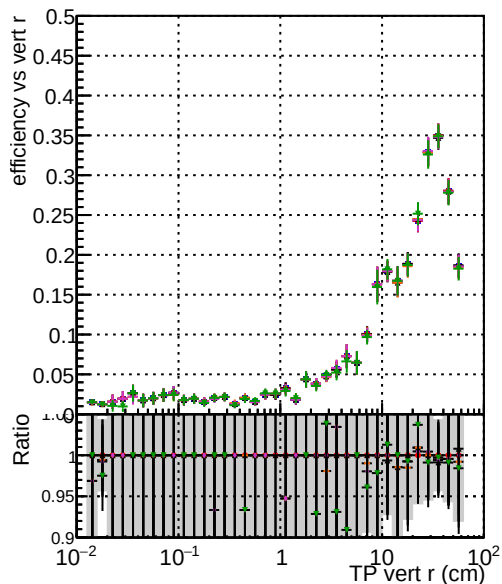
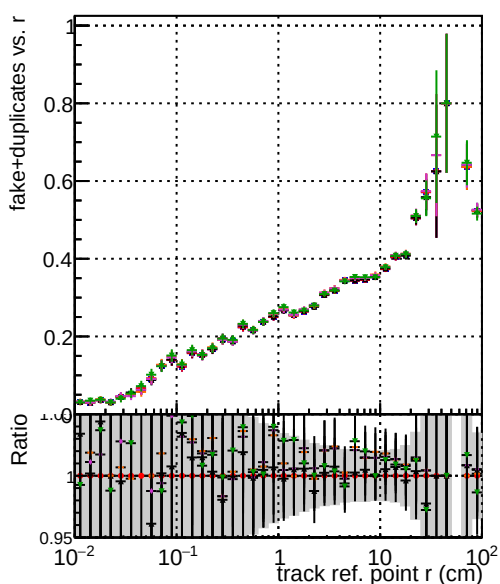


Efficiency vs vertpos



fake+duplicates vs vert r



Efficiend

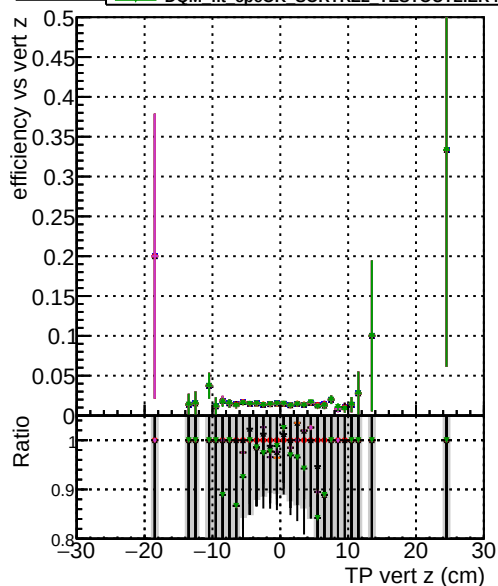
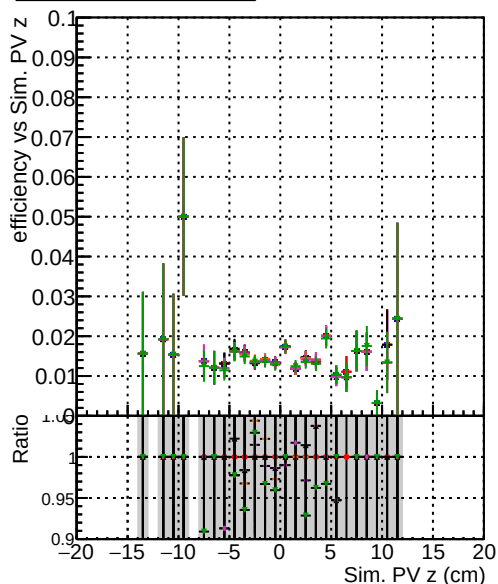


Figure 1 consists of two panels. The top panel is a scatter plot with error bars showing 'fake+duplicates vs. z' on the y-axis (ranging from 0.1 to 0.8) against 'track ref. point z (cm)' on the x-axis (ranging from -30 to 30). The data points are colored green and magenta, showing a clear U-shaped trend with a minimum around z=0. The bottom panel is a scatter plot with error bars showing 'Ratio' on the y-axis (ranging from 0.95 to 1.05) against 'track ref. point z (cm)' on the x-axis (ranging from -30 to 30). The data points are colored green and magenta, showing a relatively flat distribution around a ratio of 1.0, with a red horizontal line indicating the 1.0 level.

Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

