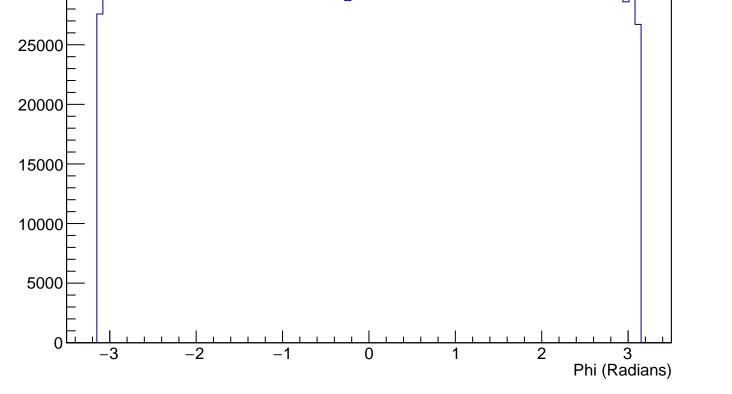
Muon Pt ×10³ mu_pt Events **Entries** 327132 66.37 Mean 32.65 Std Dev 100 80 60 40 20 0∟ 20 200 220 Pt (GeV) 40 80 120 160 60 100 140 180

Muon Pseudorapidity mu_eta **Entries** 327132 Mean 0.01221 50000 1.115 Std Dev 40000 30000 20000 10000 0^{\perp}_{3} Eta

Muon Angle mu_phi **Entries** 327132 Mean -0.0102230000 Std Dev 1.817 25000 20000 15000



Jet Pt for events with at least 1 jet jet1_pt **Entries** Mean 102.2 Std Dev 36.62 20 Pt (GeV)

Jet Pt for events with at least 2 jets jet2_pt **Entries** Mean 74.79 Std Dev 31.83 0∟ 20 Pt (GeV)

Jet Pseudorapidity for events with at least 1 jets jet1_eta **Entries** 326136 50000 Mean 0.00254 Std Dev 1.166 40000 30000 20000 10000 0<u>L</u> Eta

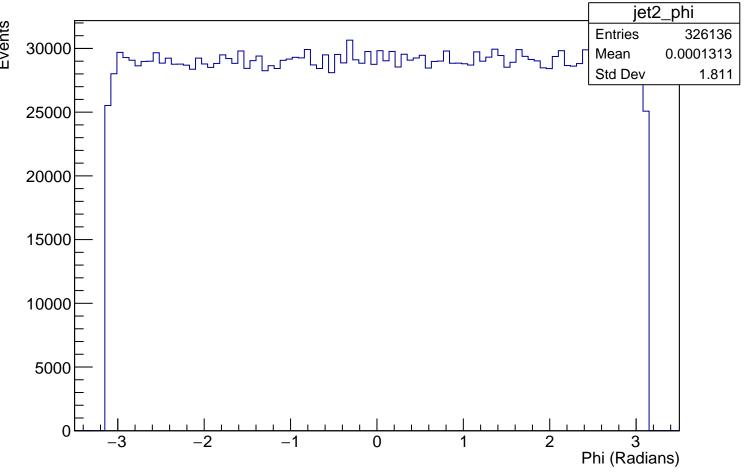
Jet Pseudorapidity for events with at least 2 jets jet2_eta 326136 **Entries** 0.003066 Mean 45000 1.176 Std Dev 40000 35000 30000 25000 20000 15000 10000 5000 0<u>L</u> Eta

Jet Angle for events with at least 1 jet jet1_phi **Entries** 326136 -0.01399Mean 30000 1.81 Std Dev 25000 20000 15000 10000 5000

Phi (Radians)

0

Jet Angle for events with at least 2 jets



Deep Jet B Discriminator $\times 10^3$ jet_deep Events **Entries** 326136 700 Mean 0.3963 Std Dev 0.4309 600 500 400 300 200 100 0, 0.2 0.3 0.5 0.6 0.7 8.0 0.9 0.4

Discriminant Value

Selected Jets $\times 10^3$ number_of_jets Events **Entries** Mean 3.548 Std Dev 1.326 r **Number Of Jets**

Selected Muons $\times 10^3$ number_of_muons Events **Entries** 326136 Mean 1.003 2500 Std Dev 0.05535 2000 1500 1000 500 0, 2 2.5 0.5 1.5 3 3.5 4.5 **Number of Muons**

