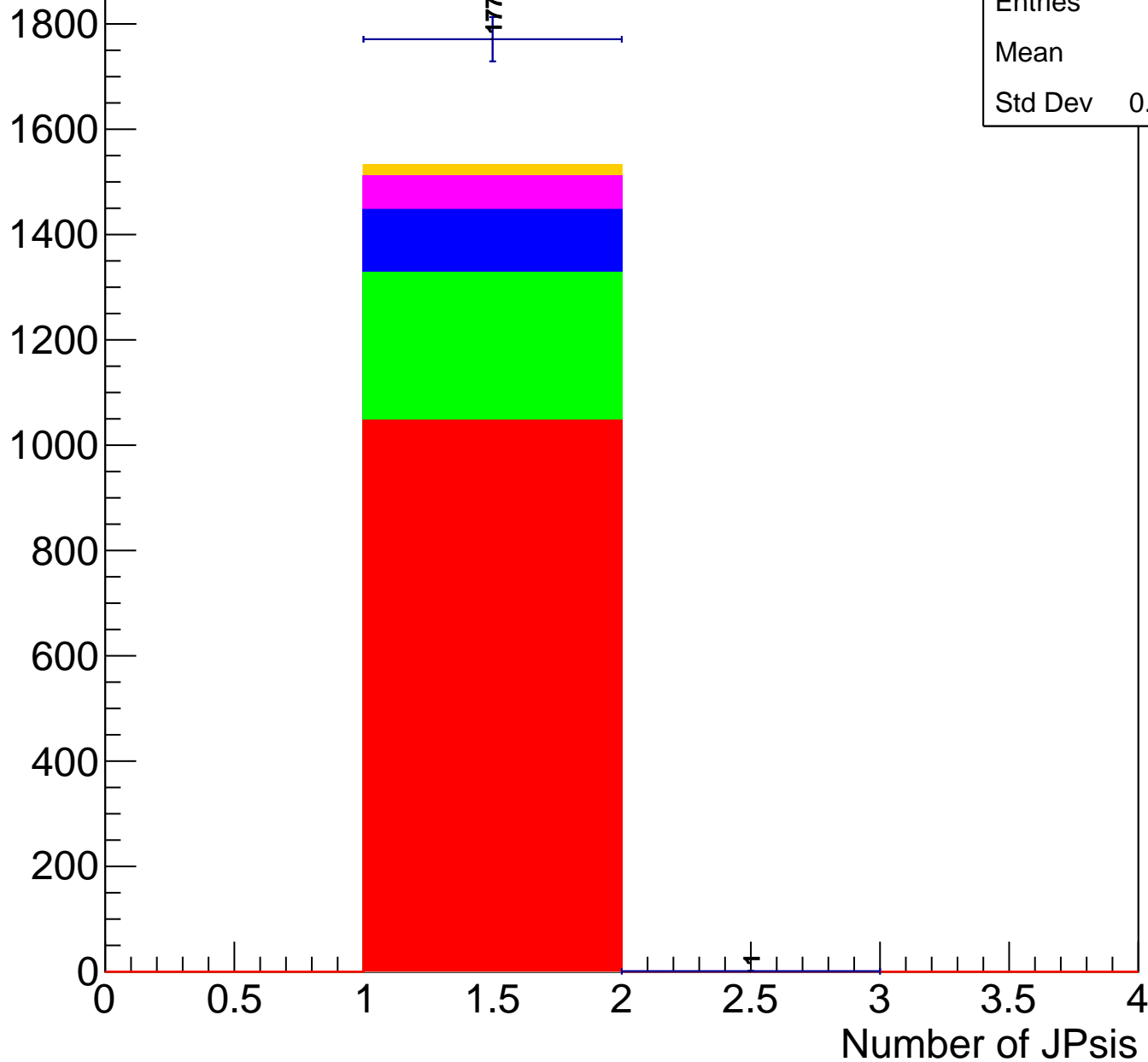


# Number of JPsis

Events



2018\_\_Mu\_\_Data\_\_number\_of\_jpsis\_\_nominal

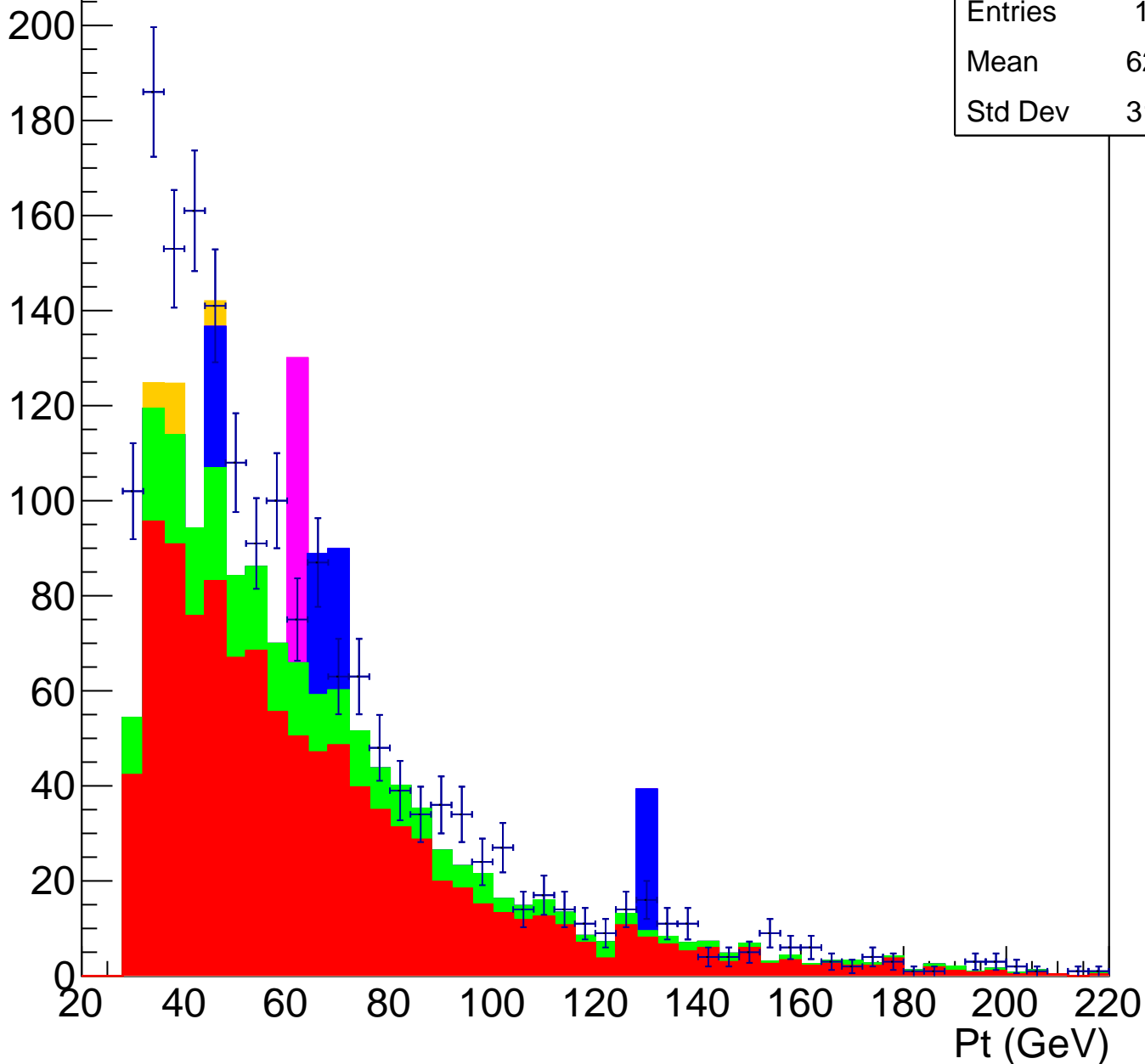
Entries 1772

Mean 1.001

Std Dev 0.02375

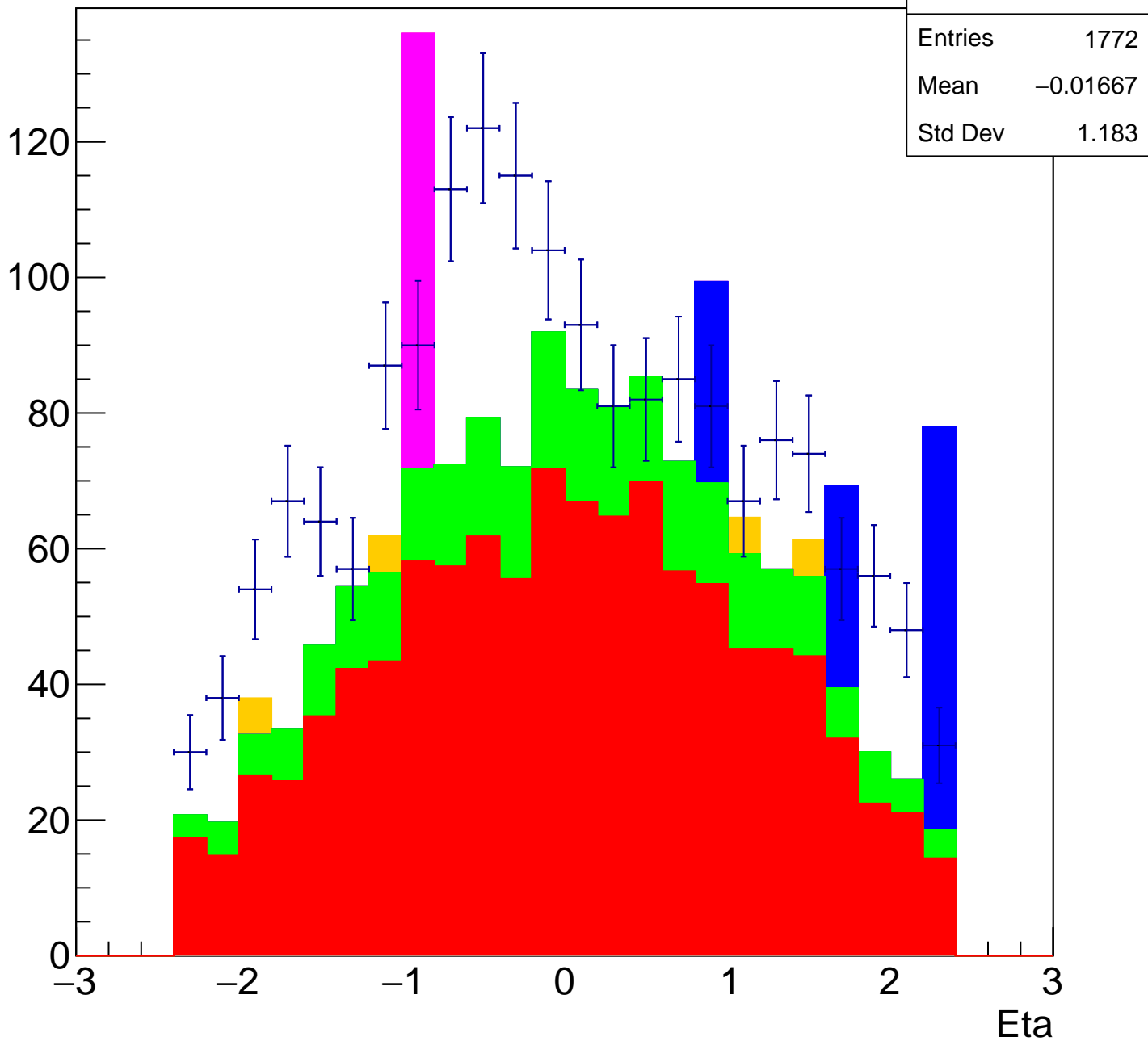
# Leading Isolated Muon Transverse Momentum

