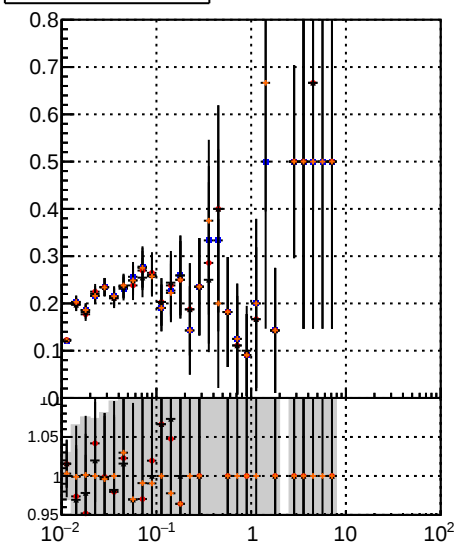


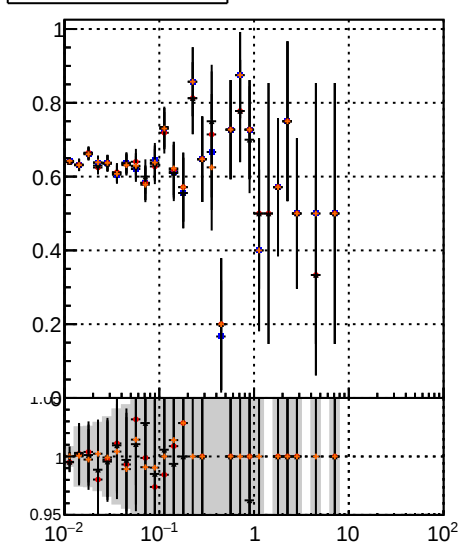
Fake rate vs vertpos



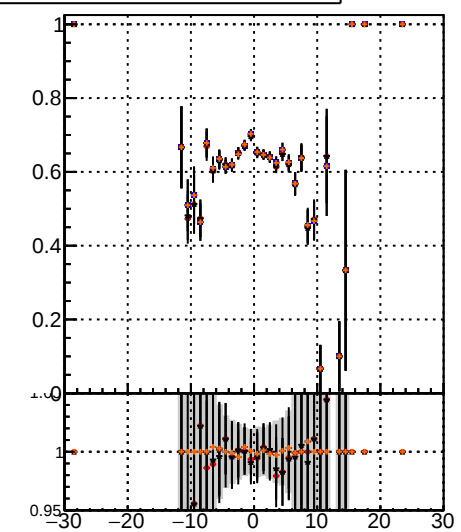
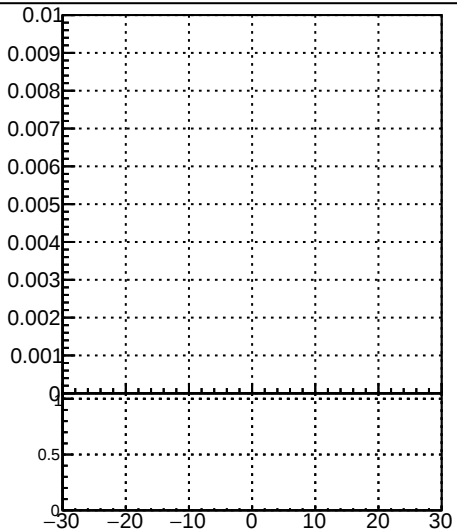
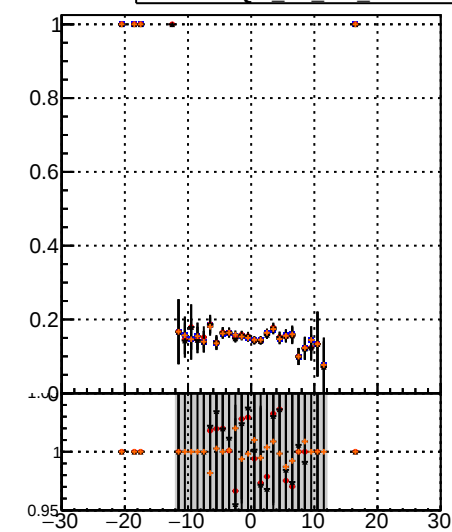
Duplicates Rate vs vertpos



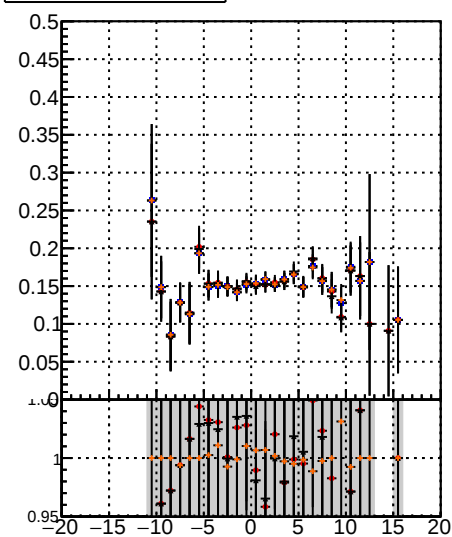
Pileup rate vs vertpos



Fake rate vs $\sqrt{s}$
 BQM TT MS detT
 BQM TT MS detT dndq
 BQM TT MS detT chi2



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

