

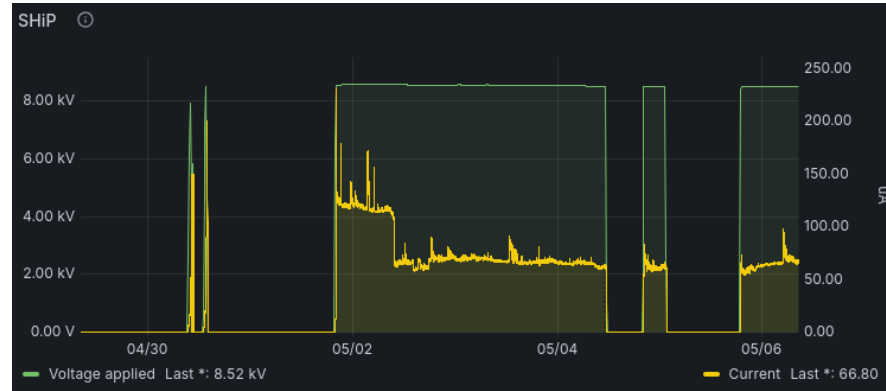
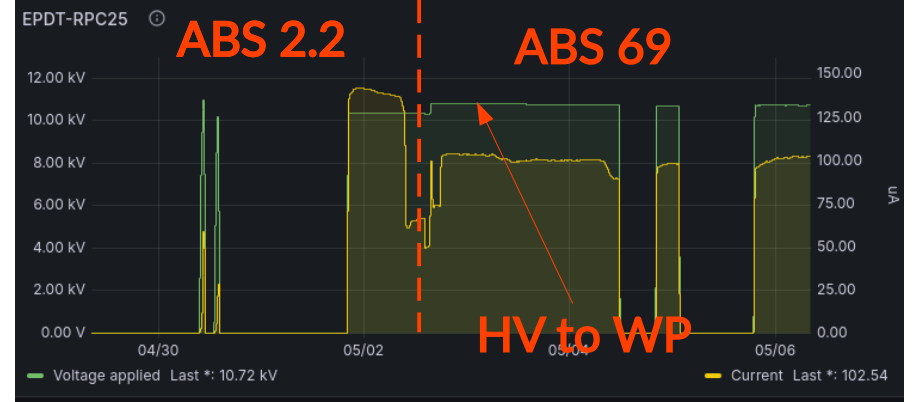
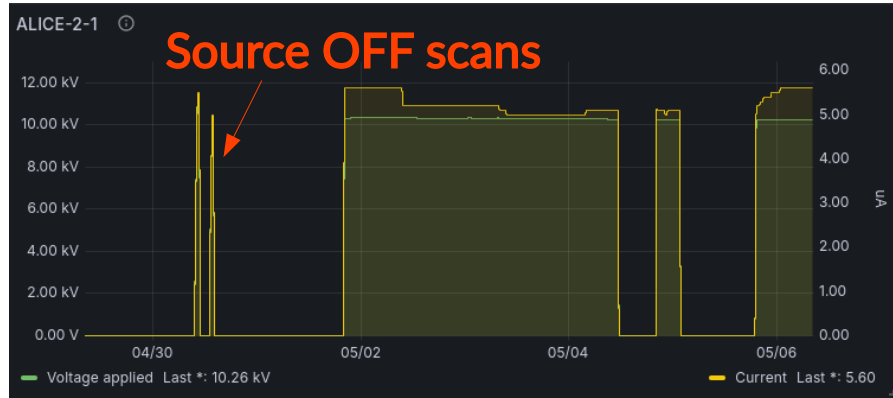
# Report on weekly shift

