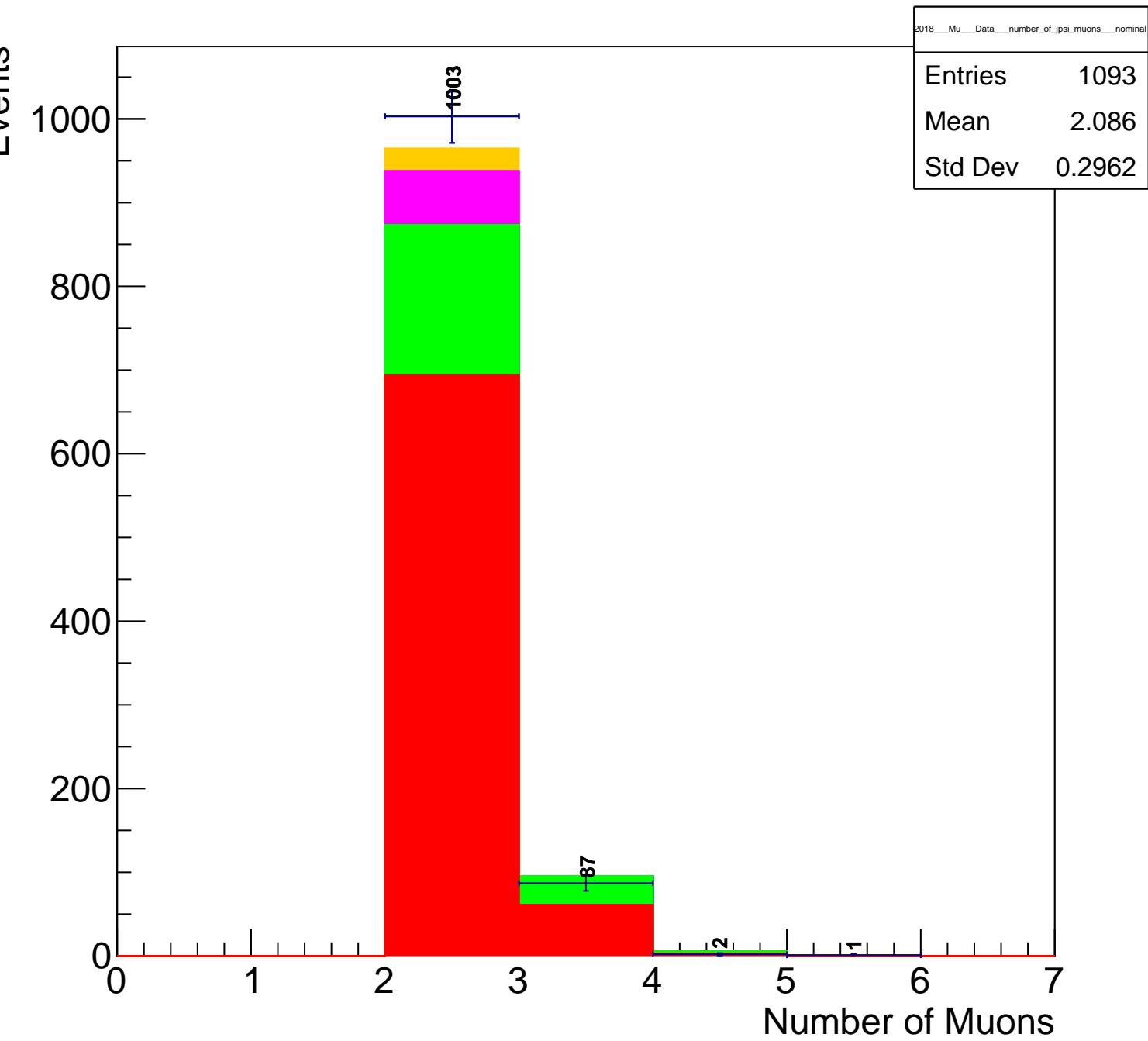
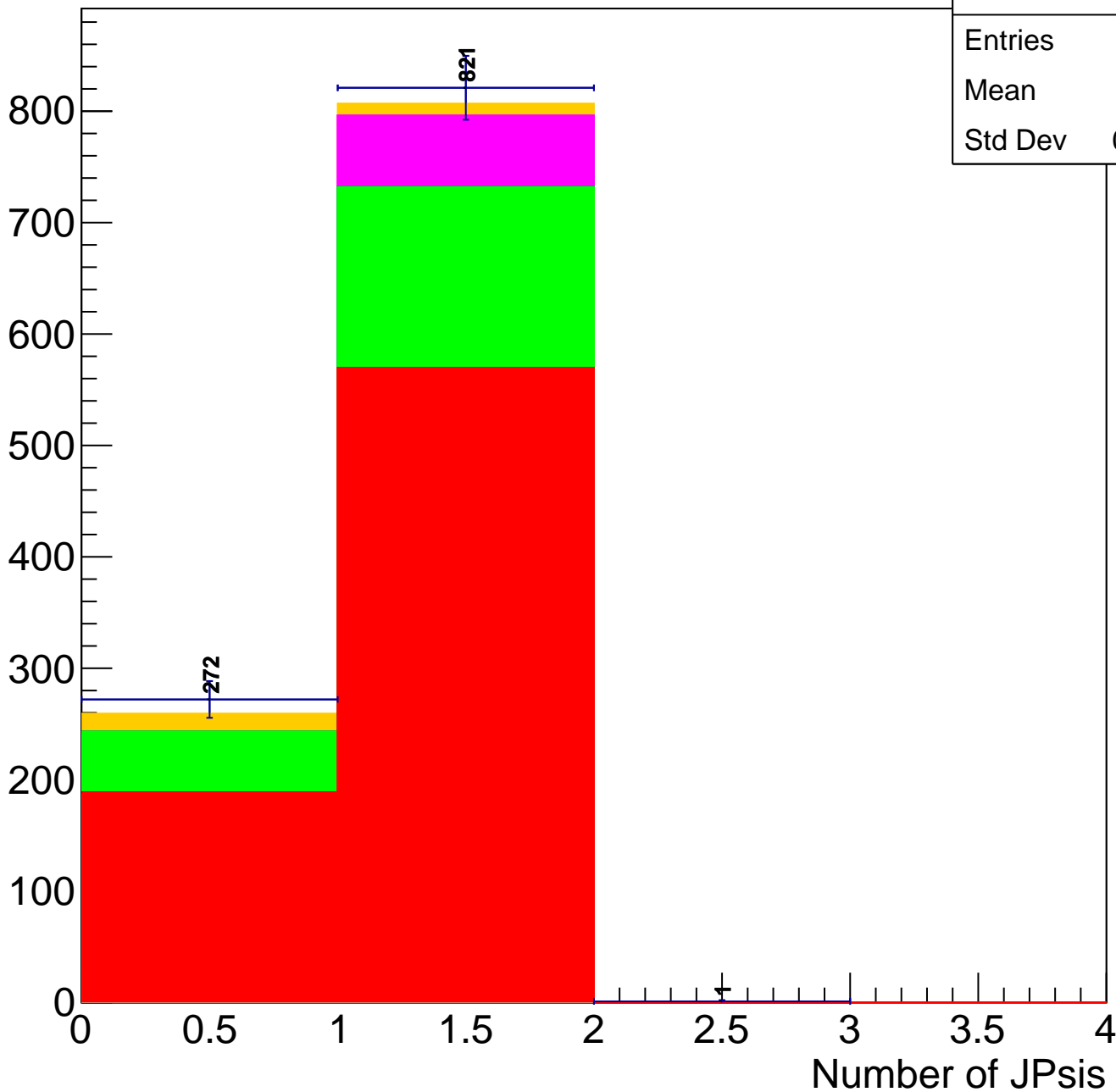


Number of JPsi Muons



Number of JPsis

Events



2018__Mu__Data__number_of_jpsis__nominal

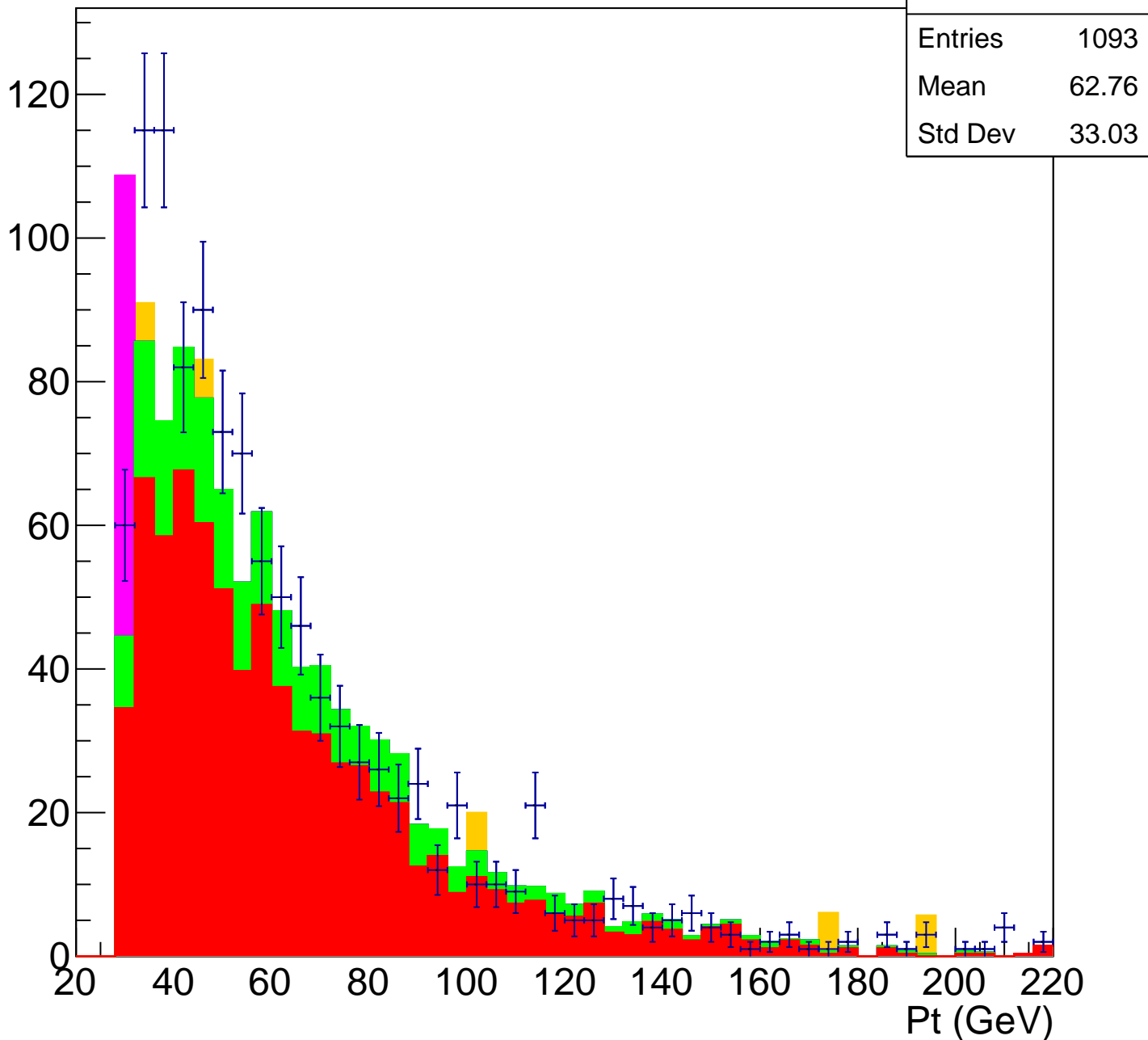
Entries 1094

Mean 1.32

Std Dev 0.4481

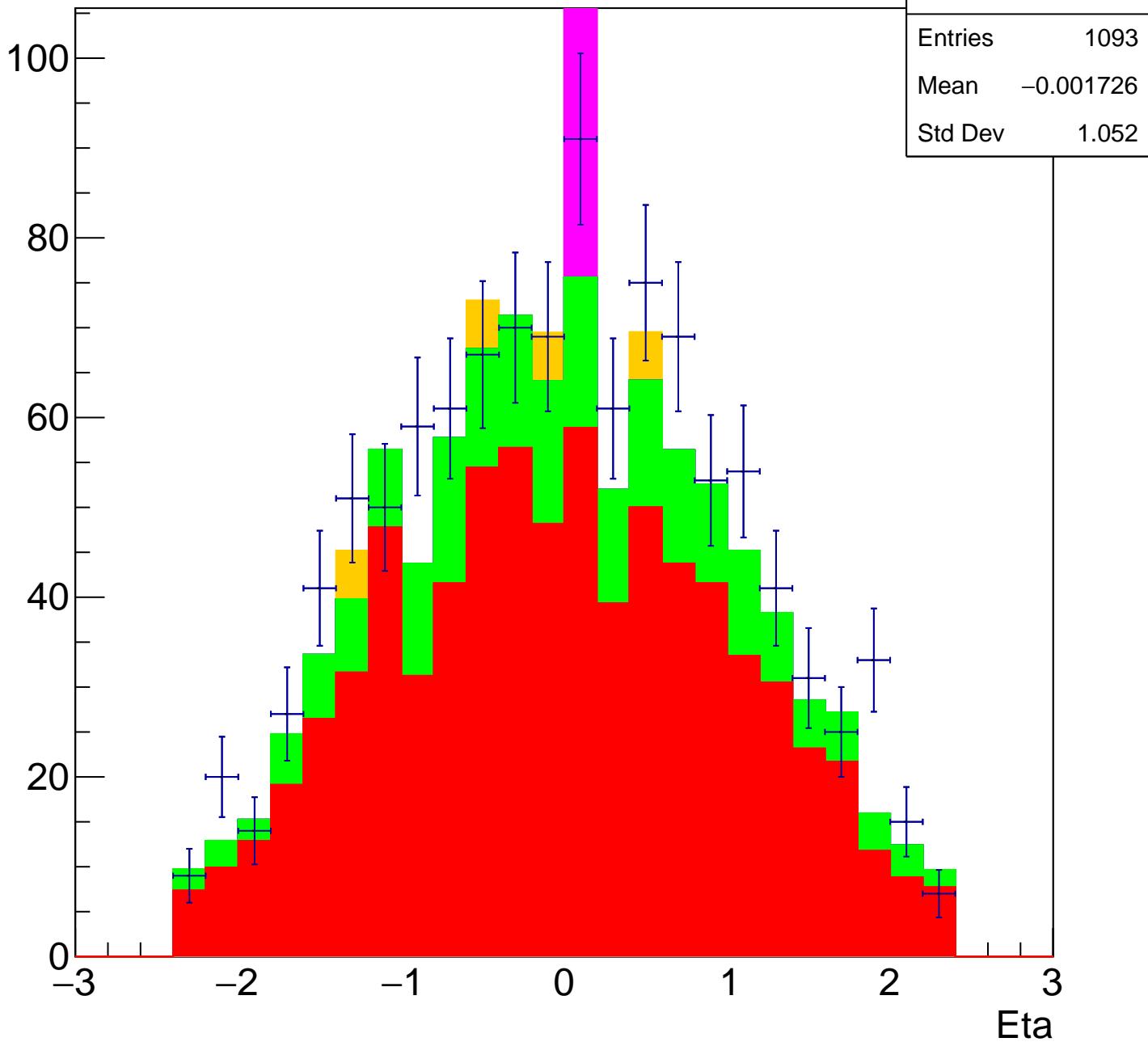
Leading Isolated Muon Transverse Momentum

