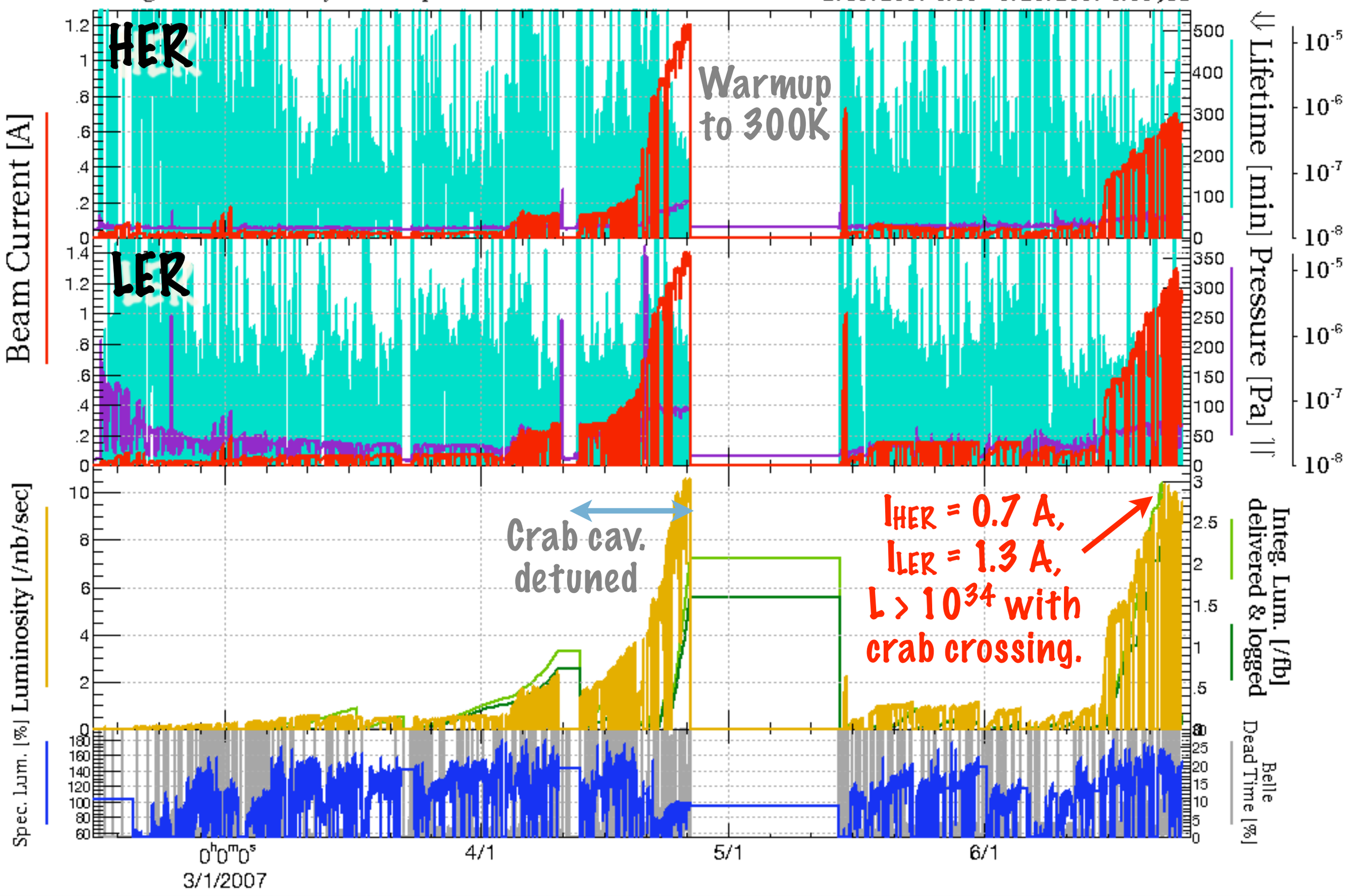
PDFs of the shift reports are available at

