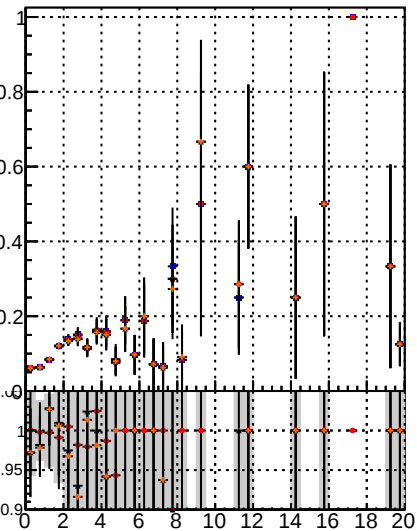


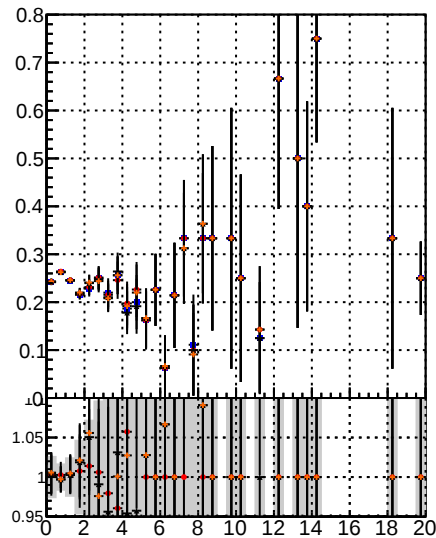
Fake rate vs normalized  $\chi^2$



Duplicates Rate vs normalized  $\chi^2$



Pileup rate vs normalized  $\chi^2$



Fake rate vs.   
 BQM noMS   
 BQM+noMS PLMS   
 PixelLessOrNoBQM mod MS

