

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	19APR2008 02:34:58
Data source version	SCIA/6.03-N
Processing scope for products	16APR2008 00:00:00 to 17APR2008 00:00:00
Start time of first product within scope	15APR2008 23:15:38
Stop time of last product within scope	16APR2008 22:45:32
Total number of level 1 products	15
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__1PNPDE20080415_231538_000062002067_00416_32033_3672.N1	15APR2008 23:15:38	16APR2008 00:58:59	0	31	47	1	1	3	15	0
1	SCI_NL__1PNPDE20080416_005737_000046312067_00417_32034_3974.N1	16APR2008 00:57:37	16APR2008 02:14:48	0	23	42	1	0	2	10	0
2	SCI_NL__1PNPDE20080416_021328_000058132067_00418_32035_4117.N1	16APR2008 02:13:28	16APR2008 03:50:21	0	29	43	1	1	3	15	0
3	SCI_NL__1PNPDE20080416_034846_000062002067_00419_32036_4783.N1	16APR2008 03:48:46	16APR2008 05:32:07	0	32	47	1	1	3	15	0
4	SCI_NL__1PNPDE20080416_053126_000060932067_00420_32037_5015.N1	16APR2008 05:31:26	16APR2008 07:13:00	0	31	46	1	1	3	15	0
5	SCI_NL__1PNPDK20080416_071202_000040842067_00421_32038_2255.N1	16APR2008 07:12:02	16APR2008 08:20:07	0	15	30	1	1	3	15	0
6	SCI_NL__1PNPDK20080416_081831_000061532067_00422_32039_2385.N1	16APR2008 08:18:31	16APR2008 10:01:04	0	32	46	1	1	3	15	0
7	SCI_NL__1PNPDK20080416_100002_000060652067_00423_32040_2523.N1	16APR2008 10:00:02	16APR2008 11:41:08	0	31	46	1	1	3	15	0
8	SCI_NL__1PNPDK20080416_113942_000059612067_00424_32041_2648.N1	16APR2008 11:39:42	16APR2008 13:19:03	0	31	44	1	1	3	15	0
9	SCI_NL__1PNPDK20080416_131813_000059722067_00425_32042_2708.N1	16APR2008 13:18:13	16APR2008 14:57:46	0	31	45	1	1	3	15	0
10	SCI_NL__1PNPDK20080416_145535_000060292067_00426_32043_2914.N1	16APR2008 14:55:35	16APR2008 16:36:05	0	30	45	1	1	3	15	0
11	SCI_NL__1PNPDK20080416_163407_000058902067_00427_32044_3046.N1	16APR2008 16:34:07	16APR2008 18:12:17	0	29	44	2	2	3	15	0
12	SCI_NL__1PNPDK20080416_181009_000060242067_00428_32045_3173.N1	16APR2008 18:10:09	16APR2008 19:50:34	0	32	44	1	4	3	15	0
13	SCI_NL__1PNPDE20080416_194908_000042422067_00429_32046_5660.N1	16APR2008 19:49:08	16APR2008 20:59:50	0	32	27	0	2	2	1	0
14	SCI_NL__1PNPDE20080416_205819_000064332067_00429_32046_5854.N1	16APR2008 20:58:19	16APR2008 22:45:32	0	32	49	1	1	3	20	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:

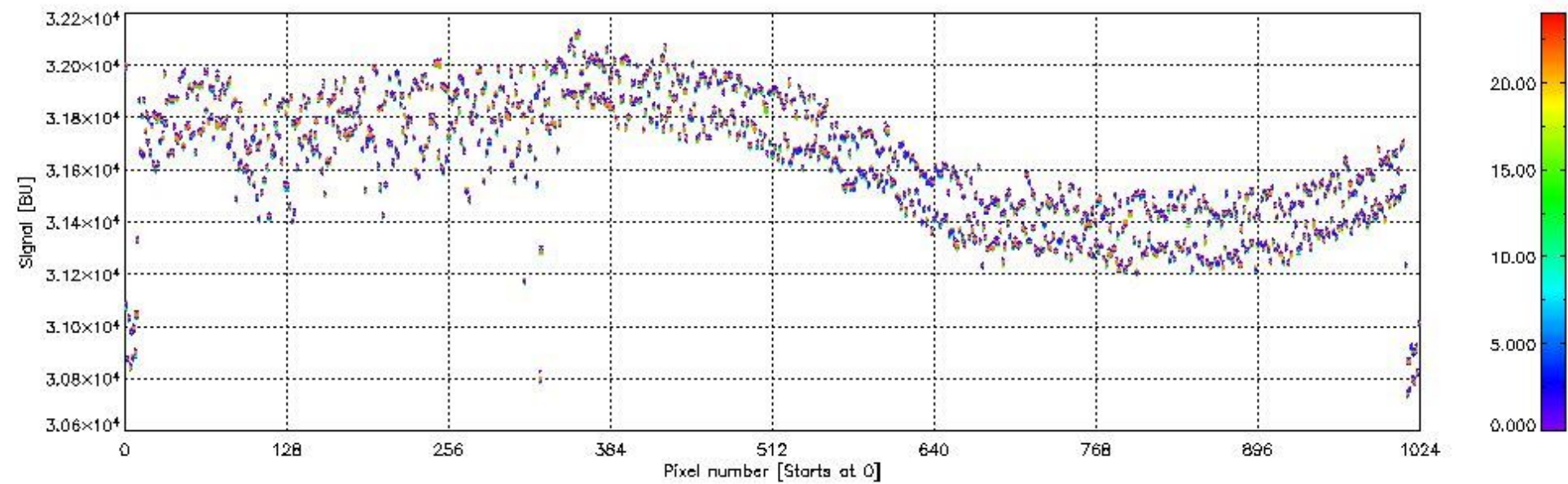
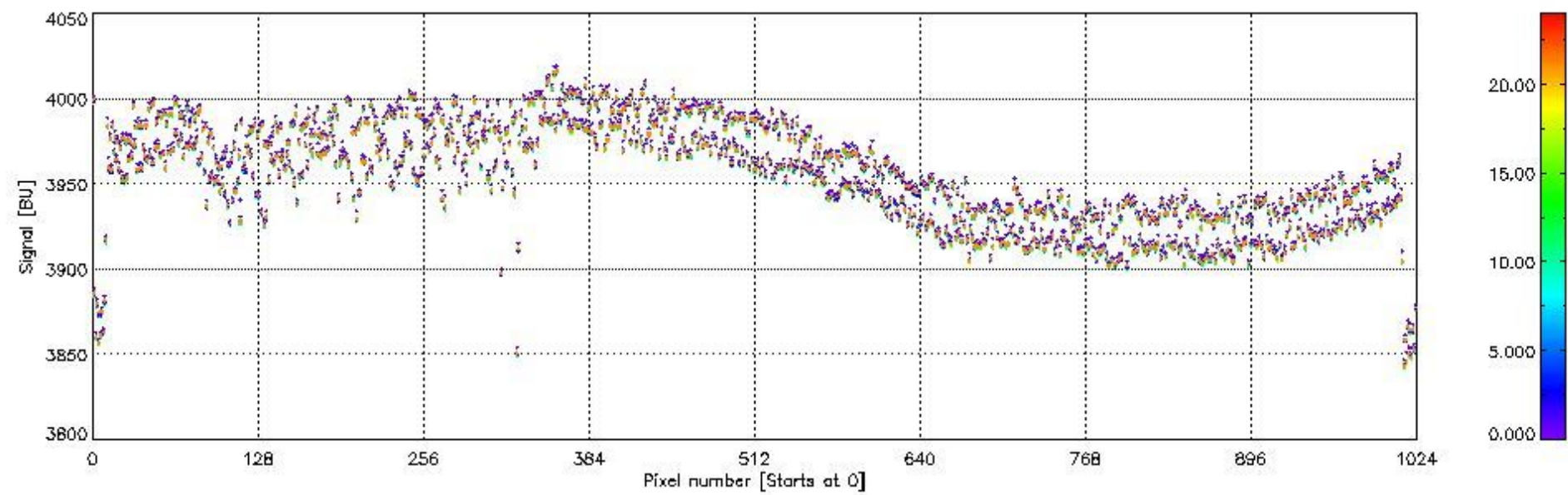
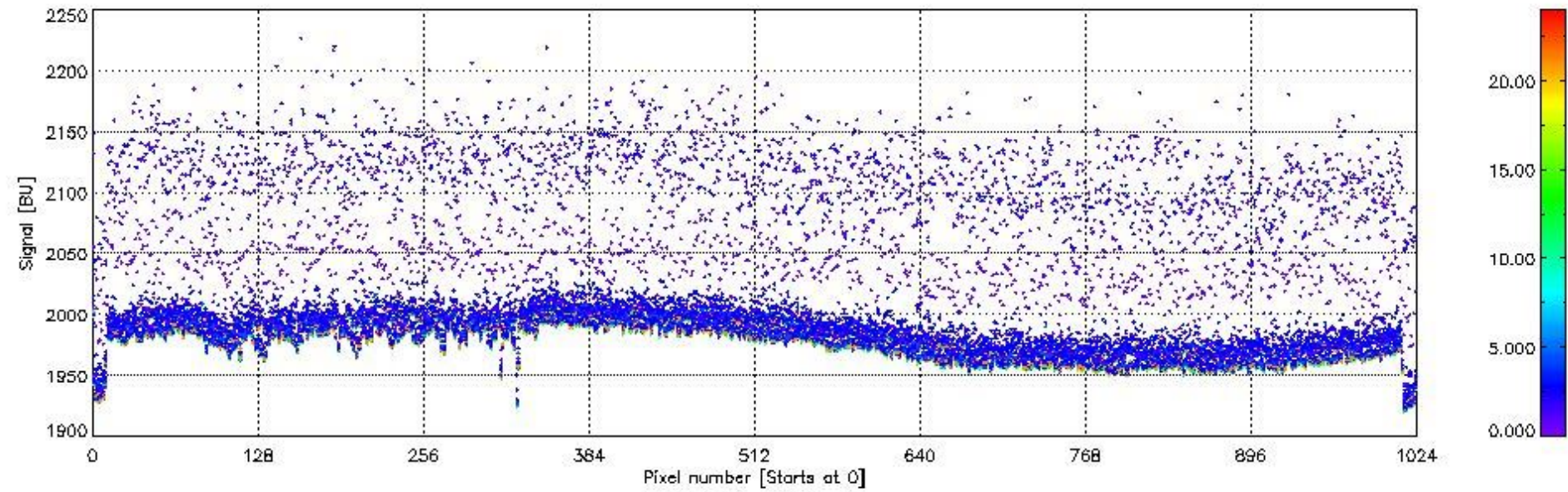
- Dark measurements (if available)
- New leakage current parameters (if available)
- New spectral calibration parameters (if available)
- New sun reference spectrum (if available)

5. New PPG/Etalon parameters (if available)

1.2.1 Dark measurements overview

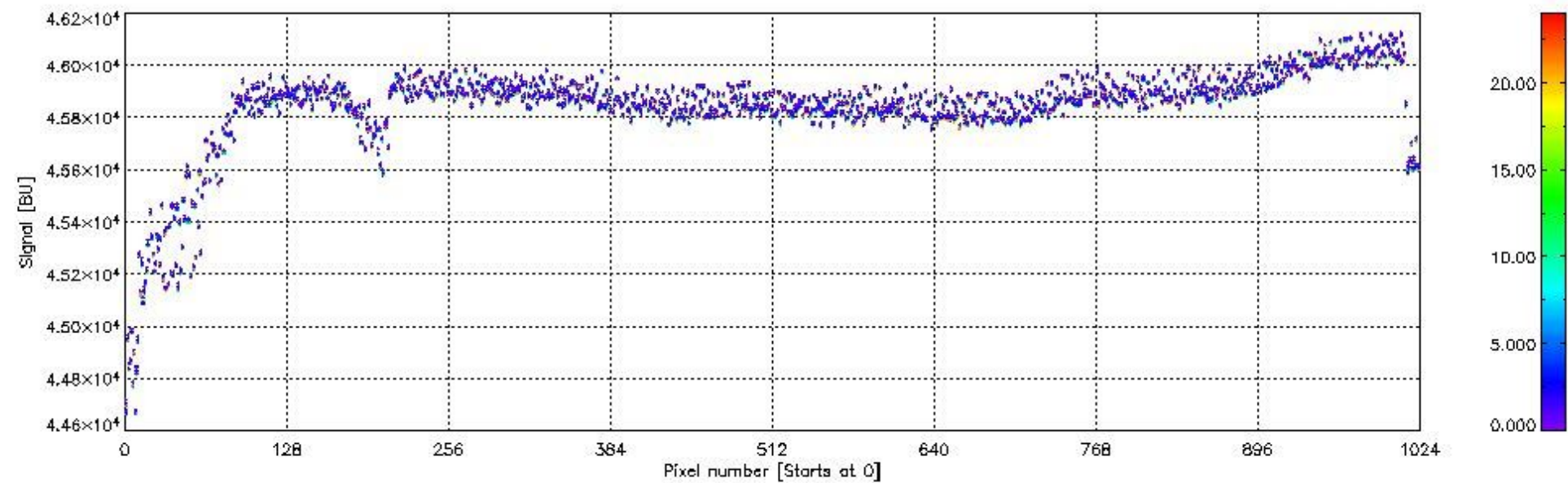
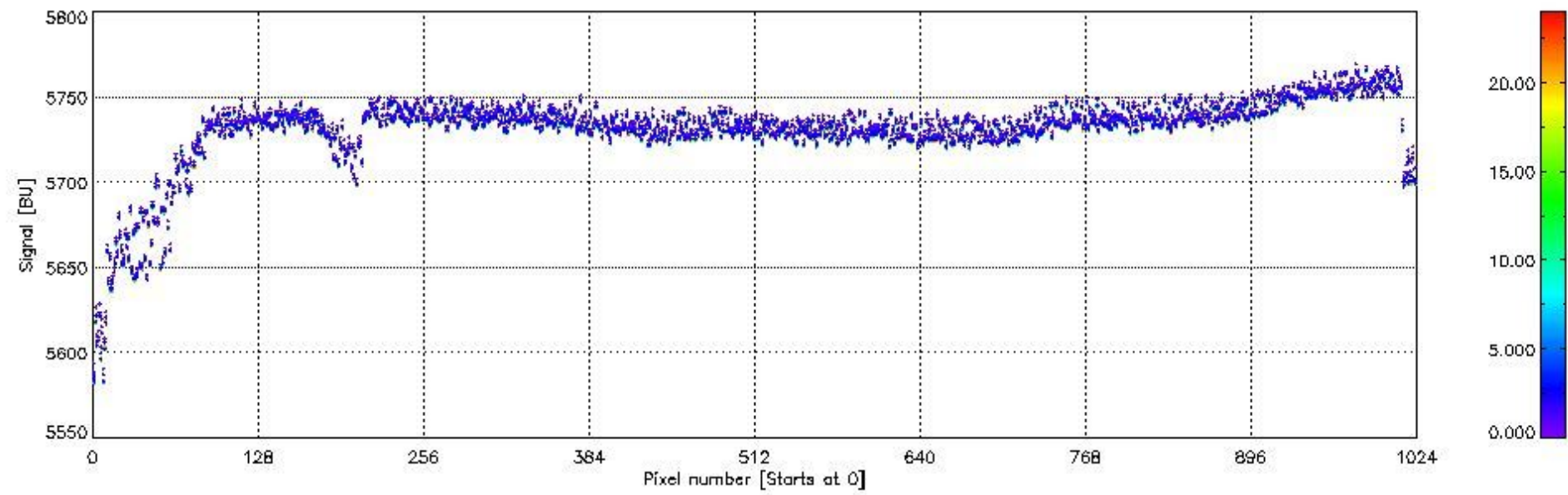
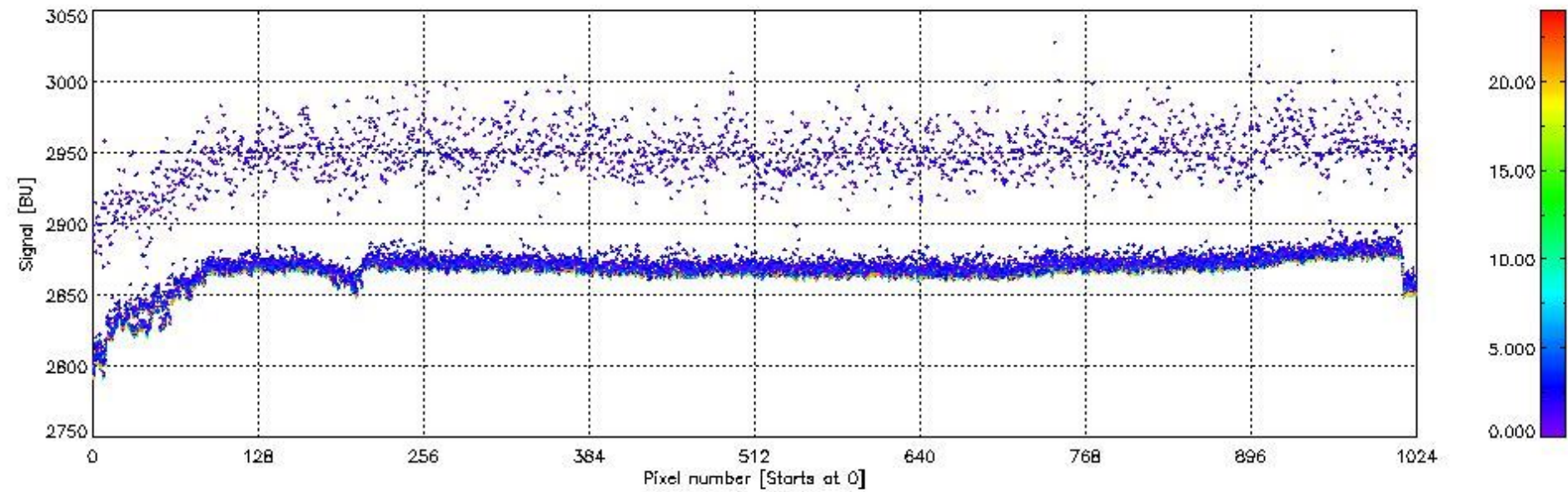
This section lists properties of the dark measurements performed within the processing scope.

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



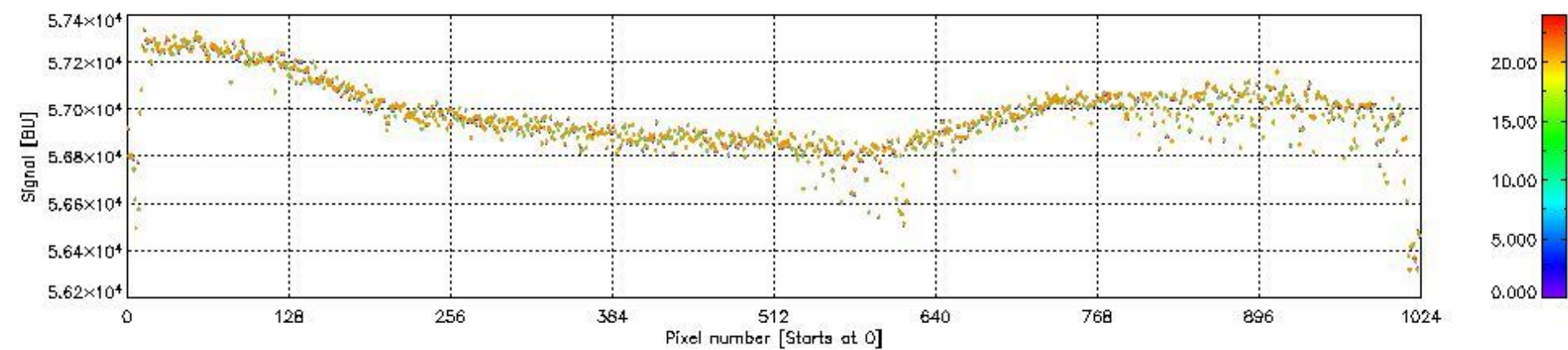
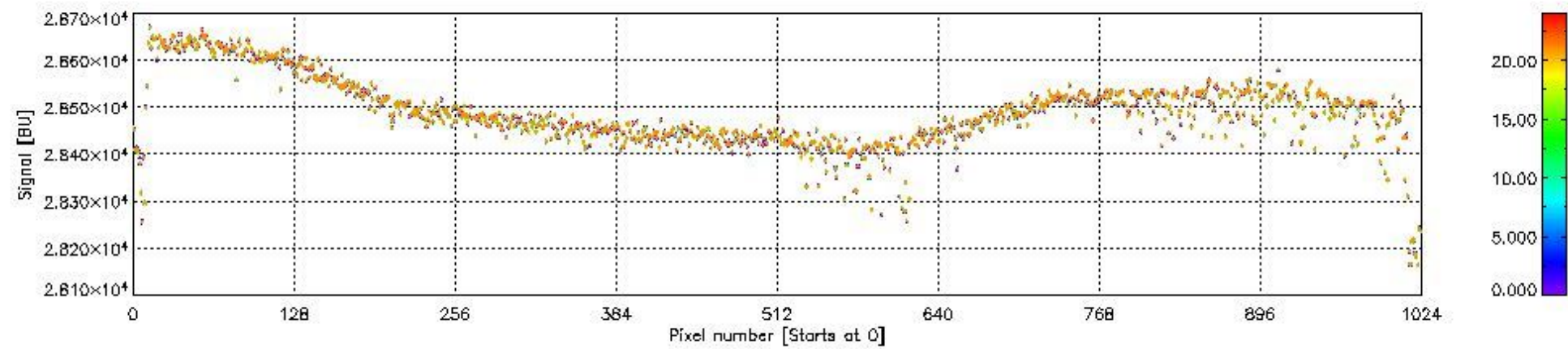
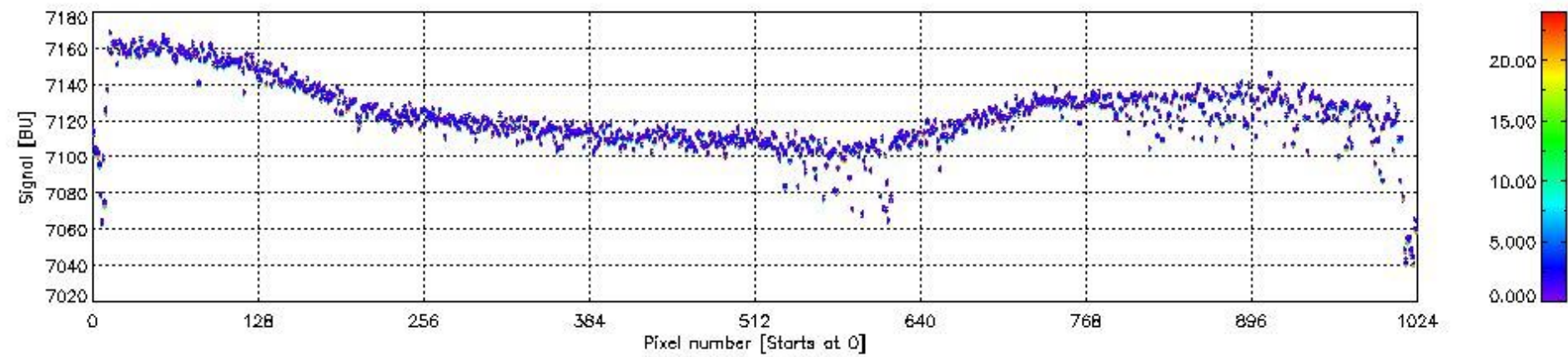
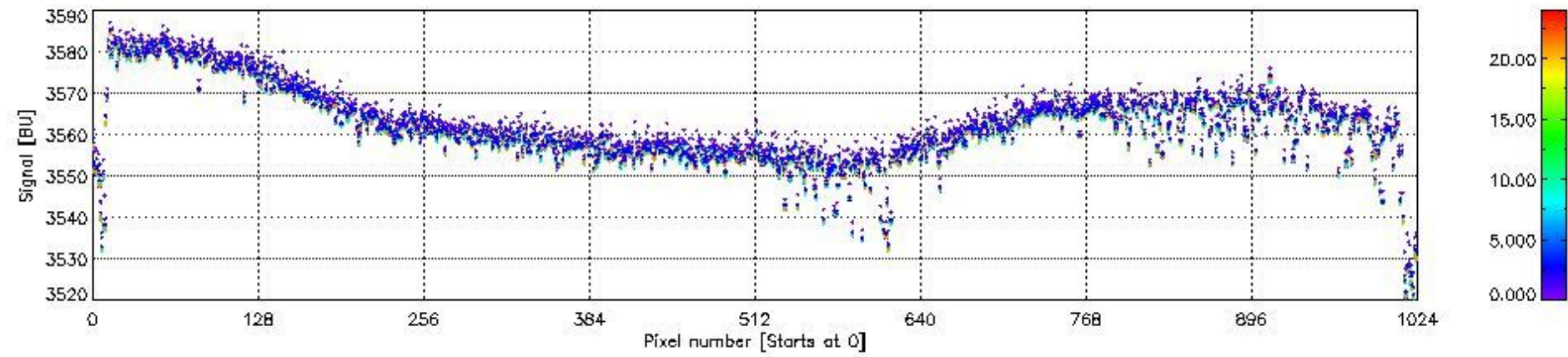
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_0.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



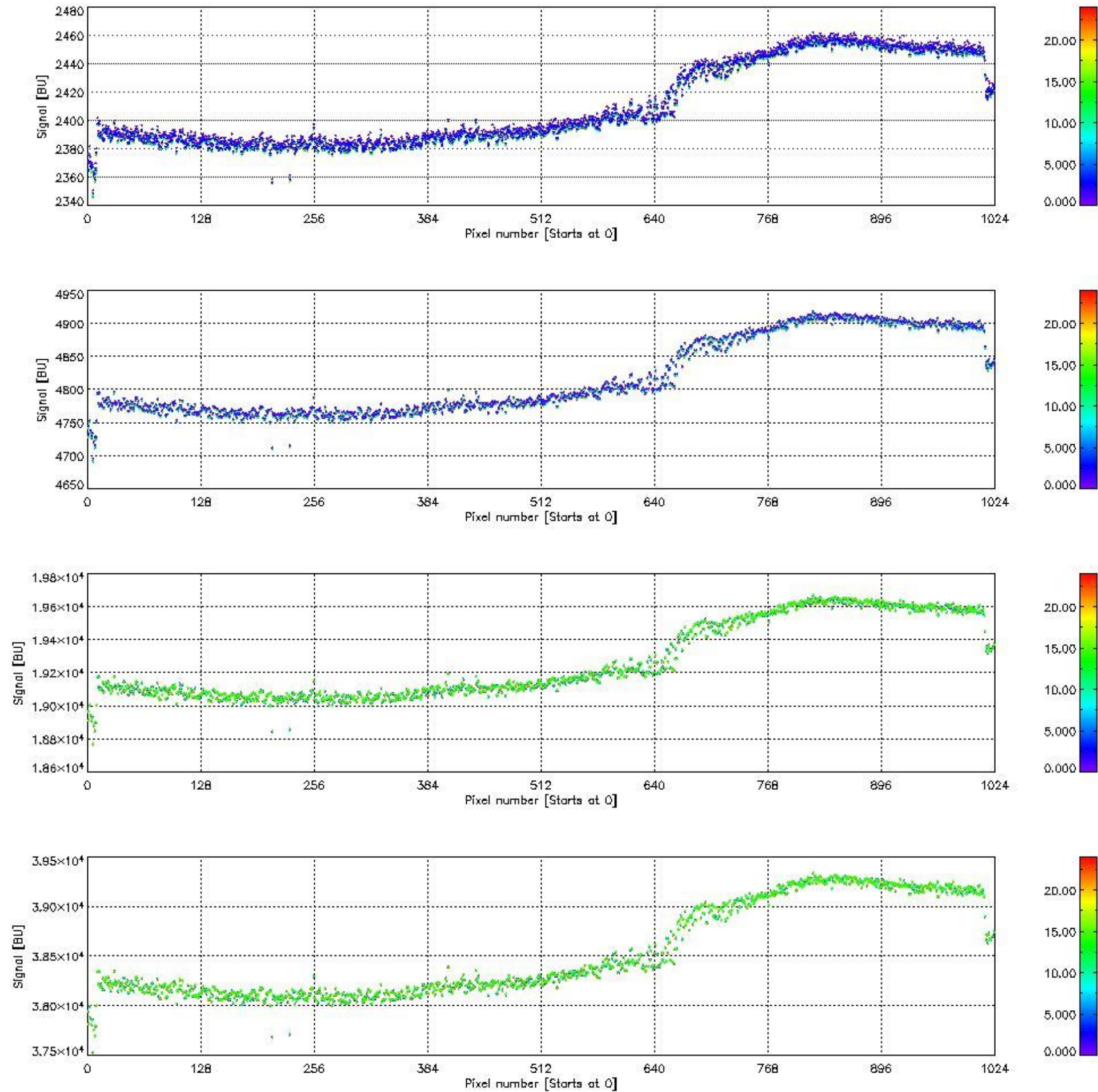
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_1.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



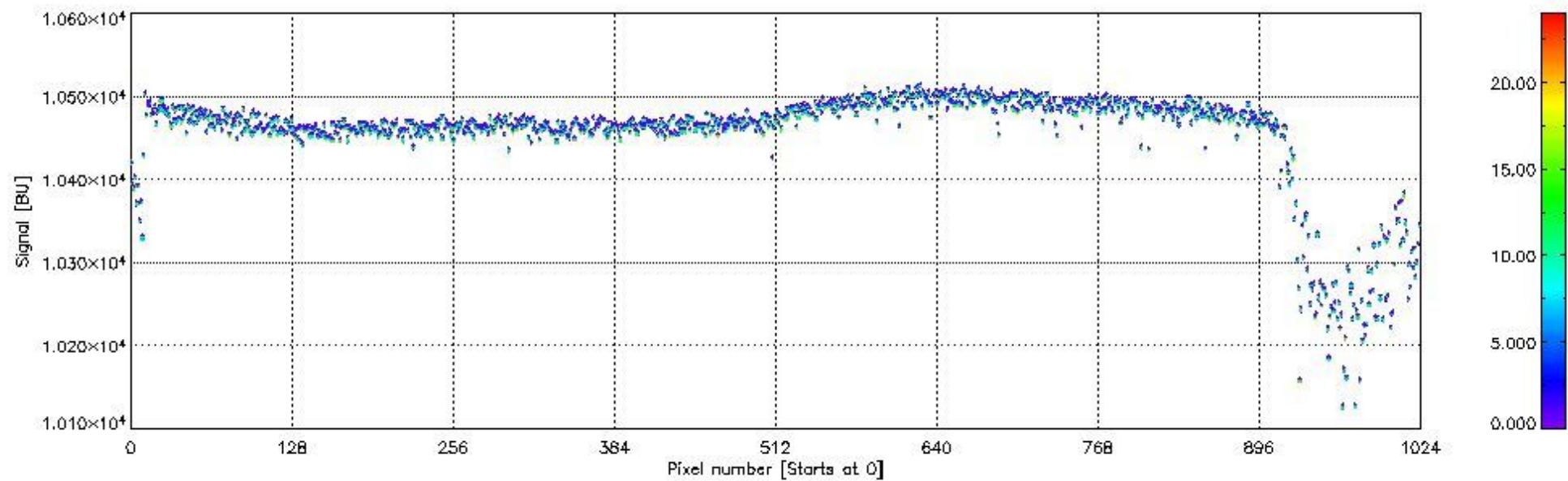
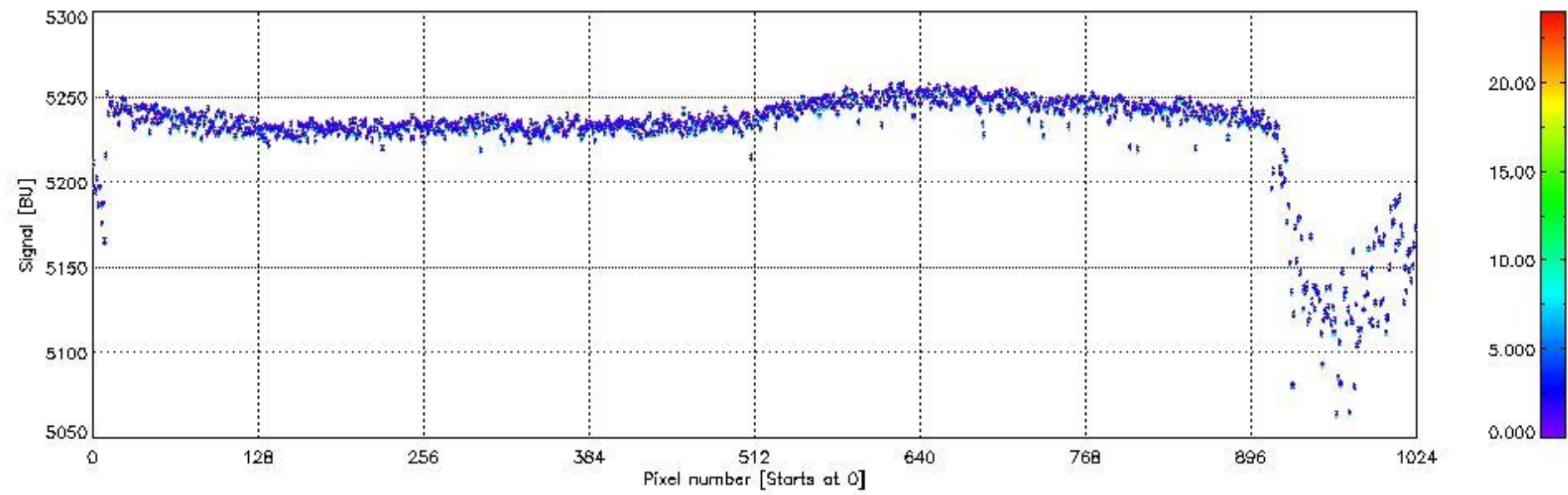
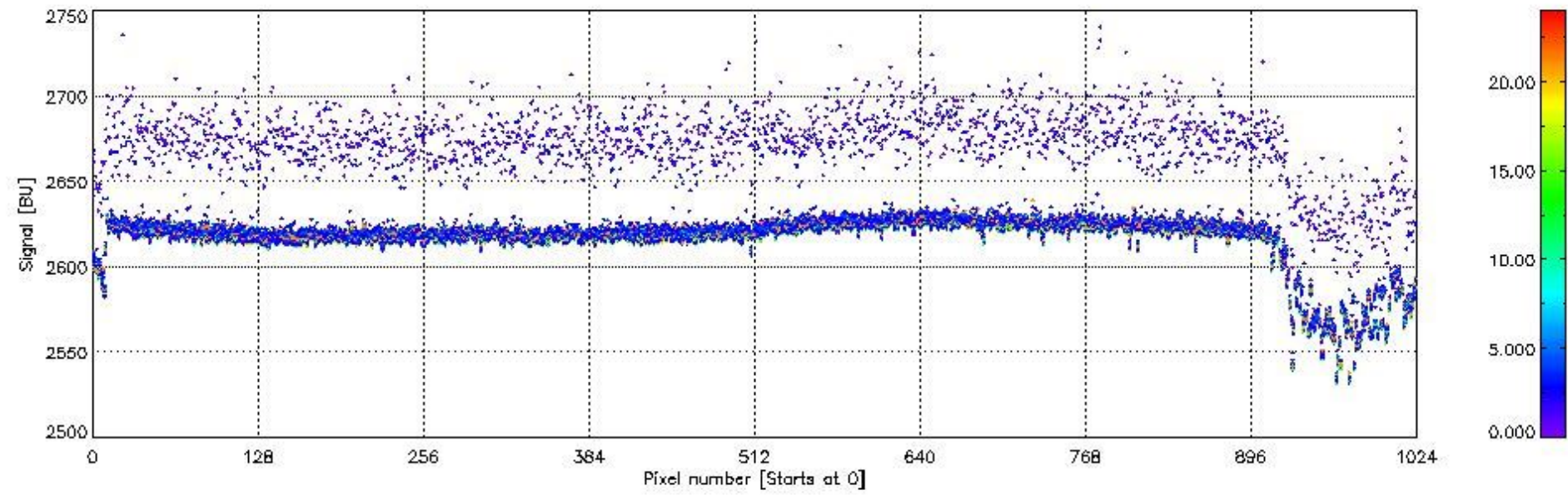
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_2.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



