

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	26APR2008 02:33:19
Data source version	SCIA/6.03-N
Processing scope for products	23APR2008 00:00:00 to 24APR2008 00:00:00
Start time of first product within scope	22APR2008 22:56:51
Stop time of last product within scope	24APR2008 00:06:26
Total number of level 1 products	16
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__1PNPDE20080422_225651_000060912068_00015_32133_3572.N1	22APR2008 22:56:51	23APR2008 00:38:22	0	35	43	1	0	3	18	0
1	SCI_NL__1PNPDE20080423_003642_000058082068_00016_32134_3663.N1	23APR2008 00:36:42	23APR2008 02:13:31	0	34	43	1	0	3	11	1
2	SCI_NL__1PNPDE20080423_021221_000046382068_00017_32135_3829.N1	23APR2008 02:12:21	23APR2008 03:29:39	0	21	43	1	0	2	13	0
3	SCI_NL__1PNPDE20080423_032815_000062272068_00018_32136_3975.N1	23APR2008 03:28:15	23APR2008 05:12:02	0	36	46	1	0	3	15	0
4	SCI_NL__1PNPDE20080423_051042_000061002068_00019_32137_4129.N1	23APR2008 05:10:42	23APR2008 06:52:23	0	34	45	1	0	3	15	0
5	SCI_NL__1PNPDK20080423_065130_000040692068_00020_32138_4035.N1	23APR2008 06:51:30	23APR2008 07:59:20	0	18	29	1	0	3	13	2
6	SCI_NL__1PNPDK20080423_075842_000061372068_00021_32139_4206.N1	23APR2008 07:58:42	23APR2008 09:41:00	0	34	46	1	0	3	15	0
7	SCI_NL__1PNPDK20080423_093931_000060532068_00022_32140_4325.N1	23APR2008 09:39:31	23APR2008 11:20:24	0	34	45	1	0	3	13	2
8	SCI_NL__1PNPDK20080423_111858_000060842068_00023_32141_4444.N1	23APR2008 11:18:58	23APR2008 13:00:22	0	34	45	1	0	3	15	0
9	SCI_NL__1PNPDK20080423_125933_000059692068_00024_32142_4576.N1	23APR2008 12:59:33	23APR2008 14:39:03	0	33	45	1	0	3	13	2
10	SCI_NL__1PNPDK20080423_143804_000058402068_00025_32143_4707.N1	23APR2008 14:38:04	23APR2008 16:15:25	0	32	43	1	0	3	15	0
11	SCI_NL__1PNPDK20080423_161335_000059402068_00026_32144_4829.N1	23APR2008 16:13:35	23APR2008 17:52:35	0	33	44	2	1	3	13	2
12	SCI_NL__1PNPDK20080423_175116_000061152068_00027_32145_4954.N1	23APR2008 17:51:16	23APR2008 19:33:11	0	35	45	1	2	3	15	0
13	SCI_NL__1PNPDK20080423_193055_000061202068_00028_32146_5019.N1	23APR2008 19:30:55	23APR2008 21:12:56	0	35	45	1	0	3	15	0
14	SCI_NL__1PNPDE20080423_211113_000043332068_00029_32147_4666.N1	23APR2008 21:11:13	23APR2008 22:23:27	0	34	25	0	0	3	4	1
15	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

1.2 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:

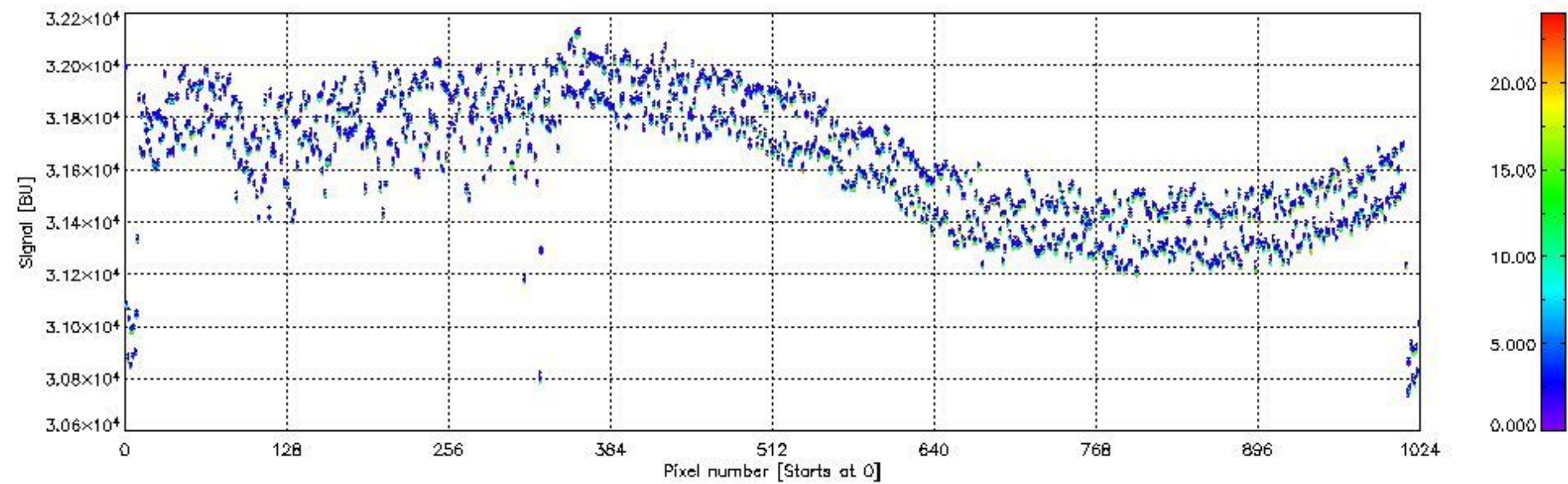
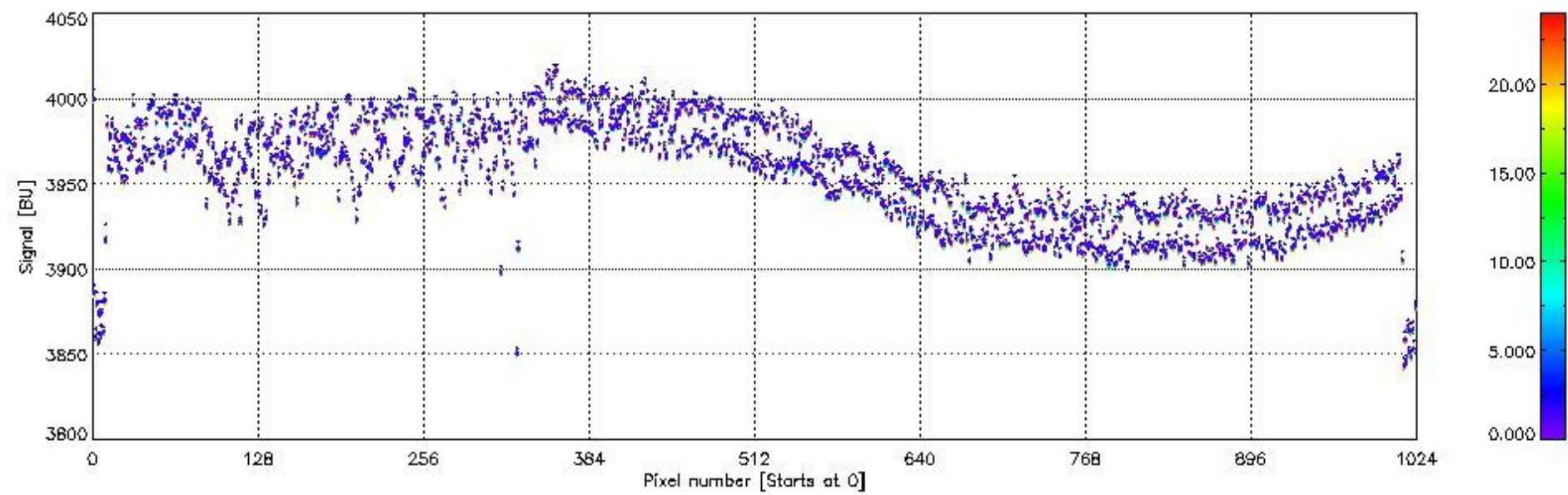
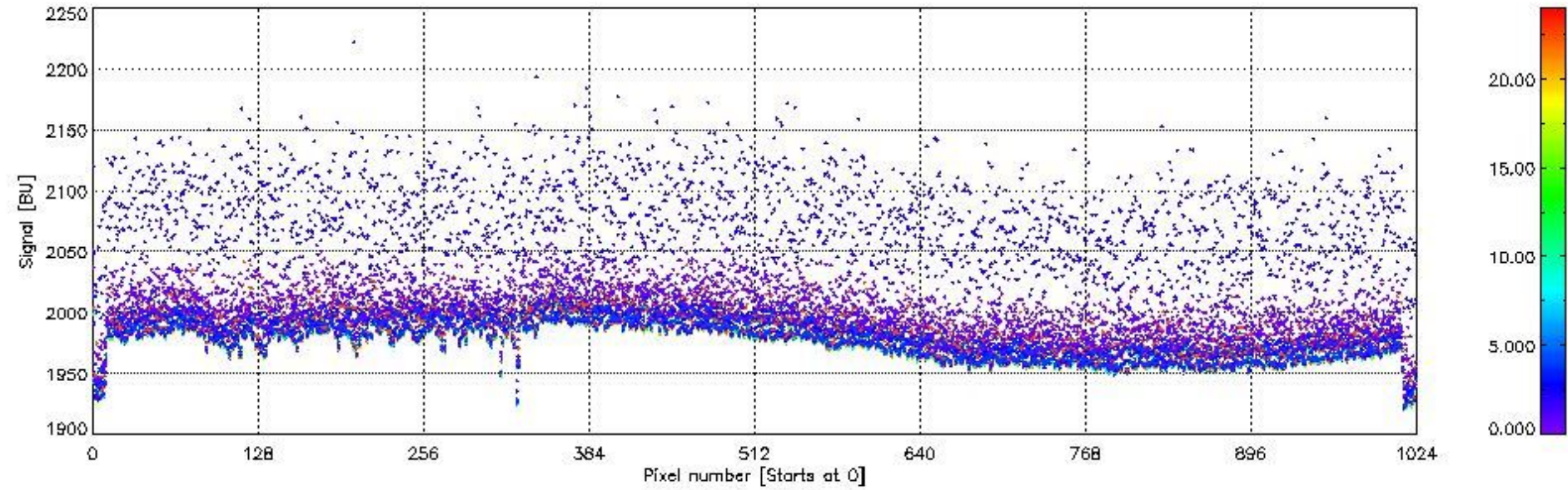
- Dark measurements (if available)
- New leakage current parameters (if available)
- New spectral calibration parameters (if available)

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

1.2.1 Dark measurements overview

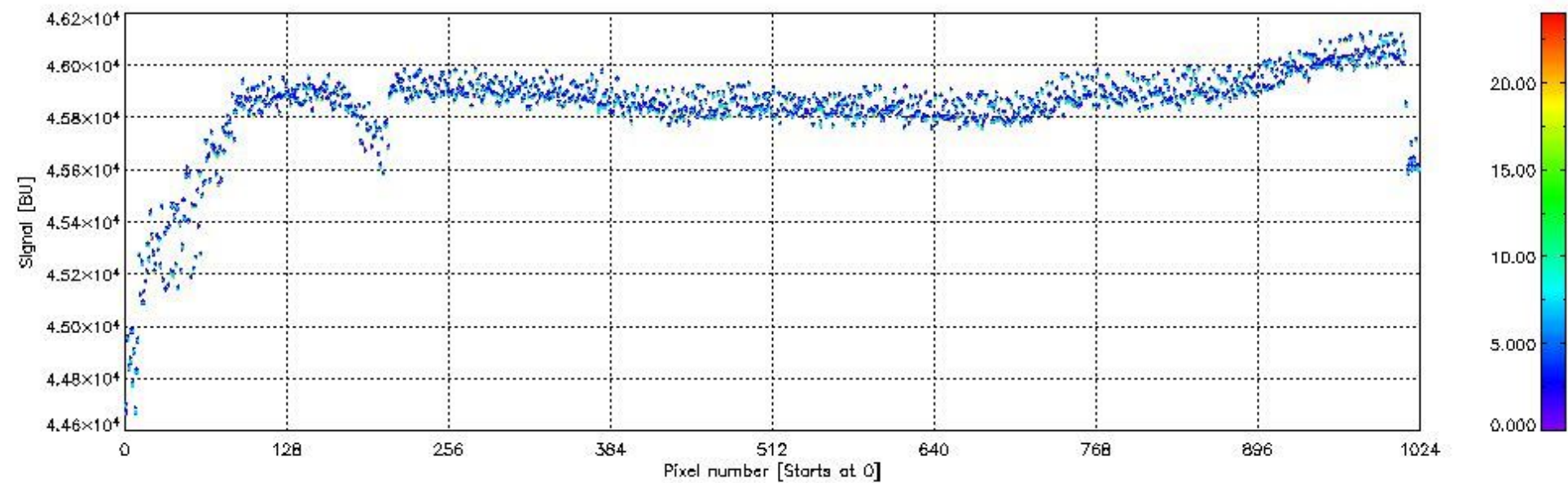
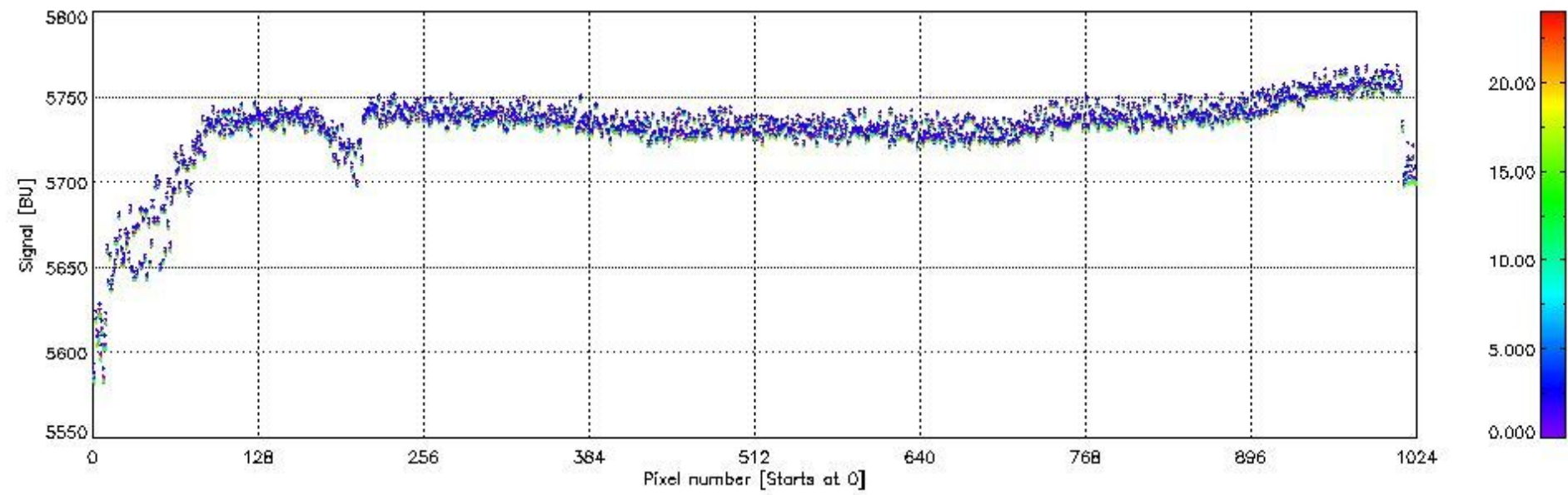
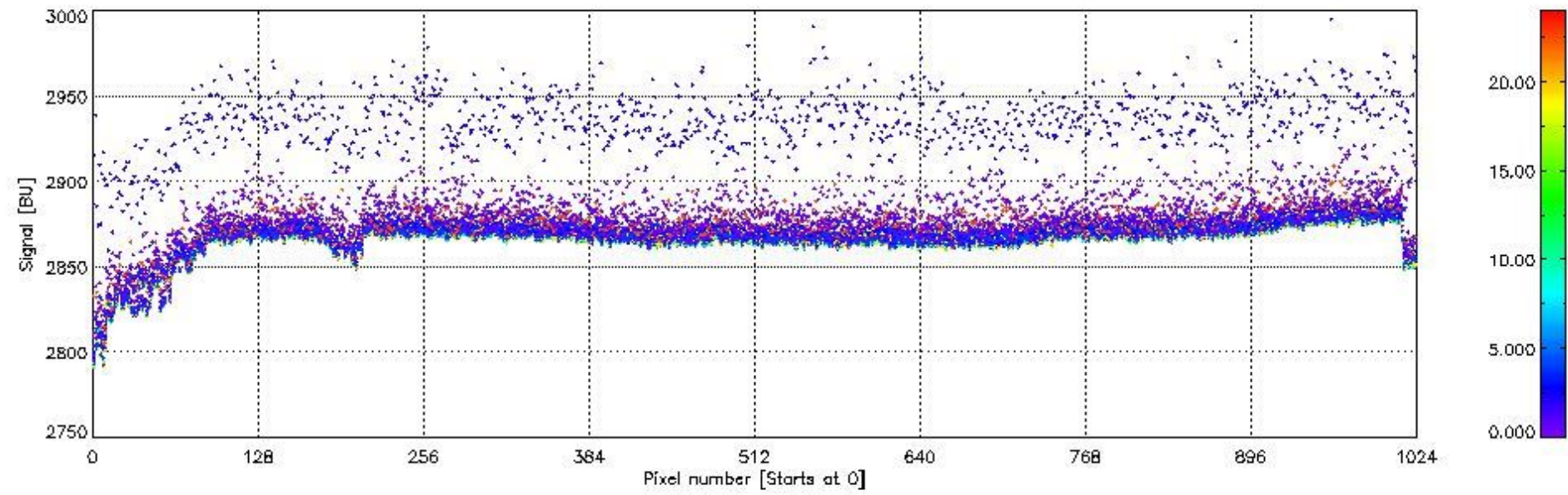
This section lists properties of the dark measurements performed within the processing scope.

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



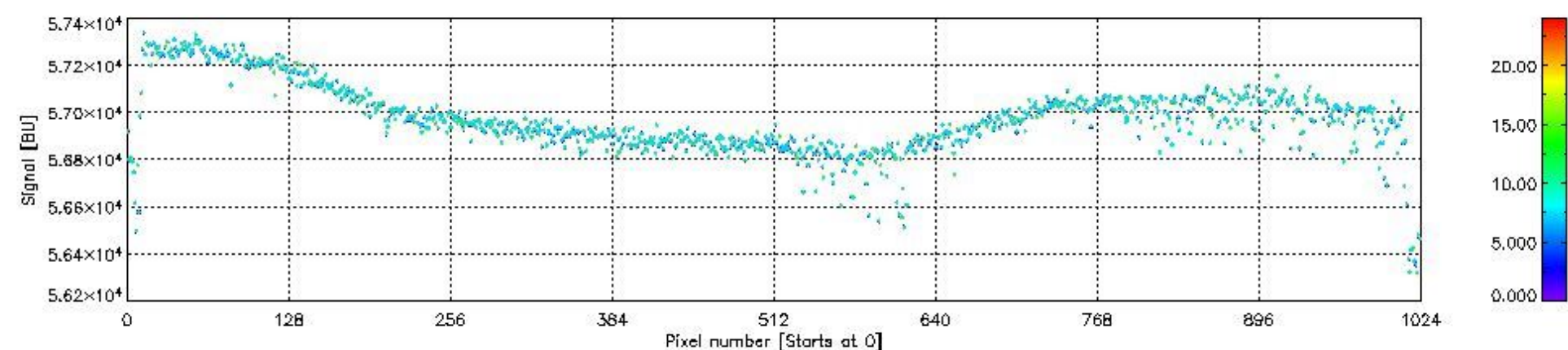
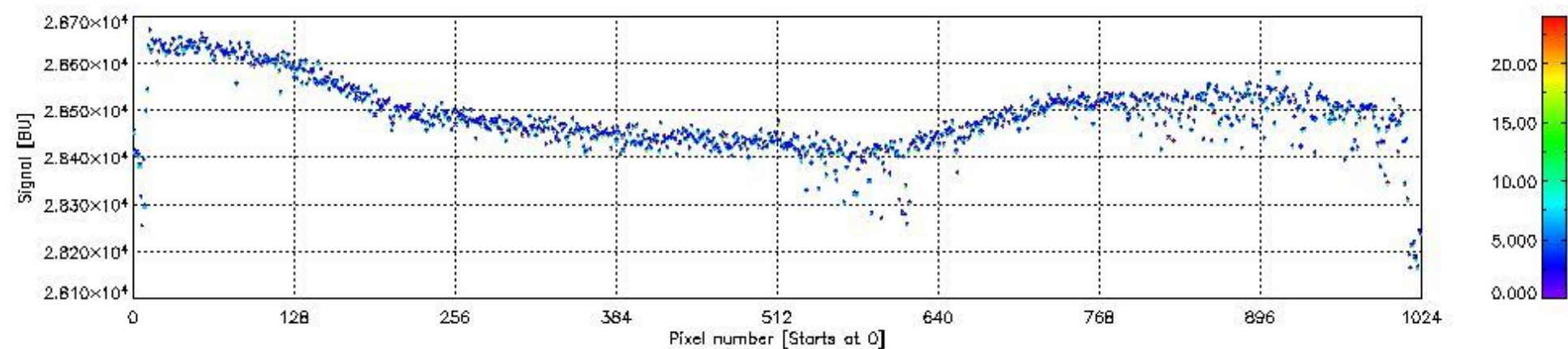
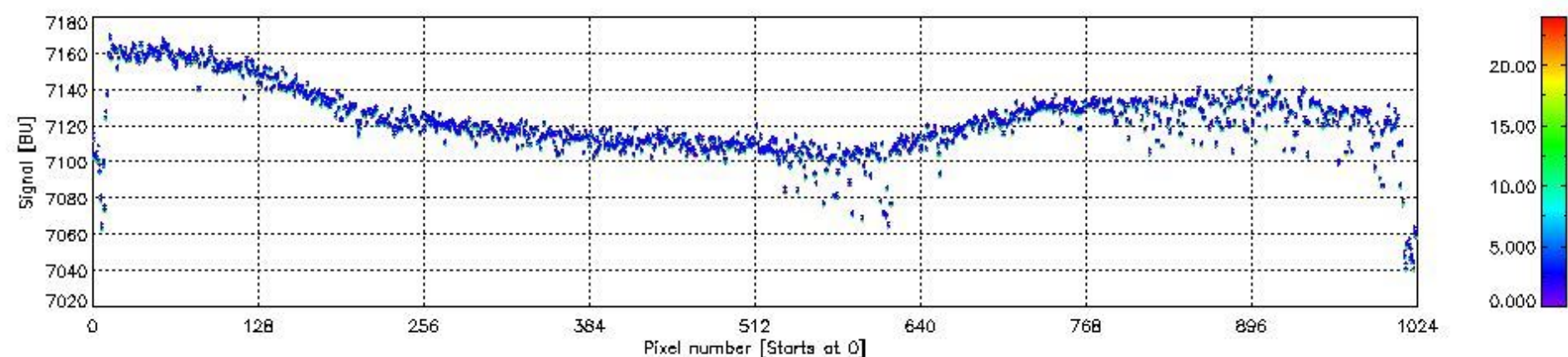
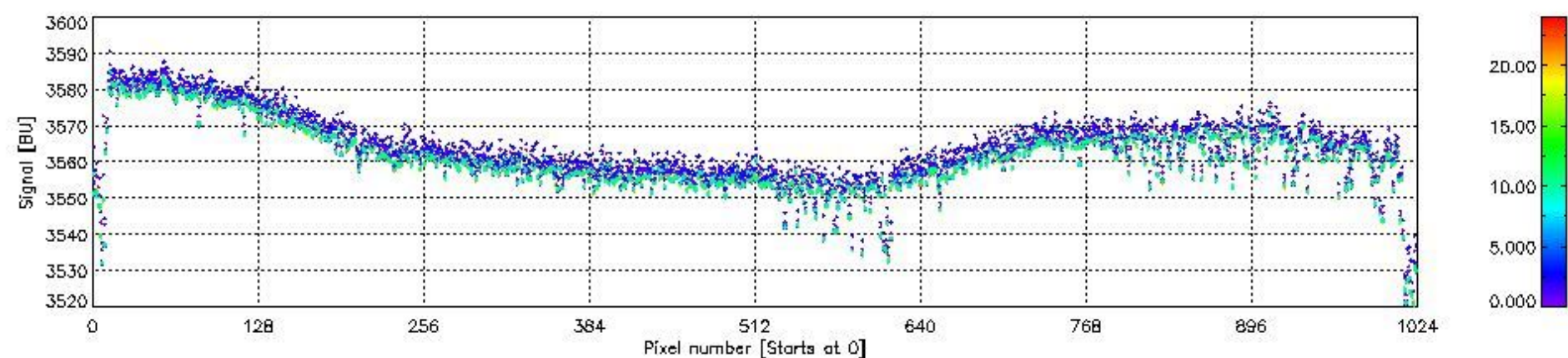
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_0.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



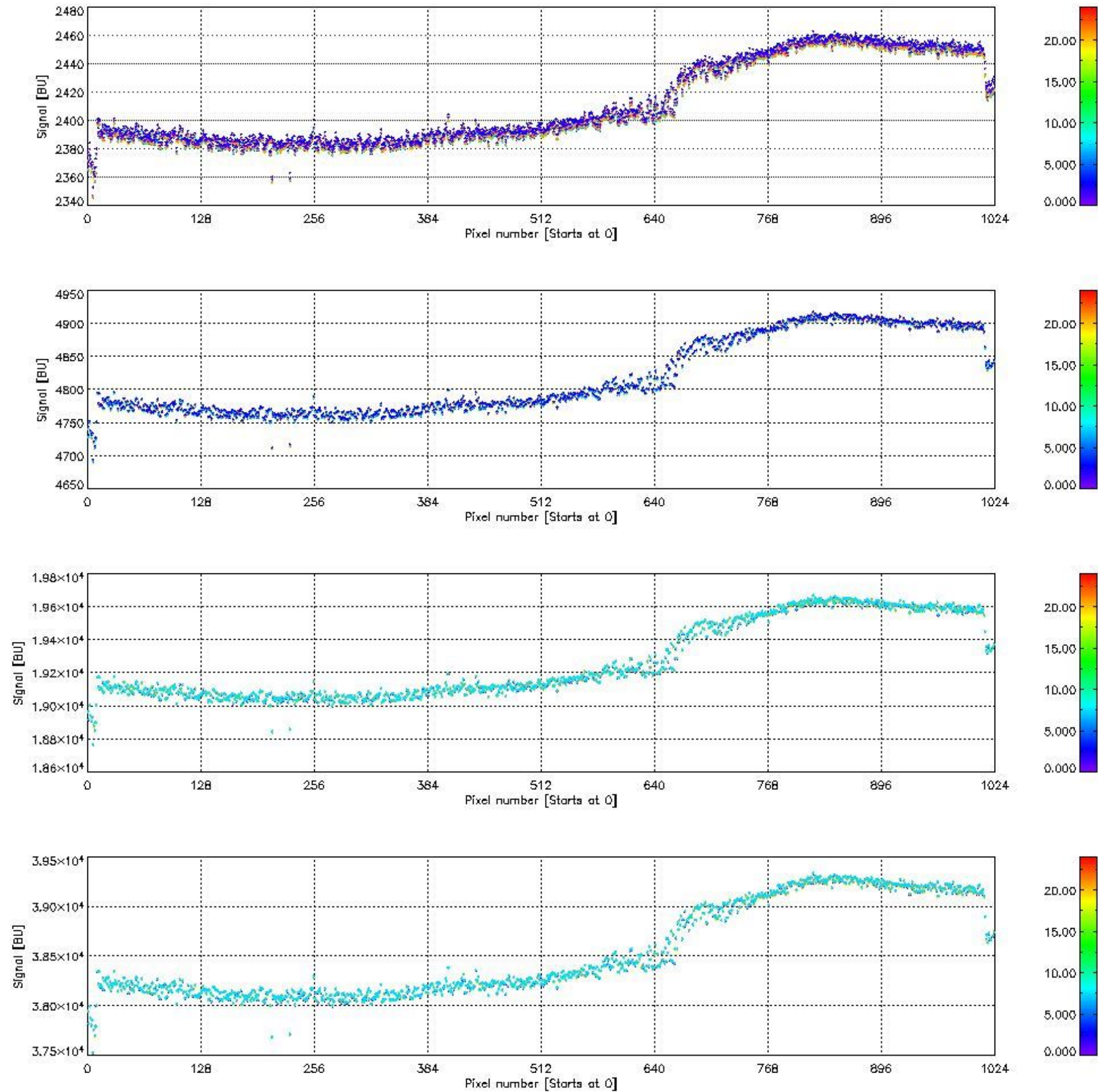
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_1.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



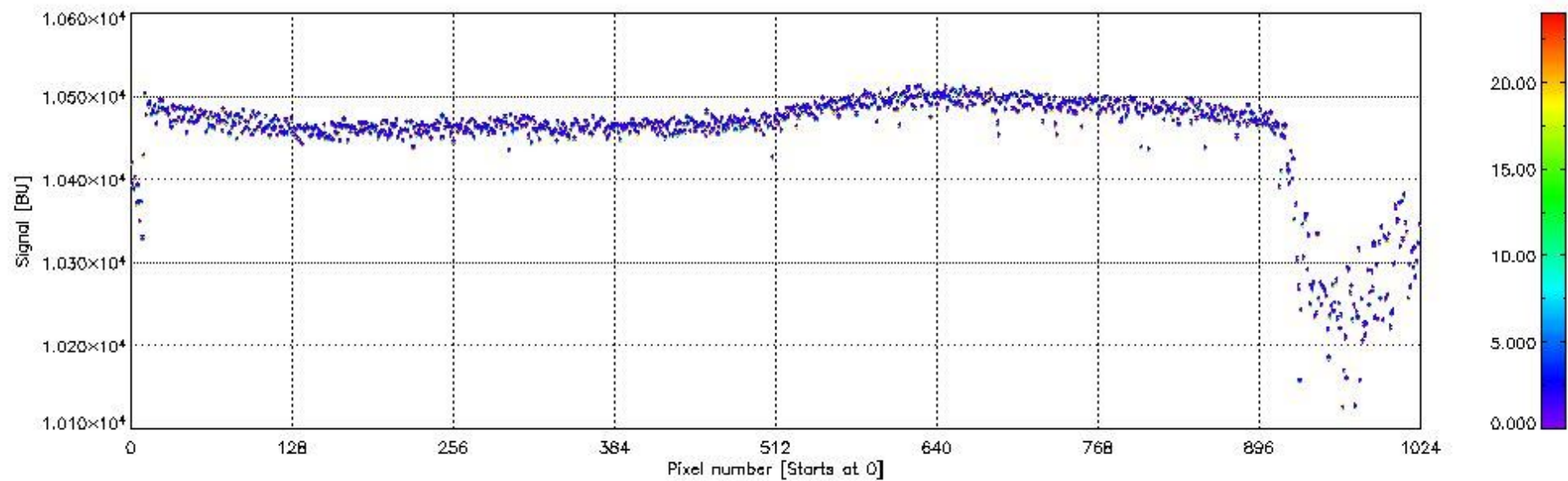
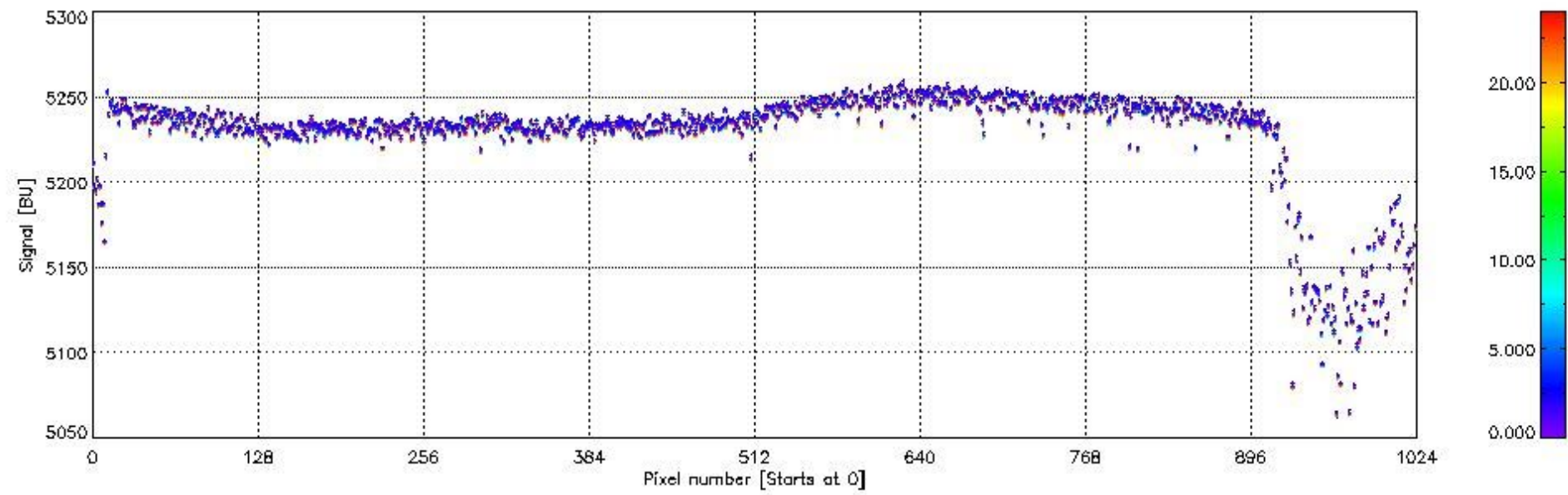
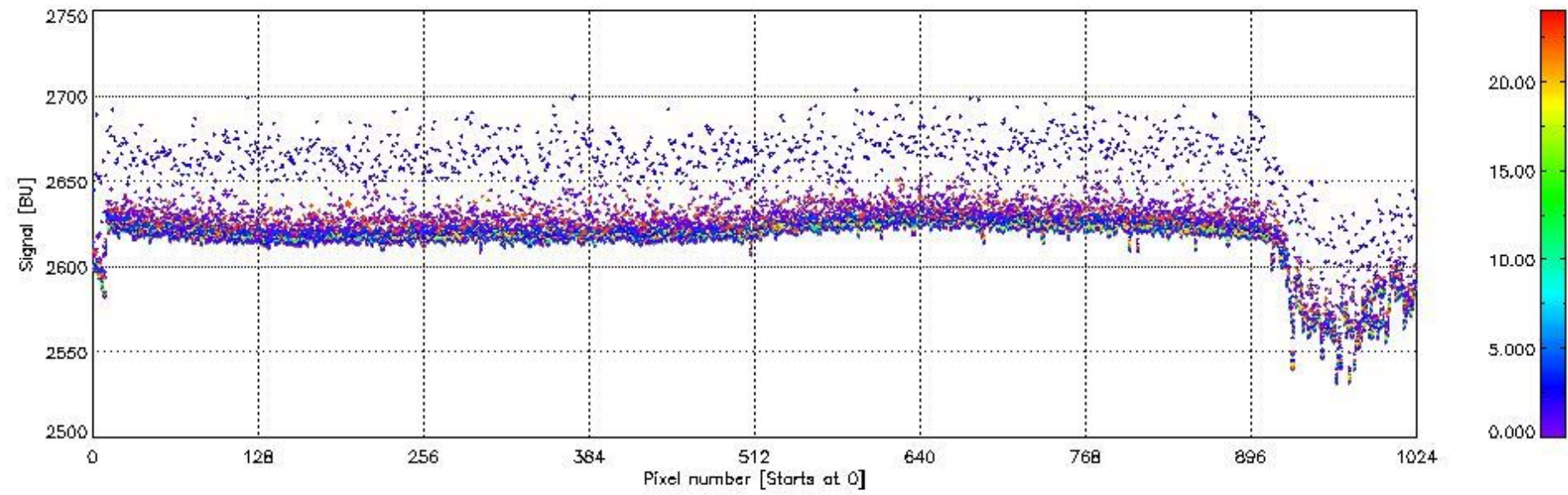
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_2.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



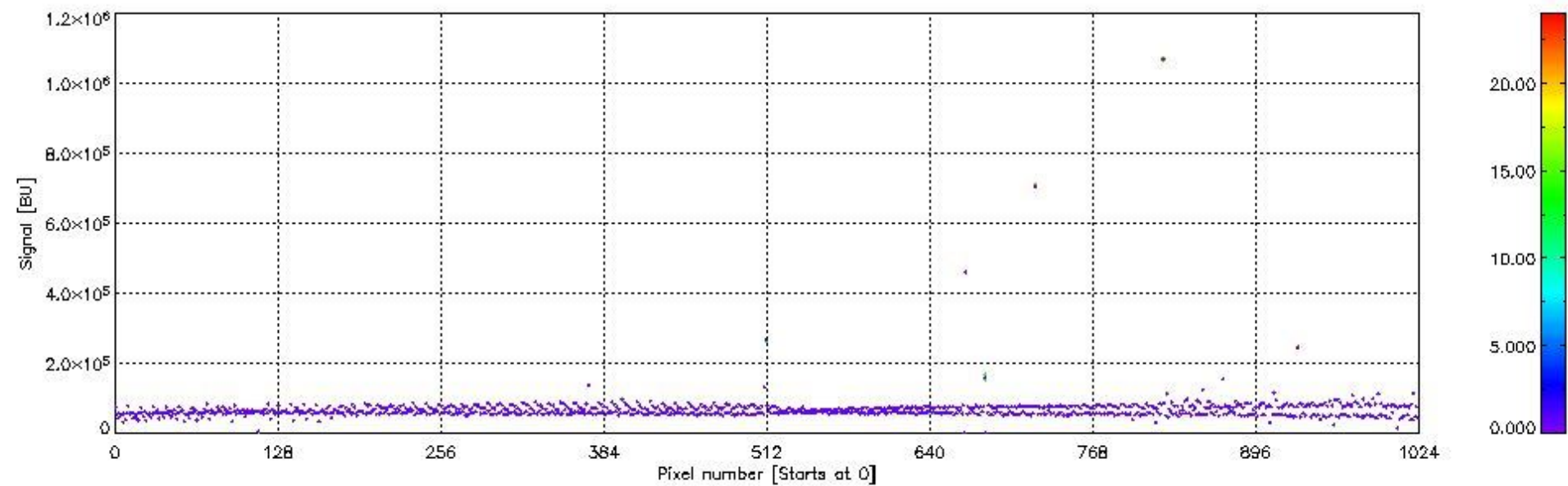
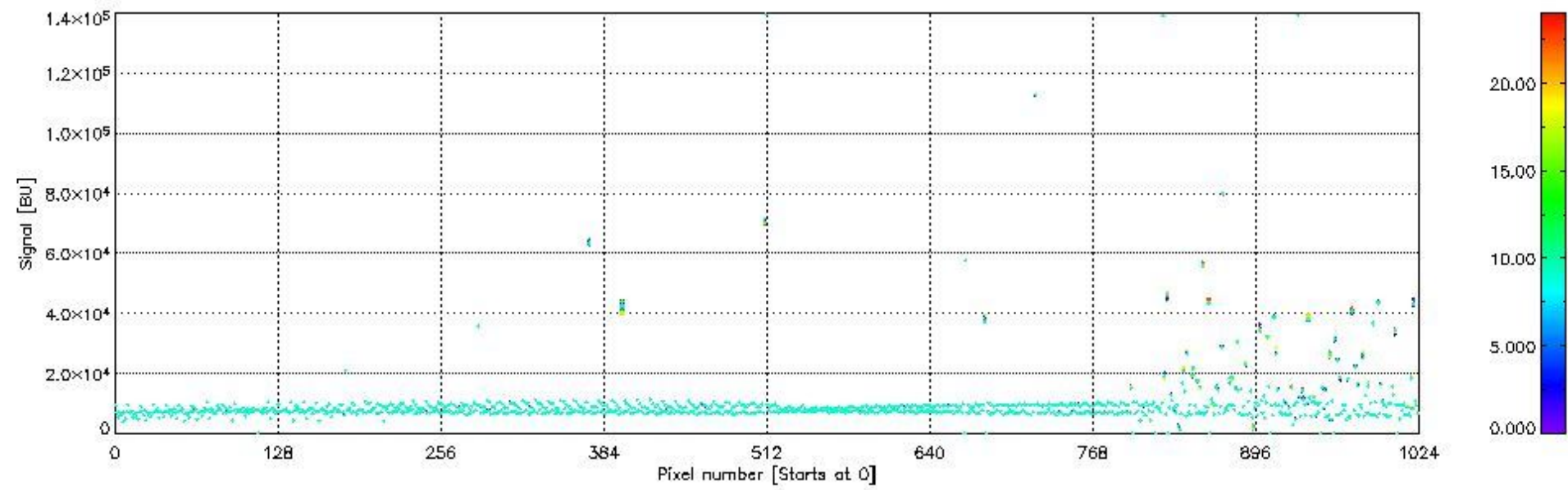
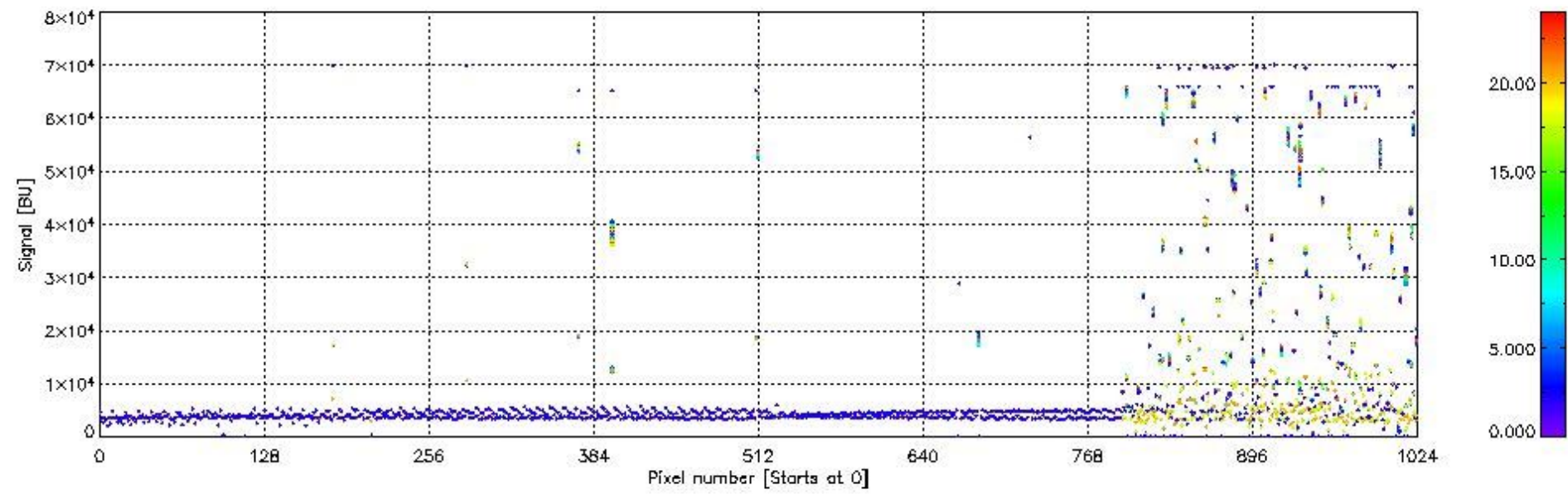
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_3.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



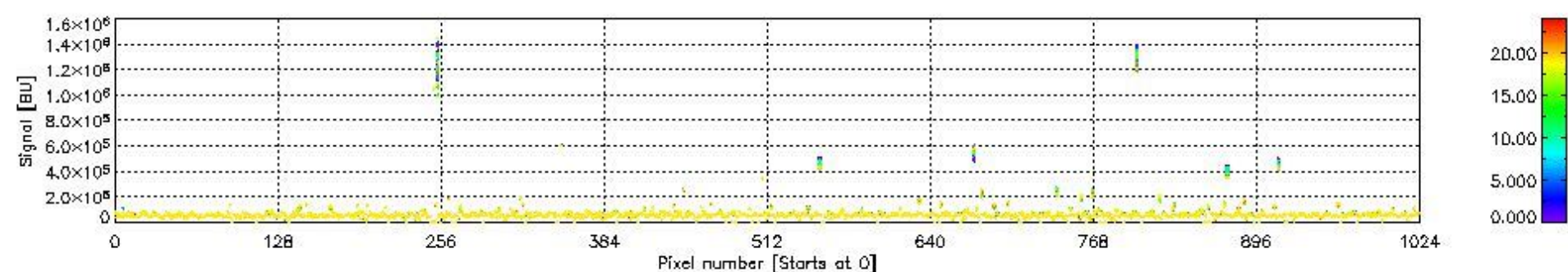
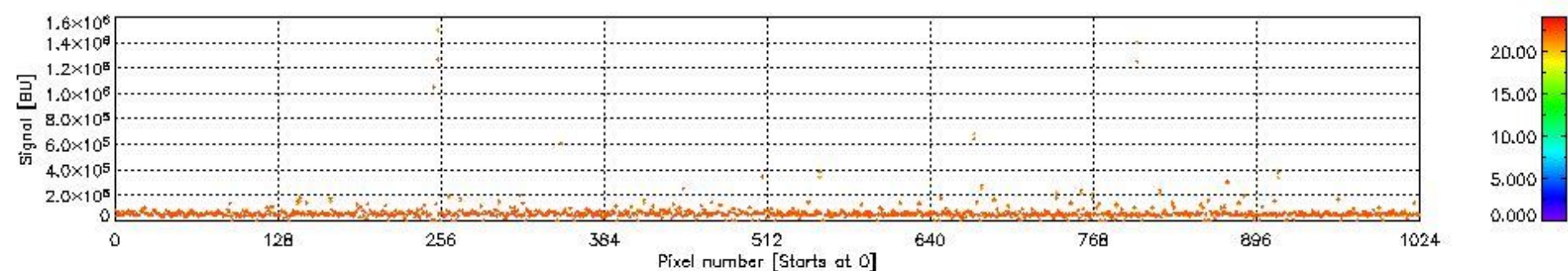
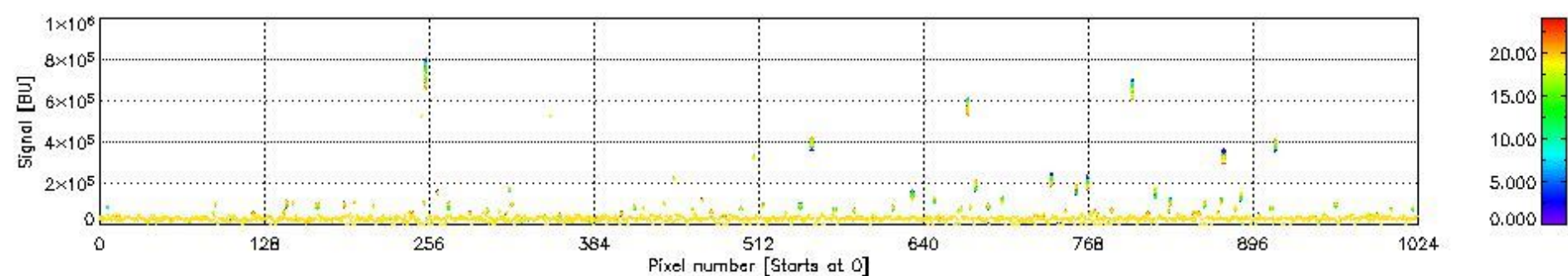
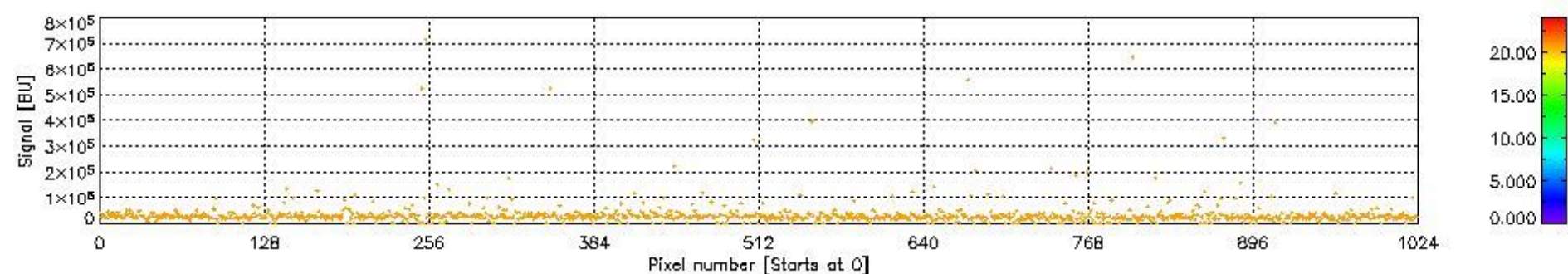
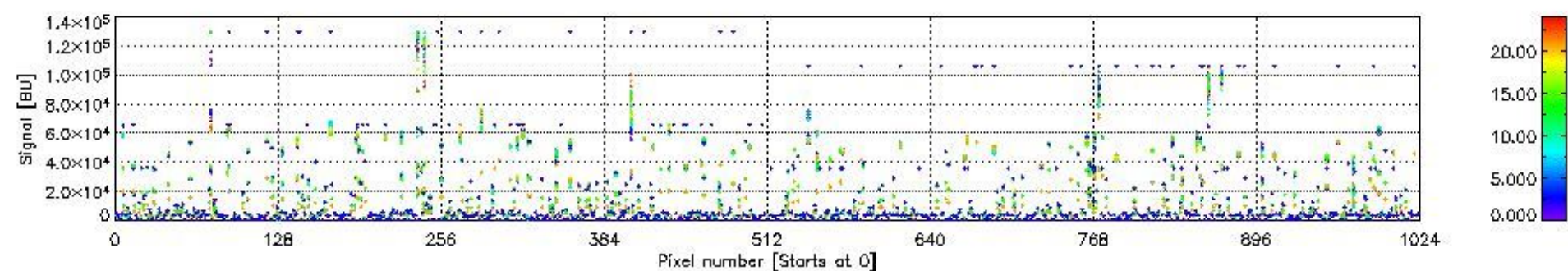
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_4.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



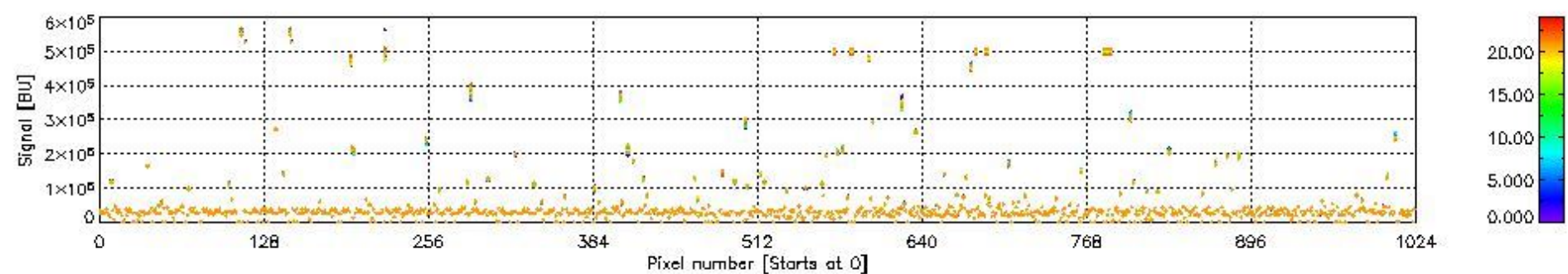
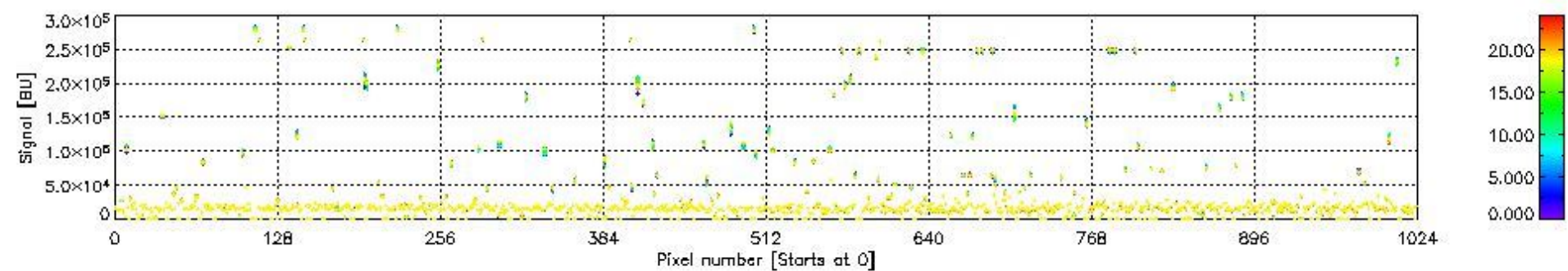
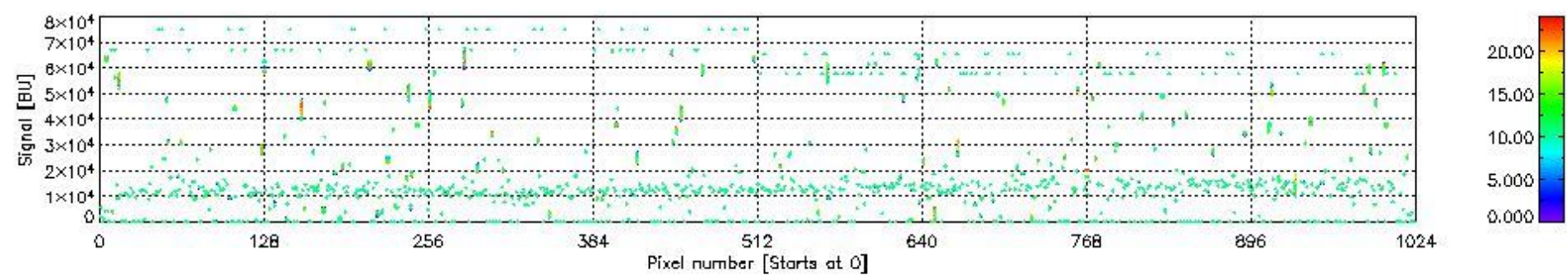
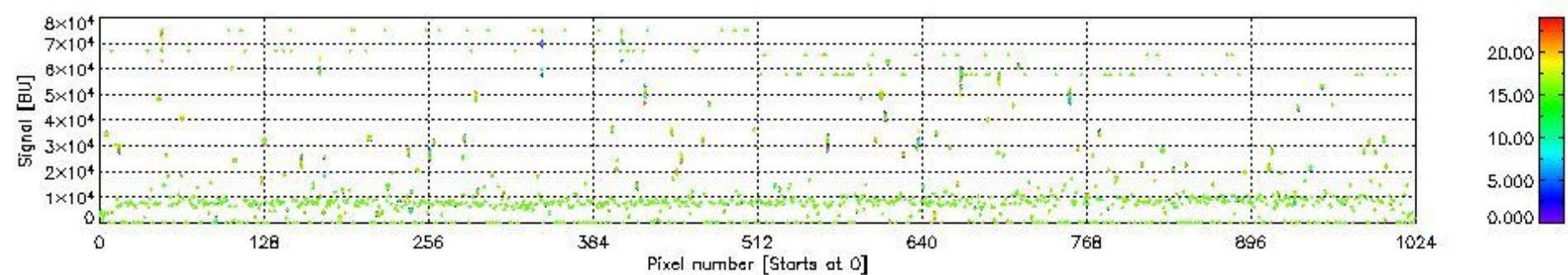
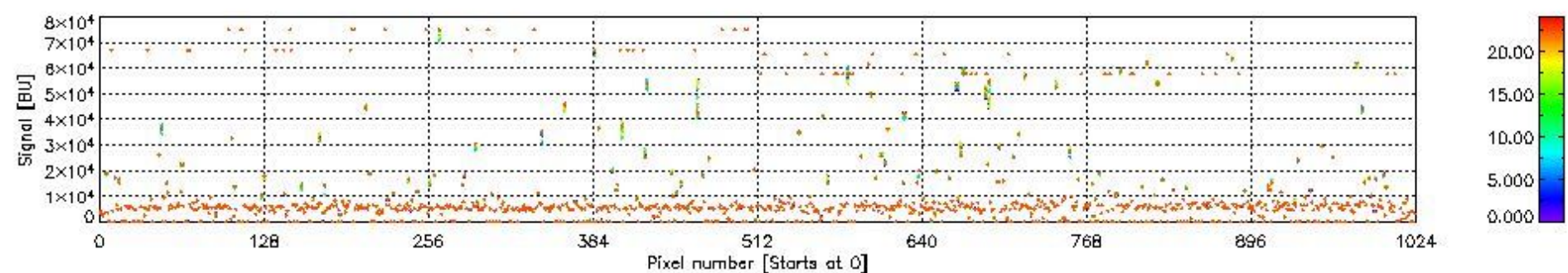
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_5.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



