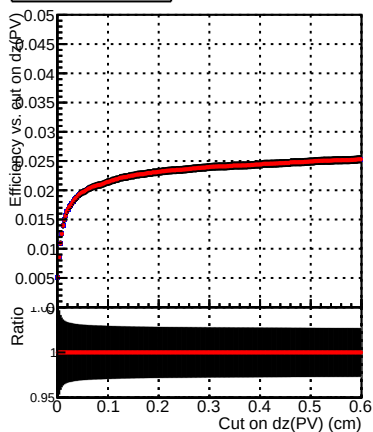
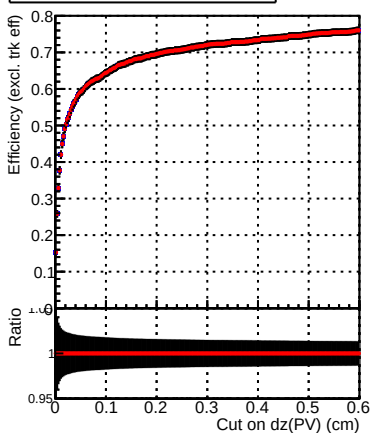


Efficiency vs. dz (PV)



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



Category	Rate
Real rate	1.5%
Fake rate	1.5%

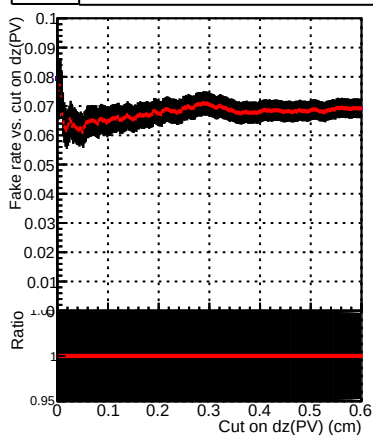


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'Cut on dz(PV) (cm)' ranging from 0 to 0.6. The top plot's y-axis is 'Pileup rate vs. cut on dz(PV)' ranging from 0 to 0.5. It shows a black curve representing the pileup rate and a red curve representing the cut on dz(PV). Both curves start at (0,0) and increase monotonically, with the red curve being slightly above the black curve. The bottom plot's y-axis is 'Ratio' ranging from 0.95 to 1.0. It shows a black curve representing the ratio of the pileup rate to the cut on dz(PV) and a red horizontal line at y=1.0. The black curve starts at (0,1.0) and decreases slightly as the cut on dz(PV) increases, remaining above the red line.