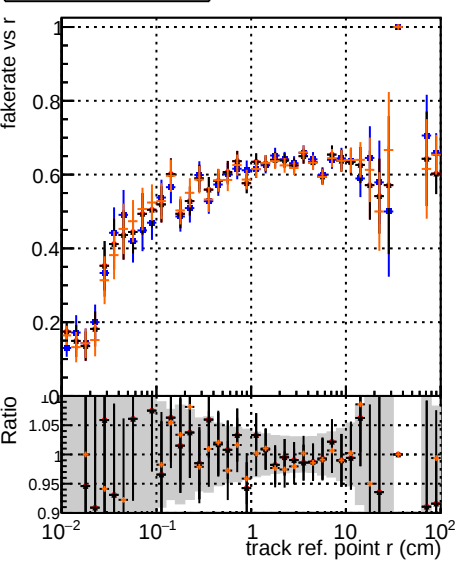
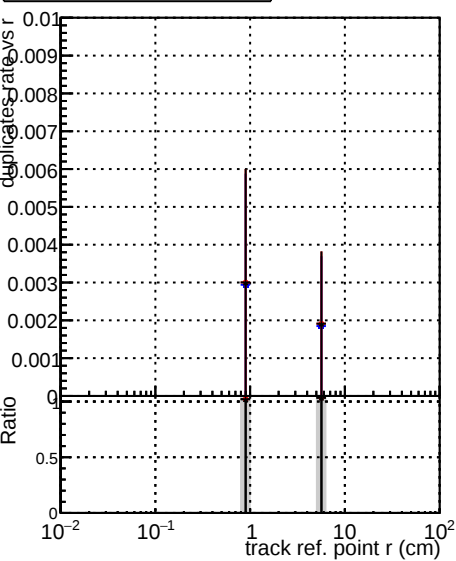


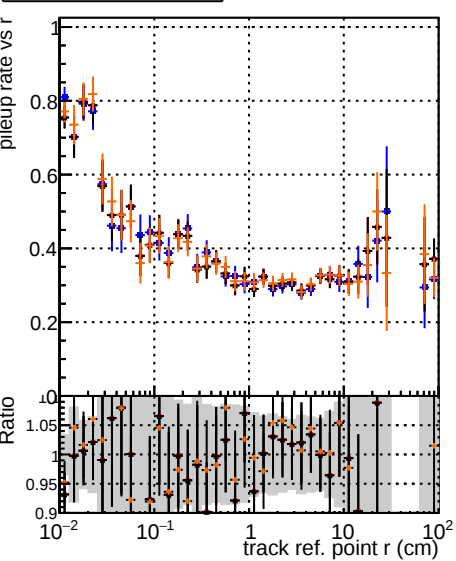
Fake rate vs vertpos



Duplicates Rate vs vertpos

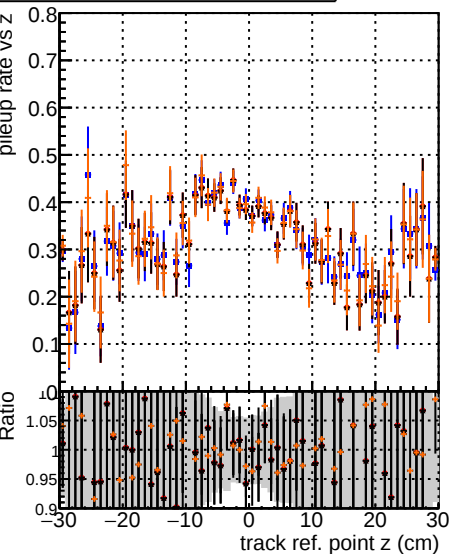
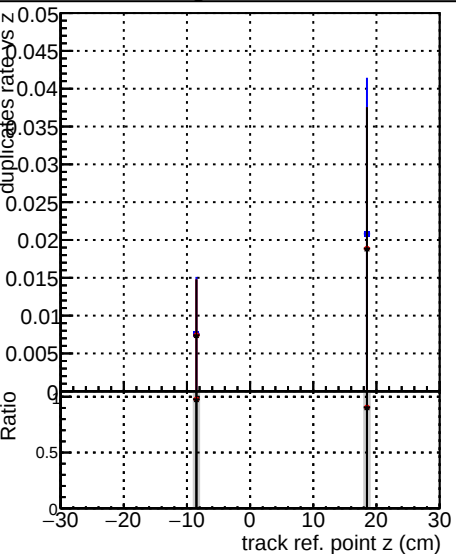
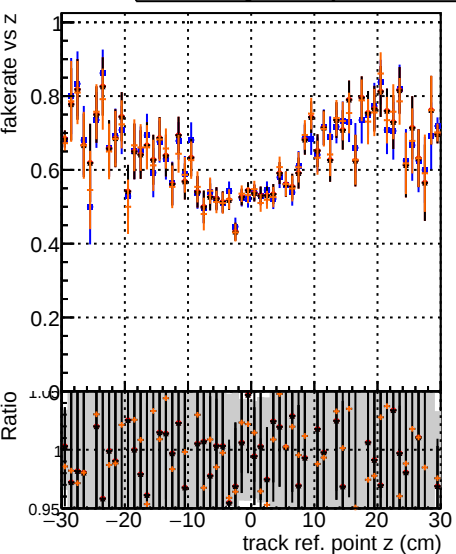


Pileup rate vs vertpos

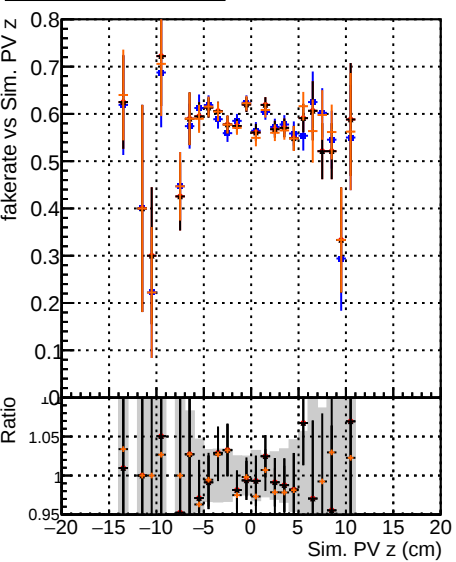


Fake rate vs z

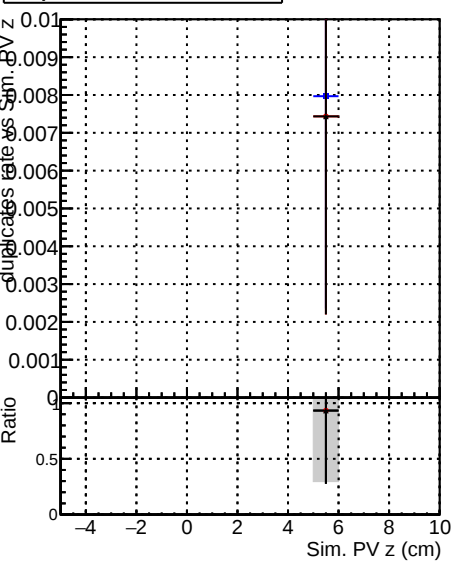
Legend: BQM original (blue squares), BQM fit (red circles), BQM fit cpeak (black triangles), BQM fit cpeak sort rzz test outlier (orange diamonds). BQM original gets 1000evt, BQM fit gets 1000evt, BQM fit cpeak gets 1000evt, BQM fit cpeak sort rzz test outlier gets 1000evt.



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

