

1. SCIAMACHY Daily Report for level 1 products

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1.1 General Info

This report contains a daily analysis on parameters extracted from SCIAMACHY level 1 data (The SCI_NL__1P product).

1.1.1 Report summary

The table below shows general chacteristics of the data that are included into this report.

Item	Value
Report version	1.3 (29-05-2006)
Time of report generation	30APR2008 11:57:35
Data source version	SCIA/6.03-N
Processing scope for products	24APR2008 00:00:00 to 25APR2008 00:00:00
Start time of first product within scope	23APR2008 22:22:11
Stop time of last product within scope	25APR2008 01:14:25
Total number of level 1 products	17
Number of level 1 products with errors	0

1.1.2 Summary per product

The following table shows a summary for each product used in this report.

#	Product name	Start time	Stop time	Prod err	#nadir	#limb	#occ	#mon	#nopro	#comp_dark	#incomp_dark
0	SCI_NL__1PNPDE20080423_222211_000062542068_00029_32147_4881.N1	23APR2008 22:22:11	24APR2008 00:06:26	0	35	47	1	0	2	18	0
1	SCI_NL__1PNPDE20080424_000458_000060052068_00030_32148_5036.N1	24APR2008 00:04:58	24APR2008 01:45:04	0	34	45	1	0	3	13	1
2	SCI_NL__1PNPDE20080424_014322_000045202068_00031_32149_5124.N1	24APR2008 01:43:22	24APR2008 02:58:42	0	22	43	1	0	1	10	0
3	SCI_NL__1PNPDE20080424_025729_000061502068_00032_32150_5356.N1	24APR2008 02:57:29	24APR2008 04:40:00	0	34	46	1	0	3	15	0
4	SCI_NL__1PNPDE20080424_043900_000060912068_00033_32151_5468.N1	24APR2008 04:39:00	24APR2008 06:20:32	0	34	45	1	0	3	15	0
5	SCI_NL__1PNPDK20080424_061948_000041512068_00034_32152_5204.N1	24APR2008 06:19:48	24APR2008 07:29:00	0	19	29	1	0	3	13	2
6	SCI_NL__1PNPDK20080424_072809_000061182068_00035_32153_5411.N1	24APR2008 07:28:09	24APR2008 09:10:07	0	35	45	1	0	3	15	0
7	SCI_NL__1PNPDK20080424_090845_000060862068_00036_32154_5543.N1	24APR2008 09:08:45	24APR2008 10:50:11	0	34	45	1	0	3	13	2
8	SCI_NL__1PNPDK20080424_104920_000059842068_00037_32155_5673.N1	24APR2008 10:49:20	24APR2008 12:29:04	0	34	44	1	0	3	15	0
9	SCI_NL__1PNPDK20080424_122751_000059792068_00038_32156_5818.N1	24APR2008 12:27:51	24APR2008 14:07:31	0	33	45	1	0	3	13	2
10	SCI_NL__1PNPDK20080424_140622_000059262068_00039_32157_5948.N1	24APR2008 14:06:22	24APR2008 15:45:09	0	33	44	1	0	3	15	0
11	SCI_NL__1PNPDK20080424_154358_000059512068_00040_32158_6076.N1	24APR2008 15:43:58	24APR2008 17:23:09	0	33	44	2	1	3	13	2
12	SCI_NL__1PNPDK20080424_172138_000059062068_00041_32159_6141.N1	24APR2008 17:21:38	24APR2008 19:00:04	0	33	43	0	2	4	15	0
13	SCI_NL__1PNPDK20080424_185817_000062832068_00042_32160_6268.N1	24APR2008 18:58:17	24APR2008 20:43:01	0	36	48	1	0	2	15	0
14	SCI_NL__1PNPDE20080424_204123_000042242068_00043_32161_5951.N1	24APR2008 20:41:23	24APR2008 21:51:47	0	33	24	0	0	3	4	1
15	SCI_NL__1PNPDE20080424_215028_000062912068_00043_32161_6097.N1	24APR2008 21:50:28	24APR2008 23:35:20	0	35	47	1	0	3	19	0
16	SCI_NL__1PNPDE20080424_233359_000060262068_00044_32162_6171.N1	24APR2008 23:33:59	25APR2008 01:14:25	0	34	47	1	0	2	12	1

1.2 Product Quality Indicators

This section shows information about product quality, in particular the quality of retrieved species.

The following data items are currently included into this section:

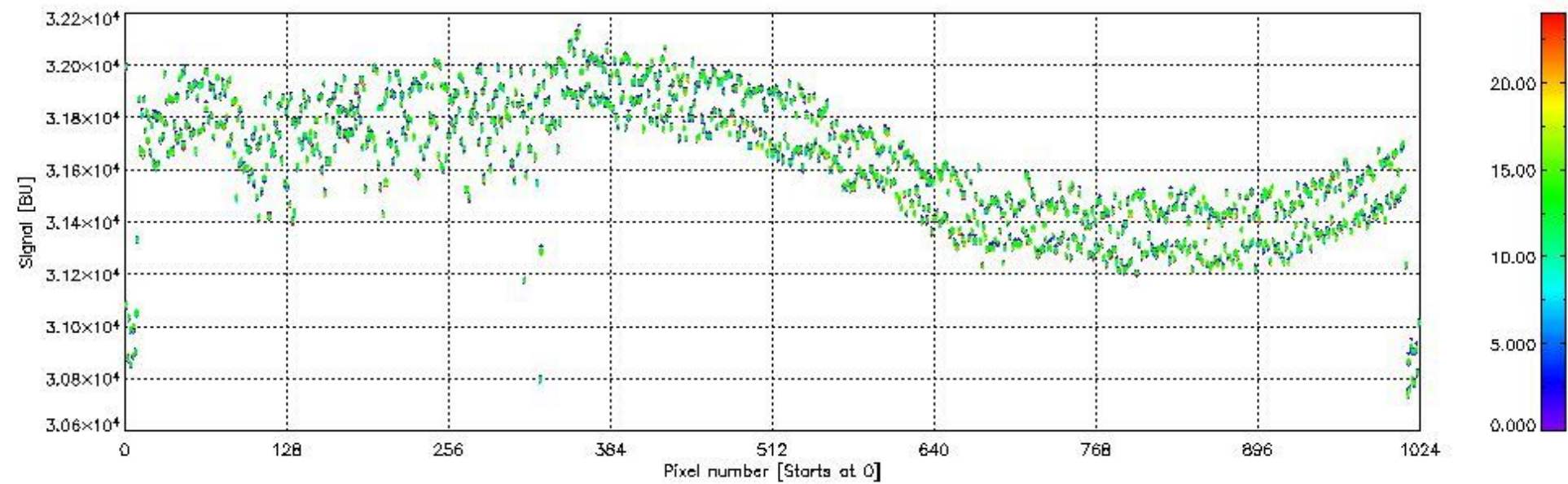
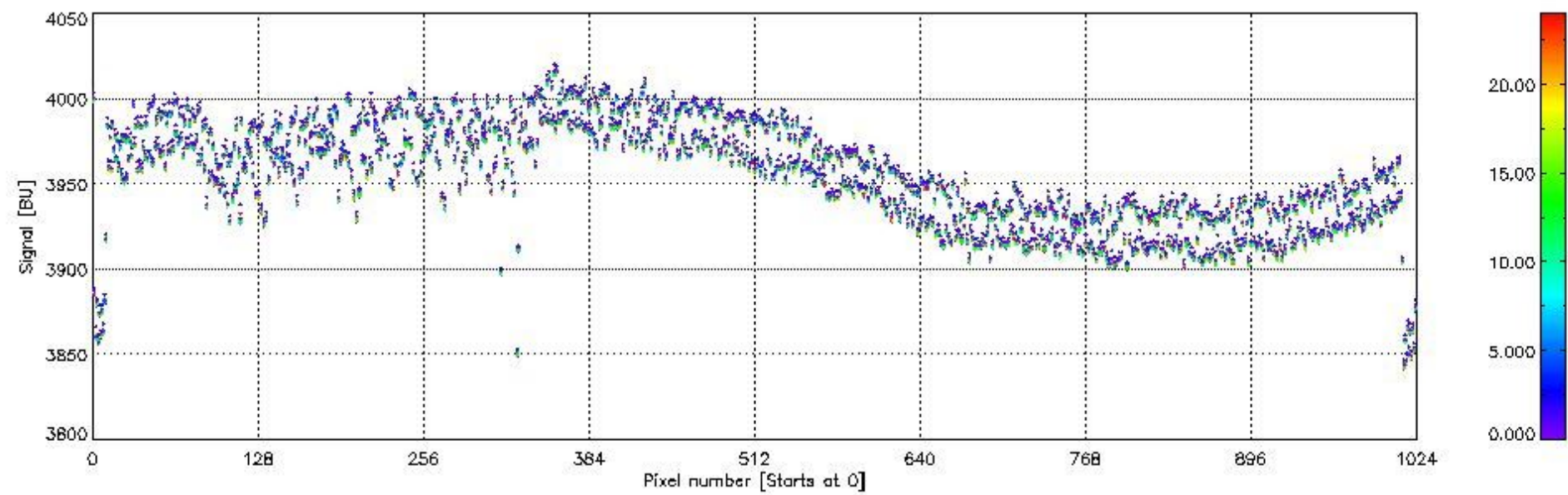
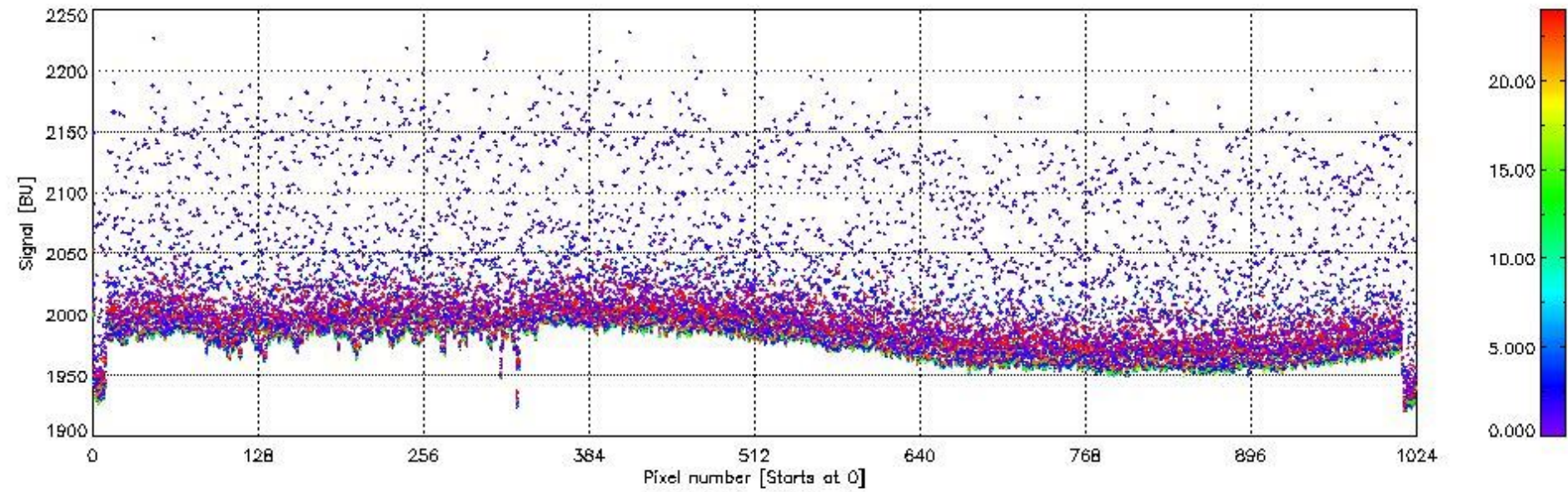
- Dark measurements (if available)
- New leakage current parameters (if available)

3. New spectral calibration parameters (if available)
4. New sun reference spectrum (if available)
5. New PPG/Etalon parameters (if available)

1.2.1 Dark measurements overview

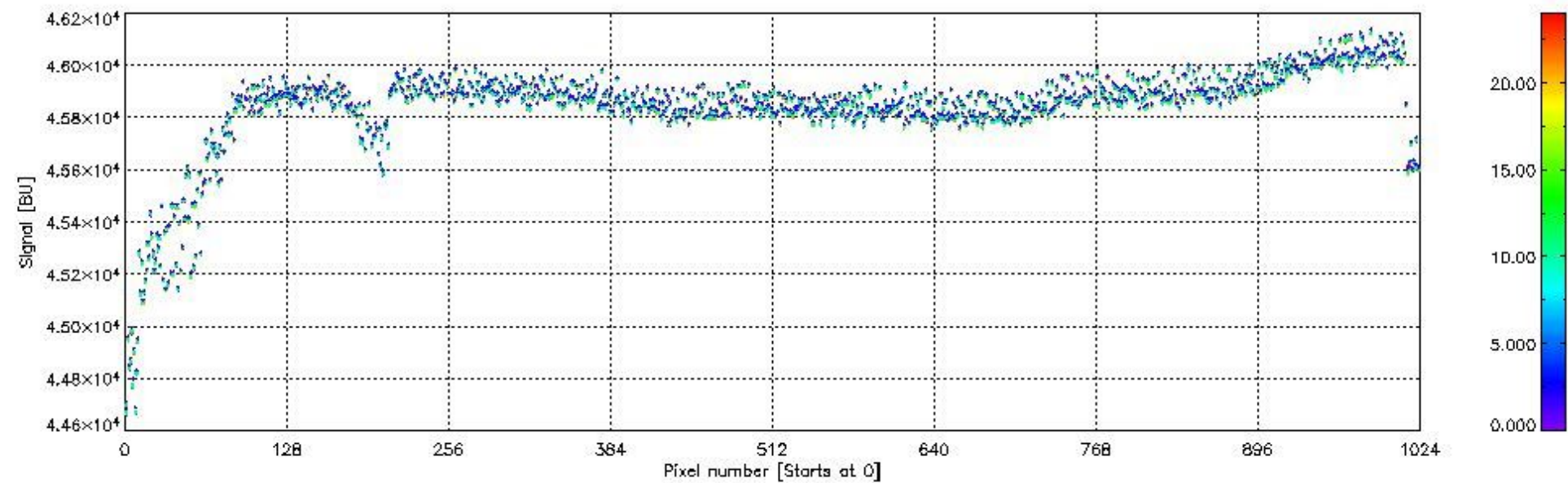
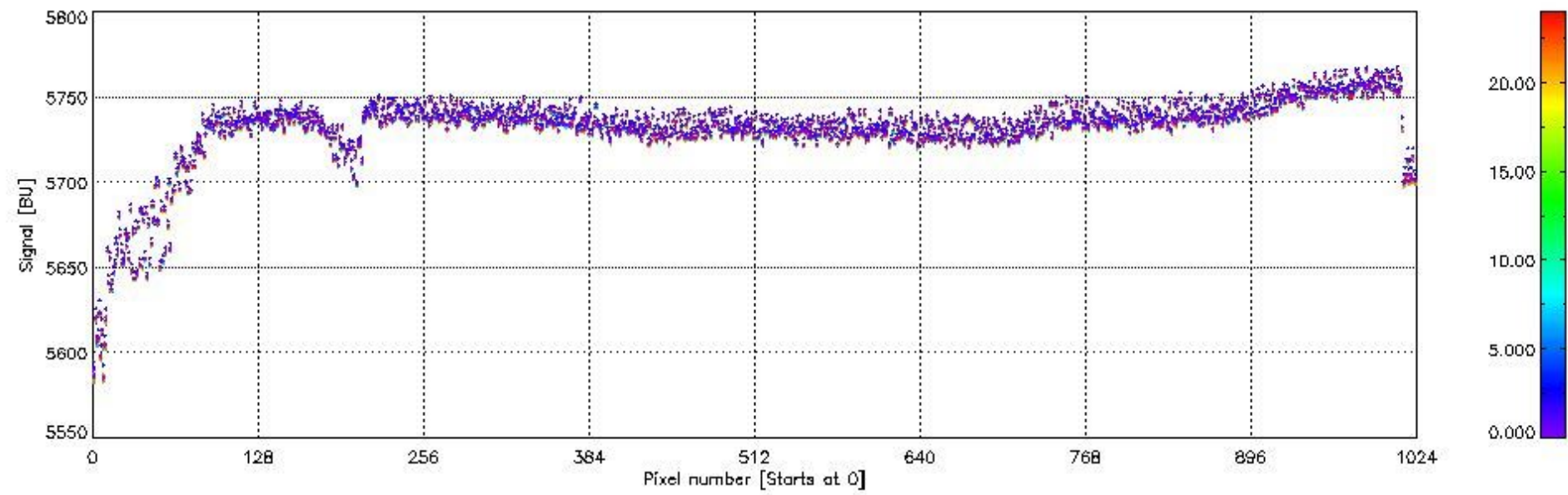
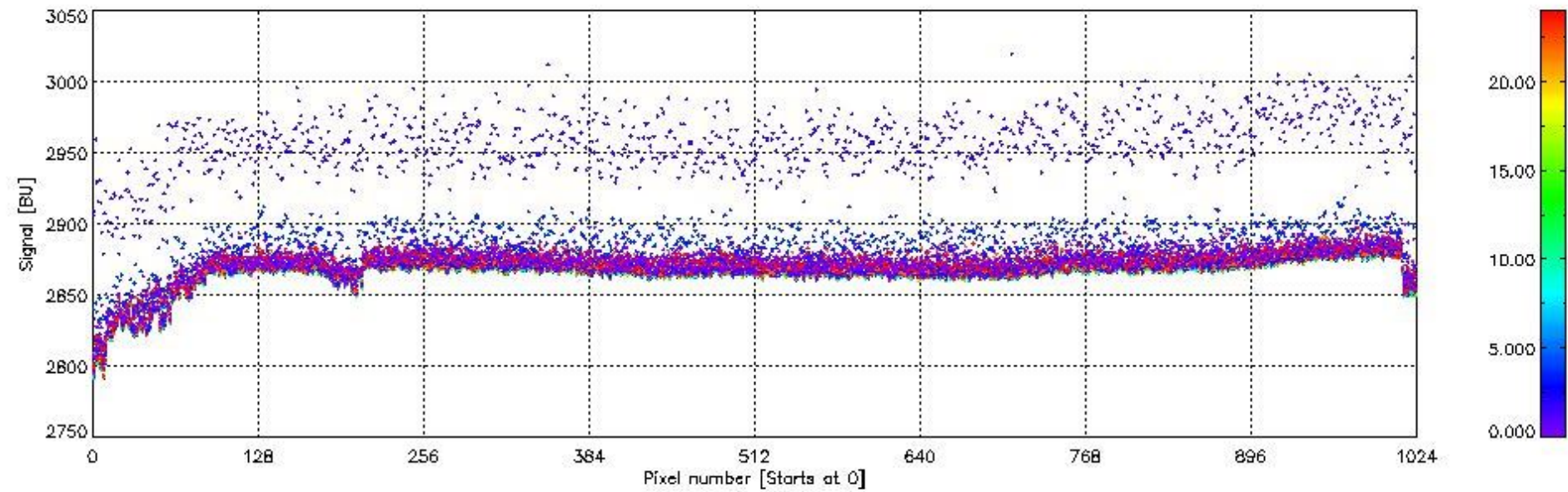
This section lists properties of the dark measurements performed within the processing scope.

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



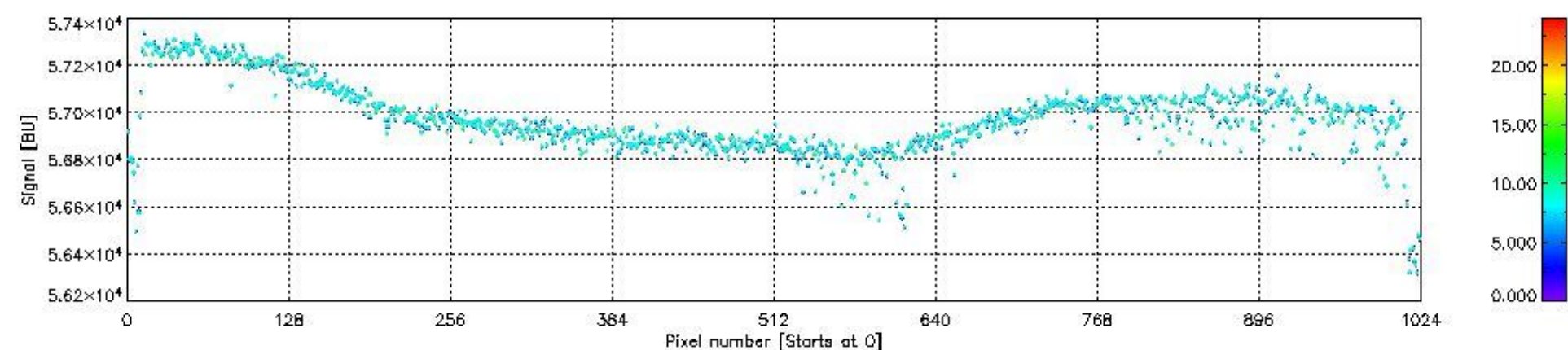
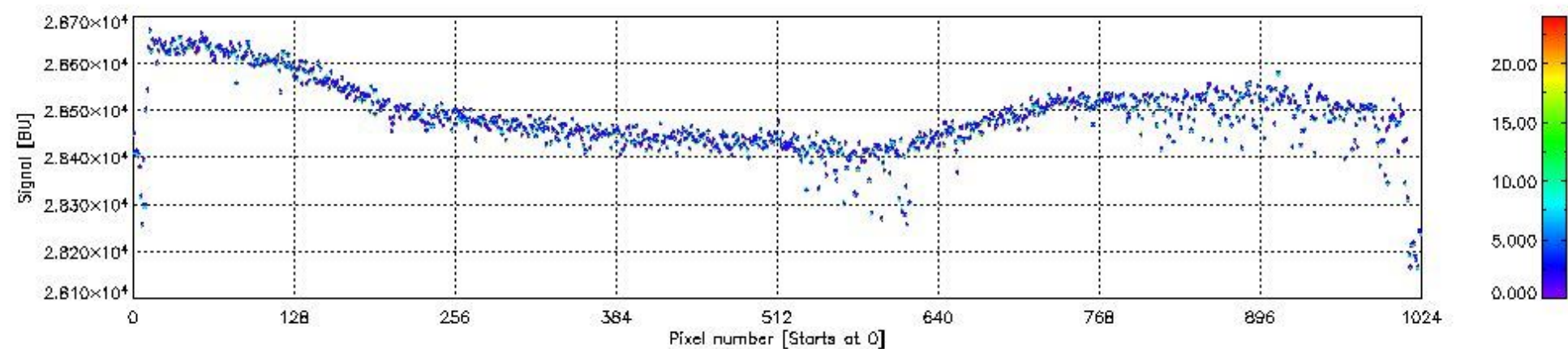
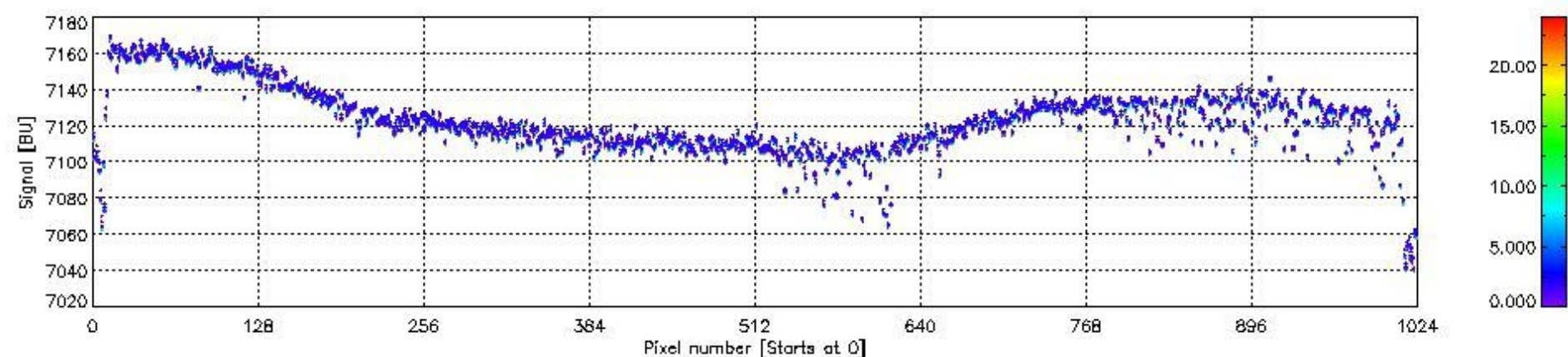
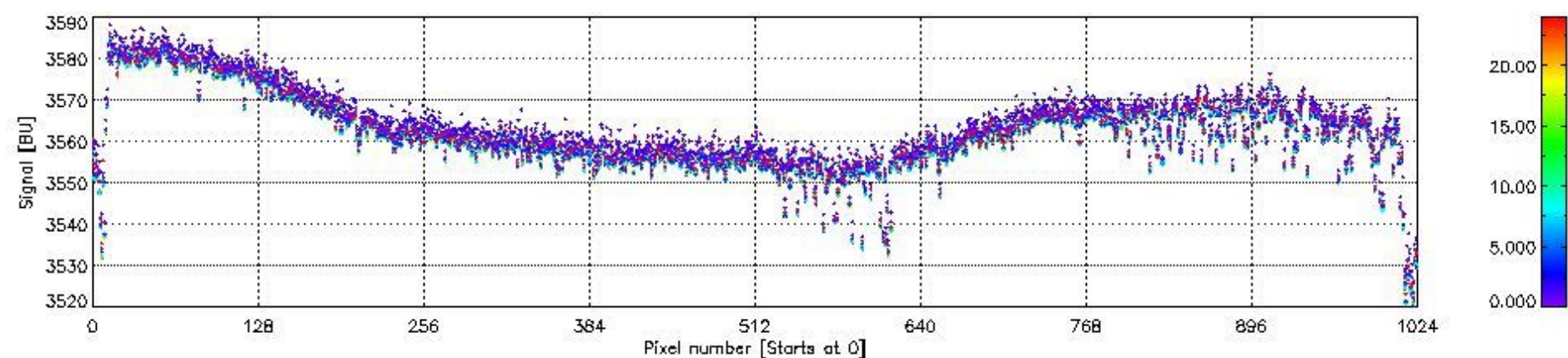
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_0.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



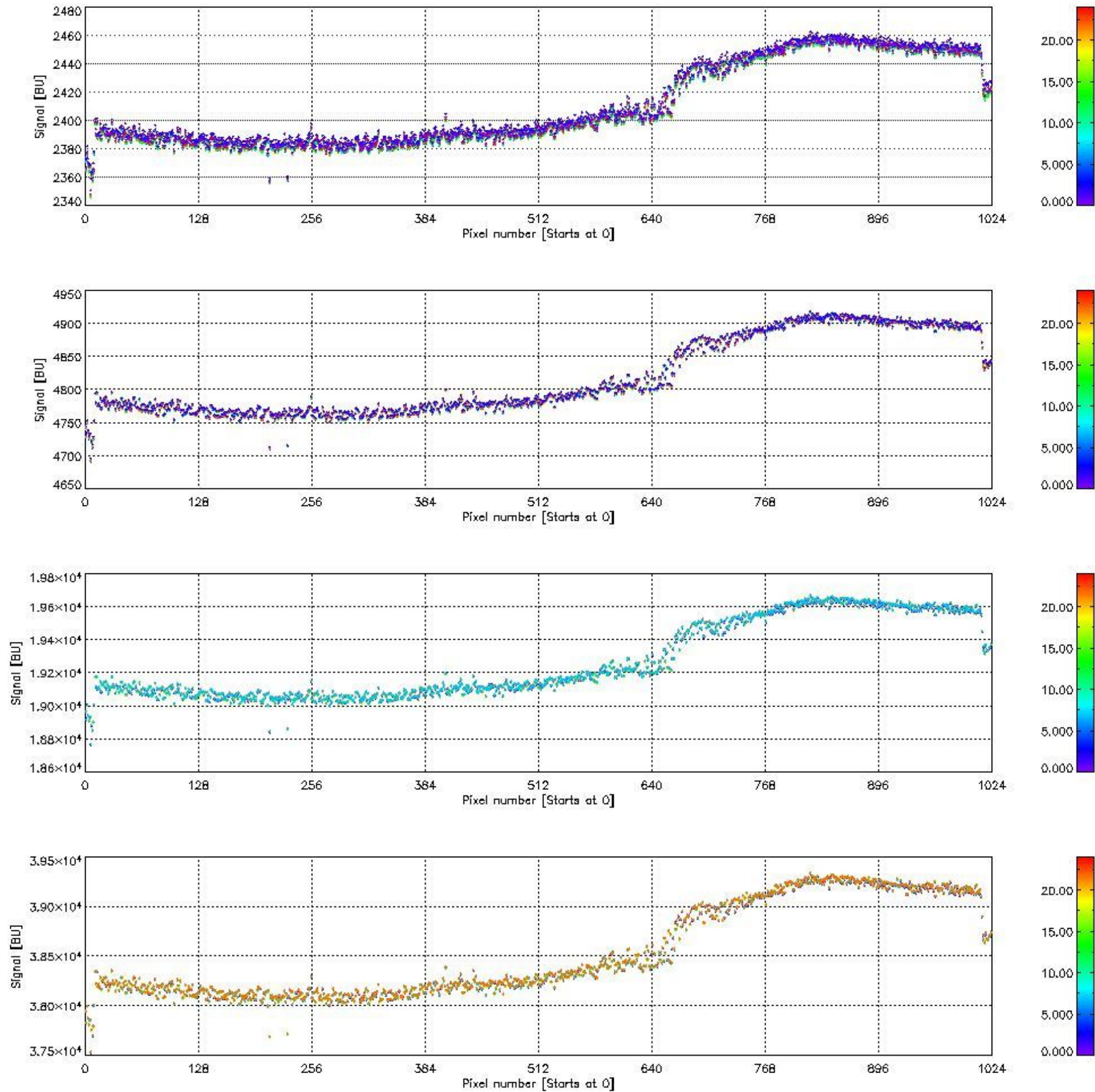
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_1.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



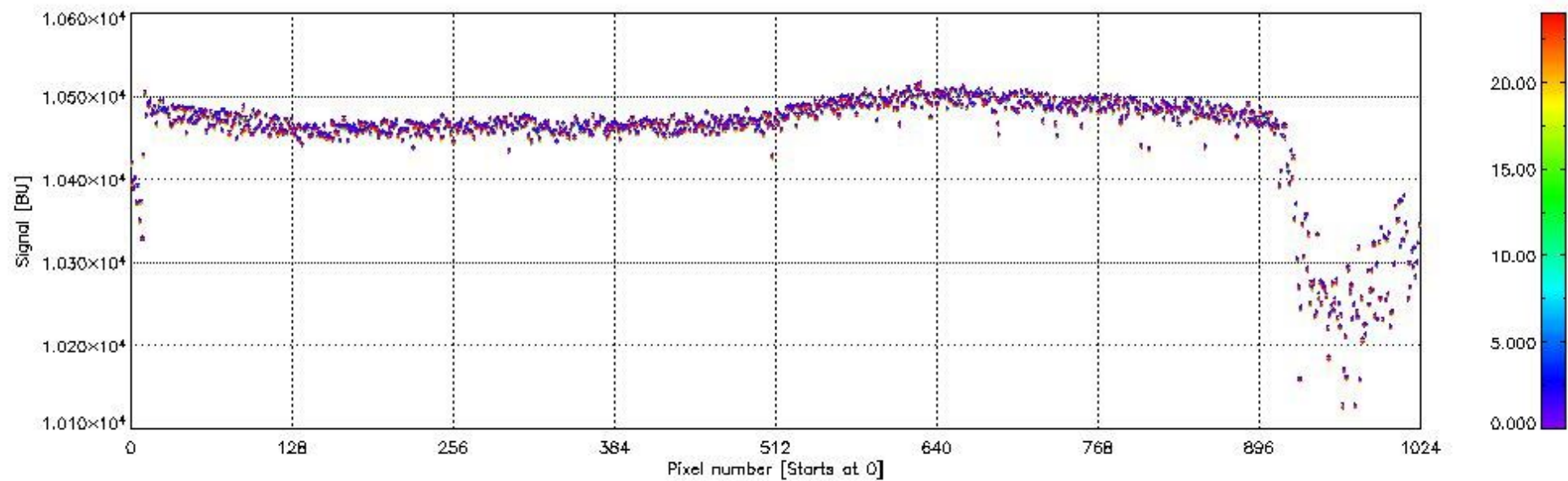
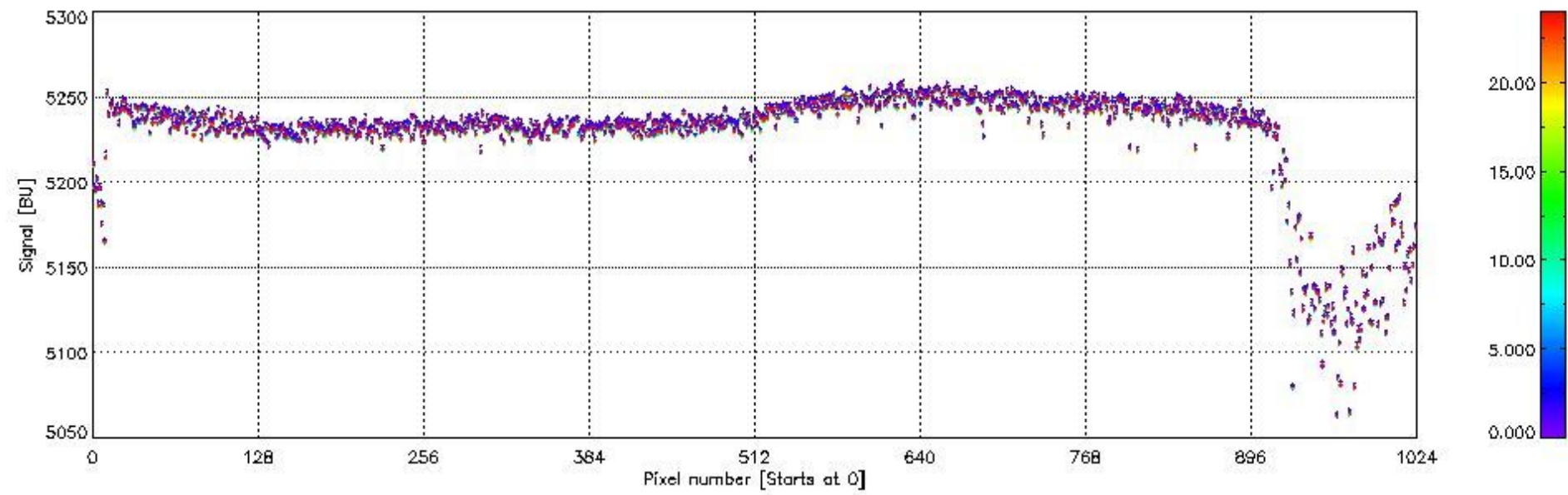
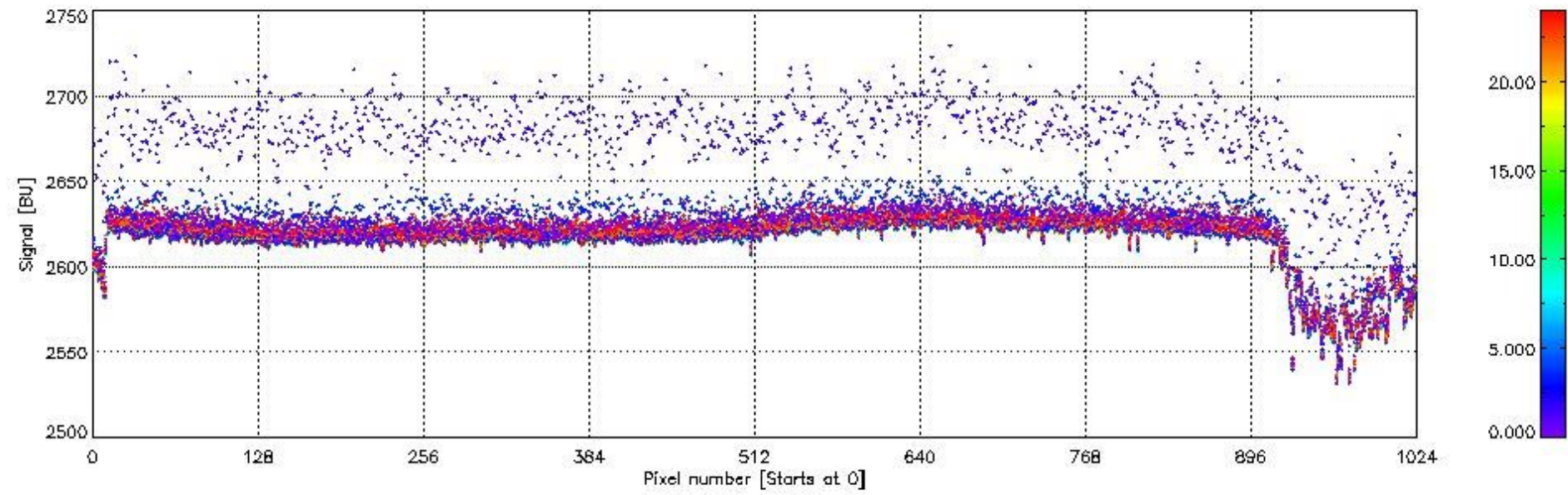
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_2.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



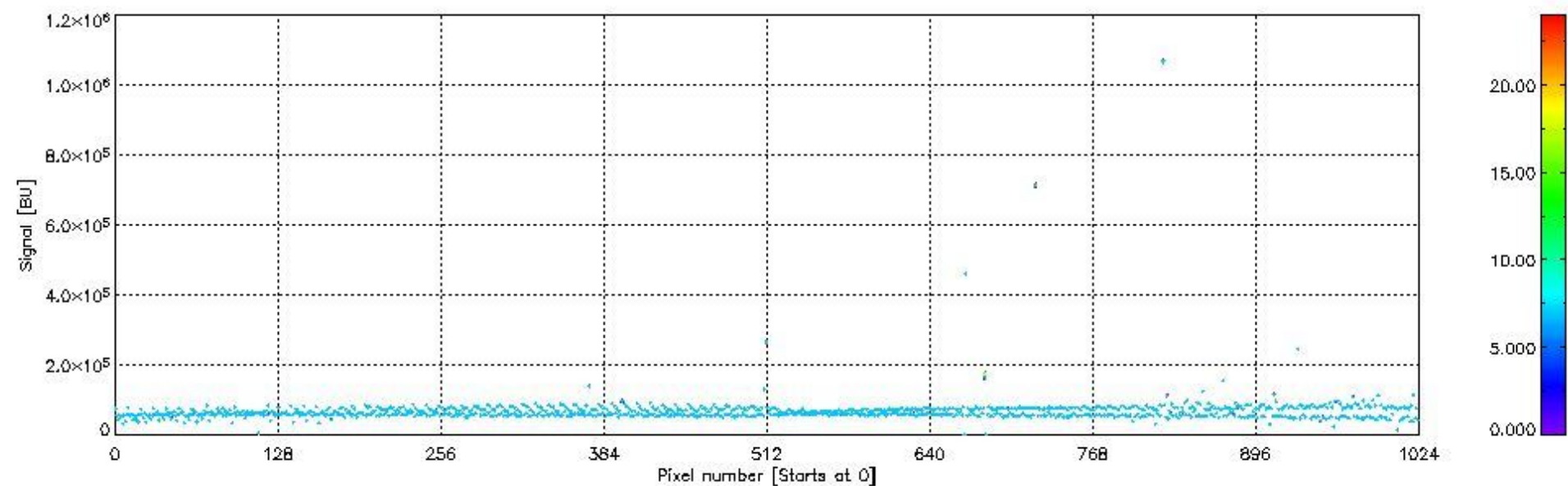
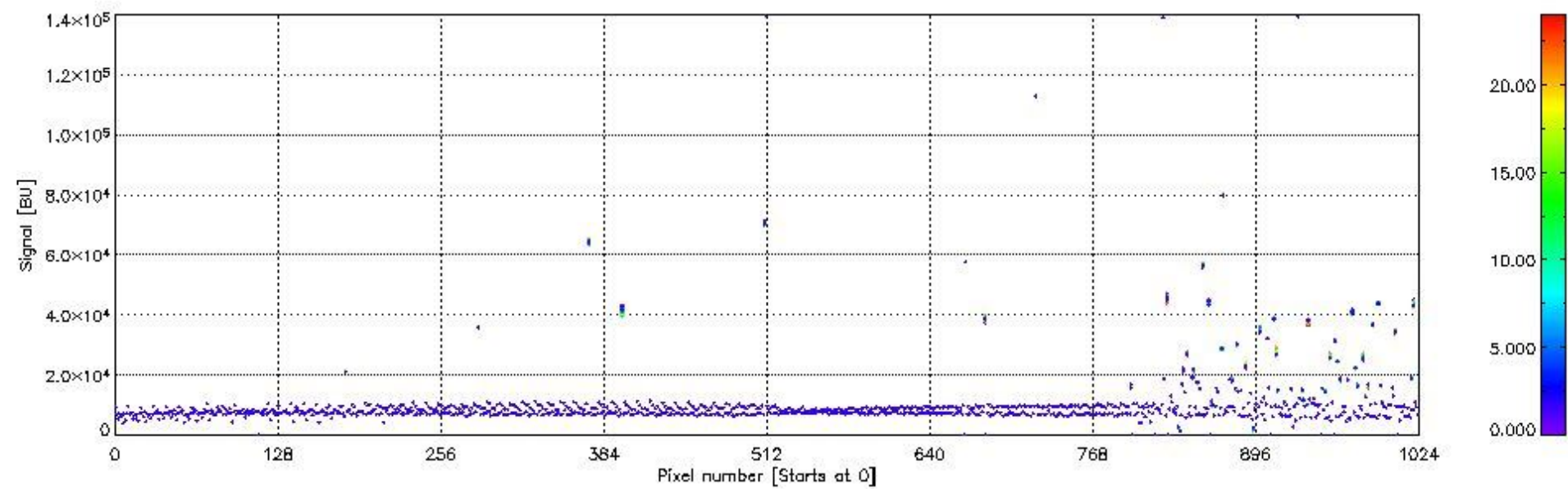
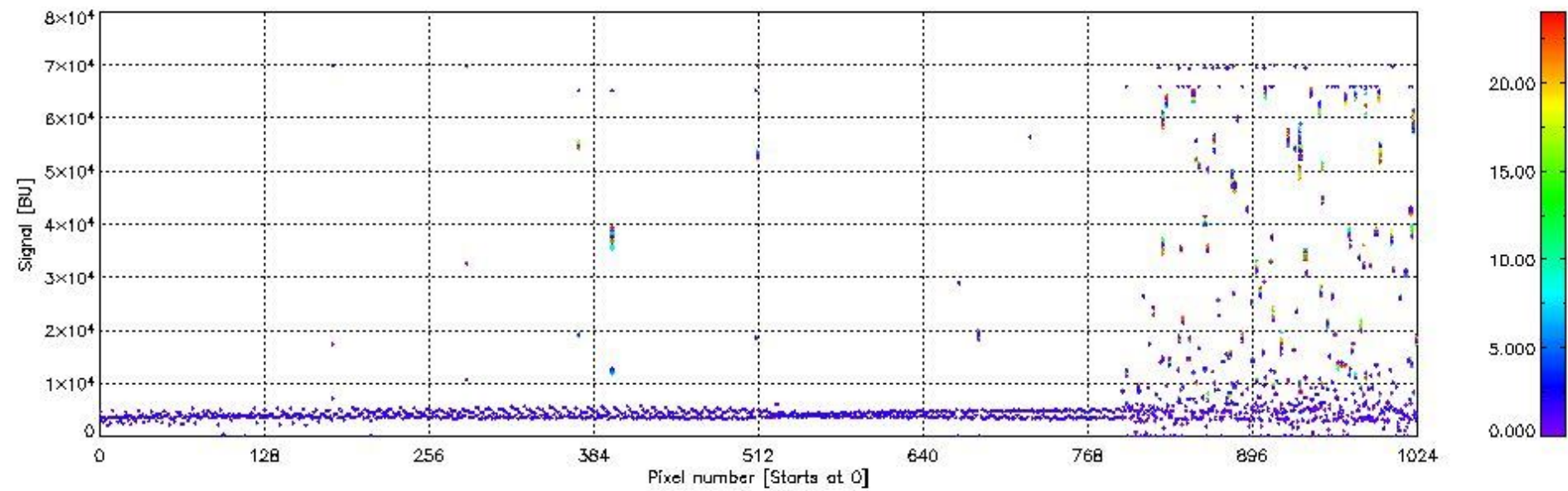
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_3.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



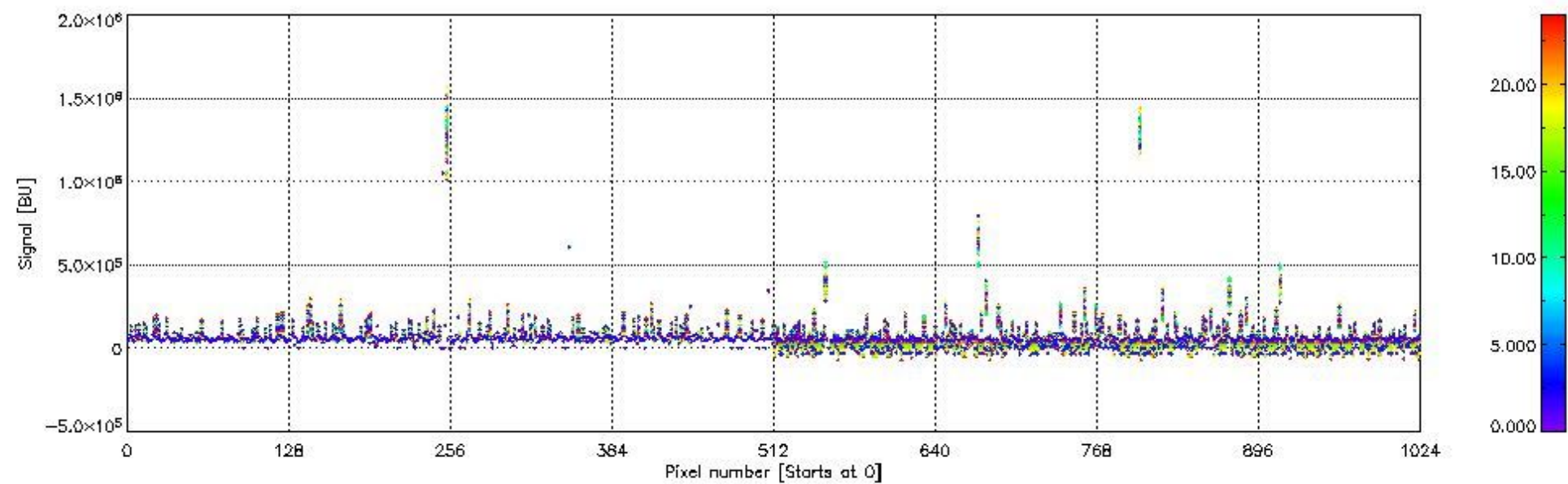
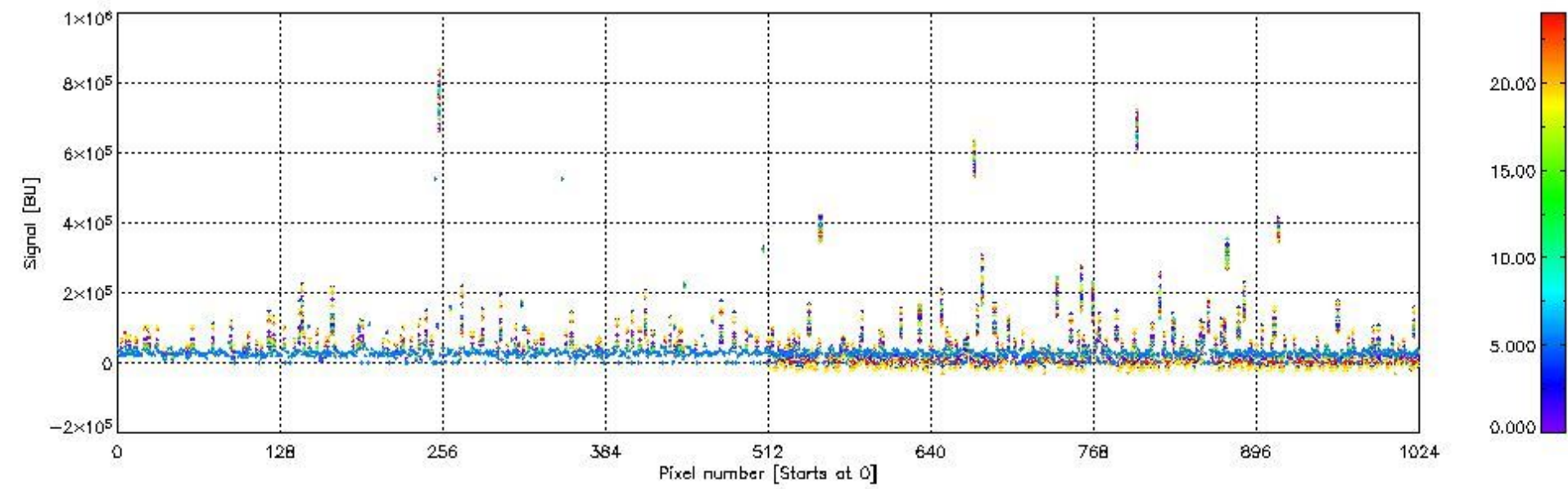
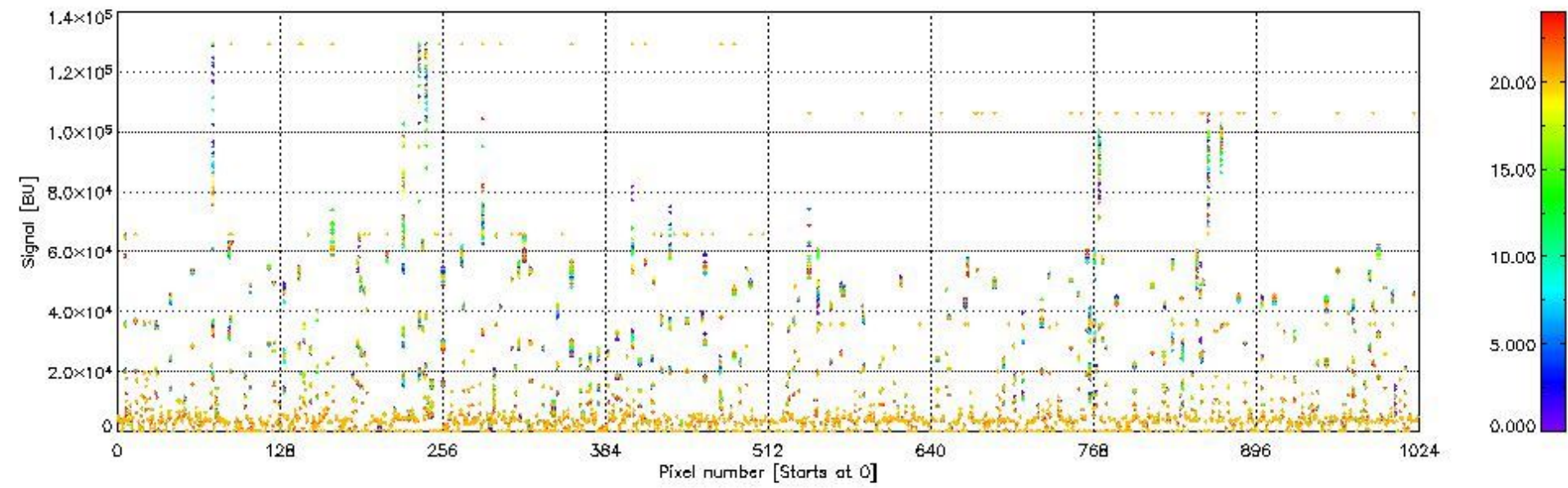
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_4.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



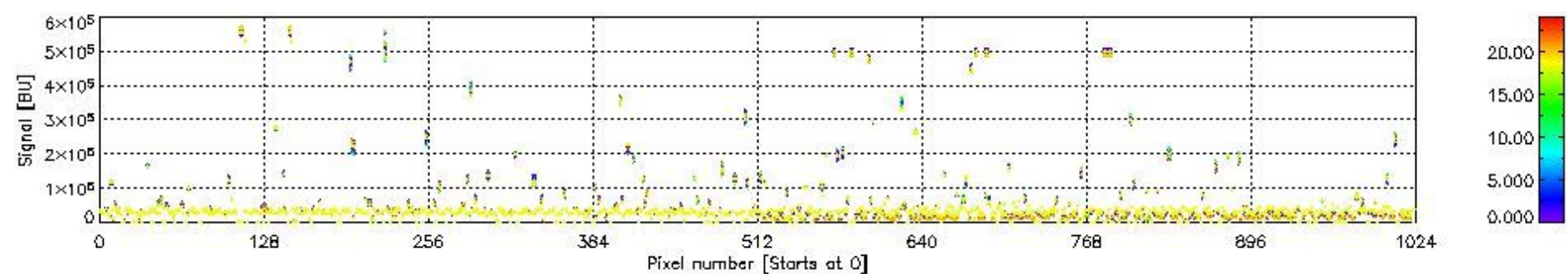
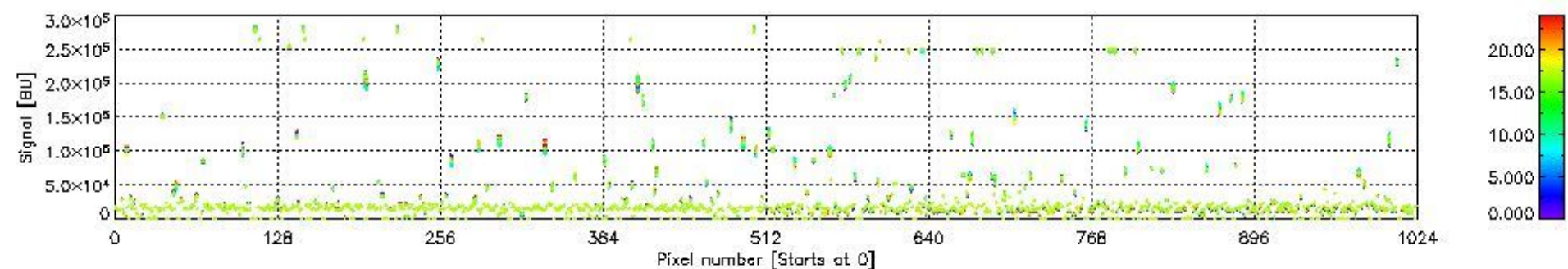
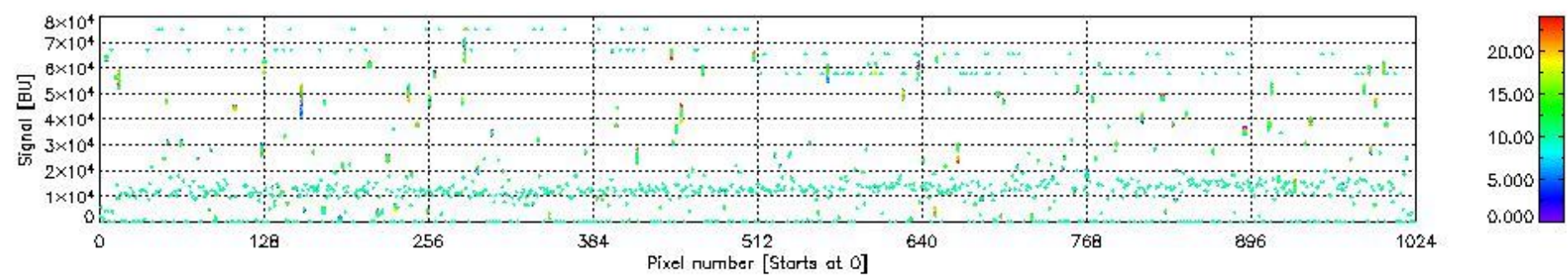
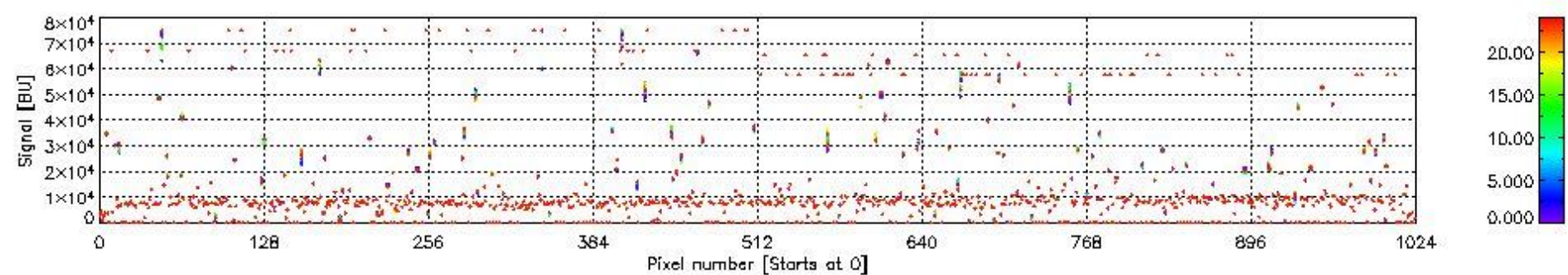
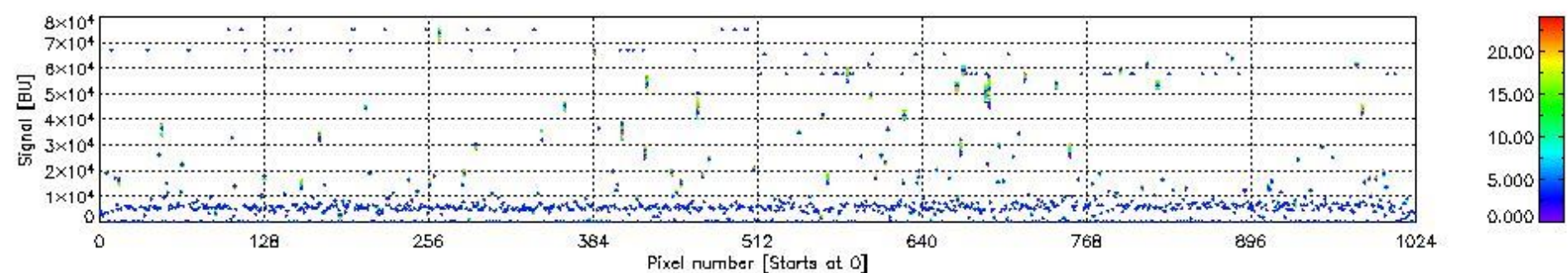
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_5.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



