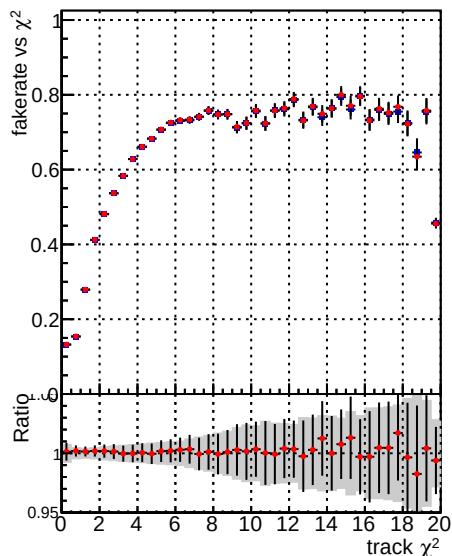
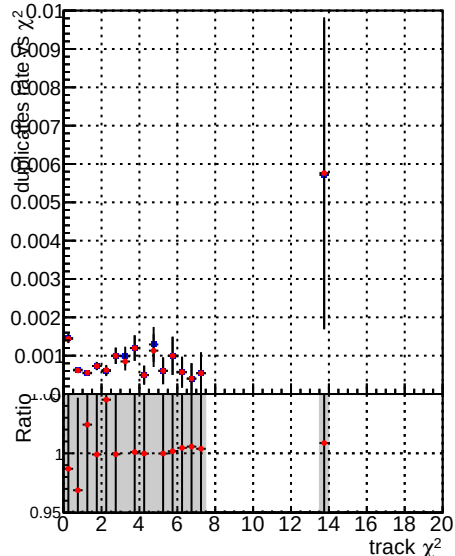


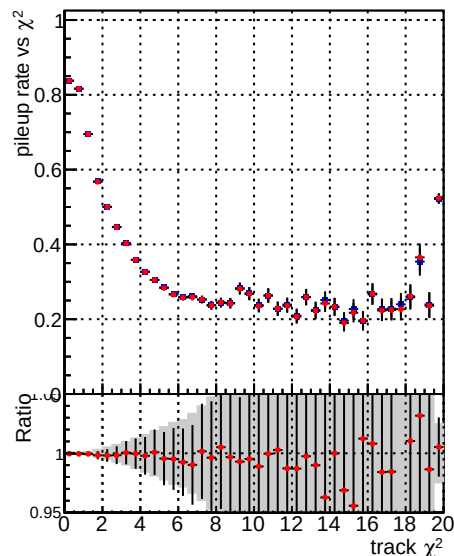
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**  
—•— DQM CKF XiMinusPU base  
—•— DQM CKF XiMinusPU\_retrainOldFiles125\_v2\_prelimWPM\_epoch4

