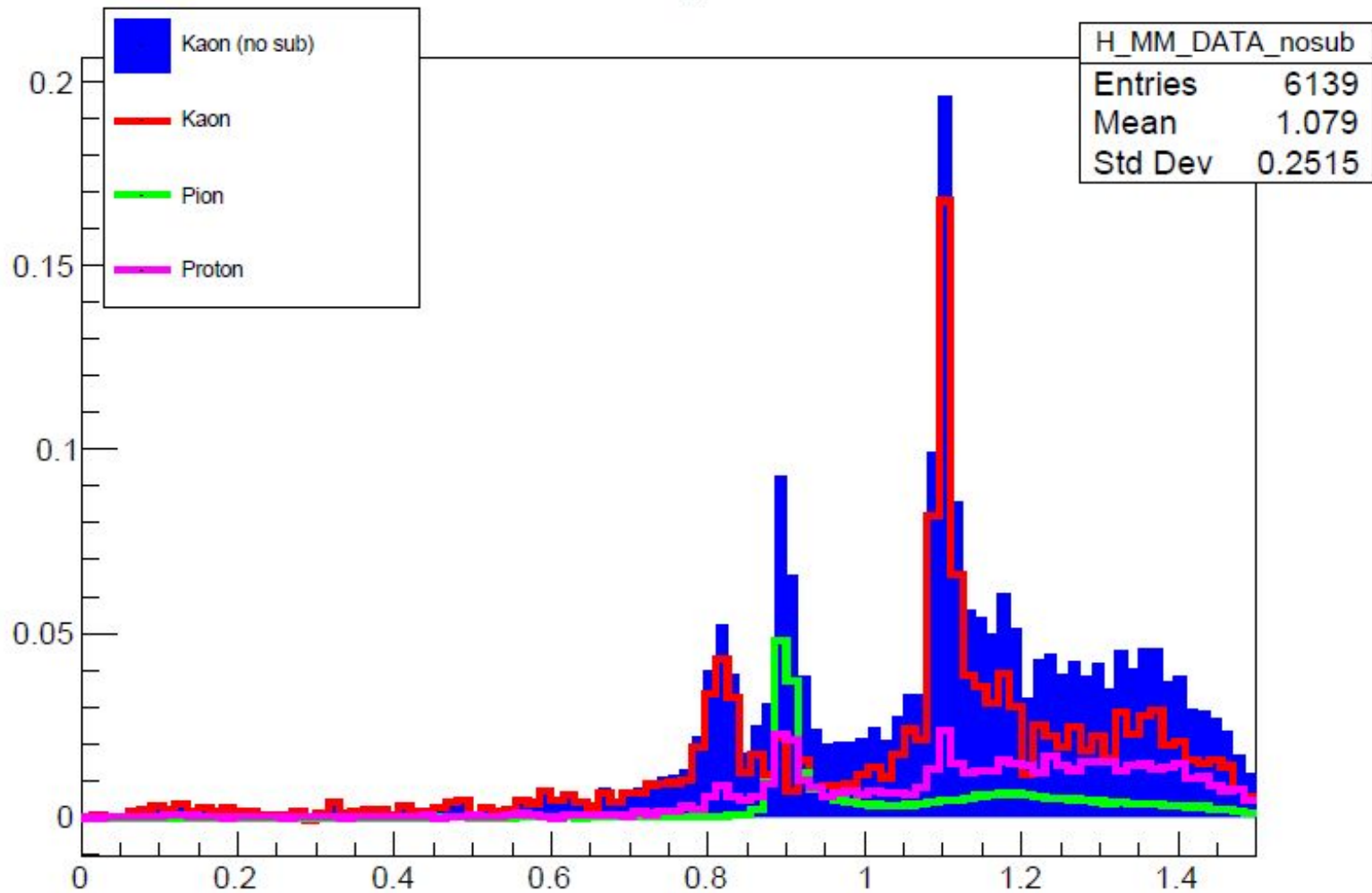




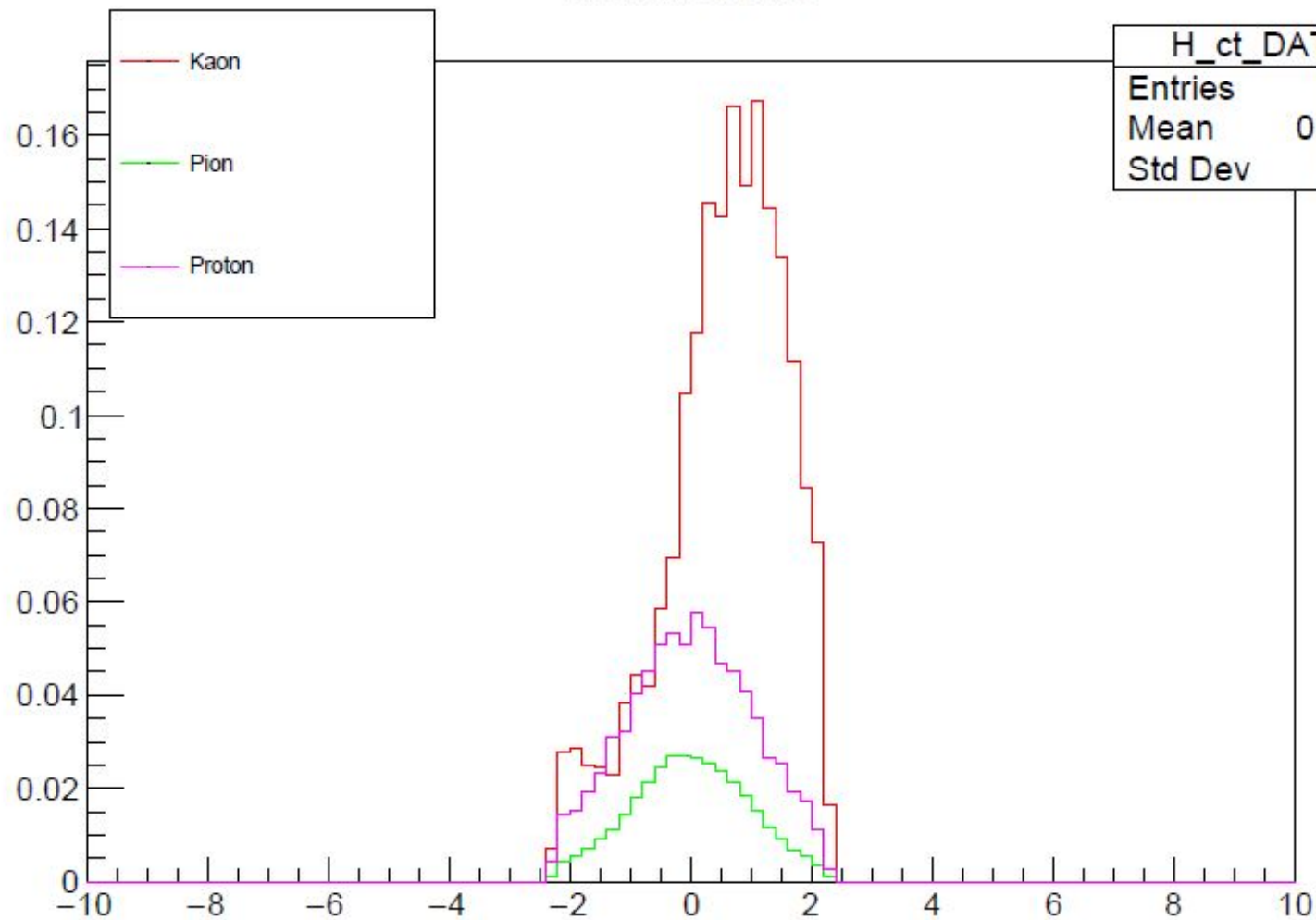
Kaon LT Status Update

April 27th, 2023

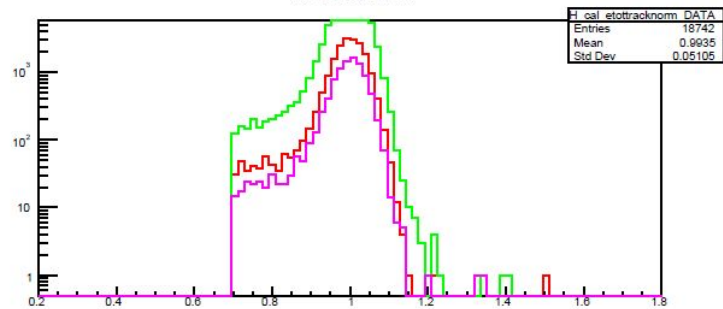
Richard Trotta

MM_K 

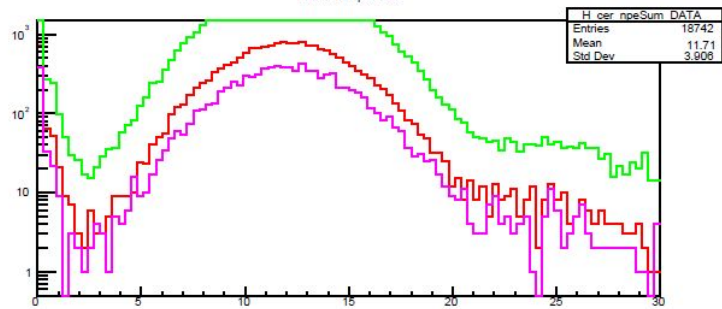
Electron-Kaon CTime



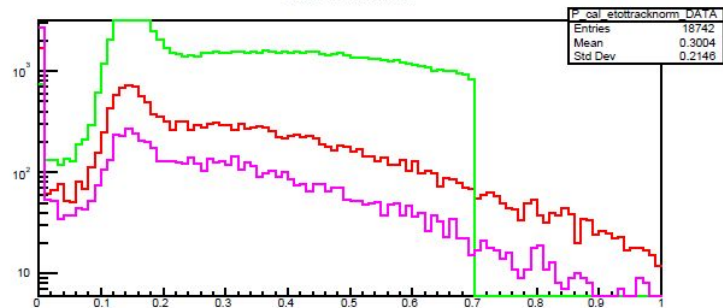
HMS Cal etotracknorm



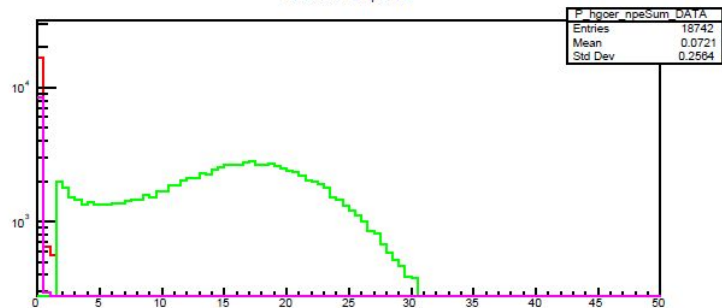
HMS Cer Npe Sum



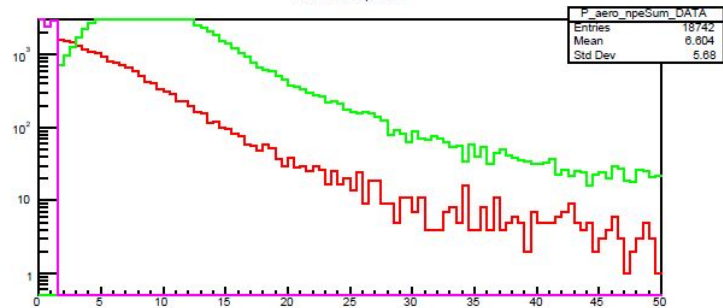
SHMS Cal etotracknorm



SHMS HG Cer Npe Sum



SHMS Aero Npe Sum



coin_ek_cut_prompt_RF

Kaon

```
['{"CTime_eKCoinTime_ROC1" : (CTime_eKCoinTime_ROC1 > ((0)-((4.008)/2.0)-(0.25))) & (CTime_eKCoinTime_ROC1 < ((0)+((4.008)/2.0)+(0.25)))}', {"P_RF_Dist" : (P_RF_Dist > (0.75) ) & (P_RF_Dist < (1.75) )}', {"P_hod_goodstarttime" : (P_hod_goodstarttime == 1.0)}}, {"H_hod_goodstarttime" : (H_hod_goodstarttime == 1.0)}}, {"H_gtr_dp" : ((H_gtr_dp > -8) & (H_gtr_dp < 8))}', {"P_gtr_dp" : ((P_gtr_dp > -10) & (P_gtr_dp < 20))}', {"P_gtr_beta" : ((abs(P_gtr_beta-1)) < 0.3)}}, {"P_hgcer_npeSum" : (P_hgcer_npeSum < 1.5)}}, {"P_aero_npeSum" : (P_aero_npeSum > 1.5)}}, {"H_cal_etottracknorm" : (H_cal_etottracknorm > 0.7)}}, {"P_cal_etottracknorm" : (P_cal_etottracknorm >= 0.0)}}, {"P_cal_etottracknorm >= 0.0}}']
```

coin_epi_cut_prompt_noRF

Pion

```
['{"CTime_ePiCoinTime_ROC1" : (CTime_ePiCoinTime_ROC1 > ((0.0)-((4.008)/2.0)-(0.25))) & (CTime_ePiCoinTime_ROC1 < ((0.0)+((4.008)/2.0)+(0.25)))}', {"P_hod_goodstarttime" : (P_hod_goodstarttime == 1.0)}}, {"H_hod_goodstarttime" : (H_hod_goodstarttime == 1.0)}}, {"H_gtr_dp" : ((H_gtr_dp > -8) & (H_gtr_dp < 8))}', {"P_gtr_dp" : ((P_gtr_dp > -10) & (P_gtr_dp < 20))}', {"P_gtr_beta" : ((abs(P_gtr_beta-1)) < 0.3)}}, {"P_hgcer_npeSum" : (P_hgcer_npeSum > 1.5)}}, {"P_aero_npeSum" : (P_aero_npeSum > 1.5)}}, {"H_cal_etottracknorm" : (H_cal_etottracknorm > 0.7)}}, {"P_cal_etottracknorm" : (P_cal_etottracknorm < 0.7)}}, {"P_cal_etottracknorm < 0.7}}']
```

coin_ep_cut_prompt_noRF

Proton

```
['{"CTime_epCoinTime_ROC1" : (CTime_epCoinTime_ROC1 > ((0)-((4.008)/2.0)-(0.25))) & (CTime_epCoinTime_ROC1 < ((0)+((4.008)/2.0)+(0.25)))}', {"P_hod_goodstarttime" : (P_hod_goodstarttime == 1.0)}}, {"H_hod_goodstarttime" : (H_hod_goodstarttime == 1.0)}}, {"H_gtr_dp" : ((H_gtr_dp > -8) & (H_gtr_dp < 8))}', {"P_gtr_dp" : ((P_gtr_dp > -10) & (P_gtr_dp < 20))}', {"P_gtr_beta" : ((abs(P_gtr_beta-1)) < 0.3)}}, {"P_hgcer_npeSum" : (P_hgcer_npeSum <= 1.5)}}, {"P_aero_npeSum" : (P_aero_npeSum <= 1.5)}}, {"H_cal_etottracknorm" : (H_cal_etottracknorm > 0.7)}}, {"P_cal_etottracknorm" : (P_cal_etottracknorm >= 0.0)}}, {"P_cal_etottracknorm >= 0.0}}']
```

extra

