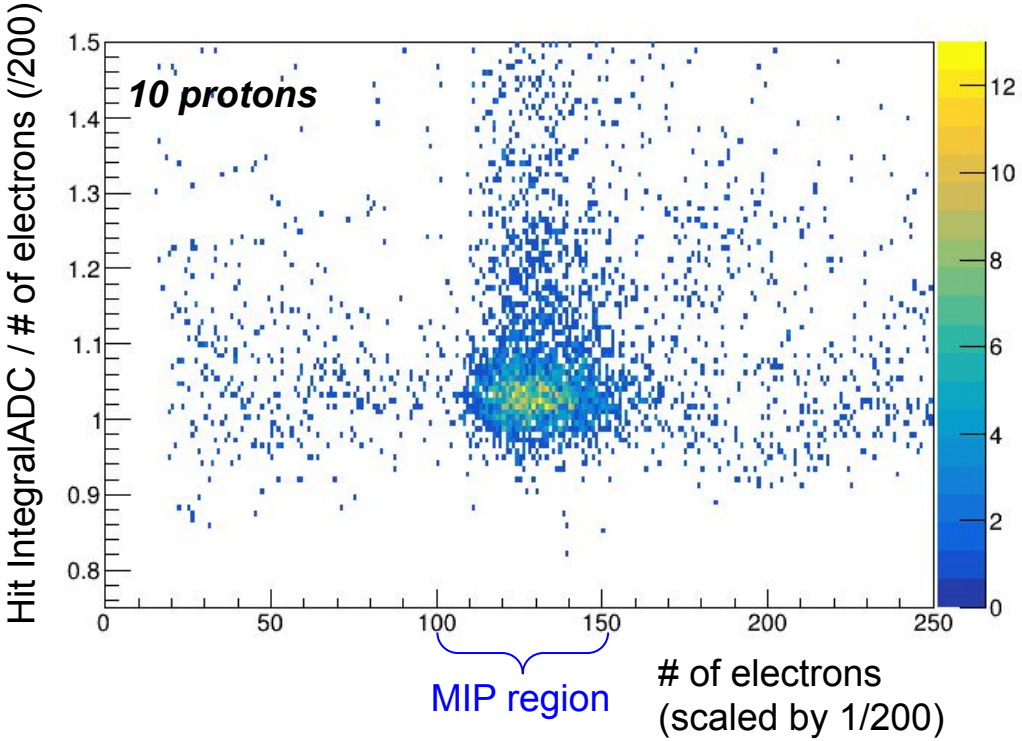
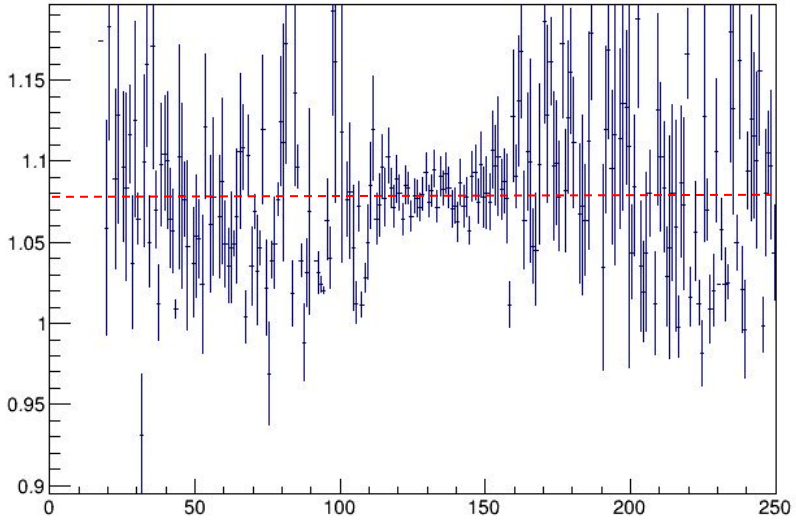