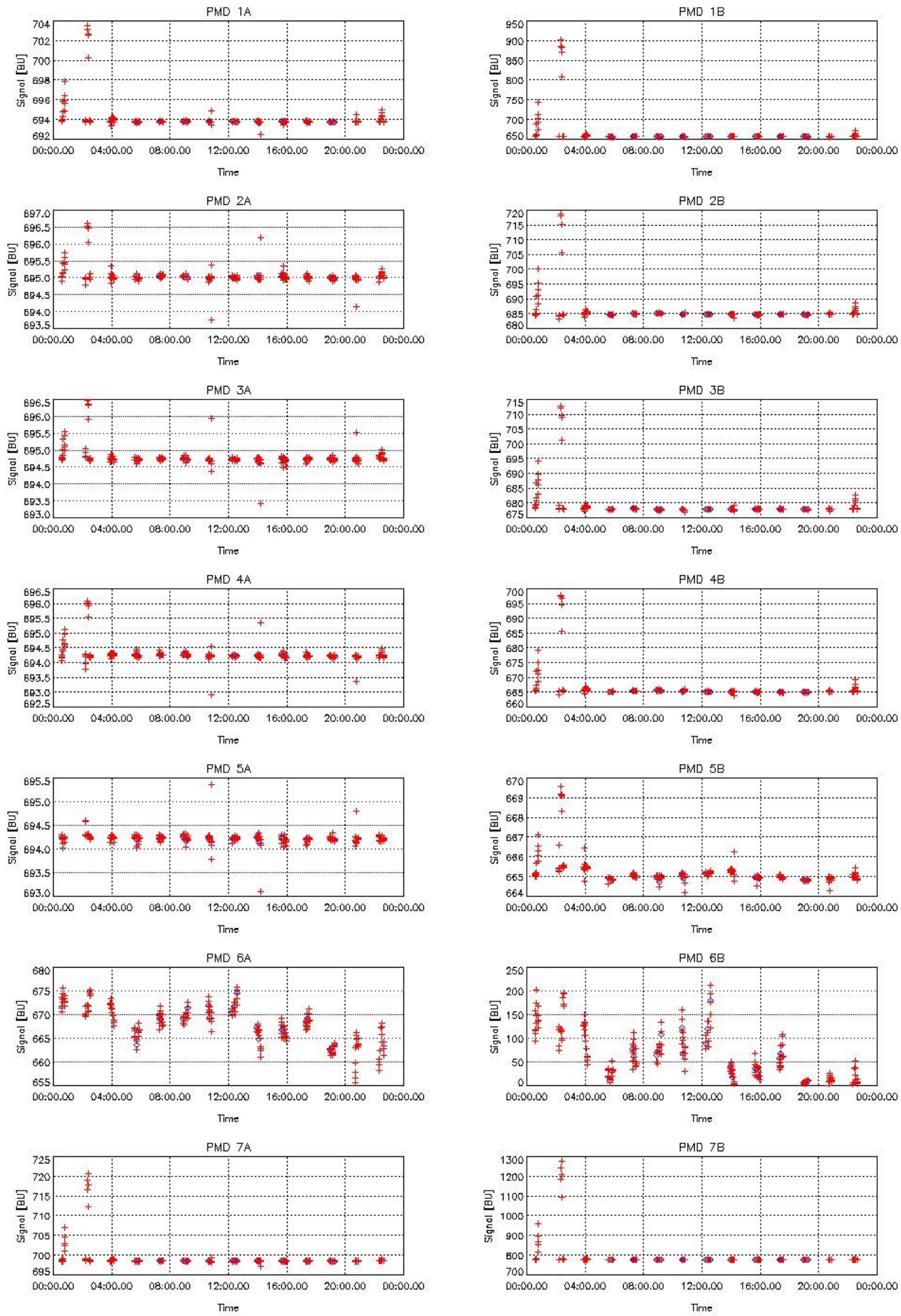
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_6.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00

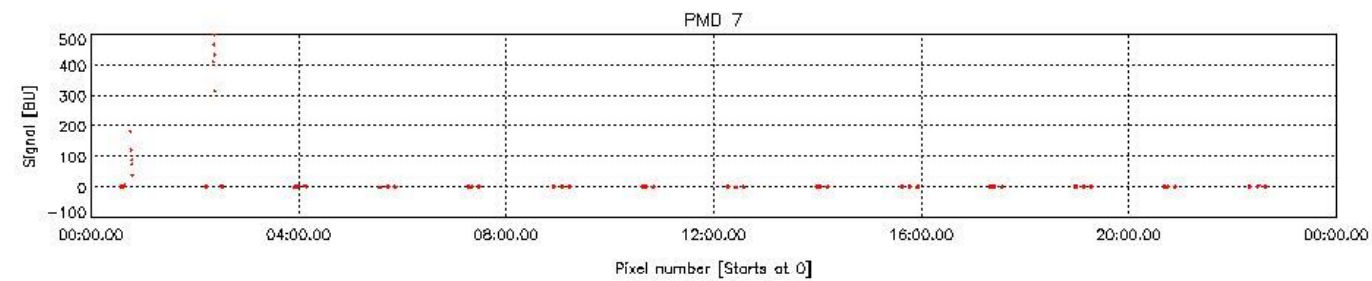
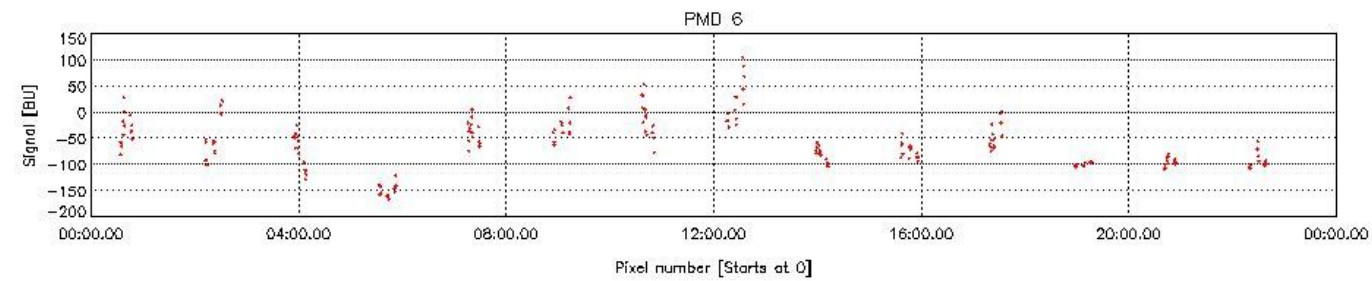
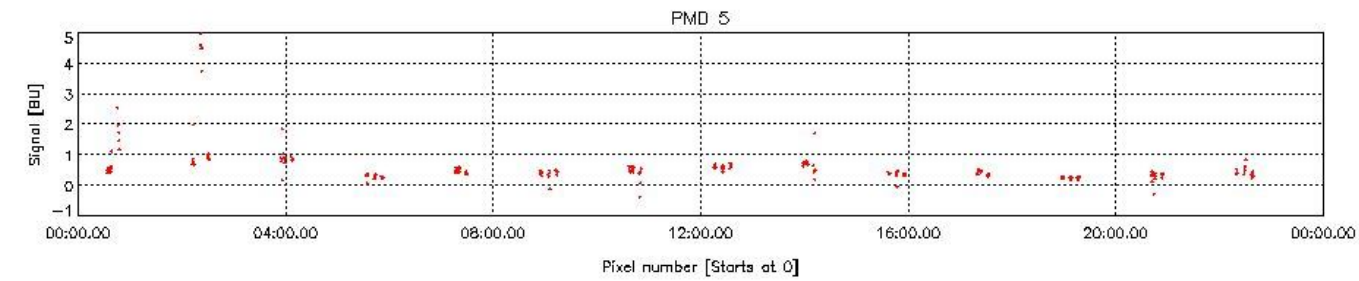
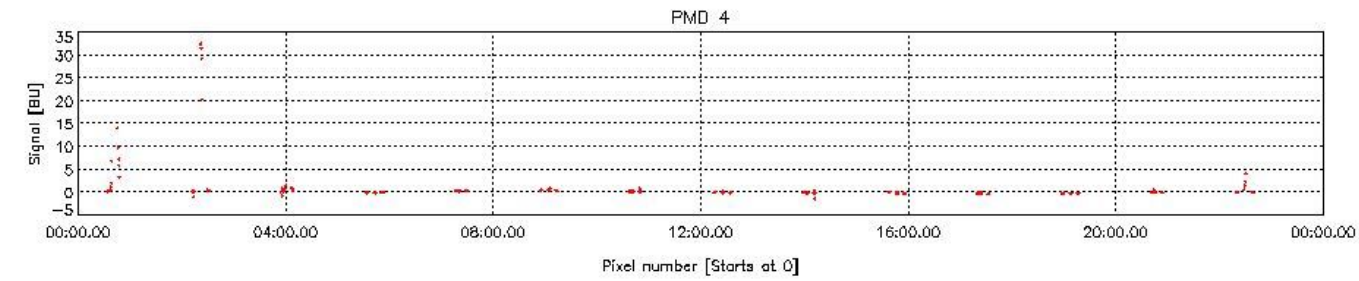
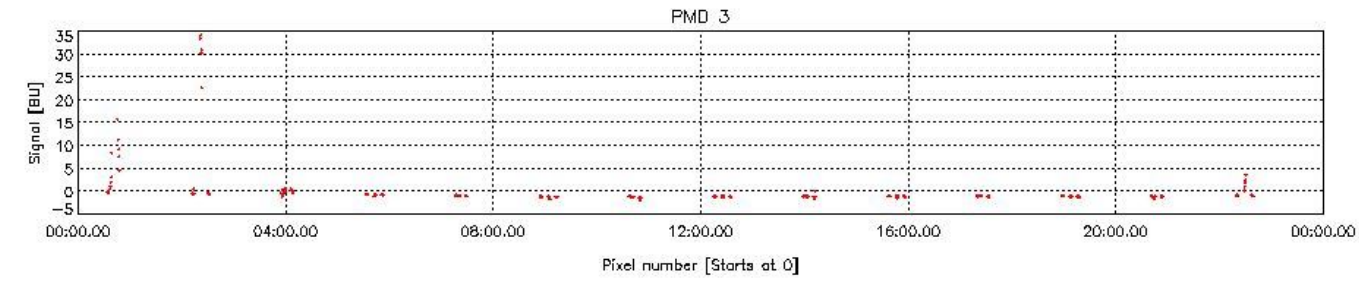
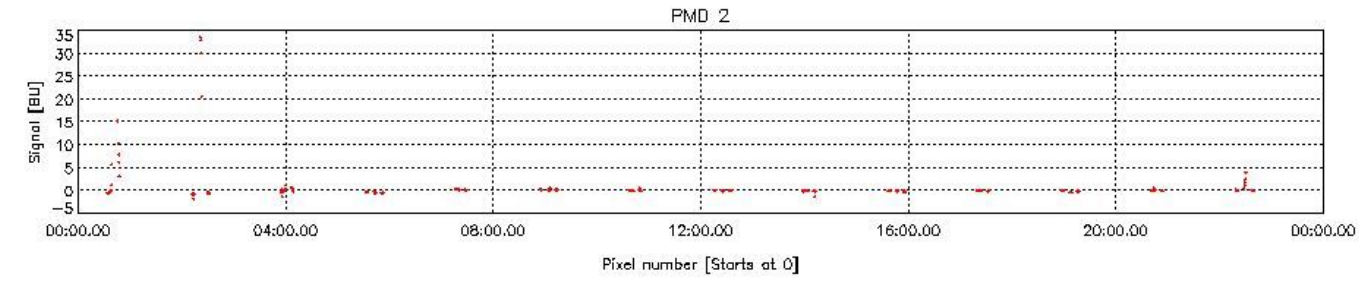
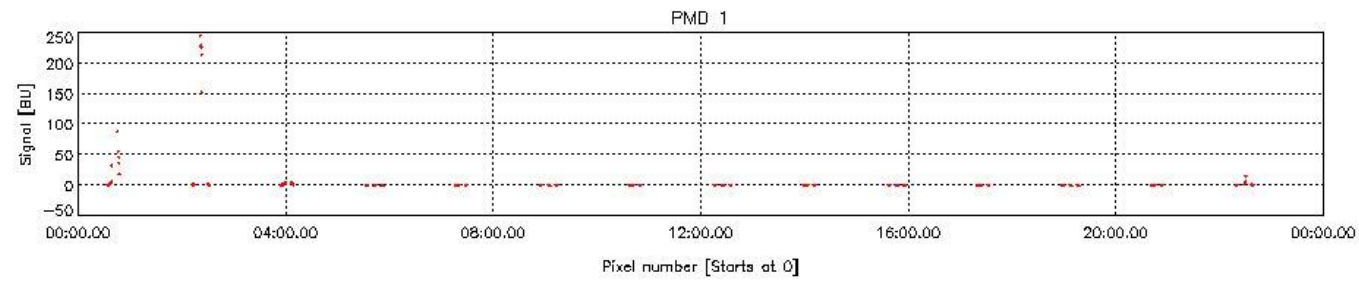


sciamachy_daily_report_level1_SCIA_6_03_N_20080423_7.PNG

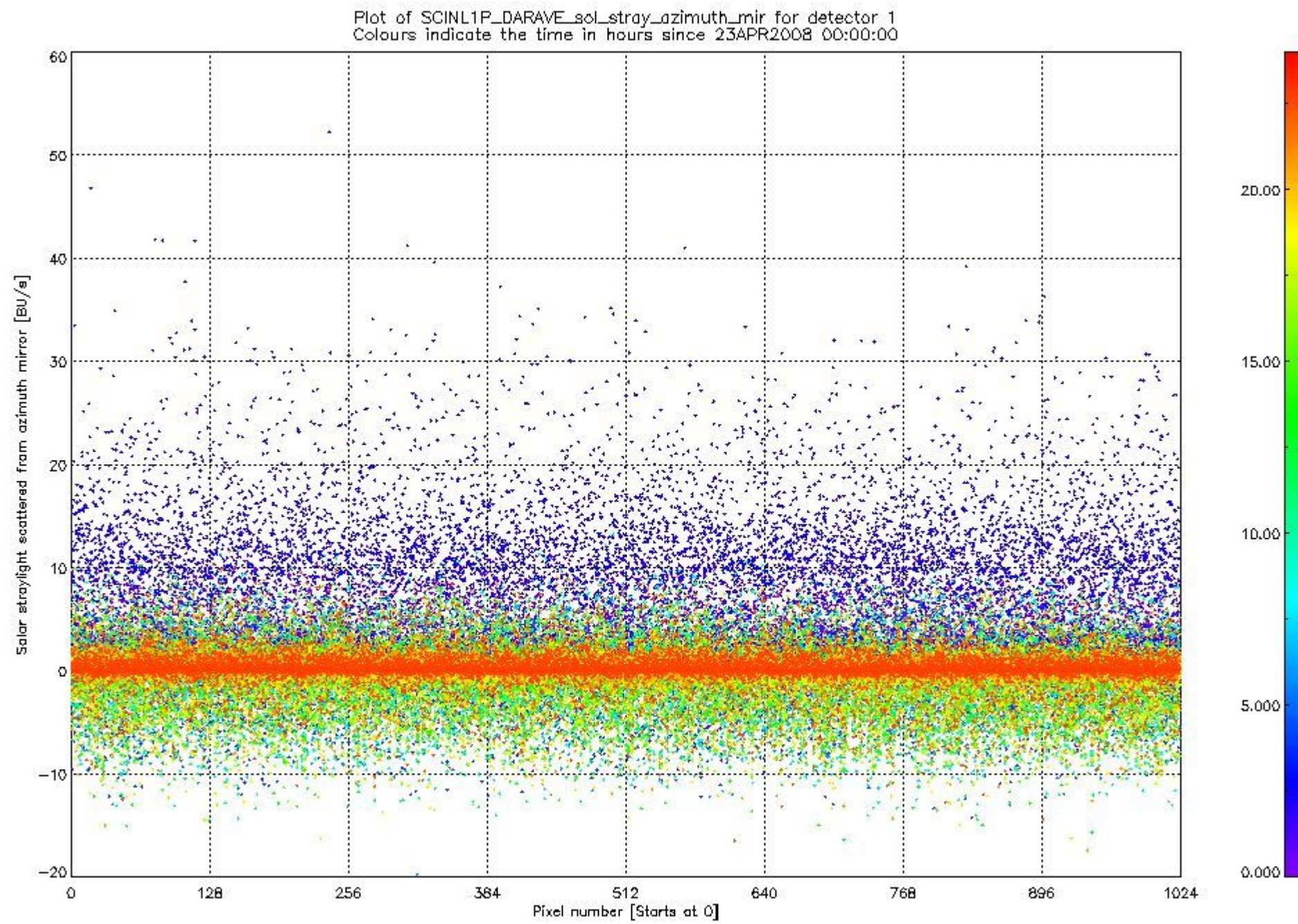
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 23APR2008 (red).
New leakage current offset data is given in blue for comparison.



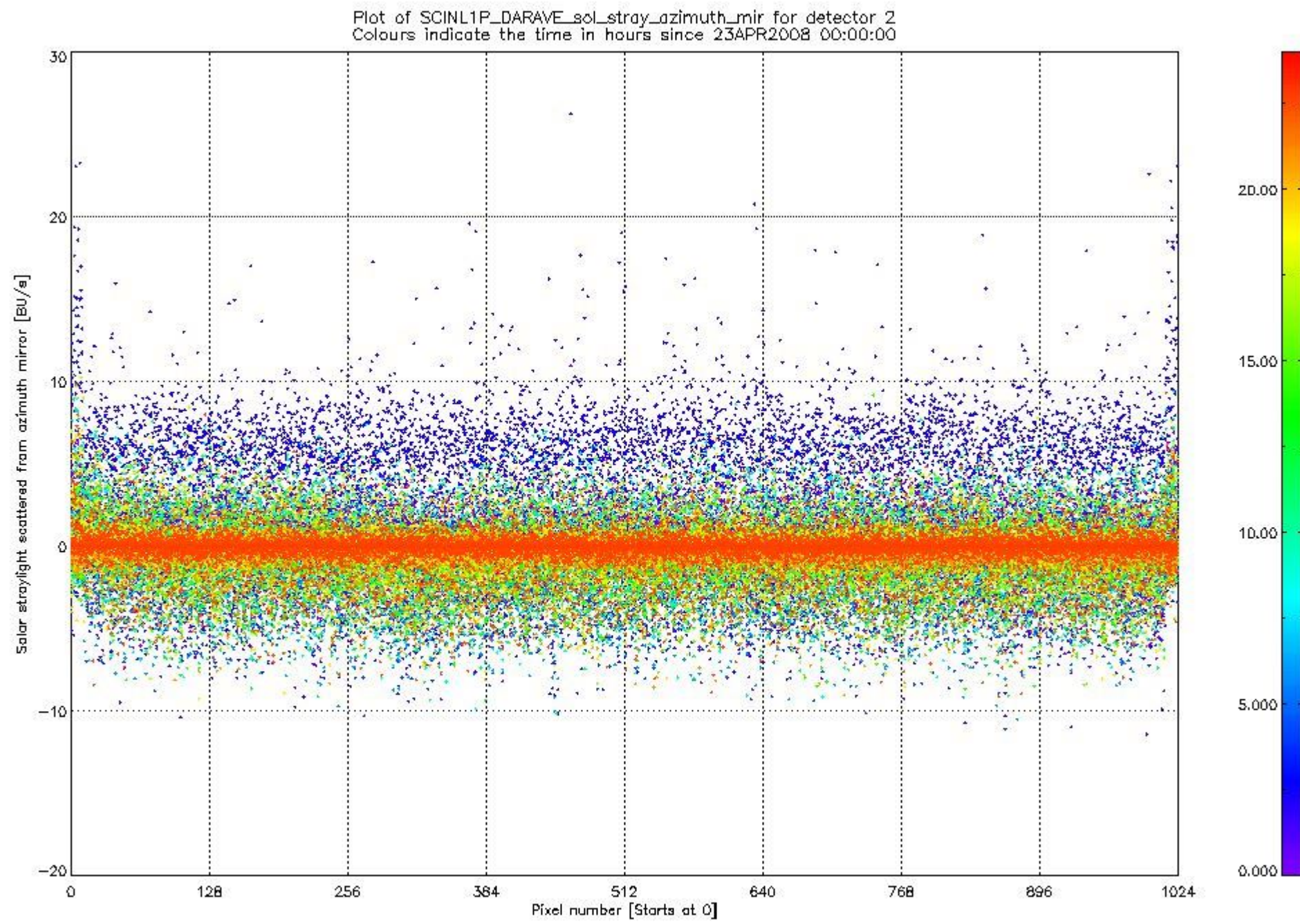
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_8.PNG



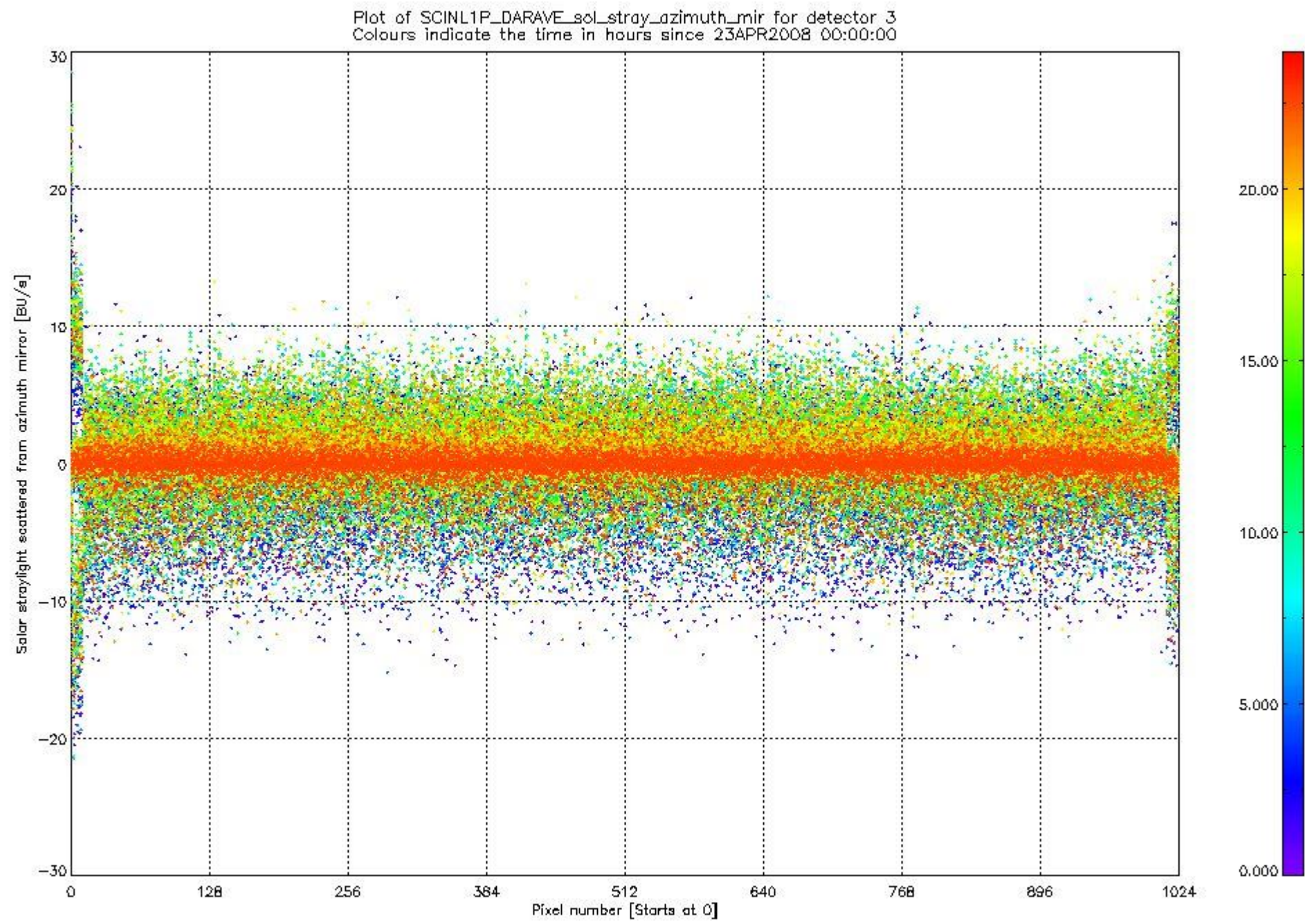
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_9.PNG



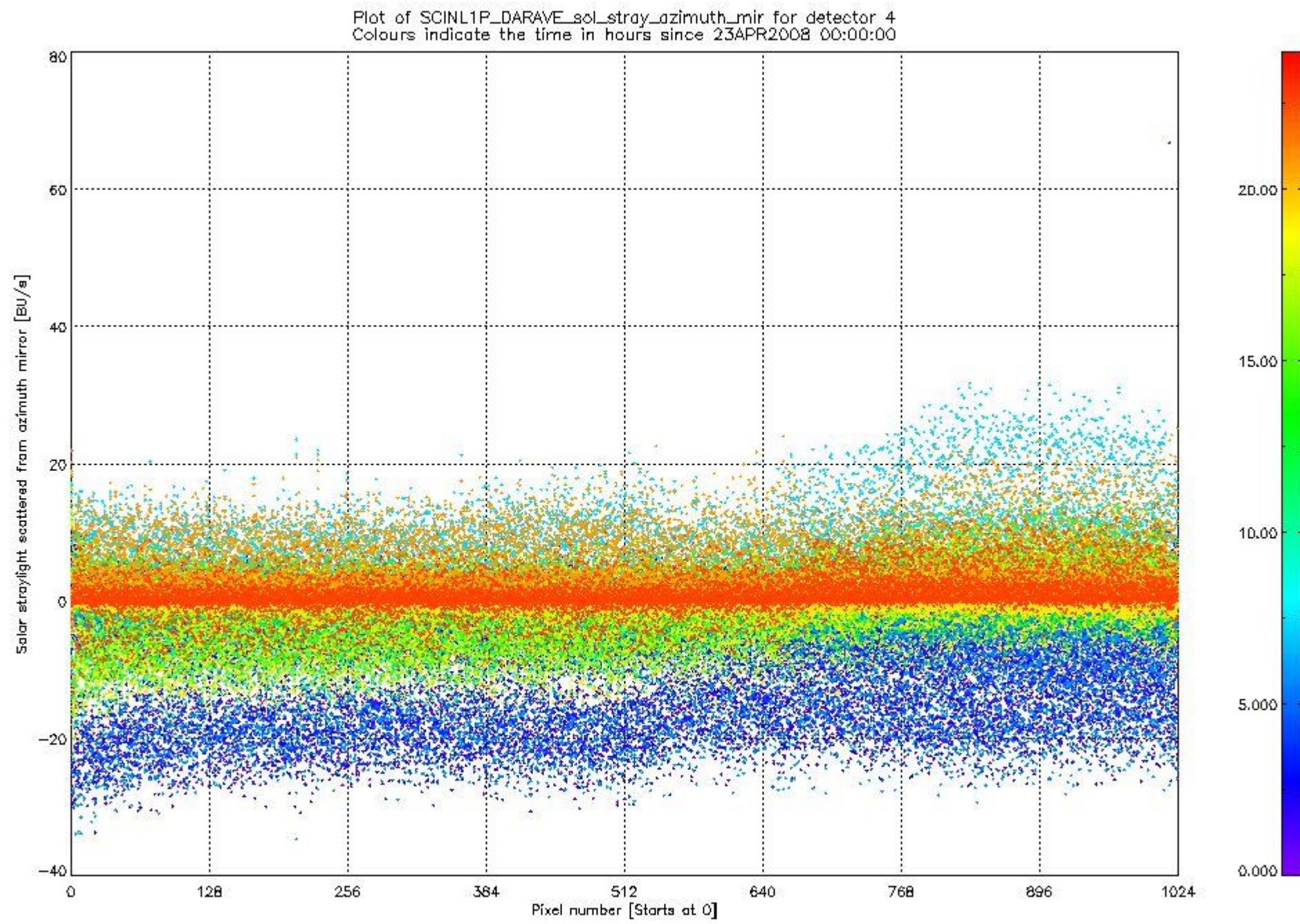
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_10.PNG



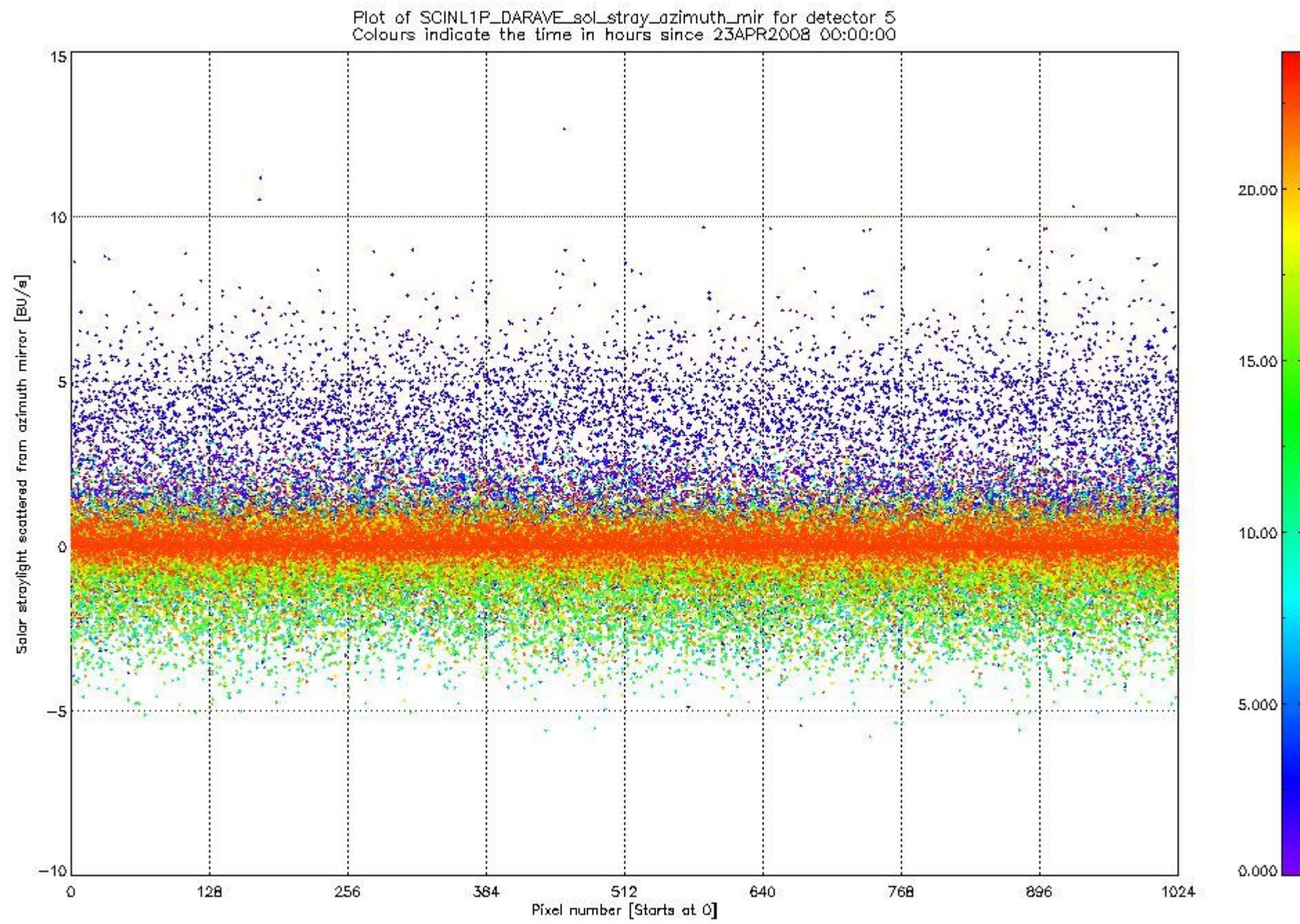
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_11.PNG

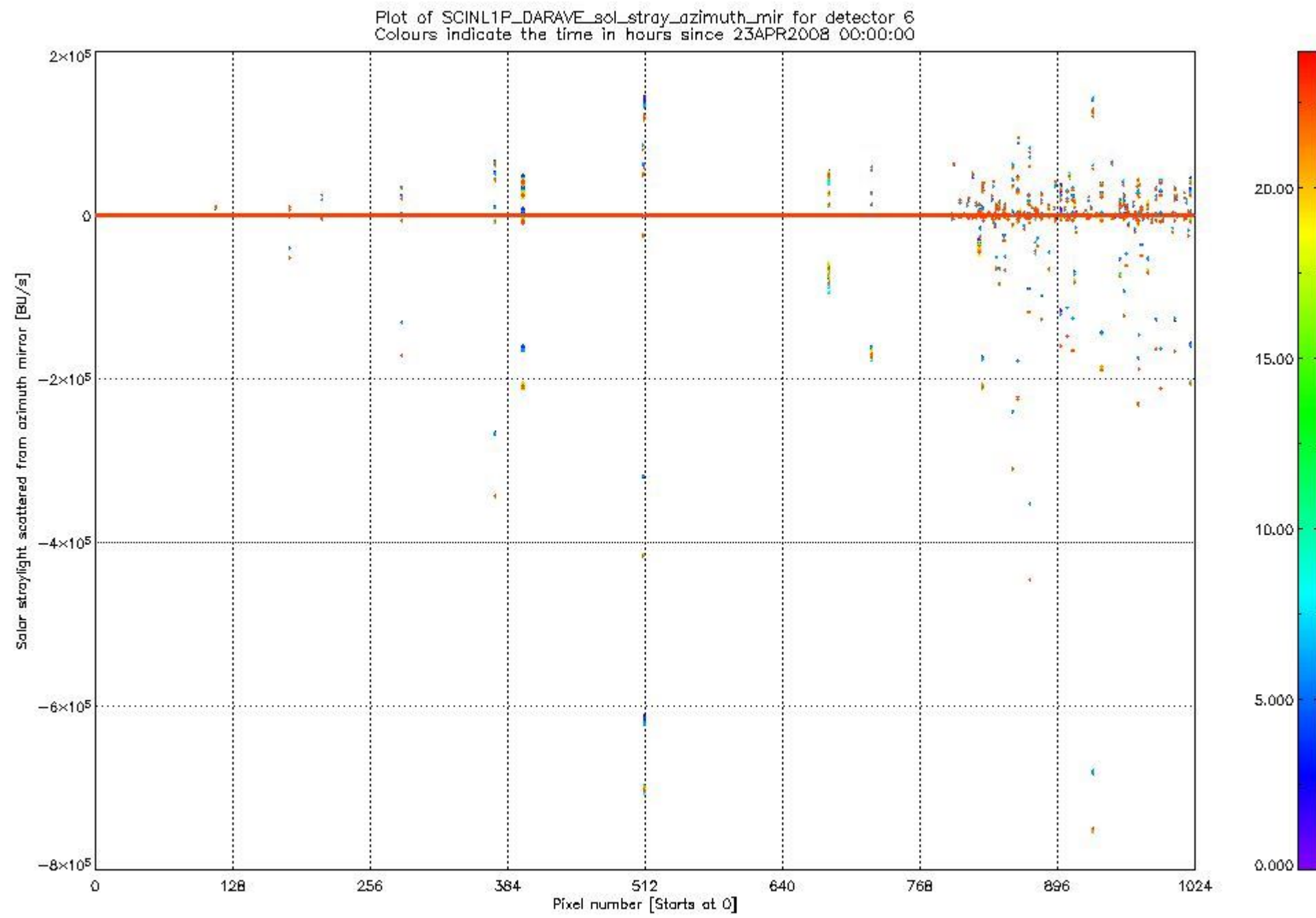


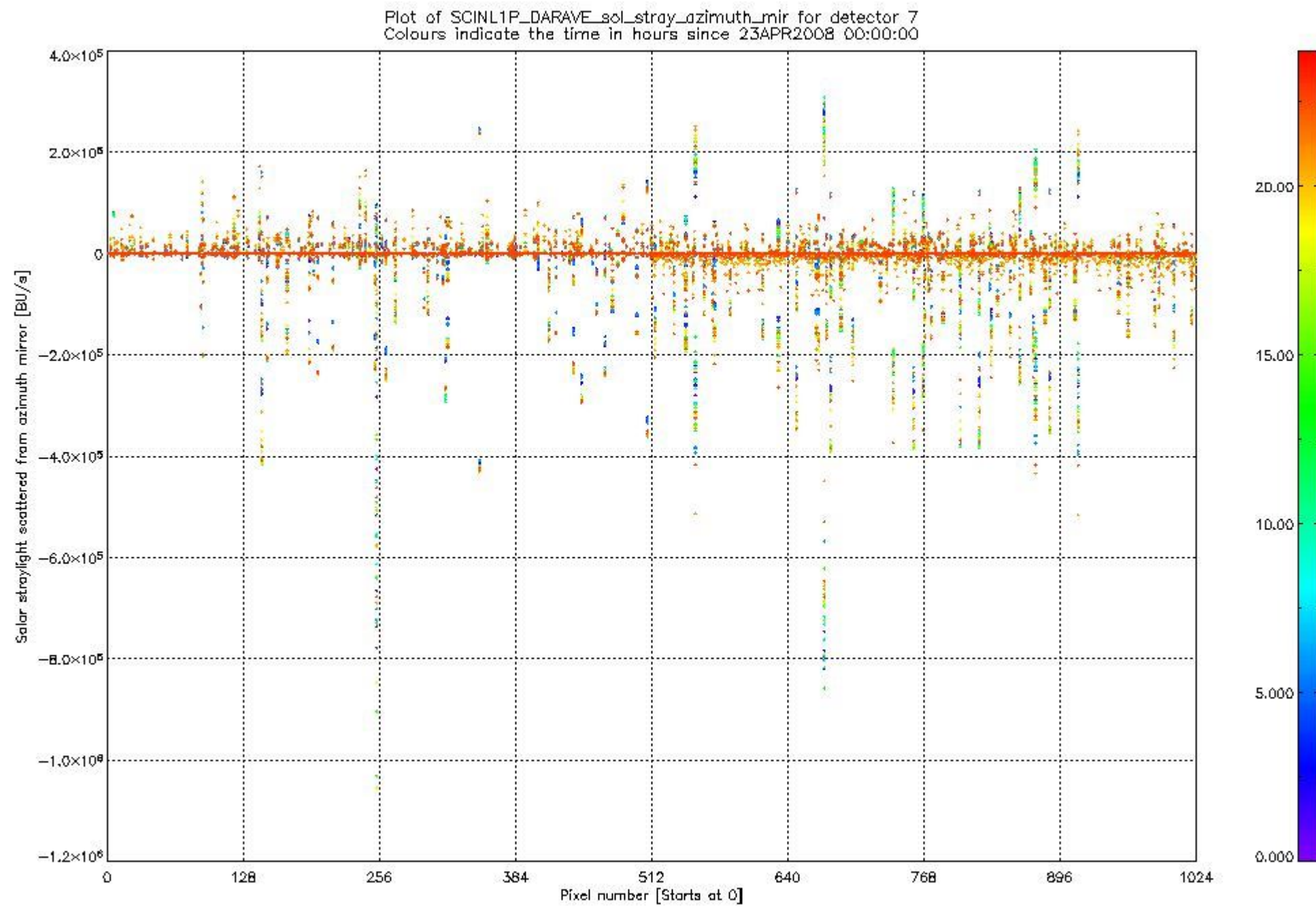
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_12.PNG



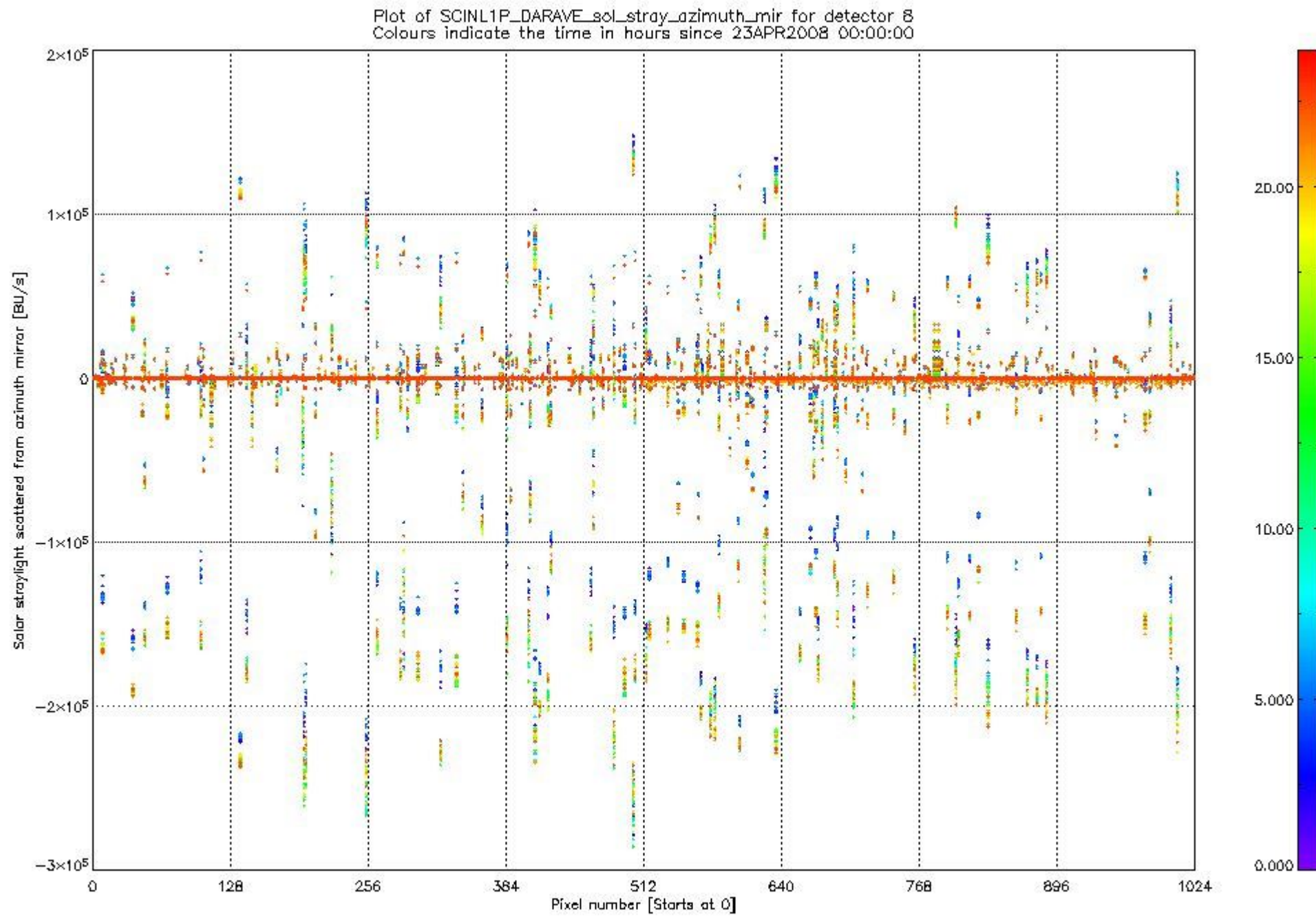
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_13.PNG







sciamachy_daily_report_level1_SCIA_6_03_N_20080423_16.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080423_17.PNG

1.2.2 New leakage current parameters

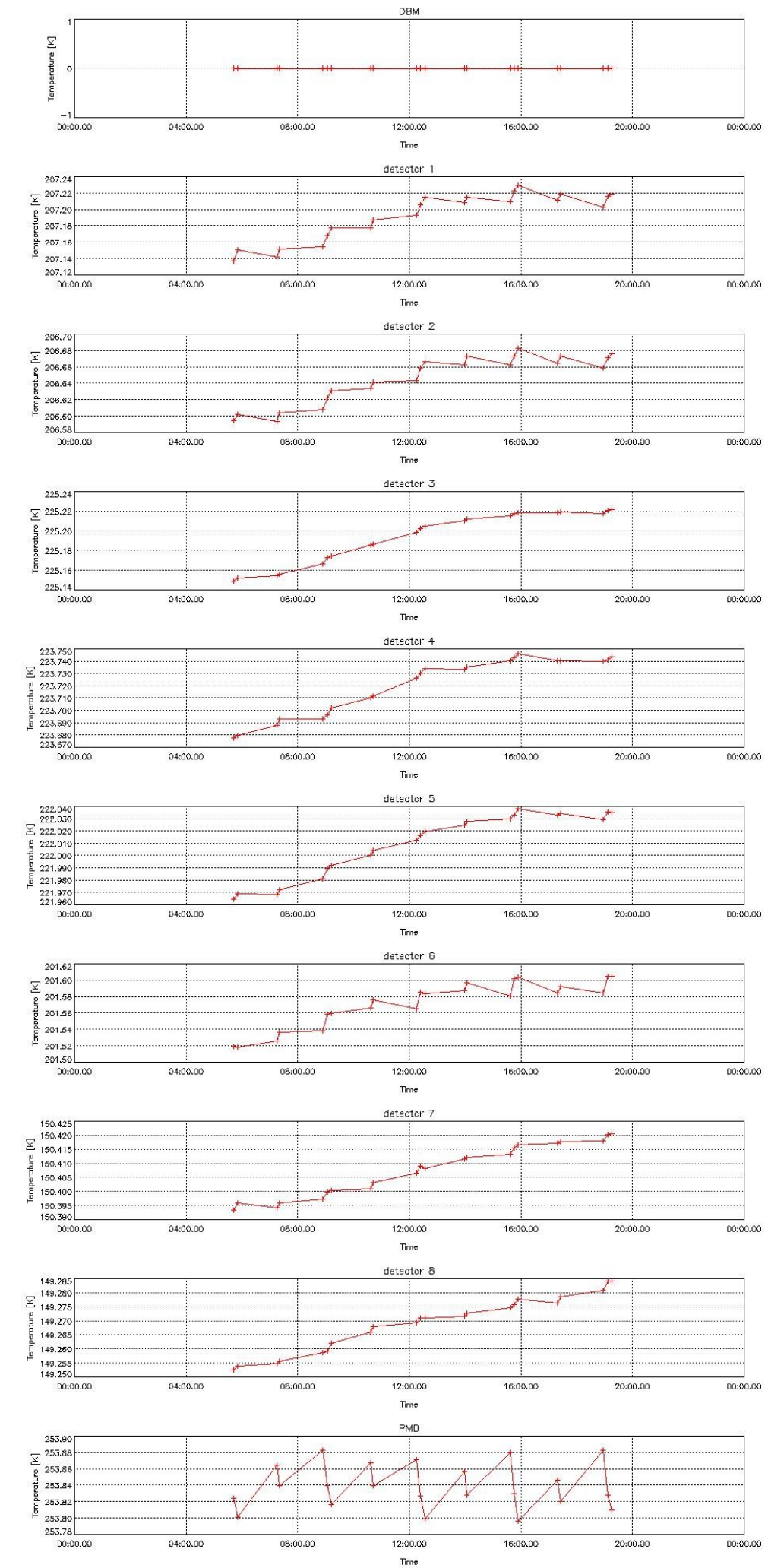
This section lists properties of the new leakage current data within the processing scope.

The following table shows the new leakage measurement data characteristics.

#	dsr_time	attach	orb_phase
0	23APR2008 05:42:09	1	0.230400
1	23APR2008 05:50:45	1	0.315800
2	23APR2008 07:15:36	1	0.173333
3	23APR2008 07:21:08	1	0.257250
4	23APR2008 08:53:59	1	0.137800
5	23APR2008 09:03:20	1	0.230400
6	23APR2008 09:11:56	1	0.315800
7	23APR2008 10:36:47	1	0.173333
8	23APR2008 10:42:19	1	0.257250
9	23APR2008 12:15:10	1	0.137800

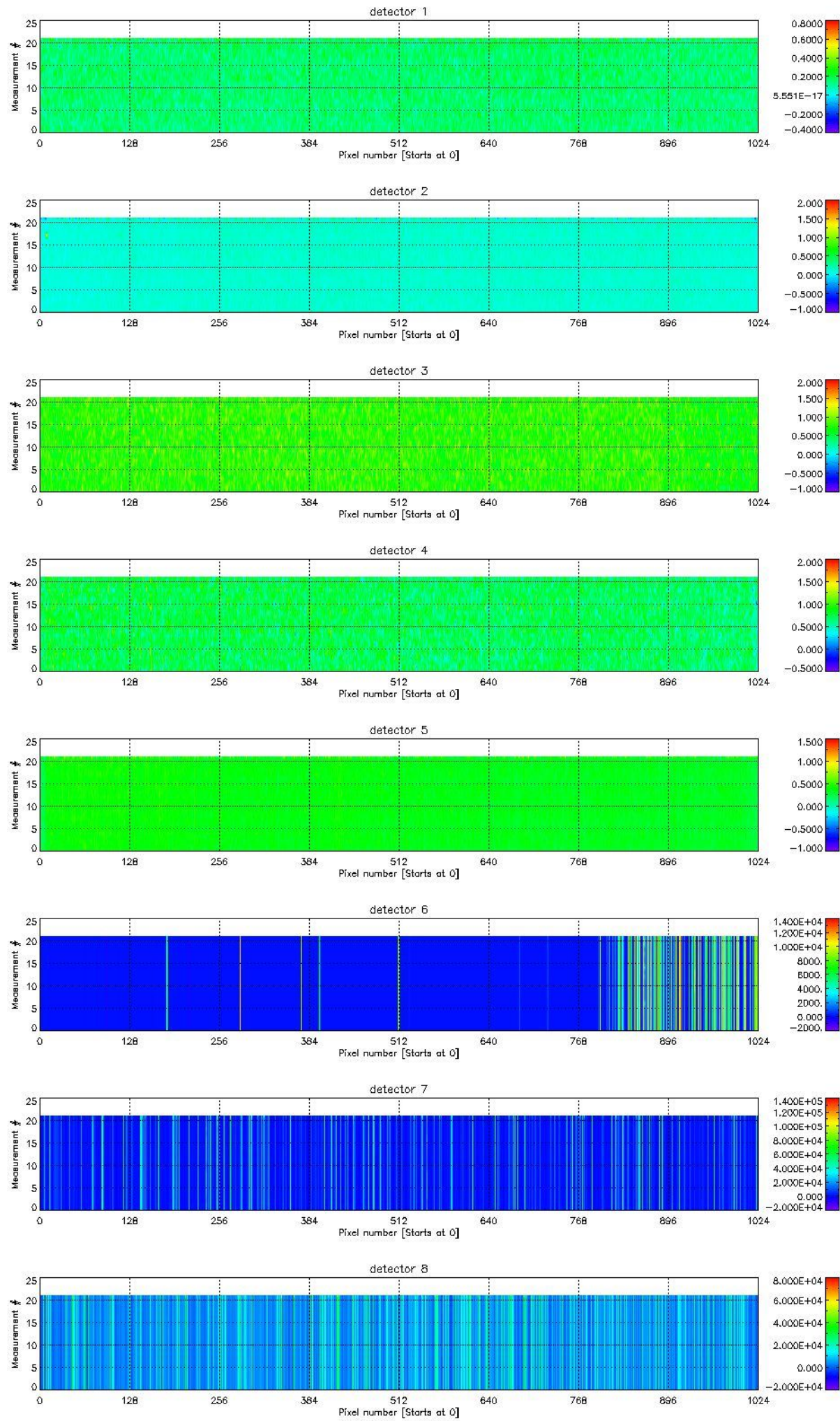
10	23APR2008 12:24:30	1	0.230400
11	23APR2008 12:33:07	1	0.315800
12	23APR2008 13:57:58	1	0.173222
13	23APR2008 14:03:30	1	0.257250
14	23APR2008 15:36:21	1	0.137600
15	23APR2008 15:45:41	1	0.230400
16	23APR2008 15:54:18	1	0.315800
17	23APR2008 17:19:09	1	0.173222
18	23APR2008 17:24:41	1	0.257250
19	23APR2008 18:57:32	1	0.137600
20	23APR2008 19:06:53	1	0.230400
21	23APR2008 19:15:29	1	0.310333

Plots of SCINL1P_NEWLEA_obm_detL_prmd temperatures vs time on 23APR2008.