*Luca Quaglia*

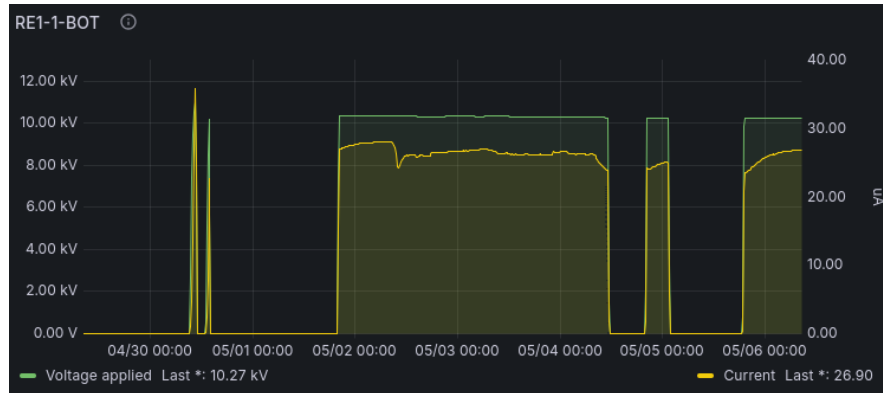
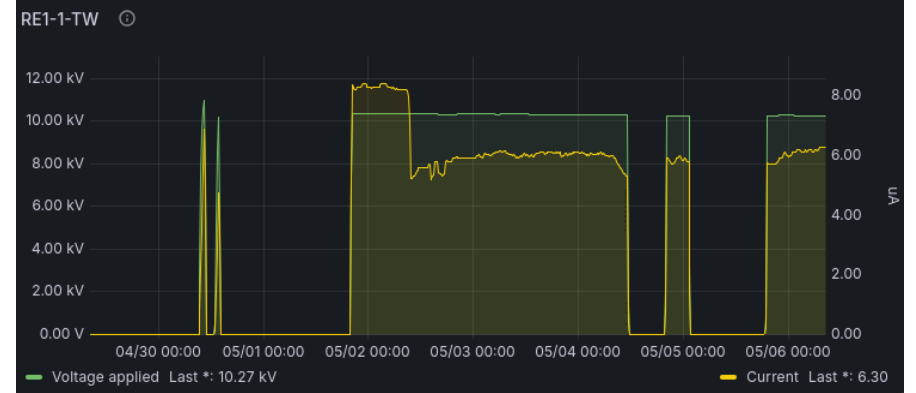
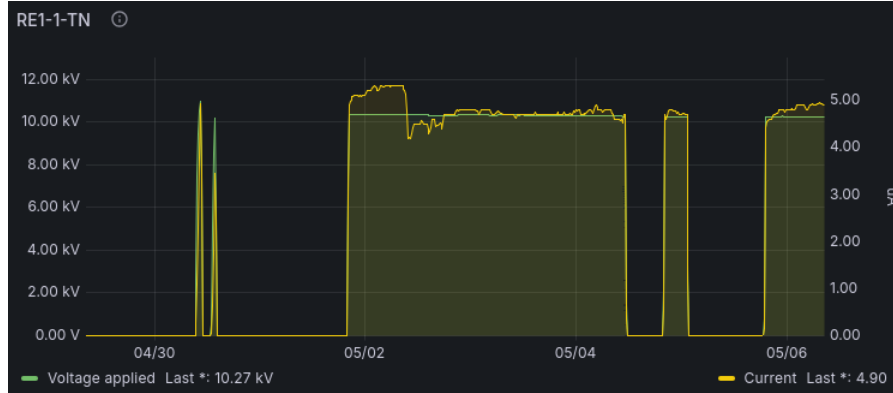
# Weekly report - 1

- Currently flushing with ECO2 and stability ongoing
- ABS 69 during the week and EP-DT RPC at full efficiency for ABS 69
- Few interruptions of isobutane flow during the week
  - Problem with an EV
  - Fixed now by replacing EV but better to keep an eye out
  - If isobutane goes below 0.4 → automatic gas kill of stability run
- Two source-off scans taken before the start of irradiation (on April 30<sup>th</sup>)
  - 1078 ([here](#)) → KODEL-H TOP > 100 uA, removed from next scan
  - 1079 ([here](#))
- Three stability scans → ATLAS and KODEL-H not included
  - 258 (stopped due to no isobutane, [here](#))
  - 259 (stopped due to no isobutane, [here](#))
  - 260 (ongoing, [here](#))

