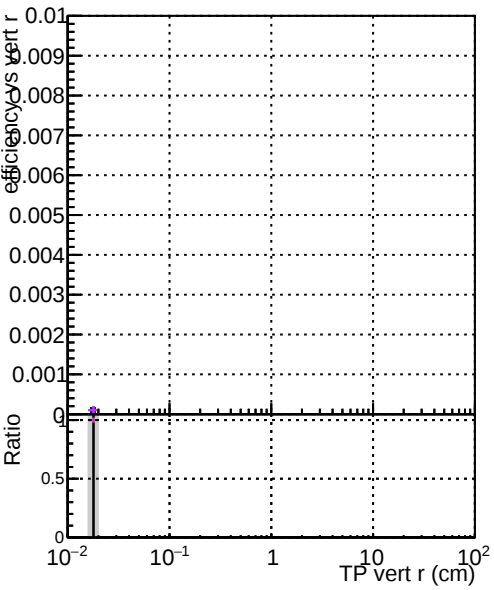


Efficiency vs vertpos

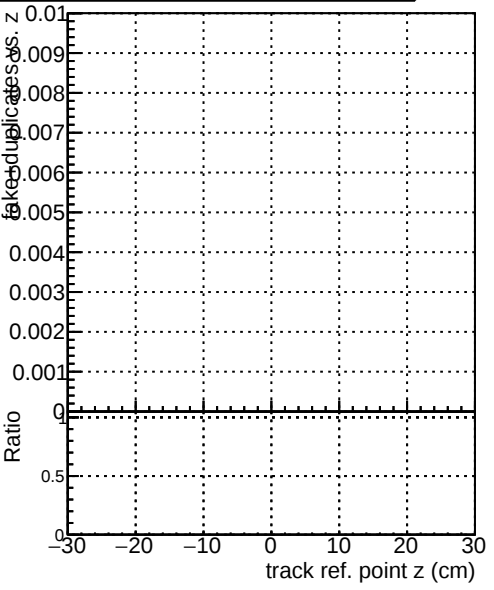
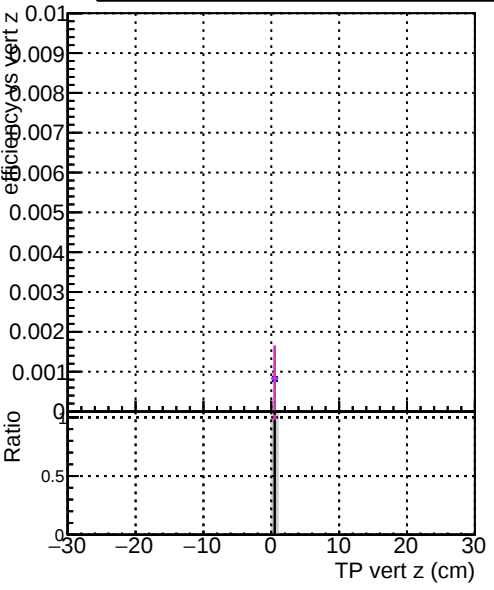


fake+duplicates vs vert r

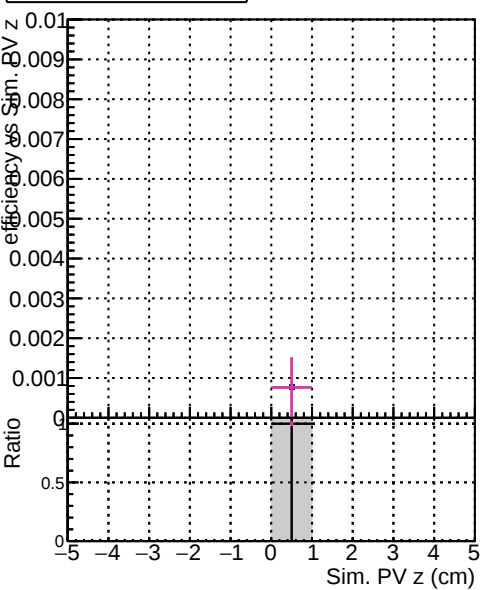


Efficiency

- DOM original\_step2\_pt1to20\_eta0p0to0p4
- DOM angle\_step2\_pt1to20\_eta0p0to0p4
- DOM fast\_step2\_pt1to20\_eta0p0to0p4
- DOM mkFit\_step2\_pt1to20\_eta0p0to0p4
- DOM CPEpixel2\_step2\_pt1to20\_eta0p0to0p4



Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