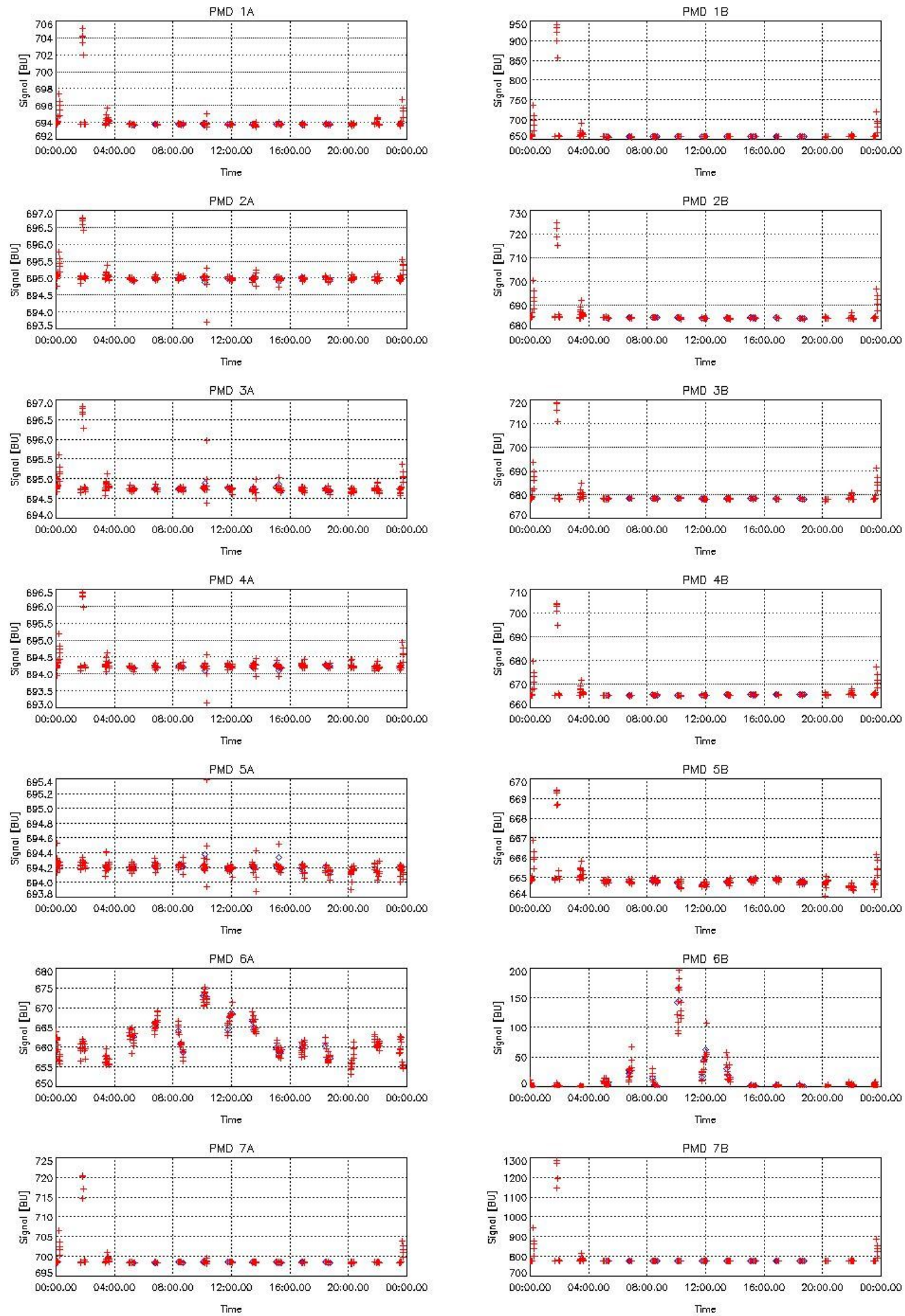
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_6.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00

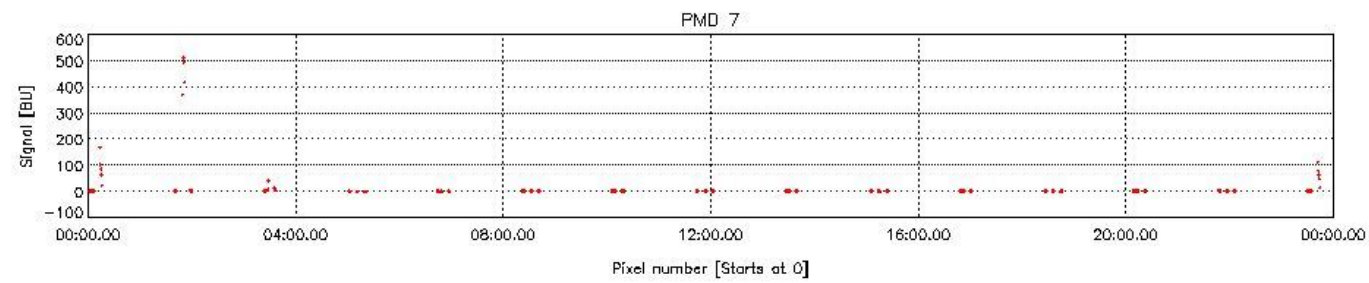
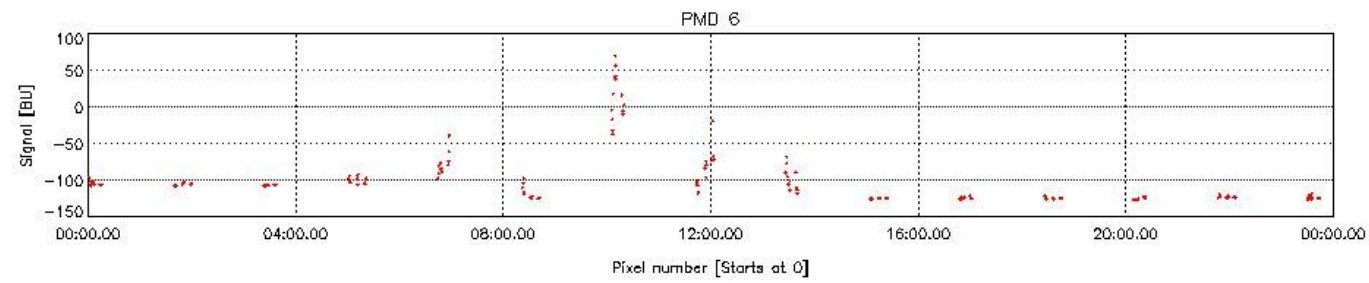
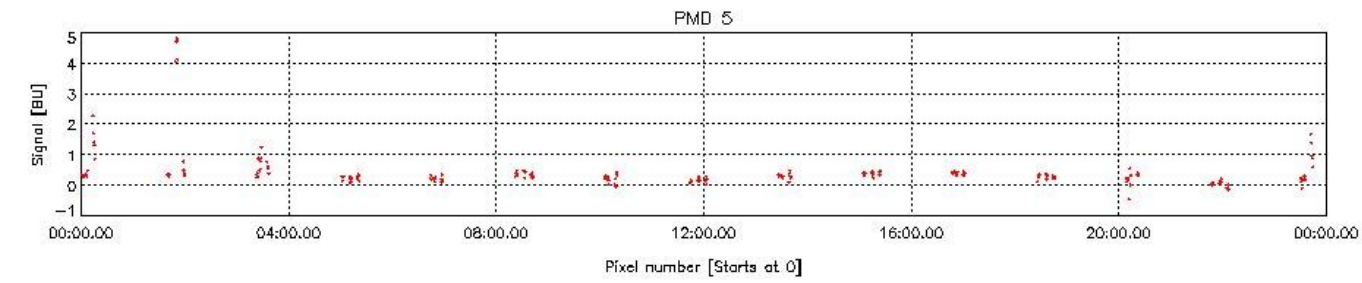
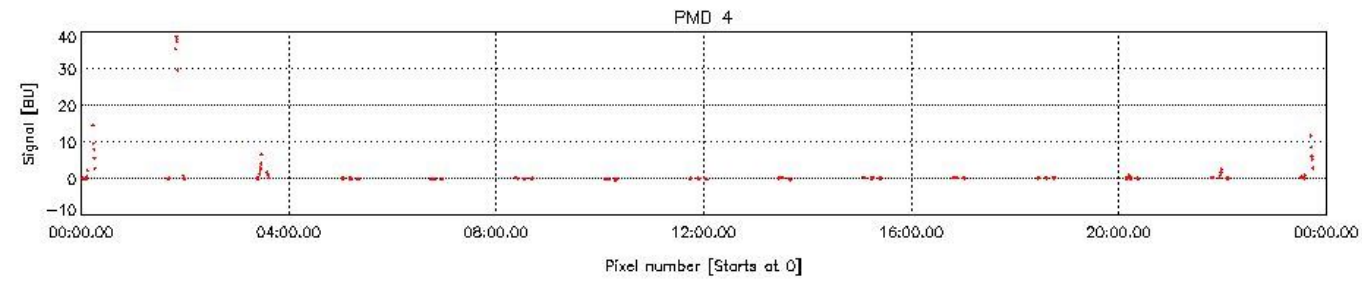
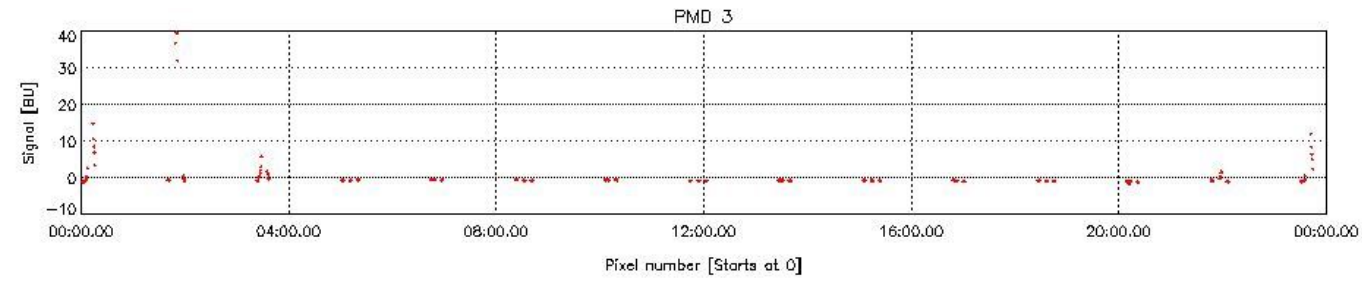
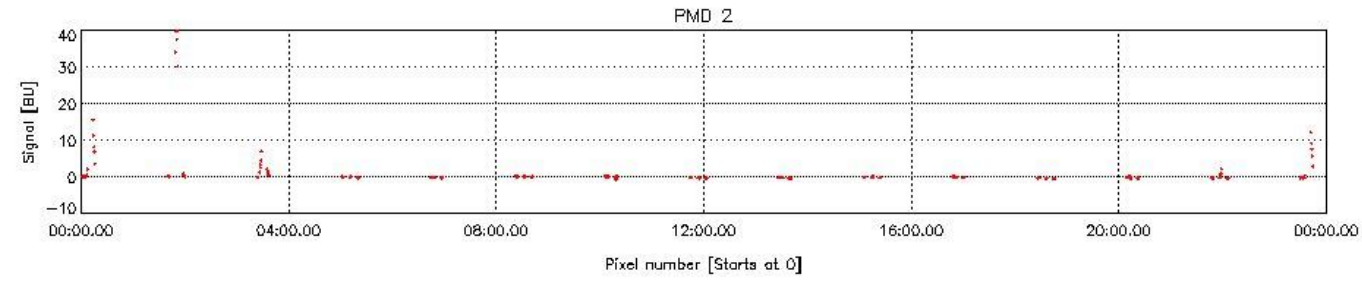
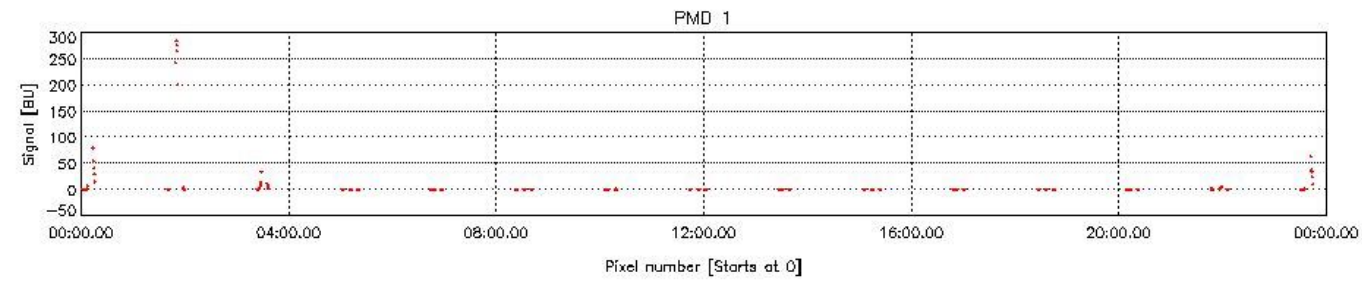


sciamachy_daily_report_level1_SCIA_6_03_N_20080424_7.PNG

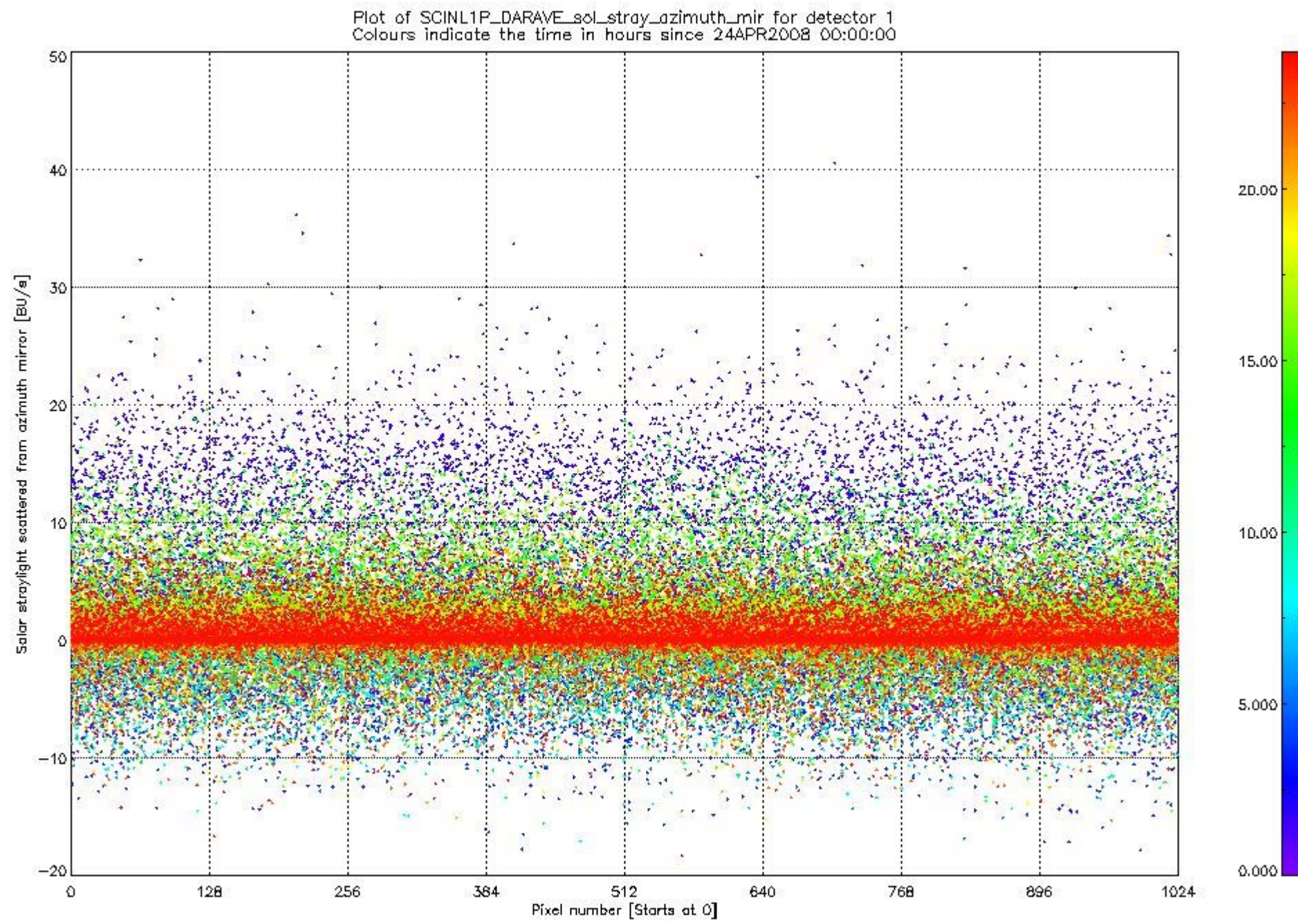
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 24APR2008 (red).
New leakage current offset data is given in blue for comparison.



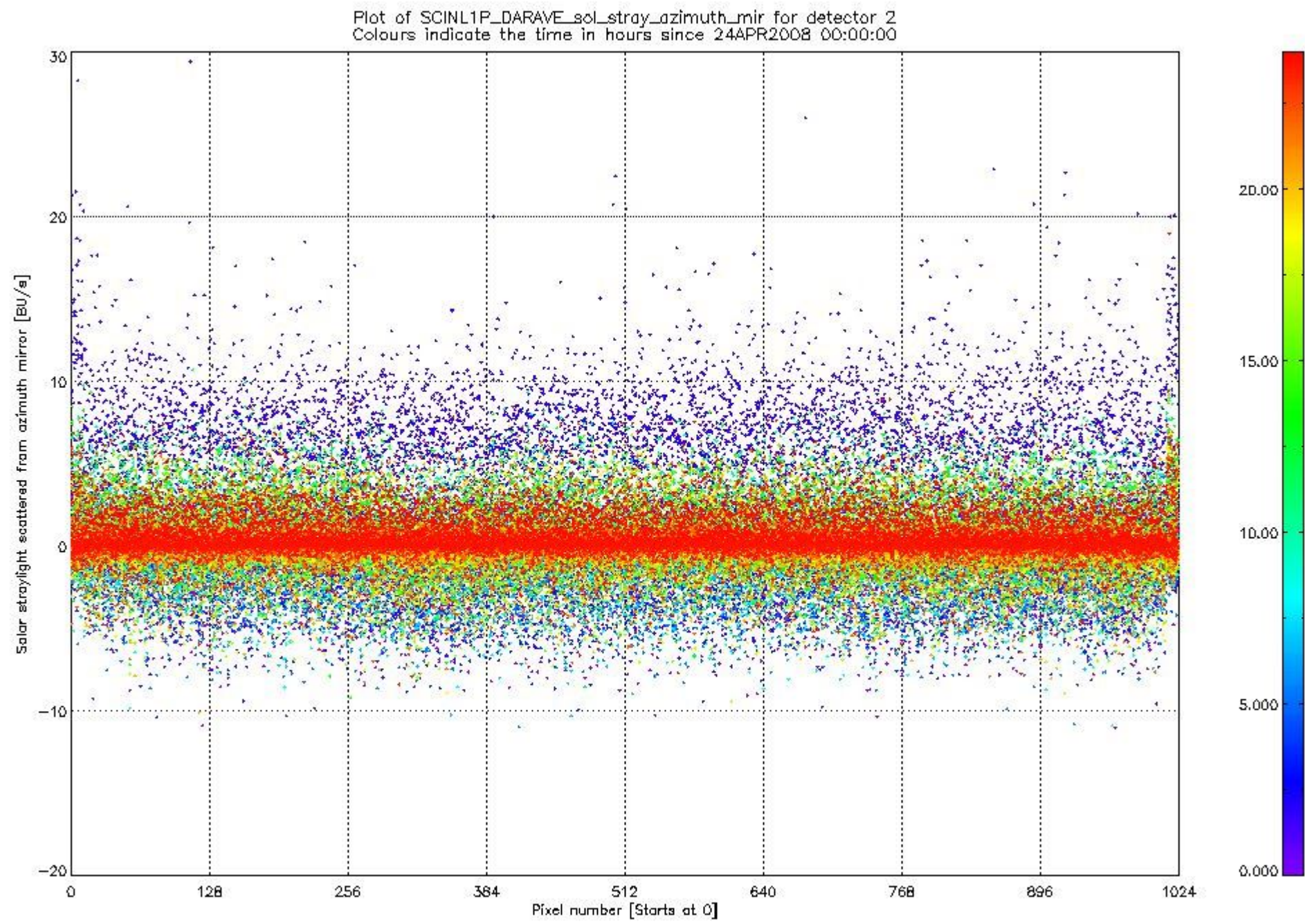
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_8.PNG



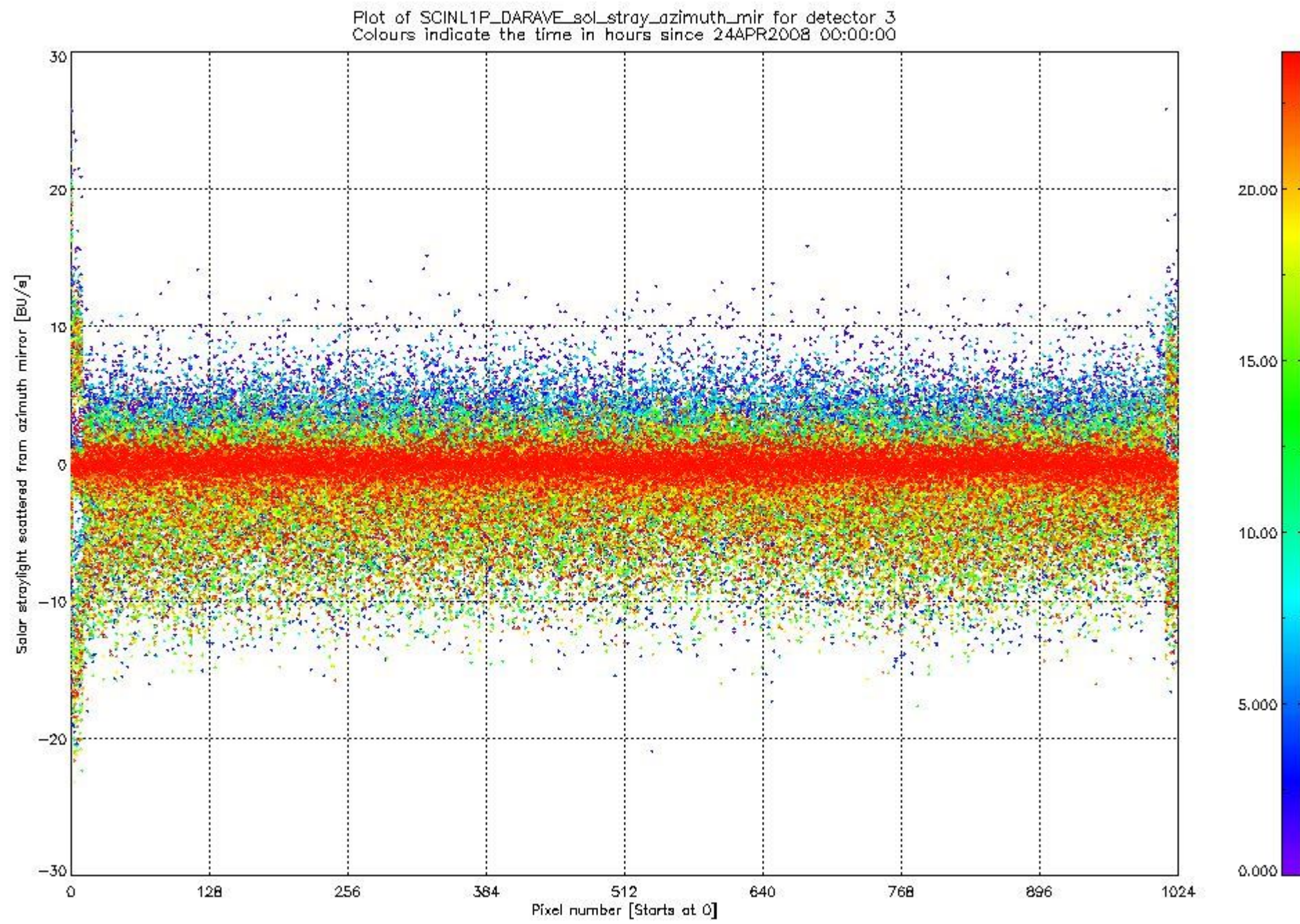
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_9.PNG



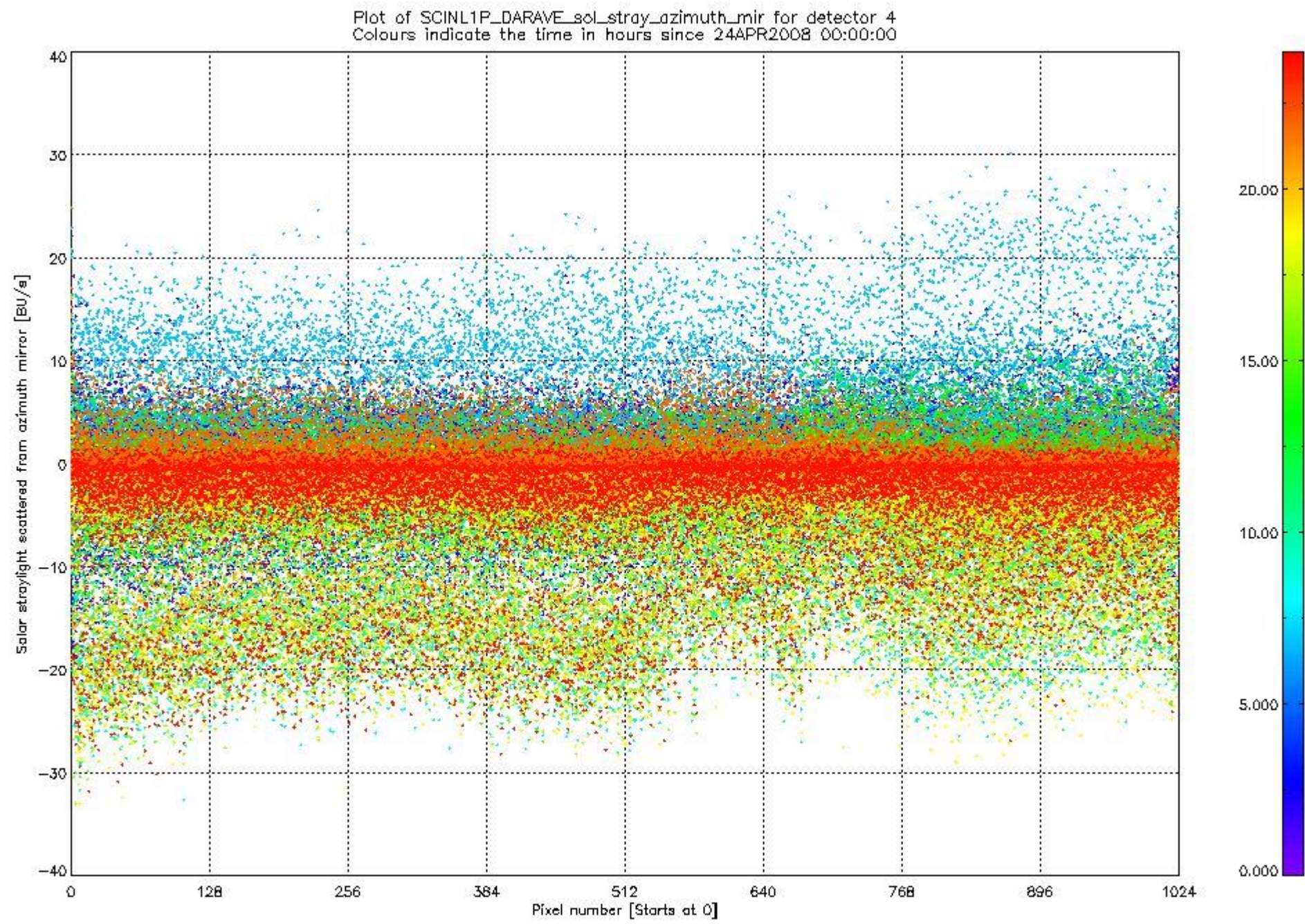
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_10.PNG

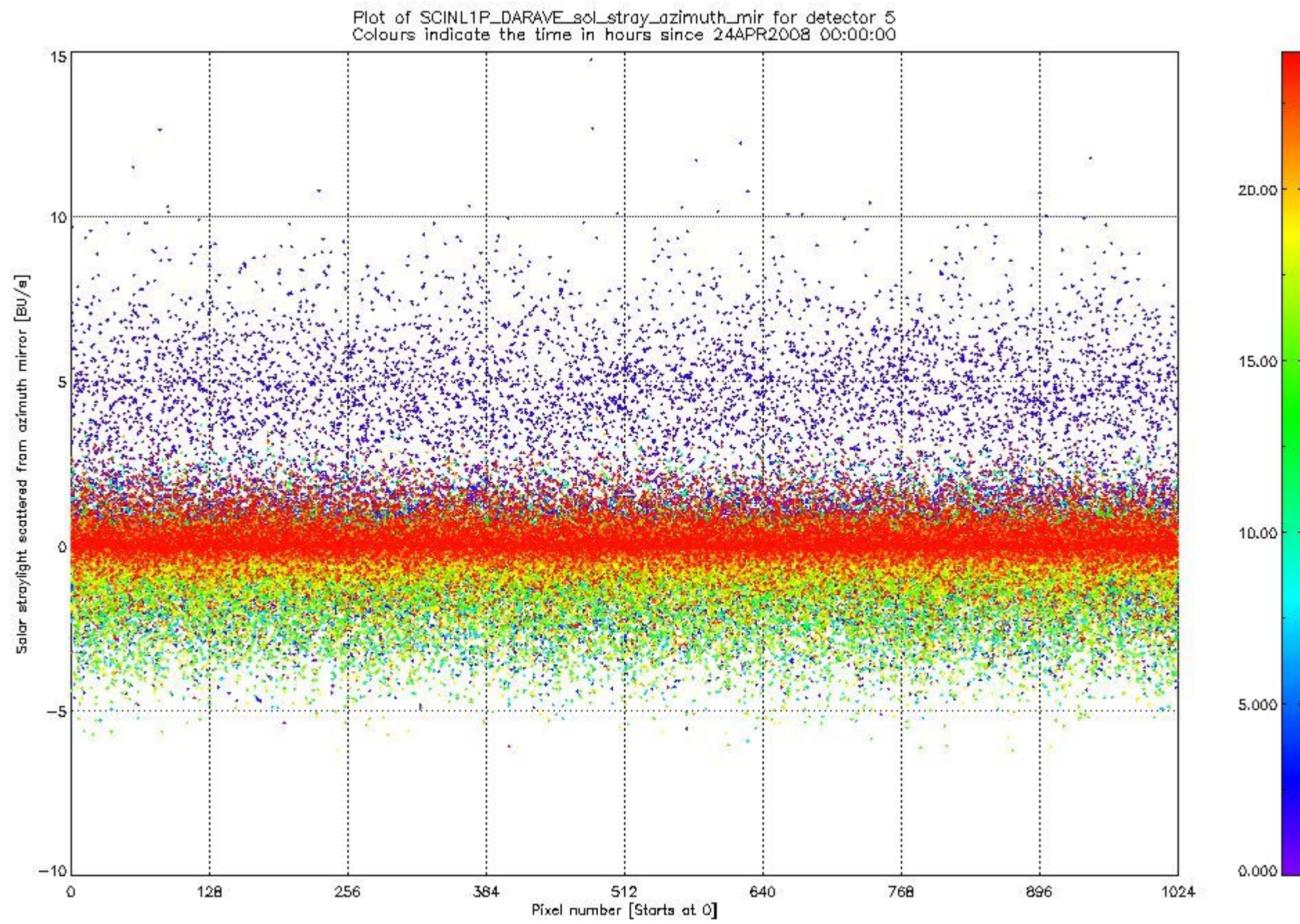


sciamachy_daily_report_level1_SCIA_6_03_N_20080424_11.PNG

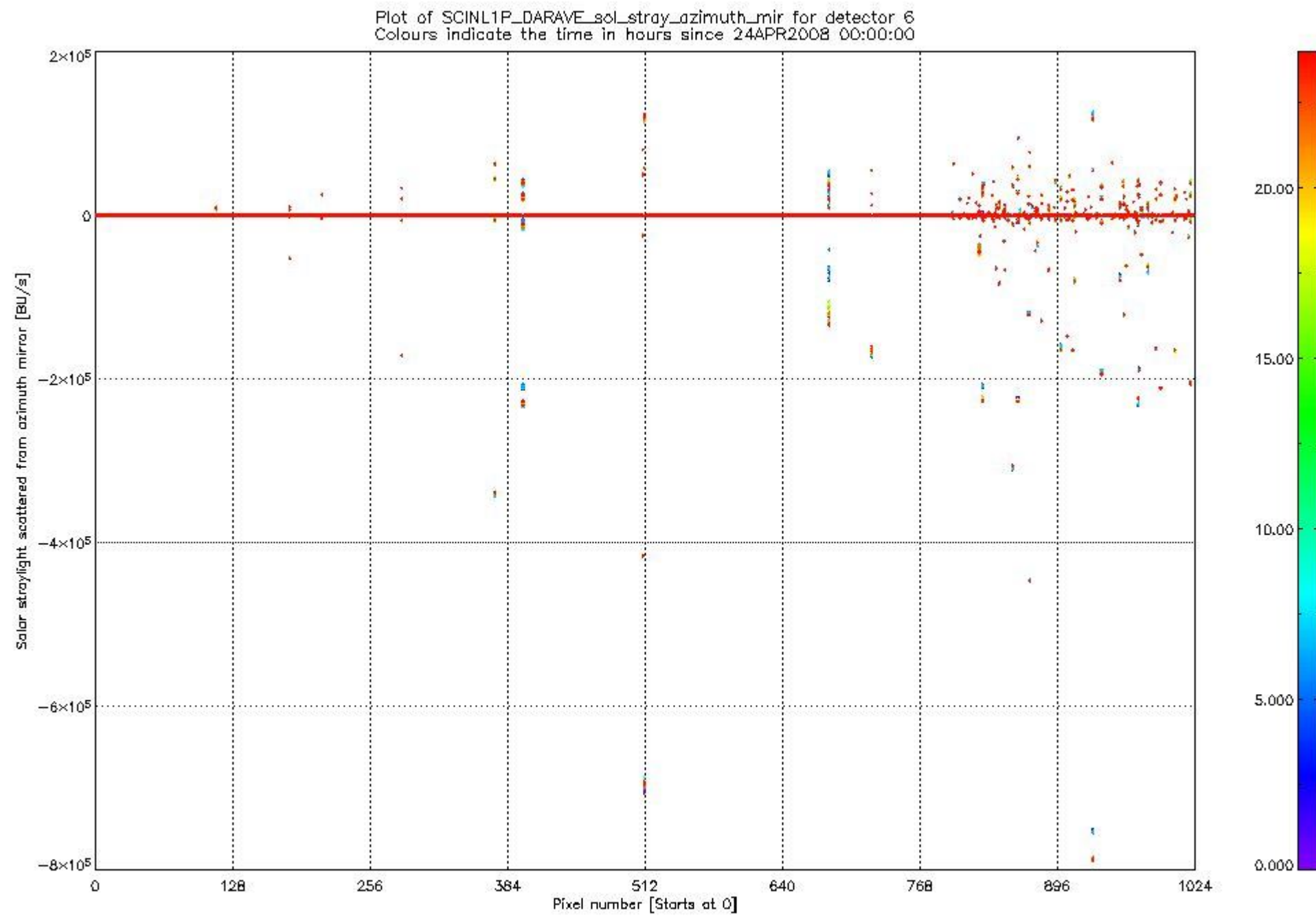


sciamachy_daily_report_level1_SCIA_6_03_N_20080424_12.PNG

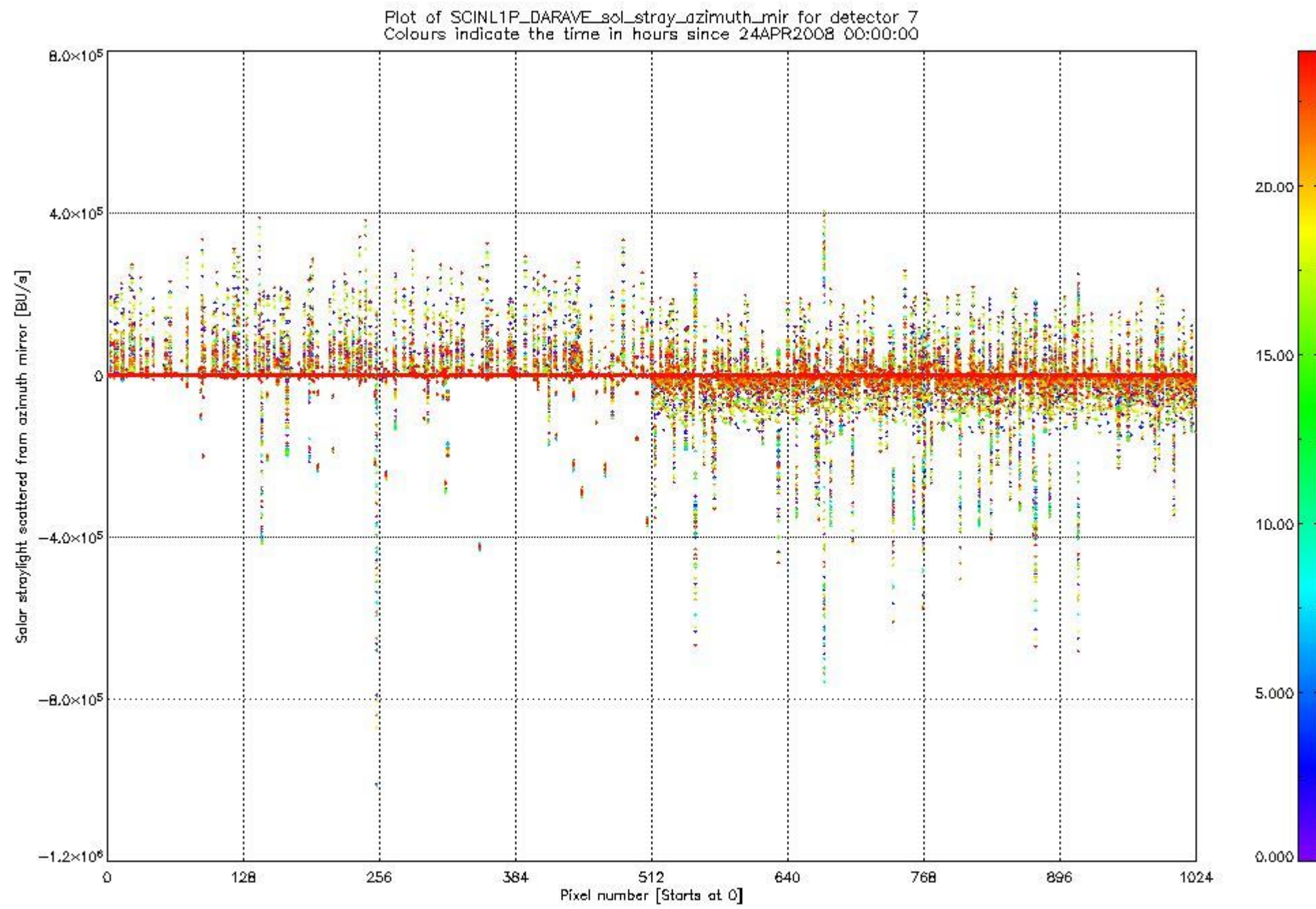




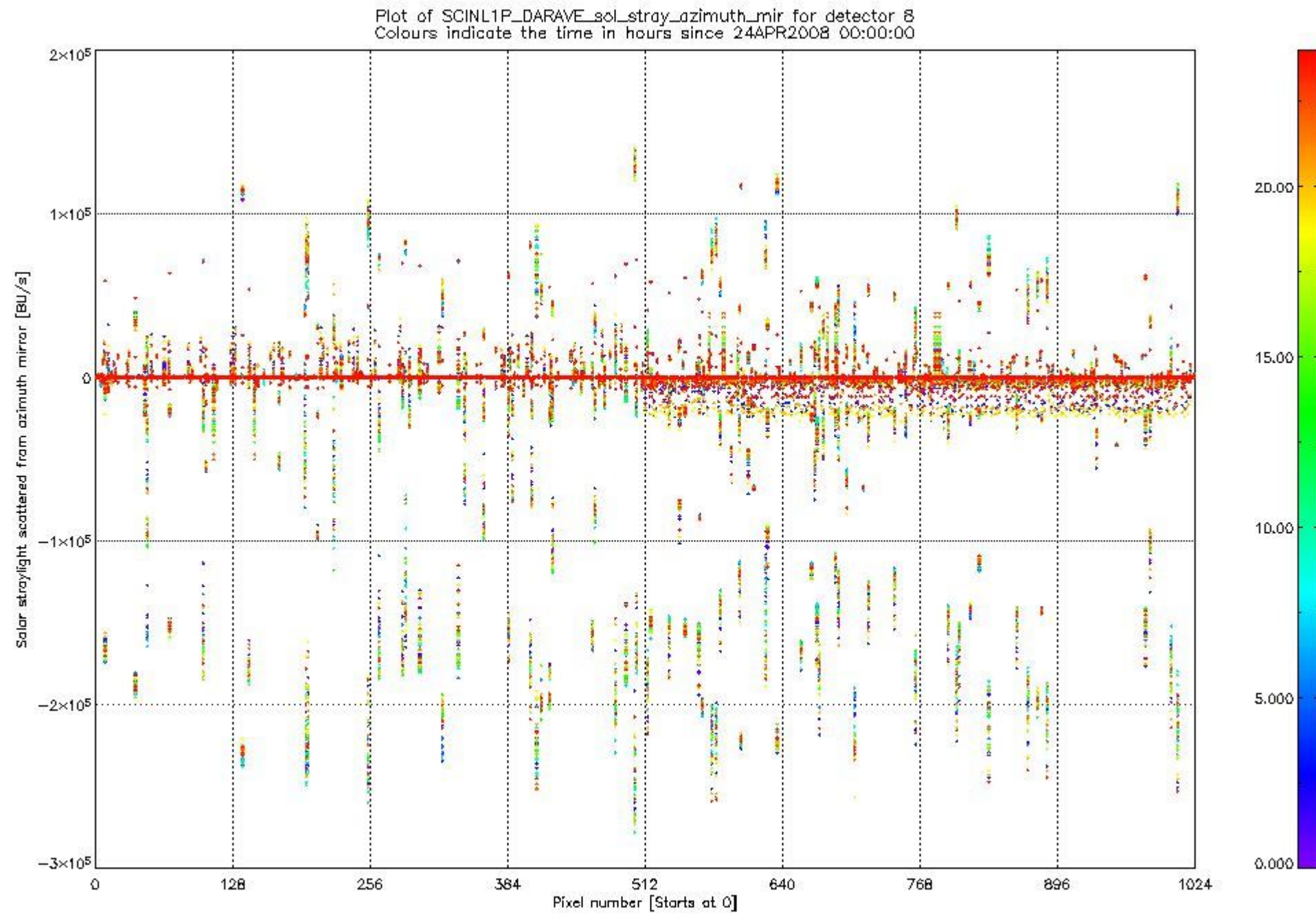
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_14.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080424_15.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080424_16.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080424_17.PNG

1.2.2 New leakage current parameters

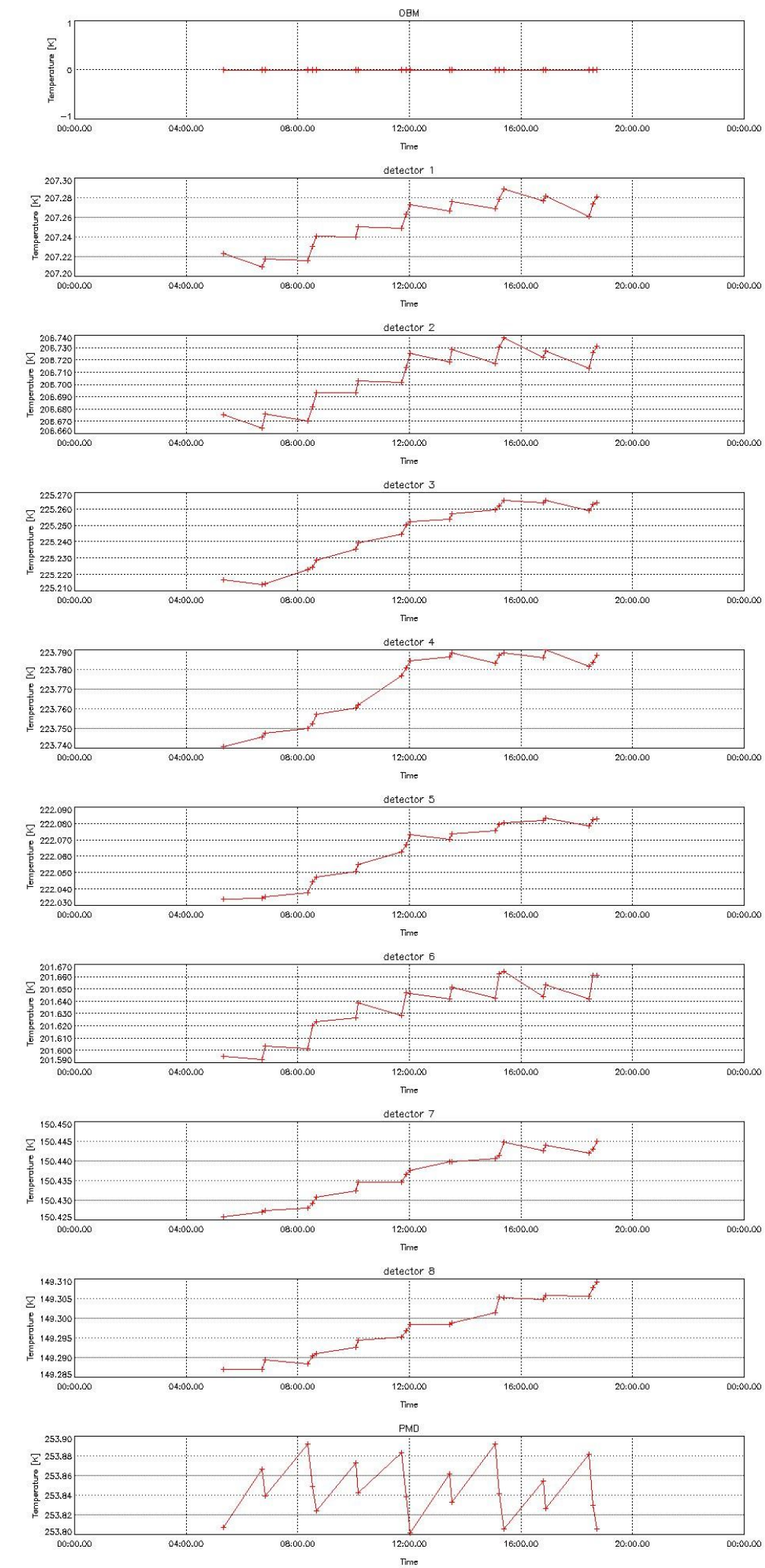
This section lists properties of the new leakage current data within the processing scope.

The following table shows the new leakage measurement data characteristics.

#	dsr_time	attach	orb_phase
0	24APR2008 05:19:45	1	0.318500
1	24APR2008 06:43:53	1	0.173222
2	24APR2008 06:49:25	1	0.257250
3	24APR2008 08:22:16	1	0.137600
4	24APR2008 08:31:36	1	0.230400
5	24APR2008 08:40:12	1	0.315800
6	24APR2008 10:05:04	1	0.173222
7	24APR2008 10:10:36	1	0.257250
8	24APR2008 11:43:27	1	0.137400
9	24APR2008 11:52:47	1	0.230400

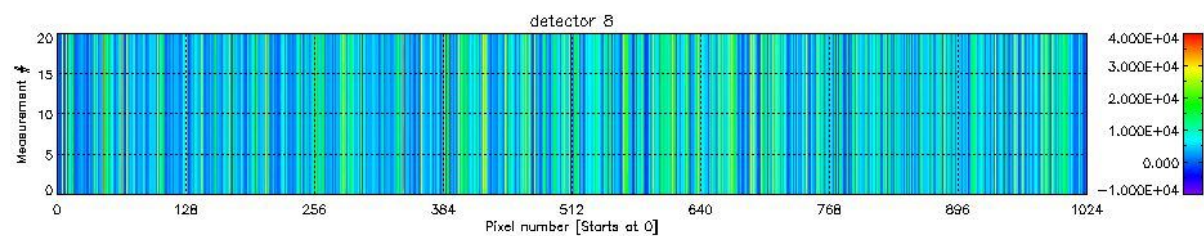
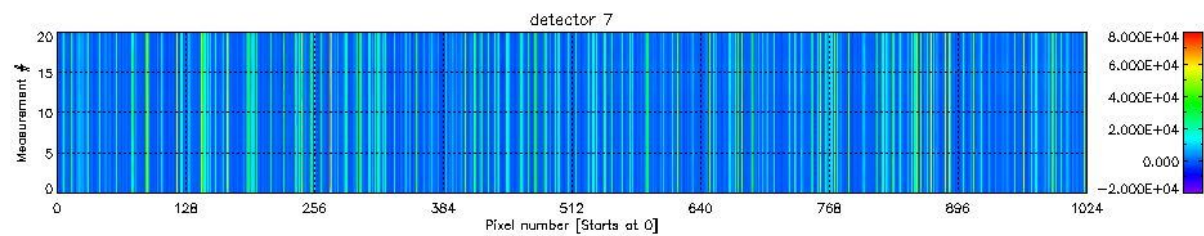
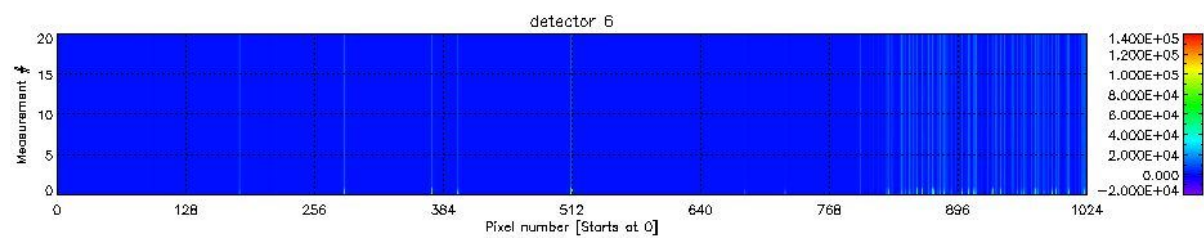
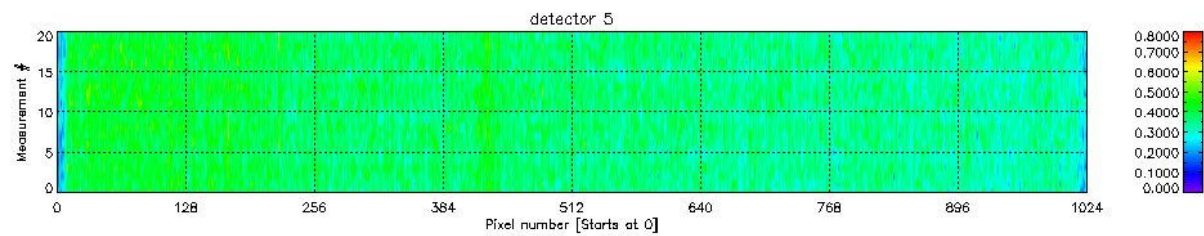
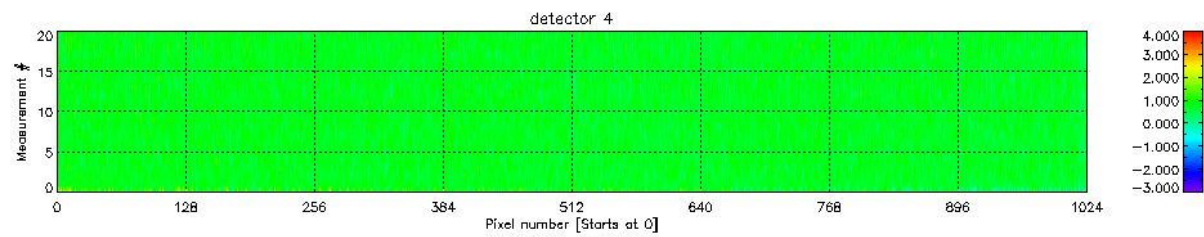
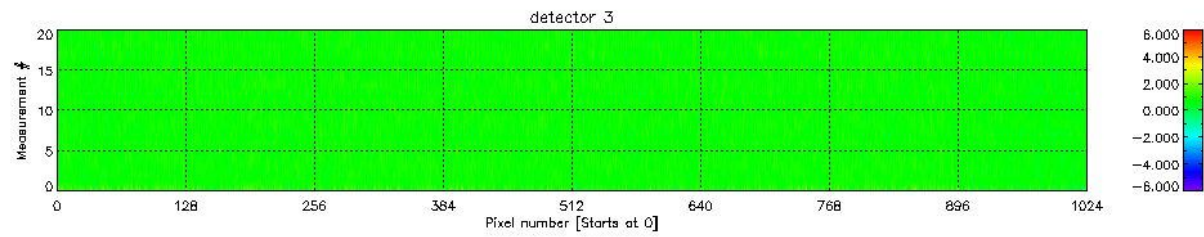
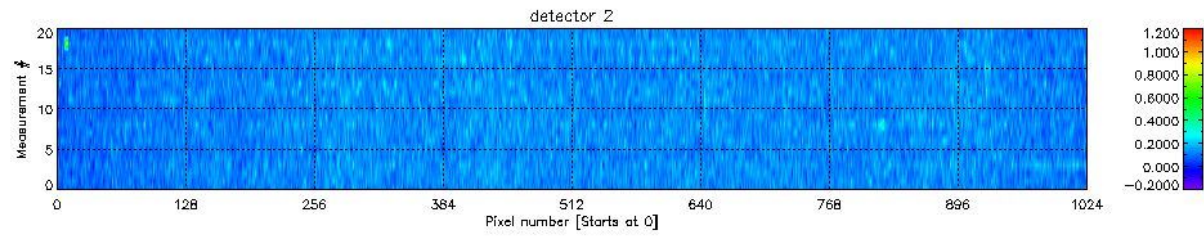
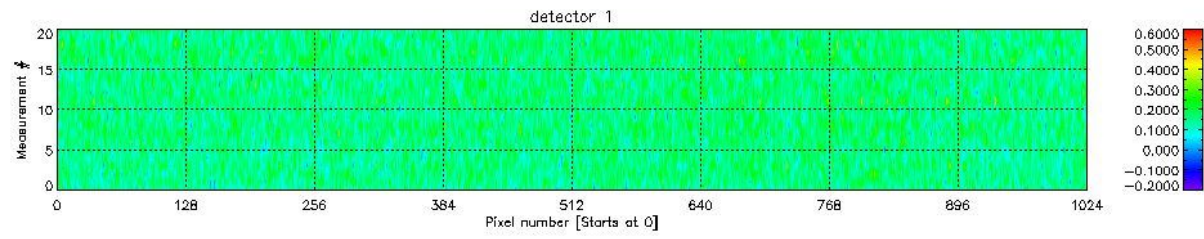
10	24APR2008 12:01:23	1	0.315800
11	24APR2008 13:26:14	1	0.173222
12	24APR2008 13:31:46	1	0.257250
13	24APR2008 15:04:38	1	0.137400
14	24APR2008 15:13:58	1	0.230200
15	24APR2008 15:22:34	1	0.315800
16	24APR2008 16:47:26	1	0.173222
17	24APR2008 16:52:58	1	0.257250
18	24APR2008 18:25:49	1	0.137400
19	24APR2008 18:35:09	1	0.230200
20	24APR2008 18:43:45	1	0.315800

Plots of SCINL1P_NEWLEA_obm_detL_prmd temperatures vs time on 24APR2008.



