

PT status

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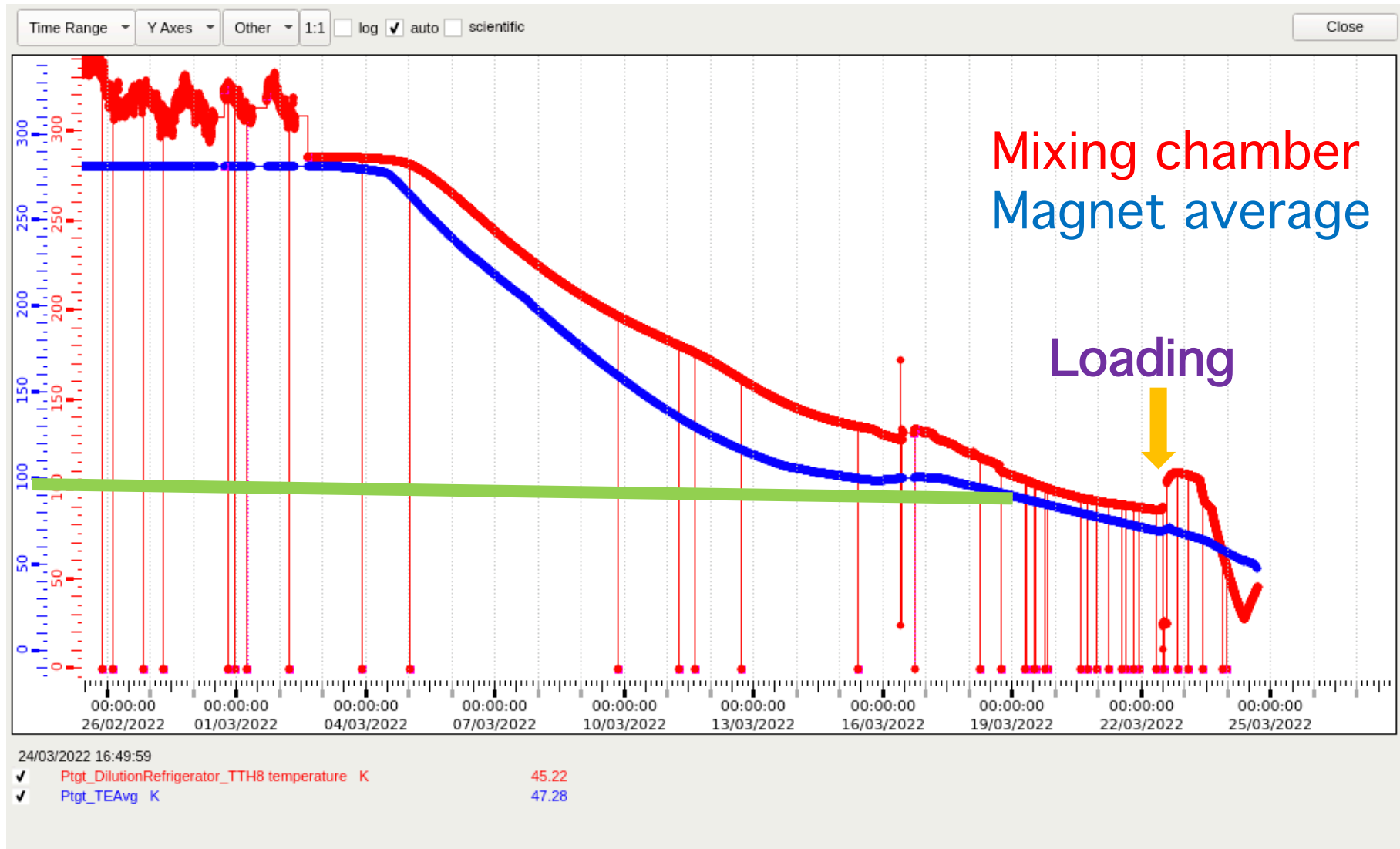
- Target activities and planning
- Target shift
- Manpower

Activities and planning

- 01/03 : Precooling
- 22/03 : Target material loading
- 27-29/03 : Dilution refrigerator commissioning
- 04-05/04 : Microwave Gunn diodes installation
- 04/04 : Magnet LHe level PID control
- 12-13/04 : Magnet commissioning
- 14-25/04 : TE calibration ← We are here.
- 28/04 - : DNP