Events



# Leading Isolated Muon Pseudorapidity

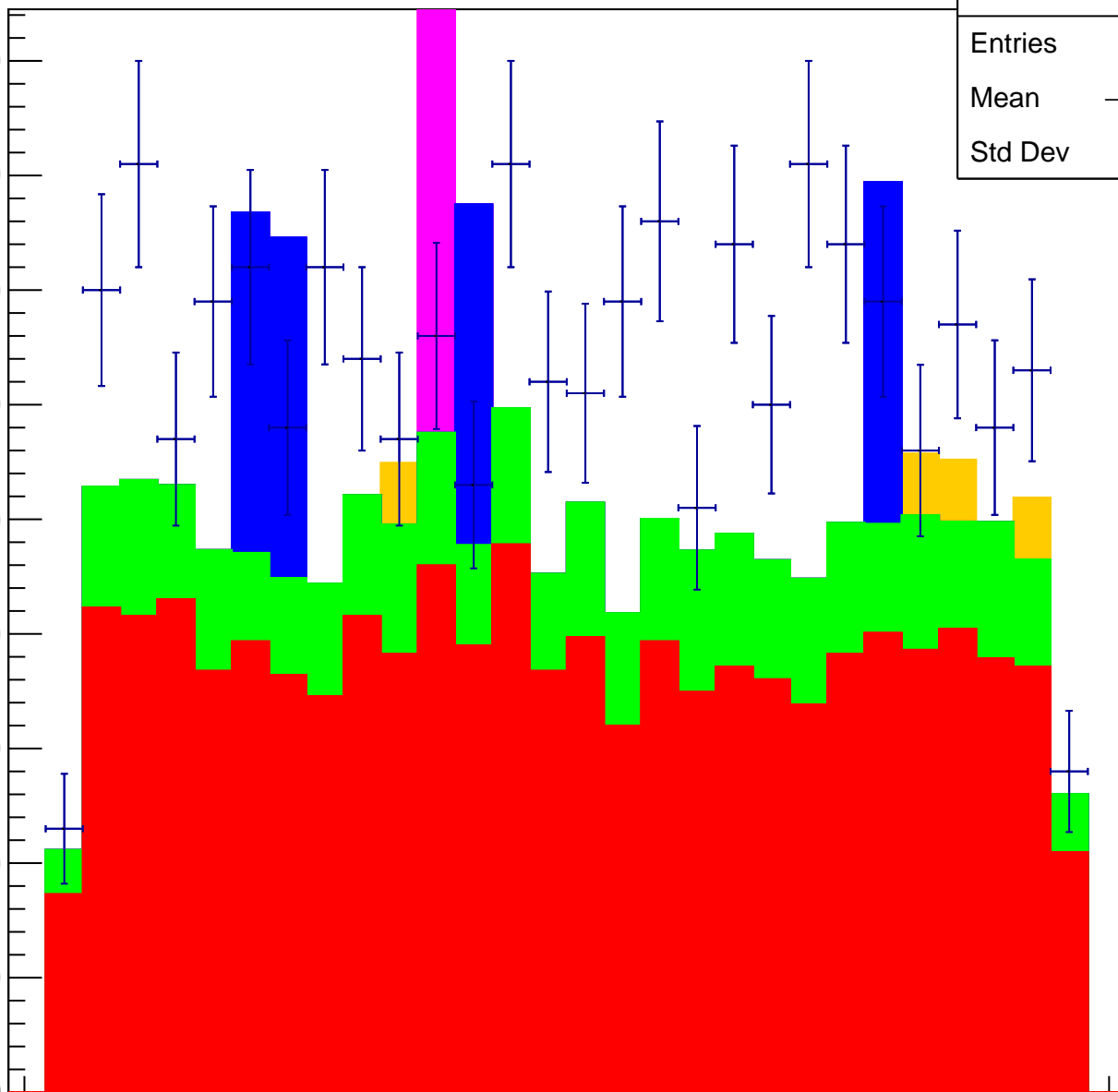
Events



# Leading Isolated Muon Angle

Events

90  
80  
70  
60  
50  
40  
30  
20  
10  
0

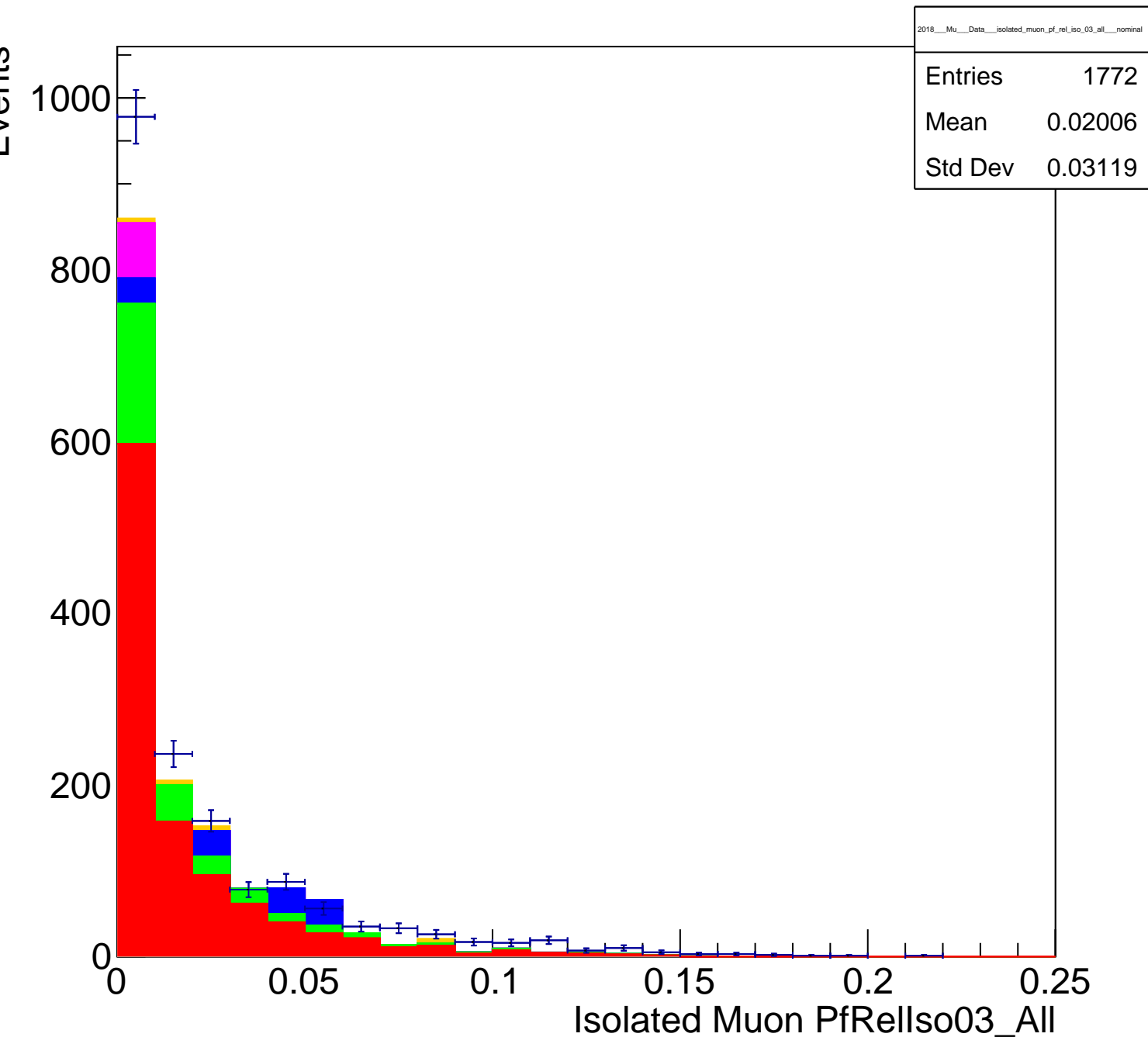


2018\_\_Mu\_\_Data\_\_leading\_isolated\_muon\_phi\_\_nominal

Entries	1772
Mean	-0.01307
Std Dev	1.806

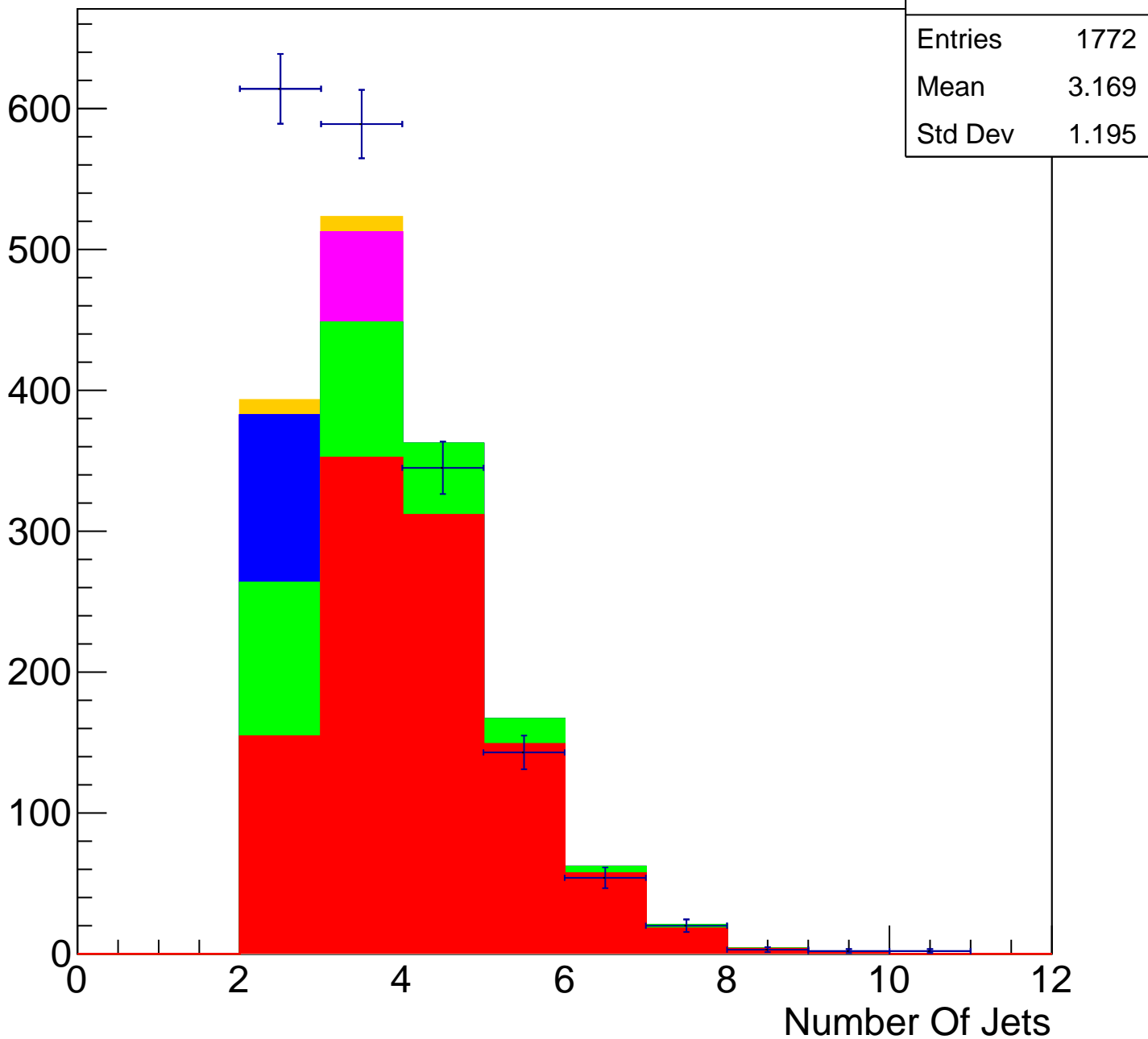
Phi (Radians)

