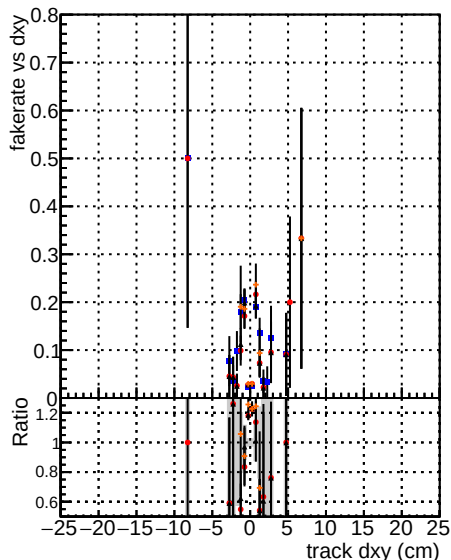
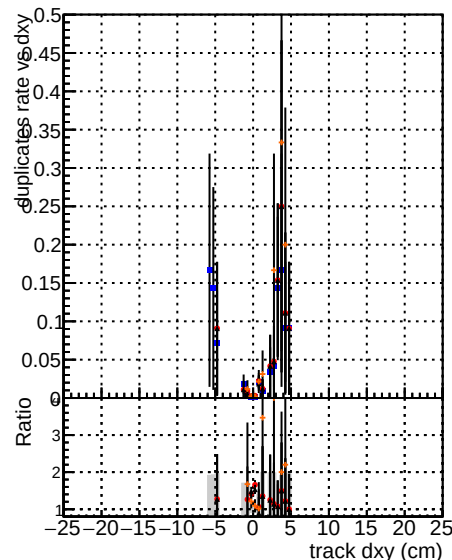


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

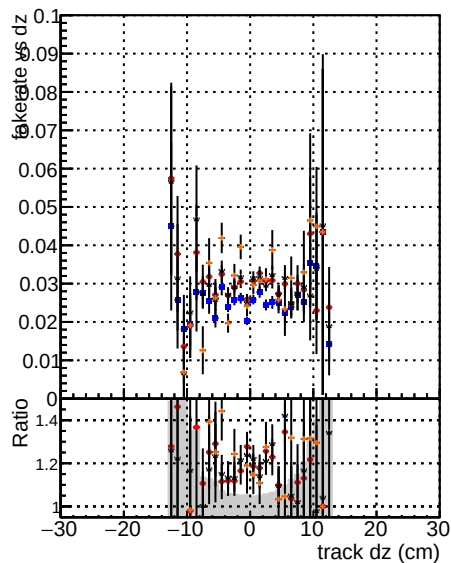
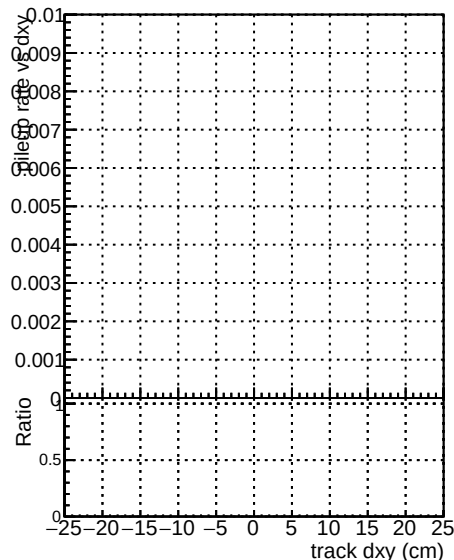


Figure 10 shows the ratio of the pile-up rate to the total rate as a function of track dz (cm). The y-axis is labeled 'Ratio' and ranges from 0 to 0.01. The x-axis is labeled 'track dz (cm)' and ranges from -30 to 30. The data points are black dots, and a horizontal line is drawn at a ratio of 0.001.