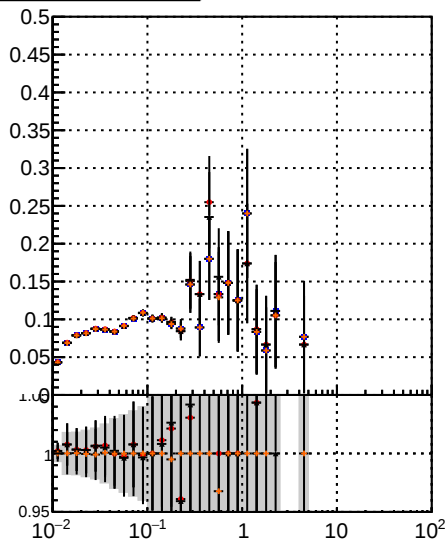
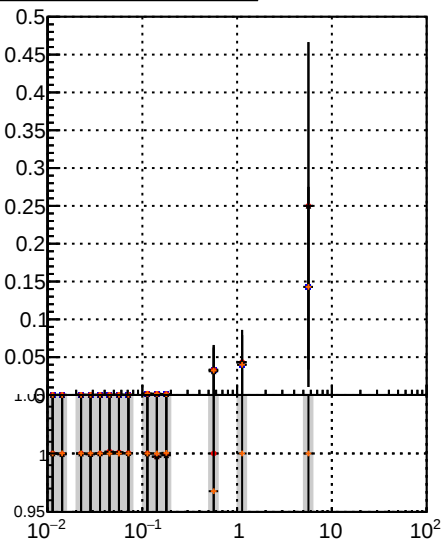


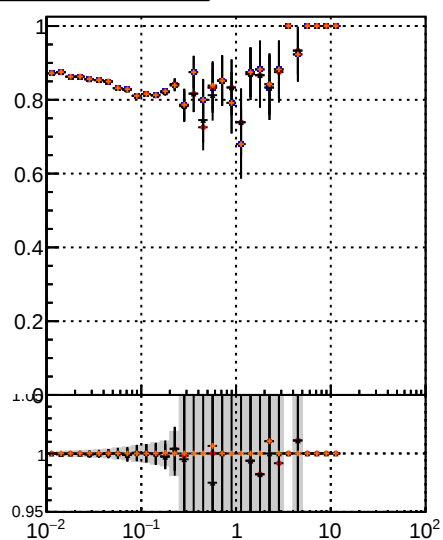
Fake rate vs vertpos



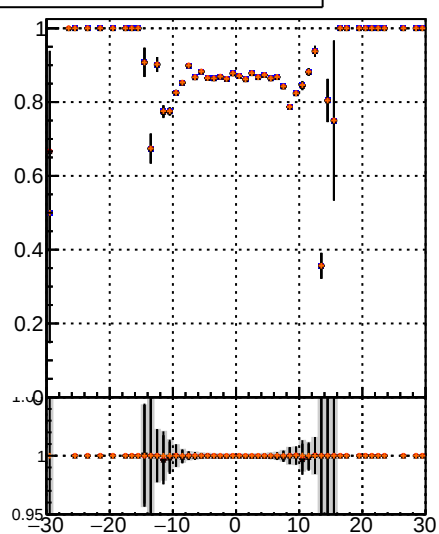
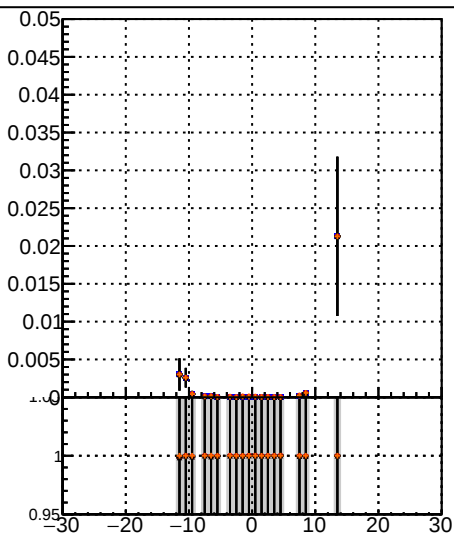
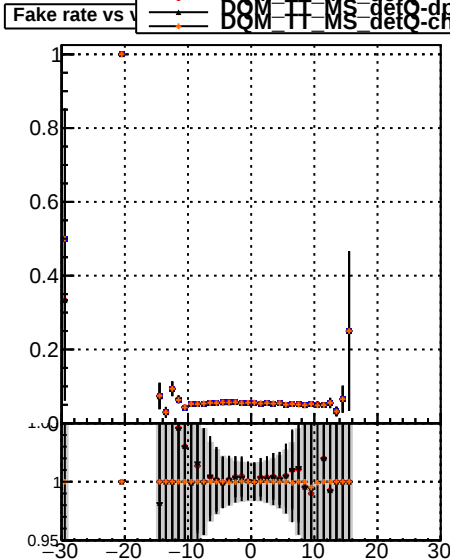
Duplicates Rate vs vertpos



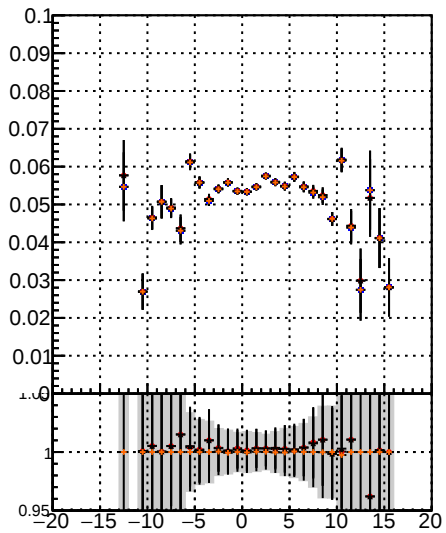
Pileup rate vs vertpos



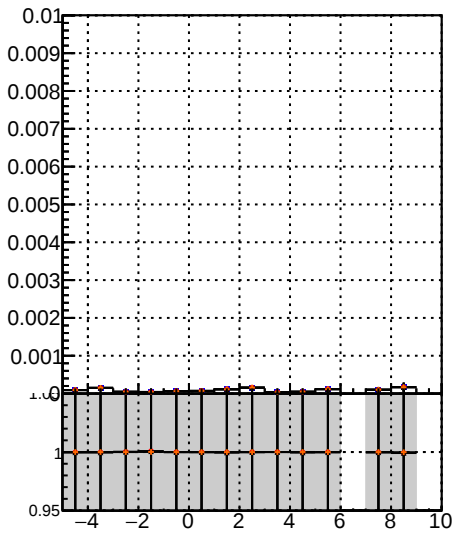
Legend:
 - $\bullet$ BQM TT MS det0
 - $\circ$ BQM TT MS det0-dpdq
 - $\times$ BQM TT MS det0-chiz



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

