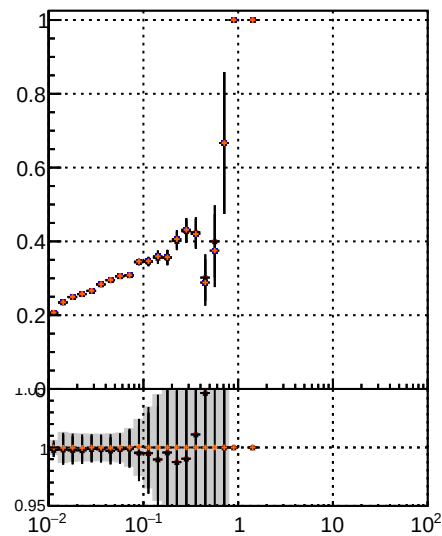
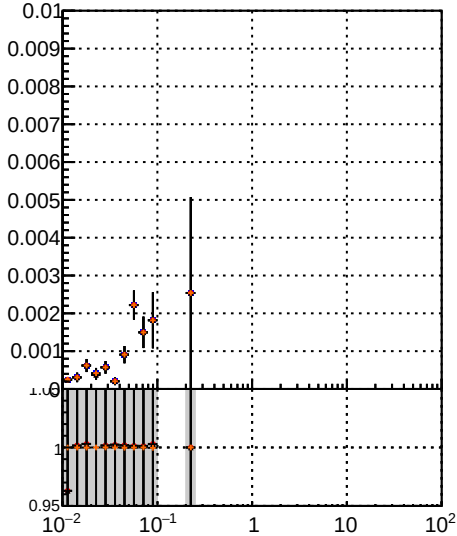


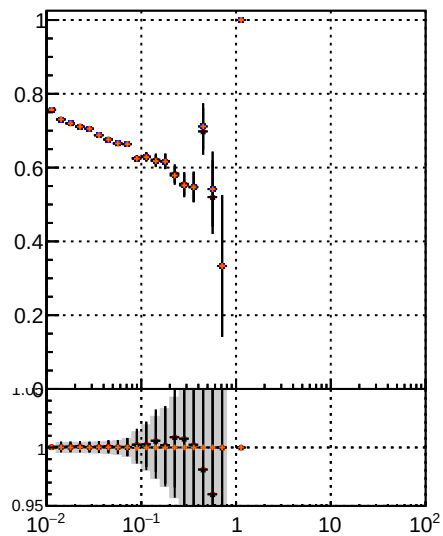
Fake rate vs vertpos



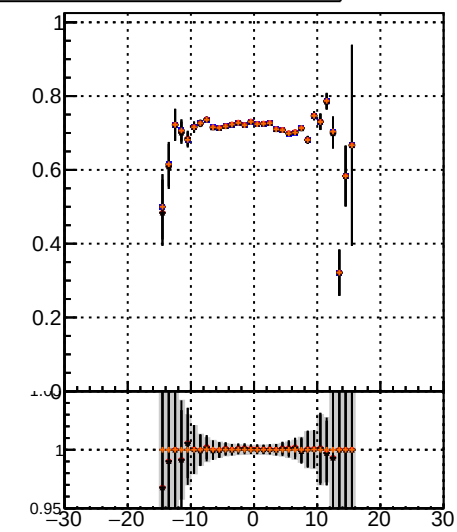
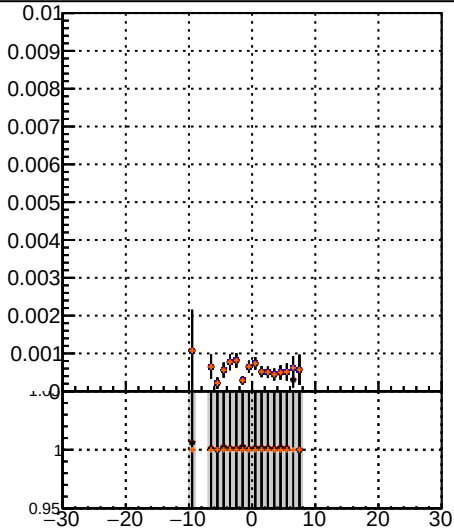
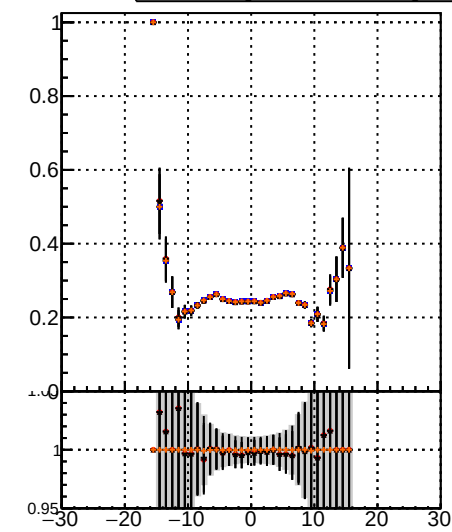
Duplicates Rate vs vertpos



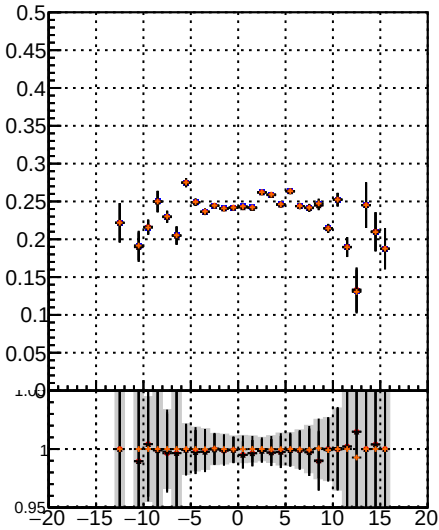
Pileup rate vs vertpos



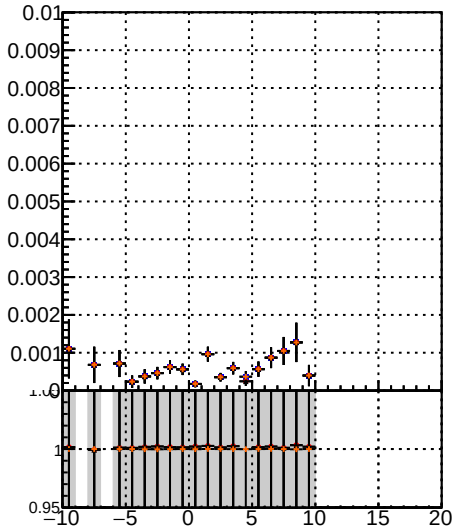
Legend:
 - $\text{BQM TT MS det0-dpdq}$ (blue line with circles)
 - $\text{BQM TT MS det0-chiz}$ (red line with circles)
 - $\text{BQM TT MS det0-chiz}$ (black line with circles)
 - $\text{BQM TT MS det0-chiz}$ (orange line with circles)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

