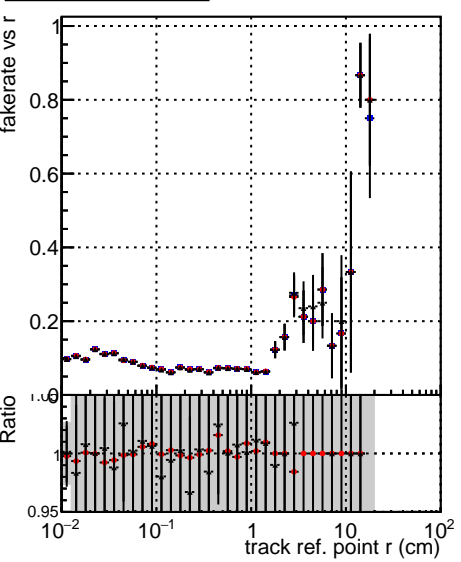
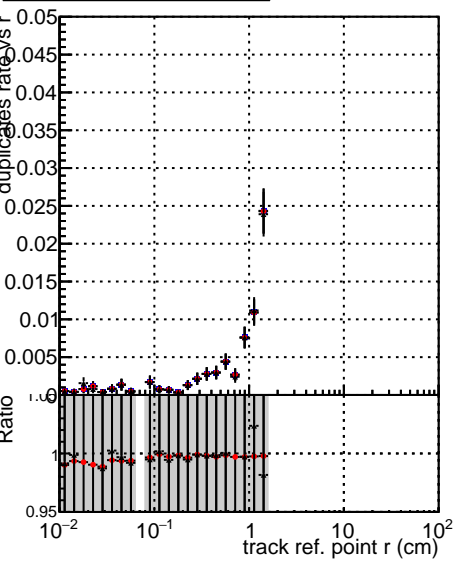
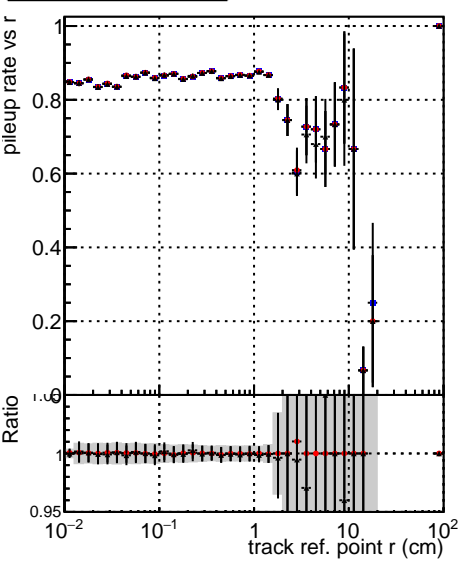
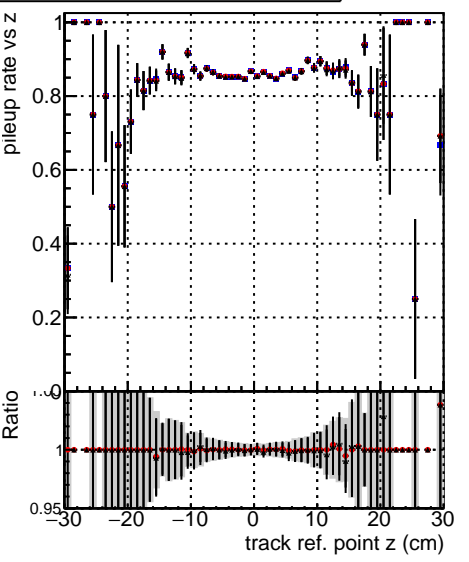
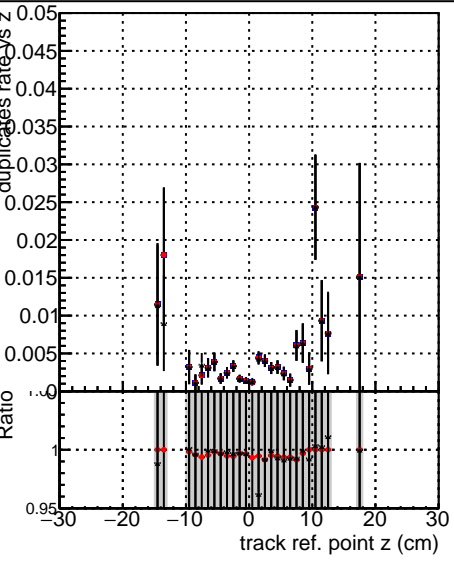
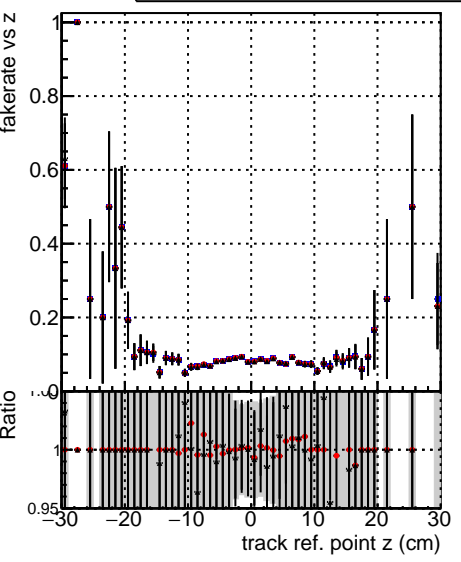
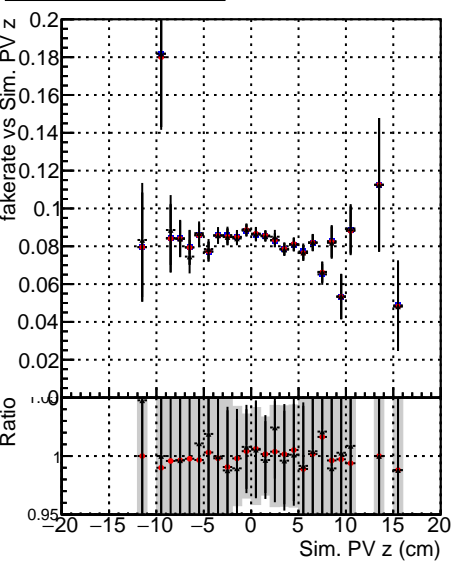
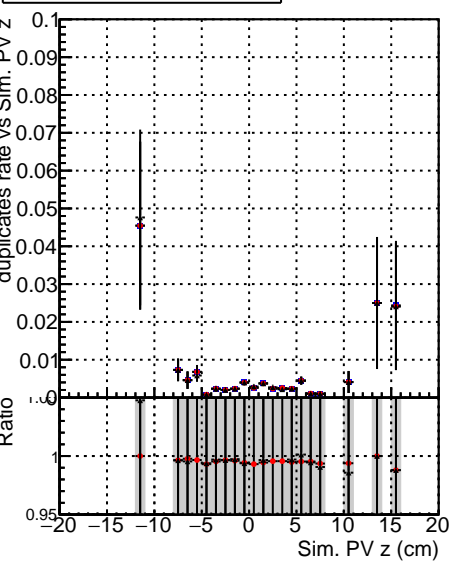


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos**

Legend for the top row plots:

- Blue square: DQM\_ttbarPU\_mkFit\_5iter
- Red circle: DQM\_ttbarPU\_mkFit\_5iter\_updatedPR111\_update
- Black triangle: 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**