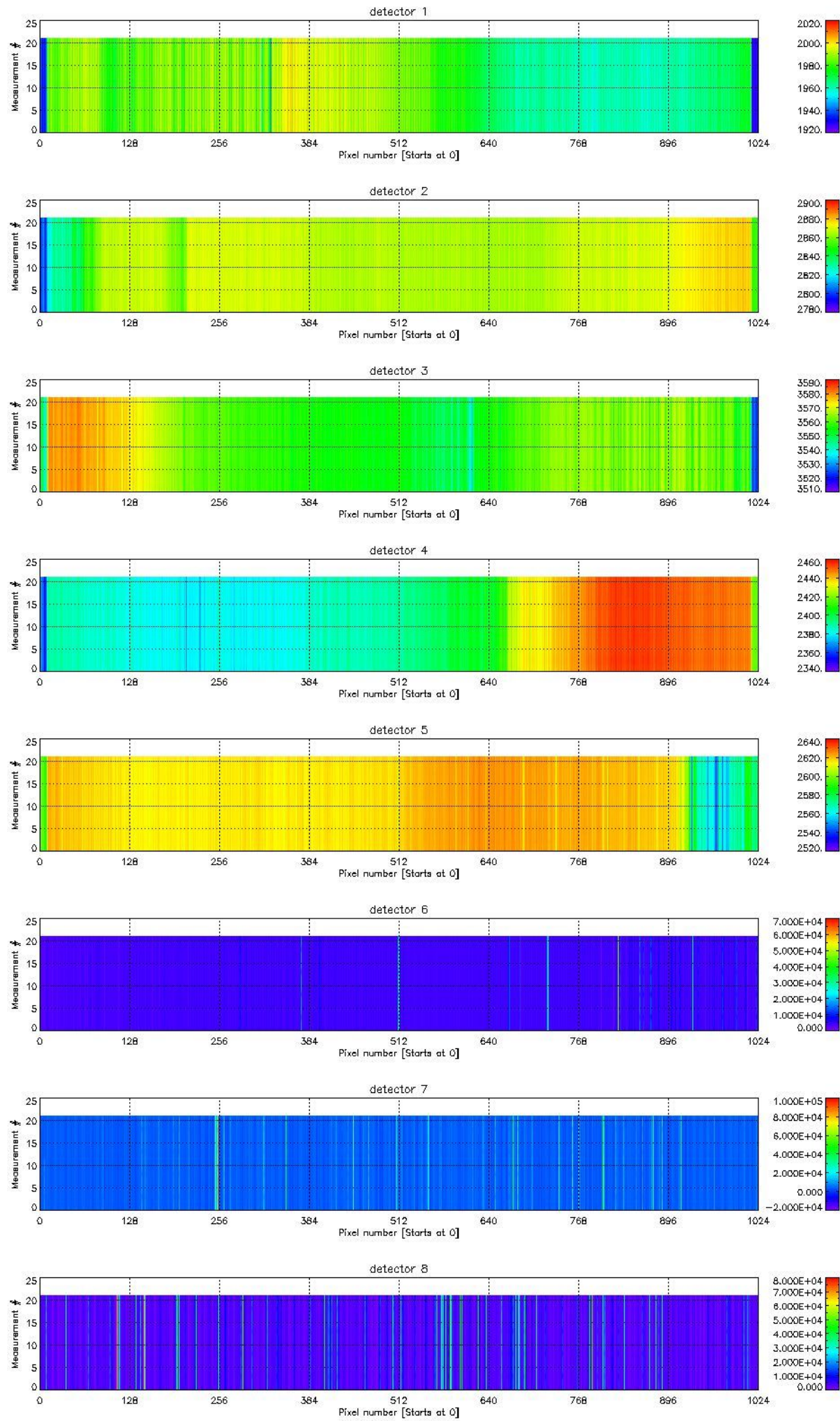
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_18.PNG

Plots of SCINLP_NEWLEA_leak_cur for various detectors on 23APR2008.
Colours indicate the value in BU/s.

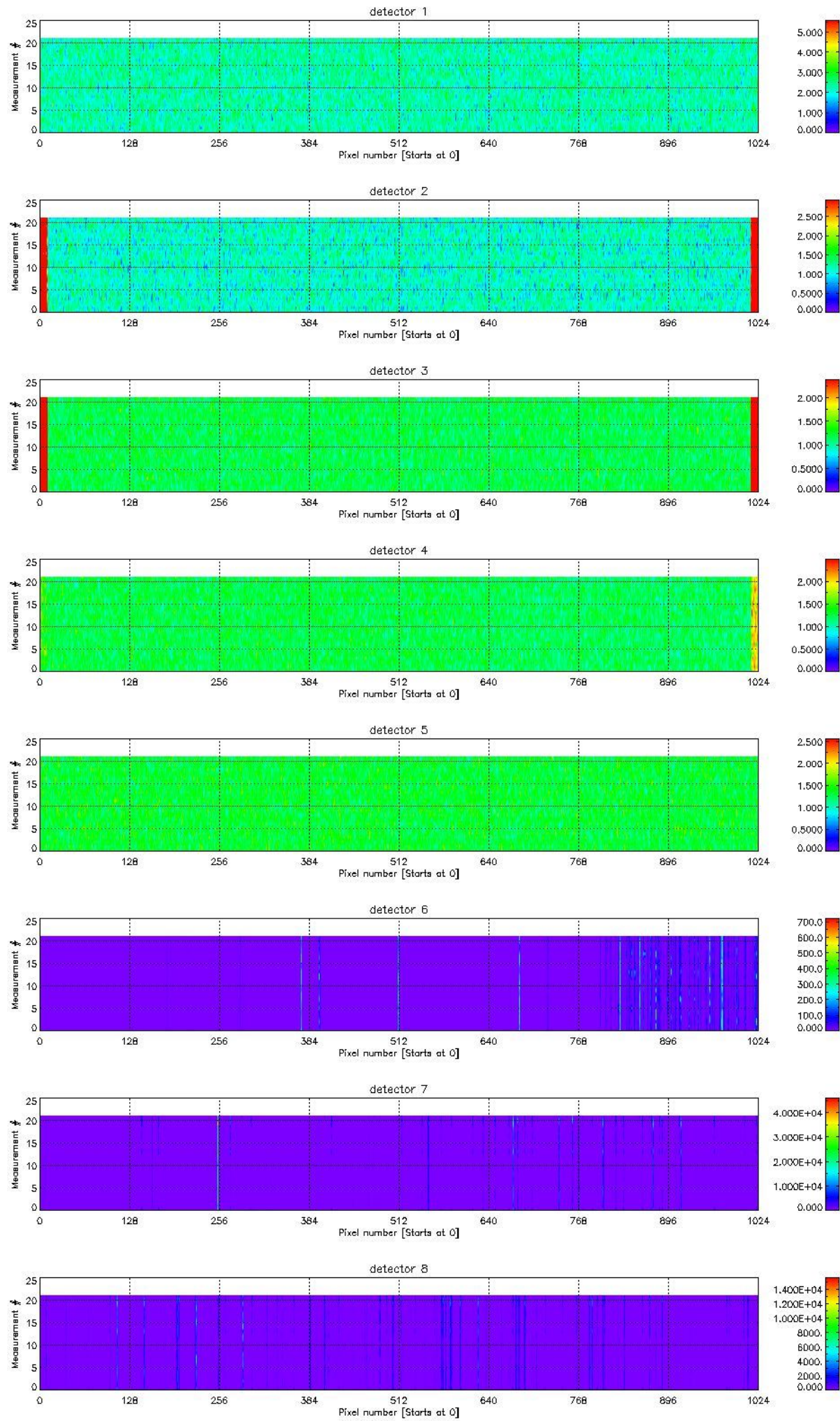


sciamachy_daily_report_level1_SCIA_6_03_N_20080423_19.PNG

Plots of SCINLP_NEWLEA_fpn for various detectors on 23APR2008.
Colours indicate the value in BU.

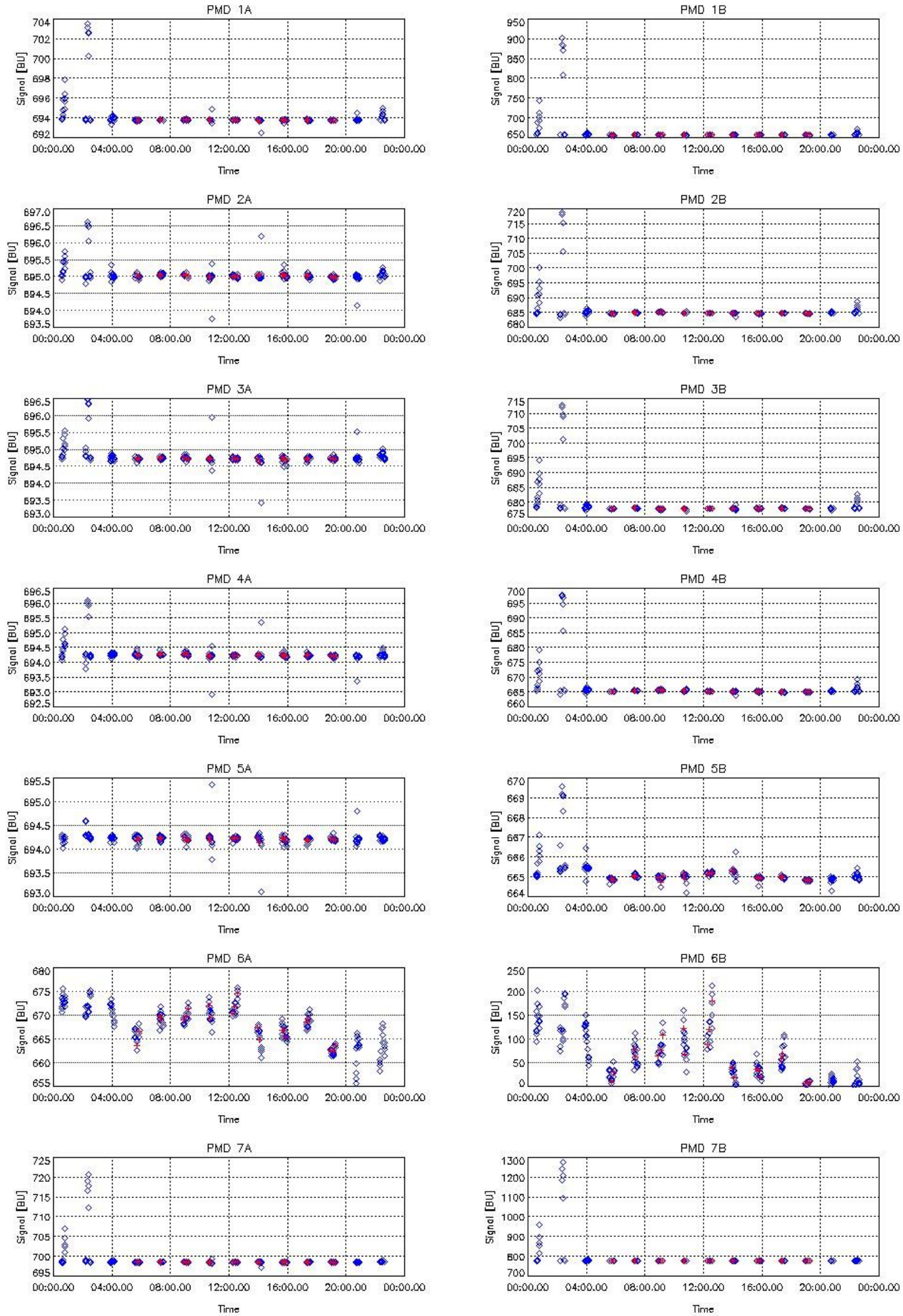


Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 23APR2008.
Colours indicate the value in BU.



sciamachy_daily_report_level1_SCIA_6_03_N_20080423_21.PNG

Plots of SCINL1P_NEWLEA_pmd_off vs time on 23APR2008 (red).
Dark average pmd data is given in blue for comparison.



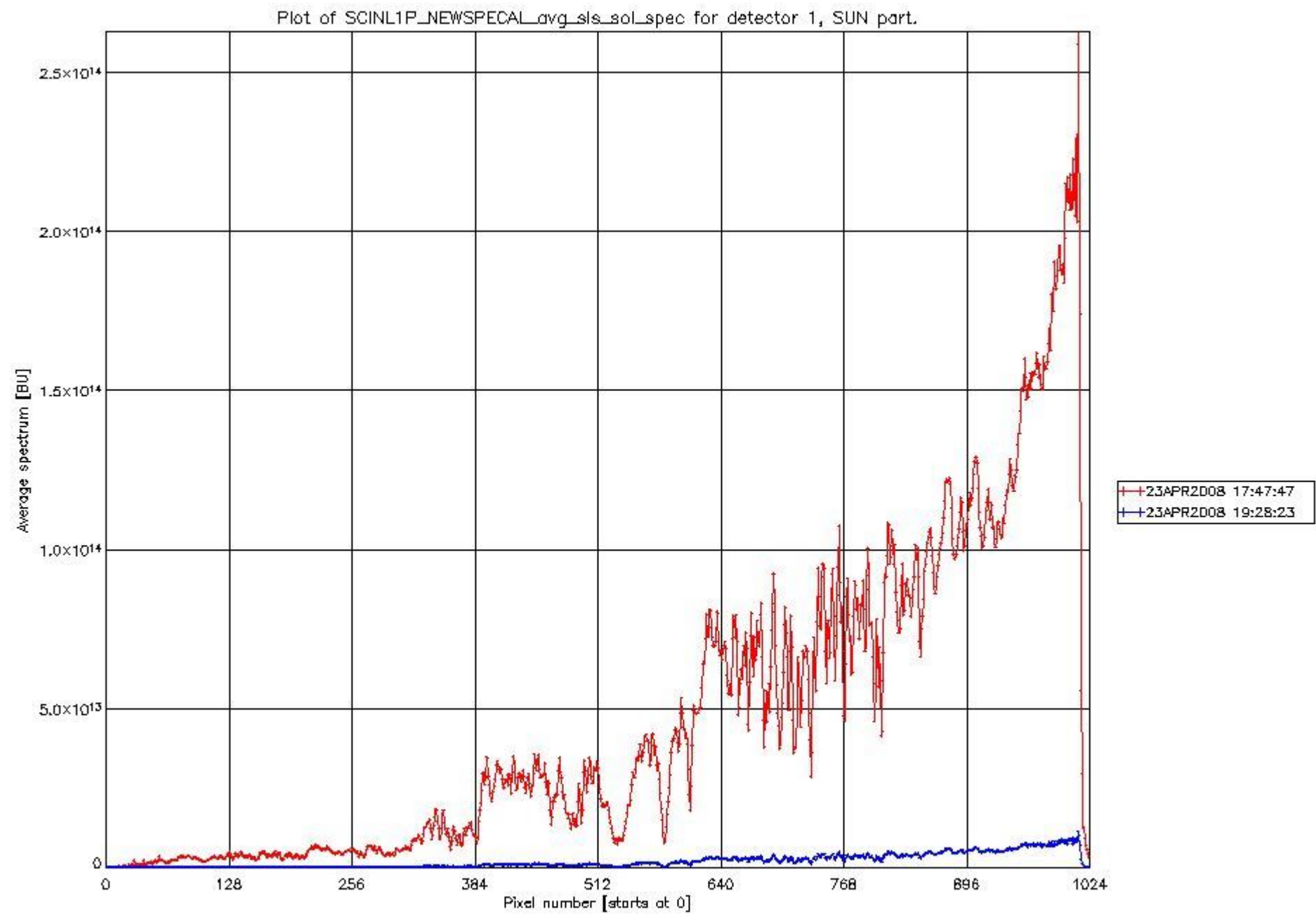
1.2.3 Spectral calibration parameters

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

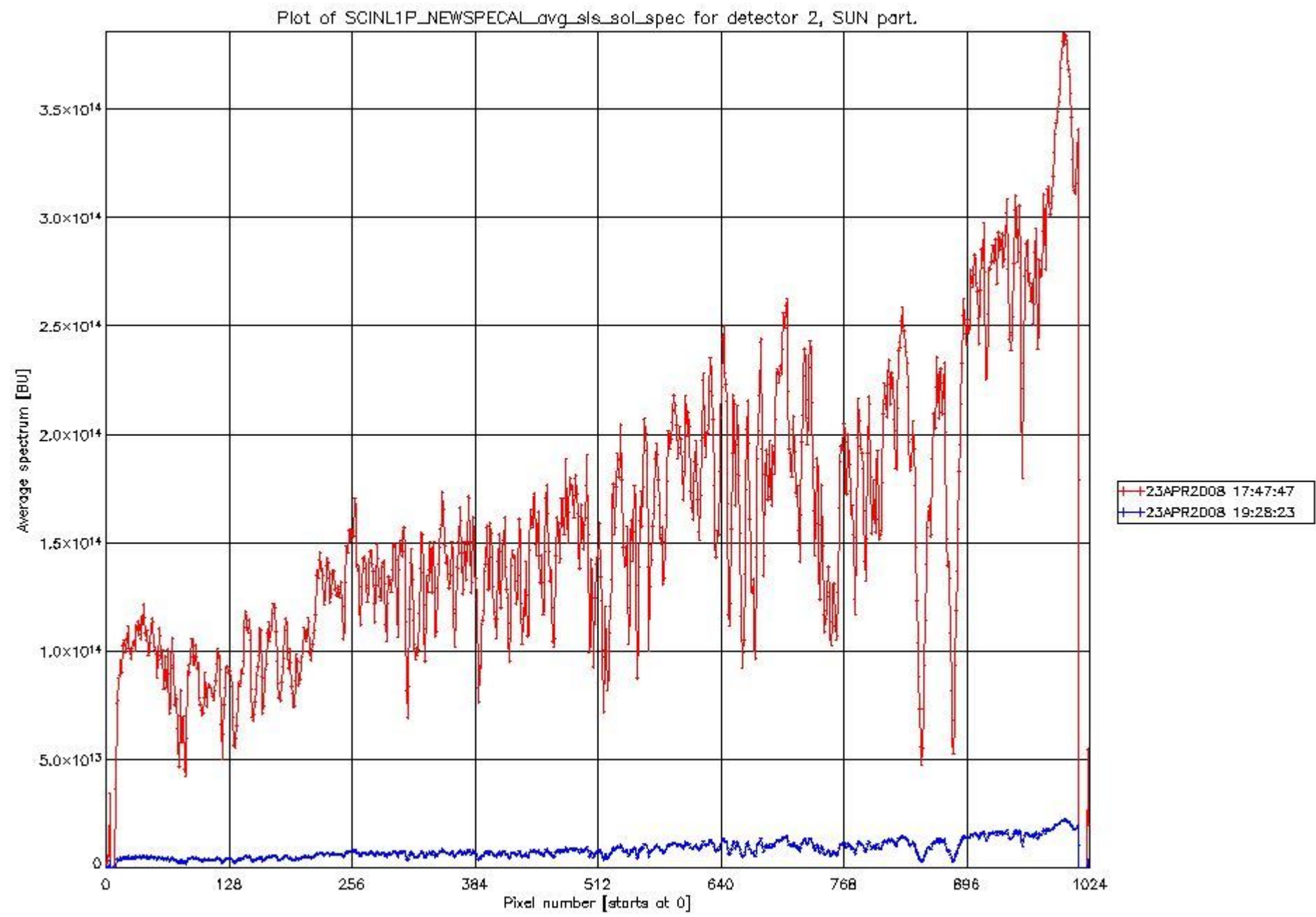
The following table lists general properties of the spectral calibration.

#	dsr_time	attach	orb_phase	source	#lines	cal_error [nm]	coeff[0]	coeff[1]	coeff[2]	coeff[3]	coeff[4]
0	23APR2008 17:47:47	0	0.432000	SUN	3	0.00111707	0.046304811	-5.3916450e-05	2.0194447e-08	0.0000000	0.0000000
				SUN	2	0.00402853	0.026146505	-0.00011879968	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00126498	-0.13699932	-4.9541039e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00367371	-0.18241476	-0.00011674513	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	23APR2008 19:28:23	0	0.432000	SUN	3	0.000840248	0.041821741	-4.0717219e-05	1.5313573e-08	0.0000000	0.0000000
				SUN	2	0.00381153	0.026380129	-0.00011238867	0.0000000	0.0000000	0.0000000
				SUN	2	0.00317493	-0.058990903	-0.00012345884	0.0000000	0.0000000	0.0000000
				SUN	2	0.00201011	-0.26434949	9.4827999e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00347533	-0.19985308	-0.00011043565	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

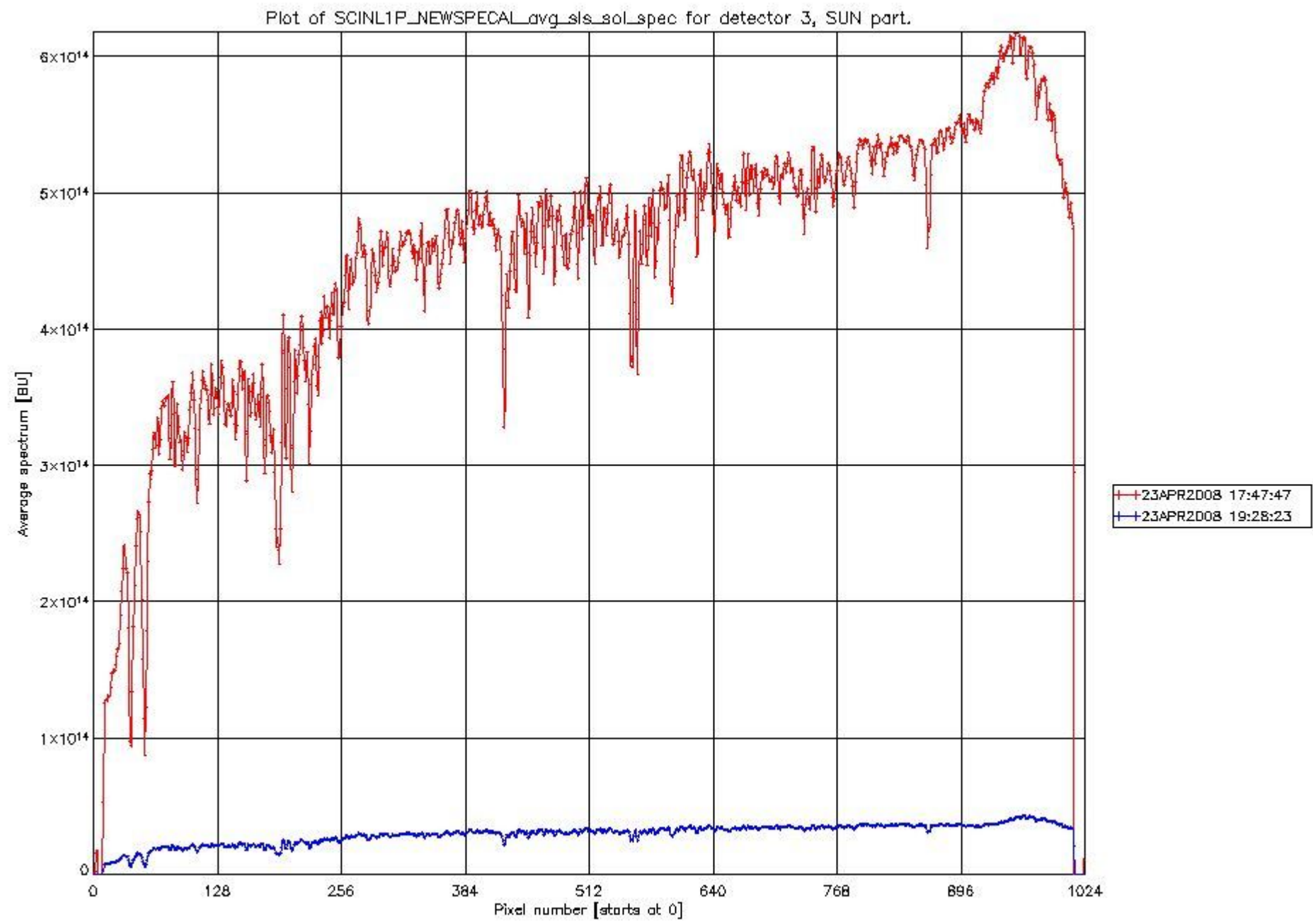
The following figures give an overview of the recorded signal for each detector.



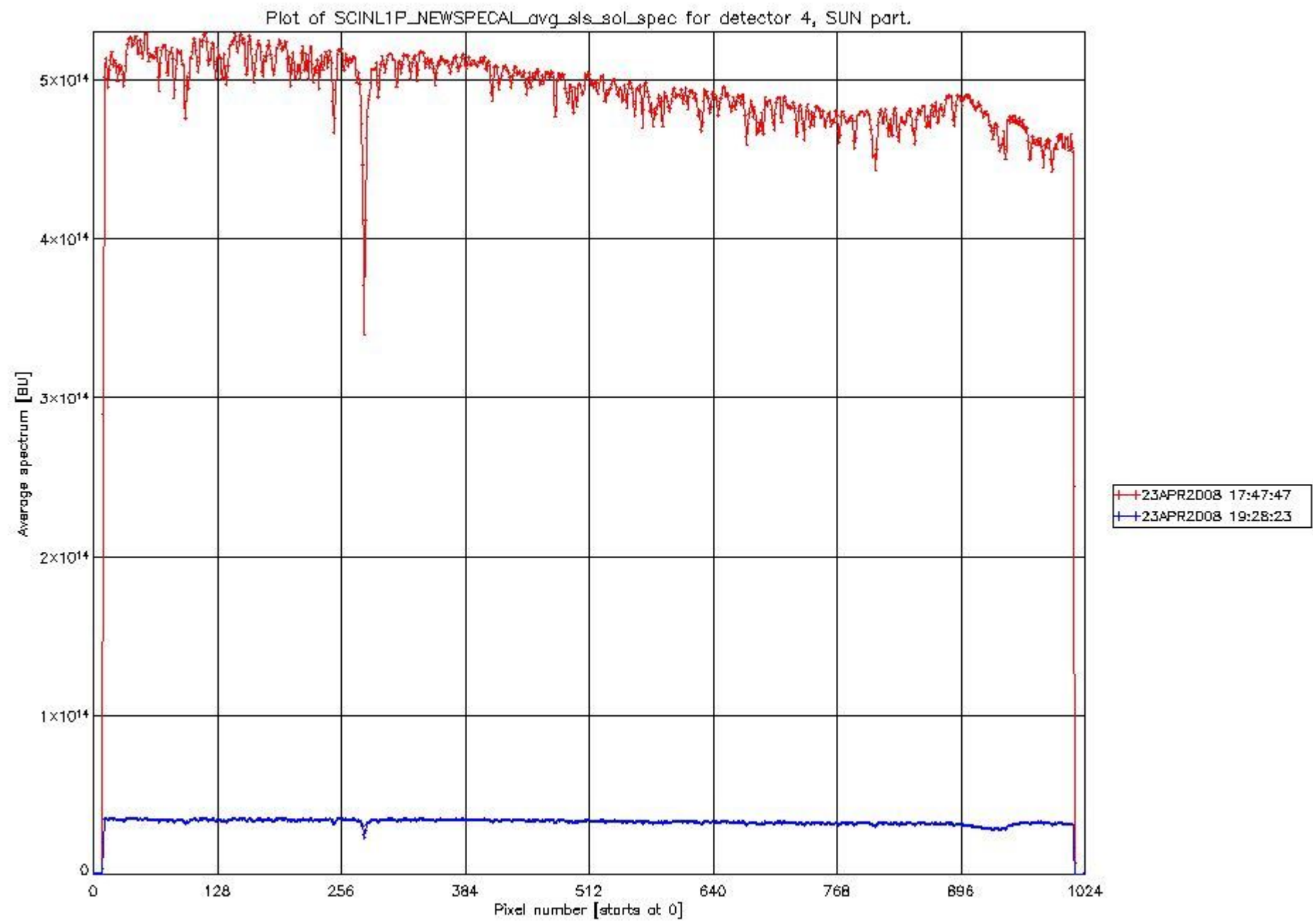
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_23.PNG



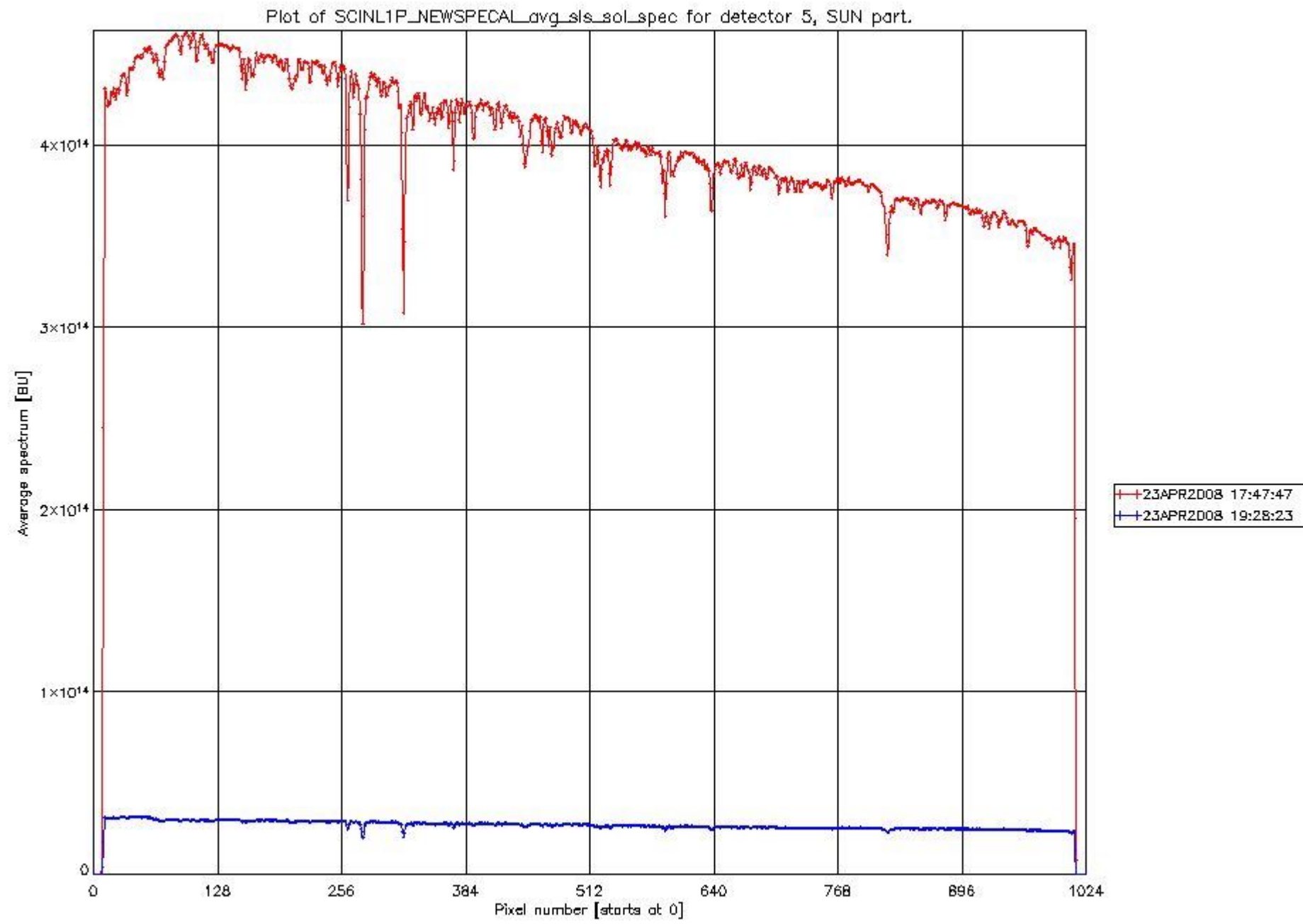
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_24.PNG

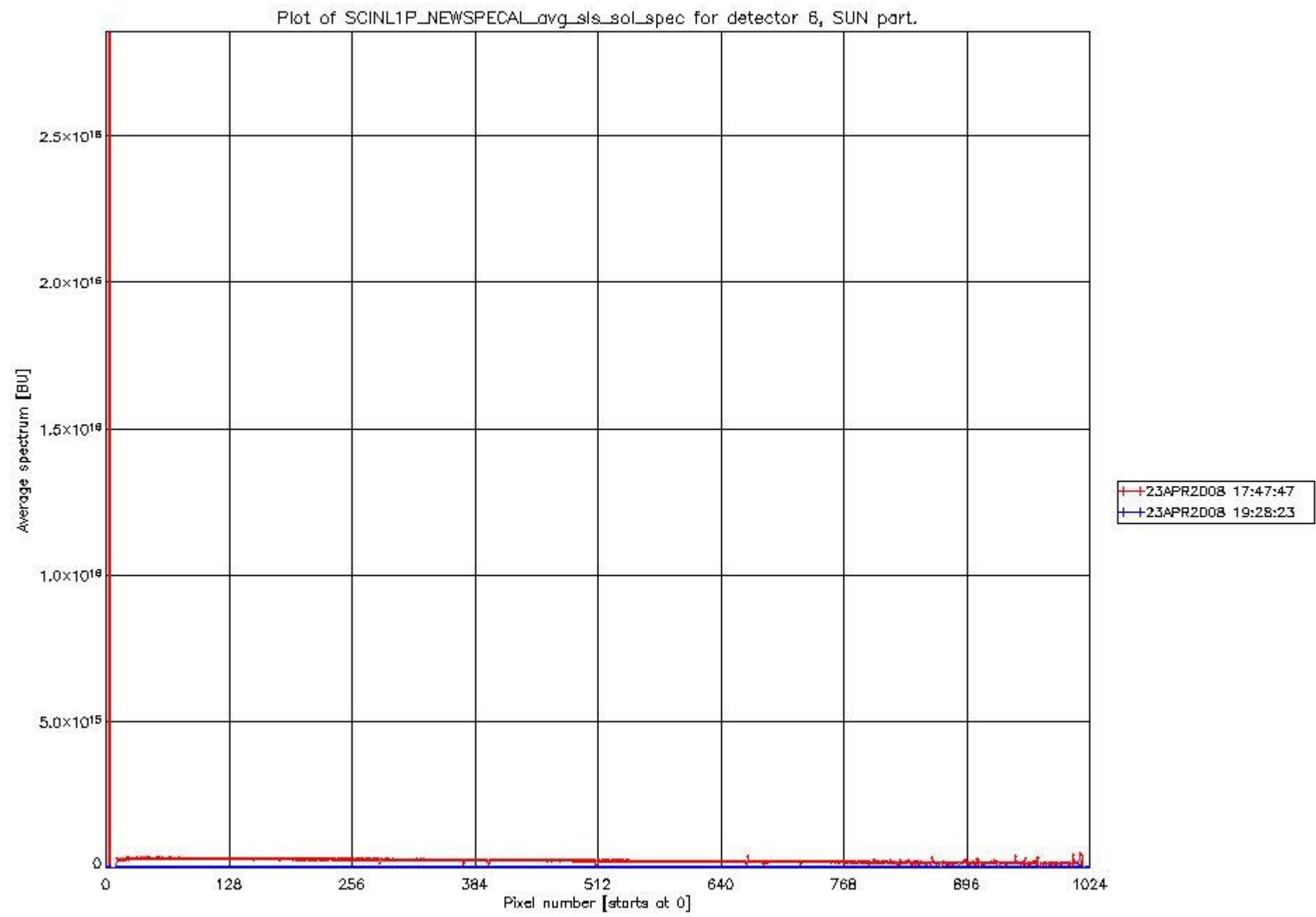


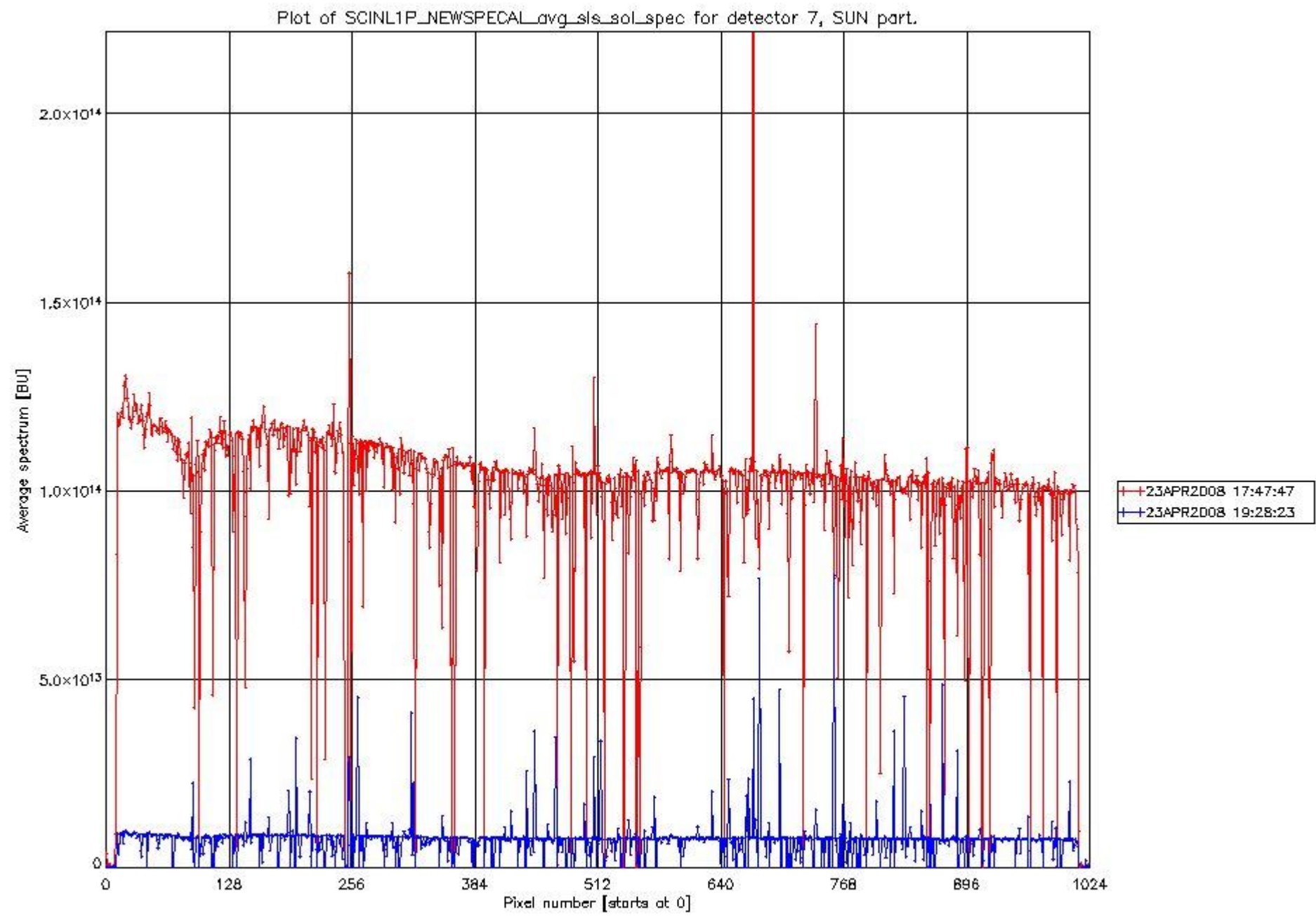
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_25.PNG



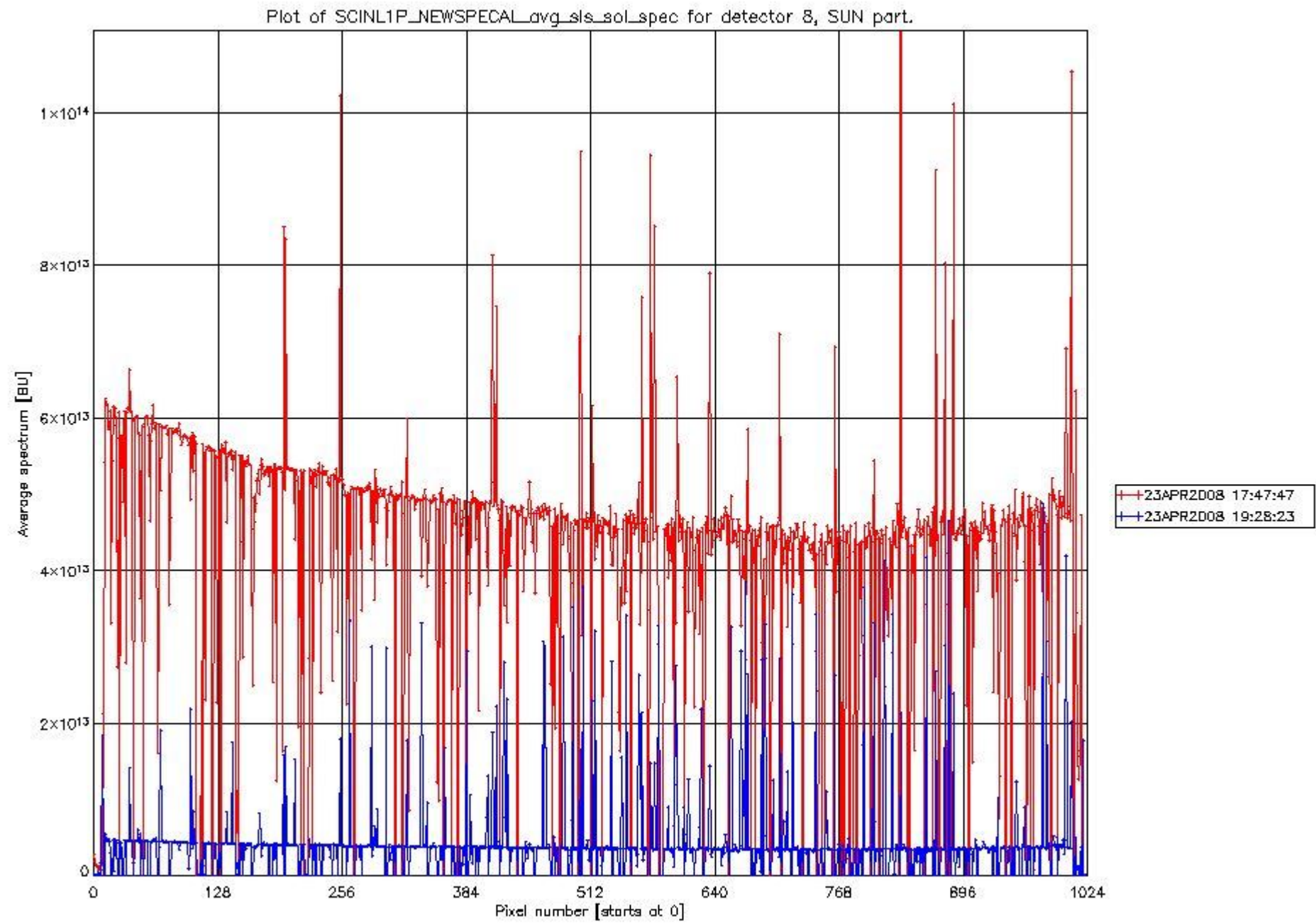
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_26.PNG







sciamachy_daily_report_level1_SCIA_6_03_N_20080423_29.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080423_30.PNG

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

1.2.4 New sun reference spectrum parameters

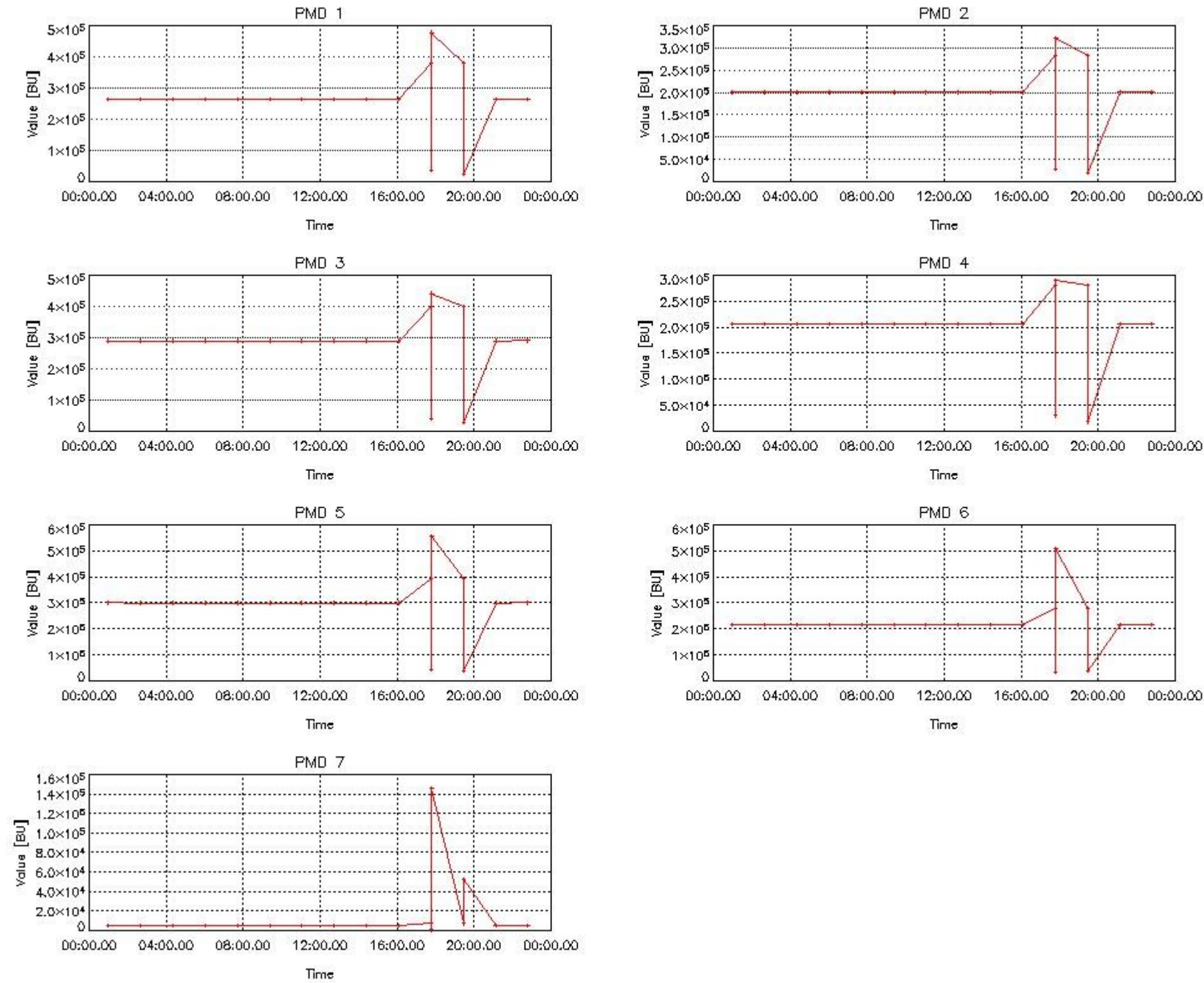
This section lists properties of the new sun reference spectrum data within the processing scope.

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	23APR2008 00:59:56	0	O 1	1	-31.8491	-11.7286	0.00000	0.0103557
		0	U 1	1	-31.8491	-11.7286	0.00000	0.0103557
1	23APR2008 02:40:32	0	O 1	1	-31.8546	-11.7287	0.00000	0.0103566
		0	U 1	1	-31.8546	-11.7287	0.00000	0.0103566
2	23APR2008 04:21:08	0	O 1	1	-31.8605	-11.7278	0.00000	0.0103579
		0	U 1	1	-31.8605	-11.7278	0.00000	0.0103579

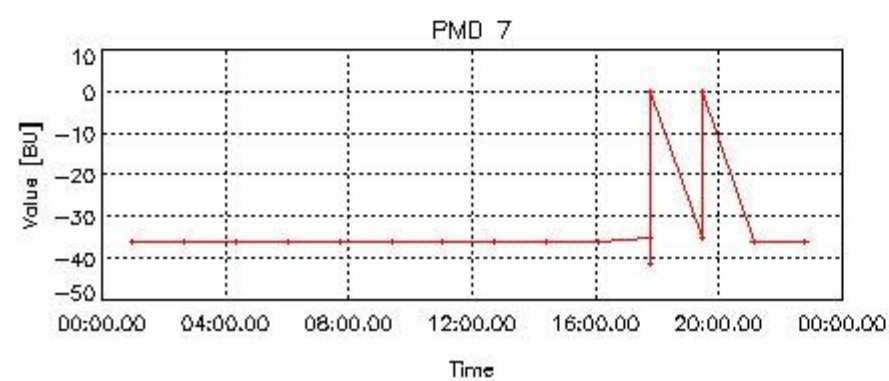
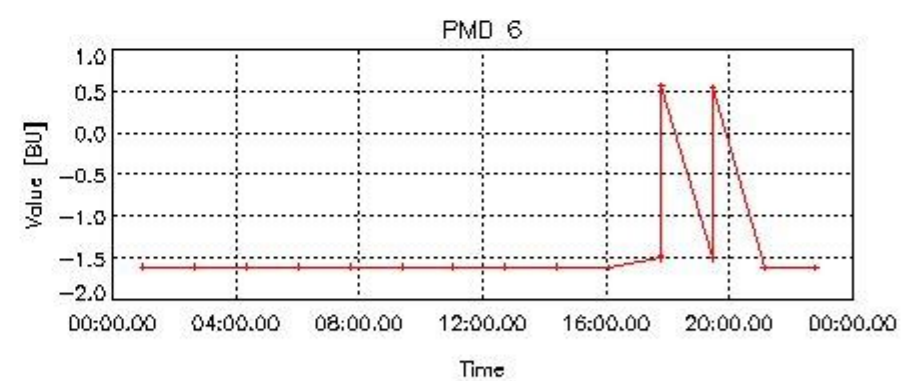
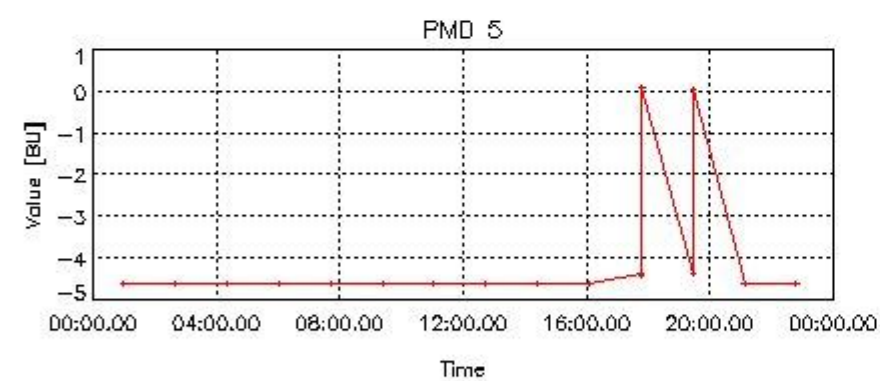
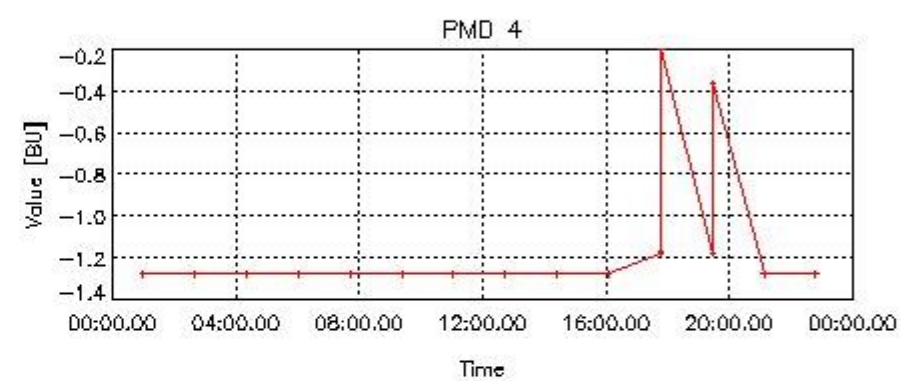
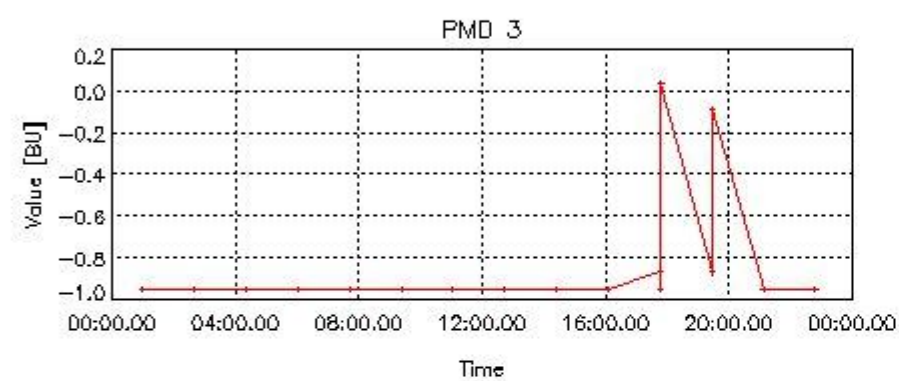
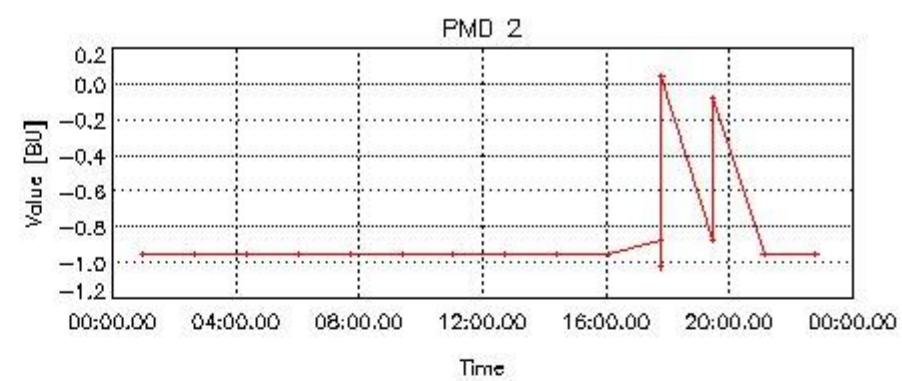
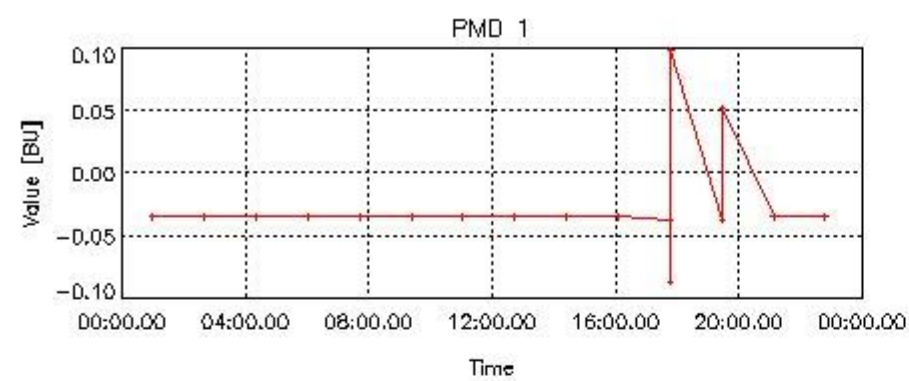
3	23APR2008 06:01:43	0 0	O U	1 1	-31.8667 -31.8667	-11.7265 -11.7265	0.00000 0.00000	0.0103594 0.0103594
4	23APR2008 07:42:19	0 0	O U	1 1	-31.8727 -31.8727	-11.7258 -11.7258	0.00000 0.00000	0.0103607 0.0103607
5	23APR2008 09:22:54	0 0	O U	1 1	-31.8789 -31.8789	-11.7258 -11.7258	0.00000 0.00000	0.0103618 0.0103618
6	23APR2008 11:03:30	0 0	O U	1 1	-31.8845 -31.8845	-11.7259 -11.7259	0.00000 0.00000	0.0103627 0.0103627
7	23APR2008 12:44:05	0 0	O U	1 1	-31.8901 -31.8901	-11.7262 -11.7262	0.00000 0.00000	0.0103636 0.0103636
8	23APR2008 14:24:41	0 0	O U	1 1	-31.8950 -31.8950	-11.7269 -11.7269	0.00000 0.00000	0.0103642 0.0103642
9	23APR2008 16:05:17	0 0	O U	1 1	-31.9008 -31.9008	-11.7274 -11.7274	0.00000 0.00000	0.0103650 0.0103650
10	23APR2008 17:45:52	0 0	O U	1 1	-31.7397 -31.7397	-12.5497 -12.5497	0.00000 0.00000	0.0102040 0.0102040
11	23APR2008 17:47:11	0 0	O U	1 1	-31.7848 -31.7848	-11.9266 -11.9266	0.00000 0.00000	0.0103125 0.0103125
12	23APR2008 17:47:47	0 0	D E	1 1	-32.0166 -32.0166	-15.0000 -15.0000	21.6799 21.6799	0.0105379 0.0105379
13	23APR2008 19:26:28	0 0	O U	1 1	-31.7461 -31.7461	-12.5481 -12.5481	0.00000 0.00000	0.0102056 0.0102056
14	23APR2008 19:28:23	0 0	D A	0 0	-3.99947 -3.99947	-11.2550 -11.2550	21.6801 21.6801	0.0105392 0.0105392
15	23APR2008 21:07:03	0 0	O U	1 1	-31.9199 -31.9199	-11.7254 -11.7254	0.00000 0.00000	0.0103691 0.0103691
16	23APR2008 22:47:39	0 0	O U	1 1	-31.9258 -31.9258	-11.7252 -11.7252	0.00000 0.00000	0.0103702 0.0103702

