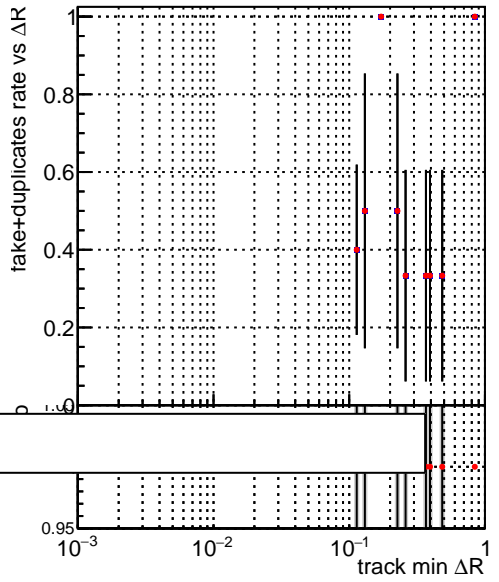
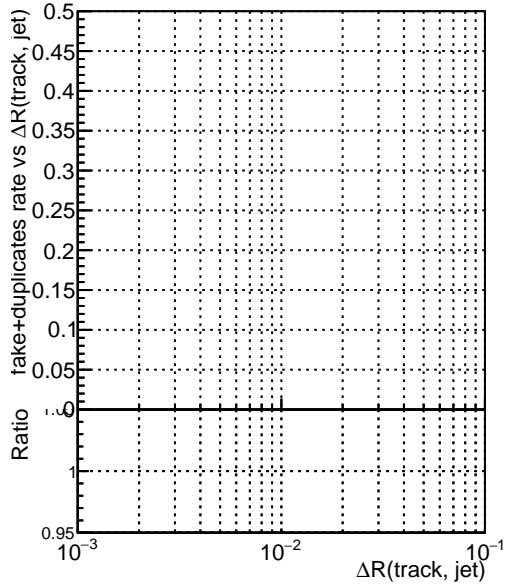


**fake+duplicates vs  $\Delta R$** 

SoftQCD\_default  
 SoftQCD\_ckfPixelLessStep

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