

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	04APR2008 02:34:51
Data source version	SCIA/6.03-N
Processing scope for products	01APR2008 00:00:00 to 02APR2008 00:00:00
Start time of first product within scope	31MAR2008 23:22:03
Stop time of last product within scope	02APR2008 00:36:46
Total number of level 1 products	13
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__1PNPDE20080331_232203_000063892067_00202_31819_7218.N1	31MAR2008 23:22:03	01APR2008 01:08:32	0	35	46	1	0	4	15	0
1	SCI_NL__1PNPDE20080401_010334_000063932067_00203_31820_7291.N1	01APR2008 01:03:34	01APR2008 02:50:08	0	35	47	1	0	4	15	0
2	SCI_NL__1PNPDE20080401_024627_000063612067_00204_31821_7487.N1	01APR2008 02:46:27	01APR2008 04:32:28	0	35	45	1	0	4	15	0
3	SCI_NL__1PNPDK20080401_060942_000062812067_00206_31823_7313.N1	01APR2008 06:09:42	01APR2008 07:54:24	0	36	47	1	0	3	15	0
4	SCI_NL__1PNPDK20080401_075318_000059752067_00207_31824_7434.N1	01APR2008 07:53:18	01APR2008 09:32:53	0	33	44	1	0	3	15	0
5	SCI_NL__1PNPDK20080401_093149_000060242067_00208_31825_7492.N1	01APR2008 09:31:49	01APR2008 11:12:14	0	33	45	1	0	3	15	0
6	SCI_NL__1PNPDK20080401_111116_000060392067_00209_31826_7632.N1	01APR2008 11:11:16	01APR2008 12:51:56	0	33	45	1	0	3	15	0
7	SCI_NL__1PNPDK20080401_125056_000058782067_00210_31827_7863.N1	01APR2008 12:50:56	01APR2008 14:28:54	0	32	44	1	0	3	15	0
8	SCI_NL__1PNPDK20080401_142722_000059622067_00211_31828_7952.N1	01APR2008 14:27:22	01APR2008 16:06:45	0	33	45	1	0	2	15	0
9	SCI_NL__1PNPDK20080401_174327_000060502067_00213_31830_8283.N1	01APR2008 17:43:27	01APR2008 19:24:18	0	34	43	1	3	3	15	0
10	SCI_NL__1PNPDK20080401_192234_000062042067_00214_31831_8424.N1	01APR2008 19:22:34	01APR2008 21:05:58	0	35	47	1	0	3	15	0
11	SCI_NL__1PNPDK20080401_210344_000062512067_00215_31832_8558.N1	01APR2008 21:03:44	01APR2008 22:47:55	0	35	47	1	0	3	15	0
12	SCI_NL__1PNPDE20080401_224611_000066352067_00216_31833_8159.N1	01APR2008 22:46:11	02APR2008 00:36:46	0	36	48	1	0	4	15	0

1.2 Product Quality Indicators

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

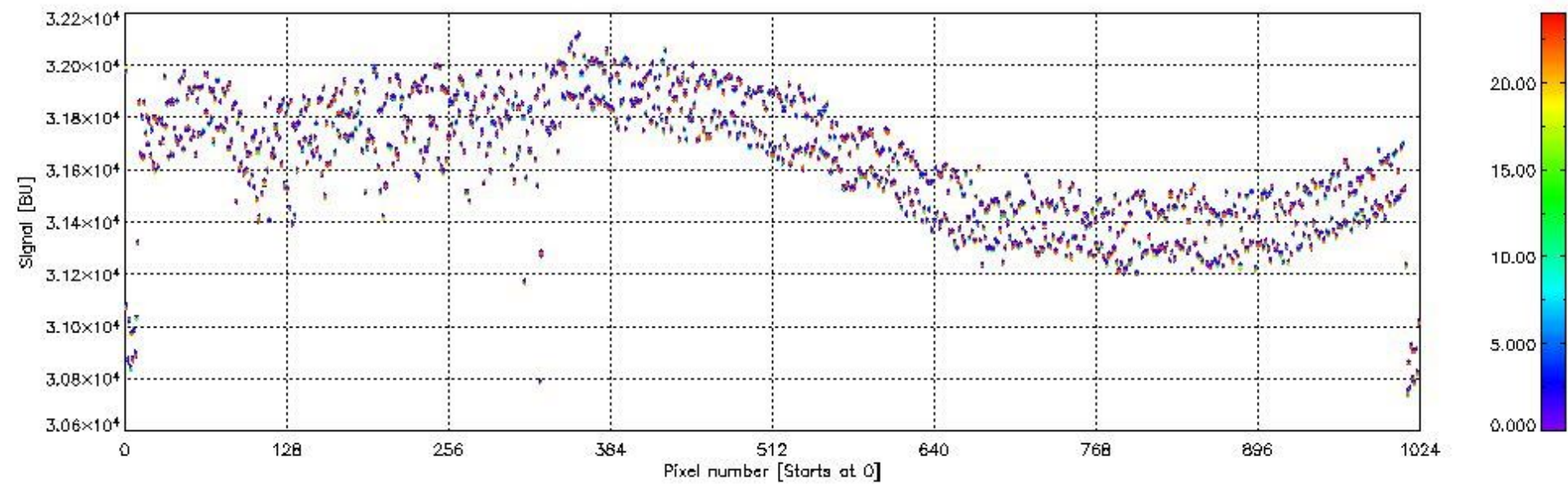
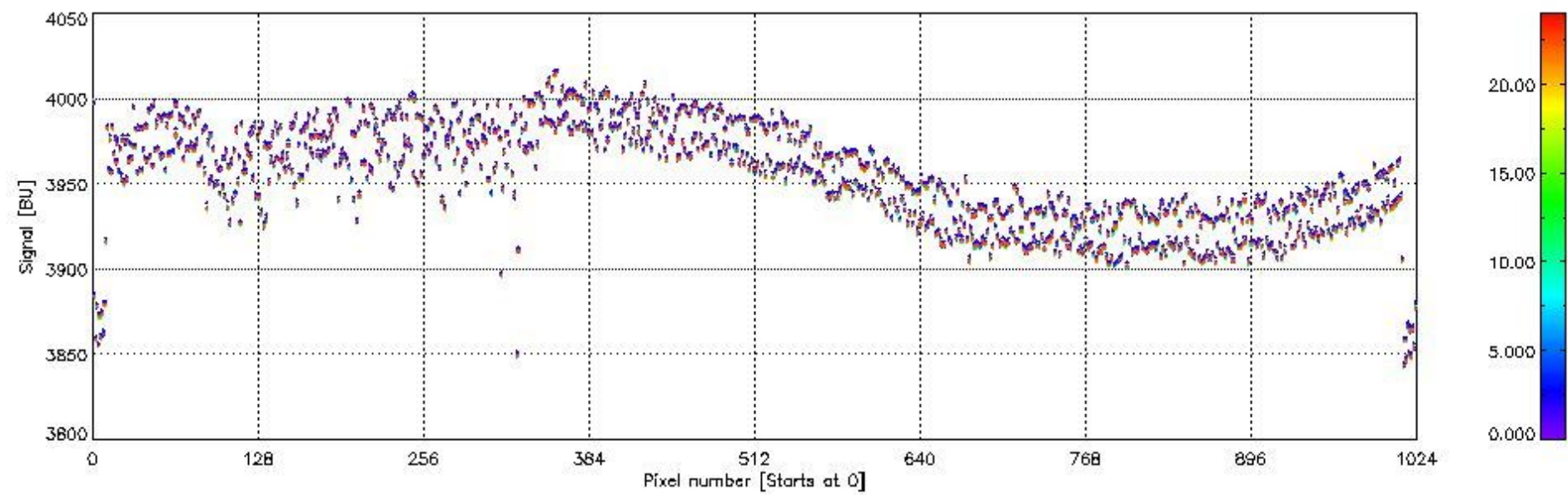
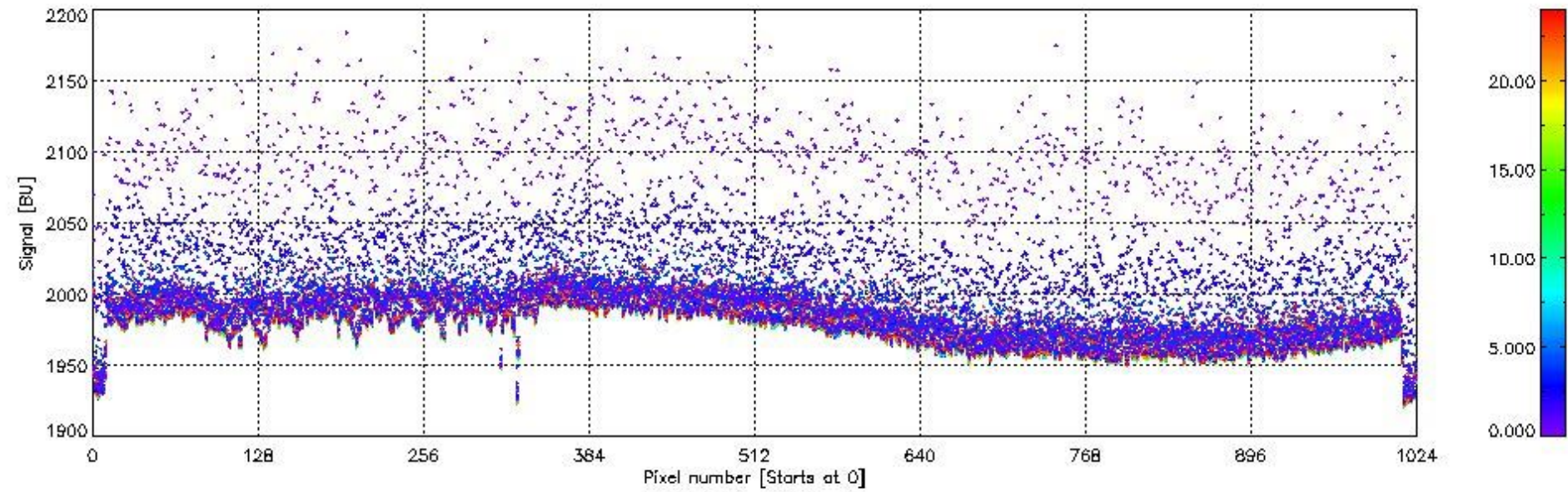
The following data items are currently included into this section:

- Dark measurements (if available)
- New leakage current parameters (if available)
- New spectral calibration parameters (if available)
- New sun reference spectrum (if available)
- New PPG/Etalon parameters (if available)

1.2.1 Dark measurements overview

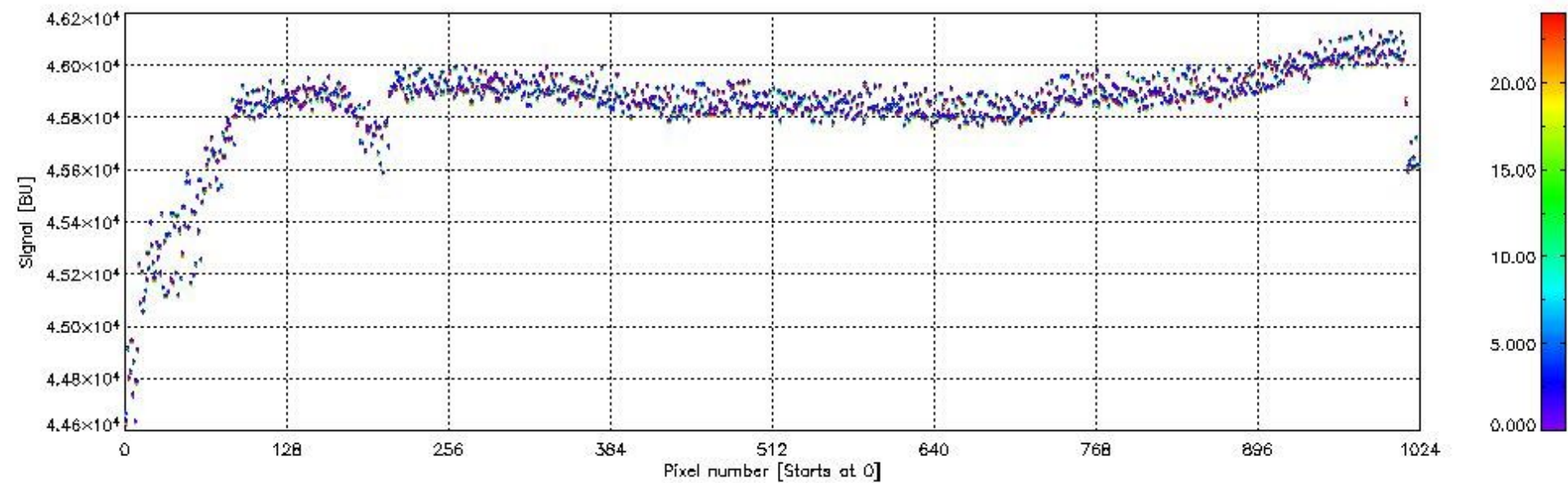
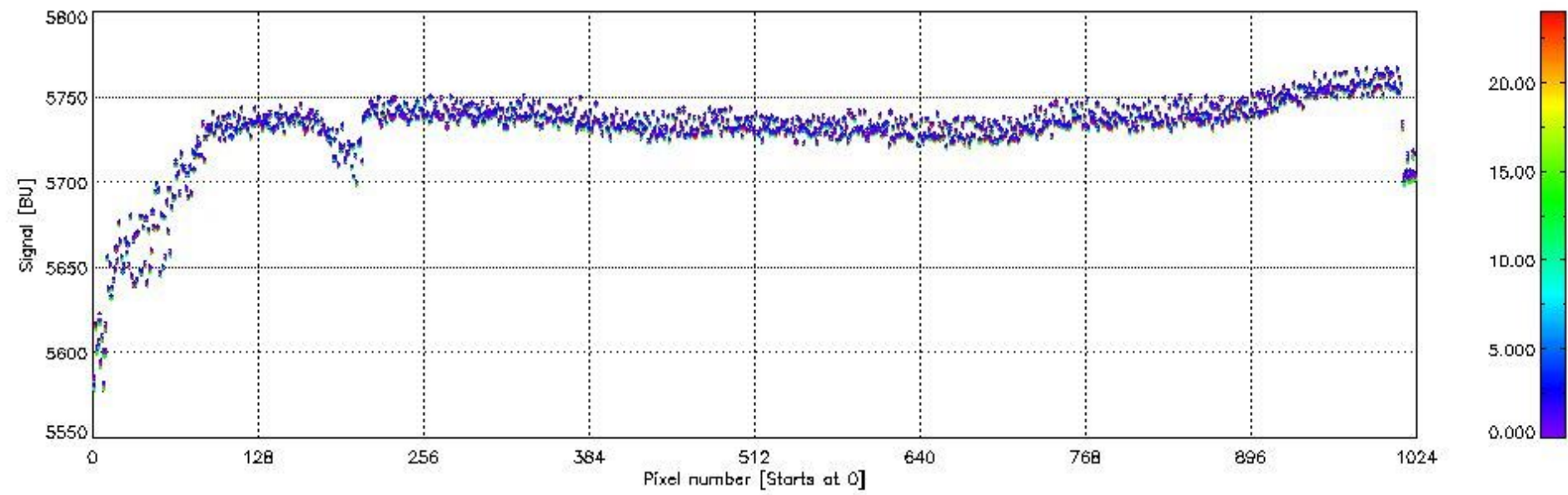
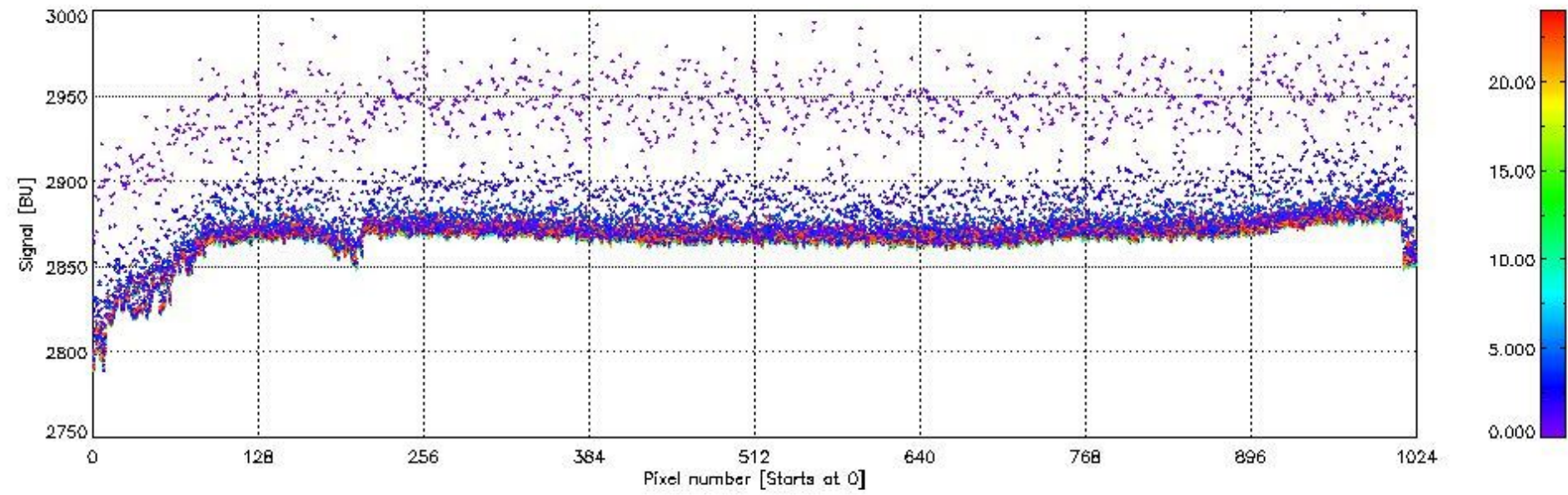
This section lists properties of the dark measurements performed within the processing scope.

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



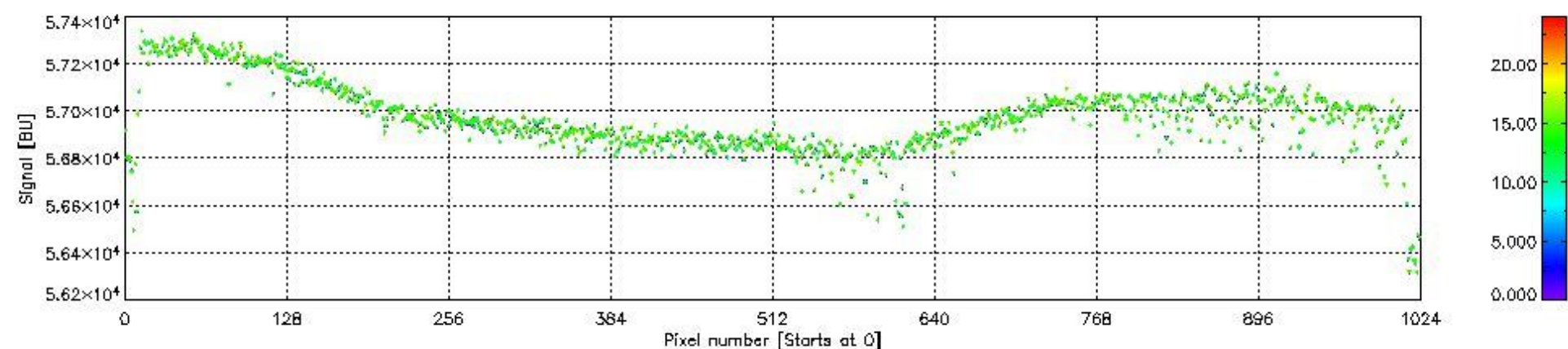
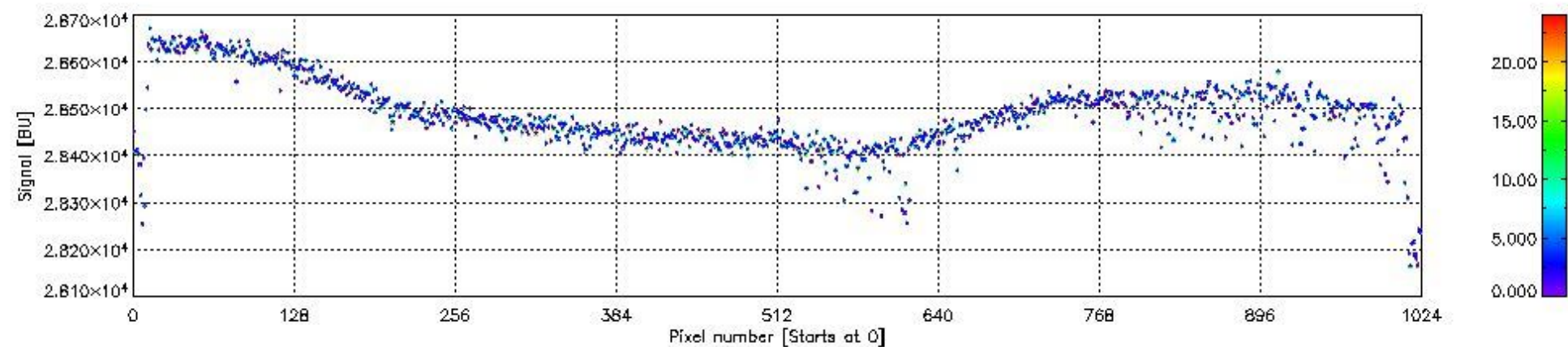
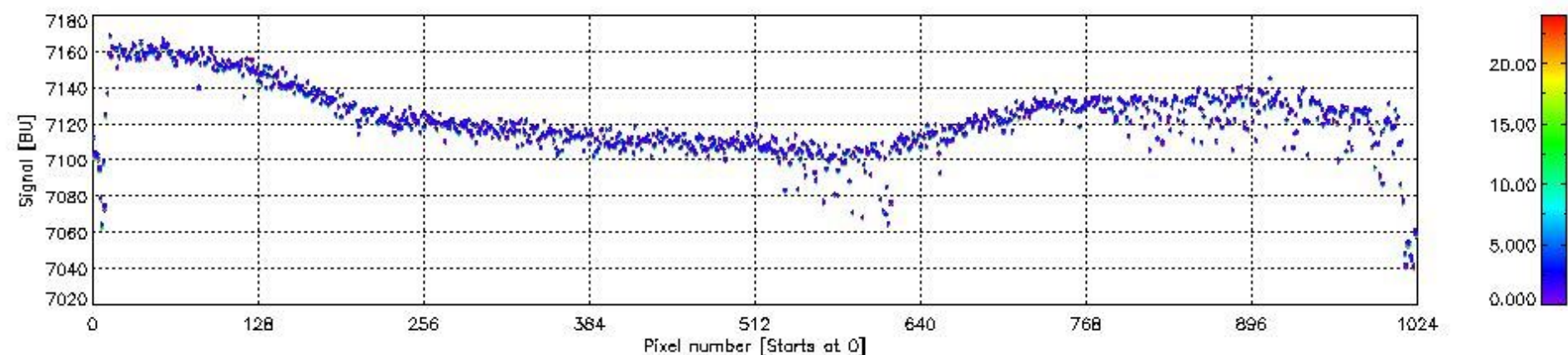
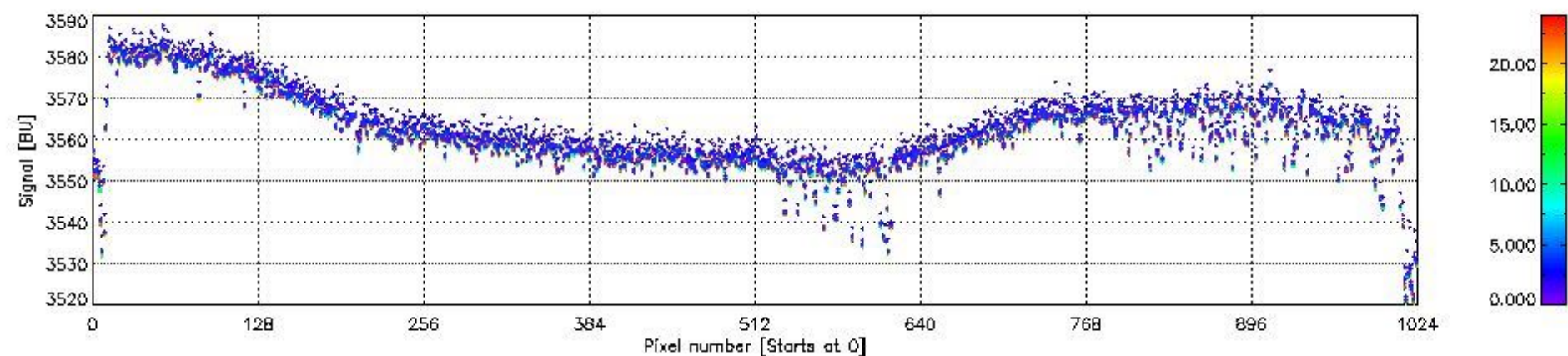
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_0.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



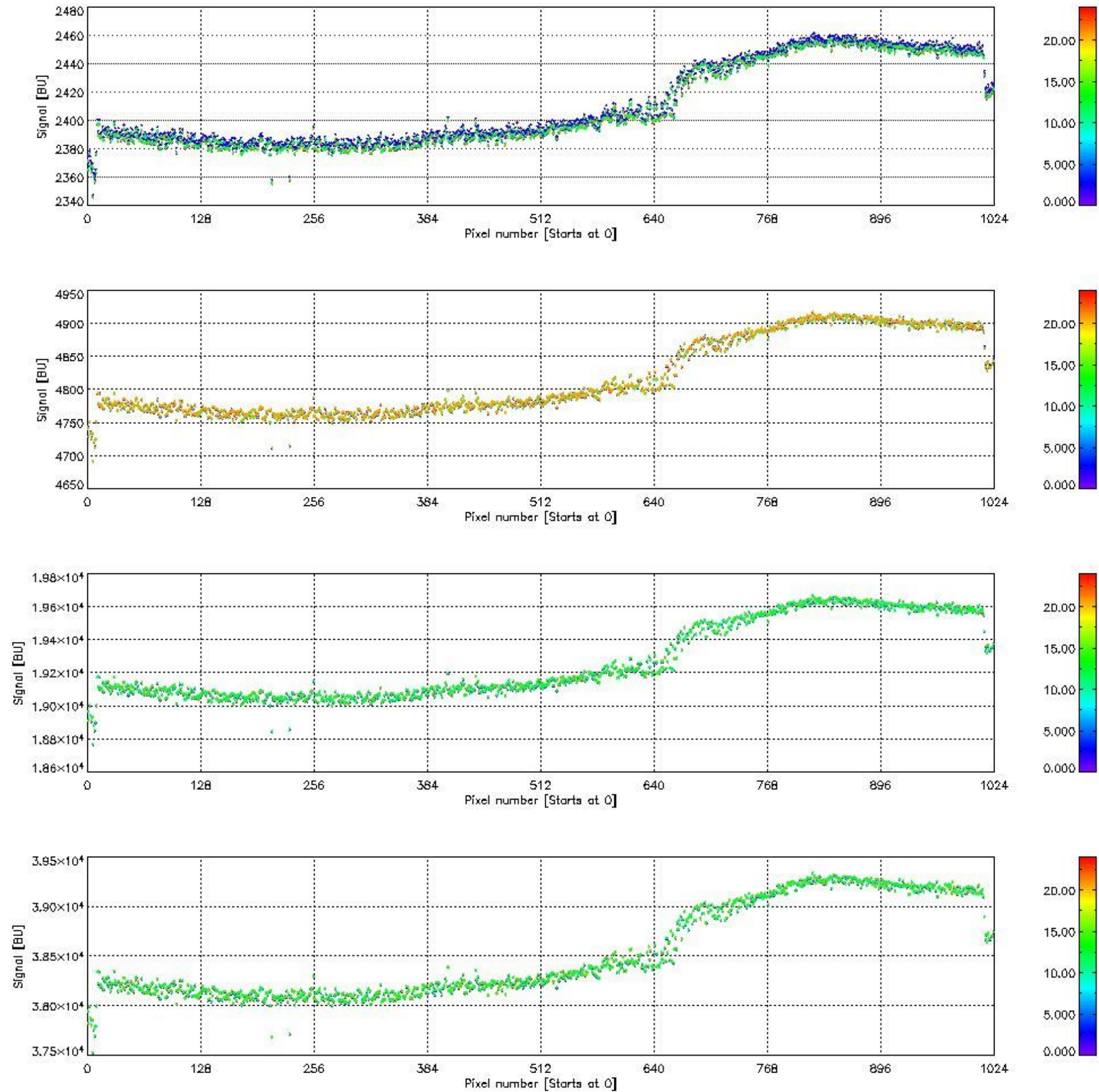
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_1.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



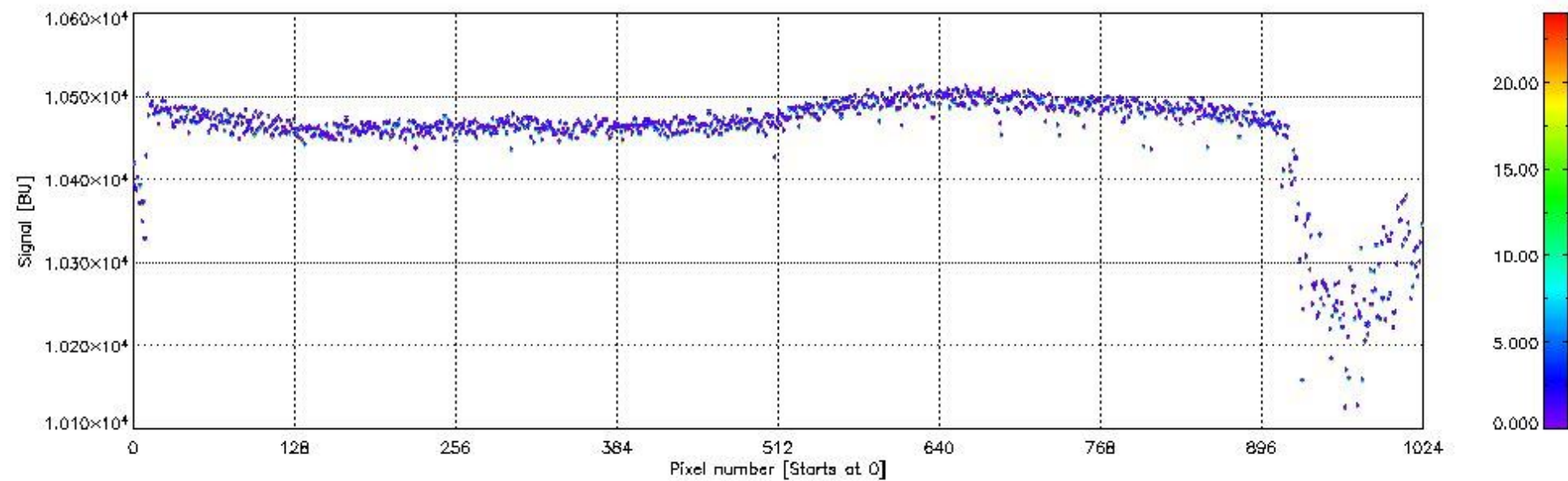
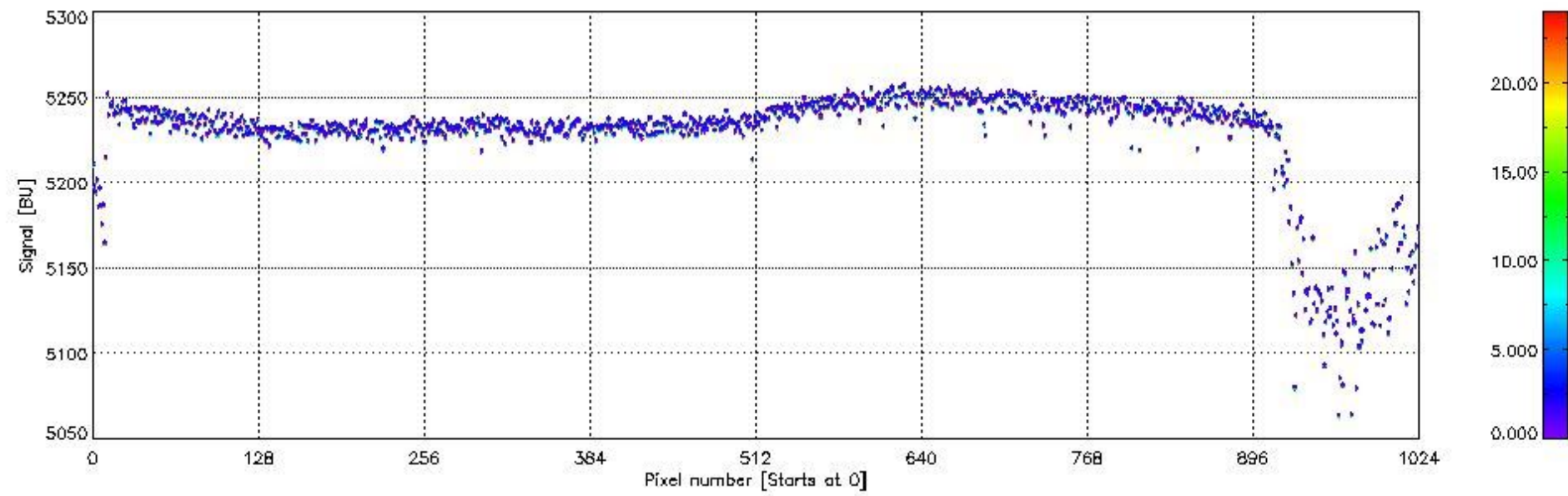
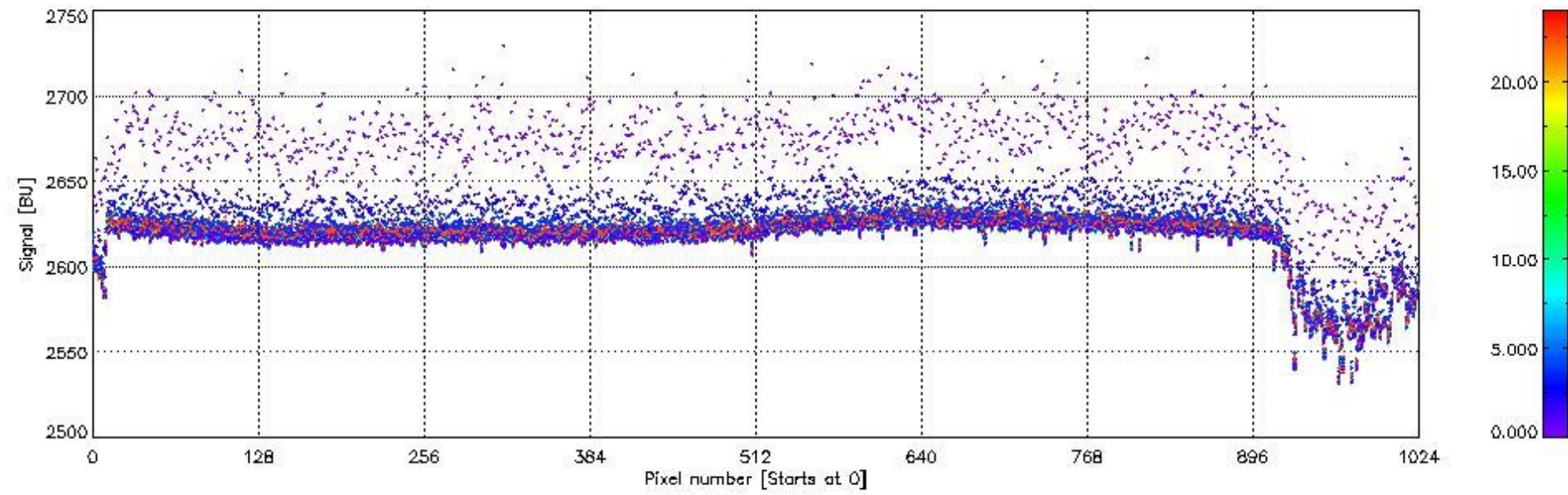
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_2.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



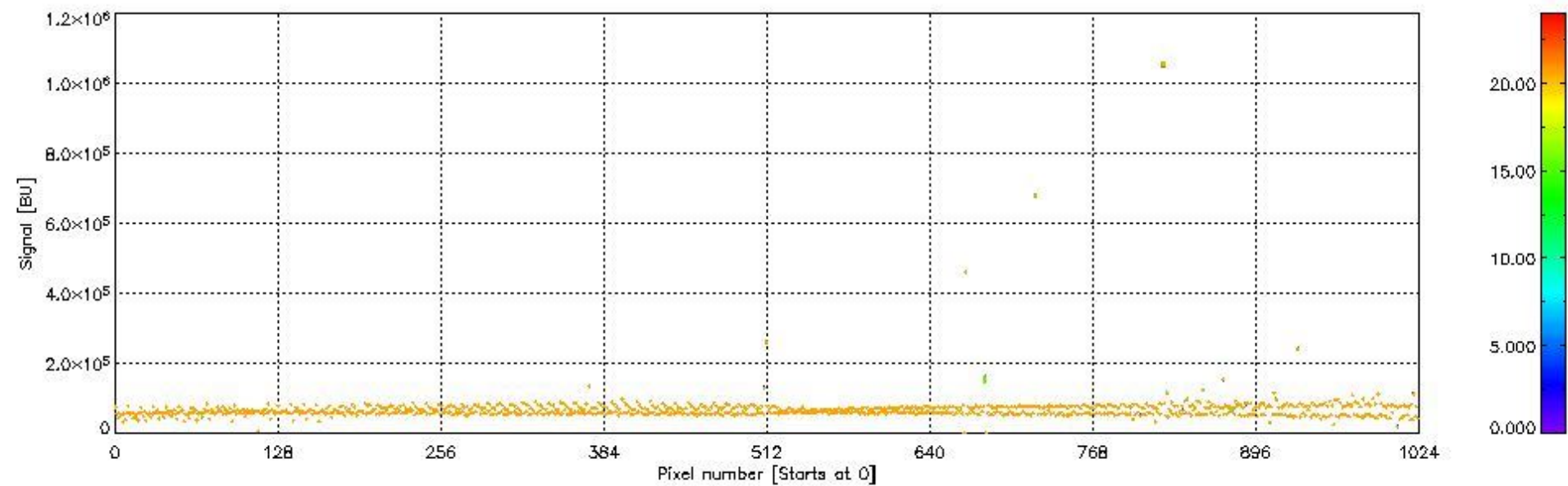
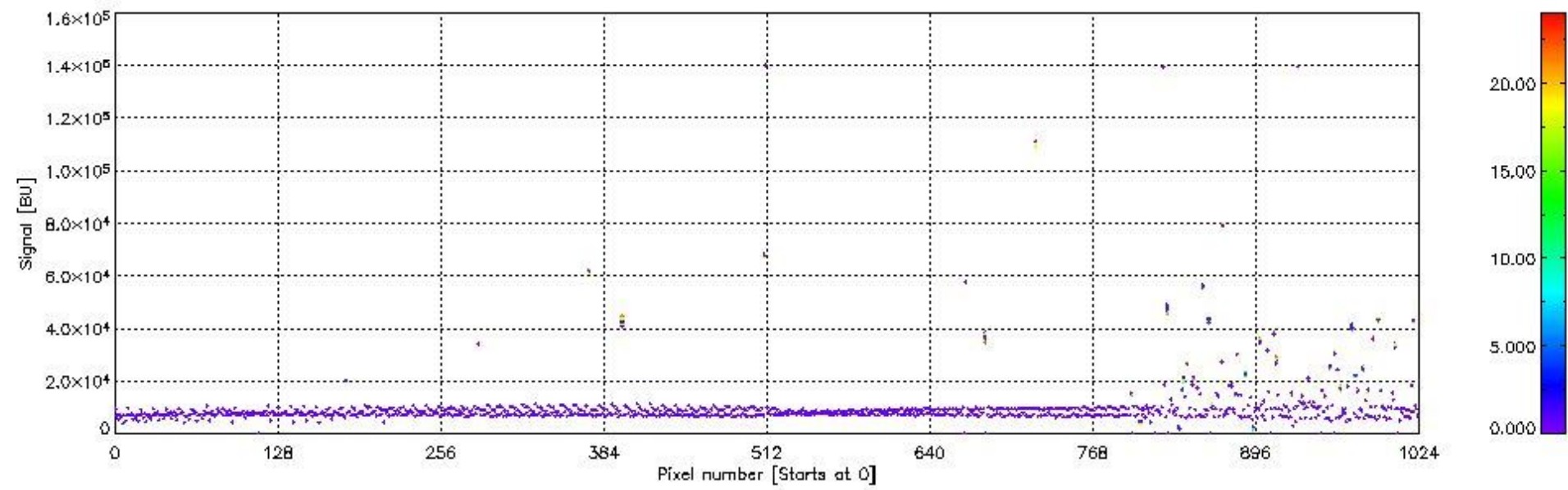
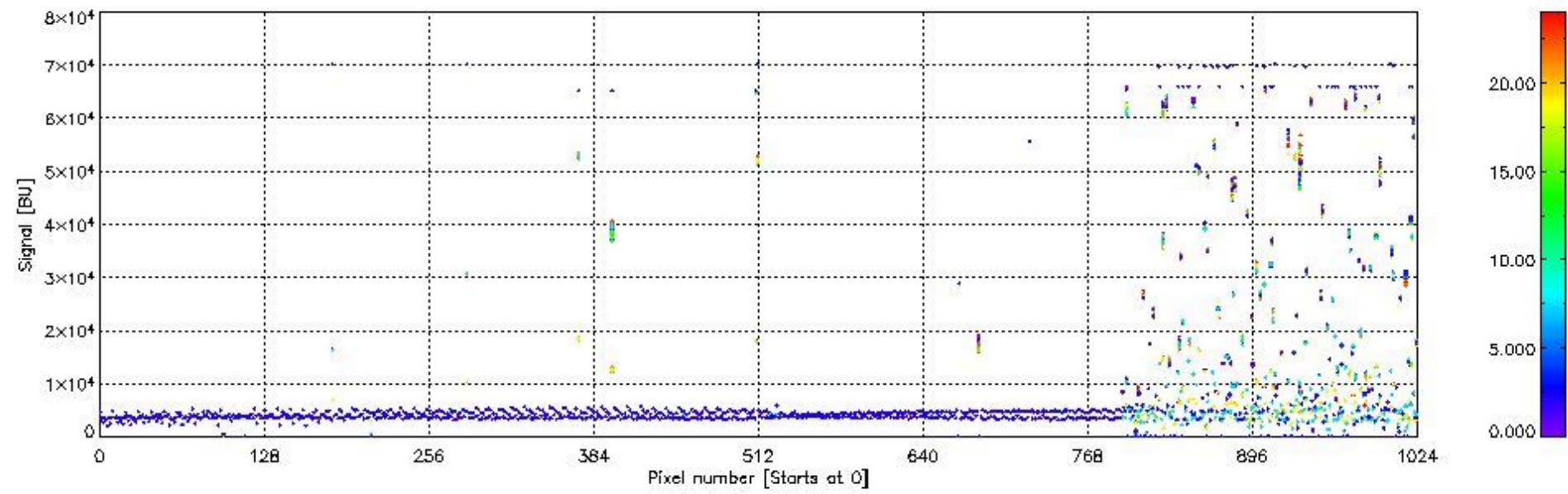
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_3.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



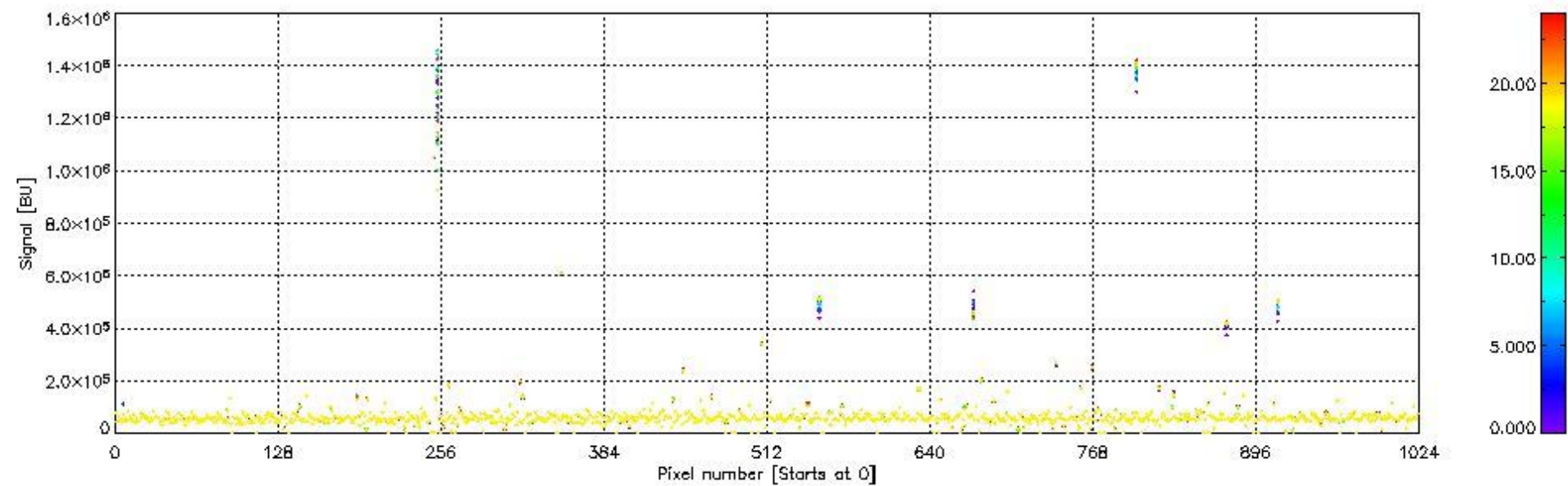
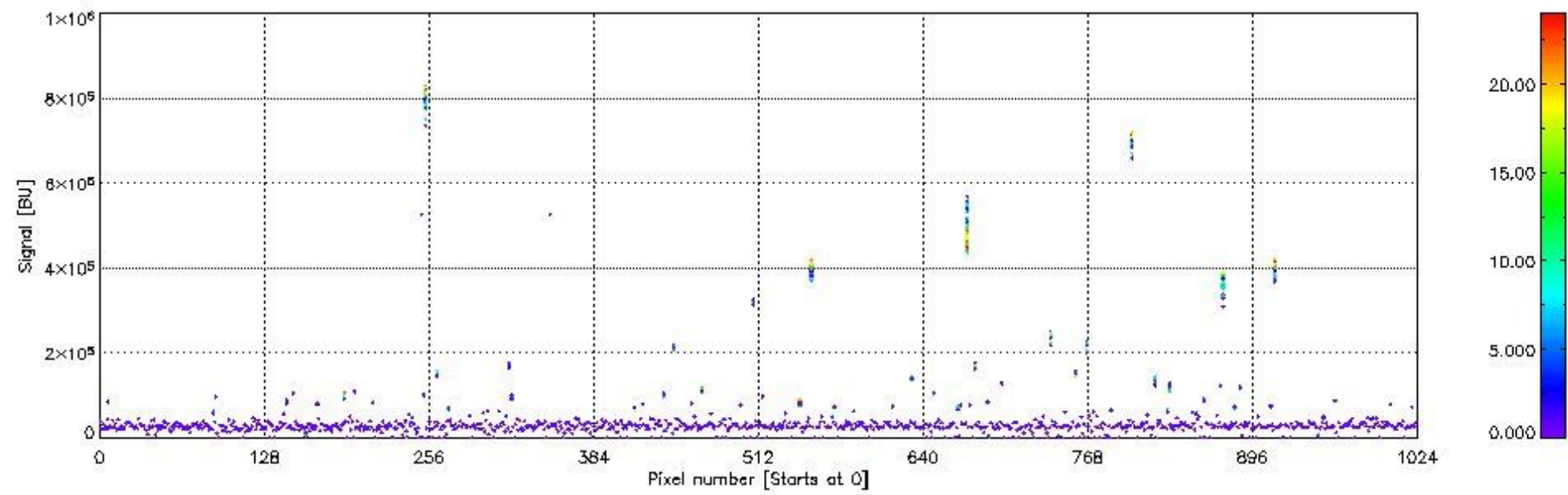
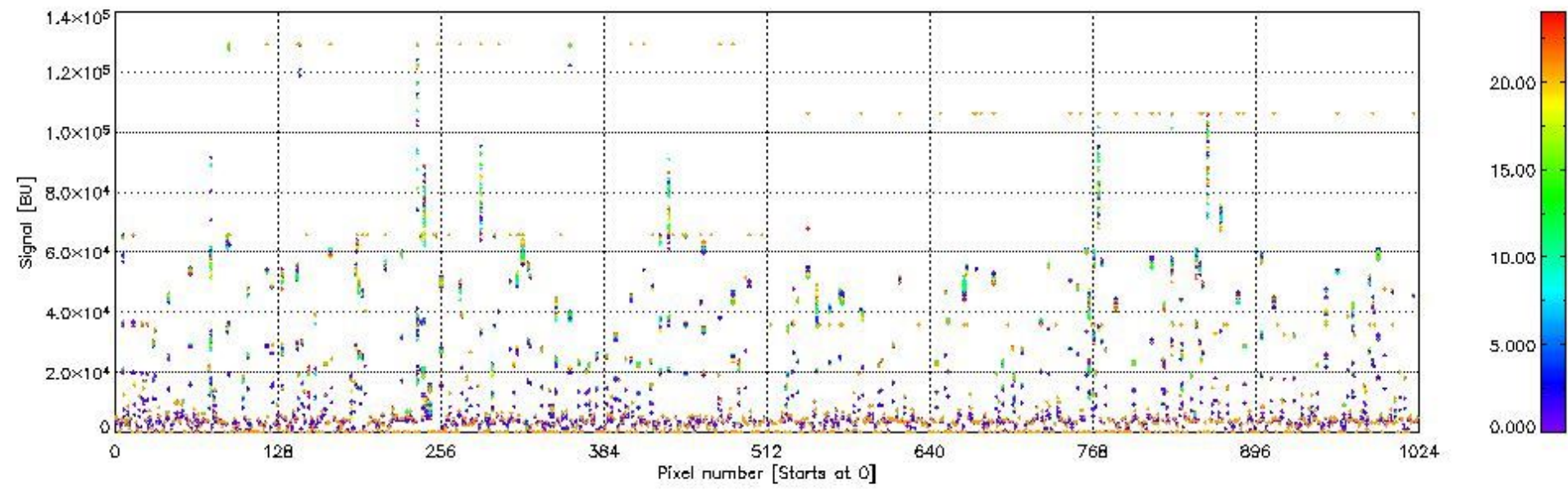
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_4.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



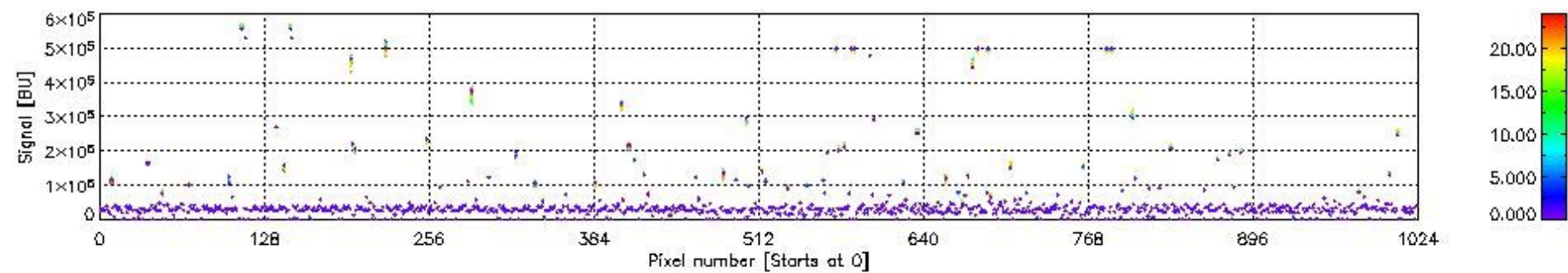
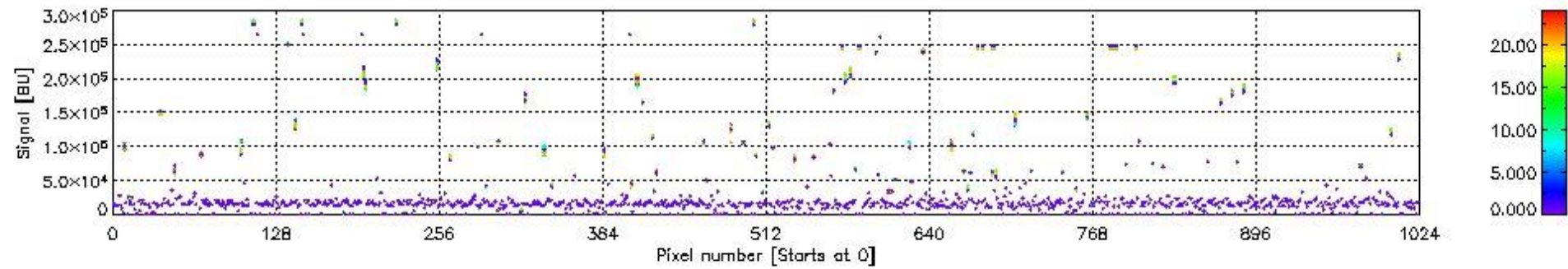
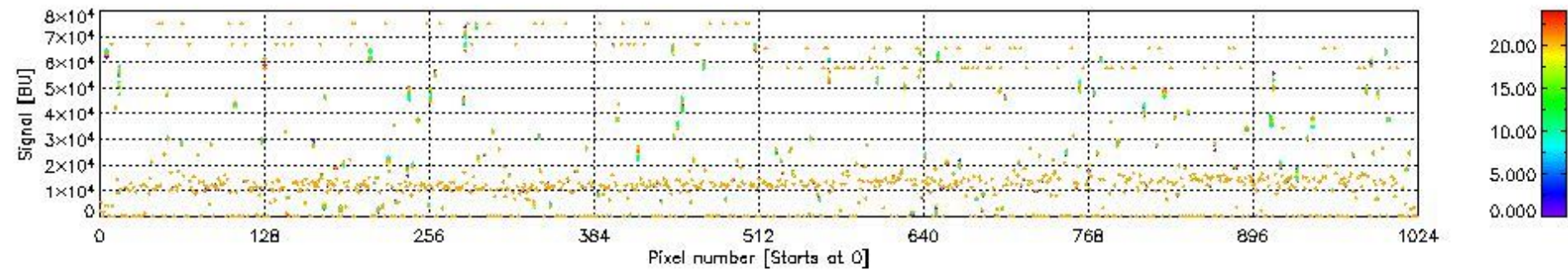
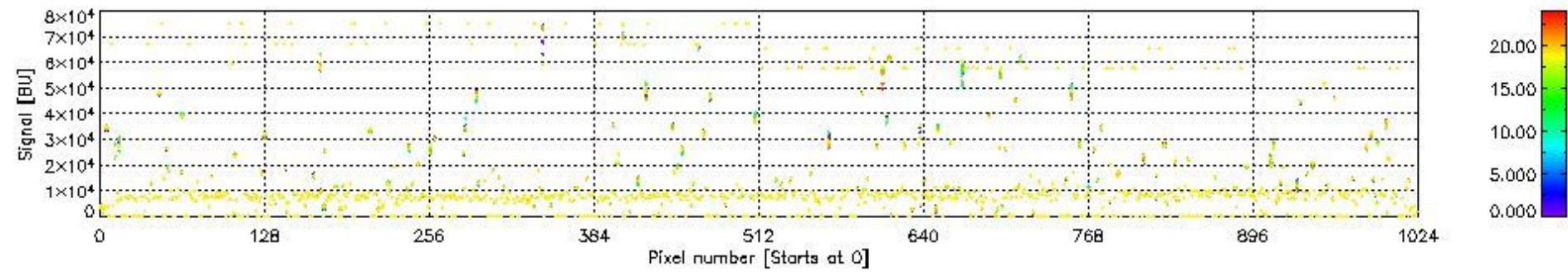
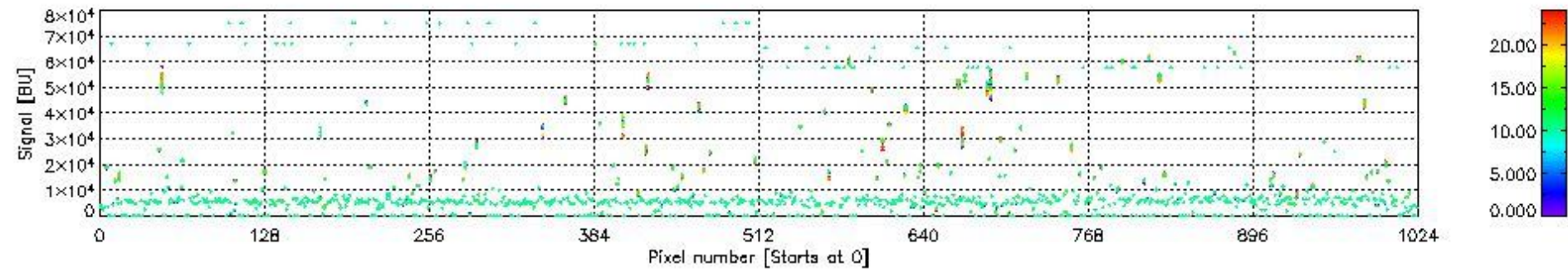
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_5.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



