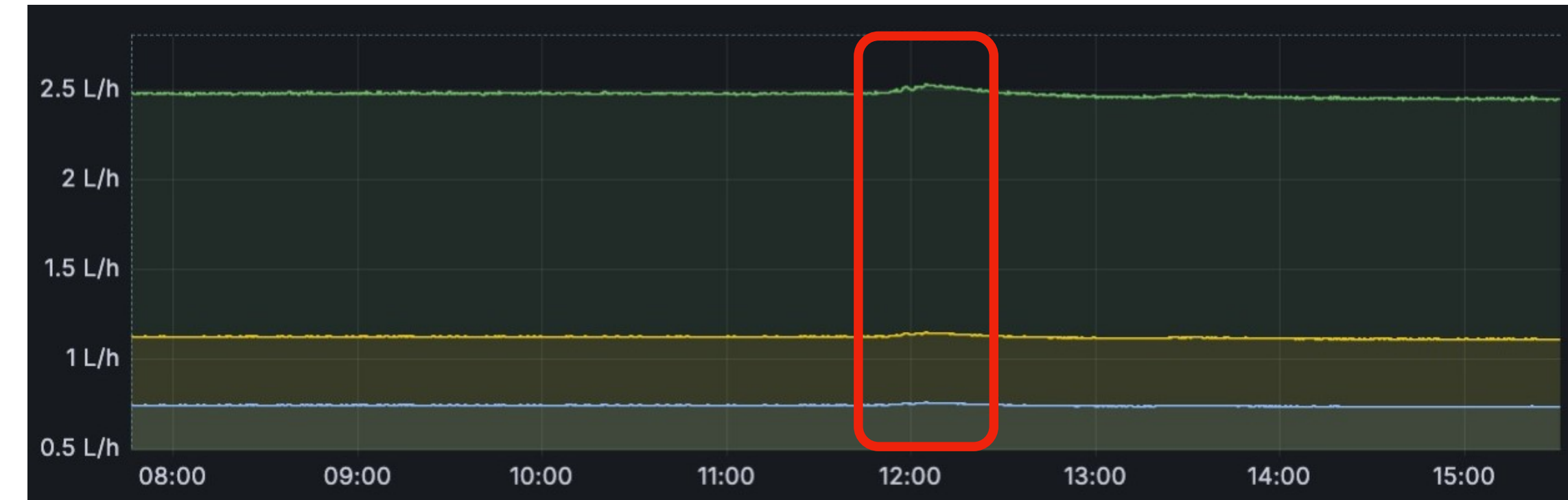# Report Stability Shift 13-30/5/2025

Liliana Congedo & Giuliana Galati

Notes

- 13/05: We noticed a current increase with a small peak in all gas fluxes: the most probable hypothesis was HFO bottle finishing → stability run was stopped

- 14/05: HFO bottle finished and Mattia promptly changed it
No scan at source off was performed since rpc had to flux

- 15/05: We got 2h SOURCE OFF at 2pm to performe one current scan
Stability run was started after it

- 19/05: Gas kill at 1.30pm -> new stability run
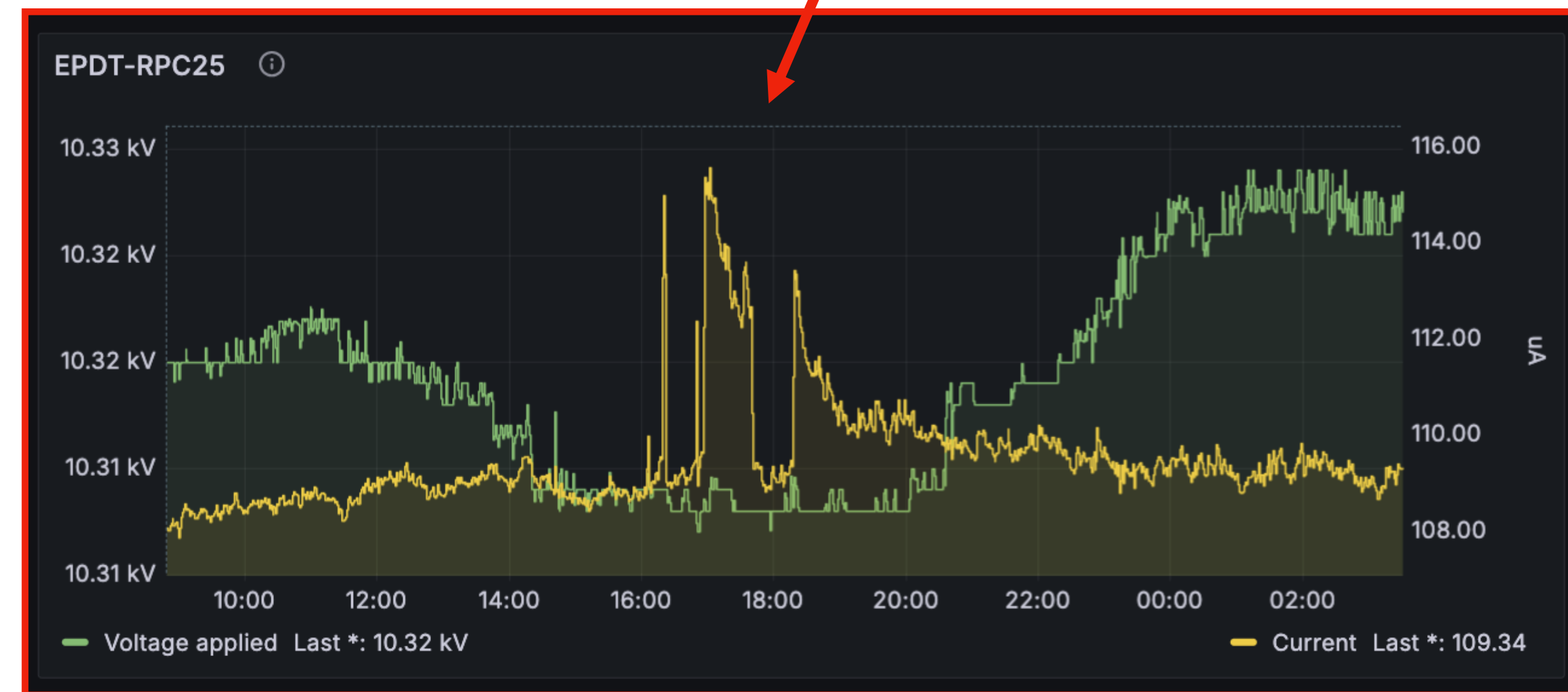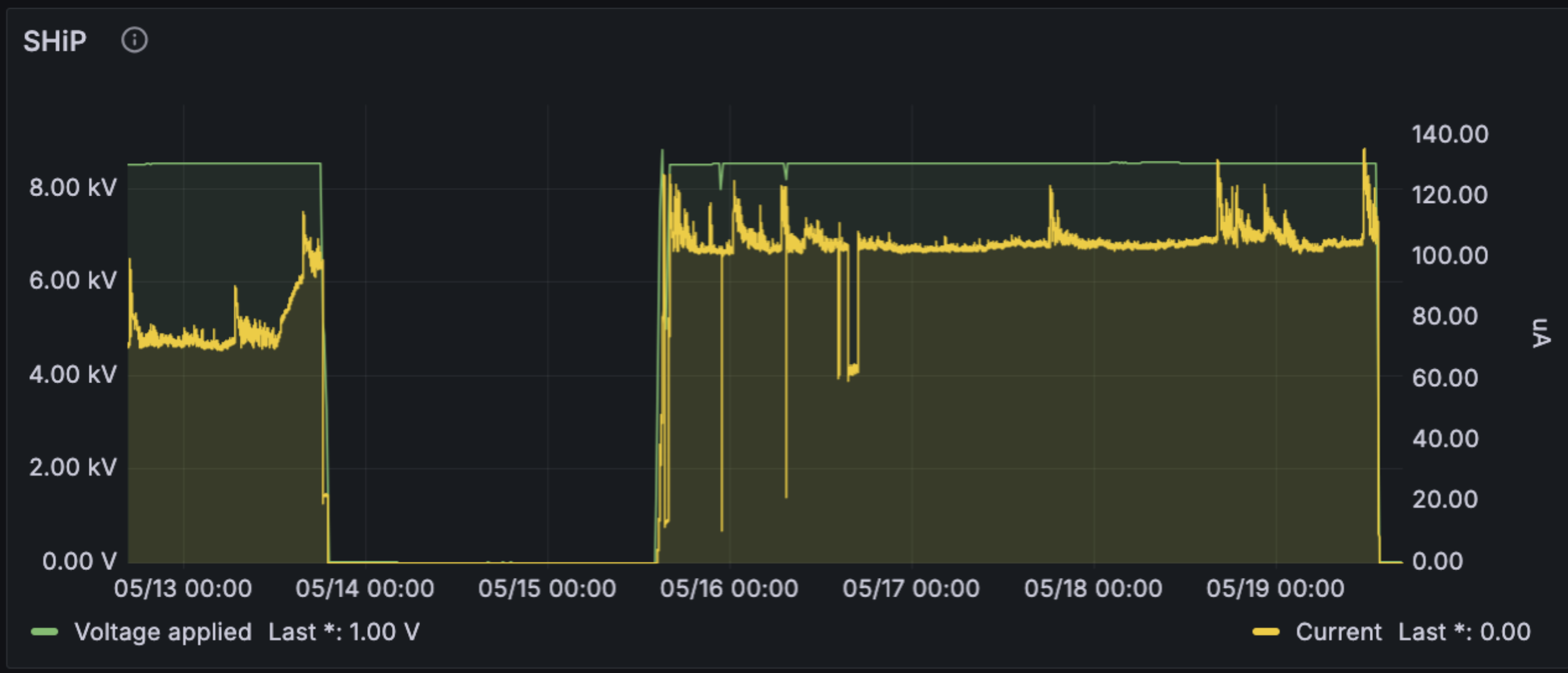
Runs

