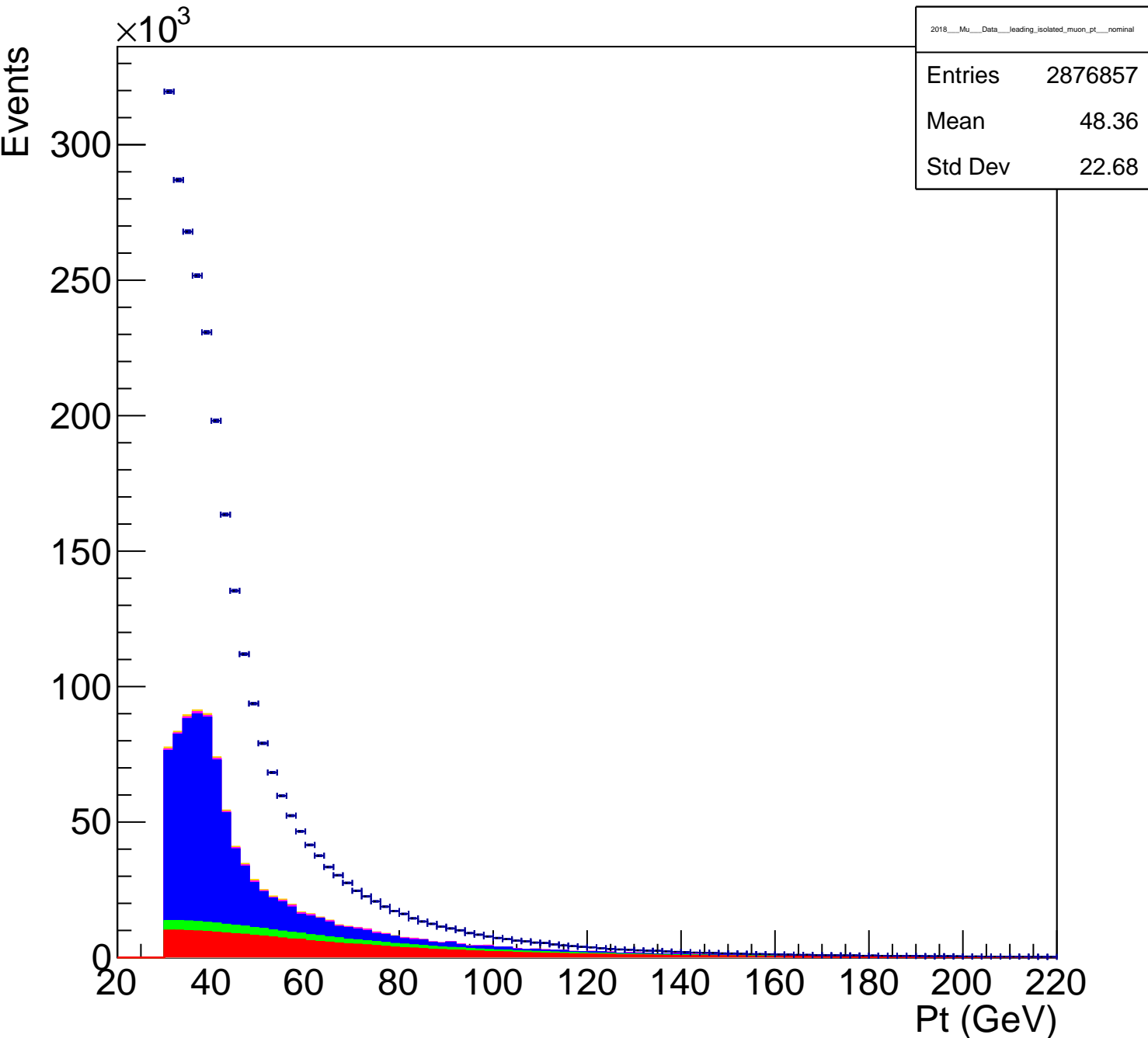
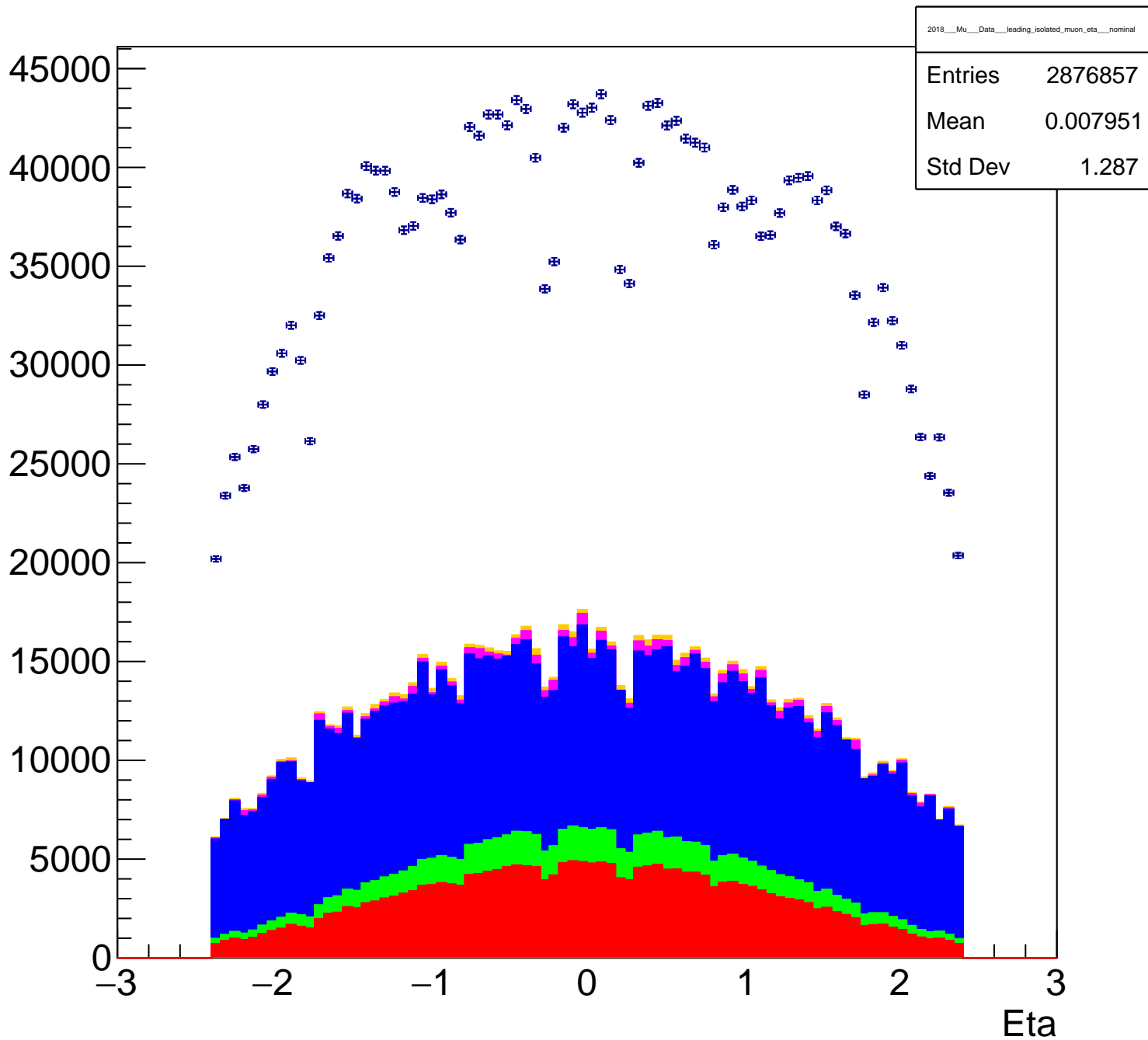


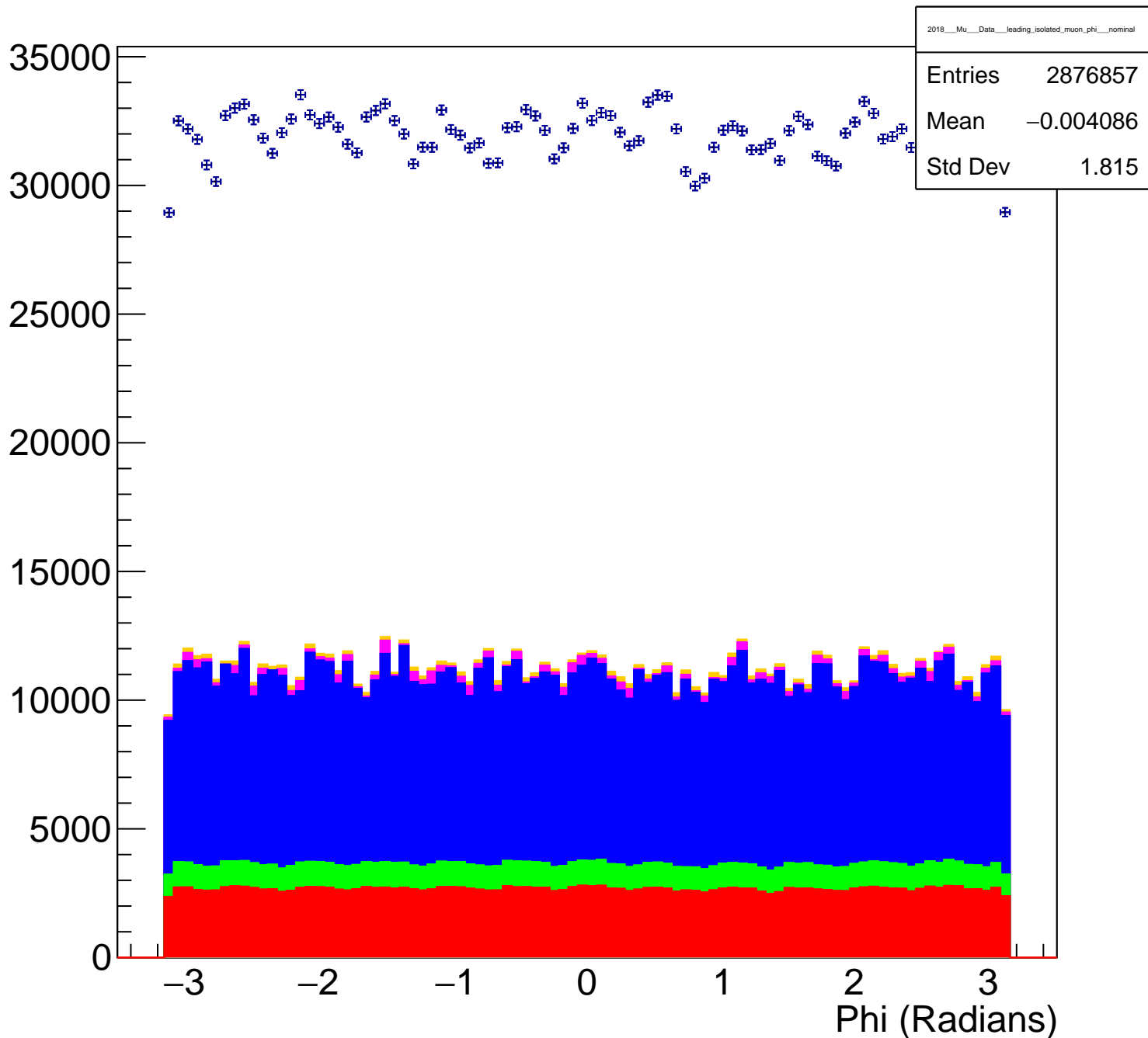
# Leading Isolated Muon Transverse Momentum



