RHIC status

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Time meeting

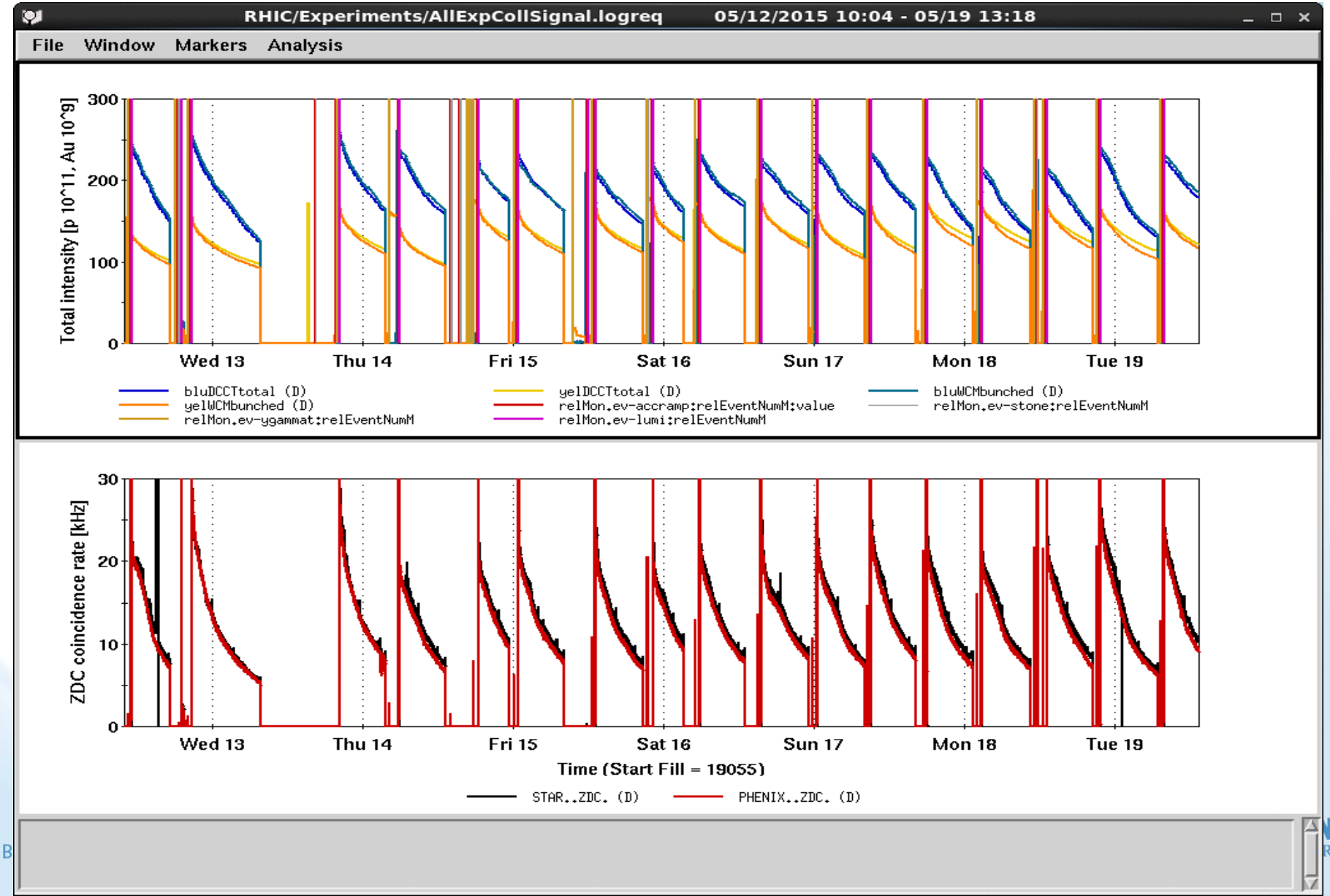
May 19, 2015

BROOKHAVEN NATIONAL LABORATORY
a passion for discovery
U.S. DEPARTMENT OF ENERGY | Office of Science