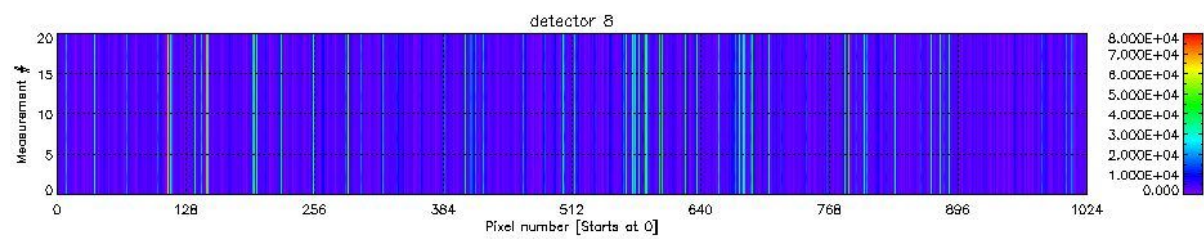
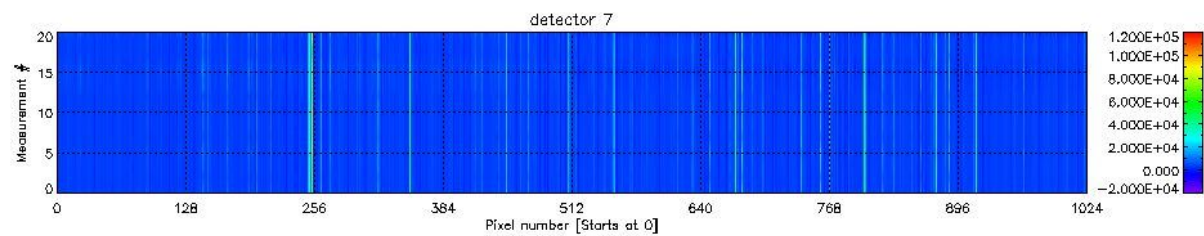
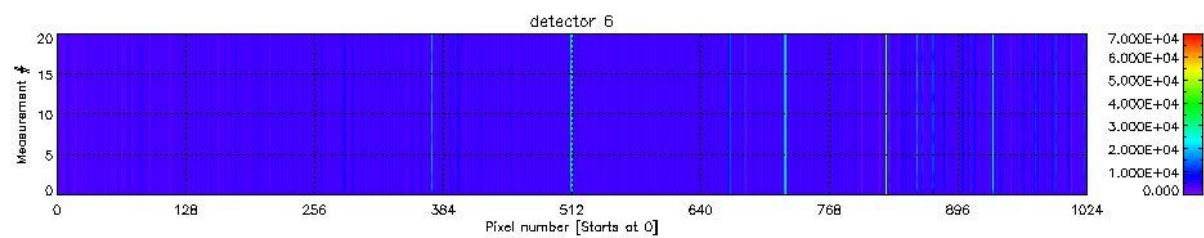
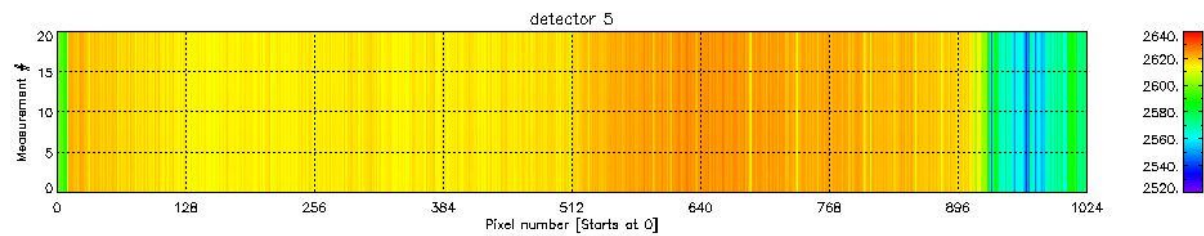
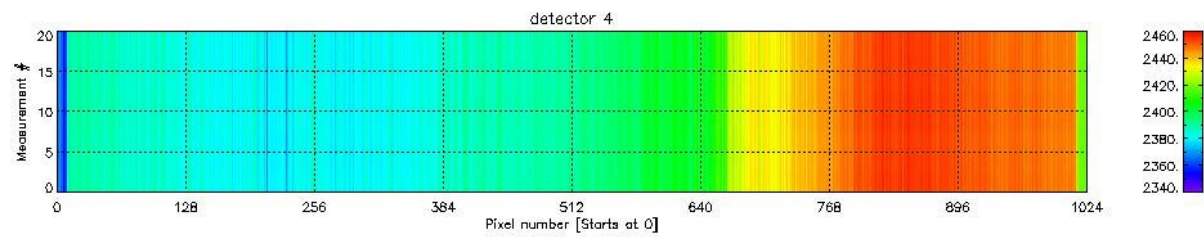
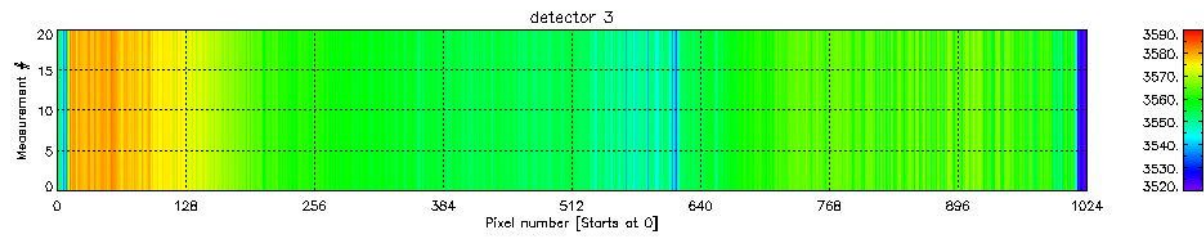
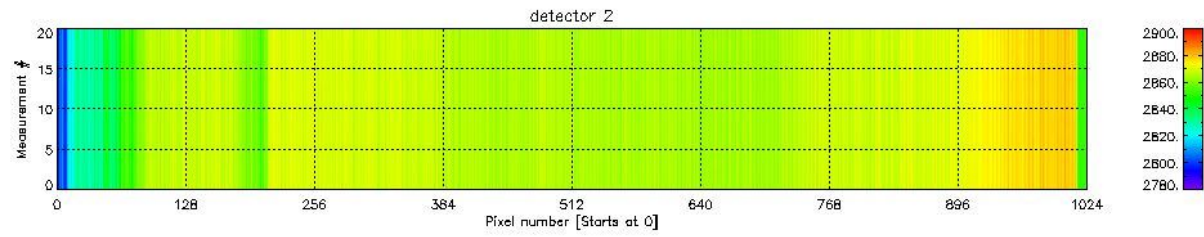
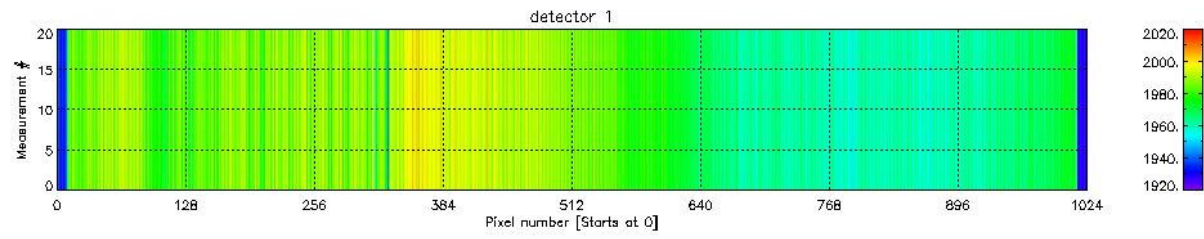
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_18.PNG

Plots of SCINLP_NEWLEA_leak_cur for various detectors on 24APR2008.
Colours indicate the value in BU/s.



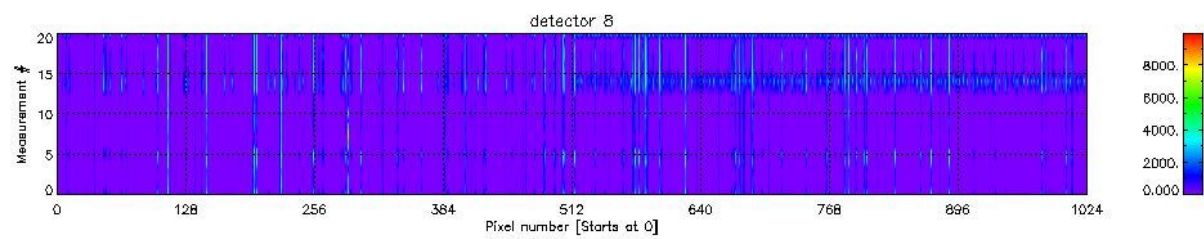
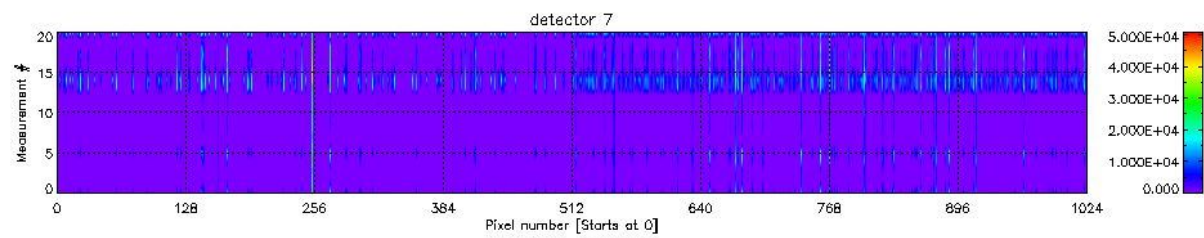
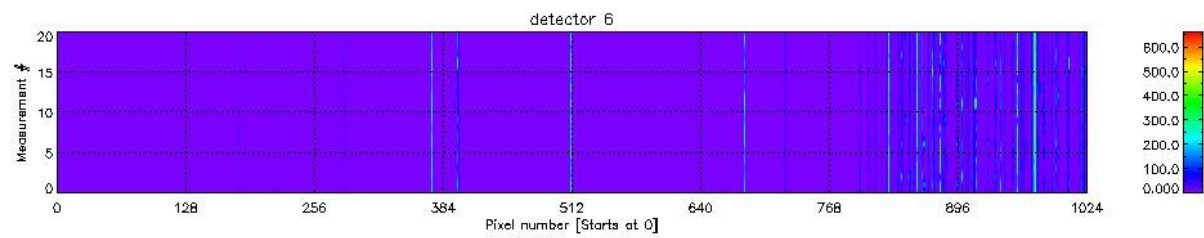
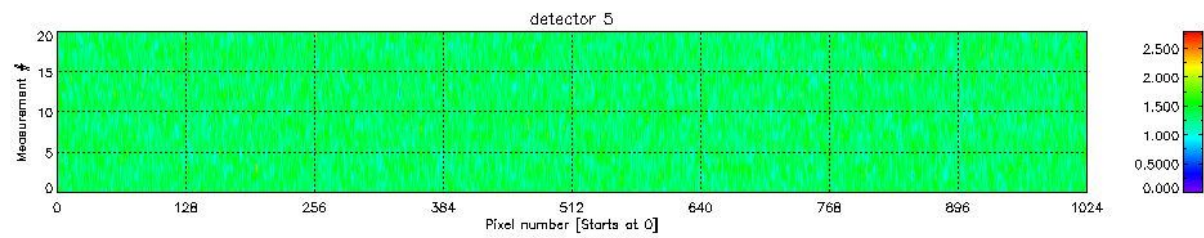
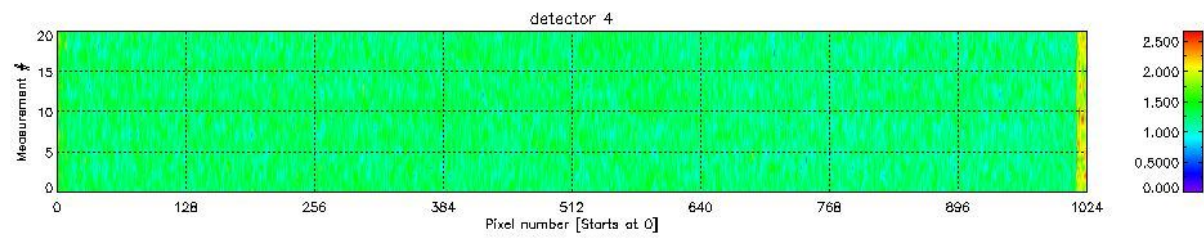
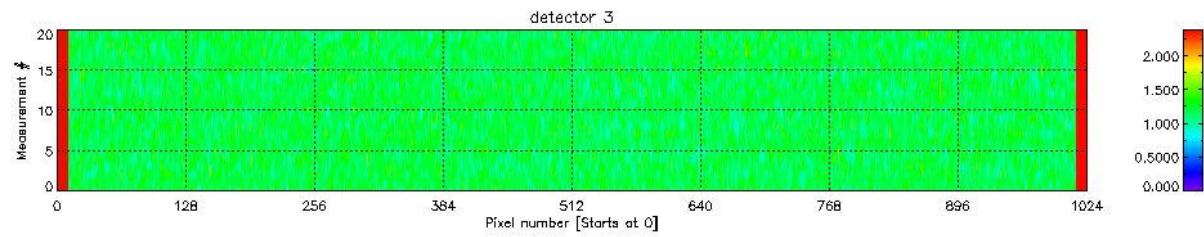
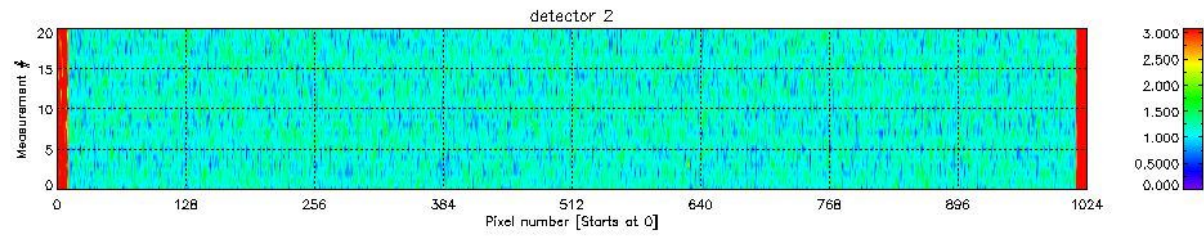
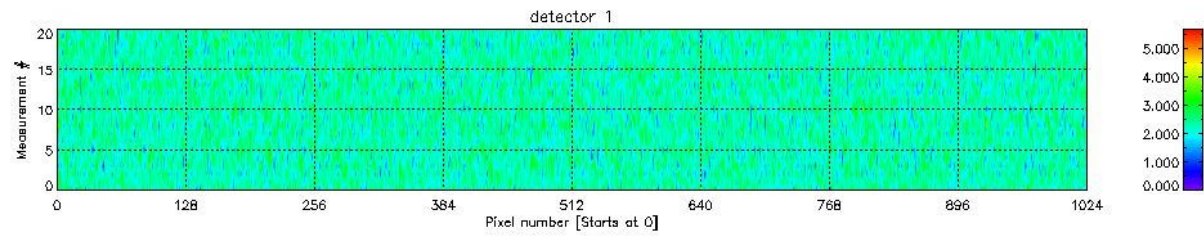
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_19.PNG

Plots of SCINLP_NEWLEA_fpn for various detectors on 24APR2008.
Colours indicate the value in BU.



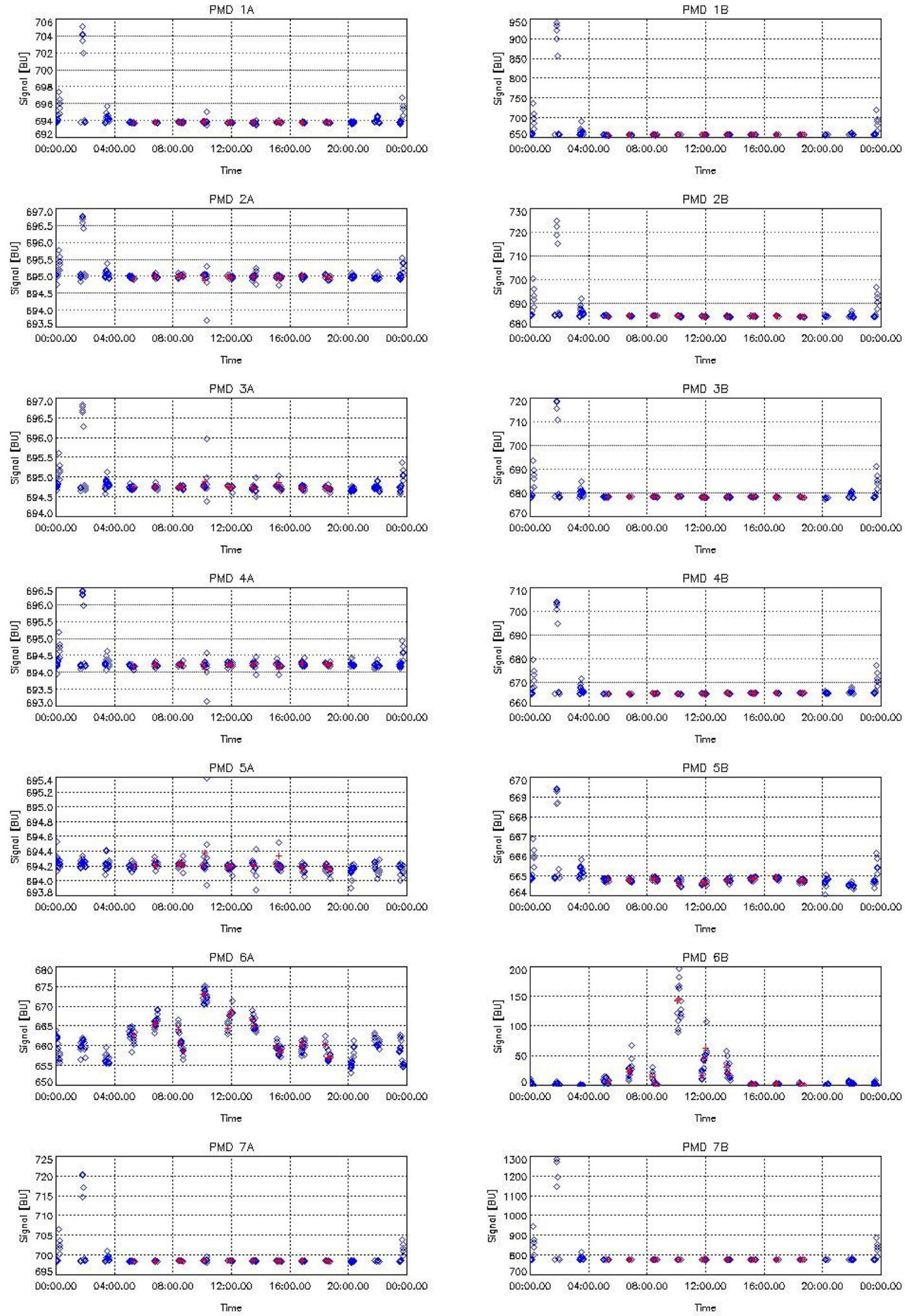
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_20.PNG

Plots of SCINLP_NEWLEA_mean_noise for various detectors on 24APR2008.
Colours indicate the value in BU.



sciamachy_daily_report_level1_SCIA_6_03_N_20080424_21.PNG

Plots of SCINL1P_NEWLEA_pmd_off vs time on 24APR2008 (red).
Dark average pmd data is given in blue for comparison.



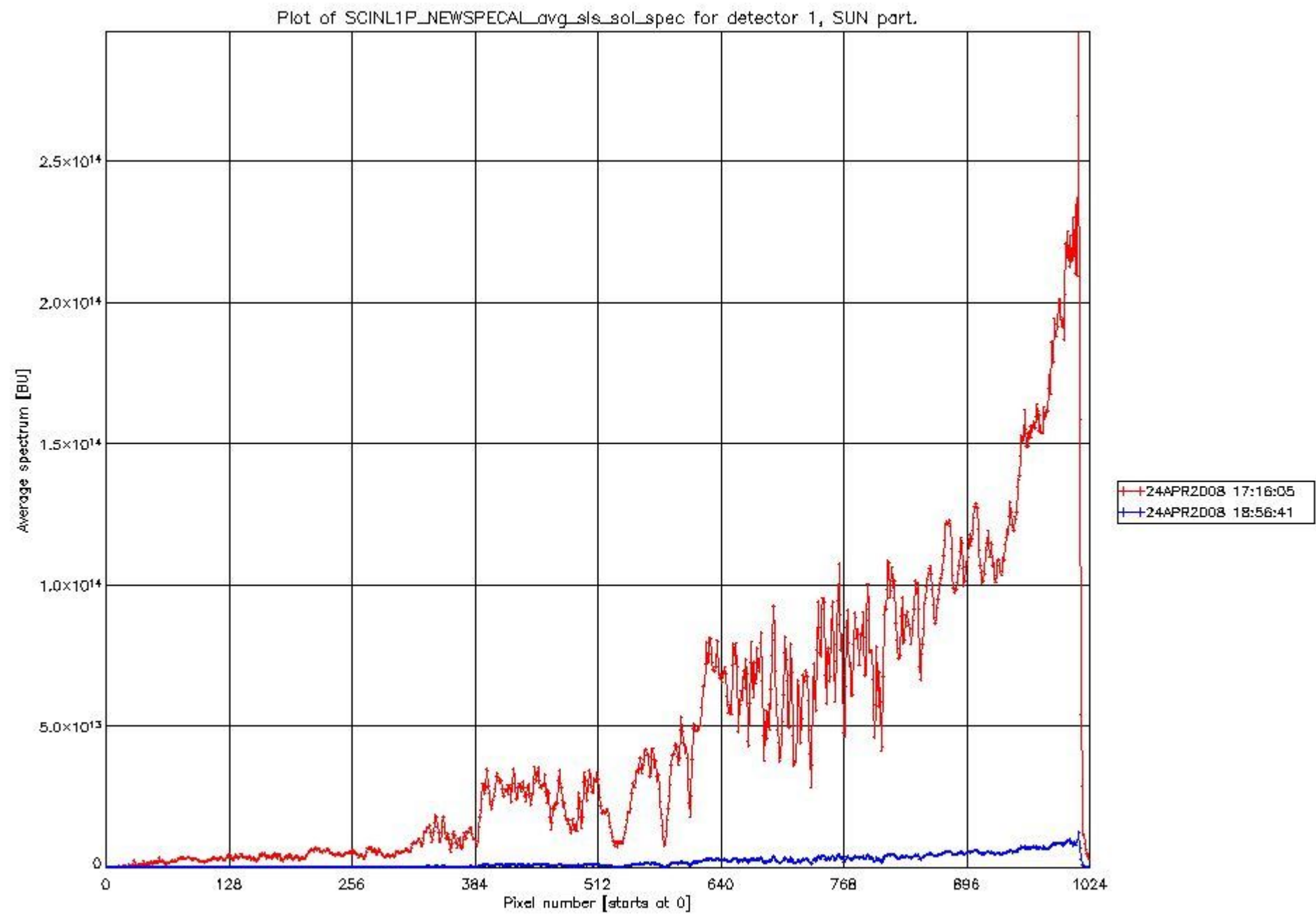
1.2.3 Spectral calibration parameters

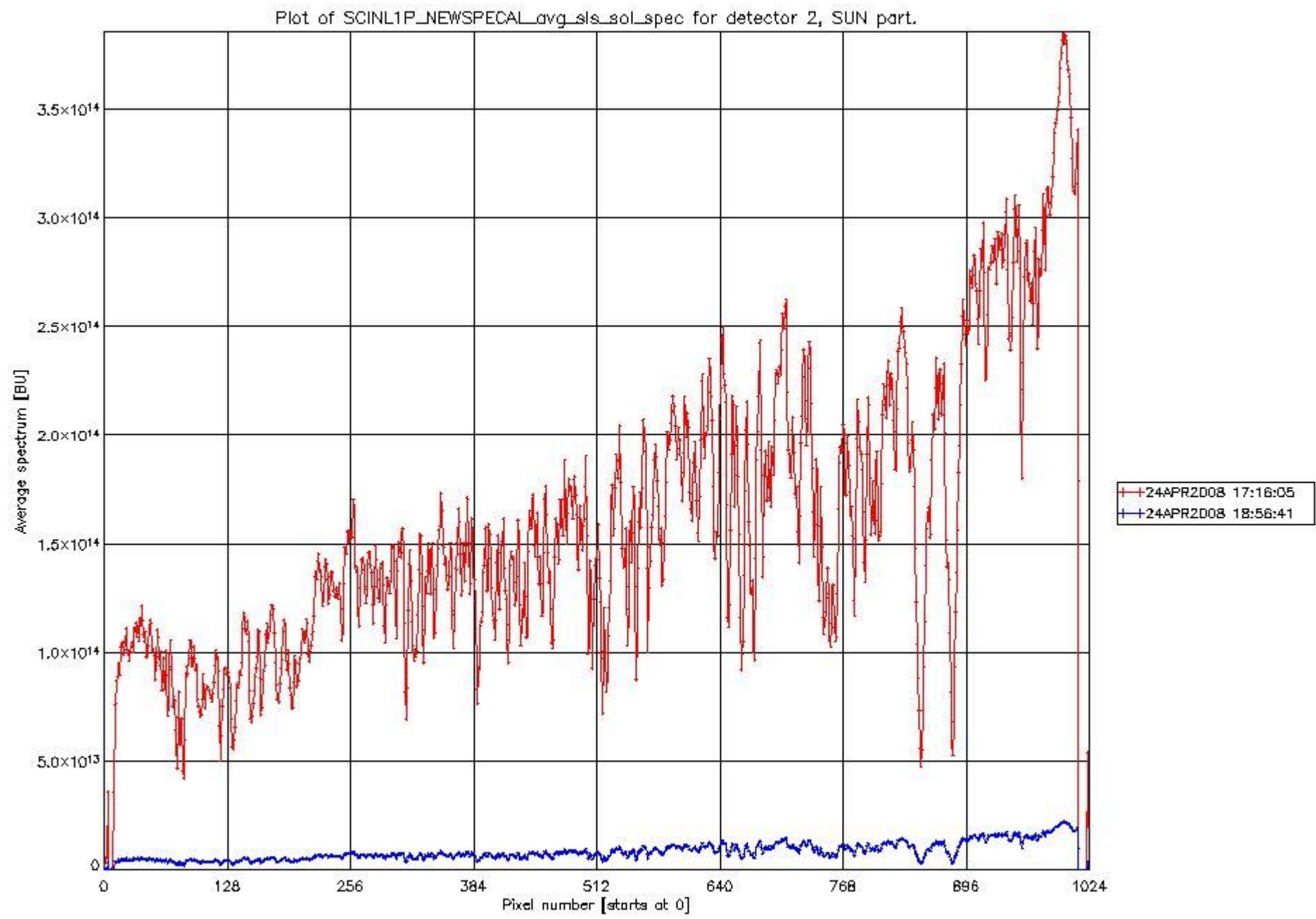
This section lists properties of the new spectral calibrations found within the processing scope.

The following table lists general properties of the spectral calibration.

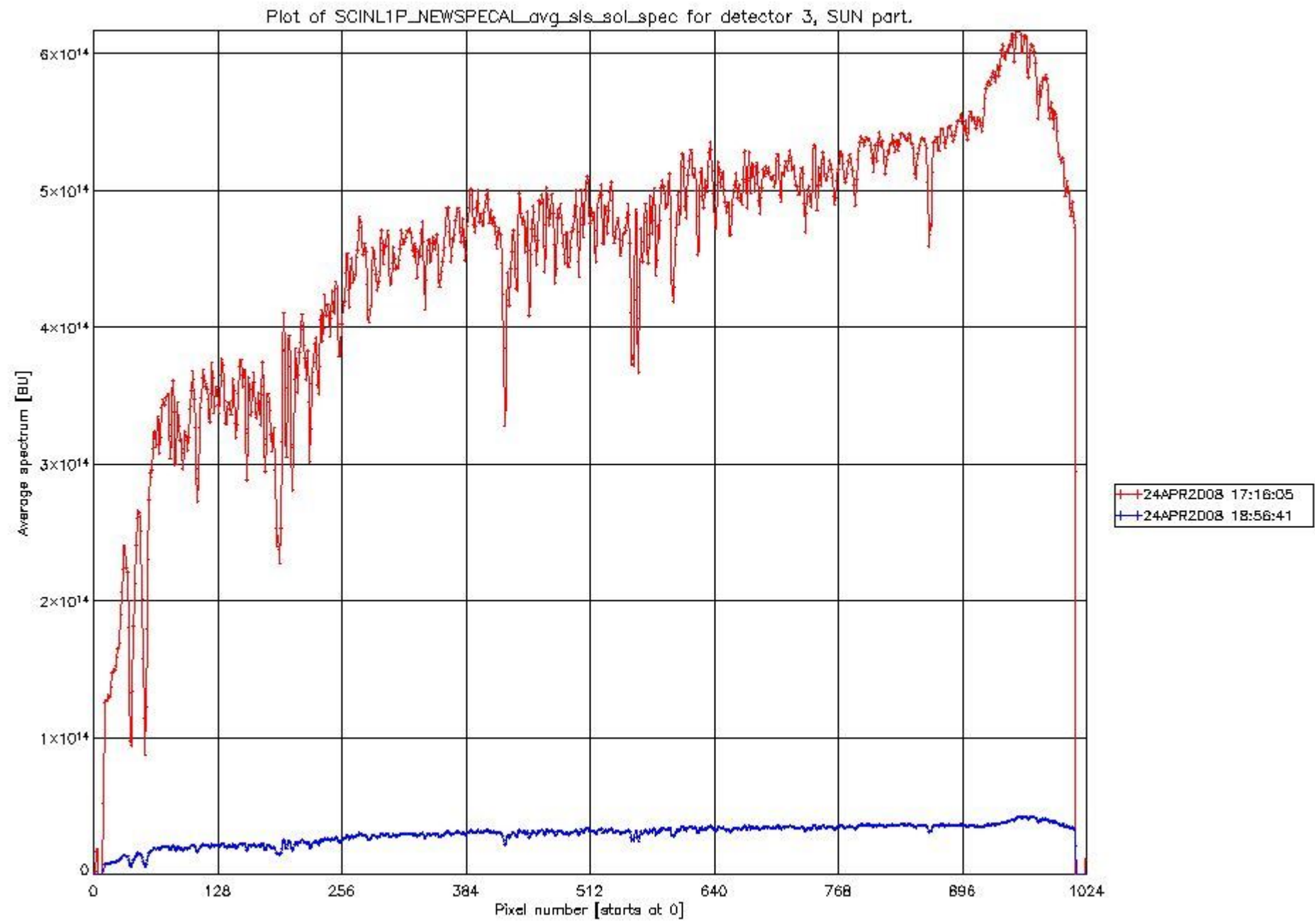
#	dsr_time	attach	orb_phase	source	#lines	cal_error [nm]	coeff[0]	coeff[1]	coeff[2]	coeff[3]	coeff[4]
0	24APR2008 17:16:05	0	0.432000	SUN	3	0.00110397	0.046118792	-5.3219675e-05	1.9767942e-08	0.0000000	0.0000000
				SUN	2	0.00402678	0.026157457	-0.00011874774	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00122815	-0.13751650	-4.8097154e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00328584	-0.18576121	-0.00010440992	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
1	24APR2008 18:56:41	0	0.432000	SUN	3	0.00115690	0.048668016	-5.4069147e-05	2.0773195e-08	0.0000000	0.0000000
				SUN	2	0.00381405	0.026365720	-0.00011246296	0.0000000	0.0000000	0.0000000
				SUN	2	0.00315657	-0.059165519	-0.00012274402	0.0000000	0.0000000	0.0000000
				SUN	2	0.00199894	-0.26413807	9.4301649e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00340857	-0.20035574	-0.00010831247	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

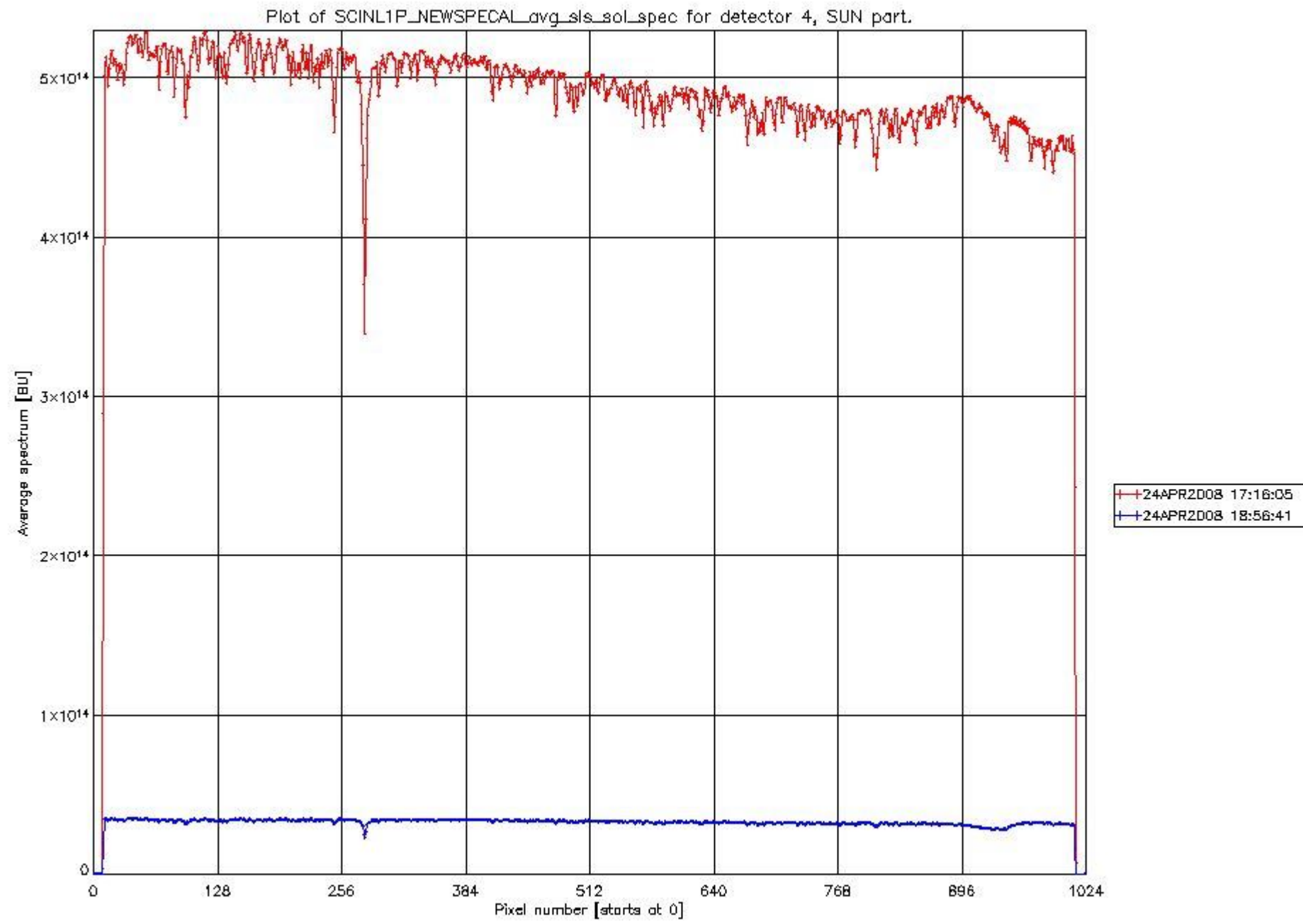
The following figures give an overview of the recorded signal for each detector.

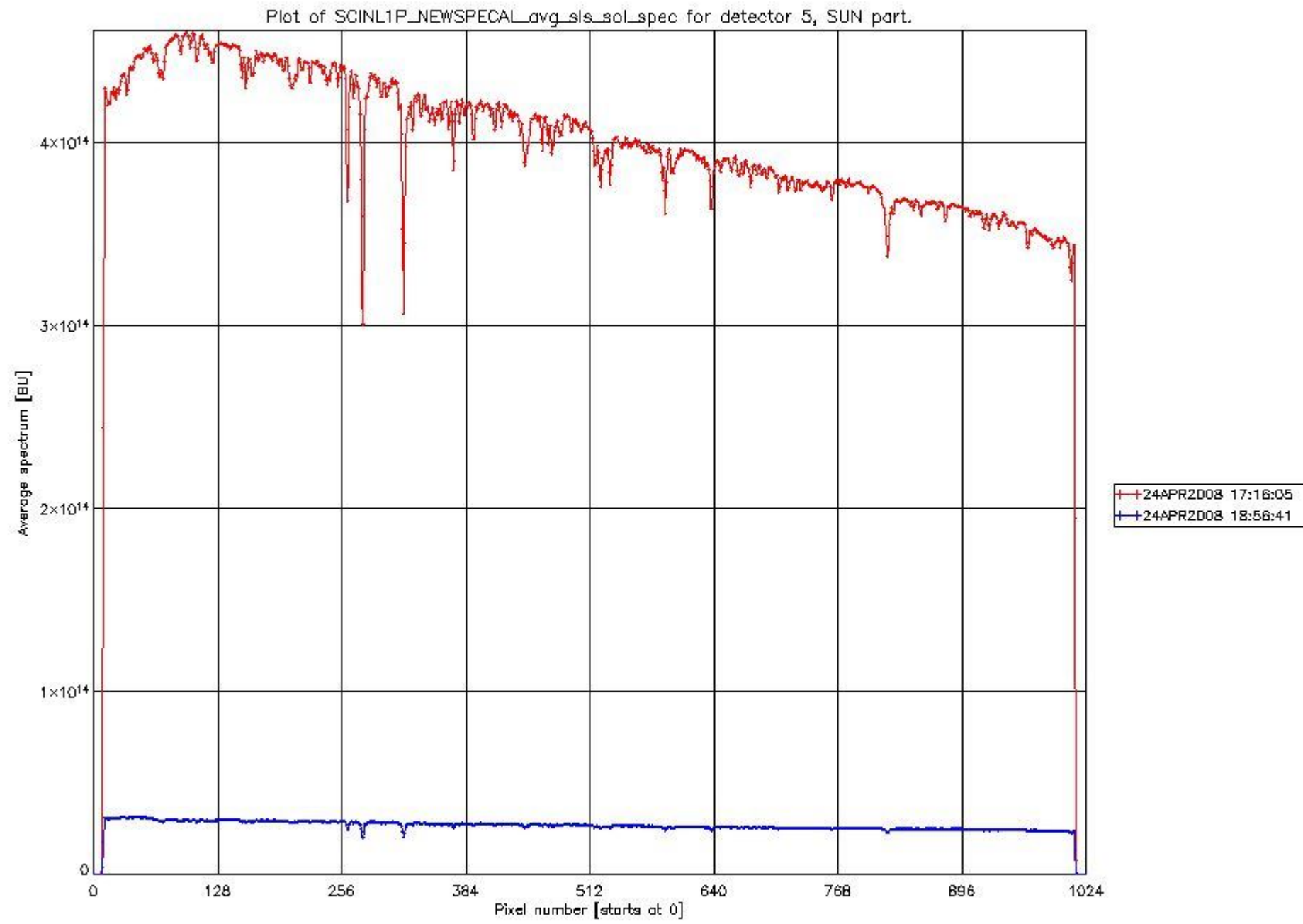




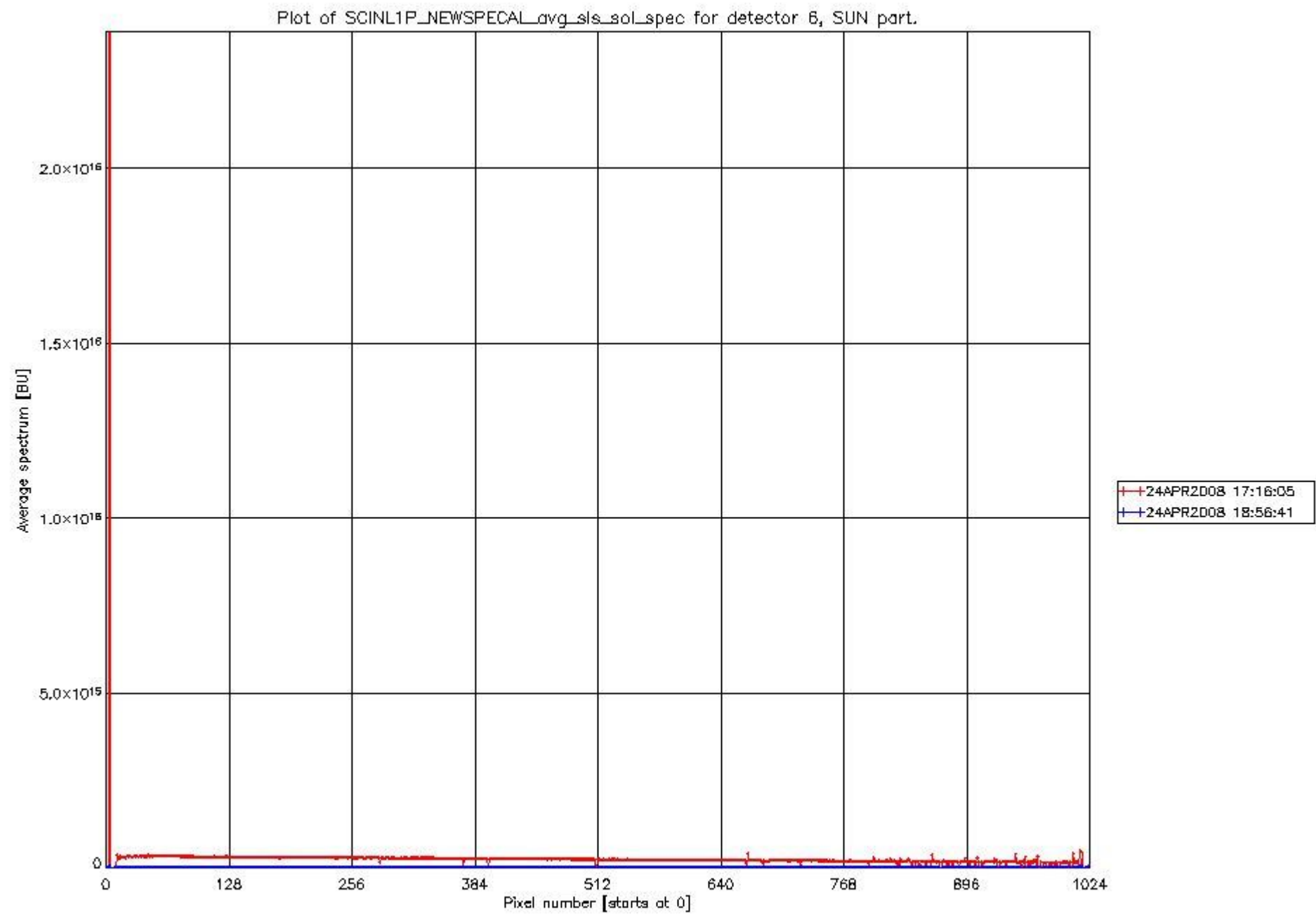
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_24.PNG

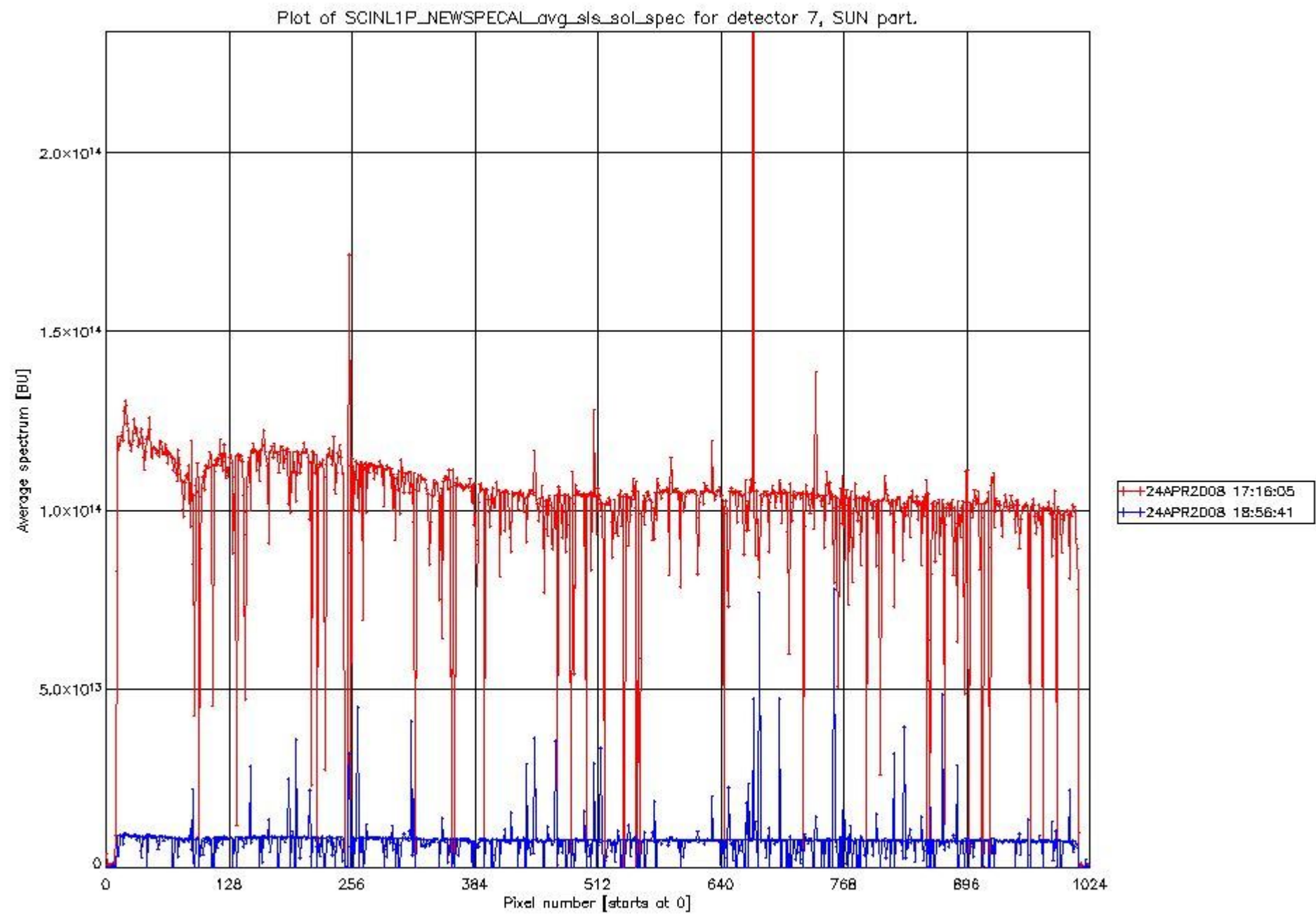




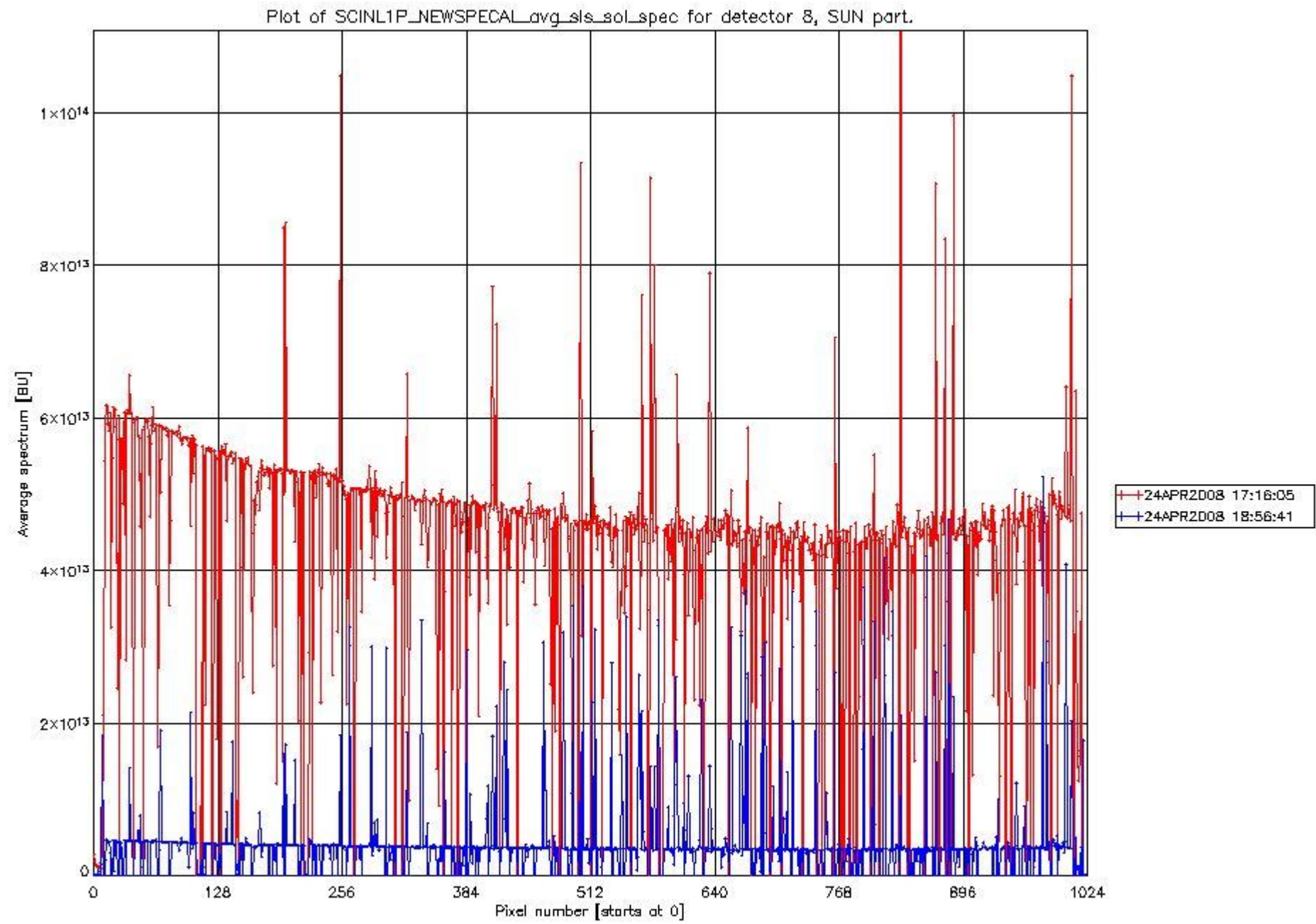


sciamachy_daily_report_level1_SCIA_6_03_N_20080424_27.PNG





sciamachy_daily_report_level1_SCIA_6_03_N_20080424_29.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080424_30.PNG

The following figures give an overview of the spectra near the selected line positions.

1.2.4 New sun reference spectrum parameters

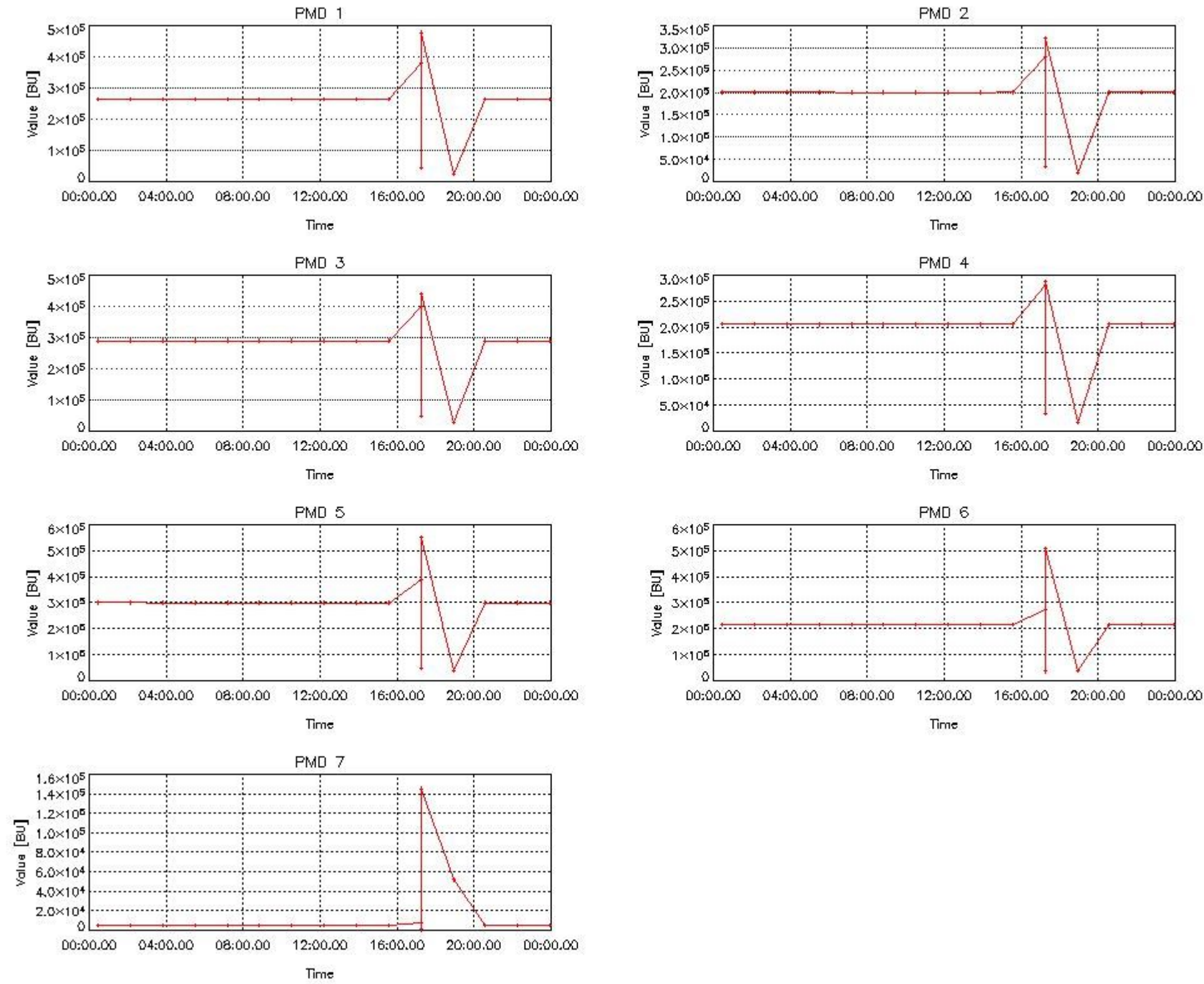
This section lists properties of the new sun reference spectrum data within the processing scope.

The following table shows the new sun reference measurement data characteristics.

