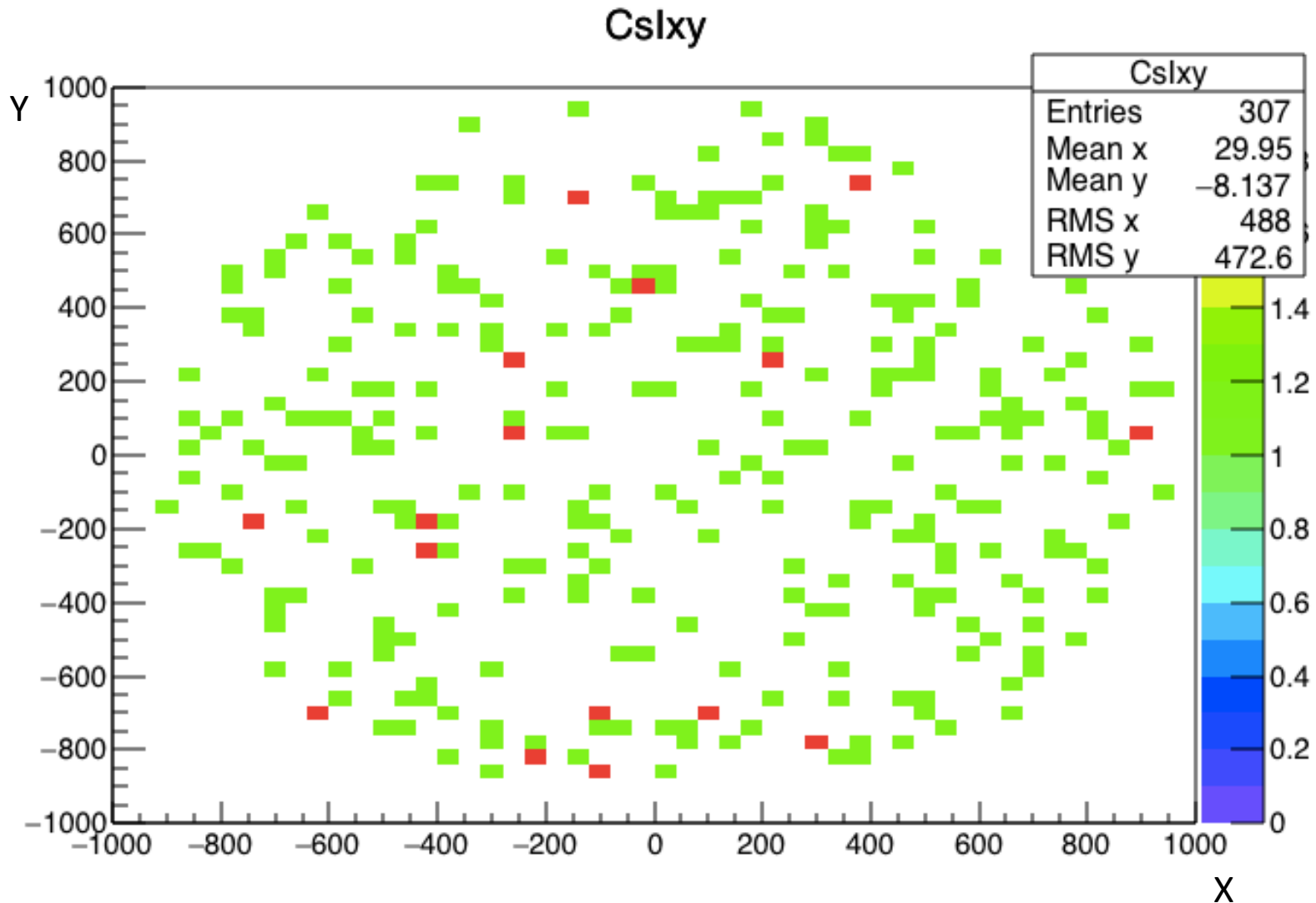


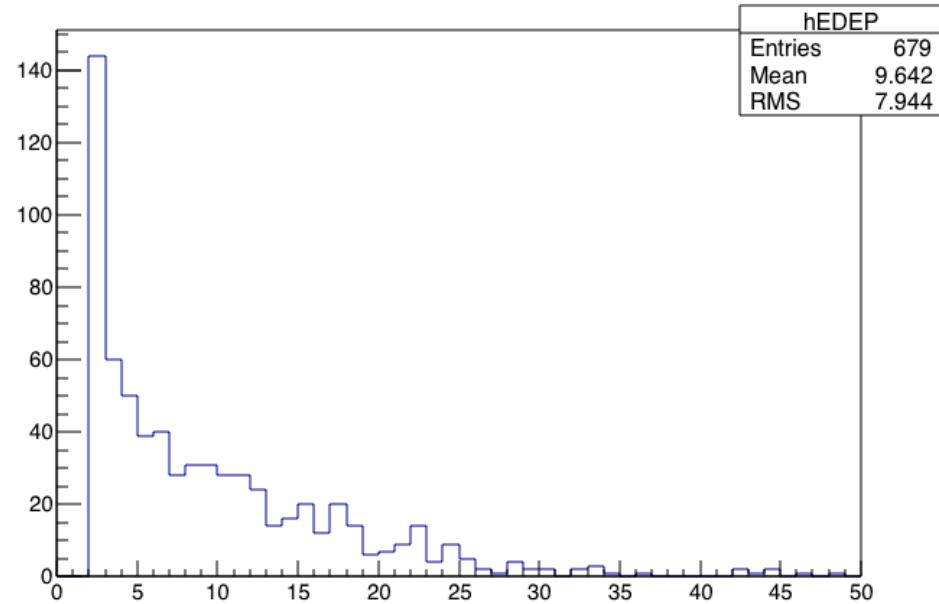
Report_170913

CsI XY position for not detected gamma

