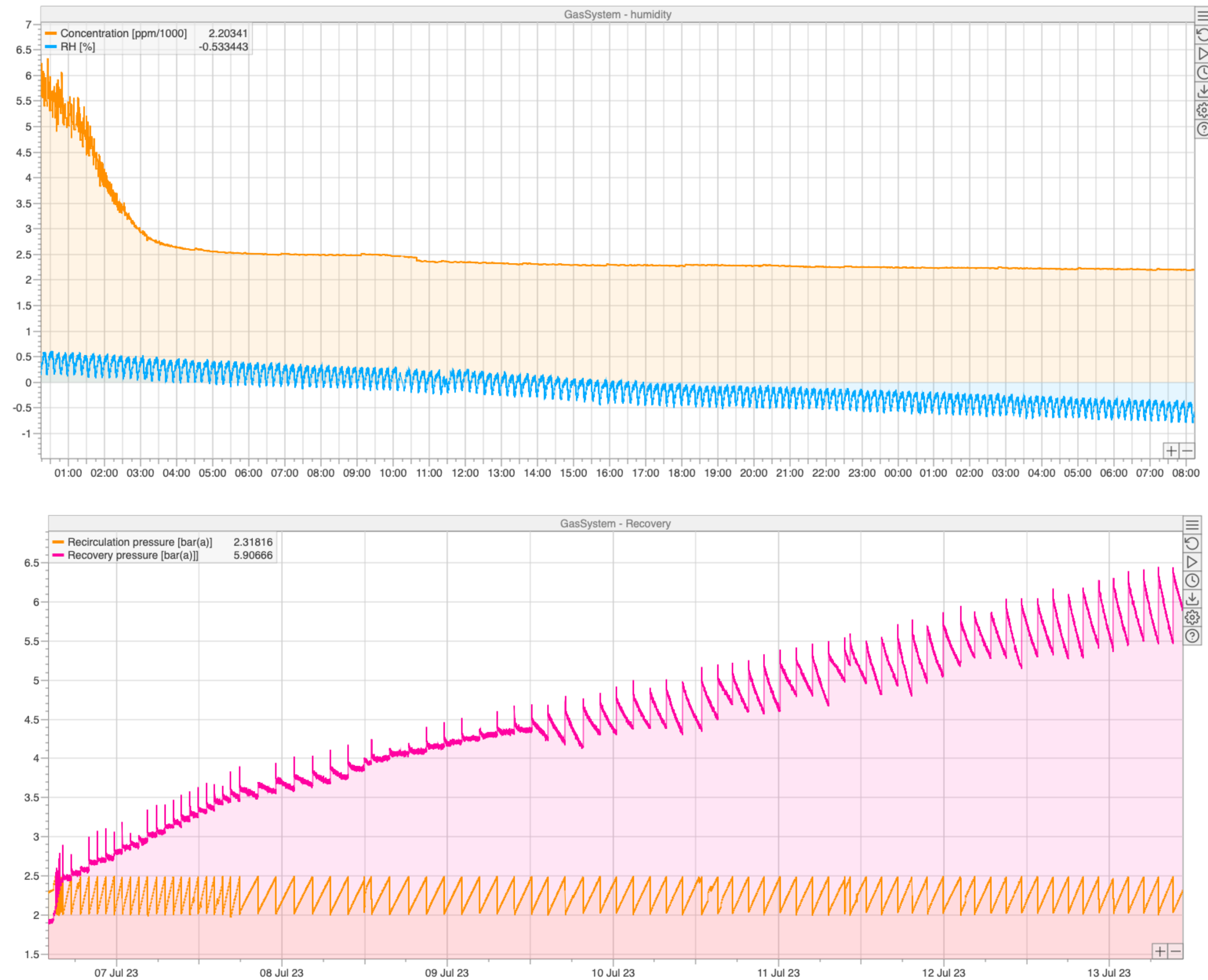