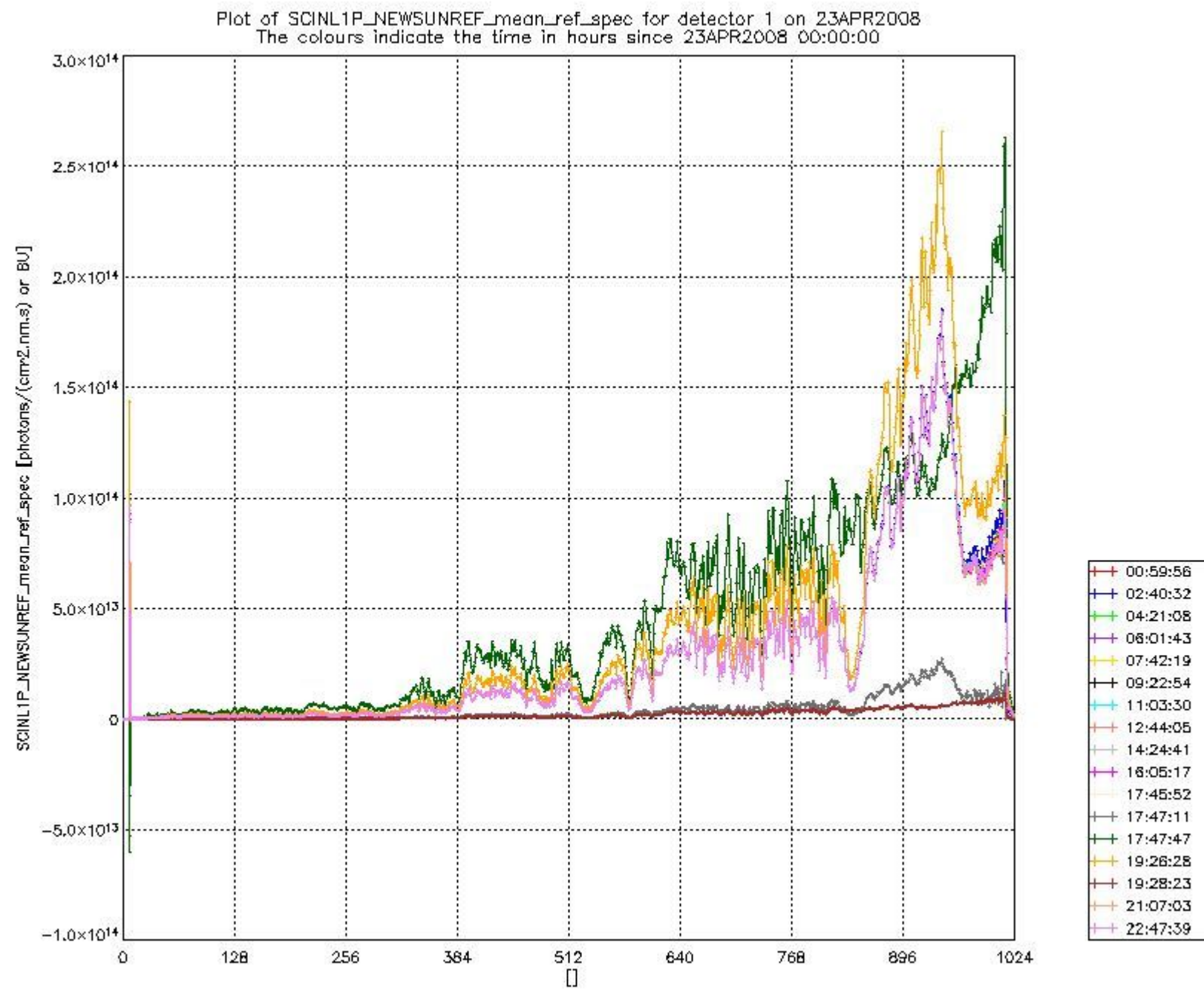
Plot of SCINL1P_NEWSUNREF_mean_pmd versus time

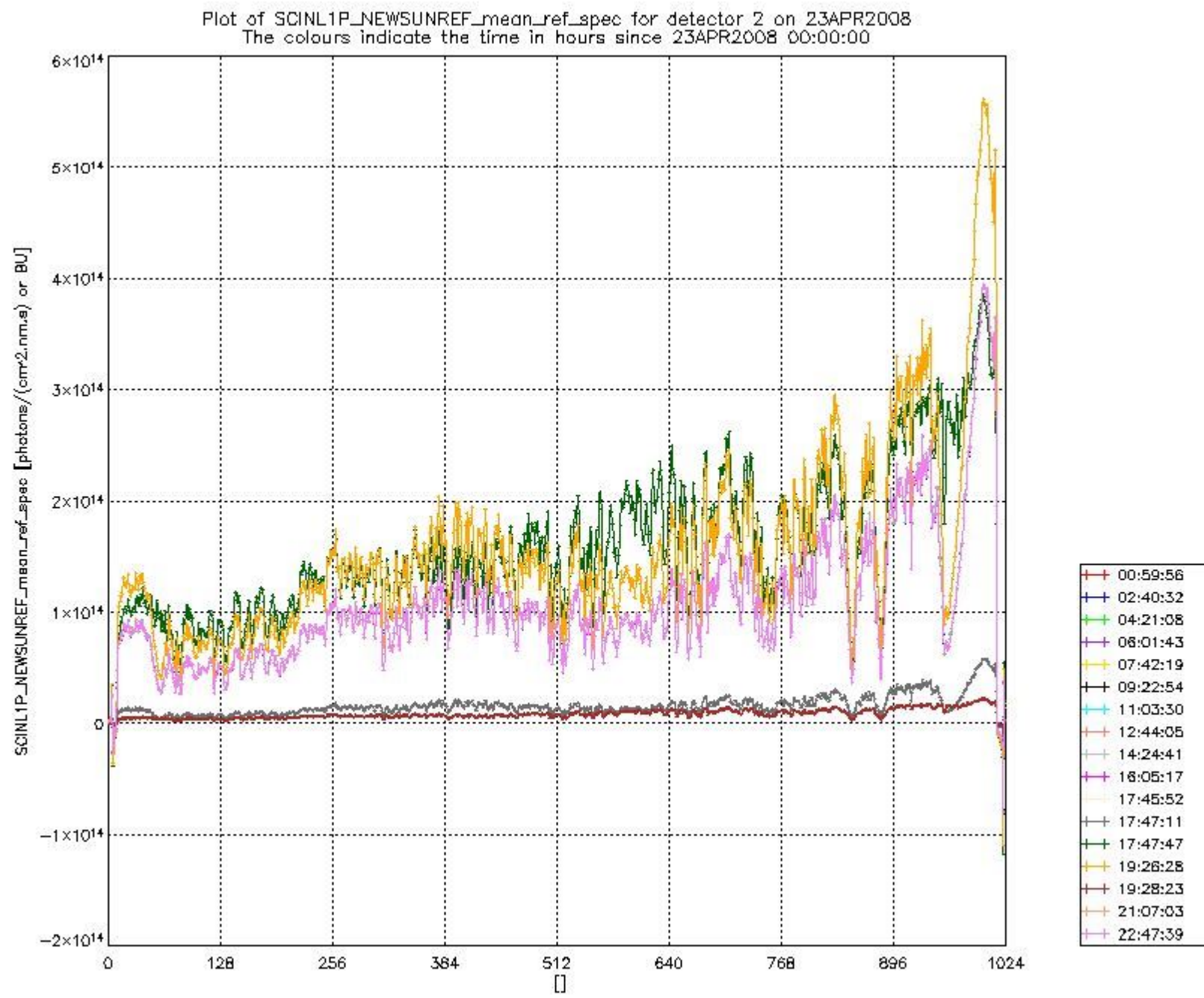


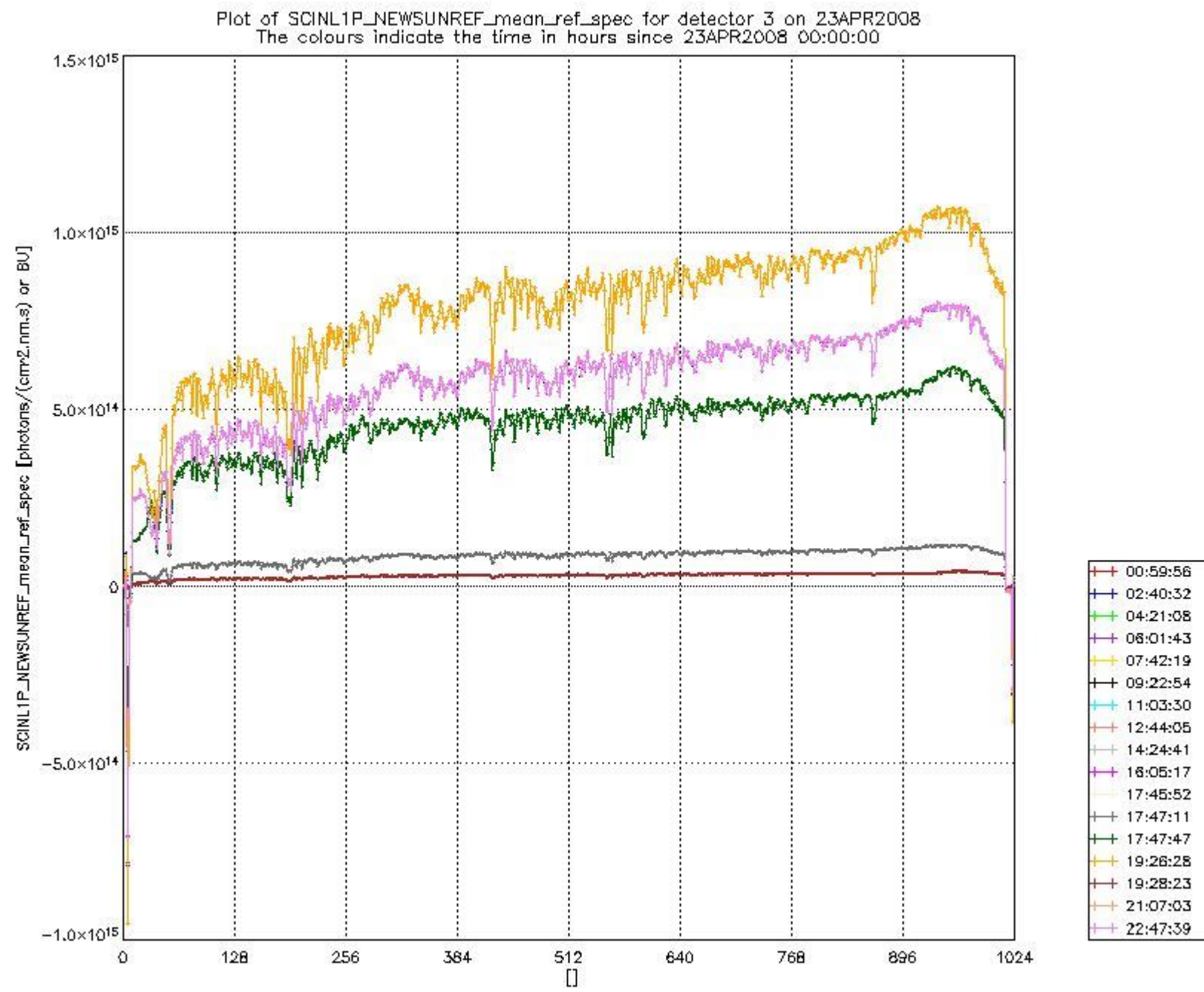
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_31.PNG

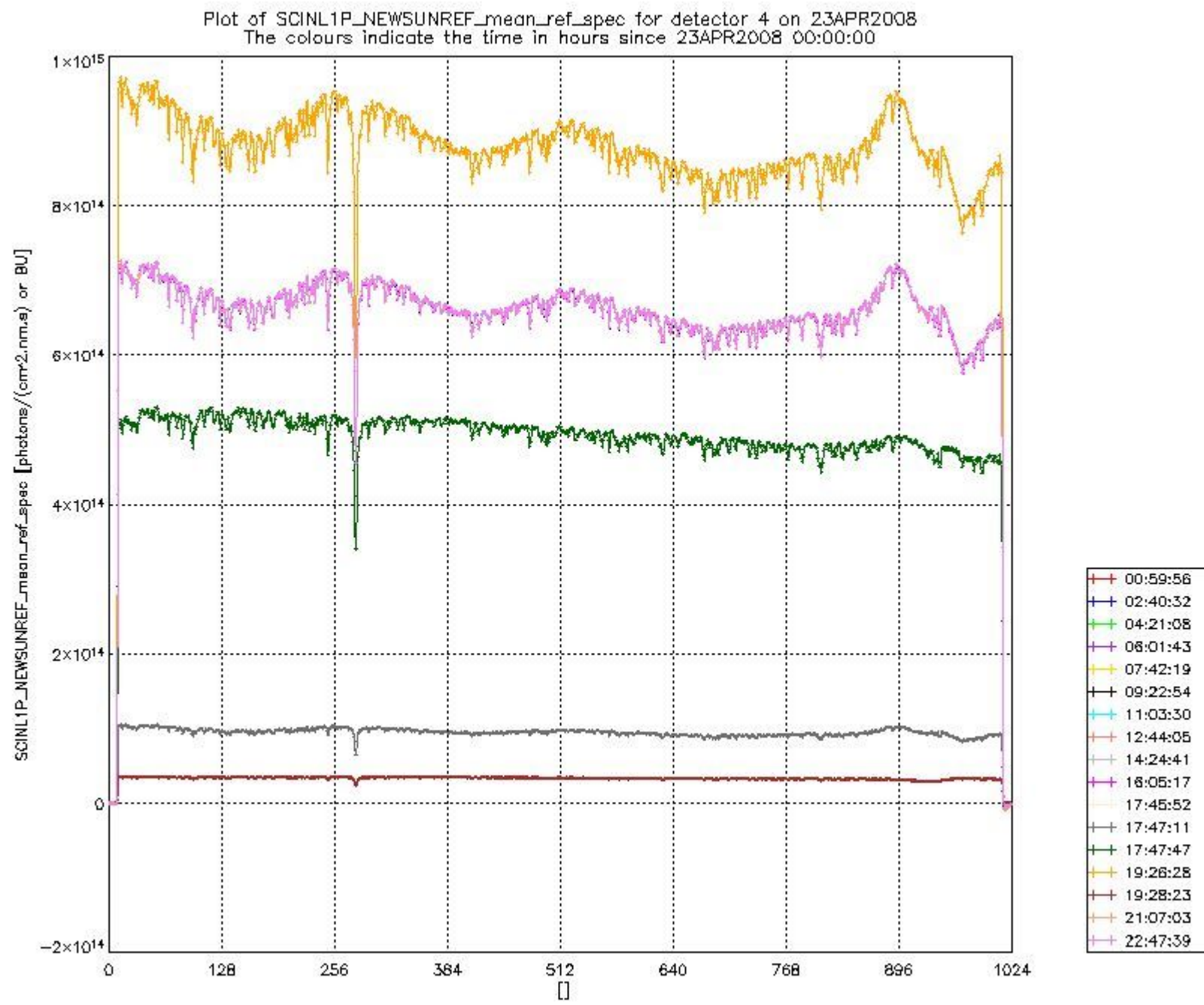
Plot of SCINL1P_NEWSUNREF_pmd_out versus time

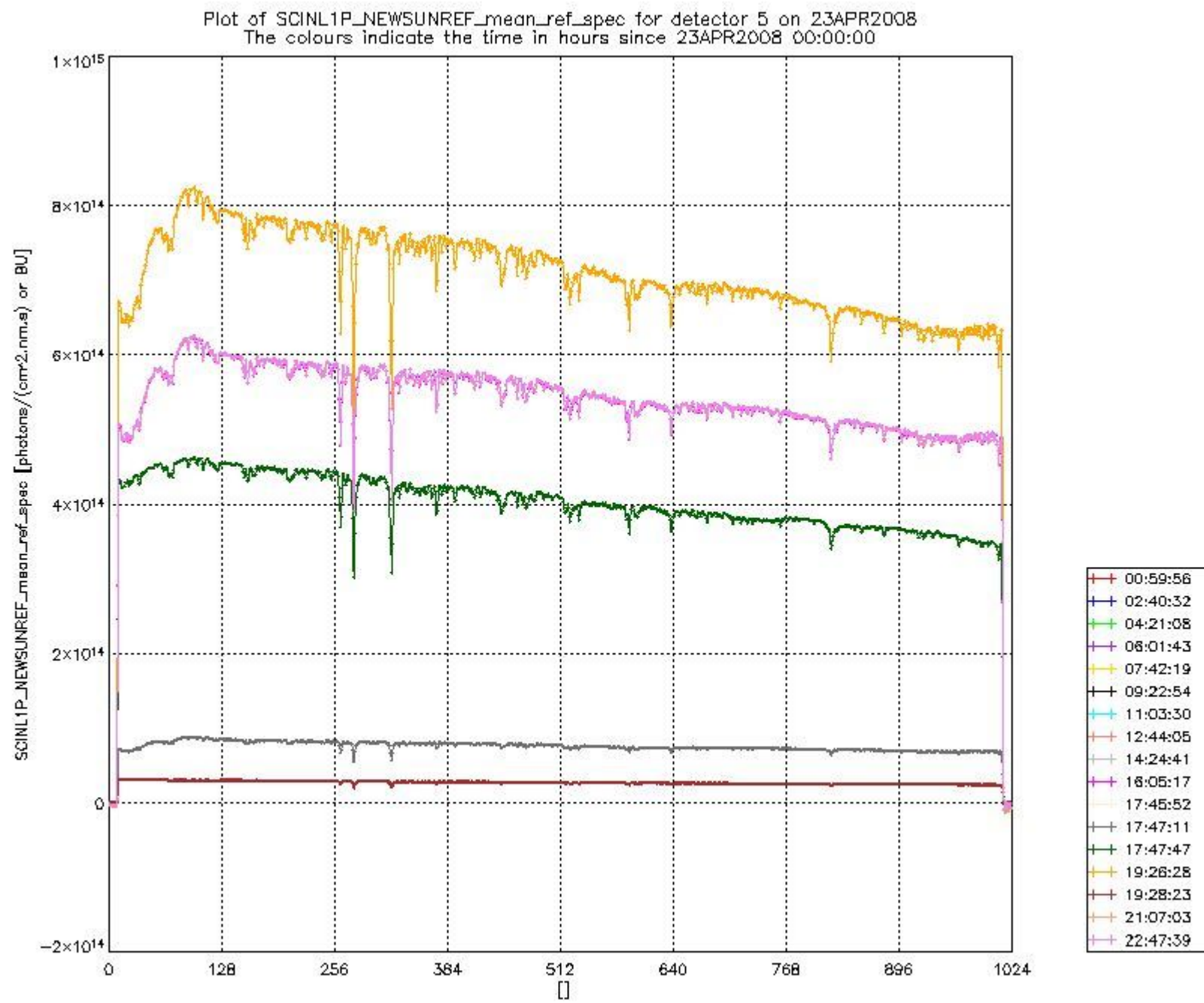


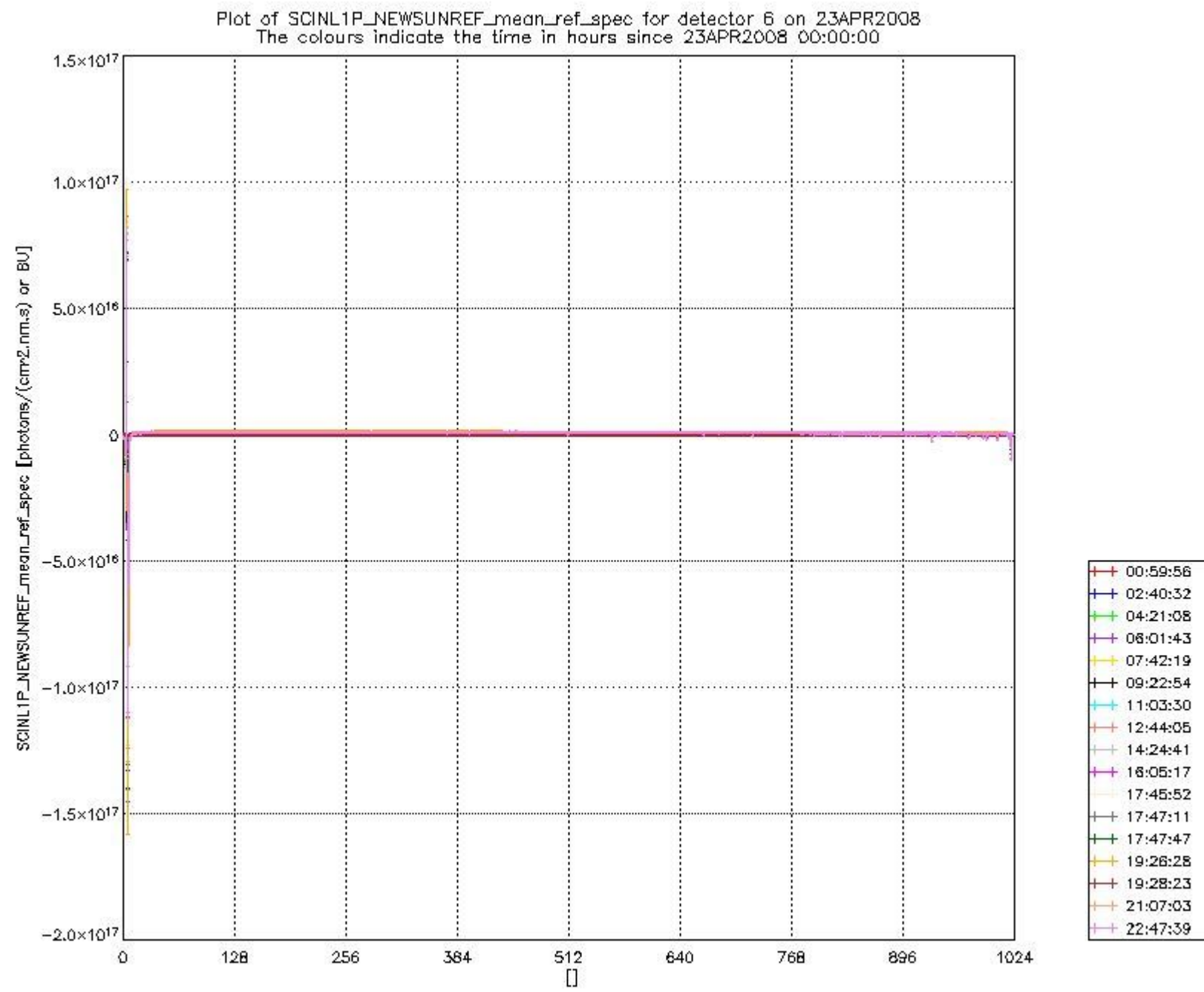


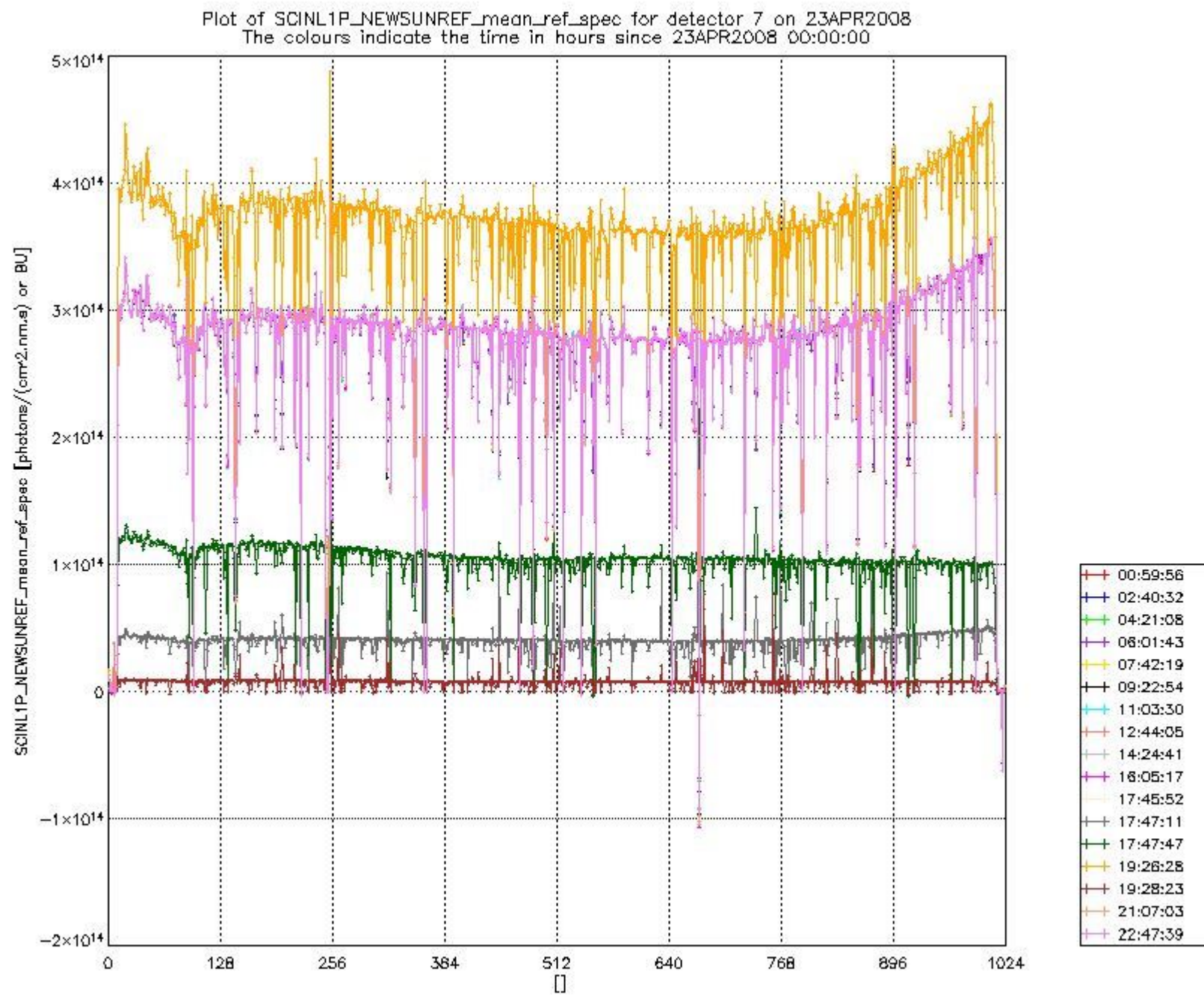


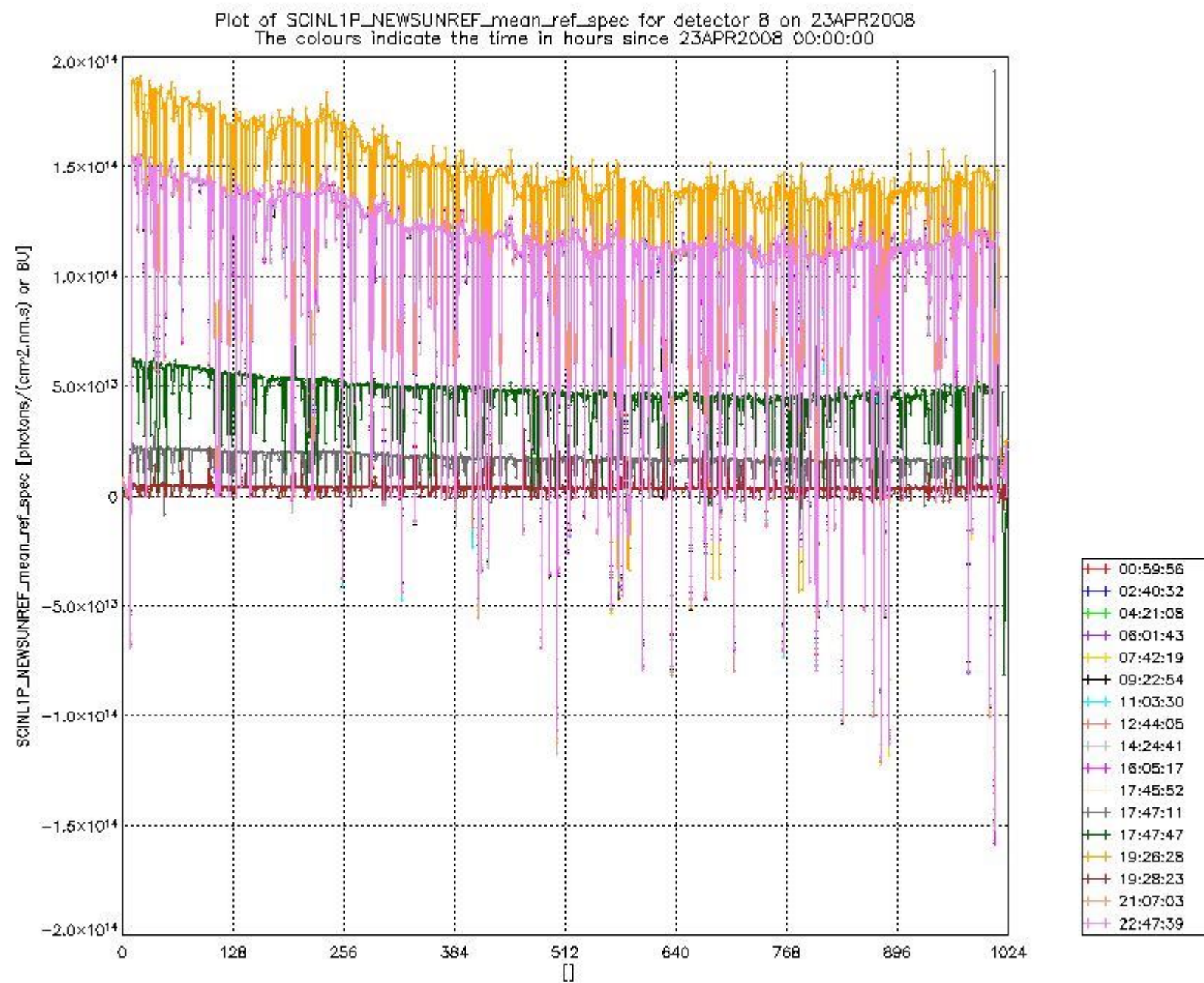




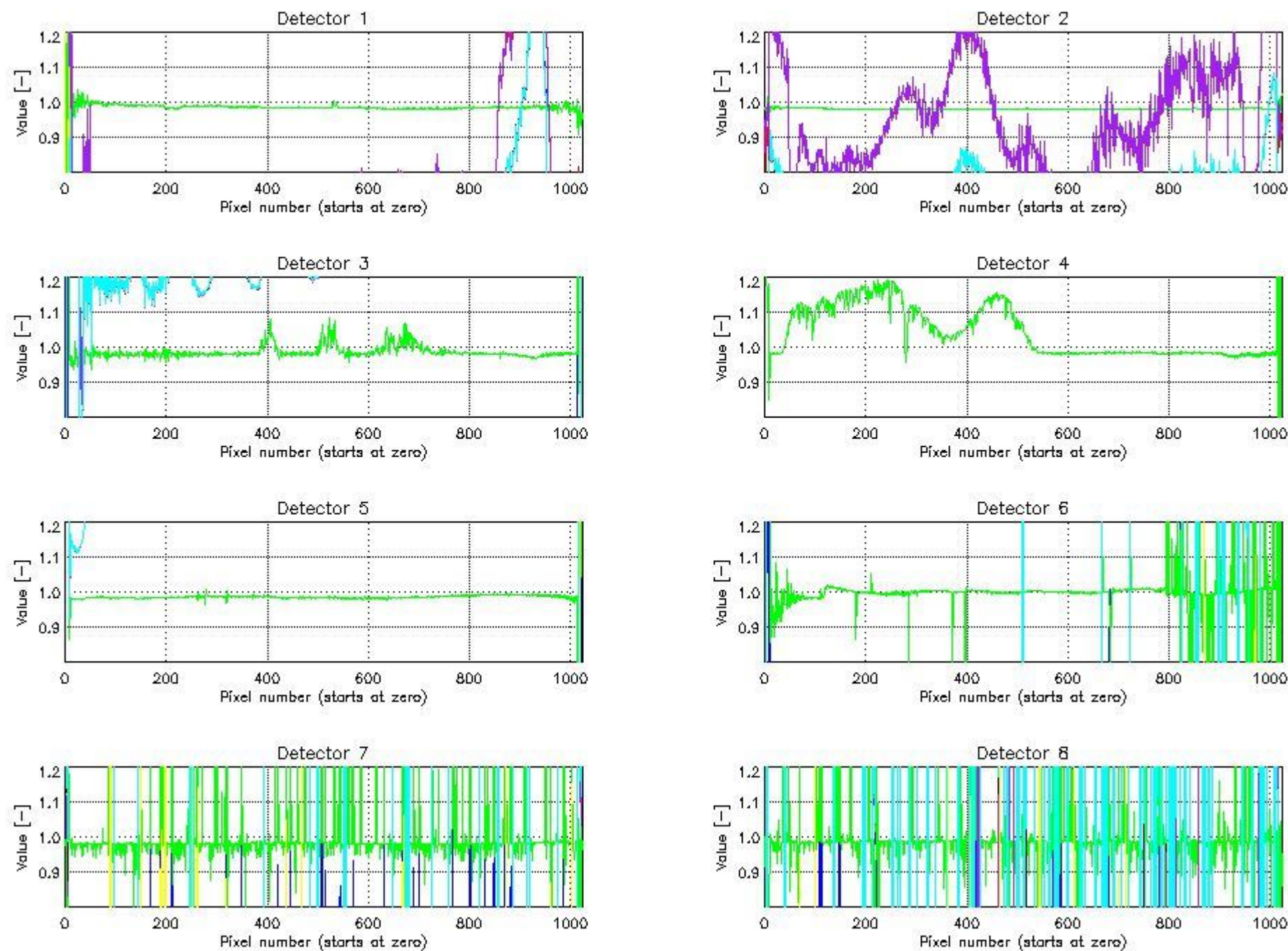








Ratio plot of D0 (ndf=1) sunref data vs. ADF
ADF: SCI_SU1_AXMEC20080421_083839_20080417_174048_20080502_191957



sciamachy_daily_report_level1_SCIA_6_03_N_20080423_41.PNG

1.2.5 PPG and Etalon parameters

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

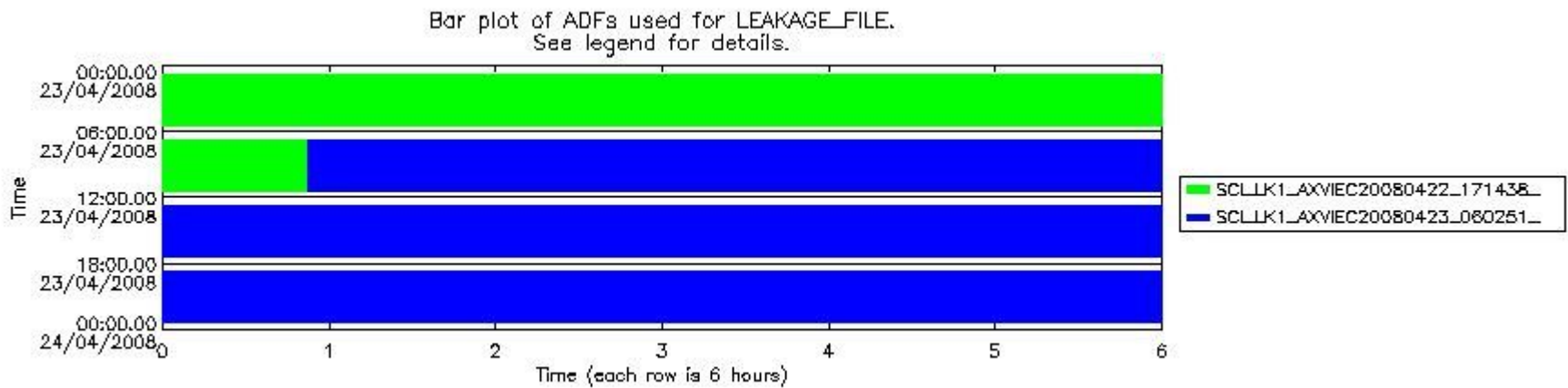
1.3 ADF monitoring

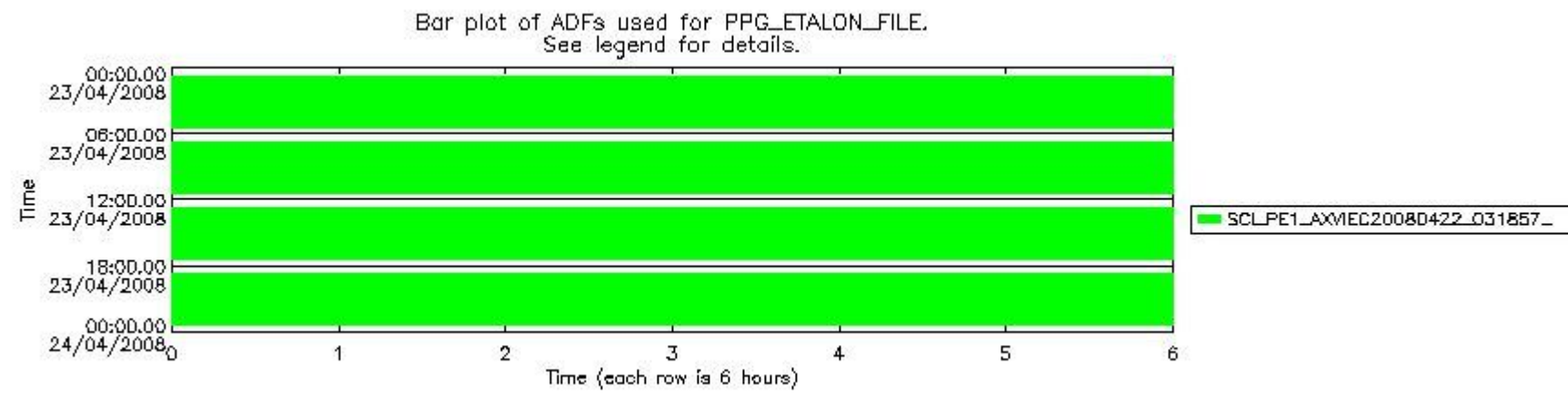
This section shows the (variation in) ADFs used for each of the products. It consists of:

- 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.

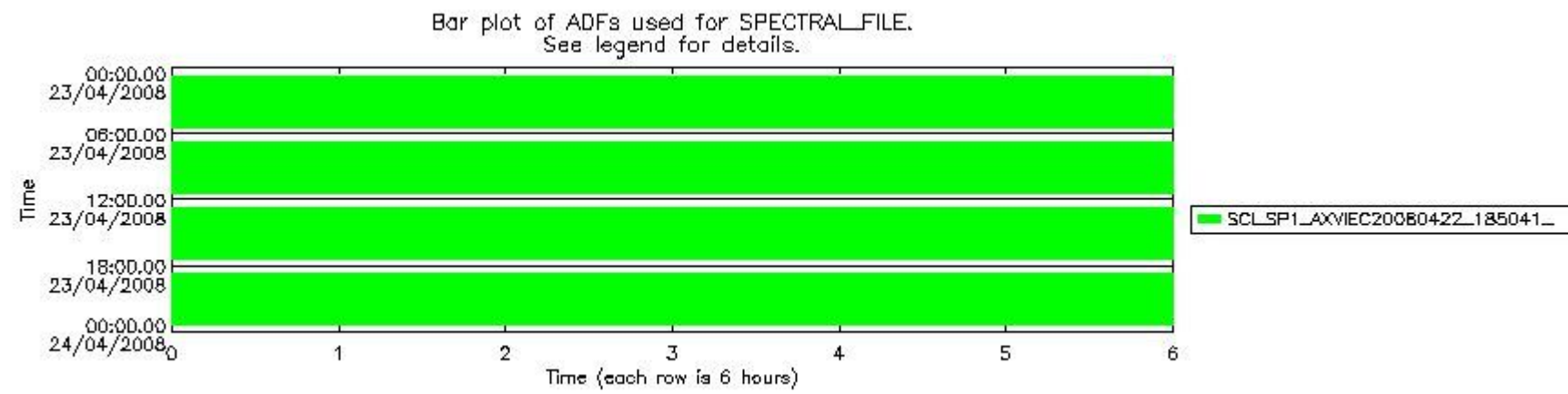
No new ADFs available

Number	ADF
	LK1 (LEAKAGE_FILE)
0	SCI_LK1_AXVIEC20080422_171438_20080419_053655_20080618_071839
1	SCI_LK1_AXVIEC20080423_060251_20080420_125403_20080619_143235
	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_AXVIEC20080421_083839_20080417_174048_20080502_191957
5	SCI_SU1_AXVIEC20080423_030749_20080419_181633_20080504_195804
	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_0PNPDE20080422_210915_000060572068_00014_32132_5386.N1
10	DOR_NAV_0PNPDE20080422_225531_000057382068_00015_32133_5387.N1
11	DOR_NAV_0PNPDE20080423_003628_000054192068_00016_32134_5388.N1
12	DOR_NAV_0PNPDE20080423_021206_000041442068_00017_32135_5389.N1
13	DOR_NAV_0PNPDE20080423_032629_000057382068_00018_32136_5390.N1
14	DOR_NAV_0PNPDE20080423_050726_000057382068_00019_32137_5391.N1
15	DOR_NAV_0PNPDE20080423_210908_000038262068_00029_32147_5392.N1
16	DOR_NAV_0PNPDK20080423_064823_000038252068_00020_32138_6670.N1
17	DOR_NAV_0PNPDK20080423_075728_000057382068_00021_32139_6671.N1
18	DOR_NAV_0PNPDK20080423_093825_000057382068_00022_32140_6672.N1
19	DOR_NAV_0PNPDK20080423_111922_000054192068_00023_32141_6673.N1
20	DOR_NAV_0PNPDK20080423_125500_000057382068_00024_32142_6674.N1
21	DOR_NAV_0PNPDK20080423_143557_000054192068_00025_32143_6675.N1
22	DOR_NAV_0PNPDK20080423_161135_000054192068_00026_32144_6678.N1
23	DOR_NAV_0PNPDK20080423_174714_000057382068_00027_32145_6680.N1
	ATT (ATTITUDE_FILE)
24	NOT USED

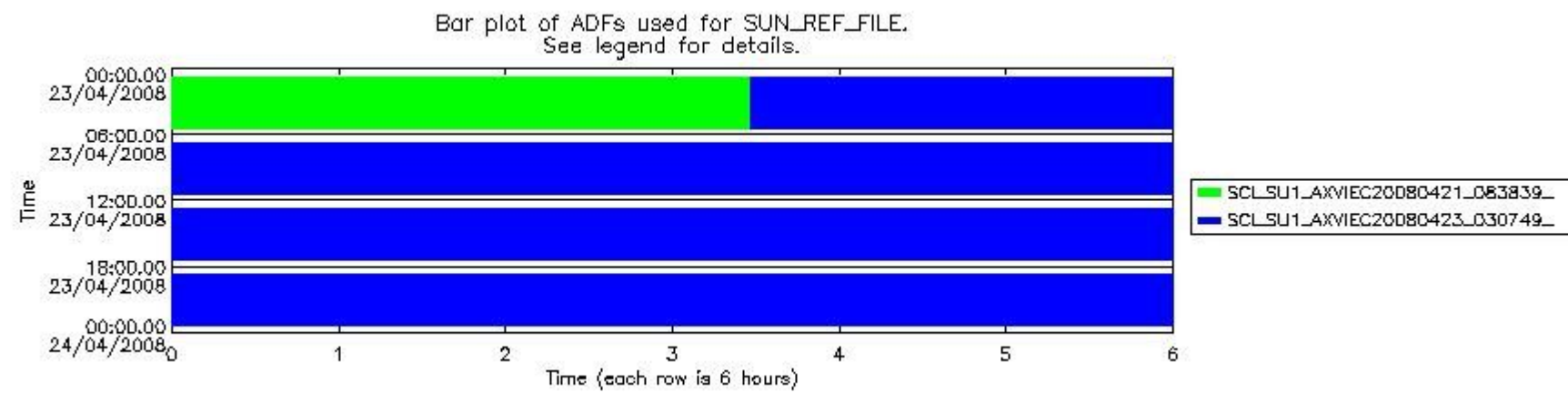




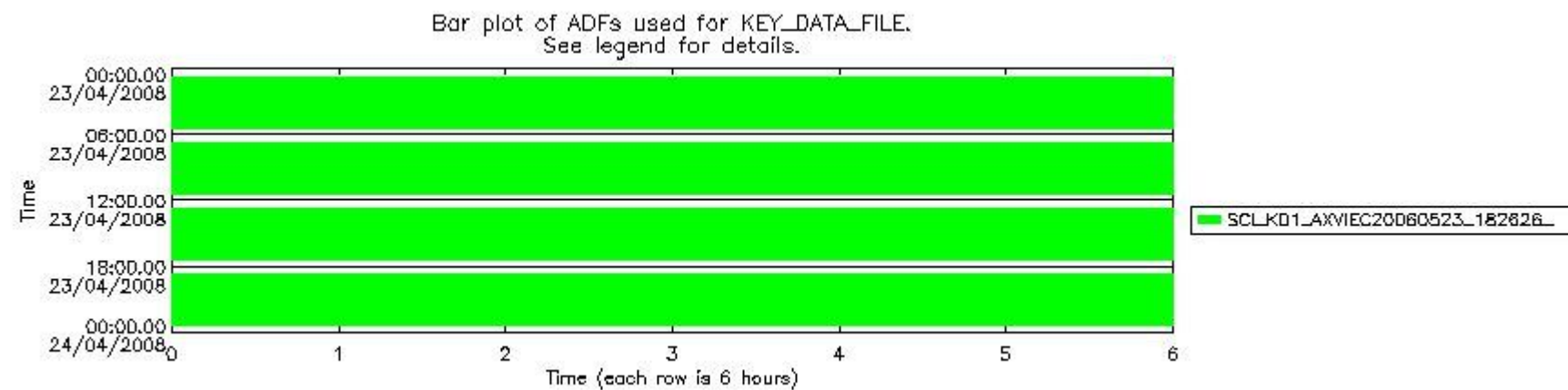
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_43.PNG



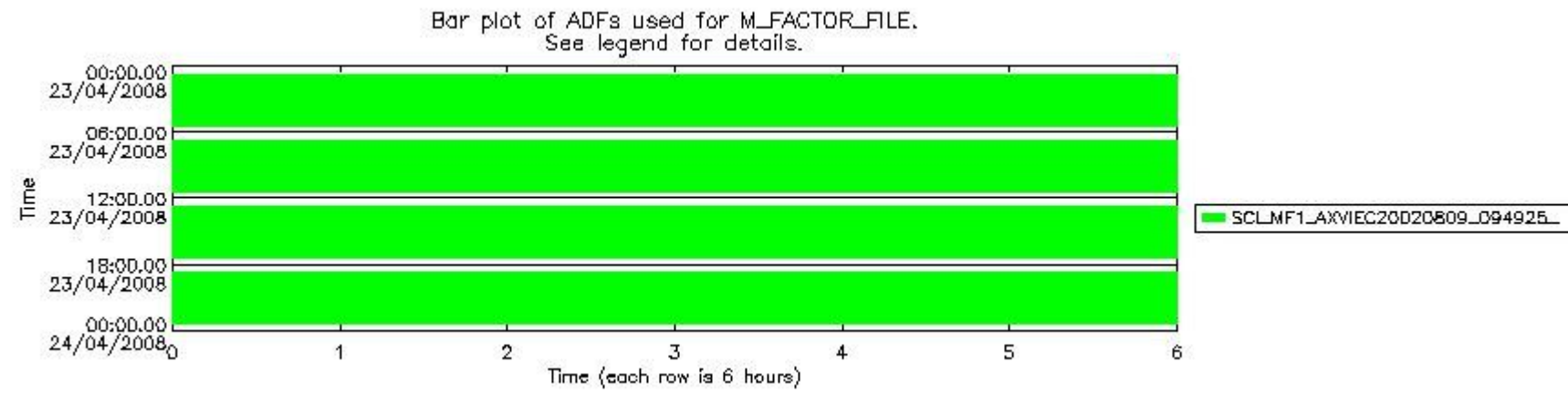
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_44.PNG



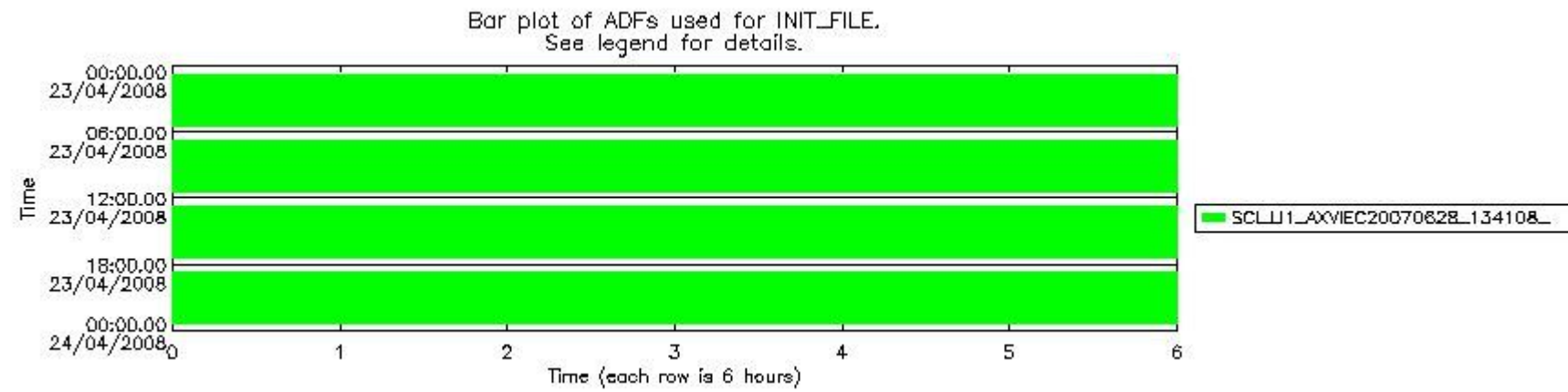
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_45.PNG



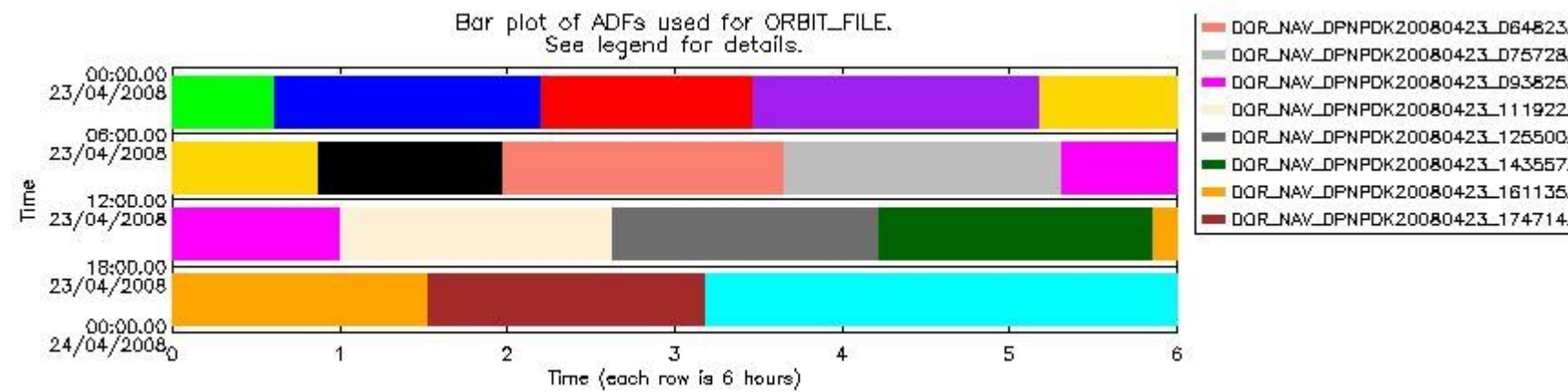
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_46.PNG



