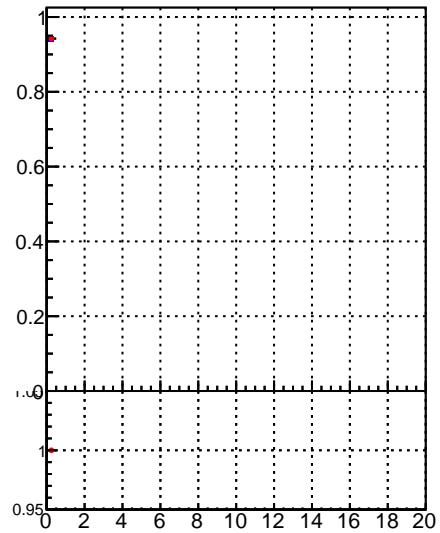
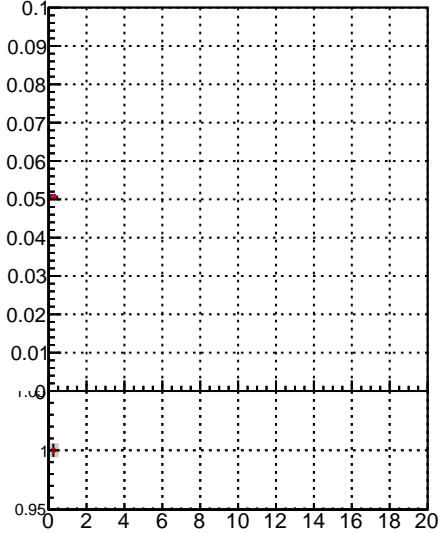
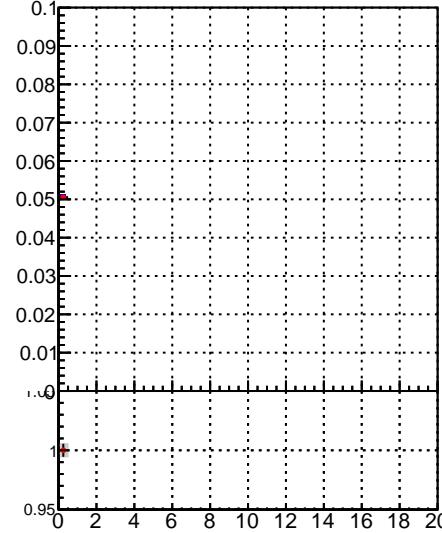


**Fake rate vs normalized  $\chi^2$** **Duplicates Rate vs normalized  $\chi^2$** **Pileup rate vs normalized  $\chi^2$** **Fake rate vs.  $\frac{\text{Orig/DQM\_orig\_MS}}{\text{pixelLessOrig/DQM\_mod\_MS}}$** 