



PHENIX Run-14 Status

Klaus Dehmelt

June 10, 2014

Time Meeting

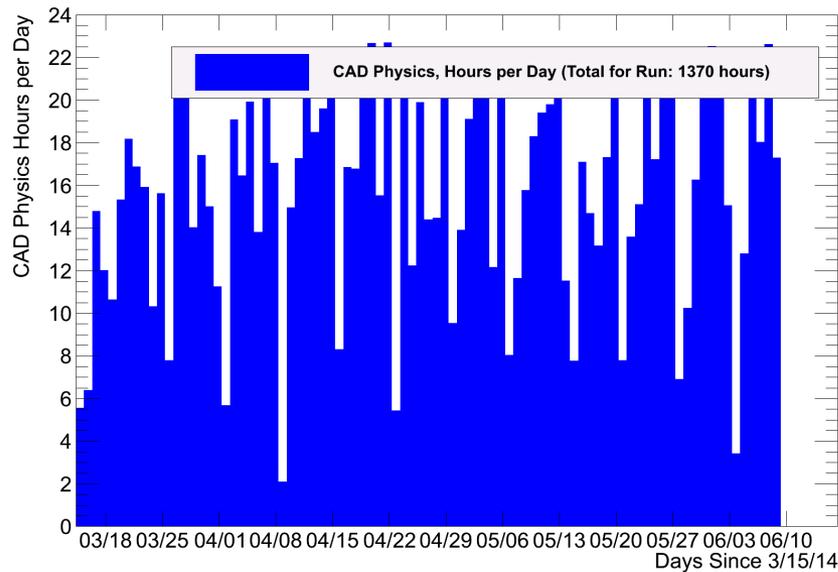
PHENIX High Energy Run

- First physics collisions on Saturday, March 15
 - 87 days in HE-Physics-Mode (~ 12 ½ weeks)
 - 181 fills, starting from # 18046
 - Accumulated luminosity about 55% above goal
 - According to performance of RHIC/PHENIX we are expecting about 65% above goal

