



PHENIX Run-14 Status

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May 27, 2014

Time Meeting

PHENIX High Energy Run

- First physics collisions on Saturday, March 15
 - 73 days in HE-Physics-Mode ($\sim 10 \frac{1}{2}$ weeks)
 - 157 fills, starting from # 18046
- Degradation of power supplies, HV mainframes etc. over time
 - $\frac{1}{2}$ of RICH-West off

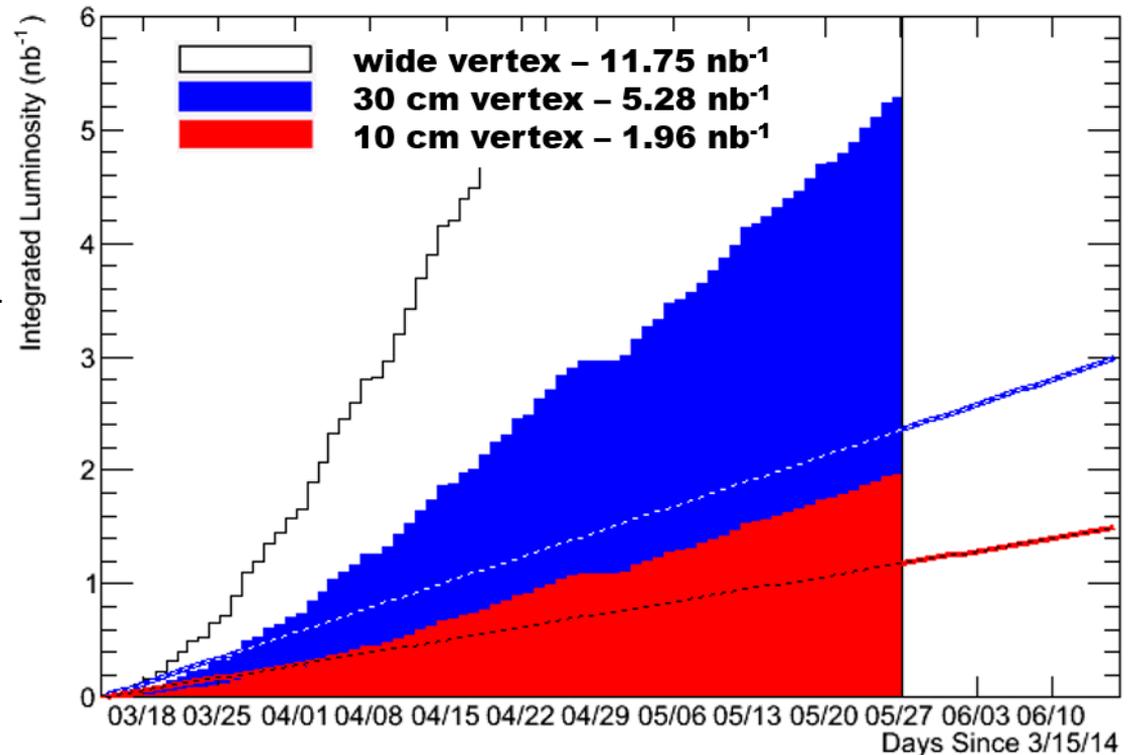
PHENIX High Energy Run

- Integrated luminosity to date (narrow vertex)

