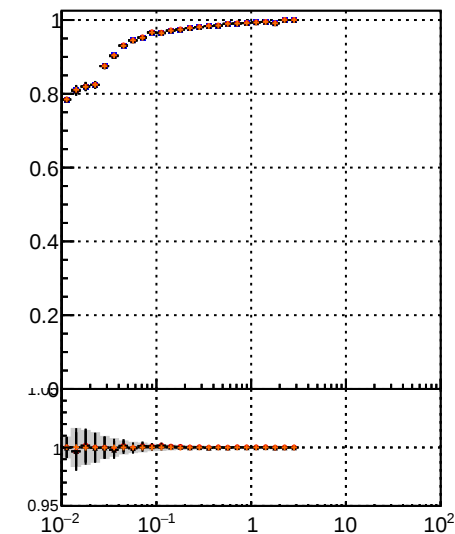
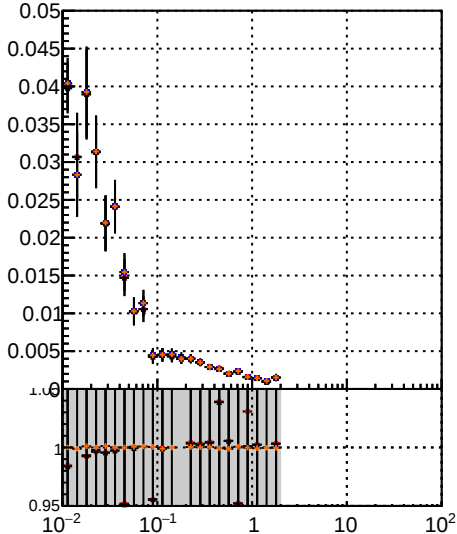


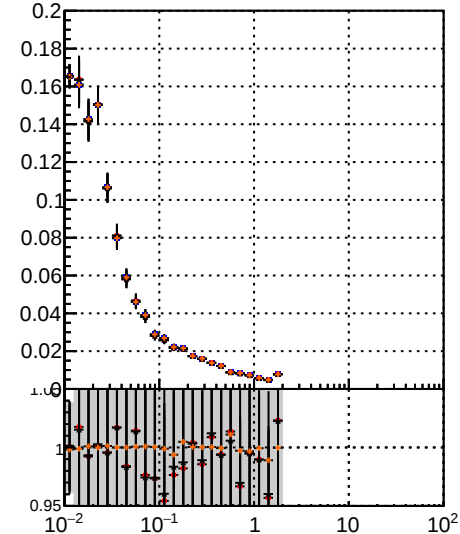
Fake rate vs vertpos



Duplicates Rate vs vertpos



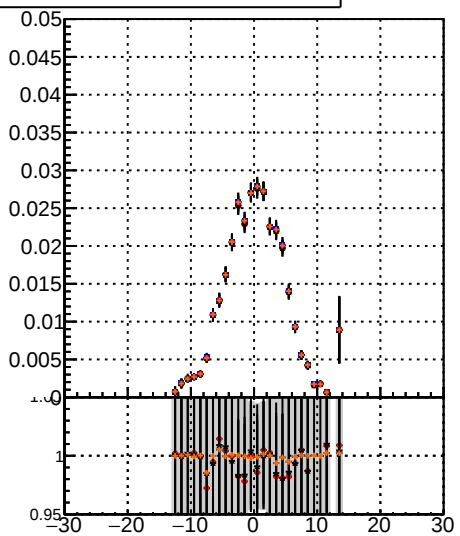
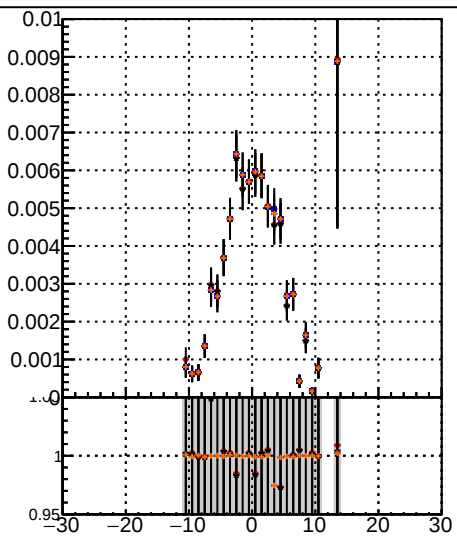
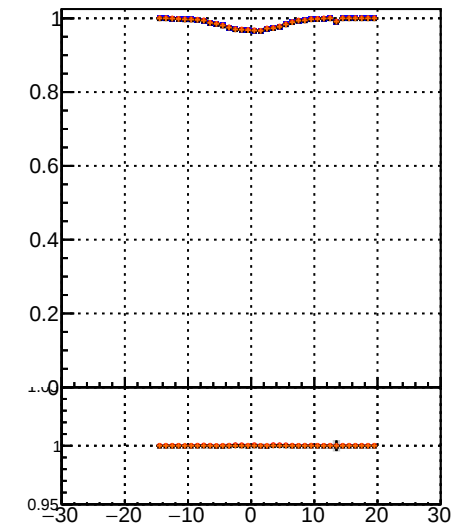
Pileup rate vs vertpos



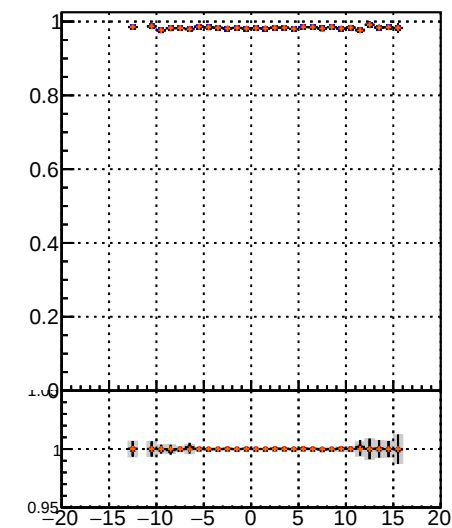
Fake rate vs $\sqrt{s}$

Legend:

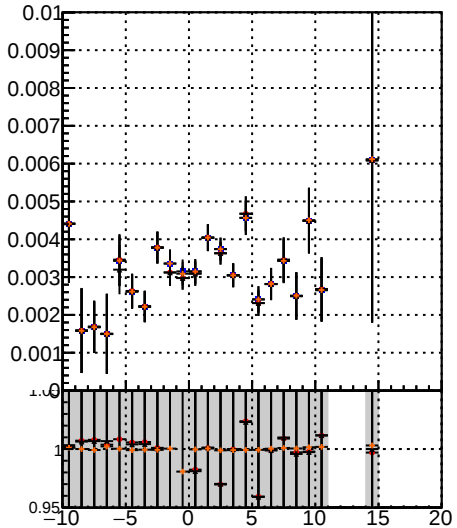
- DOM TT MS detT
- DOM TT MS detT-dpdq
- DOM TT MS detT-chi2



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

