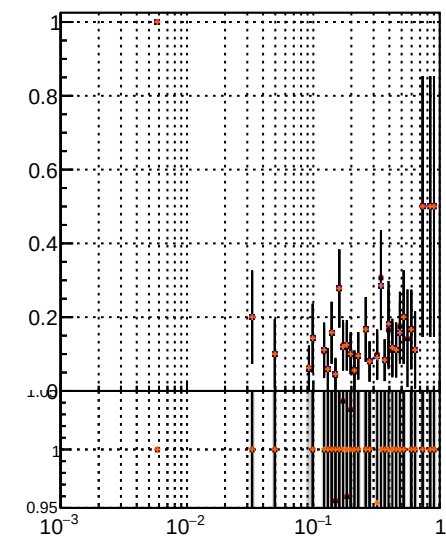
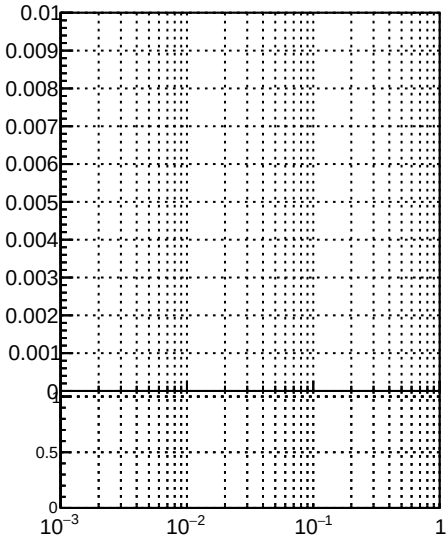


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr

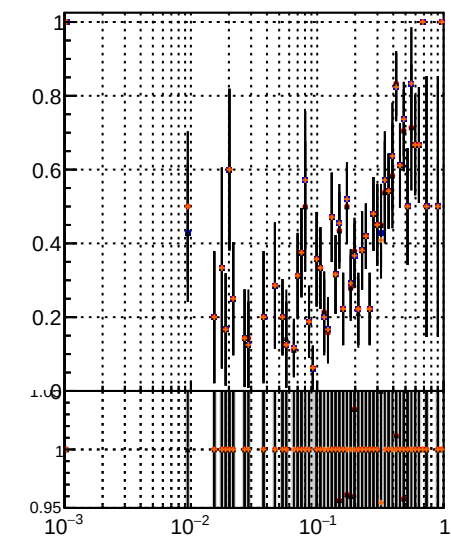
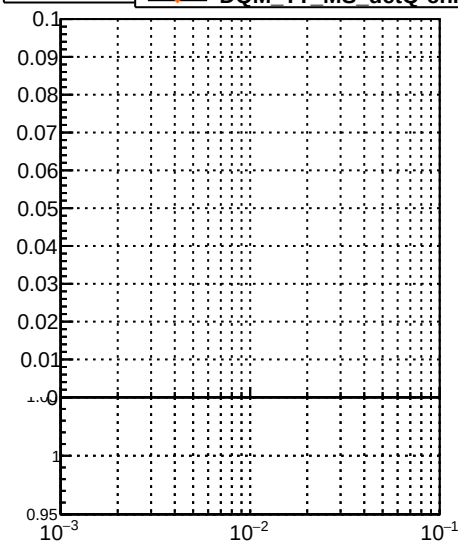
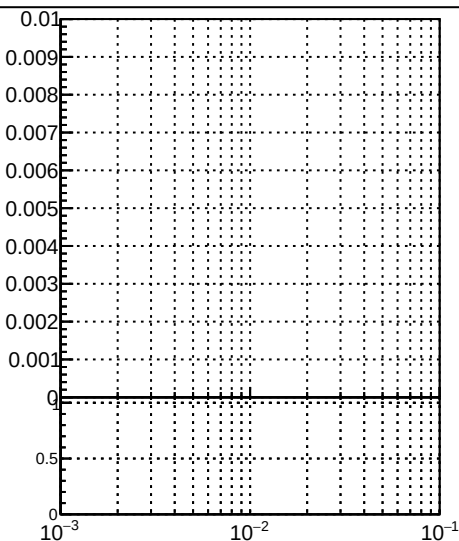
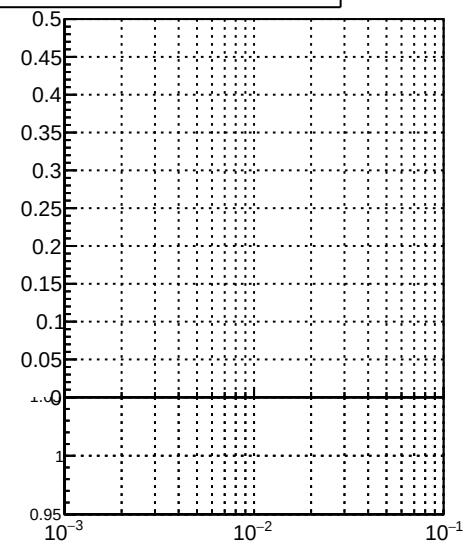


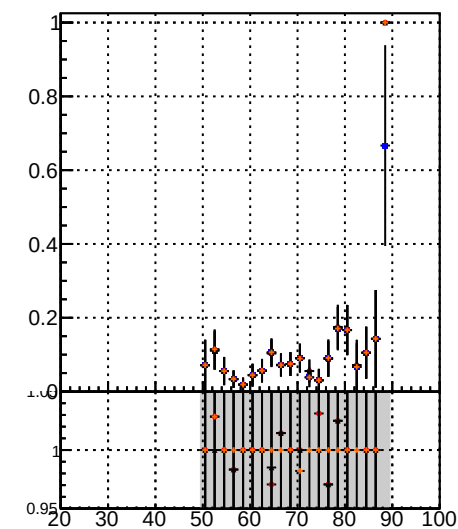
Figure 1: Fake rate vs. significance for different background rejection methods. The plot shows fake rates for three methods: detQ (blue), detQ-dpdaq (red), and detQ-chi2 (orange) across three significance levels: DOM, TT, and MS. The y-axis is 'Fake rate vs.' and the x-axis is 'Significance'.



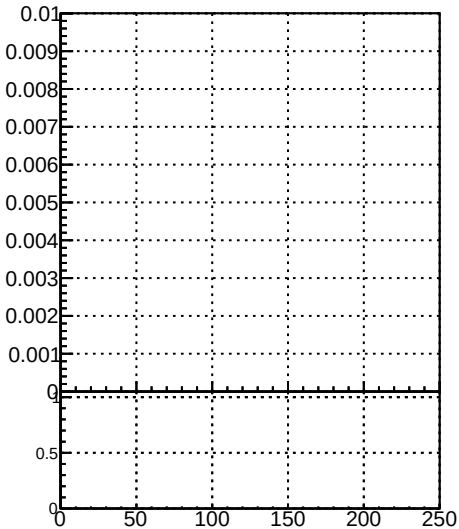




Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

