

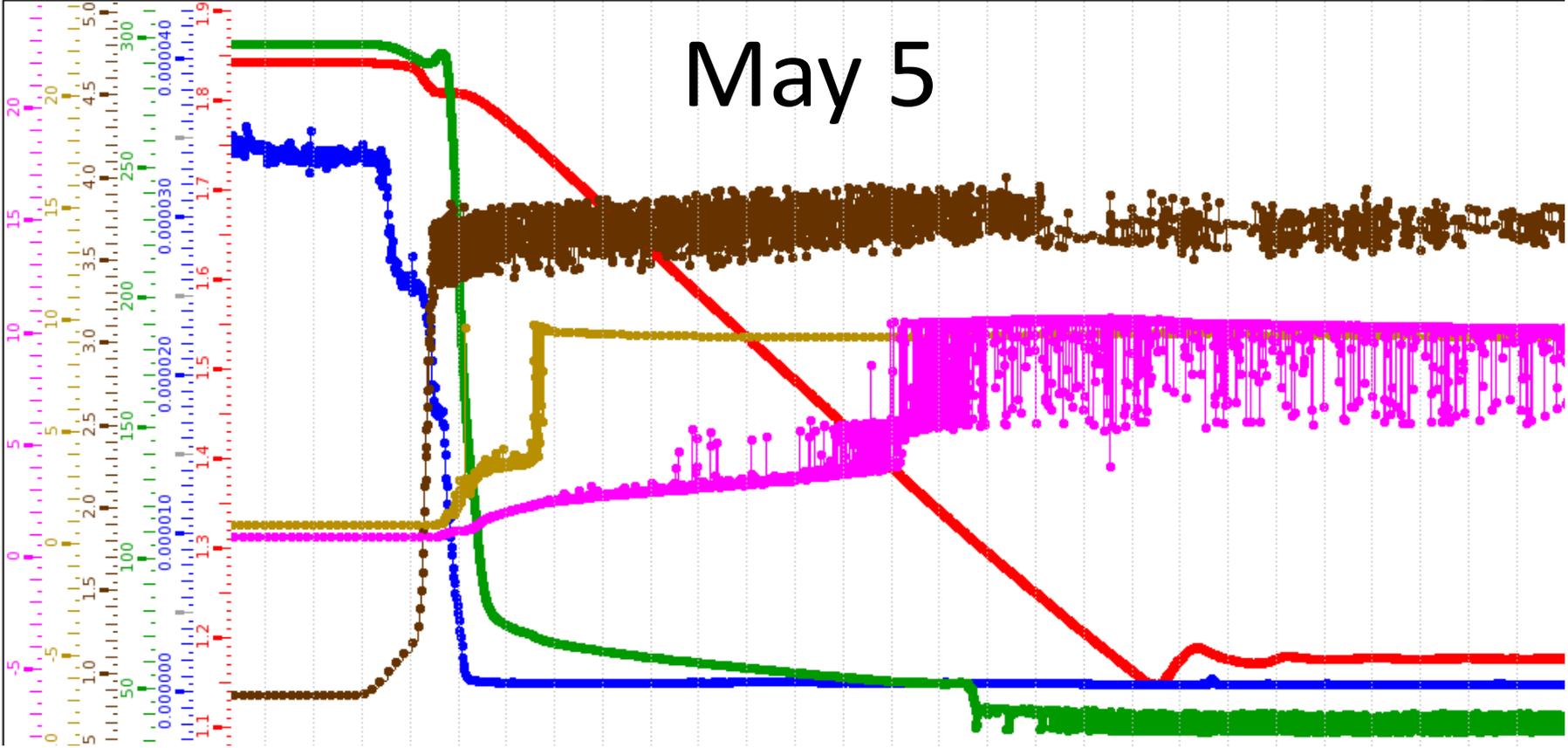
LH2 target status

Norihiro DOSHITA

Summary of LH2 target in the last TB

- Working well with a good of isolation vacuum
 - below $5 \cdot 10^{-7}$ mbar
 - diode sensors useful
- No fast empty mode
 - avoid any shocks
 - Ecal calibrations done without any movements

