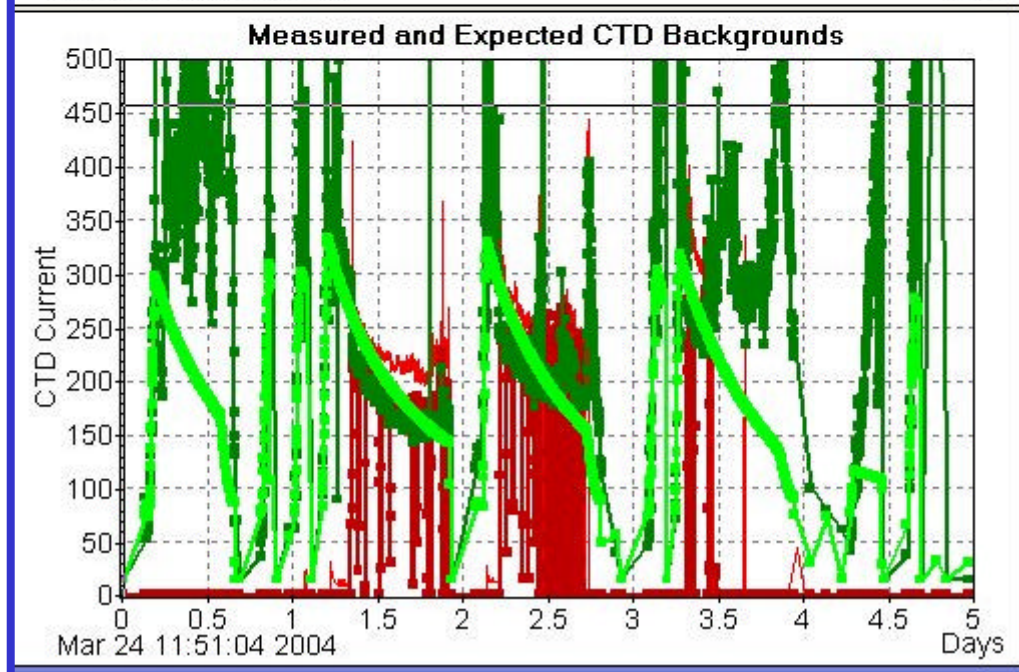


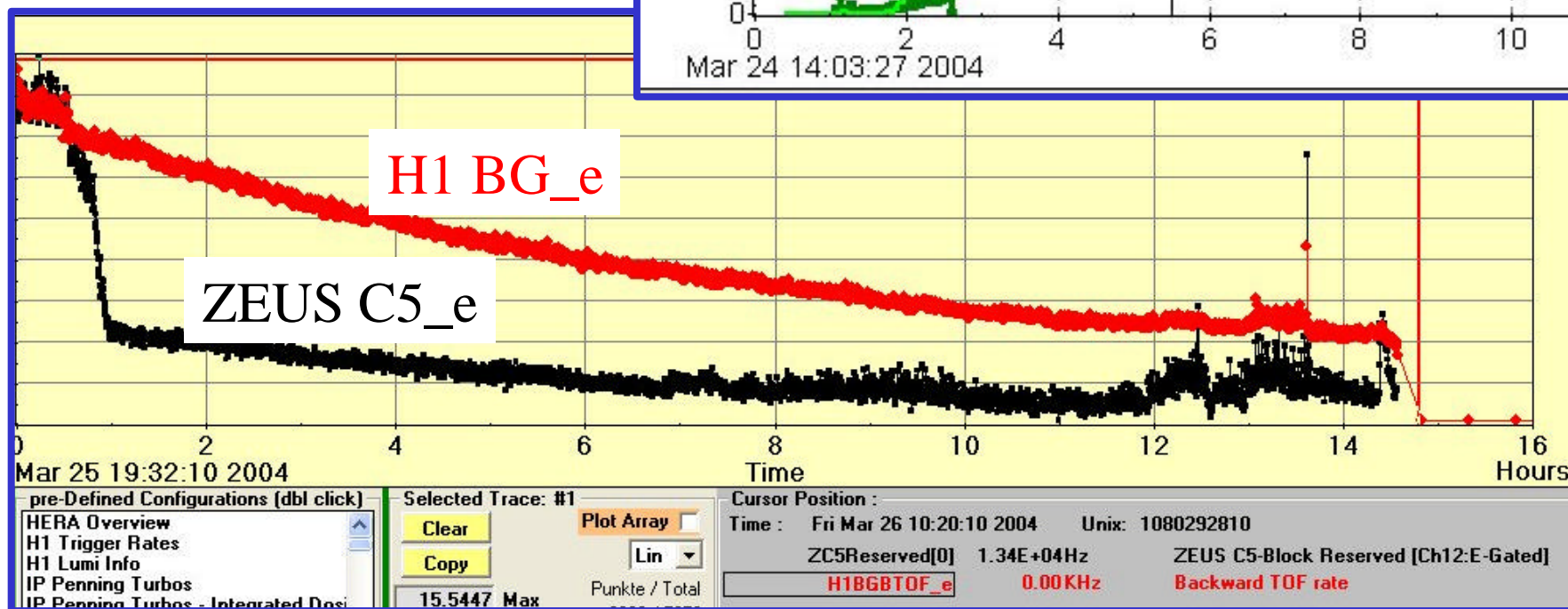
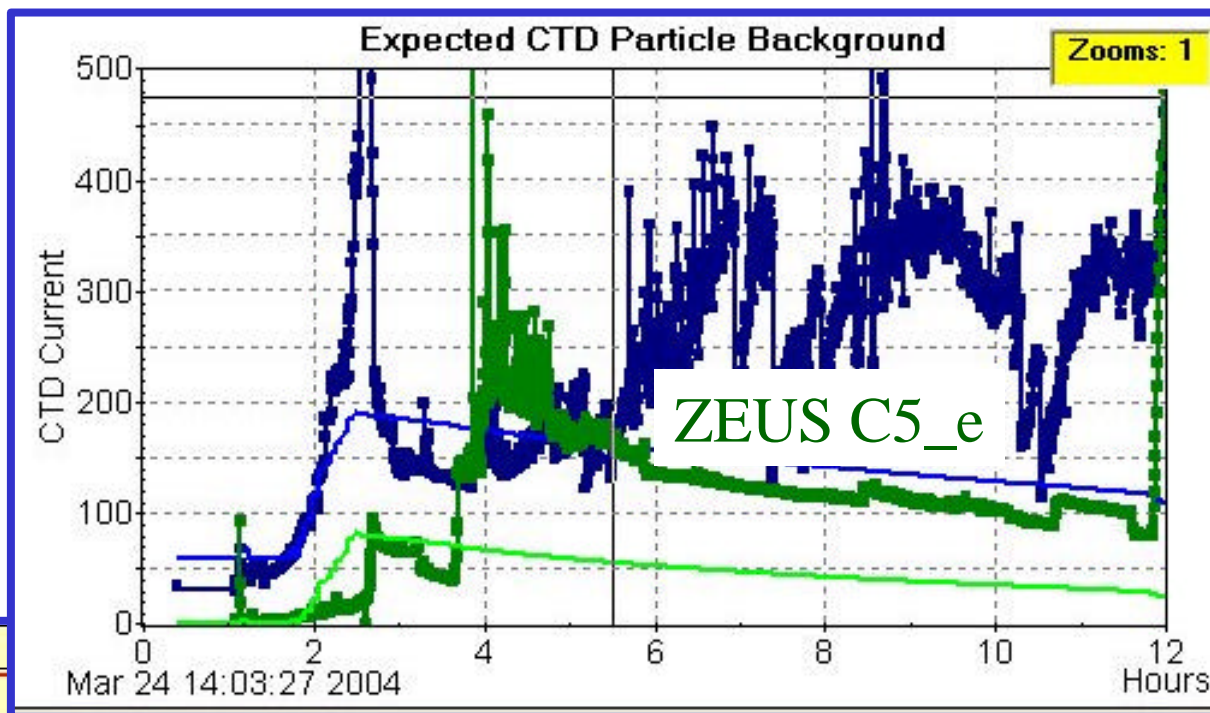
ZEUS

