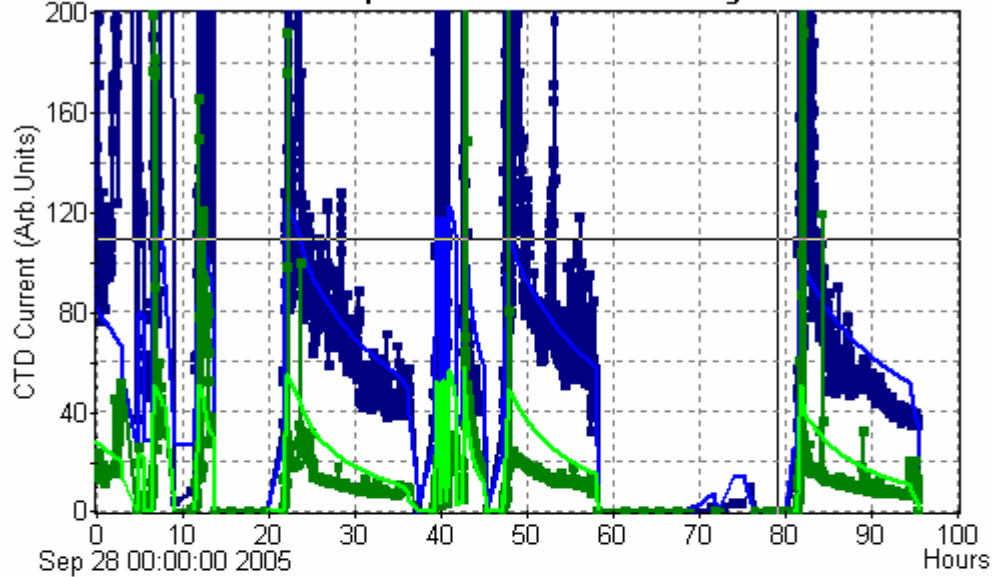
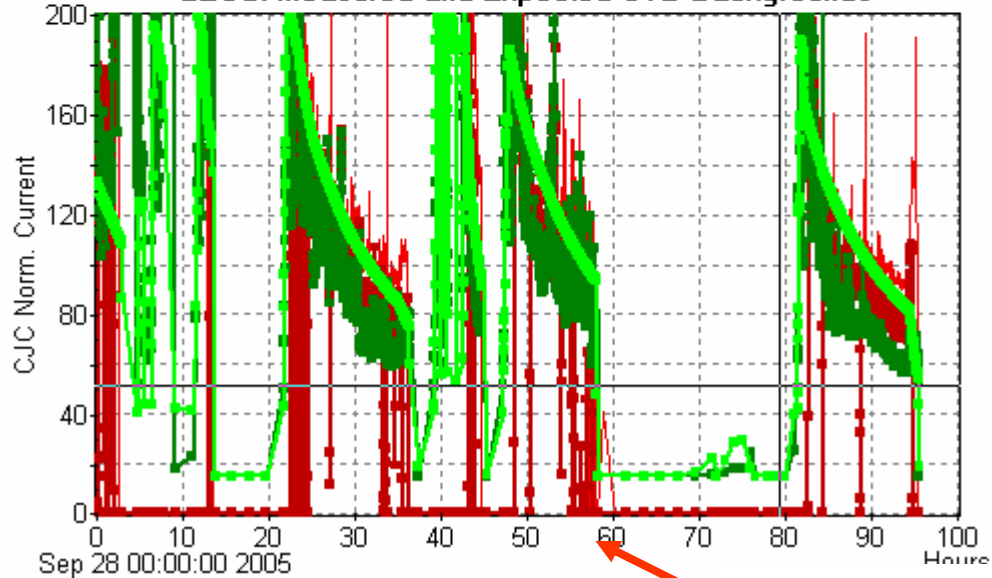


