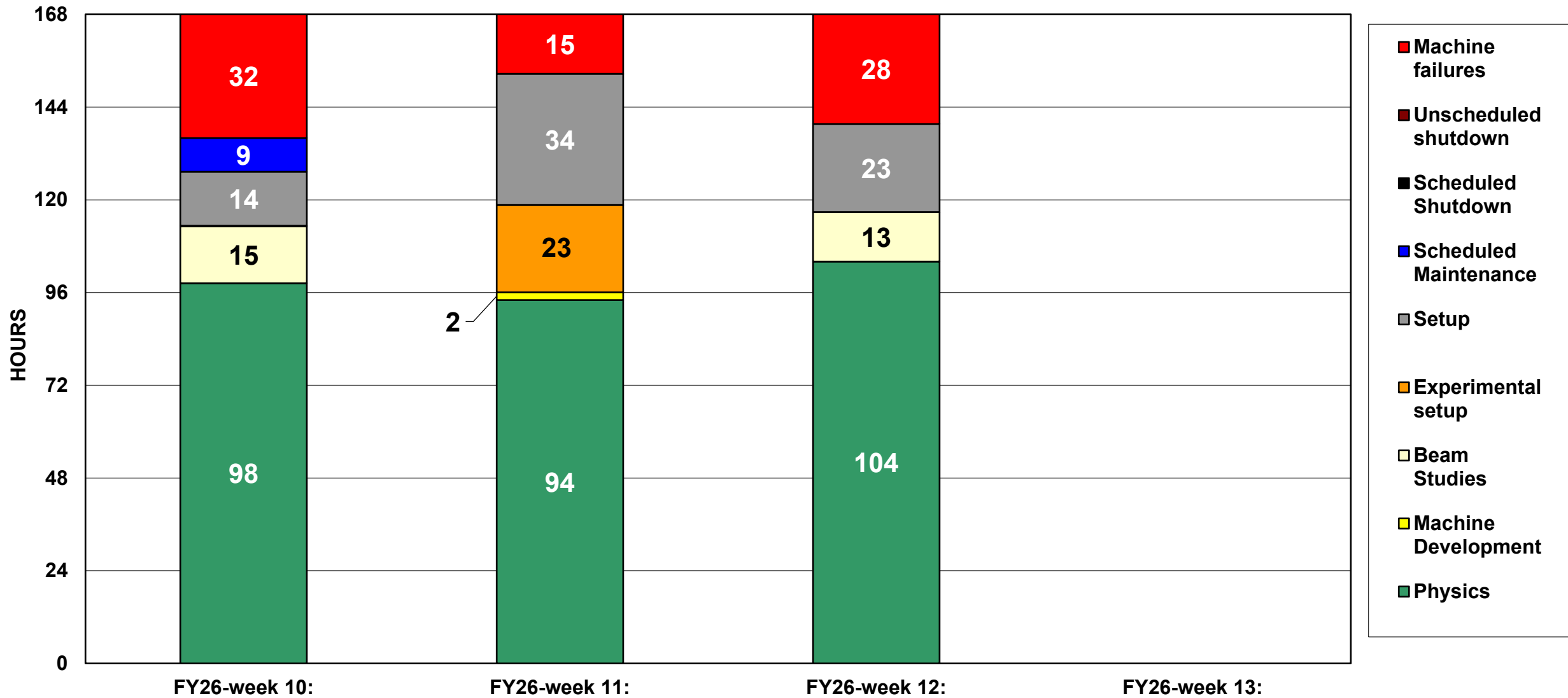
