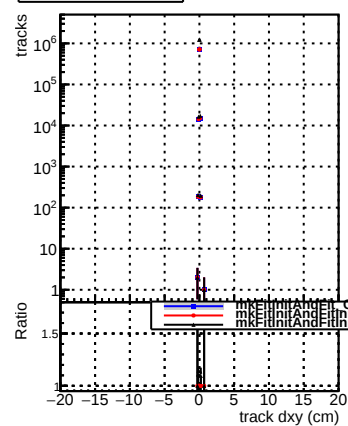


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

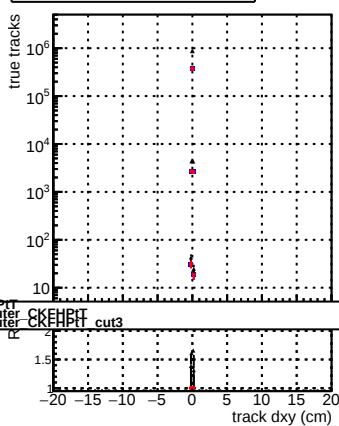
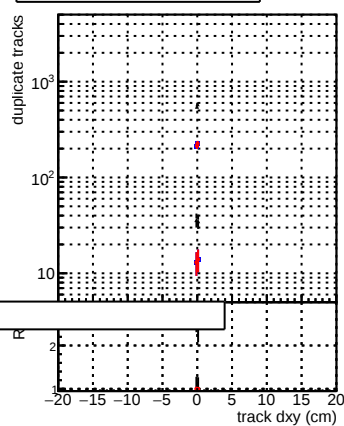
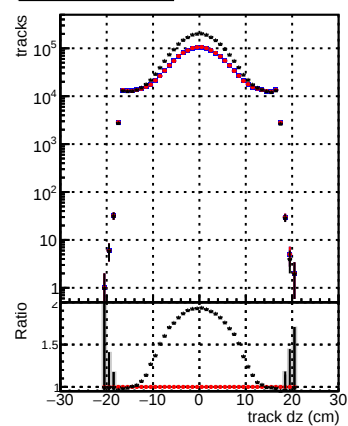


Figure 1 consists of two vertically stacked plots. The top plot shows the distribution of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and is on a logarithmic scale from 1 to 10^6 . The x-axis is labeled 'track dxy (cm)' and ranges from -20 to 20. The data points are purple squares, showing a sharp peak at $d_{xy} = 0$ with a value of approximately 10^5 . The bottom plot shows the distribution of the fraction of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled ' α ' and ranges from 0.95 to 1.05. The x-axis is labeled 'track dxy (cm)' and ranges from -20 to 20. The data points are purple squares, showing a sharp peak at $d_{xy} = 0$ with a value of approximately 1.05.

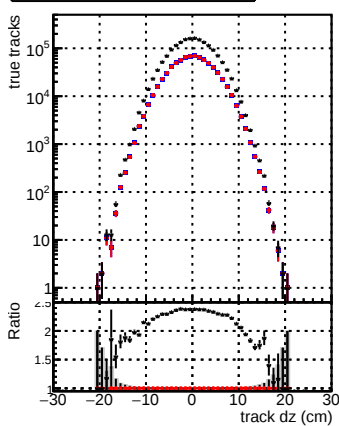
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) loop tracks vs dz

