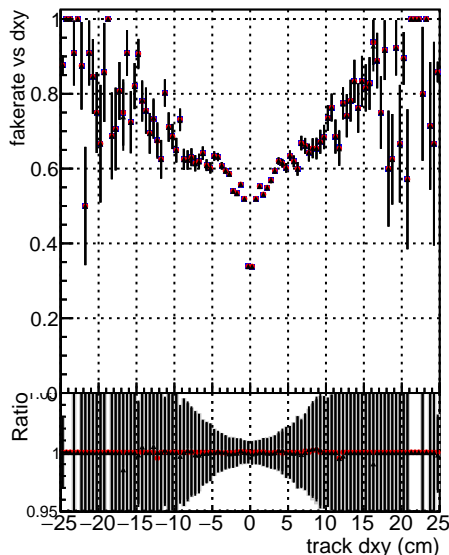
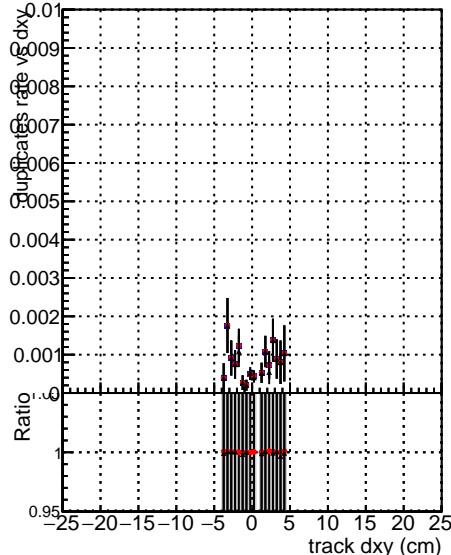
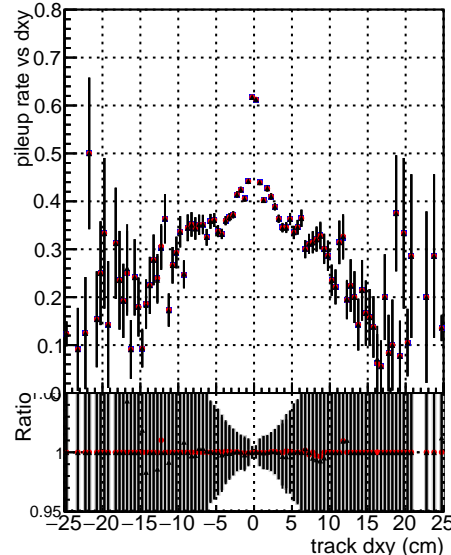
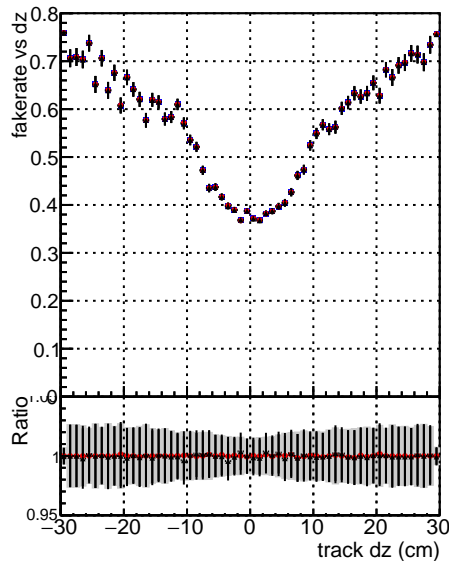
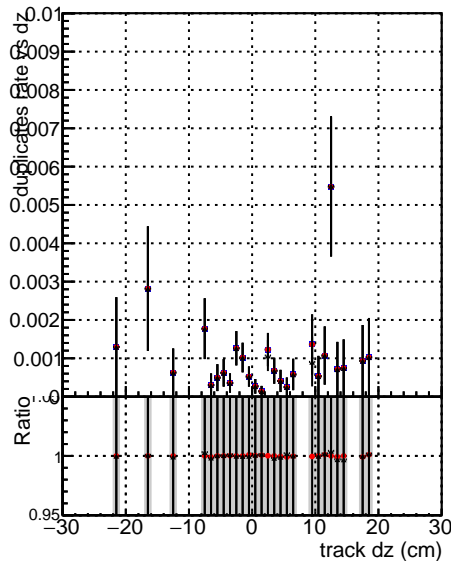


Fake rate vs dxy**Duplicates Rate vs Dxy****Pileup rate vs dxy**

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

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