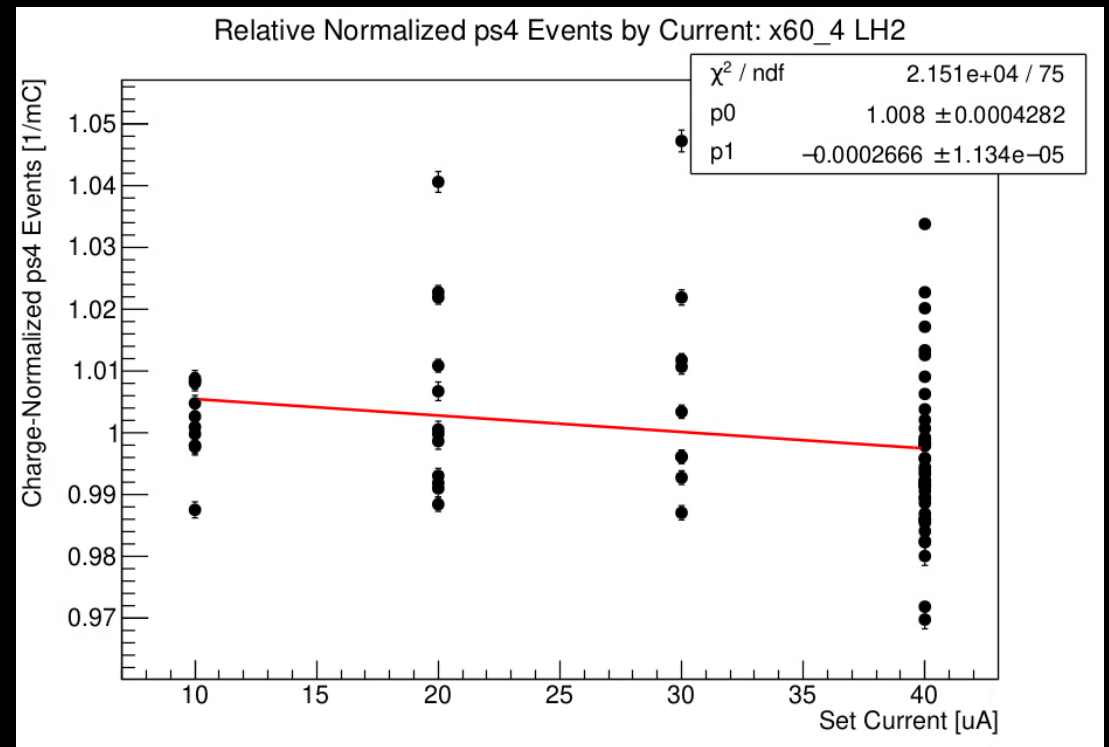
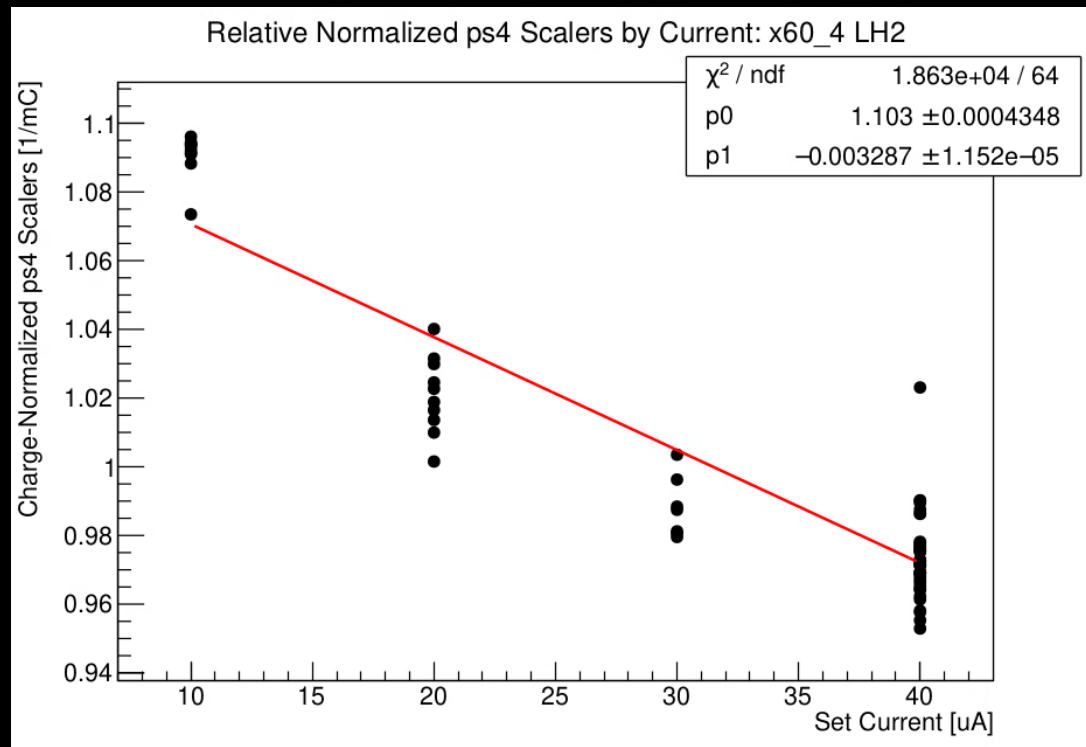


