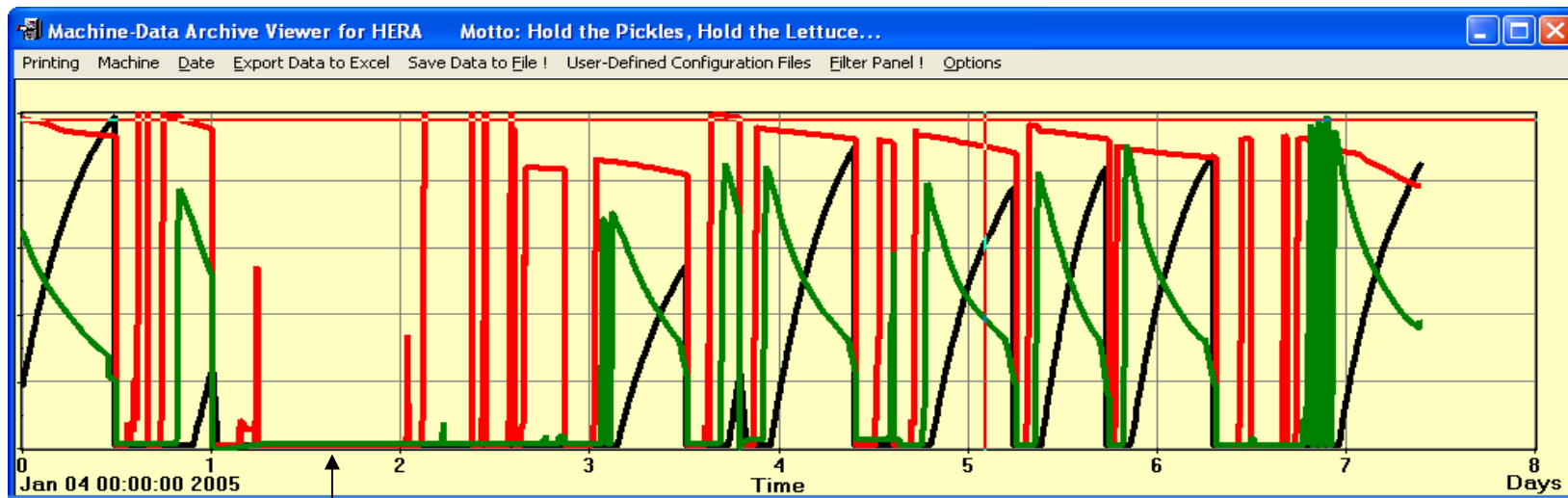


# HERA Week #1 2005

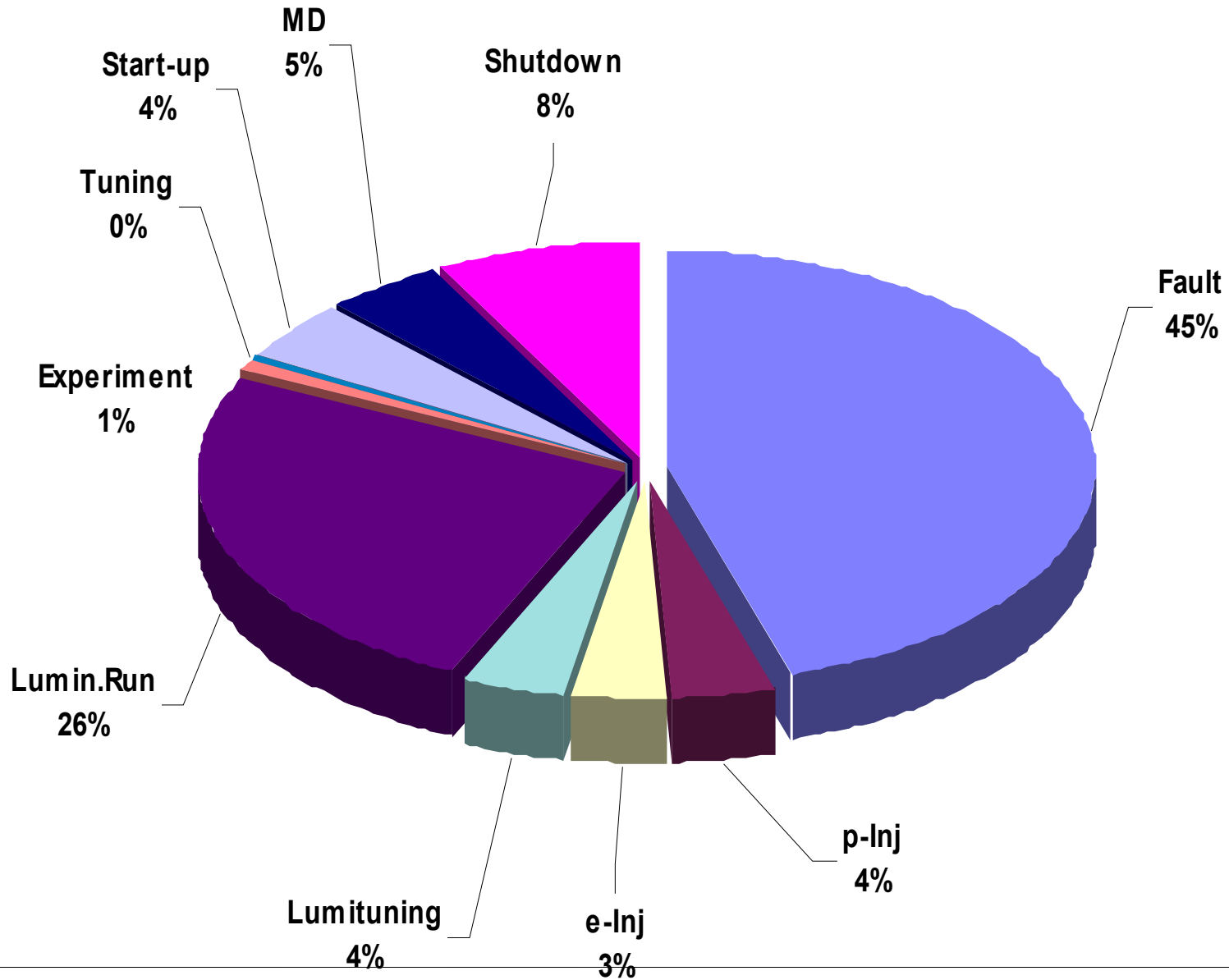


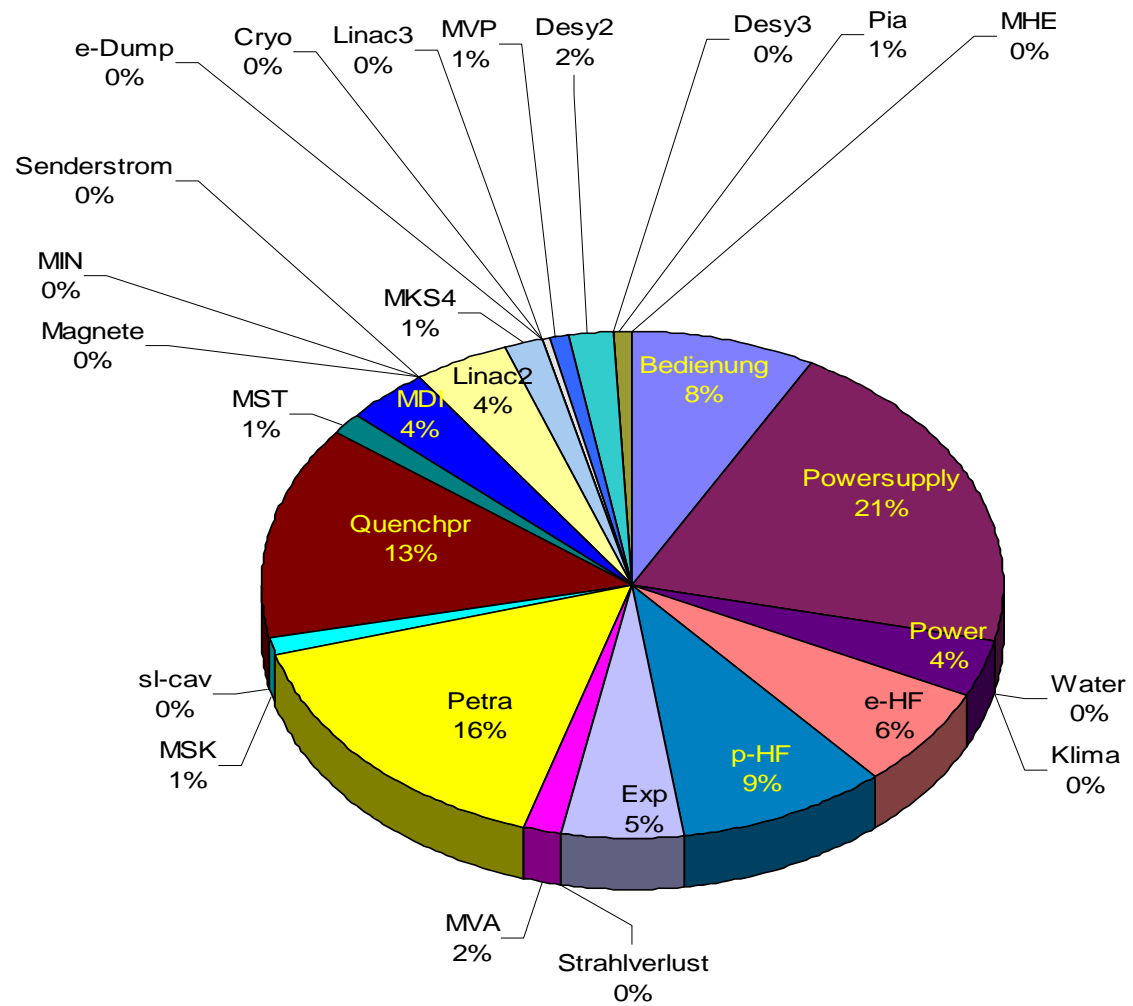
Maintenance Day

