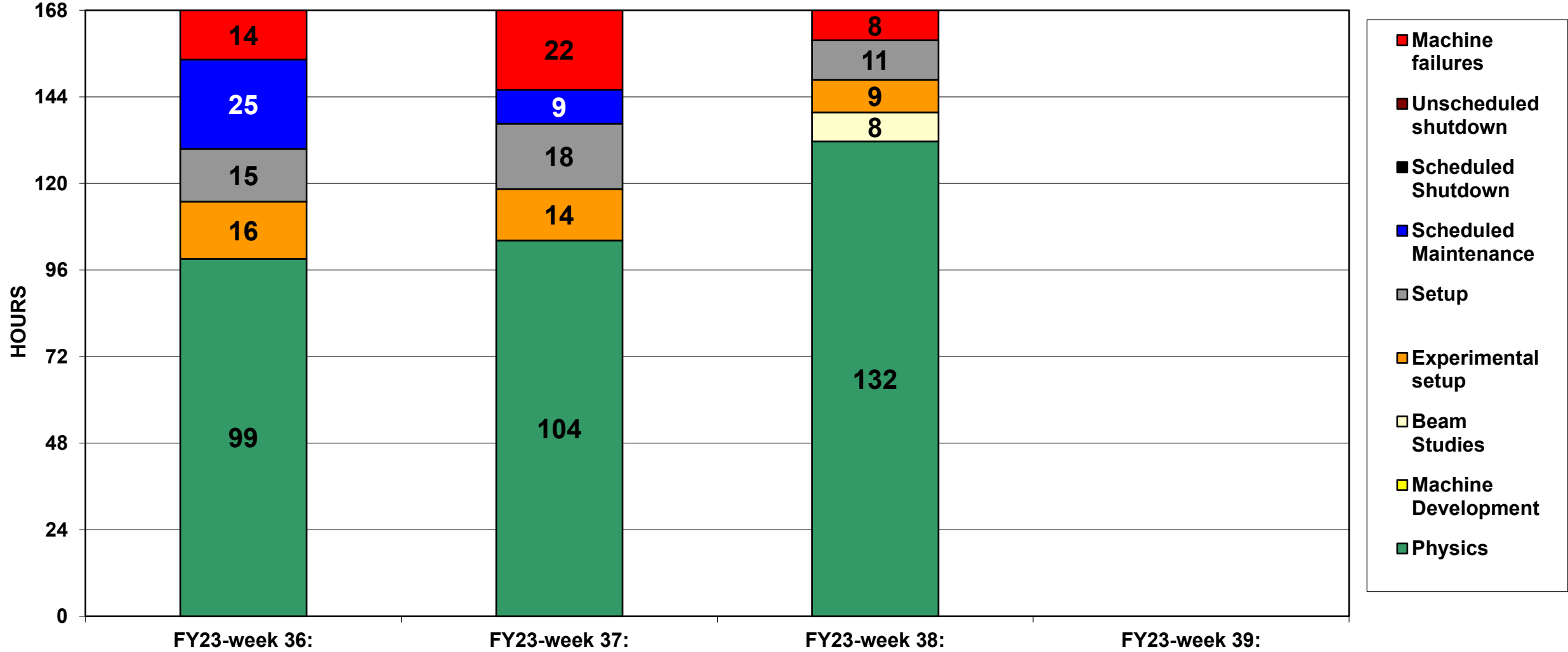
