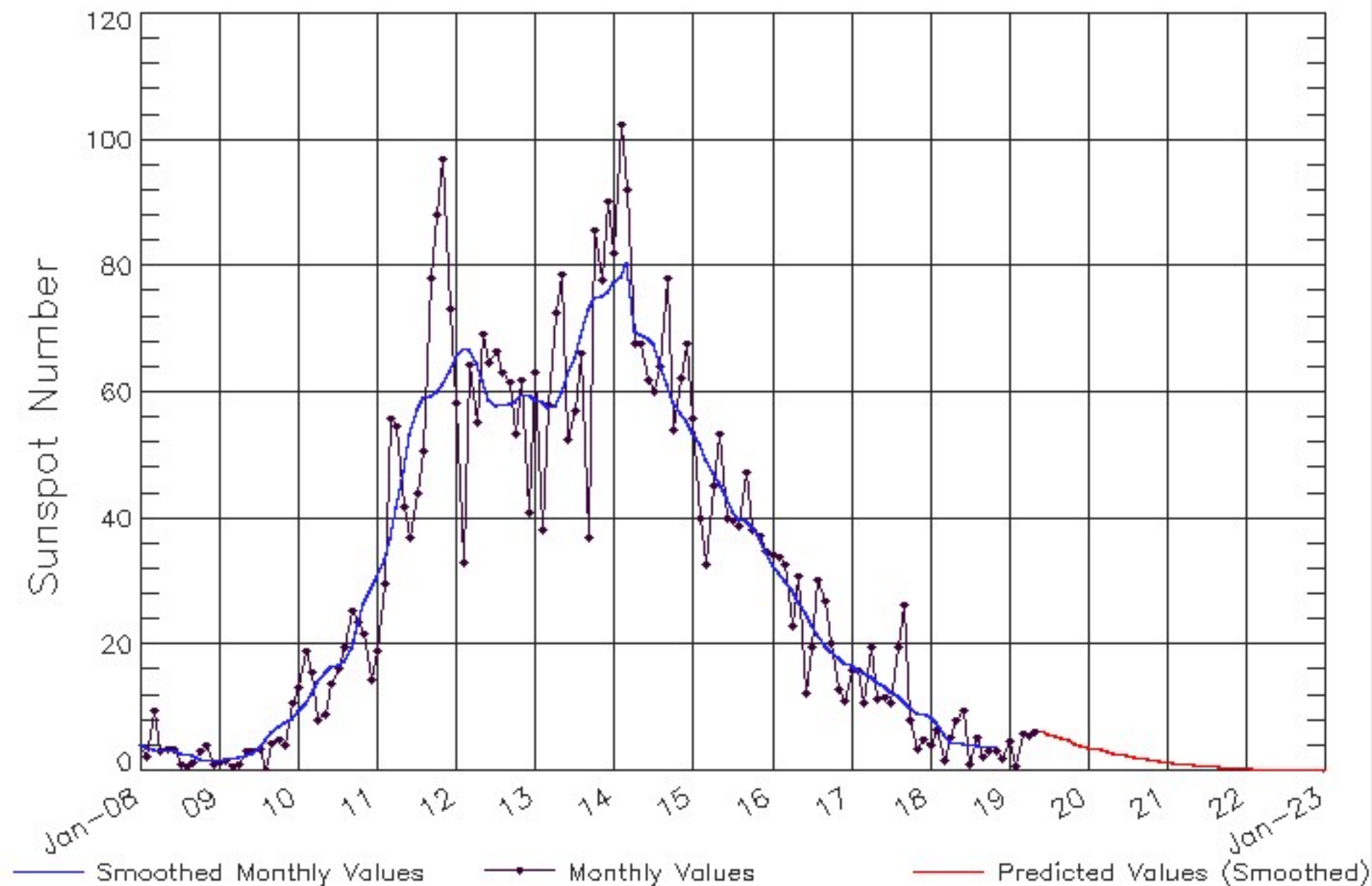


ISES Solar Cycle Sunspot Number Progression

Observed data through May 2019



SPI CAMERA STATUS

ANNEALING 32th

