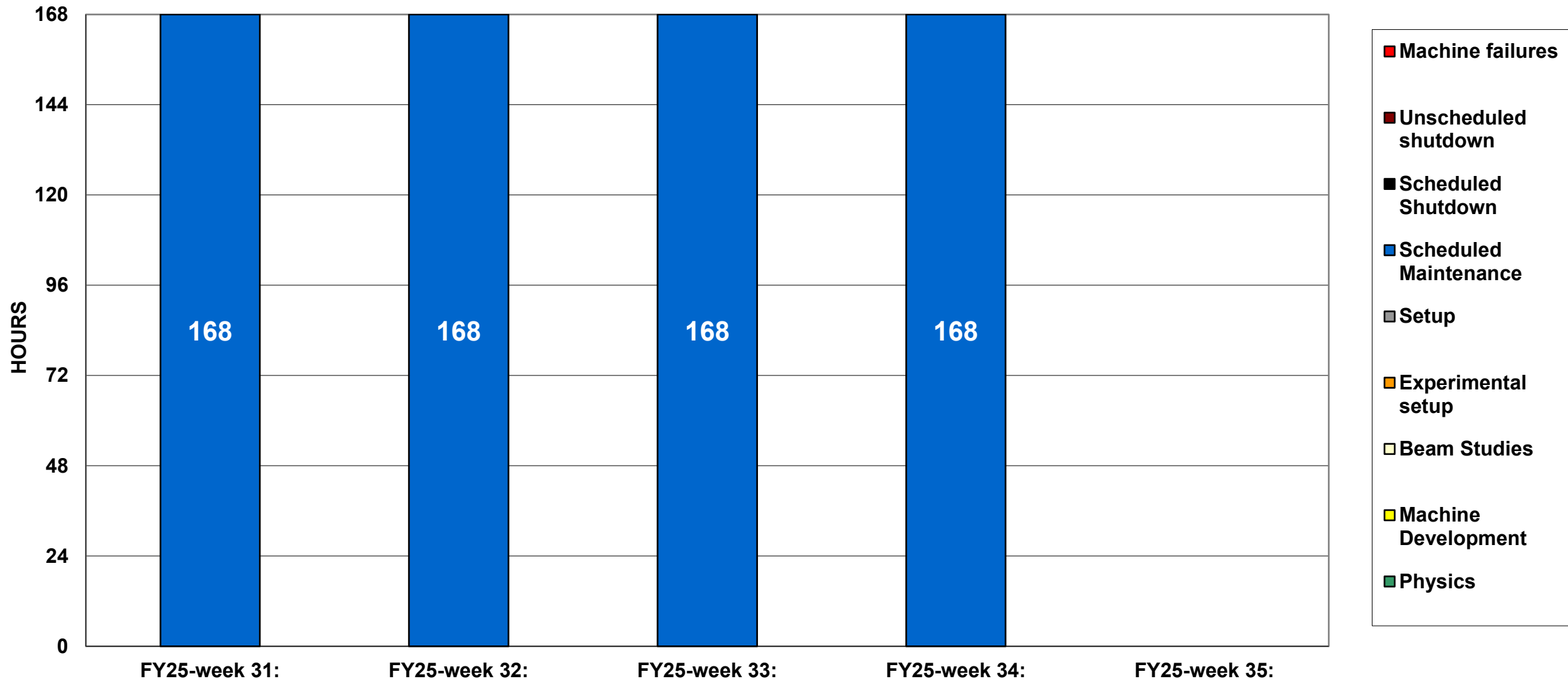
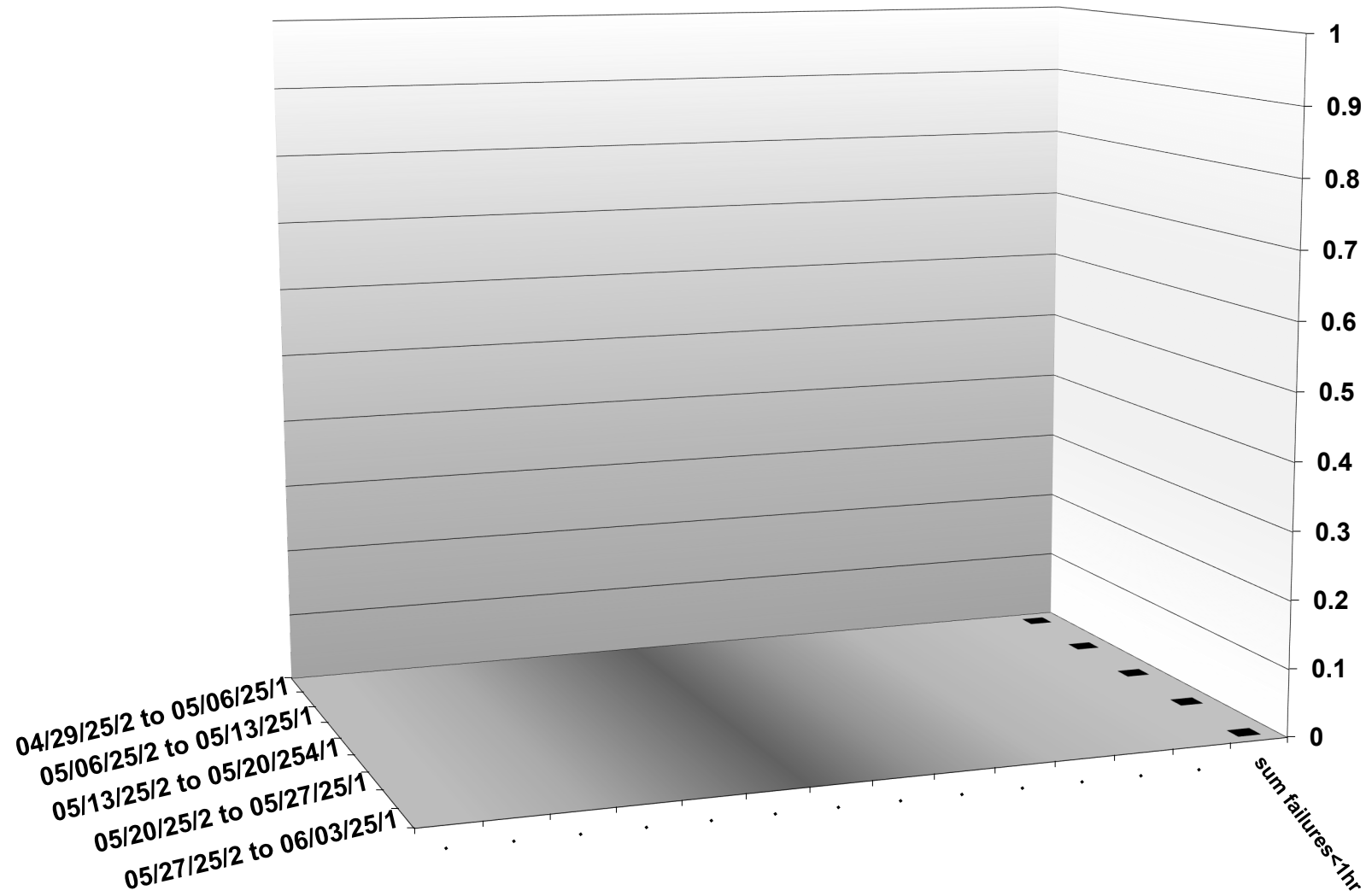


