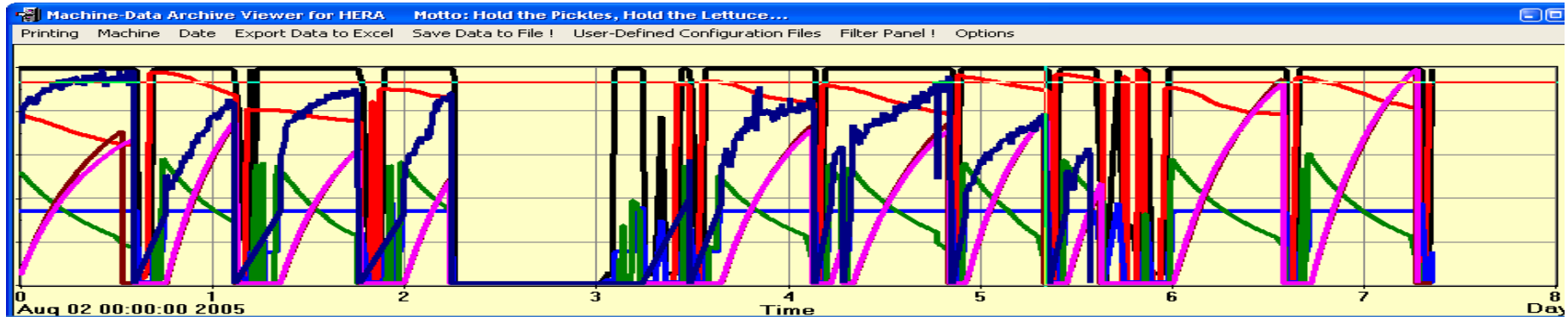


# HERA Week # 31



**Luminosity operation:** Beam currents  $I_p=(80-90)$  mA,  $I_e=(28-35)$ mA  $\int Ldt =6.25$  pb<sup>-1</sup>

Polarization: (30-45) %

**Operations:** Restart after interruption for ZEUS as planned, somewhat painful  
backgrounds at p-injection bad, p-Orbit at injection needed improvement

**Technical Problems:** p-Quench protection dump-switch, sextupole measurement  
coupler Window temperature SCCav, phasing of the cavities, adjusting thresholds

Proton RF trouble

Original PS for GA North Munk 506A/11 put in operation on Thursday

Occasional spikes coincident with GA spikes reported → switch back to Munk 505A/13