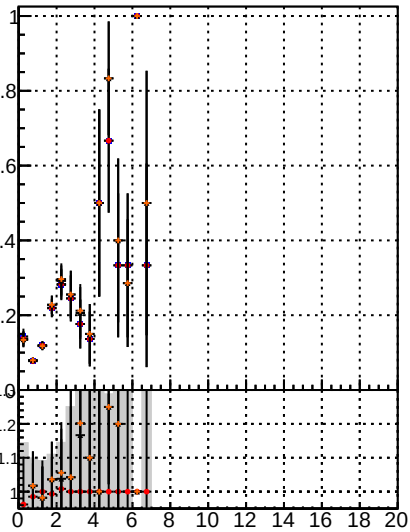
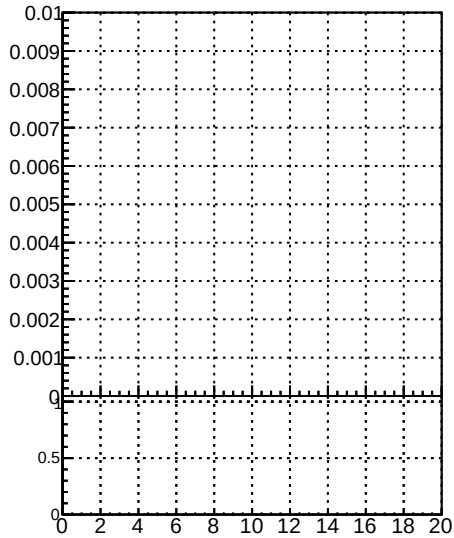


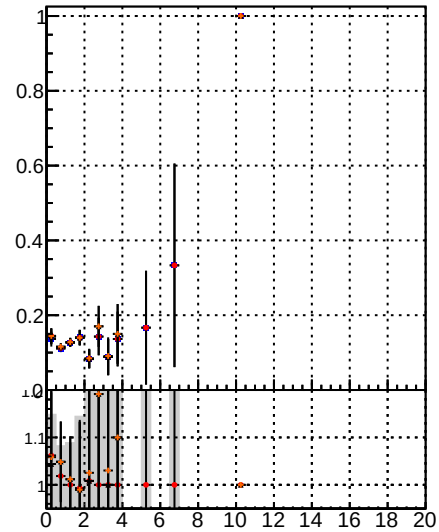
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



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

