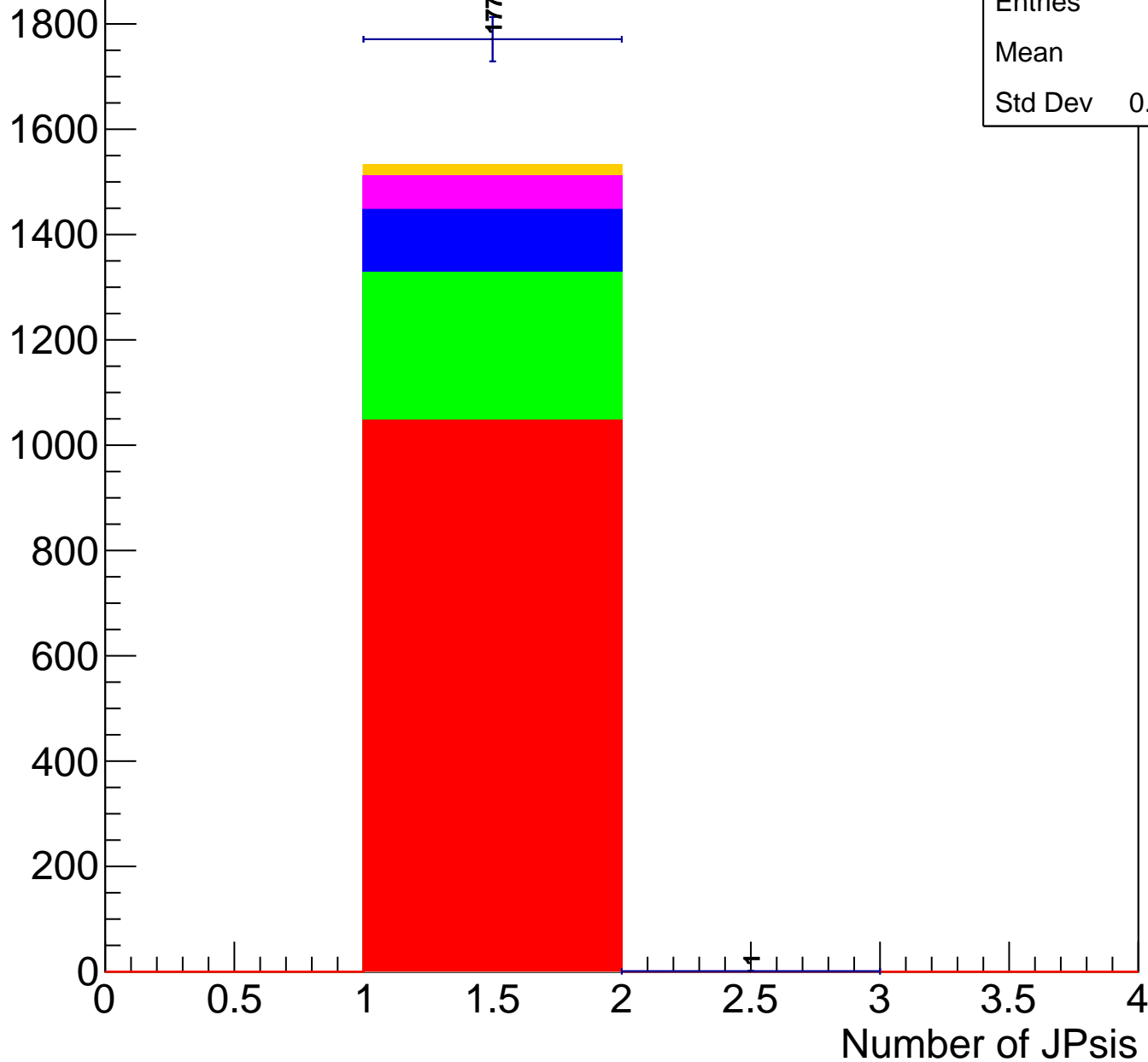


Number of JPsis

Events



2018__Mu__Data__number_of_jpsis__nominal

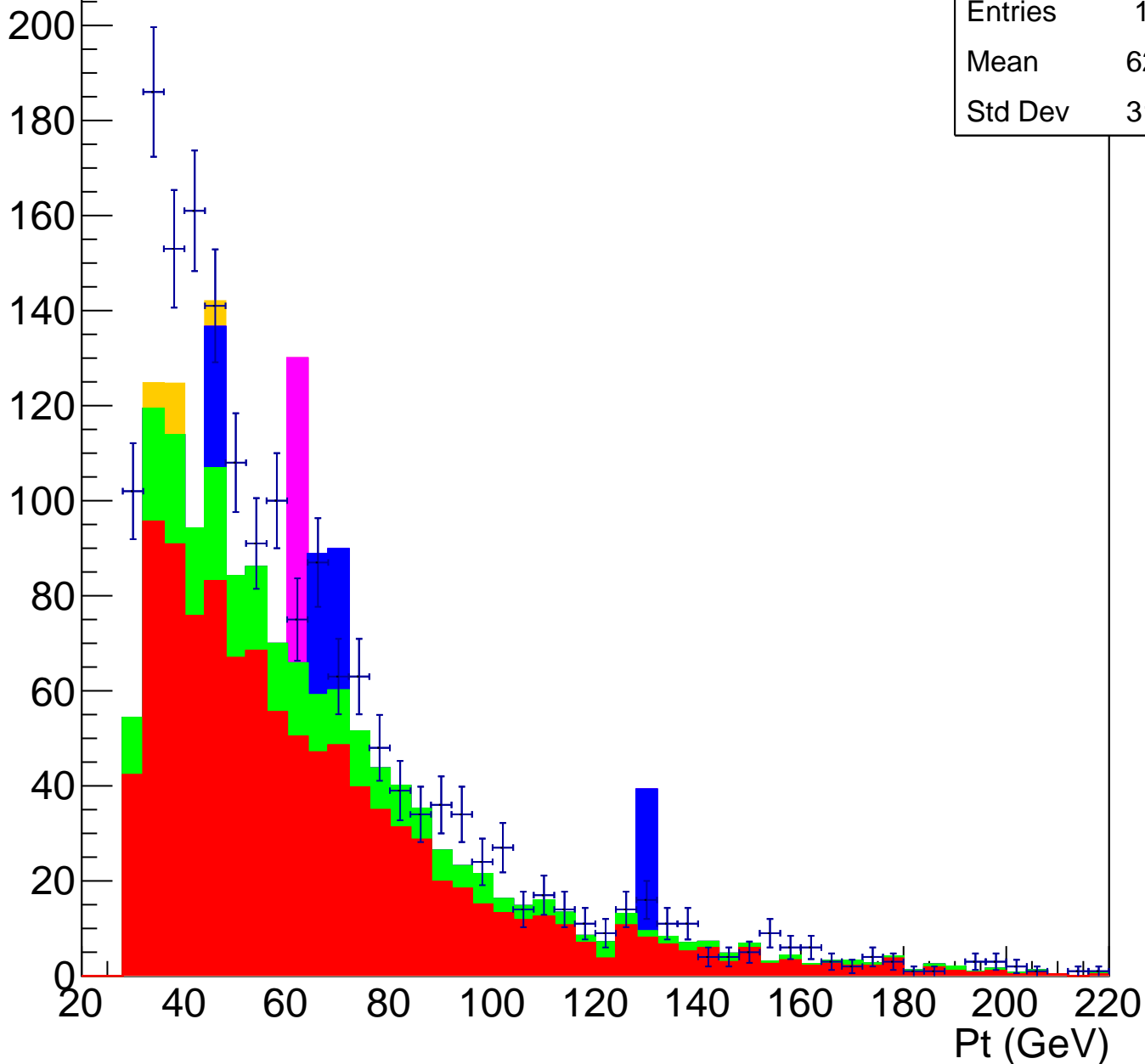
Entries 1772

Mean 1.001

Std Dev 0.02375

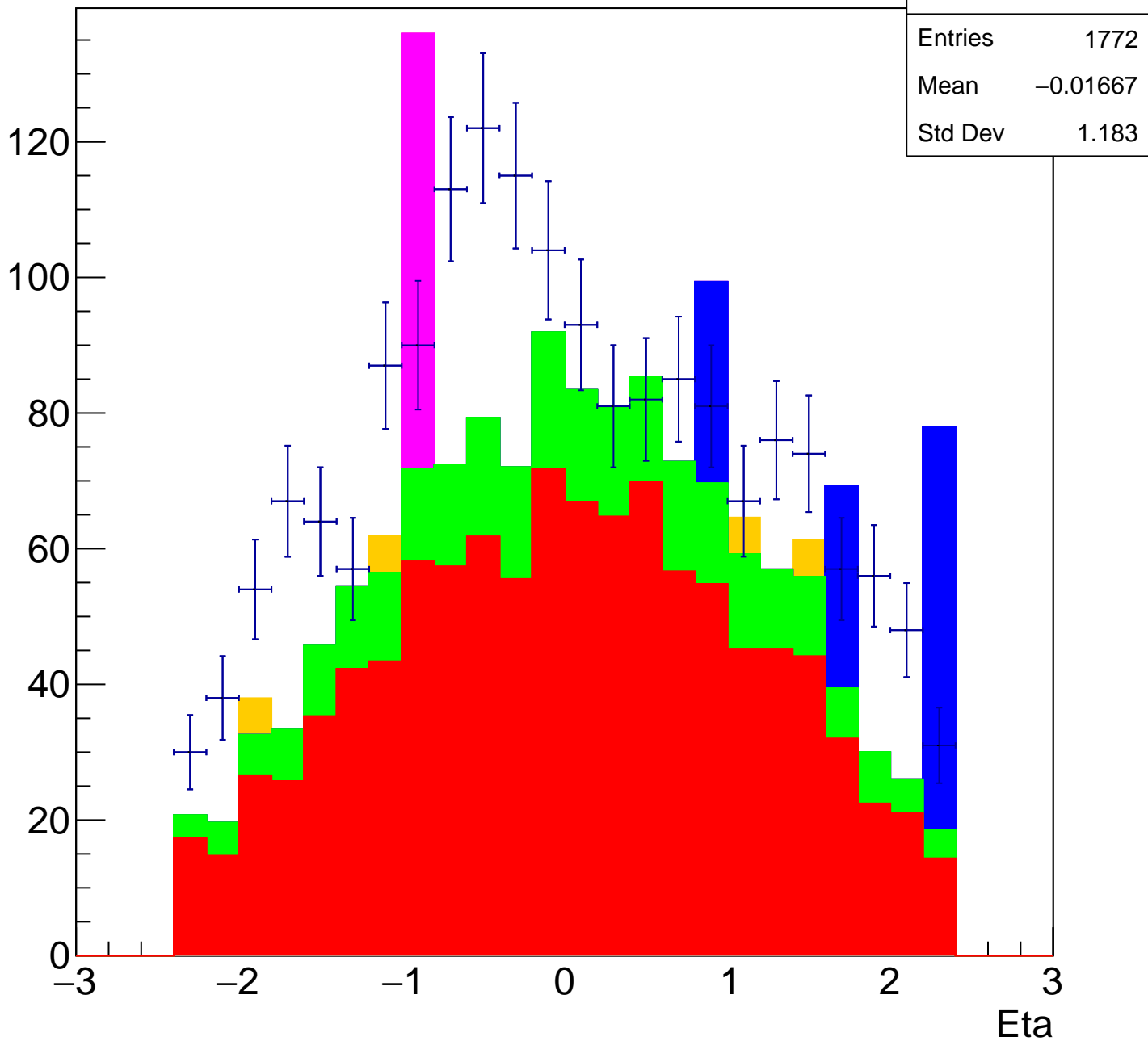
Leading Isolated Muon Transverse Momentum

Events



Leading Isolated Muon Pseudorapidity

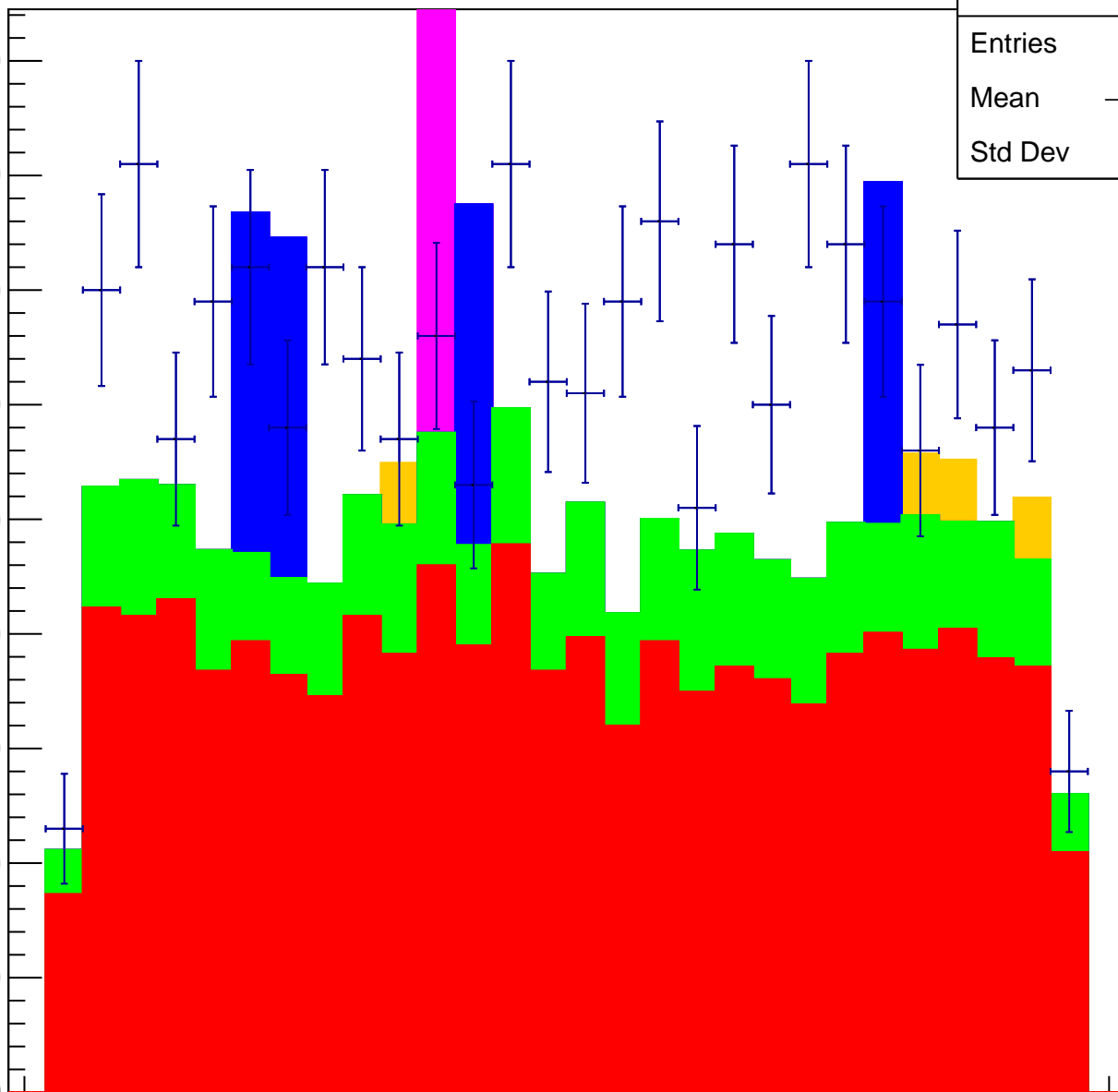
Events



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)

