



Update Light Readout SingleCube

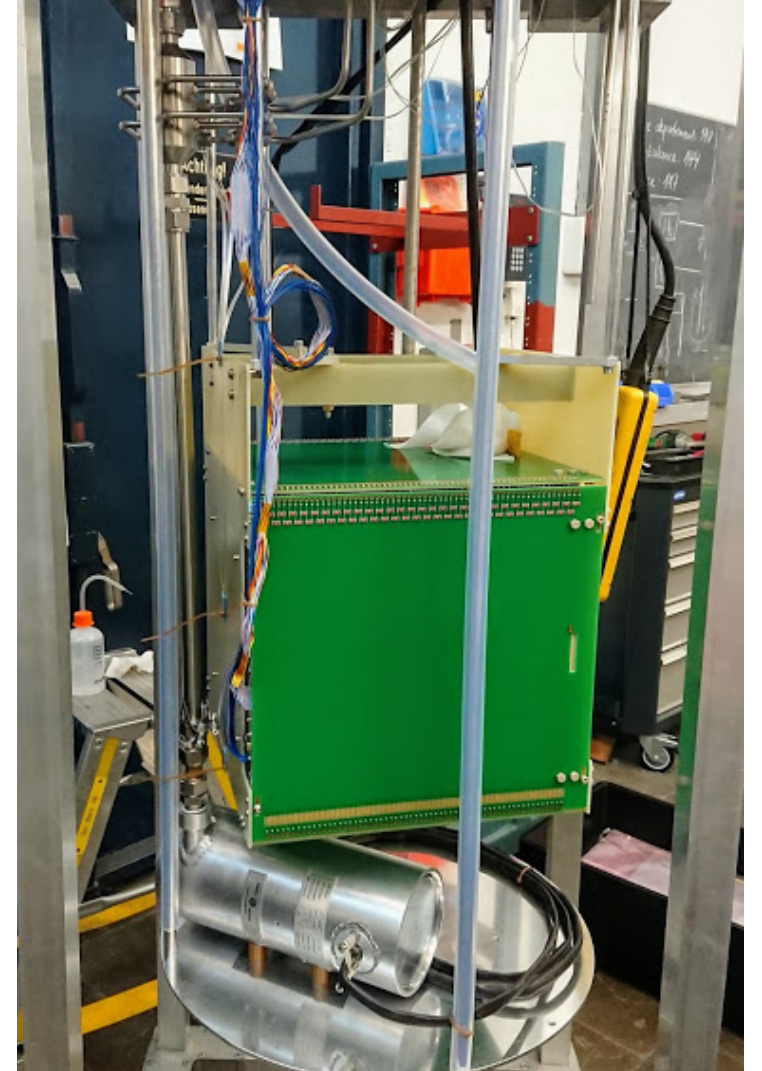
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on behalf of the ArgonCube light readout group