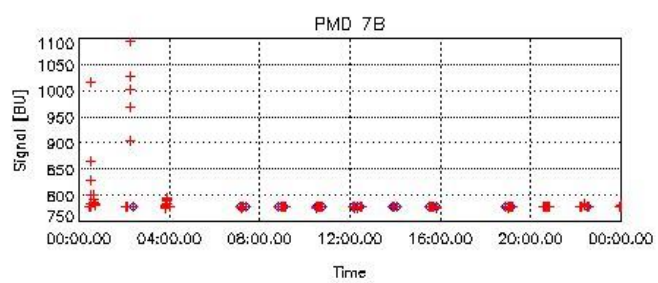
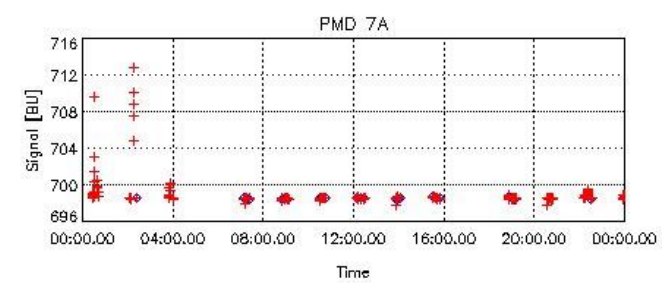
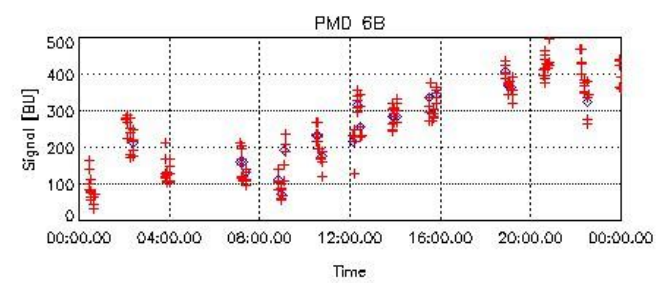
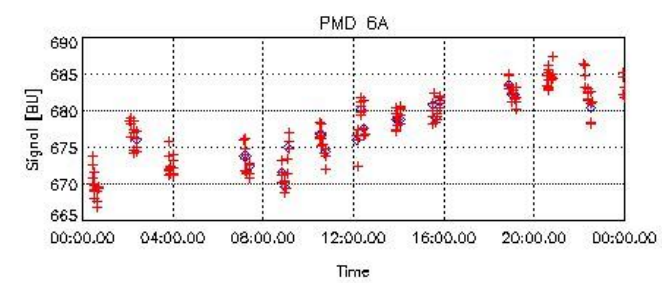
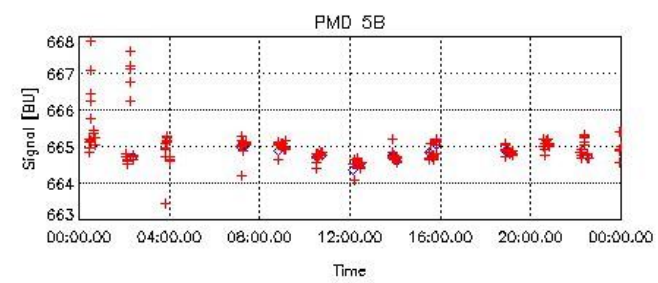
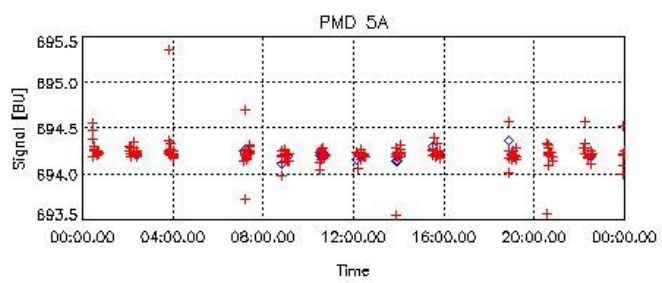
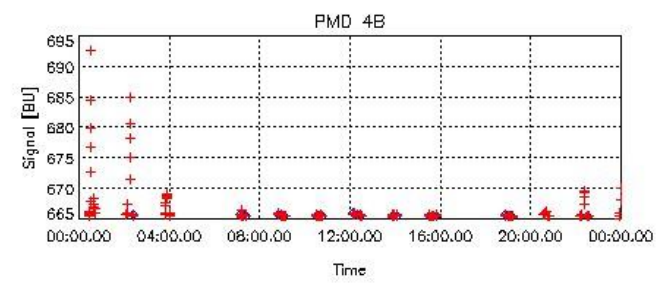
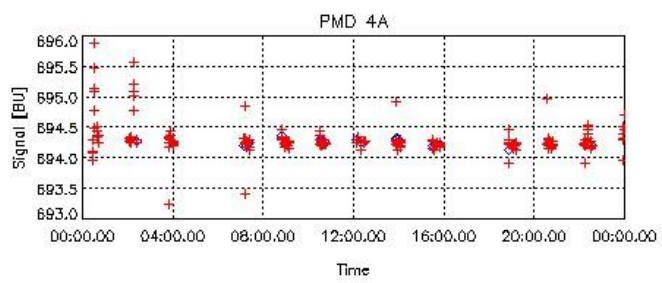
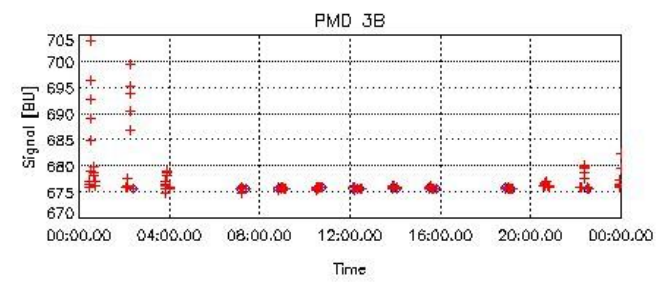
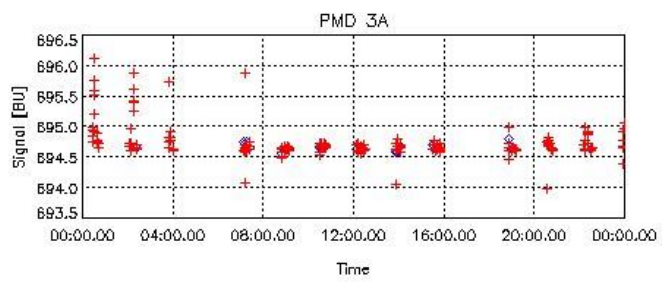
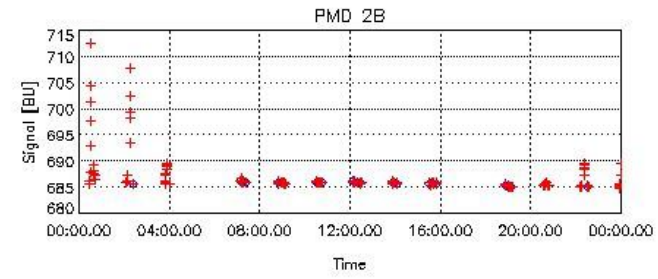
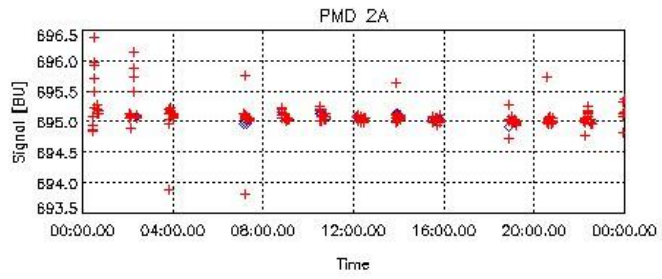
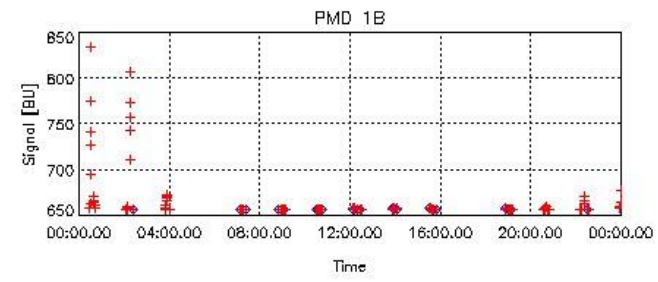
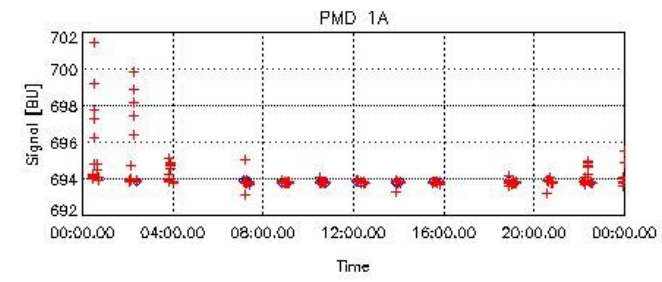
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_6.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00

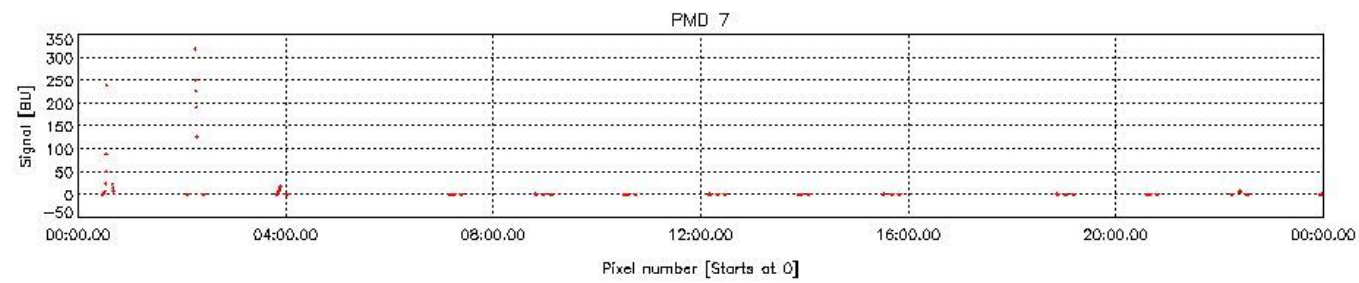
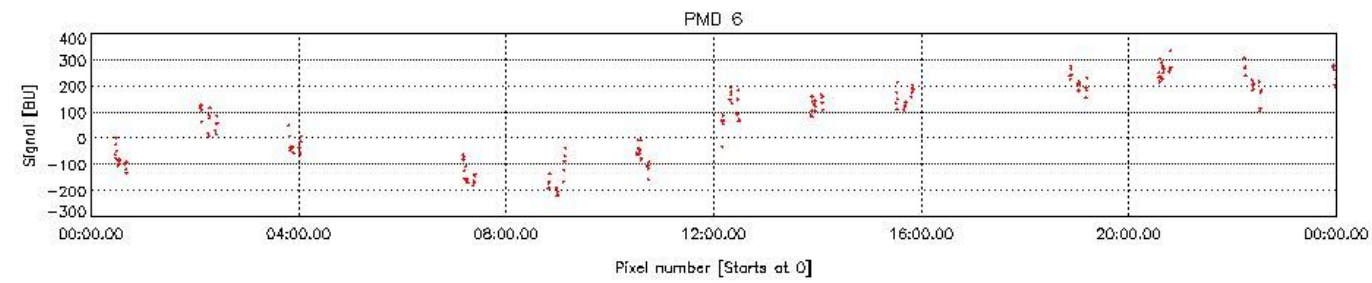
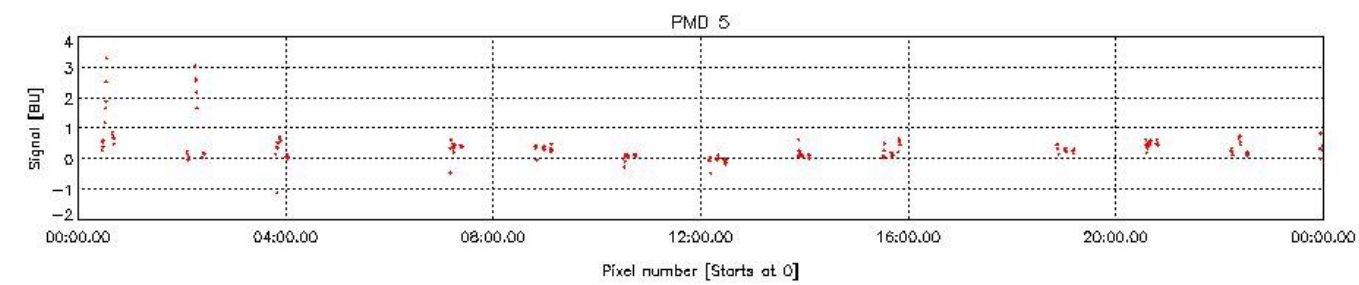
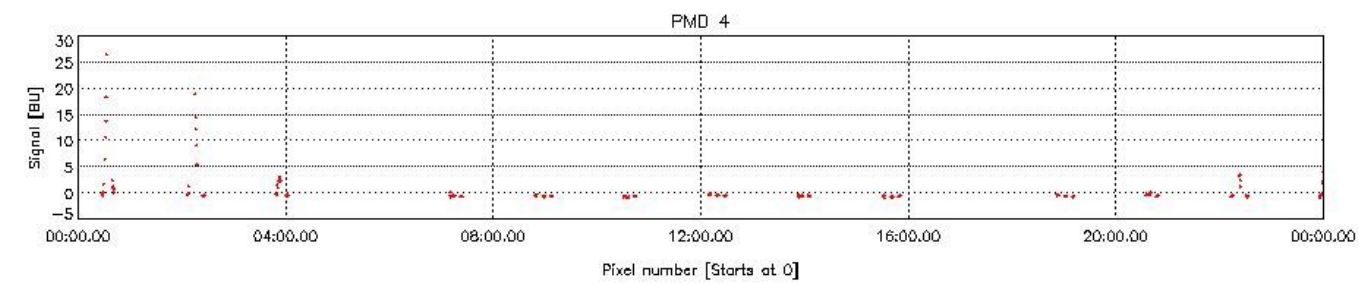
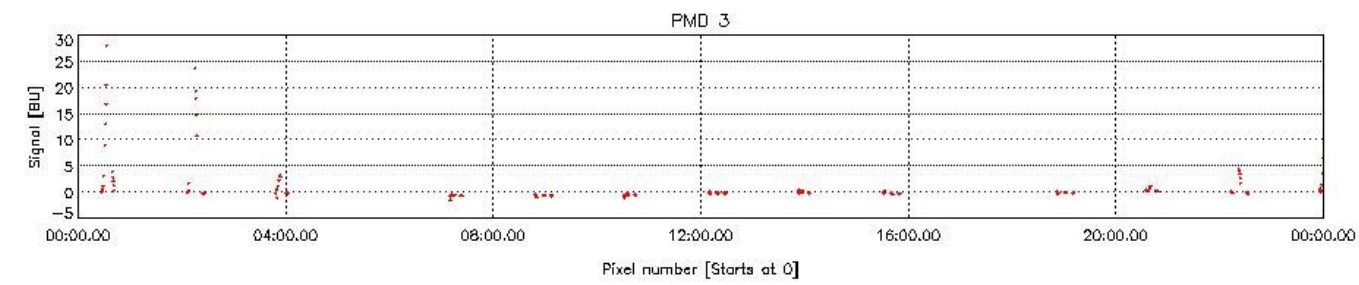
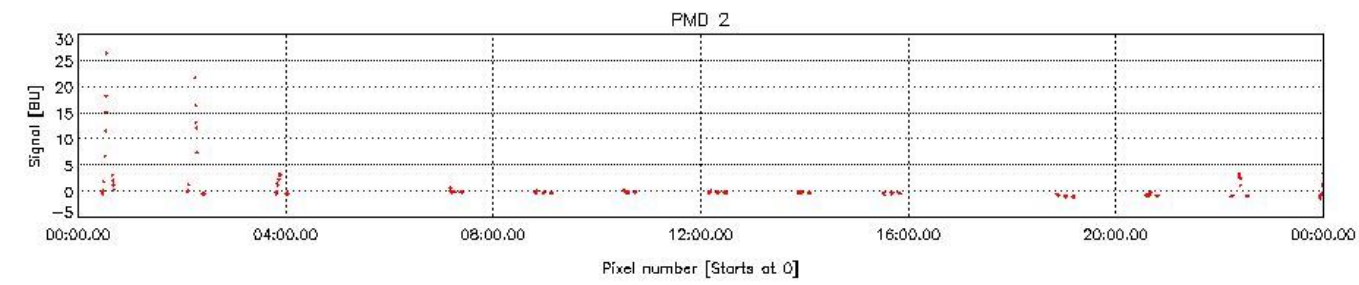
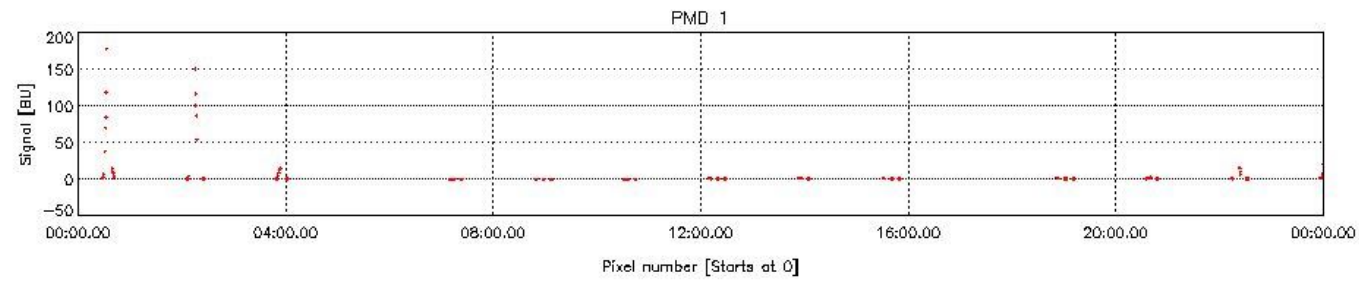


sciamachy_daily_report_level1_SCIA_6_03_N_20080401_7.PNG

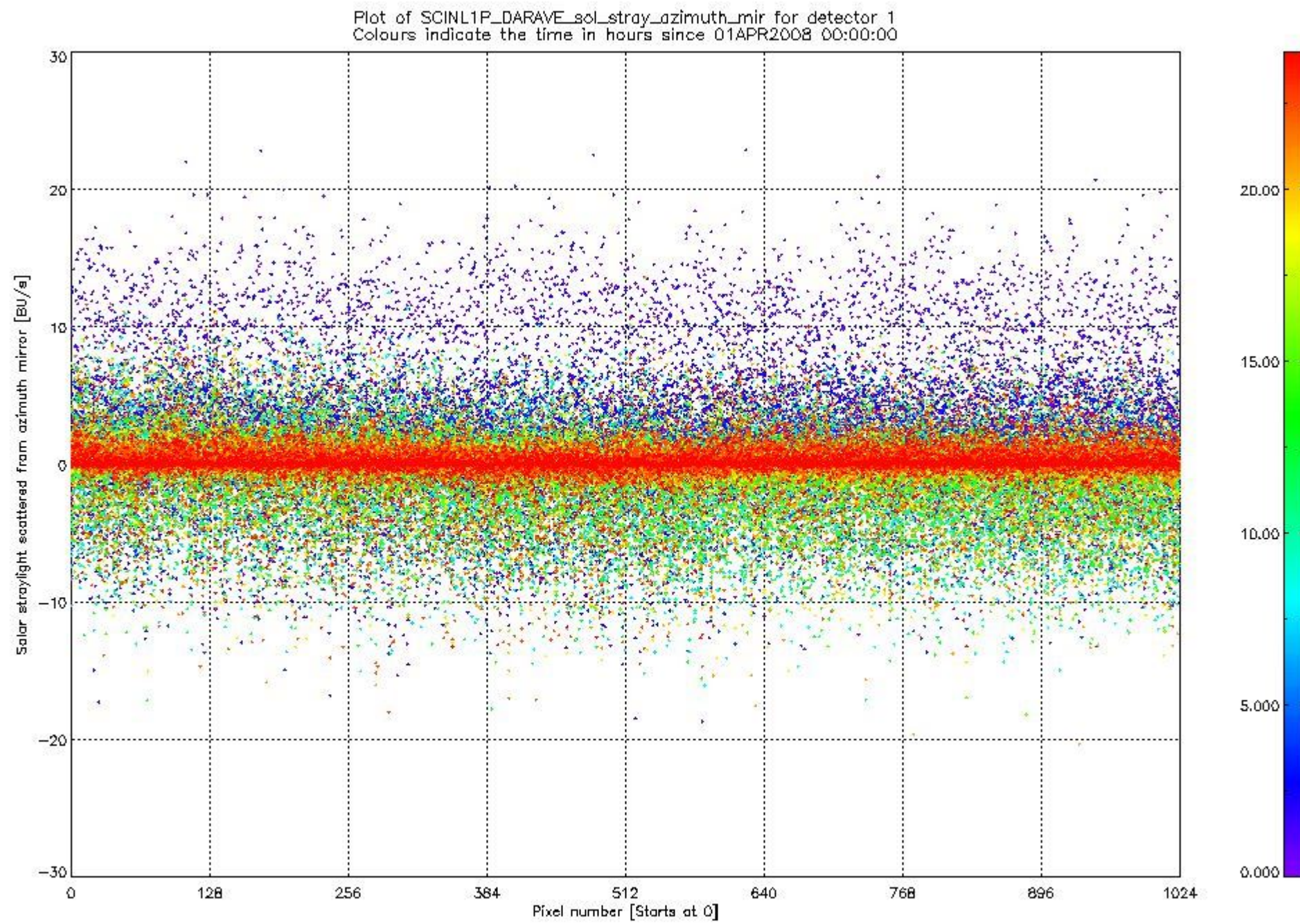
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 01APR2008 (red).
New leakage current offset data is given in blue for comparison.



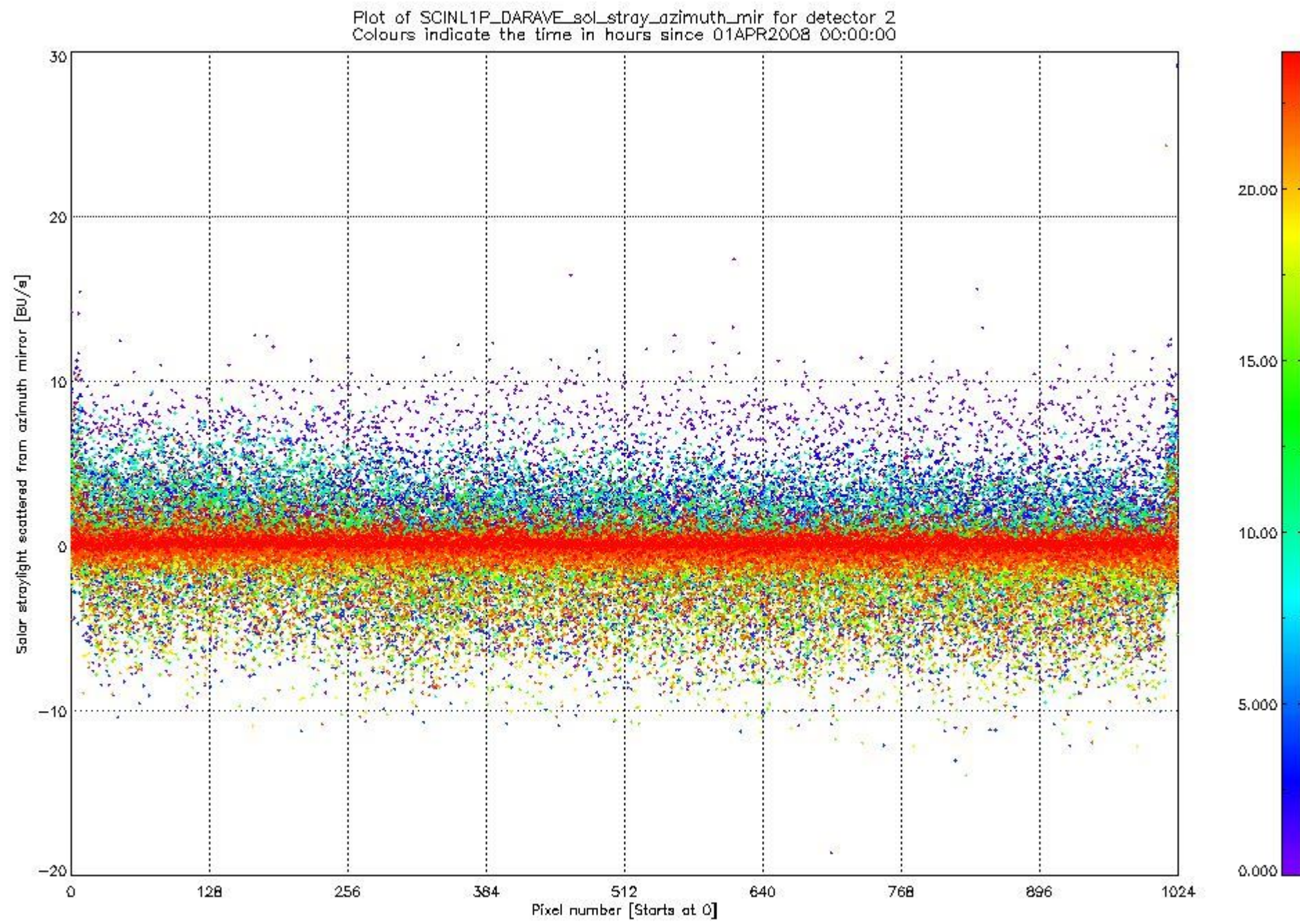
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_8.PNG



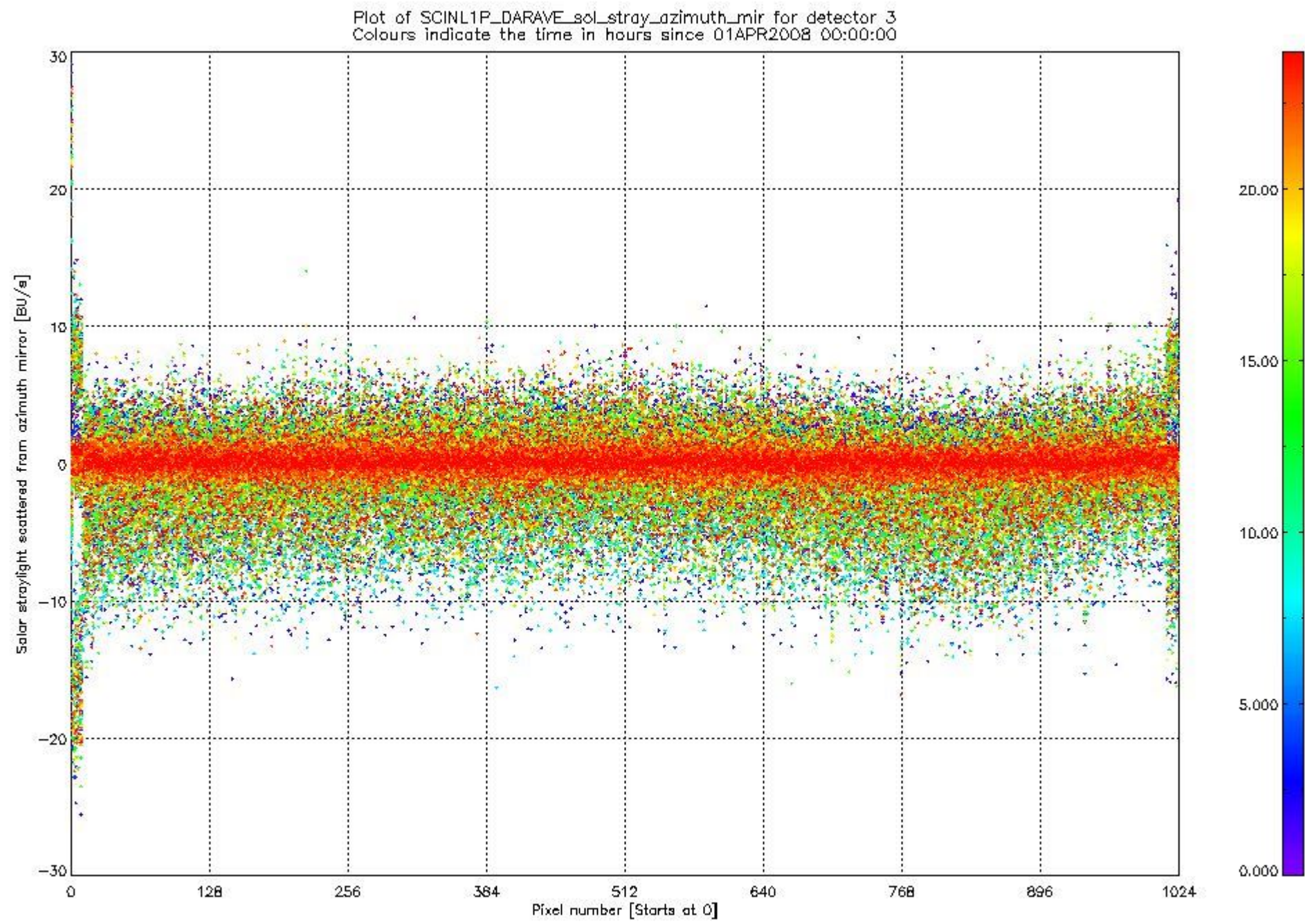
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_9.PNG



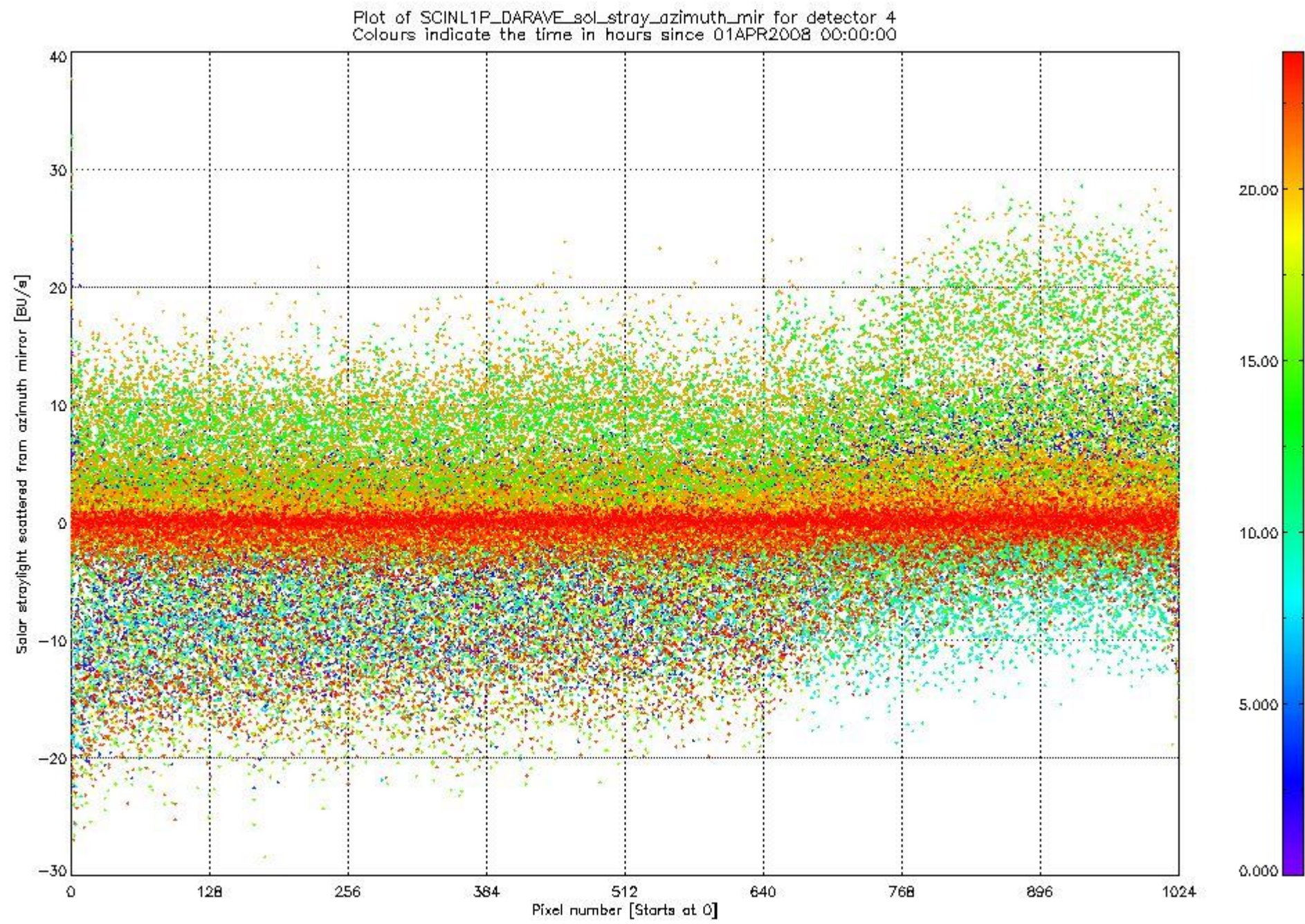
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_10.PNG



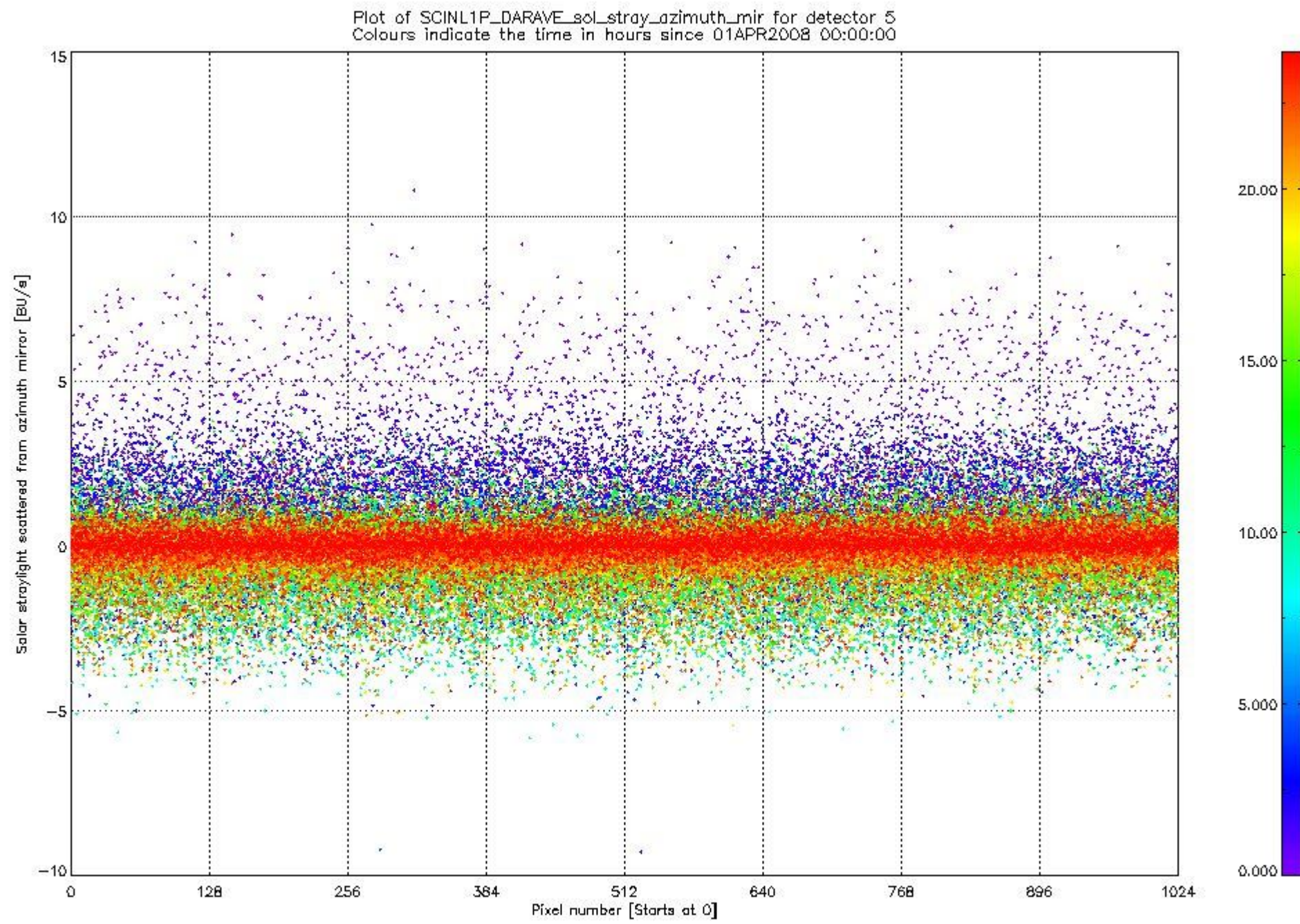
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_11.PNG



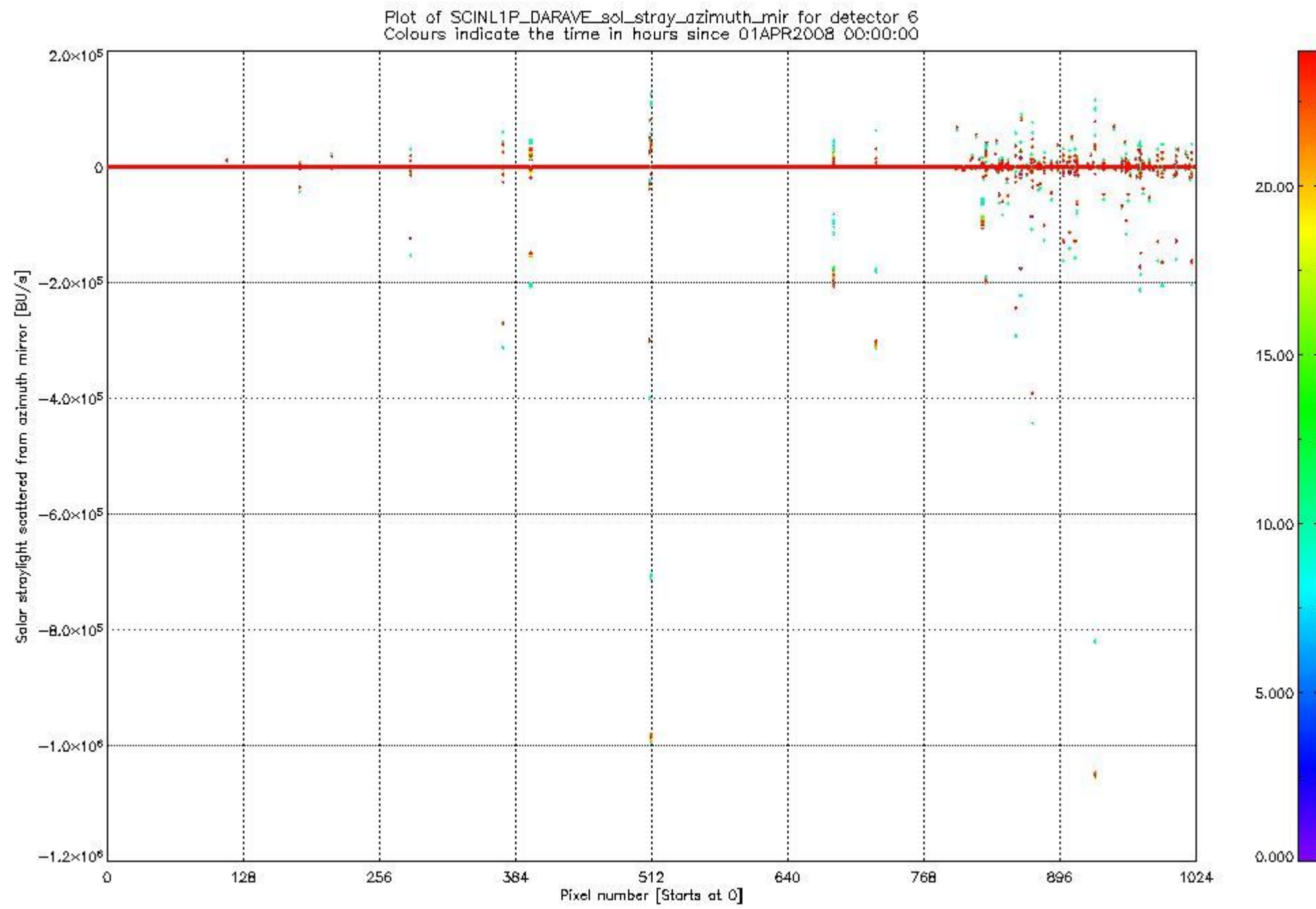
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_12.PNG



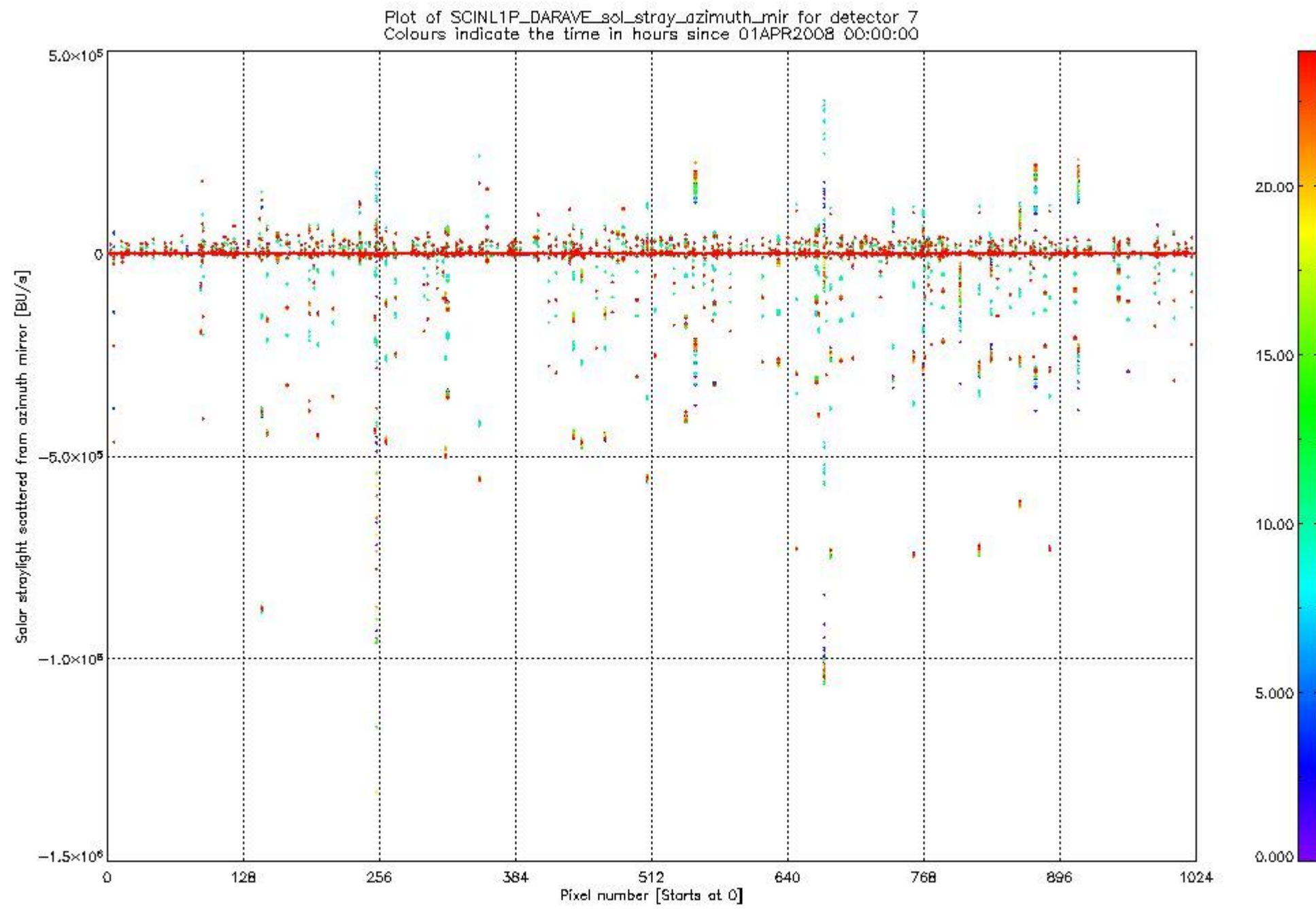
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_13.PNG



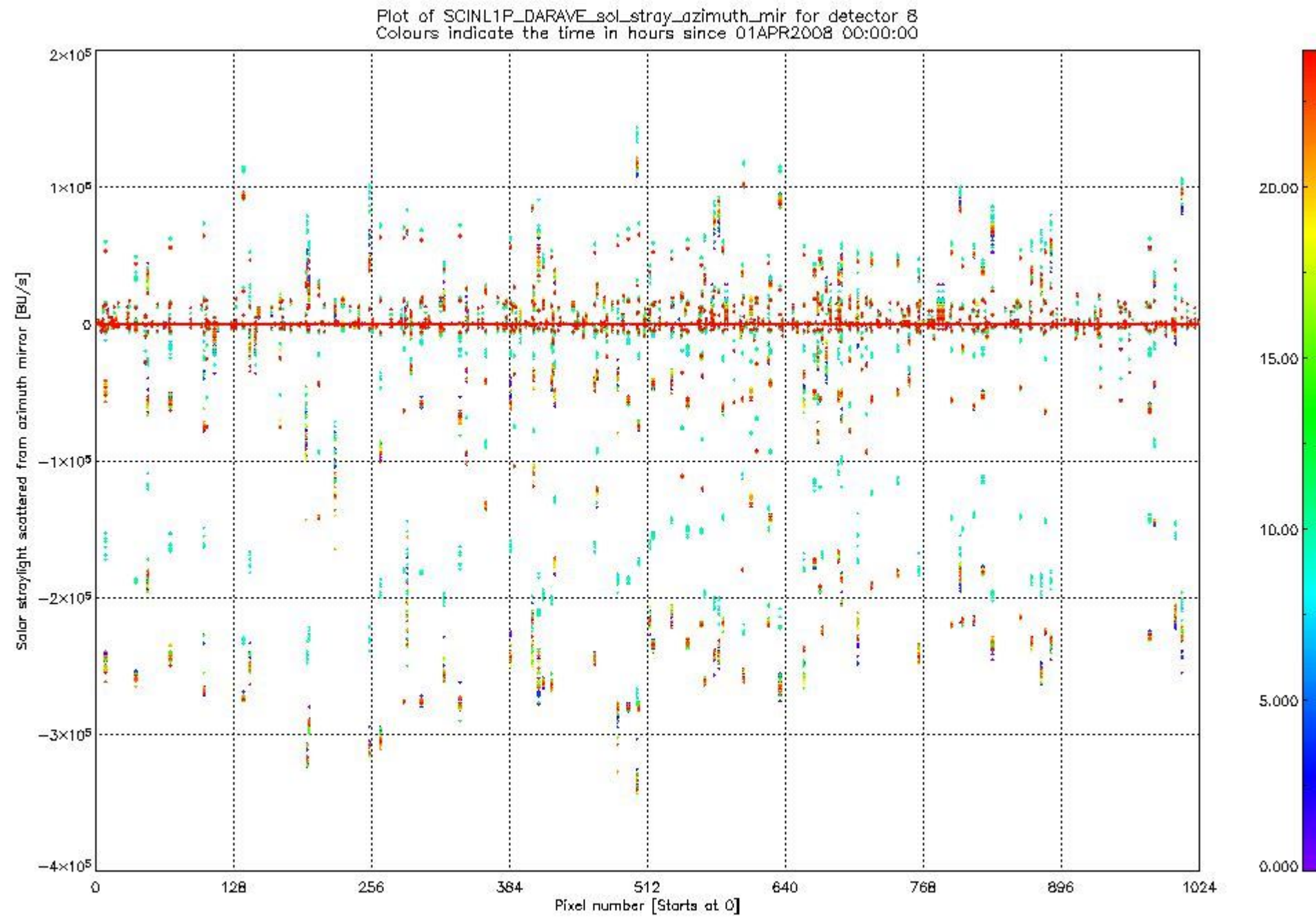
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_14.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_15.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_16.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_17.PNG

1.2.2 New leakage current parameters

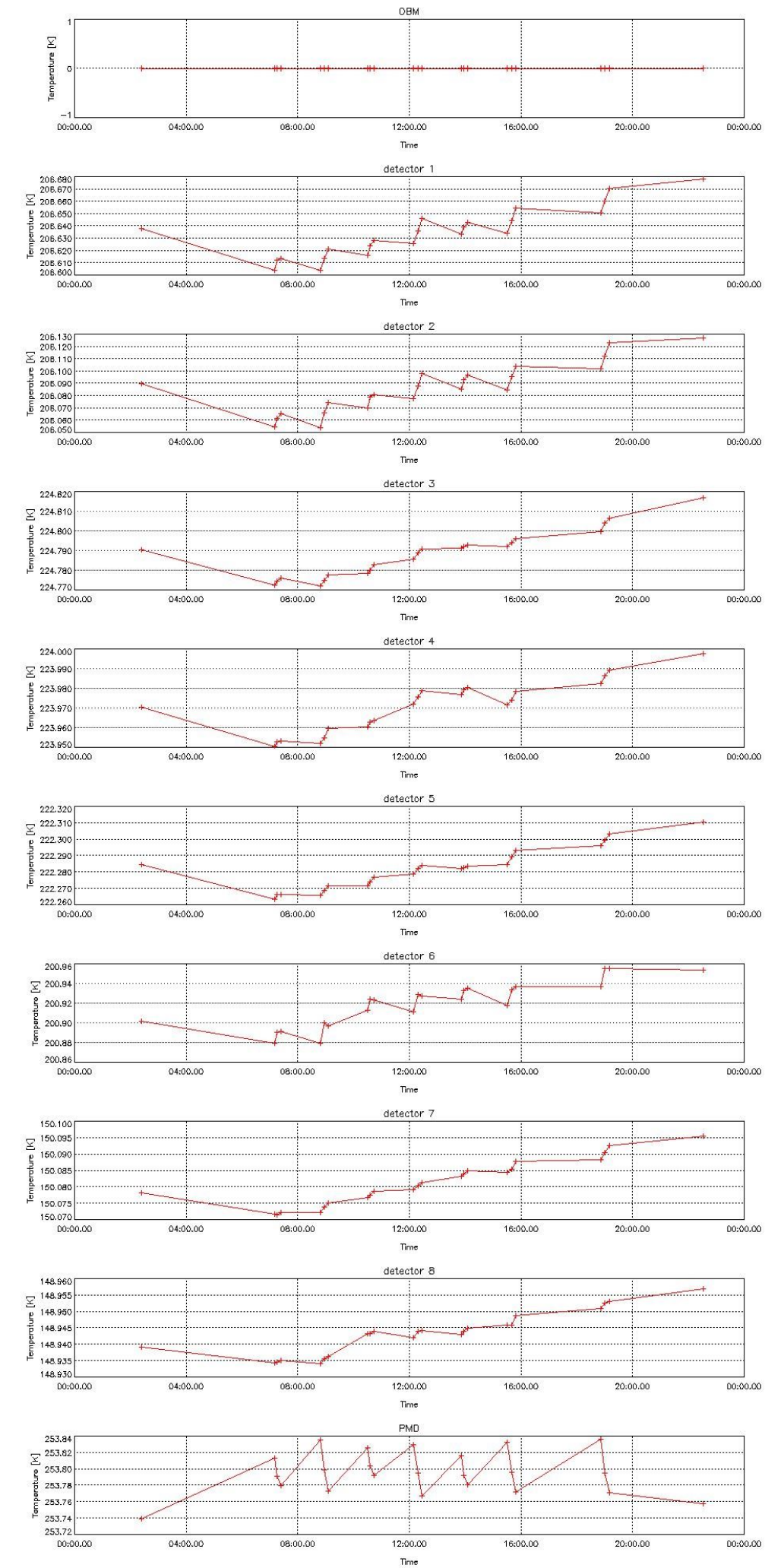
This section lists properties of the new leakage current data within the processing scope.

