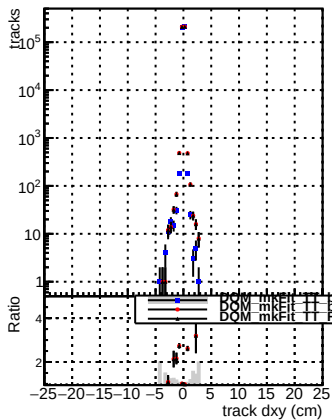
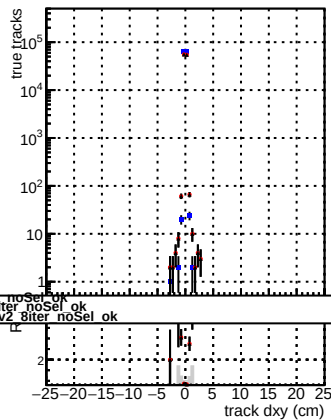


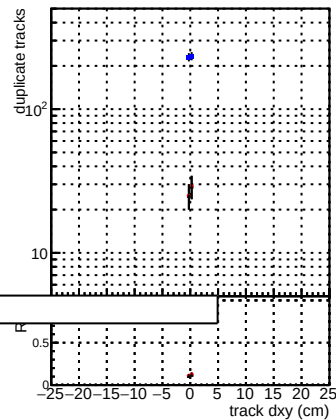
N of reco track vs dxy



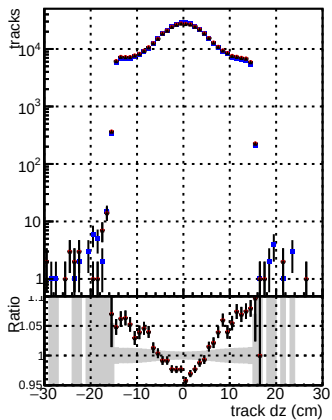
N of associated (recoToSim) tracks vs dxy



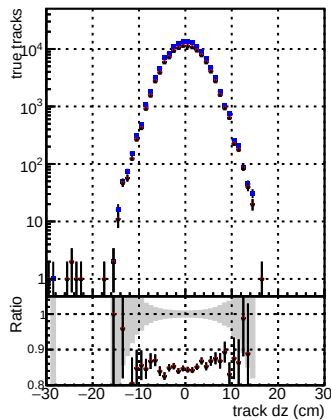
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top panel's y-axis is 'fake_tracks' on a logarithmic scale from 10^2 to 10^4 . It shows blue data points and a red line fit that peaks at $dz = 0$. The bottom panel's y-axis is 'Ratio' on a logarithmic scale from 0.05 to 1.0. It shows black data points with error bars and a grey shaded region that is centered around $dz = 0$ and has a minimum value of approximately 0.1.

N of associated (recoToSim) looper tracks vs dz