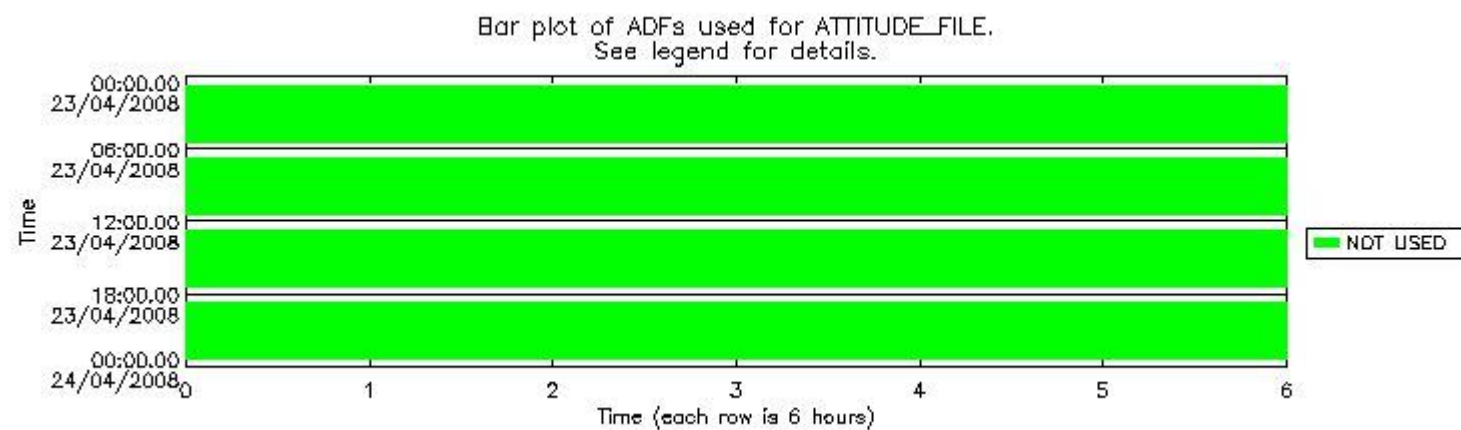
sciamachy_daily_report_level1_SCIA_6_03_N_20080423_47.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080423_48.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080423_49.PNG

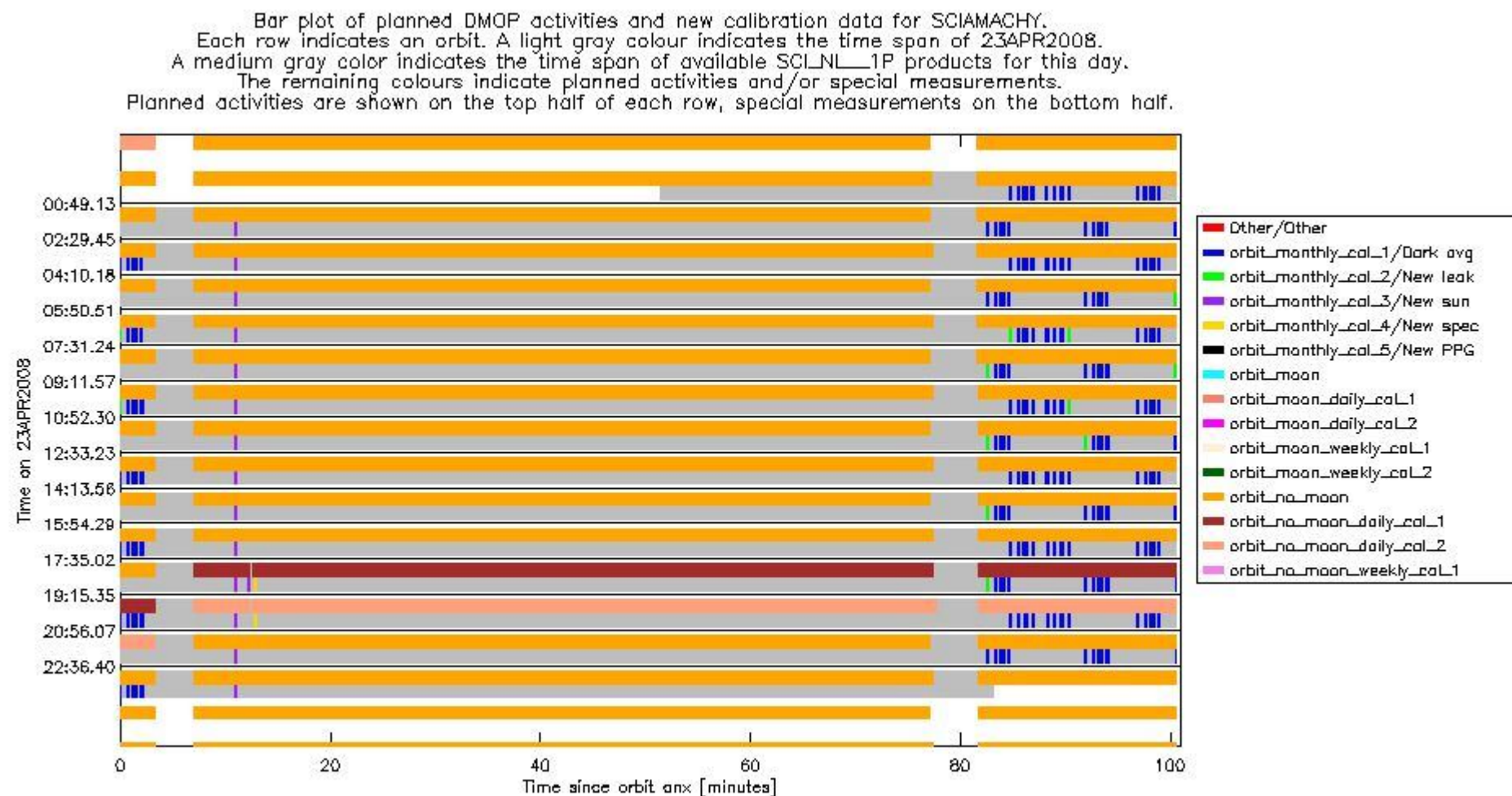


sciamachy_daily_report_level1_SCIA_6_03_N_20080423_50.PNG

1.4 DMOP execution monitoring

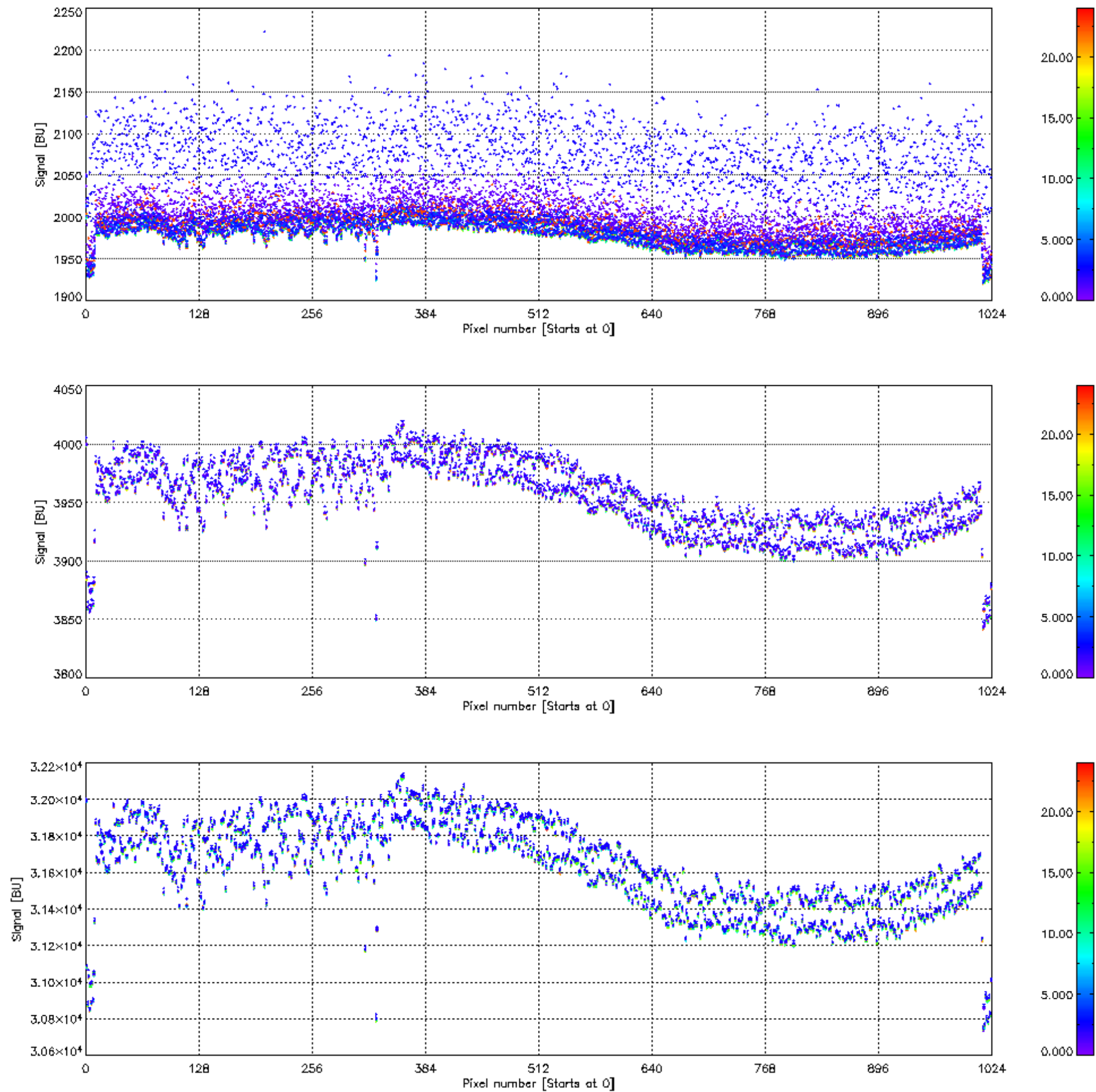
This section gives an analysis of the DMOP execution. The execution is monitored by assigning various activities to timeline sequences found in the DMOP file, and by checking where "NEW" datasets are available in SCI_NL__1P products.

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.

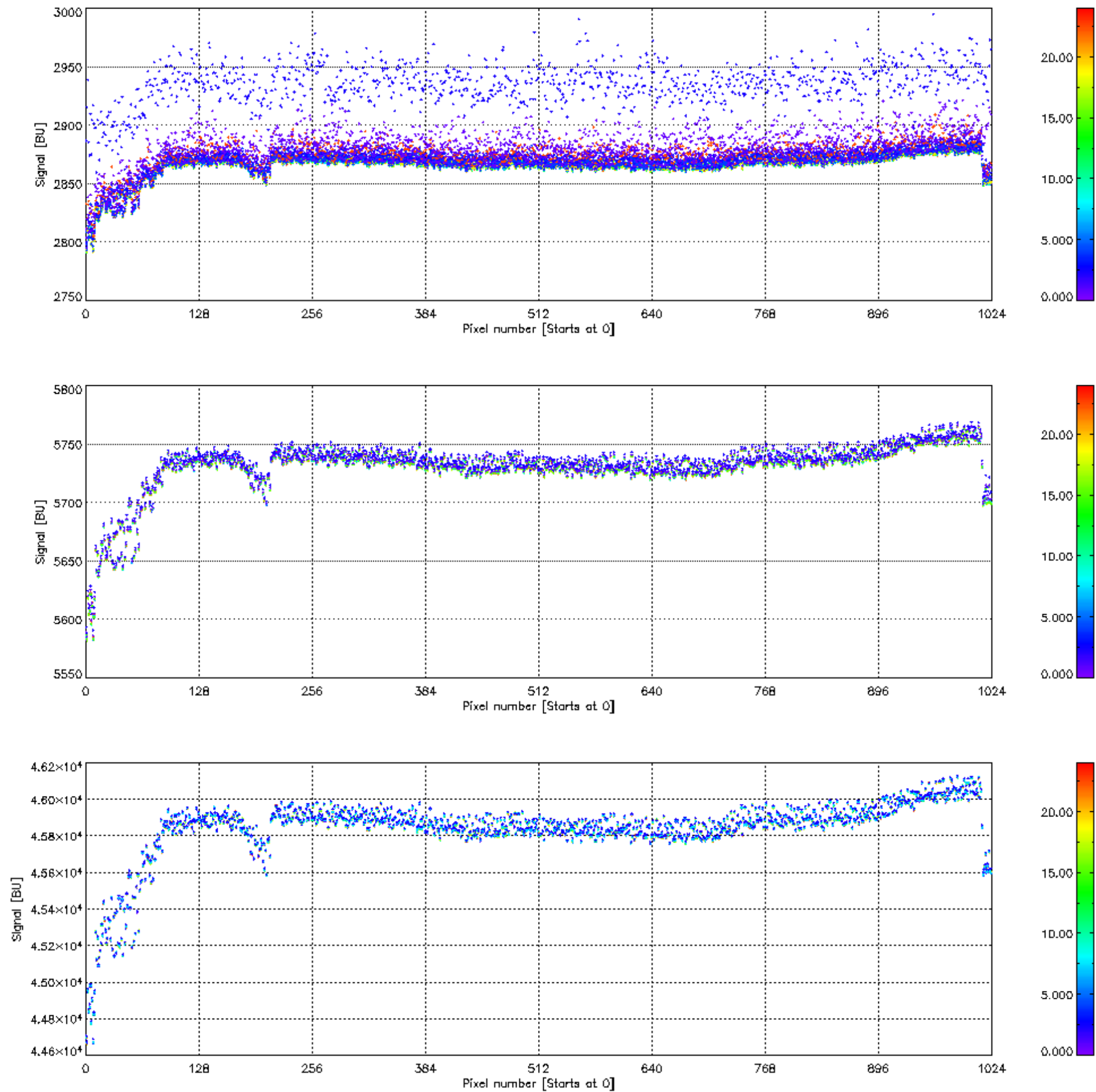


sciamachy_daily_report_level1_SCIA_6_03_N_20080423_51.PNG

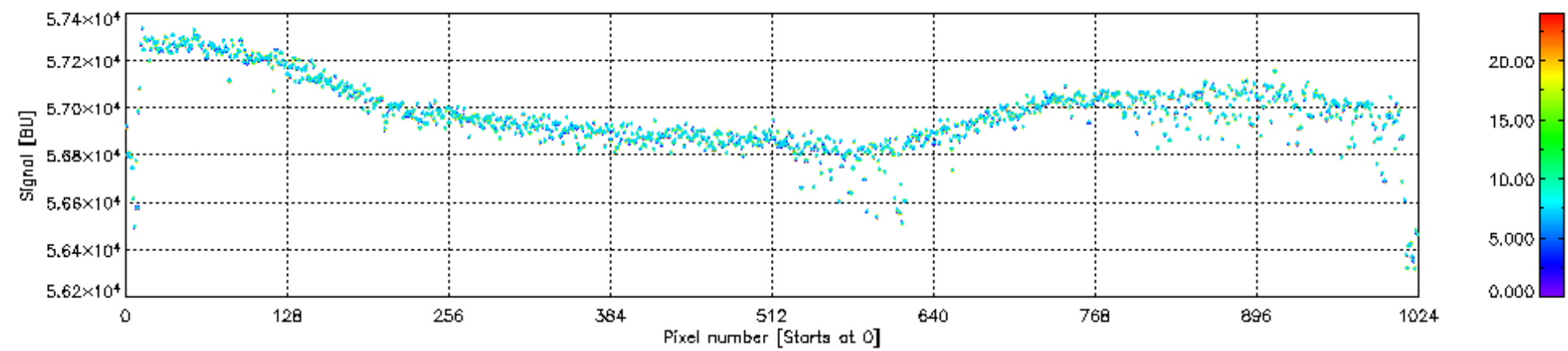
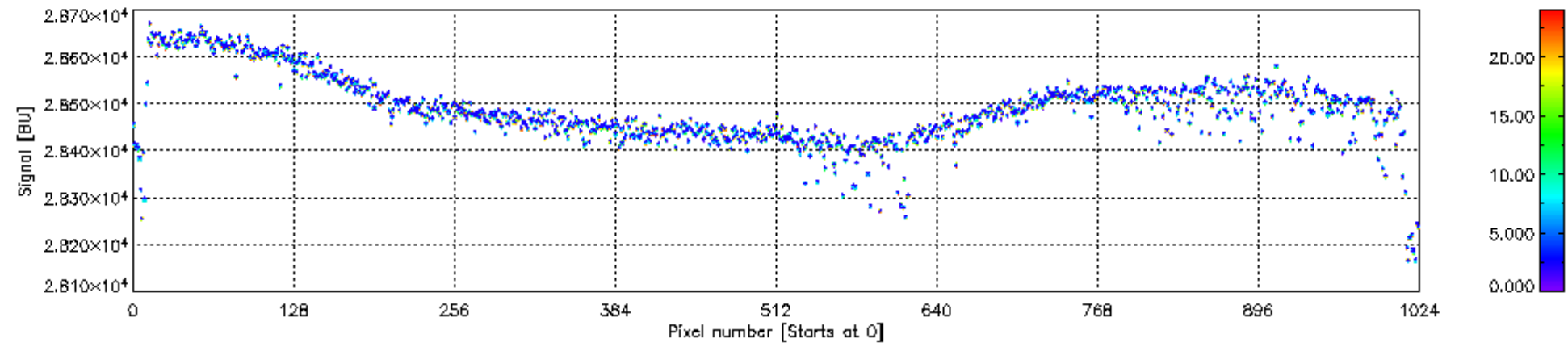
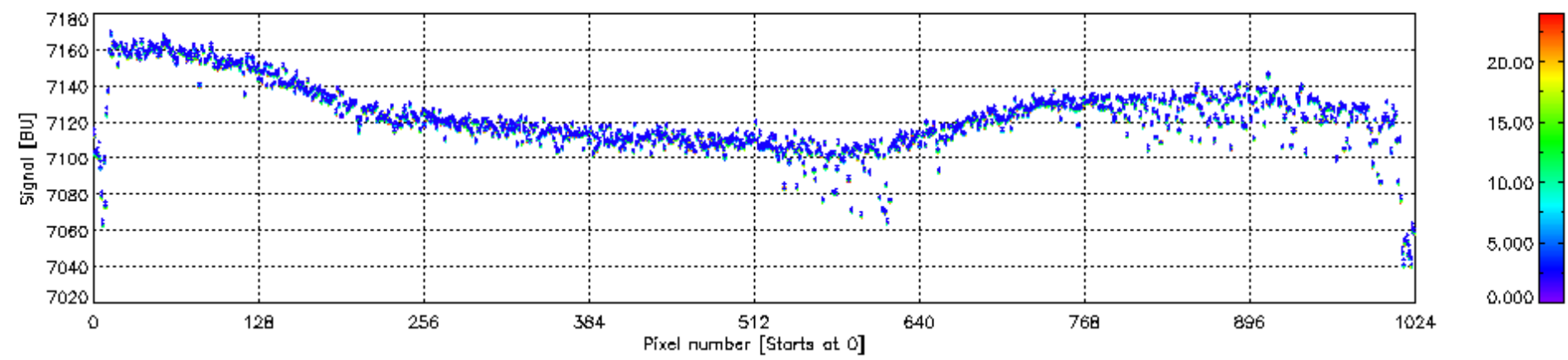
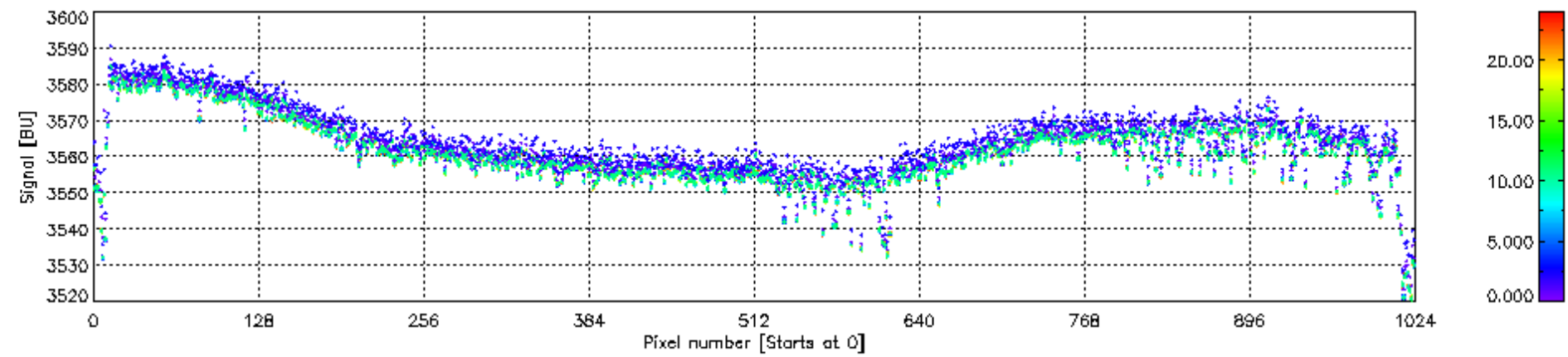
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



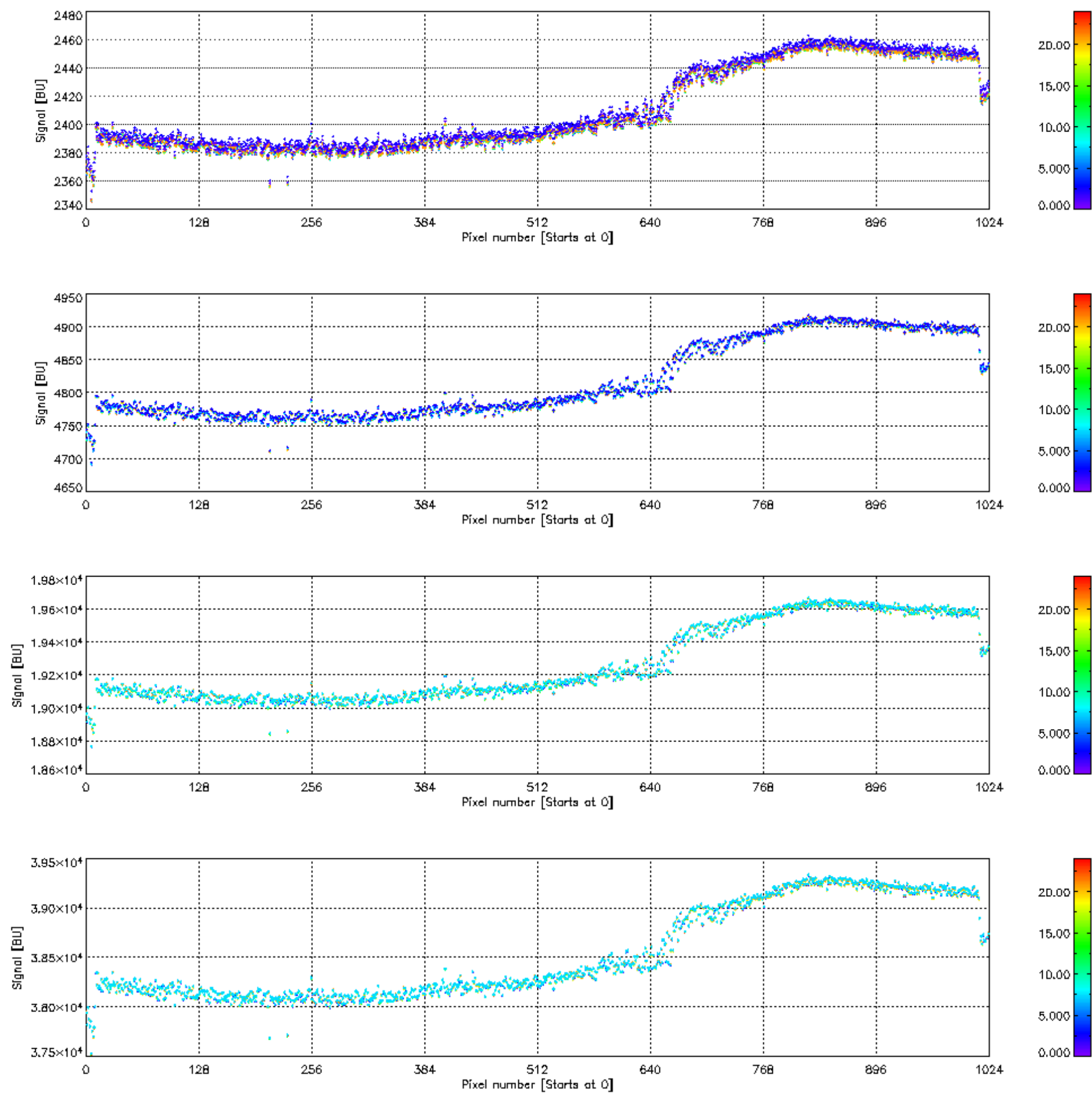
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



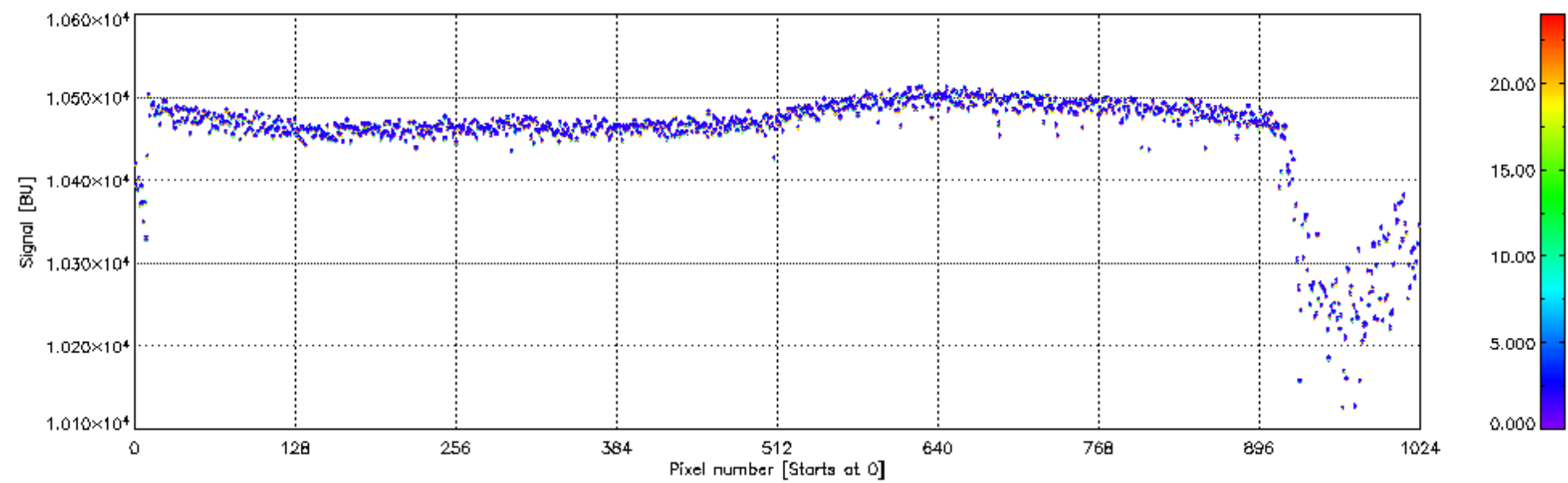
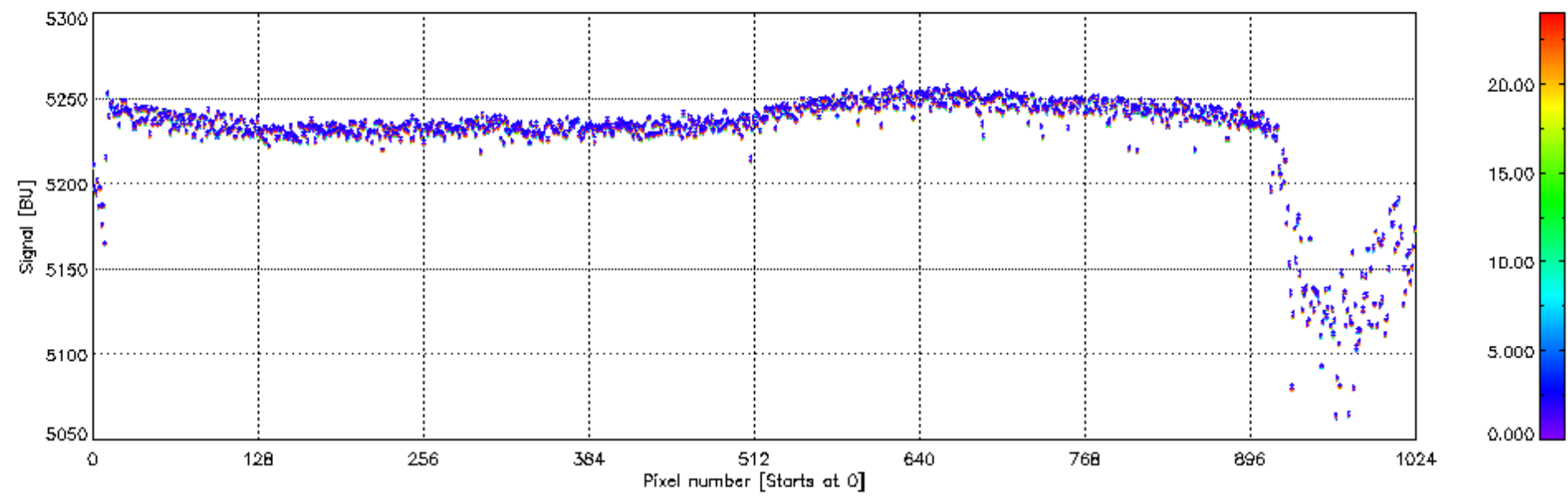
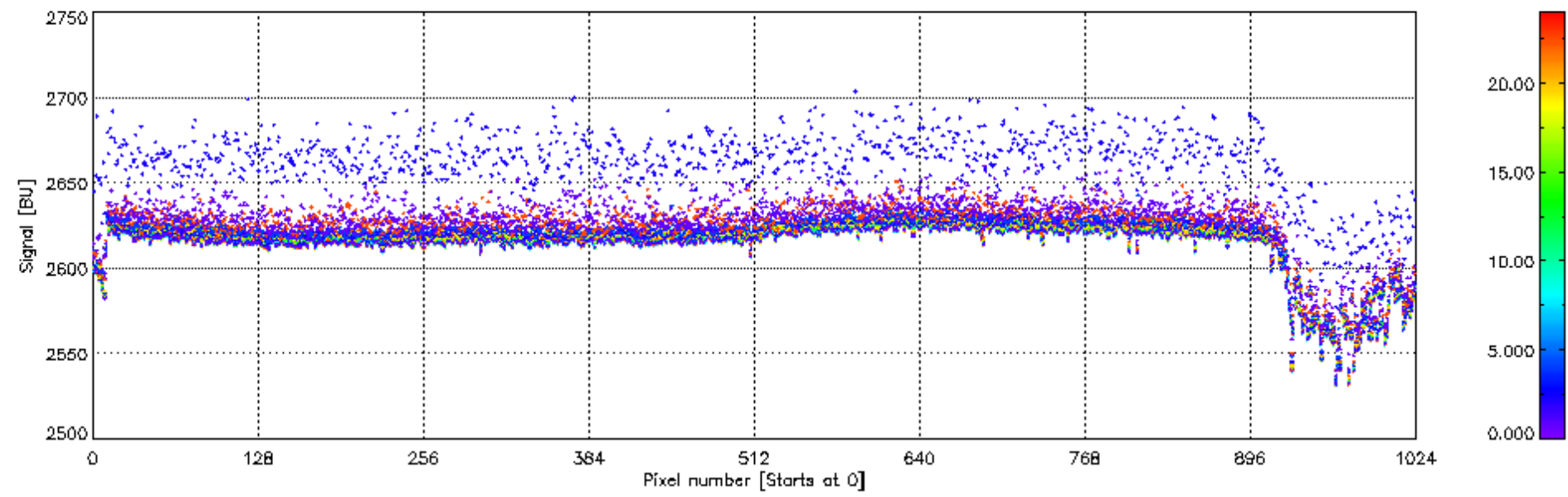
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



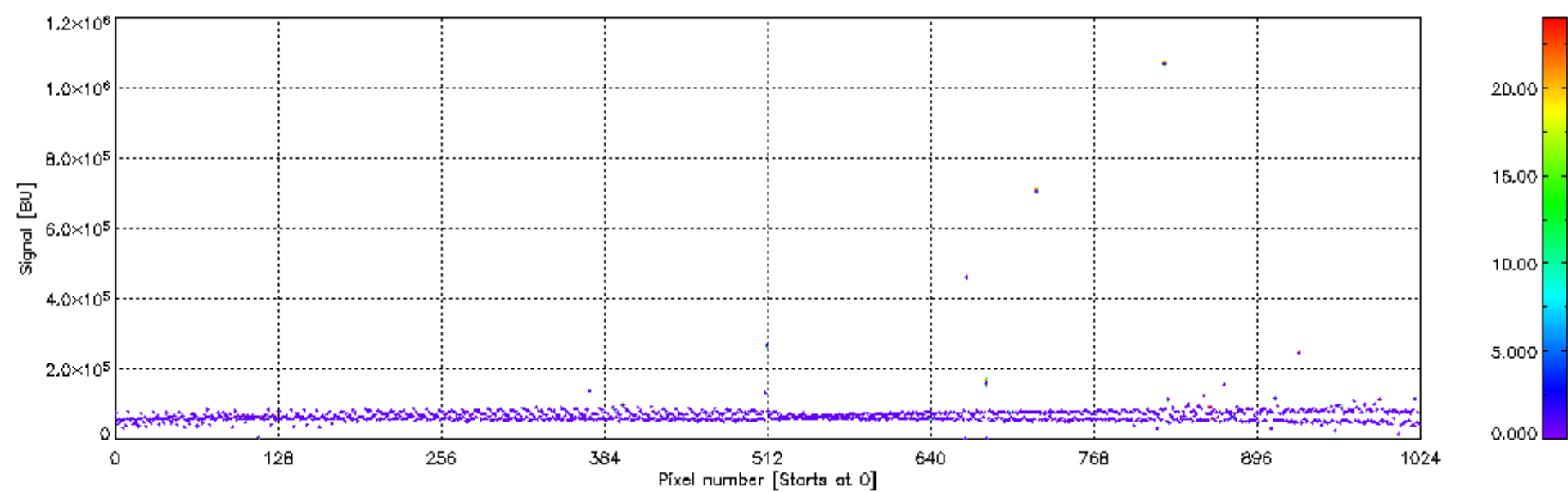
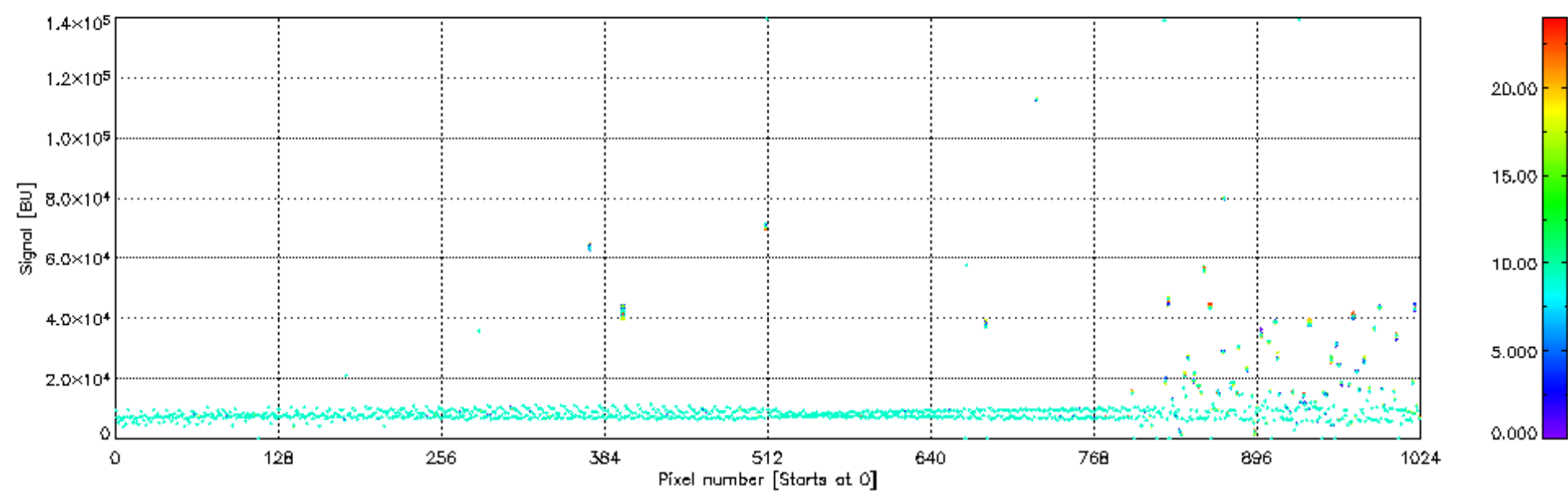
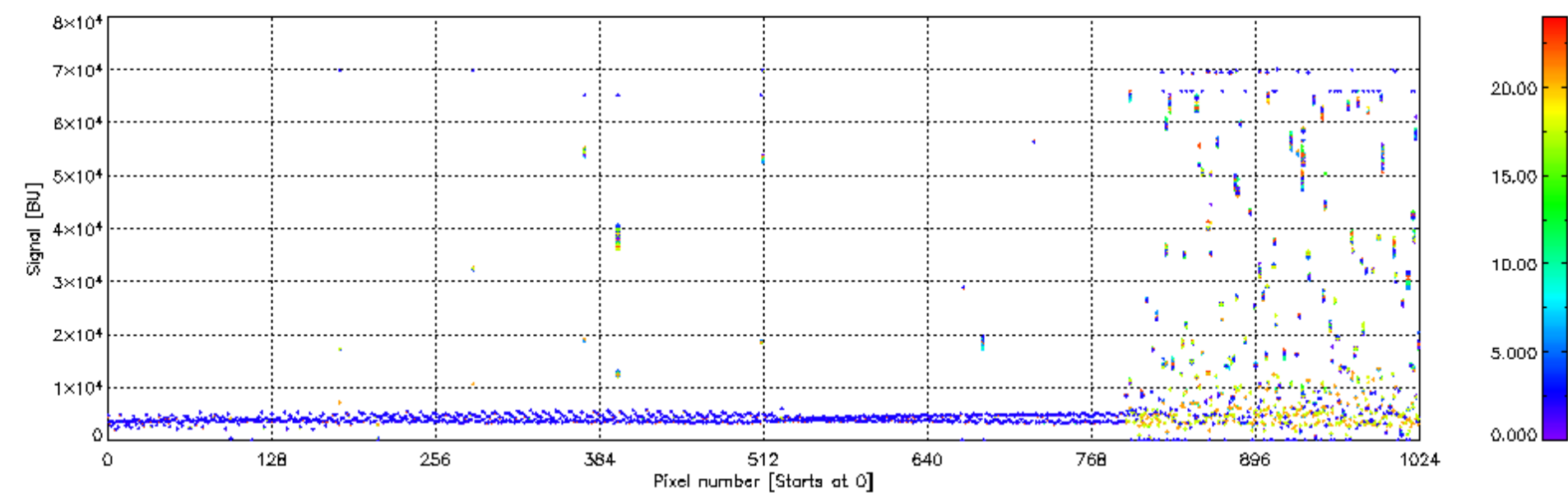
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



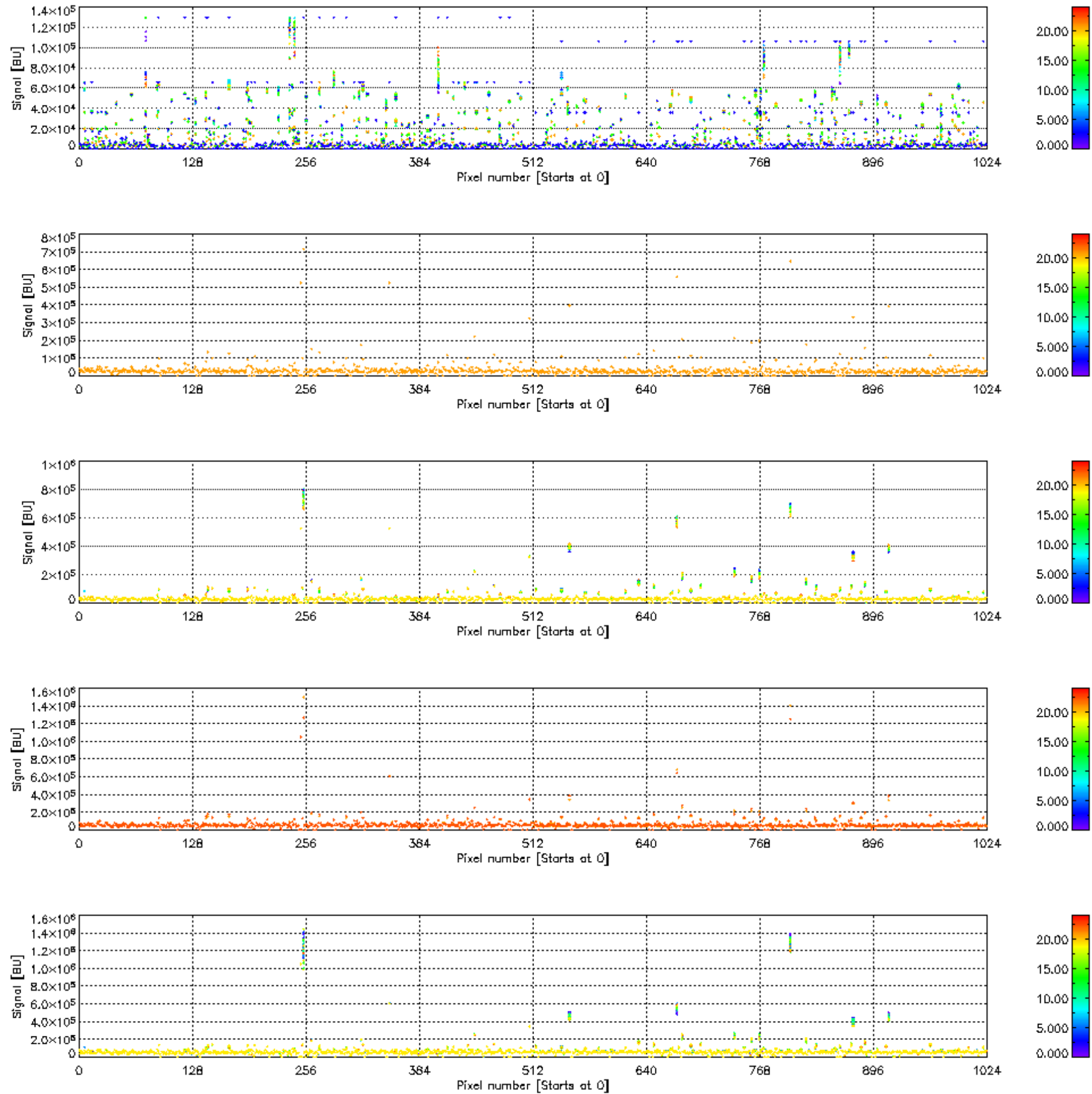
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



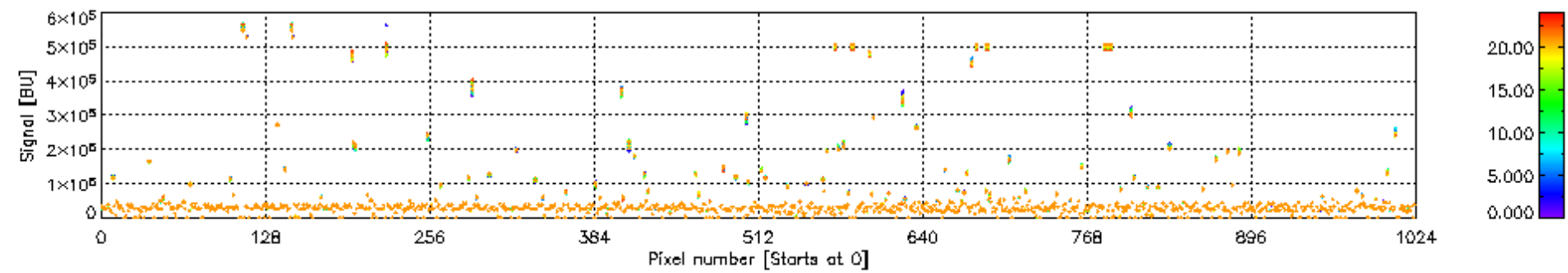
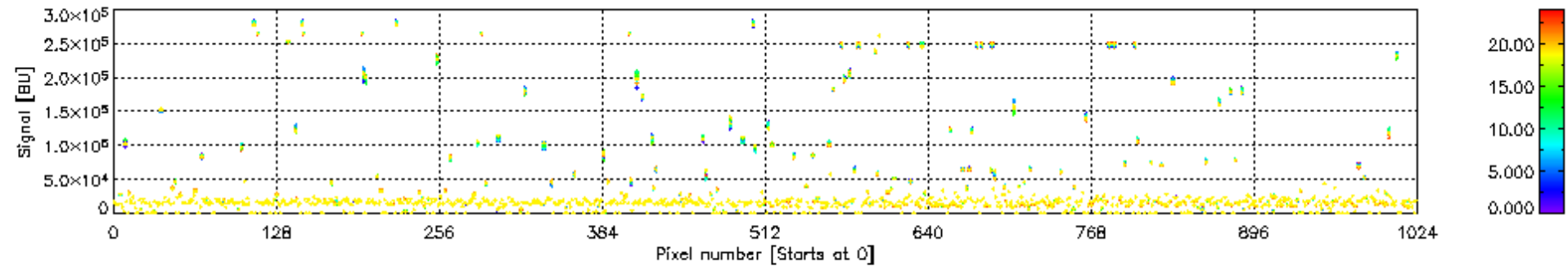
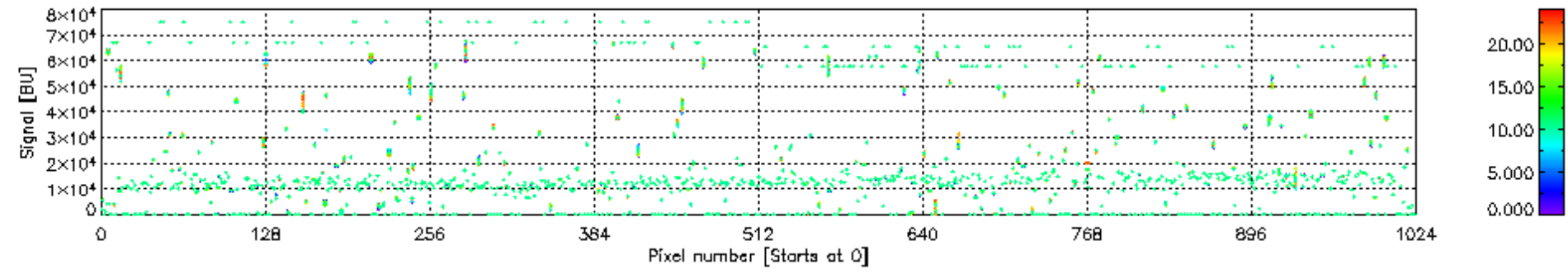
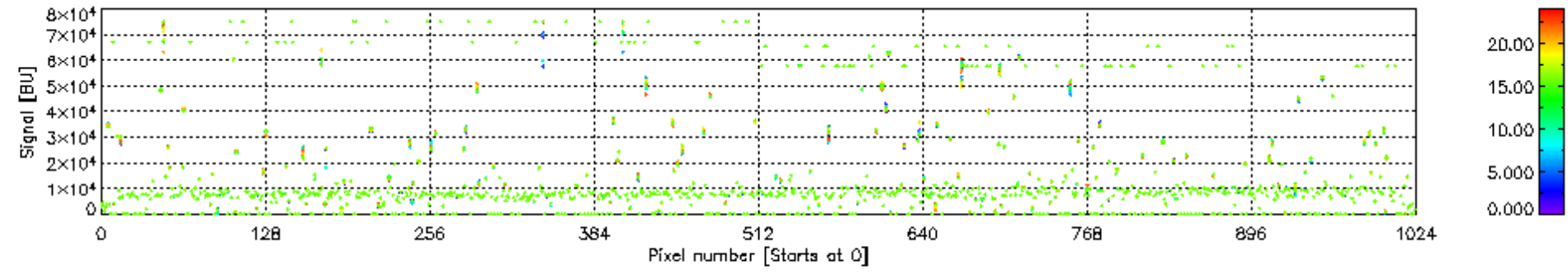
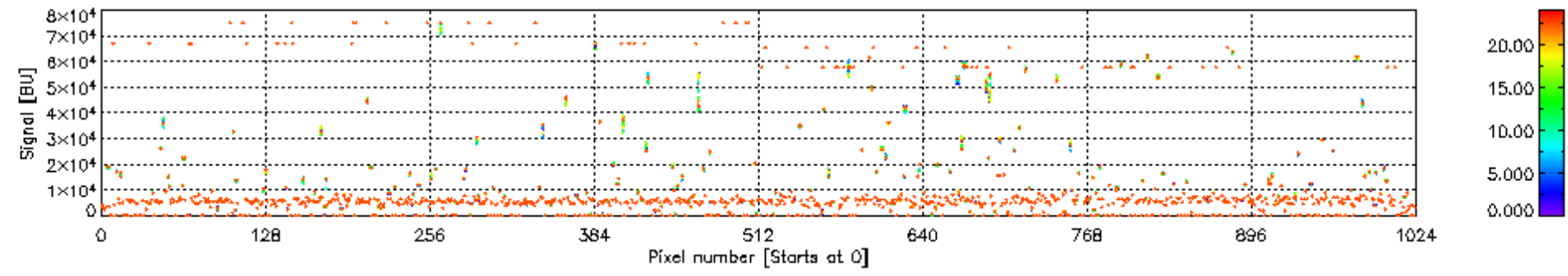
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00



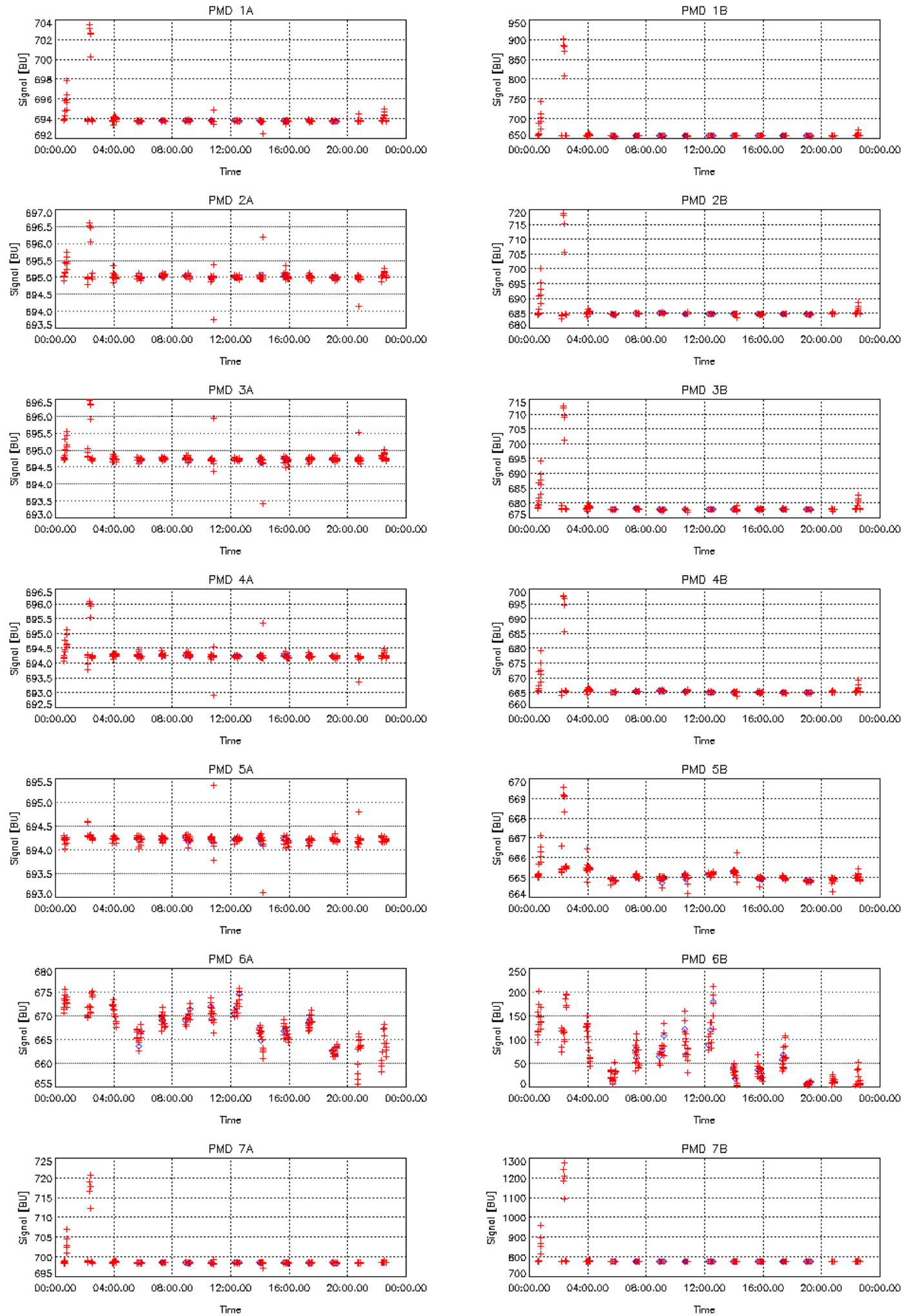
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00