Precooling

100K



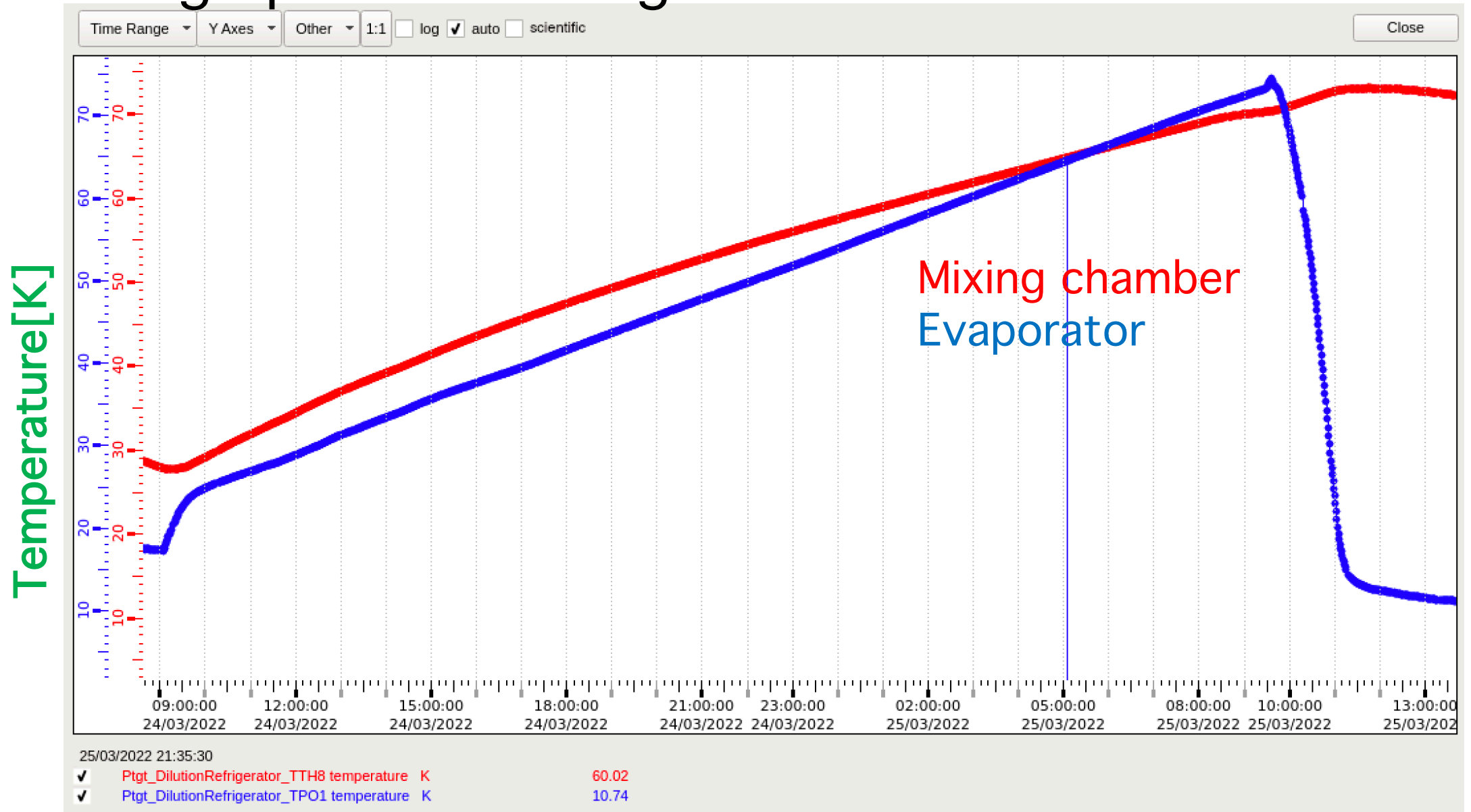
- Loading (22/03)

