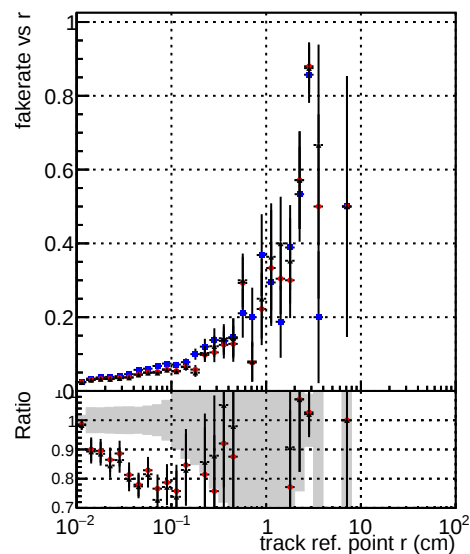
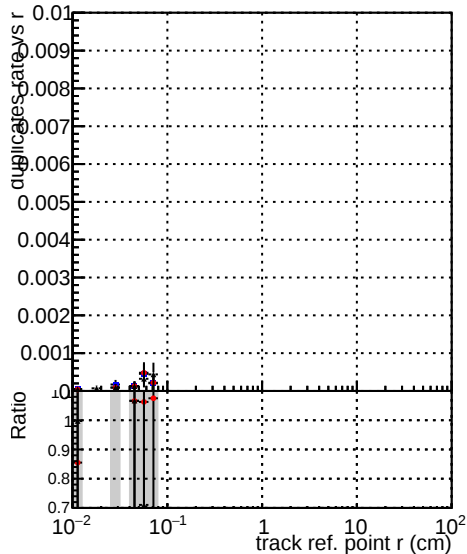


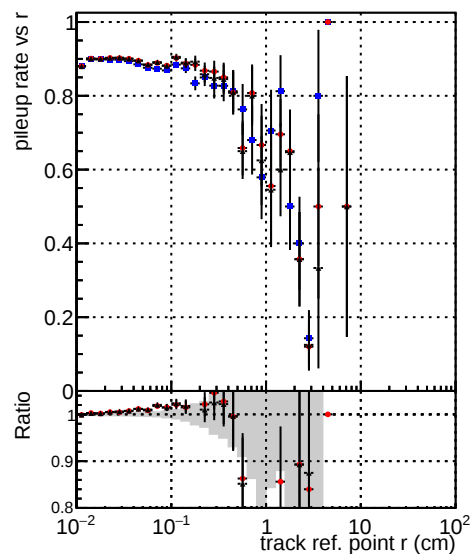
Fake rate vs vertpos



Duplicates Rate vs vertpos

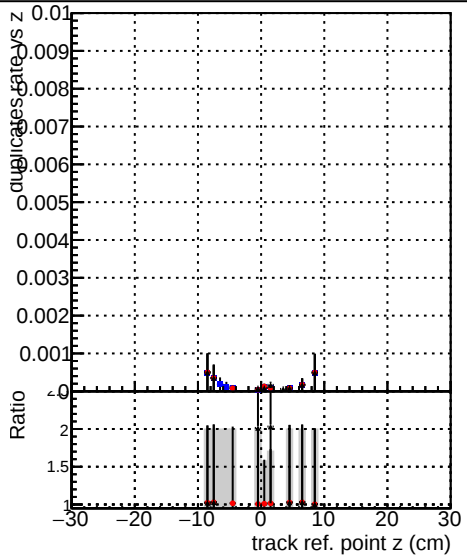
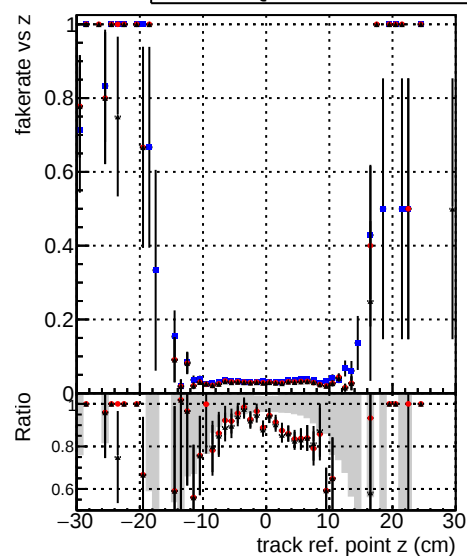


