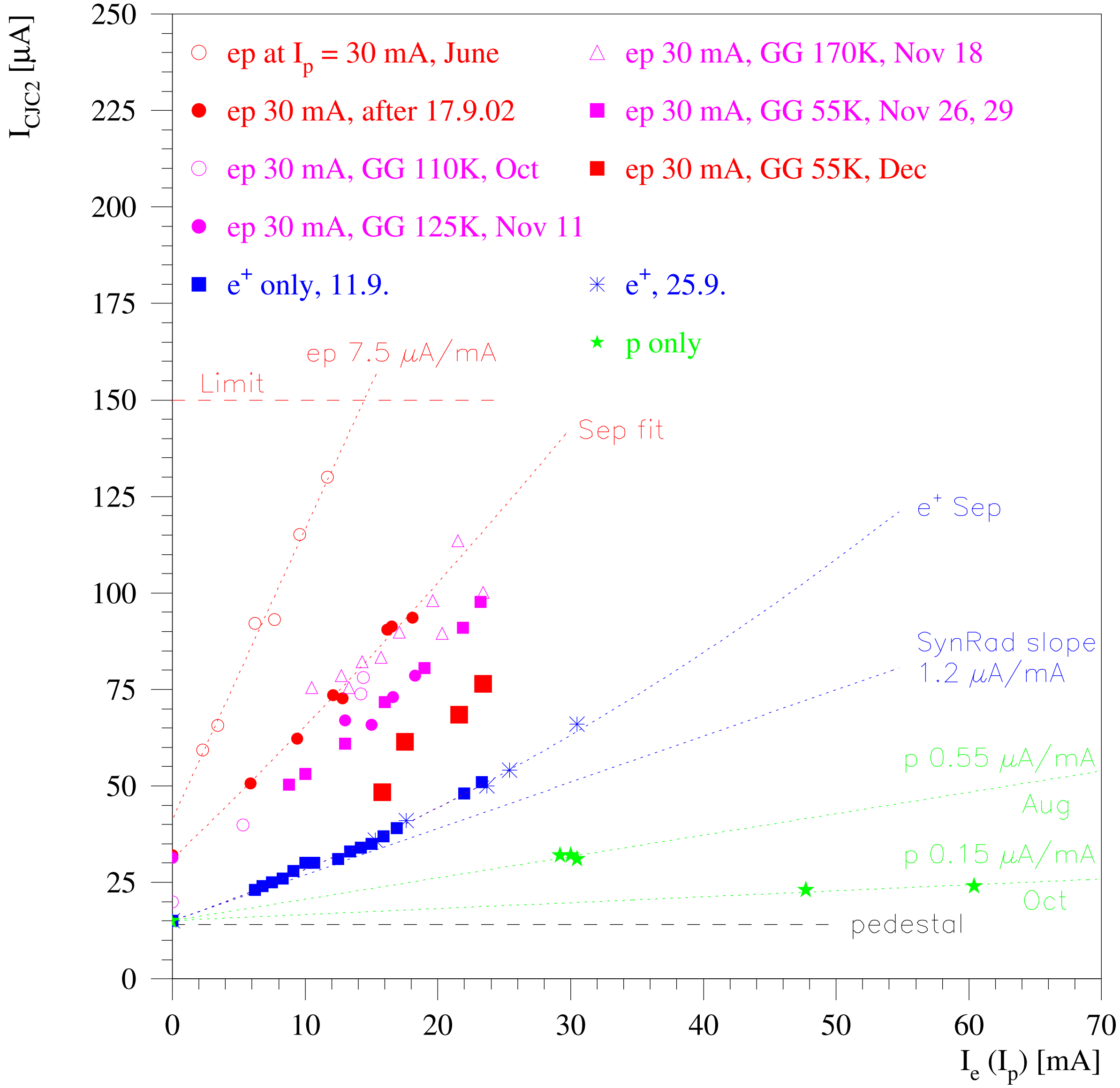
