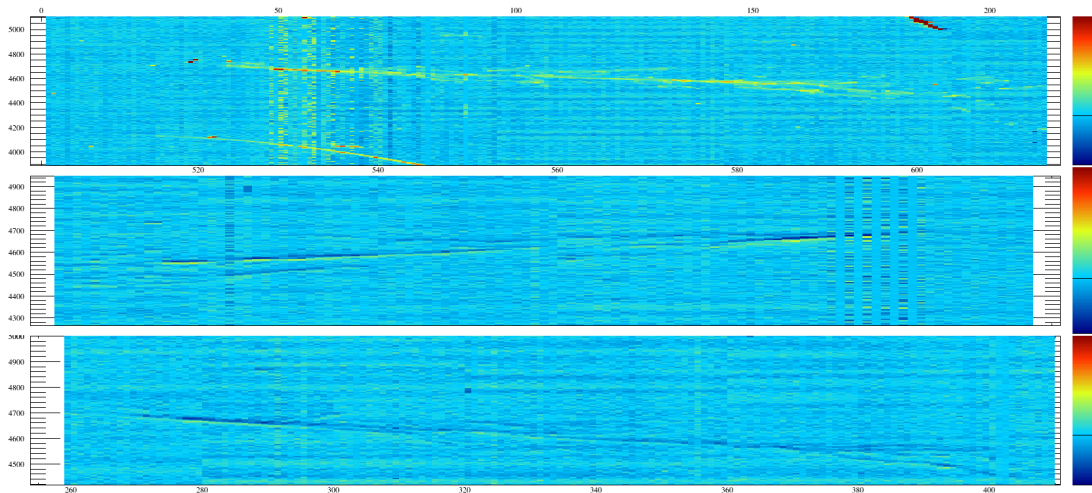


Status

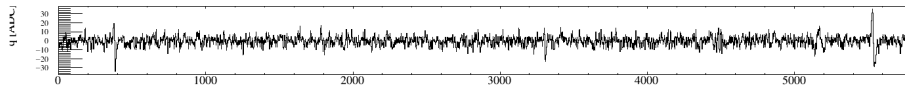
ProtoDUNE-SP DAP Meeting
October 4th, 2018

First beam event seen by the TPC!

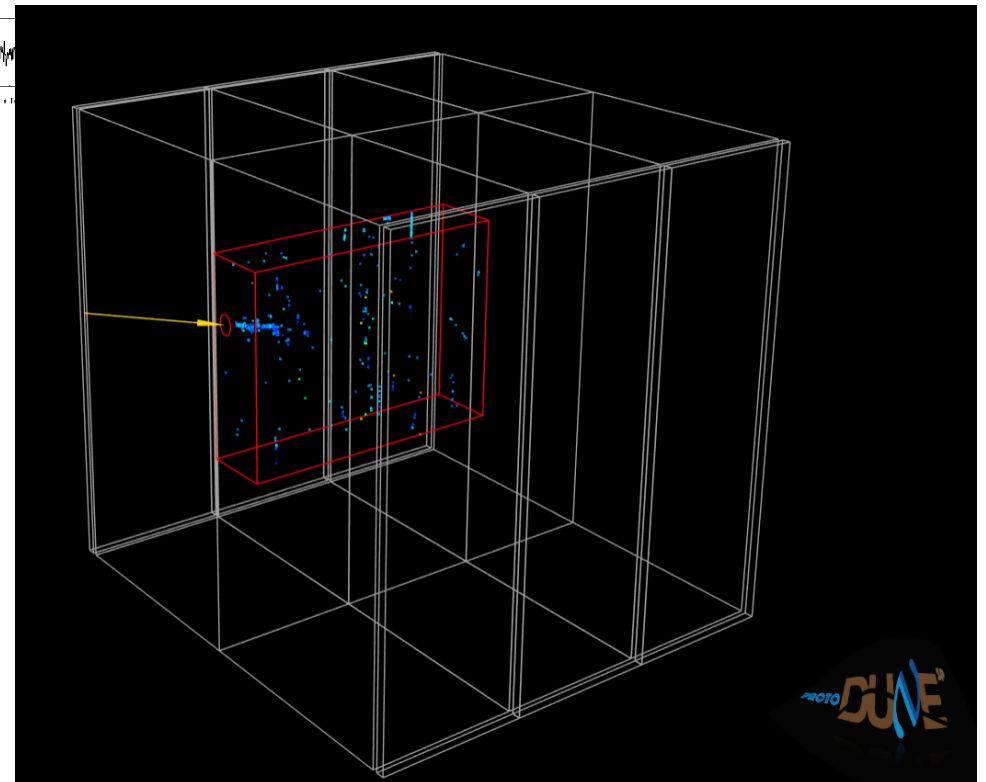


- Tuesday afternoon during last hours of beam
- 1 GeV electron
- Faint due to purity level

