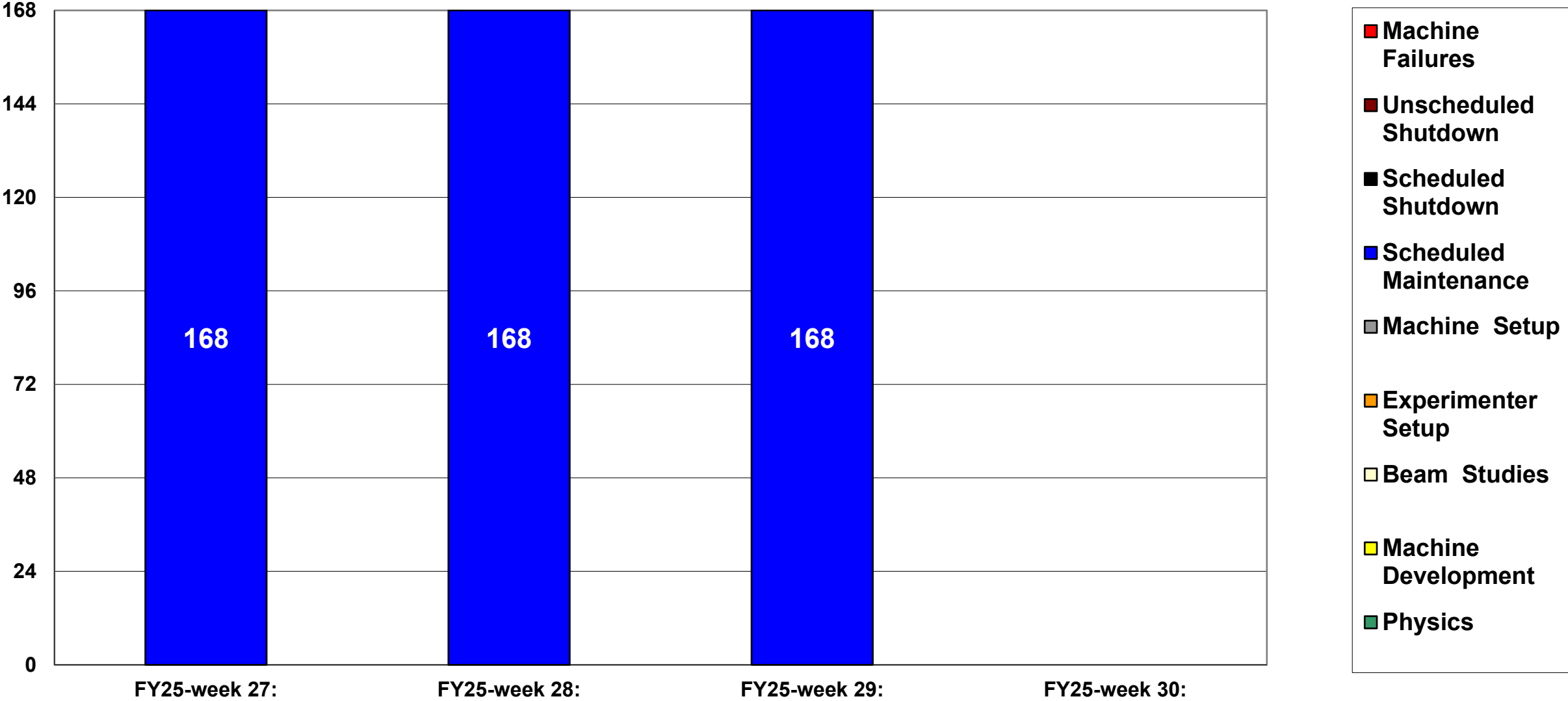