Events



Leading Isolated Muon Pseudorapidity

Events



Leading Isolated Muon Angle

Events

60
50
40
30
20
10
0

-3

-2

-1

0

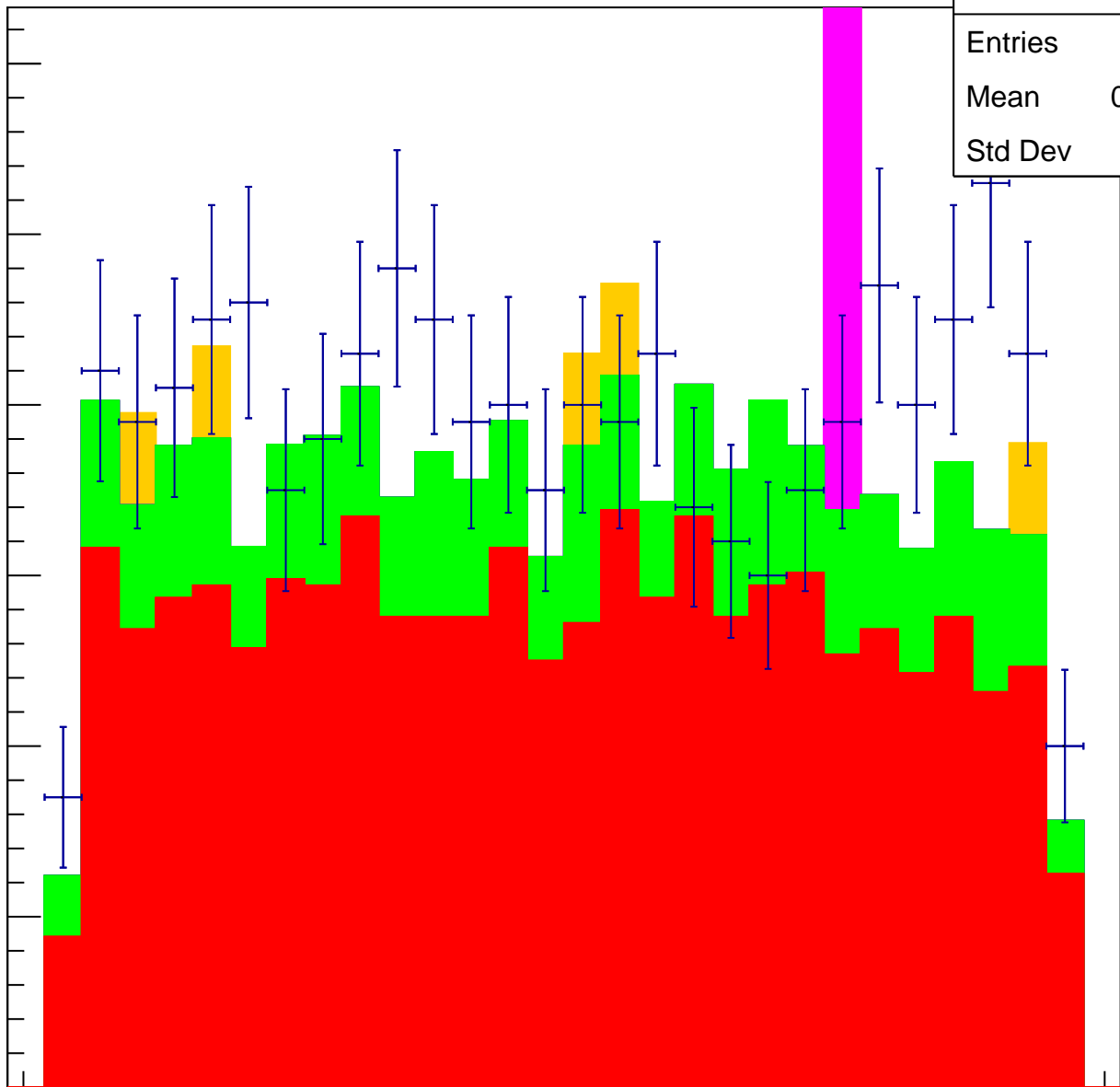
1

2

3

Phi (Radians)

2018__Mu__Data__leading_isolated_muon_phi__nominal	
Entries	1093
Mean	0.01167
Std Dev	1.85

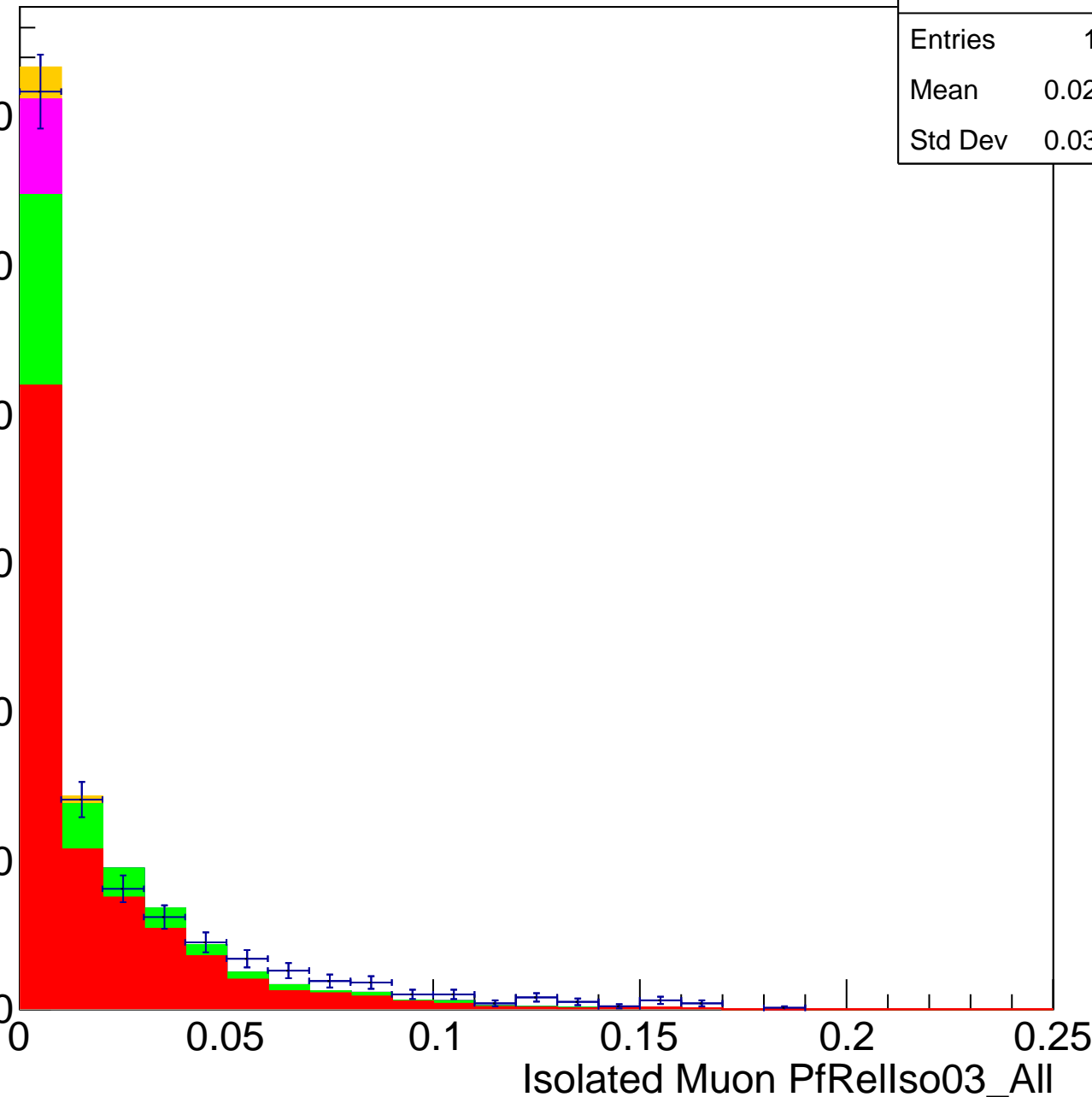


Isolated Muon PfRelIso03_All

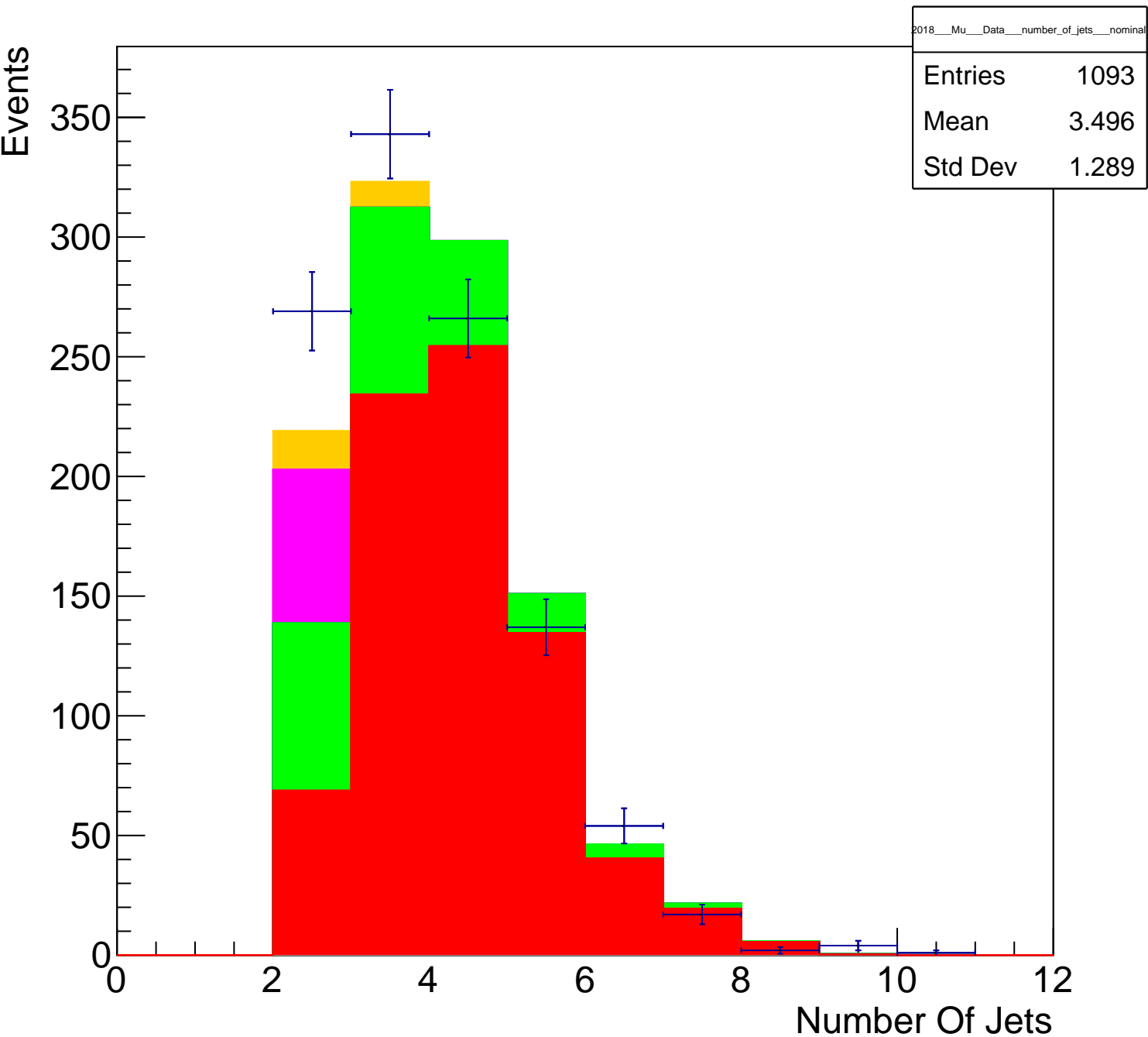
Events

600
500
400
300
200
100
0

2018_Mu_Data_isolated_muon_pf_rel_iso_03_all_nominal	
Entries	1093
Mean	0.02007
Std Dev	0.03128



