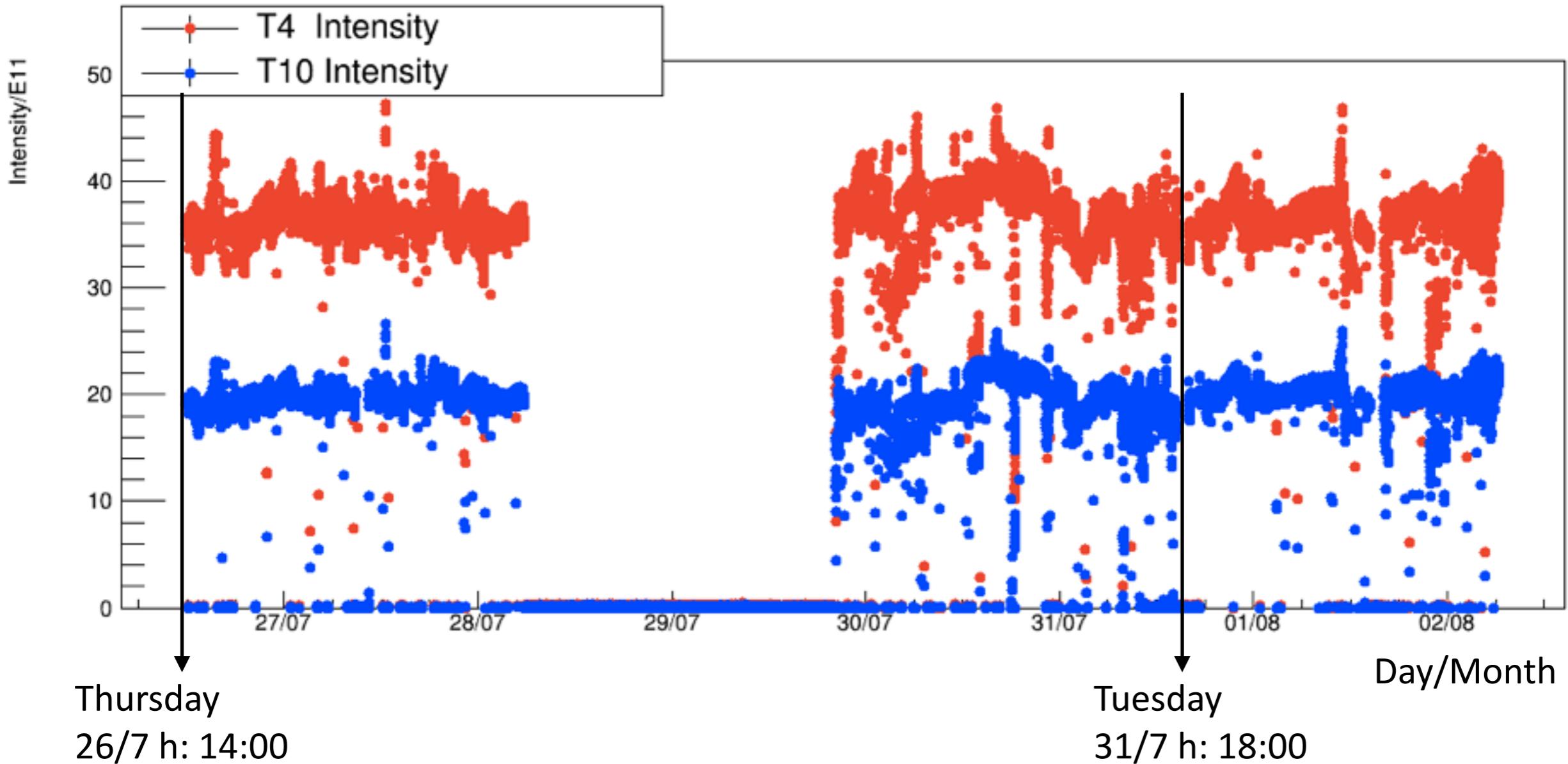


NA62 report to the SpS meeting

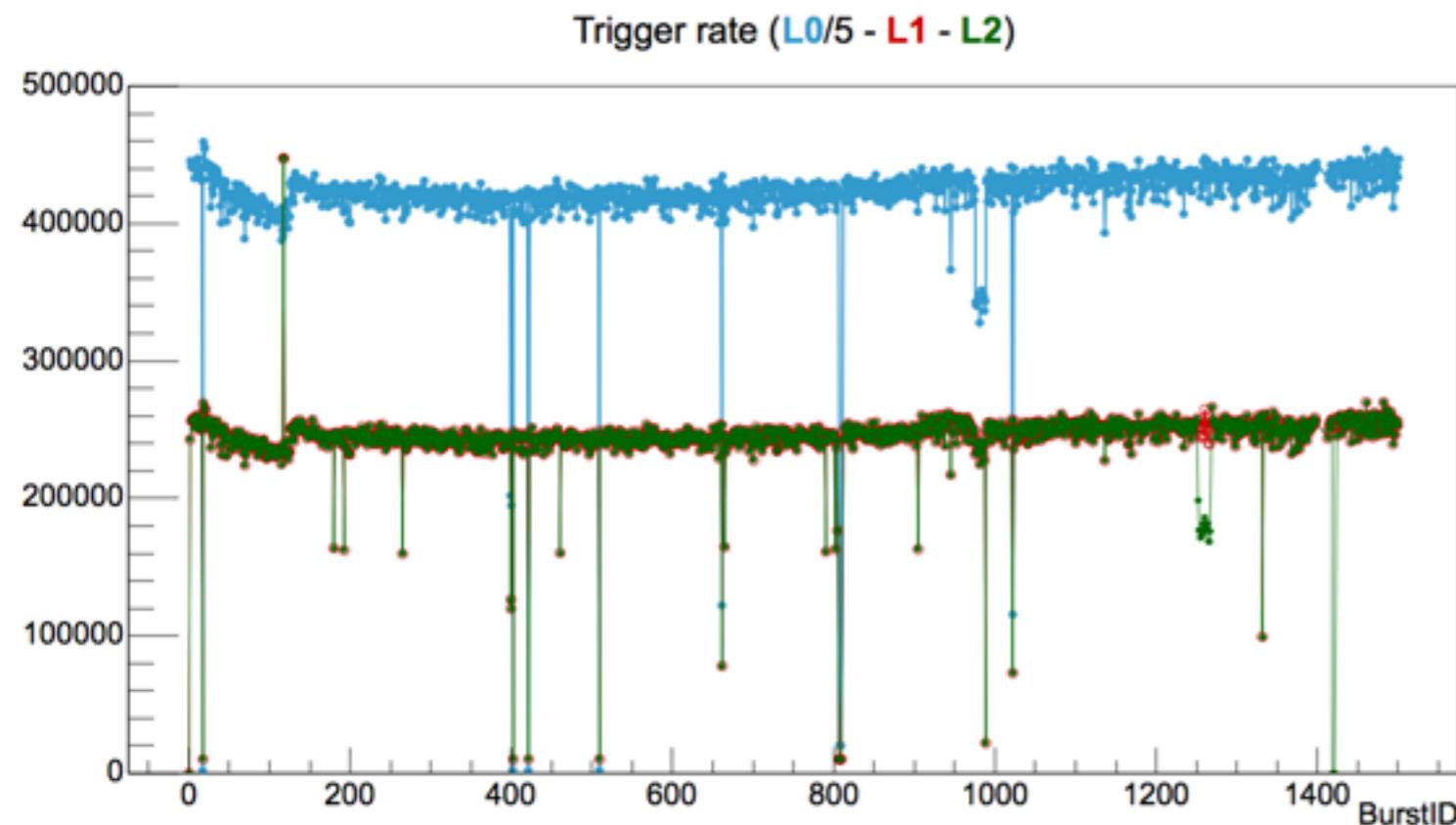
