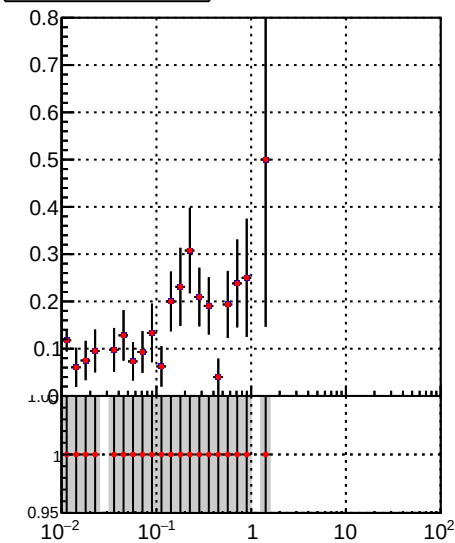
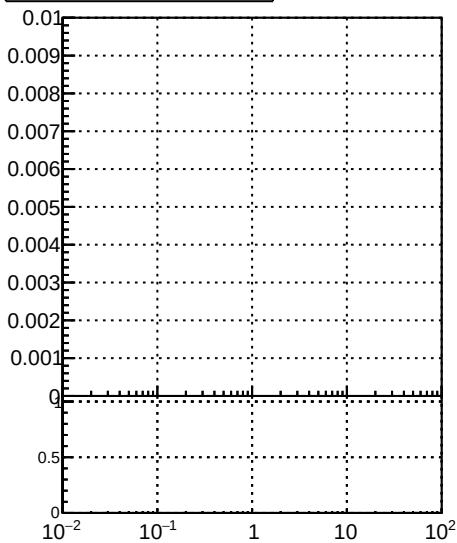


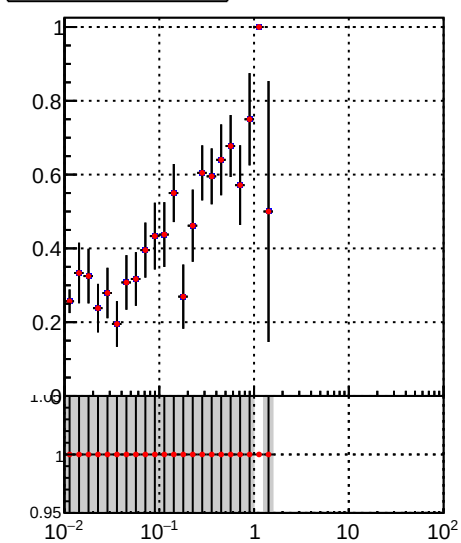
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



/data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original

DQM_modified

Plot of Fake rate vs sim PV z. The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 0.5. Data points are shown with error bars. A horizontal red line is at y=1.0. A shaded region is visible for $-5 < \text{sim PV z} < 10$.

Plot of Duplicates Rate vs sim PV z. The x-axis ranges from -30 to 30. The y-axis ranges from 0 to 0.01. Data points are shown with error bars. A horizontal red line is at y=0. A shaded region is visible for $-5 < \text{sim PV z} < 10$.

Plot of Pileup rate vs sim PV z. The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 0.8. Data points are shown with error bars. A horizontal red line is at y=1.0. A shaded region is visible for $-5 < \text{sim PV z} < 10$.

Fake rate vs. sim PV z

Plot of Fake rate vs. sim PV z. The x-axis ranges from -10 to 20. The y-axis ranges from 0.95 to 0.5. Data points are shown with error bars. A horizontal red line is at y=1.0. A shaded region is visible for $-5 < \text{sim PV z} < 10$.

Duplicates Rate vs sim PV z

Plot of Duplicates Rate vs sim PV z. The x-axis ranges from -60 to 60. The y-axis ranges from 0 to 0.01. Data points are shown with error bars. A horizontal red line is at y=0. A shaded region is visible for $-5 < \text{sim PV z} < 10$.

Pileup rate vs. sim PV z

Plot of Pileup rate vs. sim PV z. The x-axis ranges from -10 to 20. The y-axis ranges from 0.95 to 0.8. Data points are shown with error bars. A horizontal red line is at y=1.0. A shaded region is visible for $-5 < \text{sim PV z} < 10$.