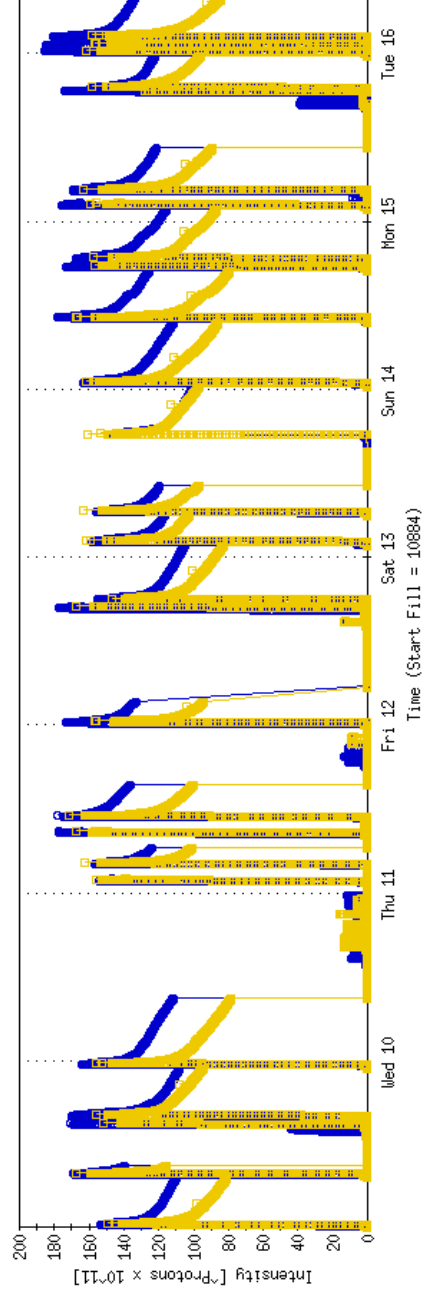
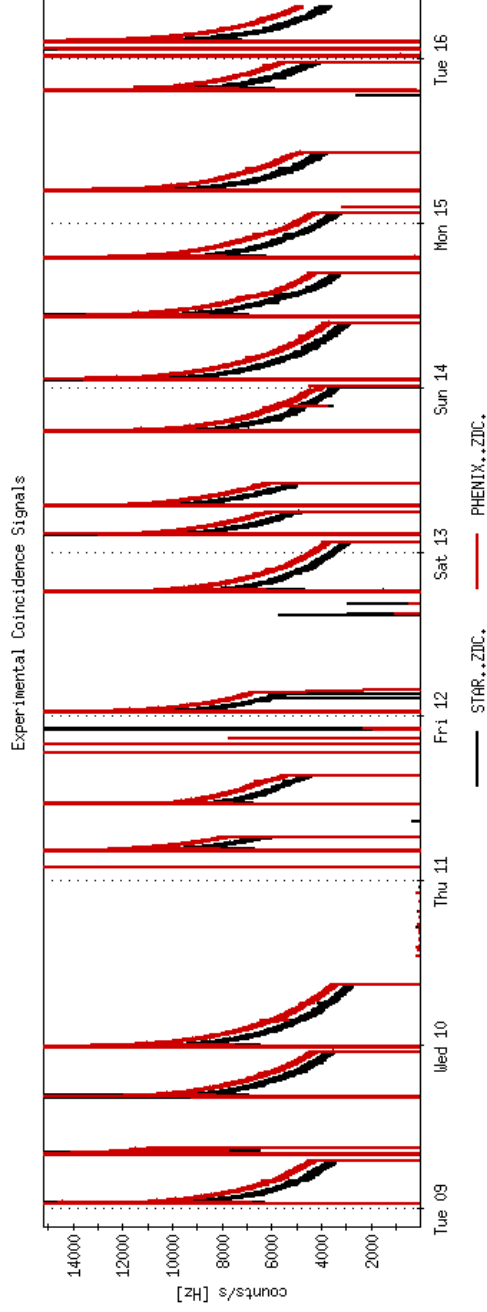
