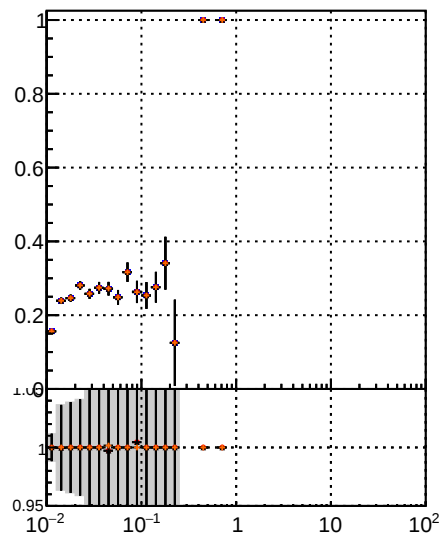


Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos

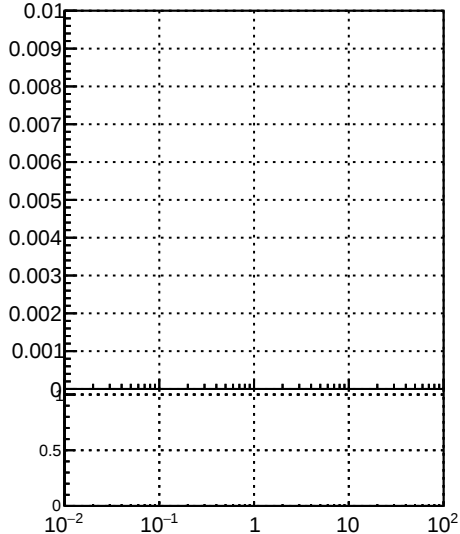


Figure 1: Fake rate vs v . The plot shows the fake rate for different decay channels and background types. The x-axis is 'Fake rate vs v ' and the y-axis is 'Fake rate'. The legend indicates: DOM (blue square), TT (red circle), MS (black triangle), detT (green diamond), detT-dpdq (purple star), and detT-chi2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

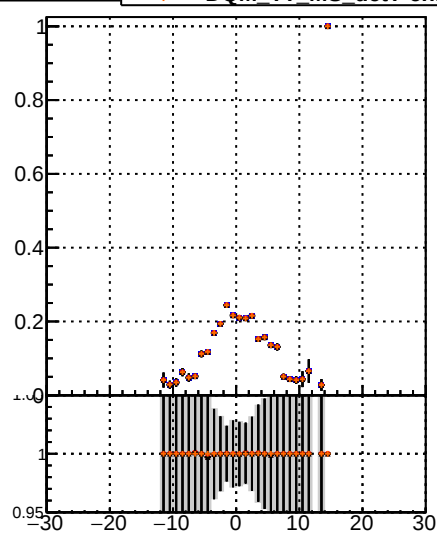
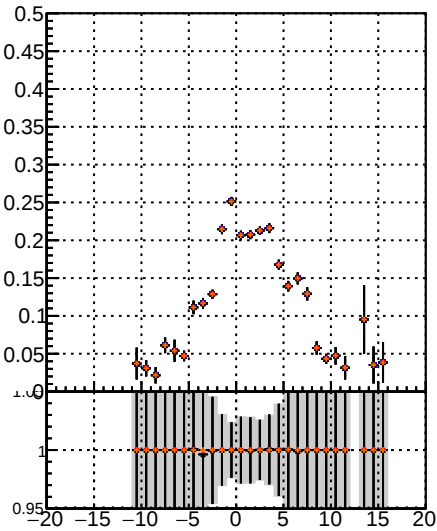
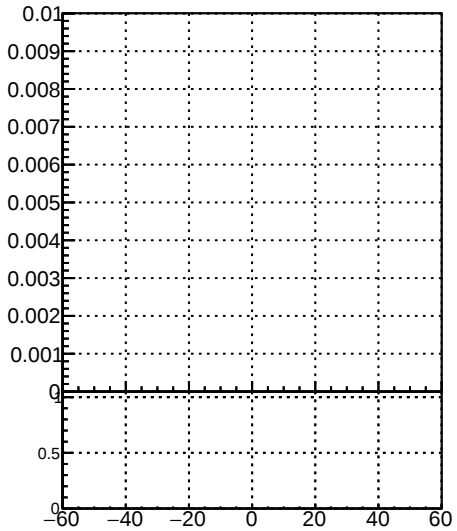


Figure 1 shows a plot of the function $f(x) = 0.0001 \exp(-x^2/100)$ for $x \in [-30, 30]$. The x-axis ranges from -30 to 30 with major ticks every 10 units. The y-axis ranges from 0 to 0.01 with major ticks every 0.001 units. The function is a very narrow, symmetric peak centered at $x=0$, where it reaches its maximum value of 0.01. The plot includes a dotted grid.

Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

