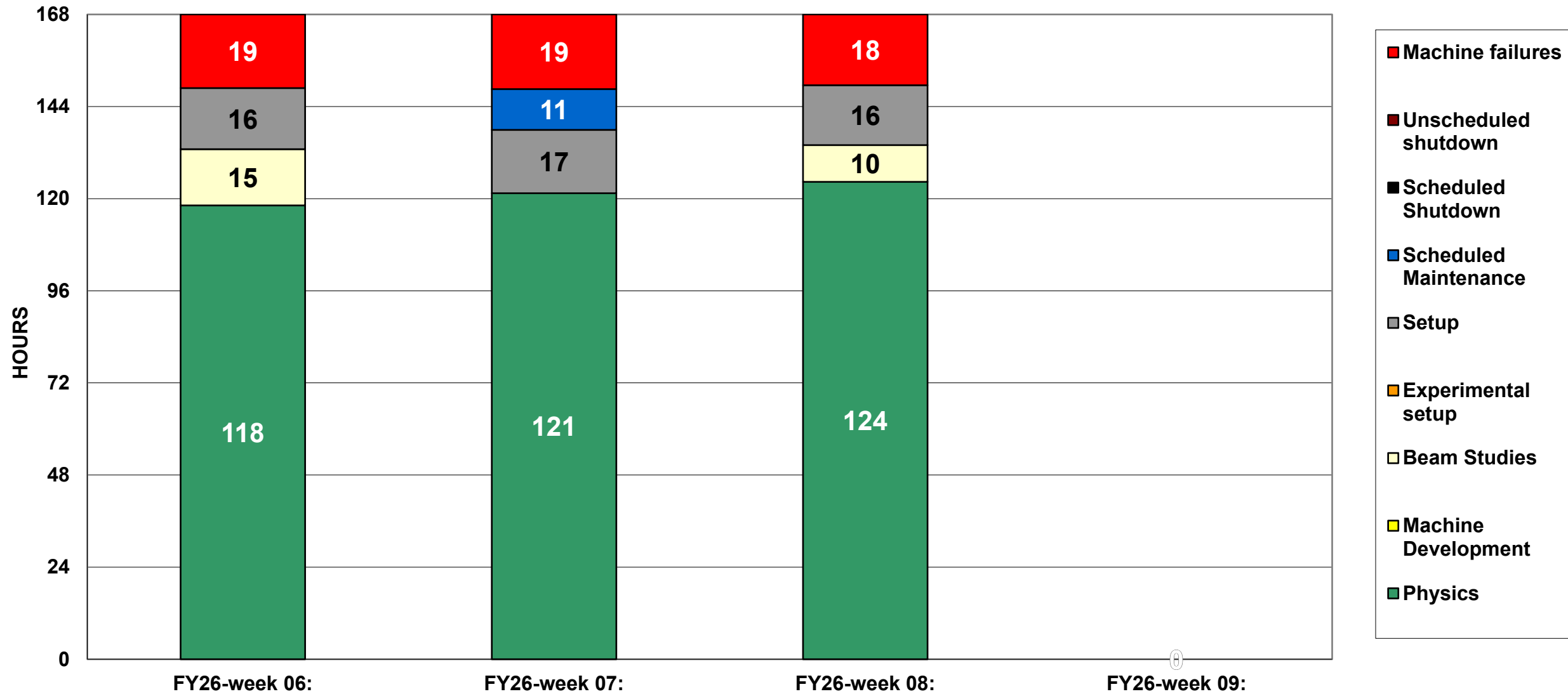
