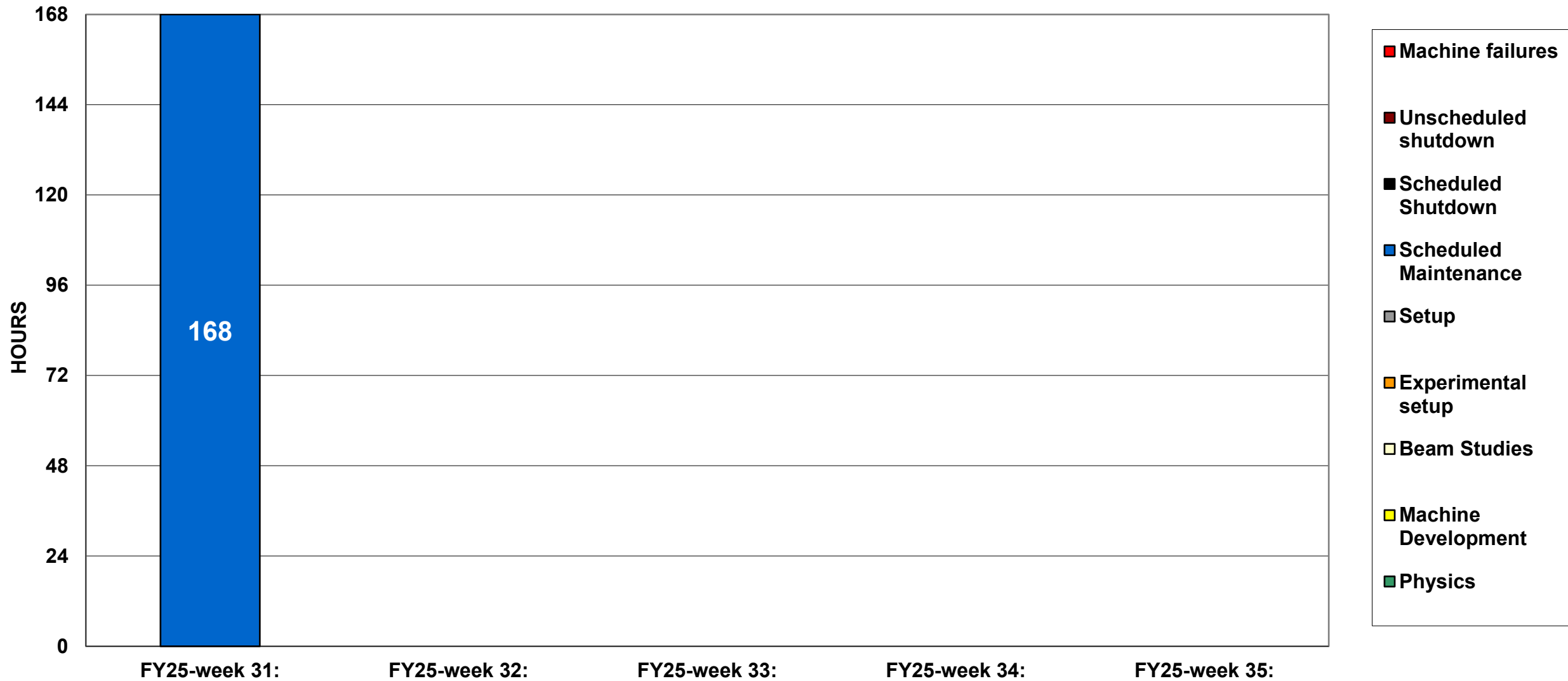
