

Run plan as of Oct. 6, 2009

- 9 AM meetings begin Dec. 1
- Run10 startup schedule
 - Oct. 5, N2 scrubbing
 - Oct. 30, Temp. Control devices in and ready (required for 45 K wave cooldown).
 - Nov. 2, 45 K wave begins.
 - Nov. 12, AGS Testing.
 - Nov. 12-13, APEX Workshop
 - Nov. 16, beam setup in Booster and AGS
 - Nov. 16-20, RHIC Dry Run
 - Nov 22, Beam extracted from AGS to W dump
 - Dec. 1, Begin cooldown to 4.5K
 - Dec. 4-5, beam setup in RHIC begins.
 - Dec. 14, RHIC Setup complete, begin Ramp Up for Physics
 - Dec. 22, Projected Physics start

From K. Brown's Run Coordinator Home Page
<http://www.cadops.bnl.gov/AP/RHIC2010/>

Run 10 Au-Au Goals

11/19/09

- STAR

- $\sqrt{s} = 200 \text{ GeV/n}$

- Luminosity Sampled/Delivered = 2/4 nb⁻¹
 - 250M Central Events
 - 300M Min-bias events

- PHENIX

- $\sqrt{s} = 200 \text{ GeV/n}$

- Luminosity Recorded/Delivered = 1.4/>6 nb⁻¹
 - Minimum Goal:
 - Luminosity Recorded/Delivered = 1.1/3.9 nb⁻¹

Future Topics




- APEX Workshop Summary – F. Pilat
- Toward Smaller β^* - new quad triplets – D. Trbojevic

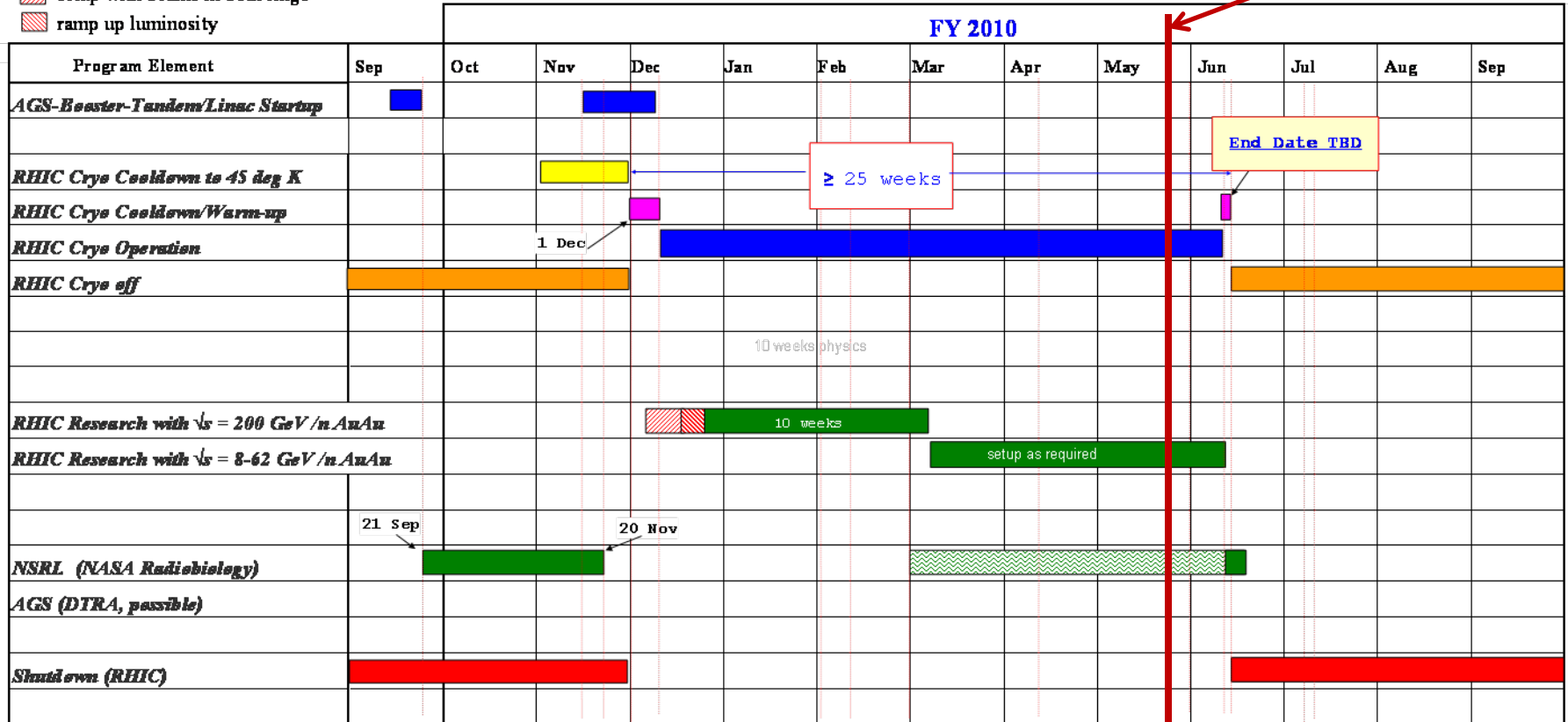
Archive

C-A Operations-FY10

Planned (budget permitting)

