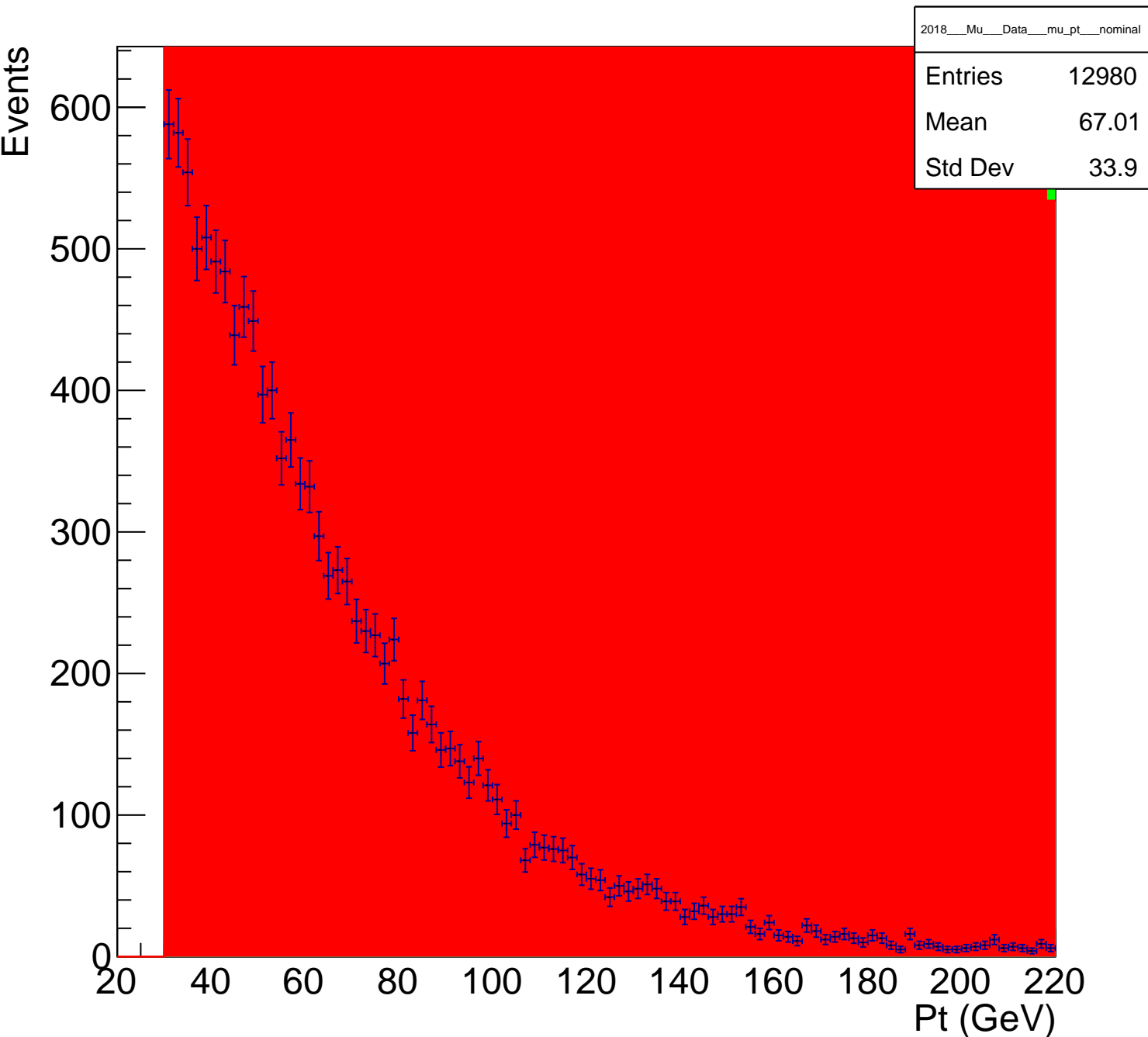


# Muon Transverse Momentum



# Muon Pseudorapidity

Events

300  
250  
200  
150  
100  
50  
0

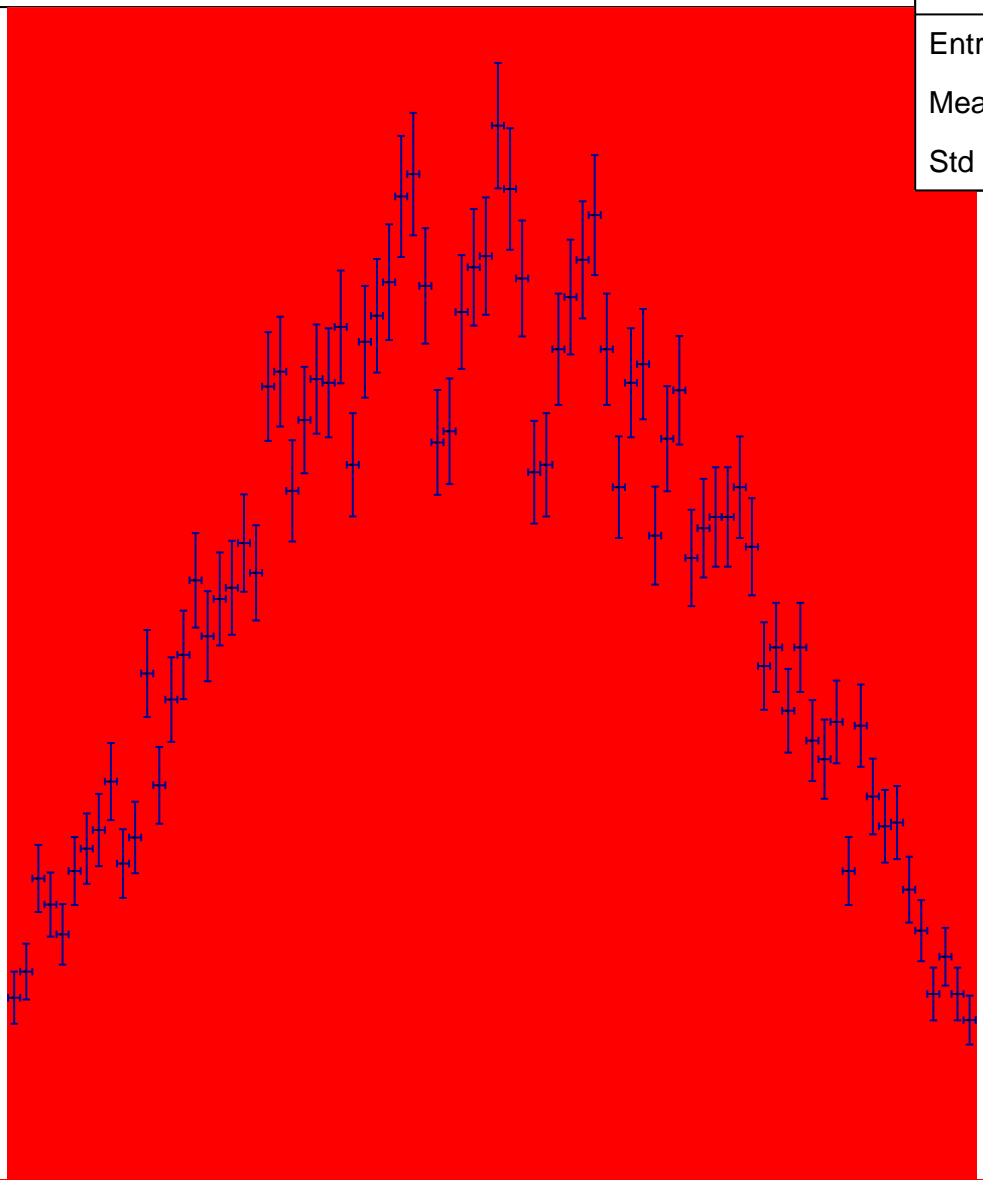
2018\_\_Mu\_\_Data\_\_mu\_eta\_\_nominal

