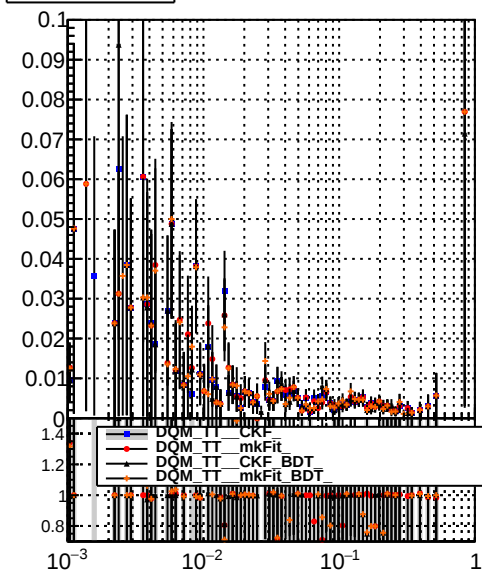
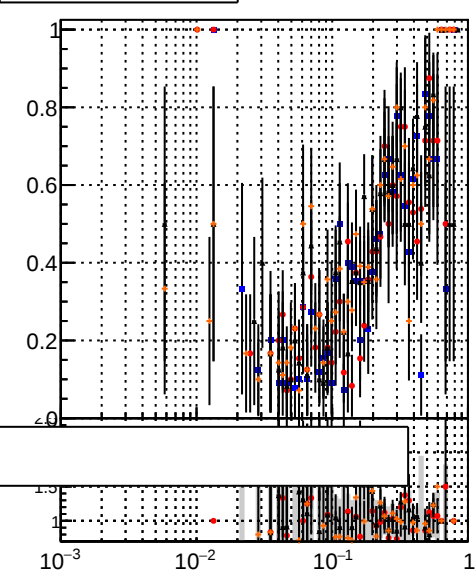
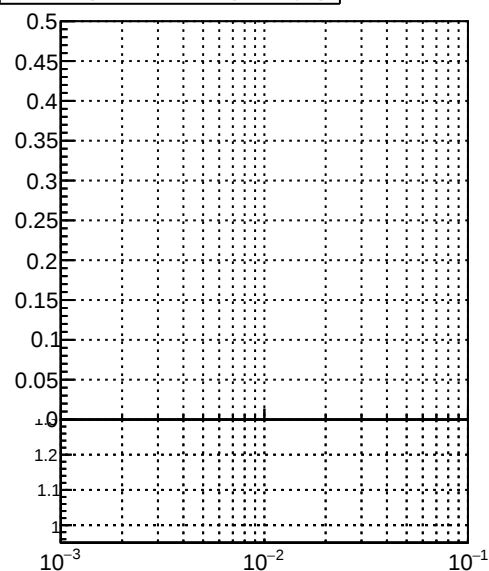
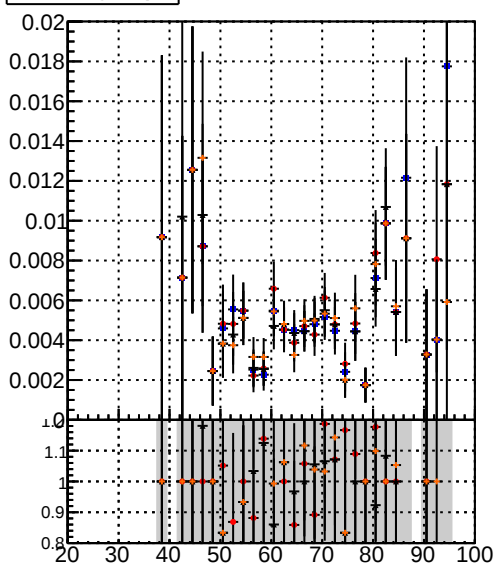


**Efficiency vs  $d_r$** 

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

**Efficiency vs  $d_r(\text{track, jet})$** 

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

**Efficiency vs pu**

**fake+duplicates vs PU**
