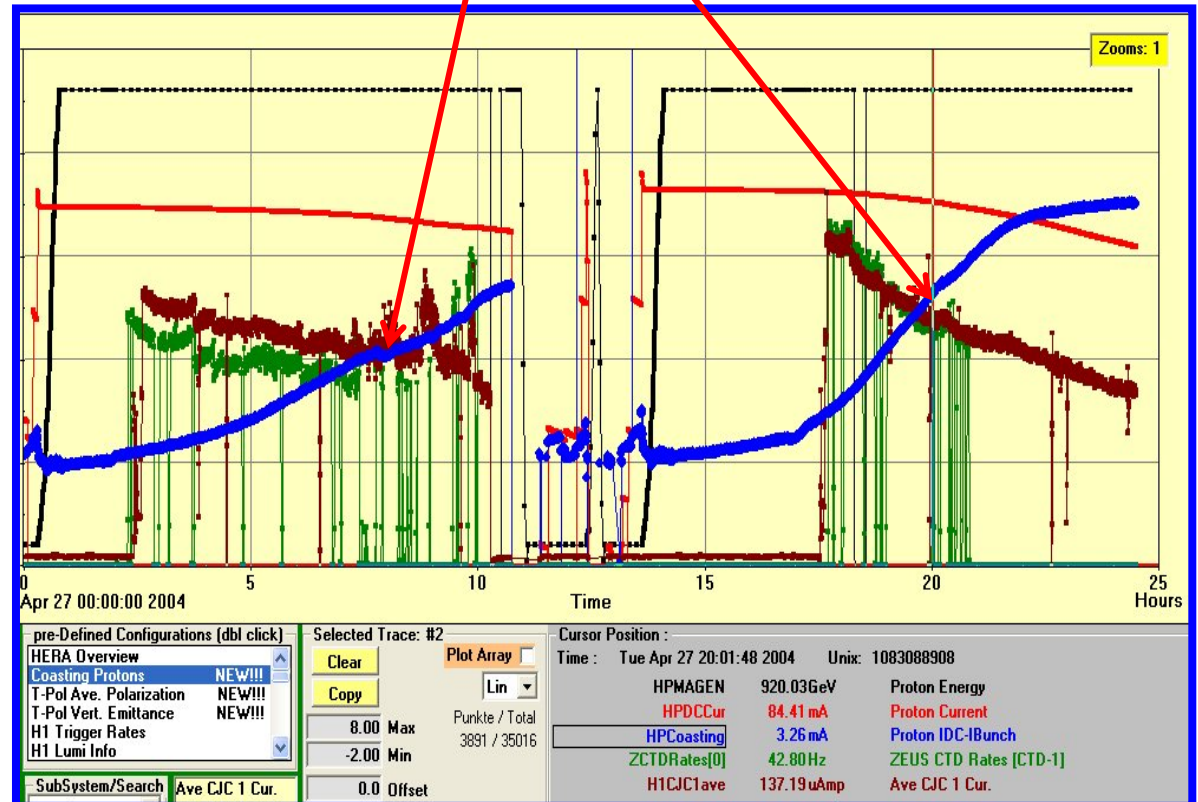
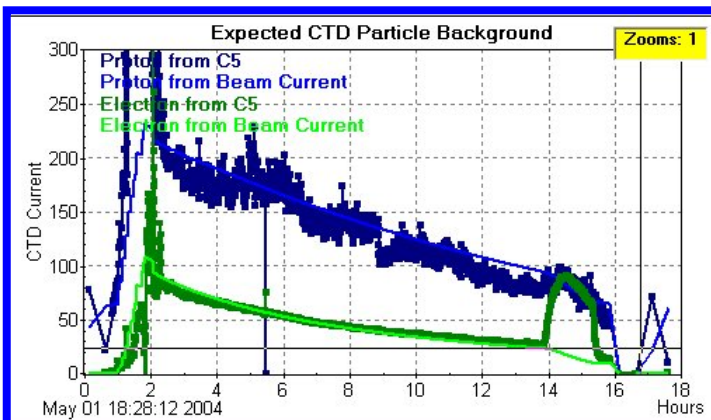


