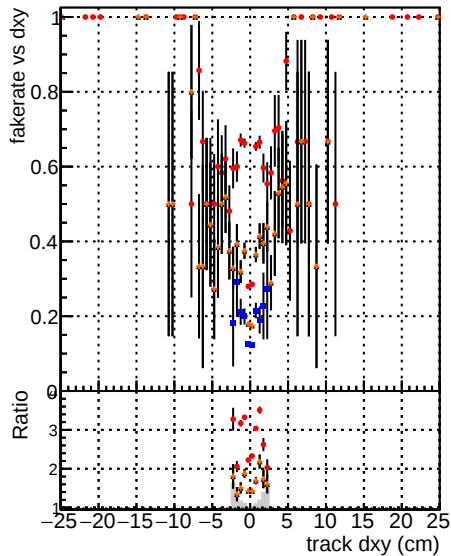
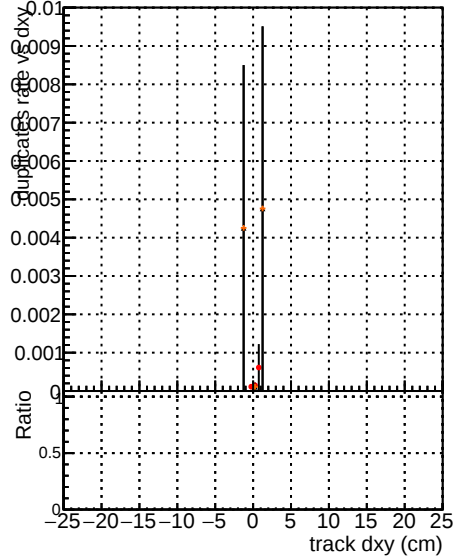


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

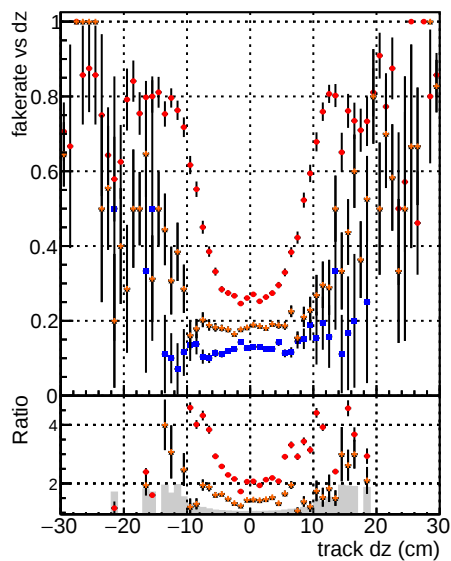
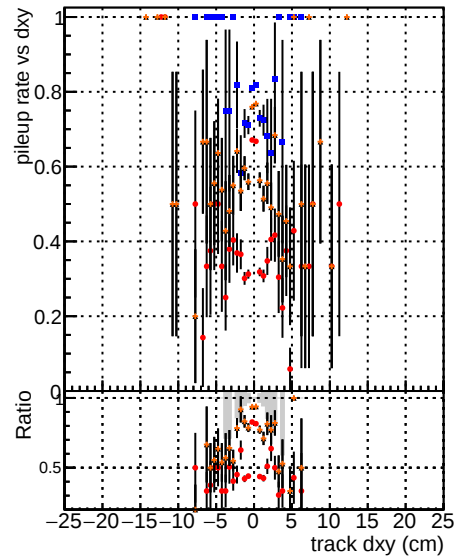


Figure 10 consists of two panels. The top panel shows the pileup rate vs dz (cm) for three models: blue diamonds (top), orange triangles (middle), and red diamonds (bottom). The bottom panel shows the ratio of the pileup rate to the pileup rate in the top panel for the same models. The x-axis ranges from -30 to 30 cm. The y-axis for the top panel ranges from 0 to 1.0, and for the bottom panel from 0 to 1.0.