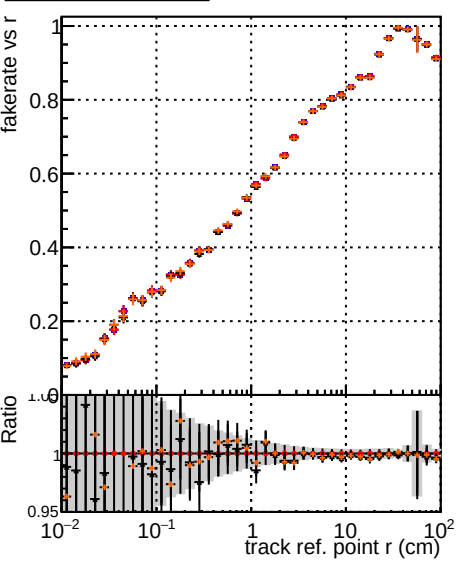
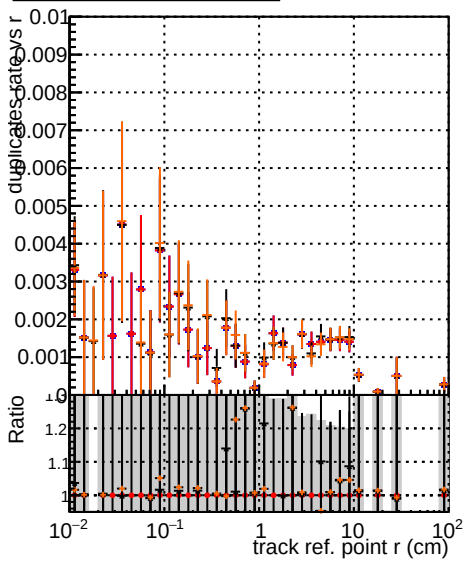


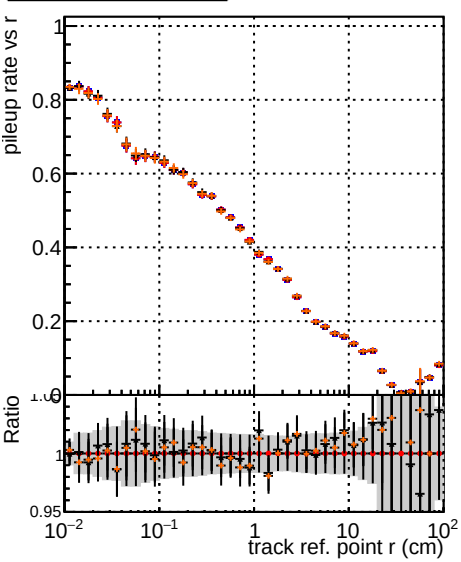
**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**



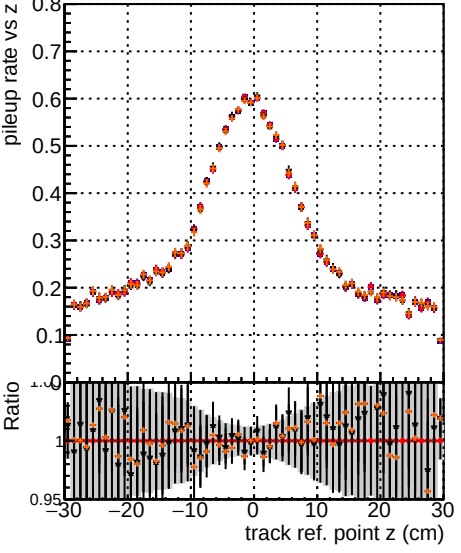
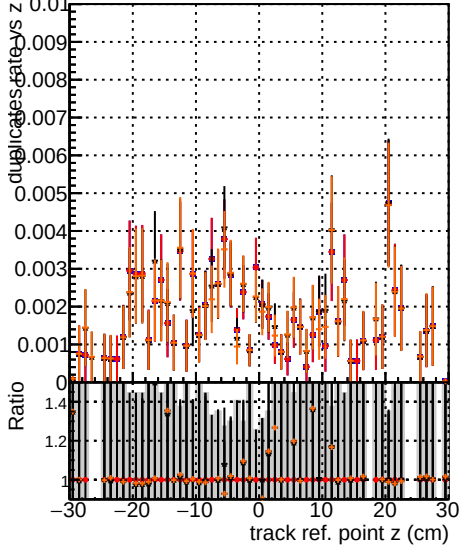
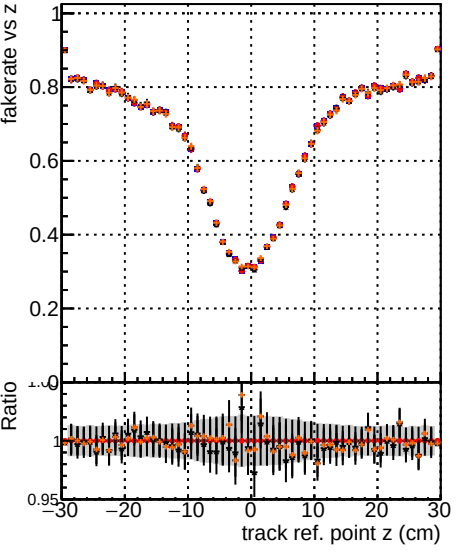
**Pileup rate vs vertpos**



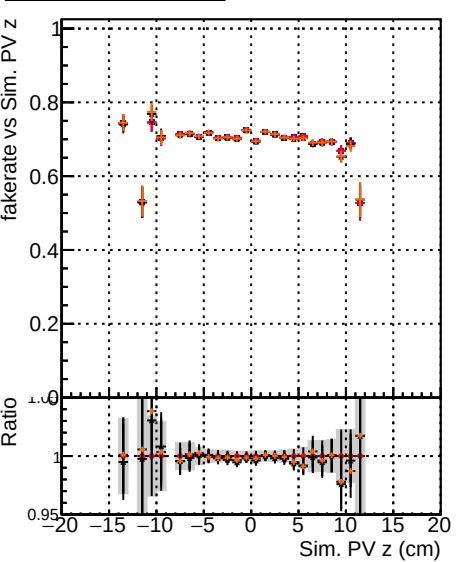
**Fake rate vs v**

Legend:

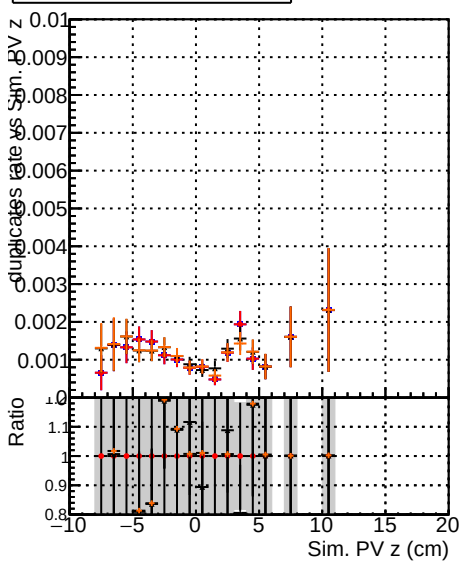
- DOM original
- DOM original2
- DOM test
- DOM test2
- DOM test3
- DOM test4
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- DOM test98
- DOM test99
- DOM test100



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

