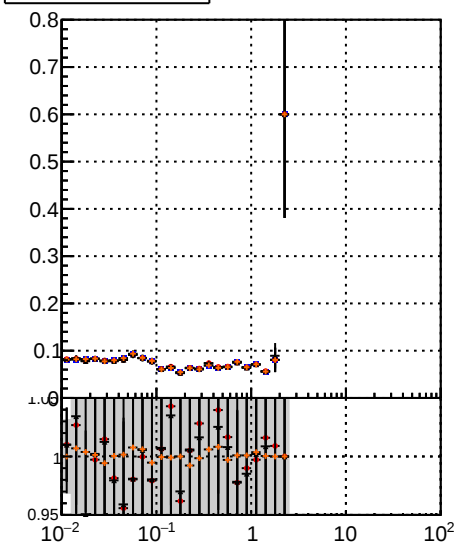
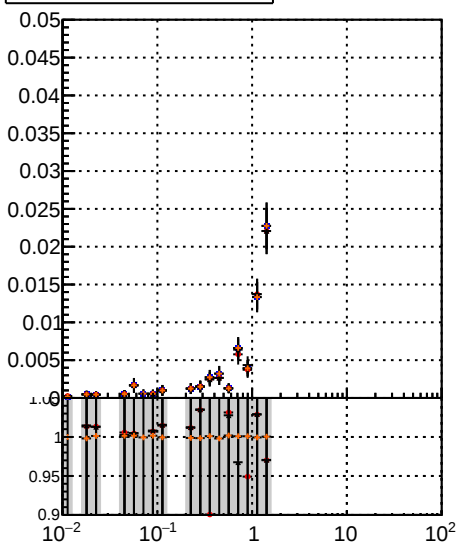


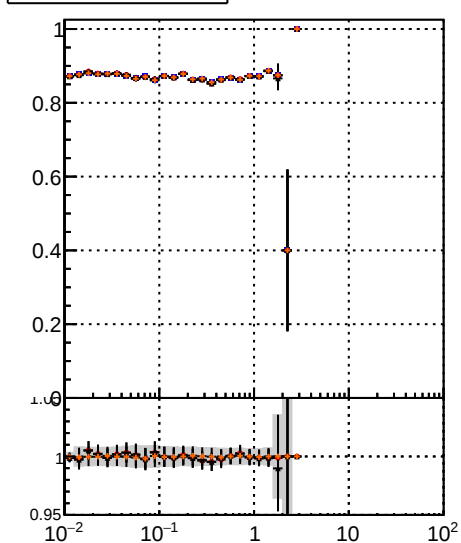
Fake rate vs vertpos



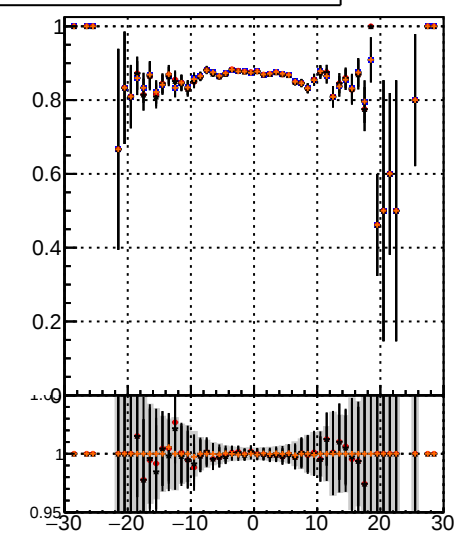
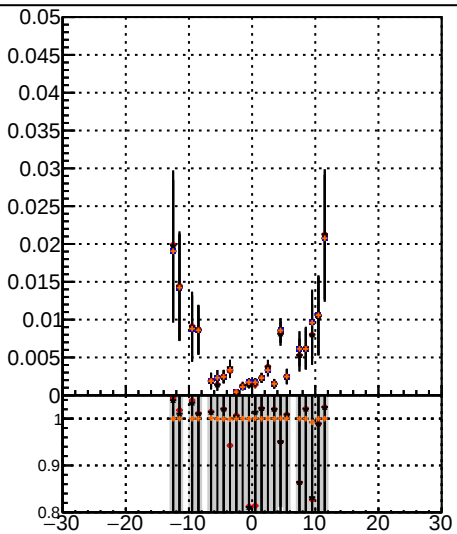
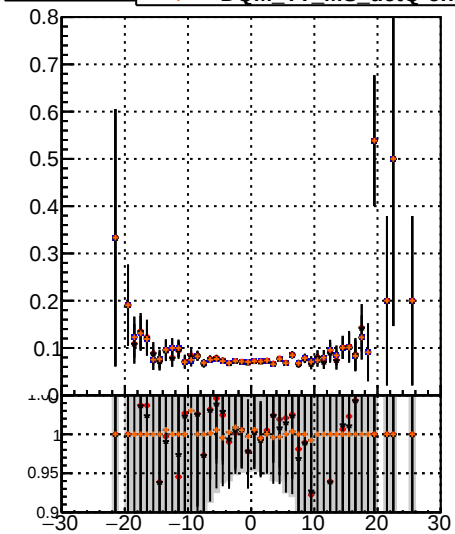
Duplicates Rate vs vertpos



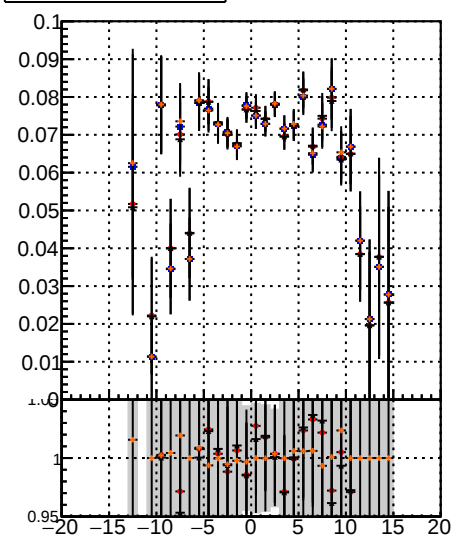
Pileup rate vs vertpos



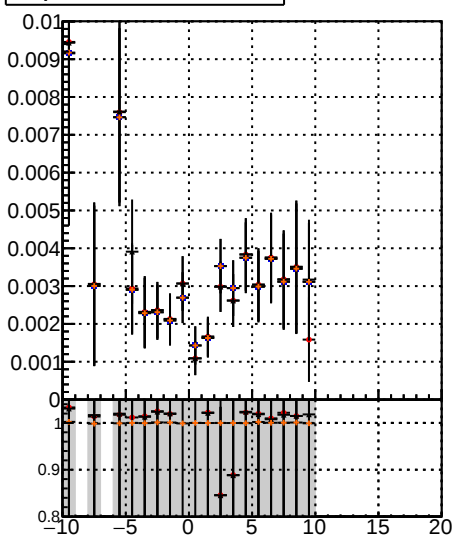
Legend:
 - $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS} \rightarrow \text{det0} \rightarrow \text{dpdq}$ (blue line with dots)
 - $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS} \rightarrow \text{det0} \rightarrow \text{chiz}$ (red line with dots)
 - $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS} \rightarrow \text{det0} \rightarrow \text{chiz}$ (orange line with dots)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

