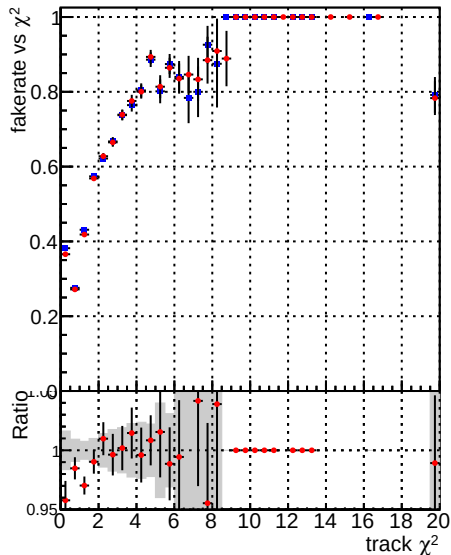
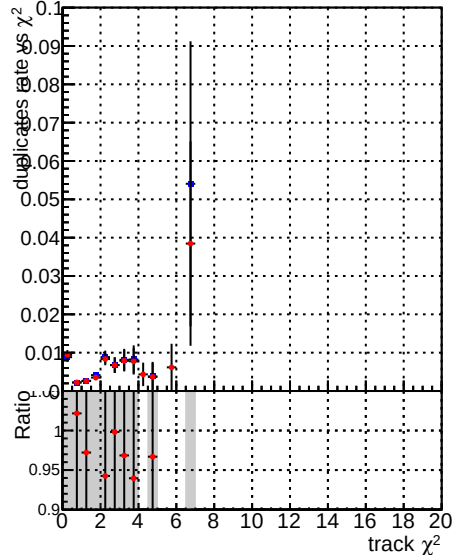


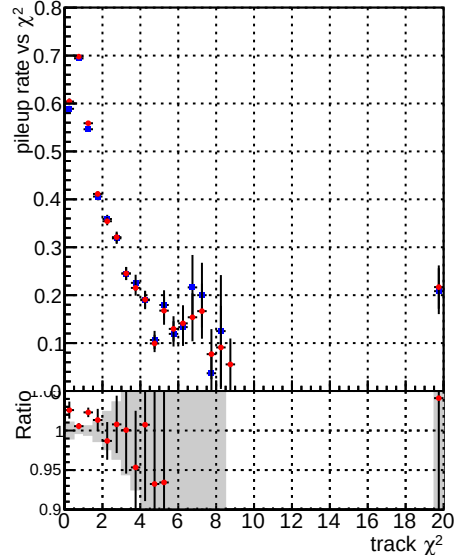
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**

Legend:

- DQM CKF XiMinusPU base
- DQM CKF XiMinusPU\_retrainOldFiles125\_v2\_prelimWPM\_epoch2

