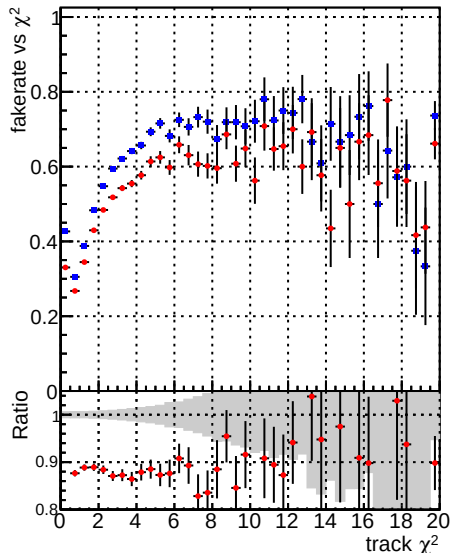
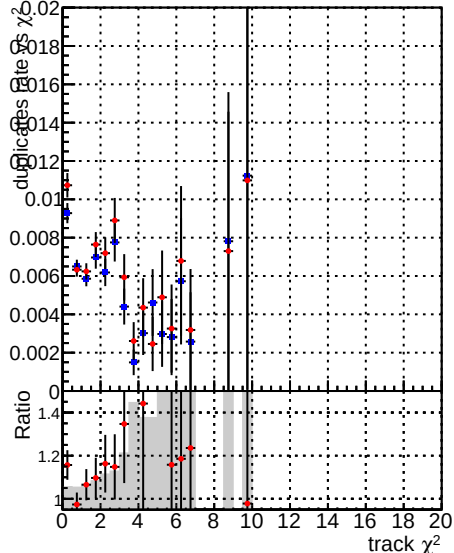


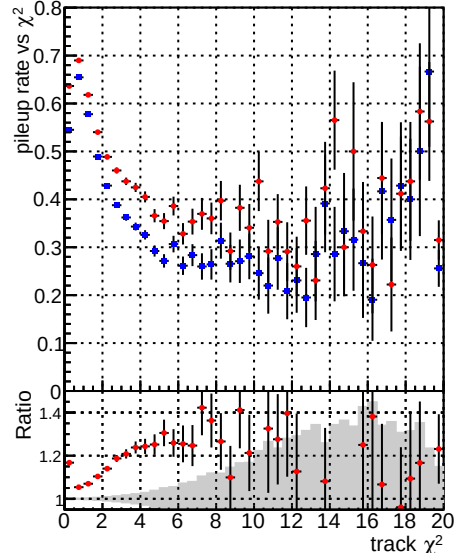
**Fake rate vs. normalized  $\chi^2$**



**Duplicates Rate vs. normalized  $\chi^2$**



**Pileup rate vs. normalized  $\chi^2$**



**Fake rate vs. seedings**

