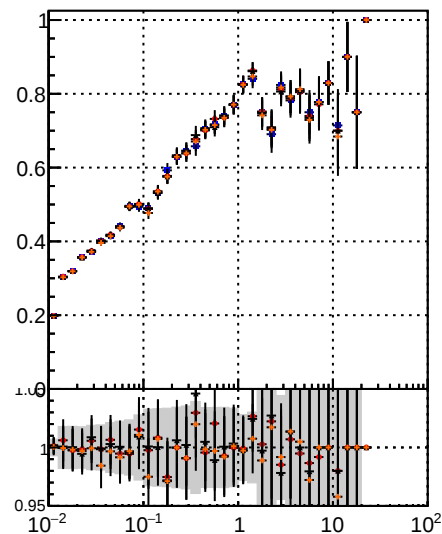
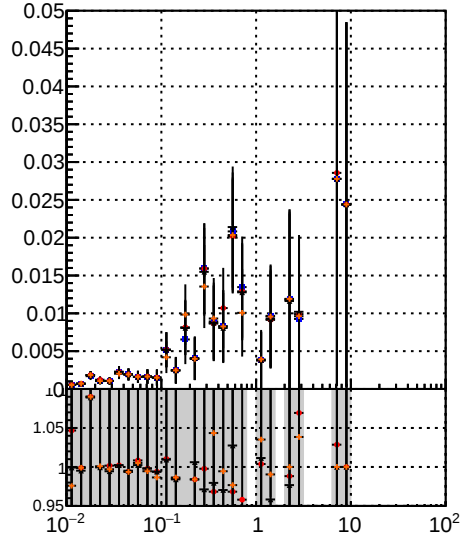


Fake rate vs vertpos



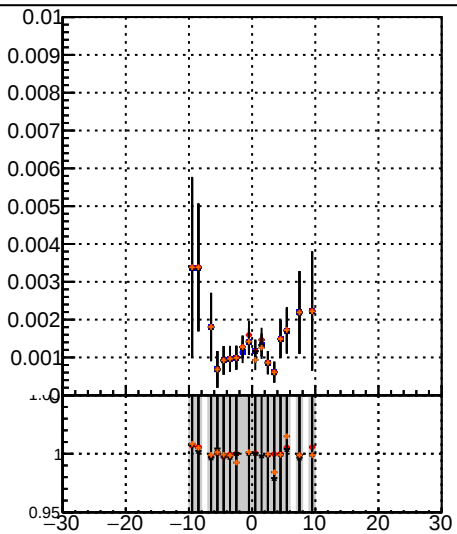
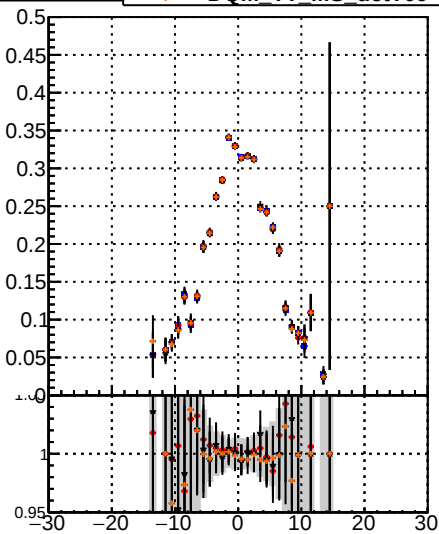
Duplicates Rate vs vertpos



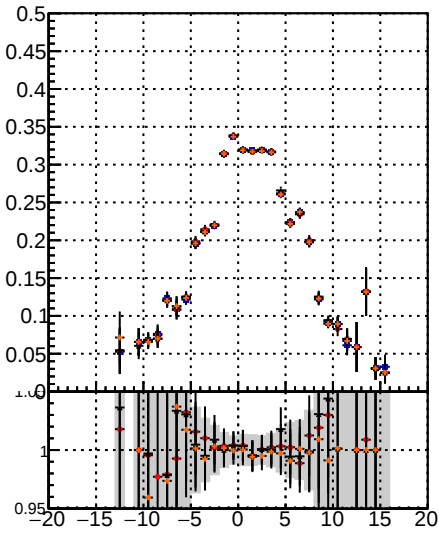
Pileup rate vs vertpos



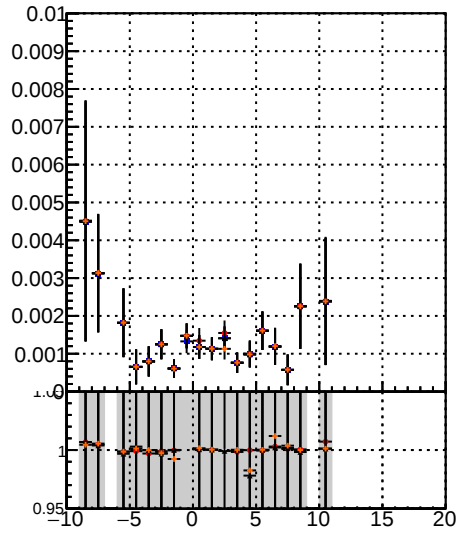
Fake rate vs $\sqrt{s}$
 DQM TT MS detT
 DQM TT MS detT1
 DQM TT MS detT109



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

