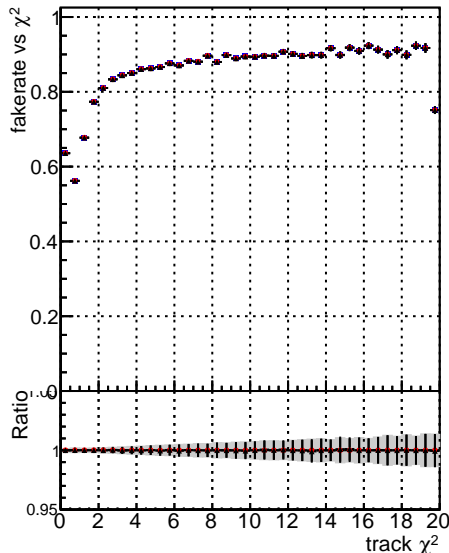
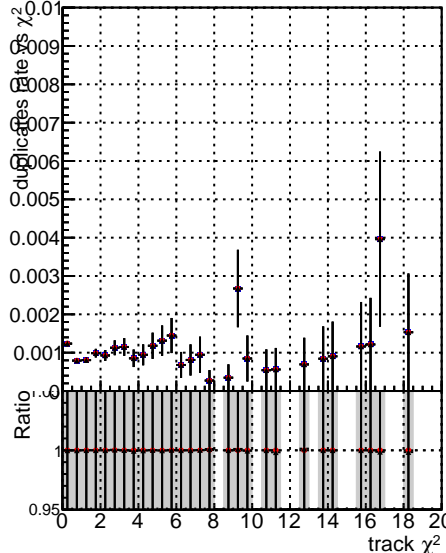


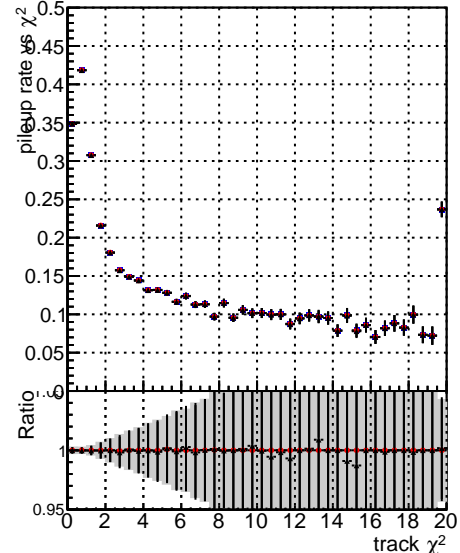
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**   
 DQM ttbarPU mkFit 5iter   
 DQM ttbarPU mkFit 5iter updatedPR111 update   
 DQM ttbarPU mkFit 5iter updatedPR111 update fixPropagation

