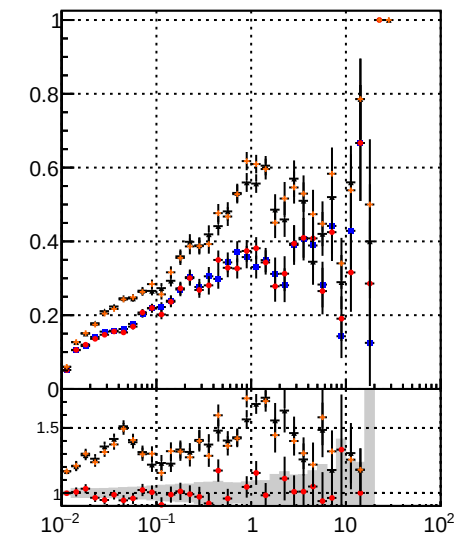
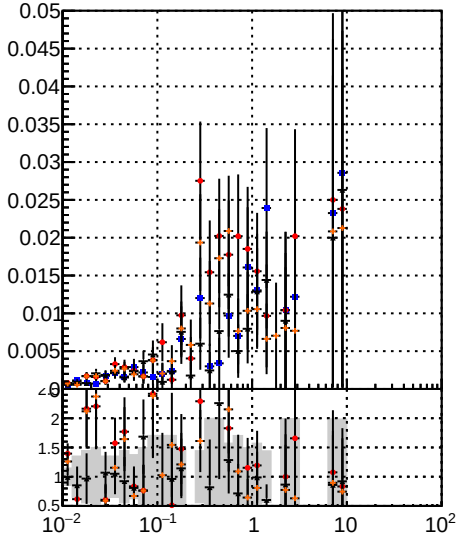


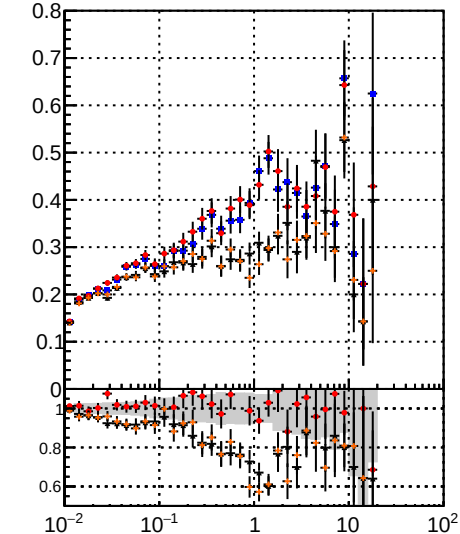
Fake rate vs vertpos



Duplicates Rate vs vertpos



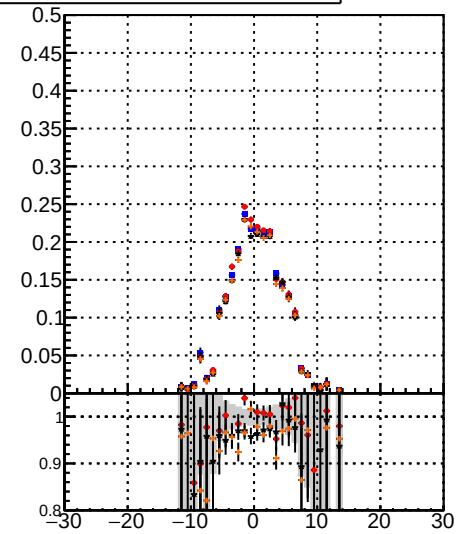
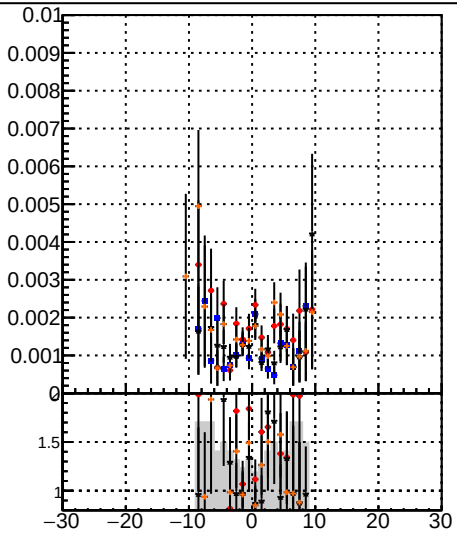
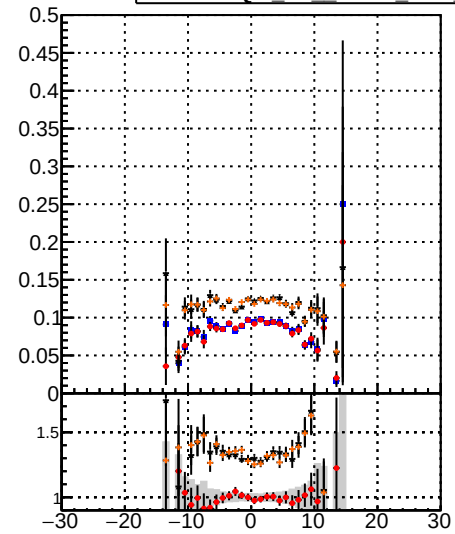
Pileup rate vs vertpos



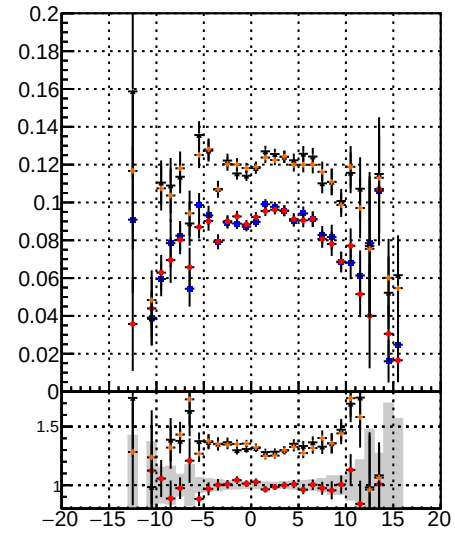
Legend:

- DOM (blue circles)
- IT (orange crosses)
- CKE (red stars)
- BDT (black dots)
- DOM (blue circles)
- IT (orange crosses)
- CKE (red stars)
- BDT (black dots)
- DOM (blue circles)
- IT (orange crosses)
- CKE (red stars)
- BDT (black dots)

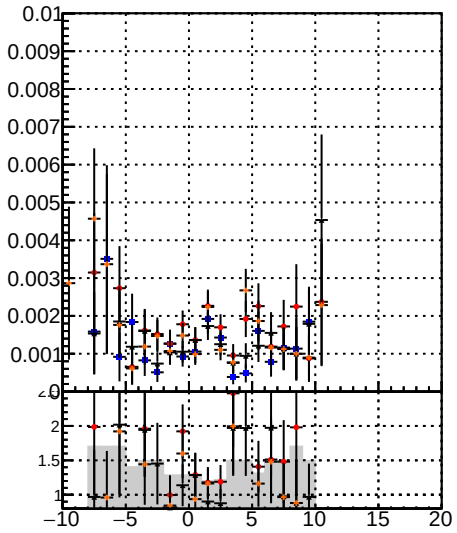
Fake rate vs v



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

