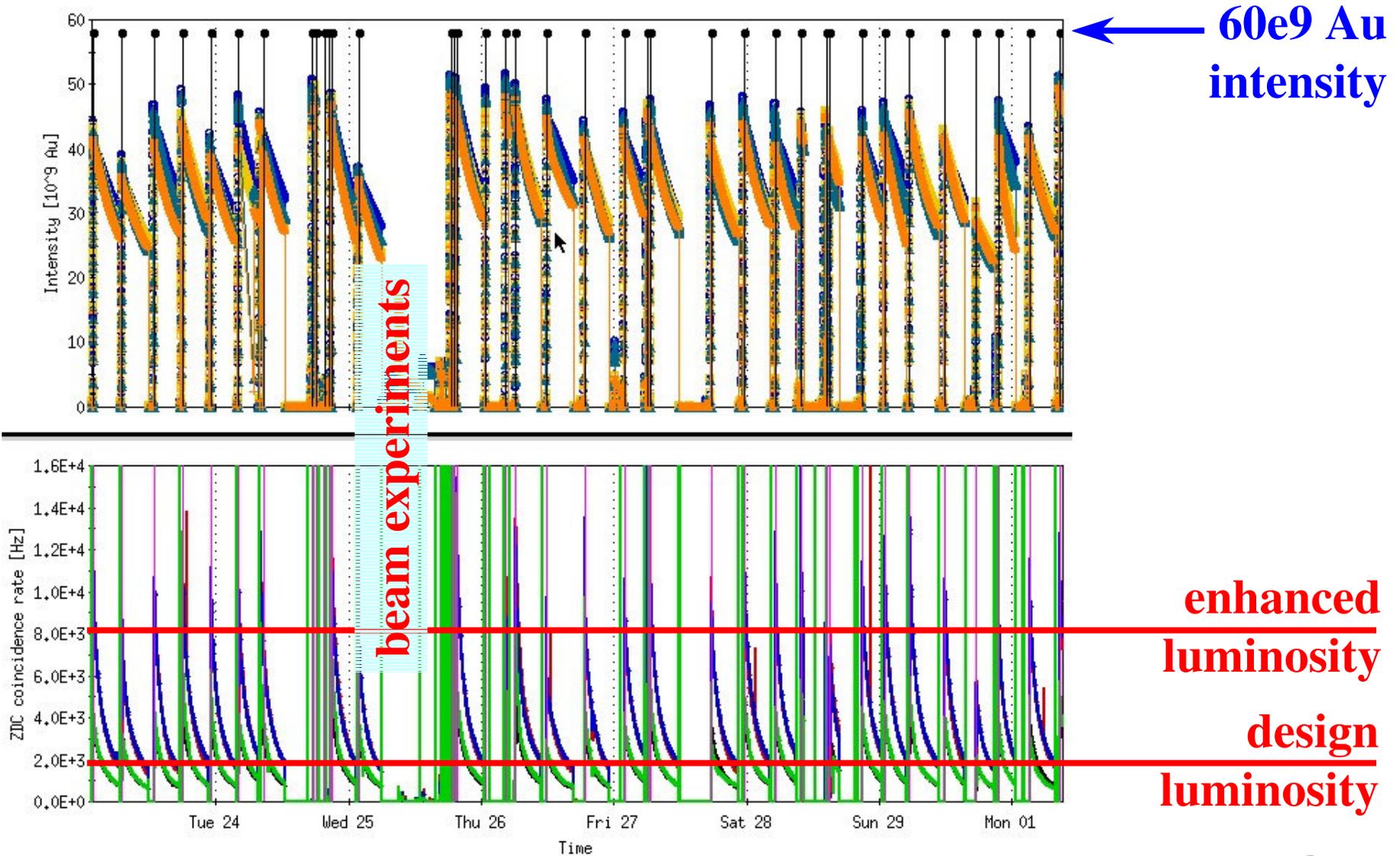


Problems last week:

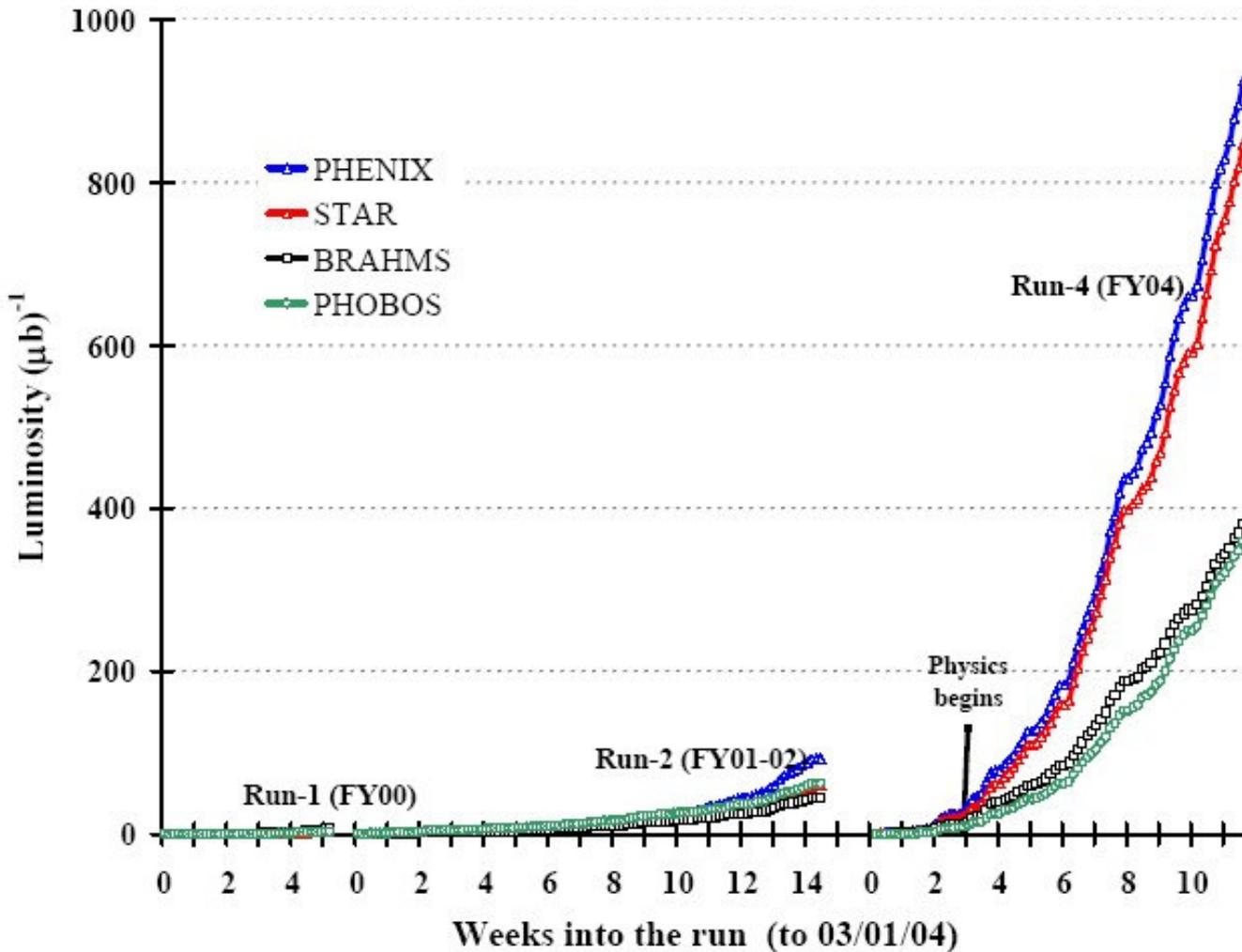
- PHOBOS background
- FEC chassis replacement
- AGS main magnet fault
- Blue abort kicker pre-fire
- Trim quadrupole buffer card failure
- Collimator control (FEC)
- Low bunch intensity
→ Adjust bunch number store-by-store

Stores during last week, Monday to Monday



Delivered 924 (μb)⁻¹ to Phenix [week ago : 766]
158 (μb)⁻¹ last week [best week: 153]

As of 02/29/04 24:00
Star $\times 0.9$
Phobos $\times 0.3$
Brahms $\times 0.4$



← maximum projection
← physics target
← minimum projection

Some statistics (week 23-Feb to 29-Feb), no maintenance

- No of stores : 24
Time in store : 103hrs (61% of calendar time)
- Average store time : 4.3hrs
- Av. store-to-store time : 2.4hrs (ex beam exp. & maintenance)
Rms store-to-store time: 2.1hrs
- Optimum store length : 2.7hrs (for zero detector turn-on time)

Low energy run

- Total beam energy 31.4GeV/u

	Brahms	IP4	Star	Phenix	Phobos	IP12
Injection			———— 10 m ————			
Transition			———— 5 m ————			
Store	5 m	5 m	3 m	3 m	5 m	5 m

- Luminosity lifetime likely to be reduced (β^* , IBS)
- Ramp test without beam possibly today ~5pm,
Ramp tests with beam could start next week
- Probably 2-3 days of set-up needed
- Phased-in development preferred
(more time to respond to problems, need to save long weekends)