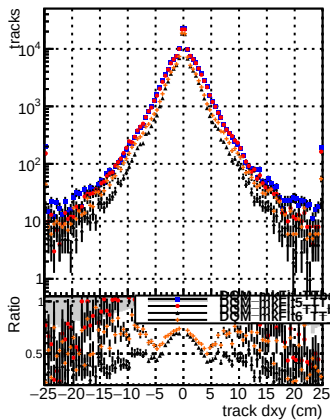
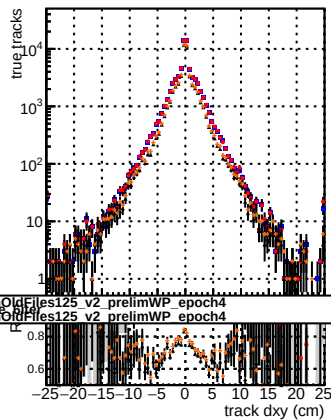


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

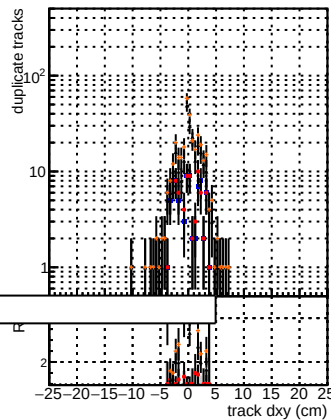


The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dxy (cm)' ranging from -25 to 25.

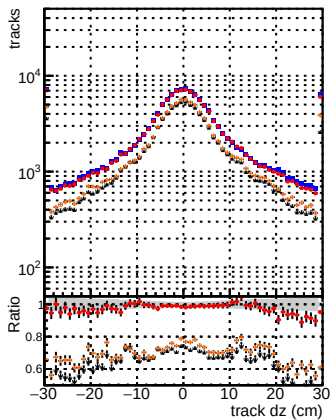
The top panel shows the number of 'fake_tracks' on a logarithmic y-axis from 1 to 10^4. It displays a peak at dxy = 0 for all four data series (black, red, blue, orange). The black series has the highest peak (~10^4), while the other three series have lower peaks (~10^3.5).

The bottom panel shows the 'efficiency' on a linear y-axis from 0 to 1. It displays a dip at dxy = 0 for all four data series. The black series has the deepest dip (~0.2), while the other three series have higher efficiency values (~0.4-0.5) at dxy = 0.

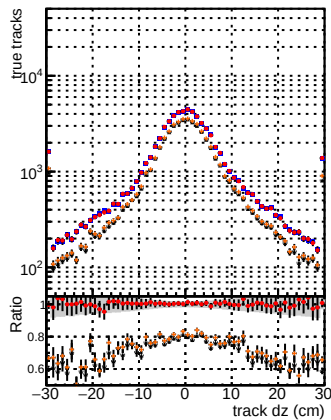
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

