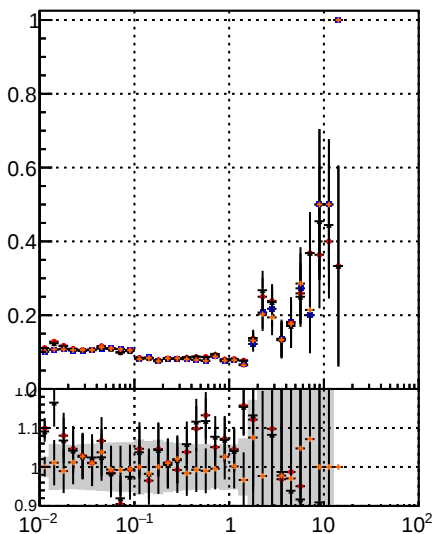
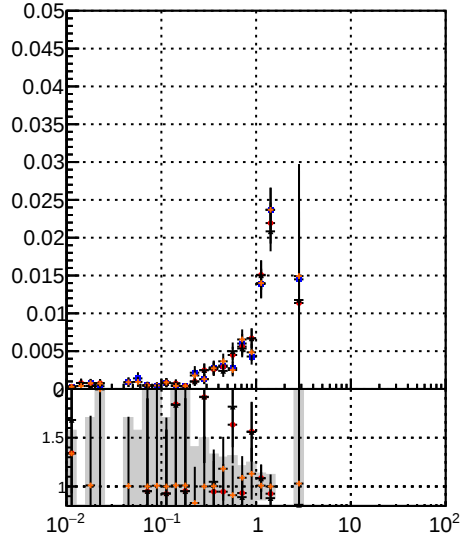


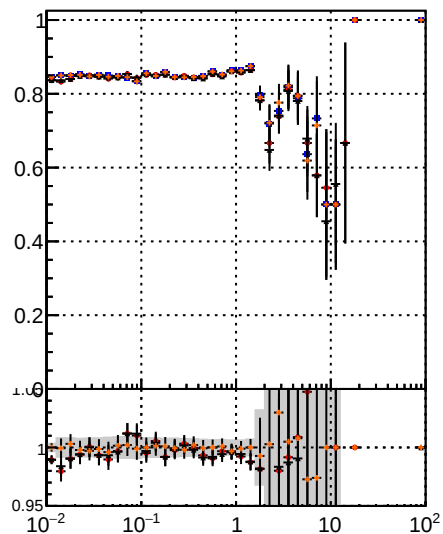
Fake rate vs vertpos



Duplicates Rate vs vertpos



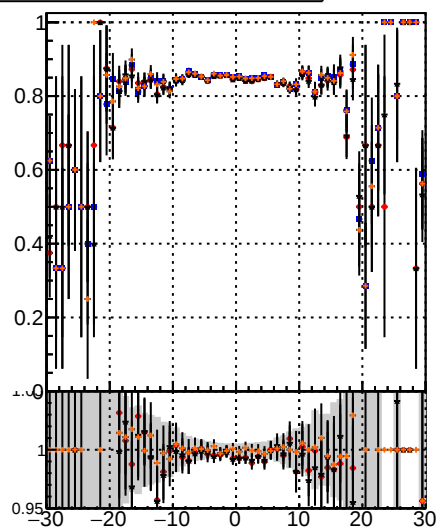
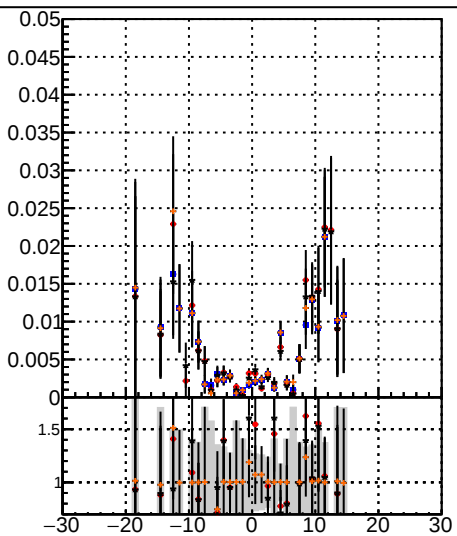
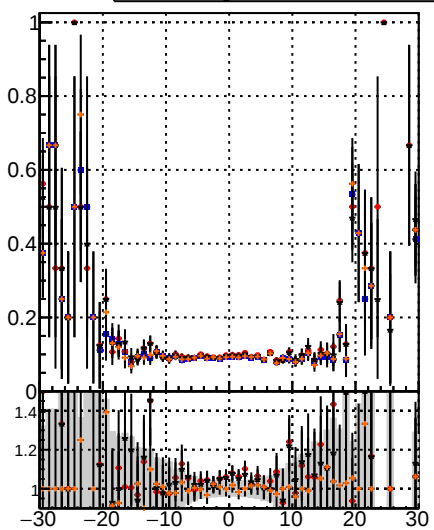
Pileup rate vs vertpos



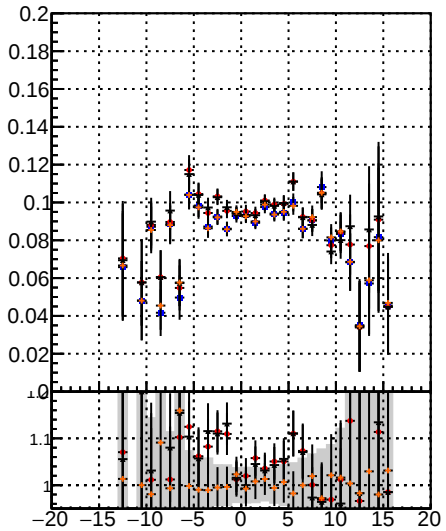
Fake rate vs $\sqrt{s}$

Legend:

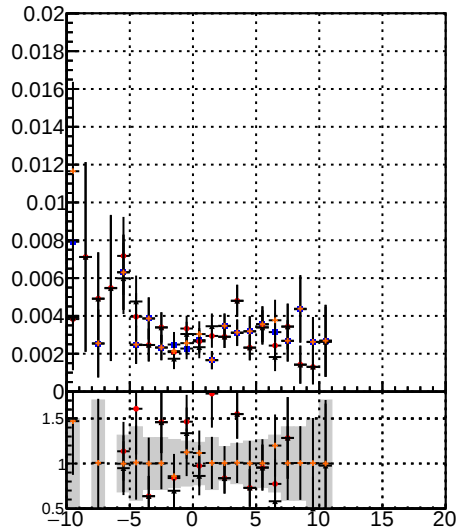
- BQM TT MS detT (blue squares)
- BQM TT MS detT-dpdq (red circles)
- BQM TT MS detT-chi2 (orange triangles)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

