BLM signals during MB.C27R6 quench (09/05/2016)

A. Lechner

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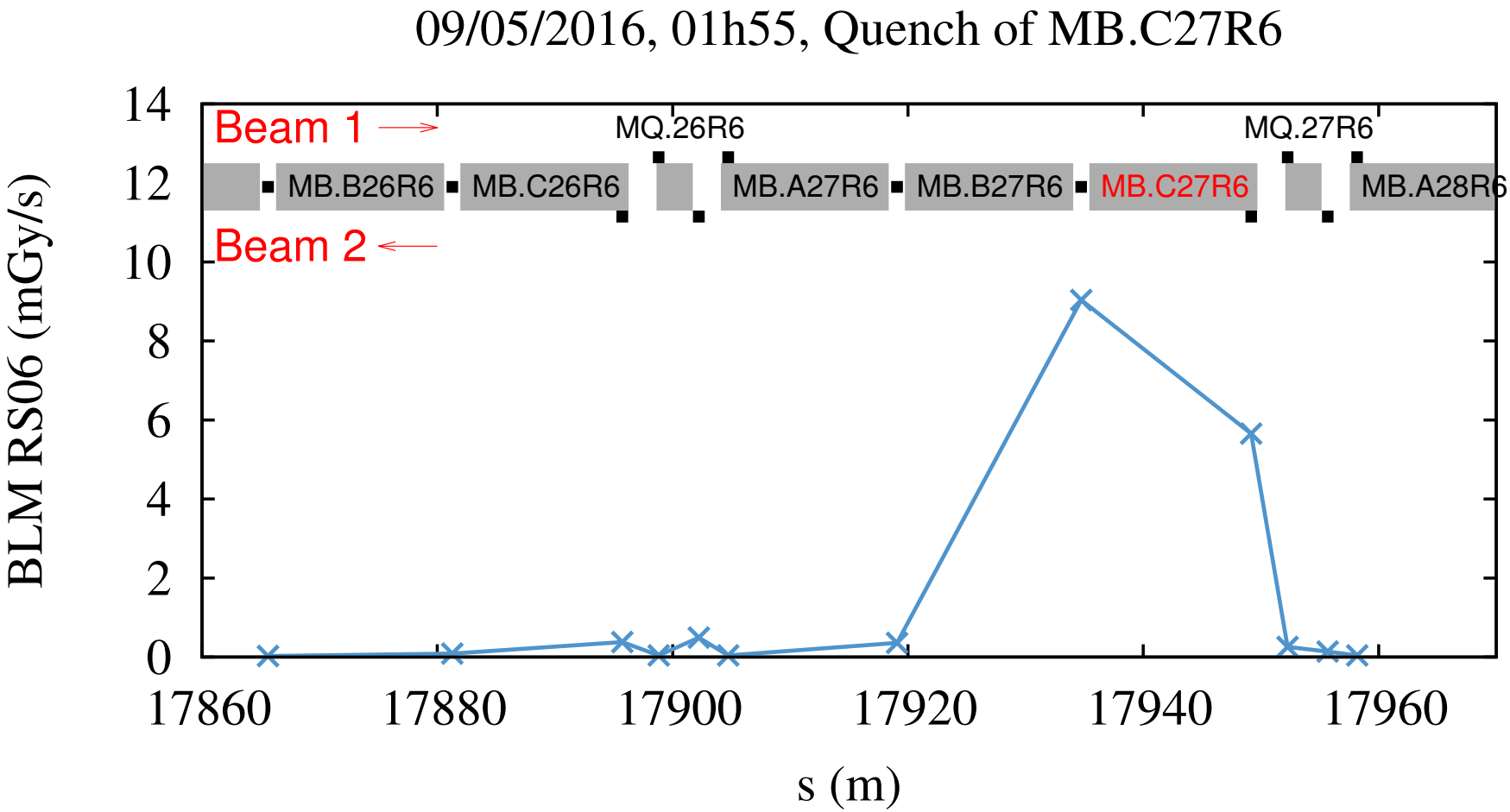
BLM signal pattern during UFO quench of MB.C27R6



