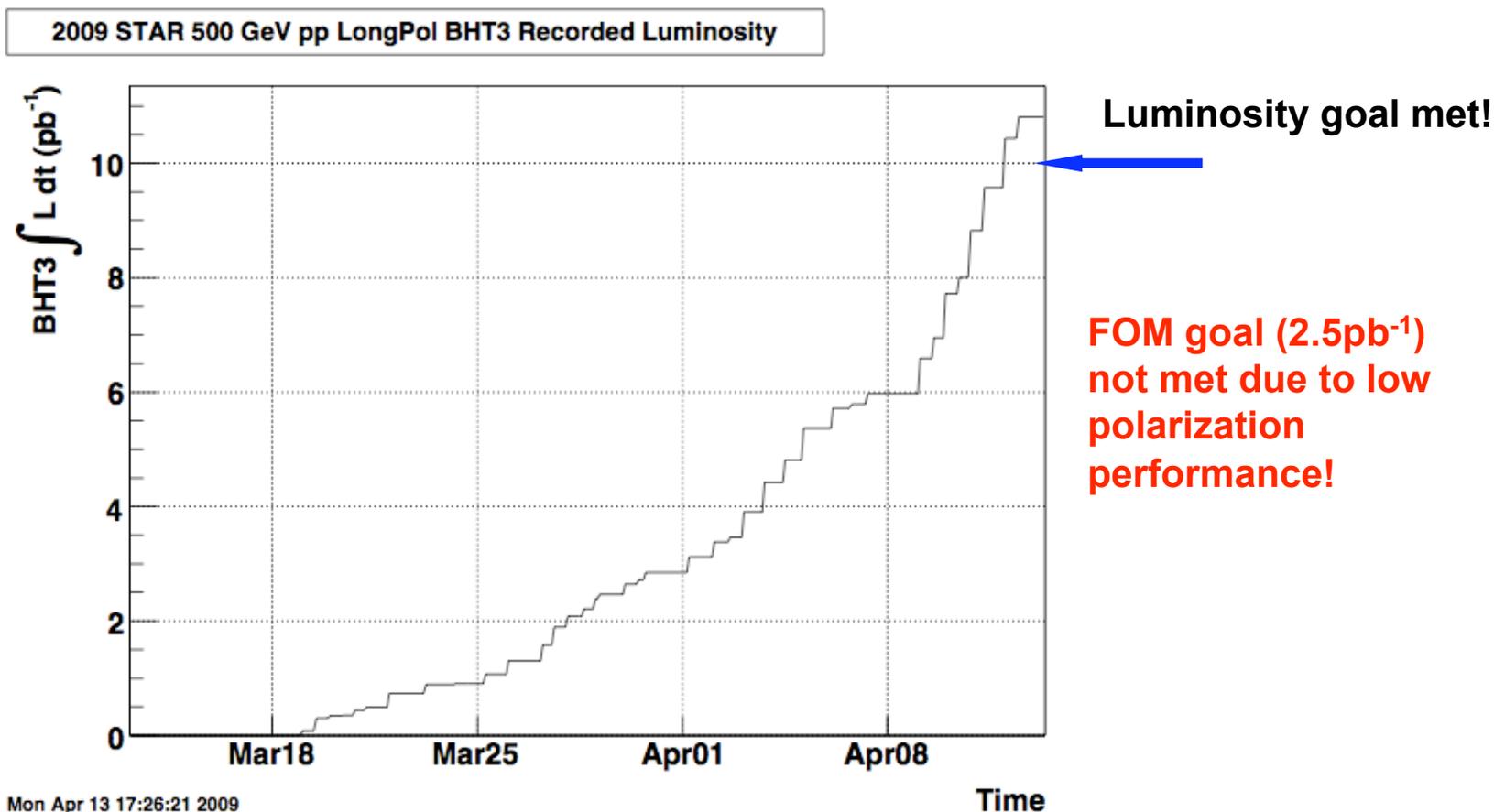
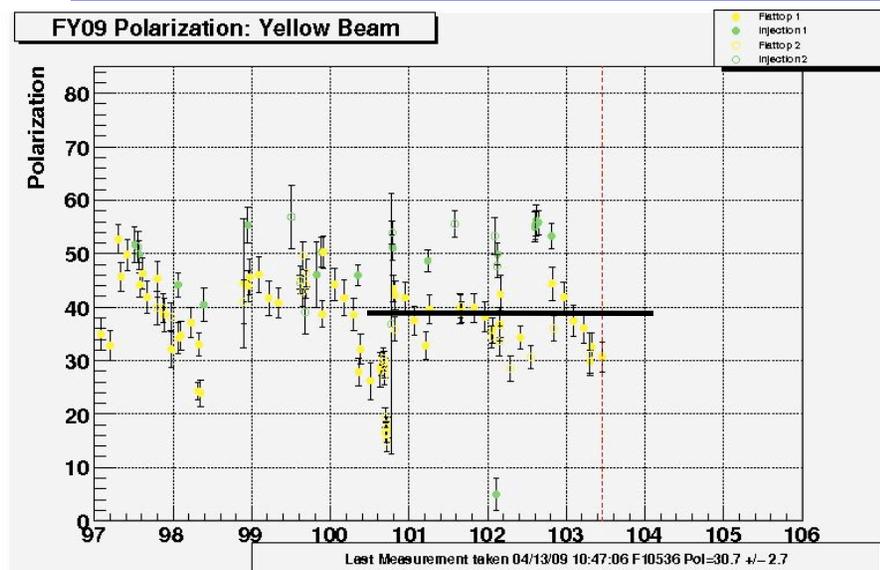


