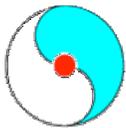




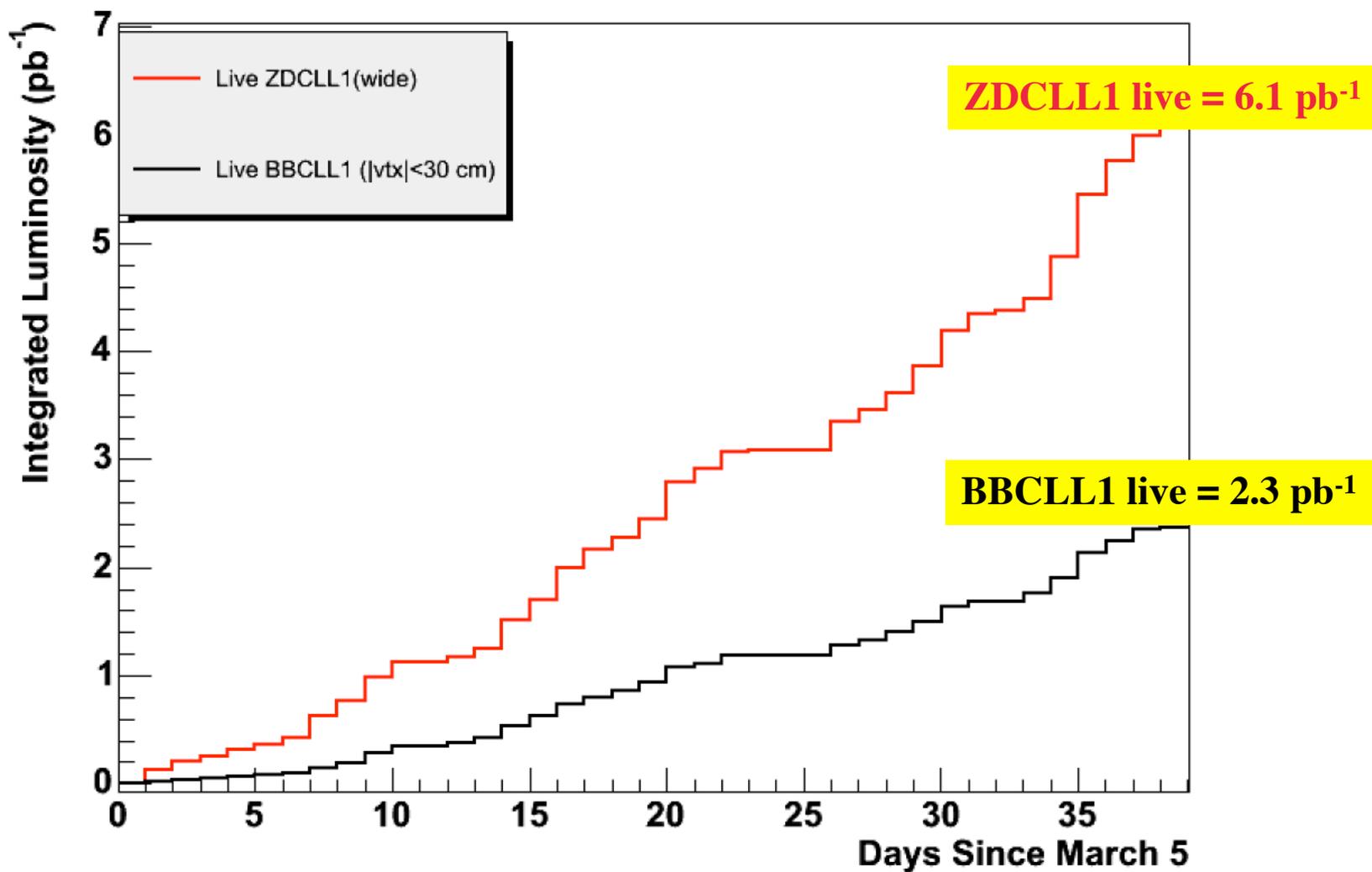
# Run-6 Status

Abhay Deshpande  
Stony Brook & RBRC

Time & Scheduling Meetings  
April 11, 2006



# Accumulations.....



# Progress towards physics....

- PHENIX (good physics) run started March 12, 2006
  - 2.1 pb<sup>-1</sup> BBCLL1 accumulated so far
  - Average beam polarization  $\langle 52\% \rangle$
  - **Figure of Merit 0.57** so far for single spin asymmetry
  - **Ideal Goal: FOM 1.0**
- Last **ONE** week accumulation
  - **0.8 pb<sup>-1</sup> BBCLL1 at  $\sim \langle 55\% \rangle = \text{FOM}_{(\text{Last Week})} = 0.24$**
  - About 4 days of CA operations (with two major breaks)
- *Next ~8 days we could potentially add ~0.5 in our FOM and be ready to rotate to longitudinal on April 19, with the first significant PHENIX milestone achieved!*
  - *We now need smooth operations, minimal breakdowns, repeated stores with short times between them!*
  - *Longitudinal run will continue until May 31, 2006 which gives us about 6 weeks that we wanted for this orientation for our  $\Delta G$  measurement in Run-6.*



# Low Energy Collisions

PHENIX's early request for a short 22 GeV physics run still stands.

Suggested plan was to try for one day at the end of 64 GeV operations, and decide if we can get sustained luminosity for the next couple days.

Luminosity goal without polarization expectation =  $0.4 \text{ nb}^{-1}$