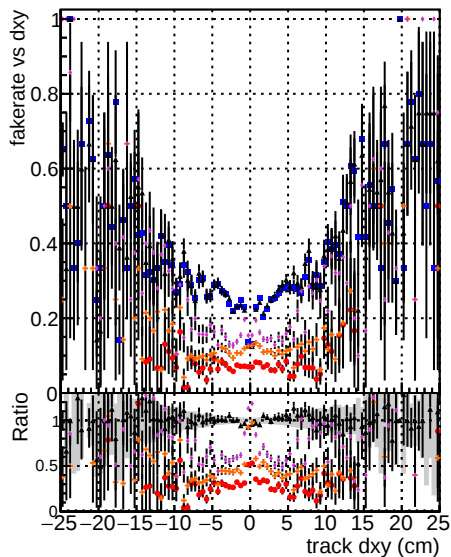
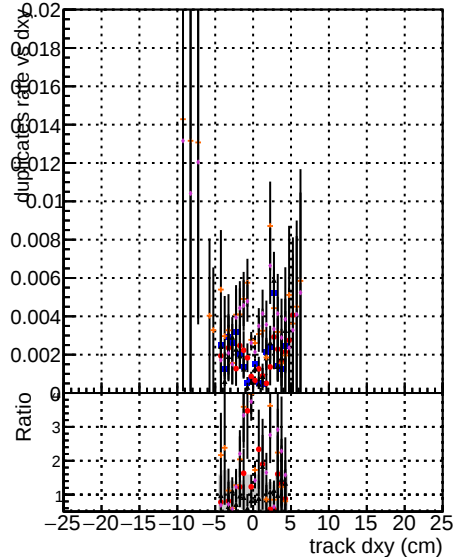


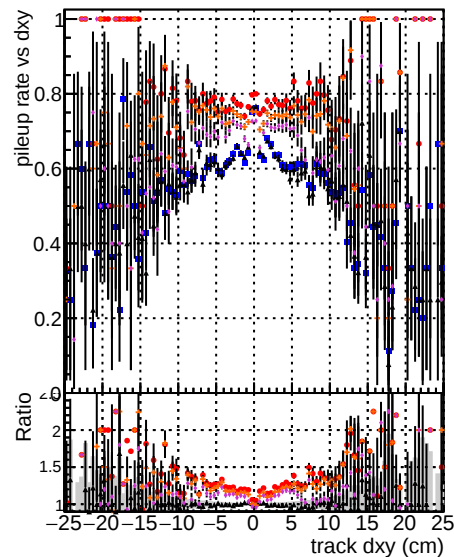
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs d

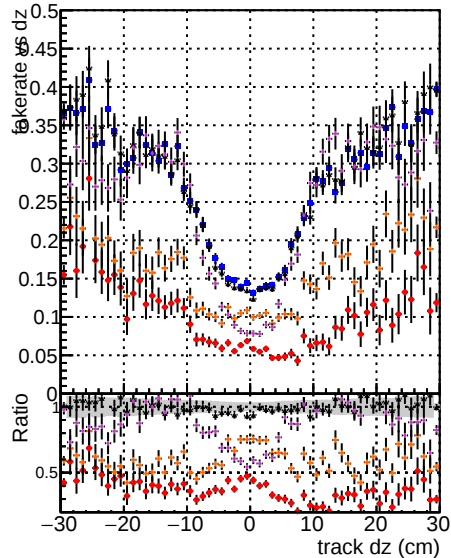


Figure 10 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot's y-axis is 'pileup rate vs dz' ranging from 0 to 1. It displays multiple data series with error bars, showing a peak in the pileup rate around $dz = 0$. The bottom plot's y-axis is 'Ratio' ranging from 1 to 1.4. It shows the ratio of the rates from the top panel, with a dip around $dz = 0$.