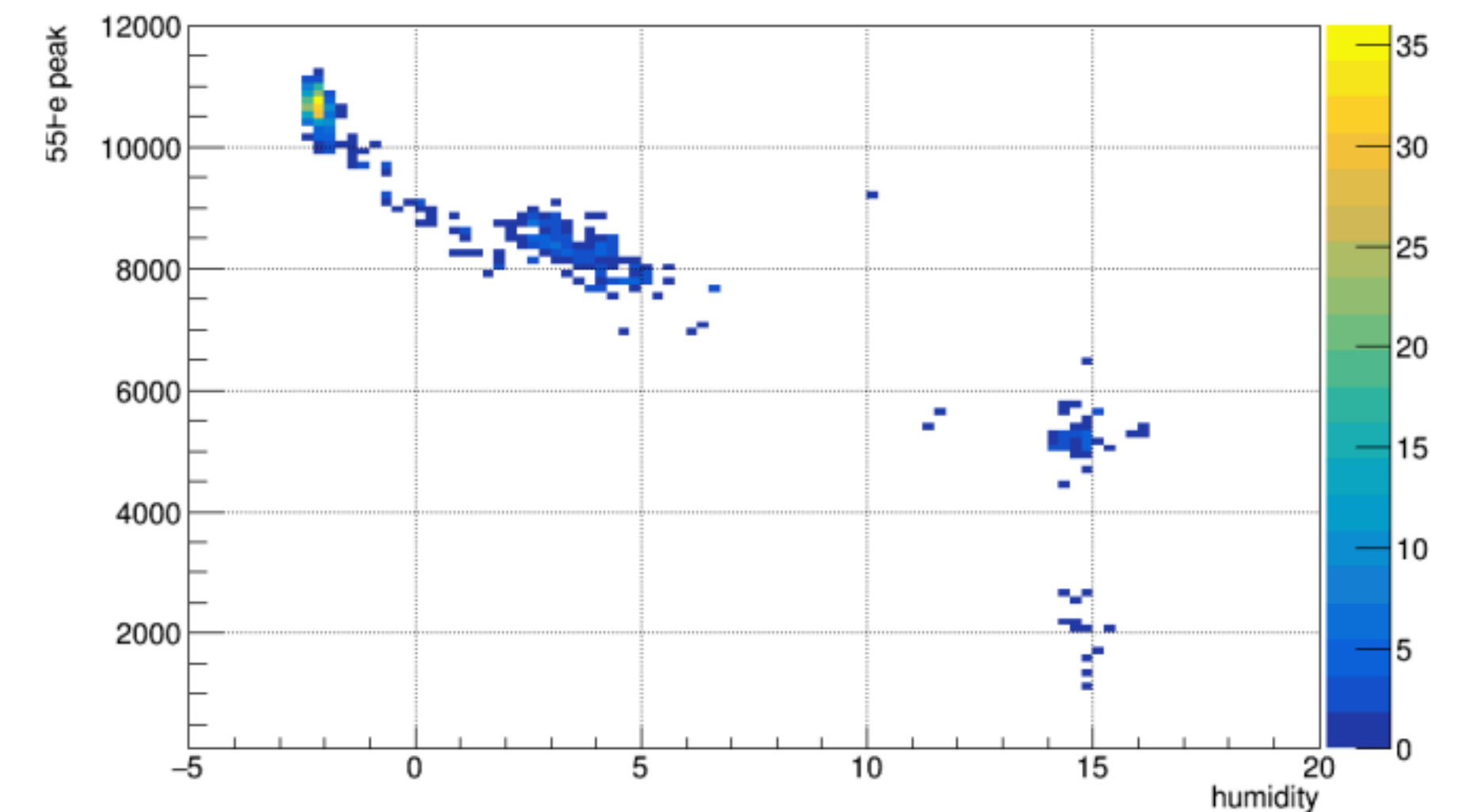# General Meeting