2/8/2018

Silvia Martellotti

Beam during past week

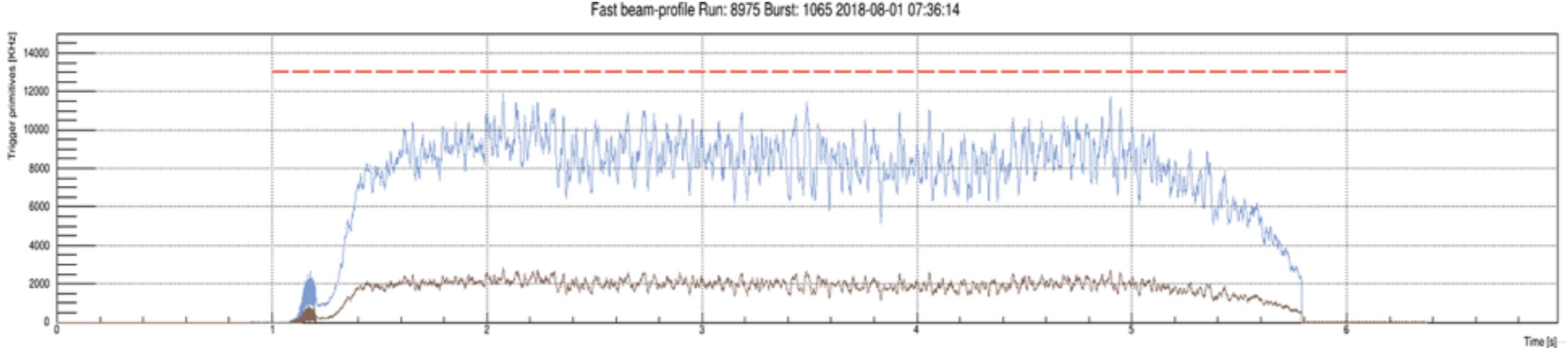


