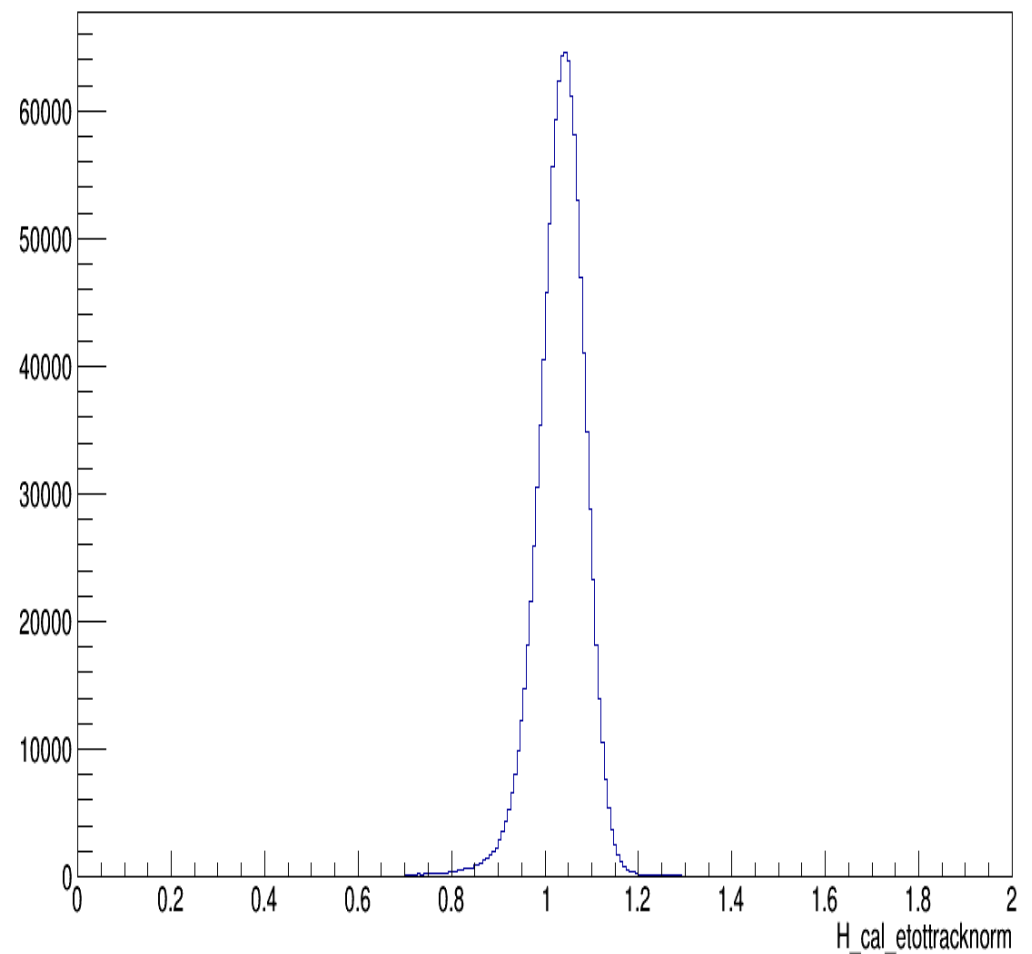
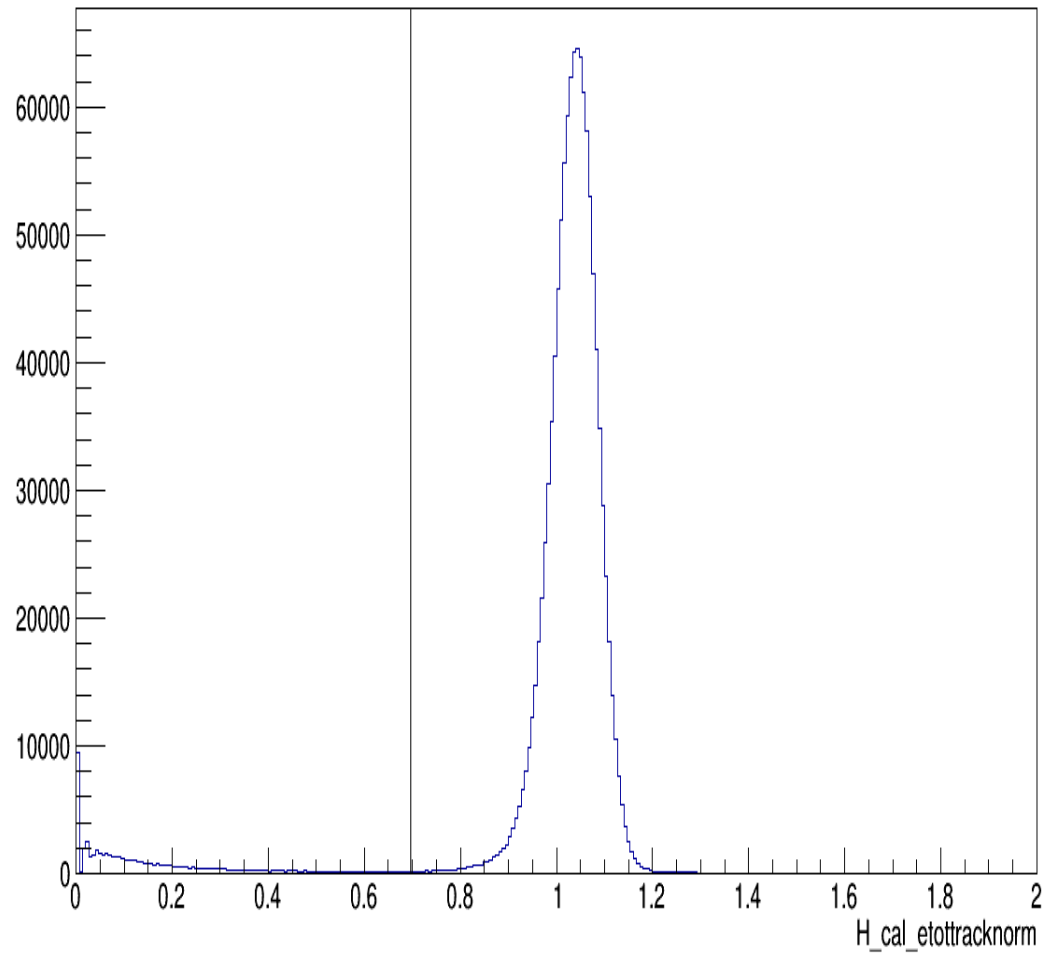


