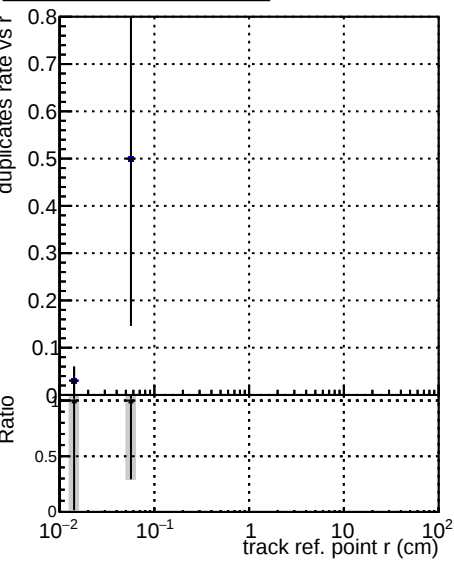


**Fake rate vs verpos**



**Duplicates Rate vs verpos**

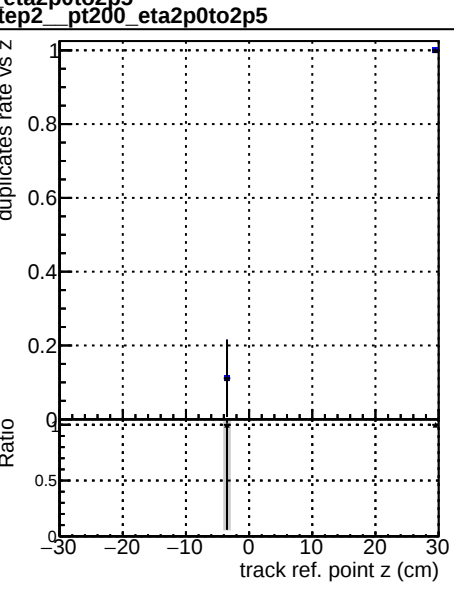
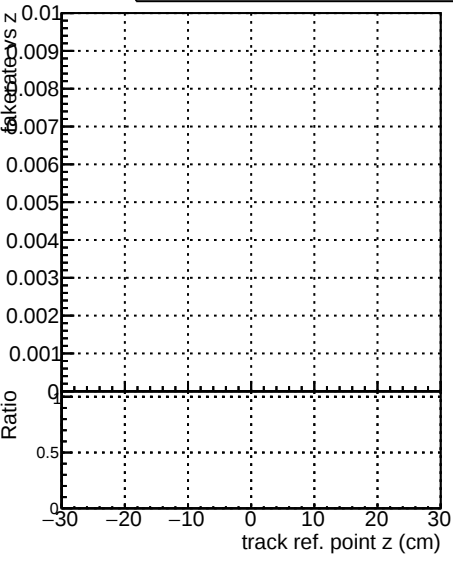


**Pileup rate vs verpos**



—•— DQM\_original\_step2\_pt200\_eta2p0to2p5  
—•— DQM\_mkFit\_step2\_pt200\_eta2p0to2p5  
—•— DQM\_pixelCPETemplate\_step2\_pt200\_eta2p0to2p5

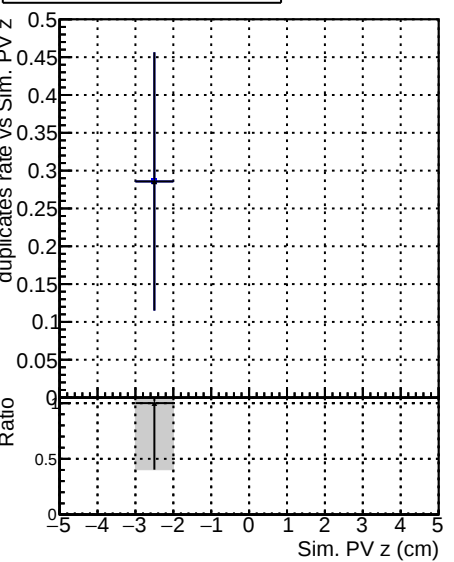
**Fake rate vs v**



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

