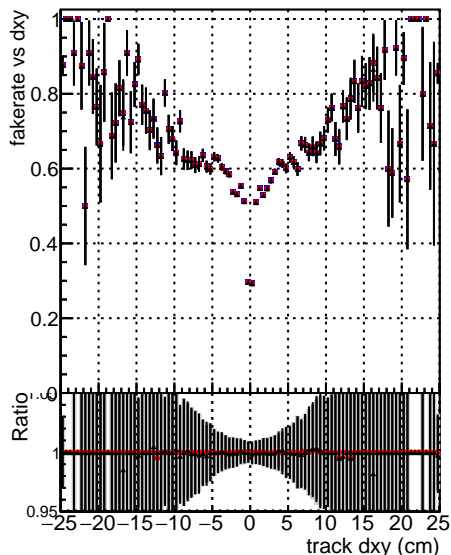
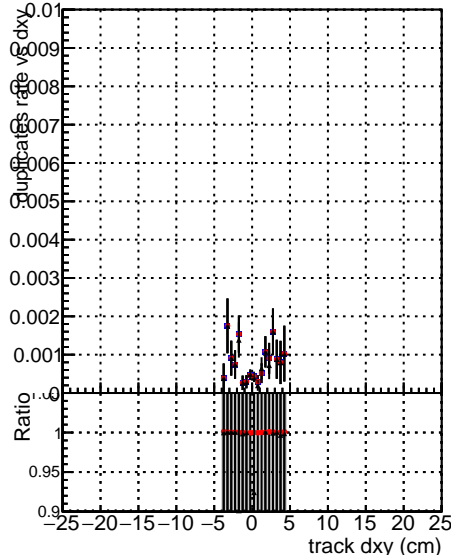
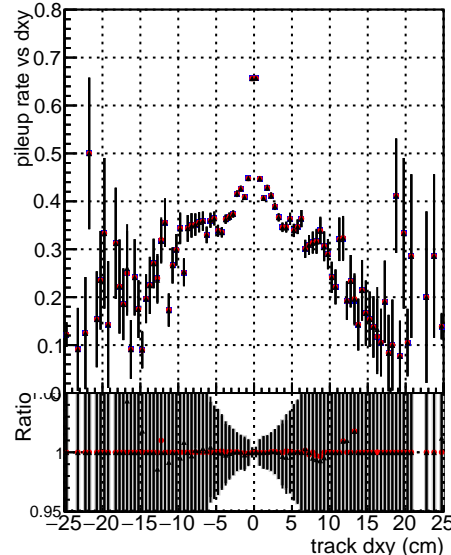
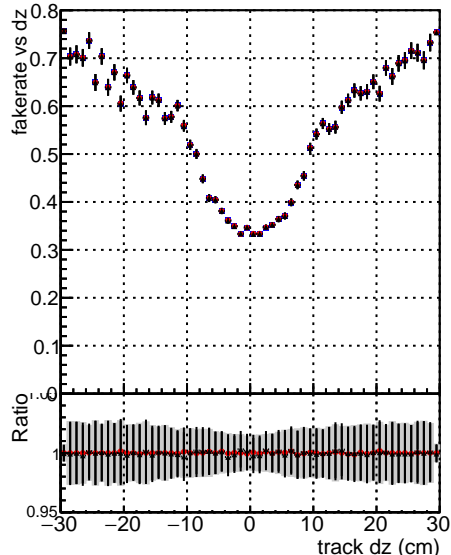
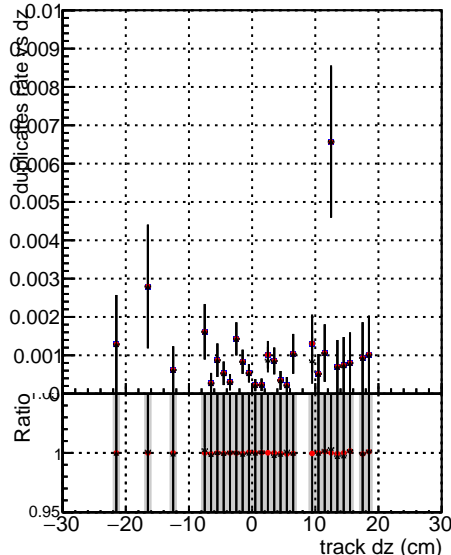


Fake rate vs dxy**Duplicates Rate vs Dxy****Pileup rate vs dxy**

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

Fake rate vs dz**Duplicates Rate vs Dzy****Pileup rate vs dzy**