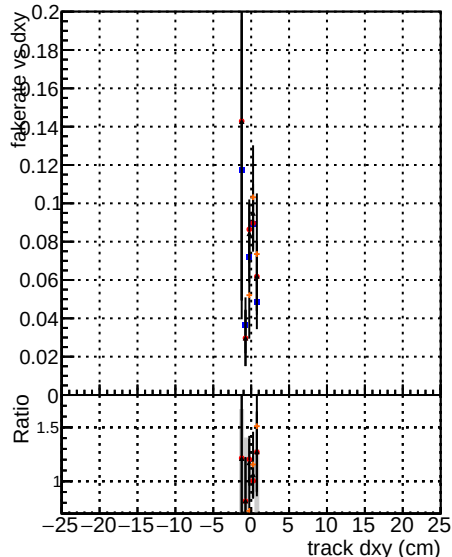
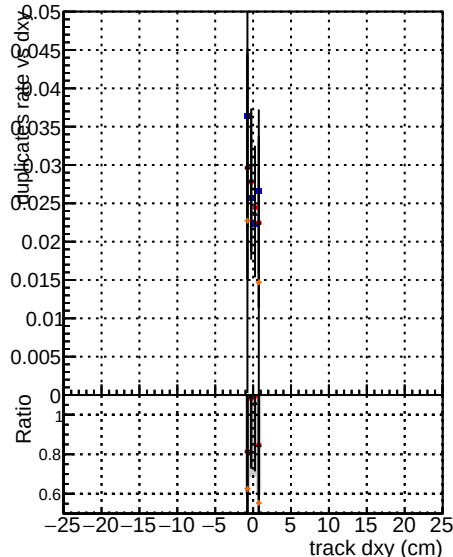


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

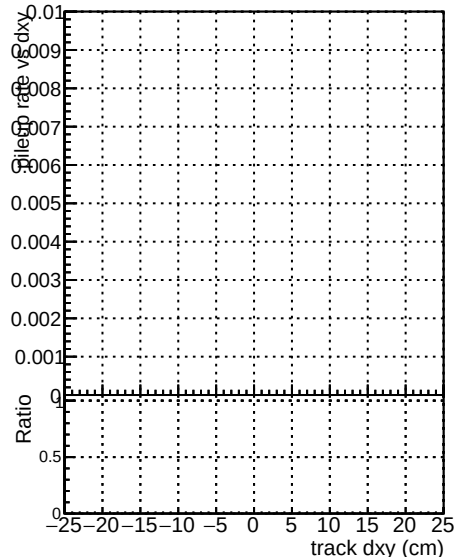


Figure 10: Fake rate vs d. The plot shows the fake rate (y-axis, 0 to 1) versus the parameter d (x-axis, 0 to 1). The legend indicates four methods: DGM V00001 (blue line with dots), DGM V00001 (orange line with dots), Global mFit baseline (green line with dots), and Global mFit (red line with dots). The DGM V00001 methods show a sharp increase in fake rate as d increases, while the Global mFit methods remain relatively flat and low.

