



# TRD weekly meeting

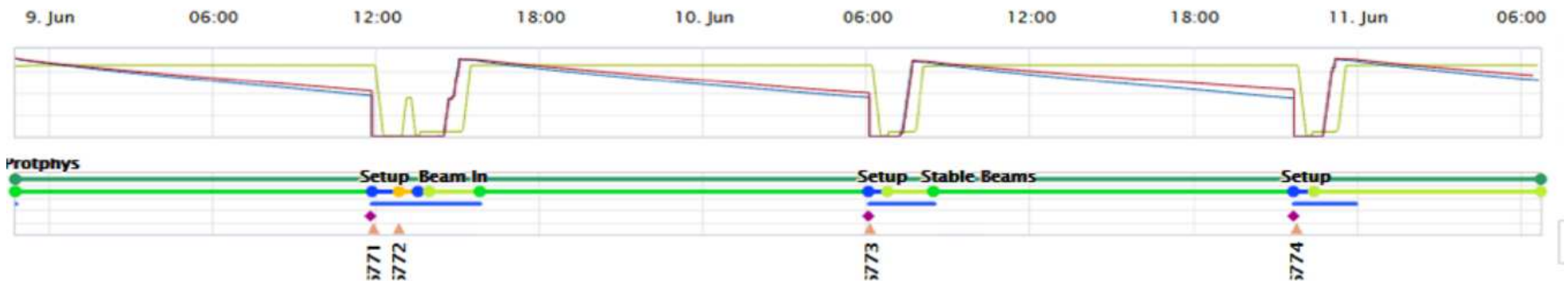
## week 23: 4 – 11 June 2018

- fill summary
- run 2 and run 3 equivalent tests
- to do

**Alexander Borissov, Münster University, CERN, 11.06.2018**

# Fill summary

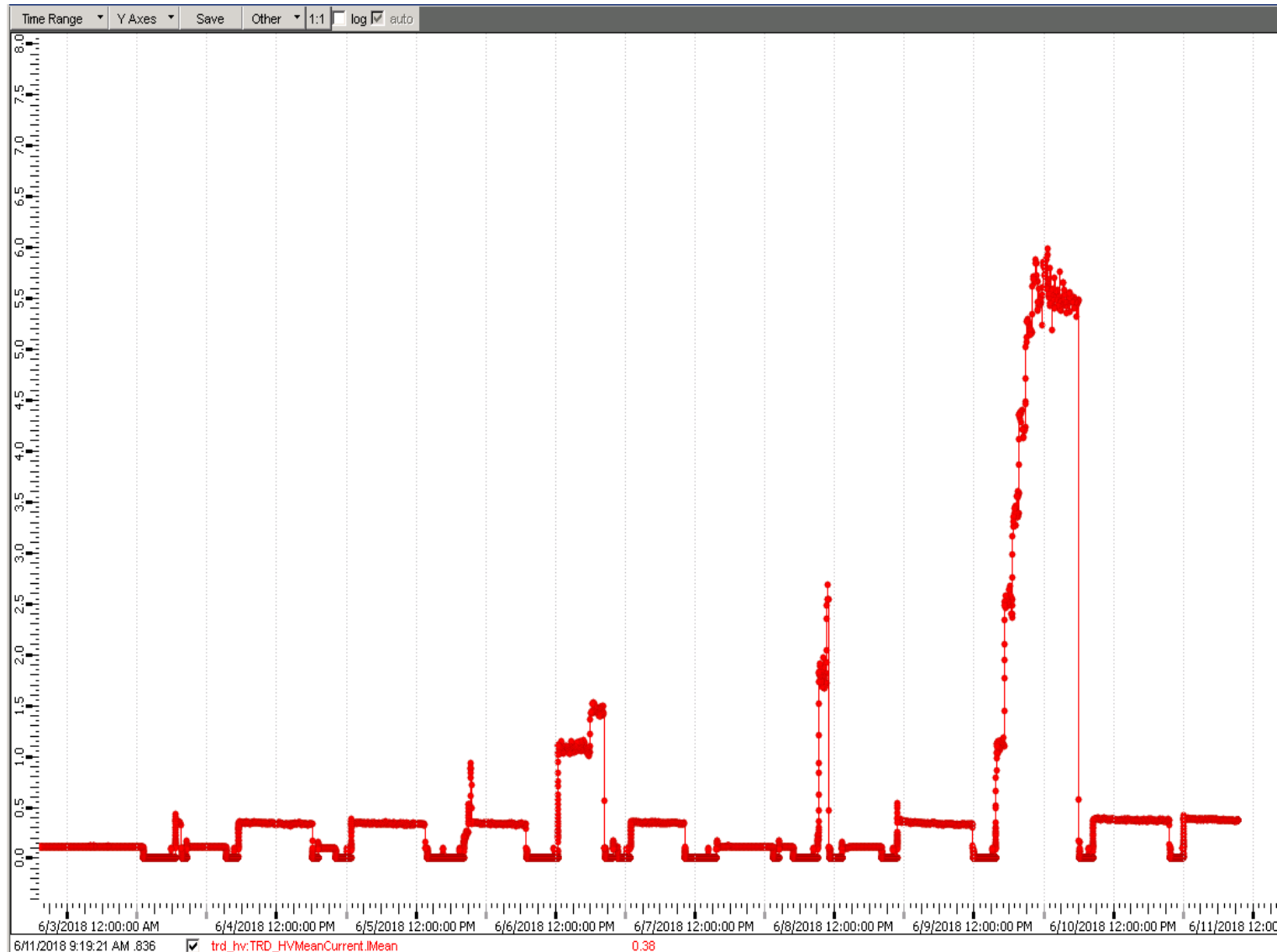
Fill Number ▼	Stable Beams Declared	Filling Scheme Name	Stable Beams Start	Stable Beams End	Stable Beams Duration	Data Taking Duration	Pause Duration	SOR/EOR Duration	Efficiency (%)
6774	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	10/06/2018 23:55:44		00:00:00	05:00:14	00:02:04	00:04:46	
6773	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	10/06/2018 08:26:58	10/06/2018 21:39:22	13:12:24	12:26:00	00:03:23	00:22:15	94.14
6772	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	09/06/2018 15:46:43	10/06/2018 06:04:14	14:17:31	11:03:35	00:19:41	01:21:16	77.38
6770	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV3	08/06/2018 22:44:16	09/06/2018 11:48:41	13:04:25	12:46:11	00:06:55	00:05:25	97.68
6768	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	08/06/2018 09:06:44	08/06/2018 11:01:38	01:54:54	01:30:30	00:00:49	00:25:01	78.76
6763	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	07/06/2018 00:51:04	07/06/2018 10:14:41	09:23:37	09:01:48	00:03:03	00:09:41	96.13
6762	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	06/06/2018 12:23:20	06/06/2018 20:18:40	07:55:20	06:16:51	00:20:54	00:49:14	79.28
6761	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	05/06/2018 20:12:51	06/06/2018 06:57:05	10:44:14	09:43:24	00:09:18	00:31:43	90.56
6759	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	05/06/2018 00:47:36	05/06/2018 13:33:18	12:45:42	11:35:52	00:10:53	00:25:15	90.88
6757	Yes	25ns_2556b_2544_2215_2332_144bpi_20injV2	04/06/2018 05:20:59	04/06/2018 18:09:10	12:48:11	12:23:44	00:03:22	00:16:04	96.82



*97.8% availability since Friday night at 23h!*

Run 2 tests on 7/06/18, run 3 tests on 9/06/18.