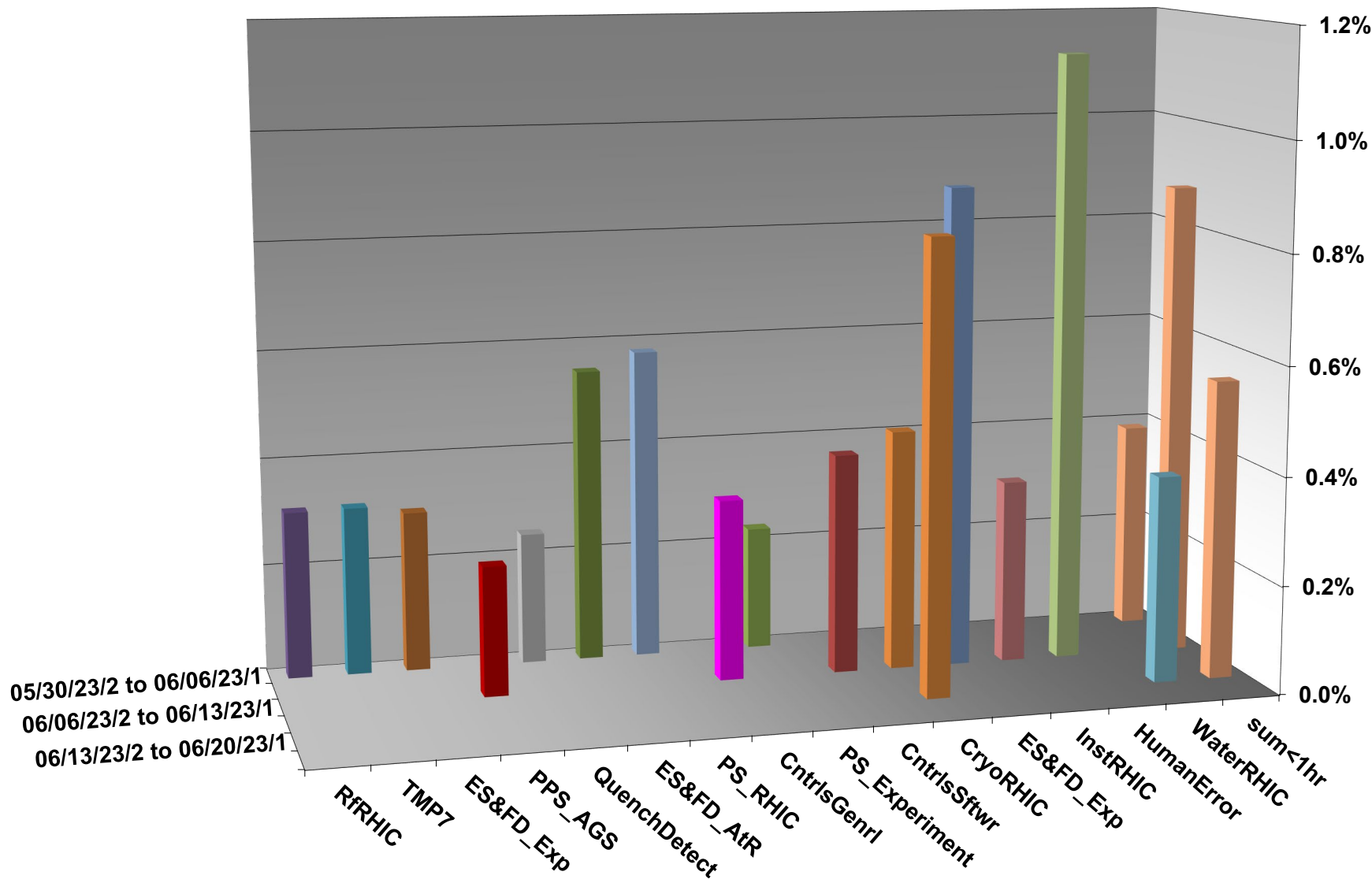