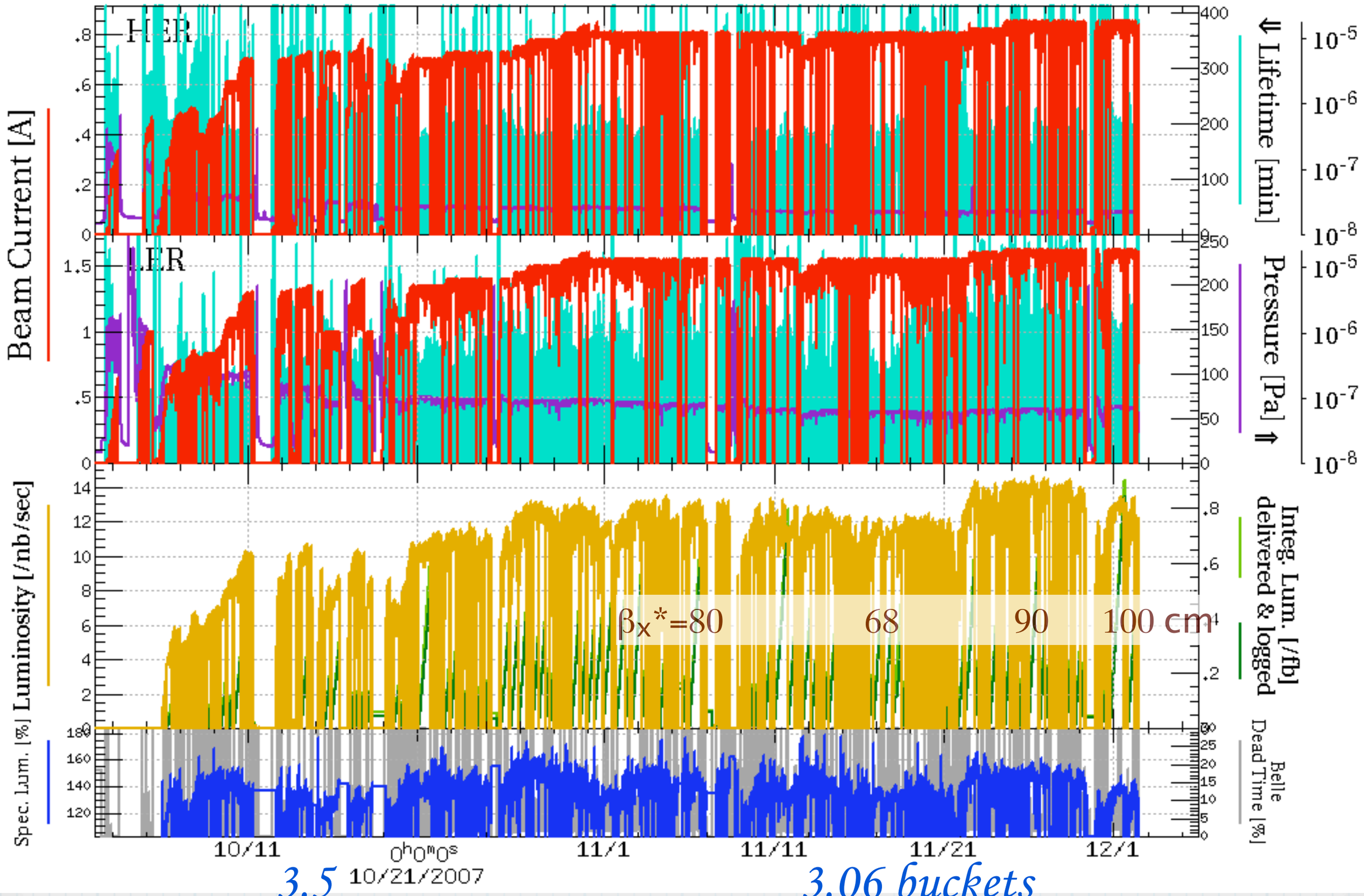
http://oide-p73.kek.jp/Oide/

Feb - June 2007



Oct. - Dec. 2007