$$\int_{\text{week\#1}} L dt = 3.7 \text{ pb}^{-1}$$

- Specific Luminosity continues to be very high
- Record proton currents (per bunch) accelerated 82mA in 120 Bunches @123mA
- Background situated troubled by spikes
- Polarization tuning slow

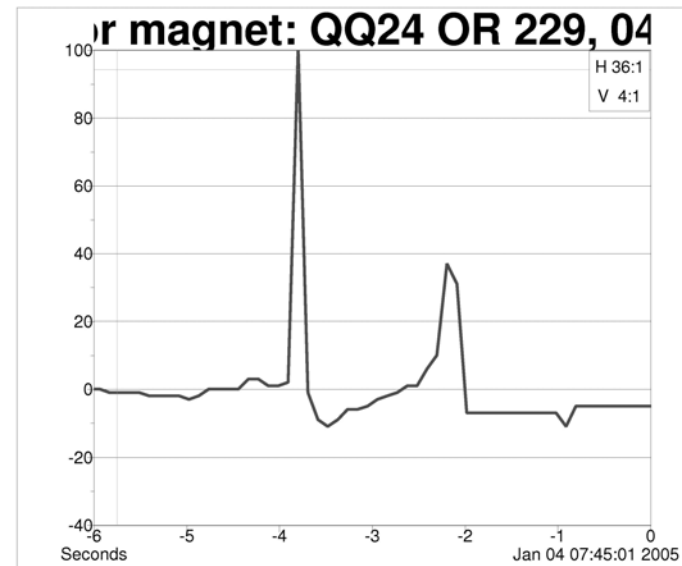
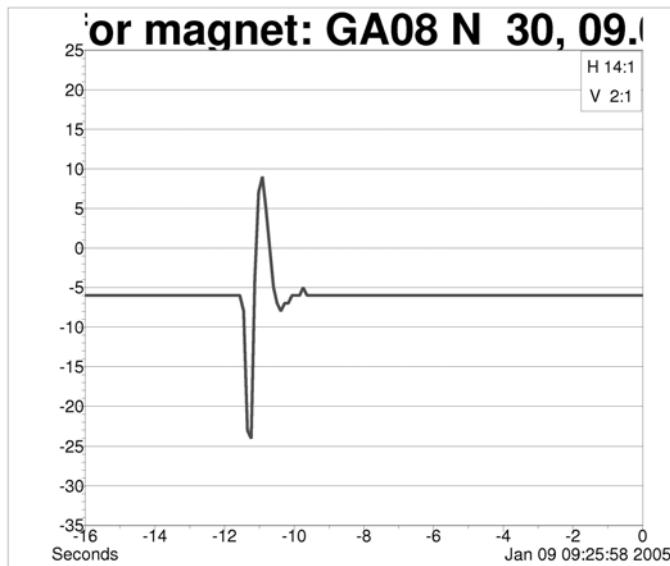
# HERA Operational Statistics 2005





