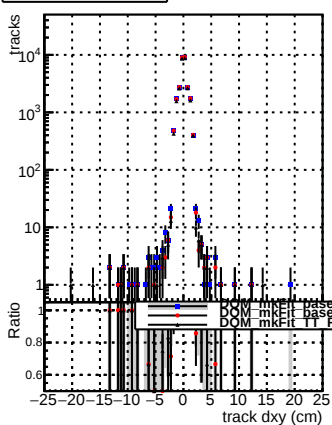
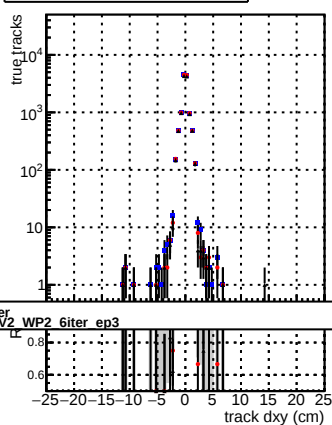


N of reco track vs dxy

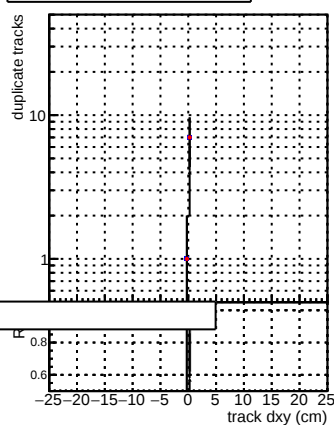


N of associated (recoToSim) tracks vs dxy

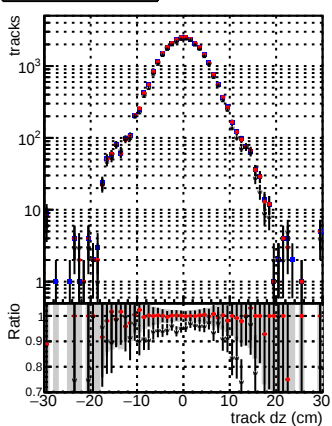


The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dxy (cm)' ranging from -25 to 25. The top panel is a scatter plot with 'fake_tracks' on the y-axis on a logarithmic scale from 1 to 10,000. It shows data points for 2015 (black) and 2016 (blue) LHC Run 2. A significant cluster of points is visible near dxy = 0 and fake_tracks = 1000. The bottom panel is a histogram of track dxy (cm) with a y-axis from 0 to 1.0. It shows the distribution of track dxy for 2015 (black) and 2016 (blue) LHC Run 2. The distributions are centered around dxy = 0.

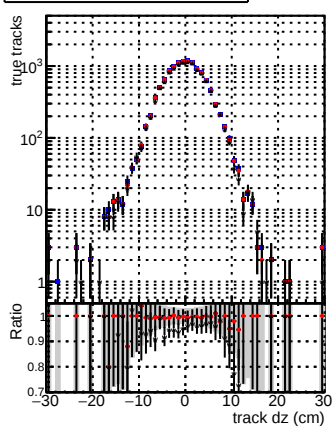
N of associated (recoToSim) looper tracks vs dxy



N of reco track vs dz



N of associated (recoToSim) tracks vs dz



N of associated (recoToSim) looper tracks vs dz

