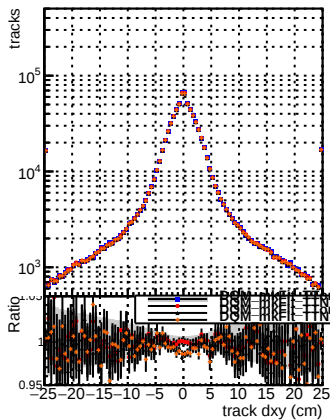
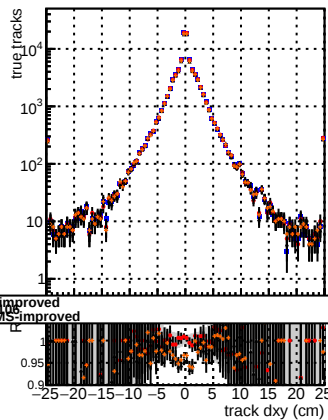


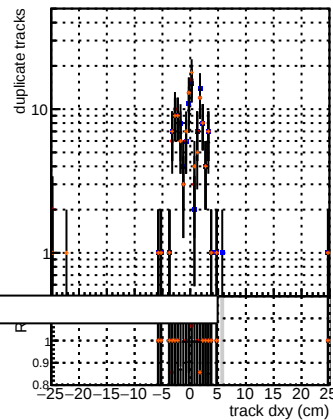
N of reco track vs dxy



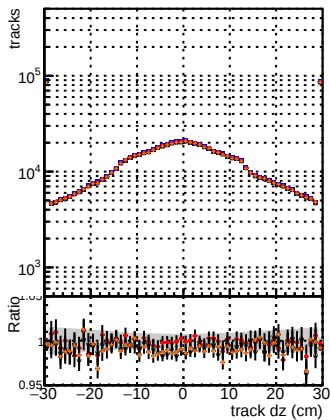
N of associated (recoToSim) tracks vs dxy



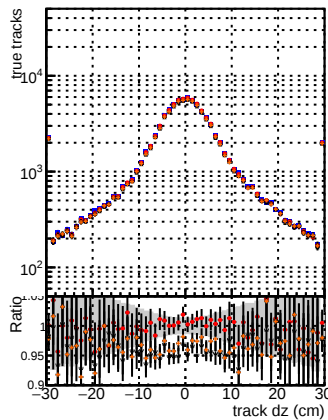
N of associated (recoToSim) looper tracks vs dxy



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 labeled 'fake tracks' on a logarithmic scale from 10^3 to 10^5 . It displays a distribution of fake tracks with a peak around 10^4 at $dz \approx -10$ cm. The bottom panel's y-axis is labeled 'Ratio' on a linear scale from 0.95 to 1.05. It shows a ratio fluctuating around 1.0 across the entire dz range.

N of associated (recoToSim) looper tracks vs dz