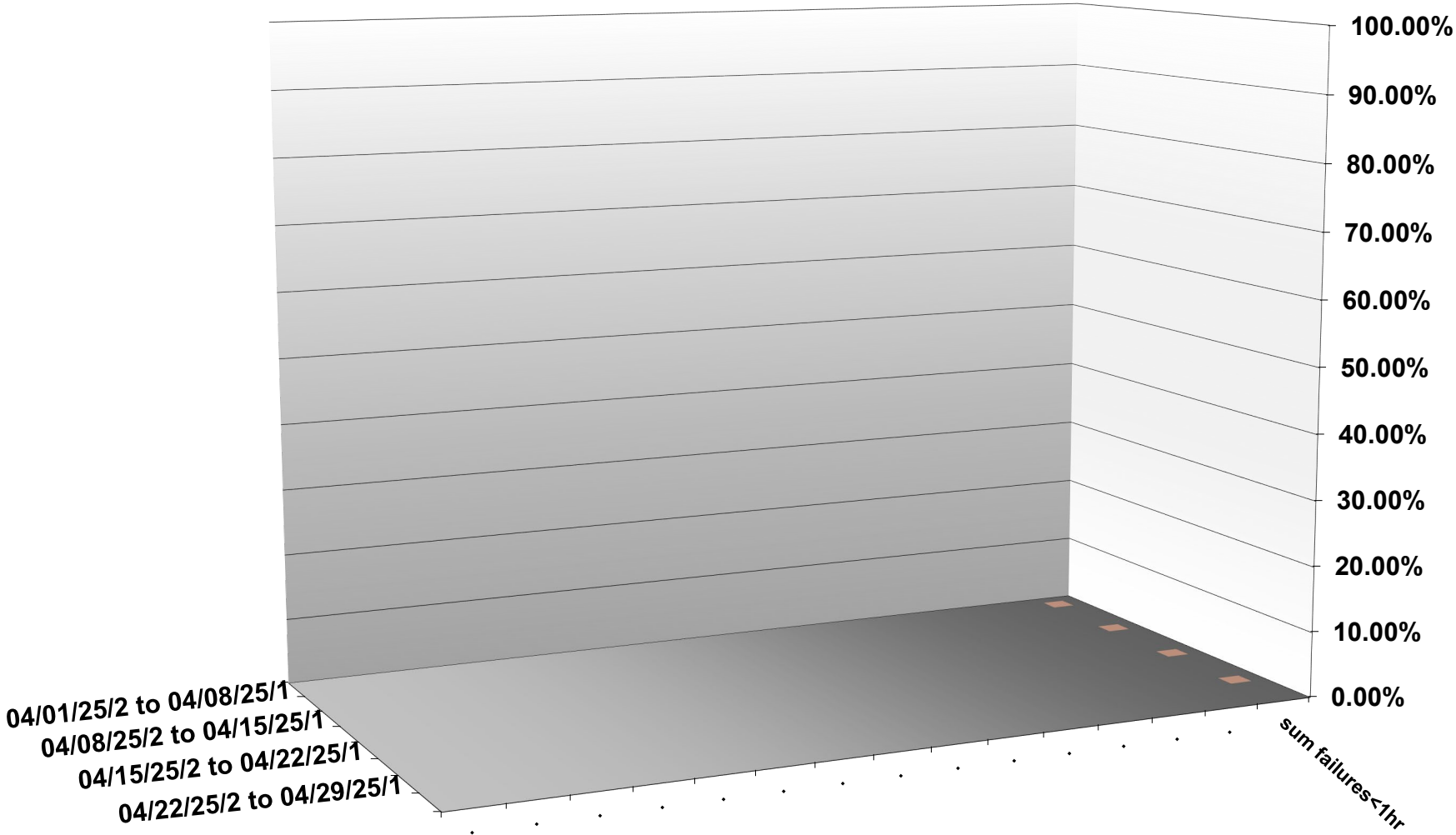