- Jaakko, Gerhard, Michael, Christophe, Triloki, Tino (TE-CERG), Sebastien(TE-CRG), Stefano, Nori
- Smooth loading at 12h00 without any problems
- Indium joint : looks good : further check at 1 K
- Target holder vacuum : 10^{-9} mbarL/s BG at 30 K in MC
- Further test with super-leak temperature
- Evaporator temperature during the loading :
 - 40 K at loading
 - nitrogen may be frozen at heat exchanger around Evaporator

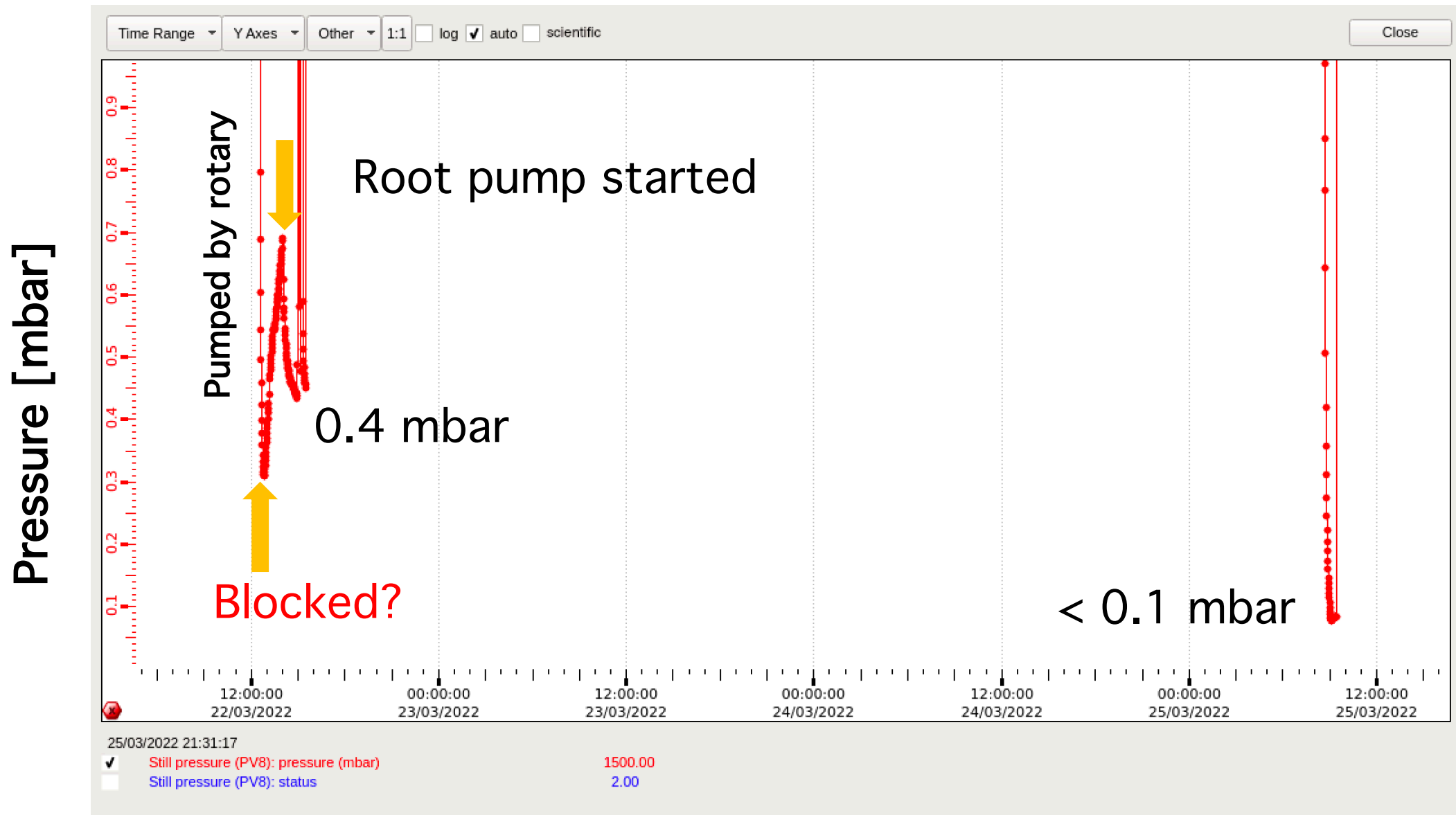
- Removal of nitrogen ice

- Cooled the material below 30 K
- Warmed up Evaporator
- Pumped and check the Still pressure