The following table shows the new leakage measurement data characteristics.

#	dsr_time	attach	orb_phase
0	01APR2008 02:24:23	1	0.321750
1	01APR2008 07:09:41	1	0.173625
2	01APR2008 07:14:40	1	0.240000
3	01APR2008 07:23:02	1	0.288000
4	01APR2008 08:48:05	1	0.140800
5	01APR2008 08:57:25	1	0.233800
6	01APR2008 09:06:01	1	0.319000
7	01APR2008 10:30:52	1	0.173625
8	01APR2008 10:35:50	1	0.240000
9	01APR2008 10:44:13	1	0.288000

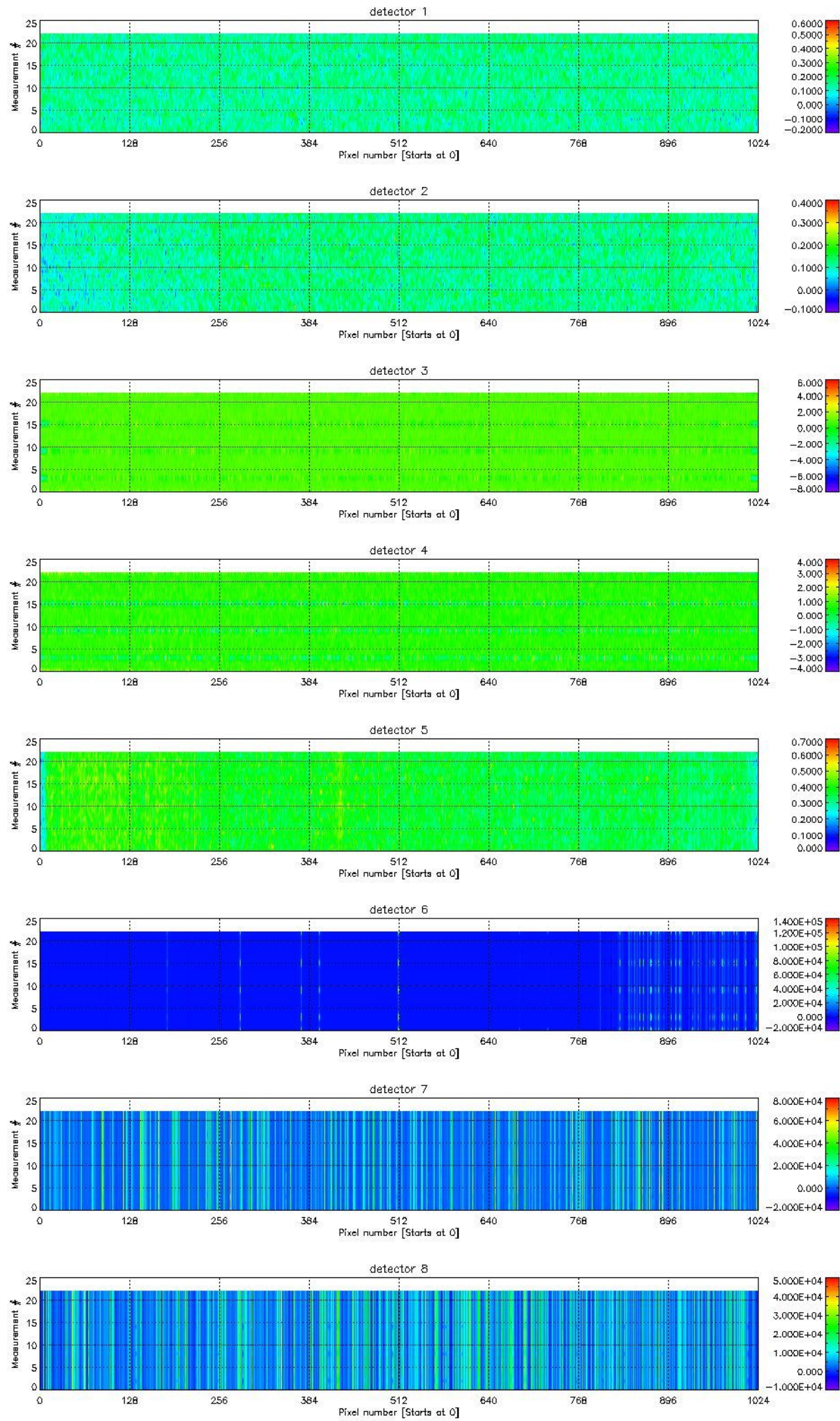
10	01APR2008 12:09:15	1	0.140800
11	01APR2008 12:18:35	1	0.233800
12	01APR2008 12:27:12	1	0.319200
13	01APR2008 13:52:03	1	0.173625
14	01APR2008 13:57:01	1	0.240000
15	01APR2008 14:05:24	1	0.288000
16	01APR2008 15:30:26	1	0.140800
17	01APR2008 15:39:46	1	0.233600
18	01APR2008 15:48:22	1	0.318800
19	01APR2008 18:51:37	1	0.140800
20	01APR2008 19:00:57	1	0.233800
21	01APR2008 19:09:33	1	0.319000
22	01APR2008 22:31:27	1	0.321750

Plots of SCINL1P_NEWLEA_obm_detL_prmd temperatures vs time on 01APR2008.



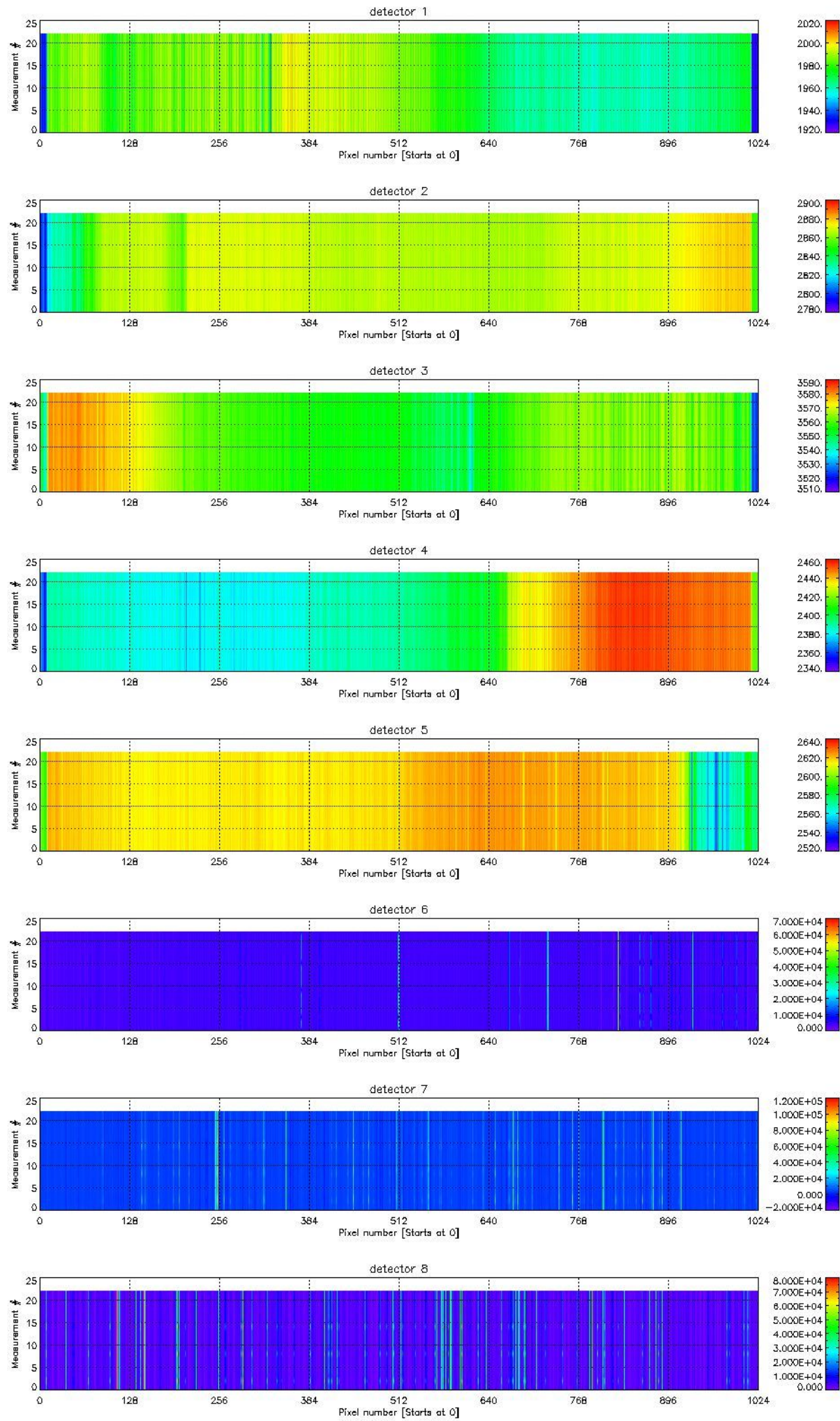
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_18.PNG

Plots of SCINLP_NEWLEA_leak_cur for various detectors on 01APR2008.
Colours indicate the value in BU/s.



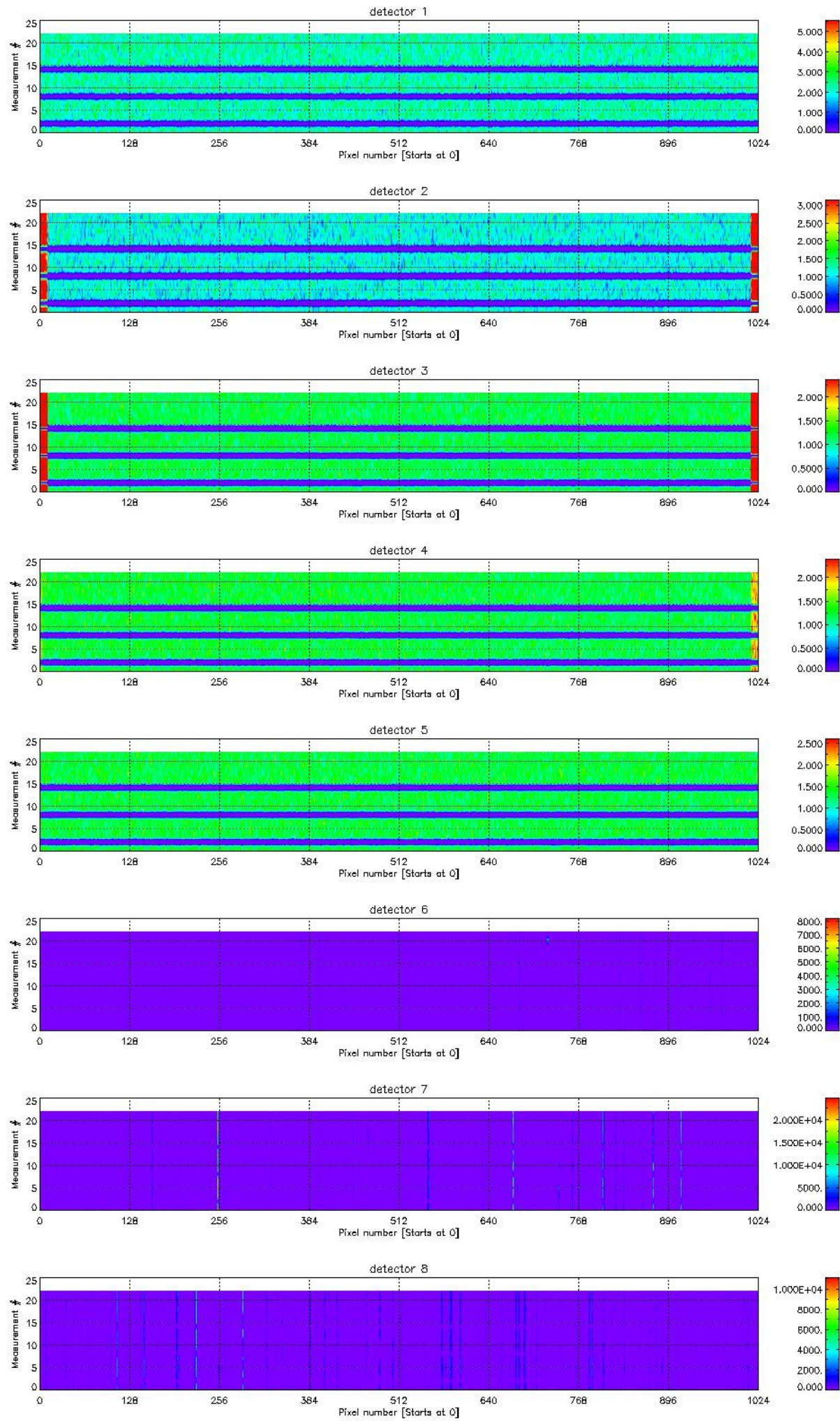
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_19.PNG

Plots of SCINLP_NEWLEA_fpn for various detectors on 01APR2008.
Colours indicate the value in BU.



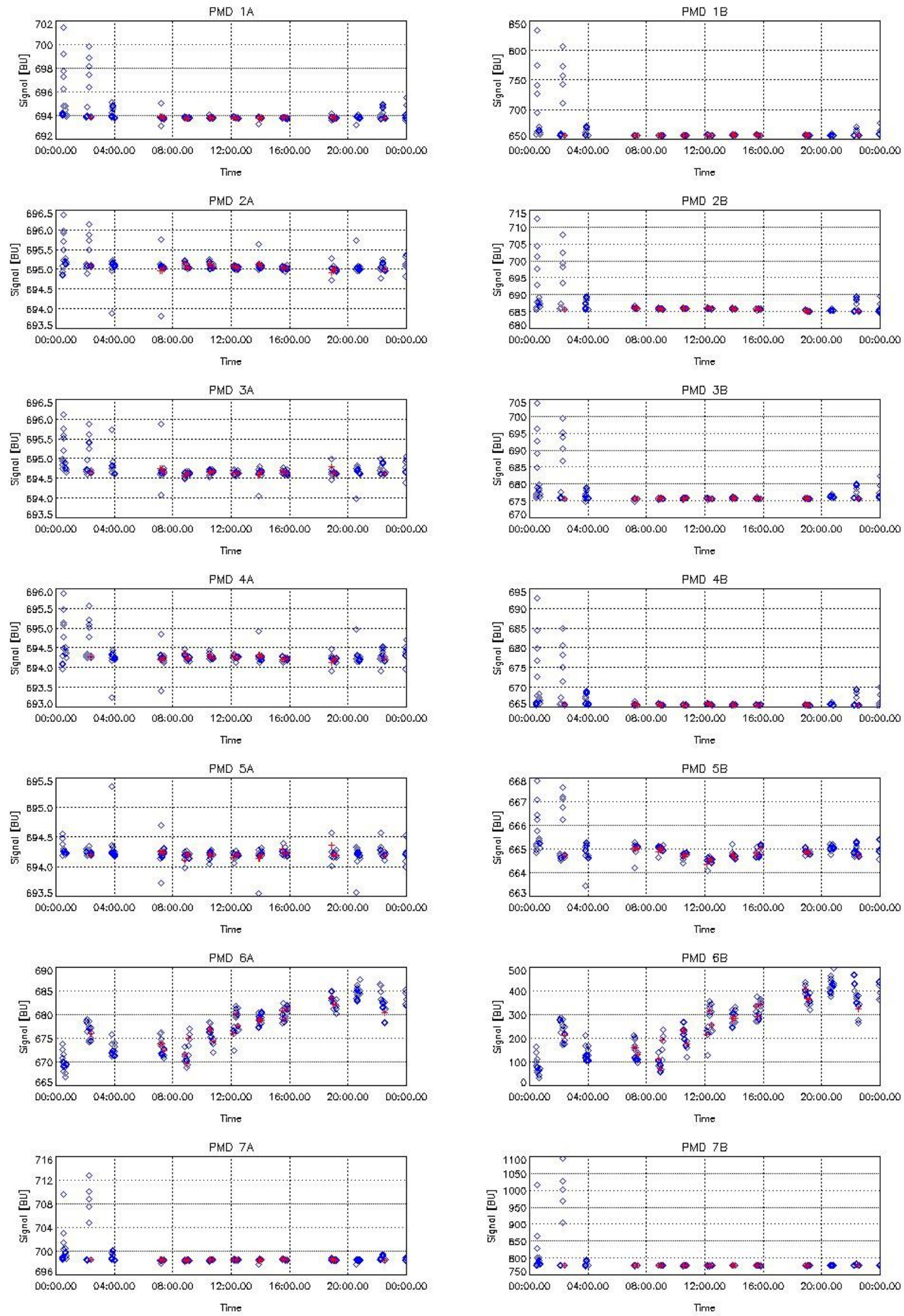
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_20.PNG

Plots of SCINLP_NEWLEA_mean_noise for various detectors on 01APR2008.
Colours indicate the value in BU.



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_21.PNG

Plots of SCINL1P_NEWLEA_pmd_off vs time on 01APR2008 (red).
Dark average pmd data is given in blue for comparison.



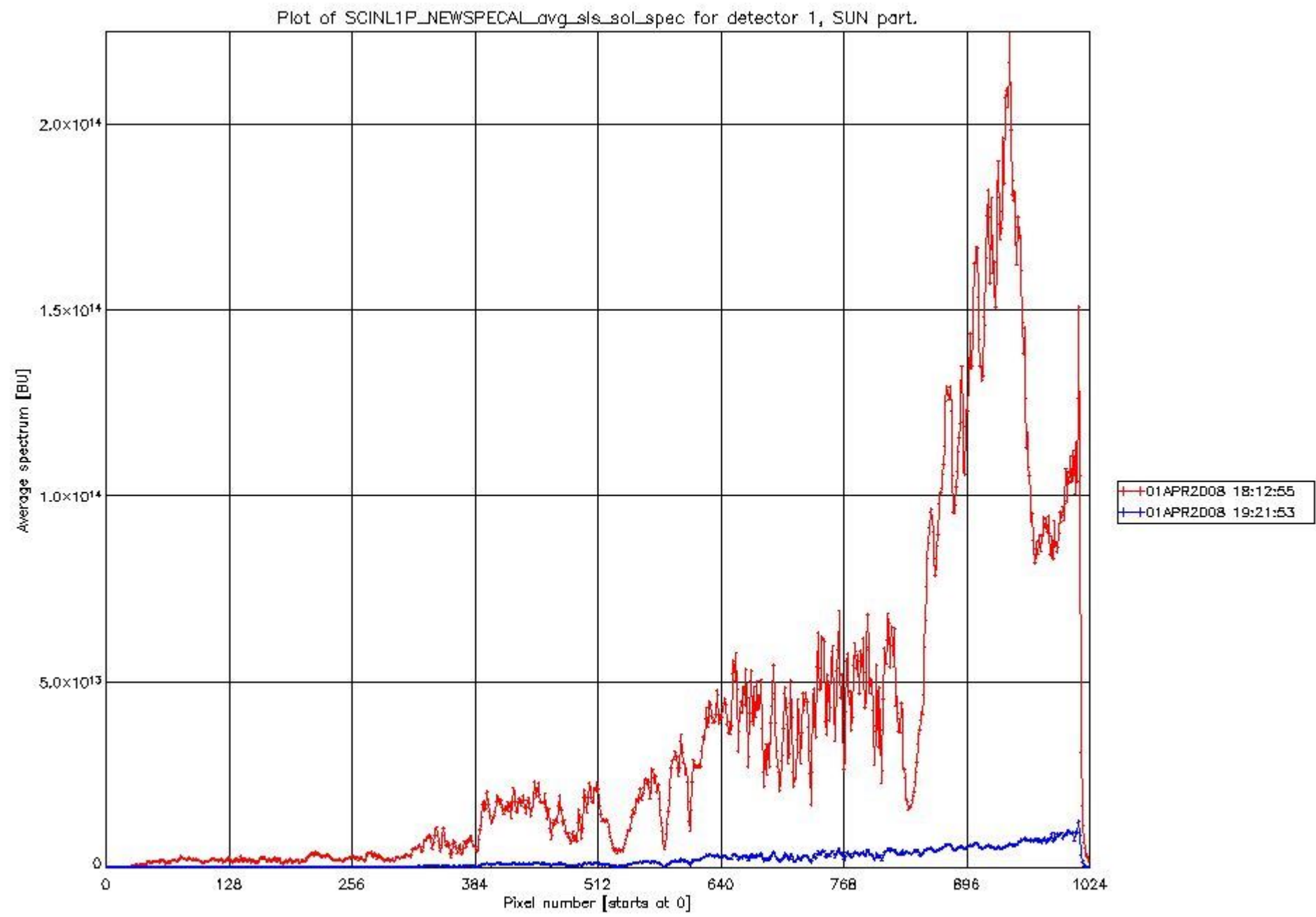
1.2.3 Spectral calibration parameters

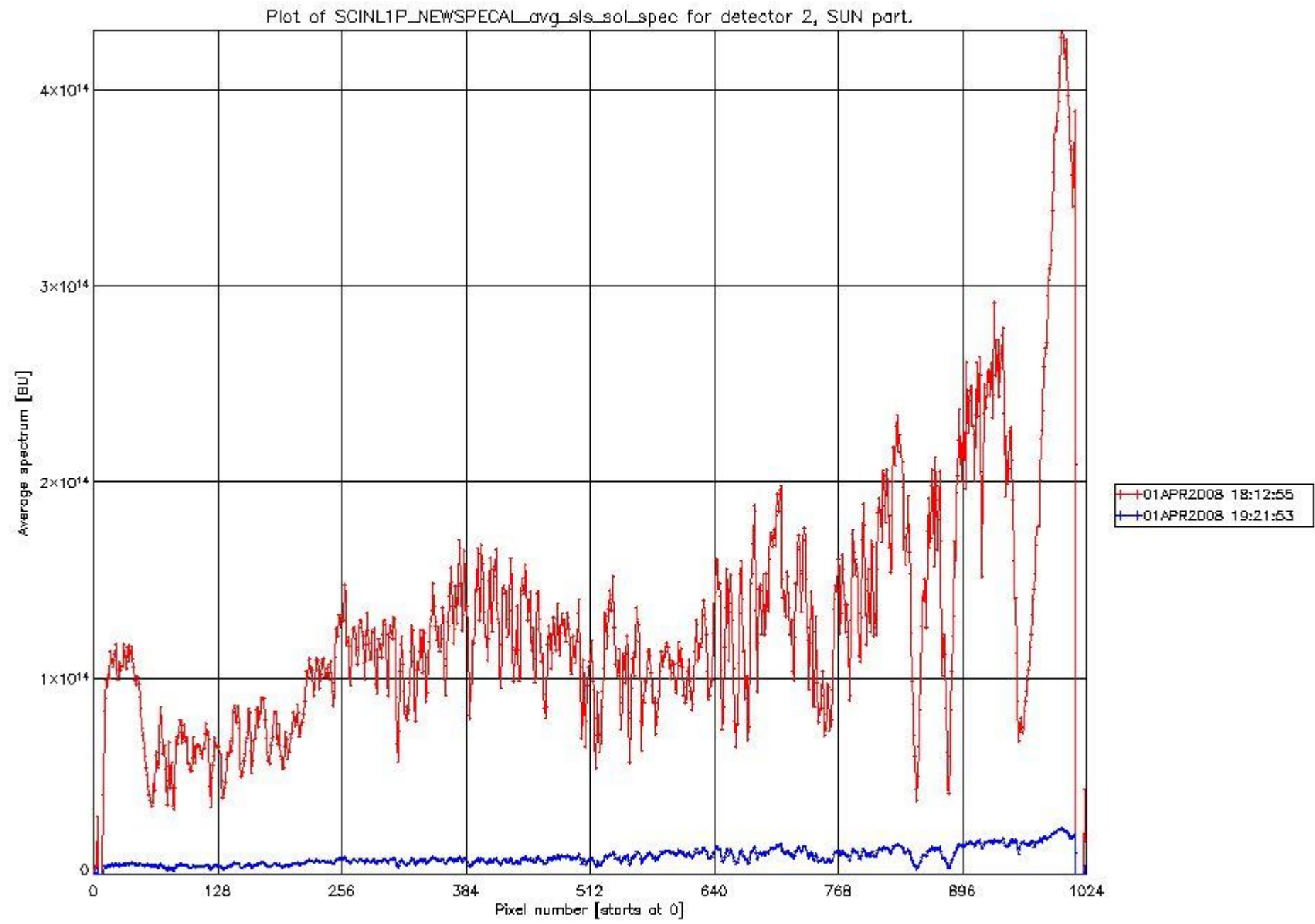
This section lists properties of the new spectral calibrations found within the processing scope.

The following table lists general properties of the spectral calibration.

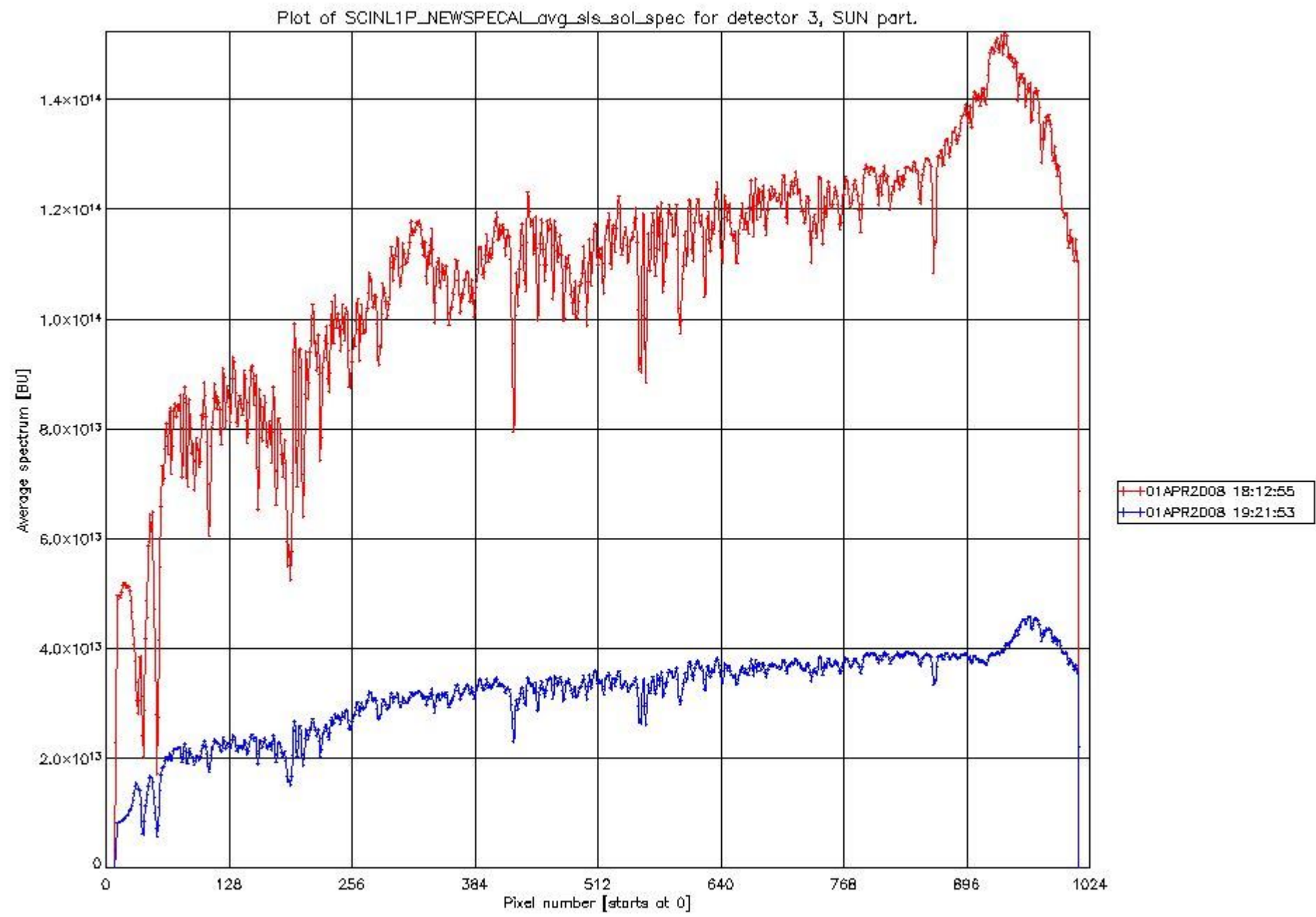
#	dsr_time	attach	orb_phase	source	#lines	cal_error [nm]	coeff[0]	coeff[1]	coeff[2]	coeff[3]	coeff[4]
0	01APR2008 18:12:55	0	0.744000	SUN	2	0.00444002	-0.065778032	0.00011029804	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00106861	-0.11296752	-4.1522002e-05	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00179953	-0.21421728	-5.7160010e-05	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	01APR2008 19:21:53	0	0.430000	SUN	3	0.00121153	0.047768522	-5.4466855e-05	2.1125642e-08	0.0000000	0.0000000
				SUN	2	0.00381226	0.026273053	-0.00011241019	0.0000000	0.0000000	0.0000000
				SUN	2	0.00332328	-0.054708239	-0.00012923271	0.0000000	0.0000000	0.0000000
				SUN	2	0.00197515	-0.26334259	9.3179777e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00352501	-0.19830367	-0.00011201562	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

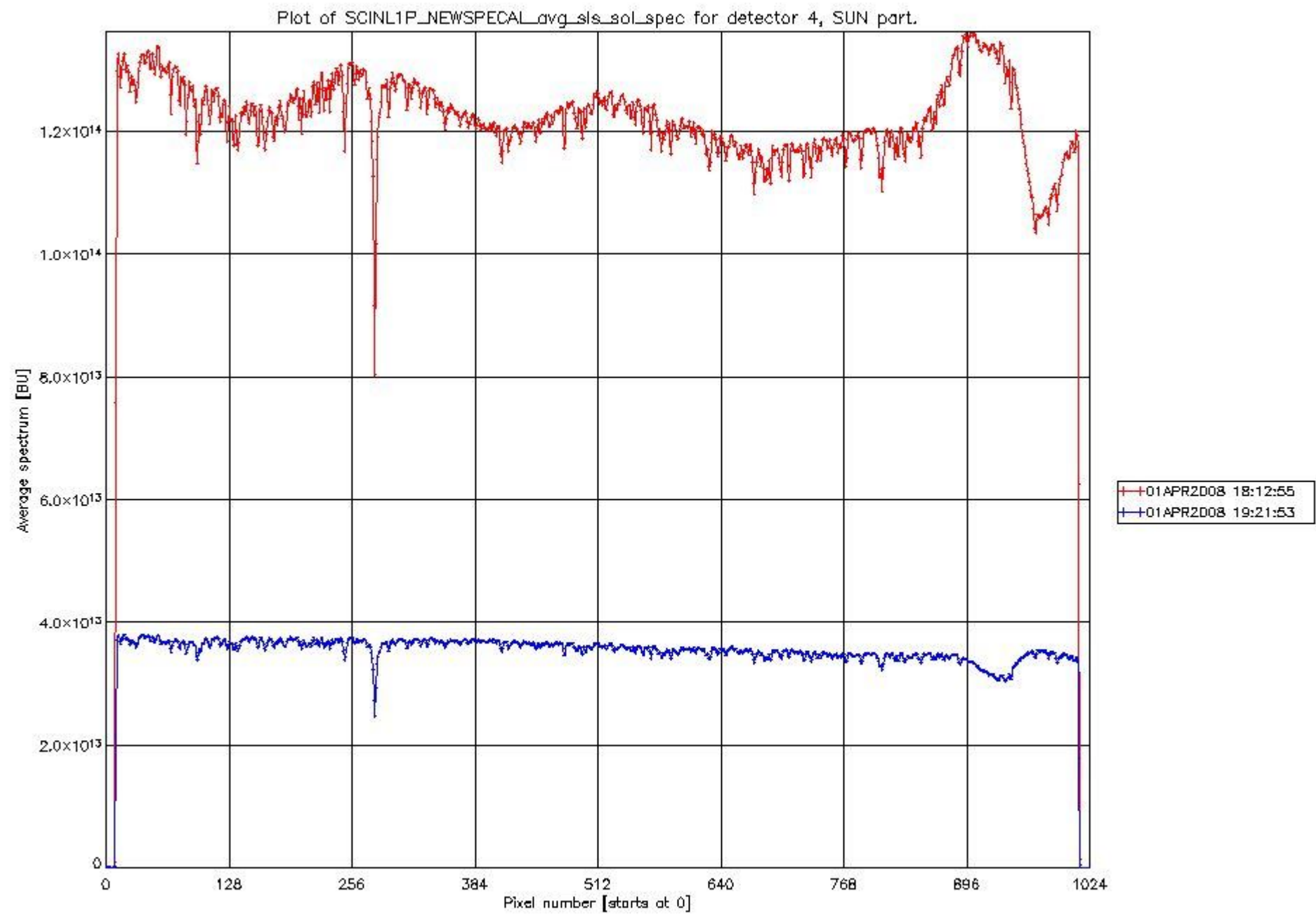
The following figures give an overview of the recorded signal for each detector.



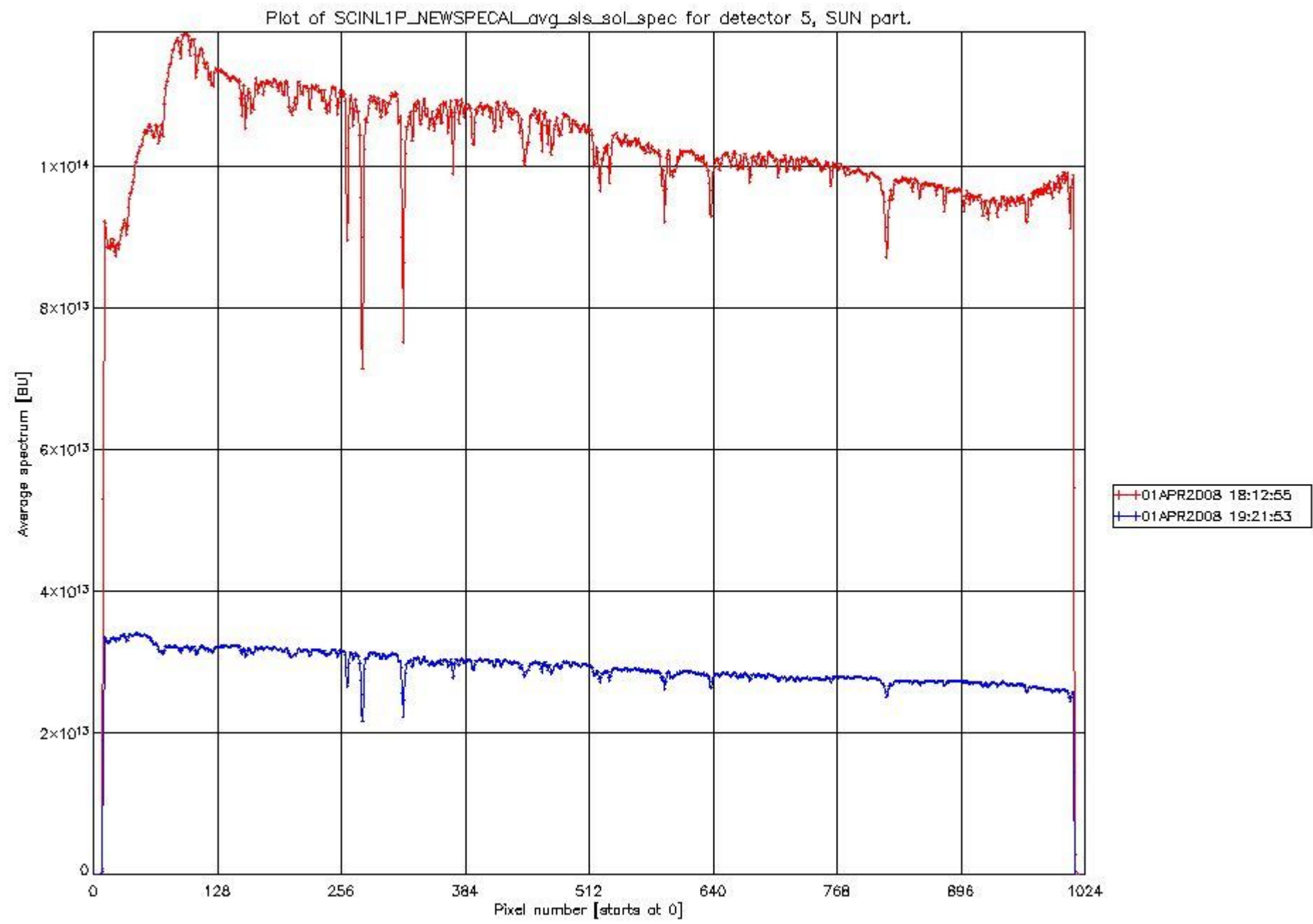


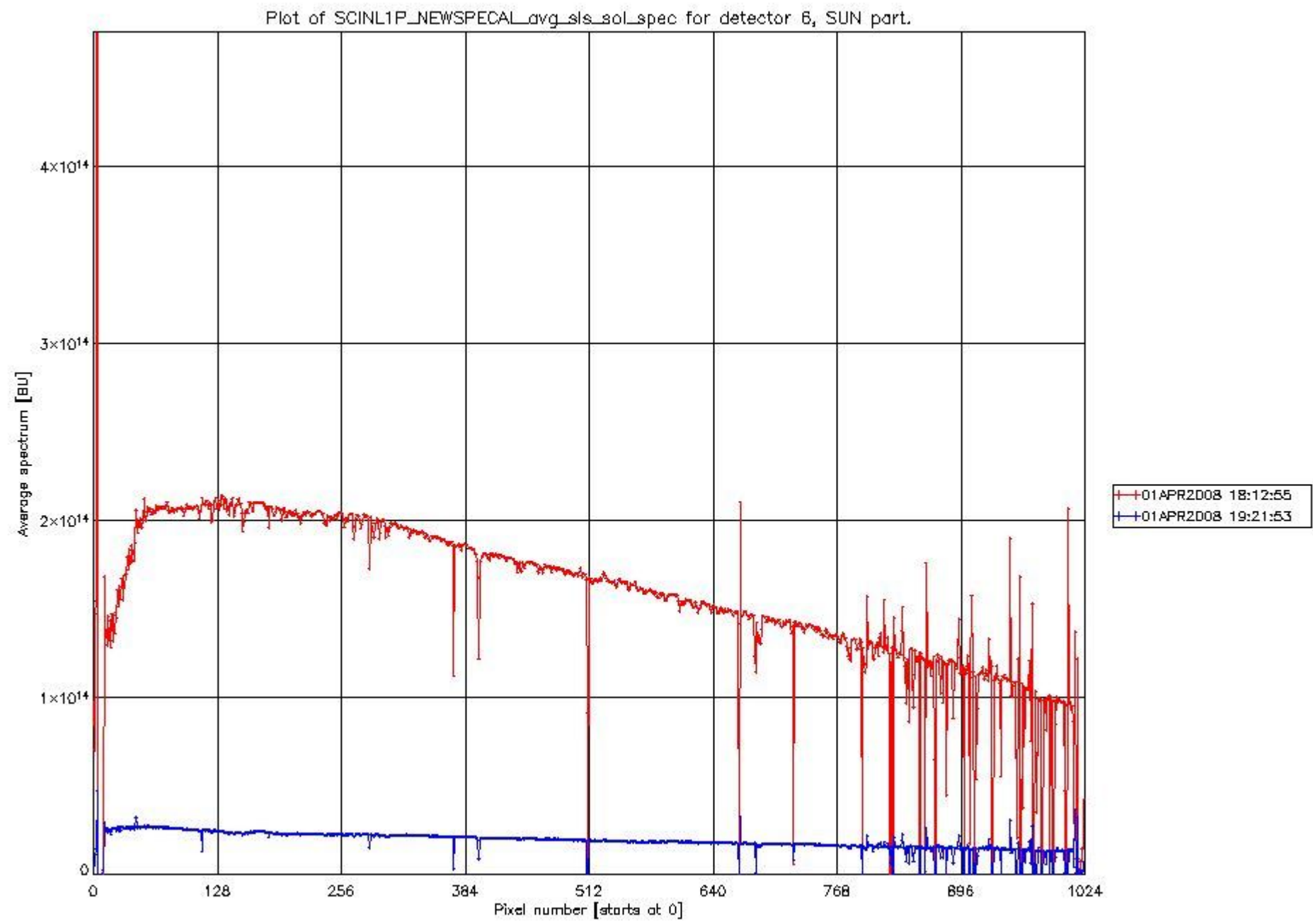
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_24.PNG



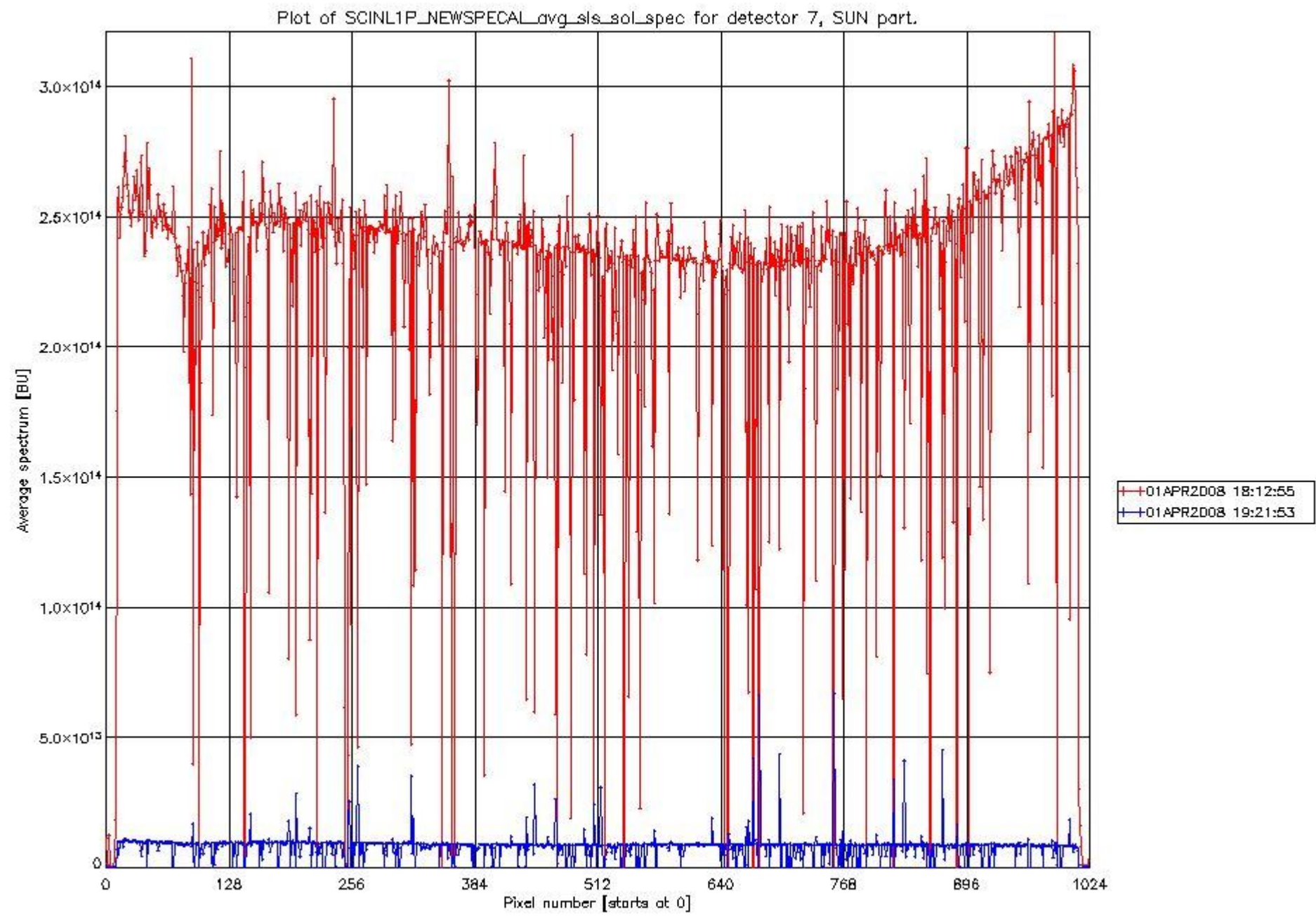


sciamachy_daily_report_level1_SCIA_6_03_N_20080401_26.PNG

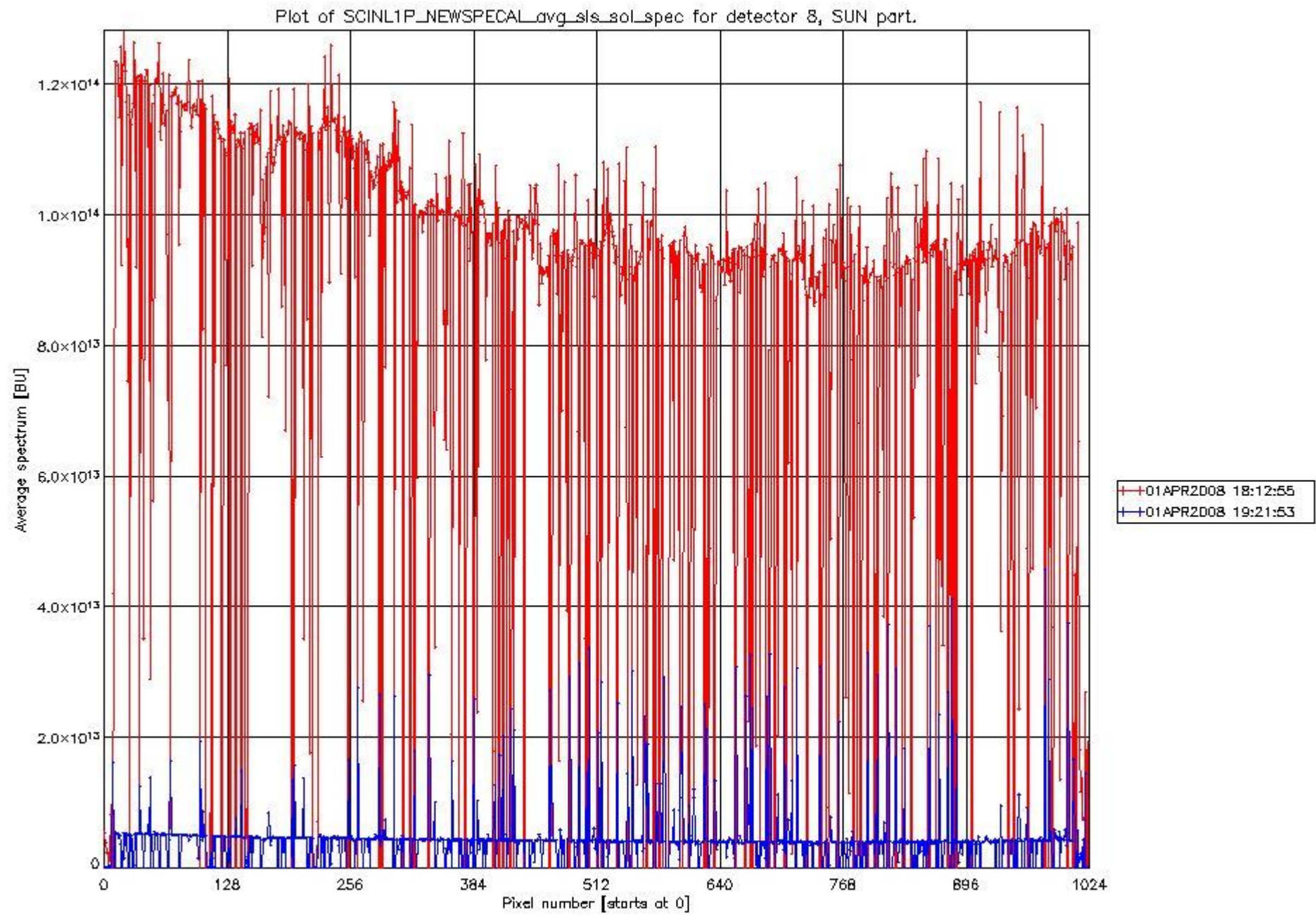




sciamachy_daily_report_level1_SCIA_6_03_N_20080401_28.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_29.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_30.PNG

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

1.2.4 New sun reference spectrum parameters

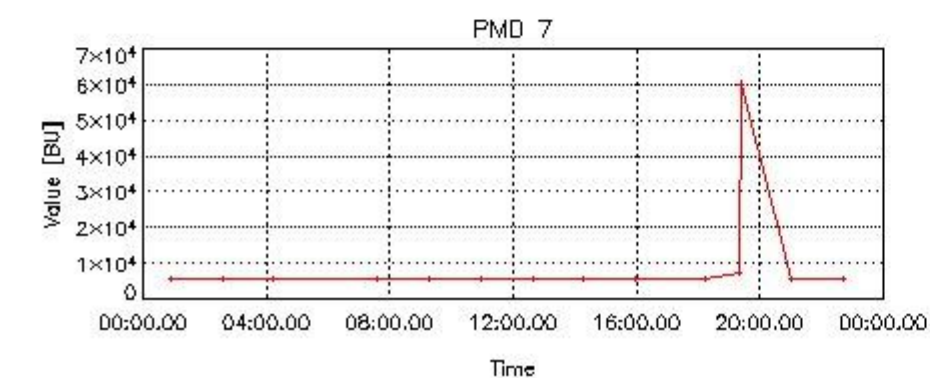
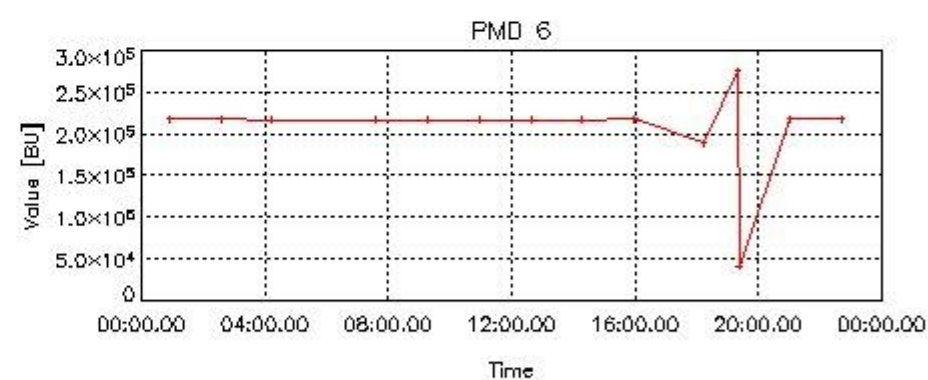
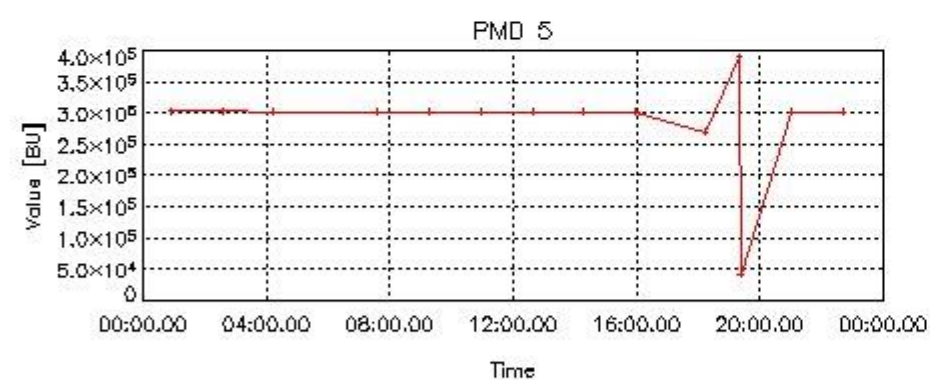
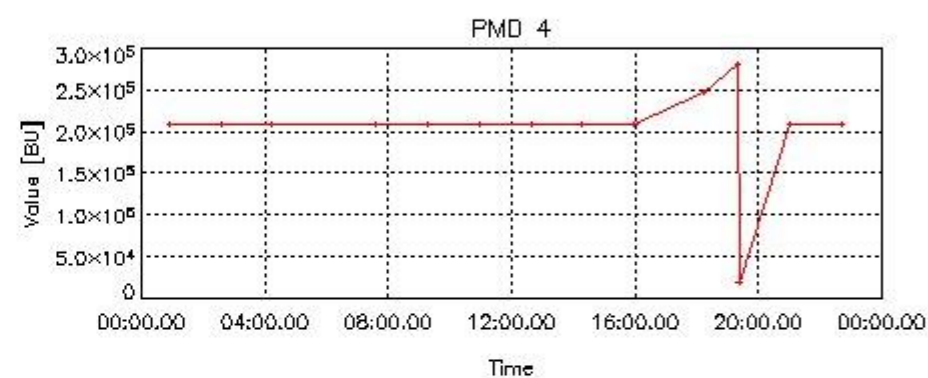
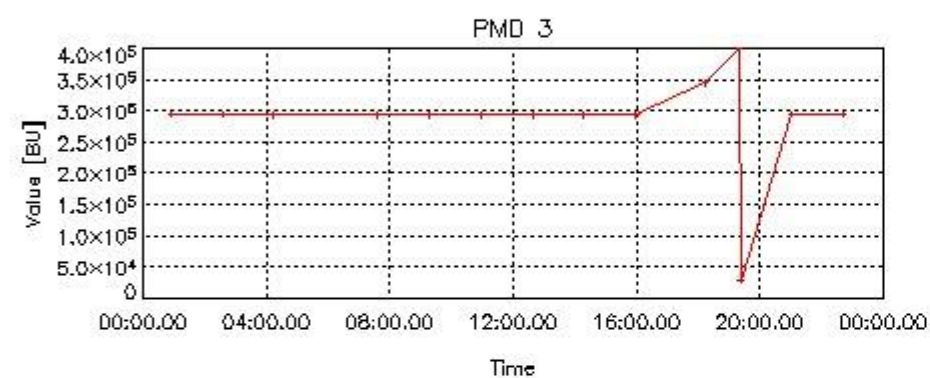
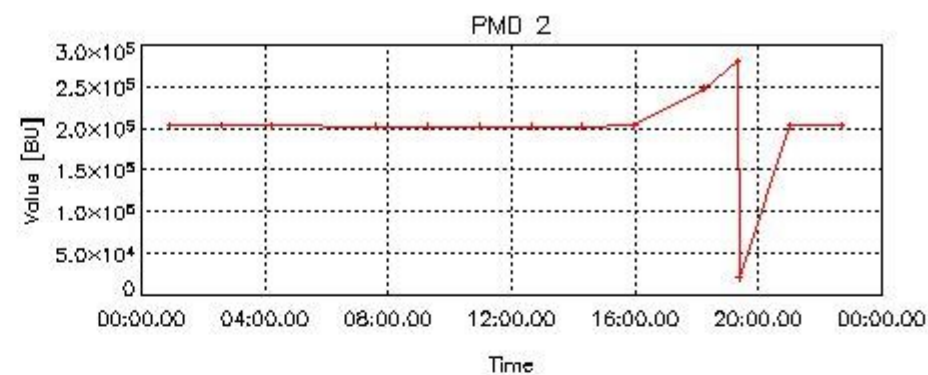
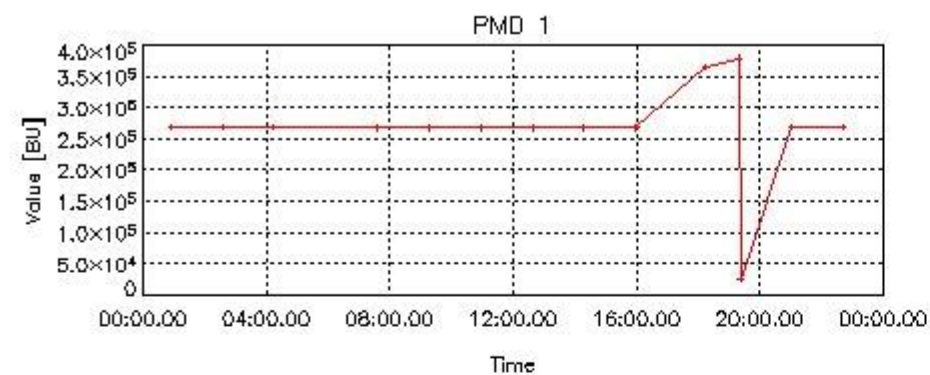
This section lists properties of the new sun reference spectrum data within the processing scope.

