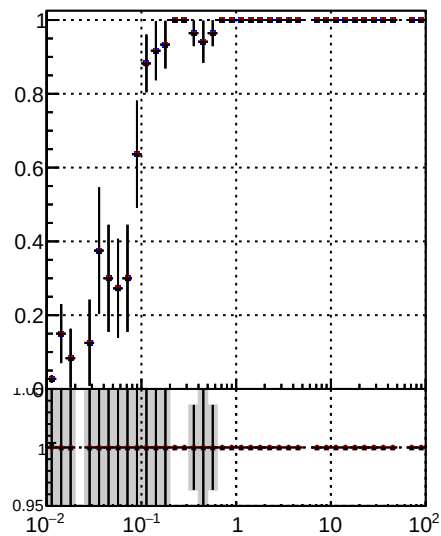
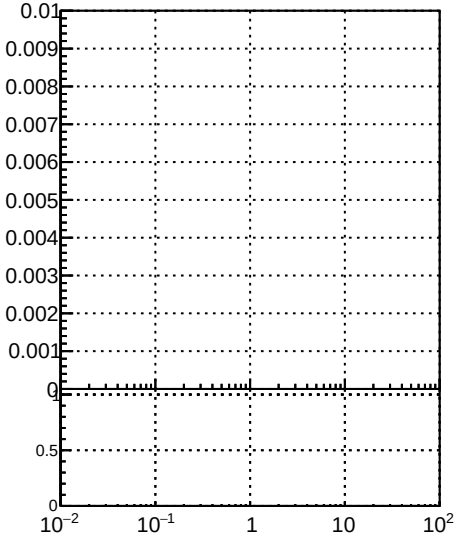


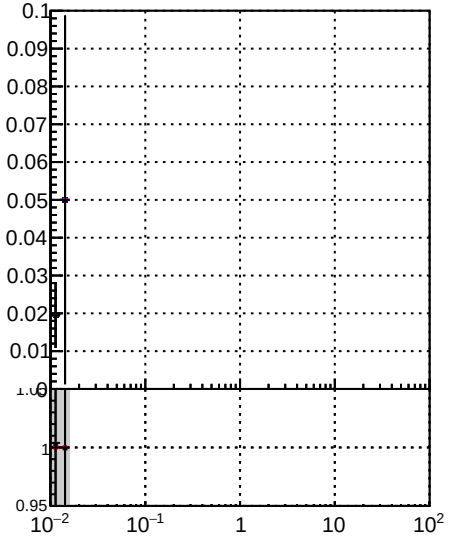
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



Fake rate vs v

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

DQM_modified

DQM_modified_PL

Plot of Fake rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 1.0. Data points with error bars are shown for three series: /data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original (black), DQM_modified (red), and DQM_modified_PL (blue). The fake rate is generally high, near 1.0, across the range of v.

Plot of Duplicates Rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0 to 0.01. Data points with error bars are shown for three series: /data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original (black), DQM_modified (red), and DQM_modified_PL (blue). The duplicates rate is very low, near 0, across the range of v.

Plot of Pileup rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 0.1. Data points with error bars are shown for three series: /data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original (black), DQM_modified (red), and DQM_modified_PL (blue). The pileup rate is generally high, near 1.0, across the range of v.

Fake rate vs. sim PV z

Plot of Fake rate vs. sim PV z. The x-axis ranges from -20 to 20. The y-axis ranges from 0.95 to 1.0. Data points with error bars are shown for three series: /data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original (black), DQM_modified (red), and DQM_modified_PL (blue). The fake rate is generally high, near 1.0, across the range of sim PV z.

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 with error bars are shown for three series: /data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original (black), DQM_modified (red), and DQM_modified_PL (blue). The duplicates rate is very low, near 0, across the range of sim PV z.

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 0.8. Data points with error bars are shown for three series: /data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original (black), DQM_modified (red), and DQM_modified_PL (blue). The pileup rate is generally high, near 1.0, across the range of sim PV z.