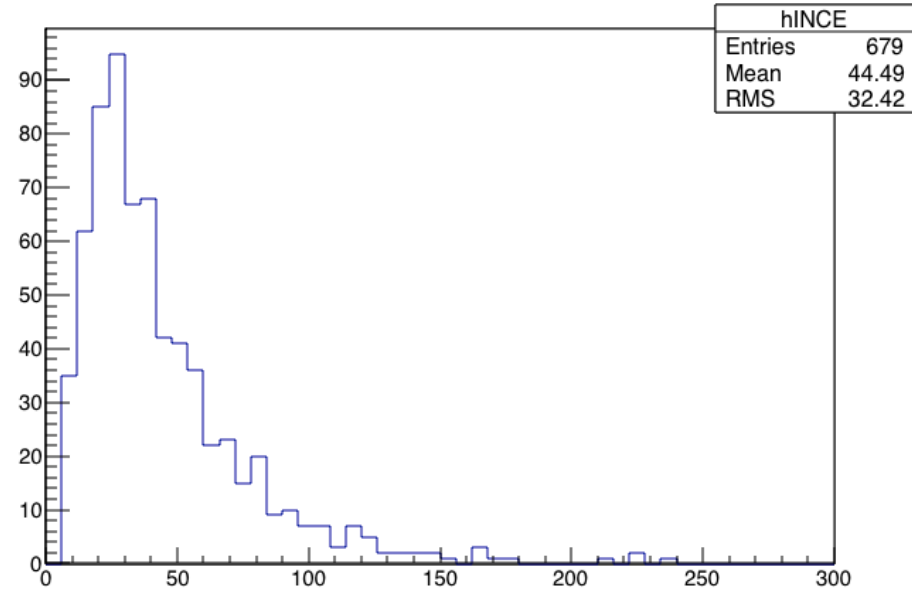


Energy Deposit of BG

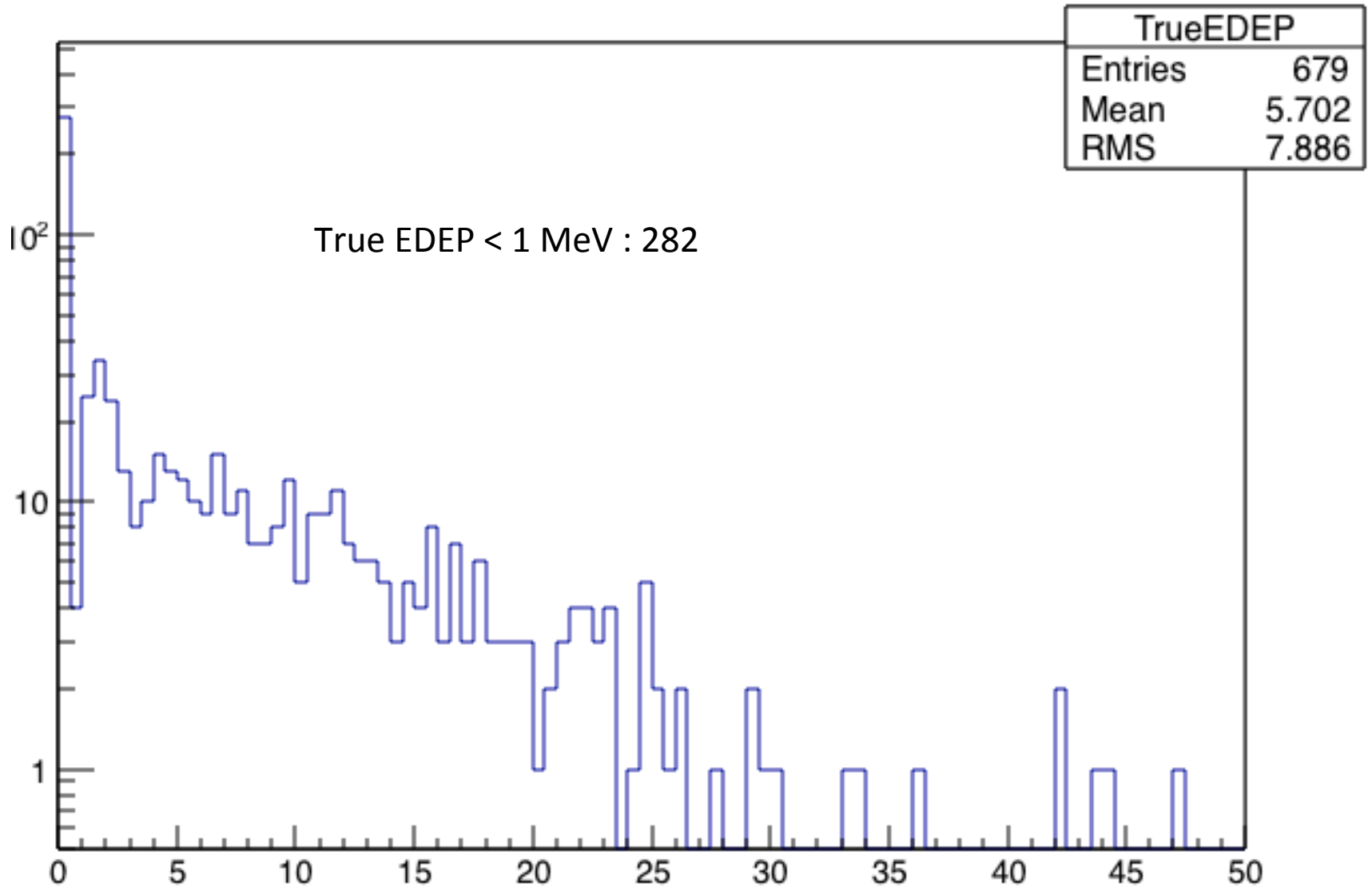
hEDEP