Before increasing CTD thresholds

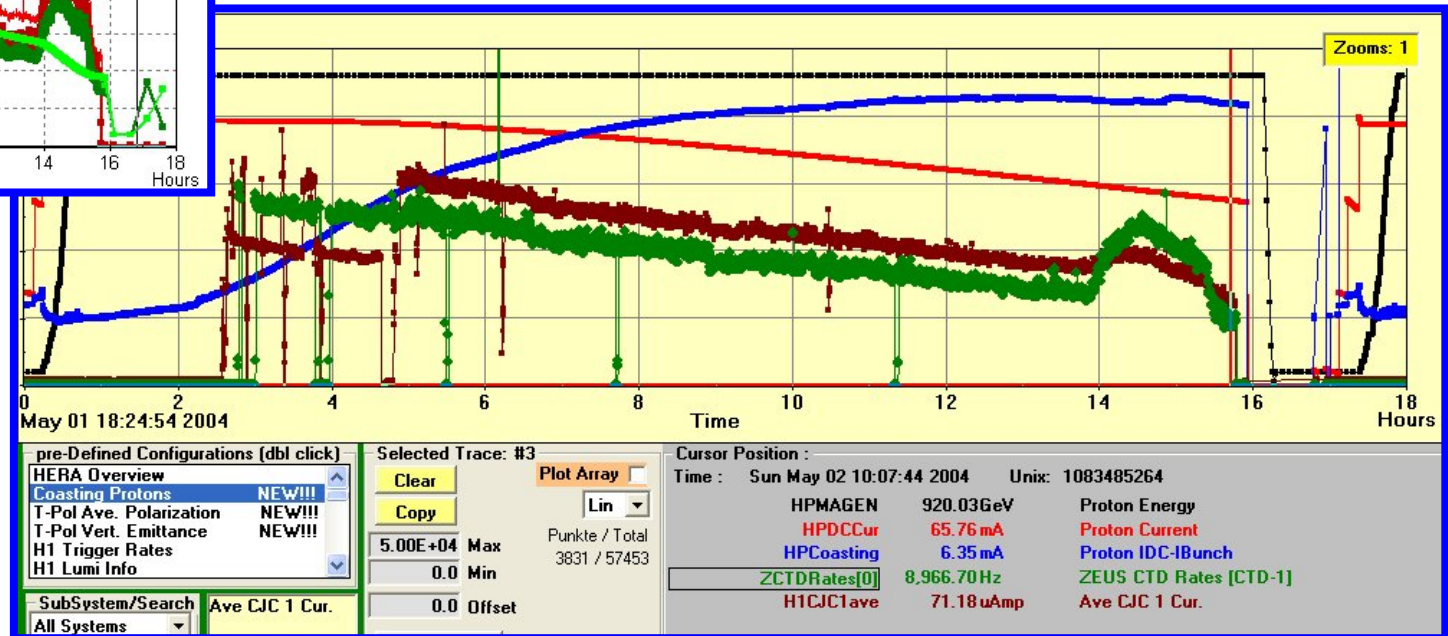
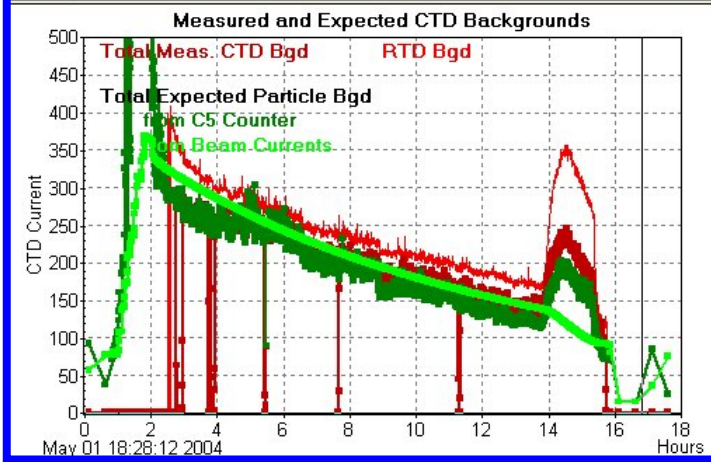
- Conditions are not tolerable when the coasting beam is between 2 and 3 mA