# Isolated Muon PfRelIso03\_All

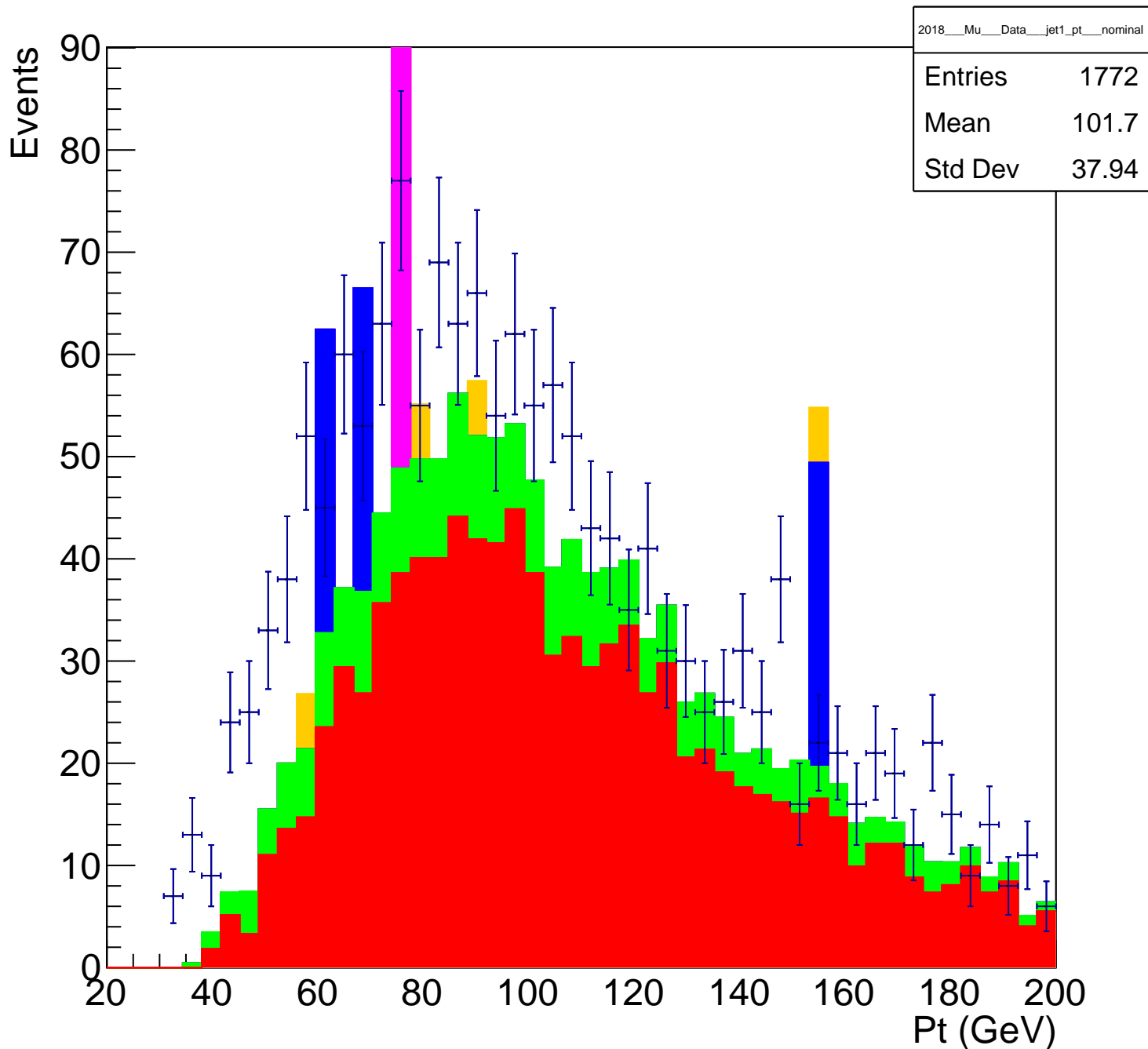


# Number Of Jets

Events

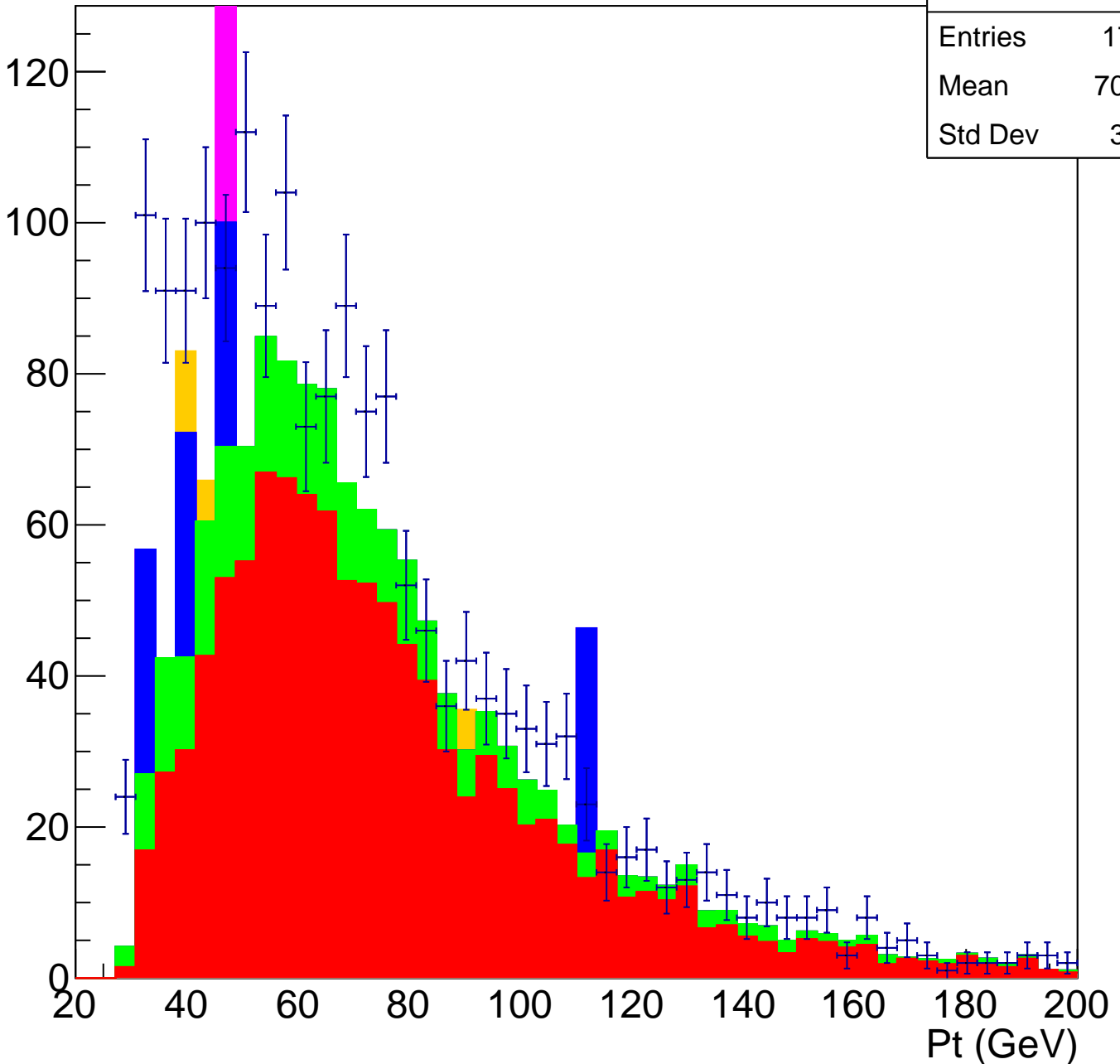


# Jet Transverse Momentum for Leading Jet



# Jet Transverse Momentum for Subleading Jet

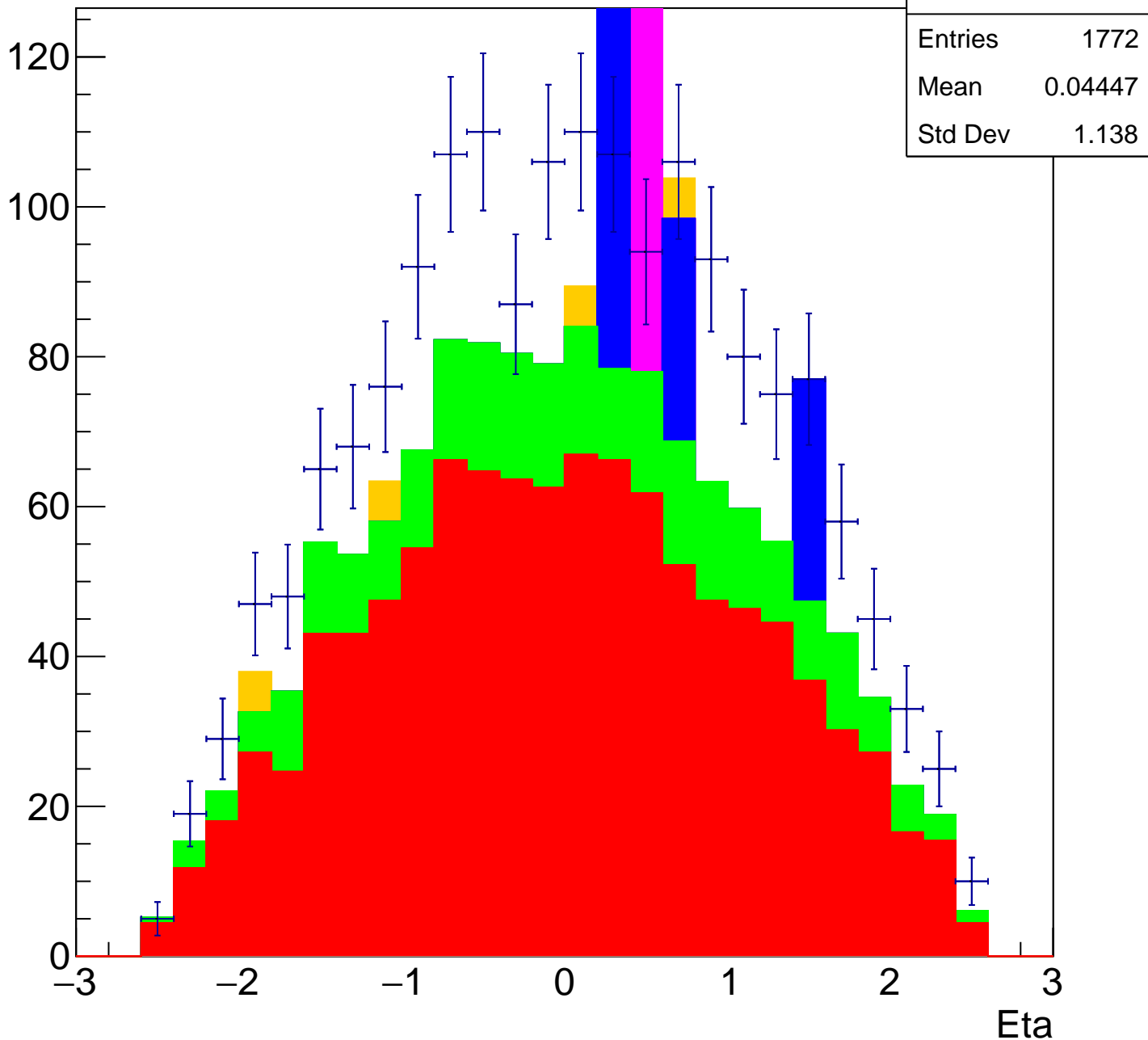
Events





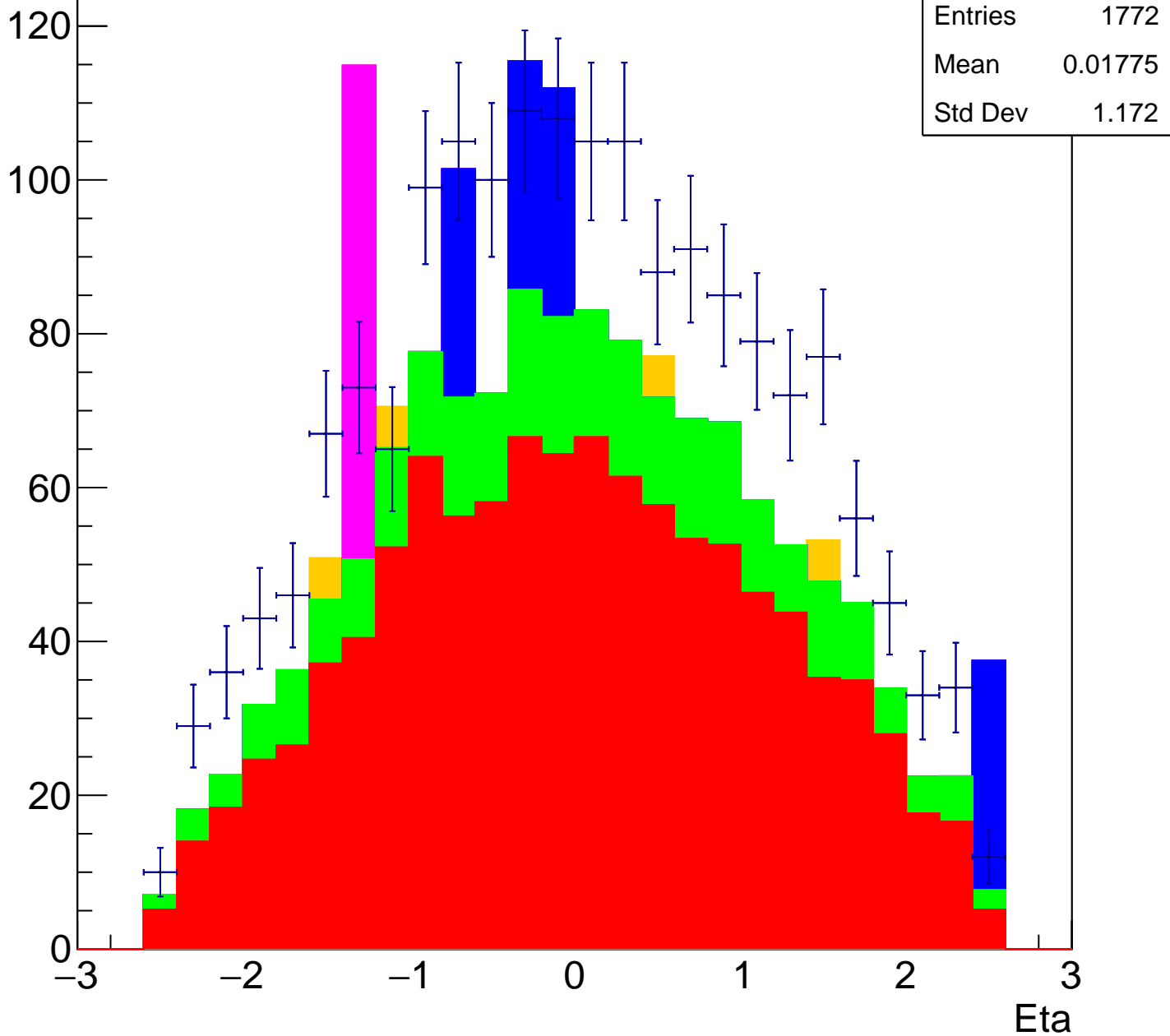
# Jet Pseudorapidity for Leading Jet

Events



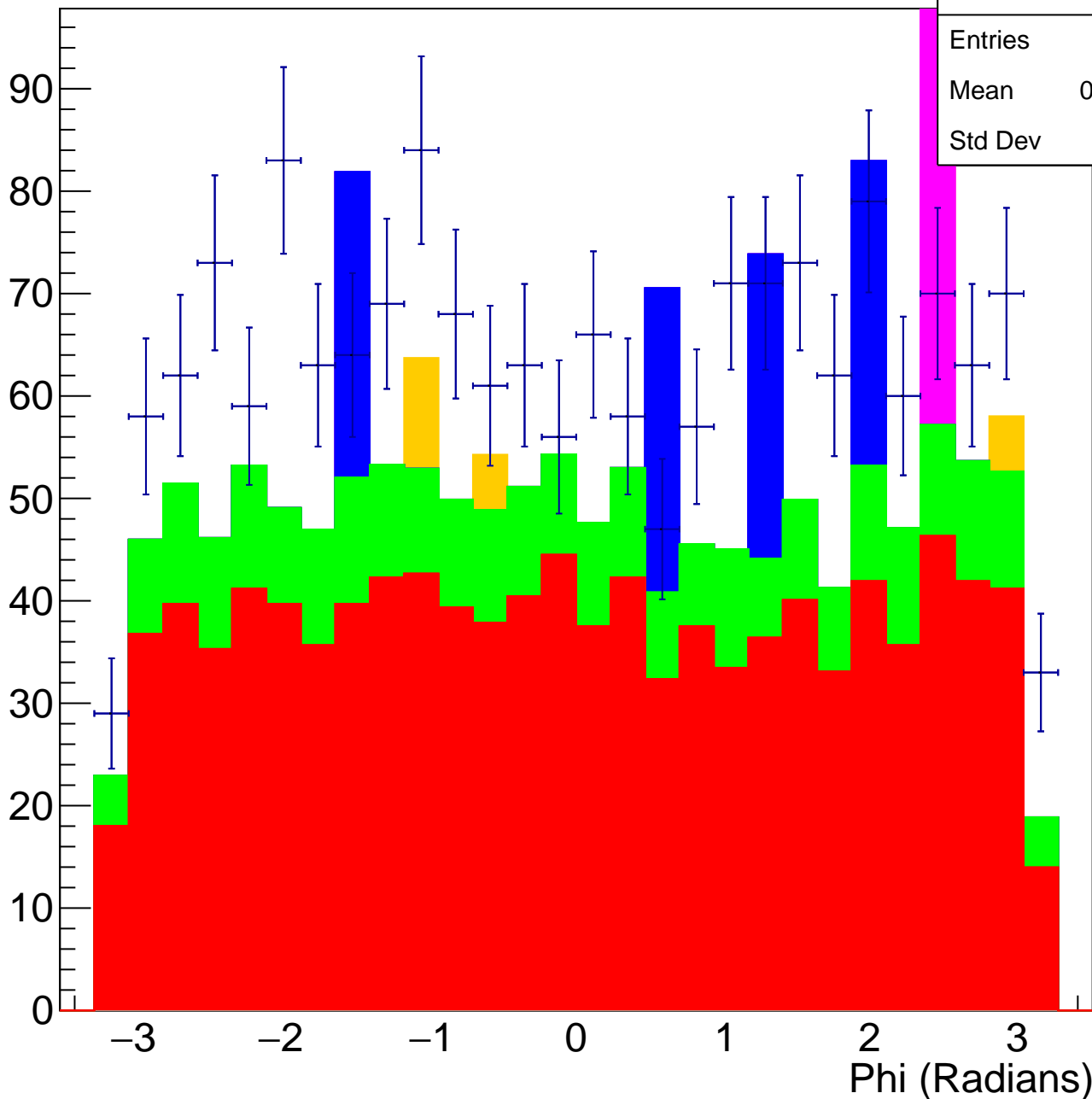
# Jet Pseudorapidity for Subleading Jet

Events



