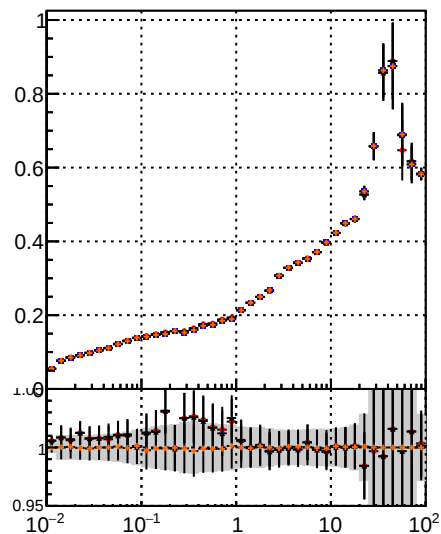
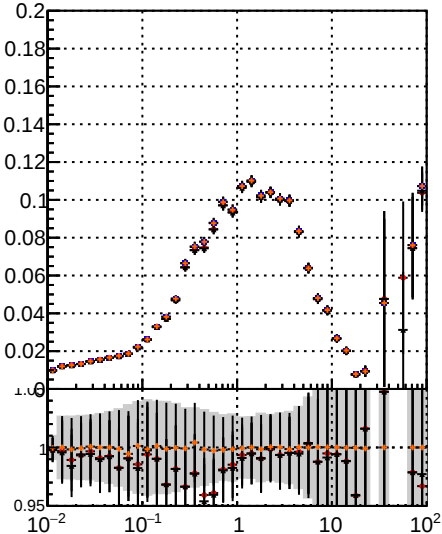


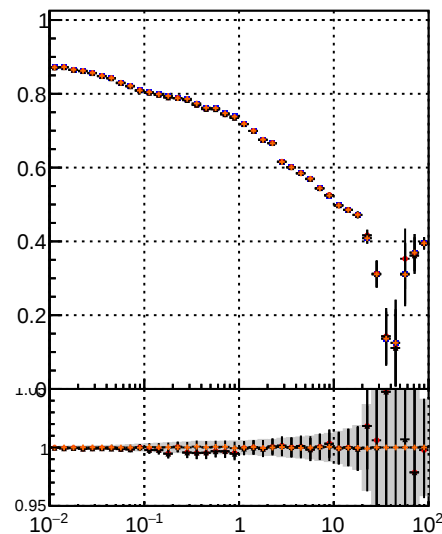
Fake rate vs vertpos



Duplicates Rate vs vertpos



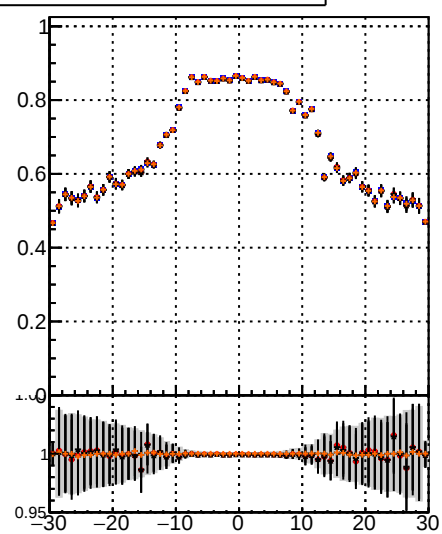
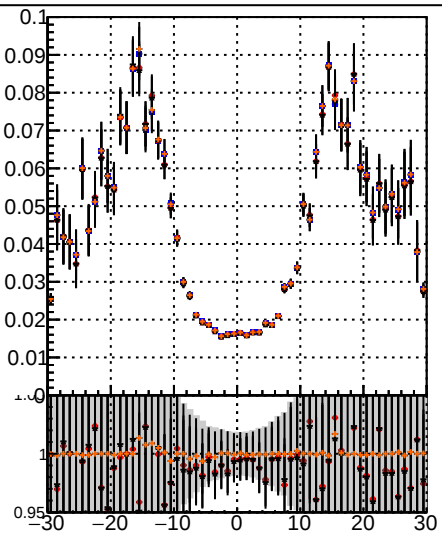
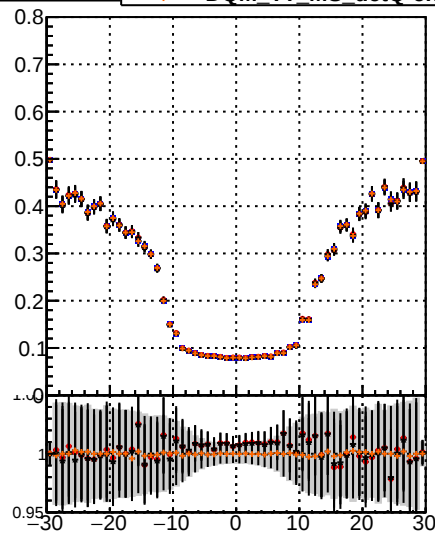
Pileup rate vs vertpos



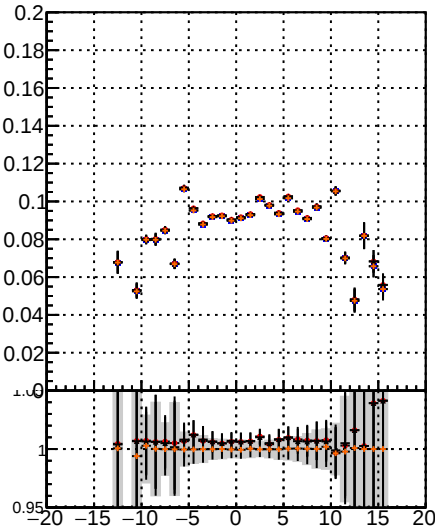
Fake rate vs $\sqrt{s}$

Legend:

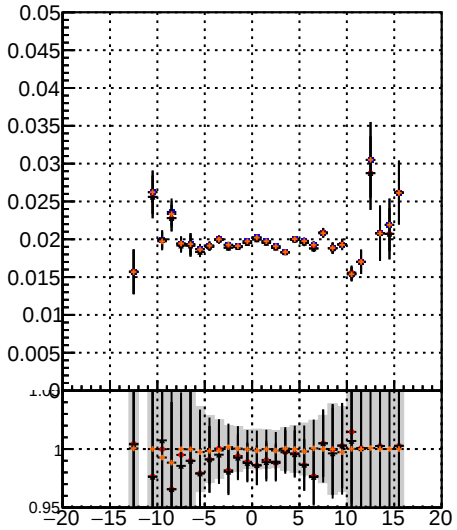
- $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS}$ (blue line)
- $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS} \rightarrow \text{det0-dpdq}$ (red line)
- $\text{BQM} \rightarrow \text{TT} \rightarrow \text{MS} \rightarrow \text{det0-chiz}$ (orange line)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

