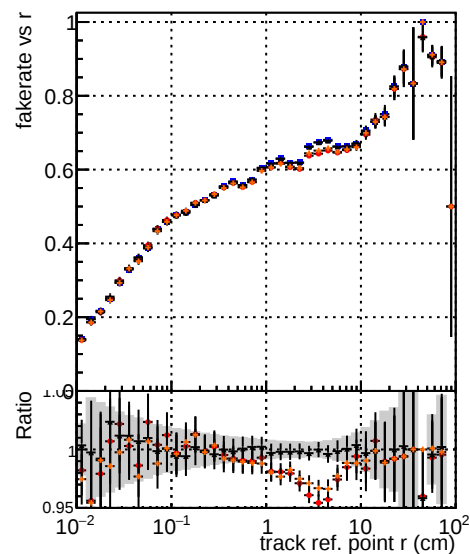
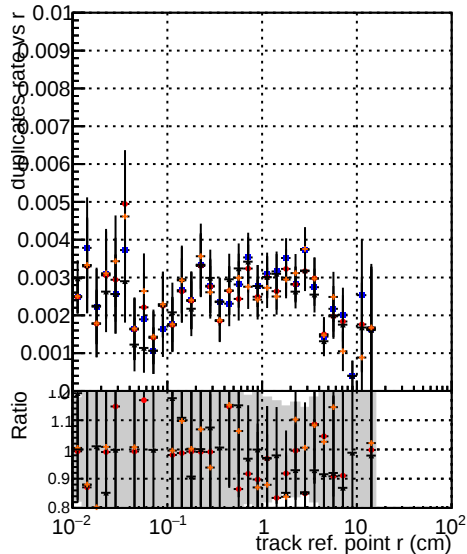


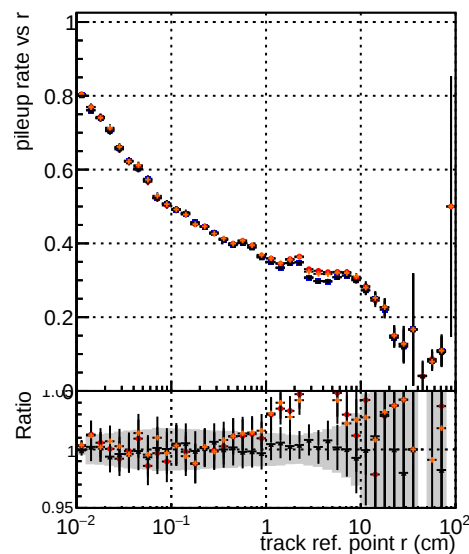
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



~~/data2/legianni/pareto-opt/restart/CMSSW_14_0_5/src/MTV-plot/DQM_TT__original_PU~~

Fake rate vs v

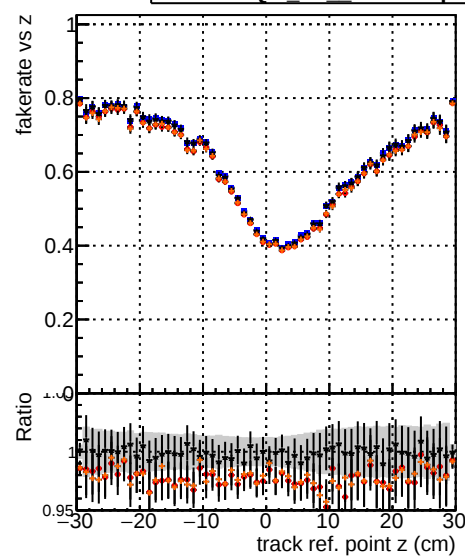
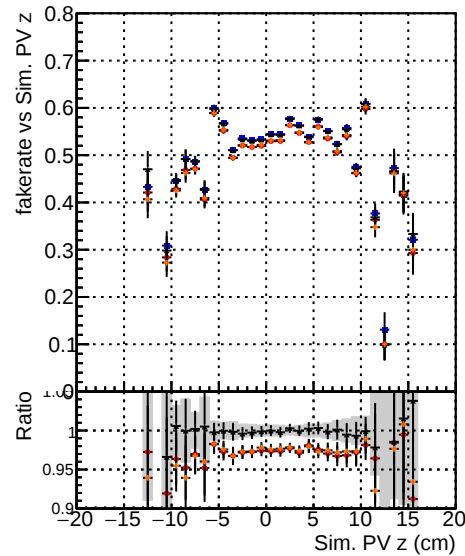


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track ref. point z (cm)' ranging from -30 to 30.

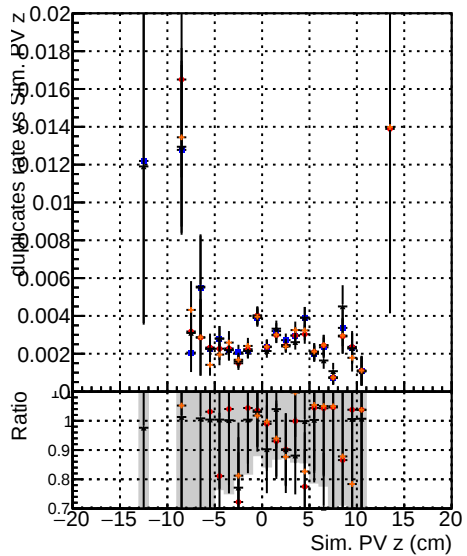
The top plot shows the 'pileup rate vs z' on the y-axis, ranging from 0.1 to 0.8. It displays two data series: one with blue circles and one with orange circles, both connected by lines. Both series show a similar trend, starting around 0.2 at z = -30, rising to a peak of approximately 0.55 at z = 0, and then decreasing back to about 0.2 at z = 30. A dotted grid is overlaid on the plot.

The bottom plot shows the 'Ratio' on the y-axis, ranging from 0.95 to 1.10. It displays two data series: one with blue circles and one with orange circles, both connected by lines. Both series show a similar trend, starting around 1.05 at z = -30, dipping slightly to a minimum of about 1.02 at z = 0, and then rising back to about 1.05 at z = 30. A shaded gray region is visible in the background of the plot, and a dotted grid is overlaid.

Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

