Muon Pt ×10³ mu_pt Events **Entries** 313089 66.53 Mean 100 32.81 Std Dev 80 60 40 20 0∟ 20 200 220 Pt (GeV) 40 80 120 160 180 60 100 140

Muon Pseudorapidity mu_eta **Entries** 313089 0.01132 Mean 50000 Std Dev 1.106 40000 30000 20000 10000 0^{\perp}_{3} Eta

Muon Angle mu_phi **Entries** 313089 Mean -0.0100430000 Std Dev 1.817 25000 20000 15000 10000 5000 0

Phi (Radians)

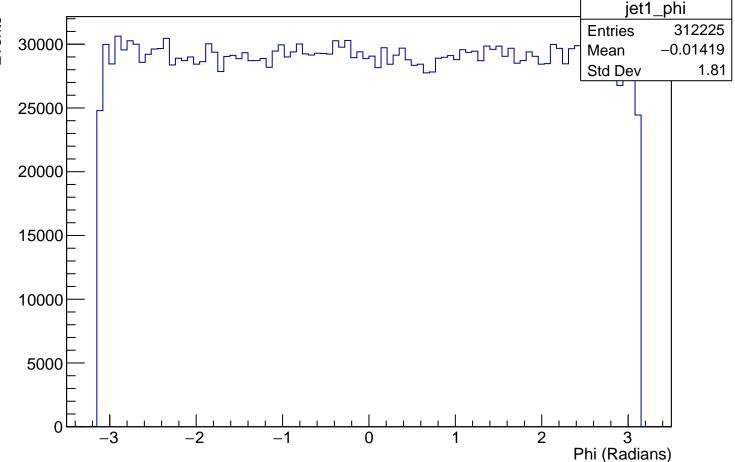
Jet Pt for events with at least 1 jet jet1_pt **Entries** Mean 103.3 Std Dev 36.27 Pt (GeV)

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

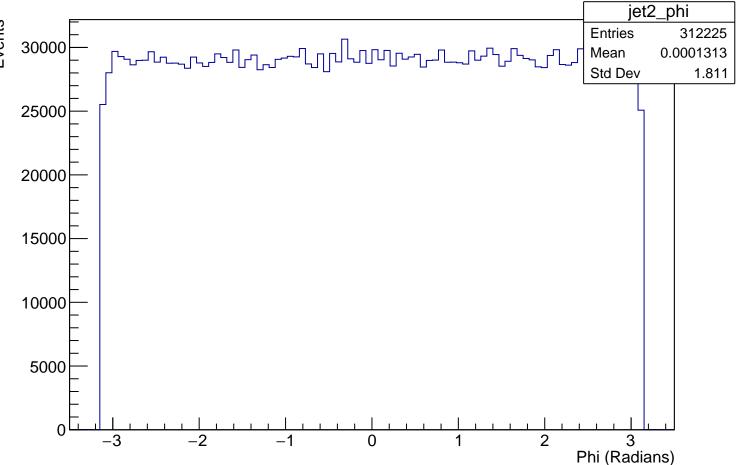
Jet Pseudorapidity for events with at least 1 jets jet1_eta 50000 312225 **Entries** 0.001985 Mean Std Dev 1.156 40000 30000 20000 10000 0<u>L</u> Eta

Jet Pseudorapidity for events with at least 2 jets jet2_eta **Entries** 312225 0.003066 Mean 45000 1.176 Std Dev 40000 35000 30000 25000 20000 15000 10000 5000 0<u>L</u> Eta

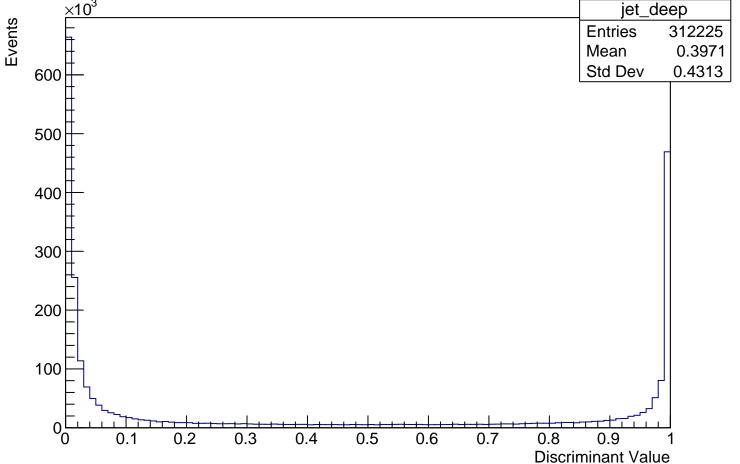
Jet Angle for events with at least 1 jet



Jet Angle for events with at least 2 jets

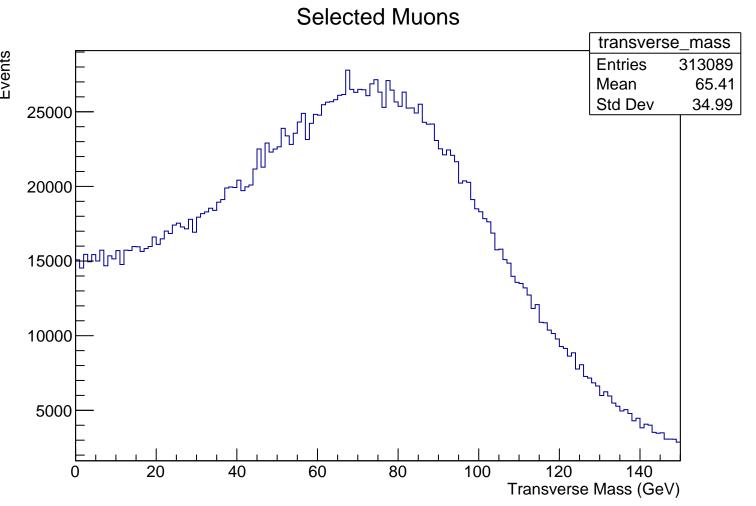


Deep Jet B Discriminator



Selected Jets $\times 10^3$ number_of_jets Events **Entries** 312225 3.665 Mean 800 Std Dev 1.228 700 600 500 400 300 200 100 0, 2 12 18 10 14 16 20 **Number Of Jets**

Selected Muons $\times 10^3$ number_of_muons Events **Entries** 312225 2500 Mean 1.003 Std Dev 0.0528 2000 1500 1000 500 0, 2 2.5 0.5 1.5 3 3.5 4.5 **Number of Muons**



Selected Muons missing_transverse_momentum Events **Entries** 68.14 Mean Std Dev 42.77 Missing Transverse Momentum (GeV)