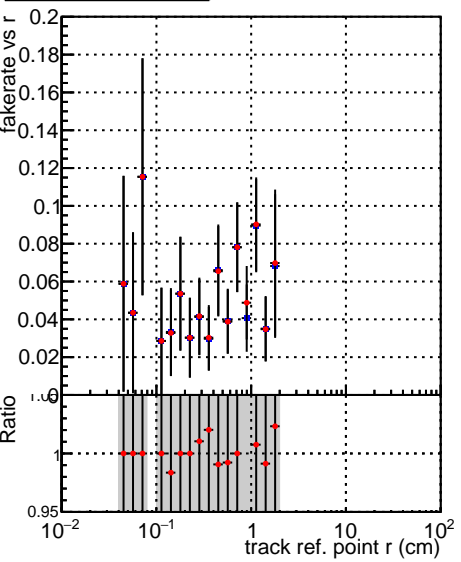
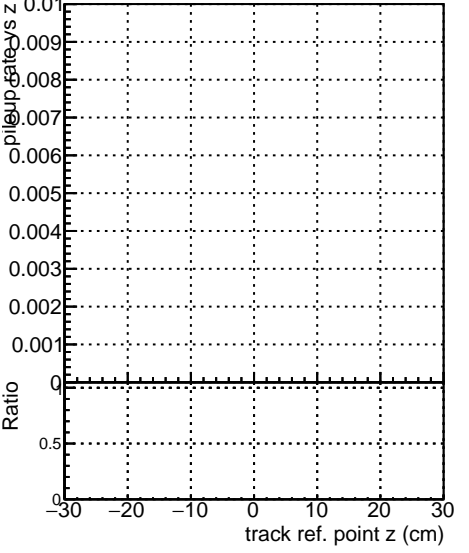
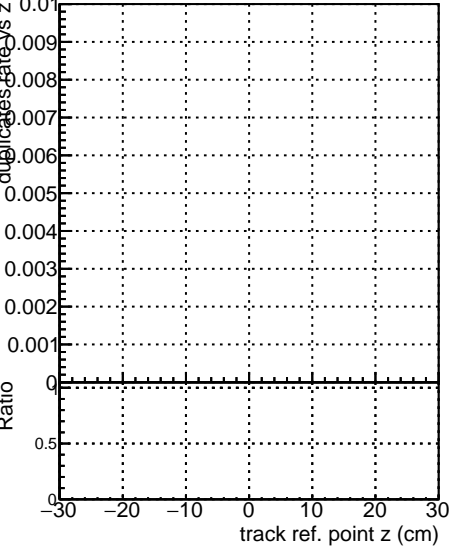
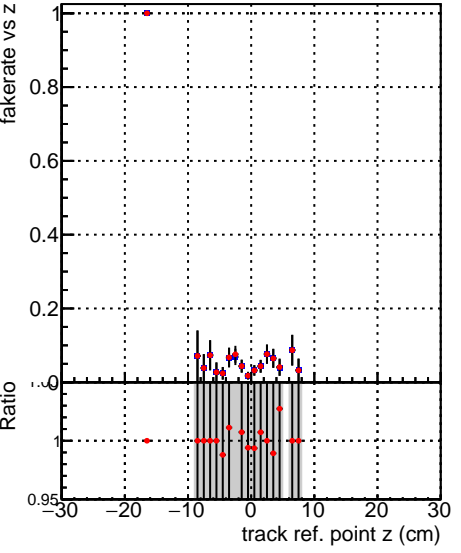
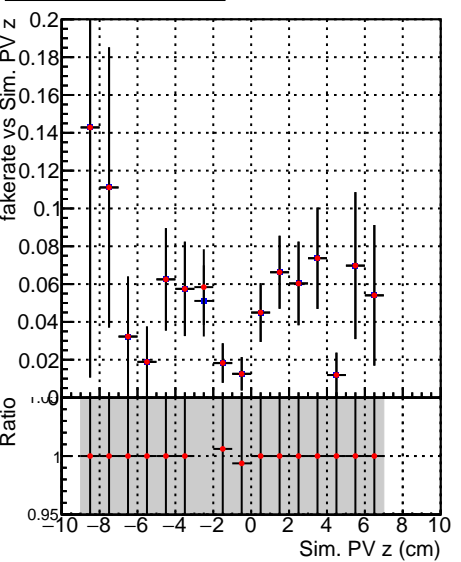
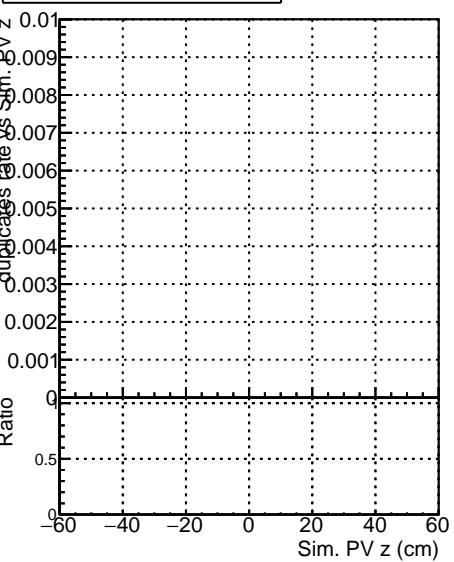


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos**
**Fake rate vs v**  
 SoftQCD\_default (grey bars, blue dots)  
 SoftQCD\_ckfPixelLessStep (red dots)
**Fake rate vs. sim PV z****Duplicates Rate vs sim PV z****Pileup rate vs. sim PV z**