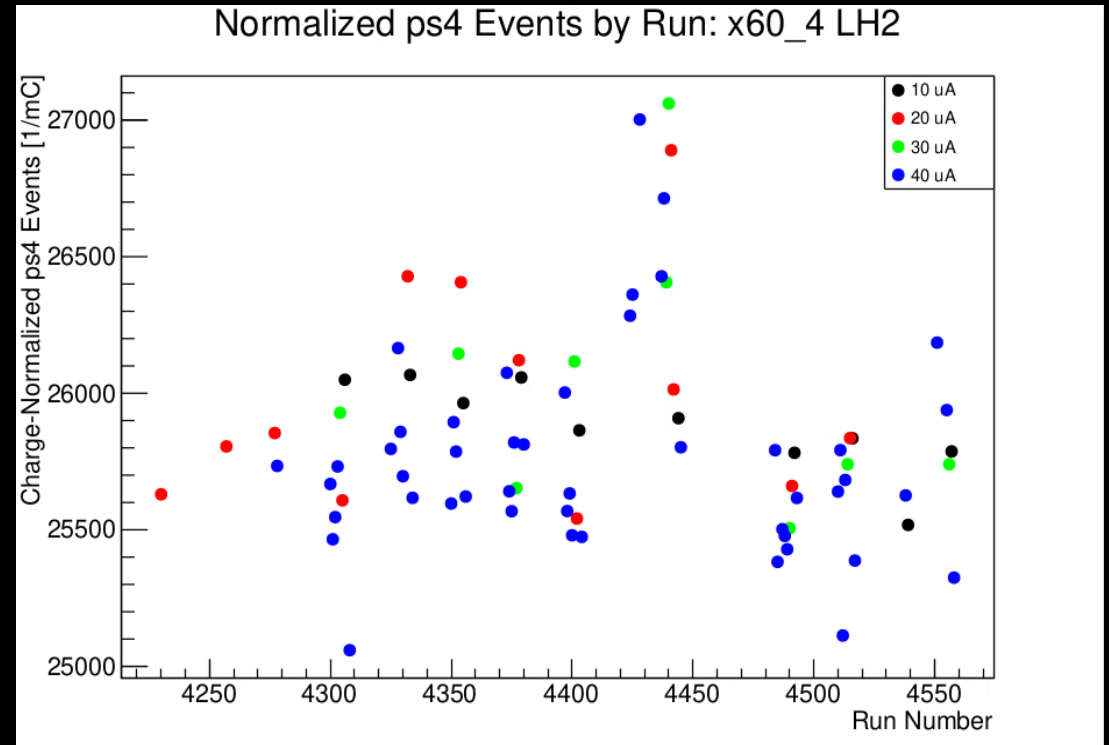
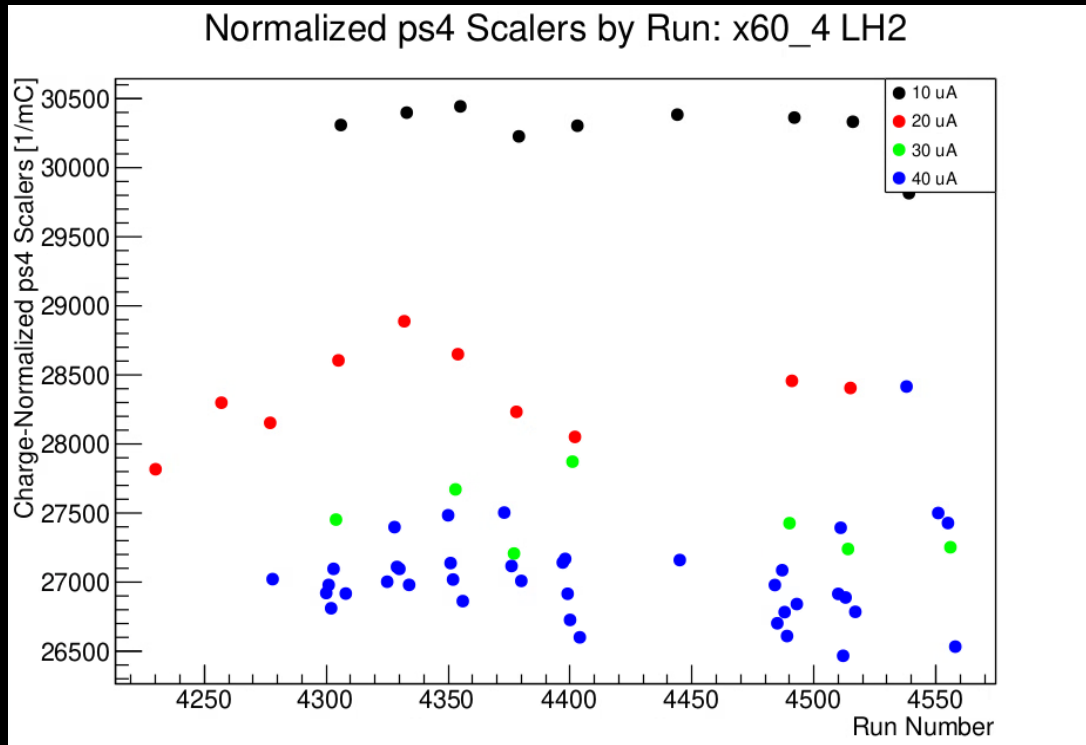
Yield Current Dependence?