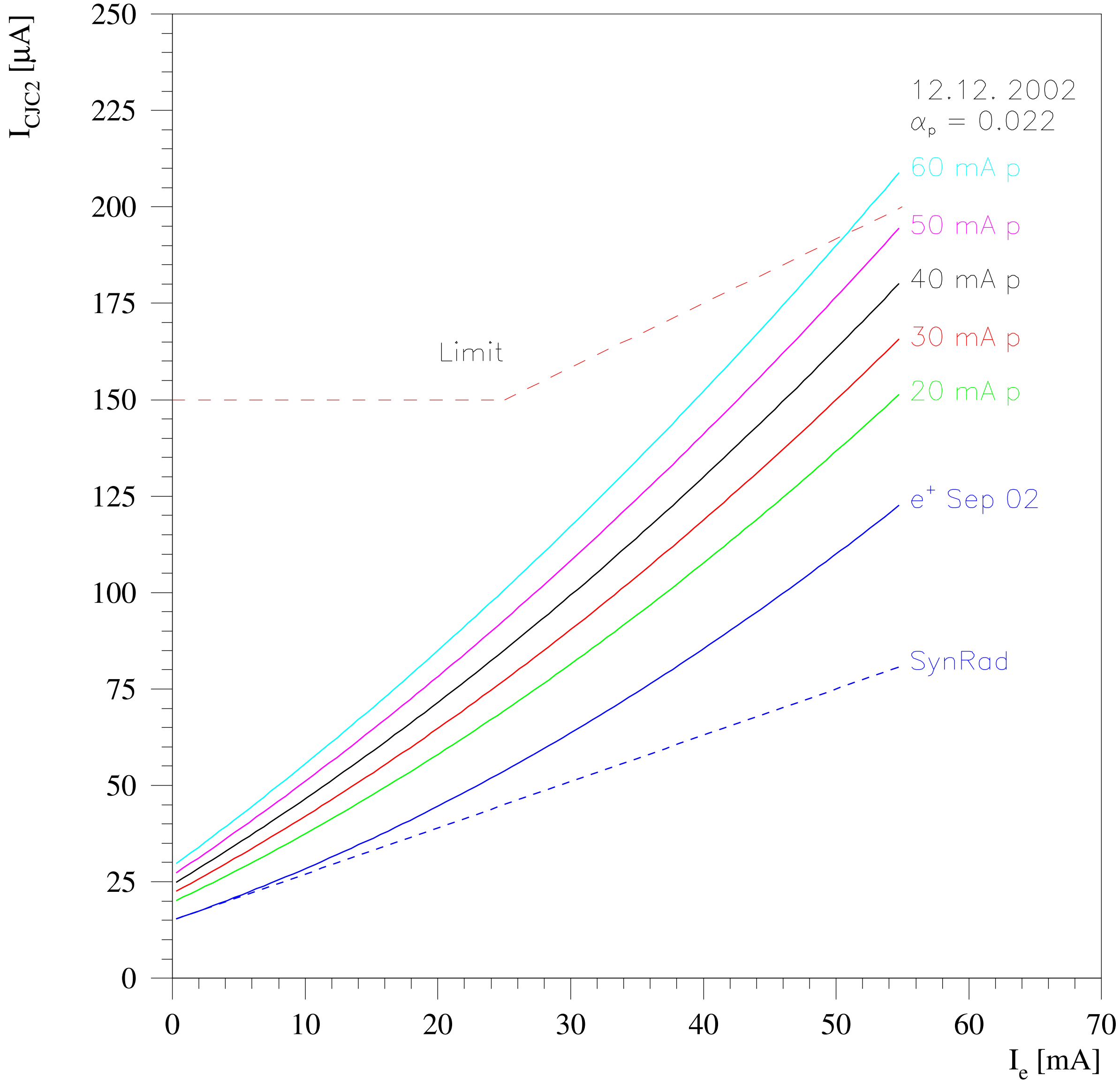
# Chamber current vs beam current