$$- \mathcal{L} = 1.96 \text{ nb}^{-1}$$

PHENIX Integr. Sampled Lumi vs Day

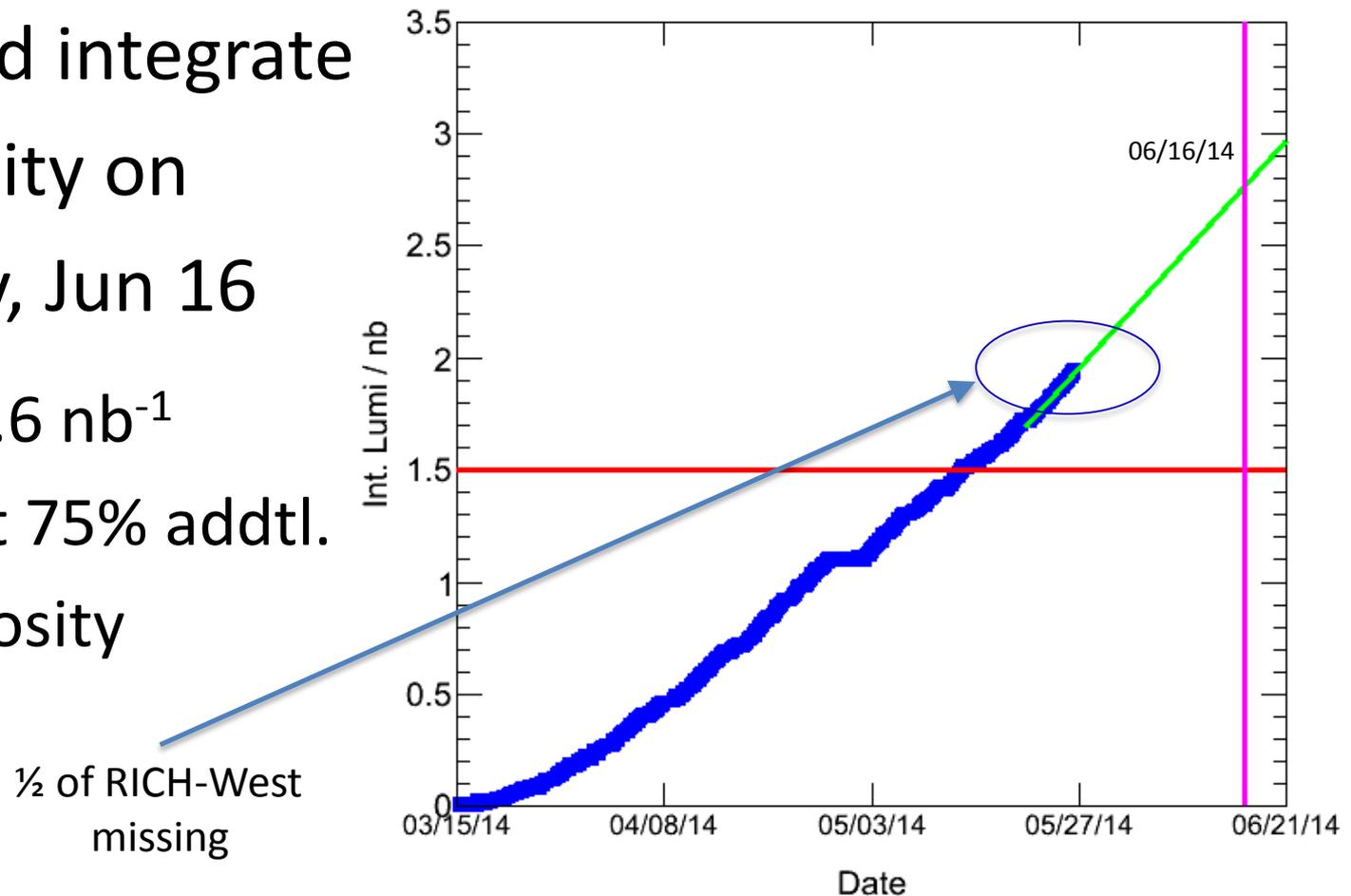
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PHENIX High Energy Run

