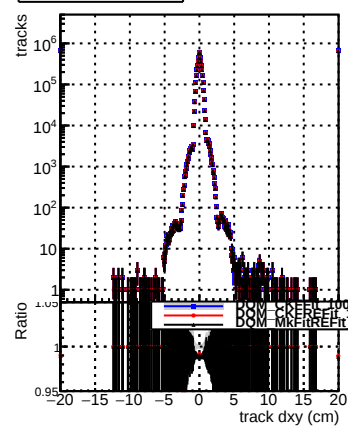
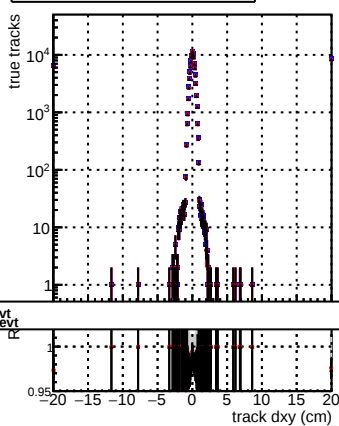


N of reco track vs dxy

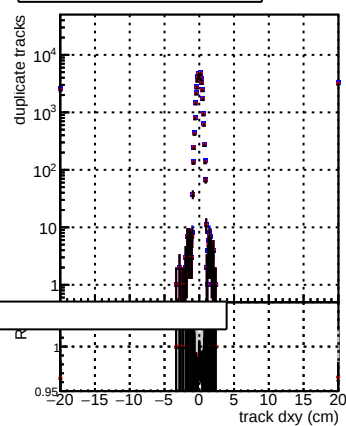


N of associated (recoToSim) tracks vs dxy

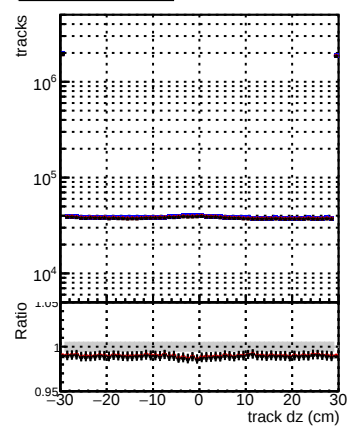


The figure consists of two vertically stacked plots sharing a common x-axis labeled 'track dxy (cm)' ranging from -20 to 20. The top plot's y-axis is 'fake tracks' on a logarithmic scale from 1 to 10^6 . It shows a sharp peak at $dxy = 0$ reaching 10^6 , with a dashed purple line and a solid black line. The bottom plot's y-axis is a ratio on a logarithmic scale from 0.95 to 1. It shows a sharp dip at $dxy = 0$ reaching approximately 0.95, with a dashed purple line and a solid black line.

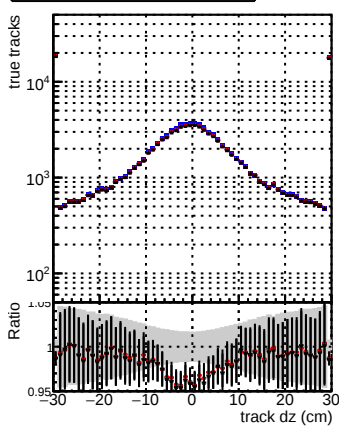
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