-3

-2

-1

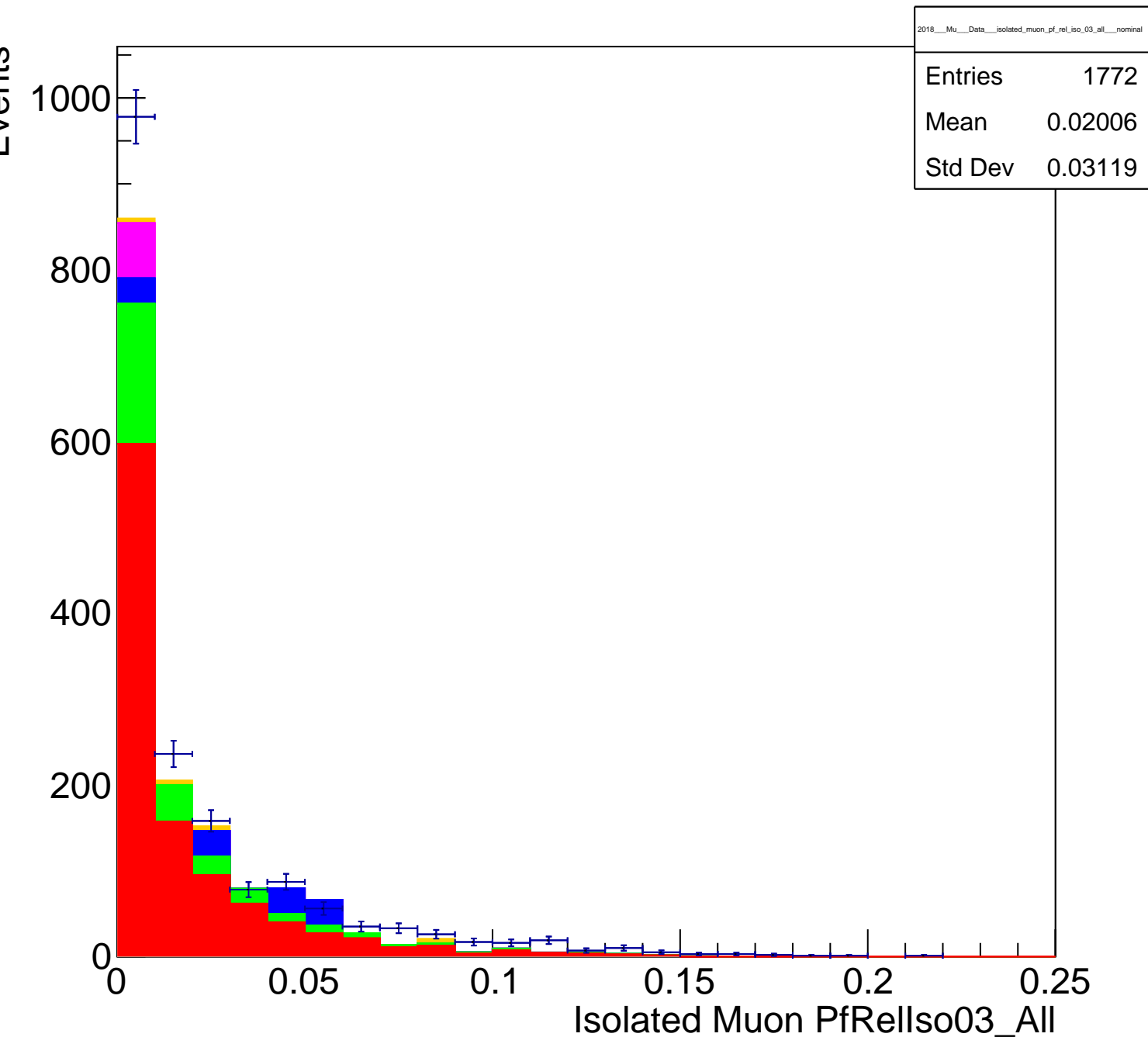
0

1

2

3

Isolated Muon PfRelIso03_All



Number Of Jets

Events

600

500

400

300

200

100

0

0

2

4

6

8

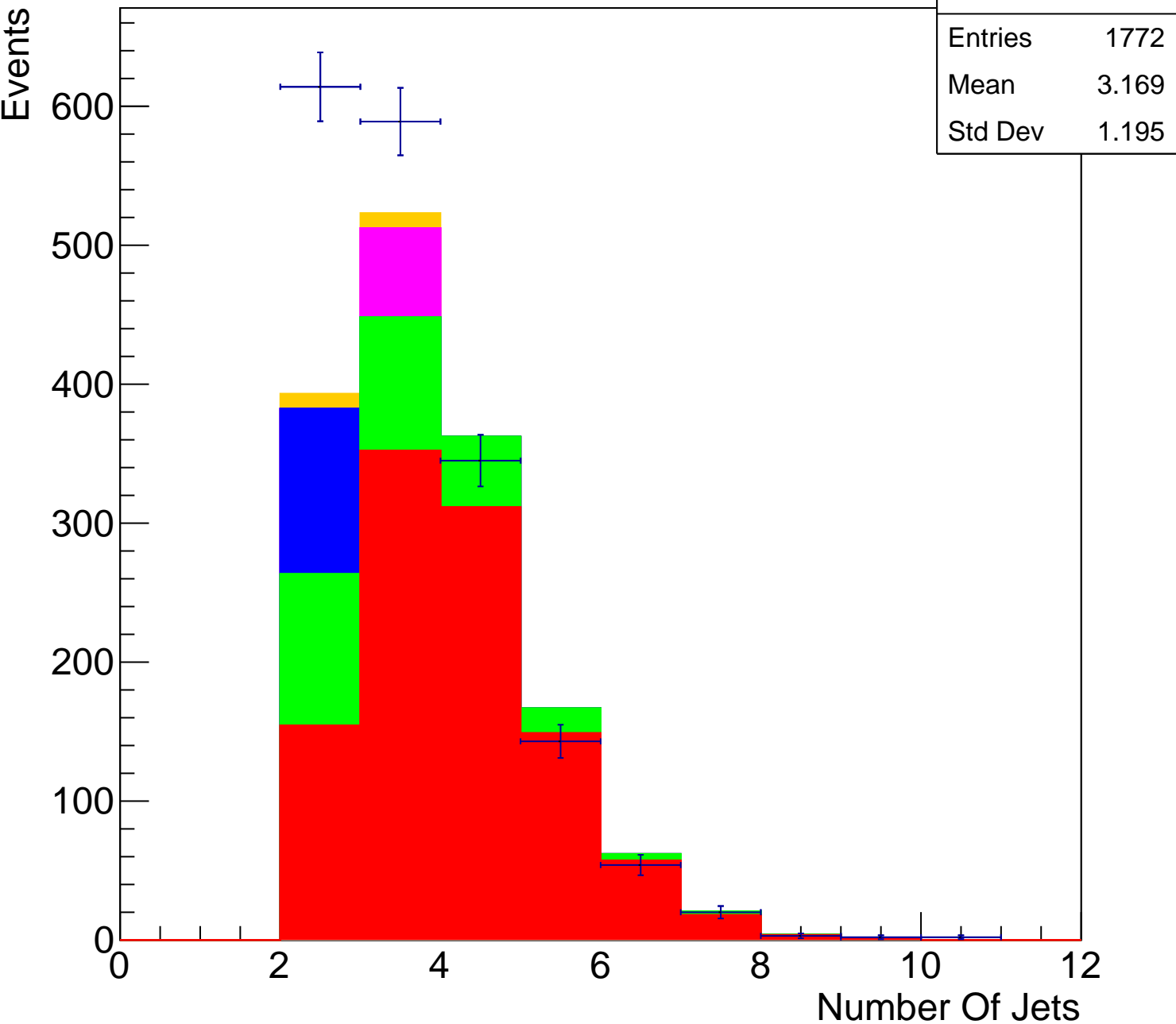
Number Of Jets

2018__Mu__Data__number_of_jets__nominal

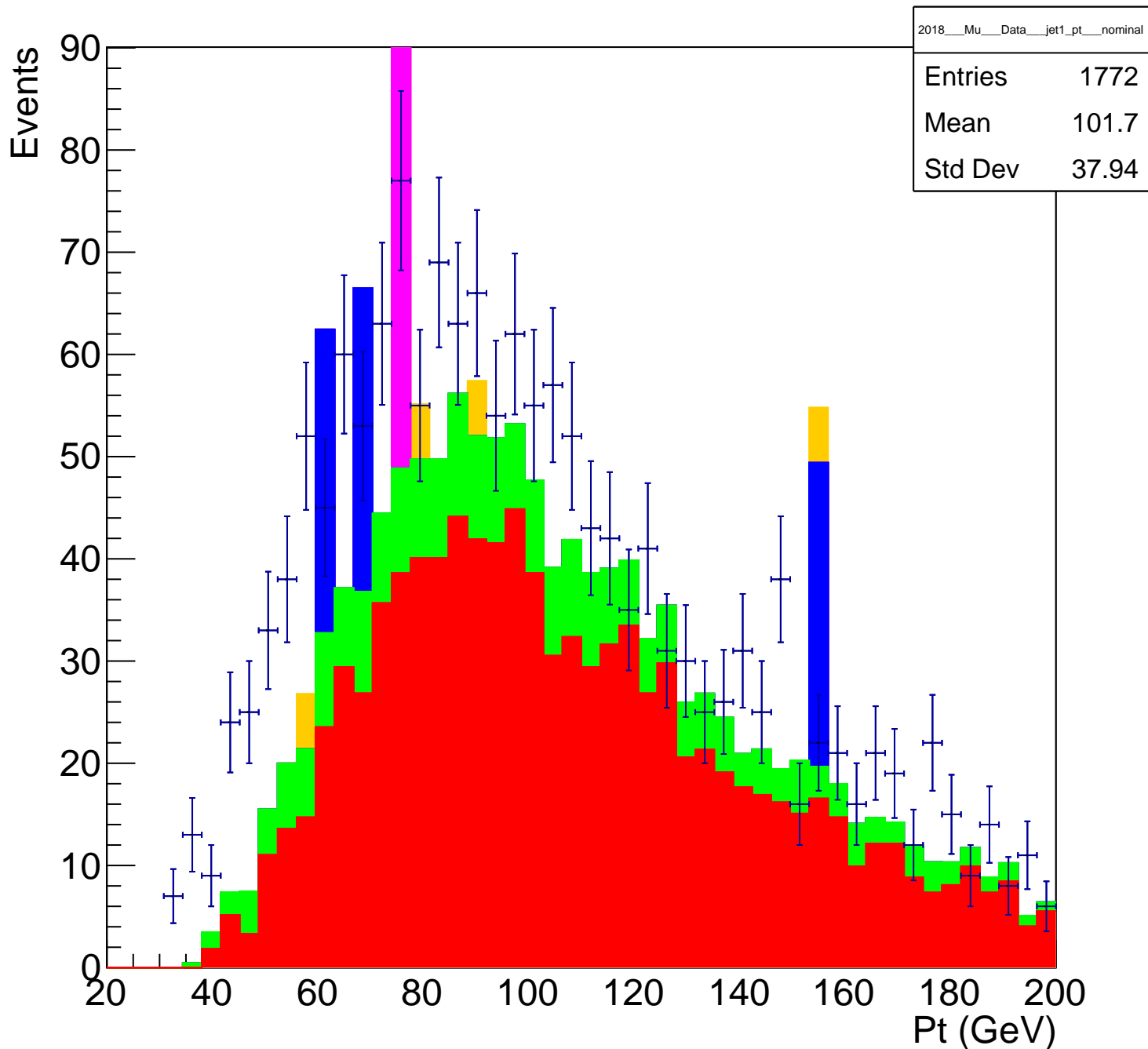
Entries 1772

Mean 3.169

Std Dev 1.195

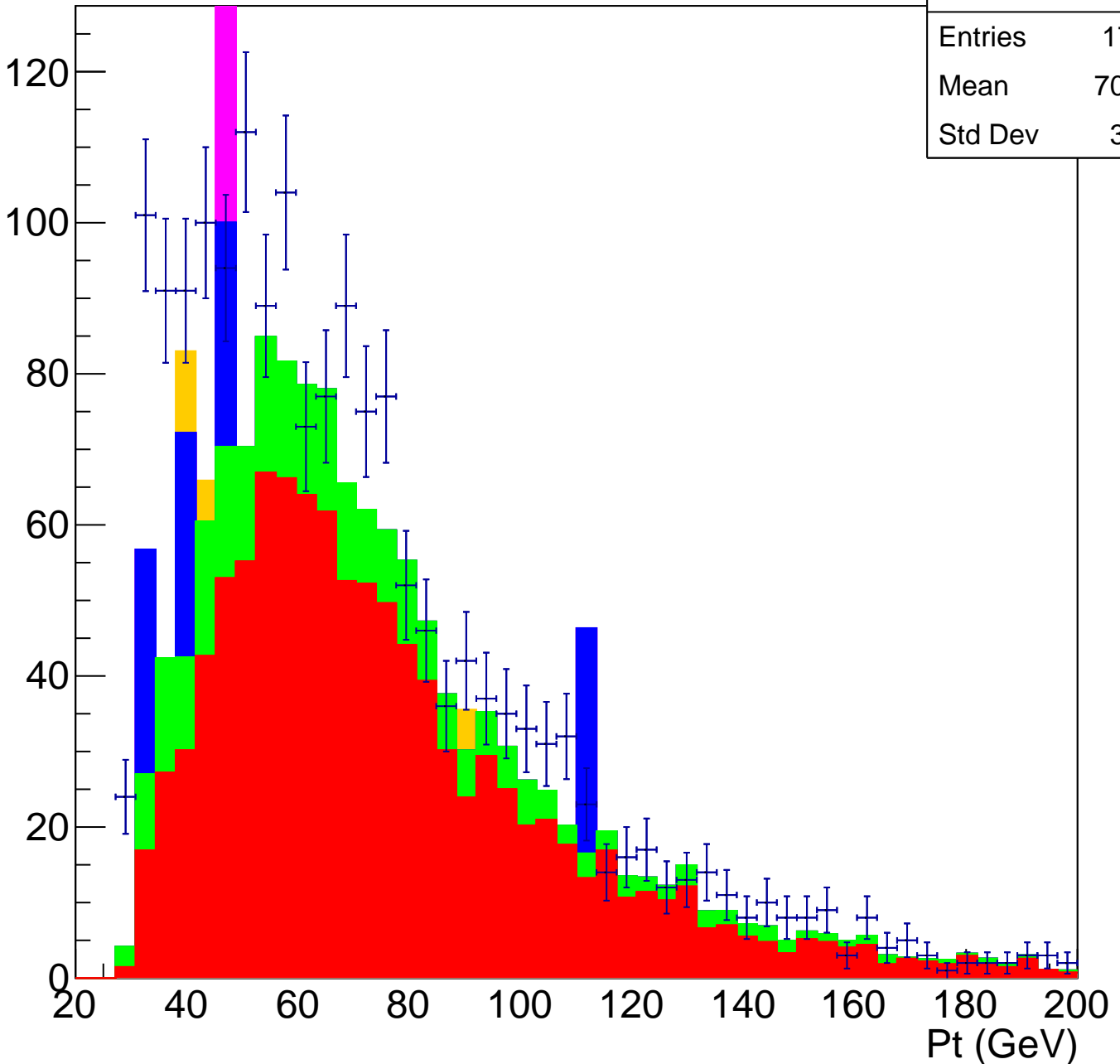


Jet Transverse Momentum for Leading Jet



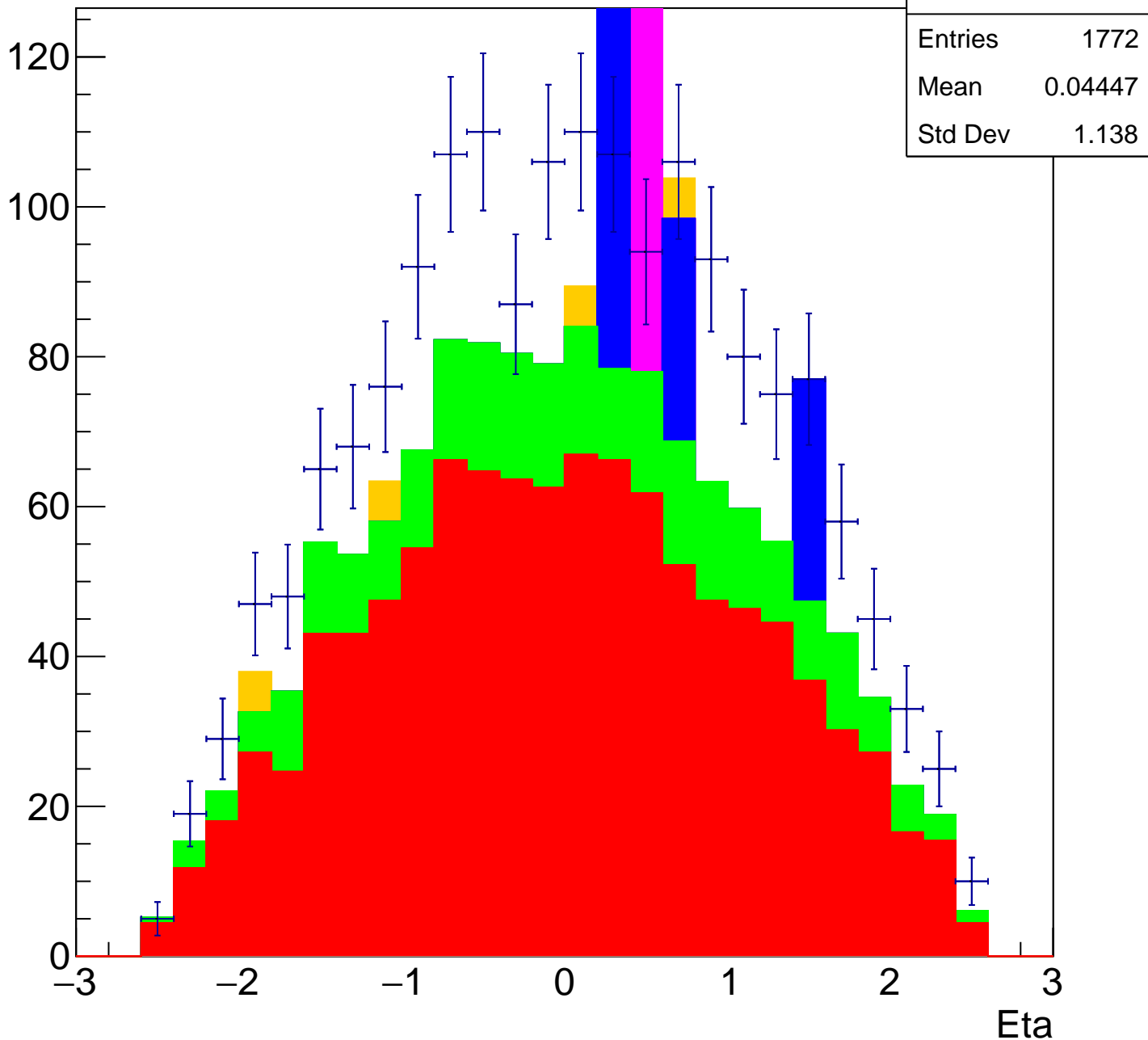
Jet Transverse Momentum for Subleading Jet