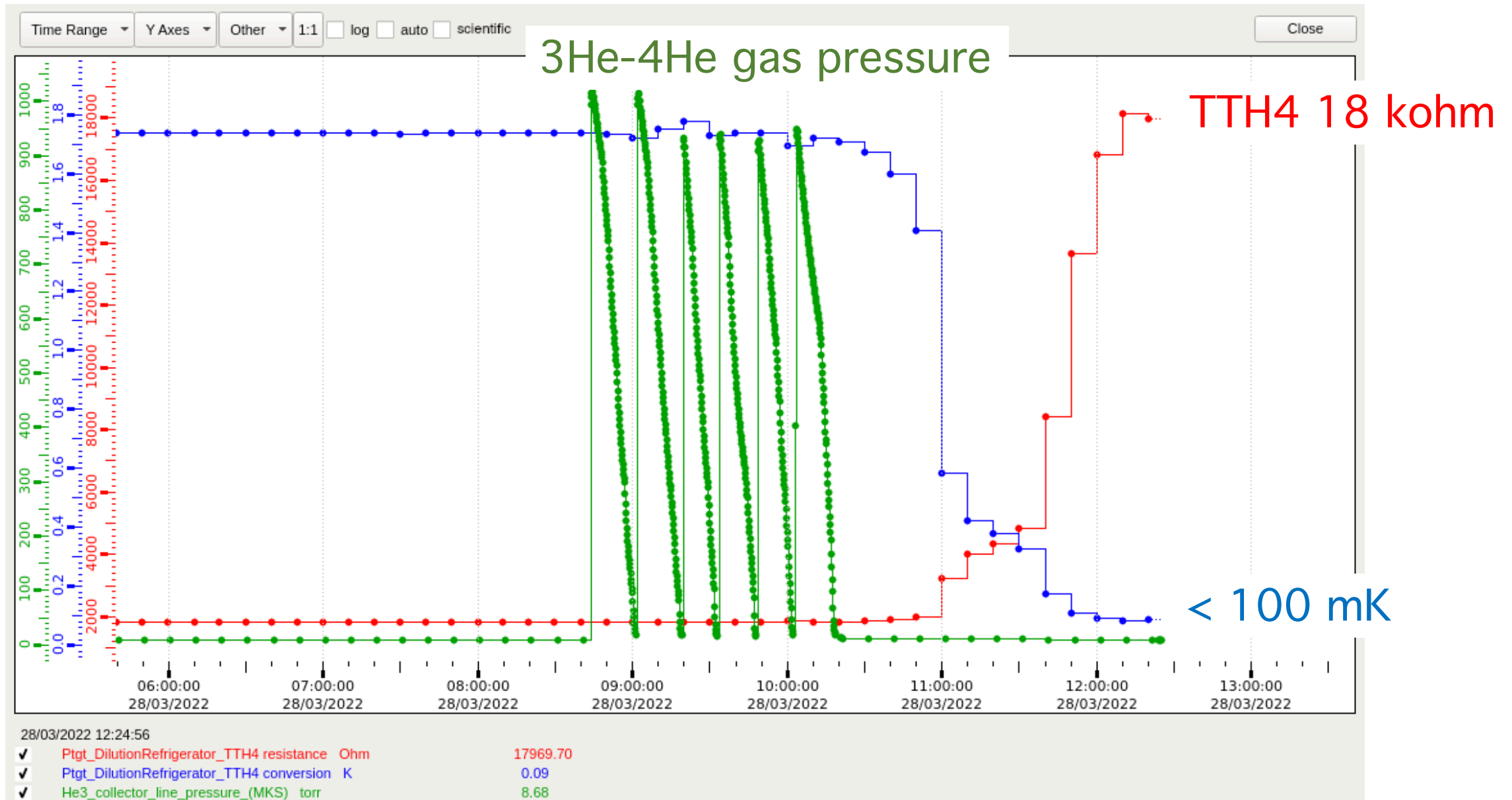
Warming up after loading



Still Pressure (btw MC and Evaporator)