#	dsr_time	attach	ID	NDF	az [deg]	el [deg]	solar_el [deg]	Doppler 500nm [nm]
0	24APR2008 00:28:14	0	O 1	1	-31.9315	-11.7252	0.00000	0.0103711
		0	U 1	1	-31.9315	-11.7252	0.00000	0.0103711
1	24APR2008 02:08:50	0	O 1	1	-31.9367	-11.7257	0.00000	0.0103718
		0	U 1	1	-31.9367	-11.7257	0.00000	0.0103718
2	24APR2008 03:49:26	0	O 1	1	-31.9422	-11.7251	0.00000	0.0103730
		0	U 1	1	-31.9422	-11.7251	0.00000	0.0103730

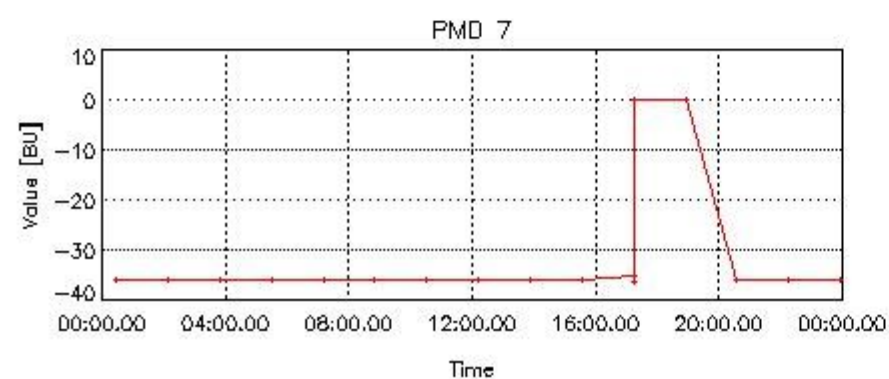
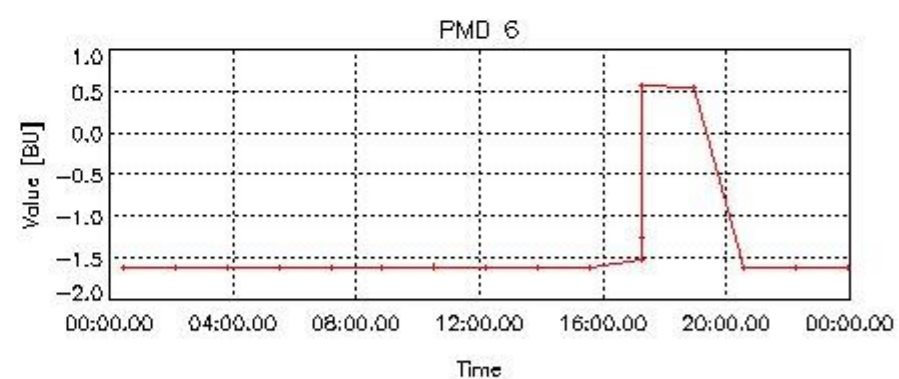
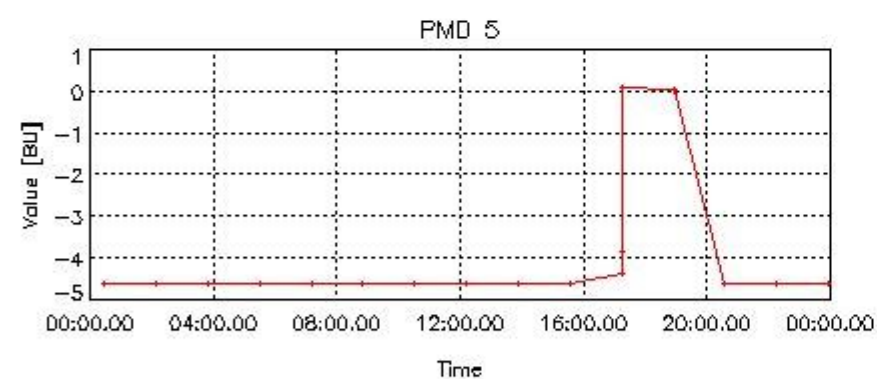
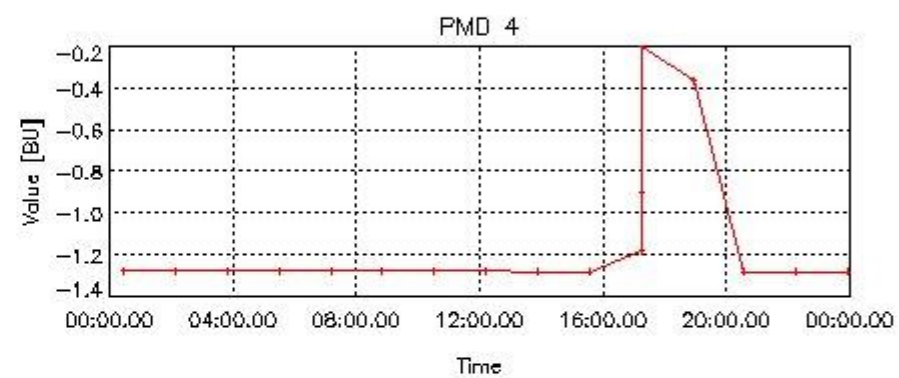
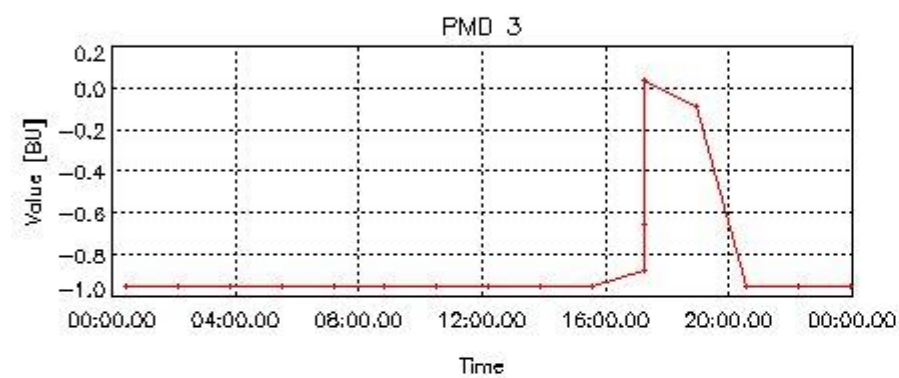
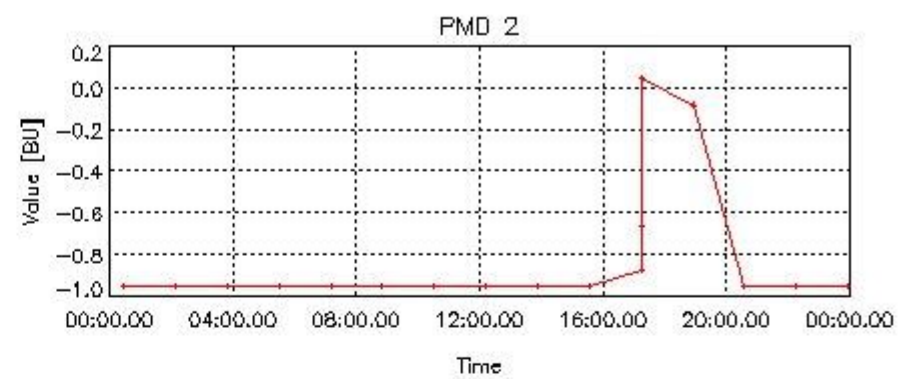
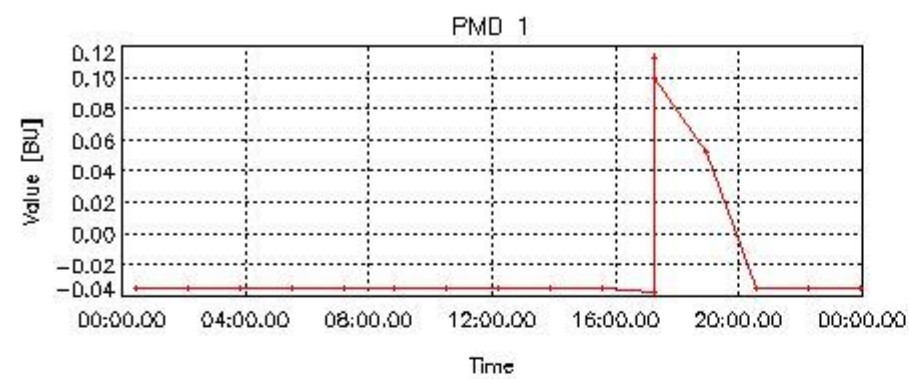
3	24APR2008 05:30:01	0 0	O U	1 1	-31.9485 -31.9485	-11.7238 -11.7238	0.00000 0.00000	0.0103745 0.0103745
4	24APR2008 07:10:37	0 0	O U	1 1	-31.9546 -31.9546	-11.7230 -11.7230	0.00000 0.00000	0.0103758 0.0103758
5	24APR2008 08:51:12	0 0	O U	1 1	-31.9605 -31.9605	-11.7228 -11.7228	0.00000 0.00000	0.0103769 0.0103769
6	24APR2008 10:31:48	0 0	O U	1 1	-31.9664 -31.9664	-11.7229 -11.7229	0.00000 0.00000	0.0103779 0.0103779
7	24APR2008 12:12:23	0 0	O U	1 1	-31.9717 -31.9717	-11.7233 -11.7233	0.00000 0.00000	0.0103787 0.0103787
8	24APR2008 13:52:59	0 0	O U	1 1	-31.9763 -31.9763	-11.7255 -11.7255	0.00000 0.00000	0.0103790 0.0103790
9	24APR2008 15:33:35	0 0	O U	1 1	-31.9816 -31.9816	-11.7278 -11.7278	0.00000 0.00000	0.0103794 0.0103794
10	24APR2008 17:14:10	0 0	O U	1 1	-31.8209 -31.8209	-12.5519 -12.5519	0.00000 0.00000	0.0102181 0.0102181
11	24APR2008 17:15:29	0 0	O U	1 1	-31.8659 -31.8659	-11.9264 -11.9264	0.00000 0.00000	0.0103271 0.0103271
12	24APR2008 17:16:05	0 0	D E	1 1	-32.0964 -32.0964	-15.0000 -15.0000	21.6800 21.6800	0.0105521 0.0105521
13	24APR2008 18:56:41	0 0	D A	0 0	-3.99896 -3.99896	-11.2550 -11.2550	21.6801 21.6801	0.0105532 0.0105532
14	24APR2008 20:35:22	0 0	O U	1 1	-31.9991 -31.9991	-11.7263 -11.7263	0.00000 0.00000	0.0103830 0.0103830
15	24APR2008 22:15:57	0 0	O U	1 1	-32.0055 -32.0055	-11.7261 -11.7261	0.00000 0.00000	0.0103842 0.0103842
16	24APR2008 23:56:33	0 0	O U	1 1	-32.0111 -32.0111	-11.7258 -11.7258	0.00000 0.00000	0.0103852 0.0103852

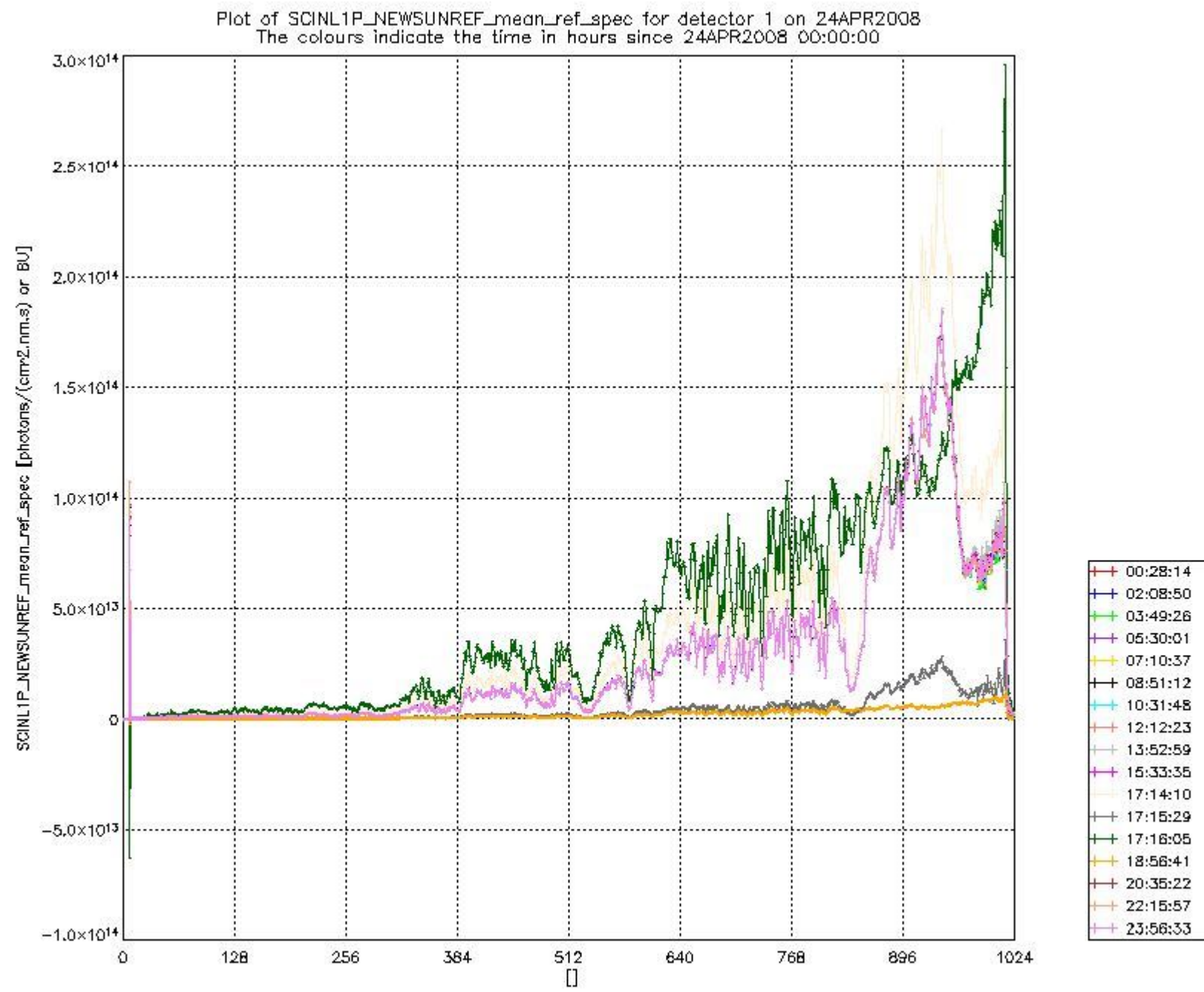
Plot of SCINL1P_NEWSUNREF_mean_pmd versus time

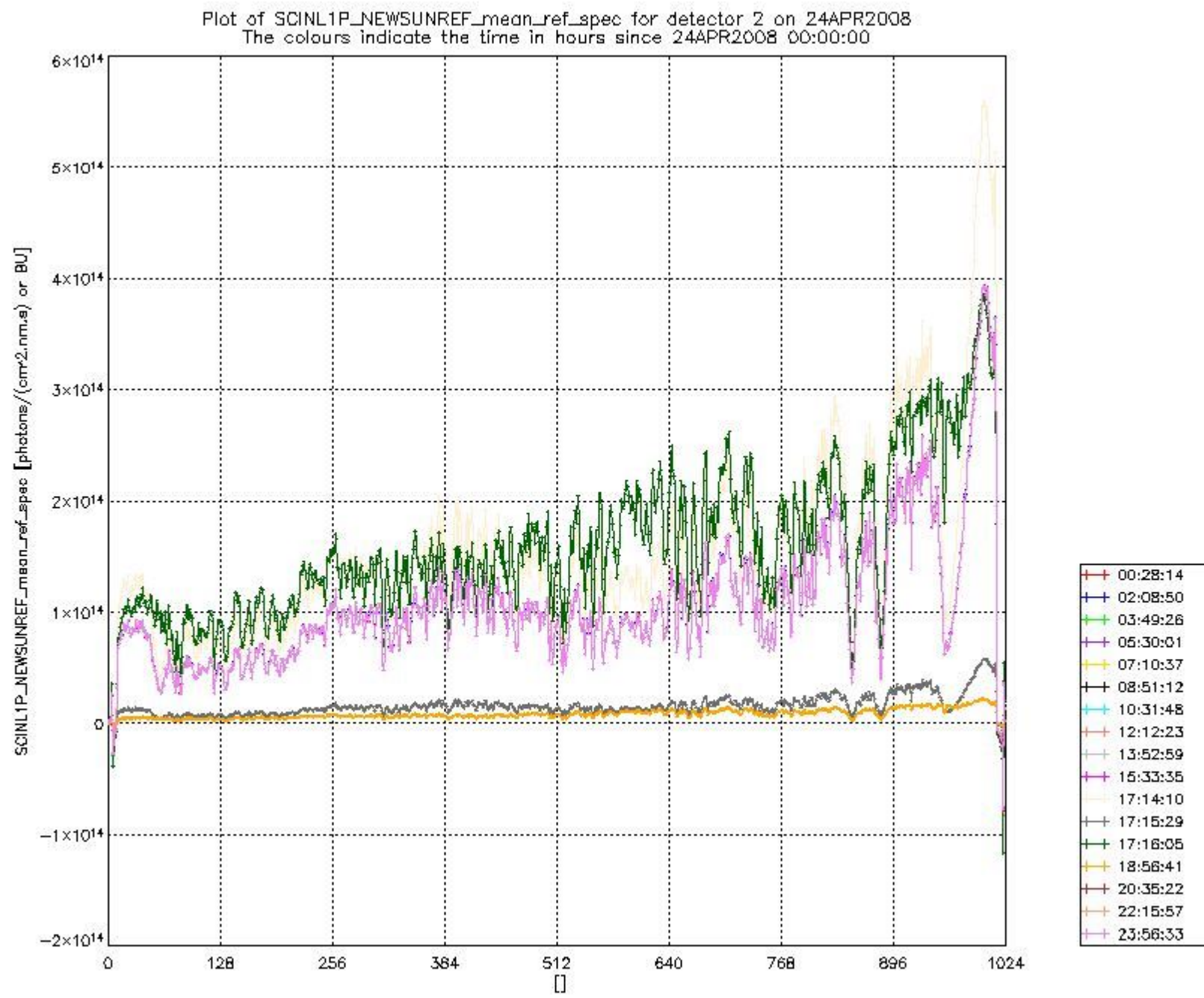


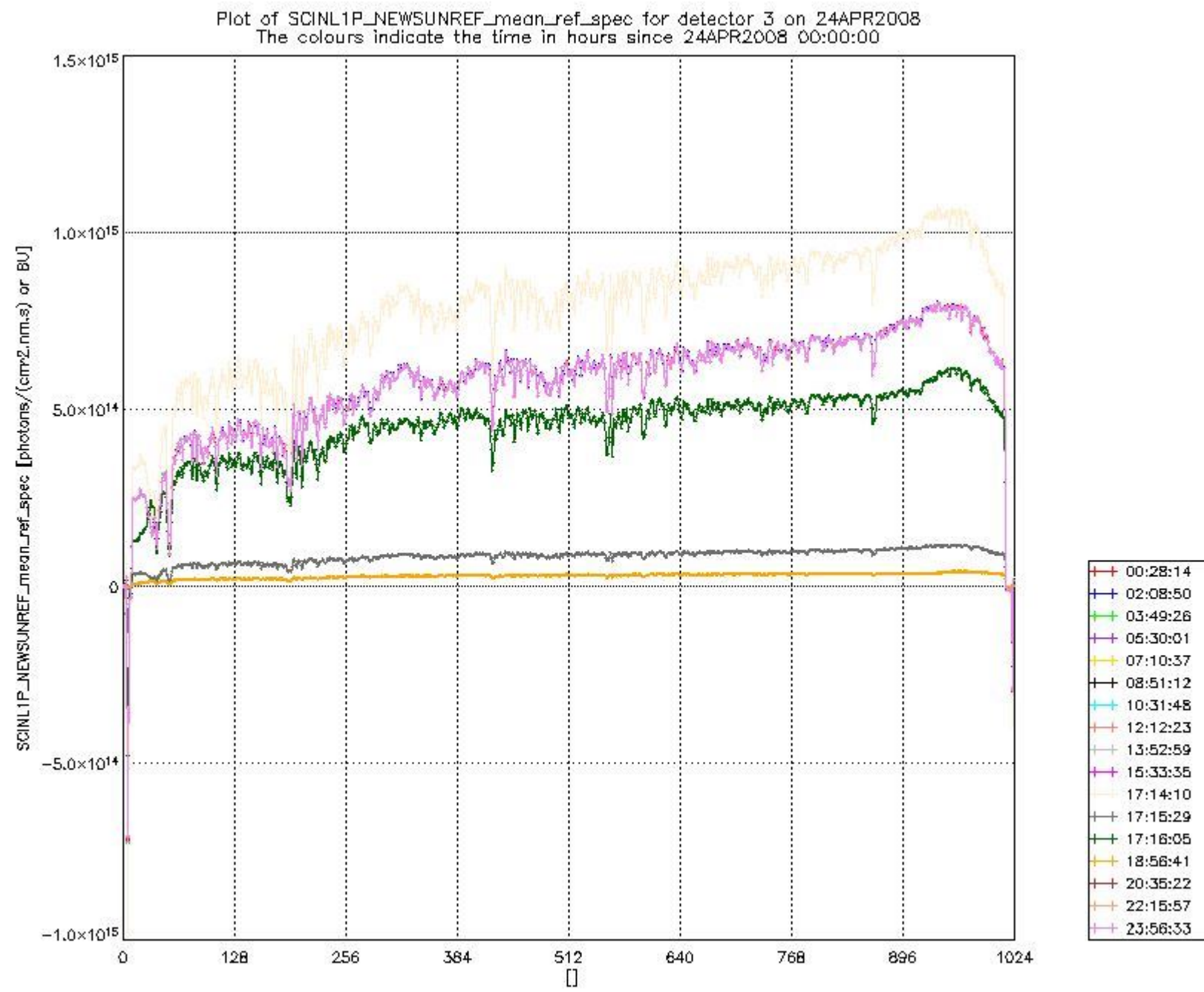
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_31.PNG

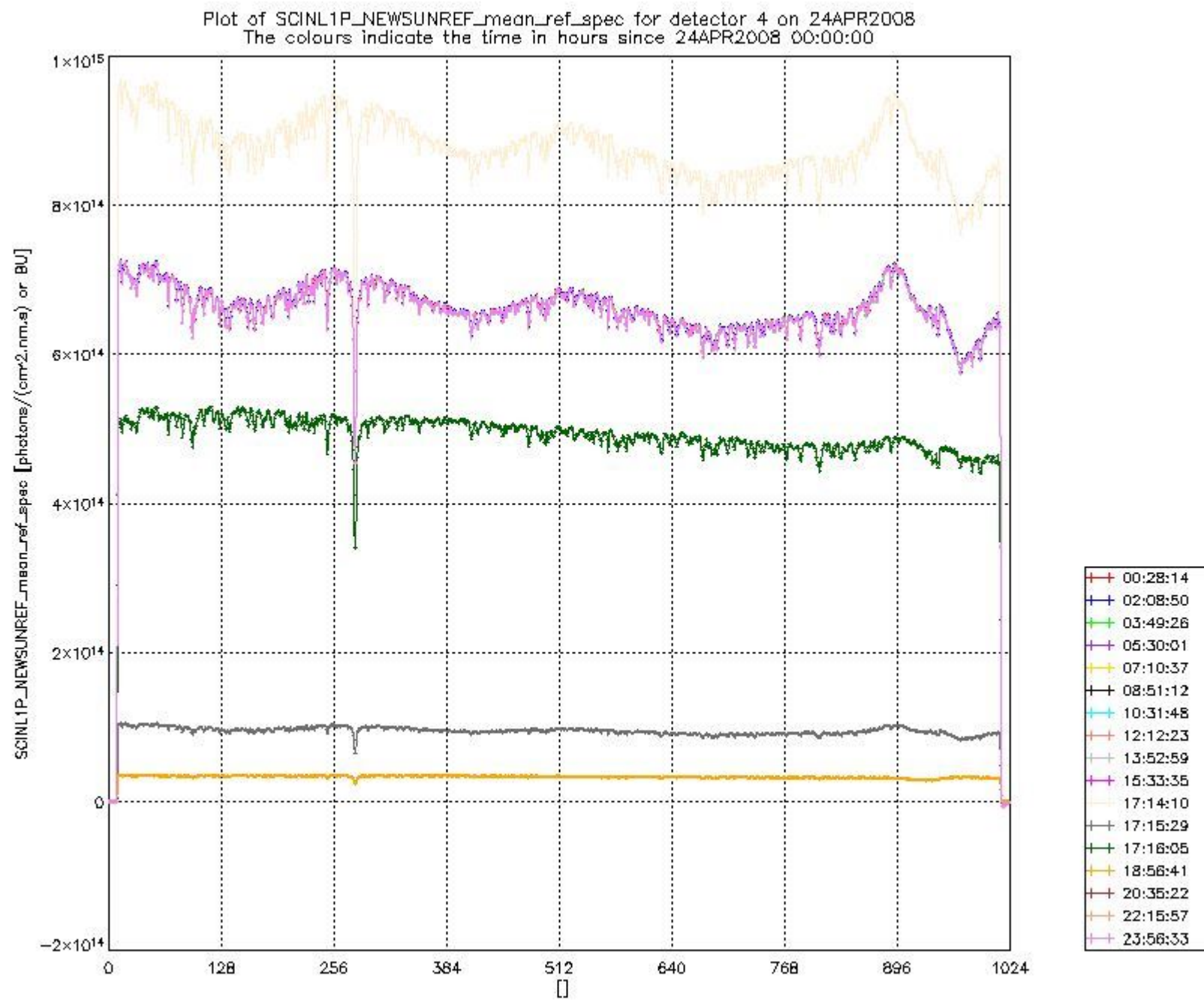
Plot of SCINL1P_NEWSUNREF_pmd_out versus time

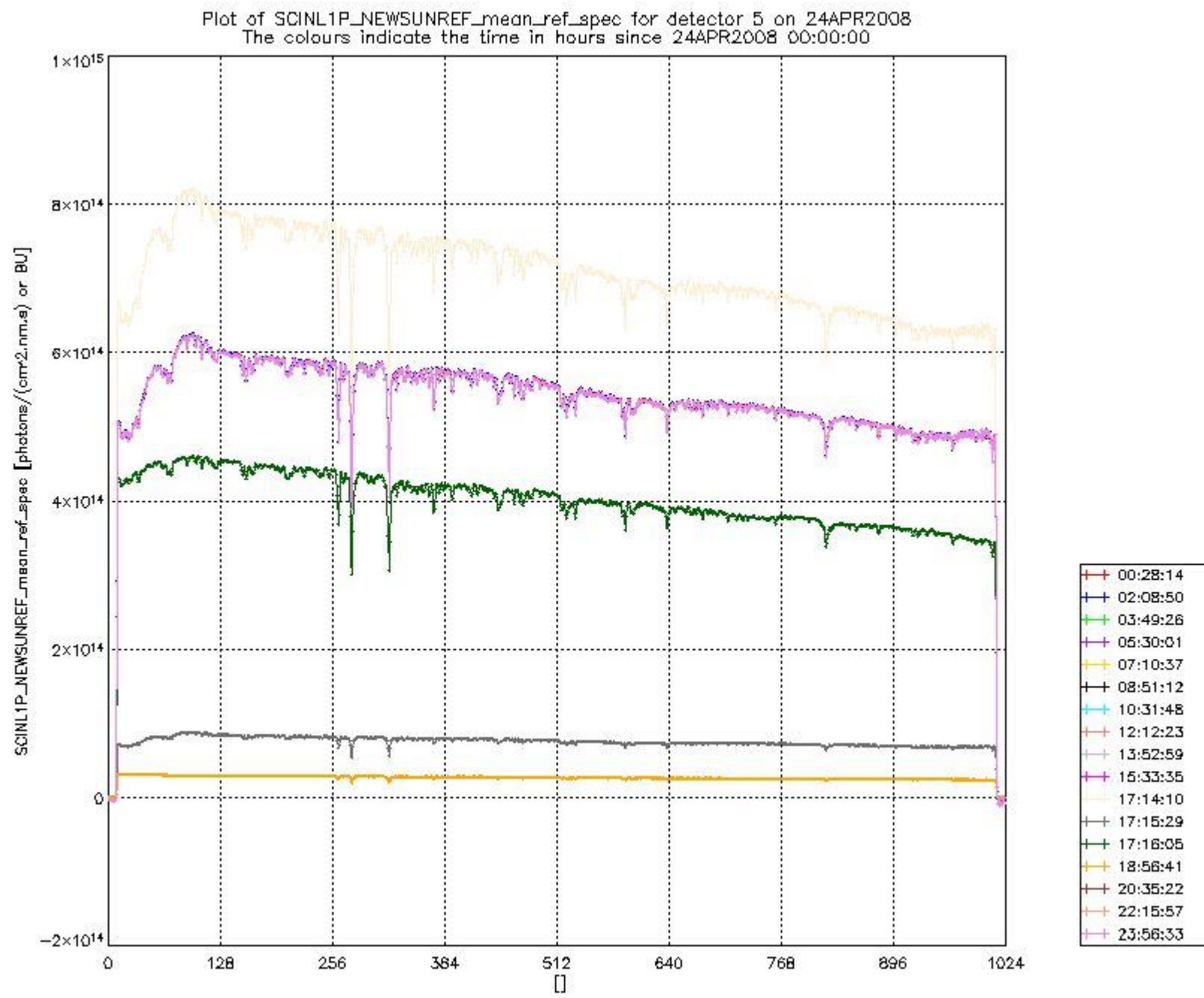


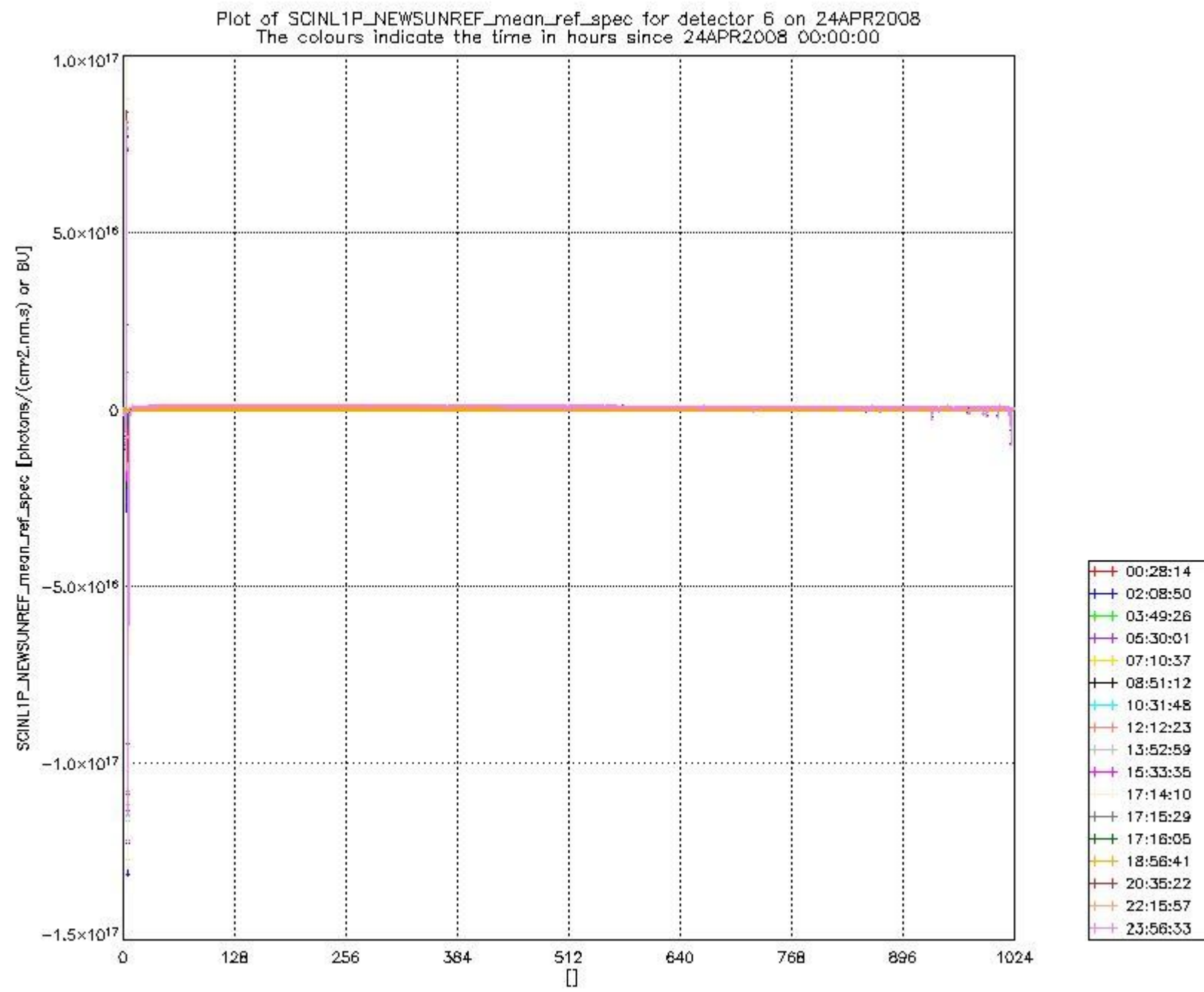


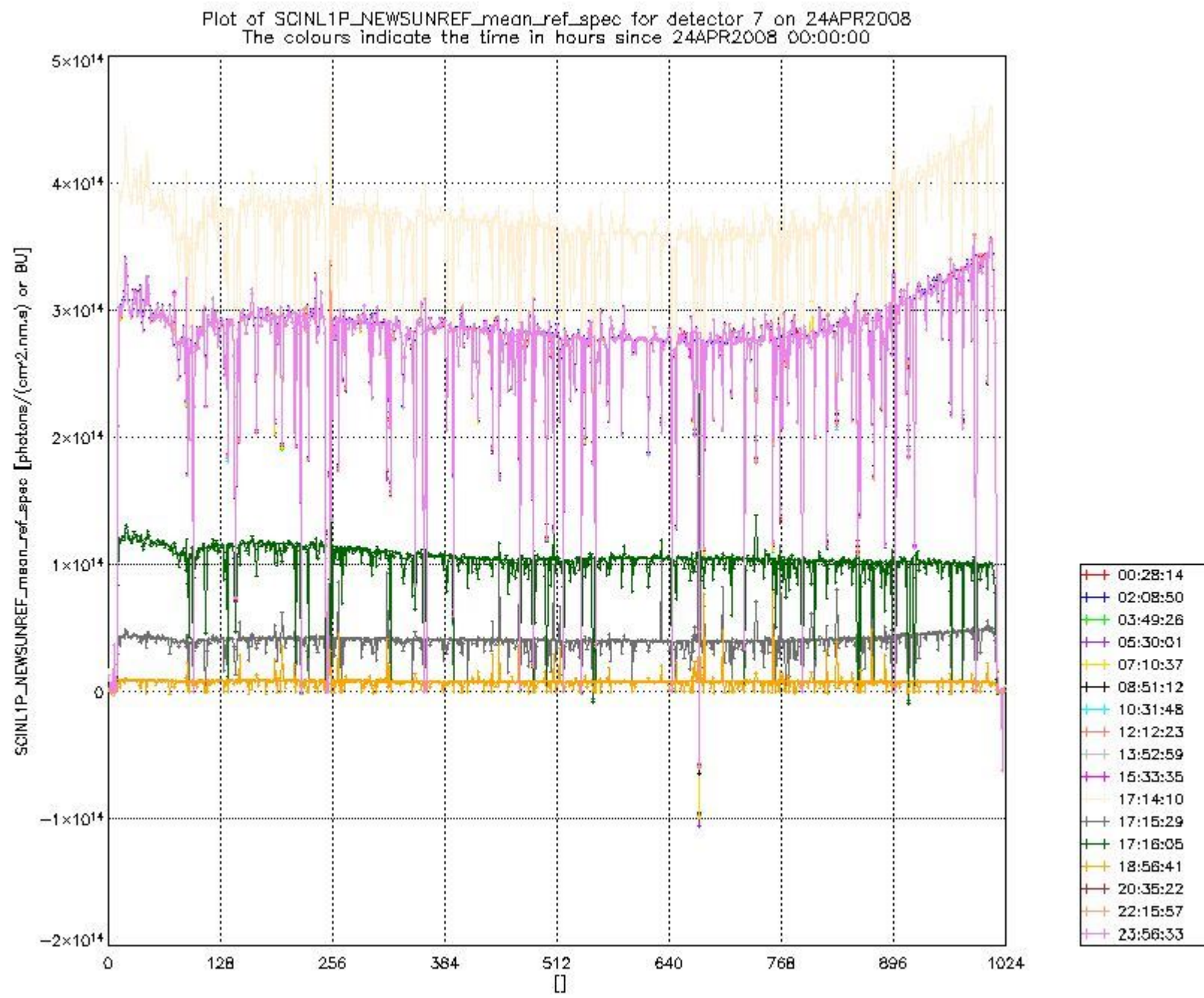


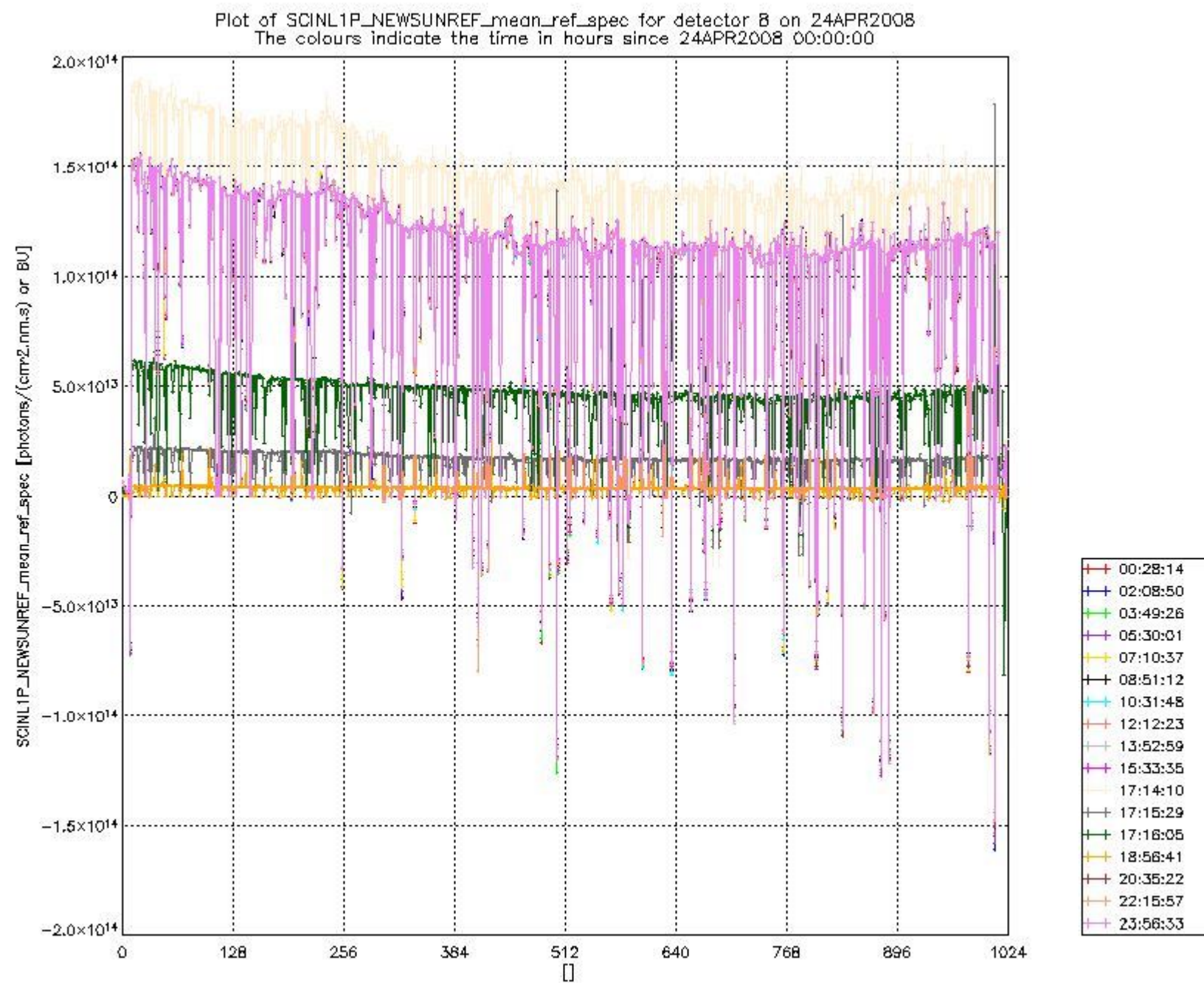




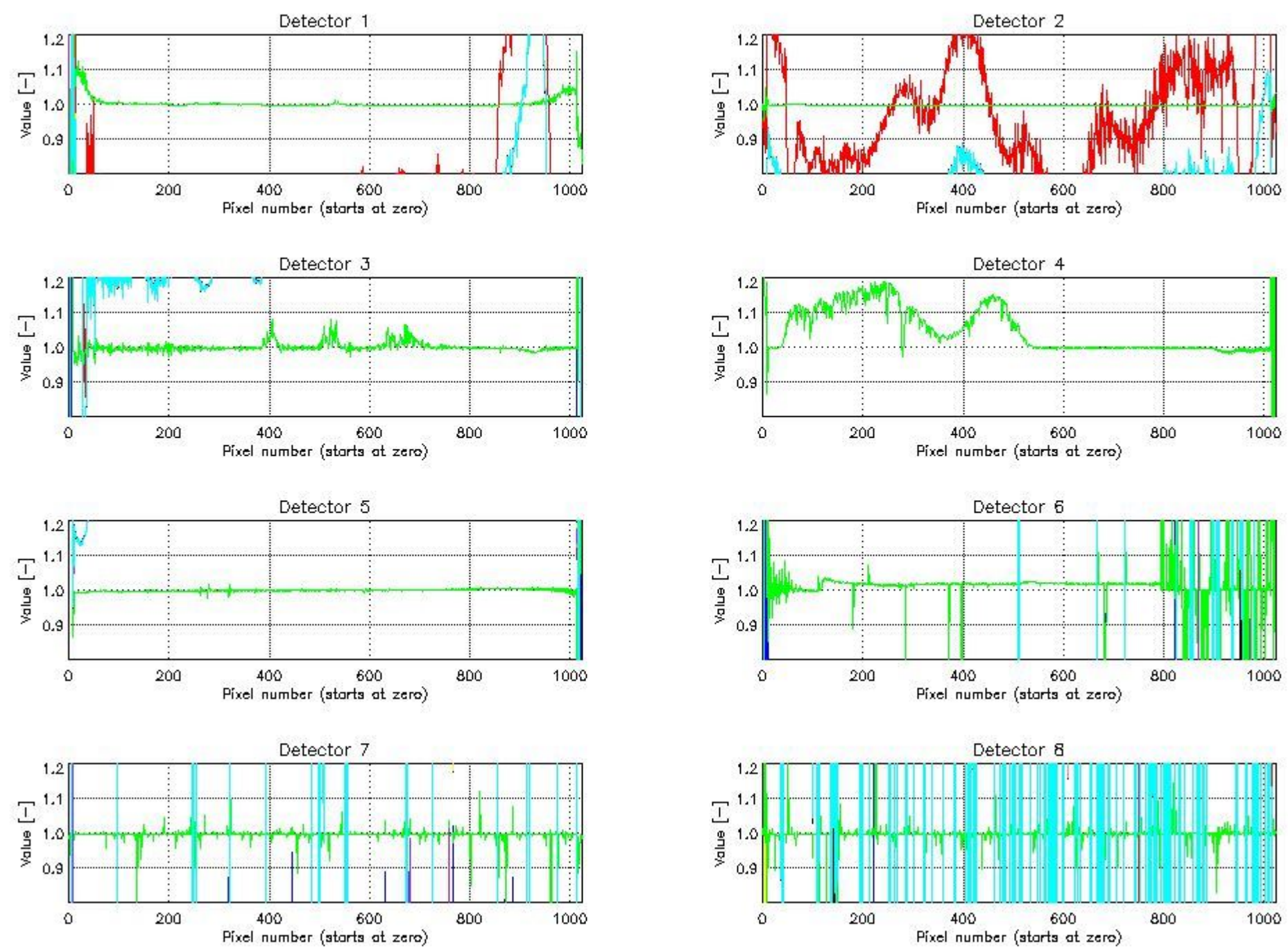








Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCI_SU1_AXMEC20080423_030749_20080419_181633_20080504_195804



sciamachy_daily_report_level1_SCIA_6_03_N_20080424_41.PNG

1.2.5 PPG and Etalon parameters

(No PPG and Etalon data available for this processing scope)

1.3 ADF monitoring

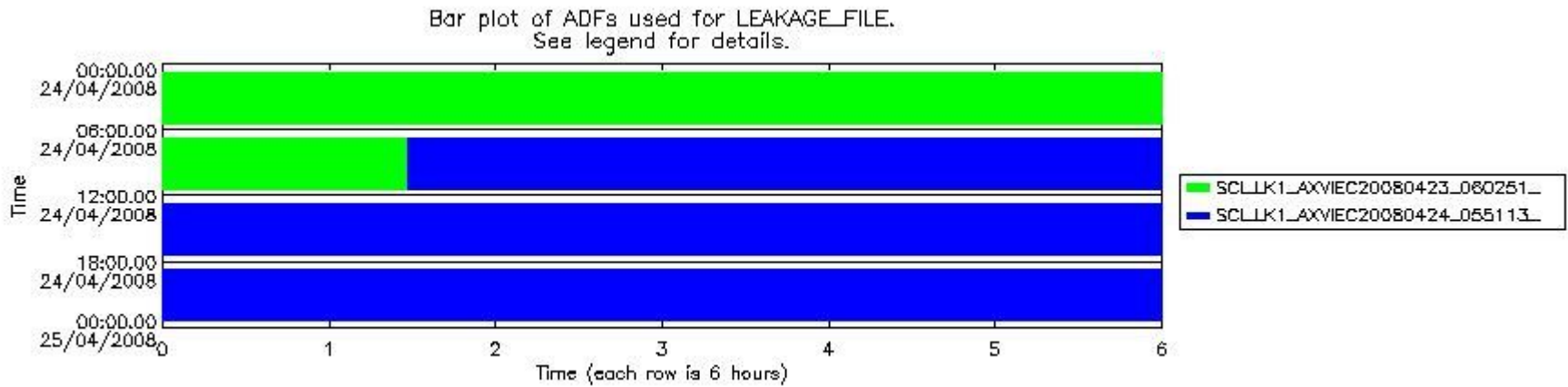
This section shows the (variation in) ADFs used for each of the products. It consists of:

- A table showing which ADFs having a start validity of the current time scope are currently available (if present).
- A table showing which ADFs were used for processing (red values indicate that multiple ADFs of the same type were used)
- Various time line plots, one for each ADF, which show when which ADF was used.

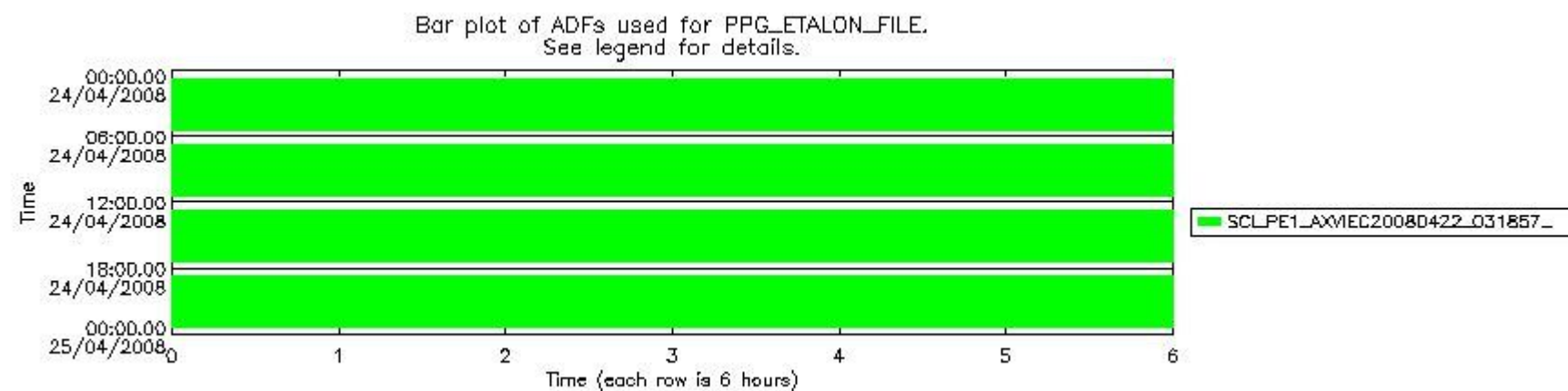
Number	ADF name
--------	----------

0	SCI_LK1_AXVD-P20080424_224800_20080424_061948_20080623_072809
1	SCI_LK1_AXVIEC20080428_082240_20080424_061948_20080623_072809
2	SCI_LK1_AXVD-P20080424_230914_20080424_072809_20080623_090953
3	SCI_LK1_AXVIEC20080428_082256_20080424_072809_20080623_090953
4	SCI_LK1_AXVD-P20080424_233025_20080424_090844_20080623_104920
5	SCI_LK1_AXVIEC20080428_082342_20080424_090844_20080623_104920
6	SCI_LK1_AXVIEC20080429_110813_20080424_104920_20080623_122859
7	SCI_LK1_AXVD-P20080424_235139_20080424_104920_20080623_122859

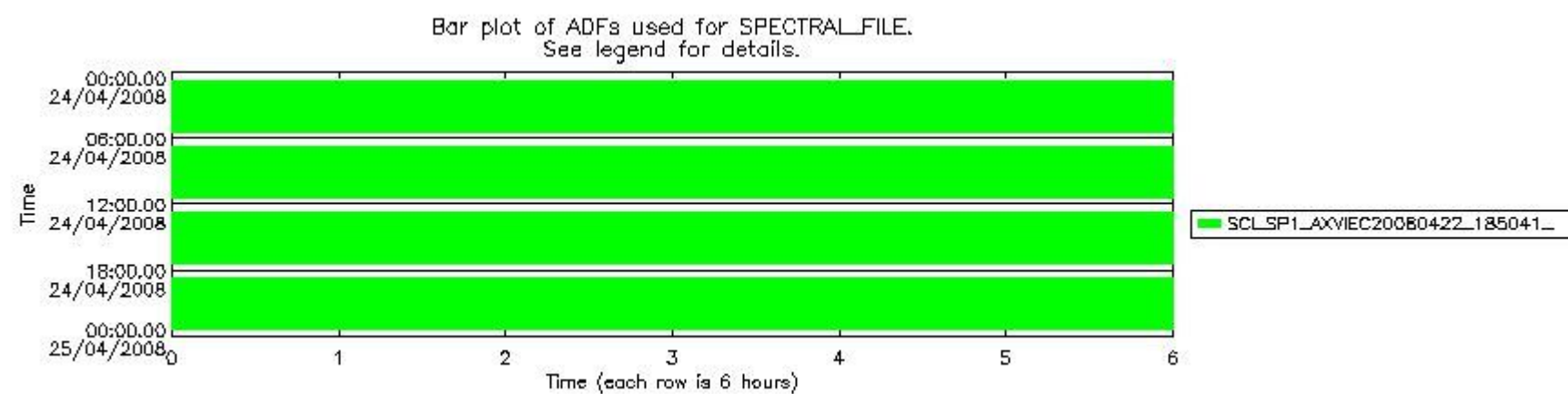
Number	ADF
	LK1 (LEAKAGE_FILE)
0	SCI_LK1_AXVIEC20080423_060251_20080420_125403_20080619_143235
1	SCI_LK1_AXVIEC20080424_055113_20080421_122221_20080620_140257
	PE1 (PPG_ETALON_FILE)
2	SCI_PE1_AXVIEC20080422_031857_20080418_170835_20990101_000000
	SP1 (SPECTRAL_FILE)
3	SCI_SP1_AXVIEC20080422_185041_20080418_184925_20080717_202947
	SU1 (SUN_REF_FILE)
4	SCI_SU1_AXVIEC20080423_030749_20080419_181633_20080504_195804
5	SCI_SU1_AXVIEC20080424_030330_20080420_174642_20080505_192718
	KD1 (KEY_DATA_FILE)
6	SCI_KD1_AXVIEC20060523_182626_20020301_000000_20991231_235959
	MF1 (M_FACTOR_FILE)
7	SCI_MF1_AXVIEC20020809_094925_20020206_173831_20991231_235959
	LI1 (INIT_FILE)
8	SCI_LI1_AXVIEC20070628_134108_20020701_000000_20991231_235959
	FRO (ORBIT_FILE)
9	DOR_NAV_0PNPDE20080423_210908_000038262068_00029_32147_5392.N1
10	DOR_NAV_0PNPDE20080423_221812_000060572068_00029_32147_5393.N1
11	DOR_NAV_0PNPDE20080424_000428_000054192068_00030_32148_5394.N1
12	DOR_NAV_0PNPDE20080424_014006_000041442068_00031_32149_5395.N1
13	DOR_NAV_0PNPDE20080424_025429_000057382068_00032_32150_5396.N1
14	DOR_NAV_0PNPDE20080424_043526_000057382068_00033_32151_5397.N1
15	DOR_NAV_0PNPDE20080424_203707_000038262068_00043_32161_5398.N1
16	DOR_NAV_0PNPDE20080424_214612_000060572068_00043_32161_5399.N1
17	DOR_NAV_0PNPDK20080424_061623_000038252068_00034_32152_6682.N1
18	DOR_NAV_0PNPDK20080424_072527_000057382068_00035_32153_6683.N1
19	DOR_NAV_0PNPDK20080424_104721_000057382068_00037_32155_6685.N1
20	DOR_NAV_0PNPDK20080424_122819_000054192068_00038_32156_6686.N1
21	DOR_NAV_0PNPDK20080424_140357_000054192068_00039_32157_6687.N1
22	DOR_NAV_0PNPDK20080424_153935_000057382068_00040_32158_6688.N1
23	DOR_NAV_0PNPDK20080424_172032_000054192068_00041_32159_6689.N1
	ATT (ATTITUDE_FILE)
24	NOT USED



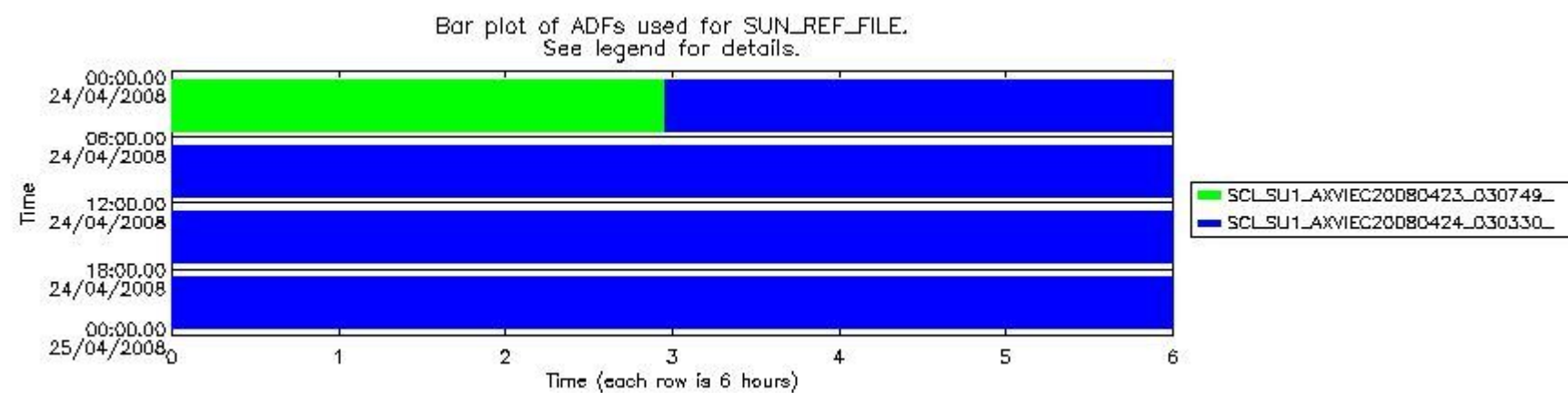
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_42.PNG



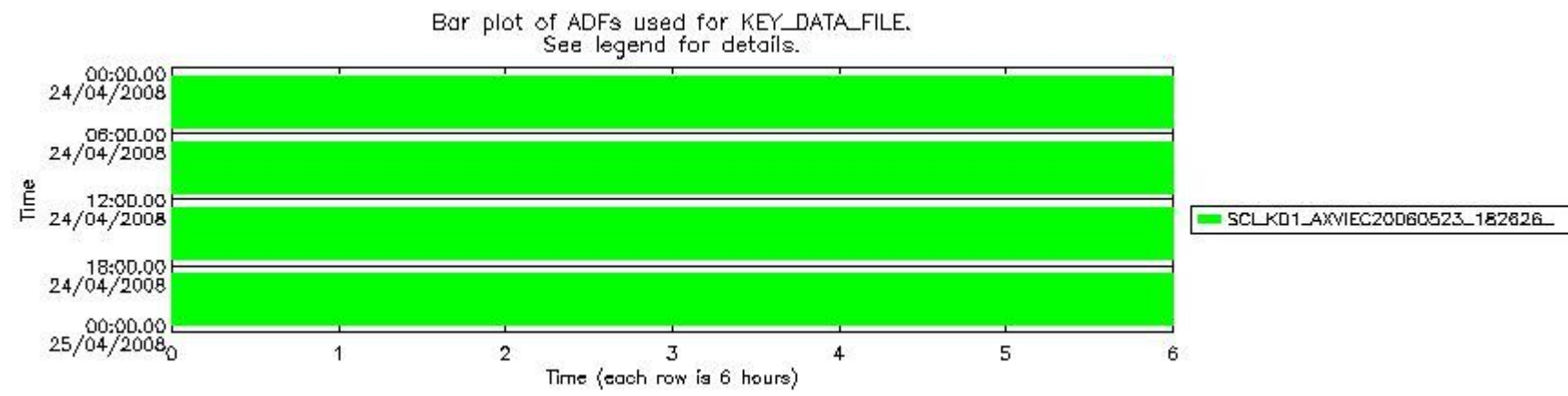
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_43.PNG



