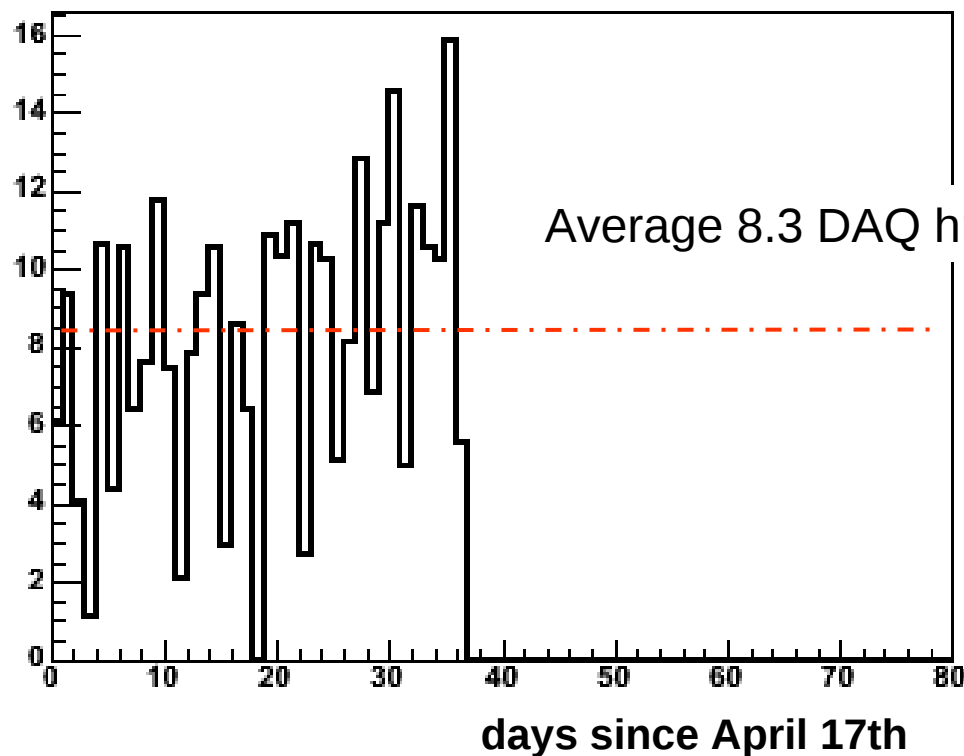


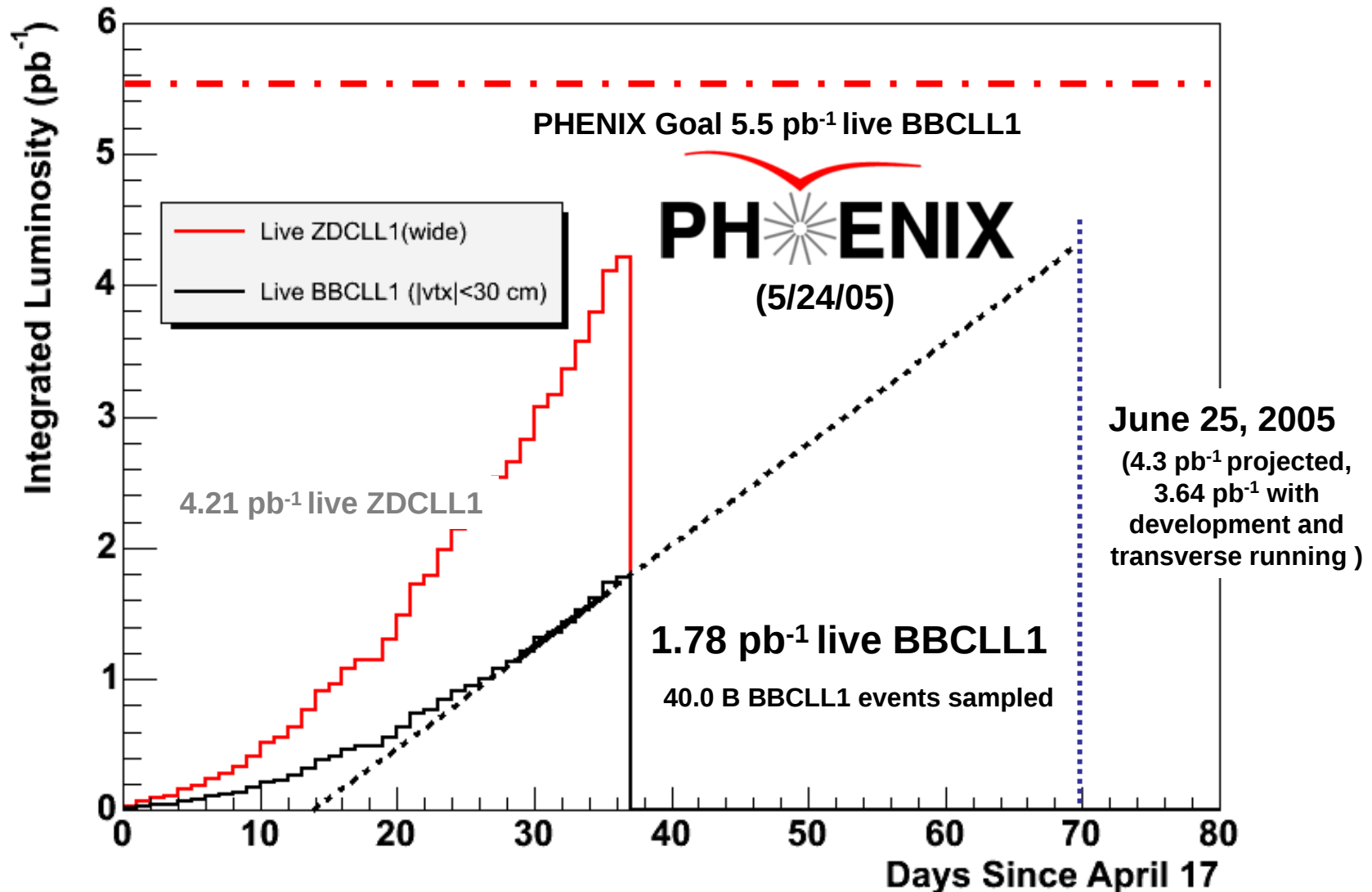
# PHENIX DAQ Hours

DAQ Hours by Day

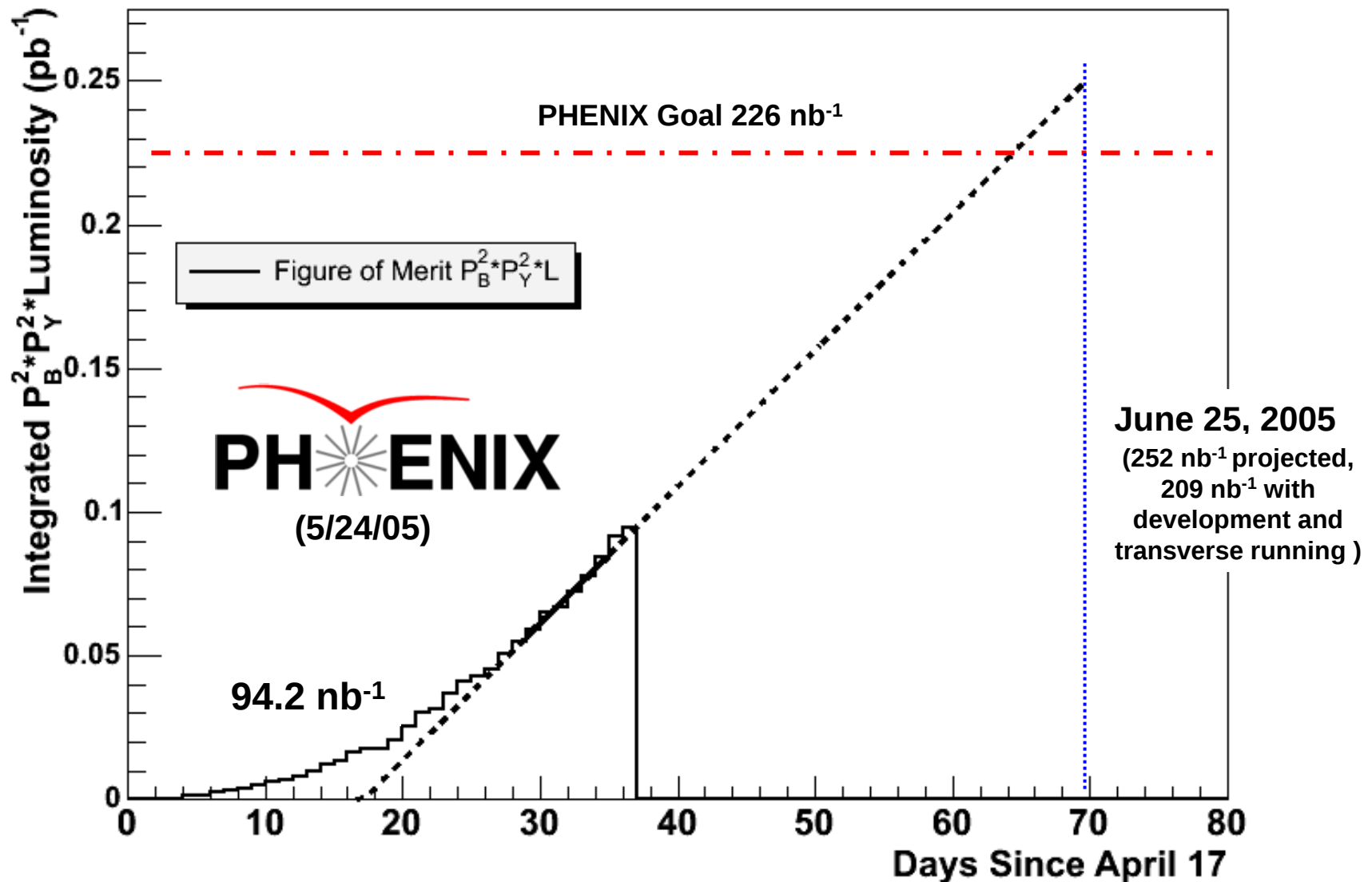


**77 DAQ hours (!) in  
the previous week  
(5/16 – 5/23)**

# 200 GeV pp Integrated Luminosity



# 200 GeV pp “Figure of Merit”



# Lies, Damn Lies, and Projections...

- Luminosity/FOM growth ~constant for past week
  - Big increase from improved duty cycle
  - Integrated Luminosity:  $77.2 \text{ nb}^{-1}/\text{day}$
  - FOM:  $4.8 \text{ nb}^{-1}/\text{day}$ 
    - Assuming no change in polarization
- More realistic assessment of projected totals:
  - 410 GeV development time/running
    - Assume four days
  - Transverse running
    - Assume five days
      - $\sim 24 \text{ nb}^{-1}$  FOM integrated,  $\sim 10\%$  of total
  - Integrated Luminosity:  $3.64 \text{ pb}^{-1}$  (66% of goal)
  - Figure of Merit:  $0.209 \text{ pb}^{-1}$  (92% of goal)