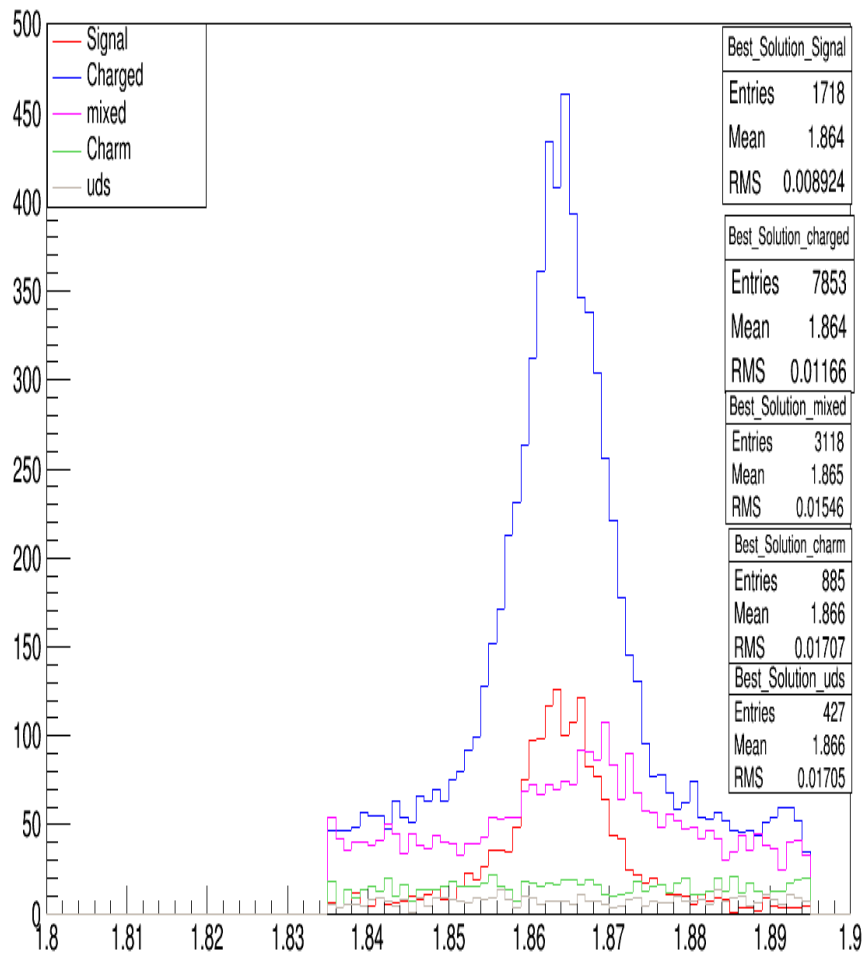


# Update

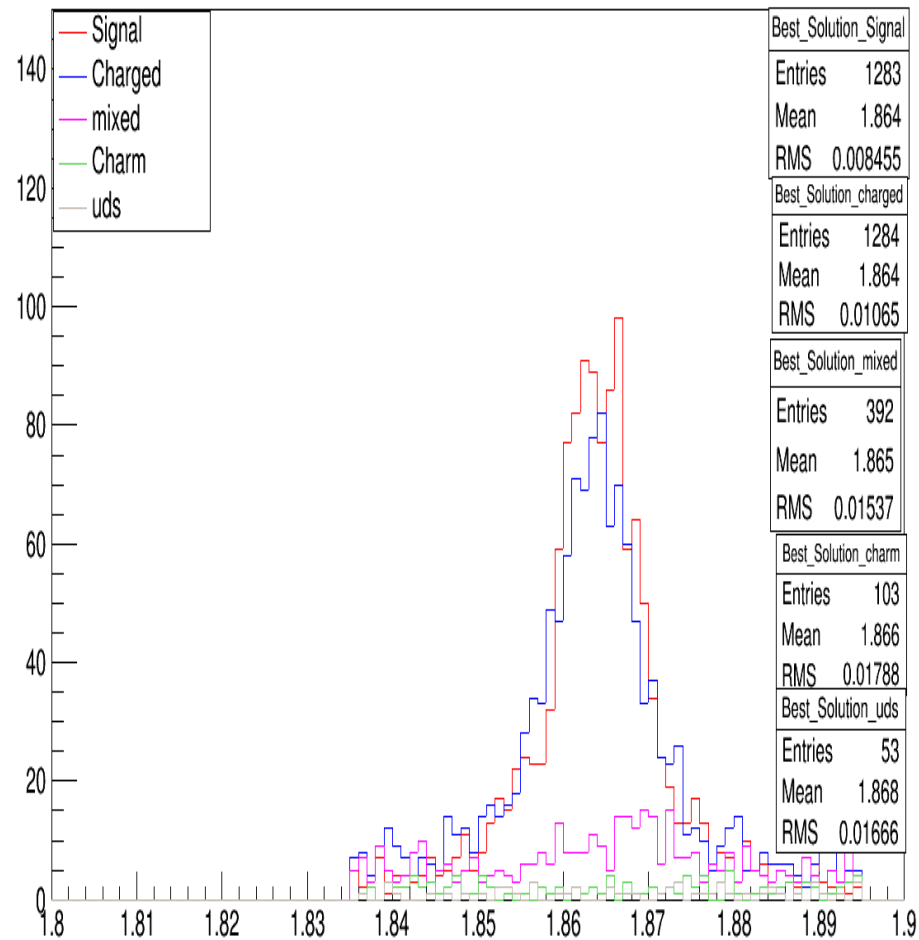
1 M signal and One stream of generic Belle MC

