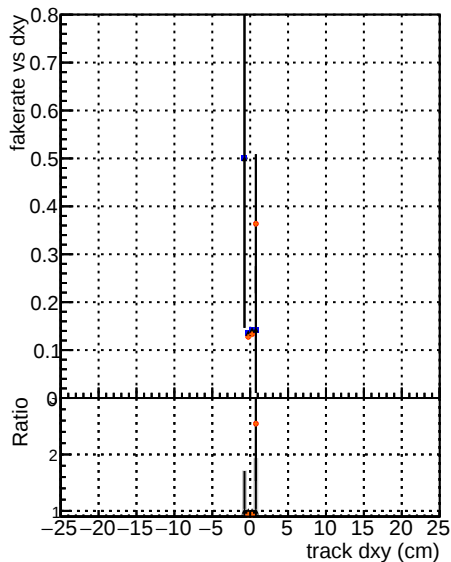
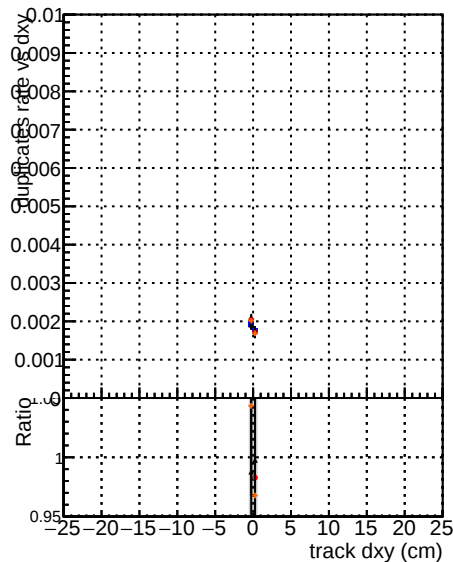


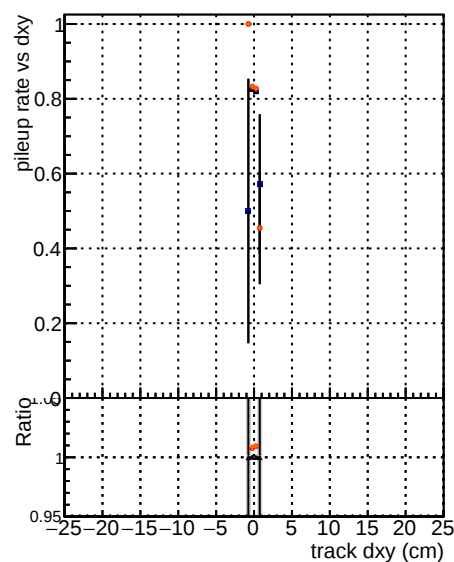
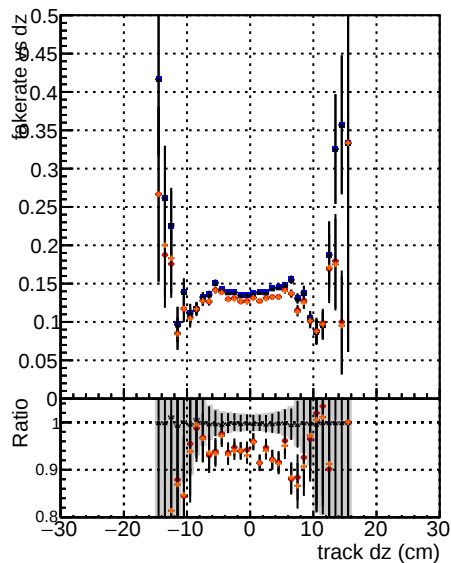
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

[illegible]

The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top panel's y-axis is 'pileup rate vs dz' ranging from 0.4 to 1.0. It displays two data series: blue circles and orange circles, both with vertical error bars. The data points are clustered around a value of 0.8, with a slight dip around dz = 10 cm. The bottom panel's y-axis is 'Ratio' ranging from 0.95 to 1.0. It shows the ratio of the two data series from the top panel, represented by blue and orange circles with error bars. The ratio is mostly around 1.0, with a slight dip around dz = 10 cm. Both panels have a dashed grid.