Stability runs

Stability run registry

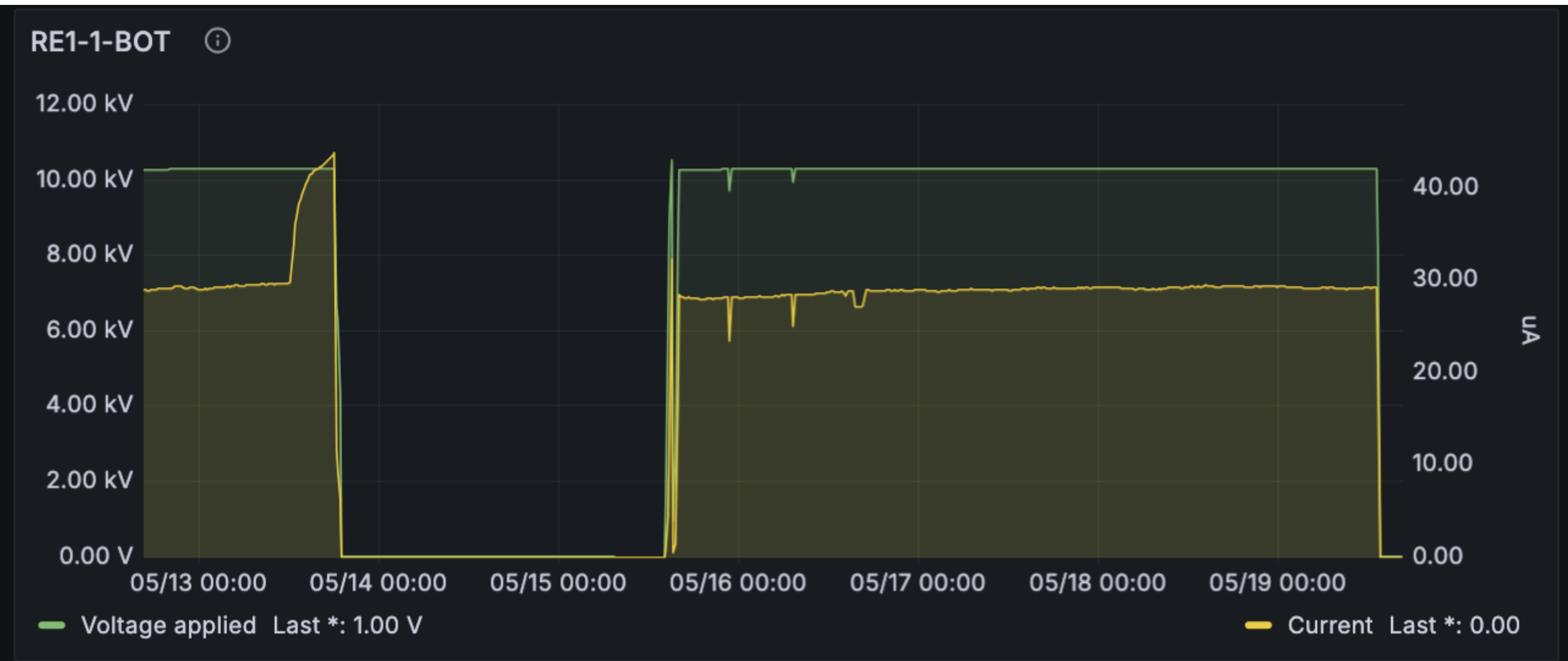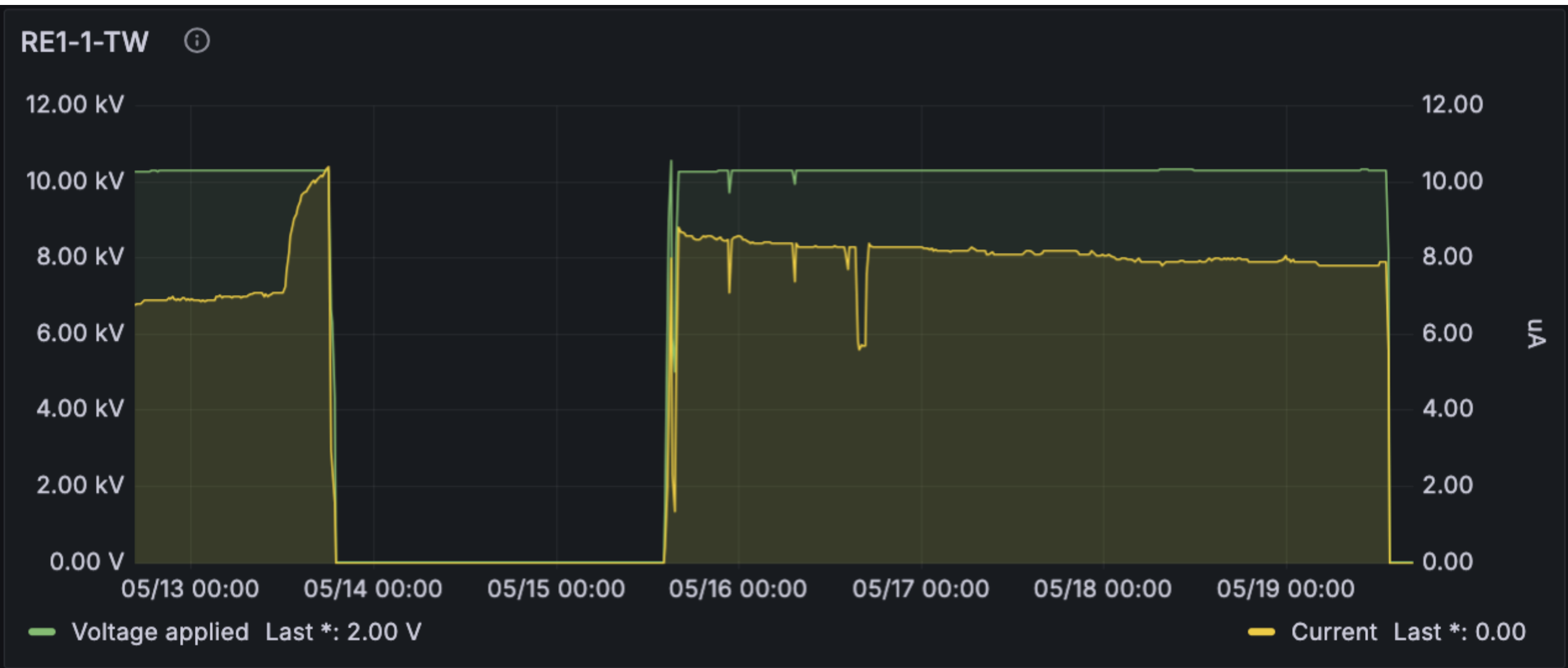| Run ID	Start time	End time/Last action	Duration	Comment	Status
0265	2025-05-19 17:27	2025-05-19 17:38	0 days, 0 hours, 11 minutes	abs 2.2 all chambers...	**ONGOING**
0264	2025-05-16 07:20	2025-05-19 13:25	3 days, 6 hours, 4 minutes	abs 2.2 all chambers...	**FINISHED**
0263	2025-05-15 22:52	2025-05-16 07:19	0 days, 8 hours, 27 minutes	abs 2.2. Kodel H TOP excluded...	**FINISHED**
0262	2025-05-15 15:48	2025-05-15 22:50	0 days, 7 hours, 2 minutes	abs 2.2 all chambers...	**FINISHED**

