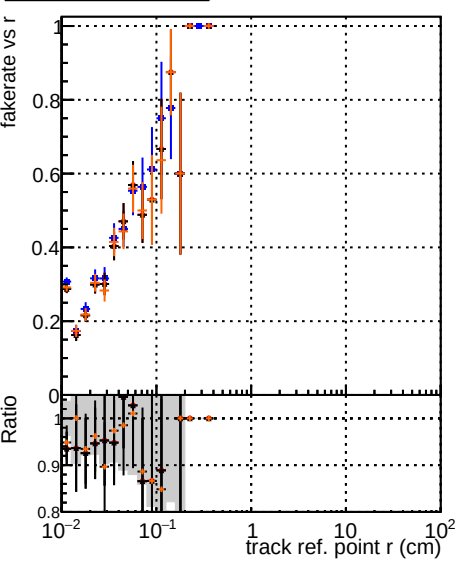
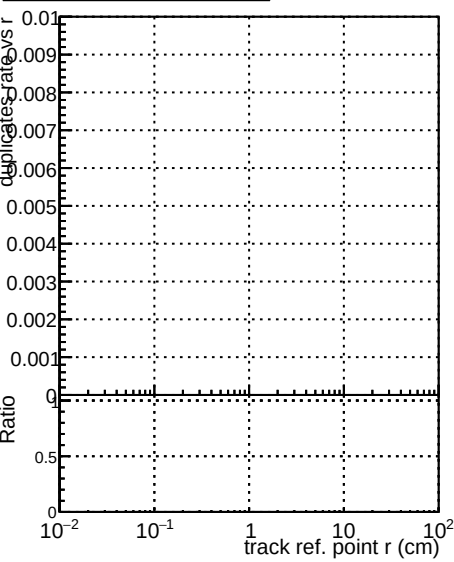