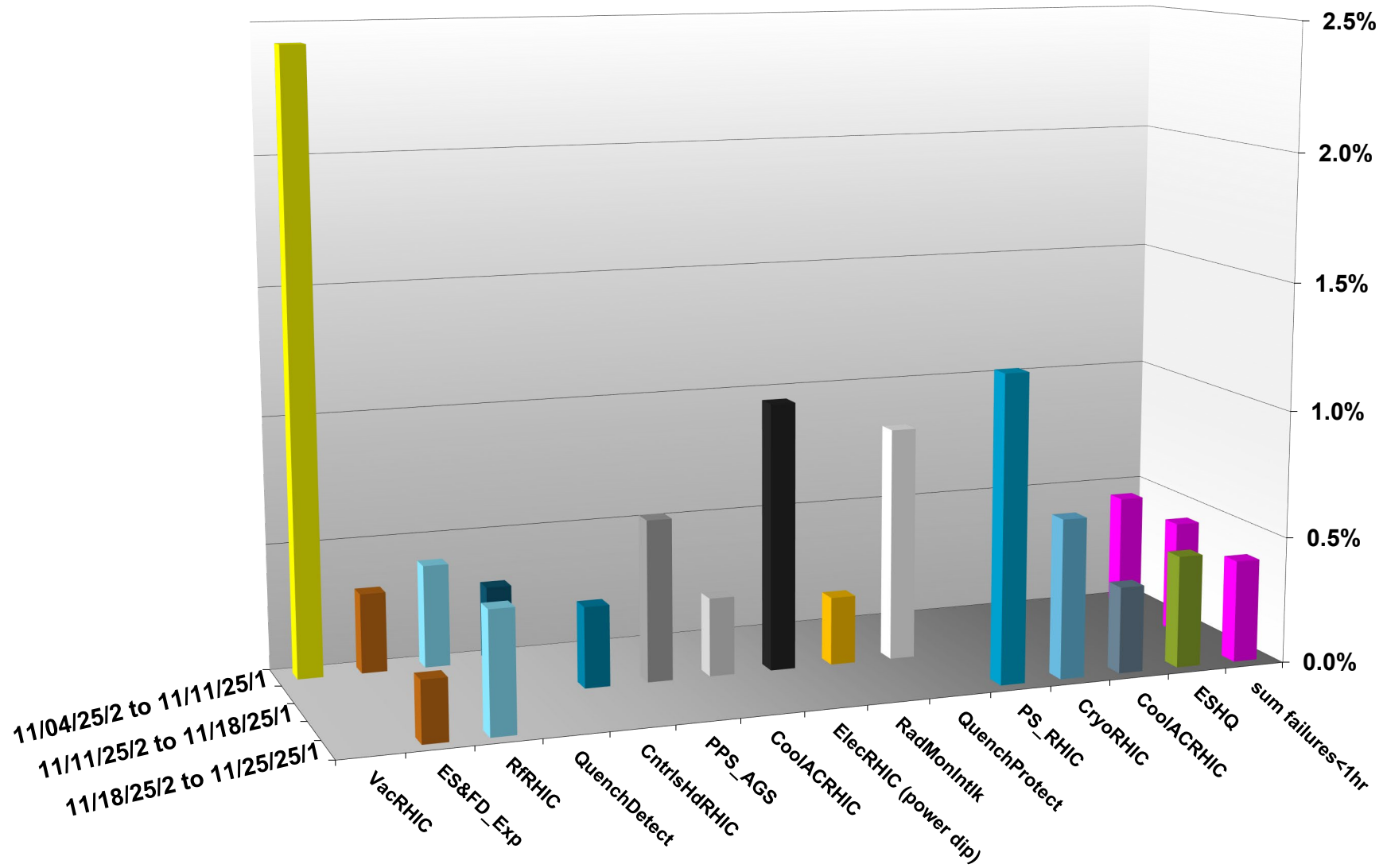


