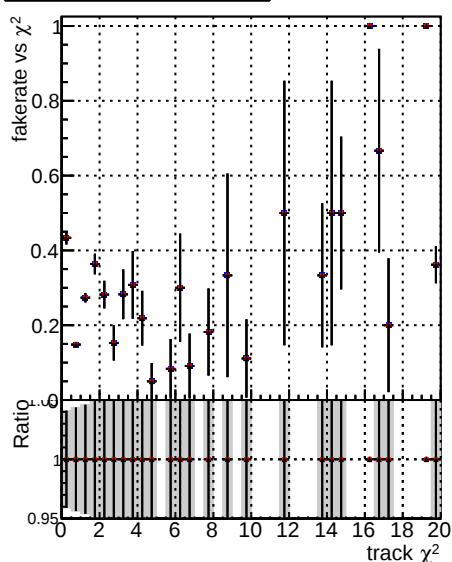
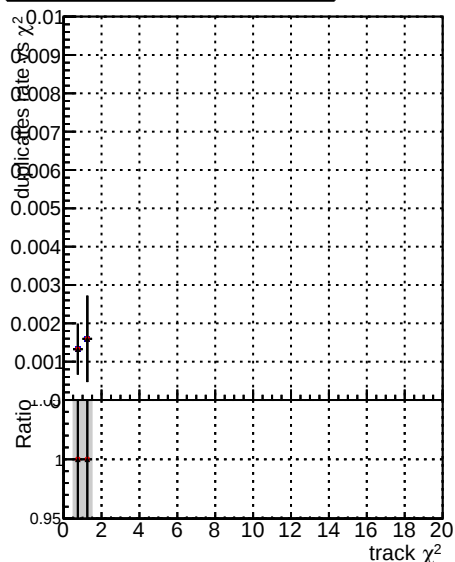


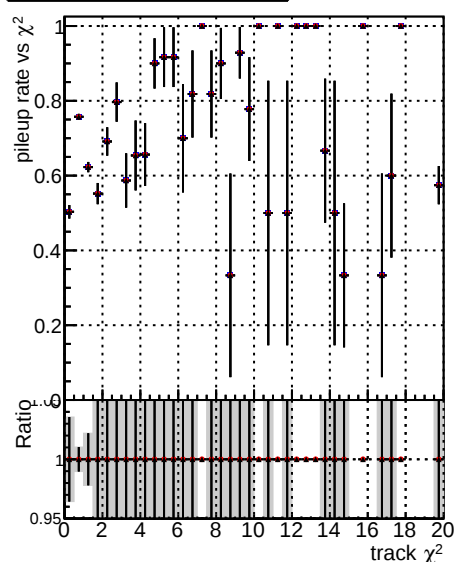
**Fake rate vs normalized  $\chi^2$**



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



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



**Fake rate vs.**

| Model                 | Global | mkFit batchNO-100          |
|-----------------------|--------|----------------------------|
| DOM V0001             | Global | mkFit batchNO-100-function |
| BCM V0001             | Global | mkFit batchNO-100-function |
| BCM V0001 R0000000001 | Global | mkFit batchNO-100-function |