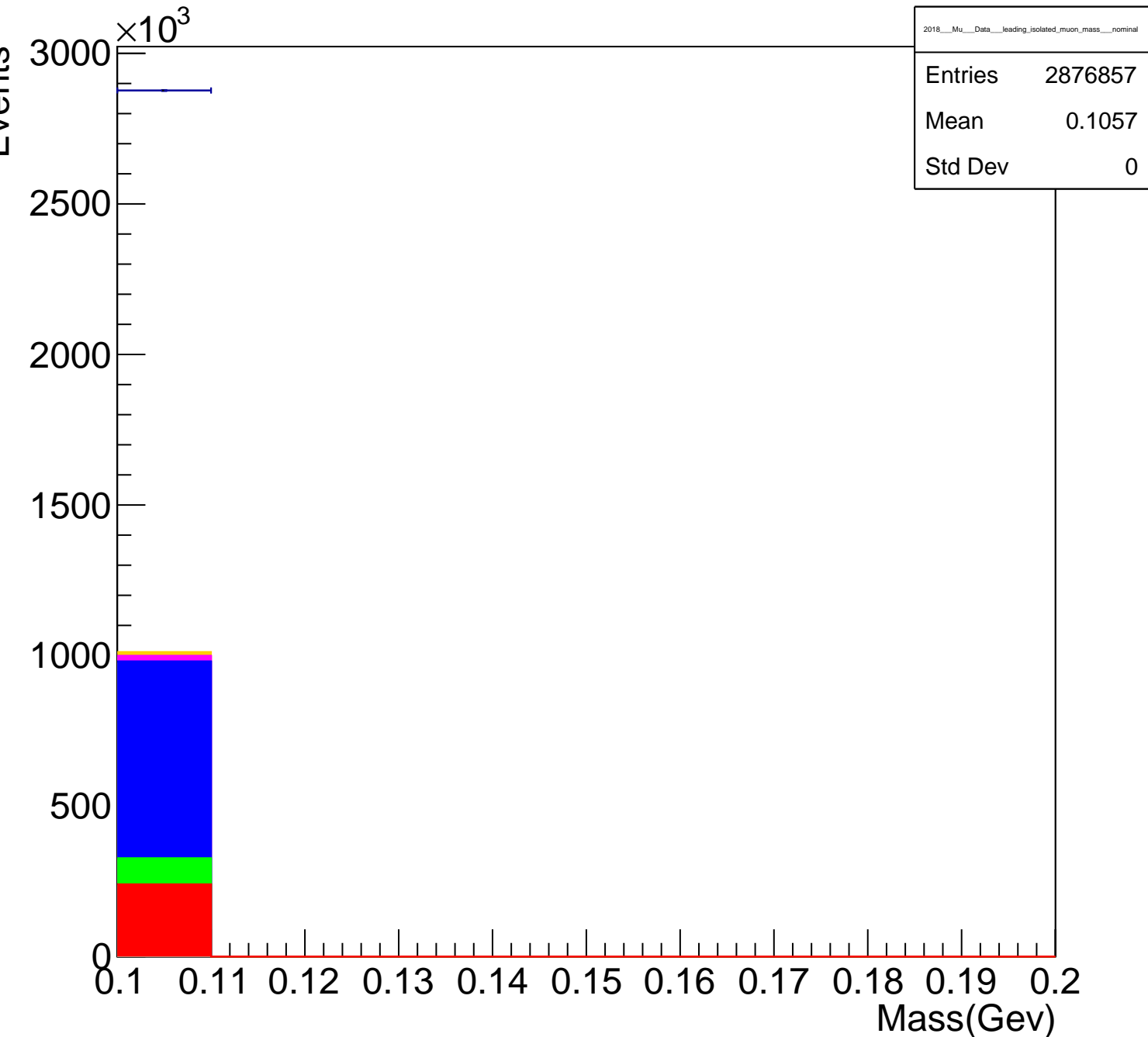
# Leading Isolated Muon Pseudorapidity



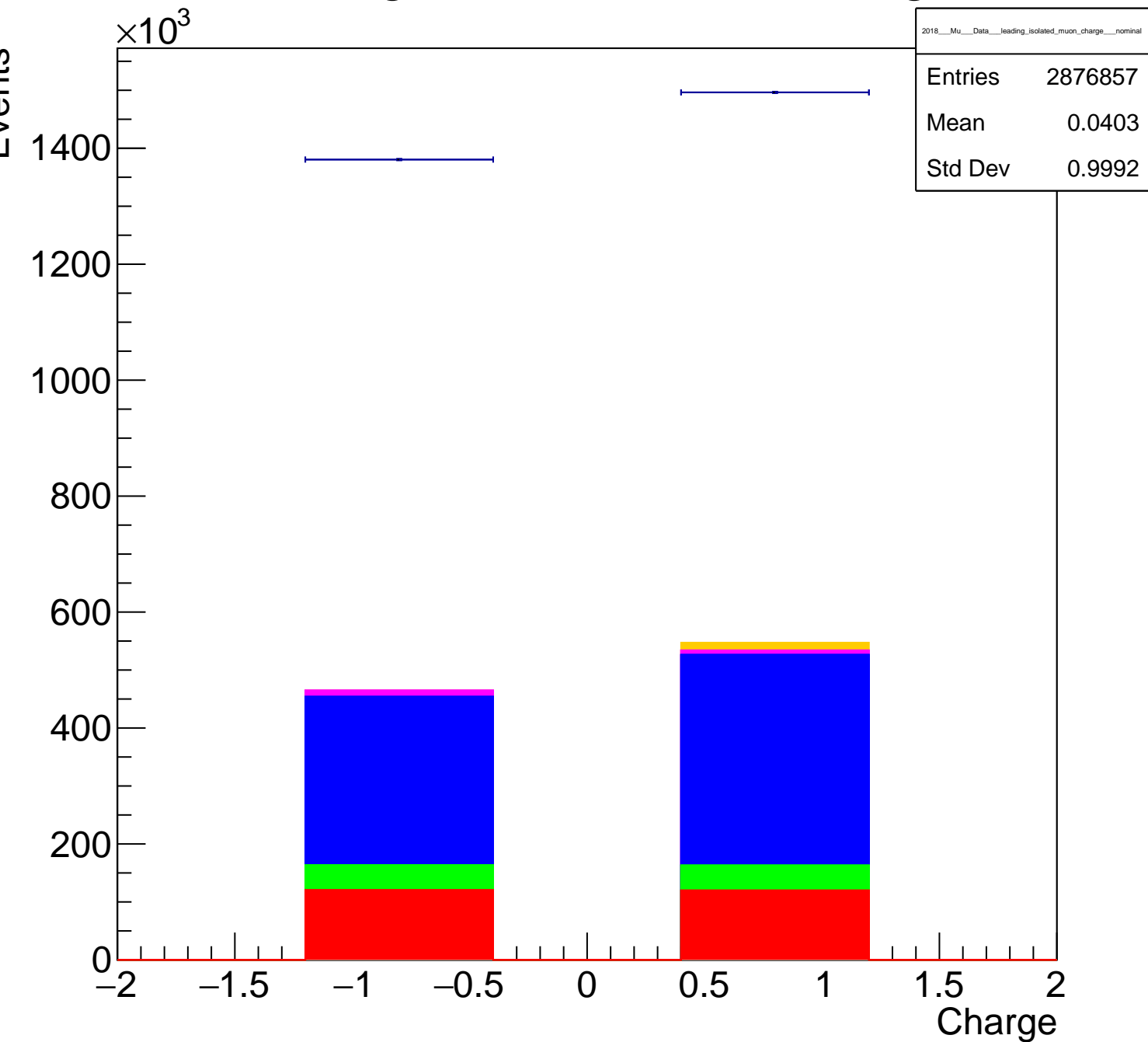
# Leading Isolated Muon Angle



# Leading Isolated Muon Mass

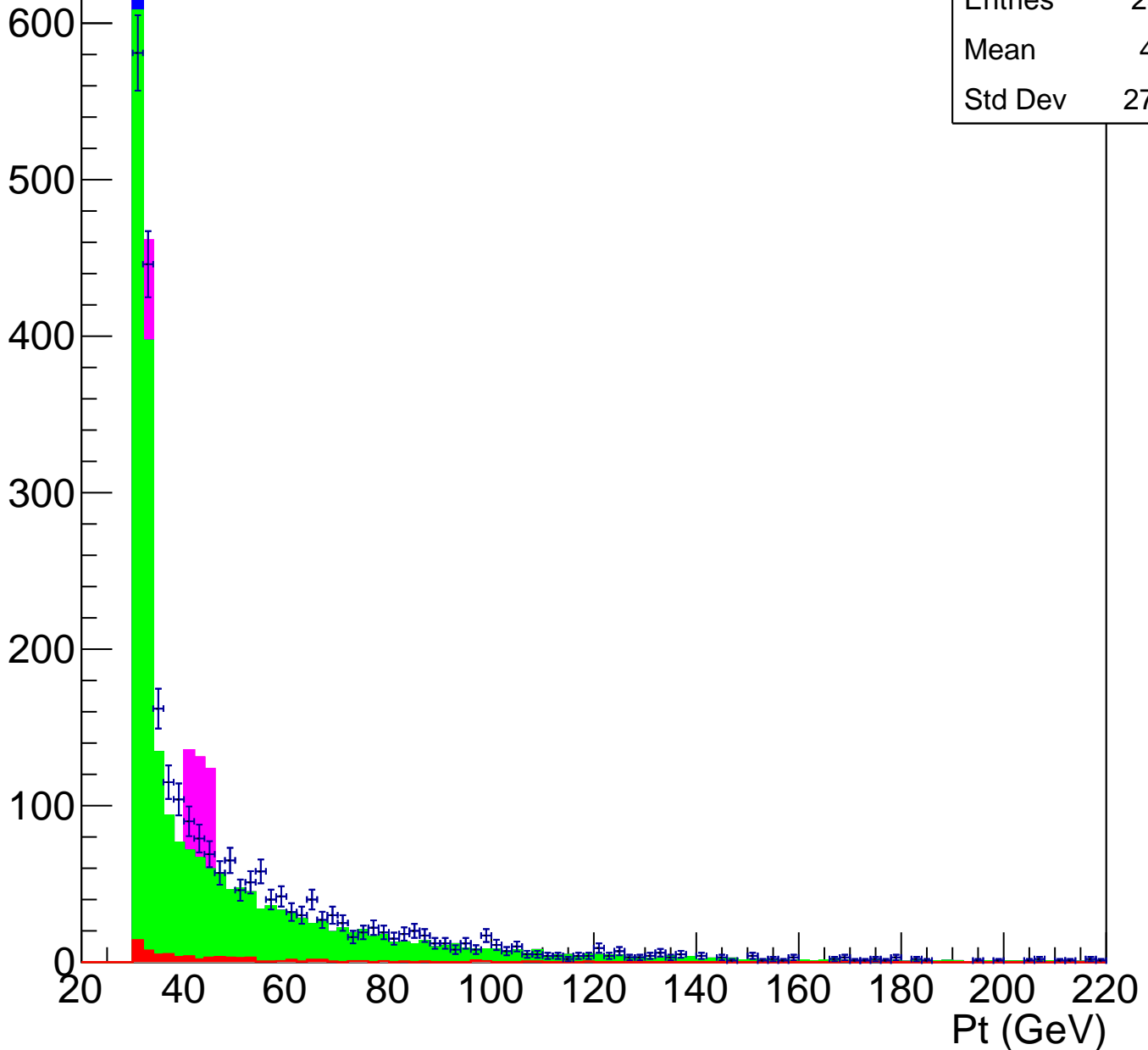


# Leading Isolated Muon Charge



# Leading Isolated Electron Transverse Momentum

Events



# Leading Isolated Electron Pseudorapidity

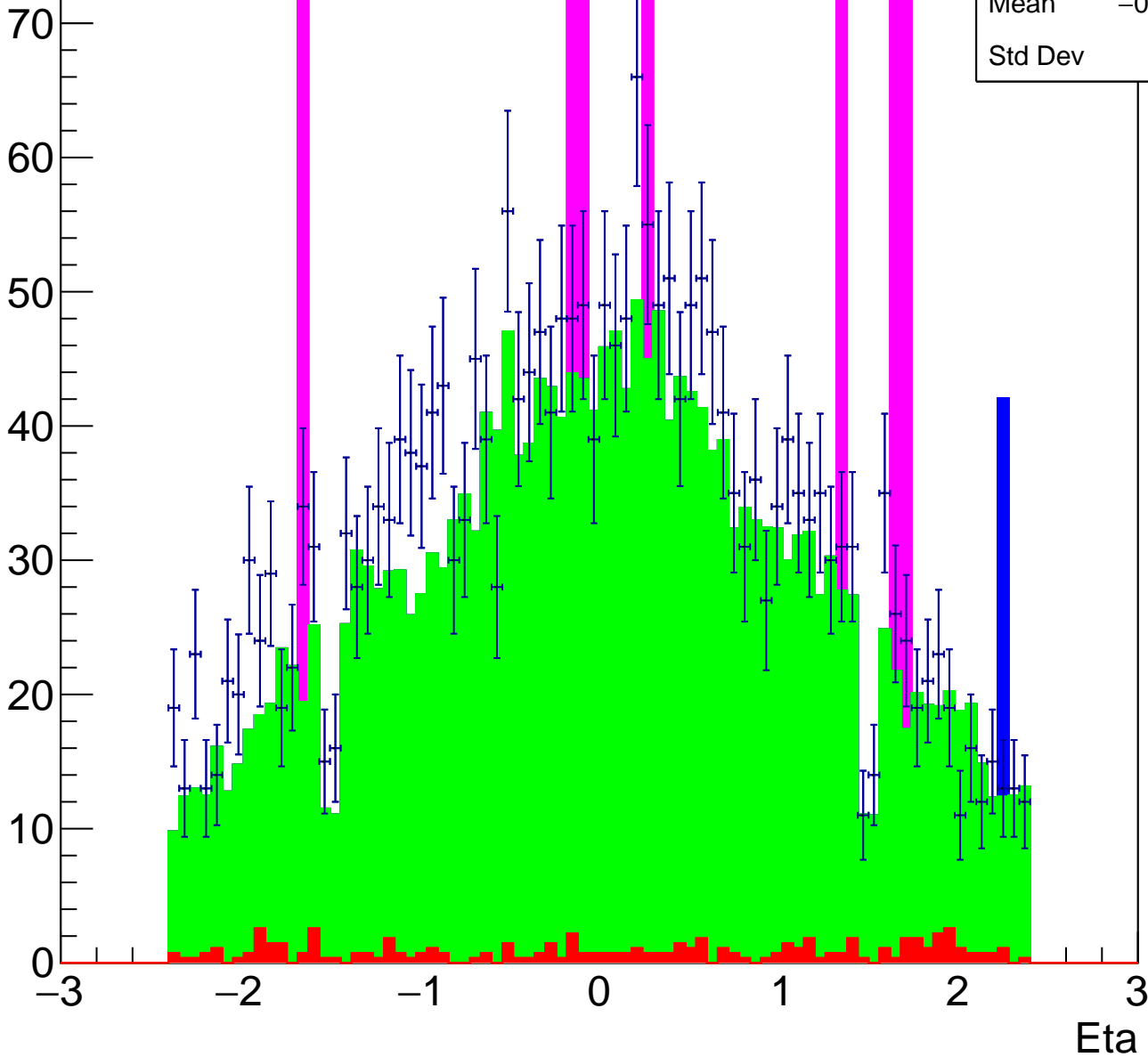
Events

2018\_Mu\_Data\_leading\_isolated\_electron\_eta\_nominal

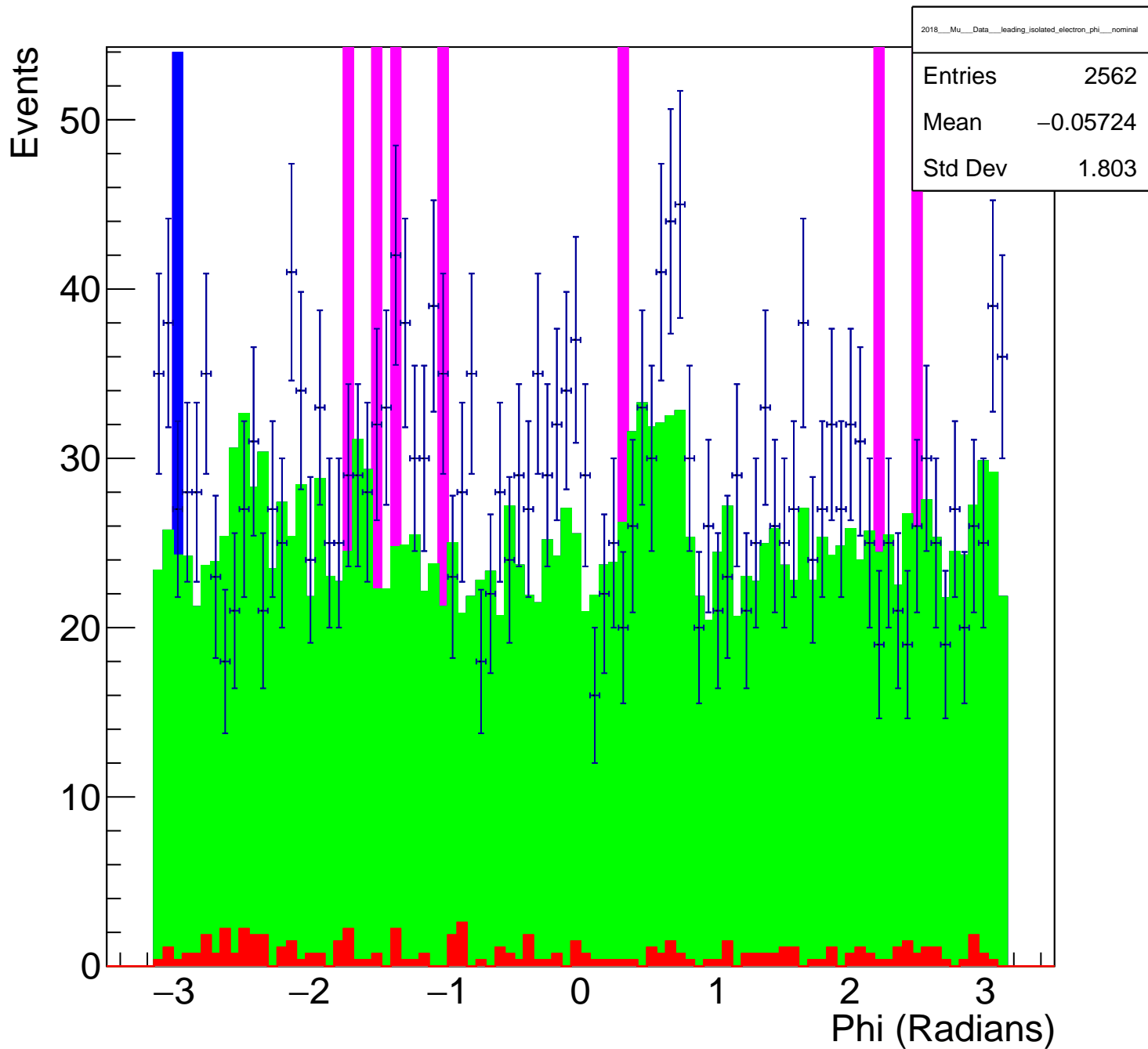