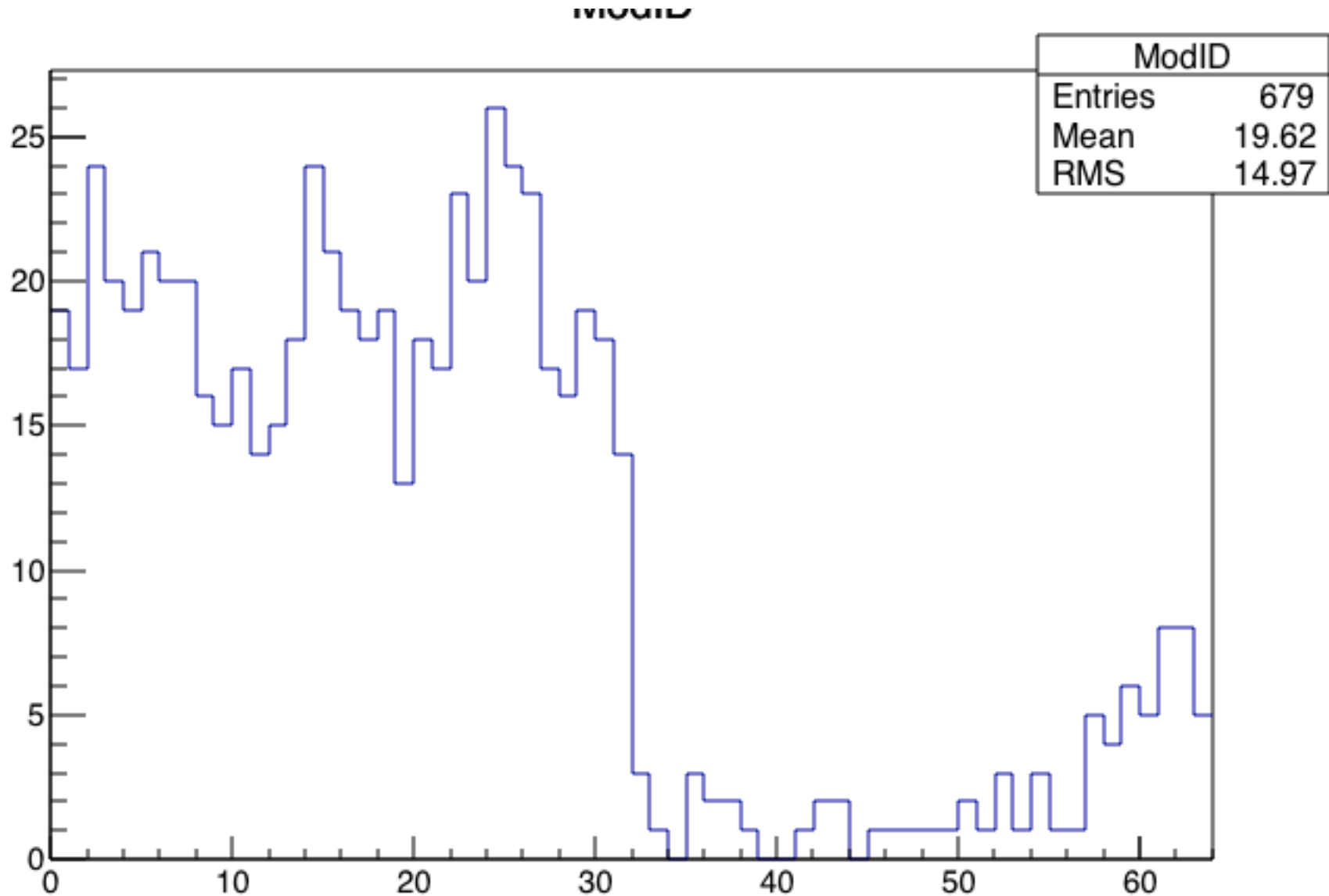
hINCE



True Energy Deposit



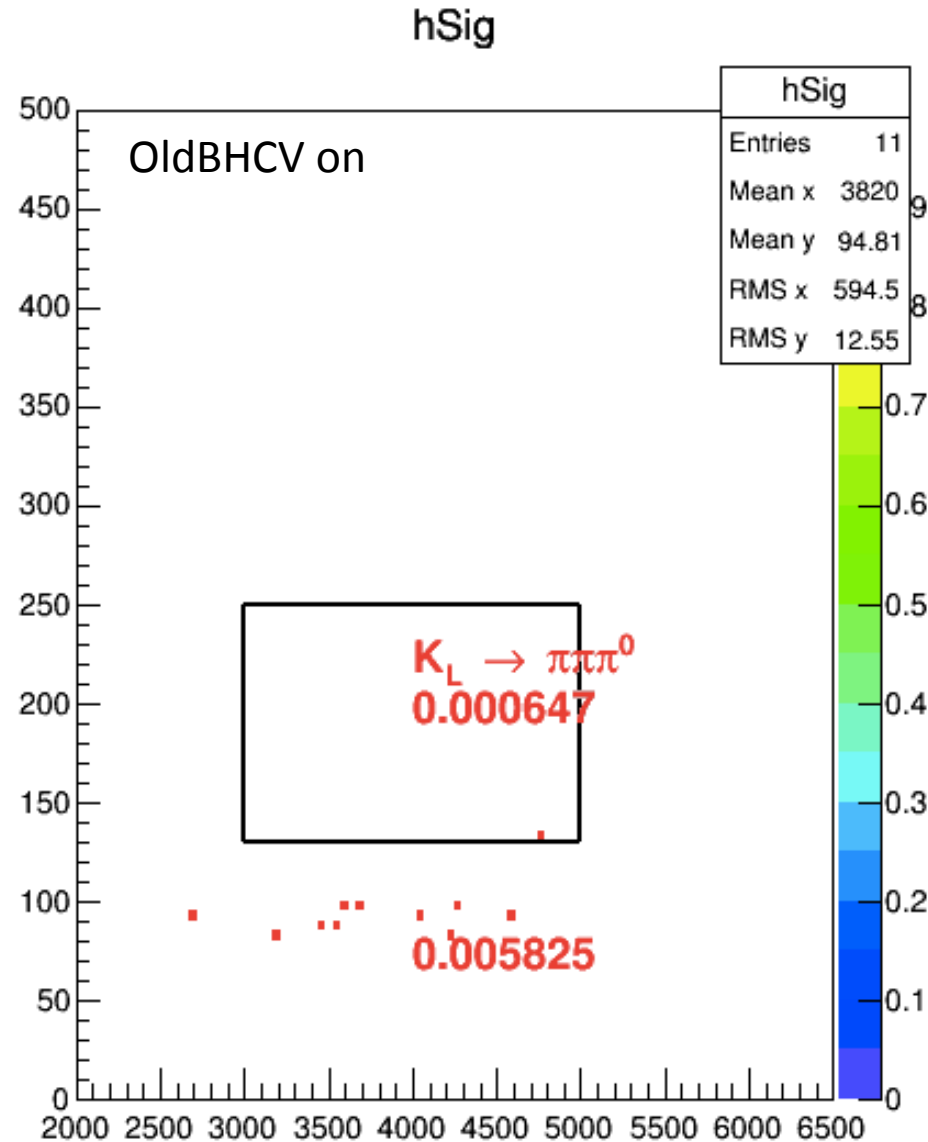
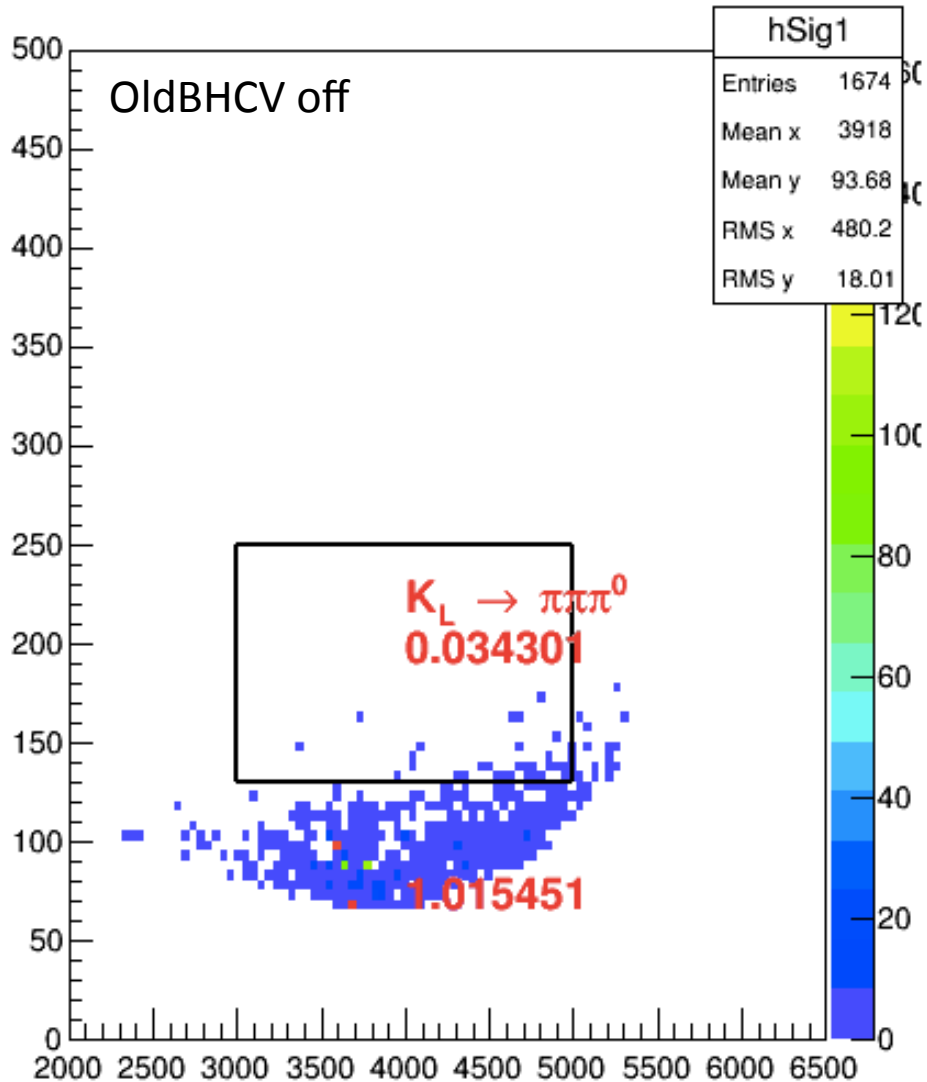
Module Distribution



$\pi^+\pi^-\pi^0$ MC (Recycle)

Statistics = $2e7 * 5e3 * 5e2 = 5e13$ (3.99e14)

Run62 Normalization (2.58e11)