C-AD ACTIVITY April 2025



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



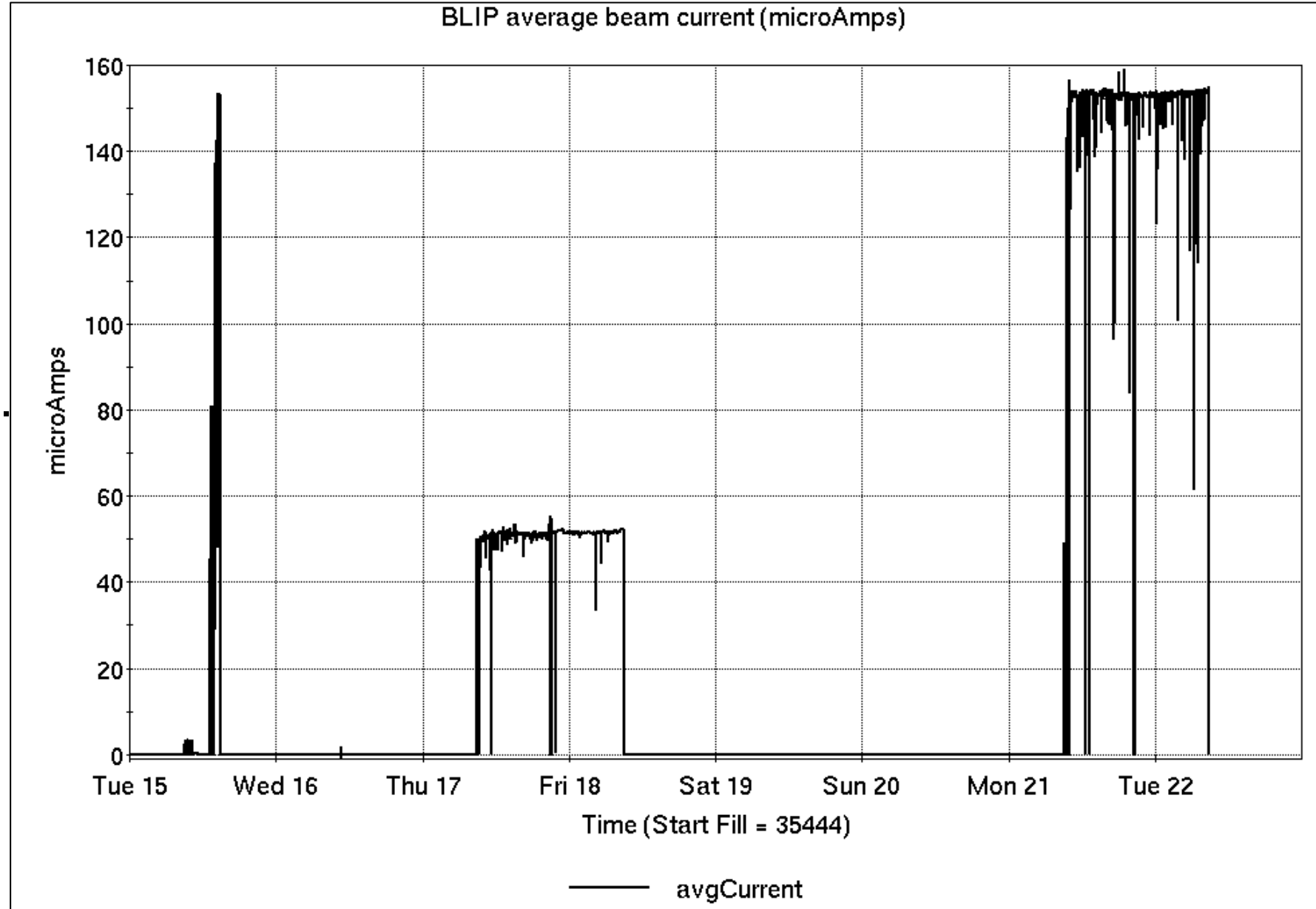
Operations for BLIP

4/15-22/2025:

Short 200 and 117 MeV exposures took place last week; longer 200 MeV exposure began Monday and is ongoing.

- 46 hr production
- 3.12 hr setup
- 0.55 hr failures

Availability: 98.9%



NSRL activity past week: 4/15-22/2025 (as of 0800)