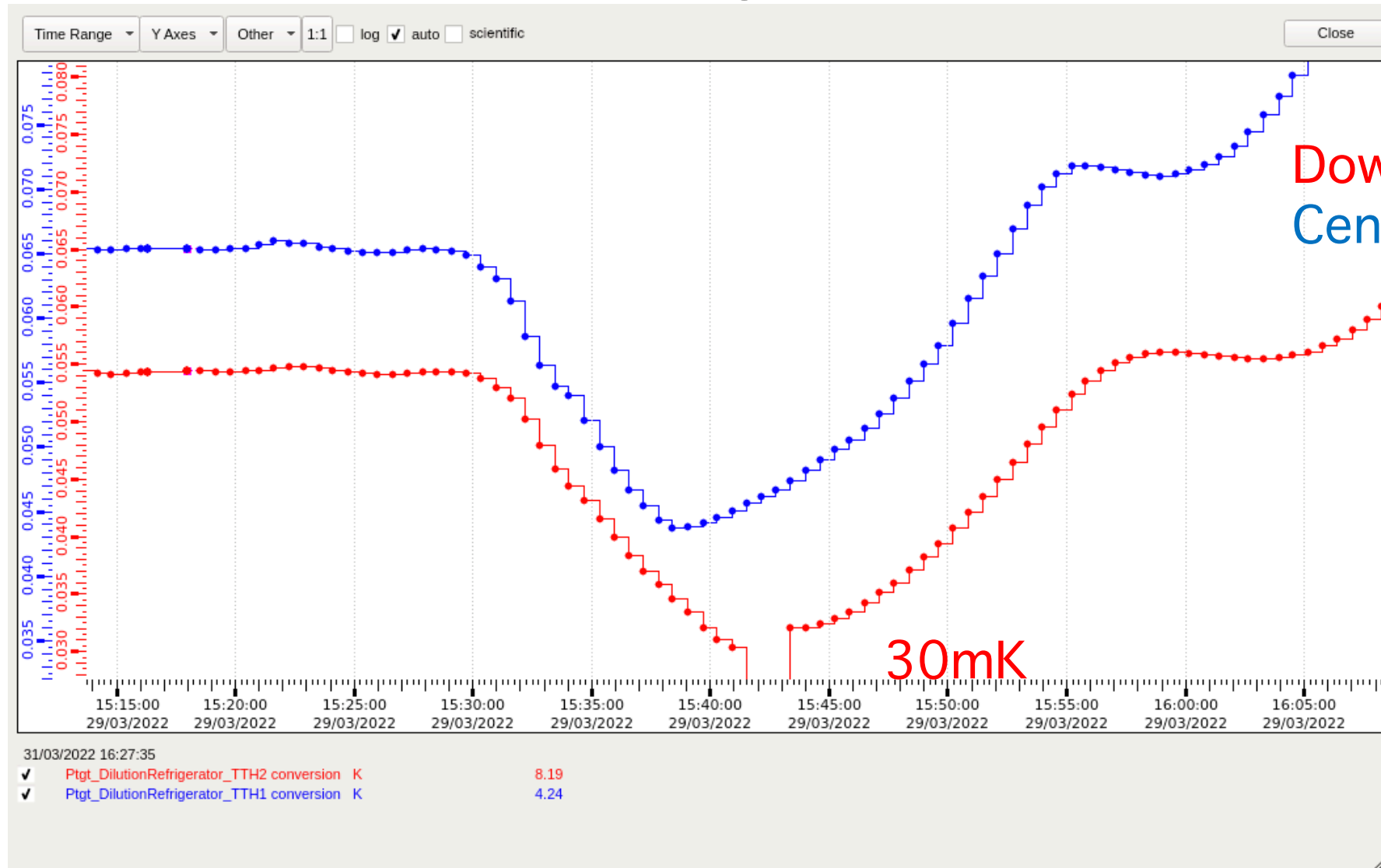


3He condensation

