

# **ECOGas weekly meeting**

## **Weekly shift report**

*Luca Quaglia<sup>1</sup>*

<sup>1</sup>INFN Torino

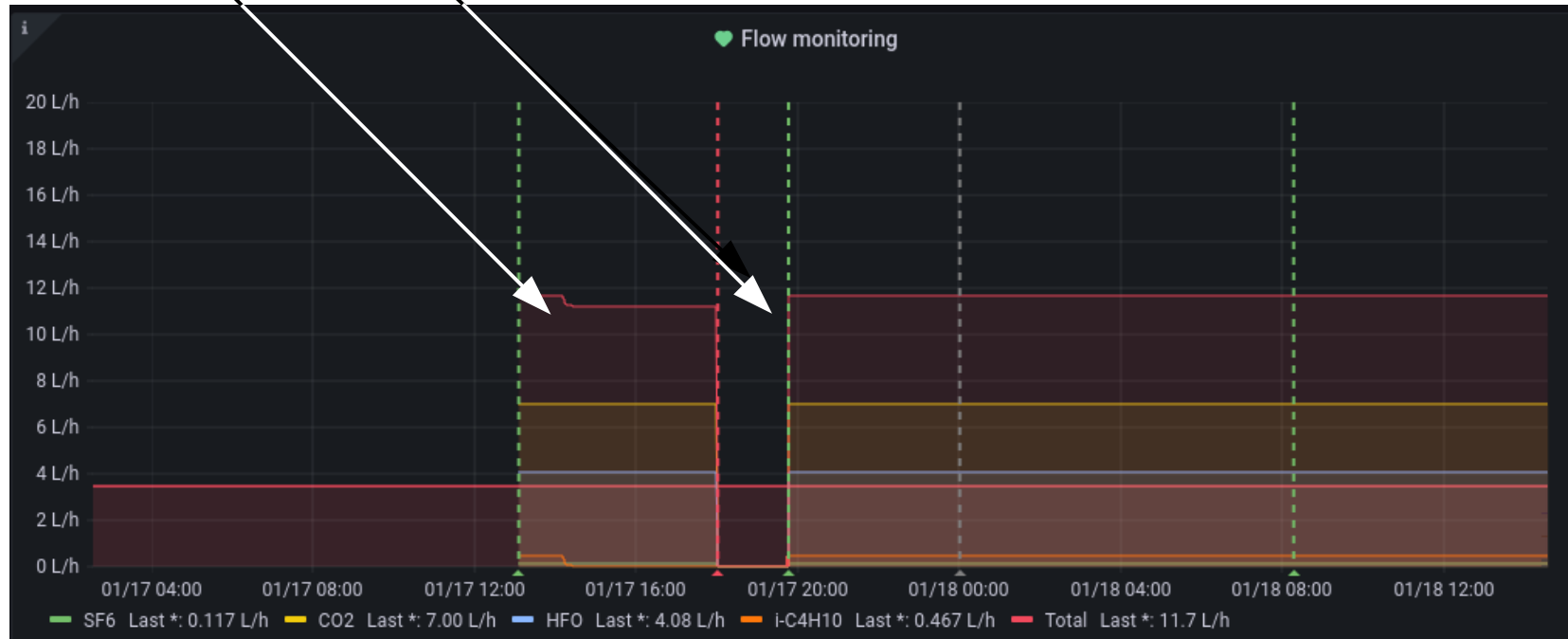
# System status

- System restarted yesterday in the morning and flushing now with ECO2
- In the morning the main isobutane valve was closed due to the Xmas break and I talked to Giuseppe and re-opened it at around 7 pm
- Source-off current scan performed today and another one this afternoon
- ATLAS and ALICE RPCs still out, currently flushing EPDT, KODEL-H, RE11 and SHiP
- New impact for 2024 → [223457](#)
- News from the GIF++ facility:
  - Test beam dates not yet known
  - Source is still OFF and most probably it will be restarted next Monday (22<sup>nd</sup> of January) so we can resume the shifts next week
  - ISD form to be filled out for safety