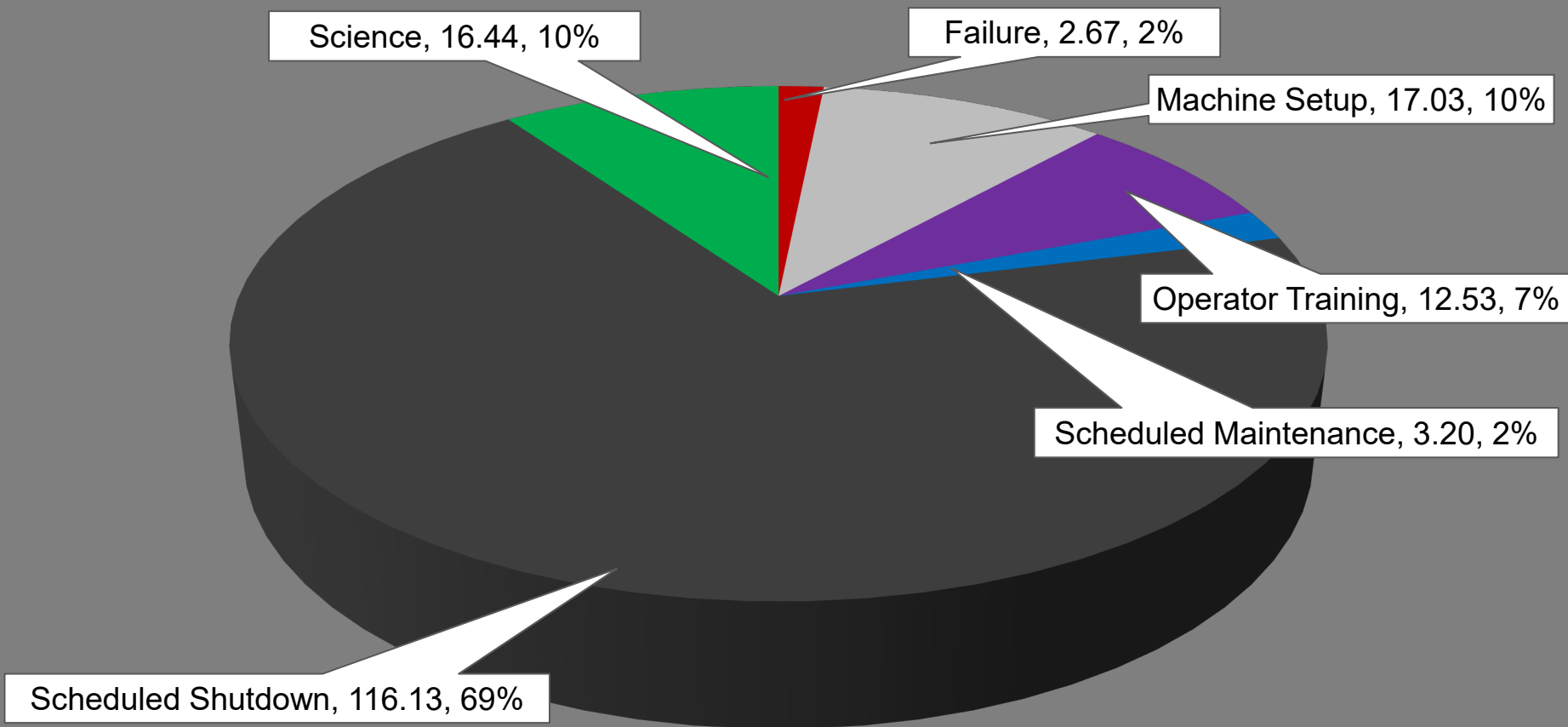
NSRL running continues, with various users running

Tandem Au and Linac protons in use, for single ion modes.

Running 25-A schedule since 3 February. Schedule posted, updates to 28 June for beams & users. 25-C schedule also in planning stages for July-September.

NSRL Hours

Experimental Setup	Failure	Machine Development	Machine Setup
Operator Training	Scheduled Maintenance	Scheduled Shutdown	Science



