

SUPPLEMENTARY MATERIAL

Temperature variation in the range]60,79] K

The data reported in Tab. 1 and indicated with 70 K refers to a measurement performed while the temperature was decreasing from 79 to 60 K. Figure S1 shows the number of triggers as a function of the temperature in this interval. The same data is reported in tabular form in Tab. S1. The systems records the temperature once every 501 events, that is approximately every ≈ 15 s. All the 501 events are assigned to the same temperature.

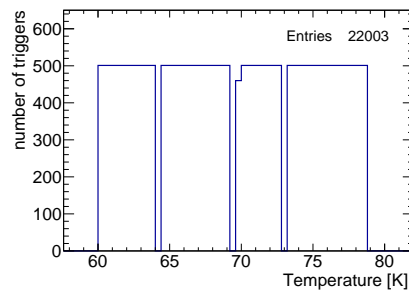


Figure S1: Distribution of the triggers in the temperature range]60.,79.]. Bins are 0.4 K wide.

Bin Low Edge (K)	Bin Upper Edge (K)	Number of triggers
60.0	60.4	501
60.4	60.8	501
60.8	61.2	501
61.2	61.6	501
61.6	62.0	501
62.0	62.4	501
62.4	62.8	501
62.8	63.2	501
63.2	63.6	501
63.6	64.0	501
64.4	64.8	501
64.8	65.2	501
65.2	65.6	501
65.6	66.0	501
66.0	66.4	501
66.4	66.8	501
66.8	67.2	501
67.2	67.6	501
67.6	68.0	501
68.0	68.4	501
68.4	68.8	501
68.8	69.2	501
69.6	70.0	460
70.0	70.4	501
70.4	70.8	501
70.8	71.2	501
71.2	71.6	501
71.6	72.0	501
72.0	72.4	501
72.4	72.8	501
73.2	73.6	501
73.6	74	501
74	74.4	501
74.4	74.8	501
74.8	75.2	501
75.2	75.6	501
75.6	76.0	501
76.0	76.4	501
76.4	76.8	501
76.8	77.2	501
77.2	77.6	501
77.6	78.0	501
78.0	78.4	501
78.4	78.8	501

Table S1: Number of triggers in the temperature range]60.,79.] K. First and second column are the lower and upper limit of the temperature bin, respectively. The third column reports the corresponding number of triggers. Empty bins are not reported.