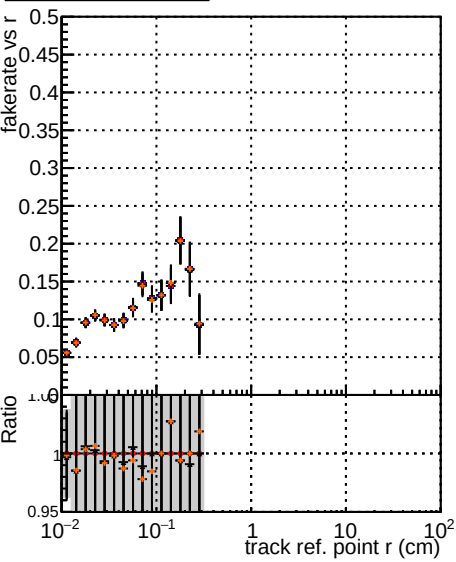
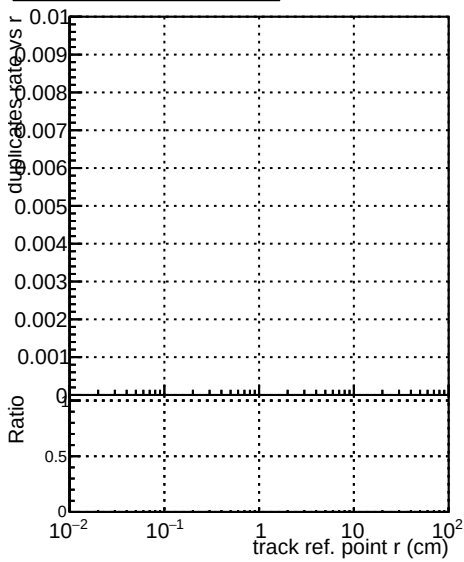
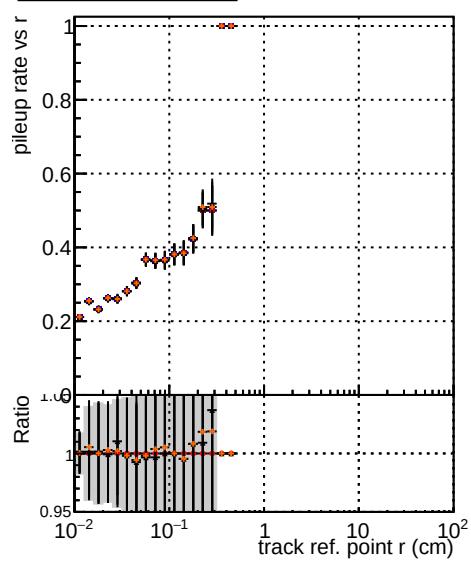
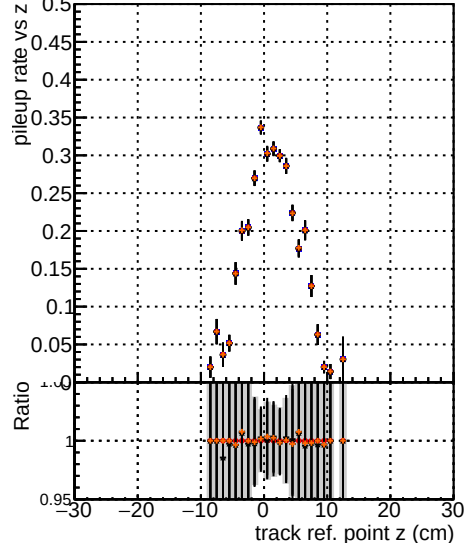
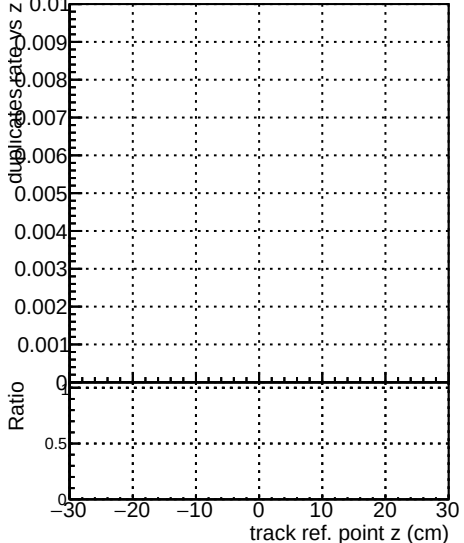
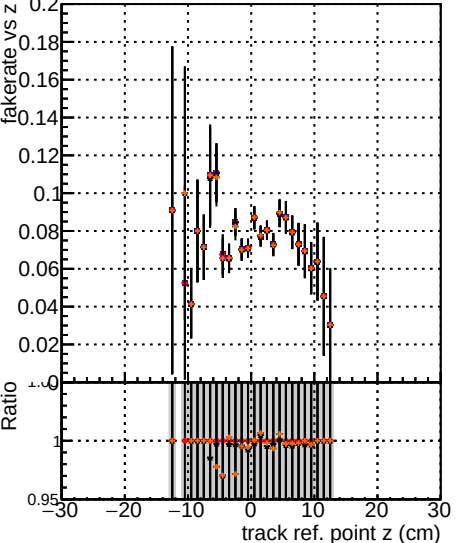
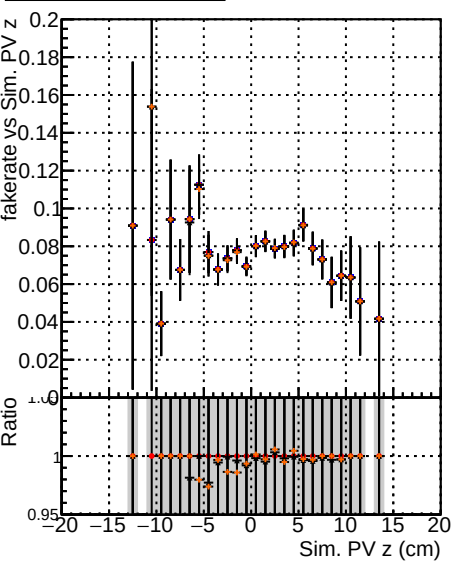
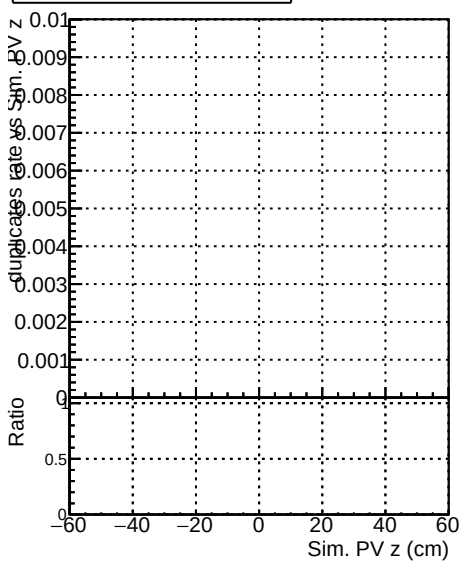


Fake rate vs vertpos**Duplicates Rate vs vertpos****Pileup rate vs vertpos**

Fake rate vs v

Legend:

- DOM TT original lowpt
- DOM TT newbranch lowpt
- DOM TT original lowpt pless
- DOM TT newbranch lowpt pless

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