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	01APR2008 00:53:24	0	O 1	1	-29.7861	-11.7908	0.00000	0.00994805
		0	U 1	1	-29.7861	-11.7908	0.00000	0.00994805
1	01APR2008 02:33:59	0	O 1	1	-29.7924	-11.7911	0.00000	0.00994921
		0	U 1	1	-29.7924	-11.7911	0.00000	0.00994921
2	01APR2008 04:14:35	0	O 1	1	-29.7988	-11.7902	0.00000	0.00995076
		0	U 1	1	-29.7988	-11.7902	0.00000	0.00995076

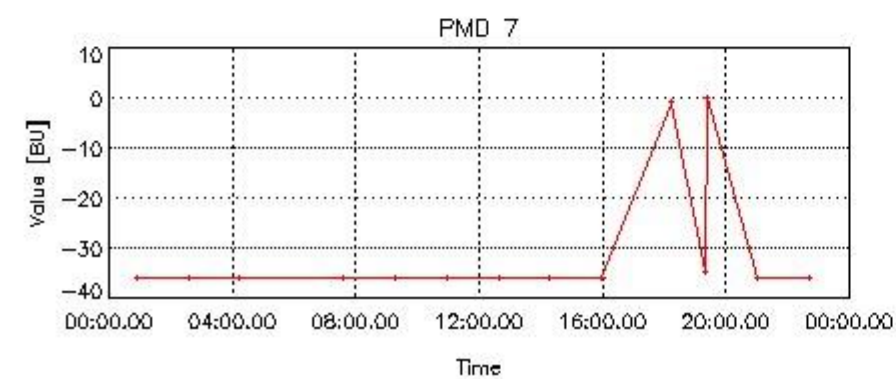
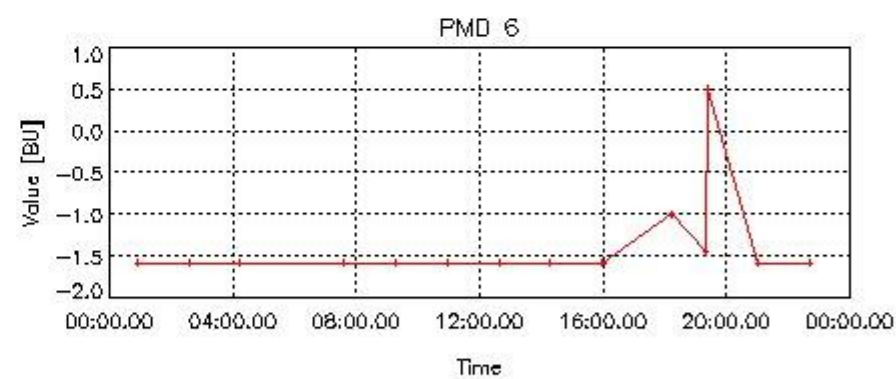
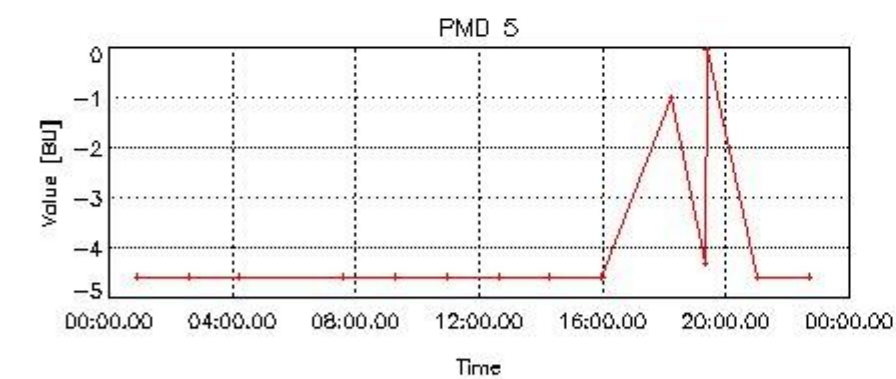
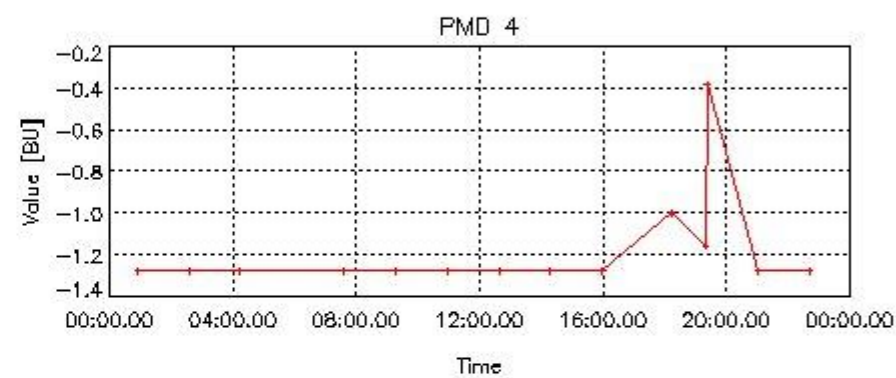
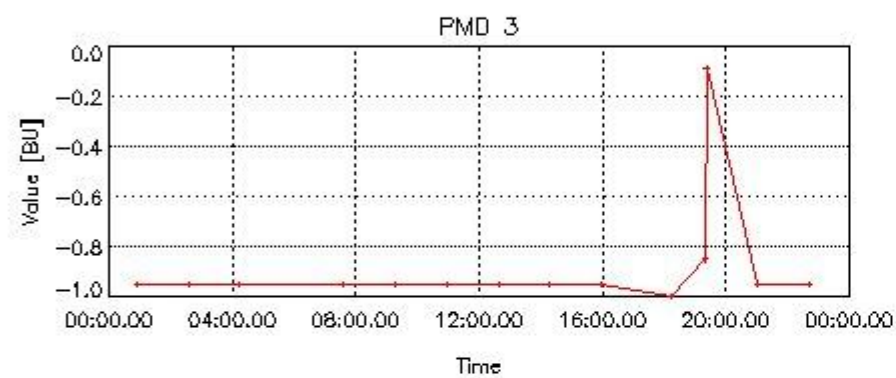
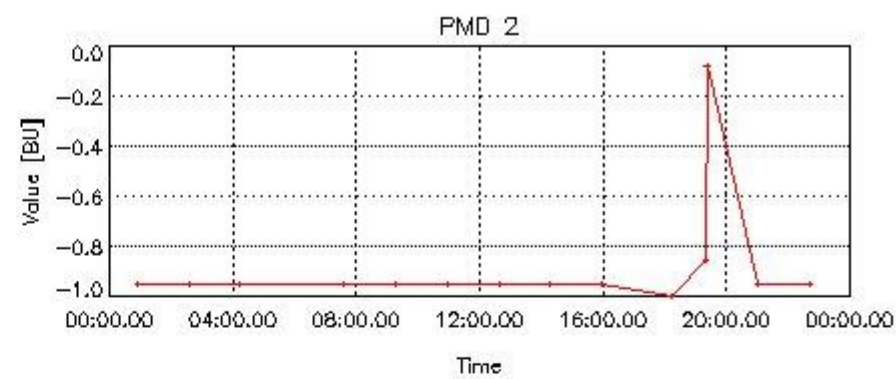
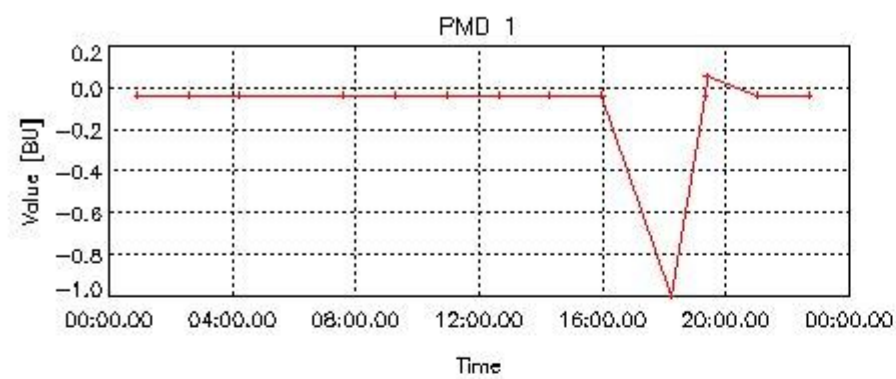
3	01APR2008 07:35:46	0 0	O U	1 1	-29.8128 -29.8128	-11.7882 -11.7882	0.00000 0.00000	0.00995419 0.00995419
4	01APR2008 09:16:21	0 0	O U	1 1	-29.8198 -29.8198	-11.7882 -11.7882	0.00000 0.00000	0.00995561 0.00995561
5	01APR2008 10:56:57	0 0	O U	1 1	-29.8263 -29.8263	-11.7882 -11.7882	0.00000 0.00000	0.00995692 0.00995692
6	01APR2008 12:37:32	0 0	O U	1 1	-29.8331 -29.8331	-11.7884 -11.7884	0.00000 0.00000	0.00995822 0.00995822
7	01APR2008 14:18:08	0 0	O U	1 1	-29.8392 -29.8392	-11.7888 -11.7888	0.00000 0.00000	0.00995924 0.00995924
8	01APR2008 15:58:43	0 0	O U	1 1	-29.8461 -29.8461	-11.7894 -11.7894	0.00000 0.00000	0.00996041 0.00996041
9	01APR2008 18:12:55	0 0	S V	1 1	9.13068e-05 9.13068e-05	59.8245 59.8245	0.00000 0.00000	0.00000 0.00000
10	01APR2008 19:19:55	0 0	O U	1 1	-29.6711 -29.6711	-12.5807 -12.5807	0.00000 0.00000	0.00980222 0.00980222
11	01APR2008 19:21:53	0 0	D A	0 0	-1.99937 -1.99937	-11.2550 -11.2550	21.7104 21.7104	0.0101498 0.0101498
12	01APR2008 21:00:30	0 0	O U	1 1	-29.8679 -29.8679	-11.7872 -11.7872	0.00000 0.00000	0.00996549 0.00996549
13	01APR2008 22:41:05	0 0	O U	1 1	-29.8750 -29.8750	-11.7869 -11.7869	0.00000 0.00000	0.00996700 0.00996700

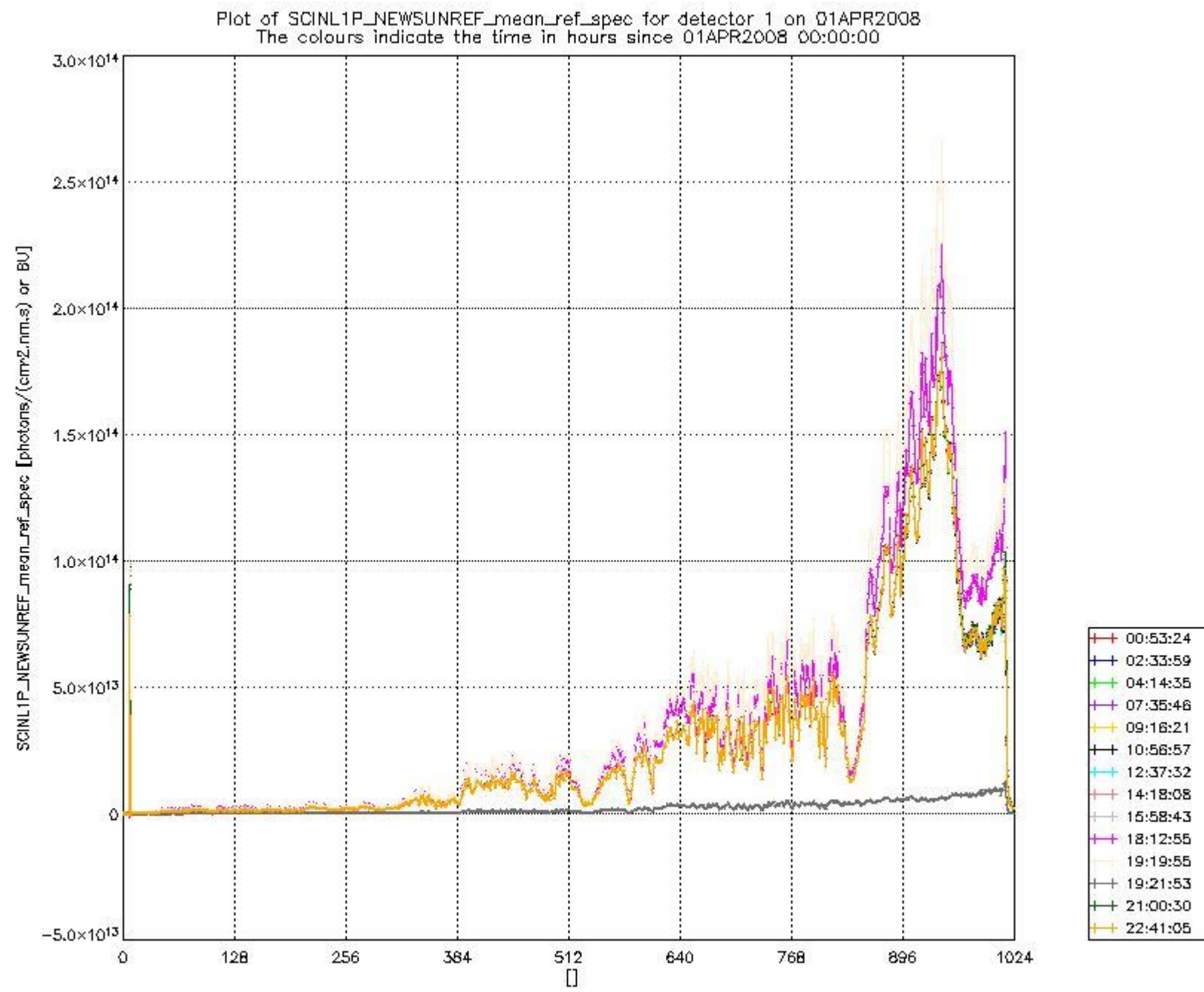
Plot of SCINL1P_NEWSUNREF_mean_pmd versus time

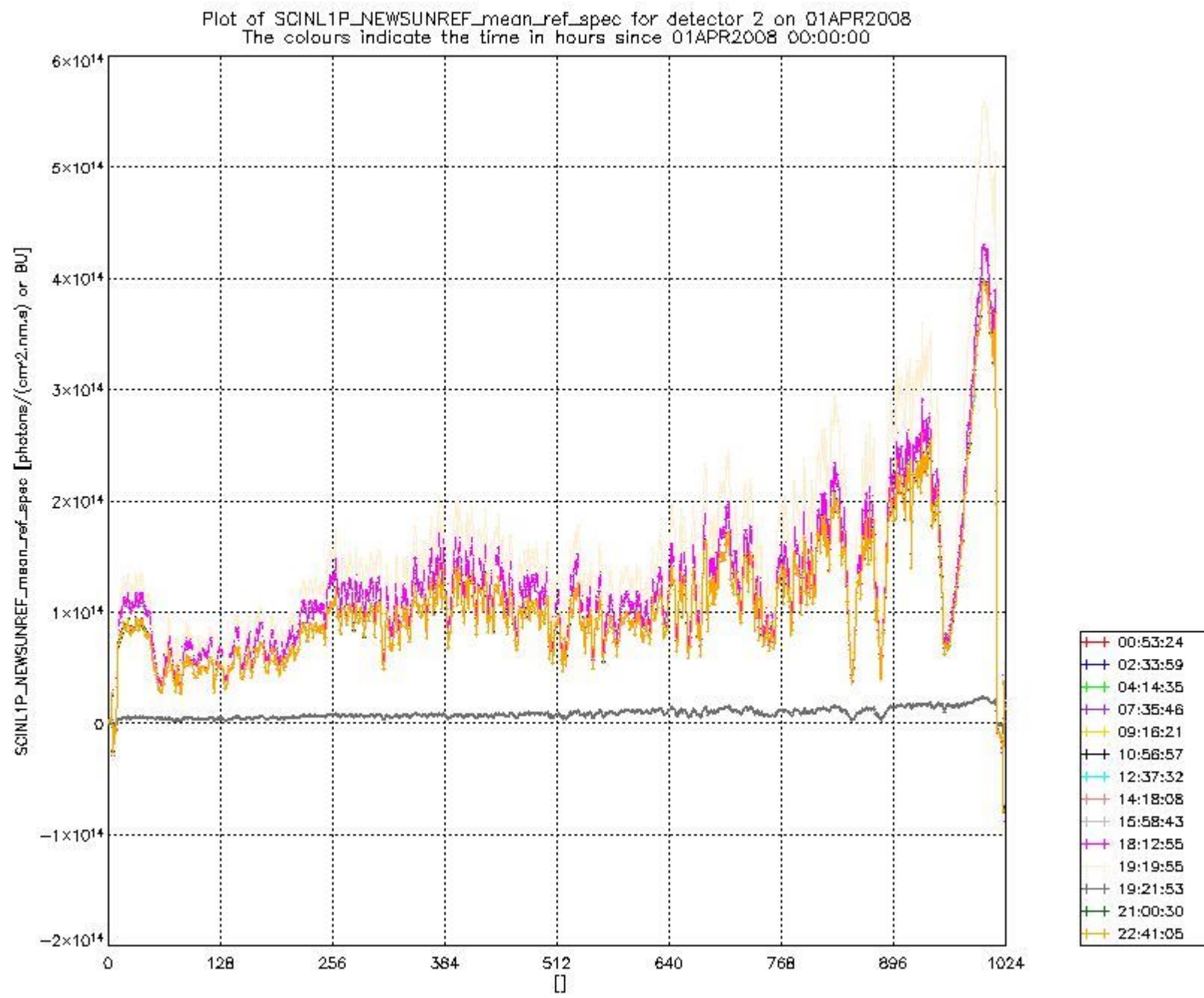


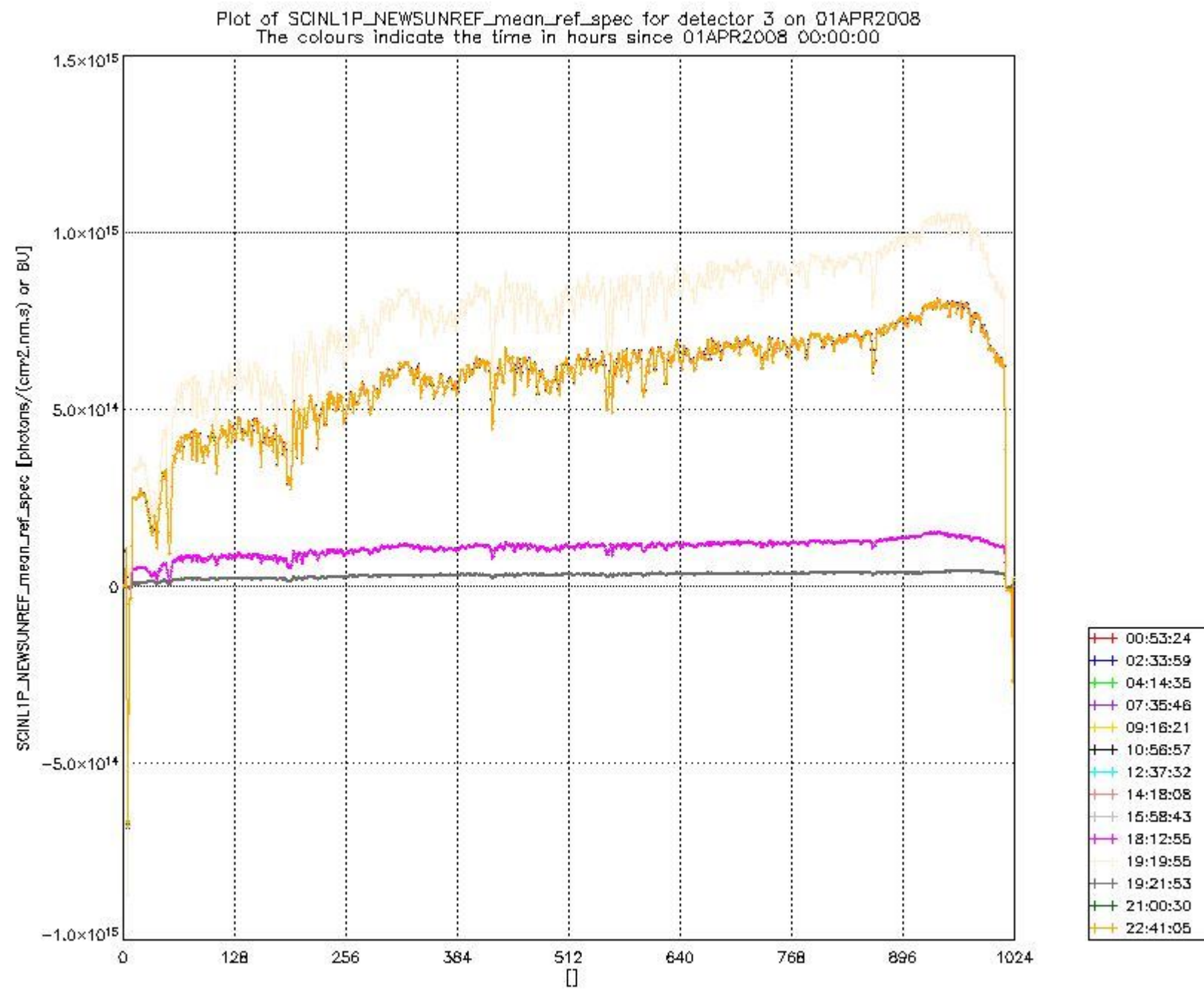
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_31.PNG

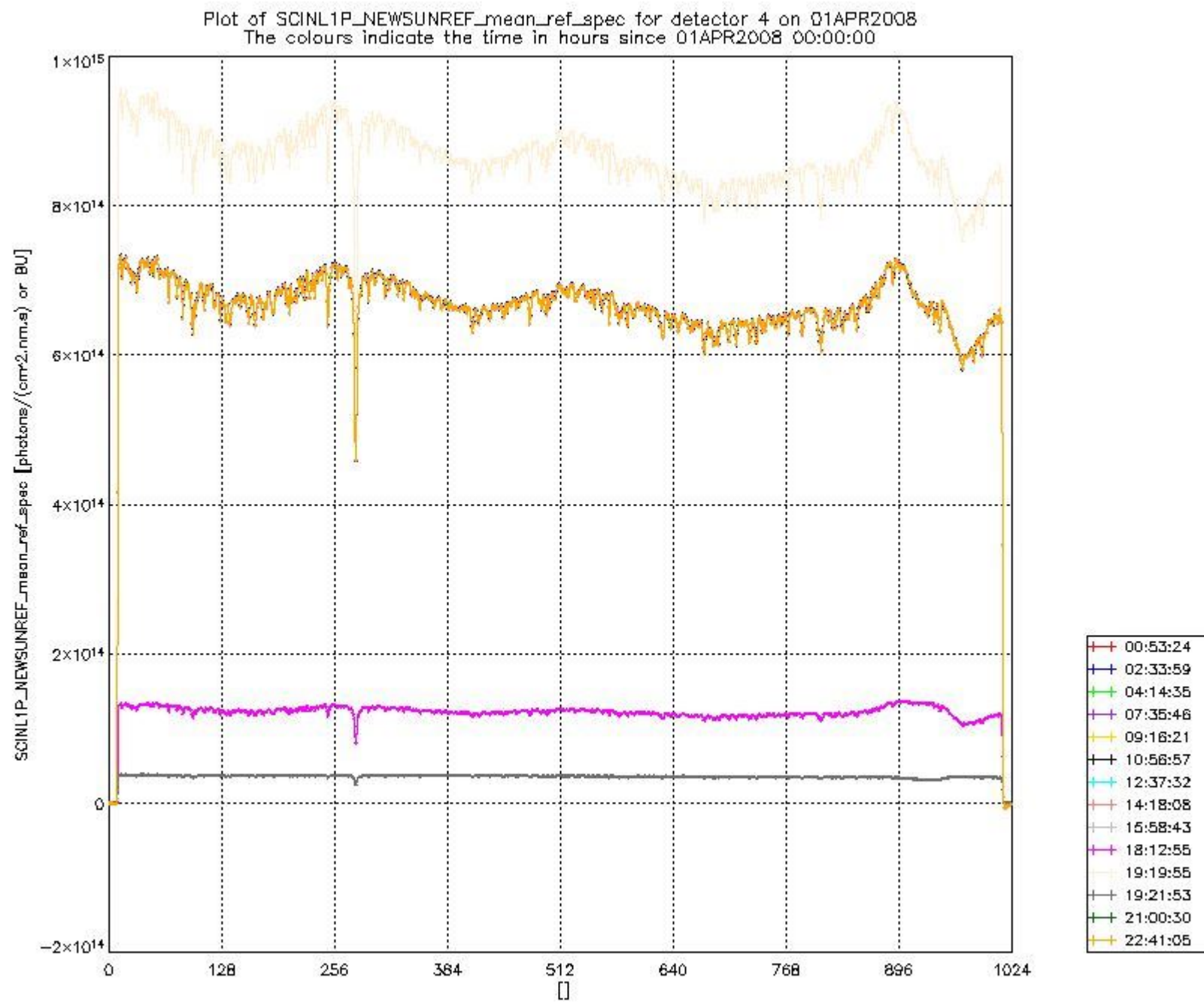
Plot of SCINL1P_NEWSUNREF_pmd_out versus time

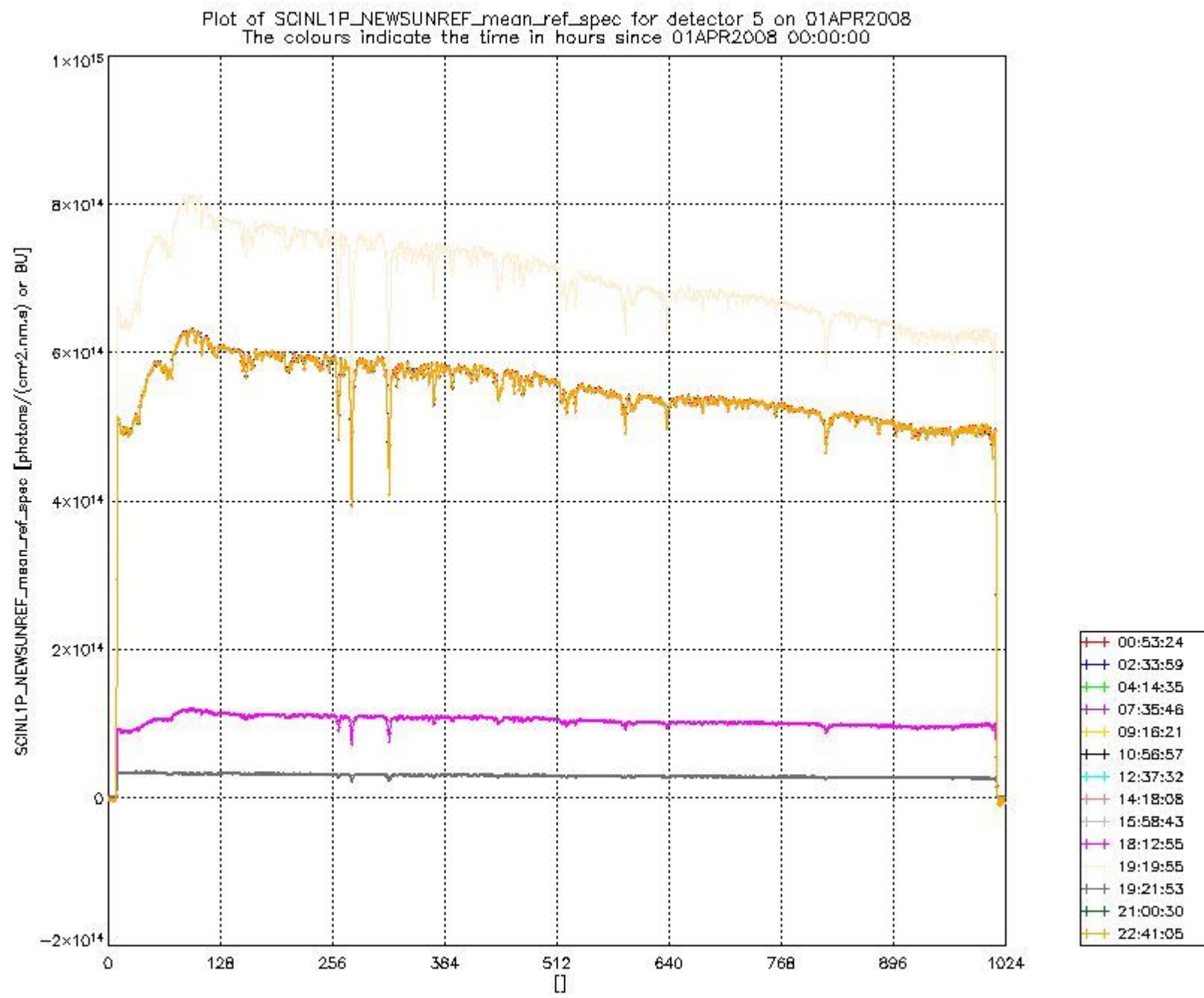


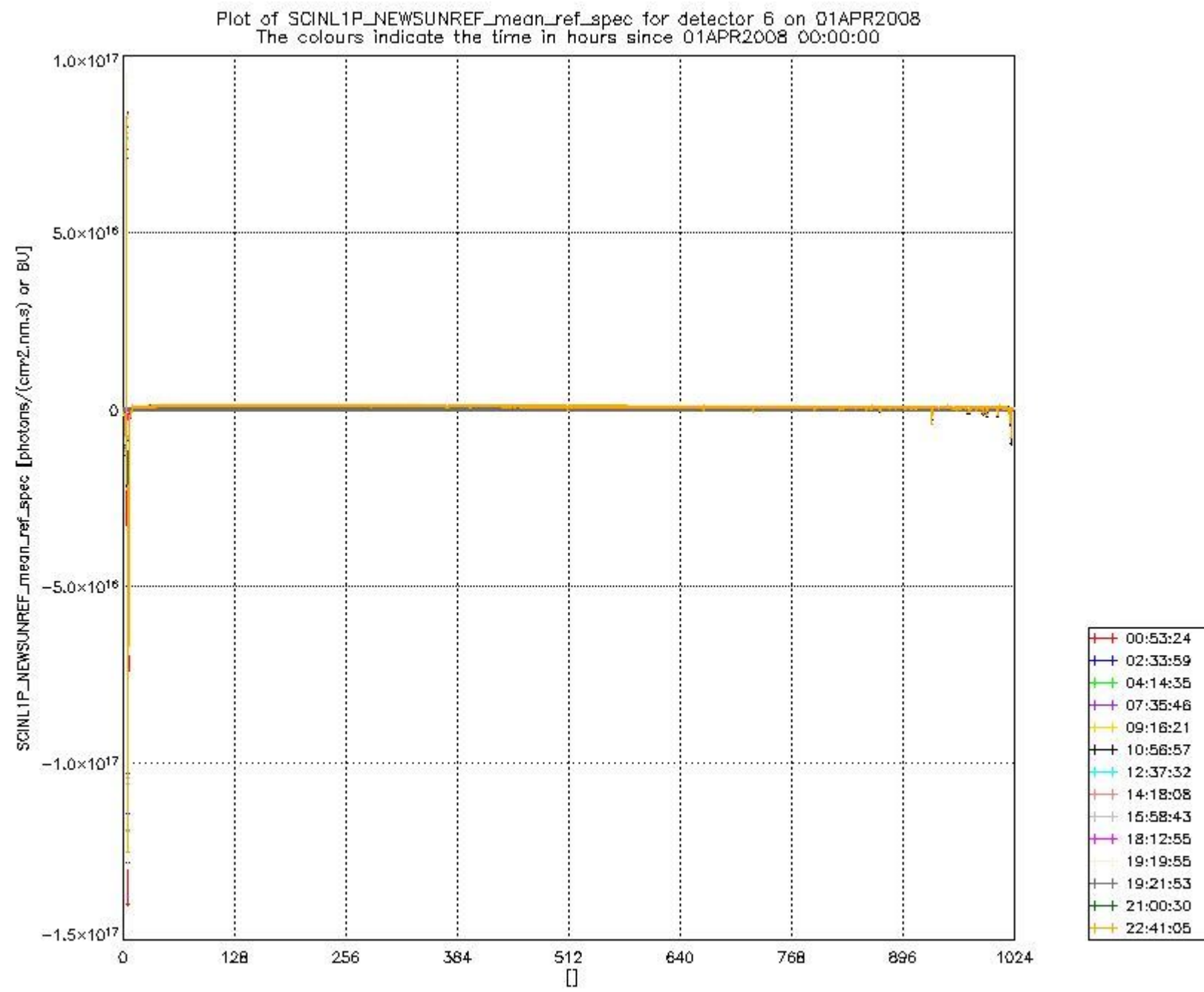




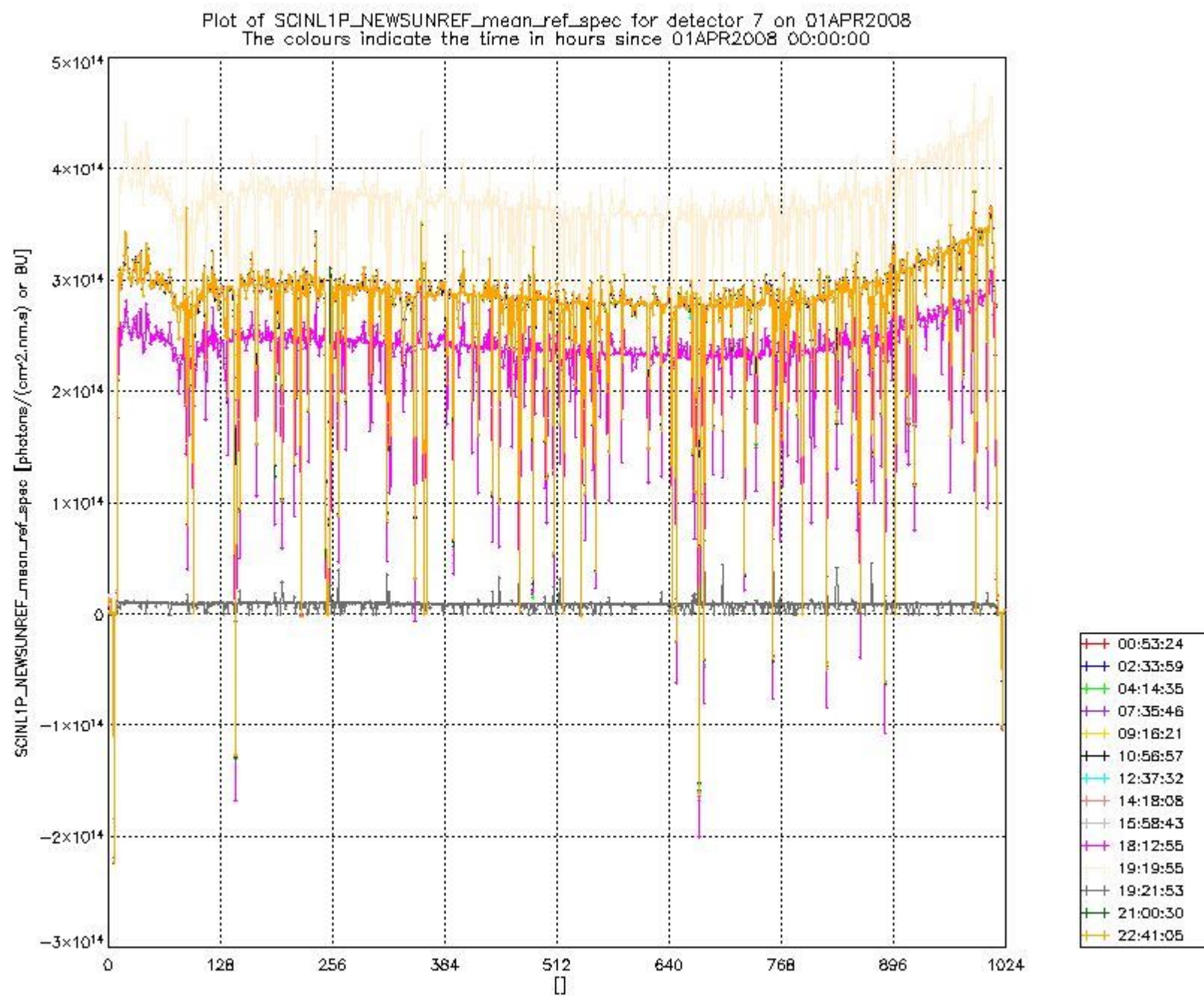


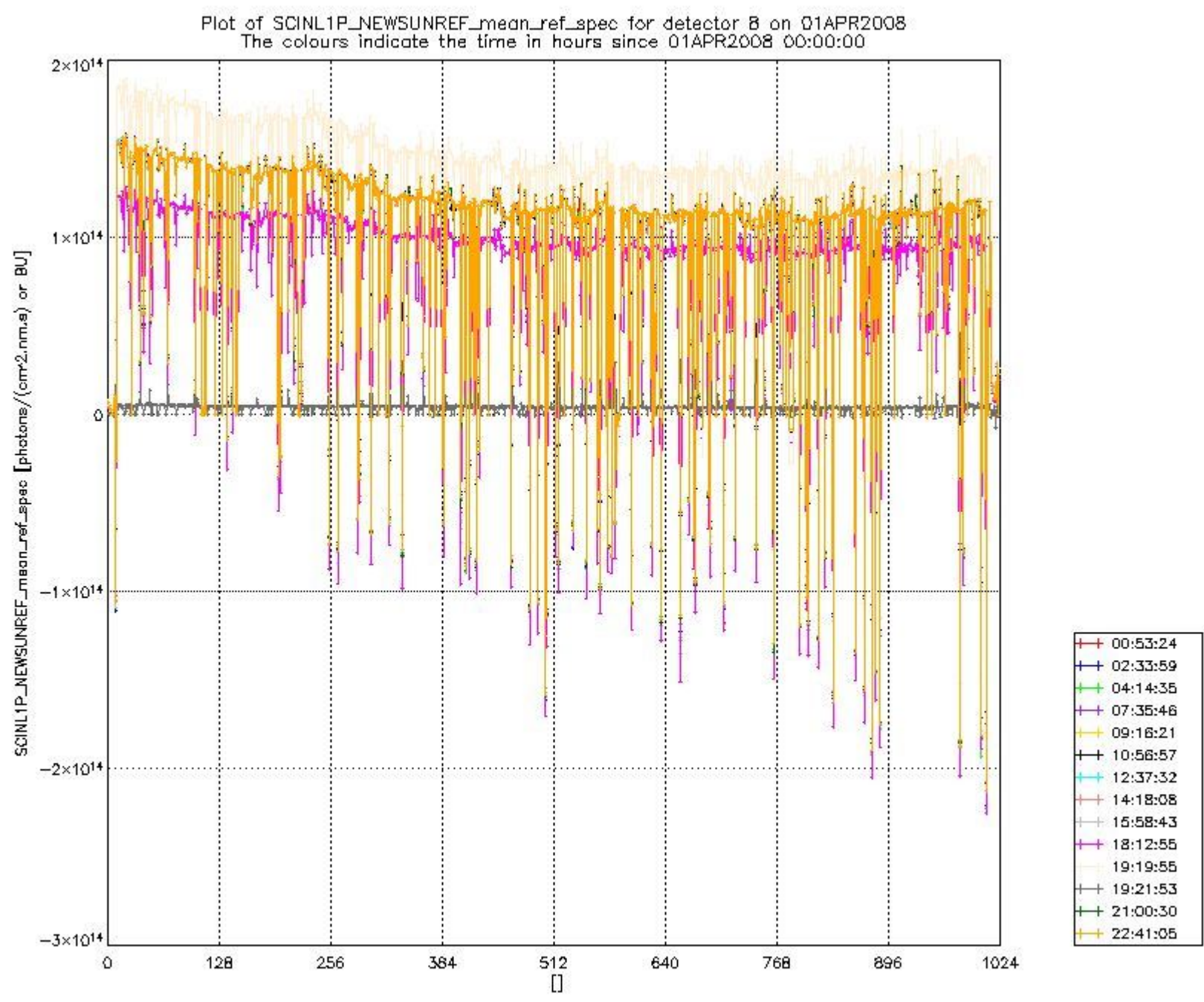






sciamachy_daily_report_level1_SCIA_6_03_N_20080401_38.PNG





sciamachy_daily_report_level1_SCIA_6_03_N_20080401_40.PNG

1.2.5 PPG and Etalon parameters

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

1.3 ADF monitoring

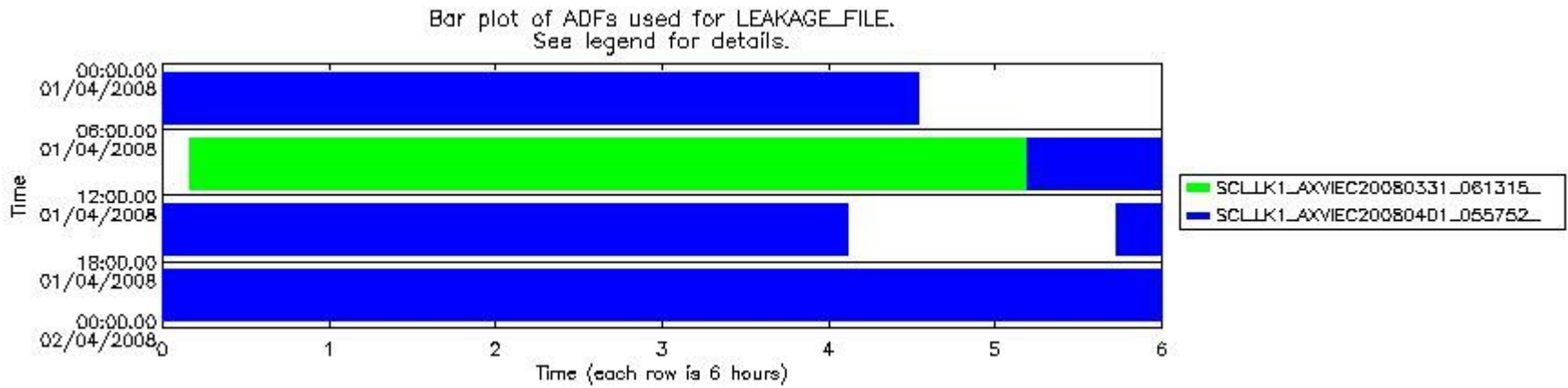
This section shows the (variation in) ADFs used for each of the products. It consists of:

- 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.

