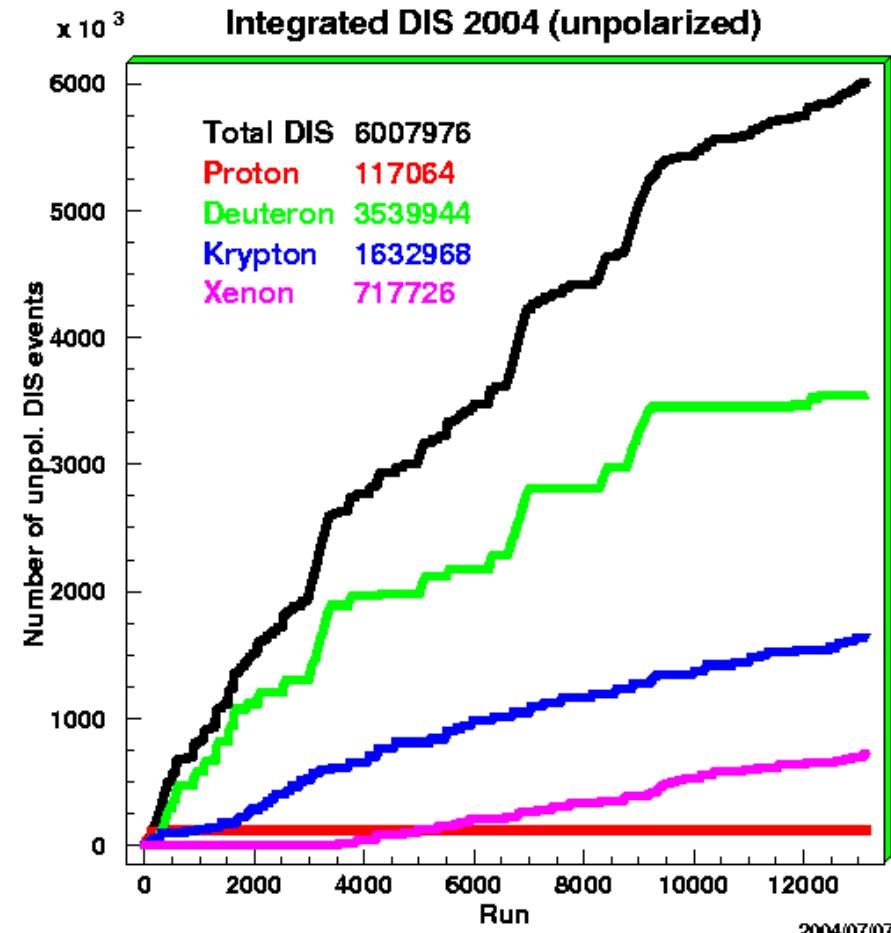
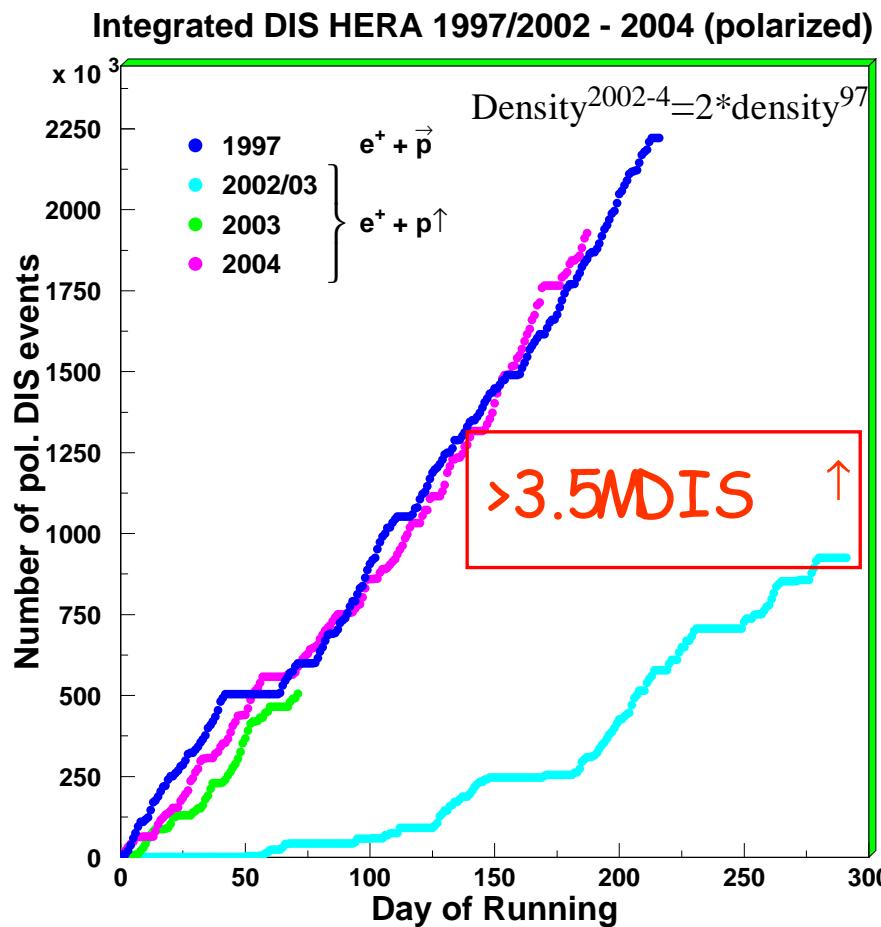


The Status of



The Spectrometer is fully operative!

