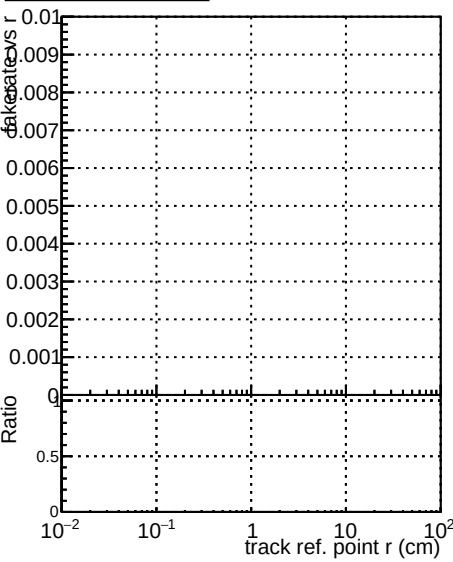


Fake rate vs verpos



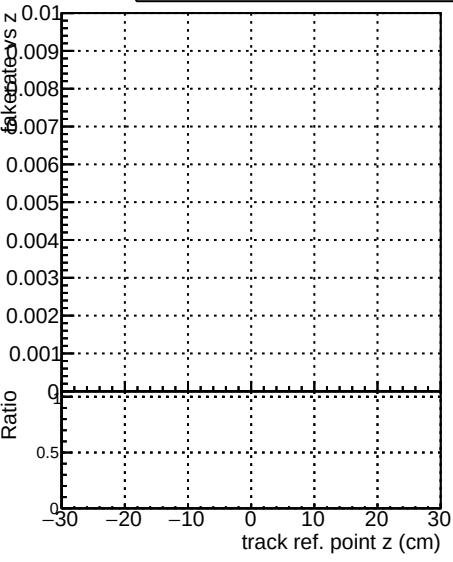
Duplicates Rate vs verpos



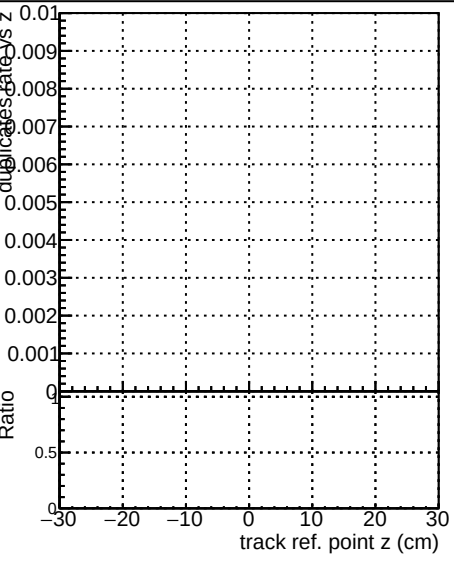
Pileup rate vs verpos



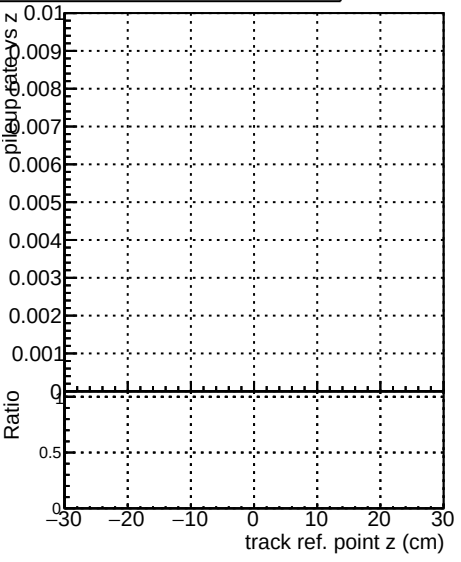
Fake rate vs v



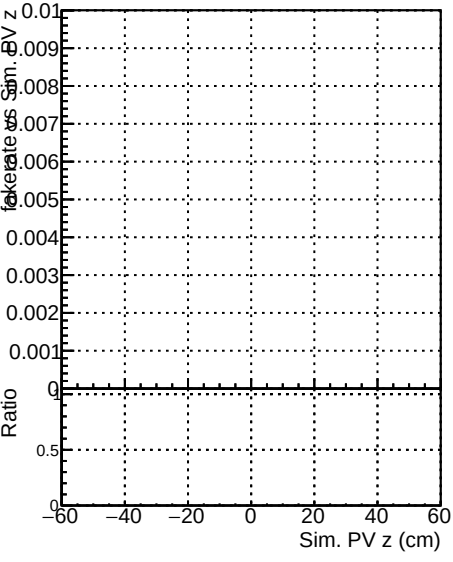
Duplicates Rate vs v



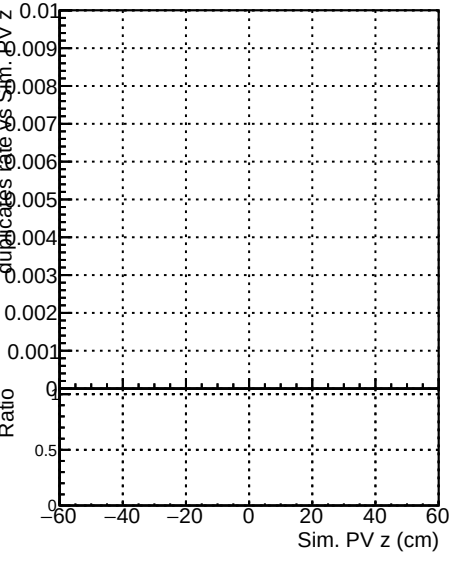
Pileup rate vs v



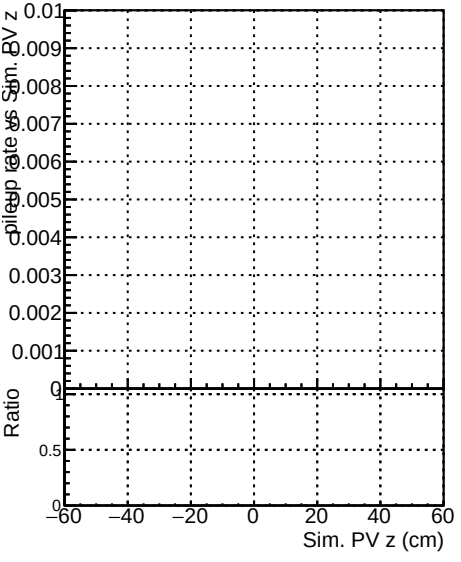
Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z



Legend:
- DQM original step2 ttbar-phase1-newgeom
- DQM pixelCPE step2 ttbar-phase1-newgeom
- DQM pixelCPENoMatR step2 ttbar-phase1-newgeom