Change in Projected Angle (X) thetaY_recoGEANT No. of events 90.0 MCEntries 46 -0.0002948Mean Reco sim RMS $0.0193 \pm 5.156e-05$ 0.05 Chi^2 = 1.1835690559197904e-143 Kolmogorov = 1.2027244648853001e-29 0.04 0.03 0.02 0.01 -8.06 -0.04 -0.020.02 0.04 0.06

 $\Delta\theta$ _y (mrad)