LArSoft
Run: 48751
Event: 3320
UTC Tue Oct 2, 2018
11:09:25.064213446

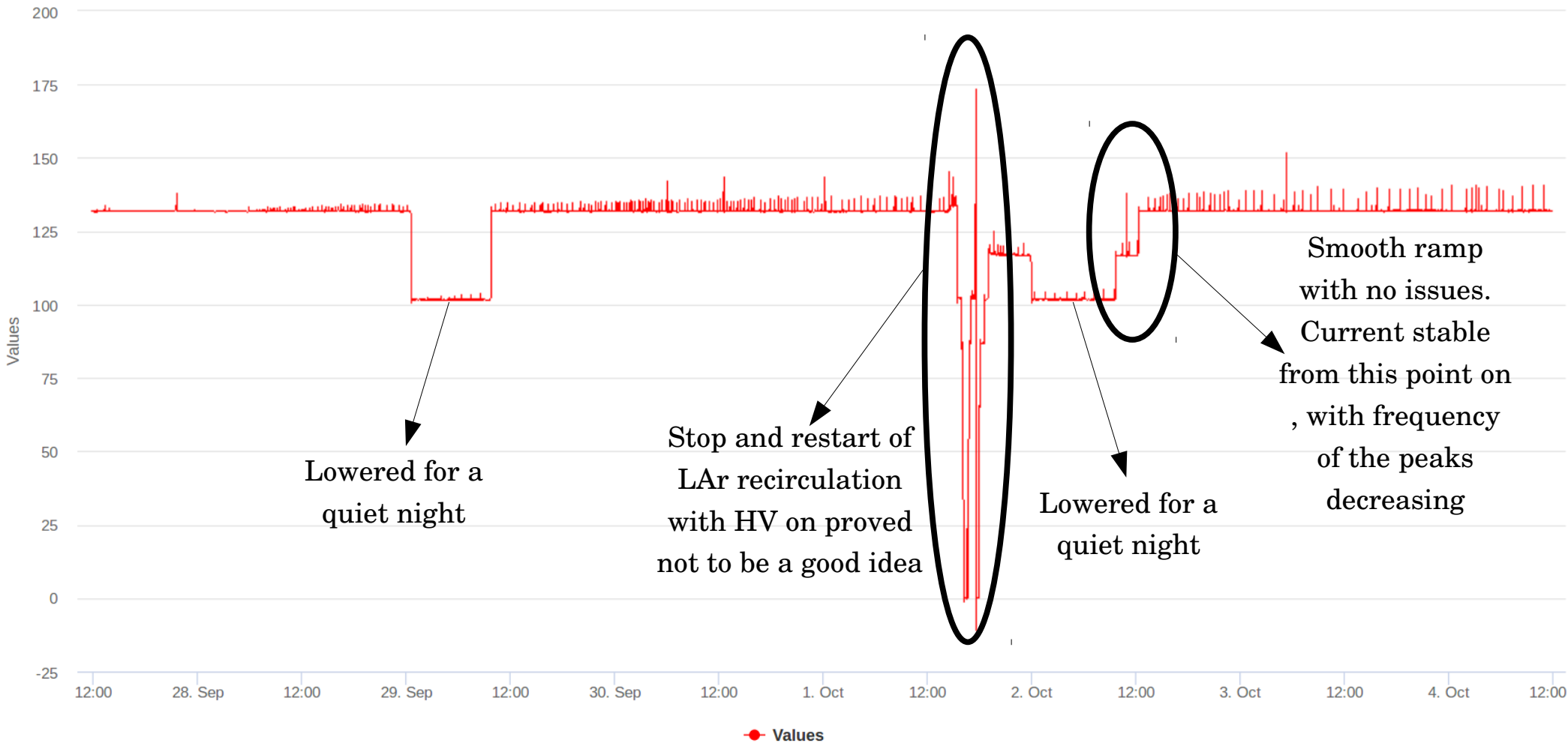


- Thanks to Peter for spotting it!
- Many other seen offline that day



04/10/2018

Current spikes



- Started last Friday. Slowly increasing in amplitude and now reducing in frequency
- Still investigating the cause. Best hypothesis is something charging up and periodically discharging
- Does not prevent us from taking data (i.e., see previous slide)

04/10/2018

Other

- Started to see noise on collection planes only for all APAs. Only the collection plane faces the drift volume sees that. Under investigation
- This evening the whole detector will be kept off to monitor baseline LAr consumption
- Between today and tomorrow, HV will be off to perform upgrades of the DCS, HV line, cable routing, noise studies, etc. We will ramp HV back up for the weekend
- Started discussing with data reconstruction and physics group on a run plan for the last two beam periods we will have