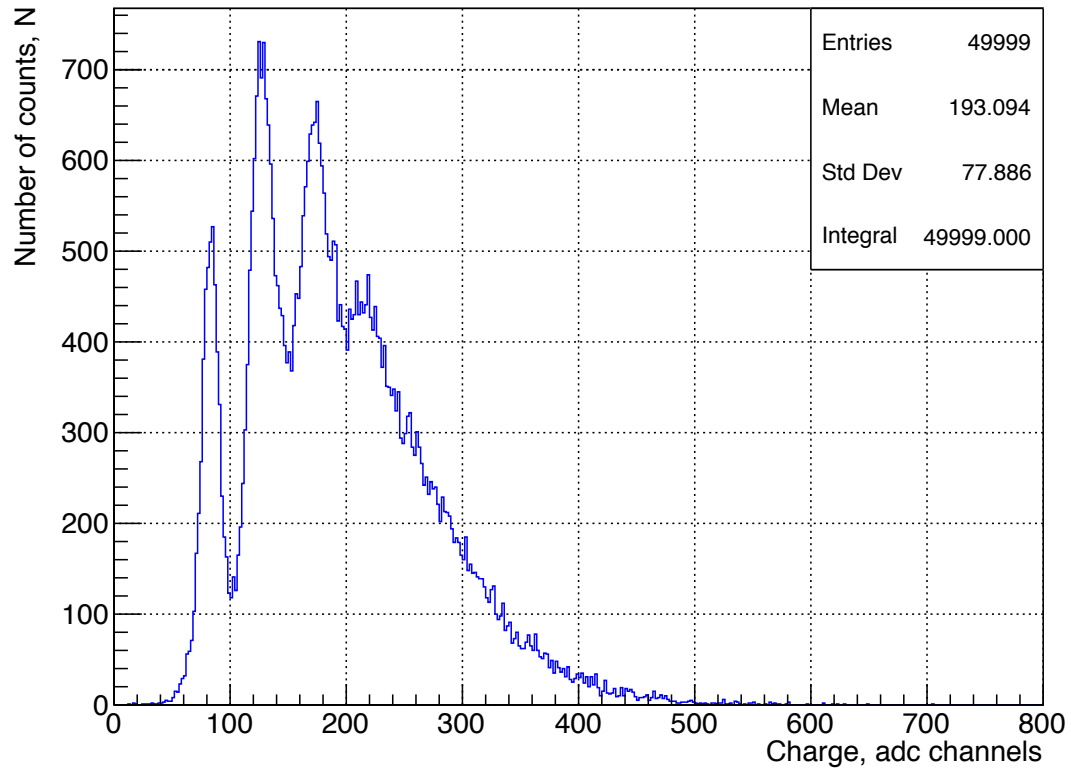
October 29th, 2020

Setup

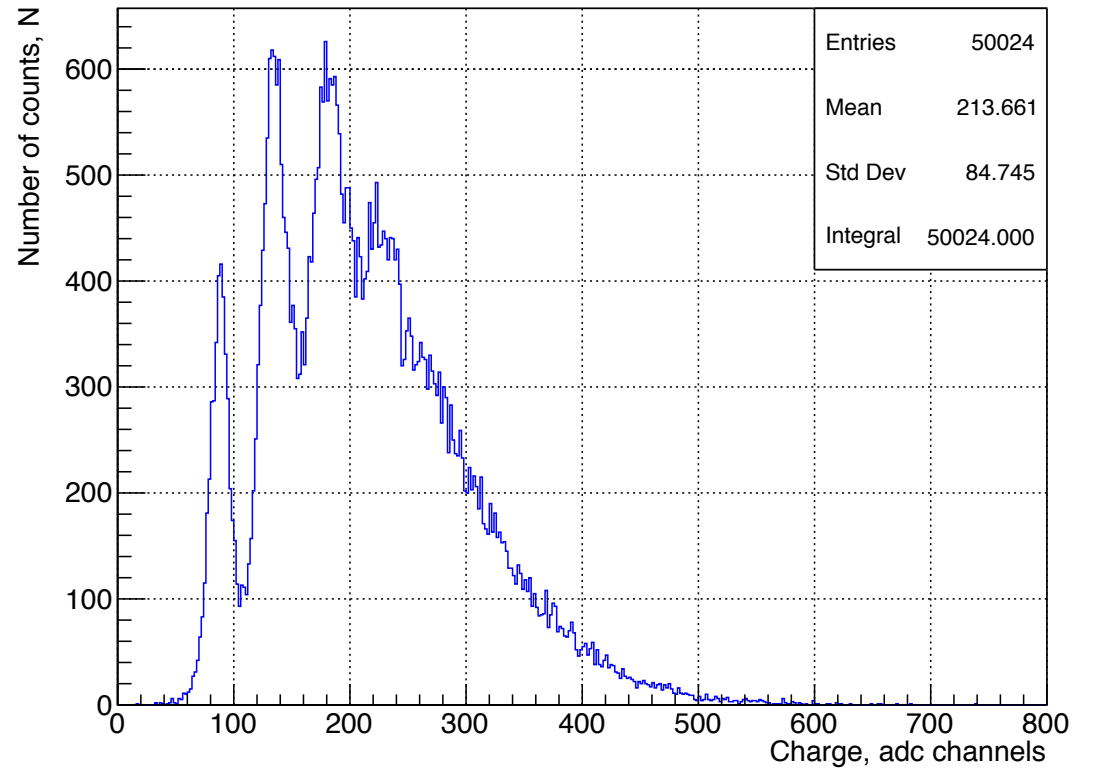


LED calibration

Spectrum [a7b54bd CH02]

