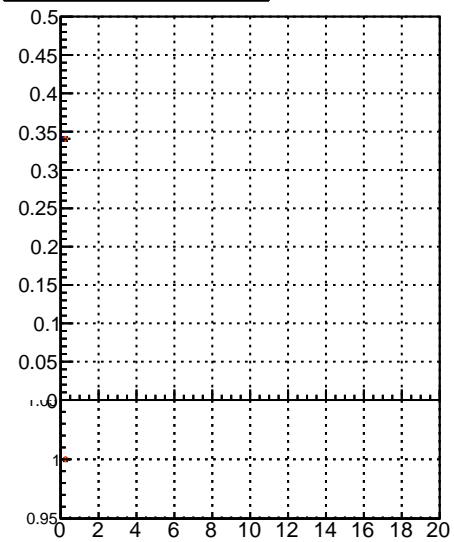
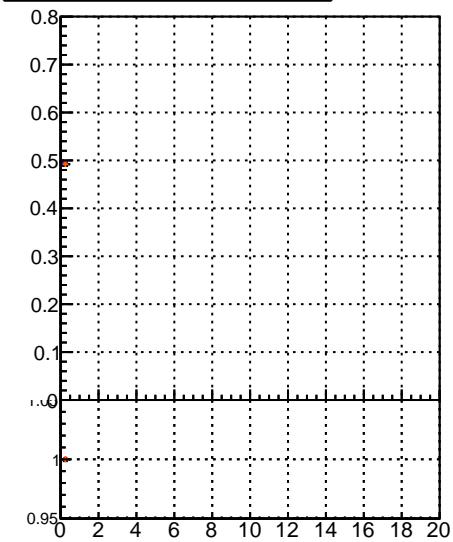
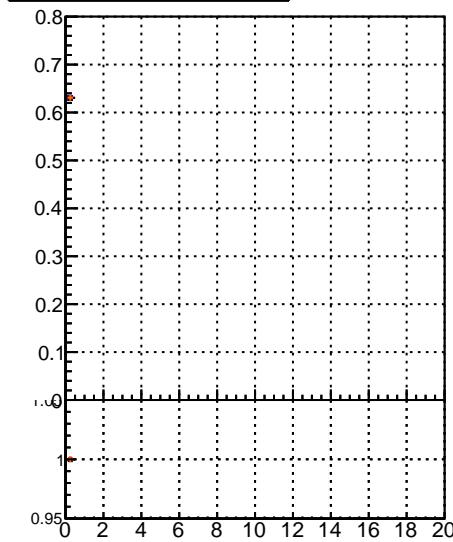


**Fake rate vs normalized  $\chi^2$** **Duplicates Rate vs normalized  $\chi^2$** **Pileup rate vs normalized  $\chi^2$** **Fake rate vs. [DOM, T1, MS] detector**