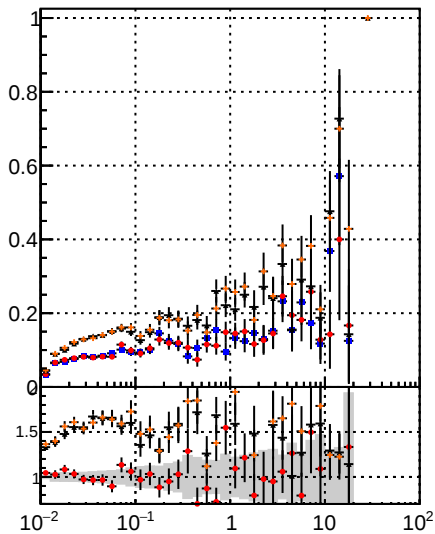
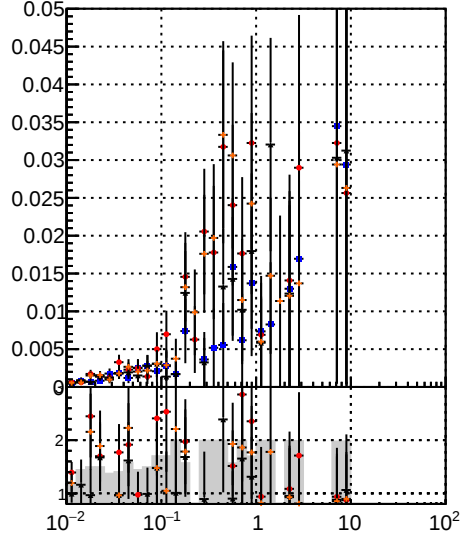


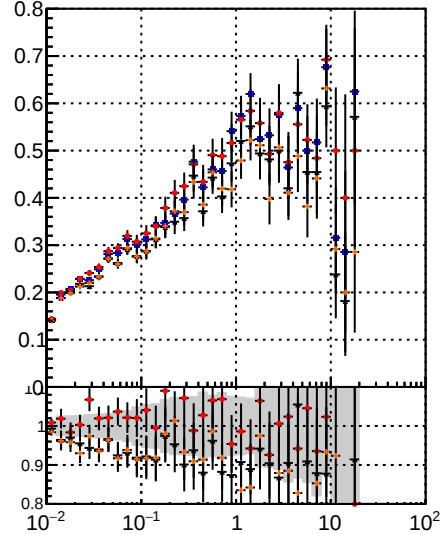
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



Fake rate vs v

—•— DOM

—•— CKE

—•— BDT

—•— mKEfit

—•— DOM

—•— CKE

—•— BDT

—•— mKEfit

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 are shown for DOM (blue circles), CKE (orange circles), BDT (red circles), and mKEfit (black circles). The plot shows a peak in the fake rate around v = 0. A secondary y-axis on the bottom shows a distribution from 1 to 1.5.

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 are shown for DOM (blue circles), CKE (orange circles), BDT (red circles), and mKEfit (black circles). The plot shows a peak in the duplicates rate around v = 0. A secondary y-axis on the bottom shows a distribution from 1 to 2.

Plot of Pileup rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0 to 0.5. Data points are shown for DOM (blue circles), CKE (orange circles), BDT (red circles), and mKEfit (black circles). The plot shows a peak in the pileup rate around v = 0. A secondary y-axis on the bottom shows a distribution from 0.8 to 1.0.

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 to 0.2. Data points are shown for DOM (blue circles), CKE (orange circles), BDT (red circles), and mKEfit (black circles). The plot shows a peak in the fake rate around sim PV z = 0. A secondary y-axis on the bottom shows a distribution from 1 to 1.5.

Duplicates Rate vs sim PV z

Plot of Duplicates Rate vs sim PV z. The x-axis ranges from -10 to 20. The y-axis ranges from 0 to 0.01. Data points are shown for DOM (blue circles), CKE (orange circles), BDT (red circles), and mKEfit (black circles). The plot shows a peak in the duplicates rate around sim PV z = 0. A secondary y-axis on the bottom shows a distribution from 1 to 2.

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 to 0.5. Data points are shown for DOM (blue circles), CKE (orange circles), BDT (red circles), and mKEfit (black circles). The plot shows a peak in the pileup rate around sim PV z = 0. A secondary y-axis on the bottom shows a distribution from 0.9 to 1.0.