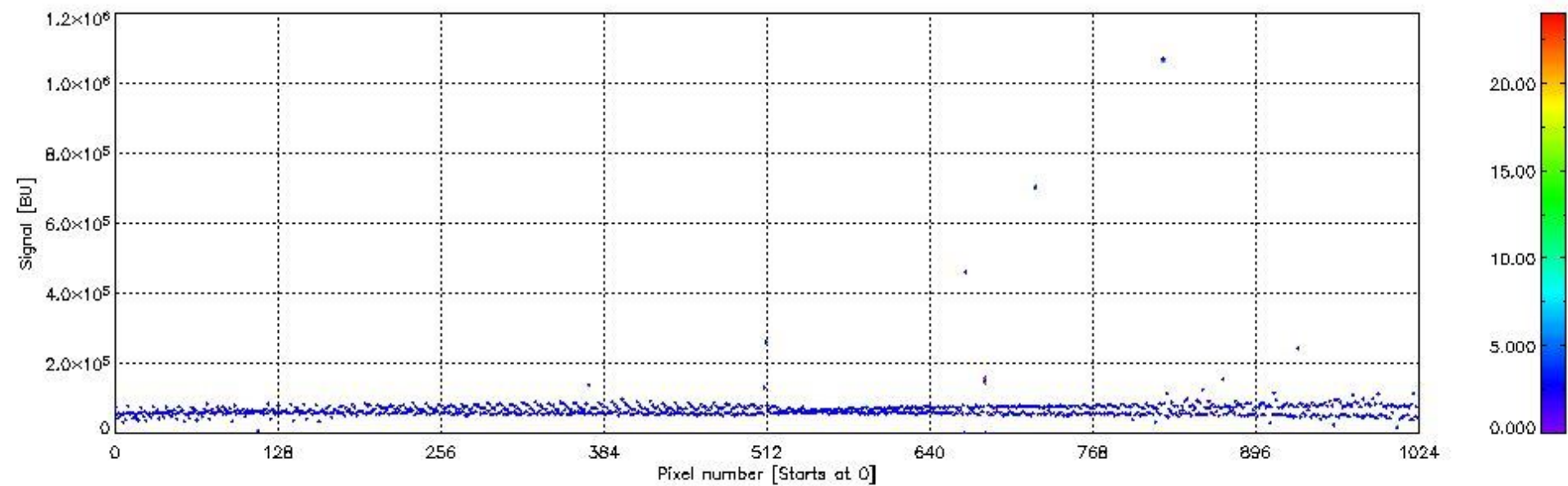
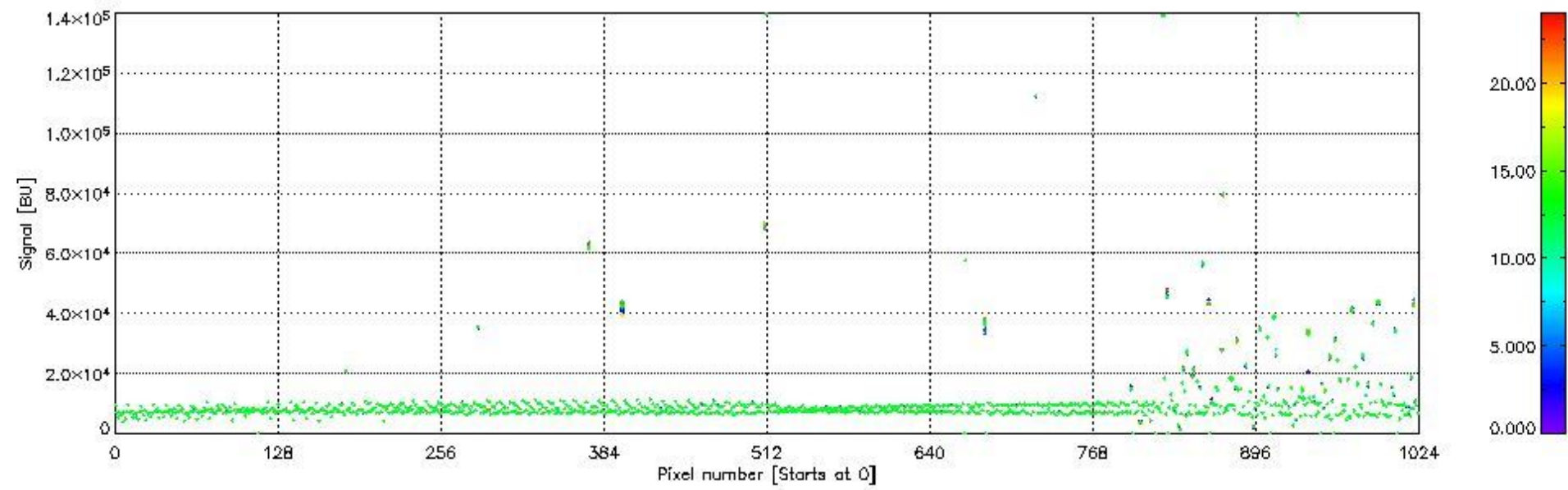
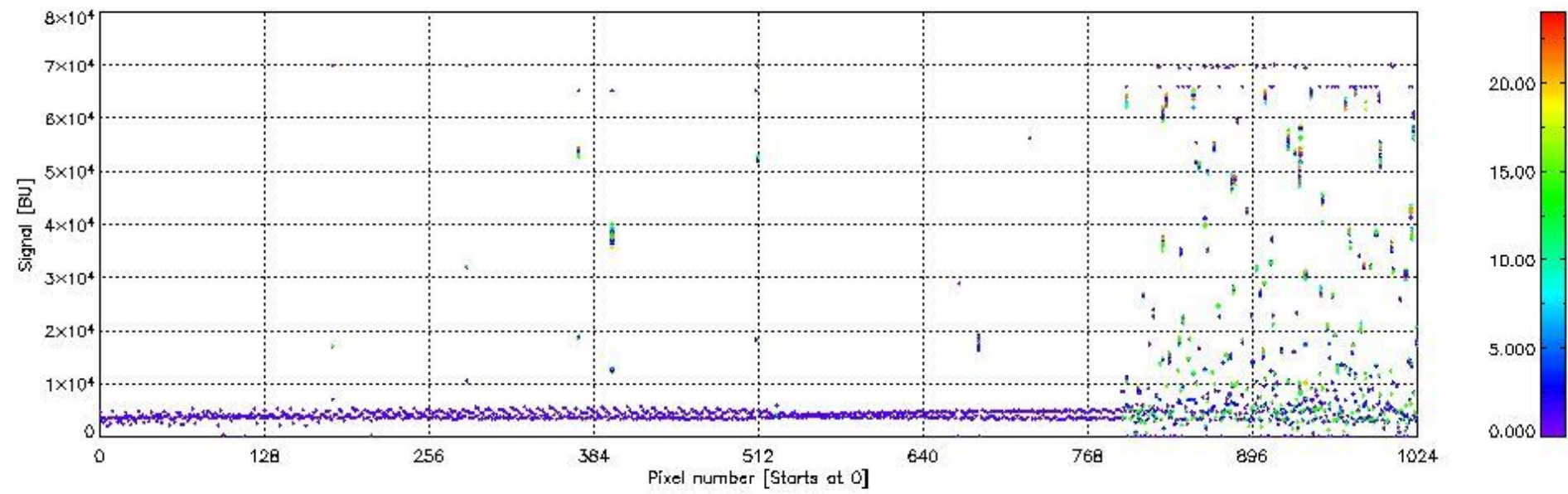
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_3.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



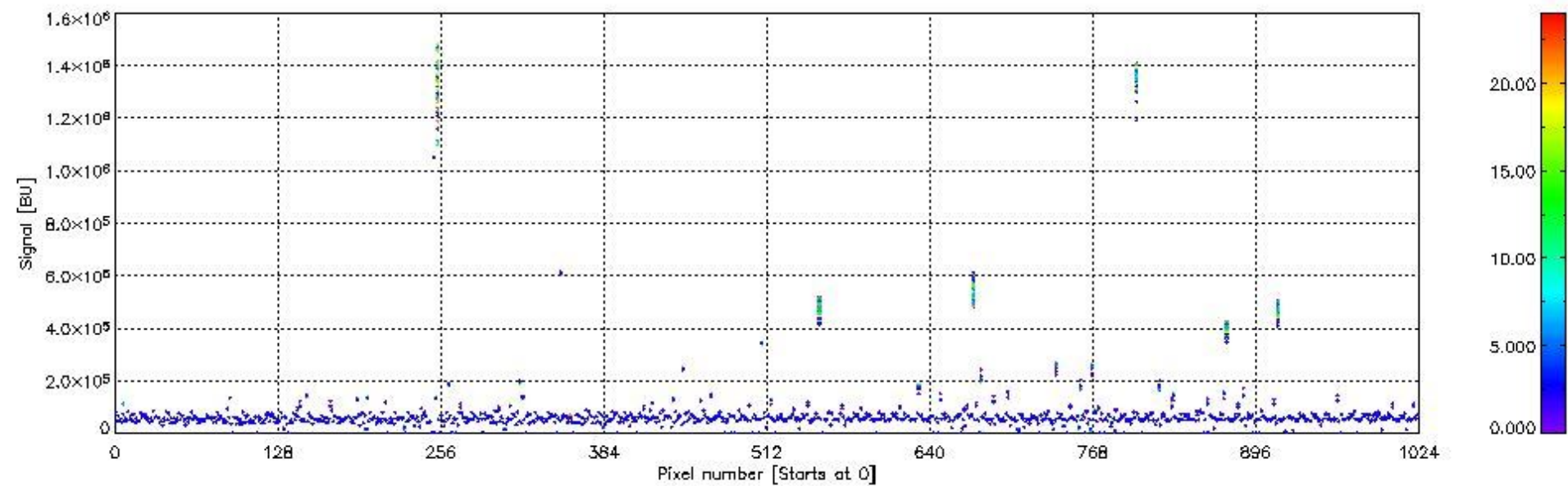
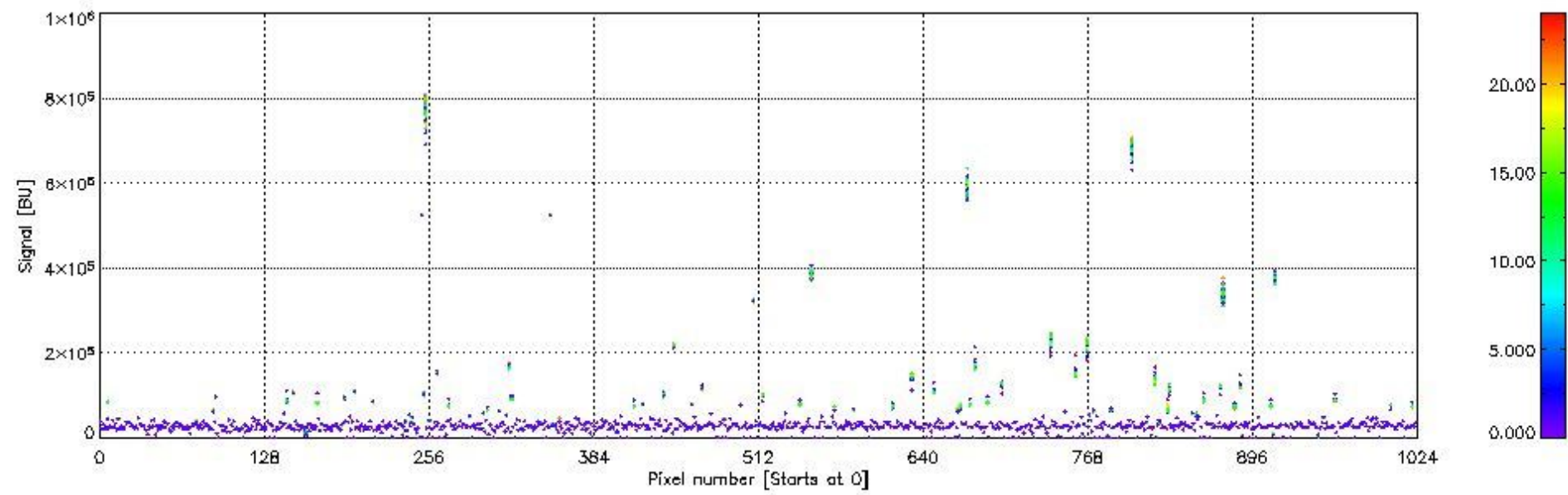
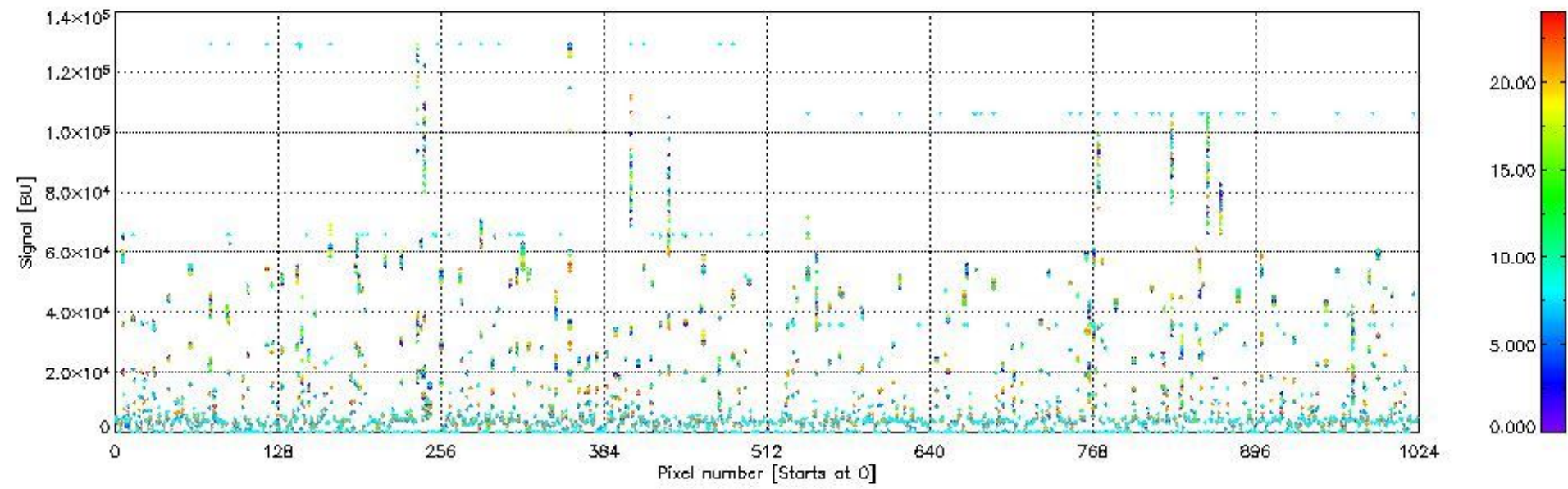
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_4.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



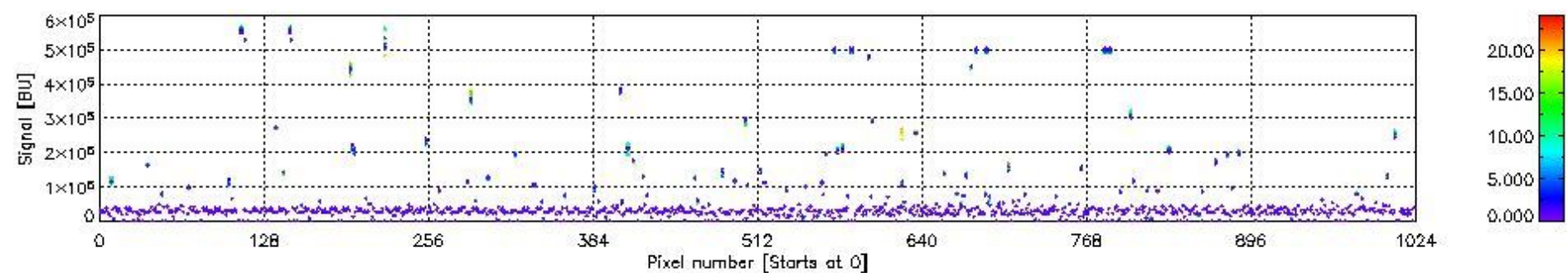
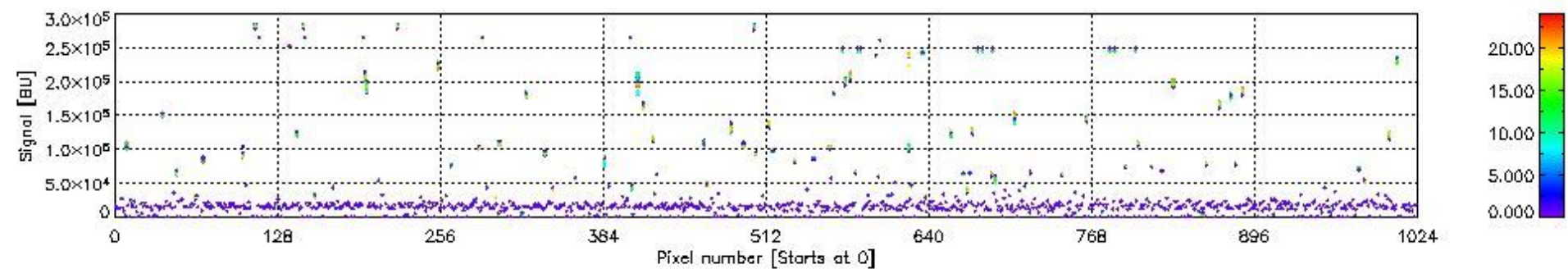
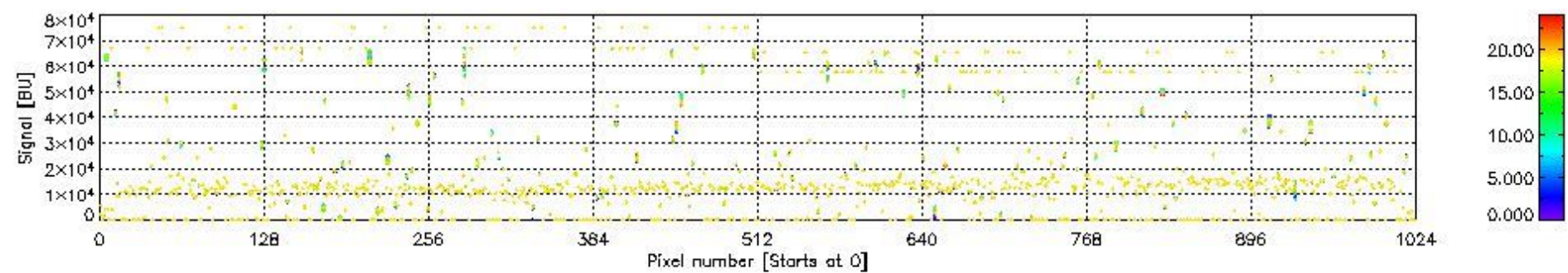
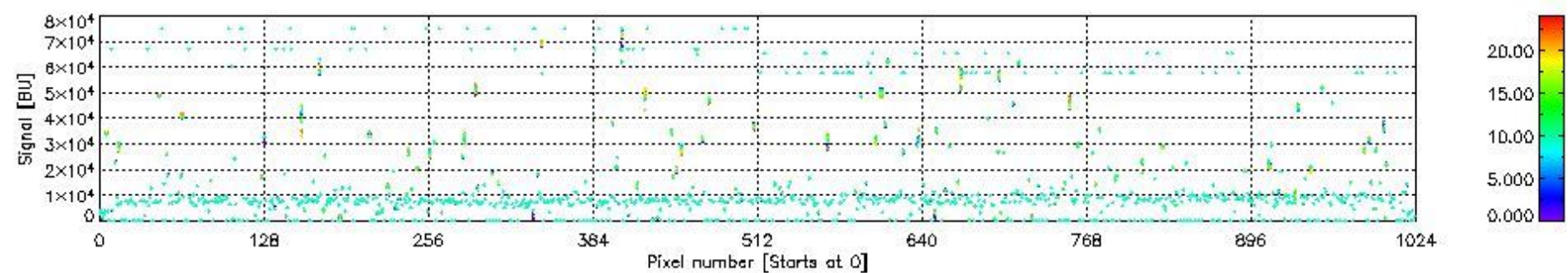
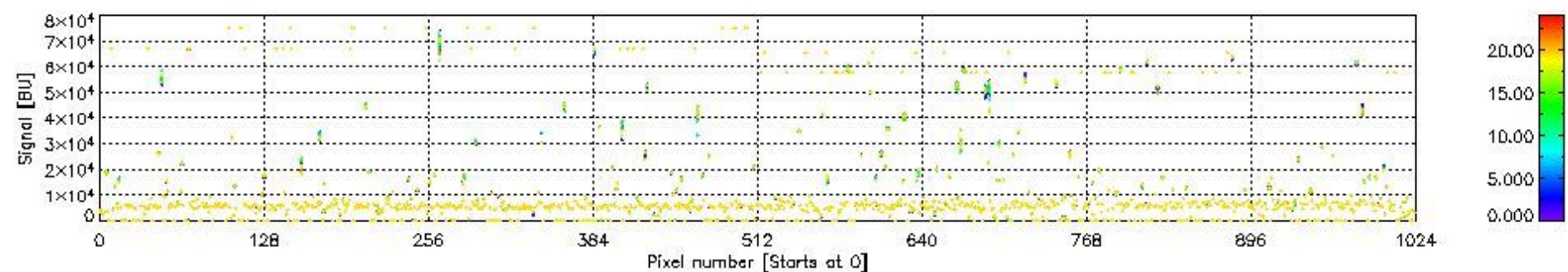
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_5.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



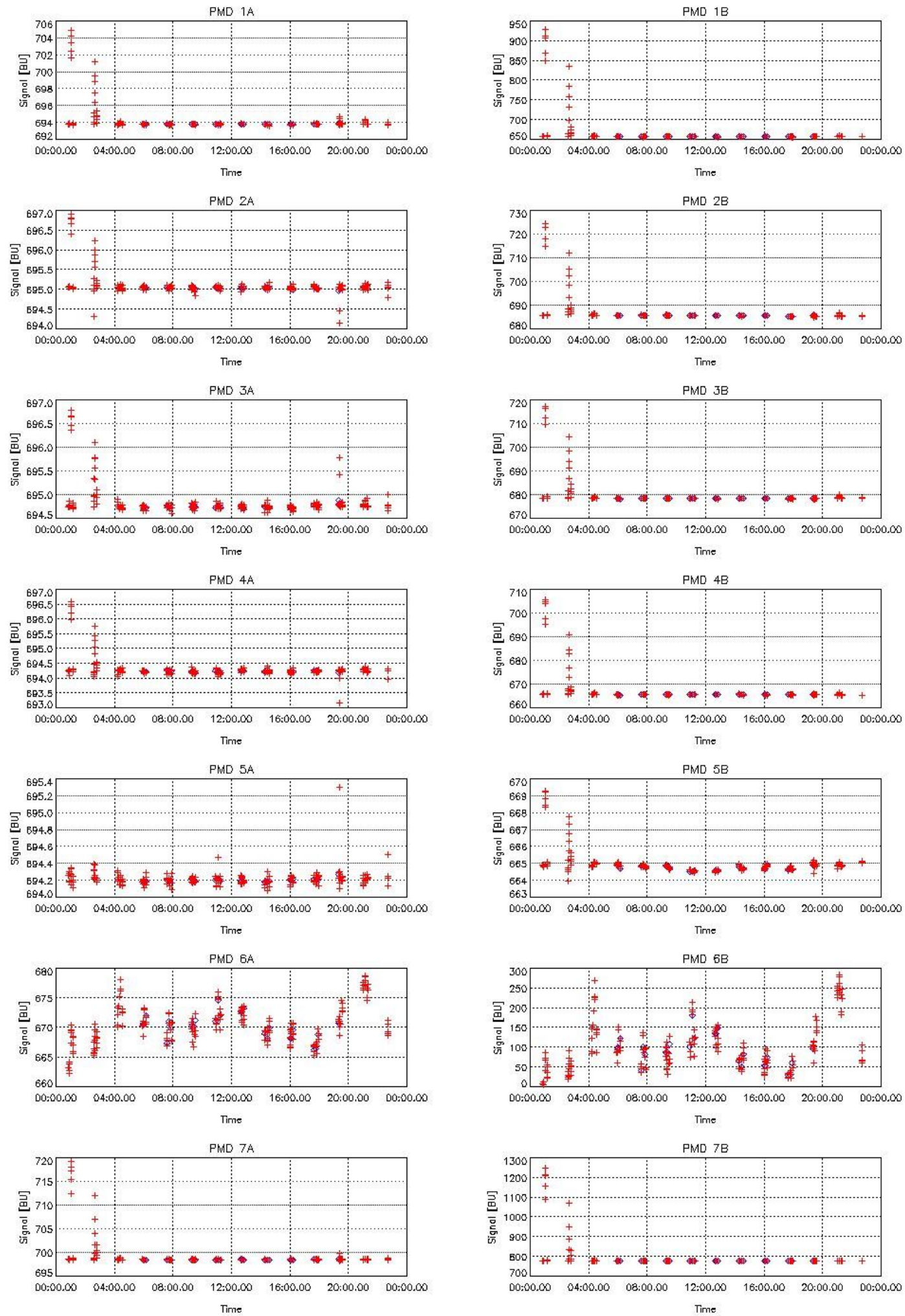
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_6.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00

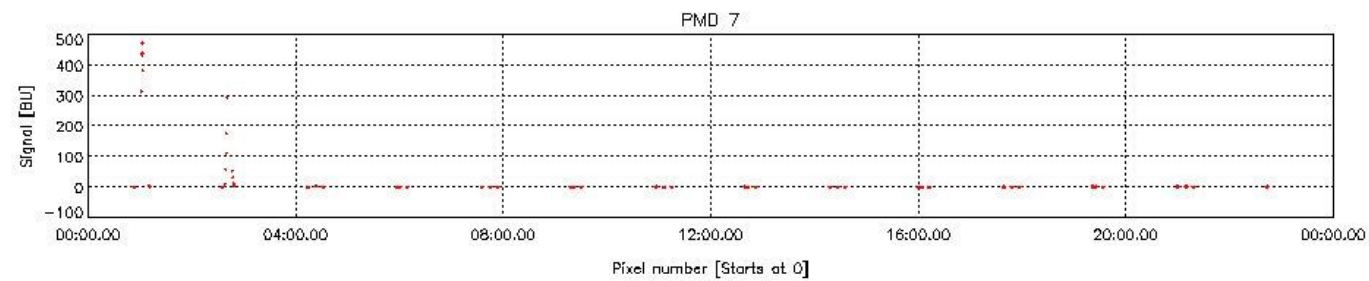
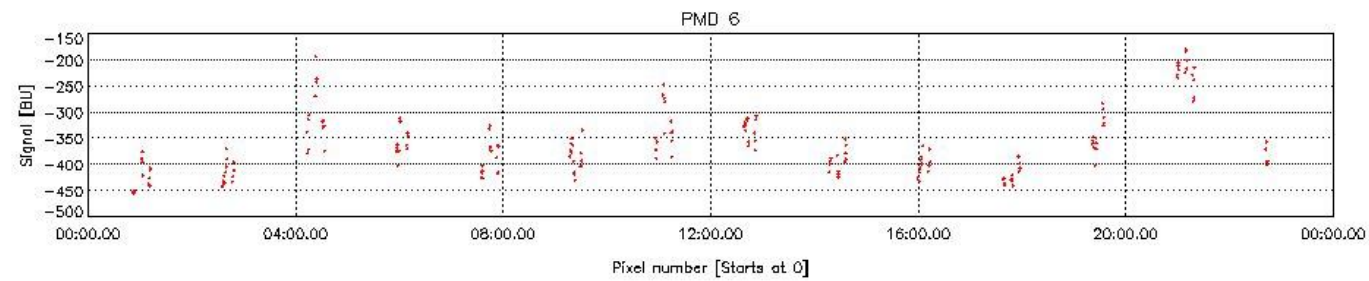
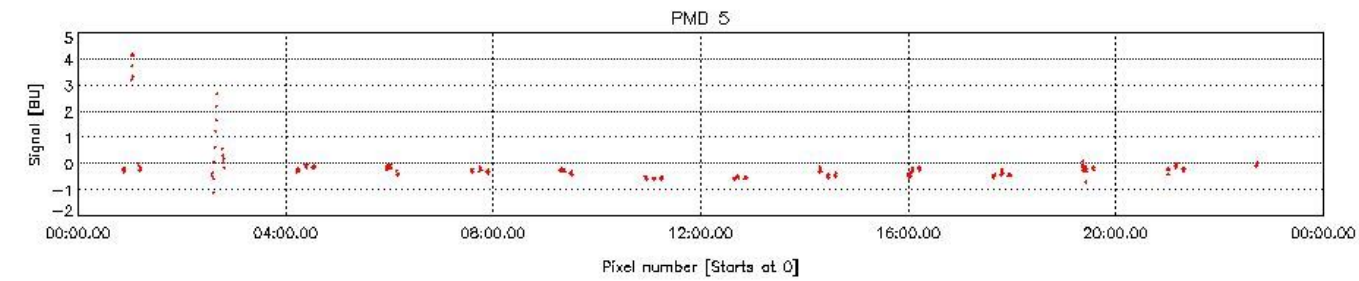
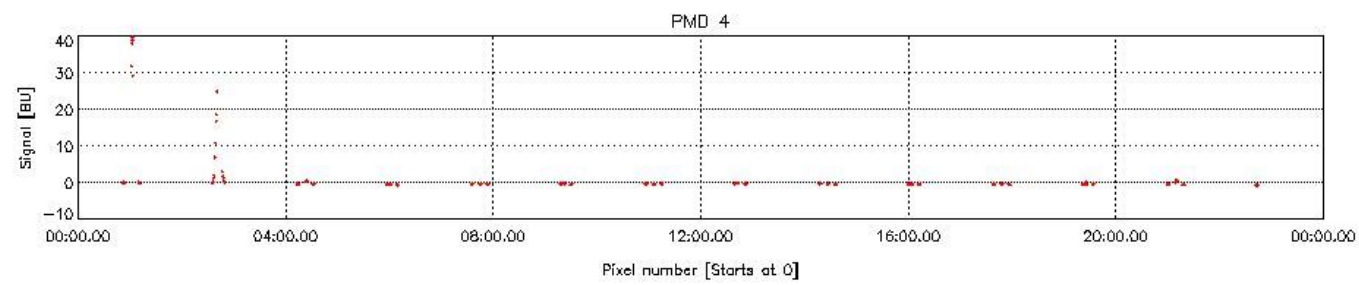
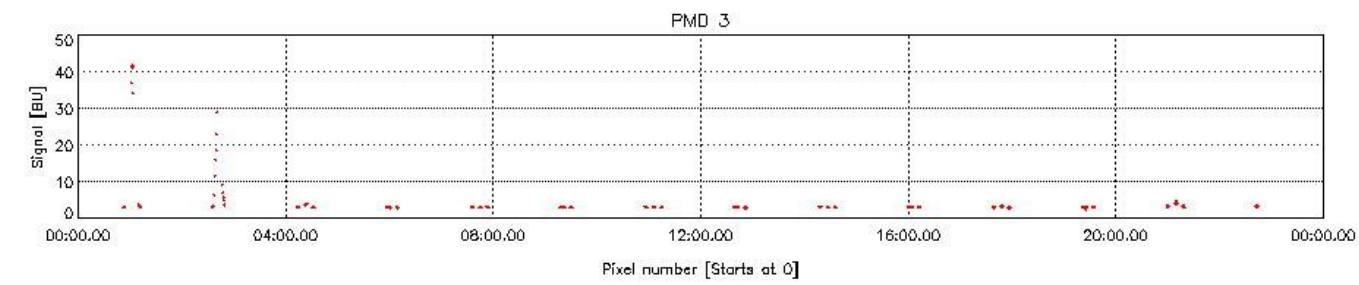
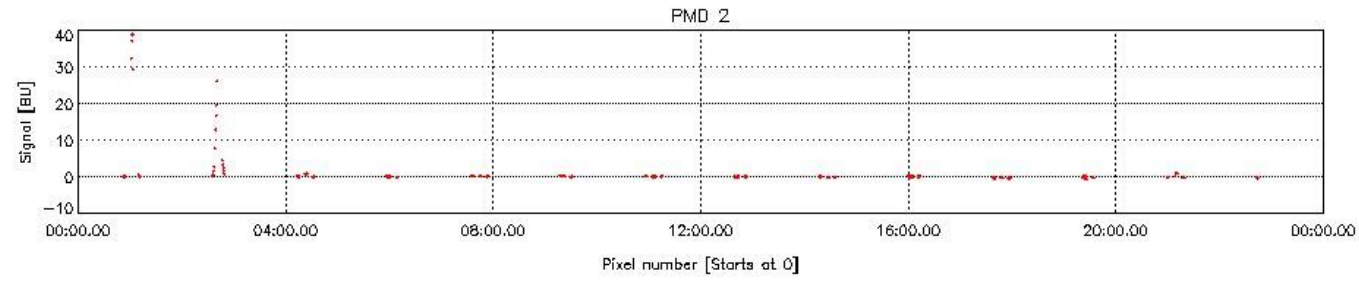
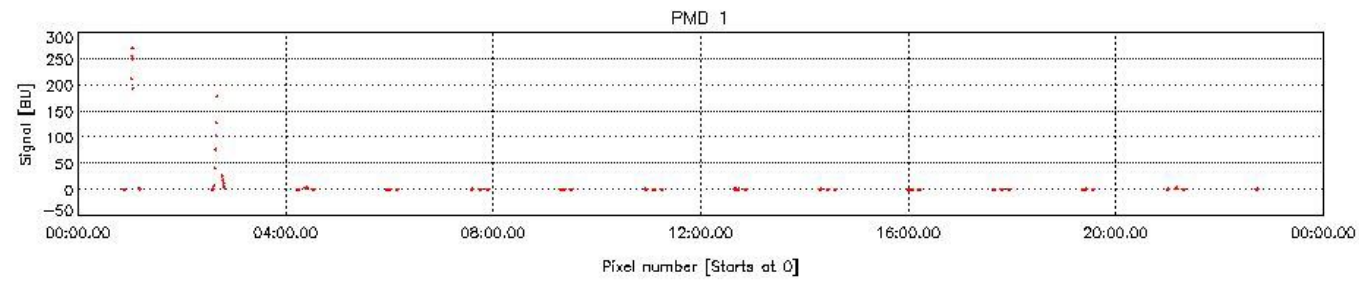


sciamachy_daily_report_level1_SCIA_6_03_N_20080416_7.PNG

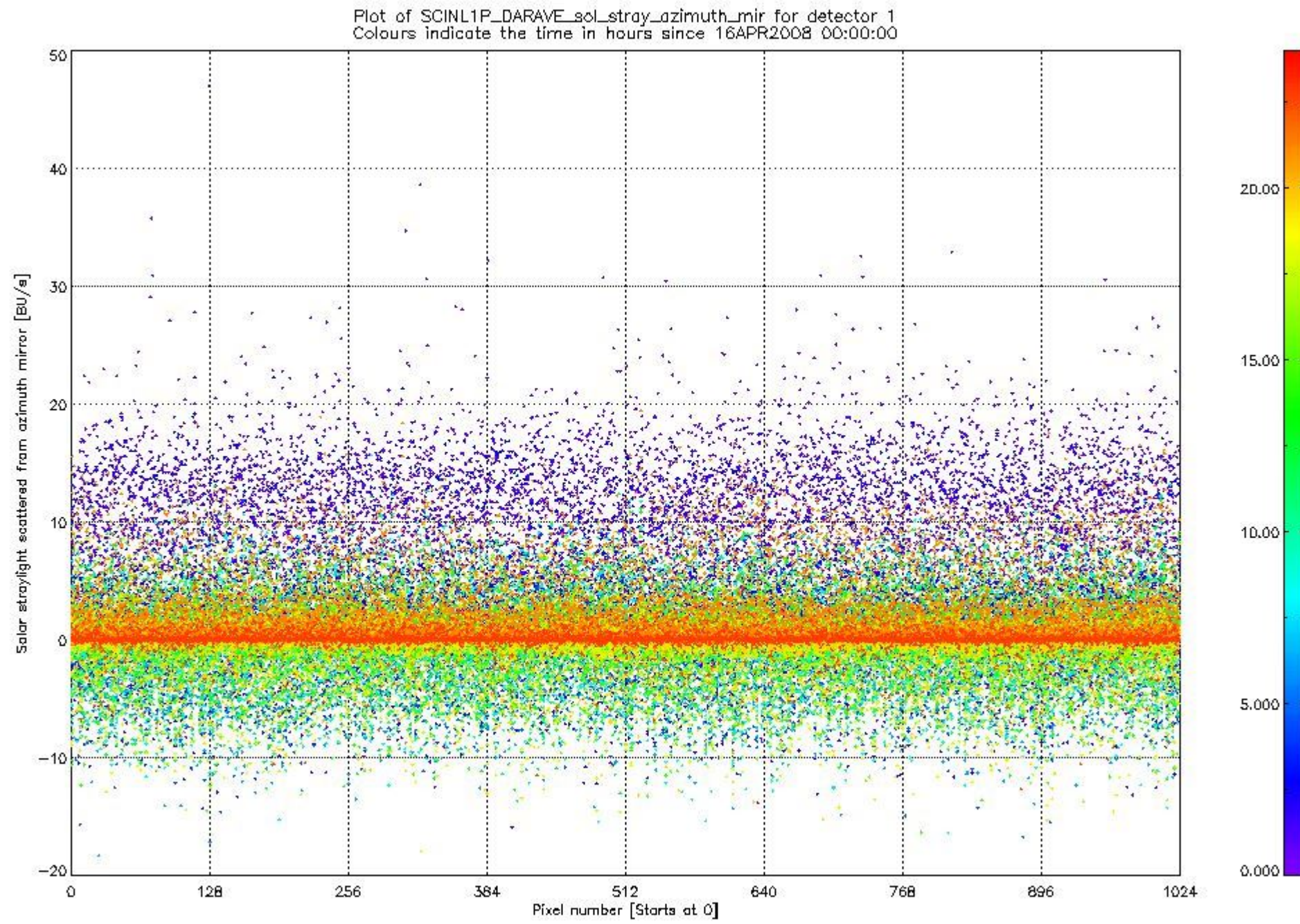
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 16APR2008 (red).
New leakage current offset data is given in blue for comparison.



