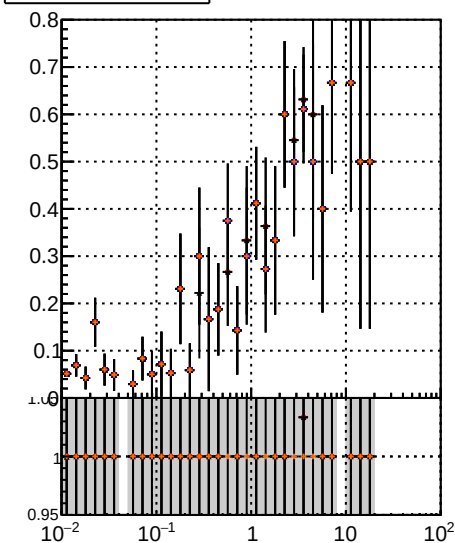
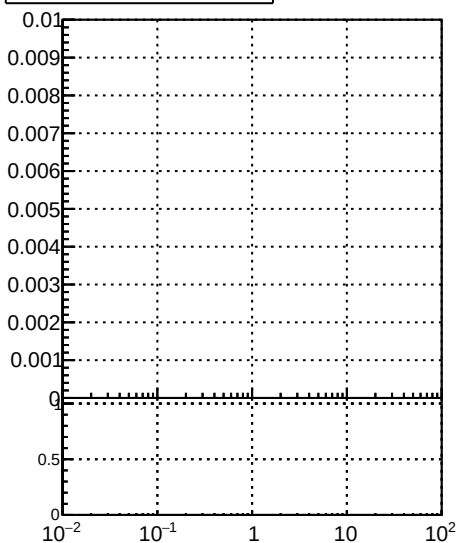


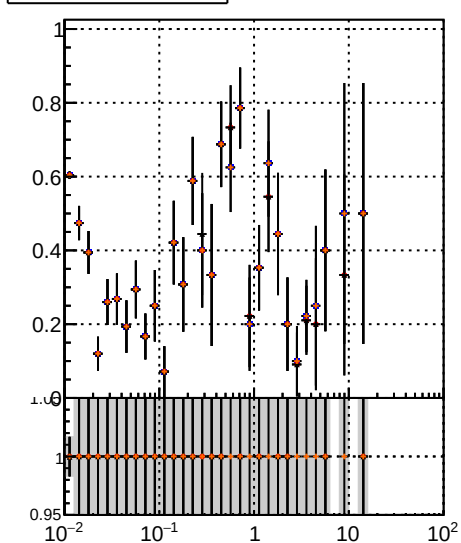
Fake rate vs vertpos



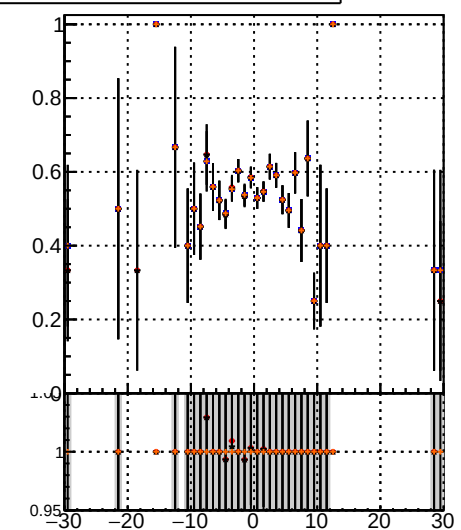
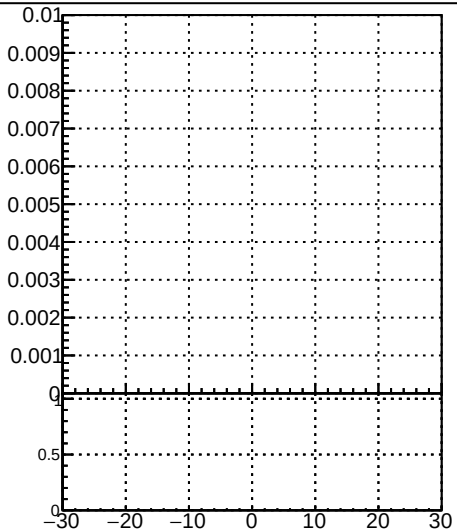
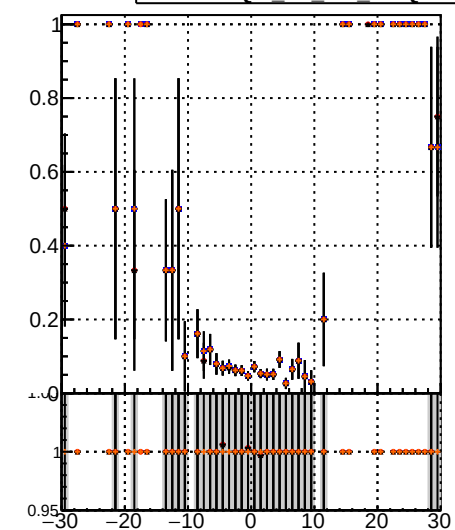
Duplicates Rate vs vertpos



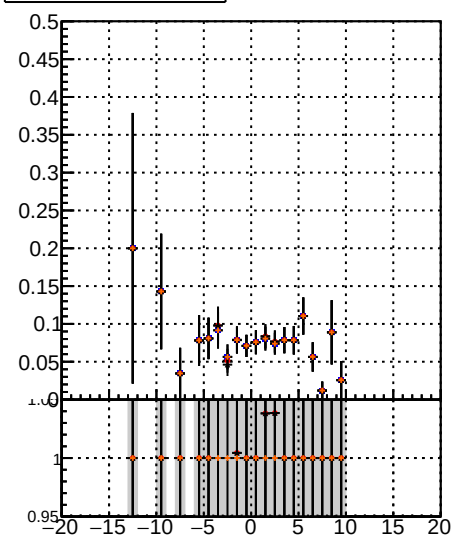
Pileup rate vs vertpos



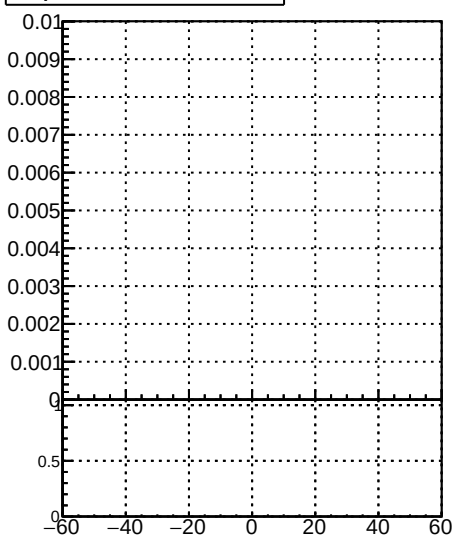
Legend:
 - $\text{BQM TT MS det0-dpdq}$ (blue line with dots)
 - $\text{BQM TT MS det0-chiz}$ (red line with dots)
 - $\text{BQM TT MS det0-dpdq}$ (black line with dots)
 - $\text{BQM TT MS det0-chiz}$ (black line with dots)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