Availability: 94.5%

Notes from Operations

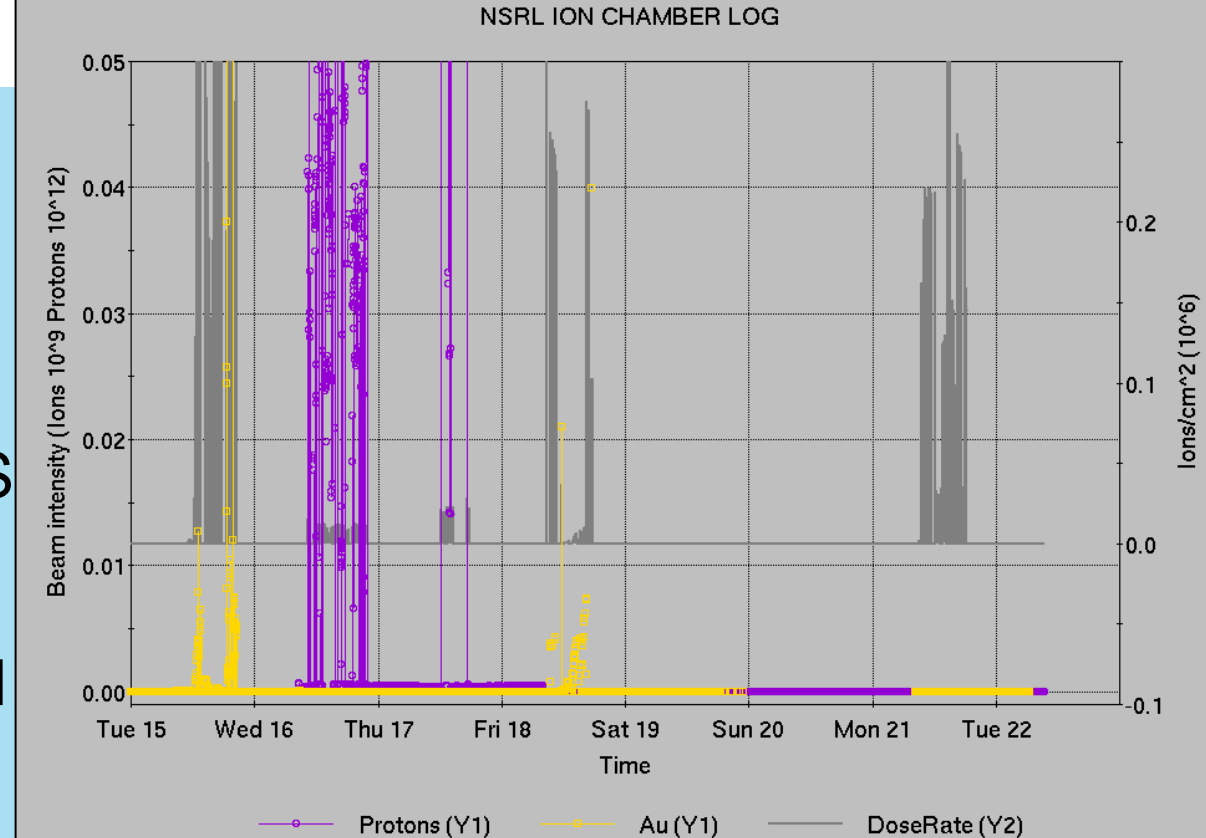
Notable failures (>1 hr)

- RHIC Blue main dipole system failure, ongoing
- AGS extraction bump failures, ongoing
- AGS L20 septum failure, ongoing
- AGS horiz tune meter kicker PS failure, PS replaced
- Booster A6 RF fault, PS replaced at PLC
- Booster B3 RF failure, HLRF power-cycled respond to functions
- AGS B3 cold snake corrector quad failure, local/remote & regulation issues

Other notes

- Various Tandem foil changes, Linac trips/resets

Over 41 hours injector pp setup, other studies (when injector systems are available)



	Linac	Tandem	EBIS	Booster	AGS	ATR	RHIC	ERL	Other	Total	Filtered to present running state.
Total	5 (0)	13 (29)	0 (0)	6 (4)	152 (10)	0 (0)	4 (12)	0 (0)	1 (0)	181 (55)	
RF	0 (0)	0 (0)	0 (0)	1 (0)	0 (0)	0 (0)	1 (0)	0 (0)	0 (0)	2 (0)	Not zero...
PS	1 (0)	13 (5)	0 (0)	2 (0)	149 (3)	0 (0)	0 (12)	0 (0)	0 (0)	165 (20)	
Vacuum	1 (0)	0 (24)	0 (0)	0 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (27)	
Inst	0 (0)	0 (0)	0 (0)	2 (0)	2 (2)	0 (0)	0 (0)	0 (0)	0 (0)	4 (2)	
Other	3 (0)	0 (0)	0 (0)	1 (1)	1 (5)	0 (0)	3 (0)	0 (0)	1 (0)	9 (6)	

Tue Apr 22 09:33:42 EDT 2025

Reminder from Operations

- MCR beam operations continue
 - Operator/OC shifts continue for NSRL users, 2 shifts/5 days this week and next.
 - NSRL ions from Tandem, Linac protons as required (pending resumption of AGS Au)
 - GCR pending EBIS restart.
 - BLIP production throughout this week, ending 2 May.
 - RHIC beam setup suspended pending warmup/repair
 - AtR beam pending extraction PS failures.
 - AGS Polarized proton setup, other studies continue 2 shifts/5 days pending AGS failures
- *Note: MCR will not be occupied continuously.*
 - No OC on duty overnight. Operator remains overnight for BLIP (and OPPIS)
 - Contact CAS in off hours (x2024) for urgent issues when MCR is not staffed.
- Teams phone setup: awaiting ITD. Contact ITD help desk x5522, Maintenance Coordinator
- Changes? Time to update is *now*. Expect calls at all hours.
 - <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
 - Alarm response instructions: Groups prompted for updates

Availability: RHIC Run-25