HERA and ZEUS week 39

ZEUS: Expected CTD Particle Background



ZEUS: Measured and Expected CTD Backgrounds

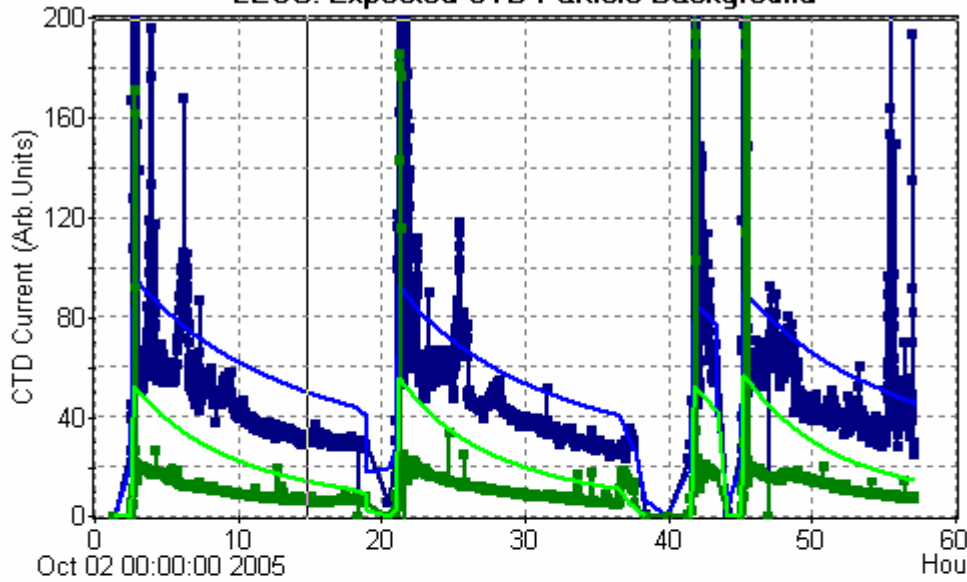


Massive CTD trip

day	gated [nb ⁻¹]	usable [nb ⁻¹]	efficiency
2005-10-03	794.48	923.53	86%
2005-10-02	925.34	1088.00	85%
2005-10-01	605.59	692.20	87%
2005-09-30	507.26	732.90	69%
2005-09-29	710.41	913.36	78%
2005-09-28	168.76	407.31	41%

- Beam condition was
 - spiky at the middle of week 39
 - Good condition during the long weekend
- Efficiency
 - 28 Sep: still recovering from power glitch
 - Otherwise good

ZEUS: Expected CTD Particle Background



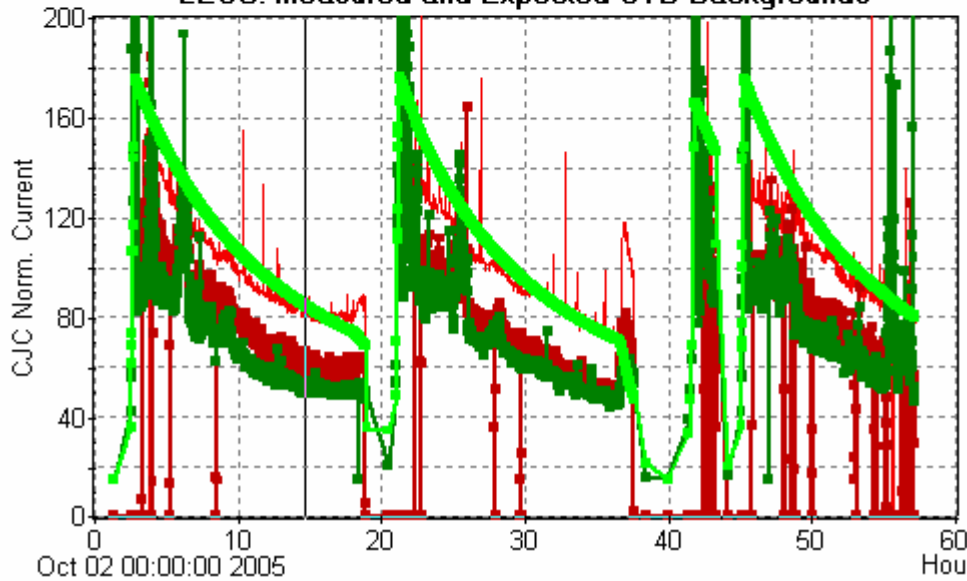
- During weekend: low current, easy data taking

When good condition ...

