

2024 4 15



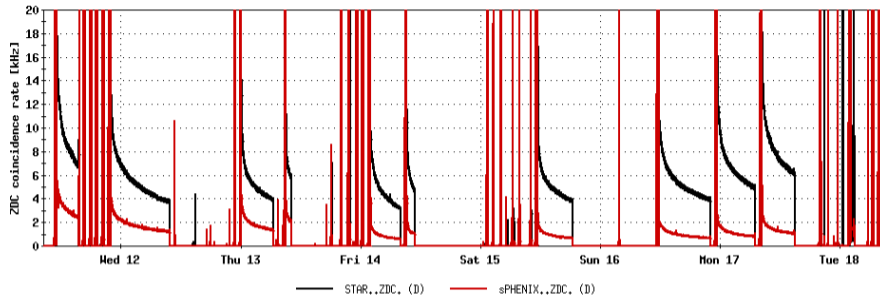
RHIC Status

Kiel Hock

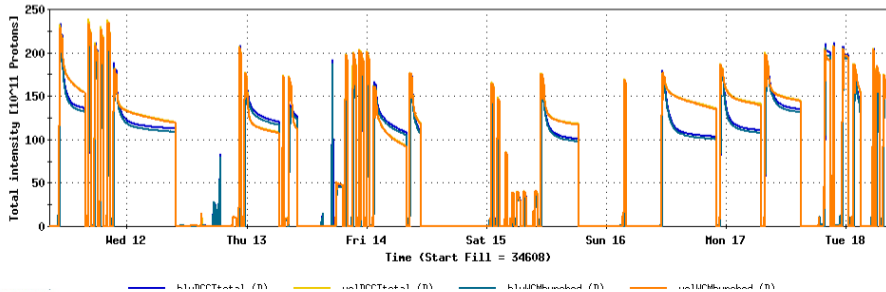
Time Meeting
June 18, 2024



Last Week at RHIC

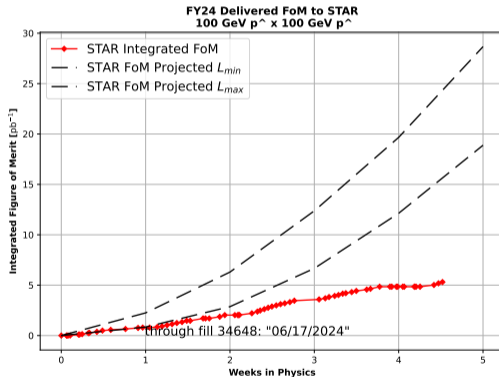
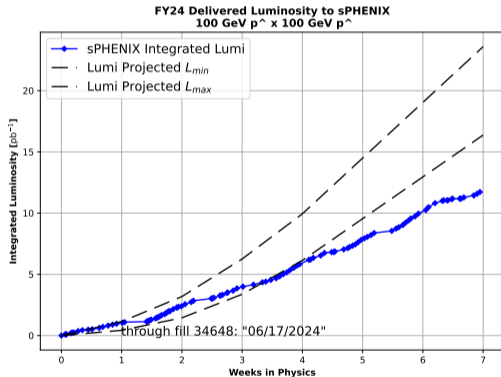


RHIC Bean Intensity



RHIC status and Lumi Projections

111x111 physics running since 4/30. Preliminary luminosity accounting



RHIC Status

- physics running with up to 2.0×10^{11} /bunch at store
- RHIC has been ODH1 for the last week, requiring additional work planning and PPE for entrance
- Maintenance Thursday, 6/20
- cold snake has increase heat load
 - ▶ unpolarized protons used Wednesday-Saturday.
 - ▶ limited polarization optimizations to maintain helium reserves

Friday

- QLI from y12-dh0-ps voltage dip caused QLI, rezeroed 12a-qd2 quench bucket
- y6-q89-ps replacement
- y10-qd-psw, AC-DC converted for main contactor replaced

Saturday high beam losses on b6-lm3.2

- H-jet bump collapse timing change resulted in collisions at IP12 from orbit overshoot when going to goal

Sunday

- correctors in alcove 5c tripped due to a bad relay on blue interlock system