Events



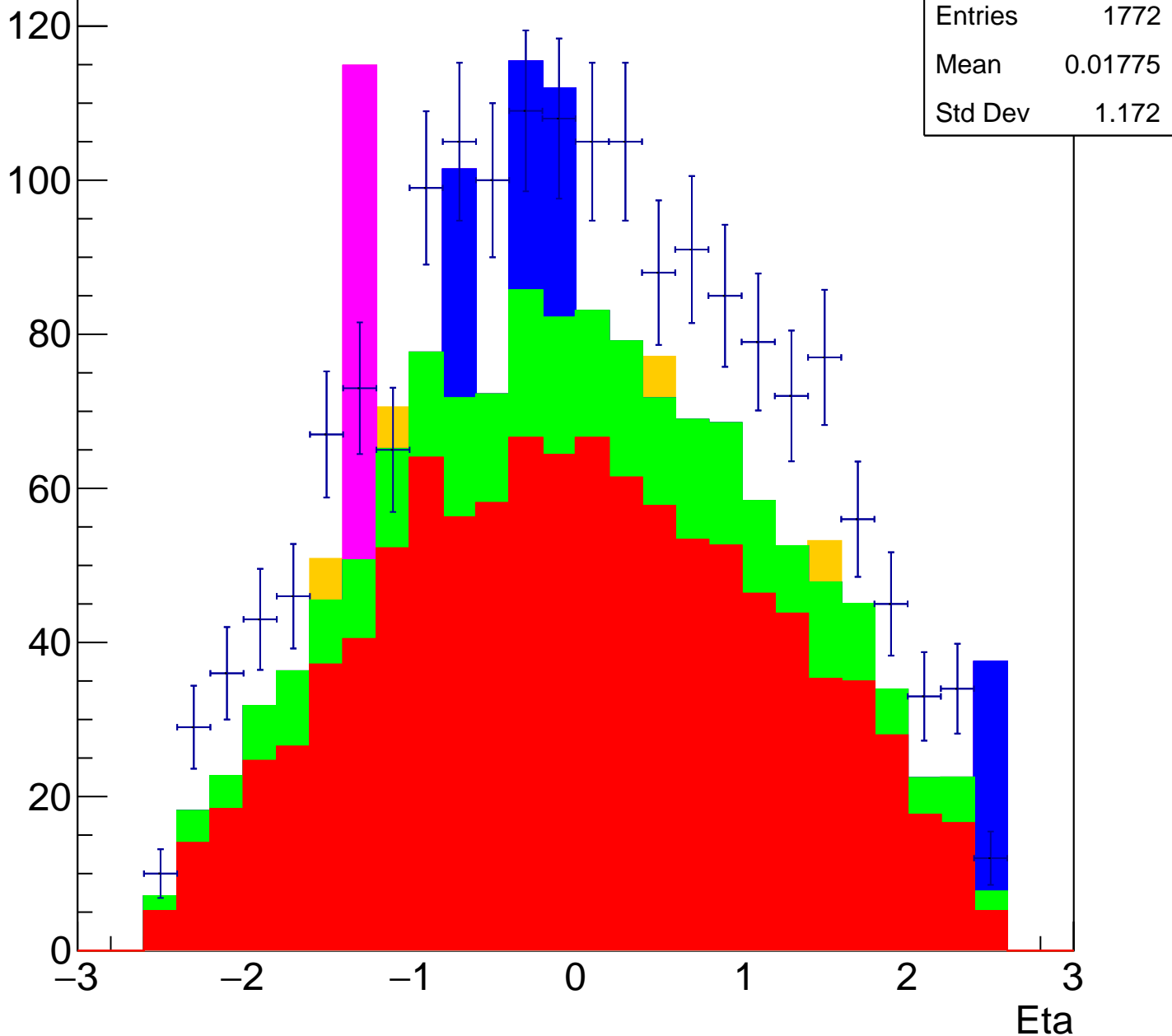
Jet Pseudorapidity for Leading Jet

Events



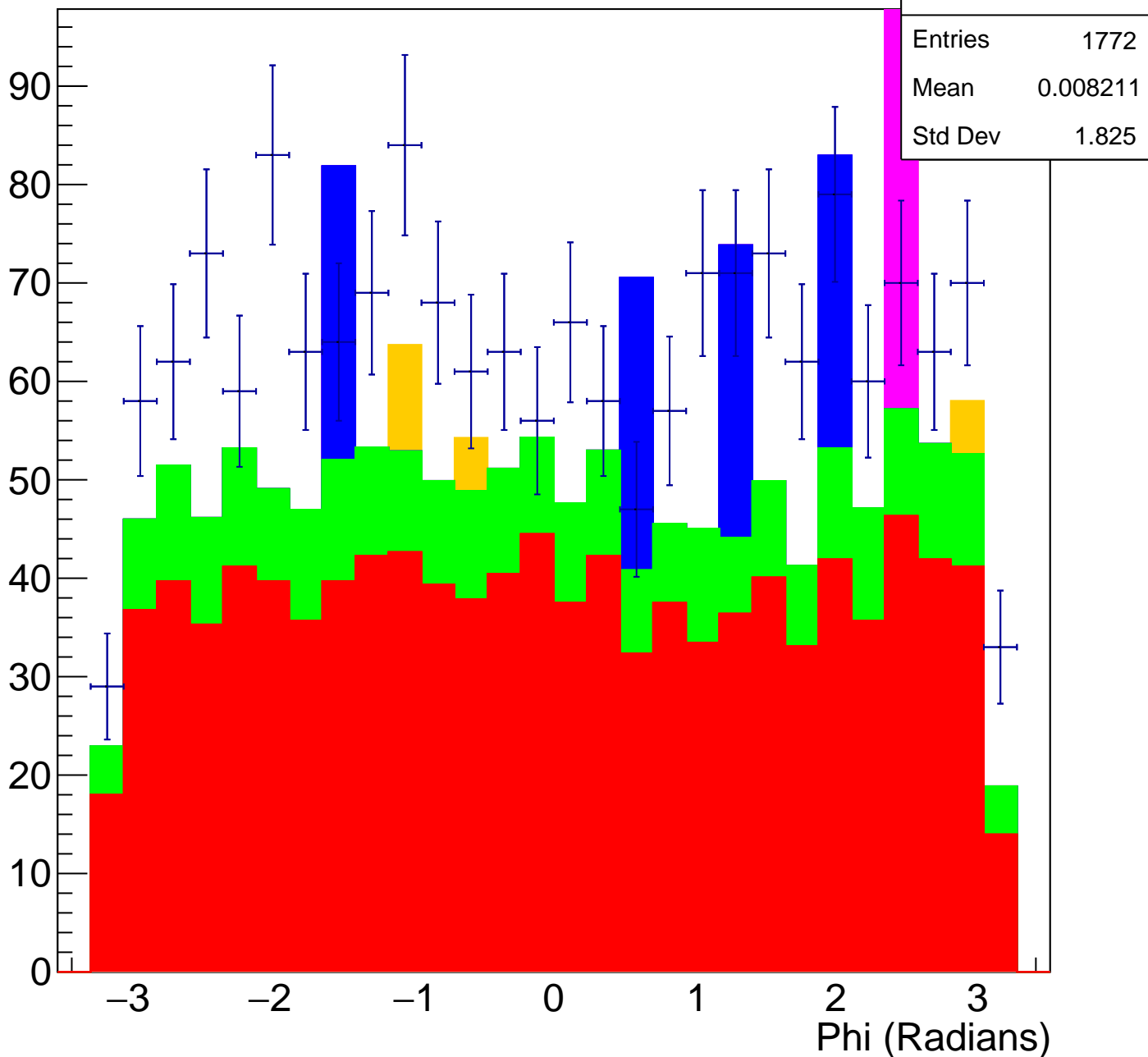
Jet Pseudorapidity for Subleading Jet

Events

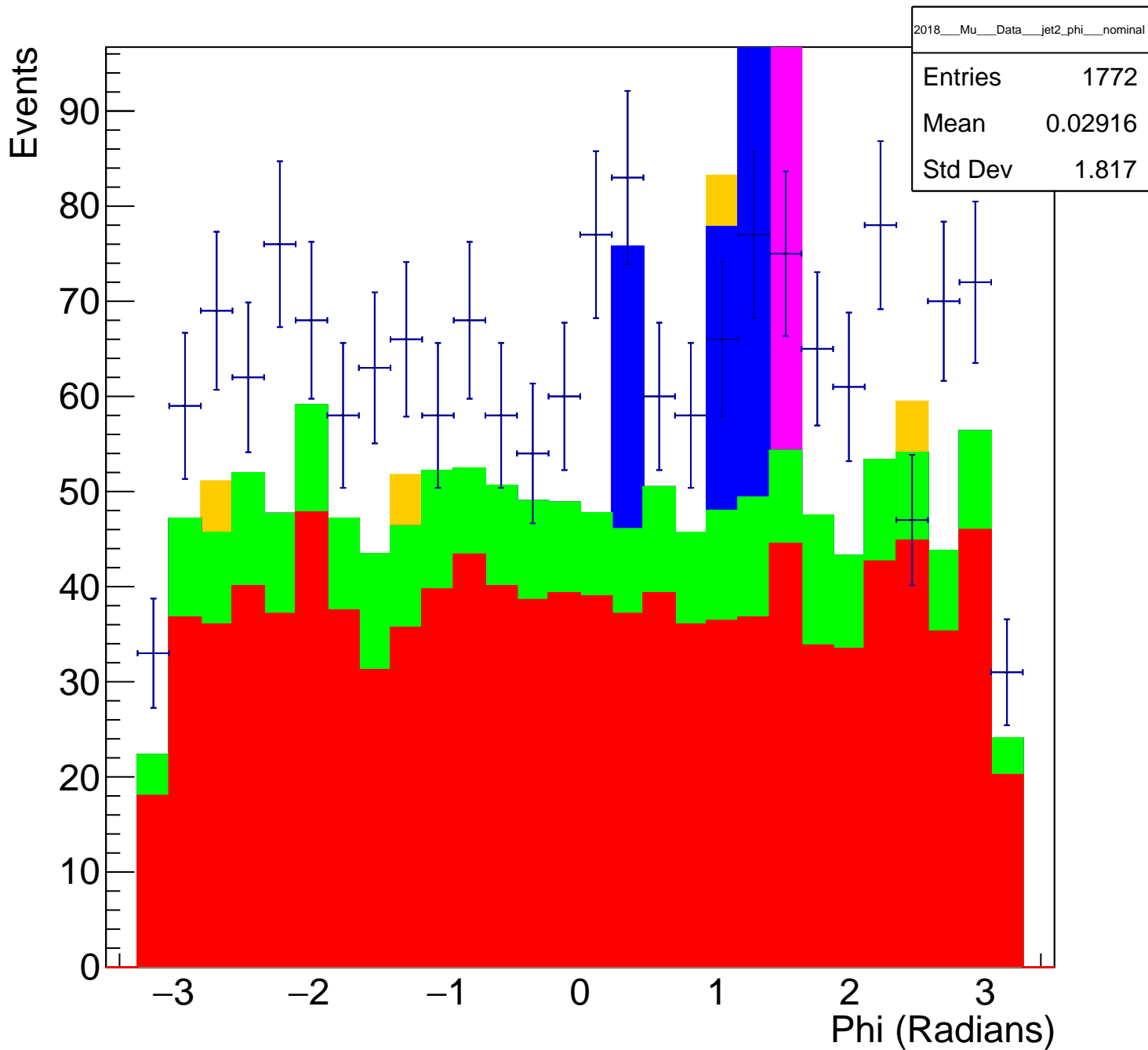


Jet Angle for Leading Jet

Events

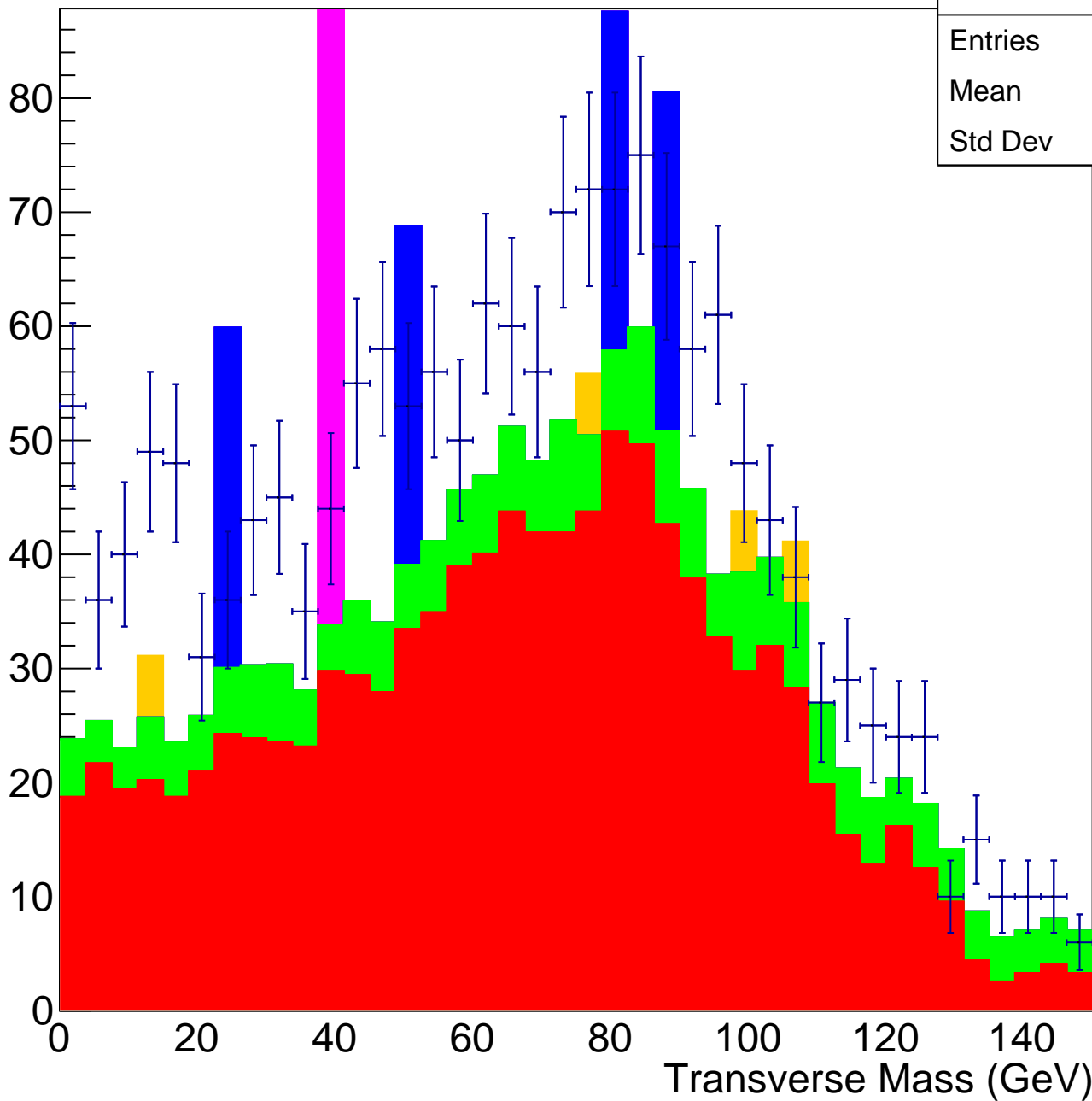


Jet Angle for Subleading Jet



Transverse Mass

