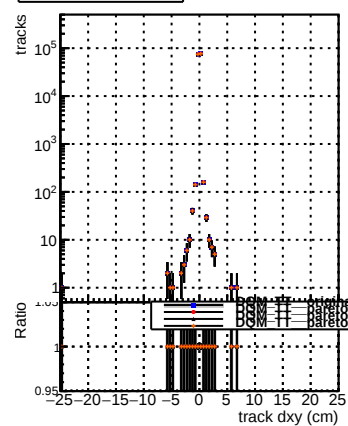
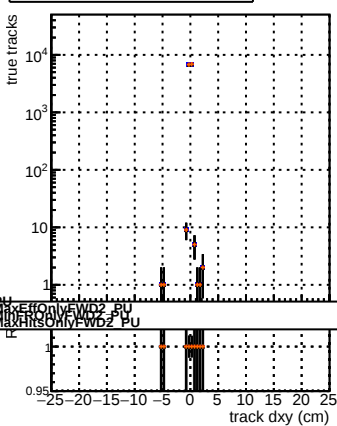


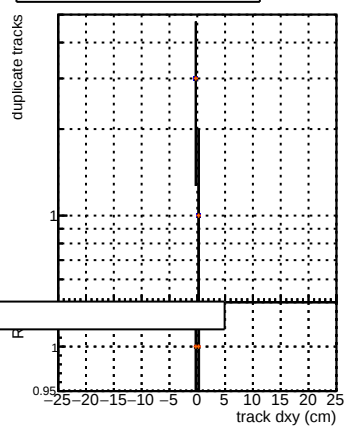
N of reco track vs dxy



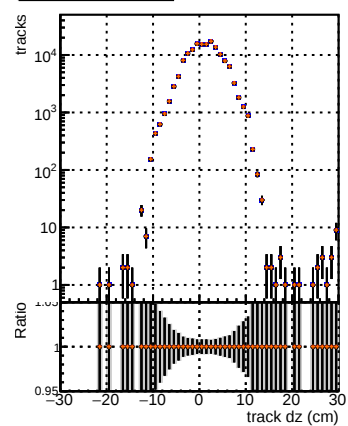
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

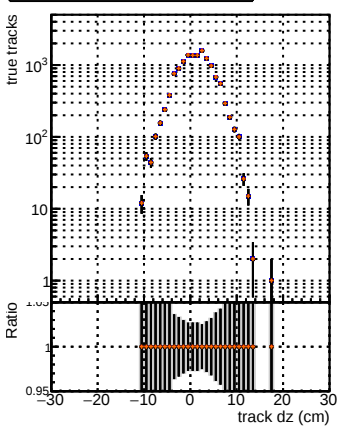


Figure 1 is a plot showing the ratio of fake tracks to real tracks as a function of track dz (cm). The y-axis is logarithmic, ranging from 0.95 to 10^4 . The x-axis ranges from -30 to 30 cm. Red squares represent the ratio, showing a peak around 0 cm. Black vertical bars represent the ratio for different track types. A horizontal orange line is at Ratio = 1.0.

N of associated (recoToSim) loopers tracks vs dz

