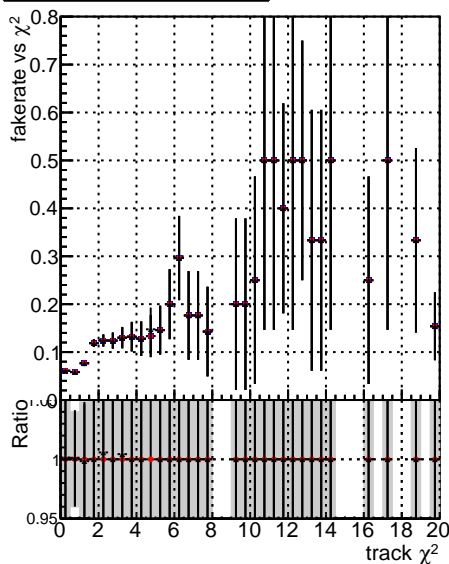
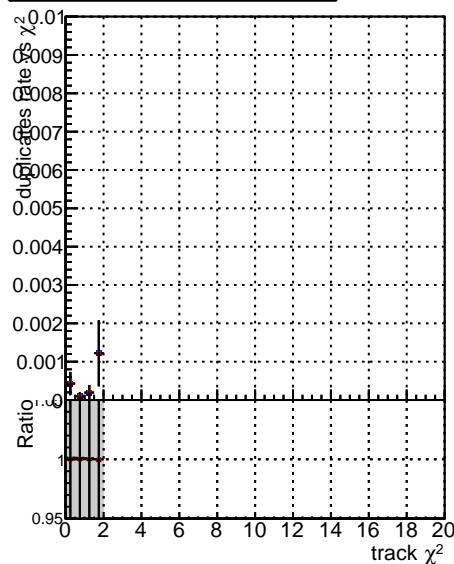


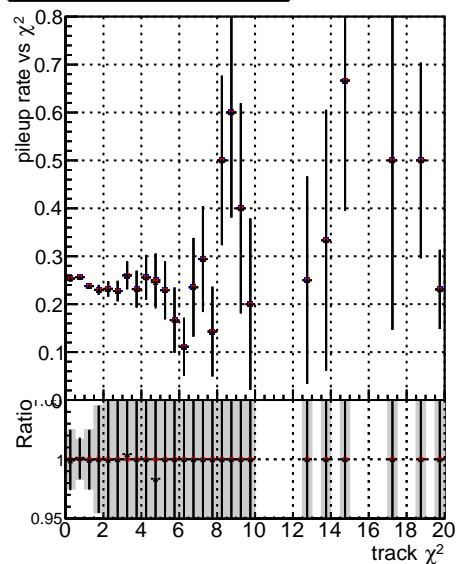
**Fake rate vs normalized  $\chi^2$**



**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