C-AD ACTIVITY MAY 2025



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



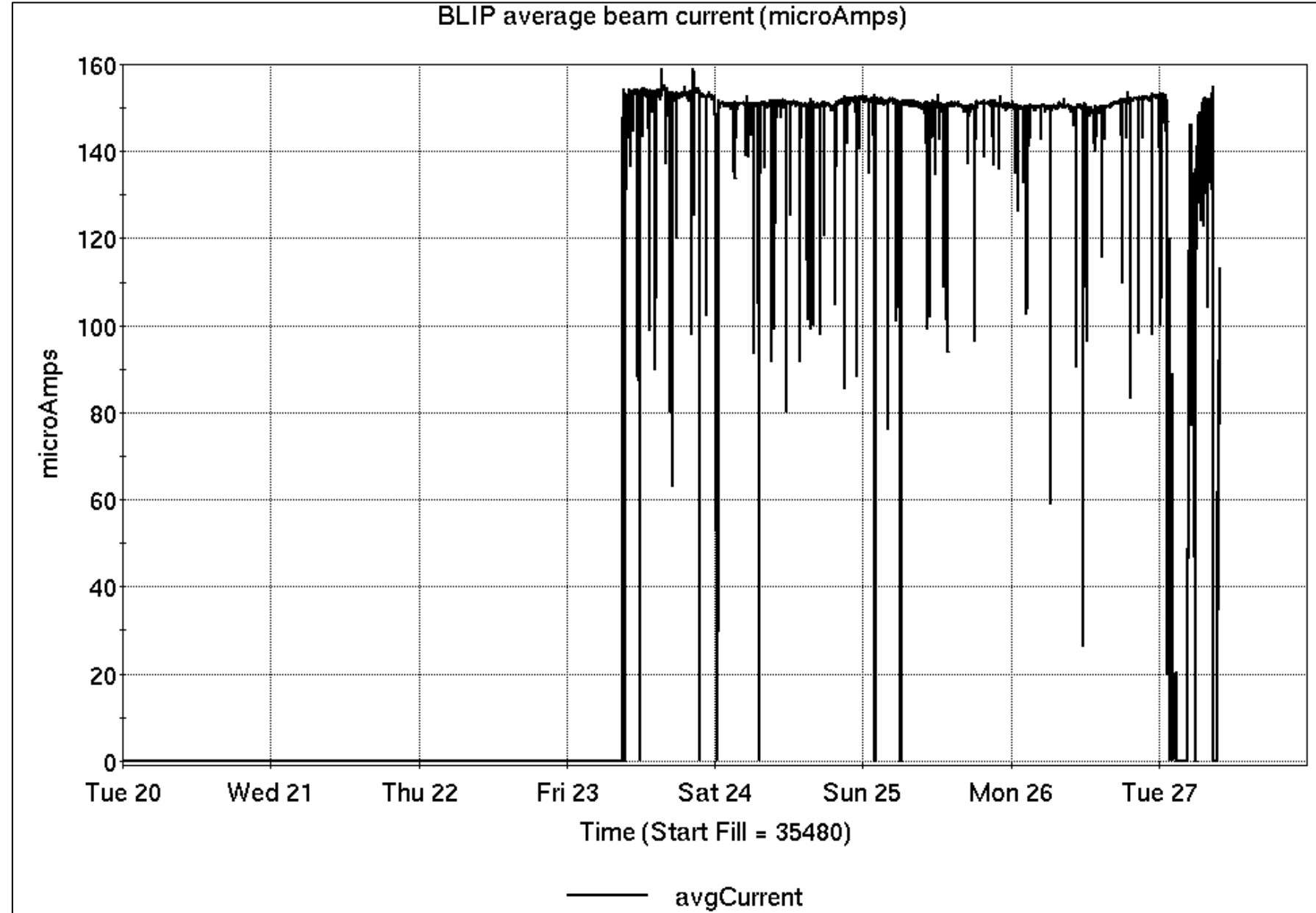
Operations for BLIP

5/20-27/2025:

200 MeV production
began Friday.

- 89.78 hr production
- 4.68 hr failures

Availability: 95.1%



NSRL activity past week: 5/20-27/2025 (as of 0800)

