

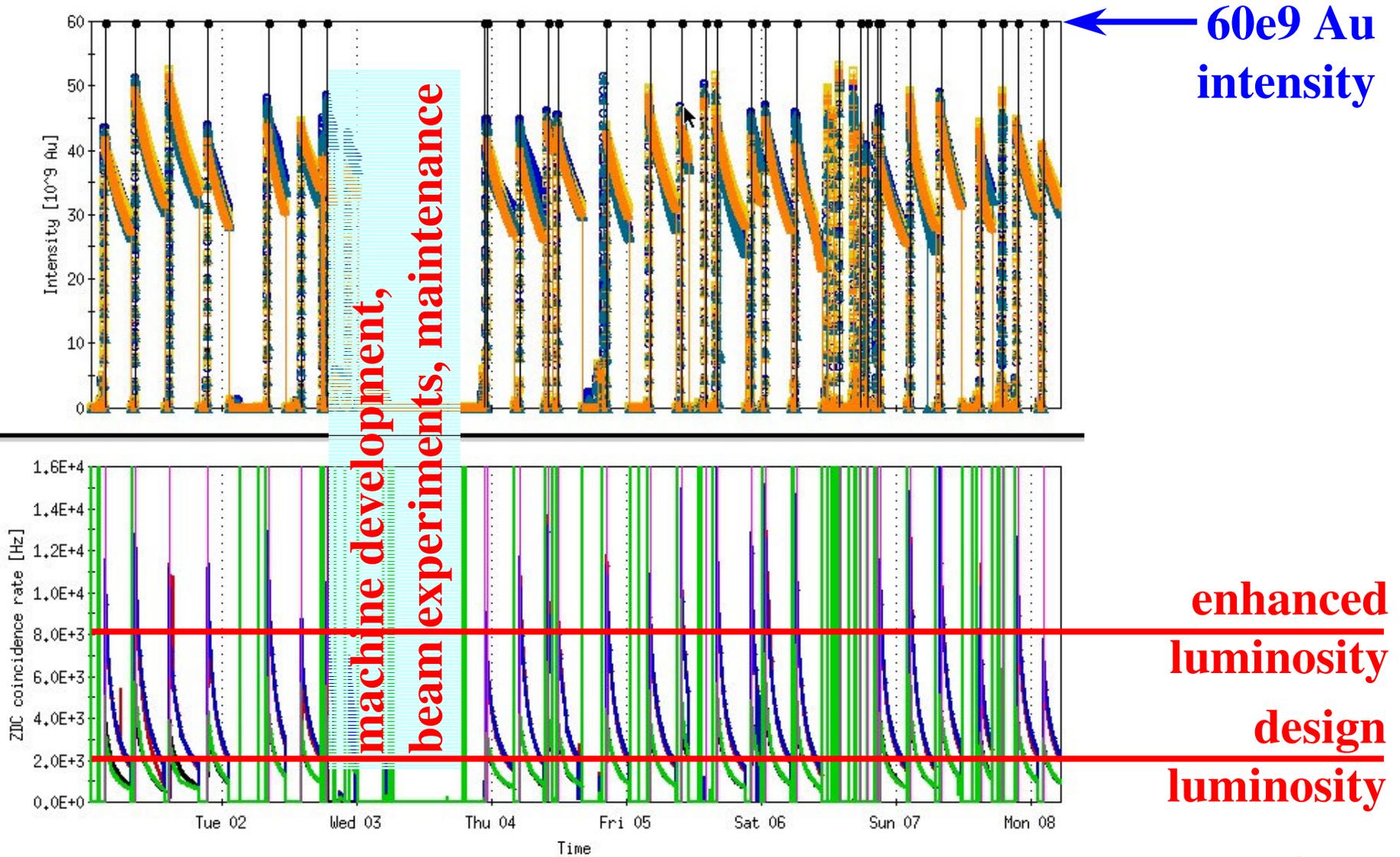
## Progress last week:

- **Had delivered 1000  $\mu\text{b}^{-1}$  to PHENIX last Friday (10 $\times$  Run-1+Run-2)**
- **Bunch merge demonstrated (6x6 ramp in RHIC)**  
need more time to tune Booster/AGS (M. Brennan, K. Zeno, ...)
- **Successful low energy test ramp without beam**  
(J. van Zeijts, A. Marusic, G. Ganetis)
- **$\beta^*=90\text{cm}$  at PHENIX demonstrated in Beam Experiments**  
20cm dispersion wave in arcs (W. Wittmer, F. Pilat, J. van Zeijts)
- **Relatively smooth recovery from maintenance**
- **Automatic WCM pictures**