# C-AD ACTIVITY      NOVEMBER 2025



# INTEGRATED FAILURES (GREATER THAN ONE HOUR) BY SYSTEM -- NOVEMBER 2025



# NSRL activity past weeks: 11/18-25/2025 (as of 0800)

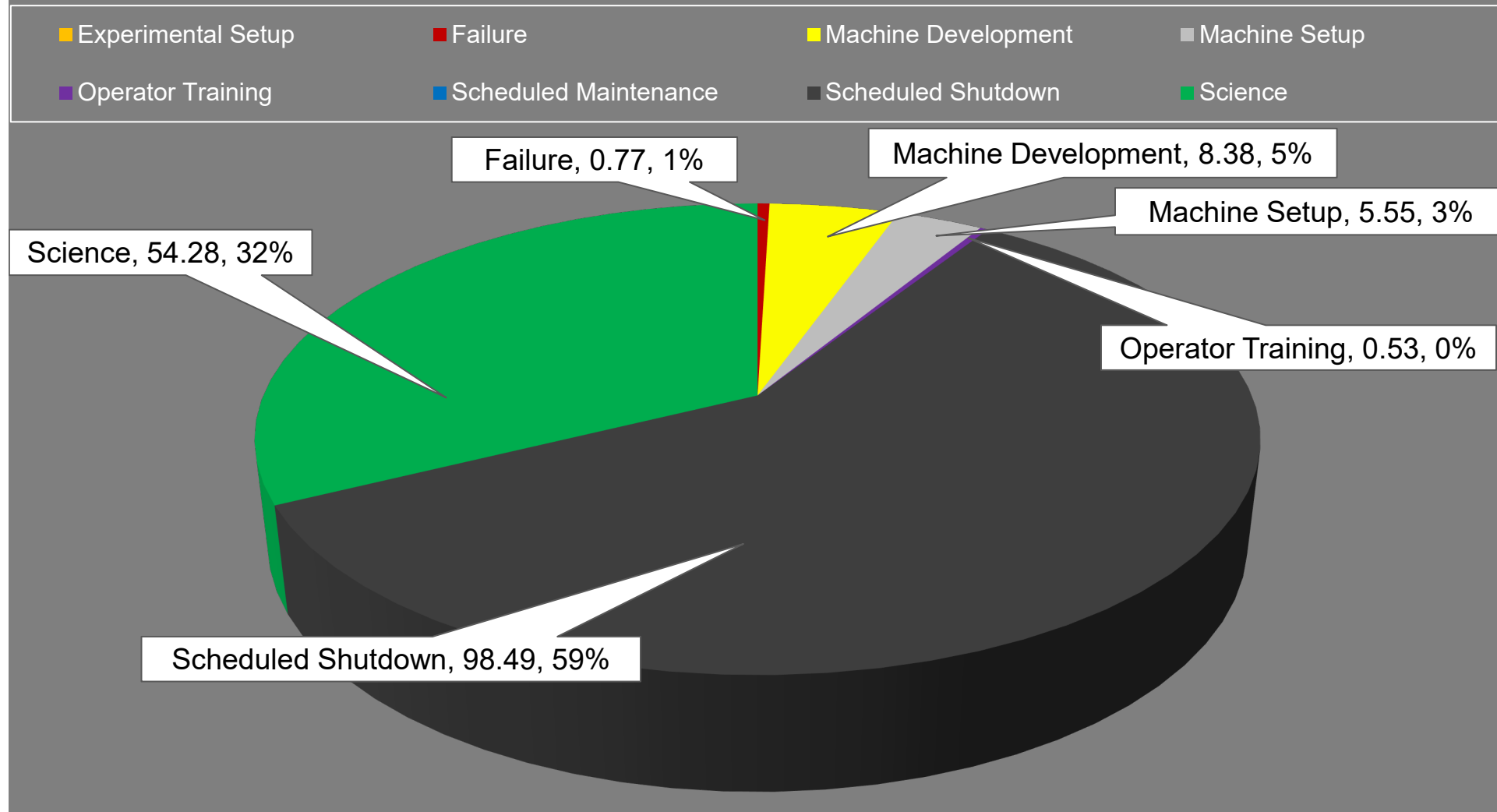
NSRL running continues.

Various setup, development, and user beam time through the week.

8 EBIS species, Tandem Au, Linac protons logged to NSRL

Run 26-A continues, **schedule posted** with users up to **21 December**.

