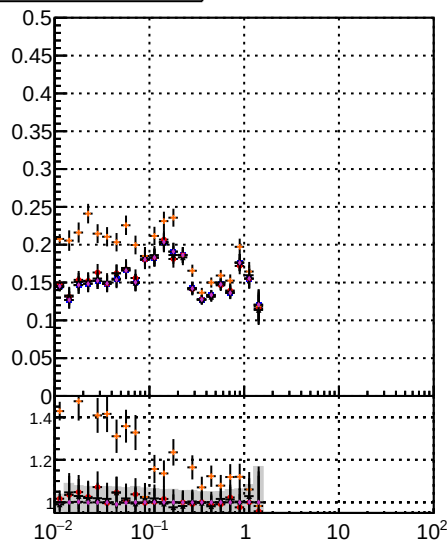
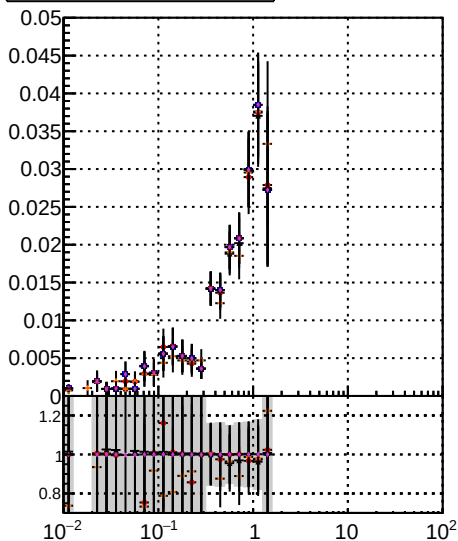


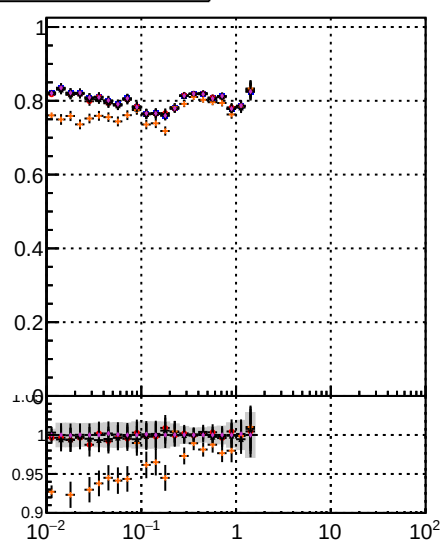
## Fake rate vs vertpos



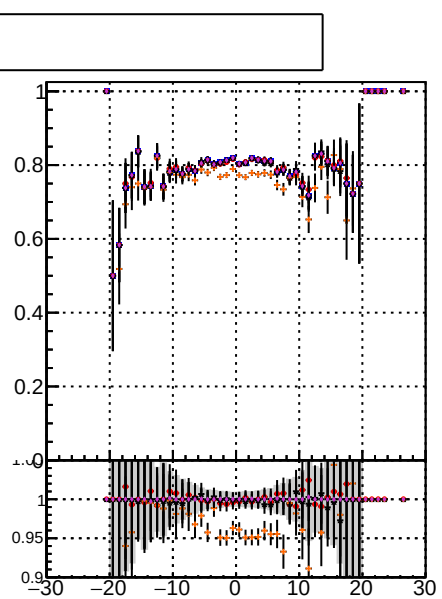
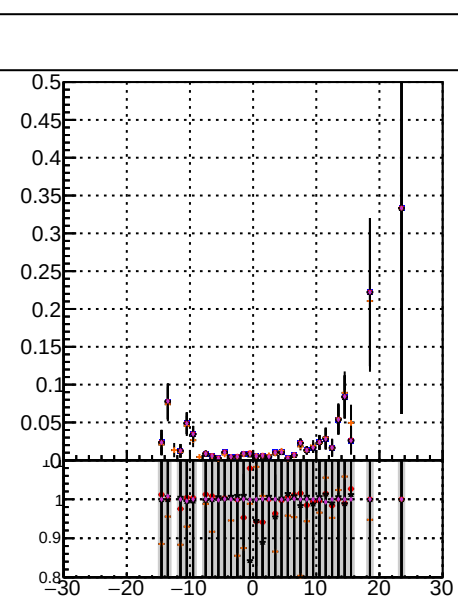
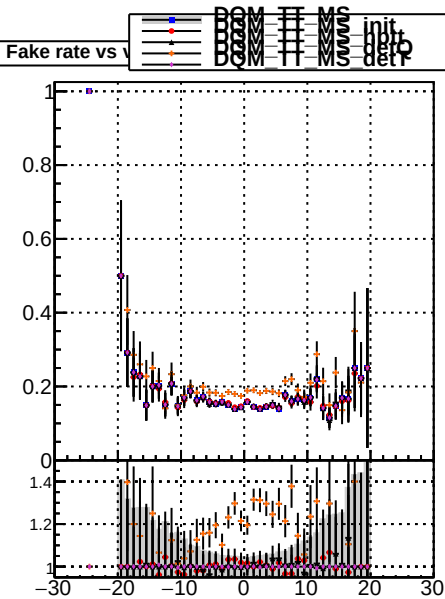
### Duplicates Rate vs vertpos



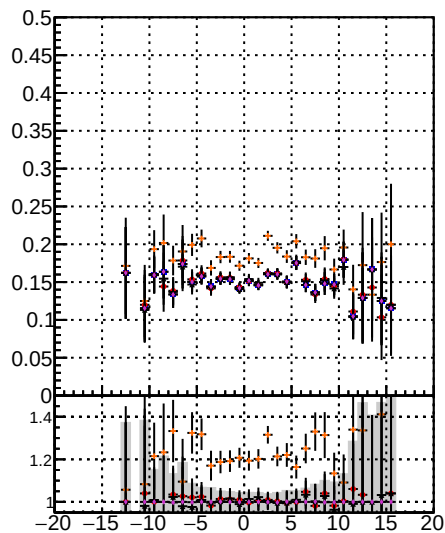
### Pileup rate vs vertpos



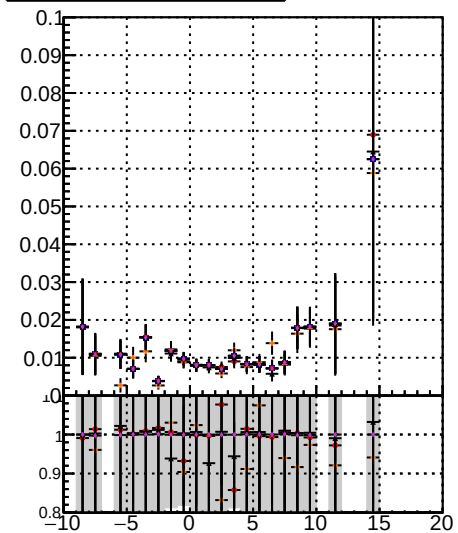
### Fake rate vs v



**Fake rate vs. sim PV z**



### Duplicates Rate vs sim PV z



### Pileup rate vs. sim PV z