- Compared yields for ps4 runs at KinC_x60_4 using scalers and events
- Scalers: End-of-run ps4 scaler counts divided by charge
- Events: Get entries from root file, remove EDTM events, apply prescale factor if needed, divide by charge
 - No physics cuts

Yield vs Current – x60_4 LH2



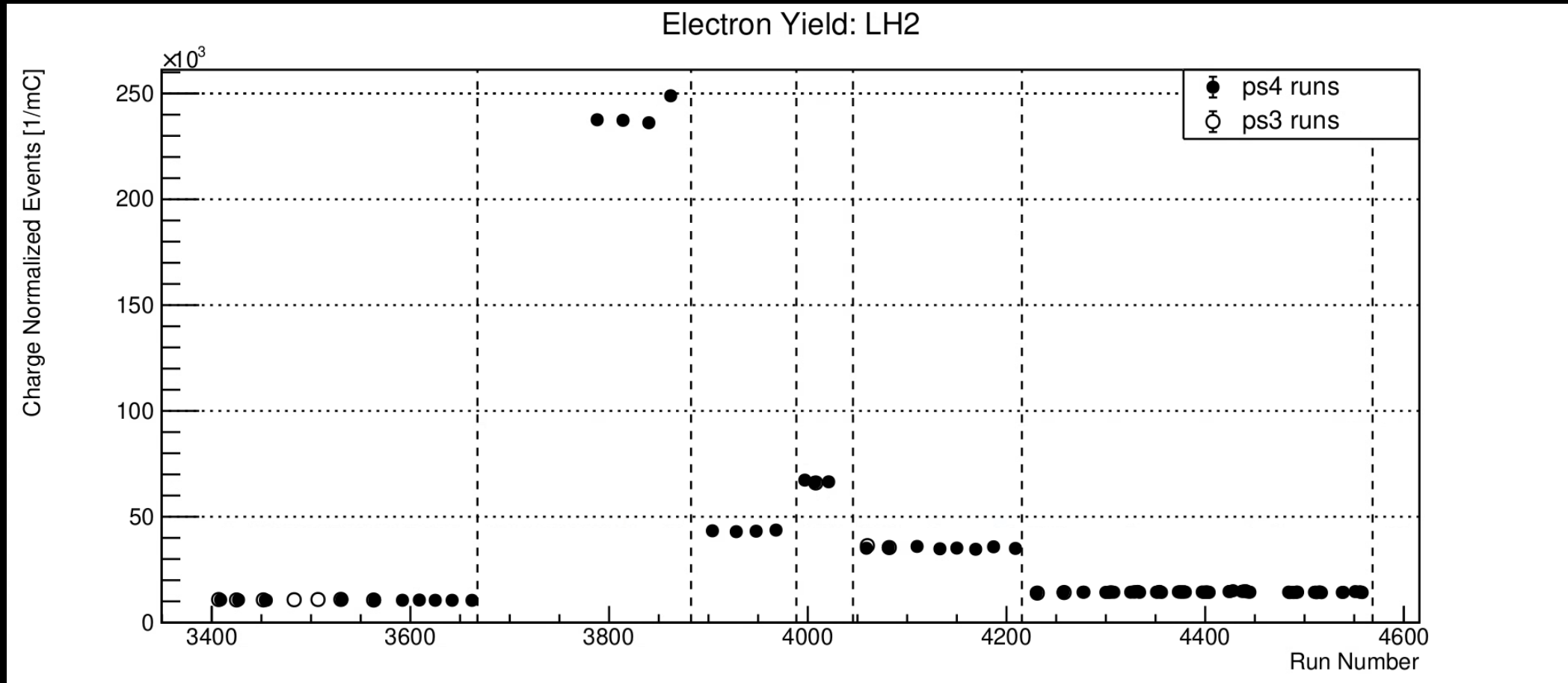
Yield vs Current – x60_4 LH2



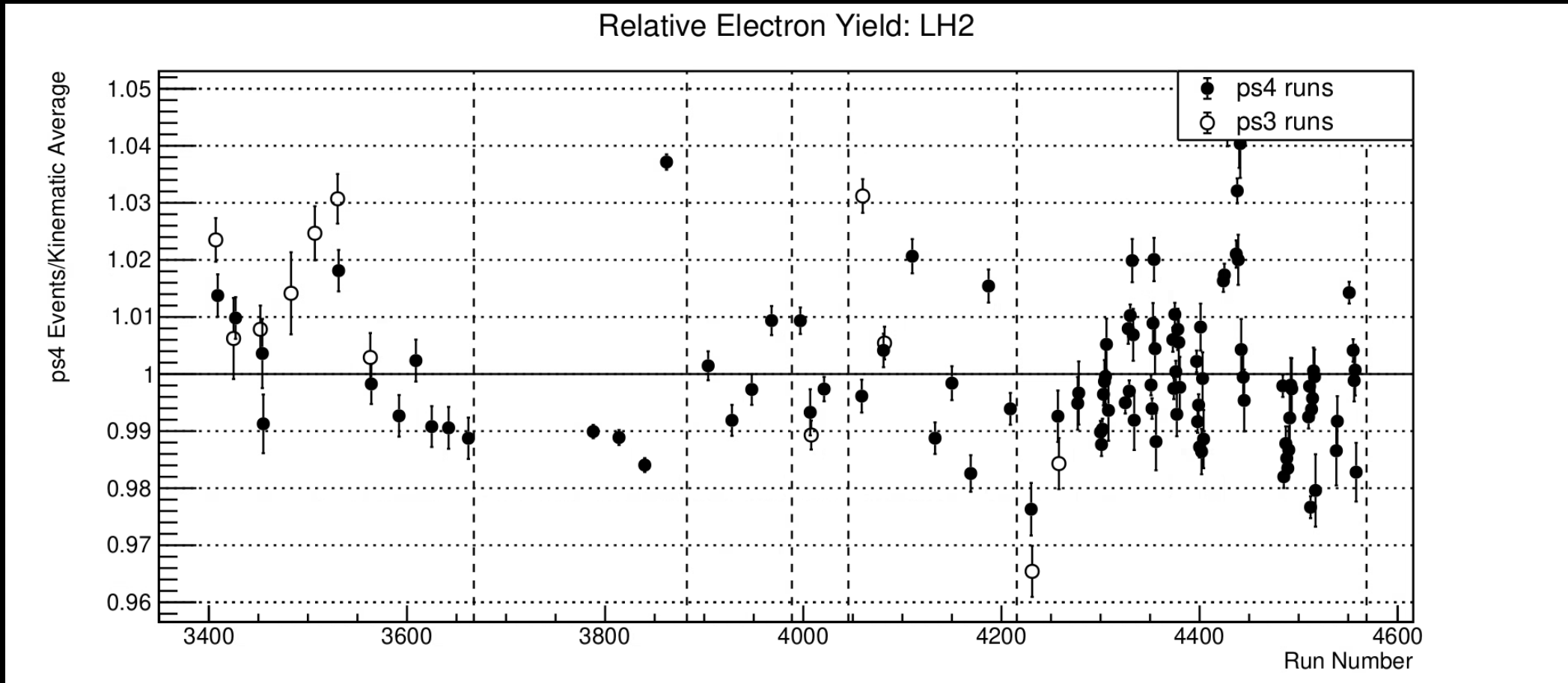
DIS Yield

- ps3 and ps4 runs since beginning of December
 - x60_2, x50_2, x50_3, x36_5, x60_3, and x60_4
- HMS Cuts:
 - Cerenkov: $npeSum > 0.7$