Current scans

HVscan run registry

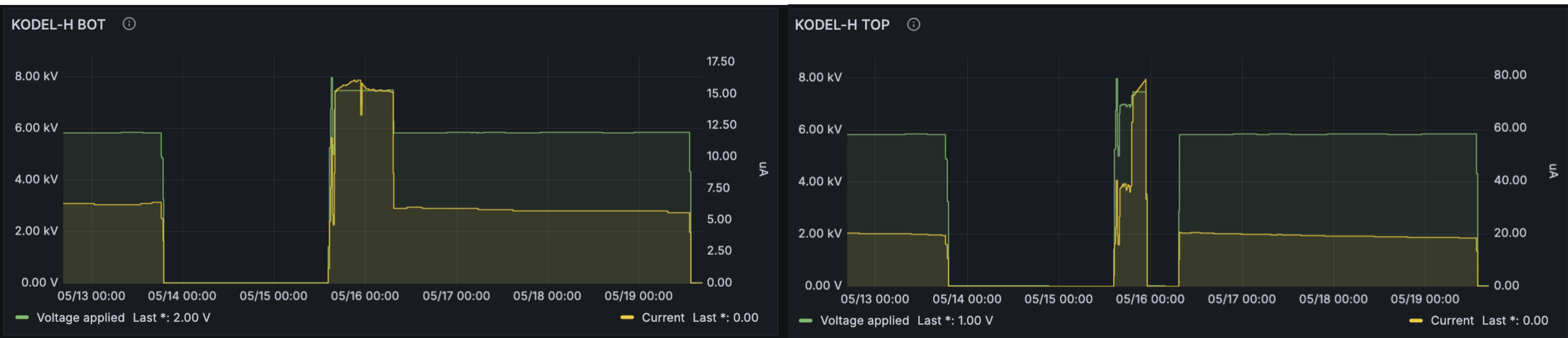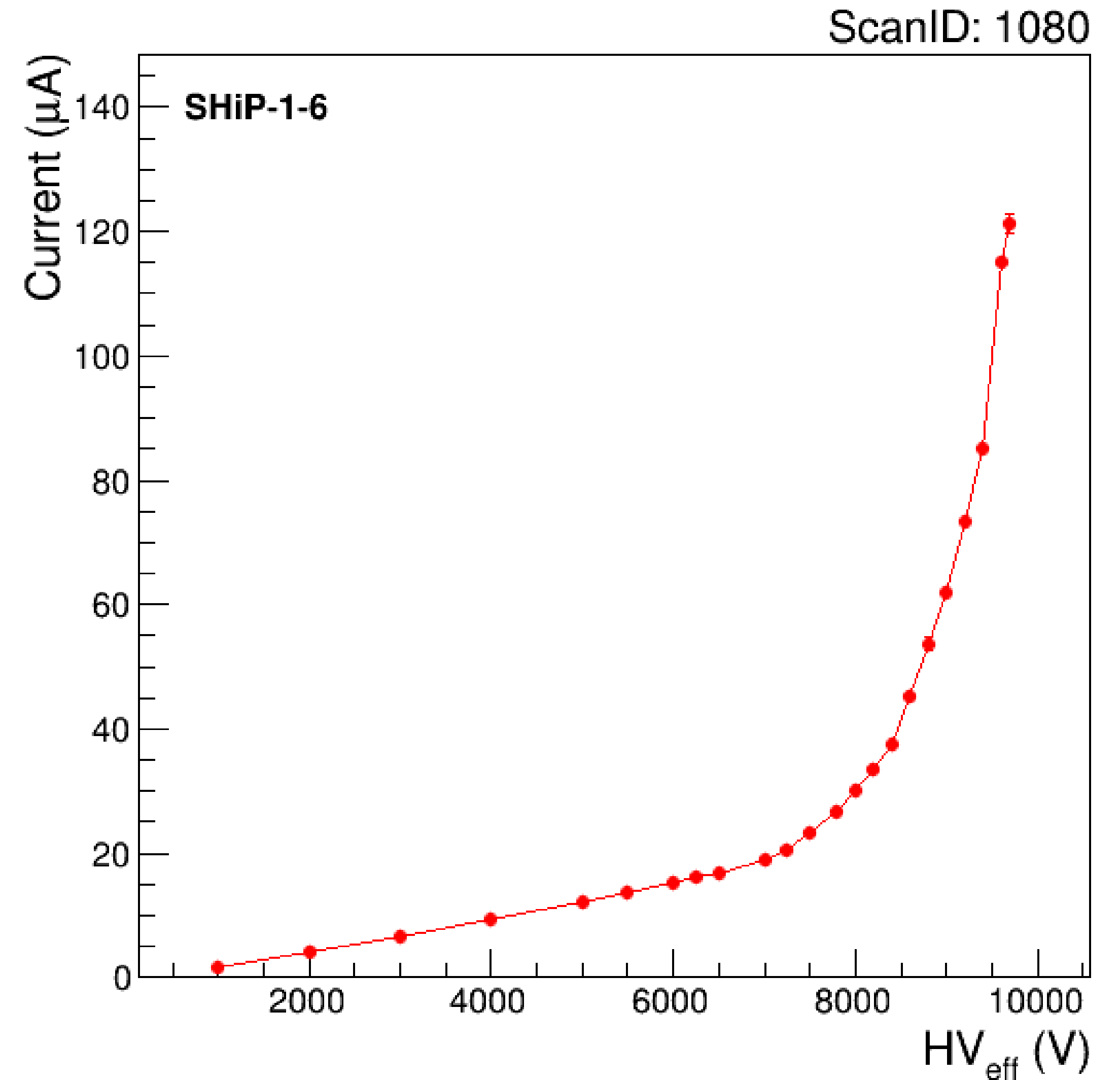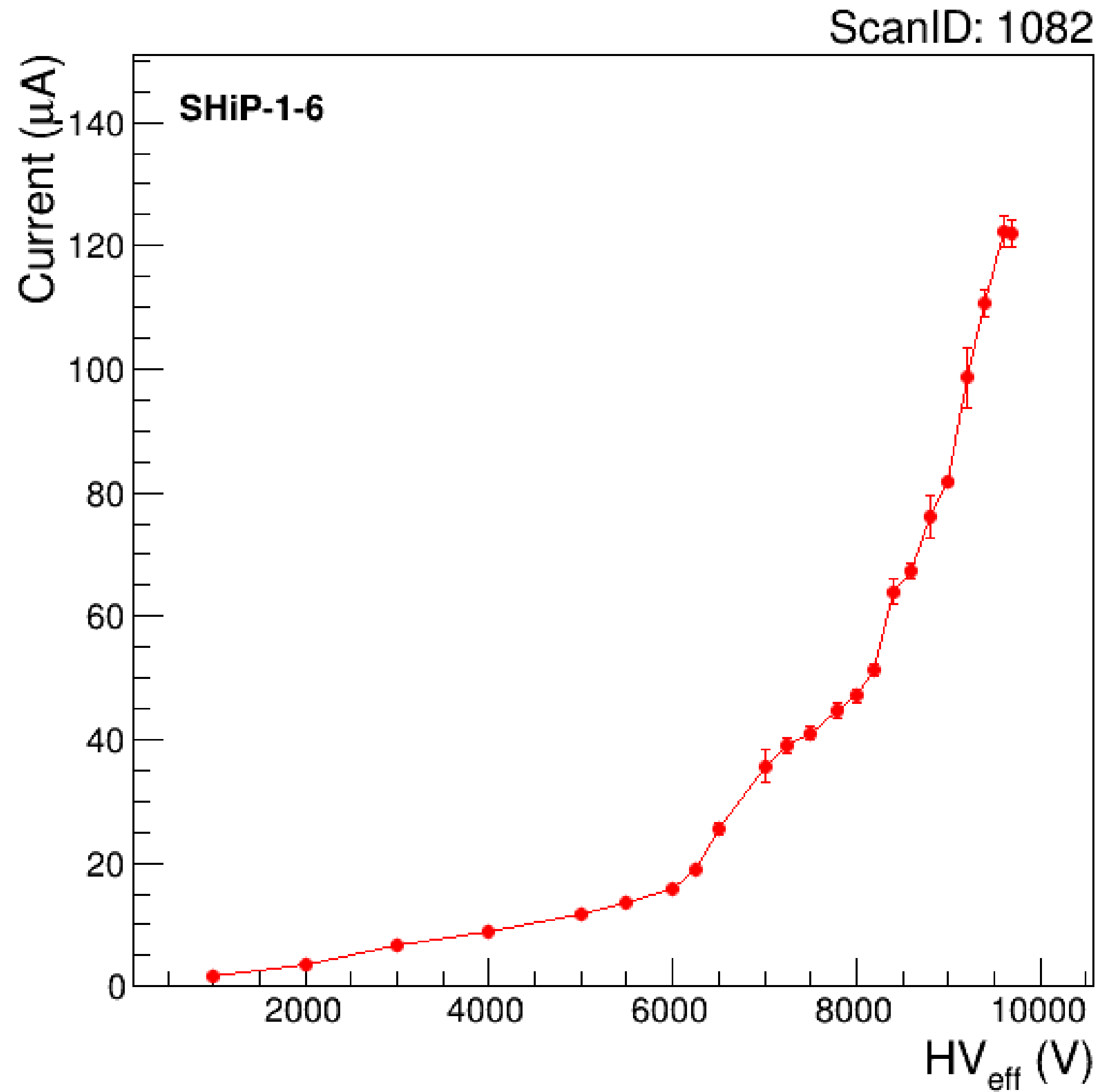| Scan ID	Scan type	Start time	Label	Status	#HV
	Select scan type		Select label	Select status	
001082 ⤴	Current scan	2025-05-15 14:20	ECOGAS2	**FINISHED**	23