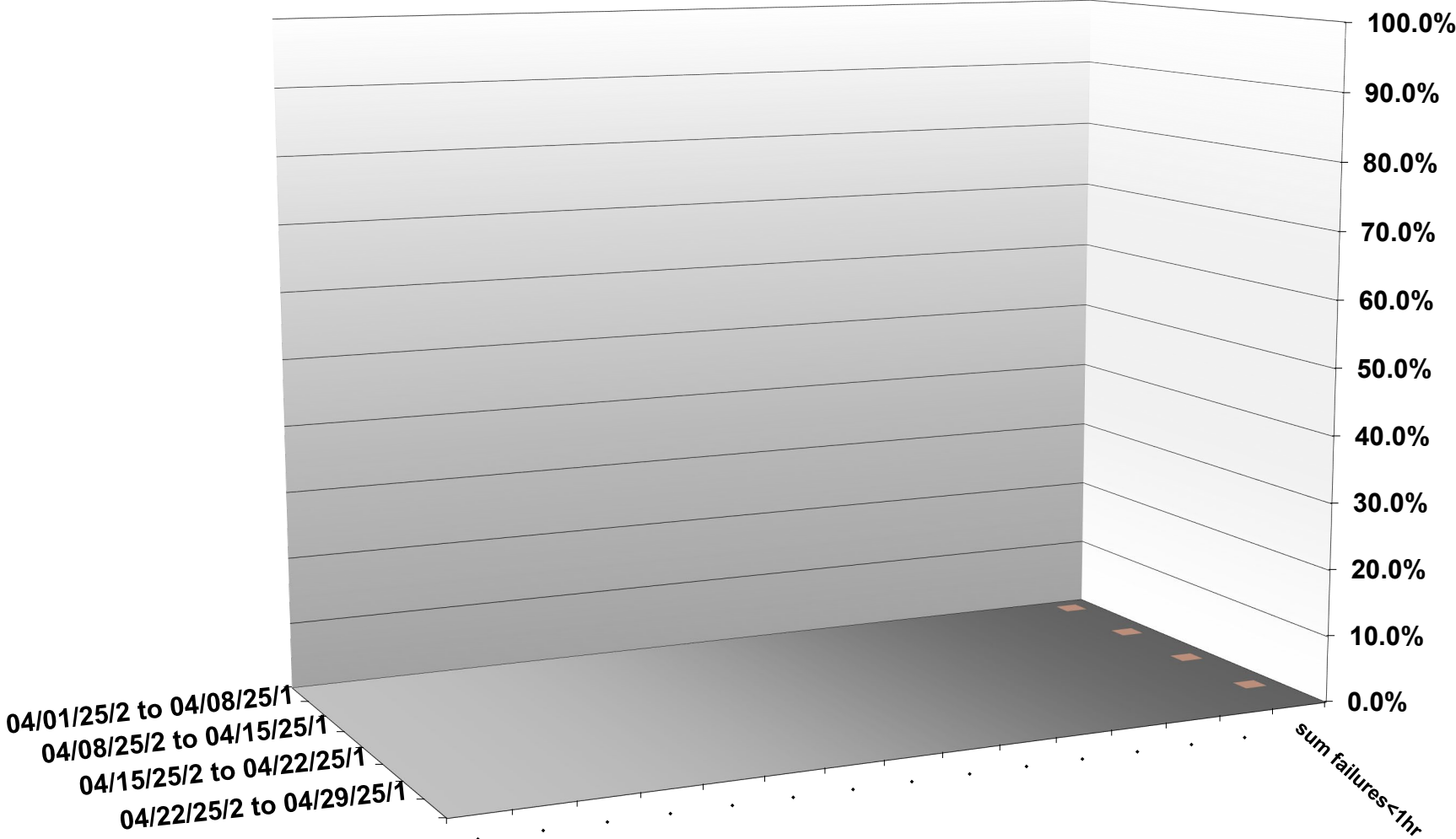