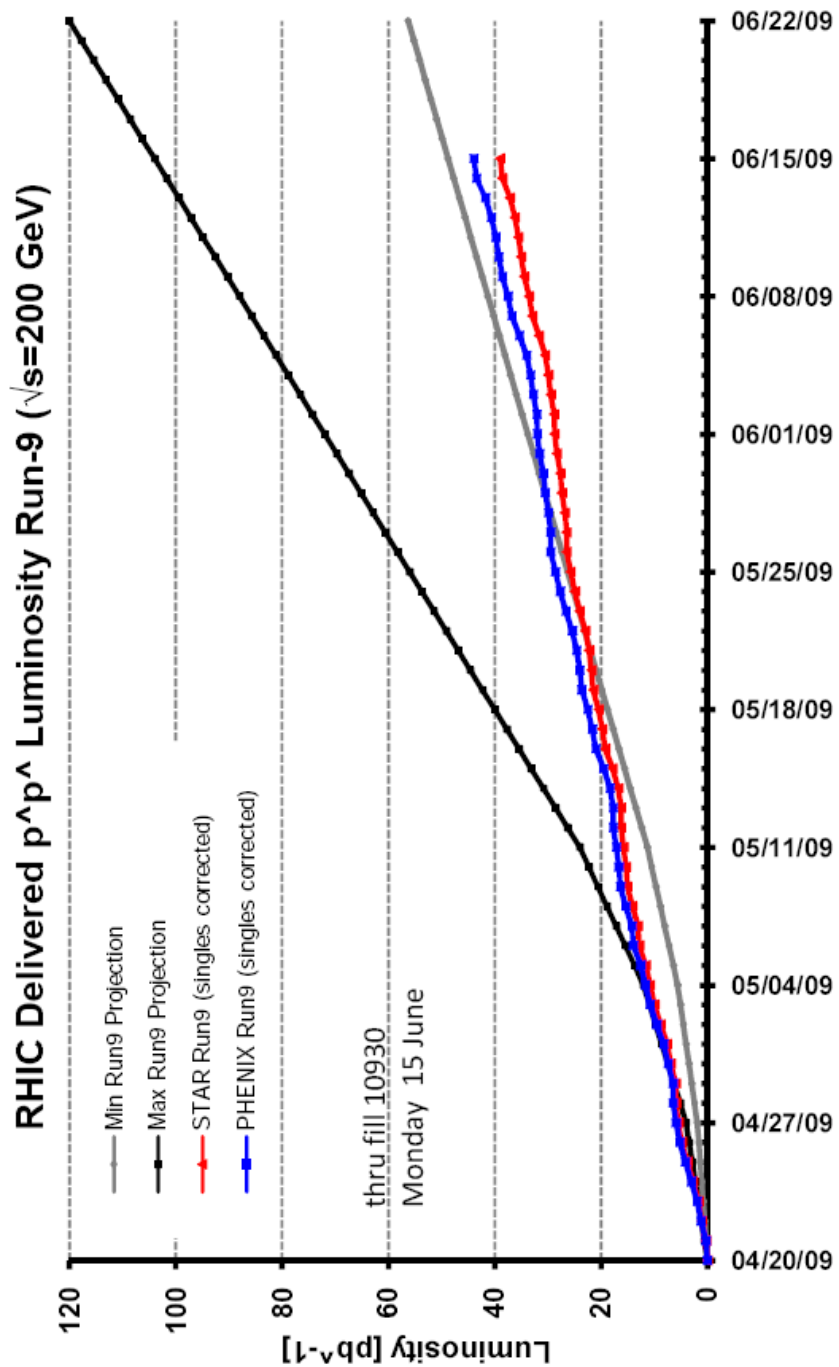


