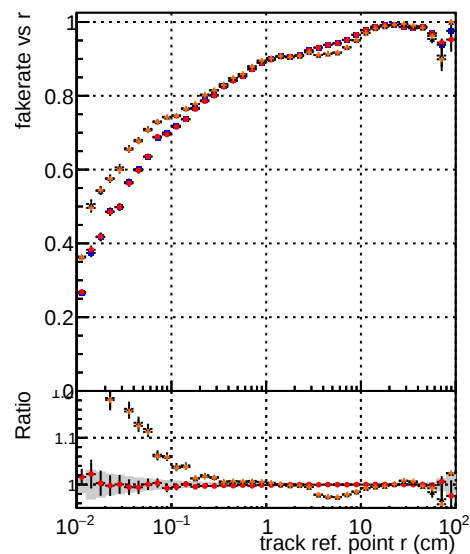
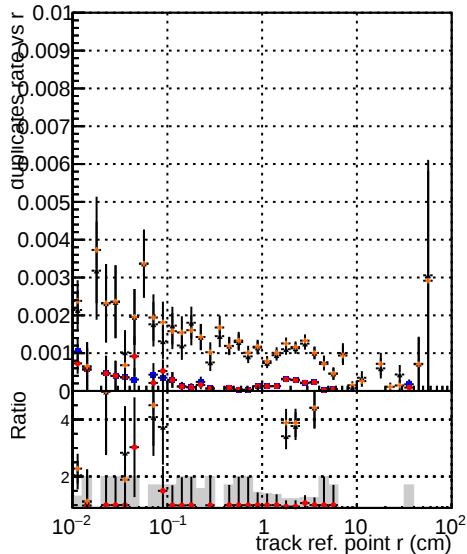


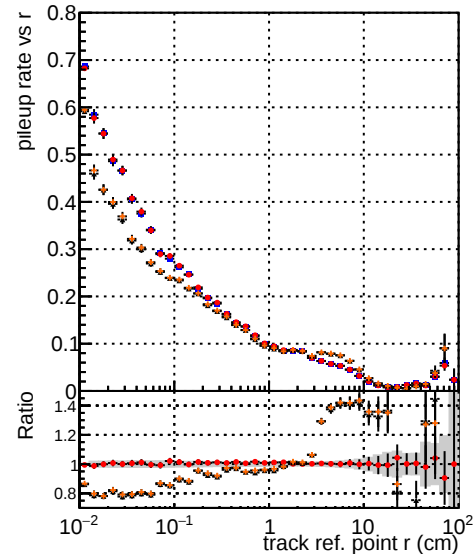
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



Fake rate vs v

Legend:

- DOM mkFit
- DOM mkFit + base
- DOM mkFit + retrainOldFiles125_v2_prelimWP_5iter
- DOM mkFit + baseline 6iter
- DOM mkFit + RetrainV2 WP2 6iter

Fake rate vs v

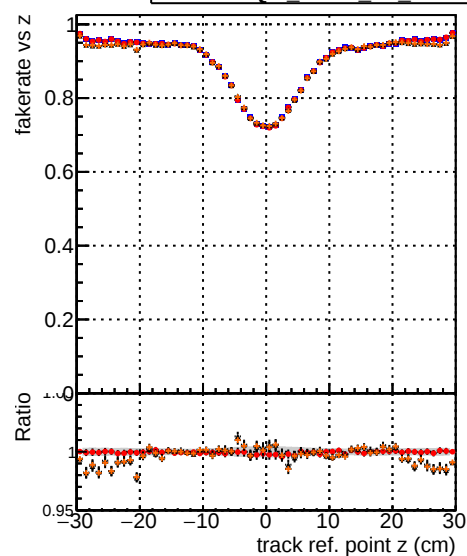
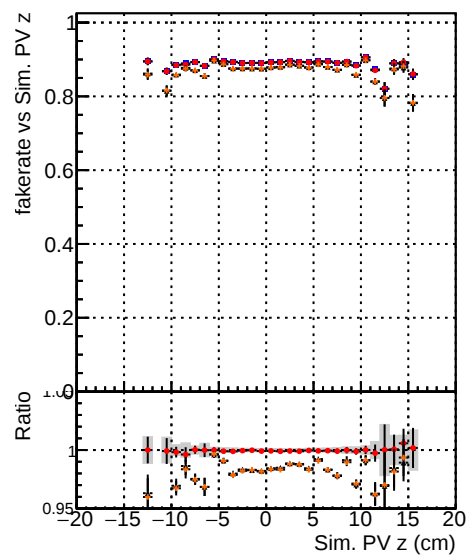
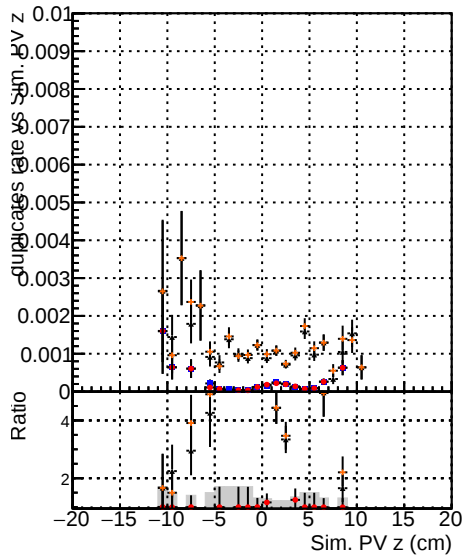


Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled 'track ref. point z (cm)' ranging from -30 to 30. The top plot shows the 'pileup rate vs z' on the y-axis, ranging from 0 to 0.5. It features a central peak around z=0 with a maximum rate of approximately 0.25. Data points are shown for three different pileup rates: 0.05 (blue squares), 0.1 (red circles), and 0.25 (orange triangles). The bottom plot shows the 'Ratio' on the y-axis, ranging from 0.9 to 1.3. It displays the ratio of the pileup rate at a given z to the pileup rate at z=0 for the same three pileup rates. The ratios are generally close to 1.0, with some fluctuations and error bars indicated for each data point.

Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