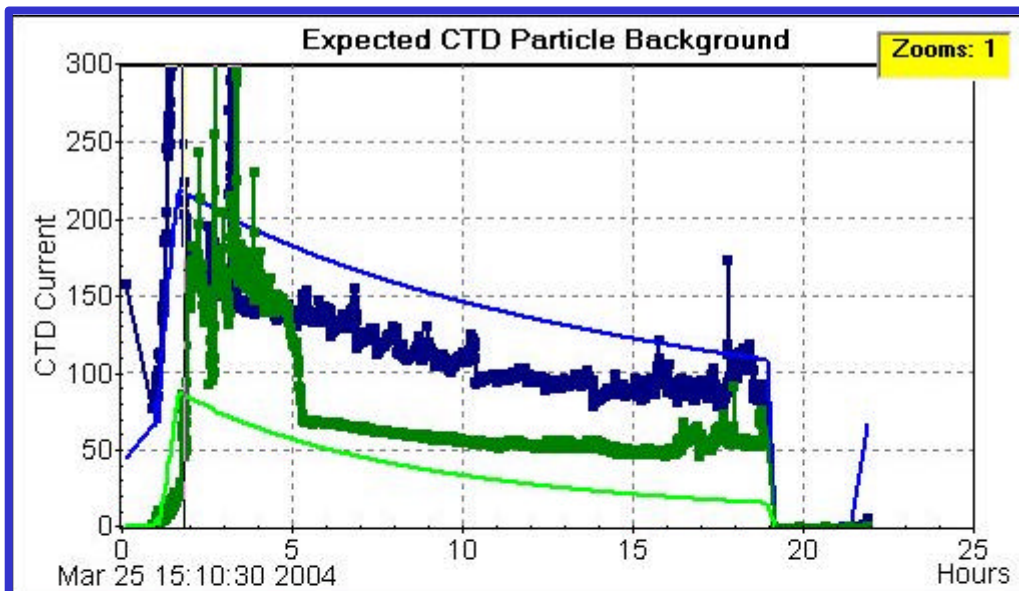
30 Mar 2004



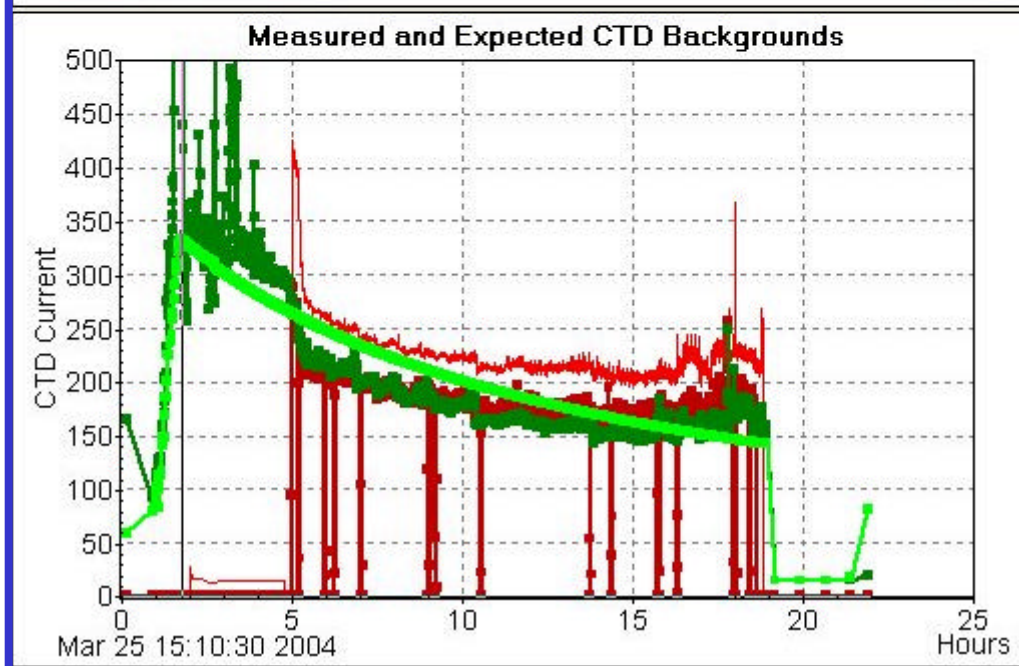
Background from electrons