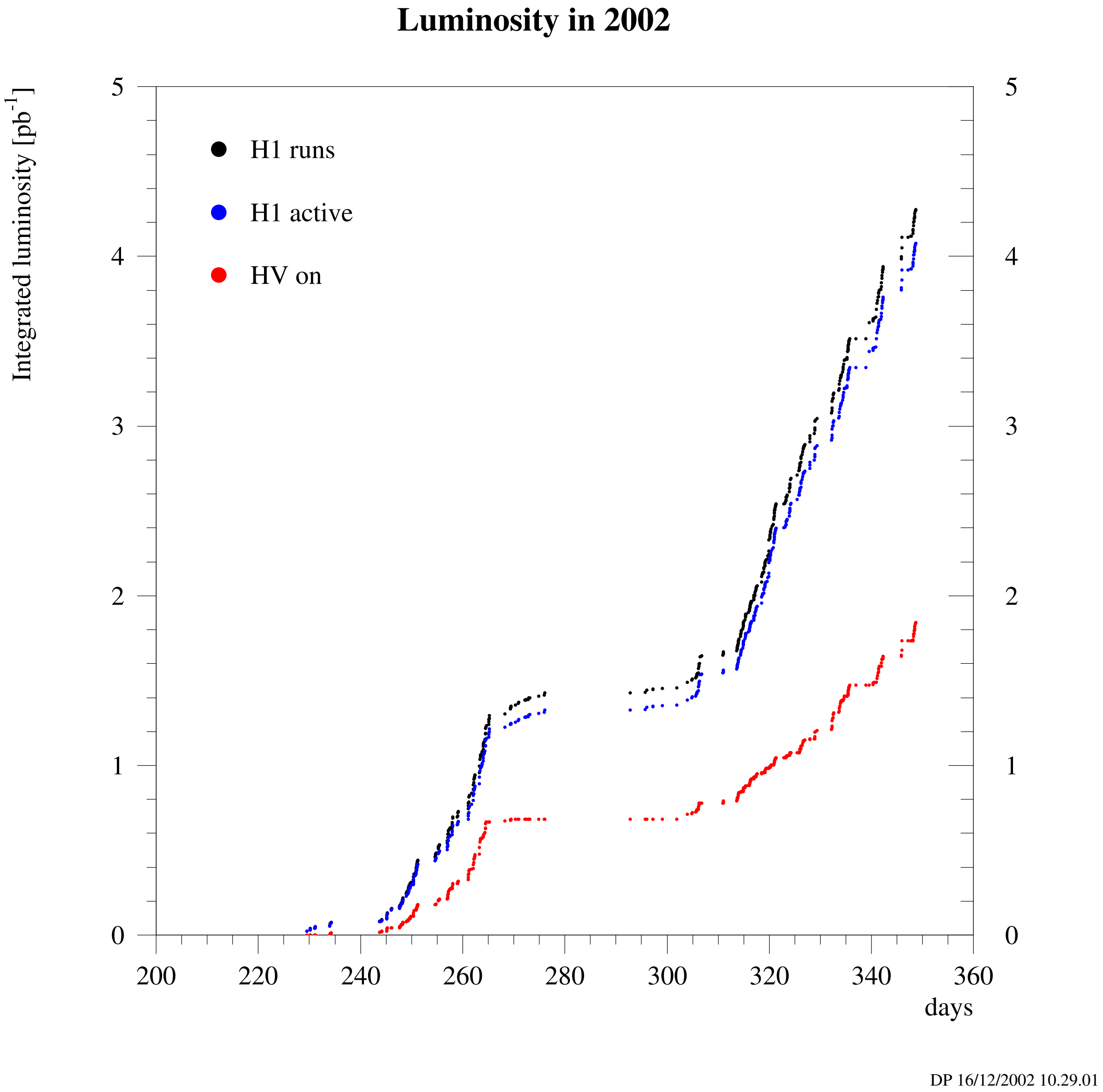

- Significant improvement since early Dec.
- Highest $I_e \cdot I_p = 910\,\mathrm{mA}^2$

# Extrapolation to higher $I_p$




- Conditions from 8.–12.12. extrapolated.

# Recent running




- Since 30.10. HERA delivered about 3.6 pb$^{-1}$.
- H1 on tape: 3.2 pb$^{-1}$ (91%).
- 1.4 pb$^{-1}$ with CJC HV on (43%).

# Summary and requests

- The background decreased significantly in the last 10 days.
- We would like to increase $I_p$ beyond 40 mA for higher lumi and $I_e$ beyond 28 mA for further vacuum conditioning.
- We propose to postpone the installation of a rest gas analyzer at NR 3.6 m and 6 m
- H1 is efficiently taking data with inclusive DIS triggers. The commissioning of the new Forward Trackers is progressing well.
- The VFPS bypass passed the 22 bar pressure test at the manufacturer and arrives at DESY today. The cold test takes place in January.
- The preparation for the CIP repair is expected to be ready by March, despite problems in PCB production quality.