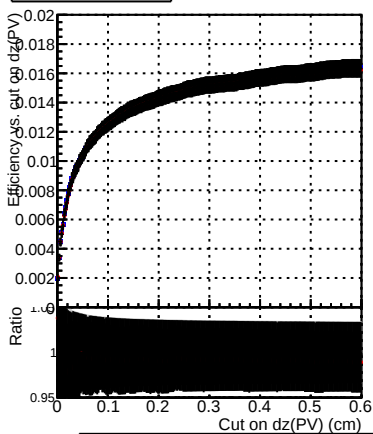
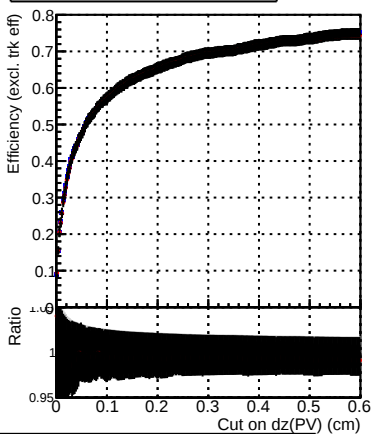


Efficiency vs. dz (PV)



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



Fake rate $\rightarrow$ DQM TT_MODIFIED propToPlane PRVersionFINAL4

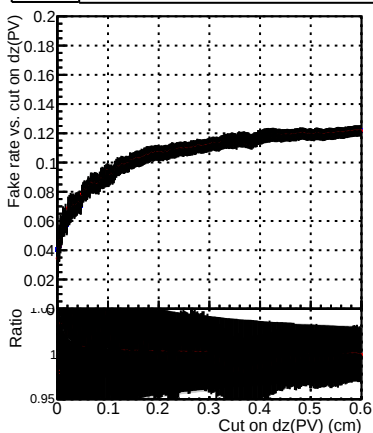


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'Cut on dz(PV) (cm)' ranging from 0 to 0.6. The top plot's y-axis is 'Pileup rate vs. cut on dz(PV)' ranging from 0.0 to 0.8. It shows data points (black dots) and a solid black line representing a fit. The pileup rate increases from approximately 0.1 at 0 cm to about 0.58 at 0.6 cm. The bottom plot's y-axis is 'Ratio' ranging from 0.95 to 1.05. It shows data points (black dots) and a solid black line representing a fit. The ratio starts at approximately 1.0 at 0 cm and decreases to about 0.98 at 0.6 cm.