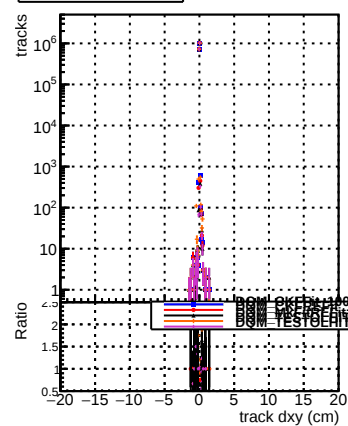


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

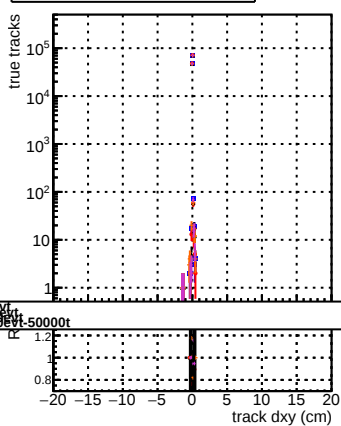
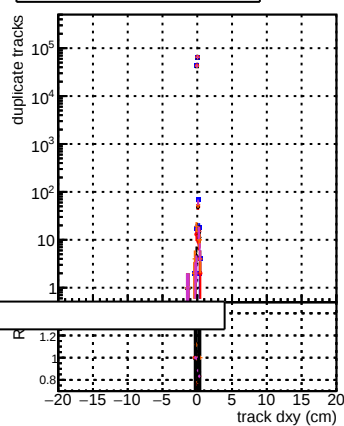
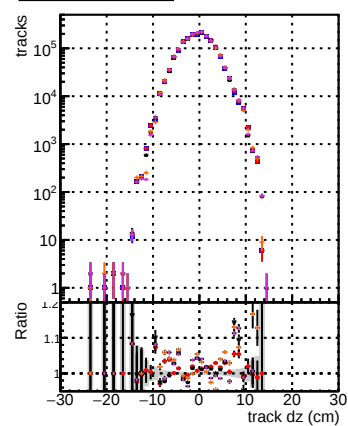


Figure 1 consists of two vertically stacked plots. The top plot shows the distribution of fake tracks as a function of track d_{xy} (cm). The y-axis is labeled 'fake tracks' and is on a logarithmic scale from 1 to 10^6 . The x-axis is labeled 'track dxy (cm)' and ranges from -20 to 20. The data points, represented by black dots, show a sharp peak at $d_{xy} = 0$, reaching a value of approximately 10^6 . The bottom plot shows the ratio of fake tracks to total tracks as a function of track d_{xy} (cm). The y-axis is labeled 'R' and is on a logarithmic scale from 0.5 to 1.5. The x-axis is labeled 'track dxy (cm)' and ranges from -20 to 20. The data points, represented by black dots, show a sharp peak at $d_{xy} = 0$, reaching a value of approximately 1.5.

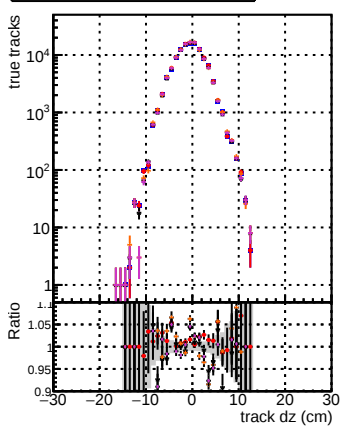
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) loop tracks vs dz

