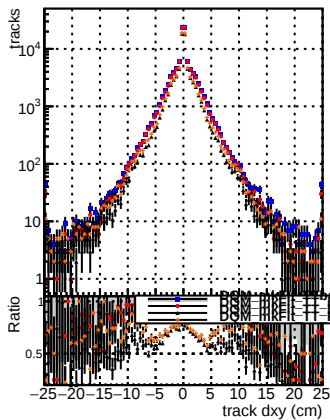
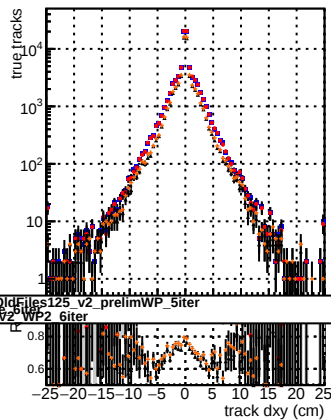


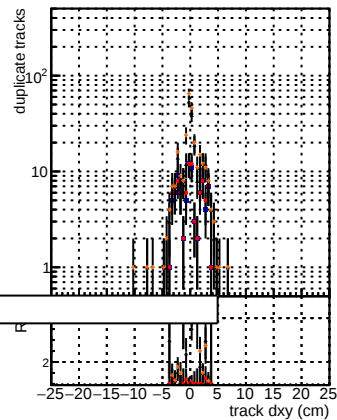
N of reco track vs dxy



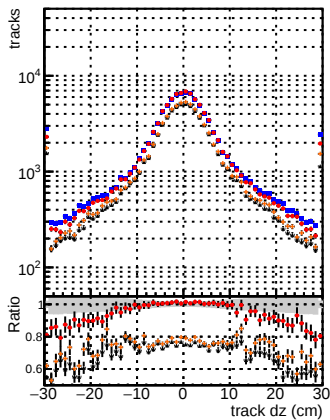
N of associated (recoToSim) tracks vs dxy



N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz

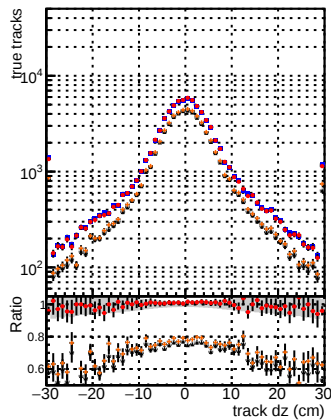


Figure 10 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot's y-axis is labeled 'fake tracks' on a logarithmic scale from 10^2 to 10^3 . It shows multiple data series (black, red, blue, green) with error bars, all peaking at $dz = 0$ with a value of approximately 10^3 . The bottom plot's y-axis is labeled 'Ratio' on a linear scale from 0.6 to 1.0. It shows the same data series, with a shaded gray region indicating a ratio between 0.8 and 1.0. The ratio is generally close to 1.0, with some fluctuations and error bars.

N of associated (recoToSim) looper tracks vs dz

