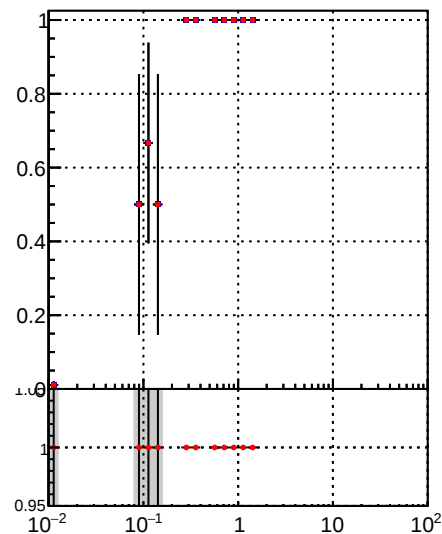


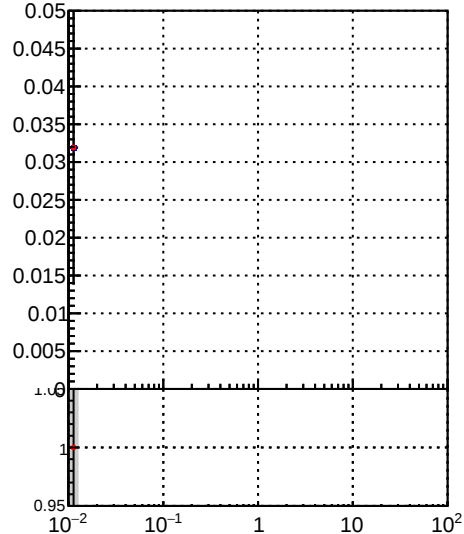
Fake rate vs vertpos



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 vertpos. The x-axis is logarithmic, ranging from 10^{-2} to 10^2 . The y-axis ranges from 0.95 to 1.0. Data points are shown as red dots with vertical error bars. A horizontal line is drawn at y=1.0. A shaded gray region is visible between 10^{-2} and 10^{-1} .

Plot of Duplicates Rate vs vertpos. The x-axis is logarithmic, ranging from 10^{-2} to 10^2 . The y-axis ranges from 0 to 0.01. Data points are shown as red dots with vertical error bars. A horizontal line is drawn at y=0.

Plot of Pileup rate vs vertpos. The x-axis is logarithmic, ranging from 10^{-2} to 10^2 . The y-axis ranges from 0.95 to 0.05. Data points are shown as red dots with vertical error bars. A horizontal line is drawn at y=1.0. A shaded gray region is visible between 10^{-2} and 10^{-1} .

Fake rate vs. sim PV z

Plot of Fake rate vs. sim PV z. The x-axis ranges from -4 to 10. The y-axis ranges from 0.95 to 0.5. Data points are shown as red dots with vertical error bars. A horizontal line is drawn at y=1.0. A shaded gray region is visible between -4 and 0.

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 as red dots with vertical error bars. A horizontal line is drawn at y=0.

Pileup rate vs. sim PV z

Plot of Pileup rate vs. sim PV z. The x-axis ranges from -20 to 5. The y-axis ranges from 0.95 to 1.0. Data points are shown as red dots with vertical error bars. A horizontal line is drawn at y=1.0. A shaded gray region is visible between -20 and 0.