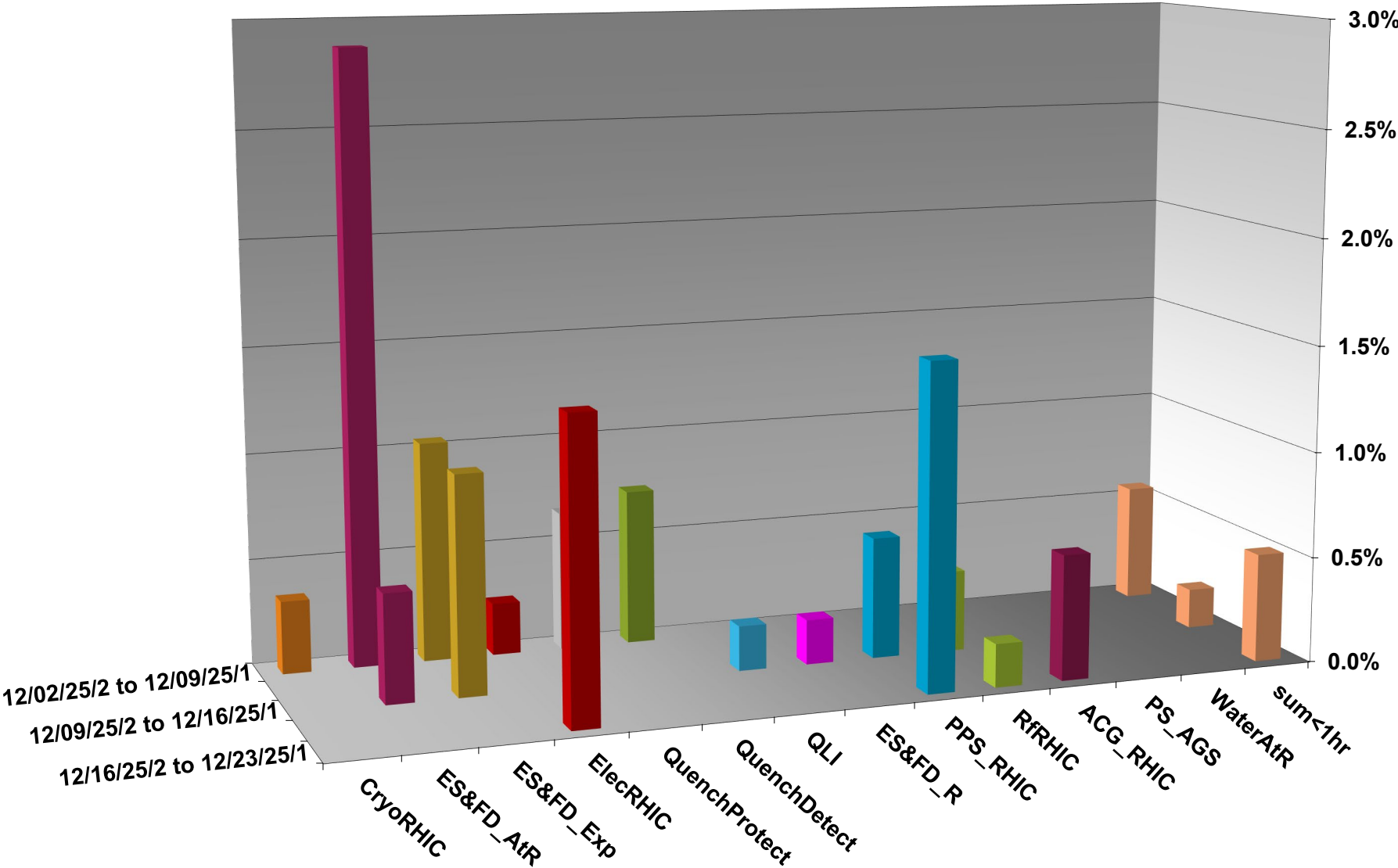