Events



2018__Mu__Data__transverse_mass__nominal

Entries 1772

Mean 65.39

Std Dev 35.32

Ht

Events

240
220
200
180
160
140
120
100
80
60
40
20
0

0

200

400

600

800

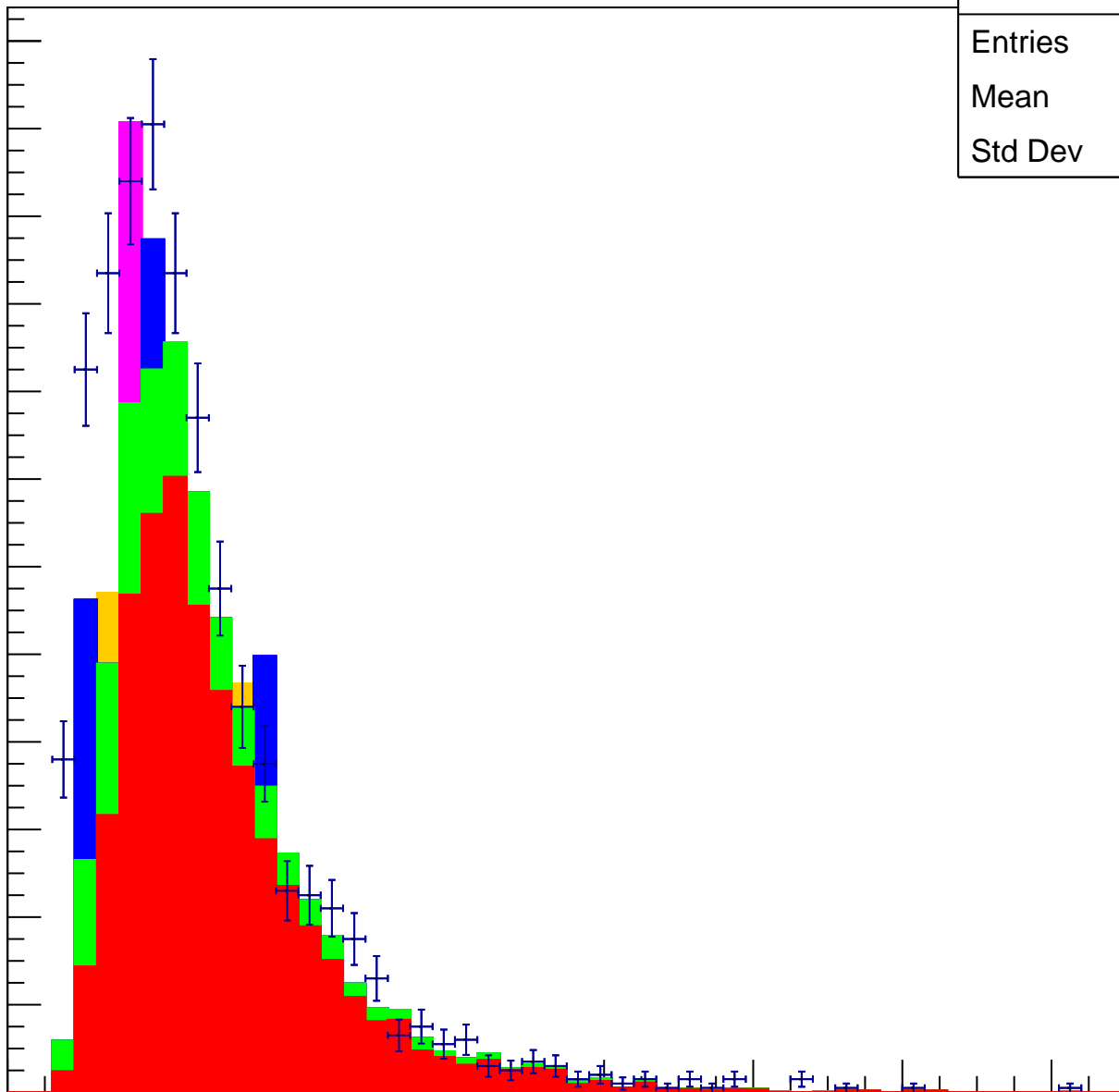
1000

1200

1400

Ht

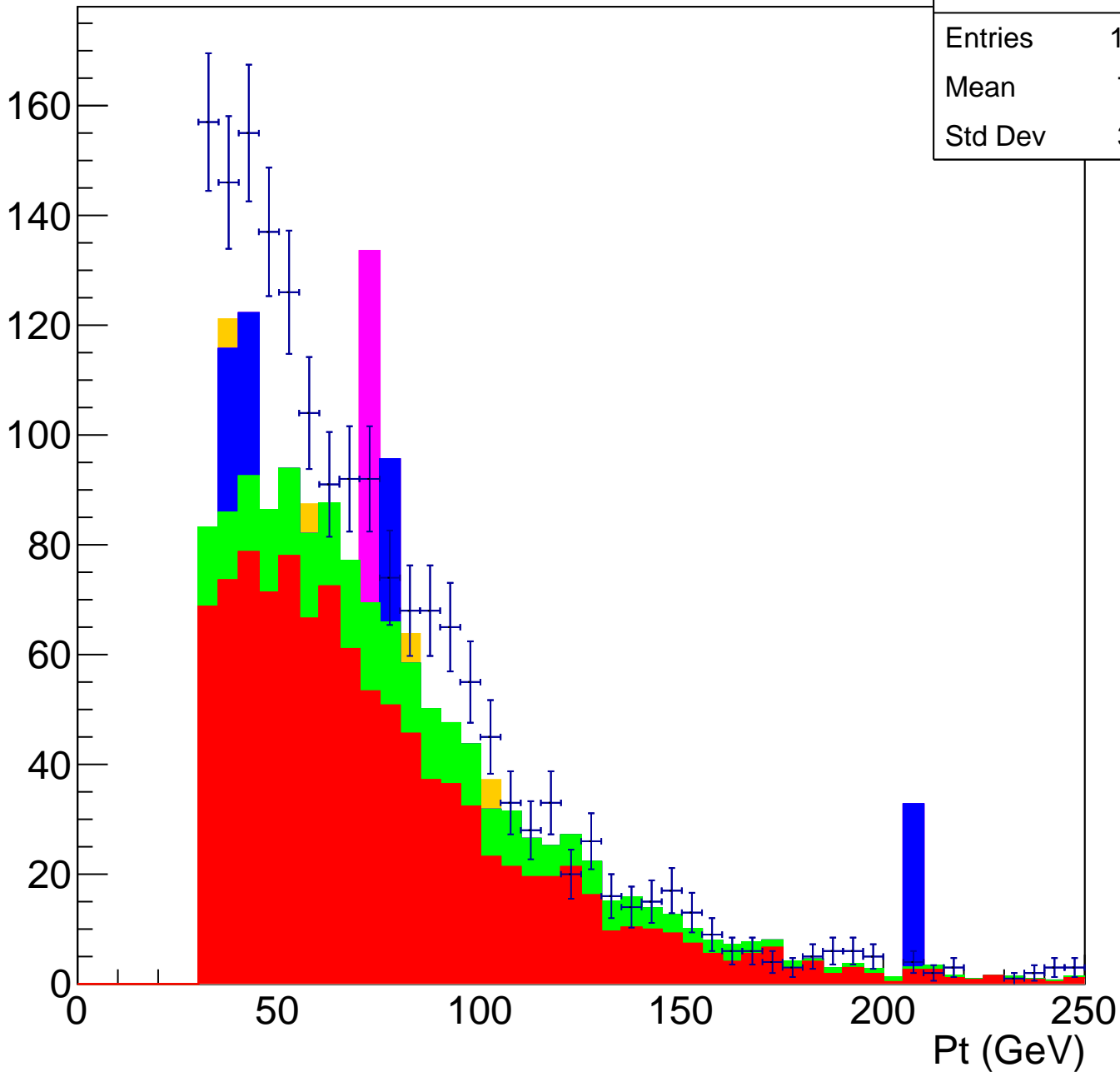
2018__Mu__Data__ht__nominal	
Entries	1772
Mean	251.5
Std Dev	151.5