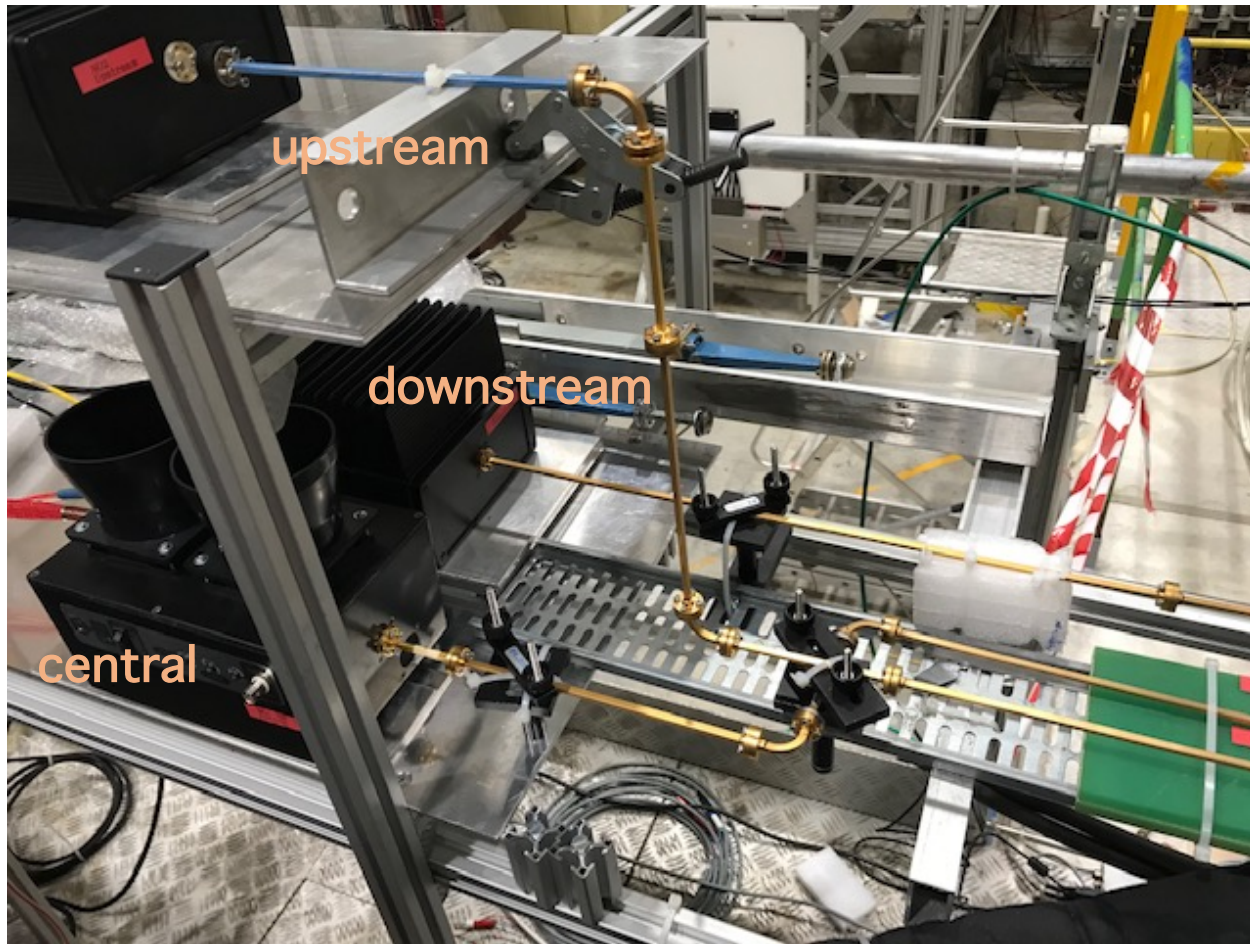


One shot mode – stop feeding 3He in MC