Entries 2562

Mean  $-0.04454$

Std Dev 1.154

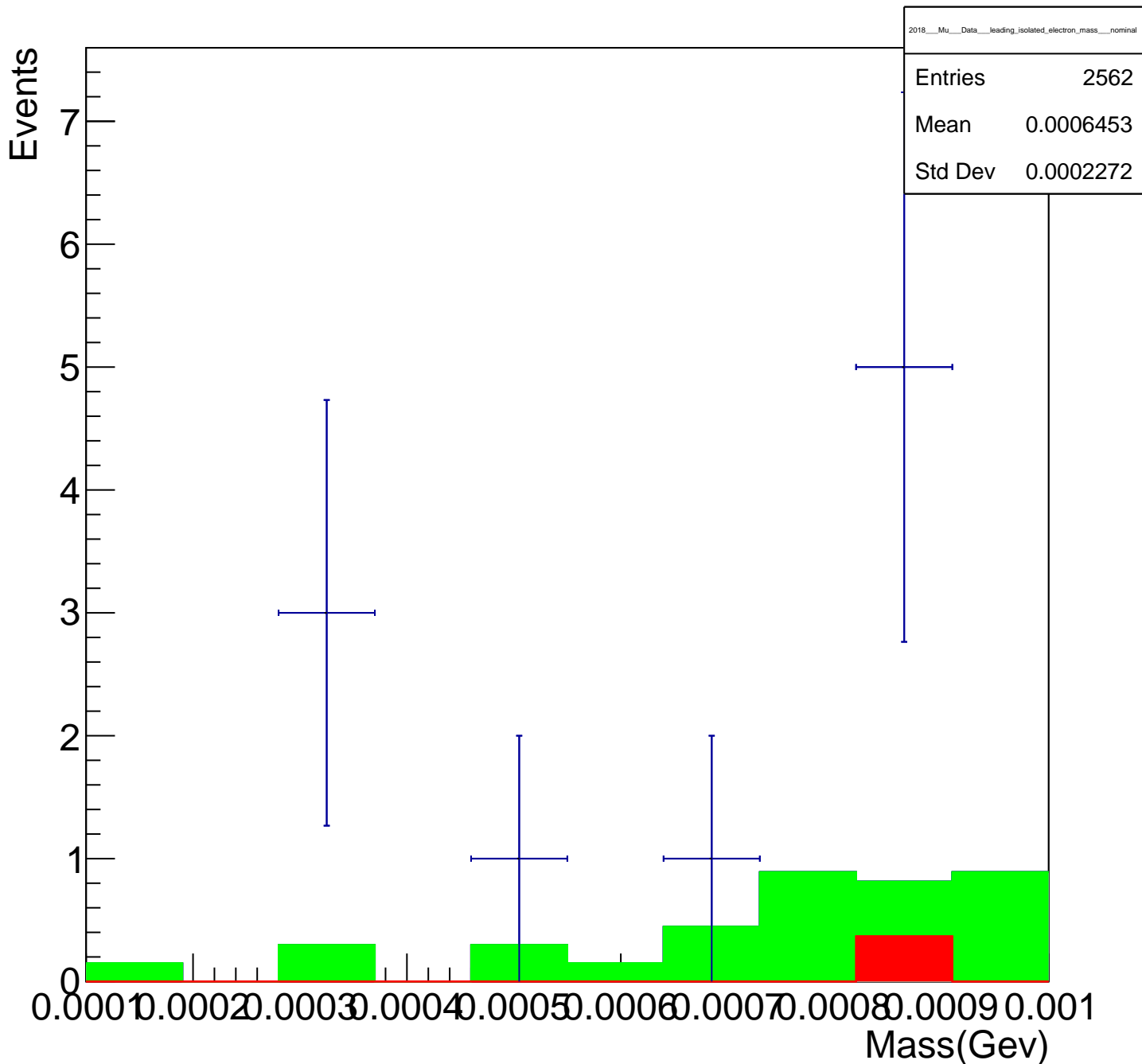


# Leading Isolated Electron Angle

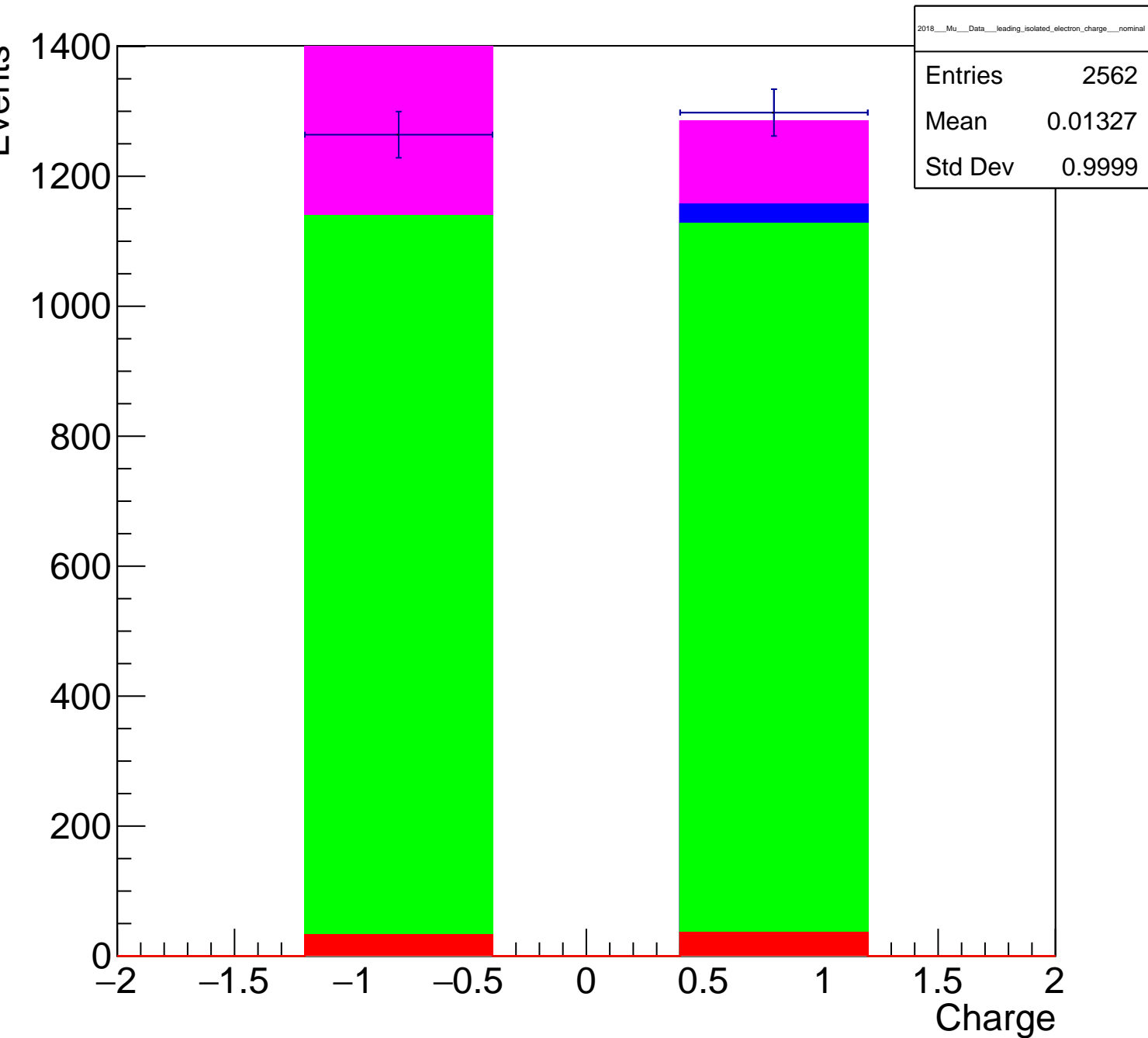




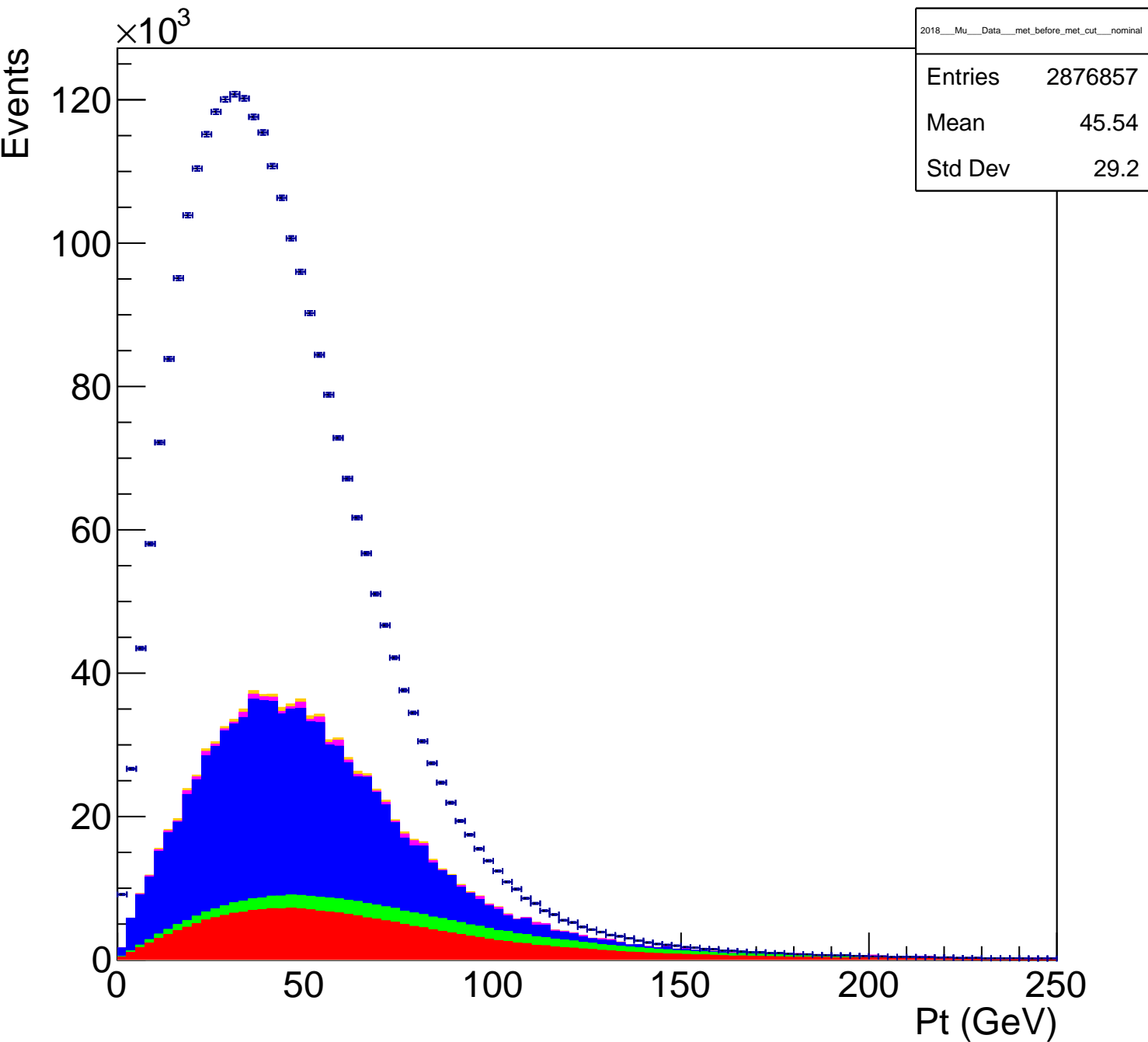
# Leading Isolated Electron Mass



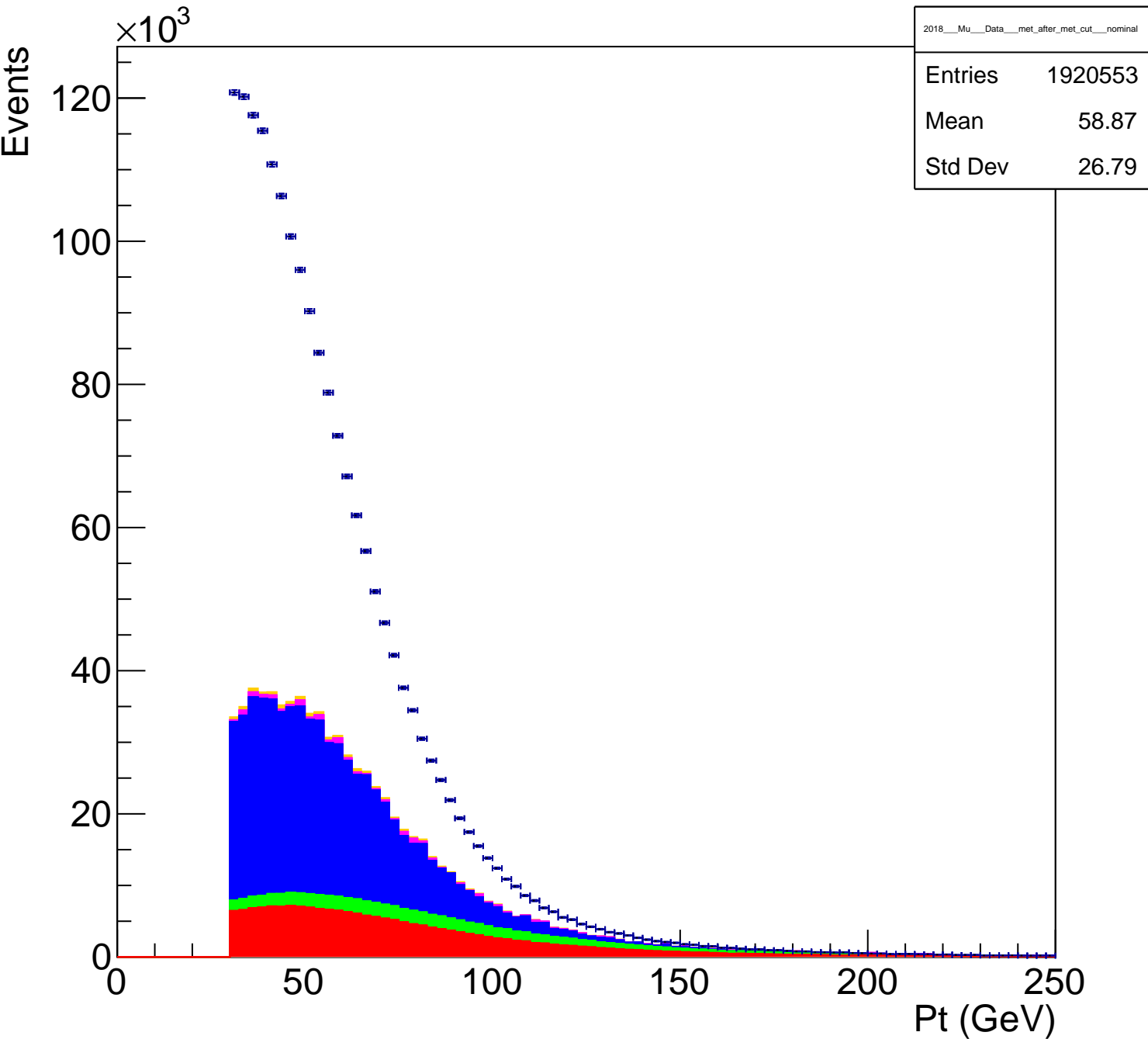
# Leading Isolated Electron Charge



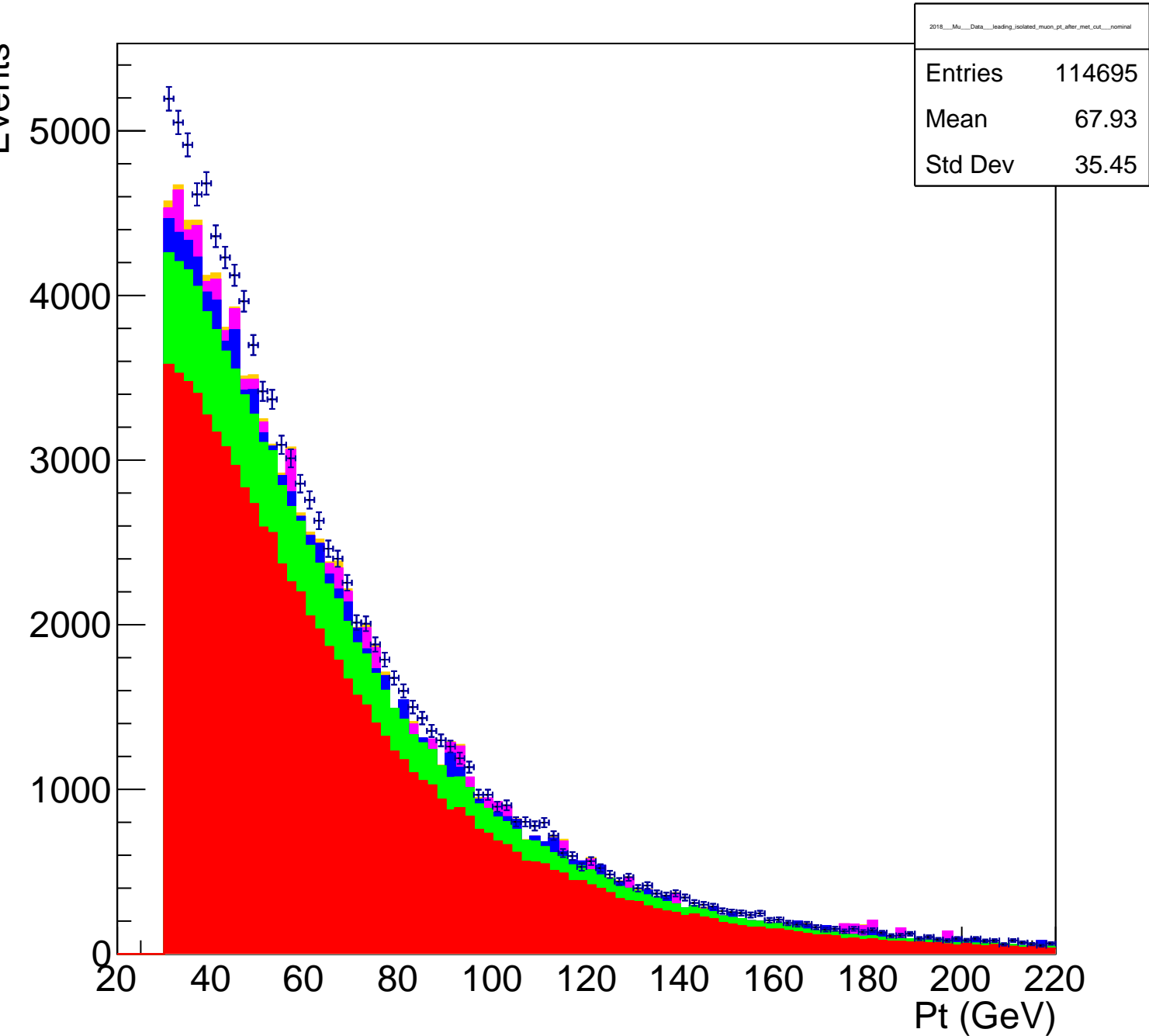
# MET Before MET Cut



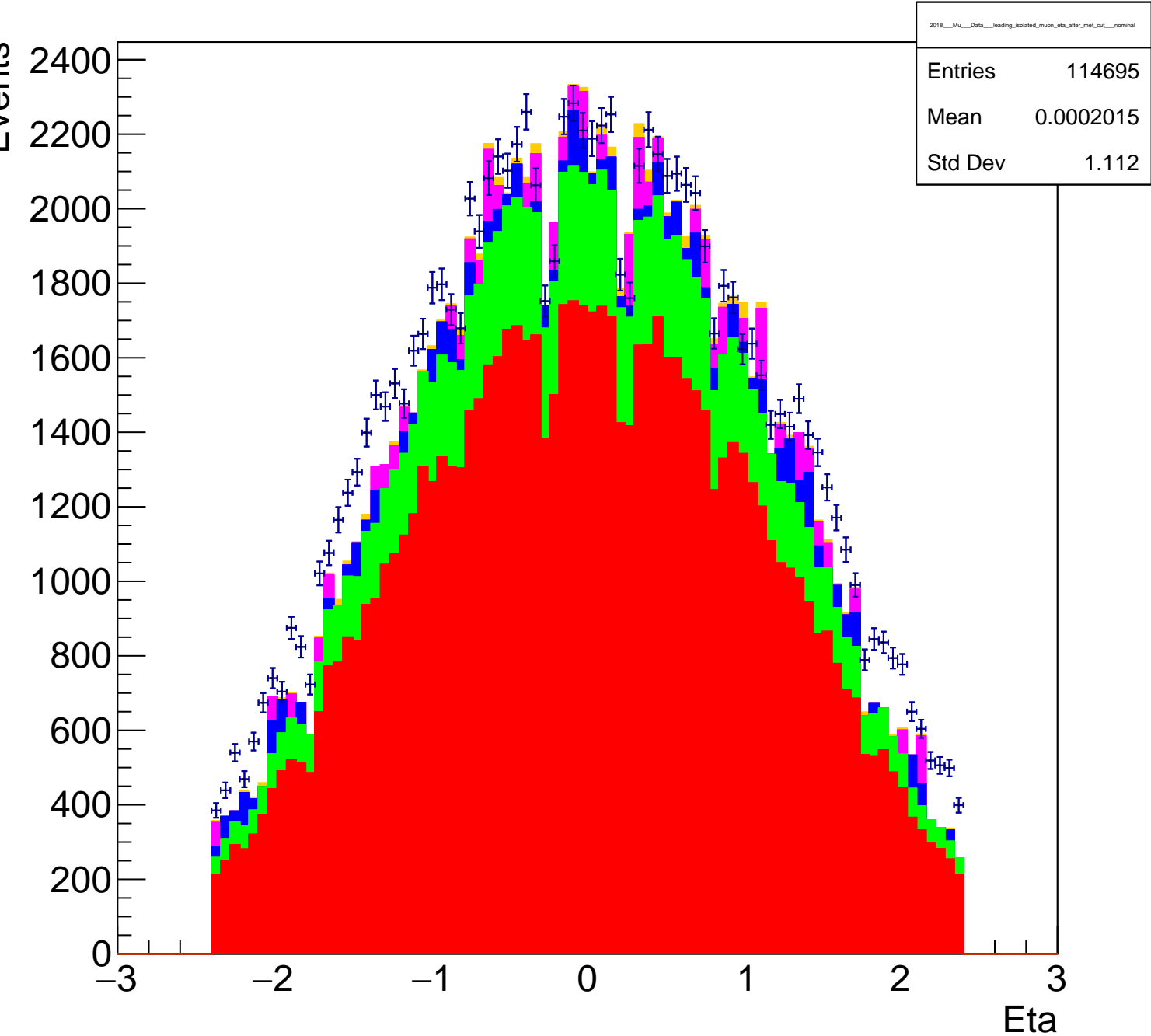
# MET After MET Cut



Leading Isolated Muon Transverse Momentum After MET Cut