# System status - 2

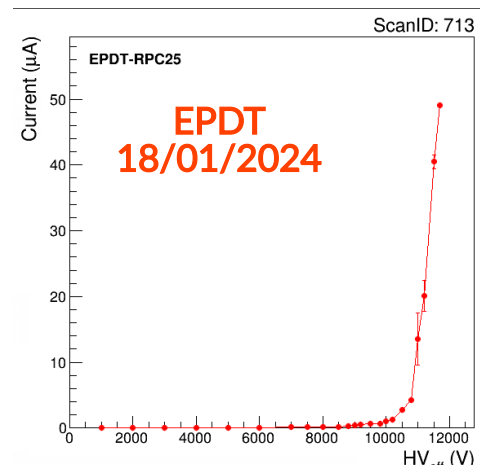
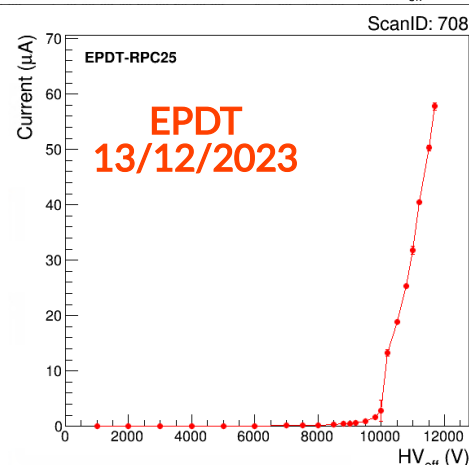
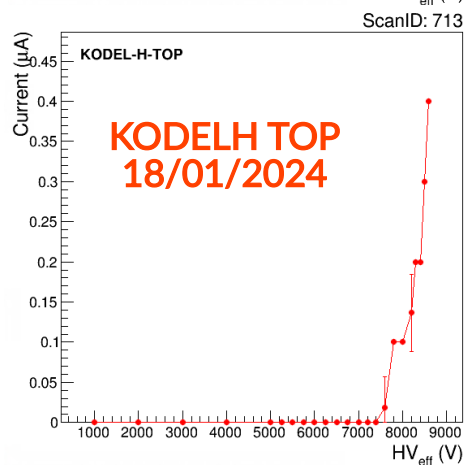
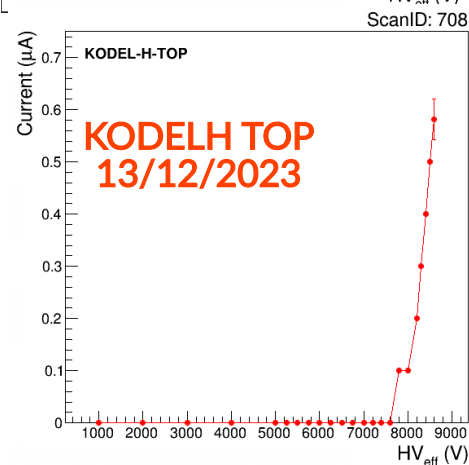
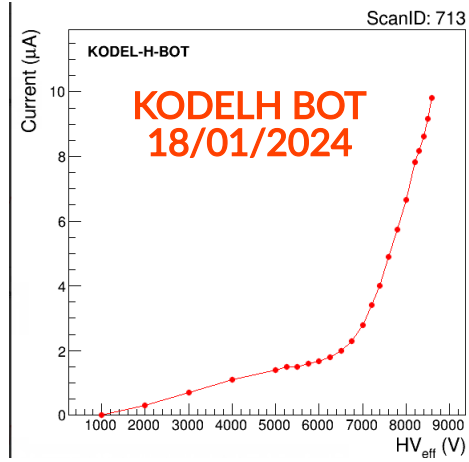
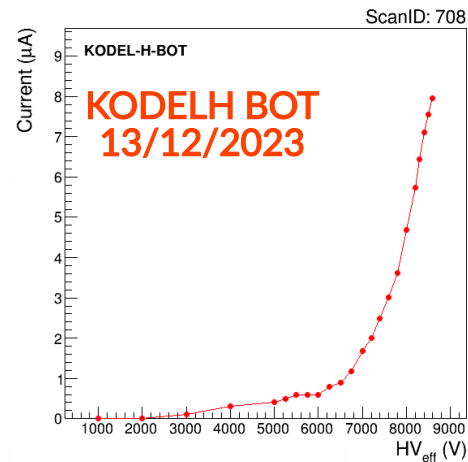
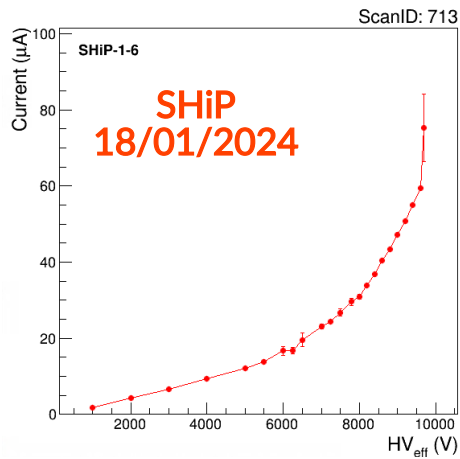
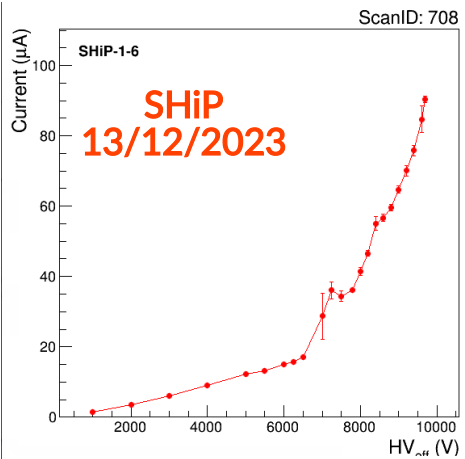
Isobutane valve closed