- **Working to analyze the summer 2019 data**
 - **$Q^2 = 0.38$ and 0.42 GeV^2**
 - **Each Q^2 has 3 ϵ (low, mid & high)**
-

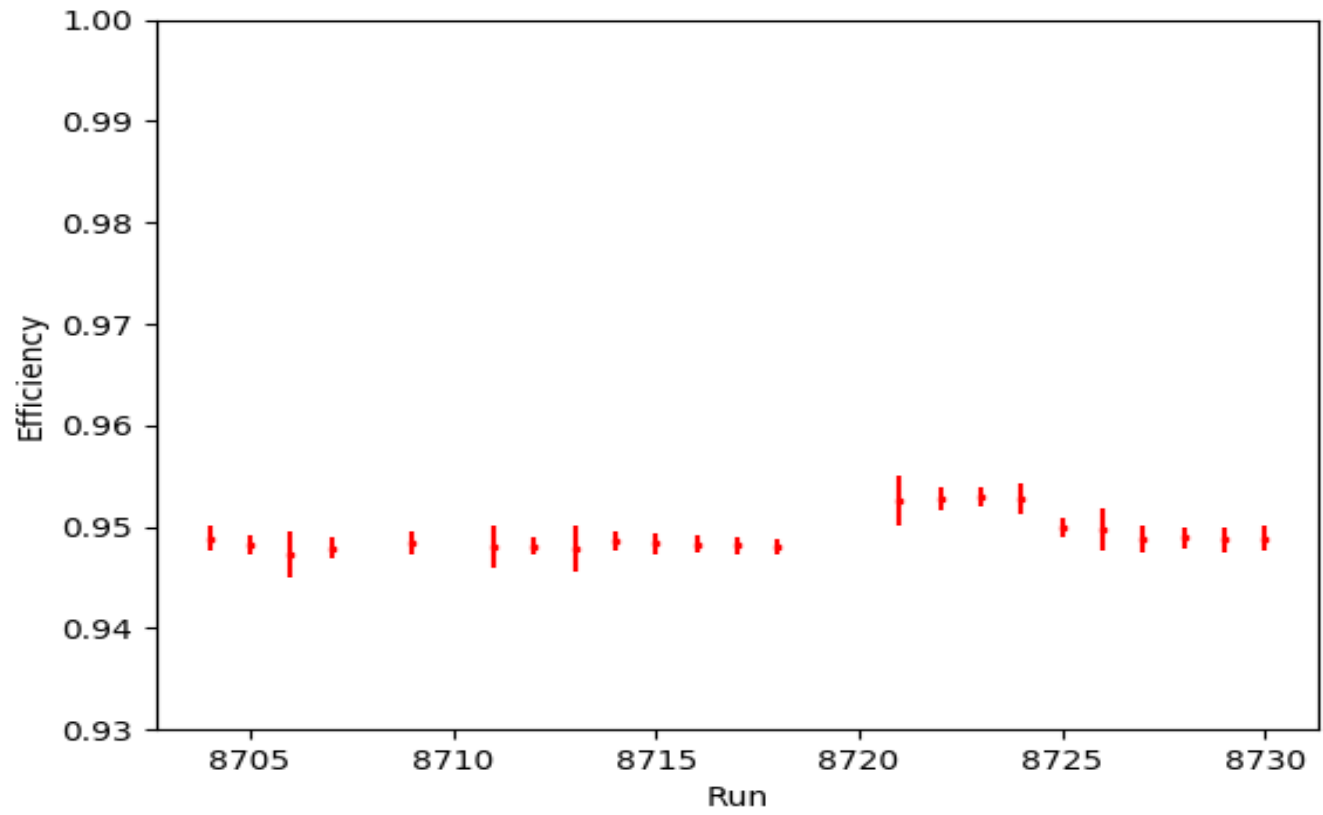
Update:

- HMS Calorimeter Efficiency study

Data: $Q^2 = 0.38 \text{ GeV}^2$, High ε
Run No.: 8704



Data: $Q^2 = 0.38 \text{ GeV}^2$, High ϵ



Cuts

```
P_hod_goodstarttime == 1 && H_hod_goodstarttime == 1;  
P_gtr_dp > -10.0 && P_gtr_dp < 20.0 && P_gtr_xptar > -0.06 && P_gtr_xptar <= 0.06 && P_gtr_yptar > -0.04 && P_gtr_yptar < 0.04;  
H_gtr_dp > -8.0 && H_gtr_dp < 8.0 && H_gtr_xptar > -0.08 && H_gtr_xptar < 0.08 && H_gtr_yptar > -0.045 && H_gtr_yptar < 0.045;  
H_cer_npeSum >= 0.65;
```

HMS Calorimeter efficiency

```
H_cal_etottracknorm > 0.7
```