22 August 2023

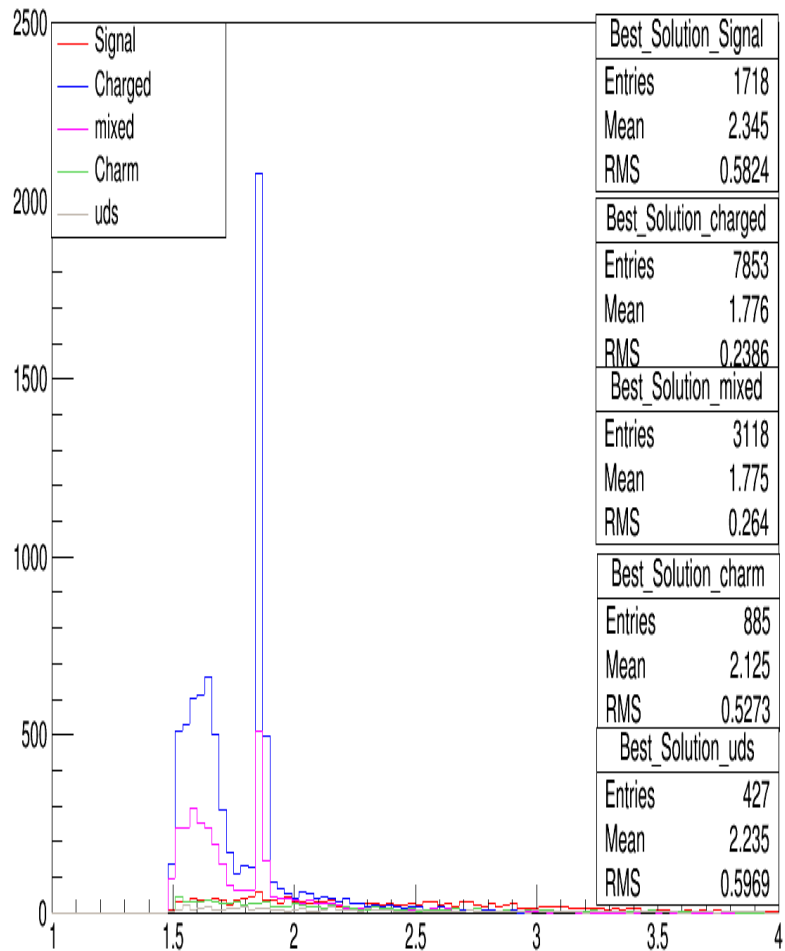
$m_D$  with only  $\text{abs}(m_D - 1.865) < 0.03$  cut