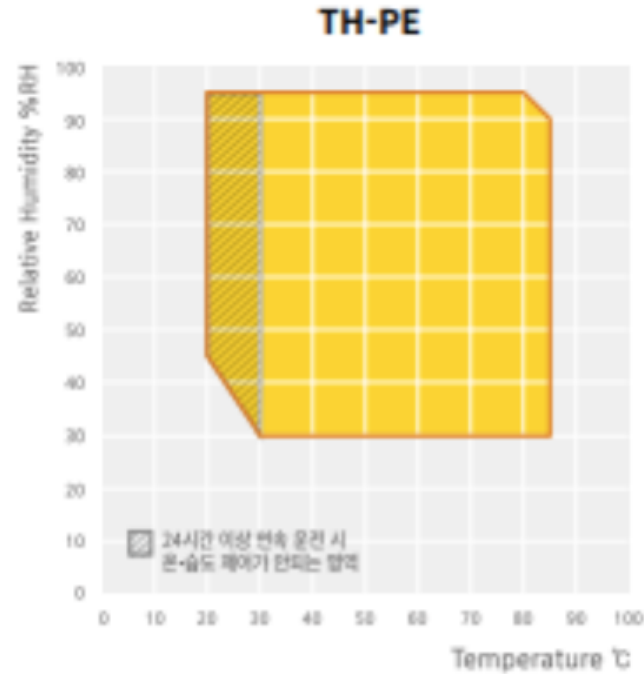
Backgrounds

- Total : 11
 - One event is inside box
 - One pion @ out of world & One pion @ g10 of cc03 : 3
 - Two pions @ out of world : 5
 - Two pions @ g10 of cc03 : 3

BG inside box

			Pid	X	Y	Z	Mother Track	
*	1 *	0 *	211 *	-1445.339 *	1616.6893 *	30000 *	-1 *	2 *
*	1 *	1 *	-211 *	-72.74054 *	-67.19434 *	6822.0901 *	-1 *	1 *
*	1 *	2 *	111 *	-72.74038 *	-67.19452 *	6822.0903 *	1 *	75 *
*	1 *	3 *	22 *	463.15196 *	-828.5715 *	7511.9288 *	75 *	124 *
*	1 *	4 *	22 *	2500 *	-2051.761 *	8129.5591 *	75 *	123

Thermo-hygrostat(TH300)



