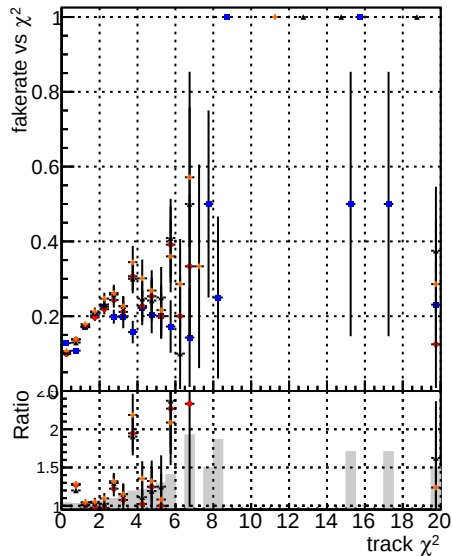
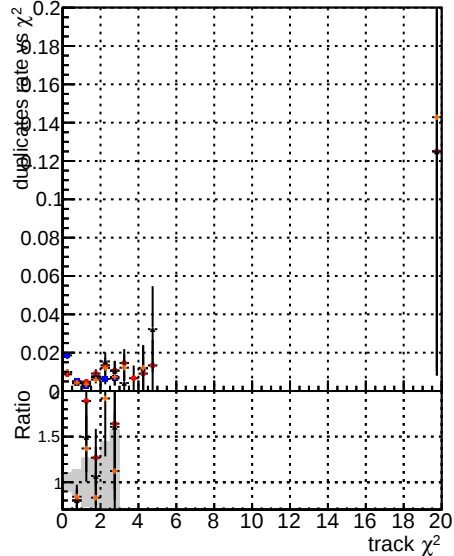


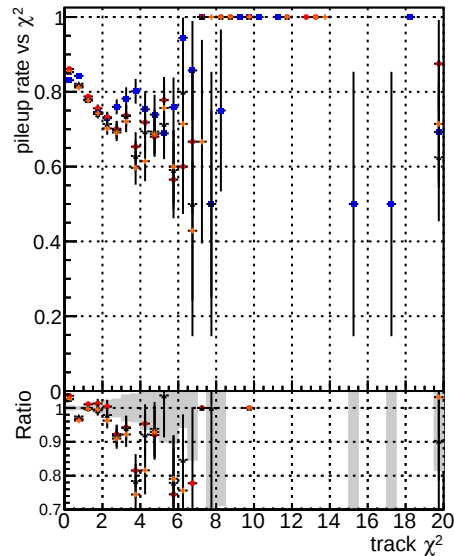
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**

|                  |                  |                  |
|------------------|------------------|------------------|
| Global           | CMSSW skf        | RECO             |
| CMSSW skf + RECO | CMSSW skf + RECO | CMSSW skf + RECO |

