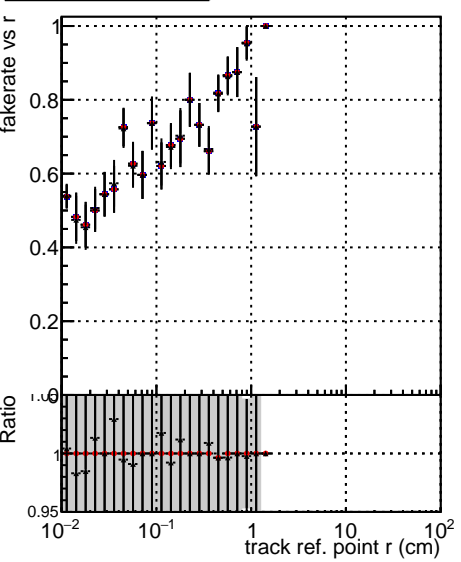
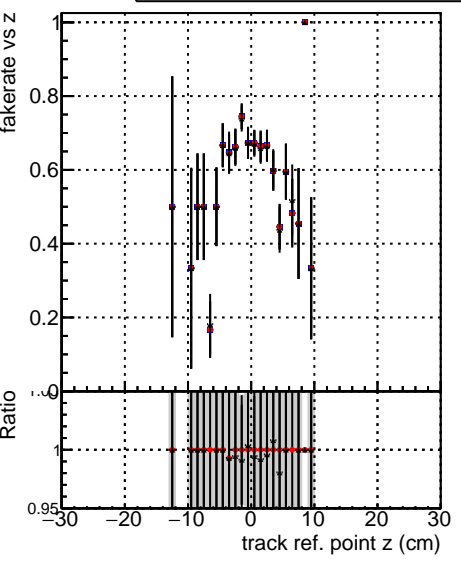
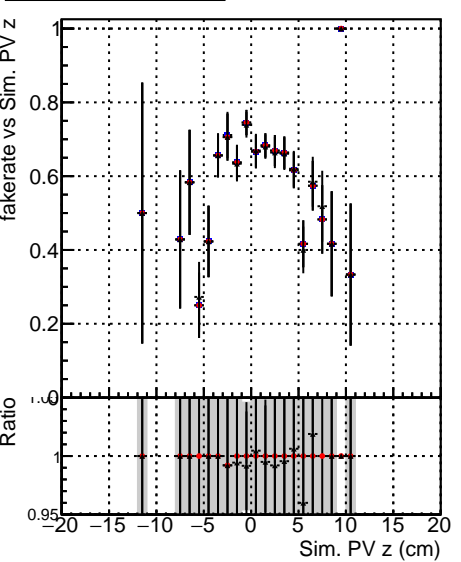


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos**

—•— DQM\_ttbarPU\_mkFit\_5iter  
—•— DQM\_ttbarPU\_mkFit\_5iter\_updatedPR111\_update  
—•— DQM\_ttbarPU\_mkFit\_5iter\_updatedPR111\_update\_fixPropagation

**Fake rate vs v****Fake rate vs. sim PV z****Duplicates Rate vs sim PV z****Pileup rate vs. sim PV z**