C-AD ACTIVITY JUNE 2023



INTEGRATED FAILURES (GREATER THAN ONE HOUR) BY SYSTEM - JUNE 2023



Operations for BLIP

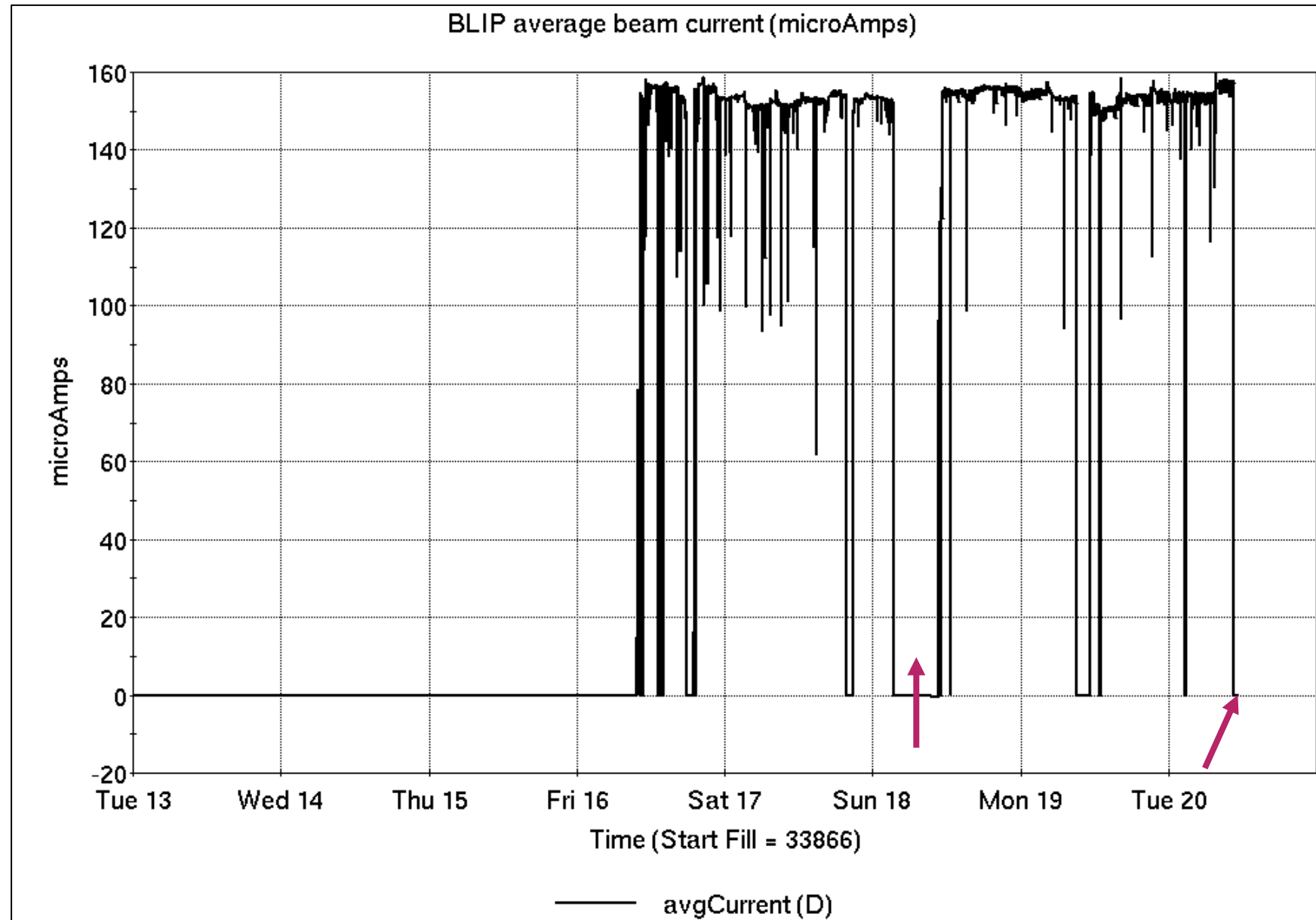
200 MeV Production run began Friday 6/16.

- 79 hr Production
- 14.12 hr Failures

Availability: 85%

Interruptions continue today for work on previous failure; end of present run TBA

Next scheduled runs: 7/7, tentatively lasting throughout July.

