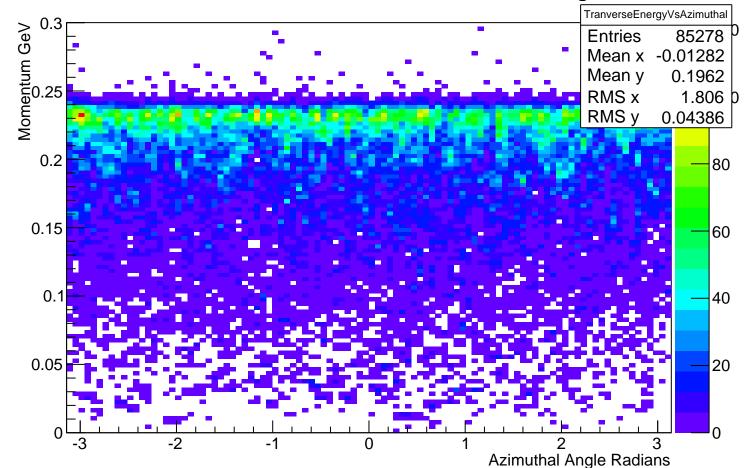
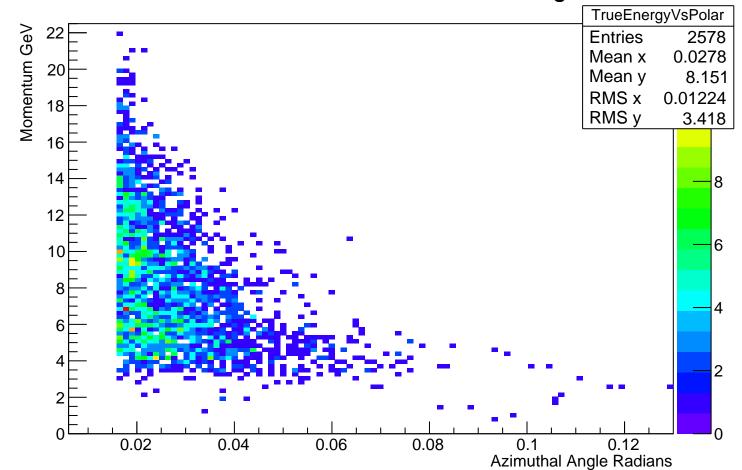
Tranverse Momentum and Azimuthal Angle

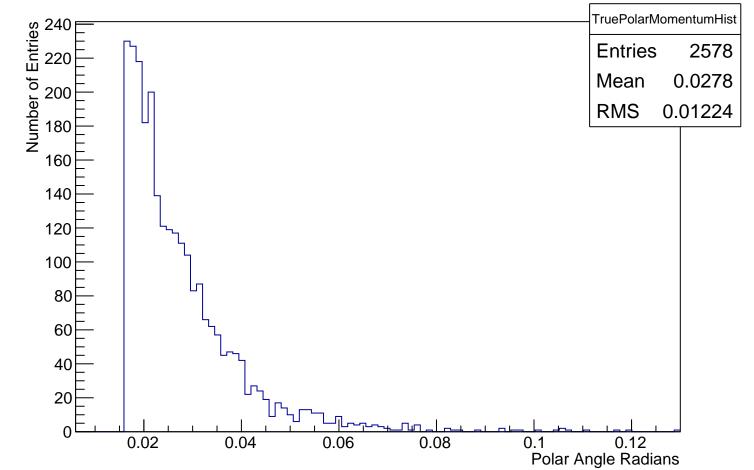


True Azimuthal Angle TrueAzimuthalMomentumHist Number of Entries 50 **Entries** 2578 0.1366 Mean **RMS** 1.695 40 30 20 10 0 -3 Azimuthal Angle Radians