Entries 12980

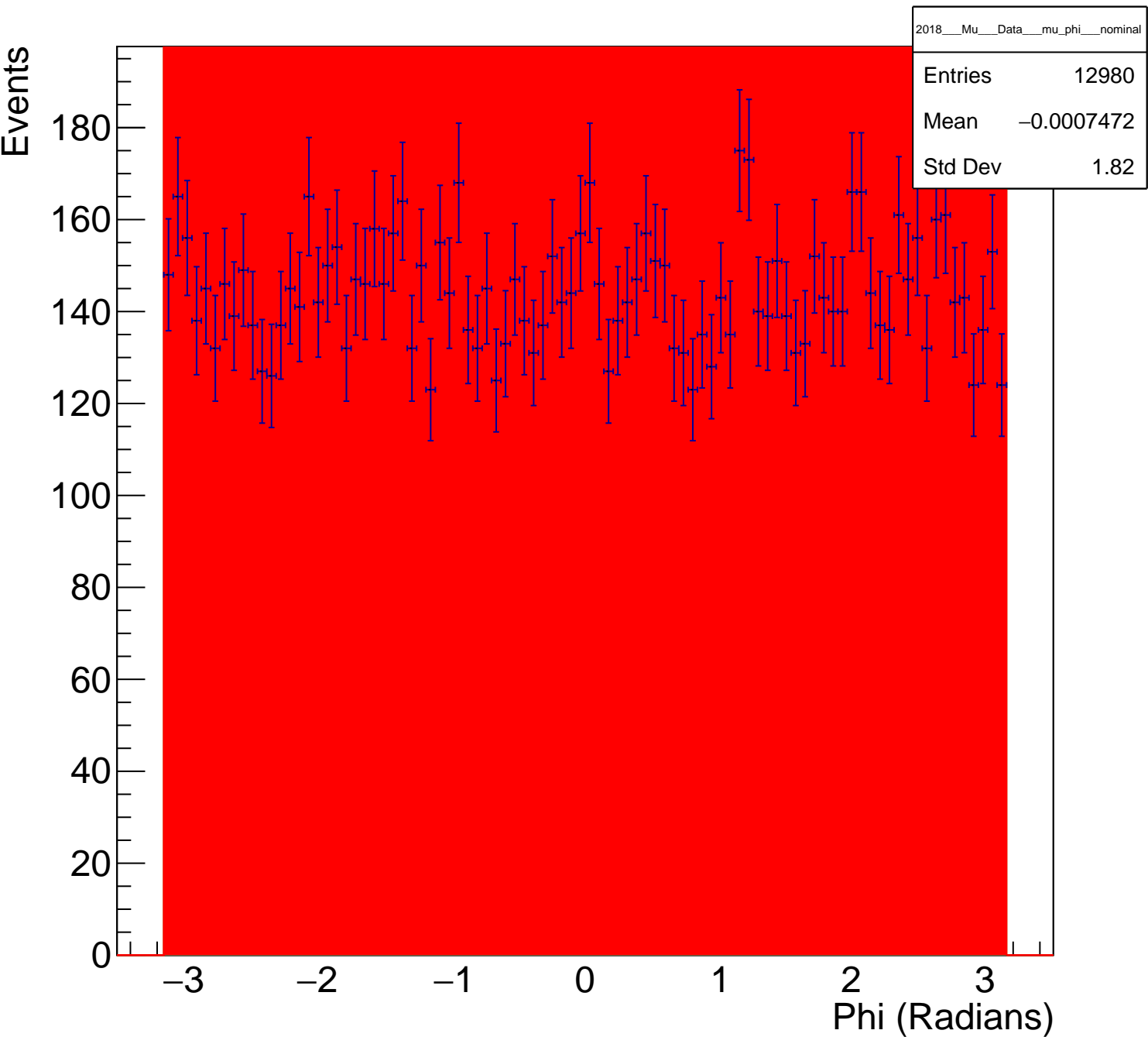
Mean  $-0.02377$

Std Dev 1.125

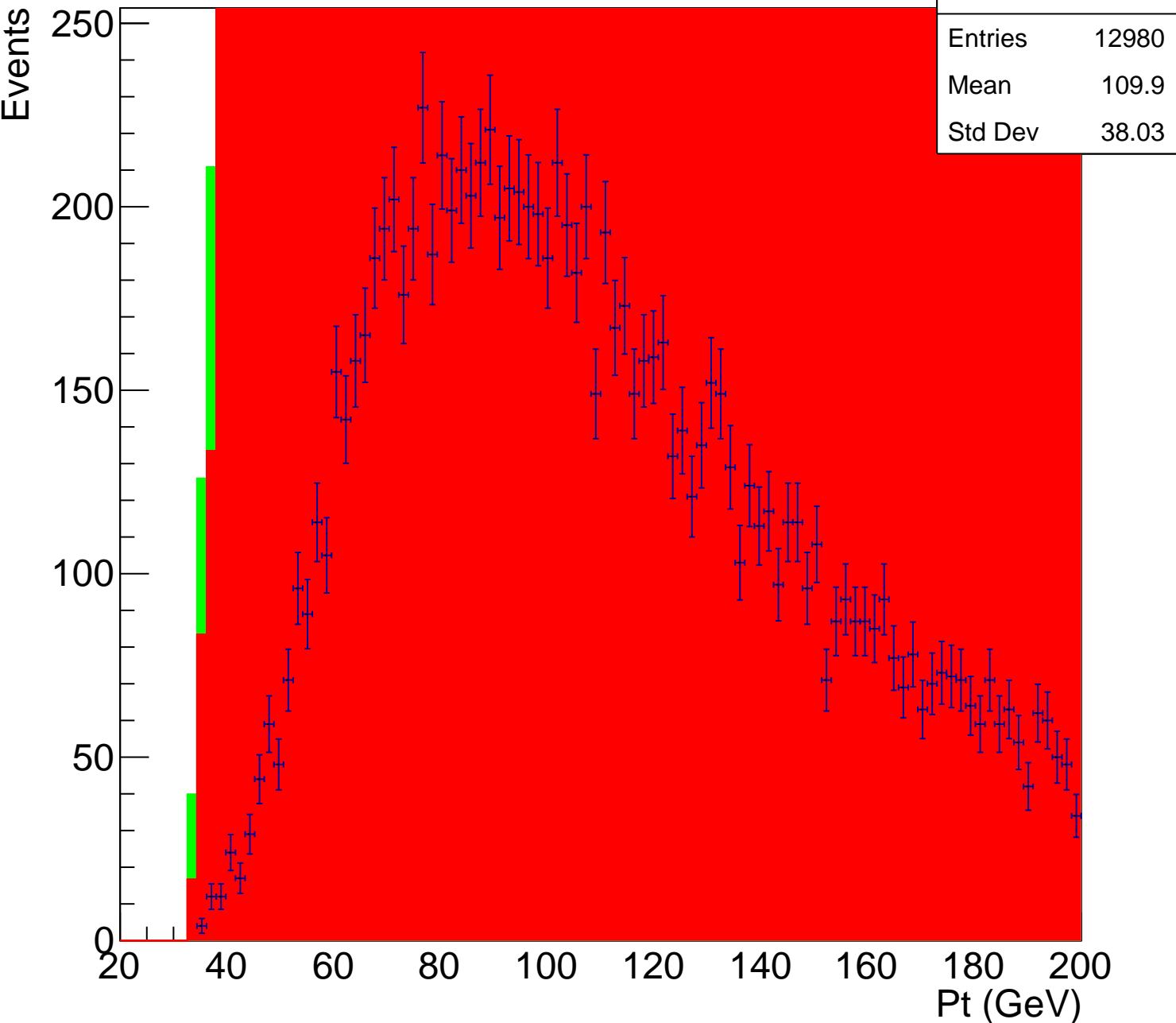
-3 -2 -1 0 1 2 3  
Eta



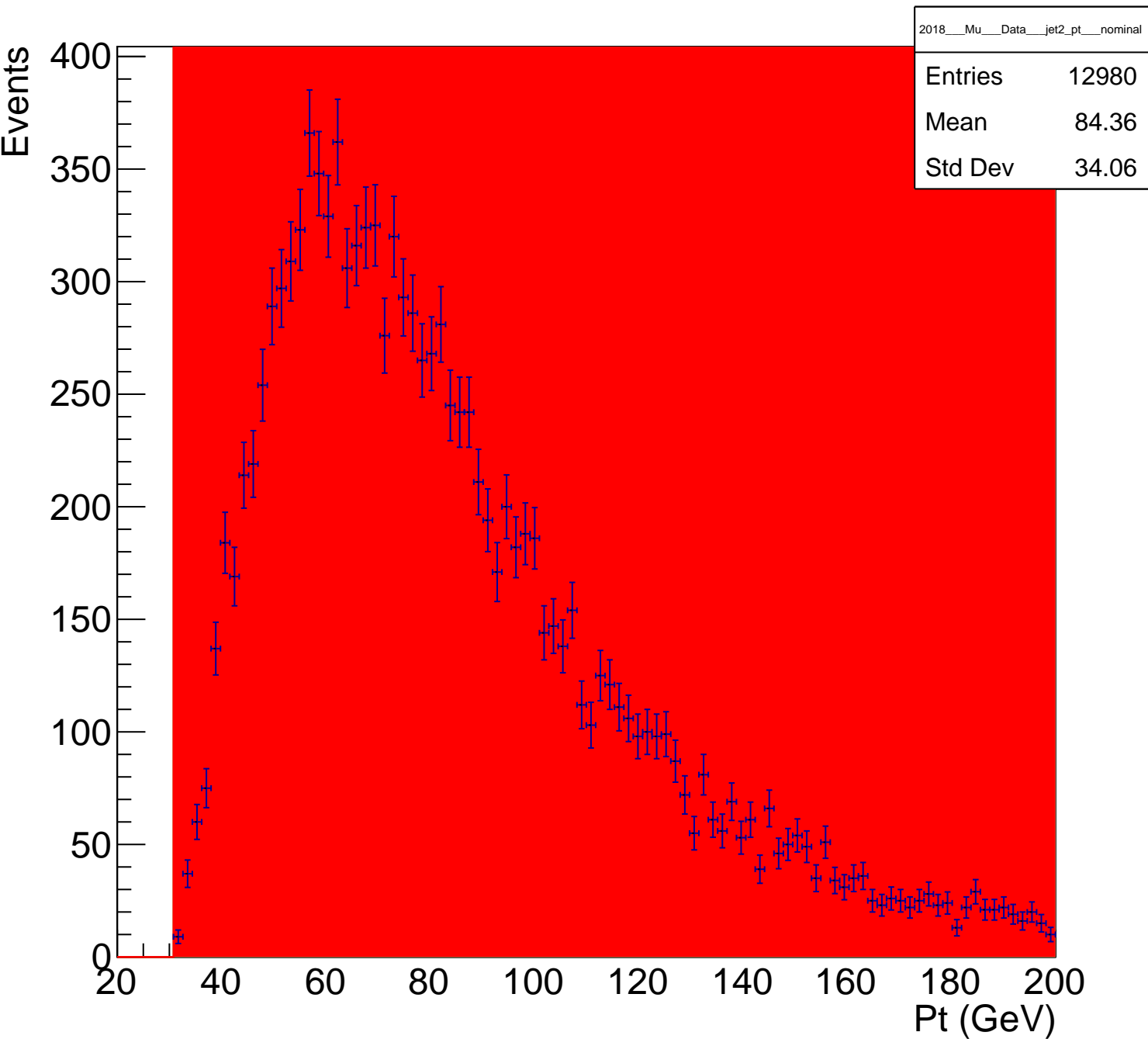
# Muon Angle



# Jet Transverse Momentum for Leading Jet

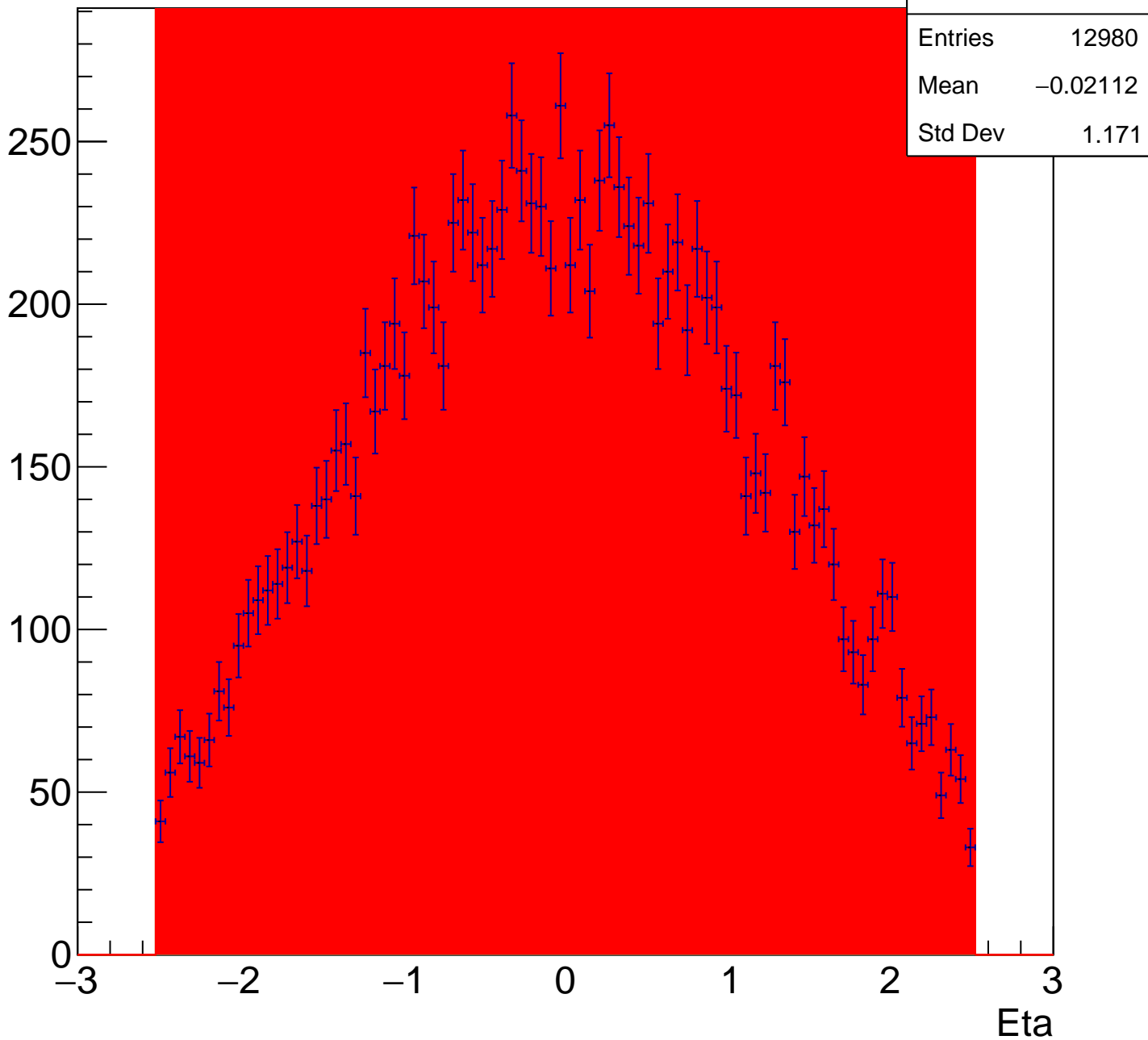


