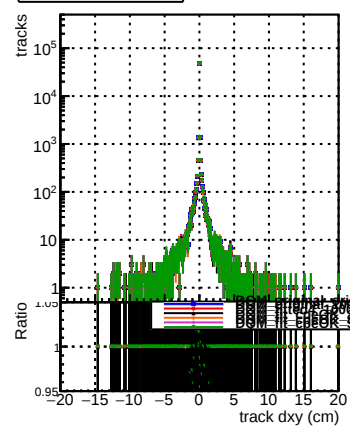
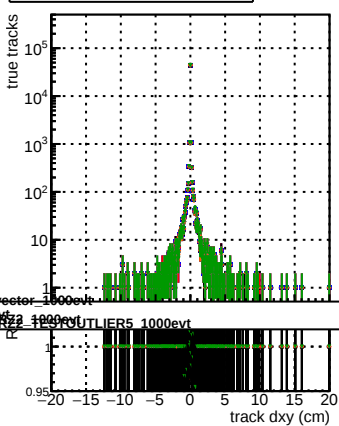


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

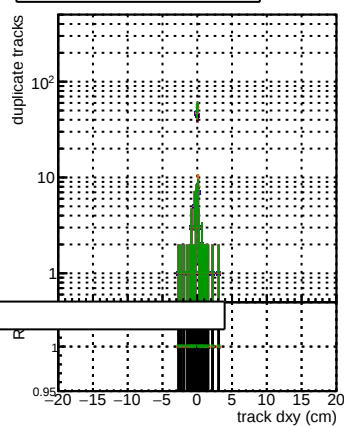


The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dxy (cm)' ranging from -20 to 20.

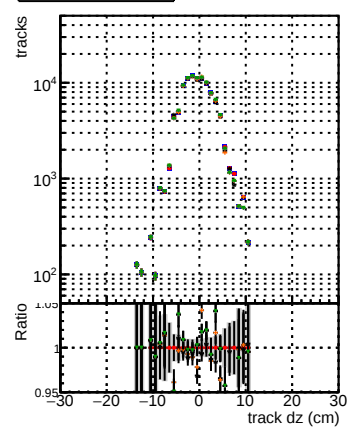
The top panel is a histogram showing the distribution of 'fake tracks'. The y-axis is on a logarithmic scale from 1 to 10^4 . The data is represented by green bars with black outlines. A sharp peak is centered at 0 cm, reaching a maximum value of approximately 5000. The distribution is symmetric and tapers off towards the edges of the plot.

The bottom panel shows the 'efficiency' as a function of 'track dxy (cm)'. The y-axis ranges from 0.95 to 1.0. The plot features a solid green horizontal line at an efficiency of 1.0. Vertical black bars of varying widths are overlaid on this line, representing the uncertainty or statistical fluctuations in the efficiency measurement across different dxy bins.

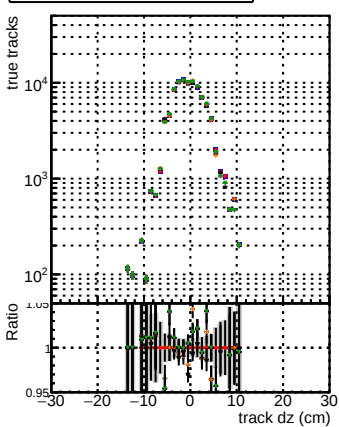
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

