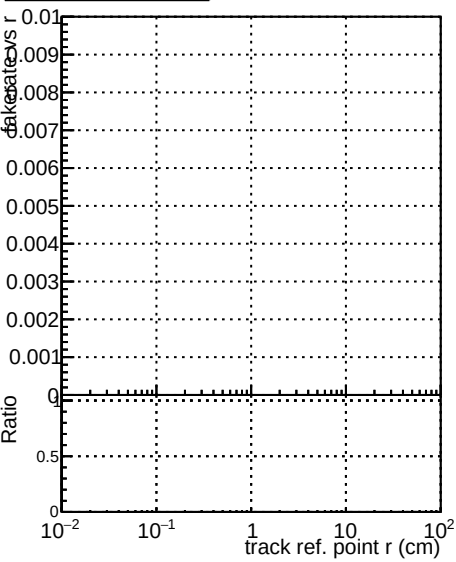
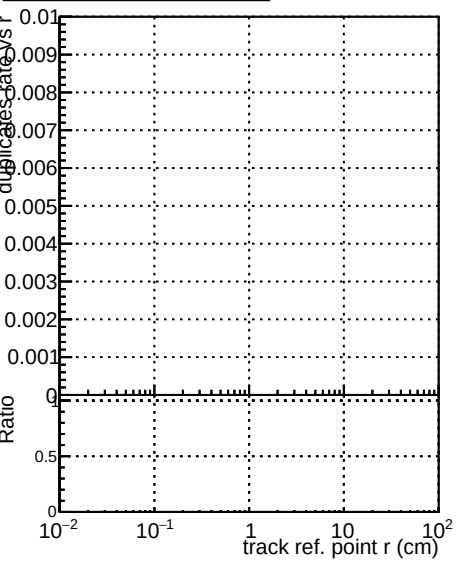