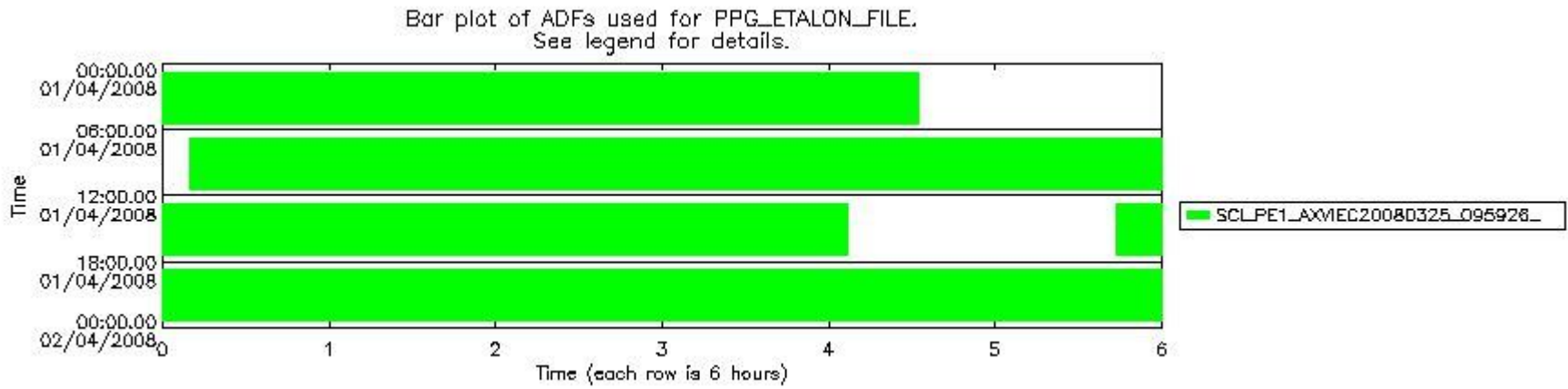
No new ADFs available

Number	ADF
--------	-----

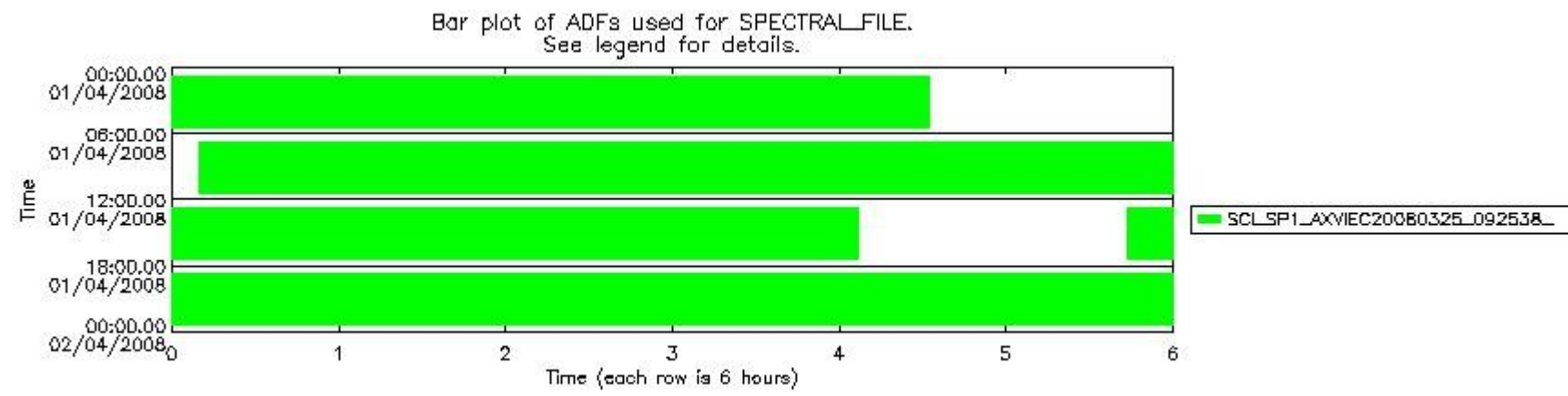
	LK1 (LEAKAGE_FILE)
0	SCI_LK1_AXVIEC20080331_061315_20080328_063341_20080527_081838
1	SCI_LK1_AXVIEC20080401_055752_20080329_173824_20080528_191859
	PE1 (PPG_ETALON_FILE)
2	SCI_PE1_AXVIEC20080325_095926_20080320_172212_20990101_000000
	SP1 (SPECTRAL_FILE)
3	SCI_SP1_AXVIEC20080325_092538_20080320_203845_20080618_222427
	SU1 (SUN_REF_FILE)
4	SCI_SU1_AXVIEC20080401_030840_20080329_173824_20080413_191859
	KD1 (KEY_DATA_FILE)
5	SCI_KD1_AXVIEC20060523_182626_20020301_000000_20991231_235959
	MF1 (M_FACTOR_FILE)
6	SCI_MF1_AXVIEC20020809_094925_20020206_173831_20991231_235959
	LI1 (INIT_FILE)
7	SCI_LI1_AXVIEC20070628_134108_20020701_000000_20991231_235959
	FRO (ORBIT_FILE)
8	AUX_FPO_AXVPDS20080401_010110_20080331_193840_20080410_210453
9	DOR_NAV_0PNPDE20080331_231931_000057382067_00202_31819_5322.N1
10	DOR_NAV_0PNPDE20080401_010028_000060572067_00203_31820_5324.N1
11	DOR_NAV_0PNPDE20080401_224212_000060572067_00216_31833_5334.N1
12	DOR_NAV_0PNPDK20080401_111129_000054192067_00209_31826_6466.N1
13	DOR_NAV_0PNPDK20080401_124707_000057382067_00210_31827_6467.N1
14	DOR_NAV_0PNPDK20080401_173921_000057382067_00213_31830_6470.N1
15	DOR_NAV_0PNPDK20080401_192018_000057382067_00214_31831_6471.N1
16	DOR_NAV_0PNPDK20080401_210115_000057382067_00215_31832_6472.N1
	ATT (ATTITUDE_FILE)
17	NOT USED



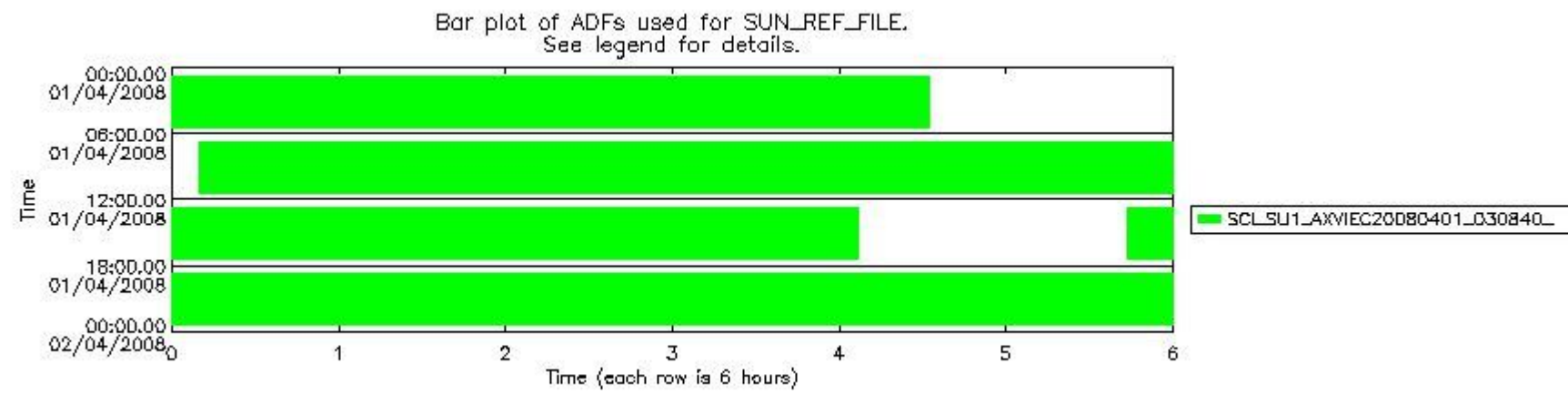
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_41.PNG



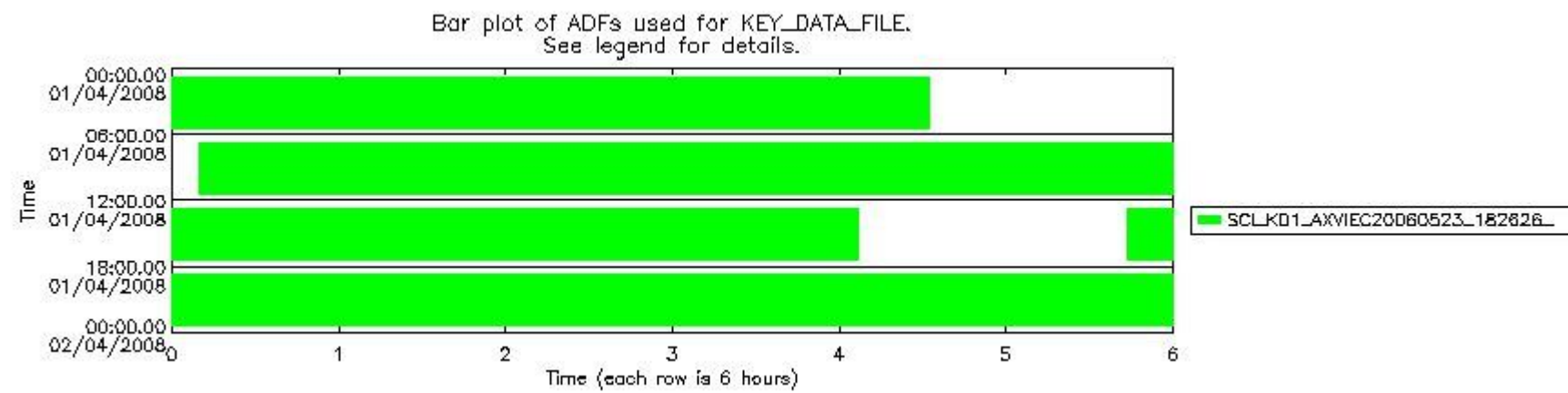
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_42.PNG



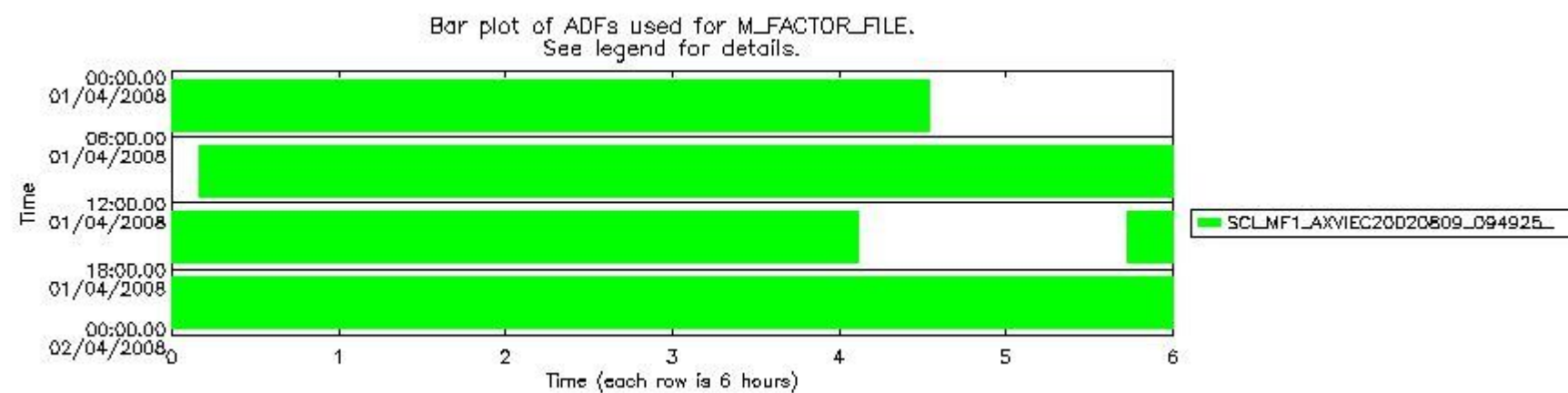
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_43.PNG



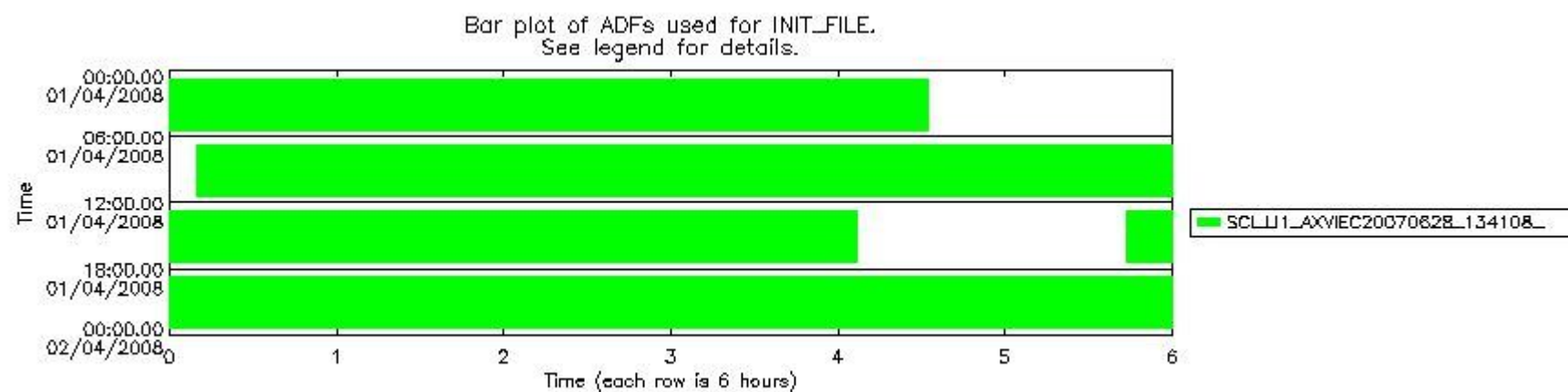
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_44.PNG



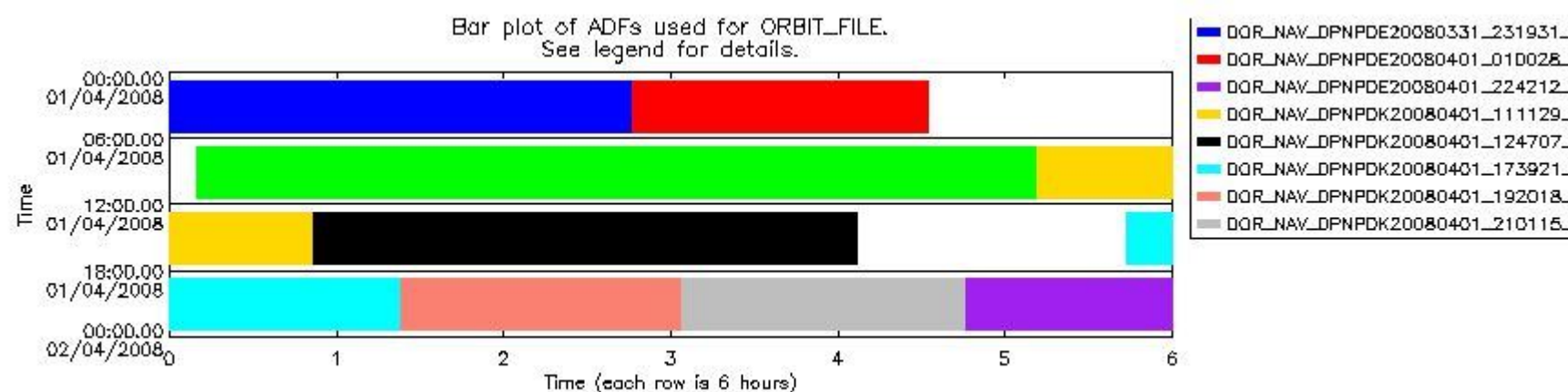
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_45.PNG



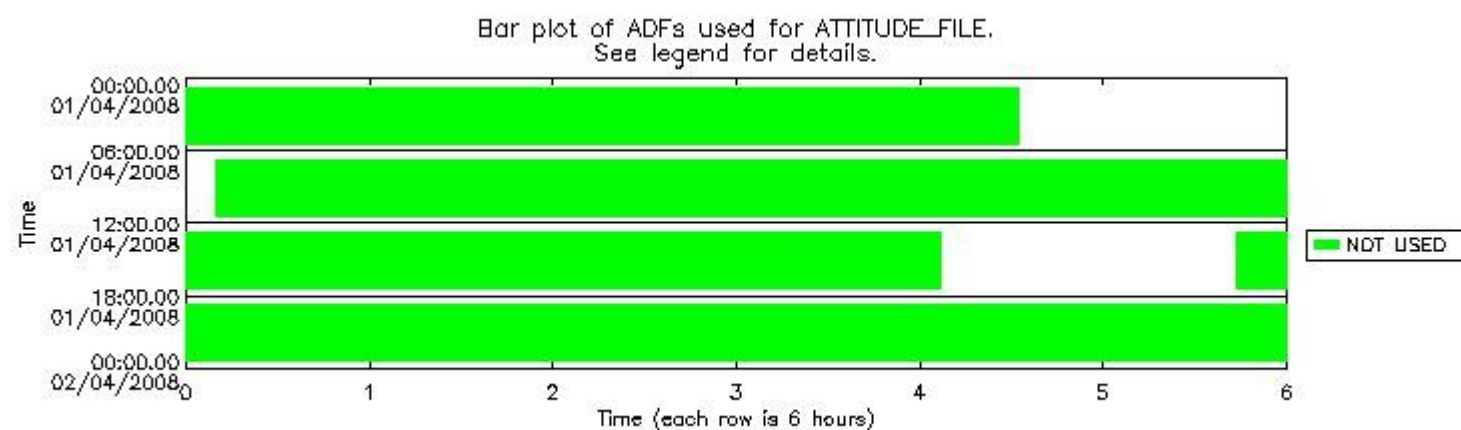
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_46.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_47.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080401_48.PNG



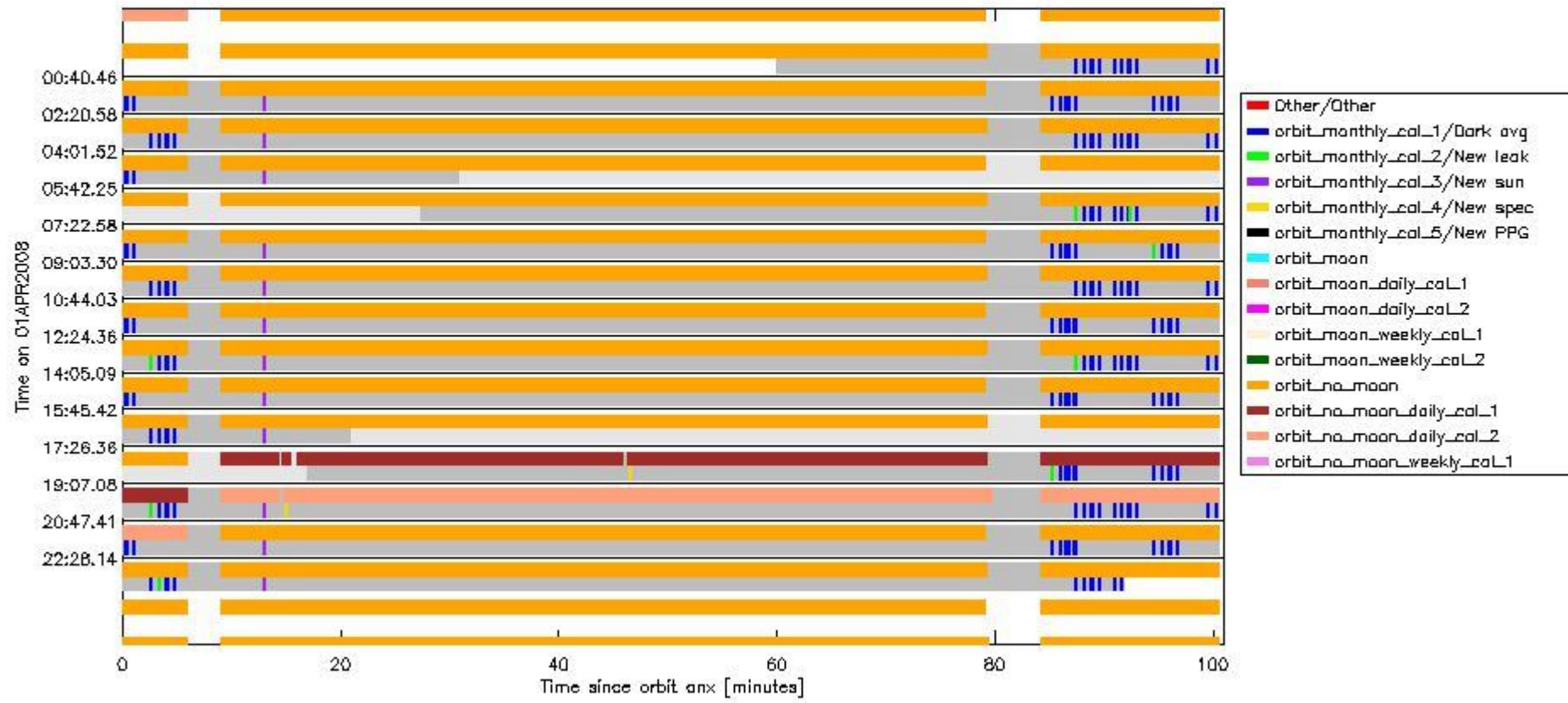
sciamachy_daily_report_level1_SCIA_6_03_N_20080401_49.PNG

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.

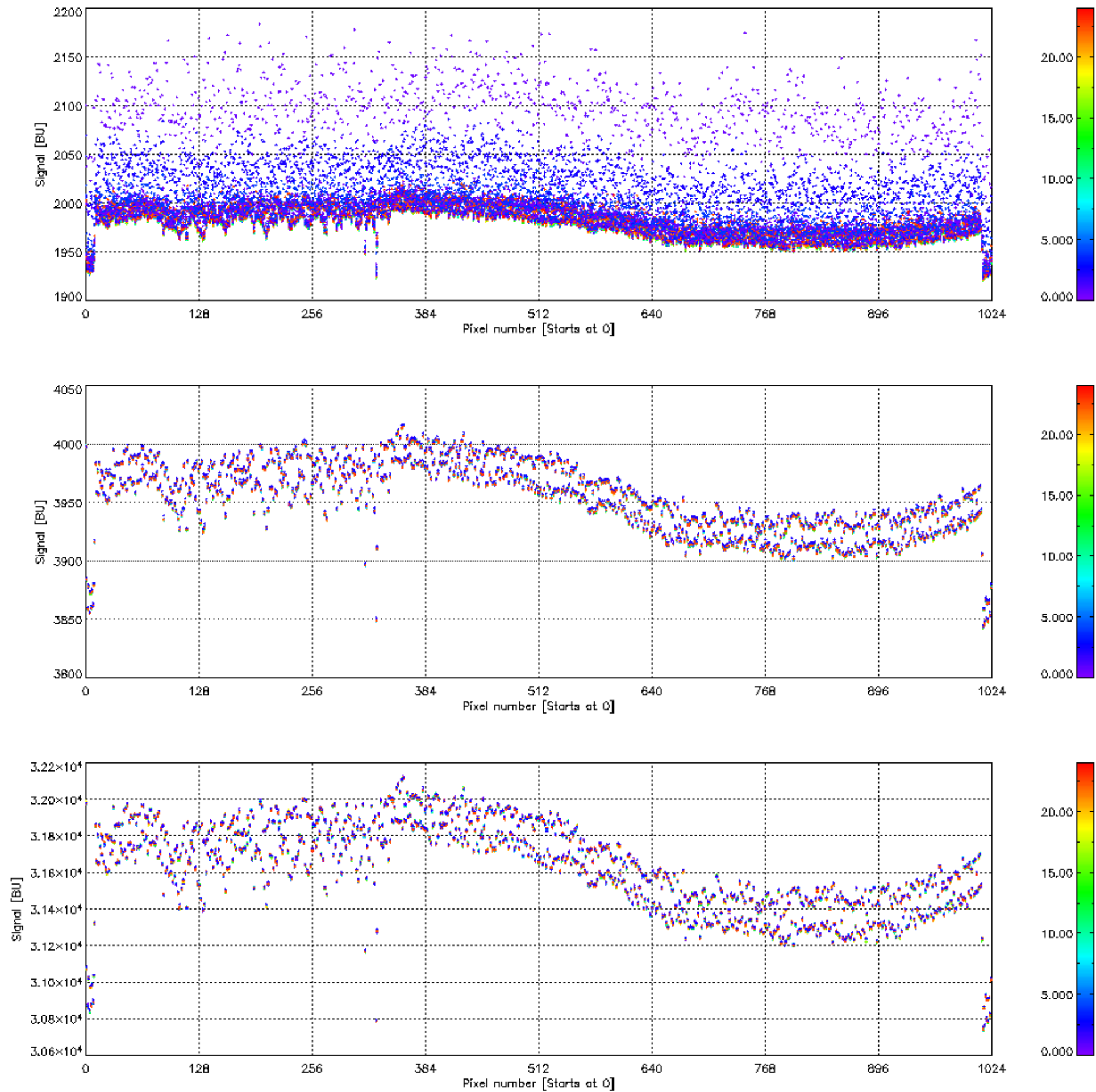
The following plot gives an overview of planned activities and actual special measurements in the Level 1 products. The planning is taken from the DMOP files, and interpreted using information from OSDF files.

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 01APR2008.
 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.

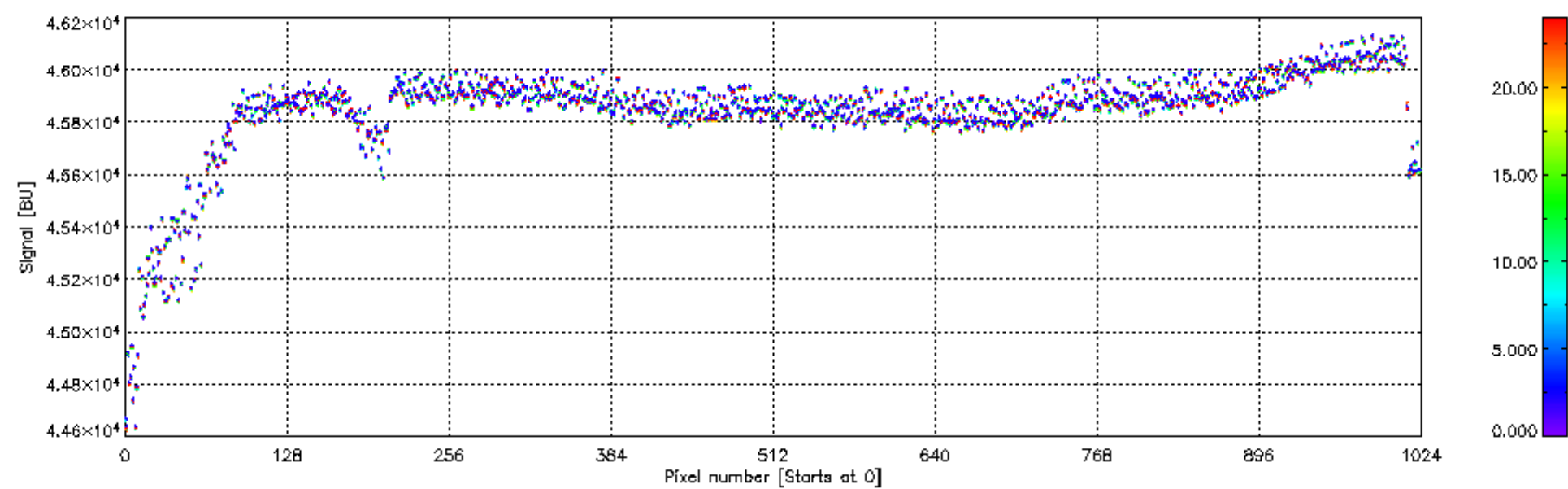
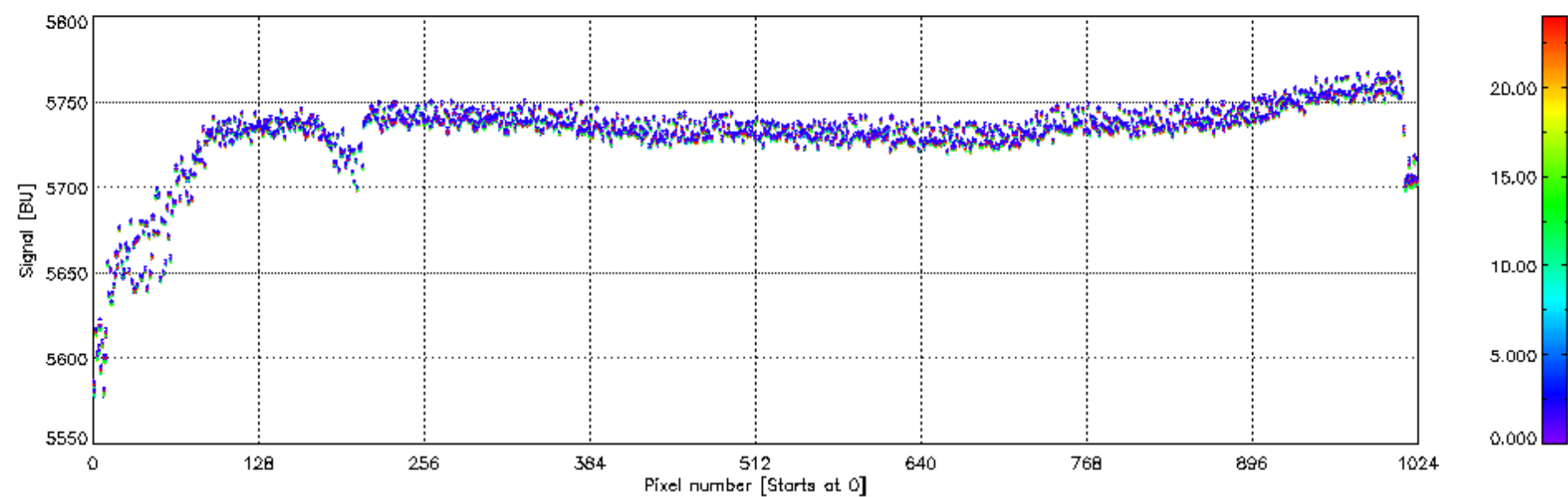
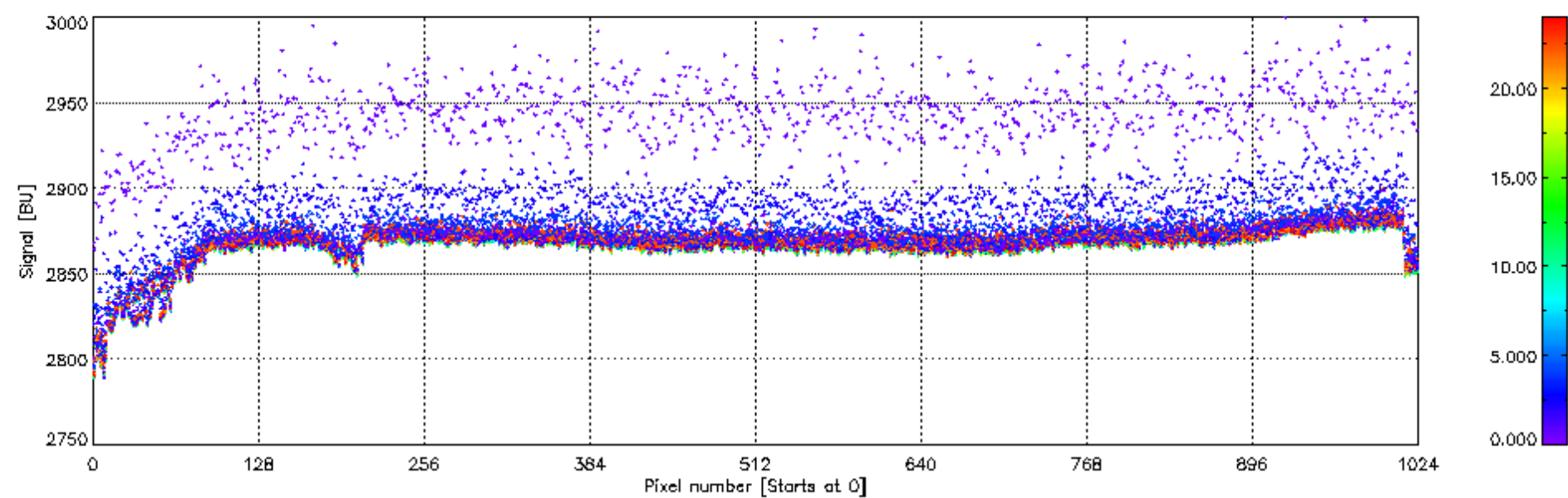


sciamachy_daily_report_level1_SCIA_6_03_N_20080401_50.PNG

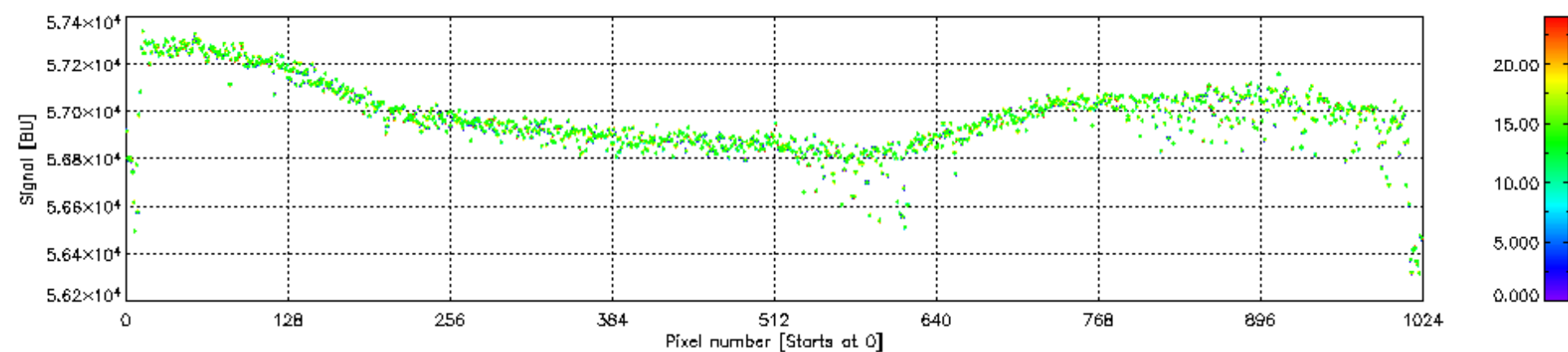
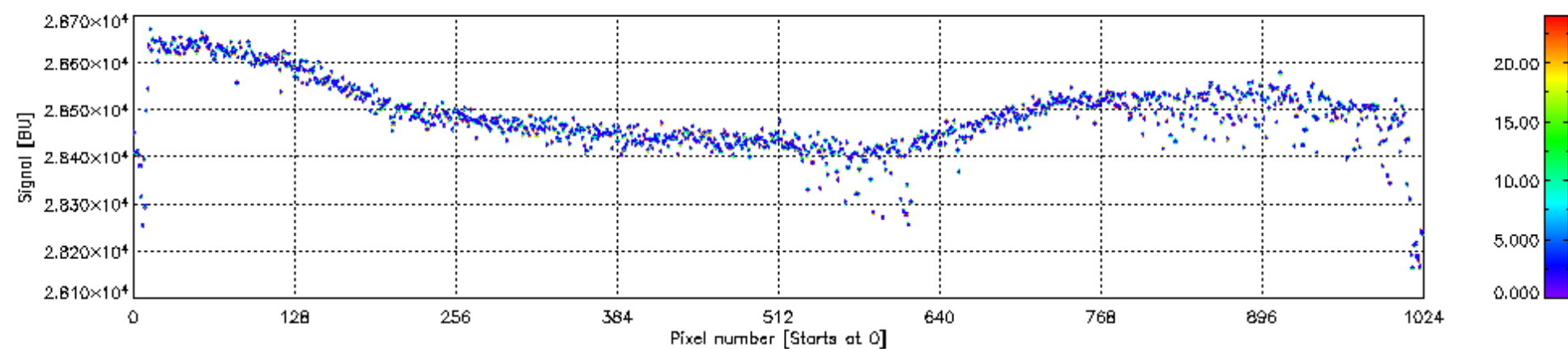
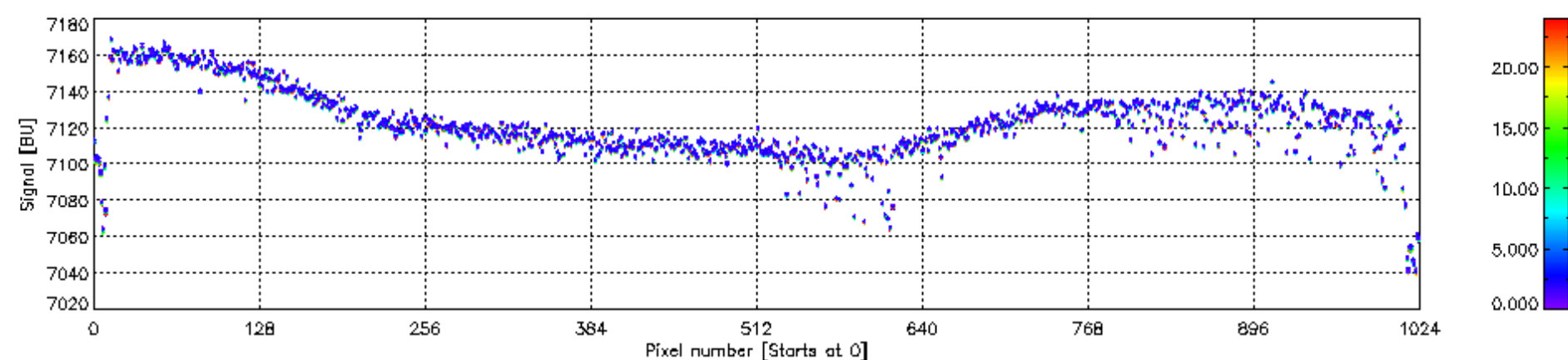
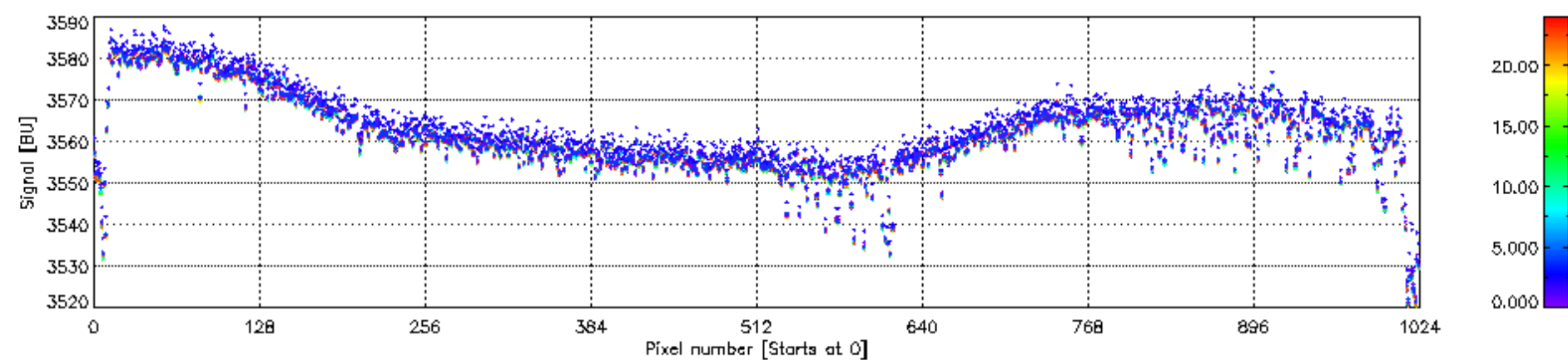
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



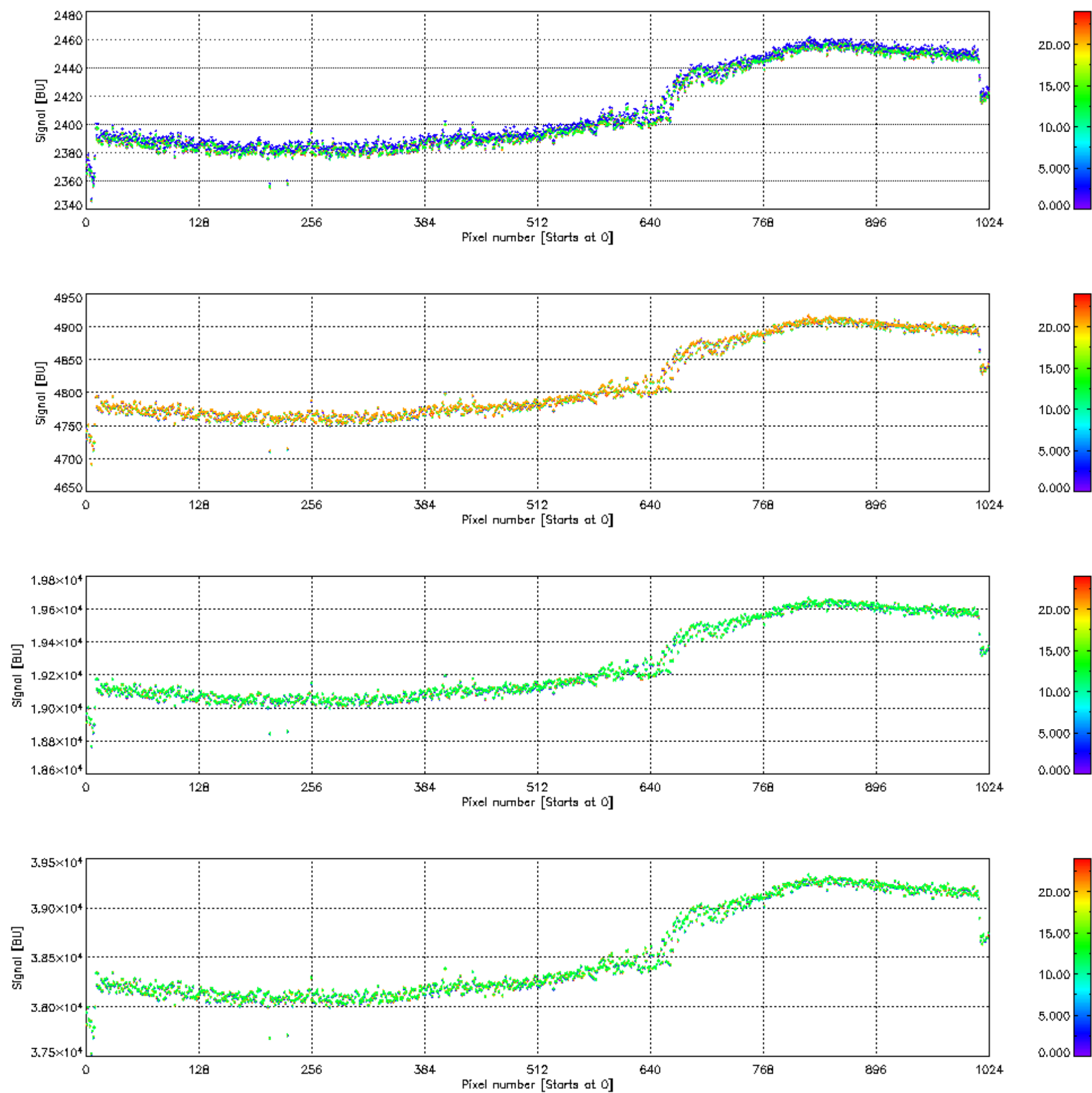
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



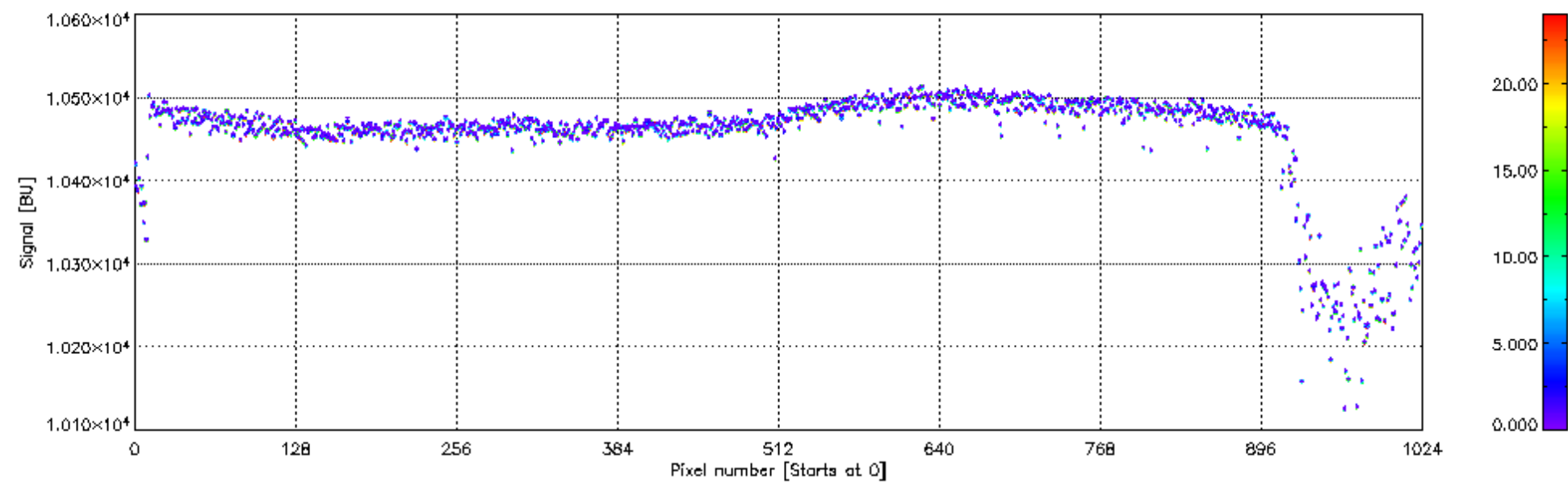
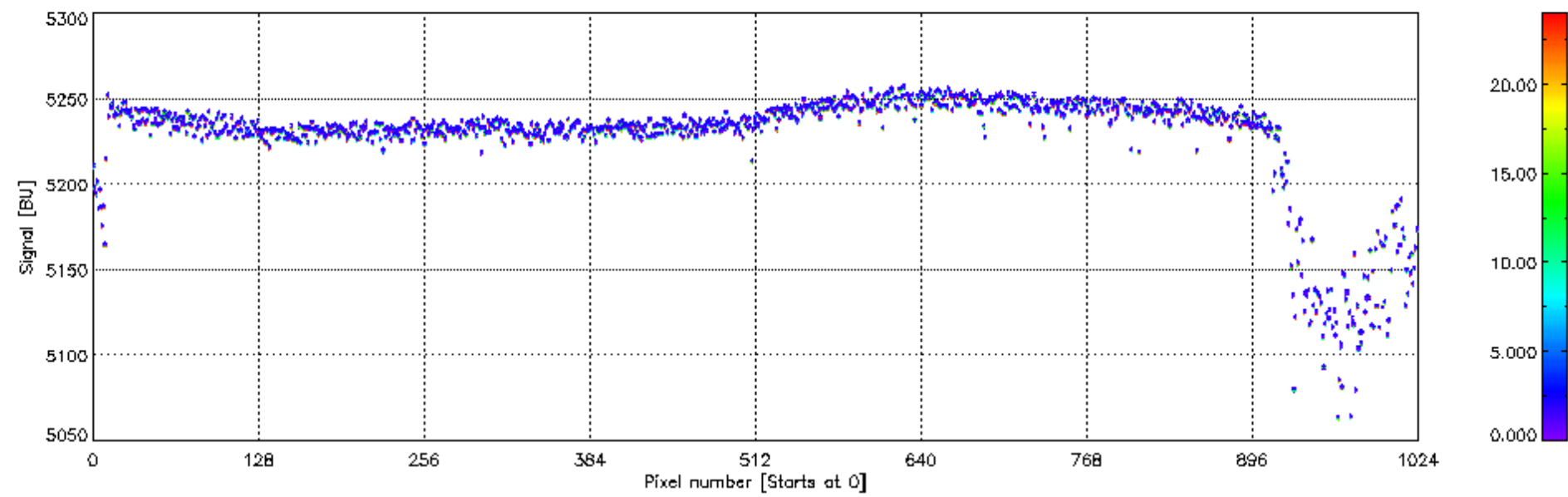
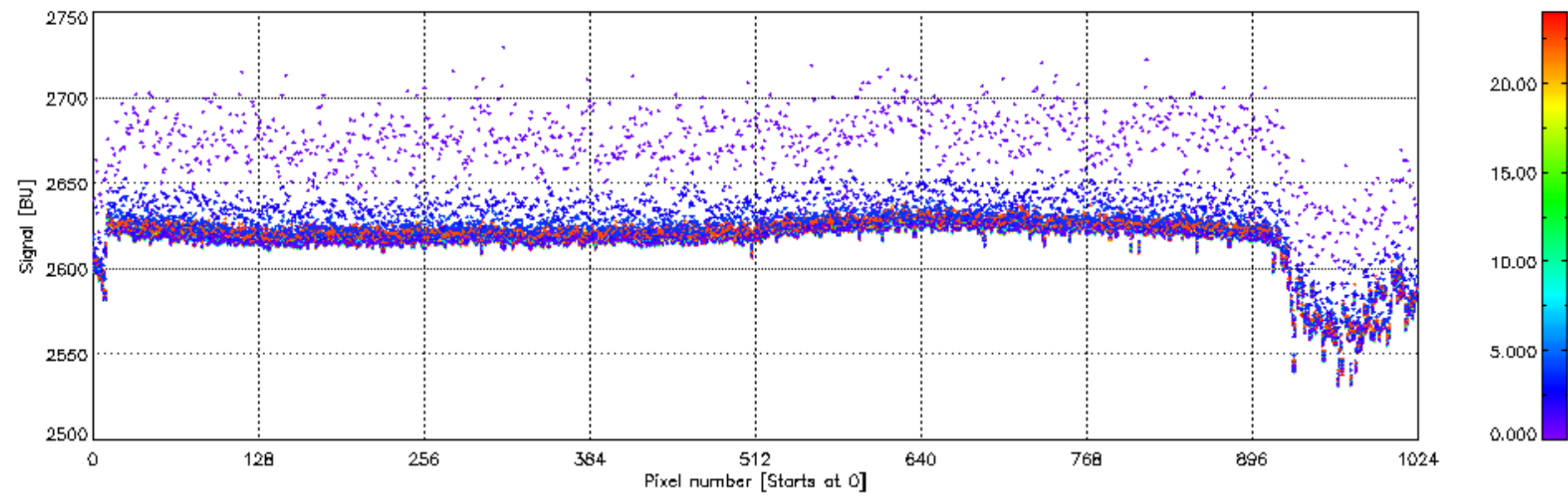
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



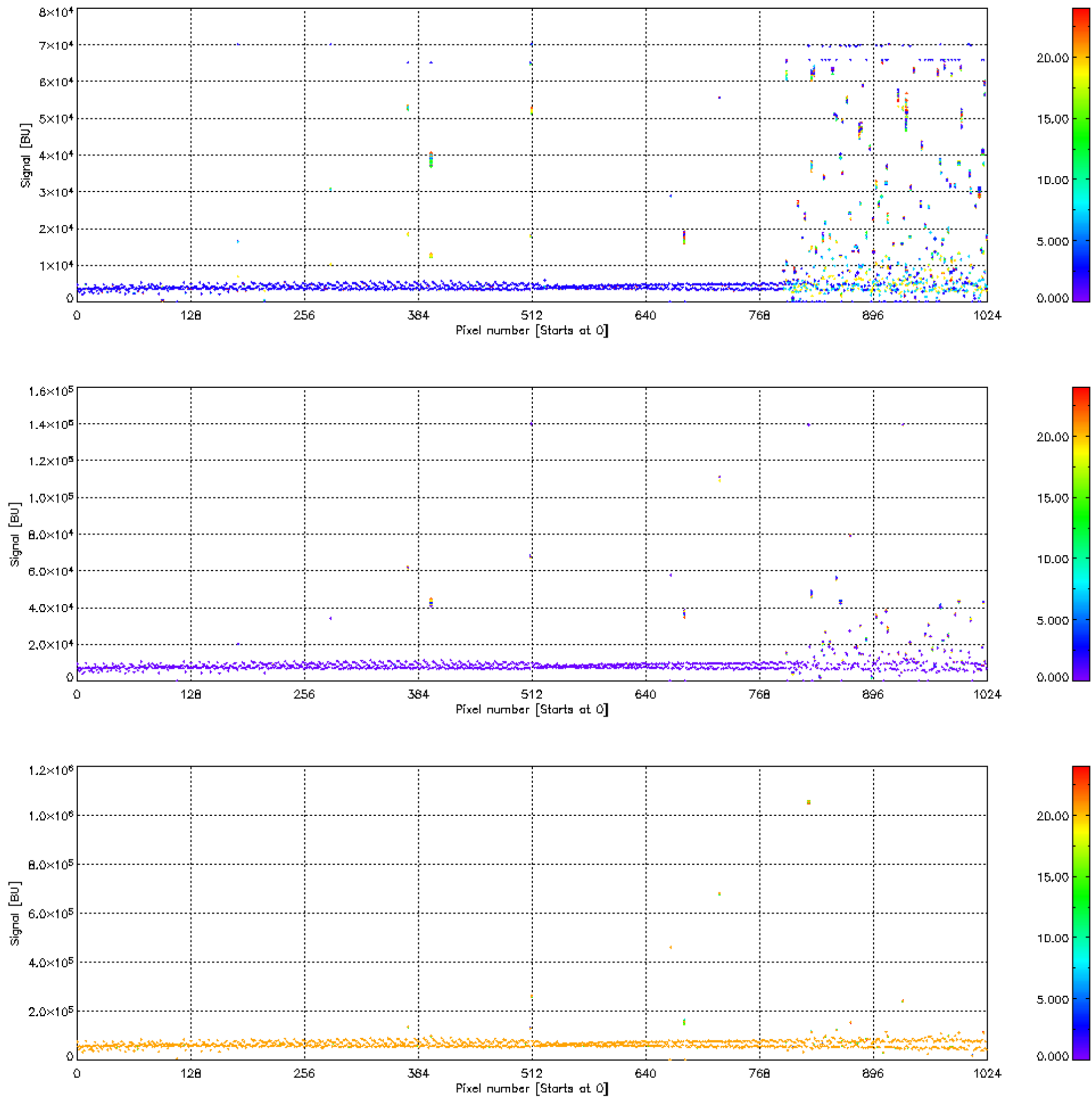
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



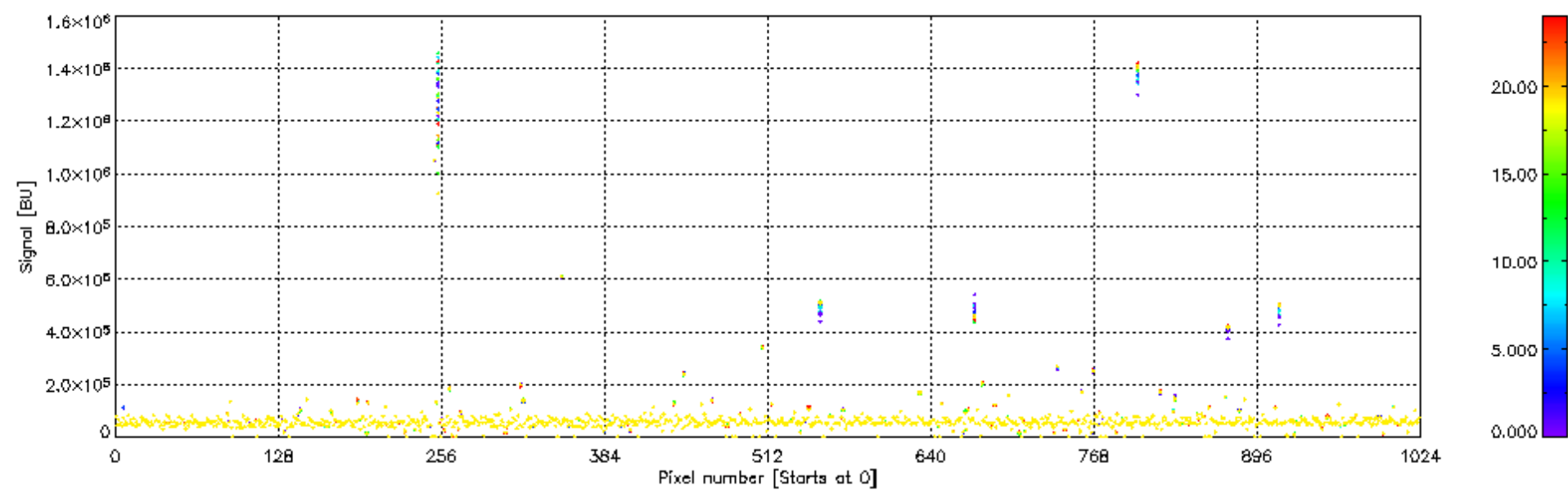
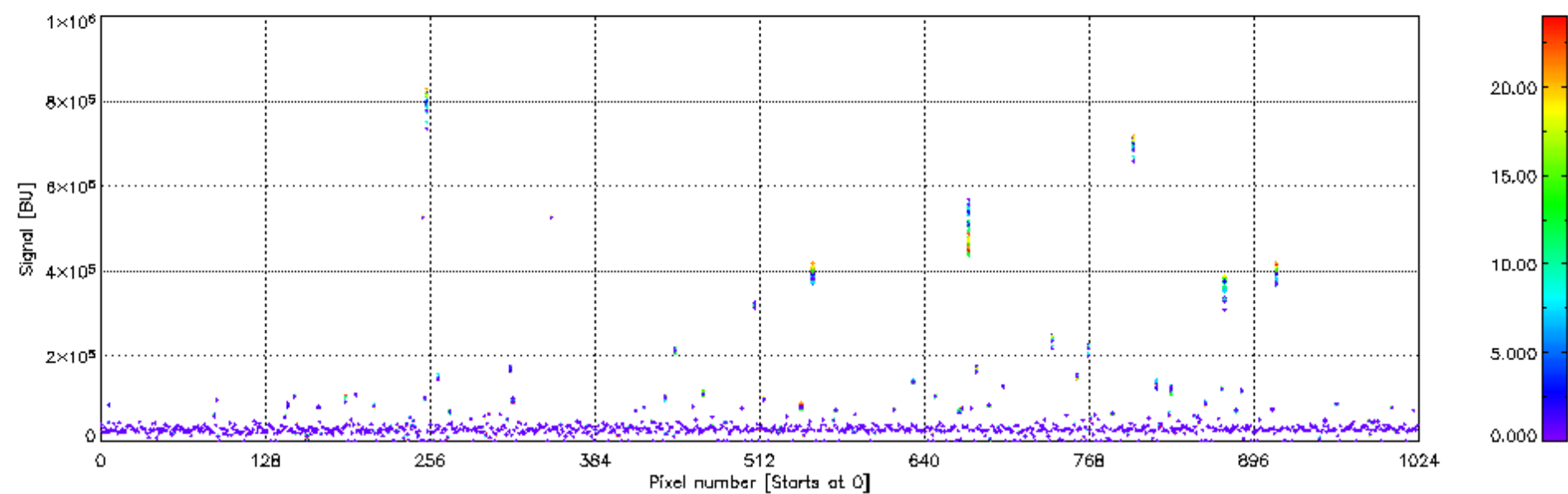
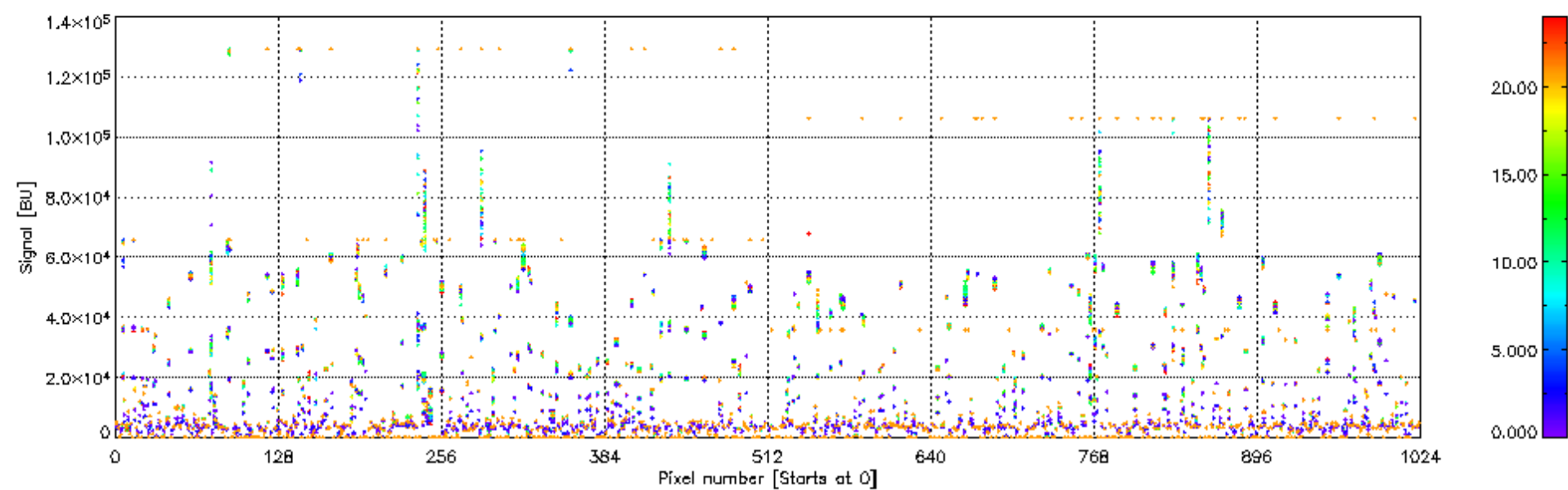
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