Number Of Jets



Jet Transverse Momentum for Leading Jet

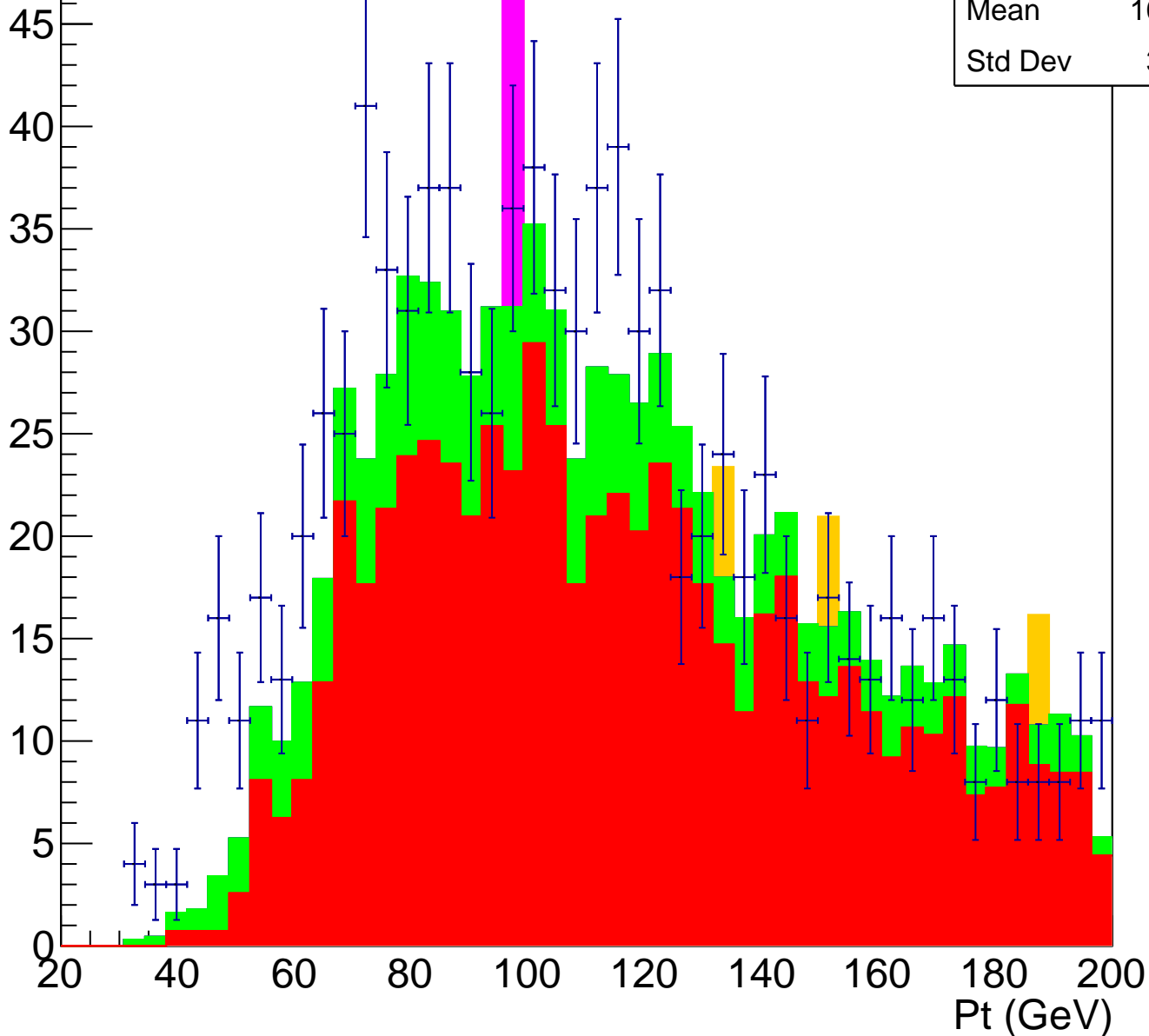
Events

2018__Mu__Data__jet1_pt__nominal

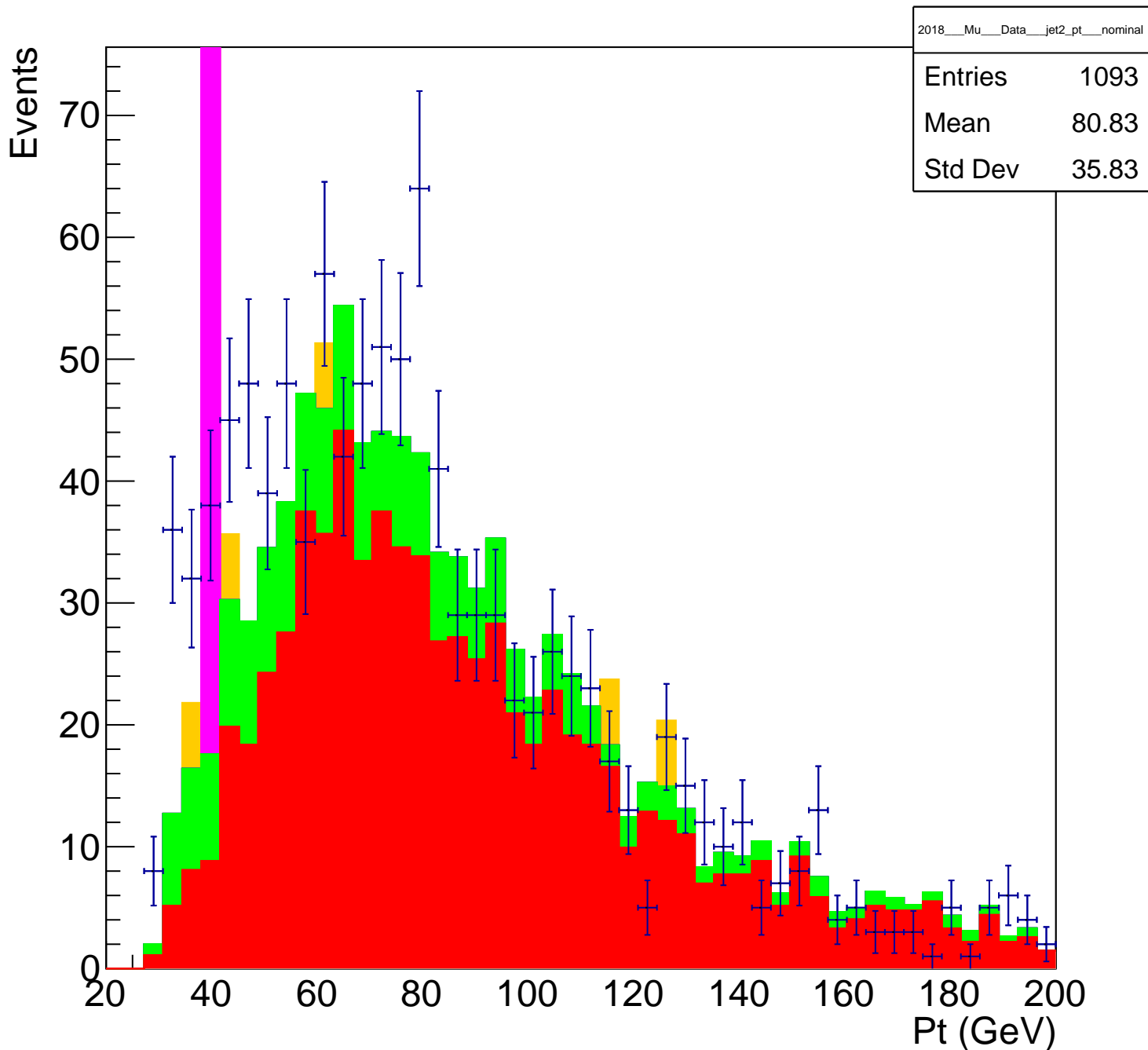
Entries 1093

Mean 109.3

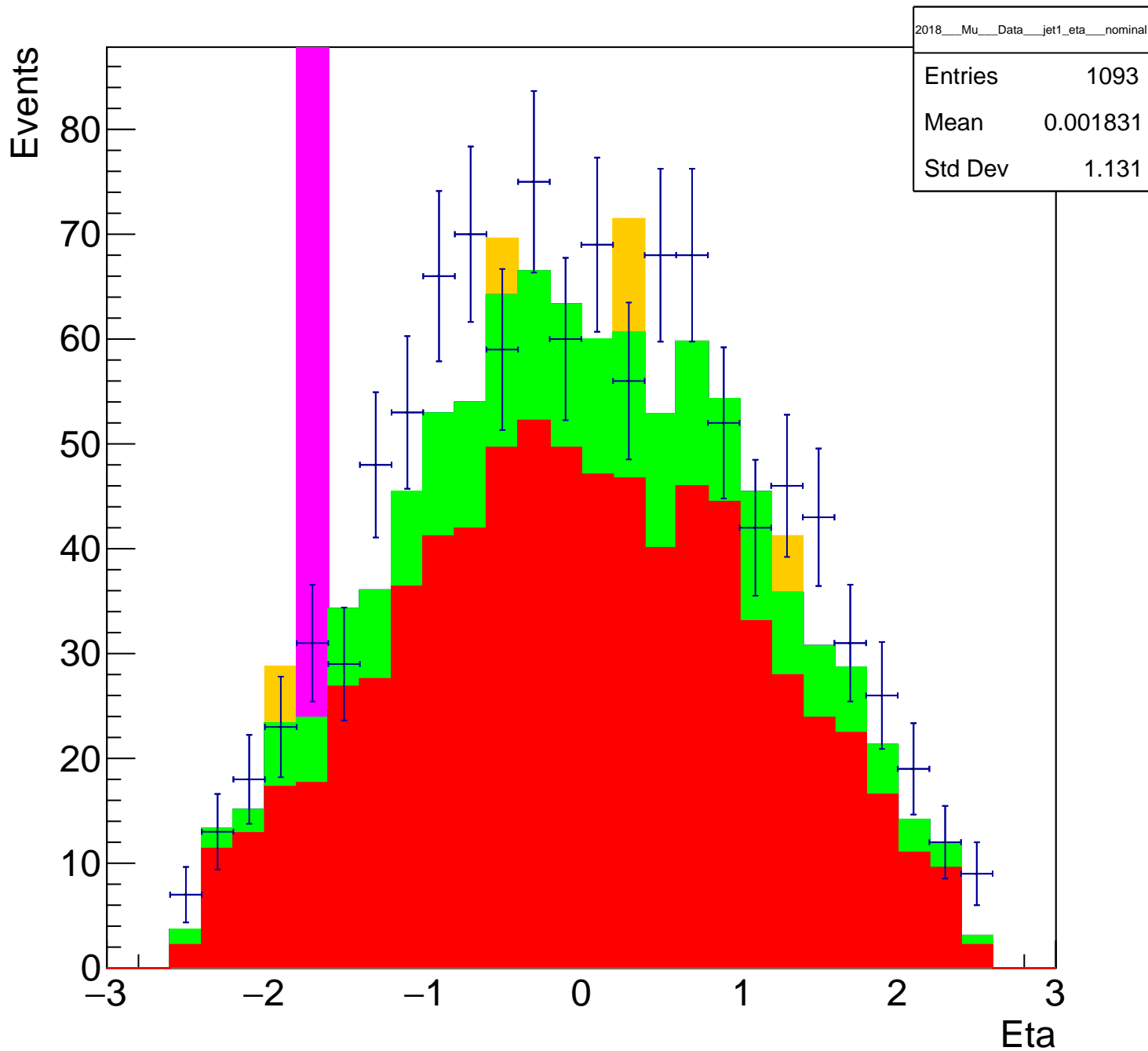
Std Dev 38.6



Jet Transverse Momentum for Subleading Jet



Jet Pseudorapidity for Leading Jet



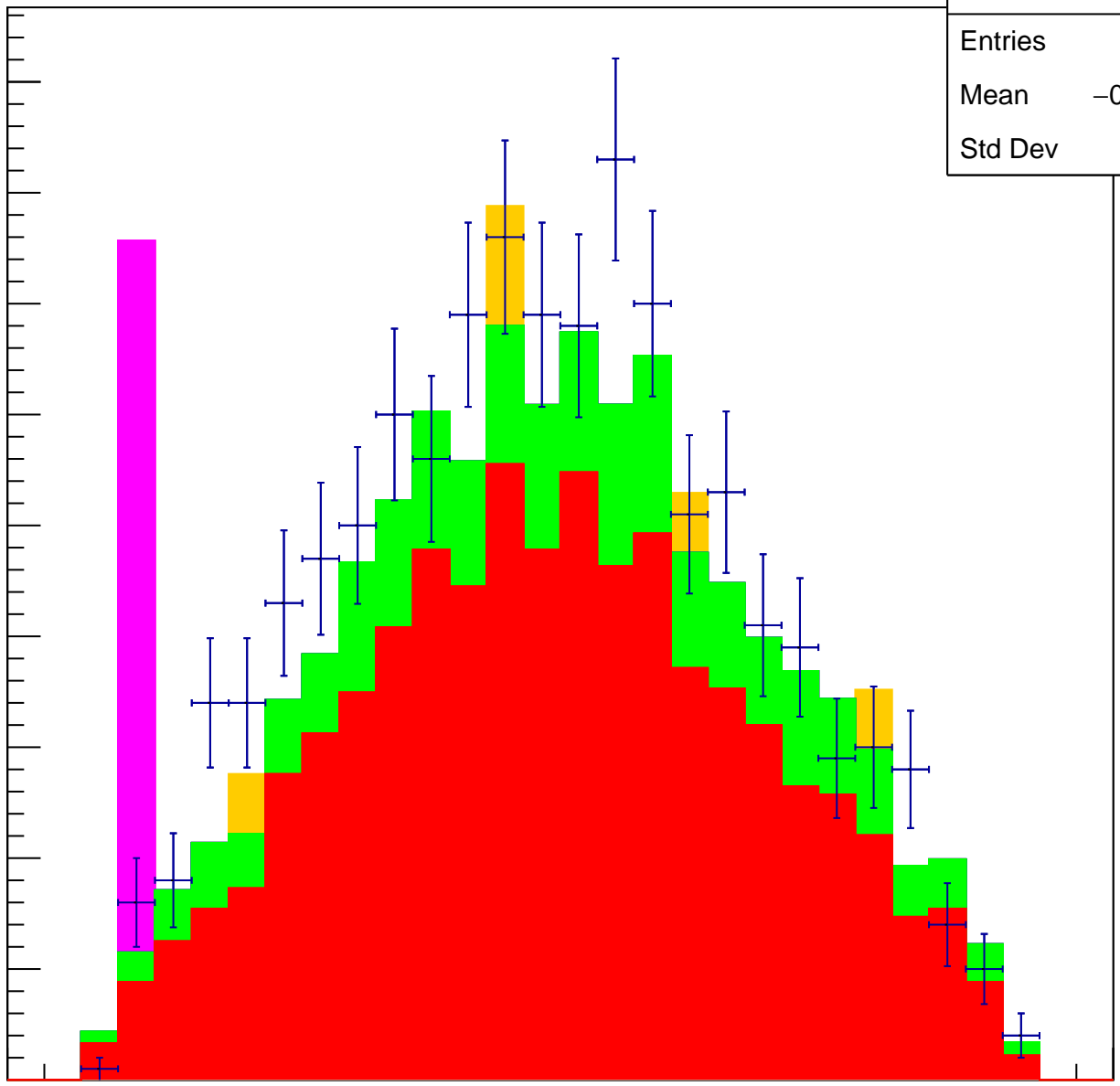
Jet Pseudorapidity for Subleading Jet

Events

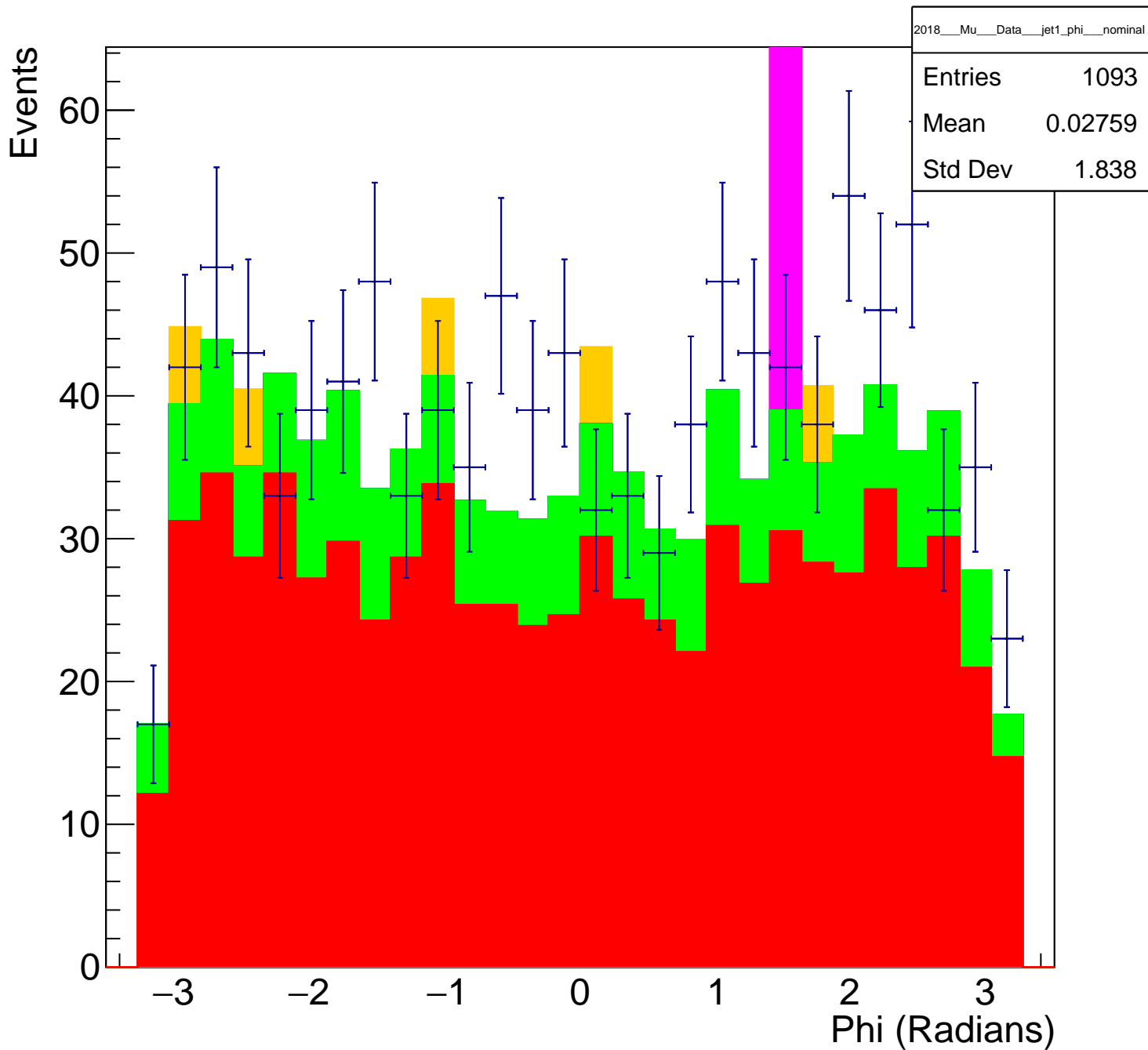
90
80
70
60
