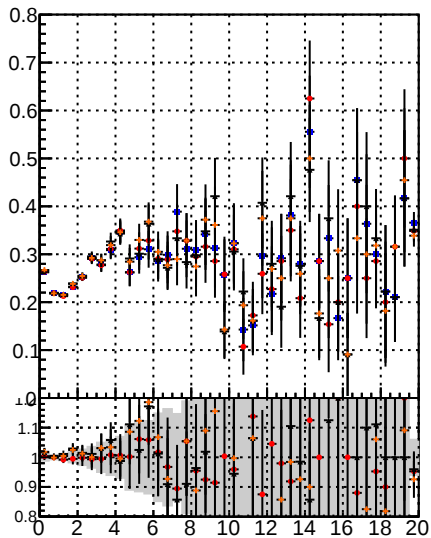
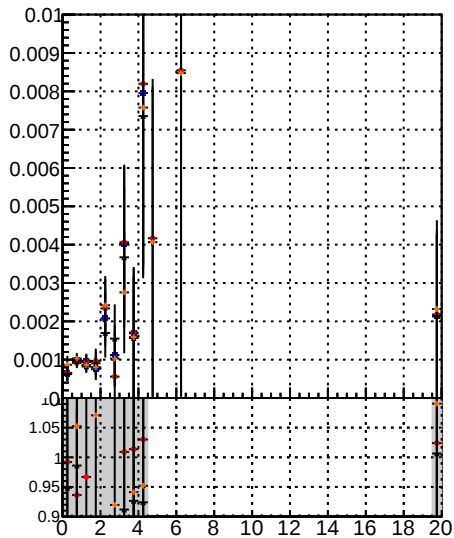


Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.
 BGM noMS
 BGM noMS PLMS
 BGM noMS PLMS mod MS
 BGM noMS PLMS mod MS

