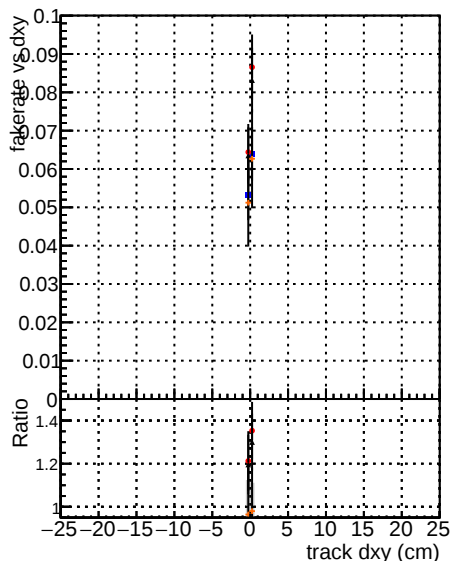


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

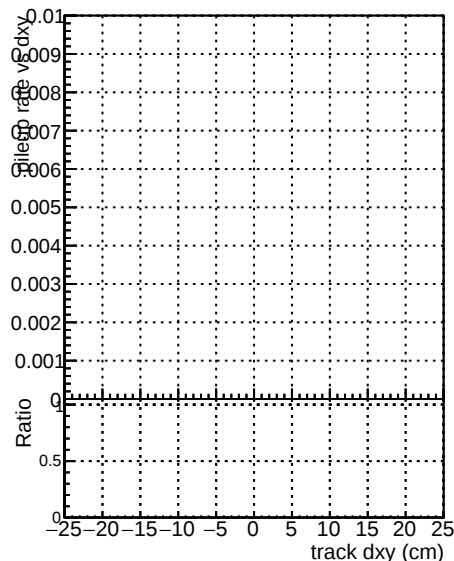


Figure 1: Fake rate vs d. The plot shows the fake rate (y-axis, 0 to 1) versus the distance d (x-axis, 0 to 1). The baseline (blue line) shows a sharp increase in fake rate as d increases, while the proposed method (red line) maintains a low fake rate across the entire range of d. The legend indicates that the baseline is represented by a blue line and the proposed method by a red line. The x-axis is labeled 'd' and the y-axis is labeled 'Fake rate vs d'.

