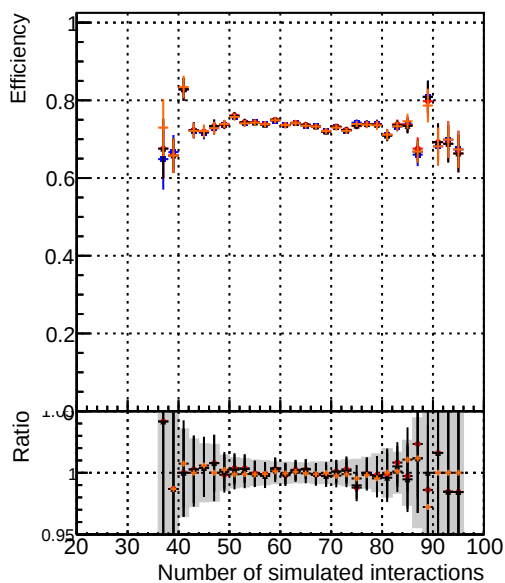
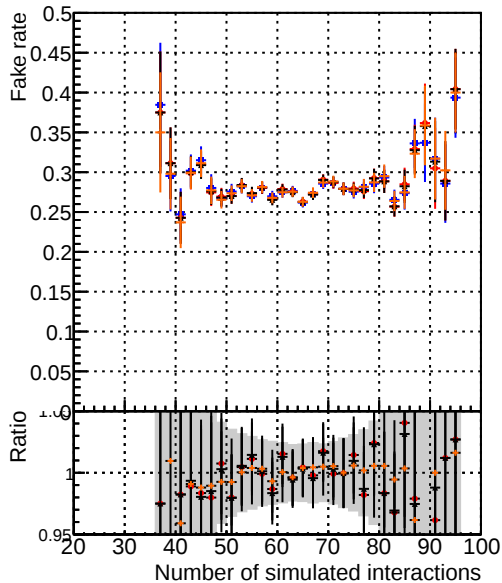
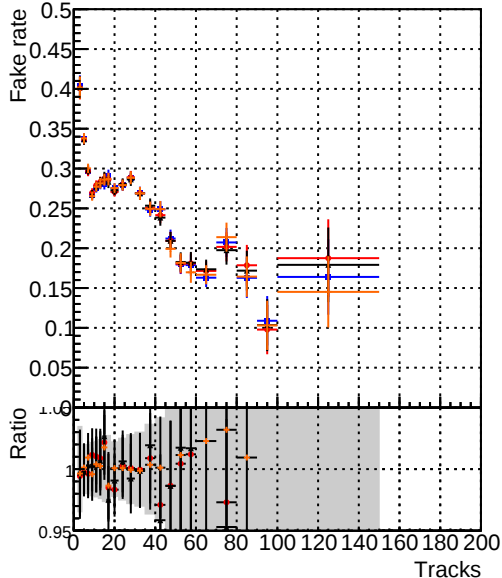
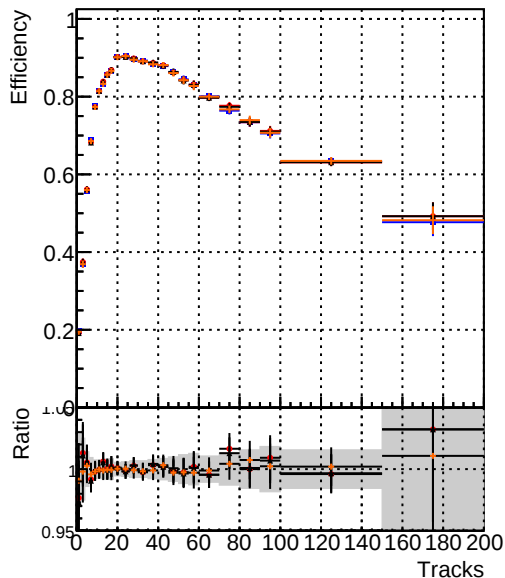
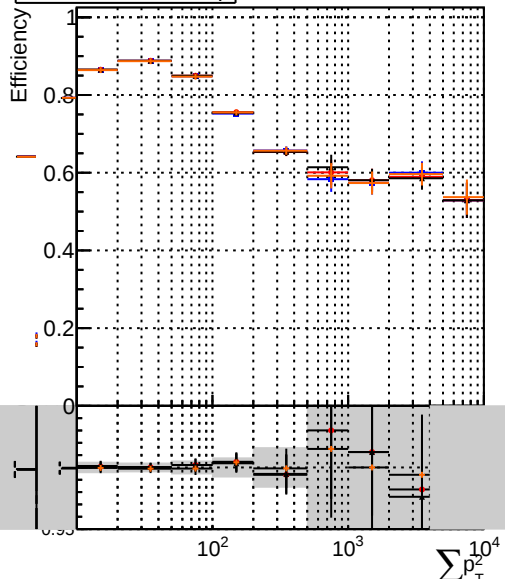


Efficiency vs NumVertices**Fakrate vs PU**

DOM_CKFFit_1000evt
 DOM_CKFREFit_1000evt
 DOM_NANTESTCKF2_1000evt
 DOM_NANTESTCKF3_1000evt

**Efficiency vs Sum p_T^2** **Fakrate vs Sum p_T^2** 