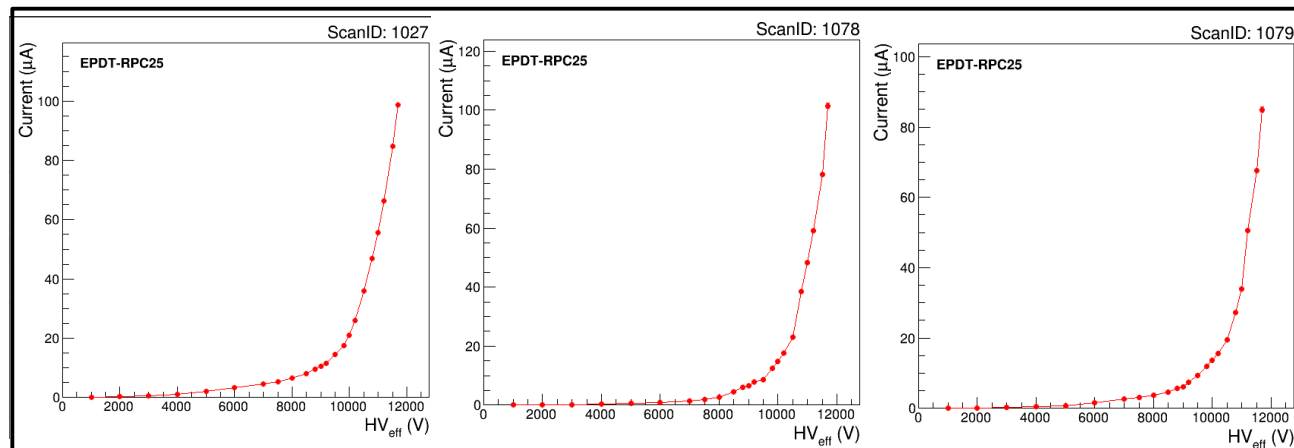
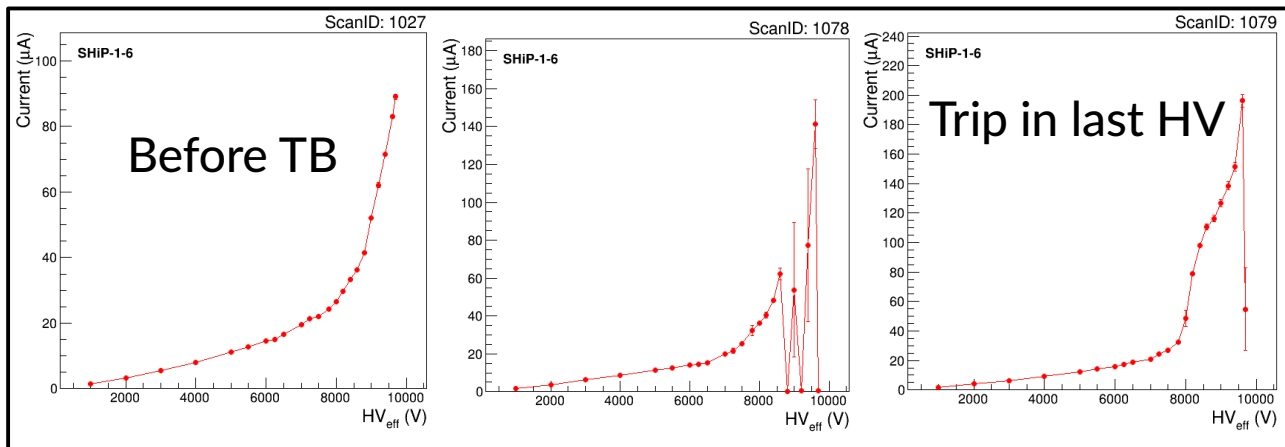
# Weekly report - 2