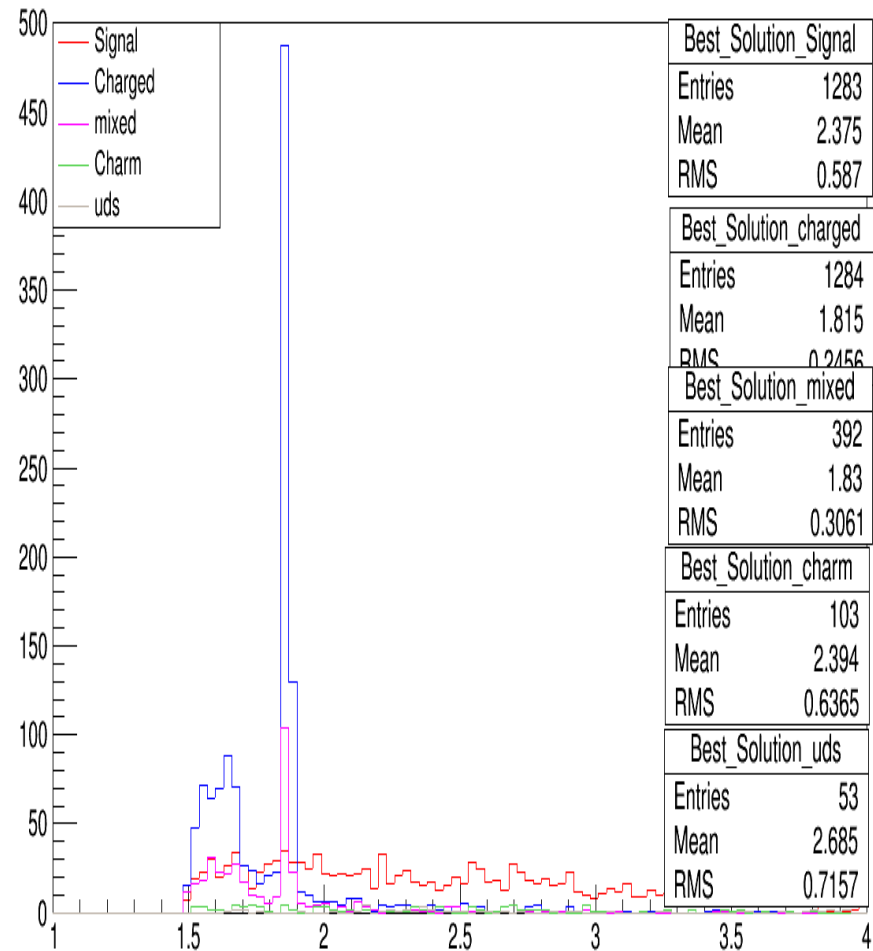
$m_D$  after all cuts



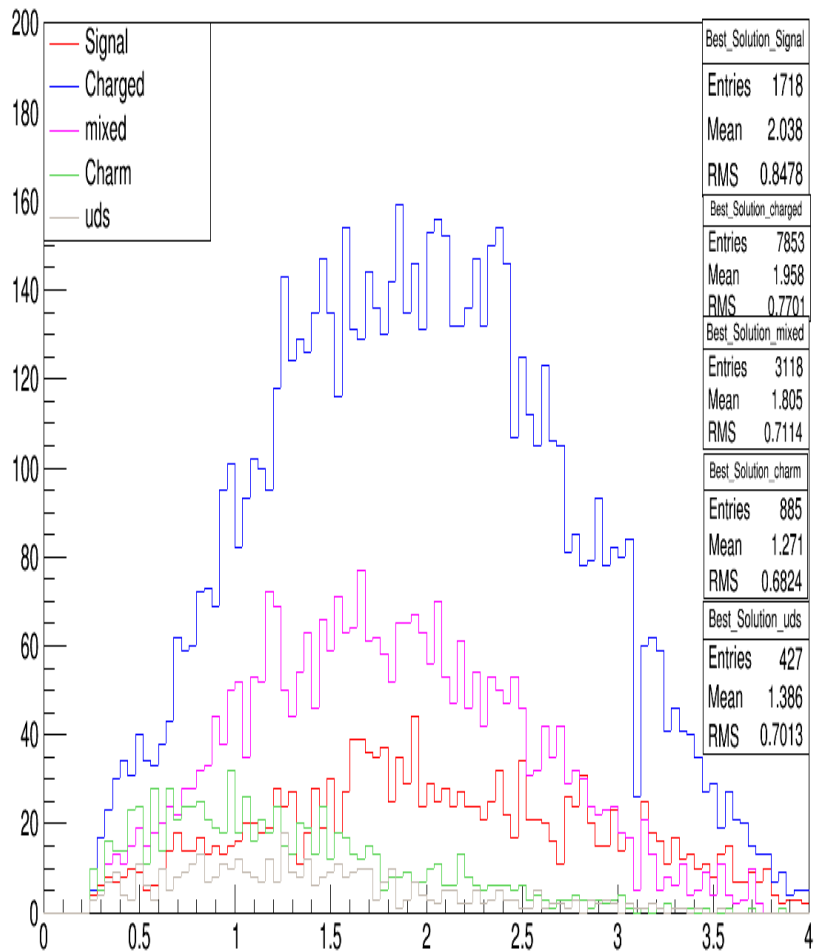
m\_Kpi with only abs(m\_D-1.865)<0.03 cut