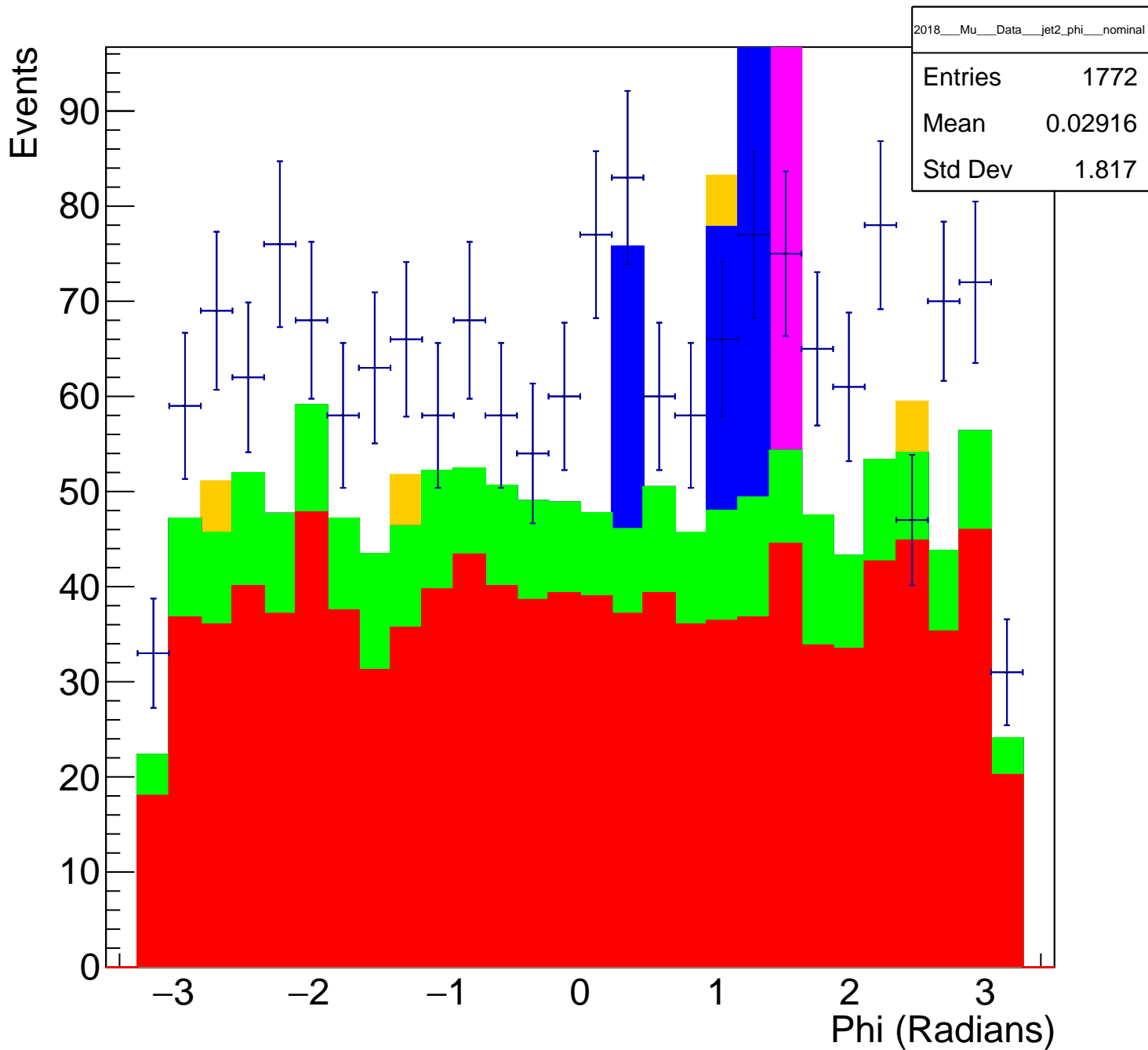
# Jet Angle for Leading Jet

Events



2018__Mu__Data__jet1_phi__nominal	
Entries	1772
Mean	0.008211
Std Dev	1.825

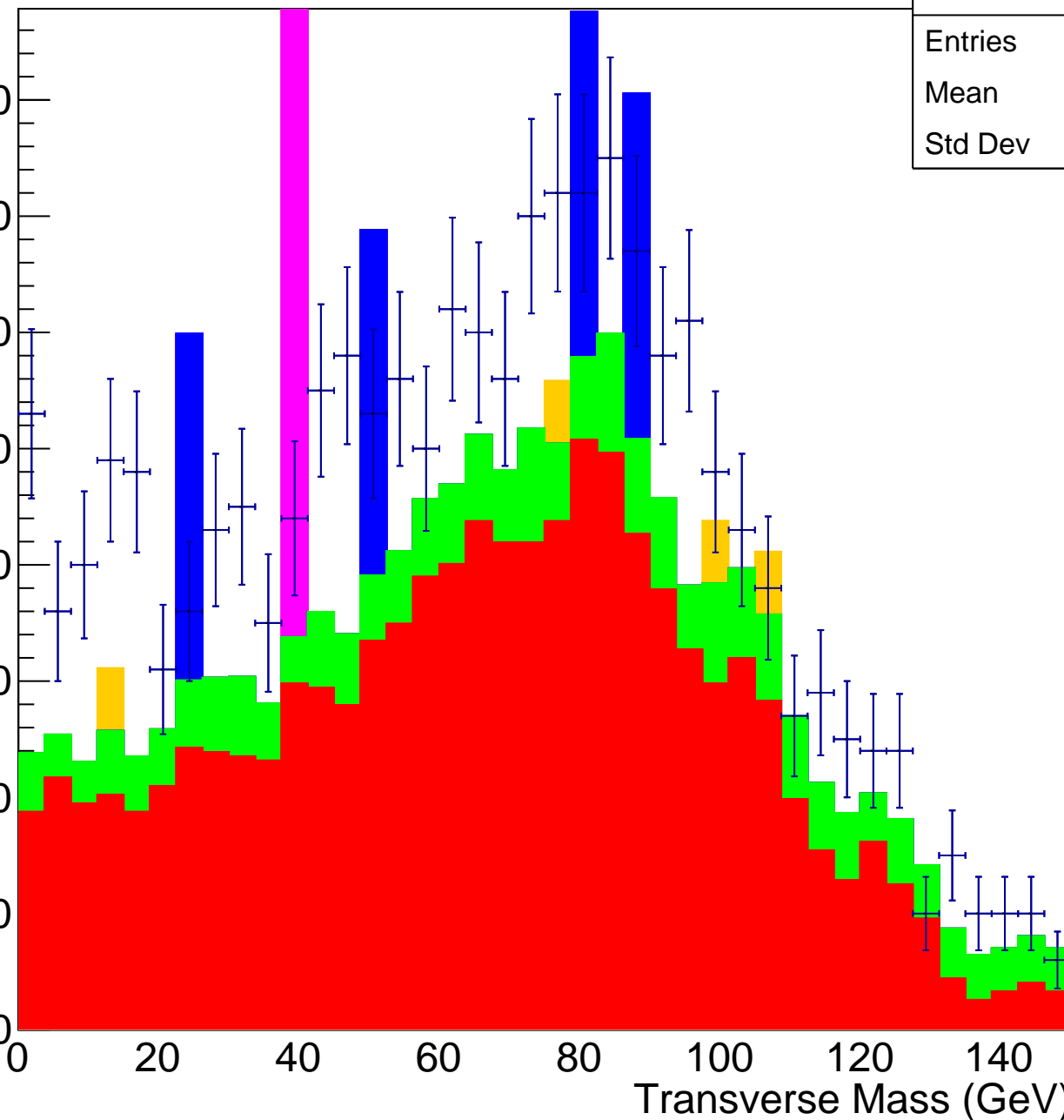
# Jet Angle for Subleading Jet



# Transverse Mass

Events

80  
70  
60  
50  
40  
30  
20  
10  
0



2018\_\_Mu\_\_Data\_\_transverse\_mass\_\_nominal

Entries 1772

Mean 65.39

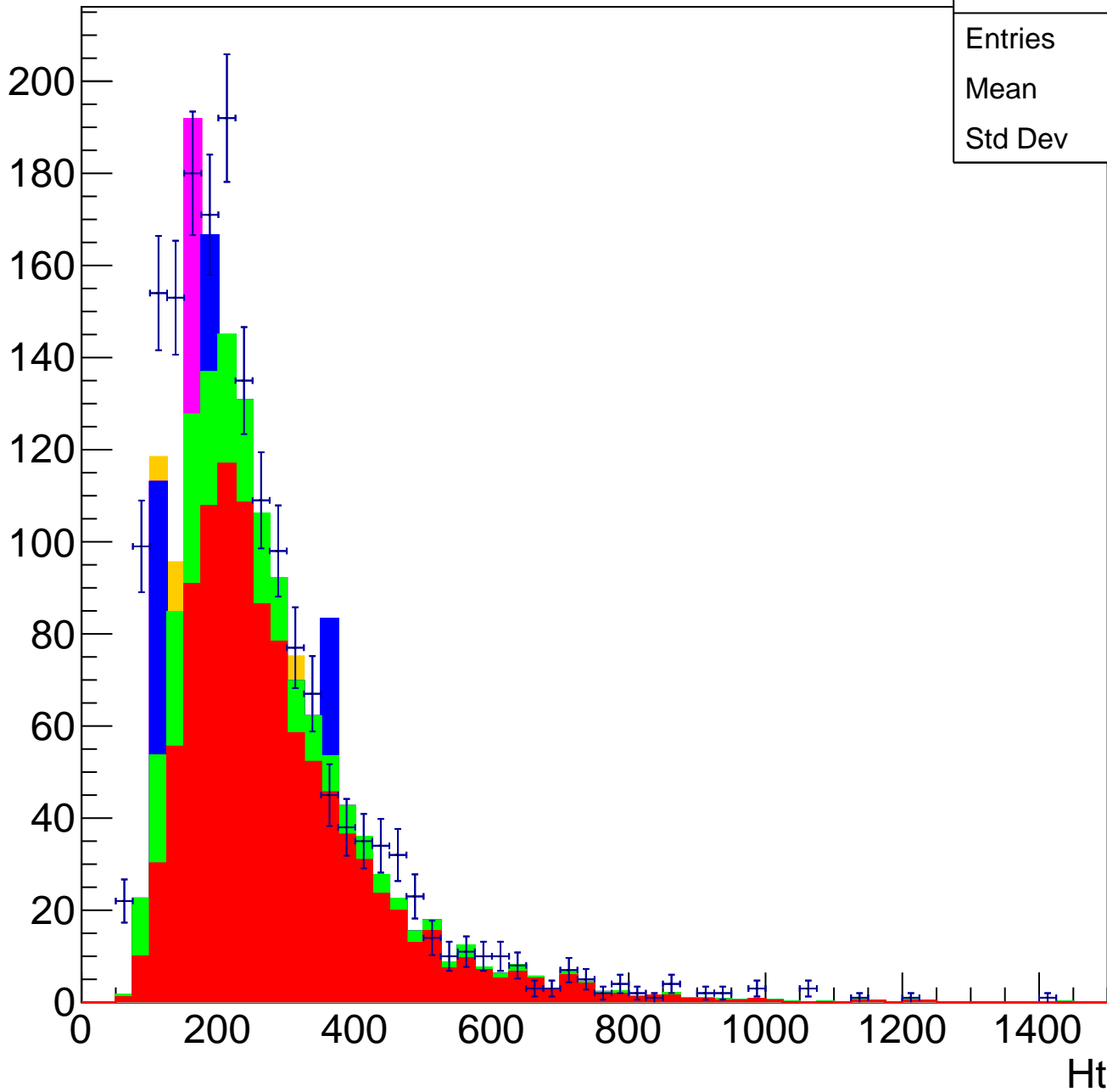
Std Dev 35.32

Transverse Mass (GeV)