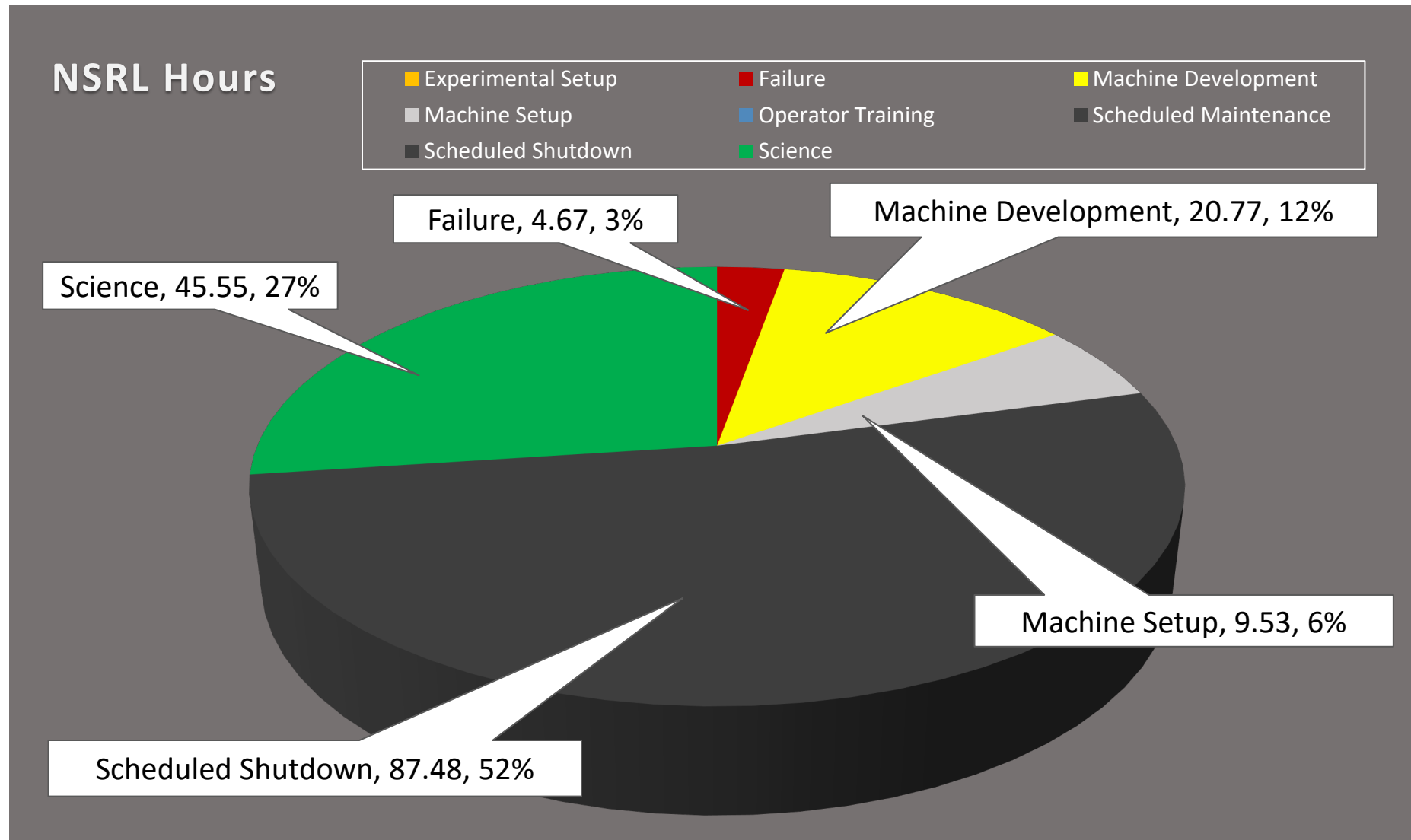


NSRL activity past week: 6/13-20/2023 (as of 0800)

NSRL: some setup work and training, but no science this week.

Tandem Au, Linac proton beams in use pending resumption of EBIS ions.

Run 23-C schedules published.
Users through 30 September.



Availability: 94.2%

Notes from Operations

Notable failures (>1 hr)

- BLIP water shaft leak probe (primary & redundant failures) bypass and remediation issues
- Linac source 1 failure, switch to source 2
- Booster PASS failure, reachback interrupts multiple programs
- Cryo Lead flow interlock, replaced thermistor card

Other notes

- Repeated H10 septum PS trips, flow switch interlocks
- CeC gun conditioning continues (over 94 hours this week)
- NSRL RQ4 trips (5x)
- Various Tandem foil changes, as required
- Tandem source repair (behind store)
- One brief stand-down for approaching storms.
- Some linac RFQ, modulator trips
- EBIS HV platform pulser failure delayed restoration and setup of EBIS beams.
- sPHENIX (QD issues) and STAR magnet (cooling issues) trips
- Various PS & RF trips/resets

