

2024 4 15



RHIC Status

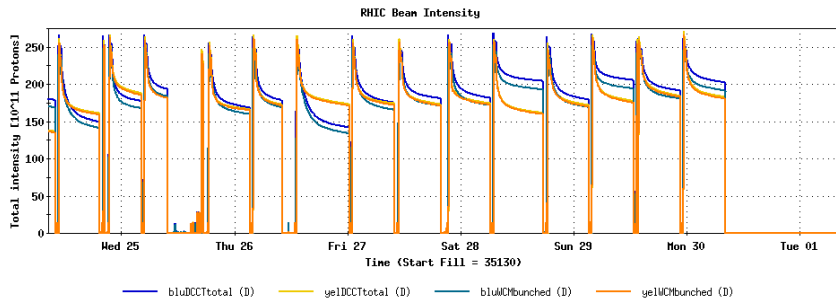
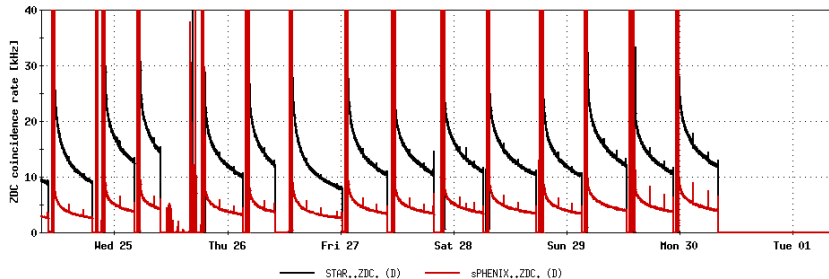
Kiel Hock

Time Meeting

October 1, 2024

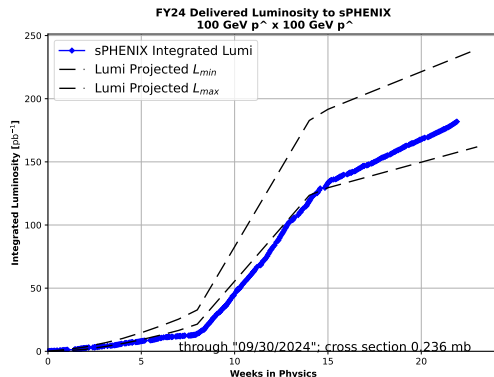
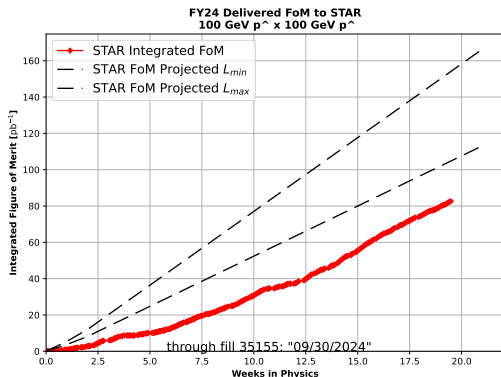


Last Week at RHIC



RHIC status and Lumi Projections

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



	STAR	sPHENIX
Total delivered (pb^{-1})	271.1	181.9
Misc. (pb^{-1})	83 (FOM)	55 (± 10 cm)

RHIC Status

- Physics running with up to 2.4×10^{11} /bunch at physics and 50-60% polarization.
- APEX last week. Maintenance yesterday.
- OPPIS went unstable and brought offline 9/30 @0000.
- Polarized proton run concluded 9/30 @0800.
- Maintenance yesterday to fix AC at 1004 (not completed) and get RF storage cavities ready for conditioning.
- Yellow abort kicker failed, 6 hour investigation on 10/1, time to repair undetermined.
- High current shutoff and DX training postponed. QLI on 10/1 while trying for high current shutoff.
- Intensity in AGS for Au $\sim 2 \times 10^9$ /bunch.