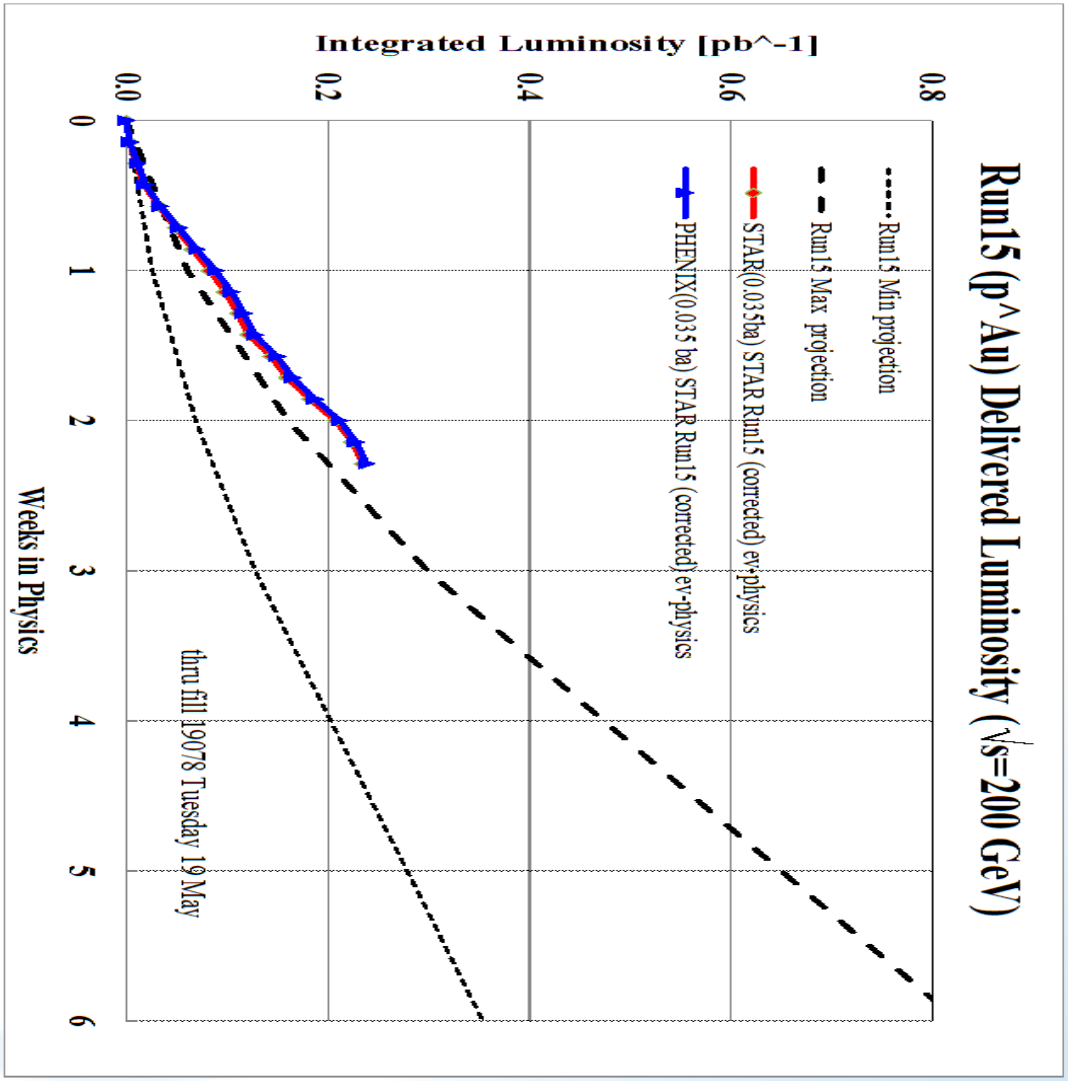
RHIC status

- Store length is 7 hrs.
- Proton intensity is ~2.2E11 ppb, Au intensity is ~1.5E9 ppb.
- Polarization is in high 50s.
- Turn around time between physics is ~1 hr.

