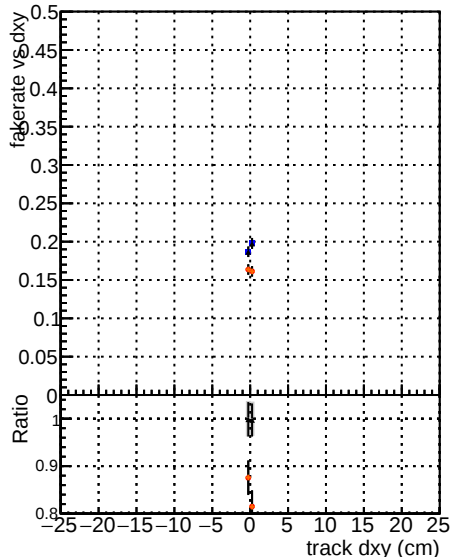


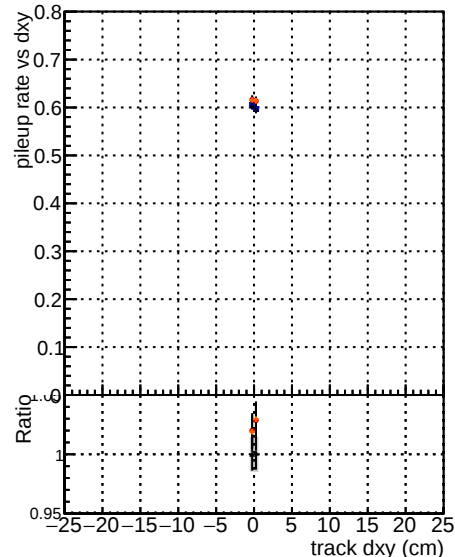
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy



DOM mkF1=5.0000 High Pt base
trainOldFiles125 v2_prelimWPM epoch4
DOM mkF1=5.0000 High Pt base
trainOldFiles125 v2_prelimWPM epoch4

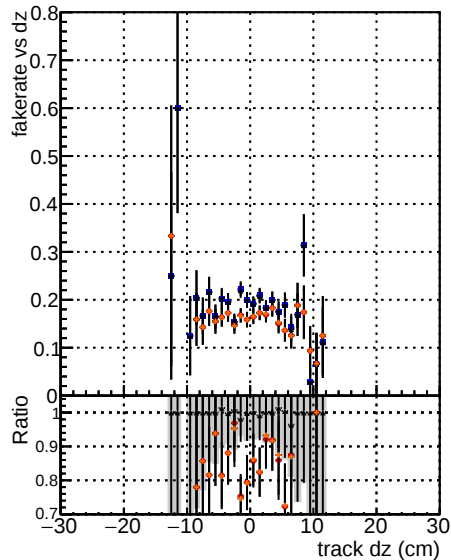


Figure 1 consists of two panels. The top panel is a scatter plot with error bars showing the pileup rate (y-axis, 0.4 to 1.0) versus track dz (x-axis, -30 to 30 cm). Data points are shown for two scenarios: no pileup (blue) and pileup (orange). The bottom panel shows the ratio of pileup rates (y-axis, 0.95 to 1.0) versus track dz (x-axis, -30 to 30 cm). The ratio is plotted for the same two scenarios, with vertical grey bands indicating regions of high pileup rate.