MET

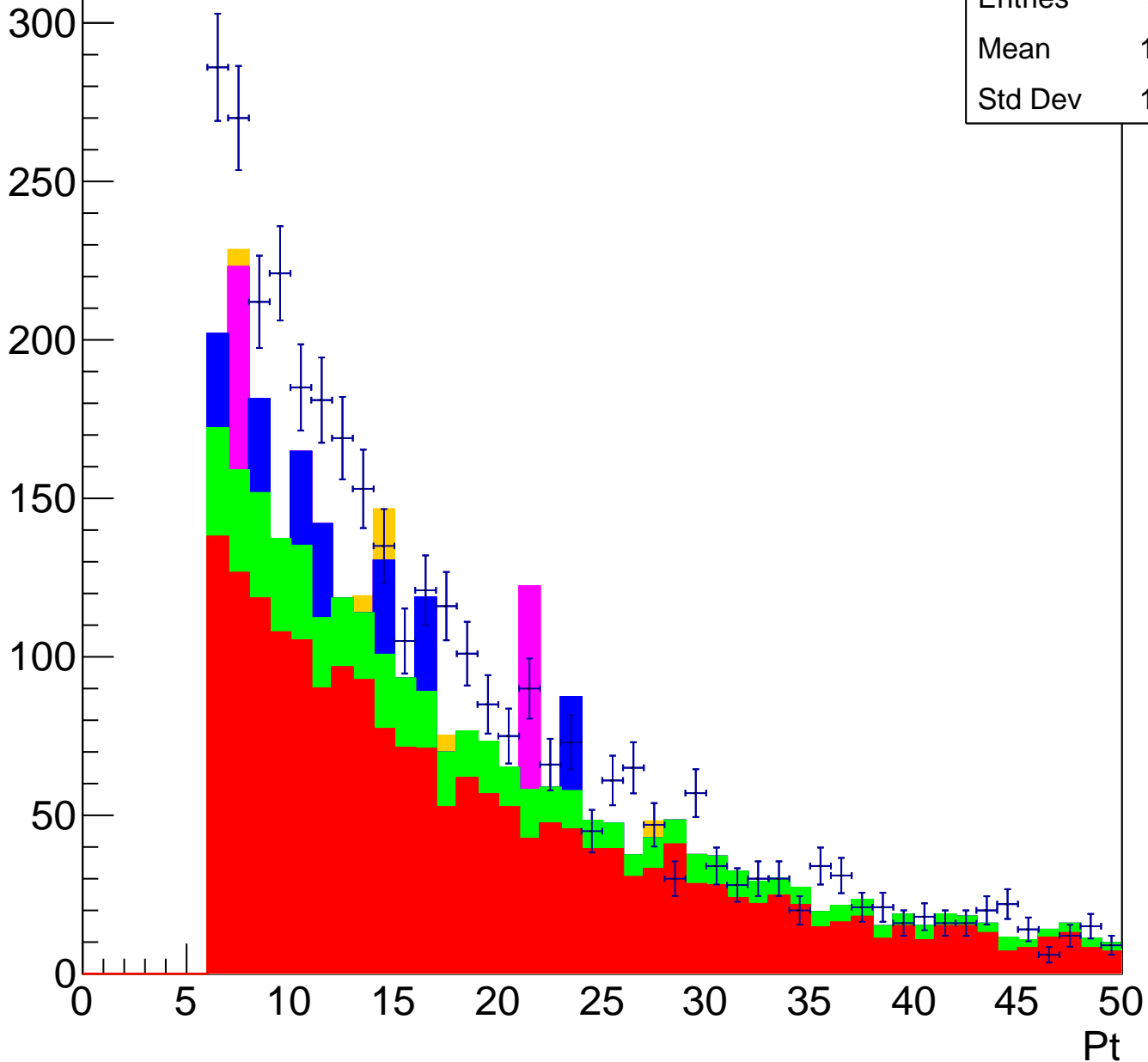
Events

2018__Mu__Data__met__nominal	
Entries	1772
Mean	72.8
Std Dev	37.7



Transverse Momentum for JPsi Muons

Events

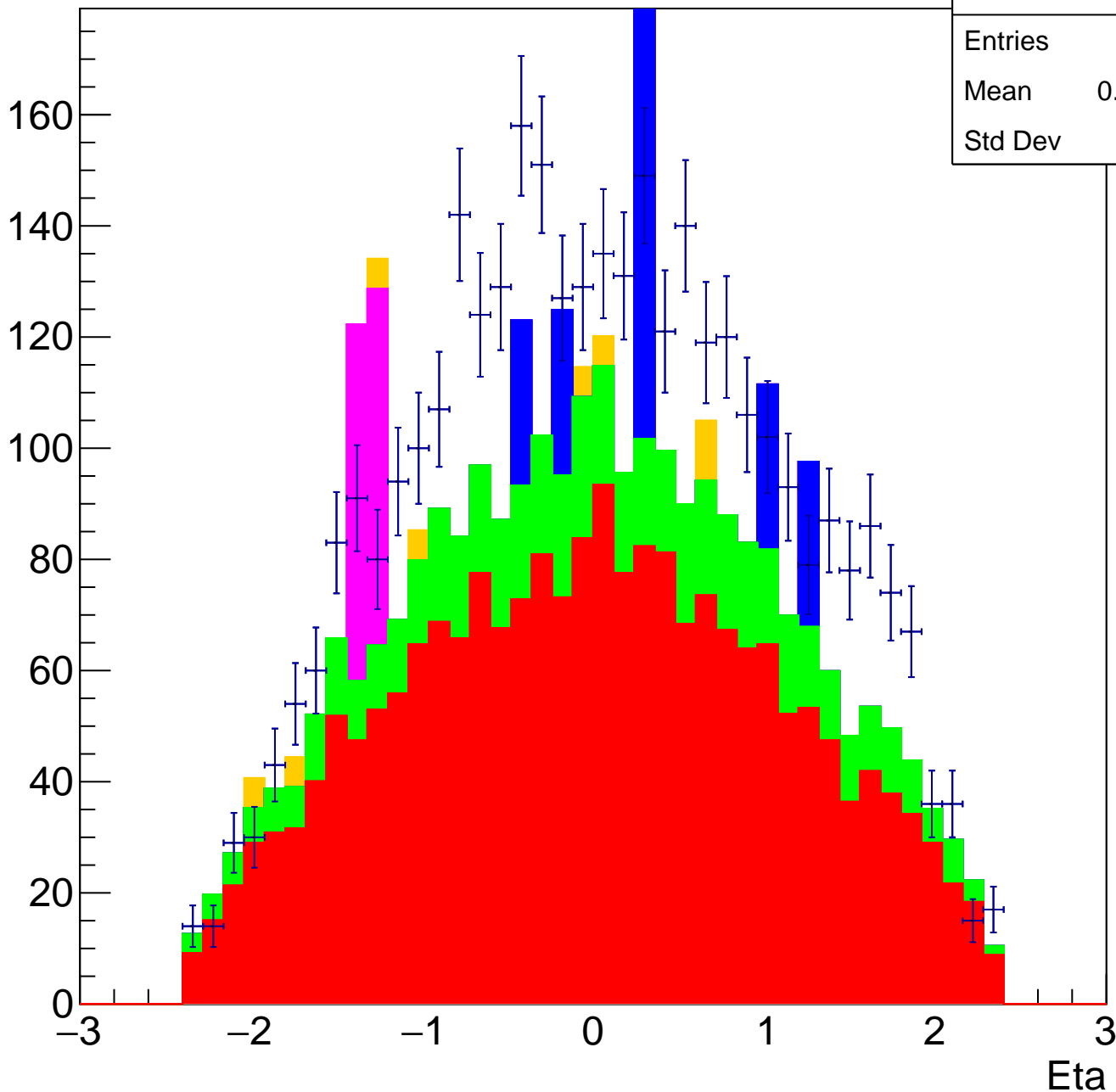


Pseudorapidity for JPsi Muons

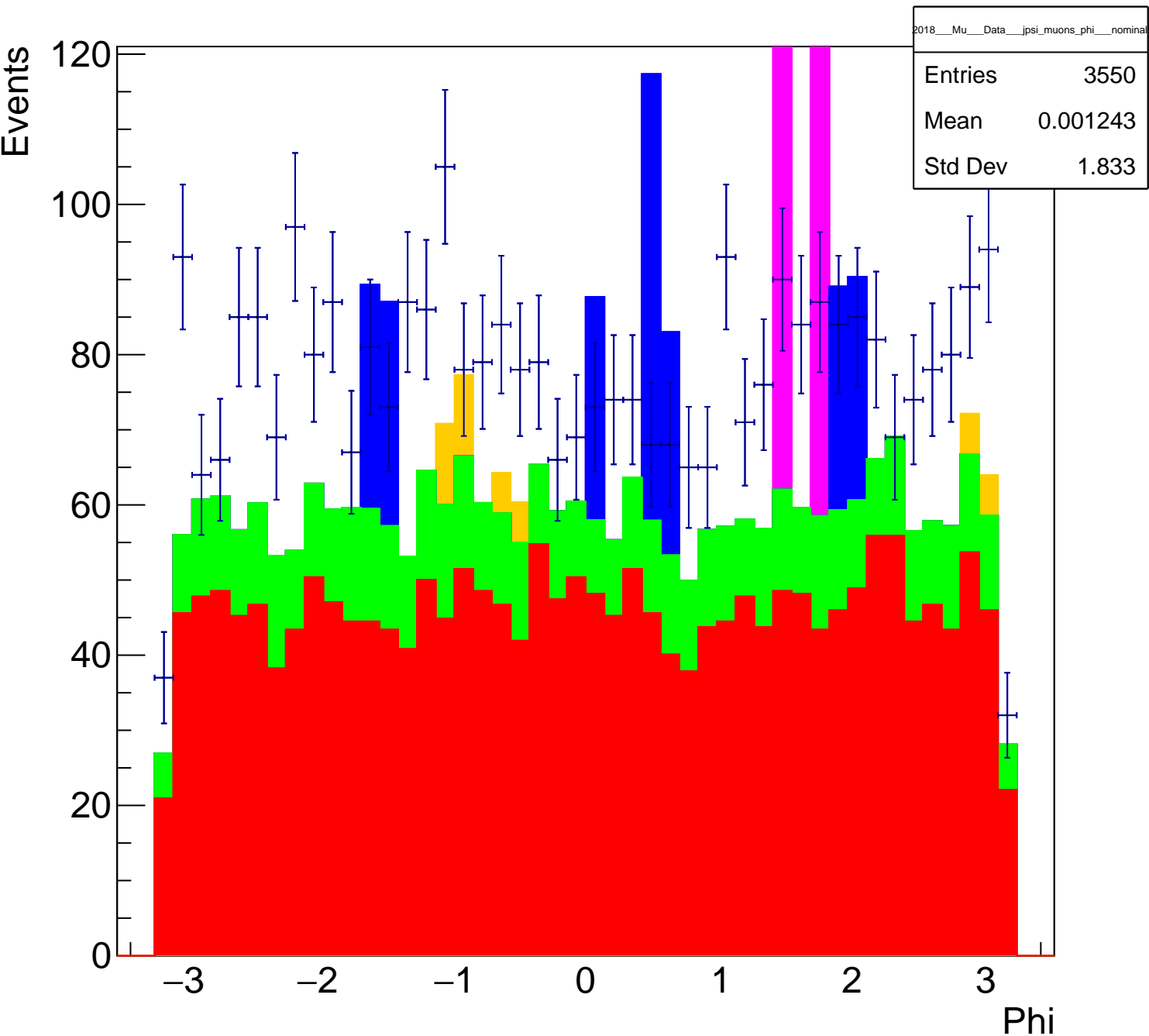
Events

2018__Mu__Data__jpsi_muons_eta__nomina

Entries	3550