STAR Run 9 - Sampled Luminosity Achievement



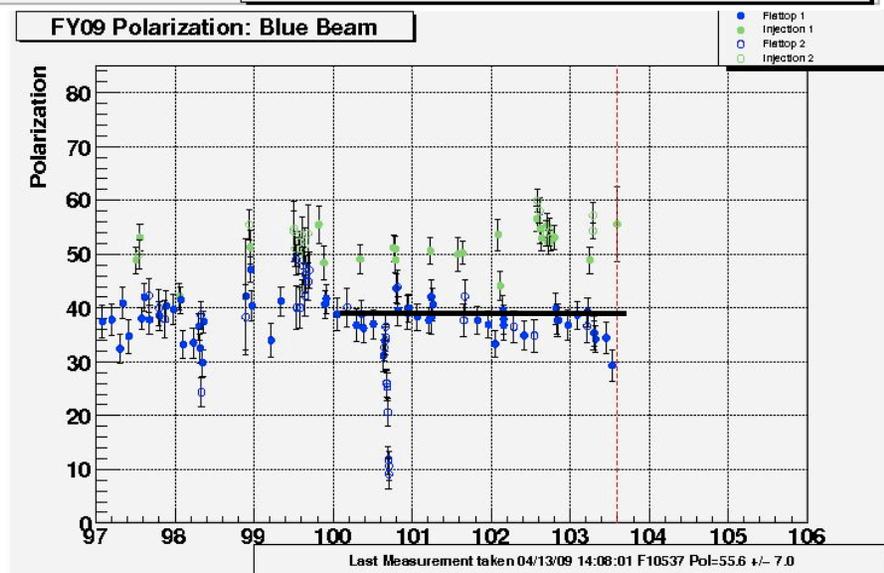
- STAR ran smoothly in the last week.
- Total sampled luminosity $\sim 10.7 \text{ pb}^{-1}$, goal achieved.

Polarization !



~ 50-55% at injection
~ 35-40% at store

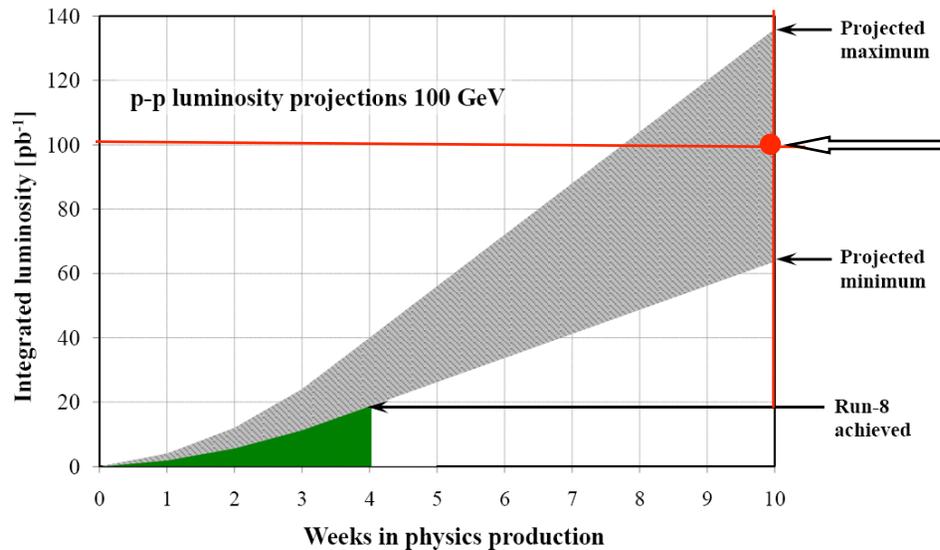
- Spin rotator tuning
 - Trans. Component reduced to 10%
 - No significant lifetime issue of Y and B beam observed
- Need to understand the de-polarization at RHIC.



STAR Run 9 200 GeV

Longitudinal spin program

Goal **FOM = $P^4L \sim 6.5 \text{ pb}^{-1}$**



If $P \sim 60\%$,

$L_{\text{delivered}} \sim 100 \text{ pb}^{-1}$ in 10 weeks

If $P \sim 50\%$, then need

$L_{\text{recorded}} \sim 100 \text{ pb}^{-1}$ or $L_{\text{delivered}} \sim 200 \text{ pb}^{-1}$