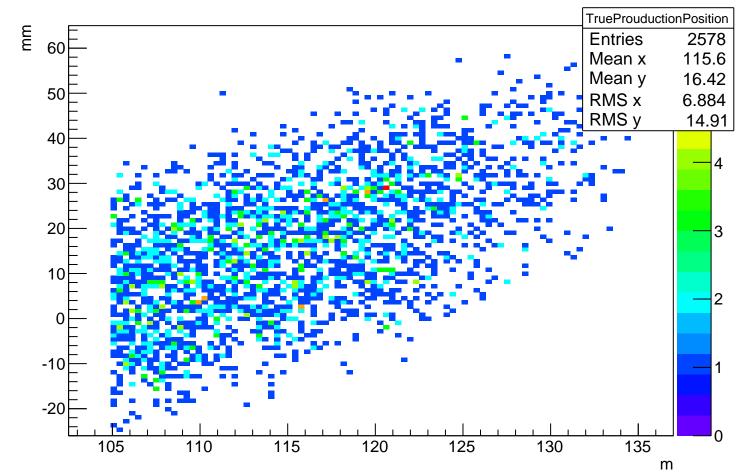
True Total Momentum and Polar Angle



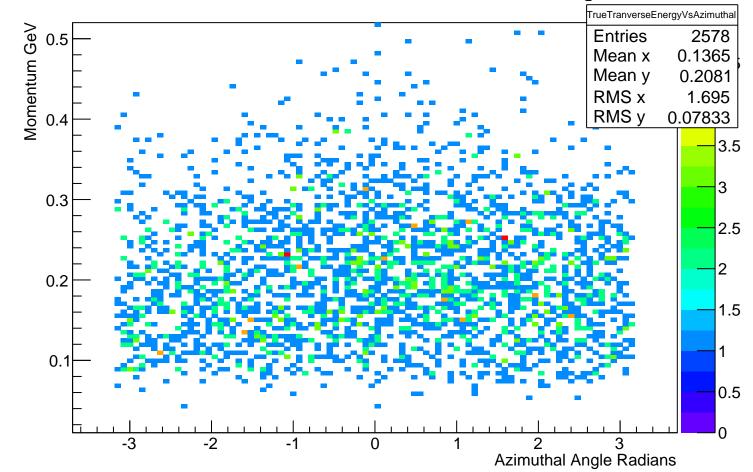
True Polar Angle

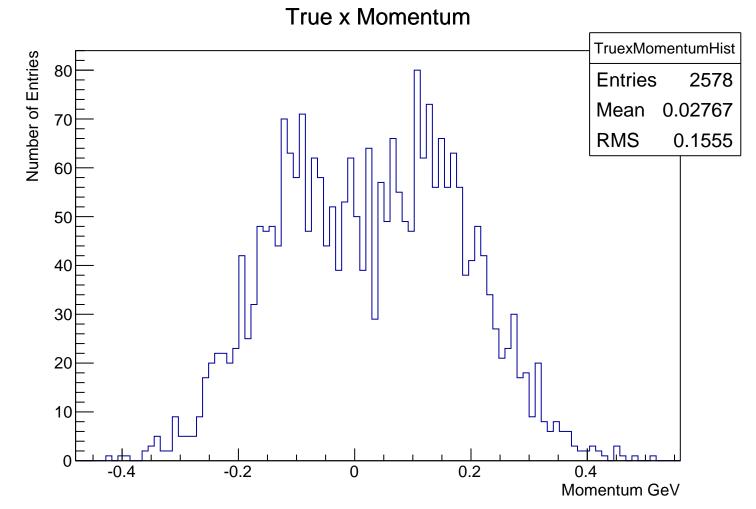


MuonProductionPoint



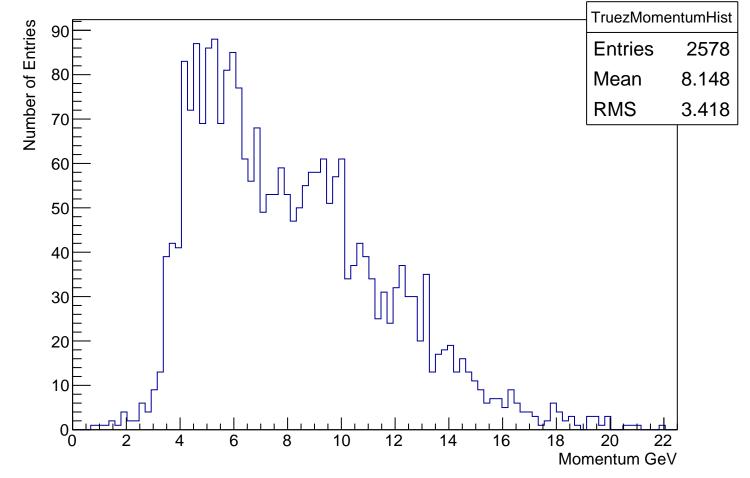
Tranverse Momentum and Azimuthal Angle



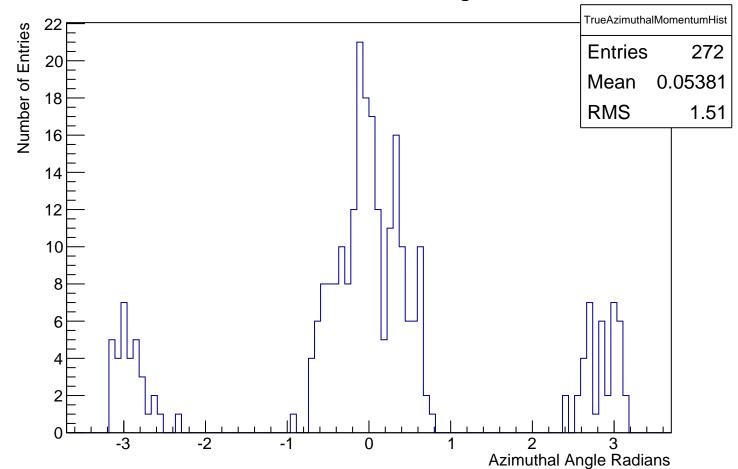


True y Momentum TrueyMomentumHist Number of Entries 70 **Entries** 2578 0.01381 Mean 60 **RMS** 0.1559 50 40 30 20 10 0 -0.2 0.2 0.4 Momentum GeV