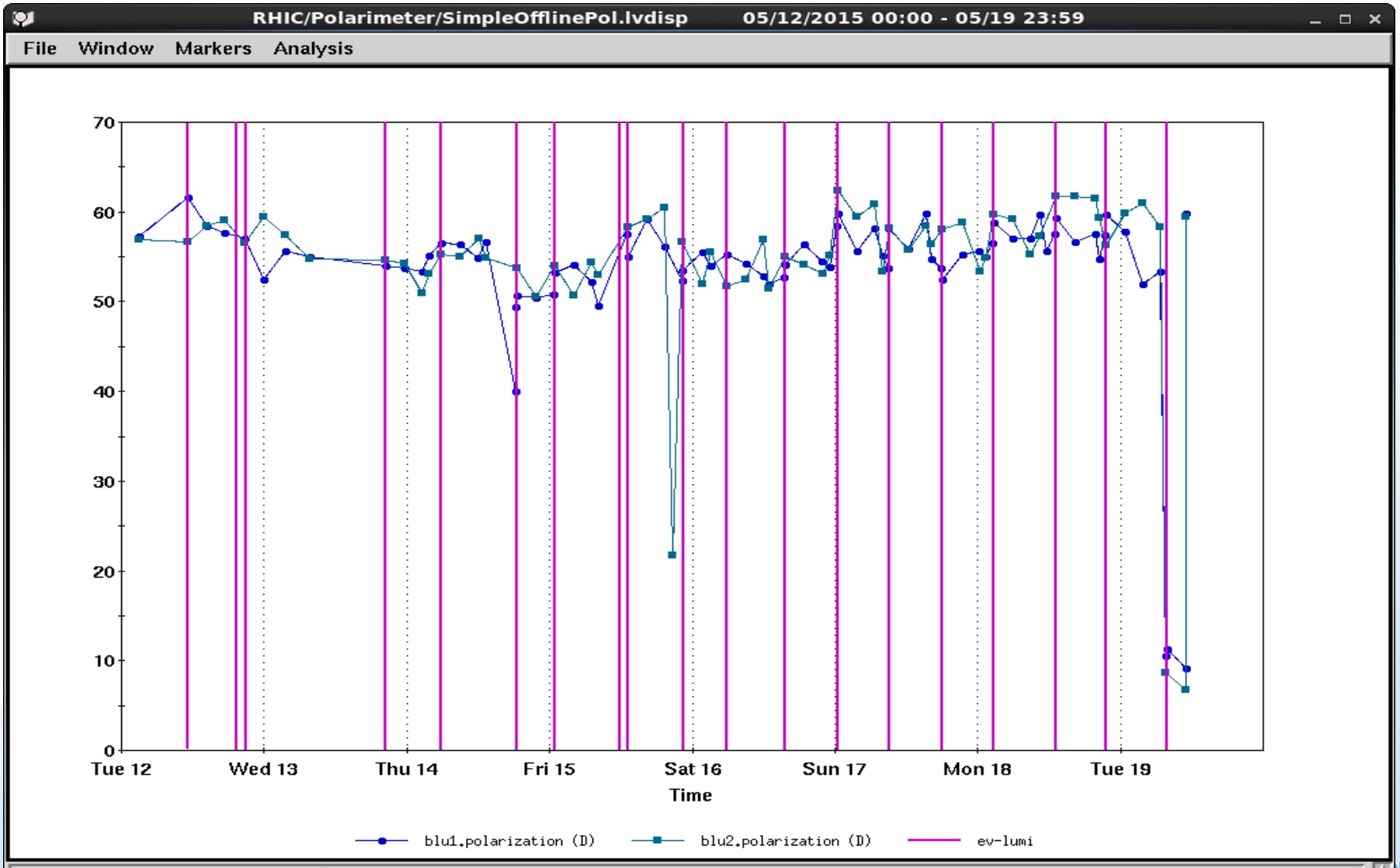
Collision rate



Luminosity


Run15 (p^Au) Delivered Luminosity (√s=200 GeV)
Run15 Min projection
Run15 Max projection
STAR(0.035ba) STAR Run15 (corrected) ev-physics
PHENIX(0.035 ba) STAR Run15 (corrected) ev-physics
Integrated Luminosity [pb^-1]
0.0
0.2
0.4
0.6
0.8
0
1
2
3
4
5
6
Weeks in Physics
thru fill 19078 Tuesday 19 May

Polarization



Plan of the week

- APEX on Wednesday, May 20, 8AM to midnight.