

2024 4 15



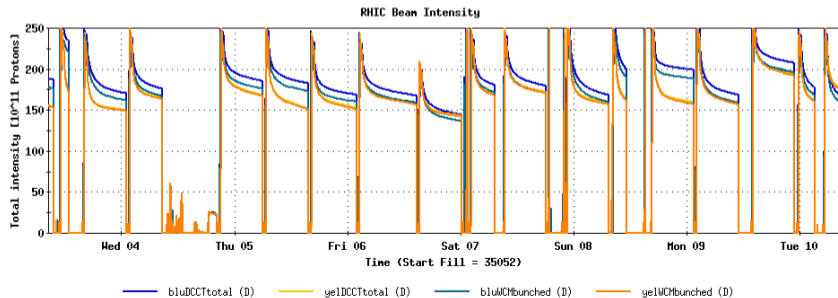
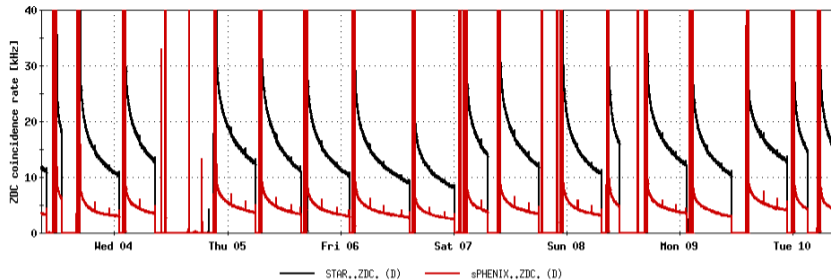
RHIC Status

Kiel Hock

Time Meeting
September 10, 2024

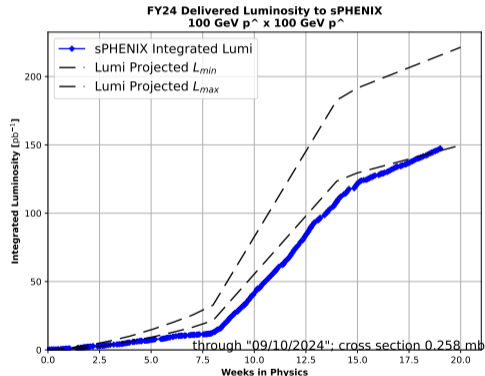
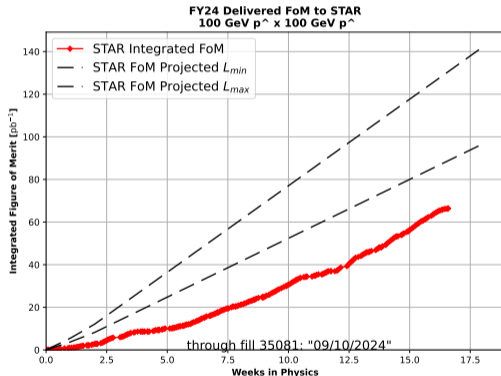


Last Week at RHIC



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 up to 55% polarization.
- OPPIS issues last week caused the Rb to be overfilled resulting in lower polarization.
 - ▶ Found helium valve was not opening fully and was repaired.
- Issues yellow polarization measurements at injection causing permit trips. Switched to new target.
- Several QLIs in blue over the weekend.
- RHIC status meeting switched to Monday, Wednesday, and Friday until switch to Au.

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