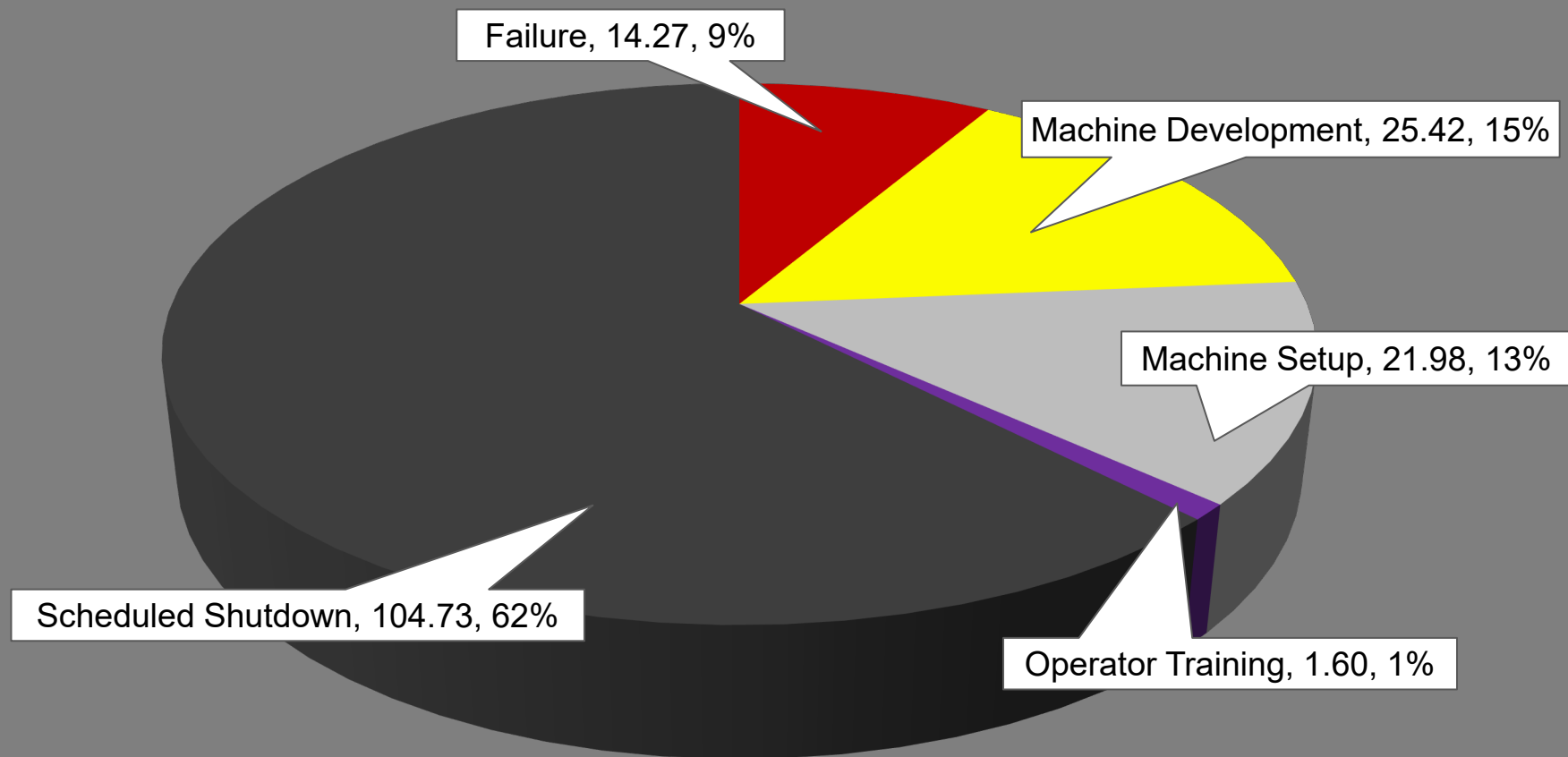
NSRL running continues. No users; beam setup & development for upcoming schedule.

No Tandem ions; Linac protons.

EBIS He, O, *Si, Ti, Fe, Nb, Au* in Booster and delivered to NSRL. Ta, Bi pending.