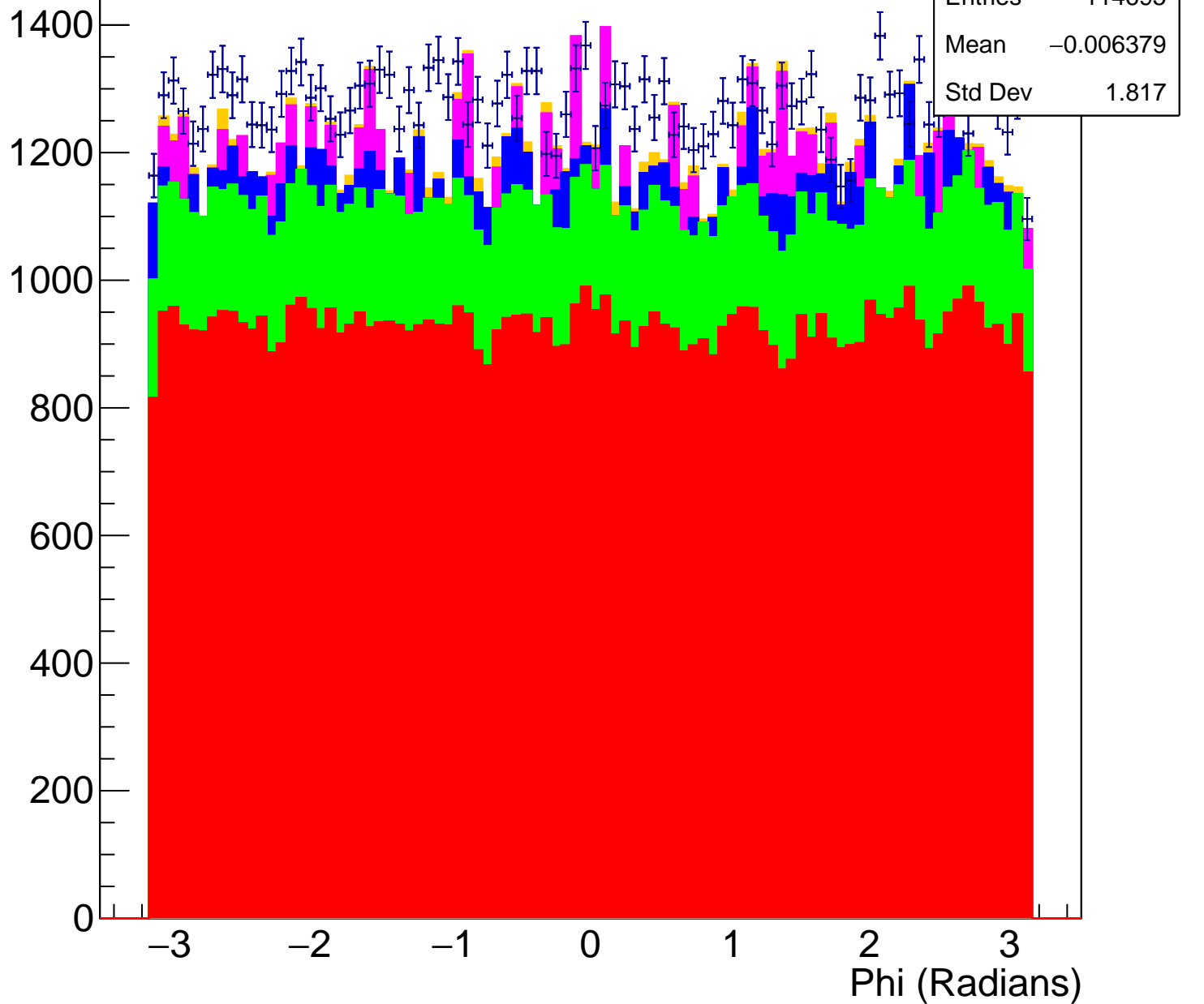


Leading Isolated Muon Pseudorapidity After MET Cut

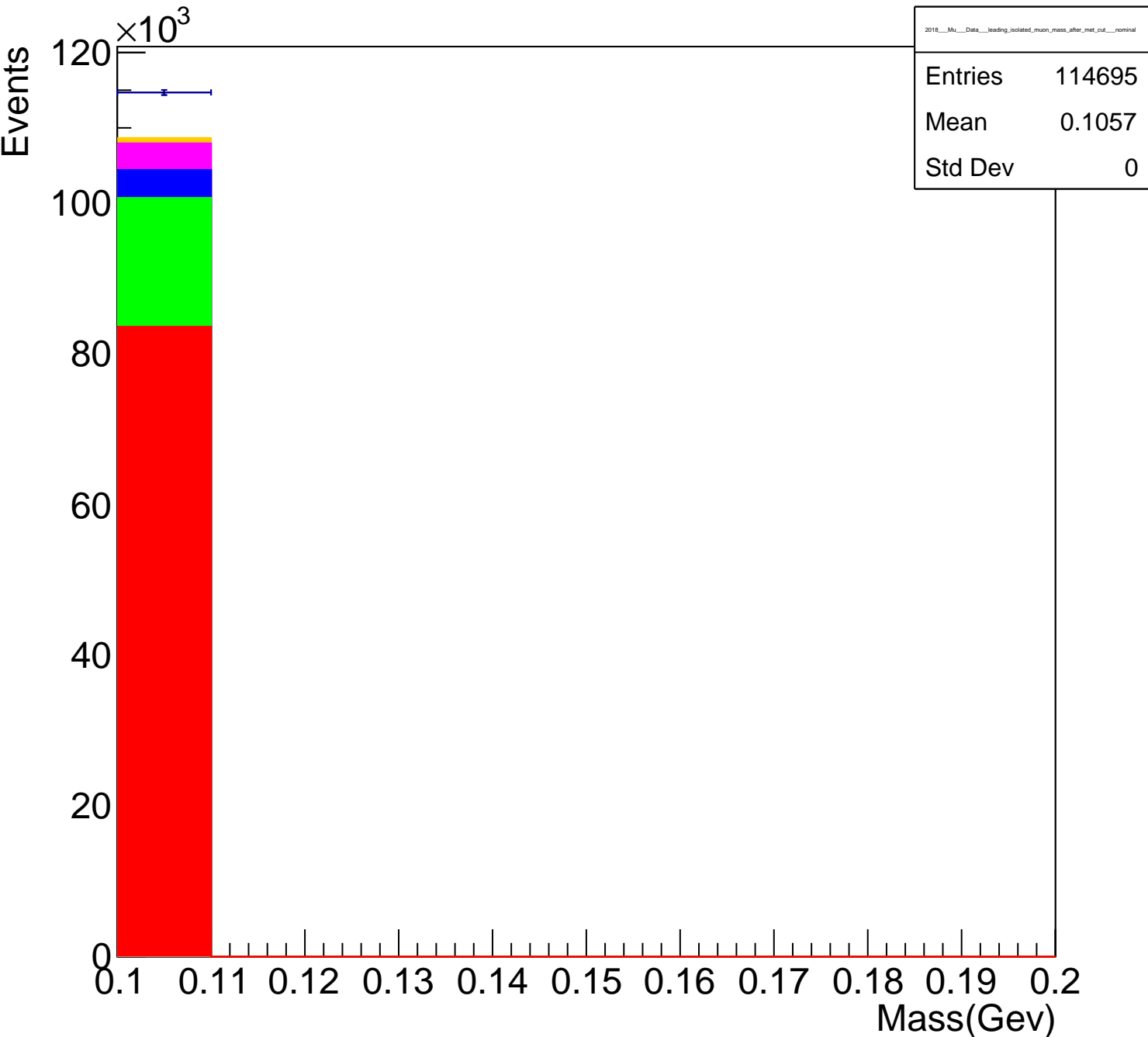


# Leading Isolated Muon Angle After MET Cut

Events

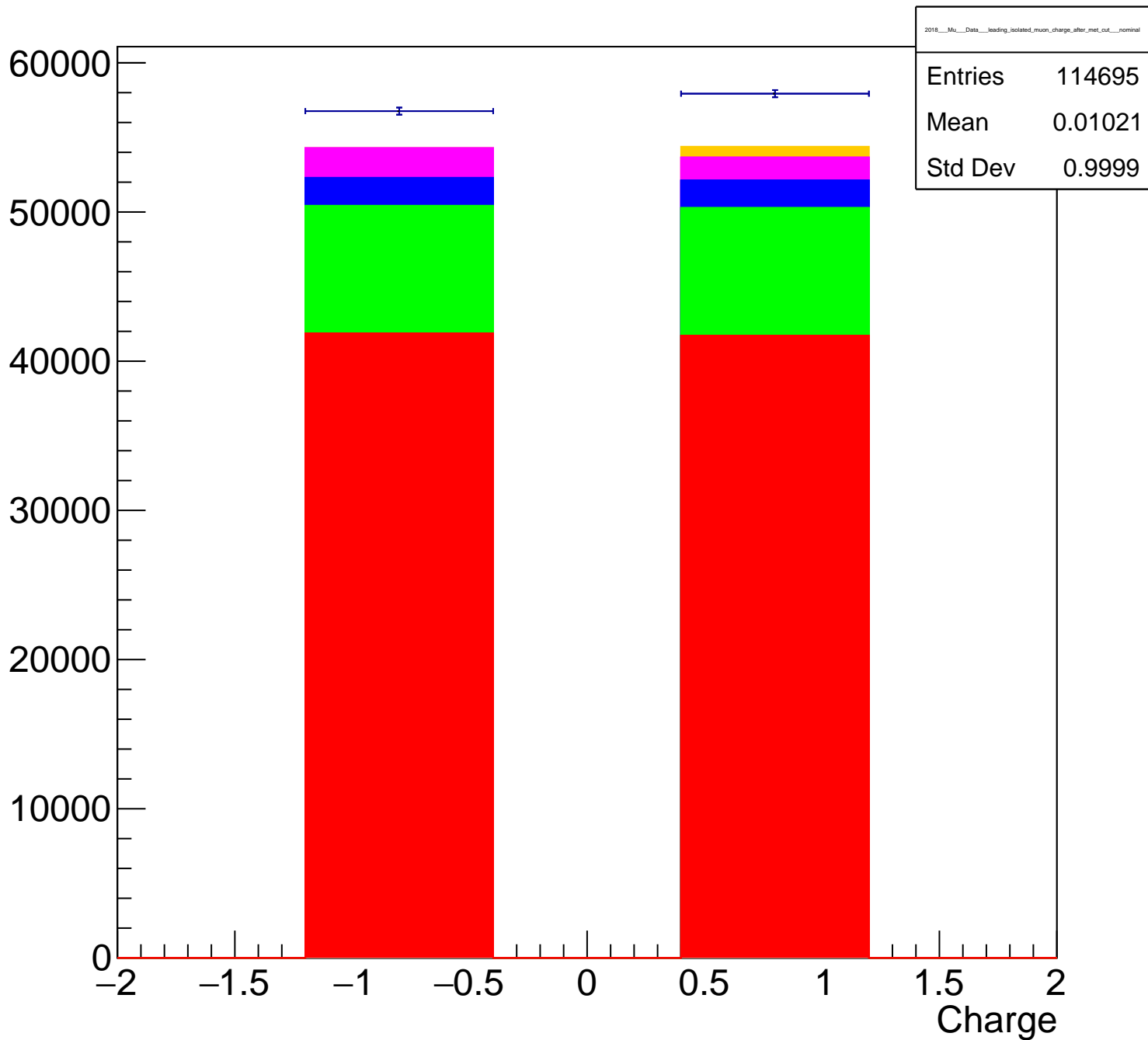


# Leading Isolated Muon Mass After MET Cut



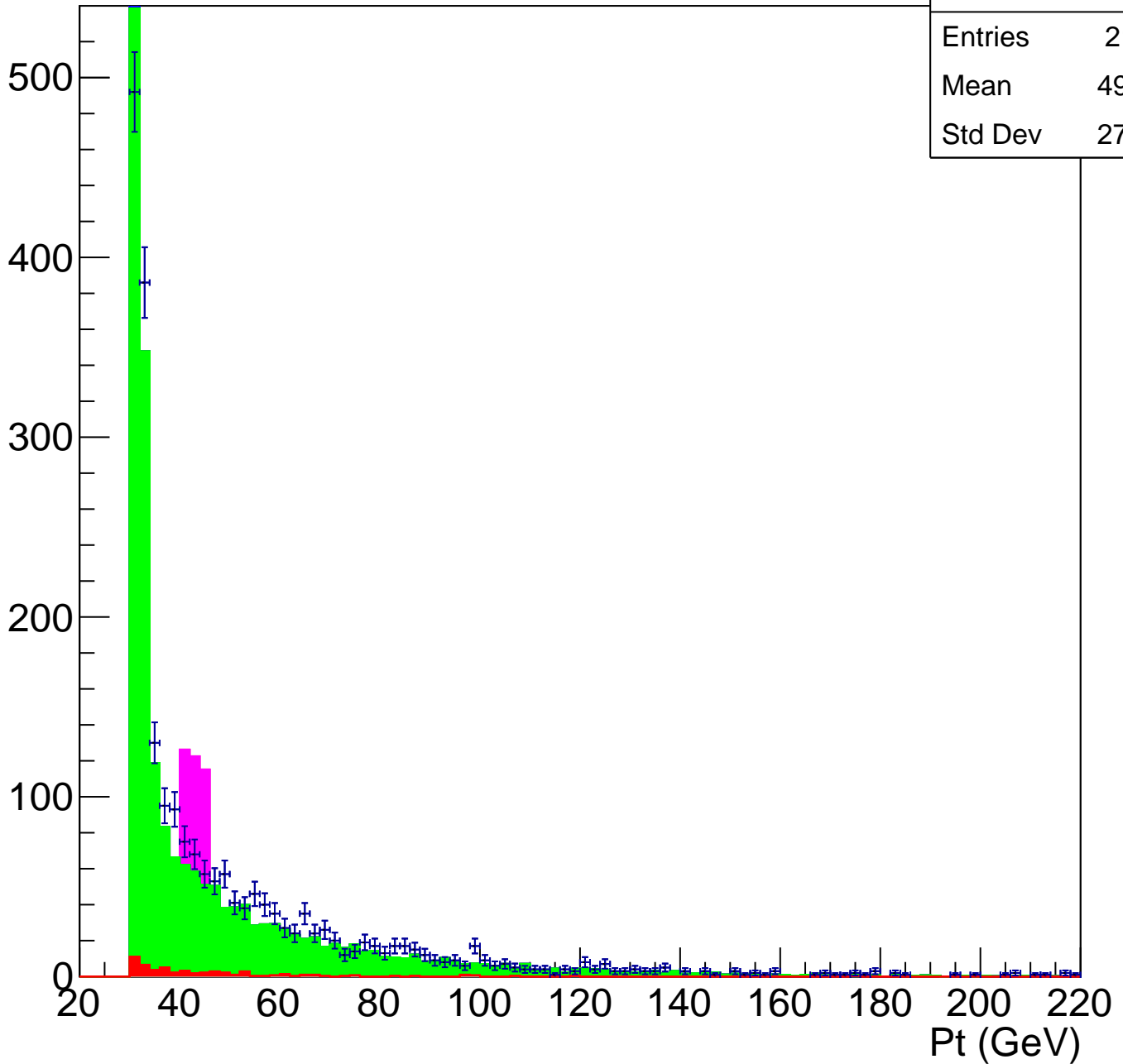


# Leading Isolated Muon Charge After MET Cut



# 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

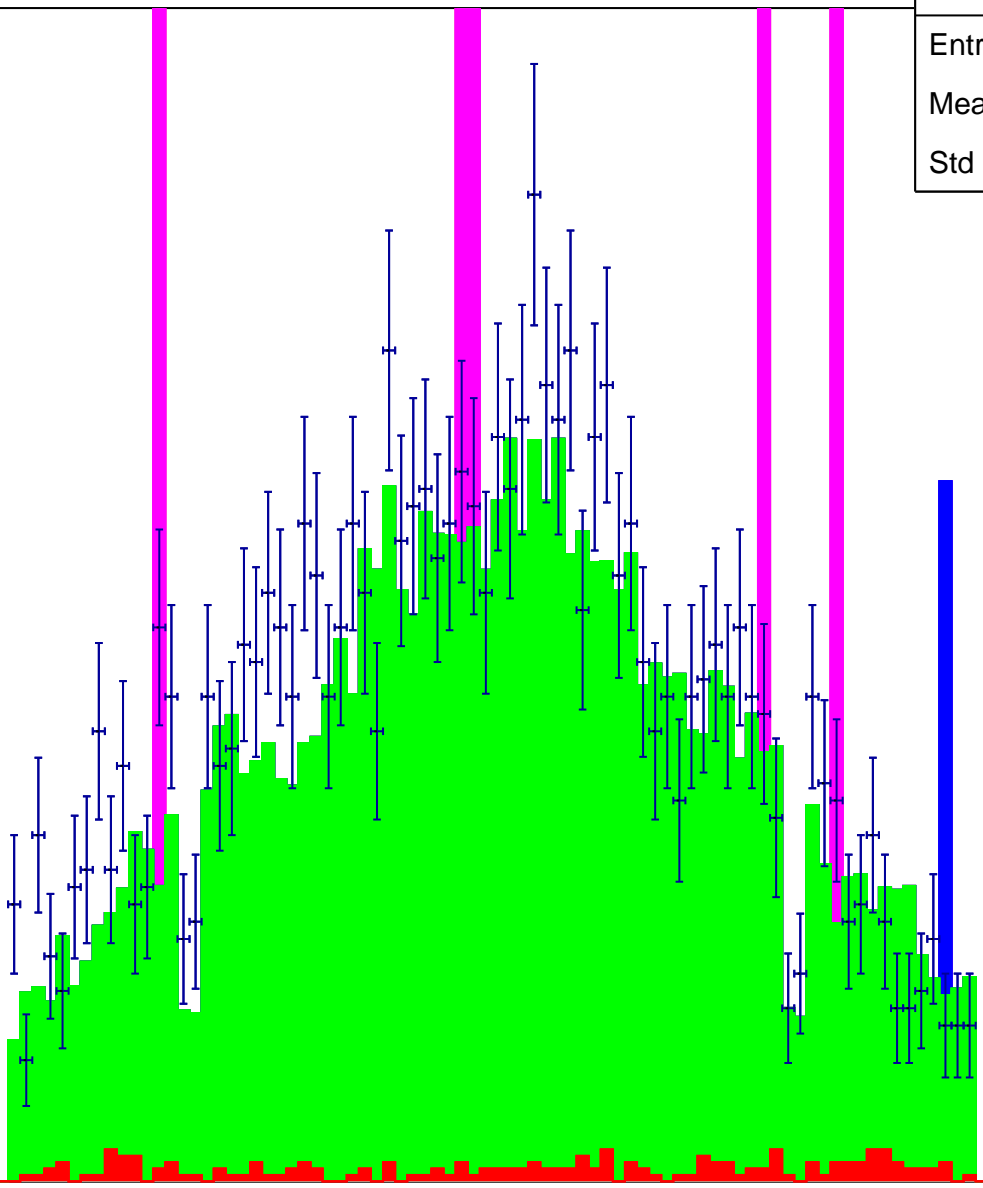
1

2

3

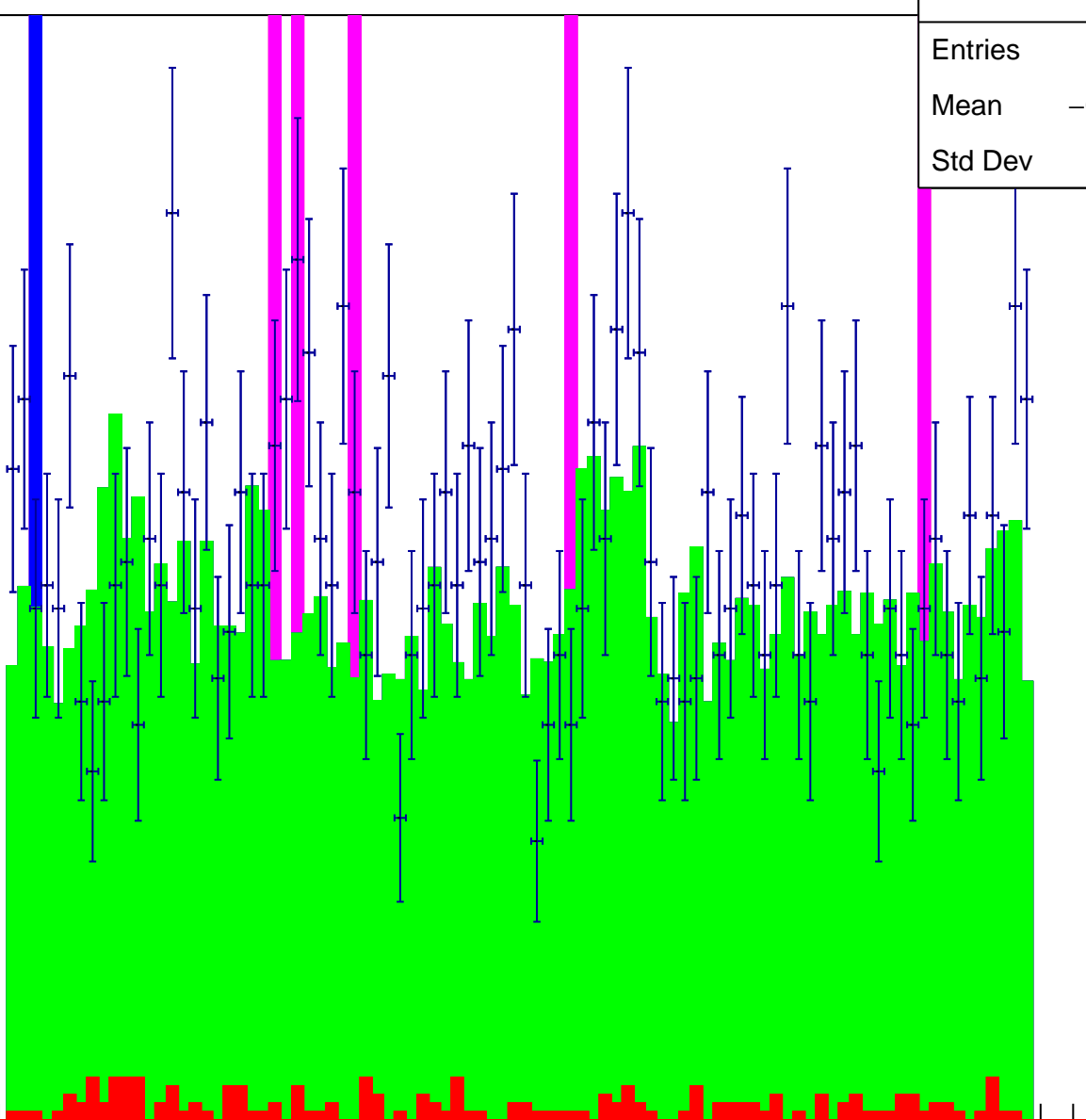
