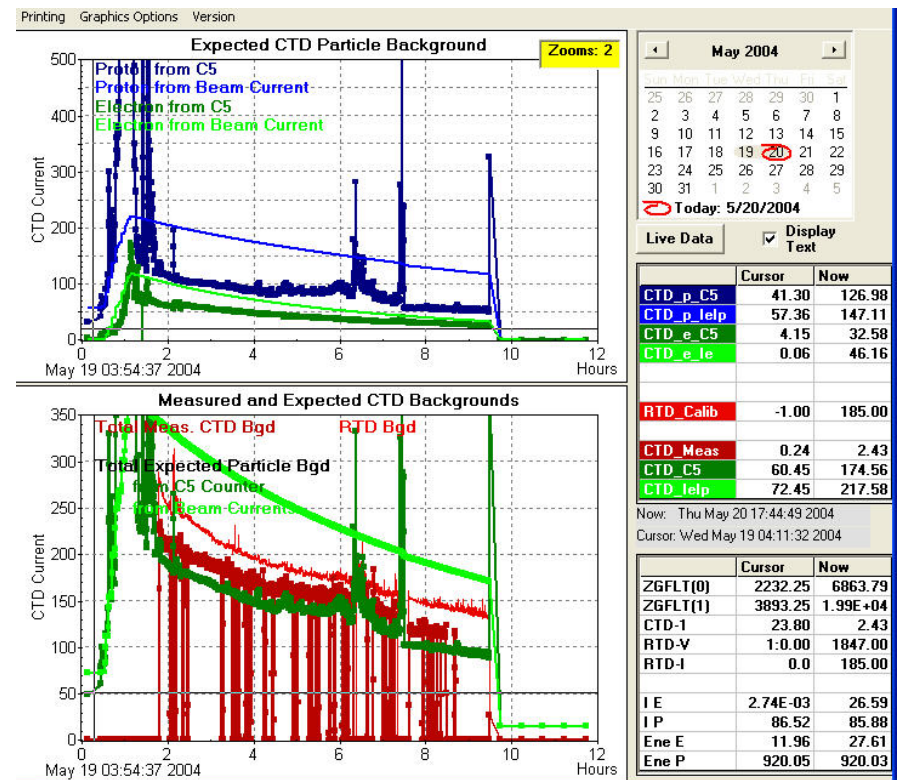


# ZEUS status and plans

- Running since last coordination meeting
- ZEUS solenoid
- Plans for shutdown 2004
- Plans for shutdown 2005

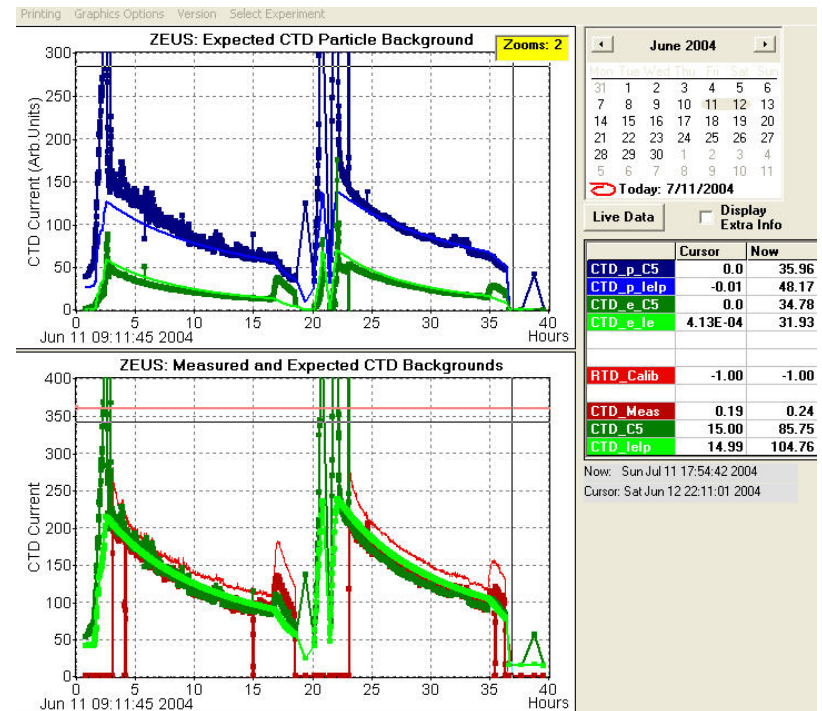
# Running since last meeting

- At the time of the last meeting, ZEUS was not able to run effectively due to CTD trips caused by spiky background.



