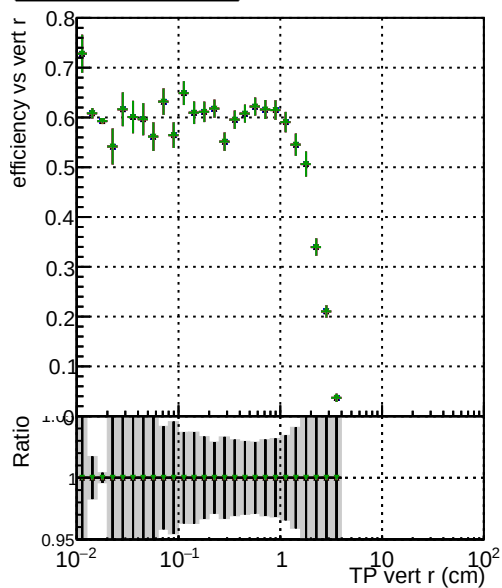
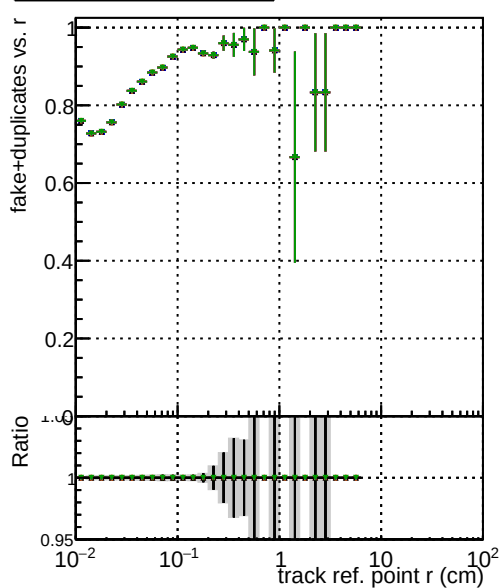


Efficiency vs vertpos



fake+duplicates vs vert r



Efficiend

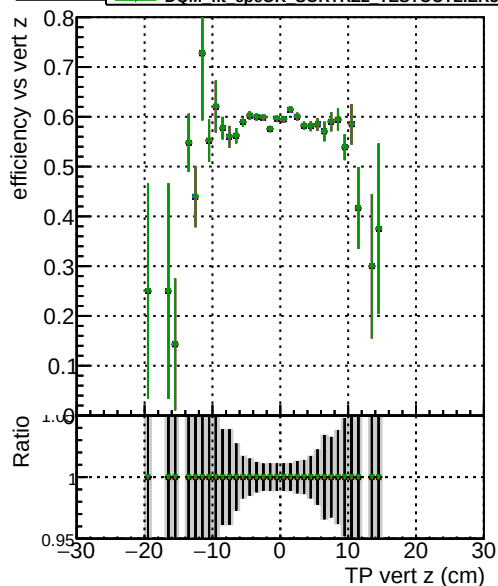
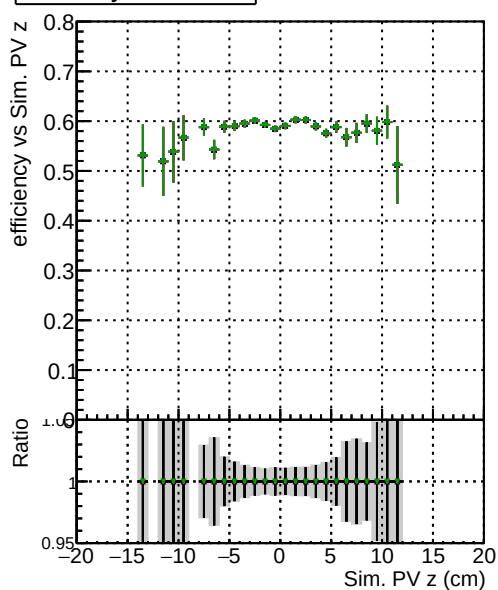


Figure 1 consists of two vertically stacked panels sharing a common x-axis labeled 'track ref. point z (cm)' ranging from -30 to 30. The top panel shows the 'fake+duplicates vs. z' as green data points with vertical error bars. The y-axis ranges from 0.6 to 1.0. The data shows a high rate of approximately 1.0 for $z < -15$ cm, a drop to about 0.75 between $z = -15$ and $z = 10$ cm, and a rise back towards 1.0 for $z > 10$ cm. The bottom panel shows the 'Ratio' of the rates in the two regions, with the y-axis ranging from 0.95 to 1.05. The ratio is plotted as black data points with error bars, showing significant fluctuations between $z = -15$ and $z = 15$ cm, mostly staying between 0.95 and 1.05, and returning to 1.0 for $z < -15$ cm and $z > 15$ cm.

Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