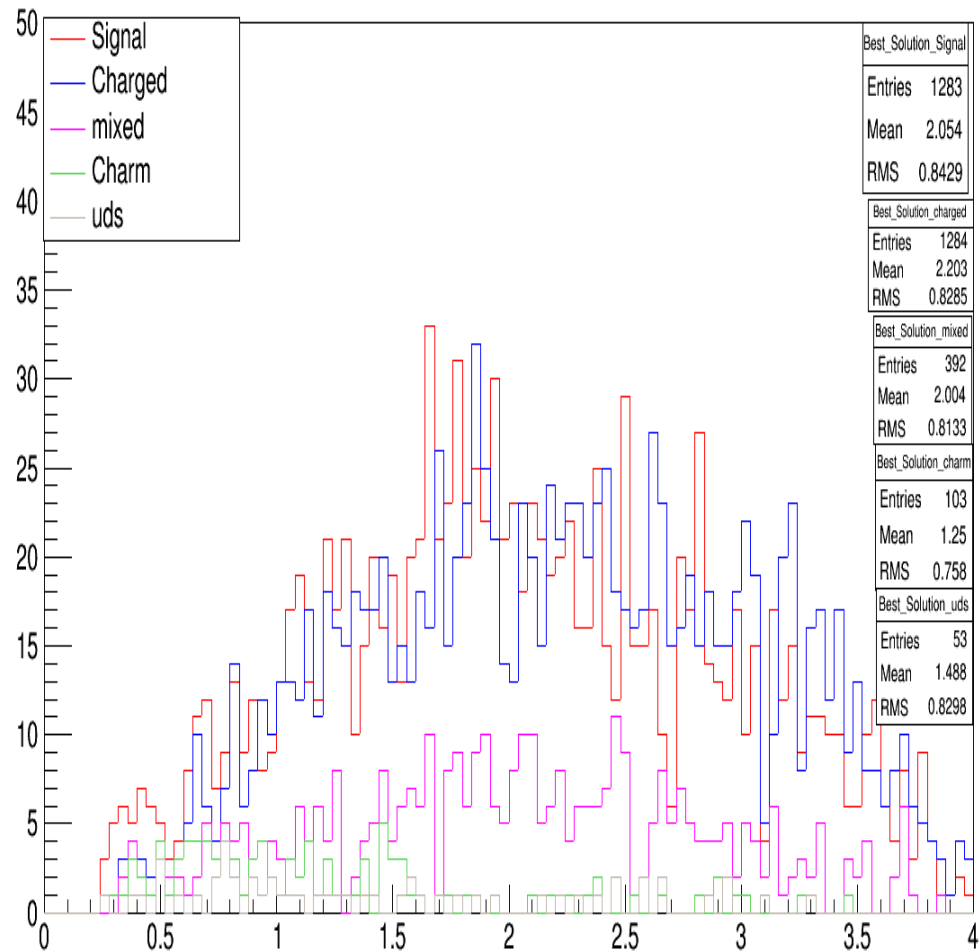
m\_Kpi with all cuts



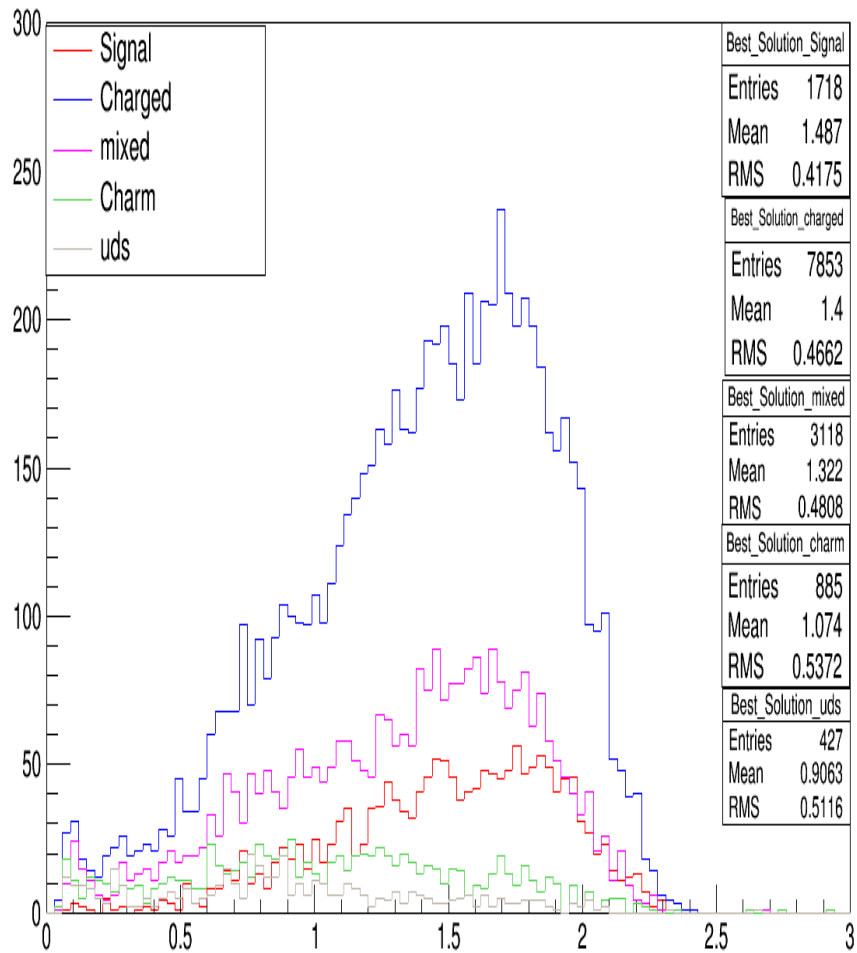
$m_{\text{ipi}}$  with only  $\text{abs}(m_D - 1.865) < 0.03$  cut



