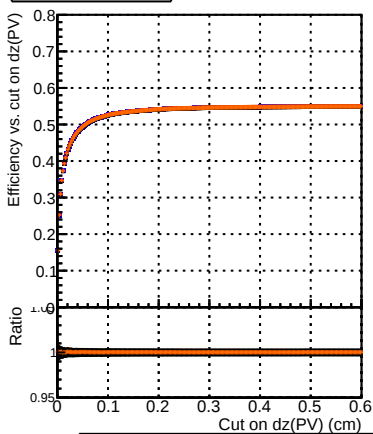
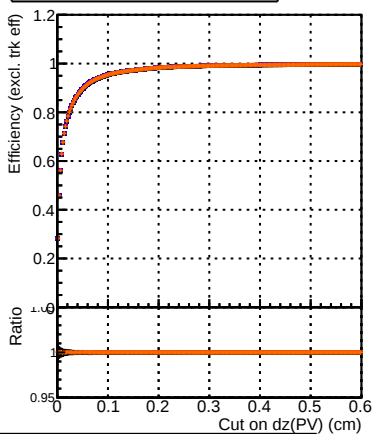


Efficiency vs. dz (PV)



Efficiency (tracking eff factorized out) vs. dz (PV)



Fake rate

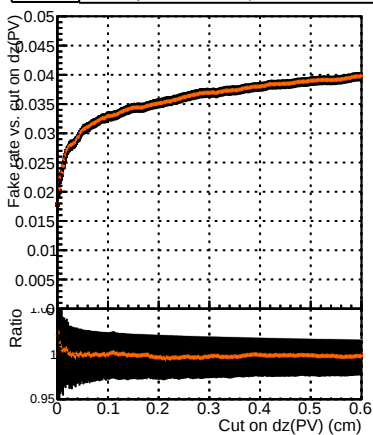


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'Cut on dz(PV) (cm)' ranging from 0 to 0.6. The top plot's y-axis is 'Pileup rate vs. cut on dz(PV)' ranging from 0.0 to 0.8. It shows a curve starting at approximately 0.05 at x=0 and increasing monotonically to about 0.5 at x=0.6. The bottom plot's y-axis is 'Ratio' ranging from 0.95 to 1.1. It shows a curve starting at approximately 1.05 at x=0, dropping sharply to about 1.0 at x=0.05, and then remaining relatively flat around 1.0 for the rest of the range.