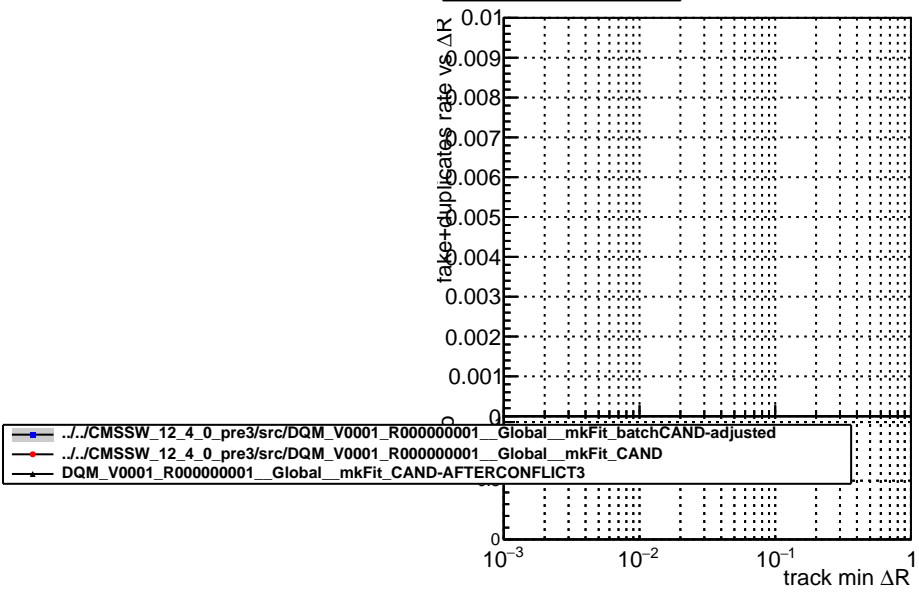
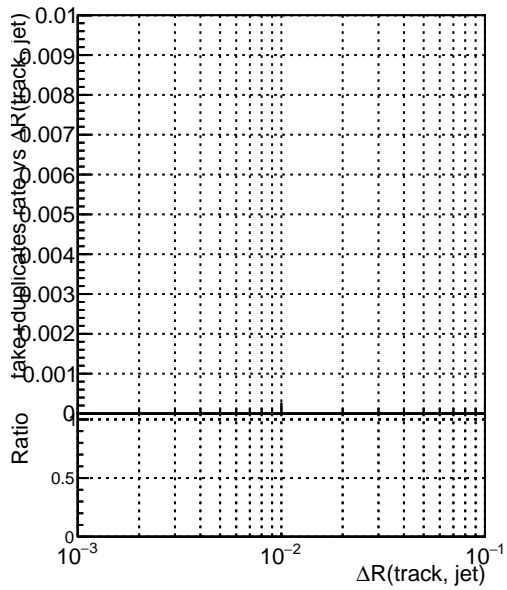


**fake+duplicates vs  $\Delta R$**



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



**fake+duplicates vs PU**