Integrated Luminosity +/- 10cm

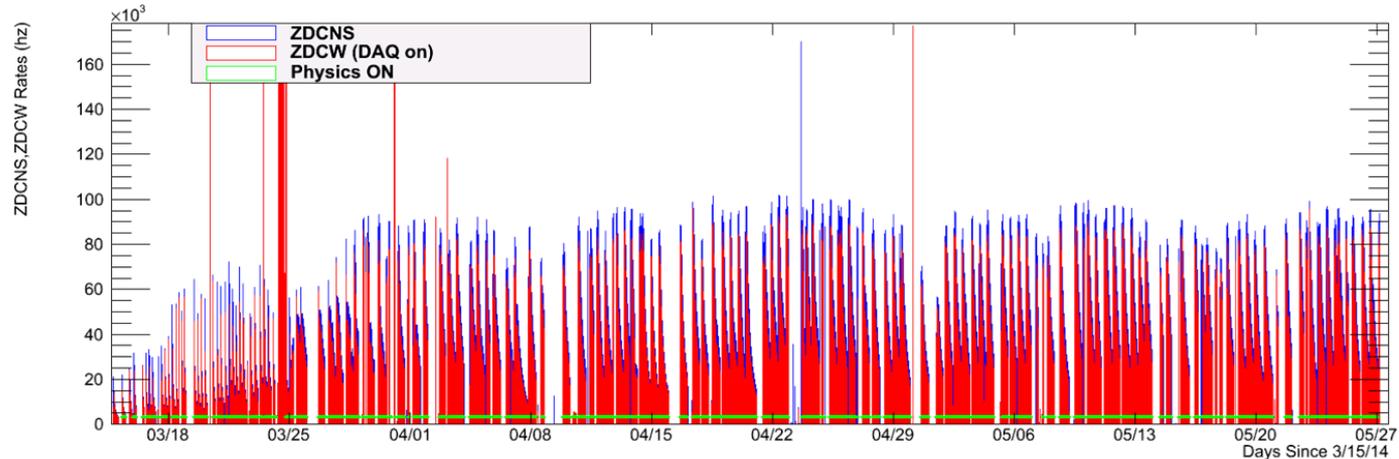
- Expected integrate luminosity on Monday, Jun 16
 - $\mathcal{L} \approx 2.6 \text{ nb}^{-1}$
 - About 75% addtl. luminosity



RHIC/PHENIX Performance

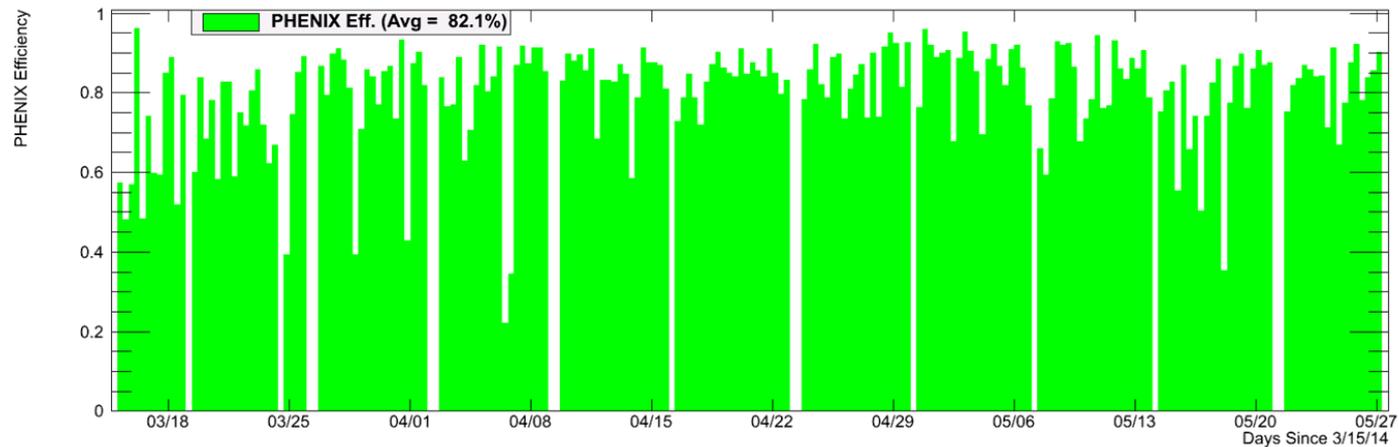
2014 200 GeV AuAu

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PHENIX Efficiency vs Day

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Calendar and Plans

- PHENIX continues taking data
- Wednesday, May 28: MAINTENANCE DAY
- Wednesday, June 03 : APEX