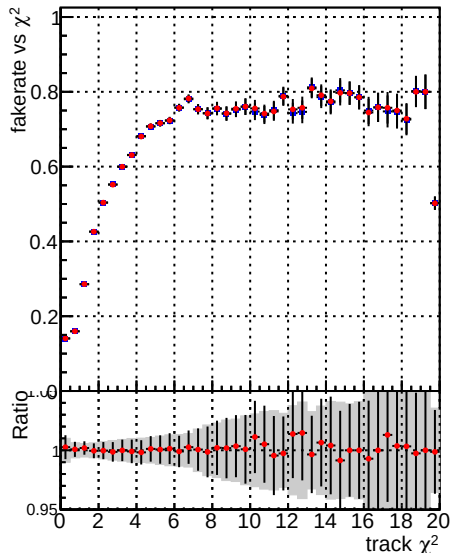
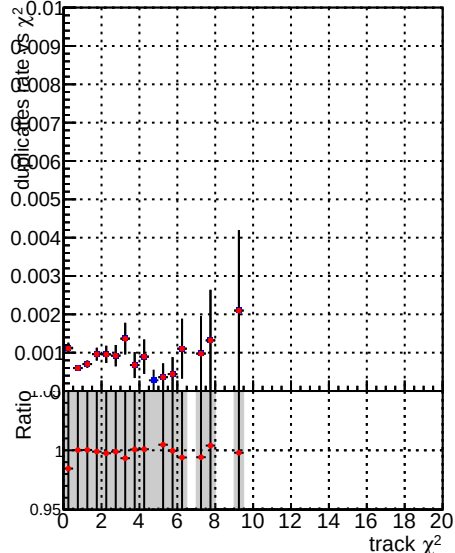


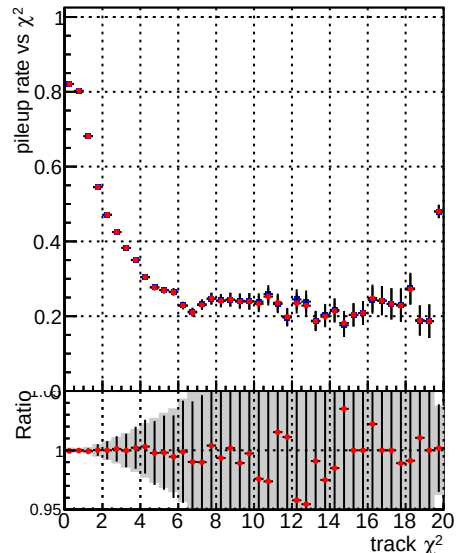
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**  
—•— DQM CKF XiMinusNOPU\_base  
—•— DQM CKF XiMinusNOPU\_retrainOldFiles125\_v2\_prelimWPM\_epoch0