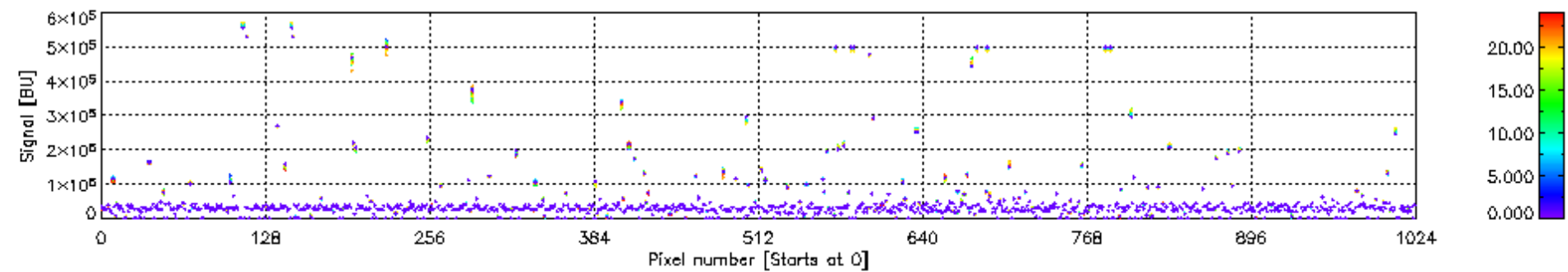
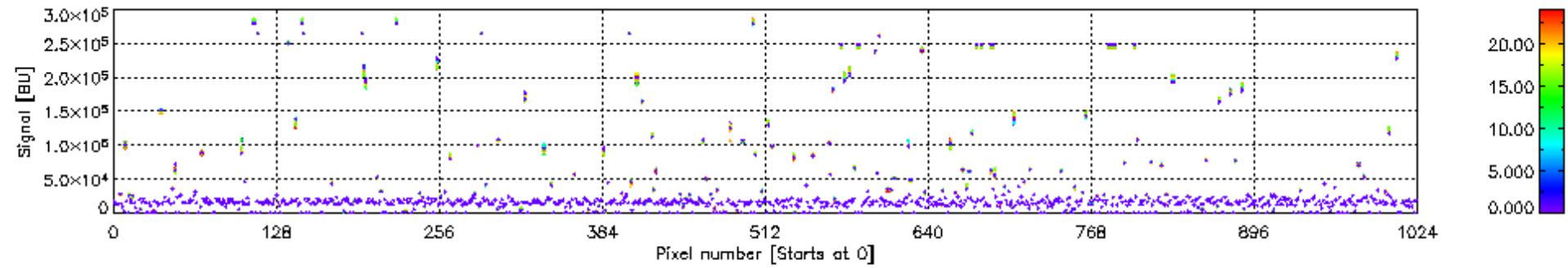
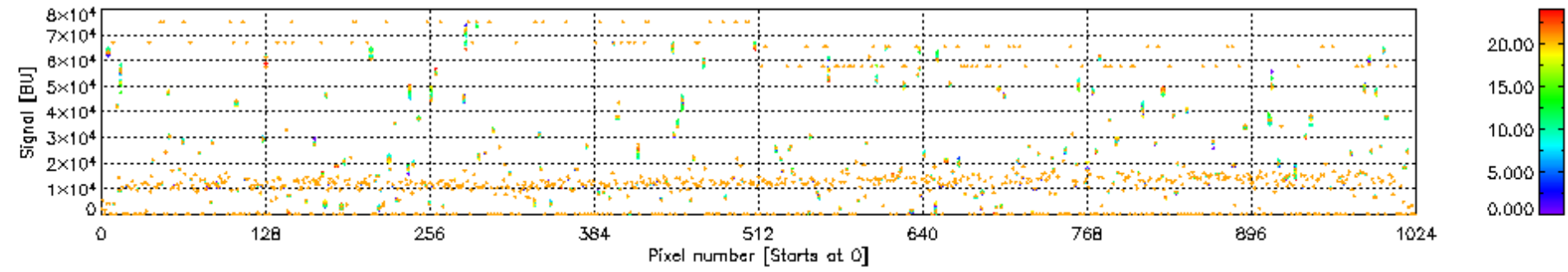
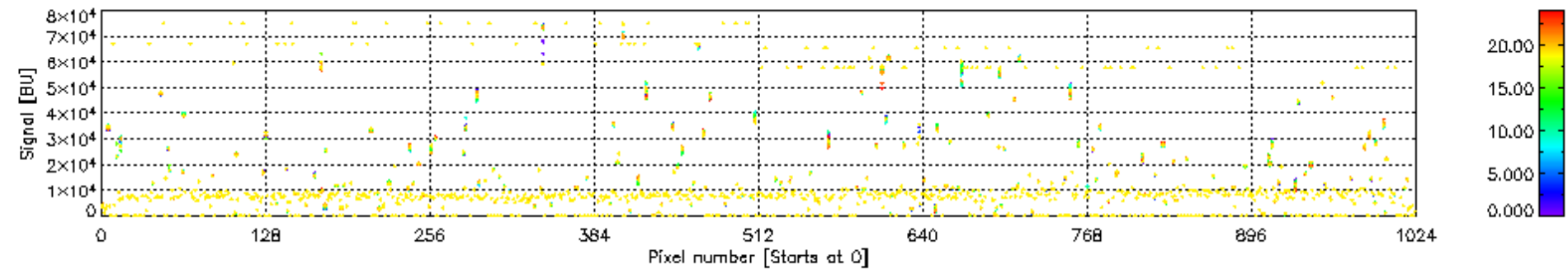
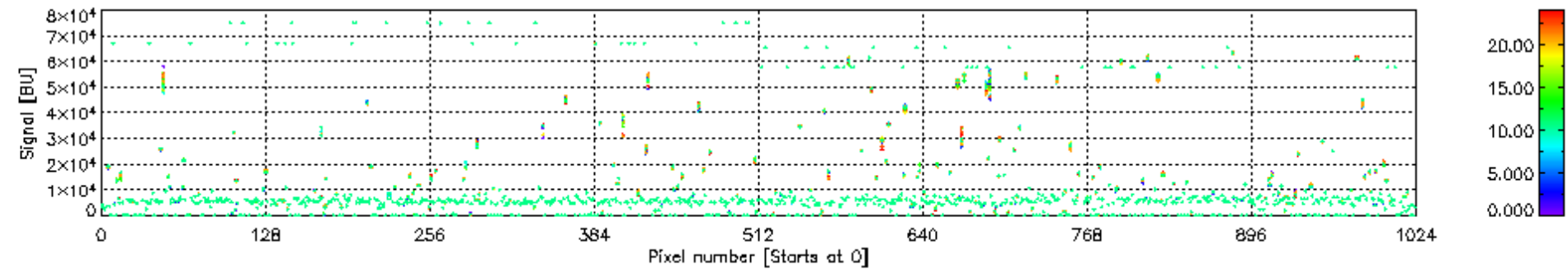
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00



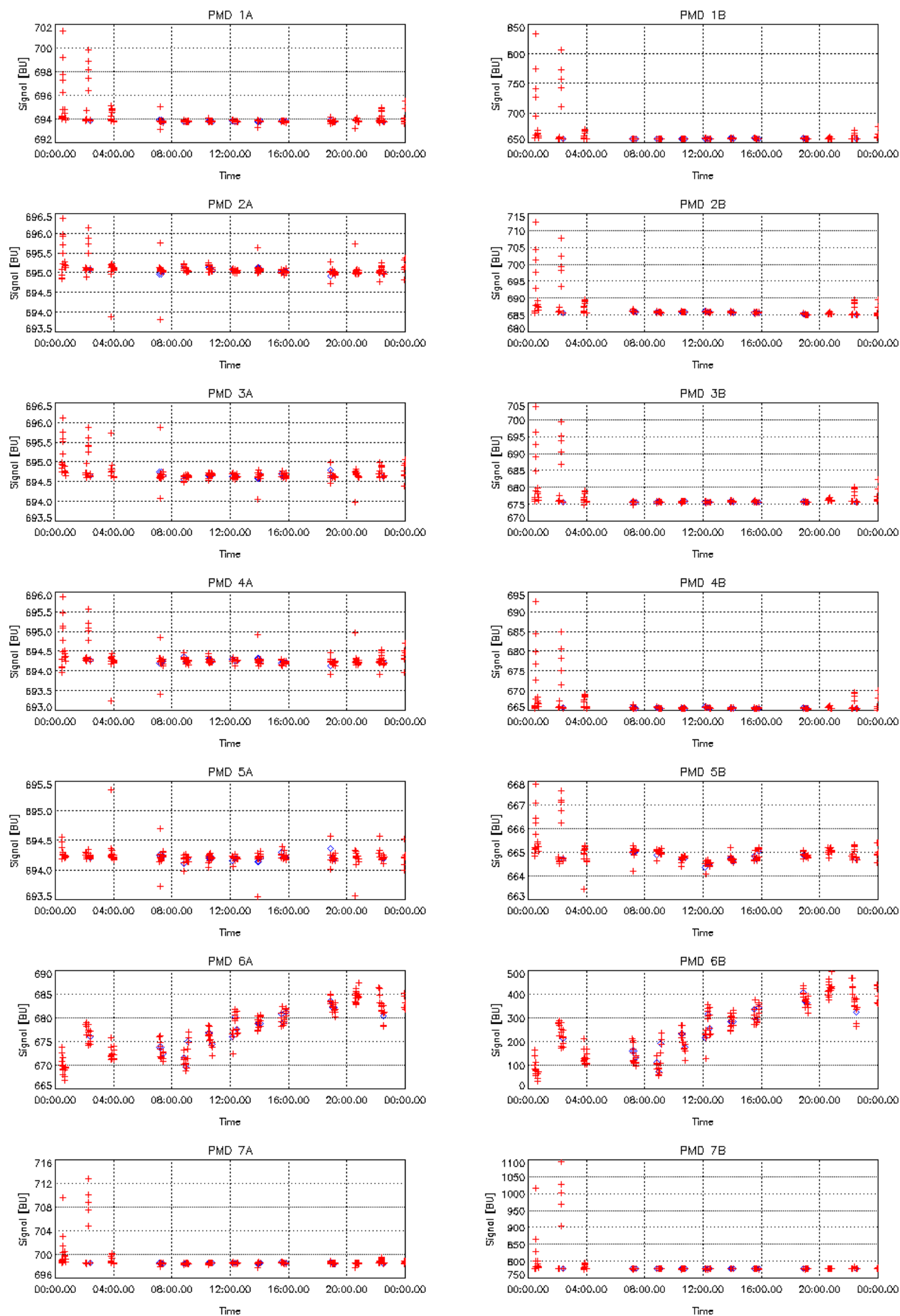
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00

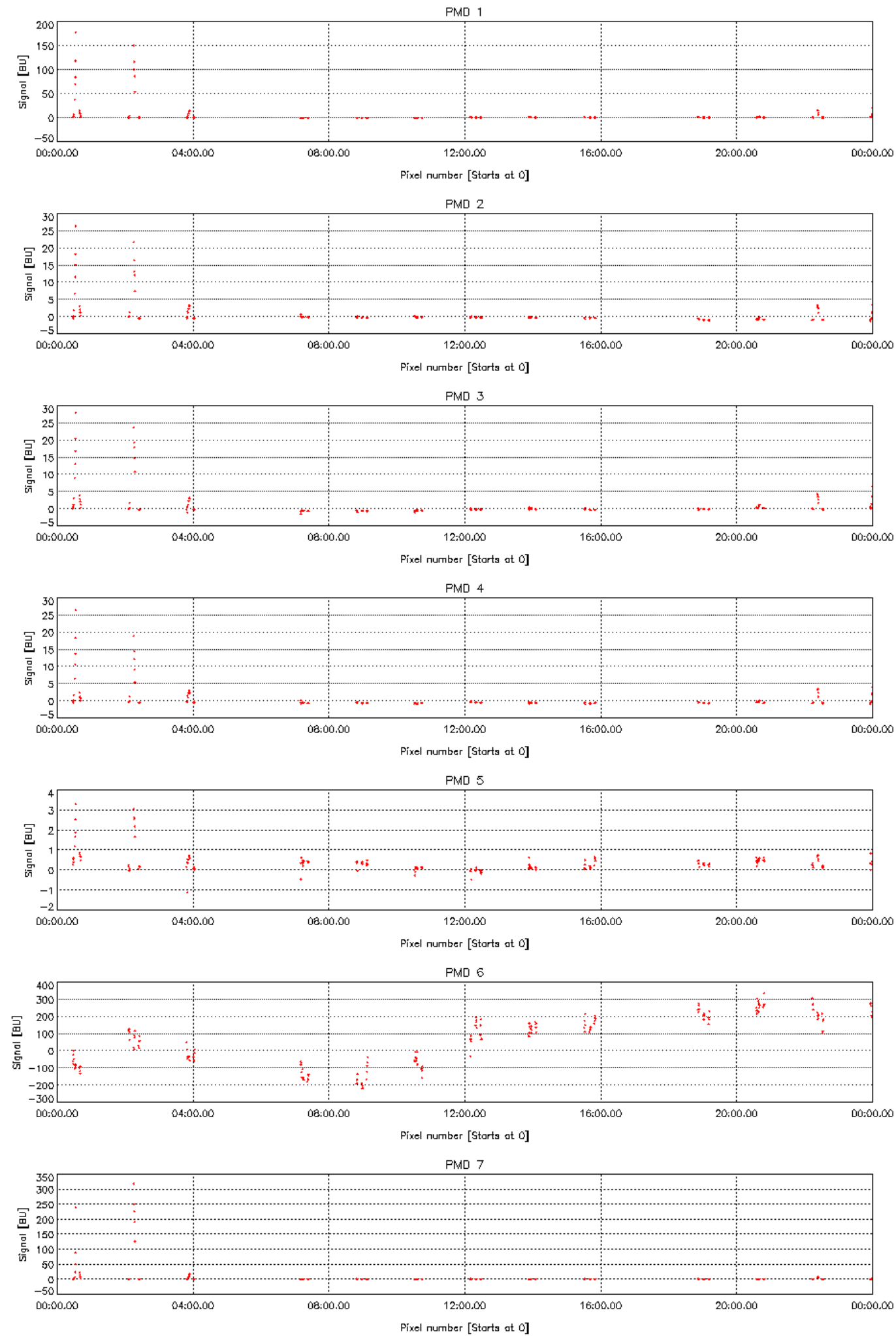


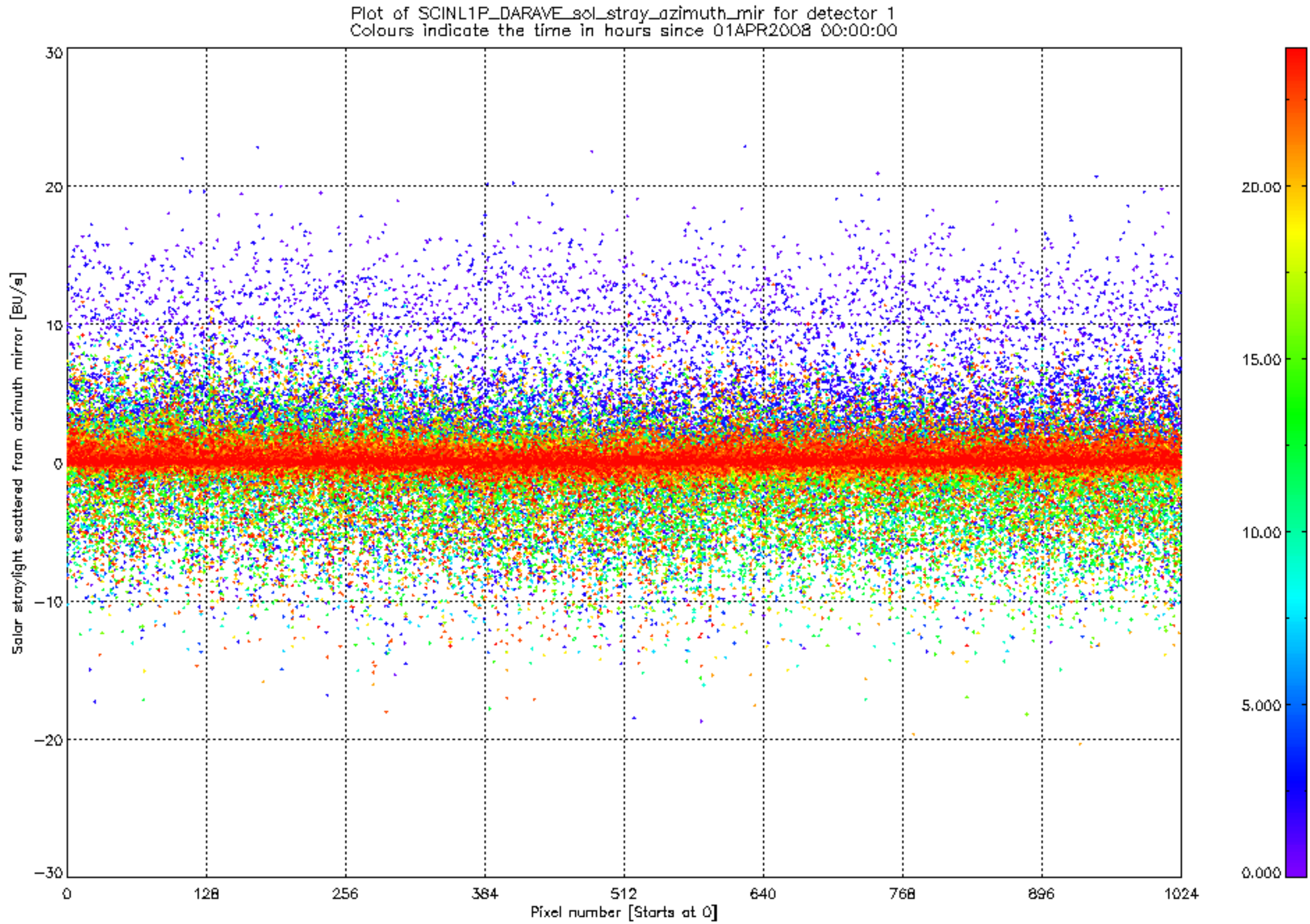
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 01APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 01APR2008 00:00:00

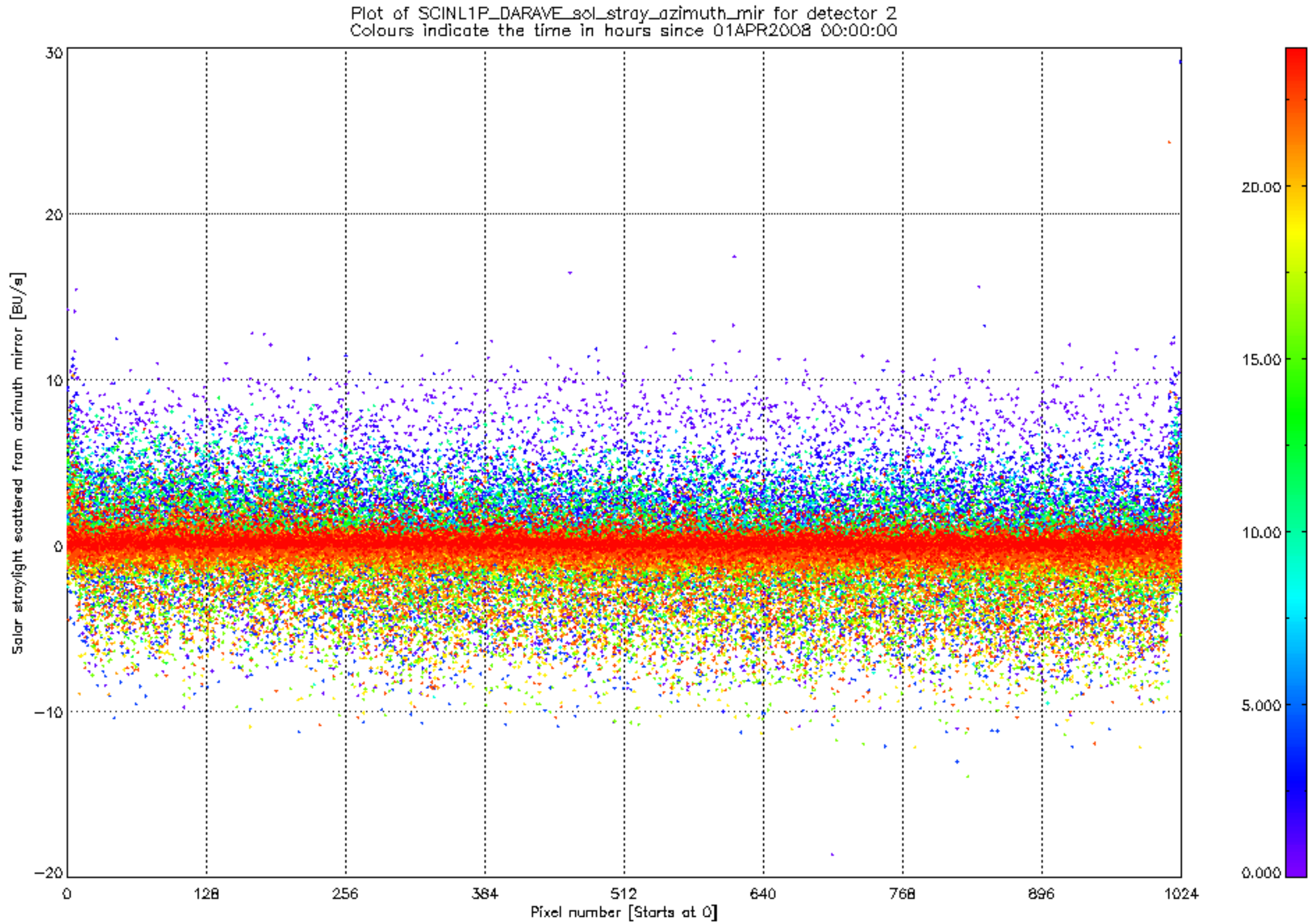


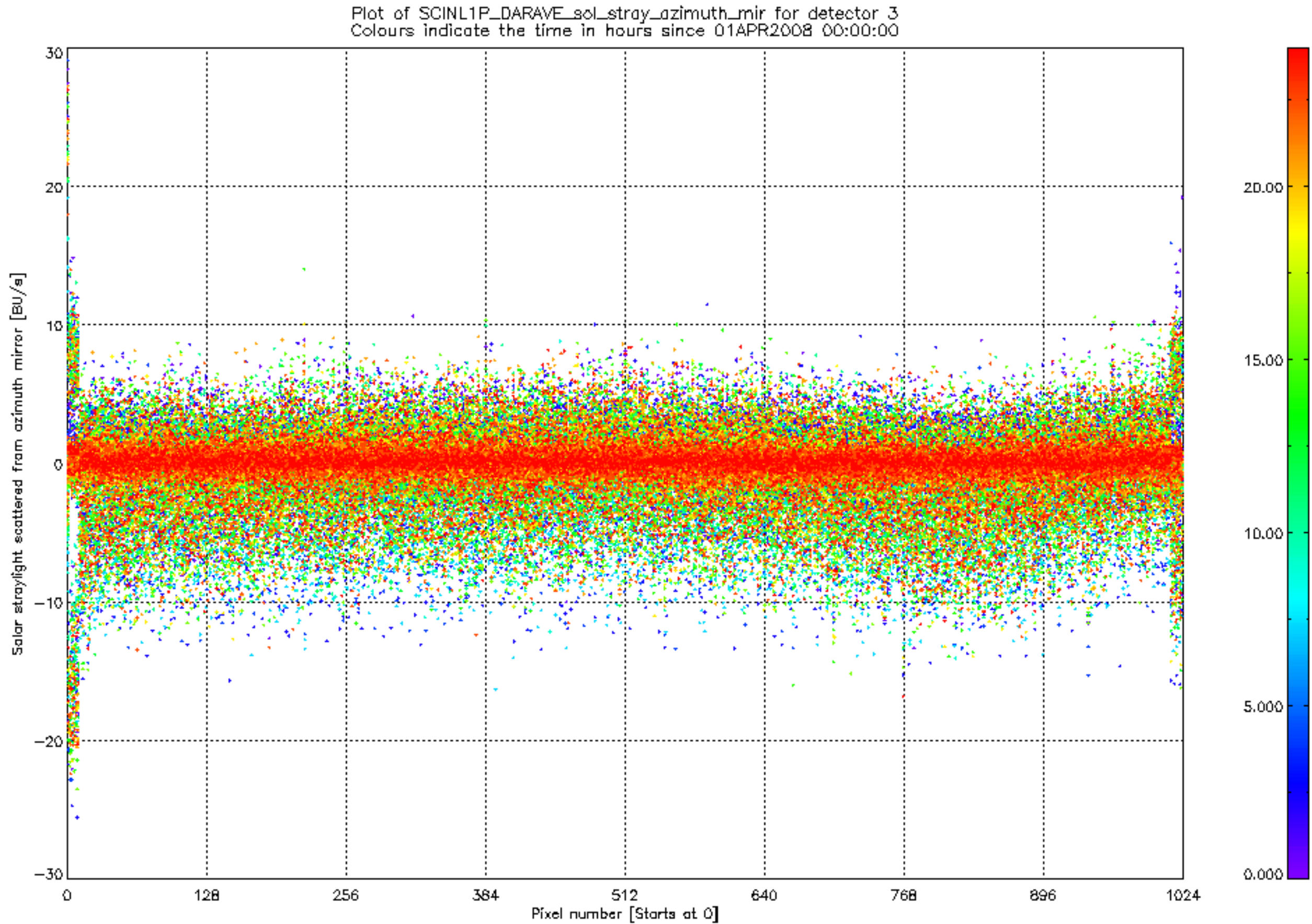
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 01APR2008 (red).
New leakage current offset data is given in blue for comparison.

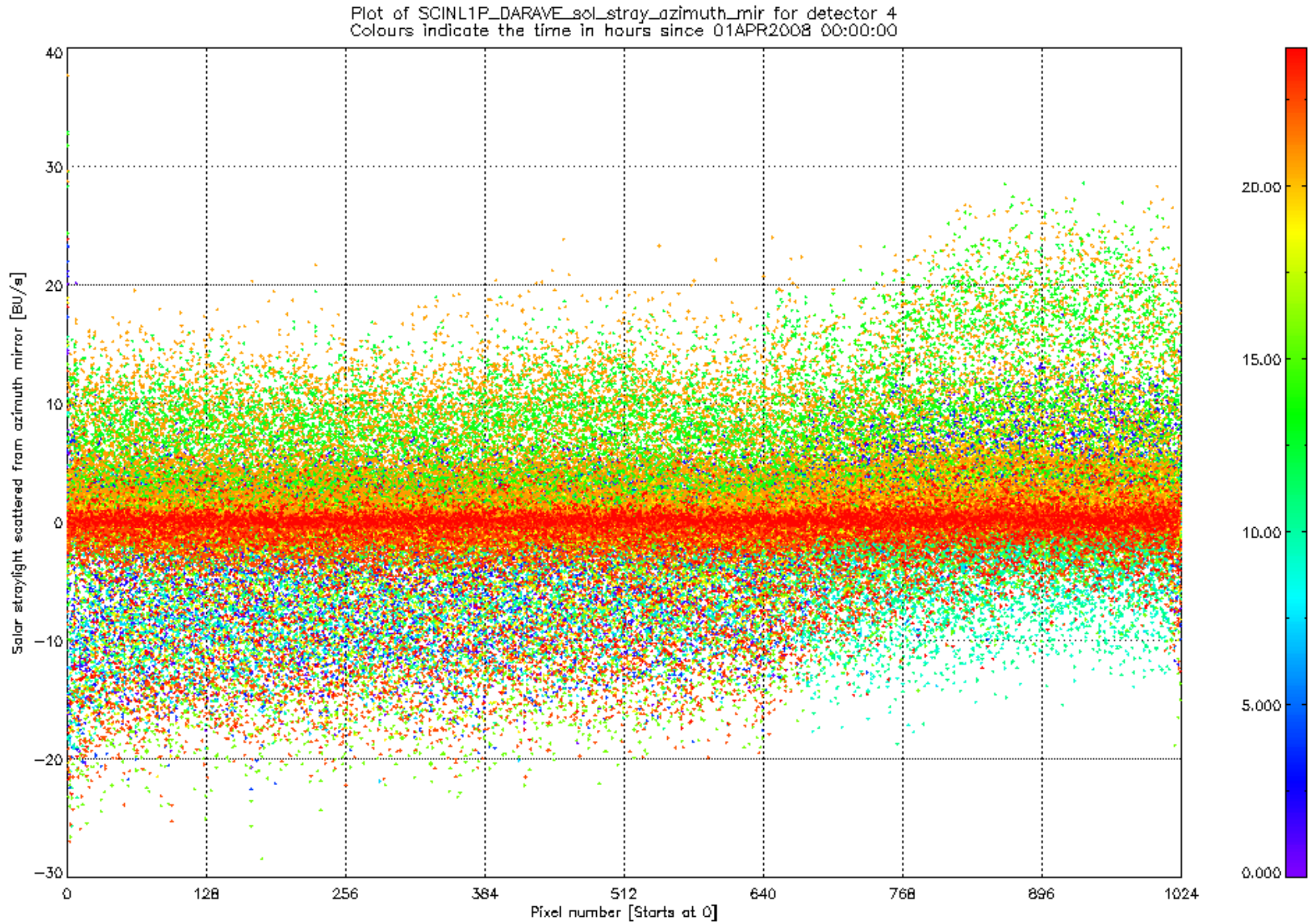


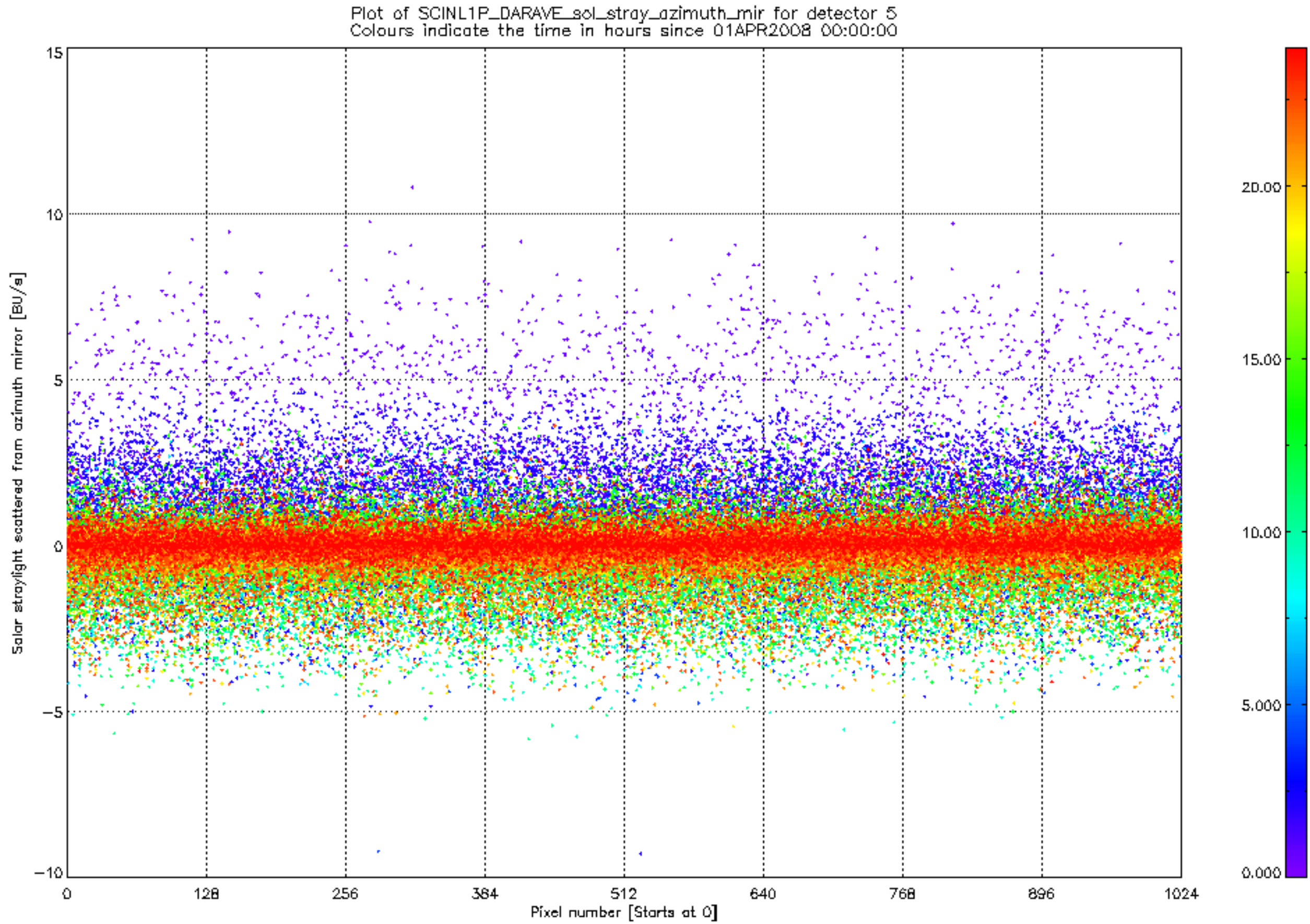


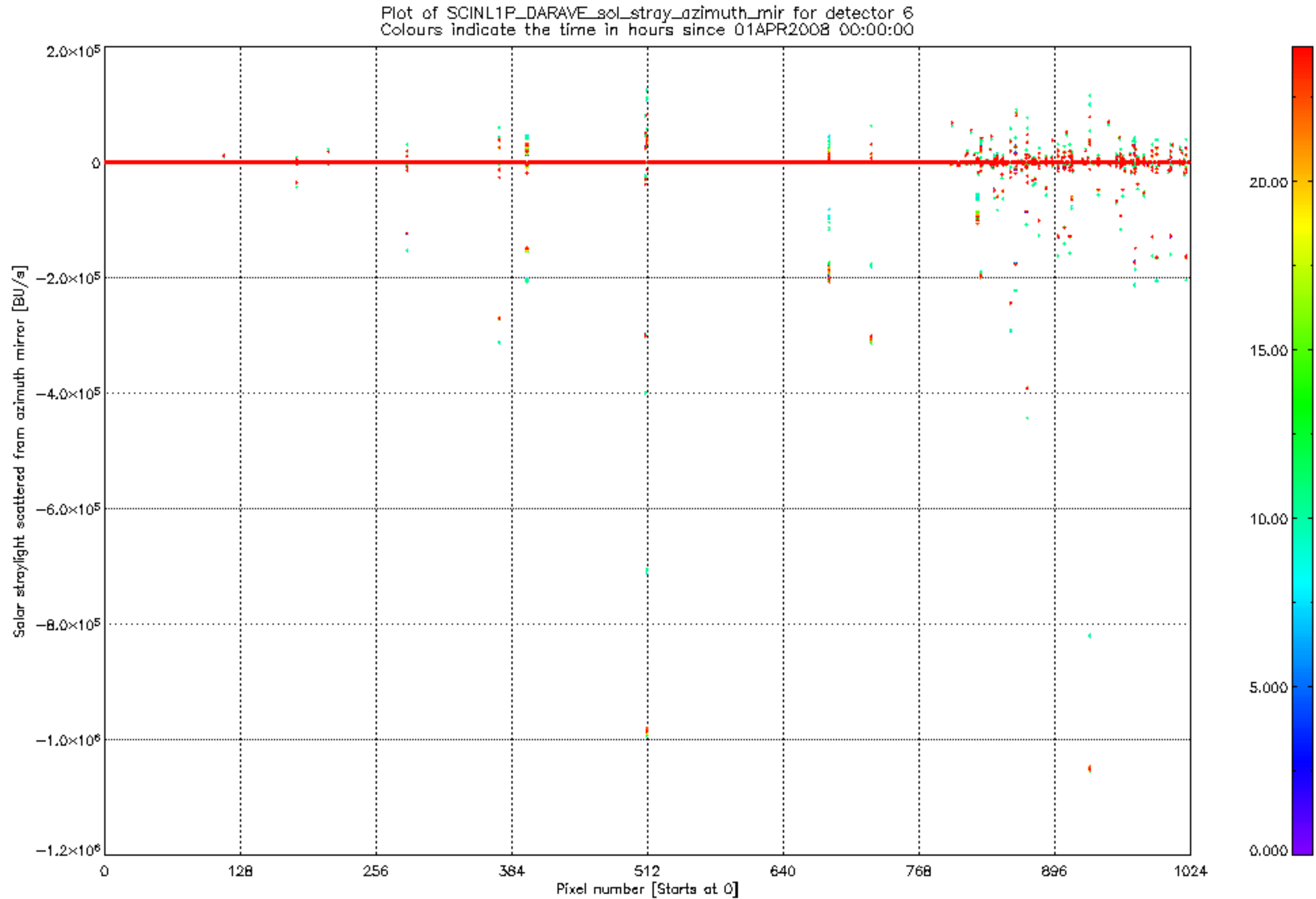




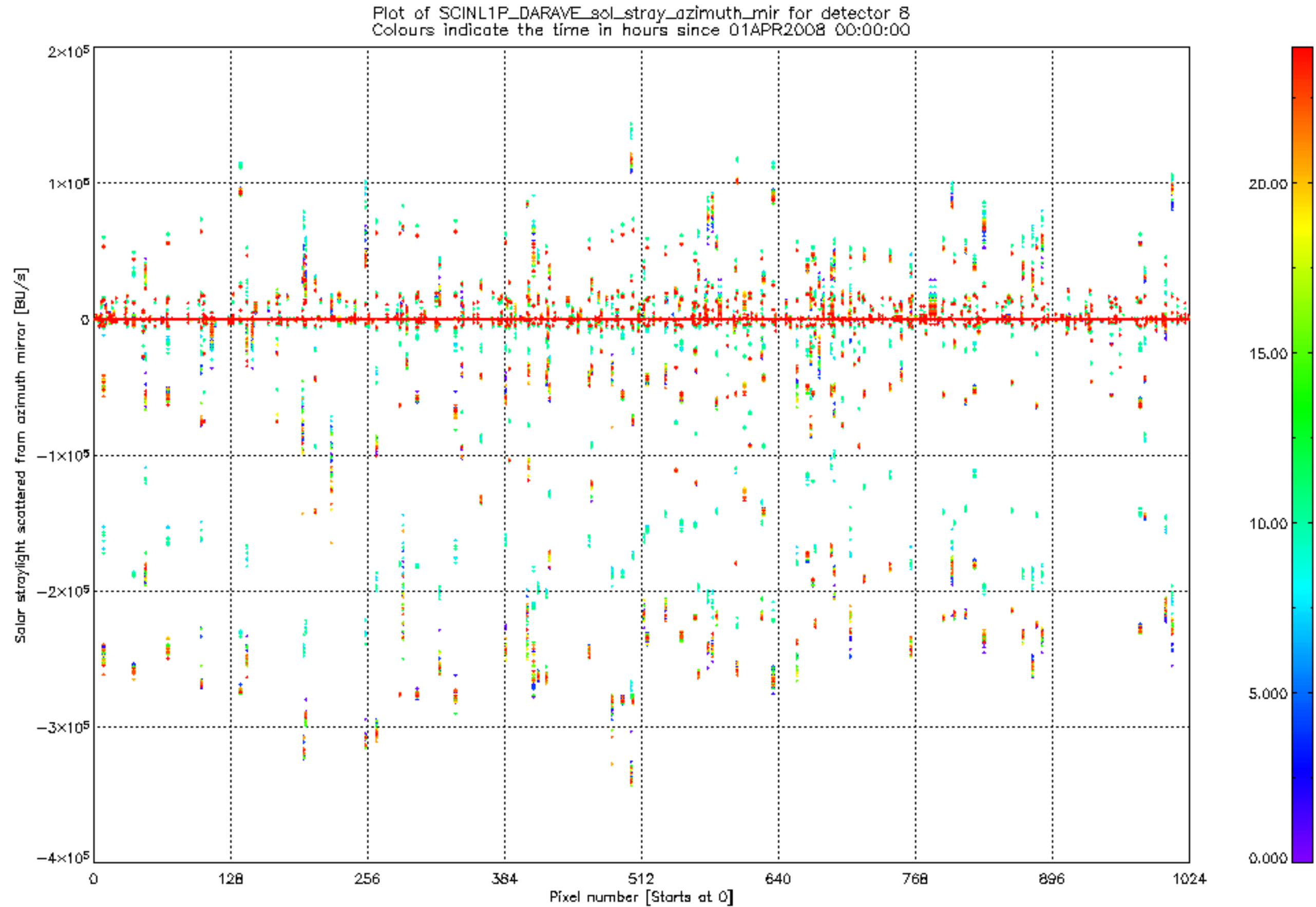


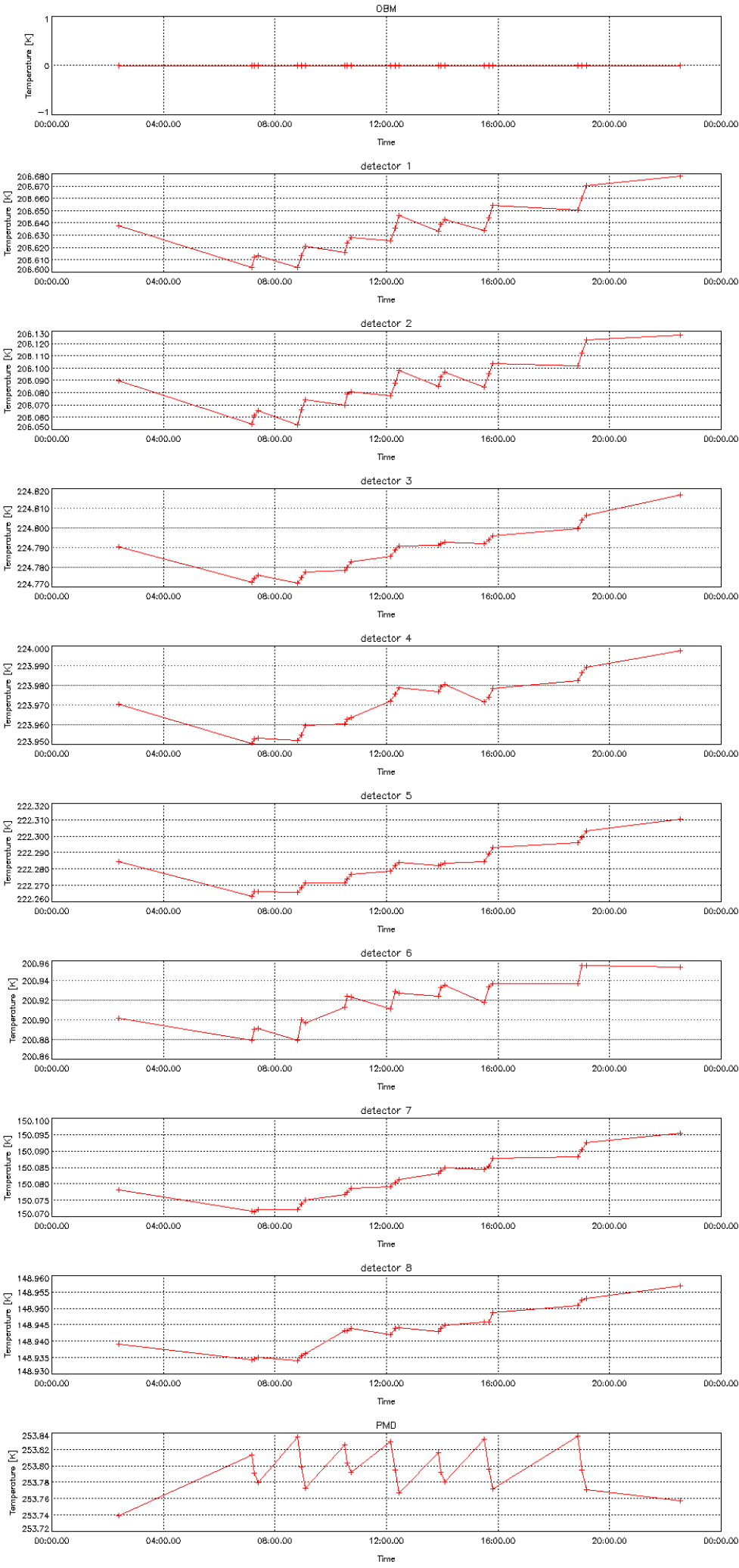




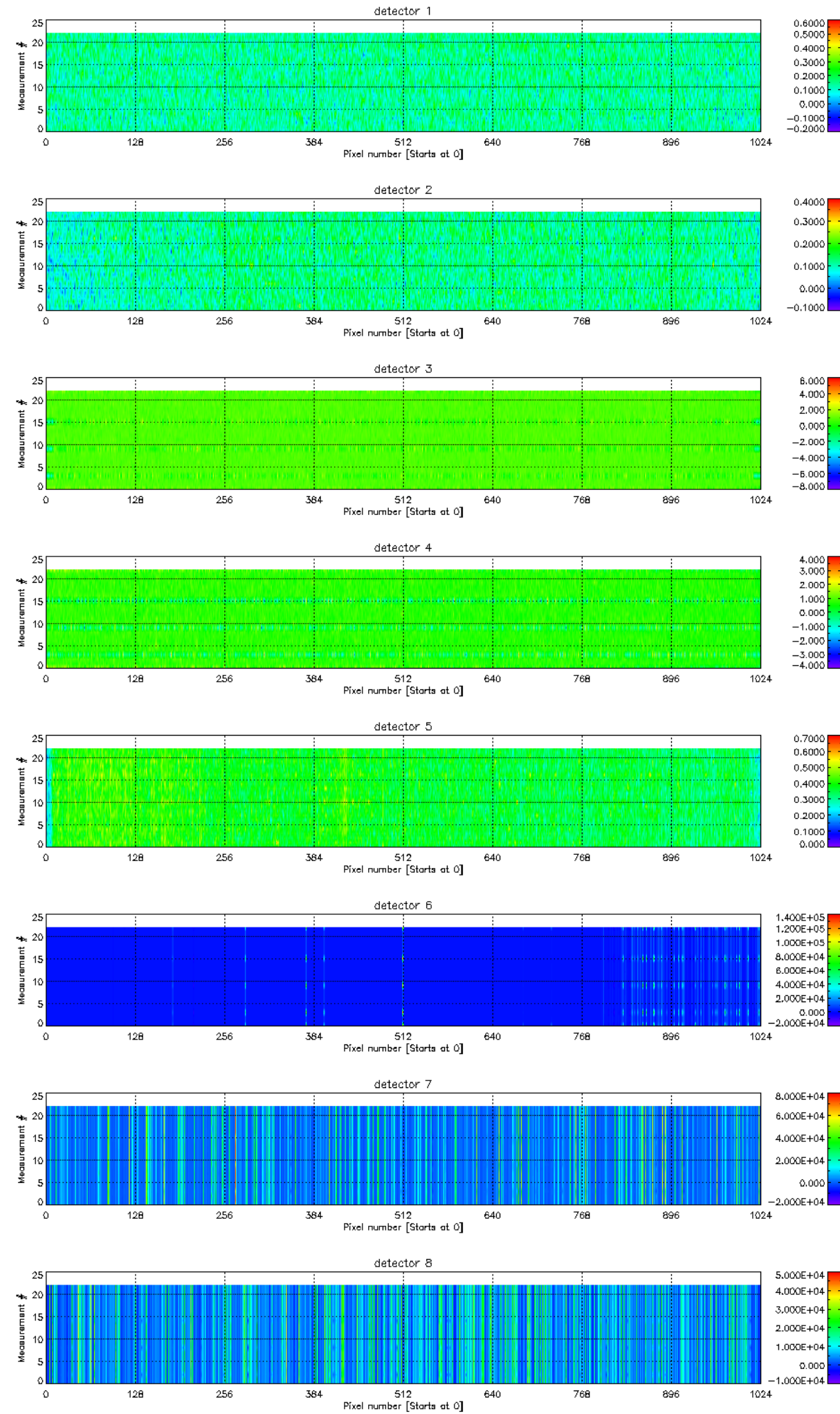




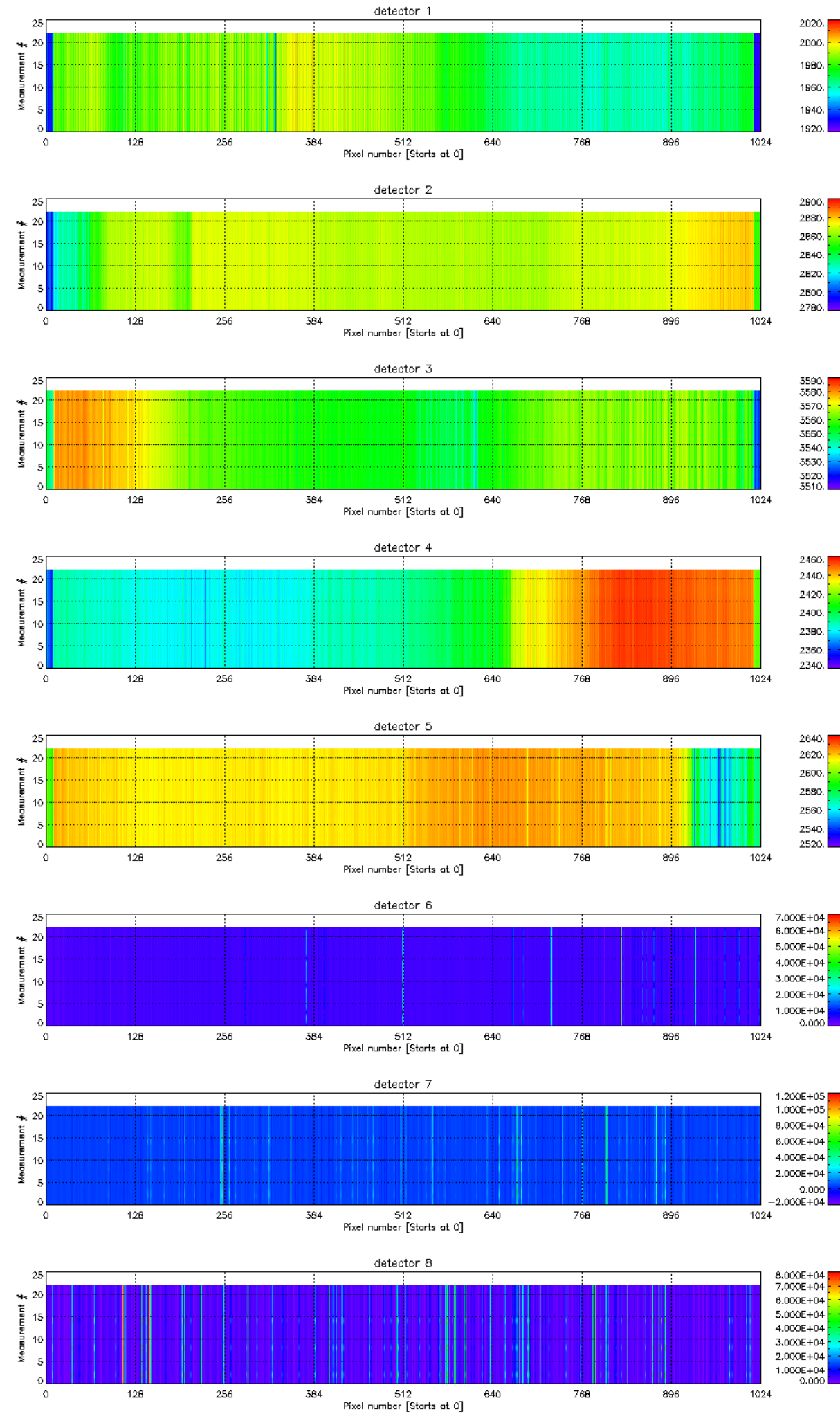




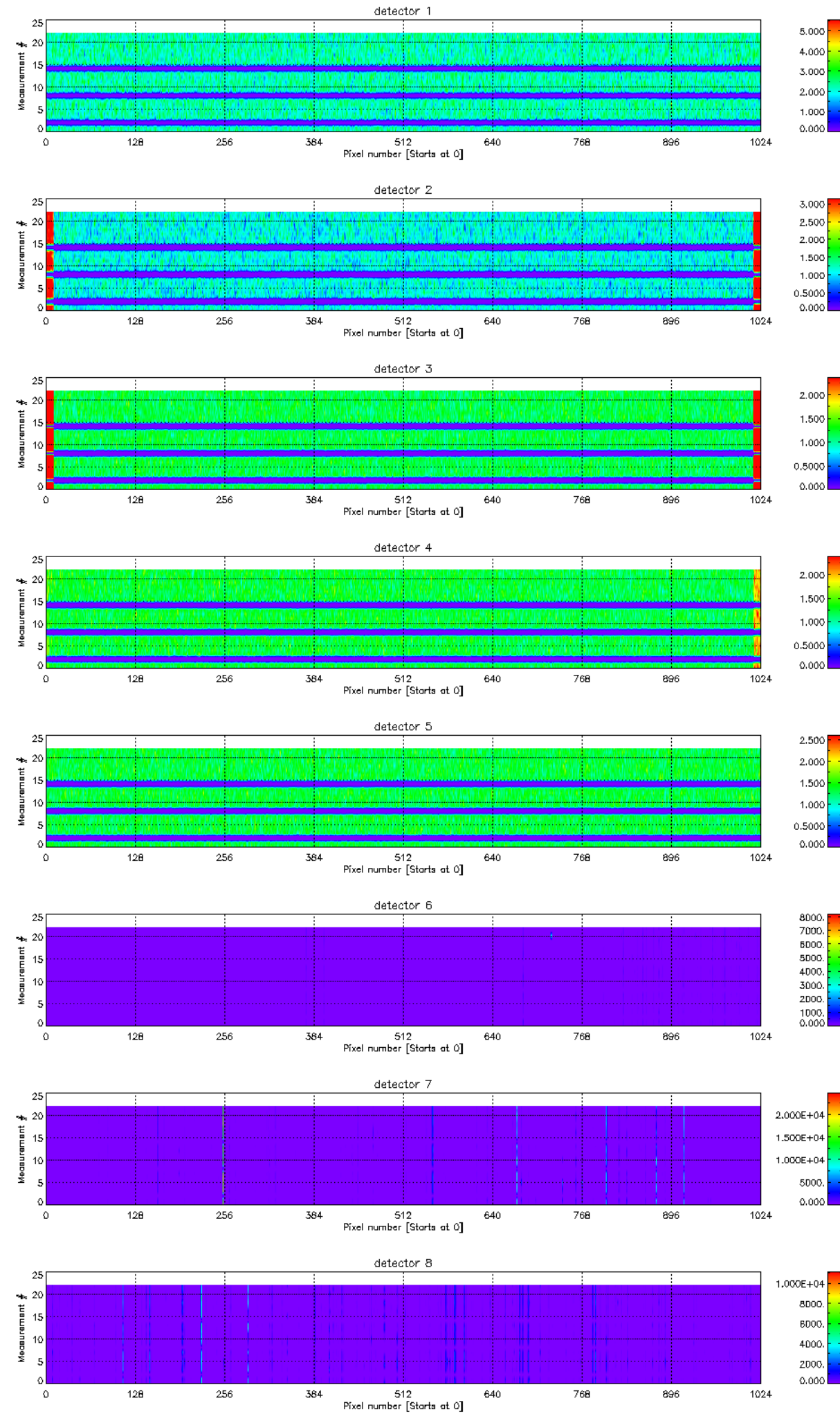
Plots of SCINL1P_NEWLEA_leak_cur for various detectors on 01APR2008.
Colours indicate the value in BU/s.