Pileup rate vs vertpos

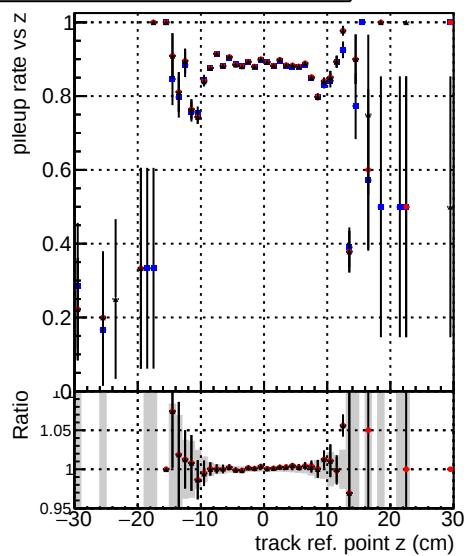


Fake rate vs $\sqrt{s}$

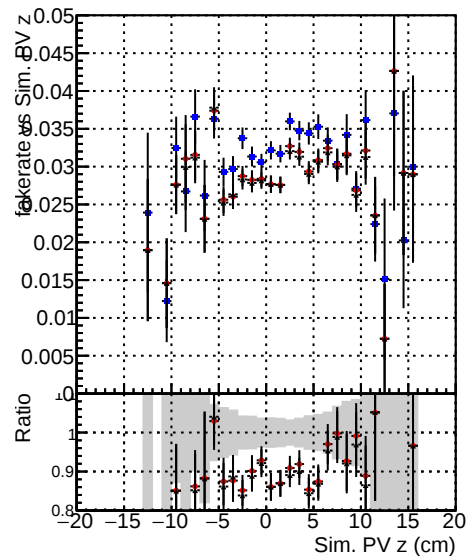
- DQM_mkFit5_TTold-lowpT
- DQM_mkFit_TT_retrain-lowpT
- DQM_mkFit_TT_NEWdefault_specPLess3-lowpT



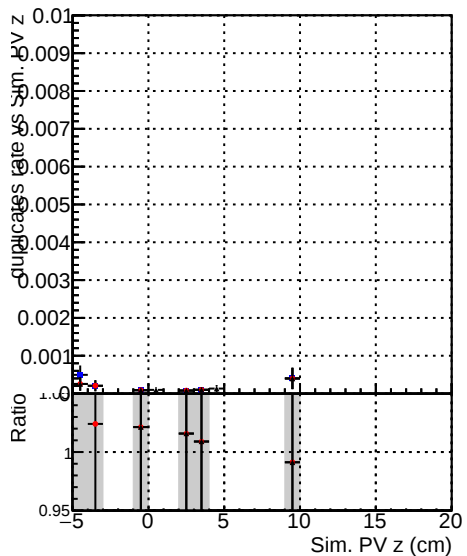
The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track ref. point z (cm)' ranging from -30 to 30. The top panel is titled 'pileup rate vs z' and shows the pileup rate on the y-axis (0 to 1). It contains three data series: black circles, red circles, and blue circles, all with vertical error bars. The rates are generally high (above 0.8) for |z| > 10 and lower (around 0.3-0.4) for |z| < 10. The bottom panel shows the 'Ratio' on the y-axis (0.95 to 1.05). It displays the same three data series with error bars. Shaded gray vertical regions are present at approximately z = [-25, -20], [-15, -10], [10, 15], and [20, 25] cm, indicating areas of systematic uncertainty. The ratio is mostly close to 1.0, with some fluctuations within the shaded regions.



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