50
40
30
20
10
0

2018__Mu__Data__jet2_eta__nominal	
Entries	1093
Mean	-0.07518
Std Dev	1.1

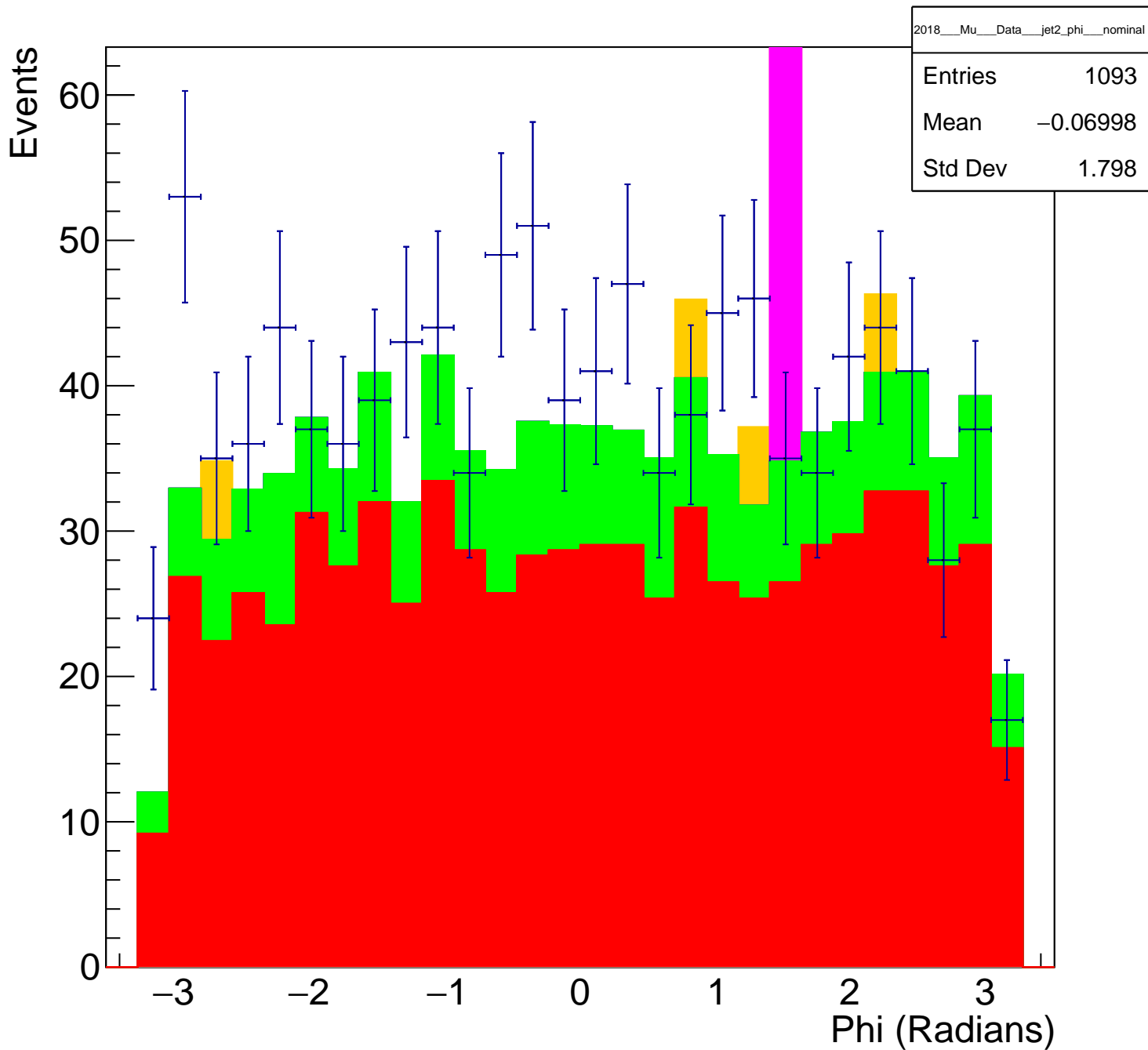
-3 -2 -1 0 1 2 3
Eta



Jet Angle for Leading Jet



Jet Angle for Subleading Jet



Transverse Mass

Events

50

40

30

20

10

0

0

20

40

60

80

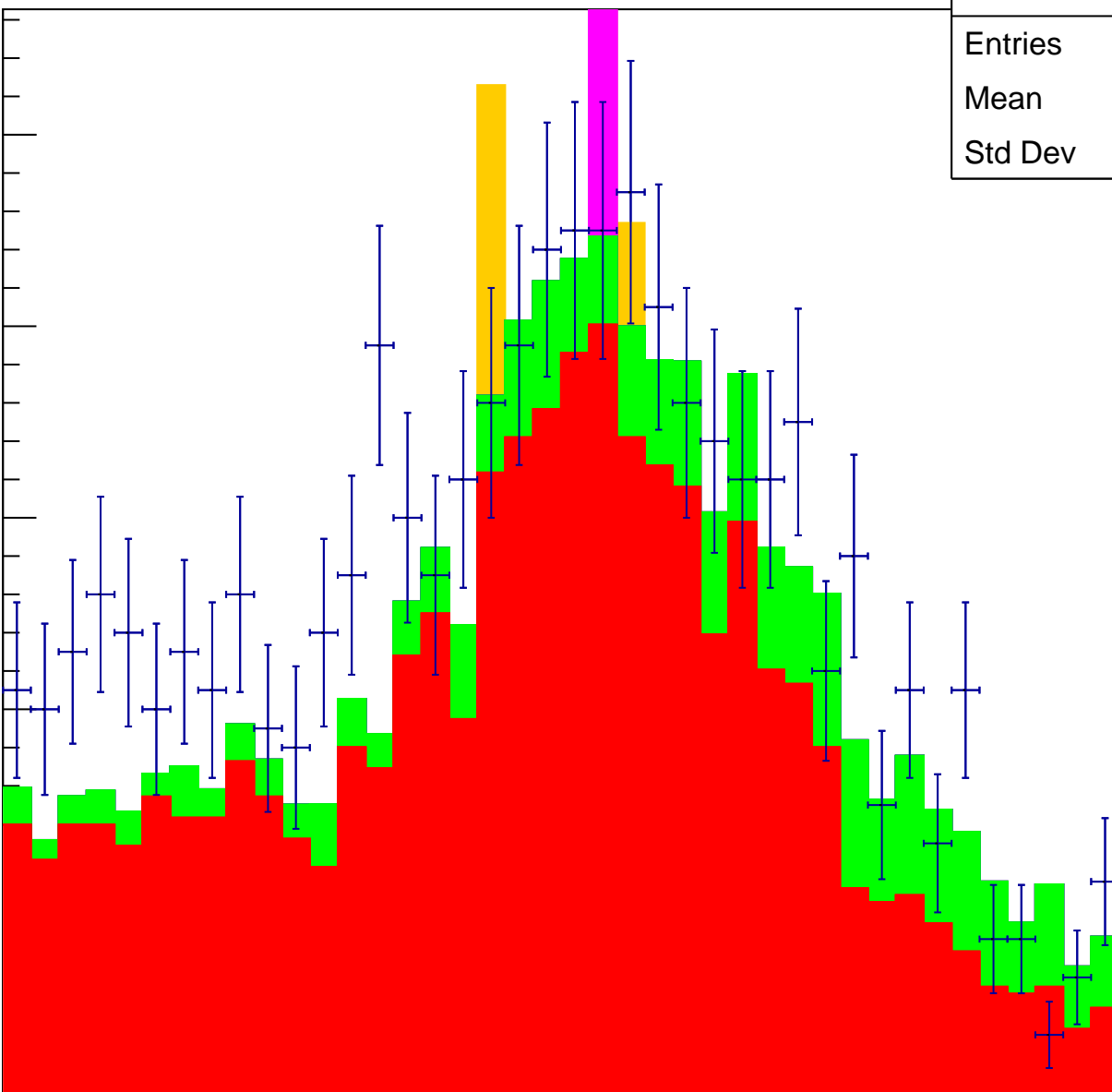
100

120

140

Transverse Mass (GeV)

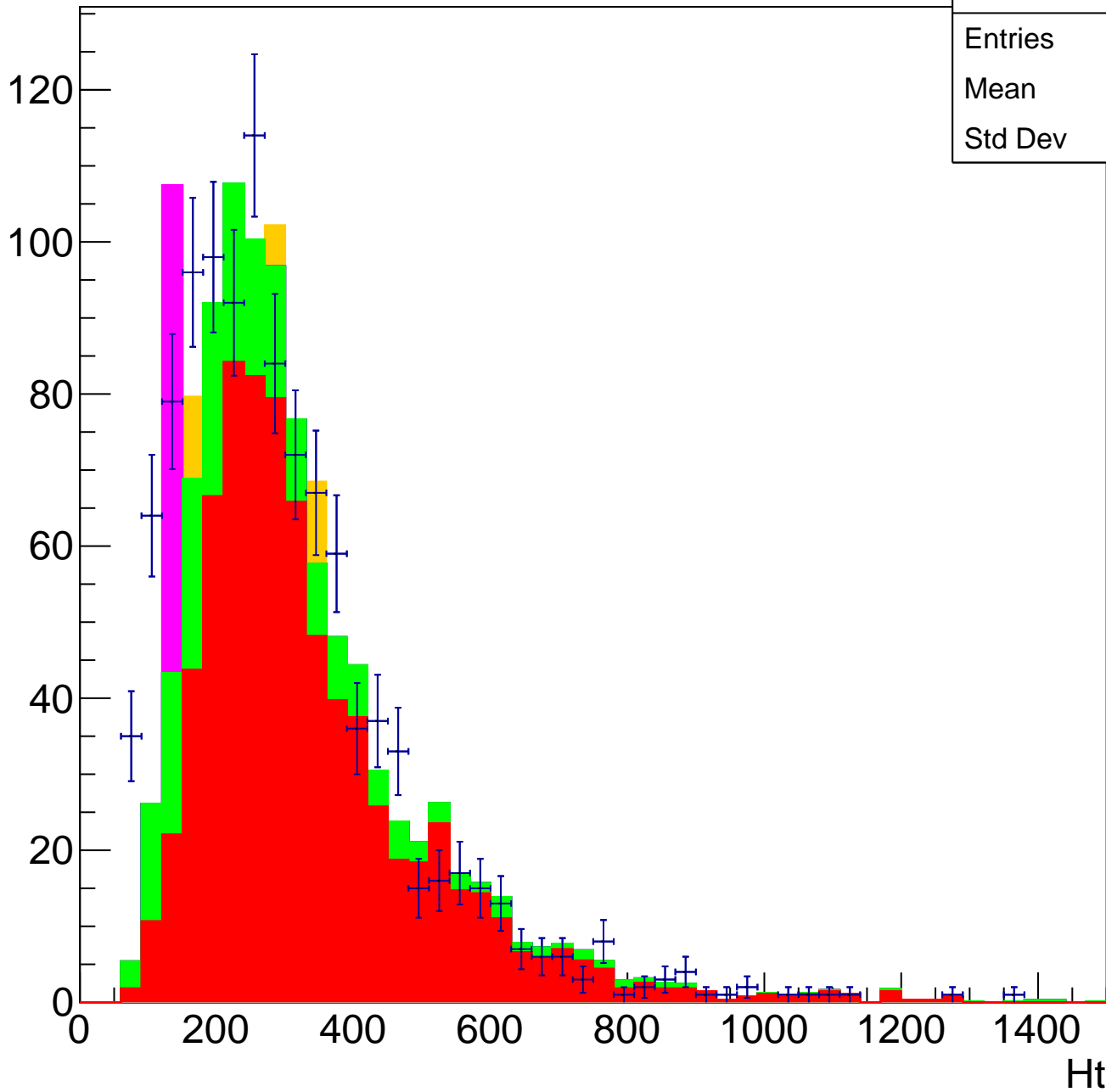
2018__Mu__Data__transverse_mass__nominal	
Entries	1093
Mean	70.49
Std Dev	35.99