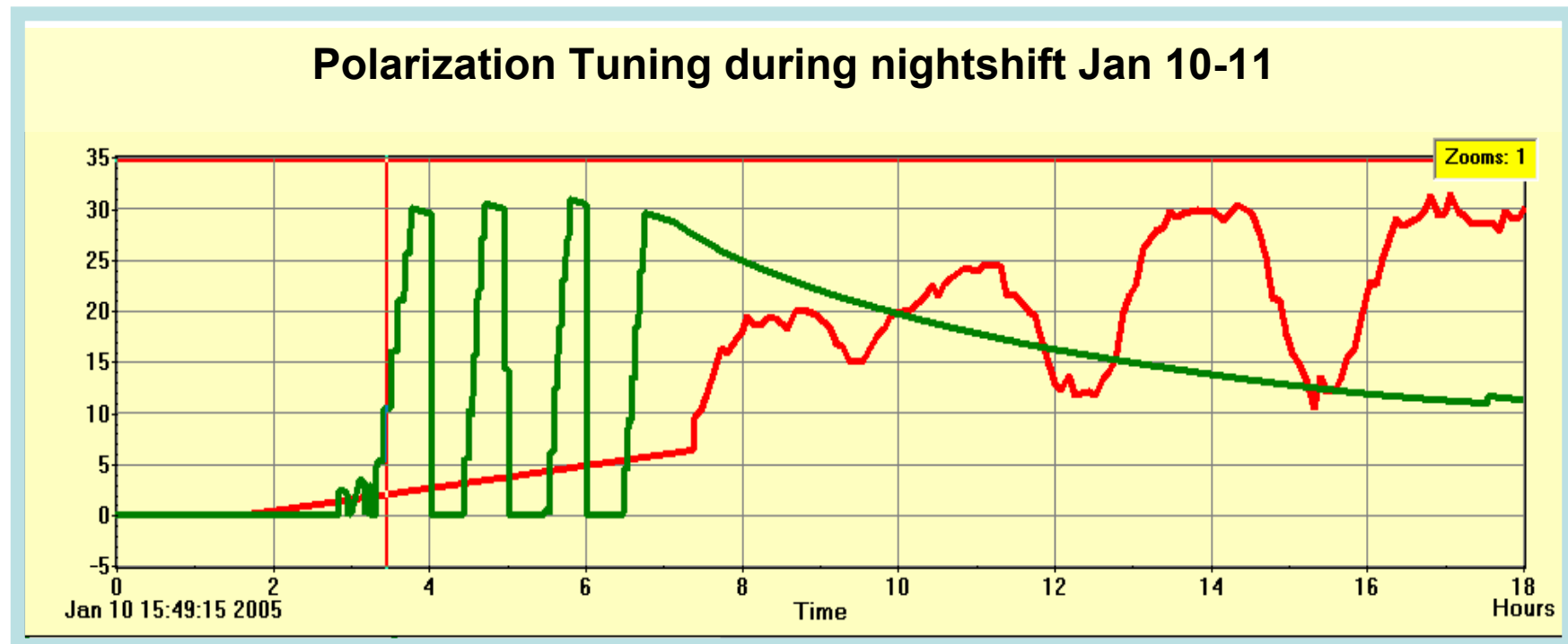
# Spiky Backgrounds

p-Backgrounds are critical for H1, become intolerable by “spikes”



Actions: exchange of PS, investigation of PS, training of shift crew

# Polarization



Progress in polarization slow 30%

Bump tuning results not very reproducible

There seems to be a drift which masks it difficult to tune the bumps

# Proposal to proceed

Continue with 120 operation until  
background situation has improved

180 bunch operation probably in February