
PHOBOS

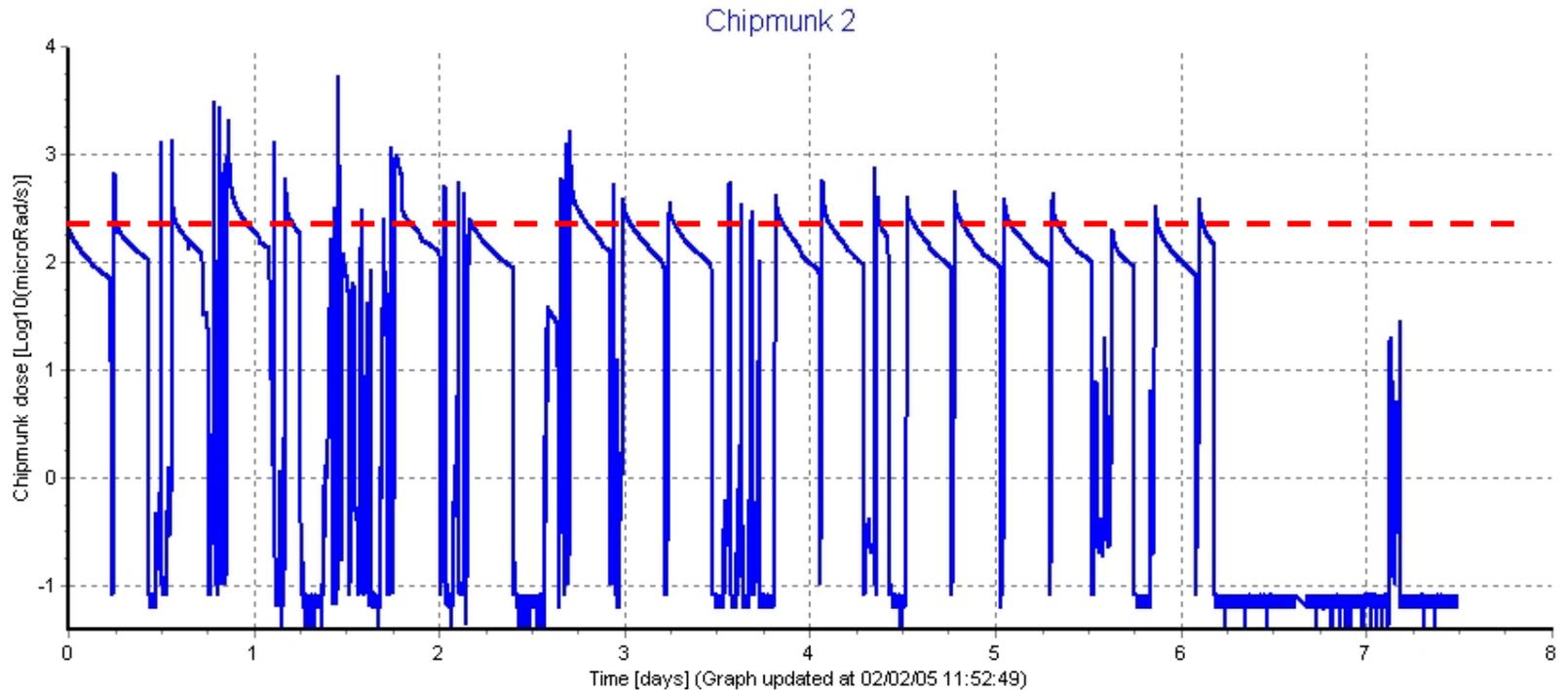
Run 5 "Progress"