Ht

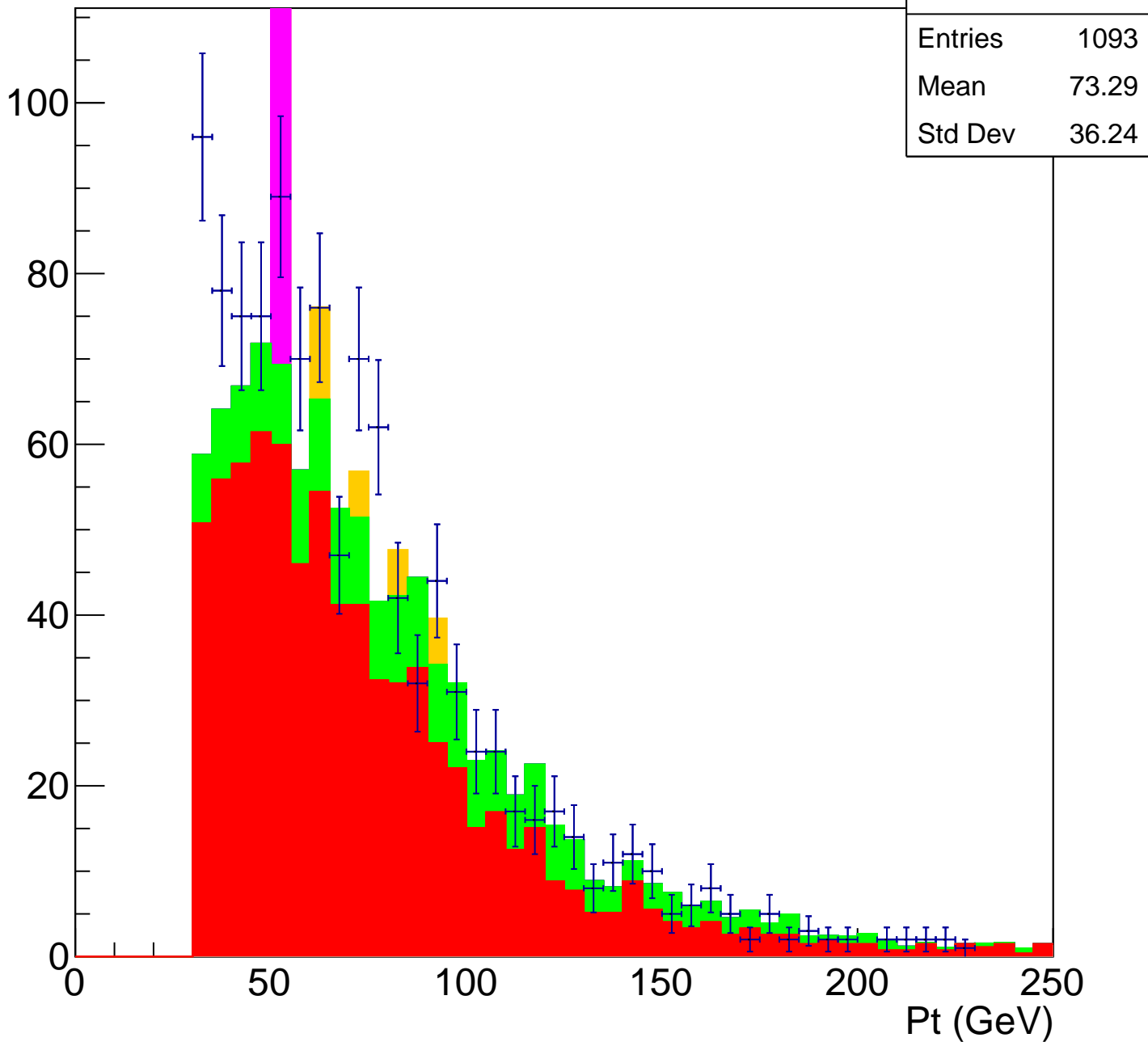
Events

2018__Mu__Data__ht__nominal	
Entries	1093
Mean	298.2
Std Dev	170.5



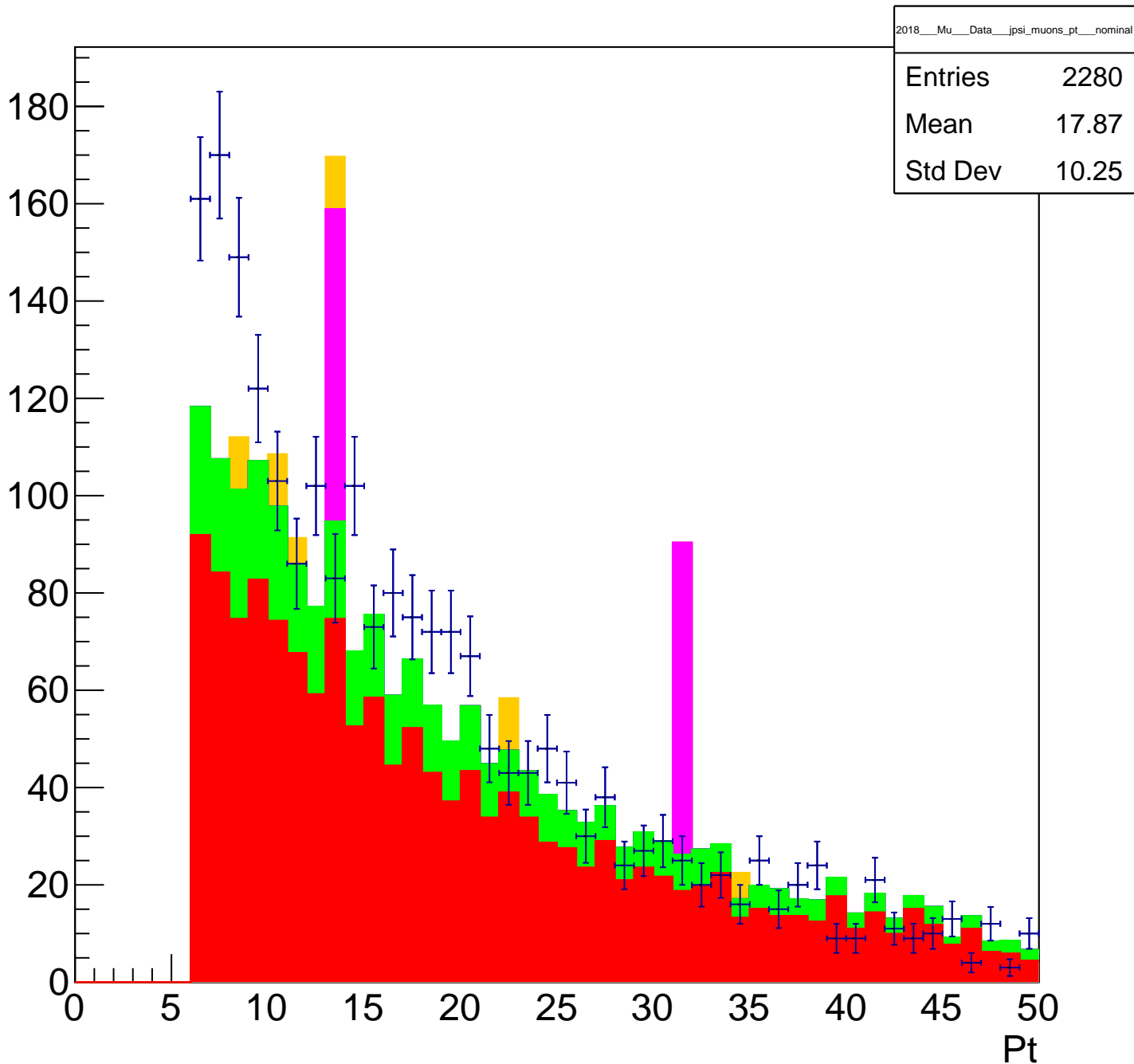
MET

Events



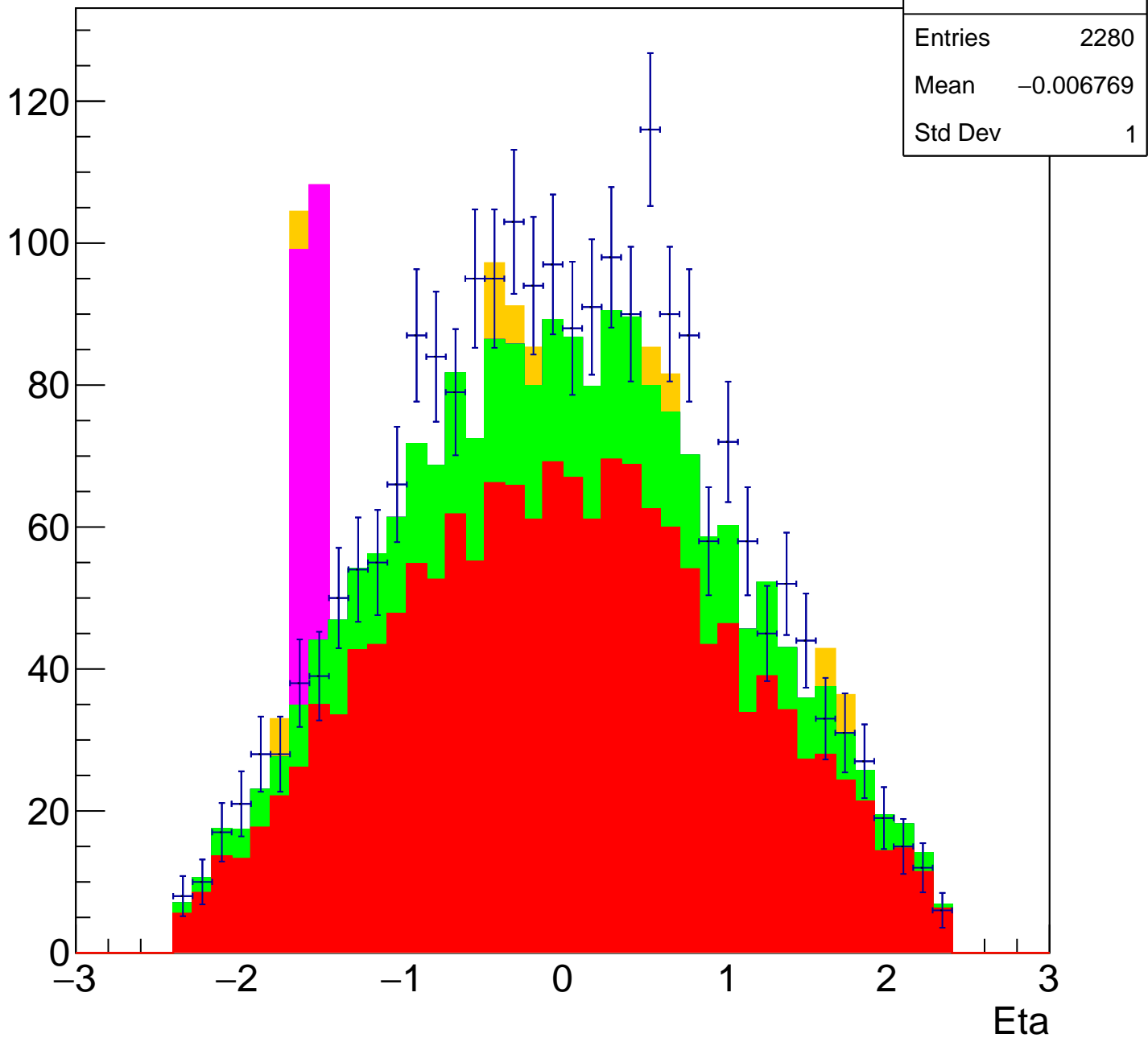
Transverse Momentum for JPsi Muons

Events

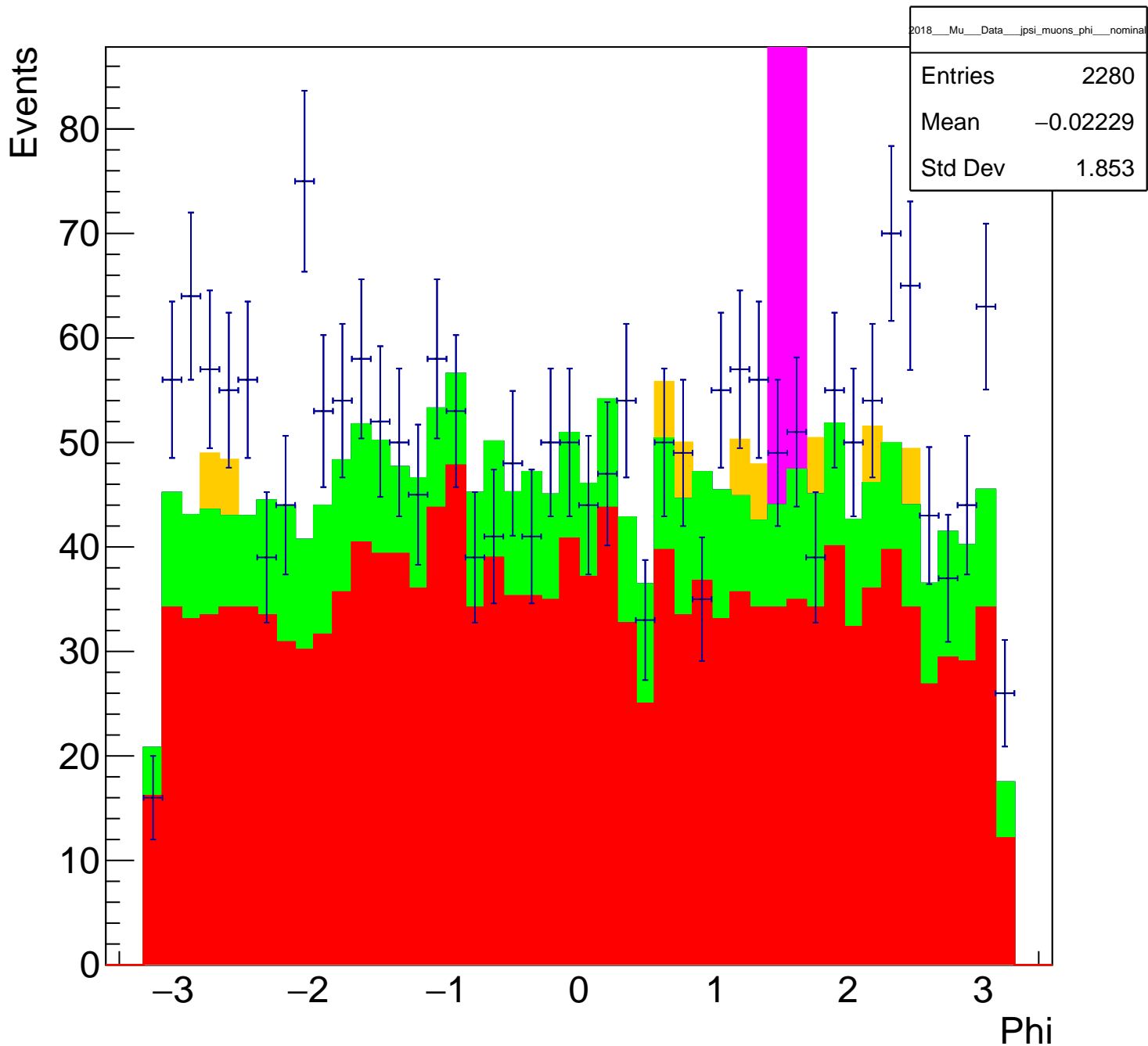