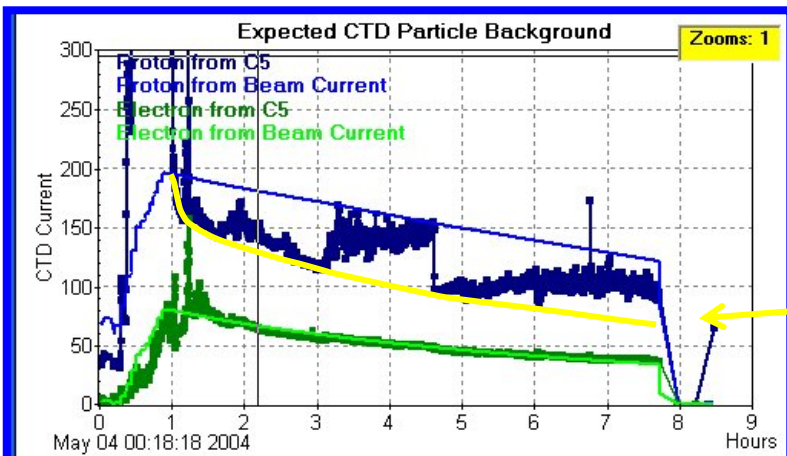




After increasing CTD thresholds

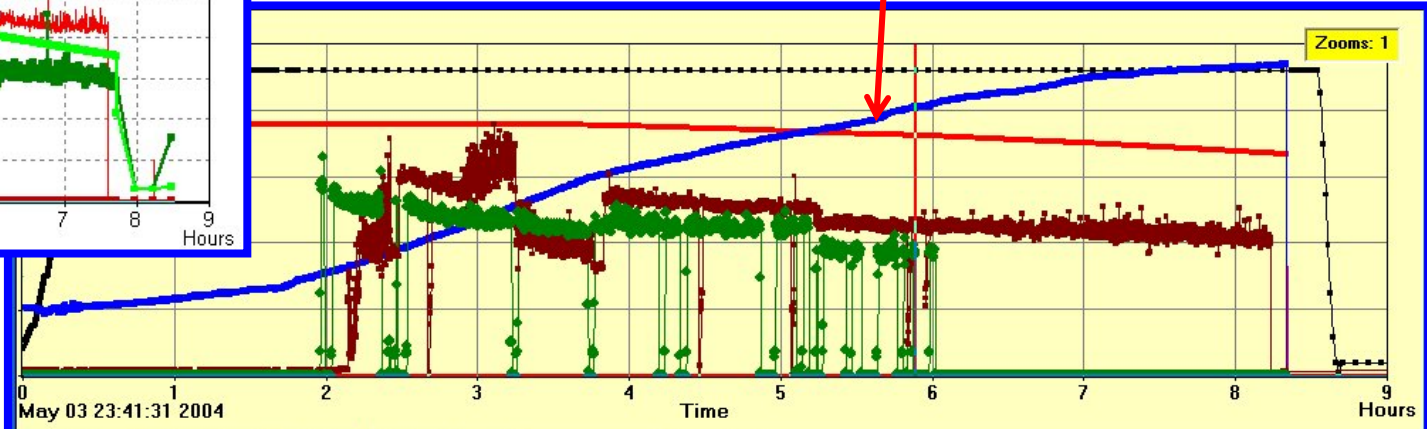
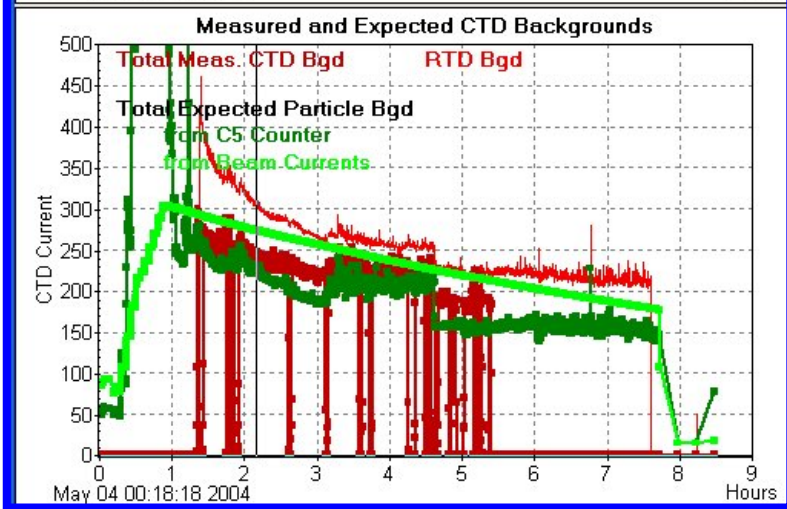
- One good fill (Sat-Sun), coasting beam up to 6 mA
- (Baseline background was not that good)





After increasing CTD thresholds, last night:

- Baseline mostly good.
- ⇒ Sometimes, a large fraction of the p background is not from p-gas
- Conditions bad (spikes) after coasting beam reached 6mA
- ⇒ Doubled the threshold, doubled the tolerance to the coasting beam.



pre-Defined Configurations (dbl click) HERA Overview Coasting Protons NEW!!! T-Pol Ave. Polarization NEW!!! T-Pol Vert. Emittance NEW!!! H1 Trigger Rates H1 Lumi Info		Selected Trace: #3 Clear Copy 5.00E+04 Max 0.0 Min 0.0 Offset	Plot Array Lin Punkte / Total 3697 / 29571	Cursor Position : Time : Tue May 04 05:34:56 2004 Unix: 1083641696 HPMAGEN 920.03GeV Proton Energy HPDCCur 86.79mA Proton Current HPCoasting 6.05mA Proton IDC-1Bunch ZCTDRates[0] 1.85E+04 Hz ZEUS CTD Rates [CTD-1] H1CJ1ave 132.16 uAmp Ave CJC 1 Cur.
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Sometimes scraping (WR33) can help

- But not if the coasting beam production rate is 5 mA/h (Fri-Sa)!