RHIC/PHENIX Performance

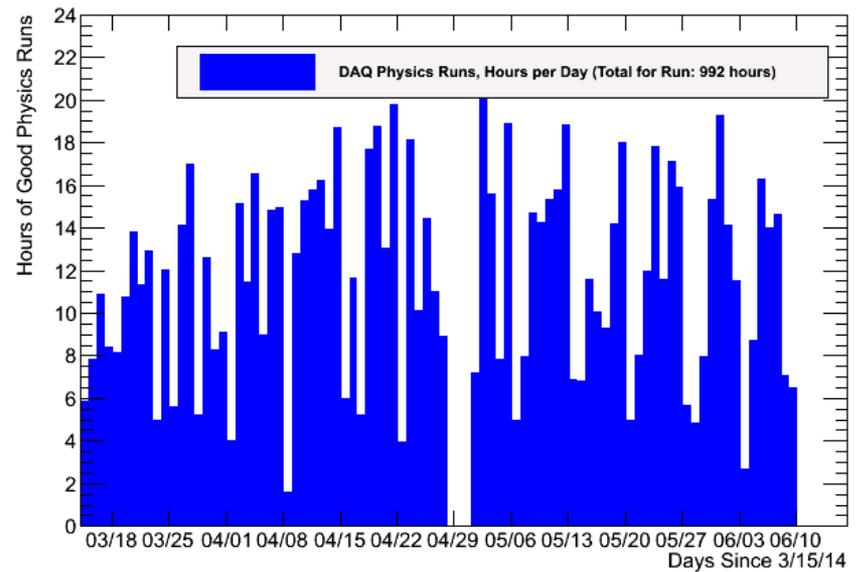
CAD Physics Hrs/Day vs Day

Tue Jun 10 10:02:03 2014



PHENIX Good Physics Run Hrs/Day vs Day

Tue Jun 10 09:01:43 2014



~80% efficiency



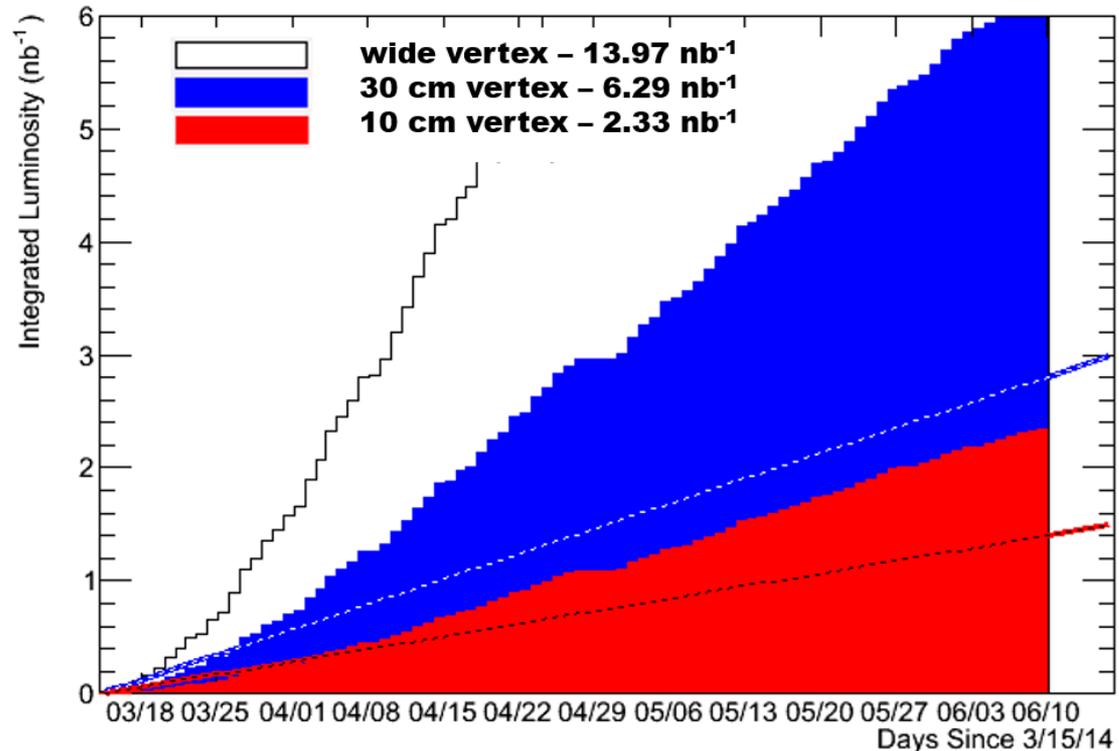
PHENIX High Energy Run

- Integrated luminosity to date (narrow vertex)

$$- \mathcal{L} = 2.33 \text{ nb}^{-1}$$

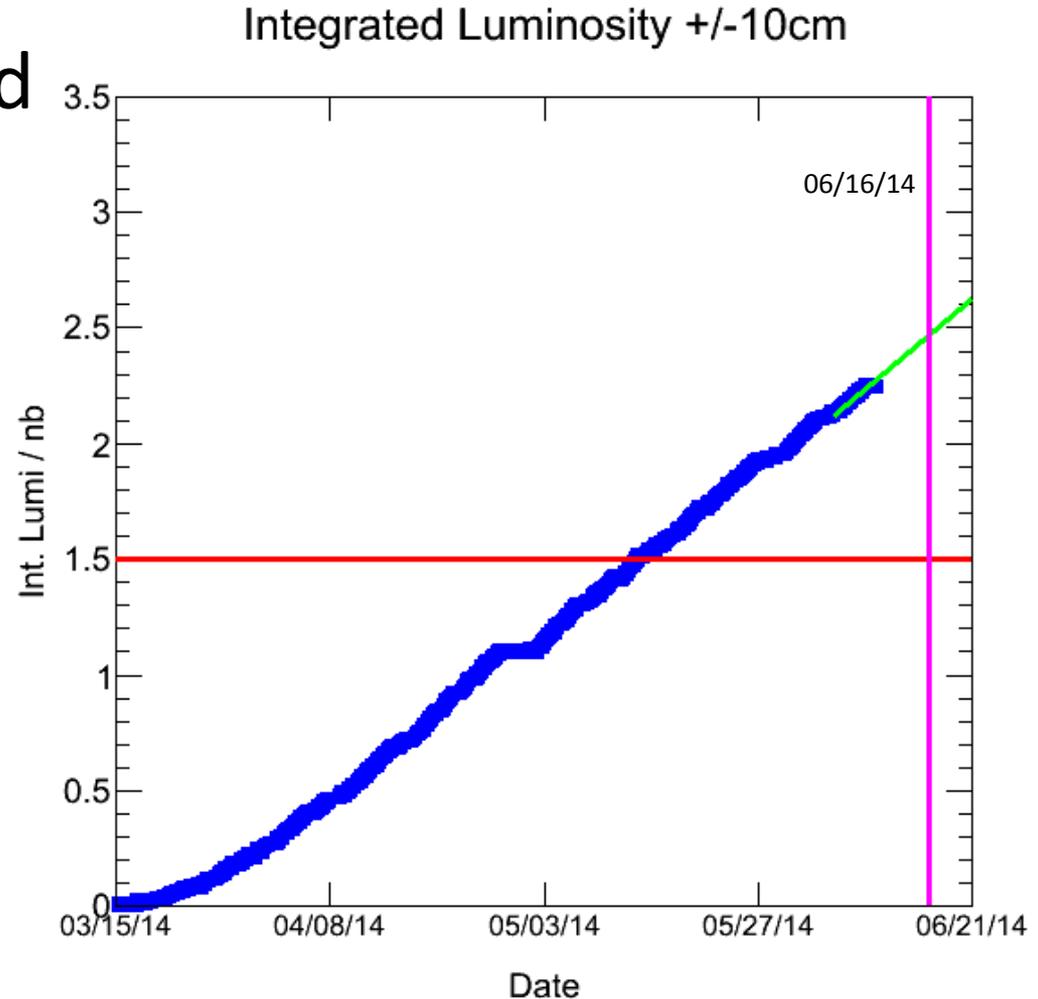
PHENIX Integr. Sampled Lumi vs Day

Tue Jun 10 09:01:42 2014



PHENIX High Energy Run

- Expected integrated luminosity on Monday, Jun 16
 - $\mathcal{L} \approx 2.47 \text{ nb}^{-1}$
 - About 65% addtl. luminosity



Calendar and Plans

- PHENIX continues taking data
- Monday, June 16 (tentative)
 - MAINTENANCE DAY