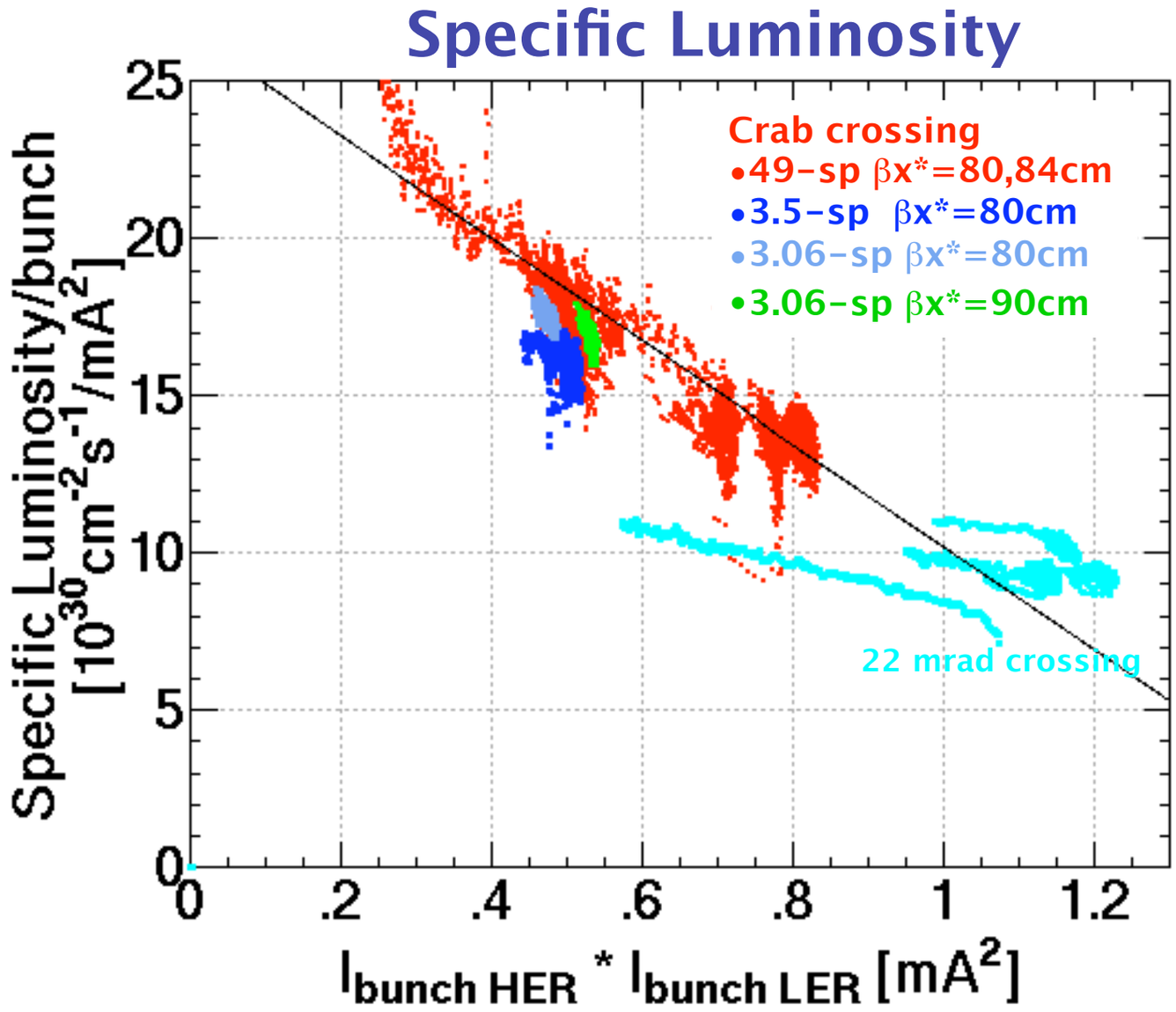
Peak: 14.7 /nb/s



3.5

3.06 buckets

What is this curve?



