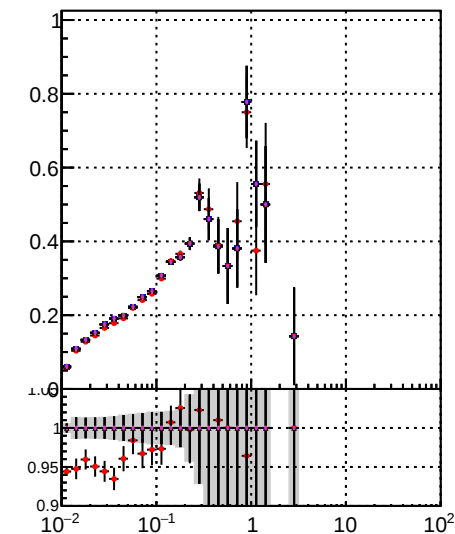
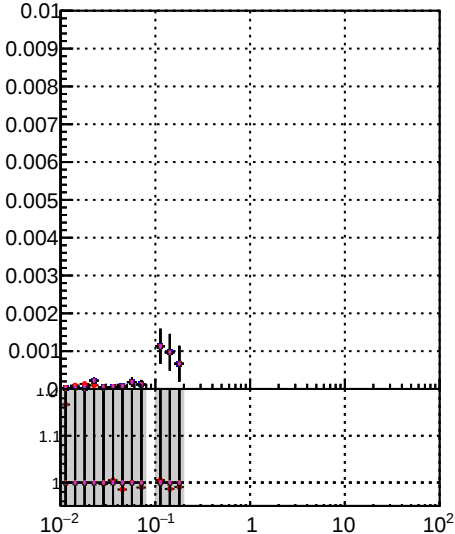


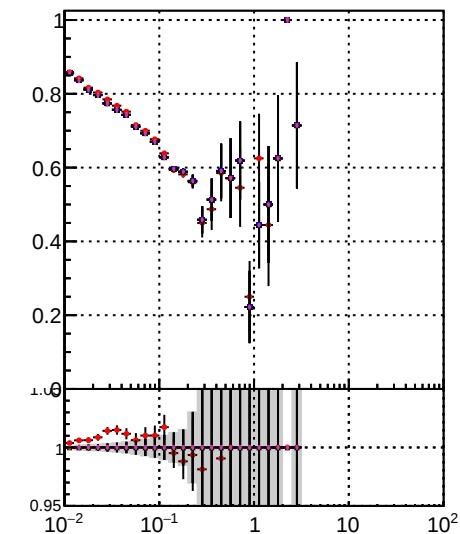
Fake rate vs vertpos



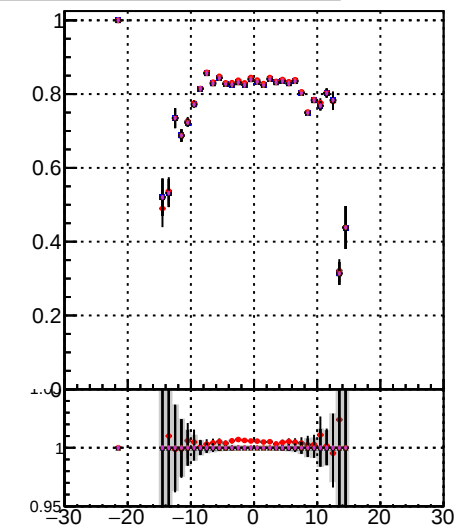
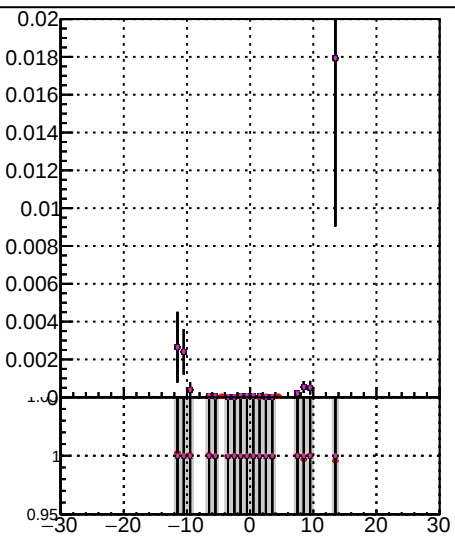
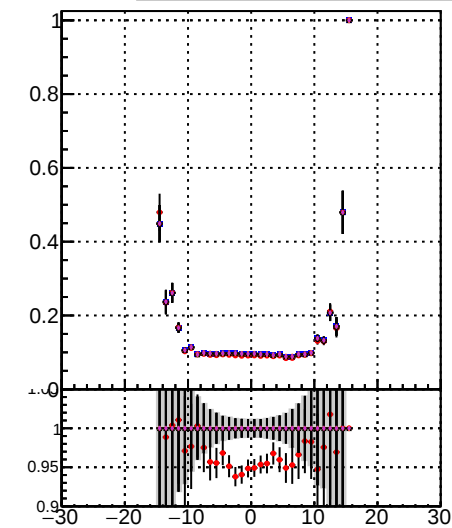
Duplicates Rate vs vertpos



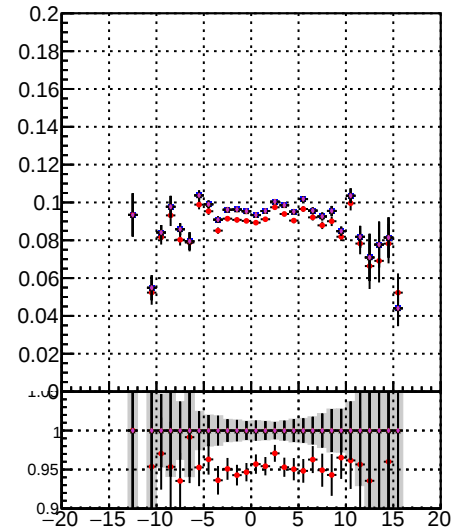
Pileup rate vs vertpos


 Fake rate vs $\sqrt{s}$

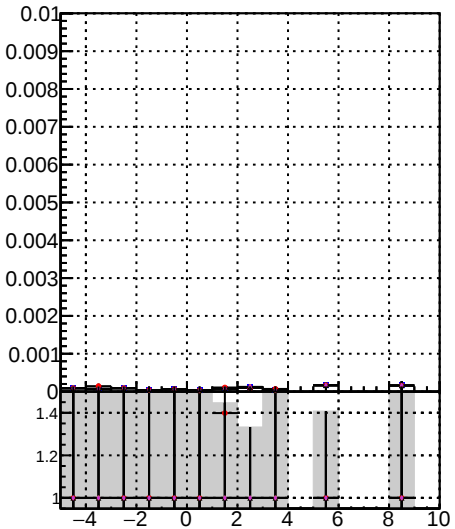
BOM
TT
MS
init
det



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

