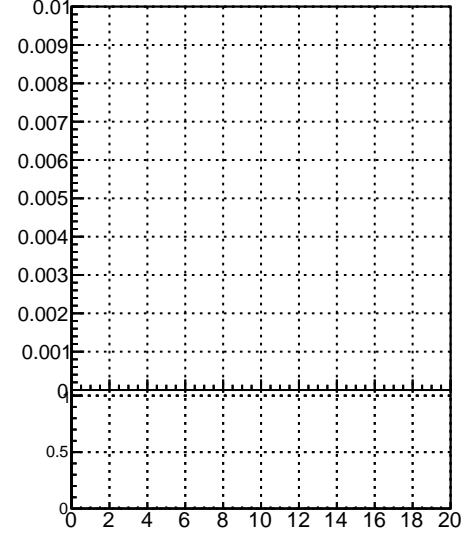
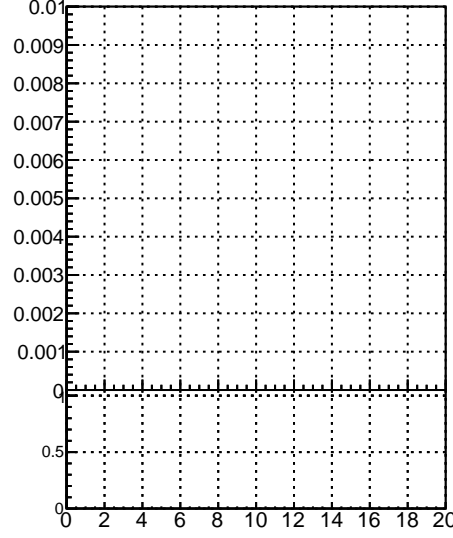
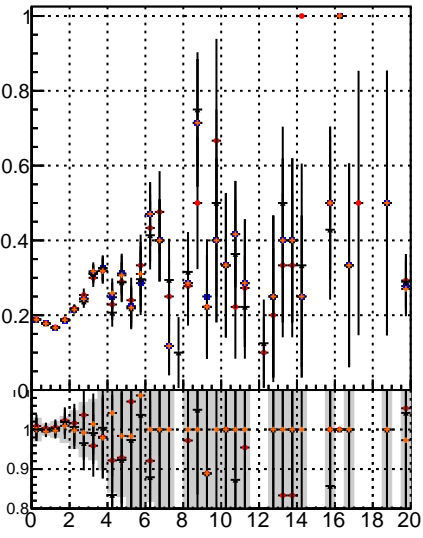


Fake rate vs normalized  $\chi^2$

Duplicates Rate vs normalized  $\chi^2$

Pileup rate vs normalized  $\chi^2$



Fake rate vs.   
 -  $\chi^2$  Fit: 13.0 9e4   
 -  $\chi^2$  Fit: 12.0 600   
 -  $\chi^2$  Fit: 10000