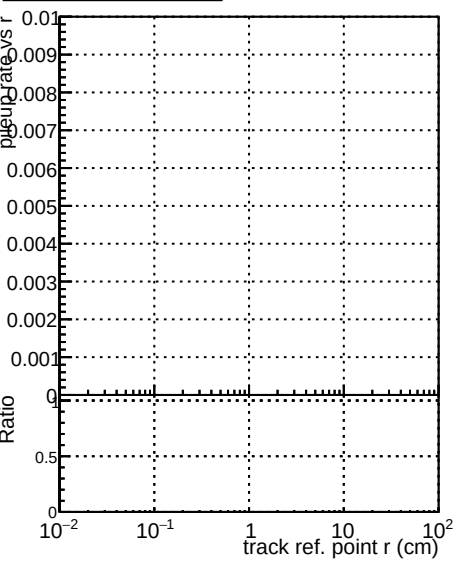
Fake rate vs vertpos



Duplicates Rate vs vertpos

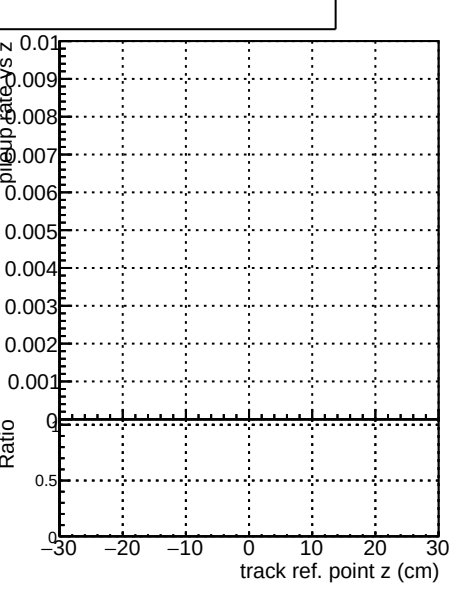
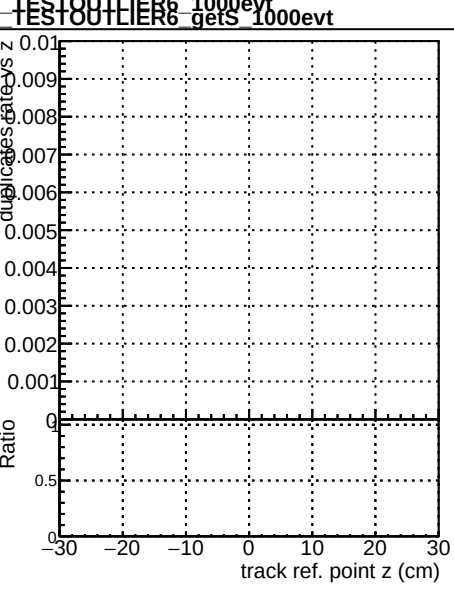
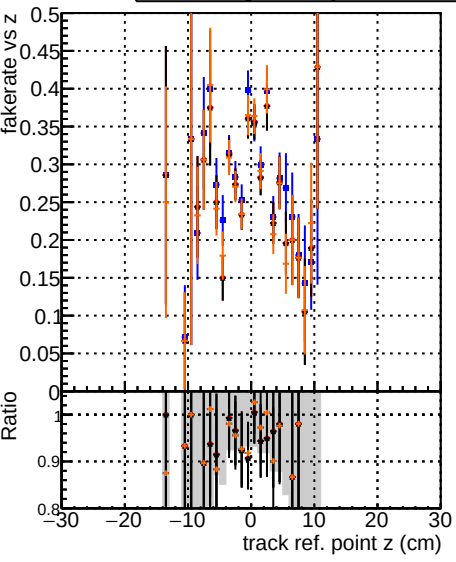


Pileup rate vs vertpos

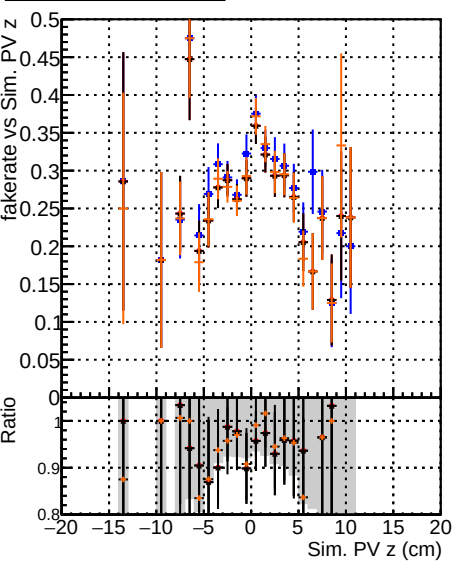


Legend:
- Blue line with circles: BQM original original vector 1000evt
- Red line with circles: BQM fit peak SORT RZ2 TEST OUTLIER5 1000evt
- Black line with circles: BQM fit peak SORT RZ2 TEST OUTLIER6 1000evt
- Orange line with circles: BQM fit peak SORT RZ2 TEST OUTLIER8 gets 1000evt

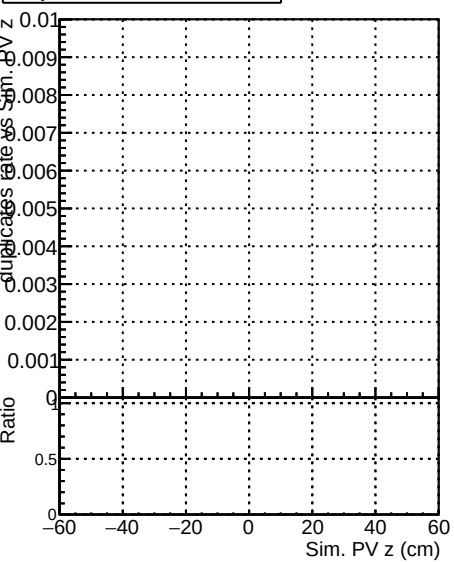
Fake rate vs



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

