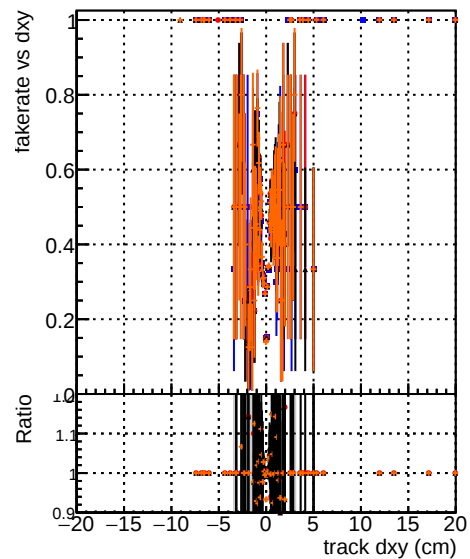
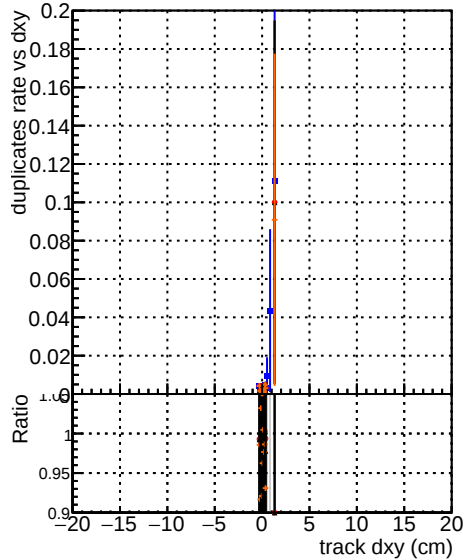


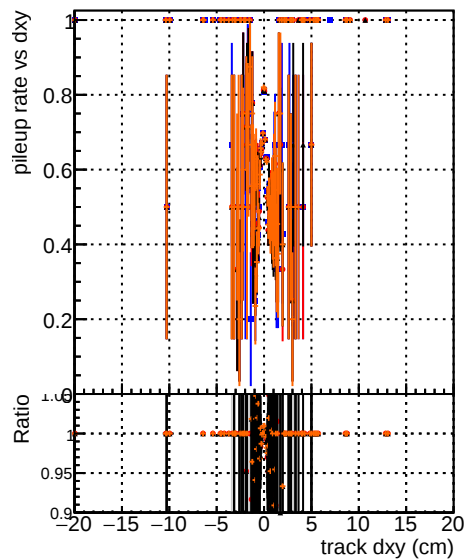
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

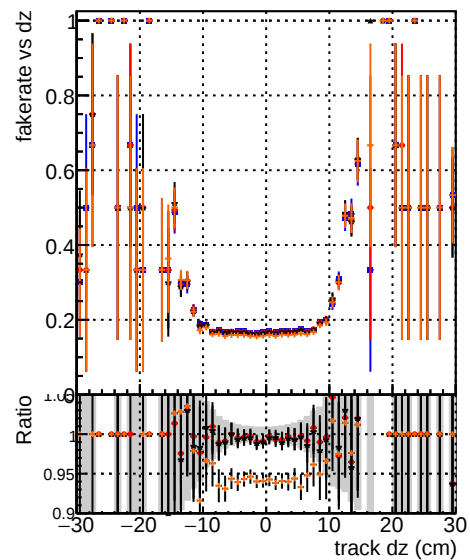


Figure 1 consists of two panels. The top panel shows the pileup rate (y-axis, 0 to 1) versus track dz (x-axis, -30 to 30 cm). The bottom panel shows the ratio of pileup rates (y-axis, 0.95 to 1.05) versus track dz (x-axis, -30 to 30 cm). Both panels show data for 100 GeV (blue) and 130 GeV (orange) with error bars. The ratio is mostly 1.0, with some deviations at high $|dz|$.