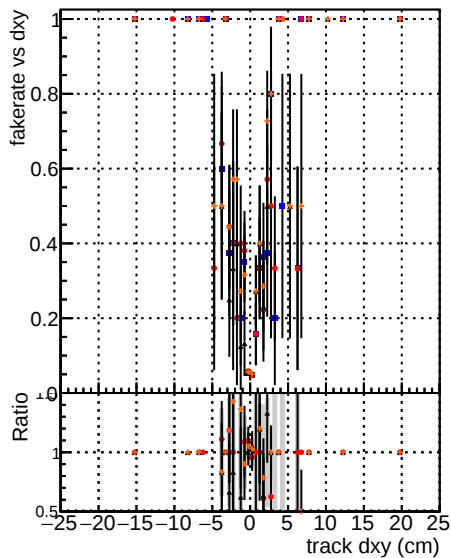


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

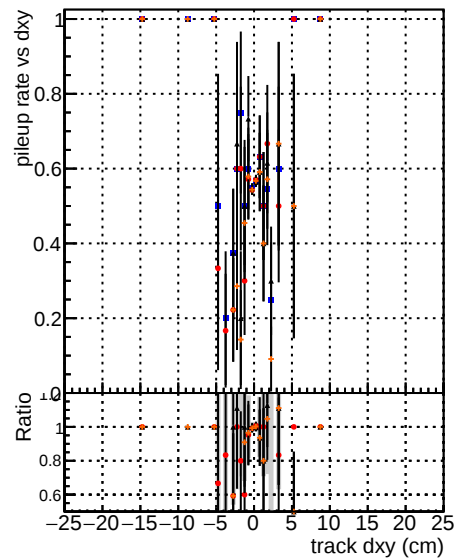
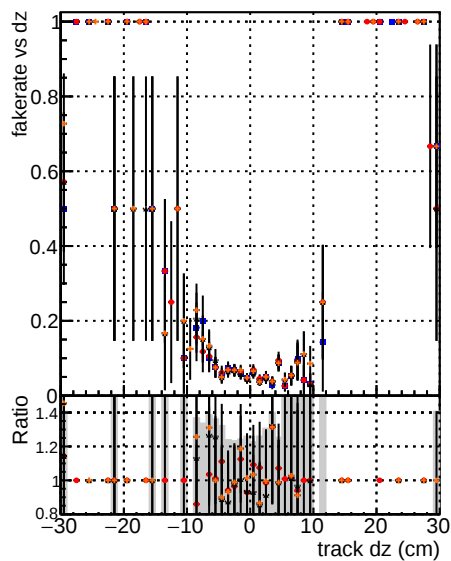
[illegible]

Figure 1 consists of two panels. The top panel shows the pileup rate (y-axis, 0.2 to 1.0) versus track dz (x-axis, -30 to 30 cm). The bottom panel shows the ratio (y-axis, 0.9 to 1.1) versus track dz (x-axis, -30 to 30 cm). Both panels show data points with error bars and a dashed line at $y=1.0$. The top panel has a legend with four colored squares: red, blue, orange, and black.