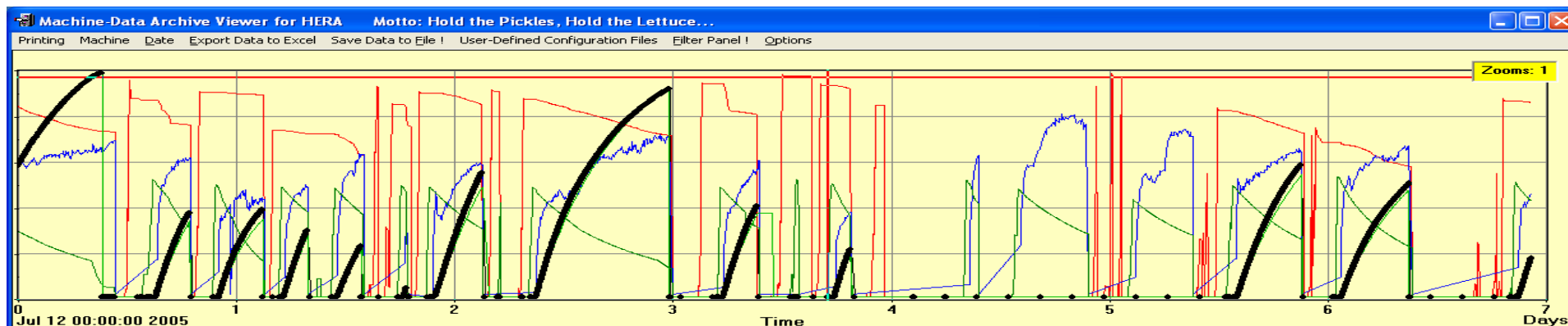


# HERA Week #29



Luminosity: \*  $\int L dt = 5.5 \text{ pb}^{-1}$ , efficiency poor due to major technical problems

\* specific luminosity  $> 2 \text{ E}30$ ,

\* p-backgrounds require continuous tuning, problems with GA circuit

Polarization: \* maximum value in collisions 50%, usually starting from 30%, increase to 45%

\* reach 56% in e only fills

\* tuning of bumps of order  $> 2$ , no substantial improvements,

\* reiterated energy scan ditto

Technical Problems: \* Main RF Amplifier 208MHz System D, Grid-cathode short

\* main amplifier replace on Monday (work around during the weekend)

\* GA-Problem reappeared, it is now clear that it must be the PS

\* Problem with tuner loop of s.c. cavity #16, (dumped the beam 3 times)