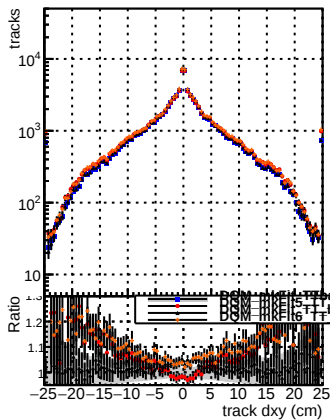


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

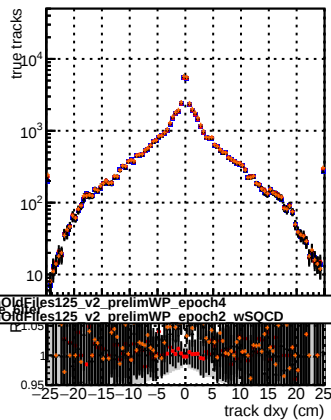
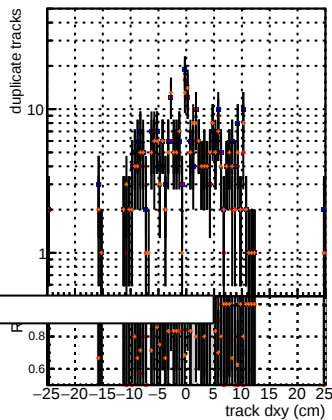
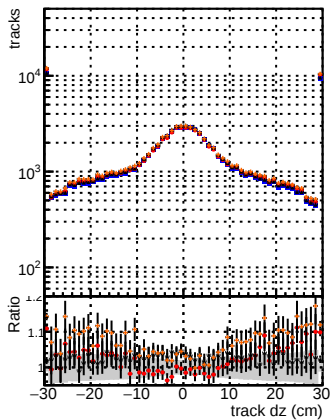


Figure 10 consists of two panels. The top panel is a log-linear plot showing the number of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and ranges from 10 to 10^3 on a logarithmic scale. The x-axis is labeled 'track d_{xy} (cm)' and ranges from -25 to 25. The data points, represented by black dots, show a clear peak at $d_{xy} = 0$ cm, reaching approximately 1.5×10^3 fake tracks. A red line represents a fit to the data. The bottom panel is a linear plot showing the fraction F as a function of track d_{xy} (cm). The y-axis is labeled ' F ' and ranges from 1 to 1.2. The x-axis is labeled 'track d_{xy} (cm)' and ranges from -25 to 25. The data points, represented by black dots, show a dip at $d_{xy} = 0$ cm, reaching approximately 1.0. A red line represents a fit to the data.

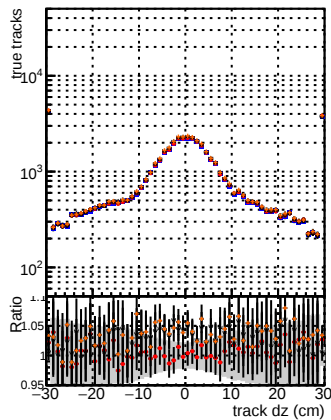
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