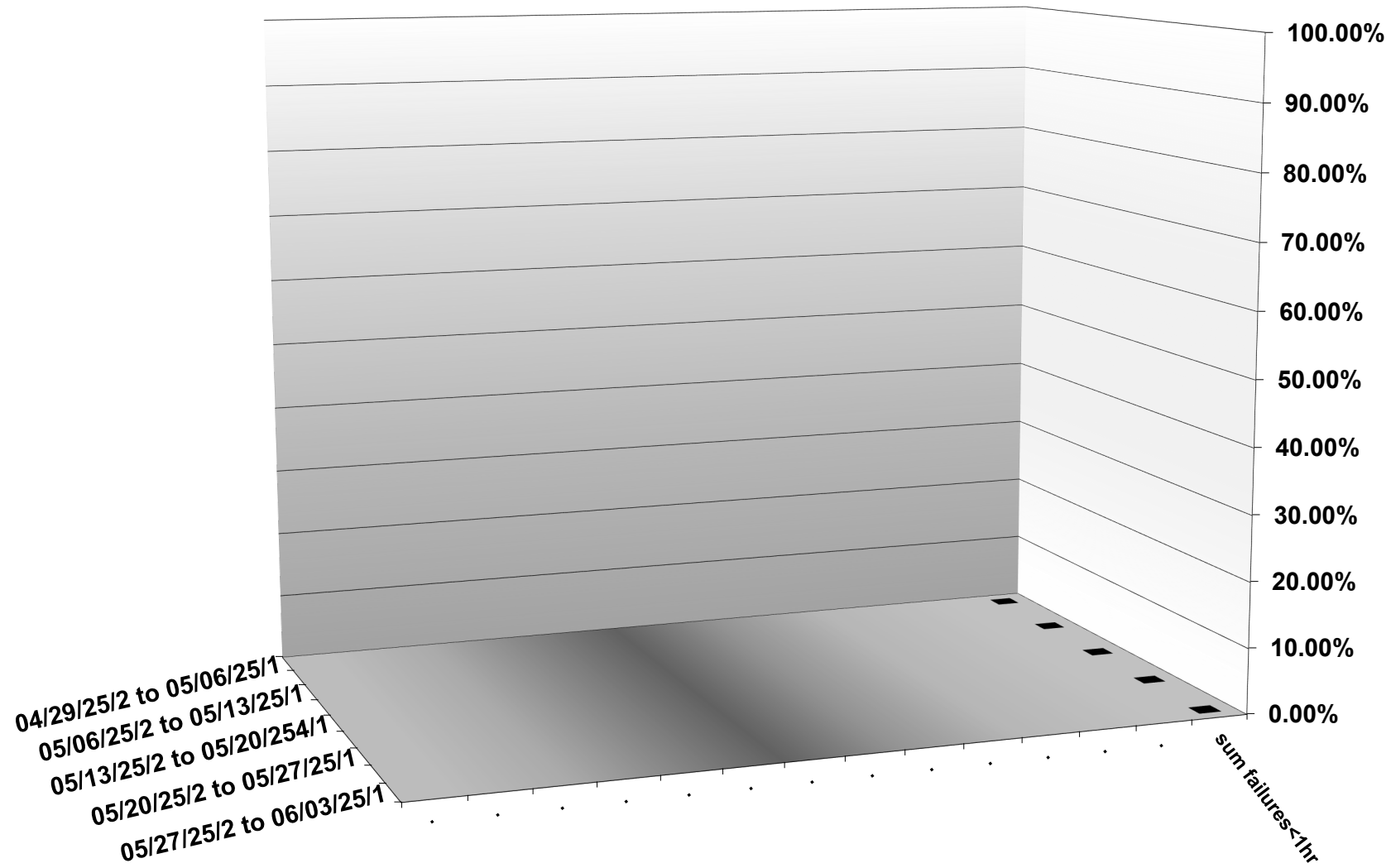
## C-AD ACTIVITY MAY 2025



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



