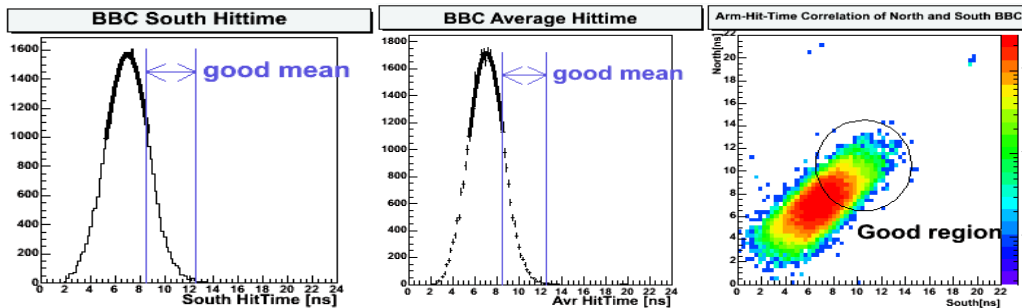


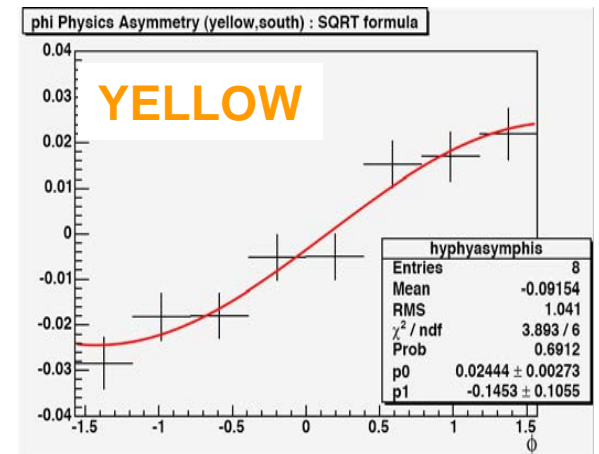
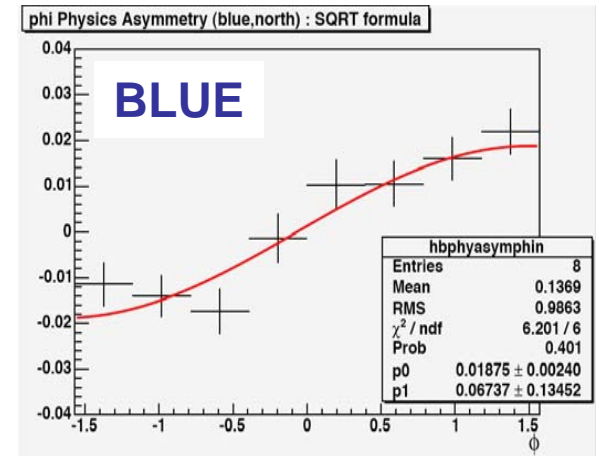
PHENIX Status

- First Collisions 4/6/05
 - Timed in detector:

Run #165842 Events: 39344 Date: Wed Apr 6 07:08:12 2005



- Overnight collisions since 4/7/05
 - Setup triggers, detectors and LPOL
 - Backgrounds good after collimation
 - down to ~few kHz
 - low luminosity
 - Integrated ~43M BBCLL1 triggers



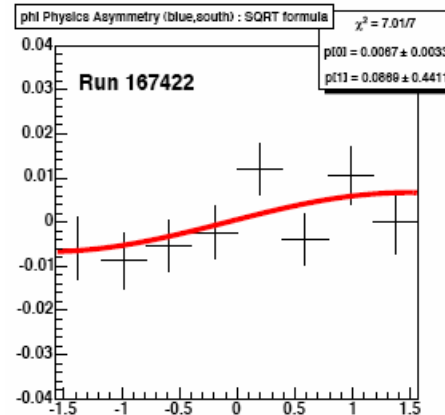
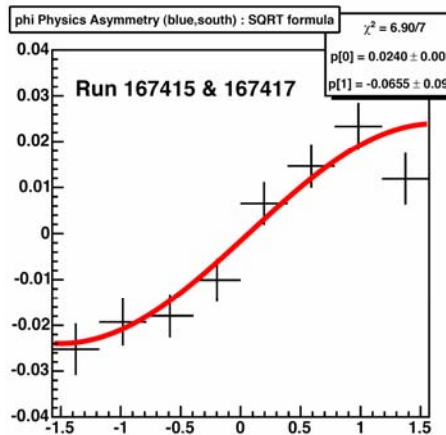
Rotator Commissioning

- Rotator commissioning early morning 4/13/05

Transverse

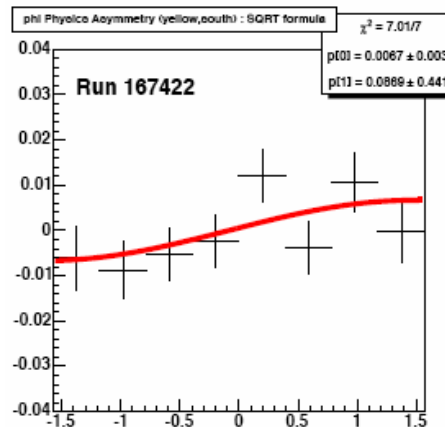
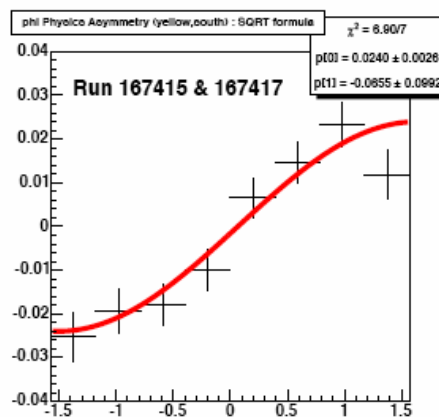
Longitudinal

BLUE



**PRELIMINARY:
Straight from 1008**

YELLOW



PHENIX pp Delivered Request

- PHENIX Beam Use Proposal
 - Integrated “recorded” (sampled) luminosity 5.5 pb^{-1} with $>45\%$ longitudinal polarization
- Convert this to RHIC Delivered Luminosity
 - Vertex cut = 0.43
 - Measured from recent runs ZDCnarrow/ZDCwide
 - PHENIX efficiency
 - BUP planned on 0.6, we’ve seen 0.75 in CuCu
 - Many improvements made for pp run to improve efficiency
 - PHENIX BBC sees $\sim 75\%$ of cross section for hard processes
 - RHIC Delivered:
 - $5.5 \text{ pb}^{-1} / (0.6 * 0.43 * 0.75) = \underline{\underline{28 \text{ pb}^{-1} \text{ RHIC delivered}}}$
- Need to get to $>2 \text{ pb}^{-1}/\text{week}$ as soon as possible...