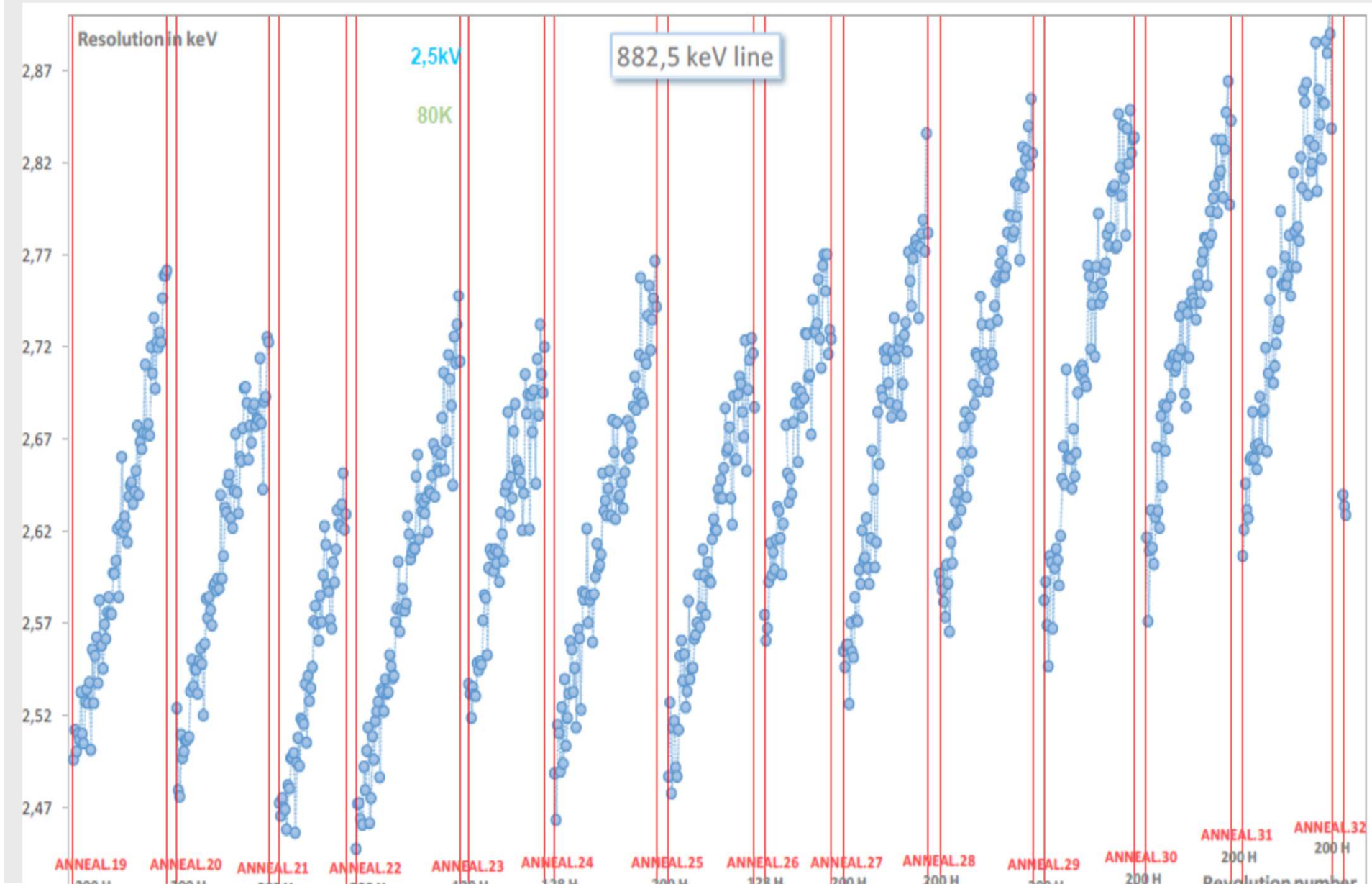
- Annealing 32th Jan 20 – Feb 6
- Duration 200hrs

Behaviour of GeD 8 and GeD 14 during switch-on requires attention.

