RPC eco-gas at GIF++

Weekly report

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November 19th, 2024

Stability run 234

Stability run registry

Run ID	Start time	End time/Last action	Duration	Comment	Status
0234	2024-11-13 19:08	2024-11-18 21:37	5 days, 2 hours, 28 minutes	Starting new stability run - source ON - ECO2 gas mixture...	ONGOING

- All chambers included, but ATLAS
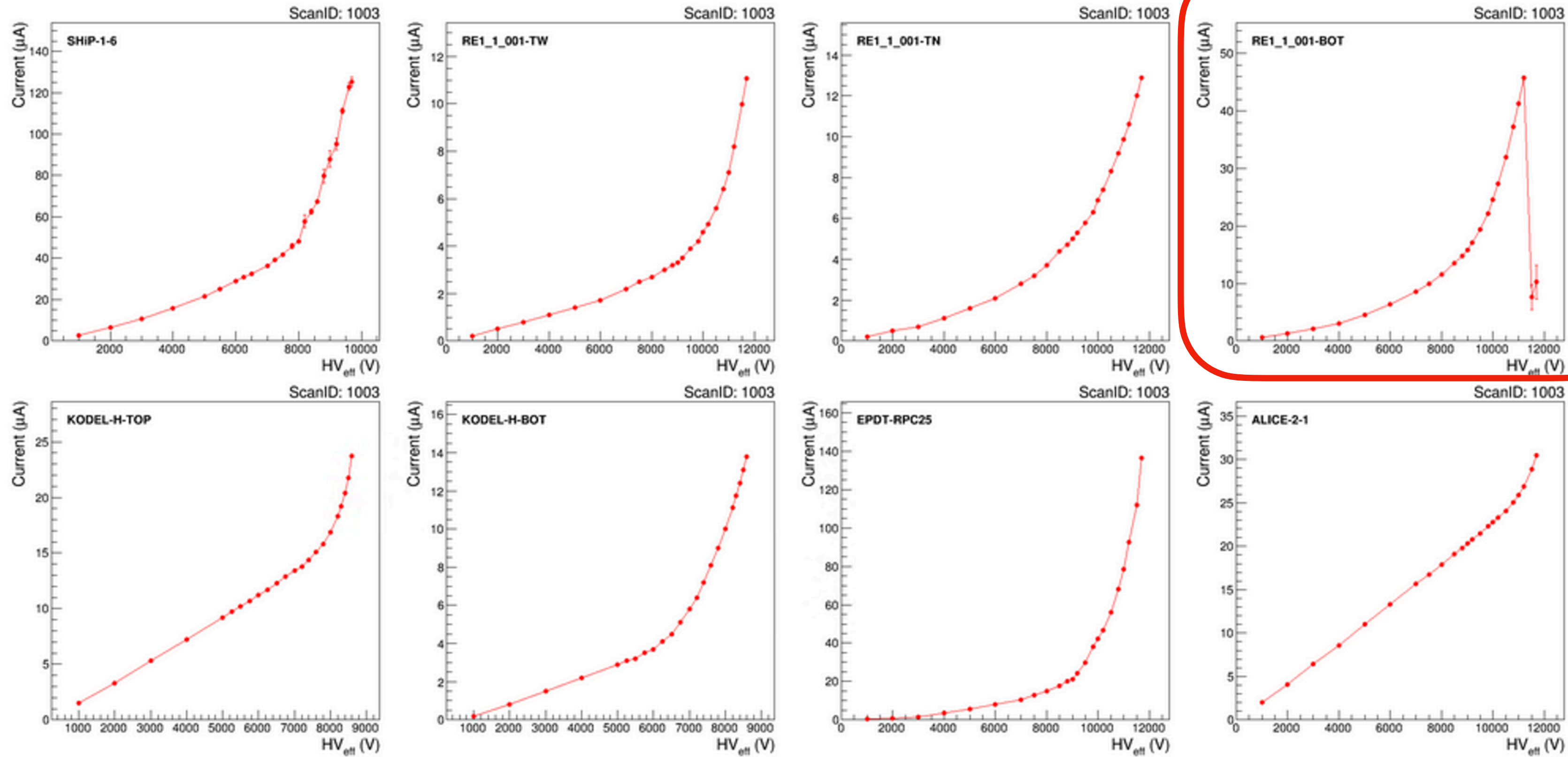
- No major problems during the shift