Mean	0.03293
Std Dev	1.064



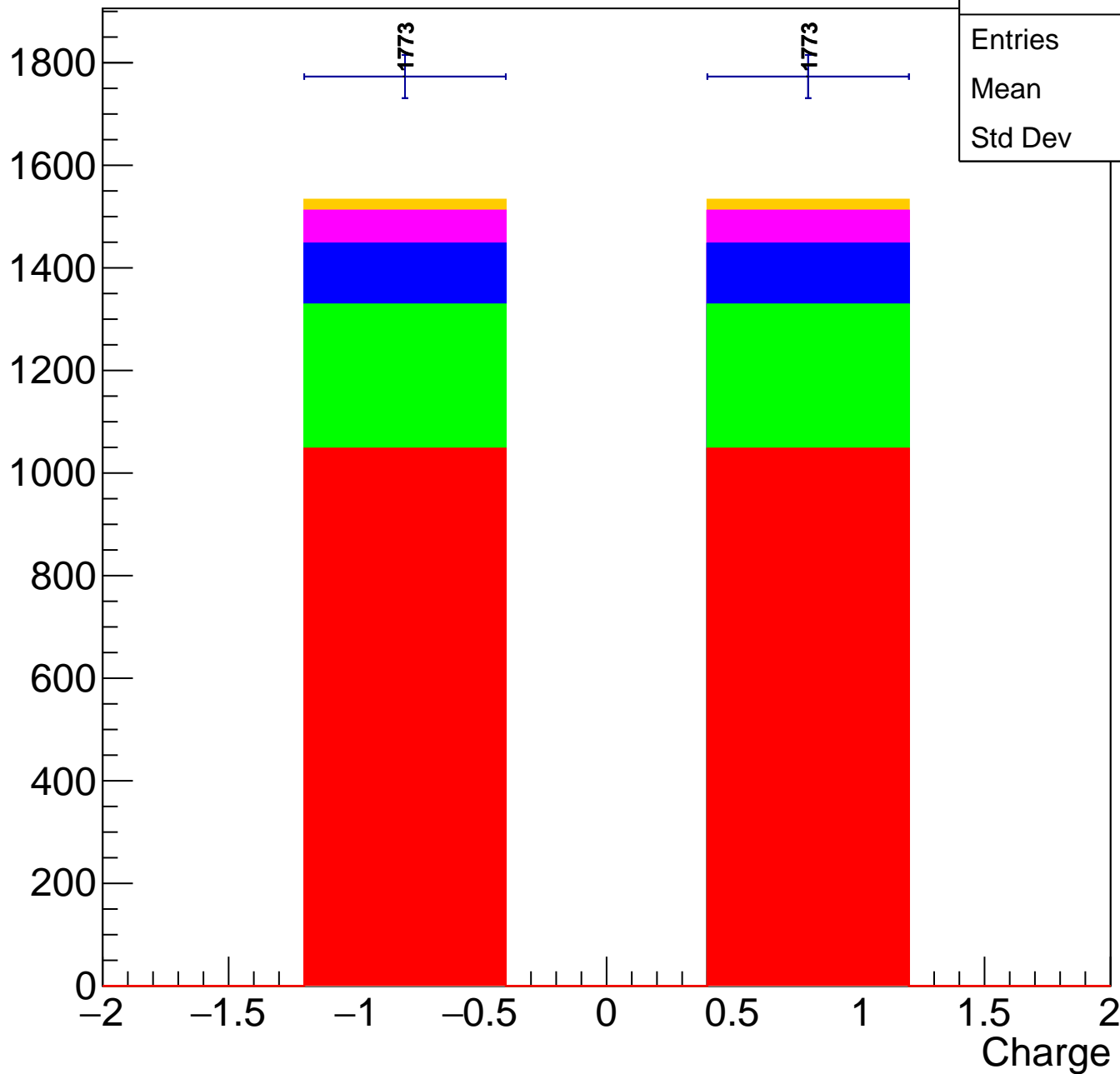
Angle for JPsi Muons



Charge of JPsi Muons

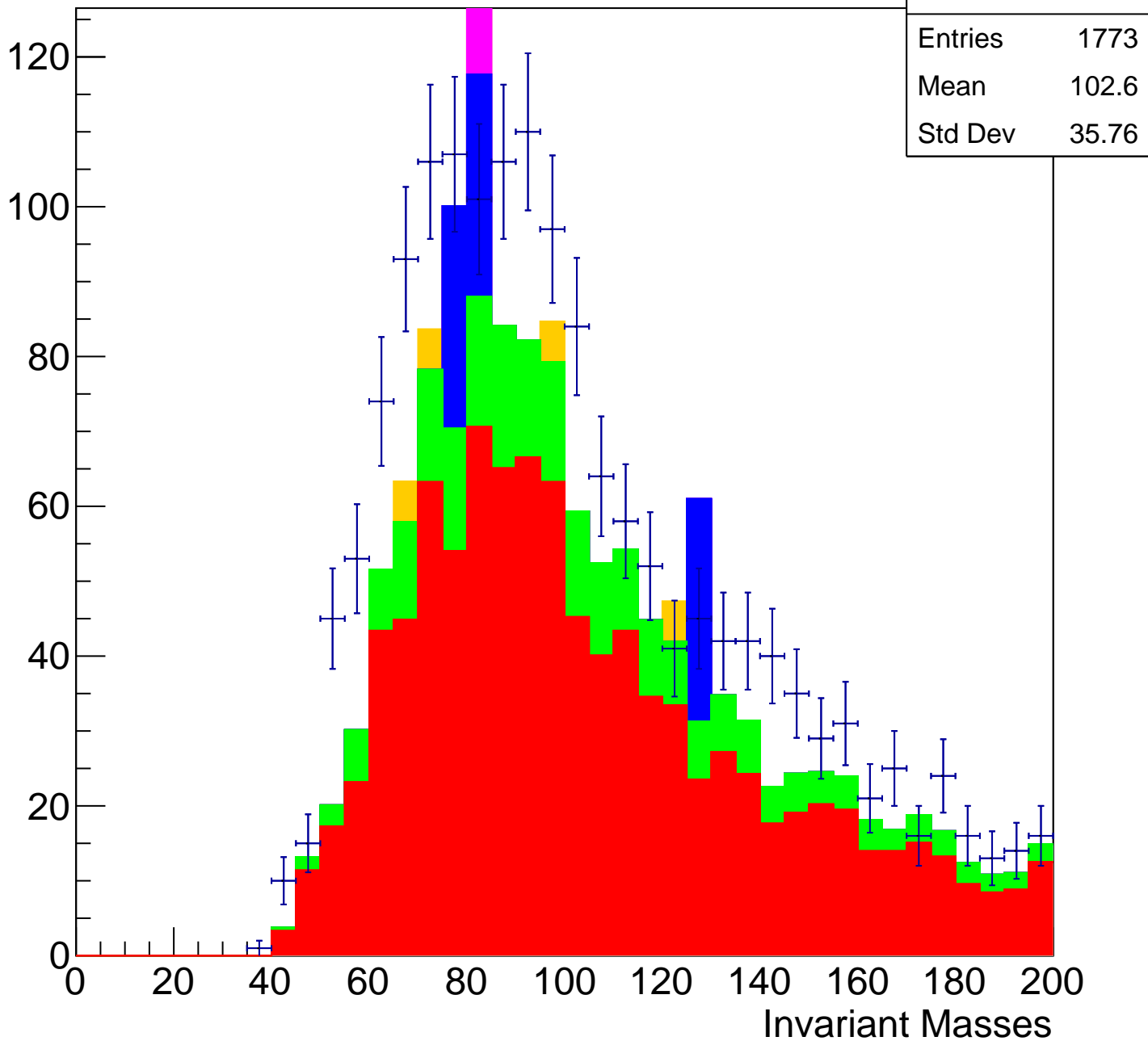
LEVC113

2018__Mu__Data__jpsi_muons_charge__nominal	
Entries	3546
Mean	0
Std Dev	1



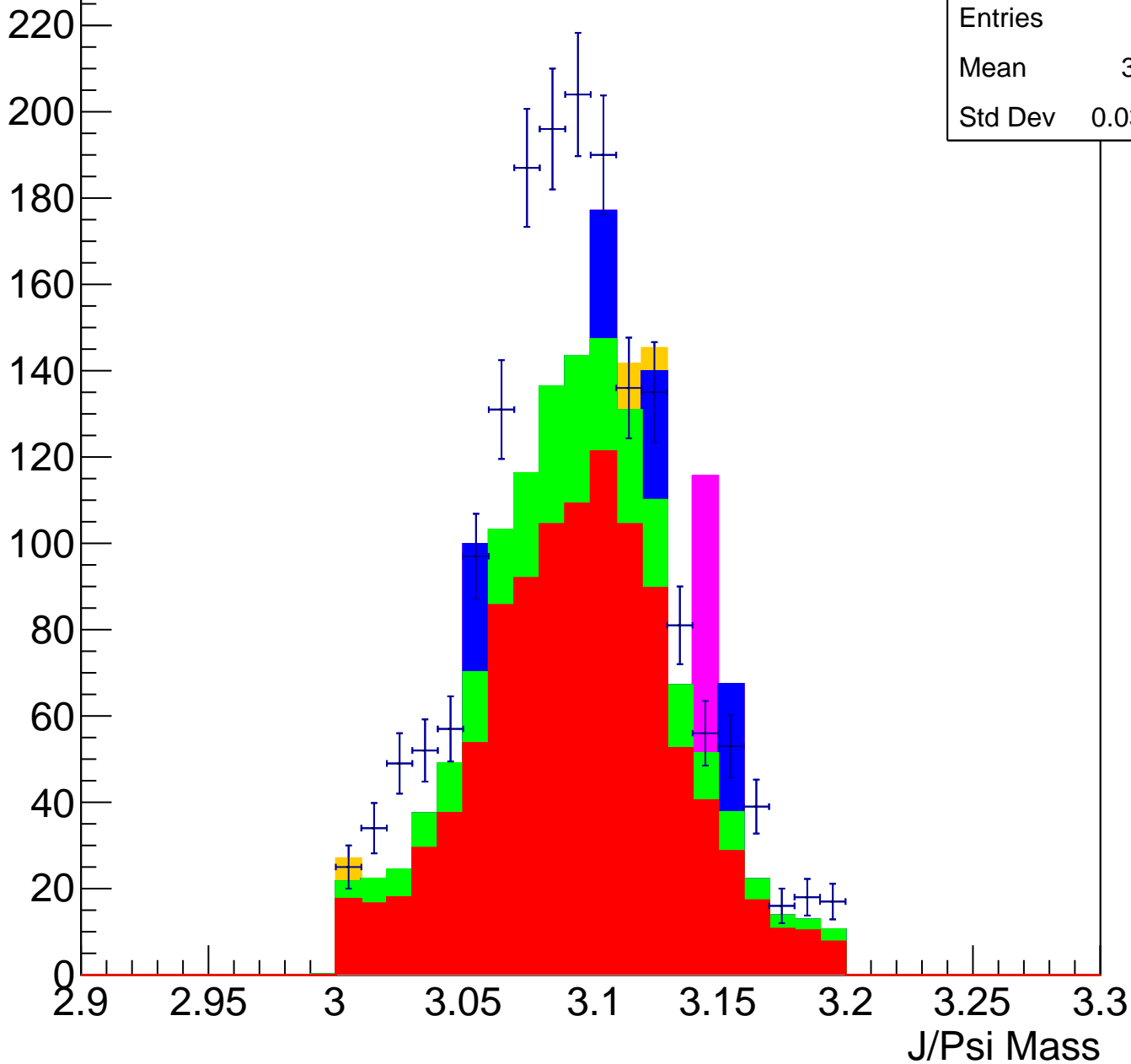
Invariant Masses for J/Psi And Isolated Muons