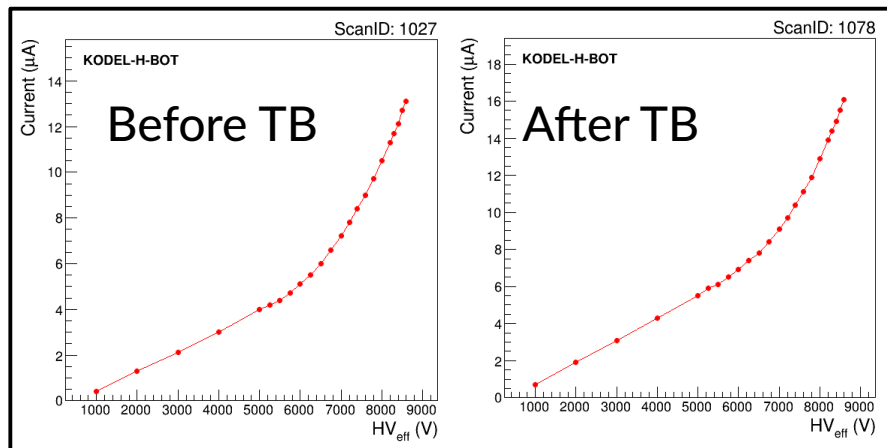
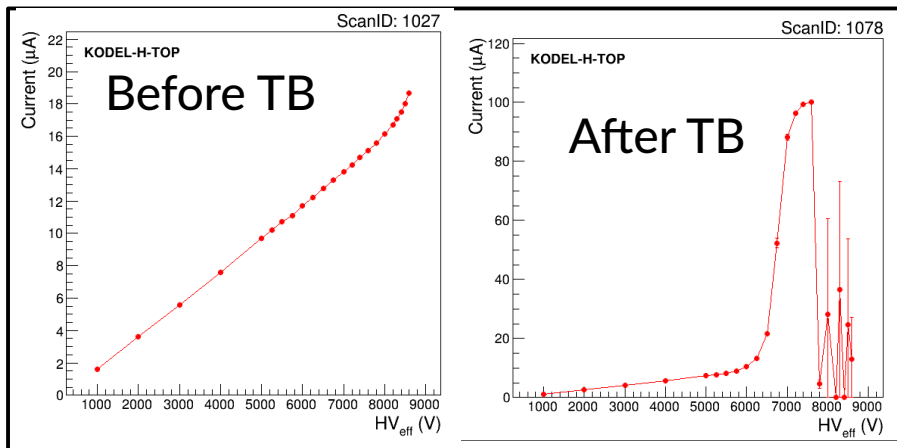
# Weekly report - 3