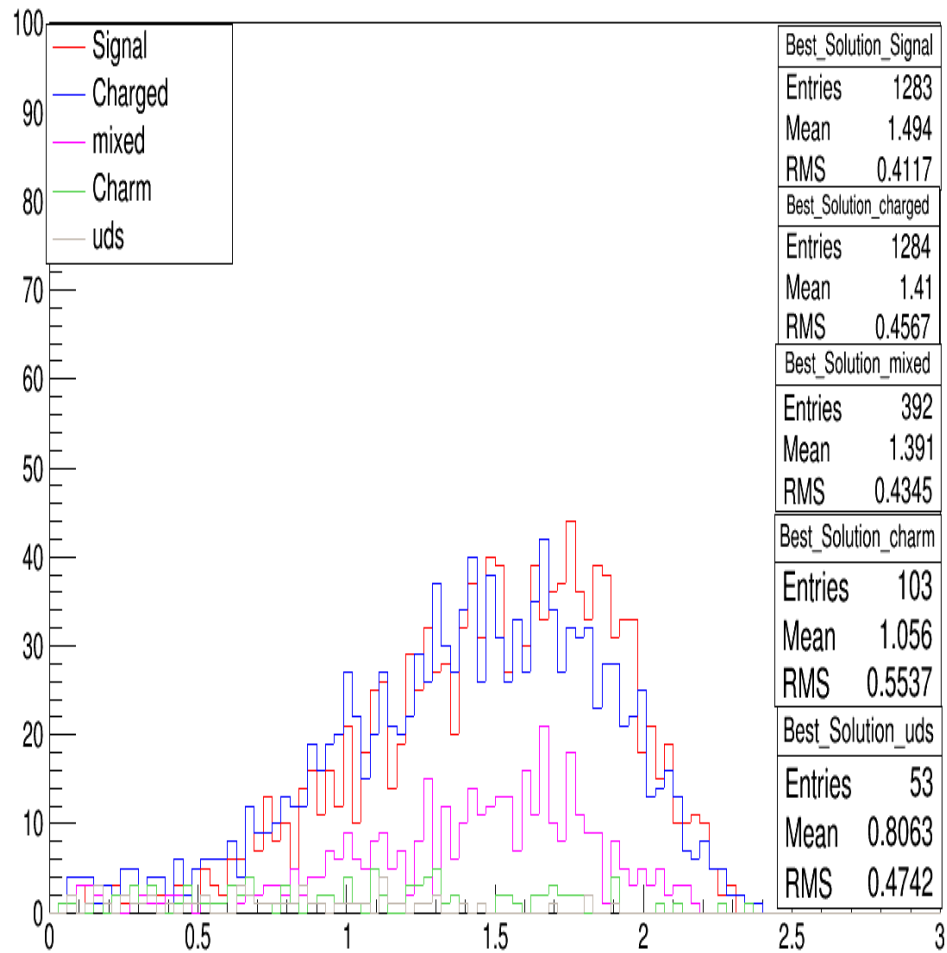
$m_{\text{ipi}}$  with all cuts

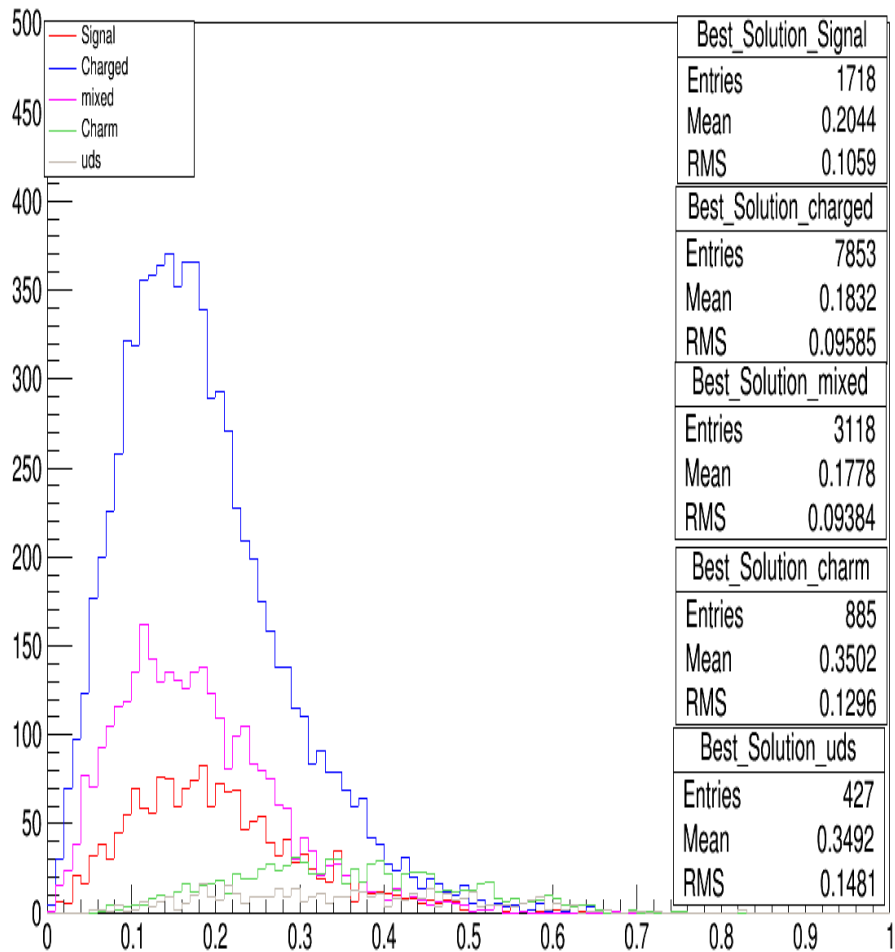


p\_ltag after only abs(m\_D-1.865)<0.03 cut