Detector	1.5kV 103K	2kV 100K	2.5kV 100K	2.5kV 85K	2.5kV 82K
0	2.47	2.33	2.40	2.32	2.35
1					
2					
3	2.56	2.26	2.27	2.27	2.23
4	2.68	2.55	2.48	2.50	2.49
5					
6	2.37	2.16	2.21	2.16	2.16
7	2.73	2.27	2.26	2.14	2.15
8	3.03	2.74	2.66	2.57	2.53
9	2.22	2.04	2.14	2.07	2.09
10	2.76	2.35	2.43	2.39	2.32
11	2.49	2.39	2.40	2.30	2.27
12	2.56	2.36	2.56	2.33	2.30
13	2.31	2.31	2.20	2.18	2.15
14	3.53	3.03	3.17	2.42	2.38
15	2.36	2.37	2.27	2.13	2.12
16	2.66	2.41	2.34	2.24	2.23
17					
18	2.38	2.19	2.25	2.15	2.16

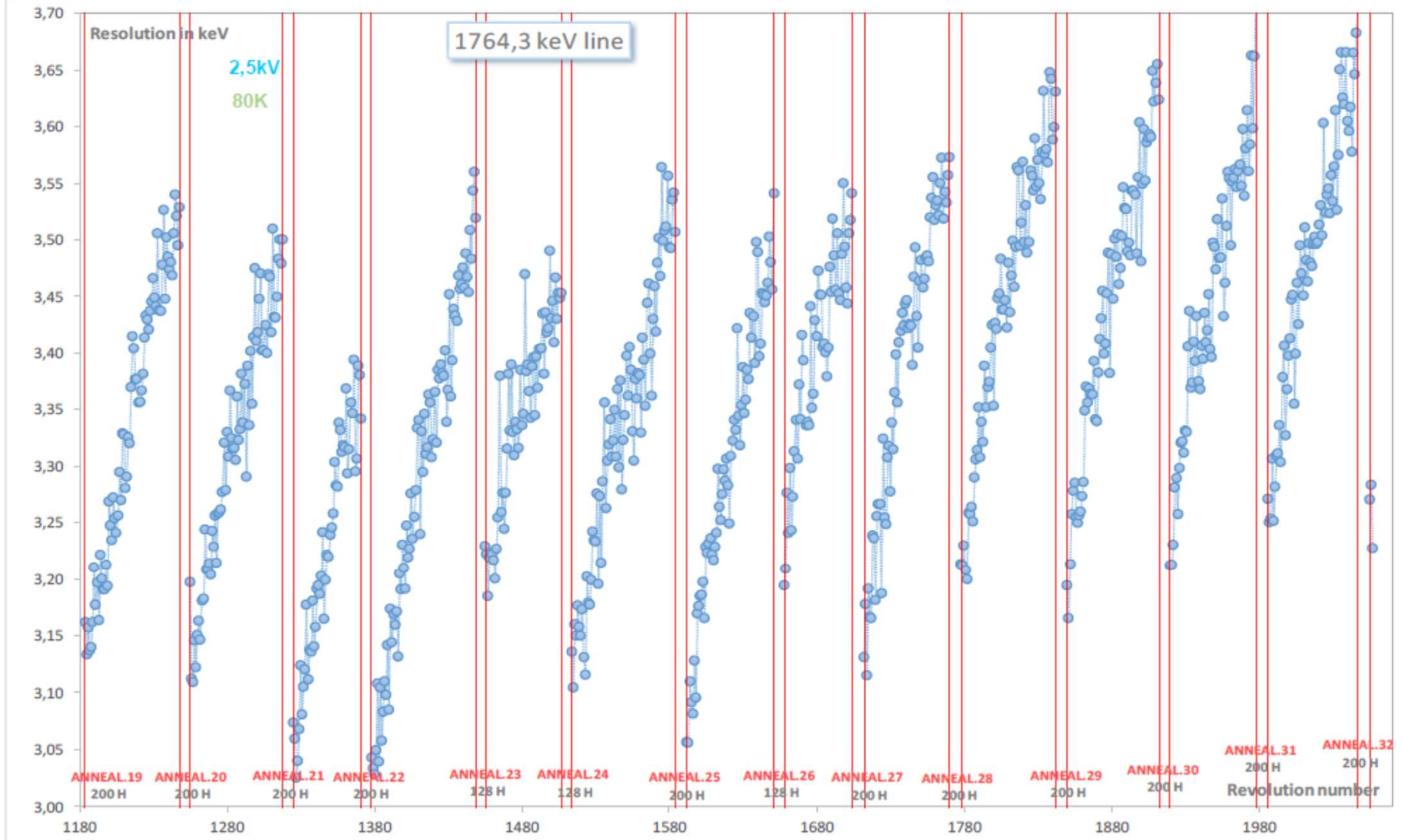
ENERGY RESOLUTION HISTORY: 882.5 keV

- Regular annealing (GeD at 105C) restore GeD energy resolution.