# Jet Transverse Momentum for Subleading Jet



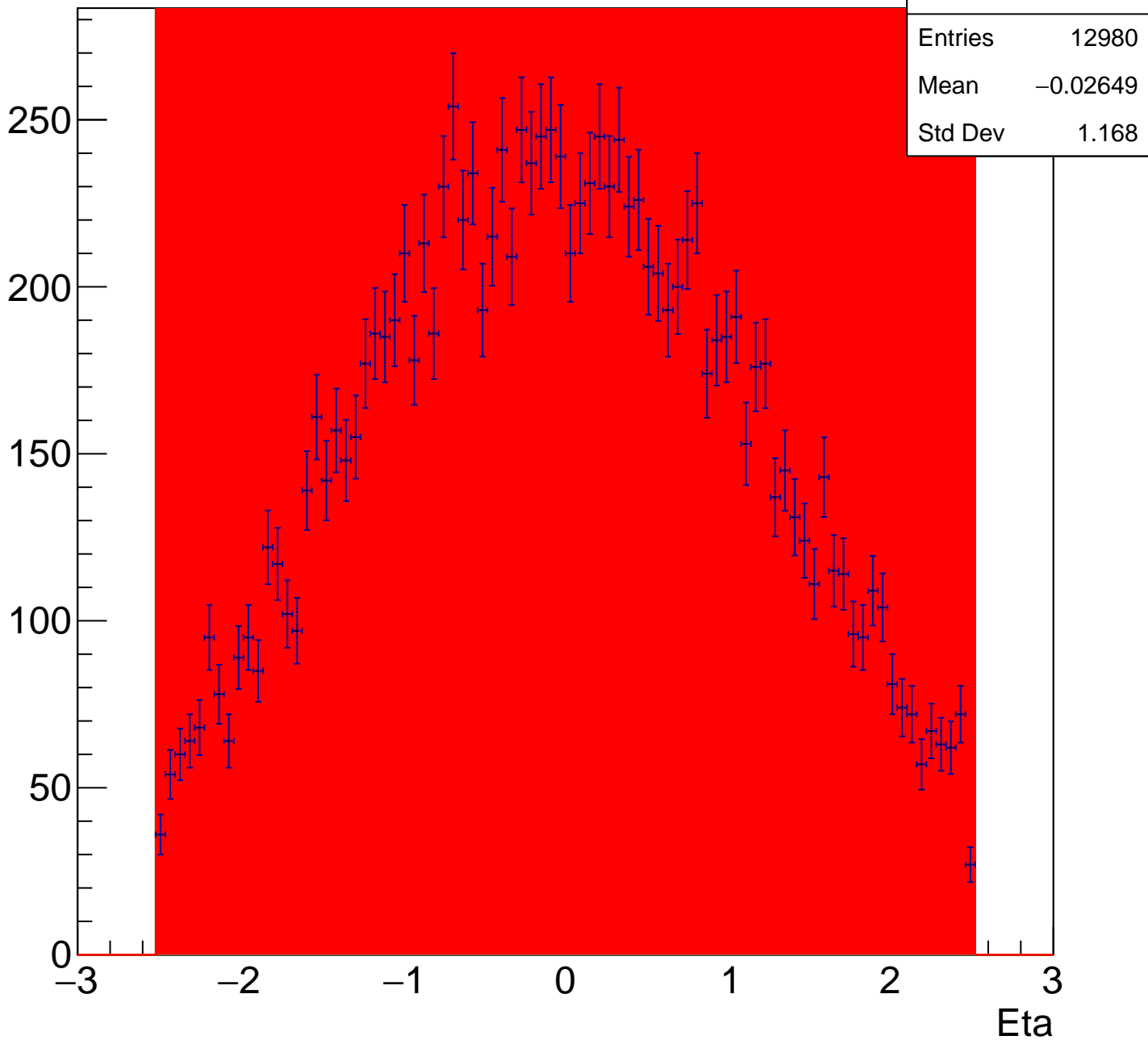
# Jet Pseudorapidity for Leading Jet

Events



# Jet Pseudorapidity for Subleading Jet

Events



# Jet Angle for Leading Jet

Events