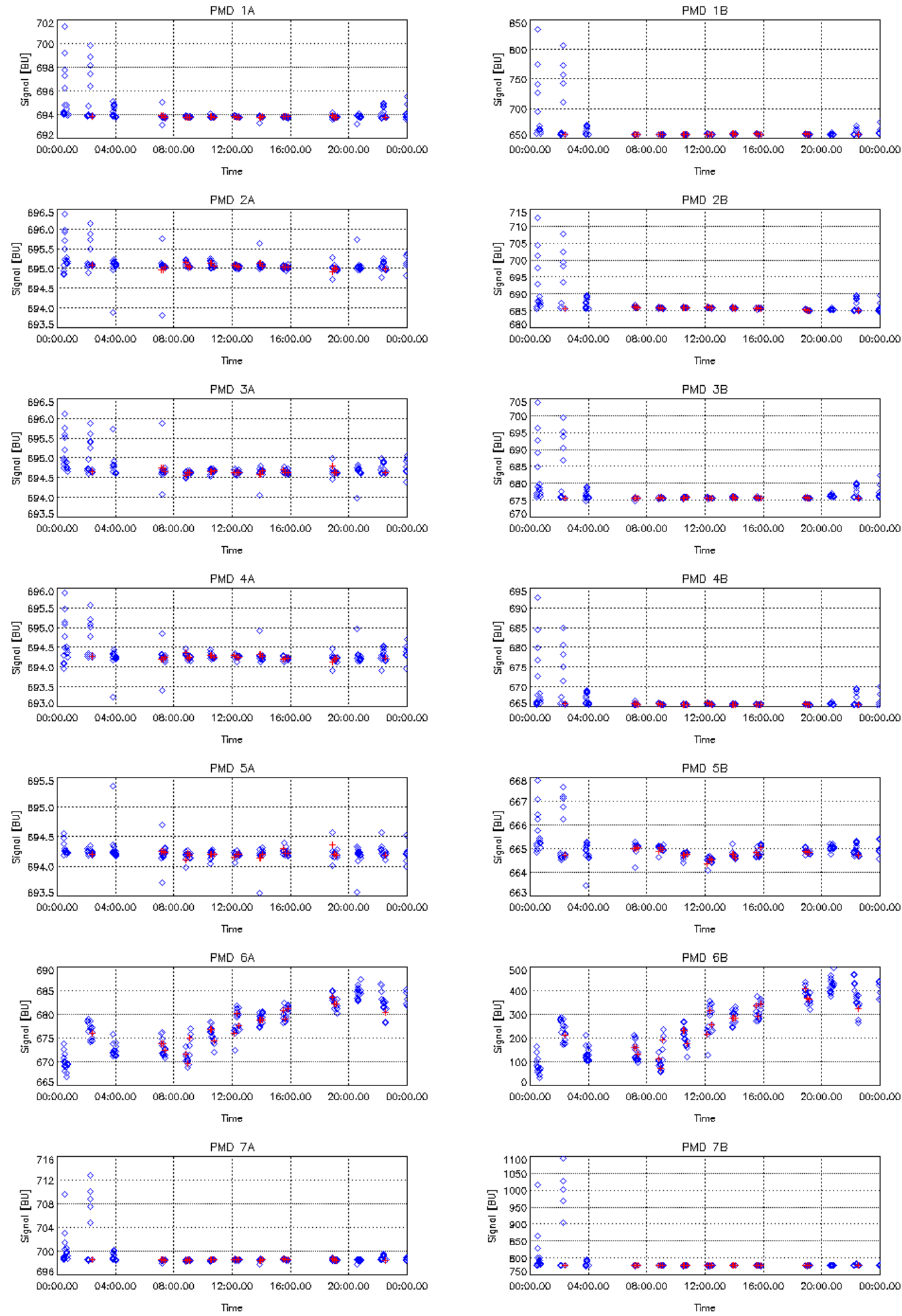
Plots of SCINL1P_NEWLEA_fpn for various detectors on 01APR2008.
Colours indicate the value in BU.

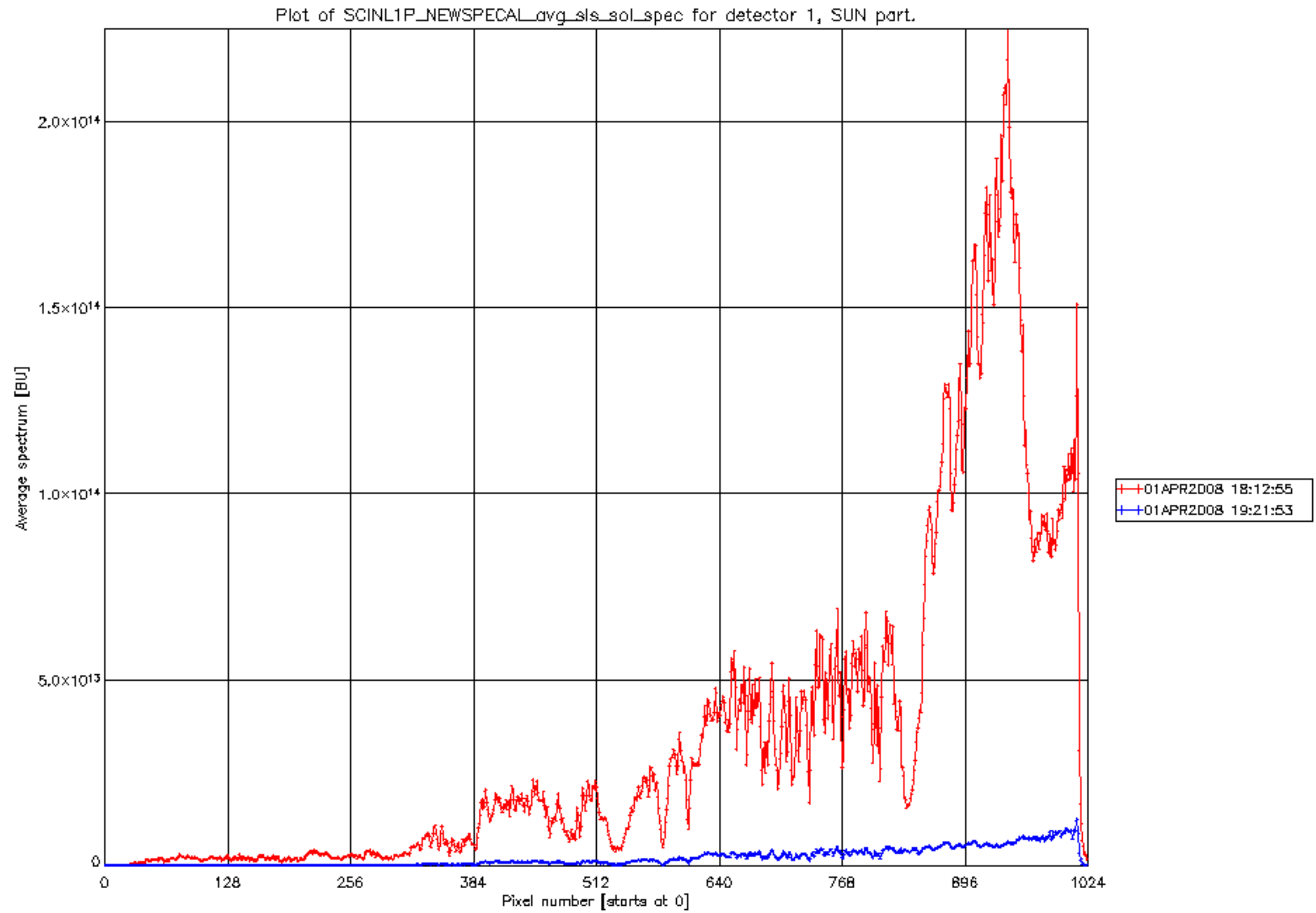


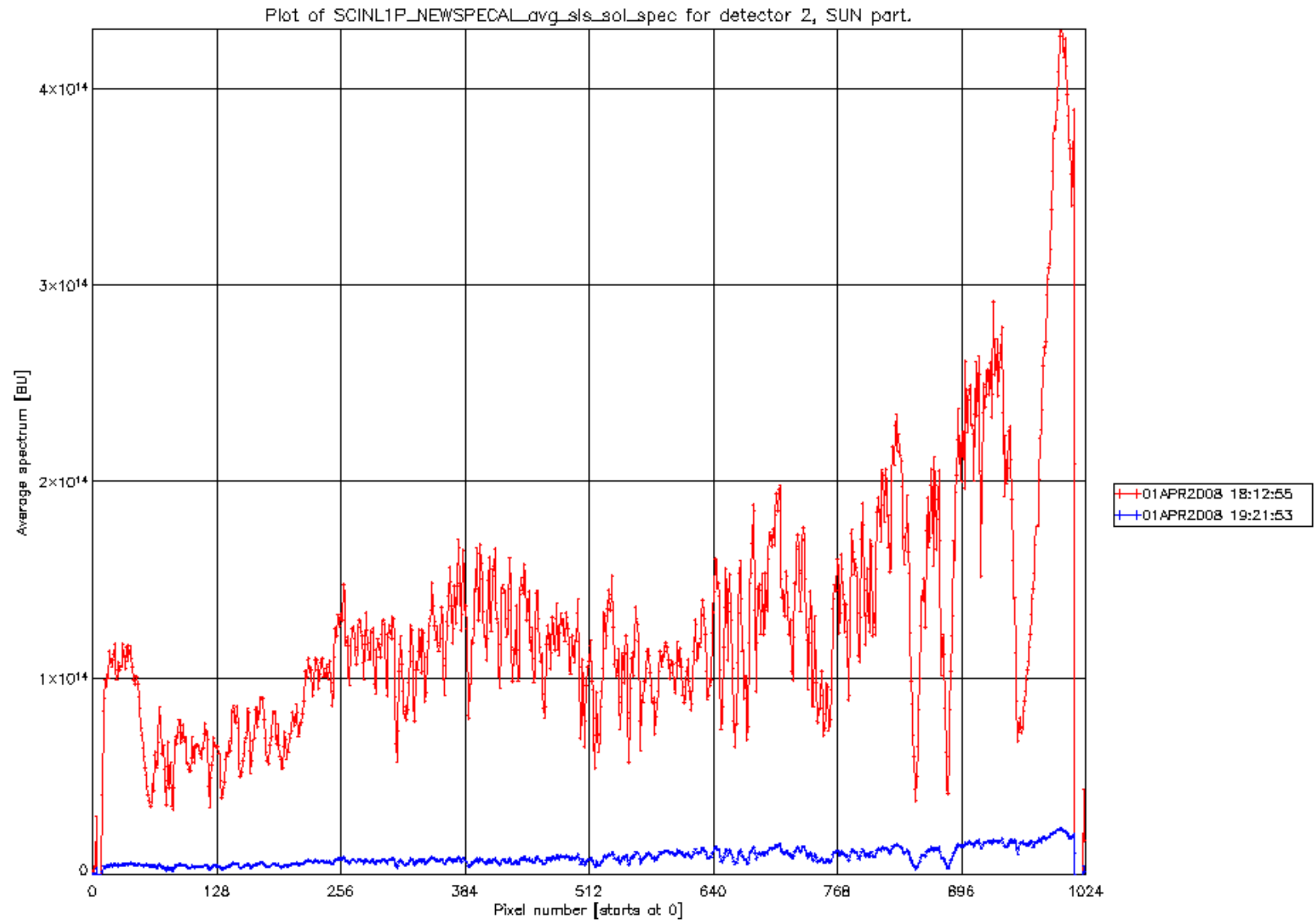
Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 01APR2008.
Colours indicate the value in BU.

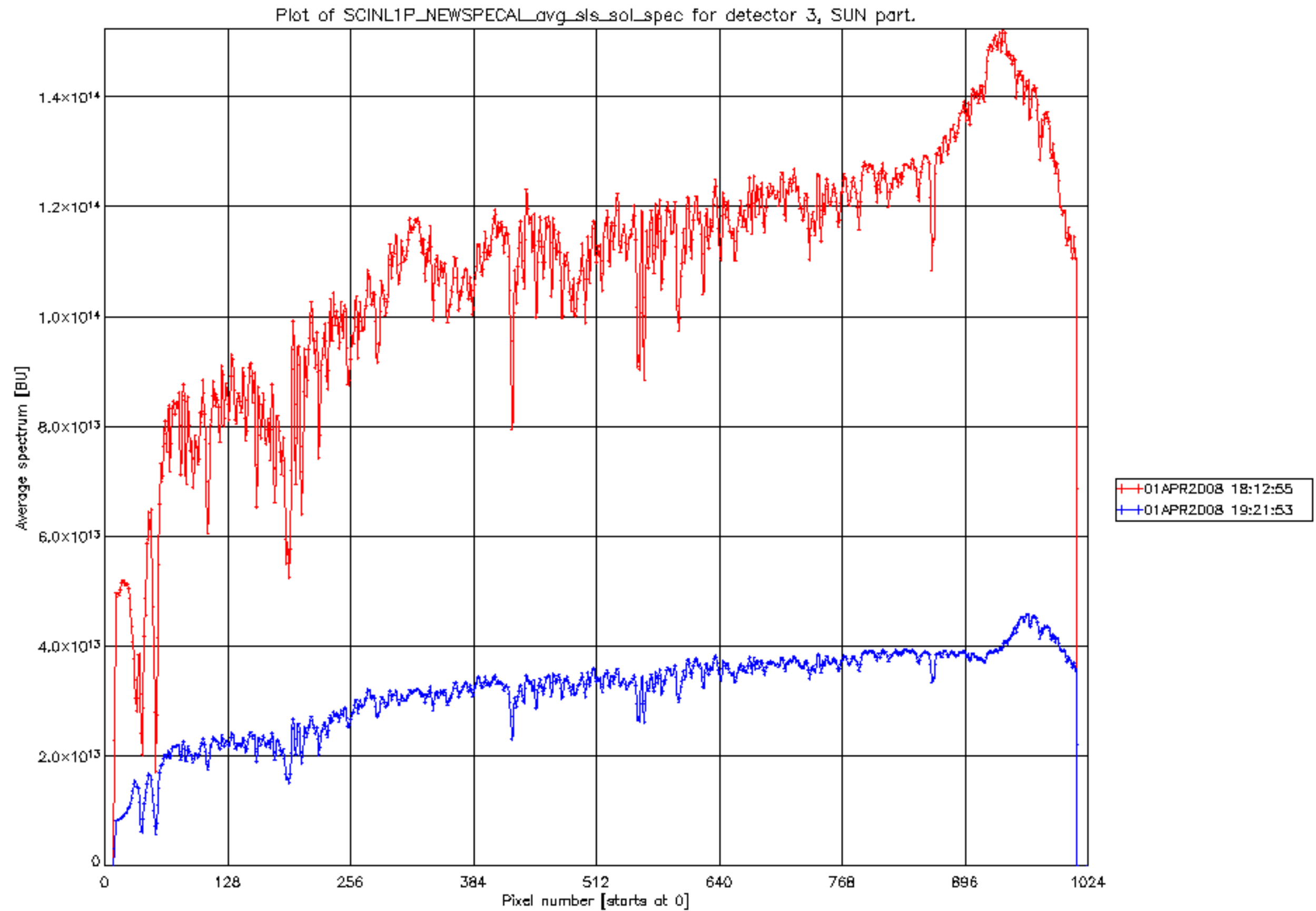


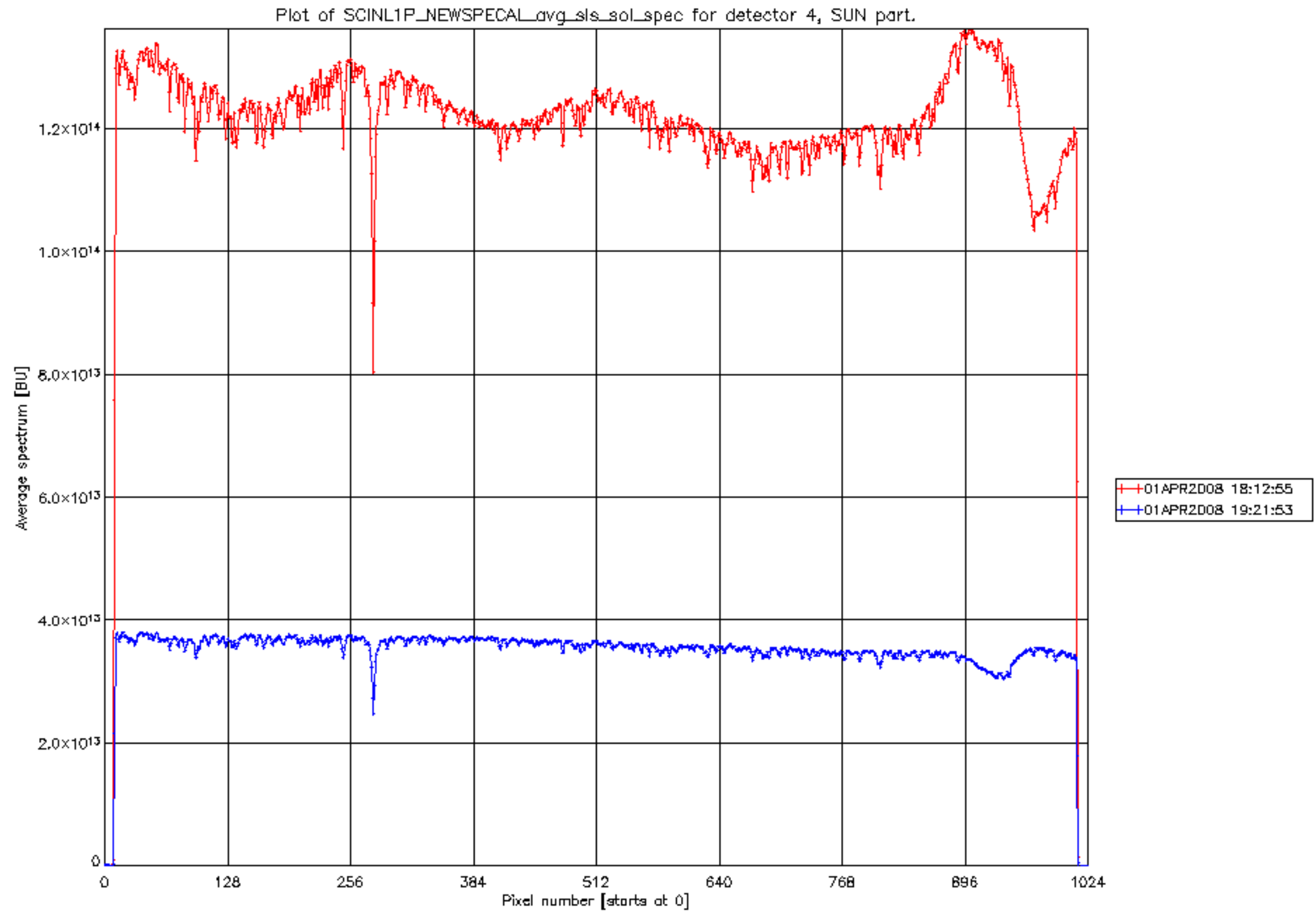
Plots of SCINL1P_NEWLEA_pmd_off vs time on 01APR2008 (red).
Dark average pmd data is given in blue for comparison.

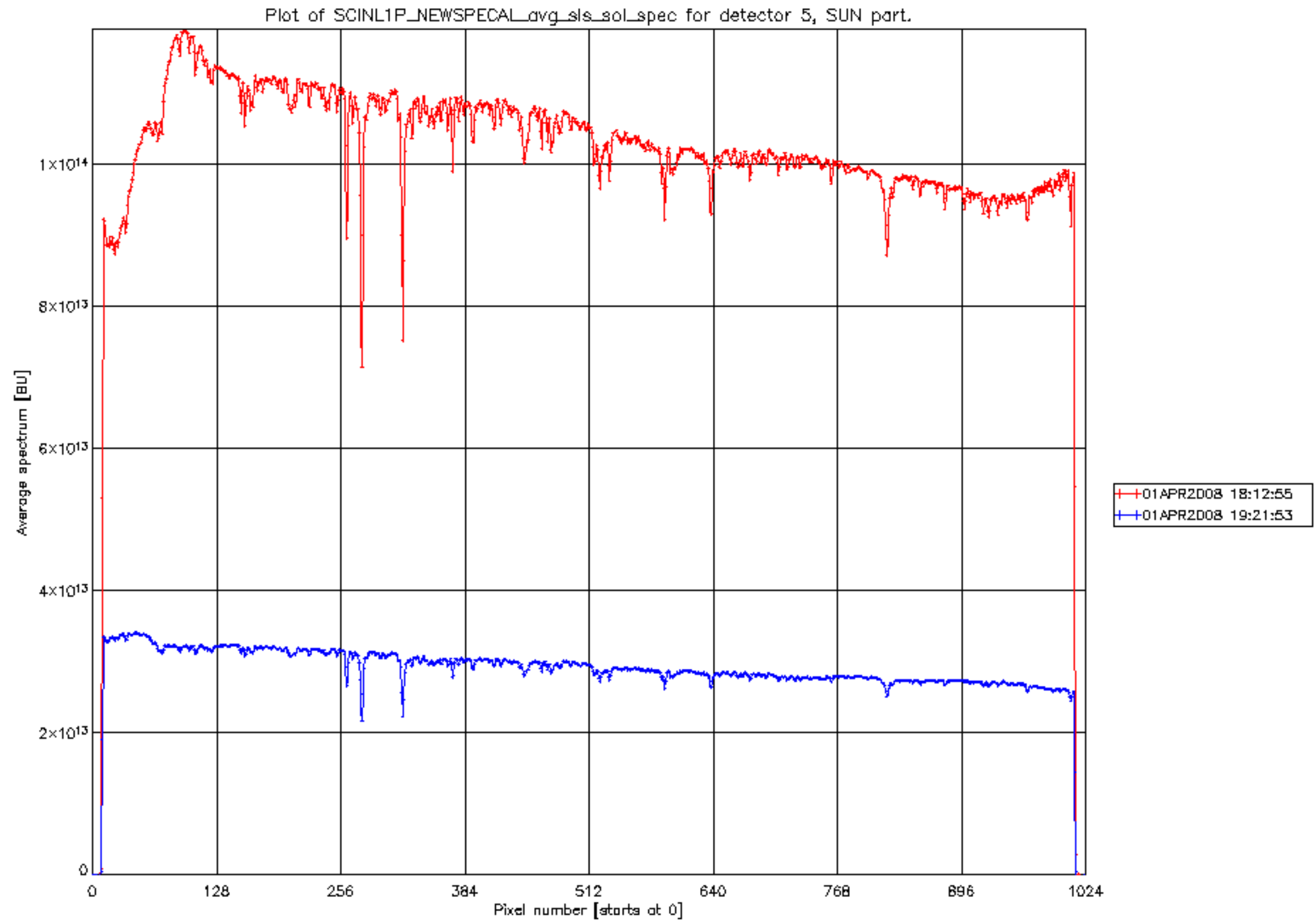


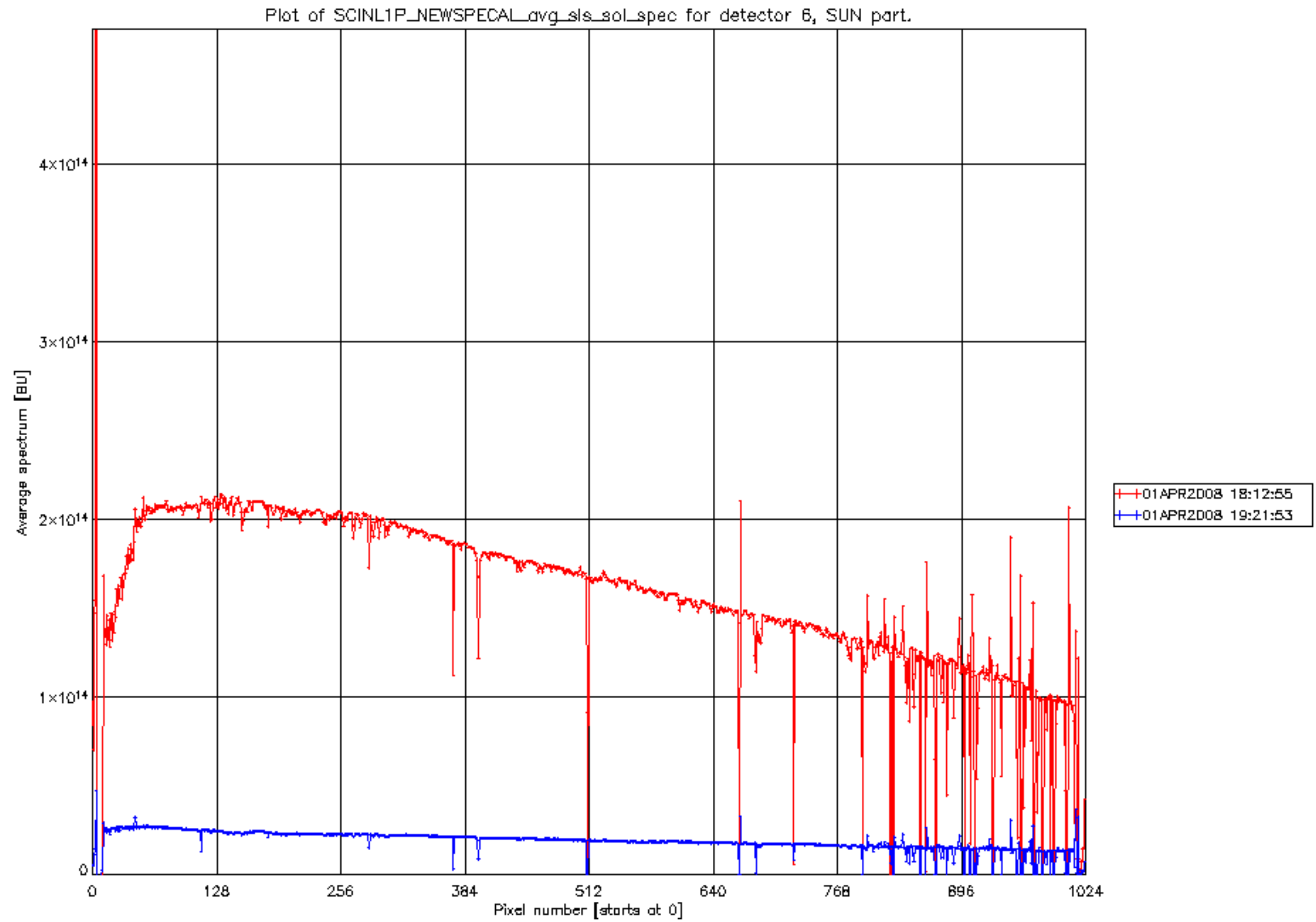


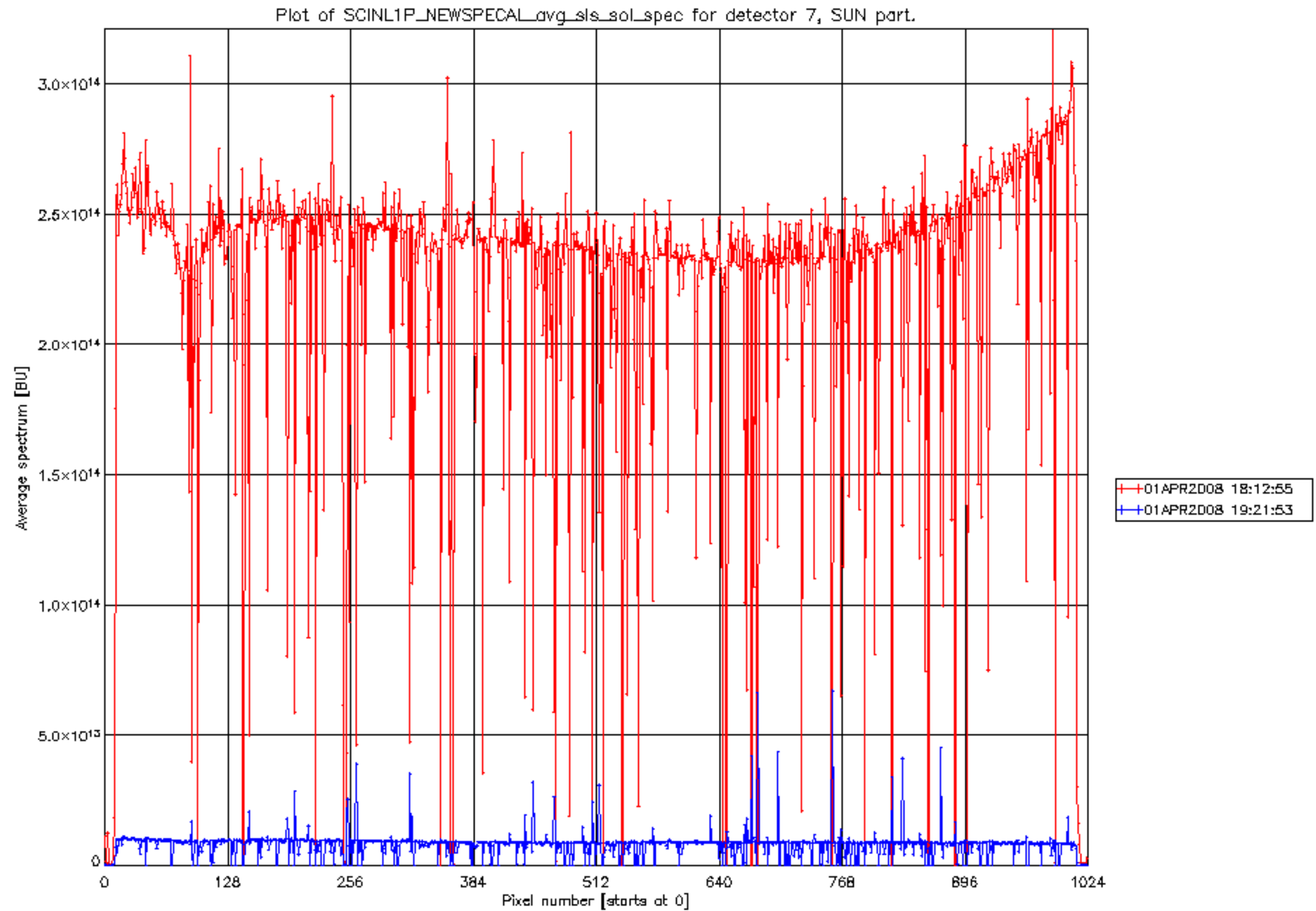


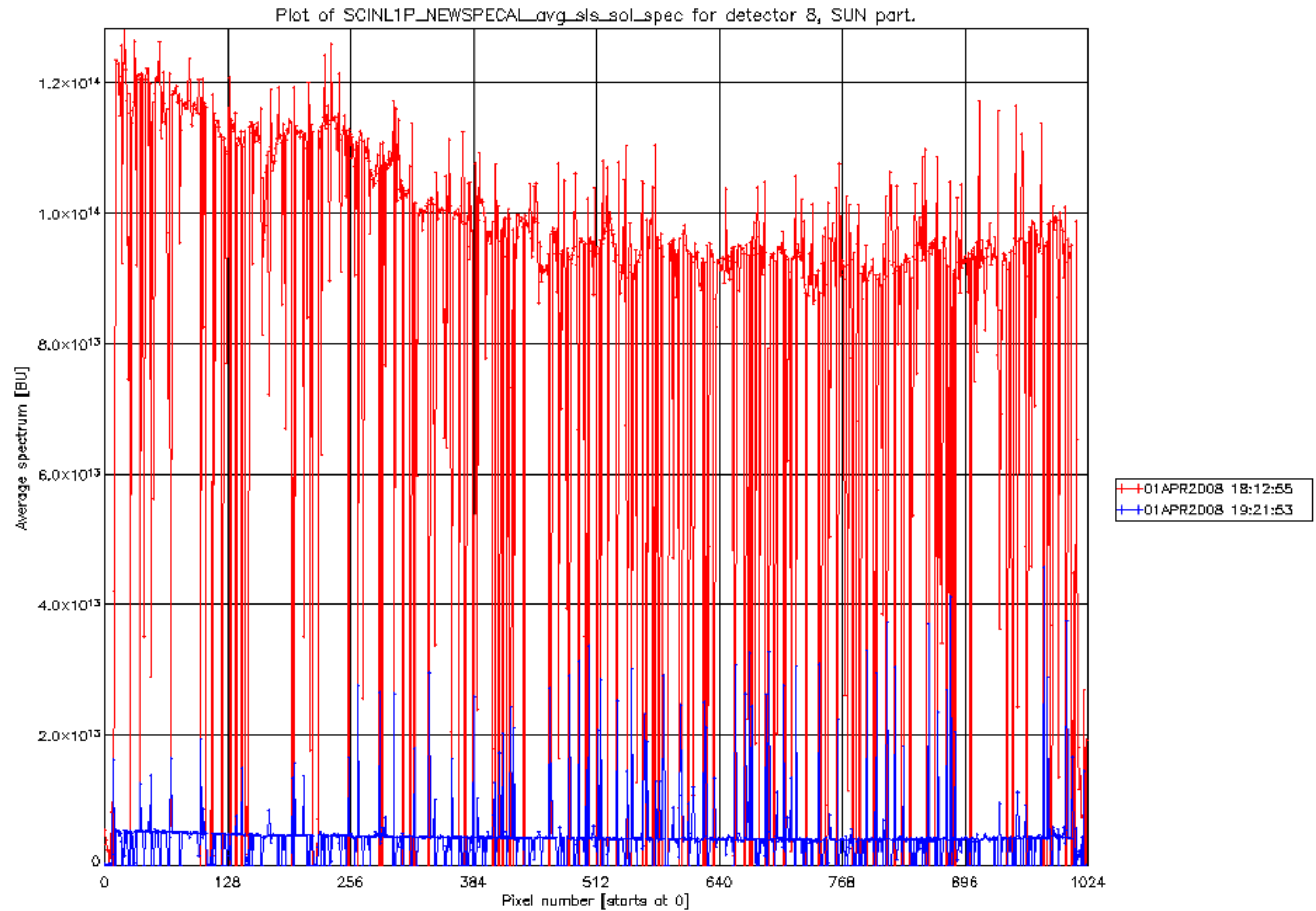


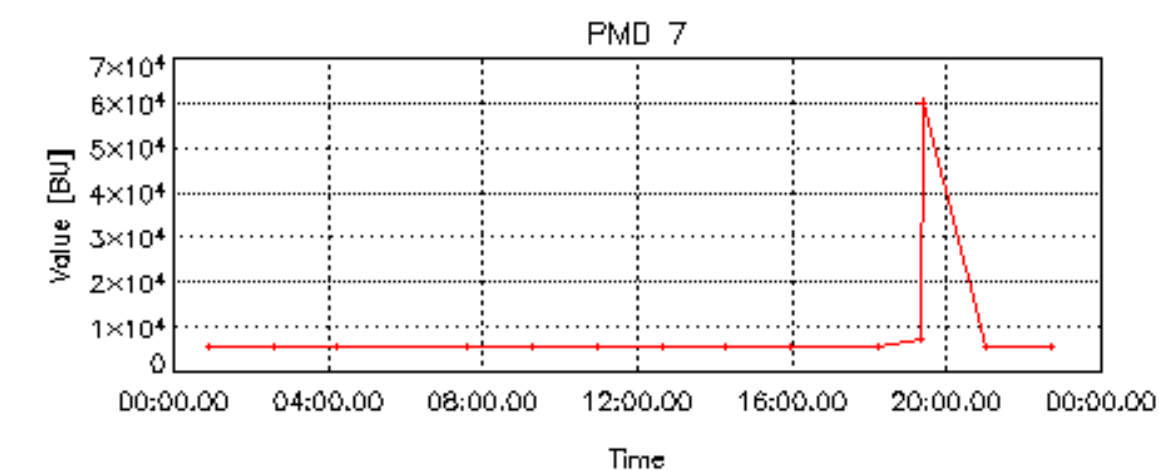
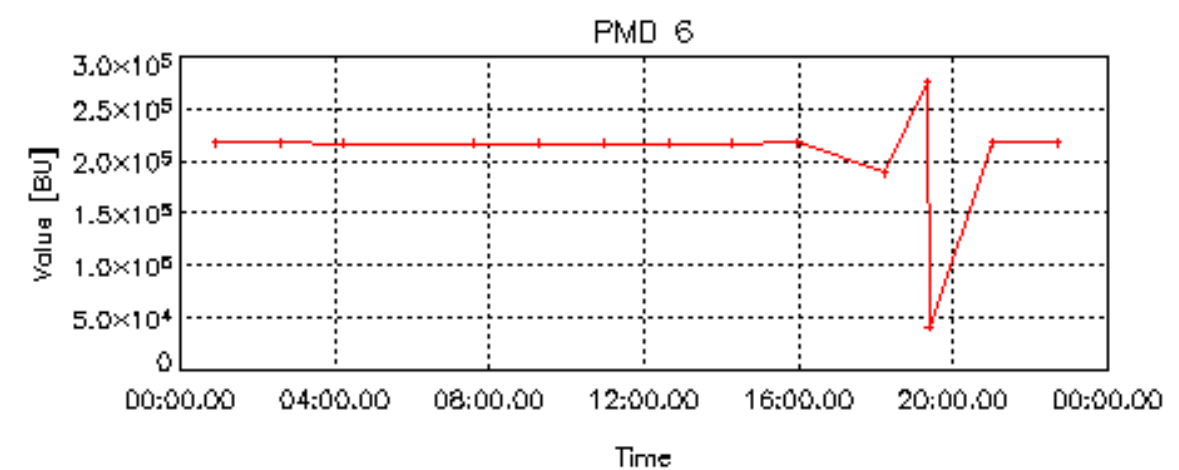
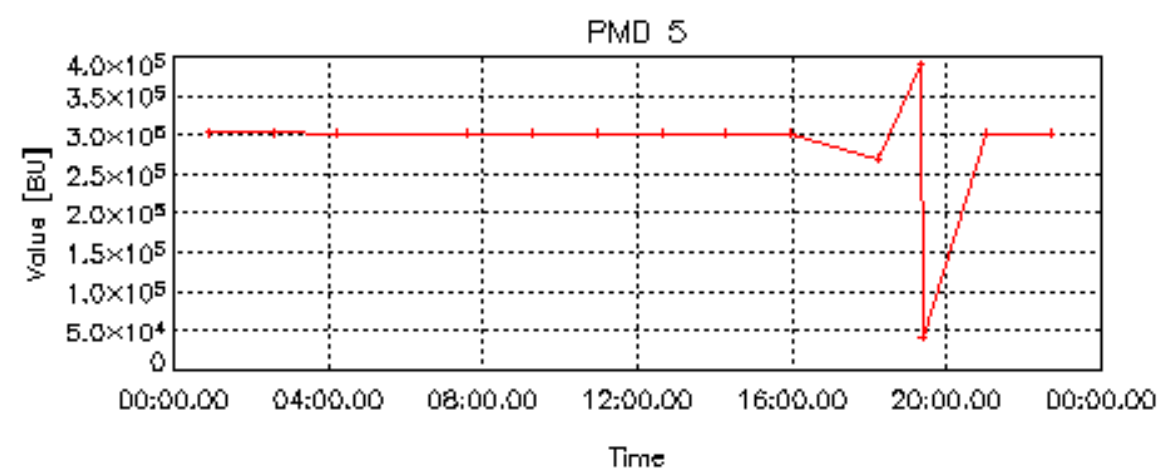
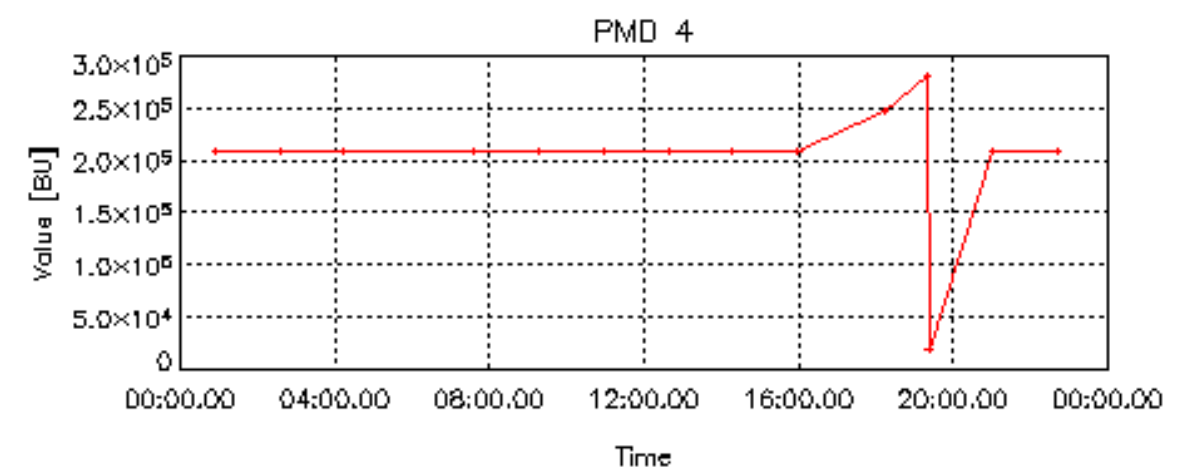
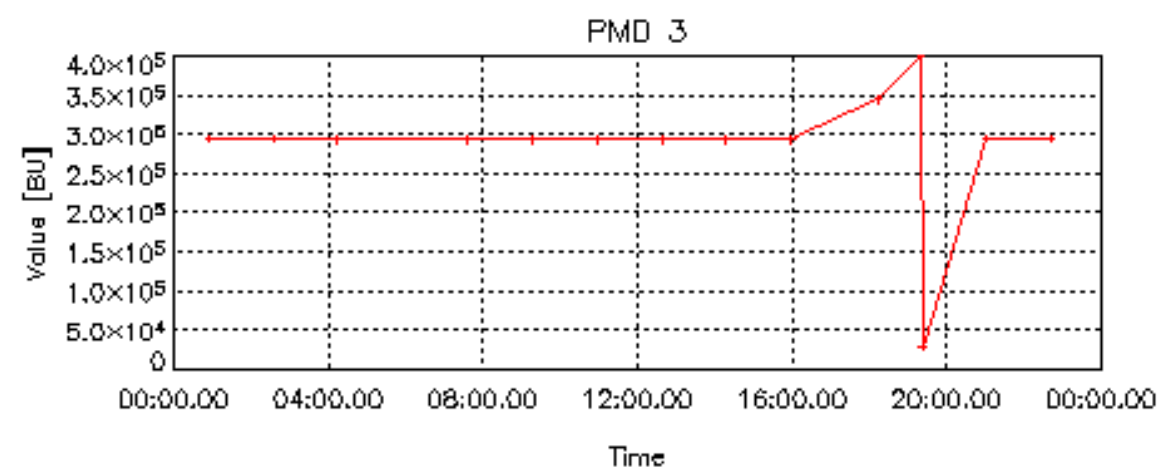
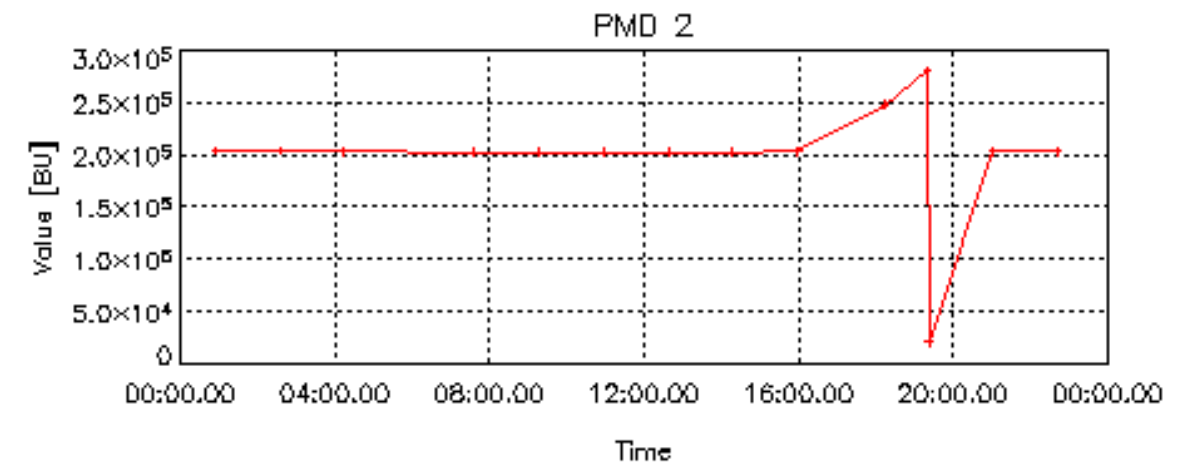
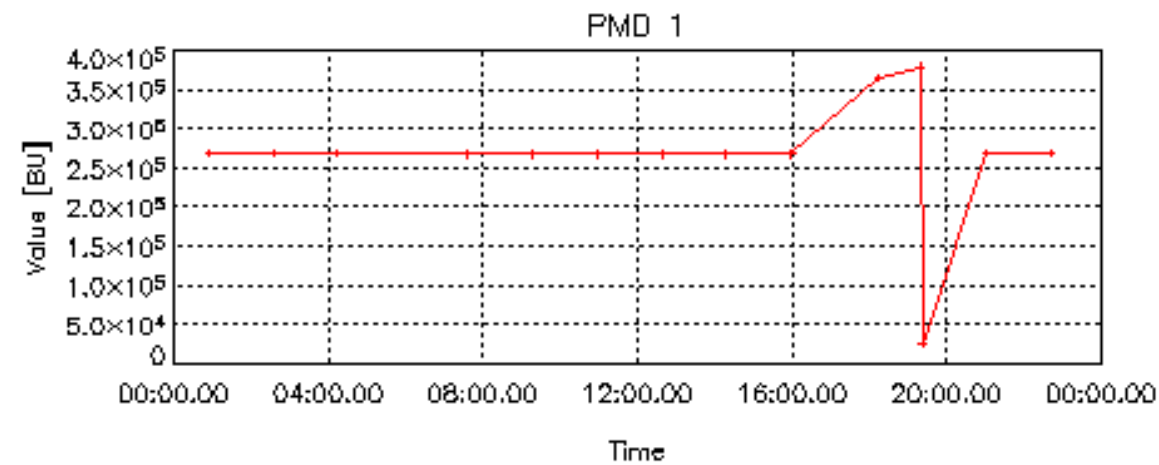