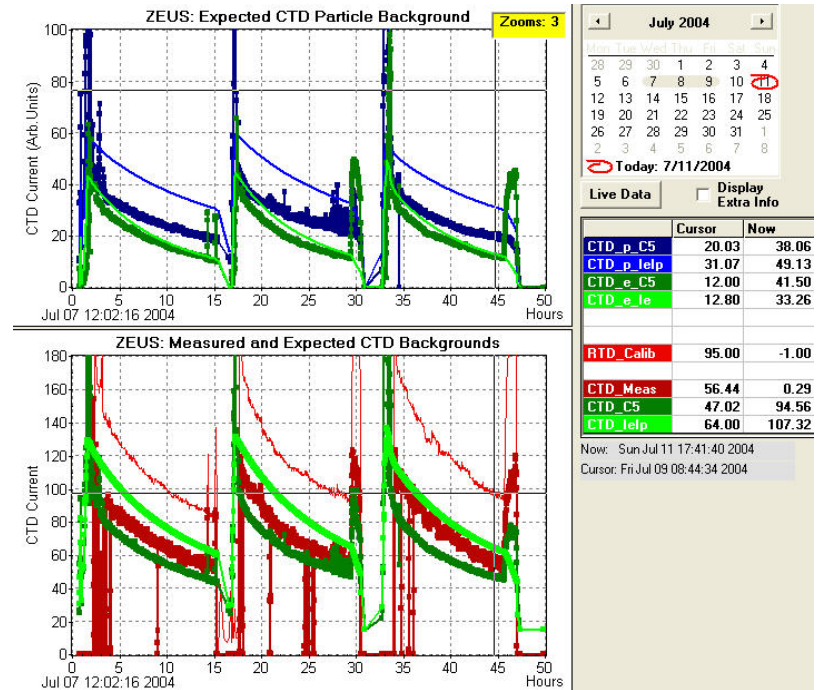
# Running since last meeting

- Since bad cable connection in 208 MHz system was fixed in early June, the background improved dramatically. We are able to run the CTD without problems.

