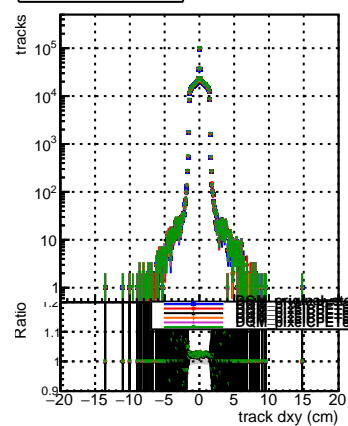
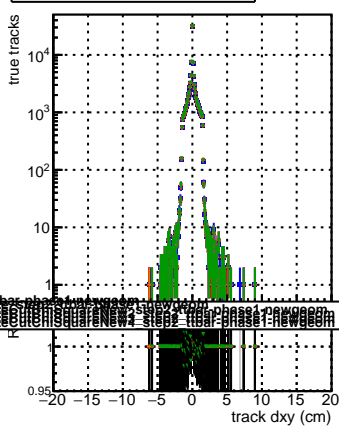


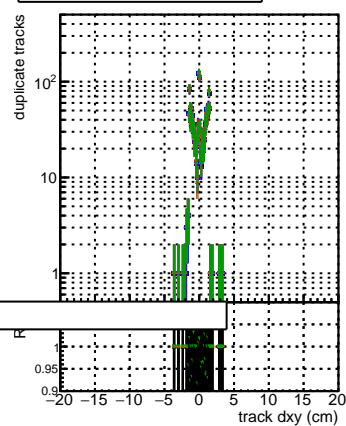
N of reco track vs dxy



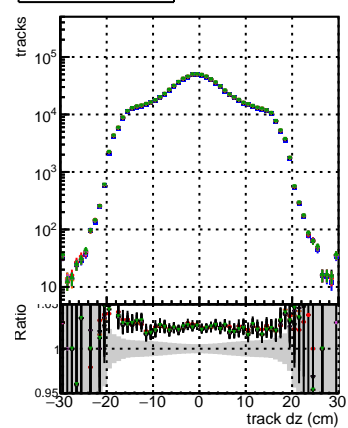
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

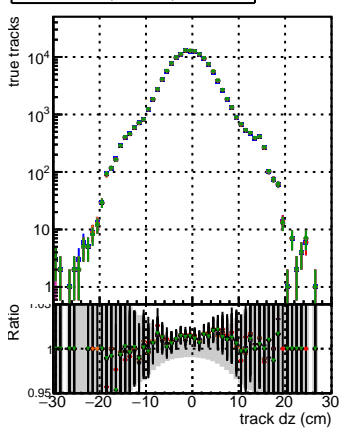


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot's y-axis is labeled 'fake tracks' on a logarithmic scale from 10^1 to 10^5 . It shows data points (black squares) and a fitted curve (green line) that peaks at approximately 4×10^4 at $dz = 0$. The bottom plot's y-axis is labeled 'Ratio' on a linear scale from 0.95 to 1.05. It shows the same data points and fitted curve, which is centered around 1.0. Both plots include a shaded gray region representing the uncertainty or confidence interval.

N of associated (recoToSim) looper tracks vs dz