200  
180  
160  
140  
120  
100  
80  
60  
40  
20  
0

-3

-2

-1

0

1

2

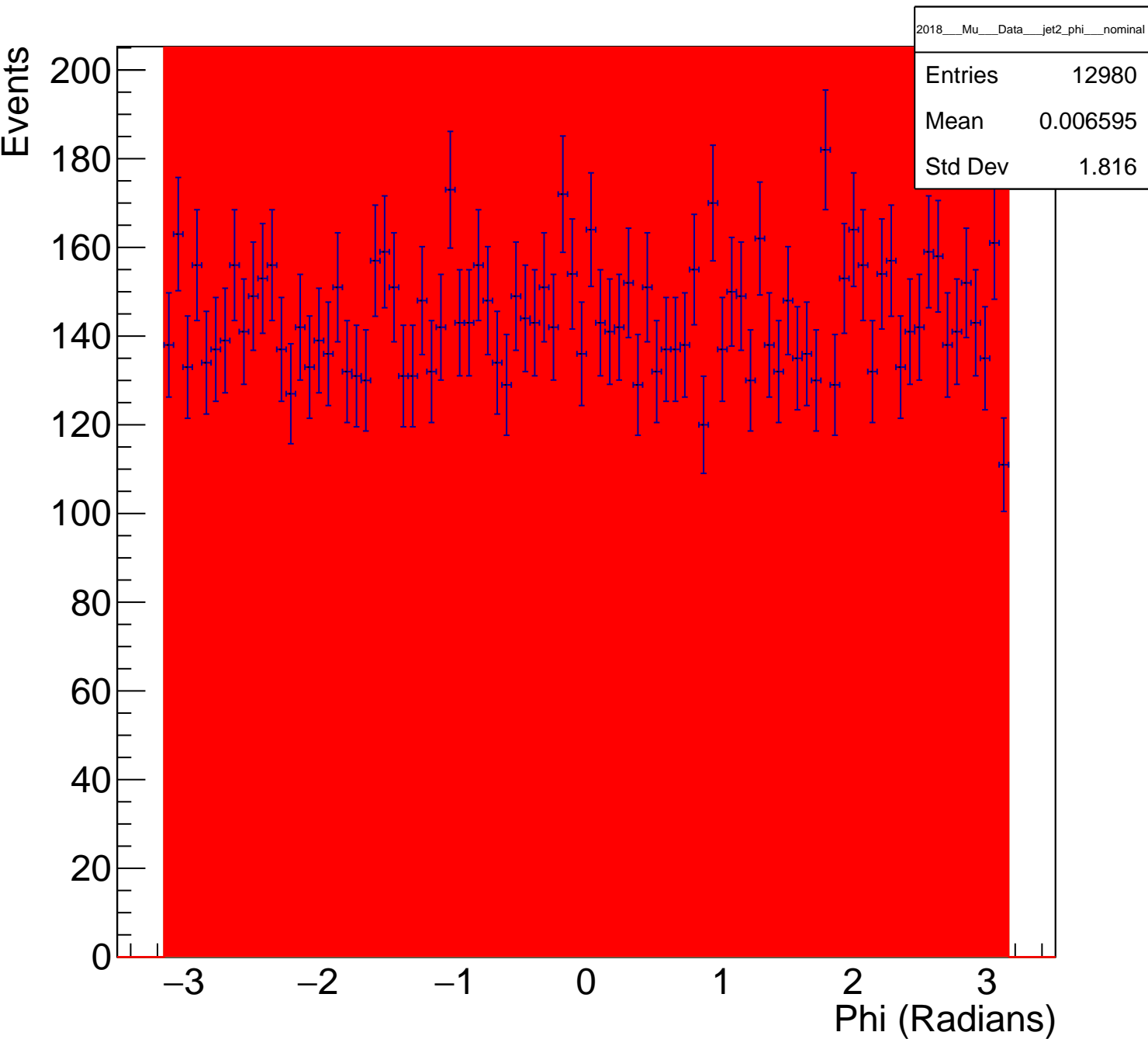
3

Phi (Radians)

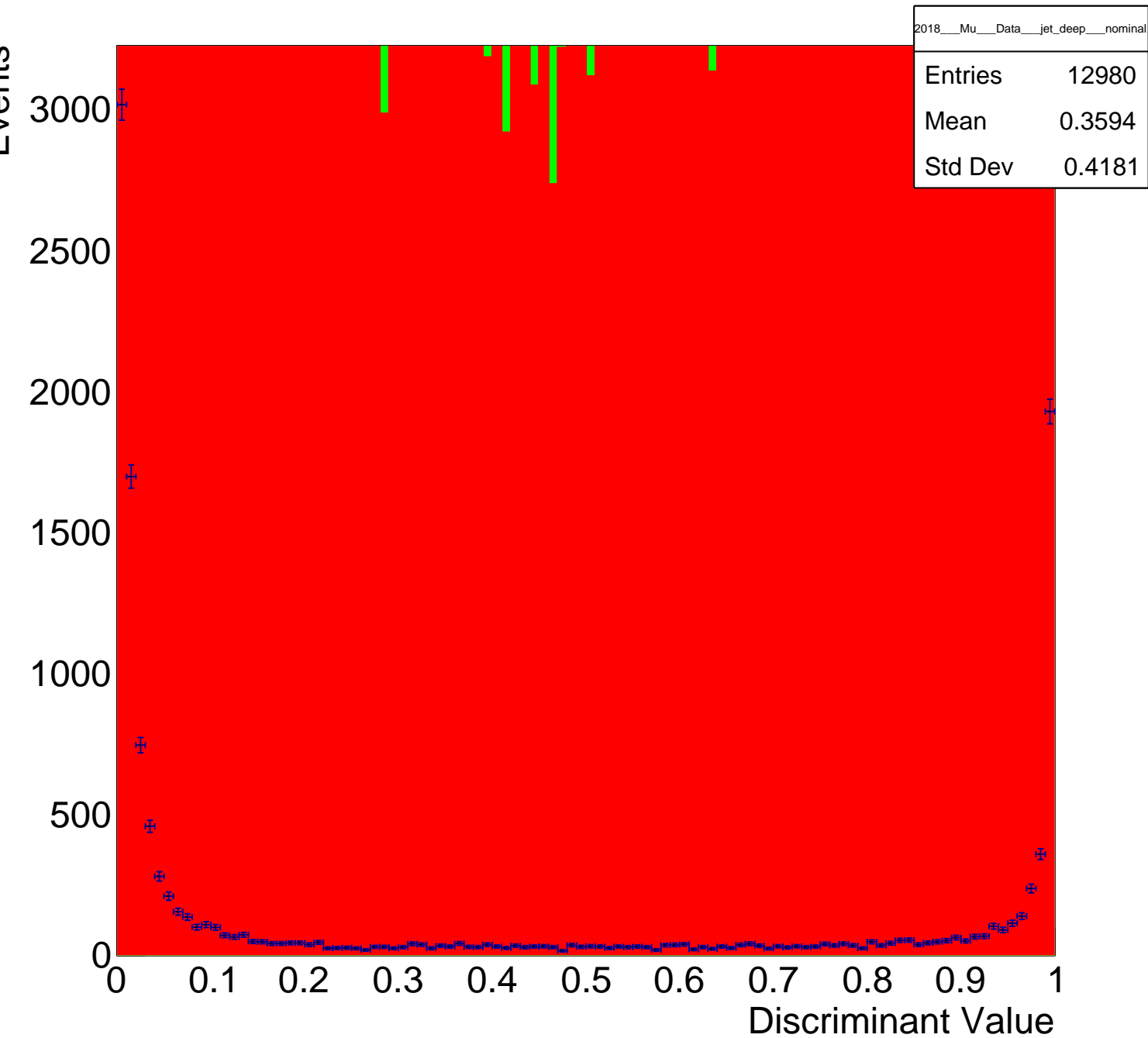
2018__Mu__Data__jet1_phi__nominal	
Entries	12980
Mean	-0.01069
Std Dev	1.811



