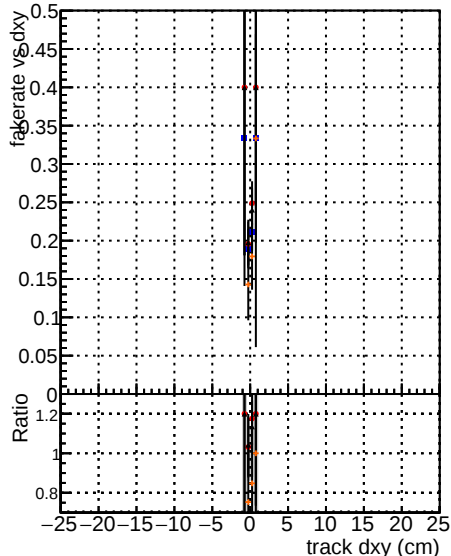


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



Figure 1: Fake rate vs d. The graph shows the fake rate (y-axis) versus the parameter d (x-axis) for three models: baseline (blue), NoClean (red), and core50maxCand-24DUPremoval (green). The baseline and NoClean models show a sharp increase in fake rate as d increases, while the core50maxCand-24DUPremoval model maintains a low fake rate across the entire range of d.

