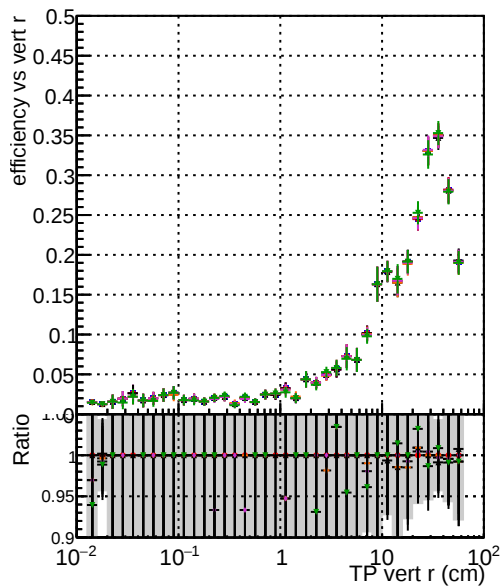
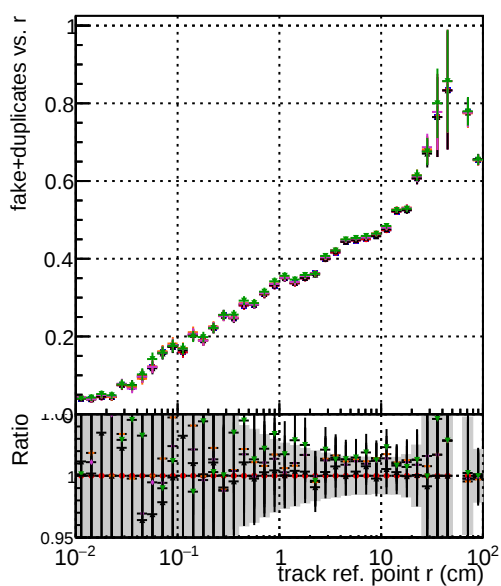


Efficiency vs vertpos



fake+duplicates vs vert r



Efficiend

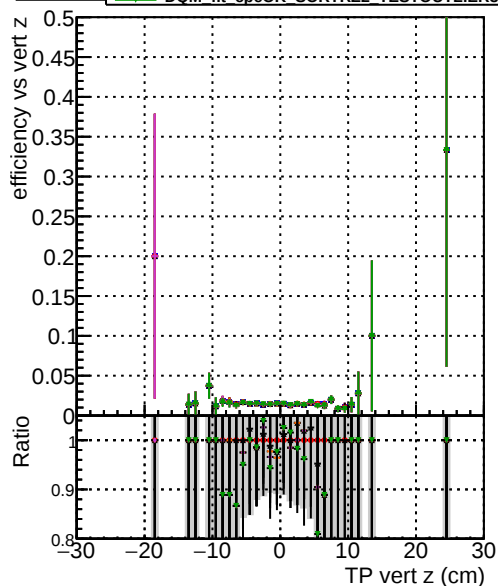
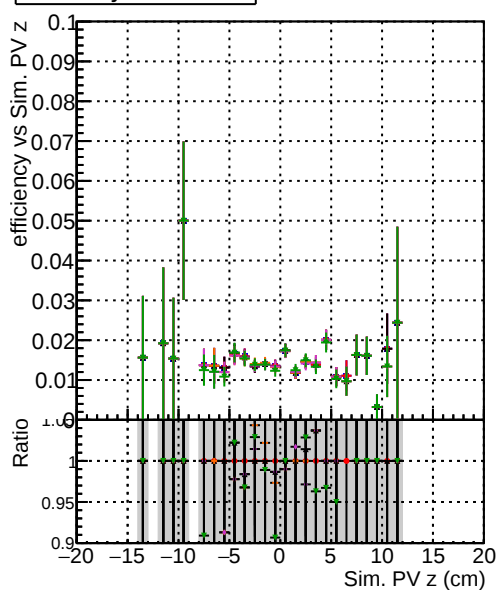


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled "track ref. point z (cm)" ranging from -30 to 30. The top plot's y-axis is labeled "fake+duplicates vs. z" and ranges from 0 to 0.8. It shows data points with error bars for real (black), fake (green), and duplicated (magenta) tracks. The data points follow a parabolic-like curve, starting around 0.5 at z = -30, dipping to a minimum of approximately 0.18 at z = 0, and rising back to about 0.5 at z = 30. The bottom plot's y-axis is labeled "Ratio" and ranges from 0.95 to 1.05. It shows the ratio of the fake+duplication rate to the real rate for the same three track types. The data points are clustered around a horizontal red line at a ratio of 1.0, with most values falling between 0.98 and 1.02. Error bars are present for all data points in both plots.

Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