Ht

Events

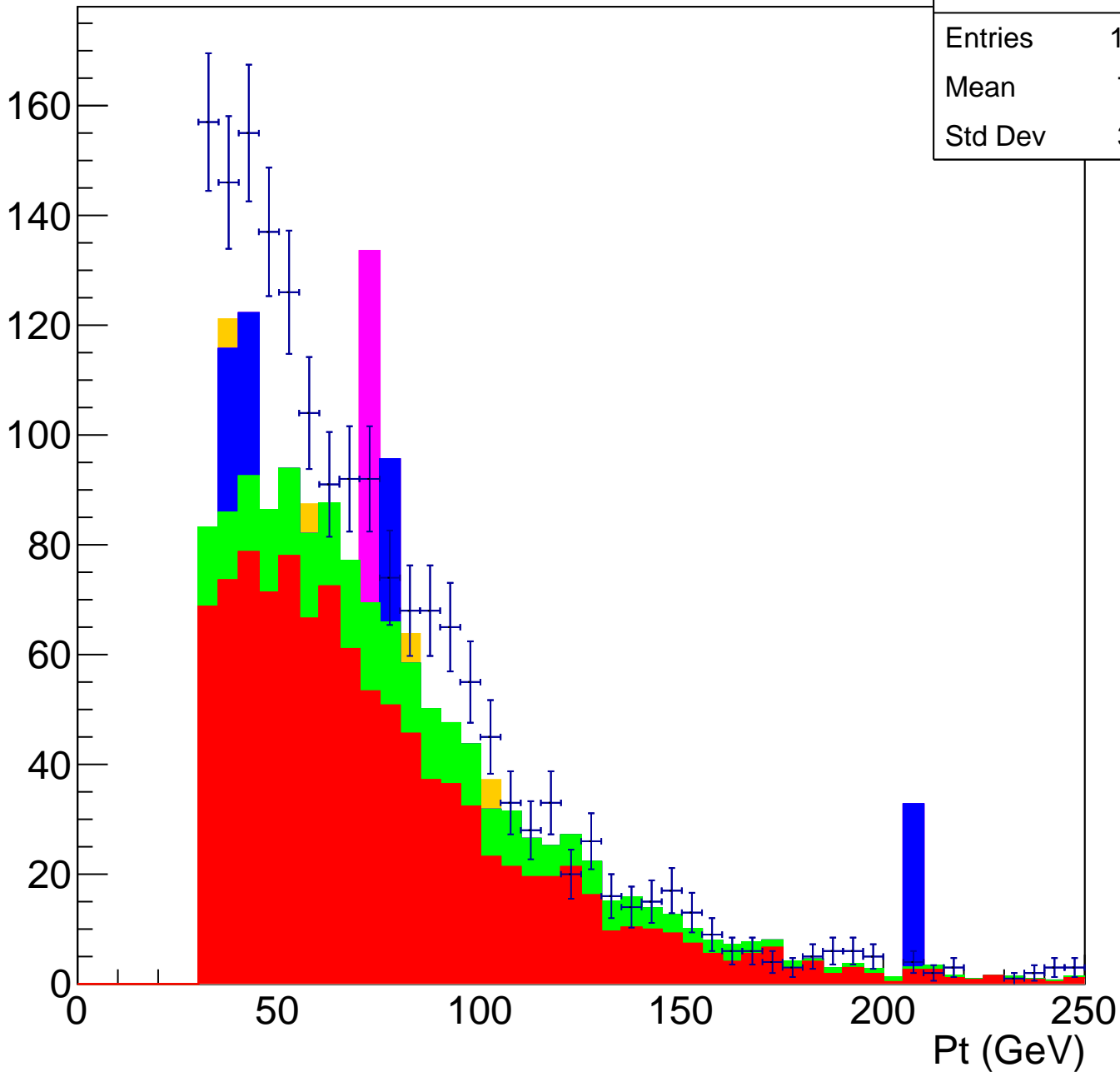
2018___Mu___Data___ht___nominal	
Entries	1772
Mean	251.5
Std Dev	151.5