 - Delta between $\pm 8\%$
 - Calorimeter: $etotnorm$ and $etottracknorm > 0.6$
- Normalized by charge
- Corrections for livetime and DC tracking efficiency

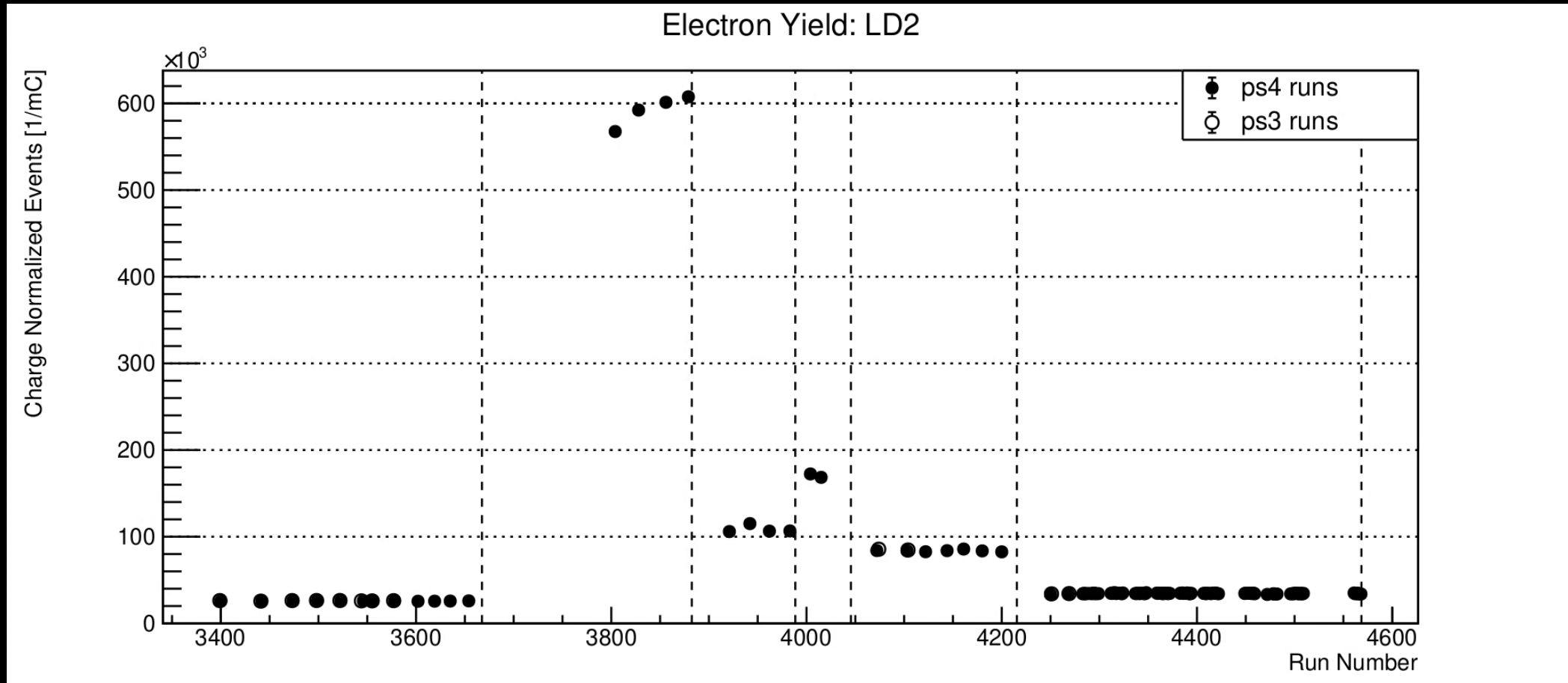
DIS Yield – LH2



DIS Yield – LH2



DIS Yield – LD2



DIS Yield – LD2