Pasquale Di Nezza, HERA Coordination Meeting, July 2004

Target

3 dissociator glass tubes broke in 5 months
Life time ~3 weeks (previously >2 months)

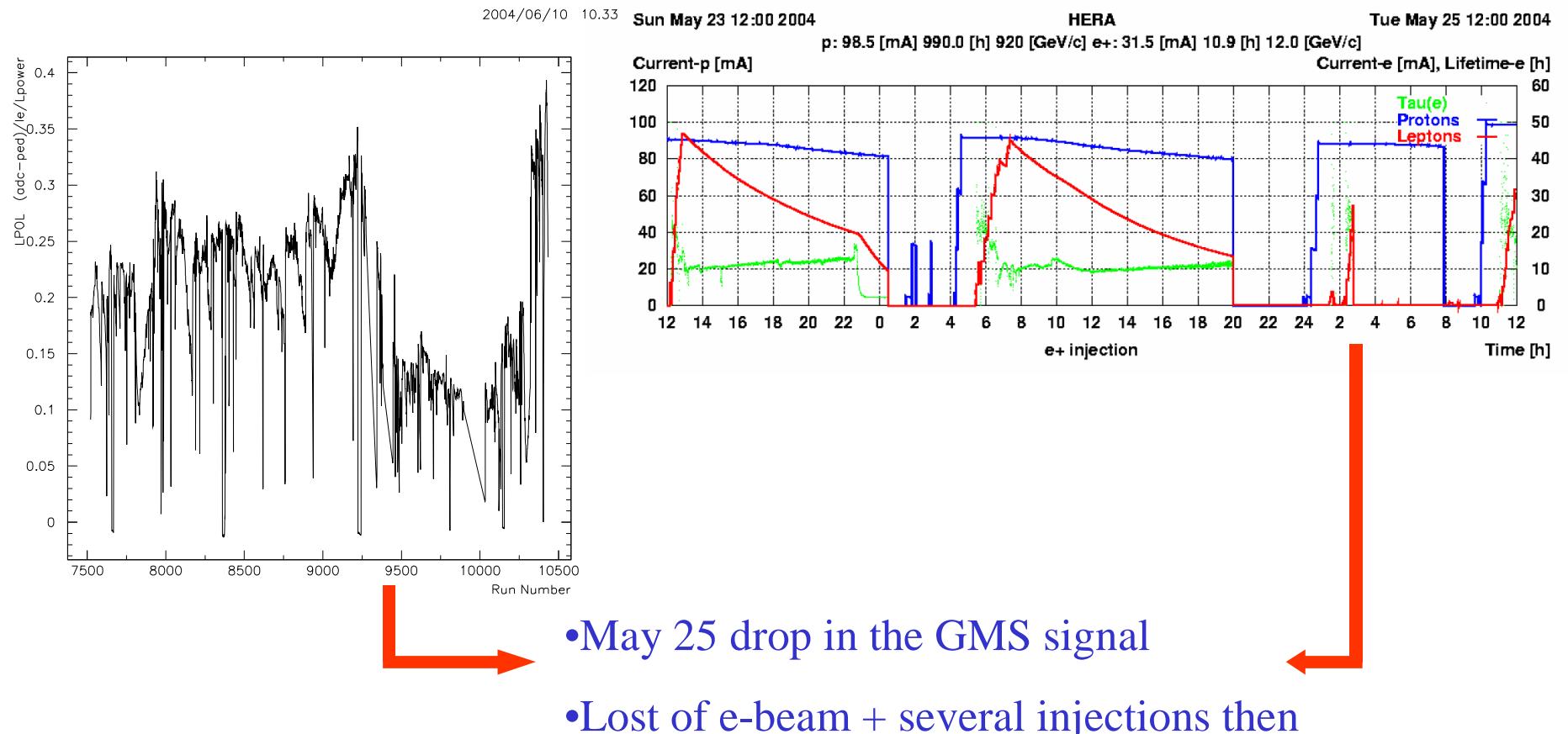


Quartzglasstube installed in June: no signal of deterioration at the moment.

It has been decided to take it until the shutdown.

Previous problems seem due to a defected bunch of tubes.