3

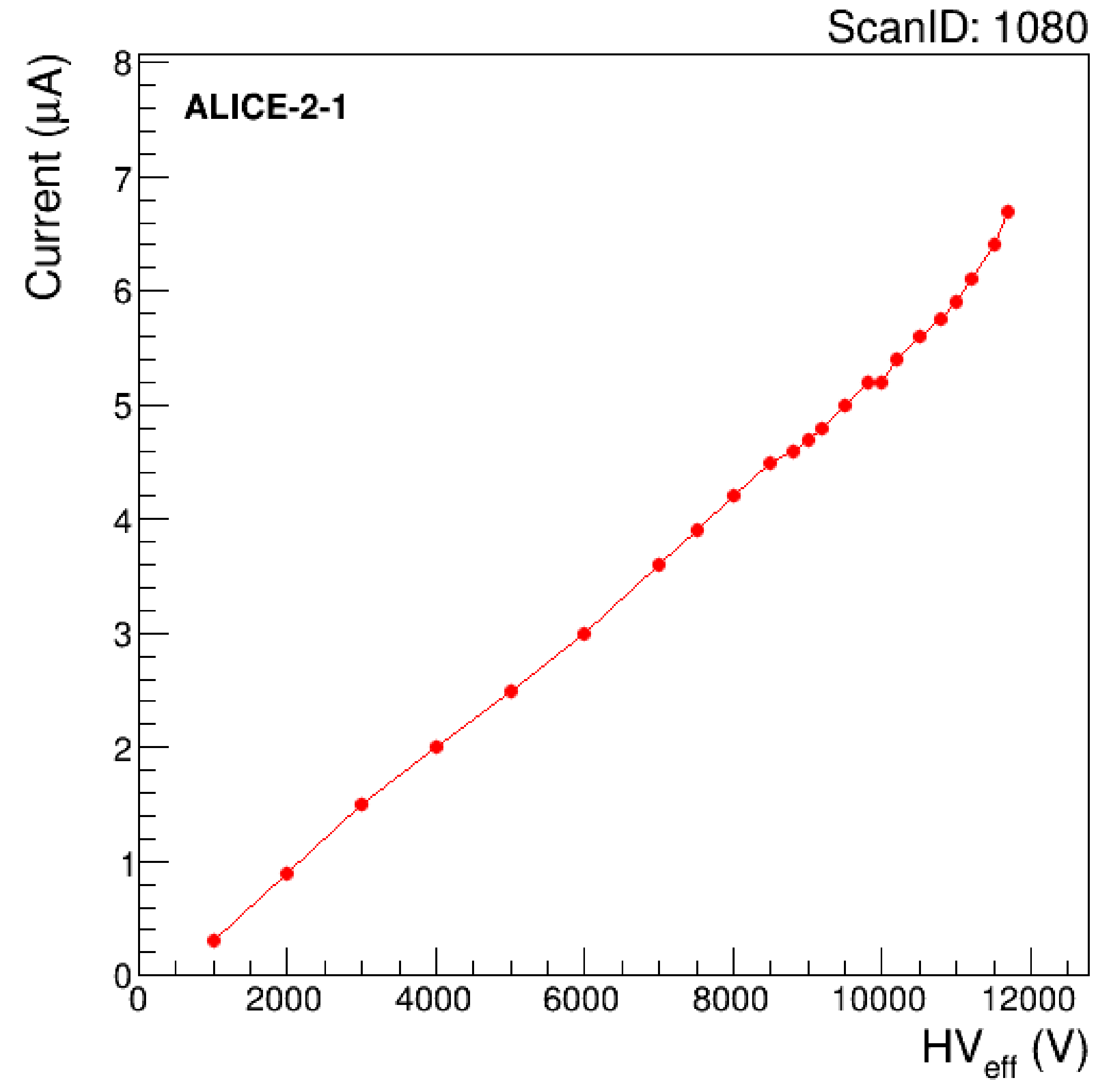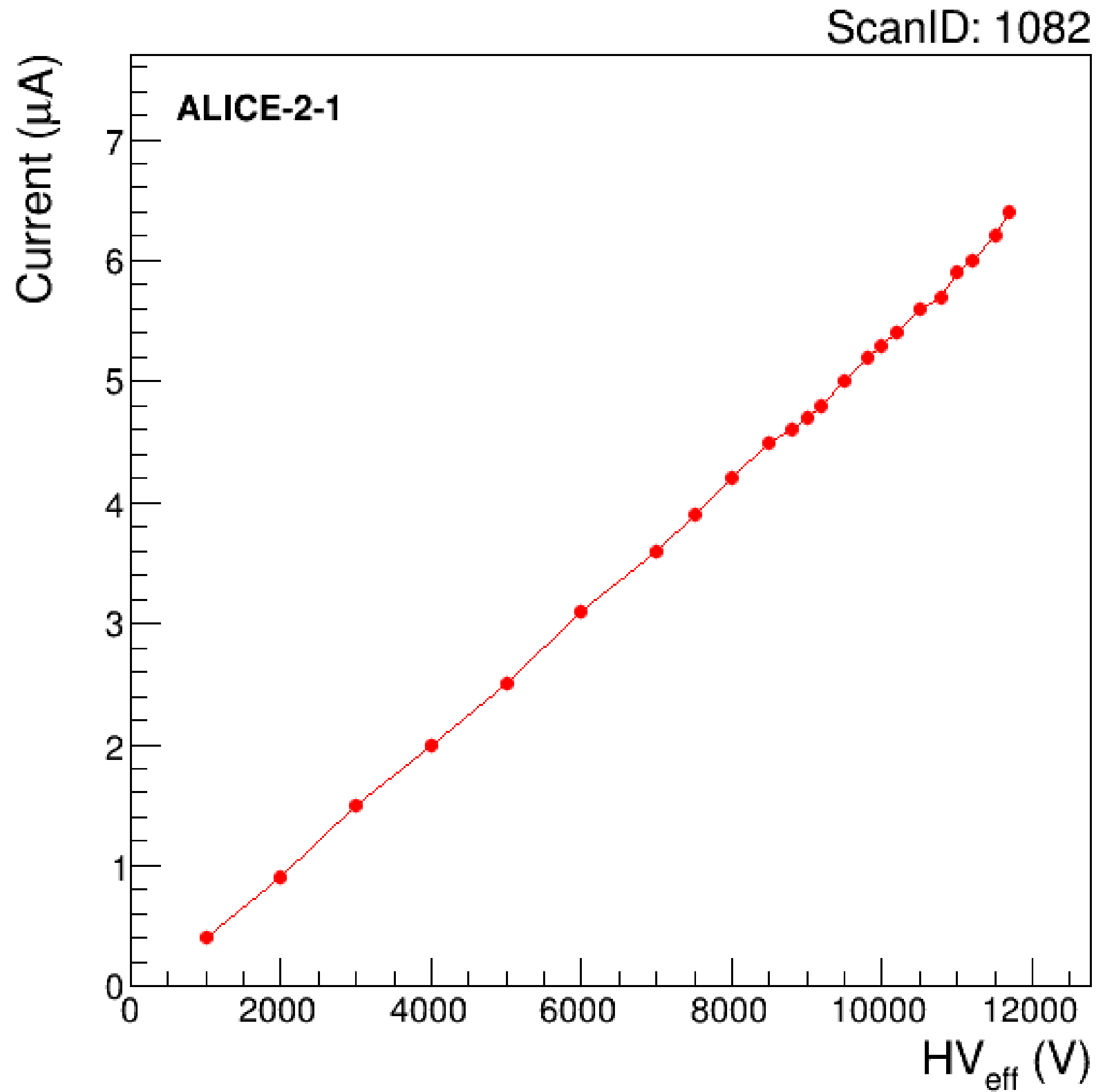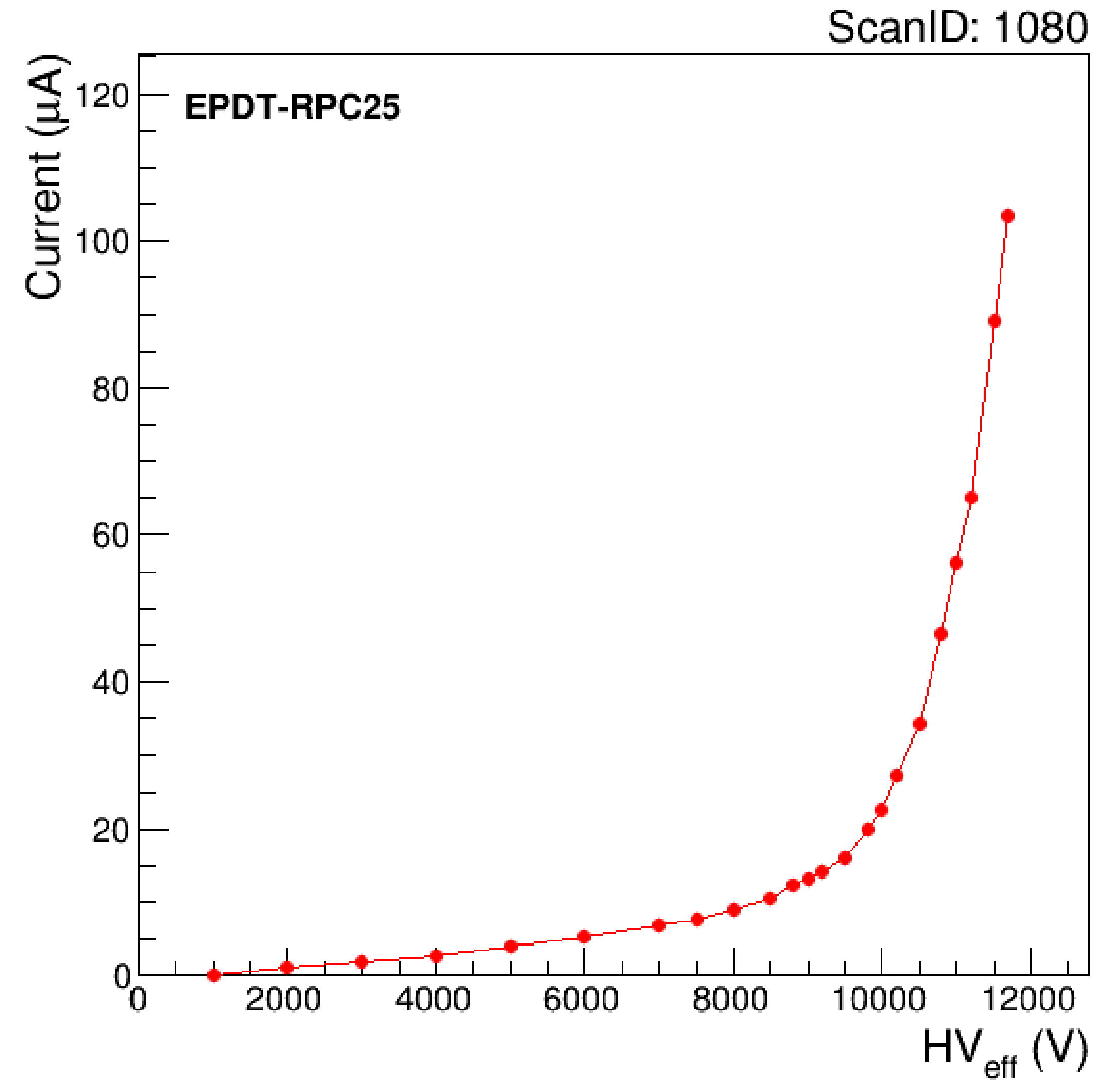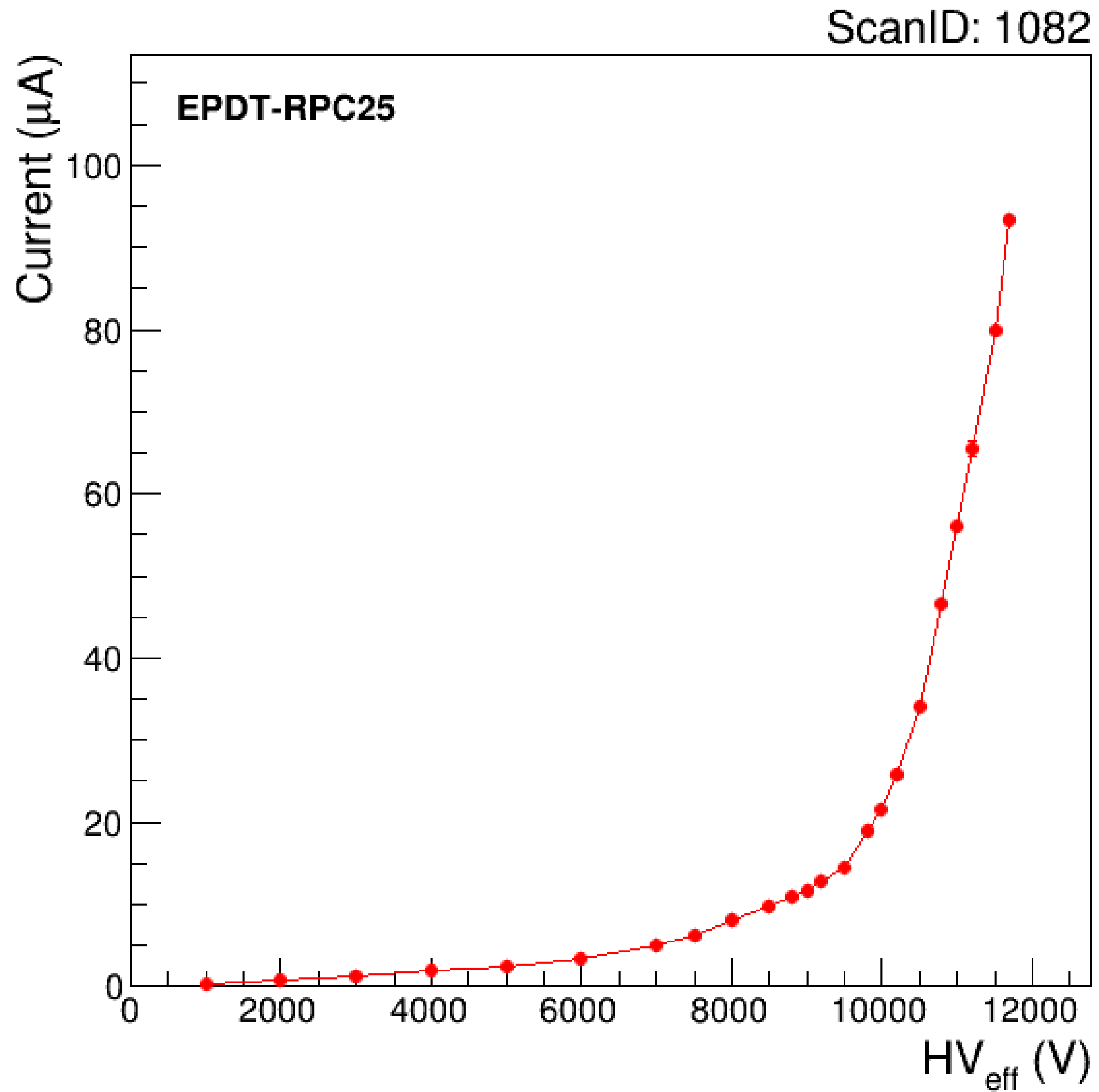# ALICE - EPDT - SHiP

