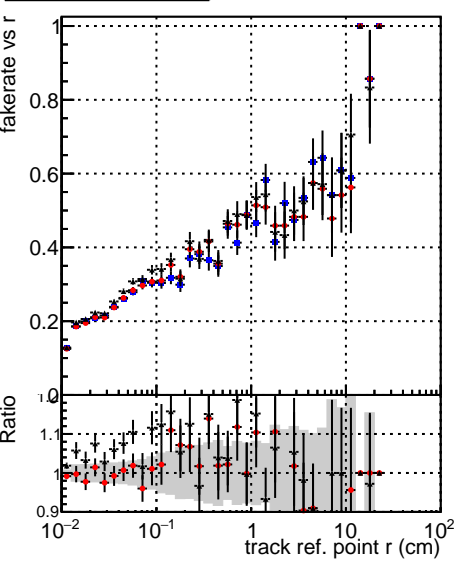
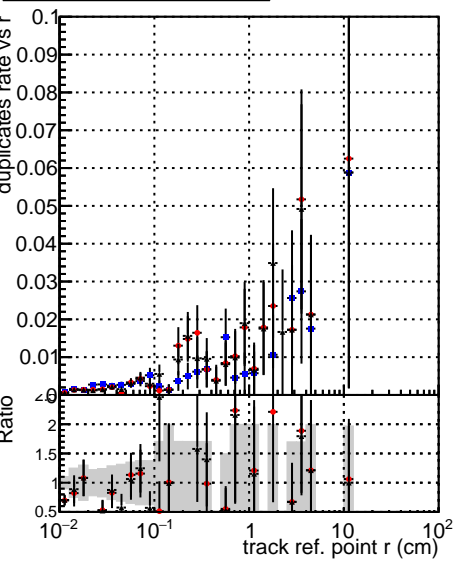
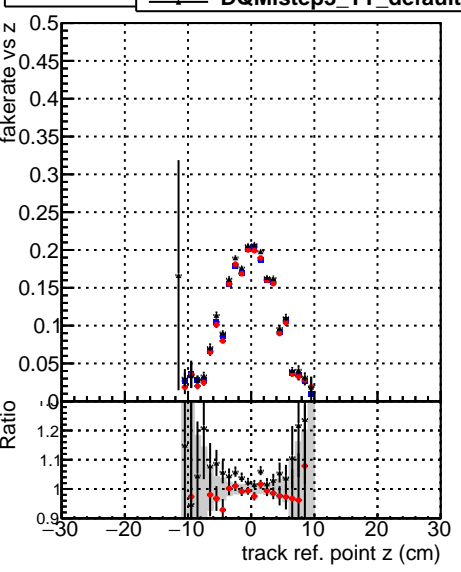
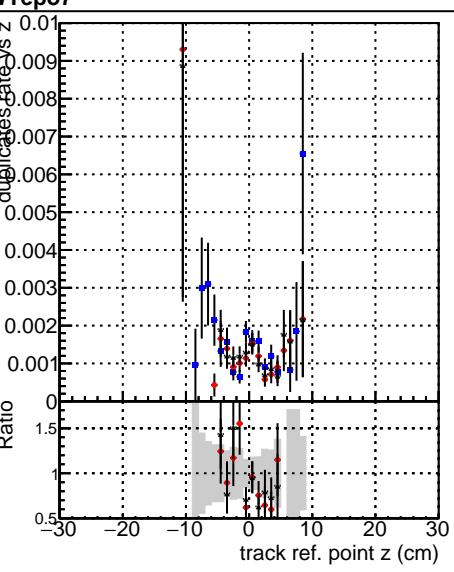
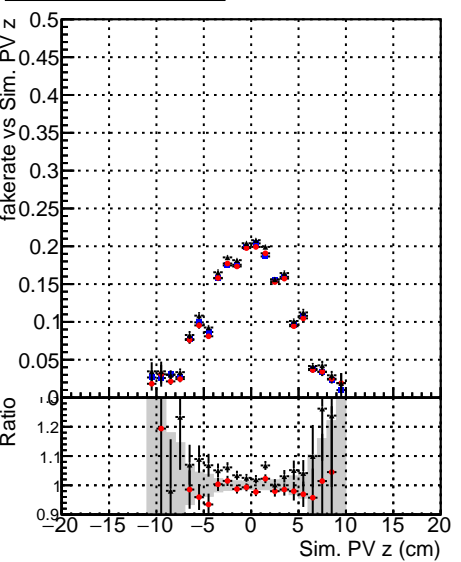
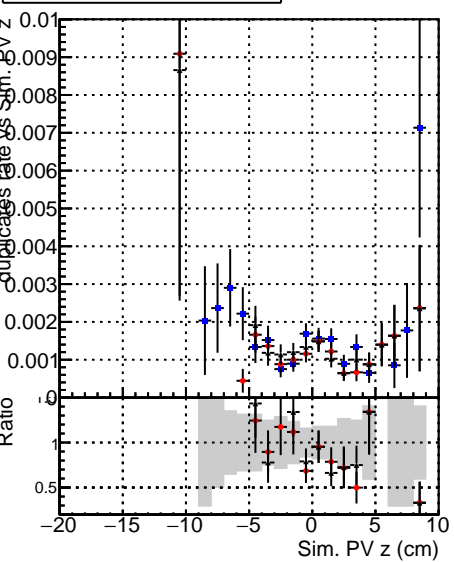


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos****Fake rate vs v****Duplicates Rate vs v****Pileup rate vs v****Fake rate vs. sim PV z****Duplicates Rate vs sim PV z****Pileup rate vs. sim PV z**

Legend for all plots:

- Blue square: DQMstep3\_TT\_CKF
- Red circle: DQMstep3\_TT\_default
- Black triangle: DQMstep3\_TT\_defaultNEWTeo7