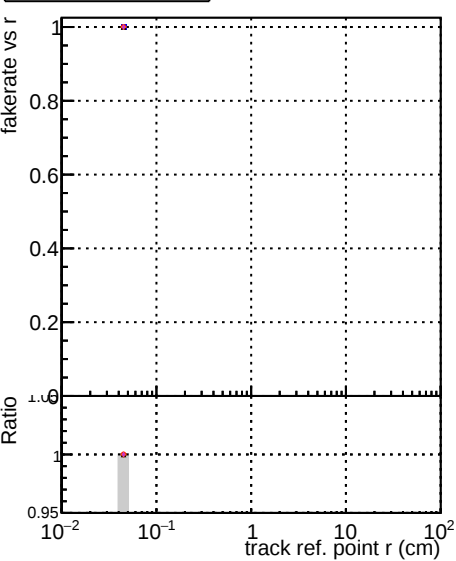


Fake rate vs vertpos



Duplicates Rate vs vertpos

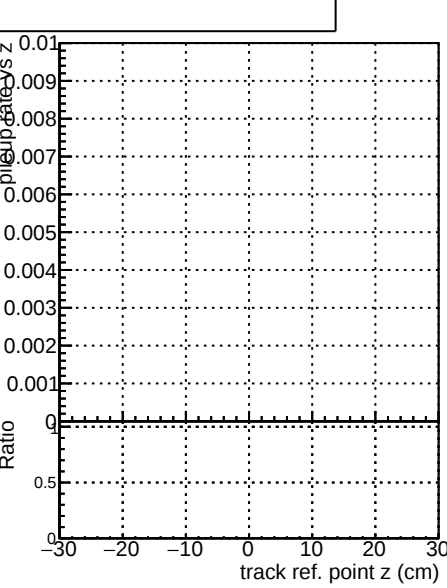
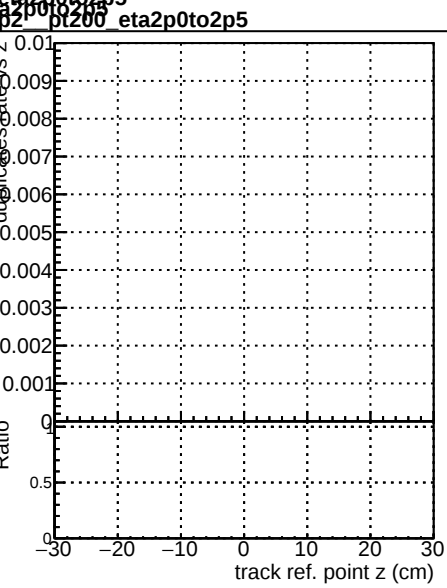
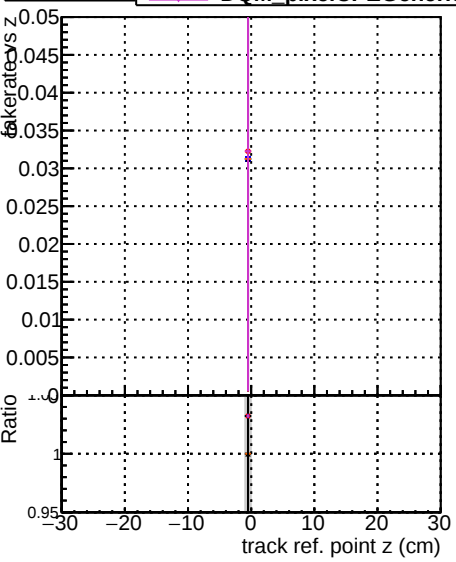


Pileup rate vs vertpos

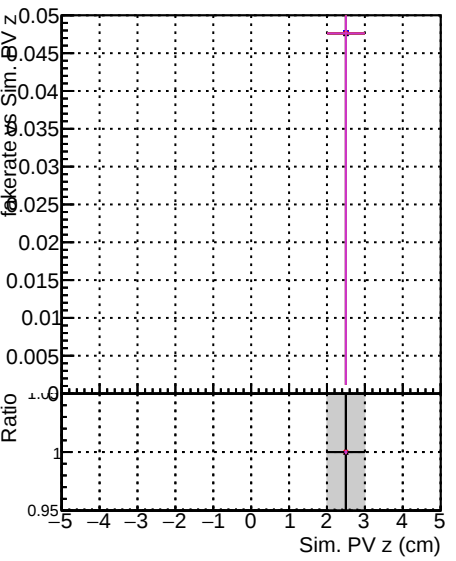


Legend:
- BQM original step2 pt200 eta2p0to2p5
- BQM angle step2 pt200 eta2p0to2p5
- BQM angle step2 pt200 eta2p0to2p5
- BQM angle step2 pt200 eta2p0to2p5
- BQM angle step2 pt200 eta2p0to2p5

Fake rate vs v



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

