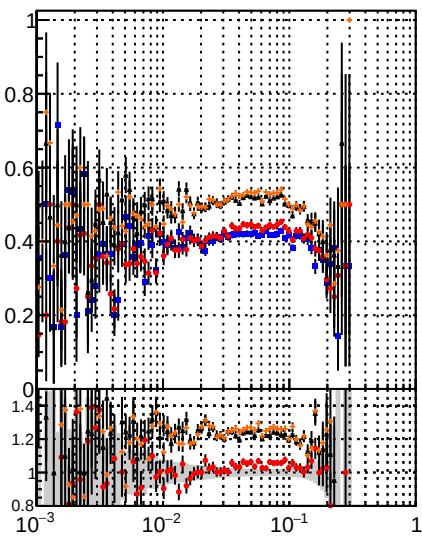
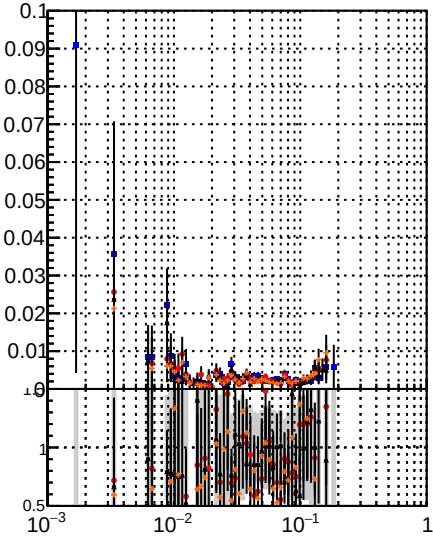


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr

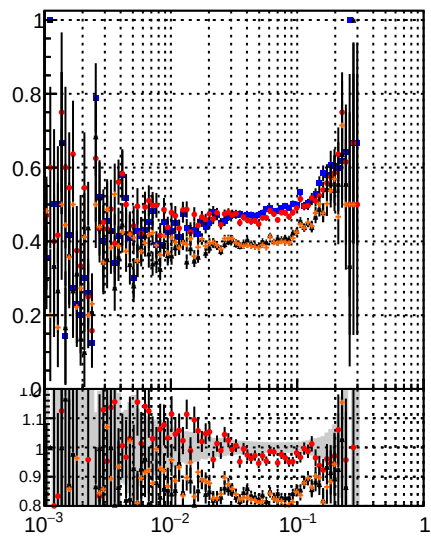
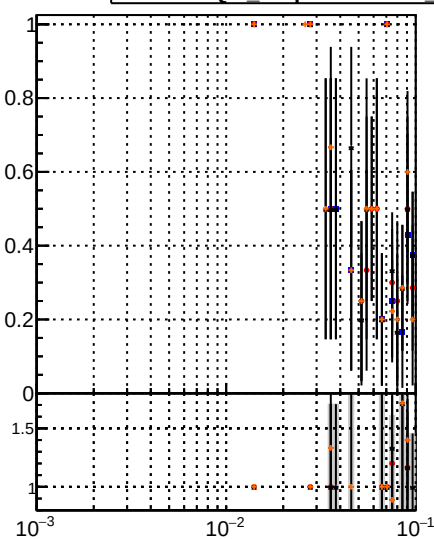
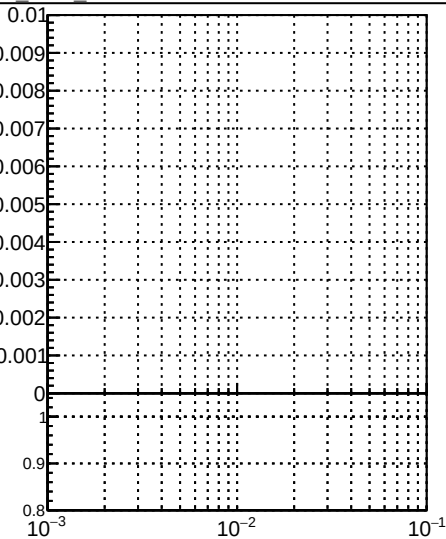
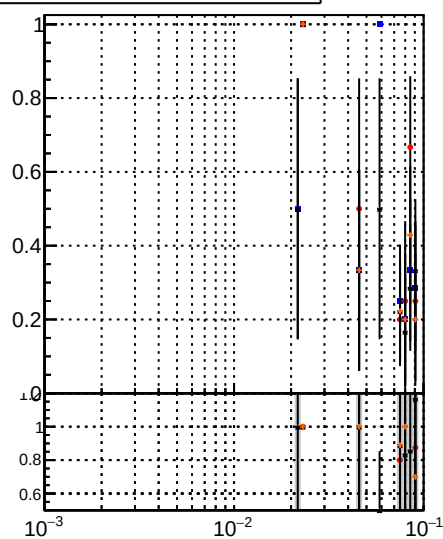


Figure 10: Fake rate vs. significance for various models. The plot shows four horizontal lines representing different models: DOM Displaced SUSY CKE (blue), DOM Displaced SUSY mktFit (red), DOM Displaced SUSY CKE BDT (black), and DOM Displaced SUSY mktFit BDT (orange). The x-axis is 'Significance' (0 to 10) and the y-axis is 'Fake rate vs. significance' (0 to 1). The DOM Displaced SUSY CKE model shows the highest fake rate, while the DOM Displaced SUSY mktFit BDT model shows the lowest.

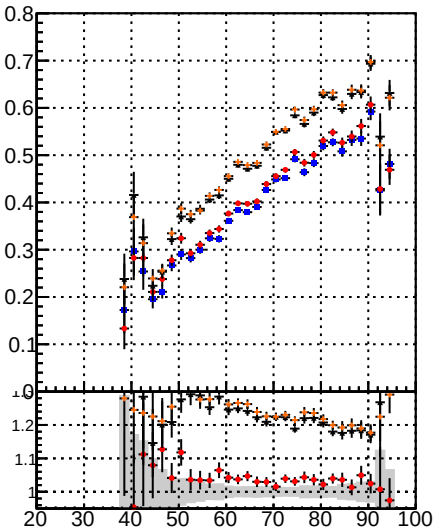


E_{it}

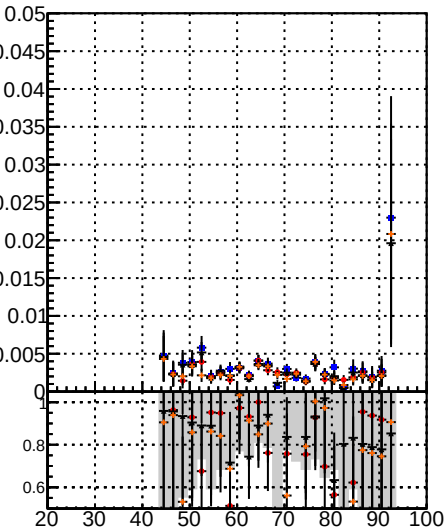




Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