Stability run 234

HV scan 1003
Wednesday 13th, November
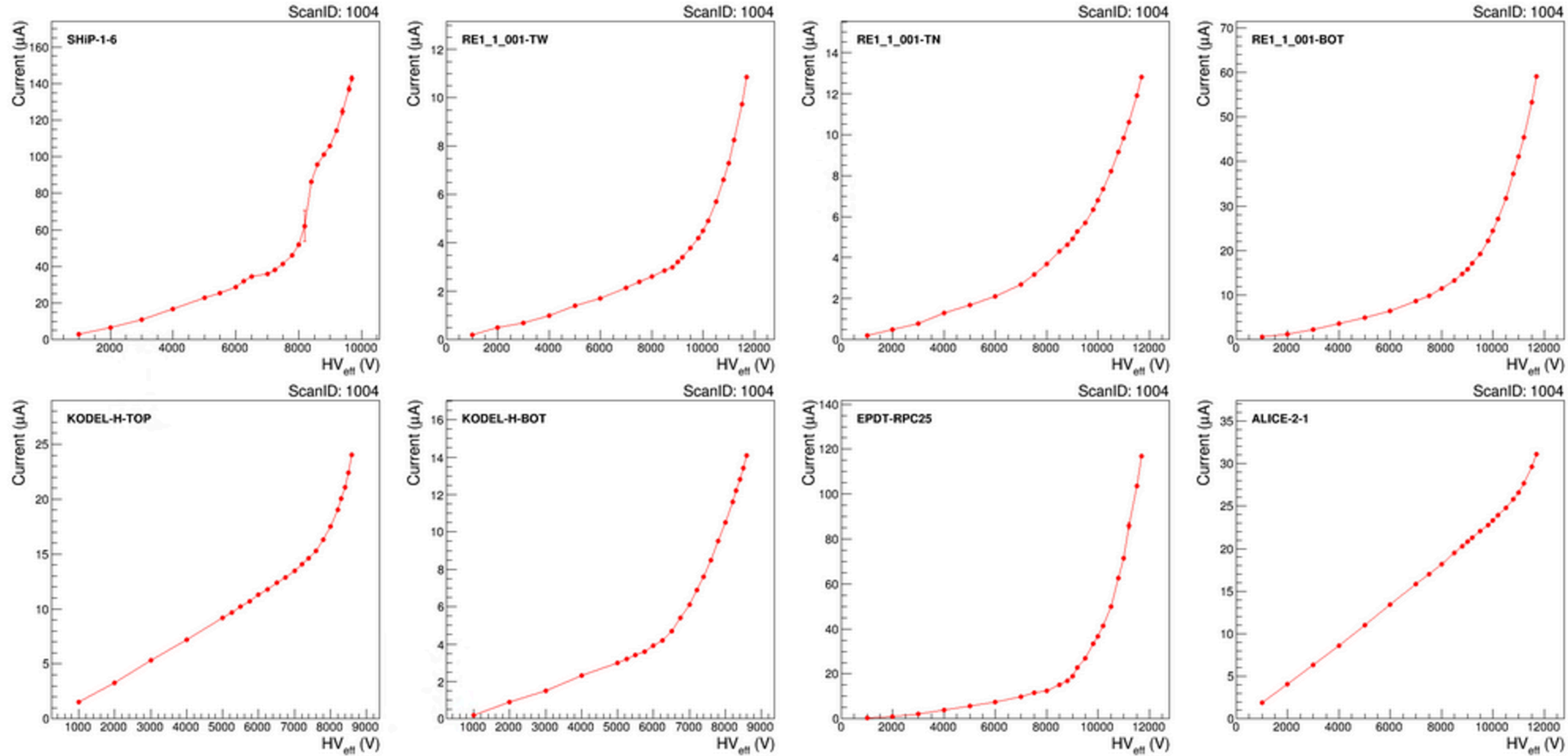
Trip: current > I0set (50 uA)

HVscan run registry

Scan ID	Scan type	Start time	Label	Status	#HV
	Select scan type		Select label	Select status	
001004	Current scan	2024-11-13 14:17	ECOGAS2	FINISHED	23
001003	Current scan	2024-11-13 12:59	ECOGAS2	FINISHED	23