Peter Steinberg
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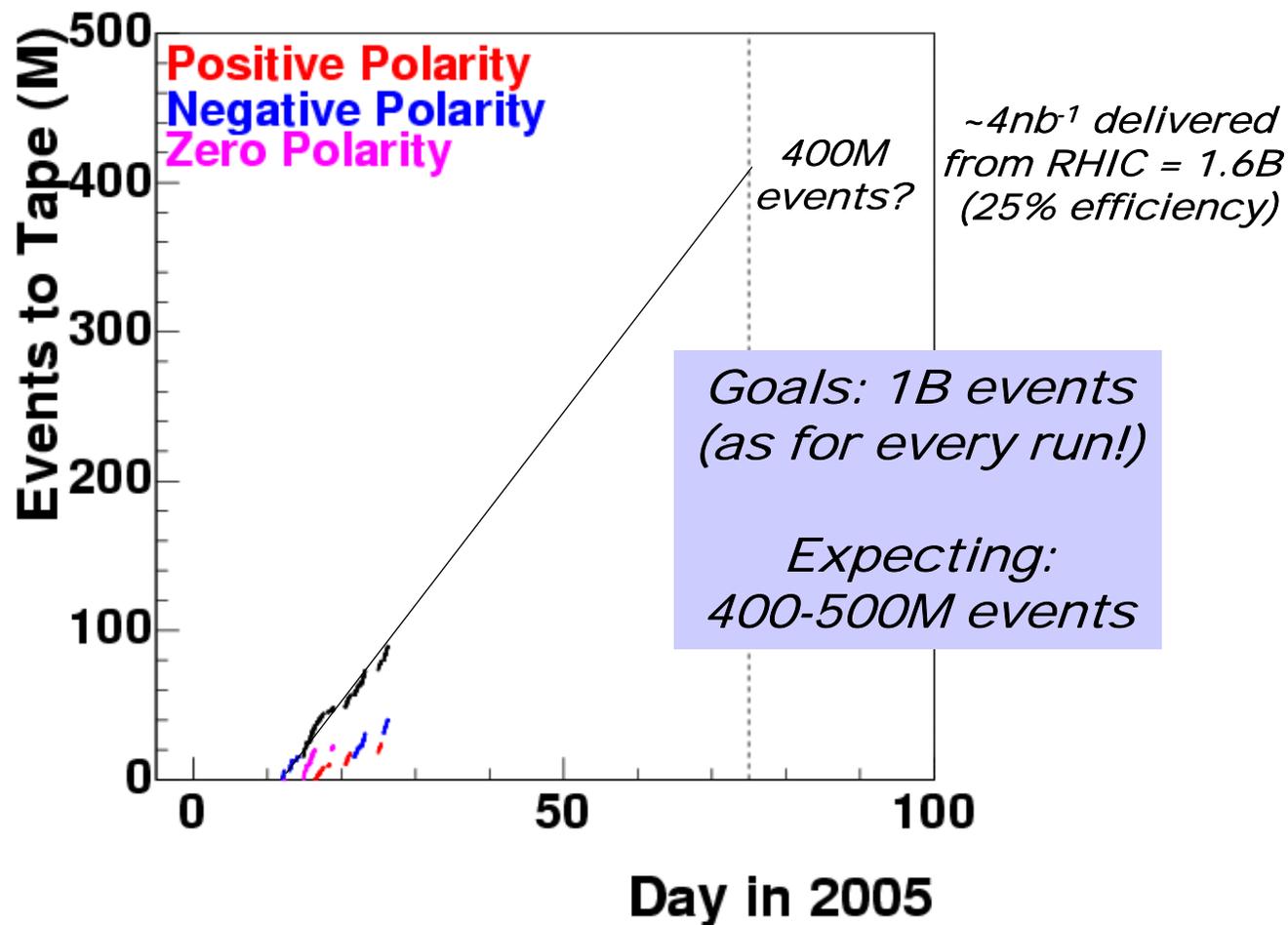
February 2, 2005

