

2024 4 15



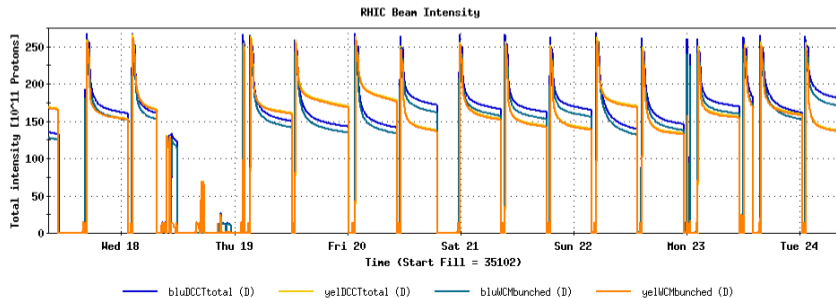
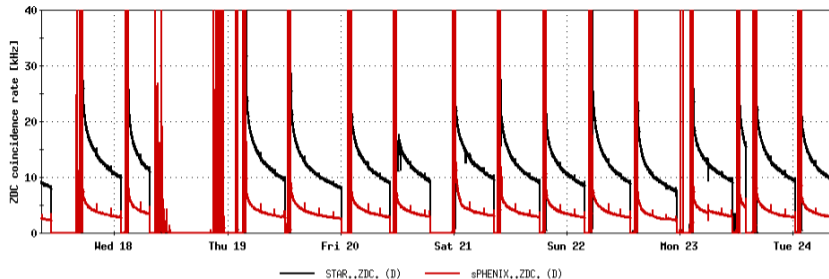
RHIC Status

Kiel Hock

Time Meeting
September 24, 2024

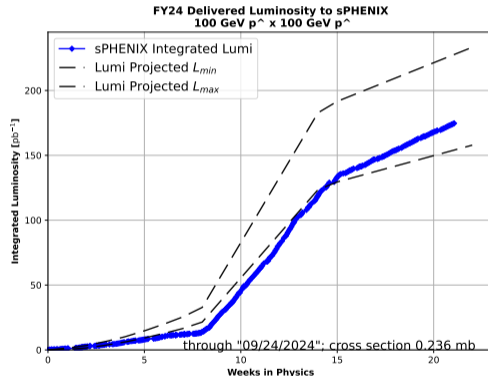
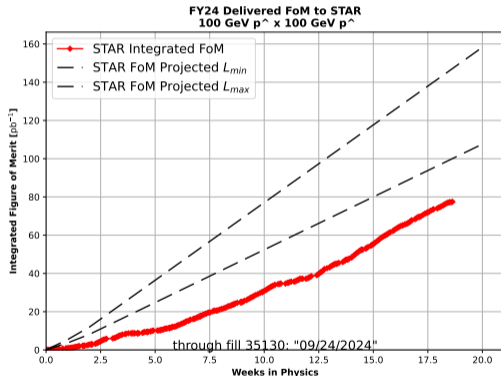


Last Week at RHIC



RHIC status and Lumi Projections

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



Inflection for sPHENIX projections coincides with change in crossing angle.

RHIC Status

- Physics running with up to 2.4×10^{11} /bunch at physics and up to 60% polarization.
- sPHENIX MVTX cooling issues has prompted several accesses to investigate, implement a temporary repair and a permanent repair. Resolved on 09/19.
- 9/20 Access to sPHENIX IR to repair a failed switch on an equipment rack.
- 9/21 Elevated sPHENIX backgrounds on 2x stores, resolved with adjusting orbits and collimation.
- 9/22 Access to Booster to repair MW006
- 9/22 Blue QLI at injection due to momentary glitch.
- RHIC status meeting everyday next week.

Key dates

Event

April 15, 2024 through September 30, 2024

RHIC polarized proton operations

September 30, 2024 through October 21, 2024

RHIC Au operations

October 21, 2024

End of RHIC Run24