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



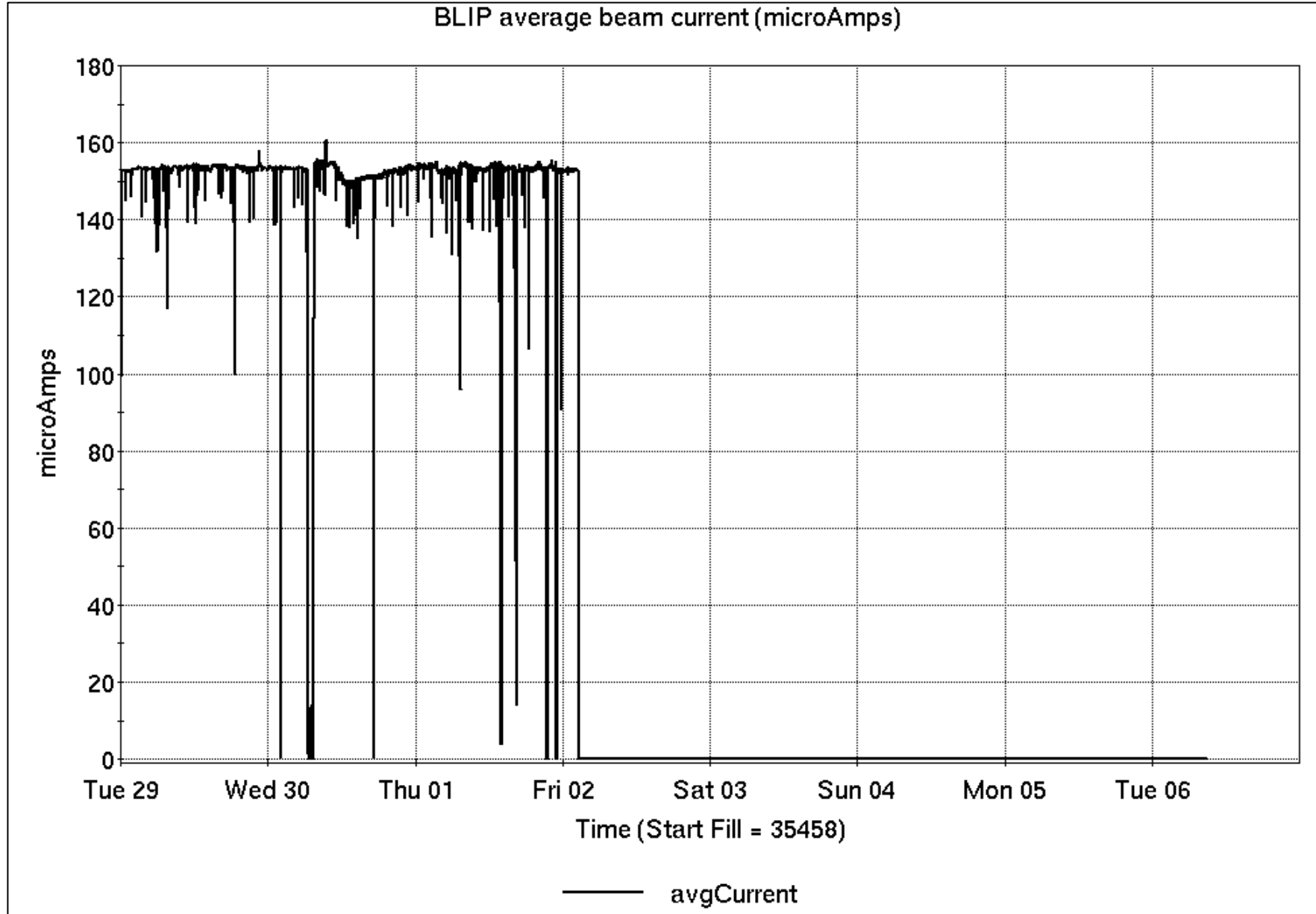
# Operations for BLIP

4/29-5/6/2025:

200 MeV production  
concluded Friday.

- 64.73 hr production
- 8.27 hr failures

Availability: 88.7%



# NSRL activity past week: 4/29-5/6/2025 (as of 0800)

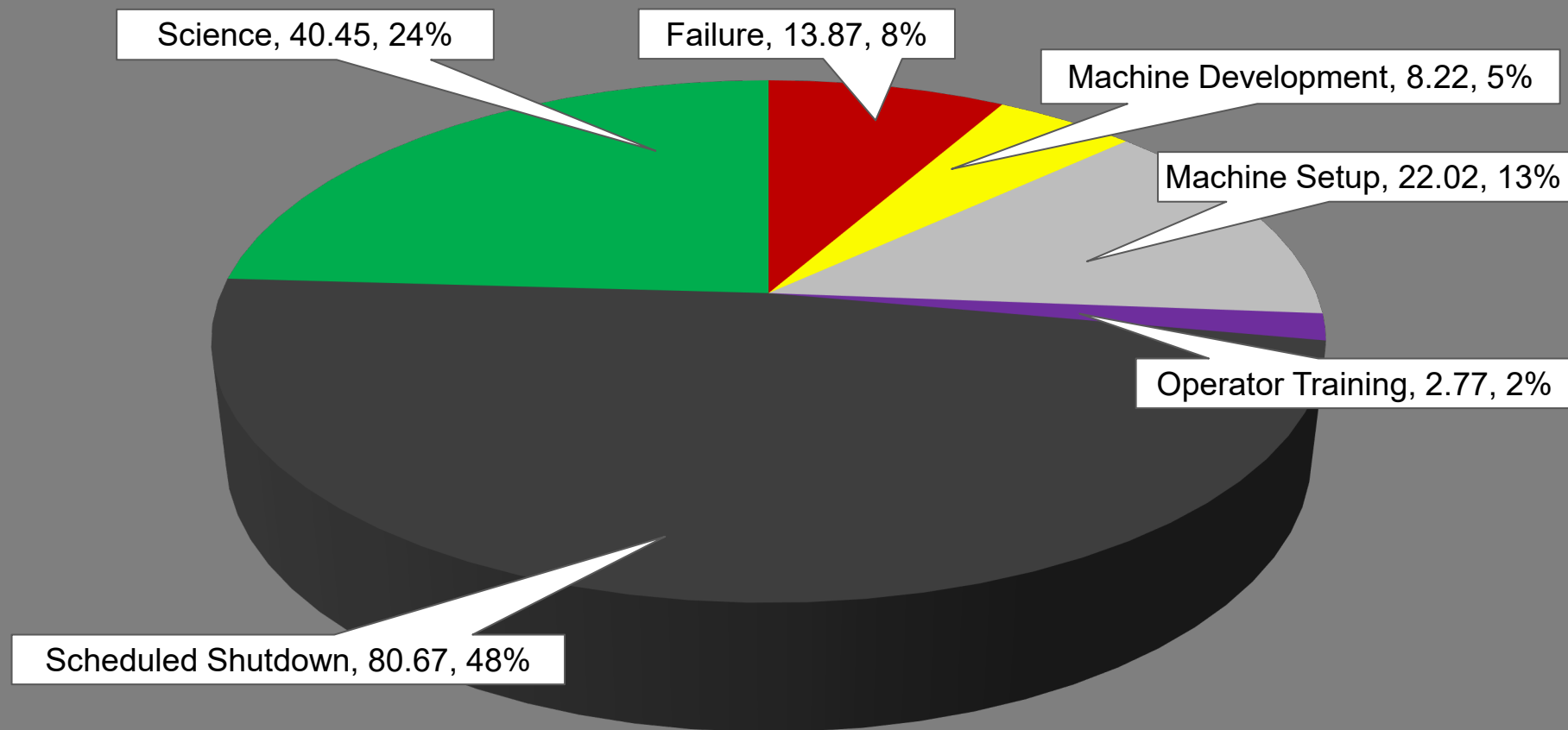
NSRL running continues; various users along with beam setup/development for upcoming schedule.

