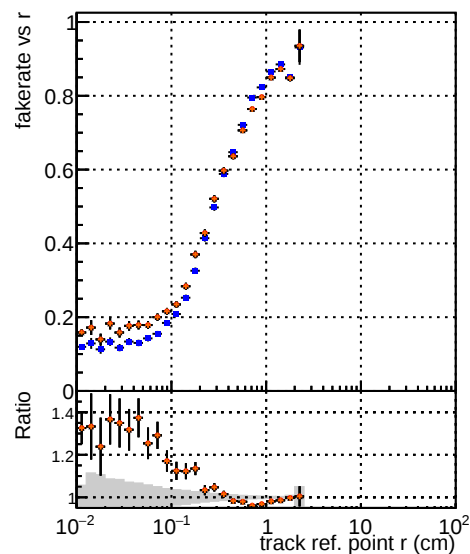
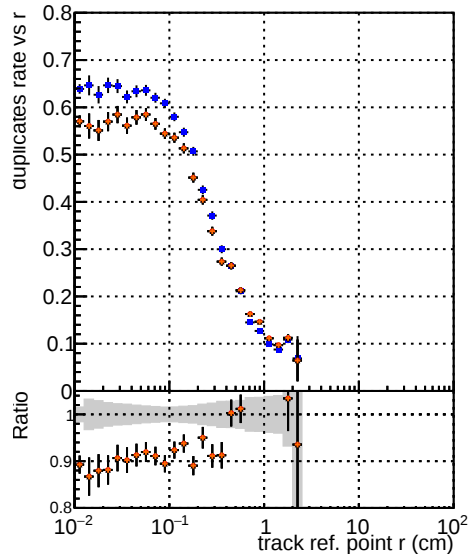


Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos

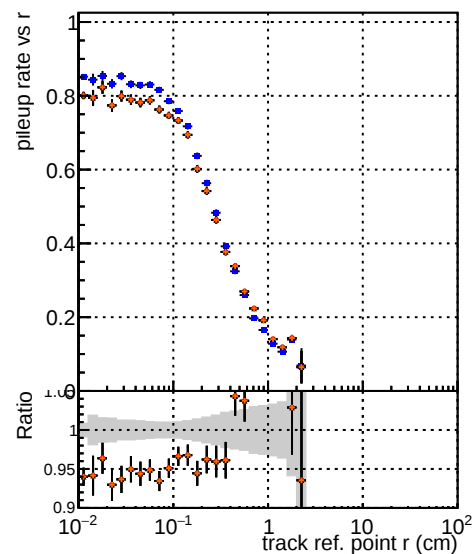


Figure 1: Fake rate vs. significance for various methods. The plot shows fake rates (0.0 to 0.1) on the y-axis versus significance (0.0 to 1.0) on the x-axis. Methods include DOM, CKE, T1bar, mke, T1barPU-updated, mkePU-updated, mkePU-DNN, and mkePU-DNN+scd100. DOM and CKE show the highest significance for a given fake rate, while mkePU-DNN+scd100 shows the lowest.