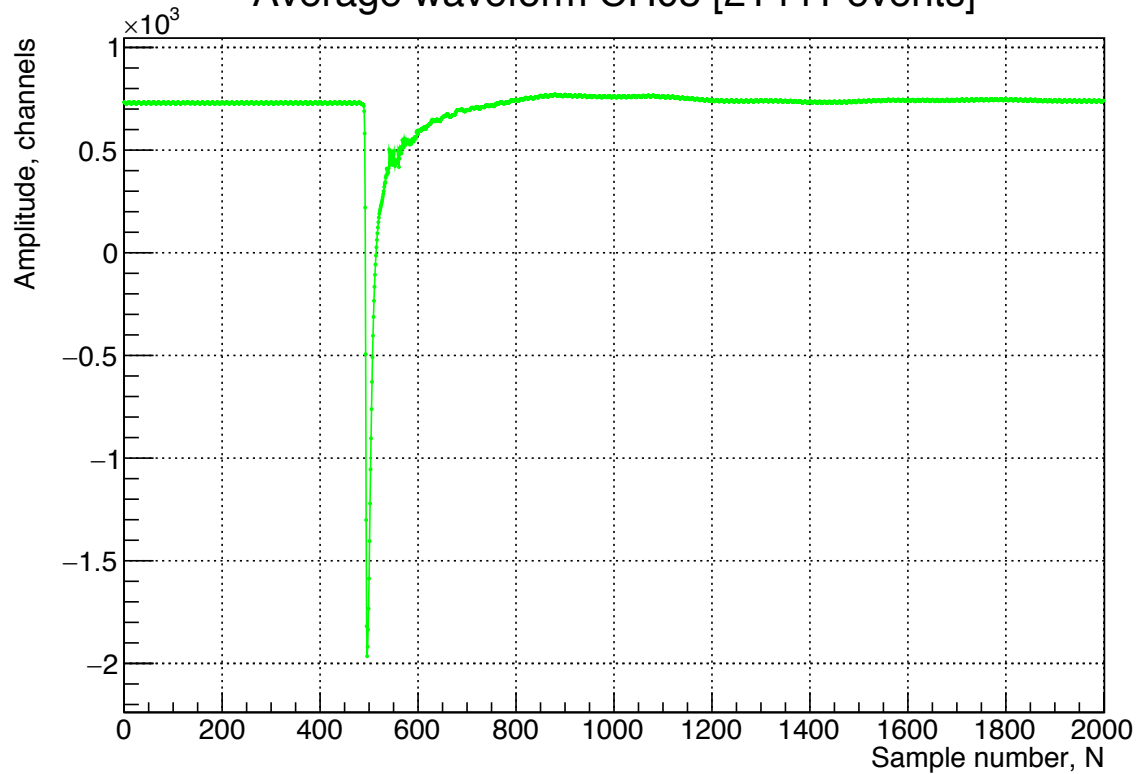


Spectrum [a7b54bd CH07]