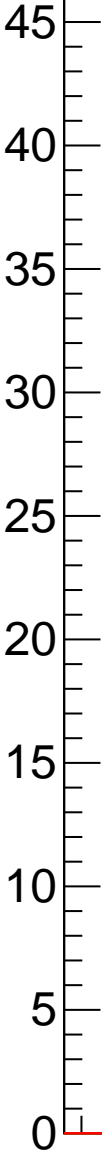
Eta

2018_Mu_Data_leading_isolated_electron_eta_after_met_cut_nominal	
Entries	2187
Mean	-0.05917
Std Dev	1.141



# Leading Isolated Electron Angle After MET Cut

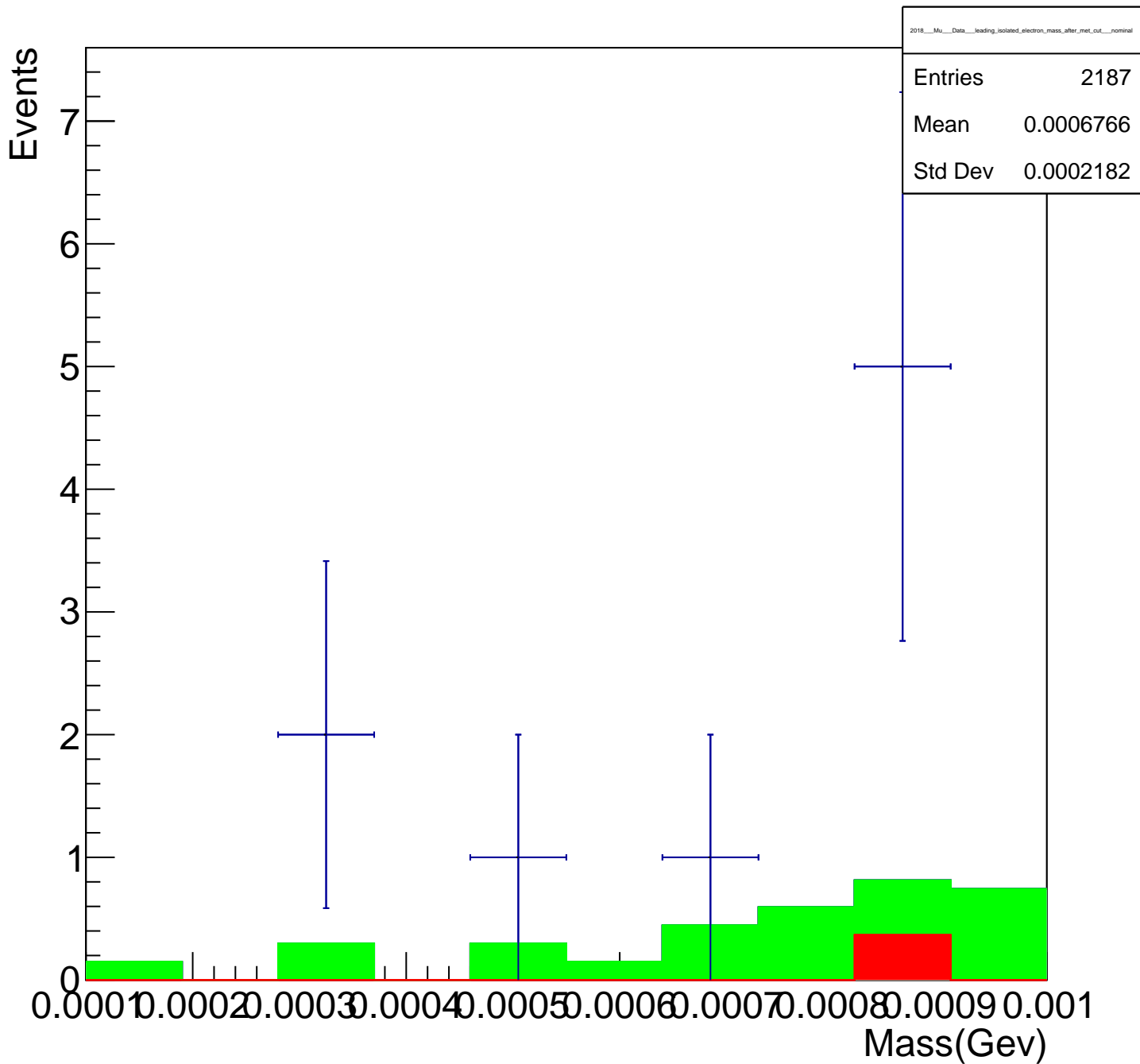
Events



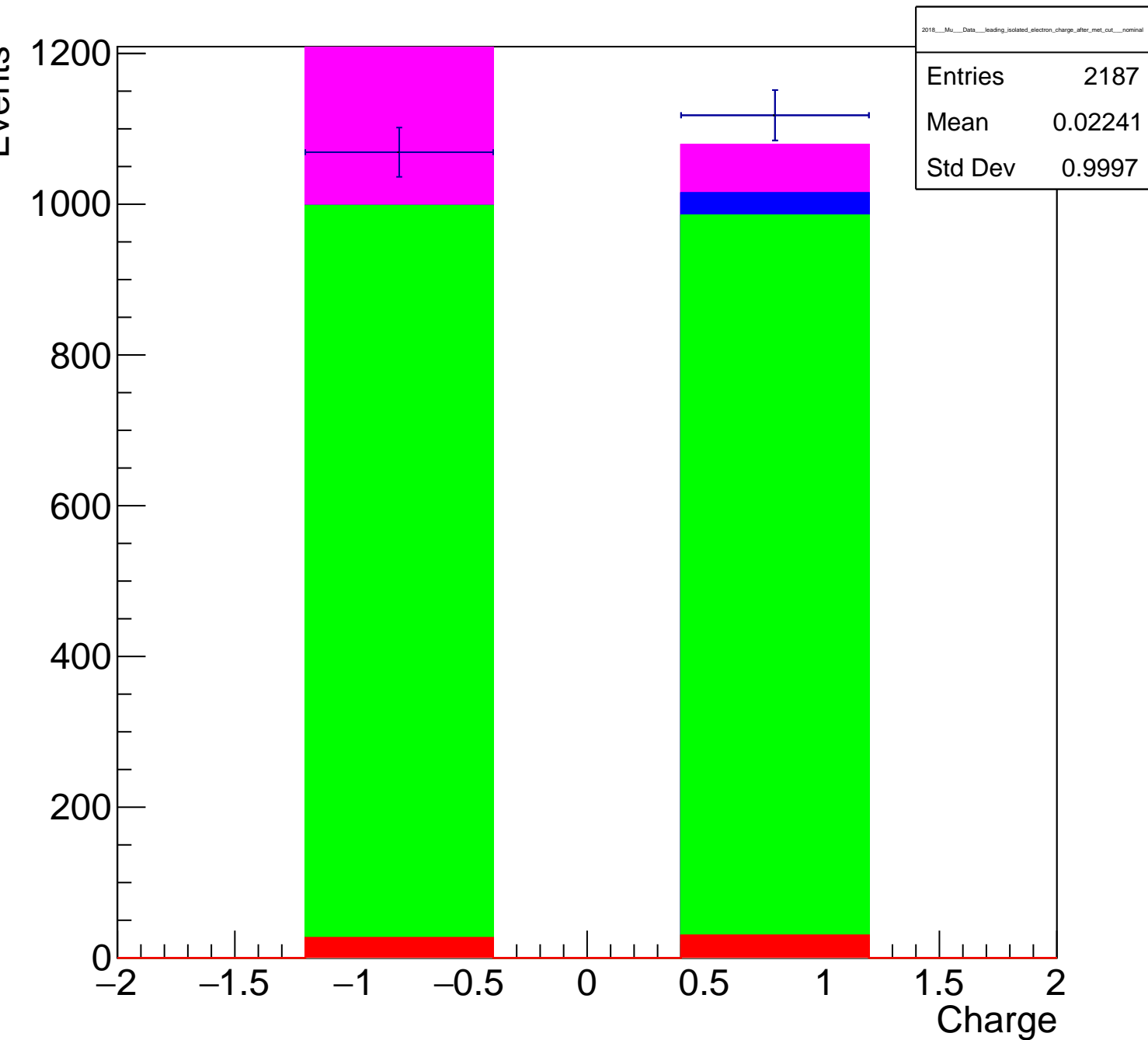
2018_Mu_Data_leading_isolated_electron_phi_after_met_cut_nominal	
Entries	2187
Mean	-0.03825
Std Dev	1.811

Phi (Radians)

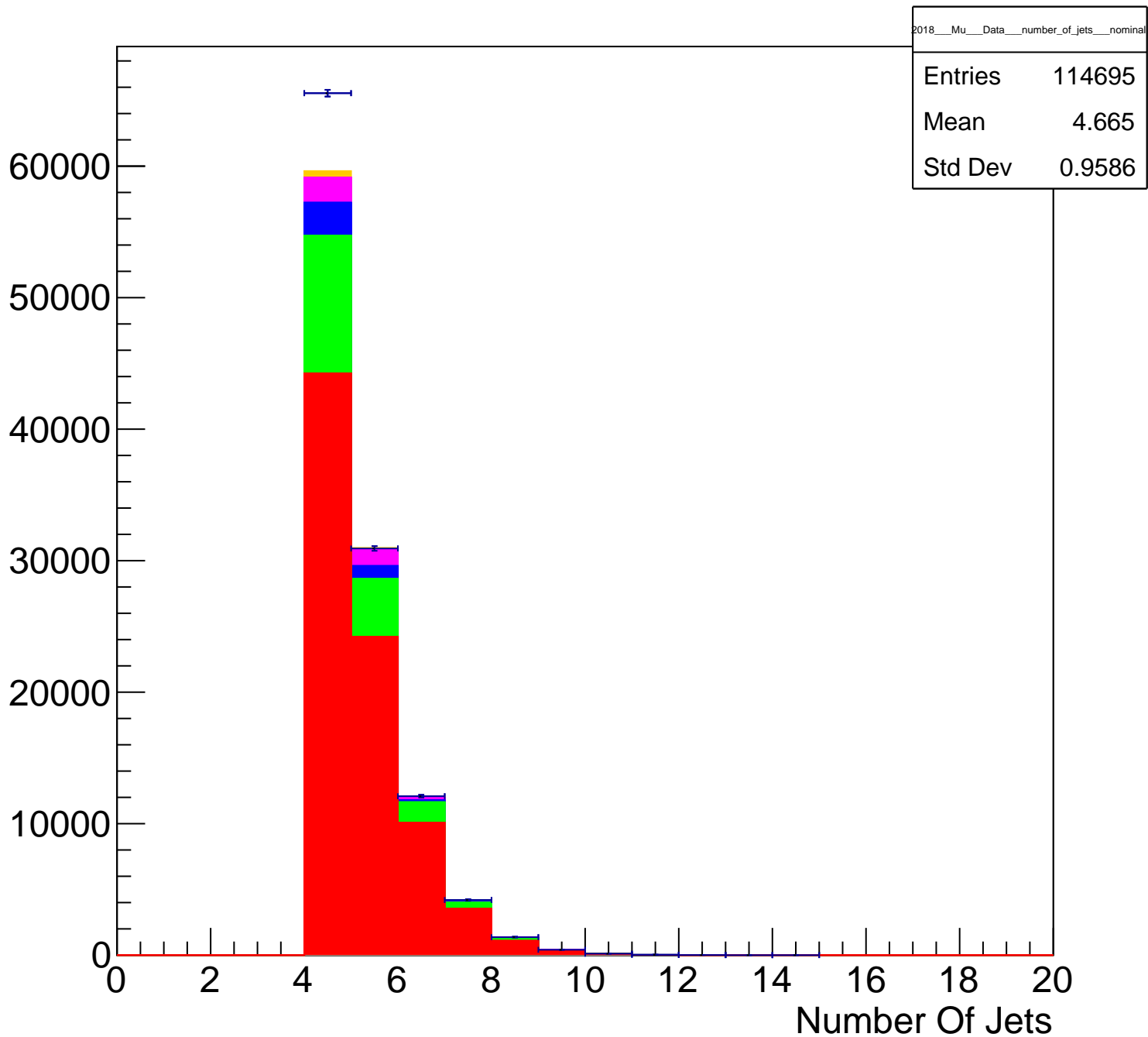
# Leading Isolated Electron Mass After MET Cut