RE1-1

KODEL H

Comparison with previous week
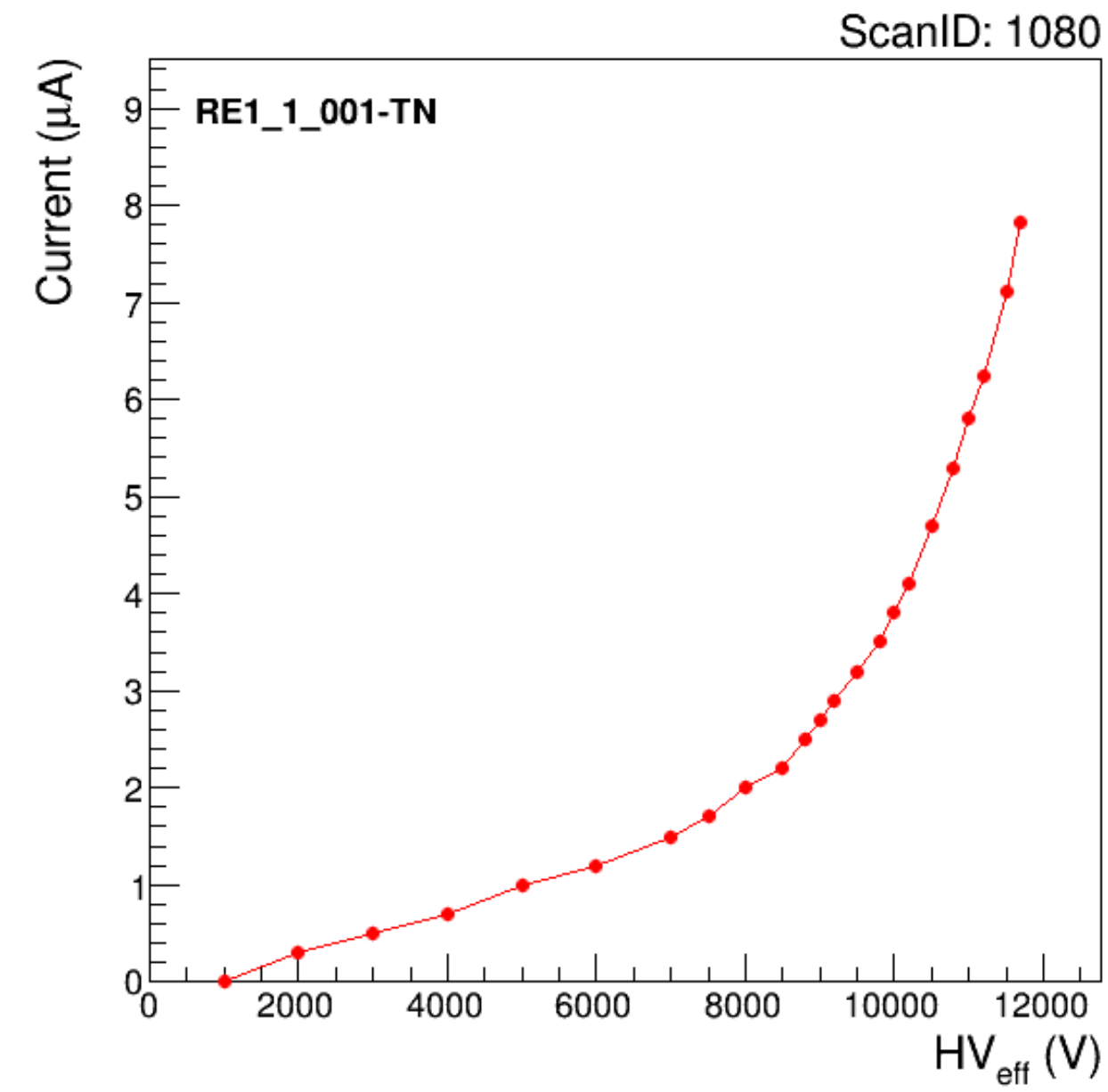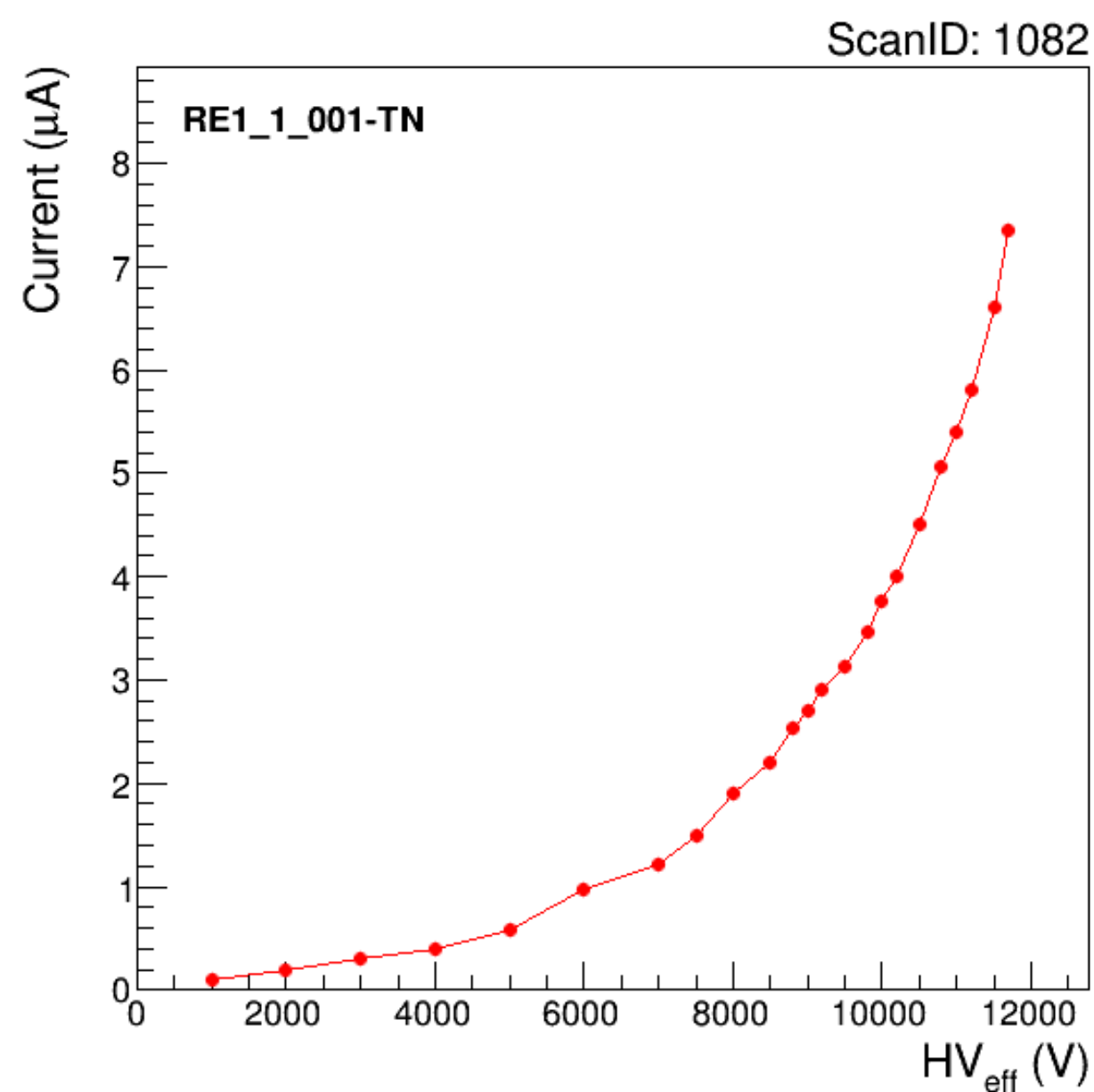