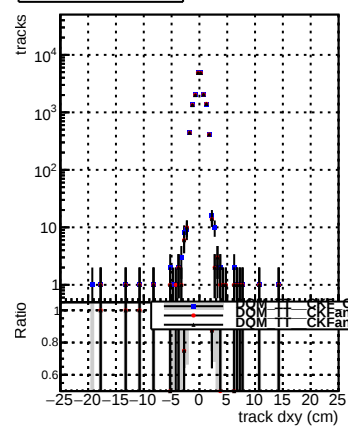
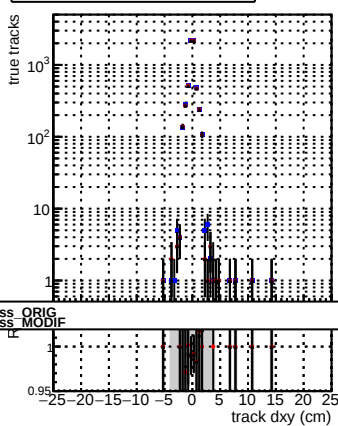


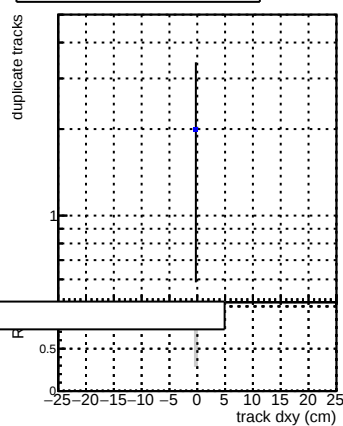
N of reco track vs dxy



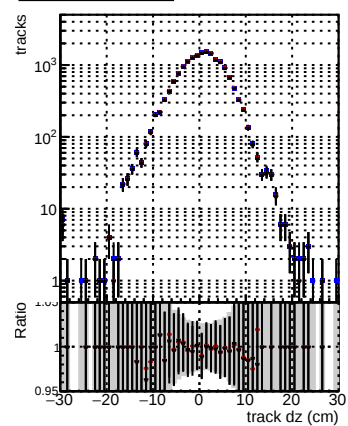
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

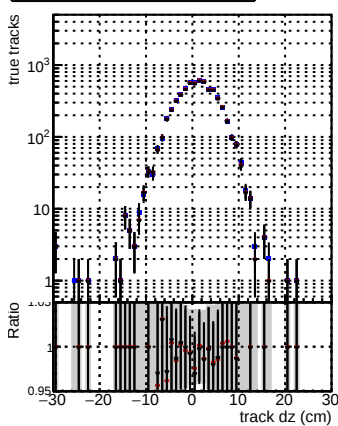


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot shows 'fake tracks' on a logarithmic y-axis from 10 to 1000. It features a dense grid of black dots representing individual tracks, with a dashed purple curve overlaid showing a peak at 0 cm. The bottom plot shows 'Ratio' on a linear y-axis from 0.95 to 1.0. It displays a series of vertical black bars representing the ratio for each track, with a dashed red line at Ratio = 1.0. The bars show a peak at 0 cm, corresponding to the peak in the top plot.

N of associated (recoToSim) loop tracks vs dz