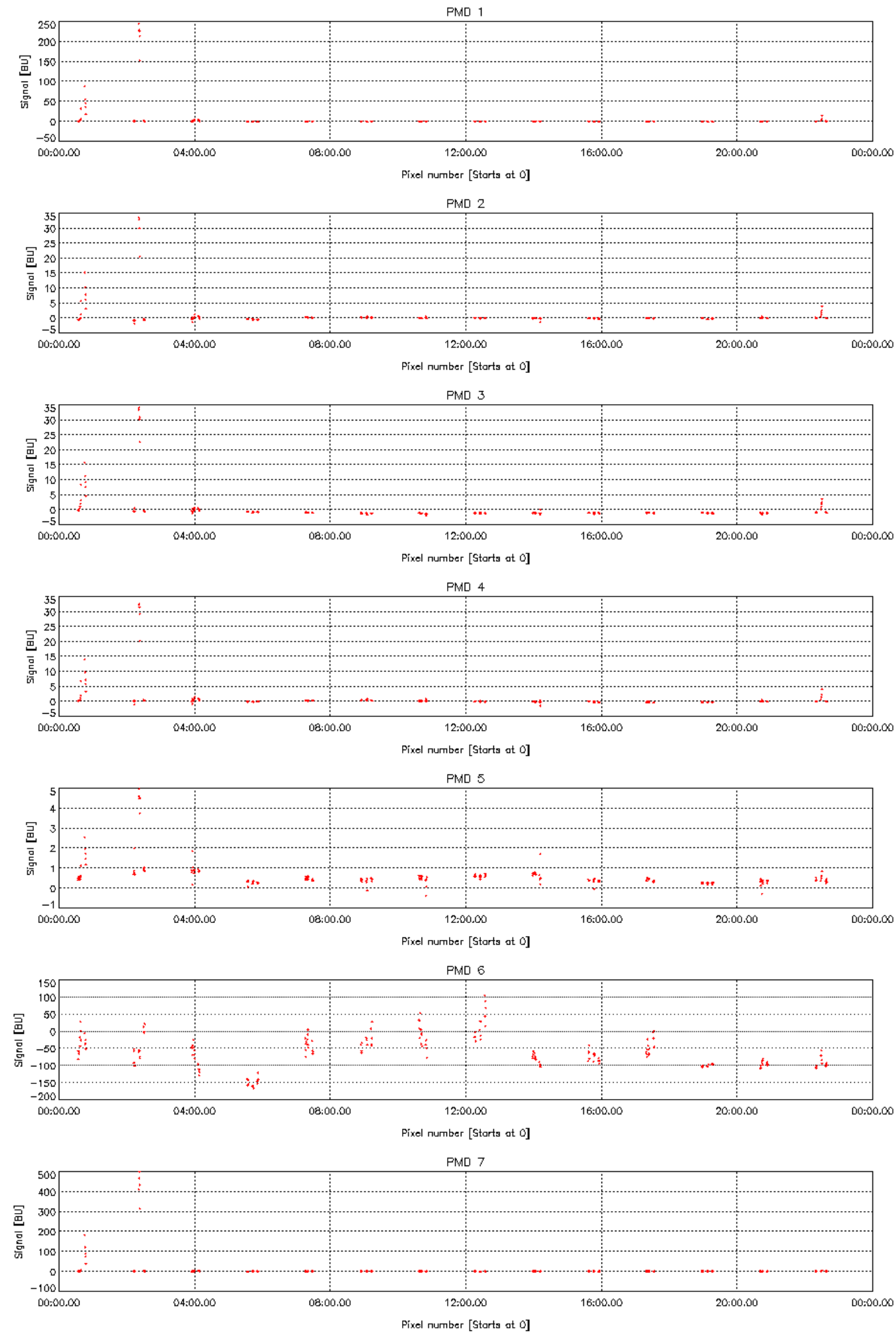


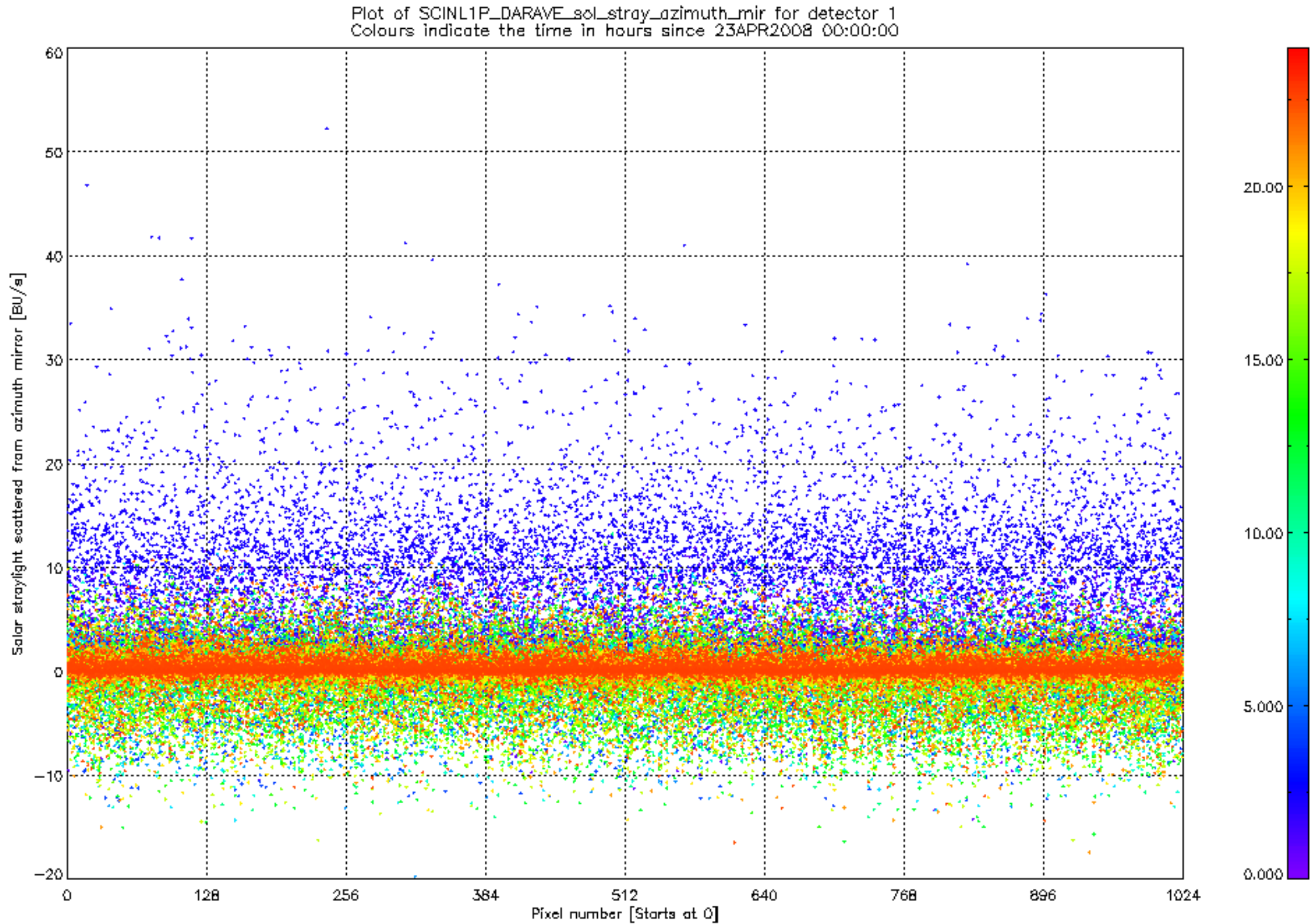
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 23APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 23APR2008 00:00:00

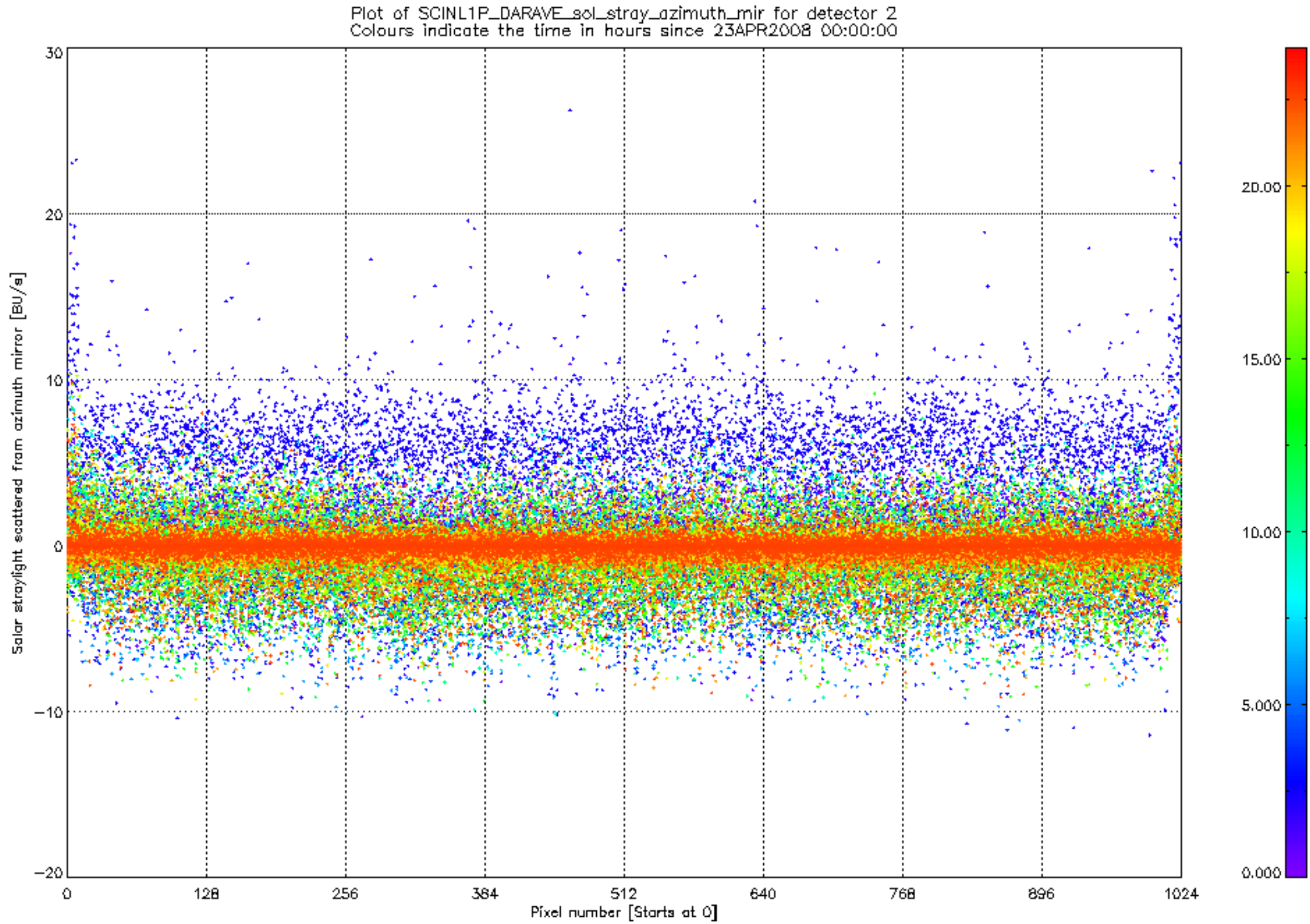


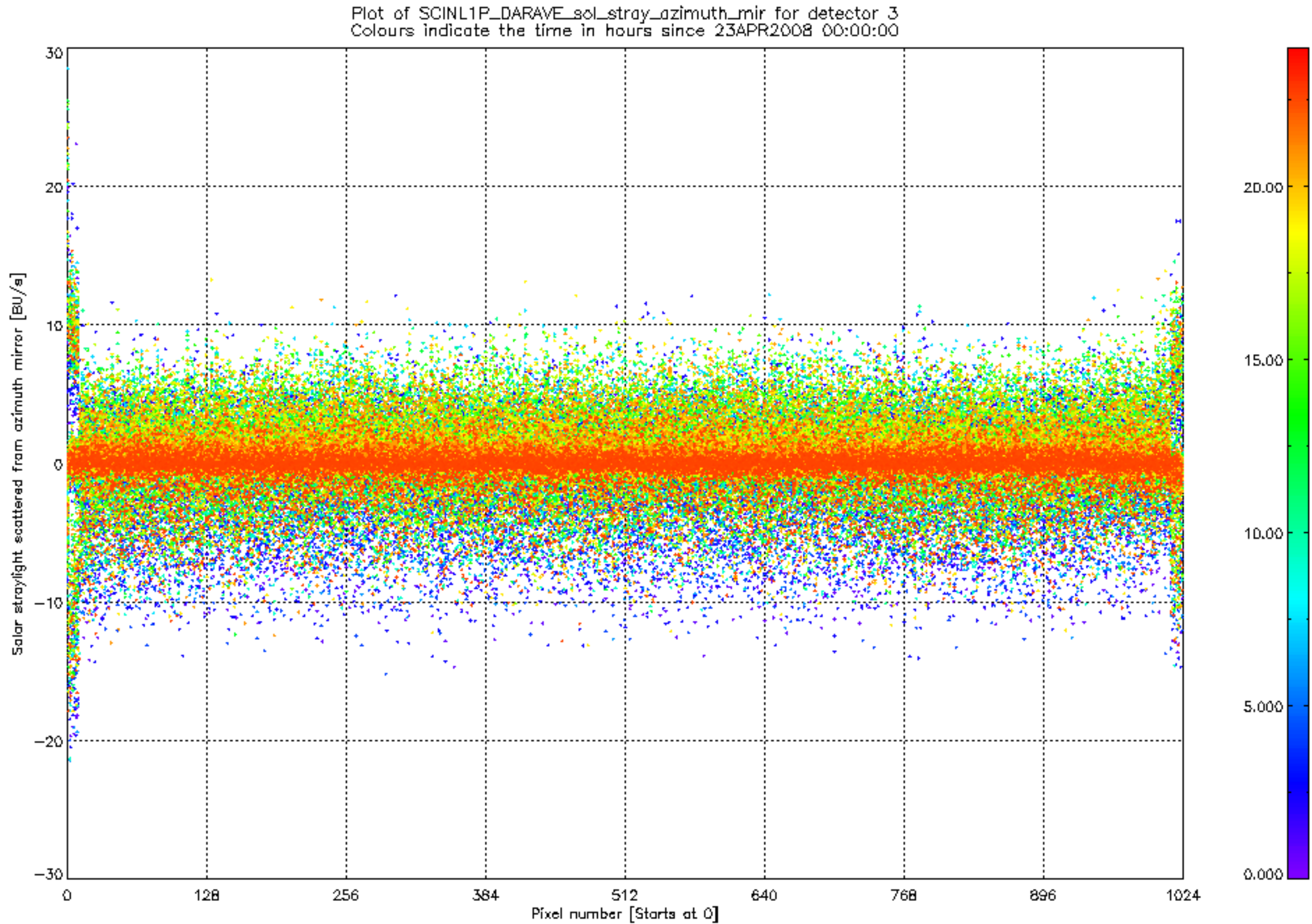
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 23APR2008 (red).
New leakage current offset data is given in blue for comparison.

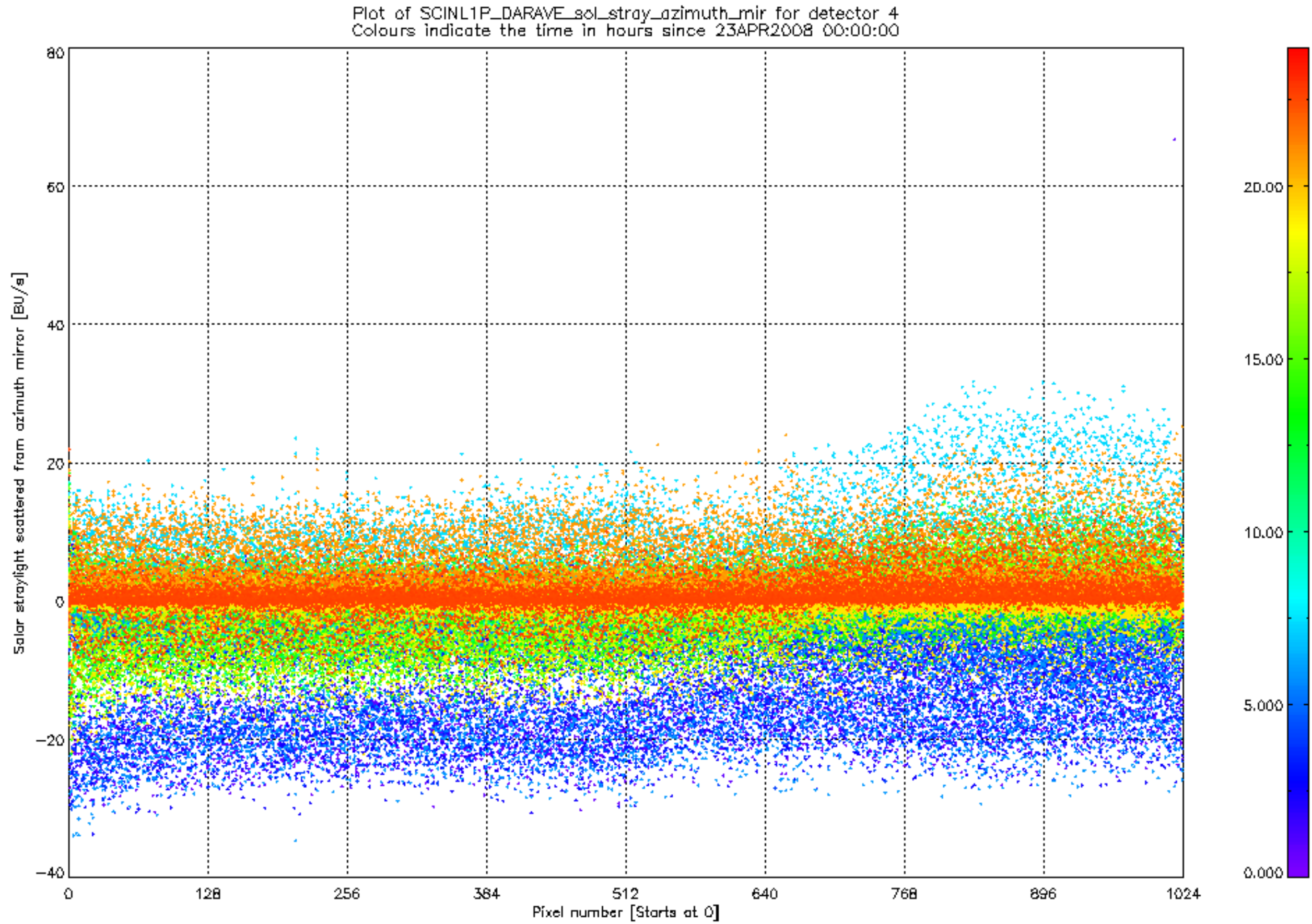


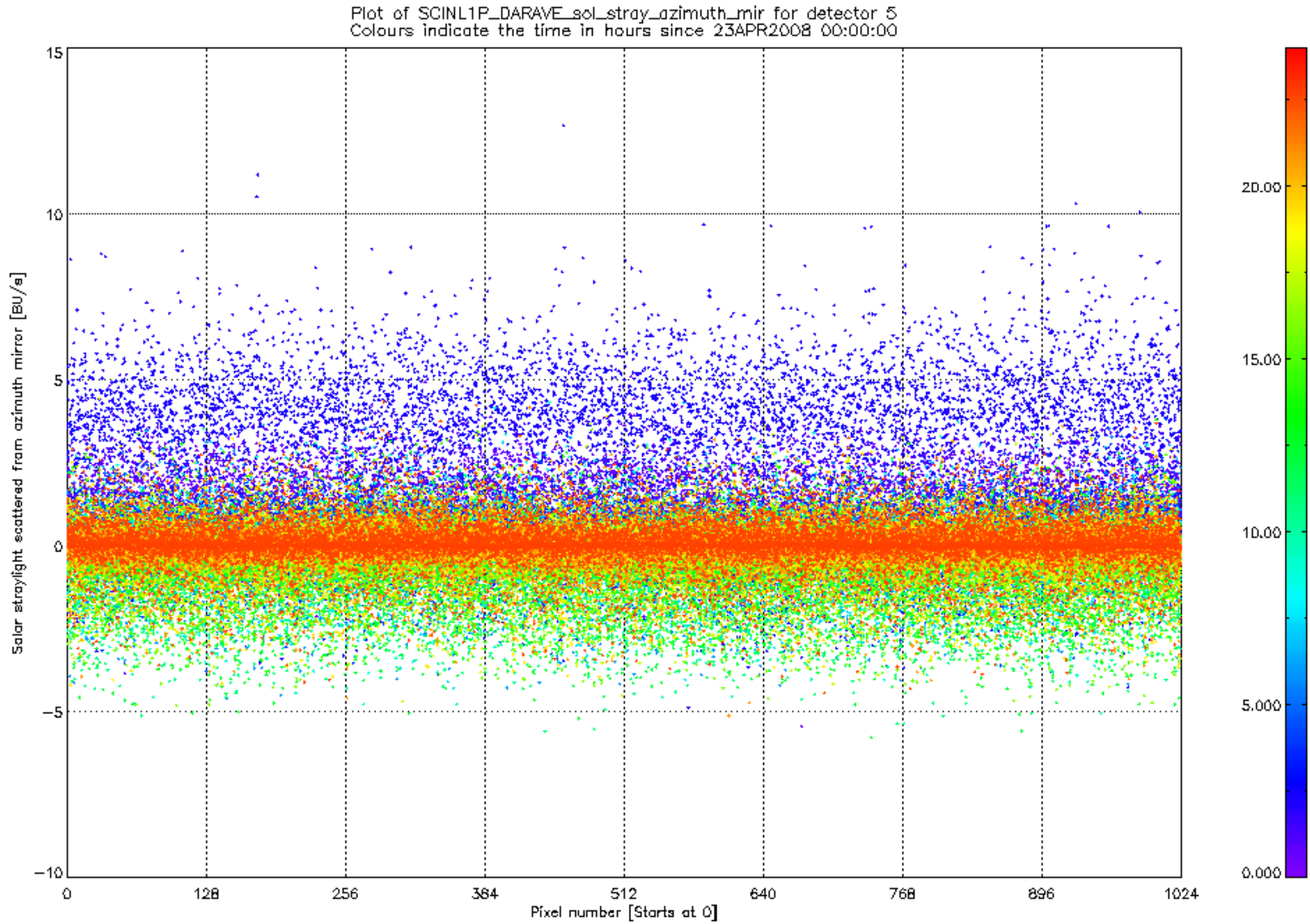


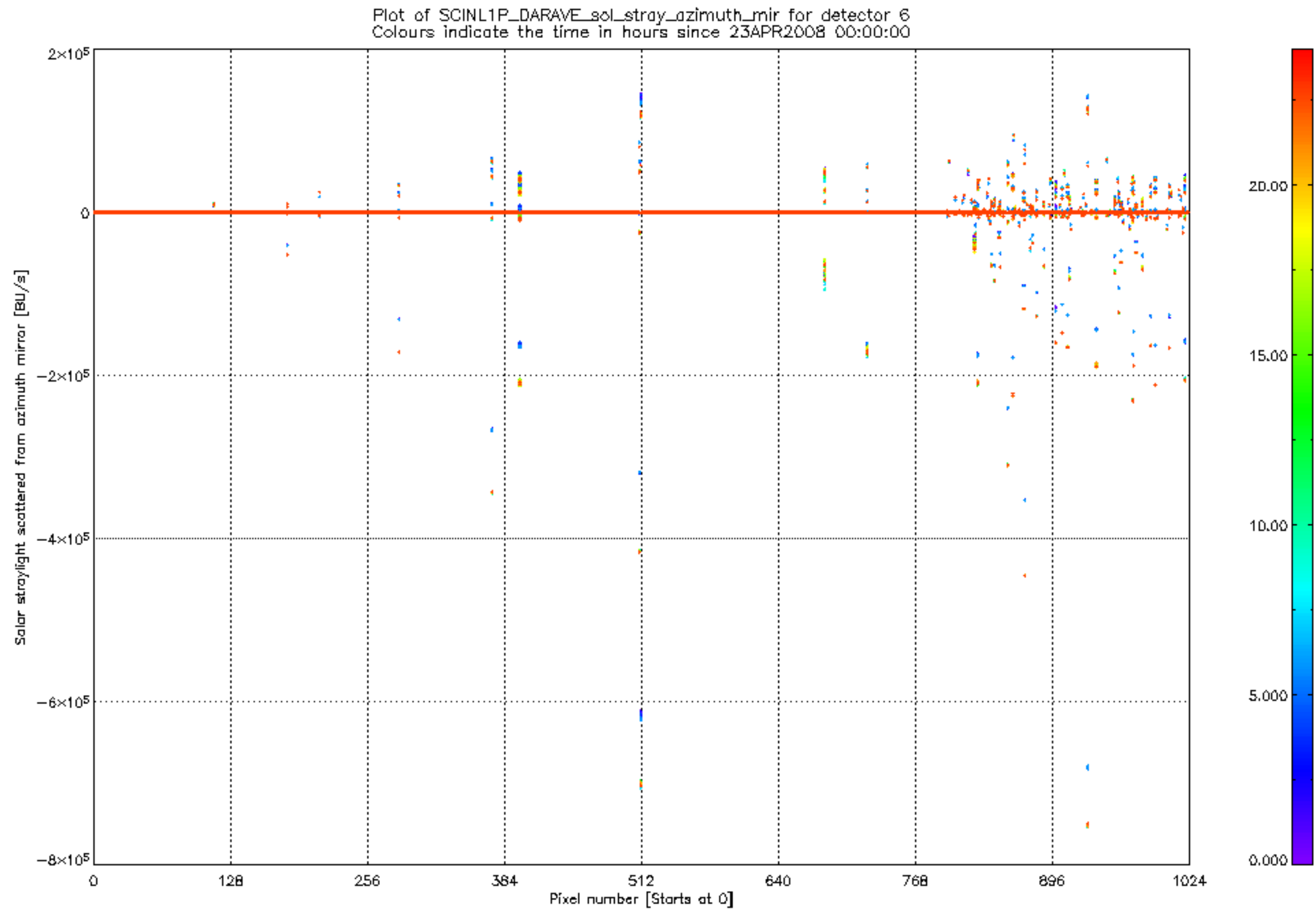


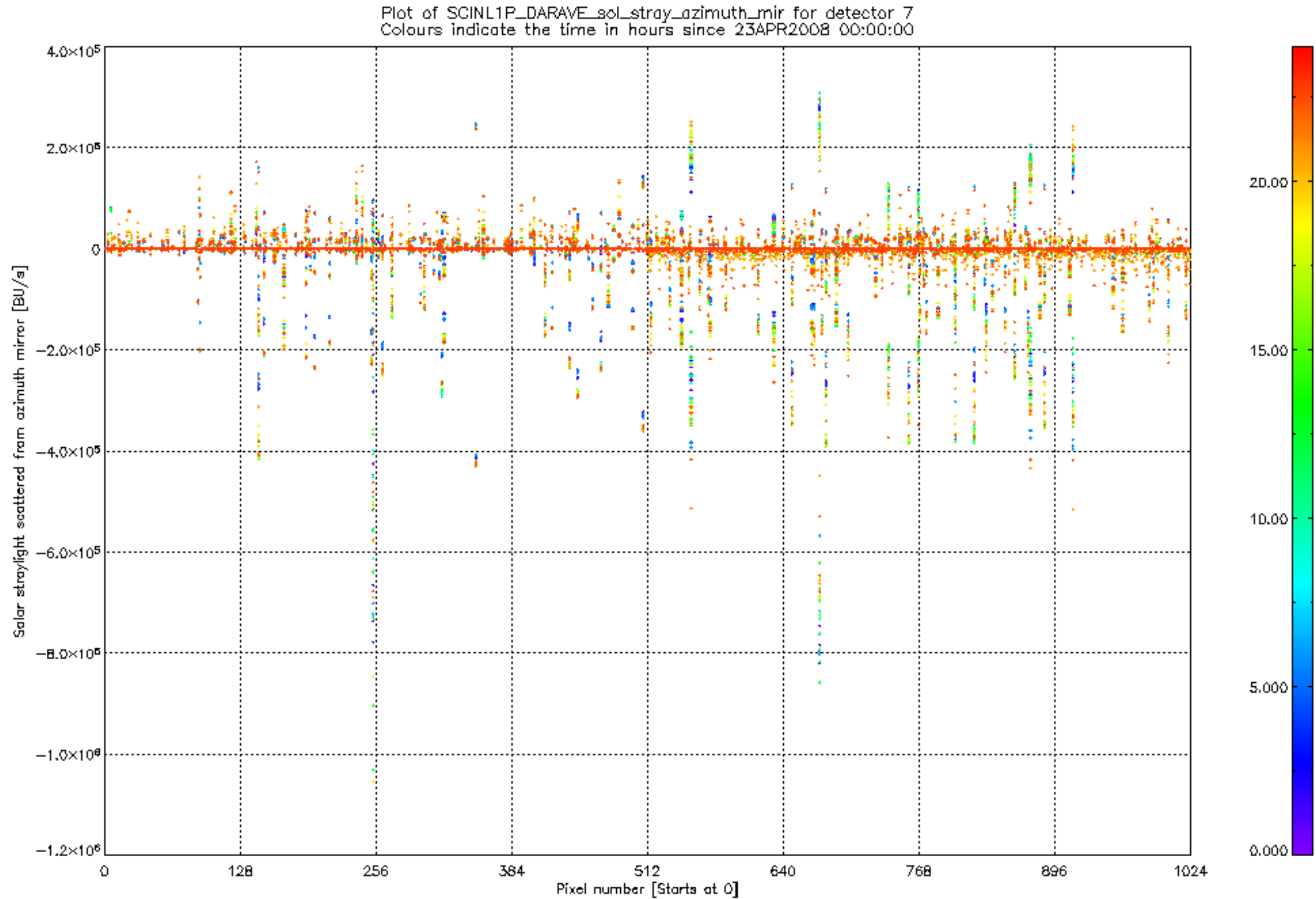


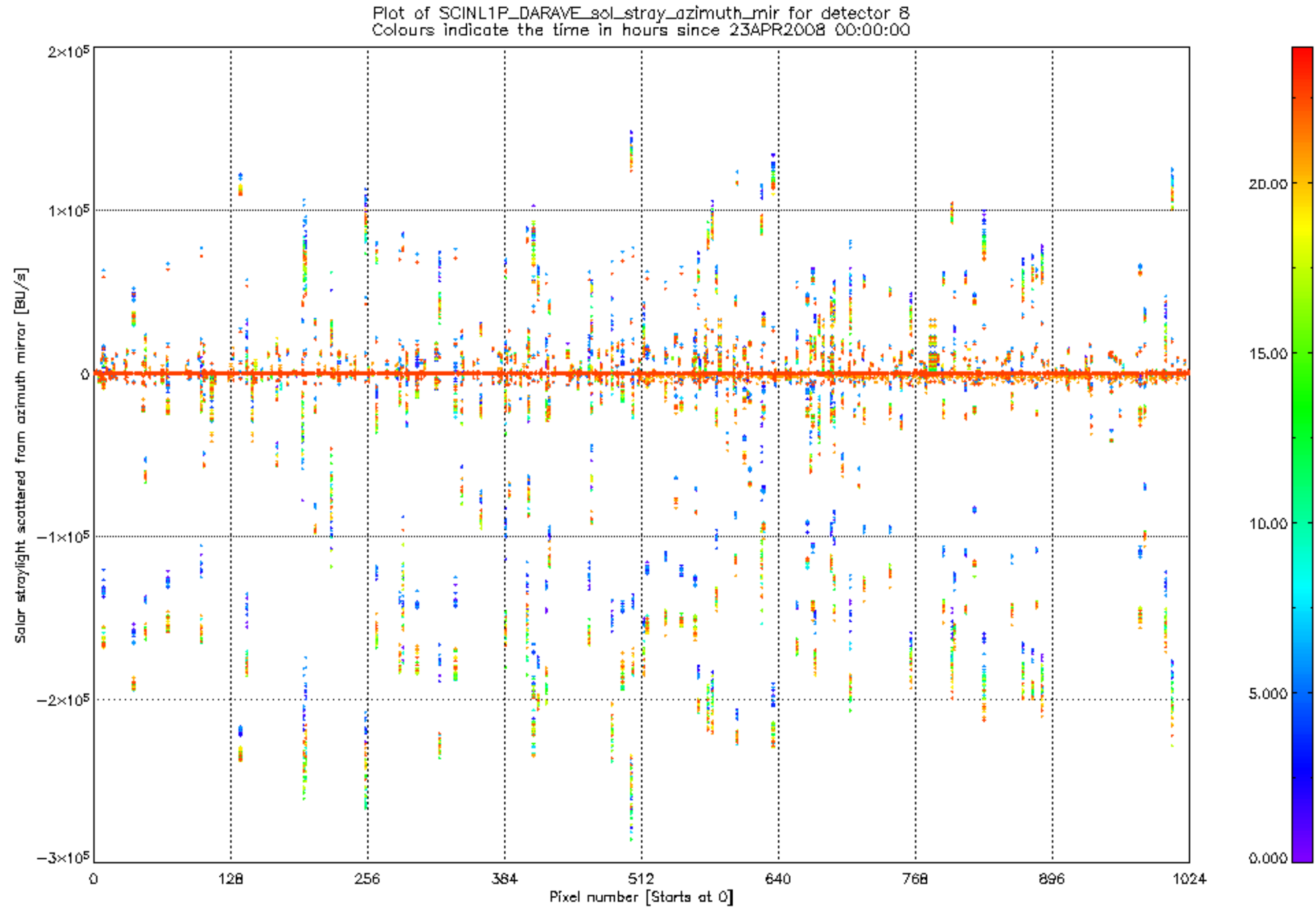




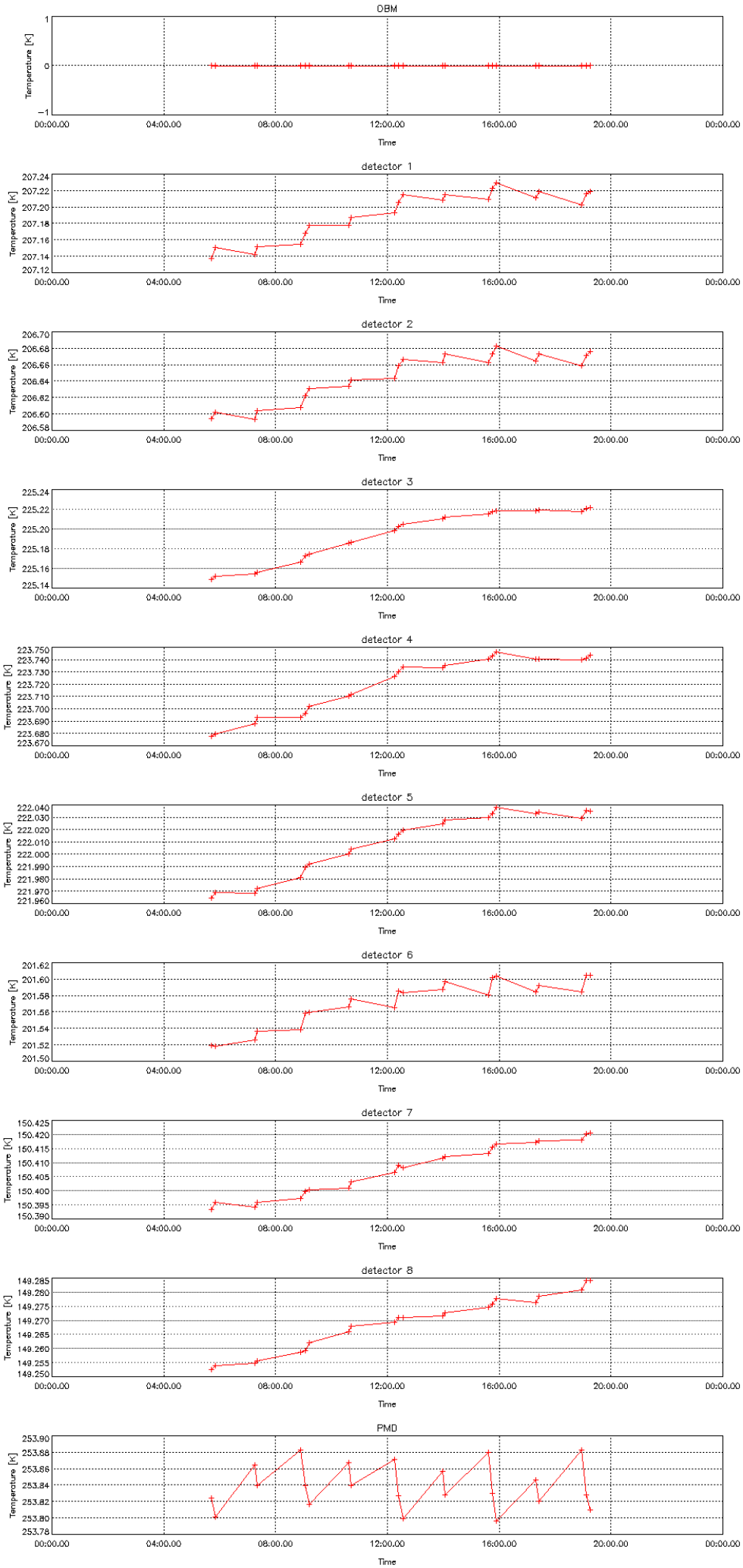




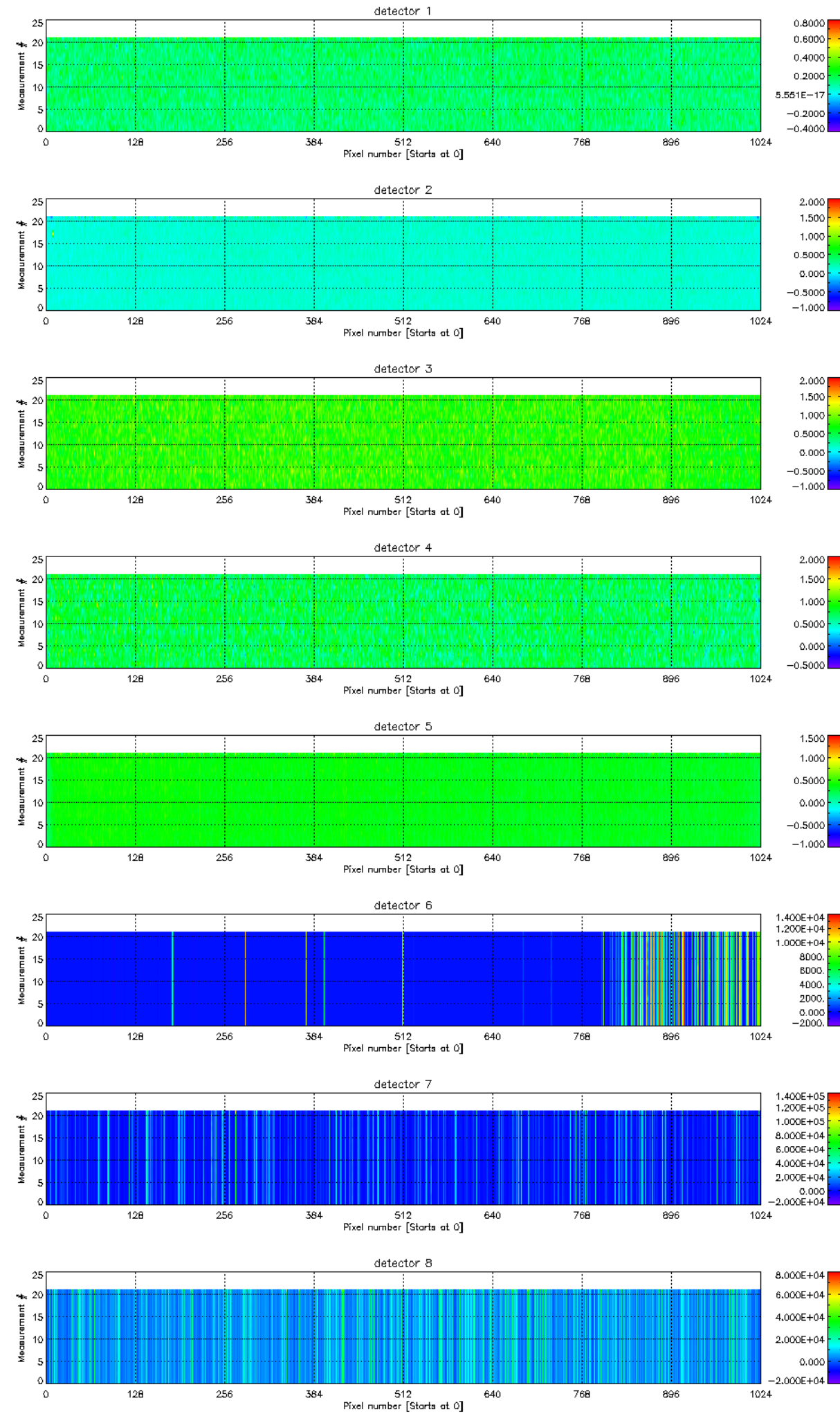




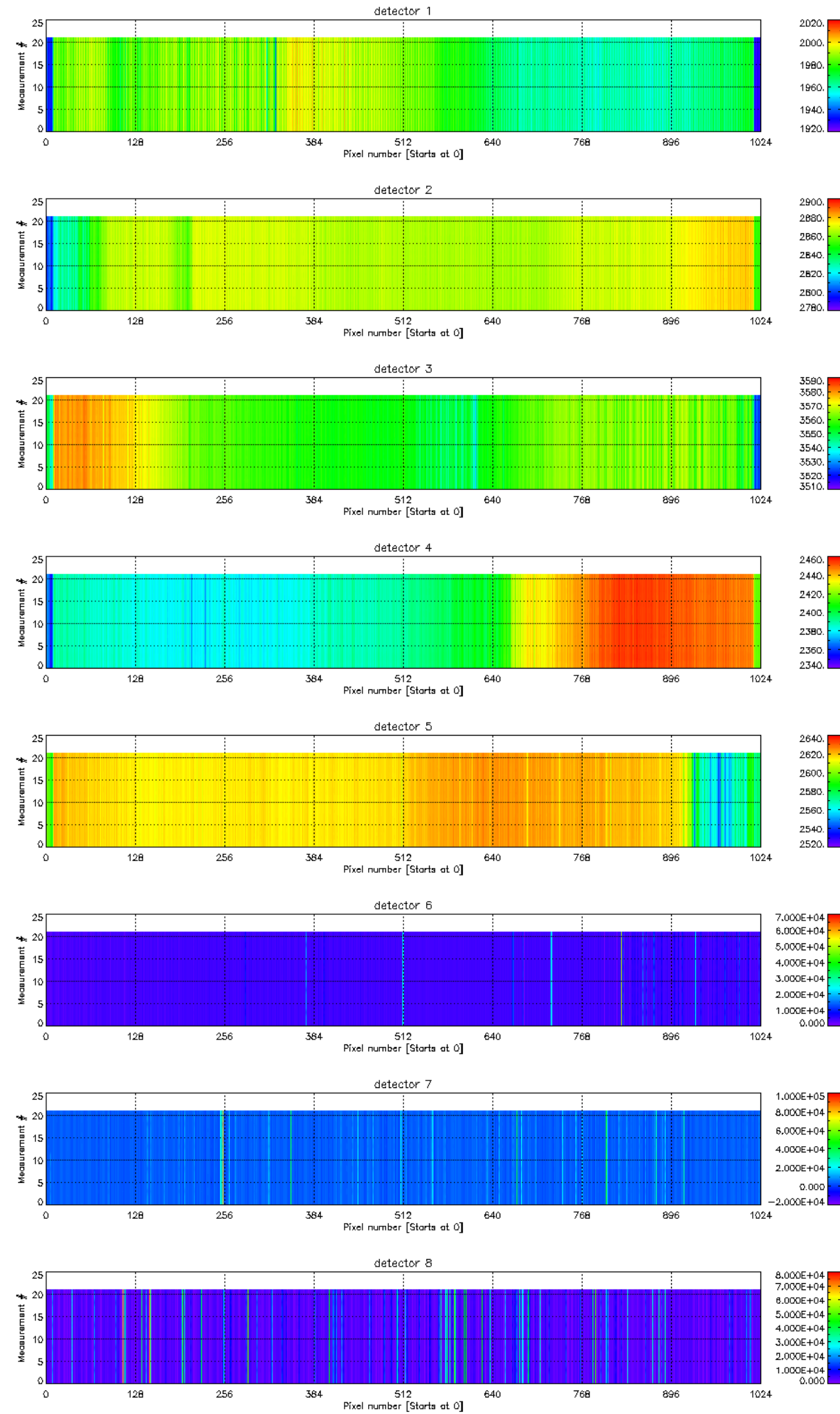
Plots of SCINL1P_NEWLEA_obm_def_prnd temperatures vs time on 23APR2008.



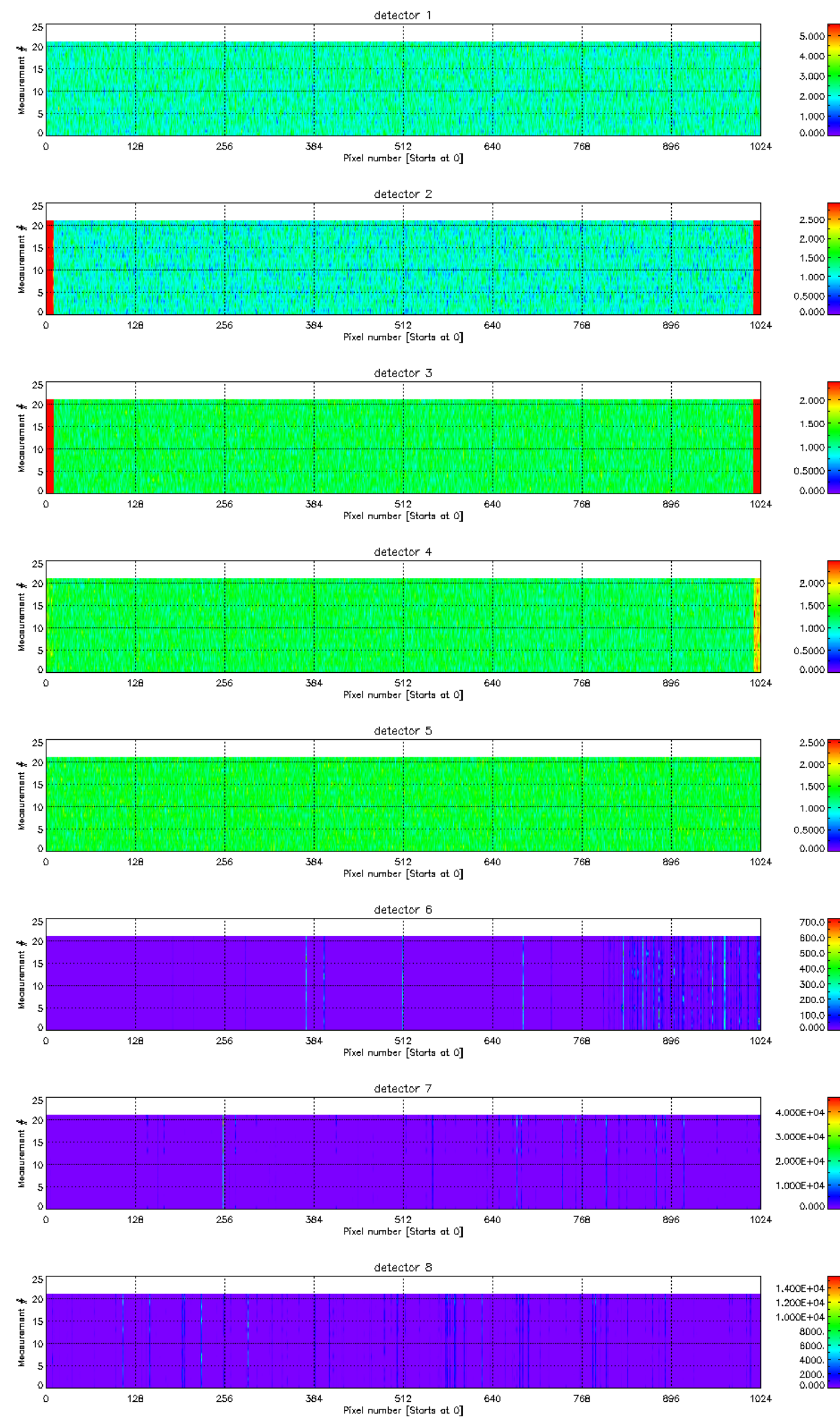
Plots of SCINL1P_NEWLEA_leak_cur for various detectors on 23APR2008.
Colours indicate the value in BU/s.



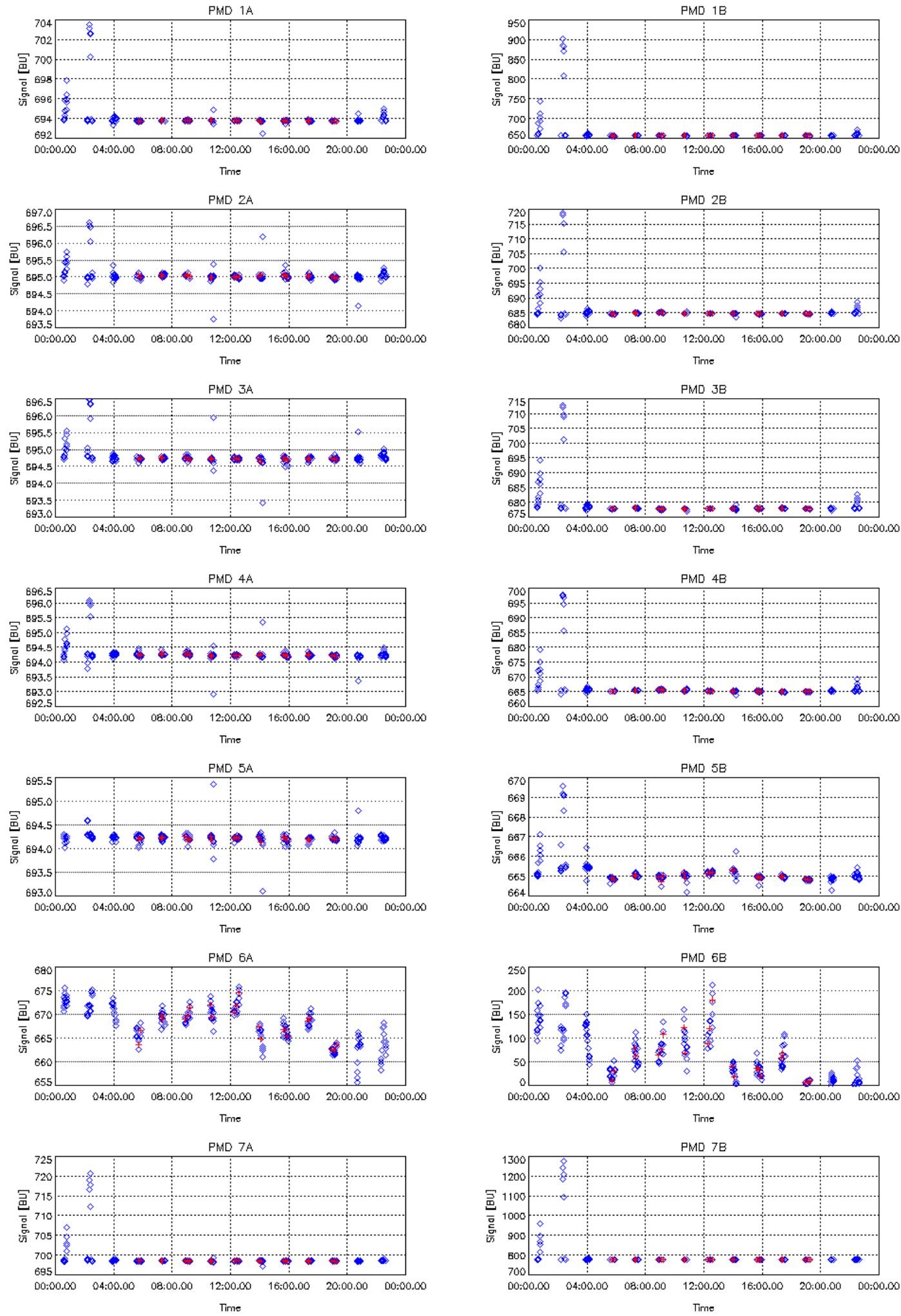
Plots of SCINL1P_NEWLEA_fpn for various detectors on 23APR2008.
Colours indicate the value in BU.

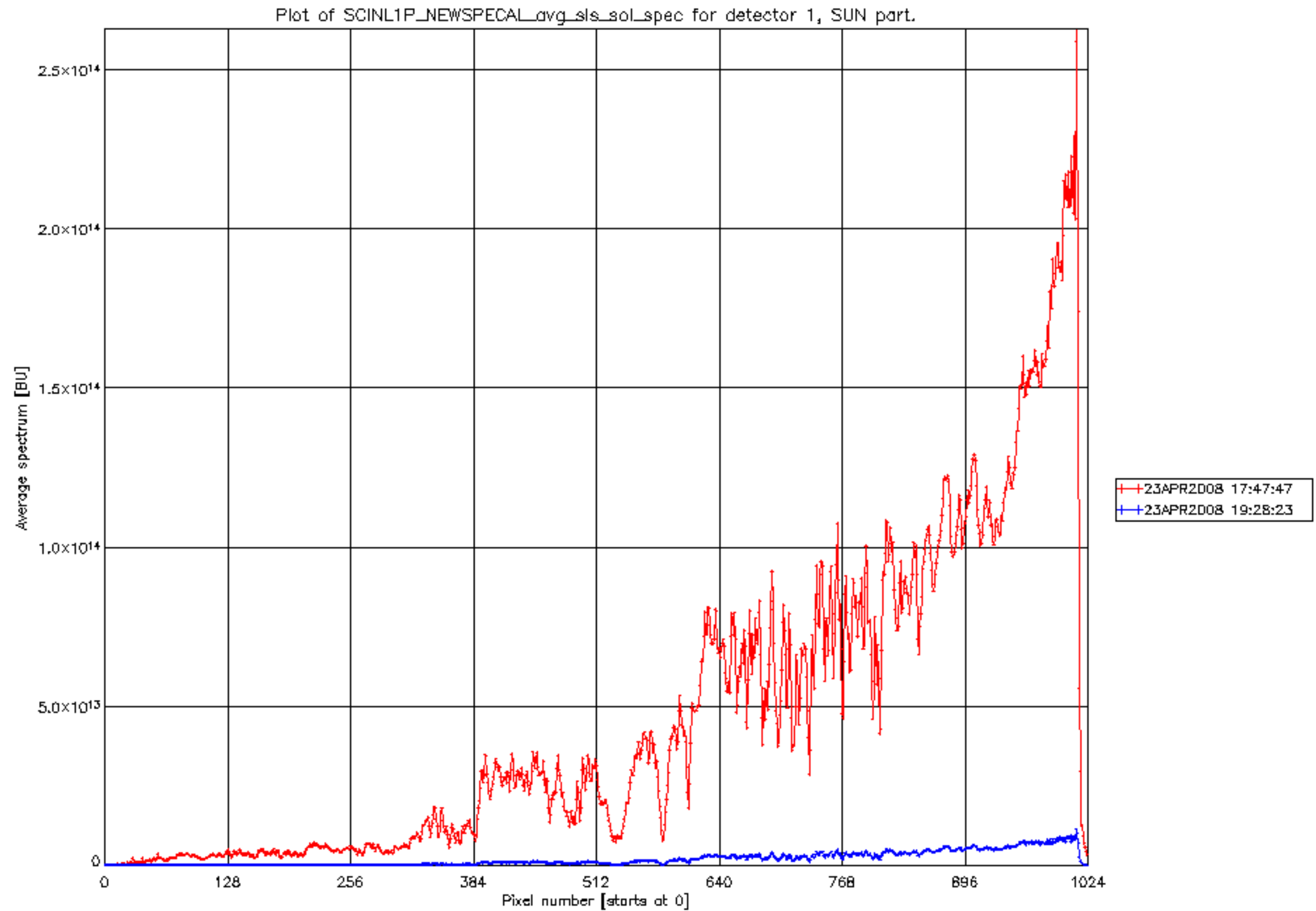


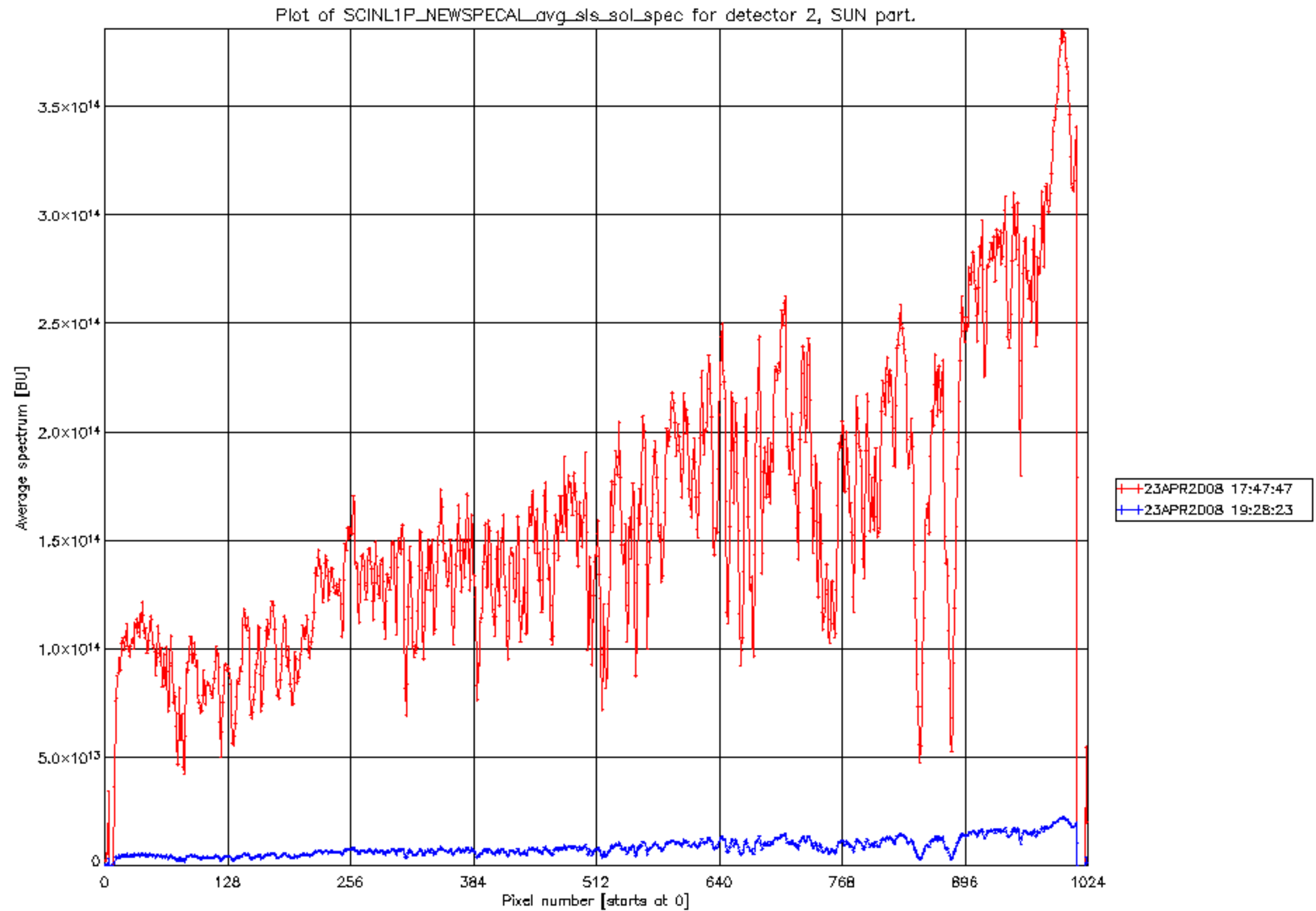
Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 23APR2008.
Colours indicate the value in BU.

