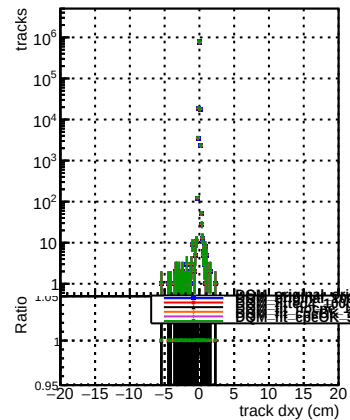
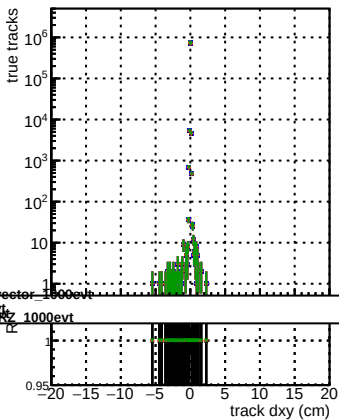


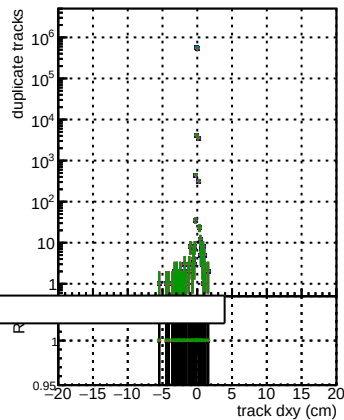
N of reco track vs dxy



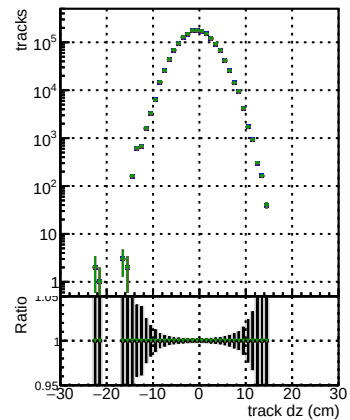
N of associated (recoToSim) tracks vs dxy



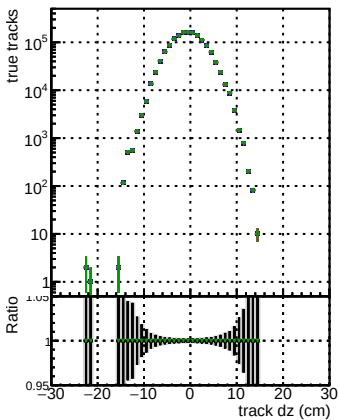
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



The figure 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 to 10⁴. It shows data points (green squares) forming a Gaussian-like distribution centered at 0 cm, with a peak value of approximately 1.5 × 10⁴. The bottom plot's y-axis is labeled 'Ratio' on a logarithmic scale from 0.95 to 10. It shows a series of vertical black bars representing the ratio of fake tracks to real tracks. The ratio is mostly 1.0, with some deviations at the tails of the distribution, reaching approximately 1.5 at the extremes.

N of associated (recoToSim) loop tracks vs dz