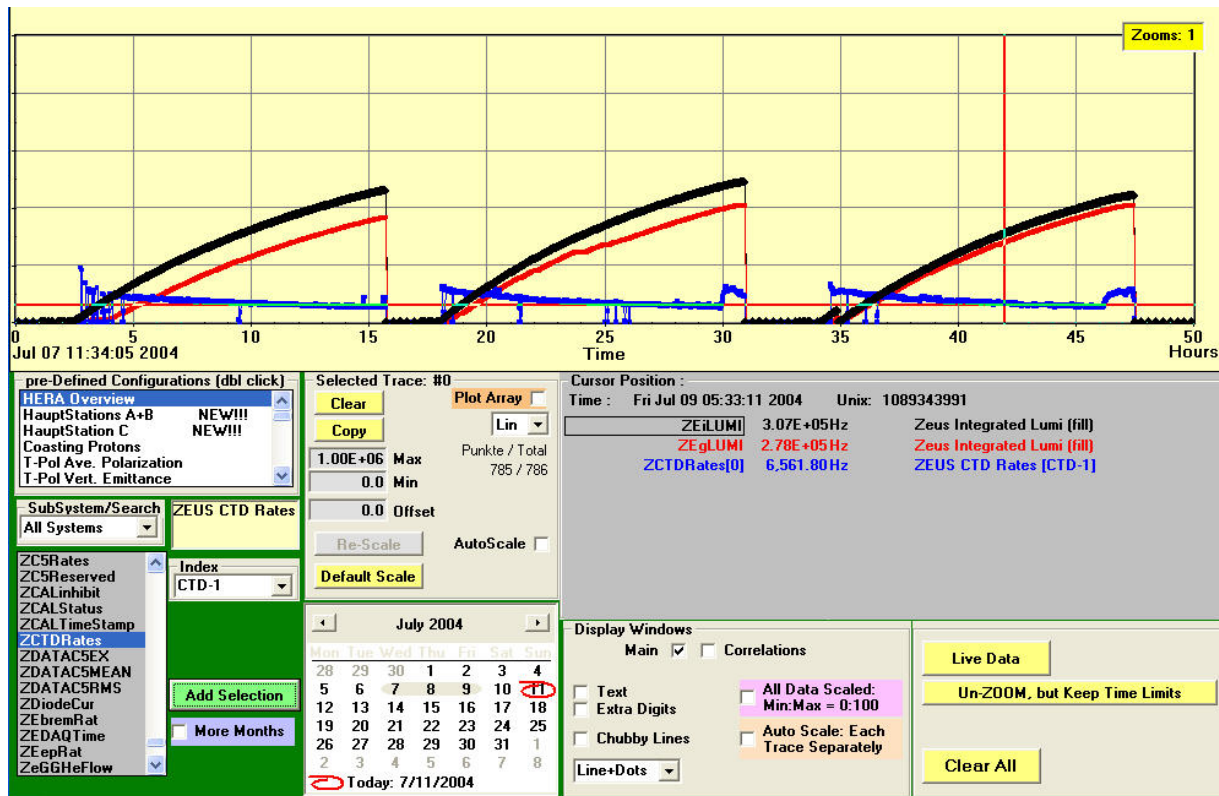


# Running since last meeting

- Data taking after the NR leak, 19 June: suffered for a few fills from difficult tuning at the beginning.



# Running since last meeting



Detector is running well: high efficiency data taking

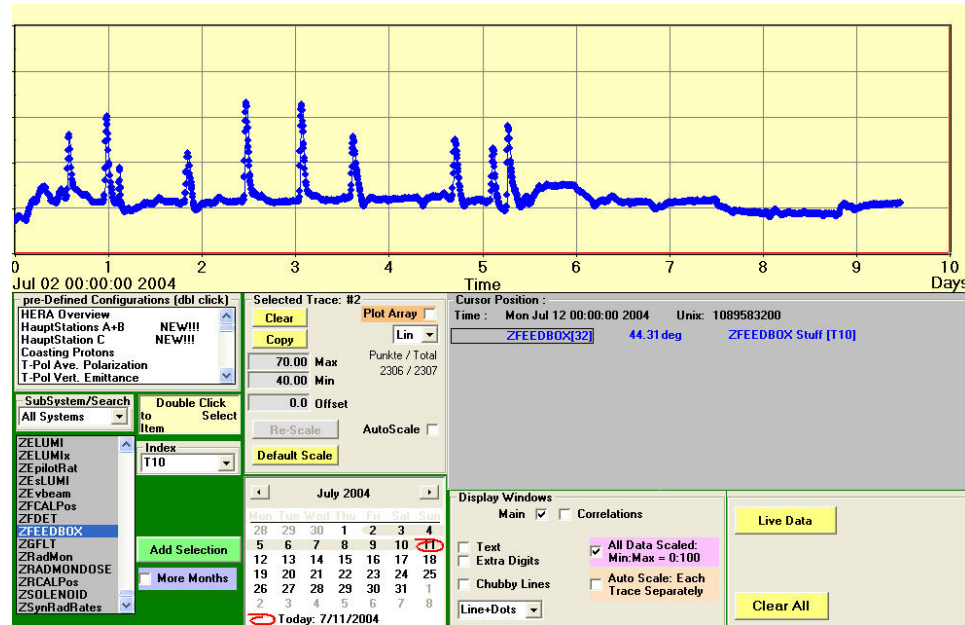
# ZEUS solenoid

- Since mid-June, temperature alarms (causing the solenoid to ramp down) began to increase in frequency.
- These were triggered by temperature sensors registering "spikes" (~hour time scale).



# ZEUS Solenoid

- As of last week, we have understood the problem enough to stop these spikes.
- We may ask for an short access to stabilize the situation further.



# Shutdown plans 2004

- ZEUS has no plans that impact the shutdown schedule.
- Routine maintenance
- Improvement in reliability:
  - Solenoid (under discussion with Ansaldo)
  - CTD HV (most work outside detector)
  - Additional shielding for LUMI spectrometer.

# Shutdown plan 2005

- ZEUS currently intends to only do routine maintenance + reliability improvements in 2005 shutdown.