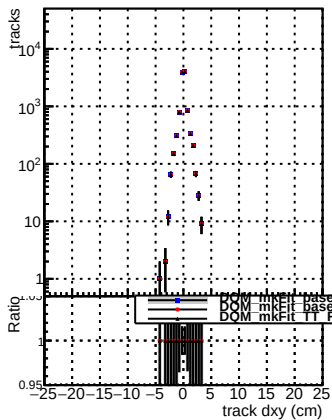
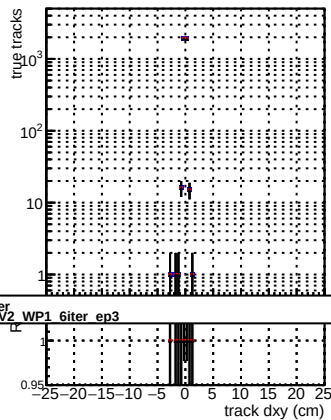


N of reco track vs dxy



N of associated (recoToSim) tracks vs dxy

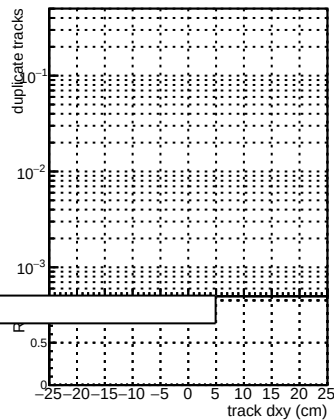


The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dxy (cm)' ranging from -25 to 25.

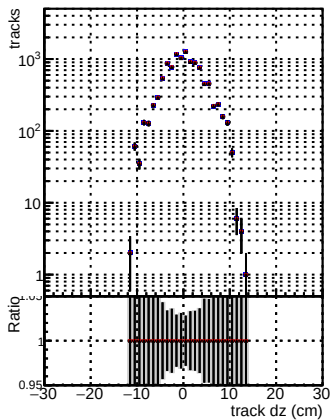
The top panel is a scatter plot with 'fake tracks' on the y-axis, ranging from 1 to 10^3 on a logarithmic scale. The plot shows a dense distribution of points, with a vertical line at $dxy = -5$ cm. The points are colored in a gradient from purple to red, with a higher density of points at lower dxy values.

The bottom panel is a histogram showing the efficiency F on the y-axis, ranging from 0.95 to 1.0. The x-axis is the same as the top panel. The histogram shows a sharp peak at $dxy = -5$ cm, with a red horizontal line at $F = 1.0$.

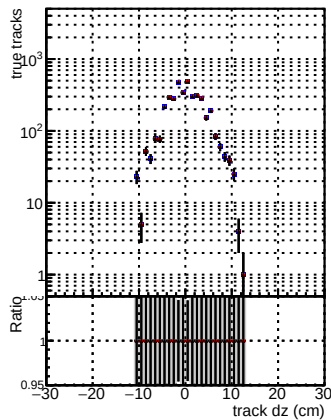
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

