Change in Projected Angle (X) No. of events 20.02 thetaY\_recoGEANT MC **Entries** Mean 0.0007997 Reco sim RMS  $0.01453 \pm 3.347e-05$ 0.06 Chi^2 = 2.5127573400388136e-16 0.05 Kolmogorov = 1.884020232767721<mark>5e-12</mark> 0.04 0.03 0.02 0.01 -0.04-0.020.02 0.04 0.06

 $\Delta\theta$ \_y (mrad)