HV scan 1004
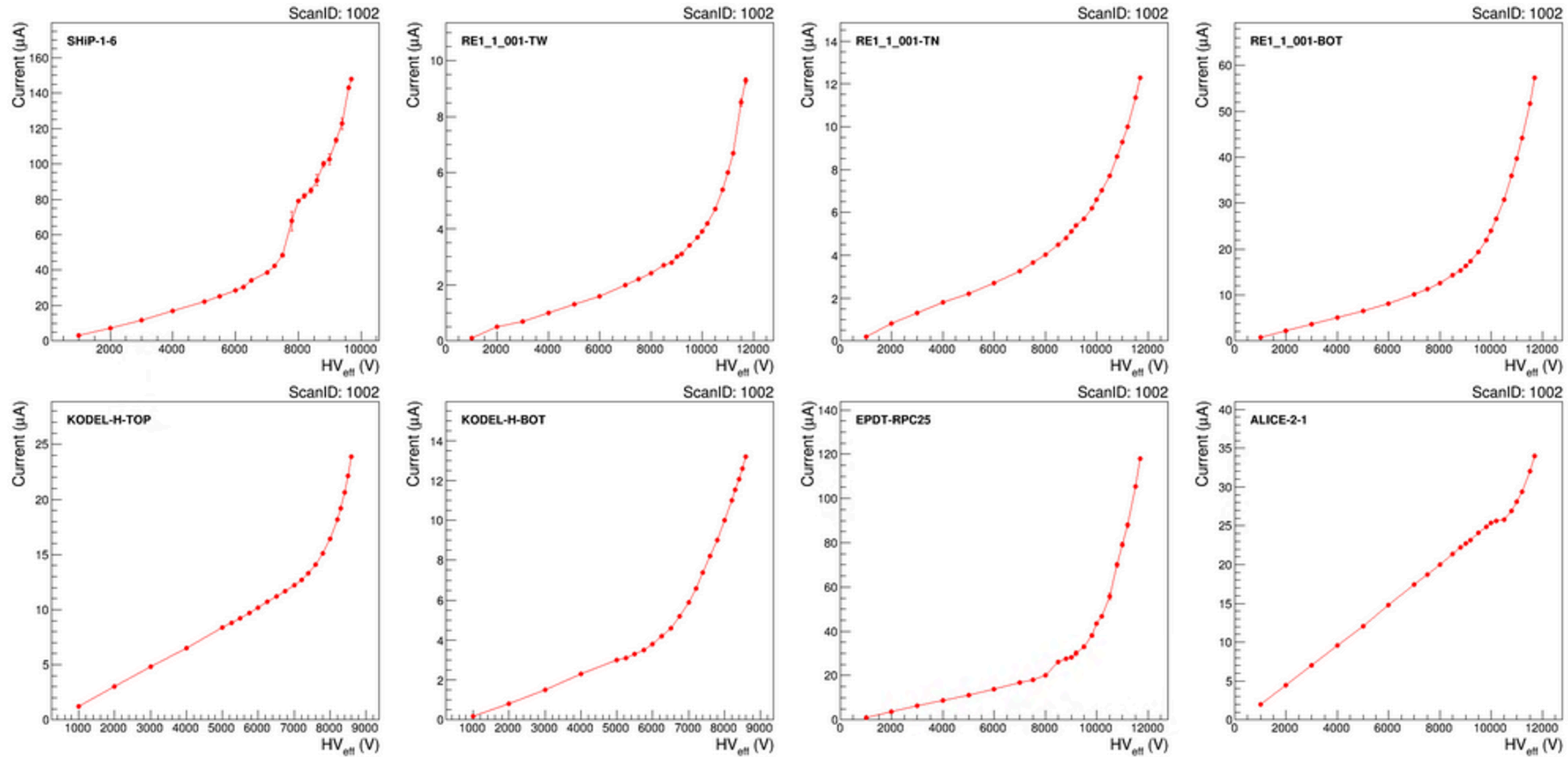## Wednesday 13th, November

I0set 70 uA during HV scan

HVscan run registry

Scan ID	Scan type	Start time	Label	Status	#HV
	Select scan type		Select label	Select status	
001004 ⬈	Current scan	2024-11-13 14:17	ECOGAS2	FINISHED	23
001003 ⬈	Current scan	2024-11-13 12:59	ECOGAS2	FINISHED	23

HV scan 1002 from last week
Wednesday 6th, November

- No huge differences observed w.r.t. this week HV scans

Instructions for the next shifter

Detectors to be included: ALICE, EPDT, RE1-1, SHiP, KODEL-H
For current scan use template 1004
For stability scan use template 234

RE1_1 I0 set to 50 uA by default -> set 70 uA during HV scan

Stability - Run ID 0234

| Summary | Run config | Log file | Monitoring | Plots | | ALICE-2-1 ⌄ |

Chamber/gap	Enabled	Working voltage (V)	Standby voltage (V)	i0 (uA)	Attenuator standby
ALICE-2-1	☑	10200	6500	90	1 (111) ⌄
EPDT-RPC25	☑	9000	6500	150	1 (111) ⌄
SHiP-1-6	☑	8800	5000	170	1 (111) ⌄
RE1_1_001-BOT	☑	10600	6500	50	1 (111) ⌄
RE1_1_001-TN	☑	10600	6500	50	1 (111) ⌄
RE1_1_001-TW	☑	10600	6500	50	1 (111) ⌄
KODEL-H-BOT	☑	5000	5000	50	1 (111) ⌄
KODEL-H-TOP	☑	5000	5000	50	1 (111) ⌄