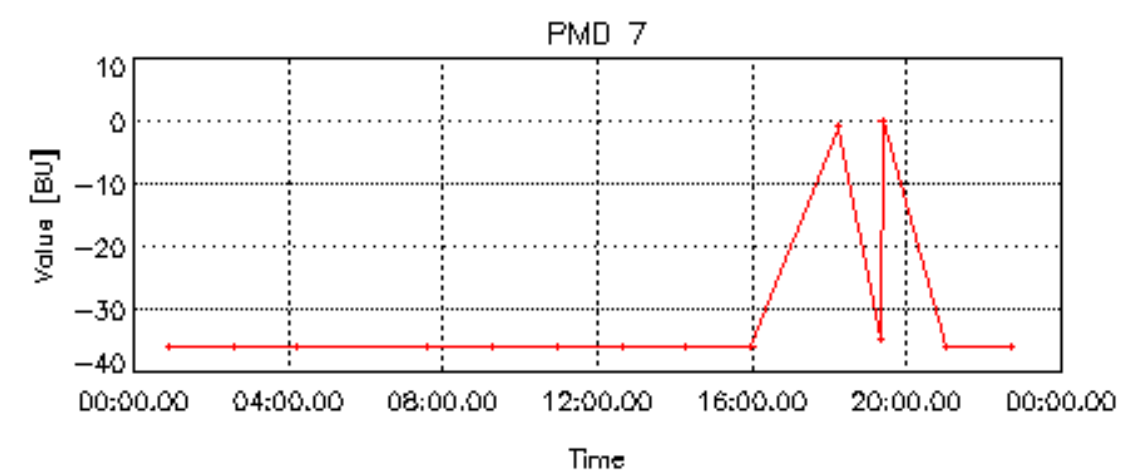
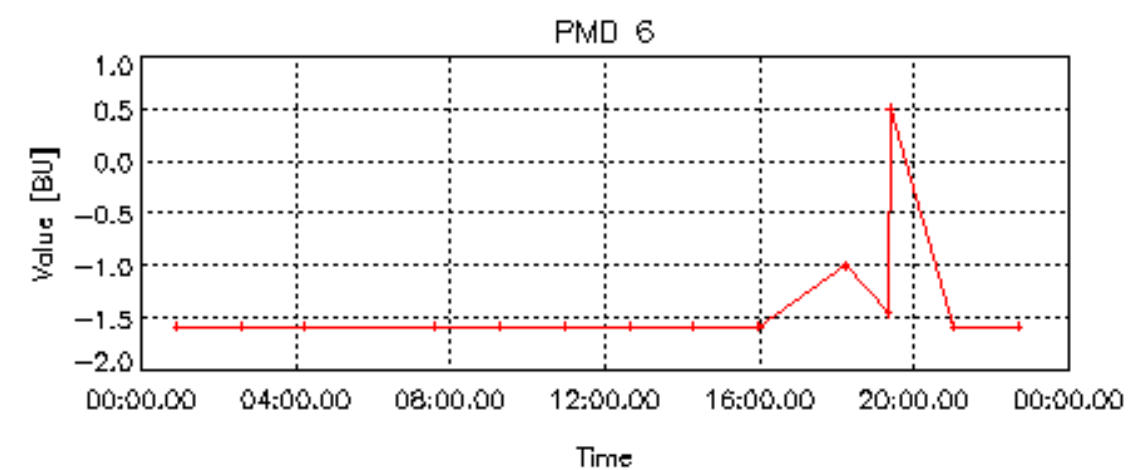
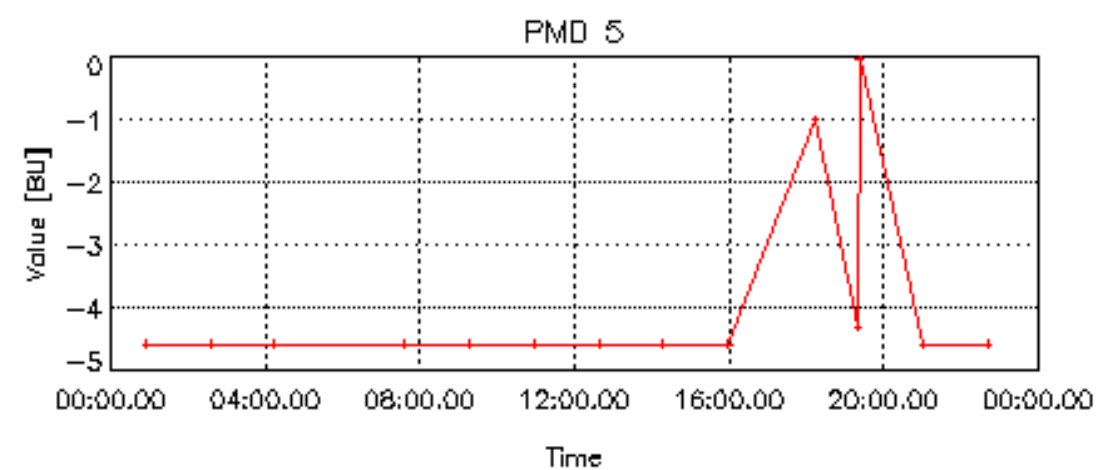
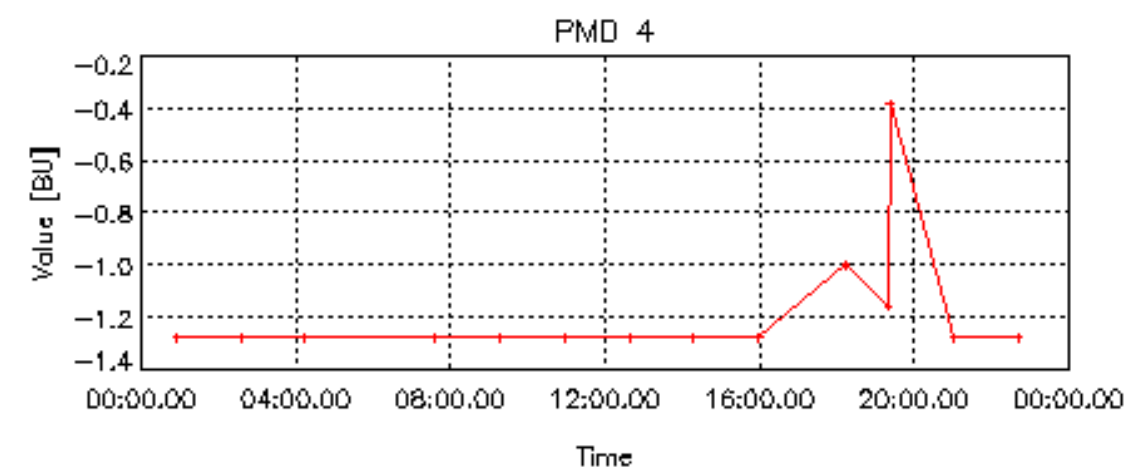
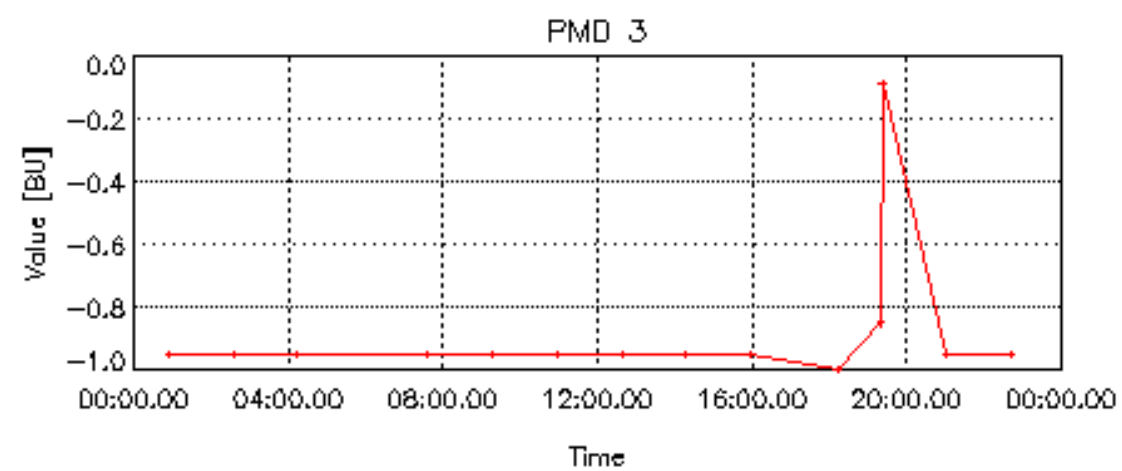
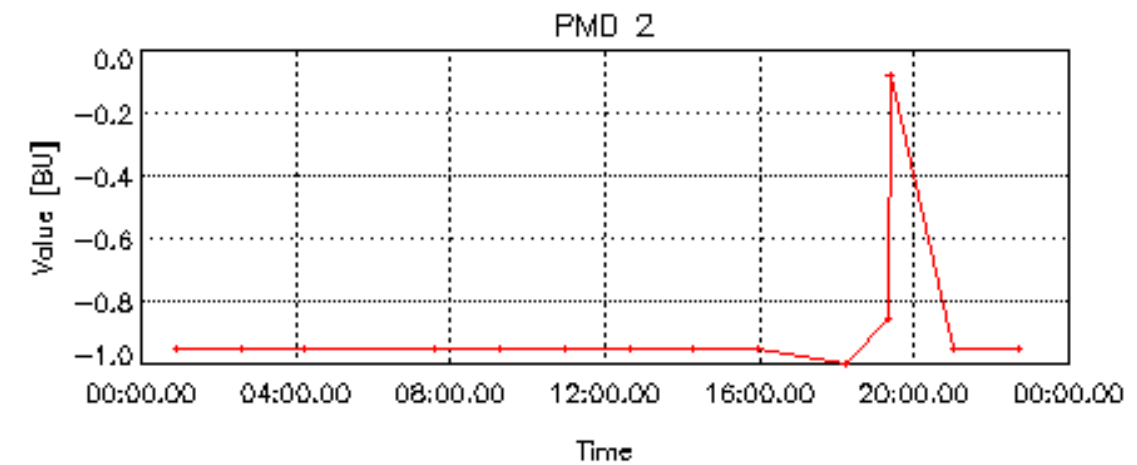
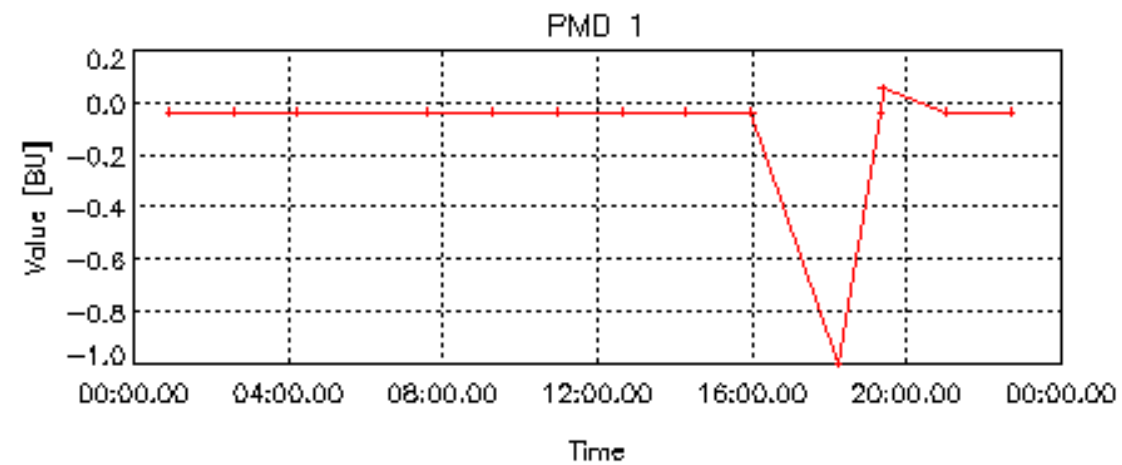


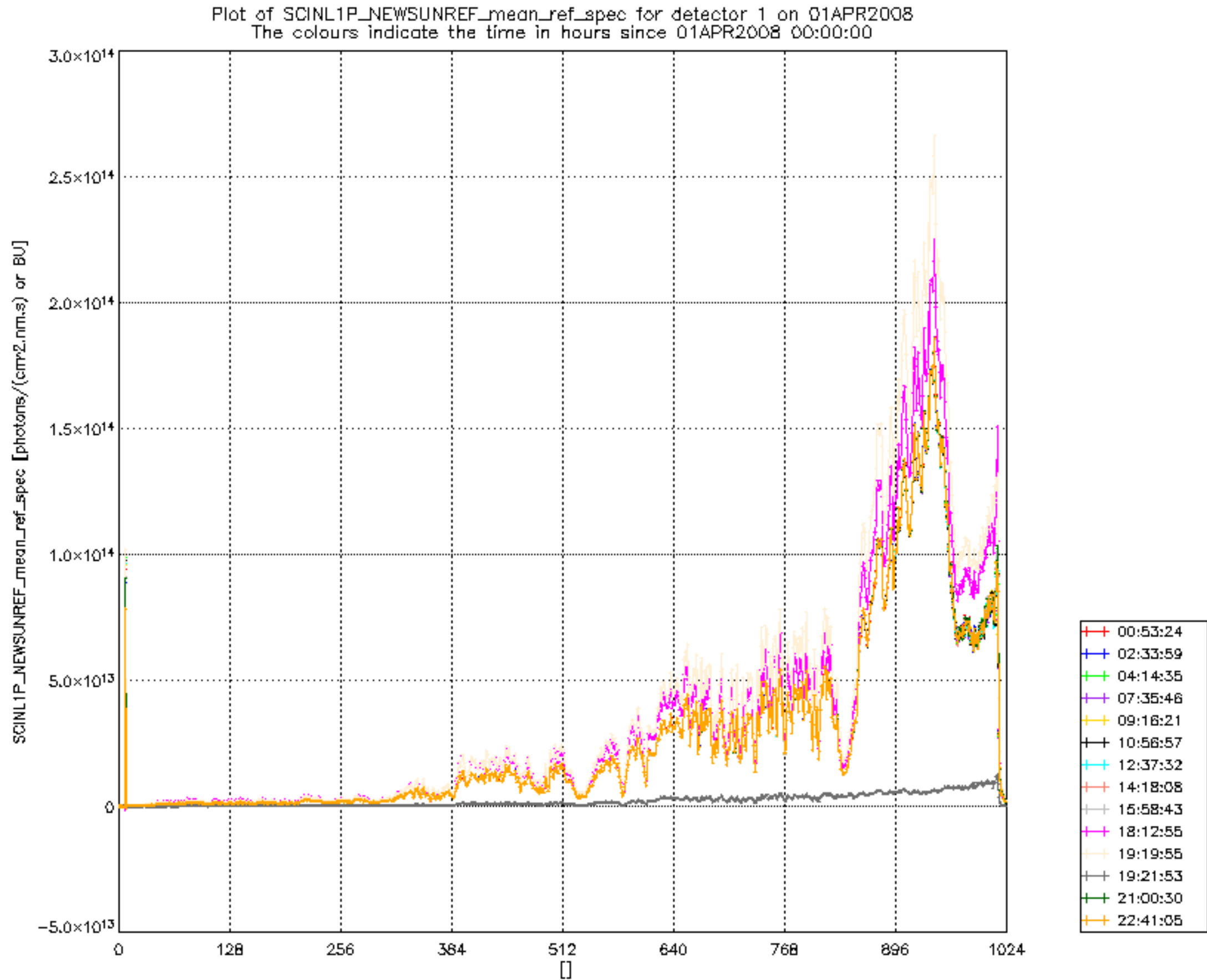




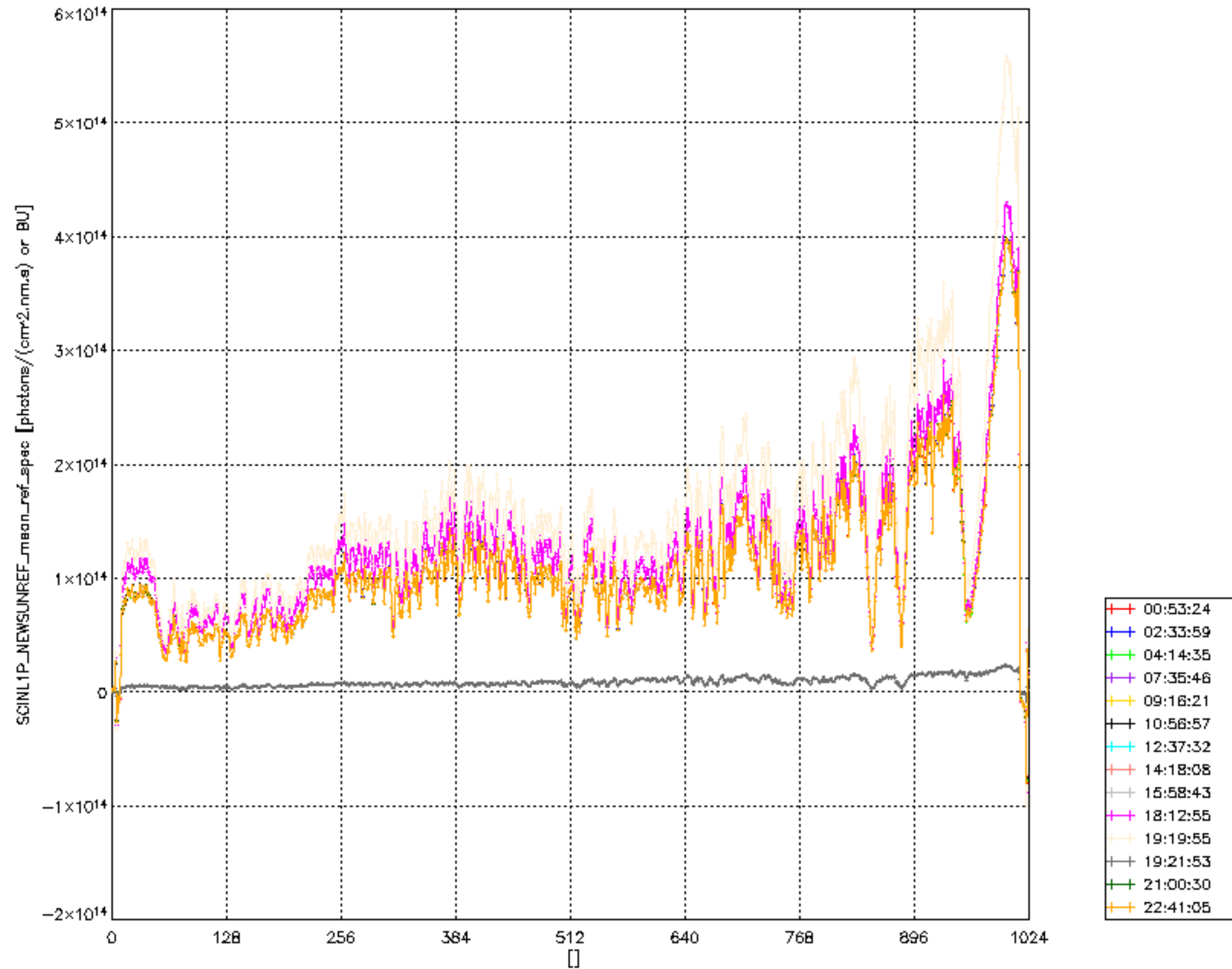


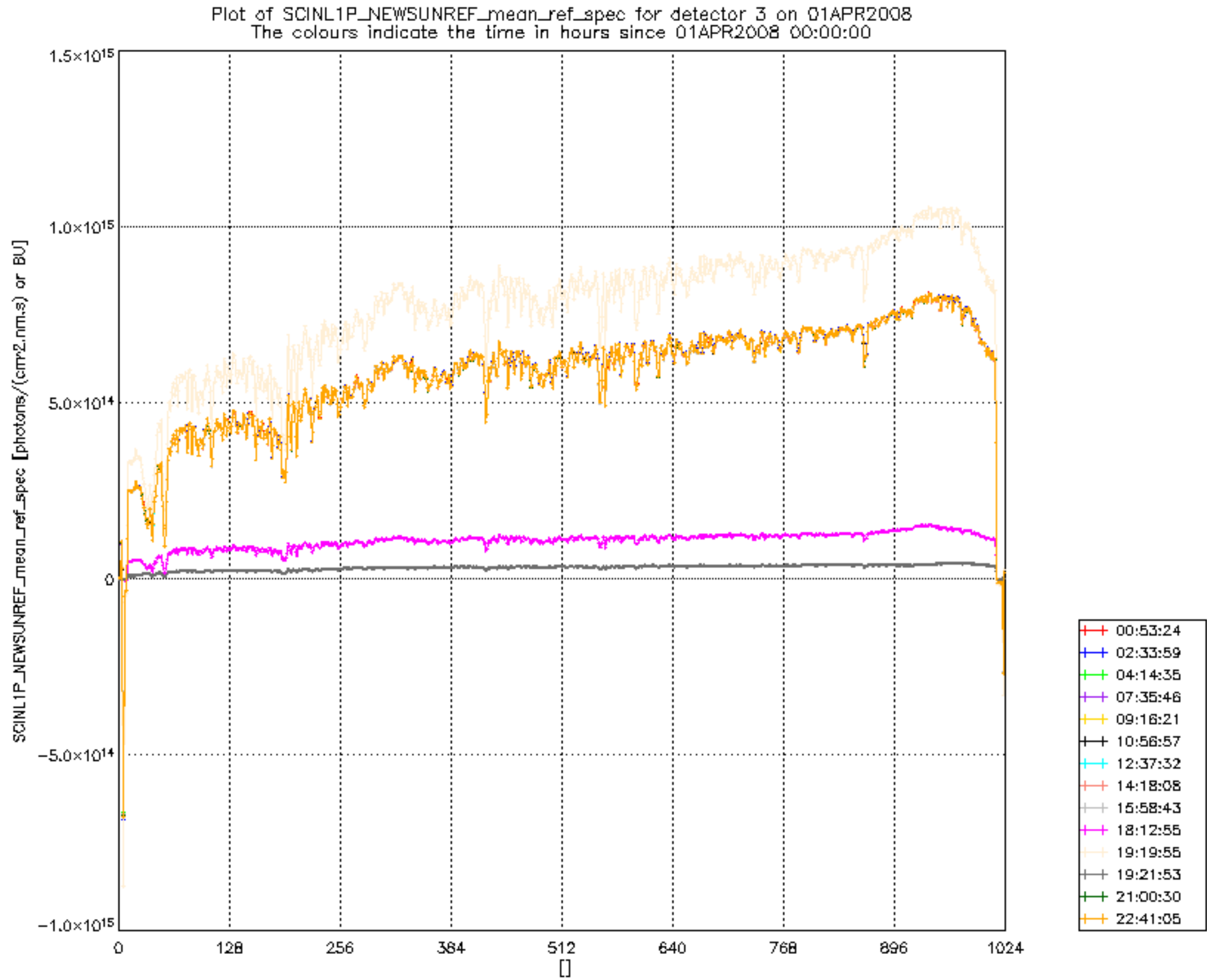




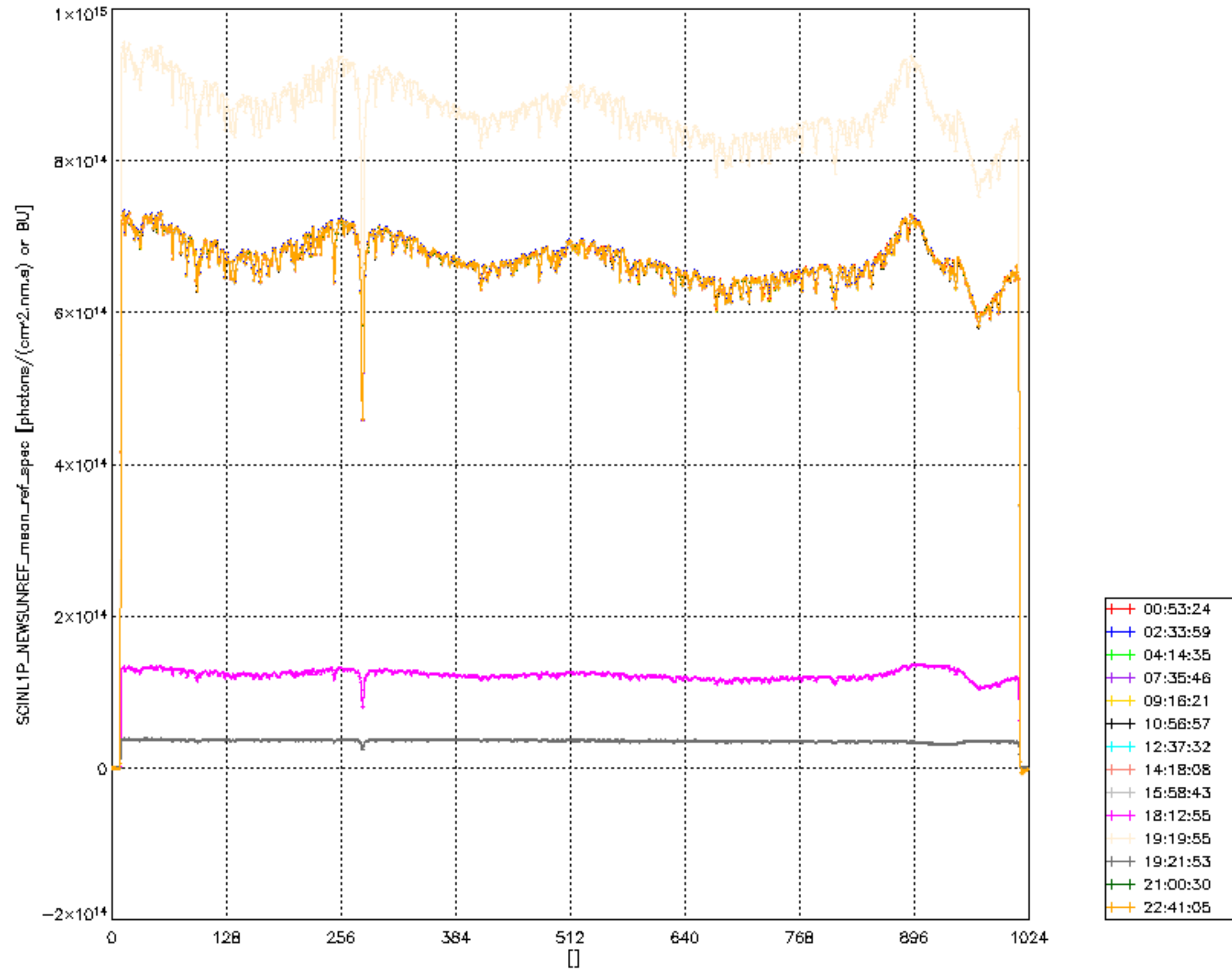


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 2 on 01APR2008
The colours indicate the time in hours since 01APR2008 00:00:00

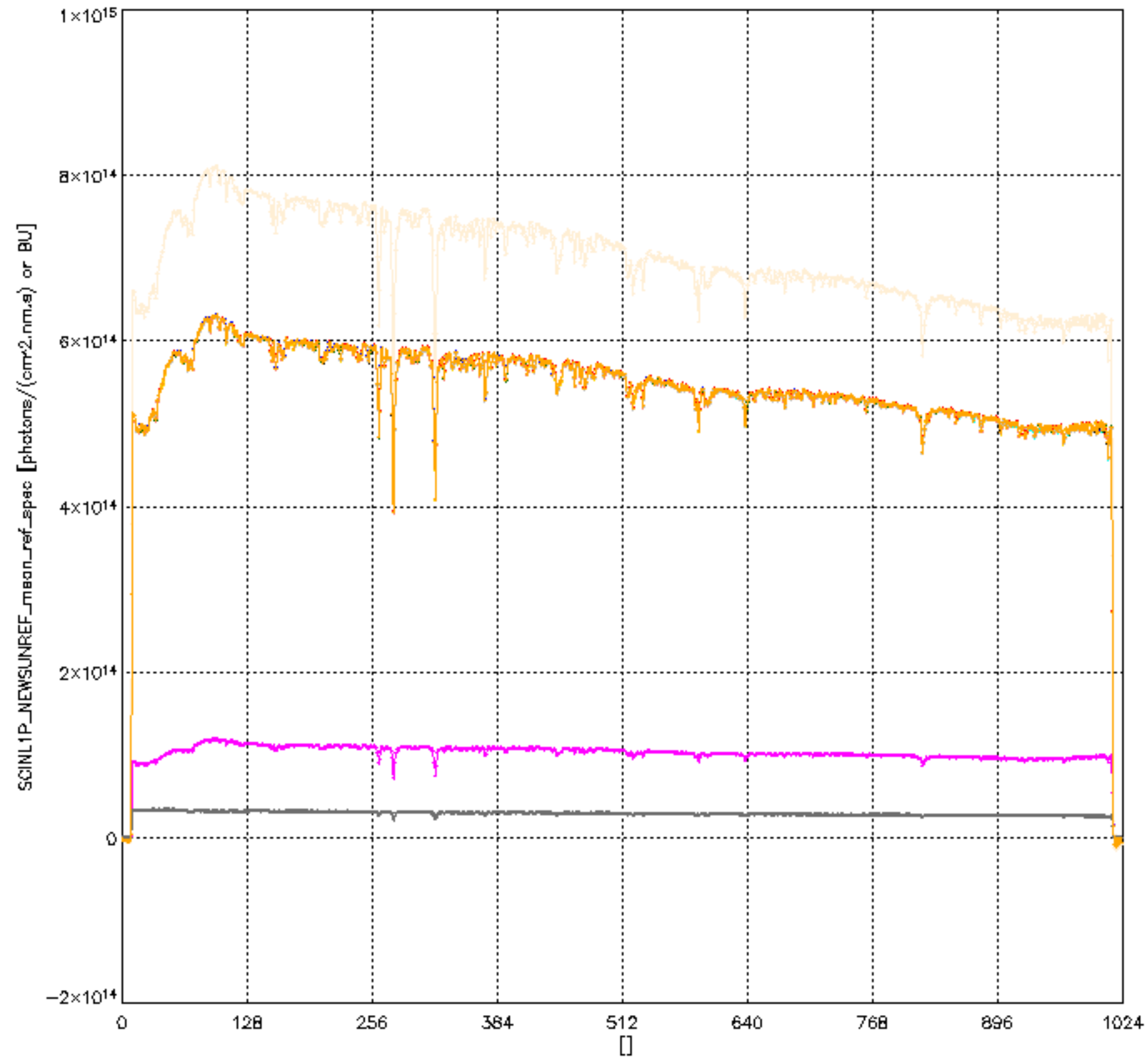


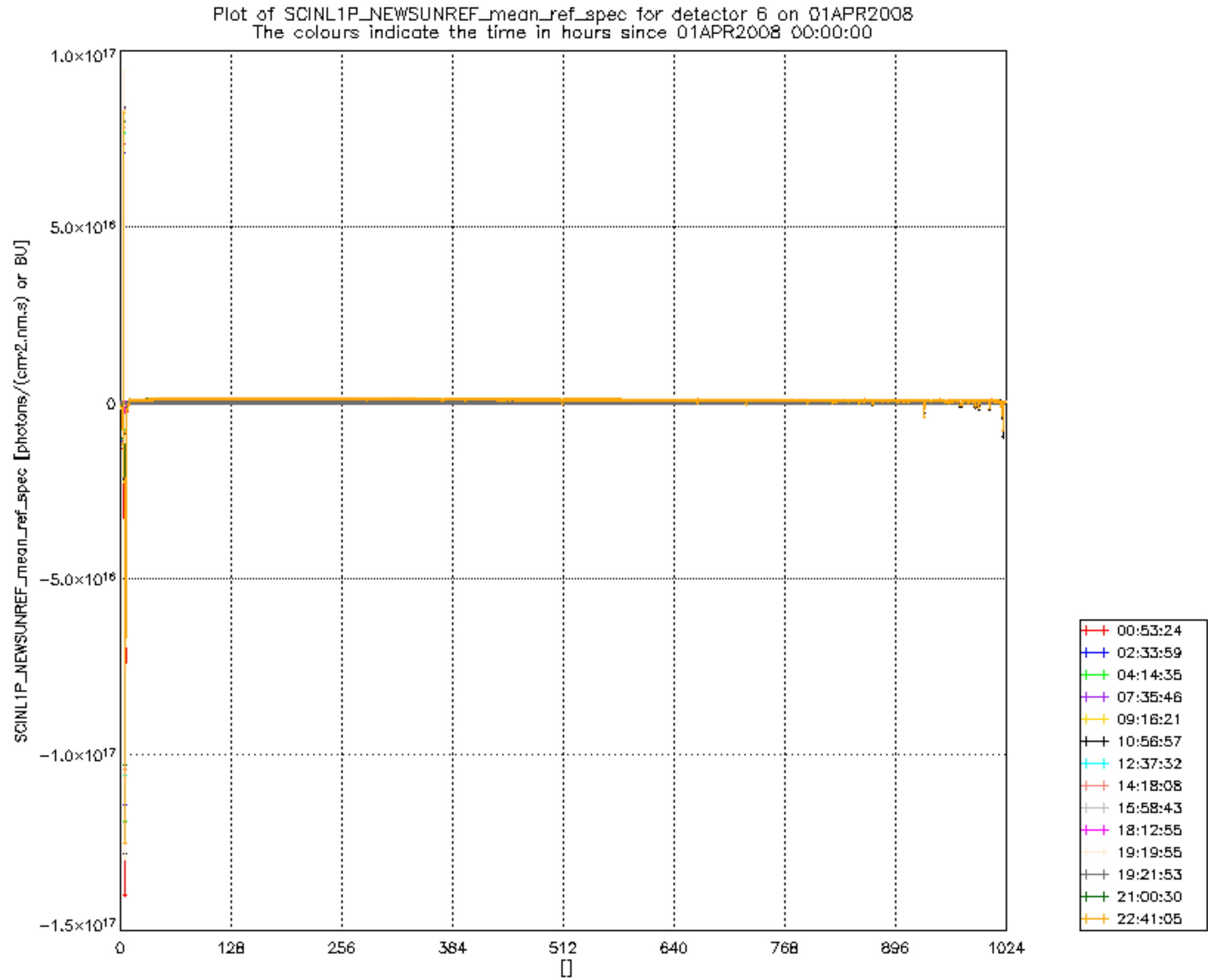


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 4 on 01APR2008
The colours indicate the time in hours since 01APR2008 00:00:00

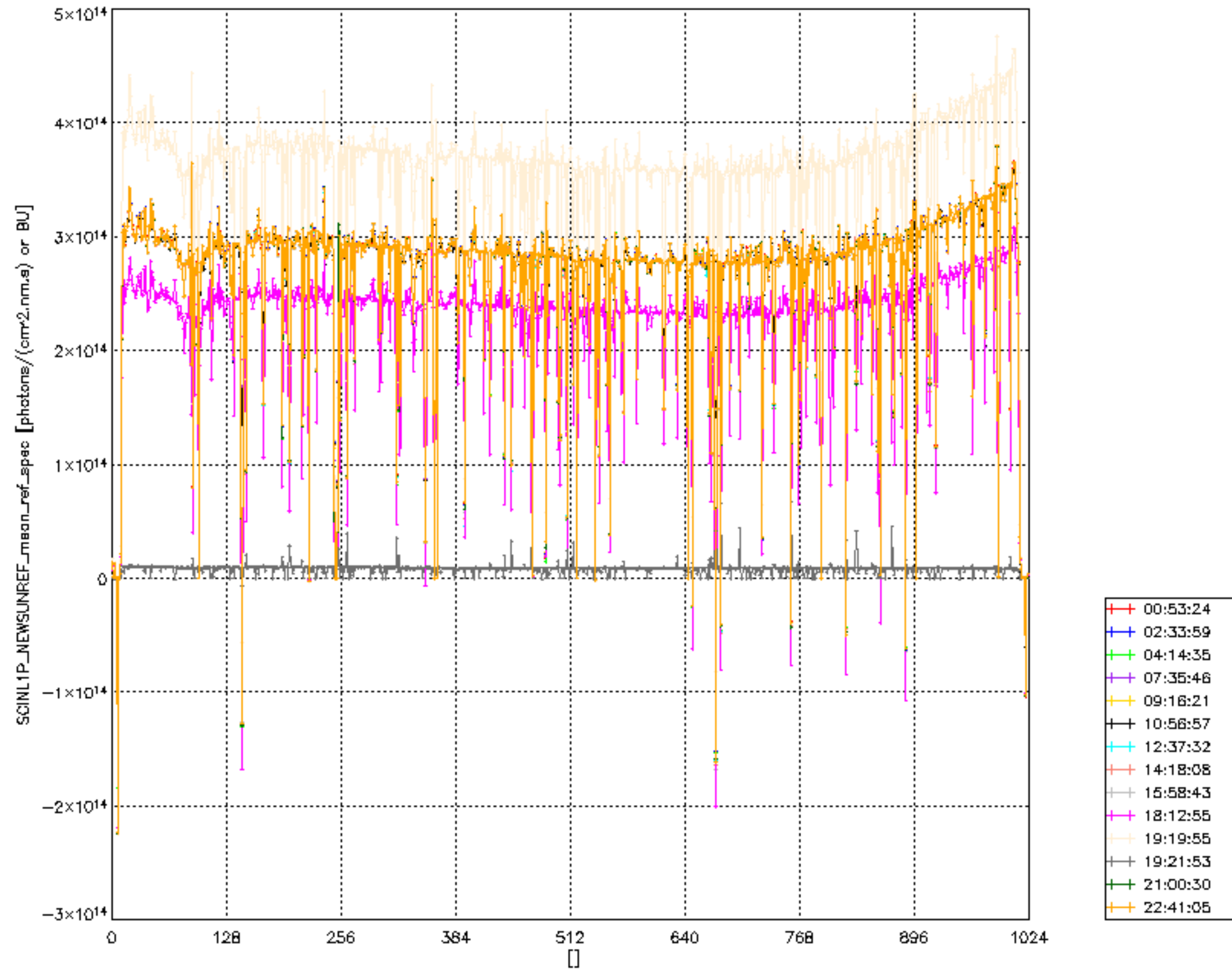


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 5 on 01APR2008
The colours indicate the time in hours since 01APR2008 00:00:00

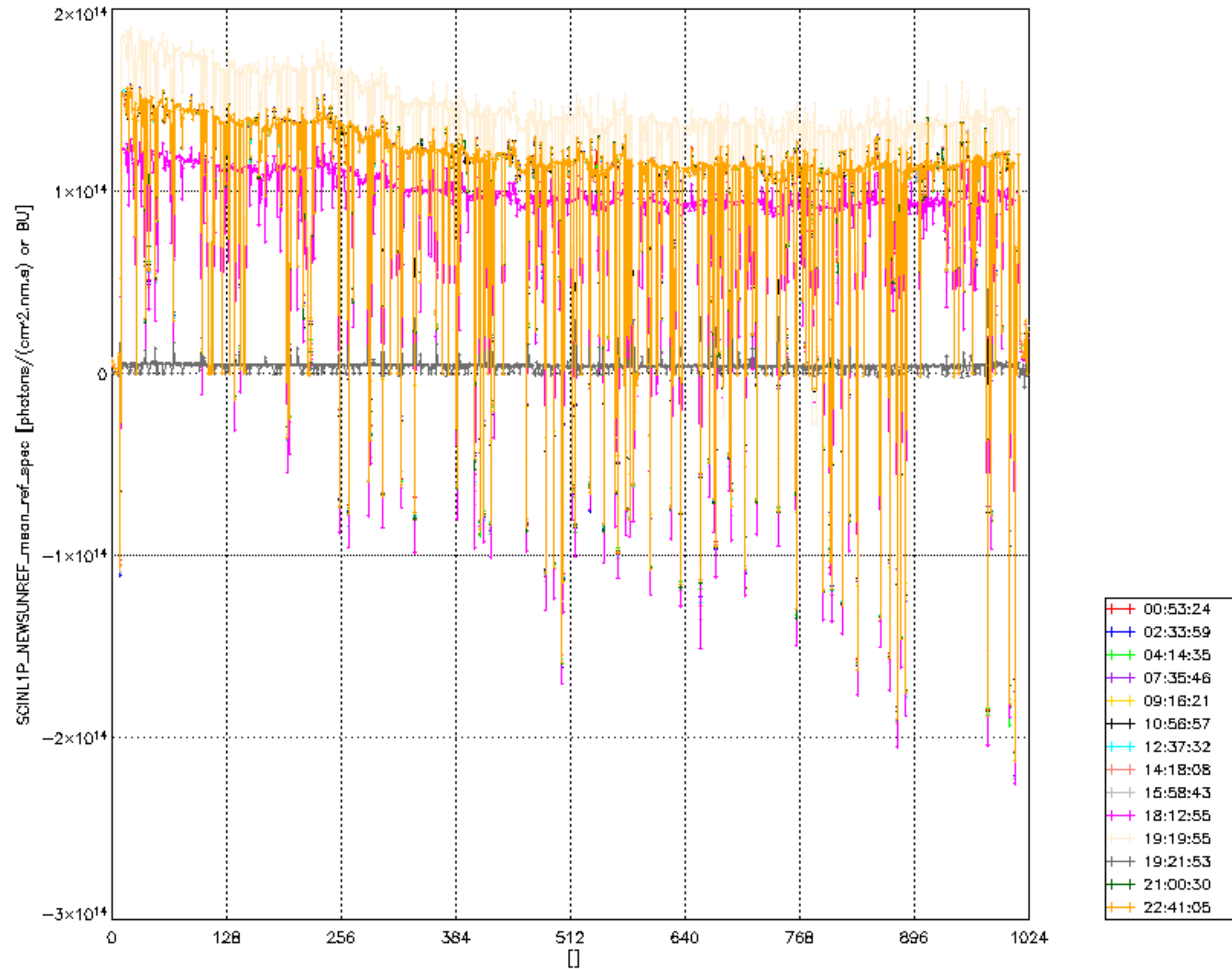


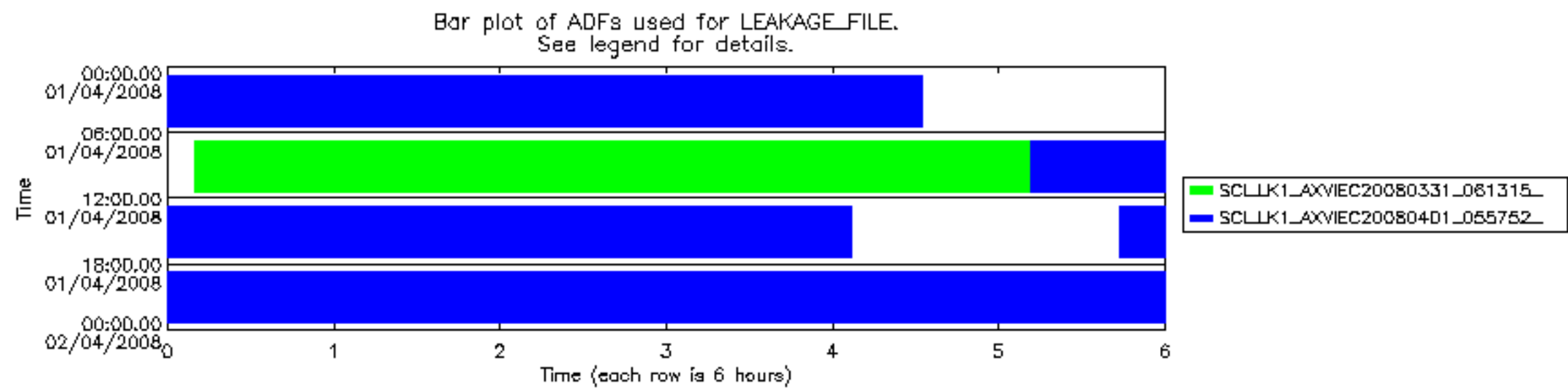


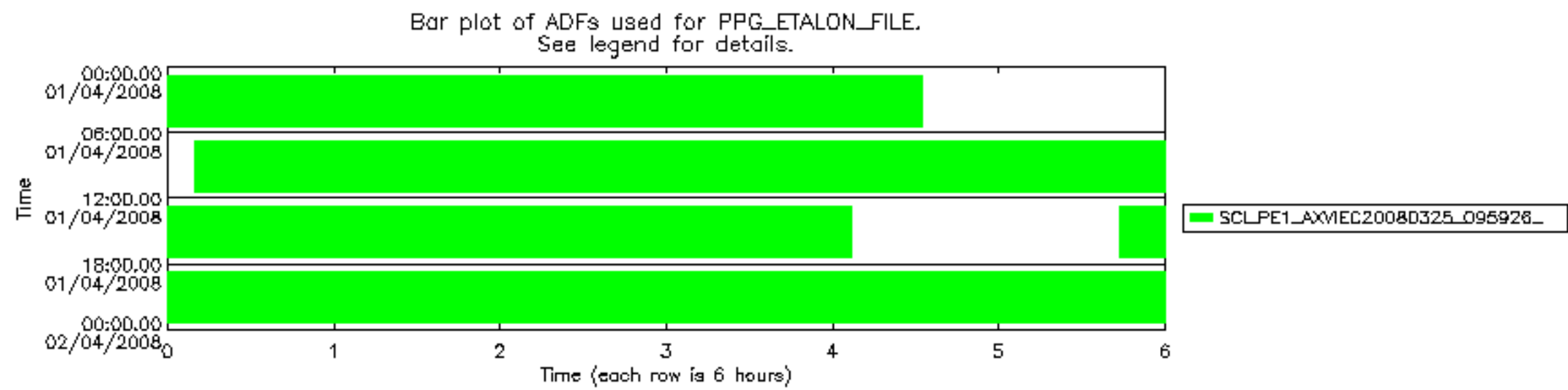
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 7 on 01APR2008
The colours indicate the time in hours since 01APR2008 00:00:00

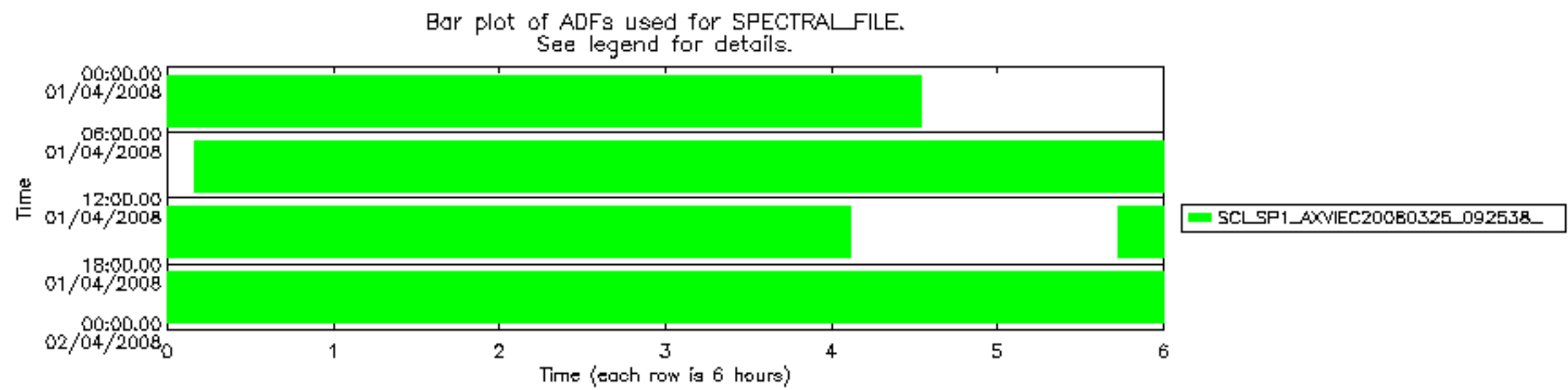


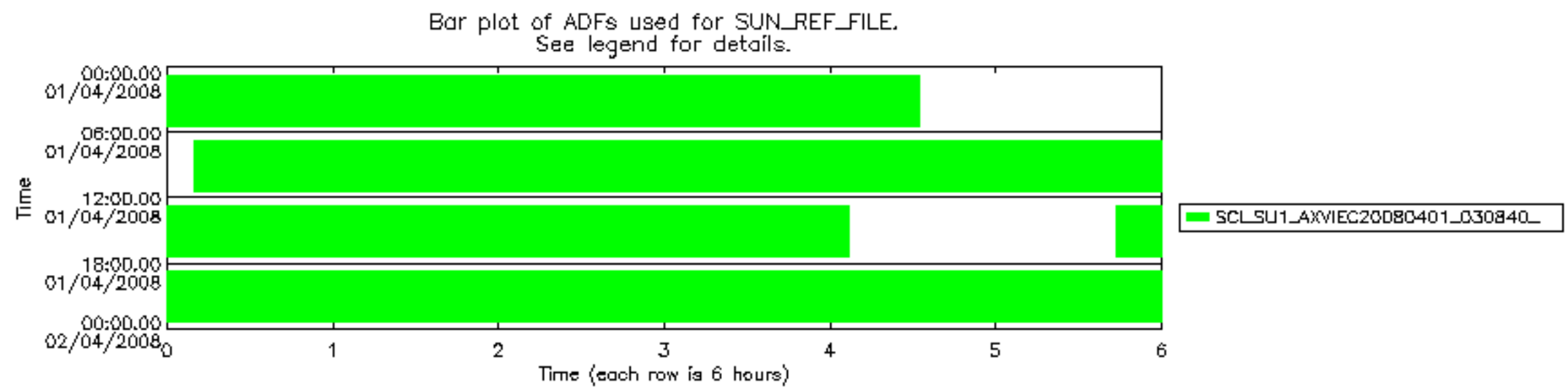
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector B on 01APR2008
The colours indicate the time in hours since 01APR2008 00:00:00

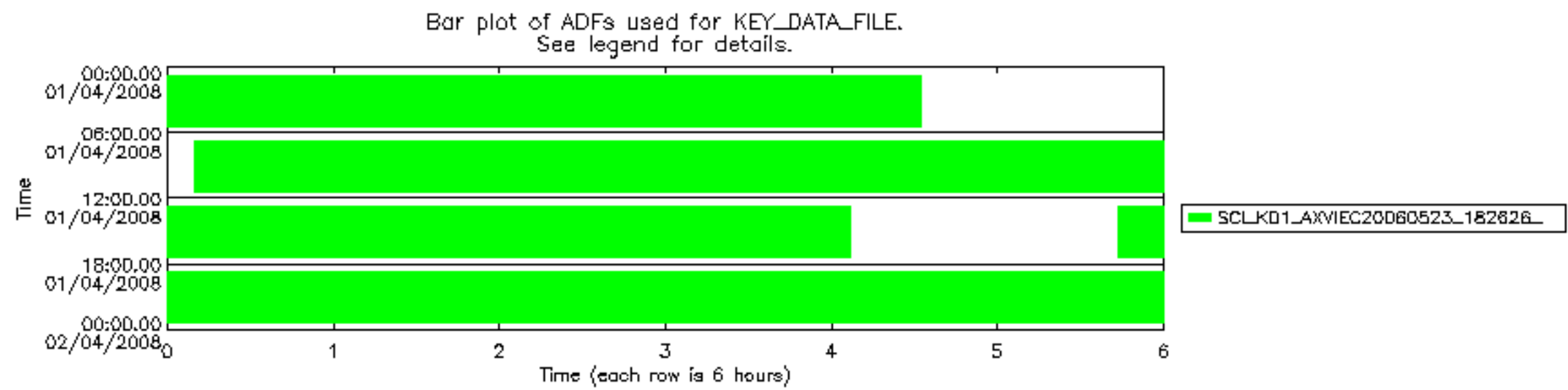


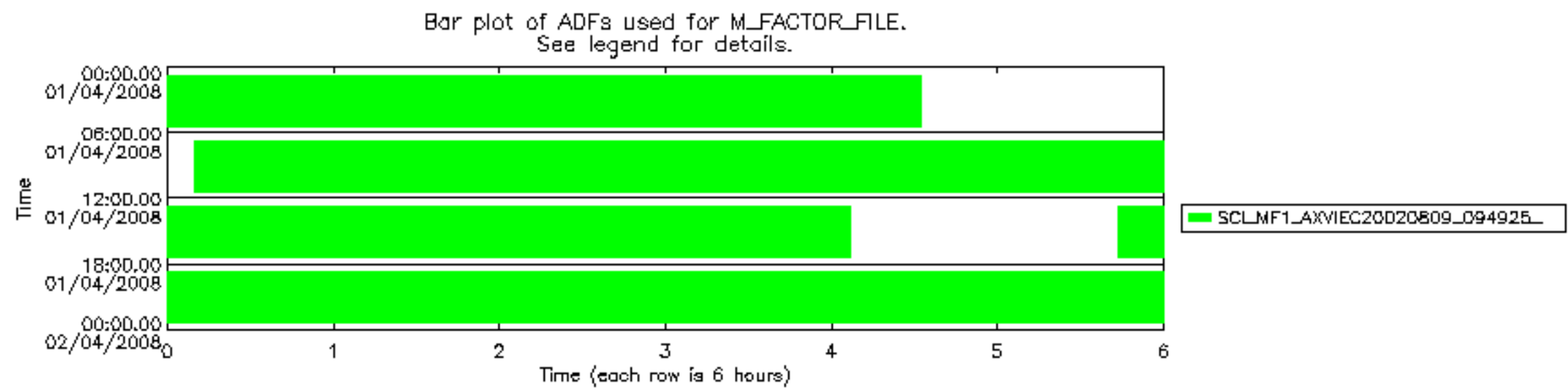


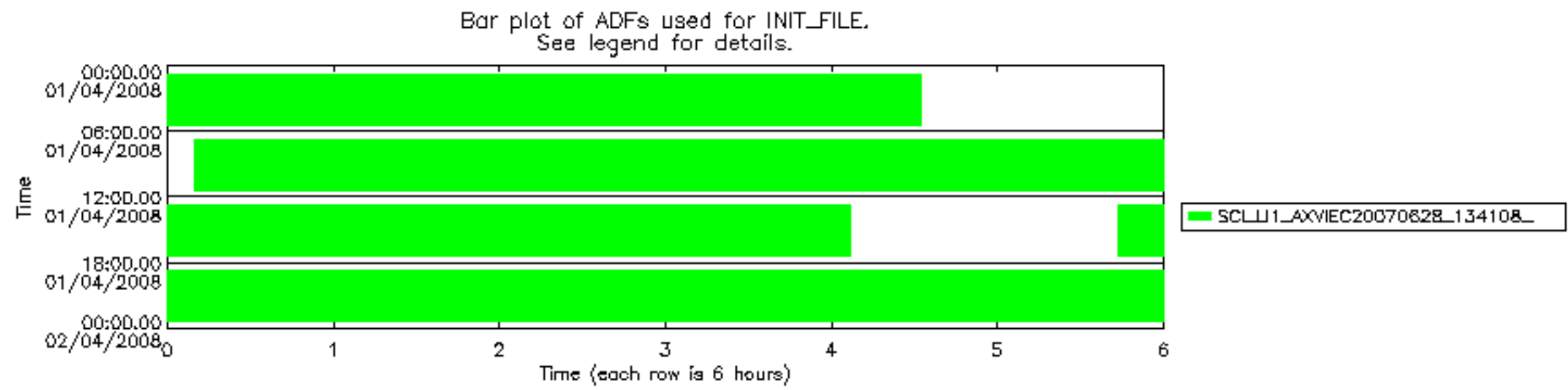


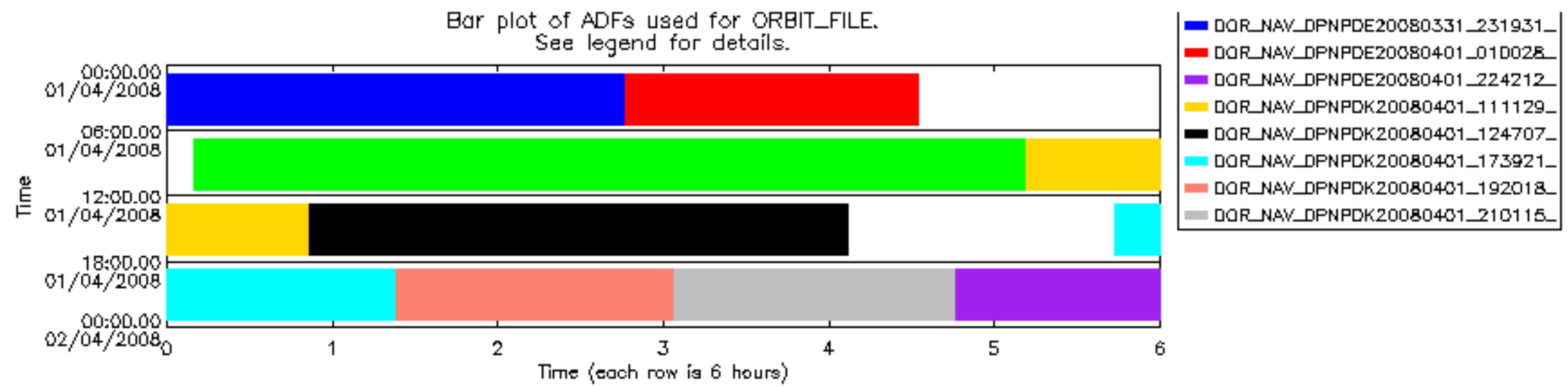


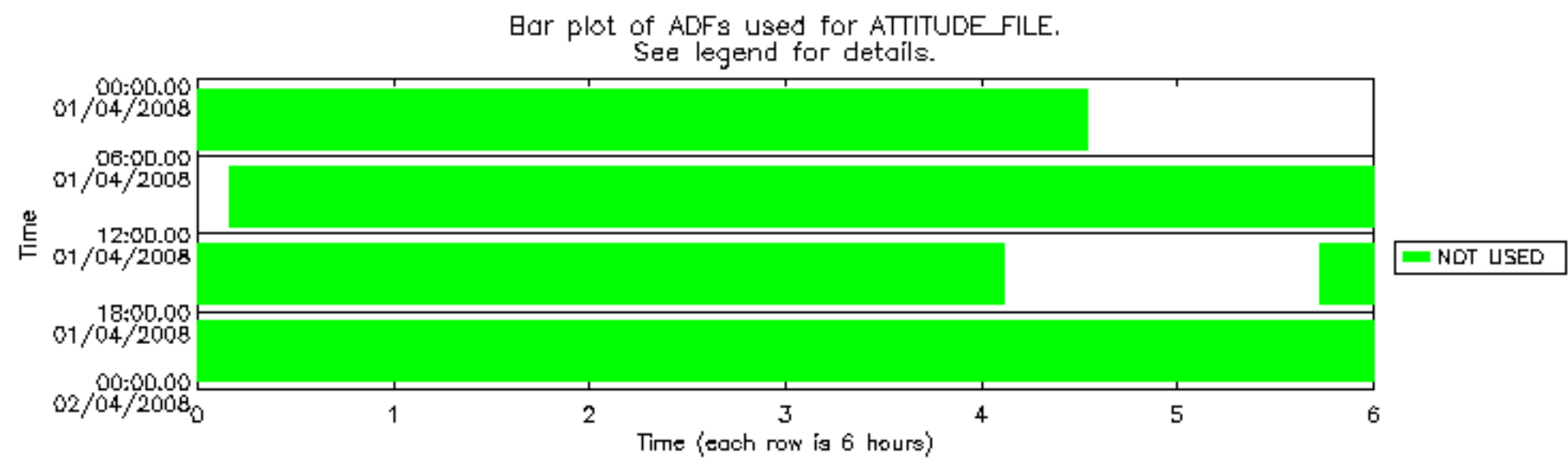












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 01APR2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

