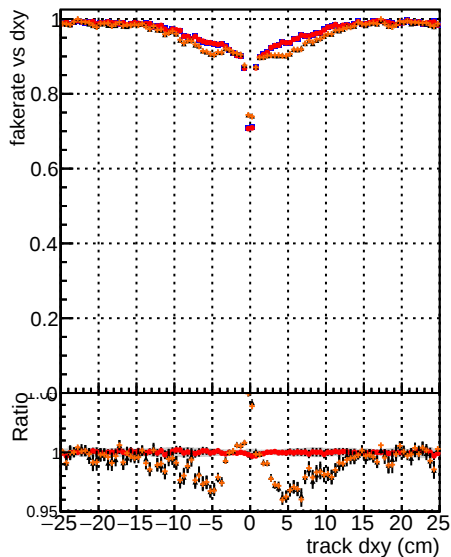
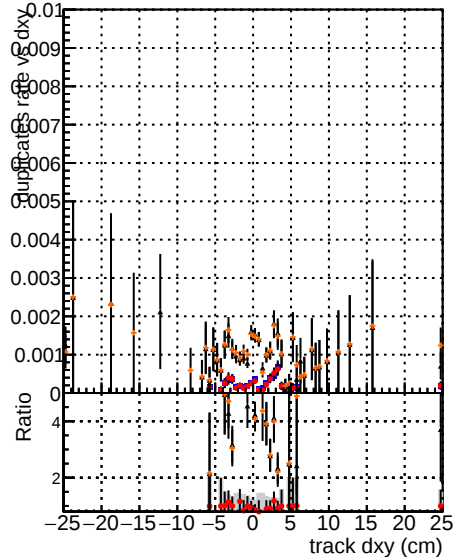


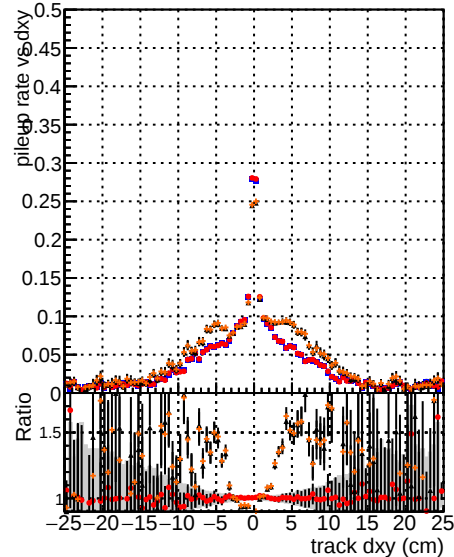
Fake rate vs dxy



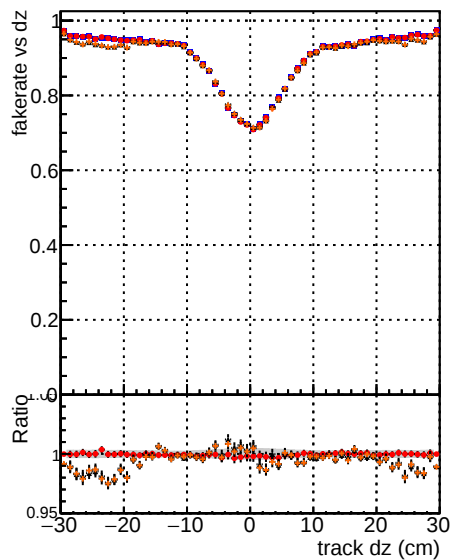
Duplicates Rate vs Dxy



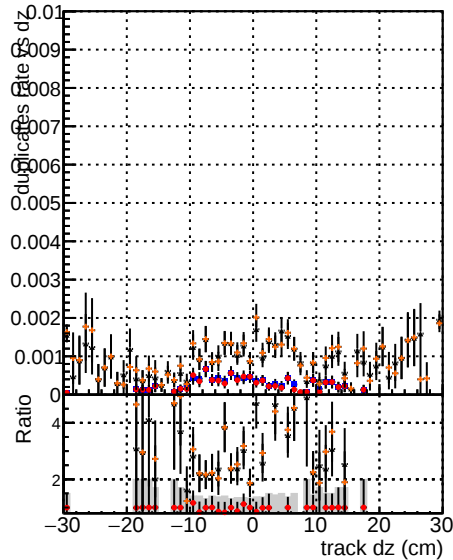
Pileup rate vs dxy



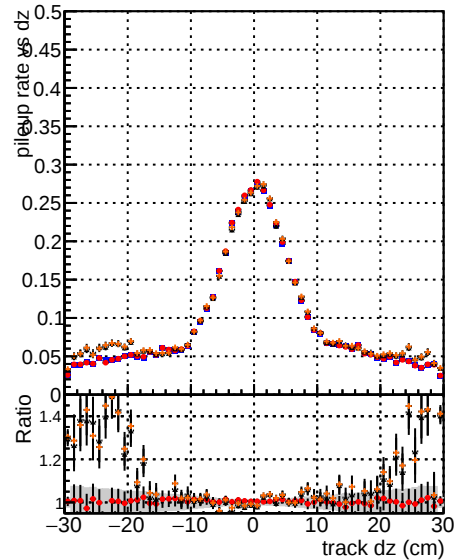
Fake rate vs dz



Duplicates Rate vs Dxy



Pileup rate vs dxy



Legend:
 - $\text{BQM_mkFit5_XIMinUSPU_base}$ (blue line)
 - $\text{BQM_mkFit5_XIMinUSPU_trainOldFiles125_v2_prelimWPM_epoch4}$ (orange line)
 - $\text{BQM_mkFit5_XIMinUSPU_trainOldFiles125_v2_prelimWPM_epoch4}$ (red line)