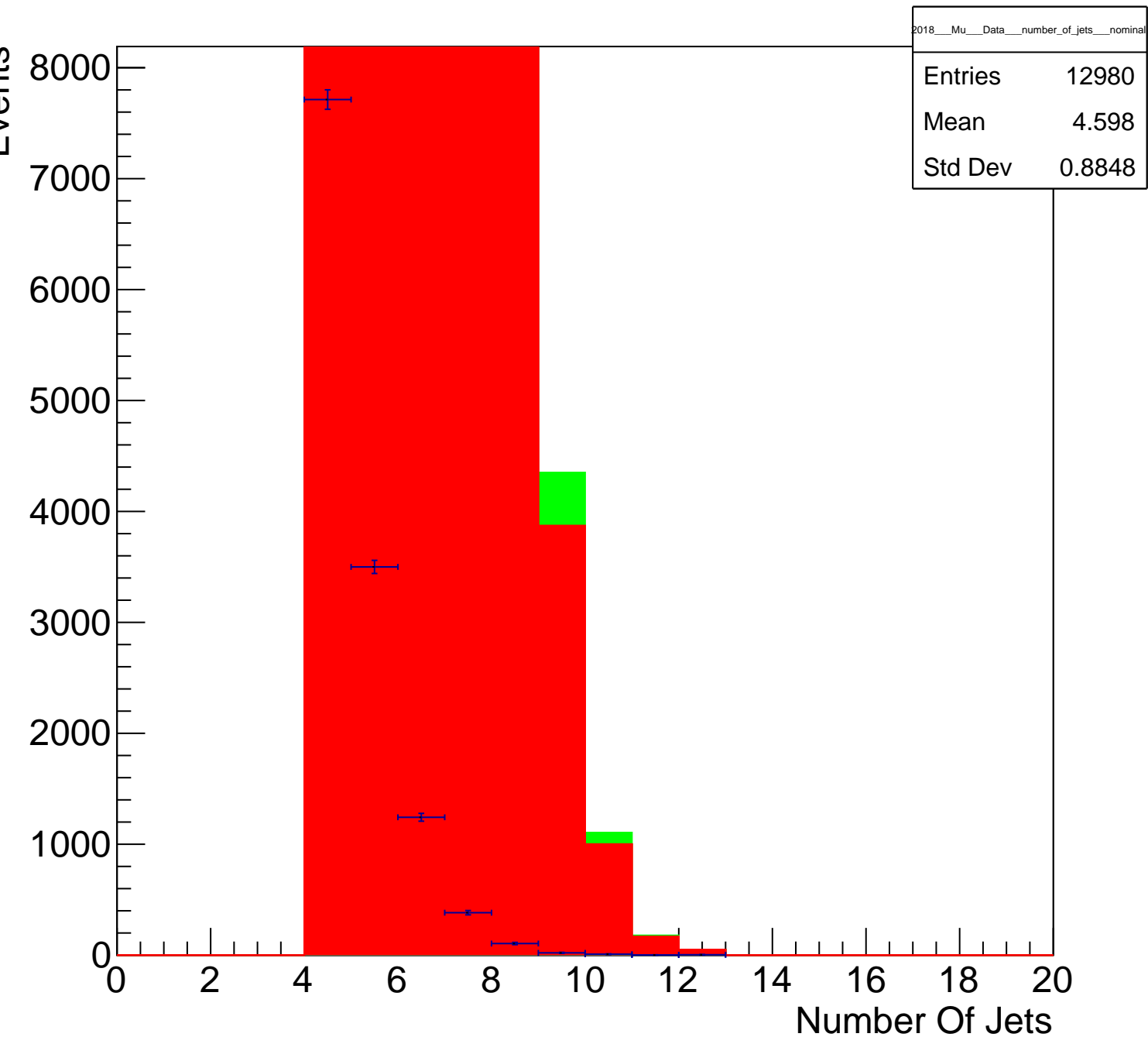
# Jet Angle for Subleading Jet



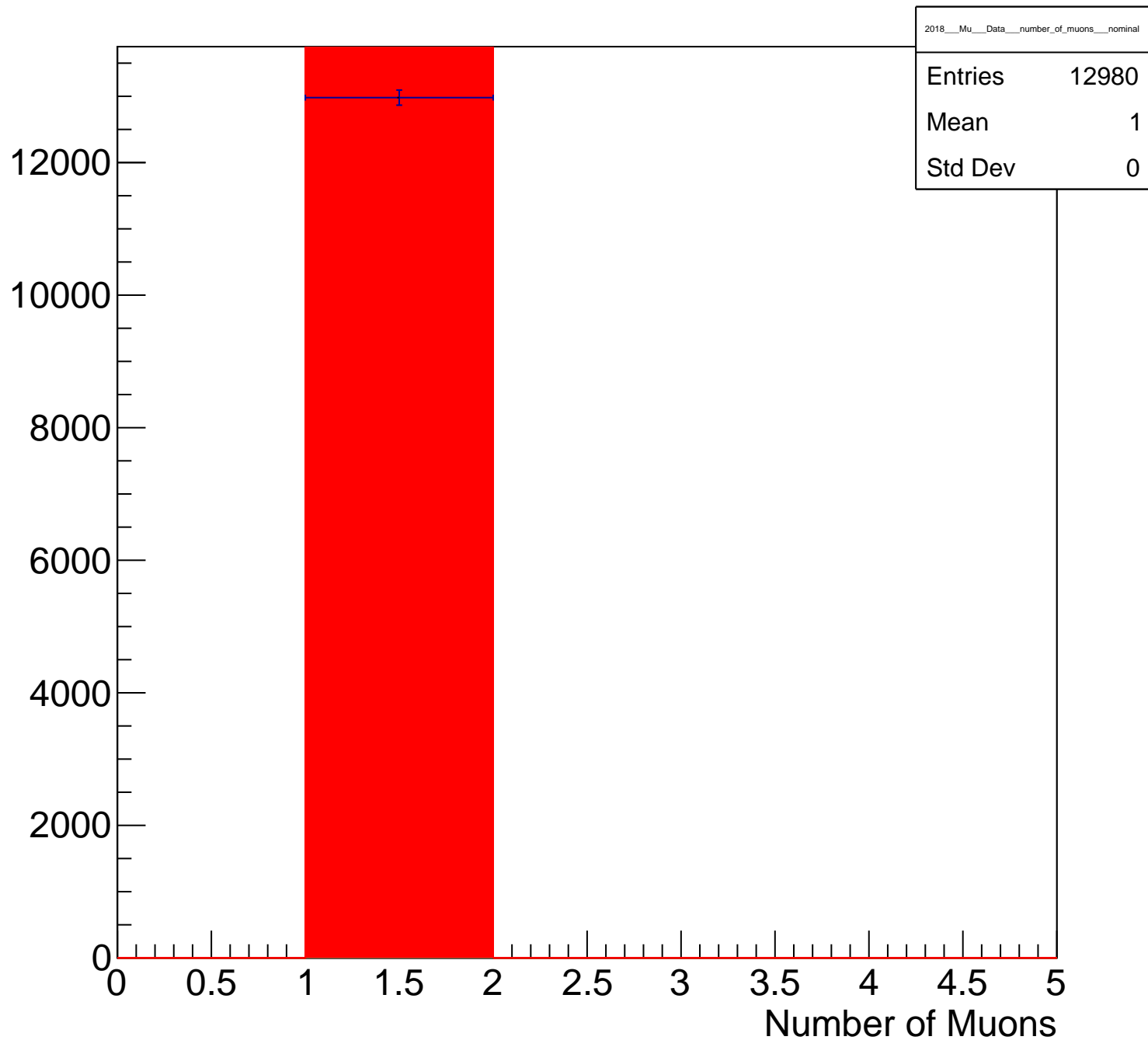
# Deep Jet B Discriminator



# Number of Jets



# Number of Muons



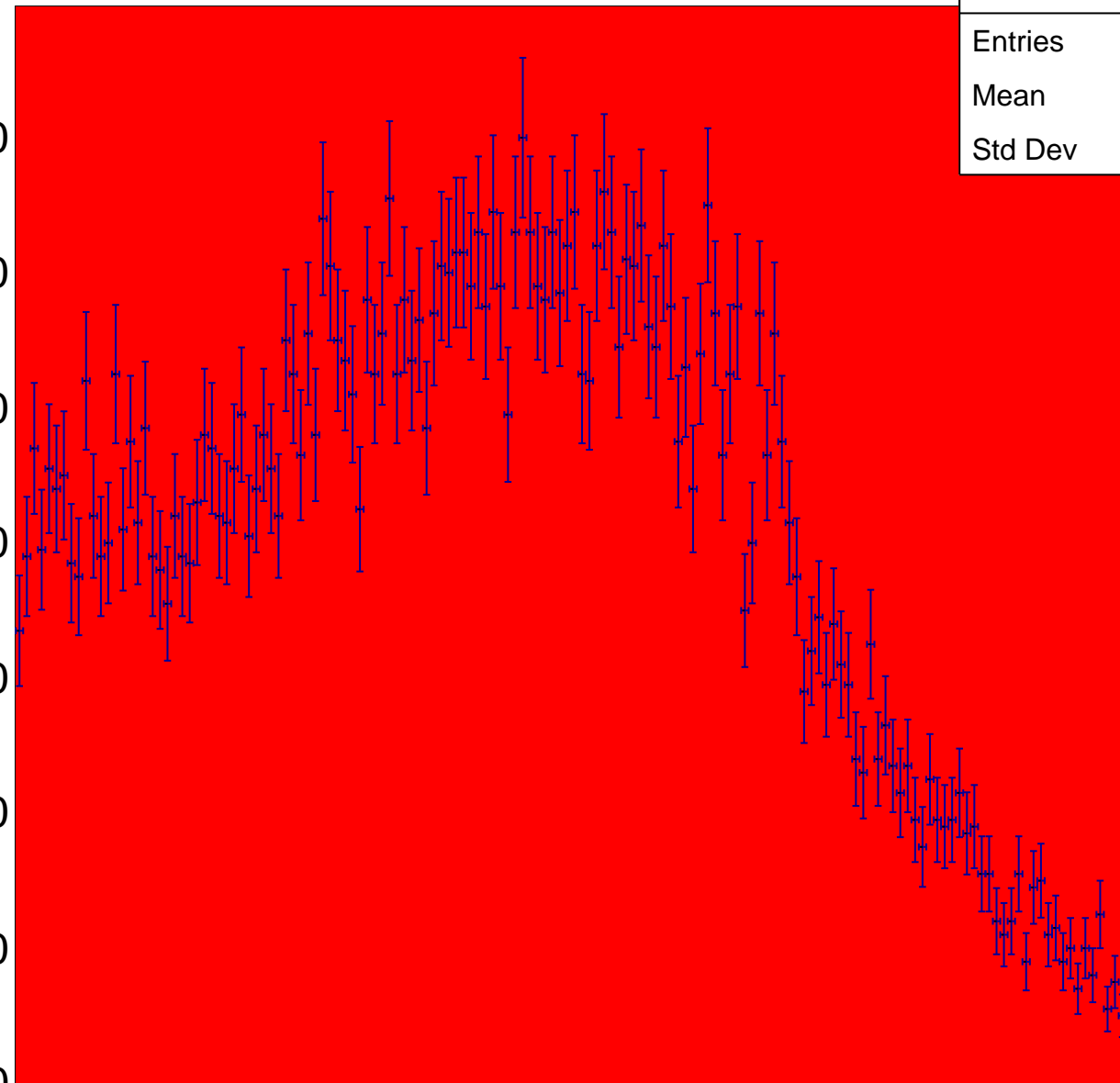
