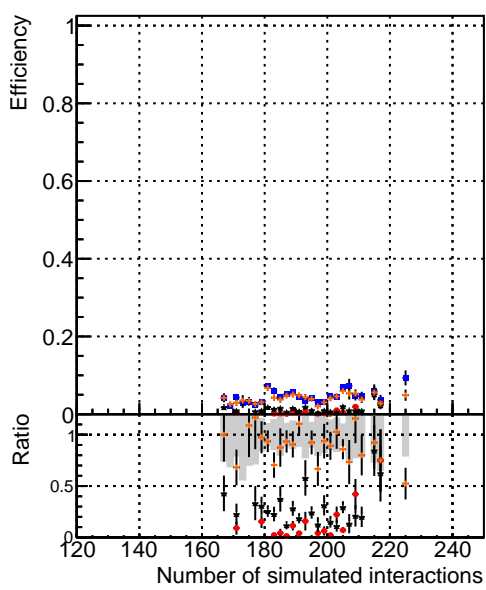
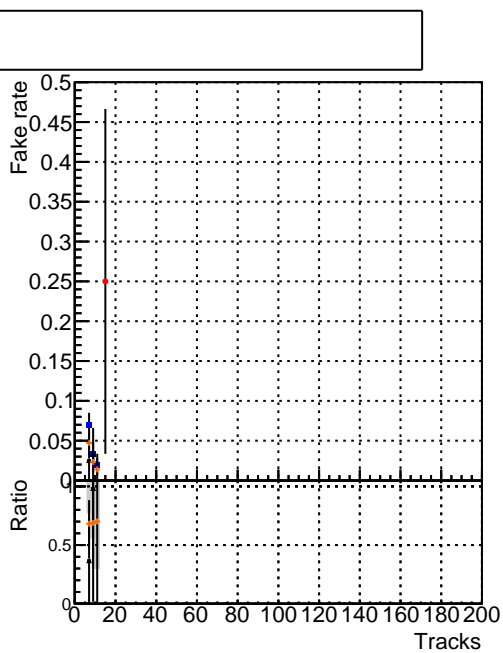
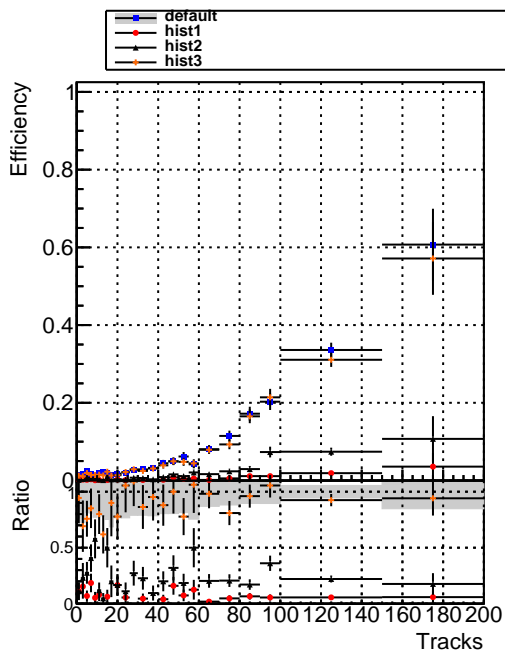
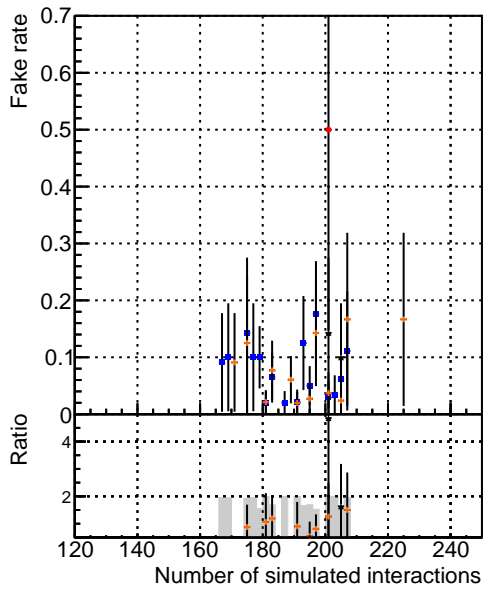
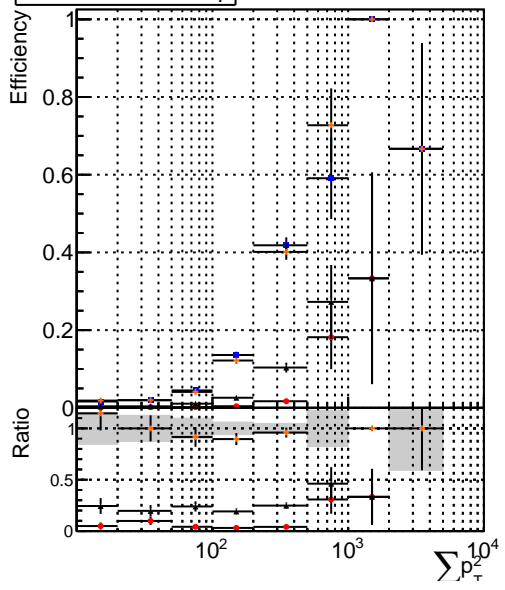


**Efficiency vs NumVertices****Fakerate vs PU****Efficiency vs Sum  $p_T^2$** **Fakerate vs Sum  $p_T^2$** 