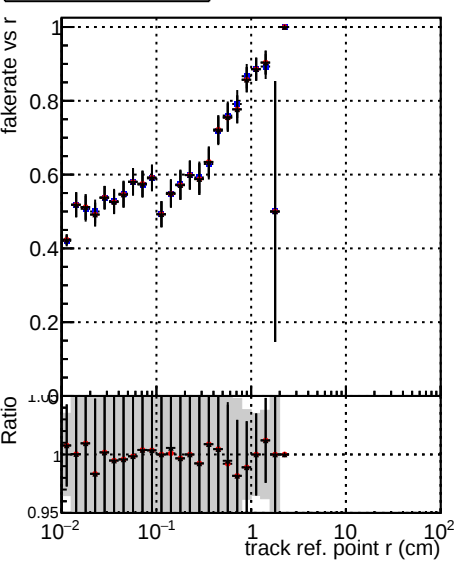


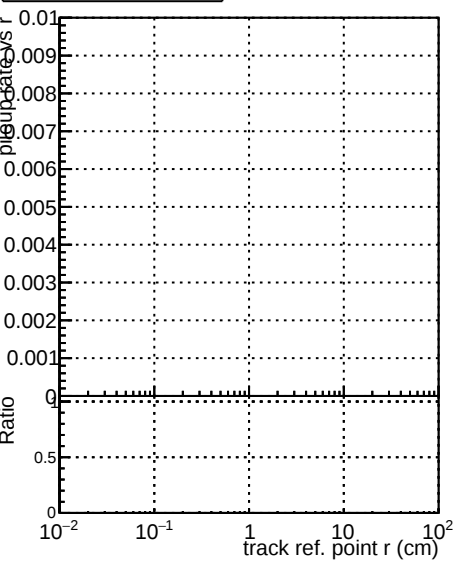
**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**



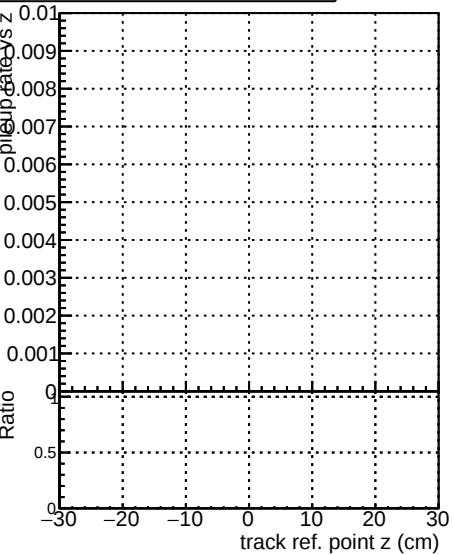
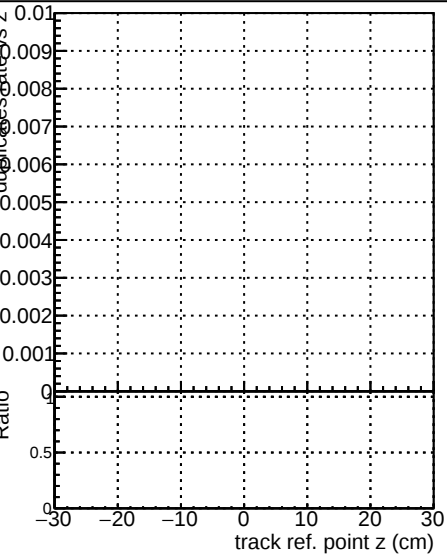
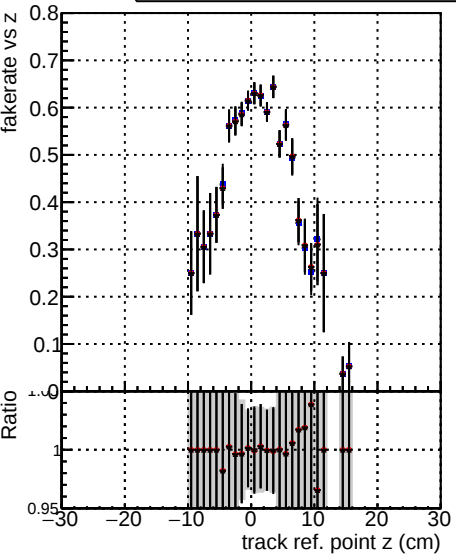
**Pileup rate vs vertpos**



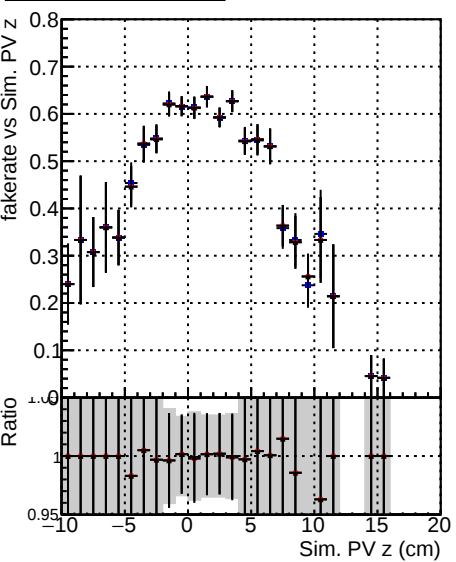
**Fake rate vs v**

Legend:

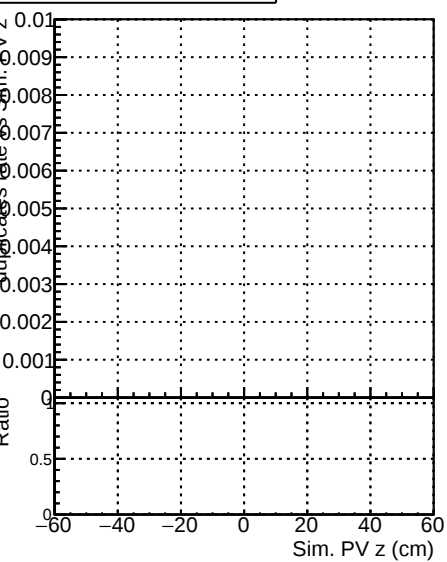
- DOM TT original\_lowpt
- DOM TT newbranch\_lowpt\_pLess
- DOM TT newbranch\_lowpt\_pLessMVACand



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