# MET

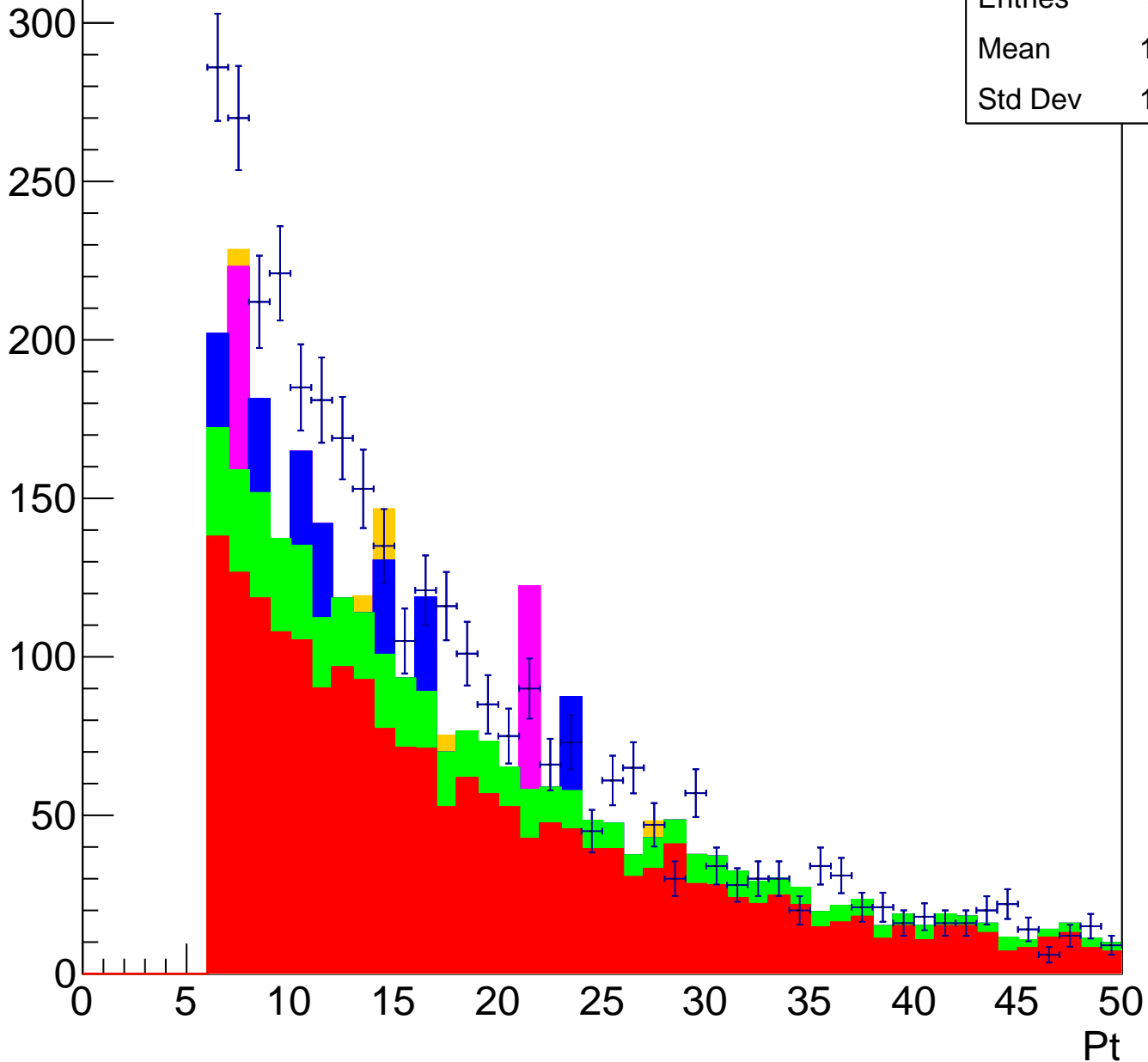
Events

2018__Mu__Data__met__nominal	
Entries	1772
Mean	72.8
Std Dev	37.7



# Transverse Momentum for JPsi Muons

Events



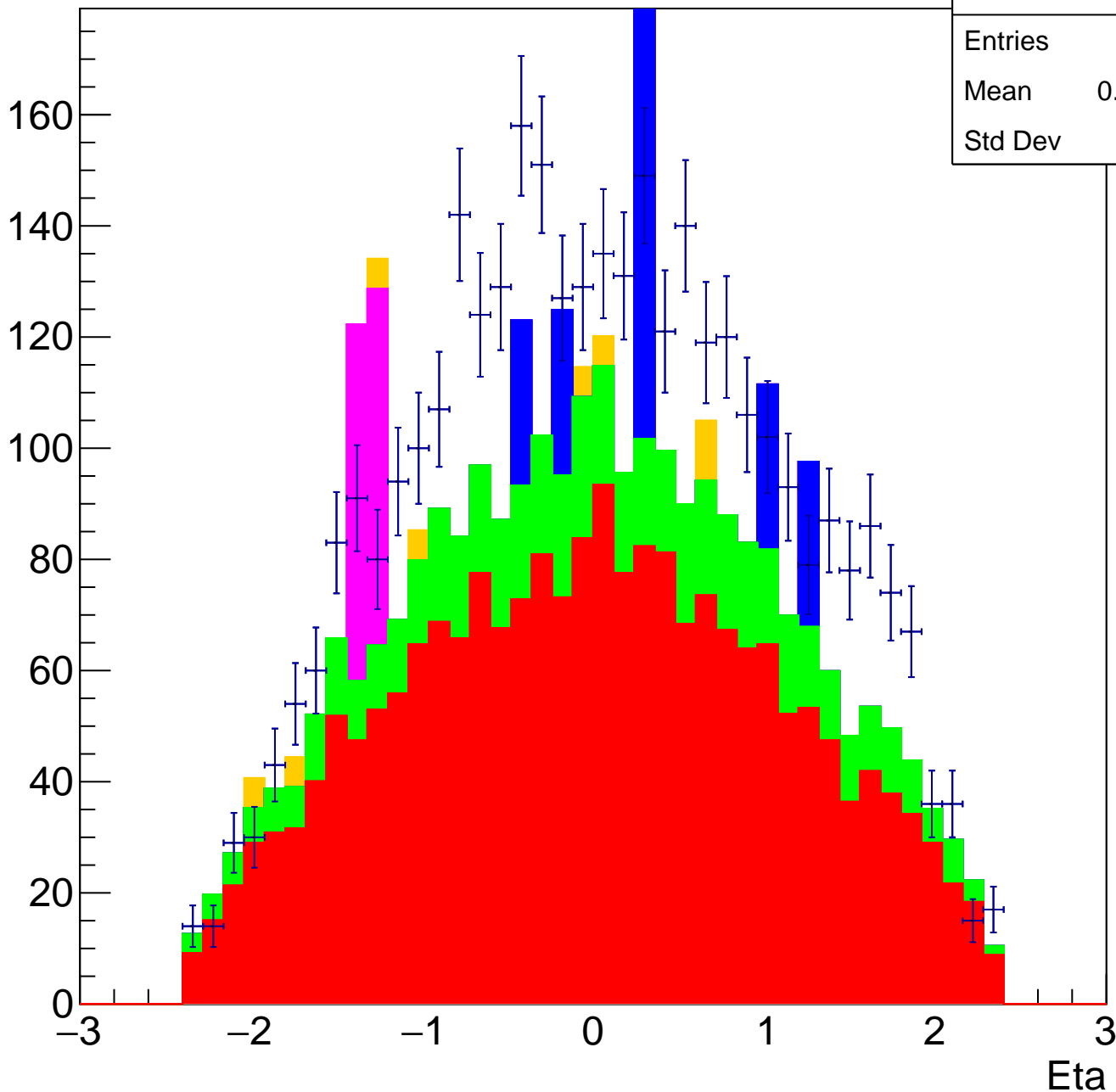


# Pseudorapidity for JPsi Muons

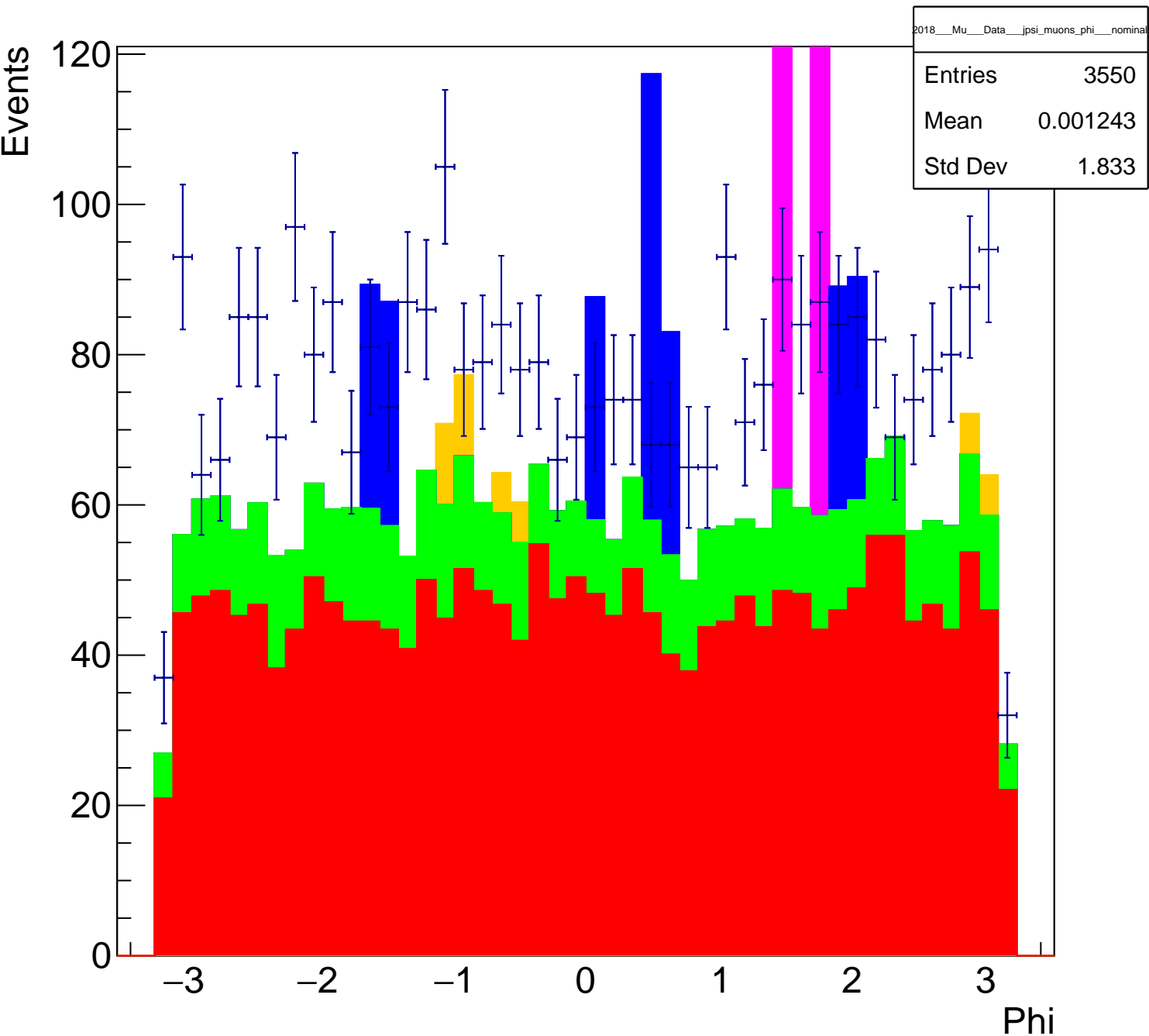
Events

2018\_\_Mu\_\_Data\_\_jpsi\_muons\_eta\_\_nomina

Entries	3550
Mean	0.03293
Std Dev	1.064



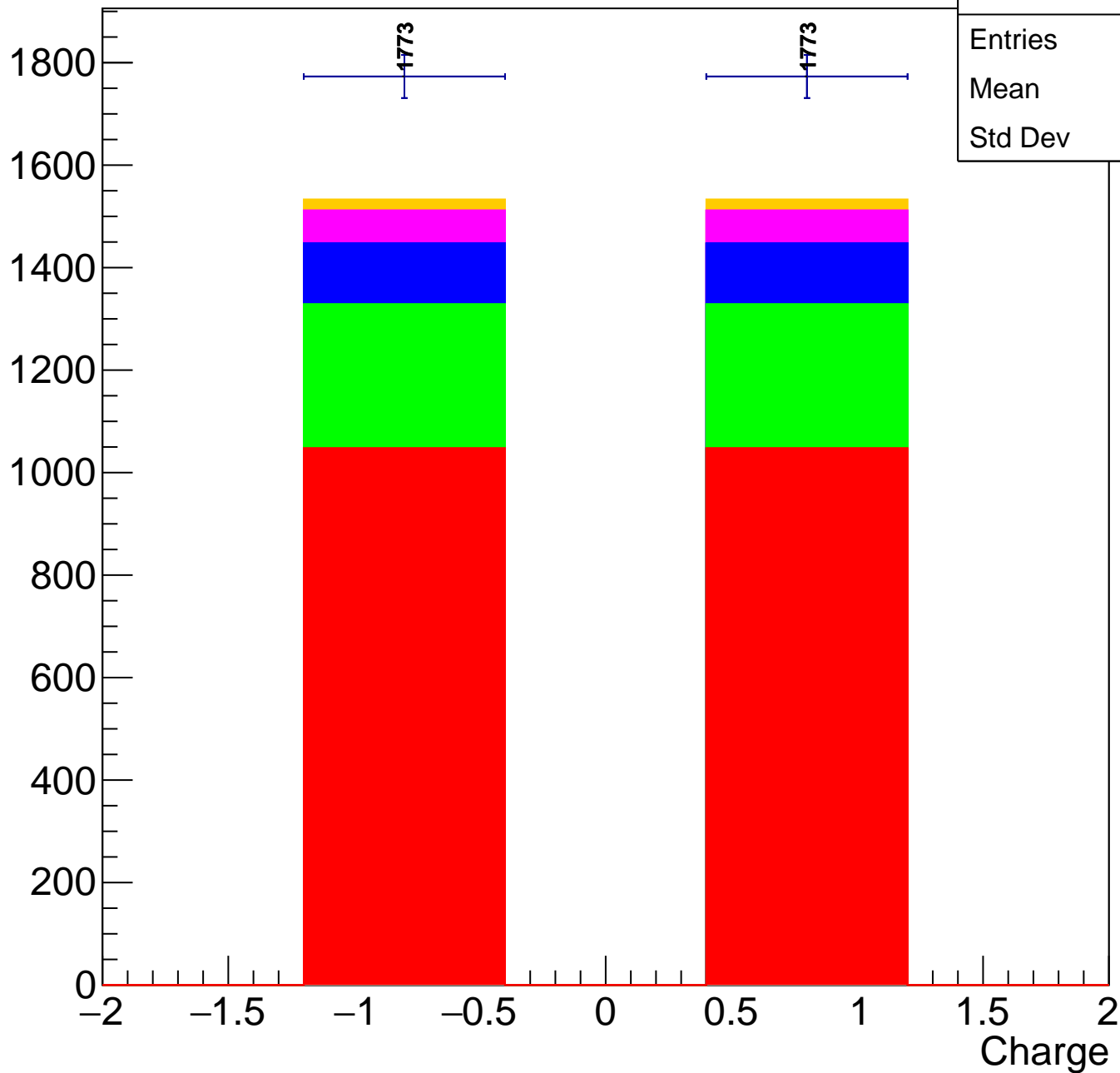
# Angle for JPsi Muons



# Charge of JPsi Muons

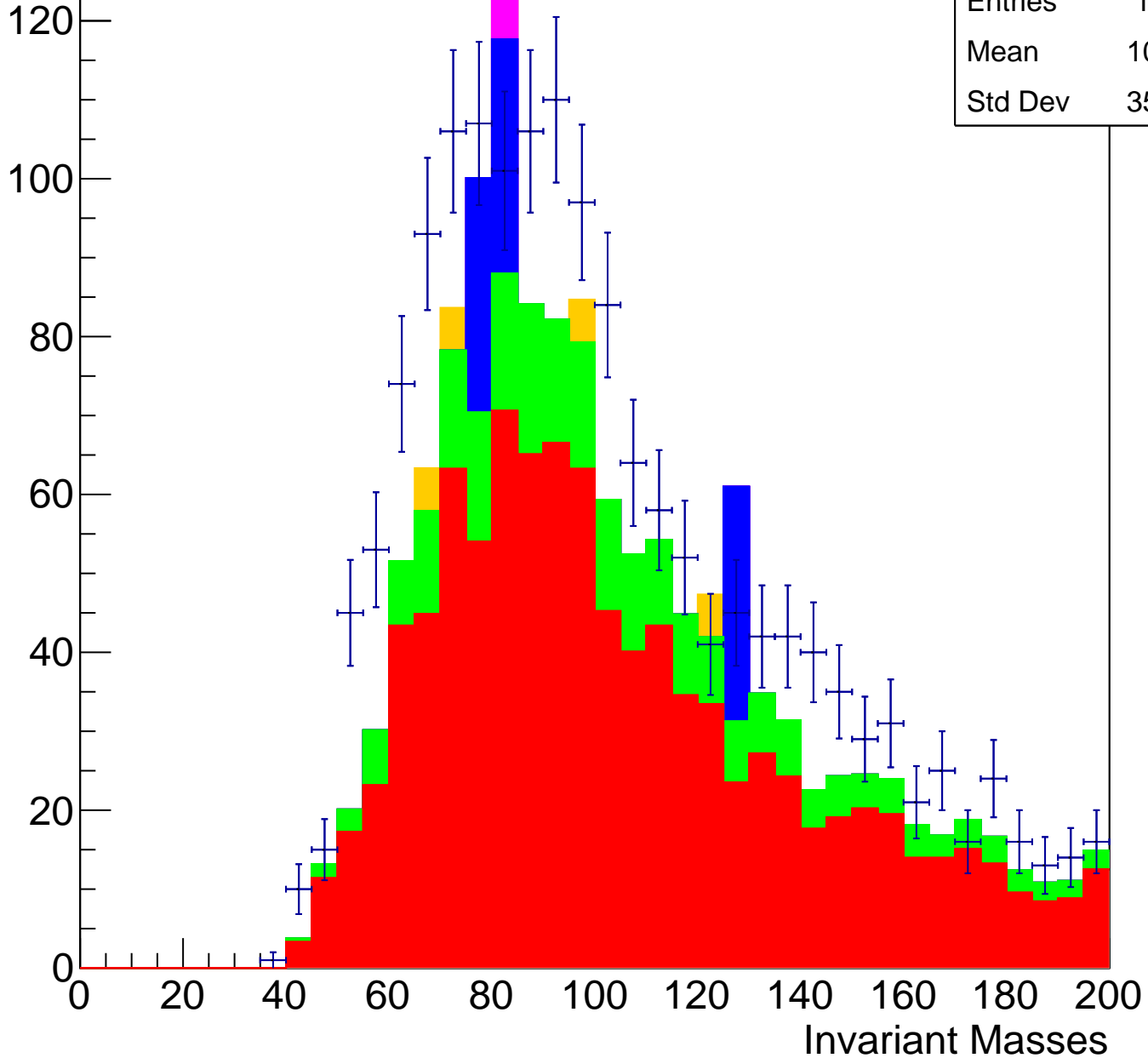
LEVC113

2018__Mu__Data__jpsi_muons_charge__nominal	
Entries	3546
Mean	0
Std Dev	1



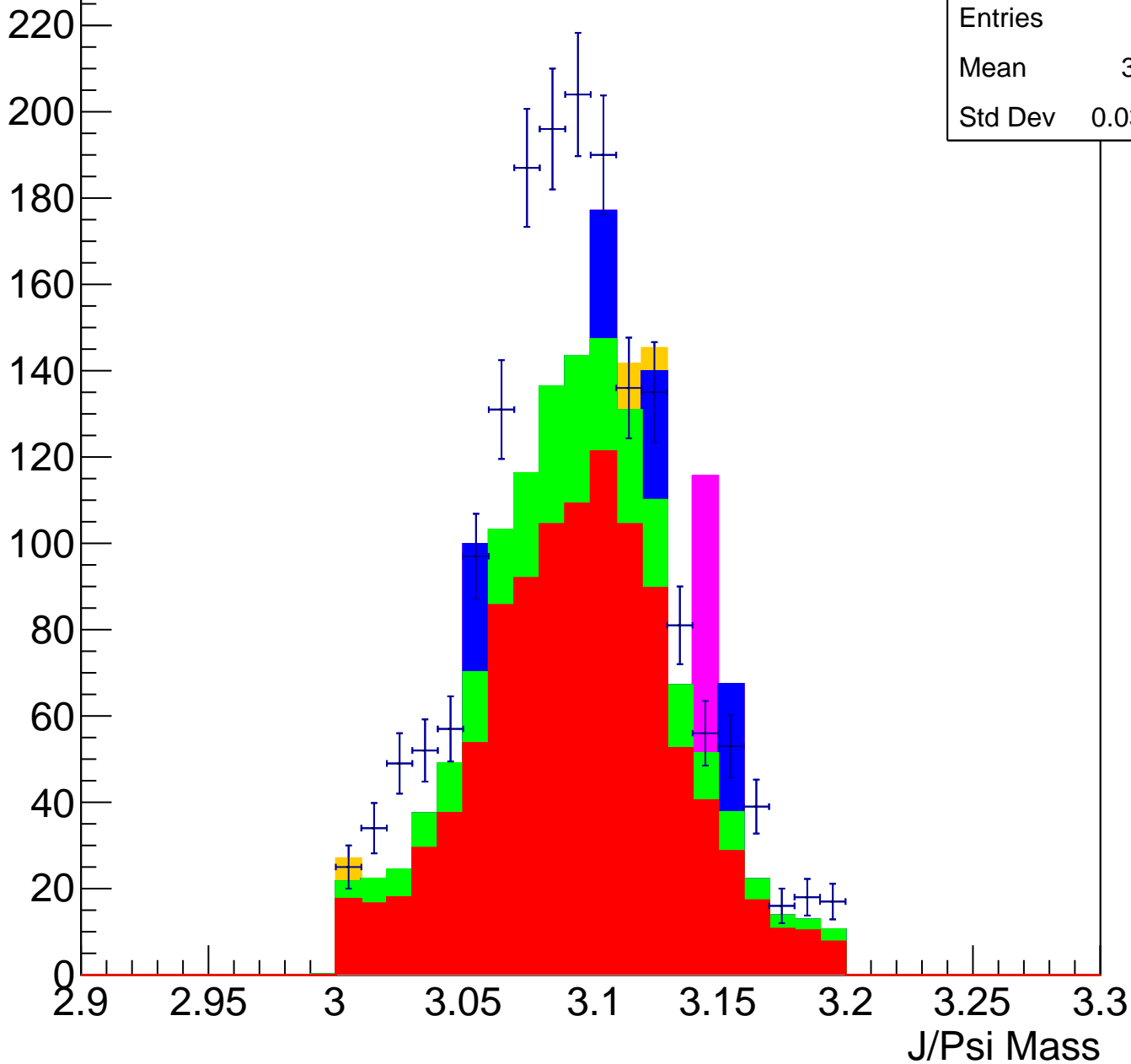
# Invariant Masses for J/Psi And Isolated Muons