# Transverse Mass

Events

140  
120  
100  
80  
60  
40  
20  
0

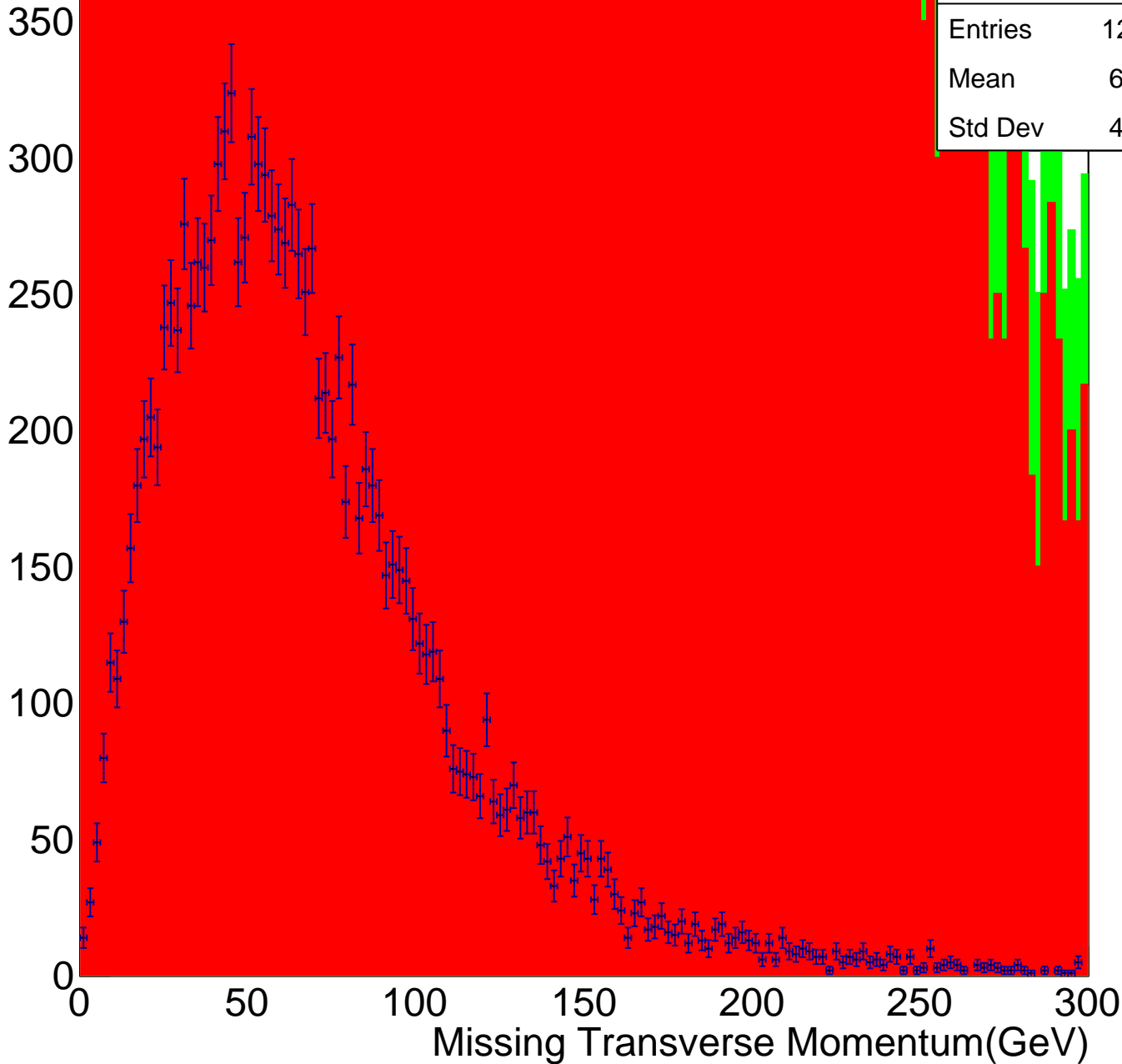
2018__Mu__Data__transverse_mass__nominal	
Entries	12980
Mean	64.32
Std Dev	35.64

Transverse Mass (GeV)