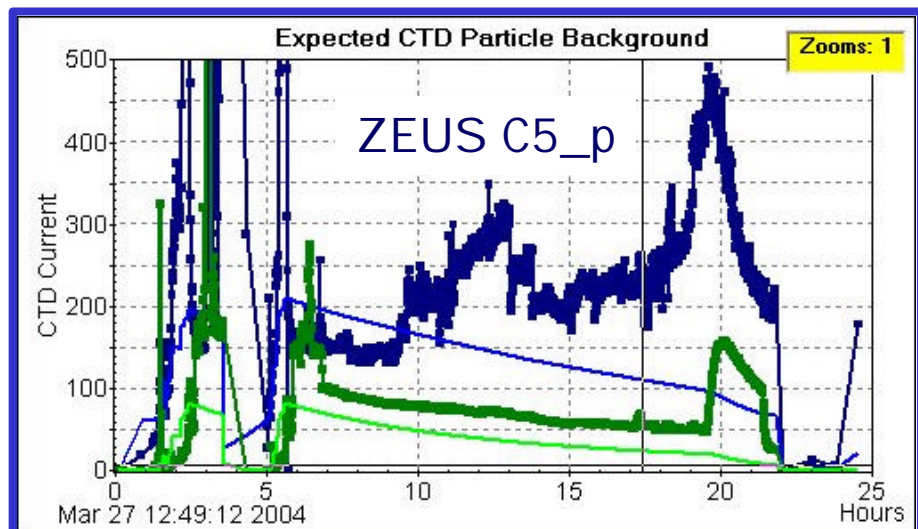
- Only with lumi tune
- Not only at high currents
- Not seen by H1
- First time on Wed aft.