Events

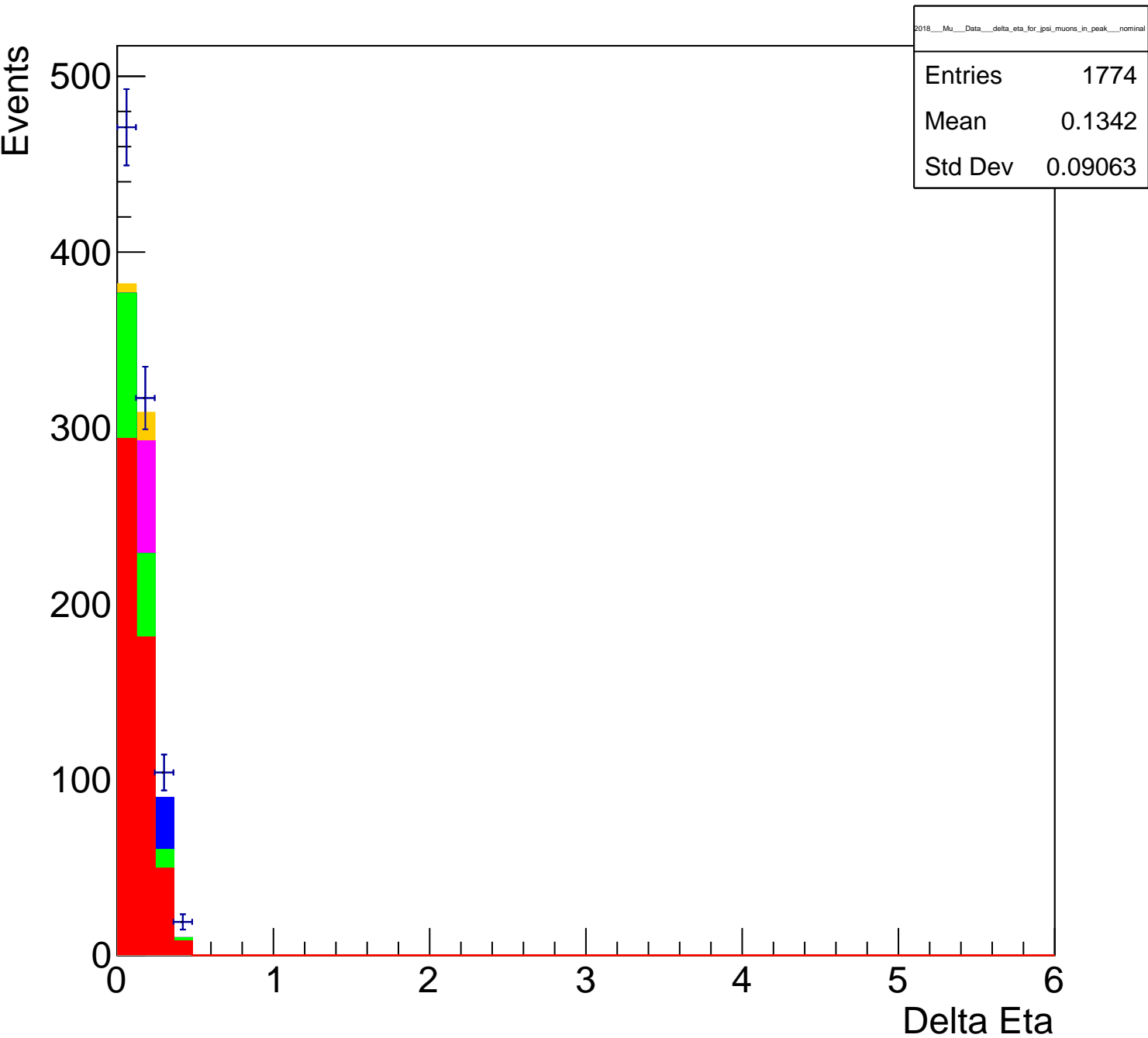


J/Psi Mass Made from Muons In Peak

Events

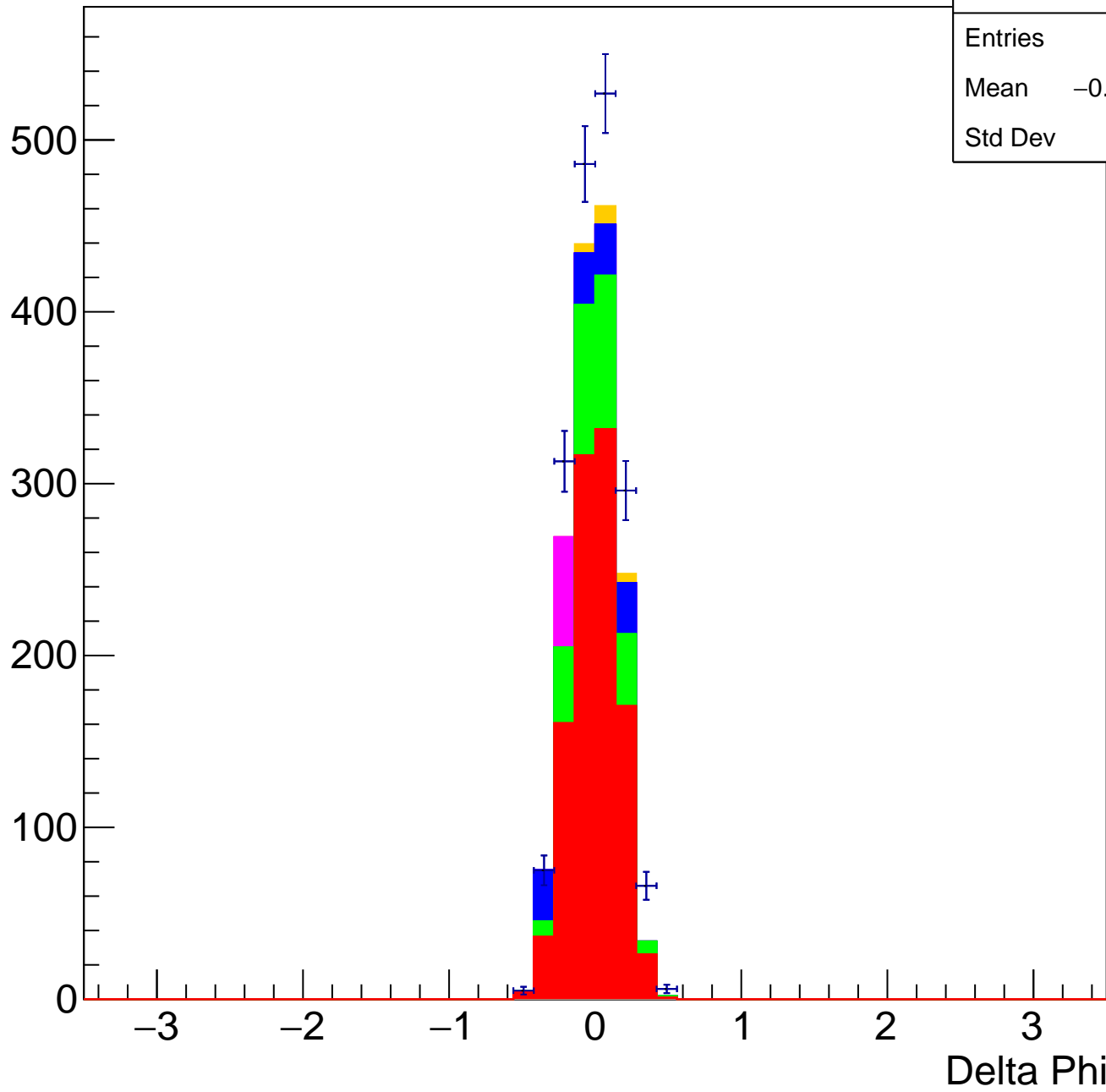


Delta Eta For J/Psi Muons In Peak



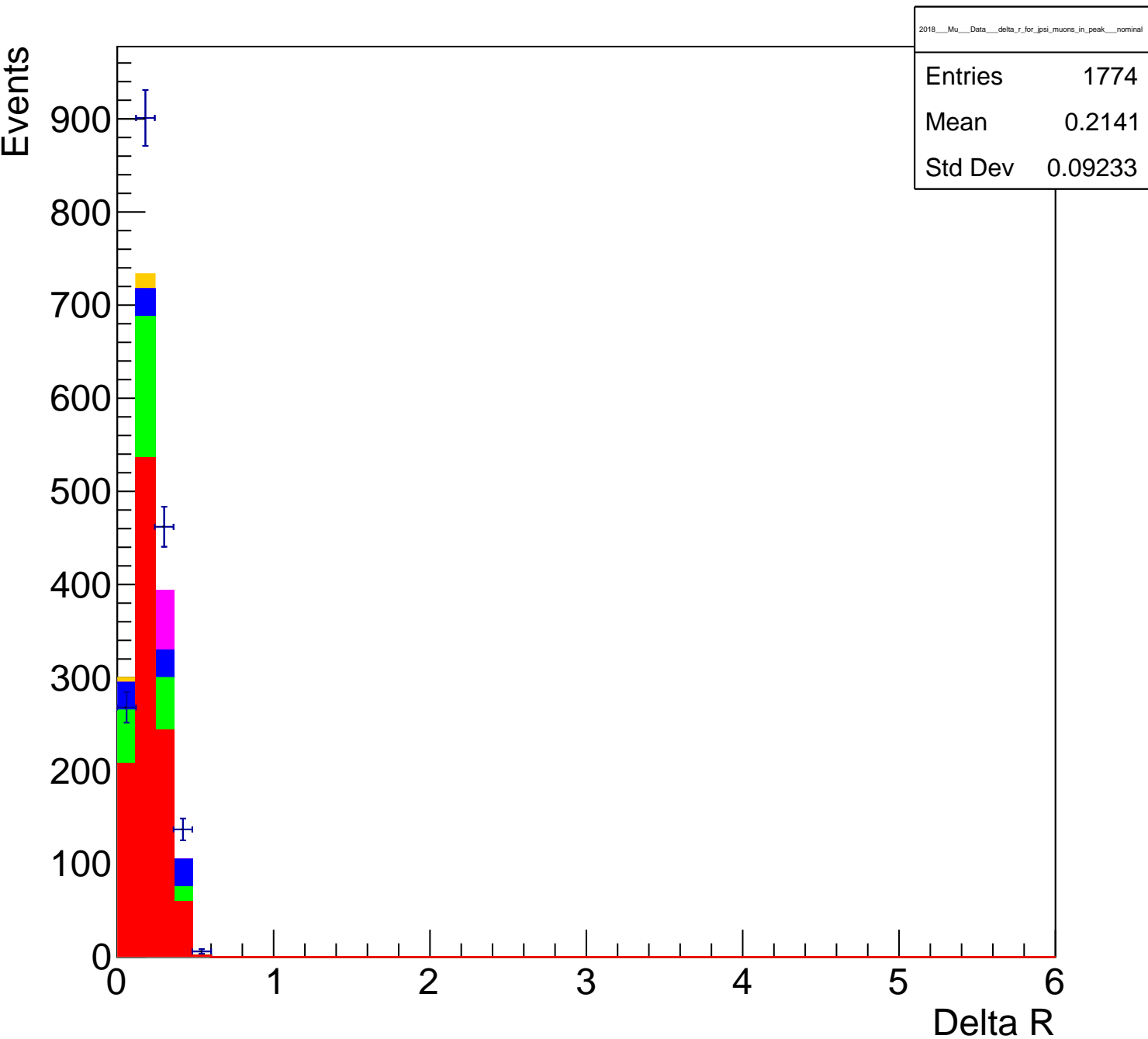
Delta Phi For J/Psi Muons In Peak

Events



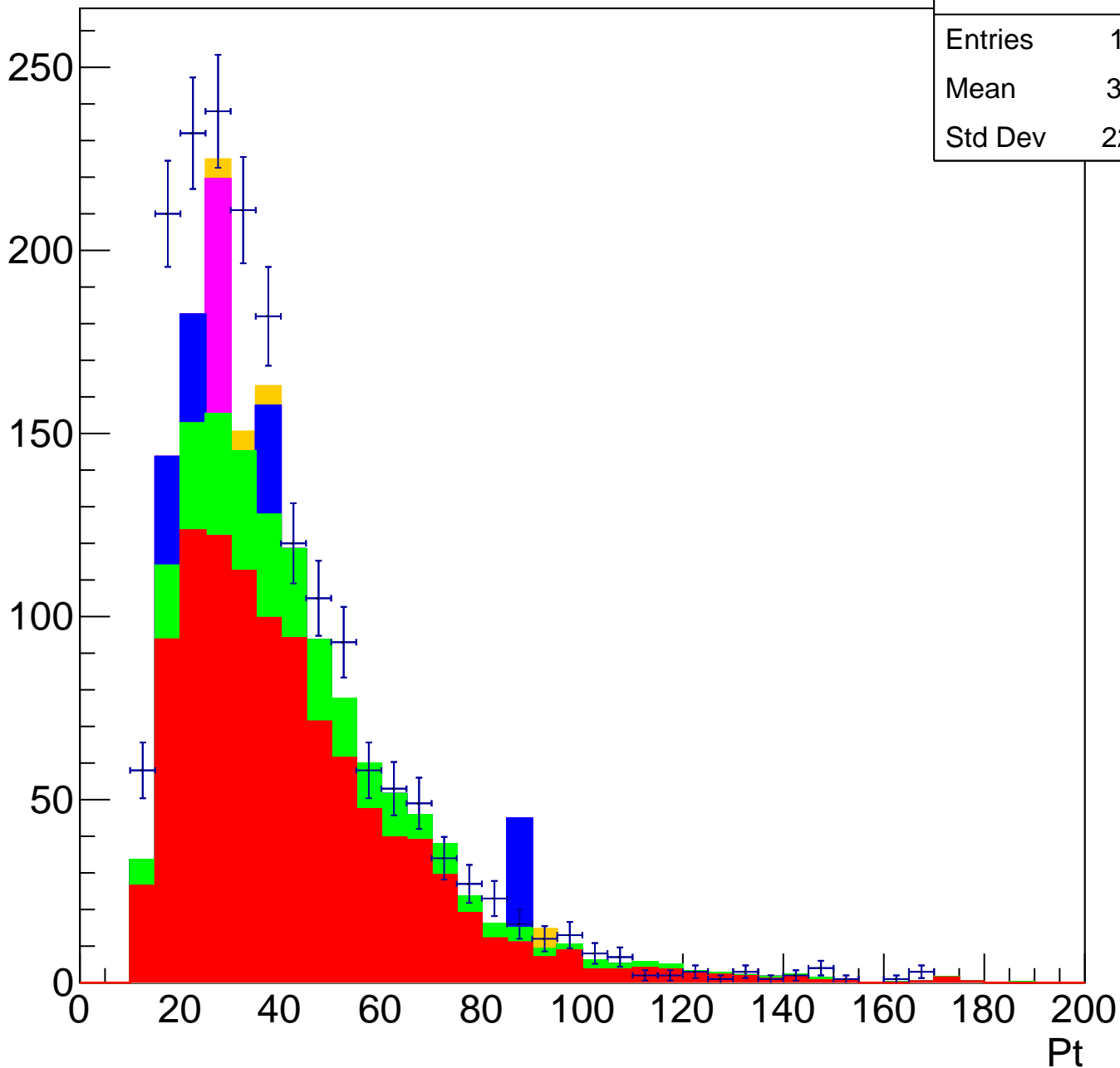
2018__Mu__Data__delta_phi_for_jpsi_muons_in_peak__nominal	
Entries	1774
Mean	-0.002685
Std Dev	0.1678