Events

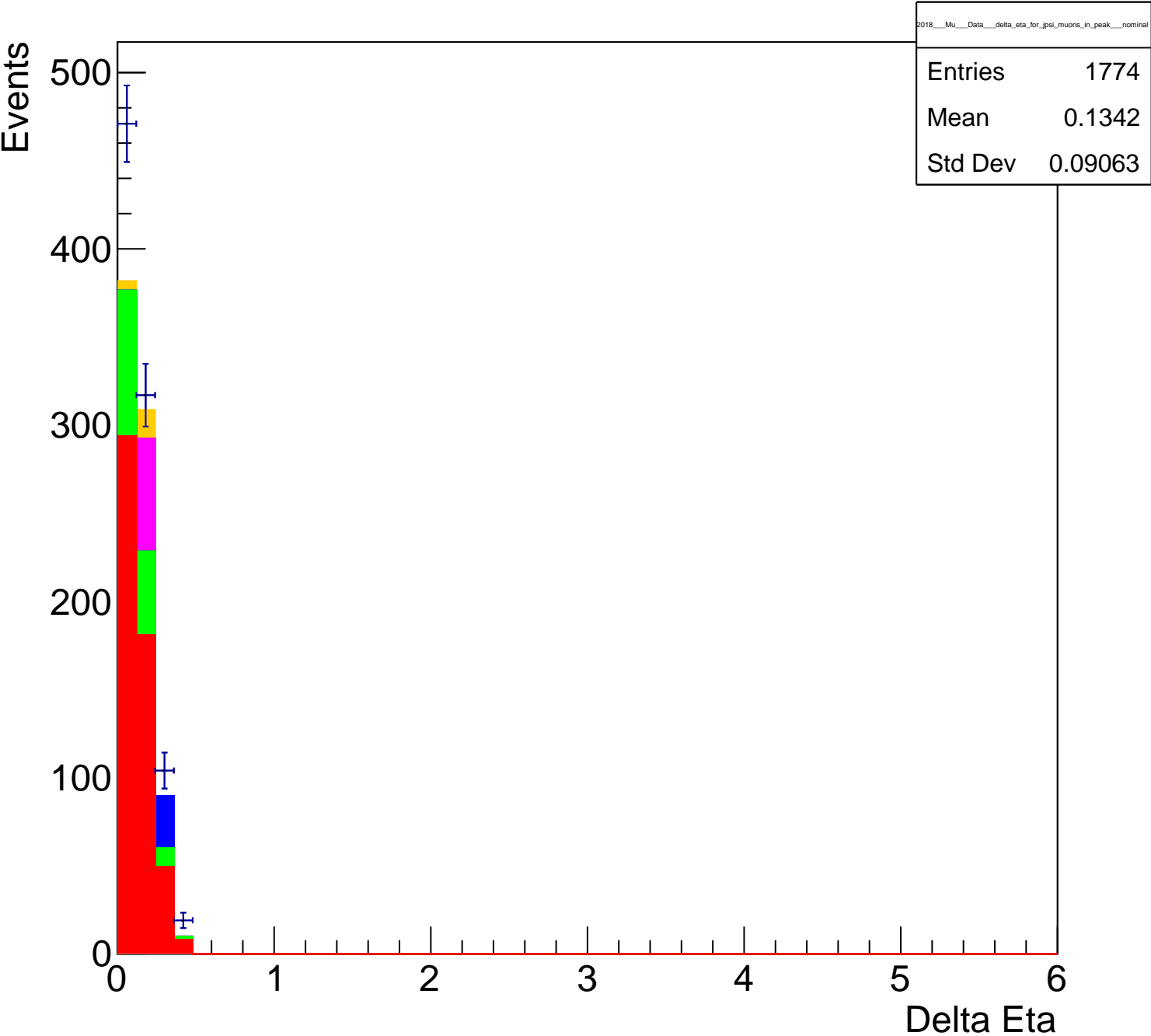


# J/Psi Mass Made from Muons In Peak

Events

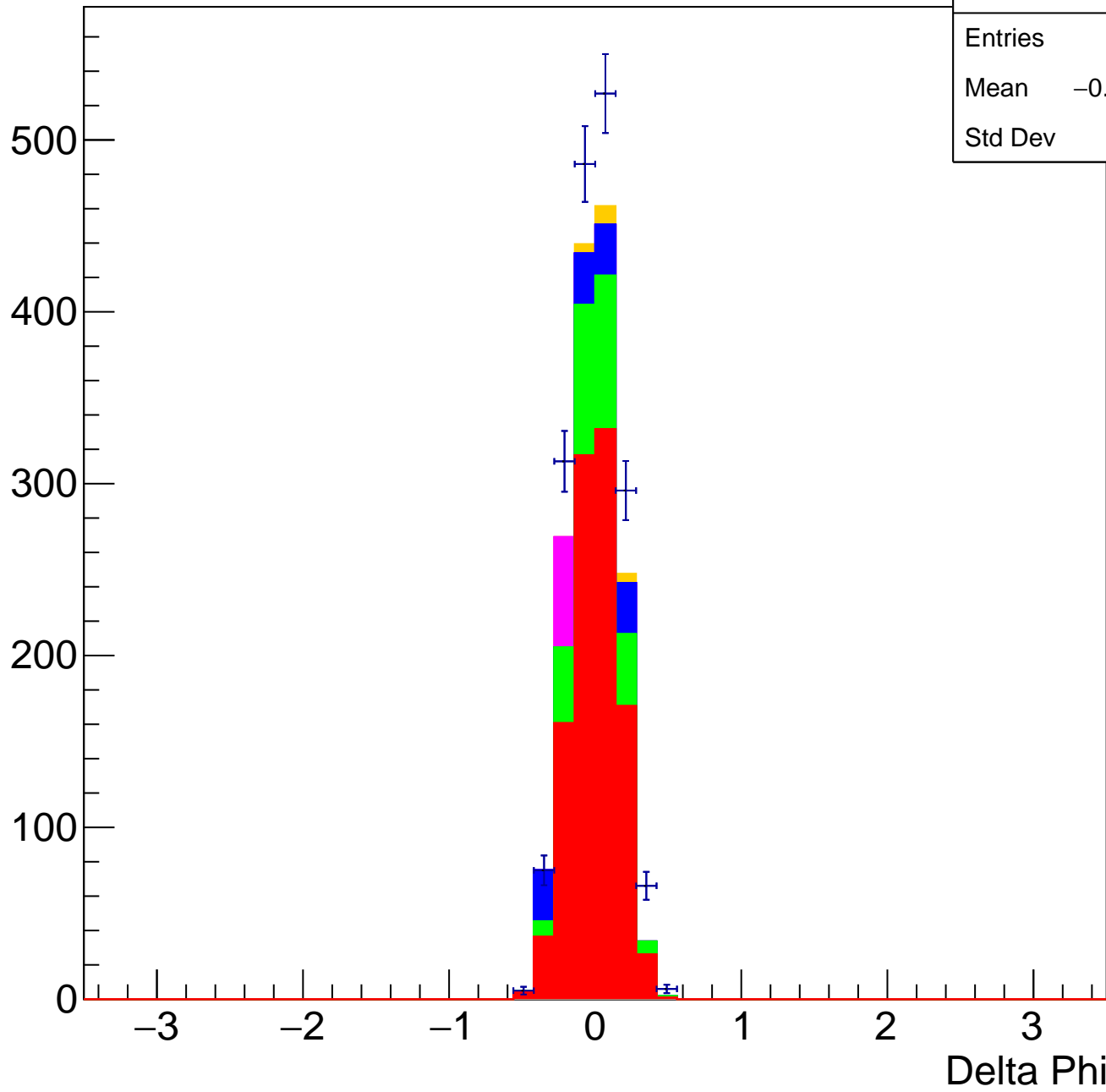


# Delta Eta For J/Psi Muons In Peak



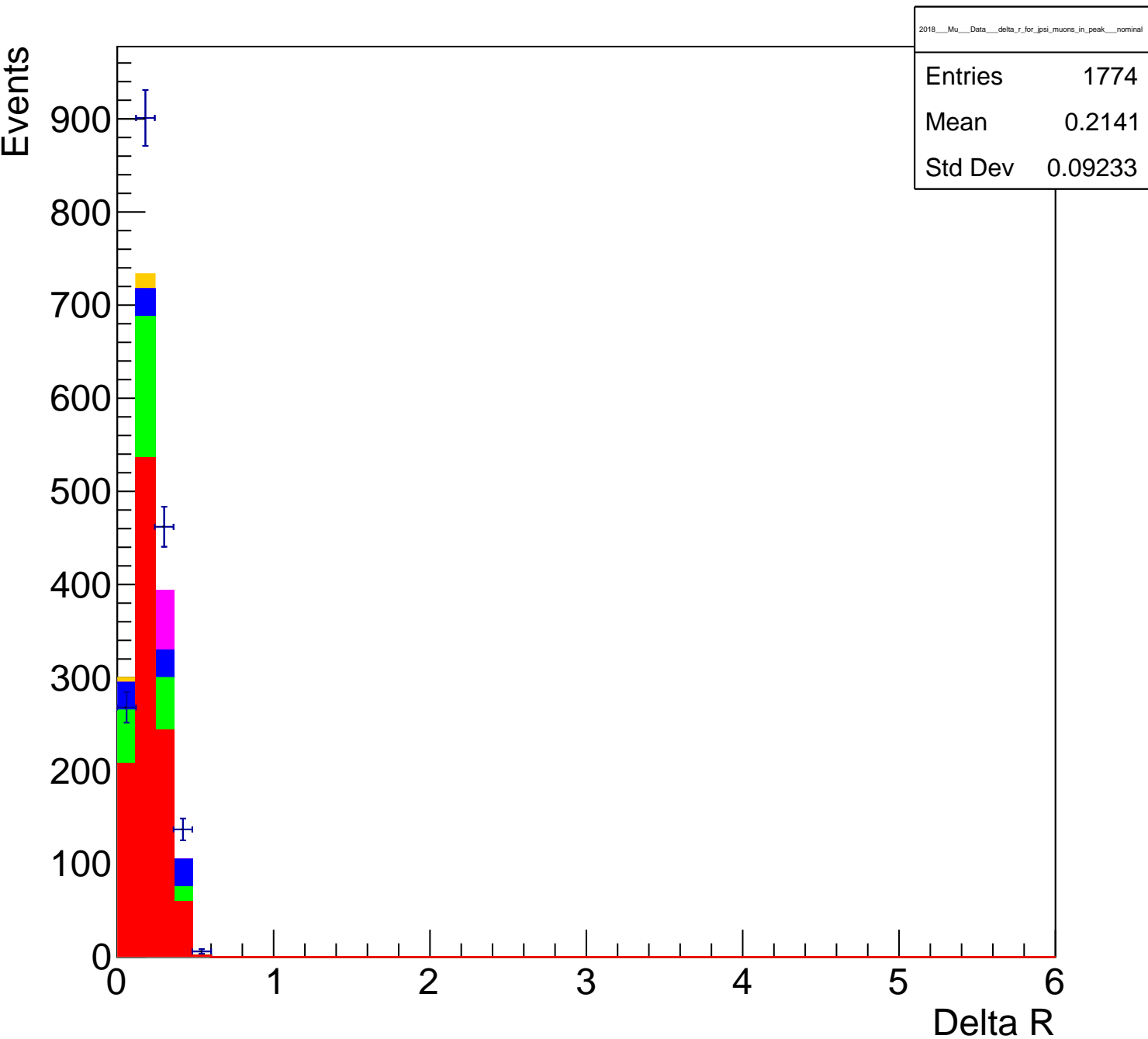
# Delta Phi For J/Psi Muons In Peak

Events



2018_Mu_Data_delta_phi_for_jpsi_muons_in_peak_nominal	
Entries	1774
Mean	-0.002685
Std Dev	0.1678