# Leading Isolated Electron Charge After MET Cut



# Number of Jets



# Jet Transverse Momentum for Leading Jet

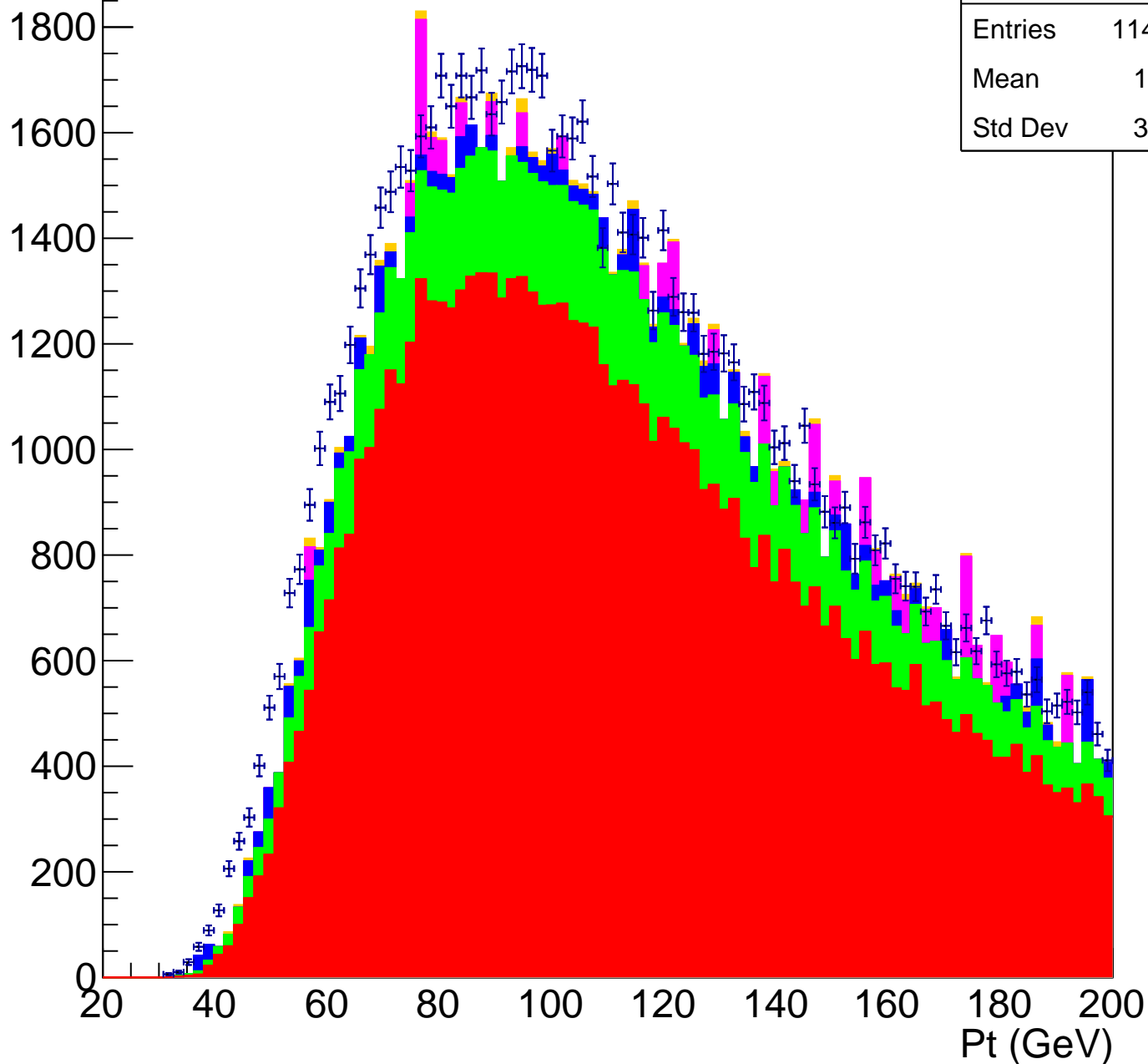
Events

2018\_Mu\_Data\_jet1\_pt\_nominal

Entries 114695

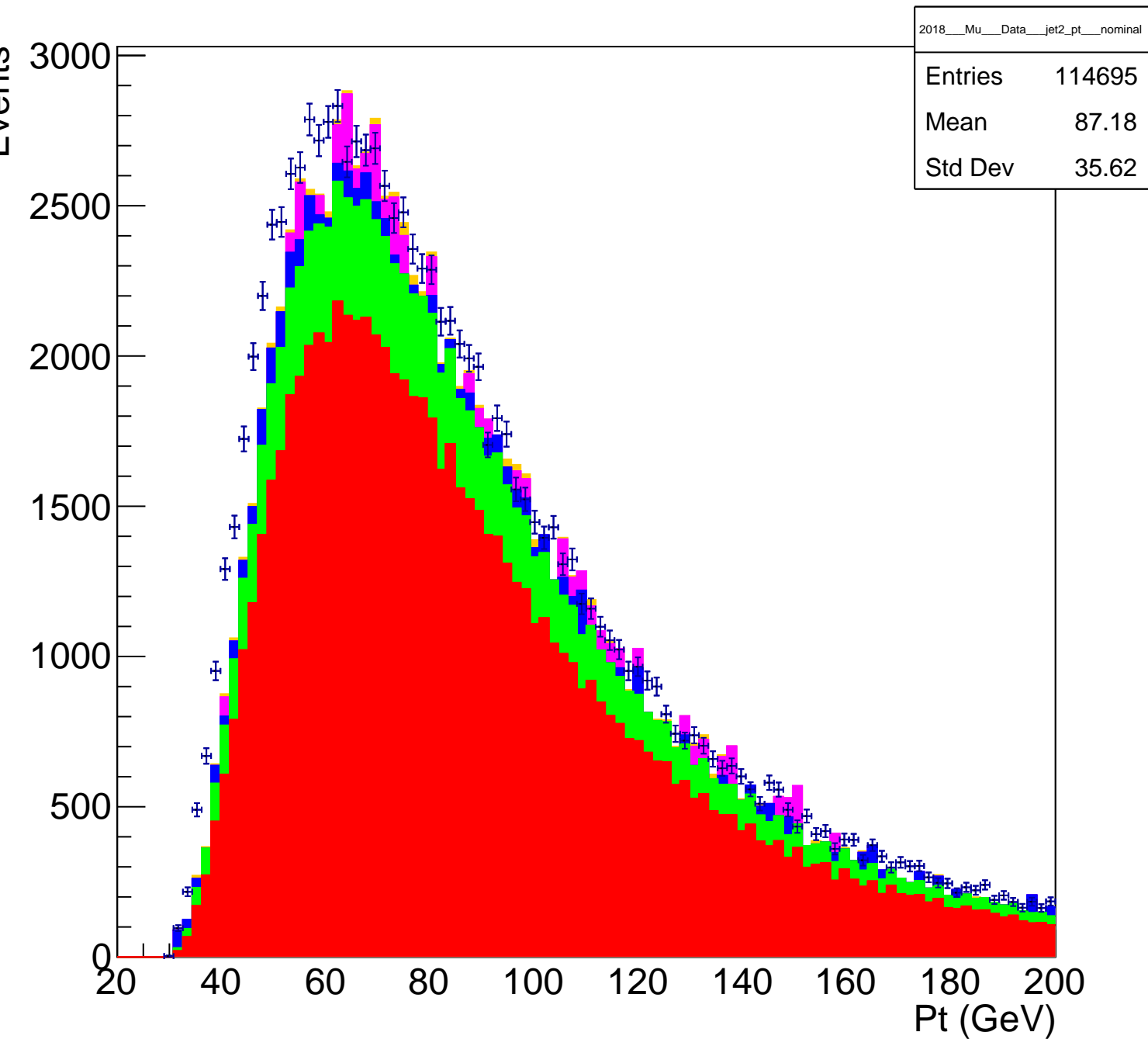
Mean 112.3

Std Dev 38.56

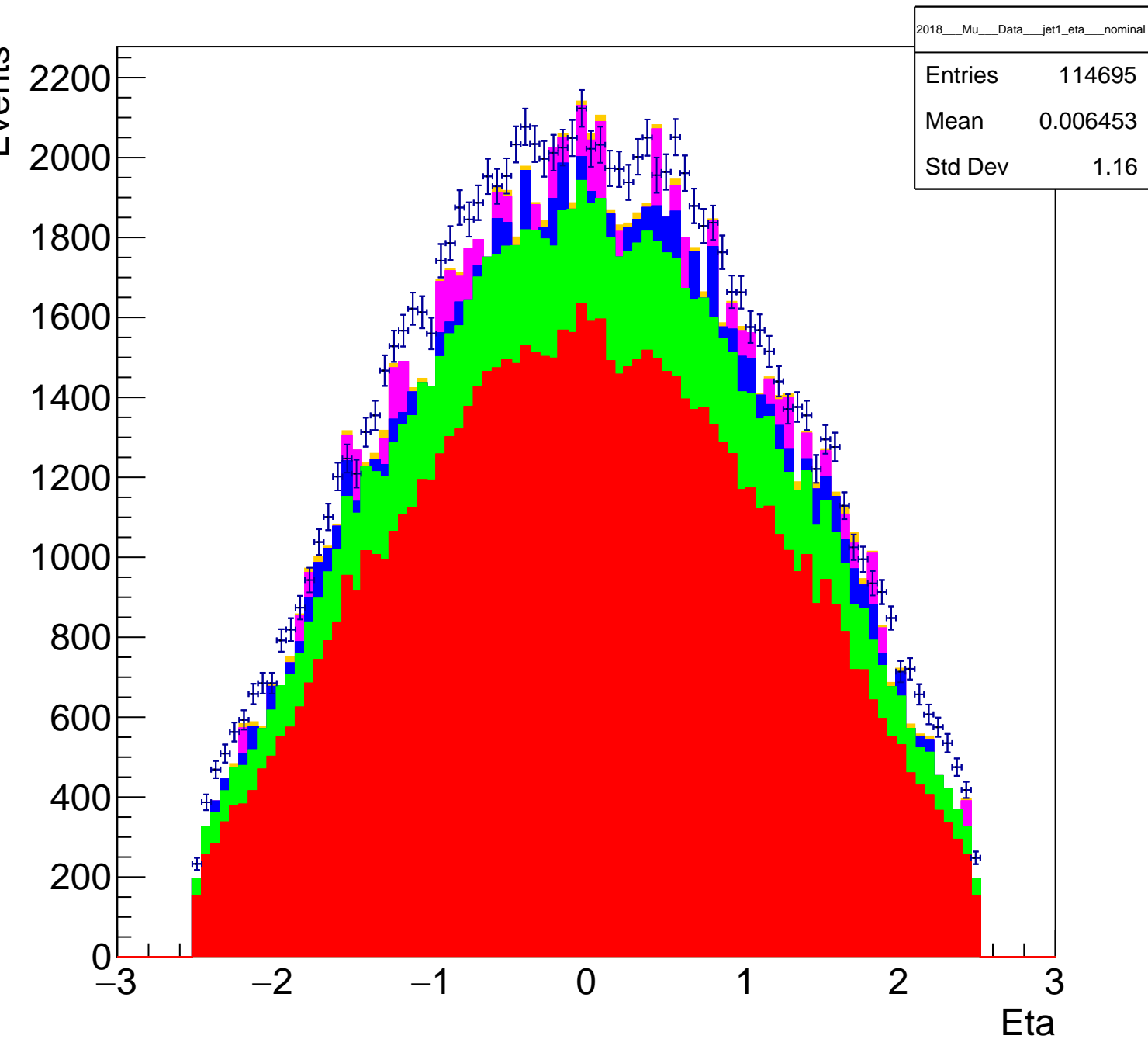




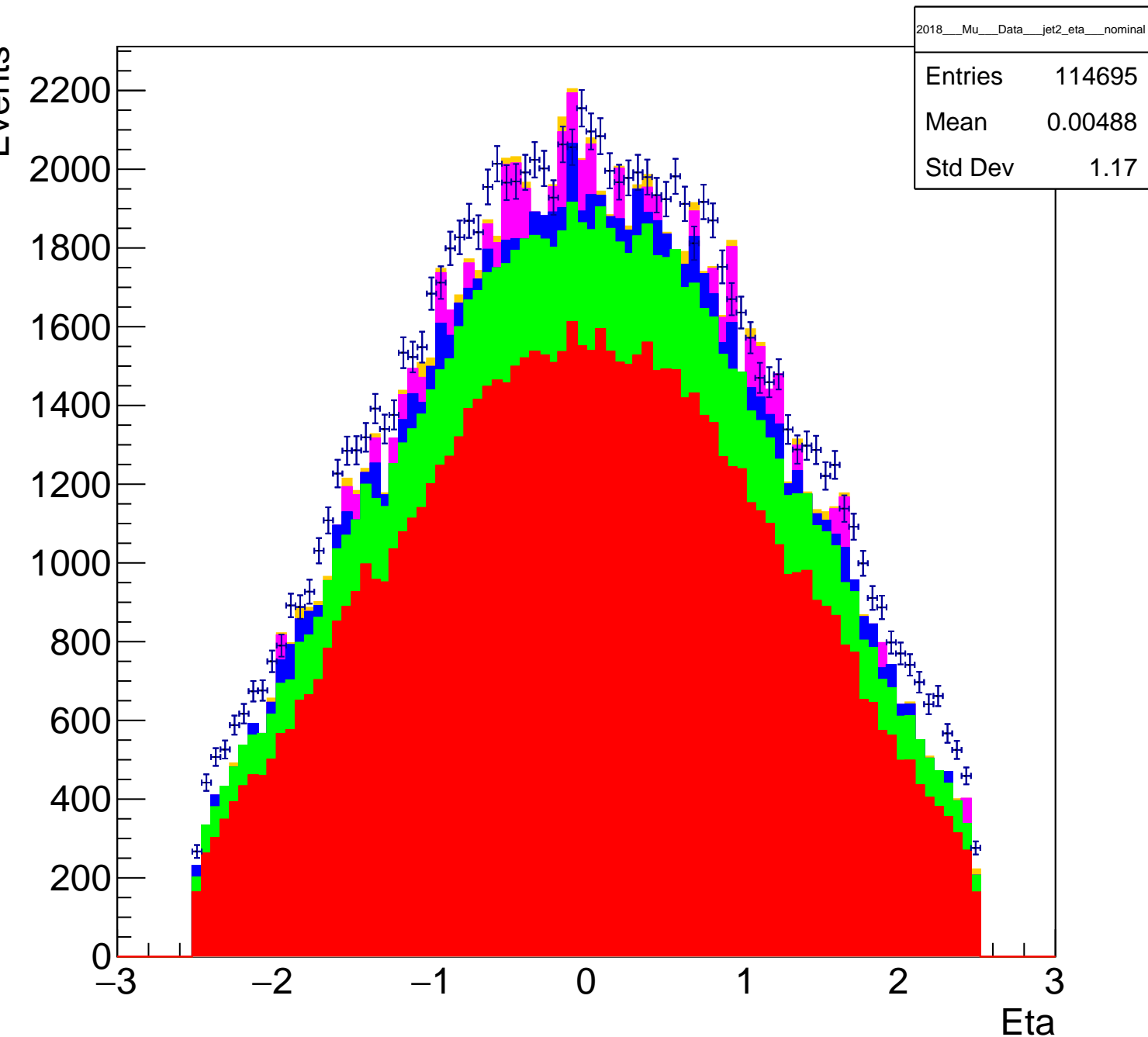
# Jet Transverse Momentum for Subleading Jet



