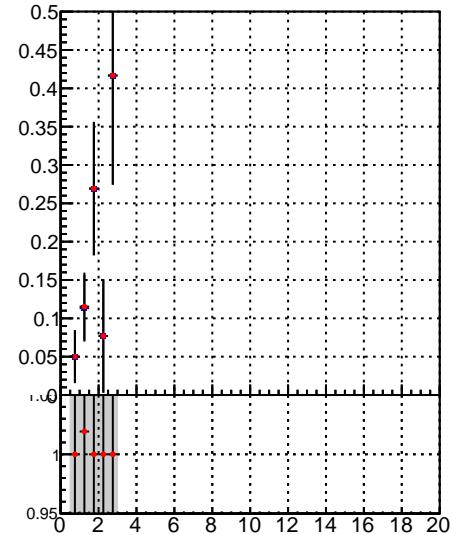
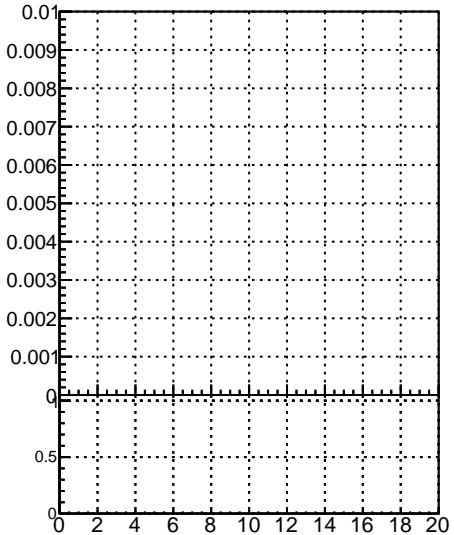
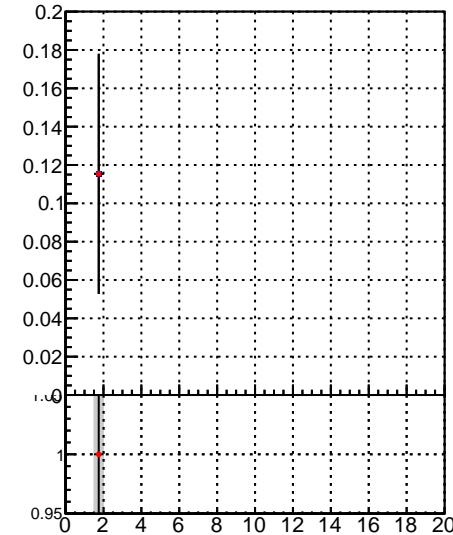


**Fake rate vs normalized  $\chi^2$** **Duplicates Rate vs normalized  $\chi^2$** **Pileup rate vs normalized  $\chi^2$** 

Fake rate vs.  
■ Orig/DQM\_orig\_MS  
● pixelLessOrig/DQM\_mod\_MS

