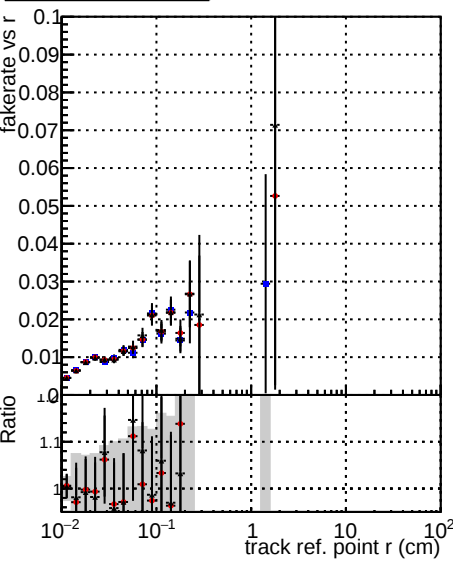
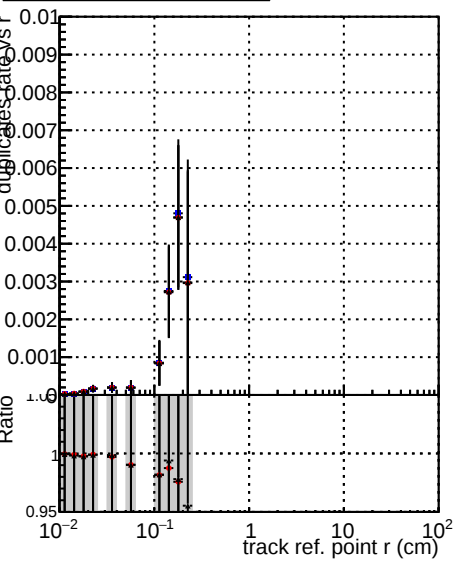


**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**



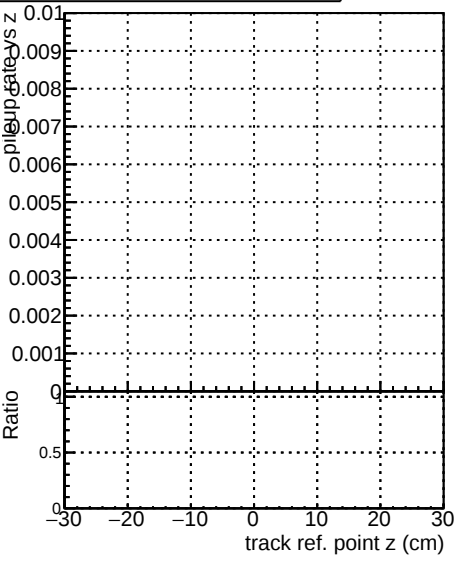
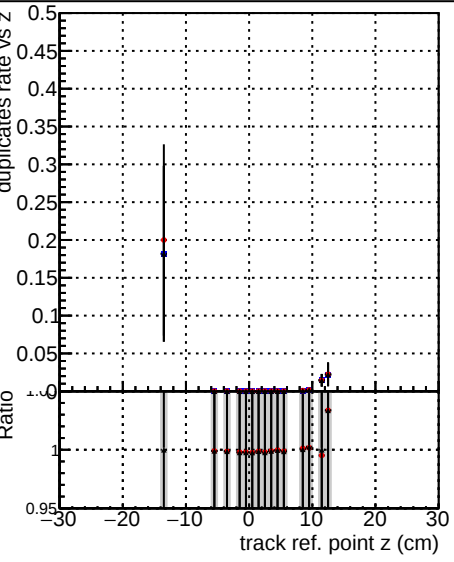
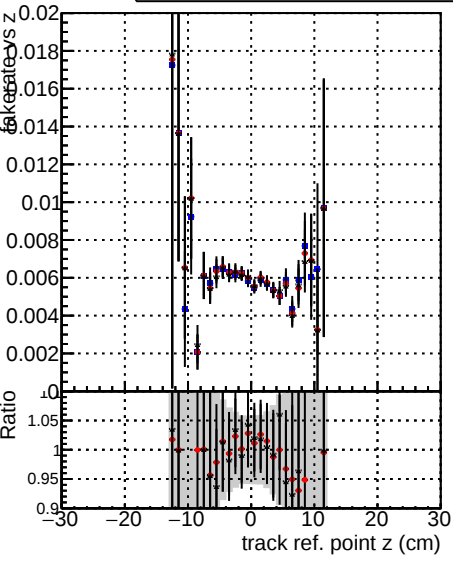
**Pileup rate vs vertpos**



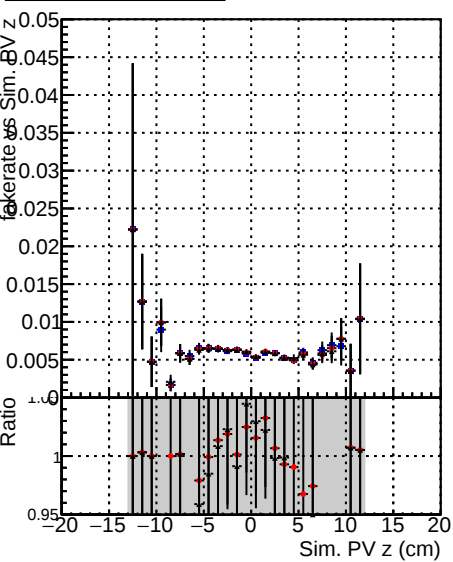
**Fake rate vs v**

Legend:

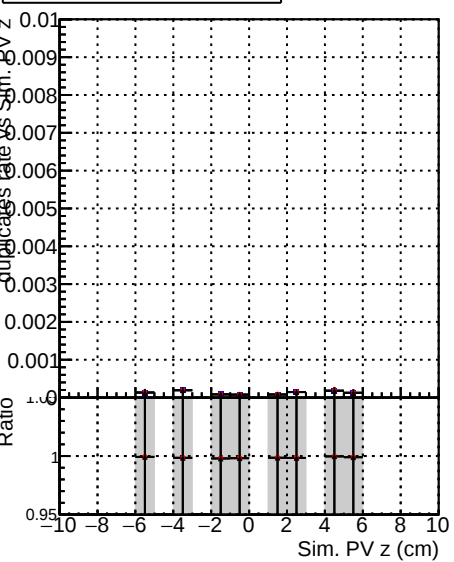
- DQM\_mkFit5\_XiMinusNOPUold-lowpr (blue circles)
- DQM\_mkFit5\_XiMinusNOPU\_newDefault5 (red circles)
- DQM\_mkFit5\_XiMinusNOPU\_NEWDefault\_specPLess3 (black circles)



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