Running 25-A schedule since 3 February. Schedule posted, **updates to 28 June** for beams & users. **25-C schedule yet to be published for July-September.**

NSRL Hours



Availability: 77.4%

Notes from Operations

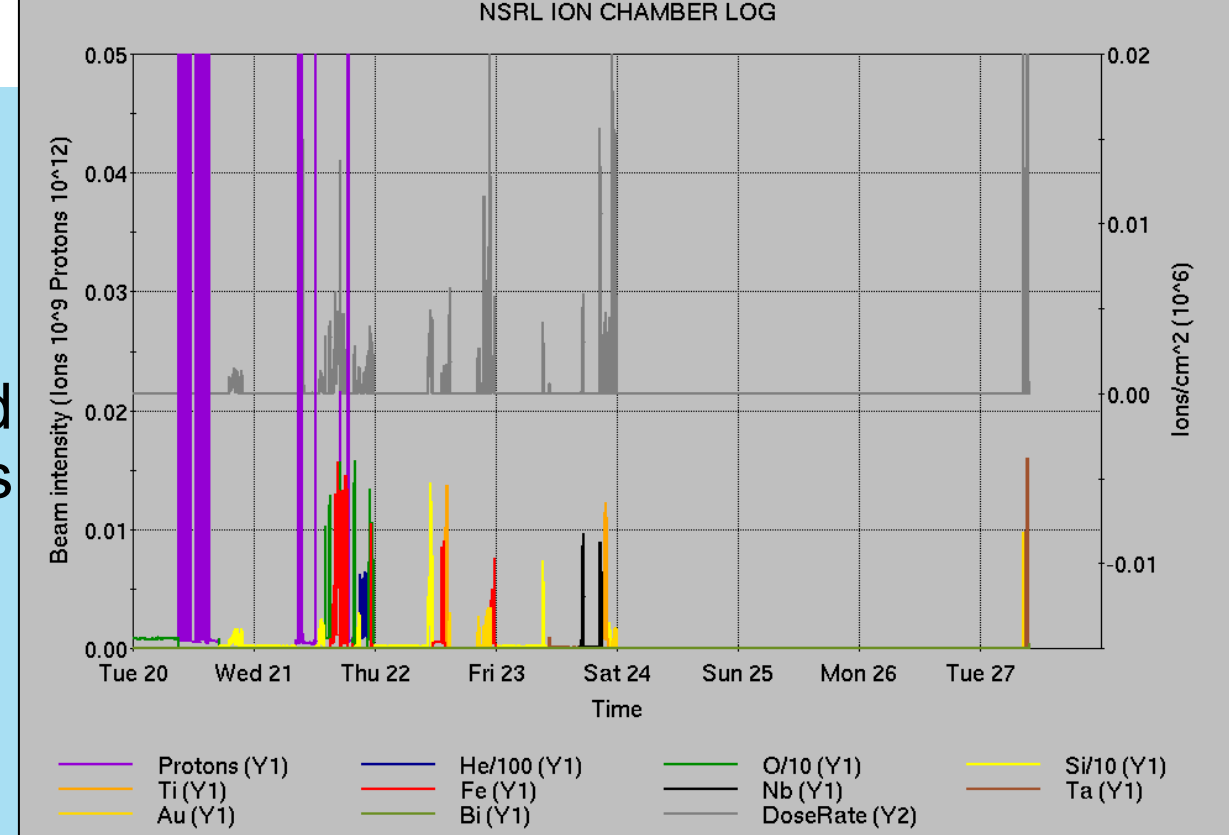
Notable failures (>1 hr)