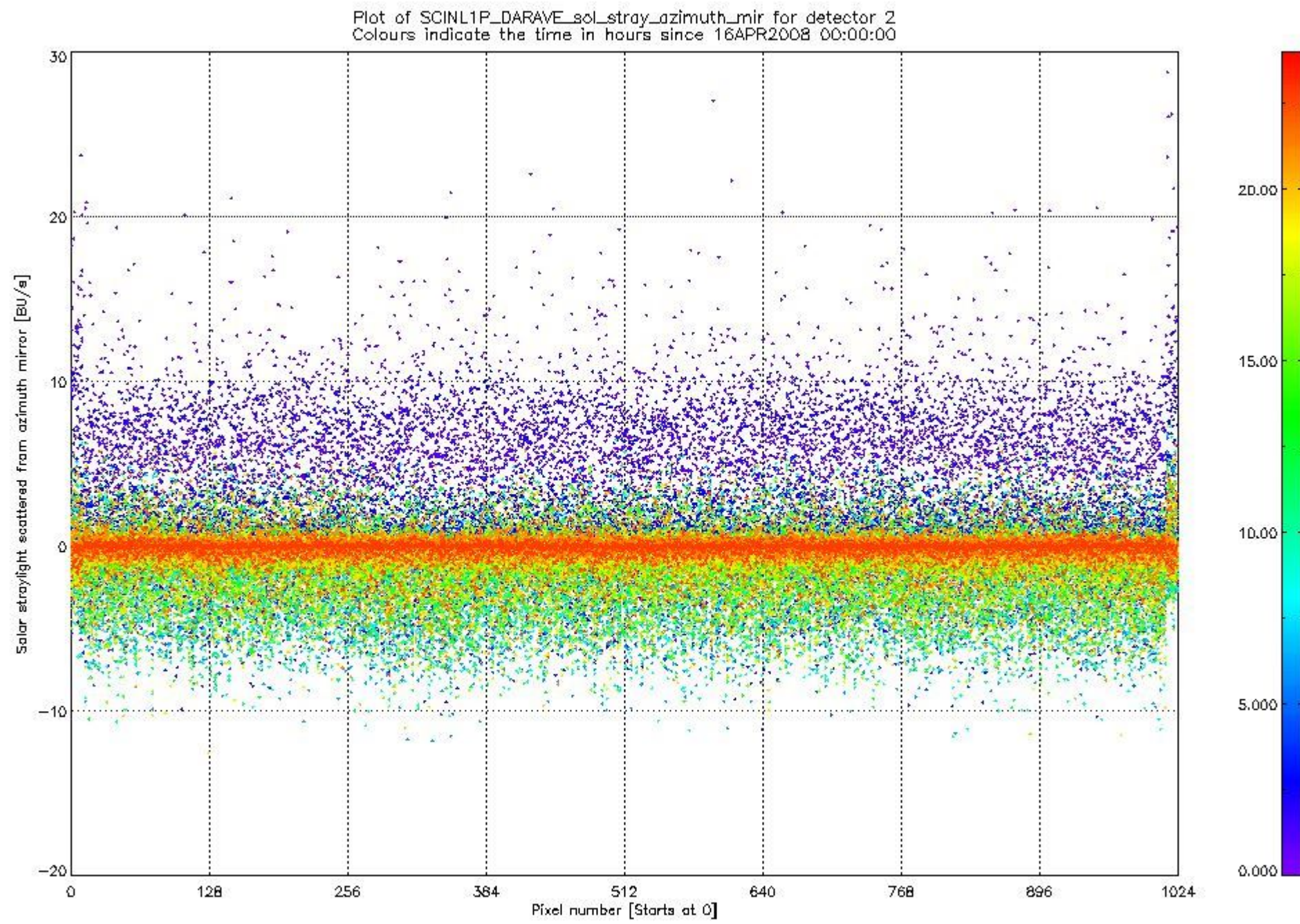
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_8.PNG



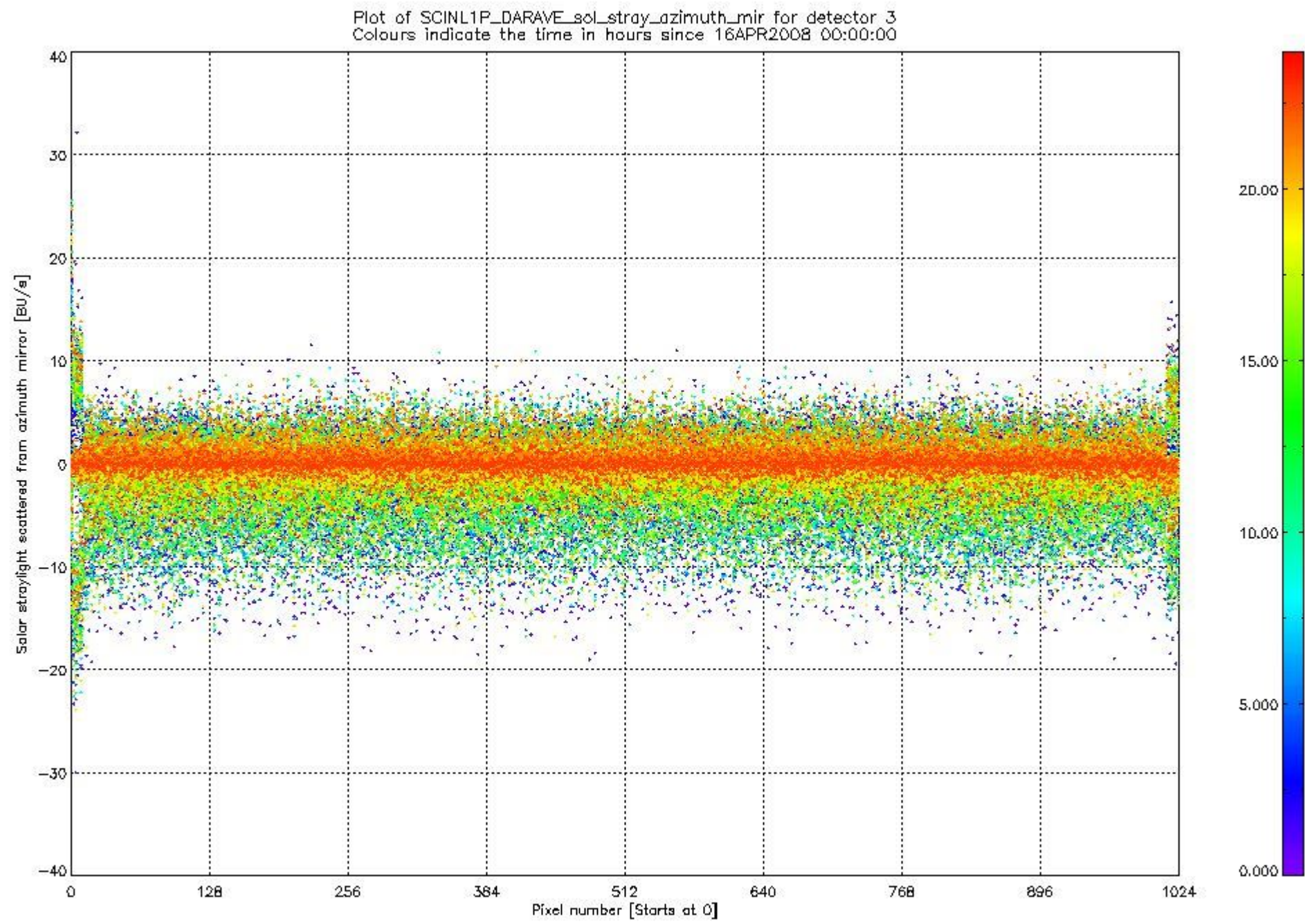
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_9.PNG



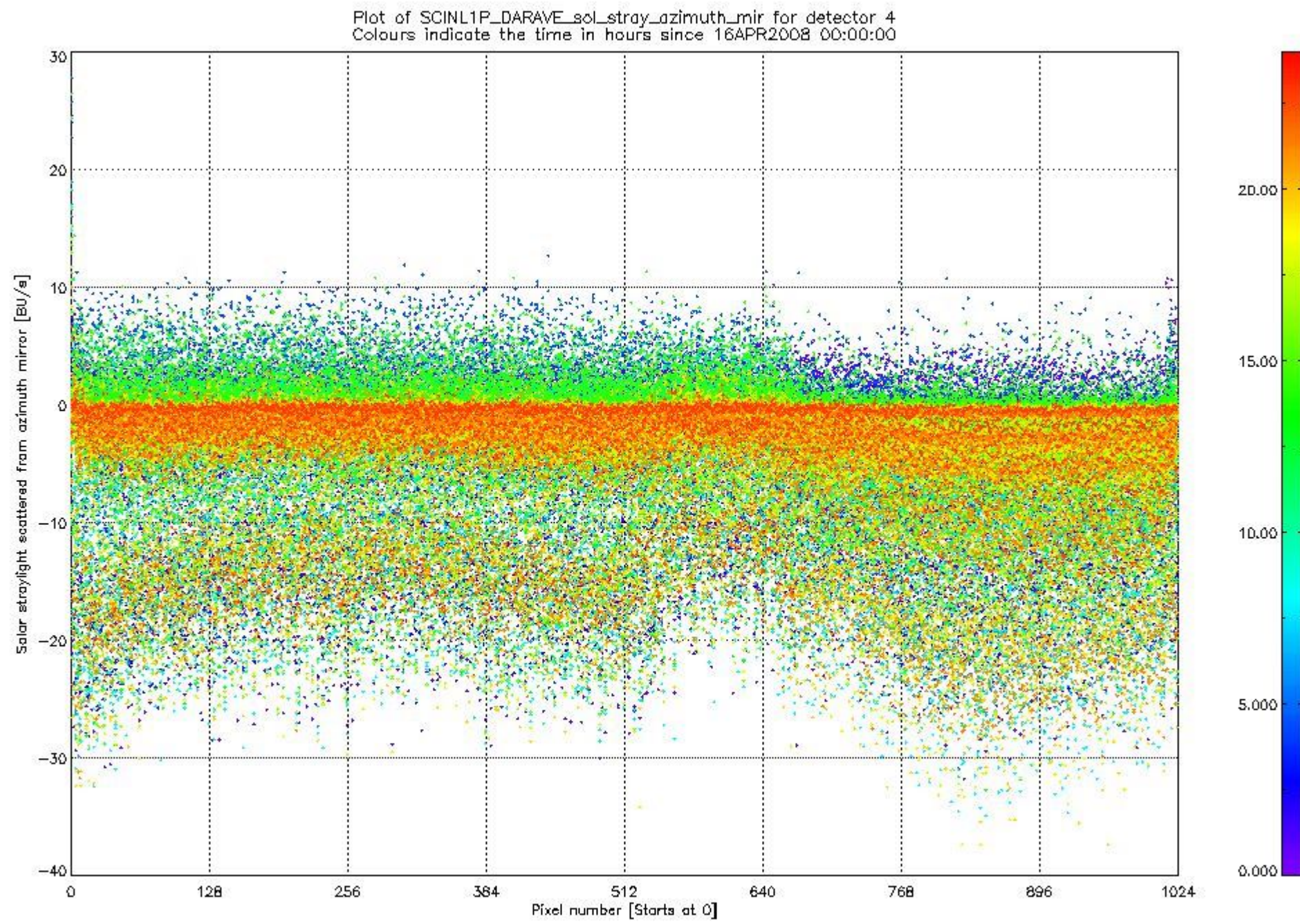
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_10.PNG



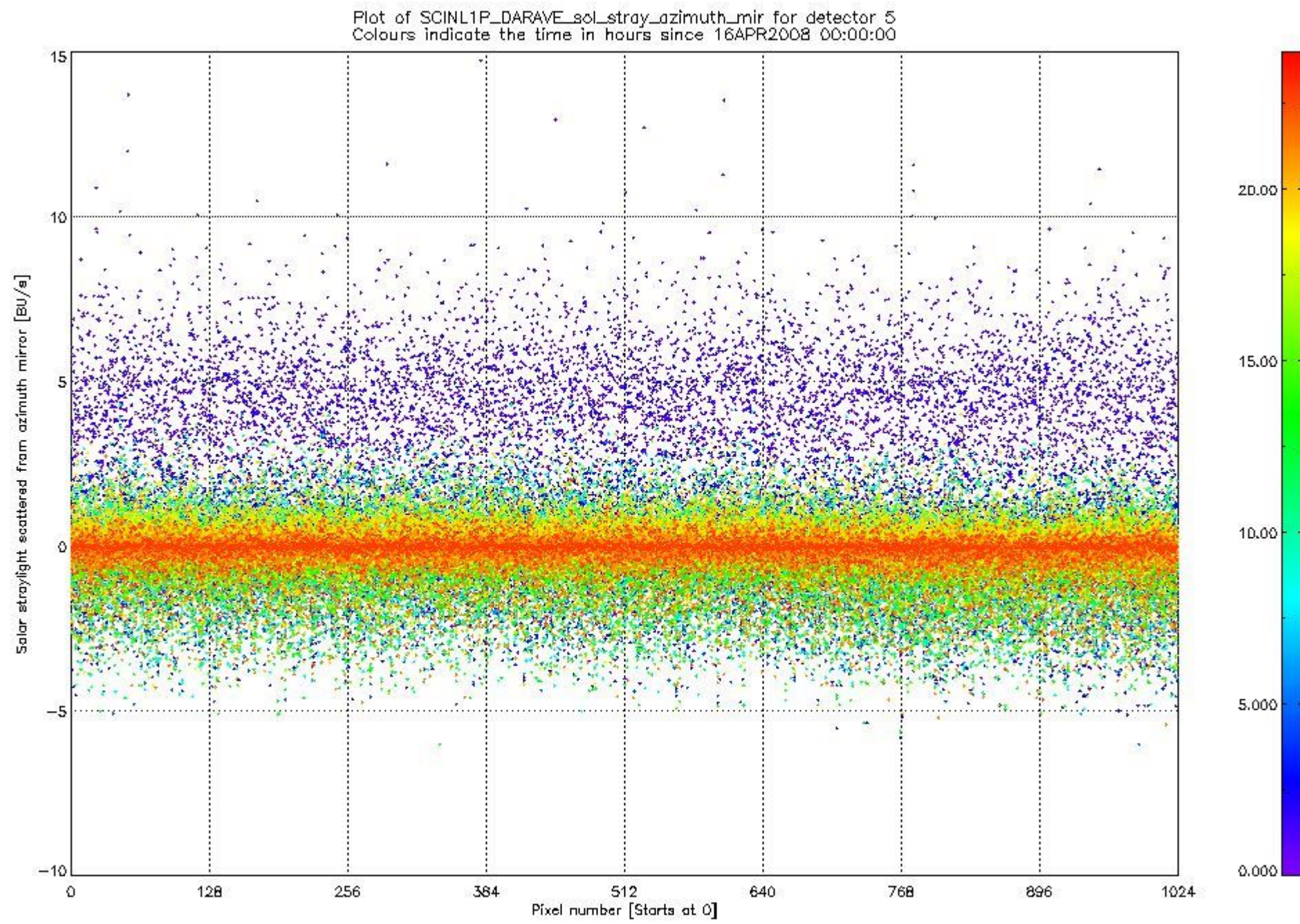
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_11.PNG



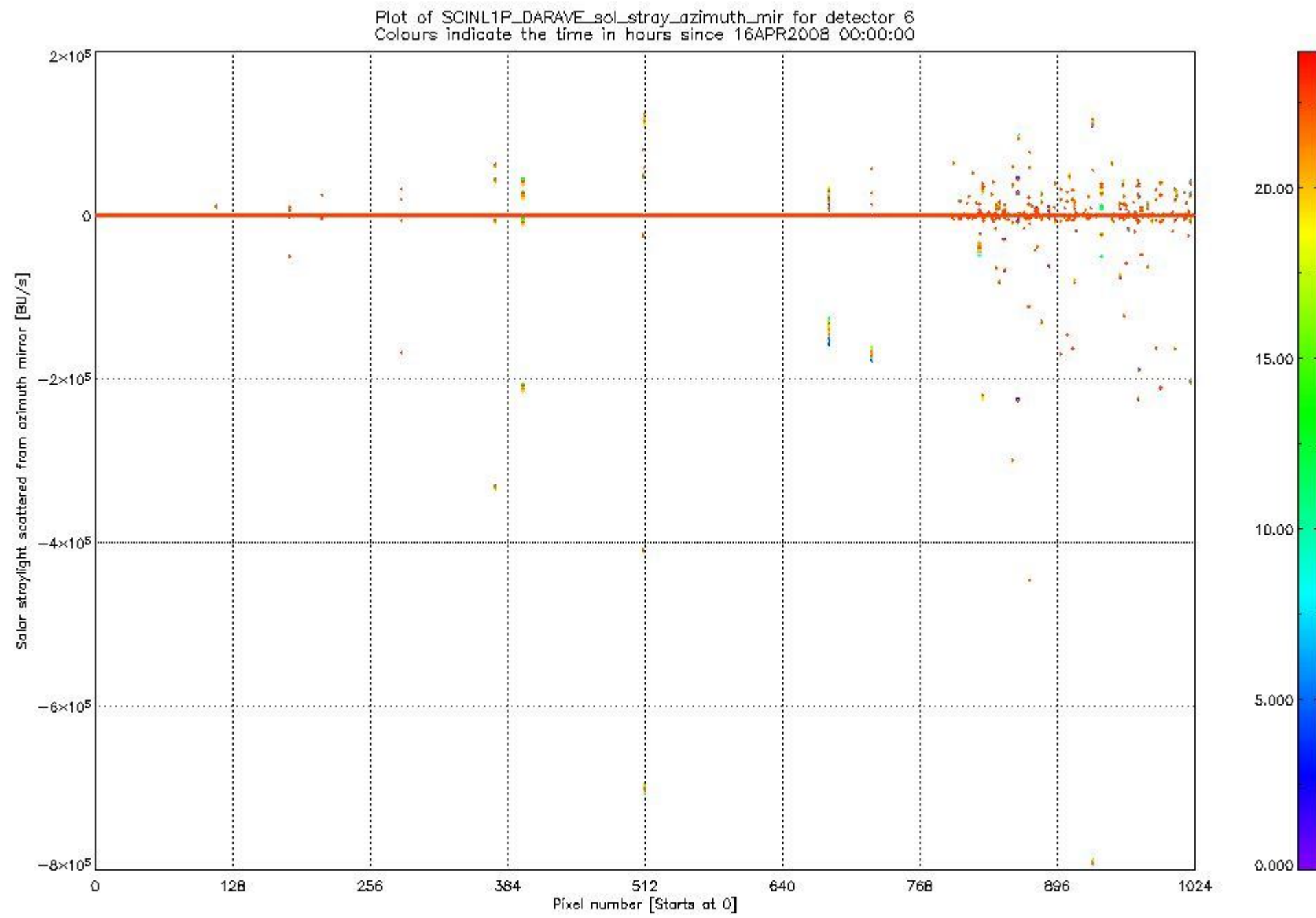
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_12.PNG



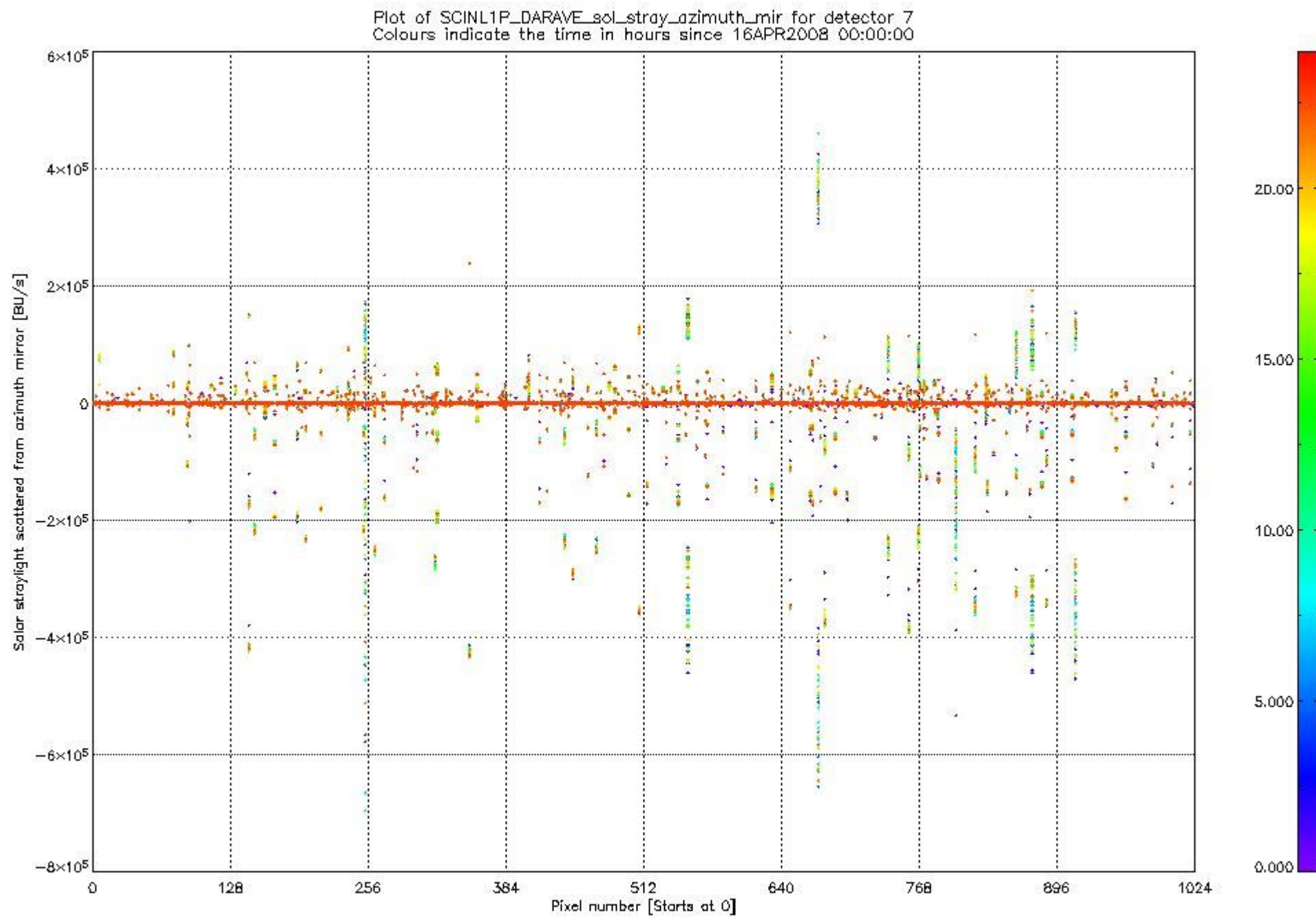
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_13.PNG



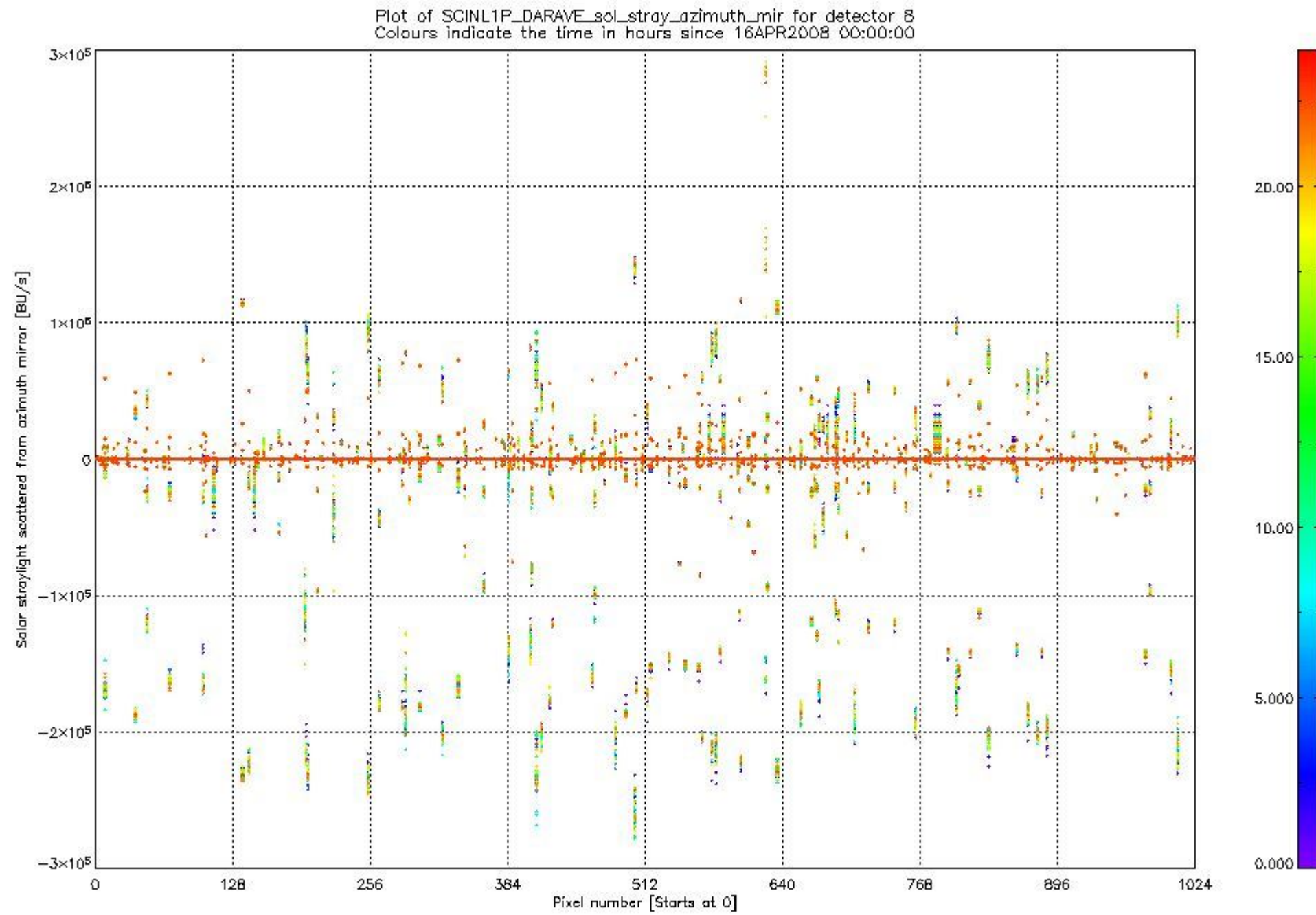
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_14.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080416_15.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080416_16.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080416_17.PNG

1.2.2 New leakage current parameters

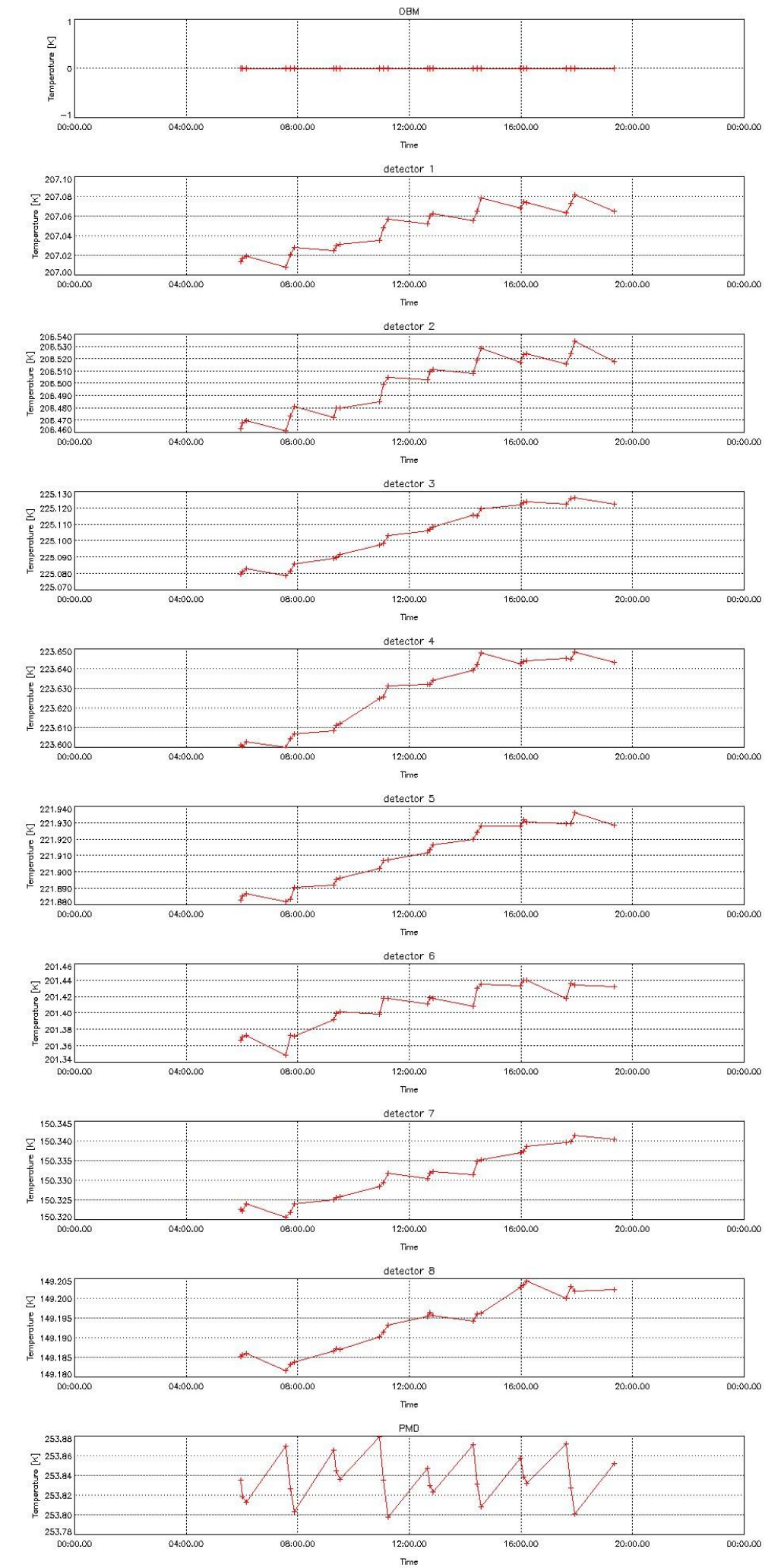
This section lists properties of the new leakage current data within the processing scope.

The following table shows the new leakage measurement data characteristics.

#	dsr_time	attach	orb_phase
0	16APR2008 05:58:00	1	0.187800
1	16APR2008 06:01:28	1	0.251000
2	16APR2008 06:09:17	1	0.285667
3	16APR2008 07:34:19	1	0.138600
4	16APR2008 07:43:39	1	0.231400
5	16APR2008 07:52:16	1	0.316800
6	16APR2008 09:17:07	1	0.174222
7	16APR2008 09:22:39	1	0.251000
8	16APR2008 09:30:28	1	0.285667
9	16APR2008 10:55:30	1	0.138600

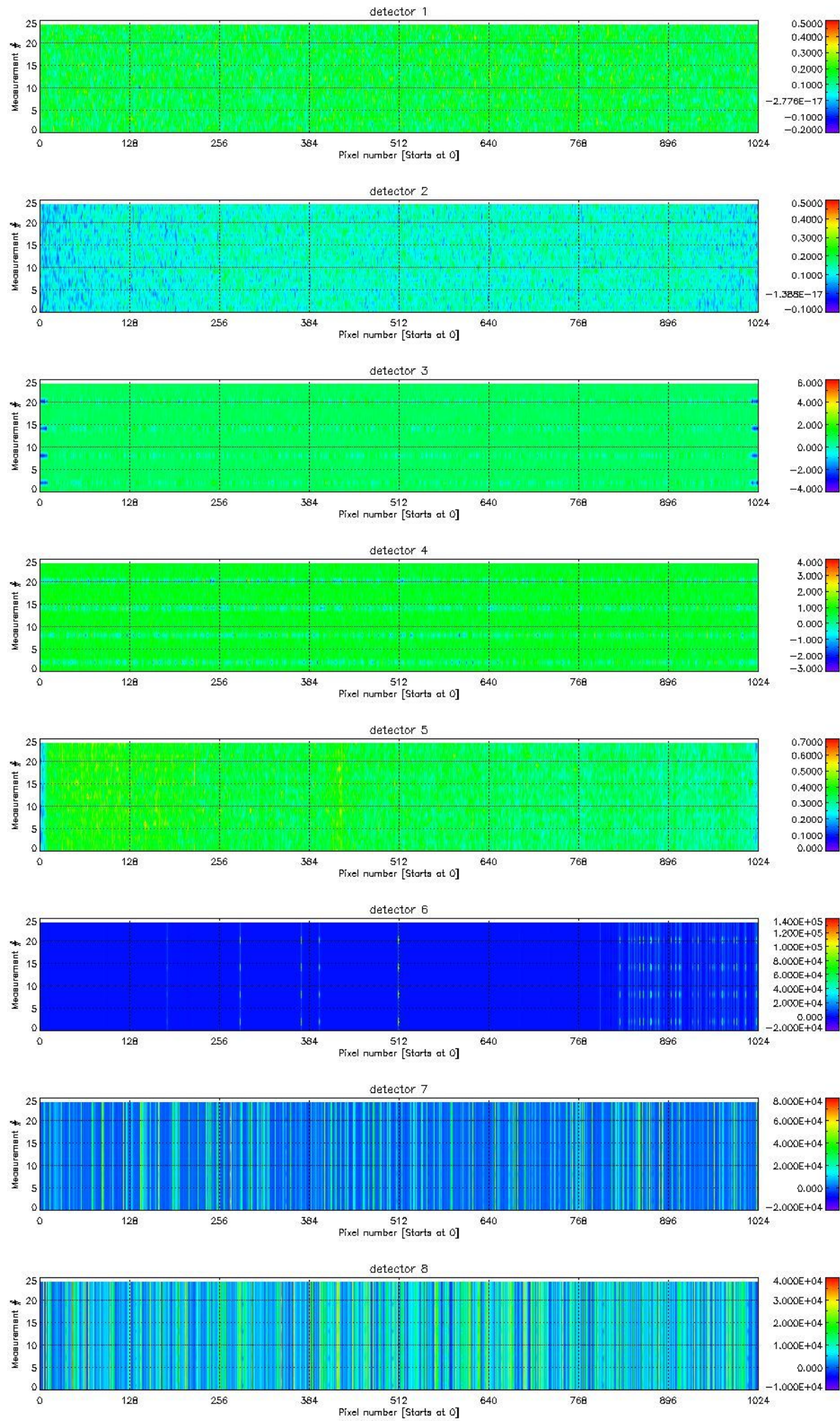
10	16APR2008 11:04:50	1	0.231400
11	16APR2008 11:13:26	1	0.316800
12	16APR2008 12:38:17	1	0.174222
13	16APR2008 12:43:49	1	0.251000
14	16APR2008 12:51:38	1	0.285333
15	16APR2008 14:16:41	1	0.138600
16	16APR2008 14:26:01	1	0.231400
17	16APR2008 14:34:37	1	0.316800
18	16APR2008 15:59:28	1	0.174222
19	16APR2008 16:05:00	1	0.251000
20	16APR2008 16:12:49	1	0.285667
21	16APR2008 17:37:52	1	0.138400
22	16APR2008 17:47:12	1	0.231200
23	16APR2008 17:55:48	1	0.316800
24	16APR2008 19:20:39	1	0.174222

Plots of SCINL1P_NEWLEA_obm_detL_prmd temperatures vs time on 16APR2008.