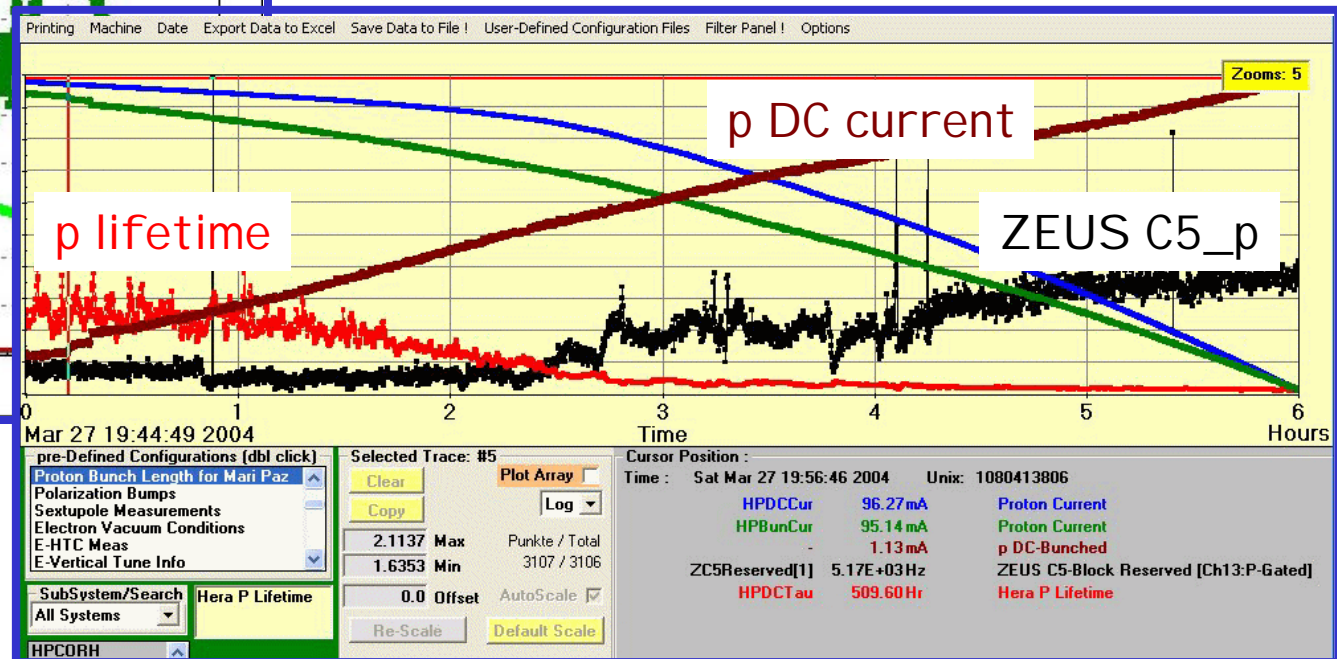
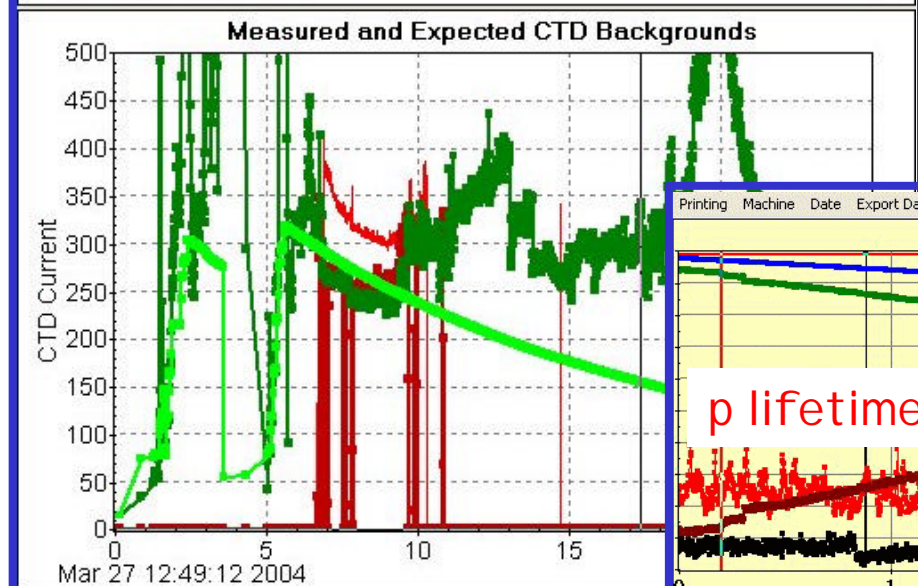
The only good fill, late Thursday, after the cure with e coupling