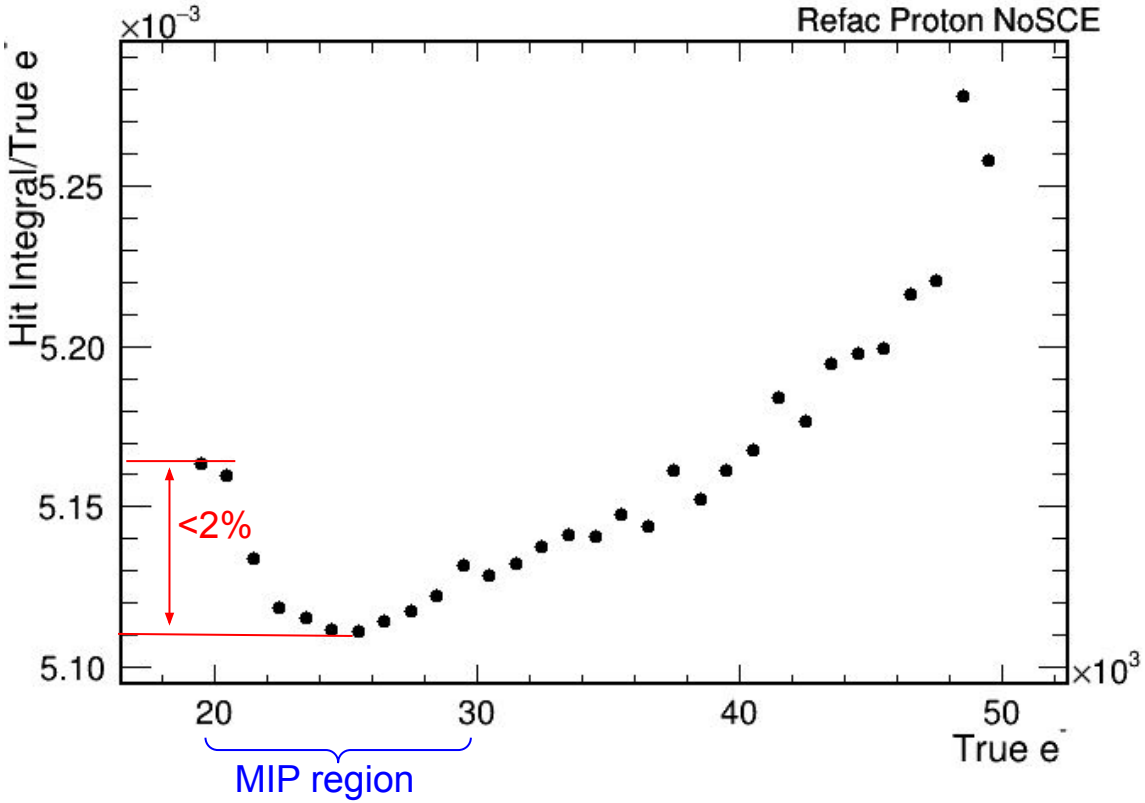
6GeV proton + 35 sec lifetime + w/o SCE