Limited by lifetime?

- If yes, no problem by the true simultaneous injection of e+/e-, which can be done in Oct. 2008.
- Short lifetime test can be tried even now.

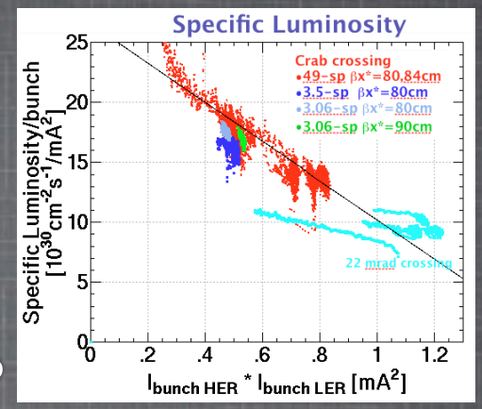
Limited by e-cloud?

- If yes, no problem after upgrade.
- try long bunch space again.

Limited by something else?

- B by b orbit difference?
- Synchrotron-betatron resonance: needs more time to develop better choice of sexts.

MYSTERIES



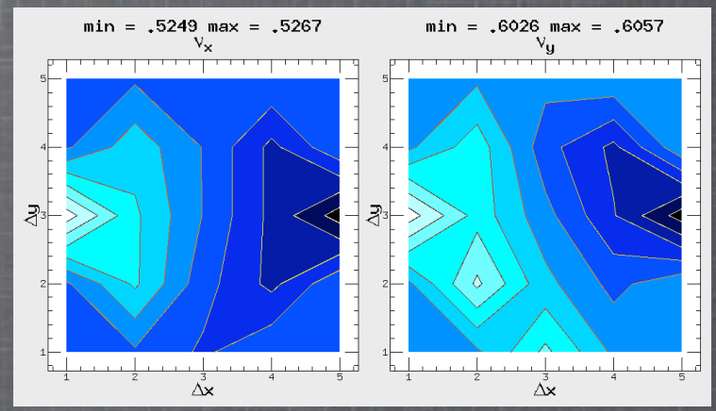
1.The steep drop of the specific luminosity.

2. What limits the lifetime? Where and how is the beam lost?

3. Why 3.06 is better than 3.5 buckets? What about the e-cloud?

4. Why do we need such big knobs at the IP?

5. Asymmetry in the beam-beam scan: Funakoshi, Iida



6. Bunch-by-bunch orbit difference: Ieiri

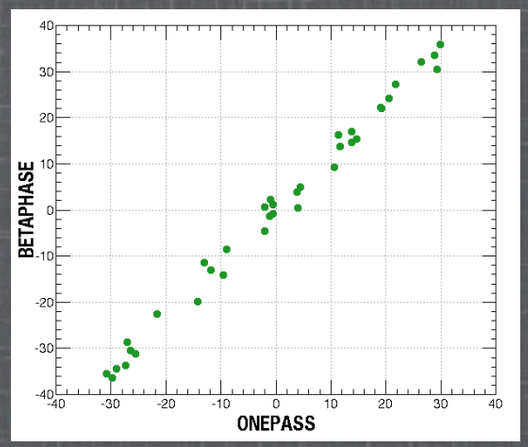
7. Tune shift due to horizontal closed orbit change: Masuzawa, Koiso

8. Single beam vertical emittance is not better than 1%: Koiso, Iida

9. Discrepancy in the chromatic behavior of the optics: Koiso

10. Gain and noise of the LER bunch by bunch feedback affects the luminosity: Funakoshi, Tobiyama

11. Difference between one-pass and measopt: Ohnishi



and more ....