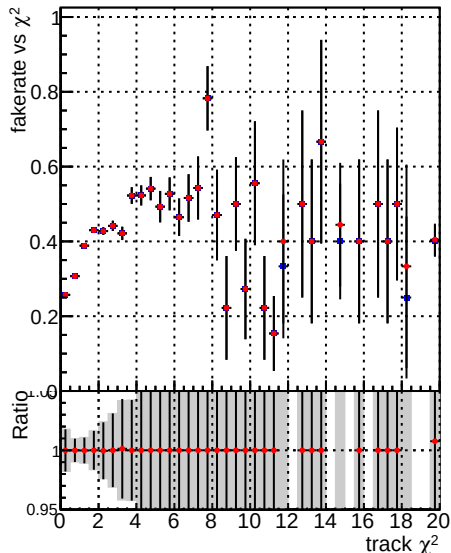
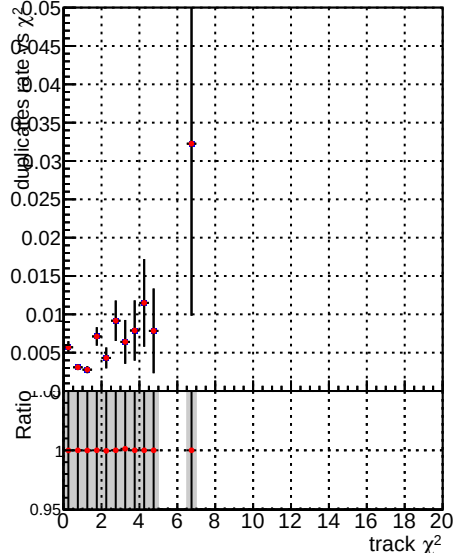


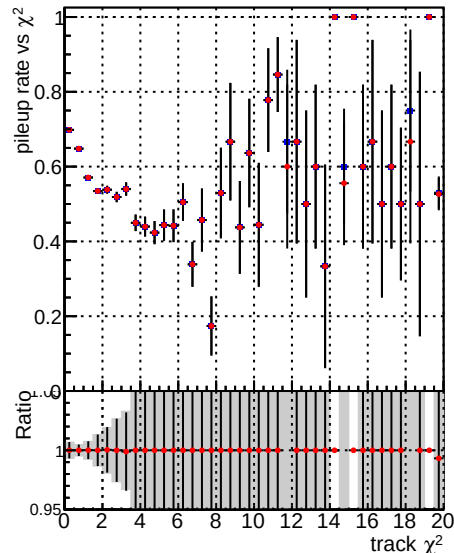
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**

| Legend                    | Model     | Global      | CMSSW | X | Y | Z | all | Model  | Global | CMSSW | X | Y | Z   | all |
|---------------------------|-----------|-------------|-------|---|---|---|-----|--------|--------|-------|---|---|-----|-----|
| Blue line with error bars | DQM V0001 | R0000000001 |       |   |   |   |     | Global | CMSSW  | X     | Y | Z | all | all |
| Red line with error bars  | DQM V0001 | R0000000001 |       |   |   |   |     | Global | CMSSW  | X     | Y | Z | all | all |

