z Momentum zMomentumHist Number of Entries **Entries** 48.16 Mean 18.48 **RMS** 

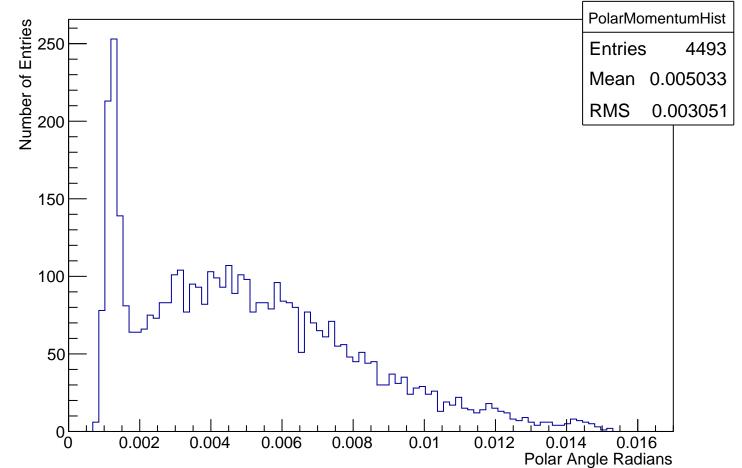
Momentum GeV

y Momentum yMomentumHist Number of Entries 80 **Entries** 4493 -0.002137 Mean 70 **RMS** 0.137 60 50 40 30 20 10 -0.2 0.2 -0.1 0.1 0.3 Momentum GeV

Compare x Momentum xMomentumHist Number of Entries 100 **Entries** 4493 0.01442 Mean **RMS** 0.1368 80 60 40 20 -0.2 0.2 -0.1 0.1 Momentum GeV

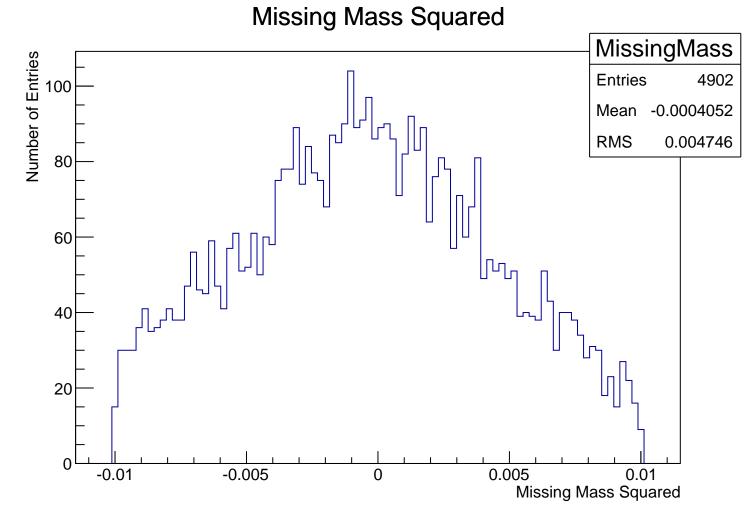
**Transverse Momentum** Number of Entries 520 TransverseMomentumHist **Entries** 4493 Mean 186.9 52.46 **RMS** 200 150 100 50 50 100 150 200 250 300 Momentum MeV

Polar Angle



Momentum MomentumHist Number of Entries **Entries** 48.16 Mean 18.48 **RMS** 

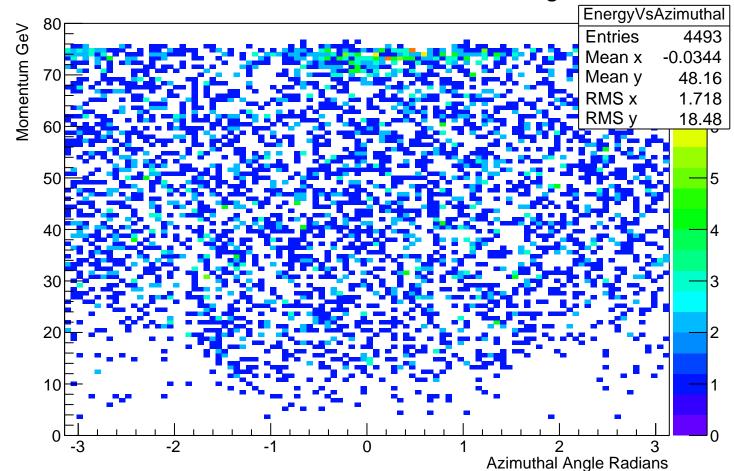
Momentum GeV



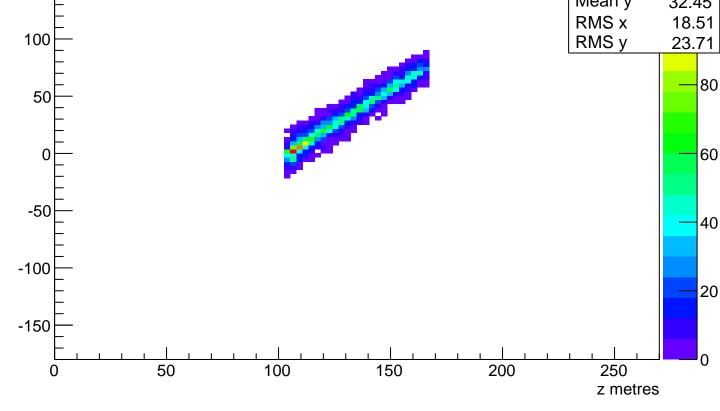
Total Momentum and polar Angle EnergyVsPolar 80 Momentum GeV **Entries** 4493 Mean x 0.005033 70 Mean y 48.16 RMS x 0.003051 RMS y 18.48 60 50 50 40 40 30 30 20 20 10 10 0 0.014 0.002 0.004 0.006 0.008 0.01 0.012 0.016

Polar Angle Radians

**Total Momentum and Azimuthal Angle** 



**Decay Poisition** DecayPoisition E E × 150 **Entries** 4493 Mean x 130.5 Mean y 32.45 18.51<sup>D</sup> RMS x 100 RMS y 23.71 80 50 60 0 -50 40 -100 20



Azimuthal Angle AzimuthalMomentumHist Number of Entries 65 **Entries** 4493 -0.0344 Mean 60 **RMS** 1.718 55 50 45 40 35 30 -2 -3 Azimuthal Angle Radians