News

LIME

The new booster (with new sealing) is properly working

After filter on Line2 was replaced, both filter lines were successfully tested and showed to be able to keep humidity level to very low value;

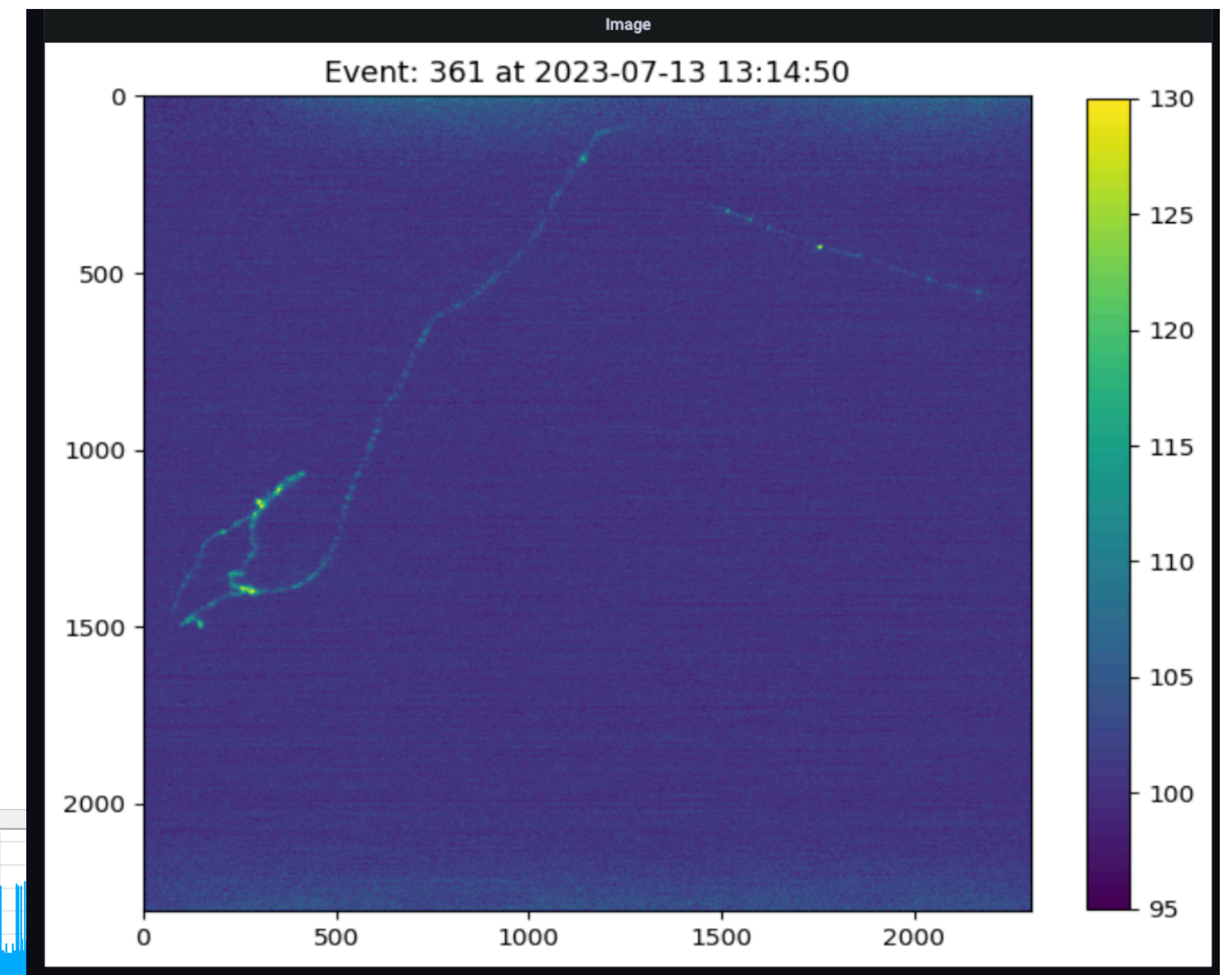In this configuration we expect the light yield to be very good;

Moreover, we are running with just 1 litre/hour of fresh gas without significant leakages (300-350 cc/hour)

LIME

Since yesterday, after some more improvements (see Stefano's slides), we are intensively testing the whole system and we started a standard "golden background data acquisition";

Igor A is hardly working to fix few minor issues on DB and the automatic reco will start

Once those items are fixed we can start with RUN#3-Phase2;