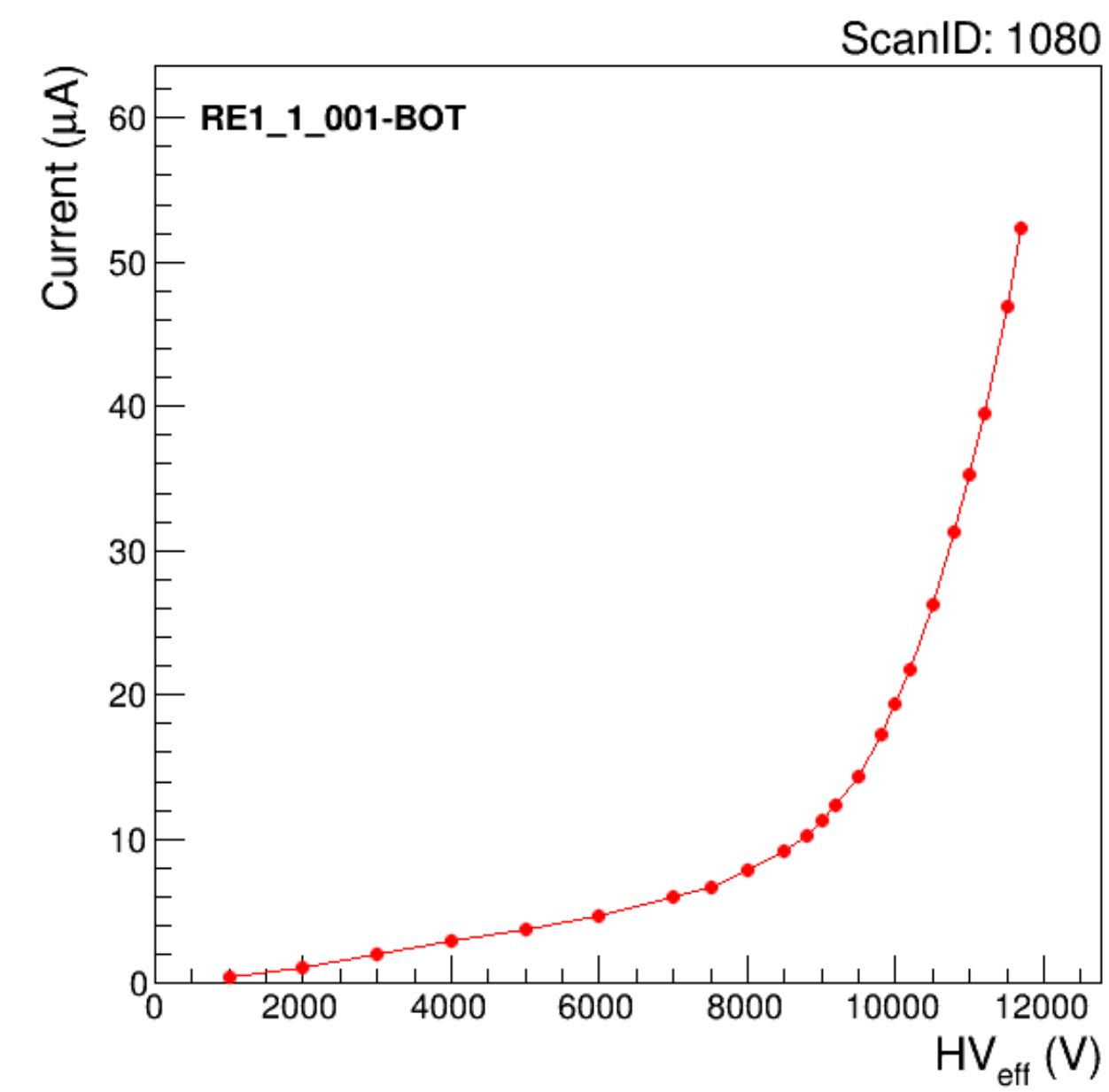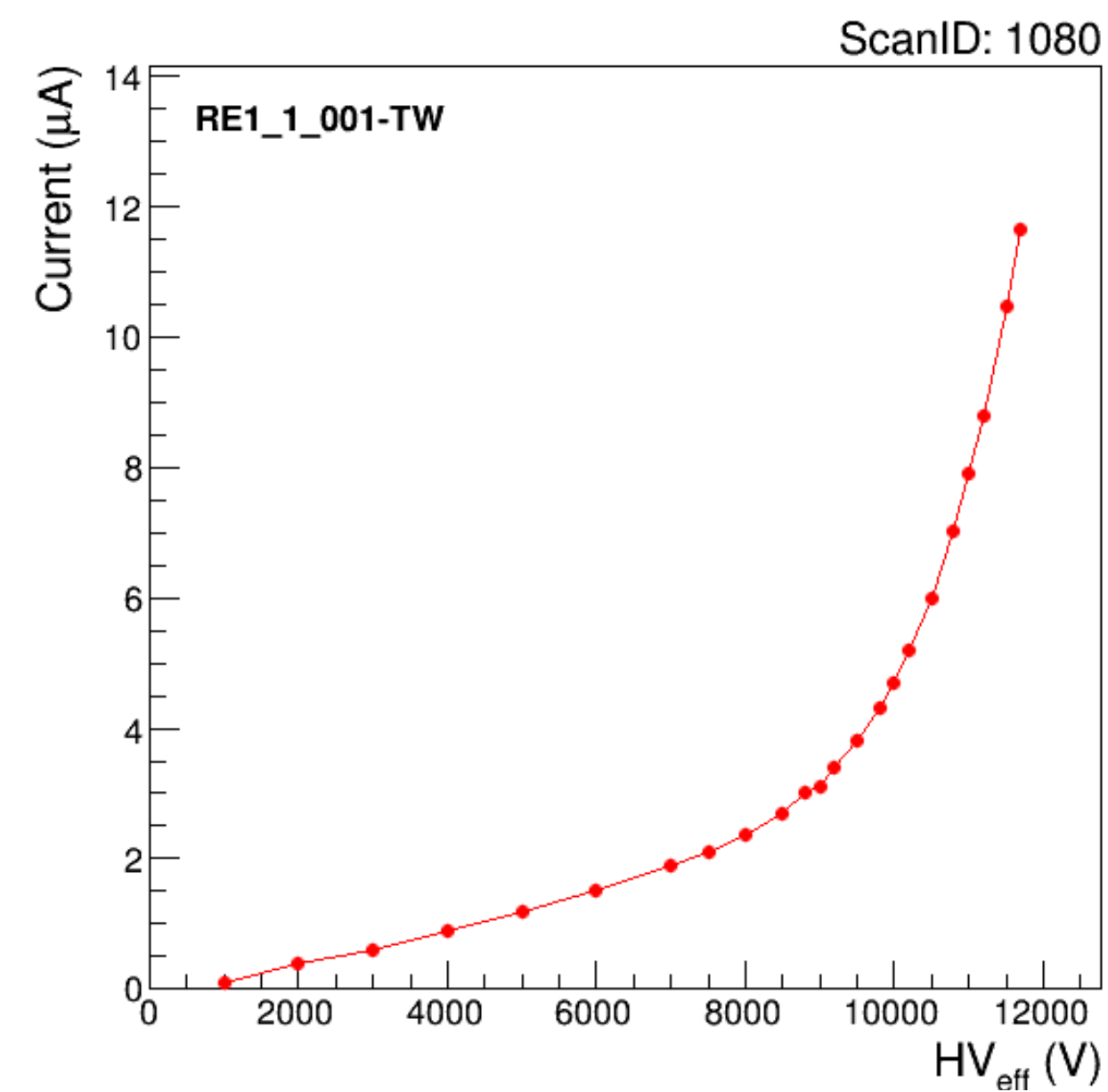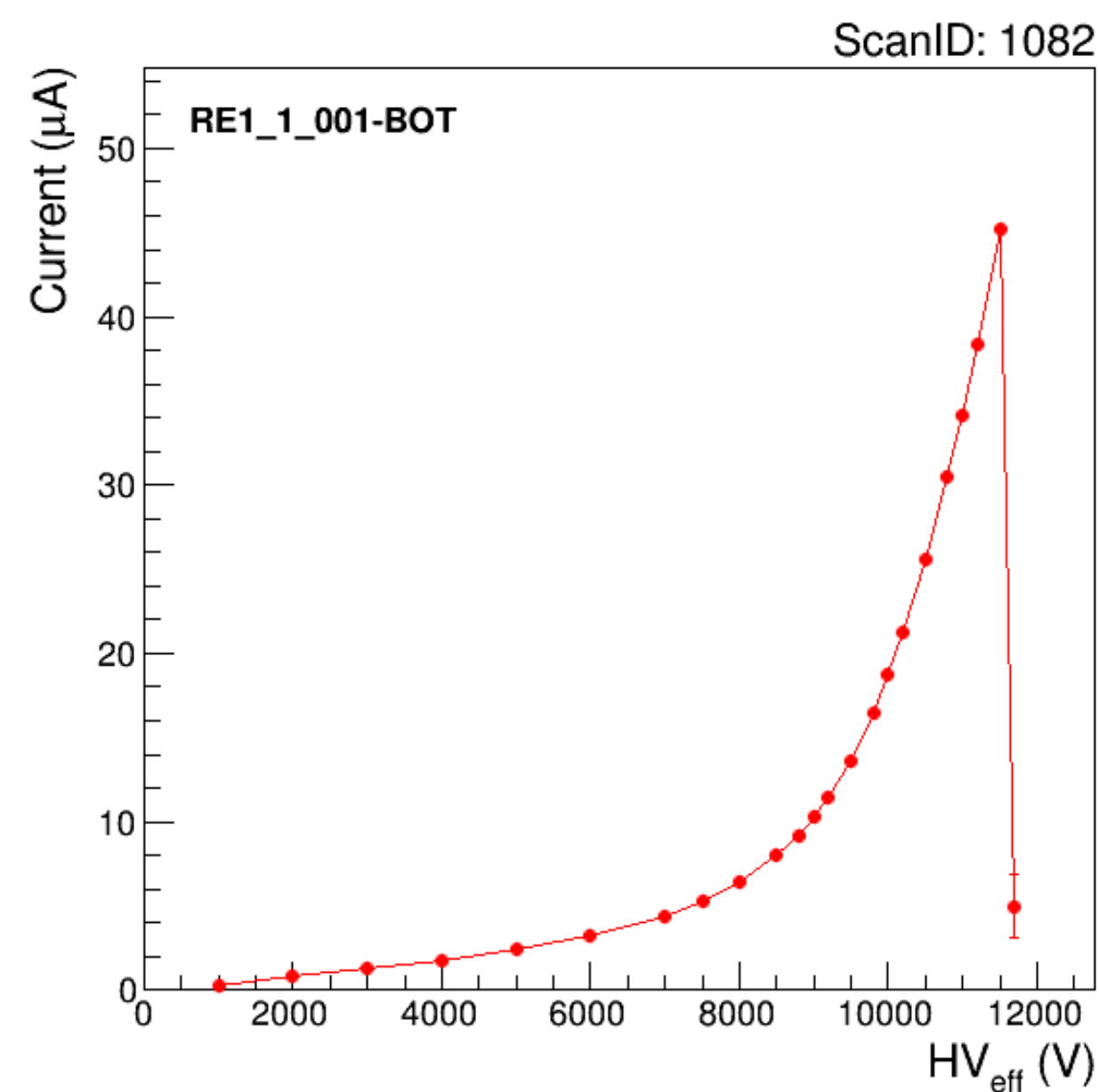
SHiP

