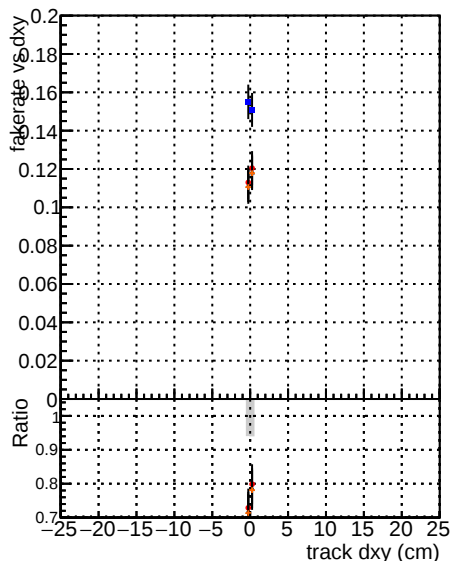


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

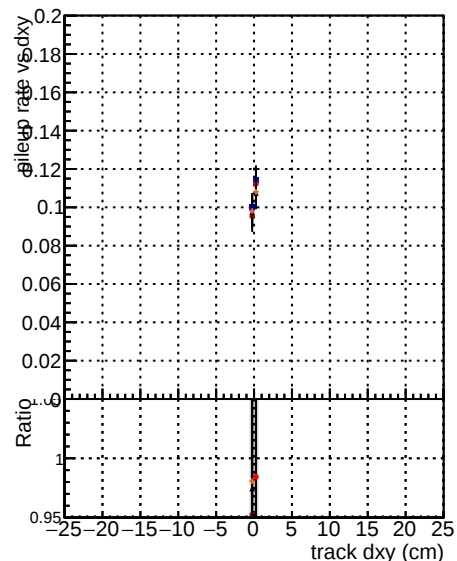
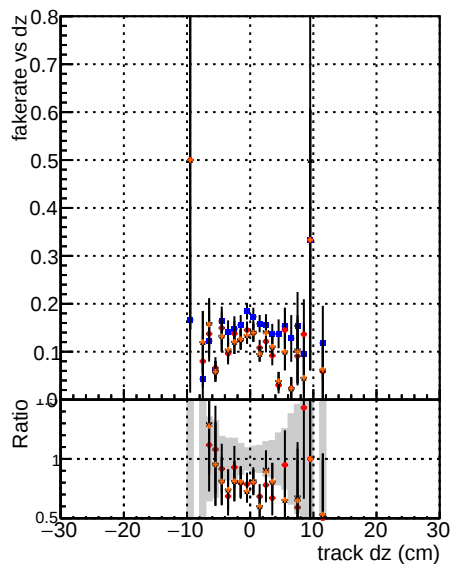
[illegible]

Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track dz (cm)' ranging from -30 to 30. The top plot shows the 'pile-up rate vs dz' on the y-axis, ranging from 0.0 to 0.2. It displays data points for blue and orange tracks with vertical error bars, showing a peak around dz = 0. The bottom plot shows the 'Ratio' on the y-axis, ranging from 0.8 to 1.0, representing the ratio of the pile-up rate to the track dz. It shows a grey shaded region with vertical error bars, also peaking around dz = 0.