C-AD ACTIVITY DECEMBER 2025



INTEGRATED FAILURES (GREATER THAN ONE HOUR) BY SYSTEM DECEMBER 2025



NSRL activity past weeks: 12/16-23/2025 (as of 0800)

NSRL running continues.

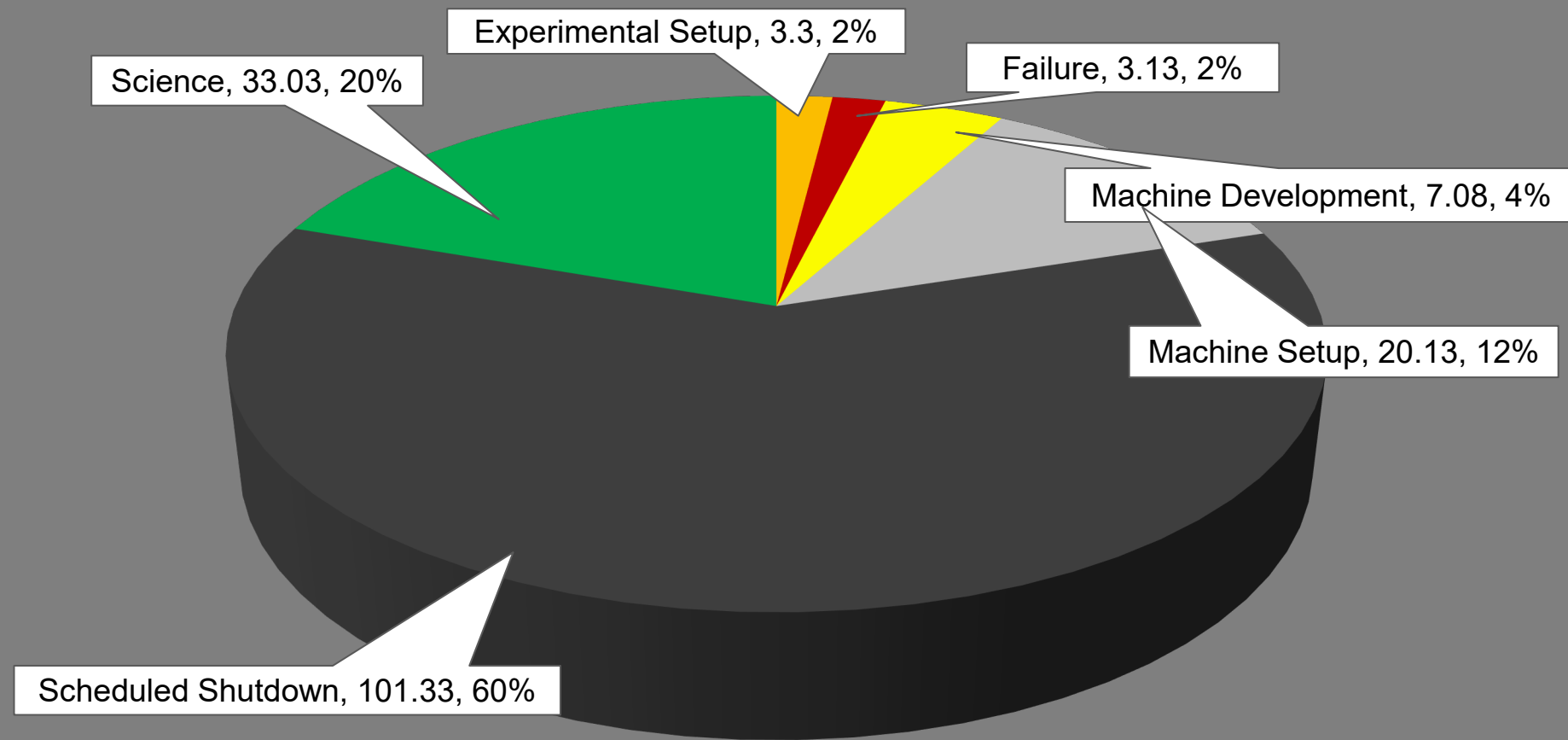
Various setup and user beam time through the week.

10 EBIS species, Linac protons logged to NSRL

Including H₂, d, d₂

Run 26-A continues,
schedule posted with users
up to 30 January.

