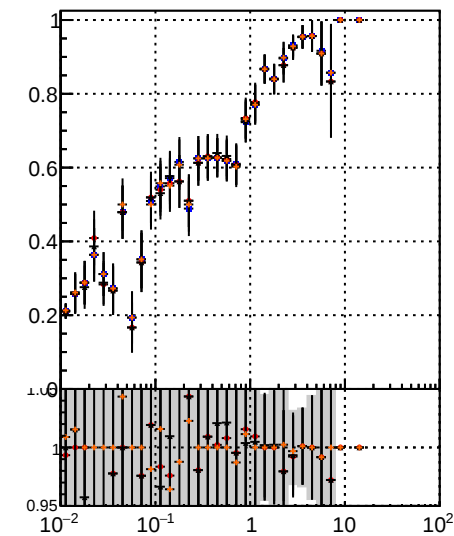


Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos

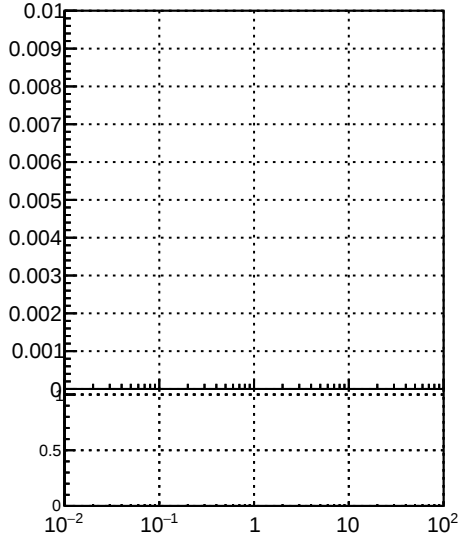
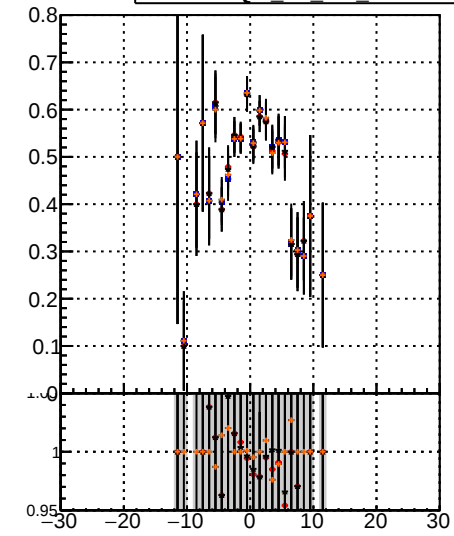
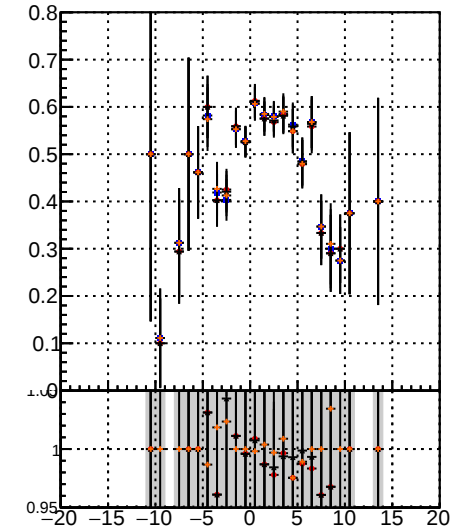


Figure 1: Fake rate vs v . The plot shows the fake rate for different decay channels and background types. The x-axis is 'Fake rate vs v ' and the y-axis is 'Fake rate'. The legend indicates: DOM (blue square), TT (red circle), MS (black triangle), detT (green diamond), detT-dpdq (orange star), and detT-chi2 (purple cross). The plot shows that the fake rate is highest for the detT channel and lowest for the detT-chi2 channel.

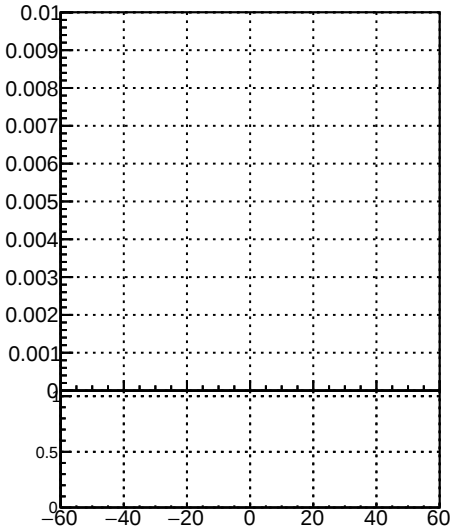


The figure shows a plot of the function $f(x) = \frac{1}{1 + \exp(x)}$ over the domain $x \in [-30, 30]$. The x-axis is labeled from -30 to 30 in increments of 10. The y-axis is labeled from 0 to 0.01 in increments of 0.001. The function is a smooth, decreasing curve that starts near 1 for negative x and approaches 0 for positive x. The curve is symmetric about the point $(0, 0.5)$.

Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