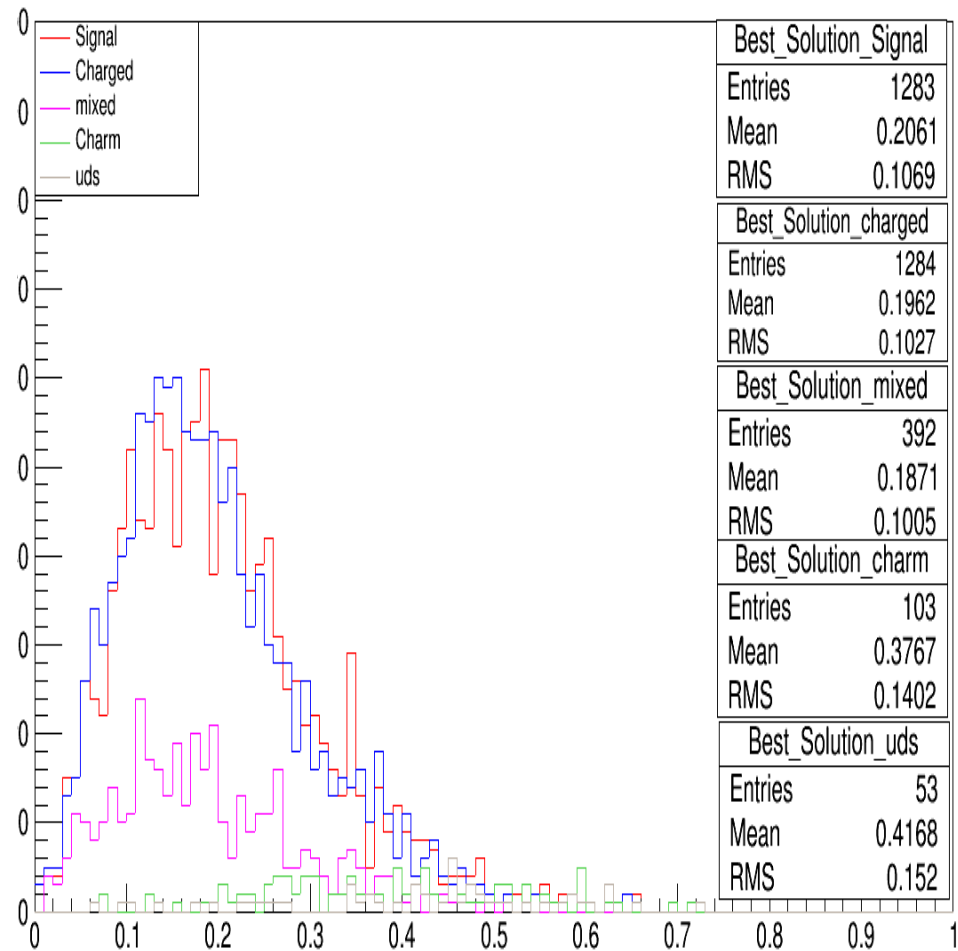


p\_ltag after all cuts

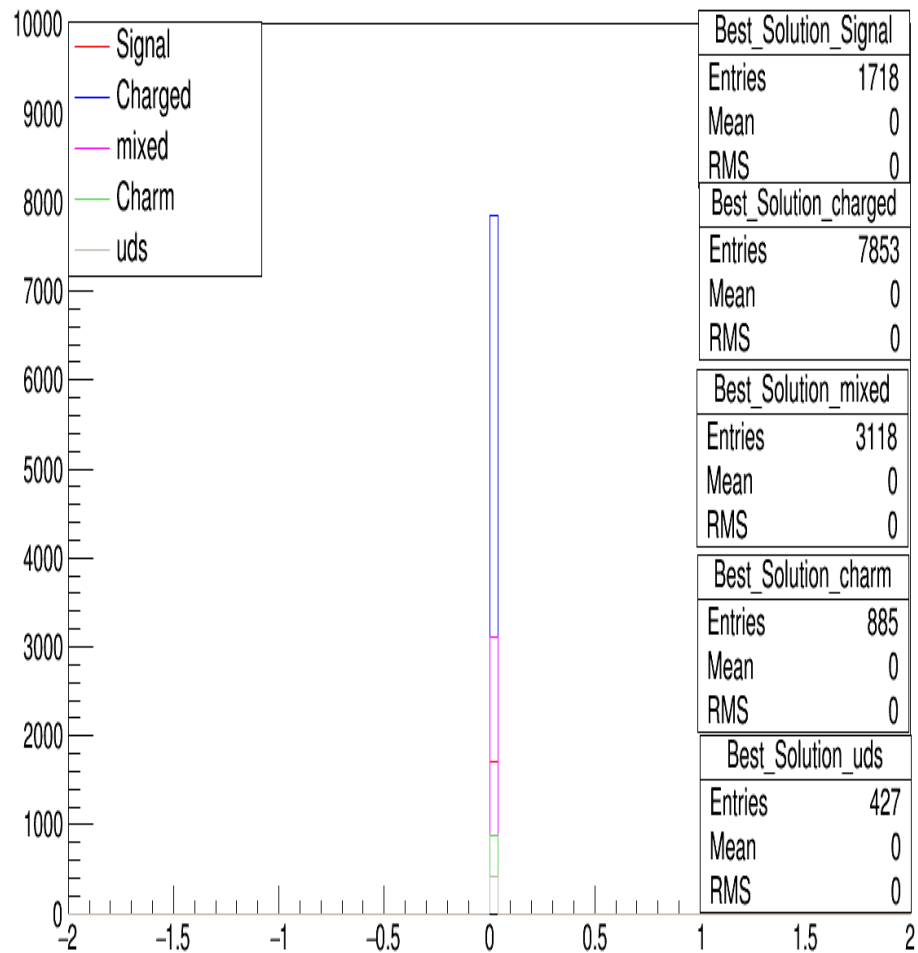


foxWolframR2 with only  $\text{abs}(m_D - 1.865) < 0.03$  cuts