NSRL Hours



Availability: 95.3%

Notes from Operations

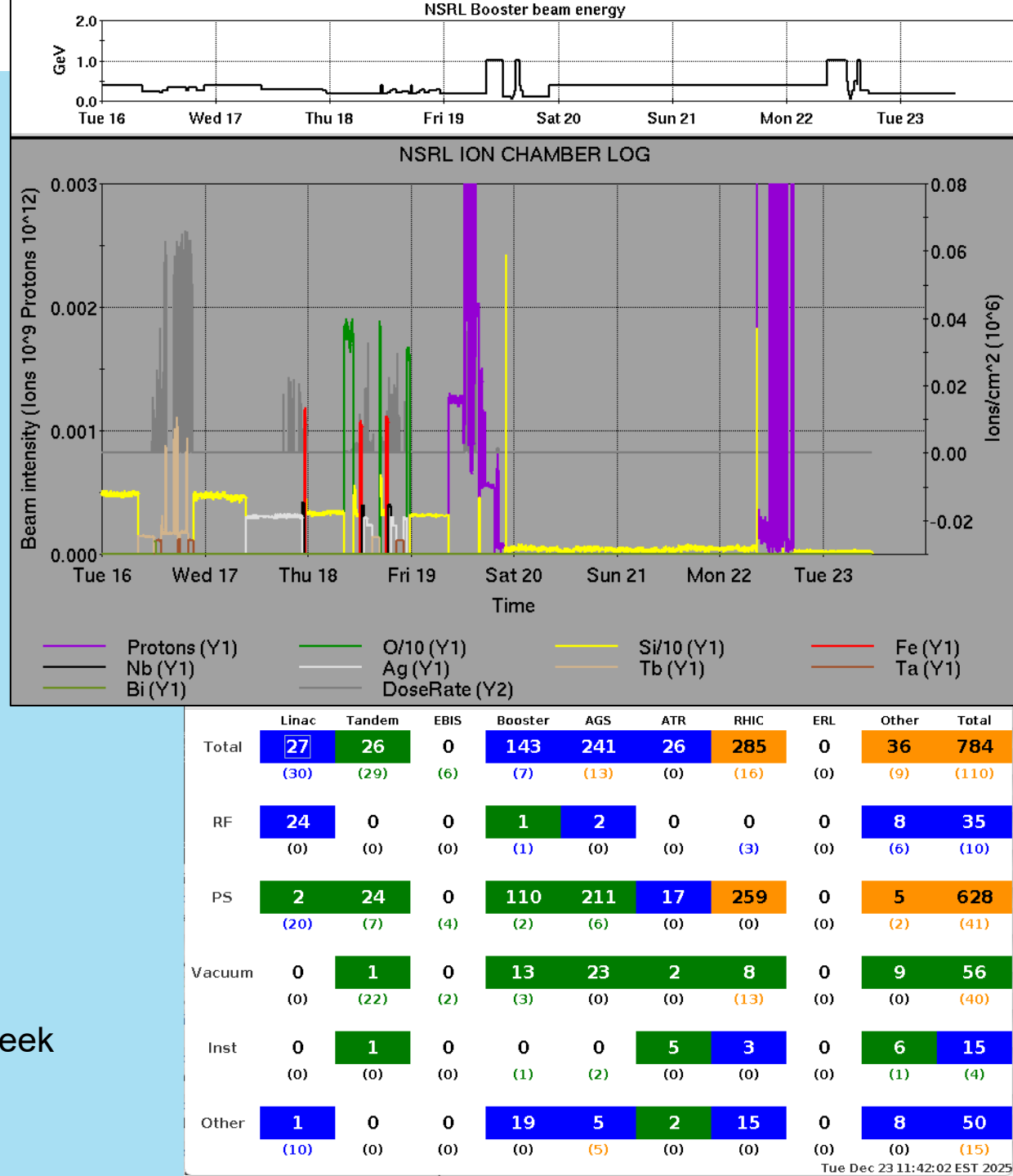
Notable failures (>1 hr)

