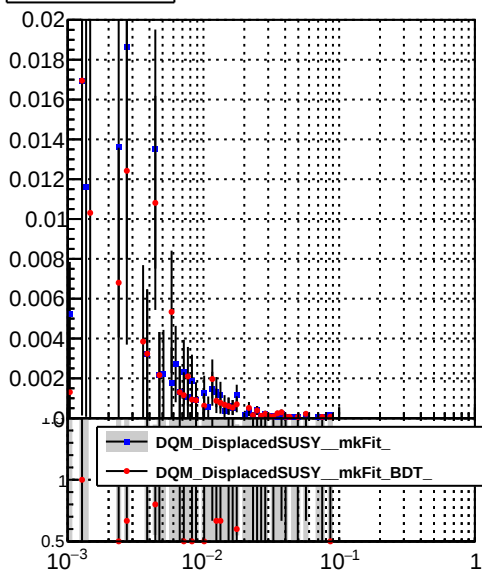
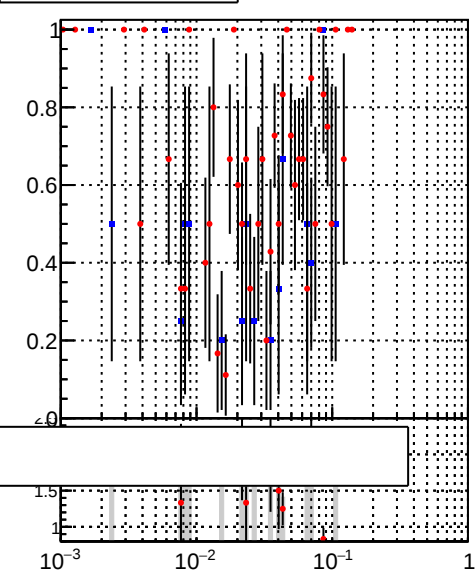
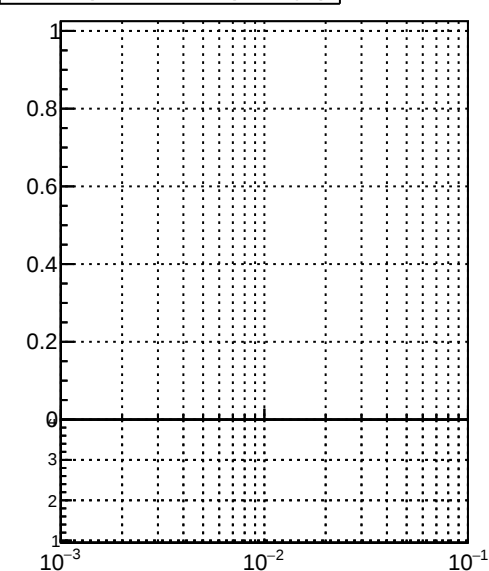
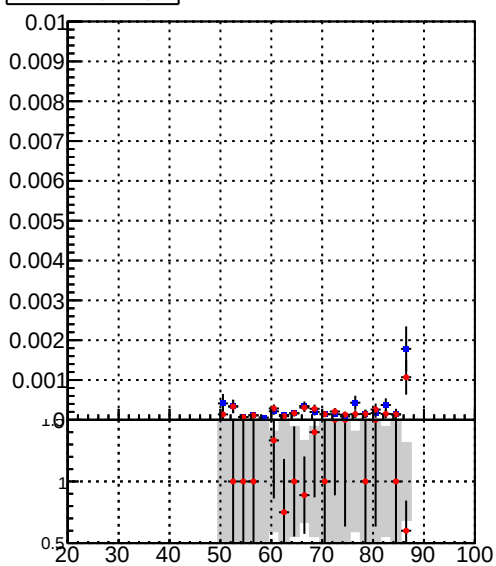


**Efficiency vs  $\Delta r$** 

**fake+duplicates vs  $\Delta R$** 

**Efficiency vs  $\Delta r$  (track,jet)**

**fake+duplicates vs  $\Delta R$ (track, jet)**

**Efficiency vs pu**

**fake+duplicates vs PU**
