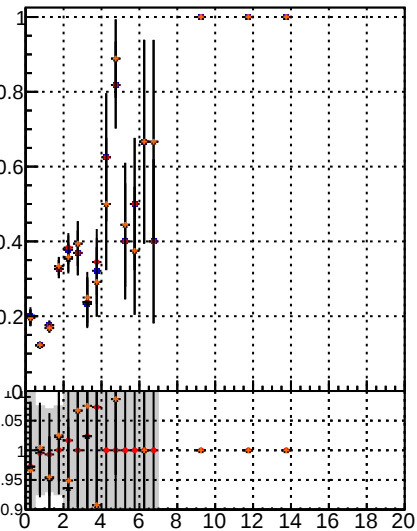


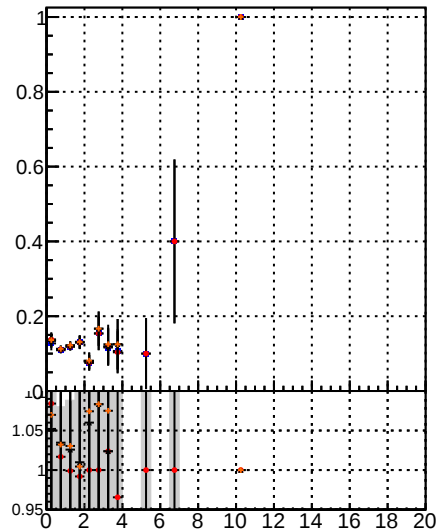
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



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