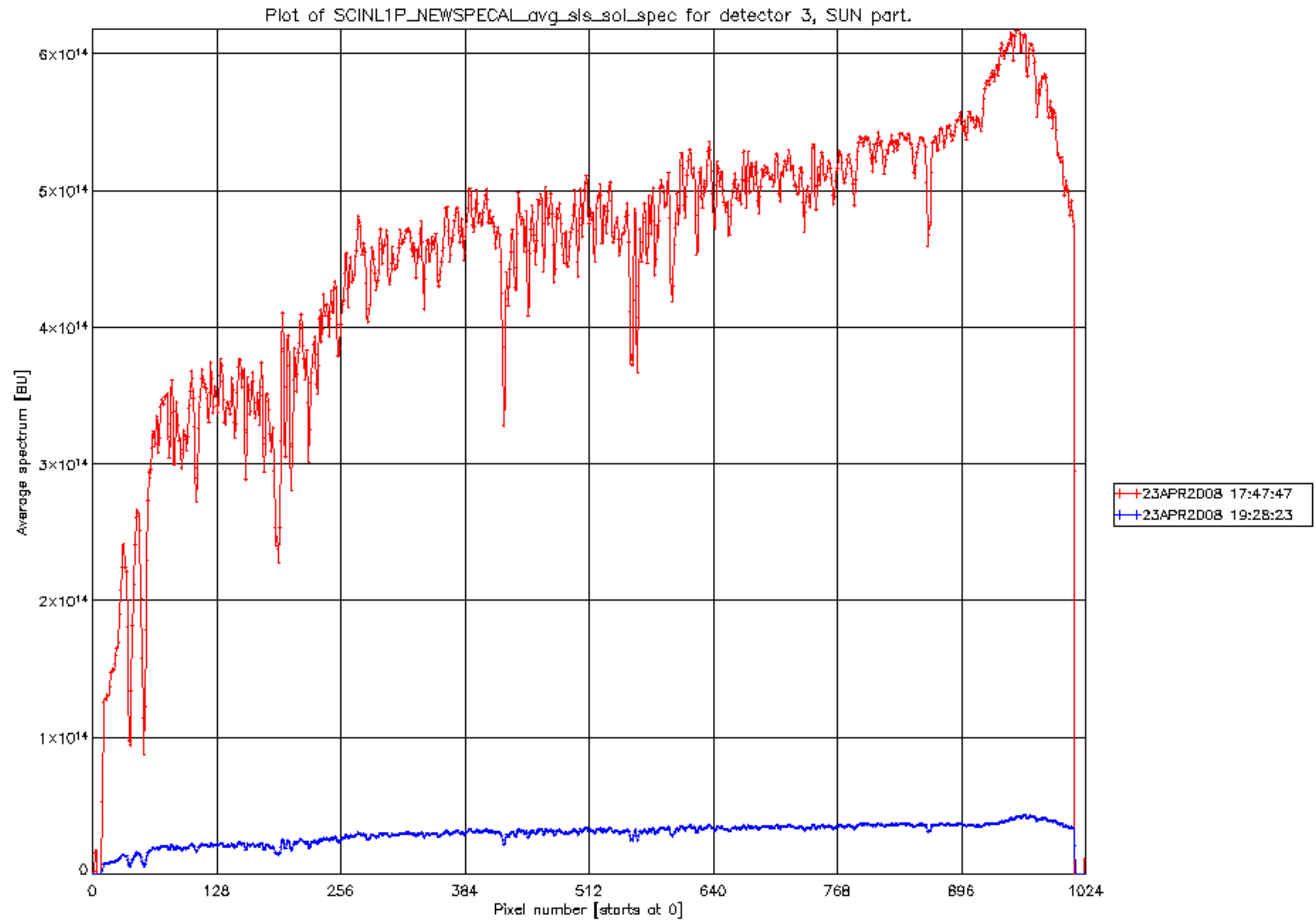


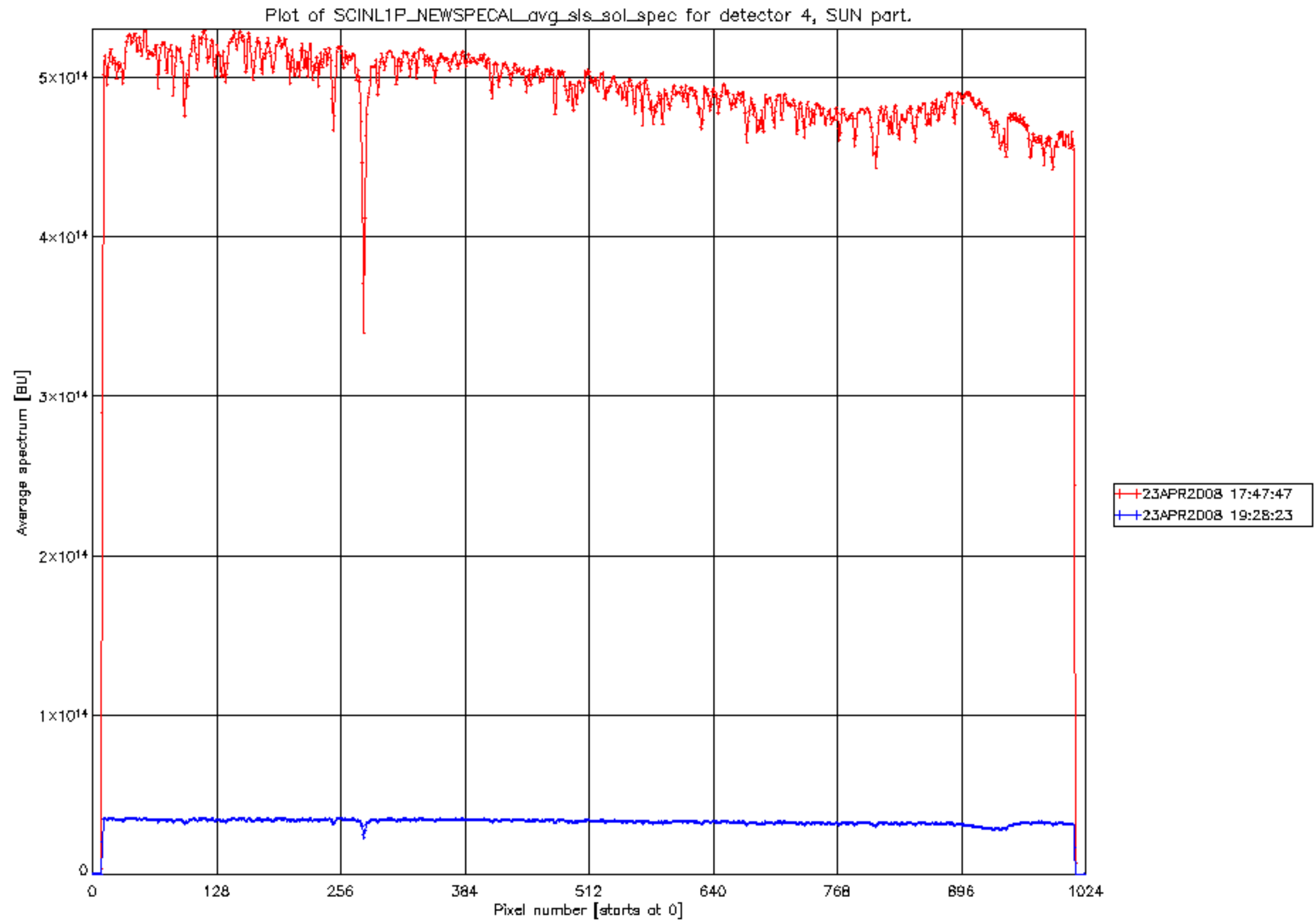
Plots of SCINL1P_NEWLEA_pmd_off vs time on 23APR2008 (red).
Dark average pmd data is given in blue for comparison.

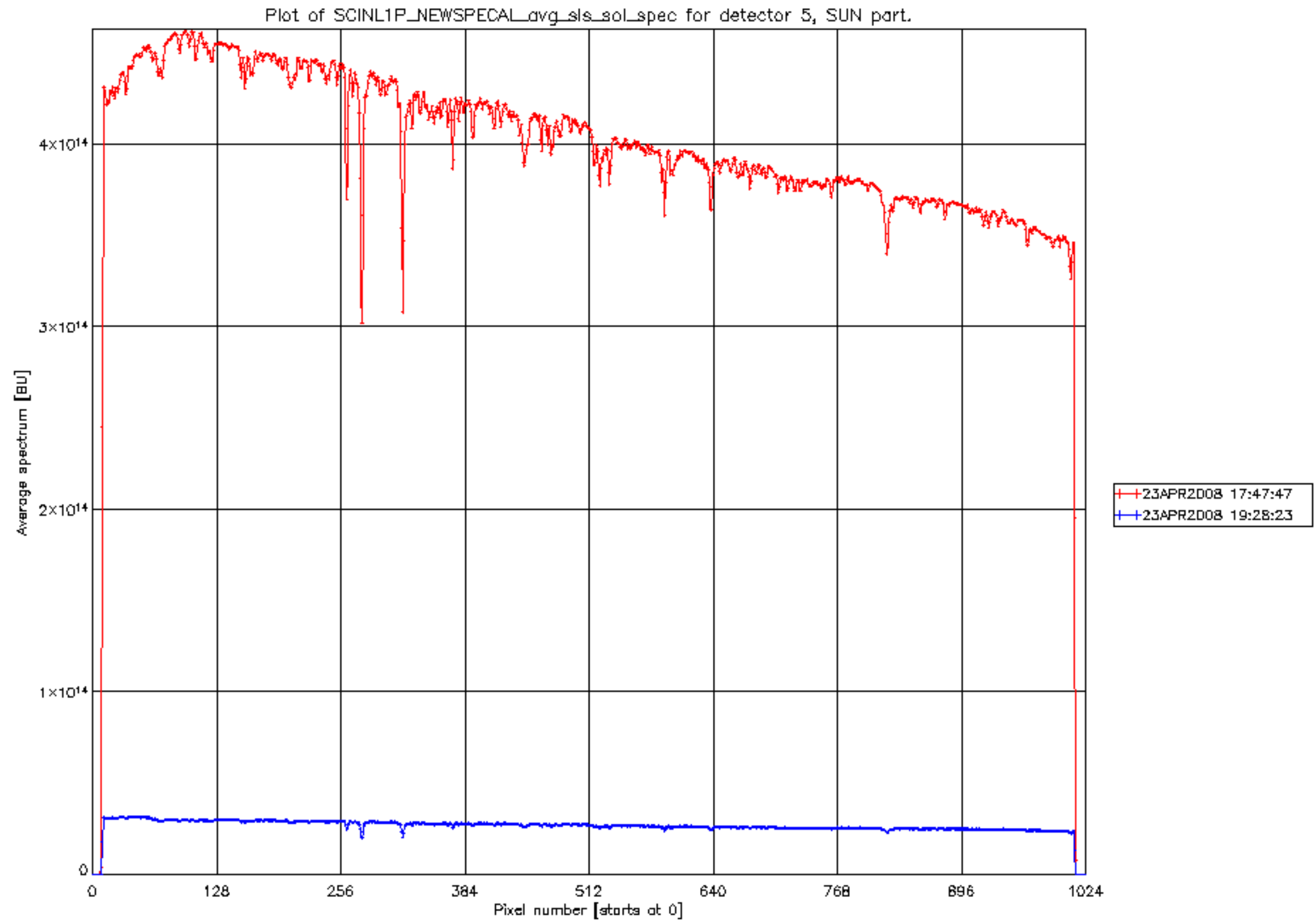


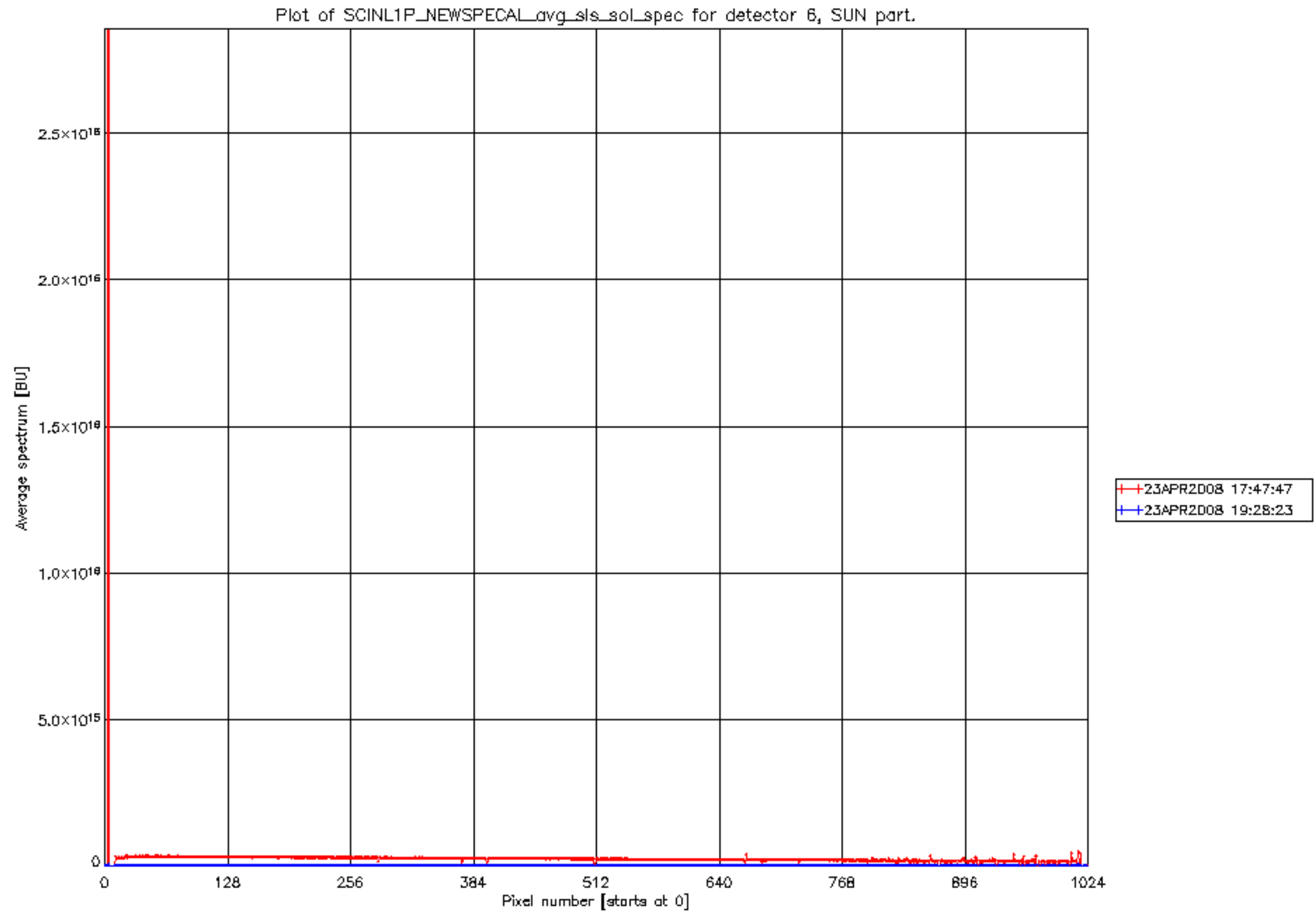


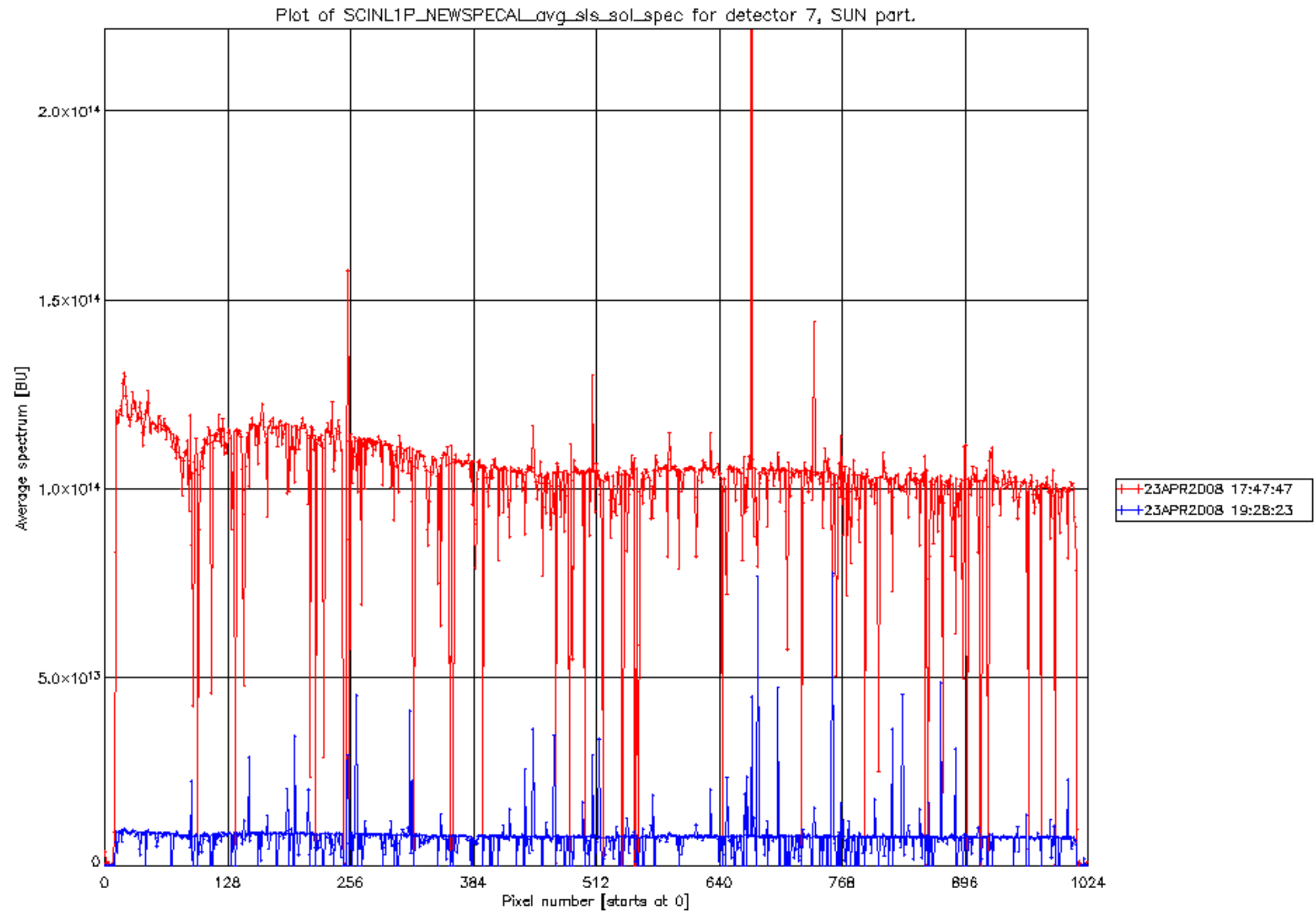


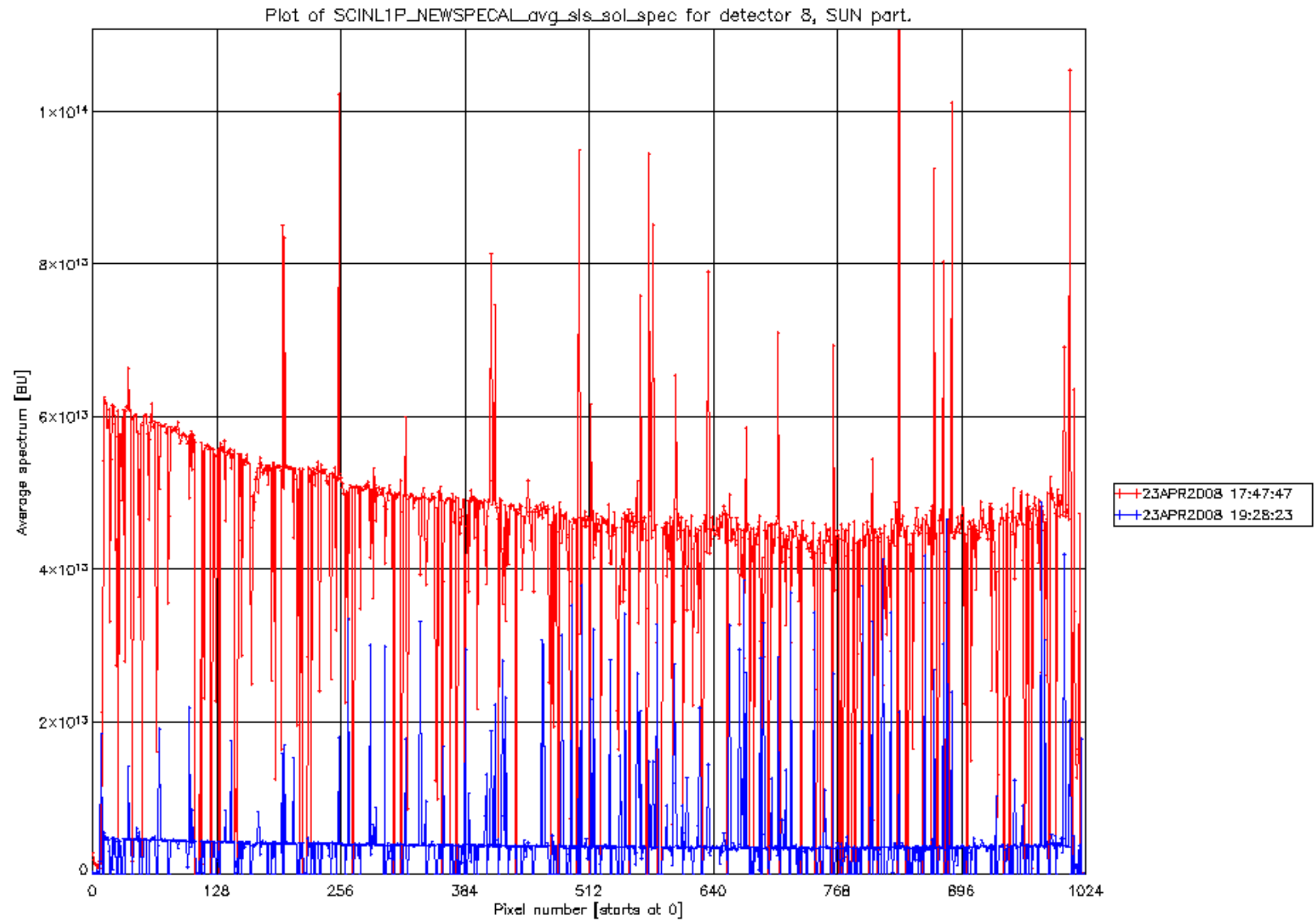


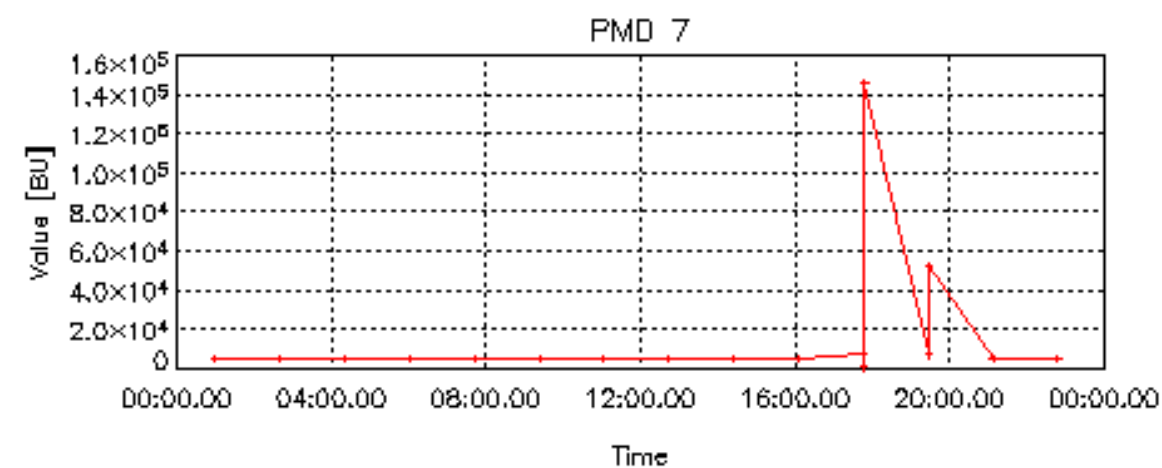
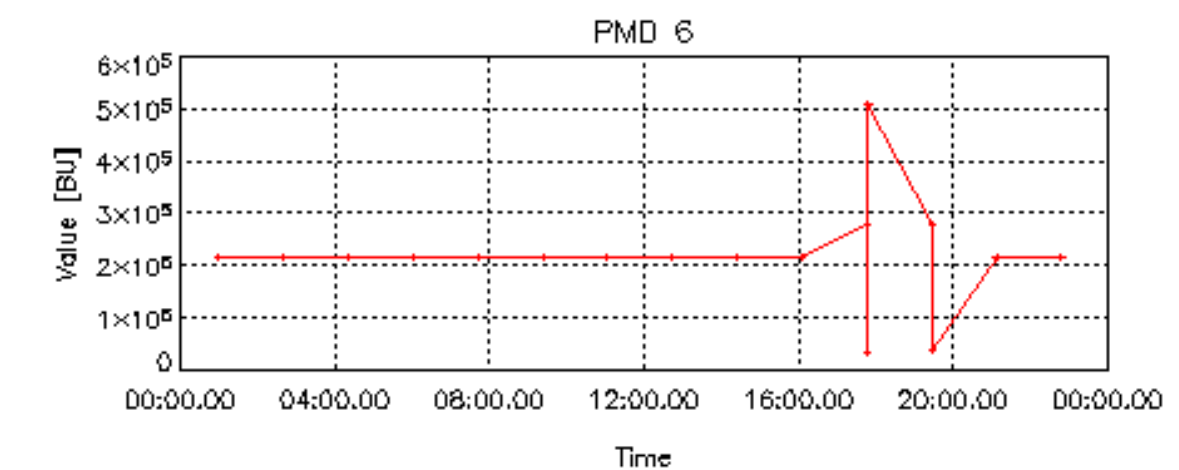
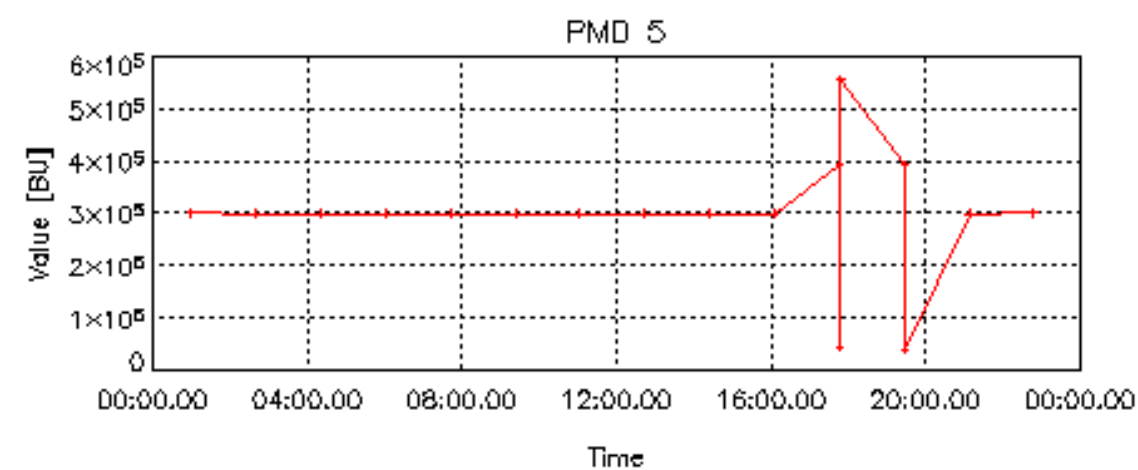
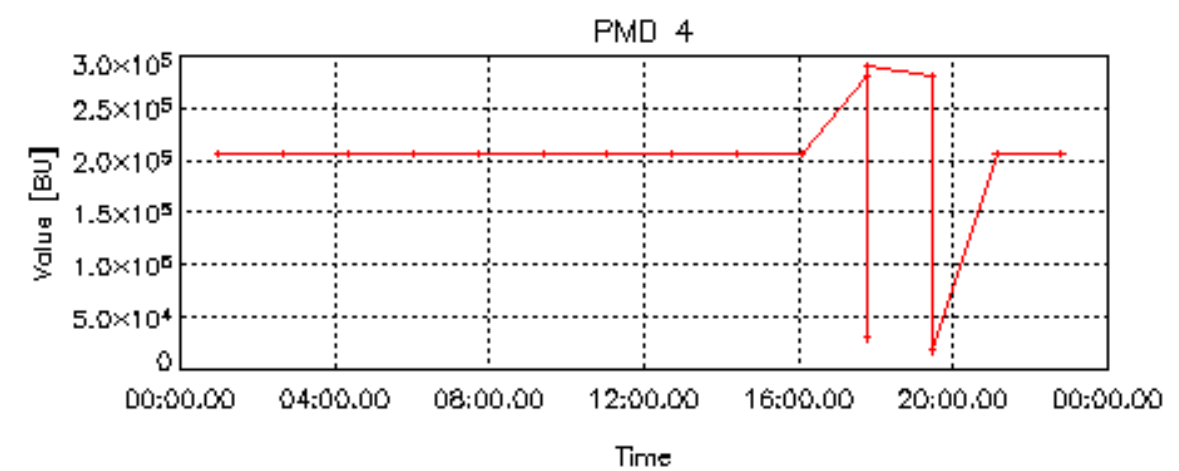
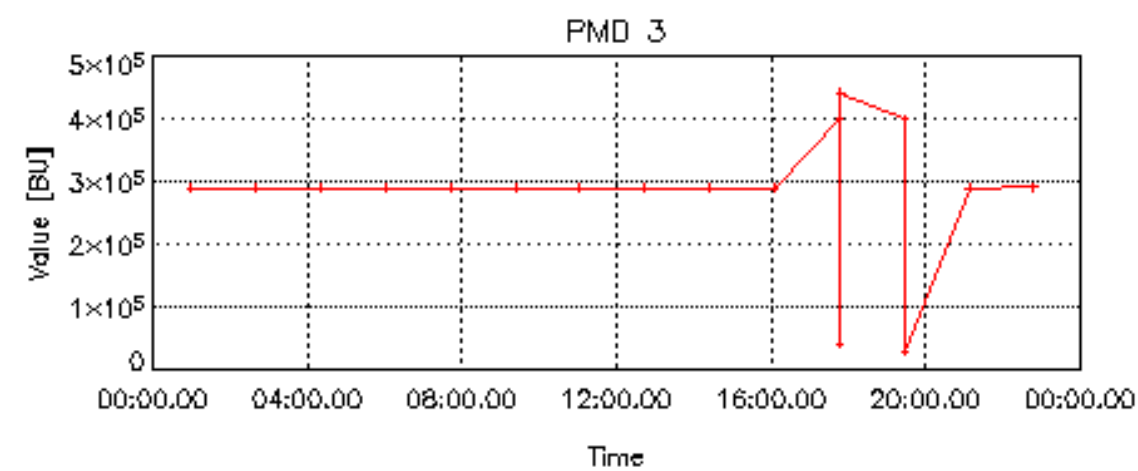
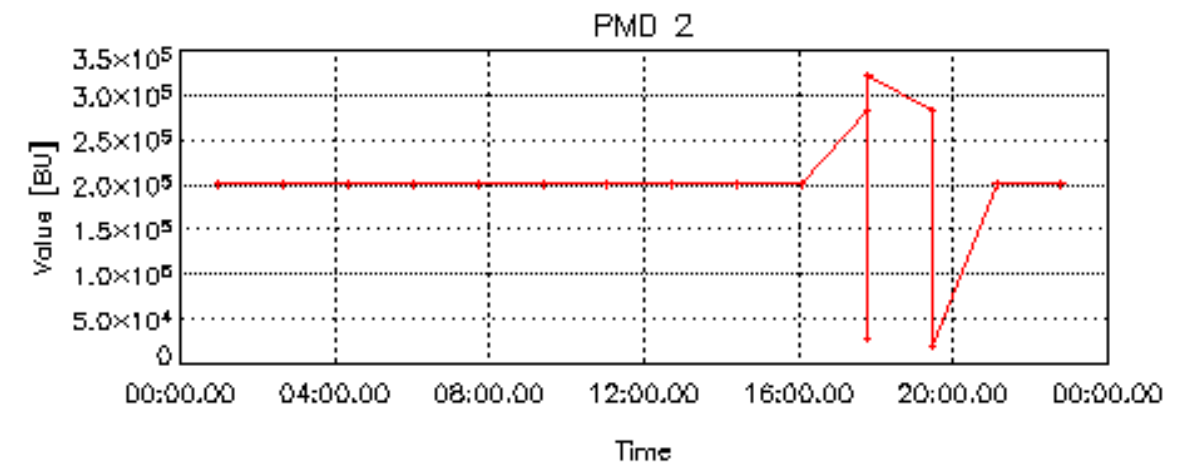
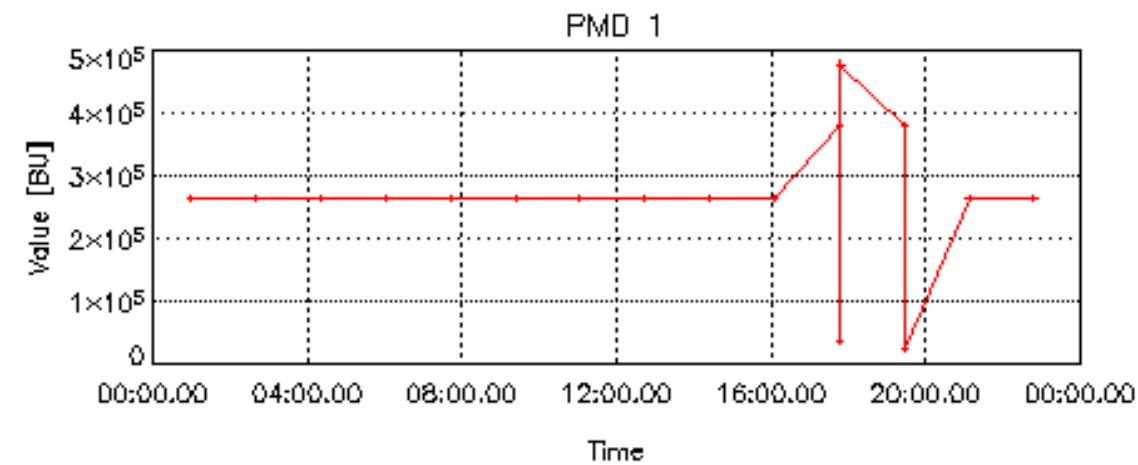


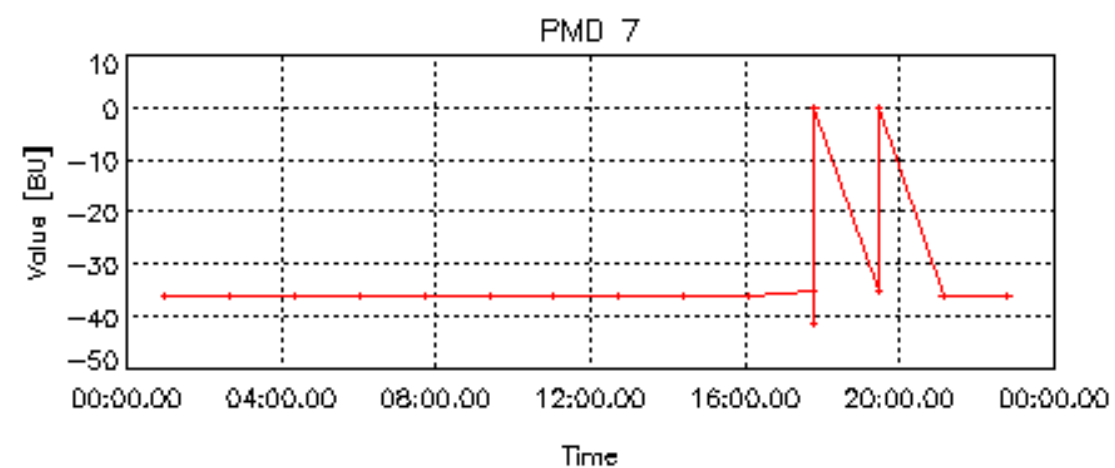
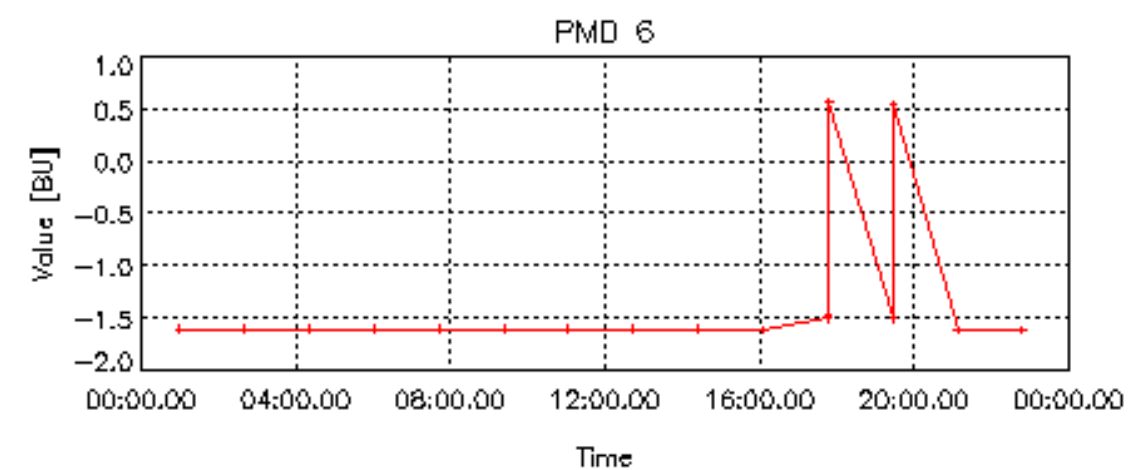
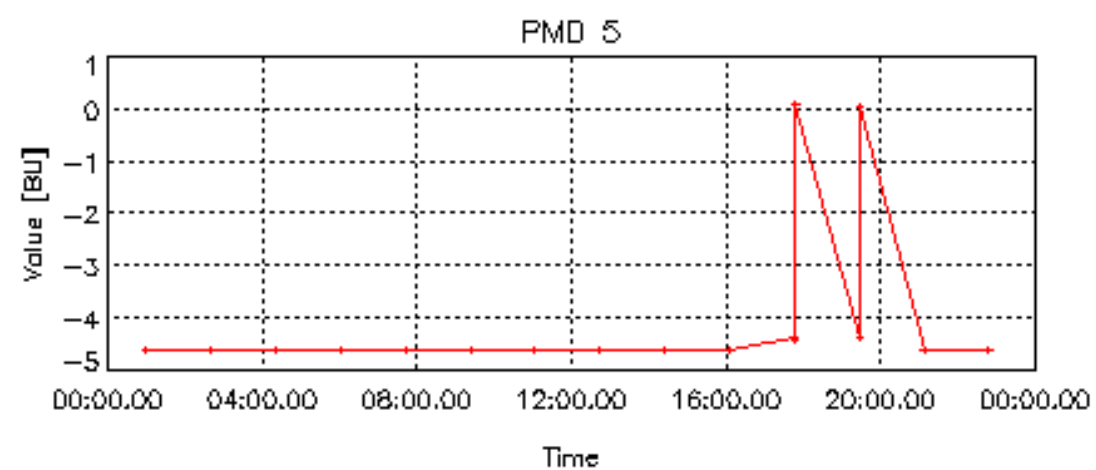
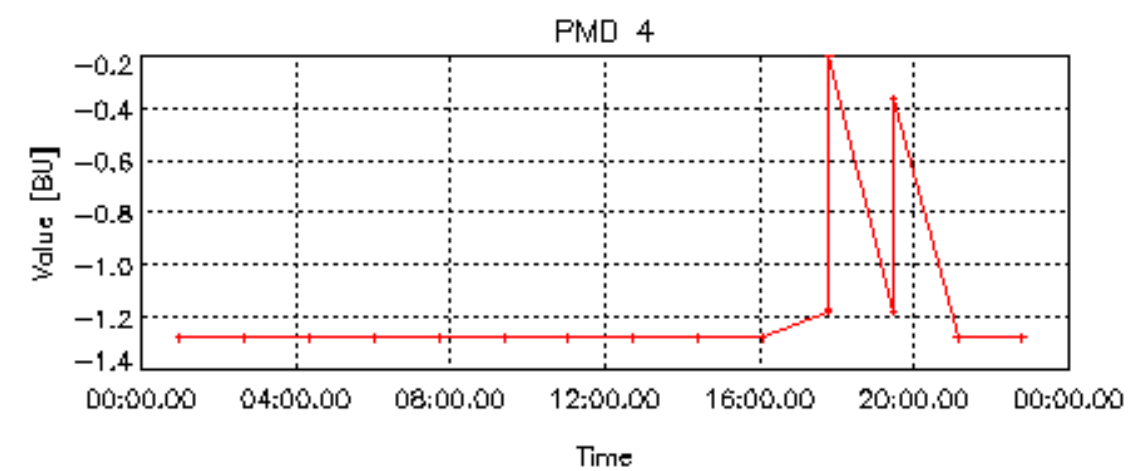
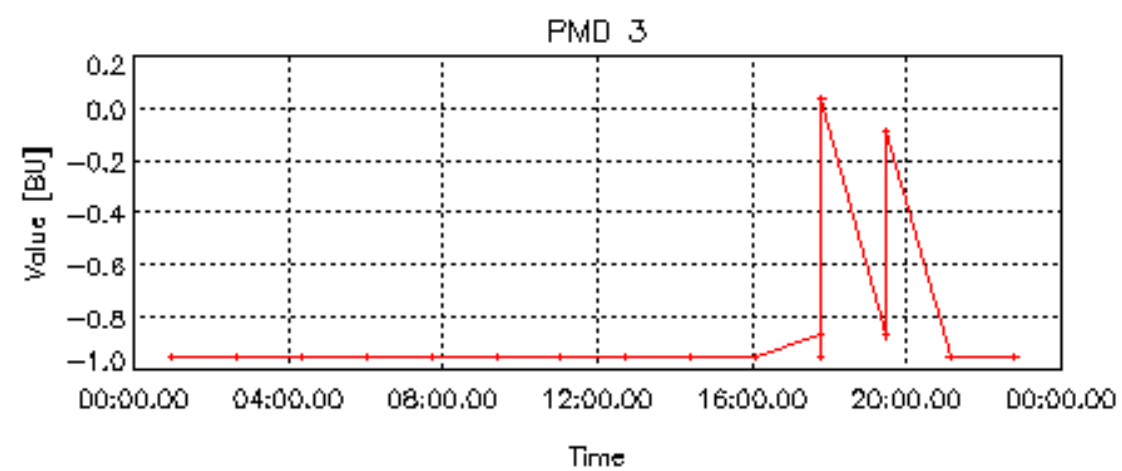
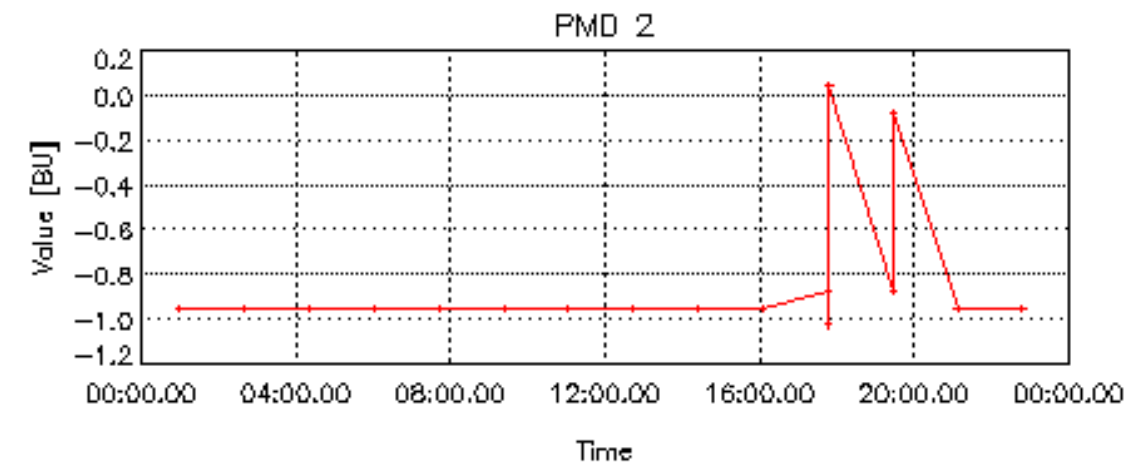
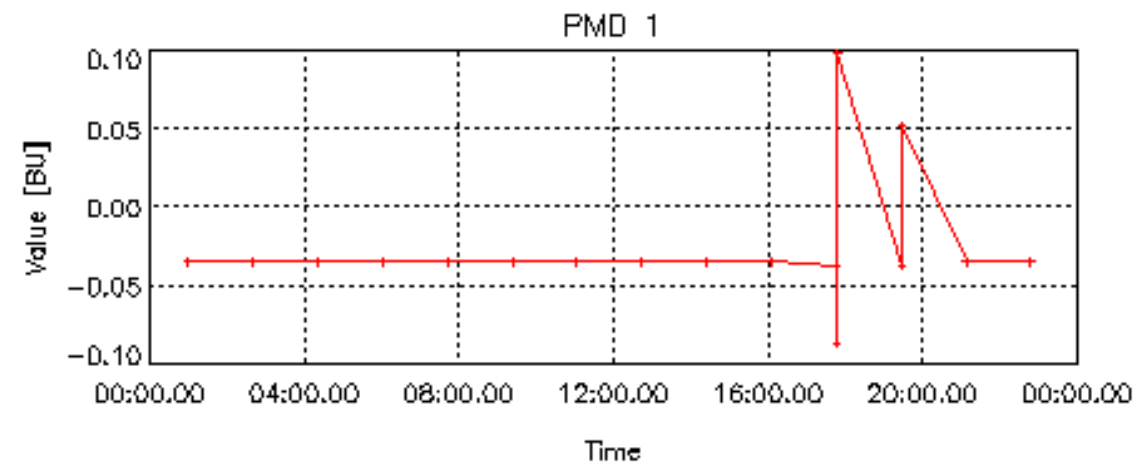