## Problems last week:

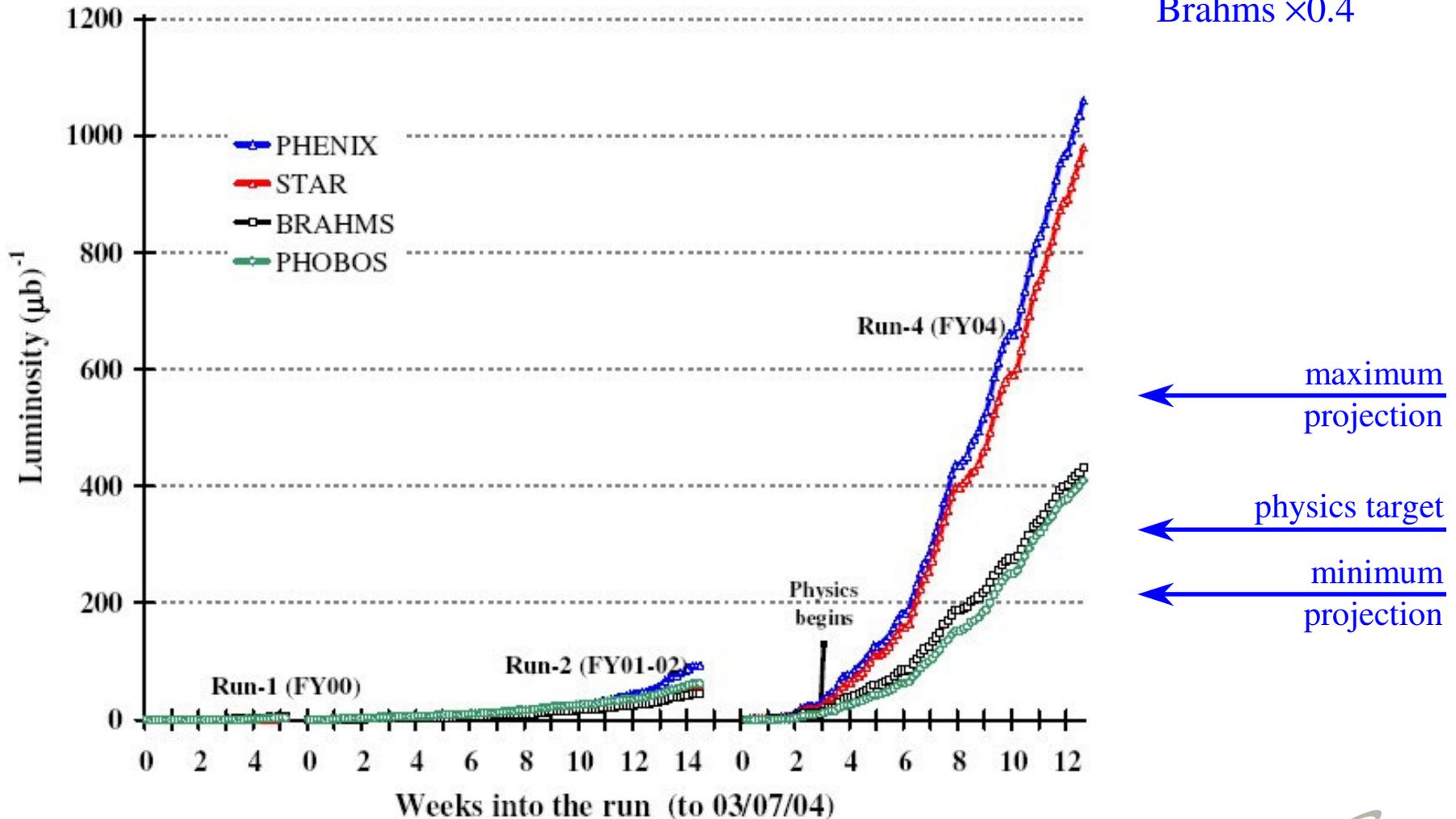
- **Tandem sparks**
- **Lost a number of ramps**  
(collimators in wrong position, STAR magnet at wrong value)
- **Magnet trips, controls problems**
- **Experimental magnets (STAR, PHOBOS)**

Stores during last week, Monday to Monday



Delivered  $1060 (\mu\text{b})^{-1}$  to Phenix [week ago : 924]  
 135  $(\mu\text{b})^{-1}$  last week [best week: 158]

As of 03/07/04 24:00  
 Star  $\times 0.9$   
 Phobos  $\times 0.3$   
 Brahms  $\times 0.4$



## Some statistics (week 1-Mar to 7-Mar), maintenance week

- No of stores : 22  
Time in store : 82hrs (49% of calendar time)
- Average store time : 3.7hrs
- Av. store-to-store time : 3.7hrs (ex beam exp. & maintenance)  
Rms store-to-store time: 2.5hrs
- Optimum store length : 2.9hrs (for zero detector turn-on time)