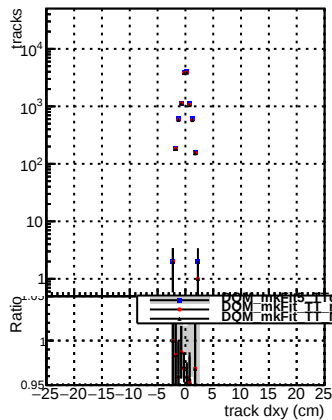


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

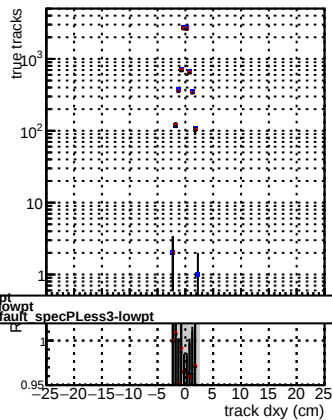
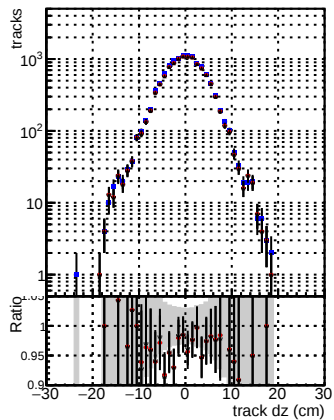


Figure 10 consists of two panels. The top panel is a 2D histogram showing the distribution of fake tracks as a function of track d_{xy} (cm) on the x-axis and the number of fake tracks on the y-axis. The x-axis ranges from -25 to 25 cm, and the y-axis is on a logarithmic scale from 1 to 10^3 . The distribution is centered around $d_{xy} = 0$ cm, with a peak density of approximately 10^3 fake tracks. The bottom panel is a 1D histogram showing the fraction of fake tracks as a function of track d_{xy} (cm). The x-axis ranges from -25 to 25 cm, and the y-axis ranges from 0.9 to 1.0. The distribution is very narrow and centered around $d_{xy} = 0$ cm, with a peak fraction of approximately 1.0.

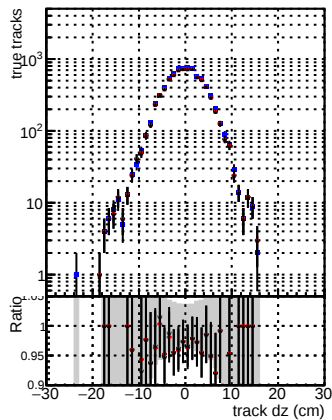
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