Pseudorapidity for JPsi Muons

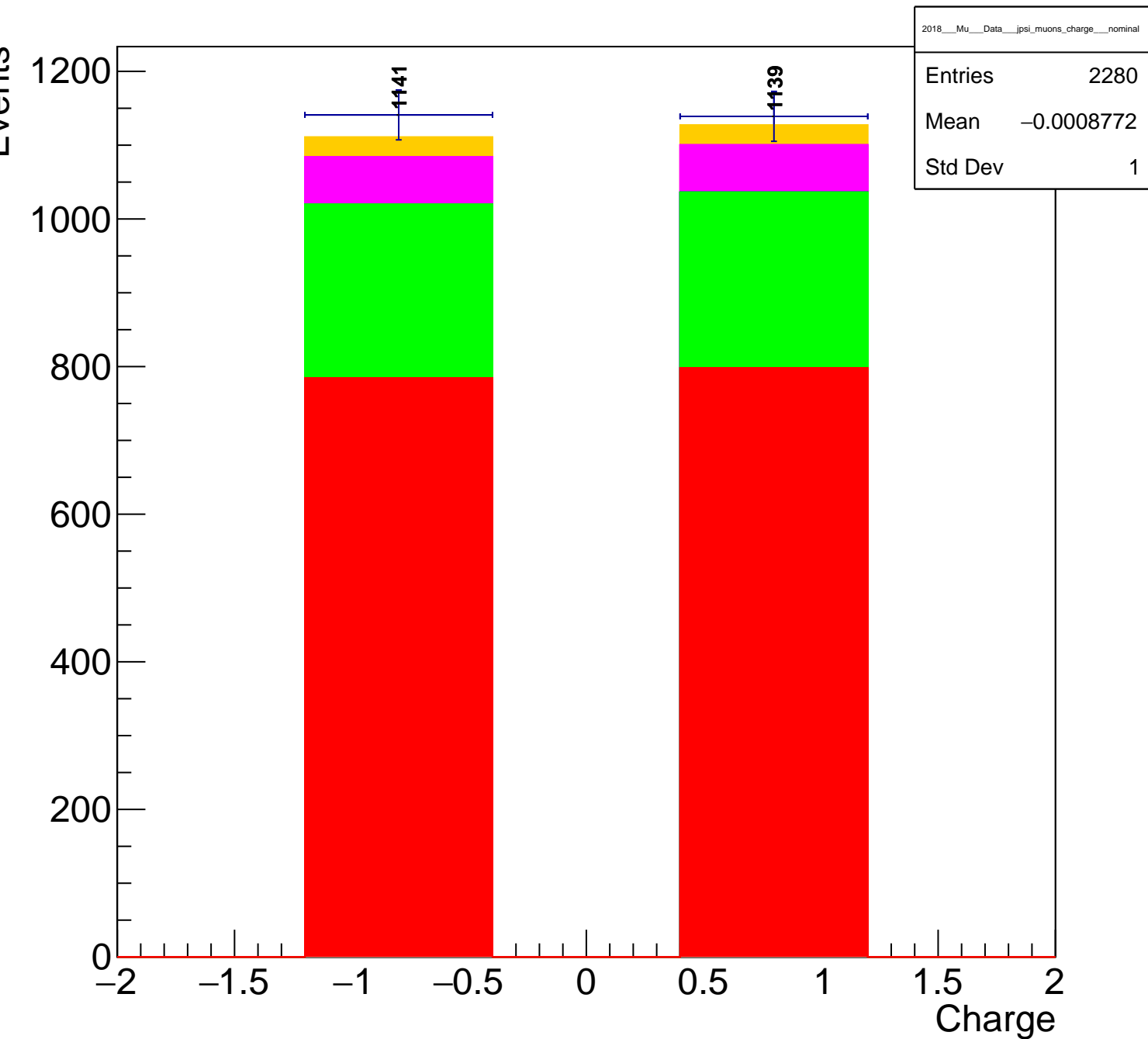
Events



Angle for JPsi Muons

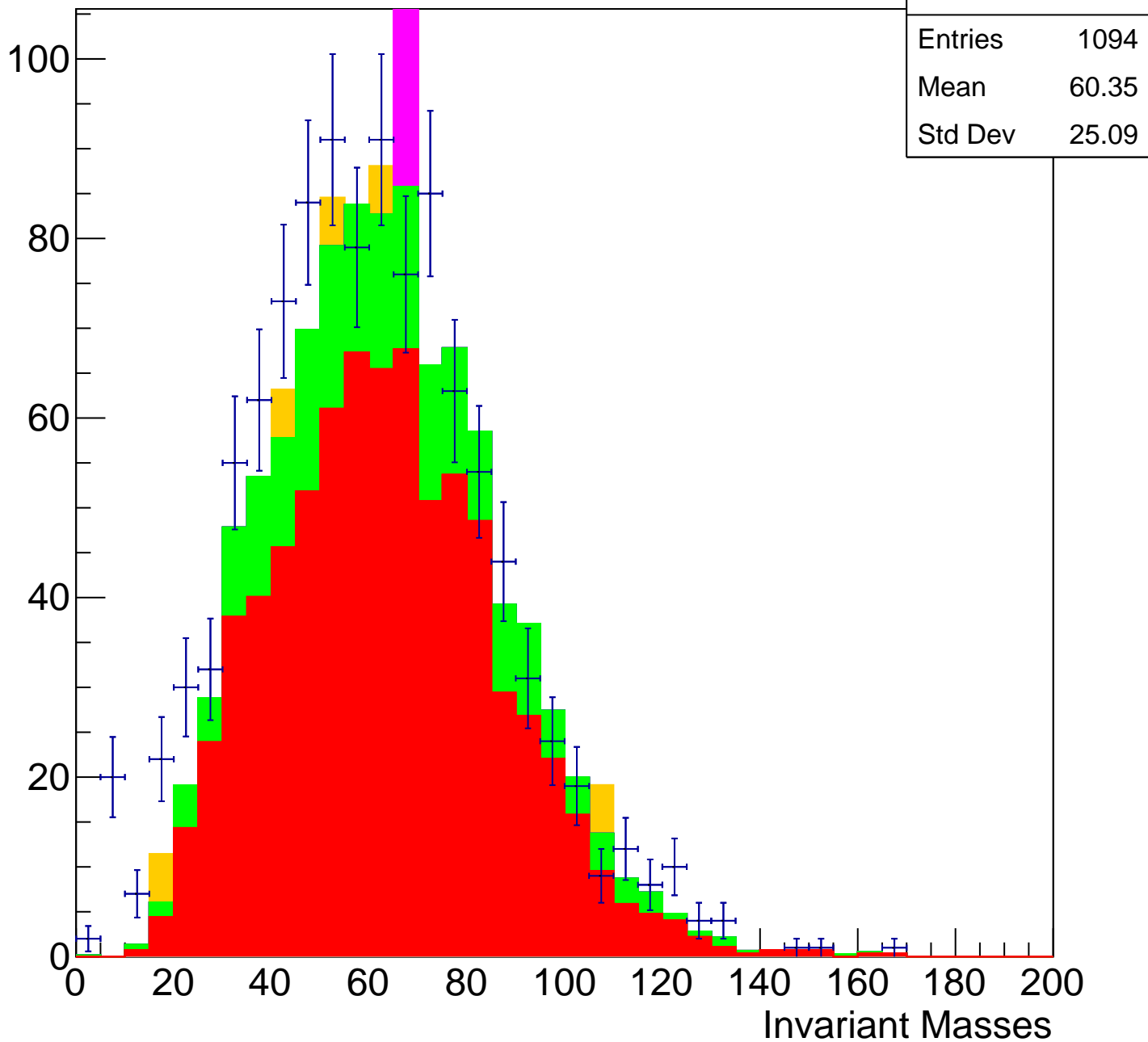


Charge of JPsi Muons



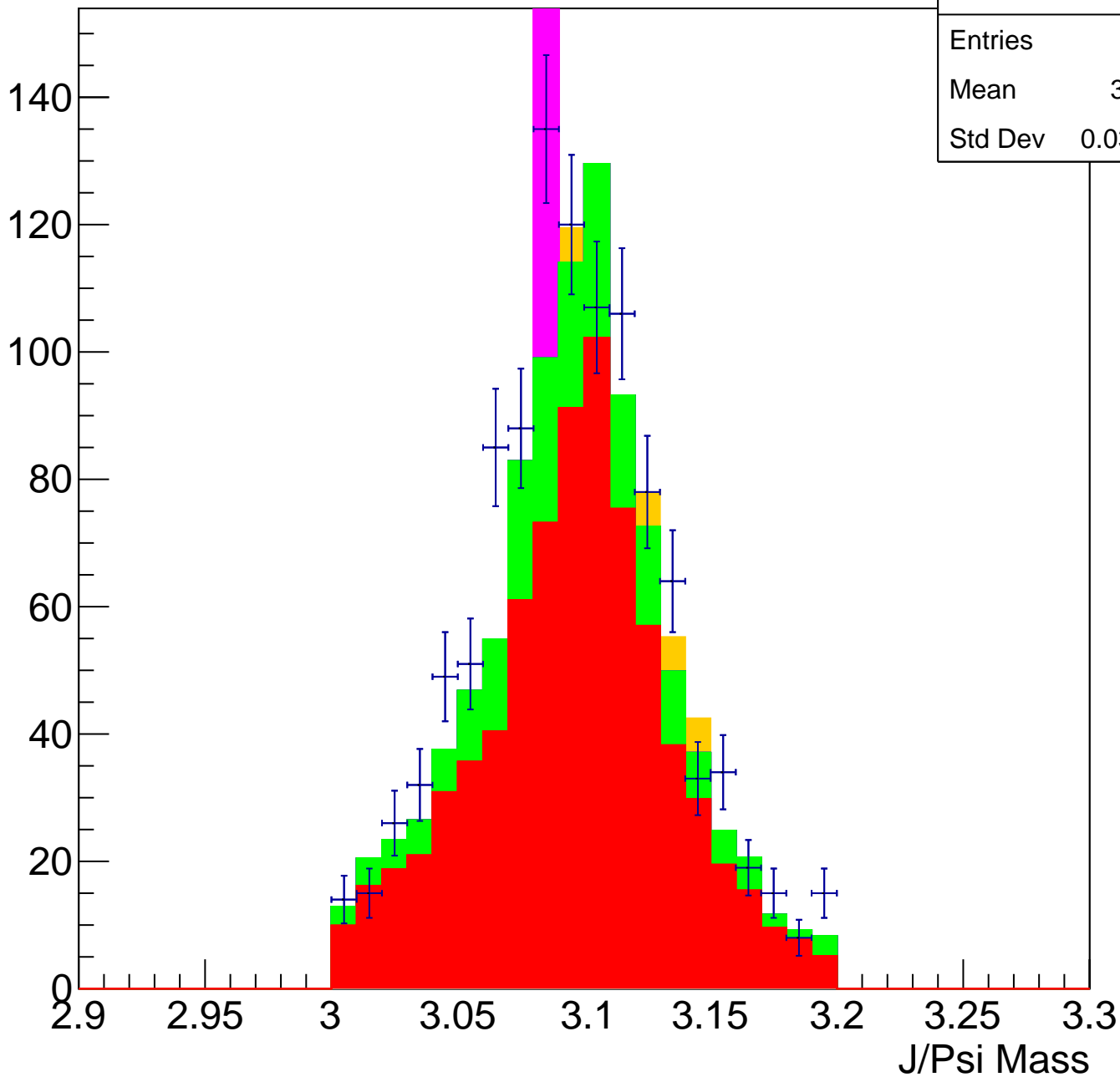
Invariant Masses for J/Psi And Isolated Muons ($dR < 2$)