Optimal data taking



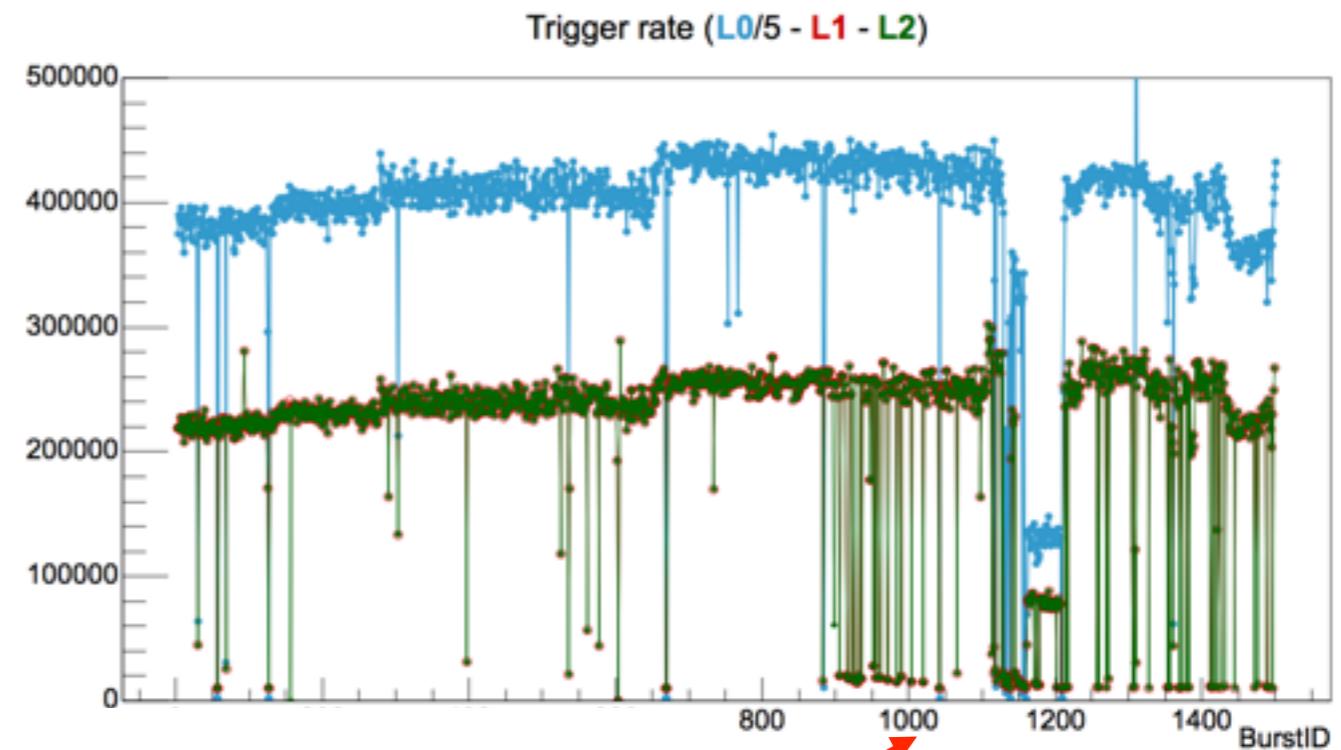
Electronic crashes in 2 bursts over 1500!

