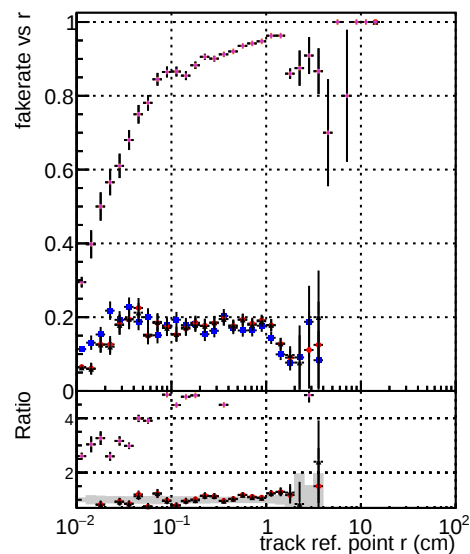
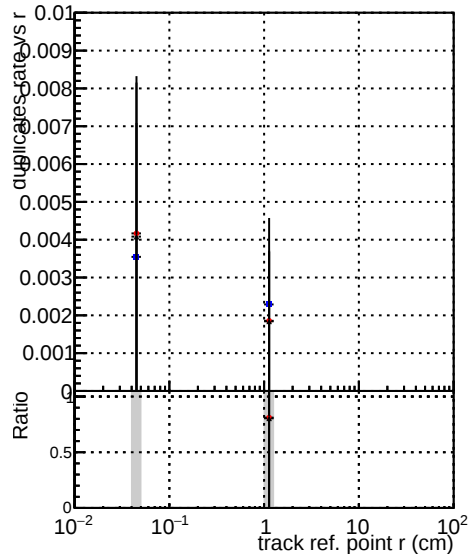


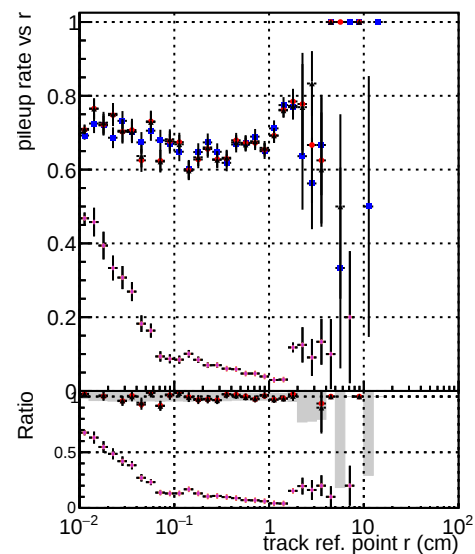
Fake rate vs vertpos



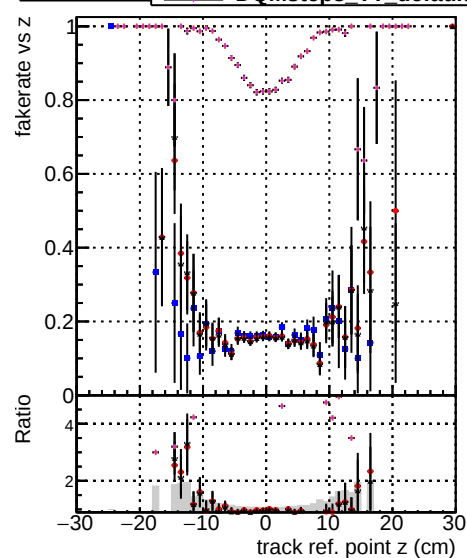
Duplicates Rate vs vertpos



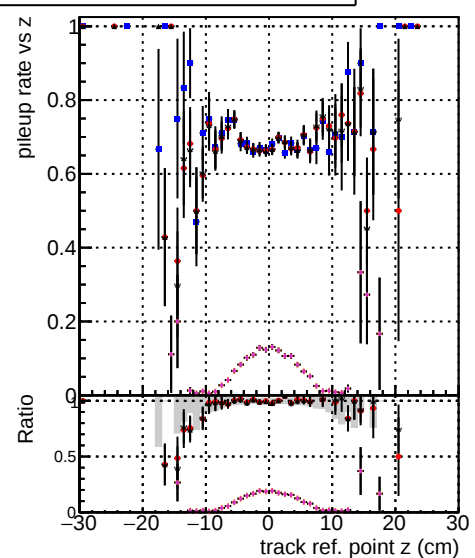
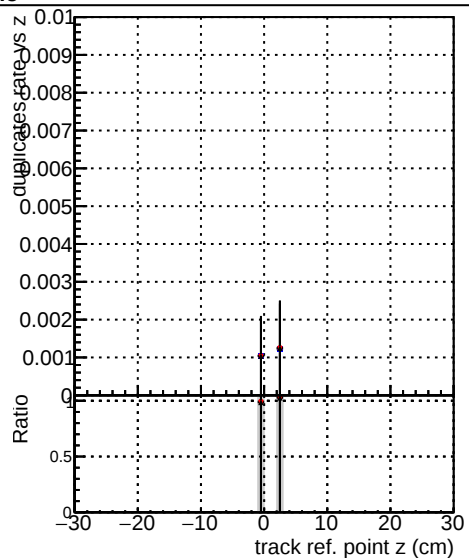
Pileup rate vs vertpos



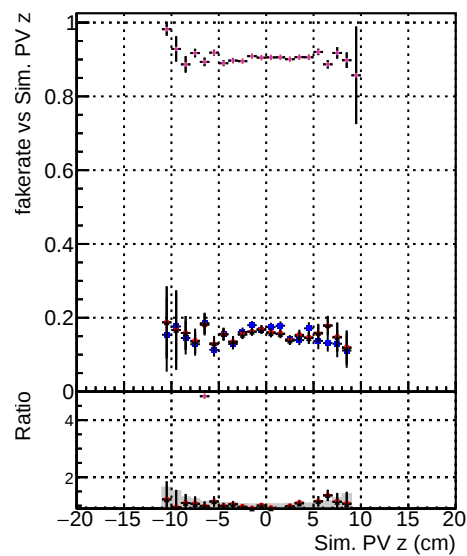
Fake rate vs v



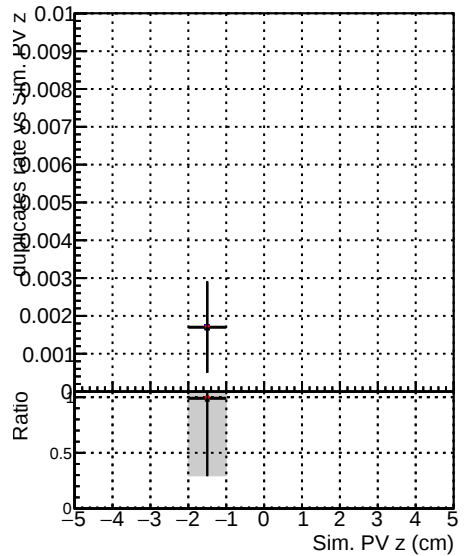
3



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