## NSRL Hours



# Notes from Operations

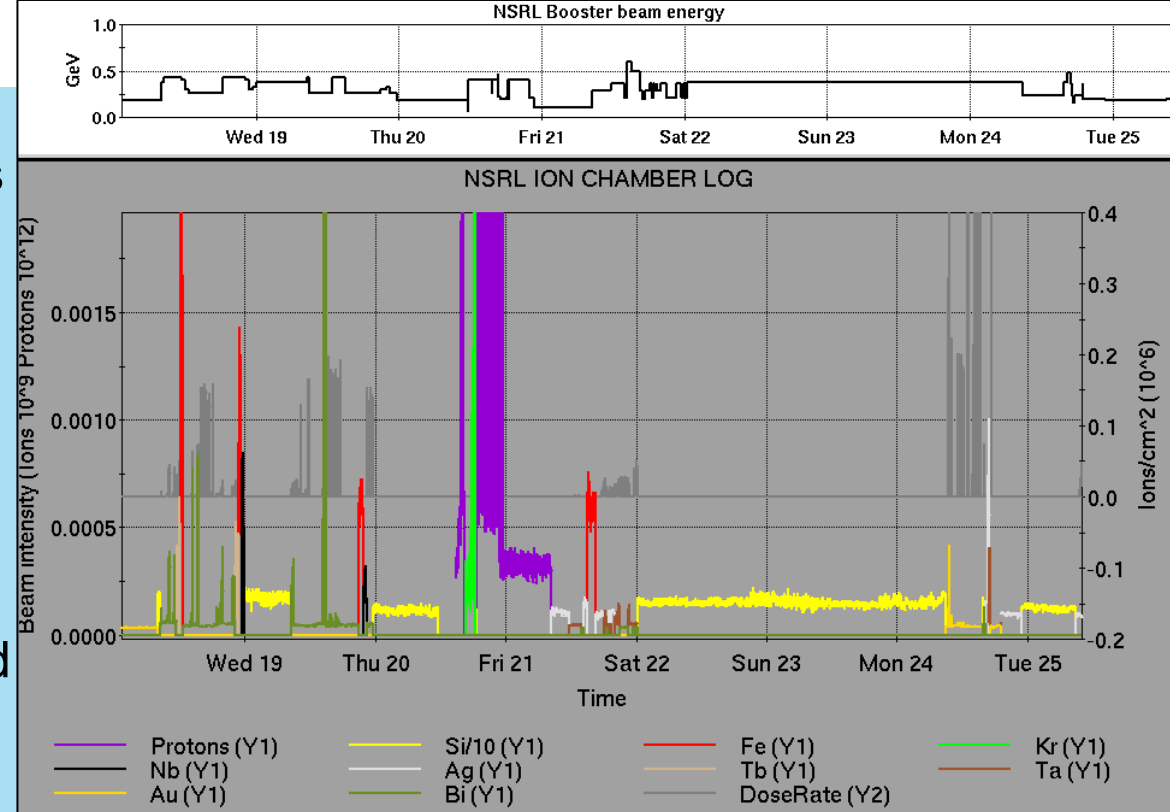
## Notable failures (>1 hr)

- Access for bi5-th9-ps replacement. Subsequent access for persistent HVAC issues.
- Yellow QLI during low energy setup; yi6-qd2-ps replaced
- Cryo communication failure; IO card work and recalculation of thermistor flow rates
- BLM abort, bi5-tq4-ps trip
- STAR flammable gas detection system failure, access for repair
- STAR access for detector trigger crate repair
- Permit abort, 56MHz MPS flow sensor issues bypassed

## Other notes

- AGS RF station JK feedback amp replaced
- Various Tandem MP7 sparks, HV recoveries
- BLM abort at injection, y line retuned
- NQBPS/QLI abort at store, bi9-qf3 failure, reset
- sPHENIX magnet trip
- VODH communication failure, reset
- Other various trips, resets, tuning, foil changes (39 resets logged, in addition to short failures)

Over 110 hours polarized beam development, other setup this week.

