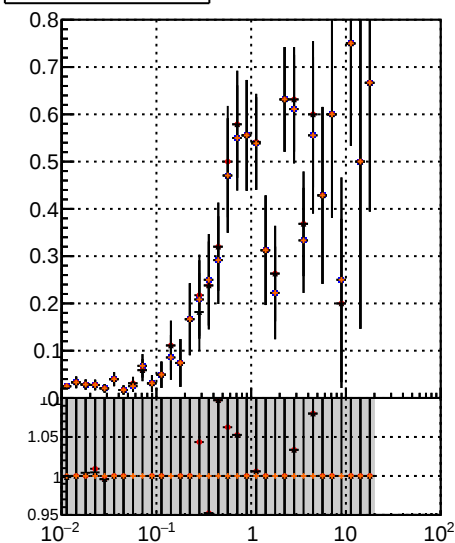
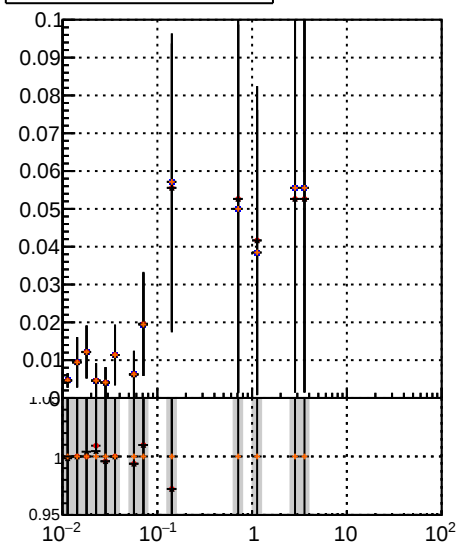


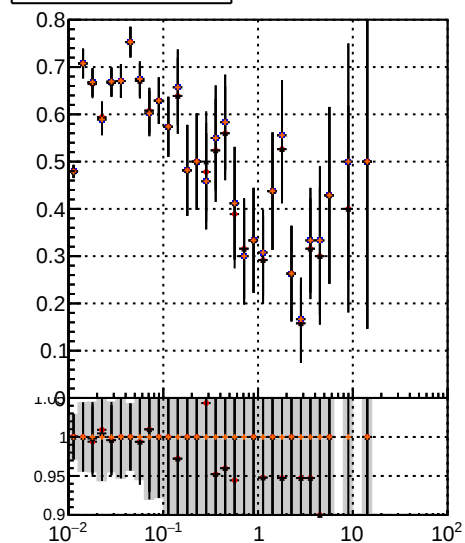
Fake rate vs vertpos



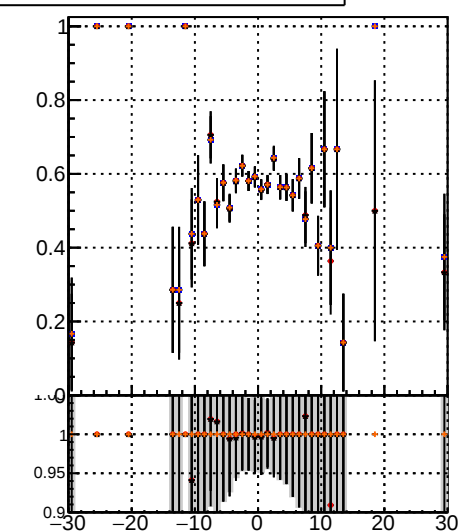
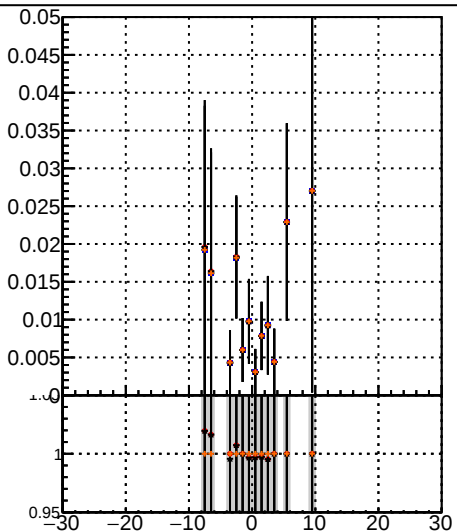
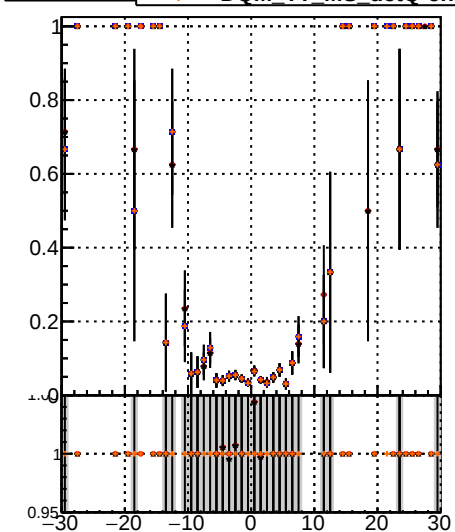
Duplicates Rate vs vertpos



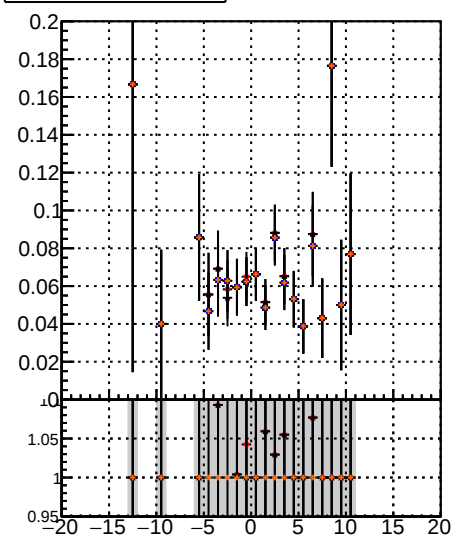
Pileup rate vs vertpos



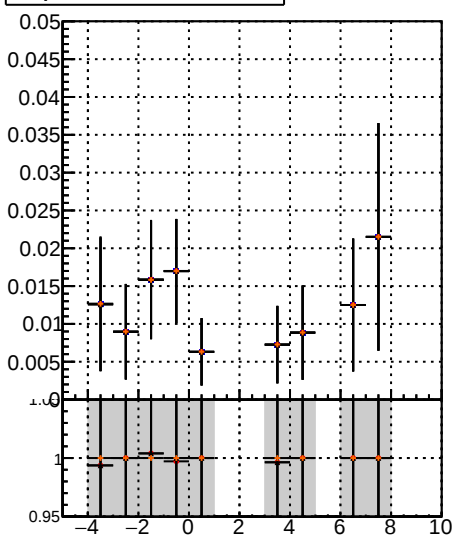
Legend:
 - $\bullet$ $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det0 dpdq
 - $\bullet$ $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det0 chiz
 - $\bullet$ $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ det0 chiz



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

