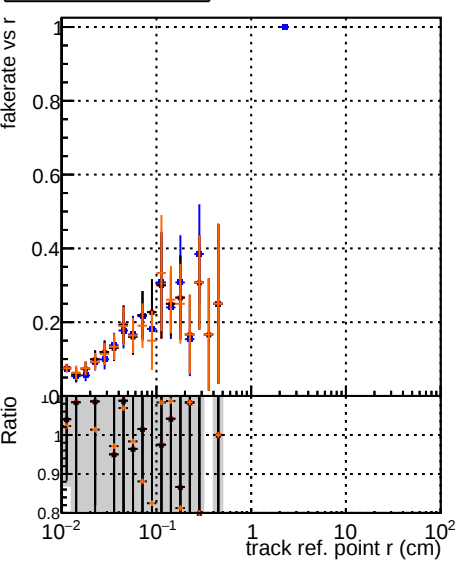
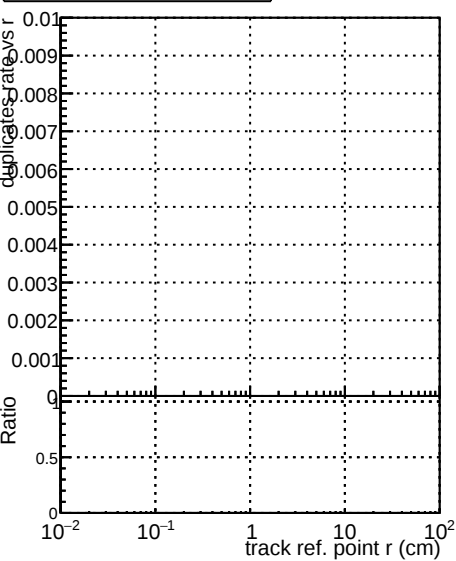


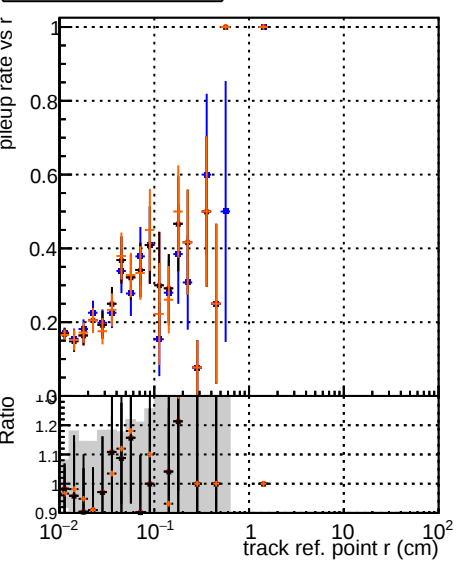
**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**



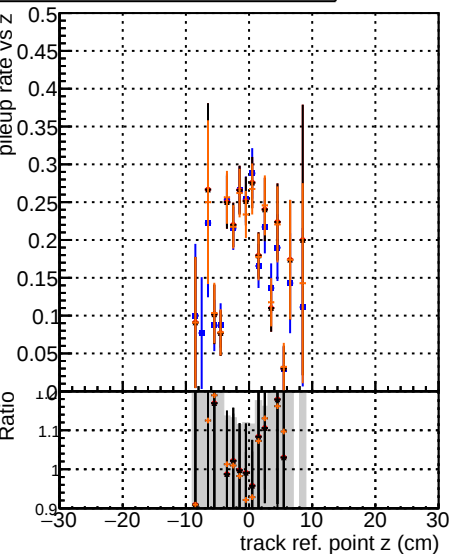
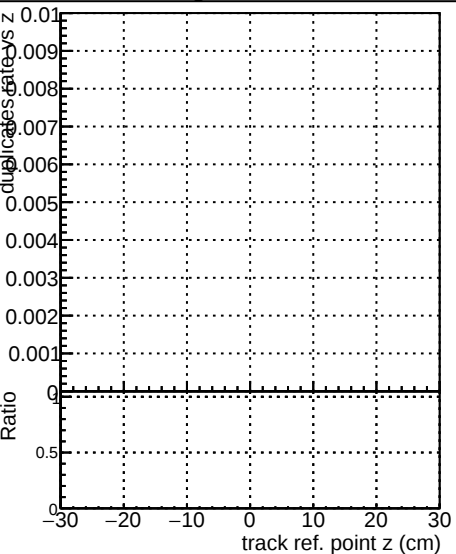
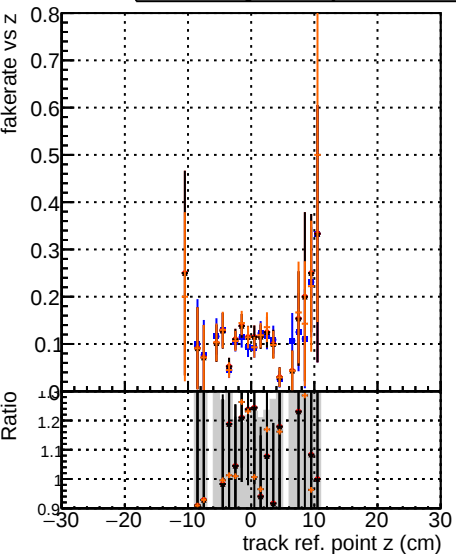
**Pileup rate vs vertpos**



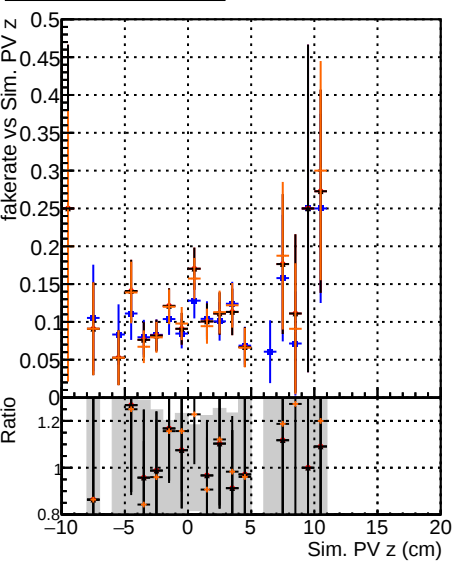
**Fake rate vs v**

Legend:

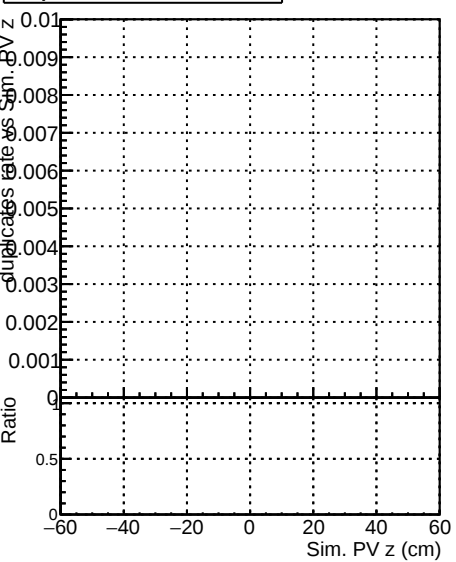
- DOM original
- DOM fit cpeak
- DOM fit cpeak sorted
- DOM fit cpeak sorted test outlier gets 1000evt



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

