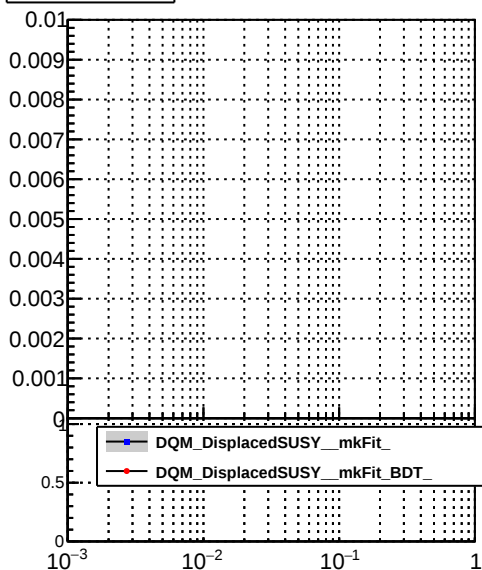
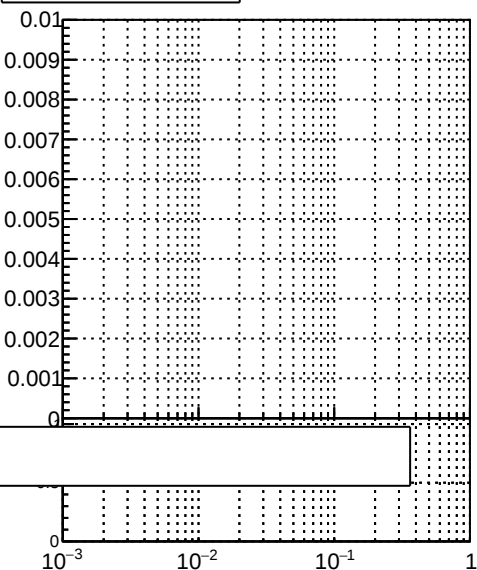


Efficiency vs dr**fake+duplicates vs ΔR** **Efficiency vs dr (track,jet)****fake+duplicates vs ΔR (track, jet)****Efficiency vs pu****fake+duplicates vs PU**