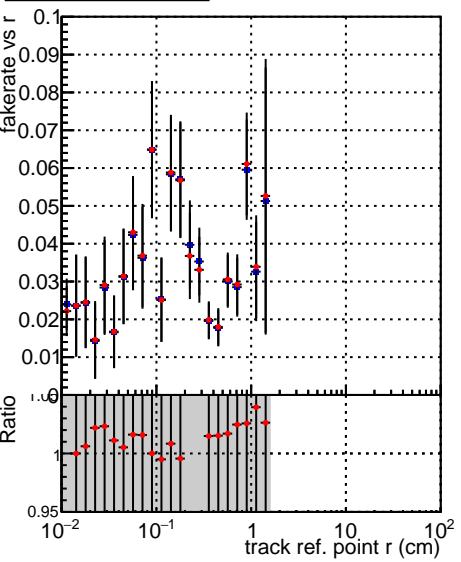
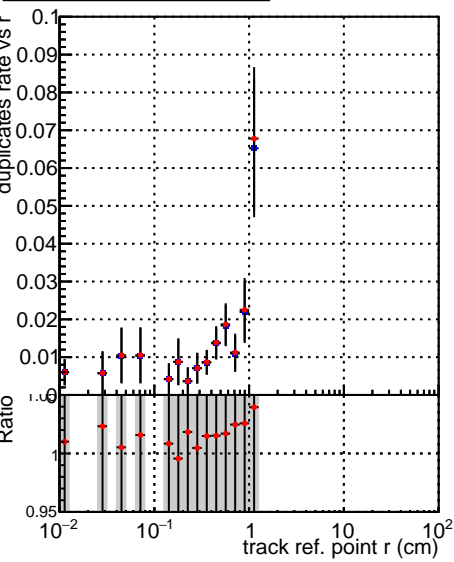
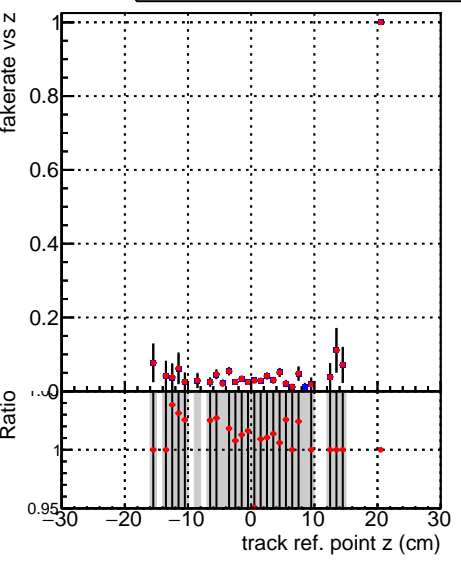
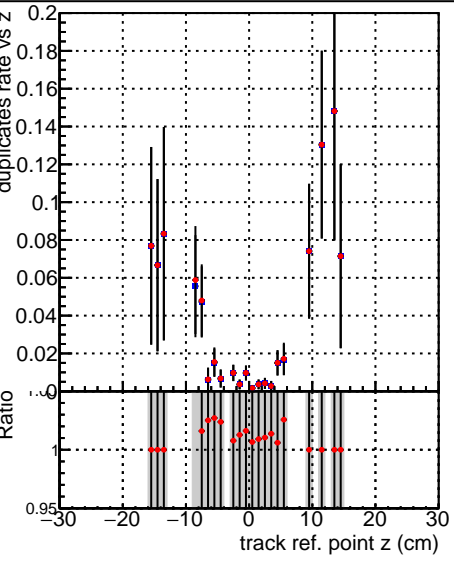
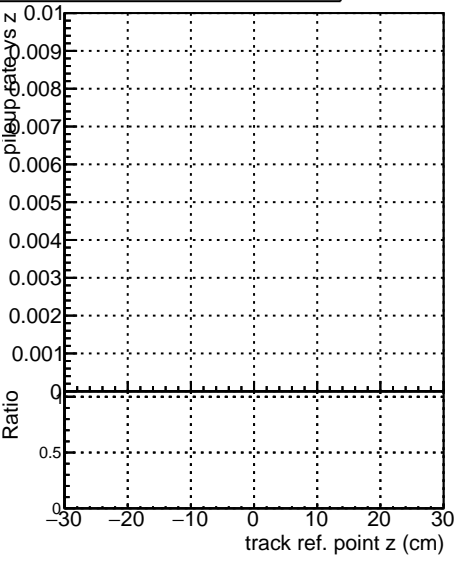
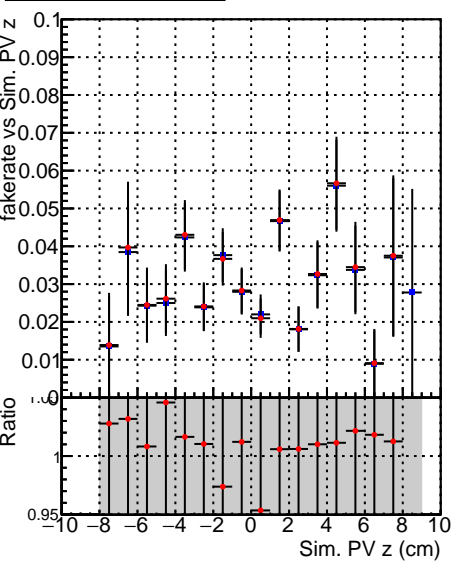
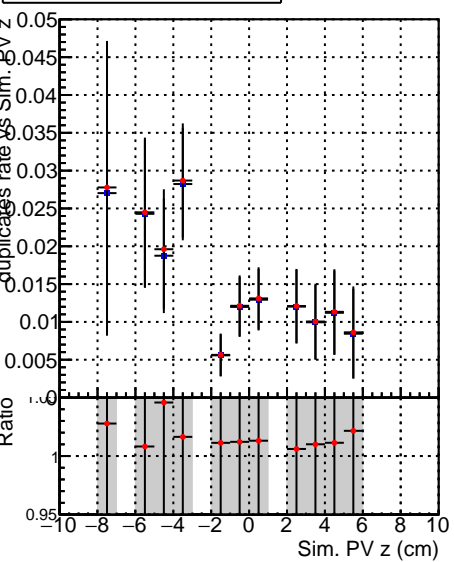


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos**
**Legend:**  
■ SoftQCD\_default  
● SoftQCD\_ckfPixelLessStep
**Fake rate vs v****Duplicates rate vs v****Pileup rate vs v****Fake rate vs. sim PV z****Duplicates Rate vs sim PV z****Pileup rate vs. sim PV z**