Tandem Au, Si, I, Ta 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



**Availability: 84.1%**

# Notes from Operations

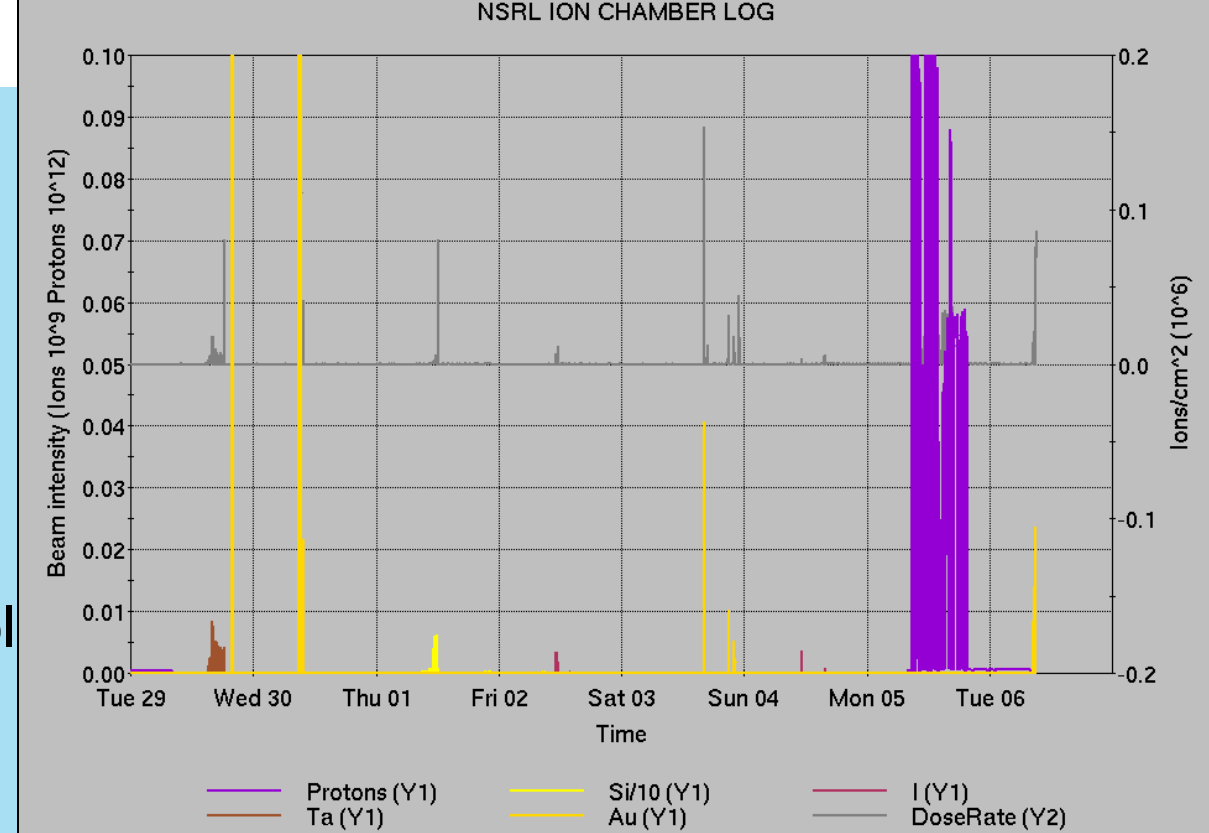
## Notable failures (>1 hr)

- RHIC Blue main dipole system failure, ongoing
- AGS extraction bump failures, ongoing
- Power dip (2x), affecting Linac for BLIP, OPPIS, and systems complex-wide
  - AGS cold snake failure, ongoing
- Tandem MP7 tuning to establish Ta, I intensity
- Booster tuning for NSRL Si beams
- TtB-17 vacuum valve failure, no remote control
- Linac source failure, extractor voltage tuned to reduce sparking
- Linac Mod 8 grid deck fault, reset
- Linac chiller trip
- AGS A17 cold snake quad PS failure, ongoing

## Other notes

- Various Tandem tuning, Linac trips/resets

Over 46 hours injector pp setup, other studies (when injector systems are available)



	Linac	Tandem	EBIS	Booster	AGS	ATR	RHIC	ERL	Other	Total
Total	31 (0)	28 (23)	0 (0)	4 (6)	26 (10)	0 (0)	10 (12)	0 (0)	3 (0)	102 (51)
RF	19 (0)	0 (0)	0 (0)	0 (1)	0 (0)	0 (0)	2 (0)	0 (0)	1 (0)	22 (1)
PS	6 (0)	13 (5)	0 (0)	1 (0)	18 (3)	0 (0)	3 (12)	0 (0)	0 (0)	41 (20)
Vacuum	1 (0)	15 (18)	0 (0)	0 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	16 (22)
Inst	0 (0)	0 (0)	0 (0)	2 (0)	2 (2)	0 (0)	1 (0)	0 (0)	1 (0)	6 (2)
Other	5 (0)	0 (0)	0 (0)	1 (1)	6 (5)	0 (0)	4 (0)	0 (0)	1 (0)	17 (6)

# 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 (pending resumption of AGS Au); Linac protons as required
    - GCR pending EBIS restart.
  - No BLIP production until 23 May.
  - RHIC beam setup suspended pending repair/cooldown
    - AtR beam pending extraction PS failures.
  - AGS Polarized proton setup, other studies continue 2 shifts/5 days pending failures
- *Note: MCR will not be occupied continuously.*
  - No OC nor Operator on duty overnight. 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/](https://www.cadops.bnl.gov/Operations/personnel/call_in_lists/)
    - CHECK YOUR CALLIN LIST: expect contact off-hours

# Availability: RHIC Run-25

