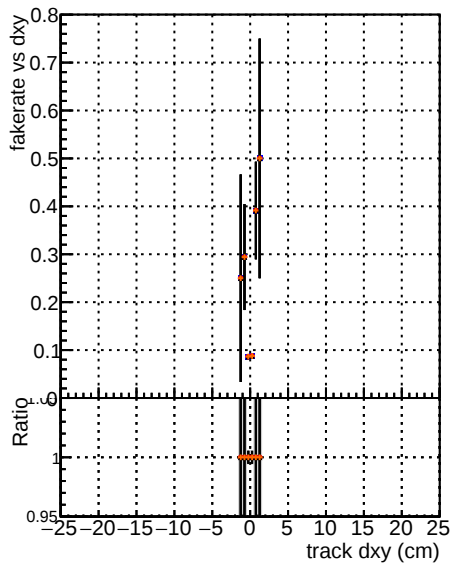
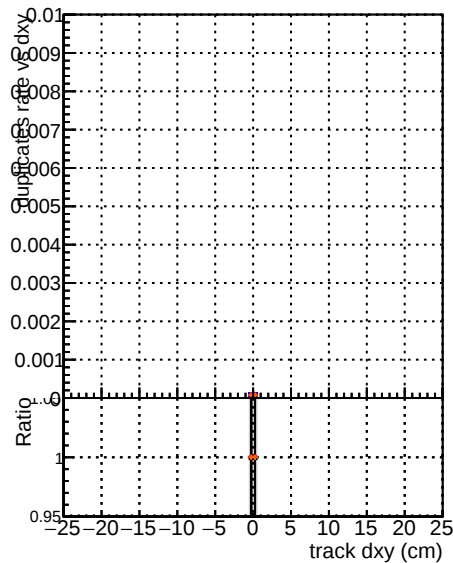


Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy

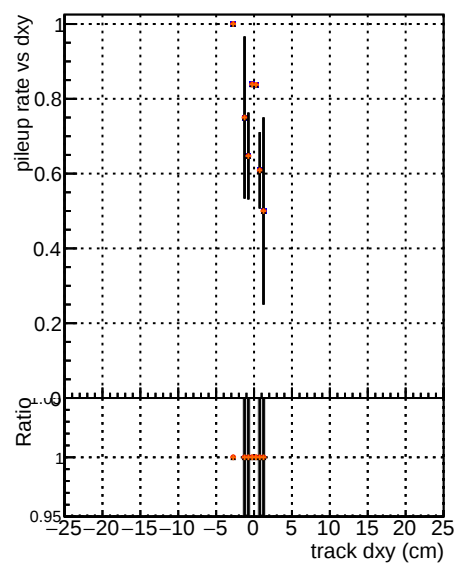


Figure 6 shows the fake rate versus d for various models and datasets. The y-axis represents the fake rate, ranging from 0 to 1.0. The x-axis lists the models/datasets: DGM, mkFit, TTbase, TTrainer, RetrainOldFiles, v2_prelimWP_epoch4, wSQCD, RetrainOldFiles, v2_prelimWP_epoch2, and wSQCD. The legend indicates four series: blue (top), red, green, and orange (bottom).

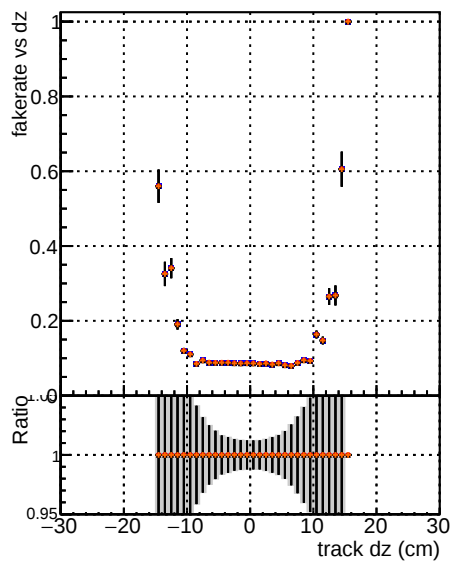


Figure 1 consists of two panels. The top panel is a scatter plot with error bars showing the pileup rate (y-axis, ranging from 0.4 to 1.0) versus track dz (x-axis, ranging from -30 to 30 cm). The data points are red circles with black error bars. The pileup rate is generally high (around 0.8 to 1.0) for |dz| > 10 cm and decreases to around 0.4 to 0.5 for |dz| < 10 cm. The bottom panel is a scatter plot with error bars showing the Ratio (y-axis, ranging from 0.95 to 1.0) versus track dz (x-axis, ranging from -30 to 30 cm). The data points are orange circles with black error bars. The Ratio is generally close to 1.0 for |dz| > 10 cm and decreases to around 0.95 to 0.98 for |dz| < 10 cm.