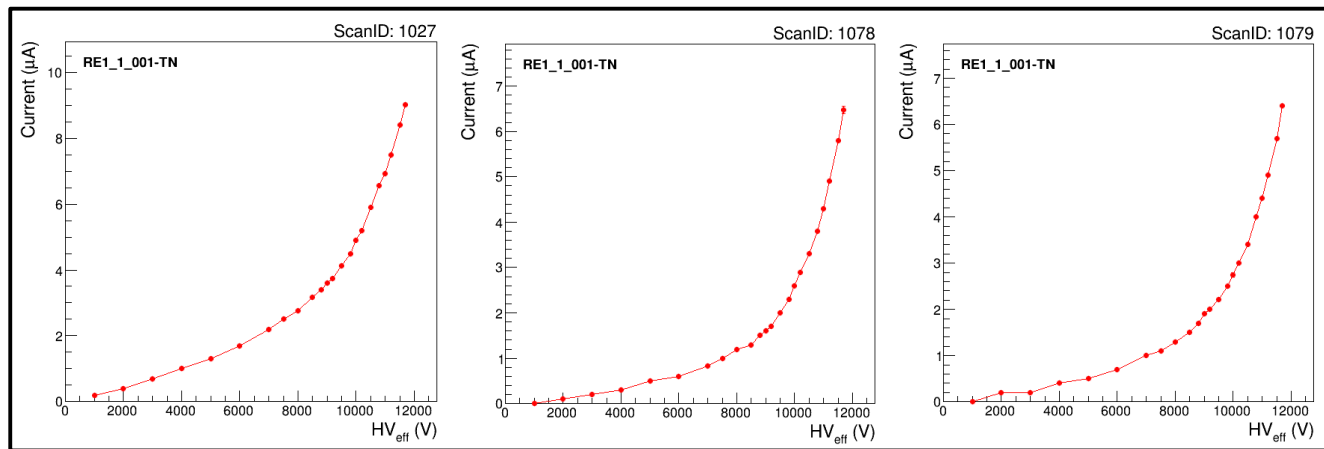
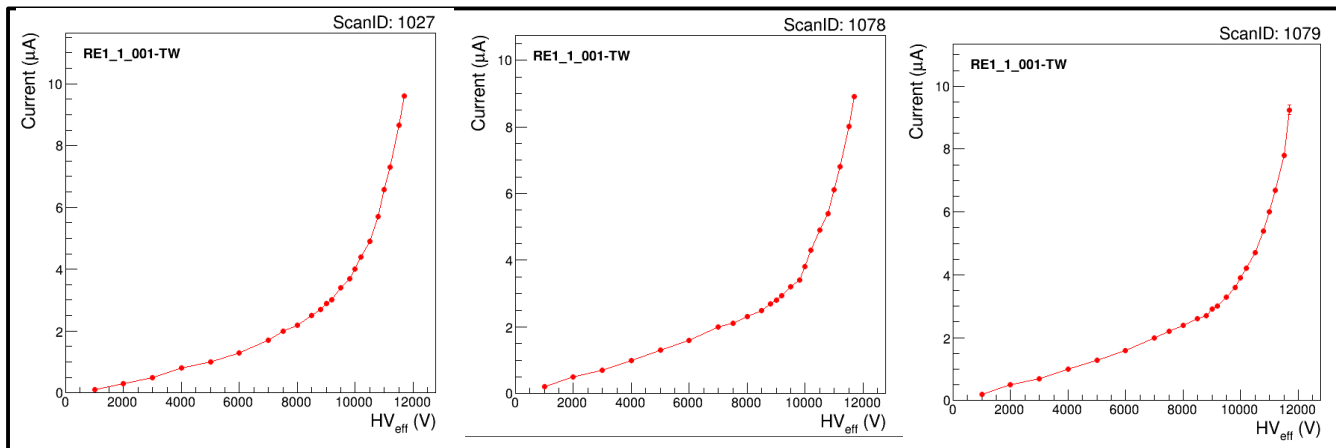
# Source off scan comparison



