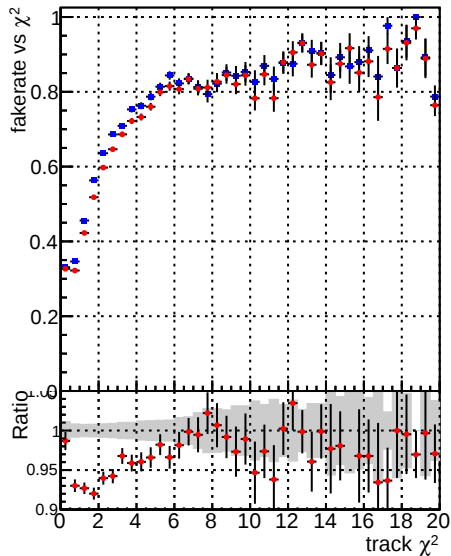
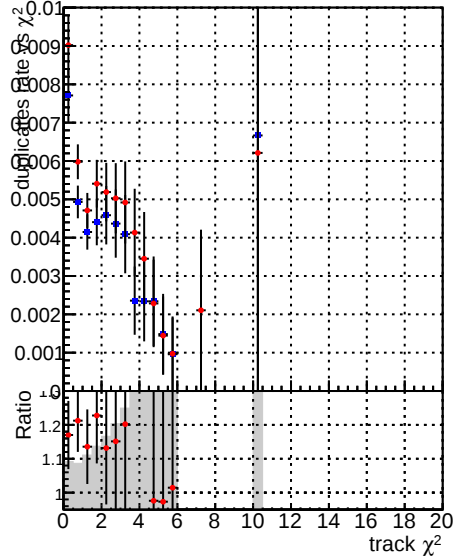


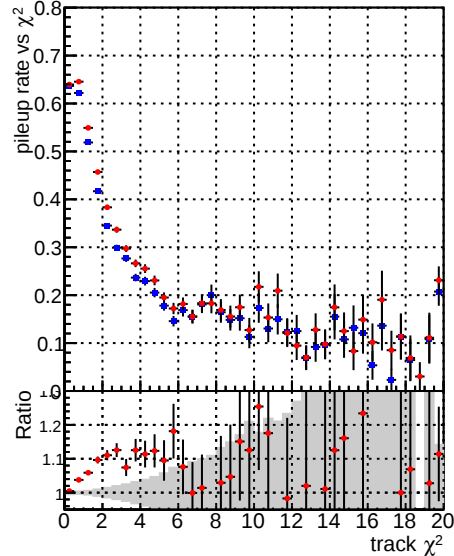
**Fake rate vs normalized  $\chi^2$**



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



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



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

Legend:

- Blue diamonds: DQM\_DisplacedSUSY\_mkFit
- Red circles: DQM\_DisplacedSUSY\_mkFit\_BDT

