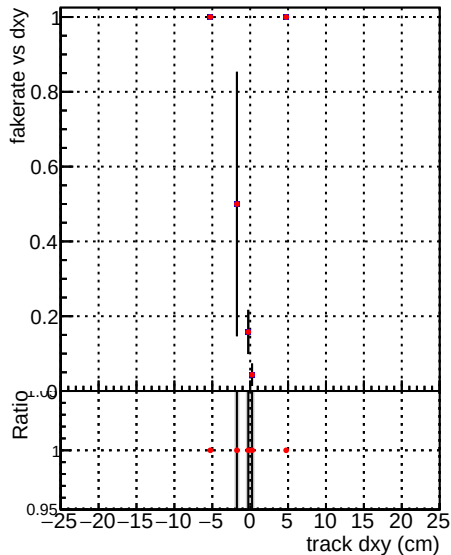
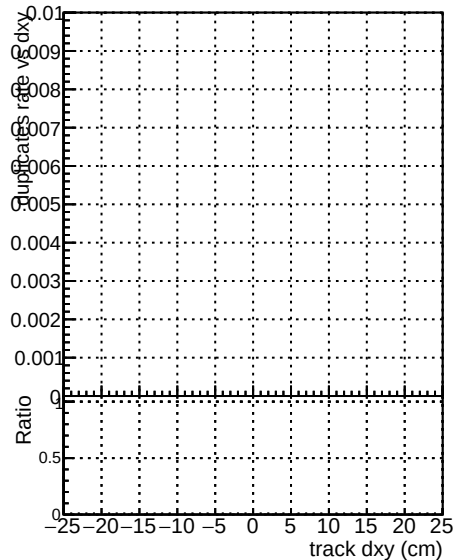


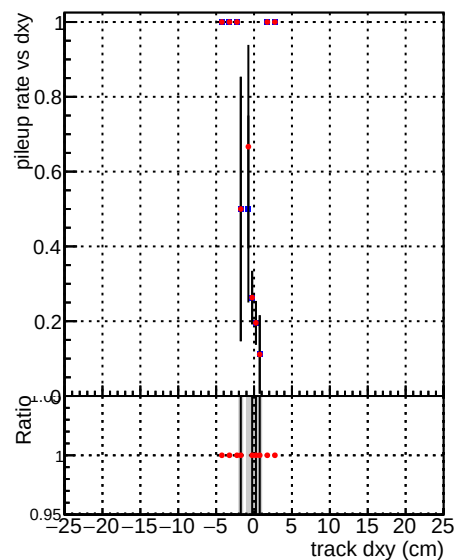
Fake rate vs dxy



Duplicates Rate vs Dxy



Pileup rate vs dxy




DQM_V0001_R0000000001_Global_mkFit100PIXLLNO_RECO
DQM_V0001_R0000000001_Global_mkFit100PIXLL_RECO

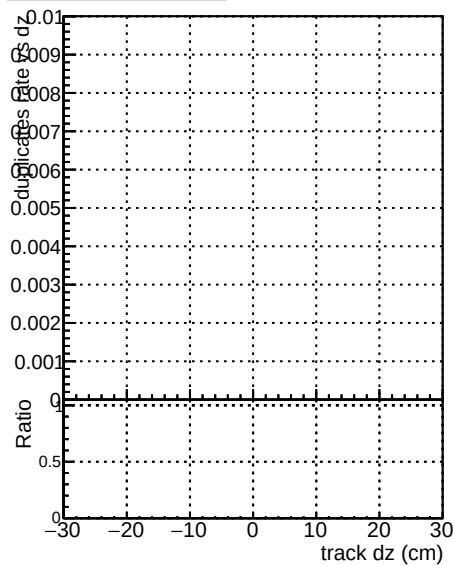
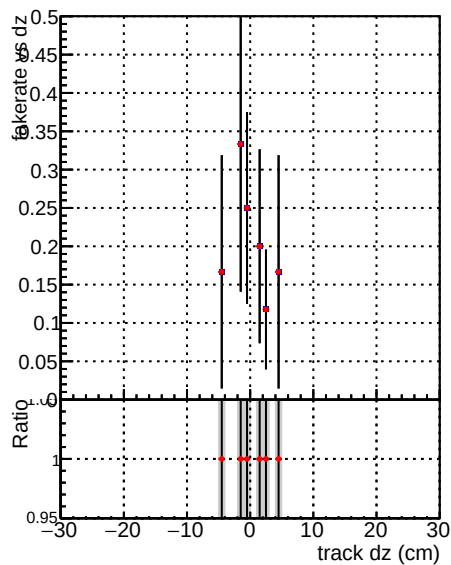


Figure 1 is a plot showing the pileup rate versus dz (cm) for the ATLAS detector. The x-axis ranges from -30 to 30 cm, and the y-axis ranges from 0.95 to 0.8. The plot shows a sharp peak in the pileup rate at $dz = 0$, reaching a value of approximately 0.5. The rate decreases rapidly as dz increases in magnitude. The plot includes a grid and a dashed line at $y = 0.5$.

