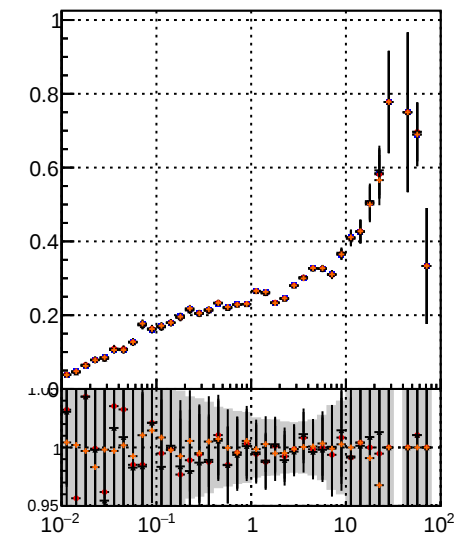
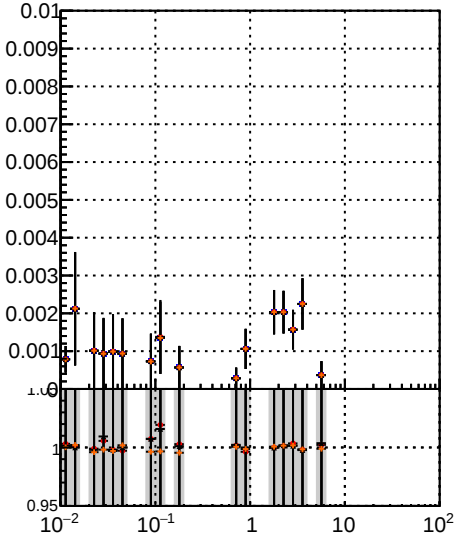


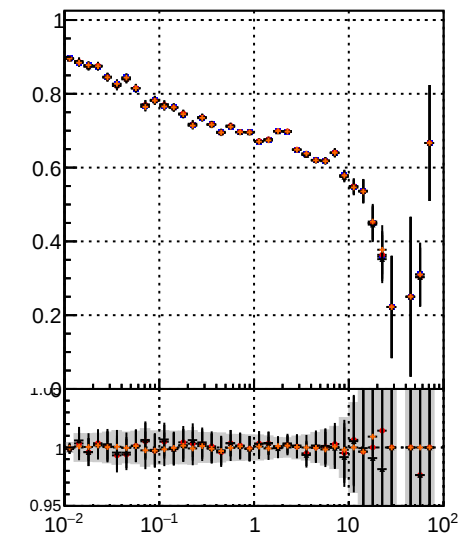
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos


 Fake rate vs ν

■ DOM

● TT

▲ MS

× detT

■ DOM

● TT

▲ MS

× detT

■ DOM

● TT

▲ MS

× detT

Plot of Fake rate vs ν . The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 0.5. Data points are shown for four detector types: DOM (blue squares), TT (red circles), MS (green triangles), and detT (black crosses). The fake rate decreases as ν increases. A shaded gray region at the bottom indicates the distribution of the data.

Plot of Duplicates Rate vs ν . The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 0.01. Data points are shown for four detector types: DOM (blue squares), TT (red circles), MS (green triangles), and detT (black crosses). The duplicates rate is generally low, with some fluctuations. A shaded gray region at the bottom indicates the distribution of the data.

Plot of Pileup rate vs ν . The x-axis ranges from -30 to 30. The y-axis ranges from 0.95 to 1.0. Data points are shown for four detector types: DOM (blue squares), TT (red circles), MS (green triangles), and detT (black crosses). The pileup rate decreases as ν increases. A shaded gray region at the bottom indicates the distribution of the data.

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 0.5. Data points are shown for four detector types: DOM (blue squares), TT (red circles), MS (green triangles), and detT (black crosses). The fake rate decreases as sim PV z increases. A shaded gray region at the bottom indicates the distribution of the data.

Duplicates Rate vs sim PV z

Plot of Duplicates Rate vs sim PV z. The x-axis ranges from -20 to 10. The y-axis ranges from 0.95 to 0.02. Data points are shown for four detector types: DOM (blue squares), TT (red circles), MS (green triangles), and detT (black crosses). The duplicates rate is generally low, with some fluctuations. A shaded gray region at the bottom indicates the distribution of the data.

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. Data points are shown for four detector types: DOM (blue squares), TT (red circles), MS (green triangles), and detT (black crosses). The pileup rate decreases as sim PV z increases. A shaded gray region at the bottom indicates the distribution of the data.