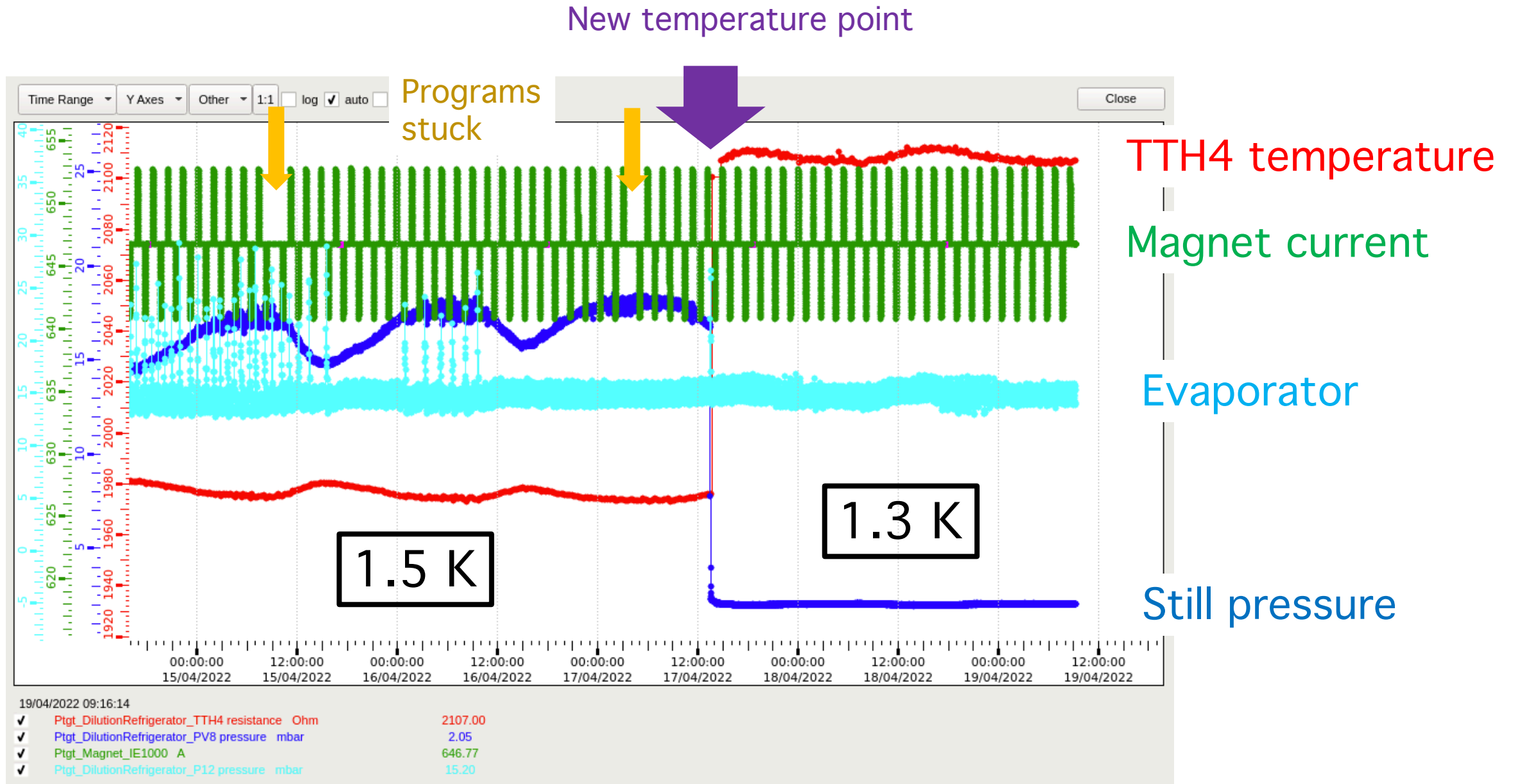
Temperature[K]



