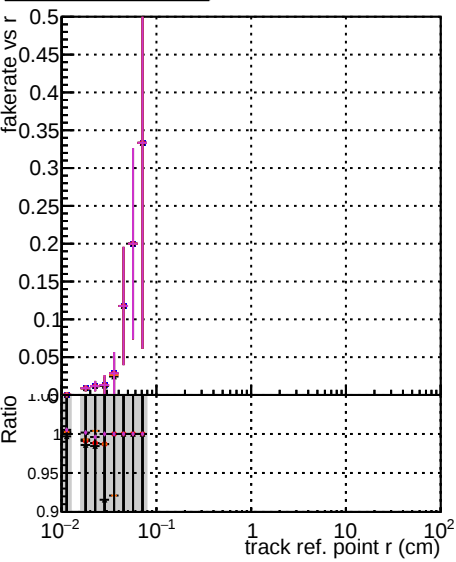
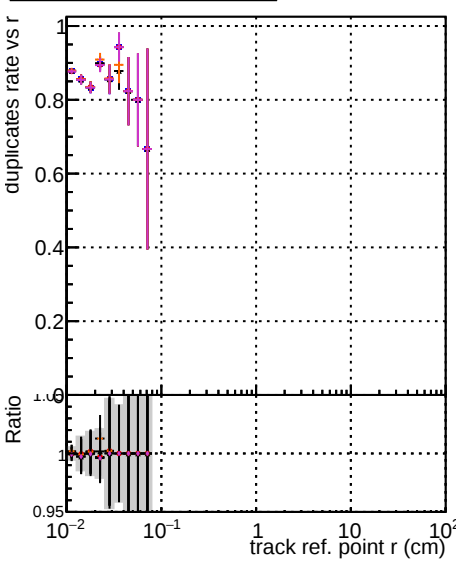


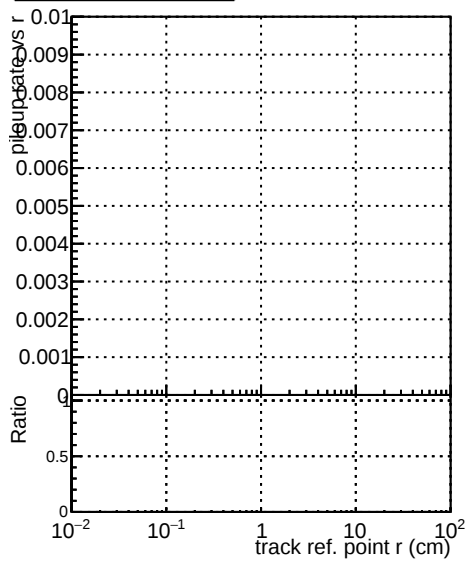
Fake rate vs vertpos



Duplicates Rate vs vertpos

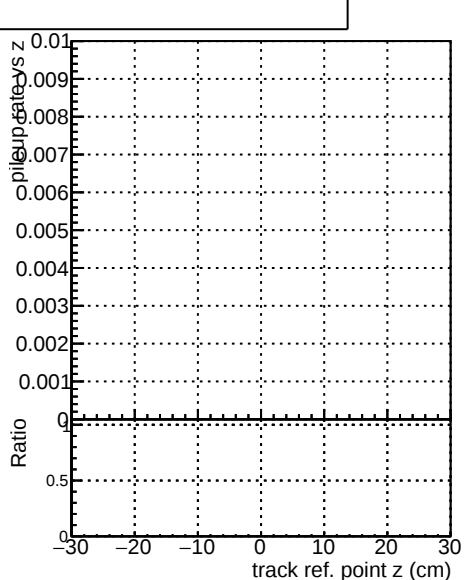
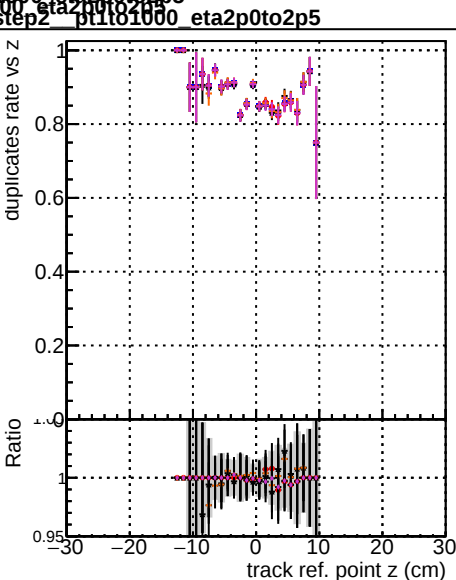
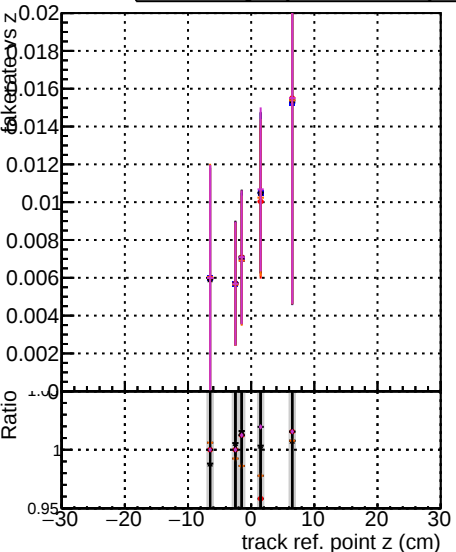


Pileup rate vs vertpos

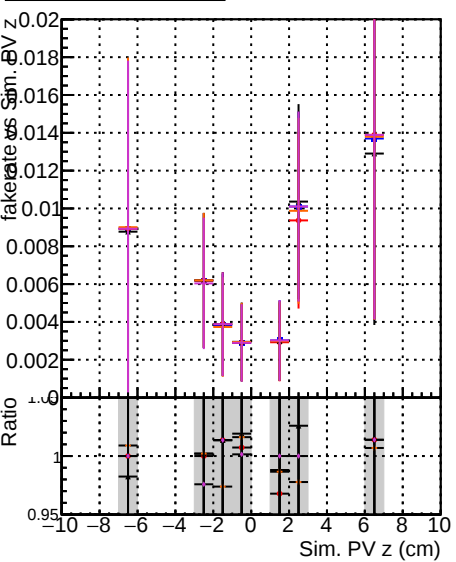


Legend for all plots:
- **DOM original step2 pt1to1000 eta2p0to2p5** (blue line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (orange line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (green line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (red line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (purple line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (brown line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (pink line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (grey line with circles)
- **DOM original step2 pt1to1000 eta2p0to2p5** (black line with circles)

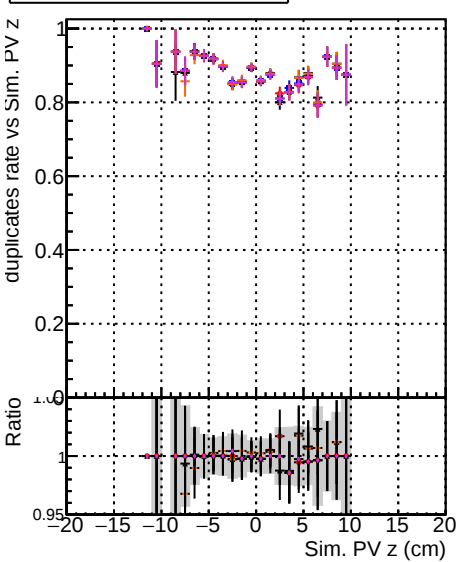
Fake rate vs v



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