## Run 2 and run 3 equivalent tests. TRD HV mean current:

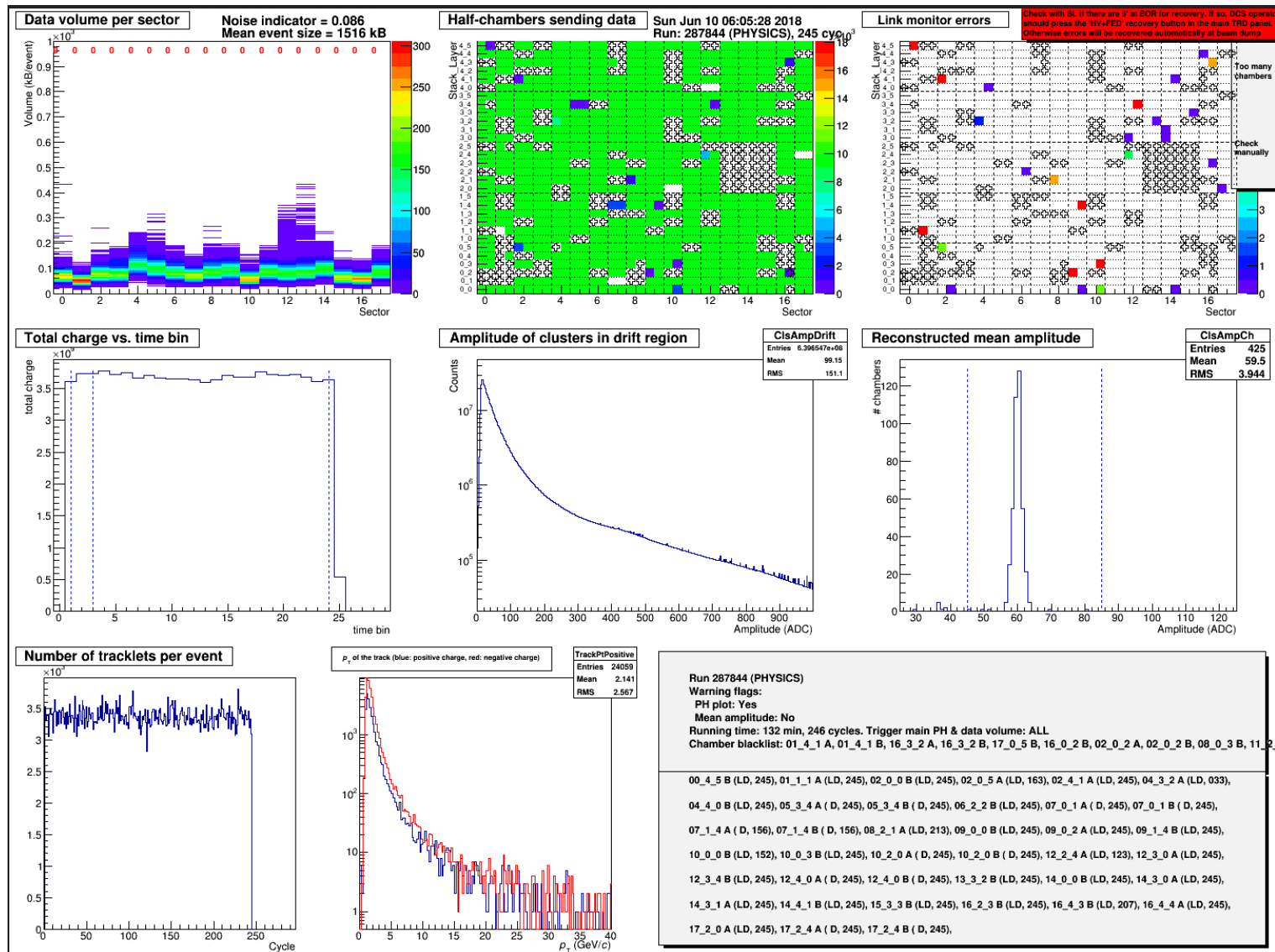


⇒ Run 2 with 11, 15 Hz/ub: fully OK.

⇒ Run 3 with 30 – 70 Hz/ub: TRD at 70 Hz/ub during ~ 7 hours.