Moreover Elisabetta is working to have the permission for the use of **AmBe** source for a week (or even 10 days) from the **24 of July;**
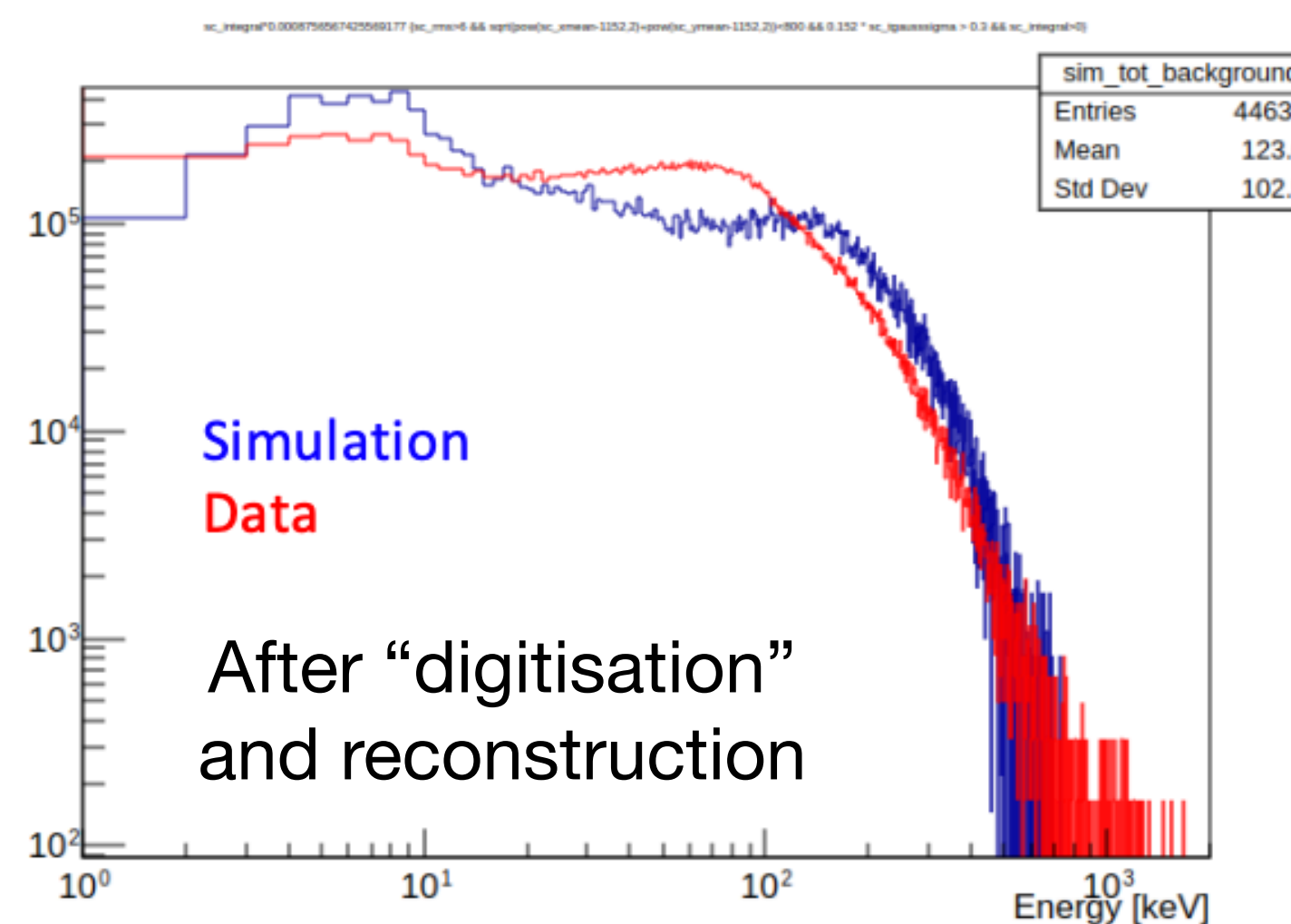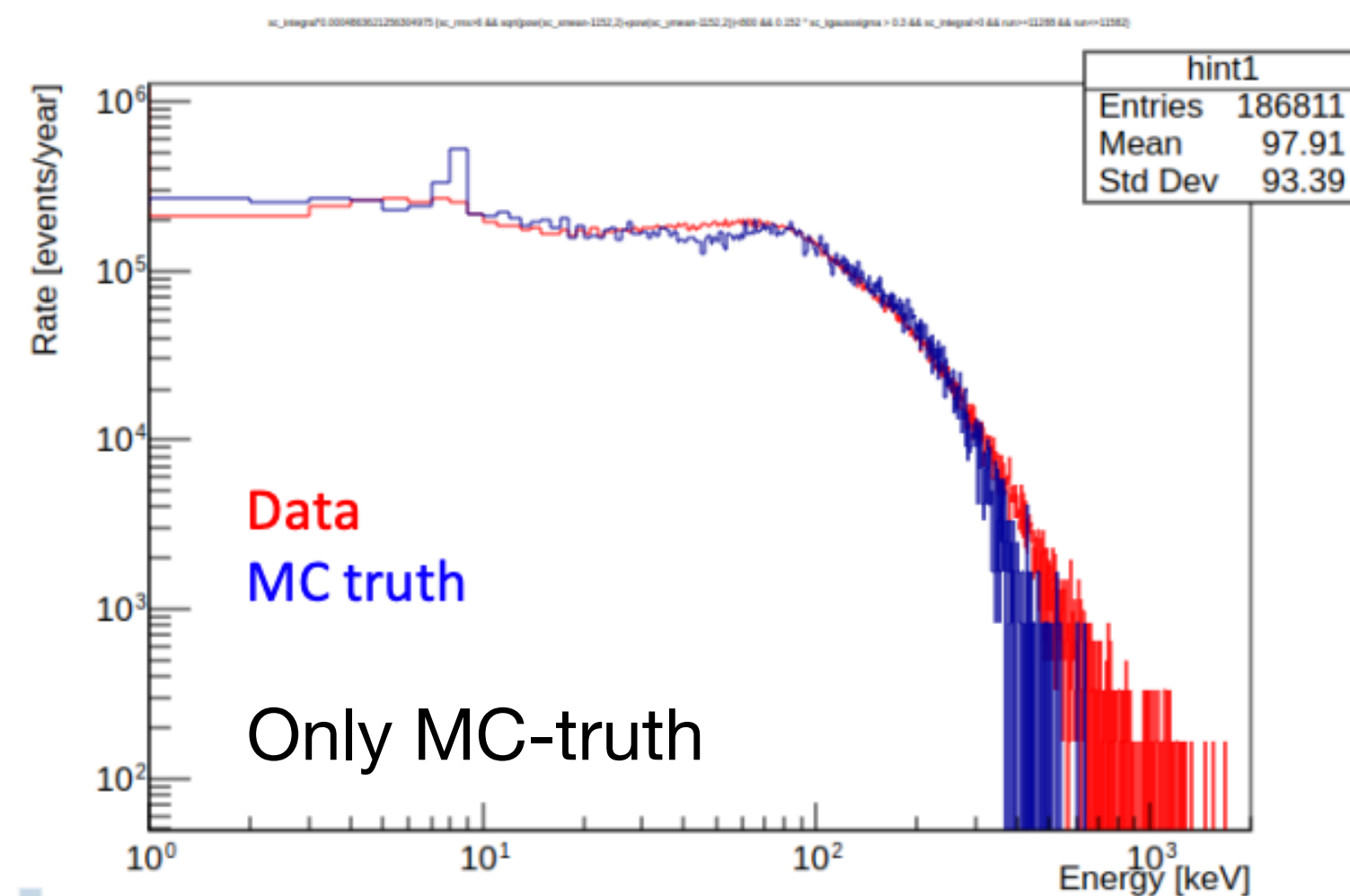
So, we should **restart remote** and in **person shifts** from **Monday** the **17th**. Please fill the usual file:

https://docs.google.com/spreadsheets/d/19SNxoH9F_K1jEaDCTID8WVaUIhdHYTB7vu7Tv3ypAco/edit?usp=sharing

Meeting with INFN-referees

10 days ago we meet the INFN referees for the usual July report (last meeting was in April):

- the recents developments were shown, mainly from the point of view of analysis and simulation;
- LIME gas system issue was presented in details;

Only MC-truth

After "digitisation" and reconstruction

For the simulation, they suggested us to use some high energy X ray source (100-200 keV) to try to explain the differences between data and simulation at high energies;

Should we plan a test with some other source?

An important part they underlined is that we should prepare a database of all materials and procedures we are going to use to build CYGNO-04 in order to make it a real "demonstrator" of a larger experiment;

Anna, started to work on this. Now she has graduated and we should go on with the material tests;

There were also few requests for travels and consumables funds from Frascati that were approved.