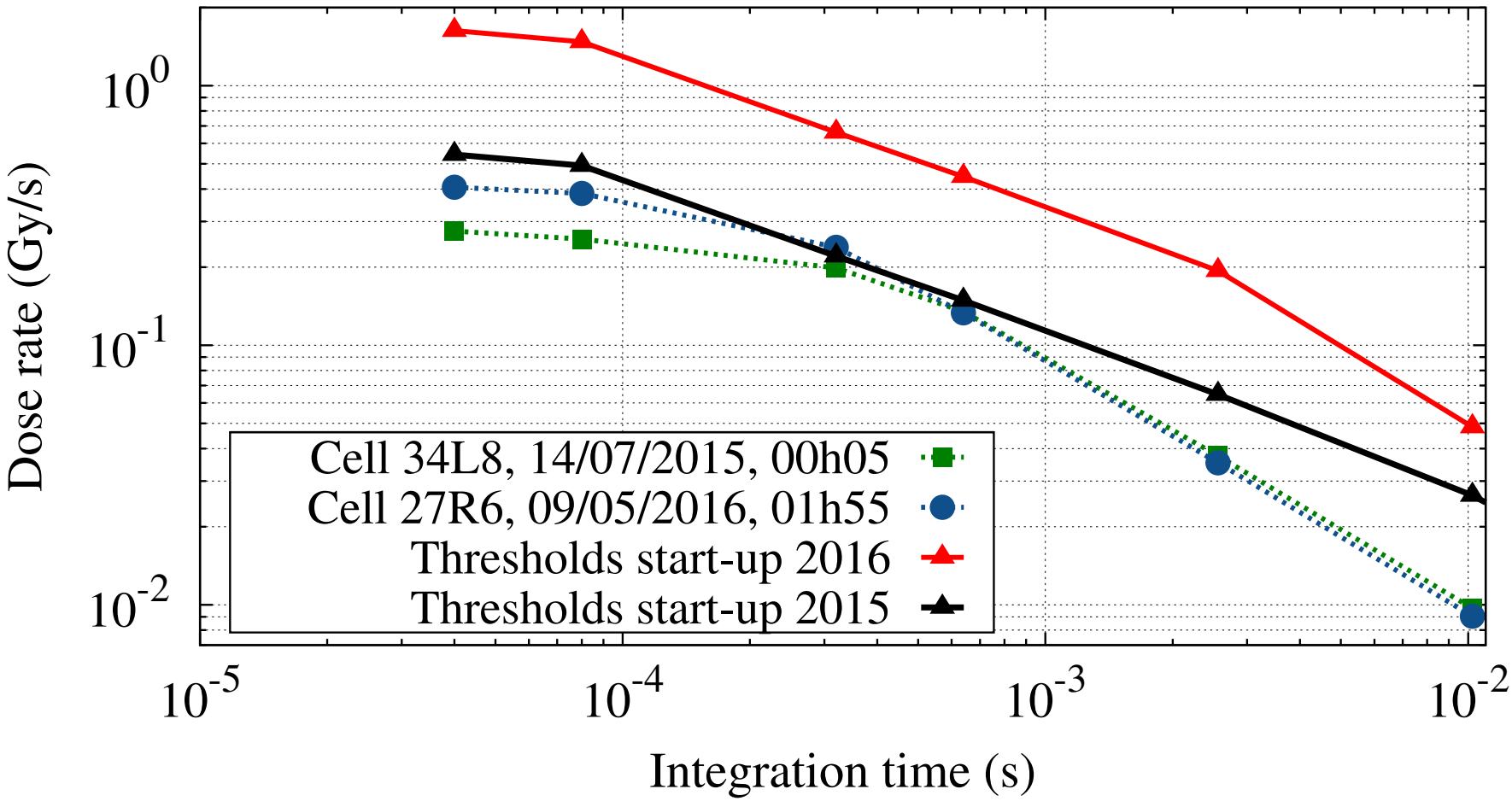
→ Losses clearly on B2 (showers towards cell 26)

