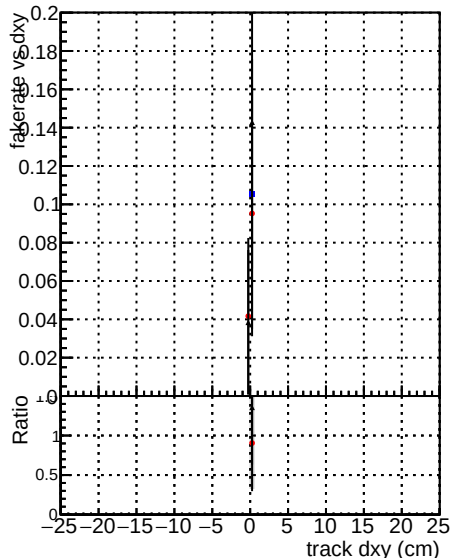
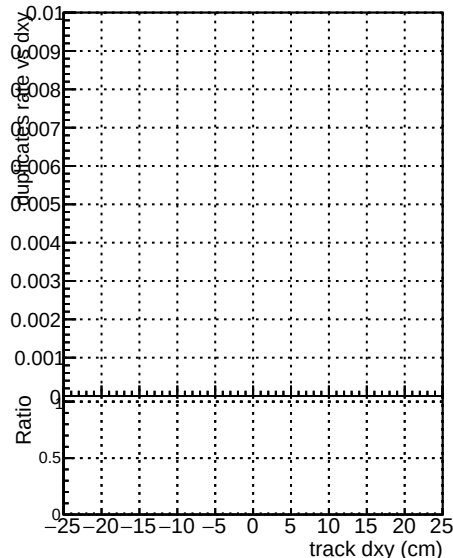


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

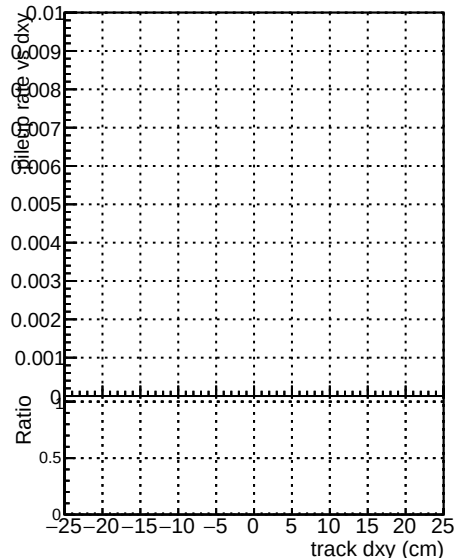
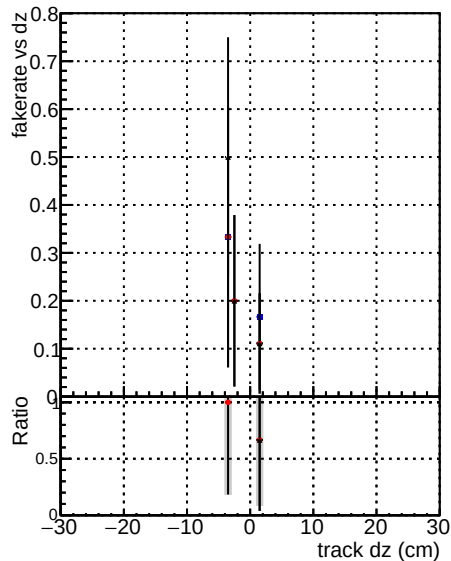


Figure 10: Fake rate vs d. The plot shows the fake rate (y-axis, 0 to 1) versus the parameter d (x-axis, 0 to 1). Three data series are plotted: Global (blue line with square markers), mKFit (red line with circle markers), and baseline (black line with triangle markers). The Global and mKFit series show a sharp increase in fake rate as d increases, reaching 1.0 at d=1.0. The baseline series remains near 0.0 for all values of d.



Model	F1 Score
mkFit baseline	0.85
mkFit var	0.88
mkFit CoreNLP Clean	0.92
mkFit CoreNLP Hits	0.95

