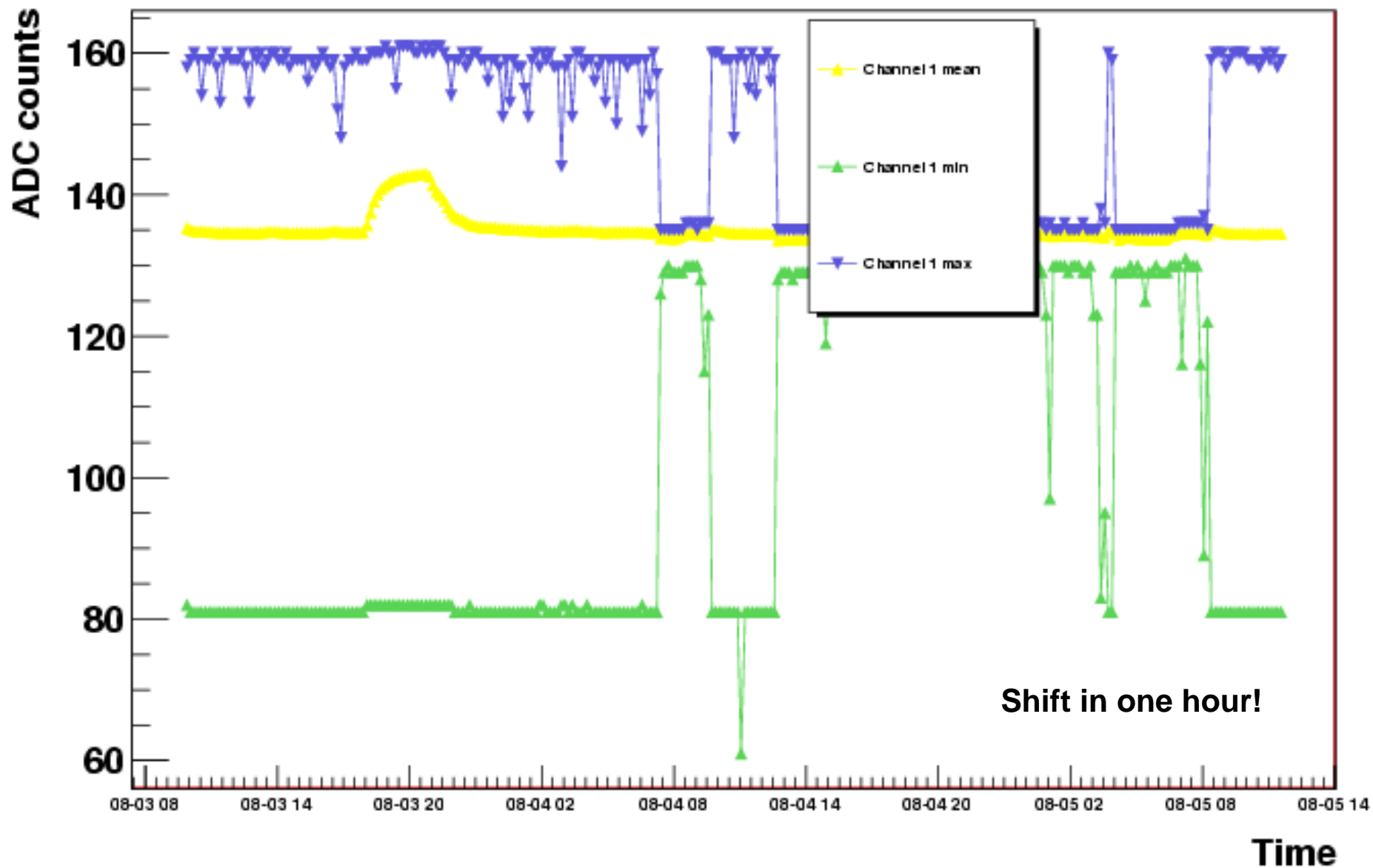


# Baseline measurements

Novgorodova

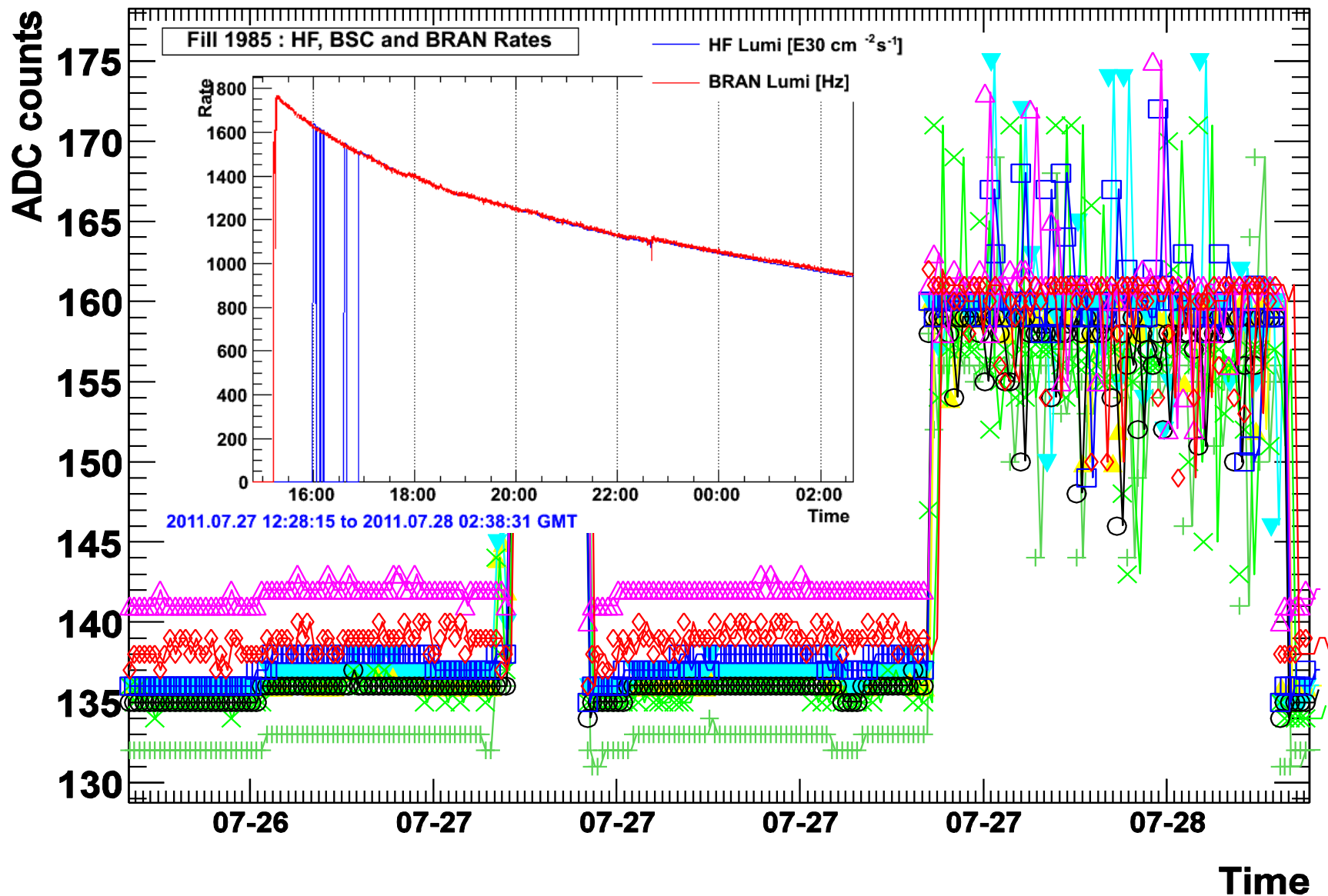
15.08.2011

# BaseLine min, max, mean



# Represent when machine is running

## Baseline Over Time in July 2011



- > Baseline tool works under brmprom account
- > New tool is prepared “baseline\_plus” tool – searching for pulses and add information of number of pulses (peak finder algorithm)
- > ADC full buffer is read out 10 times ( $4\text{ms} * 10$ ) and summed out number of signals found. Can be recalculated in number of orbits ( $400\text{ms} / 89\text{ms} \sim 445$  orbits)
- > DIP publishing – is in process (Dorothea helps now)
- > Number of peaks per orbit (**mean - yes**, rms – no )
- > Peak height (mean, rms) - can be
- > Peak widths (mean, rms) – can be
- > All additional operations slow down read out of ADC block transfers

