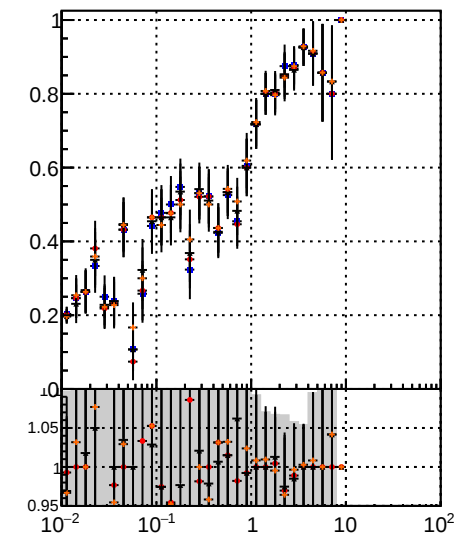


Fake rate vs vertpos



Duplicates Rate vs vertpos



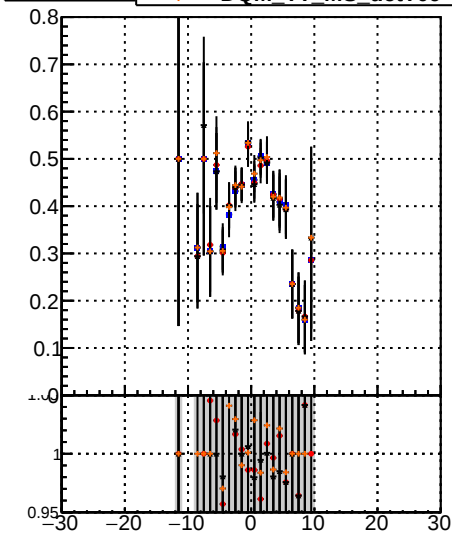
Pileup rate vs vertpos



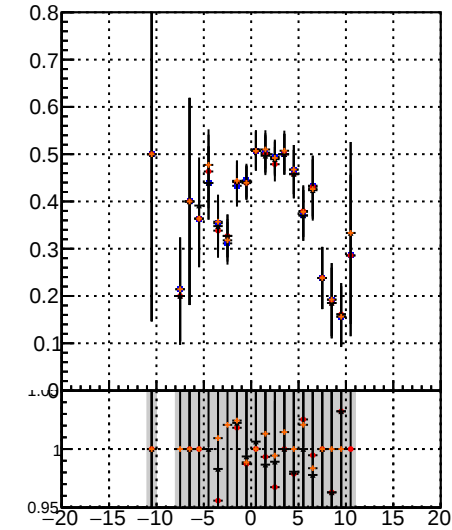
Fake rate vs $\sqrt{s}$

Legend:

- BQM TT MS detT (blue)
- BQM TT MS detT1 (red)
- BQM TT MS detT09 (orange)
- BQM TT MS detT109 (grey)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

