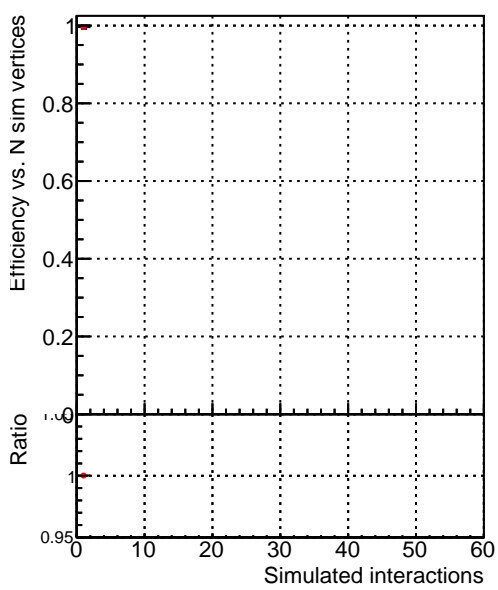
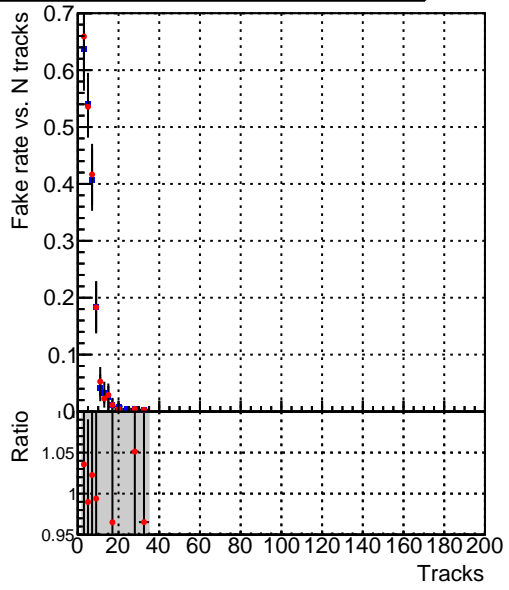
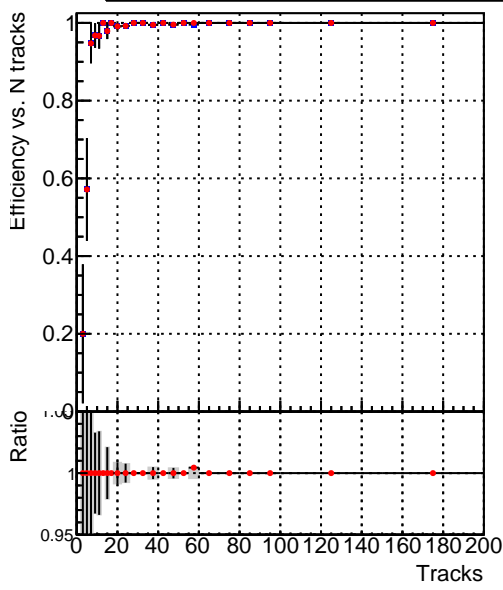
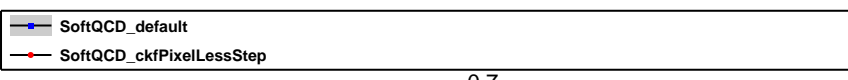
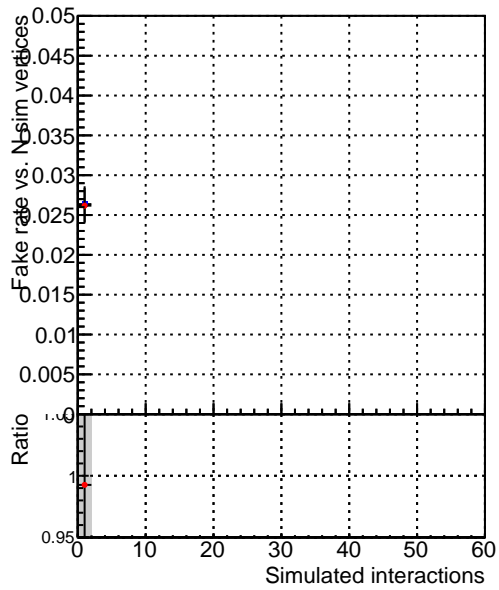
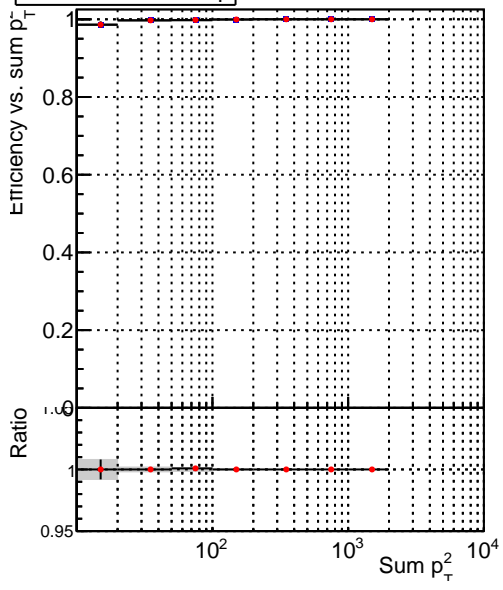


**Efficiency vs NumVertices****Fakrate vs PU****Efficiency vs Sum  $p_T^2$** **Fakrate vs Sum  $p_T^2$** 