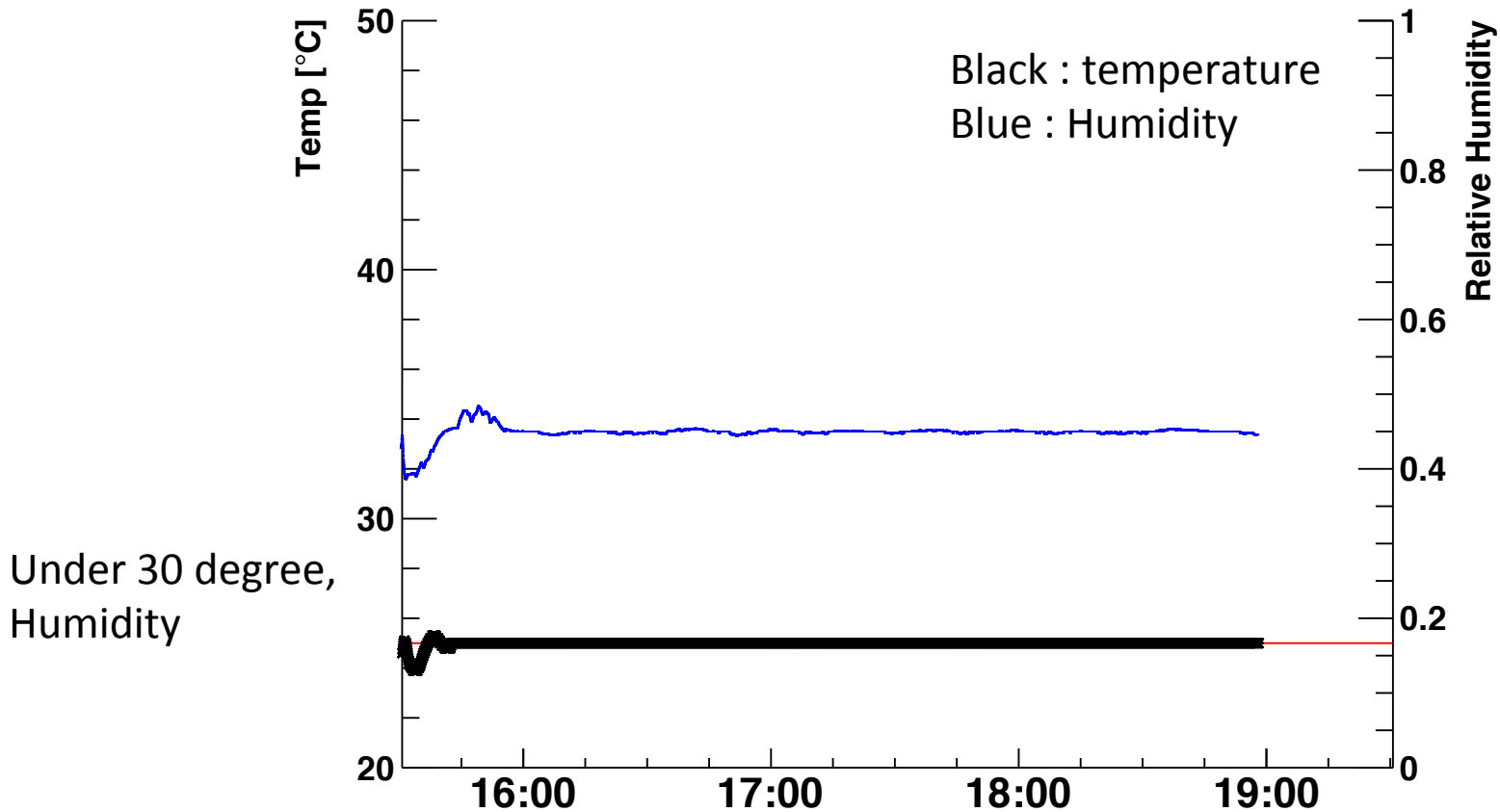
300*200*300mm³

Some tests

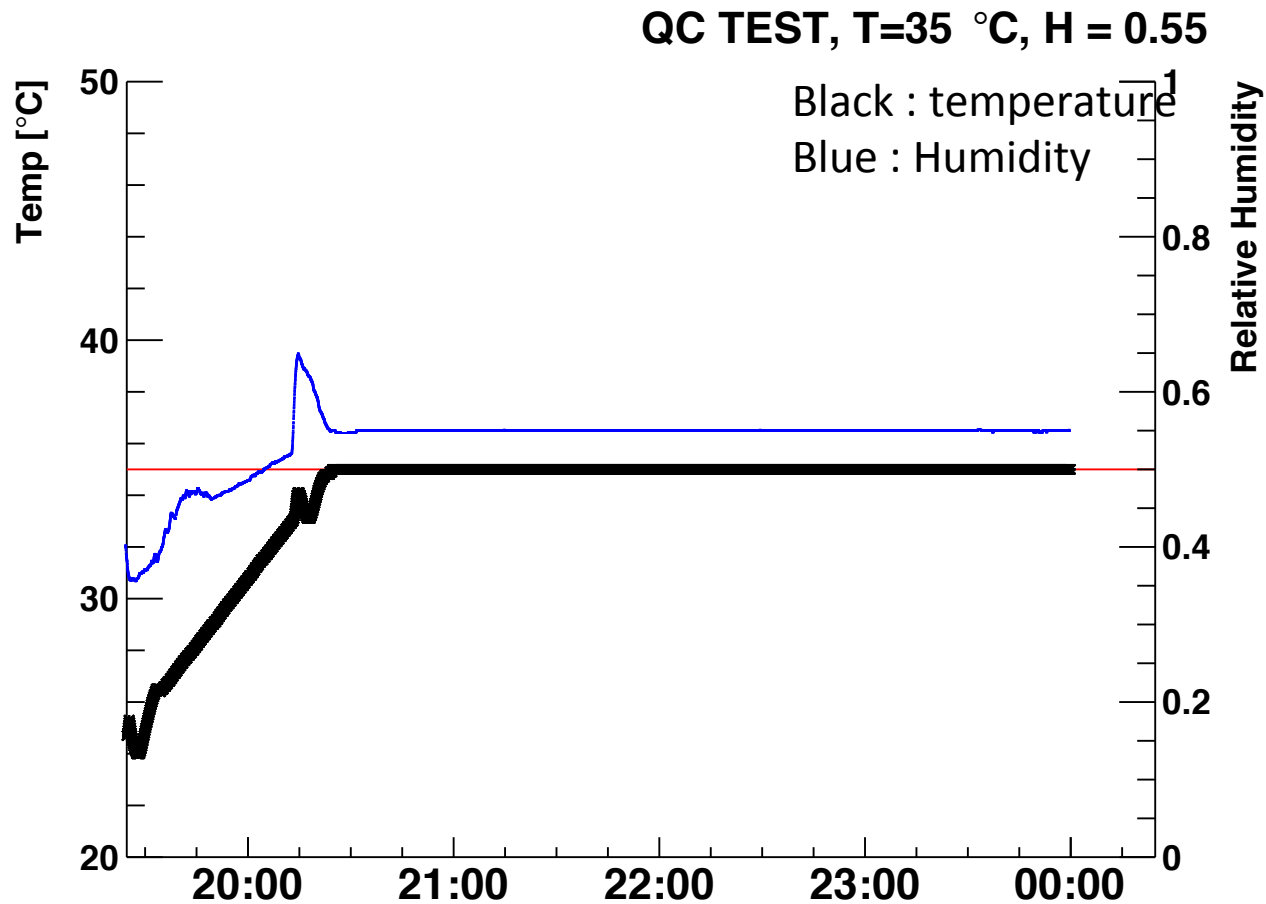
- 1) Self Quality Control Check
 - Check status of machine
- 2) Quality Control check with other detector
 - Check status of machine
- 3) Slope Study
 - Check time for making machine stable