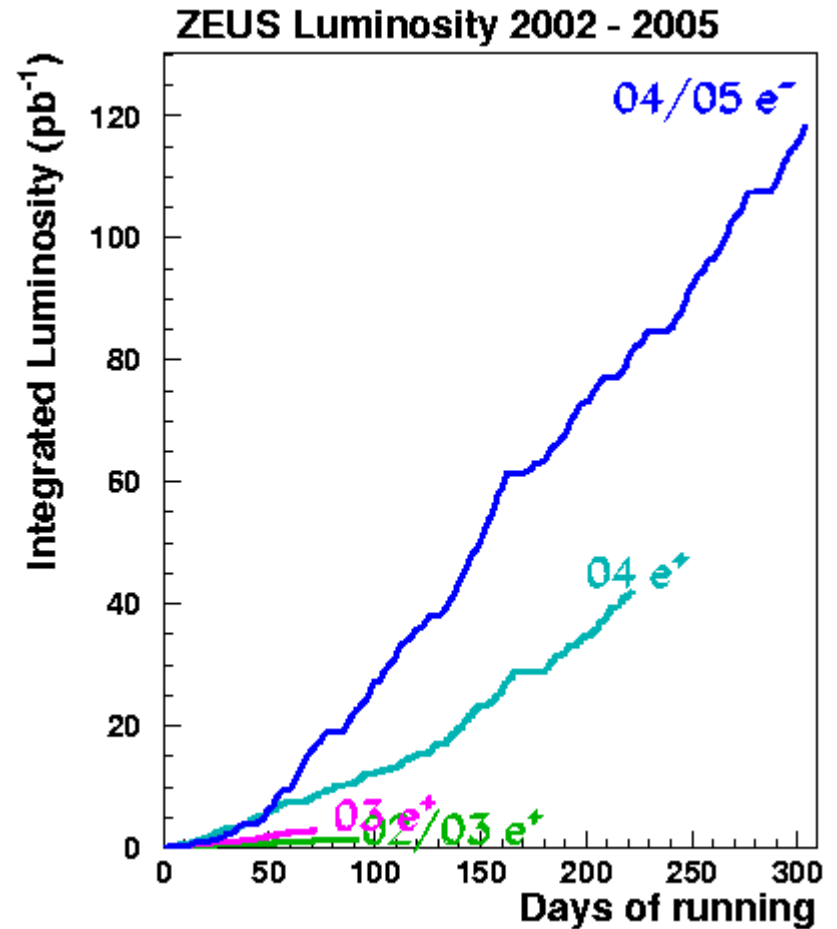
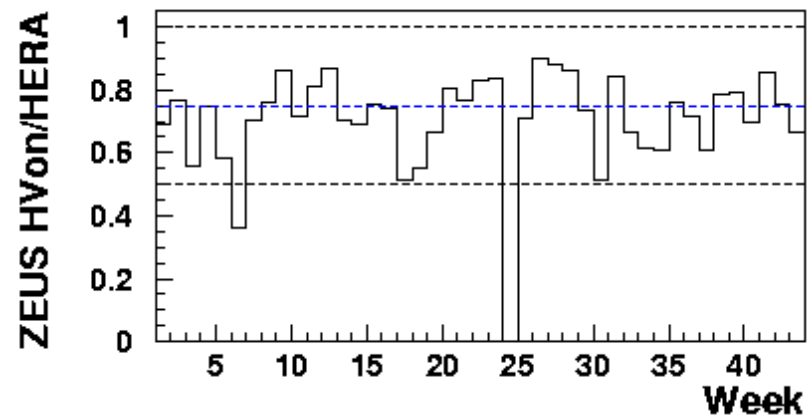
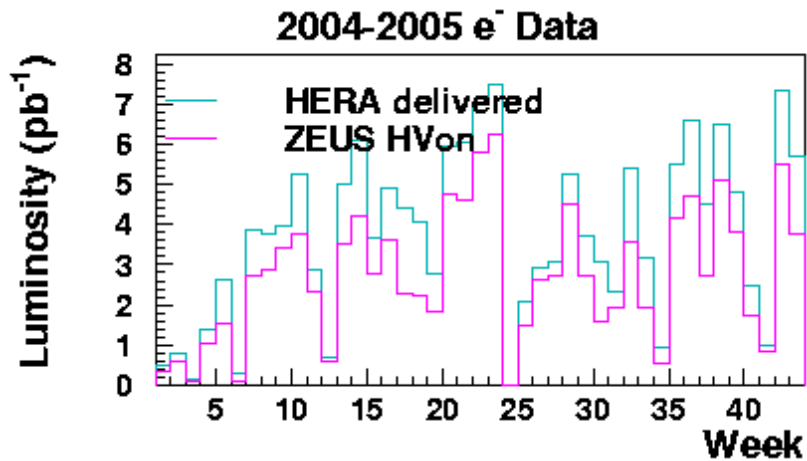
- CTD baseline current is very good: complete recovery from the flange exchange

Sometimes trips

ZEUS: Measured and Expected CTD Backgrounds



day	gated [nb^{-1}]	usable [nb^{-1}]	efficiency
2005-10-03	794.48	923.53	86% █
2005-10-02	925.34	1088.00	85% █
2005-10-01	605.59	692.20	87% █
2005-09-30	507.26	732.90	69% █
2005-09-29	710.41	913.36	78% █
2005-09-28	168.76	407.31	41% █



- 4 weeks, hoping for $\sim 30\text{pb}^{-1}$