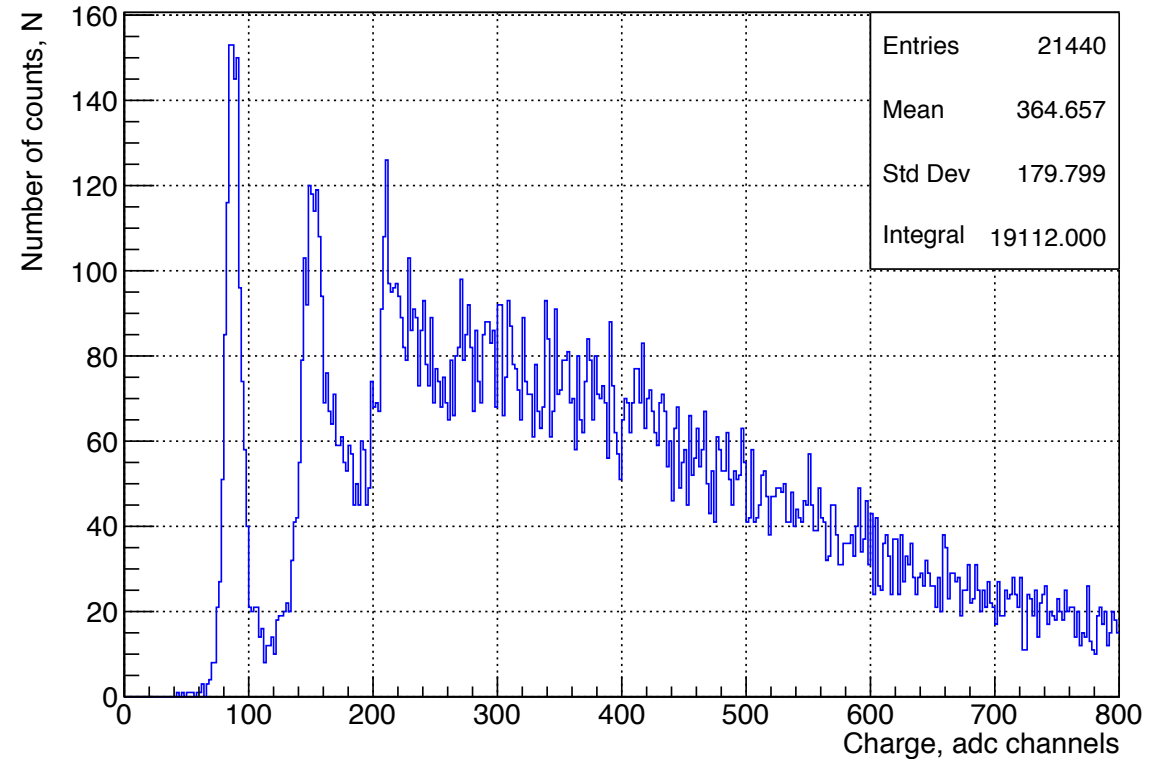


Cosmic data

Average waveform CH05 [21441 events]