Delta R For J/Psi Muons In Peak

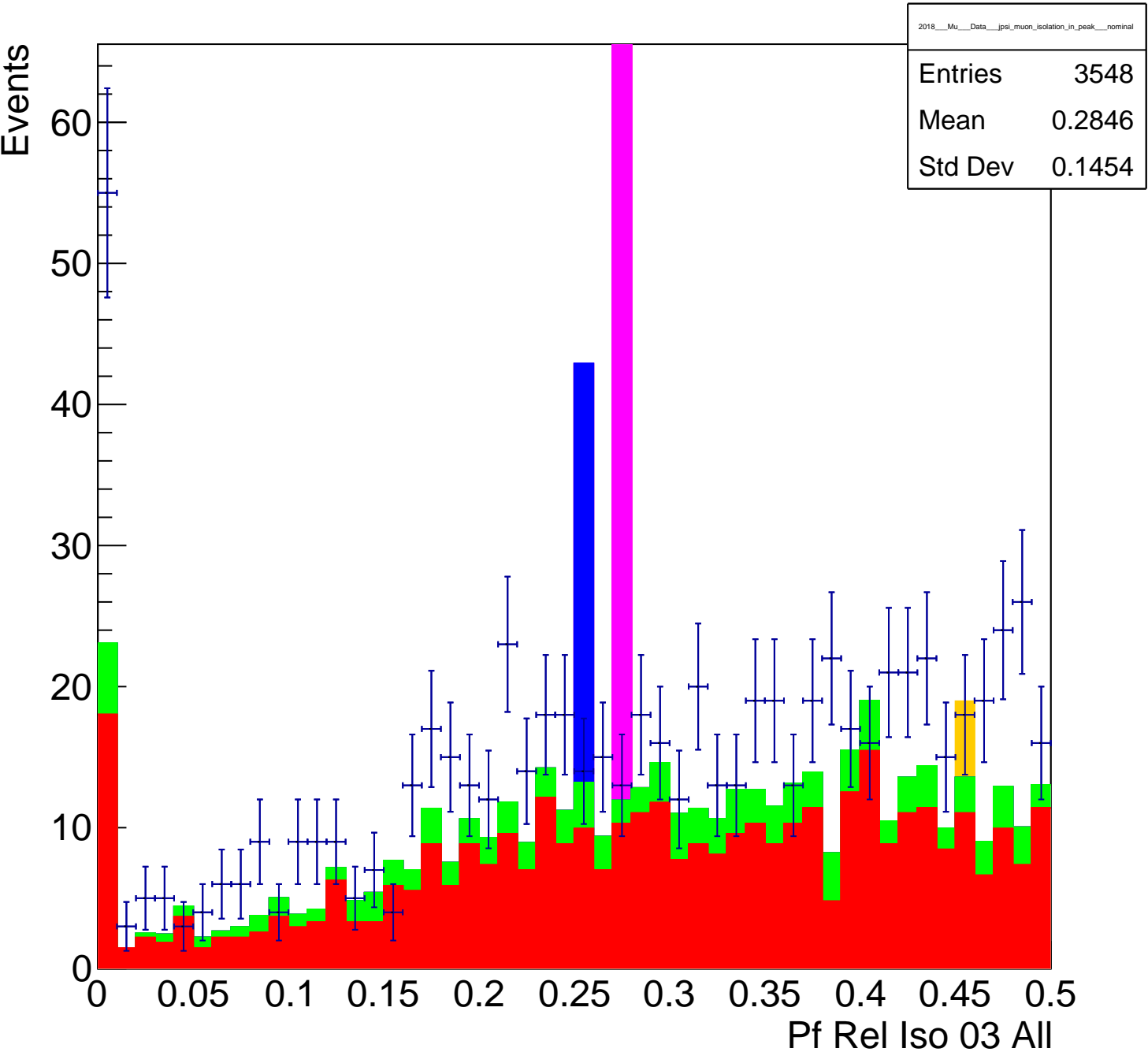


J/Psi Pt With Muons In Peak

Events



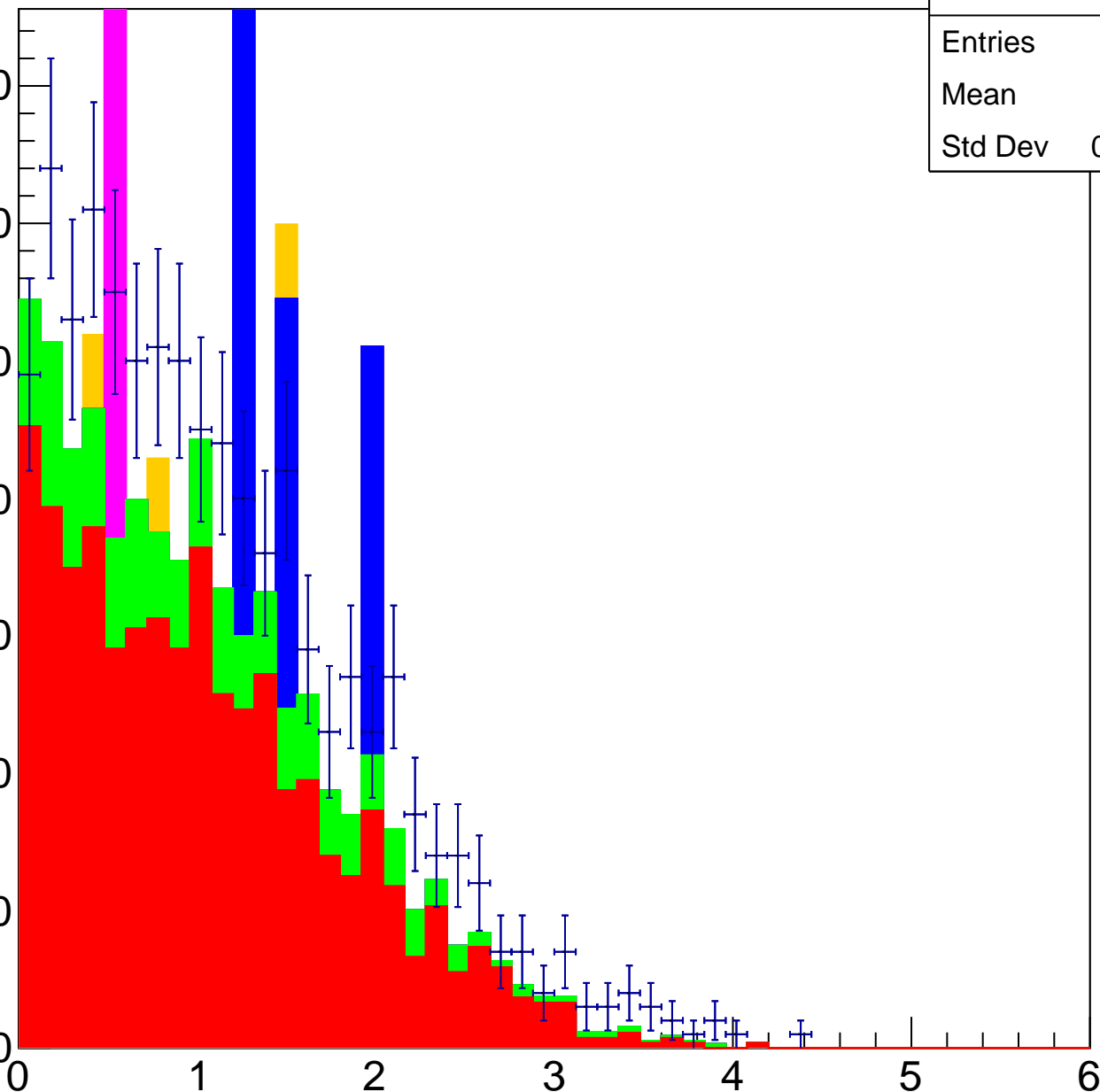
J/Psi Pf Rel Iso 03 All Made From Muons In Peak



Delta Eta Between Isolated Muon And J/Psi

Events

70
60
50
40
30
20
10
0

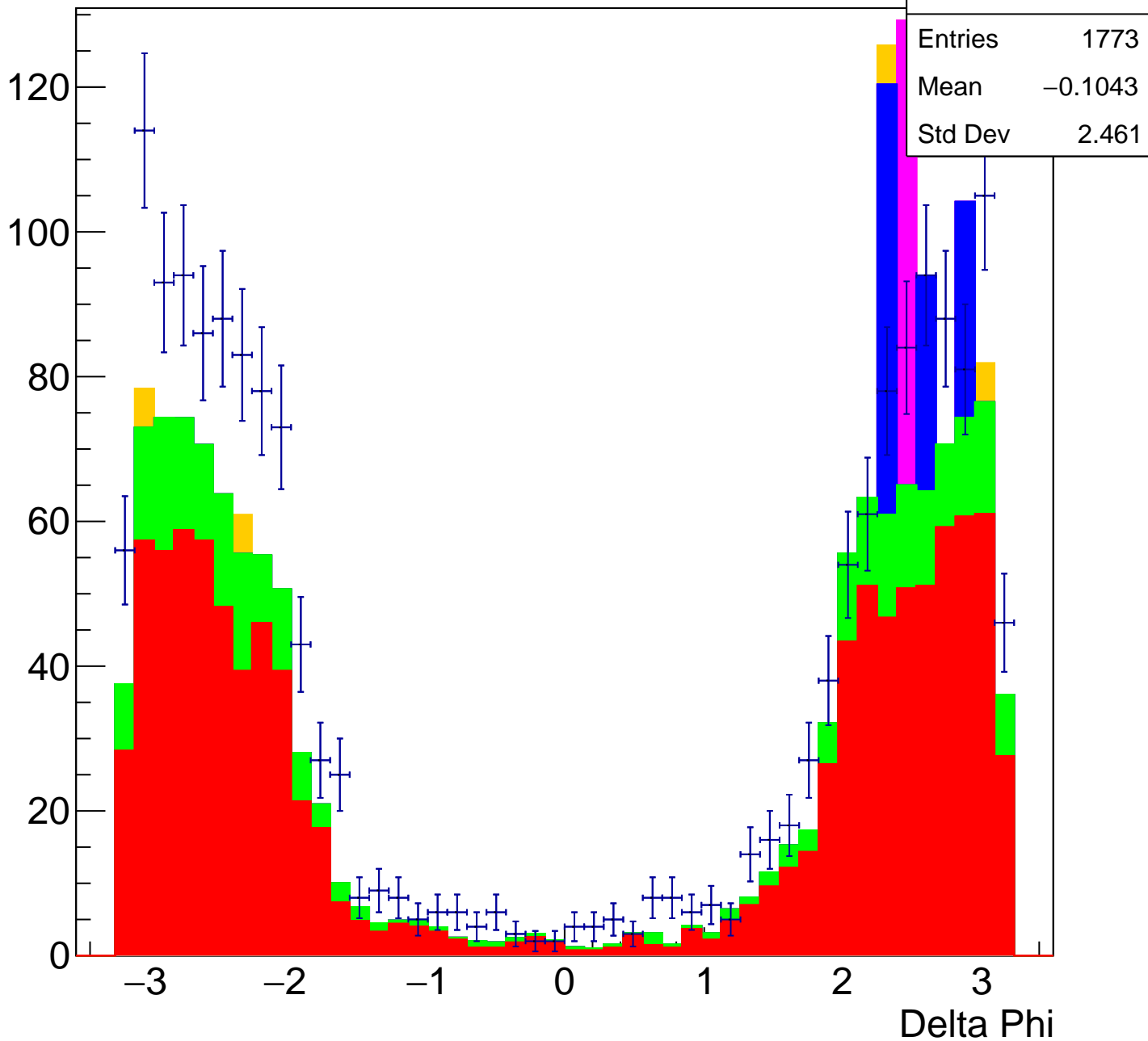


2018_Mu_Data_delta_eta_between_isolated_muon_and_jpsi_in_peak_nominal	
Entries	1773
Mean	1.126
Std Dev	0.8208

Delta Eta

Delta Phi Between Isolated Muon And J/Psi

Events



Delta R Between Isolated Muon And J/Psi

Events

200
180
160
140
120
100
80
60
40
20
0

0

1

2

3

4

5

6

Delta R

Entries	1773
Mean	2.806
Std Dev	0.492