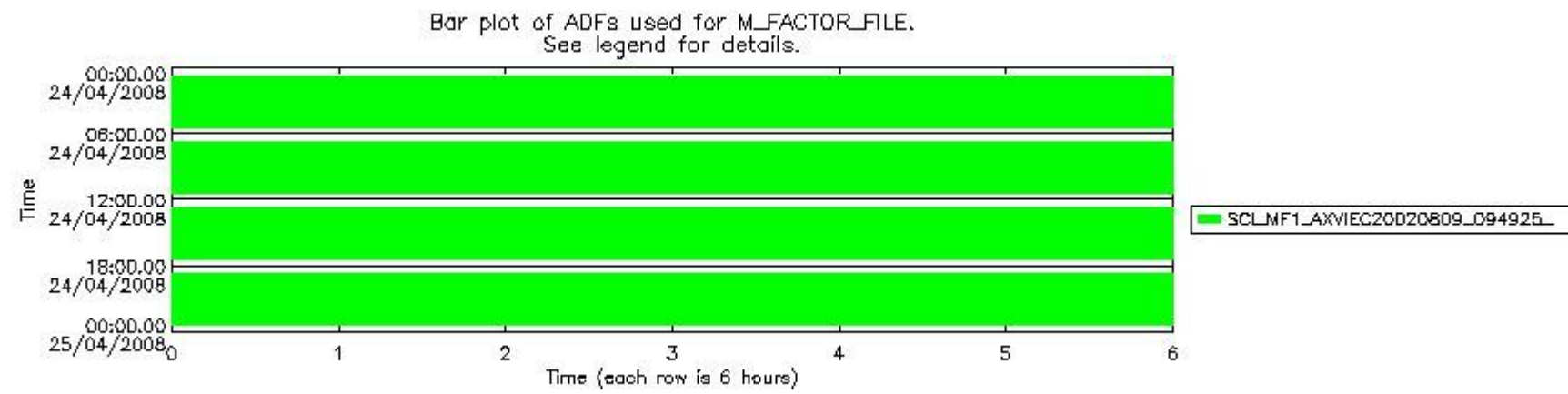
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_44.PNG



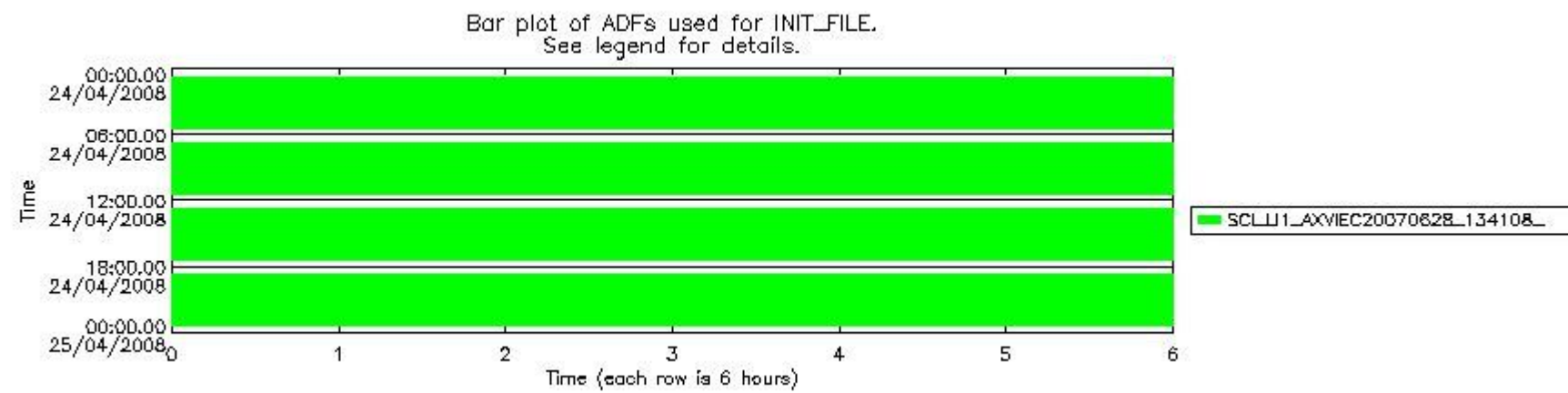
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_45.PNG



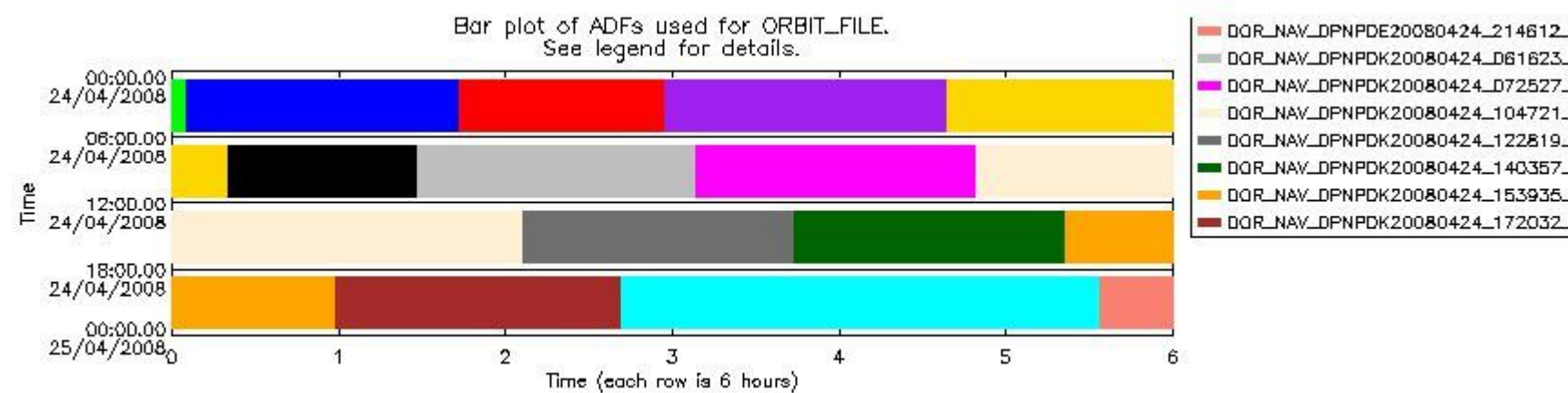
sciamachy_daily_report_level1_SCIA_6_03_N_20080424_46.PNG

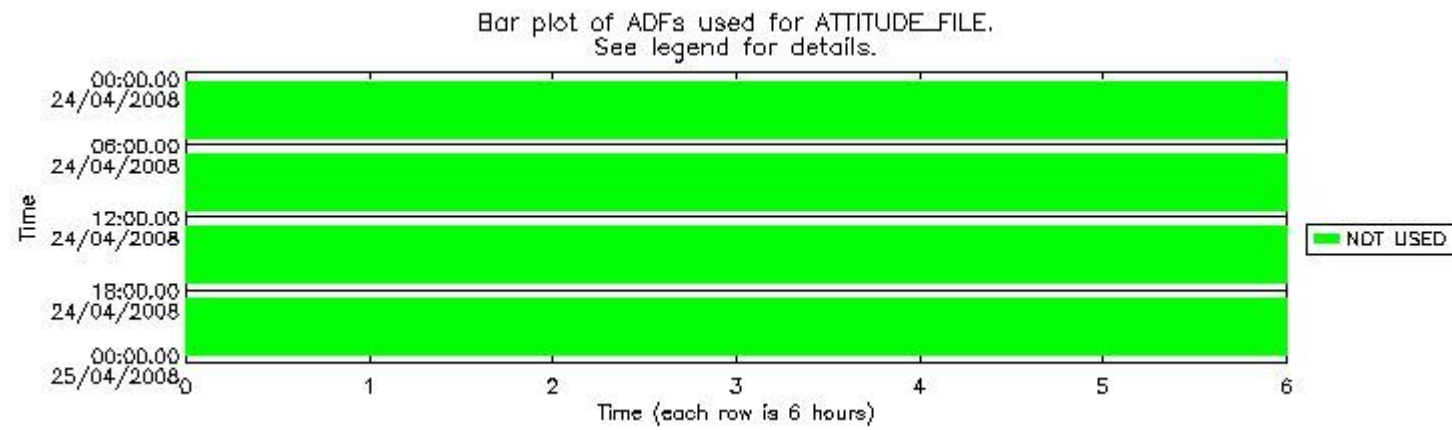


sciamachy_daily_report_level1_SCIA_6_03_N_20080424_47.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080424_48.PNG

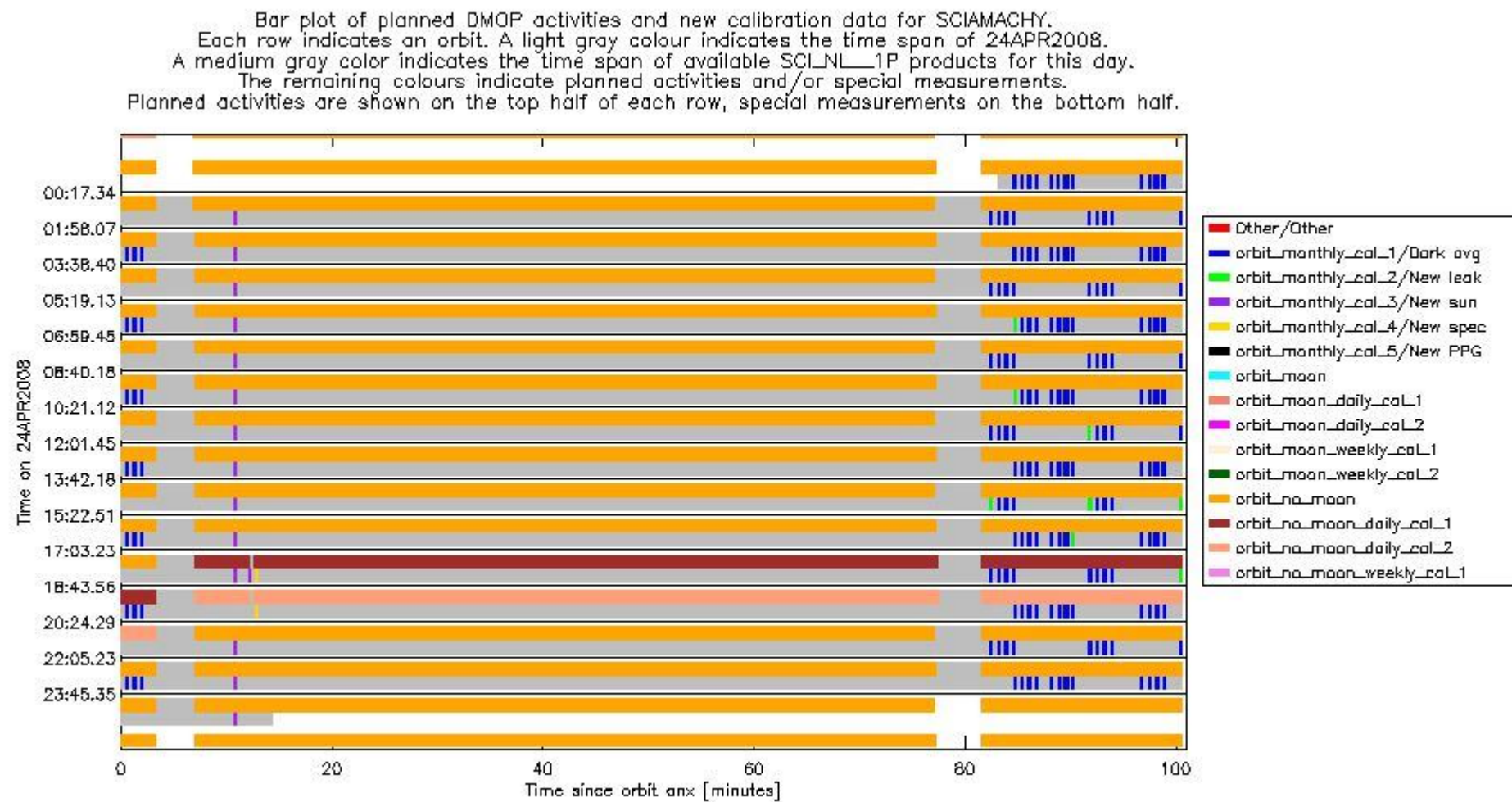




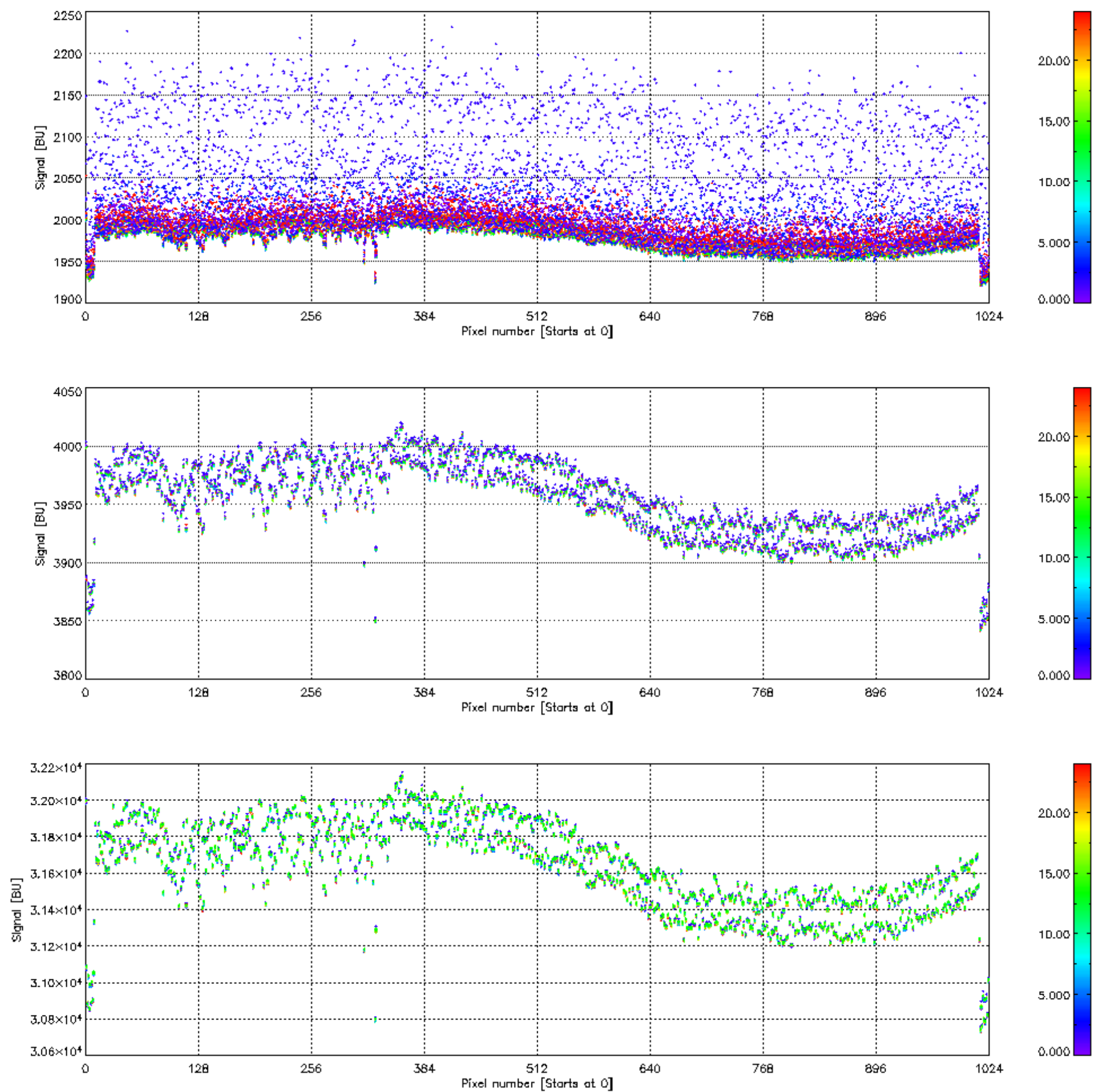
1.4 DMOP execution monitoring

This section gives an analysis of the DMOP execution. The execution is monitored by assigning various activities to timeline sequences found in the DMOP file, and by checking where "NEW" datasets are available in SCI_NL__1P products.

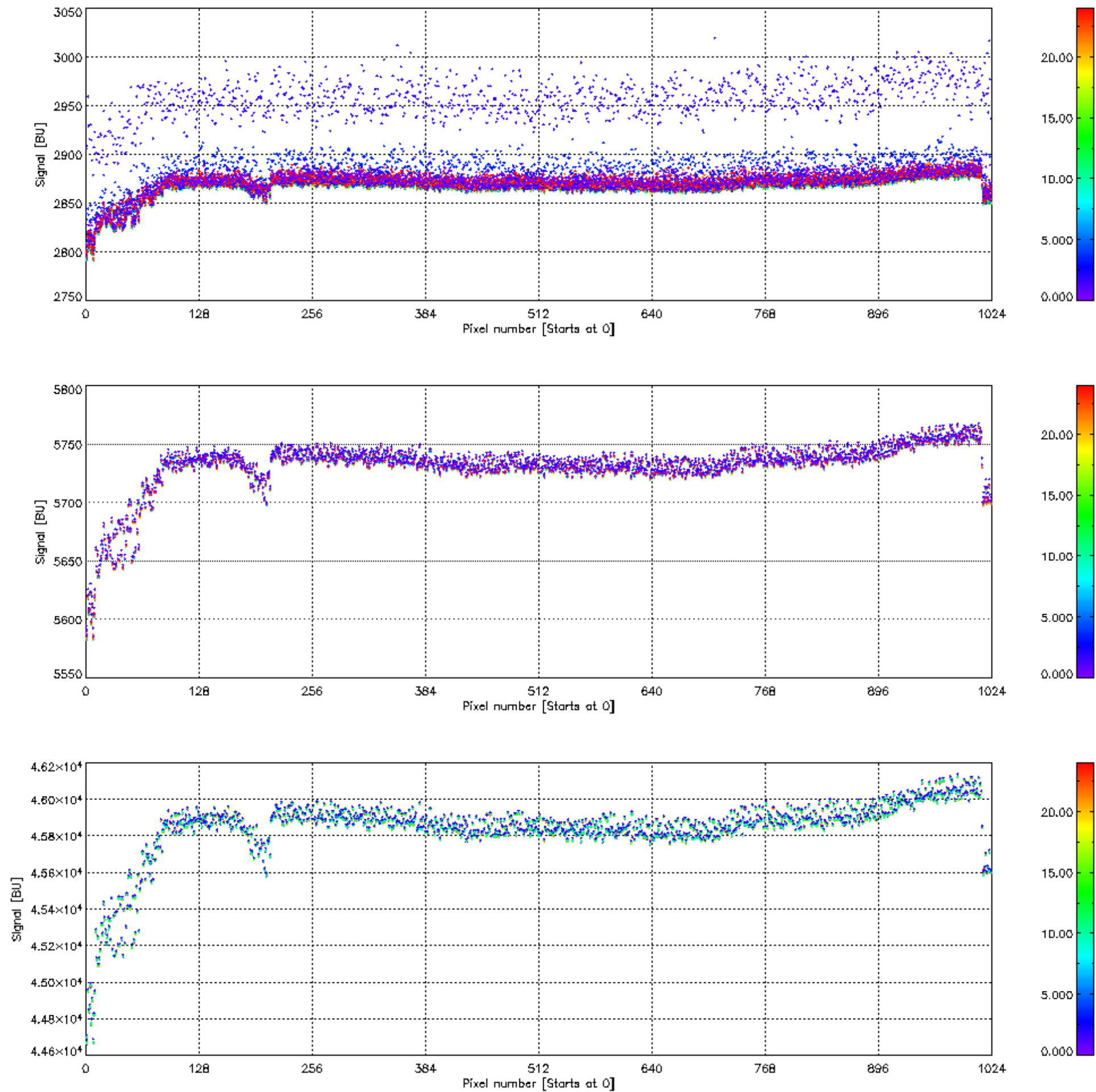
The following plot gives an overview of planned activities and actual special measurements in the Level 1 products. The planning is taken from the DMOP files, and interpreted using information from OSDF files.



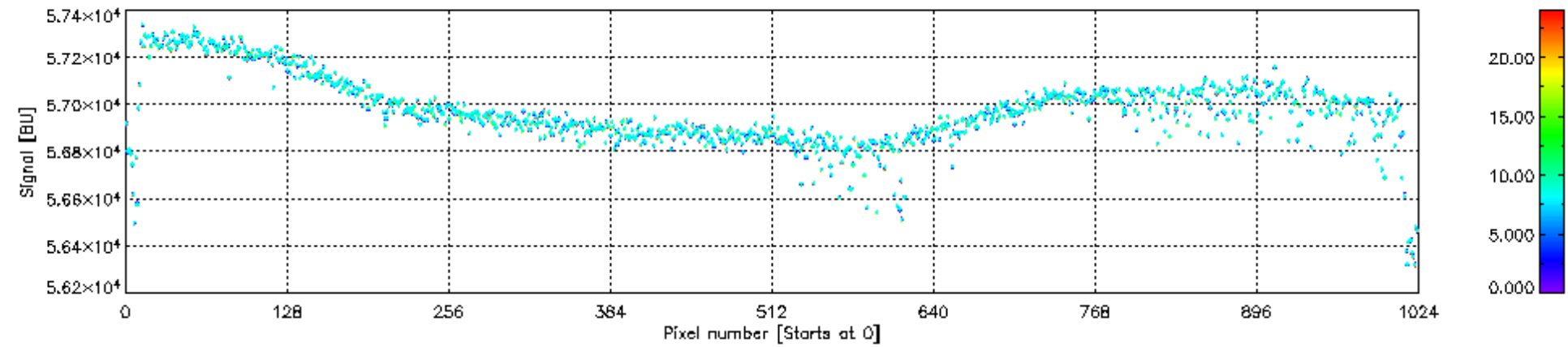
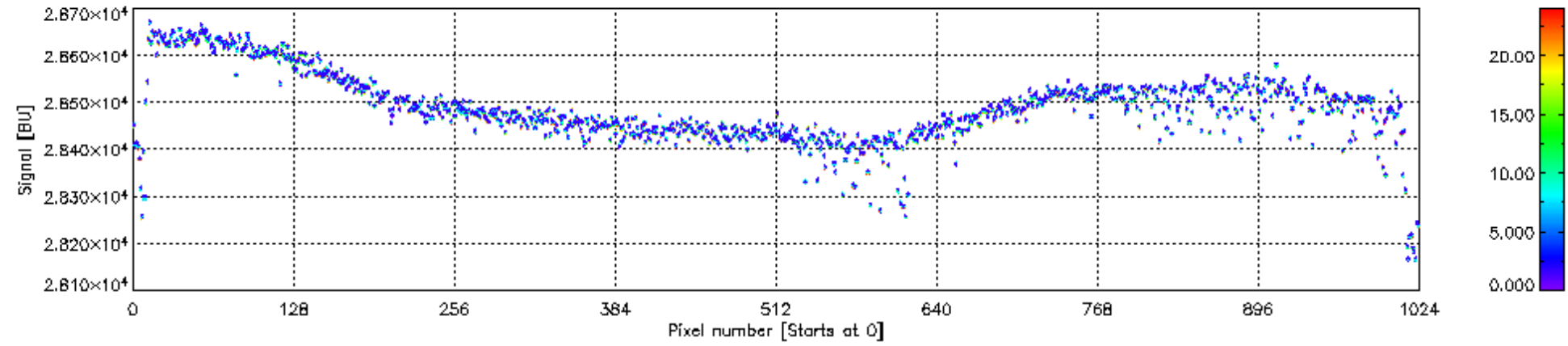
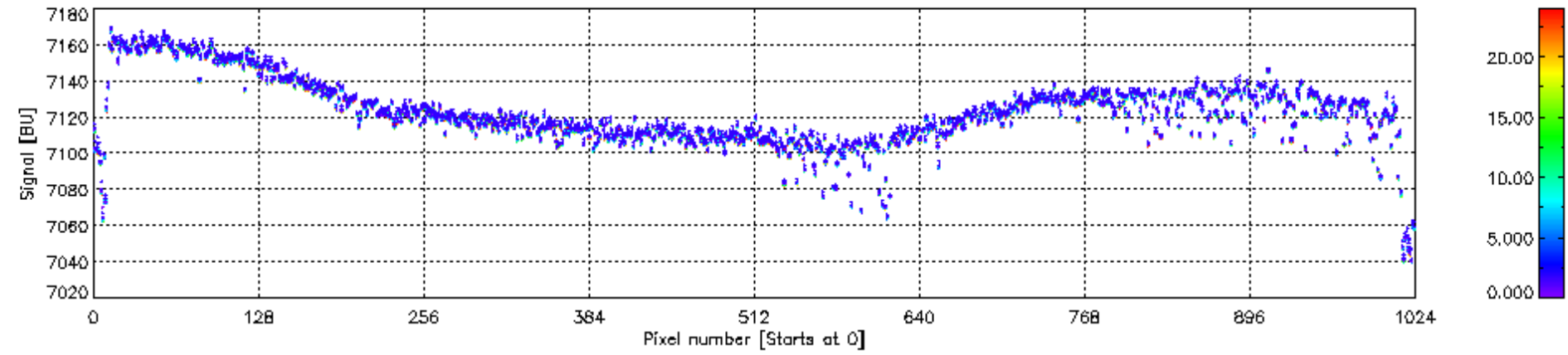
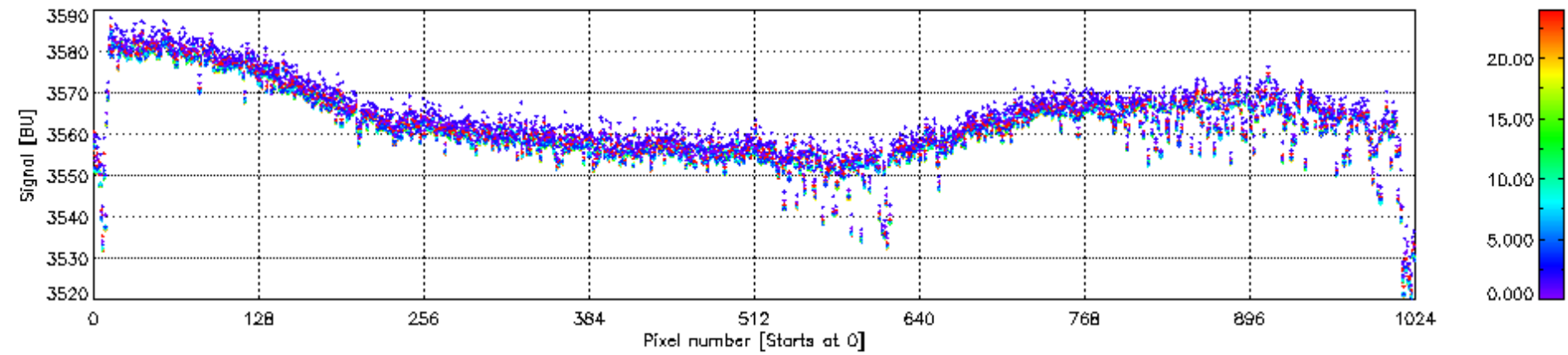
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



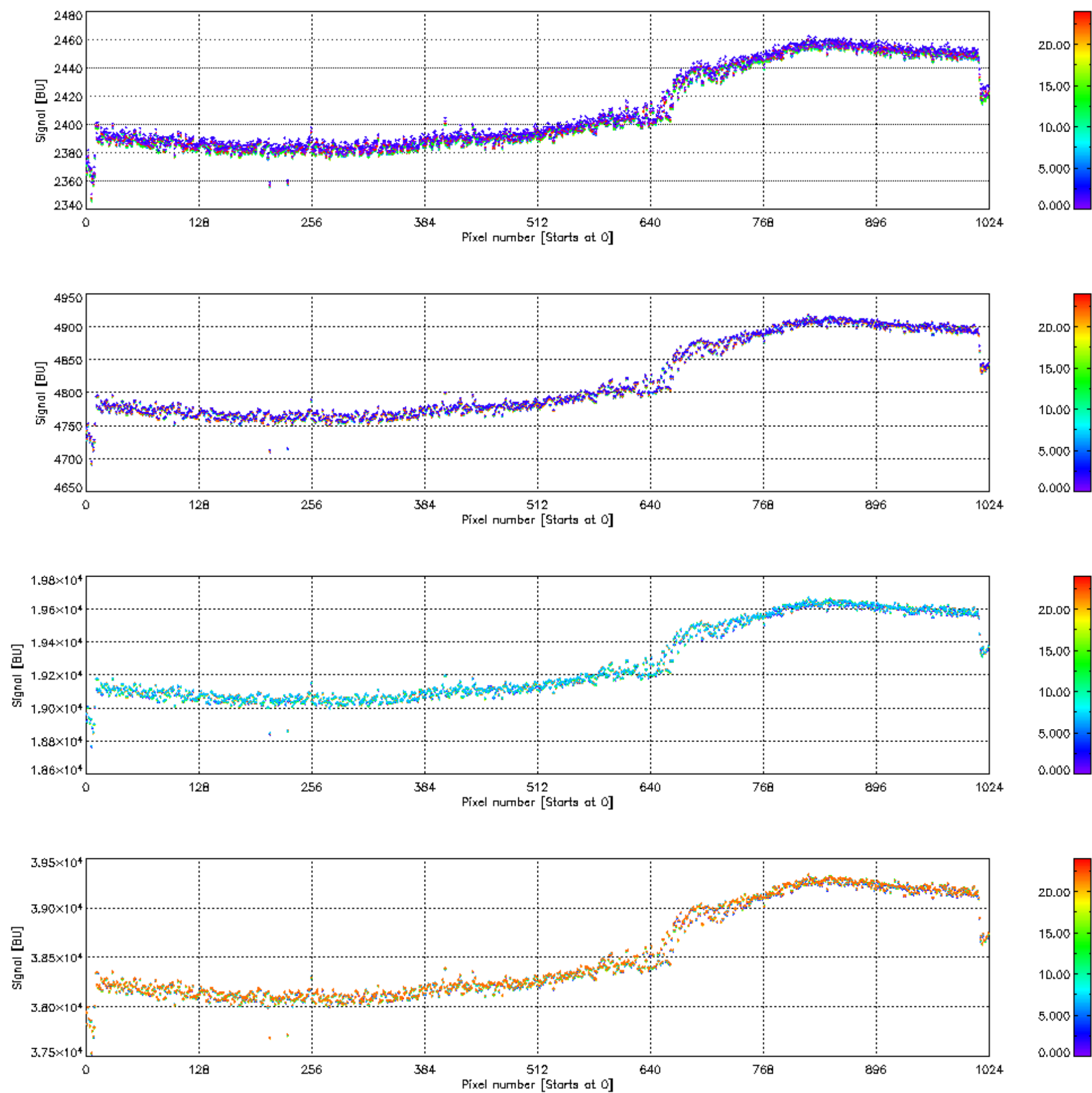
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



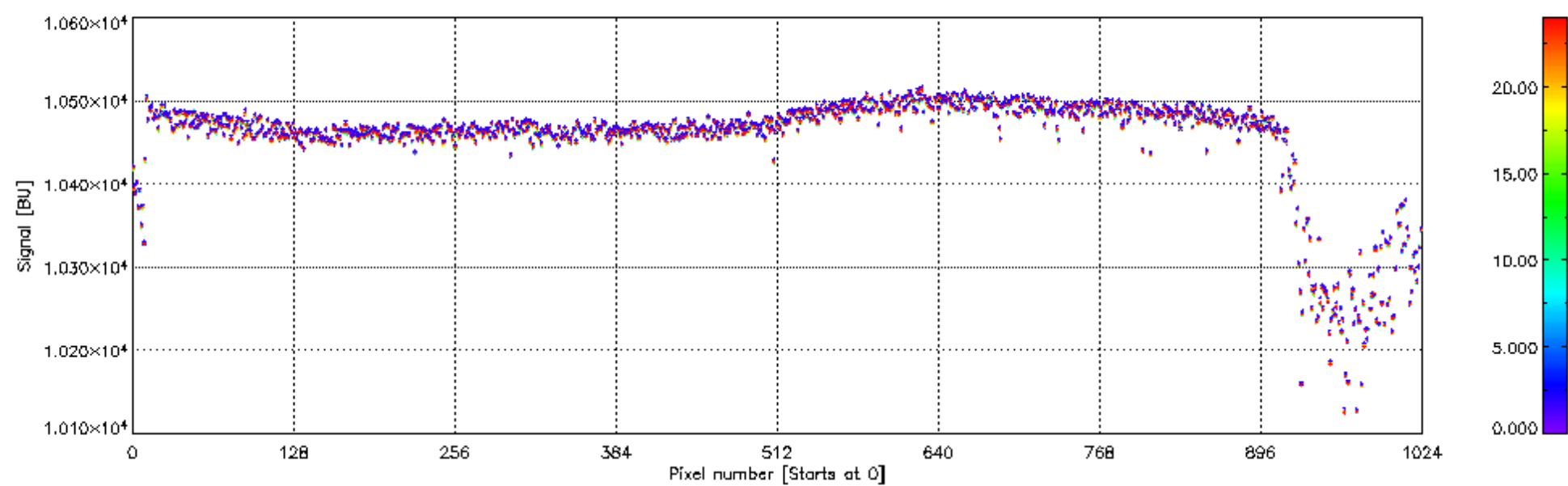
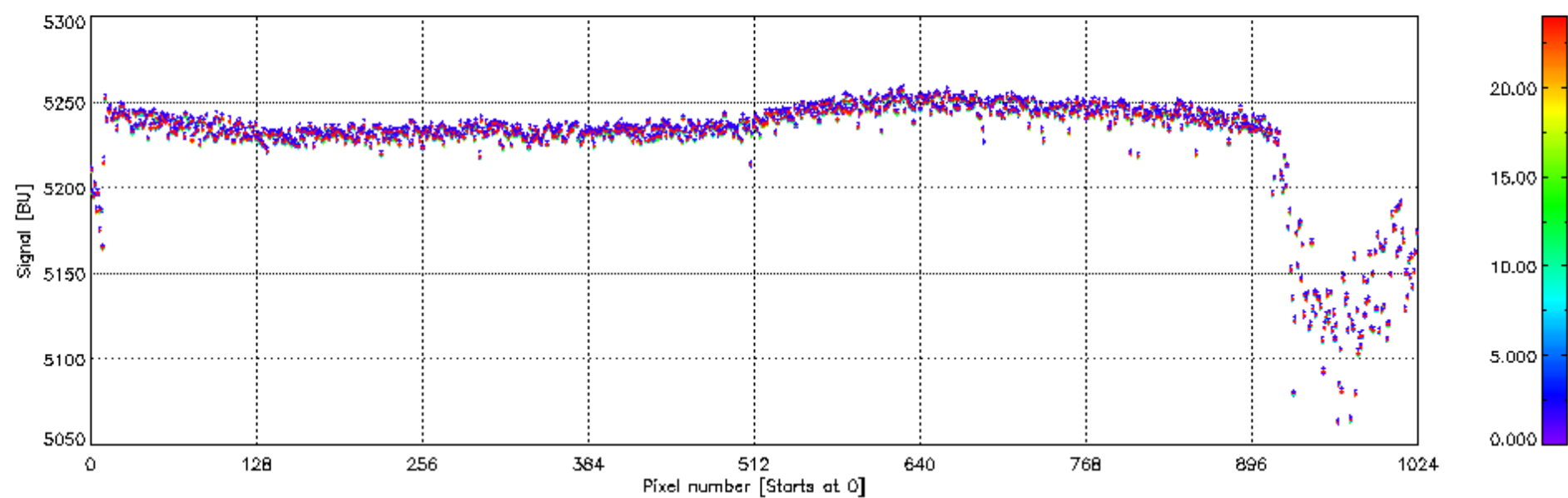
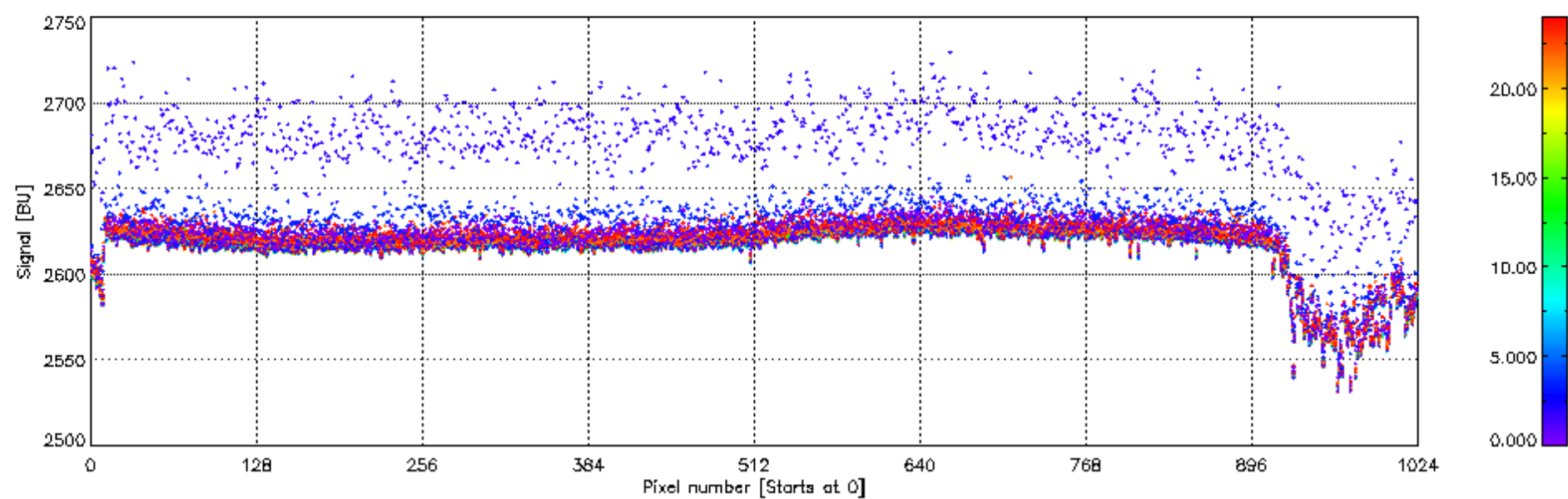
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



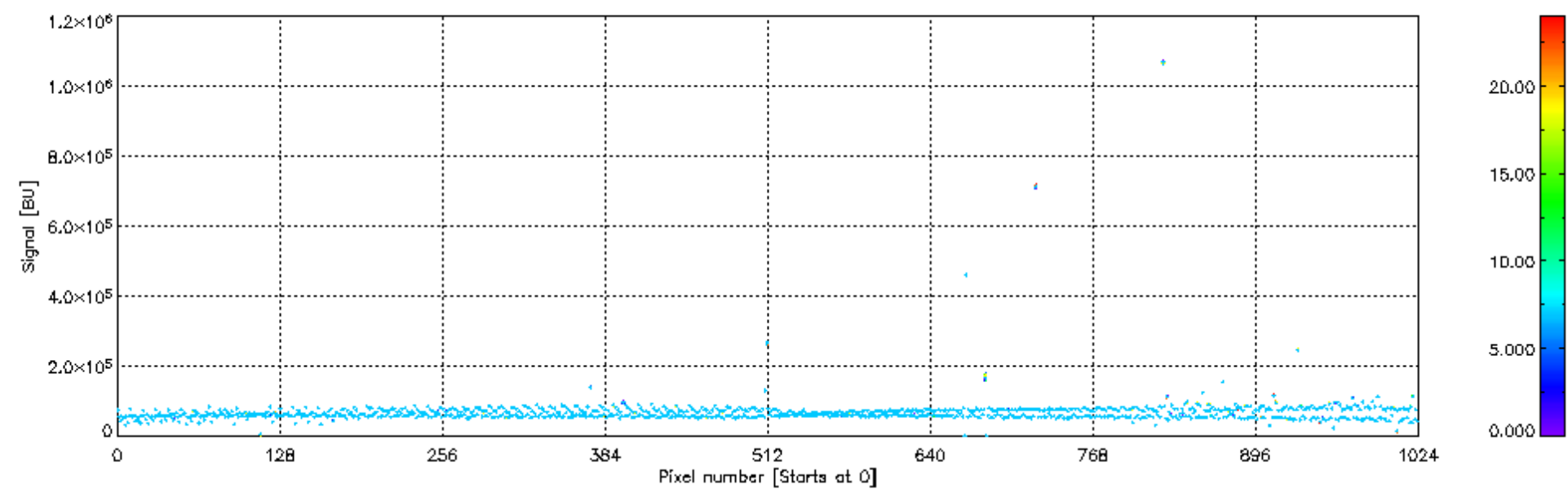
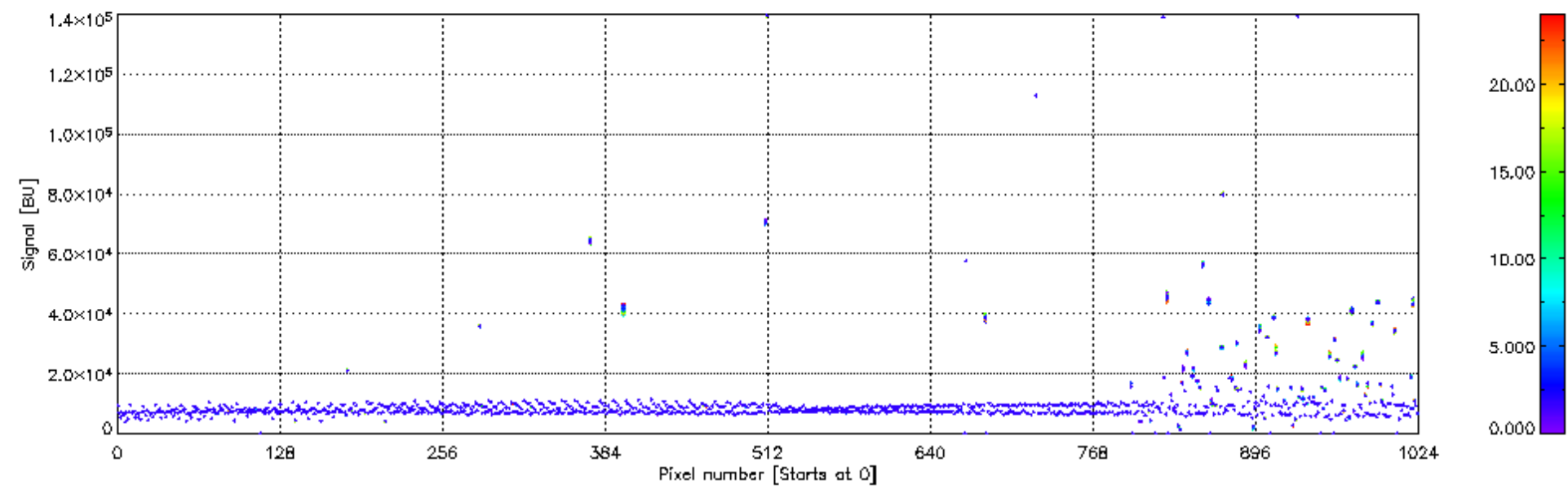
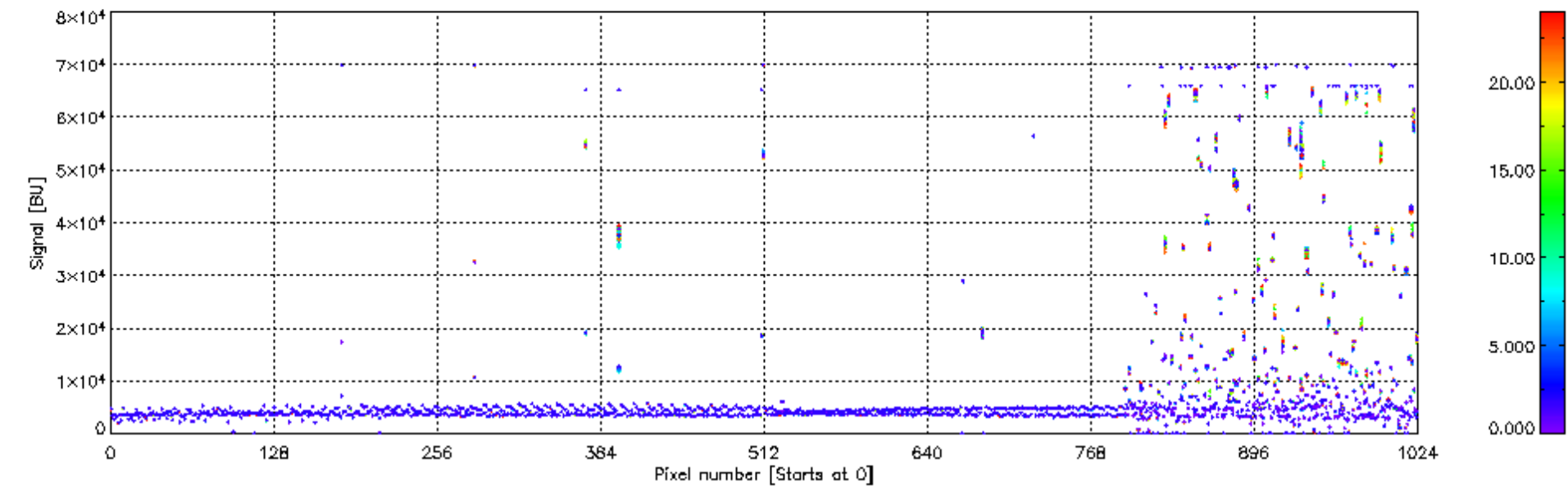
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



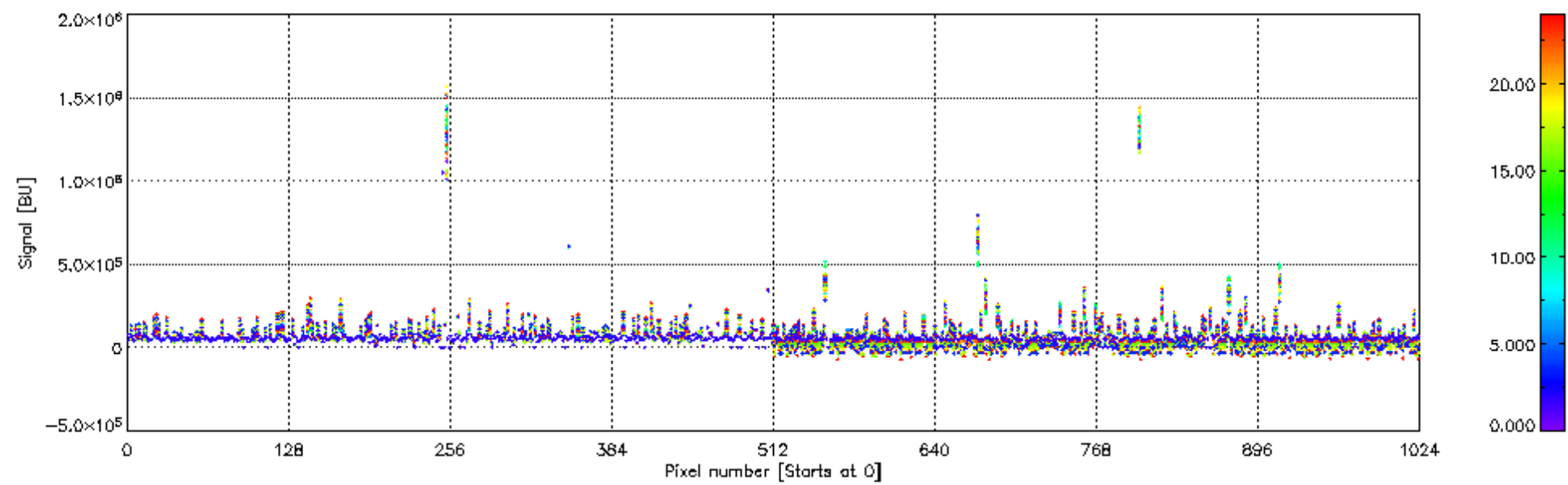
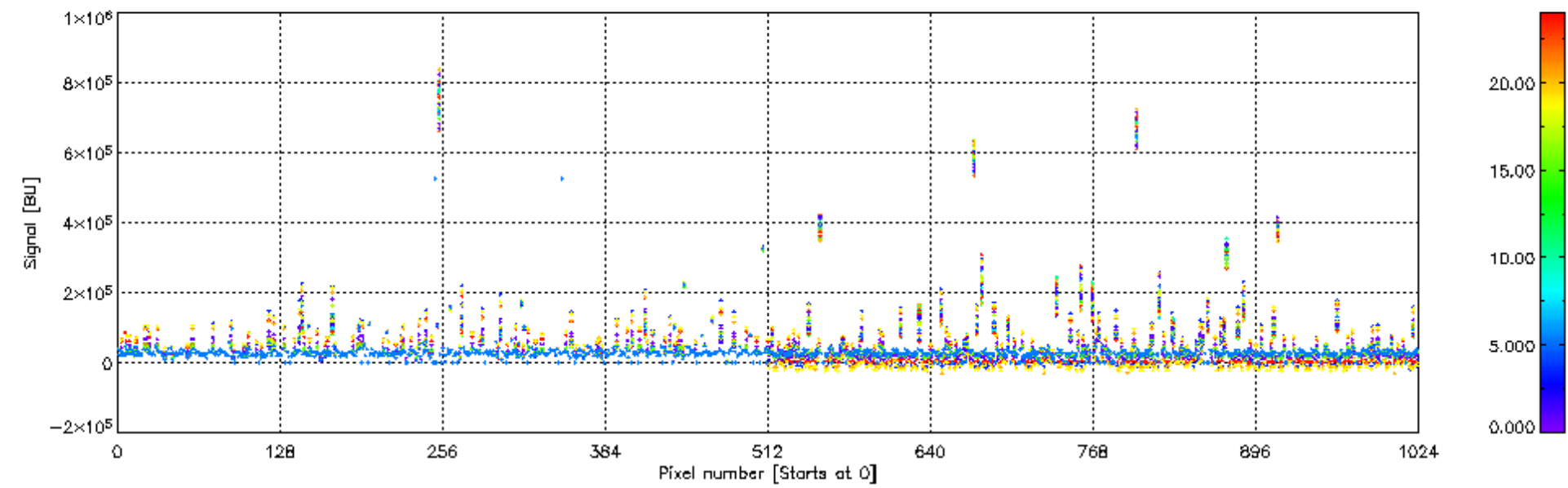
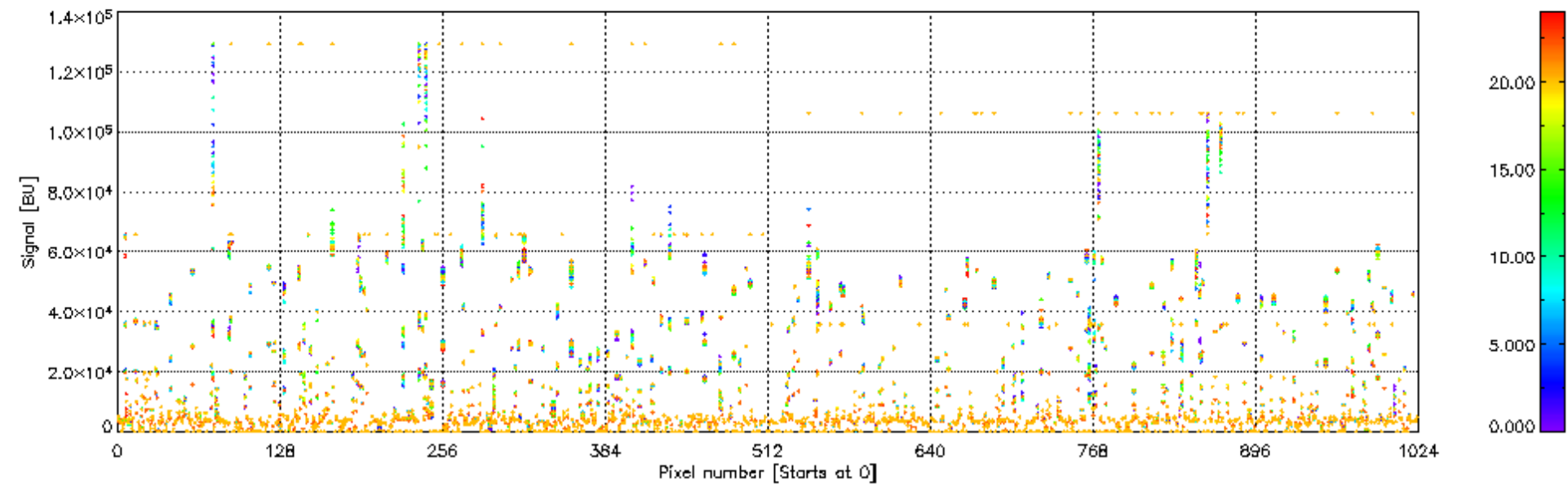
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



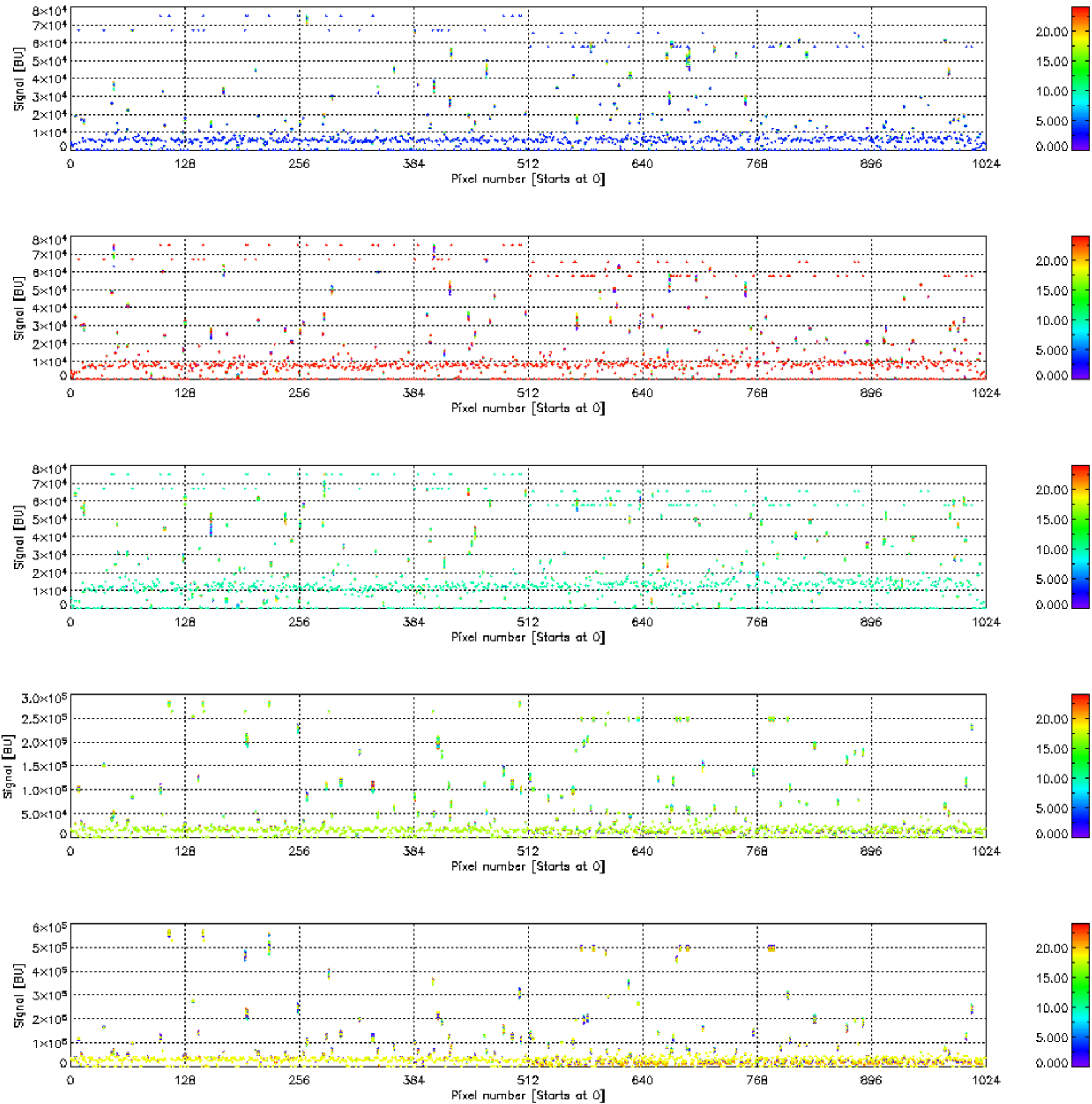
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00