This Week in Chipmunk 2

- One breakdown - no major loss of data

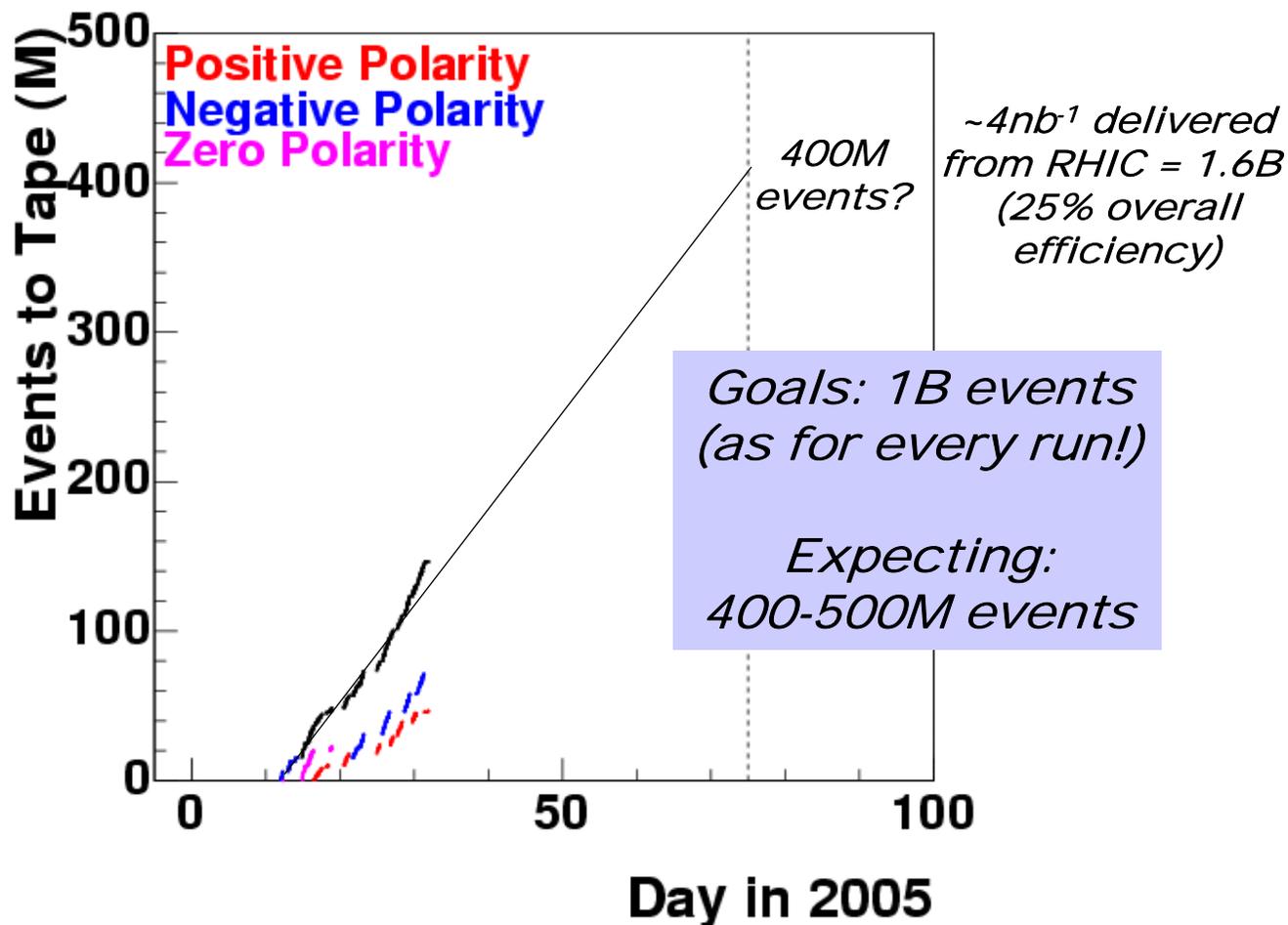


Run Statistics Last Week



Polarity flips once/day

Run Statistics This Week



Polarity flips still once/day

Si Problems

- Over weekend, frequent DAQ hangups related to silicon system raising busy
- Workaround possible until Monday night, when system stopped responding → Crisis
- Tues. we brought in expert from MIT
 - Ferry schedules etc. → 4:30pm
- Work overnight Tues 6pm → Weds 4am with some accesses
- Returned to work 10am, requested access → none granted yet
- This morning: reviewed progress and desired work in tunnel
 - Bottom line: 1 hour requested ASAP

Si Problem: History & Plan

Config	Crate	Card	Firmware	Status
Original	C0	MDC0	MDC0 Orig	Busy_Sl
	C1	MDC1	MDC1 Orig	OK
Fix #1	C0	MDC0	MDC0 Orig	Busy_Sl
	C1	SPARE	?	RINT_TO
Fix #2	C0	MDC1	MDC0 Dev	RINT_TO
	C1	SPARE	MDC1 Copy	OK
Proposal 1	C0	MDC1	MDC0 Copy	
	C1	SPARE	MDC1 Copy	
Proposal 2	C0	SPARE	MDC0 Copy	
	C1	MDC1	MDC1 Orig	

Each configuration needs ~ ½hr →
1 hour request

Phil's Questions

- We could use factor of 2 in luminosity, but would only contribute up to 30% increase in total events
 - Desirable but not crucial
- We strongly prefer uptime vs. lumi development
 - We are not running any rare triggers
 - However, we will not stand in the way of other experiments, provided quantitative case is made
- Strongly request low energy run (62.4 GeV)
 - Part of PHOBOS BUP – approved by PAC
 - Need 2-3 weeks for useful spectra (p_T out to 5 GeV), results comparable to 62.4 GeV Au+Au (accepted to PRL two weeks ago)
- Strongly request 1 day injection energy
 - Similar run in Au+Au was very useful for all experiments