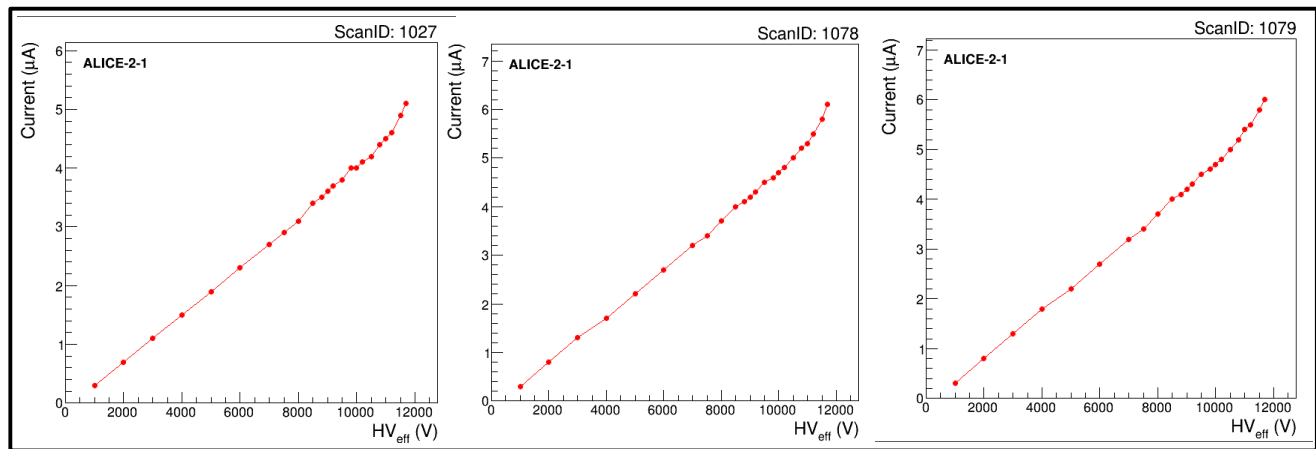
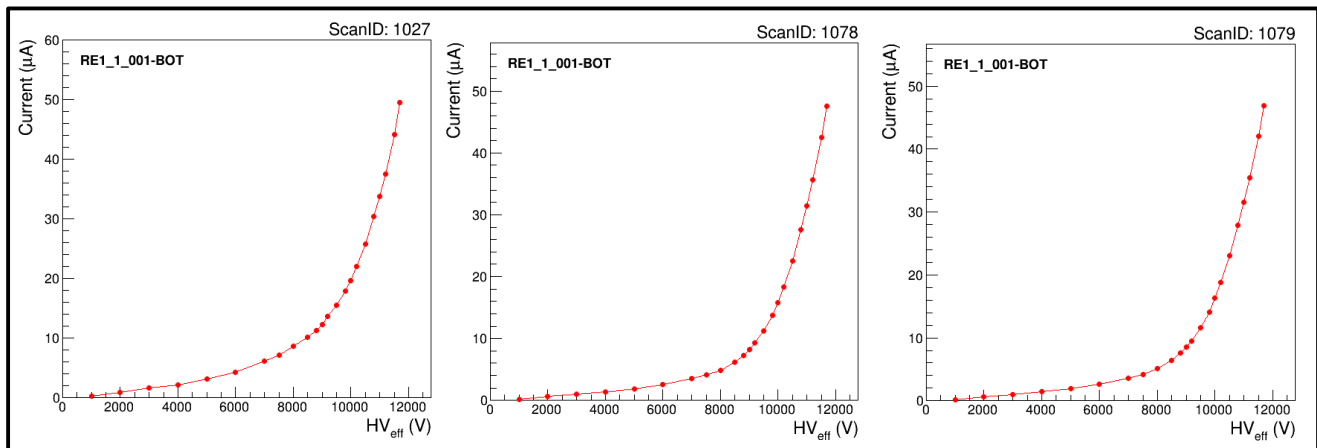
# Source off scan comparison



# Source off scan comparison



# Source off scan comparison





# Instructions for next shifter

- Continue ongoing run (260) with EPDT at WP
  - At GIF++ weekly meeting (Thu) we will discuss whether we want to still have 69 or if we are satisfied
- If ABS 69 is maintained
  - EP-DT at WP (same config as run 260)
- If ABS 2.2 is put back
  - EP-DT at 10.6 kV

Chamber/gap	Enabled	Working voltage (V)	Standby voltage (V)	i0 (uA)	Attenuator standby
ALICE-2-1	<input checked="" type="checkbox"/>	<input type="text" value="10600"/>	<input type="text" value="6500"/>	<input type="text" value="50"/>	<input type="text" value="1 (111)"/> ▾
EPDT-RPC25	<input checked="" type="checkbox"/>	<input type="text" value="11074"/>	<input type="text" value="6500"/>	<input type="text" value="300"/>	<input type="text" value="1 (111)"/> ▾
SHiP-1-6	<input checked="" type="checkbox"/>	<input type="text" value="8800"/>	<input type="text" value="5000"/>	<input type="text" value="300"/>	<input type="text" value="1 (111)"/> ▾
RE1_1_001-BOT	<input checked="" type="checkbox"/>	<input type="text" value="10600"/>	<input type="text" value="6500"/>	<input type="text" value="50"/>	<input type="text" value="1 (111)"/> ▾
RE1_1_001-TN	<input checked="" type="checkbox"/>	<input type="text" value="10600"/>	<input type="text" value="6500"/>	<input type="text" value="50"/>	<input type="text" value="1 (111)"/> ▾
RE1_1_001-TW	<input checked="" type="checkbox"/>	<input type="text" value="10600"/>	<input type="text" value="6500"/>	<input type="text" value="50"/>	<input type="text" value="1 (111)"/> ▾