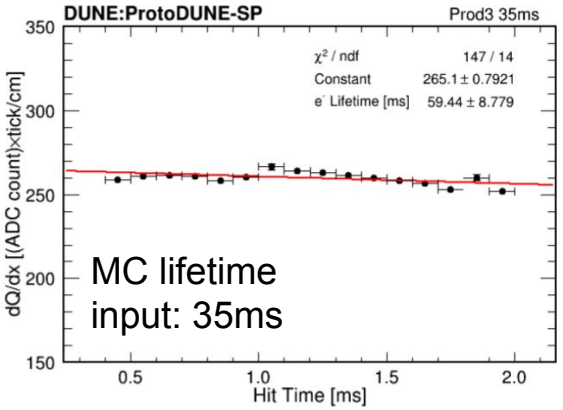


- TH2F::ProfileX(), get mean value from each slice
- Hit charge is consistent within 2%, need more statistics to touch < 2%

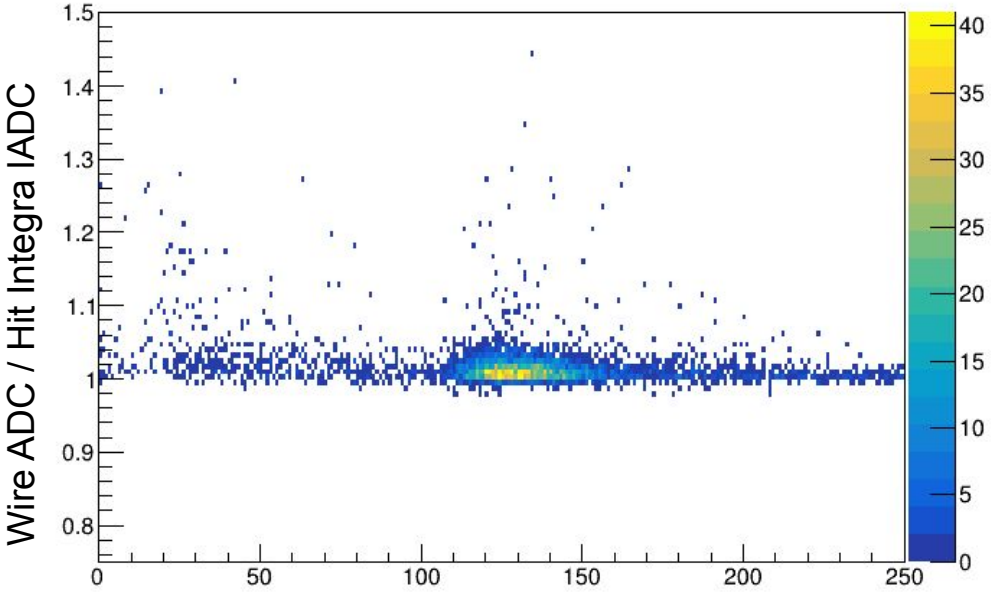
(Richie) Hit Integral ADC / # of electrons

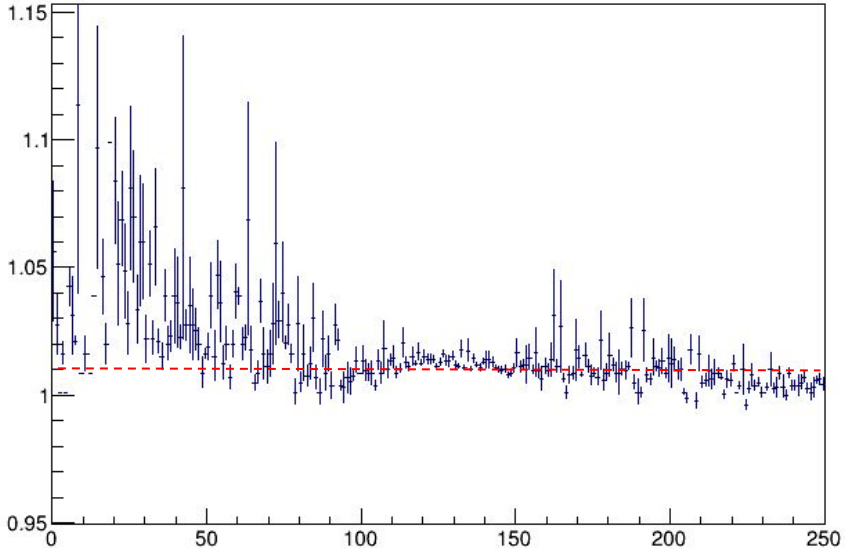


- Charge bias in the MIP region < 2%
- However, we need the sensitivity to measurement lifetime
- exp(-1.5ms/11ms) ~ 87.3%
- exp(-1.5ms/35ms) ~ 95.8%
- exp(-1.5ms/60ms) ~ 97.5%



Wire ADC vs. Hit Integral ADC





"Wire ADC"
= integral of ADC from recob::Wire
with +/- 5RMS around the hit peak

- Hit Integral ADC looks consistent with ADC from recob::Wire