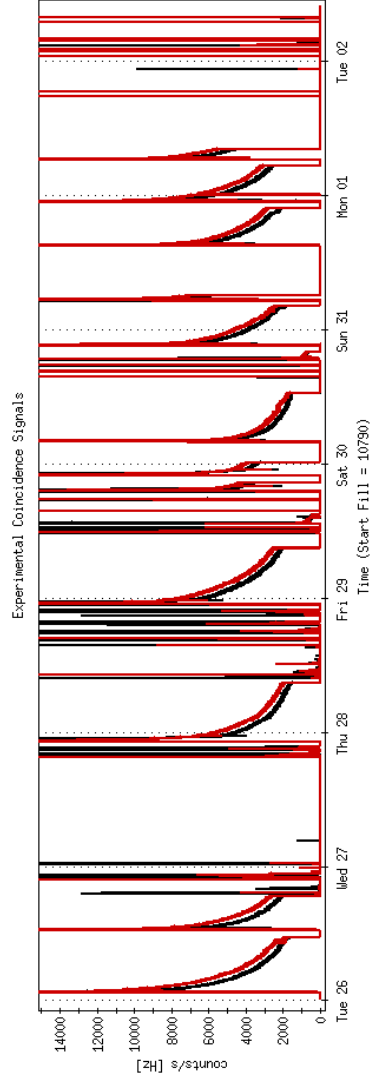
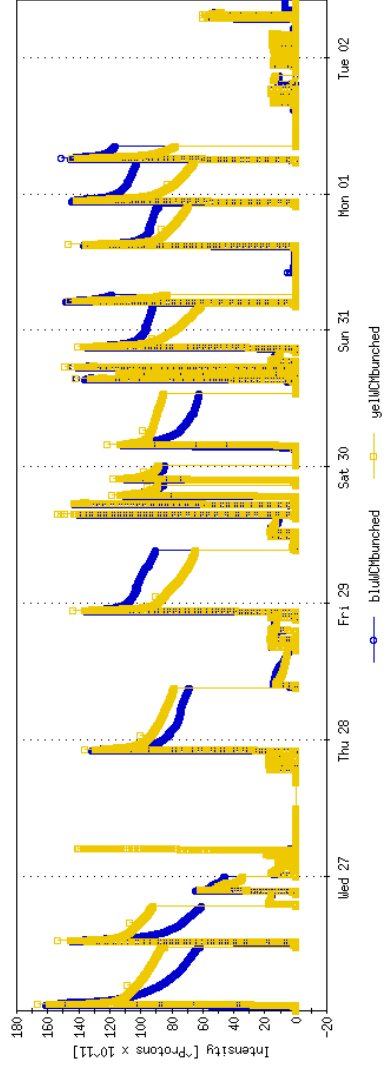


# RHIC Status

May 26, 2009



Luminosity lifetime is factor 2 lower than in Run-8.  
Spend most of the week with Machine Development to address this.

- 12 h APEX Tuesday night
- Maintenance Day Wednesday
- Machine Development Thursday to address beam and luminosity lifetime issues. Lifetime did not improve.
- Machine Development on Friday, unsqueezed to  $\beta^* = 80$  cm. No significant effect on luminosity lifetime.
- Back to  $\beta^* = 70$  cm Saturday afternoon, after several ramp attempts with 80 cm failed
- Started re-commissioning Run-8 ramp pp83 on Monday, with  $\beta^* = 1.0$  m.

## Plan for the week

- Continue ramp development for pp100-92
- Provide one store with transverse polarization for STAR
- If lifetime recovers, add a rotator ramp
- Resume physics running