Longitudinal Polarimeter



Longitudinal Polarimeter



Longitudinal Polarimeter

Crystals(thankstoH1)+GMSfibersreplacedon19

th of June

GMSsignalOK → hardware works

Low Luminosity(<10%), focusing problems in IP

Tuning of slopes + mirror 4 → only small improvements

Tuning of other mirrors (usually untouched) brought

lumi > 30%

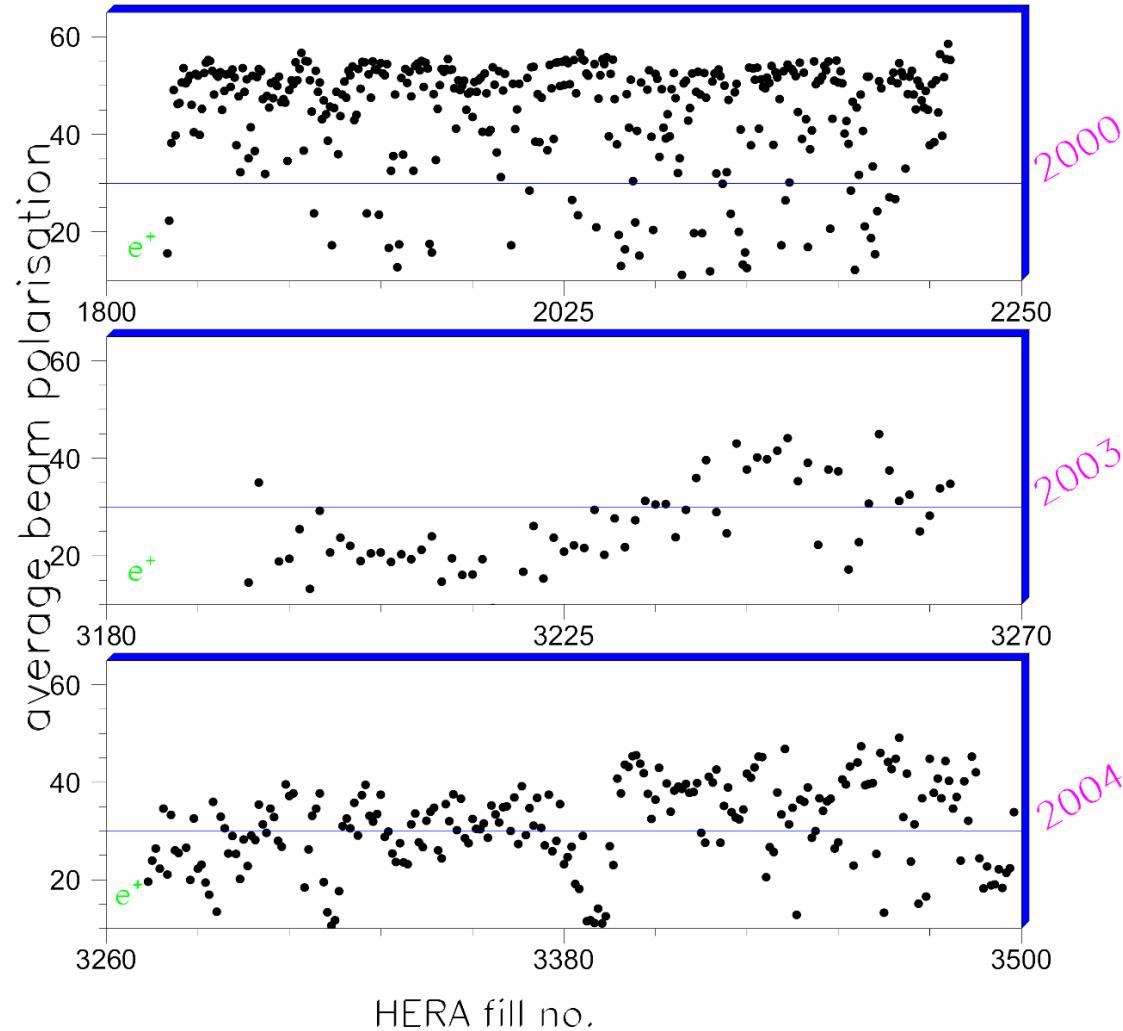
Temperature probe (PT100) installed in front of the calo box:

No beam 28 °C

Injection+acceler. 29 °C

Tuning or Lumi 35 °C

Polarization



- Helicity dependence
- Polarization significantly lower than 2000

Activities before shutdown

- Lumi scan: change of beam slope and position for ~4h (steps of 50 mrad, target magnet on/off).

Summer 2014 shutdown activities

- Minor repairs within 2 - 3 weeks of working days:
 - Λ -wheels: electronic tests
 - Drift Vertex Chambers: new mechanical support
 - Target: Cell exchange
 - Pump system maintenance
 - BRP and TGA channeltron replacement
 - Anti-Ageing Cure for MC: solvent flow system
 - DAQ: modification for Recoil