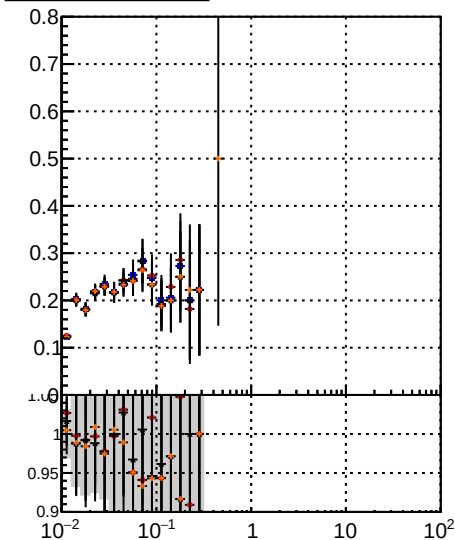
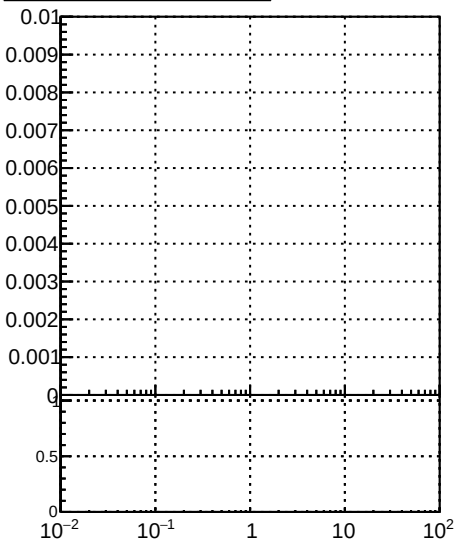


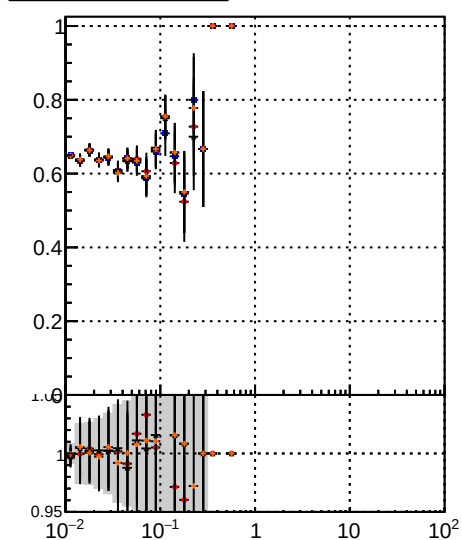
Fake rate vs vertpos



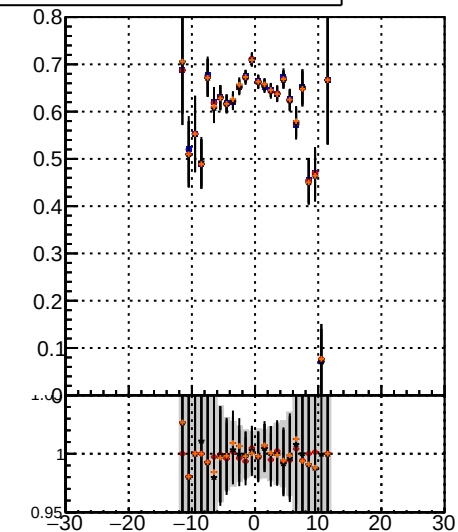
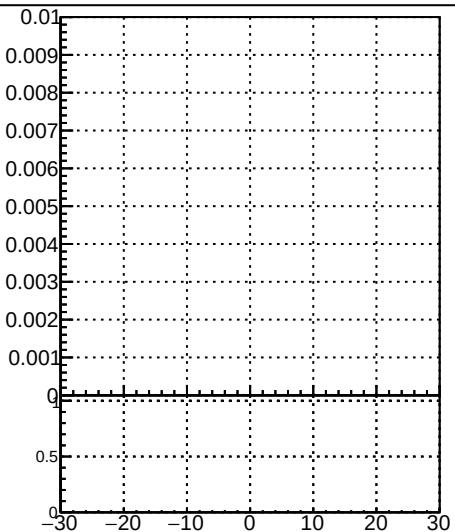
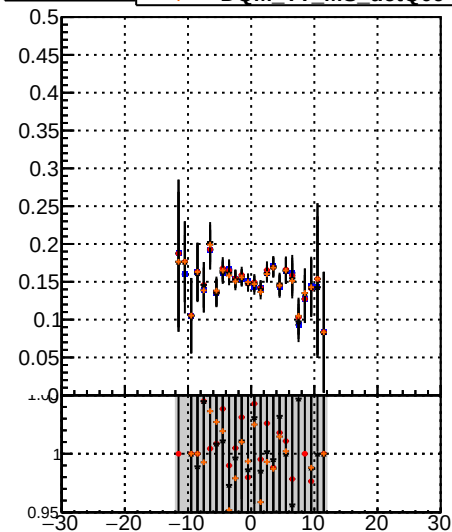
Duplicates Rate vs vertpos



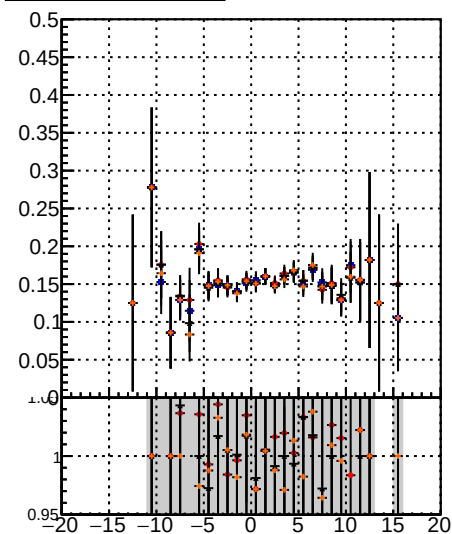
Pileup rate vs vertpos



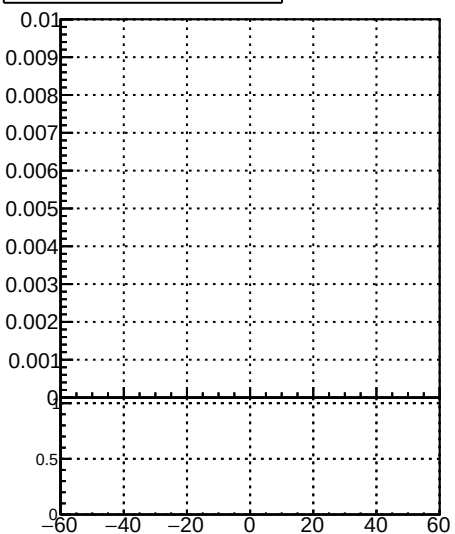
■ $\text{BQM}^{\text{TT}}_{\text{MS}} \text{ detQ}$
● $\text{BQM}^{\text{TT}}_{\text{MS}} \text{ detQ1}$
▲ $\text{BQM}^{\text{TT}}_{\text{MS}} \text{ detQ09}$
× $\text{BQM}^{\text{TT}}_{\text{MS}} \text{ detQ09}$



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