AlarmDisplay - All Alarm View - Suppression Enabled@acnlinje.pbn.bnl.gov

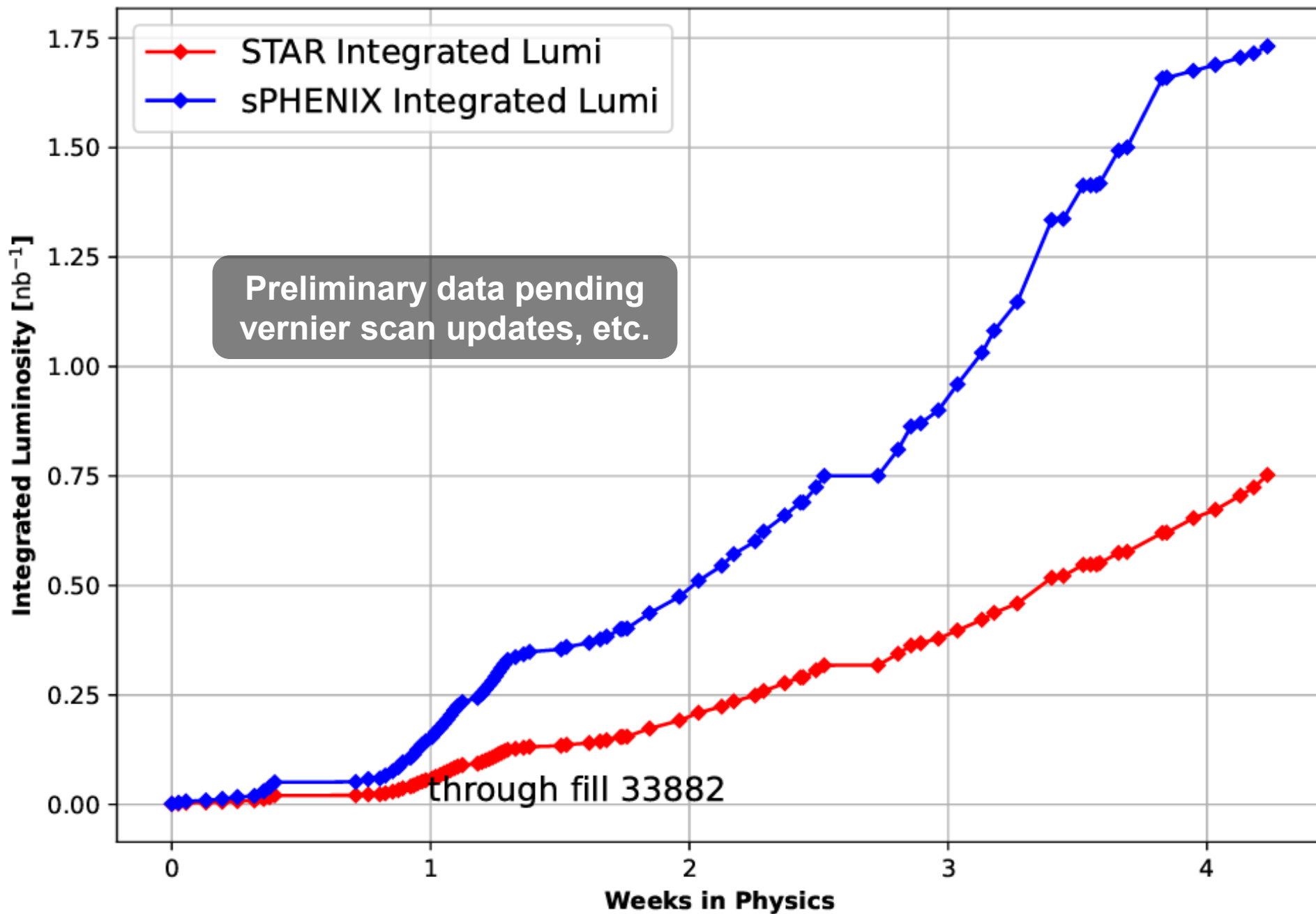
Setup	Filter	Linac	Tandem	EBIS	Booster	AGS	ATR	RHIC	ERL	Other	Total
Total		6 (0)	30 (2)	5 (4)	4 (4)	14 (46)	4 (1)	35 (22)	0 (1)	21 (17)	119 (97)
RF		0 (0)	0 (0)	0 (0)	0 (0)	2 (1)	0 (0)	5 (0)	0 (0)	7 (2)	14 (3)
PS		4 (0)	17 (2)	1 (4)	1 (1)	6 (32)	3 (1)	12 (9)	0 (0)	0 (1)	44 (50)
Vacuum		0 (0)	13 (0)	0 (0)	0 (2)	4 (4)	0 (0)	7 (10)	0 (1)	7 (13)	31 (30)
Inst		0 (0)	0 (0)	0 (0)	0 (1)	0 (1)	1 (0)	8 (3)	0 (0)	1 (1)	10 (6)
Other		2 (0)	0 (0)	4 (0)	3 (0)	2 (8)	0 (0)	3 (0)	0 (0)	6 (0)	20 (8)

Tue Jun 20 12:46:06 EDT 2023

Delivered Luminosity data for RHIC

Courtesy R. Terheide

FY23 Delivered Luminosity 100 GeV Au x 100 GeV Au



Availability: RHIC Run-23

