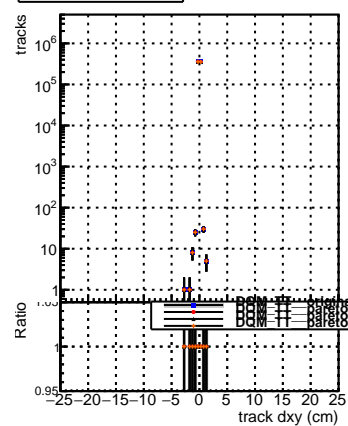
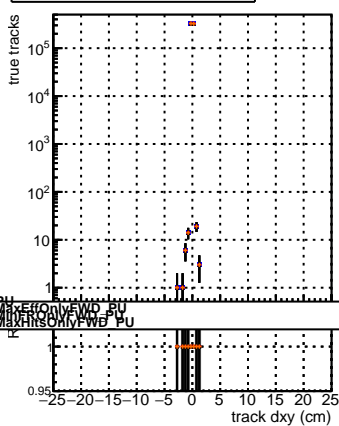


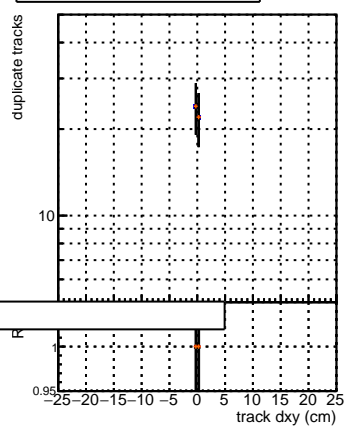
N of reco track vs dxy



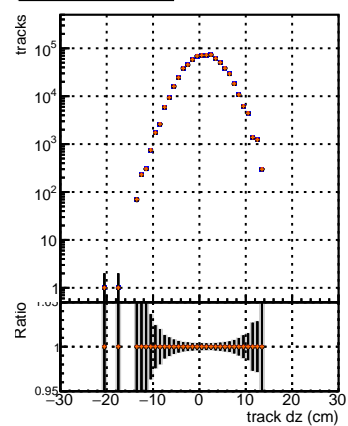
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

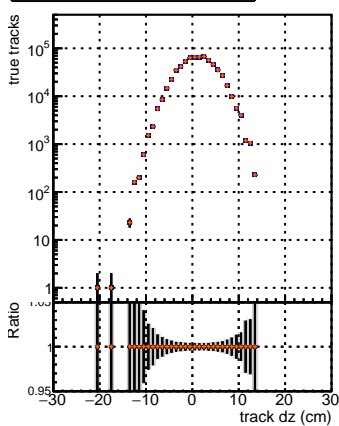


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot's y-axis is 'fake tracks' on a logarithmic scale from 10 to 10⁴. It shows a distribution of red square markers peaking at approximately 10^{3.5} at dz = 0. The bottom plot's y-axis is 'Ratio' on a logarithmic scale from 0.95 to 1.05. It shows a series of vertical black bars representing the ratio of fake tracks to total tracks, with a central dip to 0.95 at dz = 0. A horizontal orange line is drawn at Ratio = 1.0.

N of associated (recoToSim) loop tracks vs dz

