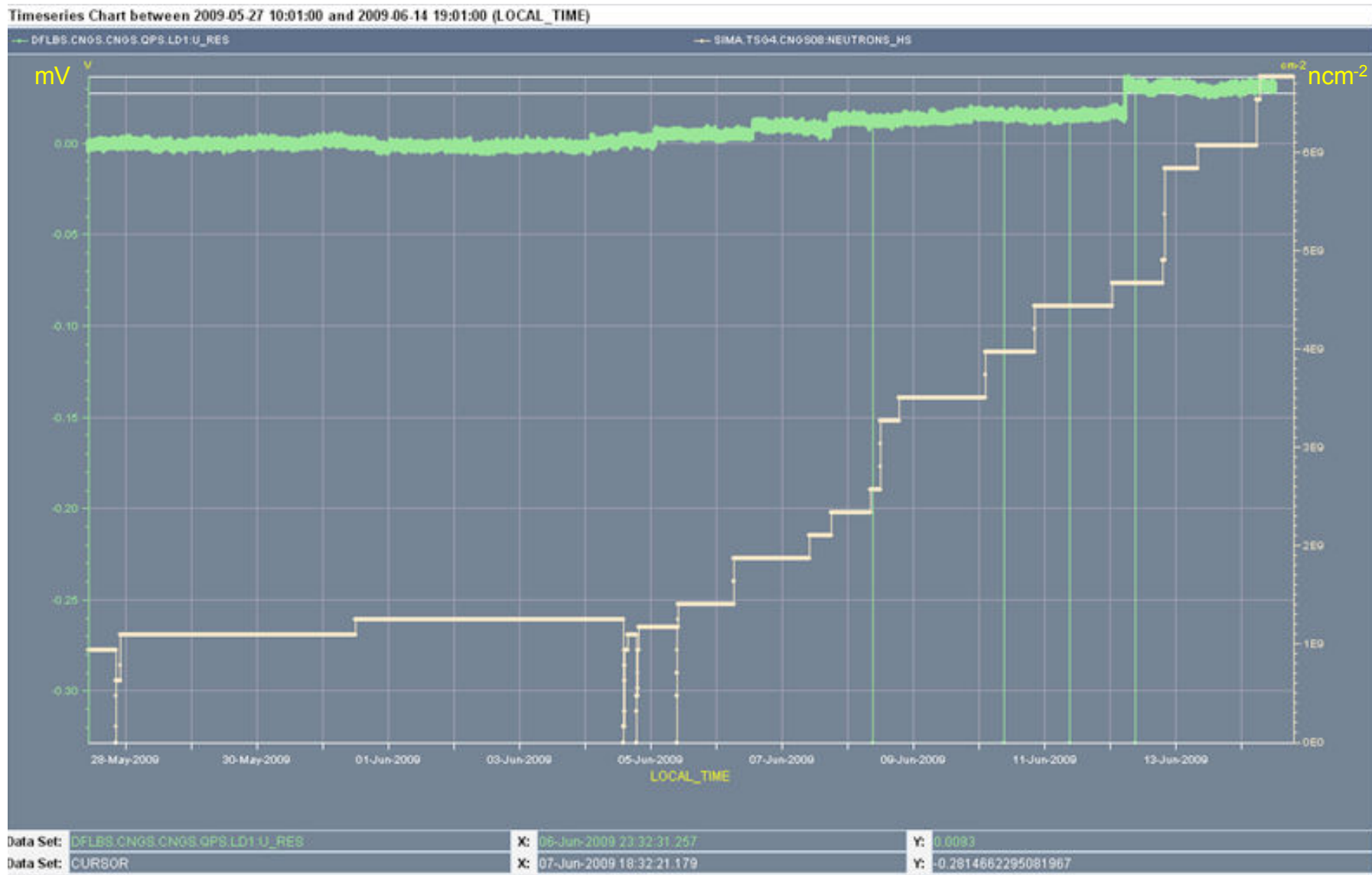


## → Equipment under test

- Field-bus coupler type DQAMGS (new QPS layer)
  - Latest MicroFip™ version
- Field-bus coupler type DQAMS600 (600 A EE systems, QPS remote reset units)
  - Old MicroFip™ version
  - Used as well for test controls and DAQ for TE-MSC-SCD test
- Bus-bar protection system type DQQBS (new QPS layer)
  - High precision systems based on device already tested last year on CGNS
  - Micro-converters, DC-DC converters, amplifiers etc.
  - Verification of firmware (error correction code), drifts etc.
- Power pack prototype unit
  - LDO regulators (also tested @ PSI), rectifier bridges



- ➔ Next steps (changes implemented during yesterday's access)
  - ➔ Bus-bar protection system type DQQBS added
  - ➔ Firmware update of field-bus coupler type DQAMGS and other DQQBS system
  - ➔ Equipment moved into zone with higher flux
  - ➔ System successfully re-started and working correctly
- ➔ Further steps planned
  - ➔ Installation of DQQDS type circuit boards (aperture symmetric quench detection)
  - ➔ Further evolution of firmware depending on results