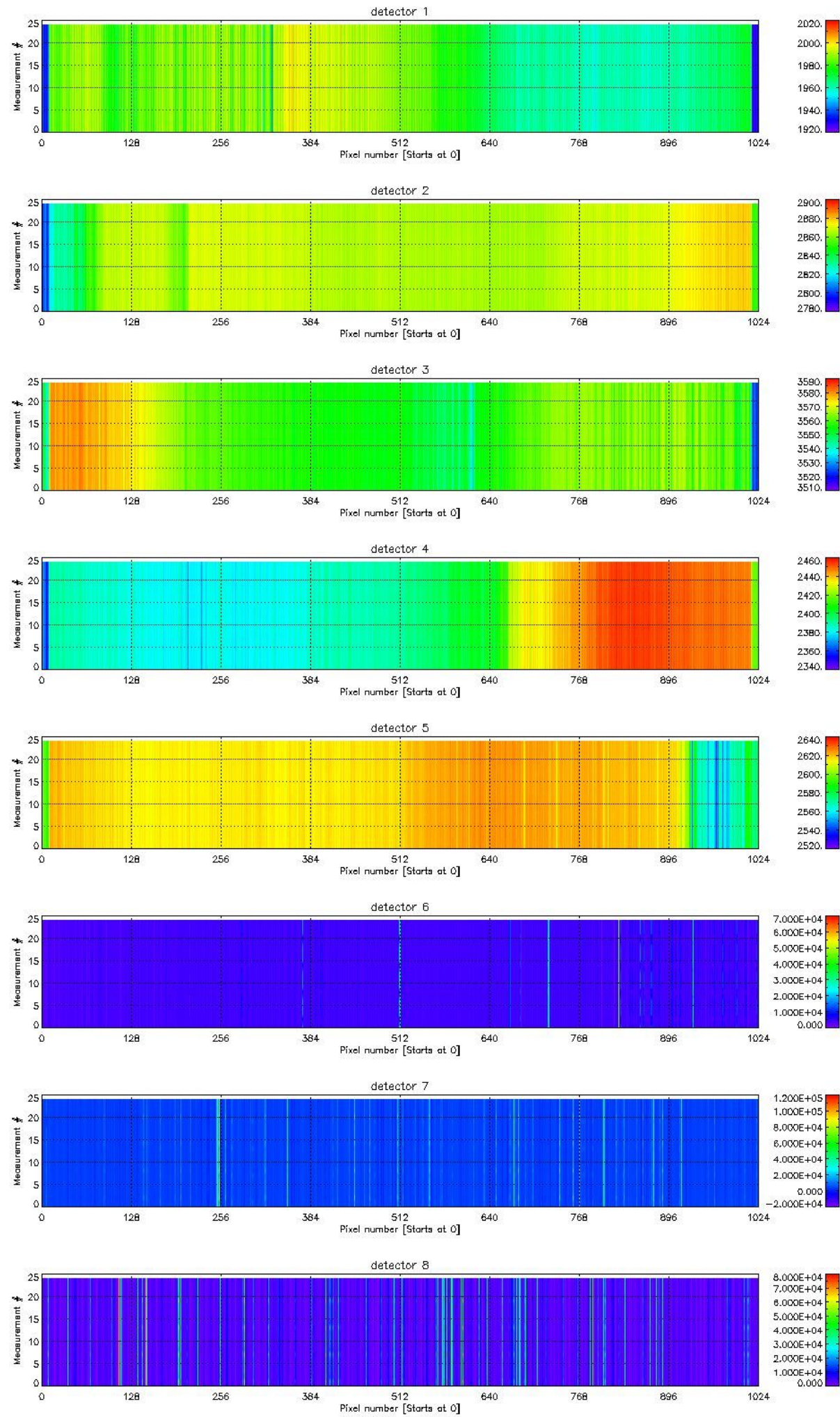
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_18.PNG

Plots of SCINLP_NEWLEA_leak_cur for various detectors on 16APR2008.
Colours indicate the value in BU/s.



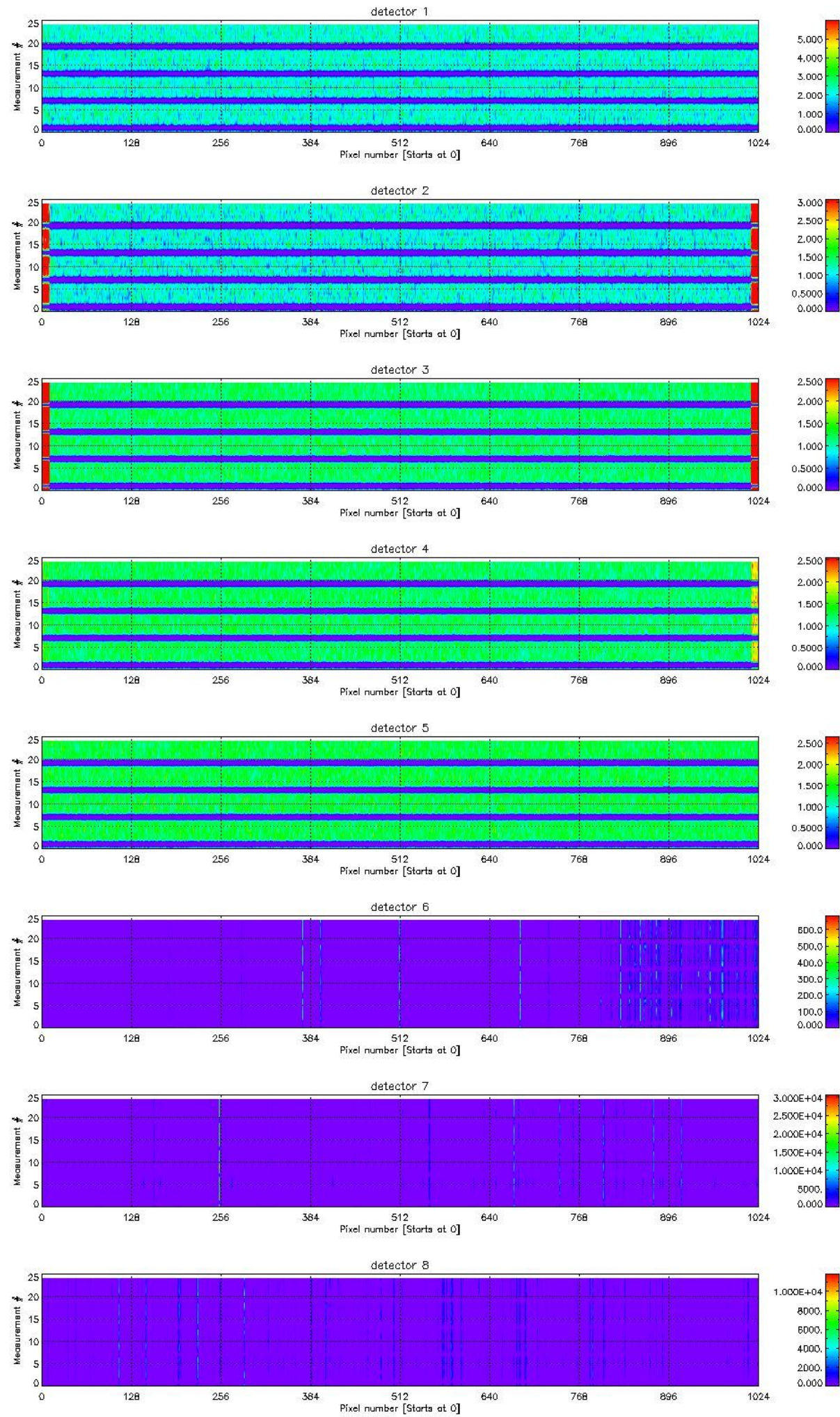
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_19.PNG

Plots of SCINLP_NEWLEA_fpn for various detectors on 16APR2008.
Colours indicate the value in BU.



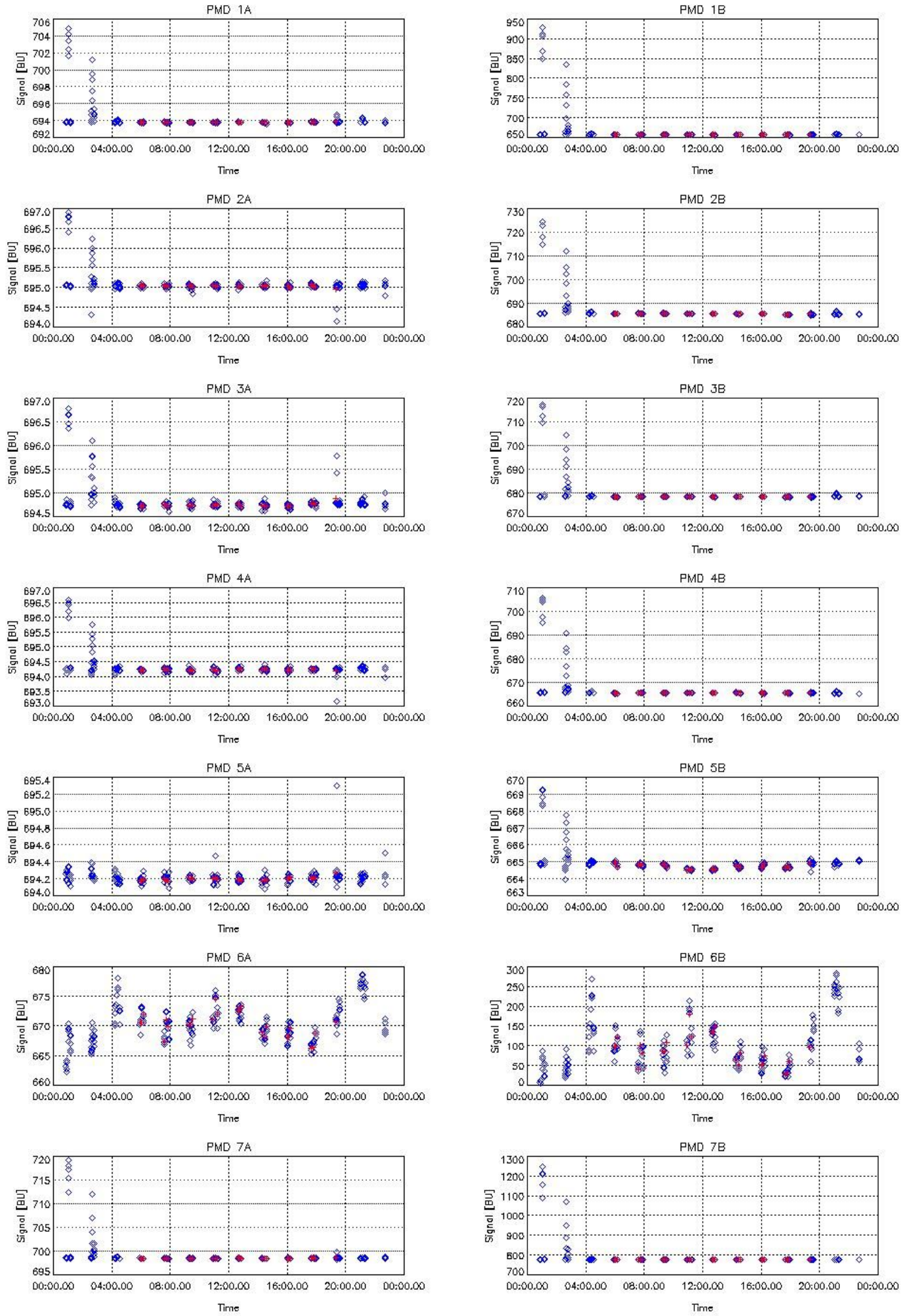
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_20.PNG

Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 16APR2008.
Colours indicate the value in BU.



sciamachy_daily_report_level1_SCIA_6_03_N_20080416_21.PNG

Plots of SCINL1P_NEWLEA_pmd_off vs time on 16APR2008 (red).
Dark average pmd data is given in blue for comparison.



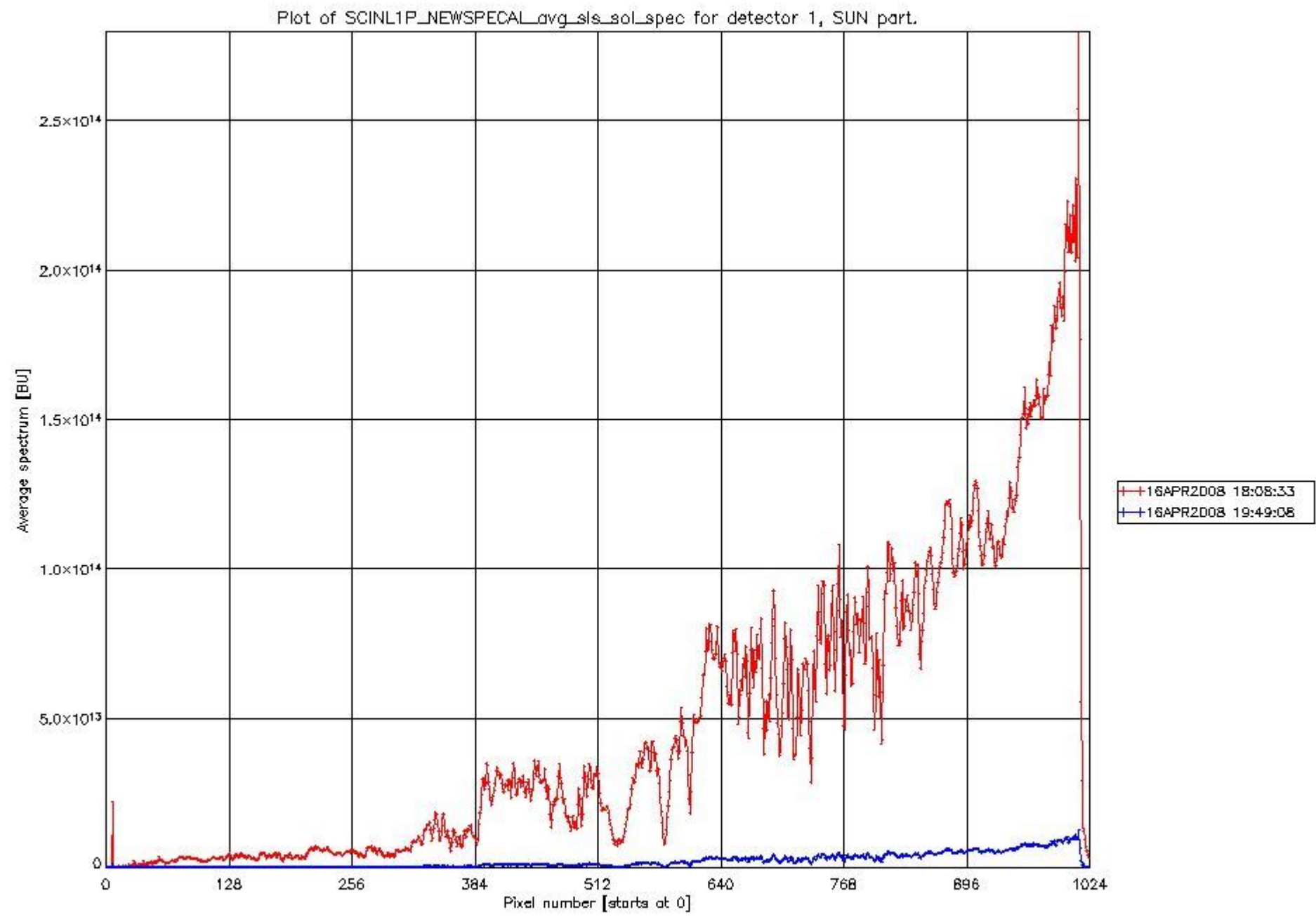
1.2.3 Spectral calibration parameters

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

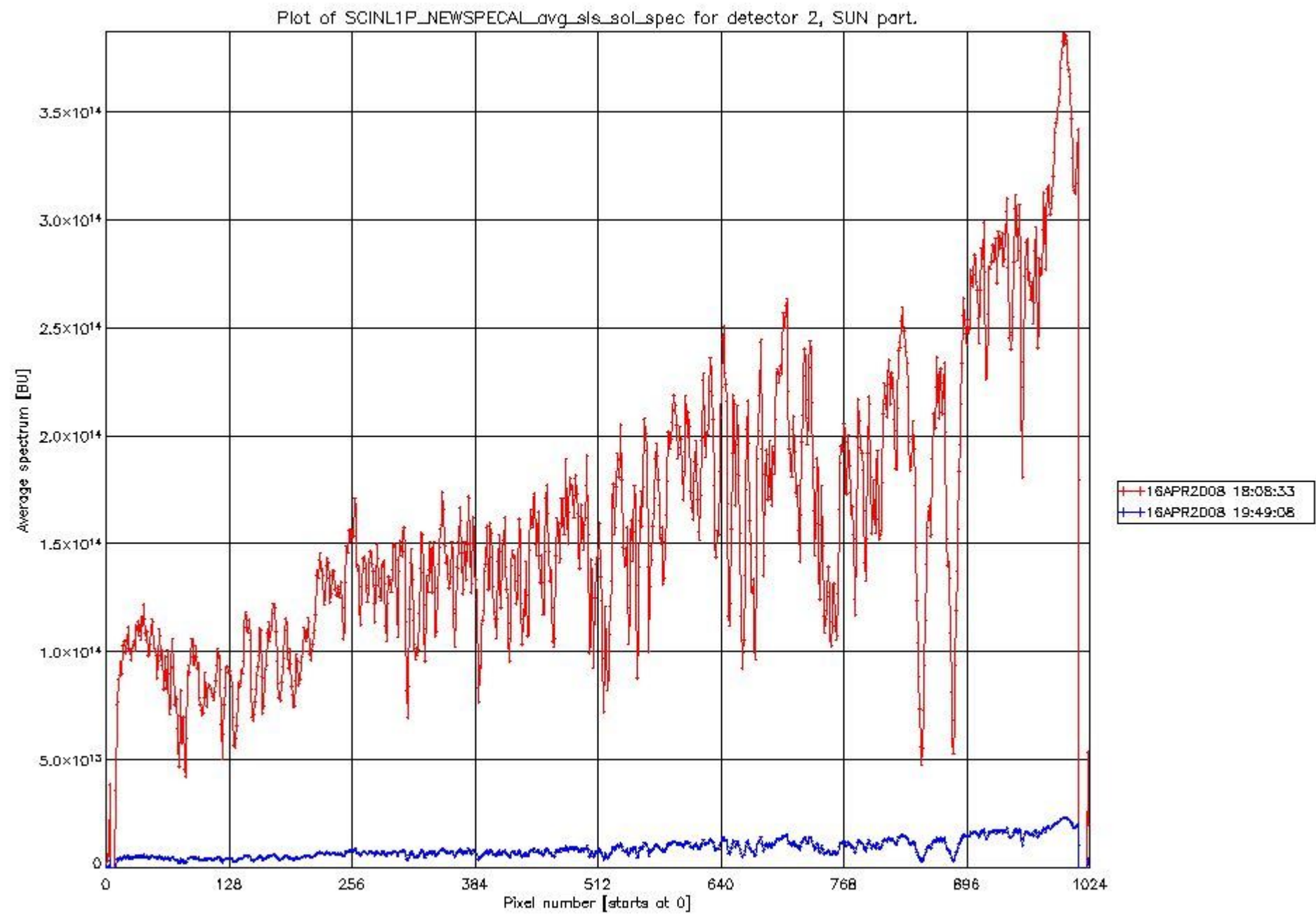
The following table lists general properties of the spectral calibration.

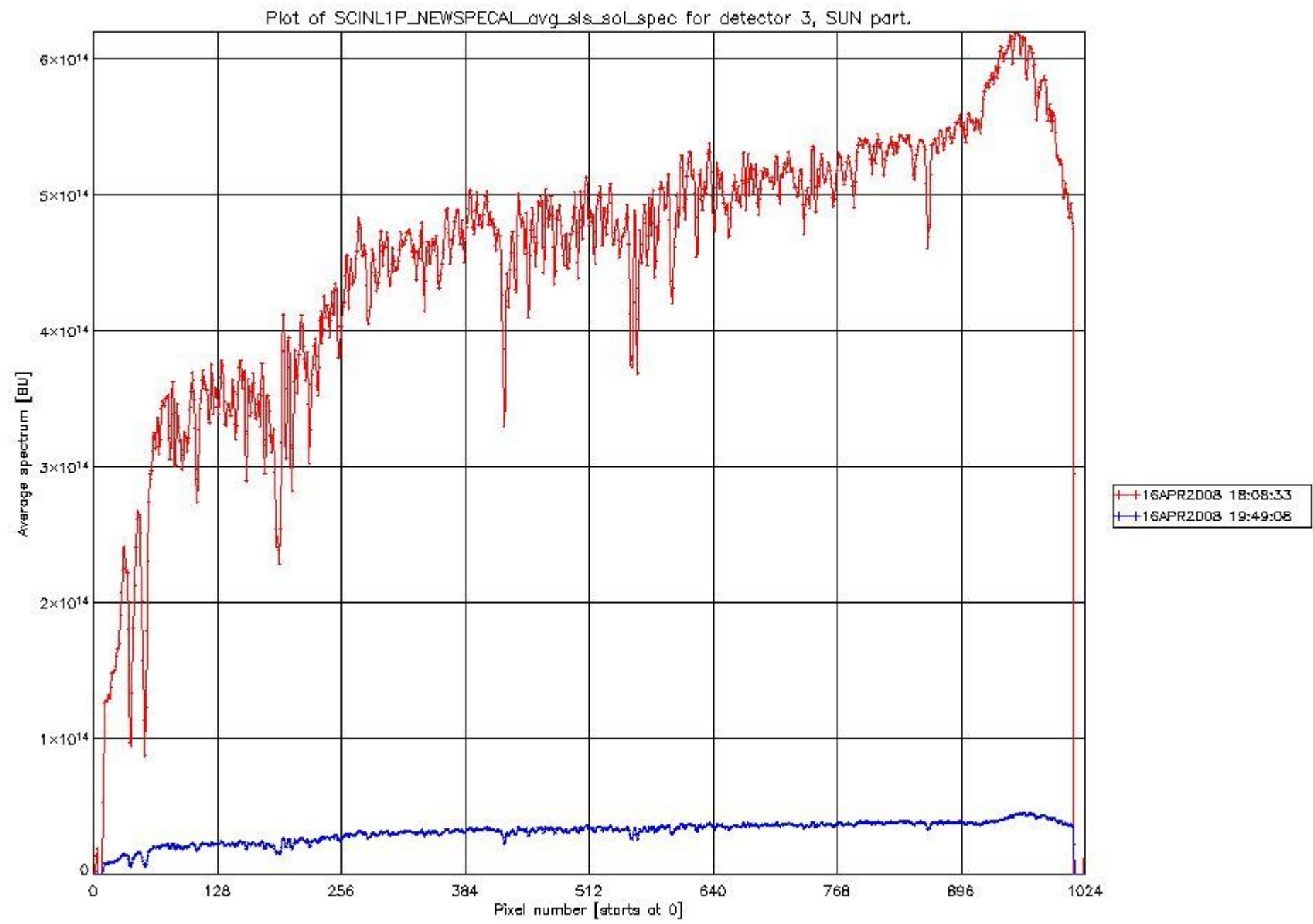
#	dsr_time	attach	orb_phase	source	#lines	cal_error [nm]	coeff[0]	coeff[1]	coeff[2]	coeff[3]	coeff[4]
0	16APR2008 18:08:33	0	0.432000	SUN	3	0.00112819	0.046885140	-5.4882952e-05	2.0397431e-08	0.0000000	0.0000000
				SUN	2	0.00403506	0.026106030	-0.00011899244	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00128759	-0.13701978	-5.0426894e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00314555	-0.18685921	-9.9948855e-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	16APR2008 19:49:08	0	0.432000	SUN	3	0.000984550	0.044266038	-4.5708253e-05	1.7100284e-08	0.0000000	0.0000000
				SUN	2	0.00380878	0.026316747	-0.00011230719	0.0000000	0.0000000	0.0000000
				SUN	2	0.00320287	-0.058051948	-0.00012454618	0.0000000	0.0000000	0.0000000
				SUN	2	0.00198926	-0.26409128	9.3844537e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00332667	-0.20042036	-0.00010570812	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.

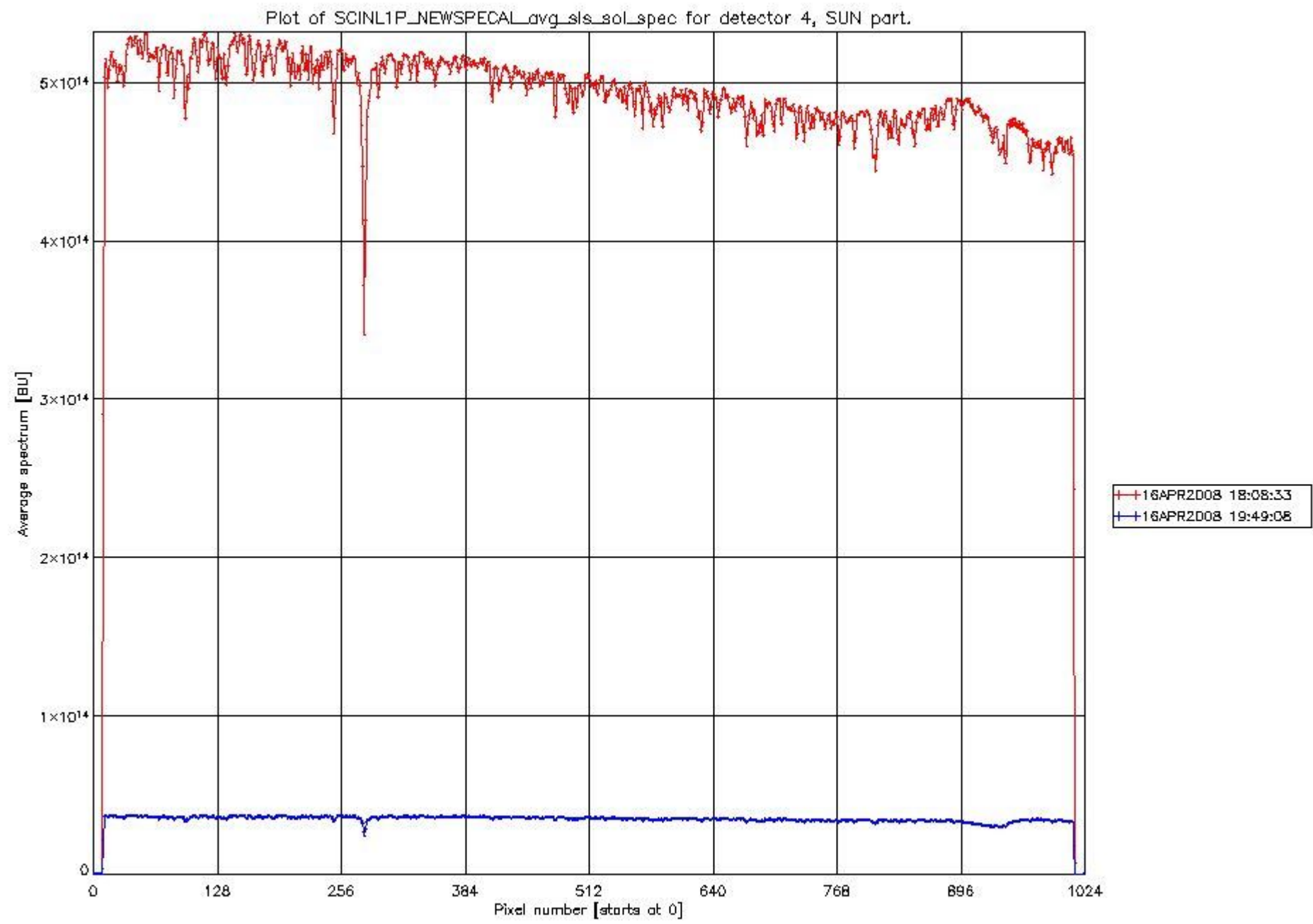


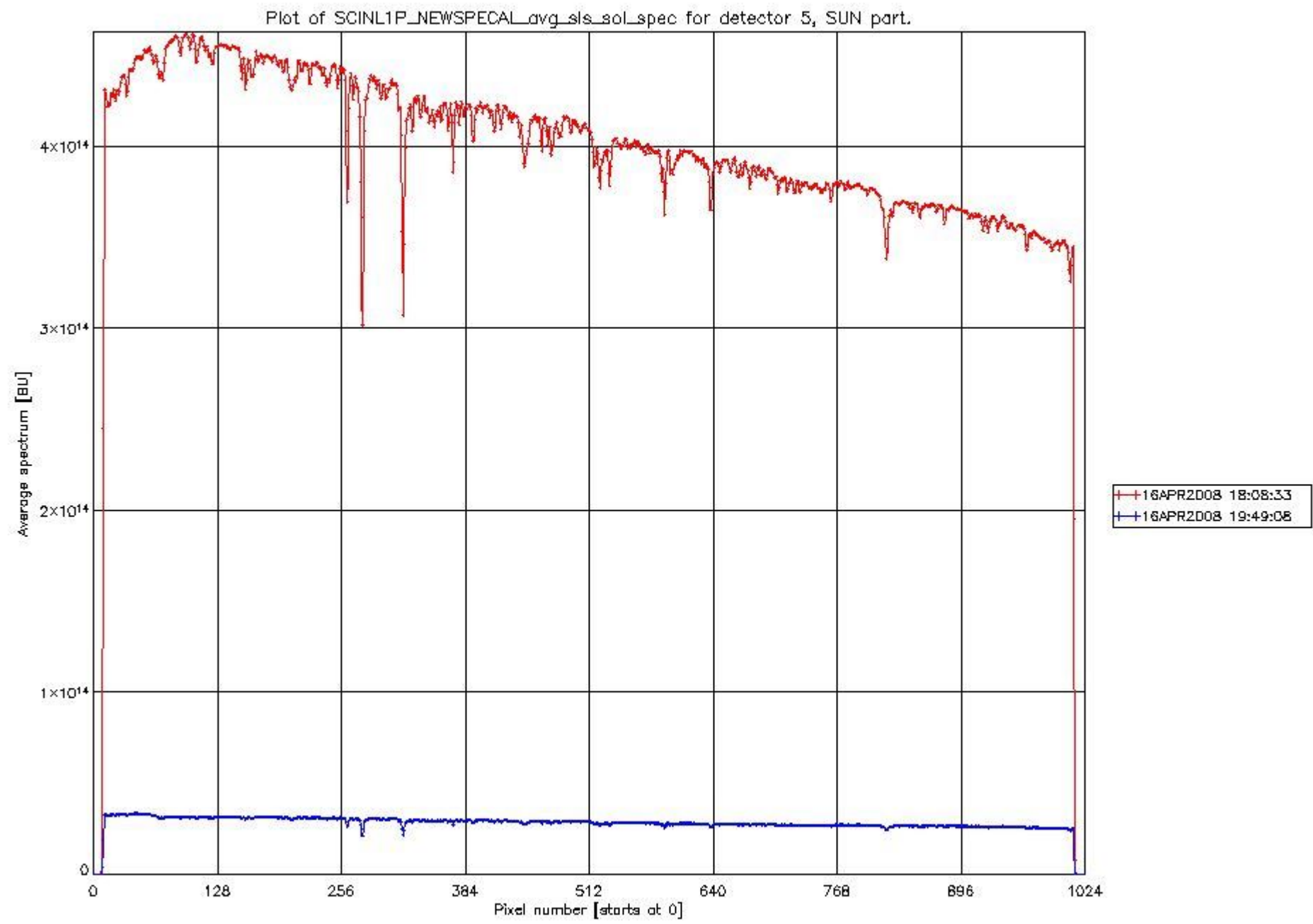
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_23.PNG

