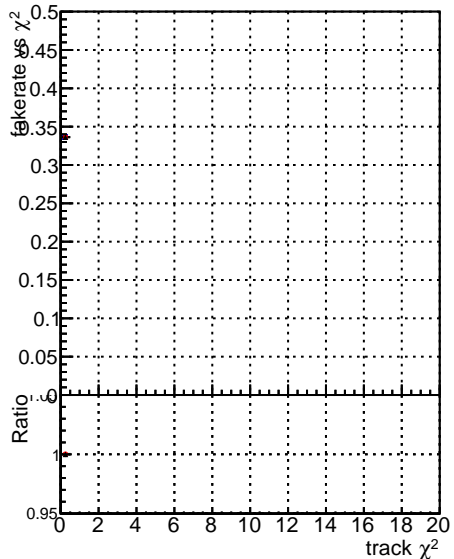
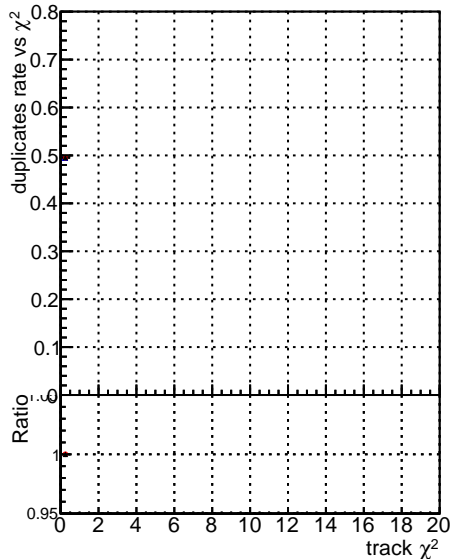


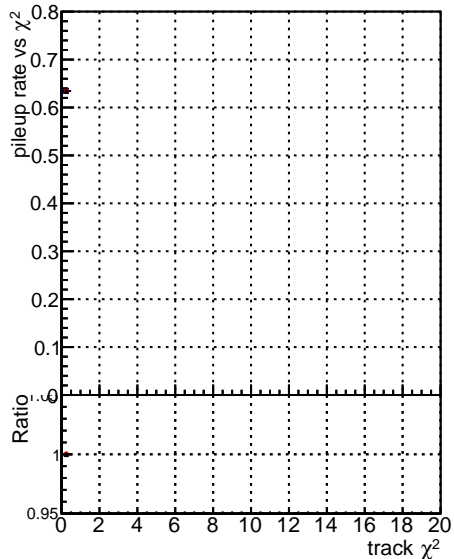
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**

— DQM ttbarPU mkFit 5iter  
— DQM ttbarPU mkFit 5iter updated PR111 update  
— DQM ttbarPU mkFit 5iter updated PR111 update fixPropagation