May 5



Blue : Isolation vacuum

Red H2 gas pressure

Green : Return pressure

Dark brown : reservoir bottom diode

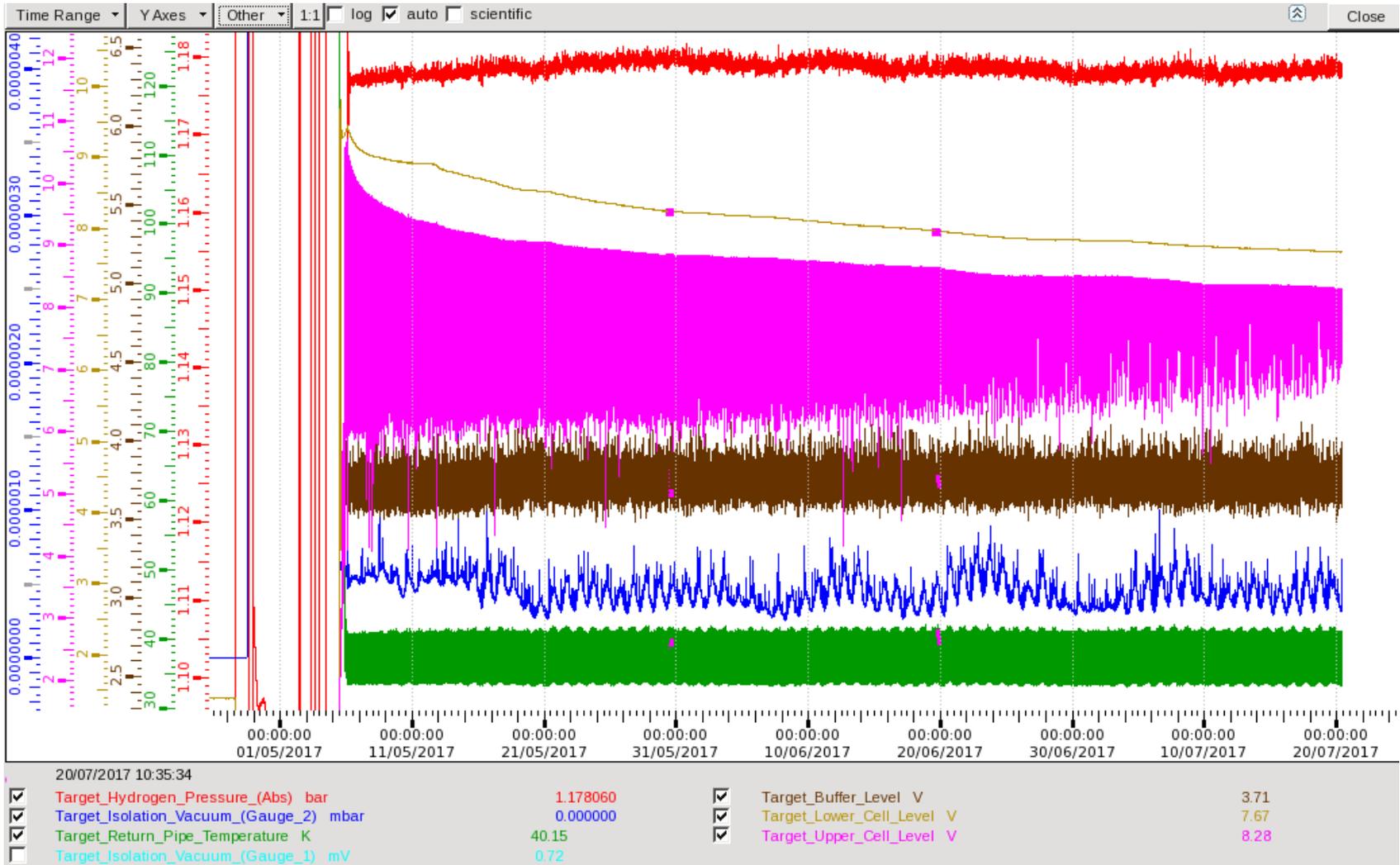
Light brown : target cell bottom diode

Pink : target cell top diode



ffer_Level V	3.71
wer_Cell_Level V	9.14
per_Cell_Level V	9.97

Long term behavior

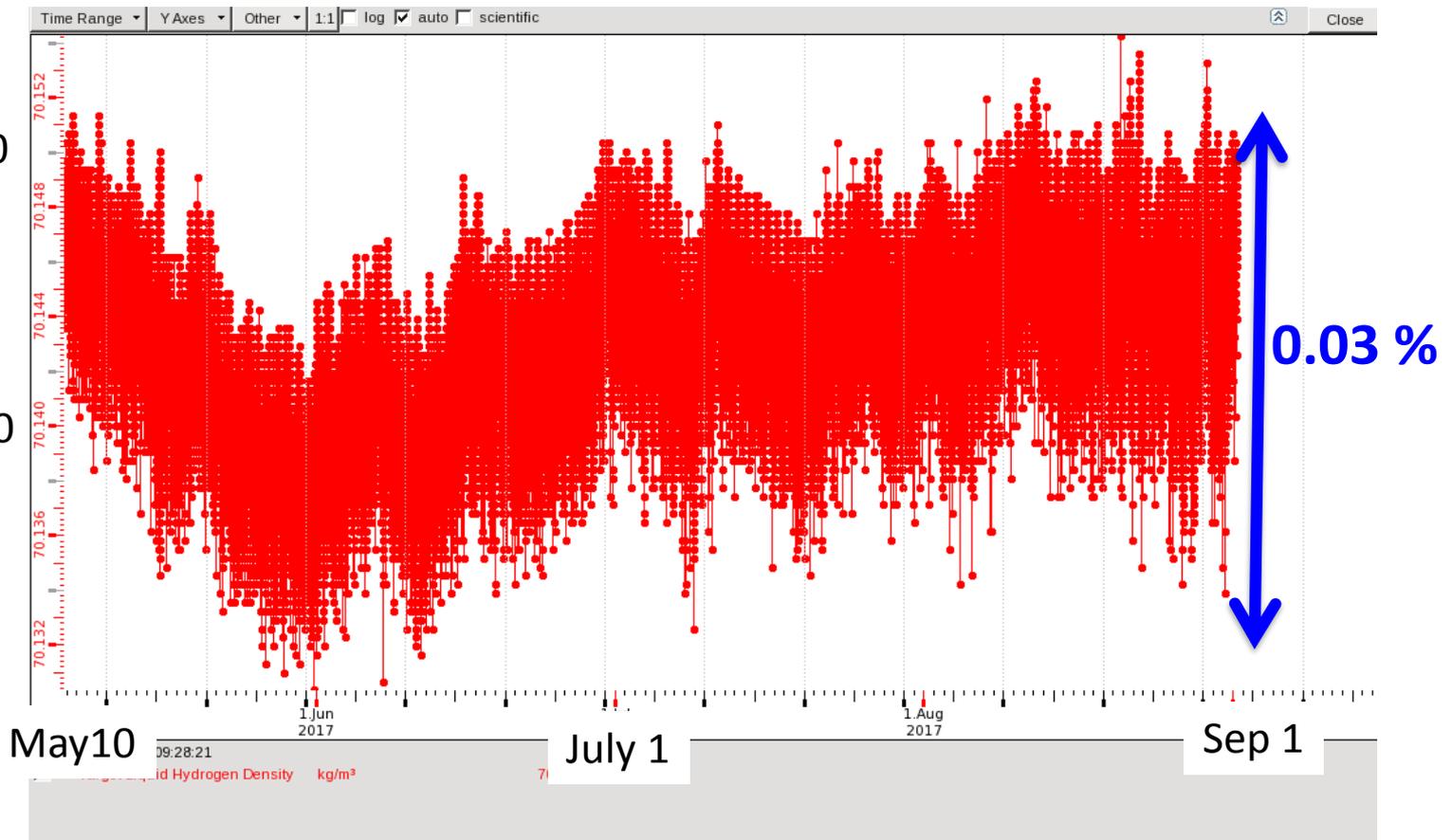


- Contacted to Jean-Marc Quetsch
- Electrical circuit diagram needed
 - The present system cannot be stopped.
- Christian Berthelier on vacation
- I will call to Christian in this week.

Stability of the system

- density of LH2 since May-

[kg/m³]



Time estimation of LH2 target dismount

- 23/10 8:00 Monday beam stop
- Warming up target : 10 hours
- Removal of H₂ gas : ~3 hours
- Filling of He gas : 1 hour
- Movement of CAMERA (in the evening ?)
- Disconnection of cables and pipes : 1 hour
 - Probably Tuesday morning
 - done by TE-CRG (confirmation needed)

Warming up in 2016