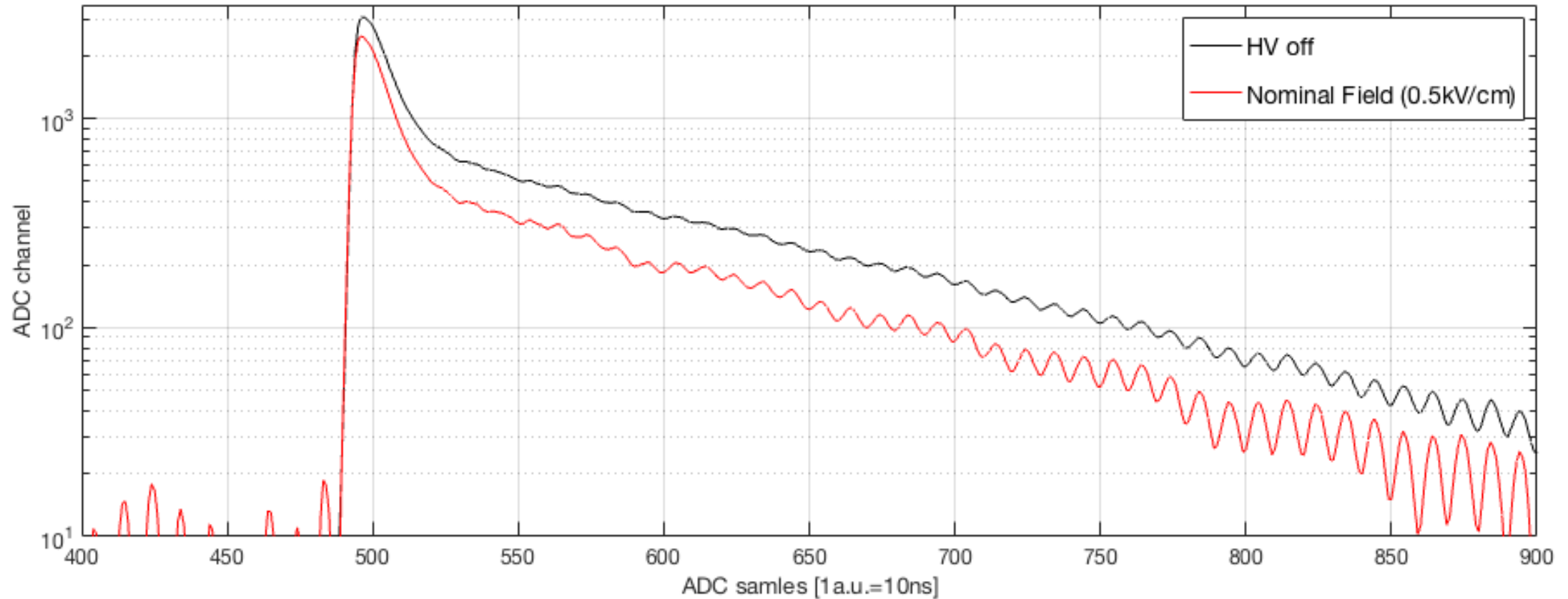


Spectrum [a7b54bd CH05]



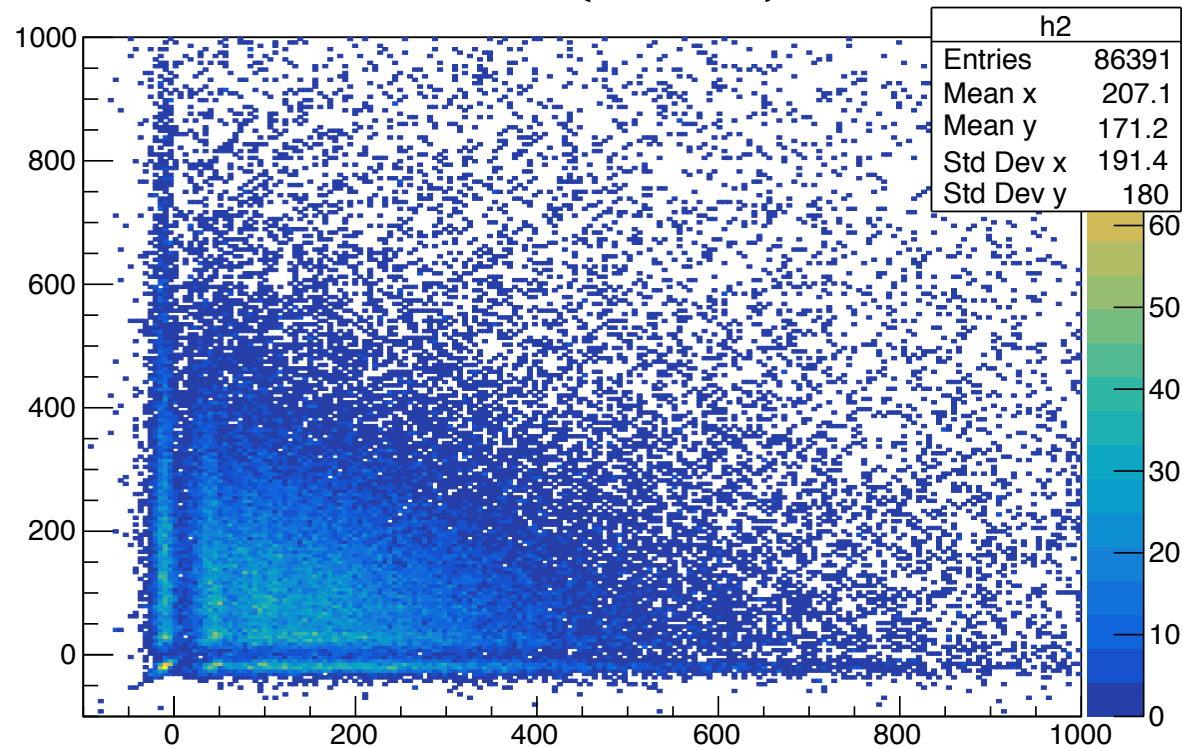
Impact of HV

- Light yield decrease due to HV:
 - ~18% in fast component
 - ~40% in slow component



Spatial resolution

ch02:ch07 {ch08>500}



ch07:ch06 {ch08>500}

