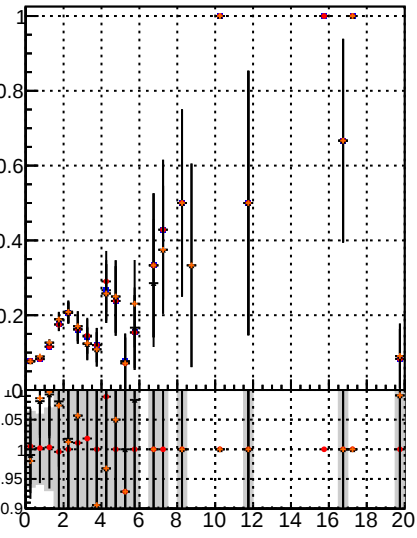
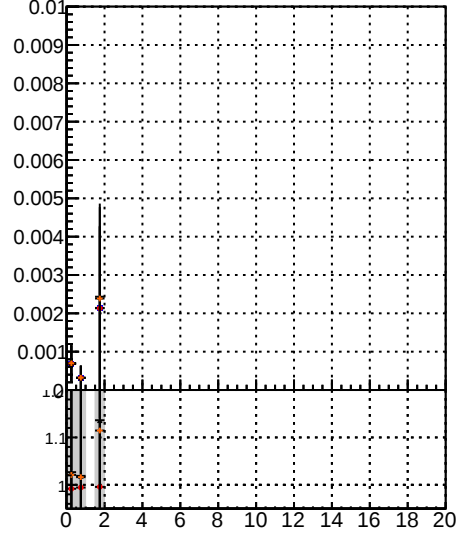


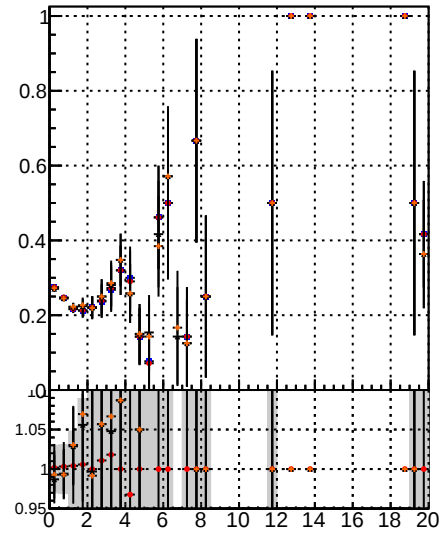
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs.
 BGM noMS
 BGM noMS PL
 BGM noMS PL MS
 PixelLessOrandom mod MS