25 Cryo Weeks

-  concurrent with RHIC
-  setup with beams in both rings
-  ramp up luminosity



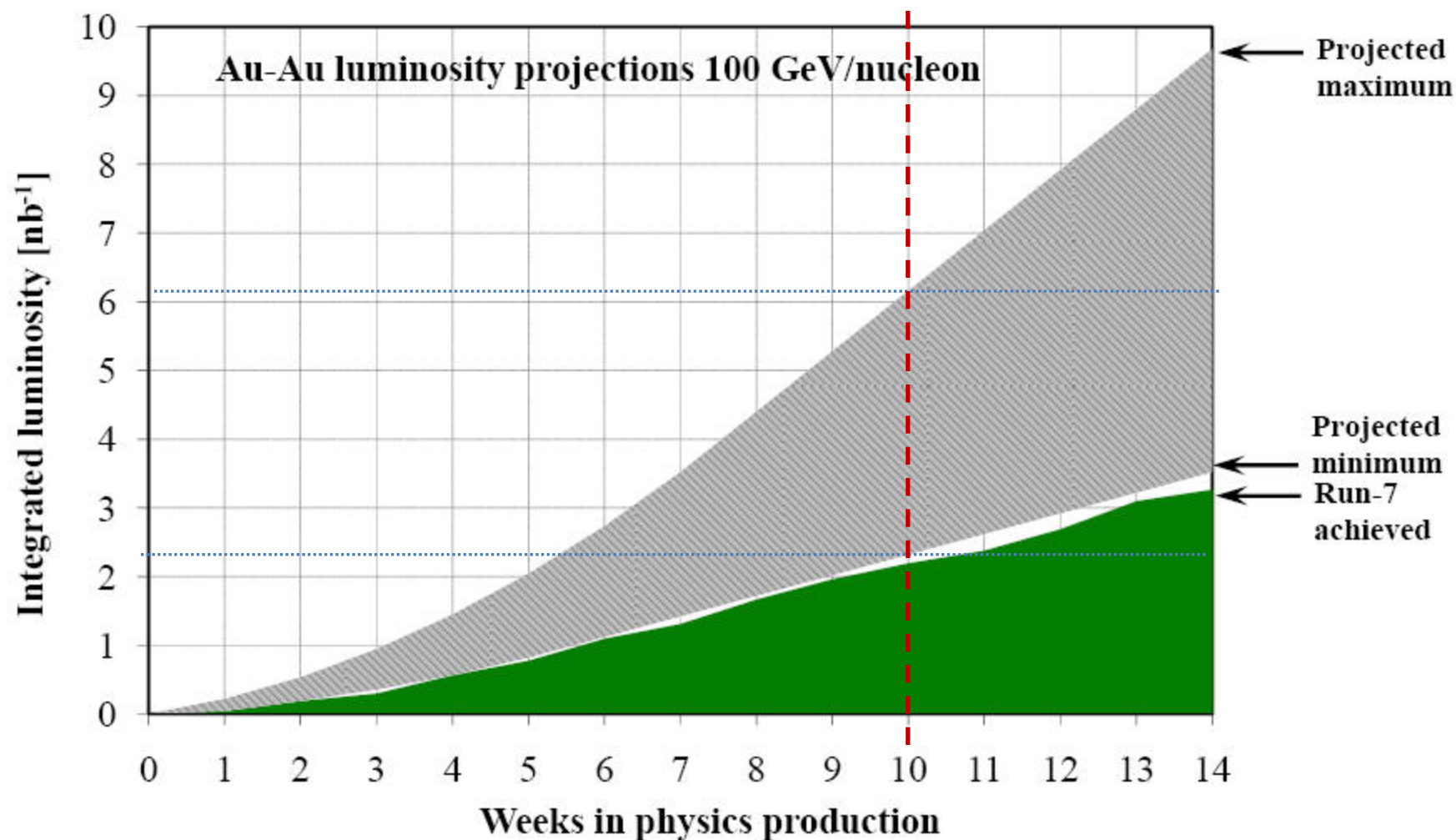


Figure 2: Projected minimum and maximum integrated luminosities for gold-gold collisions at 100 GeV beam energy, assuming linear weekly luminosity ramp-up in 6 weeks for the minimum and 8 weeks for the maximum.