Self Quality Control Check

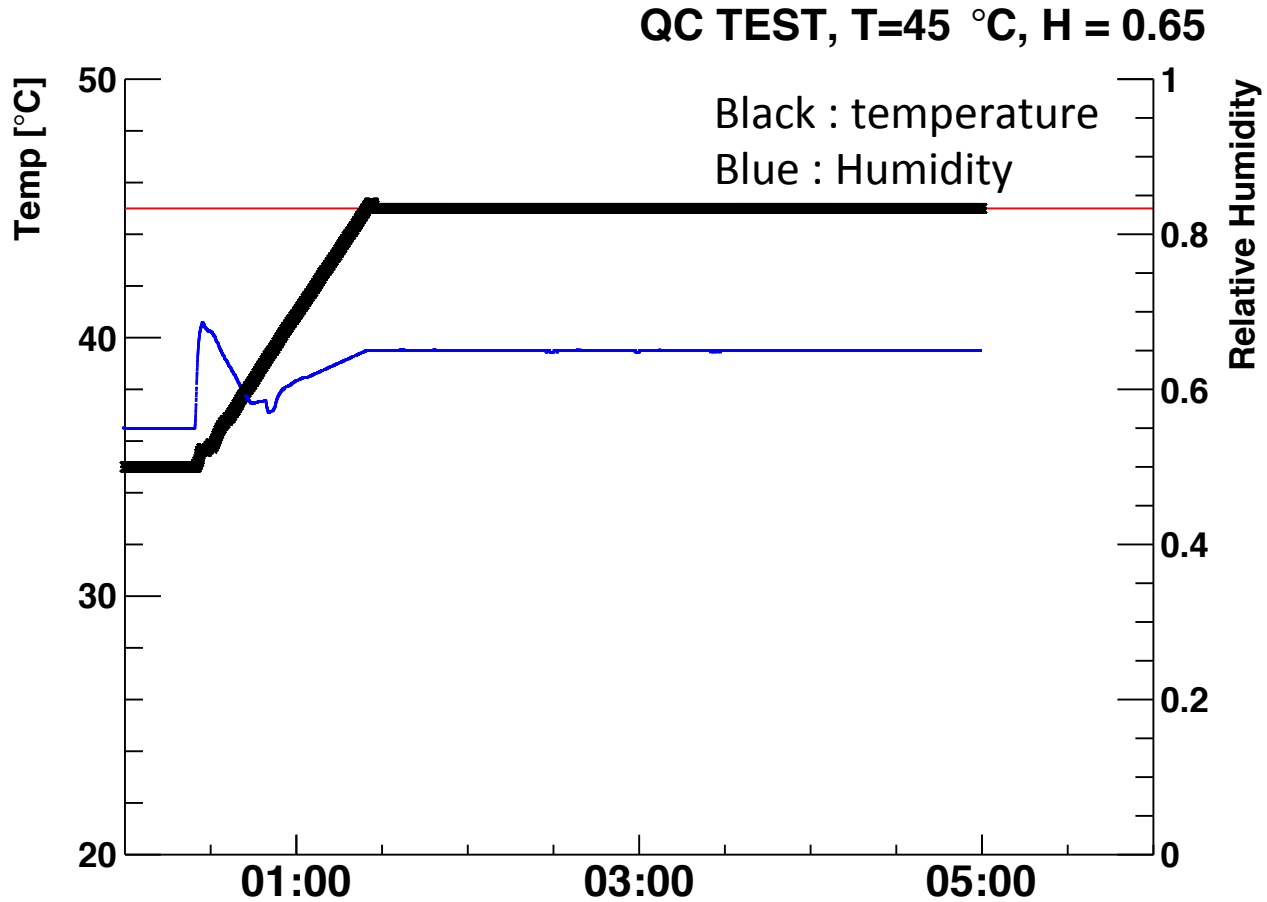
QC TEST, T=25 °C, H = 0.45



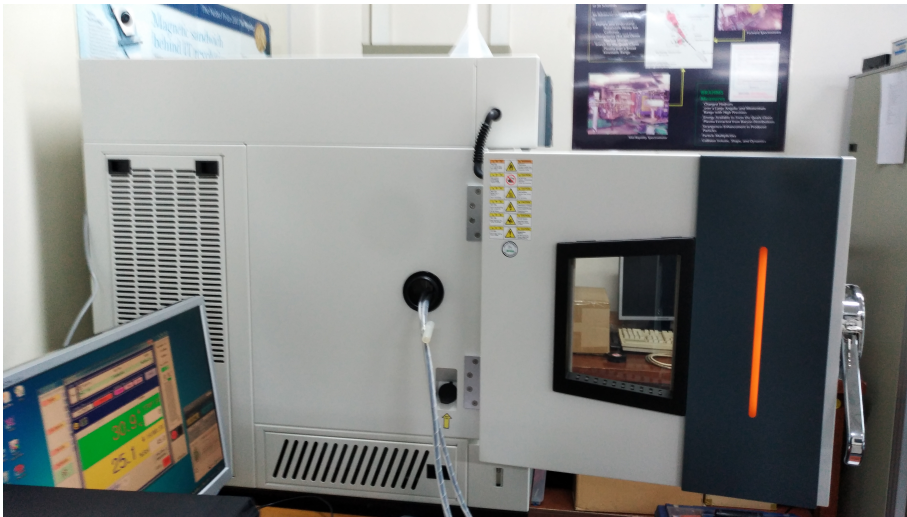
Self Quality Control Check



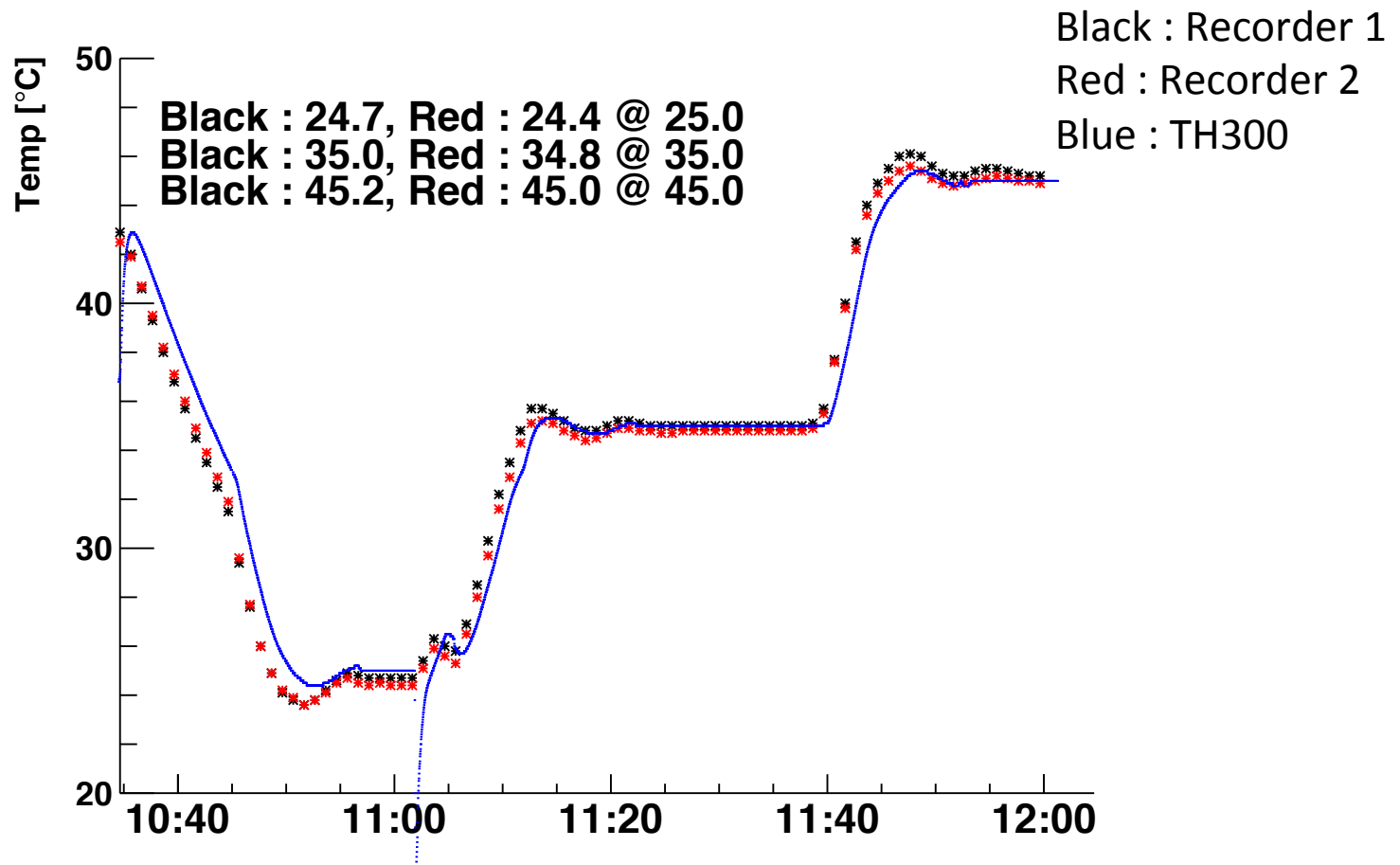
Self Quality Control Check