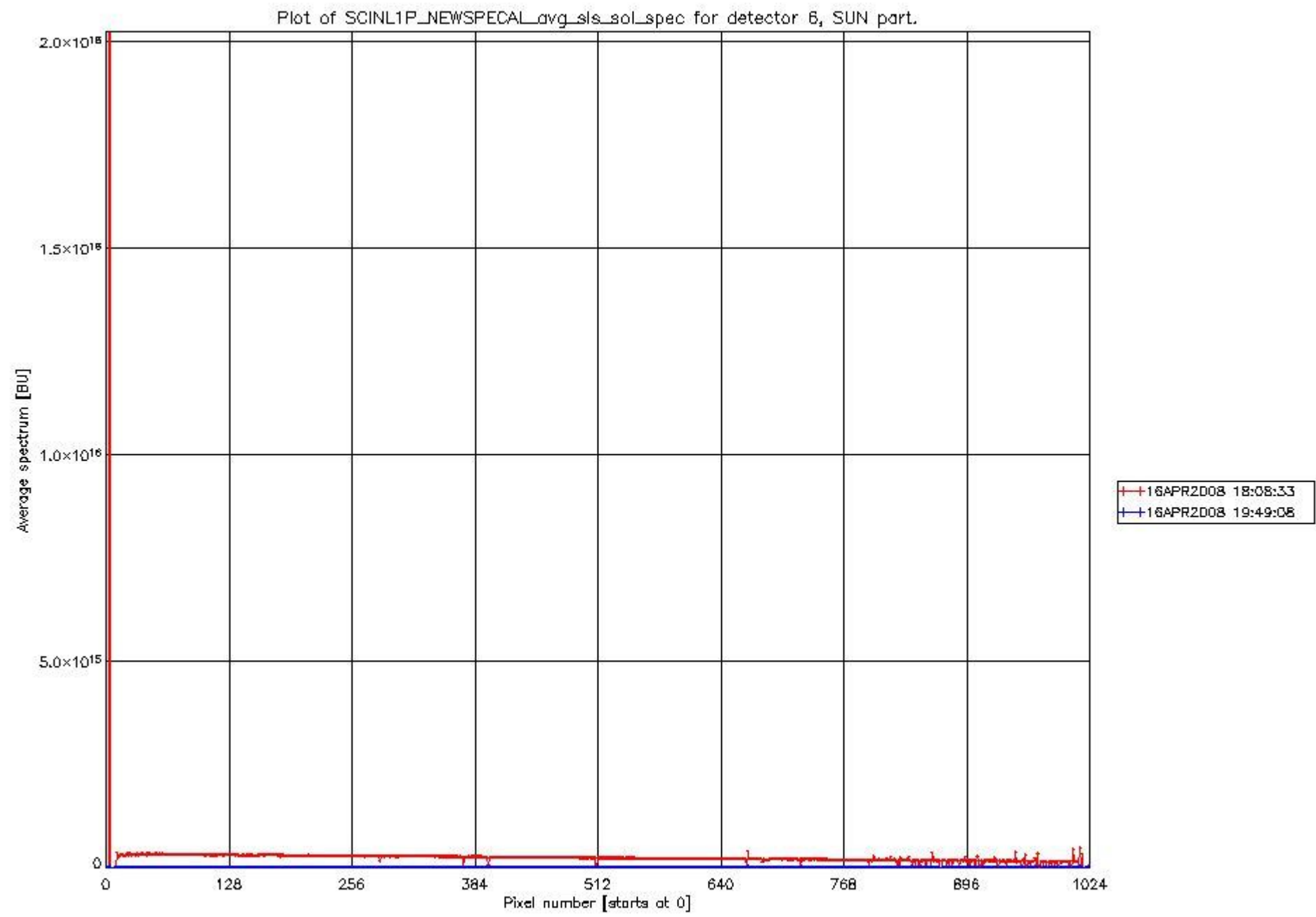


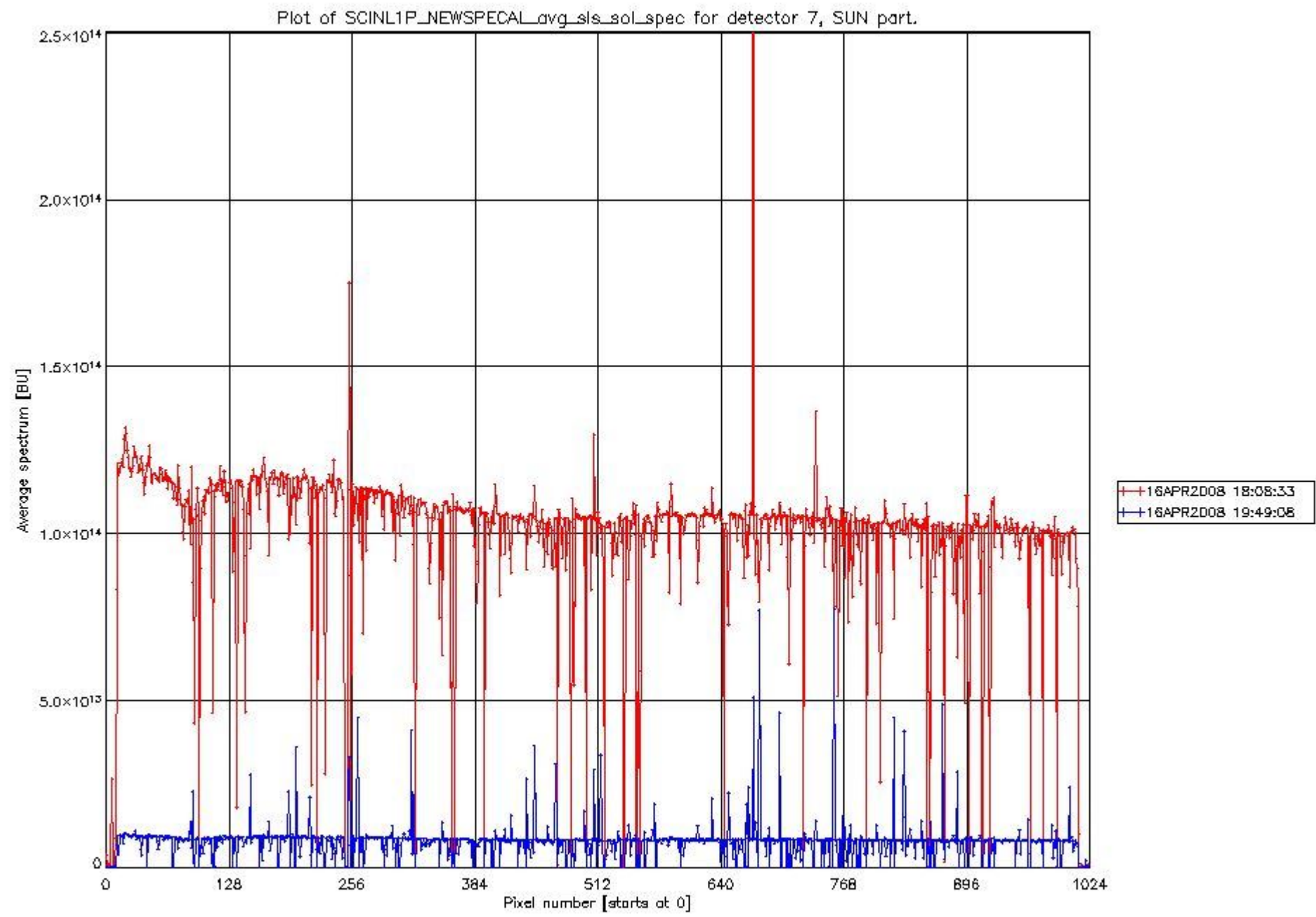


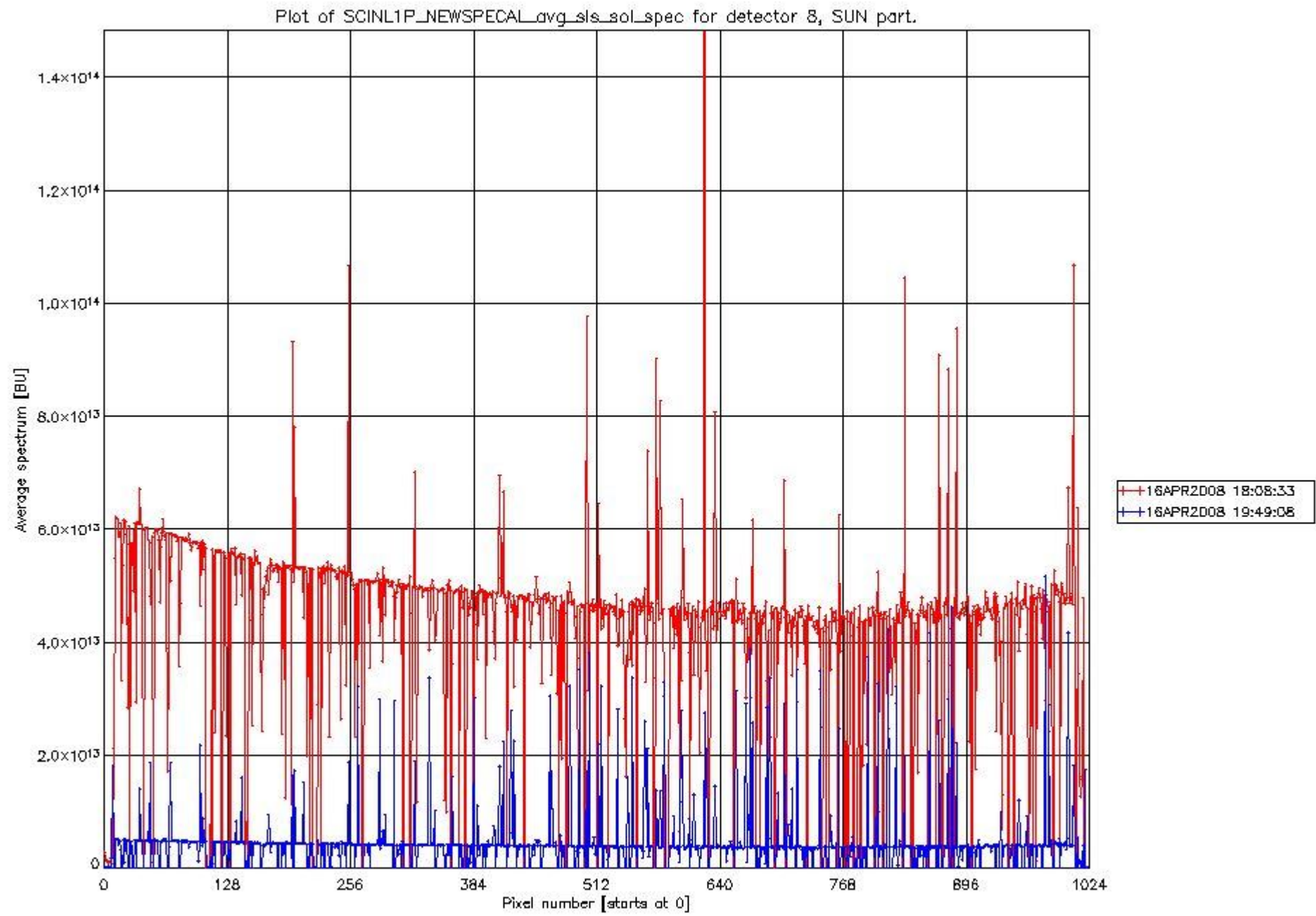
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_25.PNG











sciamachy_daily_report_level1_SCIA_6_03_N_20080416_30.PNG

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

1.2.4 New sun reference spectrum parameters

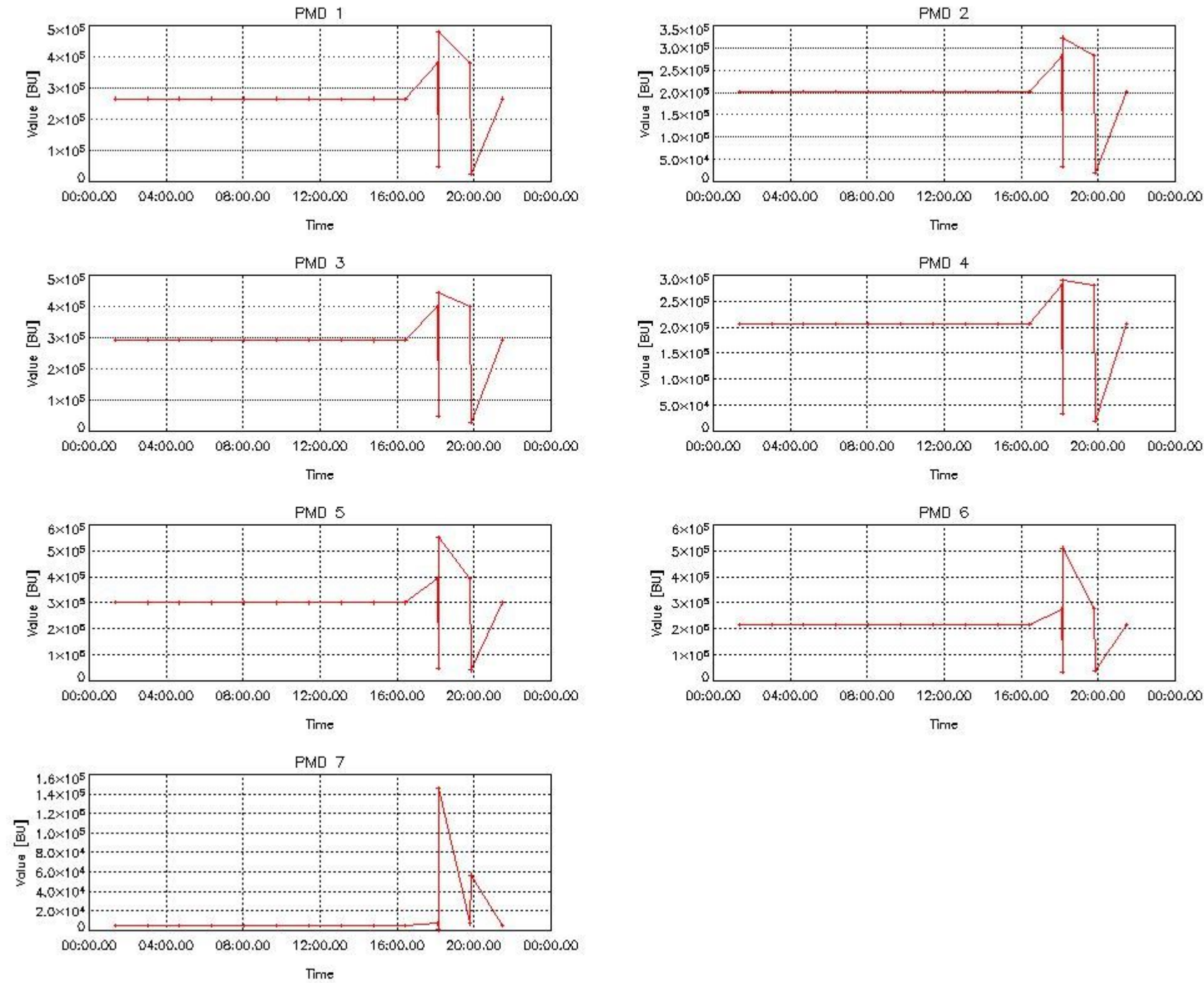
This section lists properties of the new sun reference spectrum data within the processing scope.

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	16APR2008 01:20:41	0	O 1	1	-31.2305	-11.7473	0.00000	0.0102387
		0	U 1	1	-31.2305	-11.7473	0.00000	0.0102387
1	16APR2008 03:01:16	0	O 1	1	-31.2367	-11.7471	0.00000	0.0102399
		0	U 1	1	-31.2367	-11.7471	0.00000	0.0102399
2	16APR2008 04:41:52	0	O 1	1	-31.2435	-11.7460	0.00000	0.0102415
		0	U 1	1	-31.2435	-11.7460	0.00000	0.0102415

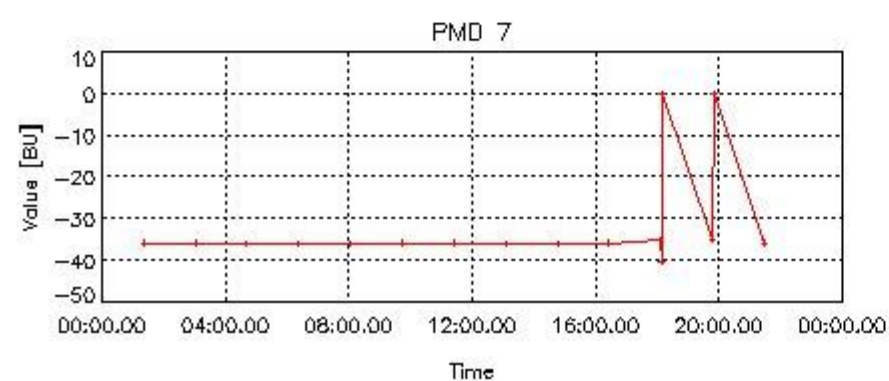
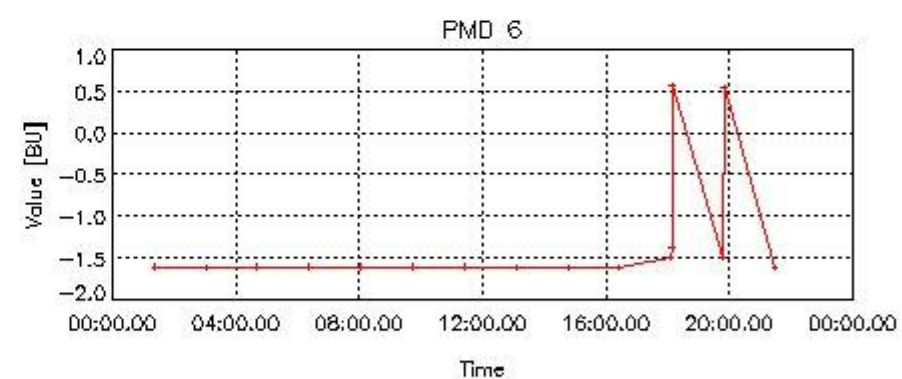
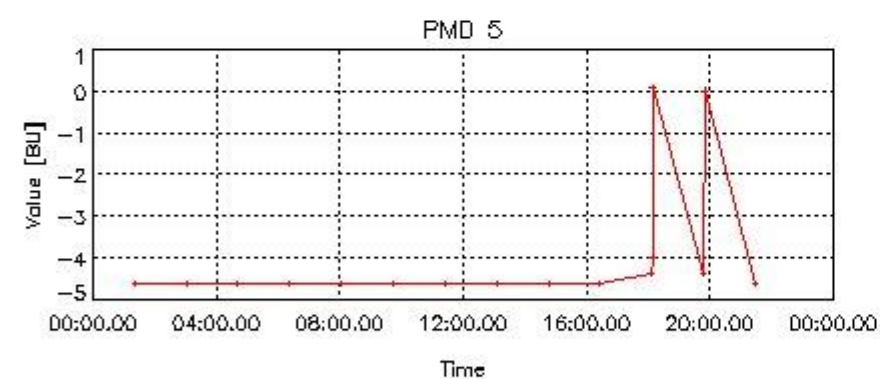
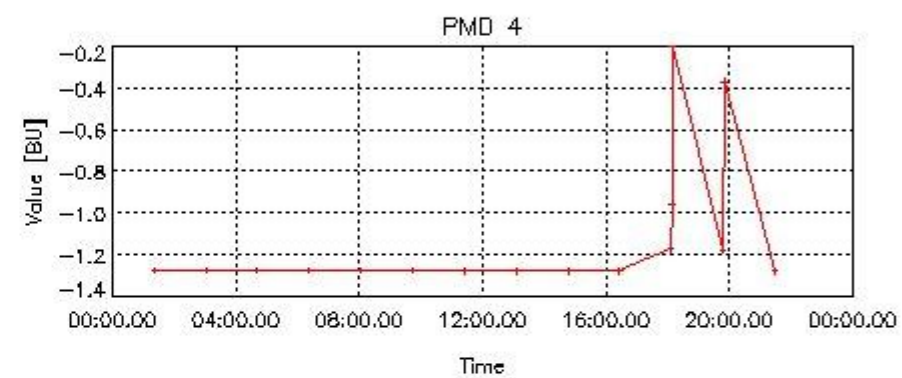
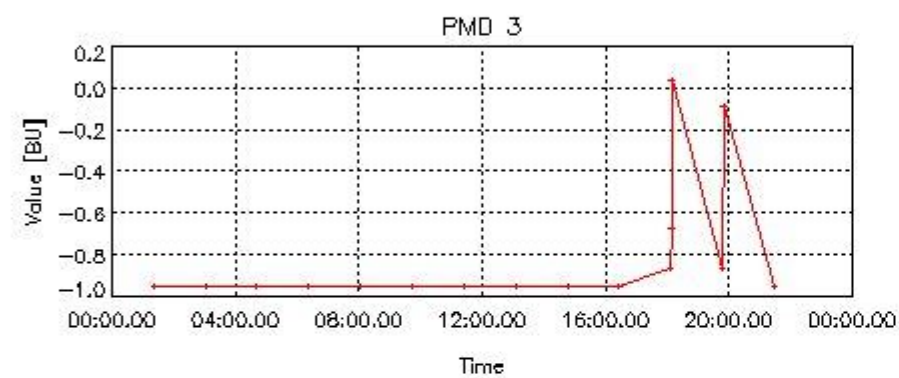
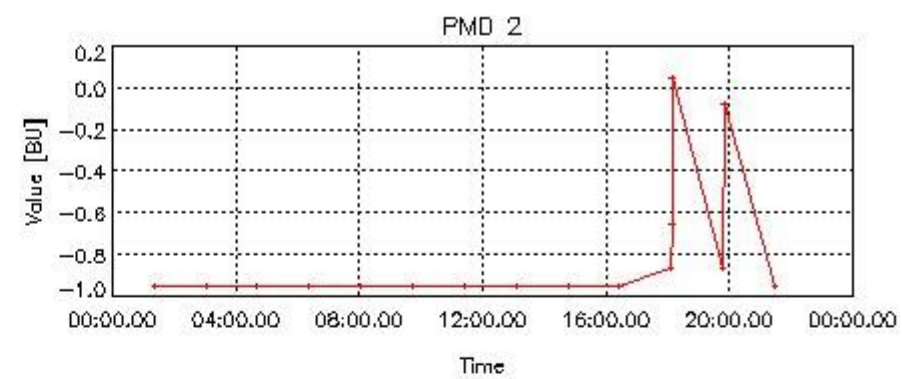
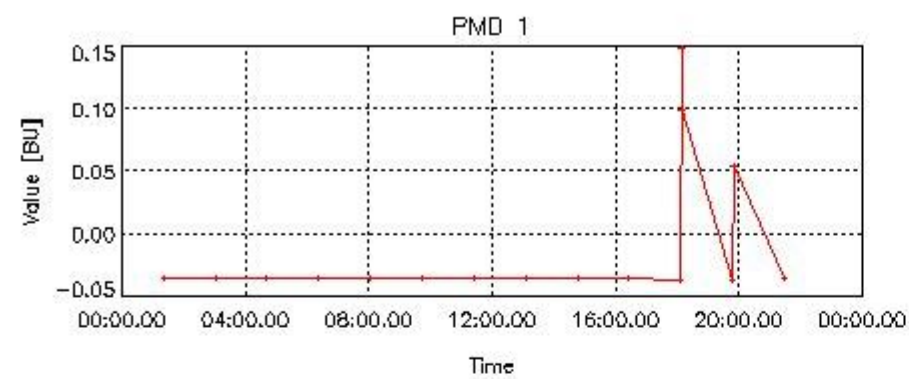
3	16APR2008 06:22:28	0 0	O U	1 1	-31.2497 -31.2497	-11.7449 -11.7449	0.00000 0.00000	0.0102430 0.0102430
4	16APR2008 08:03:03	0 0	O U	1 1	-31.2567 -31.2567	-11.7443 -11.7443	0.00000 0.00000	0.0102445 0.0102445
5	16APR2008 09:43:39	0 0	O U	1 1	-31.2625 -31.2625	-11.7459 -11.7459	0.00000 0.00000	0.0102453 0.0102453
6	16APR2008 11:24:14	0 0	O U	1 1	-31.2685 -31.2685	-11.7460 -11.7460	0.00000 0.00000	0.0102464 0.0102464
7	16APR2008 13:04:50	0 0	O U	1 1	-31.2748 -31.2748	-11.7464 -11.7464	0.00000 0.00000	0.0102474 0.0102474
8	16APR2008 14:45:25	0 0	O U	1 1	-31.2803 -31.2803	-11.7469 -11.7469	0.00000 0.00000	0.0102481 0.0102481
9	16APR2008 16:26:01	0 0	O U	1 1	-31.2868 -31.2868	-11.7474 -11.7474	0.00000 0.00000	0.0102491 0.0102491
10	16APR2008 18:06:36	0 0	O U	1 1	-31.1197 -31.1197	-12.5589 -12.5589	0.00000 0.00000	0.0100889 0.0100889
11	16APR2008 18:07:56	0 0	O U	1 1	-31.1726 -31.1726	-11.9294 -11.9294	0.00000 0.00000	0.0101991 0.0101991
12	16APR2008 18:08:33	0 0	D E	1 1	-31.4141 -31.4141	-15.0000 -15.0000	21.6900 21.6900	0.0104267 0.0104267
13	16APR2008 19:47:12	0 0	O U	1 1	-31.1276 -31.1276	-12.5571 -12.5571	0.00000 0.00000	0.0100909 0.0100909
14	16APR2008 19:49:08	0 0	D A	0 0	-3.99940 -3.99940	-11.2549 -11.2549	21.6896 21.6896	0.0104282 0.0104282
15	16APR2008 21:27:47	0 0	O U	1 1	-31.3084 -31.3084	-11.7452 -11.7452	0.00000 0.00000	0.0102539 0.0102539

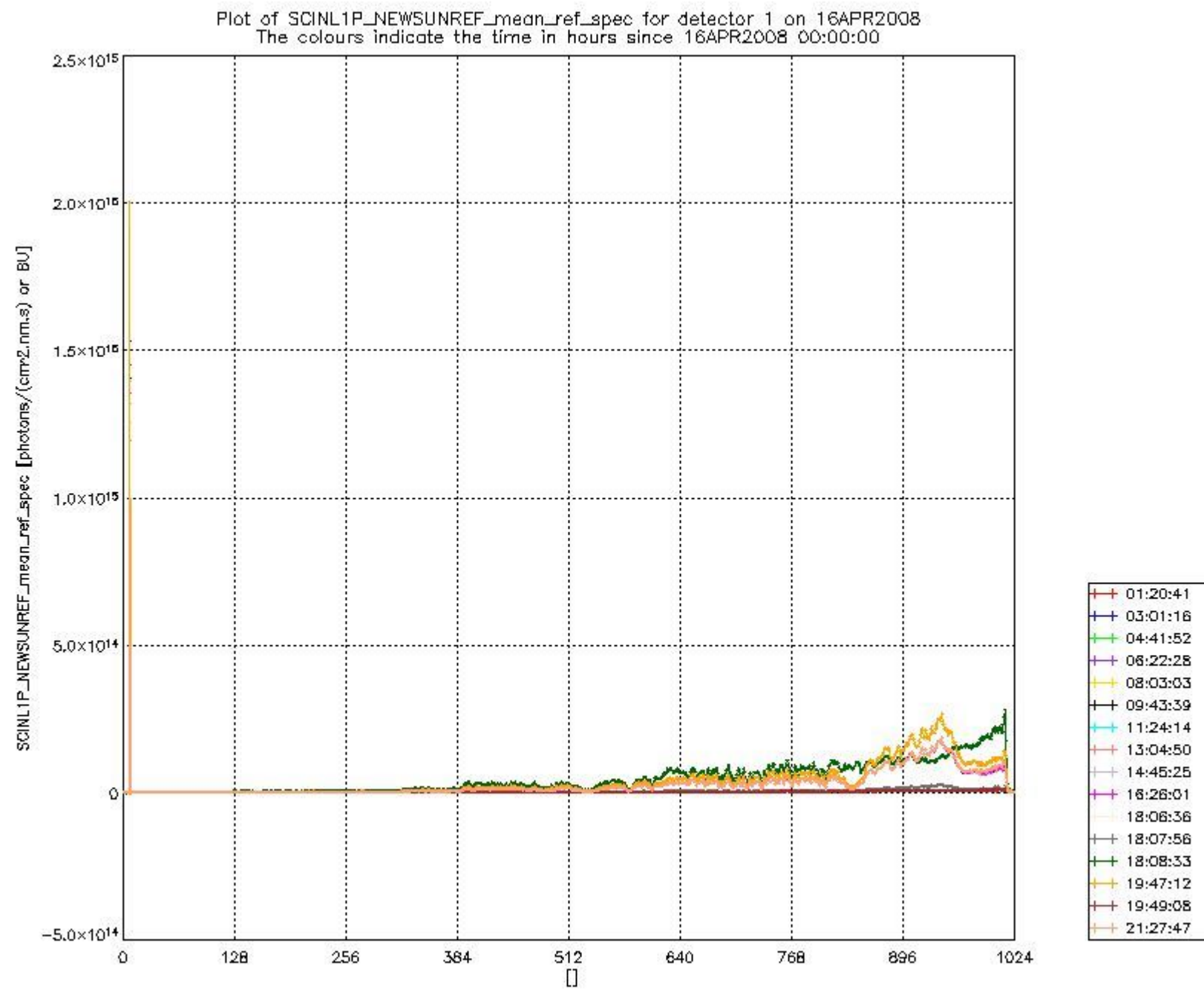
Plot of SCINL1P_NEWSUNREF_mean_pmd versus time

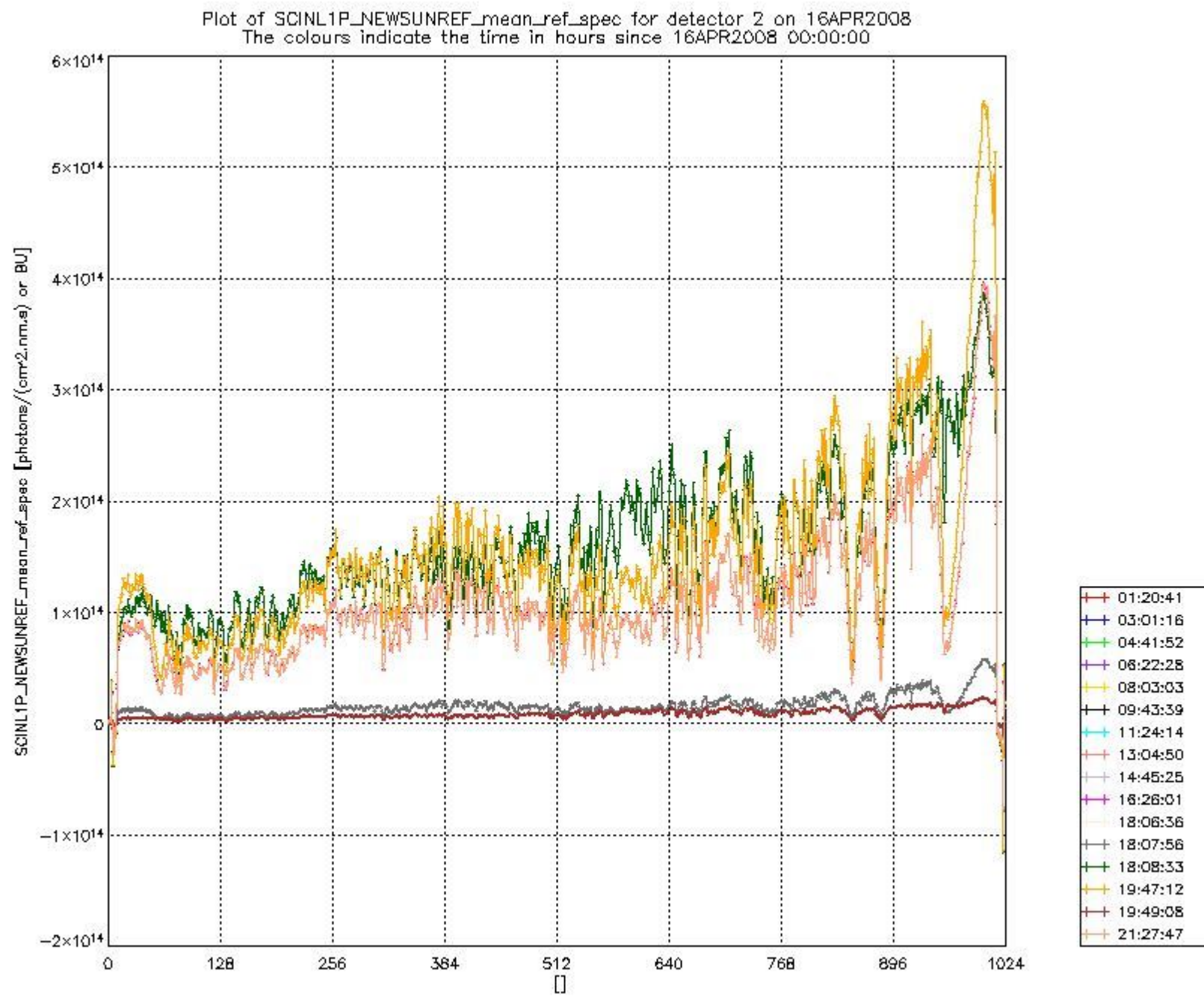


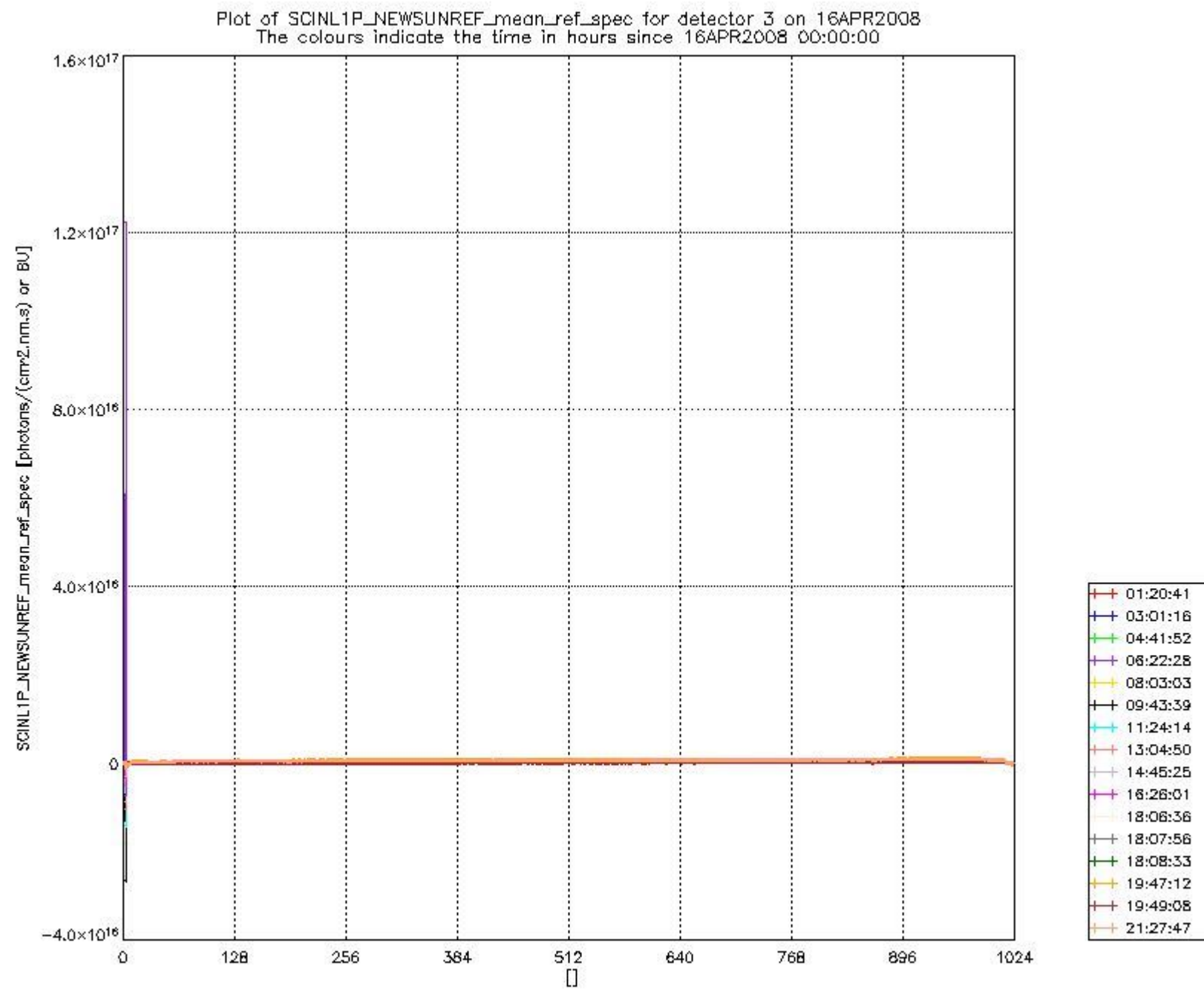
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_31.PNG

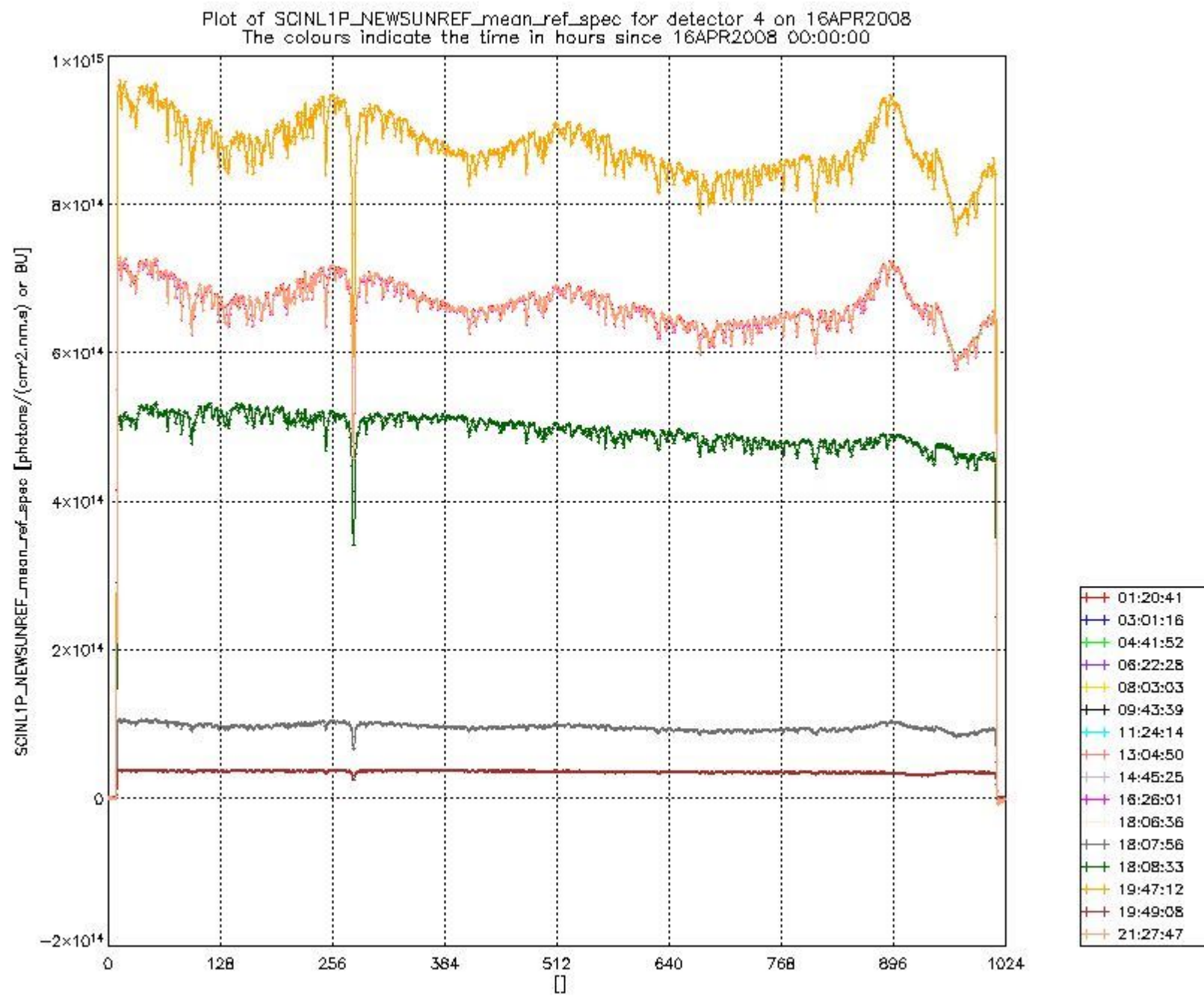
Plot of SCINL1P_NEWSUNREF_pmd_out versus time