# RHIC Status

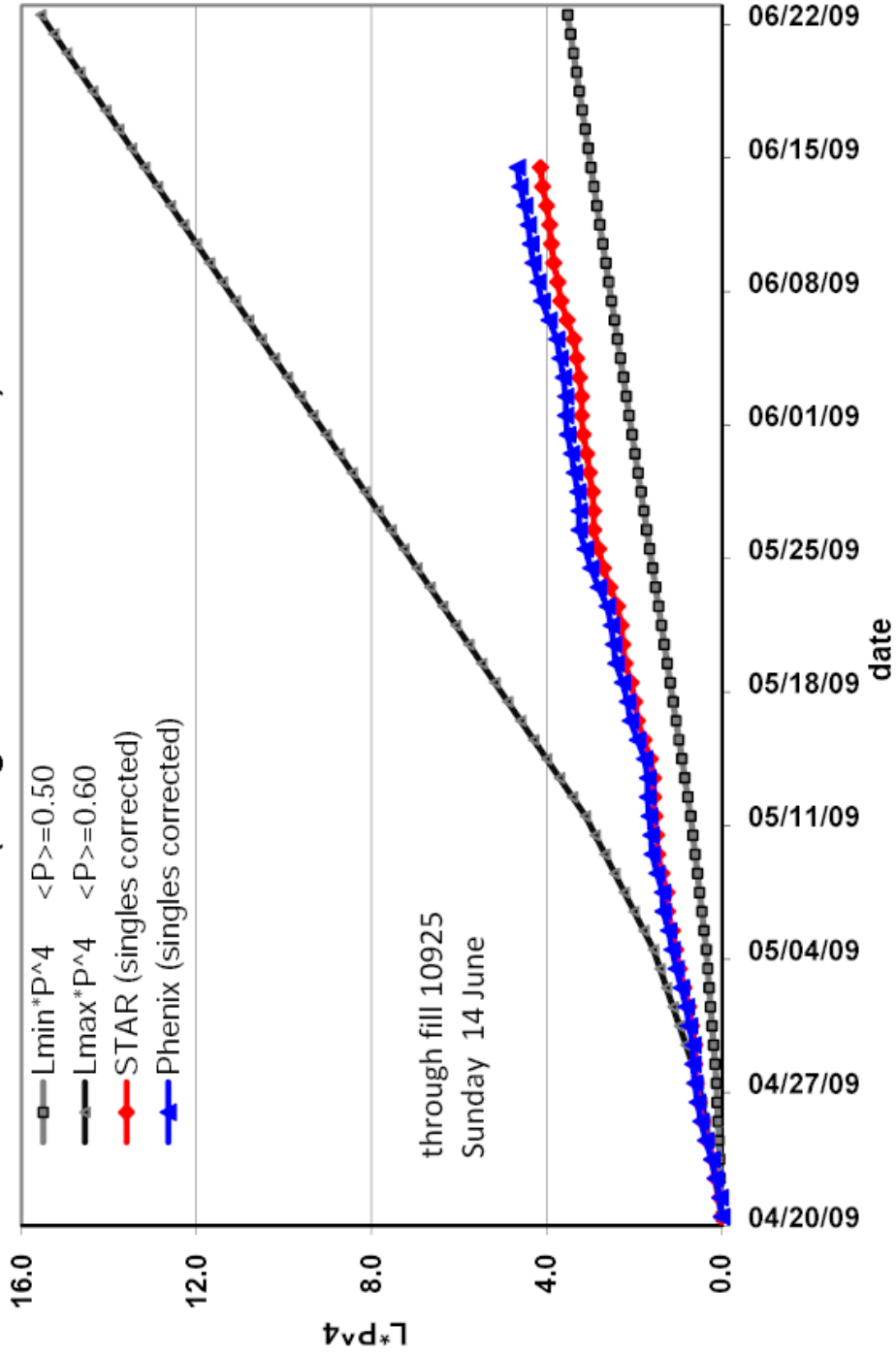
June 16, 2009



- APEX Wednesday 12 noon – midnight. 250 GeV near-integer tune development. Very successful, both beams at store on third attempt. To be continued.
- 9 MHz RF work on Thursday. Landau cavities don't perform due to beam loading. Designed for 1 MV, they have to run at 3 kV.
- 15 hours downtime due to power dip on Friday
- 8 h downtime due to power supply problems on Saturday, bo6-rot3-1.4-ps and E17 compensating quad for E20 warm snake.
- Working on improved orbit correction algorithm at store.



# Run9 ( $\sqrt{s}=200$ GeV)-- STAR / PHENIX Figure of Merit (Longitudinal Polarization)



## Plan for the week

- Physics, physics, physics...!
- APEX overnight 7 PM – 7 AM, continuing 250 GeV near-integer tune development
- Maintenance Day Wednesday, 7 AM – 7 PM
- Thursday 1.5 h spin flipper development