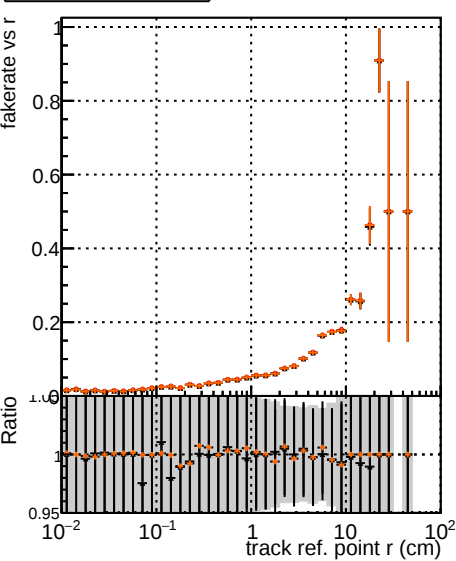
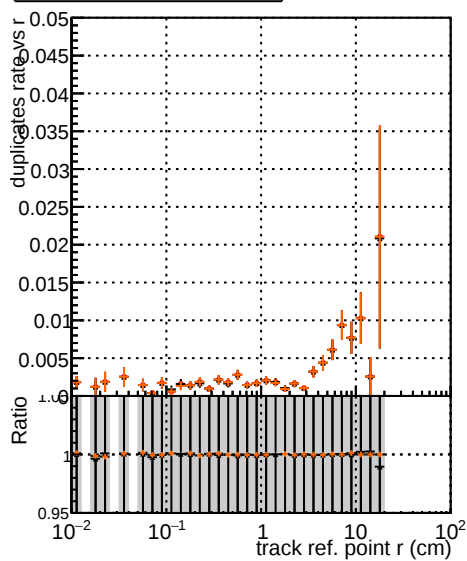


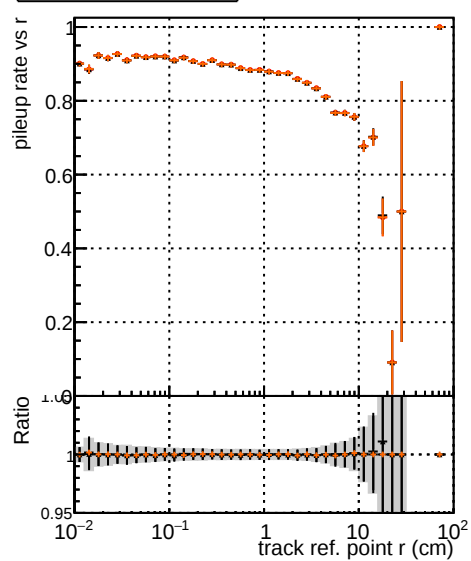
**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**

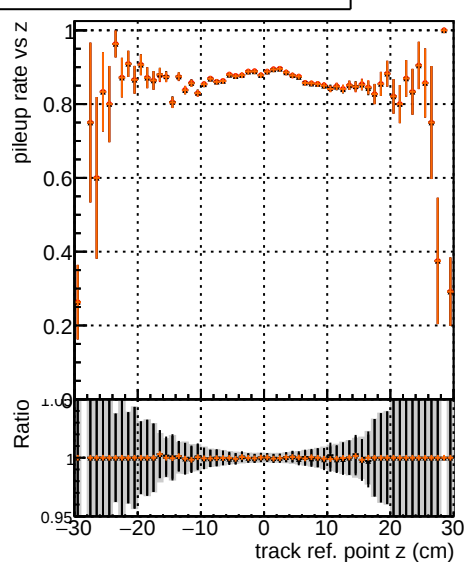
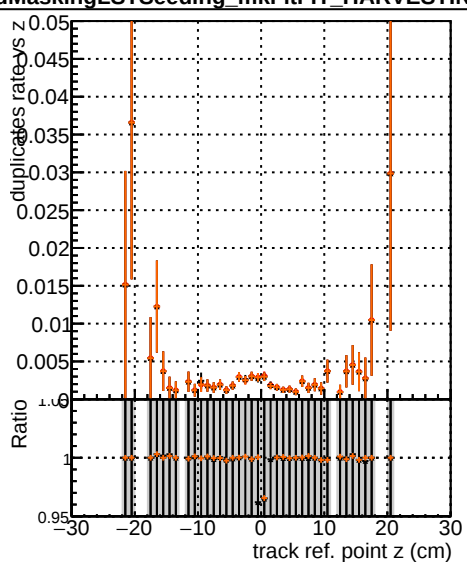
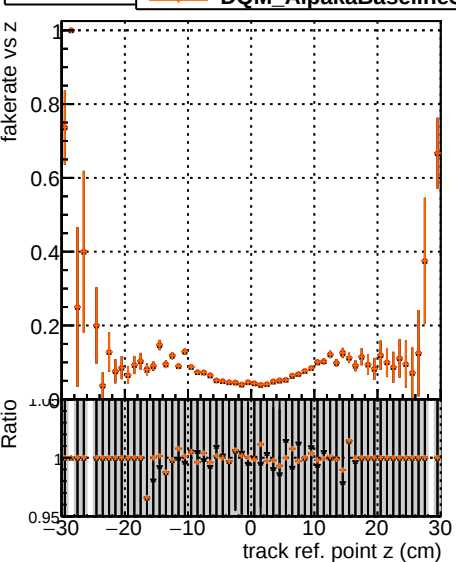


**Pileup rate vs vertpos**

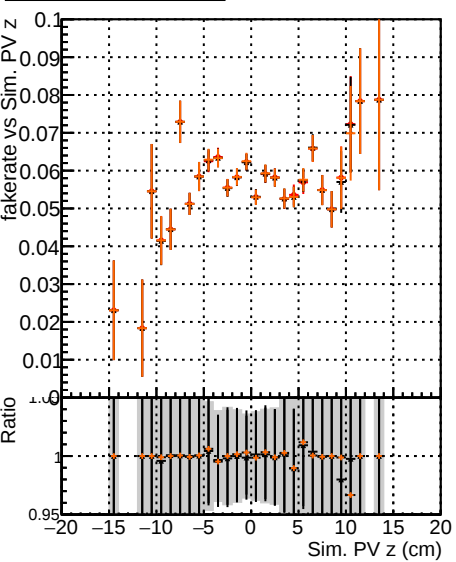


—●— DQM\_AlpaKaBaselineSeedMaskingLSTSeeding\_HARVESTING  
—●— DQM\_AlpaKaBaselineSeedMaskingLSTSeeding\_mkFit\_HARVESTING  
—●— DQM\_AlpaKaBaselineSeedMaskingLSTSeeding\_mkFitFIT\_HARVESTING

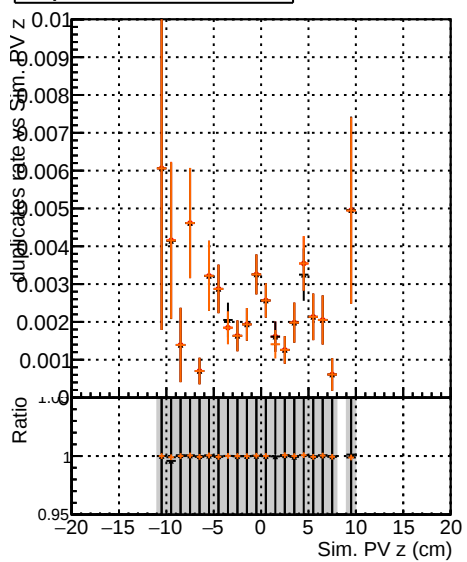
**Fake rate vs v**



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