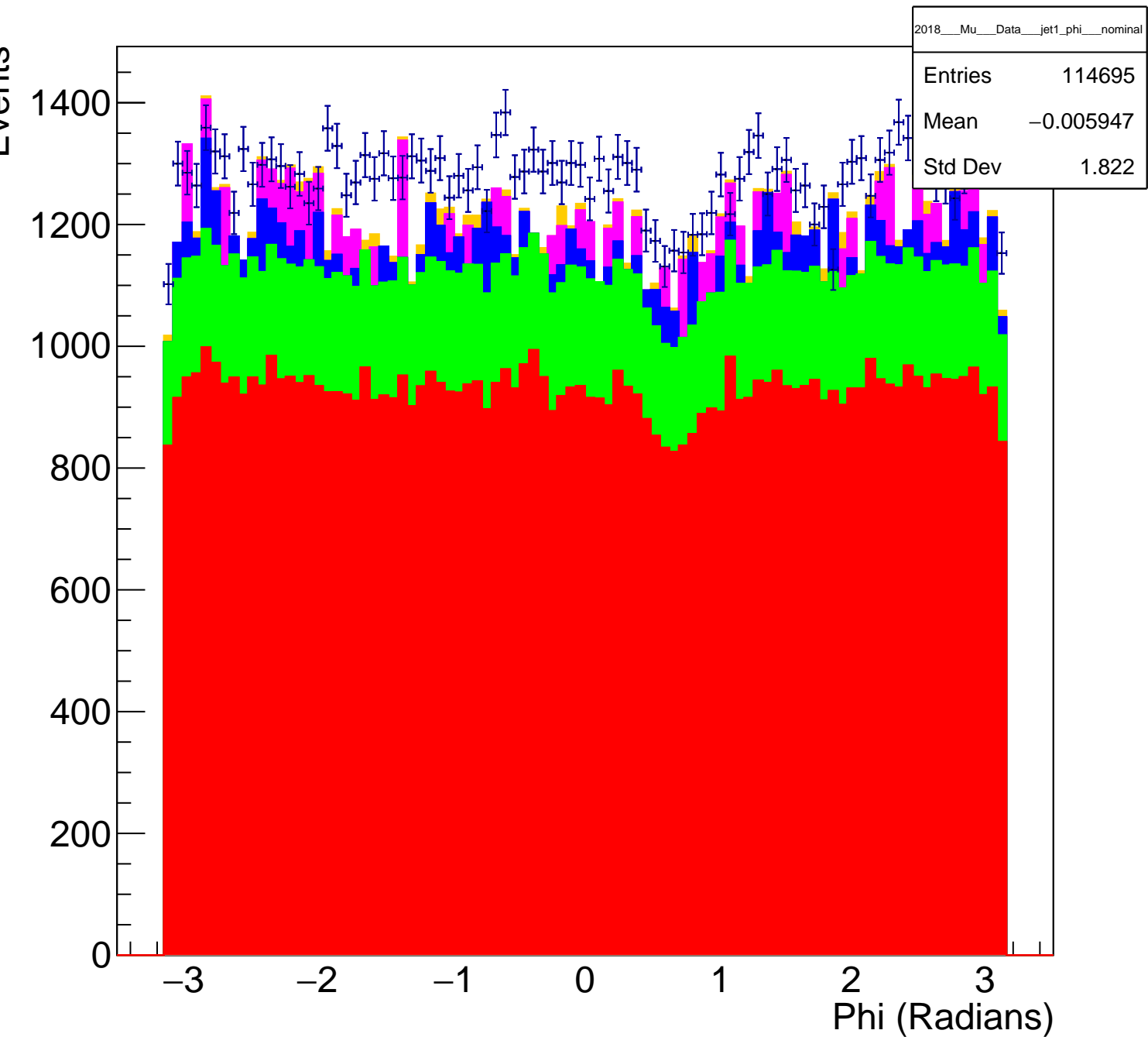
# Jet Pseudorapidity for Leading Jet



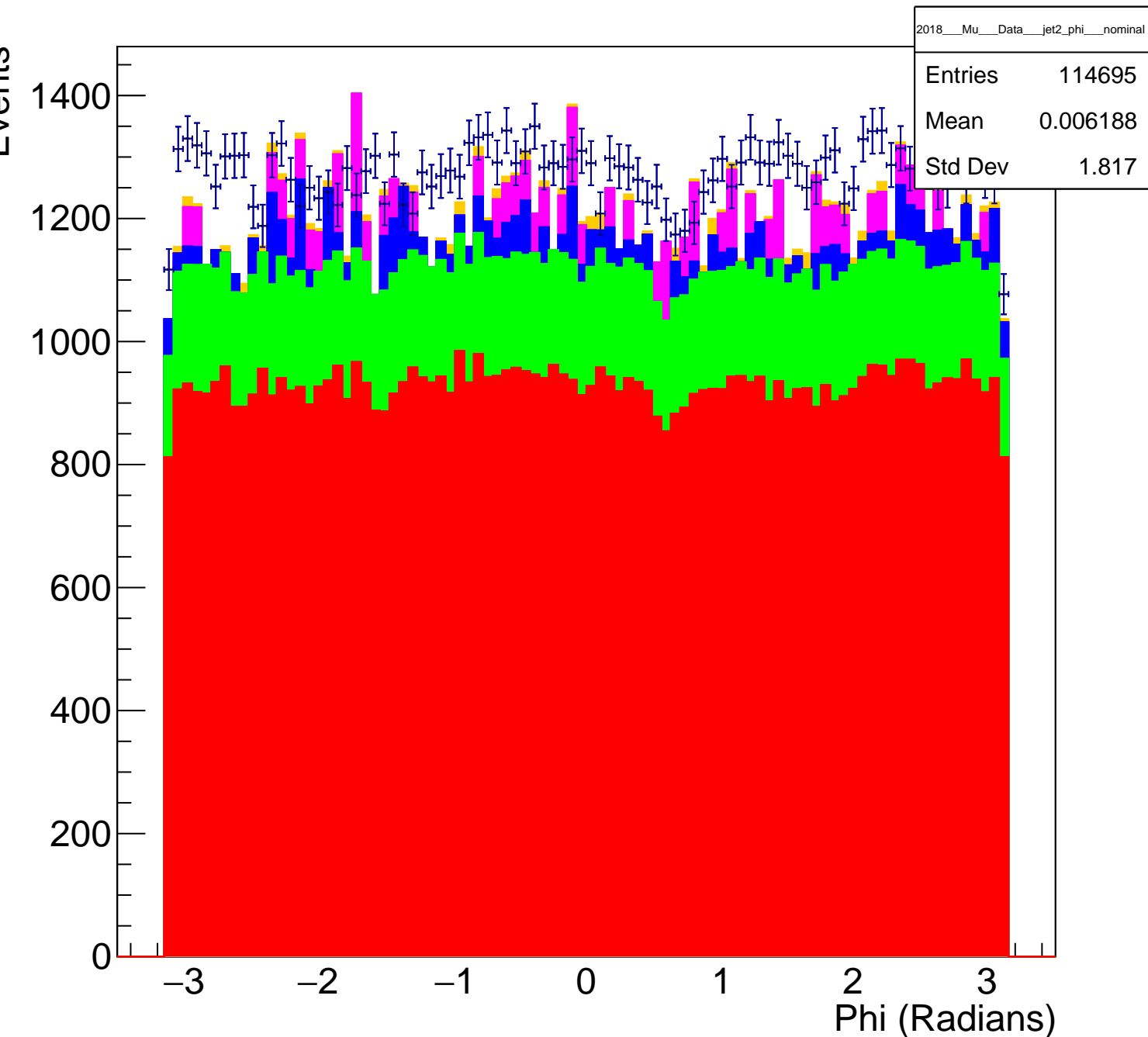
# Jet Pseudorapidity for Subleading Jet



# Jet Angle for Leading Jet

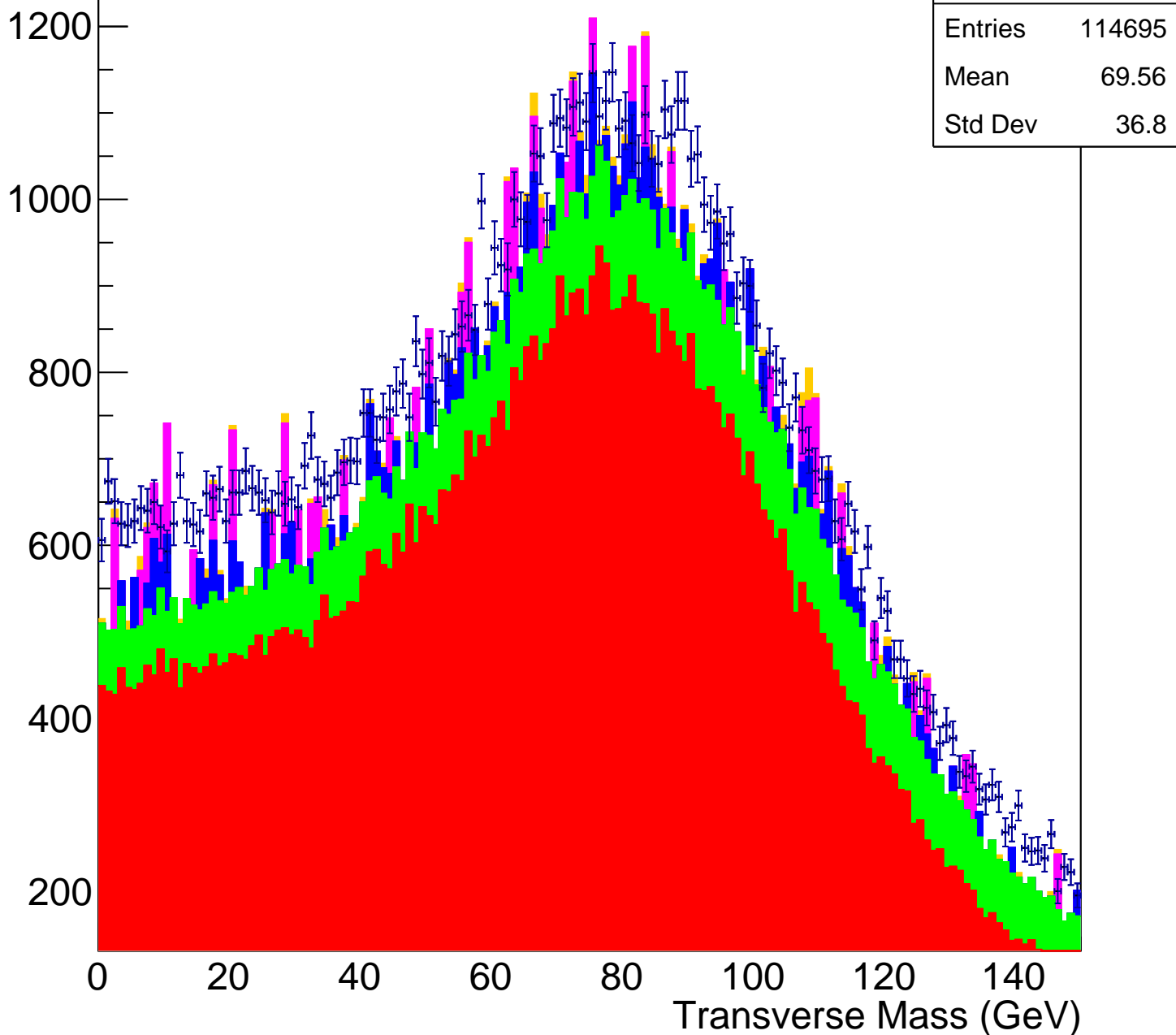


# Jet Angle for Subleading Jet



# Transverse Mass

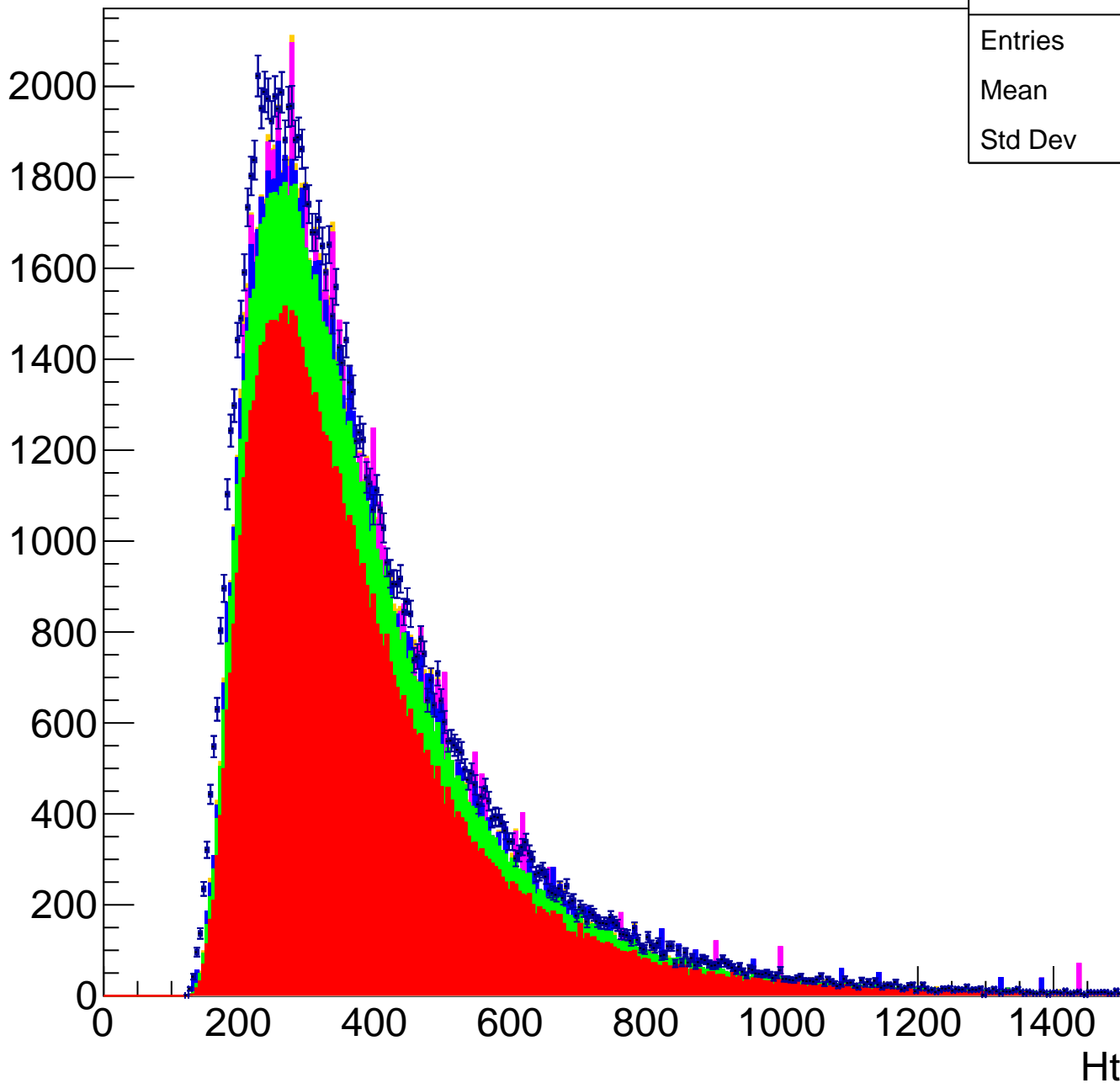
Events



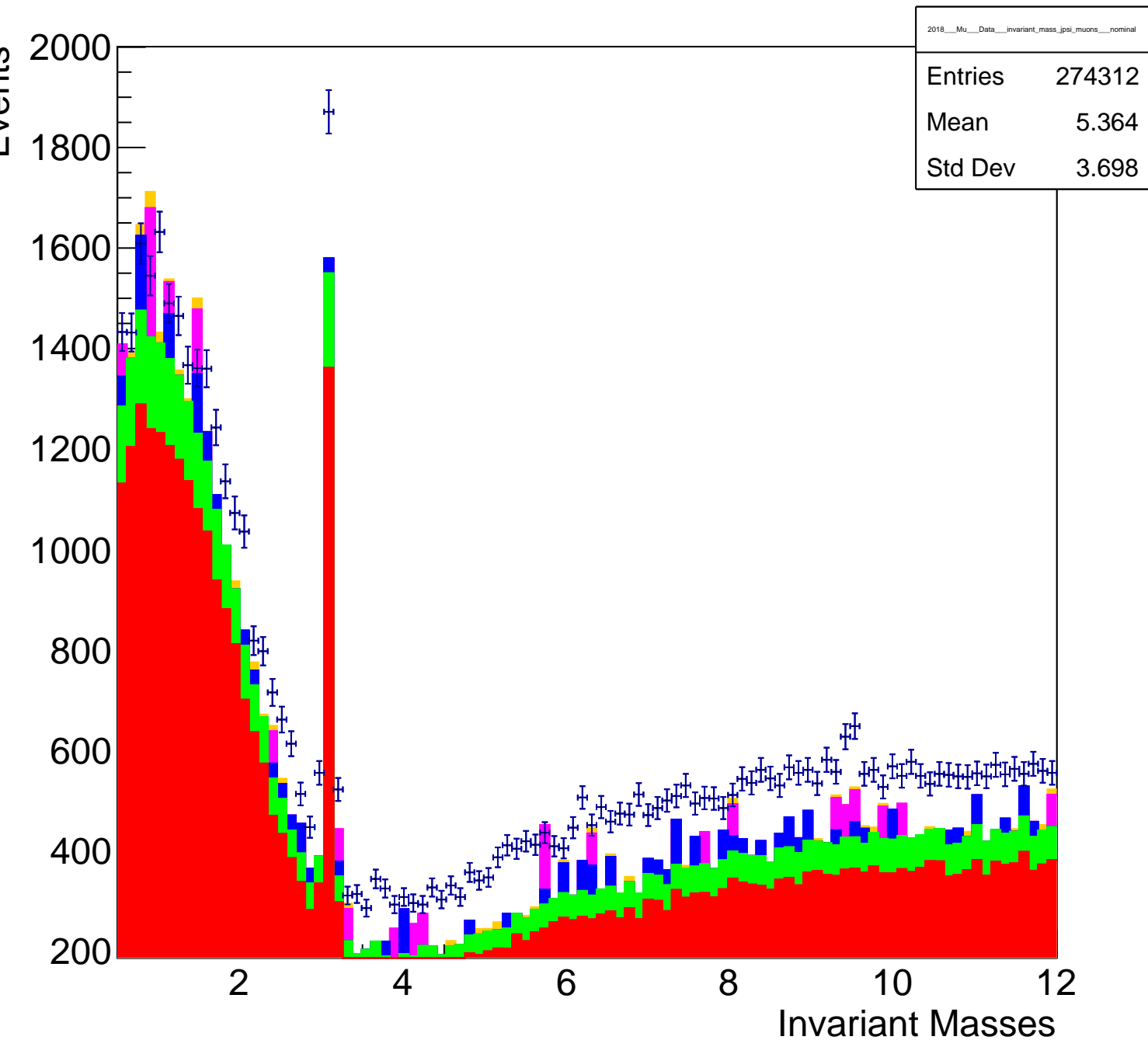
Ht

Events

2018__Mu__Data__ht__nominal	
Entries	114695
Mean	382.5
Std Dev	188.4



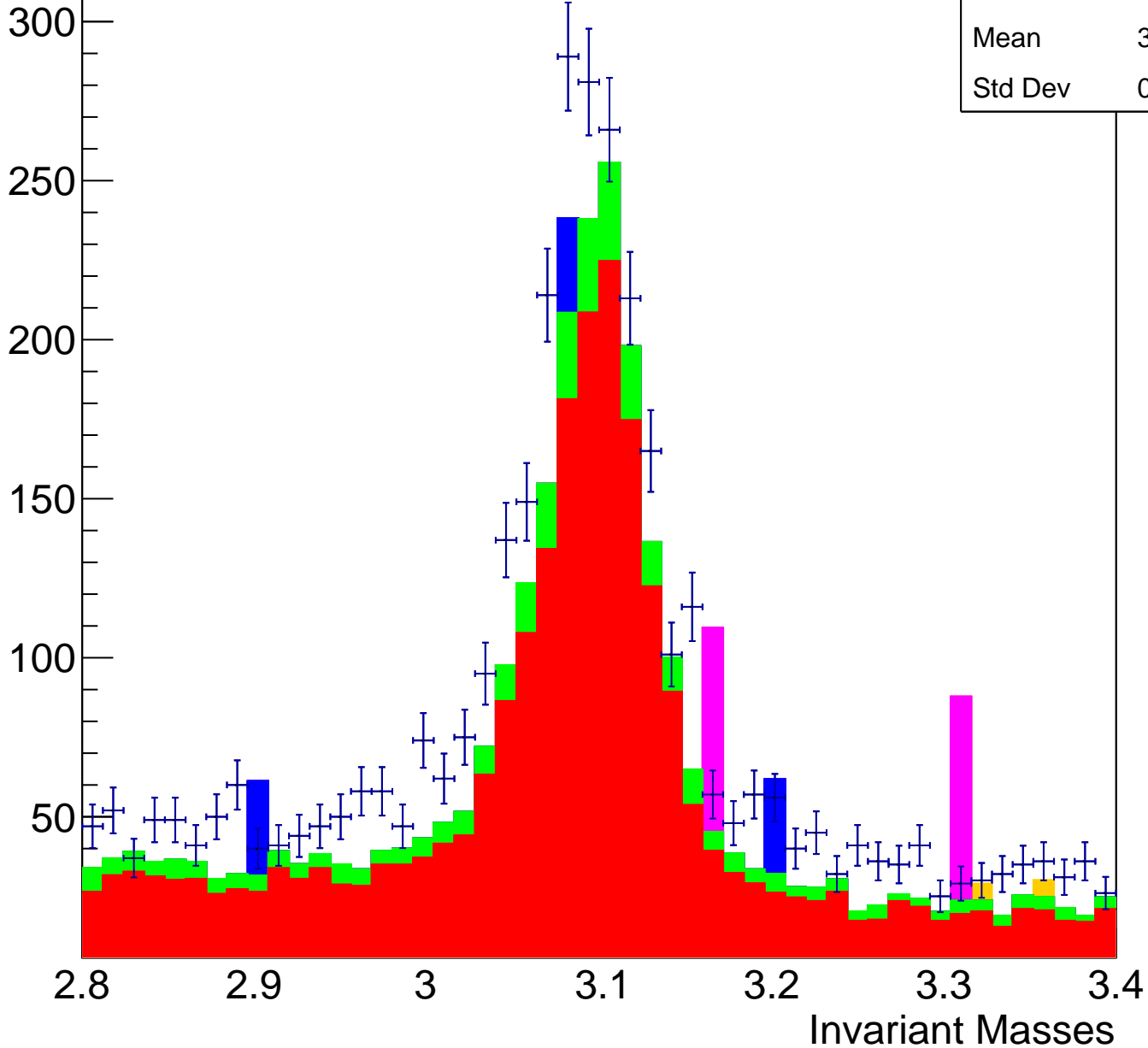
Invariant Masses for J/Psi Candidate Muons (Oppositely Charged)



