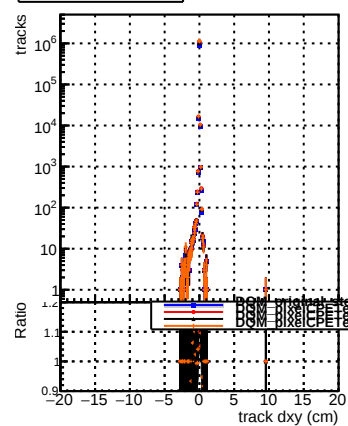
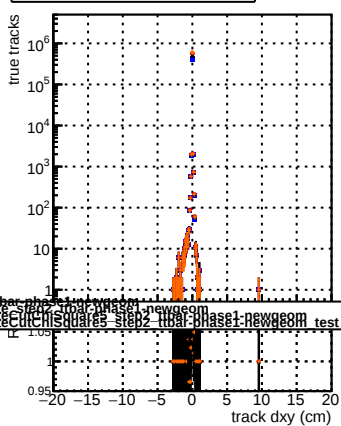


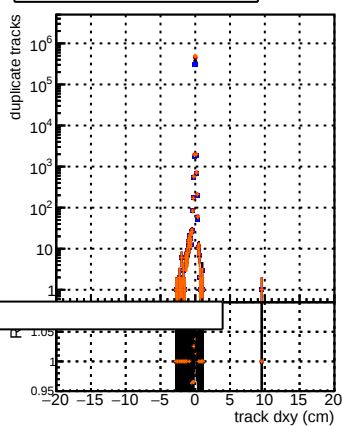
N of reco track vs dxy



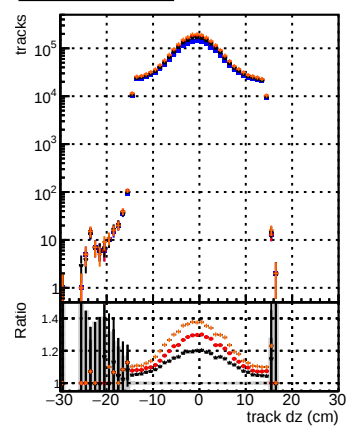
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

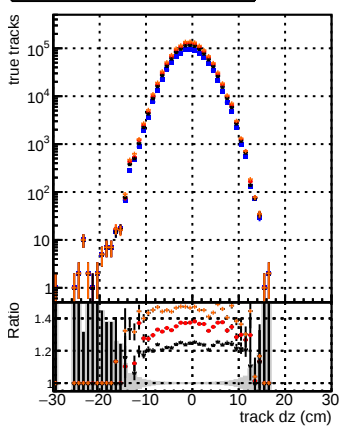


Figure 1 consists of two panels. The top panel shows the ratio of fake tracks to real tracks on a logarithmic scale from 10^2 to 10^5 . The bottom panel shows the ratio on a linear scale from 1 to 10. Both panels plot the ratio against track dz (cm) from -30 to 30. Data points are shown for two different conditions (black and red circles), and a dashed line represents a fit. The top panel shows a peak in the ratio around $dz = 0$ cm, while the bottom panel shows a more gradual increase in the ratio with dz .

N of associated (recoToSim) looper tracks vs dz

