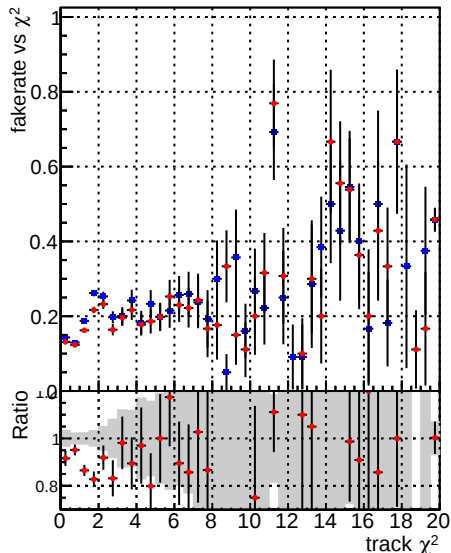
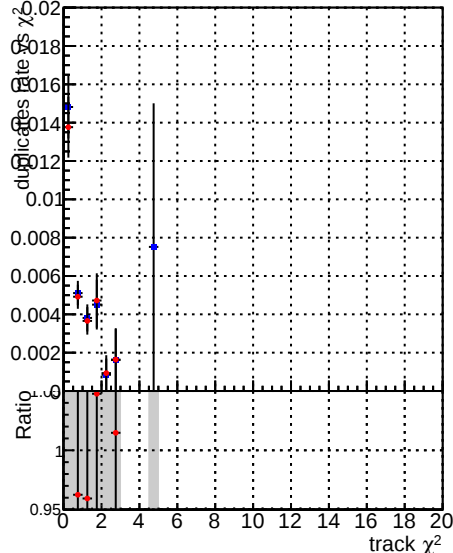


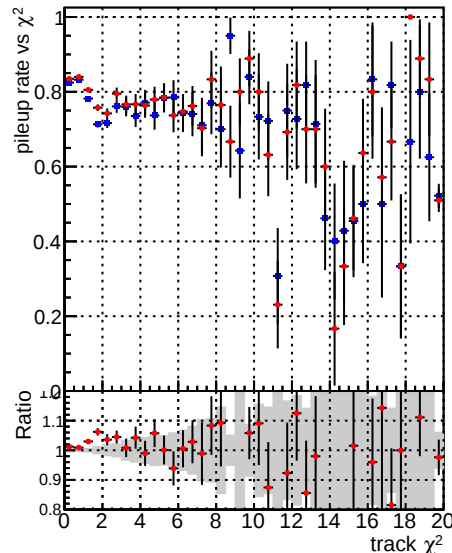
**Fake rate vs normalized  $\chi^2$**



**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\_epoch1

