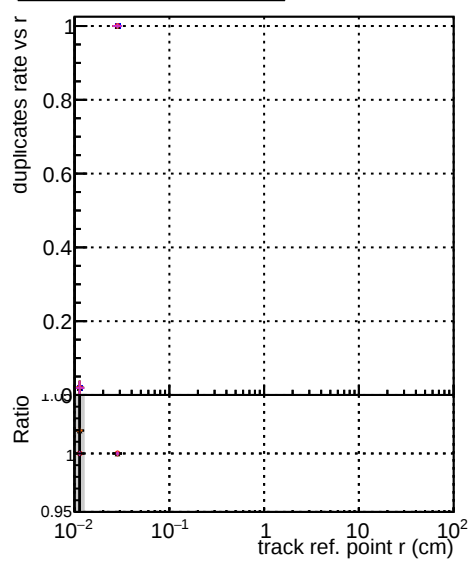


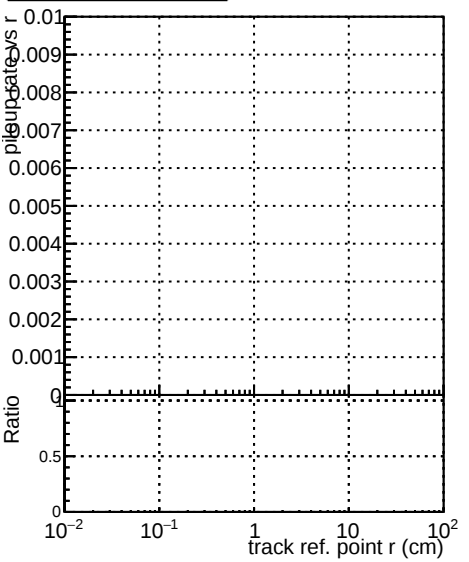
Fake rate vs vertpos



Duplicates Rate vs vertpos

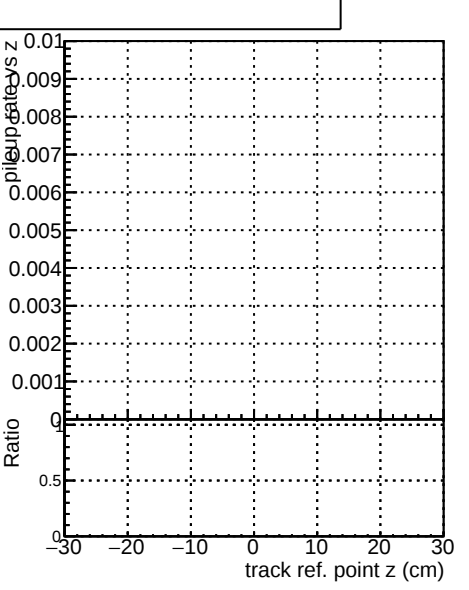
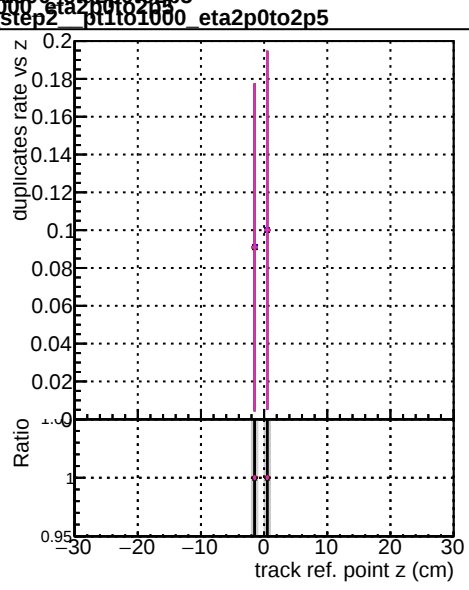
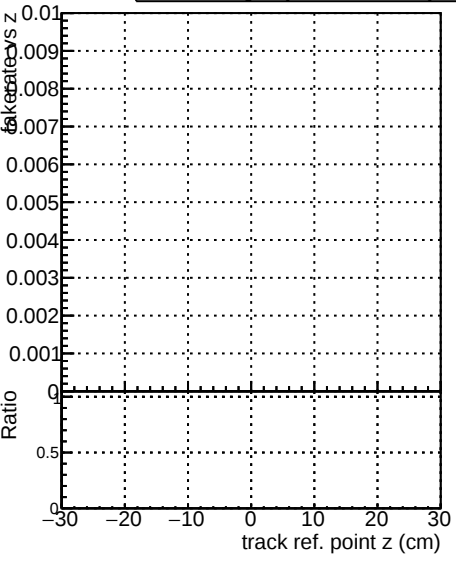


Pileup rate vs vertpos

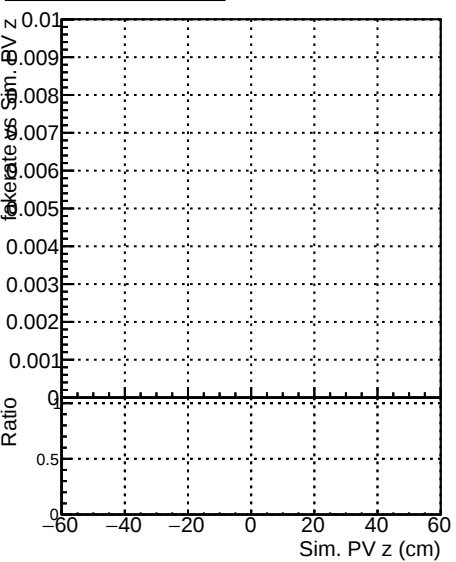


Legend: DOM original step2 pt1to1000 eta2p0to2p5 (blue), DOM angle step2 pt1to1000 eta2p0to2p5 (orange), DOM pixelCP template step2 pt1to1000 eta2p0to2p5 (green), DOM pixelCP template step2 pt1to1000 eta2p0to2p5 (red), DOM pixelCP template step2 pt1to1000 eta2p0to2p5 (purple)

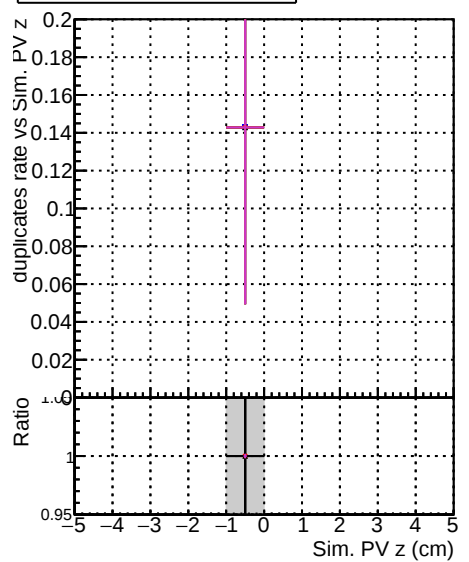
Fake rate vs v



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