Microwaves

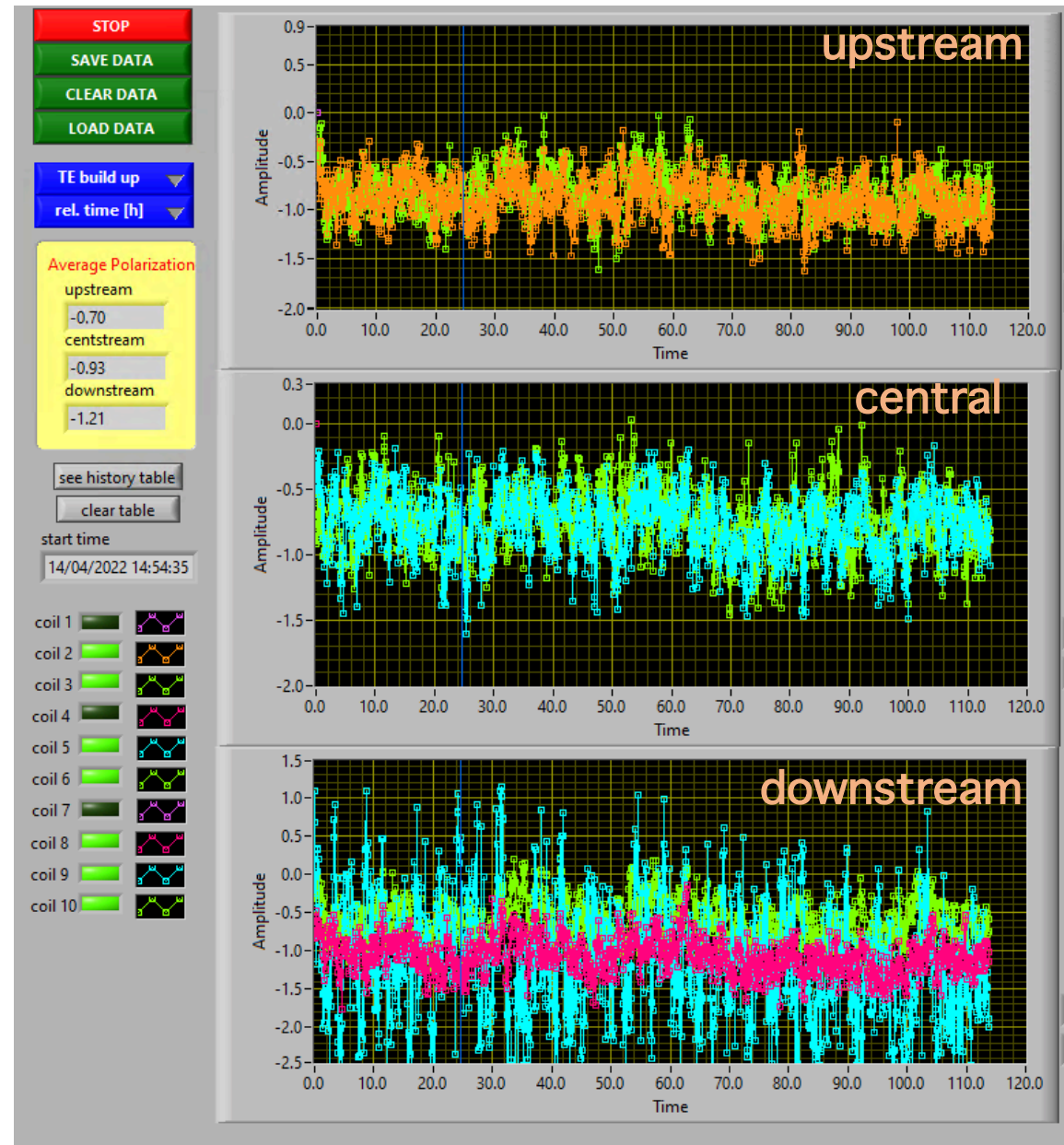


TE calibration



TE NMR measurements

Coil #7 at 1.3 K



Target Shift

Target shift organized especially during TE measurement.

- Evening : Genki, Jaakko (USA)
- Night : Takahiro, Japanese students
- Day + alpha : Michael, Christophe

	0:00-8:00	8:00 – 16:00	16:00 – 24:00
14/4 Thursday		Michael	Jaakko
15/4 Friday	Ohashi / Miura	Christophe	Genki
16/4 Saturday	Takanashi	Nori	Jaakko
17/4 Sunday	Ohashi	Michael	Genki
18/4 Monday	Takanashi	Christophe	Jaakko
19/4 Tuesday	Ohashi	Nori	

Mapower

	J	F	M	A	M	J	J	A	S	O	N	D
Michael	█	█	█	█	█	█	█	█	█	█	█	█
Christophe	█	█	█	█	█	█	█	█	█	█	█	█
Gerhard				█			█				█	
Jaakko				█							█	
Triloki			█	█								
Postdoc						█	█	█	█	█	█	█
Takahiro						█						
J. Student						█	3 students, 2 months each					
Nori	█	█	█	█	█	█	█	█	█	█	█	█
Dubna												
R.Student												

March 22 : loading