→ Dust particle must have been inside MQ.27R6/MQS.27R6 or around MQ-MB interconnect

→ Loss position compatible with quench of MB.C27R6 (gammas from π^0-decay, neutrons)

→ Losses almost at least sensitive location for MB-MB BLM (i.e. far away from UFO BLM)

Max BLM signals and thresholds vs RS



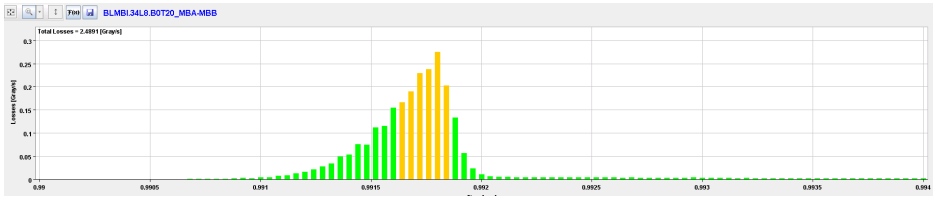
→ Reached a max sig/thr ratio of 36% in RS03

→ With thresholds from early 2015 we would have dumped on RS03
(not evident if a quench would have been avoided)

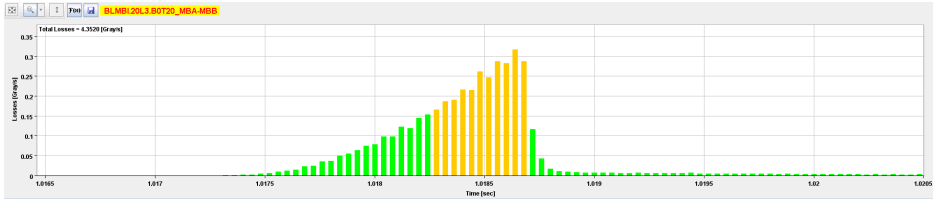
→ Integral BLM dose similar to the first UFO quench in 2015 (14/07/2015, 00h05)
(where we reached 91% of the 2015 thresholds)

Time structure (vs 2015 quenches)

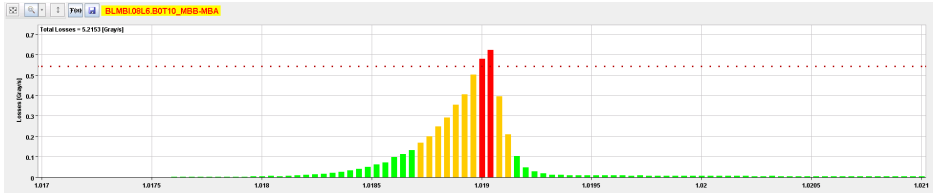
Quench 14/07/2015:



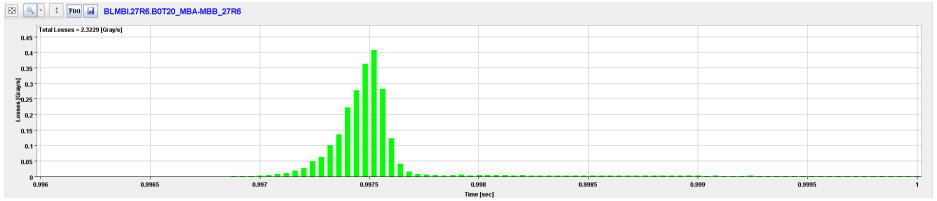
Quench 01/10/2015:



Quench 15/08/2015:



Quench 09/05/2016:



→ Recent event faster than 2015 events