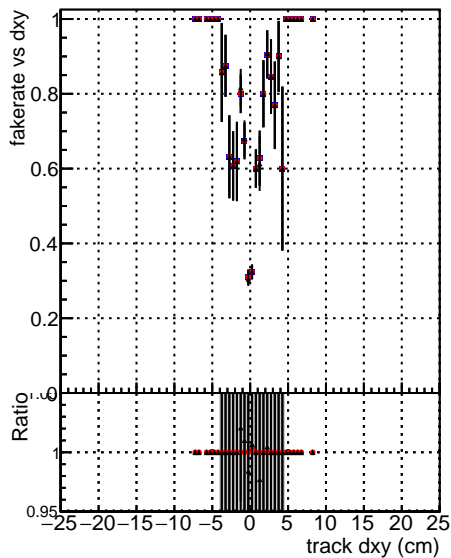
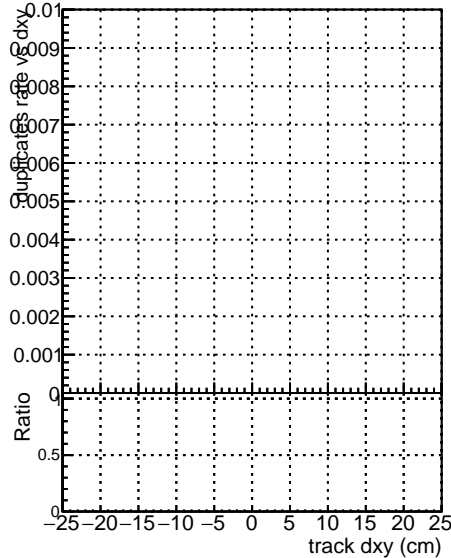
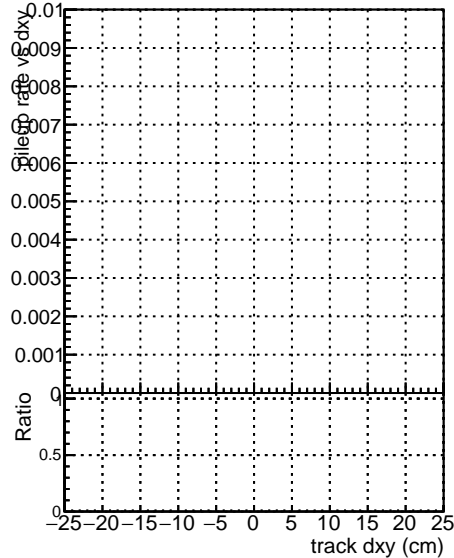
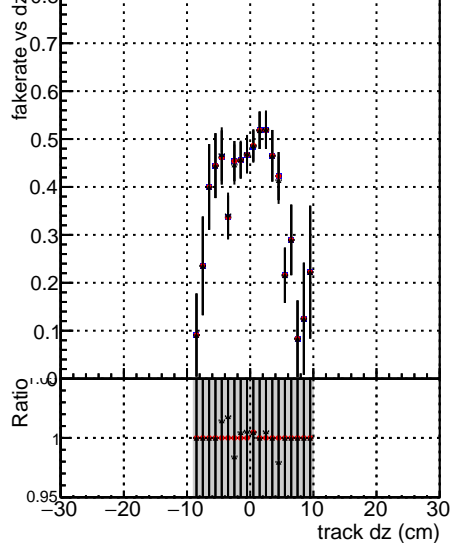
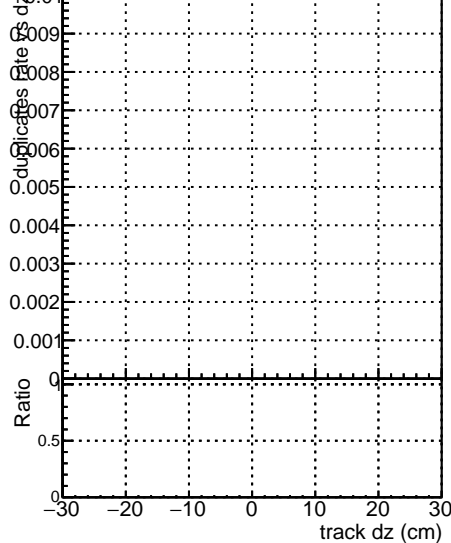


**Fake rate vs dxy****Duplicates Rate vs Dxy****Pileup rate vs dxy**

—●— DGM ttbarPU mkFit 5iter updatedPR111 update  
—●— DGM ttbarPU mkFit 5iter updatedPR111 update fixPropagation  
—●— DGM ttbarPU mkFit 5iter updatedPR111 update

**Fake rate vs dz****Duplicates Rate vs Ddz****Pileup rate vs dxy**