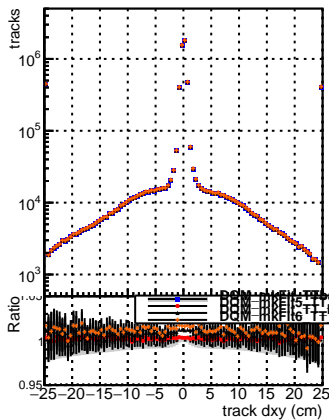
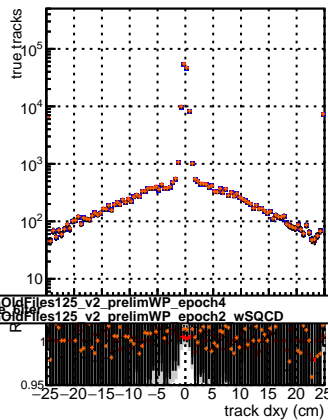


N of reco track vs dxy

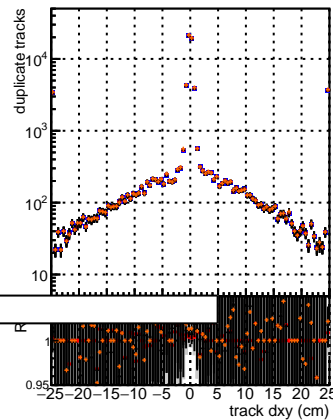


N of associated (recoToSim) tracks vs dxy

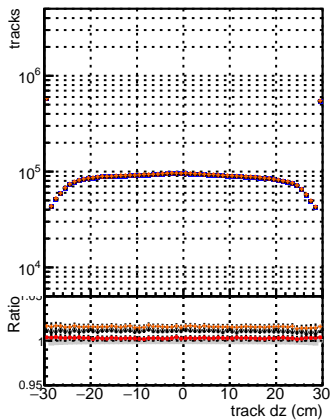


The figure consists of two vertically stacked plots. The top plot shows the number of fake tracks on a logarithmic y-axis (ranging from 10^3 to 10^6) against the track d_{xy} in cm on a linear x-axis (ranging from -25 to 25). The data points, represented by red squares, show a sharp peak at $d_{xy} = 0$ reaching approximately 10^6 tracks, and a broader peak around $d_{xy} = 0$ reaching approximately 10^4 tracks. The bottom plot shows the ratio of fake tracks to total tracks on a logarithmic y-axis (ranging from 0.95 to 1.0) against the track d_{xy} in cm on a linear x-axis (ranging from -25 to 25). The data points, represented by orange circles, show a sharp peak at $d_{xy} = 0$ reaching approximately 1.0, and a broader peak around $d_{xy} = 0$ reaching approximately 0.98.

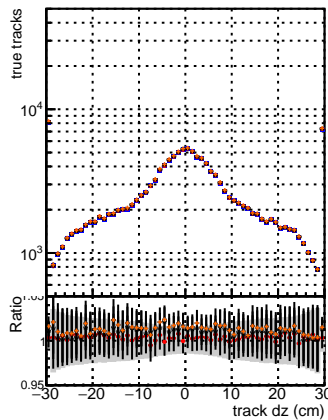
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) loopers tracks vs dz