The spike at the beginning of the burst is totally gone

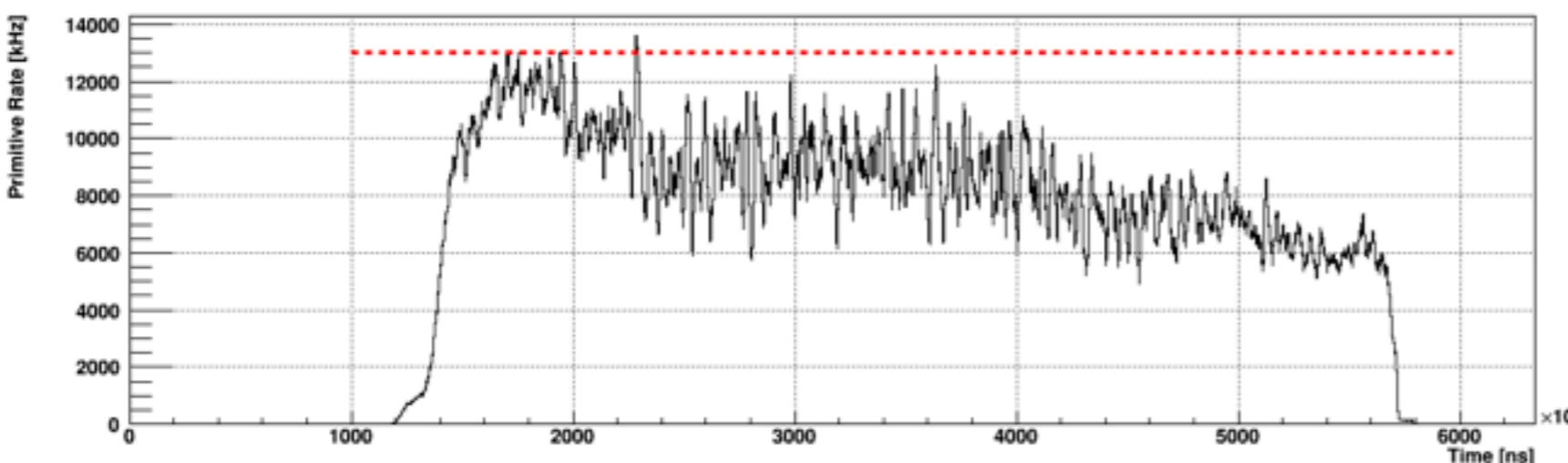
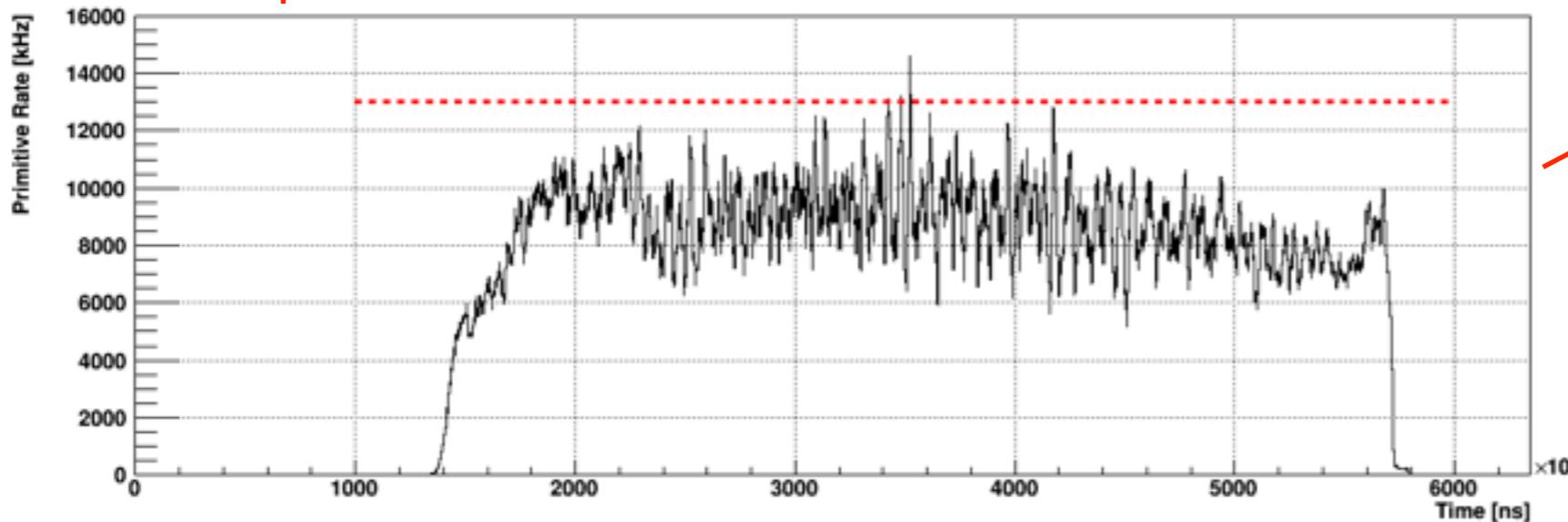


“Good” and “bad” beam profile

We are working to find a new plot that is more reliable to define the "beam quality" (electronic instantaneous input rate...)



Examples of 2 bursts that we lost



Possible solutions on our side:

- Trigger output offset (1.2 s) can protect the boards from what happen at the beginning of the burst
- Enlarge the trigger dead time (present value: 75 ns) may protect the electronics along the whole burst