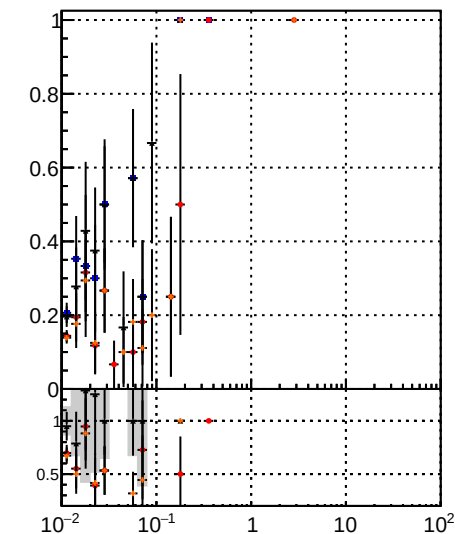
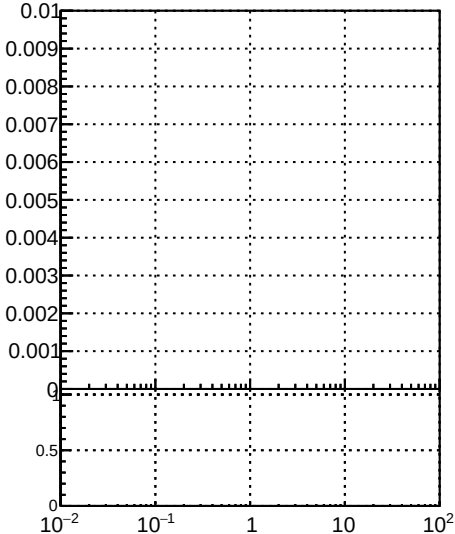


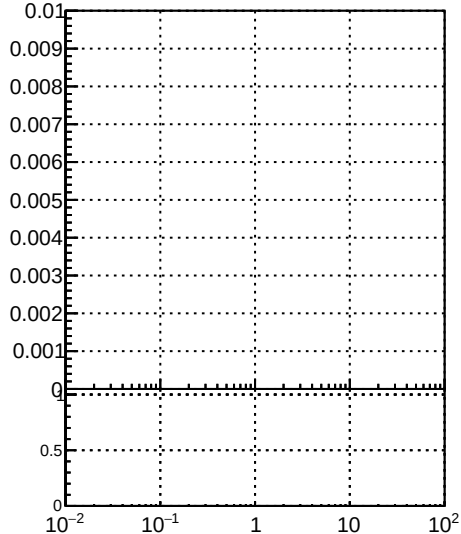
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



Fake rate vs v

DOM TT CKE

DOM TT CKE fit

DOM TT mktFit

DOM TT BDT

Plot of Fake rate vs v. The x-axis ranges from -30 to 30. The y-axis ranges from 0 to 1. Data points are shown for DOM TT CKE (blue circles), DOM TT CKE fit (red circles), DOM TT mktFit (orange circles), and DOM TT BDT (black circles). Error bars are included for all data points. The plot shows a sharp increase in fake rate as v increases, reaching a plateau near 1.0 for $v > 10$.

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 TT CKE (blue circles), DOM TT CKE fit (red circles), DOM TT mktFit (orange circles), and DOM TT BDT (black circles). Error bars are included for all data points. The plot shows a very low and stable duplicates rate across the entire range of v.

Plot of Pileup 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 TT CKE (blue circles), DOM TT CKE fit (red circles), DOM TT mktFit (orange circles), and DOM TT BDT (black circles). Error bars are included for all data points. The plot shows a very low and stable pileup rate across the entire 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 to 1. Data points are shown for DOM TT CKE (blue circles), DOM TT CKE fit (red circles), DOM TT mktFit (orange circles), and DOM TT BDT (black circles). Error bars are included for all data points. The plot shows a sharp increase in fake rate as sim PV z increases, reaching a plateau near 1.0 for $z > 10$.

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 are shown for DOM TT CKE (blue circles), DOM TT CKE fit (red circles), DOM TT mktFit (orange circles), and DOM TT BDT (black circles). Error bars are included for all data points. The plot shows a very low and stable duplicates rate across the entire range of sim PV z.

Pileup rate vs. sim PV z

Plot of Pileup rate vs. sim PV z. The x-axis ranges from -60 to 60. The y-axis ranges from 0 to 0.01. Data points are shown for DOM TT CKE (blue circles), DOM TT CKE fit (red circles), DOM TT mktFit (orange circles), and DOM TT BDT (black circles). Error bars are included for all data points. The plot shows a very low and stable pileup rate across the entire range of sim PV z.