

2024 4 15



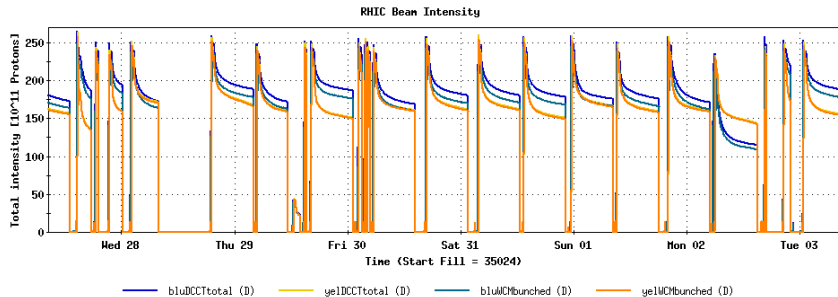
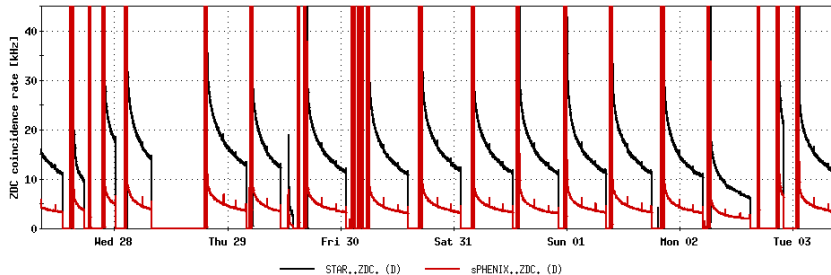
RHIC Status

Kiel Hock

Time Meeting
September 3, 2024

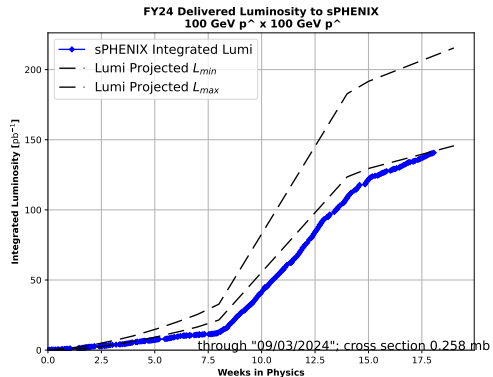
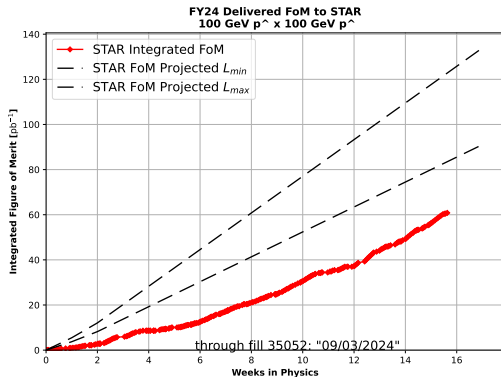


Last Week at RHIC



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 2.3×10^{11} /bunch at physics and 55% polarization.
- Several trips of the STAR magnet, repaired
- Maintenance day last week. APEX this week.
- sPHENIX PLC failure required script to be relaunched.
- 4a-bsyn ongoing issues which cause issues with BPM FECs. Still be investigated.
- MD Thursday showed insufficient DA to squeeze both IRs.
- PASS sector 8 A=B error still being investigated.
- Blue injection kicker mod 1 reservoir voltage increased 74 mV to correct a drift.

Two week extension official

Key dates

April 15, 2024 through September 30, 2024
September 30, 2024 through October 21, 2024
October 21, 2024

Event

RHIC polarized proton operations
RHIC Au operations
End of RHIC Run24