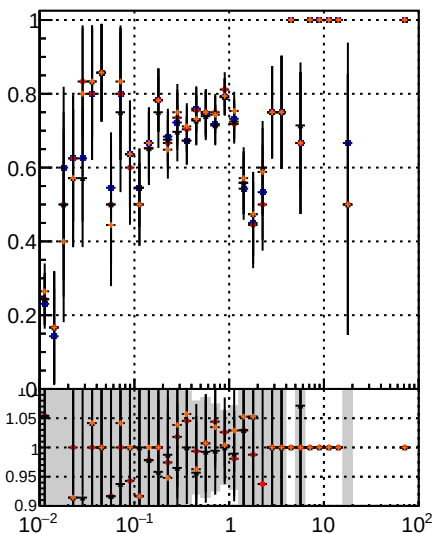
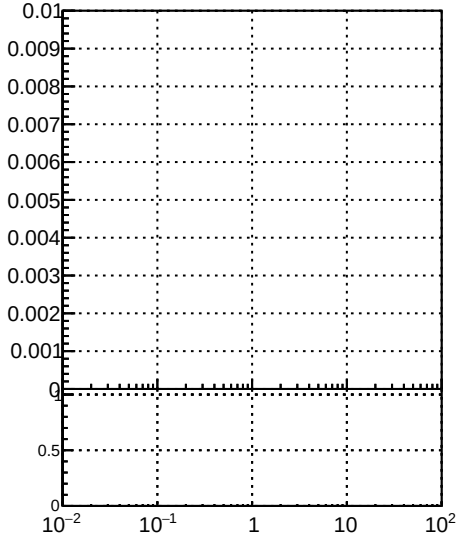


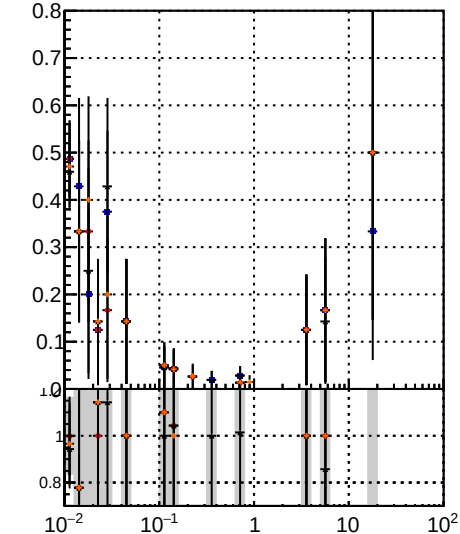
Fake rate vs vertpos



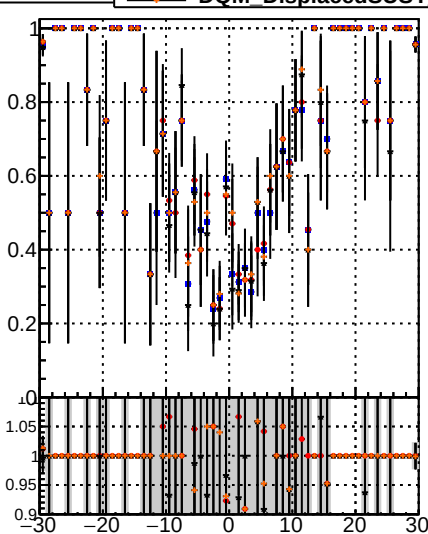
Duplicates Rate vs vertpos

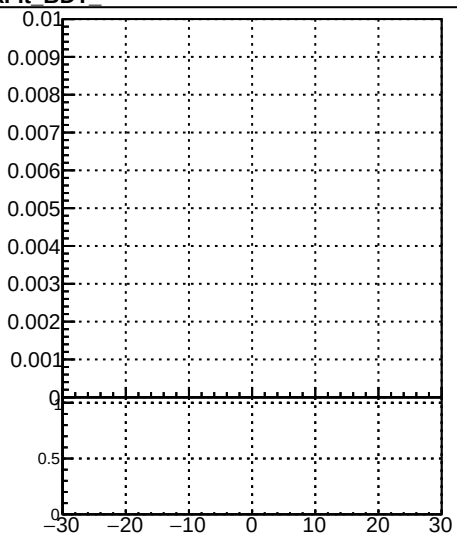


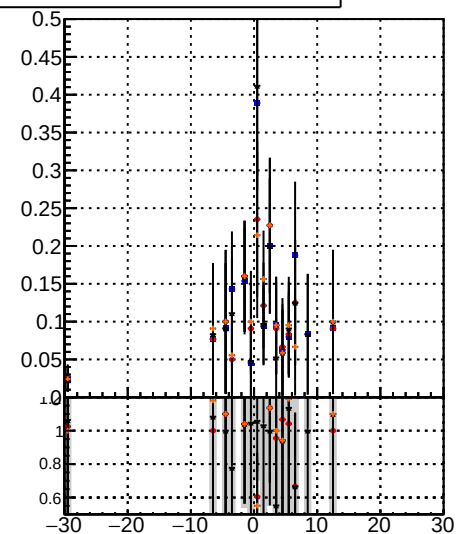
Pileup rate vs vertpos



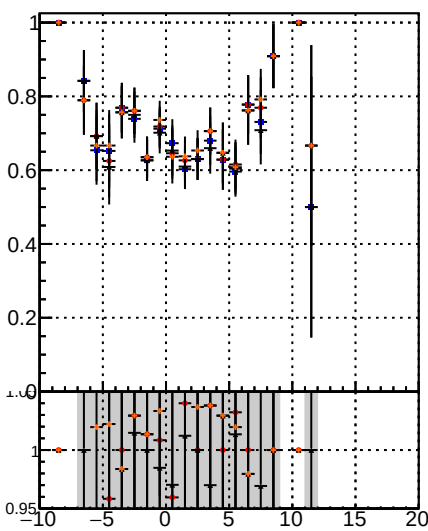
Fake rate vs $\sqrt{s}$



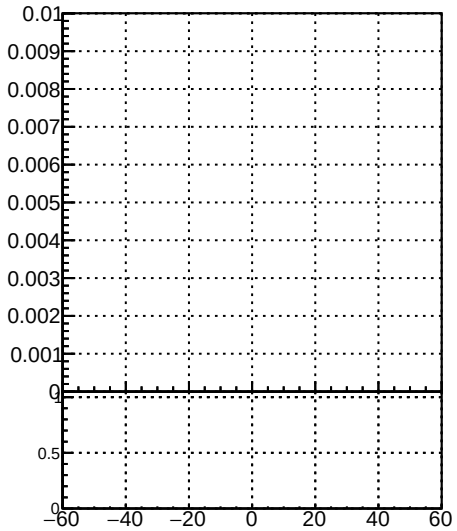




Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

