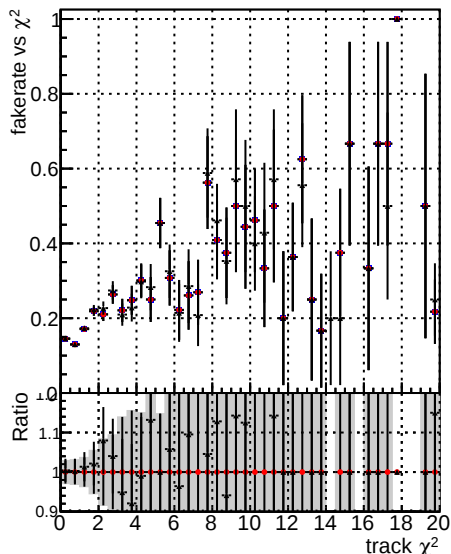
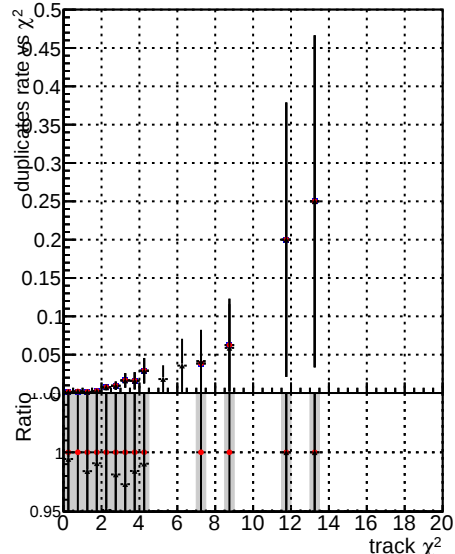


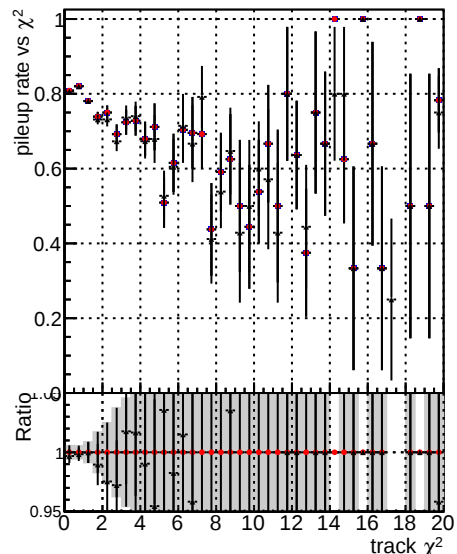
### Fake rate vs normalized $\chi^2$



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



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



| R0000000001 | Global mkFit batchCAND-adjusted | Global mkFit CAND | Global mkFit CAND-AFTERCONFLICT3 |
|-------------|---------------------------------|-------------------|----------------------------------|
| 0           | 0.15                            | 0.15              | 0.15                             |
| 10          | 0.25                            | 0.20              | 0.15                             |
| 20          | 0.40                            | 0.30              | 0.15                             |
| 30          | 0.60                            | 0.40              | 0.15                             |
| 40          | 0.75                            | 0.45              | 0.15                             |
| 50          | 0.85                            | 0.45              | 0.15                             |
| 60          | 0.75                            | 0.40              | 0.15                             |
| 70          | 0.60                            | 0.30              | 0.15                             |
| 80          | 0.40                            | 0.20              | 0.15                             |
| 90          | 0.25                            | 0.15              | 0.15                             |
| 100         | 0.15                            | 0.15              | 0.15                             |