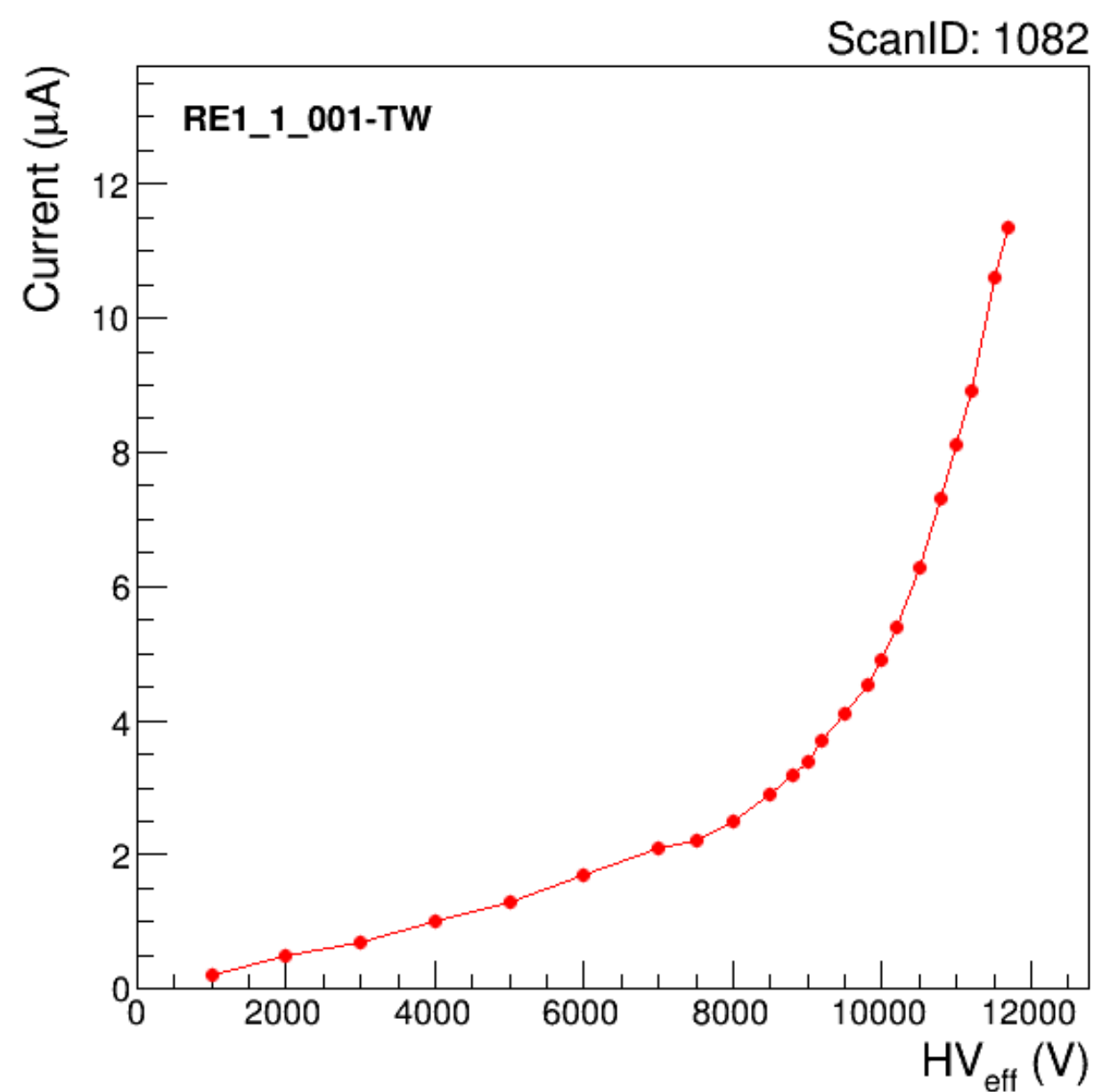# Comparison with previous week

ALICE

Comparison with previous week
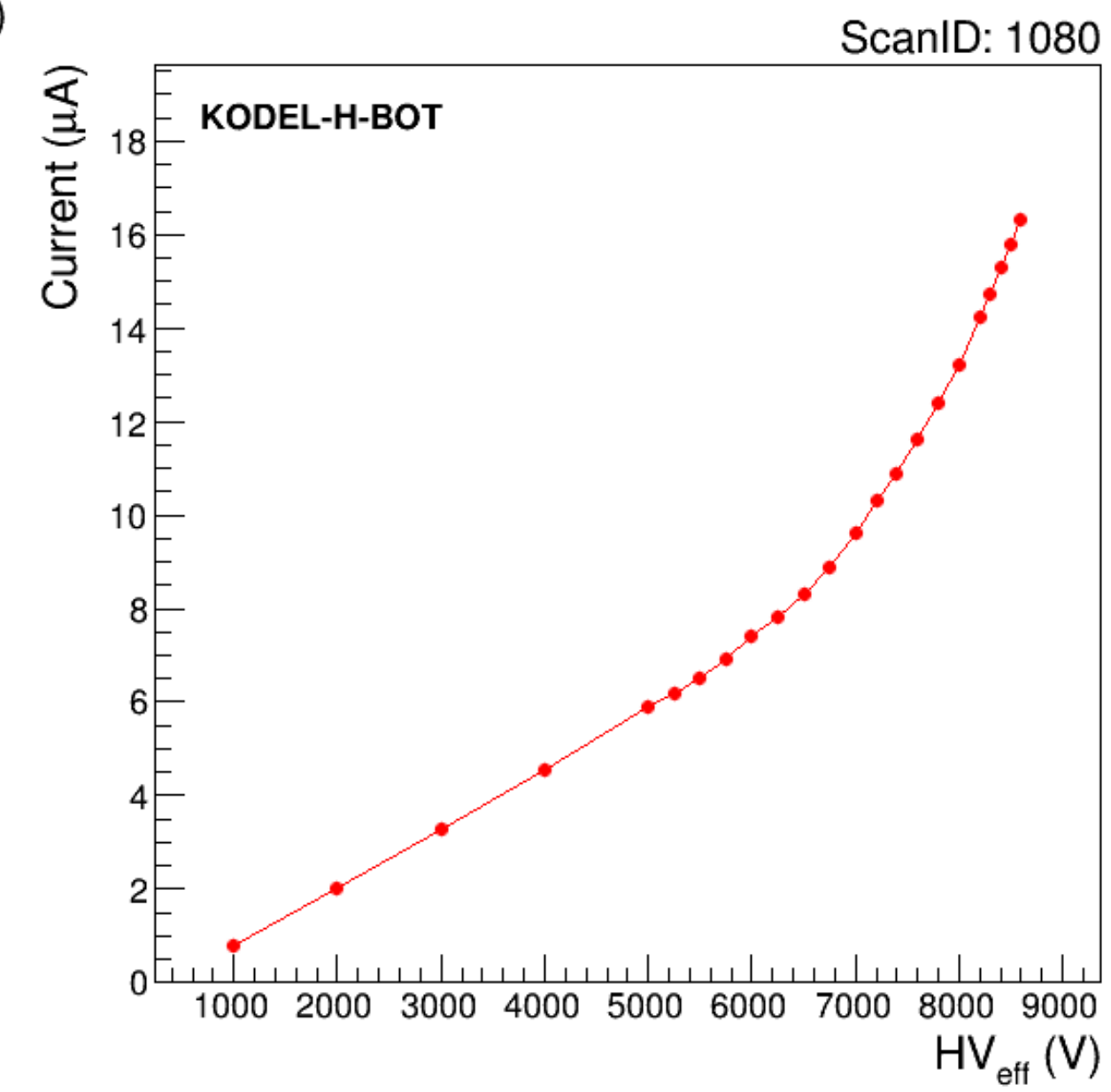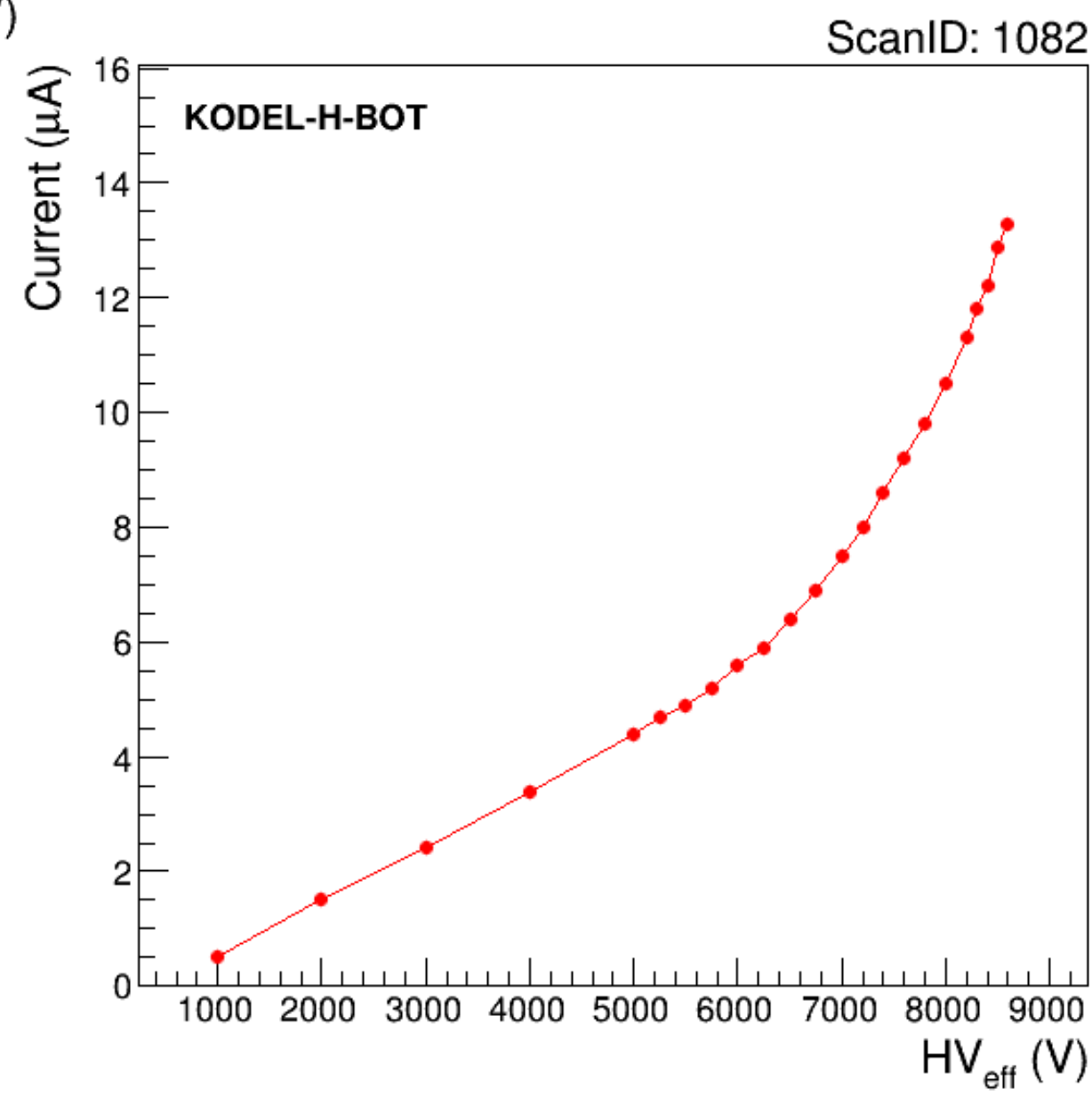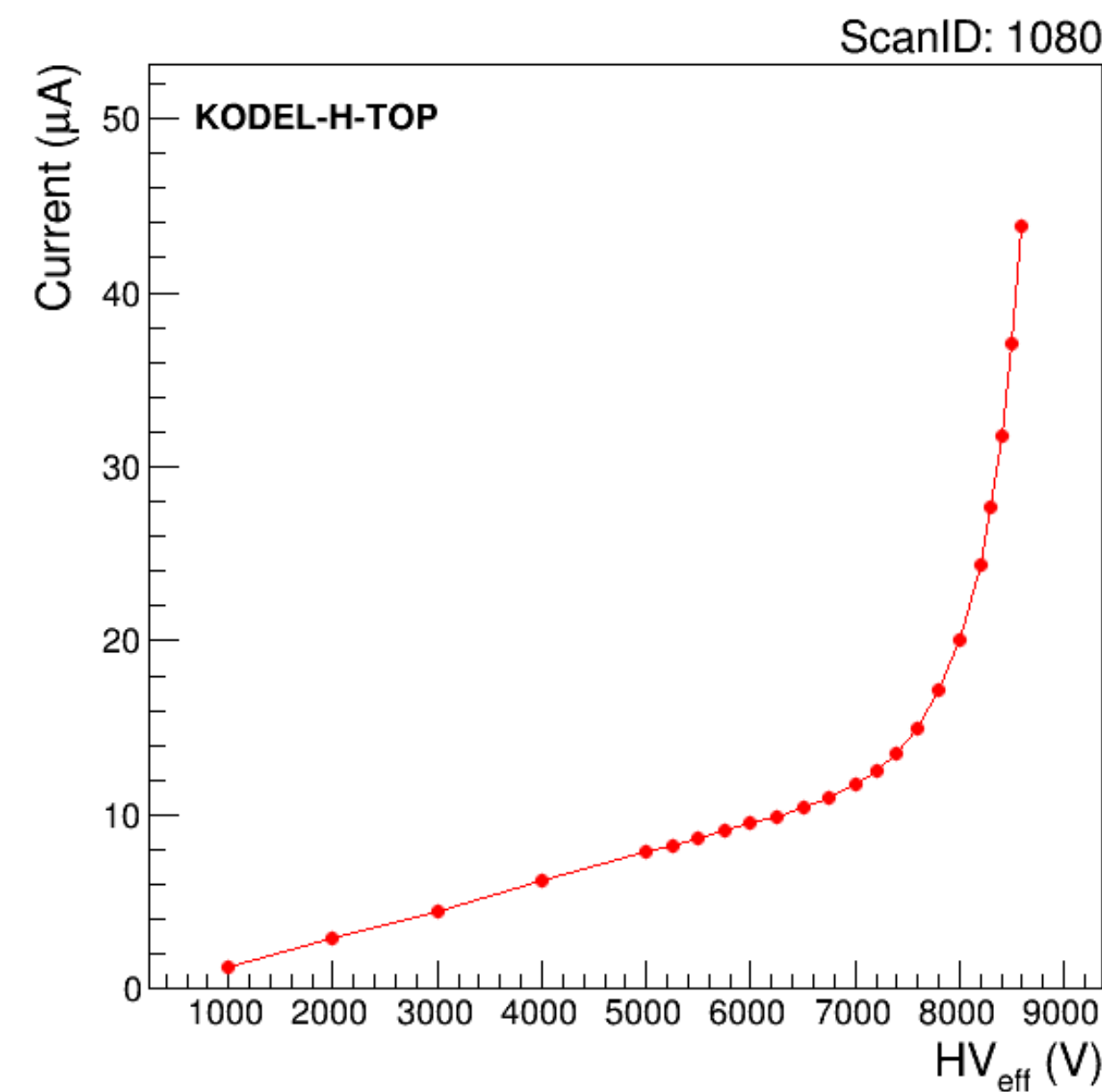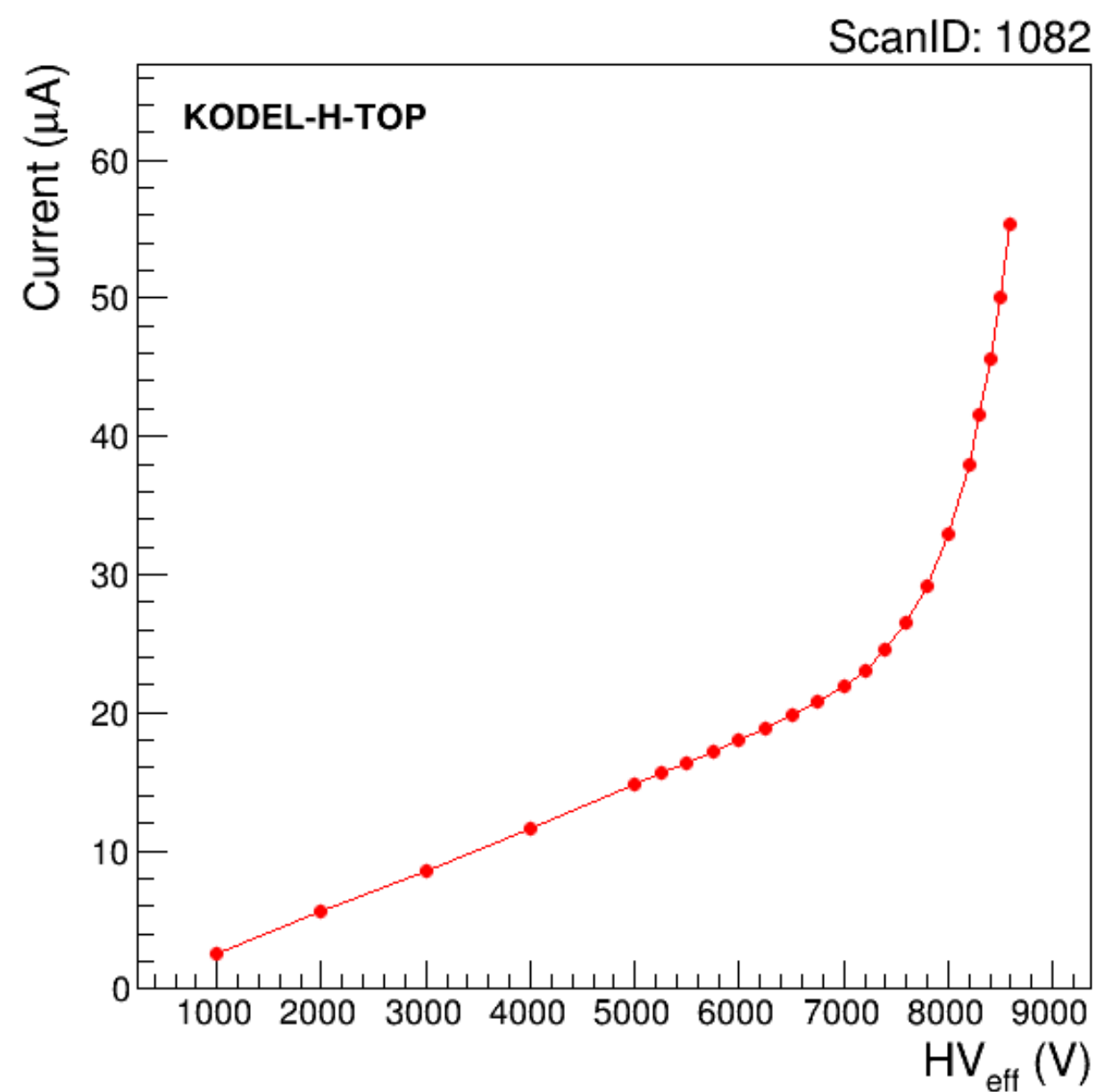
EPDT

Comparison with previous week

RE1_1

Comparison with previous week

KODEL H

Instructions for next shifter

- ALICE, EPDT, RE1-1, SHiP, KODEL-H to be included

- For current scan use template 1082

- For stability scan use template 264 (i0 to be changed manually)

  - NB: KodelH @6000V, EPDT ask CERN group

Stability - Run ID 0264

Summary	Run config	Log file	Monitoring	Plots

Chamber/gap	Enabled	Working voltage (V)	Standby voltage (V)	i0 (uA)
ALICE-2-1	✓	9500	6500	50
EPDT-RPC25	✓	10600	6500	150
SHiP-1-6	✓	8800	5000	300
RE1_1_001-BOT	✓	10600	6500	60
RE1_1_001-TN	✓	10600	6500	50
RE1_1_001-TW	✓	10600	6500	50
KODEL-H-BOT	✓	6000	5000	50
KODEL-H-TOP	✓	6000	5000	100