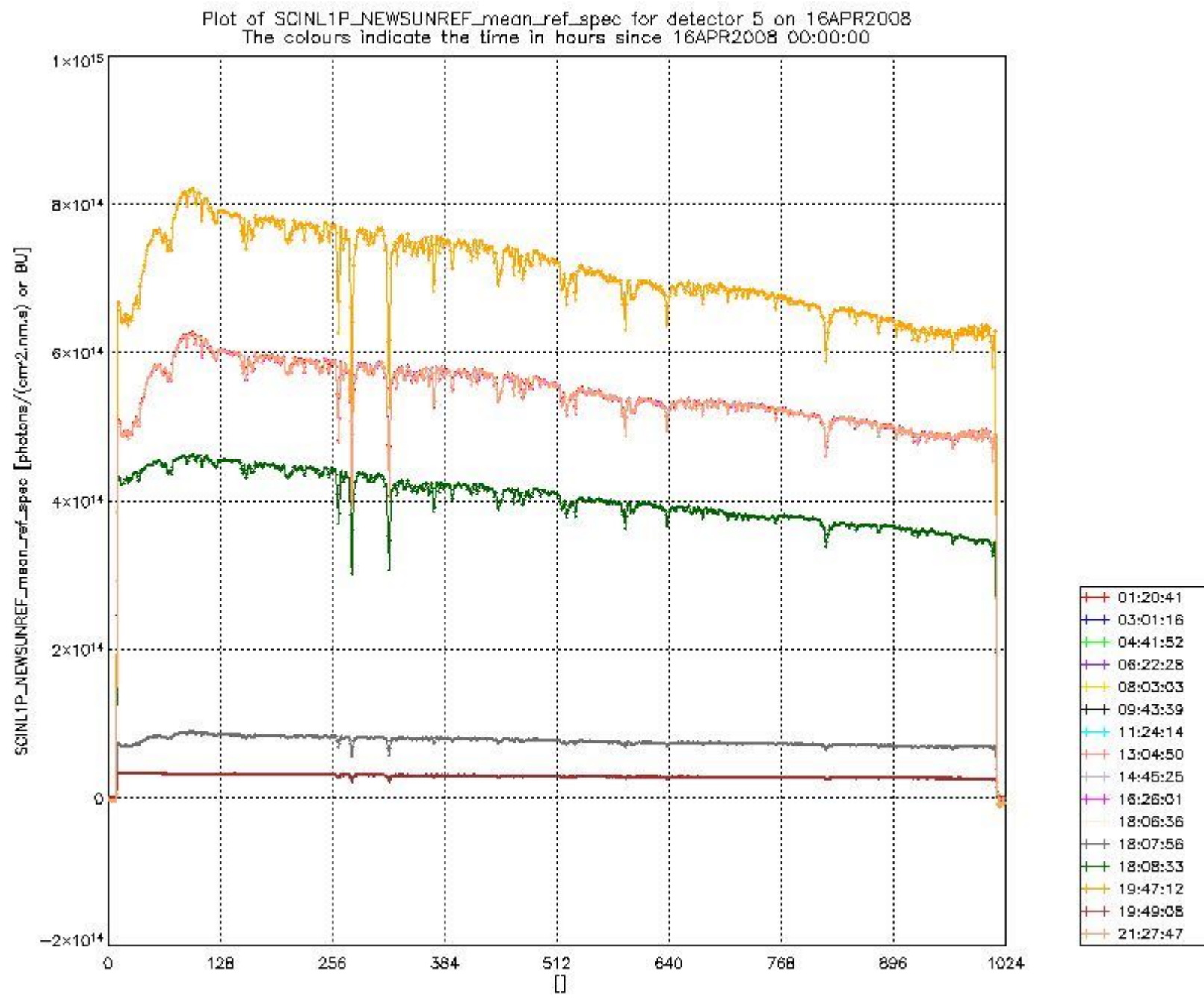


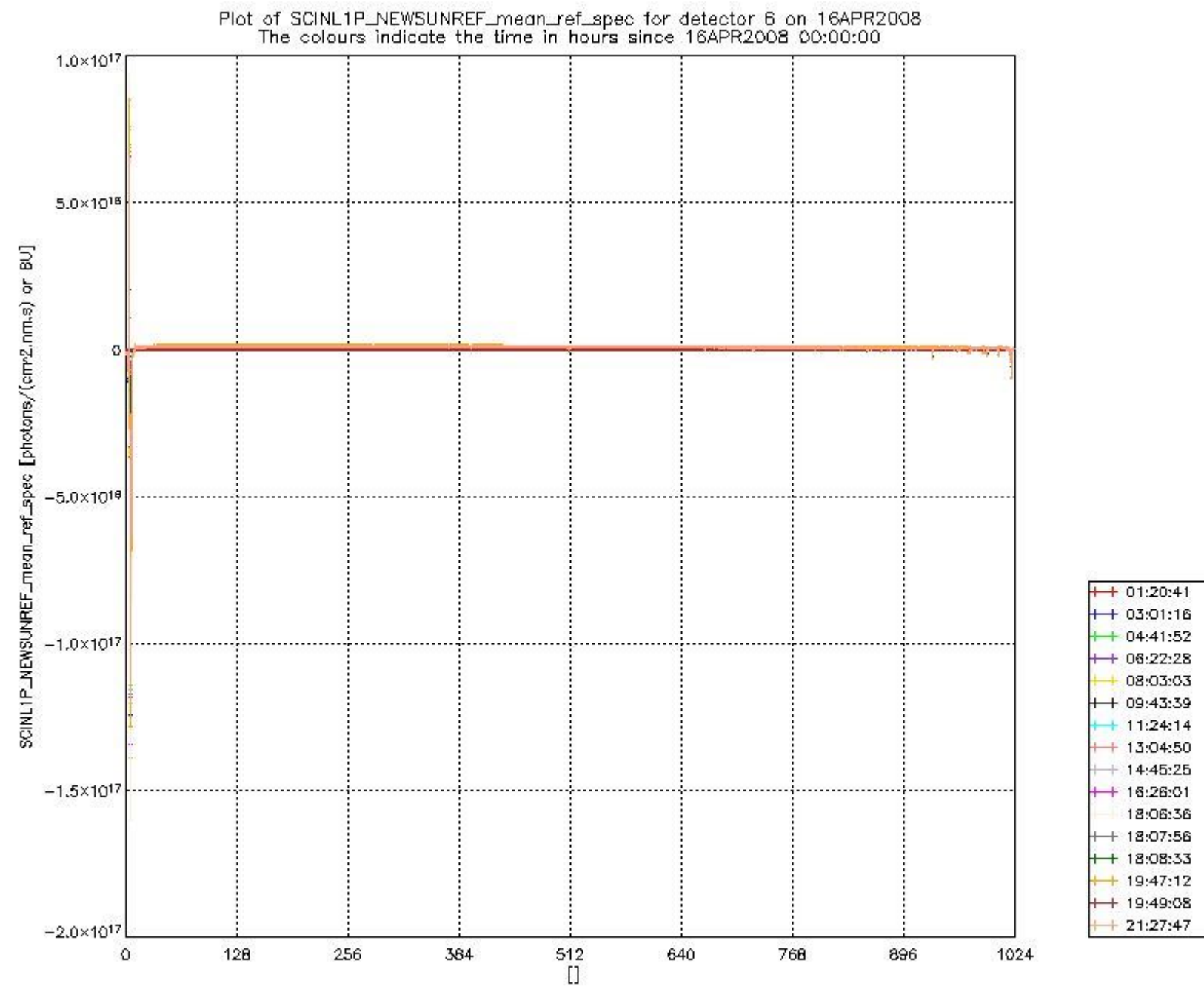


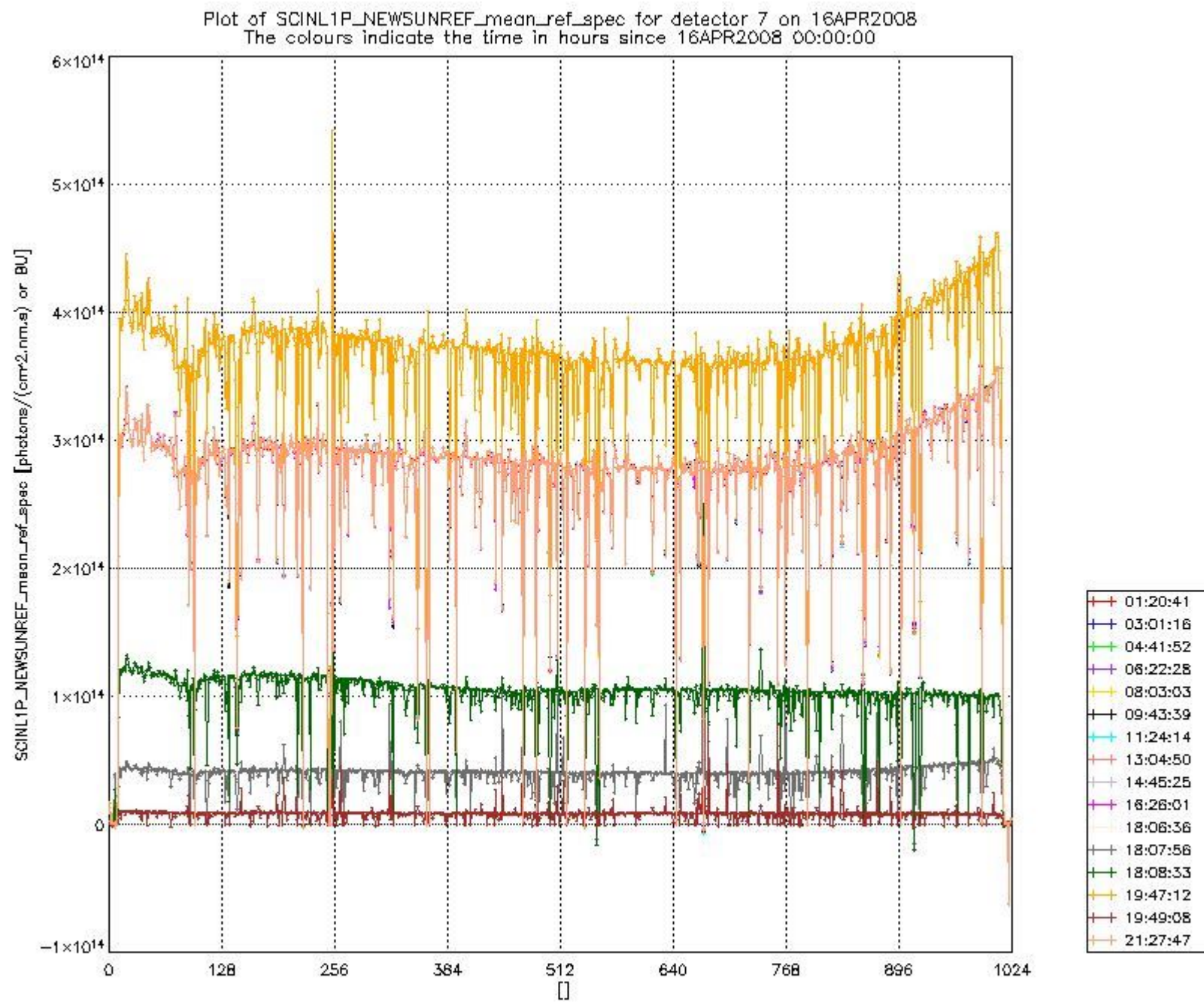


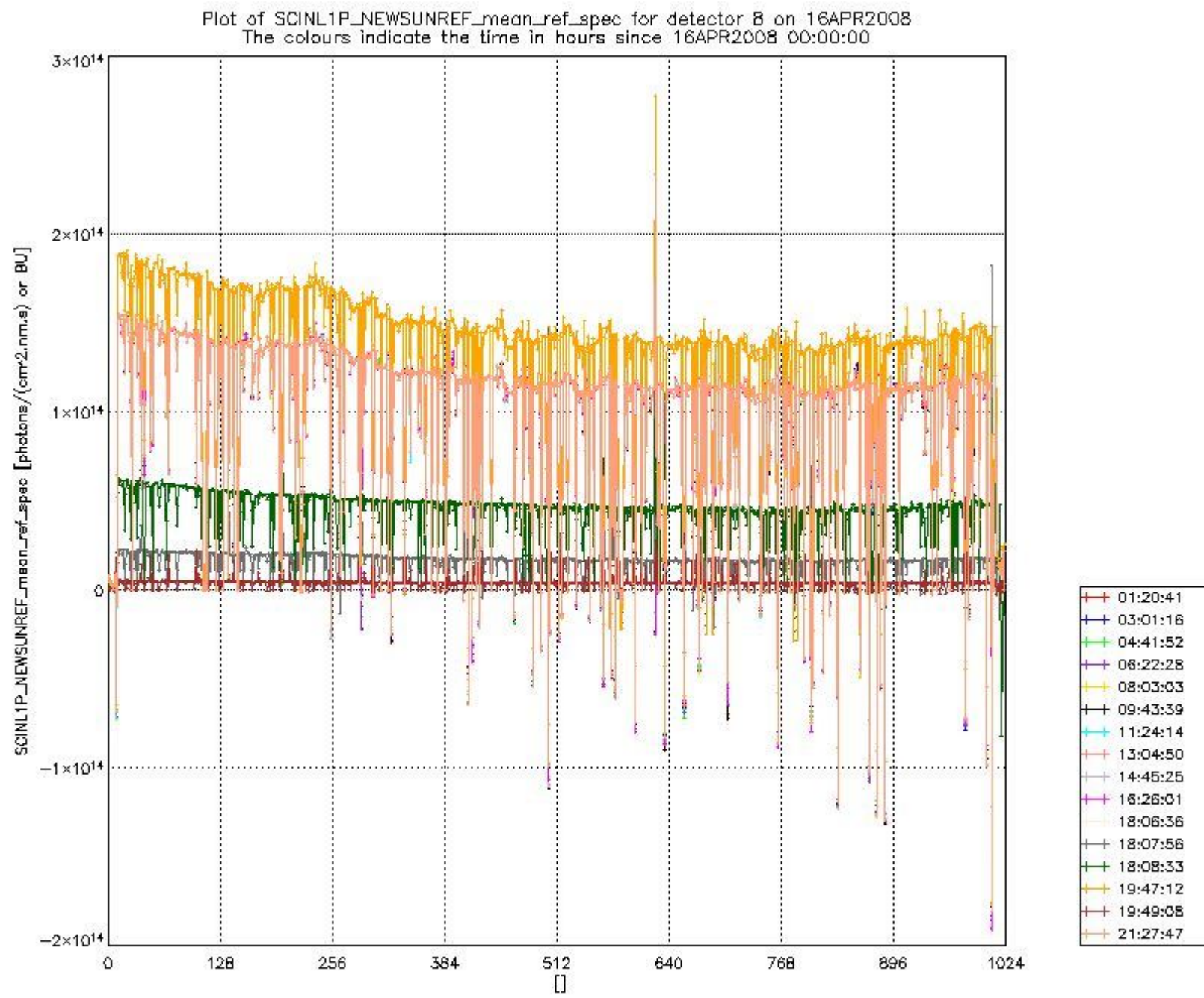




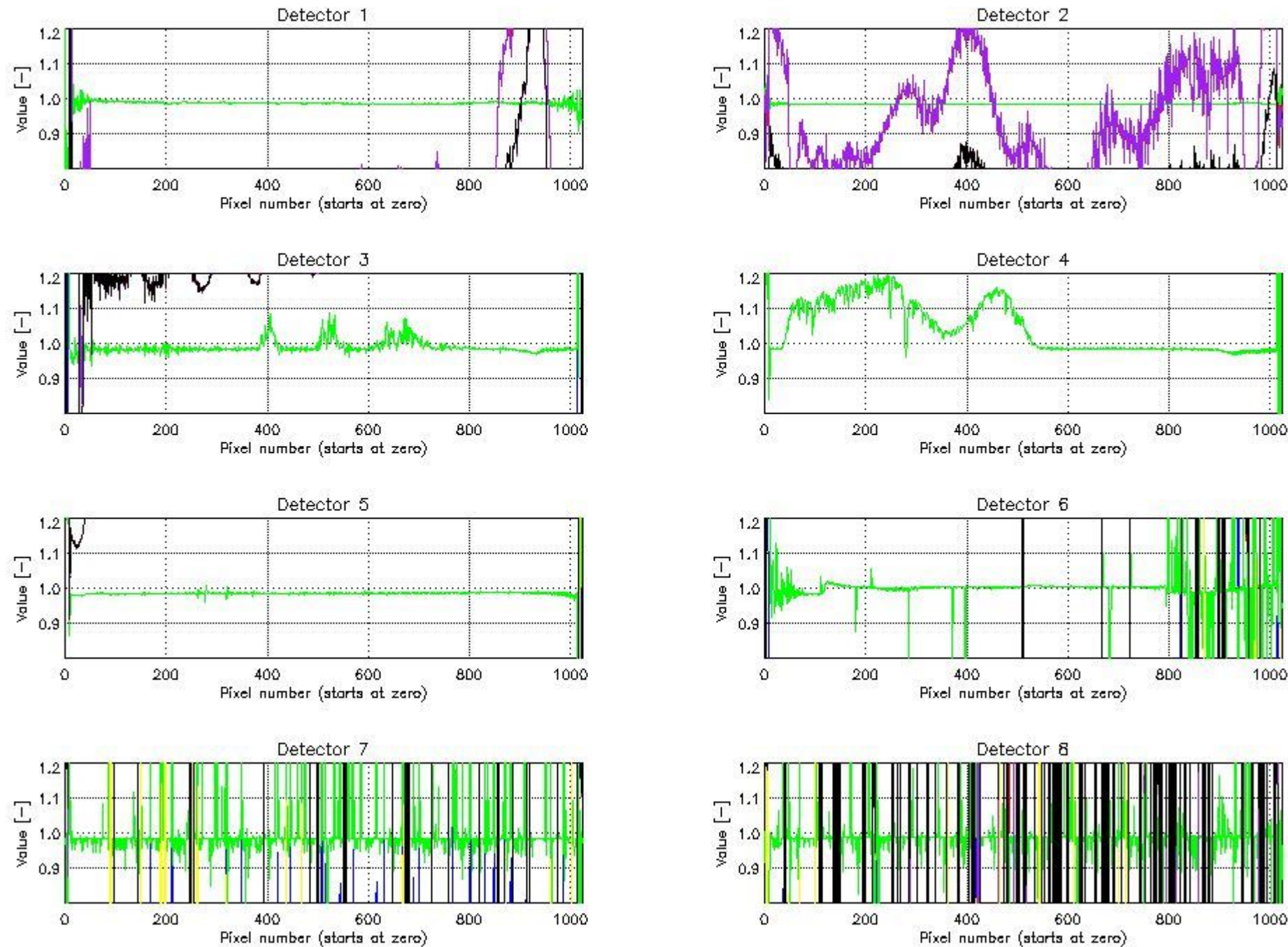








Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCI_SU1_AXMEC20080413_030434_20080410_180105_20080425_194045



sciamachy_daily_report_level1_SCIA_6_03_N_20080416_41.PNG

1.2.5 PPG and Etalon parameters

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

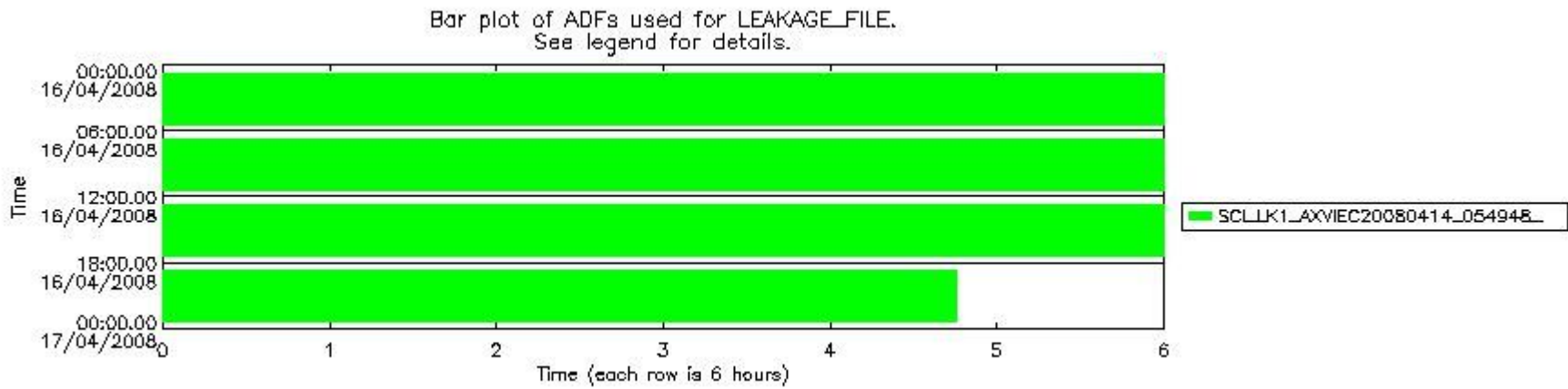
1.3 ADF monitoring

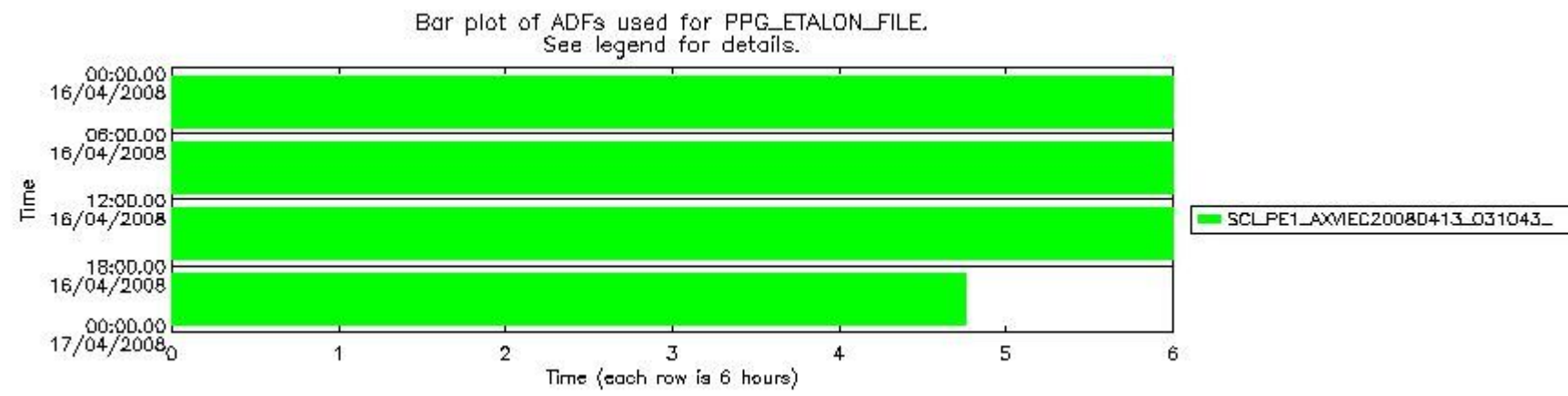
This section shows the (variation in) ADFs used for each of the products. It consists of:

- 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.

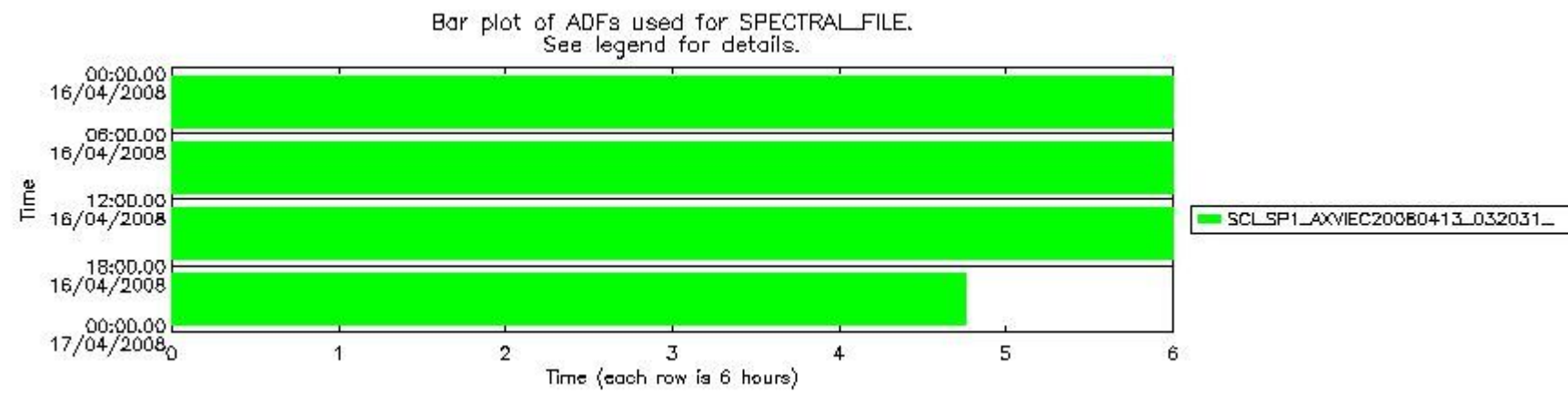
No new ADFs available

Number	ADF
	LK1 (LEAKAGE_FILE)
0	SCI_LK1_AXVIEC20080414_054948_20080411_123630_20080610_141609
	PE1 (PPG_ETALON_FILE)
1	SCI_PE1_AXVIEC20080413_031043_20080410_180105_20990101_000000
	SP1 (SPECTRAL_FILE)
2	SCI_SP1_AXVIEC20080413_032031_20080410_180105_20080709_194045
	SU1 (SUN_REF_FILE)
3	SCI_SU1_AXVIEC20080413_030434_20080410_180105_20080425_194045
	KD1 (KEY_DATA_FILE)
4	SCI_KD1_AXVIEC20060523_182626_20020301_000000_20991231_235959
	MF1 (M_FACTOR_FILE)
5	SCI_MF1_AXVIEC20020809_094925_20020206_173831_20991231_235959
	LI1 (INIT_FILE)
6	SCI_LI1_AXVIEC20070628_134108_20020701_000000_20991231_235959
	FRO (ORBIT_FILE)
7	DOR_NAV_0PNPDE20080415_231220_000060572067_00416_32033_5341.N1
8	DOR_NAV_0PNPDE20080416_005317_000044632067_00417_32034_5342.N1
9	DOR_NAV_0PNPDE20080416_021259_000054192067_00418_32035_5343.N1
10	DOR_NAV_0PNPDE20080416_034837_000057382067_00419_32036_5344.N1
11	DOR_NAV_0PNPDE20080416_052934_000057382067_00420_32037_5345.N1
12	DOR_NAV_0PNPDE20080416_194459_000038252067_00429_32046_5346.N1
13	DOR_NAV_0PNPDK20080416_071031_000035072067_00421_32038_6601.N1
14	DOR_NAV_0PNPDK20080416_081416_000060572067_00422_32039_6602.N1
15	DOR_NAV_0PNPDK20080416_095513_000057382067_00423_32040_6603.N1
16	DOR_NAV_0PNPDK20080416_113611_000057382067_00424_32041_6604.N1
17	DOR_NAV_0PNPDK20080416_131708_000054192067_00425_32042_6605.N1
18	DOR_NAV_0PNPDK20080416_145246_000057382067_00426_32043_6606.N1
19	DOR_NAV_0PNPDK20080416_163343_000054192067_00427_32044_6607.N1
	ATT (ATTITUDE_FILE)
20	NOT USED

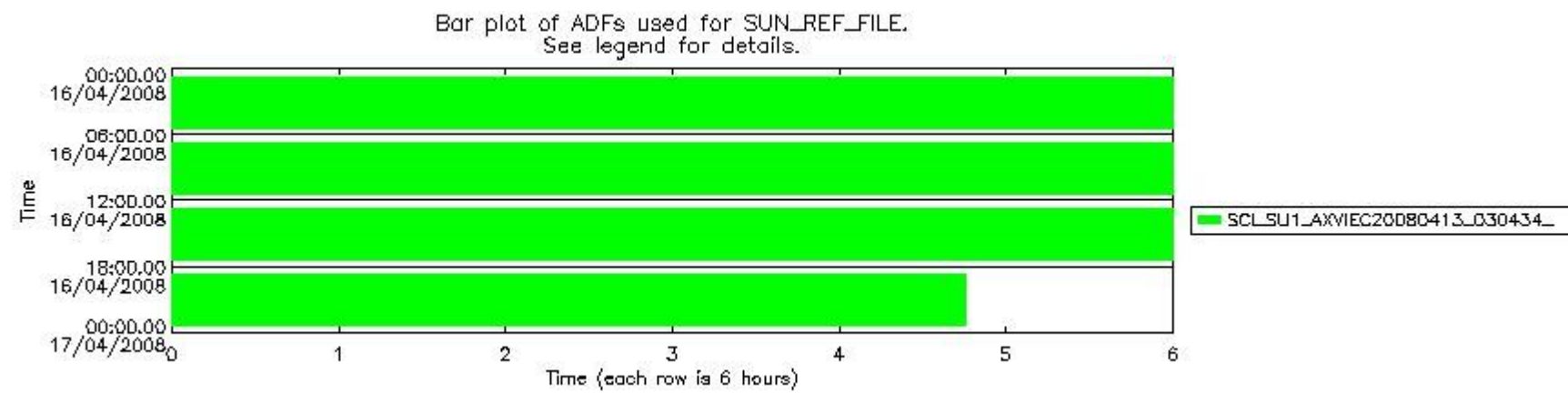




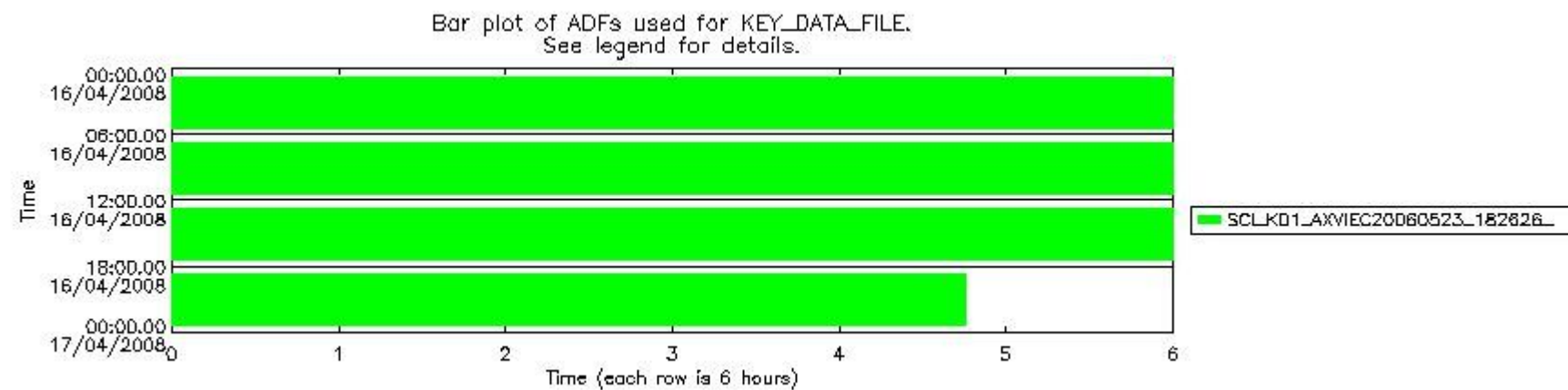
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_43.PNG



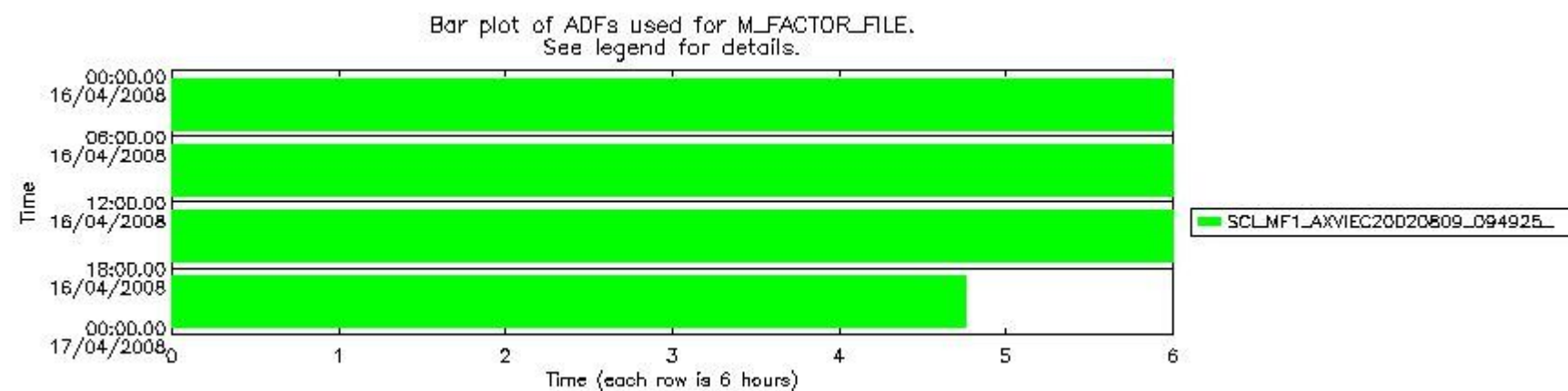
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_44.PNG



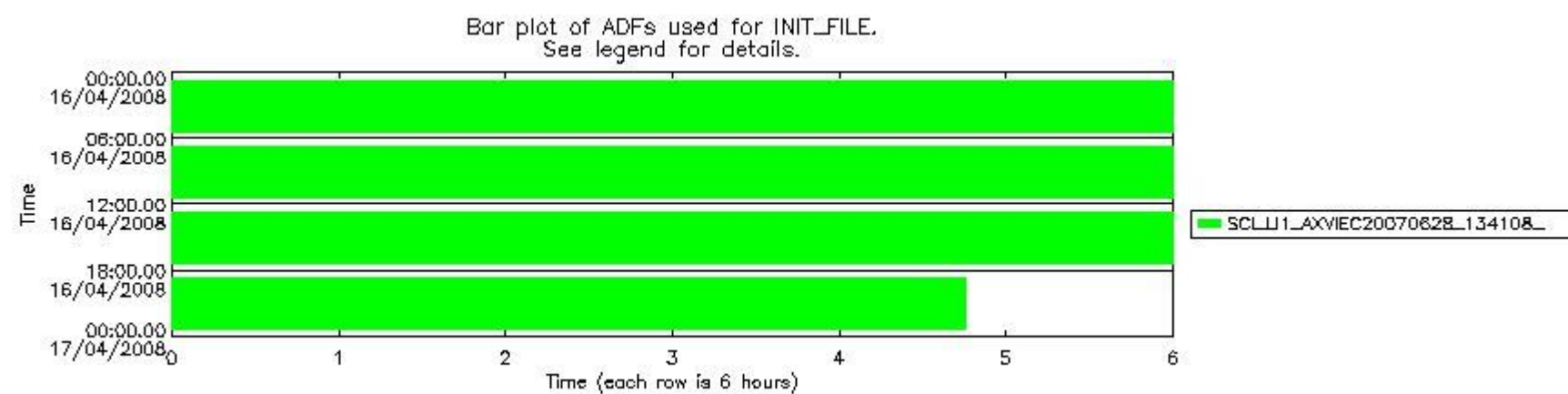
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_45.PNG