- AGS MMPS cycloconverter fault, reset
- RHIC ACS failure (3x), access for PLC I/O module replacement
- Multiple AtR cooling faults, work on flow switches and filter bags
- Blue injection kicker PS control hardware failure, 16-bit data converter replaced
- Blue abort kicker misfire at injection, undiagnosed
- Multiple power dips with weather stand-down and recovery of numerous systems complex-wide
- AGS vertical tune quad PS failure; one unpolarized fill during repair
- BtA quad PS qf10, qd11 multiple issues requiring retuning beam during repair
- Delayed dump for Linac Mod 1 repair, 8618 tube replaced
- sPHENIX equipment failure, pump room trip affecting racks in IR

Other notes

- Work on AGS RF stations B, KL
- Human error, RHIC MMPS current limit key configuration
- Linac air compressor and nitrogen supply failure
- Access for sPHENIX TPC issues
- Other various trips, resets, tuning (12 resets logged, in addition to short failures)

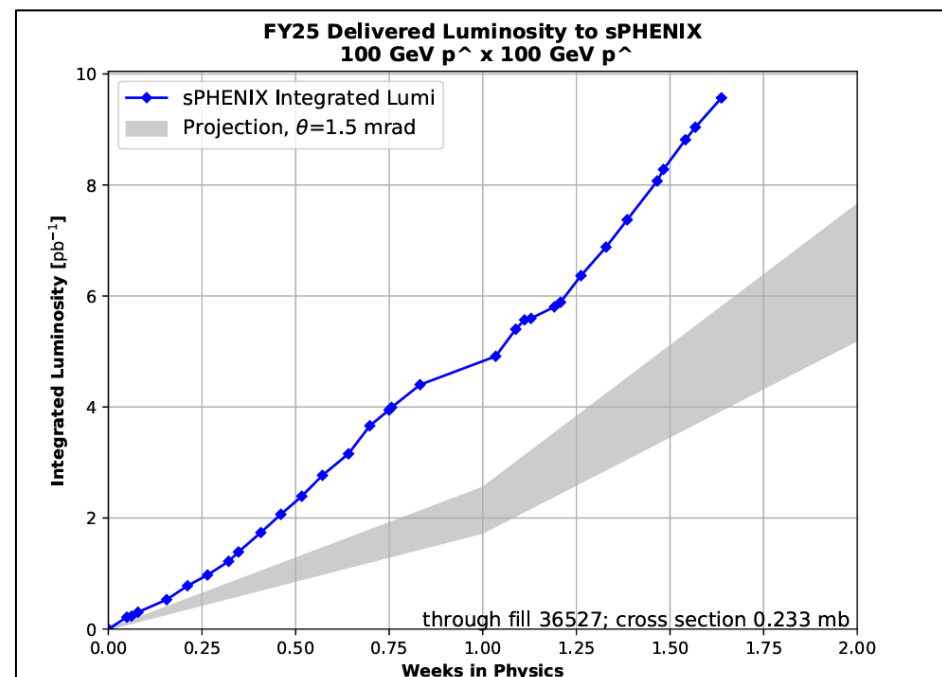
Polarized beam development and other setup behind stores this week



Reminder from Operations

- MCR beam operations continue

- RHIC physics continues this week with polarized protons from LINAC
- NSRL users concluded until early January.
 - Protons from Linac OPPIS
 - Other ion beams from EBIS including H_2 , d , d_2
- BLIP target production not scheduled until March.
 - Beam in BLIP line ORC cancelled, due to pending restart authorization.
- AGS tuning, pp setup, other studies to continue behind stores as time allows.
- MCR shift coverage 24/7
 - Please update calling lists for available staff!!



Availability: RHIC Run-25

