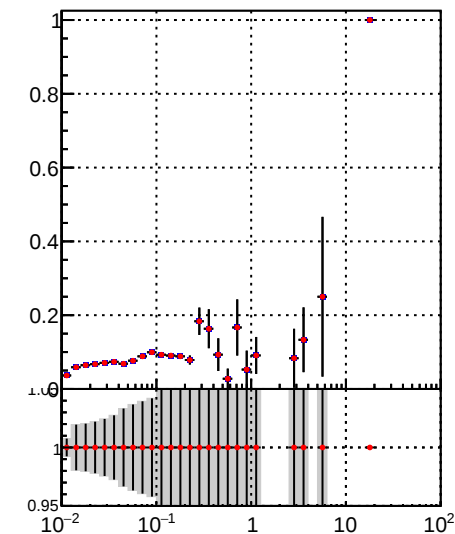
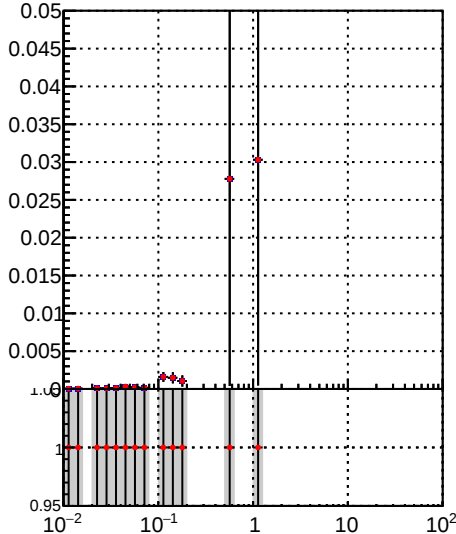


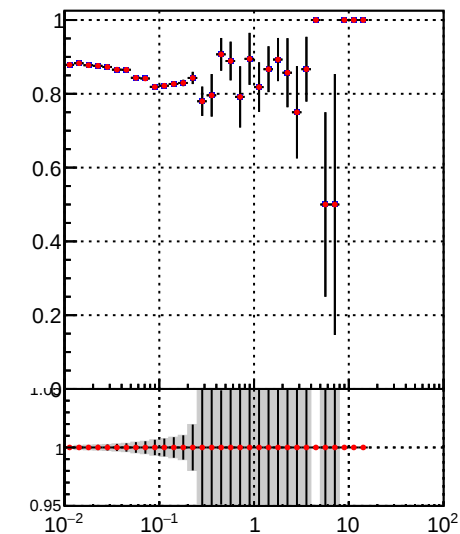
Fake rate vs vertpos



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

Fake rate vs v

Plot of Fake rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 0.5. The plot shows a red line with error bars representing the data and a grey shaded region representing the uncertainty. The data points are mostly clustered around 0.05, with a slight dip around $v = -10$ and a sharp increase around $v = 20$.

Plot of Duplicates Rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 0.05. The plot shows a red line with error bars representing the data and a grey shaded region representing the uncertainty. The data points are mostly clustered around 0.01, with a sharp increase around $v = 15$.

Plot of Pileup rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 1.0. The plot shows a red line with error bars representing the data and a grey shaded region representing the uncertainty. The data points are mostly clustered around 0.9, with a slight dip around $v = -10$ and a sharp increase around $v = 20$.

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 0.1. The plot shows a red line with error bars representing the data and a grey shaded region representing the uncertainty. The data points are mostly clustered around 0.05, with a slight dip around $z = -10$ and a sharp increase around $z = 15$.

Duplicates Rate vs sim PV z

Plot of Duplicates Rate vs sim PV z. The x-axis ranges from -10 to 10. The y-axis ranges from 0.95 to 0.01. The plot shows a red line with error bars representing the data and a grey shaded region representing the uncertainty. The data points are mostly clustered around 0.01, with a sharp increase around $z = 10$.

Pileup rate vs. sim PV z

Plot of Pileup rate vs. sim PV z. The x-axis ranges from -20 to 20. The y-axis ranges from 0.95 to 1.0. The plot shows a red line with error bars representing the data and a grey shaded region representing the uncertainty. The data points are mostly clustered around 0.9, with a slight dip around $z = -10$ and a sharp increase around $z = 15$.