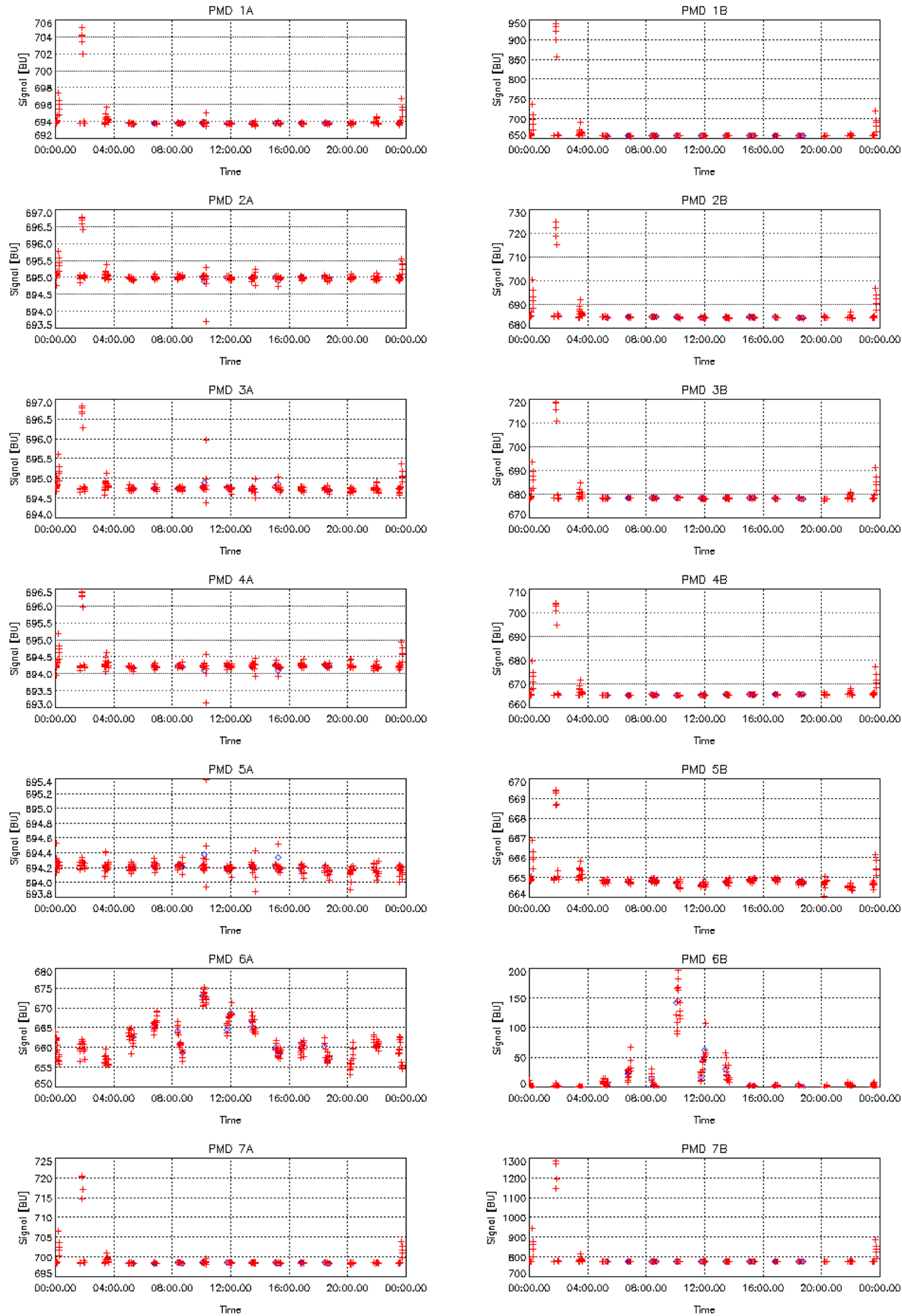
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00

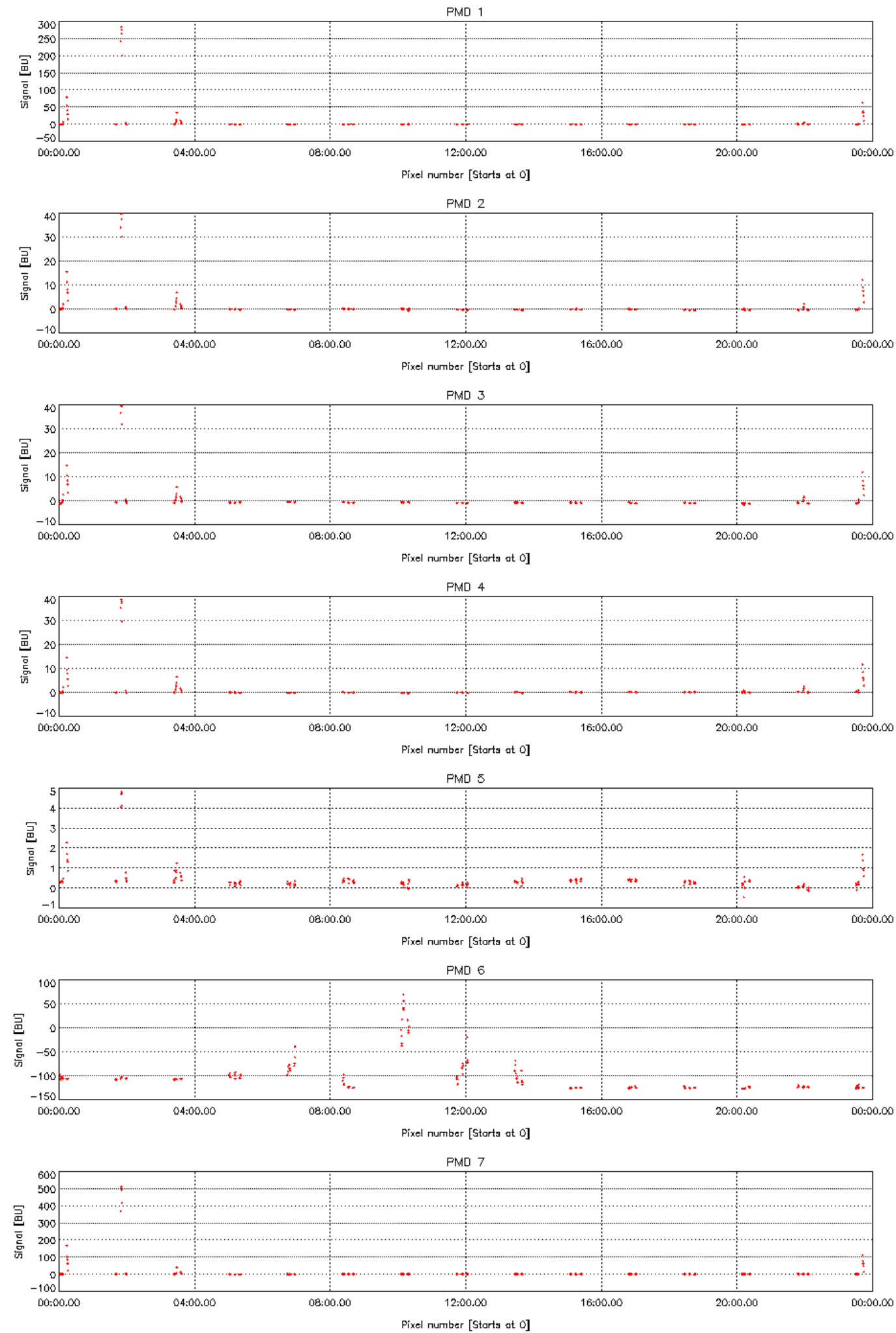


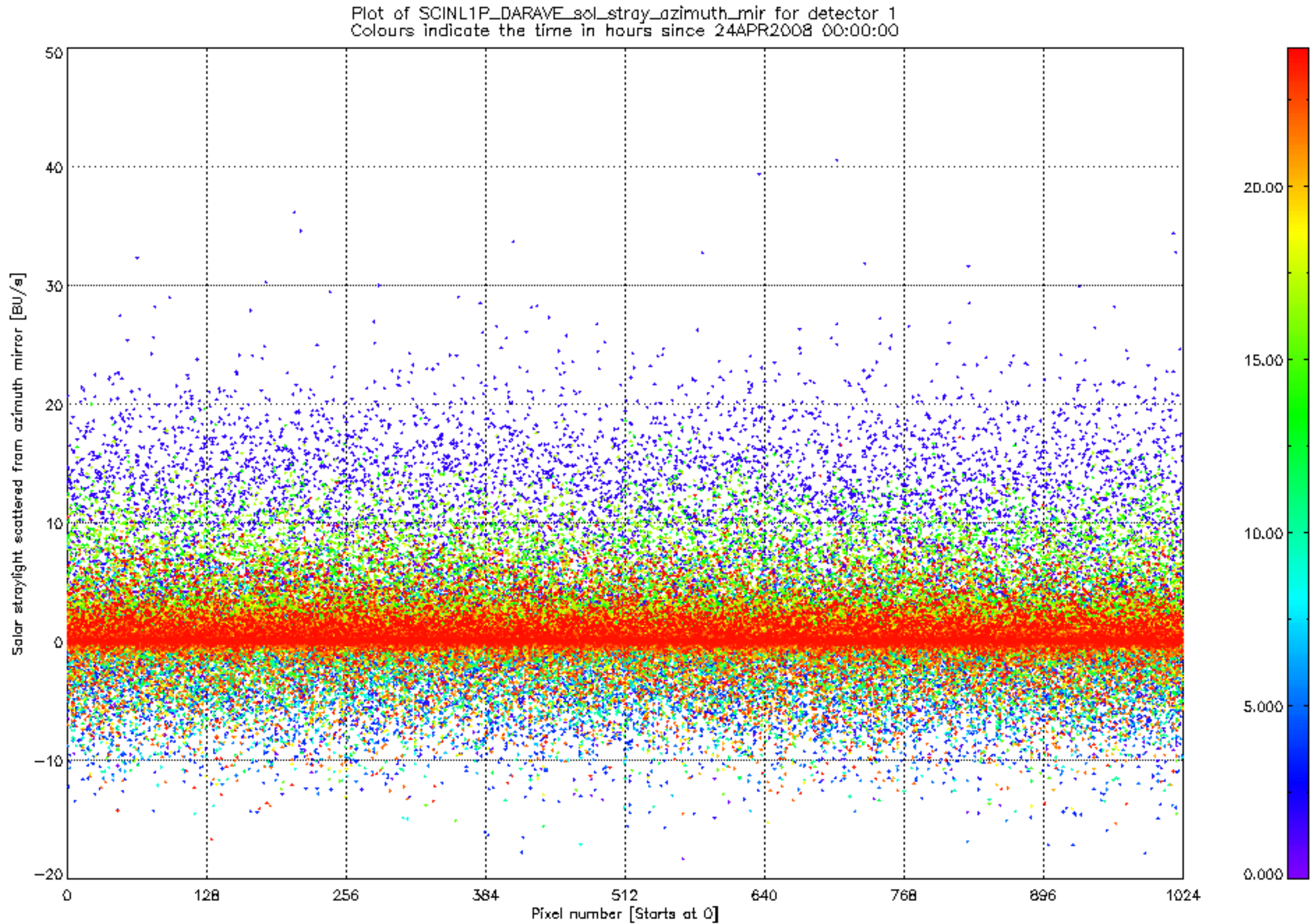
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 24APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 24APR2008 00:00:00

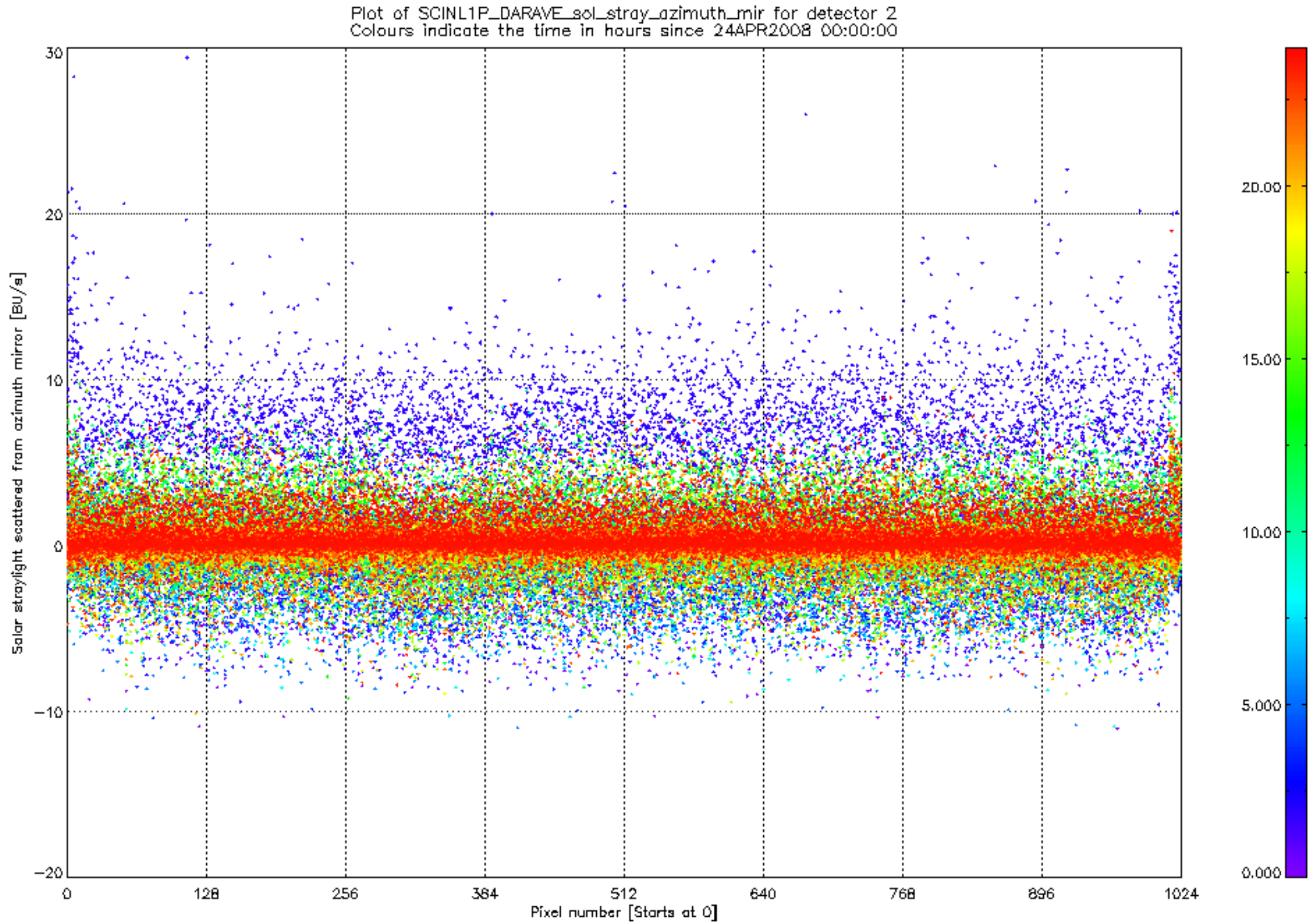


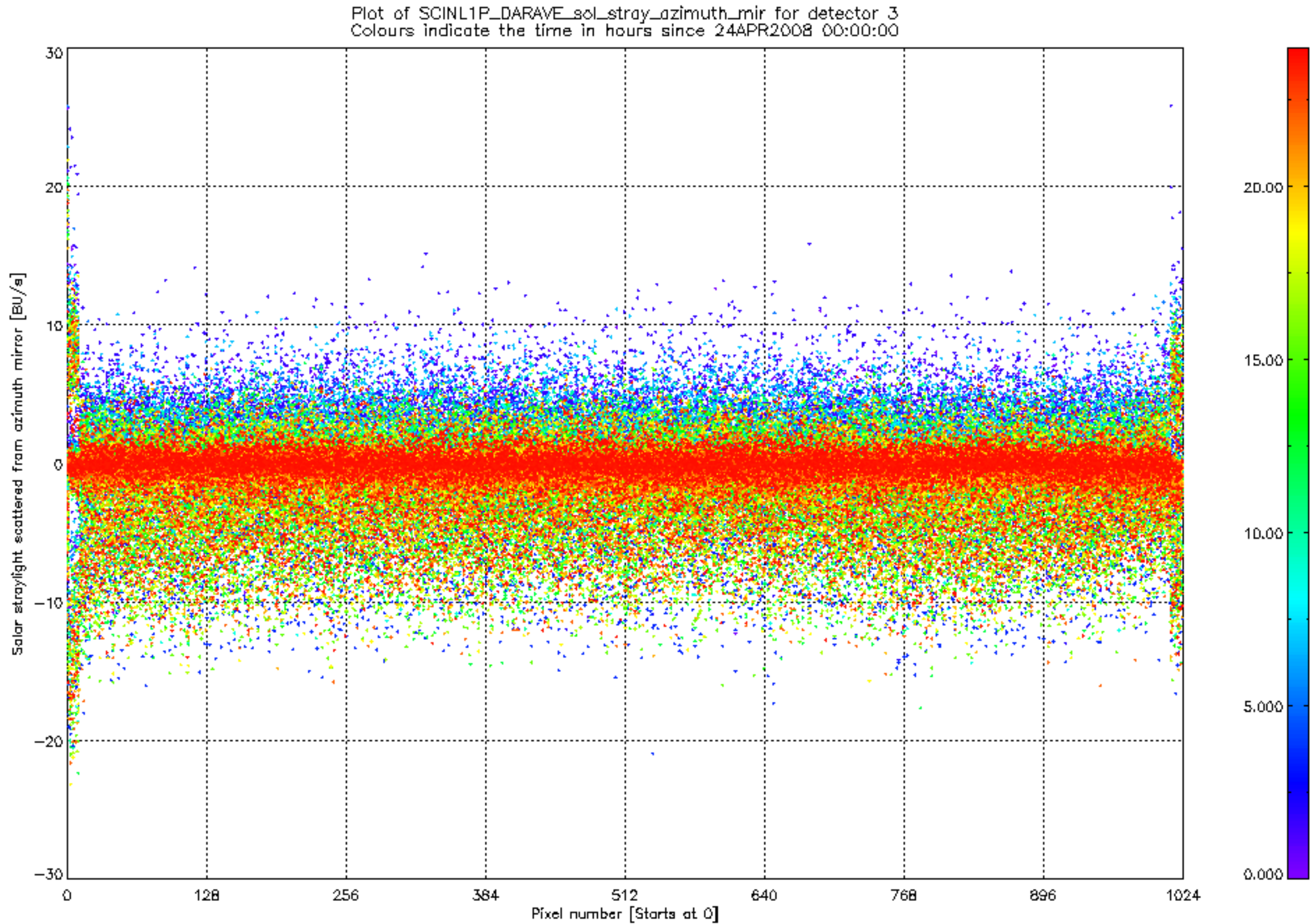
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 24APR2008 (red).
New leakage current offset data is given in blue for comparison.

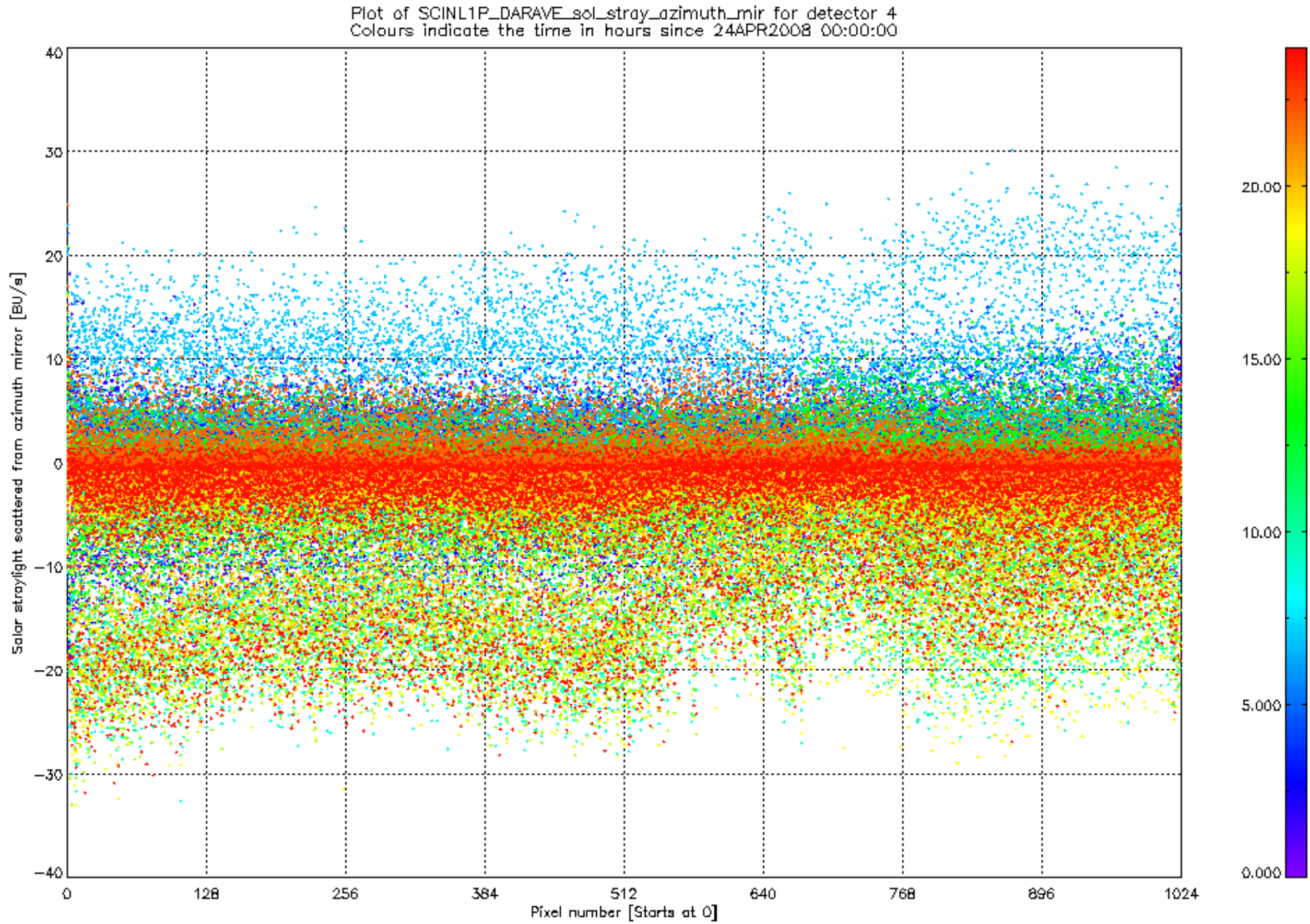


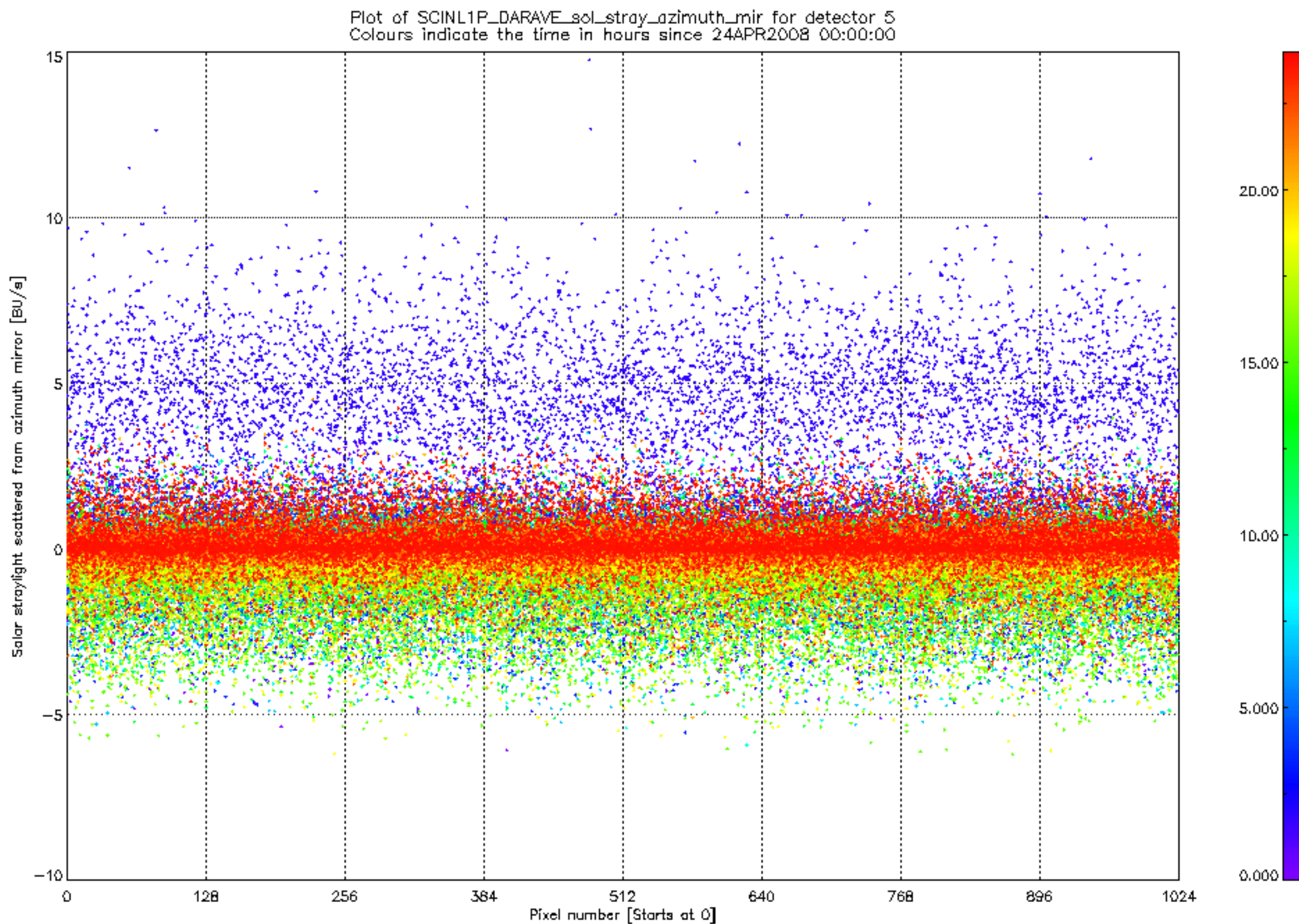


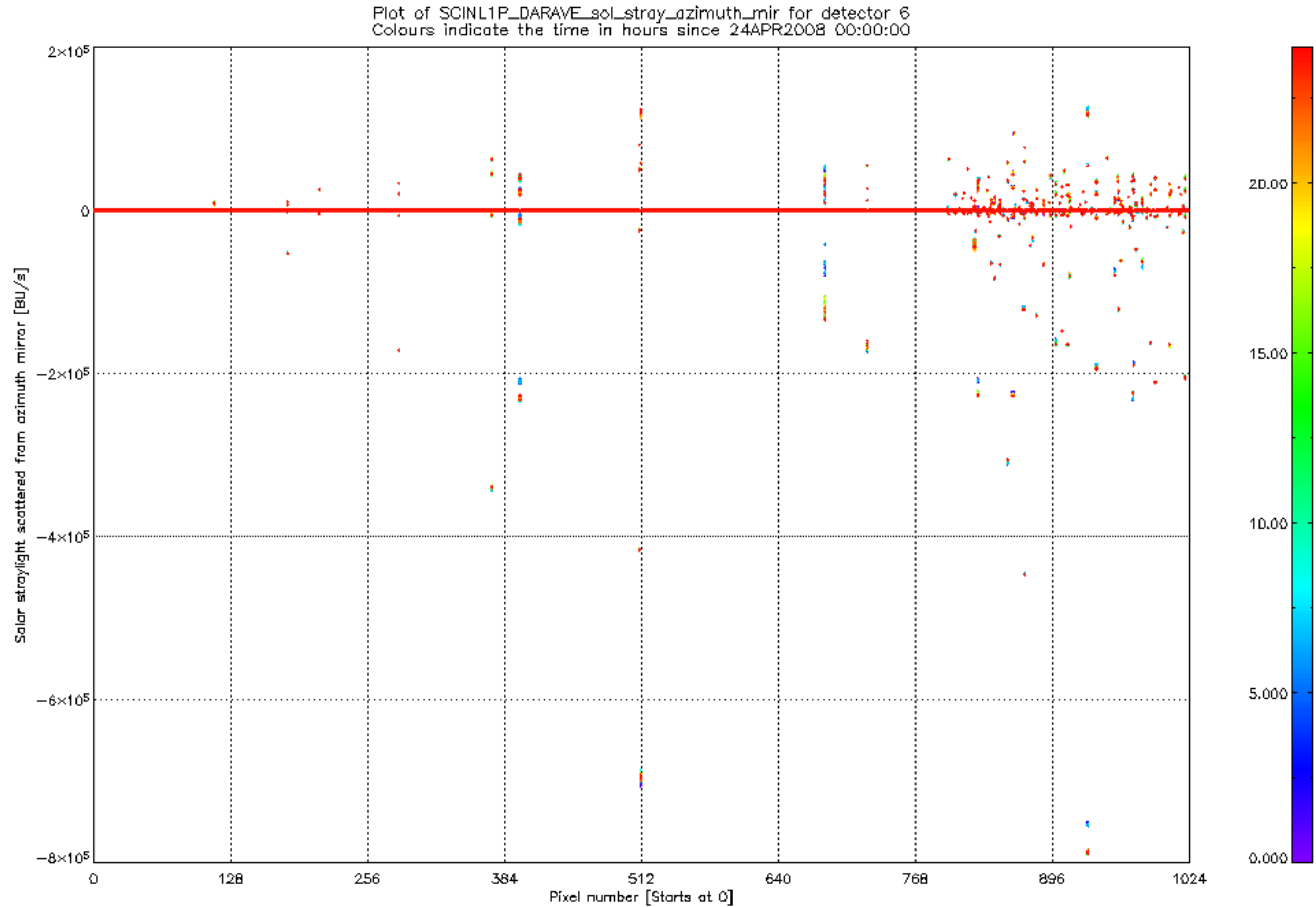


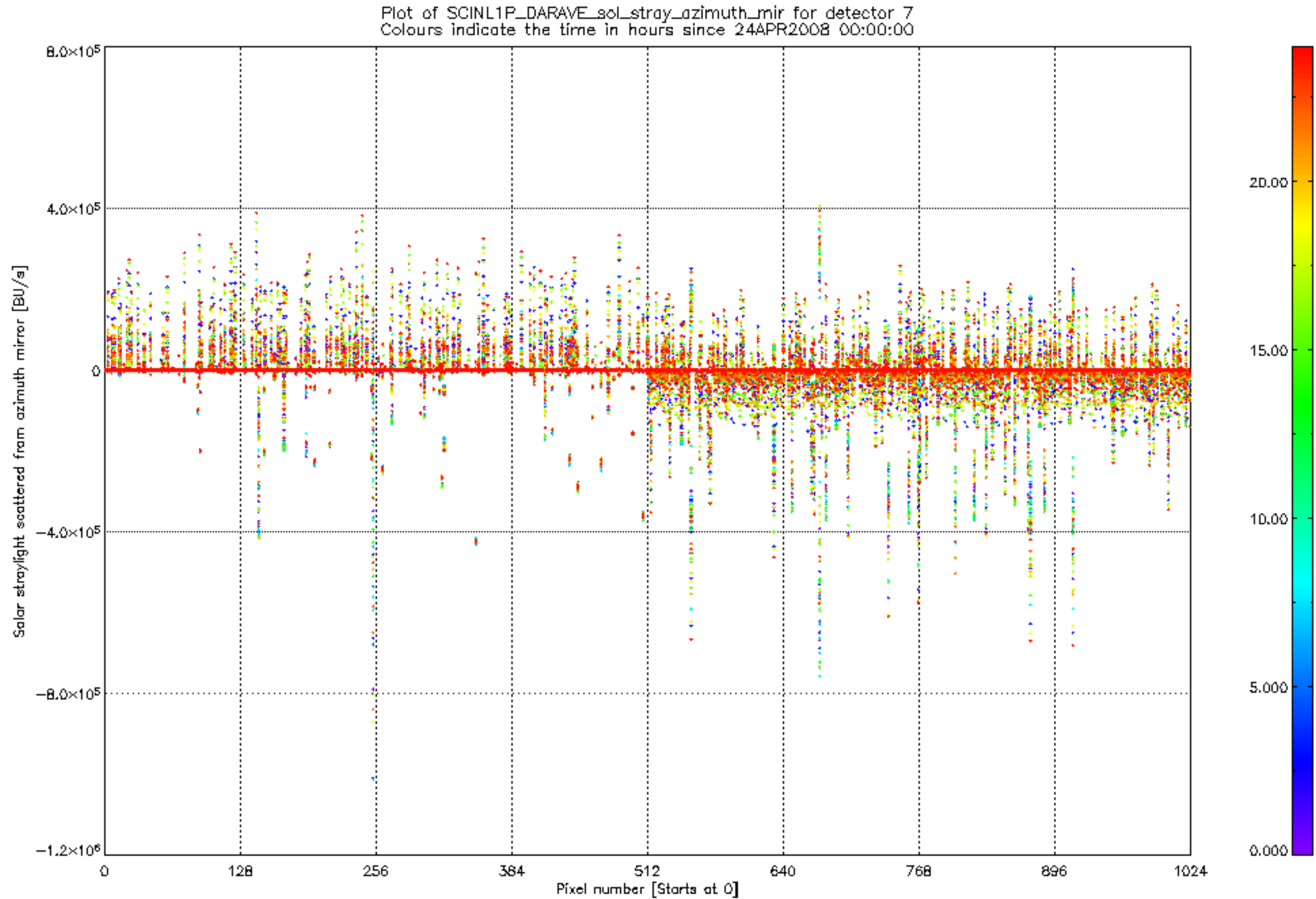


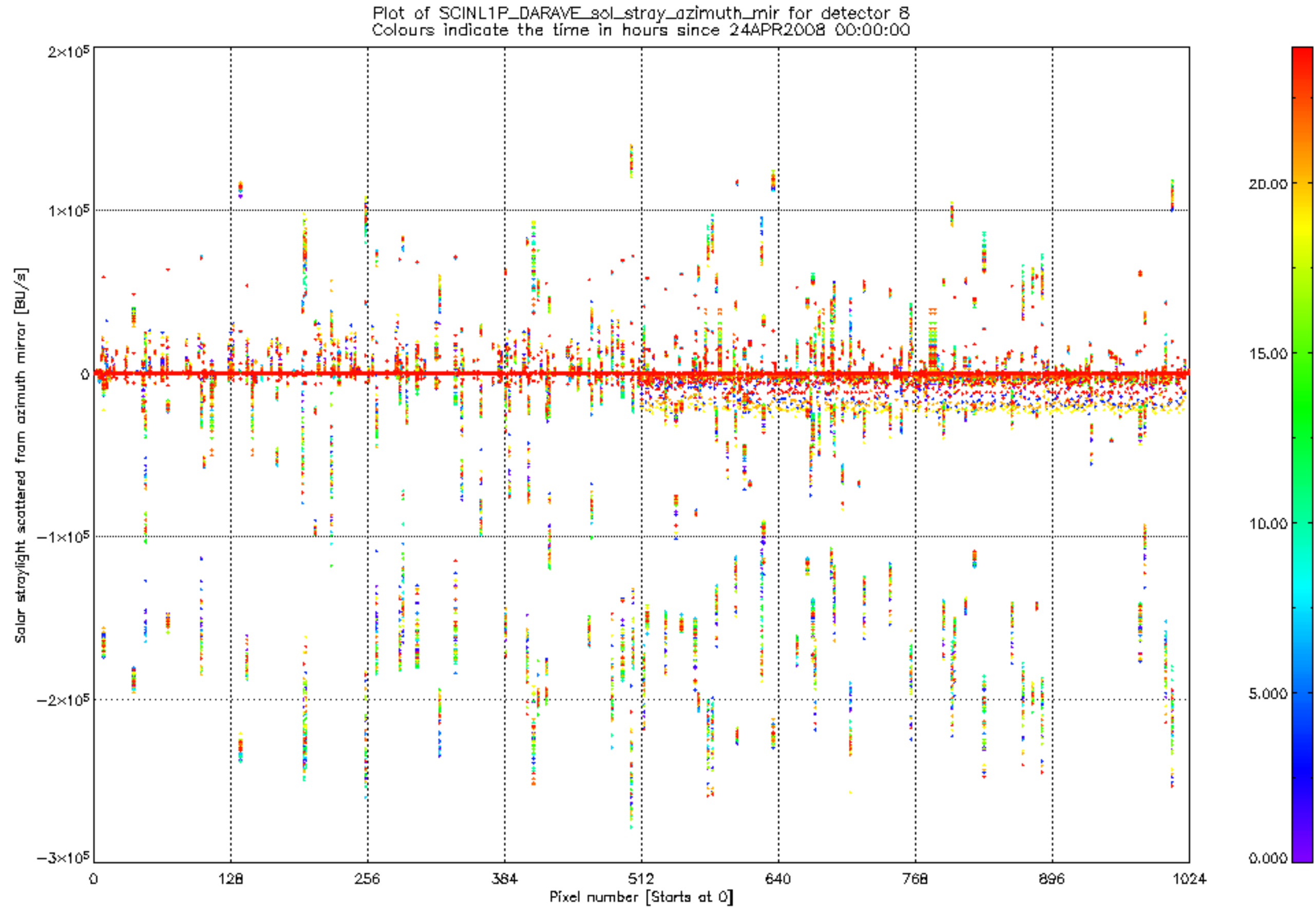




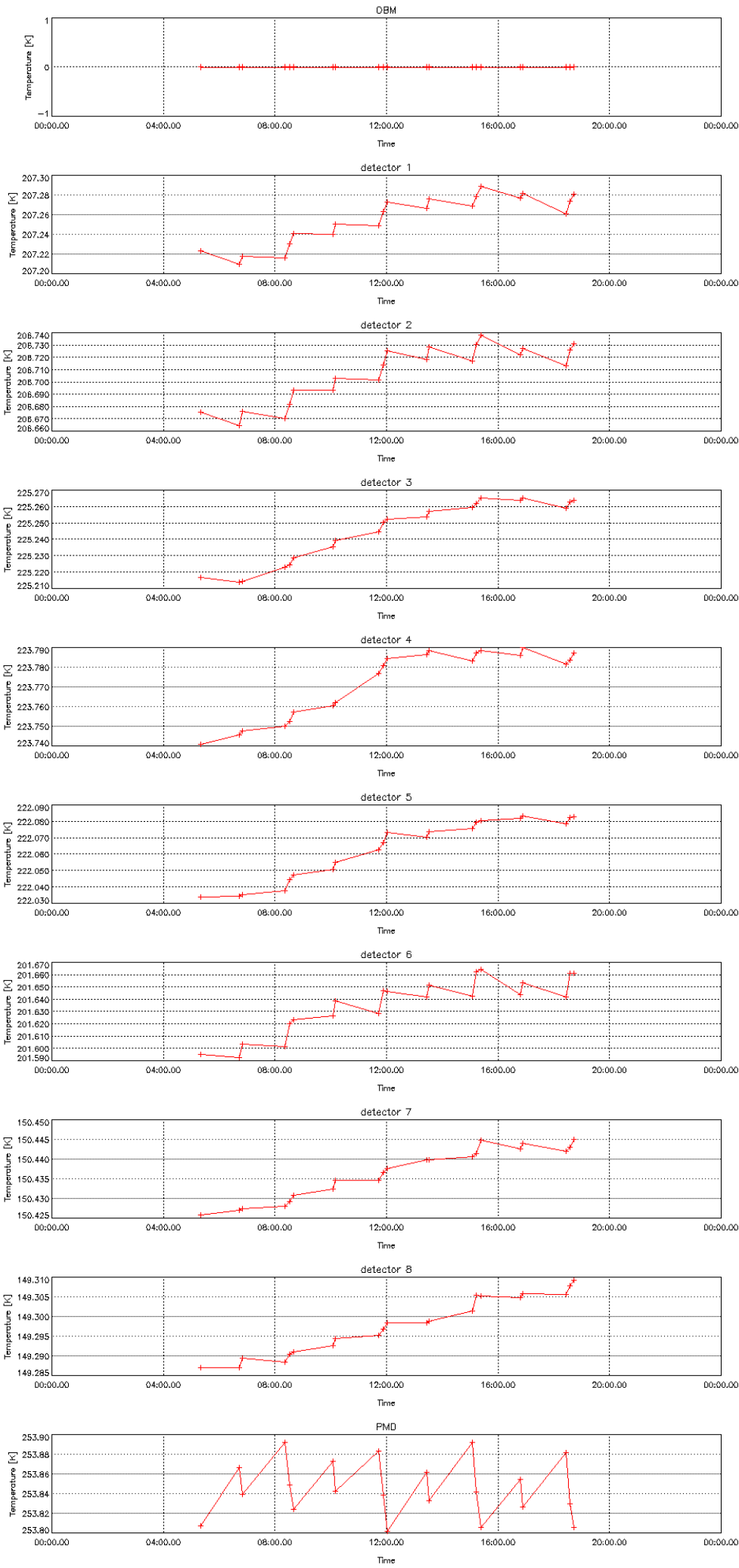




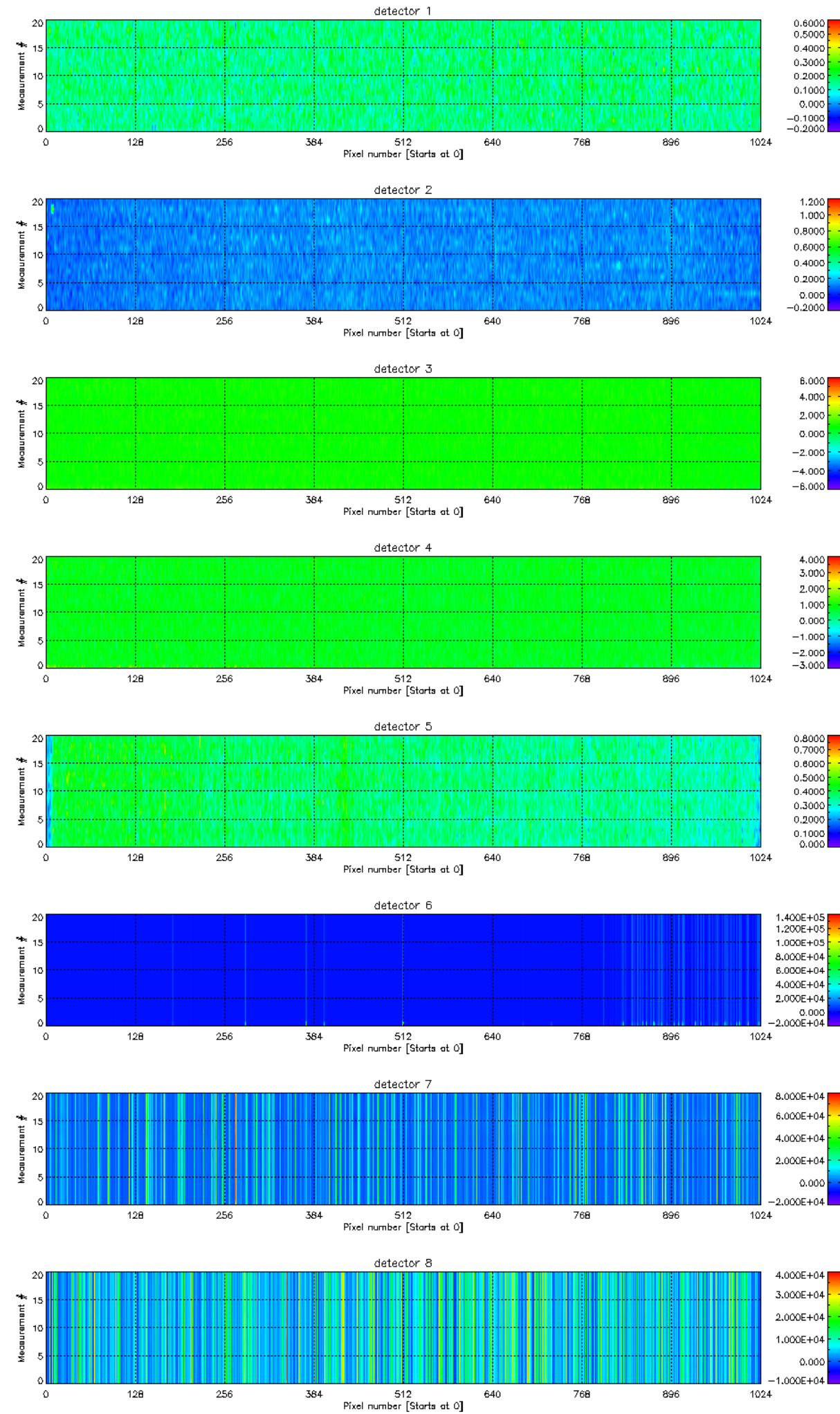




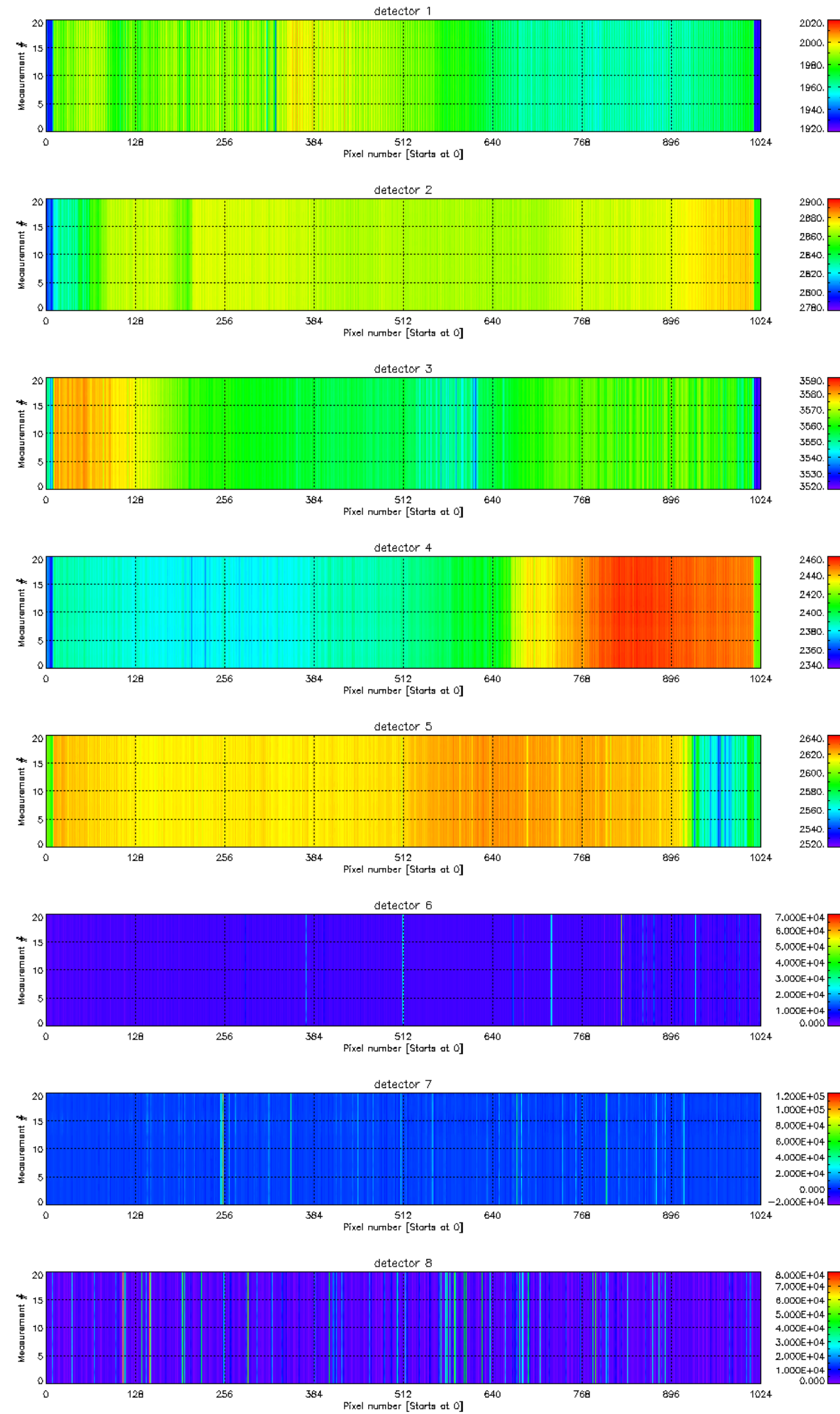
Plots of SCINL1P_NEWLEA_obm_det_prnd temperatures vs time on 24APR2008.



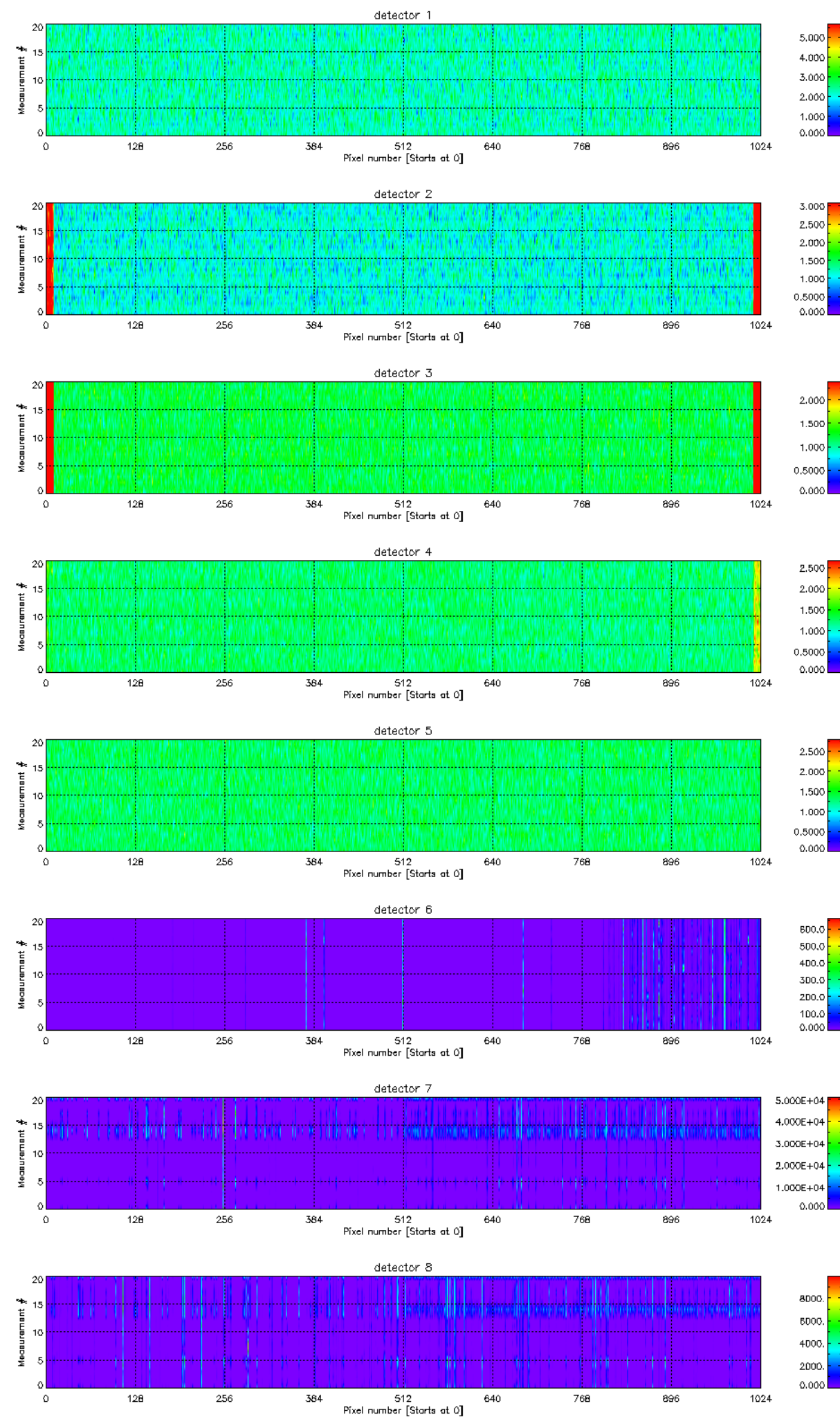
Plots of SCINL1P_NEWLEA_leak_cur for various detectors on 24APR2008.
Colours indicate the value in BU/s.



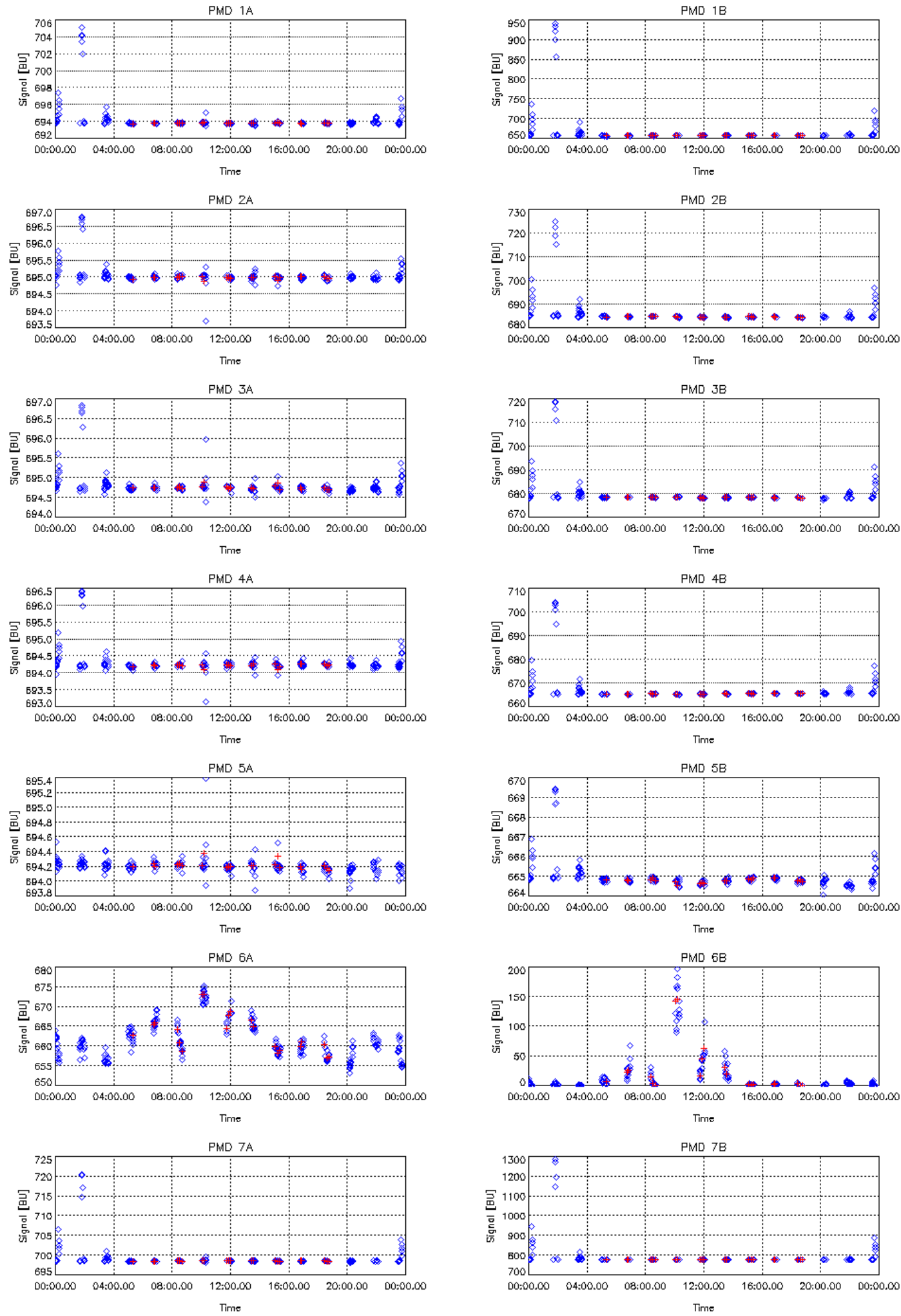
Plots of SCINL1P_NEWLEA_fpn for various detectors on 24APR2008.
Colours indicate the value in BU.

