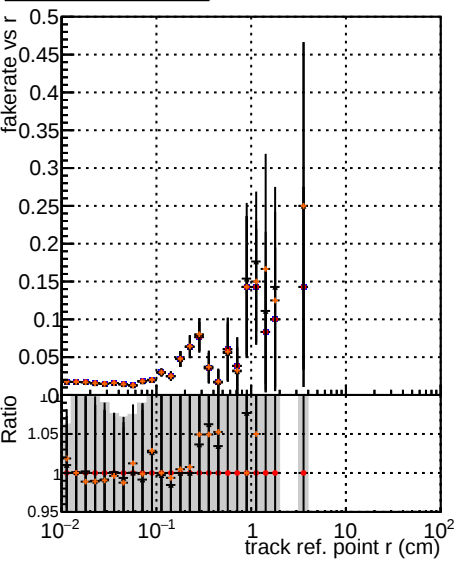
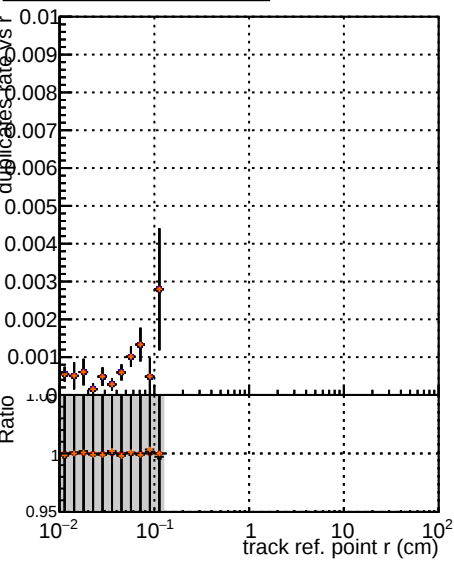


**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**



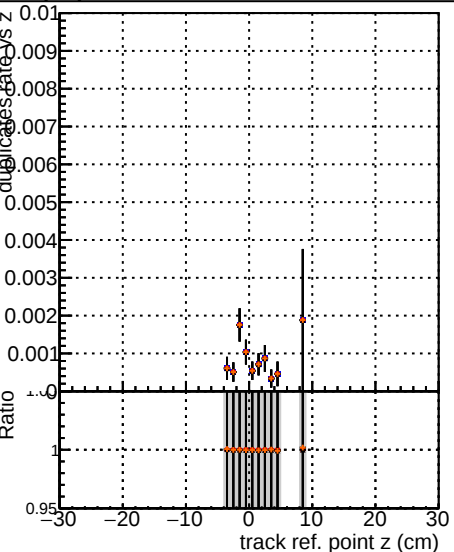
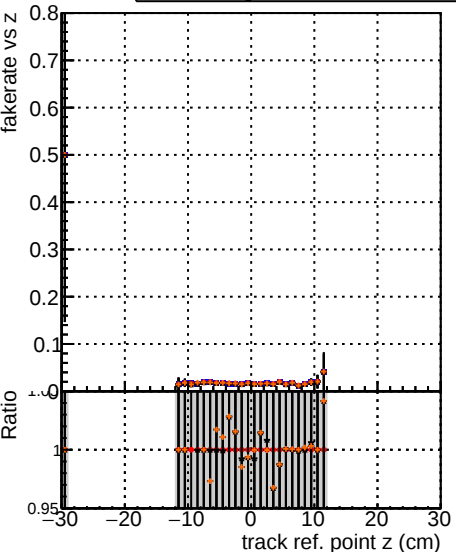
**Pileup rate vs vertpos**



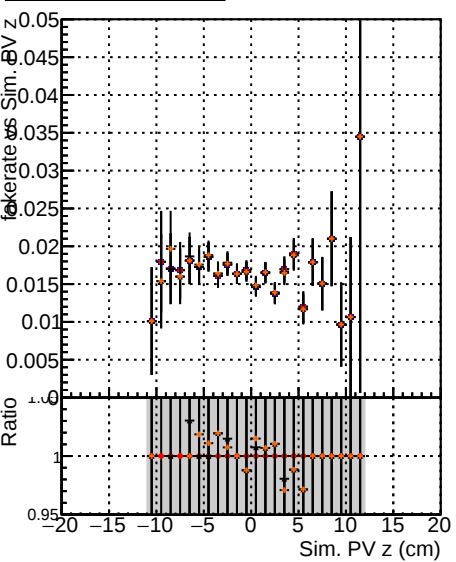
**Fake rate vs v**

Legend:

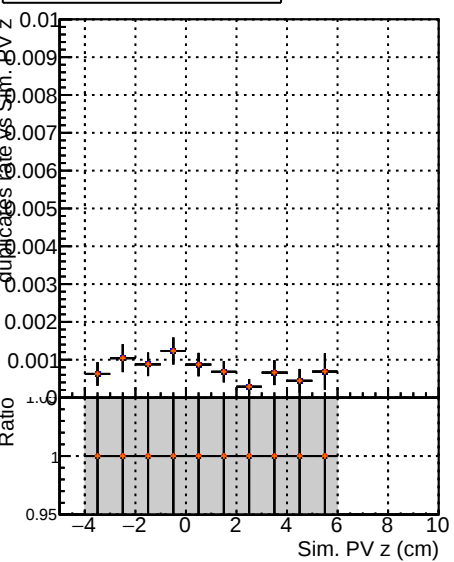
- DOM X Minus original lowpt
- DOM X Minus newbranch lowpt
- DOM X Minus original lowpt pLess
- DOM X Minus newbranch lowpt pLess



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

