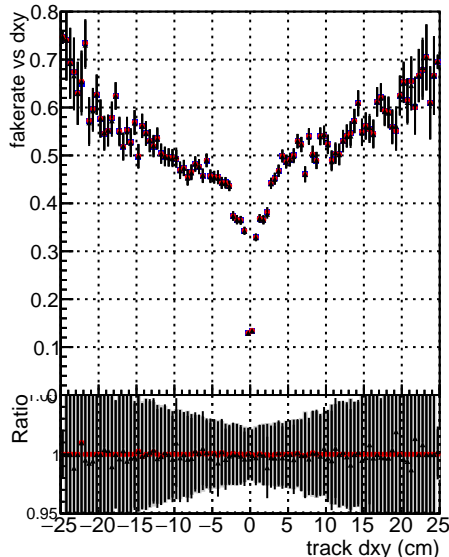
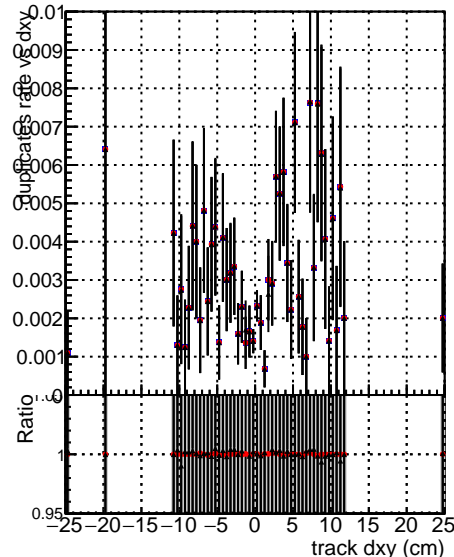
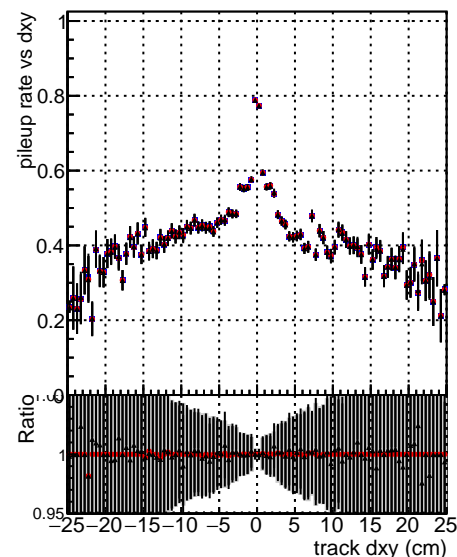
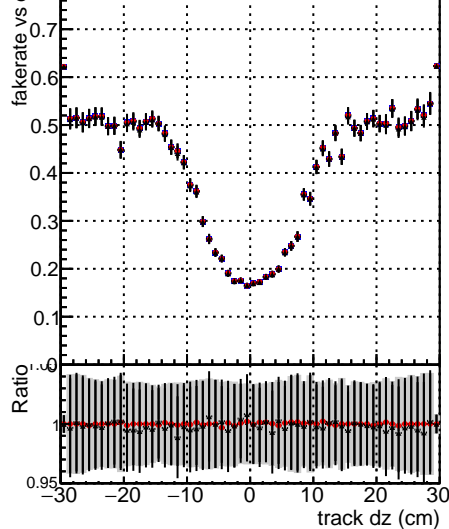
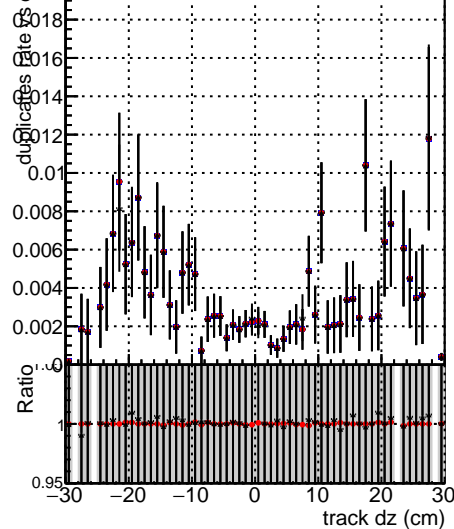


**Fake rate vs dxy****Duplicates Rate vs Dxy****Pileup rate vs dxy**

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

**Fake rate vs dz****Duplicates Rate vs DZ****Pileup rate vs dz**