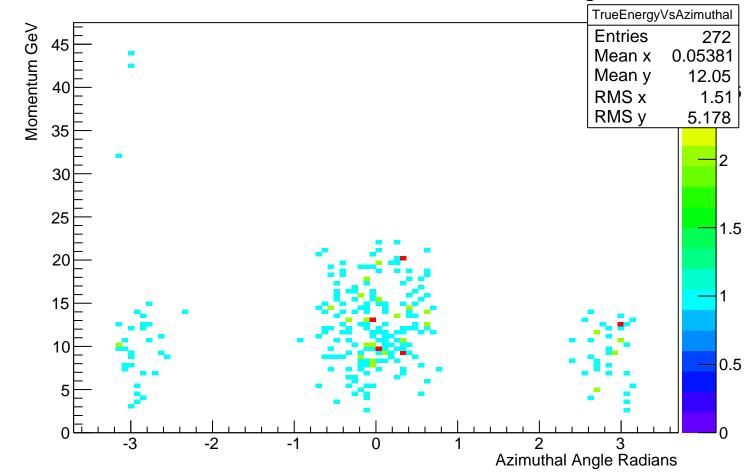
True z Momentum



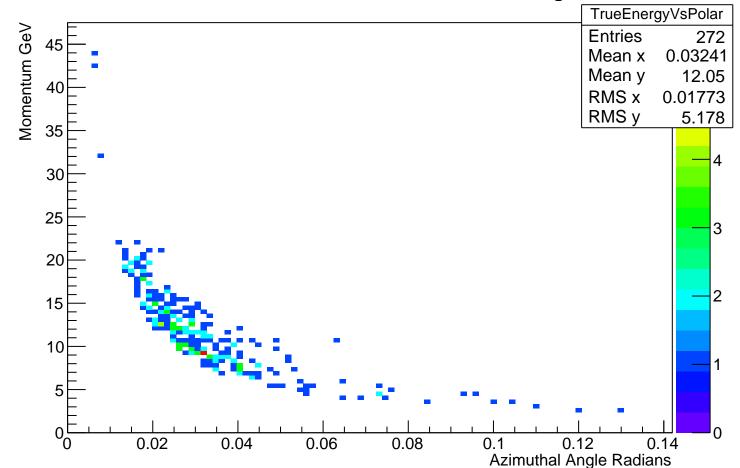
True Azimuthal Angle



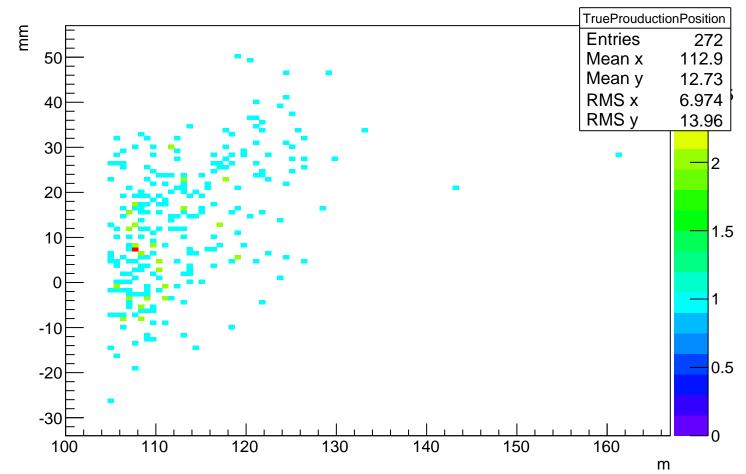
True Total Momentum and Azimuthal Angle



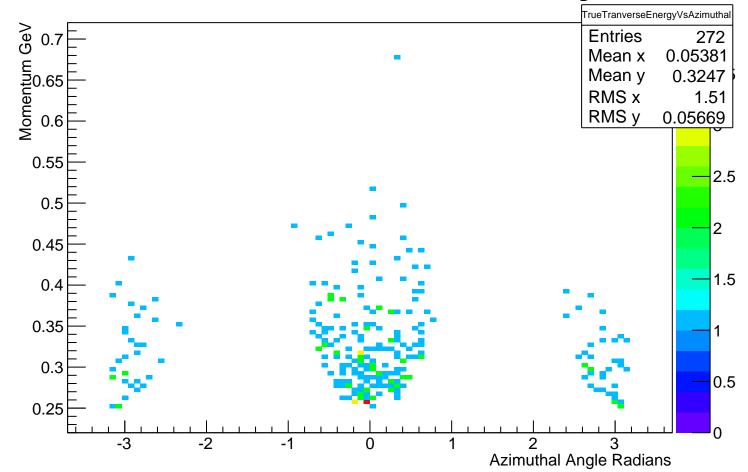
True Total Momentum and Polar Angle



MuonProductionPoint



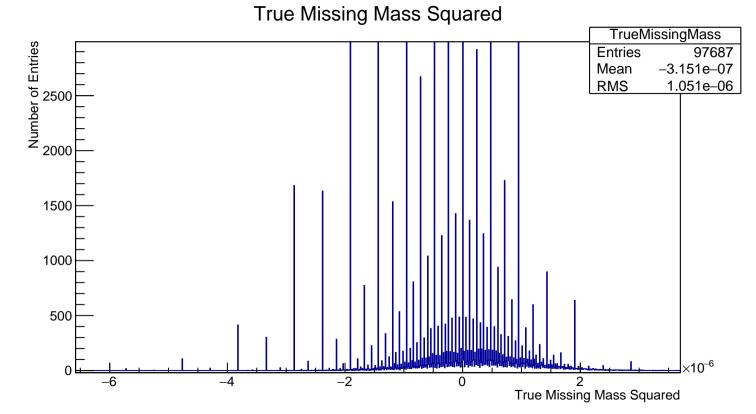
Tranverse Momentum and Azimuthal Angle



True x Momentum TruexMomentumHist Number of Entries **Entries** 272 35 Mean 0.1482 30 0.2697 **RMS** 25 20 15 10 5 0 -0.4 -0.2 0.2 0.6 0.4 Momentum GeV

True y Momentum TrueyMomentumHist Number of Entries **Entries** 272 12 0.00461 Mean **RMS** 0.1181 10 8 6 4 2 0 0.2 -0.3 -0.2 -0.1 0.3 -0.4 0.1 Momentum GeV

True z Momentum TruezMomentumHist Number of Entries **Entries** Mean 12.04 5.181 **RMS** Momentum GeV



True Missing Mass Squared TrueMissingMass Number of Entries 0000 0000 Entries 97687 Mean -3.152e-07 **RMS** 1.051e-06 6000 4000 2000 0 -6

True Missing Mass Squared

True Missing Mass Squared TrueMissingMass 80000 80000 80000 Entries 97687 Mean -7046 **RMS** 7.579e+04 60000 50000 40000 30000 20000 10000 ×10³ -2000 -1500 -1000-500 True Missing Mass Squared