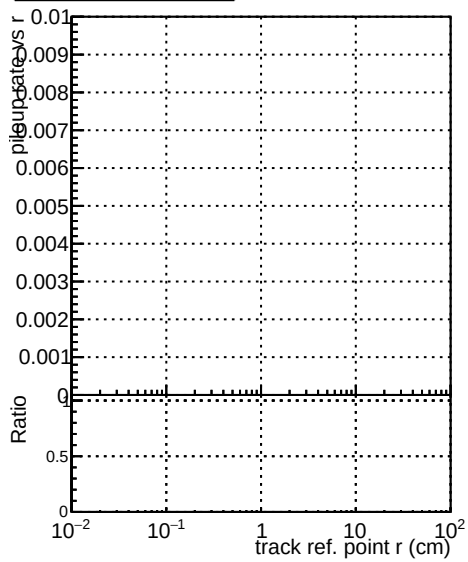
Fake rate vs verpos



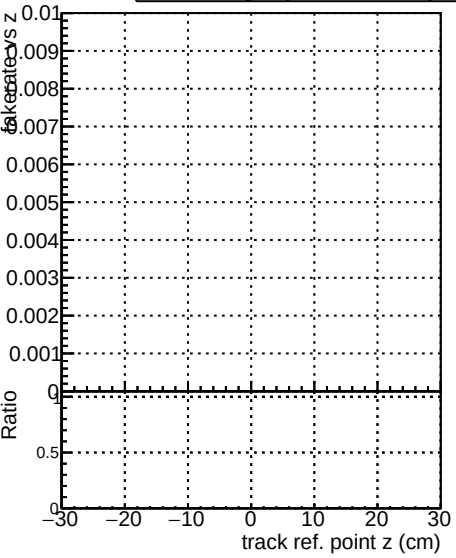
Duplicates Rate vs verpos



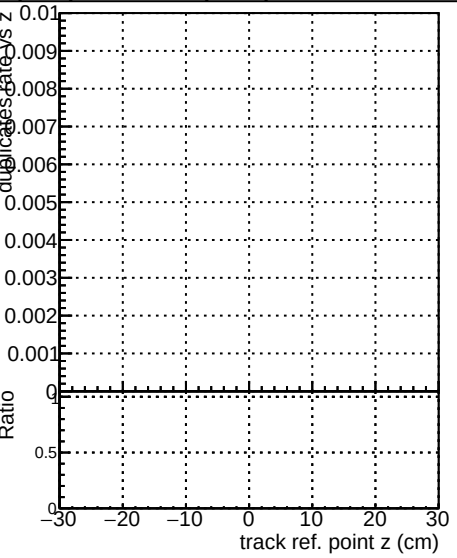
Pileup rate vs verpos



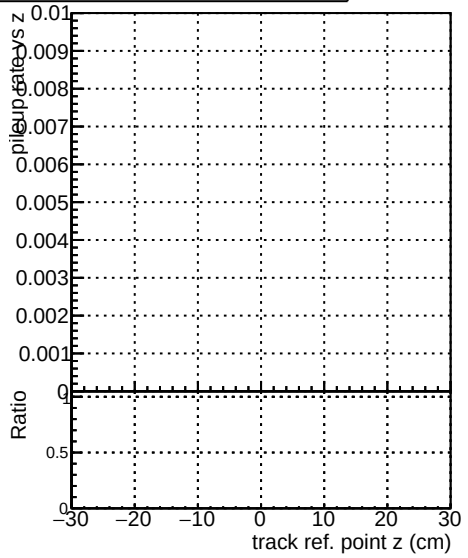
Fake rate vs v



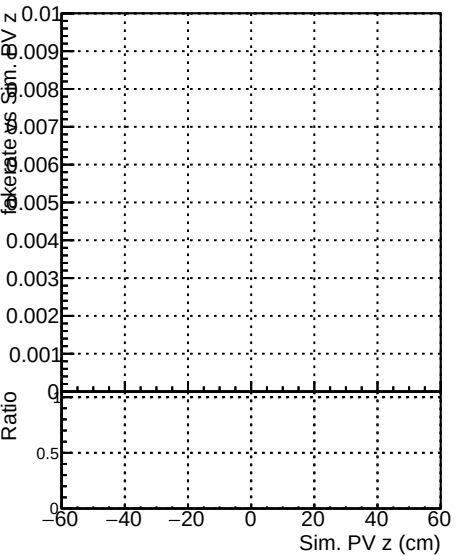
Duplicates Rate vs v



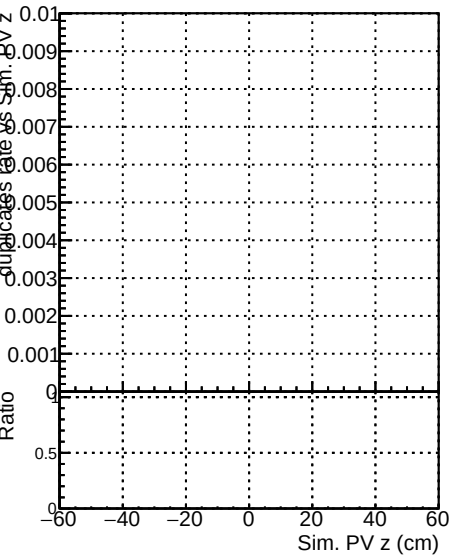
Pileup rate vs v



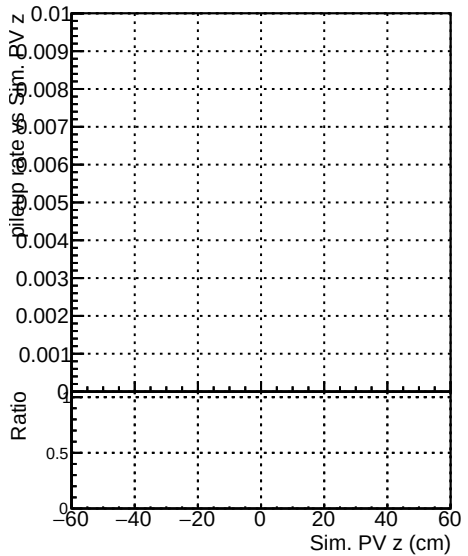
Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z



Legend for all plots:  
- Blue line: DOM original step2 pt1to20 eta2p0to2p5  
- Red line: DOM original step2 pt1to20 eta2p0to2p5  
- Green line: DOM original step2 pt1to20 eta2p0to2p5  
- Orange line: DOM original step2 pt1to20 eta2p0to2p5  
- Purple line: DOM original step2 pt1to20 eta2p0to2p5  
- Black line: DOM original step2 pt1to20 eta2p0to2p5