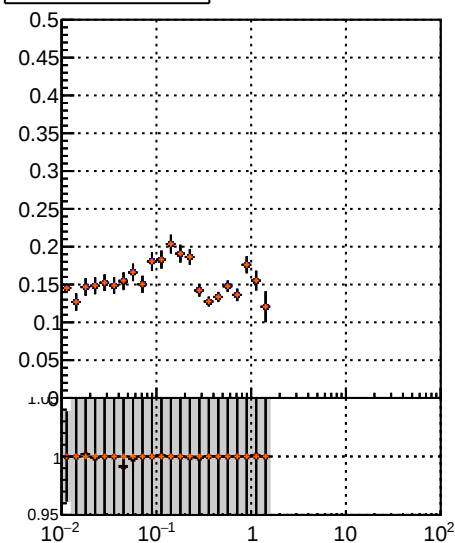
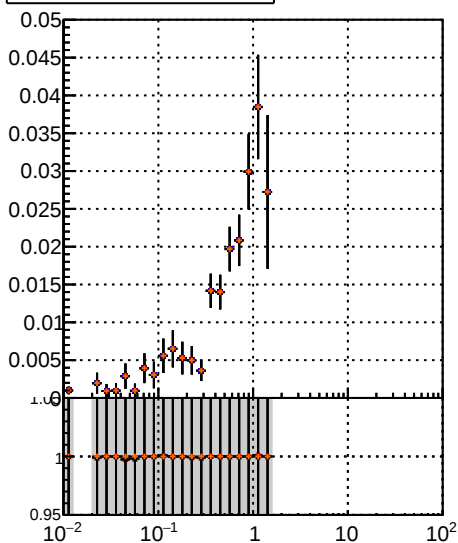


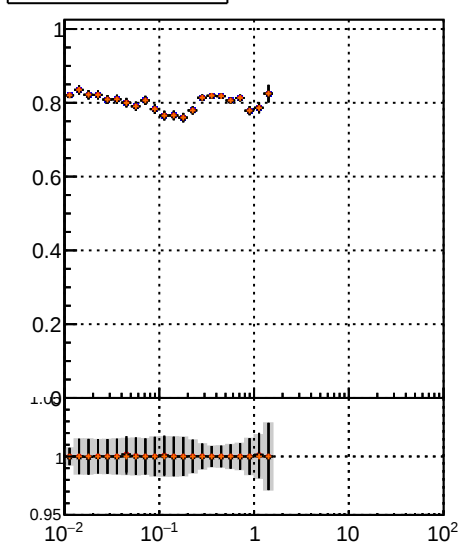
Fake rate vs vertpos



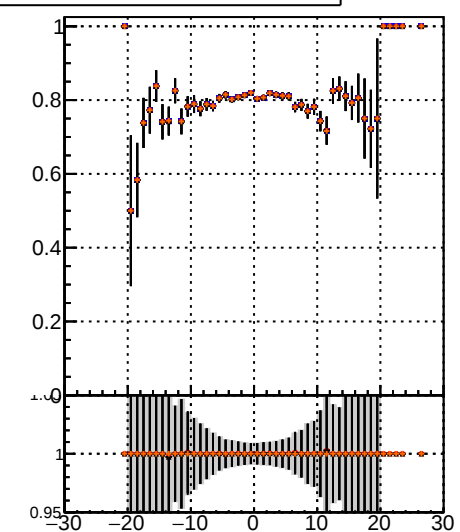
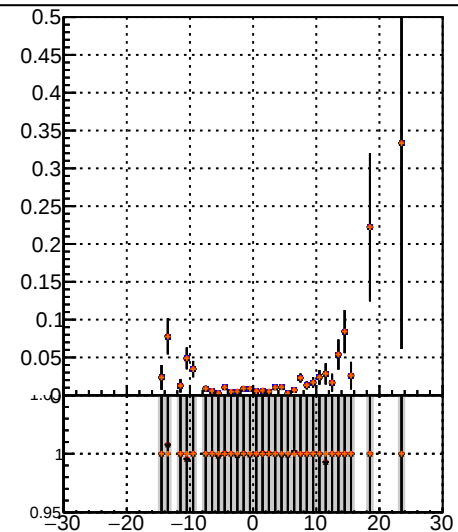
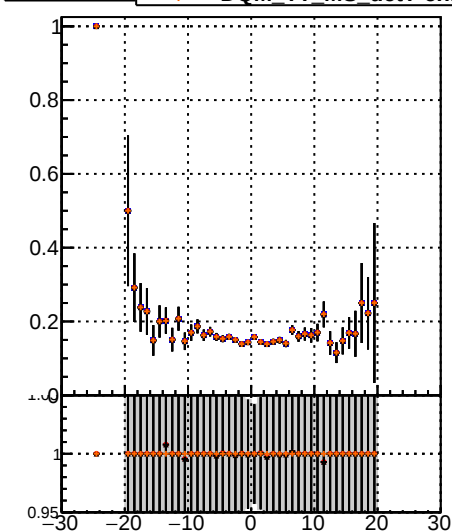
Duplicates Rate vs vertpos



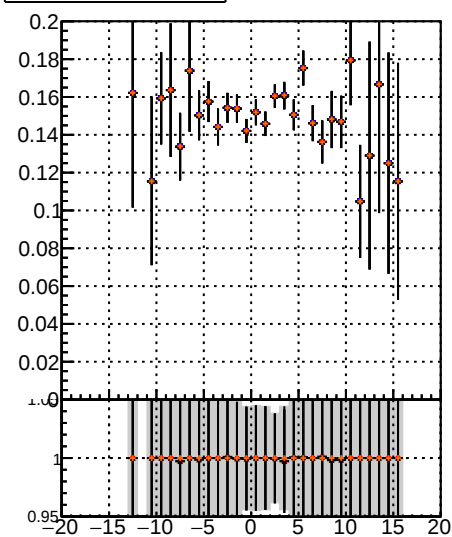
Pileup rate vs vertpos



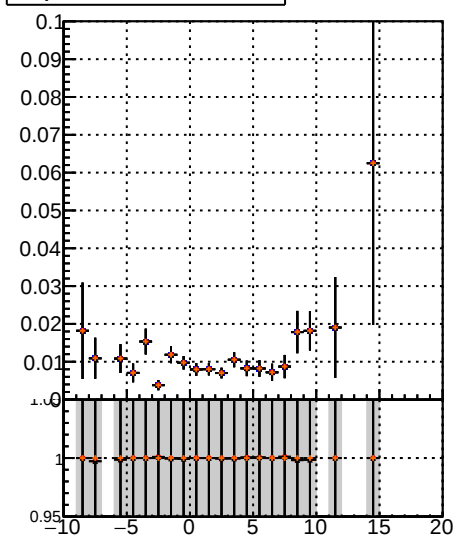
Fake rate vs v
 Legend: $\text{BQM TT MS detT dpgd}$
 $\text{BQM TT MS detT-chi2}$



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

