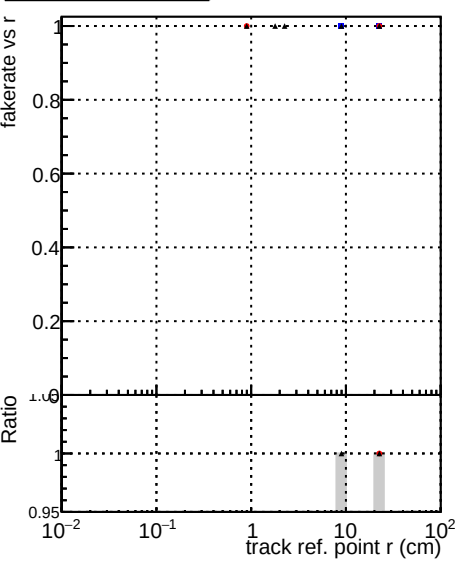
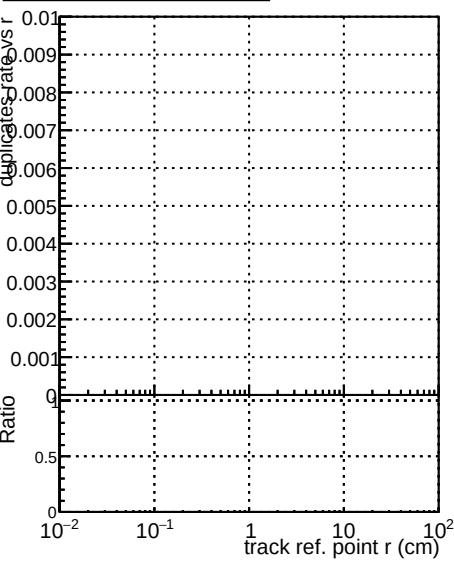


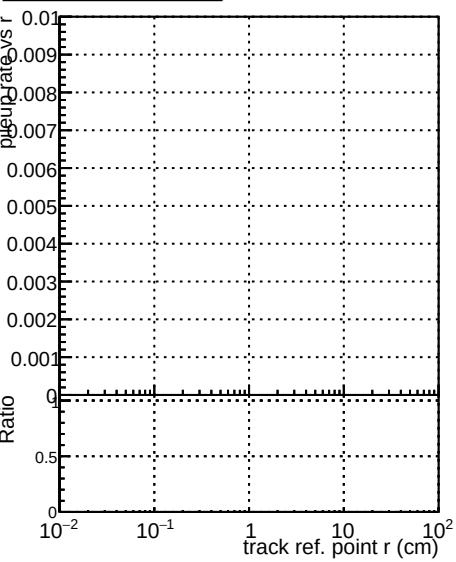
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



DQM old

DQM wrong

DQM V0001

Global CMSSW X Y Z RECO

R000000001

Fake rate vs

Plot of Fake rate vs track ref. point z (cm). The y-axis is labeled 'fakerrate vs z' and ranges from 0.95 to 1.0. The x-axis is labeled 'track ref. point z (cm)' and ranges from -30 to 30. The plot shows a ratio of 1.0 for most points, with a few outliers at higher z values (around 10-20 cm) where the ratio drops slightly below 1.0. A grey shaded region is visible at the bottom of the plot for z values between approximately 0 and 10 cm.

Plot of Duplicates Rate vs track ref. point z (cm). The y-axis is labeled 'duplicates rate vs z' and ranges from 0 to 0.01. The x-axis is labeled 'track ref. point z (cm)' and ranges from -30 to 30. The plot shows a ratio of 0 for most points, with a few outliers at higher z values (around 10-20 cm) where the ratio is slightly above 0.

Plot of Pileup rate vs track ref. point z (cm). The y-axis is labeled 'pileup rate vs z' and ranges from 0 to 0.01. The x-axis is labeled 'track ref. point z (cm)' and ranges from -30 to 30. The plot shows a ratio of 0 for most points, with a few outliers at higher z values (around 10-20 cm) where the ratio is slightly above 0.

Fake rate vs. sim PV z

Plot of Fake rate vs. sim PV z. The y-axis is labeled 'fakerrate vs Sim. PV z' and ranges from 0.95 to 1.0. The x-axis is labeled 'Sim. PV z (cm)' and ranges from -10 to 4. The plot shows a ratio of 1.0 for most points, with a few outliers at higher z values (around 2-4 cm) where the ratio drops slightly below 1.0. A grey shaded region is visible at the bottom of the plot for z values between approximately 0 and 2 cm.

Duplicates Rate vs sim PV z

Plot of Duplicates Rate vs sim PV z. The y-axis is labeled 'duplicates rate vs Sim. PV z' and ranges from 0 to 0.01. The x-axis is labeled 'Sim. PV z (cm)' and ranges from -60 to 60. The plot shows a ratio of 0 for most points, with a few outliers at higher z values (around 20-40 cm) where the ratio is slightly above 0.

Pileup rate vs. sim PV z

Plot of Pileup rate vs. sim PV z. The y-axis is labeled 'pileup rate vs Sim. PV z' and ranges from 0 to 0.01. The x-axis is labeled 'Sim. PV z (cm)' and ranges from -60 to 60. The plot shows a ratio of 0 for most points, with a few outliers at higher z values (around 20-40 cm) where the ratio is slightly above 0.