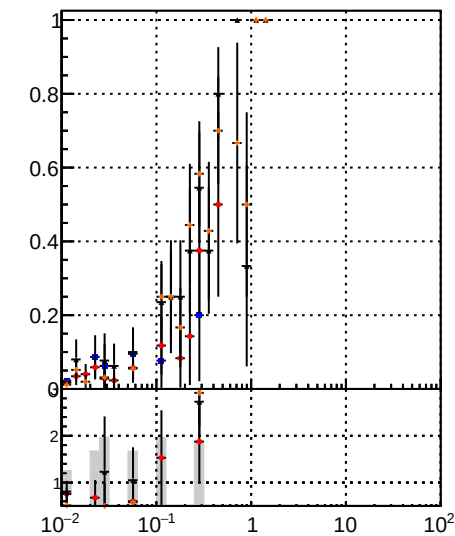
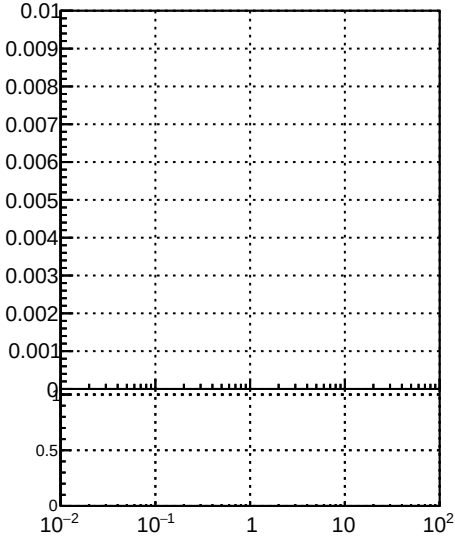


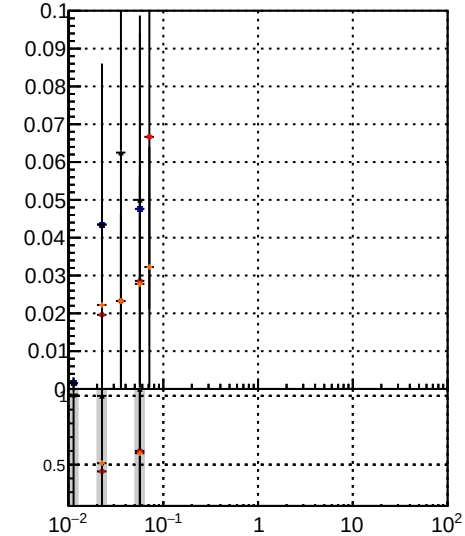
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



Fake rate vs v

DOM

IT

CKE

BDT

DOM

IT

CKE

BDT

DOM

IT

CKE

BDT

Plot of Fake rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0 to 0.5. Data points with error bars are shown for DOM (black), IT (blue), CKE (red), and BDT (orange). A histogram is shown in the bottom panel, with the y-axis ranging from 0 to 2.

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 DOM (black), IT (blue), CKE (red), and BDT (orange). A histogram is shown in the bottom panel, with the y-axis ranging from 0 to 0.5.

Plot of Pileup rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0 to 0.05. Data points with error bars are shown for DOM (black), IT (blue), CKE (red), and BDT (orange). A histogram is shown in the bottom panel, with the y-axis ranging from 0 to 0.5.

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 to 0.5. Data points with error bars are shown for DOM (black), IT (blue), CKE (red), and BDT (orange). A histogram is shown in the bottom panel, with the y-axis ranging from 0 to 3.

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 DOM (black), IT (blue), CKE (red), and BDT (orange). A histogram is shown in the bottom panel, with the y-axis ranging from 0 to 0.5.

Pileup rate vs. sim PV z

Plot of Pileup rate vs. sim PV z. The x-axis ranges from -5 to 5. The y-axis ranges from 0 to 0.05. Data points with error bars are shown for DOM (black), IT (blue), CKE (red), and BDT (orange). A histogram is shown in the bottom panel, with the y-axis ranging from 0 to 2.