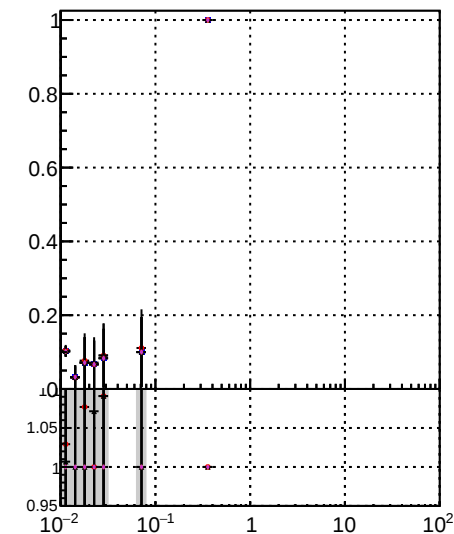


## Fake rate vs vertpos



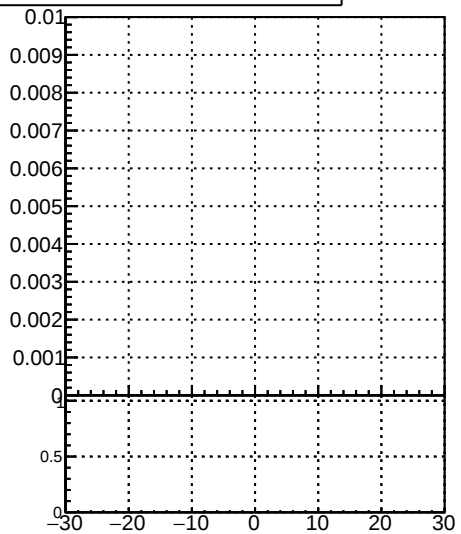
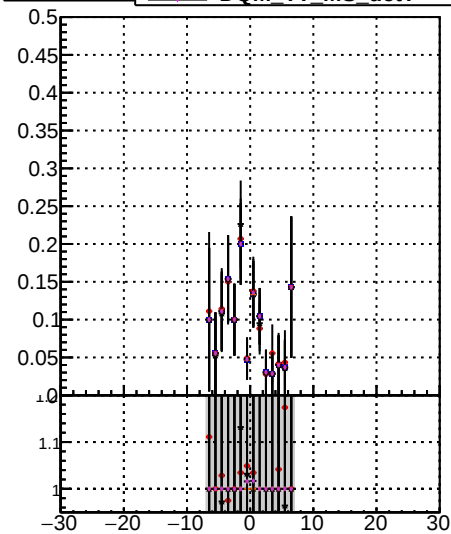
### Duplicates Rate vs vertpos



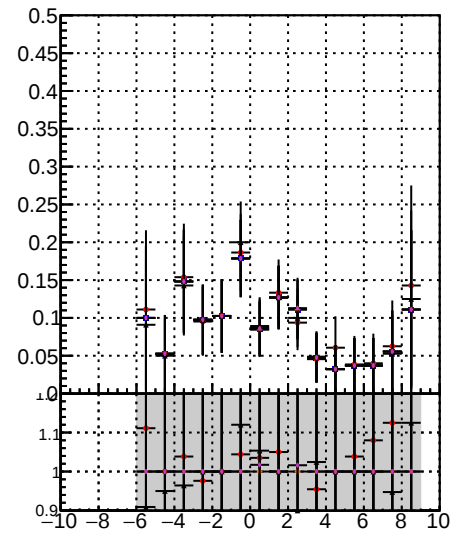
### Pileup rate vs vertpos



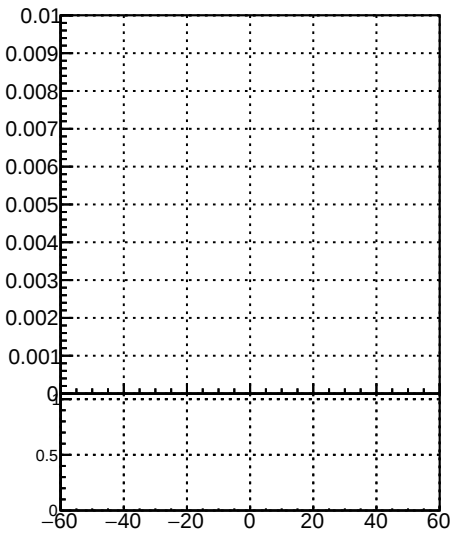
### Fake rate vs v



Fake rate vs. sim PV z



### Duplicates Rate vs sim PV z



### Pileup rate vs. sim PV z