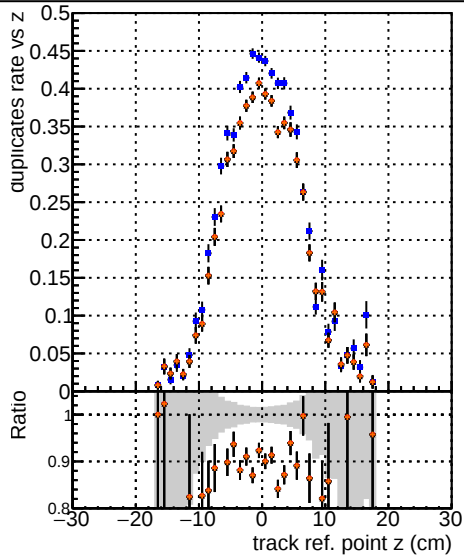
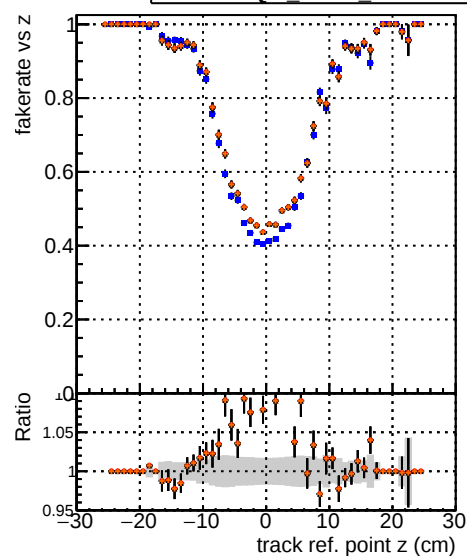
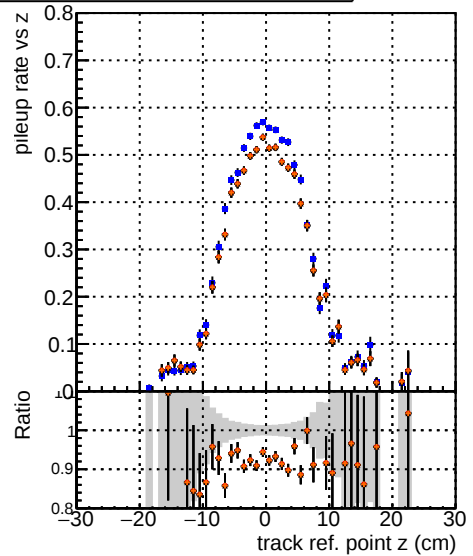
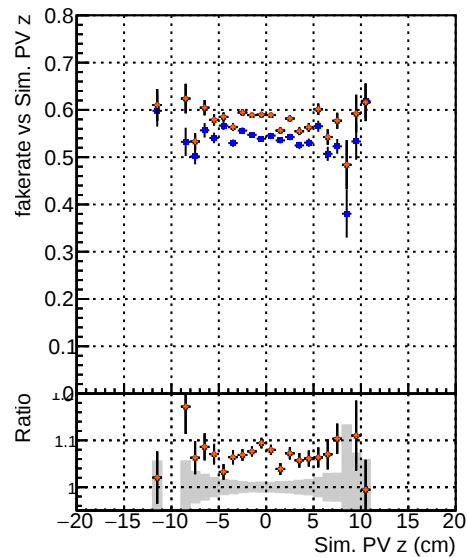


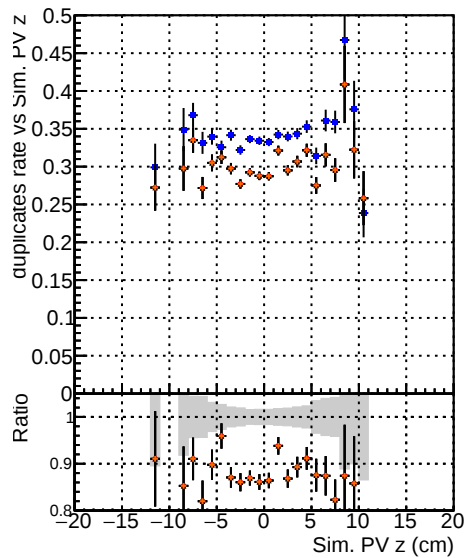
Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled "track ref. point z (cm)" ranging from -30 to 30. The top plot shows the "pileup rate vs z" on the y-axis, ranging from 0.0 to 0.8. It displays data points (blue and orange) and a dashed line representing a fit, which peaks at z=0. The bottom plot shows the "Ratio" on the y-axis, ranging from 0.8 to 1.0. It displays data points (blue and orange) and a dashed line representing a fit, which shows a dip at z=0. The bottom plot also includes a shaded gray region and vertical black bars.



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