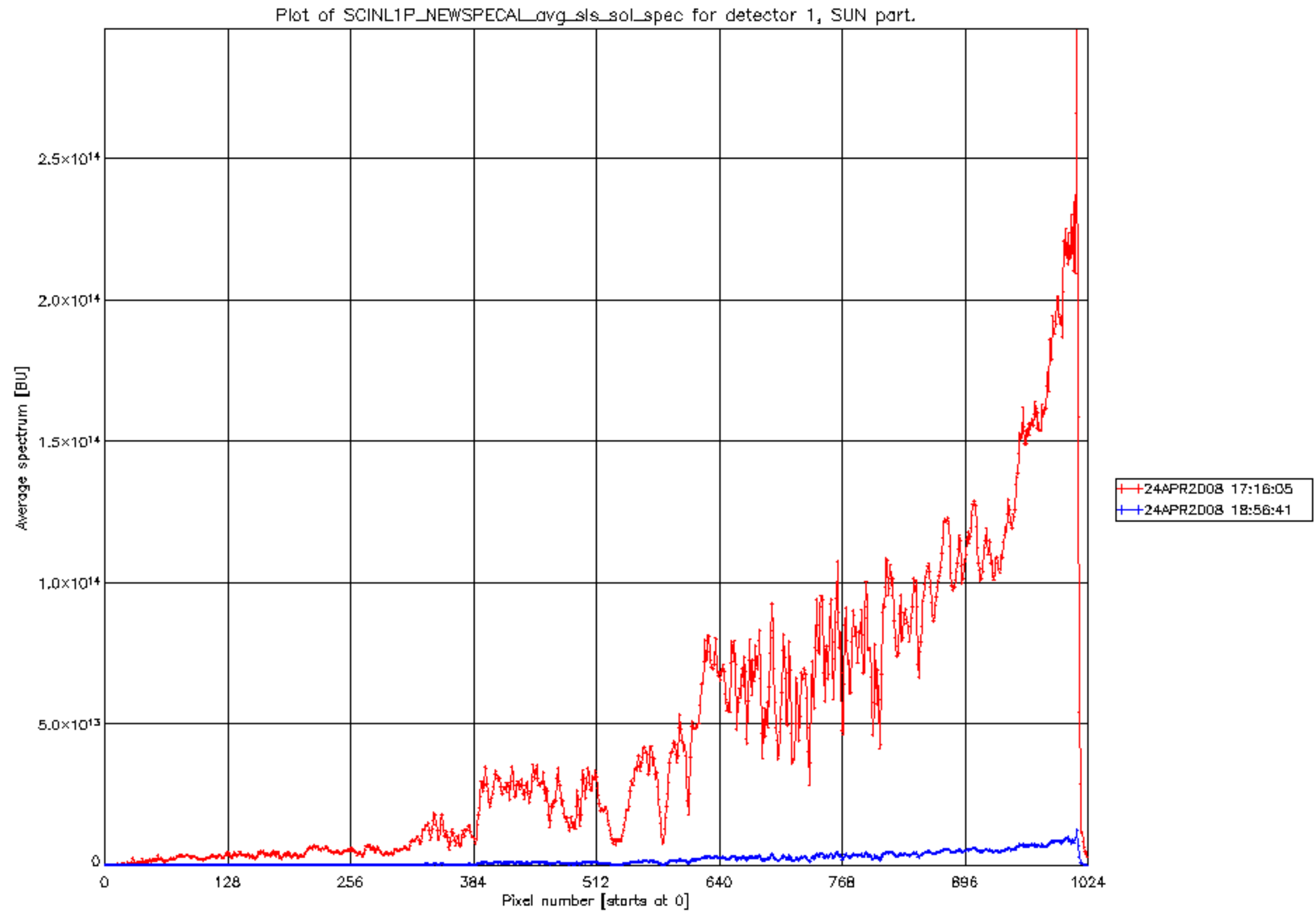


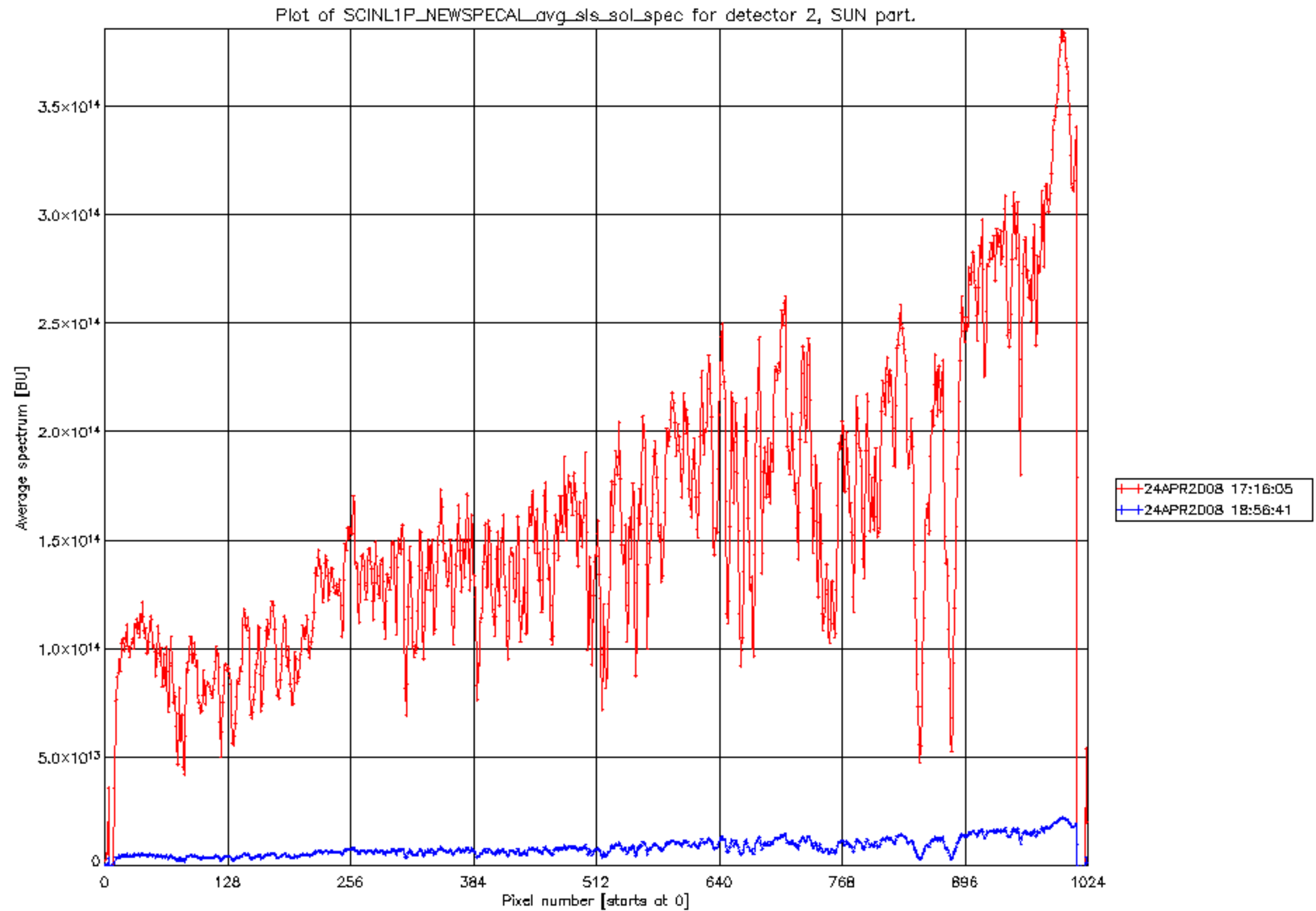
Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 24APR2008.
Colours indicate the value in BU.

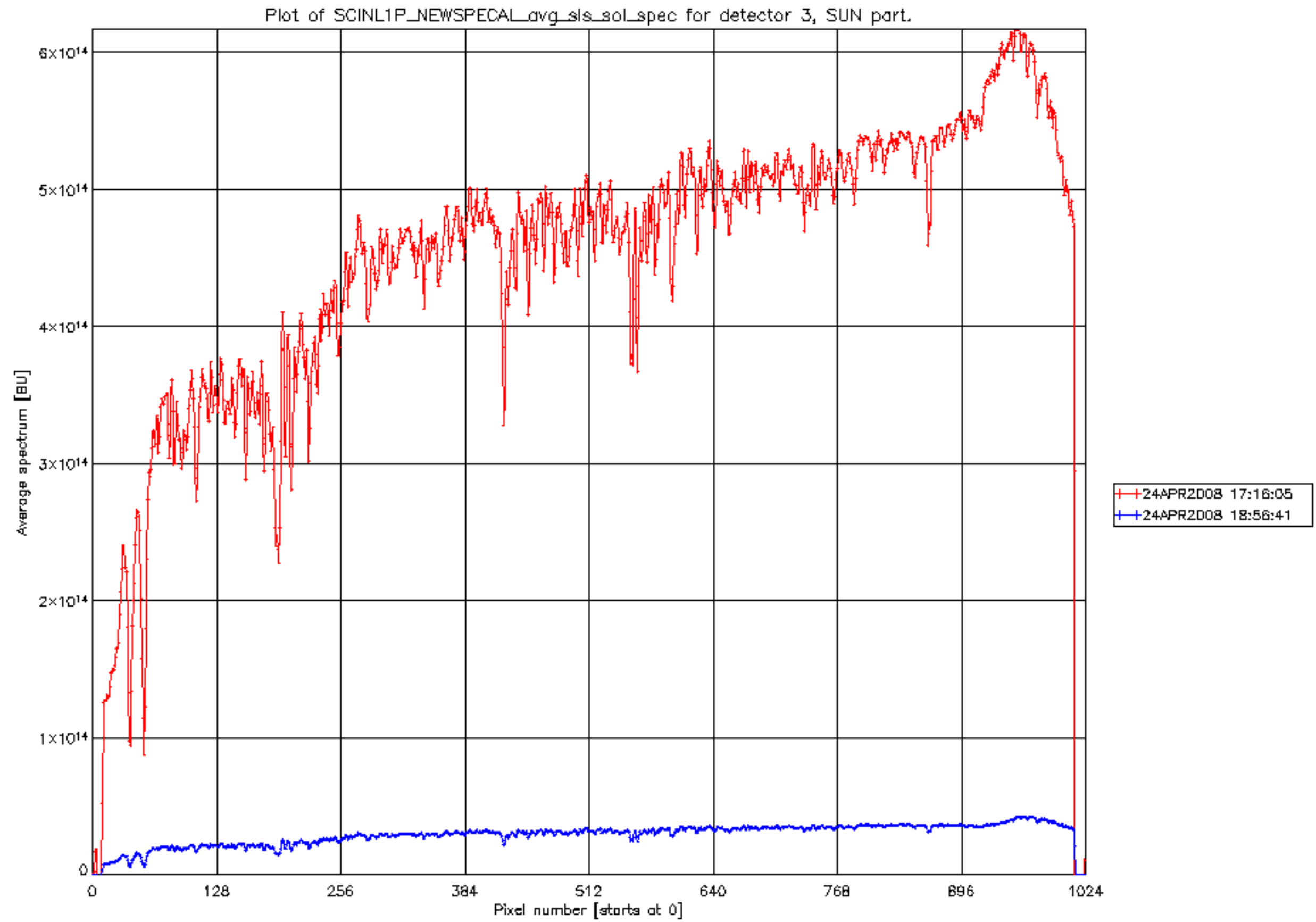


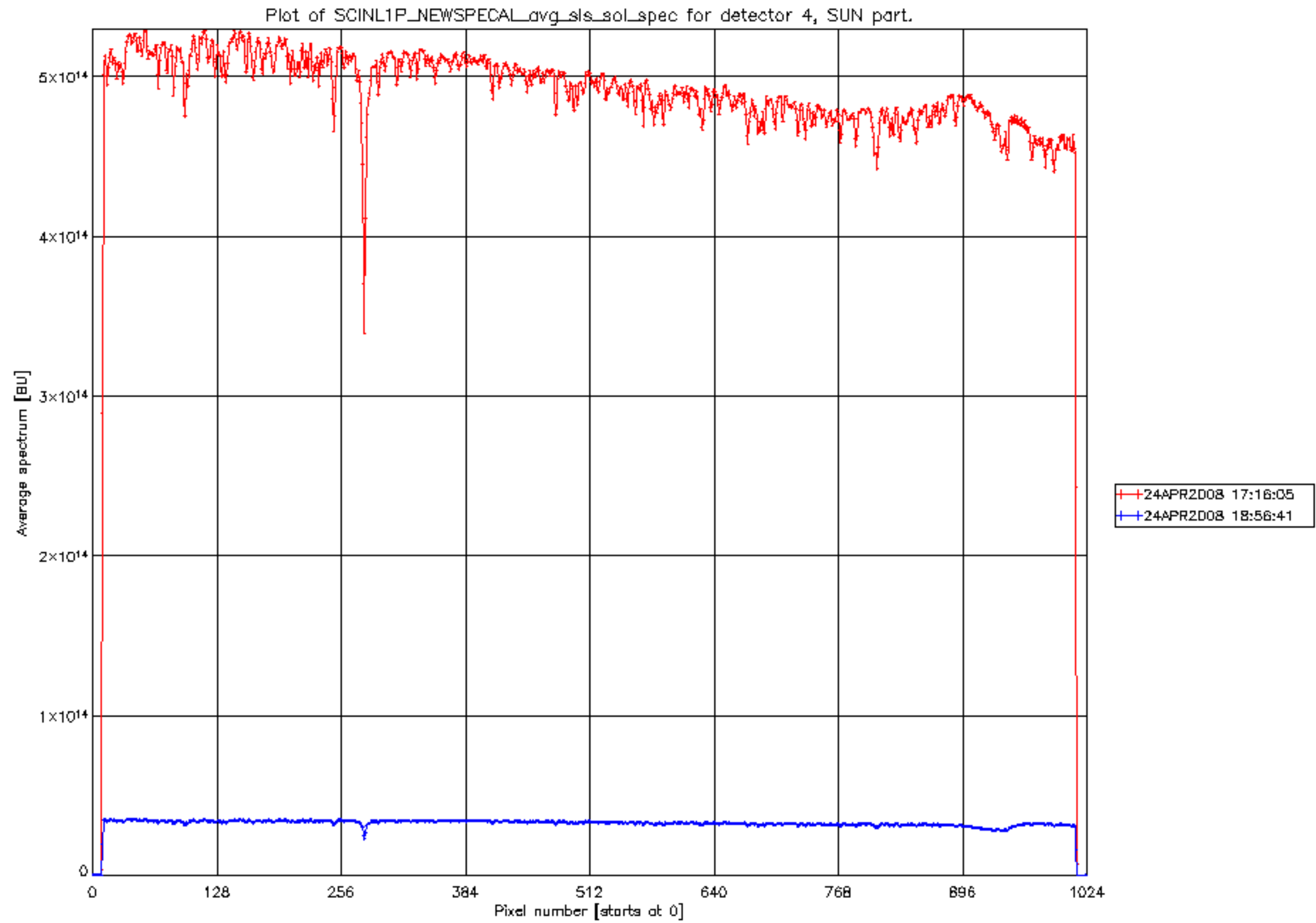
Plots of SCINL1P_NEWLEA_pmd_off vs time on 24APR2008 (red).
Dark average pmd data is given in blue for comparison.

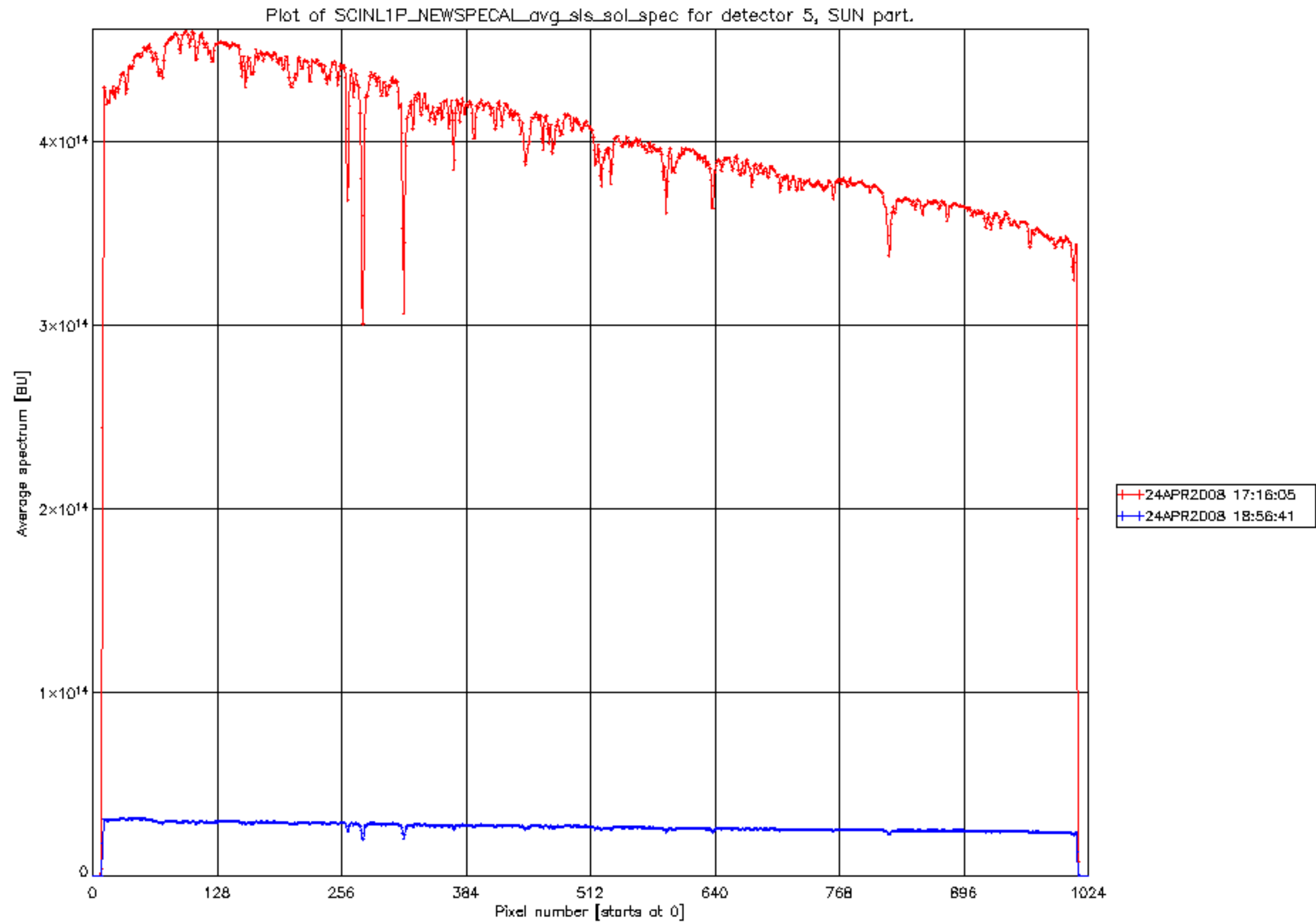


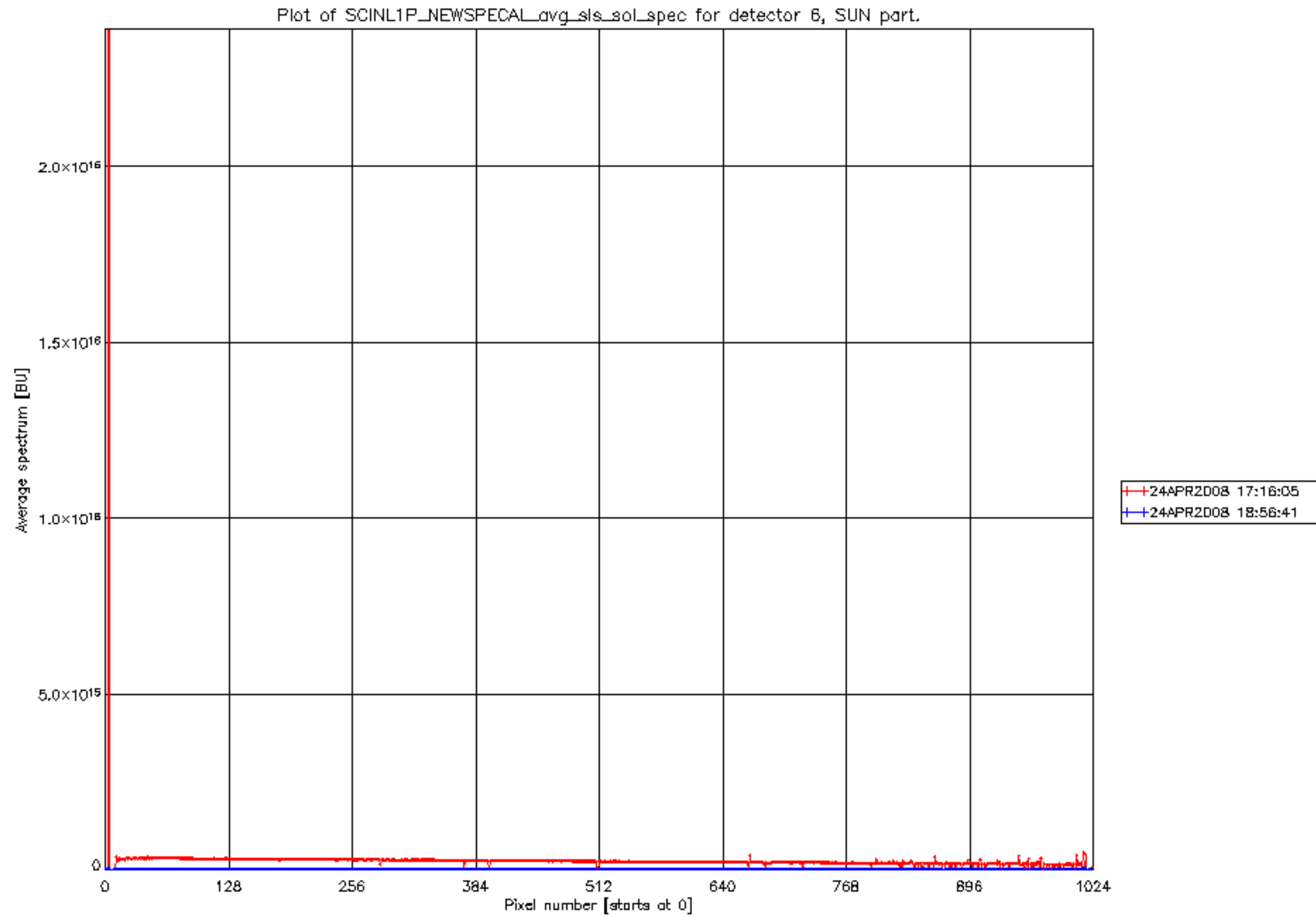


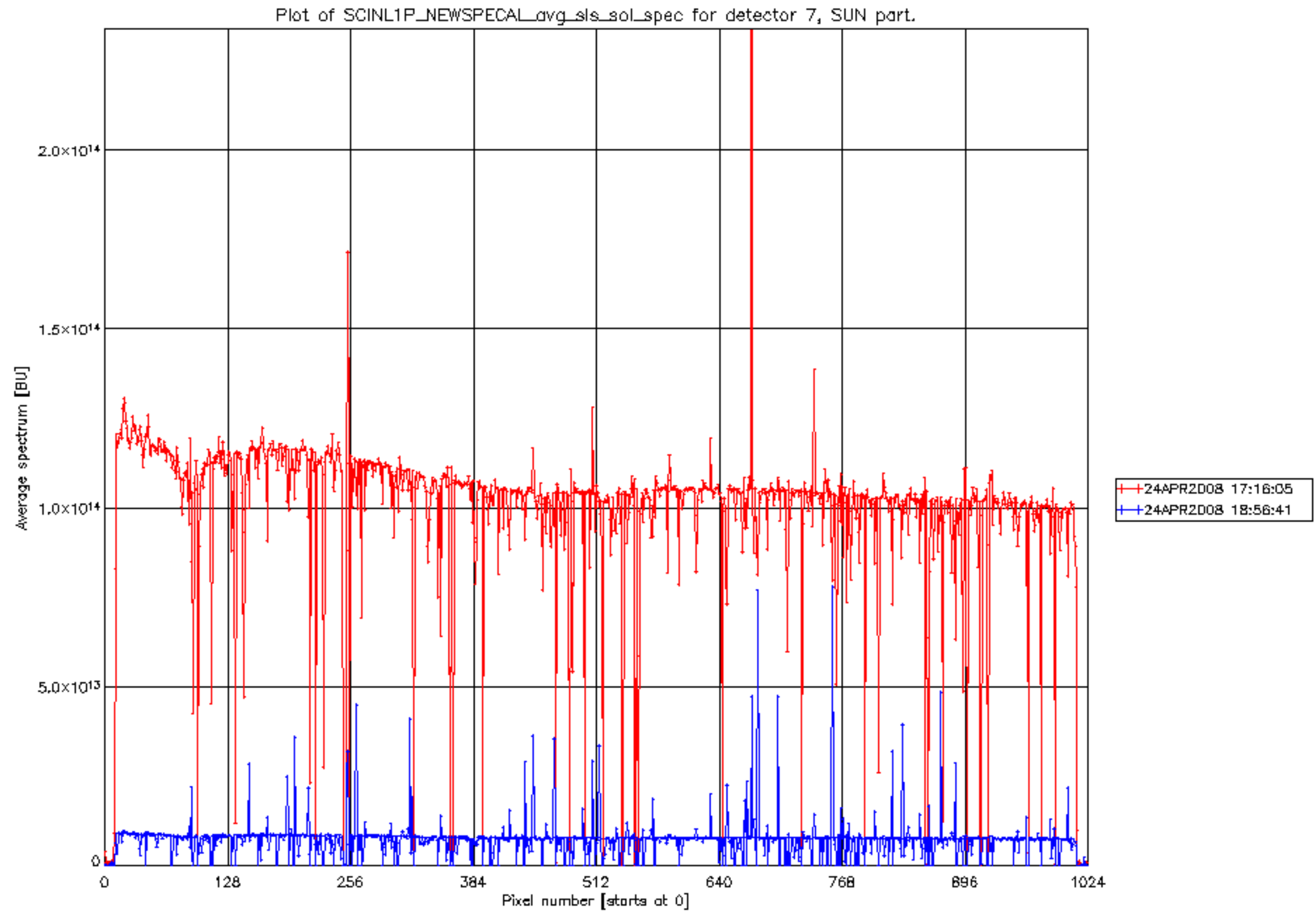


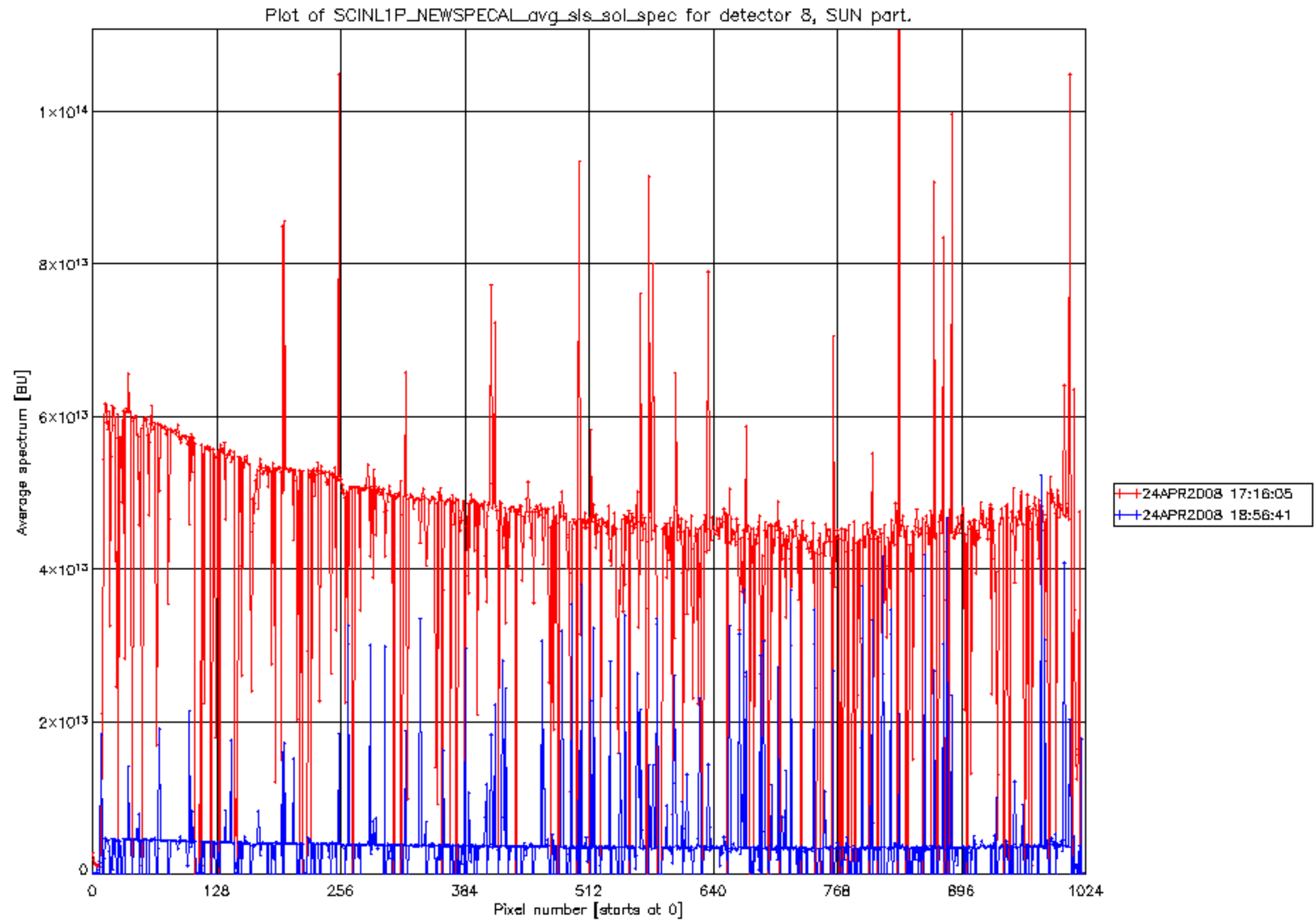


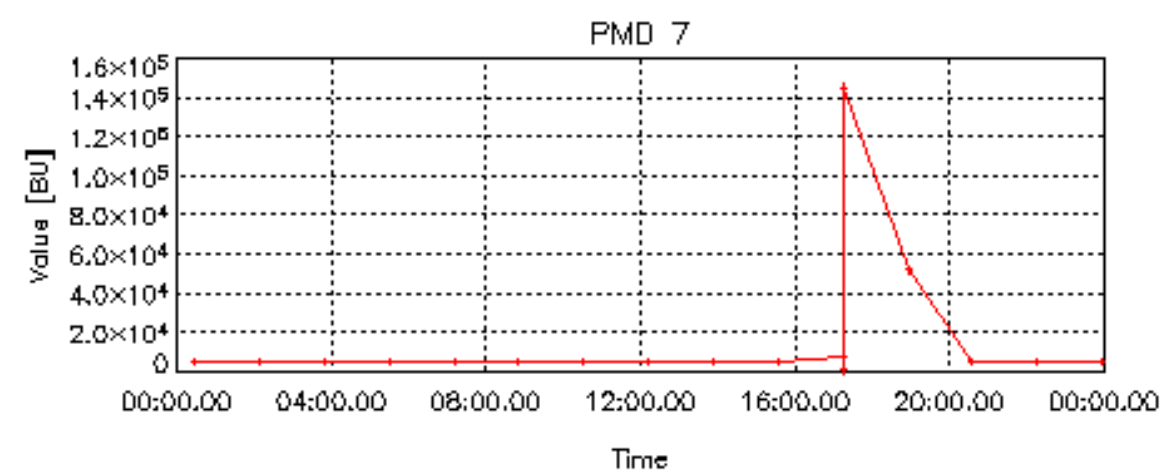
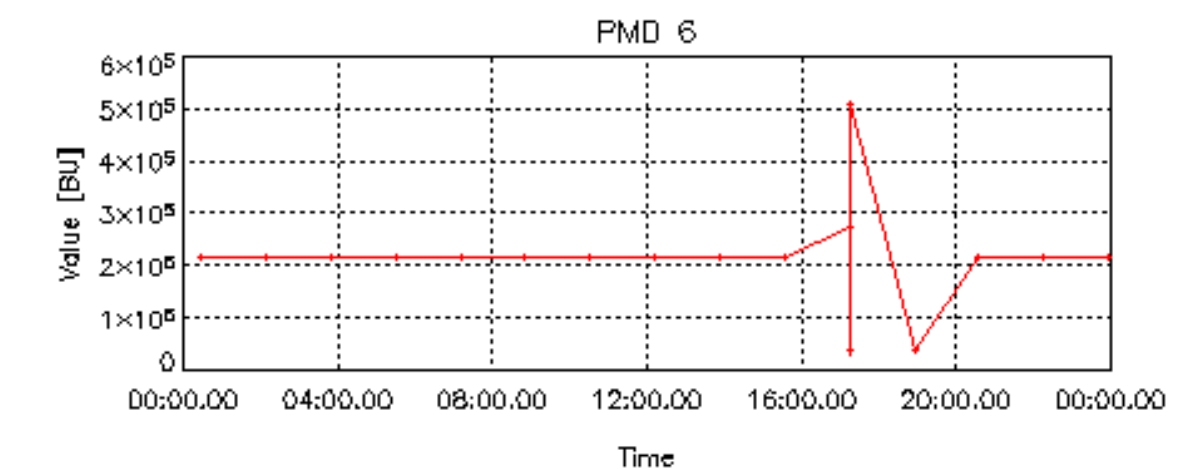
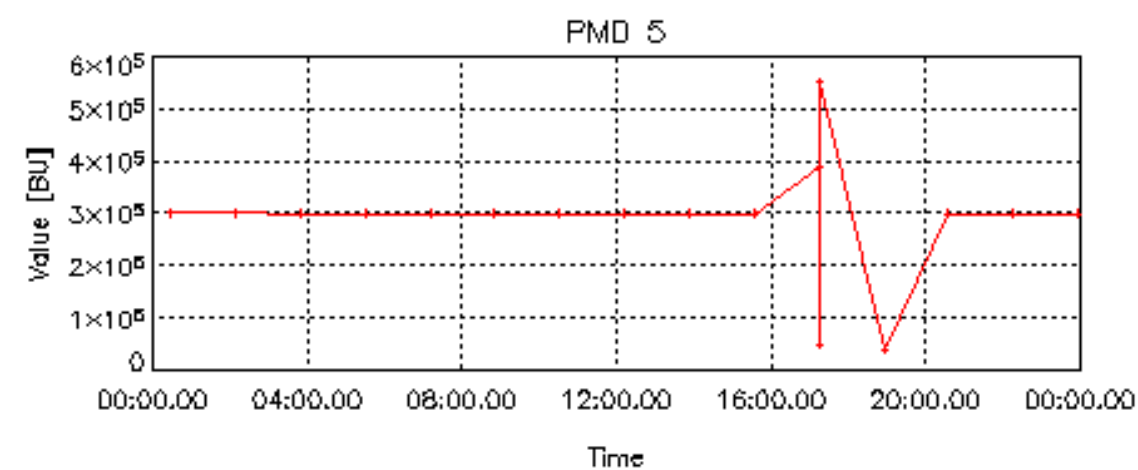
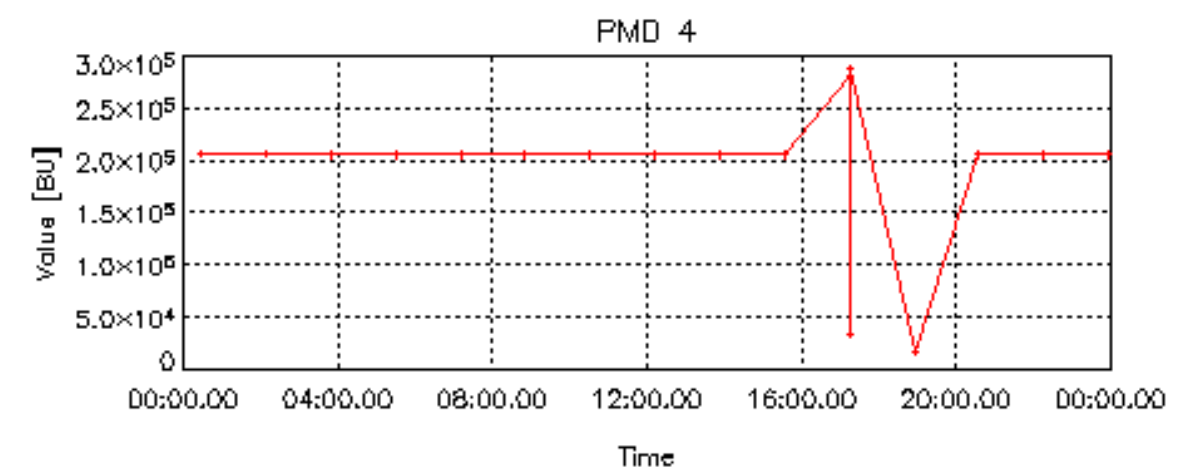
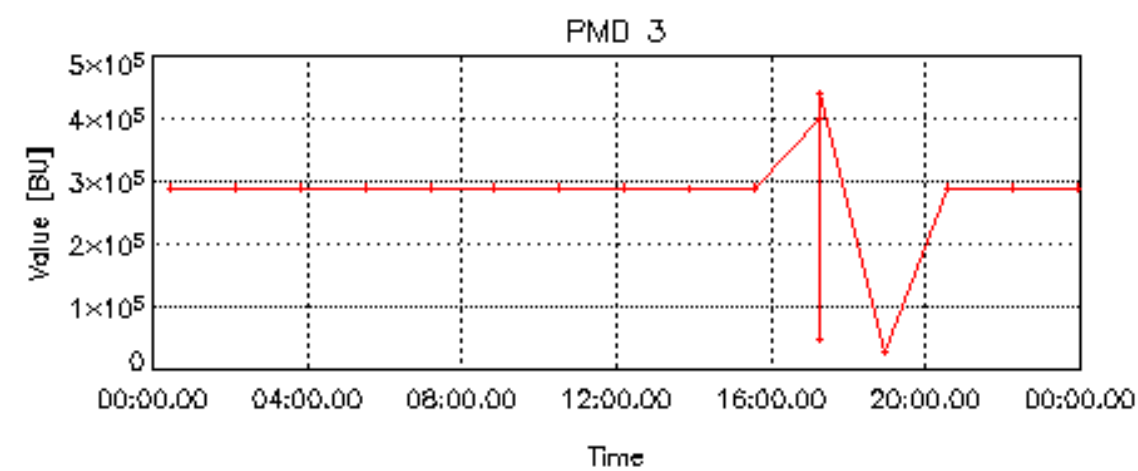
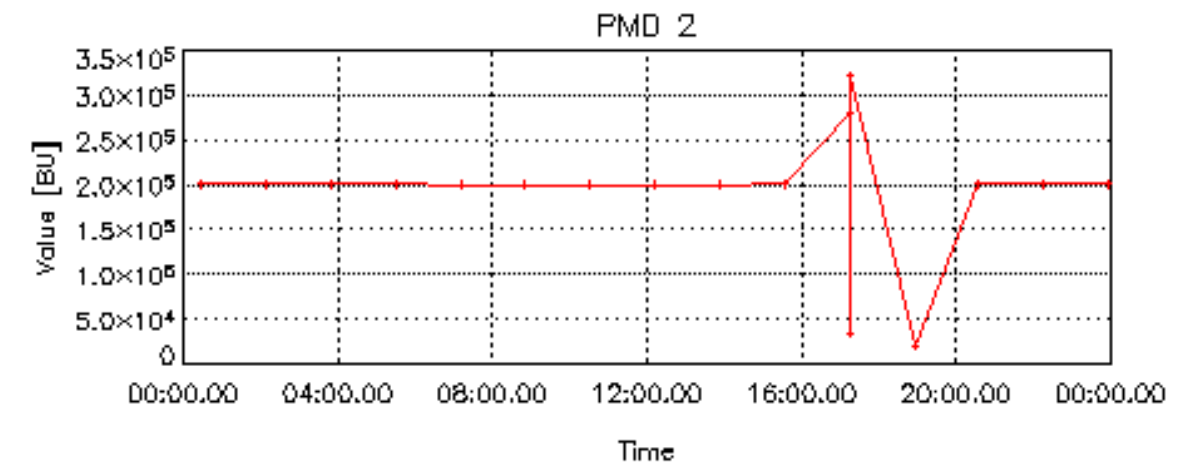
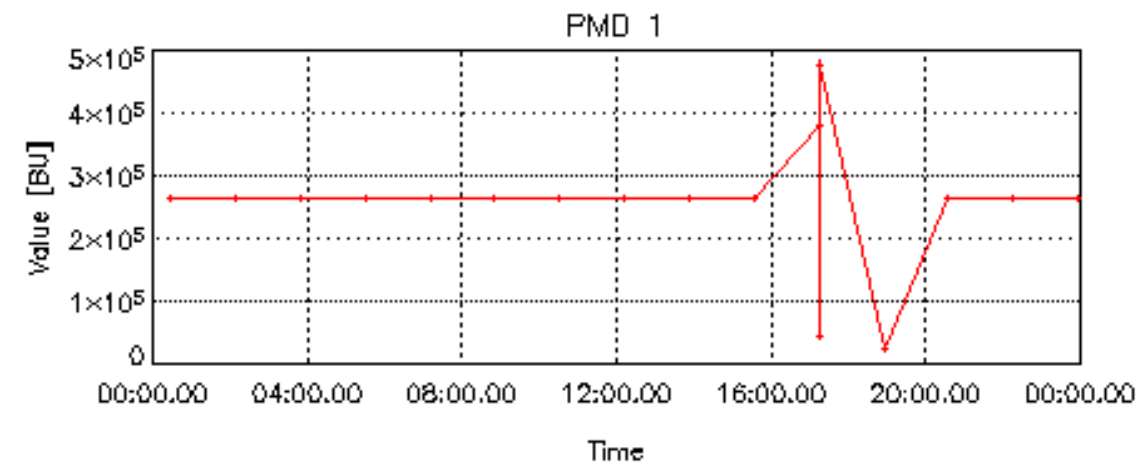


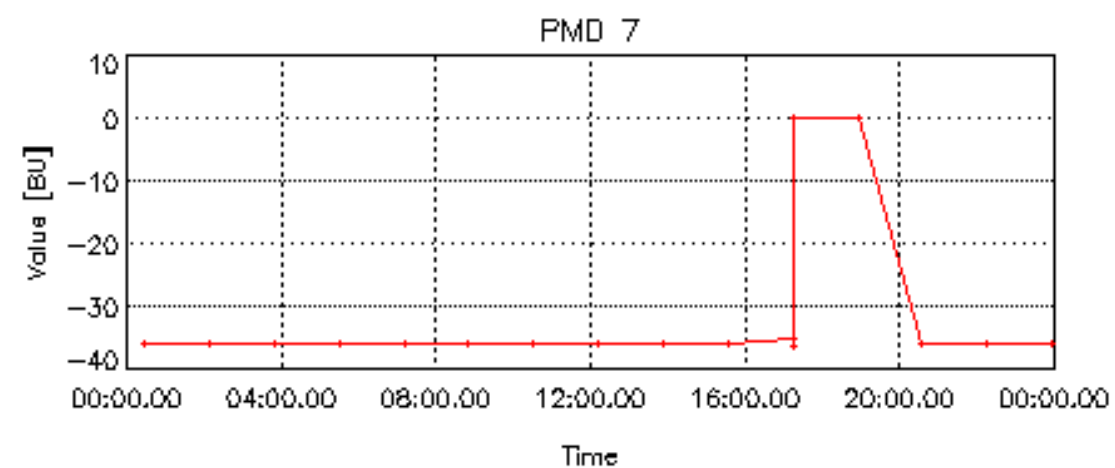
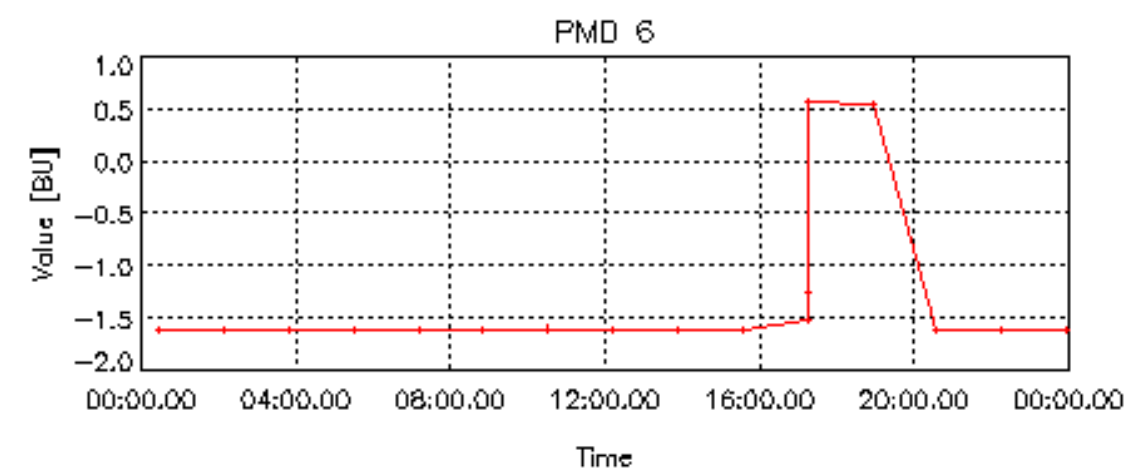
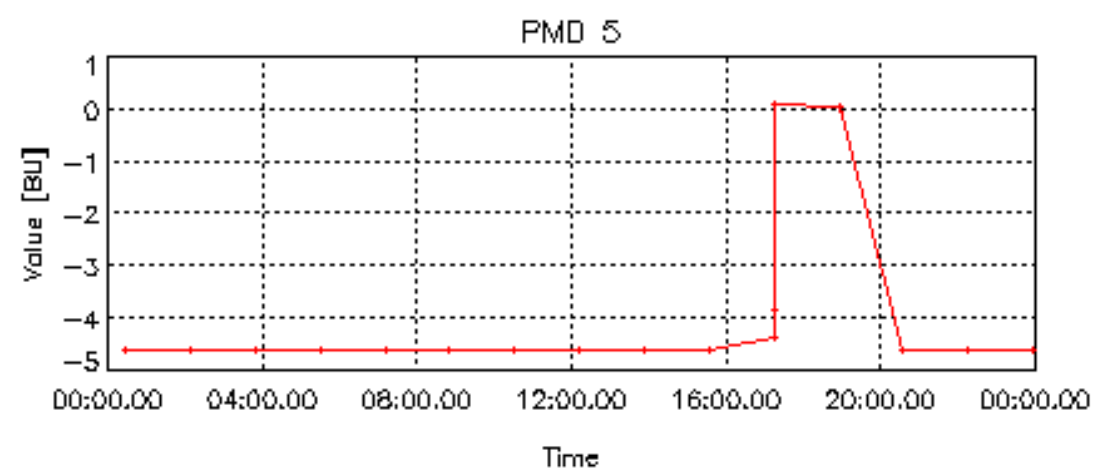
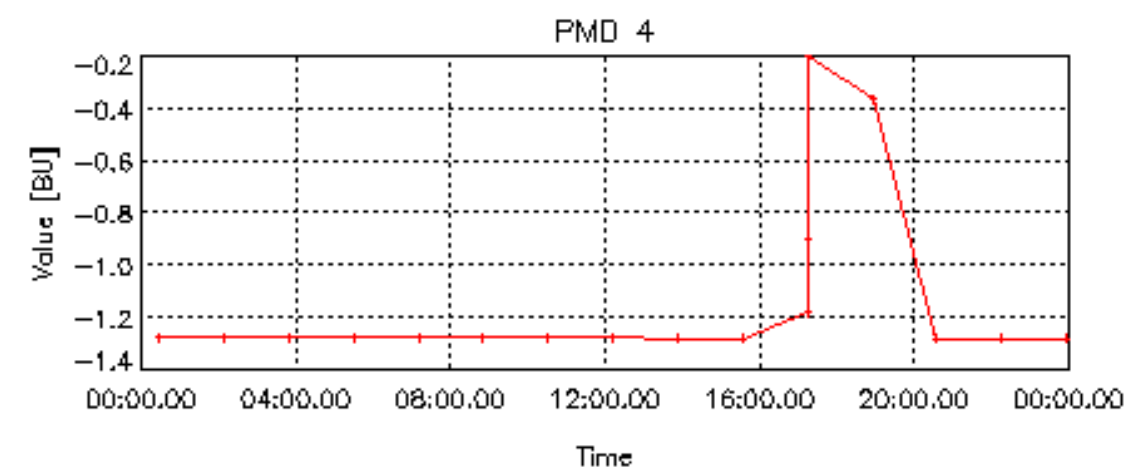
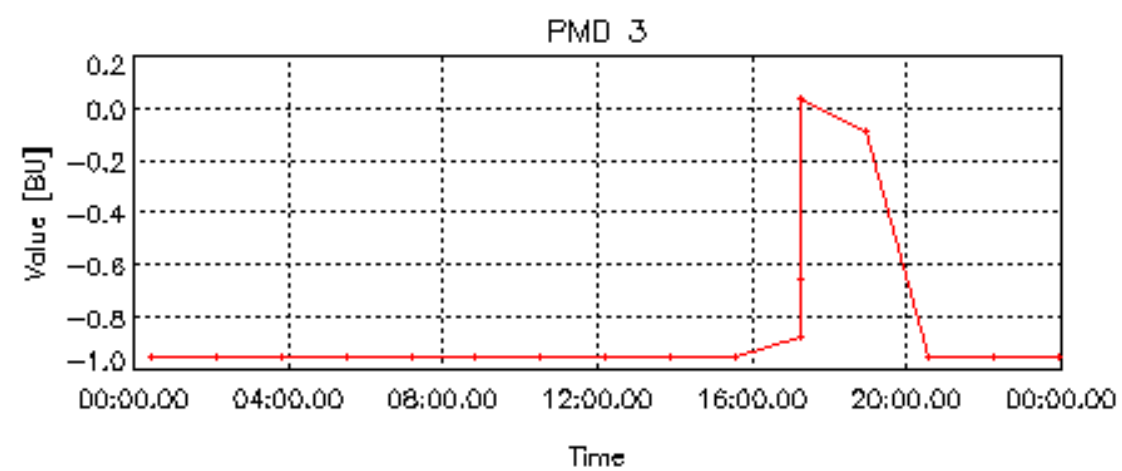
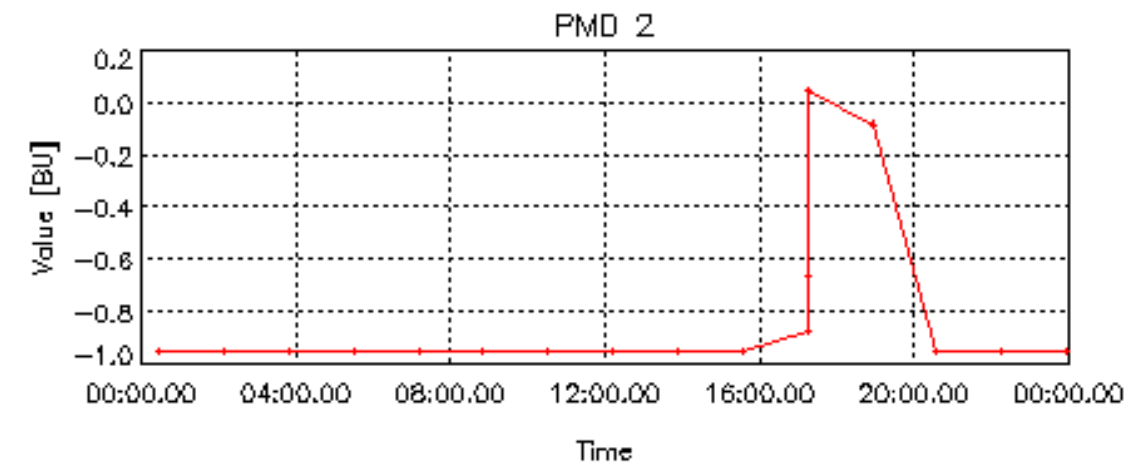
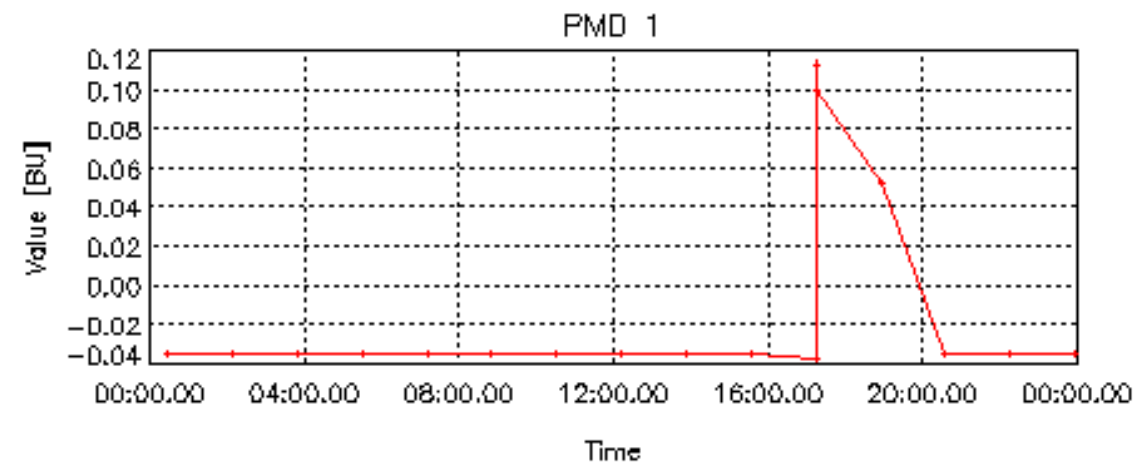




