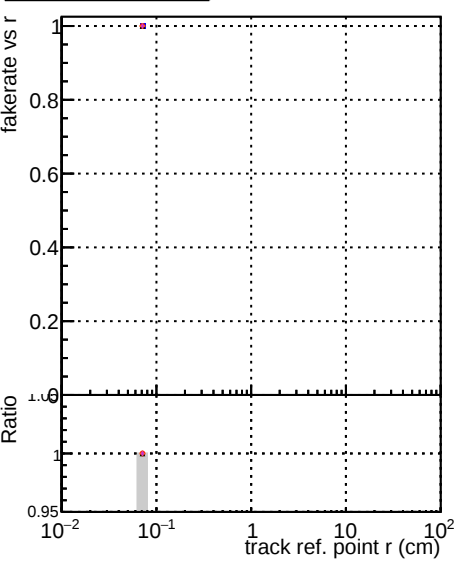


Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



**Fake rate vs v**

**Duplicates Rate vs v**

**Pileup rate vs v**

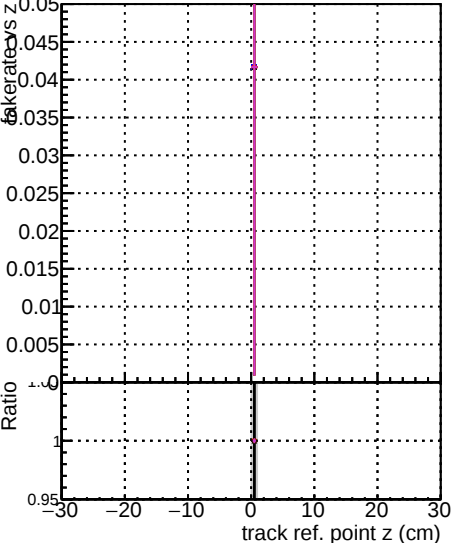
**Fake rate vs sim PV z**

**Duplicates Rate vs sim PV z**

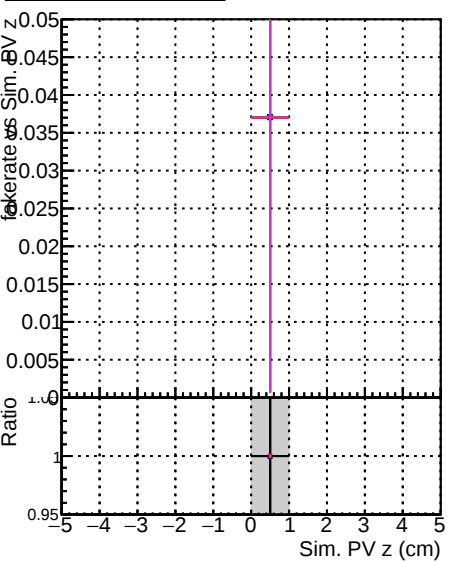
**Pileup rate vs sim PV z**

**Legend:**

- original\_step2\_pt1to1000\_eta2p0to2p5
- angle\_step2\_pt1to1000\_eta2p0to2p5
- angle\_step2\_pt1to1000\_eta2p0to2p5
- fixerCPGeneric\_step2\_pt1to1000\_eta2p0to2p5



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