Events



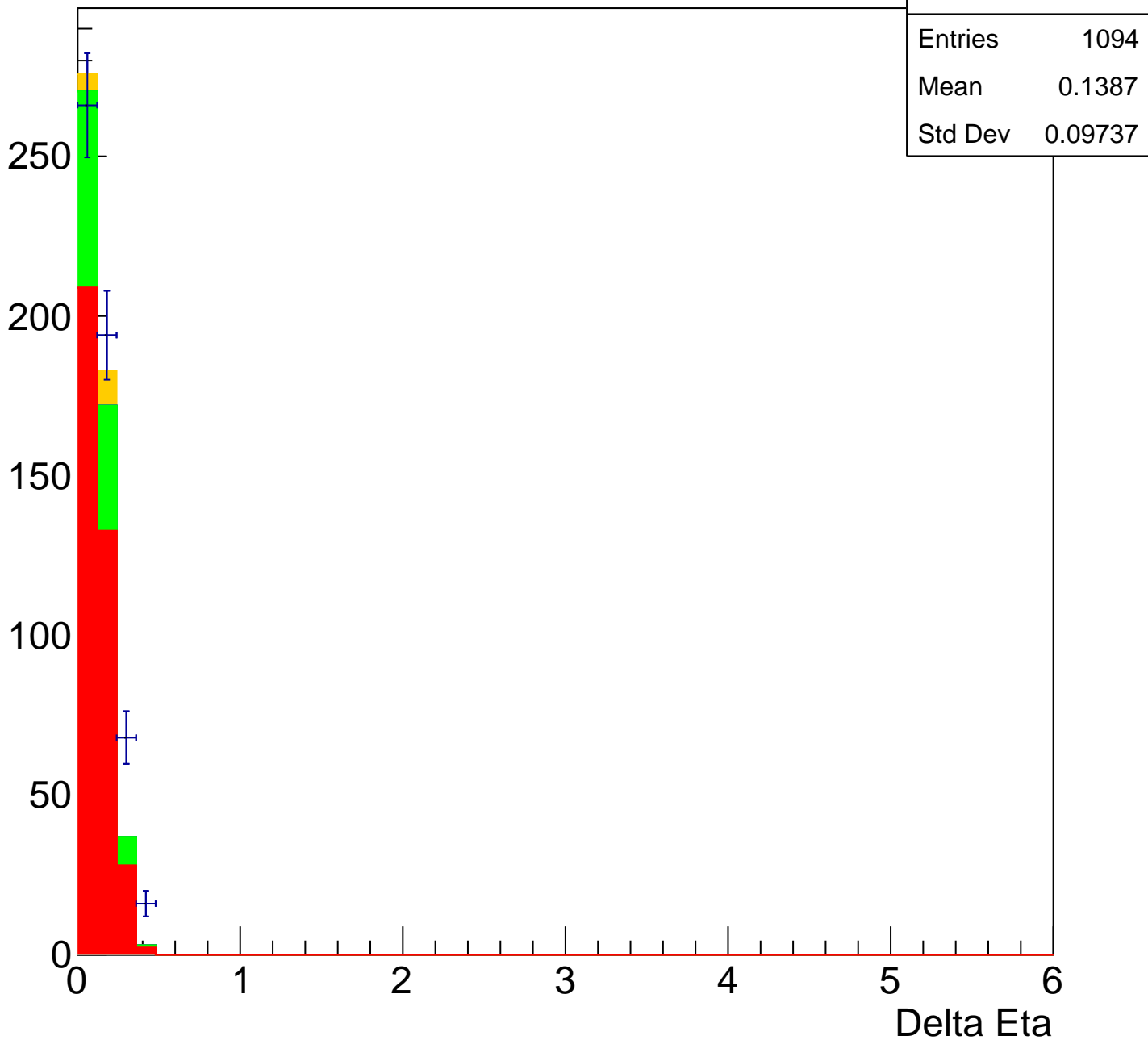
J/Psi Mass Made from Muons In Peak

Events

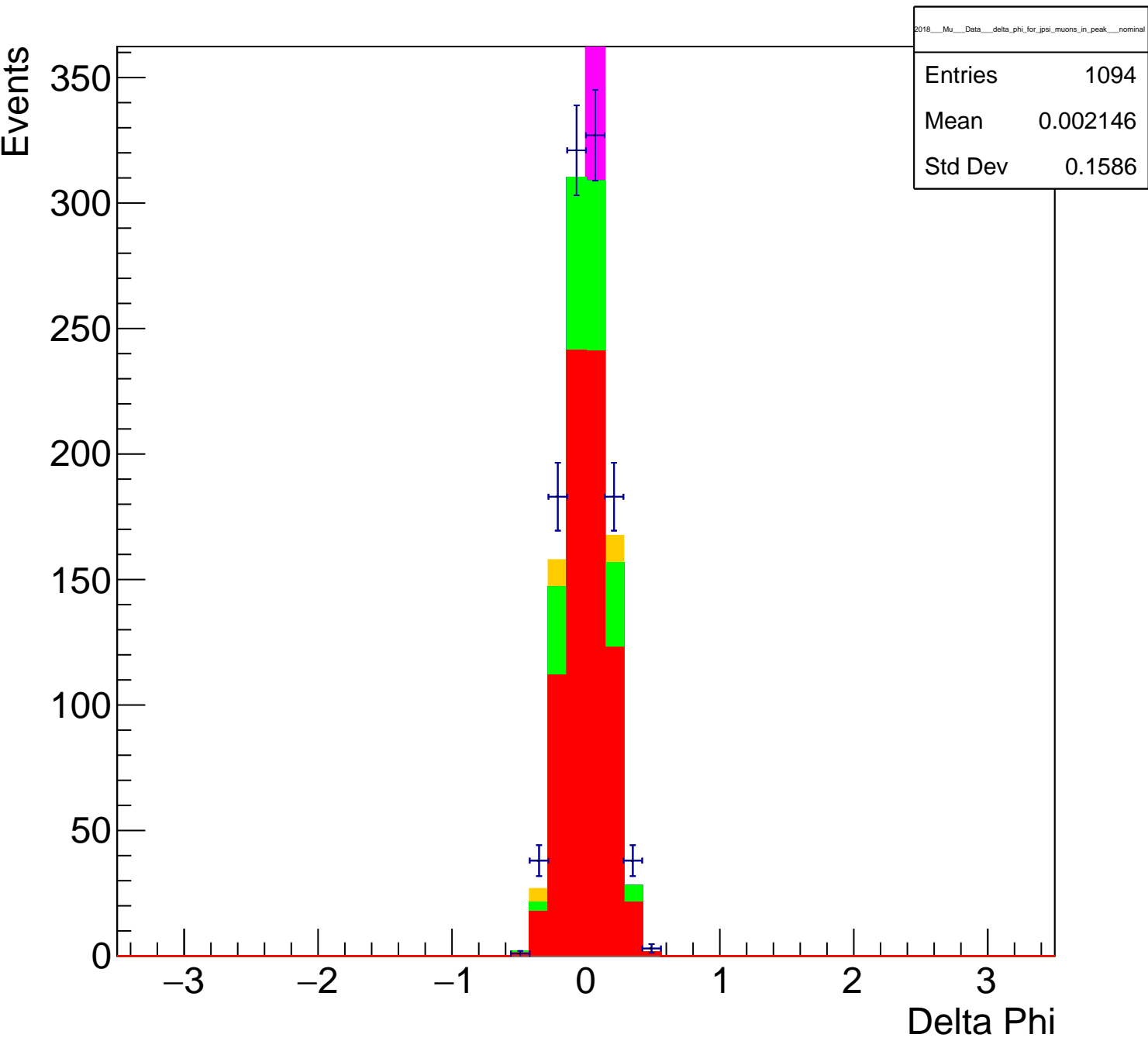


Delta Eta For J/Psi Muons In Peak

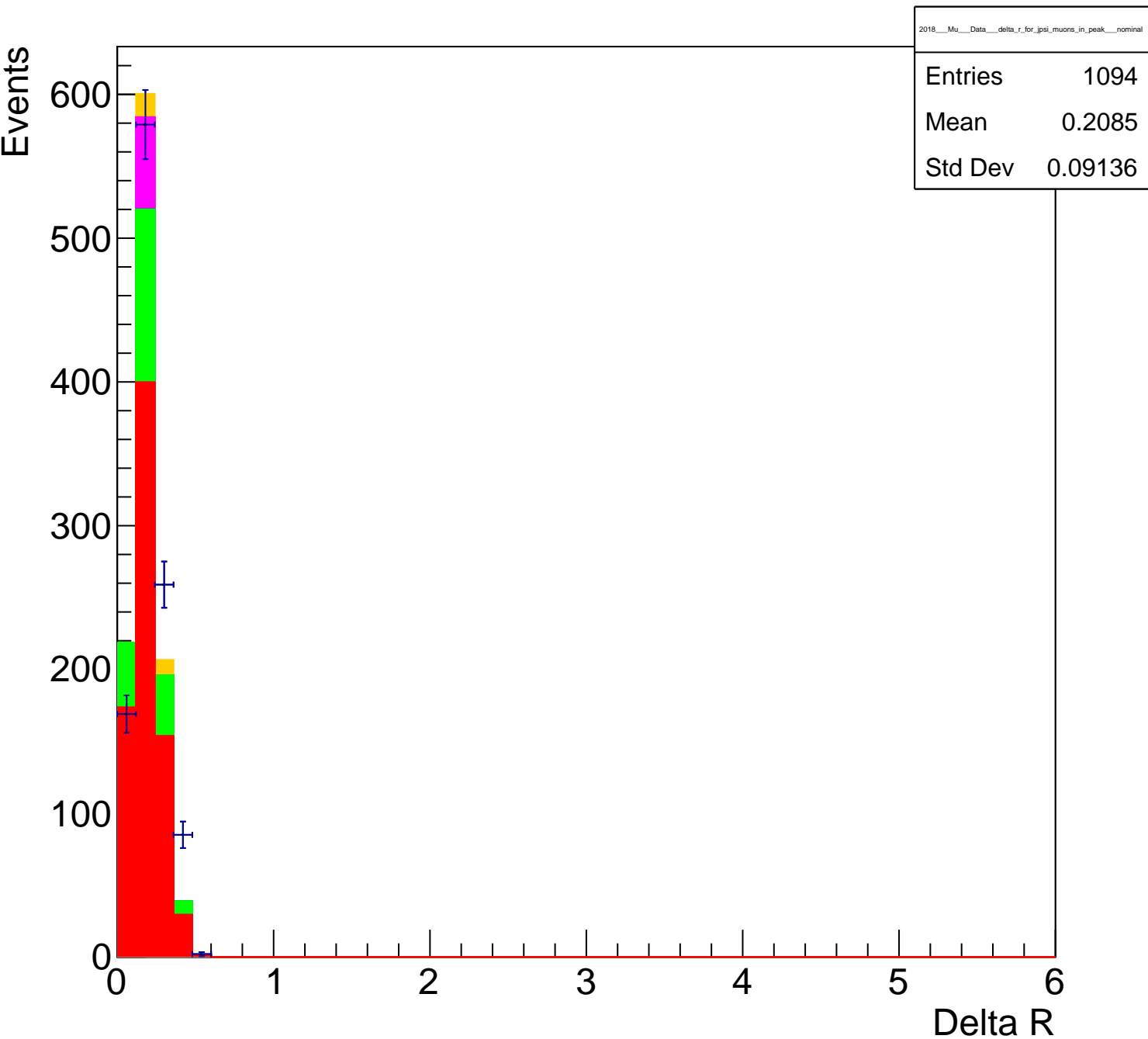
Events



Delta Phi For J/Psi Muons In Peak

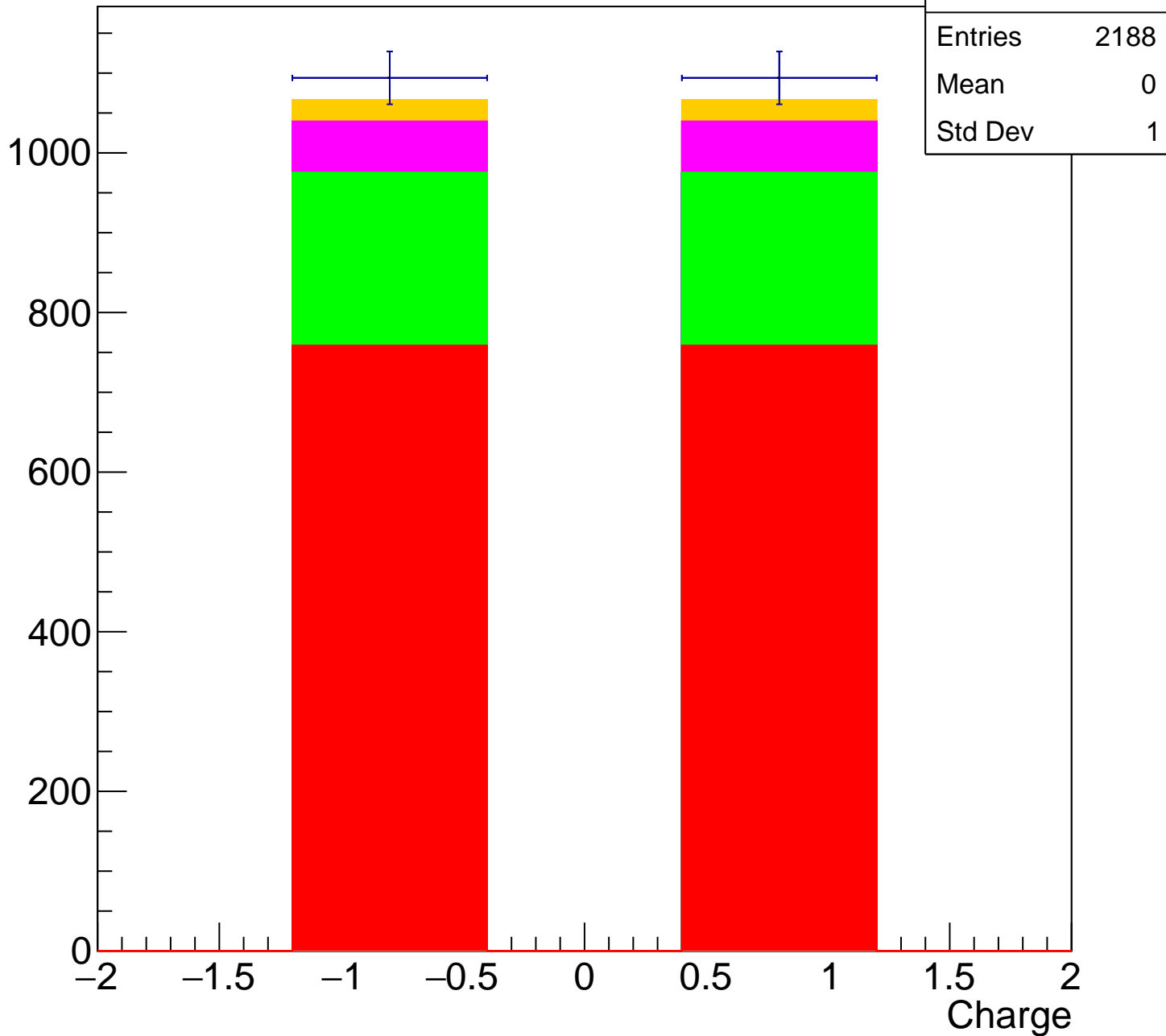


Delta R For J/Psi Muons In Peak



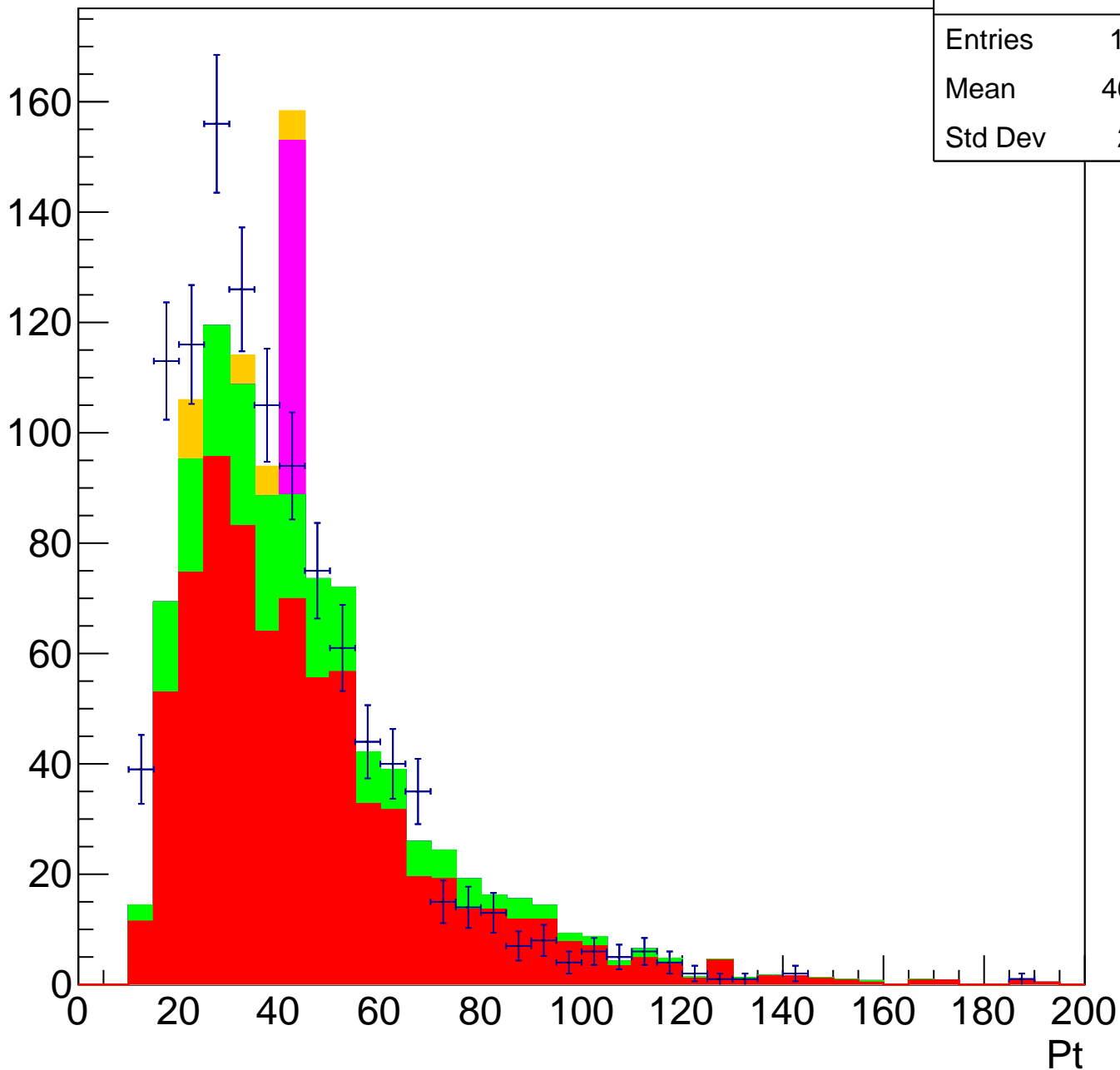
J/Psi Muons In Peak Charge

EVG113



J/Psi Pt With Muons In Peak

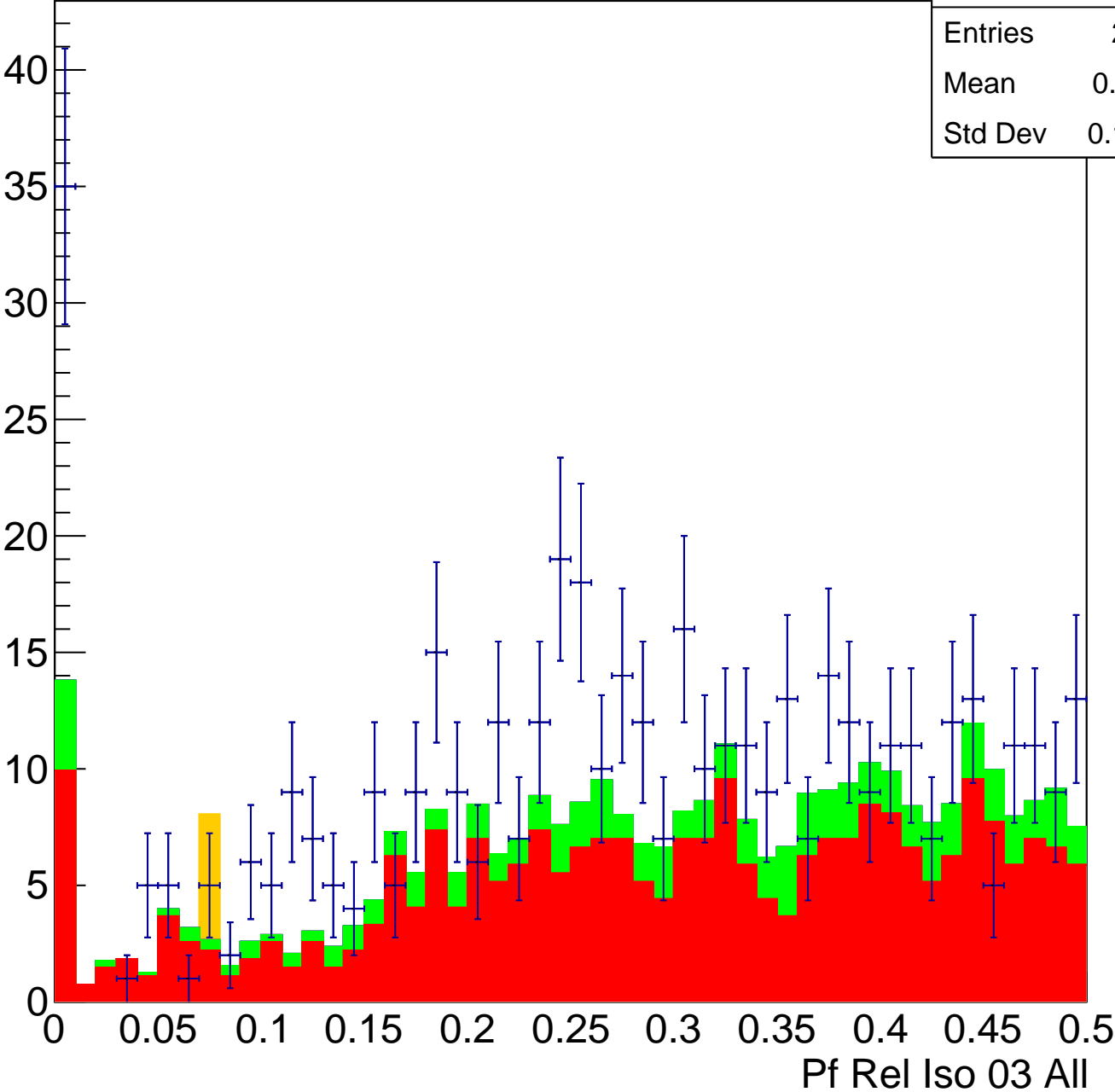
Events



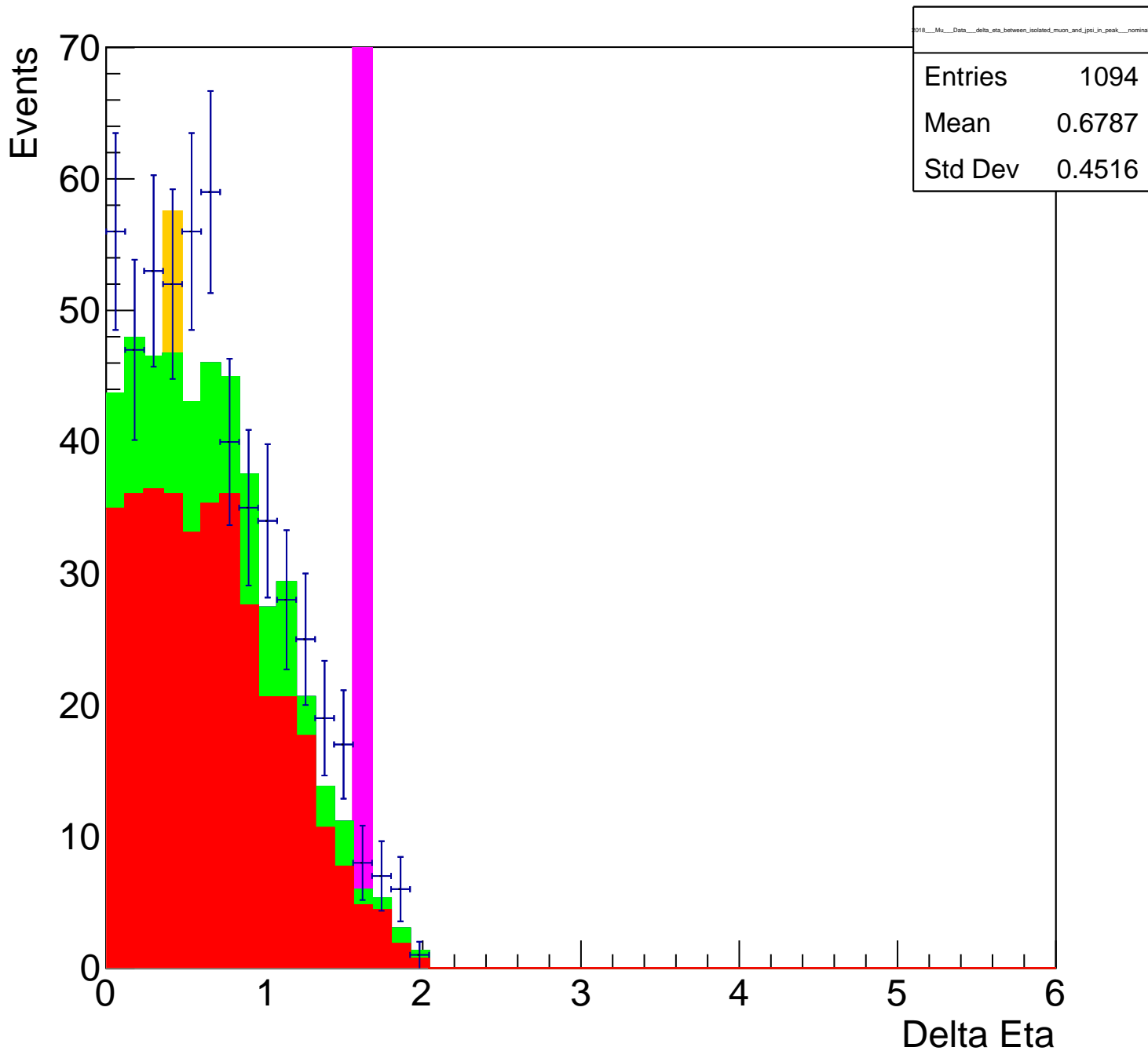
