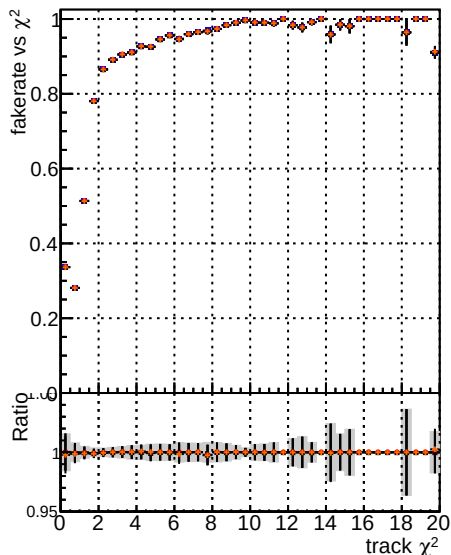
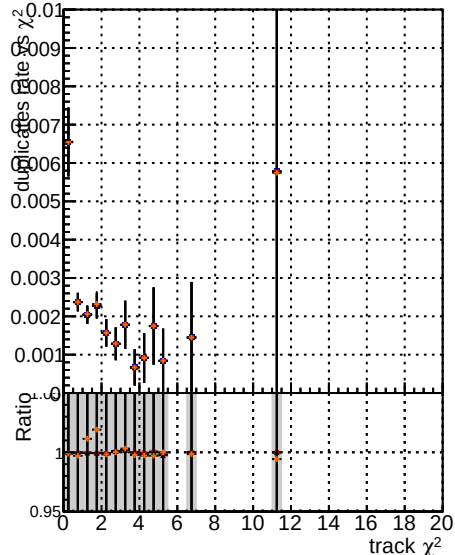


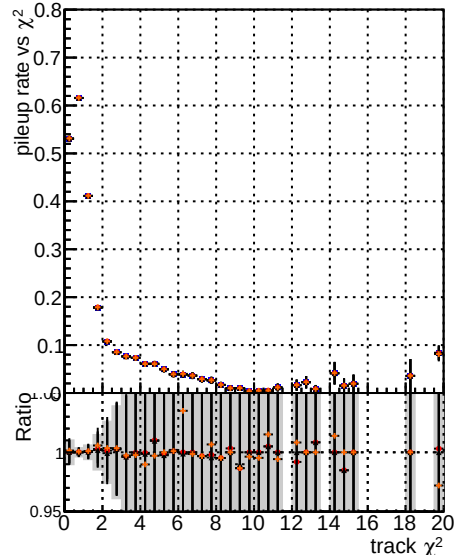
### Fake rate vs normalized $\chi^2$



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



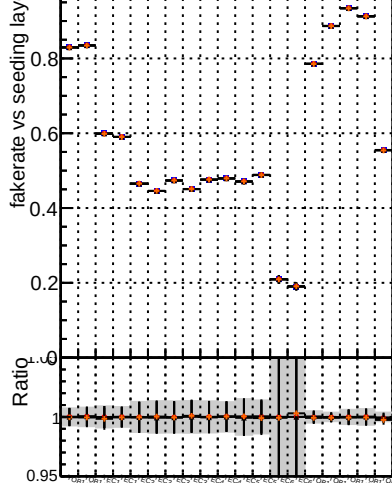
### Pileup rate vs normalized $\chi^2$



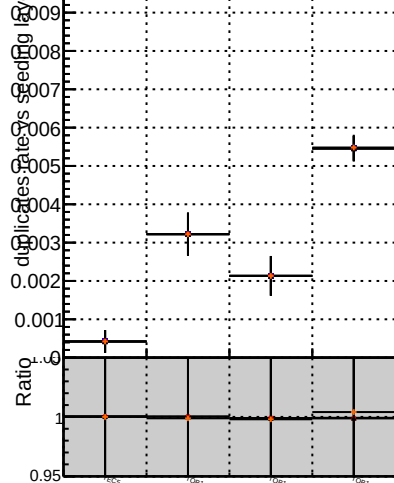
Fake rate vs.  DQM V0001 B0000000001 Global mkFitOriginal RECO  
DQM V0001 B0000000001 Global mkFitINNOV RECO33  
DQM V0001 R0000000001 Global mkFitNEWDEINOF RECO

ers

| Age Group | Percentage |
|-----------|------------|
| 18-24     | 15%        |
| 25-34     | 25%        |
| 35-44     | 30%        |
| 45-54     | 20%        |
| 55-64     | 10%        |
| 65-74     | 5%         |
| 75-84     | 2%         |
| 85+       | 1%         |



0.01



0.8