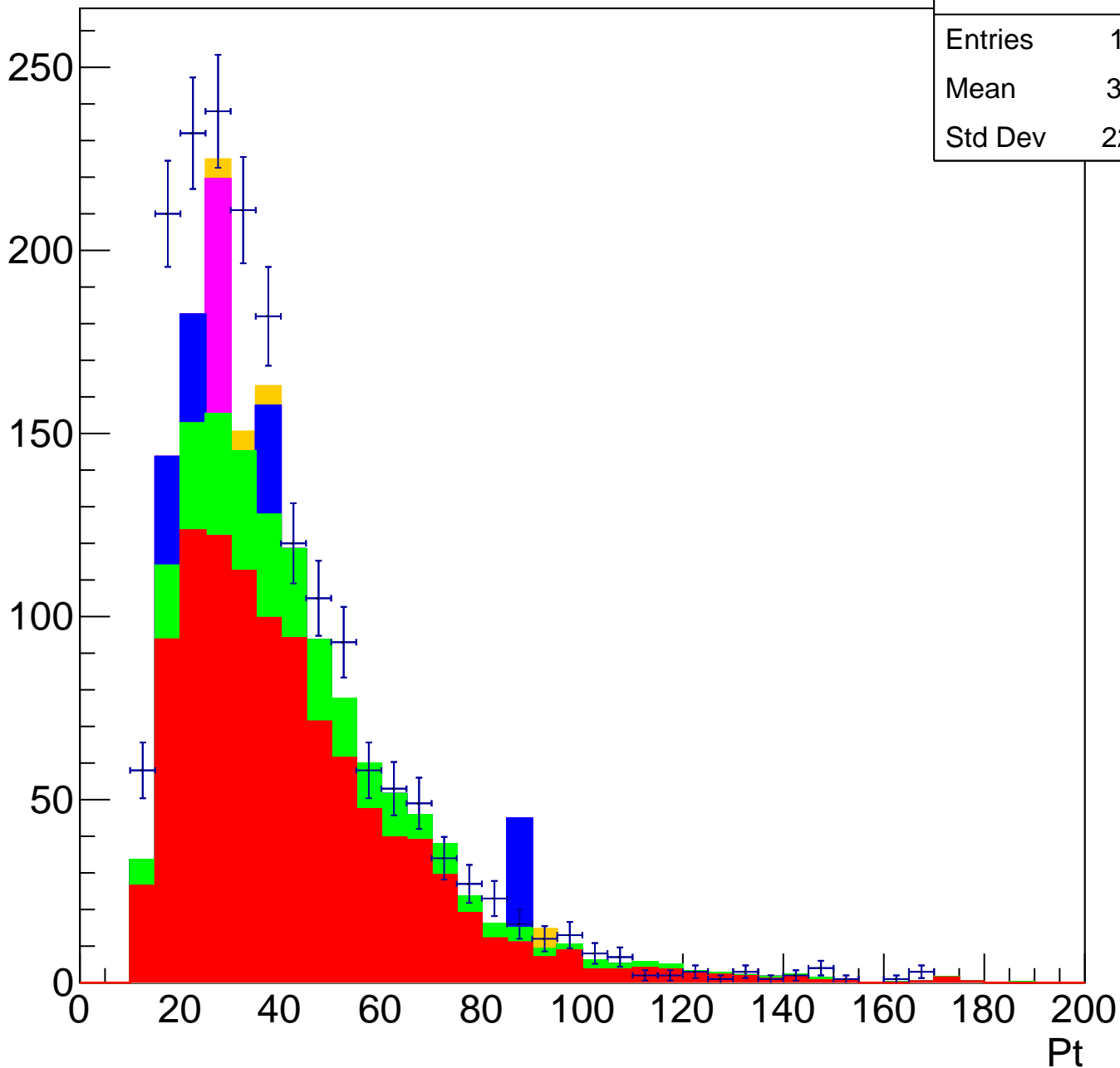
# Delta R For J/Psi Muons In Peak



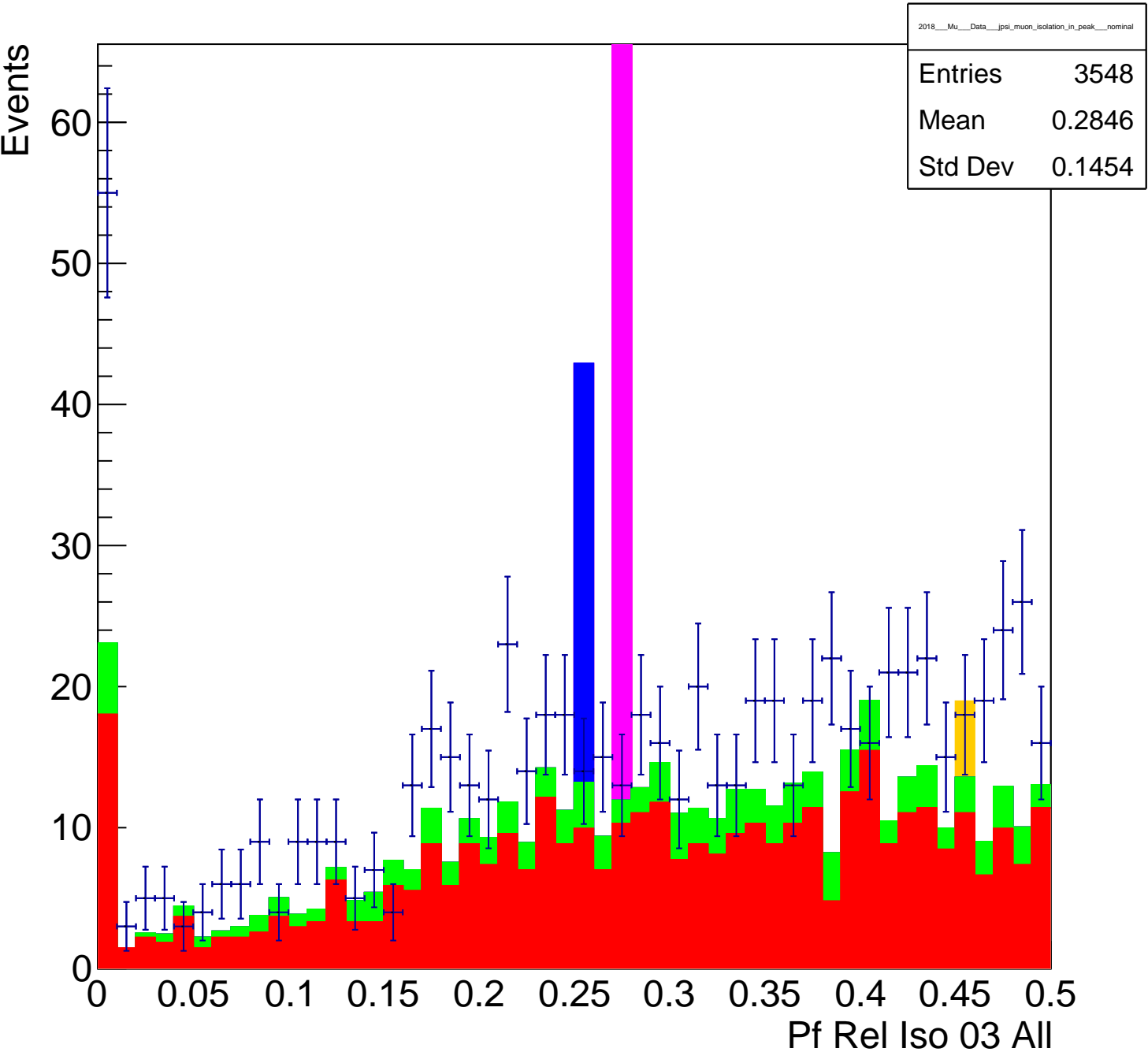


# J/Psi Pt With Muons In Peak

Events



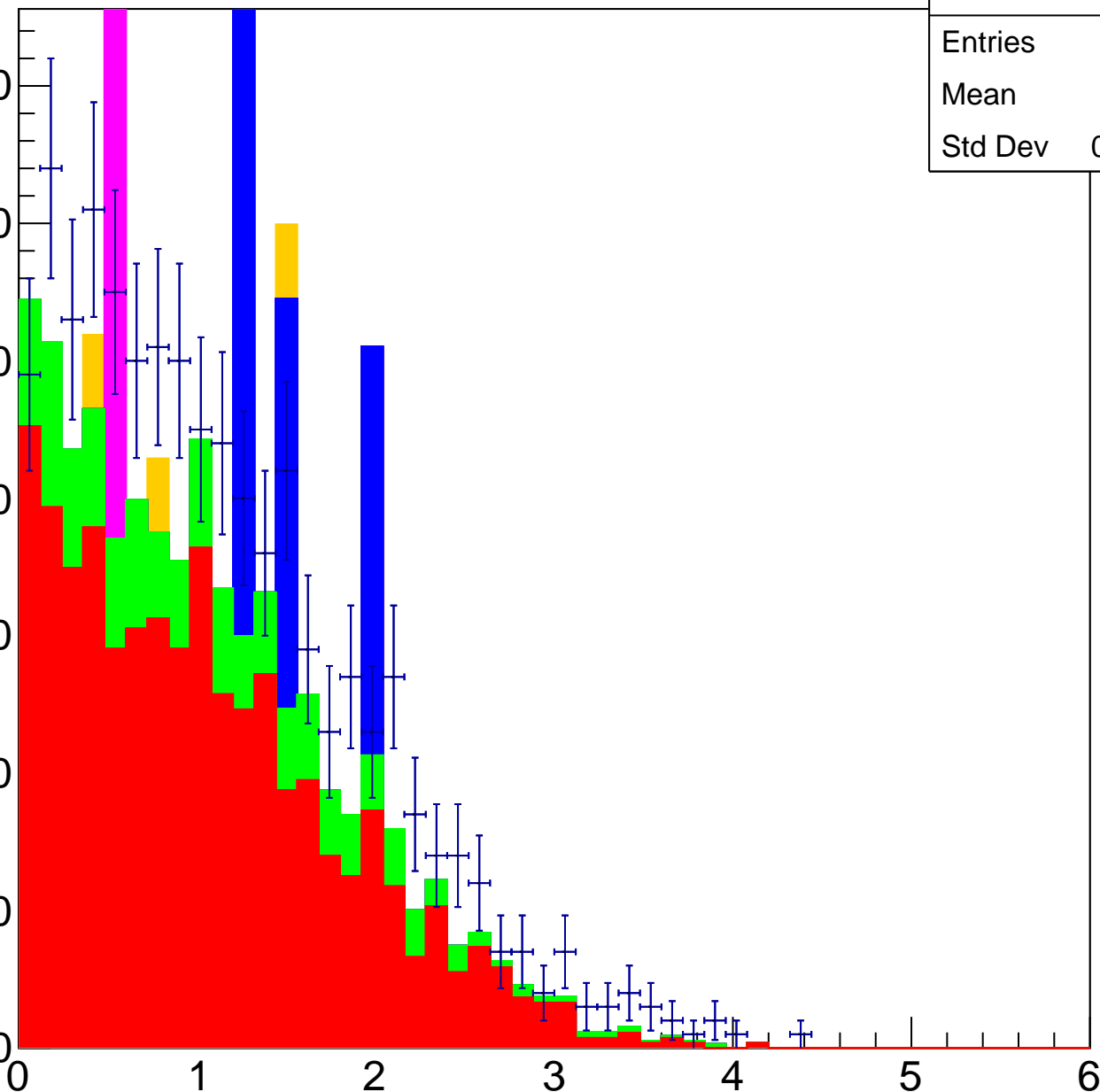
J/Psi Pf Rel Iso 03 All Made From Muons In Peak



# Delta Eta Between Isolated Muon And J/Psi

Events

70  
60  
50  
40  
30  
20  
10  
0



2018_Mu_Data_delta_eta_between_isolated_muon_and_jpsi_in_peak_nominal	
Entries	1773
Mean	1.126
Std Dev	0.8208

Delta Eta

# Delta Phi Between Isolated Muon And J/Psi

Events

120  
100  
80  
60  
40  
20  
0

-3

-2

-1

0

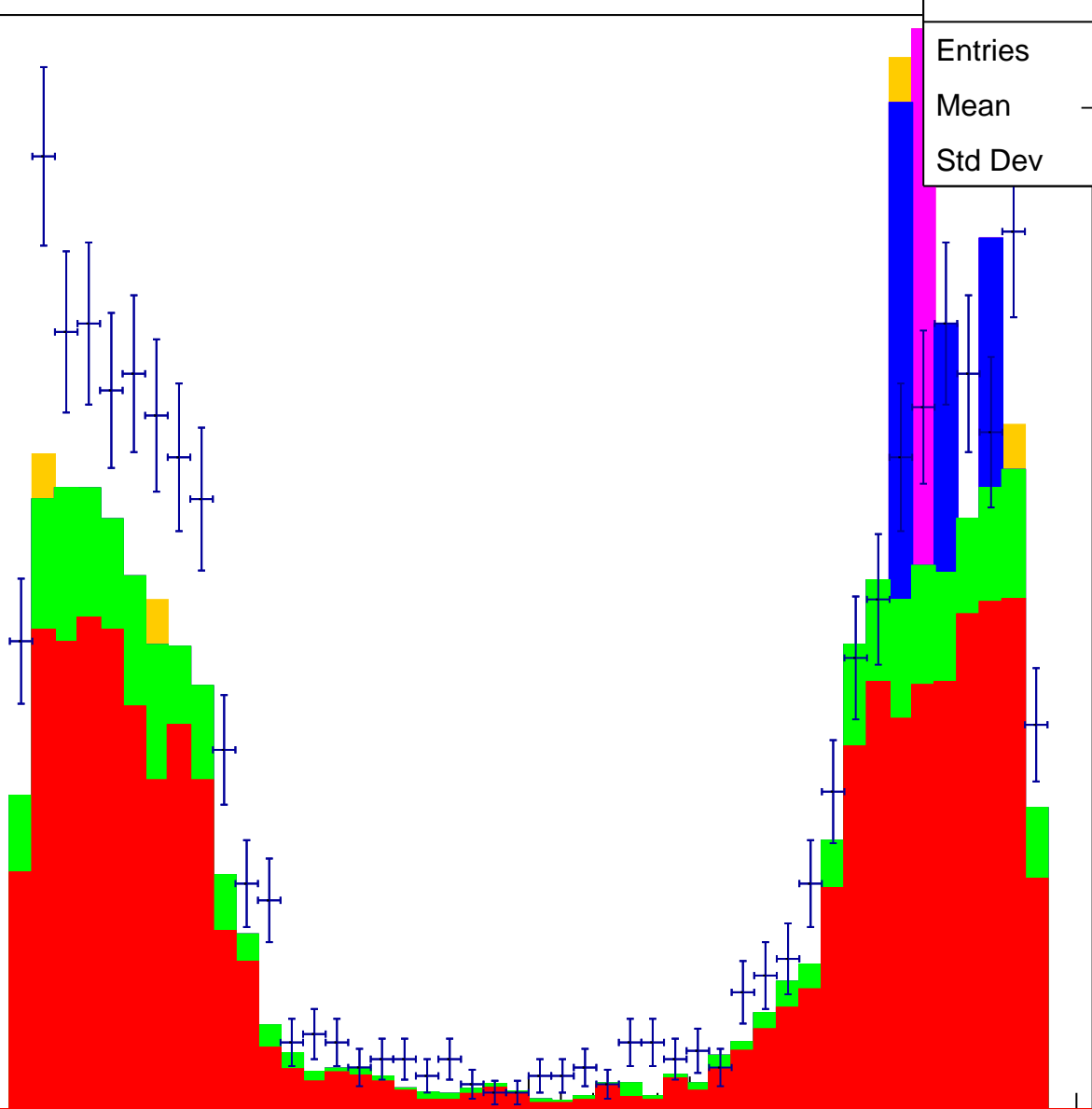
1

2

3

Delta Phi

2018_Mu_Data_delta_phi_between_isolated_muon_and_jpsi_in_peak_nominal	
Entries	1773
Mean	-0.1043
Std Dev	2.461



# Delta R Between Isolated Muon And J/Psi