J/Psi Pf Rel Iso 03 All Made From Muons In Peak

Events

2018__Mu__Data__jpsi_muon_isolation_in_peak__nominal	
Entries	2188
Mean	0.2741
Std Dev	0.1384



Delta Eta Between Isolated Muon And J/Psi



Delta Phi Between Isolated Muon And J/Psi

Events

60

50

40

30

20

10

0

-3

-2

-1

0

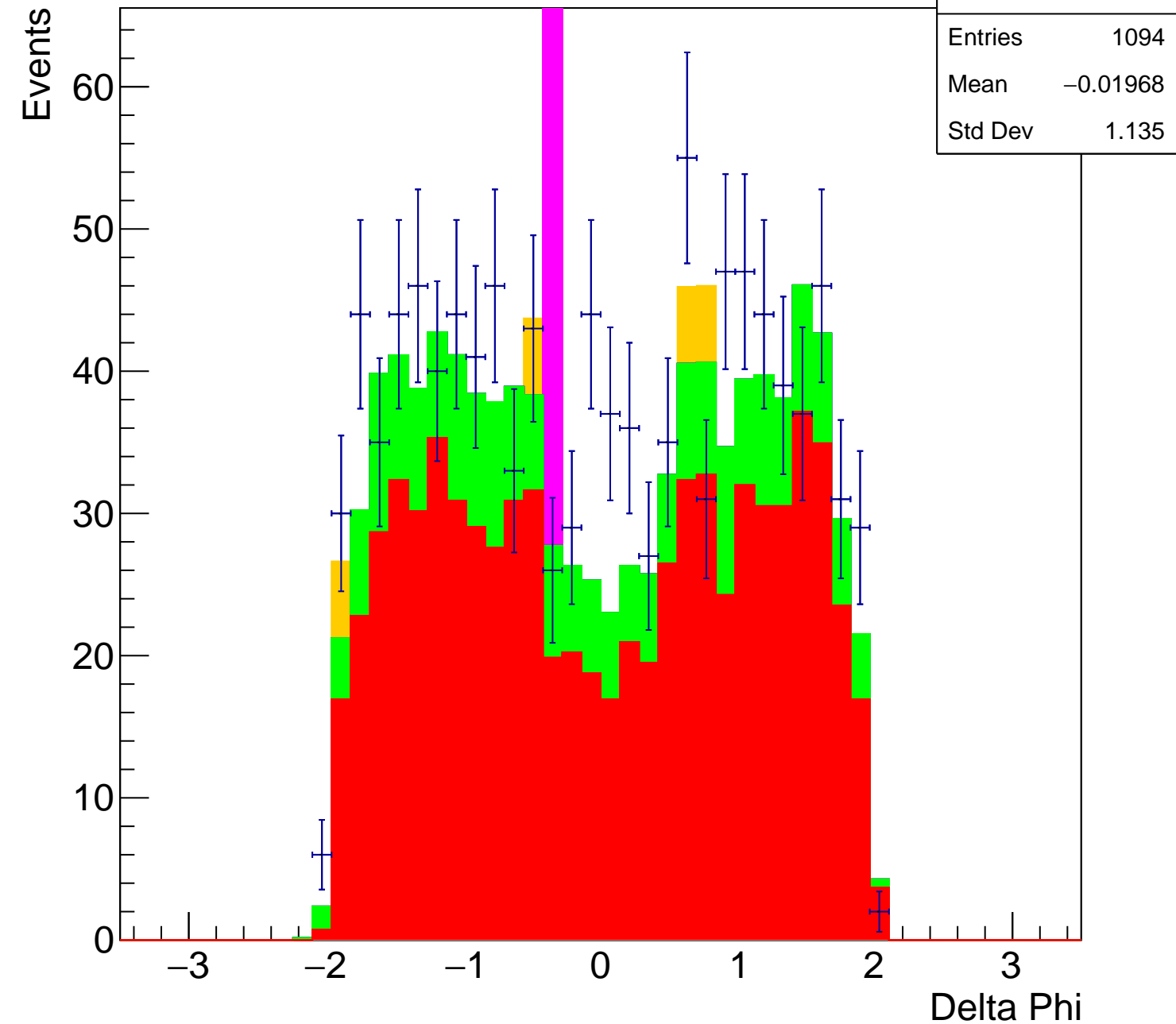
1

2

3

Delta Phi

2018_Mu_Data_delta_phi_between_isolated_muon_and_jpsi_in_peak_nominal	
Entries	1094
Mean	-0.01968
Std Dev	1.135



Delta R Between Isolated Muon And J/Psi

Events

