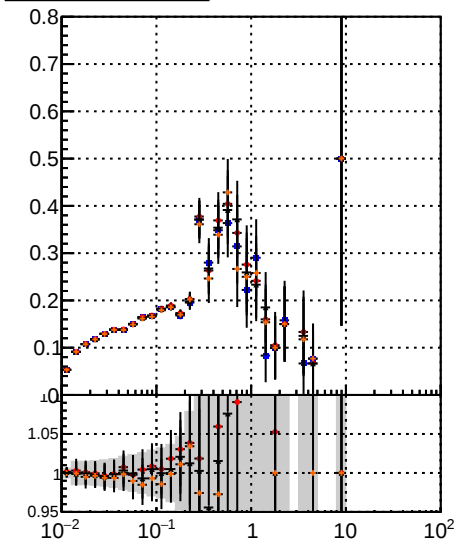
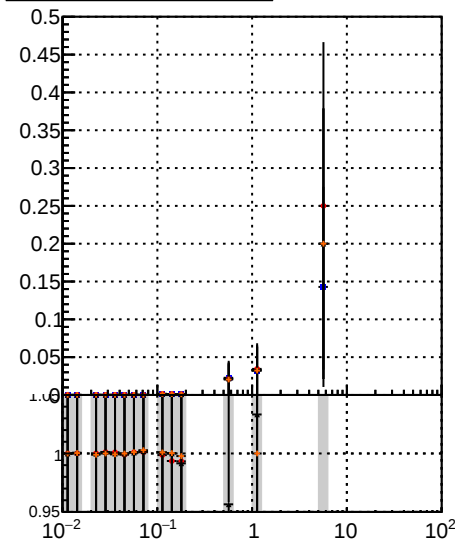


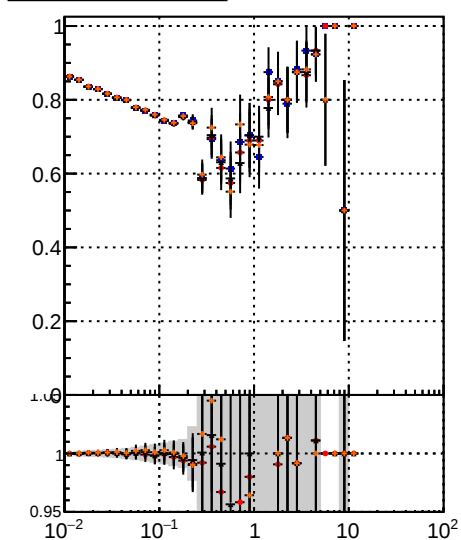
Fake rate vs vertpos



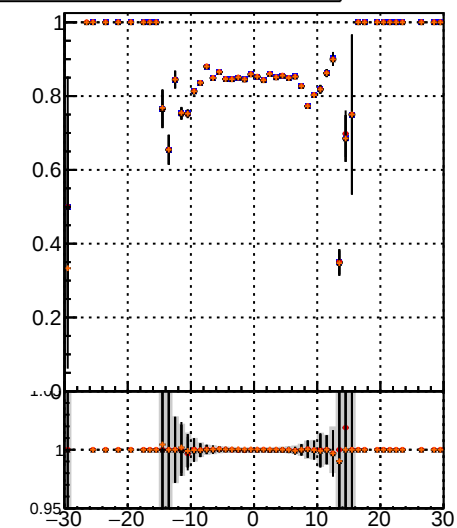
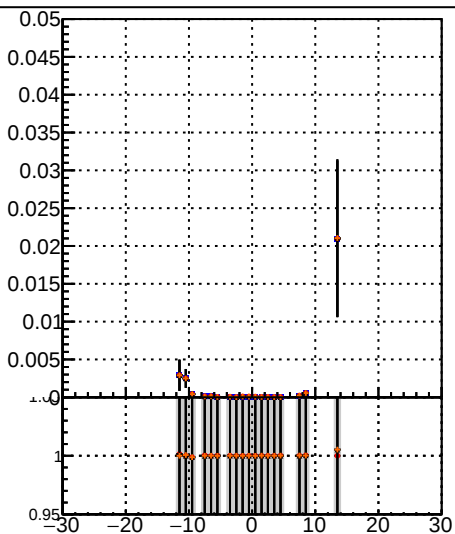
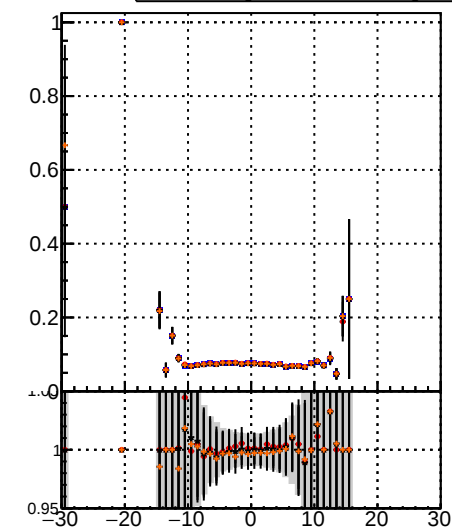
Duplicates Rate vs vertpos



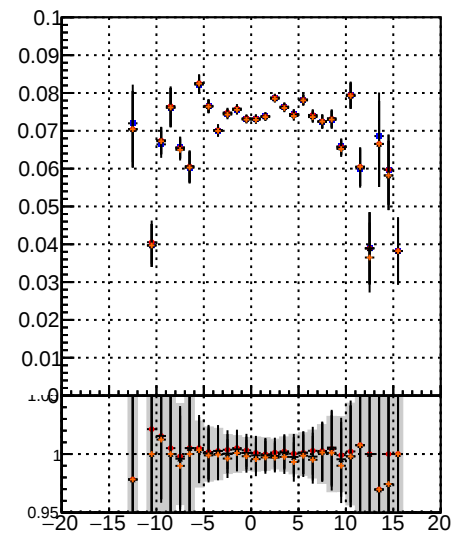
Pileup rate vs vertpos



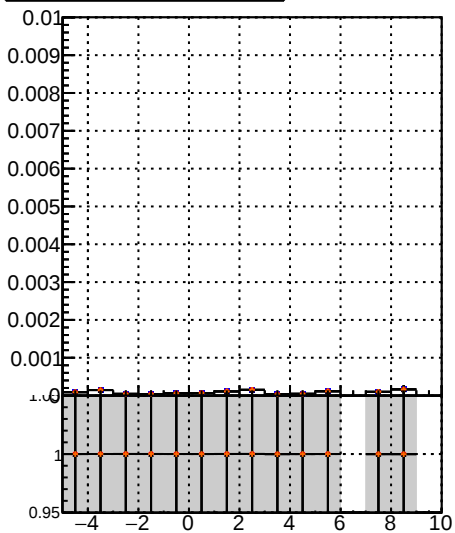
BQM TT MS det0  
 BQM TT MS det01  
 BQM TT MS det09

 Fake rate vs v


Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