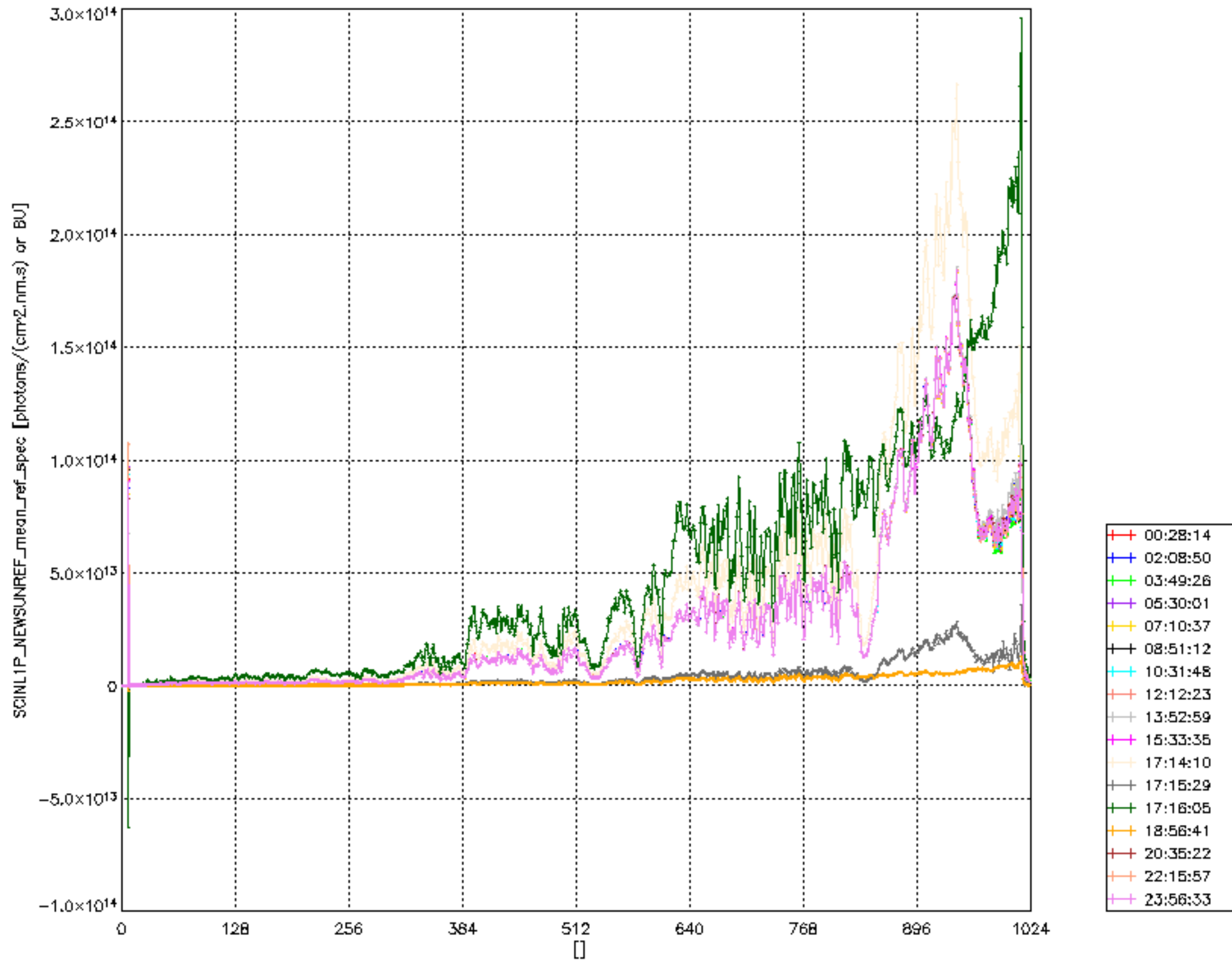




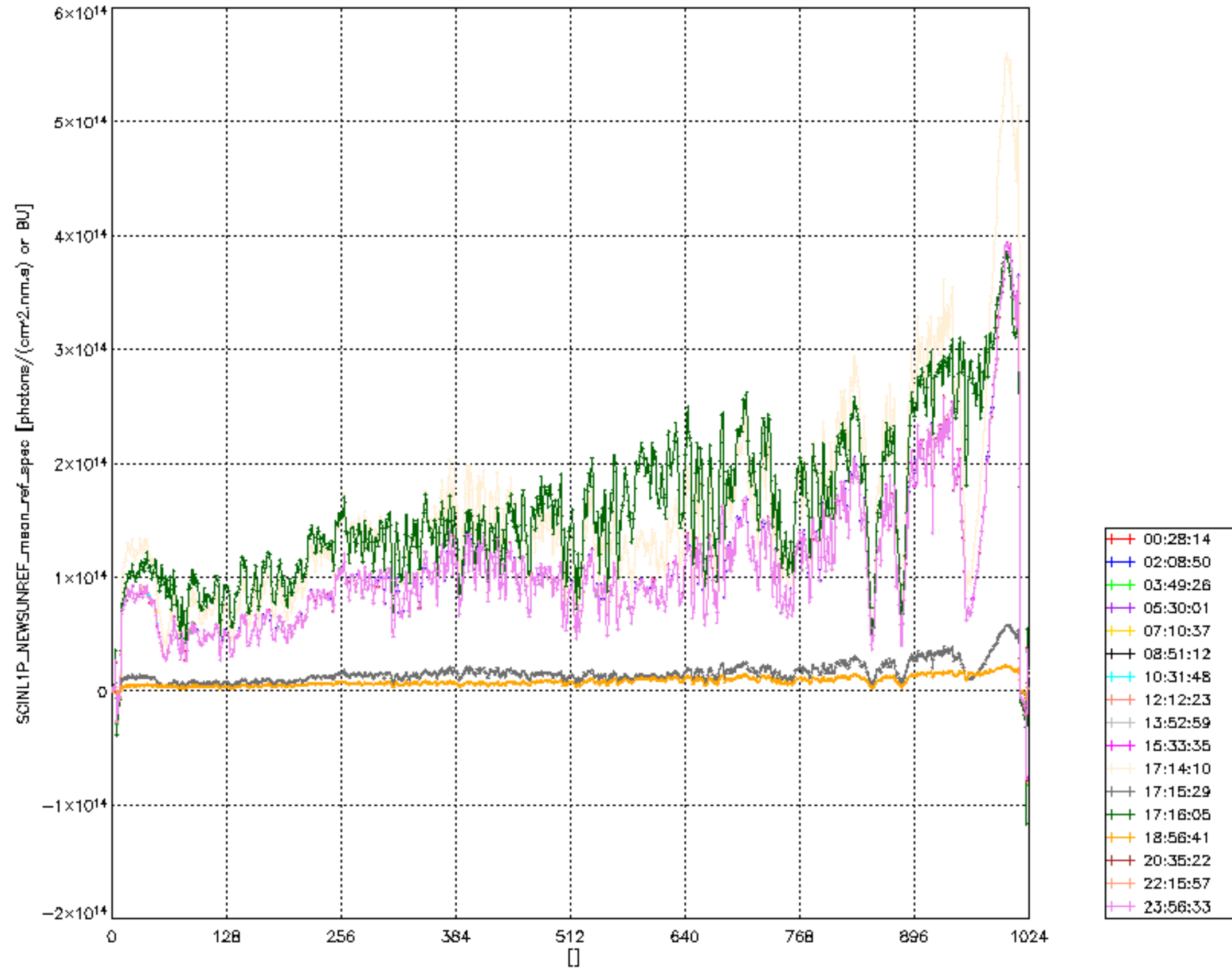




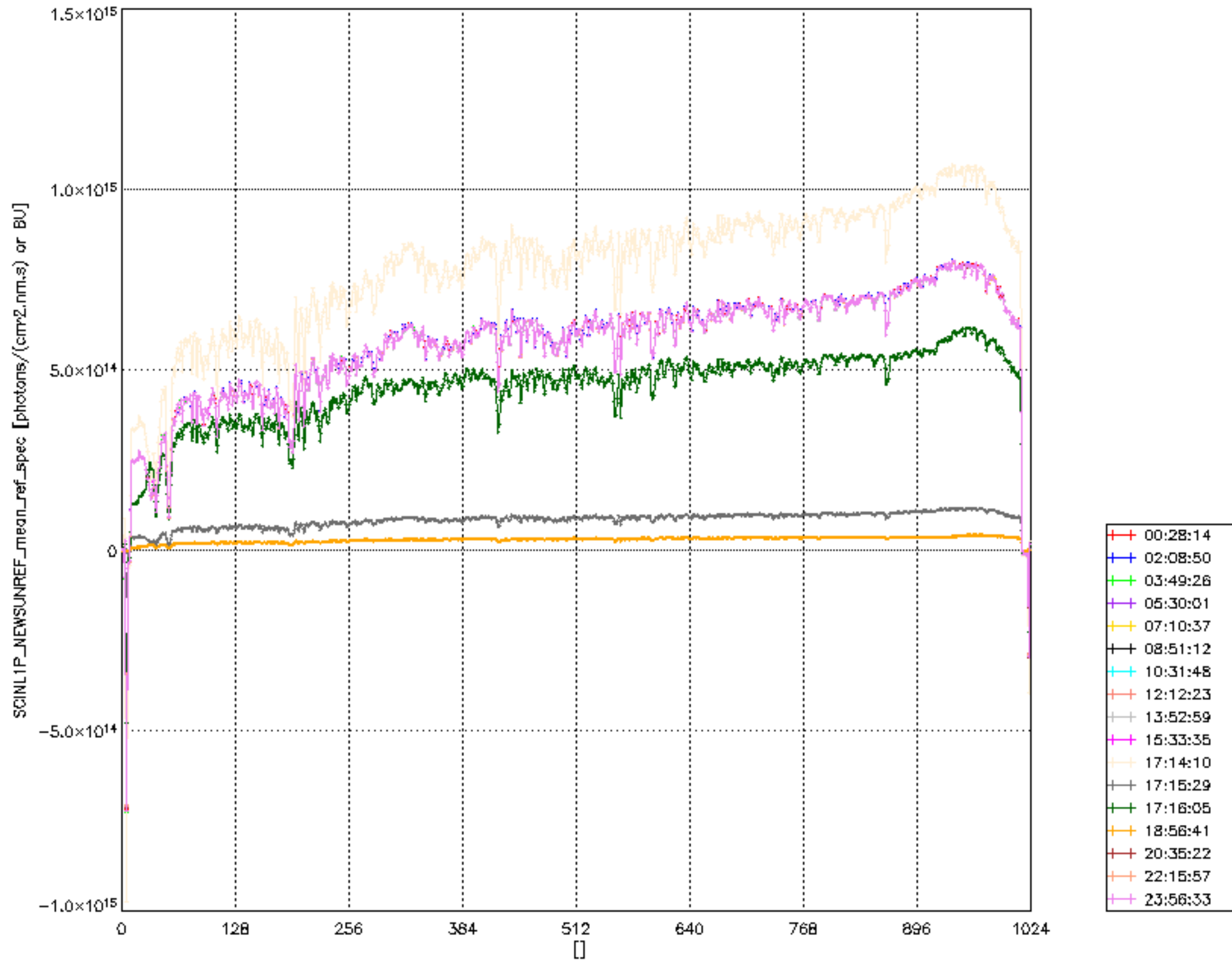
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 1 on 24APR2008
The colours indicate the time in hours since 24APR2008 00:00:00



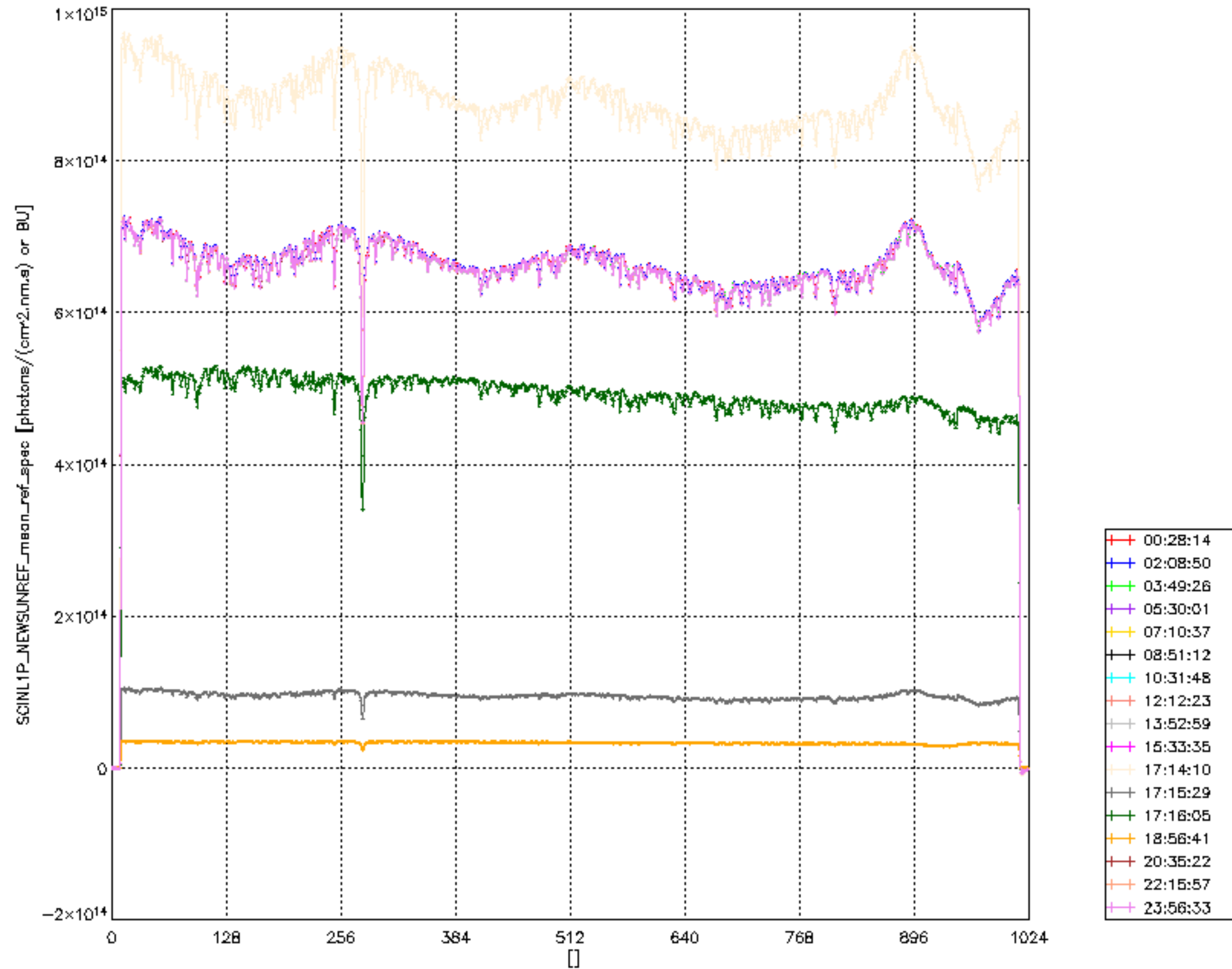
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 2 on 24APR2008
The colours indicate the time in hours since 24APR2008 00:00:00



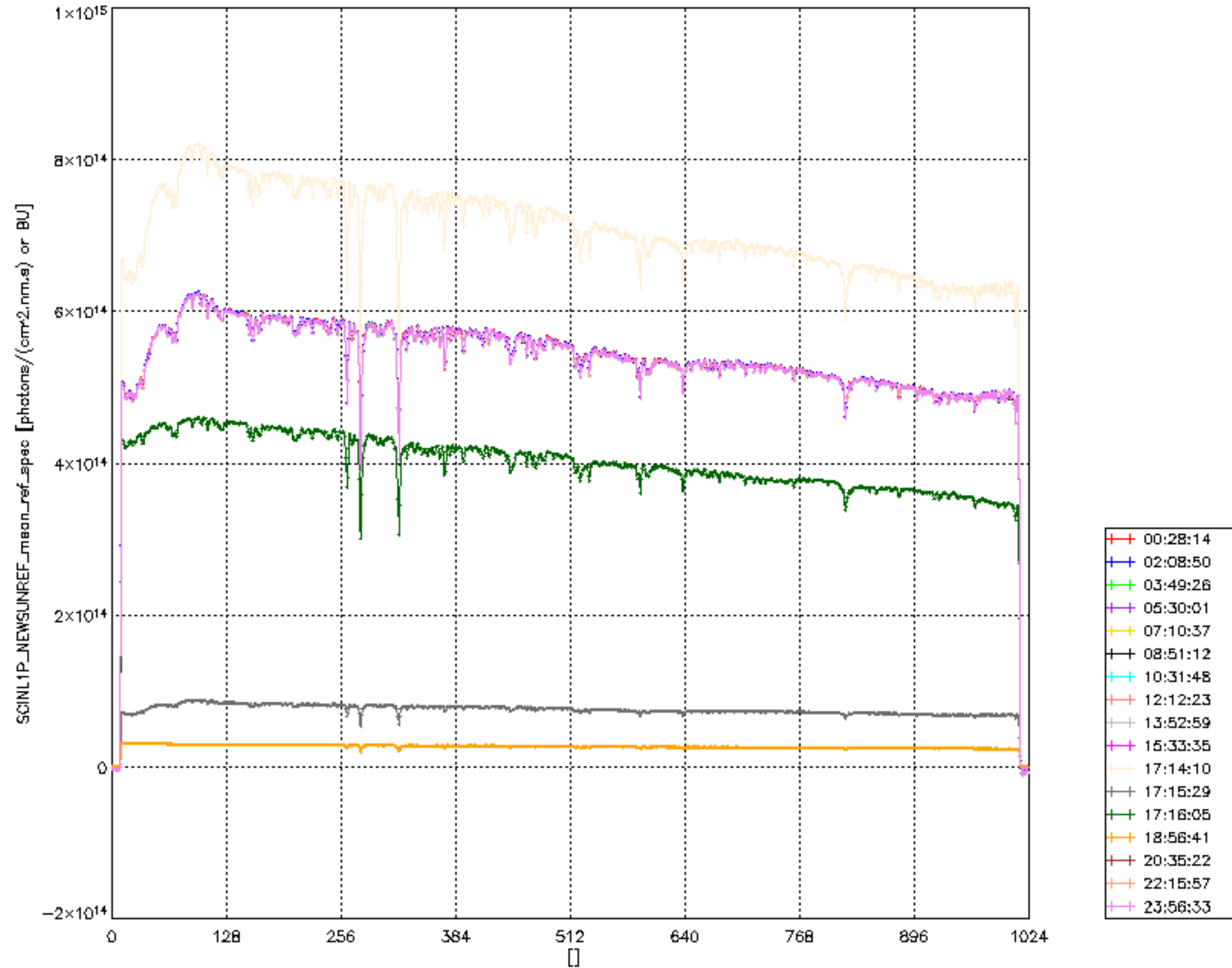
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 3 on 24APR2008
The colours indicate the time in hours since 24APR2008 00:00:00

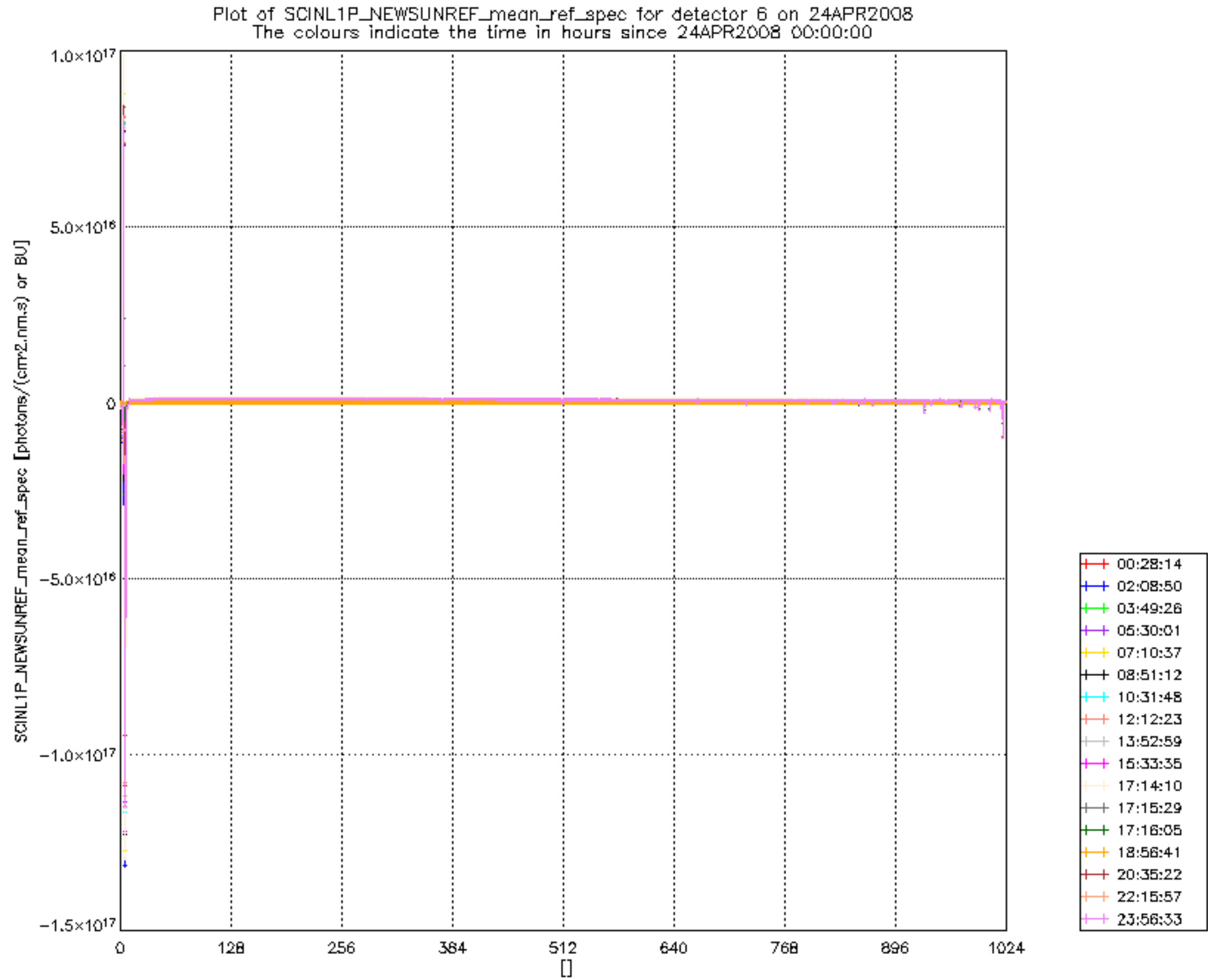


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 4 on 24APR2008
The colours indicate the time in hours since 24APR2008 00:00:00

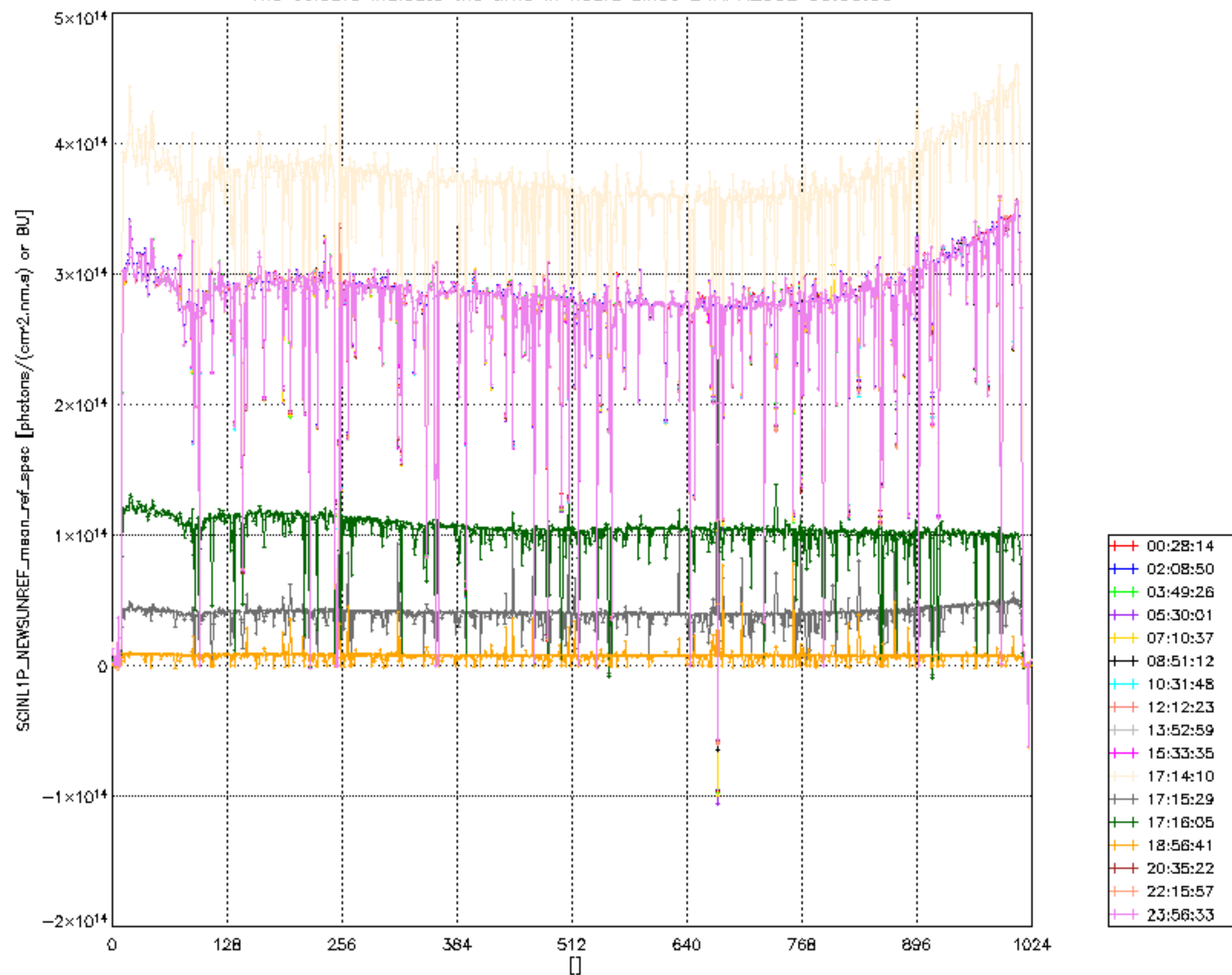


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 5 on 24APR2008
The colours indicate the time in hours since 24APR2008 00:00:00

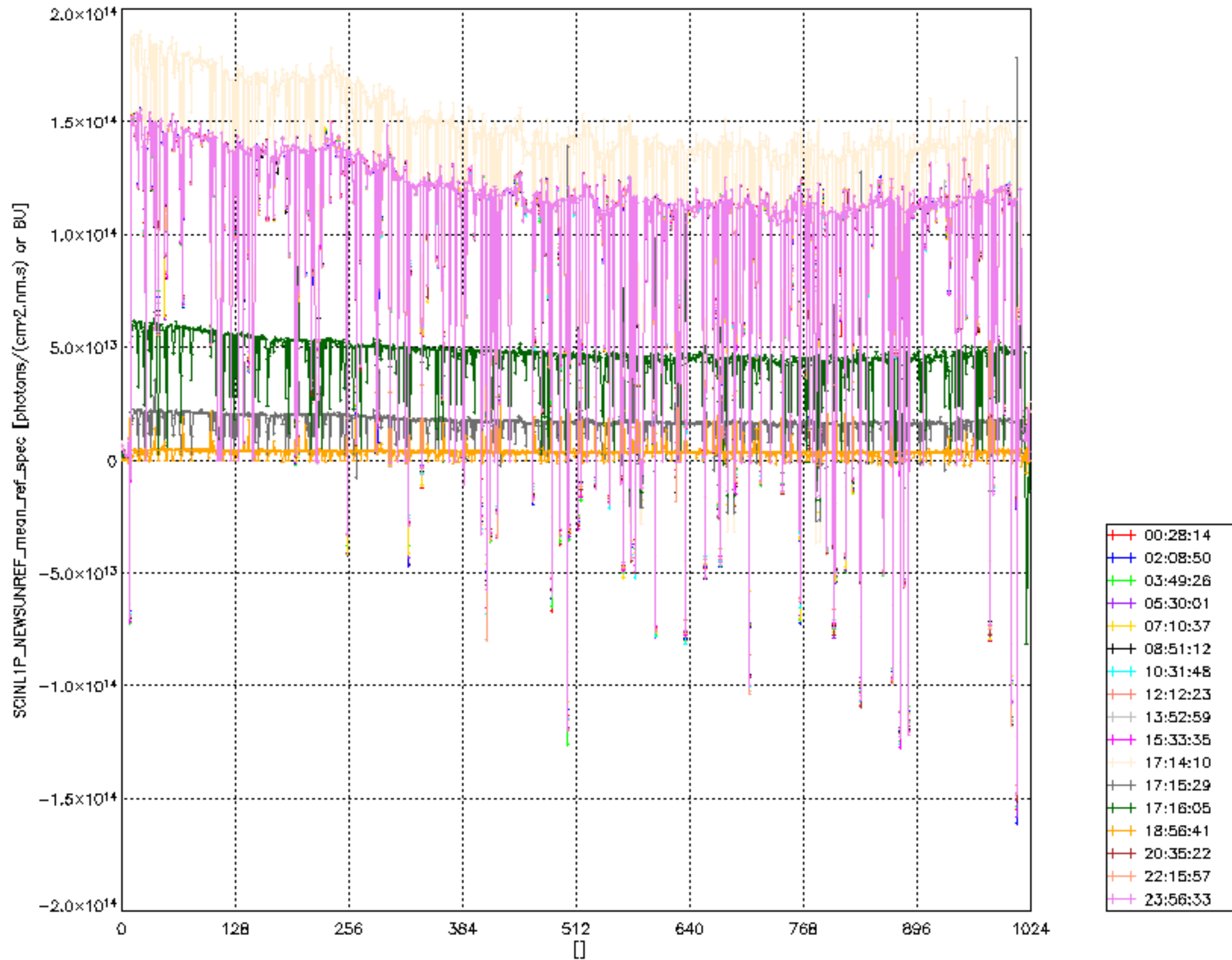




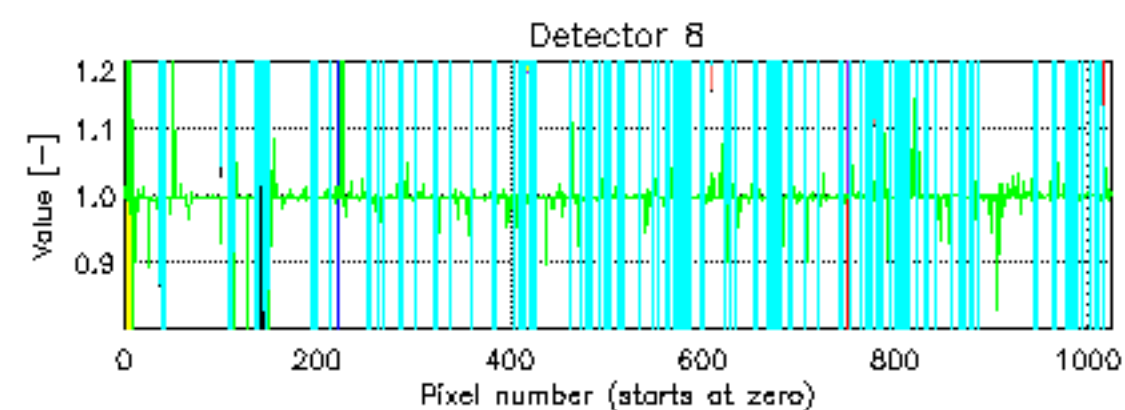
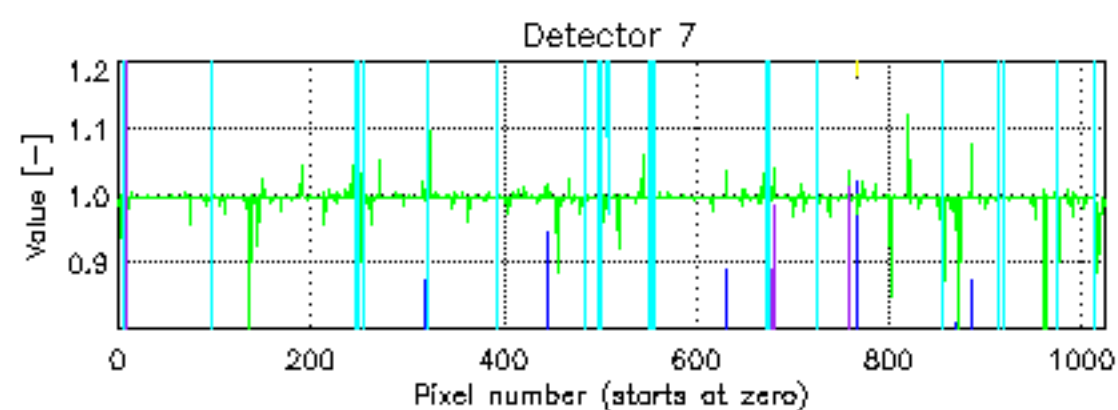
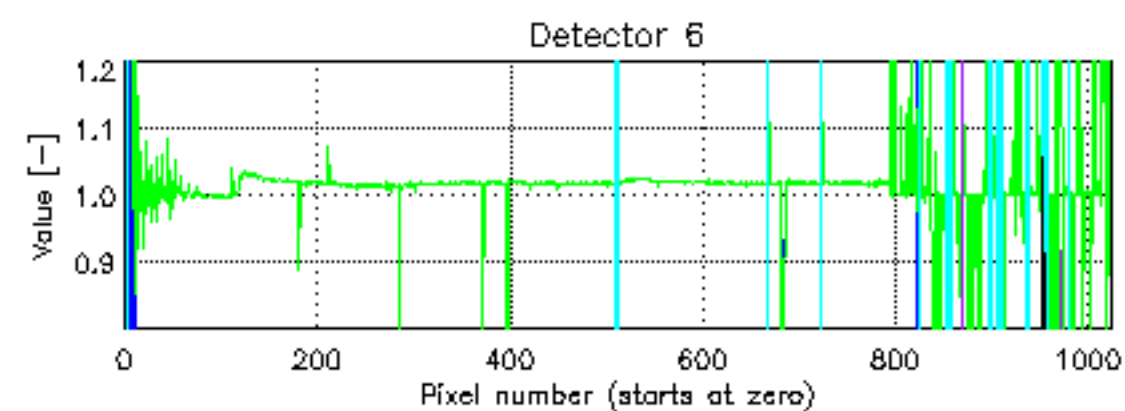
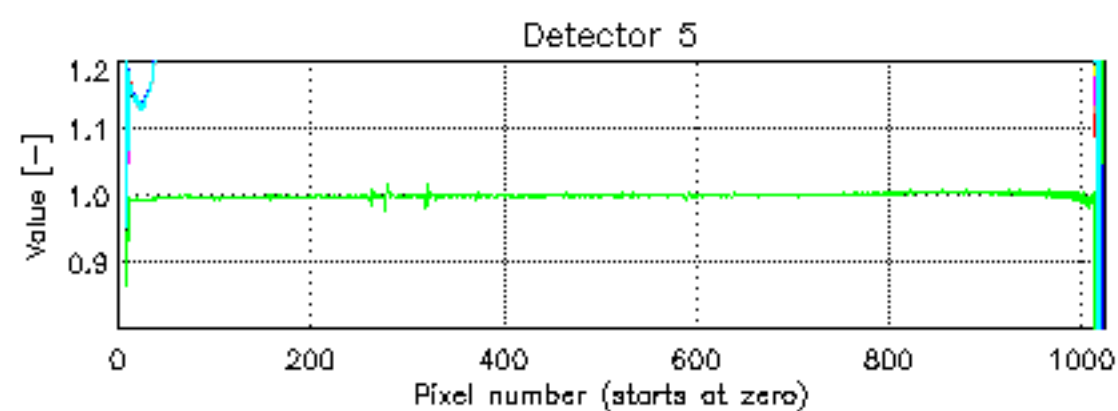
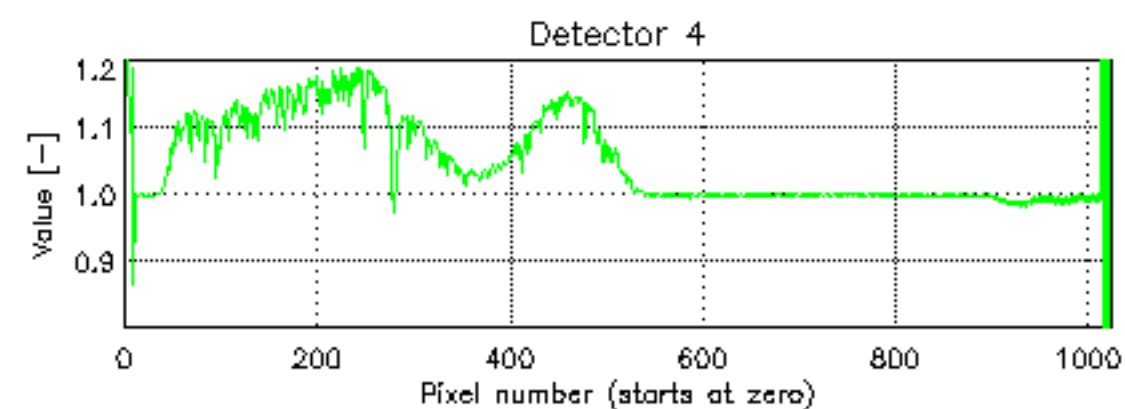
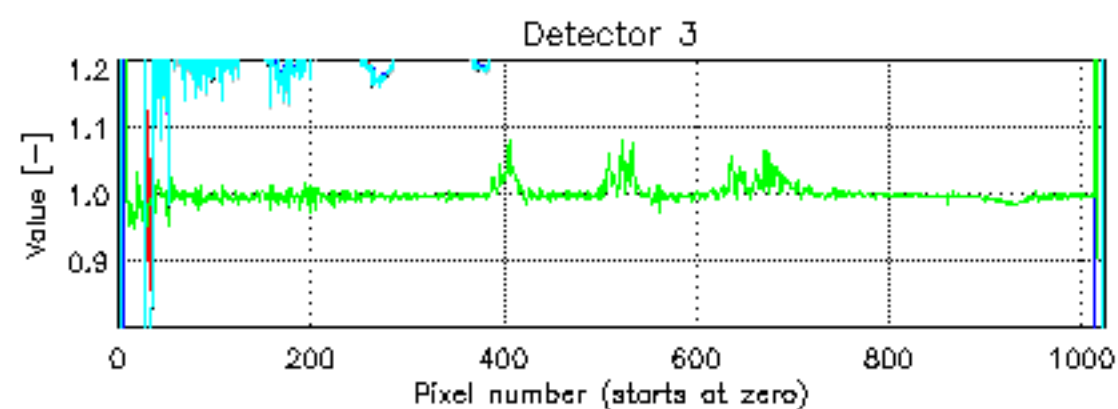
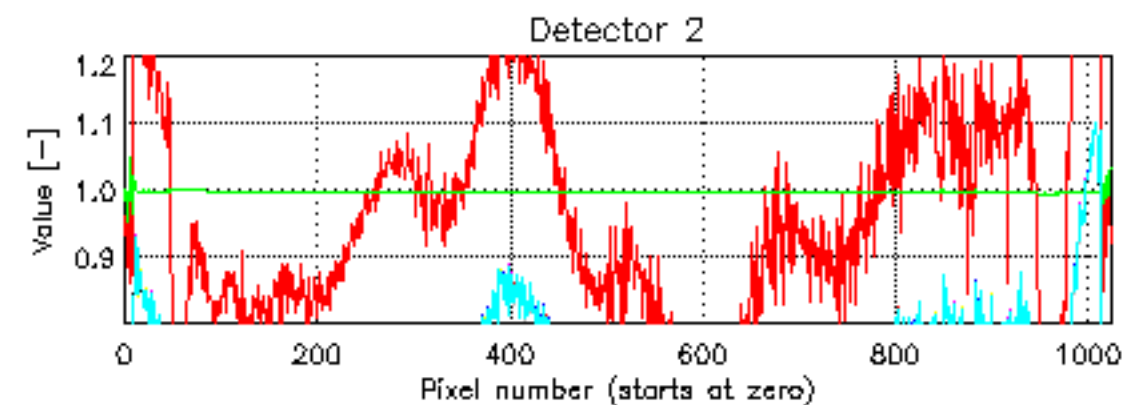
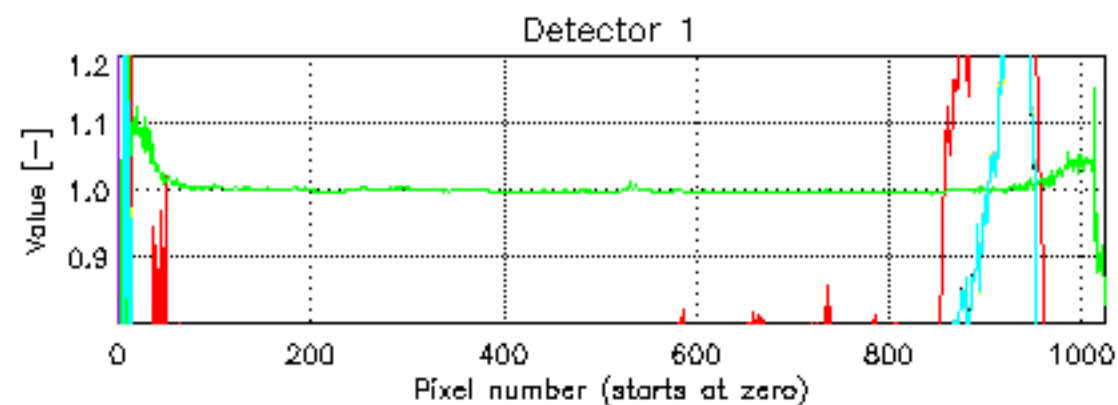
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 7 on 24APR2008
The colours indicate the time in hours since 24APR2008 00:00:00

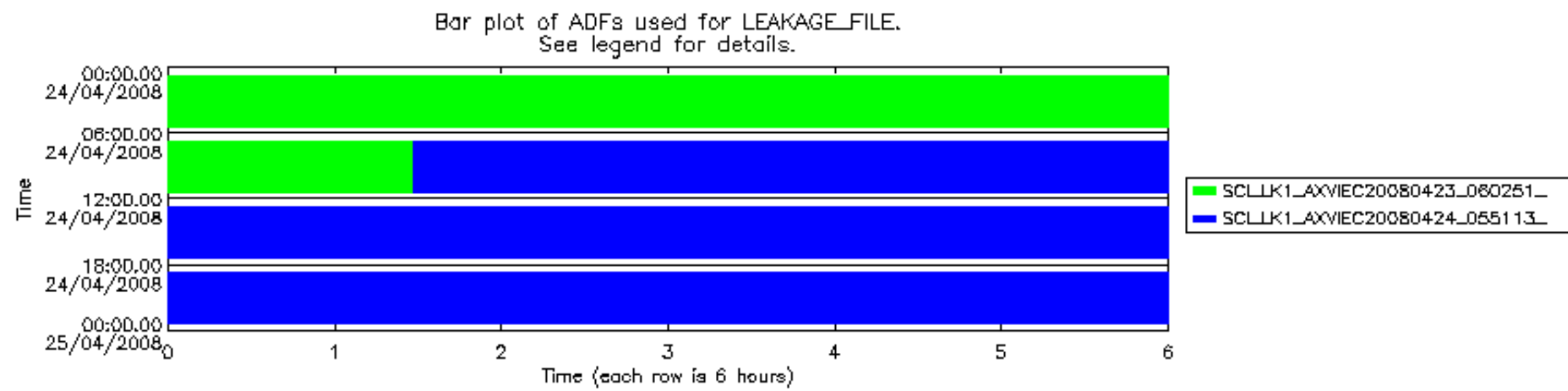


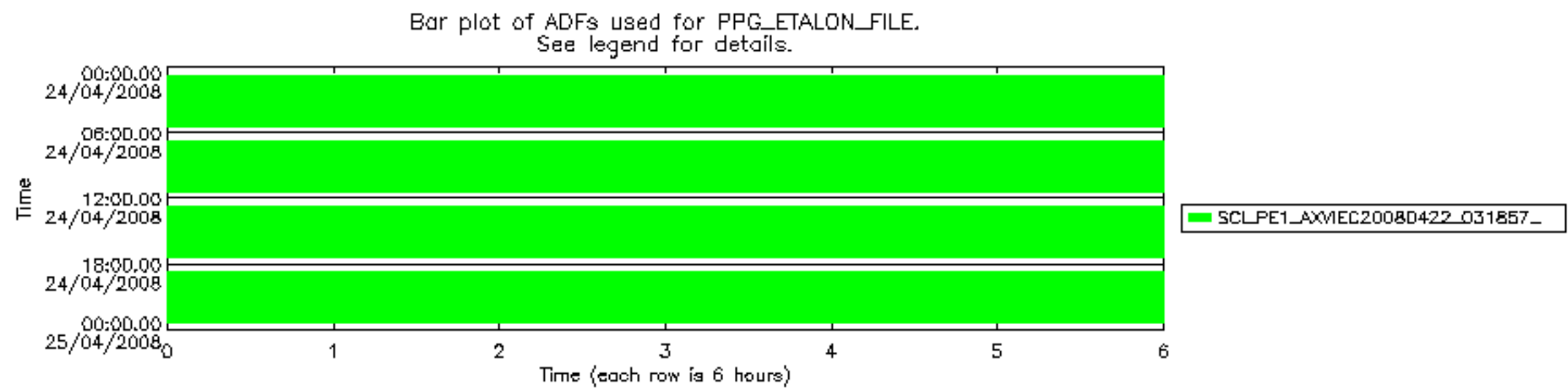
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector B on 24APR2008
The colours indicate the time in hours since 24APR2008 00:00:00

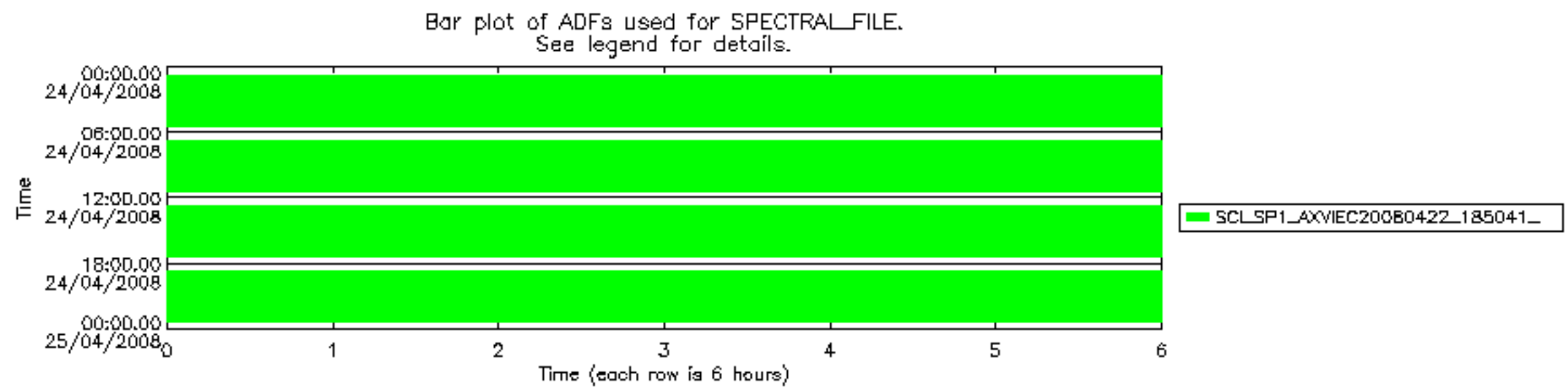


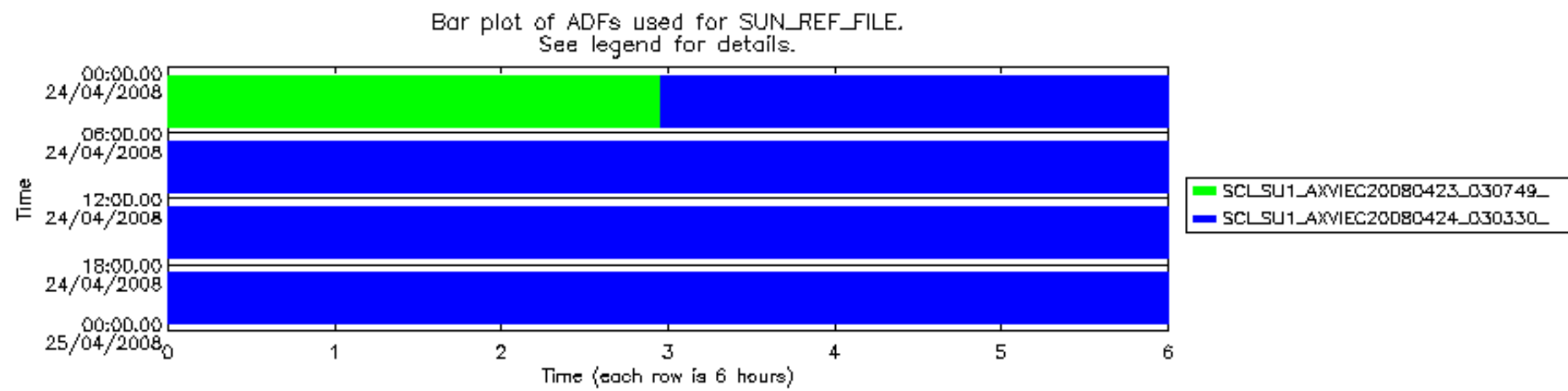
Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCLSU1_AXMEC20080423_030749_20080419_181633_20080504_195804

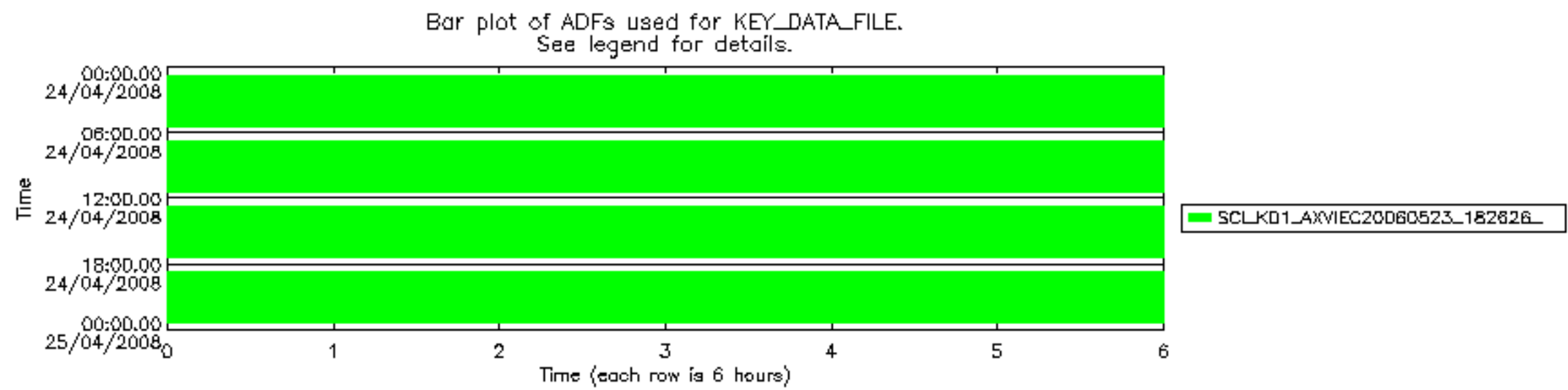


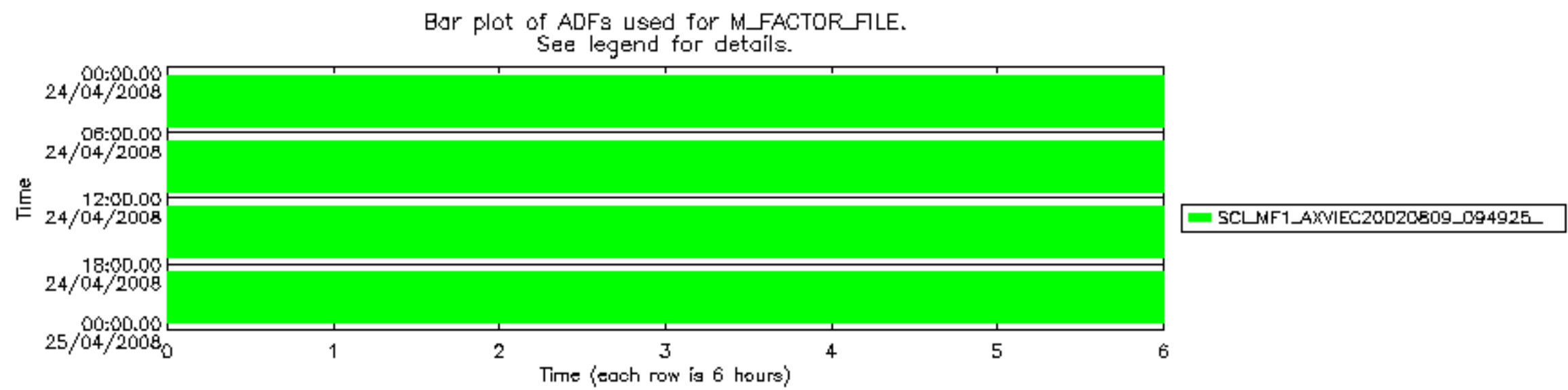


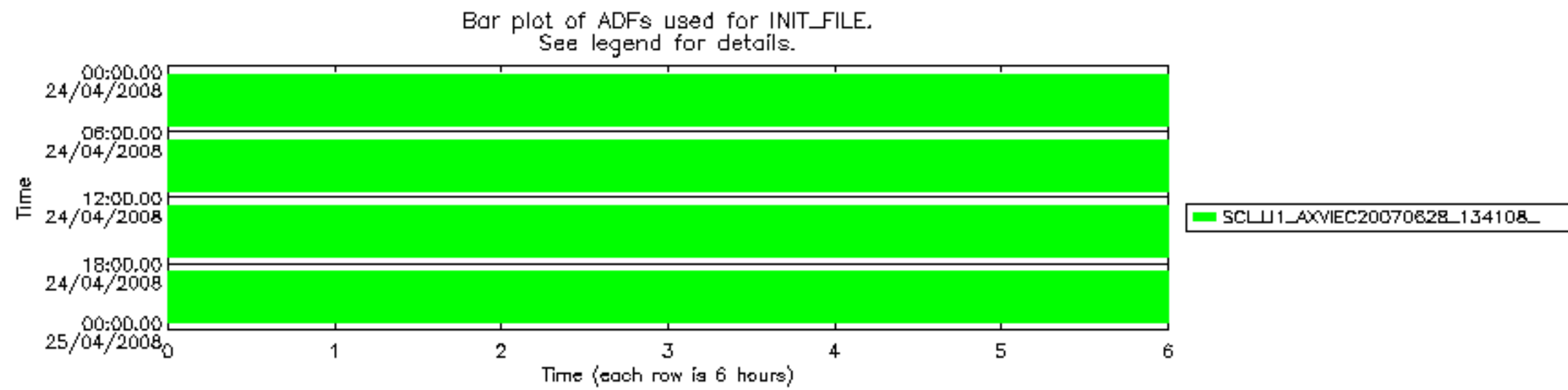


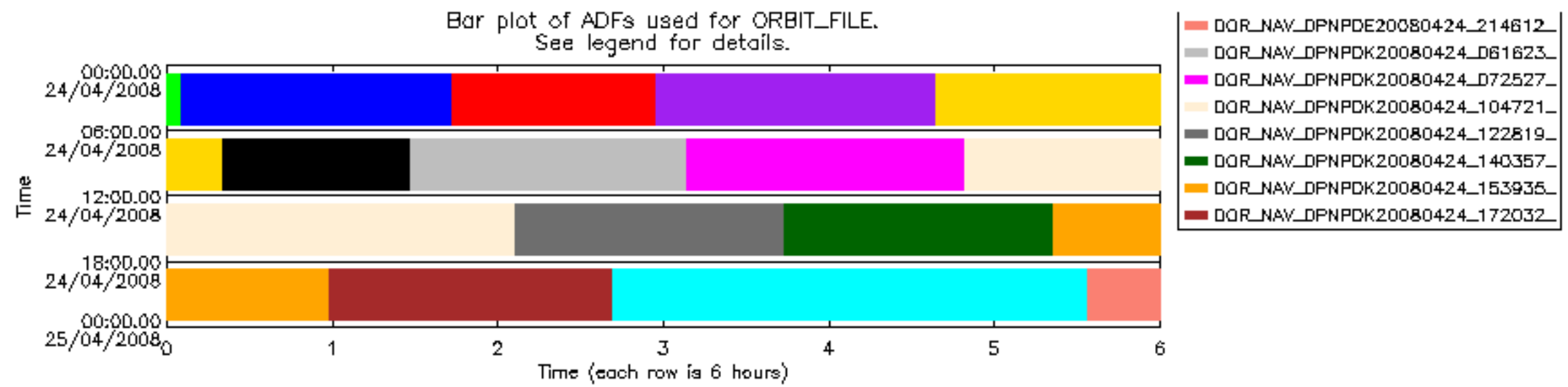


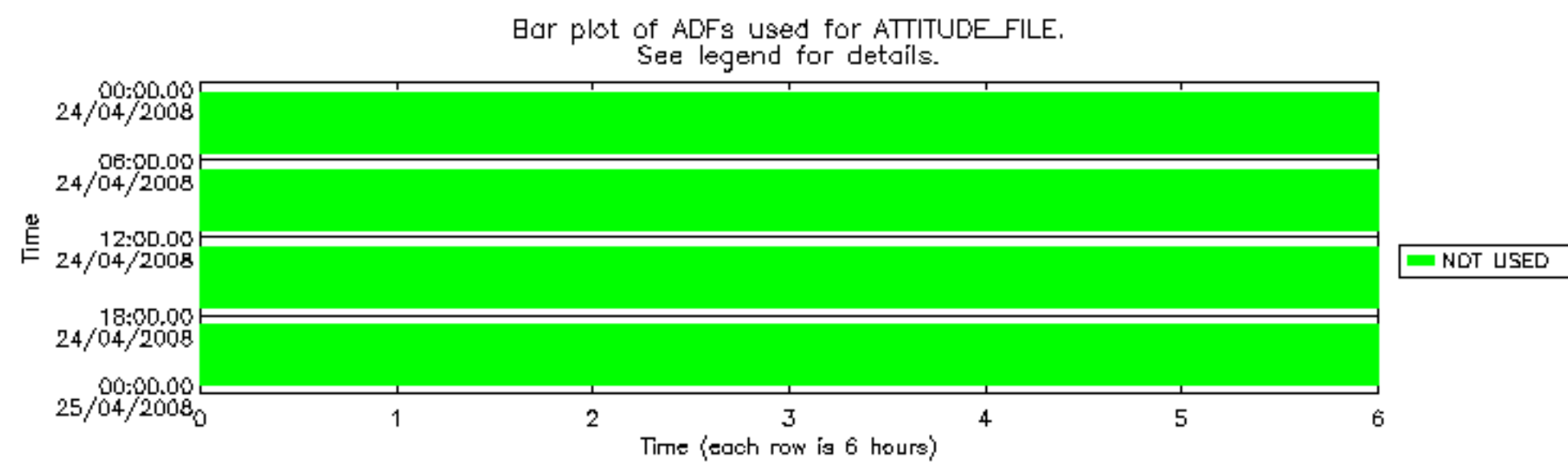












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 24APR2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

