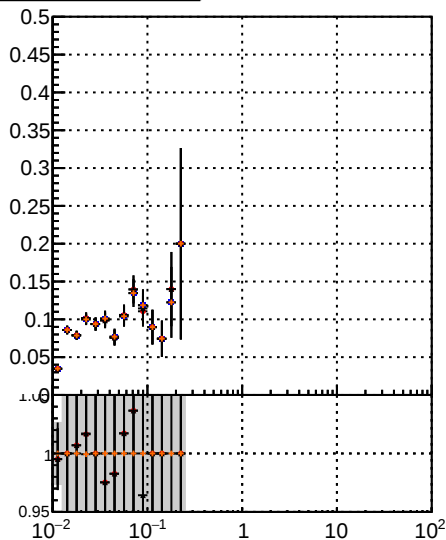


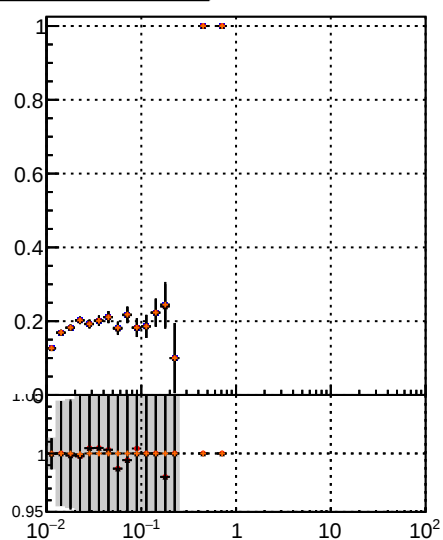
Fake rate vs vertpos



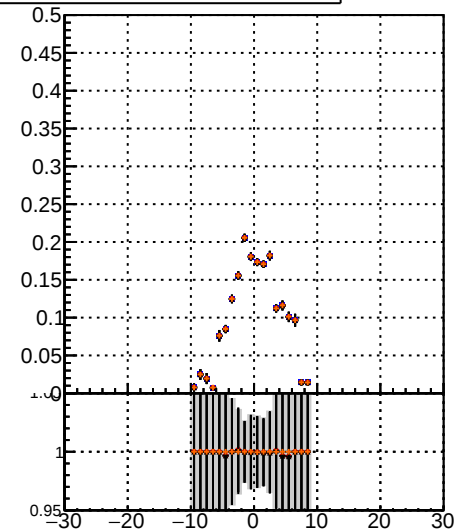
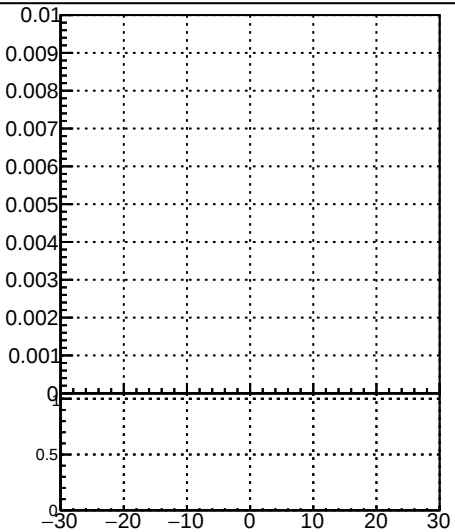
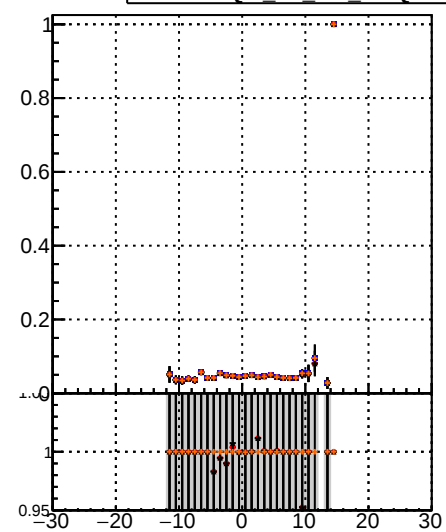
Duplicates Rate vs vertpos



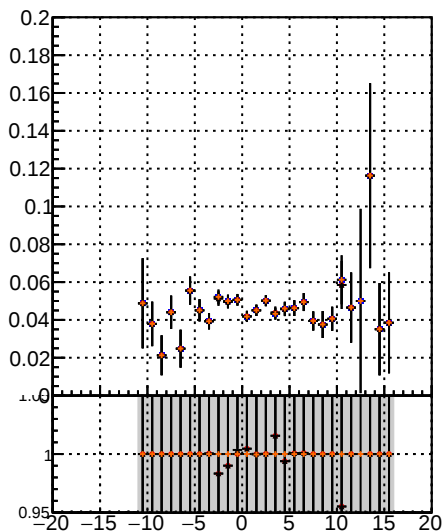
Pileup rate vs vertpos


 Fake rate vs $\sqrt{s}$

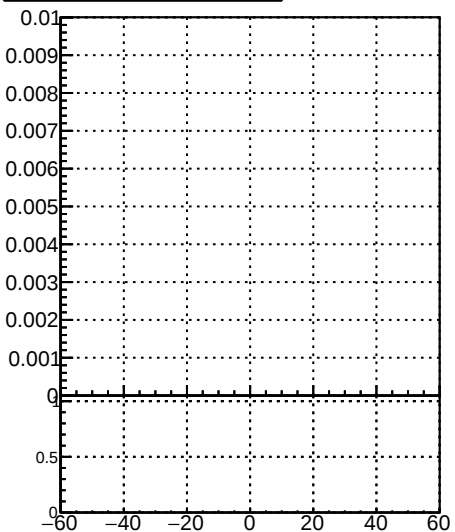
Legend	DDM TT MS	det0-dpdq	det0-chiz
Blue line with dots	DDM TT MS	det0-dpdq	det0-chiz
Red line with dots	DDM TT MS	det0-dpdq	det0-chiz
Black line with dots	DDM TT MS	det0-dpdq	det0-chiz
Orange line with dots	DDM TT MS	det0-dpdq	det0-chiz



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

