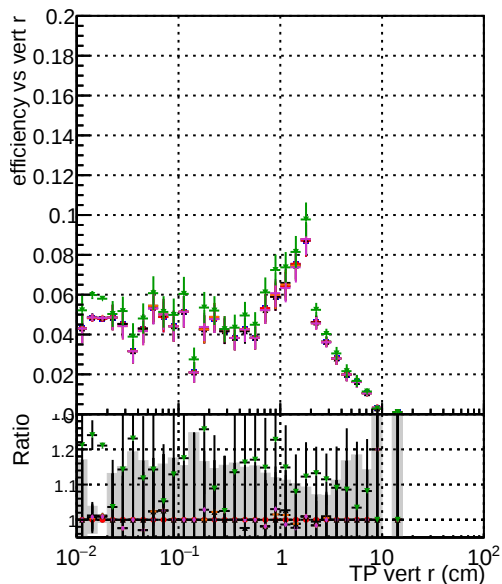
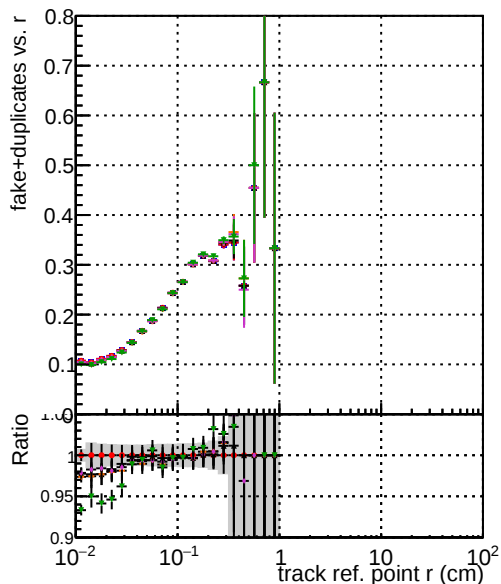


Efficiency vs vertpos



fake+duplicates vs vert r



Efficiend

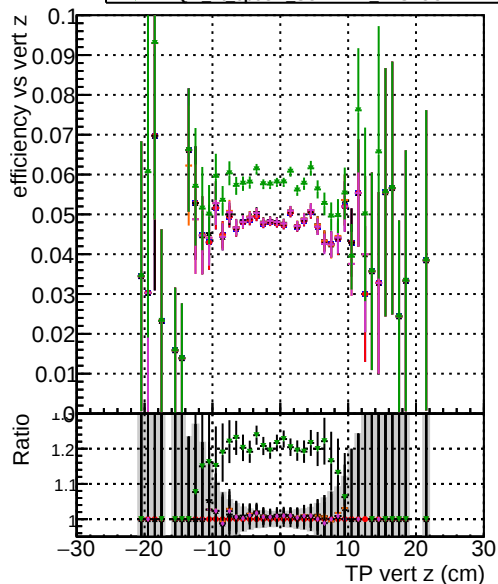
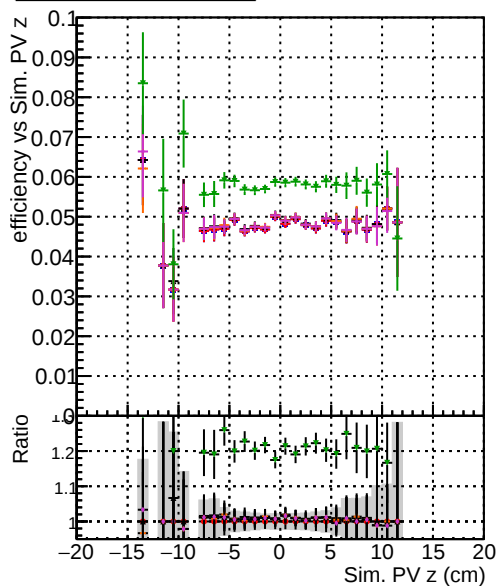


Figure 1 consists of two panels. The top panel is a plot of the ratio of fake+duplicates to z versus track ref. point z (cm). The x-axis ranges from -30 to 30 cm, and the y-axis ranges from 0.0 to 0.8. Data points are shown with error bars, and a solid line represents a fit. The ratio is low (around 0.15) for z between -10 and 10 cm and increases sharply for z outside this range, reaching about 0.75 at $z \approx \pm 15$ cm. The bottom panel is a plot of the ratio versus track ref. point z (cm). The x-axis ranges from -30 to 30 cm, and the y-axis ranges from 0.9 to 1.0. Data points are shown with error bars, and a solid line represents a fit. The ratio is constant at 1.0 across the entire range of z .

Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

