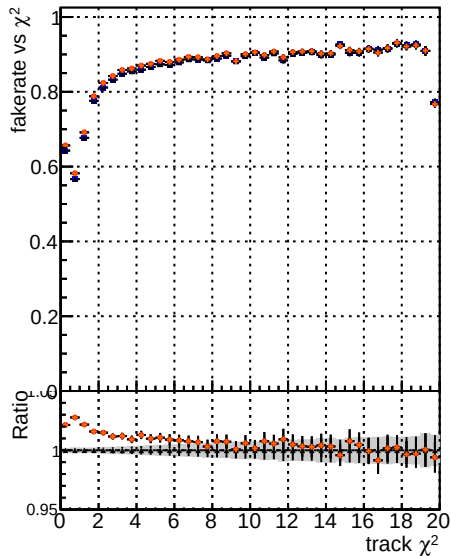
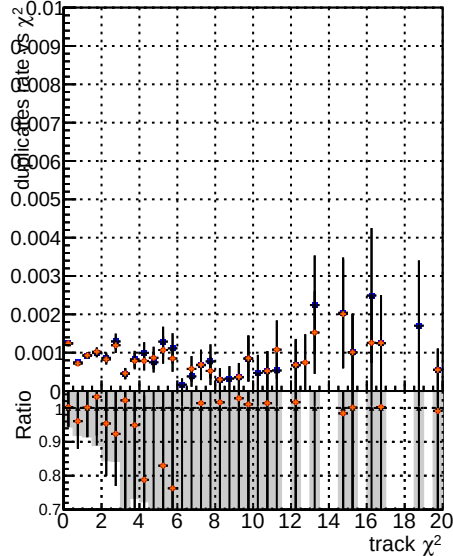


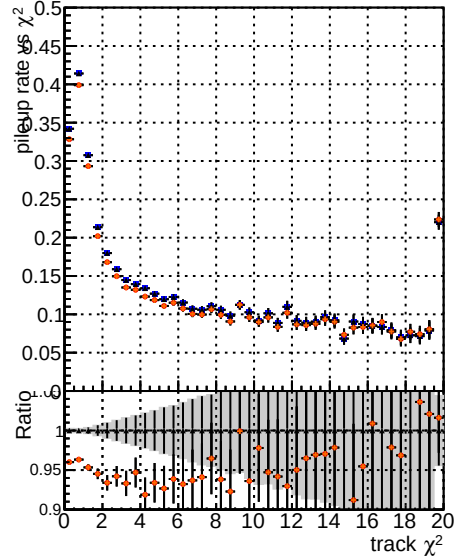
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**   
 BGM mktFit TTbase   
 baseTrainOldFiles125\_v2\_prelimWP\_epoch4   
 BGM mktFit TTbase   
 baseTrainOldFiles125\_v2\_prelimWP\_epoch4