- RHIC Blue main dipole system failure, awaiting cooldown & testing
- AGS extraction bump failures, ongoing
- AGS G10 kicker failure, repairs completed
- EBIS HV pulser PS failure, various repairs
- EBIS HV cage issue, disconnected cable removed
- EBIS timing failures, supercycle software bug fixed
- Booster MMPS trips (7x), various repairs
- Linac hi-intensity source extractor failure, switch to Source 2 in progress.

Other notes

- Linac RF tuning to improve losses, other trips/resets.
- Various Booster, AGS, EBIS PS & RF trips/resets

Over 21 hours injector pp setup, other studies
(when injector systems are available)



	Linac	Tandem	EBIS	Booster	AGS	ATR	RHIC	ERL	Other	Total
Total	6 (0)	12 (37)	14 (0)	3 (7)	14 (9)	98 (8)	1543 (164)	0 (0)	41 (10)	1731 (235)
RF	0 (0)	0 (0)	0 (0)	0 (1)	3 (0)	0 (0)	8 (0)	0 (0)	11 (6)	22 (7)
PS	4 (0)	9 (5)	8 (0)	1 (0)	9 (2)	89 (8)	1471 (122)	0 (0)	0 (1)	1591 (138)
Vacuum	0 (0)	3 (32)	3 (0)	0 (4)	0 (0)	6 (0)	37 (34)	0 (0)	13 (2)	62 (72)
Inst	0 (0)	0 (0)	0 (0)	0 (1)	1 (2)	0 (0)	15 (0)	0 (0)	5 (1)	21 (4)
Other	2 (0)	0 (0)	3 (0)	2 (1)	1 (5)	3 (0)	12 (8)	0 (0)	12 (0)	35 (14)

Reminder from Operations

- MCR beam operations continue
 - Operator/OC shifts continue for NSRL users, 2 shifts/5 days this week and next.
 - No ions from Tandem; Linac protons as required; Ion beams from EBIS.
 - BLIP production continues through 3 June, with additional run to follow.
 - RHIC beam setup pending cooldown, testing repair
 - AtR beam pending extraction PS failures.
 - Dedicated Tandem Au beam setup anticipated 30 May
 - AGS Polarized proton setup, other studies continue 2 shifts/5 days
- *Note: MCR will not be occupied continuously.*
 - No OC on duty overnight until RHIC start. Contact CAS in off hours (x2024) for urgent issues when MCR is not staffed.
- Changes? Time to update is *now*. Expect calls at all hours.
 - Alarm response instructions: Groups prompted for updates
 - <http://directory.pbn.bnl.gov/>
 - CHECK AND EDIT YOUR OWN CONTACT INFO
 - https://www.cadops.bnl.gov/Operations/personnel/call_in_lists/
 - CHECK YOUR CALLIN LIST: expect contact off-hours

Availability: RHIC Run-25