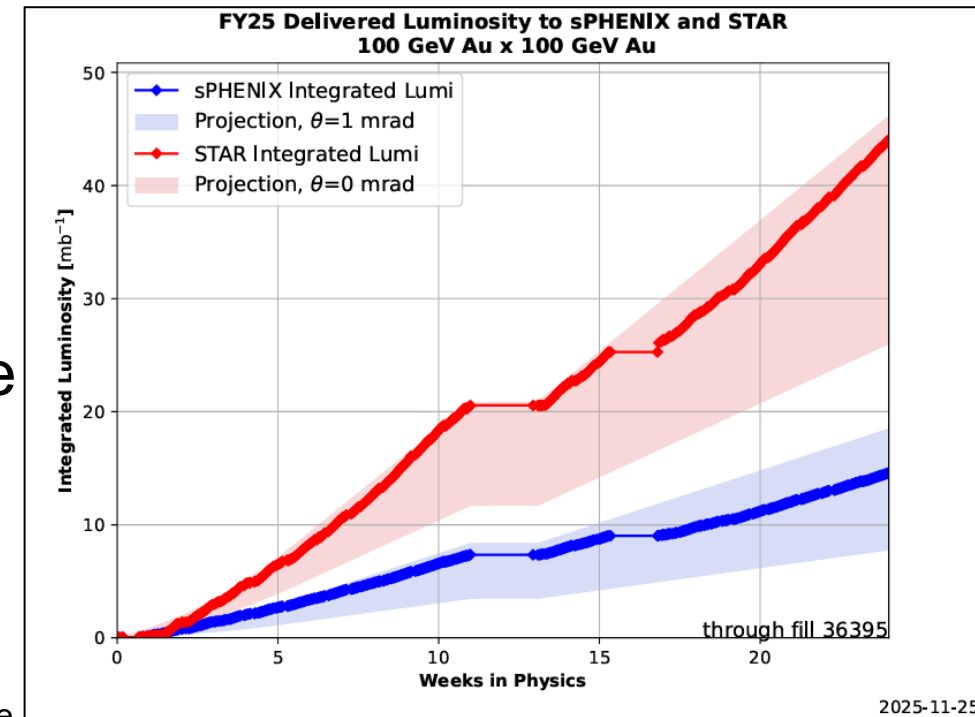


| Setup Filter |            |           |          |          |             |           |             |          |           | Help          |
|--------------|------------|-----------|----------|----------|-------------|-----------|-------------|----------|-----------|---------------|
|              | Linac      | Tandem    | EBIS     | Booster  | AGS         | ATR       | RHIC        | ERL      | Other     | Total         |
| Total        | 39<br>(19) | 2<br>(27) | 0<br>(6) | 9<br>(7) | 245<br>(14) | 27<br>(0) | 868<br>(19) | 0<br>(0) | 34<br>(9) | 1224<br>(101) |
| RF           | 23<br>(0)  | 0<br>(0)  | 0<br>(0) | 1<br>(1) | 12<br>(0)   | 0<br>(0)  | 4<br>(3)    | 0<br>(0) | 7<br>(6)  | 47<br>(10)    |
| PS           | 12<br>(9)  | 2<br>(5)  | 0<br>(4) | 6<br>(2) | 203<br>(7)  | 20<br>(0) | 410<br>(0)  | 0<br>(0) | 2<br>(2)  | 655<br>(29)   |
| Vacuum       | 0<br>(0)   | 0<br>(22) | 0<br>(2) | 2<br>(3) | 24<br>(0)   | 2<br>(0)  | 64<br>(14)  | 0<br>(0) | 11<br>(0) | 103<br>(41)   |
| Inst         | 0<br>(0)   | 0<br>(0)  | 0<br>(0) | 0<br>(1) | 1<br>(2)    | 1<br>(0)  | 2<br>(2)    | 0<br>(0) | 6<br>(1)  | 10<br>(6)     |
| Other        | 4<br>(10)  | 0<br>(0)  | 0<br>(0) | 0<br>(0) | 5<br>(5)    | 4<br>(0)  | 388<br>(0)  | 0<br>(0) | 8<br>(0)  | 409<br>(15)   |

# Reminder from Operations

- MCR beam operations continue

- RHIC physics continues
  - Tandem (MP7) remains sole provider of Au31 for RHIC
- NSRL shifts scheduled for users & MD, 3 days this week, 6 days next.
  - Au31 from Tandem for higher intensity
  - Protons from Linac OPPIS
  - Other ion beams from EBIS;
    - H<sub>2</sub> as needed for H delivery
    - Various MD on additional setups
- BLIP run anticipated 12/19 pending Mod 7 and other issues. ORC in progress.
- AGS tuning, pp setup, other studies to continue behind stores as time allows.
- MCR shift coverage 24/7, **ALL WEEK.**
  - **UPDATE YOUR CALLIN LIST.** We may need you!



# Availability: RHIC Run-25