# Missing Transverse Momentum

Events



Ht

Events

300  
250  
200  
150  
100  
50  
0

0

200

400

600

800

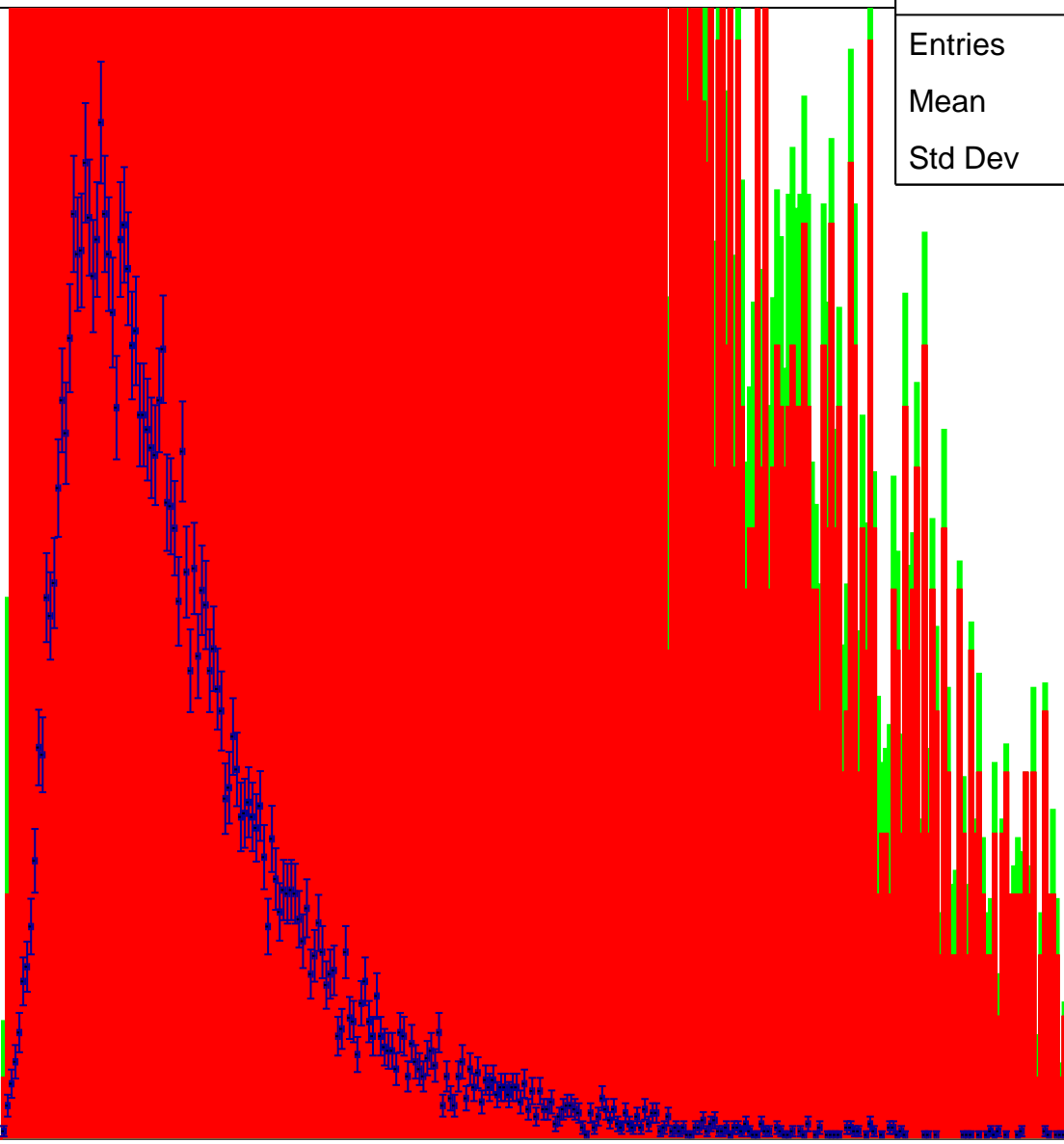
1000

1200

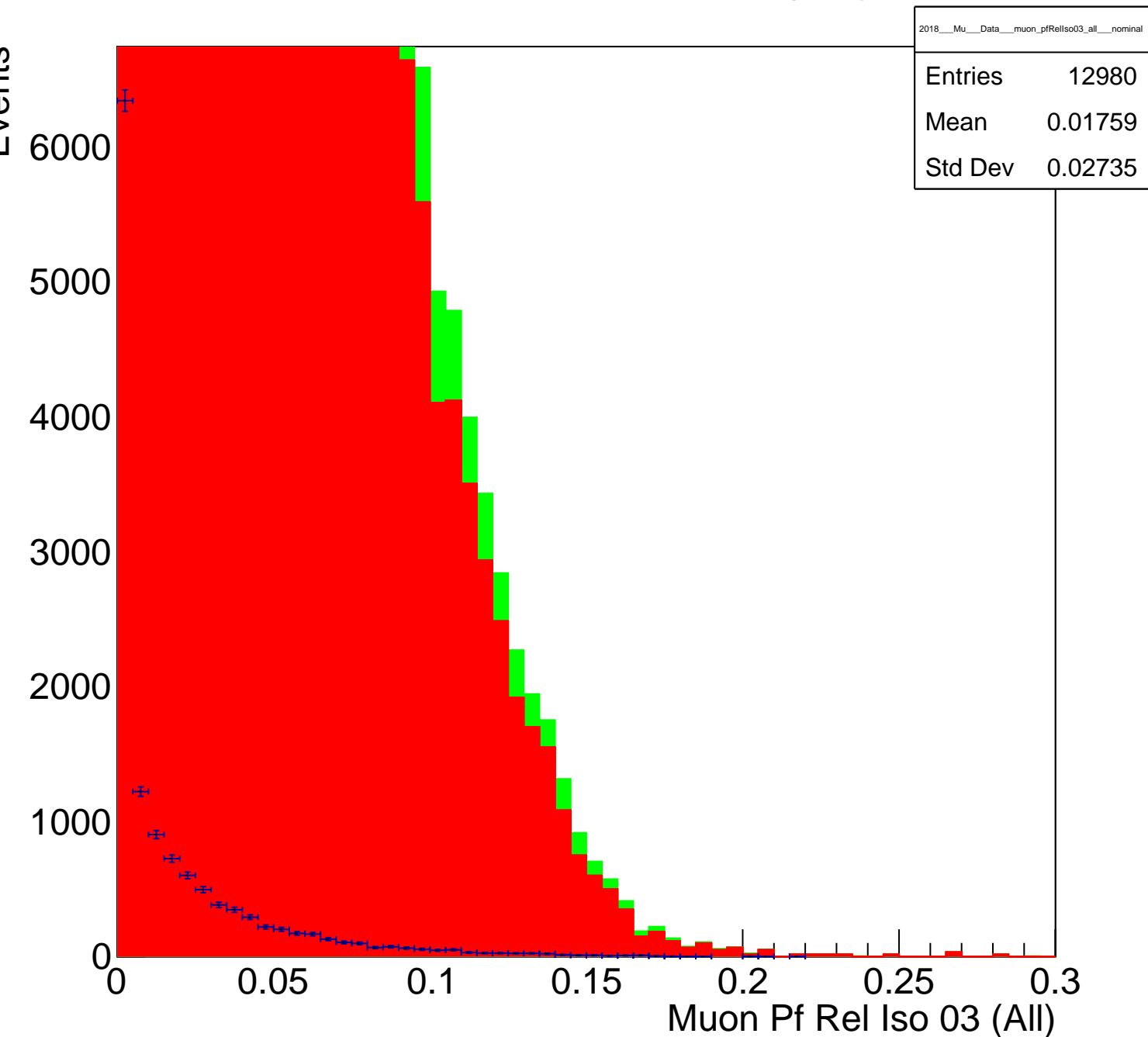
1400

Ht

2018__Mu__Data__ht__nominal	
Entries	12980
Mean	361.4
Std Dev	172.9