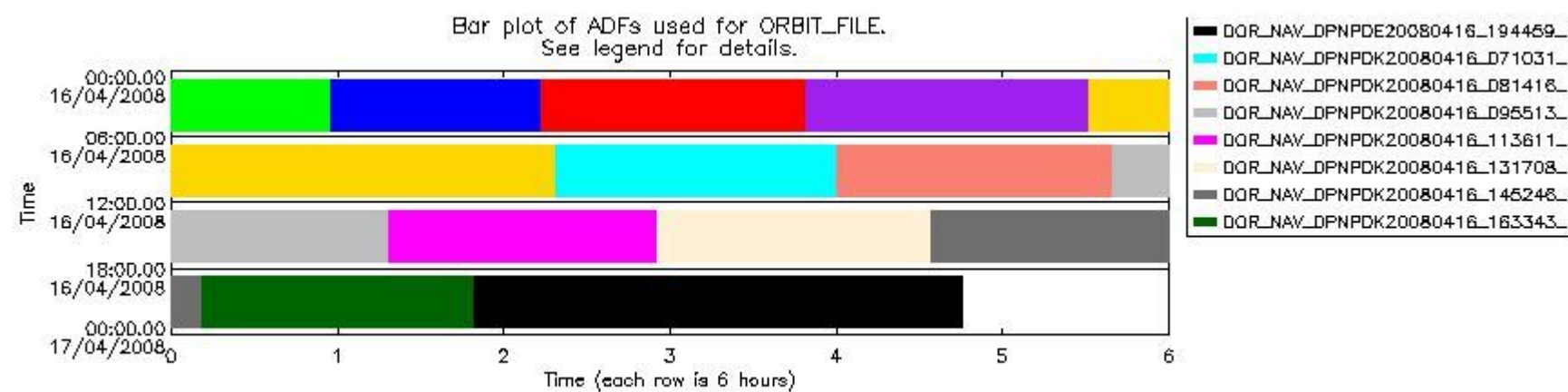
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_46.PNG



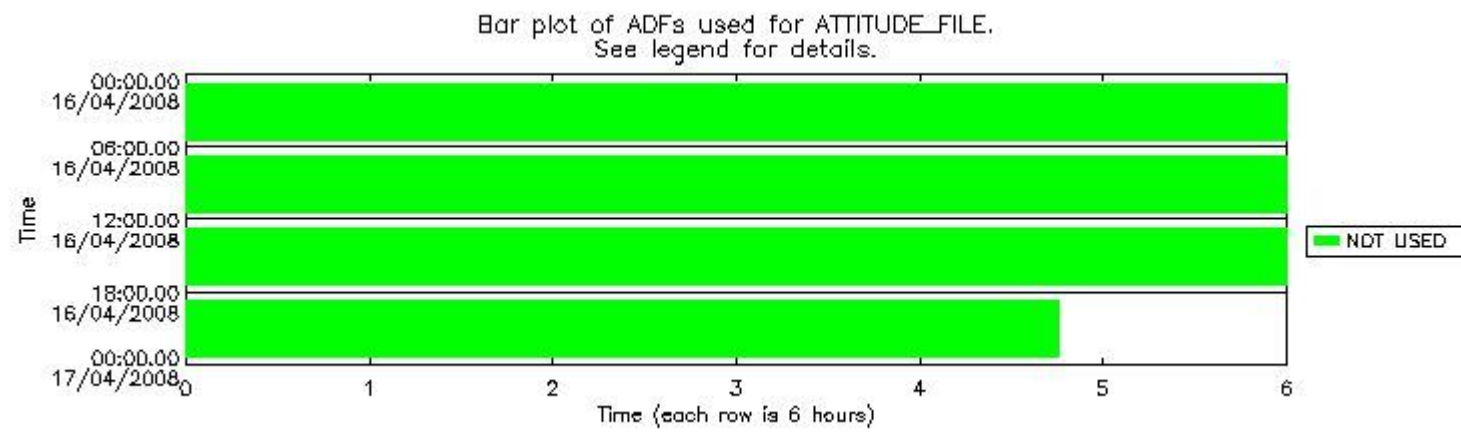
sciamachy_daily_report_level1_SCIA_6_03_N_20080416_47.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080416_48.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080416_49.PNG

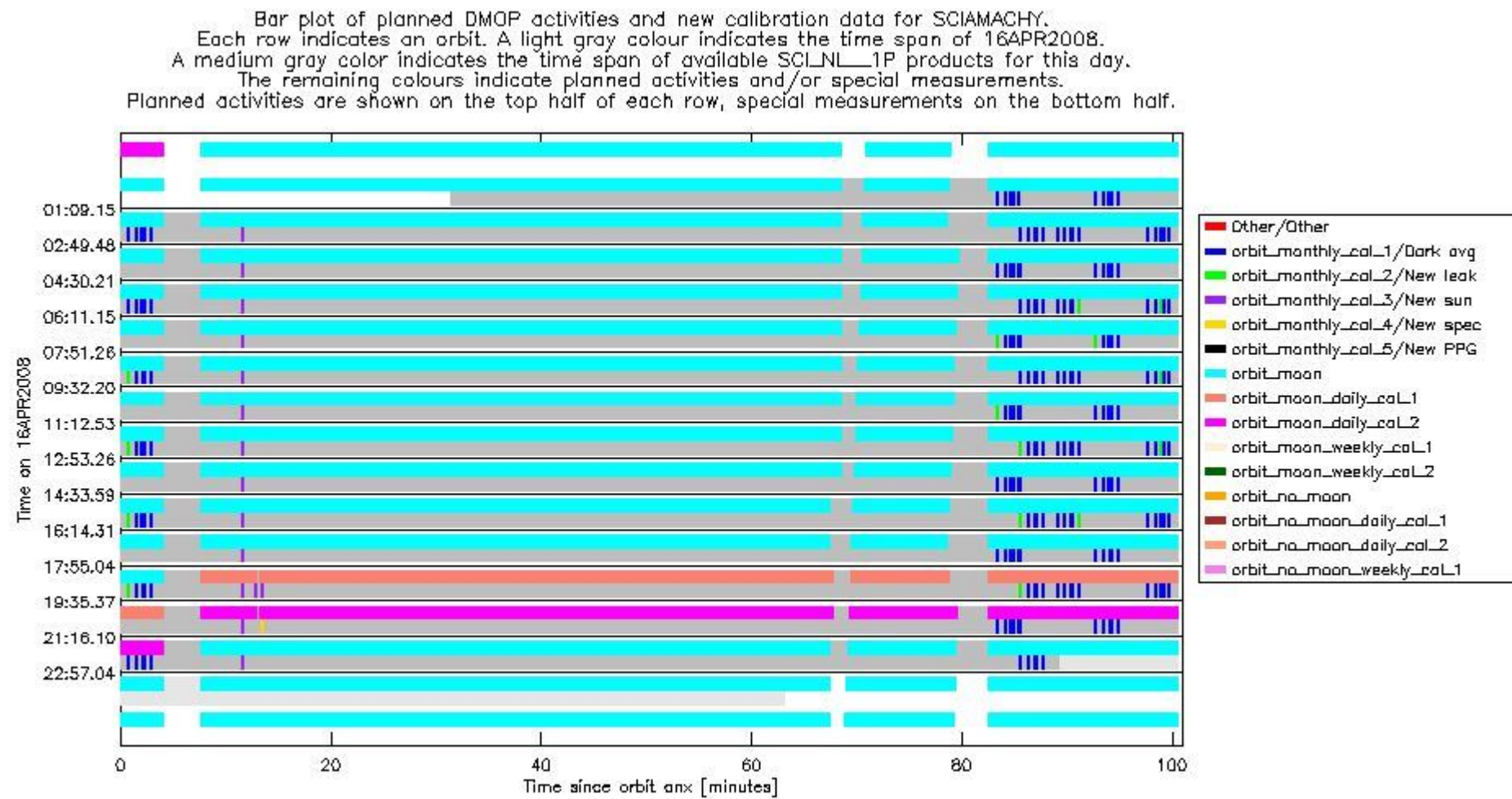


sciamachy_daily_report_level1_SCIA_6_03_N_20080416_50.PNG

1.4 DMOP execution monitoring

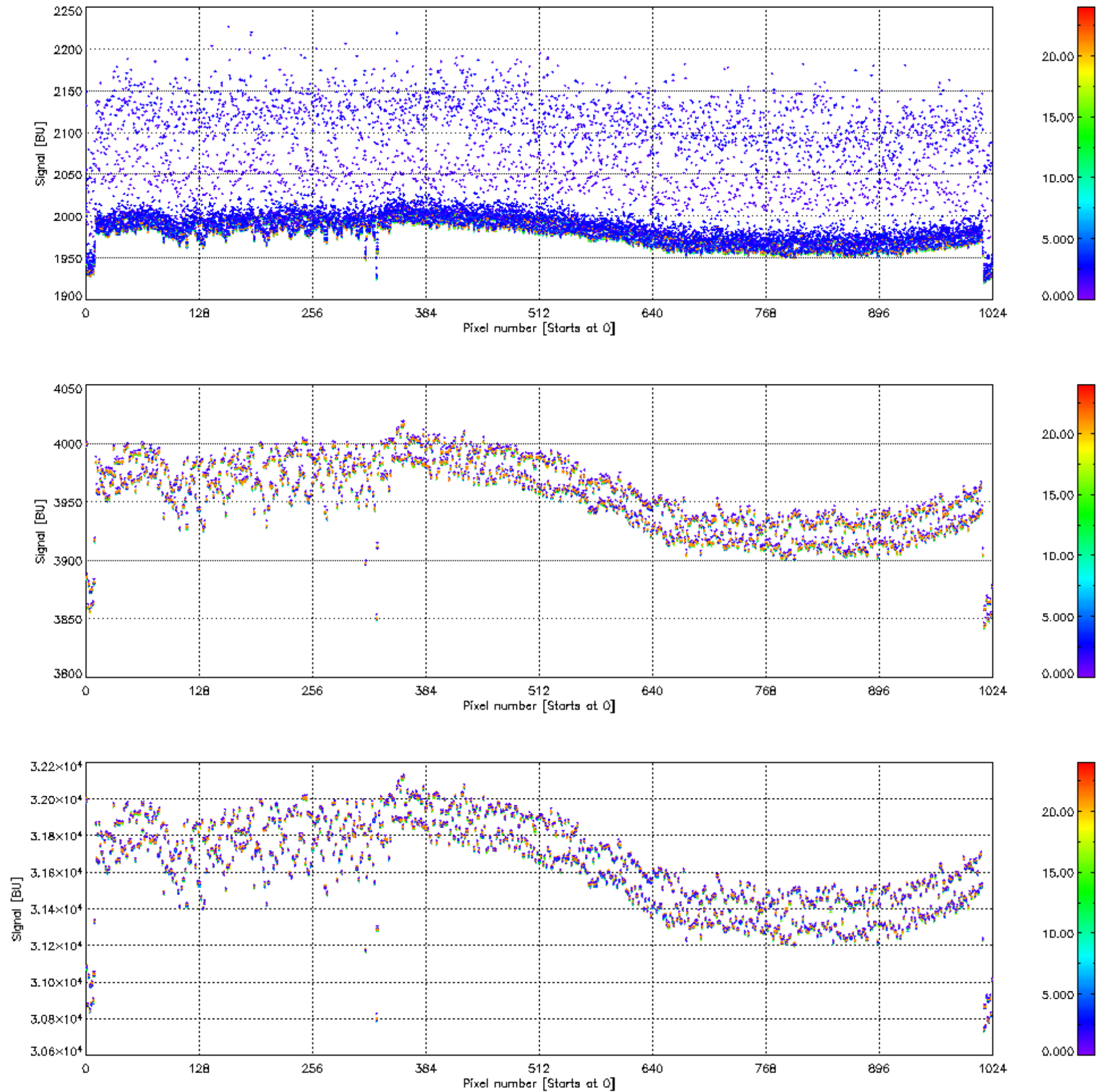
This section gives an analysis of the DMOP execution. The execution is monitored by assigning various activities to timeline sequences found in the DMOP file, and by checking where "NEW" datasets are available in SCI_NL__1P products.

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.

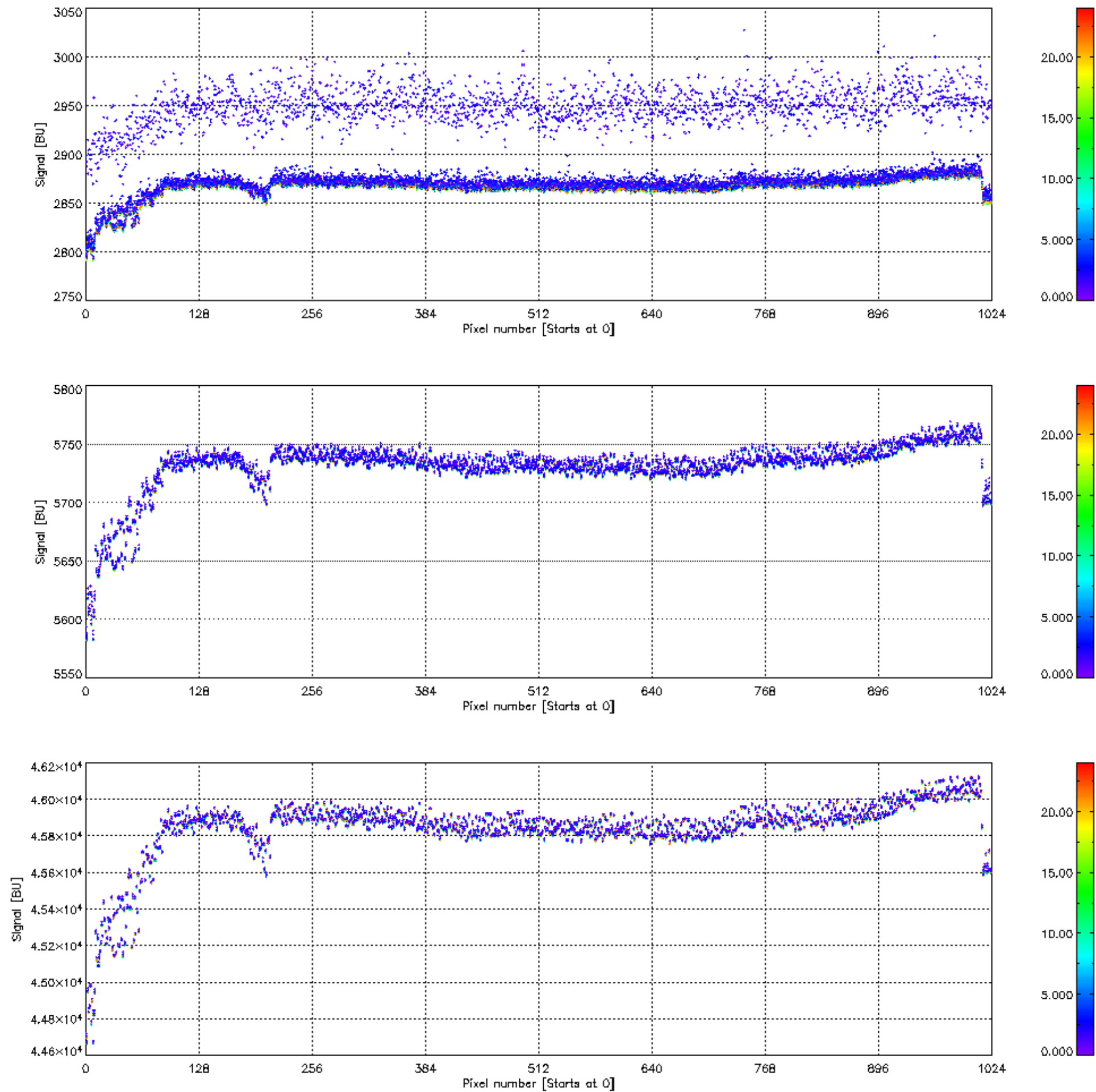


sciamachy_daily_report_level1_SCIA_6_03_N_20080416_51.PNG

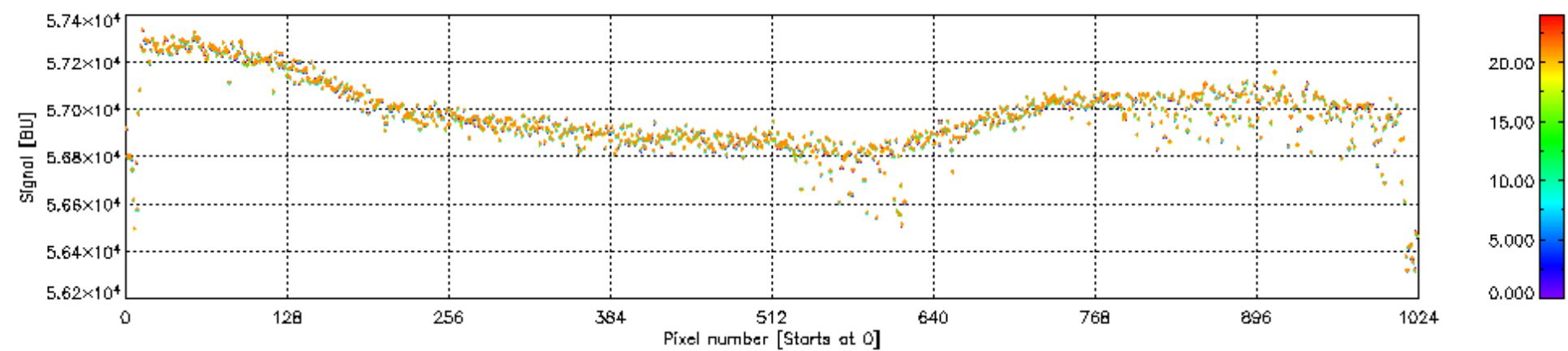
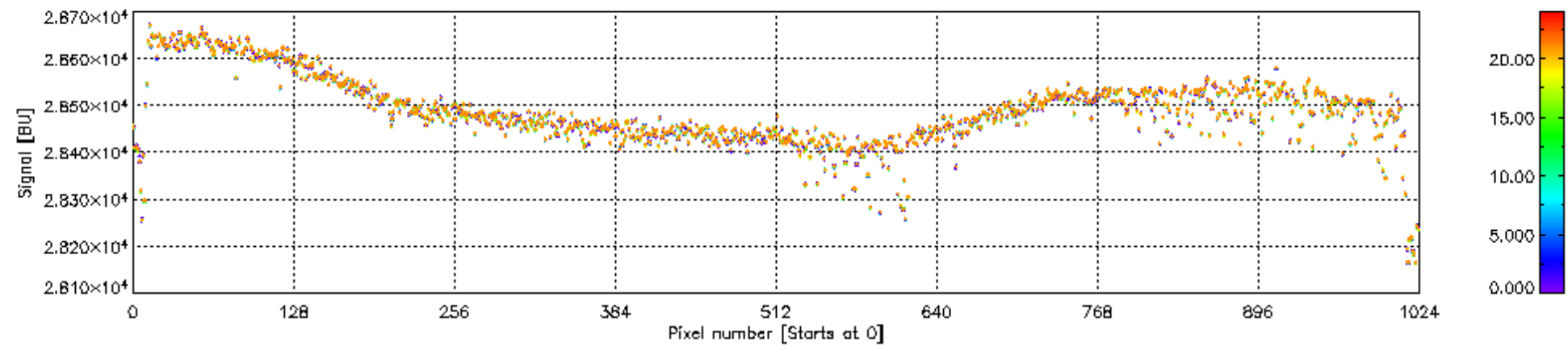
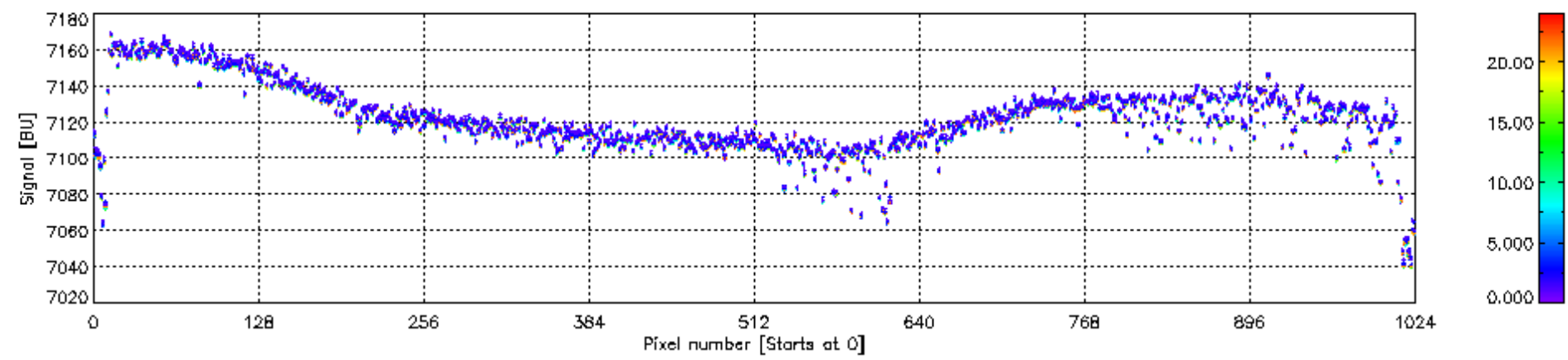
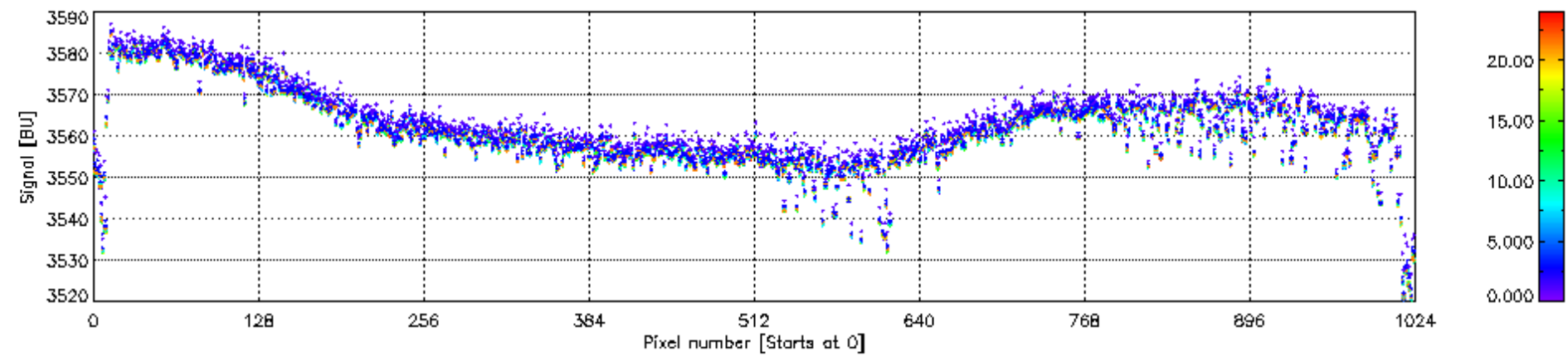
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



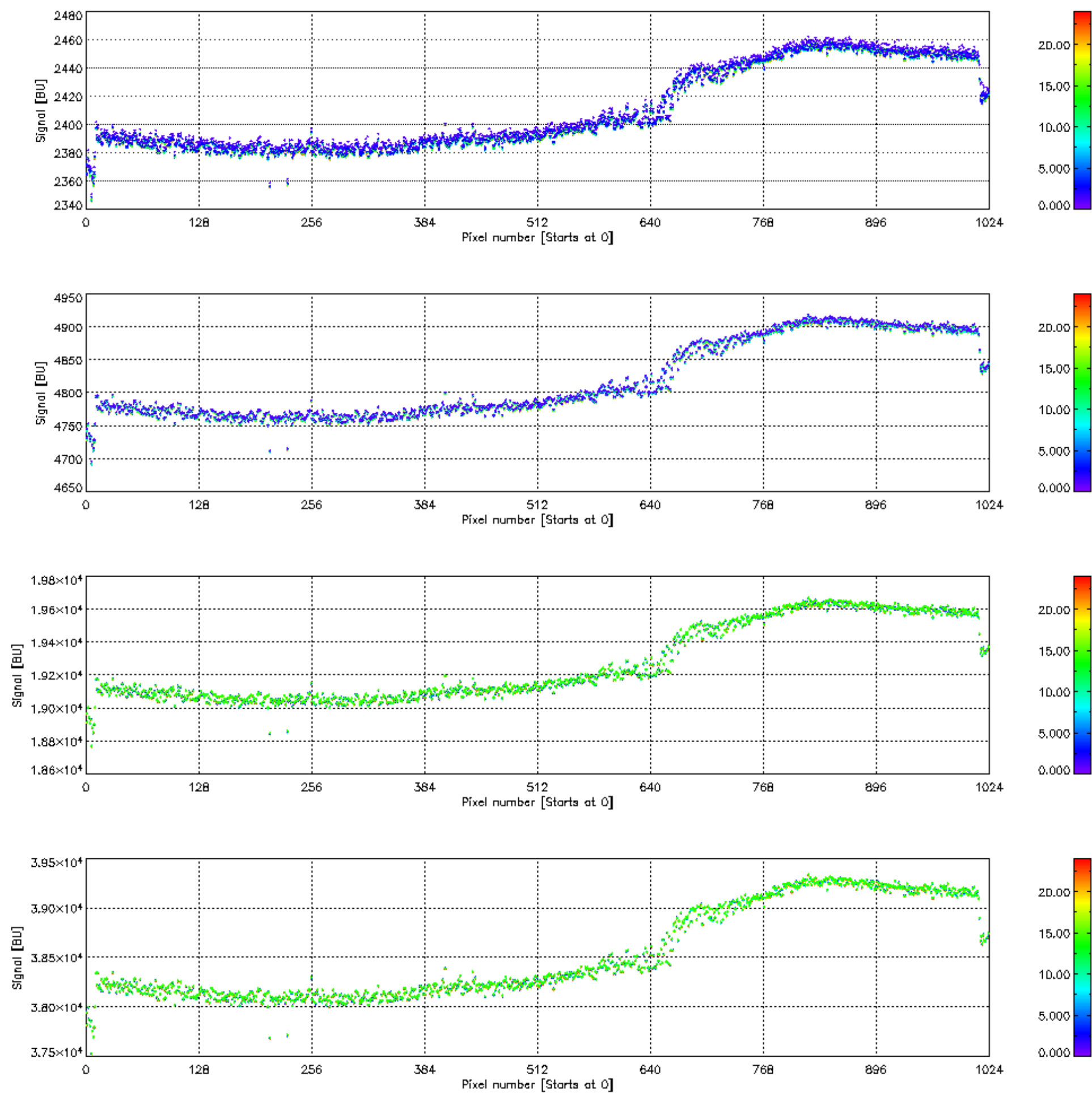
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



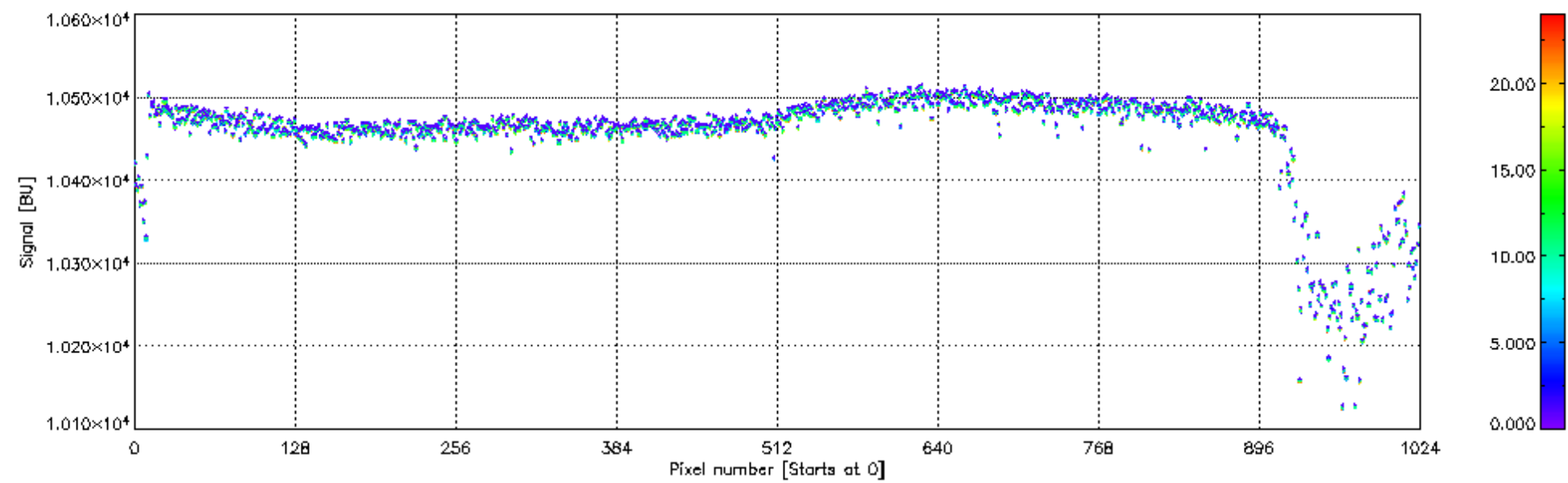
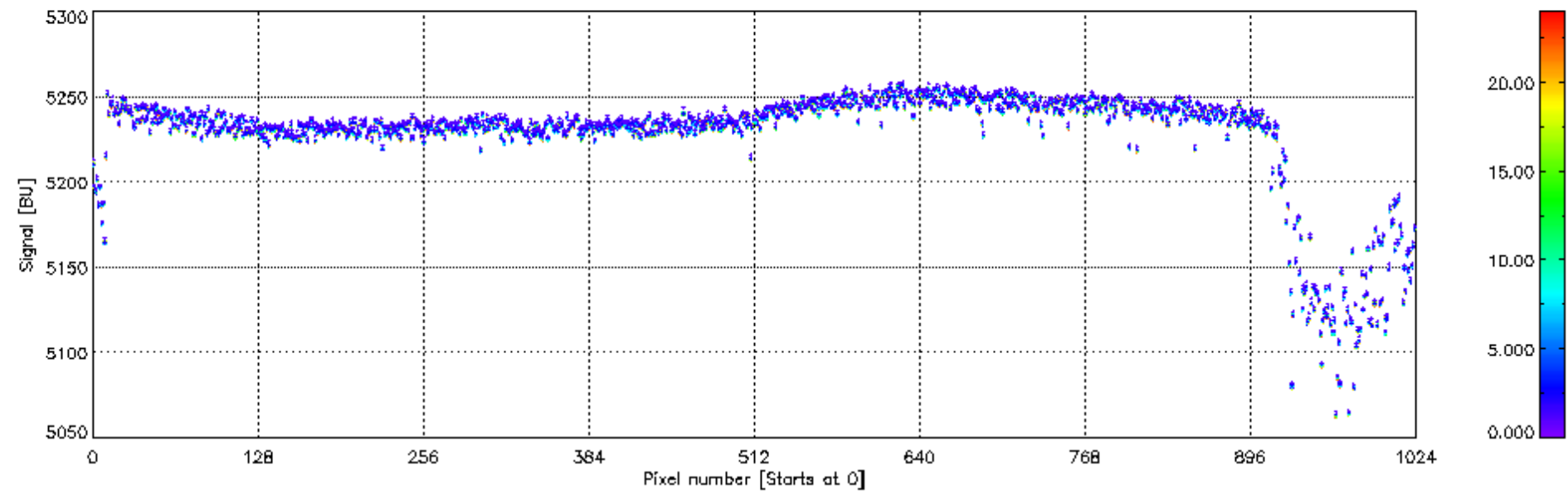
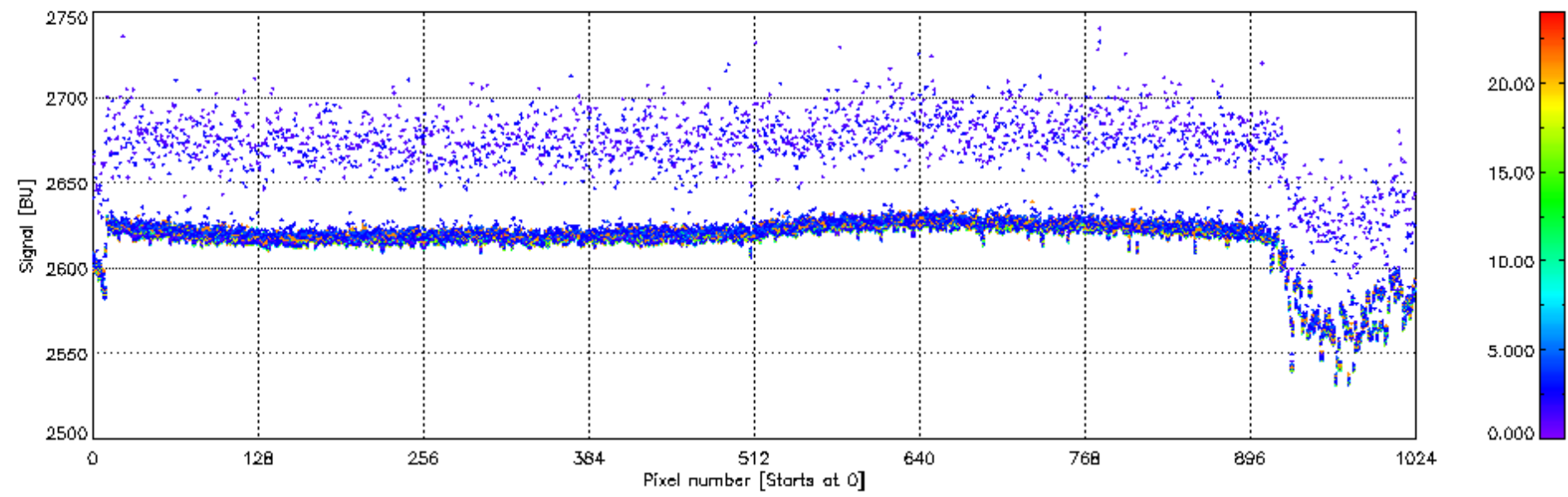
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