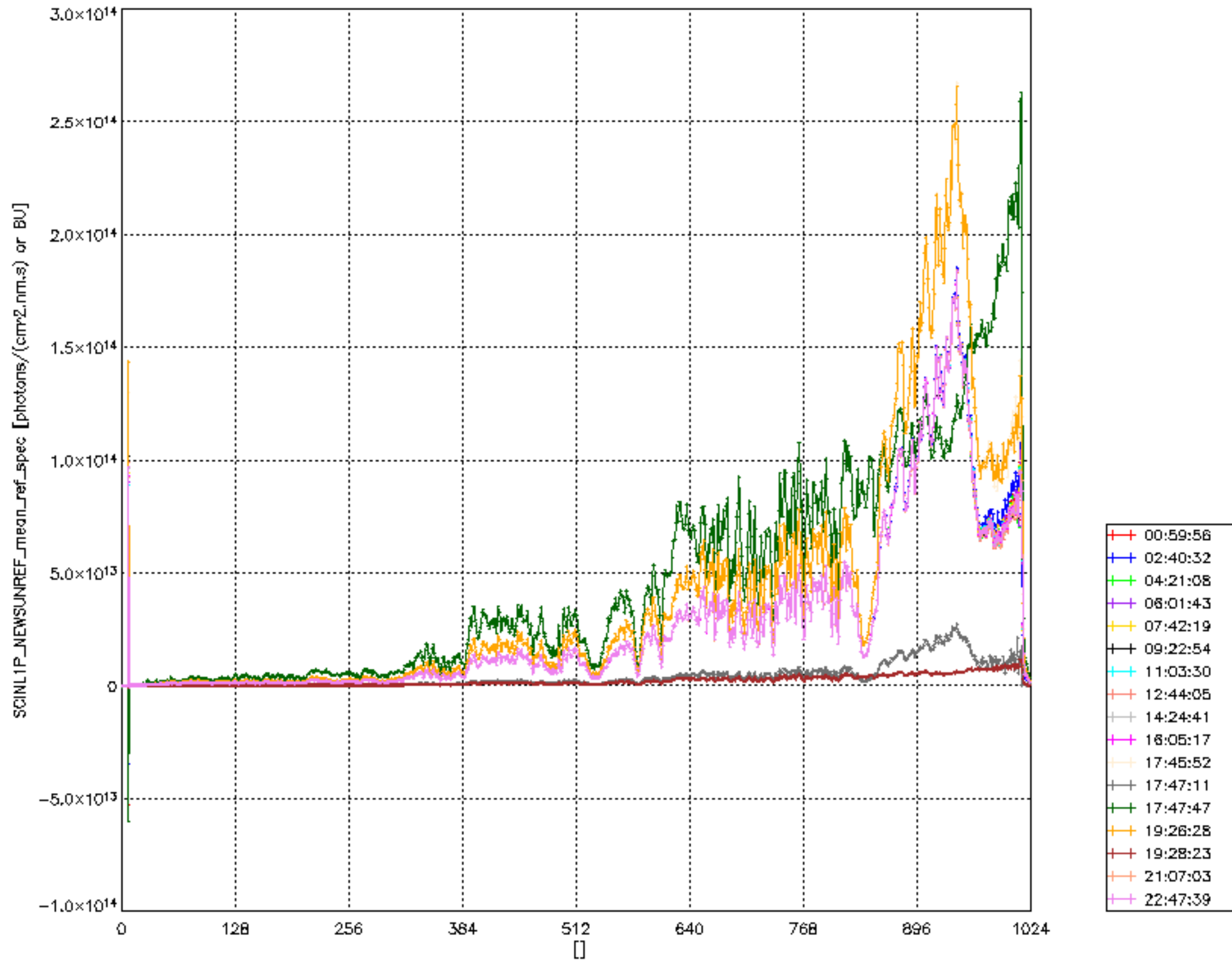




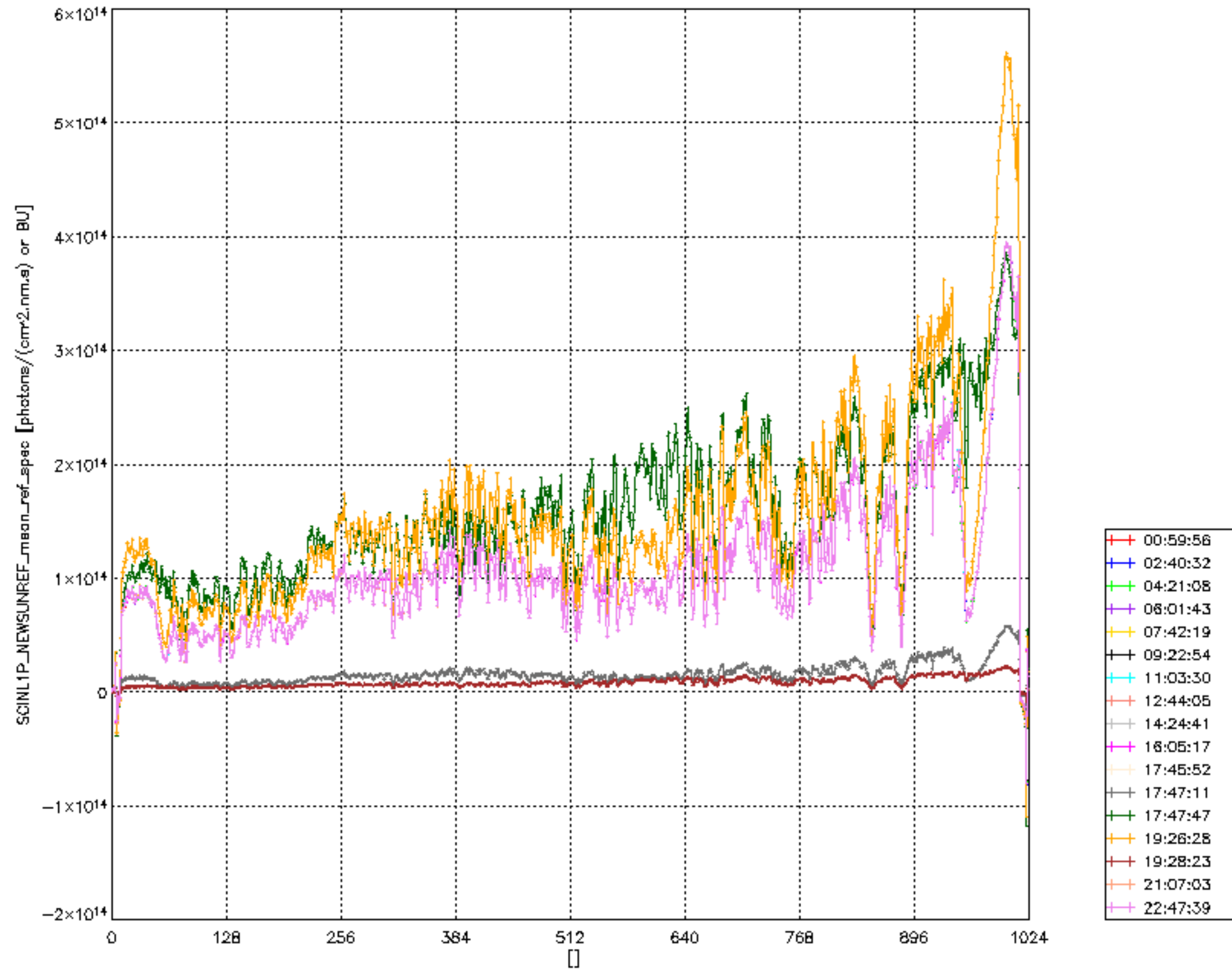


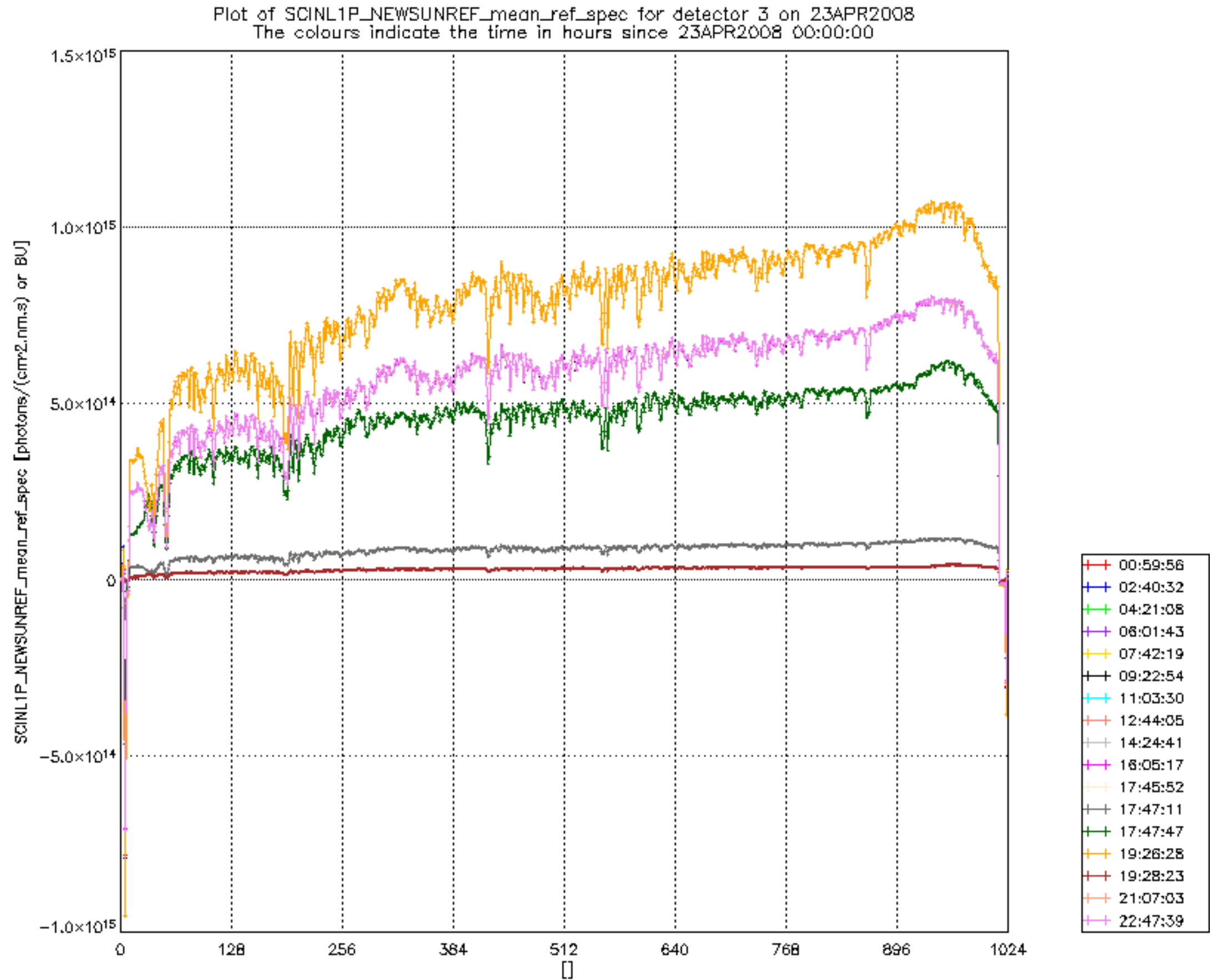


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 1 on 23APR2008
The colours indicate the time in hours since 23APR2008 00:00:00

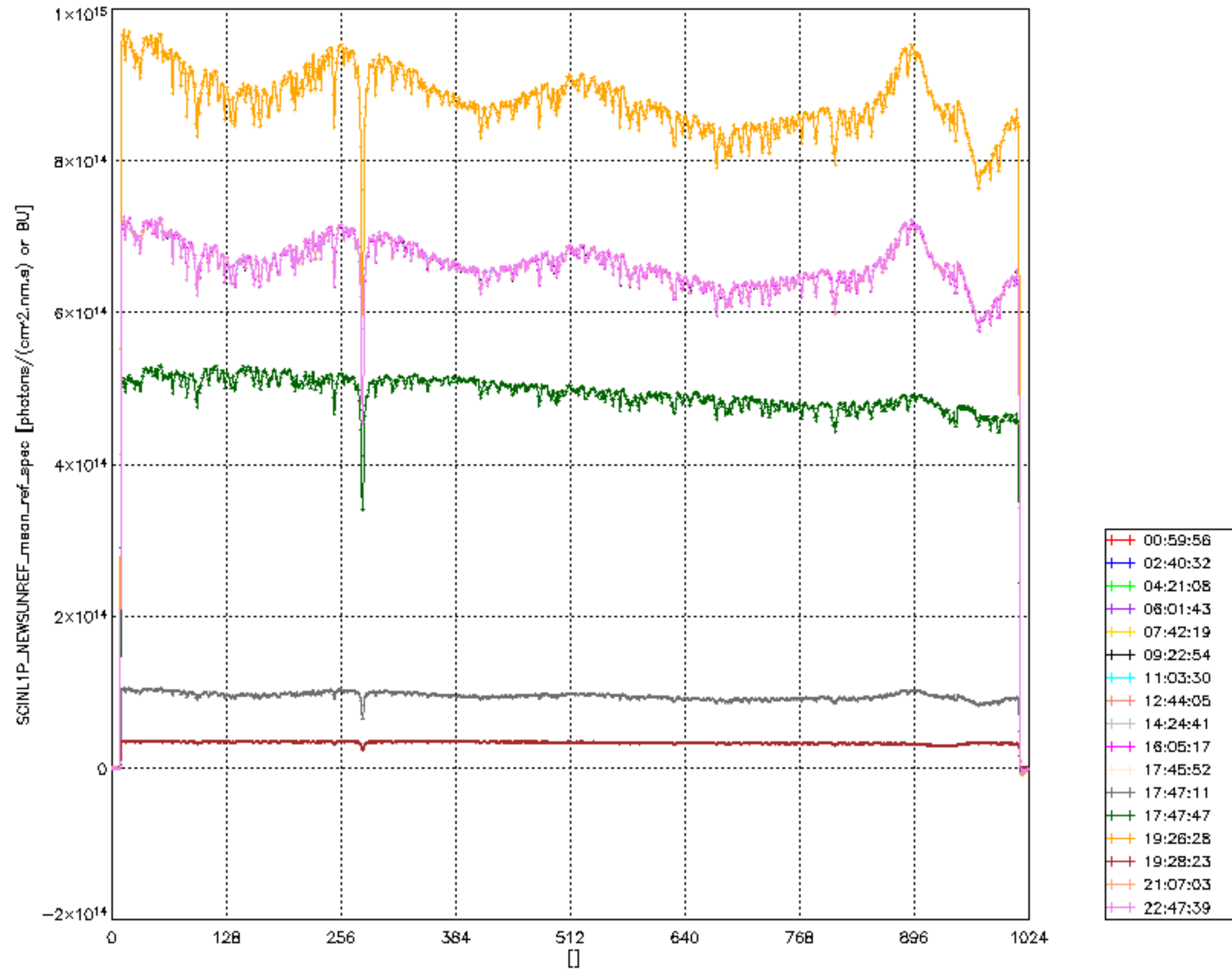


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 2 on 23APR2008
The colours indicate the time in hours since 23APR2008 00:00:00

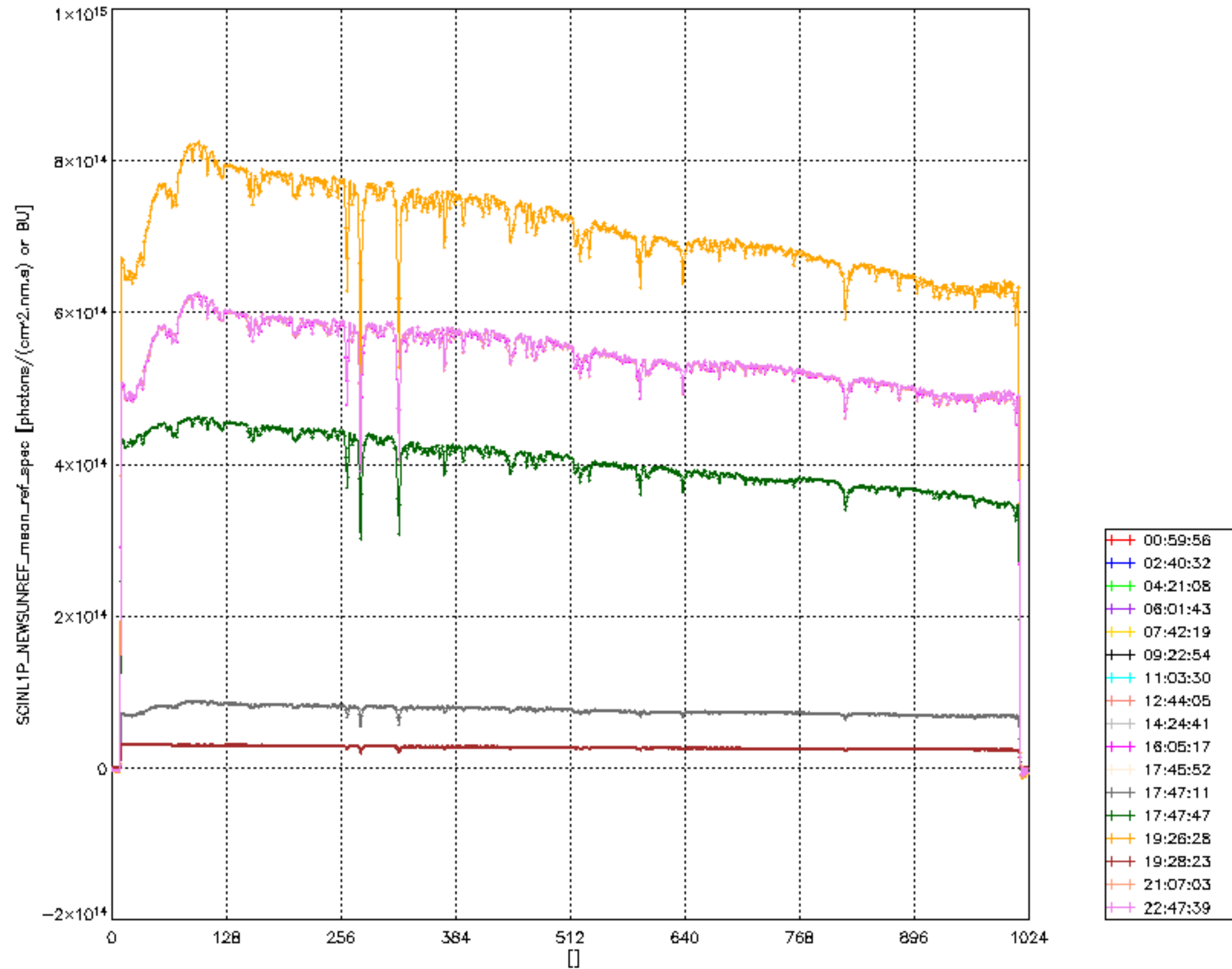


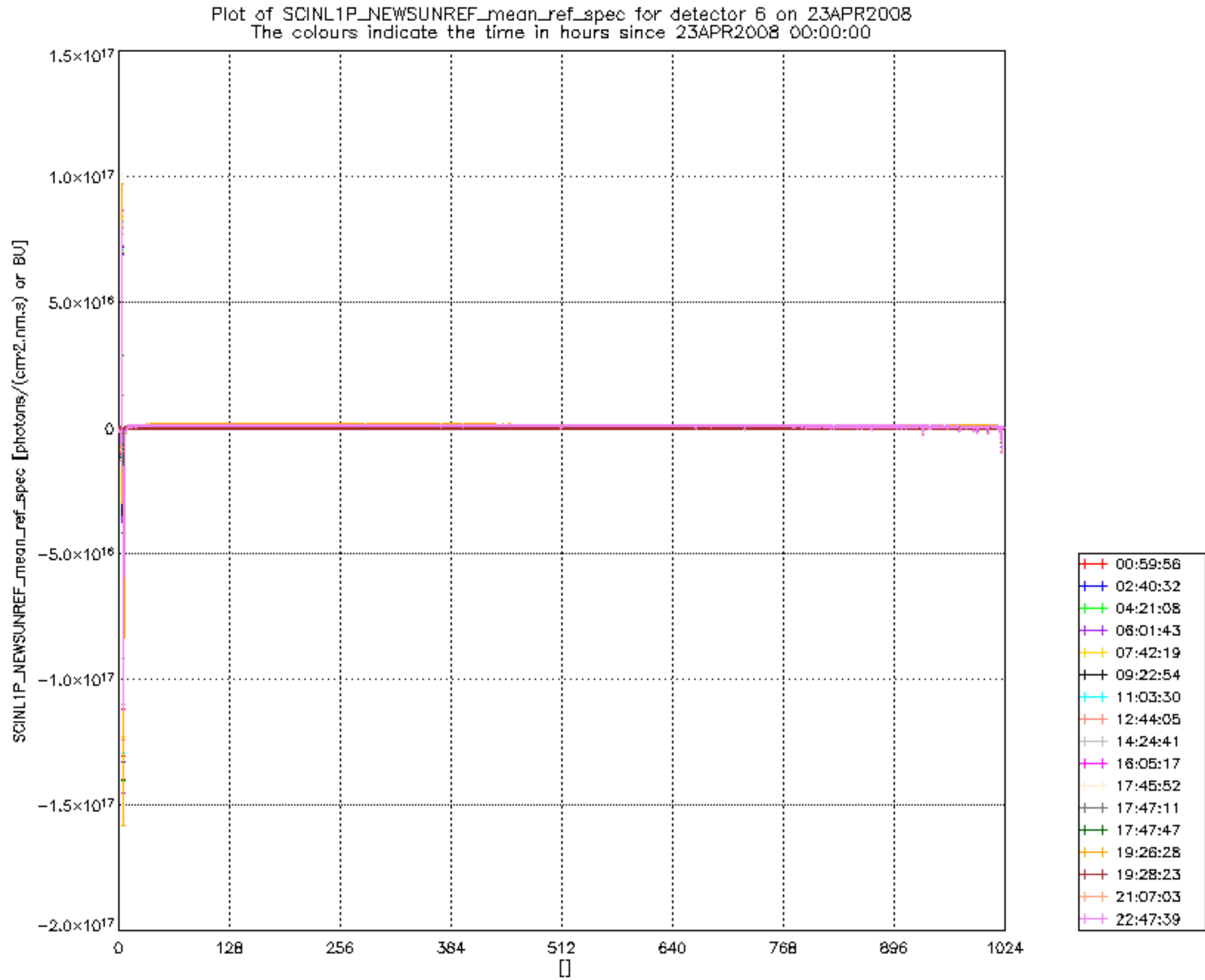


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 4 on 23APR2008
The colours indicate the time in hours since 23APR2008 00:00:00

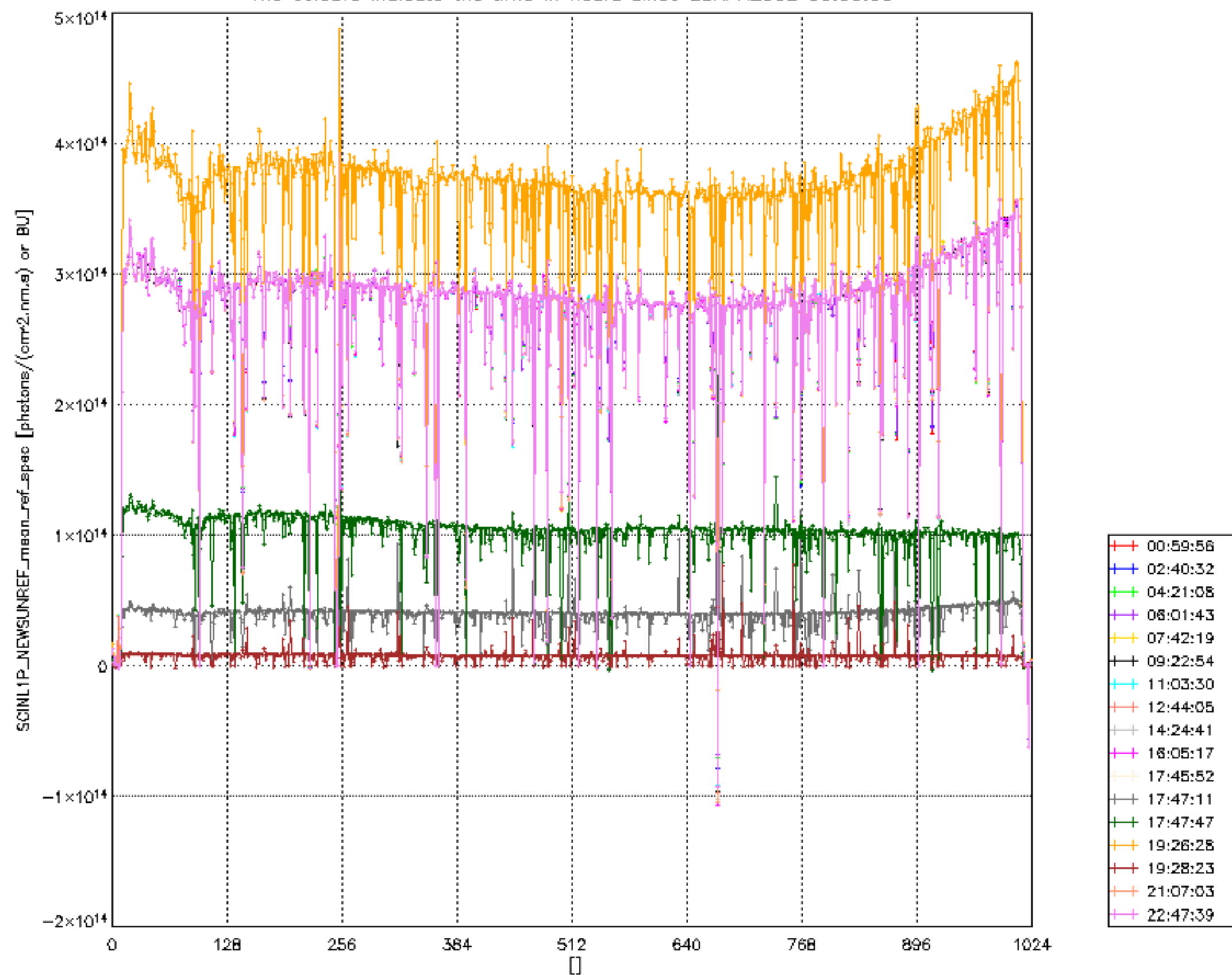


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 5 on 23APR2008
The colours indicate the time in hours since 23APR2008 00:00:00

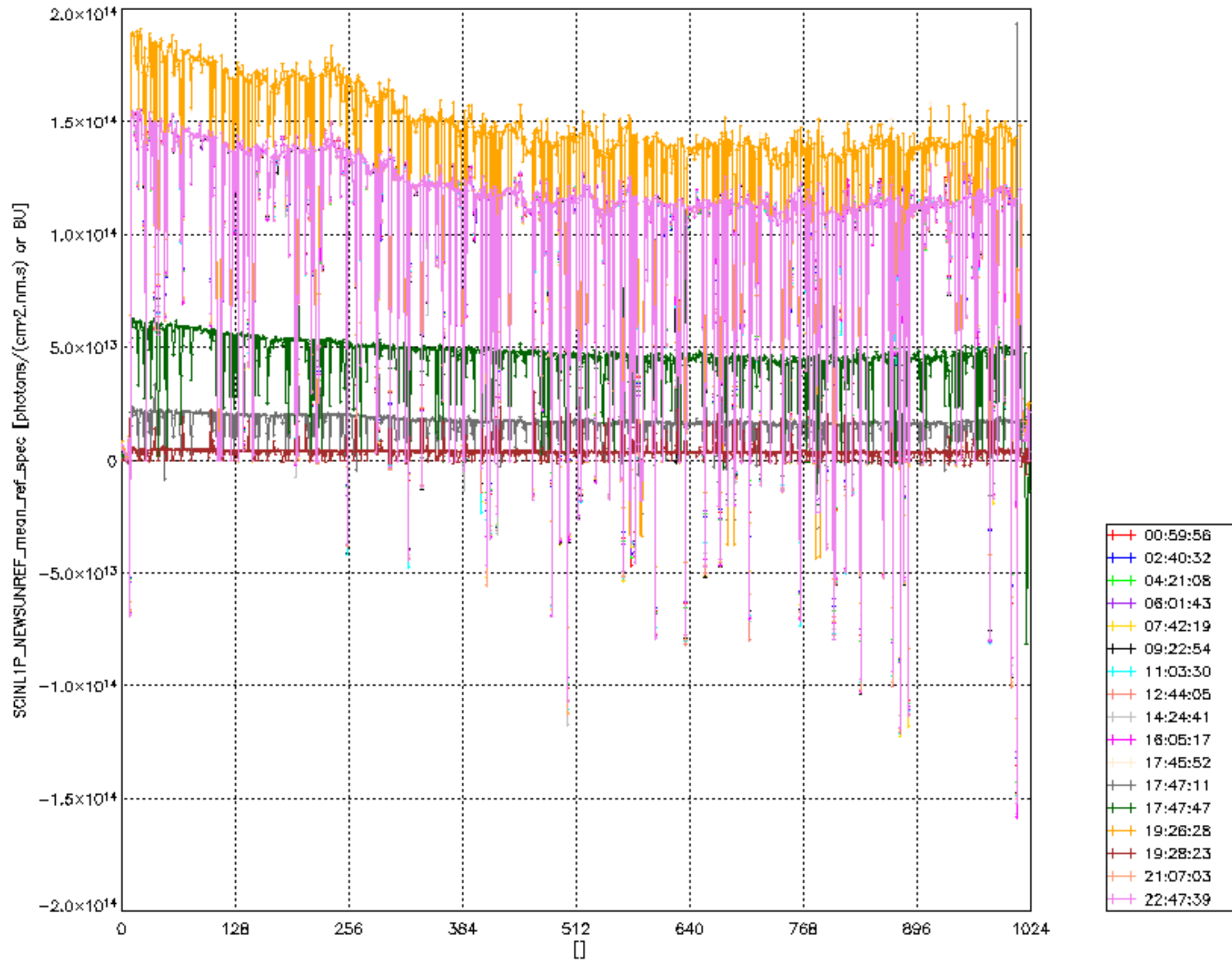




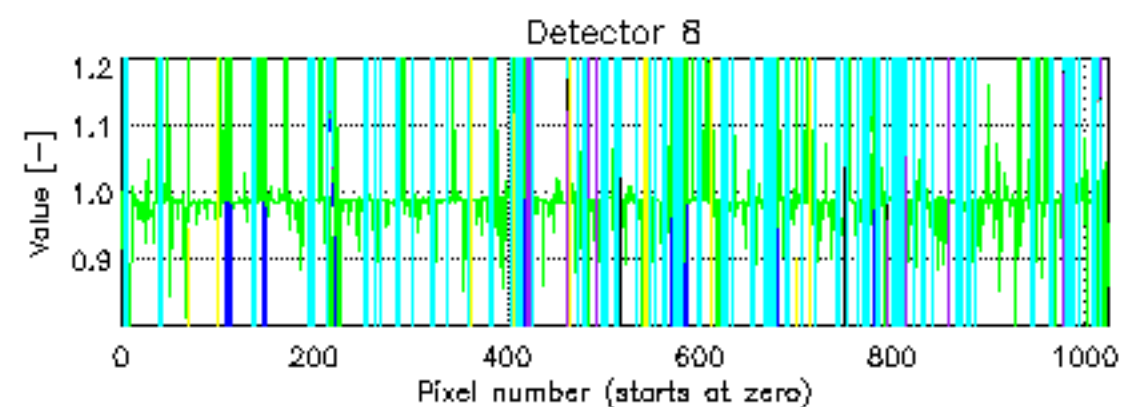
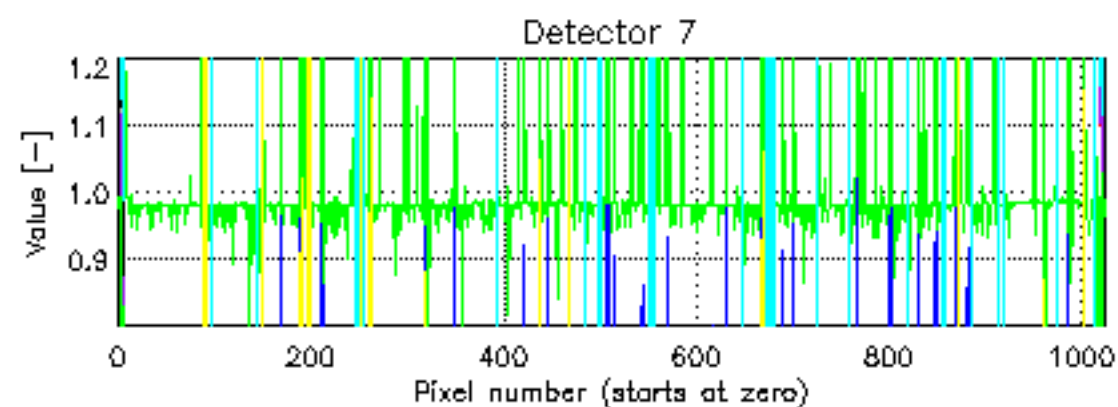
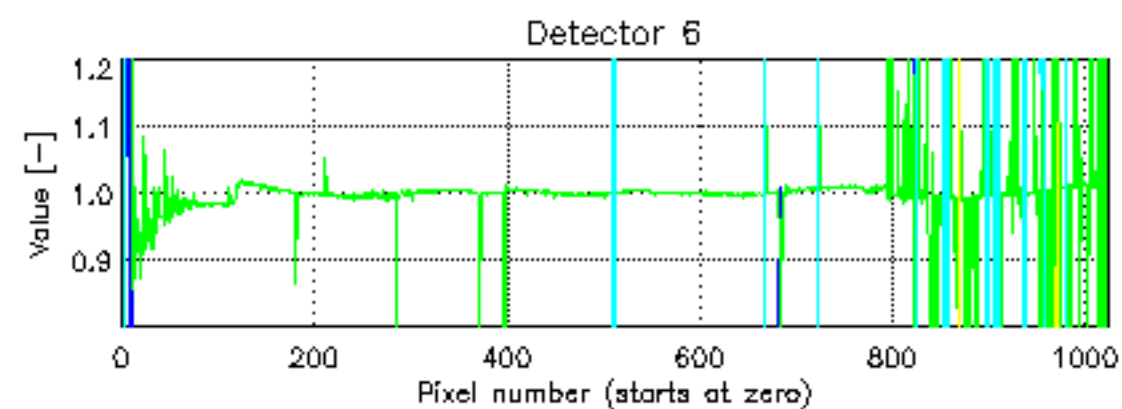
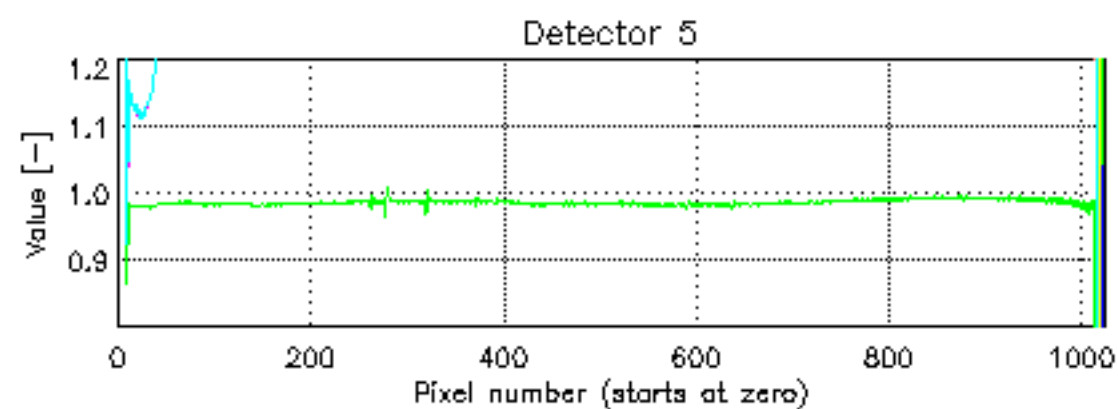
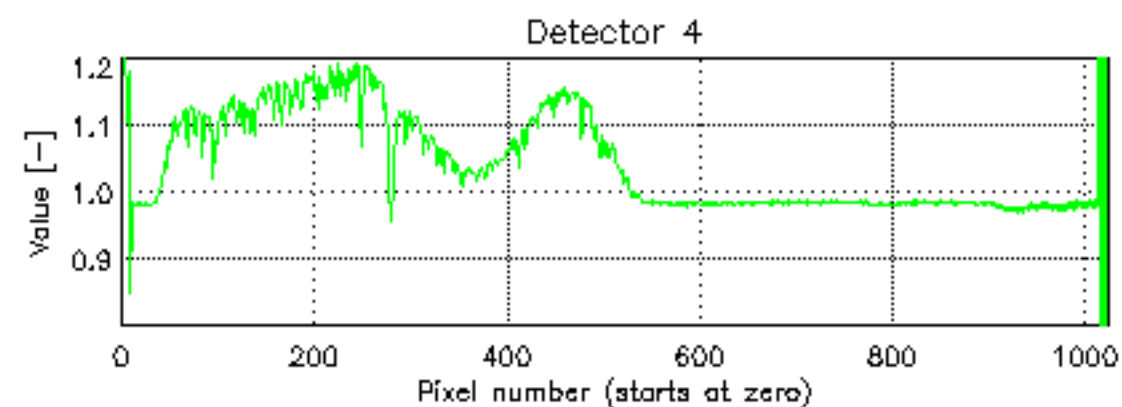
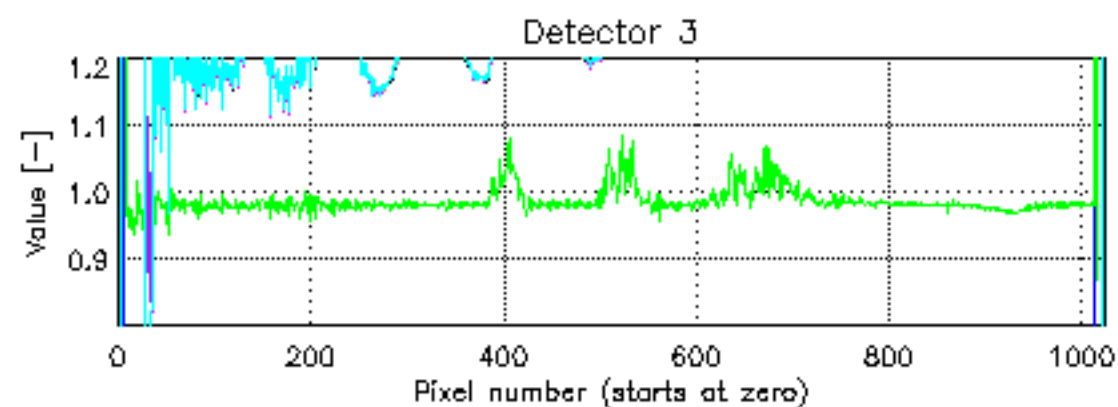
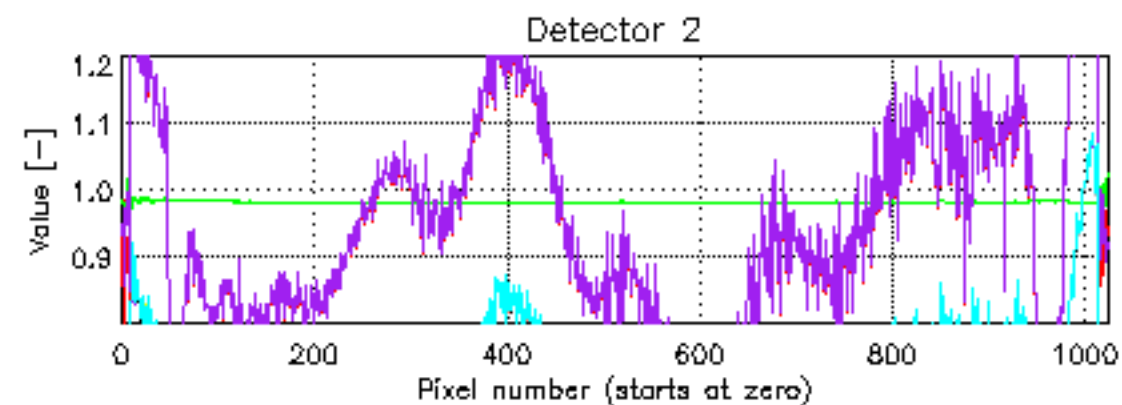
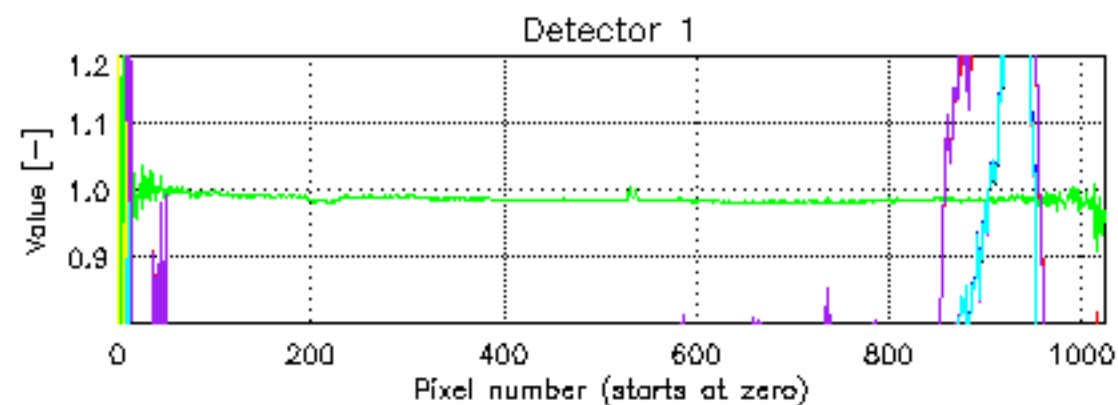
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 7 on 23APR2008
The colours indicate the time in hours since 23APR2008 00:00:00

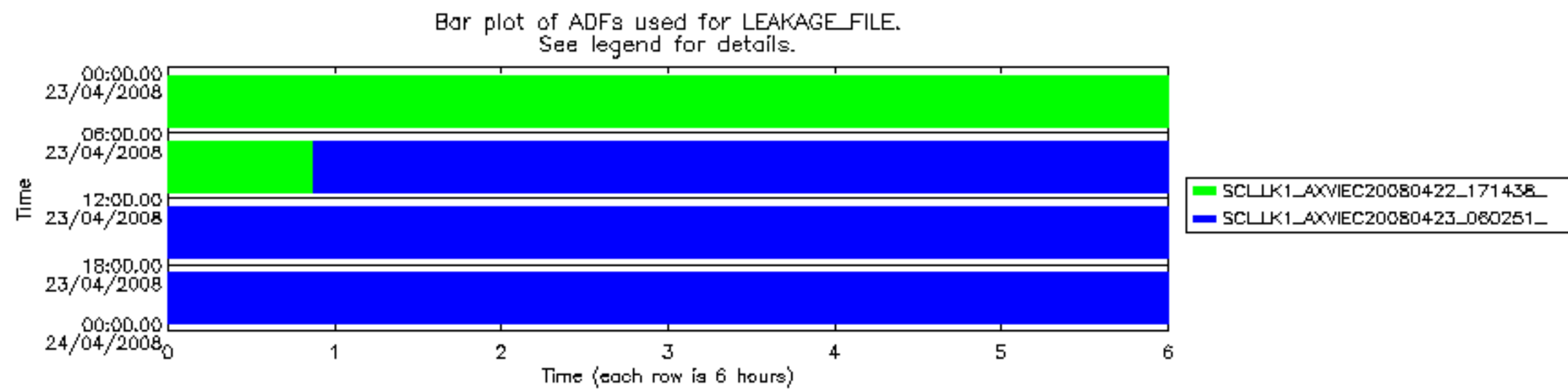


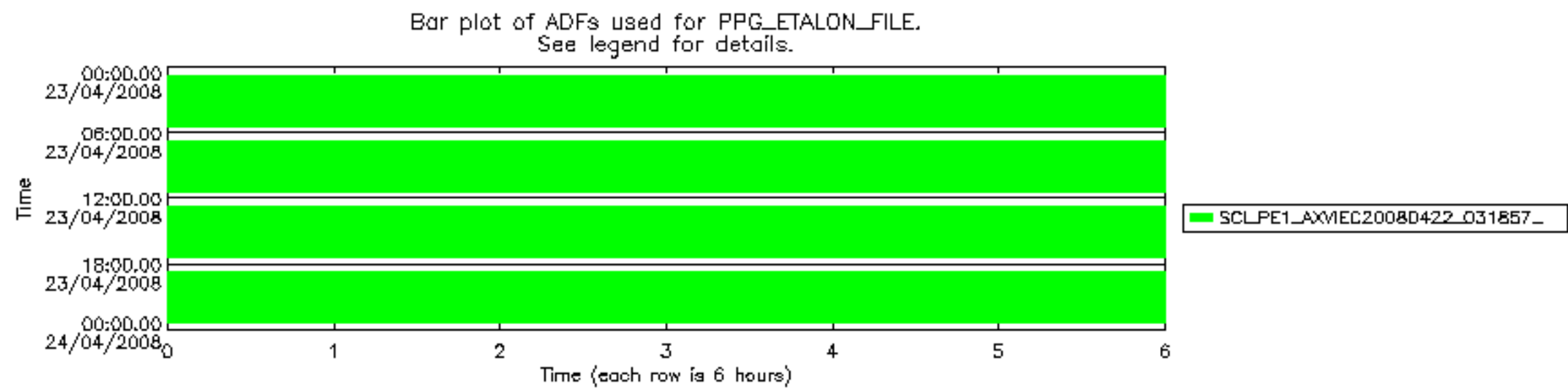
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector B on 23APR2008
The colours indicate the time in hours since 23APR2008 00:00:00

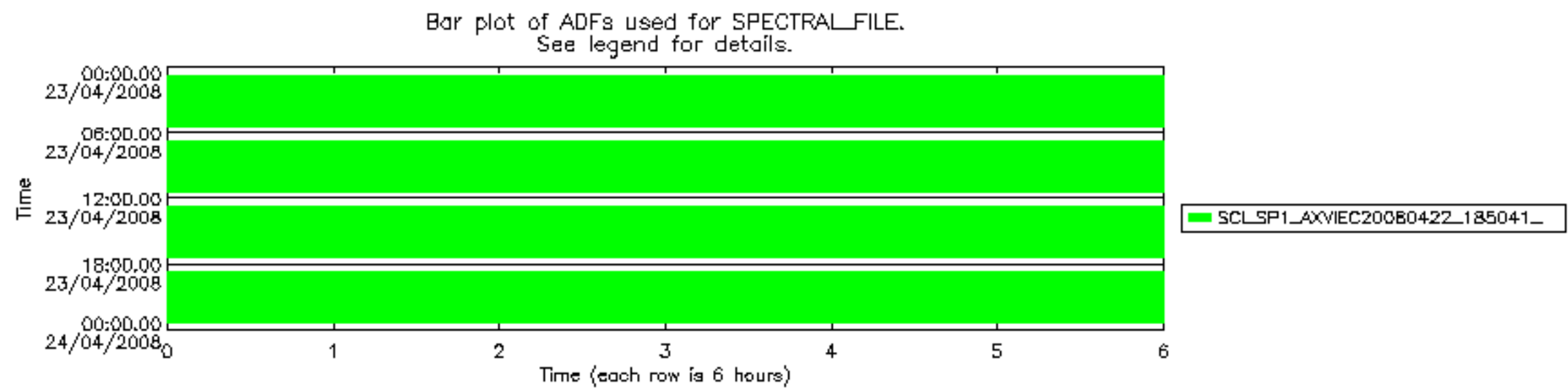


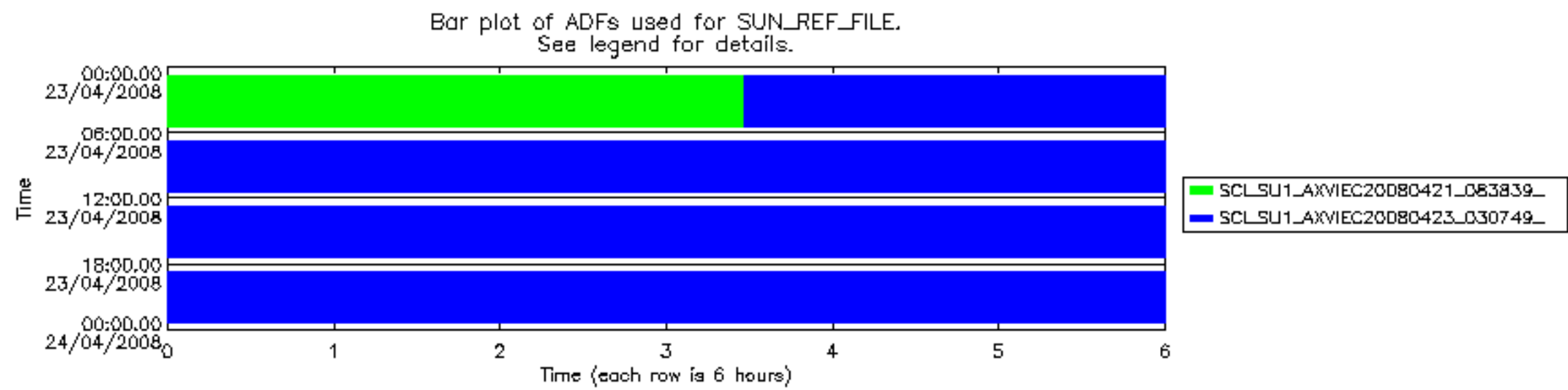
Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCLSU1_AXMEC20080421_083839_20080417_174048_20080502_191957

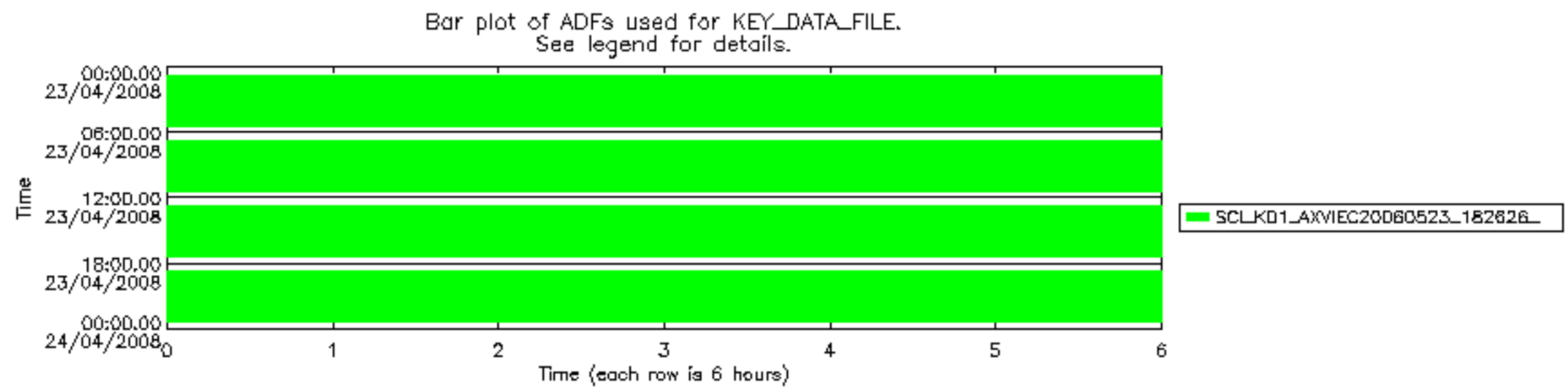


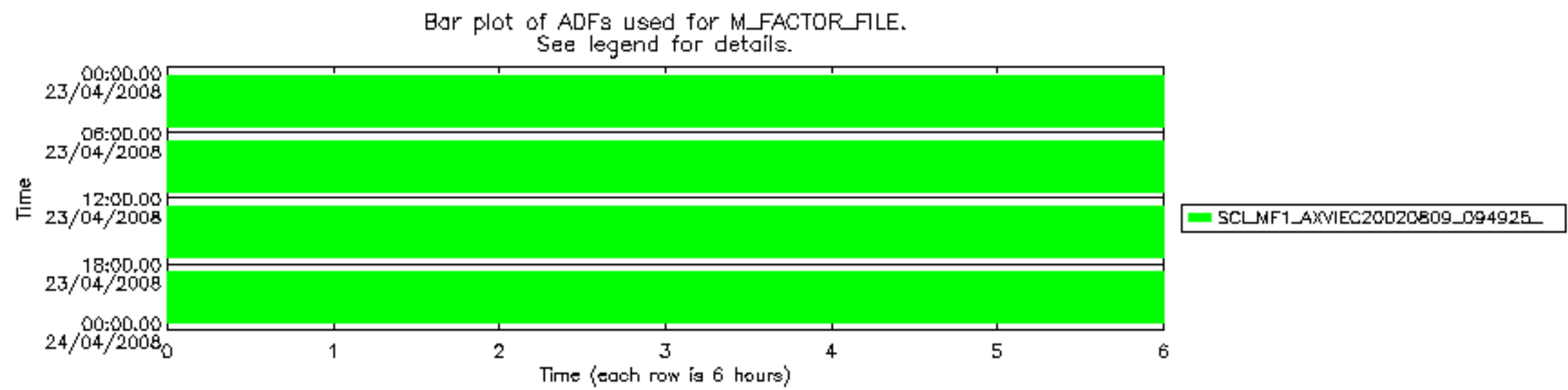


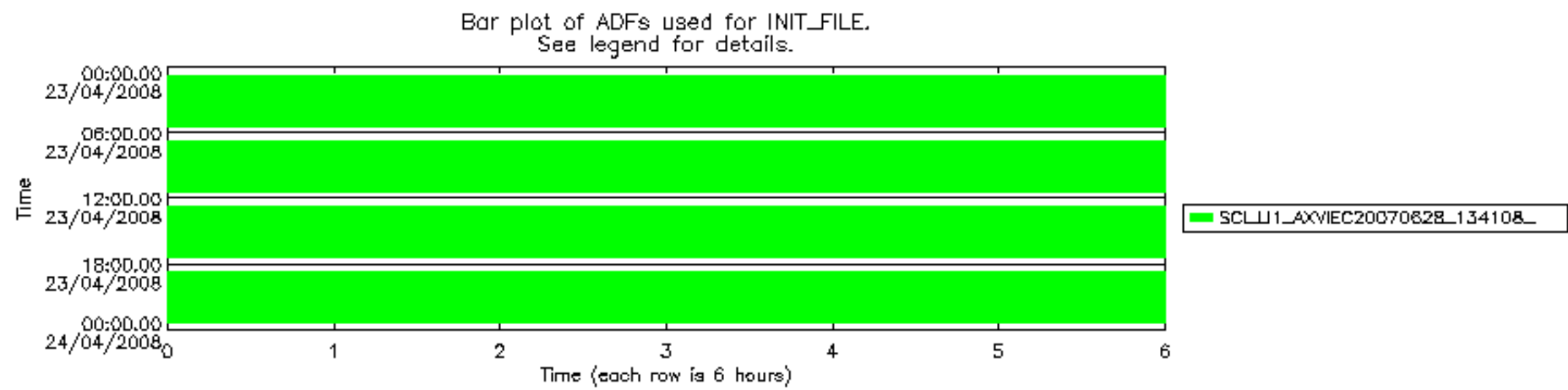


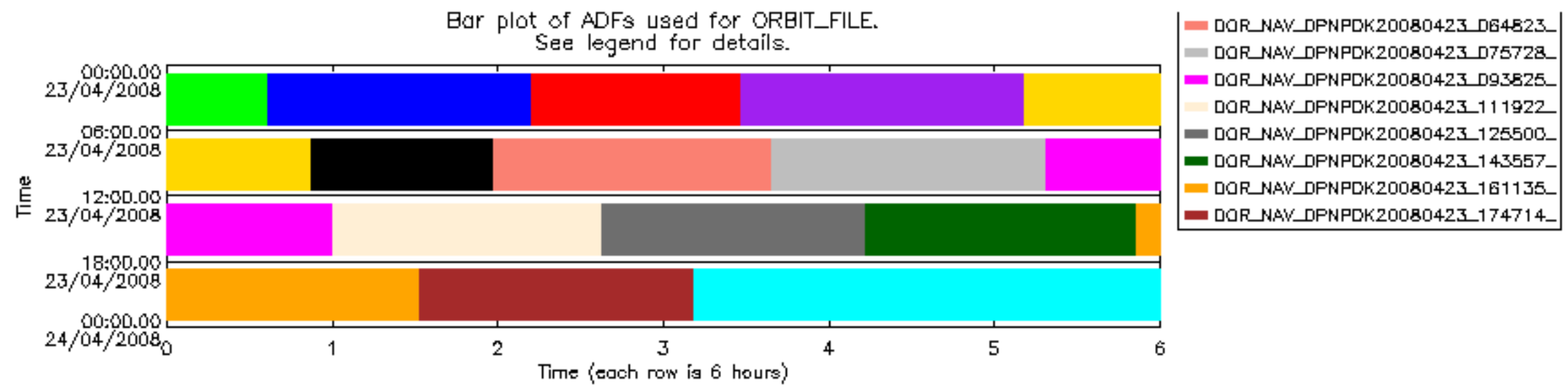


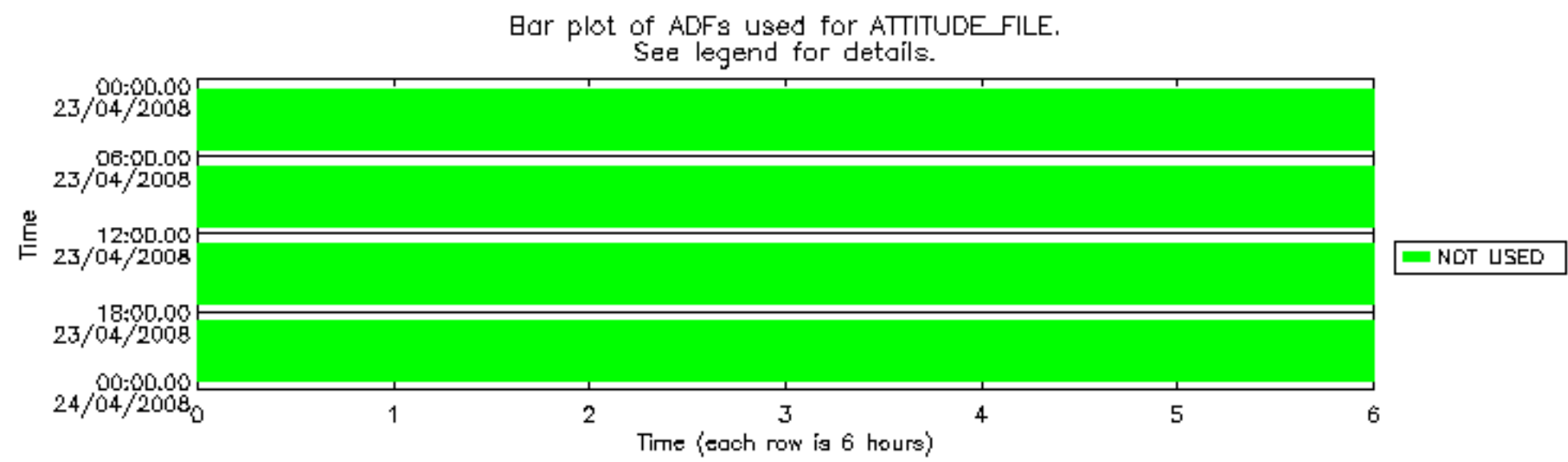












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 23APR2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

