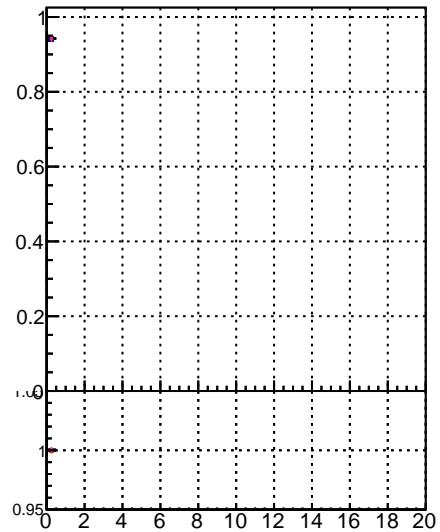
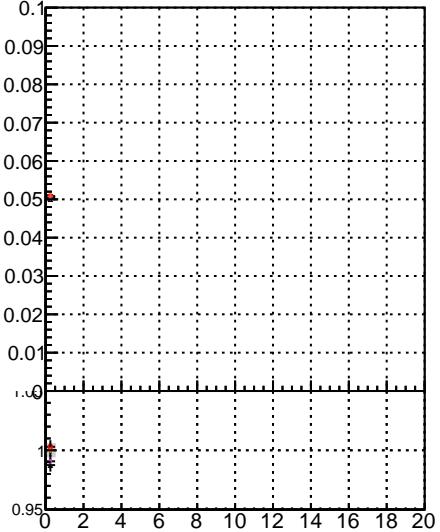
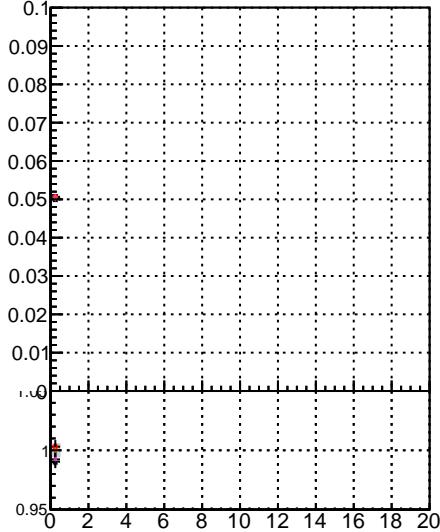


Fake rate vs normalized  $\chi^2$ Duplicates Rate vs normalized  $\chi^2$ Pileup rate vs normalized  $\chi^2$ 

Fake rate vs. orig/DGM, orig/MS  
intermediate/MS, orig/MS, orig/MS  
detached/DGM, orig/MS