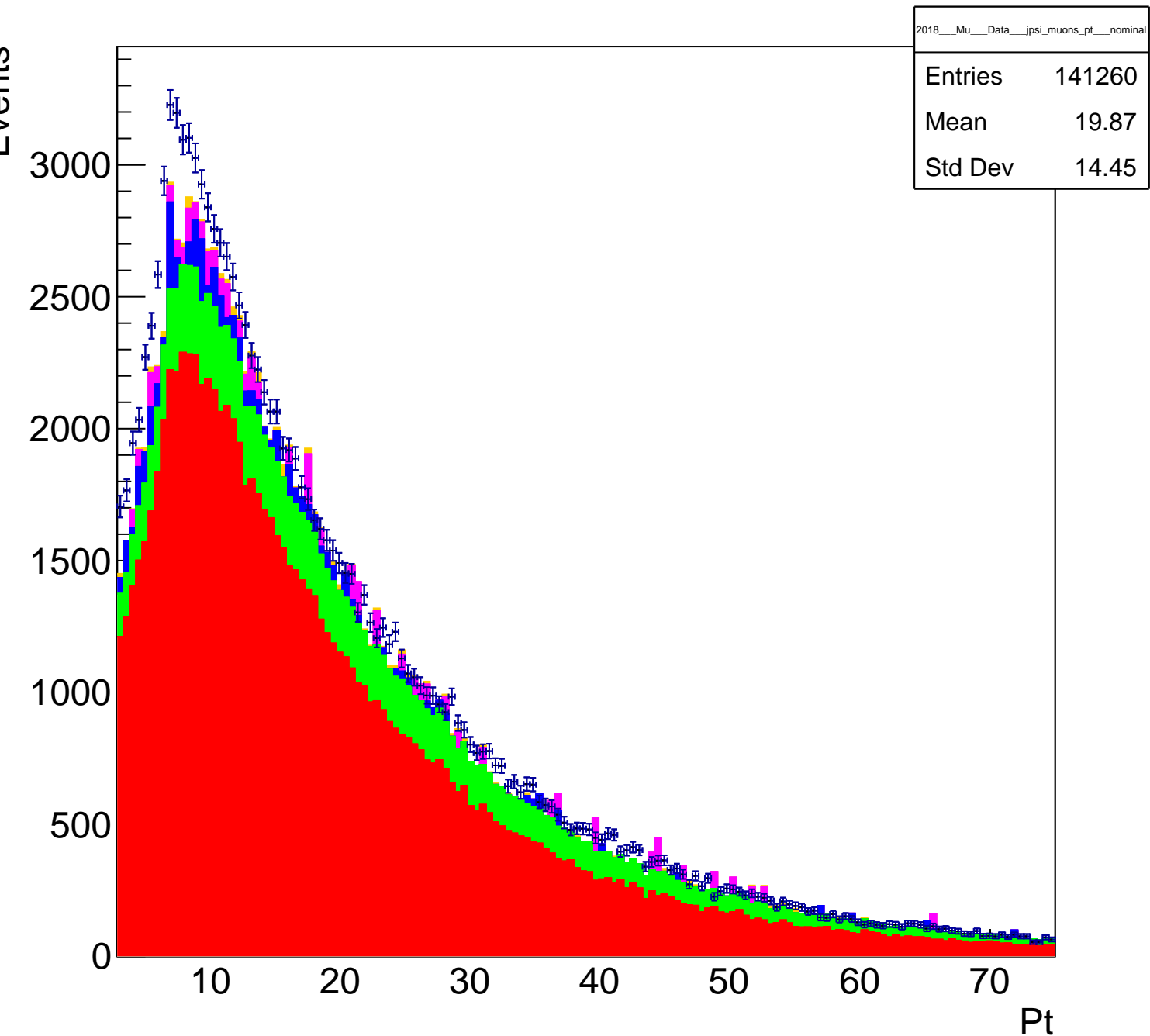


# Invariant Masses for Two Muons (Oppositely Charged)

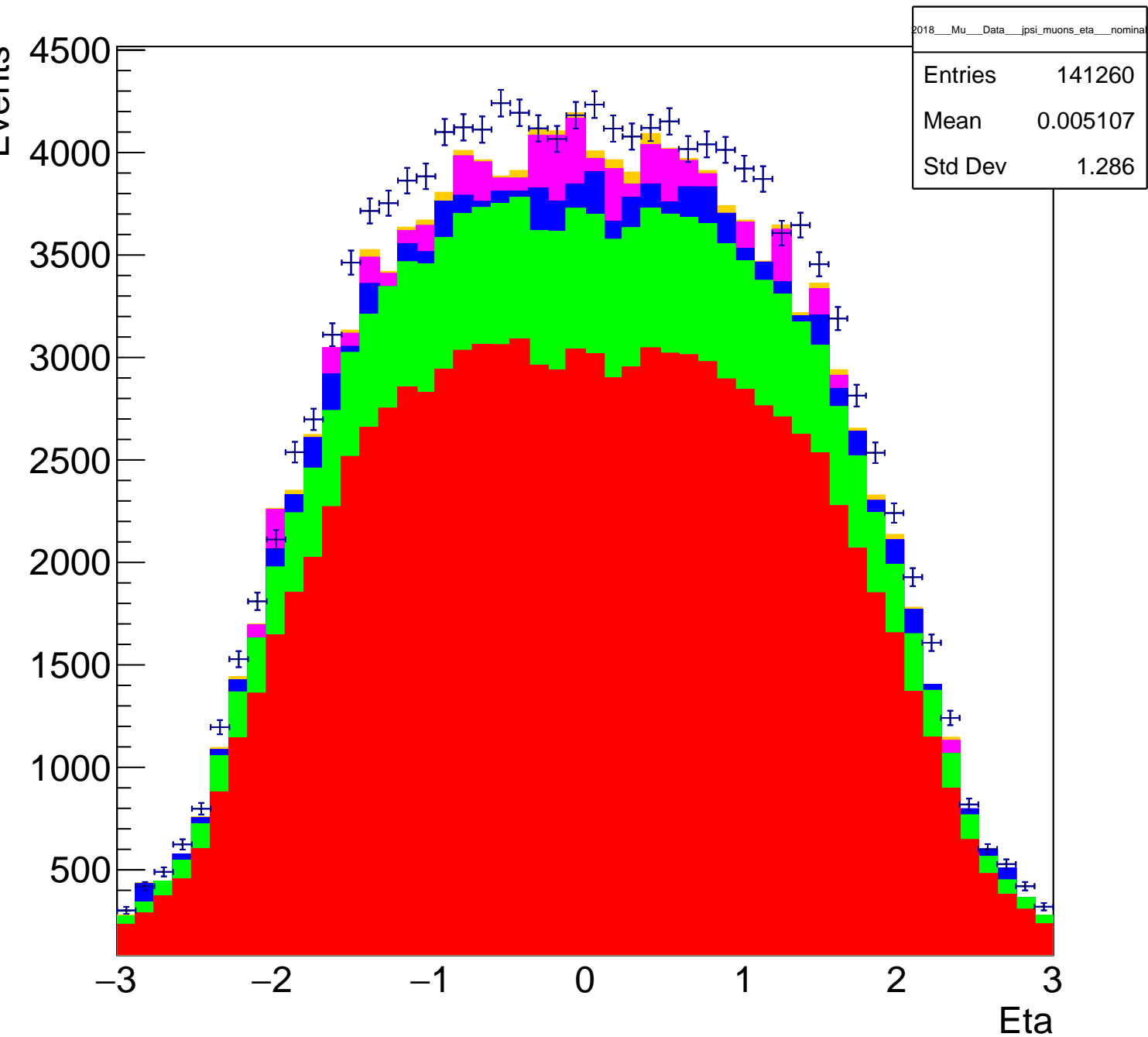
Events



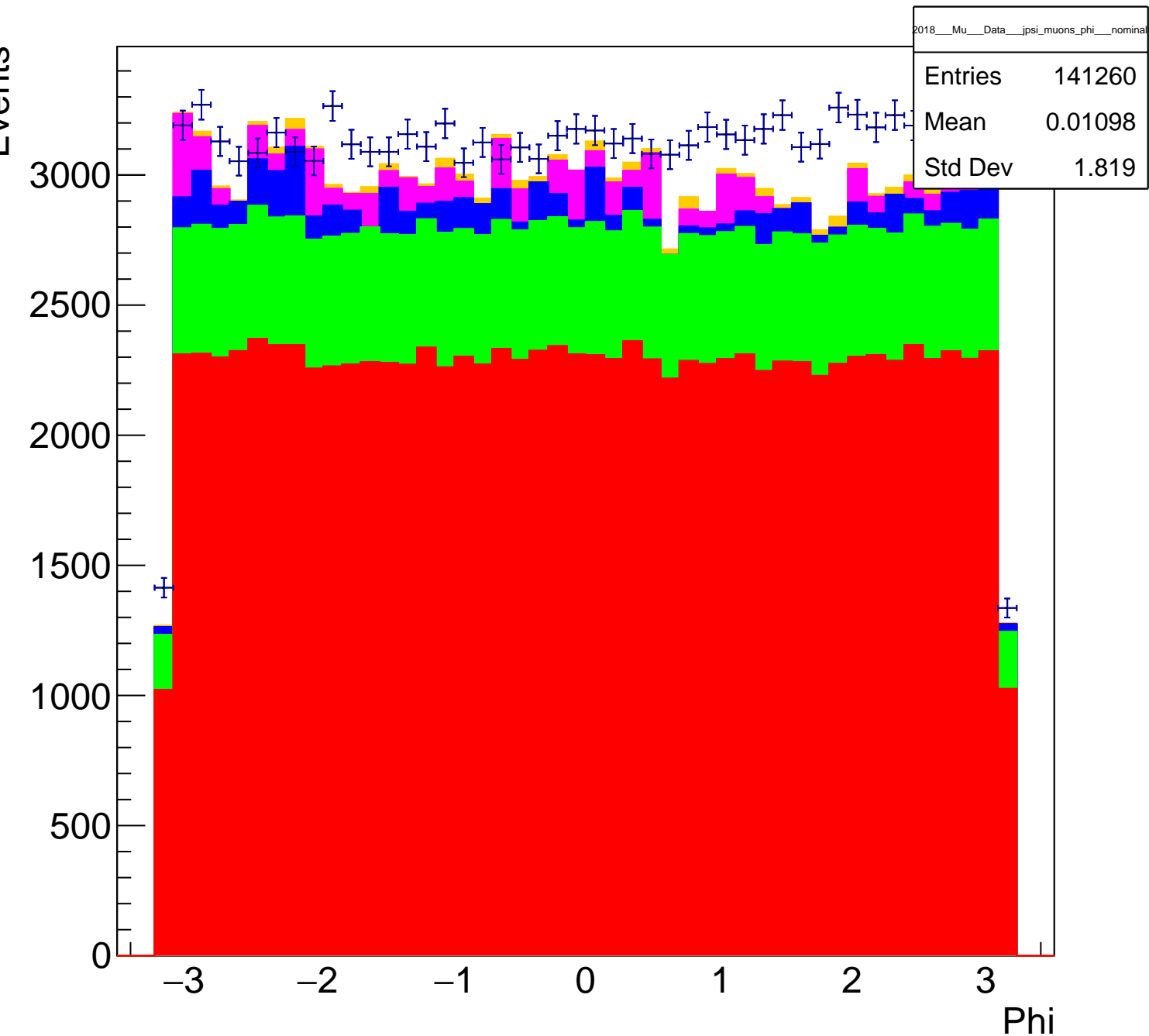
# Transverse Momentum for JPsi Muons



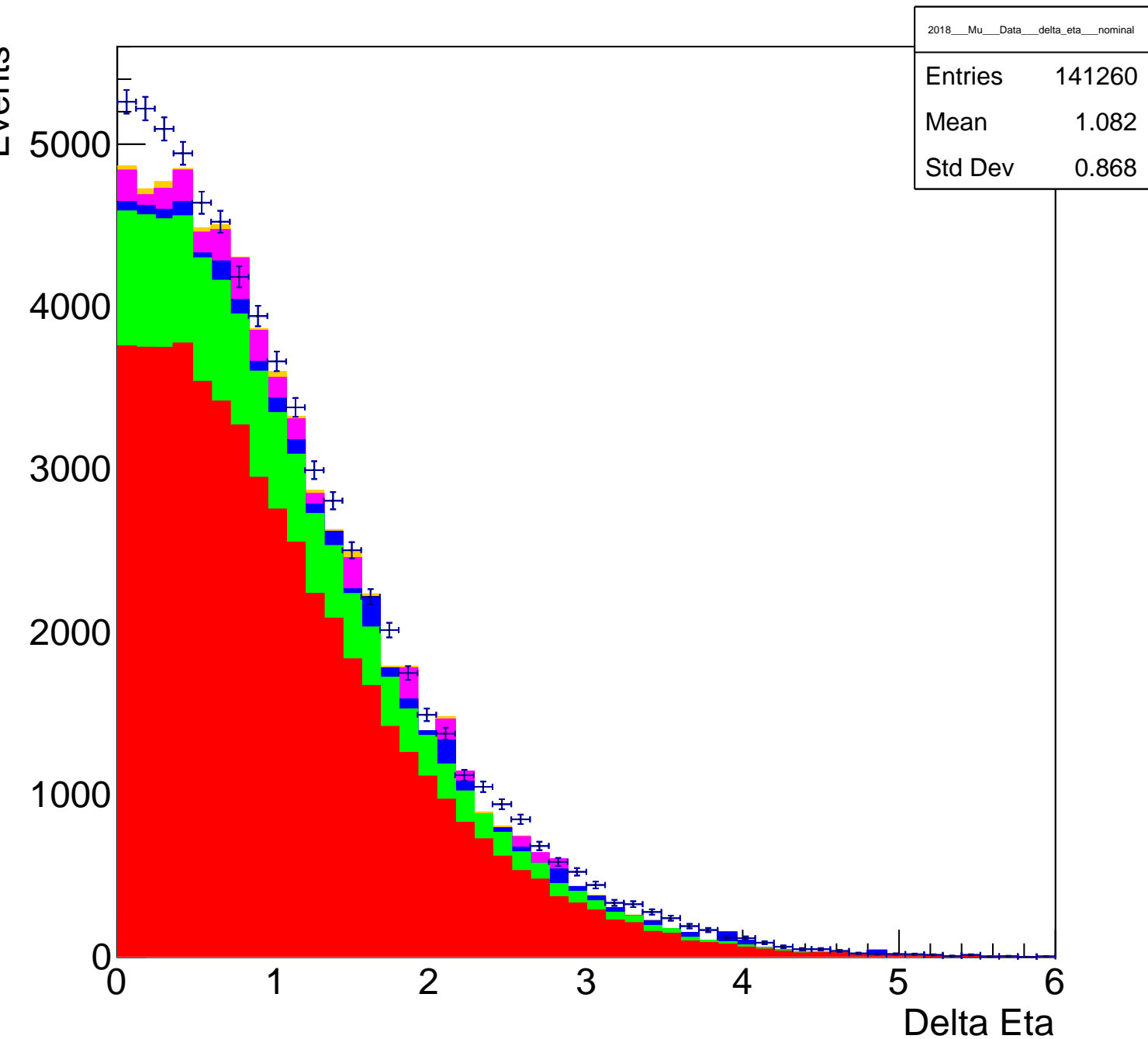
# Pseudorapidity for JPsi Muons



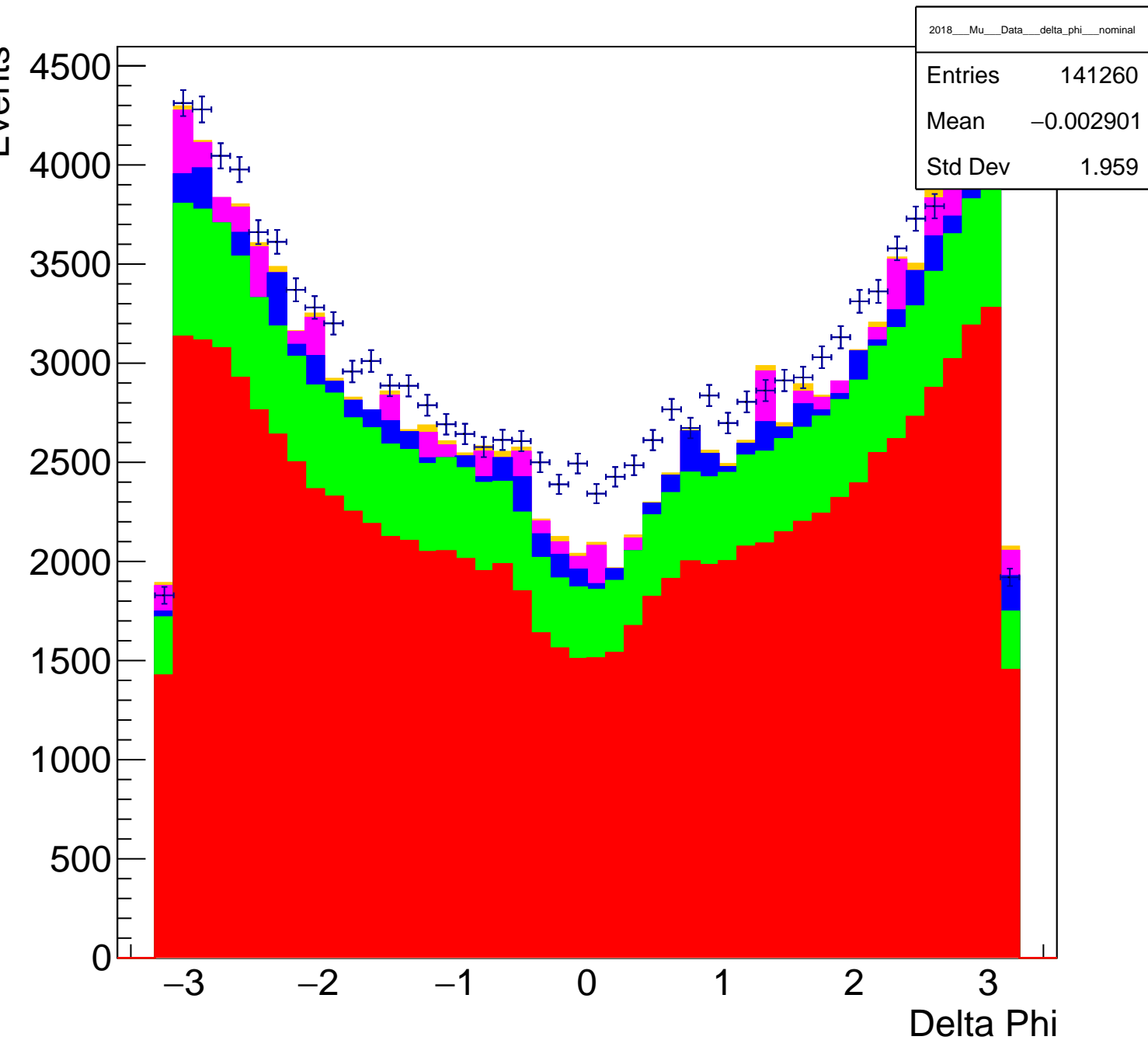
# Angle for JPsi Muons



# Delta Eta for Isolated Muon - JPsi Muons



# Delta Phi for Isolated Muon - JPsi Muons



# Delta R for Isolated and JPsi Muons