HV OK and was tuned, talk is planned. LMEs were observed, FEDs ERROR state

# Run 287844, 10/06/2018



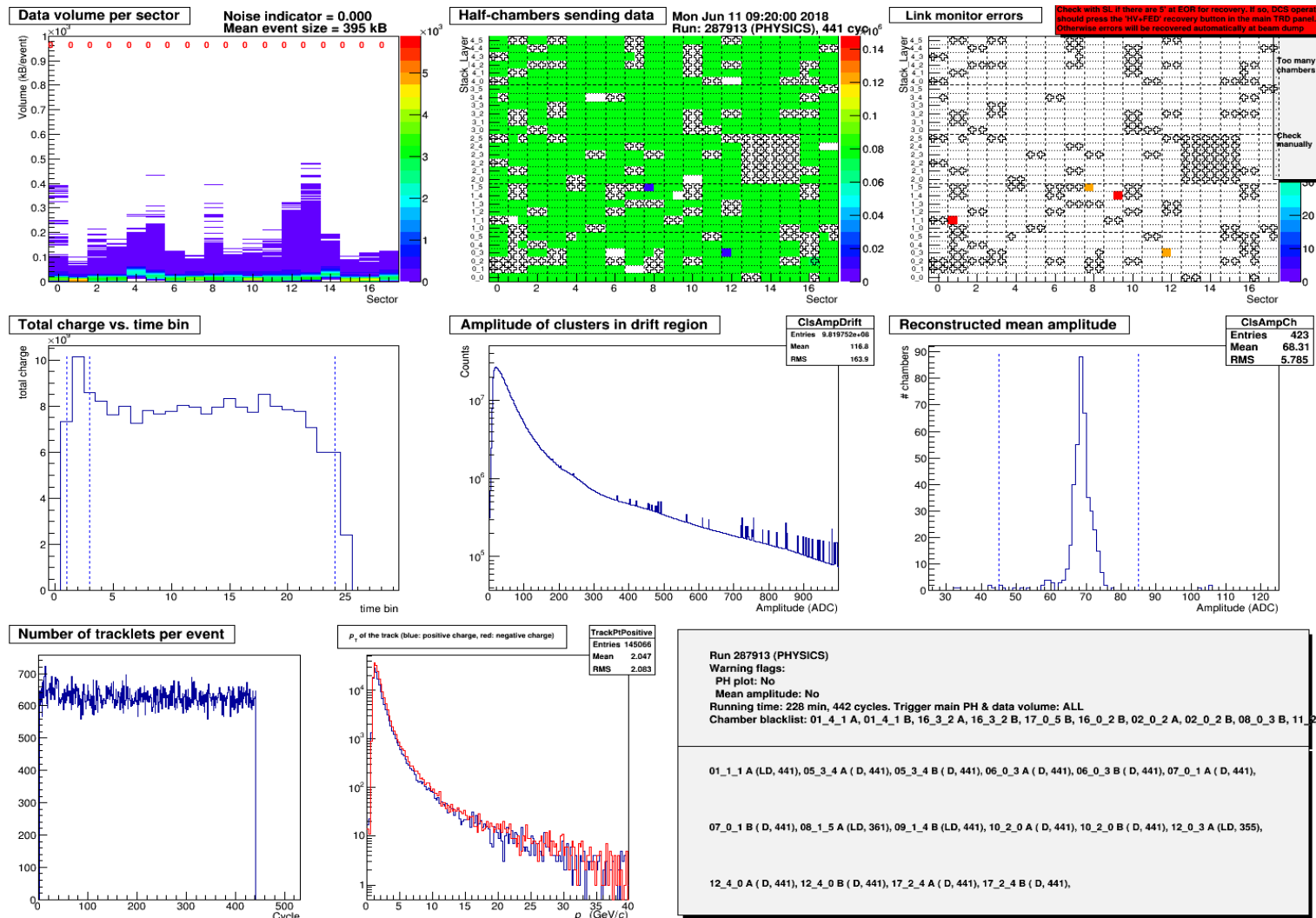
Many new LMEs.

Excluded chambers in ERROR state: 10-2-0, 12-4-0, 17-2-4, 5-0-4 and 5-3-4.

Several other chambers have been recovered between the runs.

# Run 287913 11/06/2018

10/06-11/06 between the fills: GTU DCS boards 08 17 were not responding, Guido 11/06/2018  
 ⇒ Switched on the the Corresponding power with the gtu-monitor in P2 was s witched on.



⇒ Much less LMEs

## To do during MD and TS2

- recover excluded chambers
- perform nginject tests for chambers with LMEs and patching
- access, if needed.