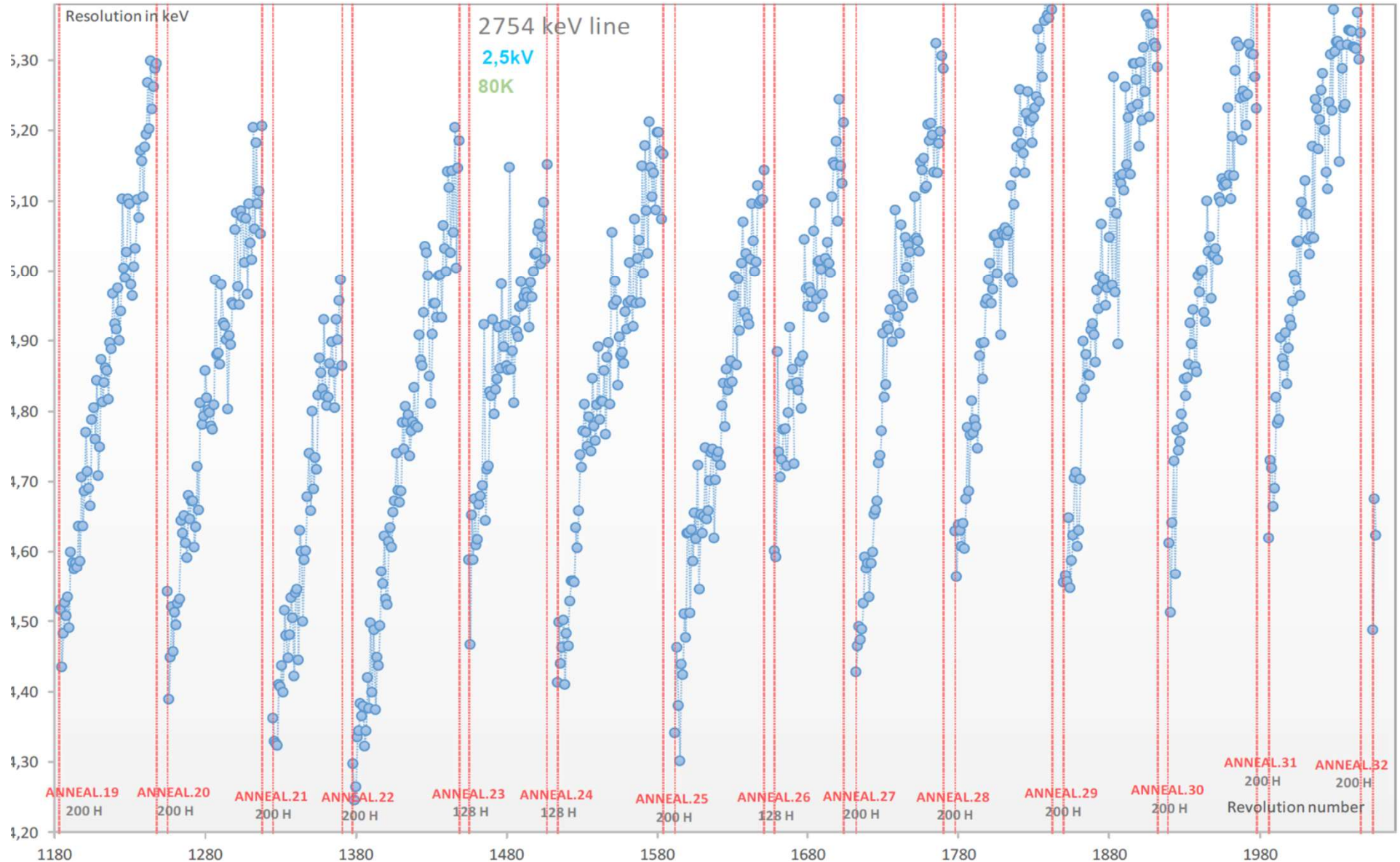
ENERGY RESOLUTION HISTORY: 1764.3 keV

- Regular annealing (GeD at 105C) restore GeD energy resolution.



ENERGY RESOLUTION HISTORY: 2754 keV

- Regular annealing (GeD at 105C) restore GeD energy resolution.



SPI DPE status

-
- November 2018, DPE crashes...
- Problem in two memory locations.
- Problem is solved by disabling the building and transmission of on-board spectra.
- February 2019: new IASW version 4.3.6
- All IASW features are restored.