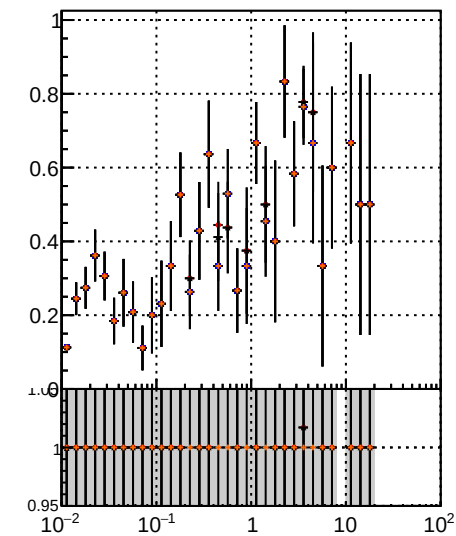
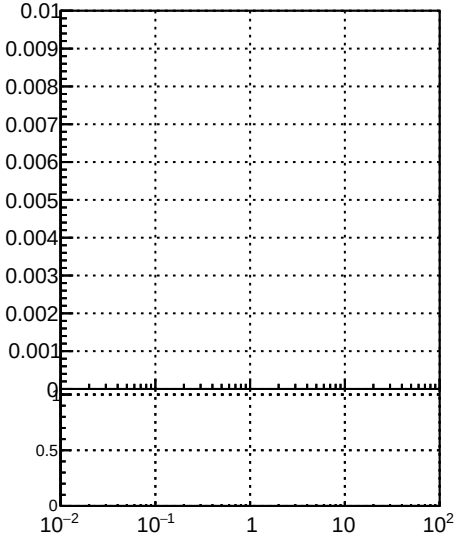


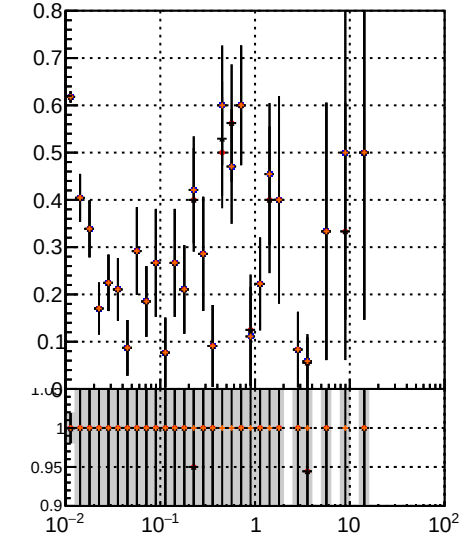
Fake rate vs vertpos



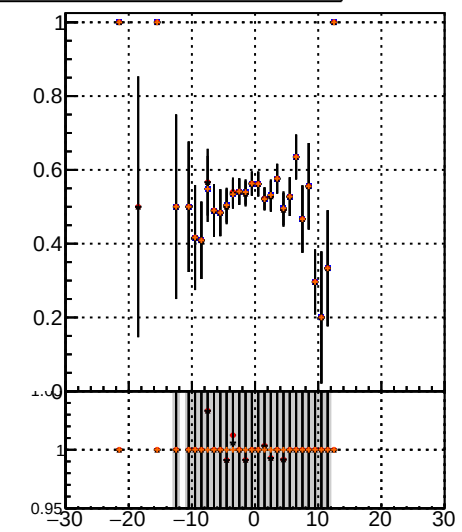
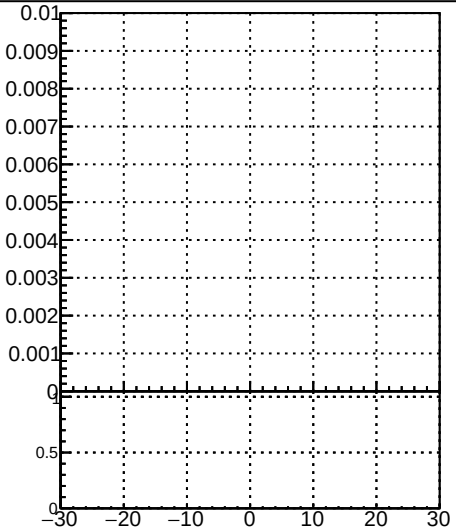
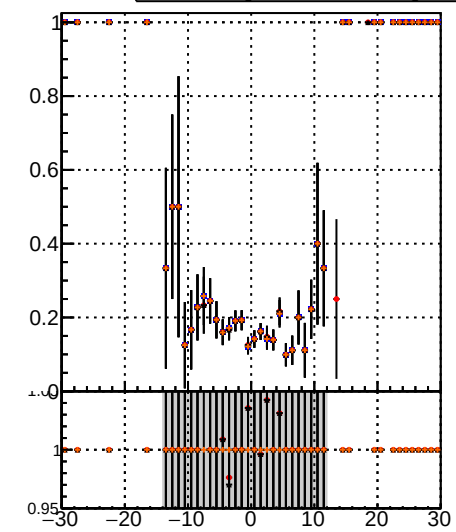
Duplicates Rate vs vertpos



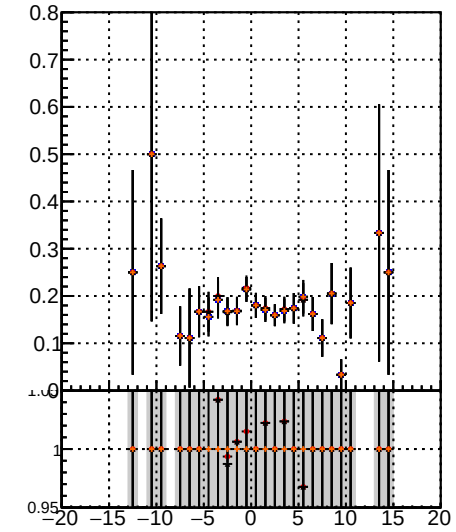
Pileup rate vs vertpos



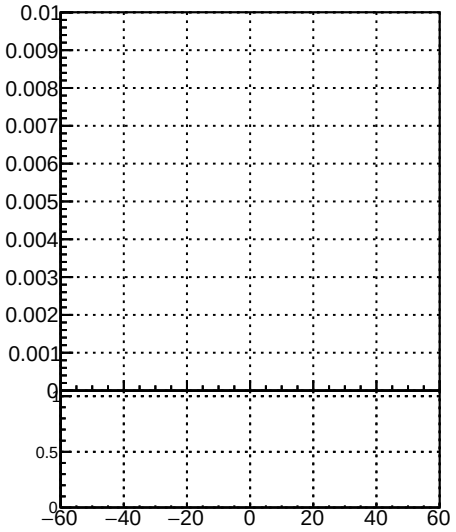
Legend:
 - $\bullet$ $\text{BQM TT MS det0-dpdq}$
 - $\bullet$ $\text{BQM TT MS det0-chiz}$
 - $\bullet$ $\text{BQM TT MS det0-dpdq}$
 - $\bullet$ $\text{BQM TT MS det0-chiz}$



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