Isobutane valve re-opened



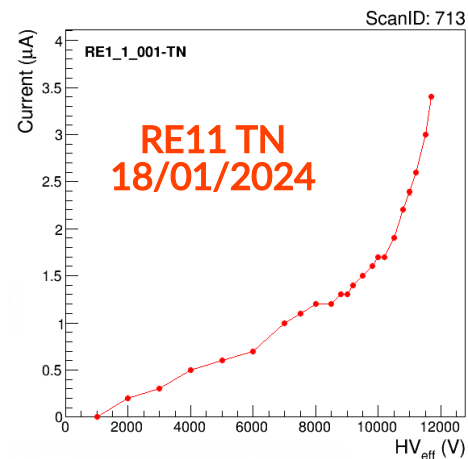
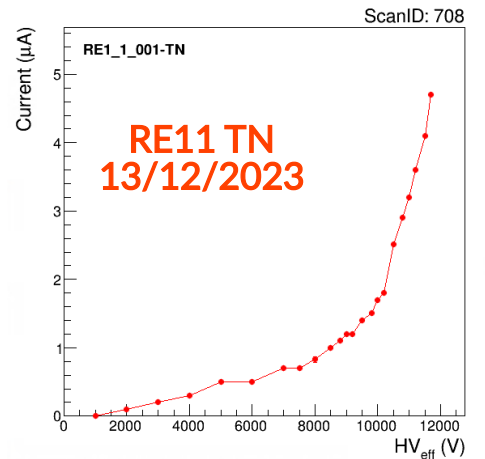
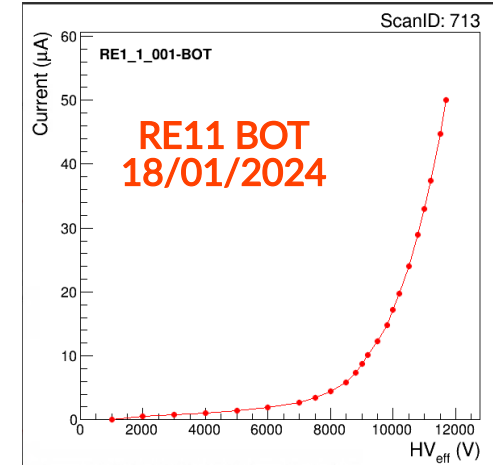
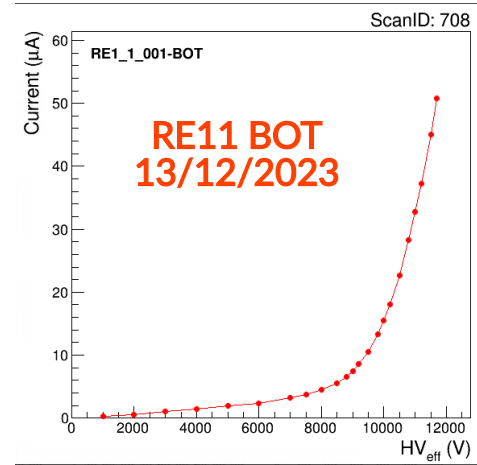
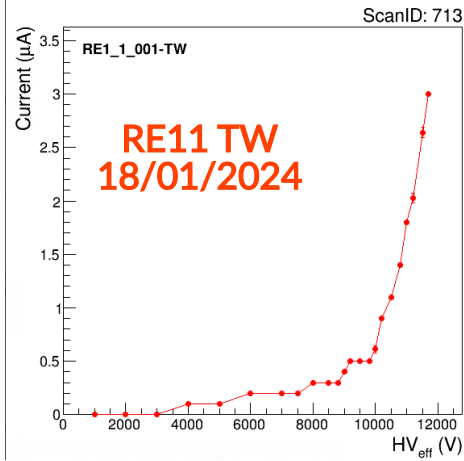
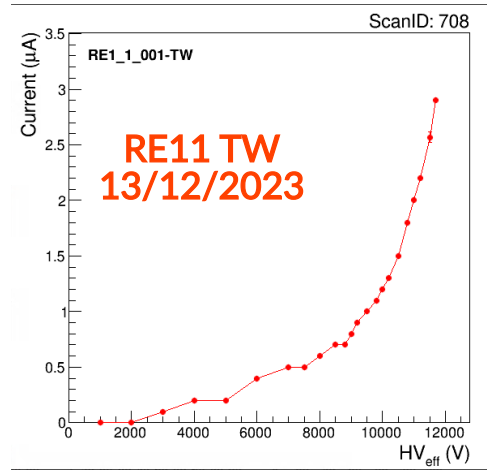
# Source-off scans comparison

- Comparison between scan 708 (last one before Xmas break) and 713 (this morning)



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# Conclusion

- Flows need to be properly regulated for each chamber
  - Operation will be carried out tomorrow
  - In the meantime, after second source off scan I will stop the gas flow
  - Irradiation and shifts will resume next week
- No news yet on the precise measurement of humidity at the input of each RPC
  - Tests of a possible solution ongoing in the EPDT lab
- No news yet on the measurement of possible leakage current
  - Under investigation