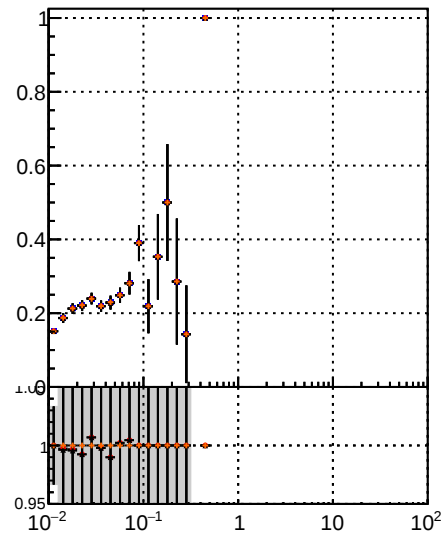
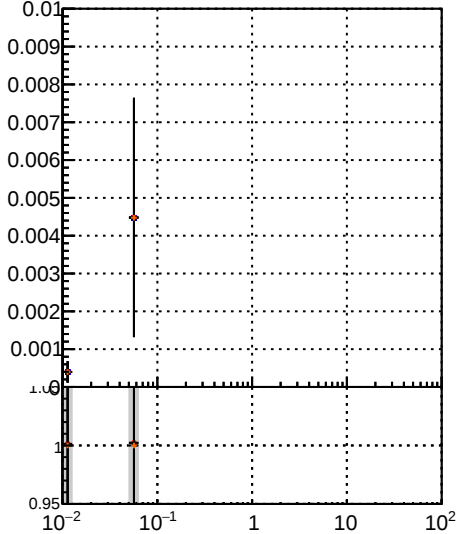


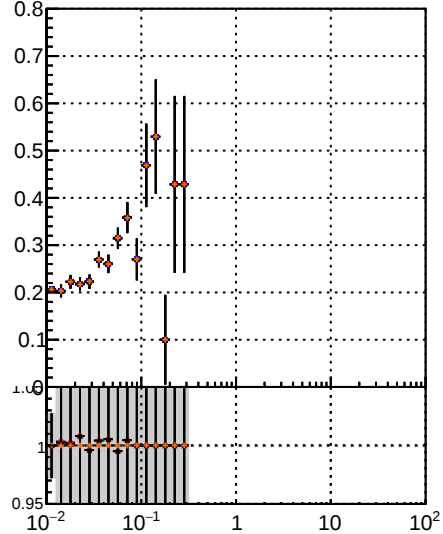
Fake rate vs vertpos



Duplicates Rate vs vertpos

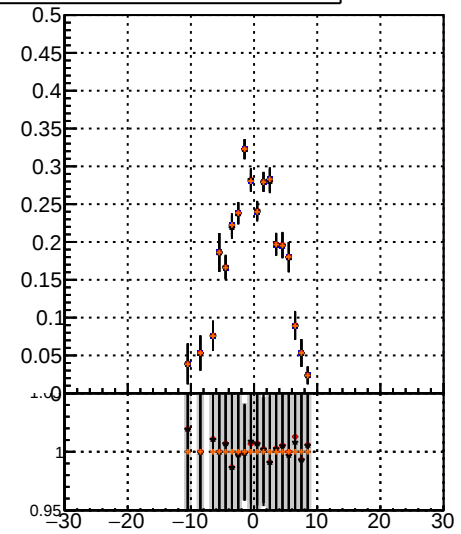
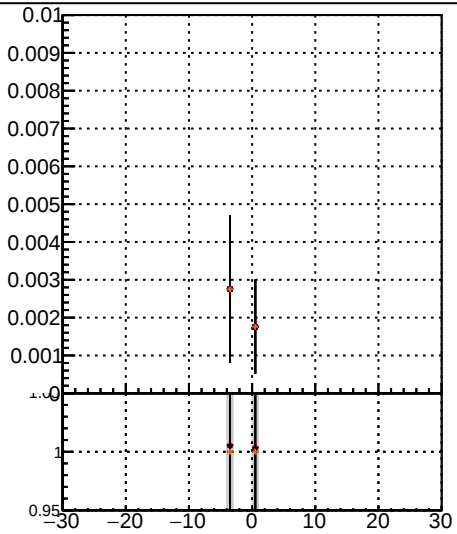
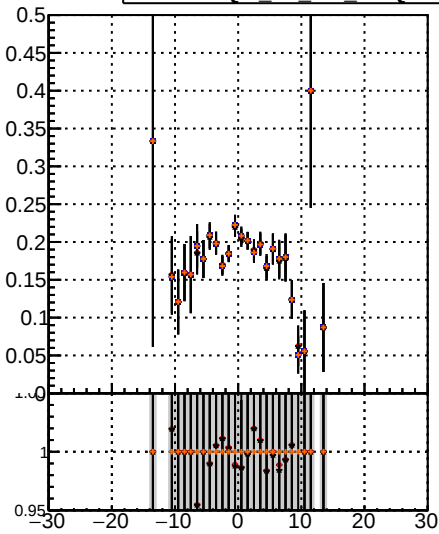


Pileup rate vs vertpos

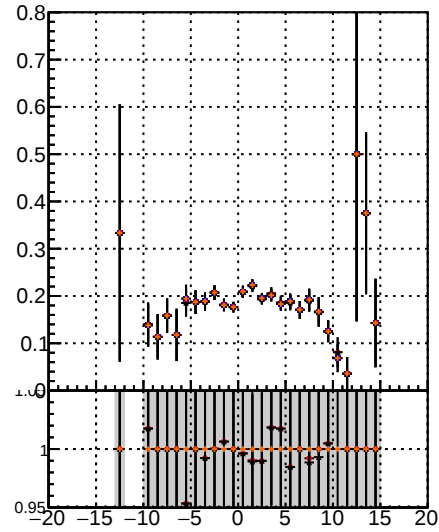

 Fake rate vs $\sqrt{s}$

$\overline{B}0M$ TT MS
 $\overline{B}0M$ TT MS det0
 $\overline{B}0M$ TT MS det0-dpdq
 $\overline{B}0M$ TT MS det0-chiz

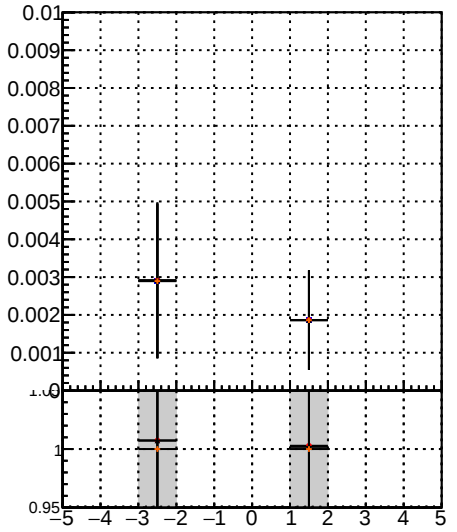
$\overline{B}0M$ TT MS
 $\overline{B}0M$ TT MS det0
 $\overline{B}0M$ TT MS det0-dpdq
 $\overline{B}0M$ TT MS det0-chiz



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