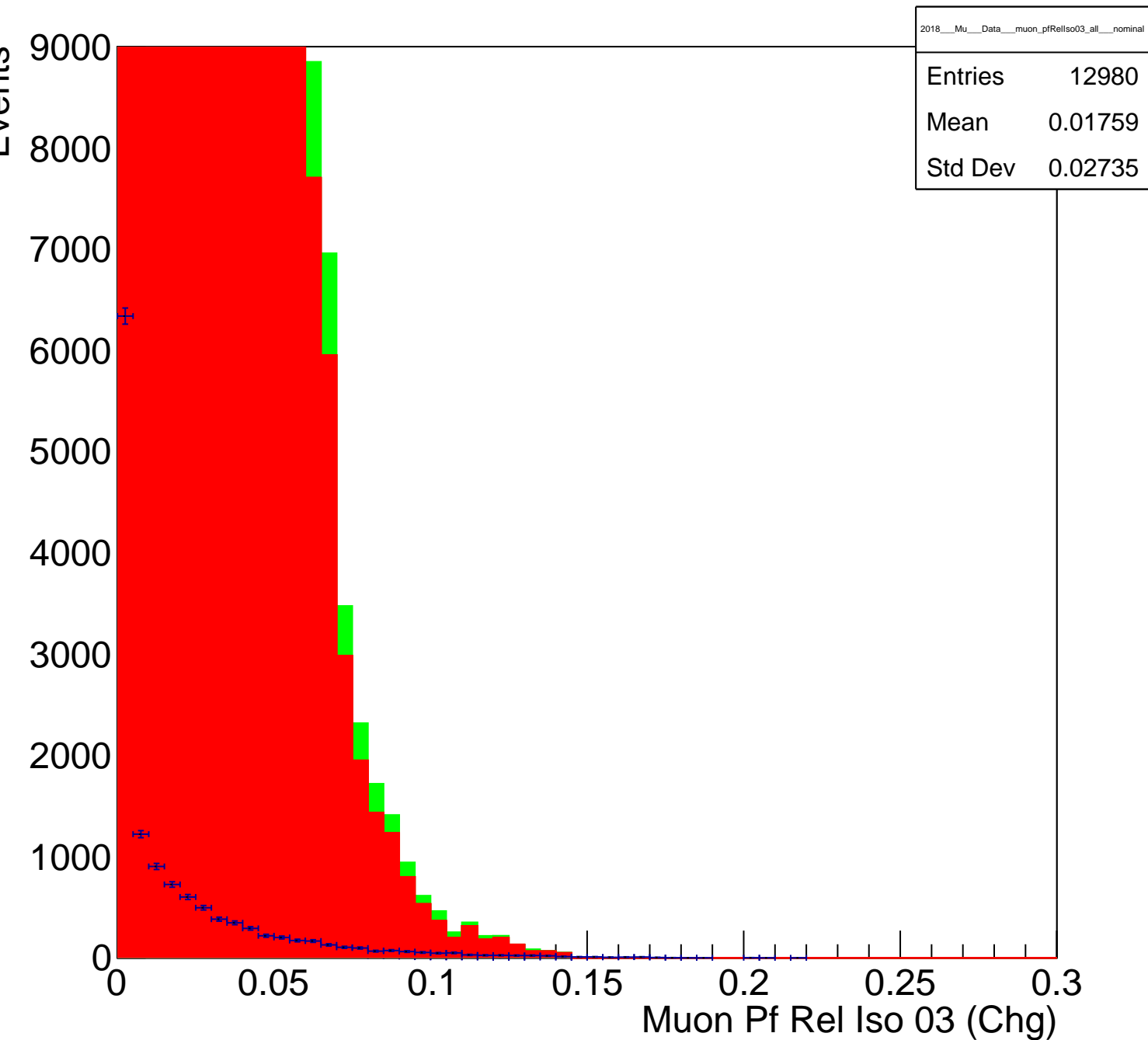


# Muon Pf Rel Iso 03 (All)

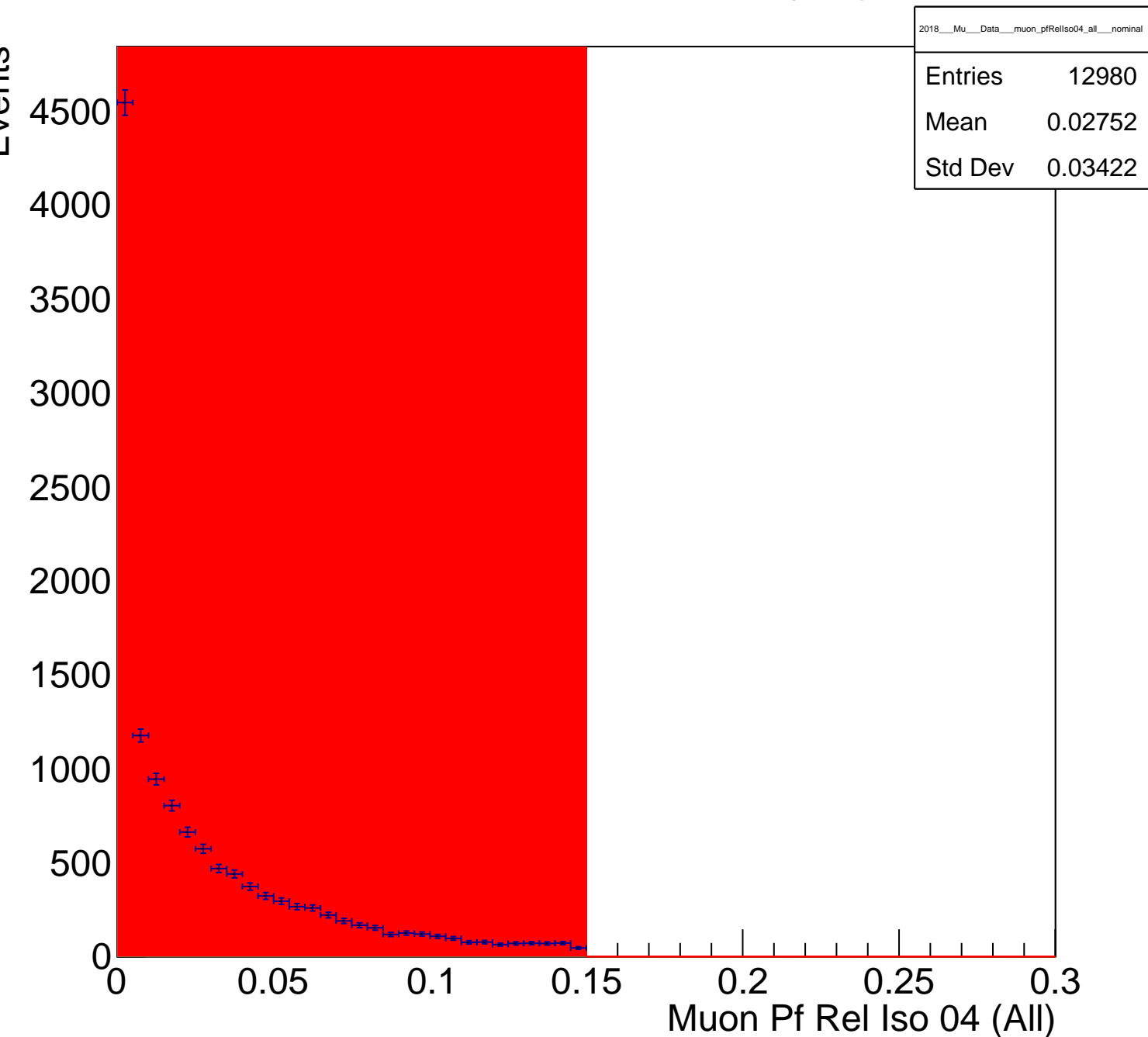




# Muon Pf Rel Iso 03 (Chg)

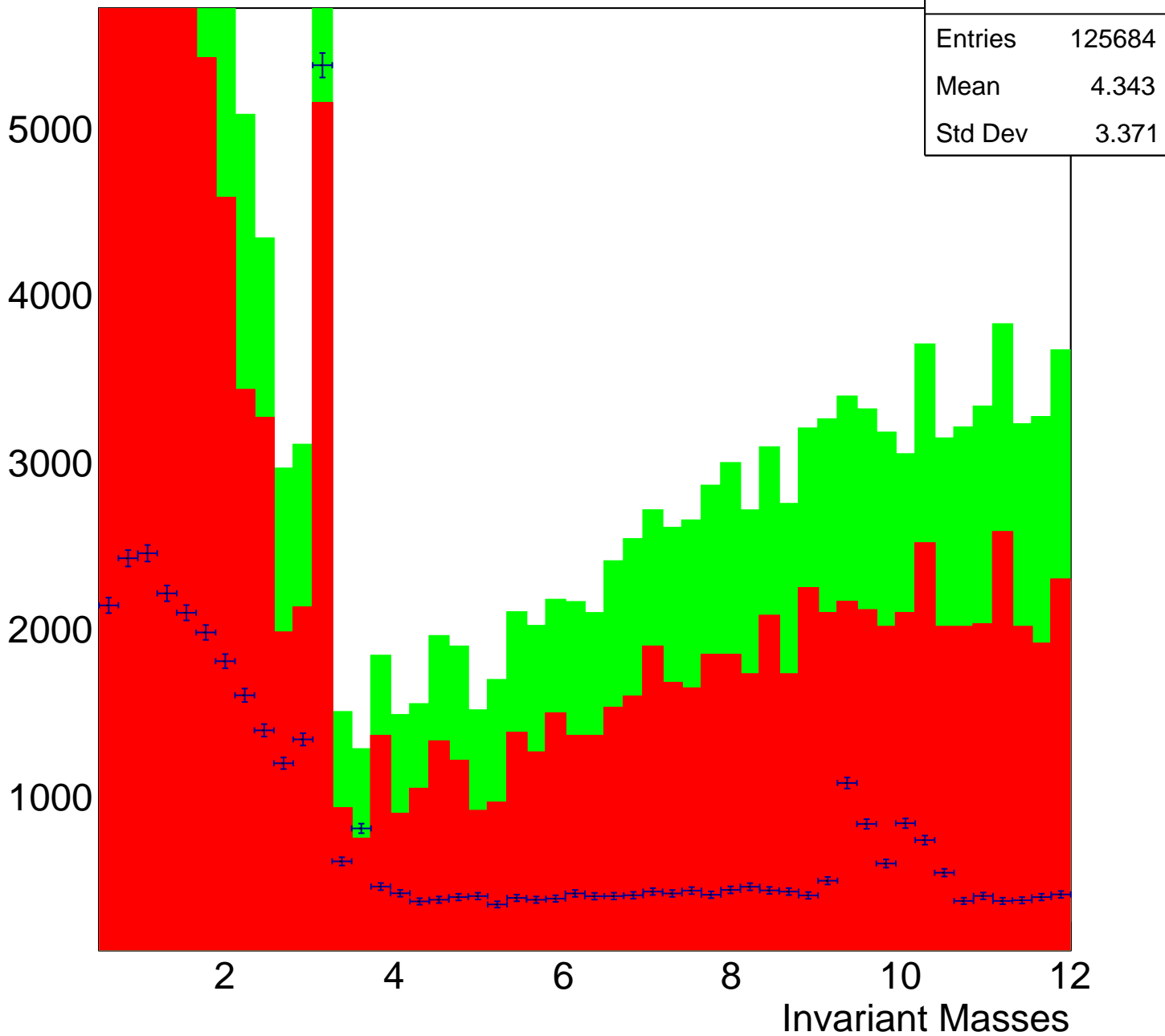


# Muon Pf Rel Iso 04 (All)



# Invariant Masses

Events



# Invariant Masses

Events