Recorder



Quality Control Check with Other Detector

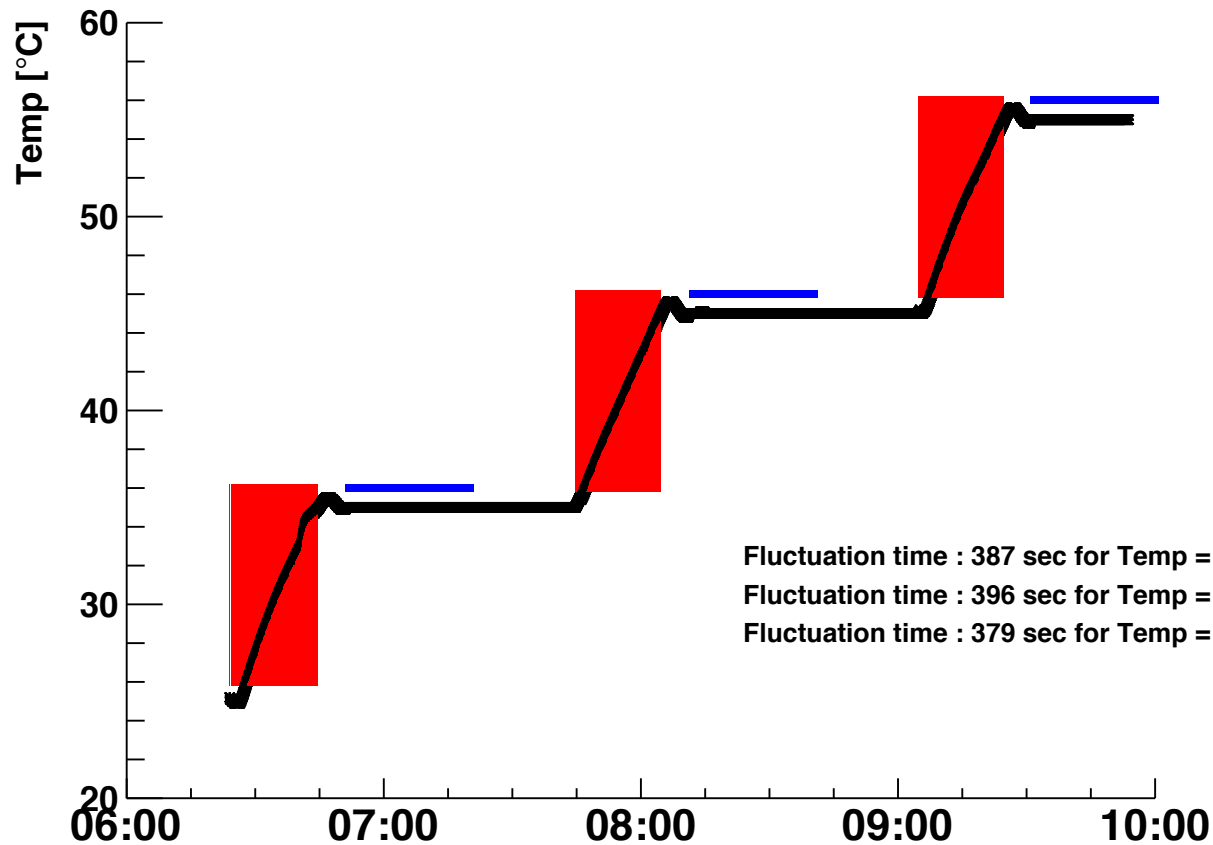


Slope Study

10 degree change per 20min (Red box)

Blue Region : stable region

Humidity : 50%



~26 min for changing temperature