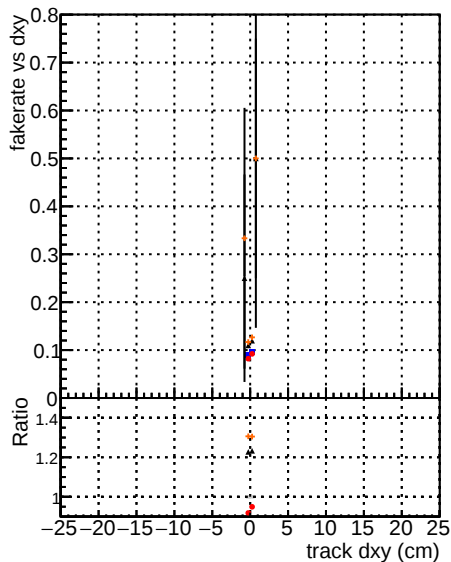
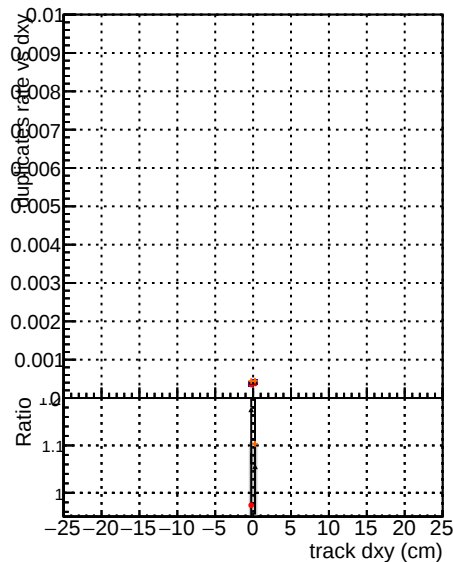


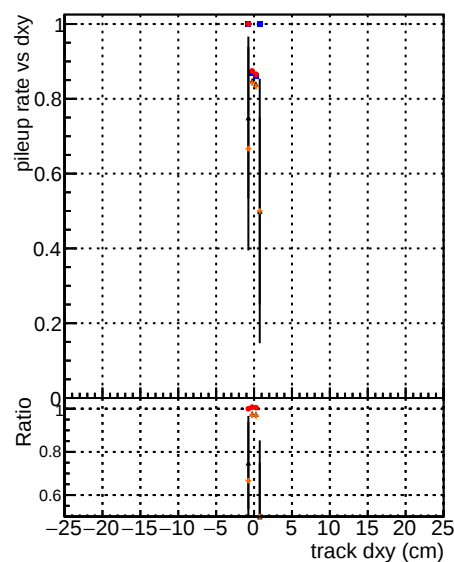
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Method	Fake rate vs d
DOM	0.85
mkFit	0.75
Ttbase	0.65
RetrainOldFiles125	0.55
RetrainNewFiles125	0.45
AndSOCD	0.35

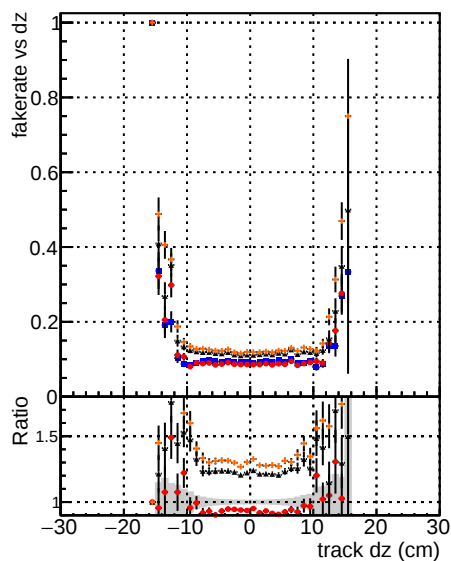


Figure 1 consists of two panels. The top panel shows the pileup rate vs dz (cm) from -30 to 30. The y-axis ranges from 0.4 to 1.0. Data points are shown for three different pileup rates: 0.5 (blue), 0.7 (orange), and 0.9 (red). A dashed line indicates the expected rate. The bottom panel shows the Ratio vs track dz (cm) from -30 to 30. The y-axis ranges from 0.8 to 1.2. Data points are shown for the same three pileup rates. A dashed line indicates the expected ratio. Both panels show a sharp drop in the rate/ratio at $dz = 0$ and a sharp rise at $dz = 15$ cm.