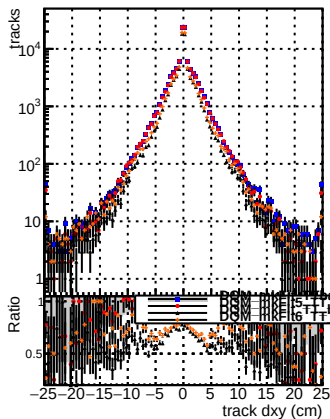
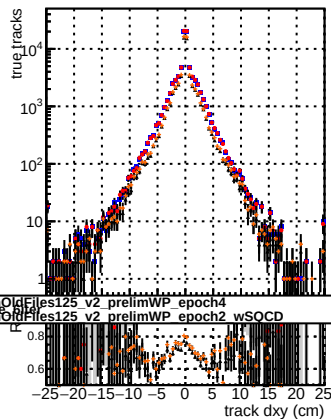


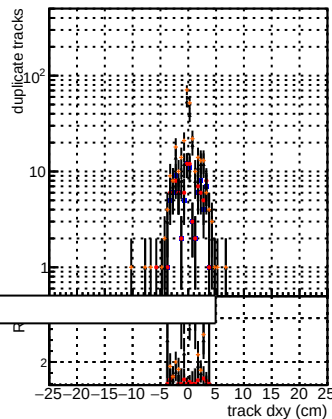
N of reco track vs dxy



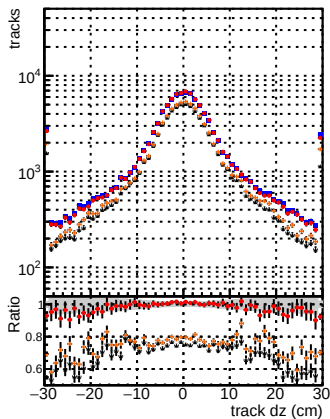
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

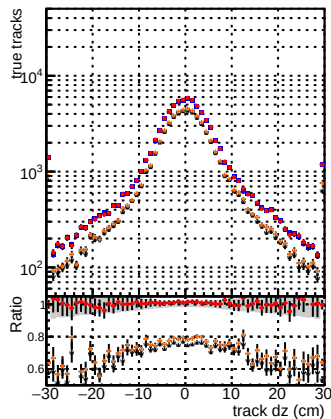


Figure 10 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot, labeled 'fake tracks' on the y-axis, shows a distribution on a logarithmic scale from 10^2 to 10^3 . It contains multiple data series (black, red, blue, green, orange, purple) that all follow a similar bell-shaped curve peaking at approximately 1000 at $dz = 0$. The bottom plot, labeled 'Ratio' on the y-axis, shows the ratio of the fake tracks to the total distribution on a linear scale from 0.6 to 1.0. The data points with error bars fluctuate around a ratio of 1.0 across the entire dz range.

N of associated (recoToSim) looper tracks vs dz