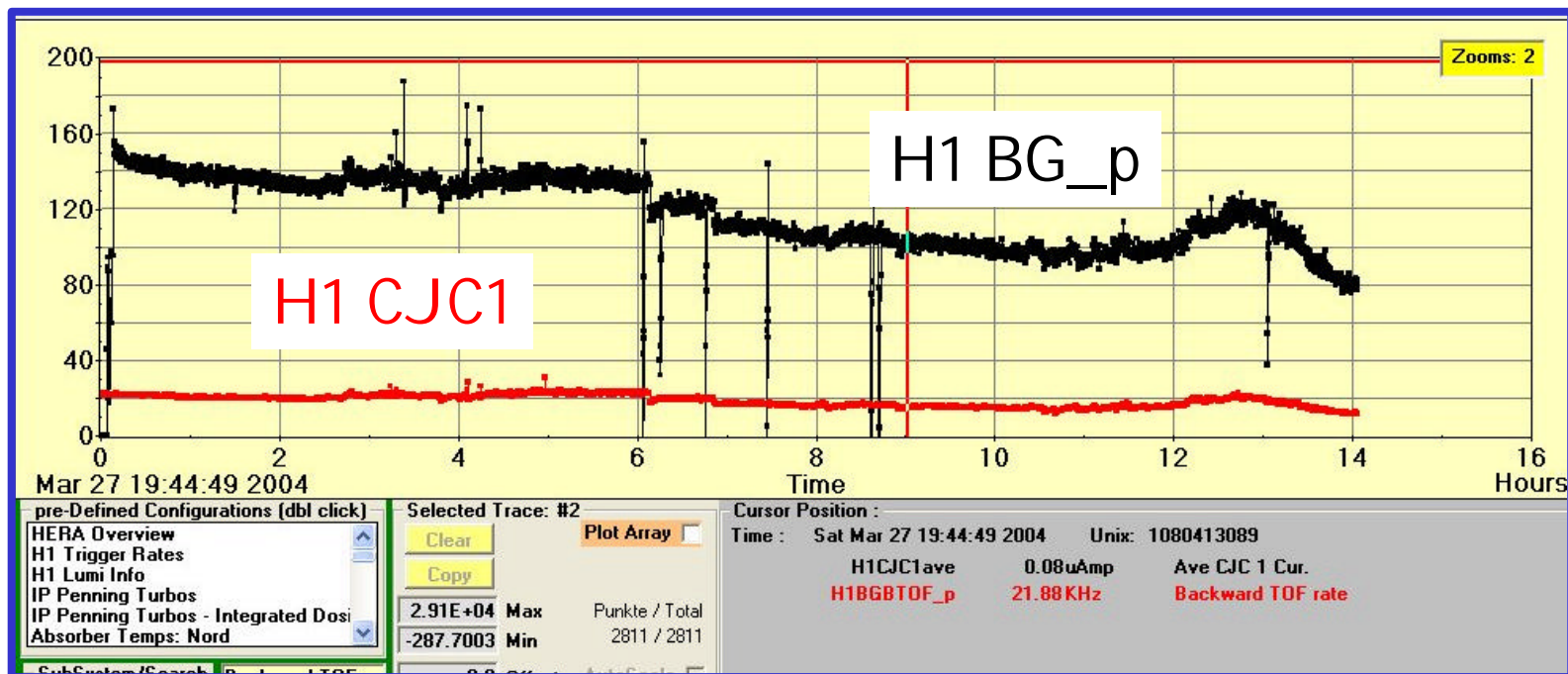
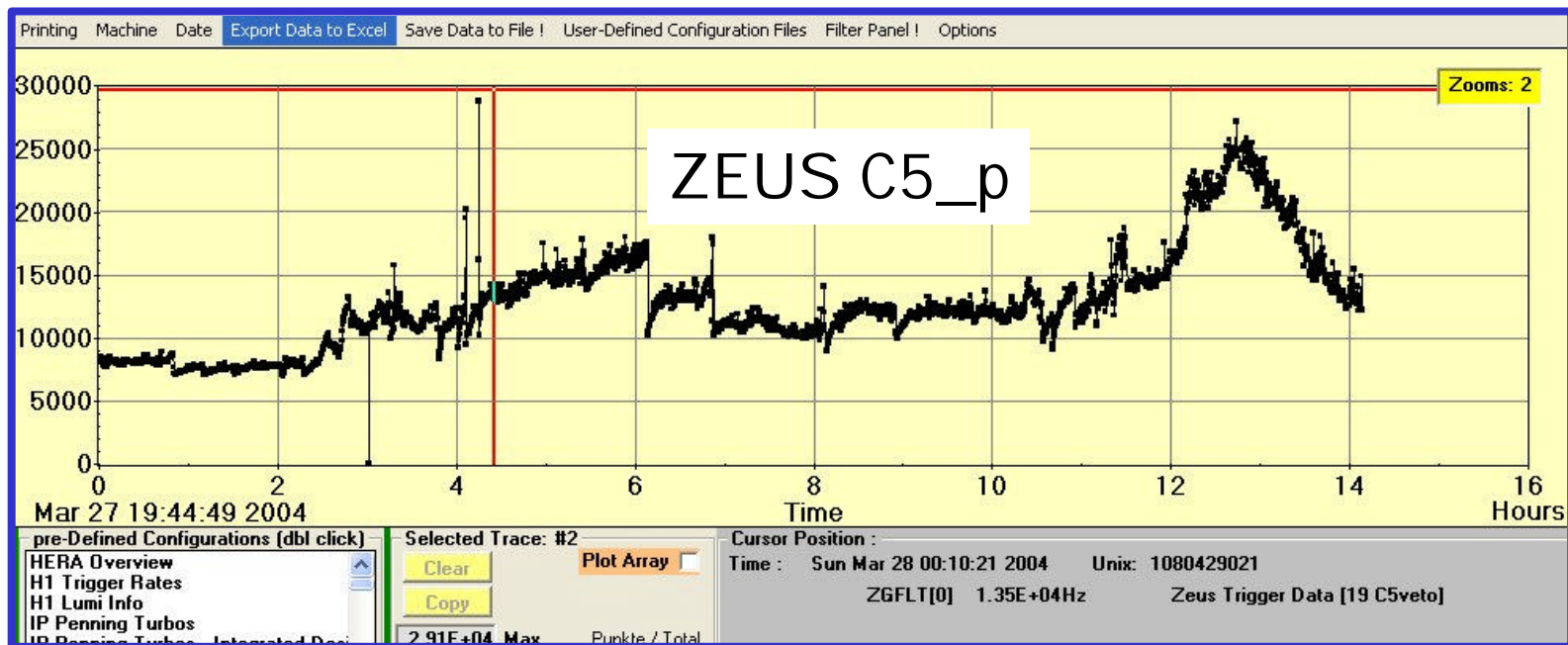


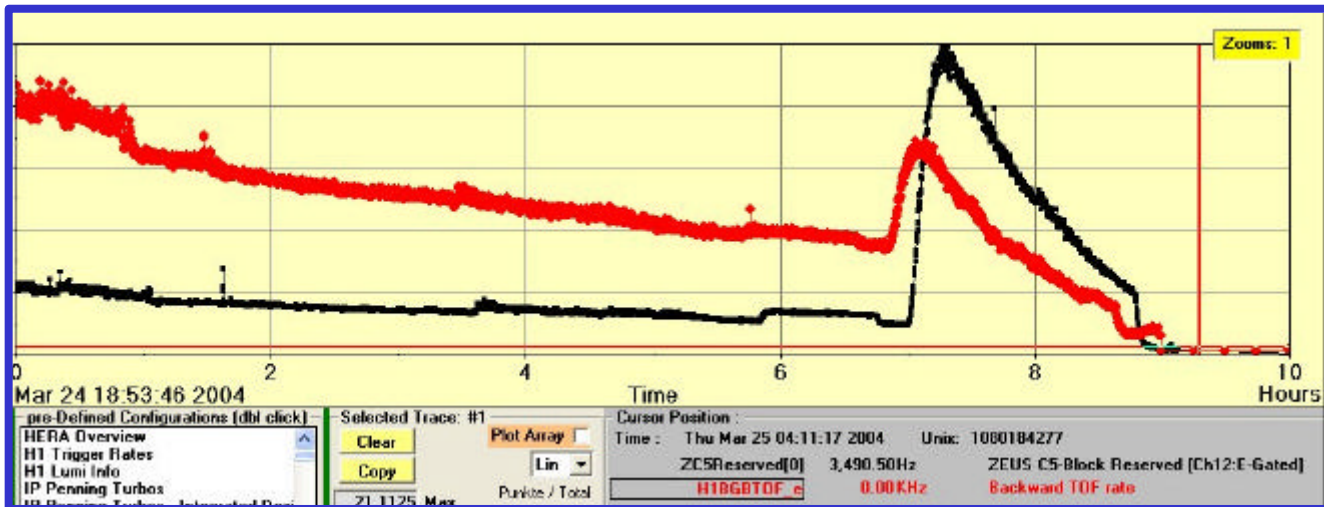
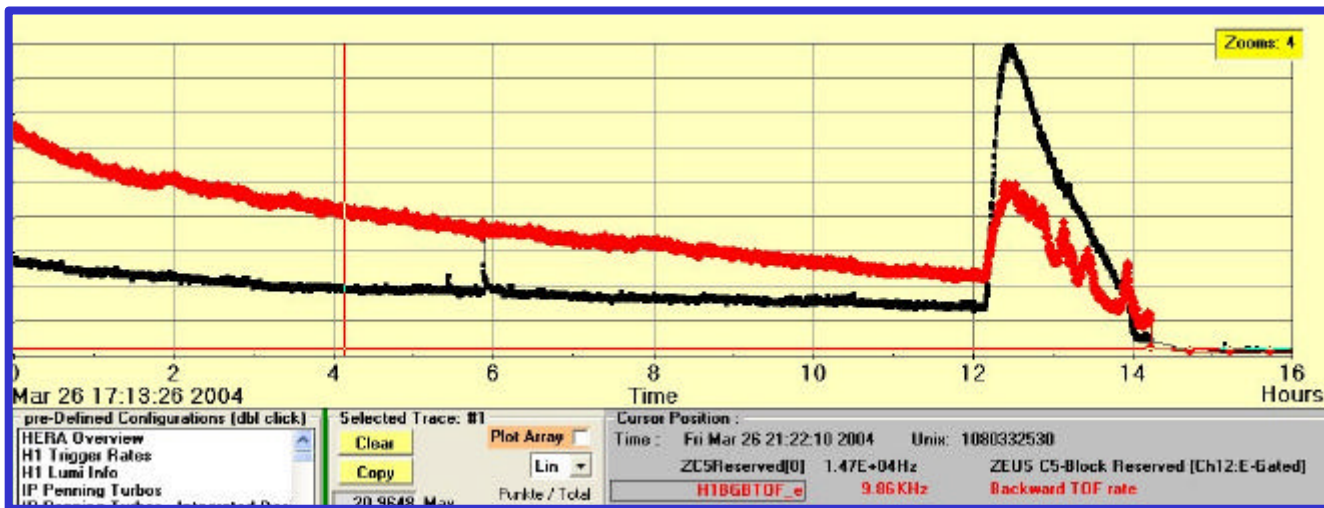


Background from protons

- Fast decrease of the lifetime
- Fast increase of the DC current
- Steps in ZEUS, not clearly correlated with anything







Further problem:

- HERMES high density run \Rightarrow e bkg increases factor 5÷10
- In H1 only factor 2
- Acceptable at the end of fill, **only** if other backgrounds are OK