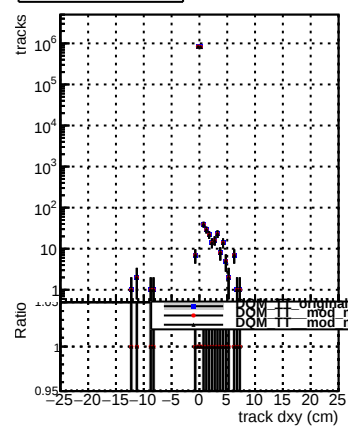
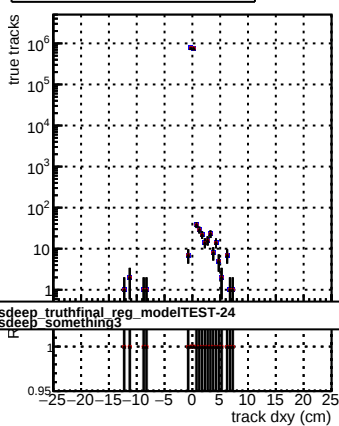


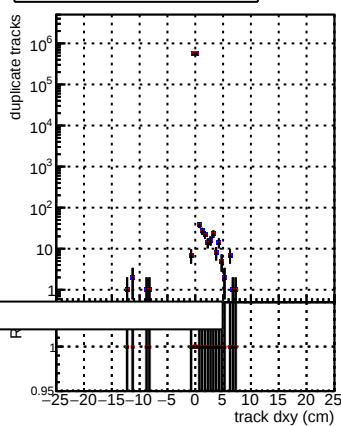
N of reco track vs dxy



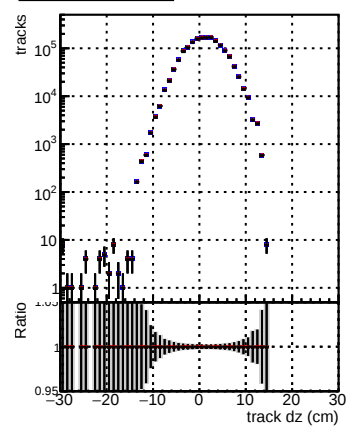
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

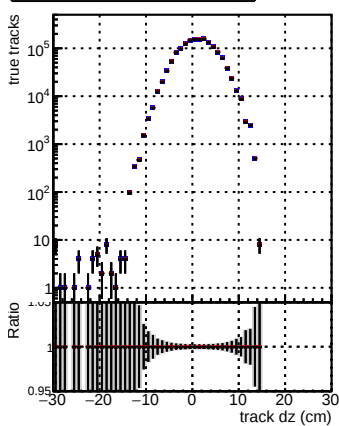


Figure 1 is a log-linear plot showing the ratio of fake tracks to total tracks as a function of track dz (cm). The y-axis, labeled "Ratio", is logarithmic and ranges from 0.95 to 10^4 . The x-axis, labeled "track dz (cm)", is linear and ranges from -30 to 30. The data points, represented by blue squares, show a peak around 0 cm, reaching a ratio of approximately 10^4 . A horizontal line is drawn at Ratio = 1. A shaded region indicates the 1-sigma uncertainty.

N of associated (recoToSim) looper tracks vs dz