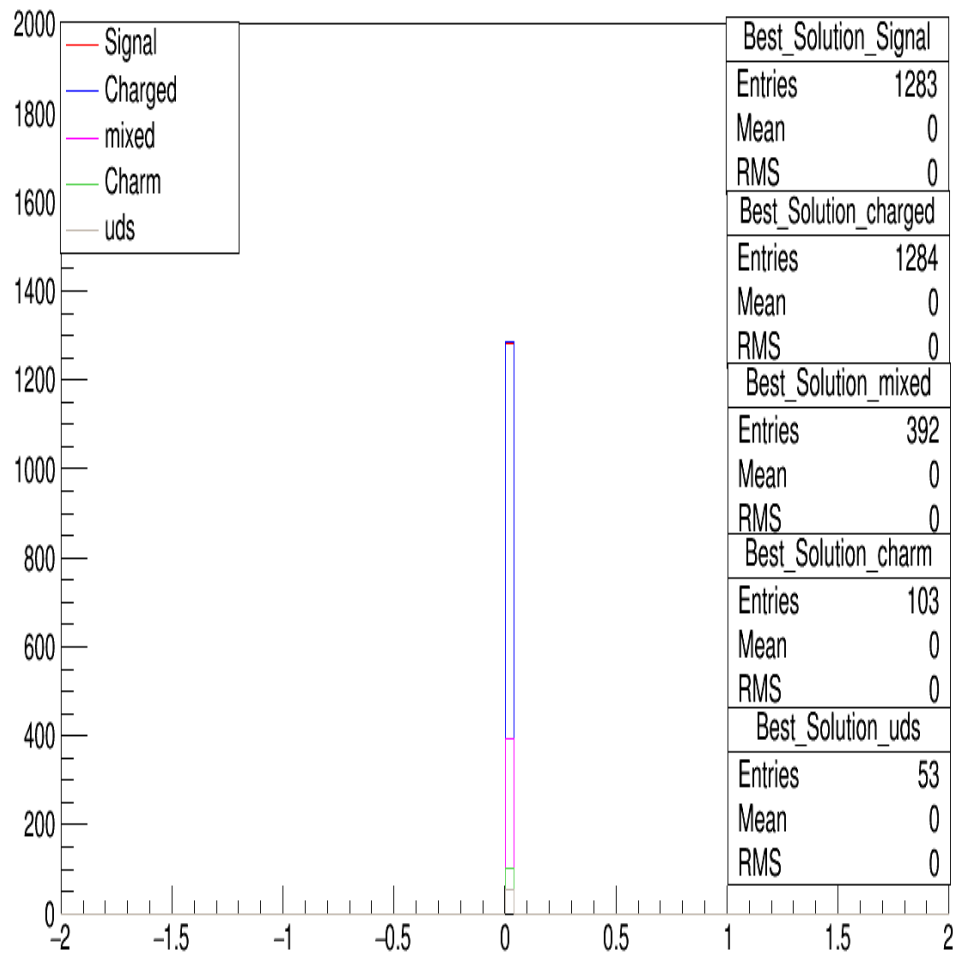
foxWolframR2 with all cuts



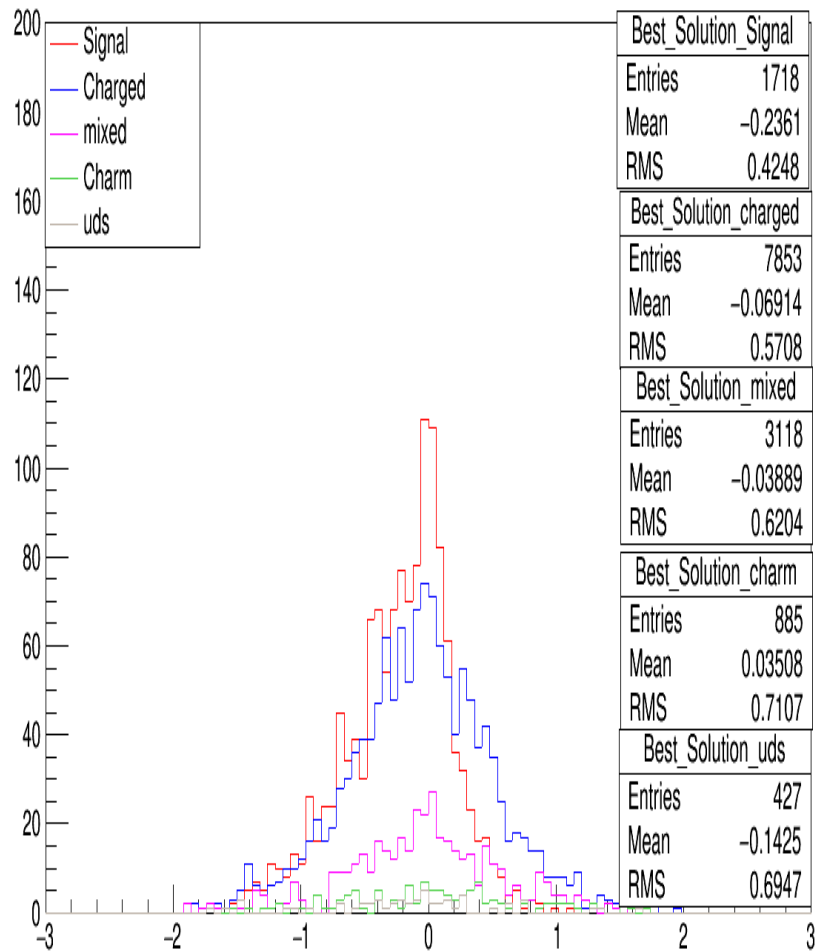
nK\_L\_sig with only  $\text{abs}(m_D - 1.865) < 0.03$  cuts



nK\_L\_sig with all cuts



best cos\_1+cos\_tag with only abs(m\_D-1.865)<0.03 cut



best cos\_1+cos\_tag with all cuts

