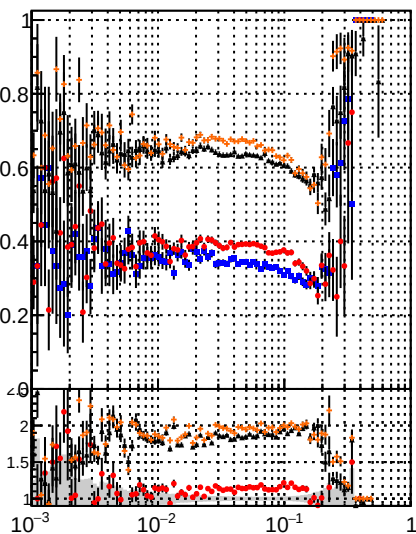
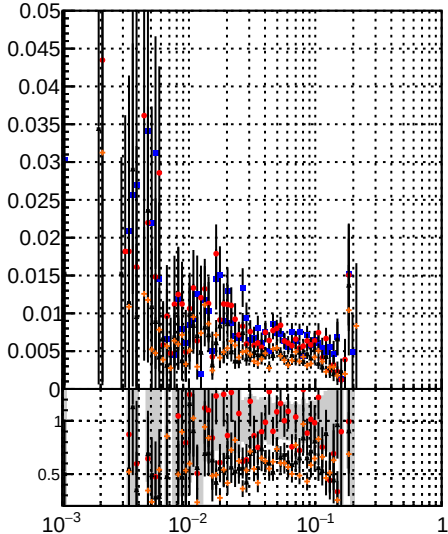


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr

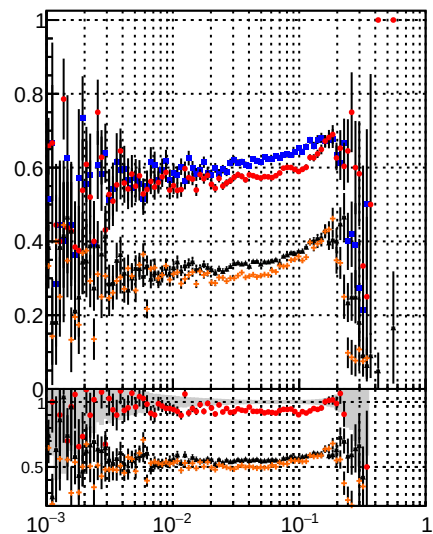
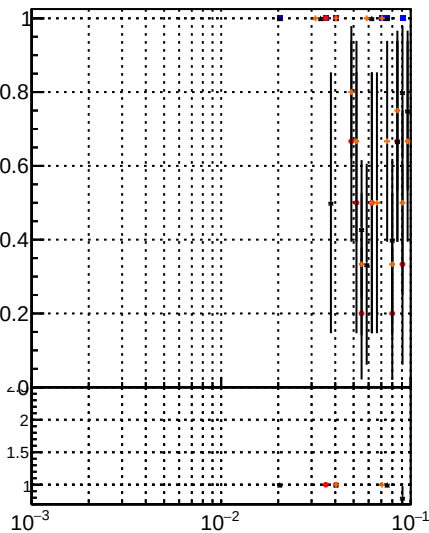
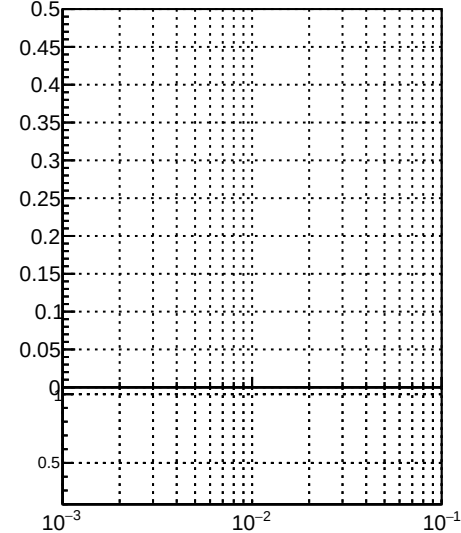
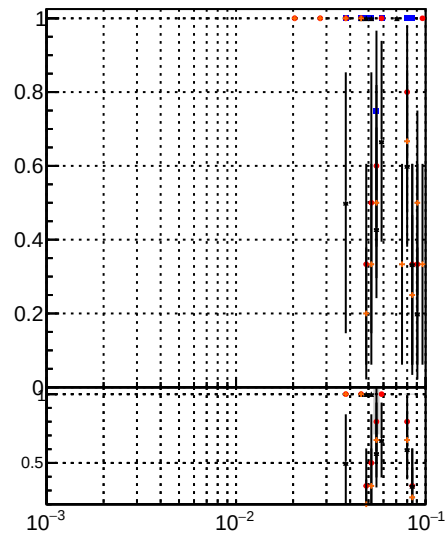


Figure 1: Fake rate vs. significance for various models. The plot shows fake rates for DOM, Displaced, SUSY, and CKMfit models. The y-axis is labeled 'Fake rate vs. significance' and ranges from 0 to 1. The x-axis is labeled 'Significance' and ranges from 0 to 1. The legend indicates: DOM (blue square), Displaced (red circle), SUSY (green triangle), and CKMfit (orange diamond). The plot shows that the fake rate for DOM is the highest, followed by Displaced, SUSY, and CKMfit.

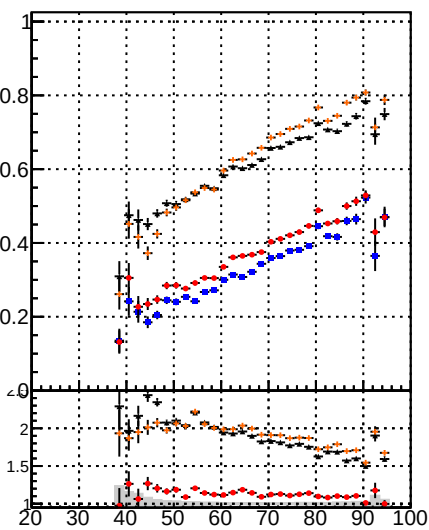


Fit BDT
Fit BDT

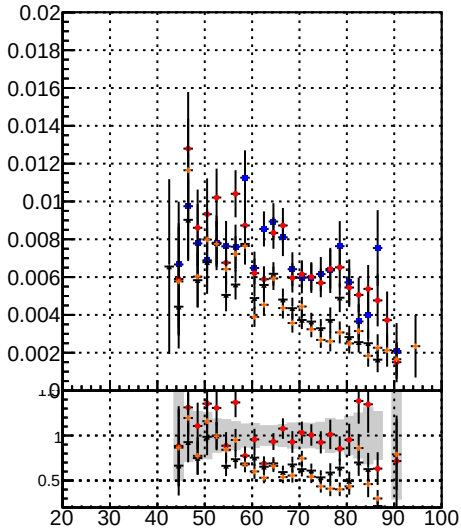




Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