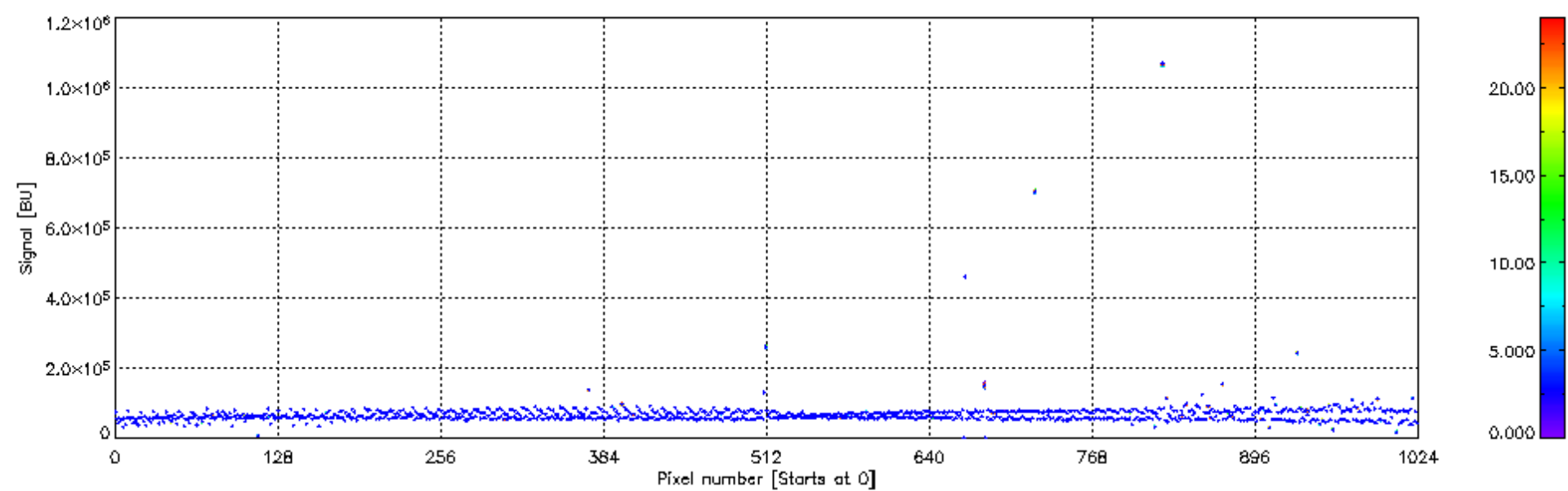
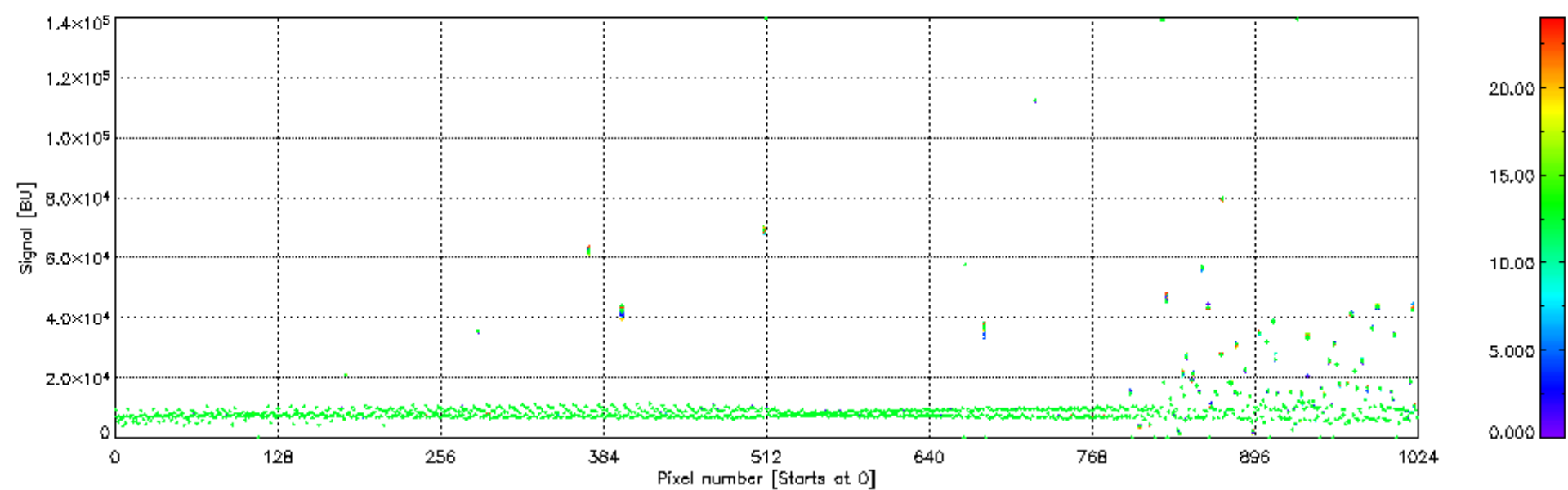
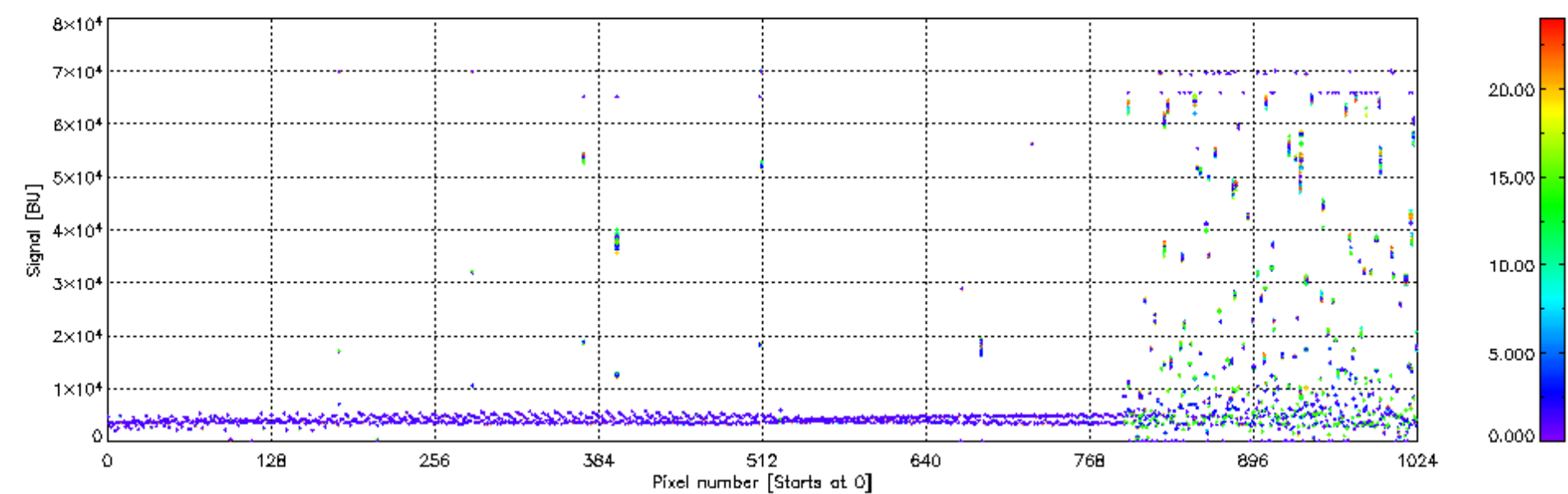
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



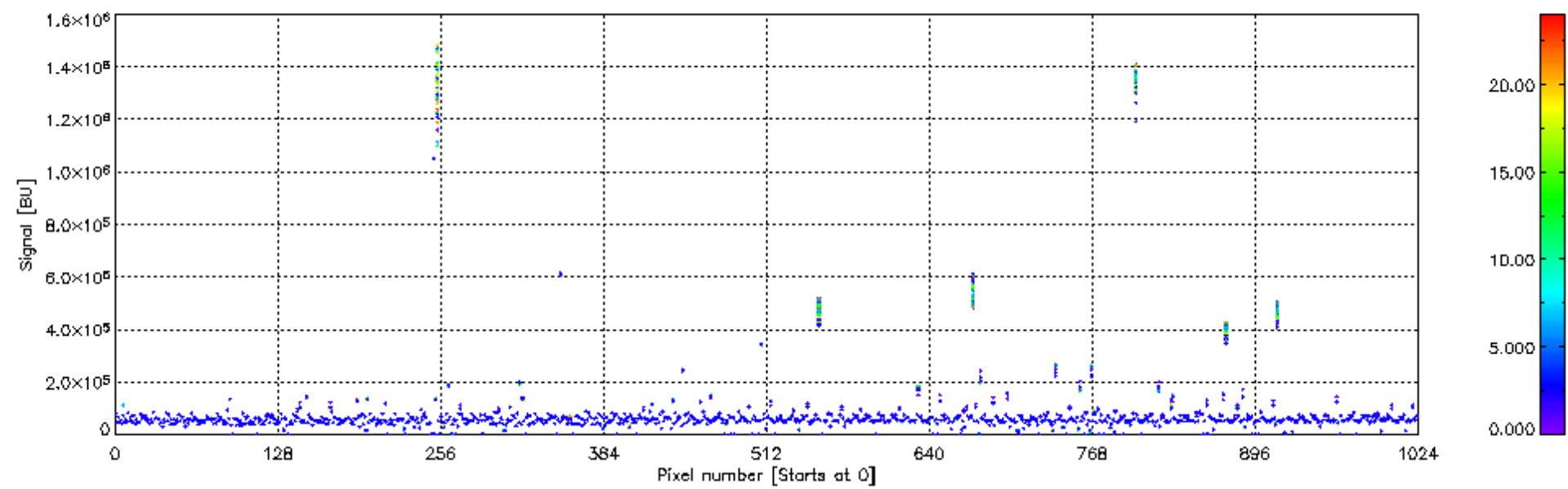
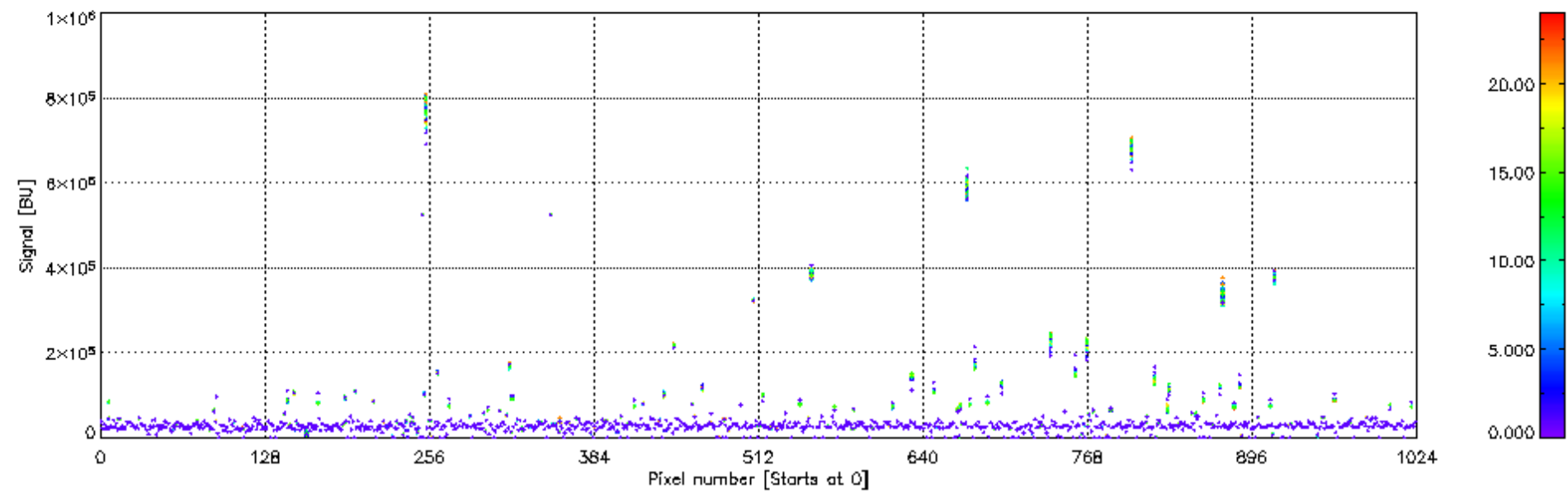
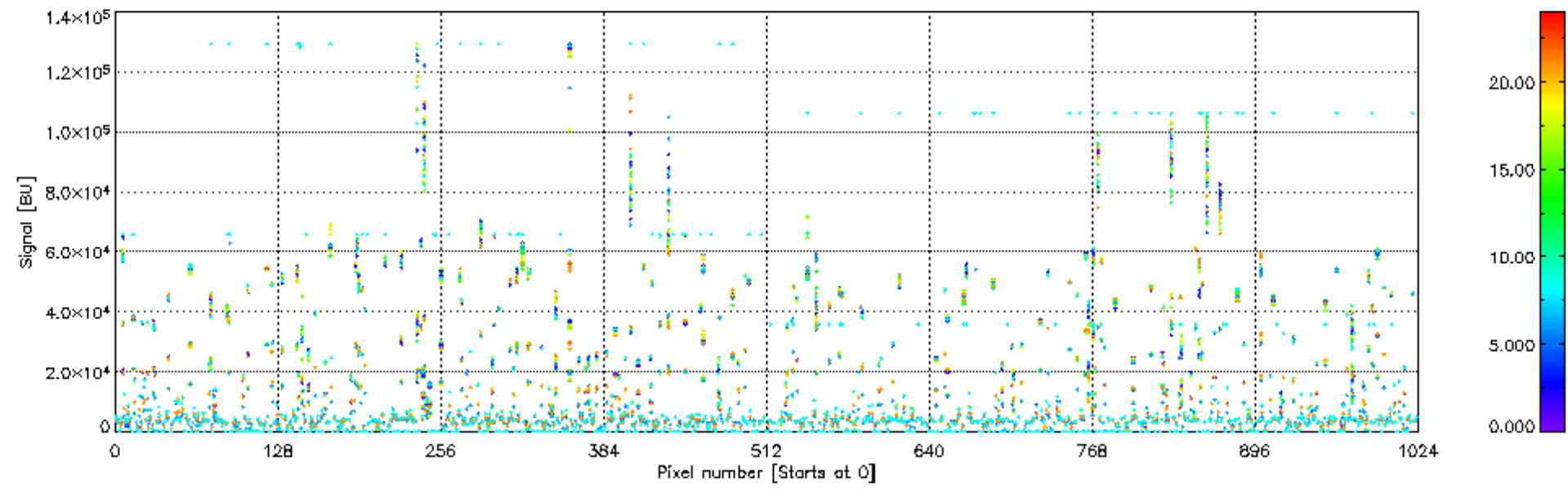
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



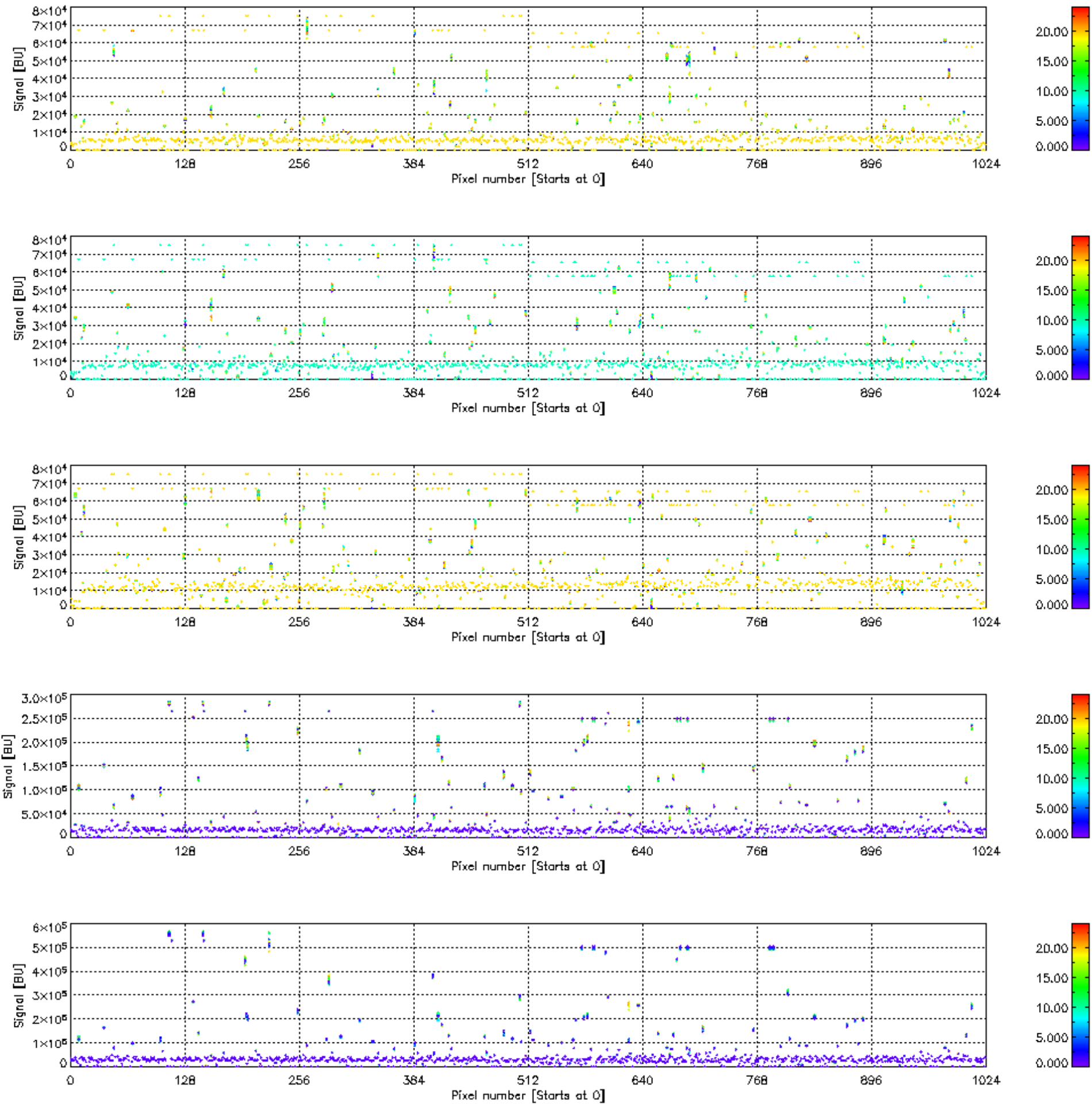
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00



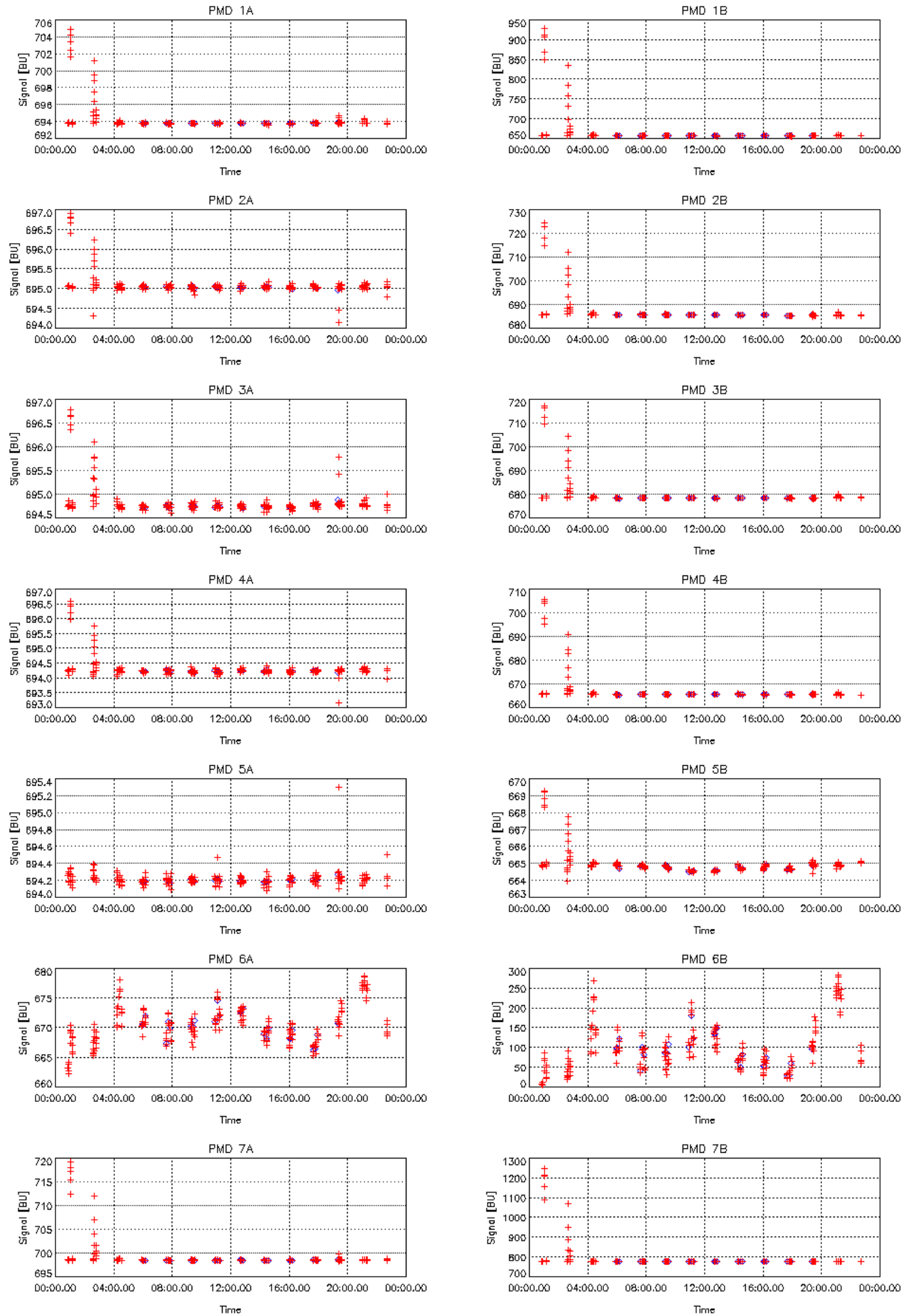
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00

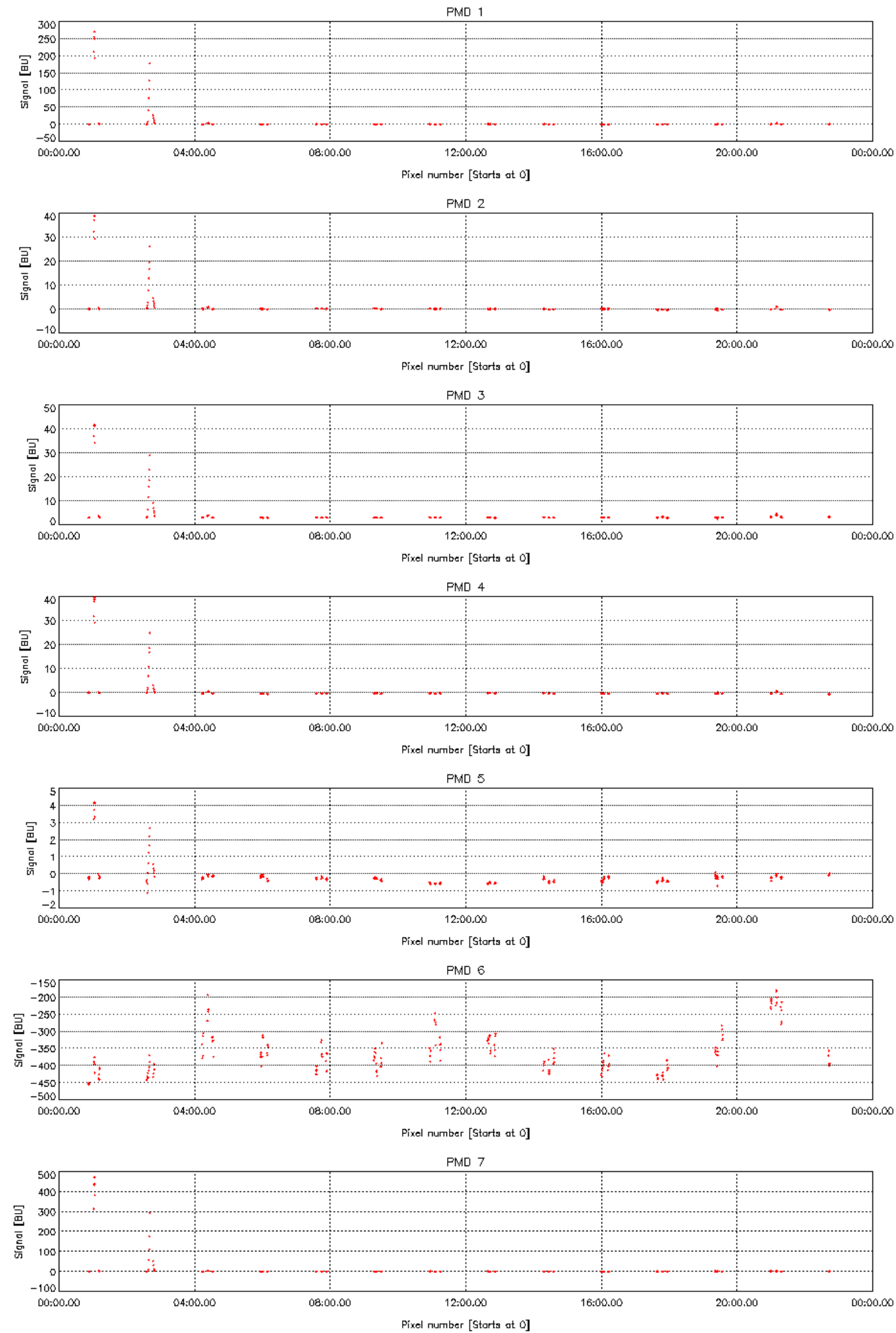


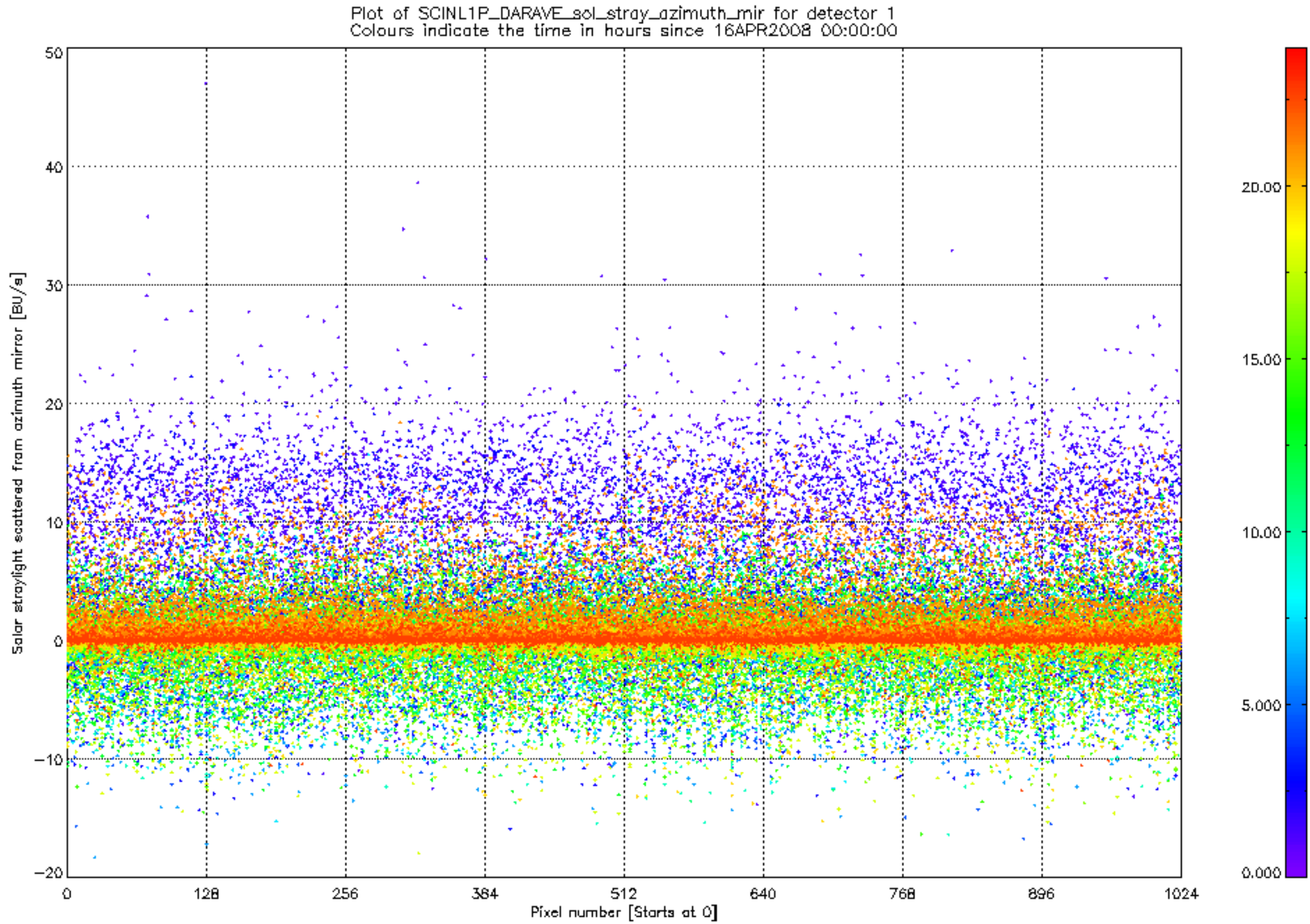
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 16APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 16APR2008 00:00:00

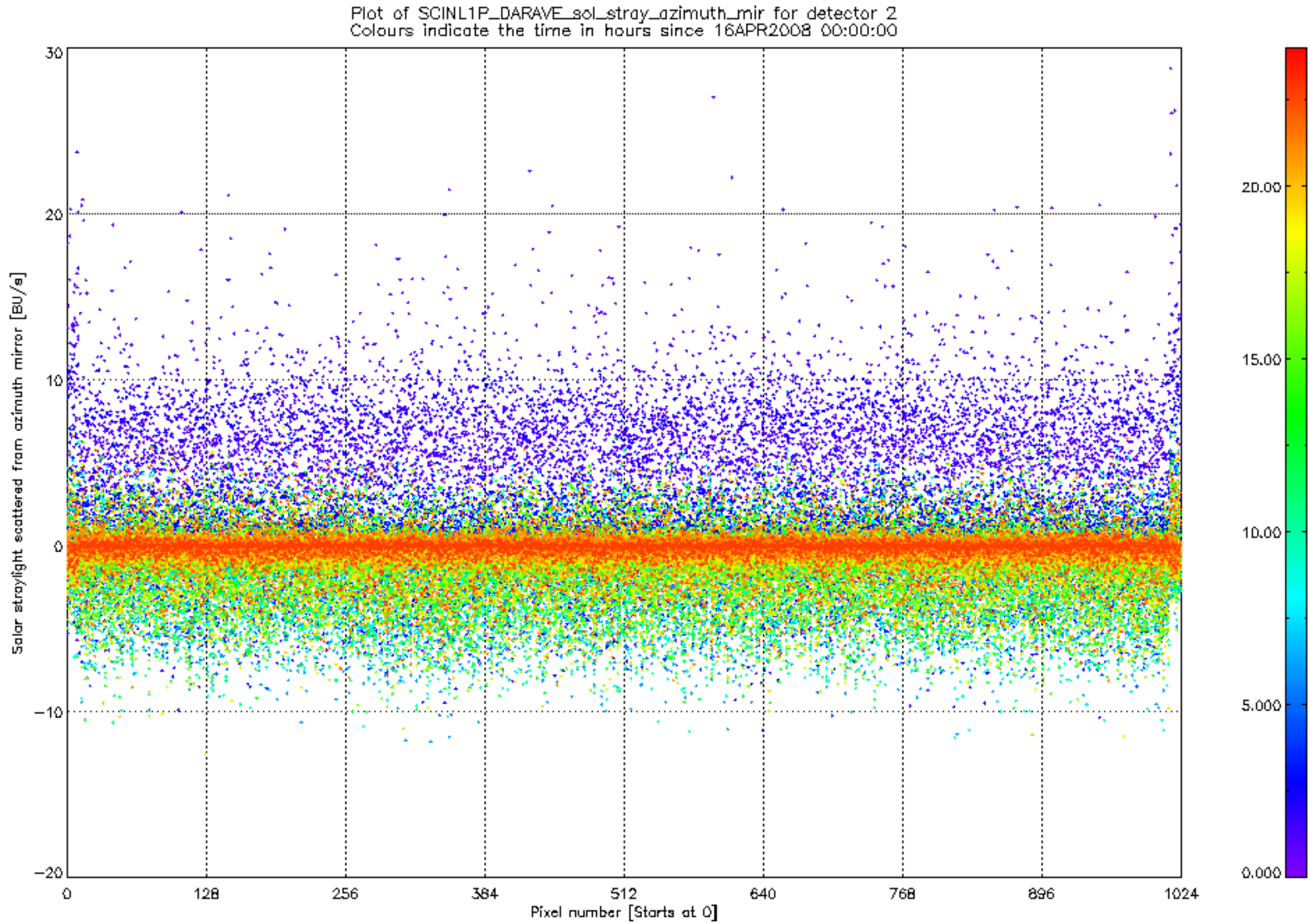


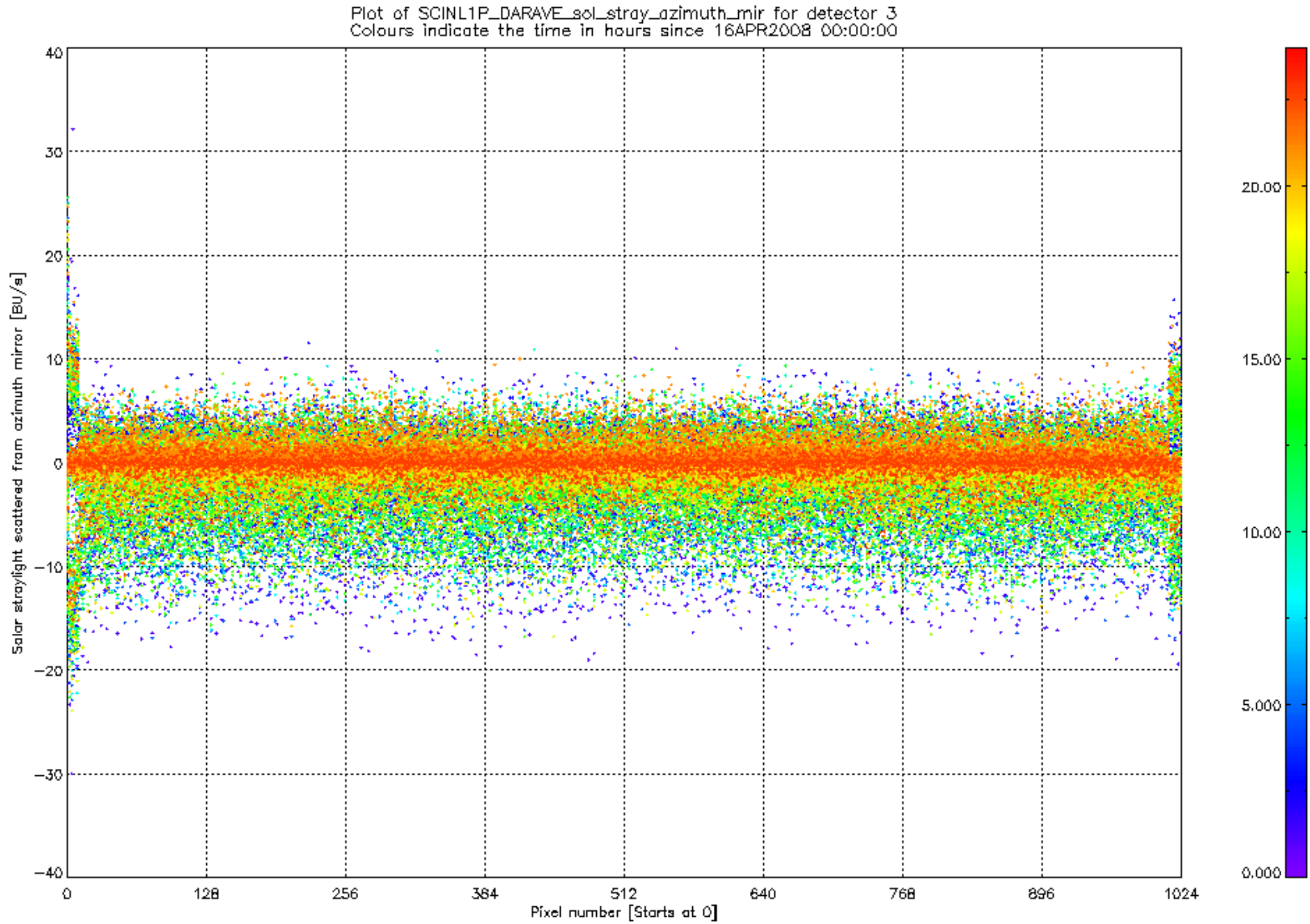
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 16APR2008 (red).
New leakage current offset data is given in blue for comparison.

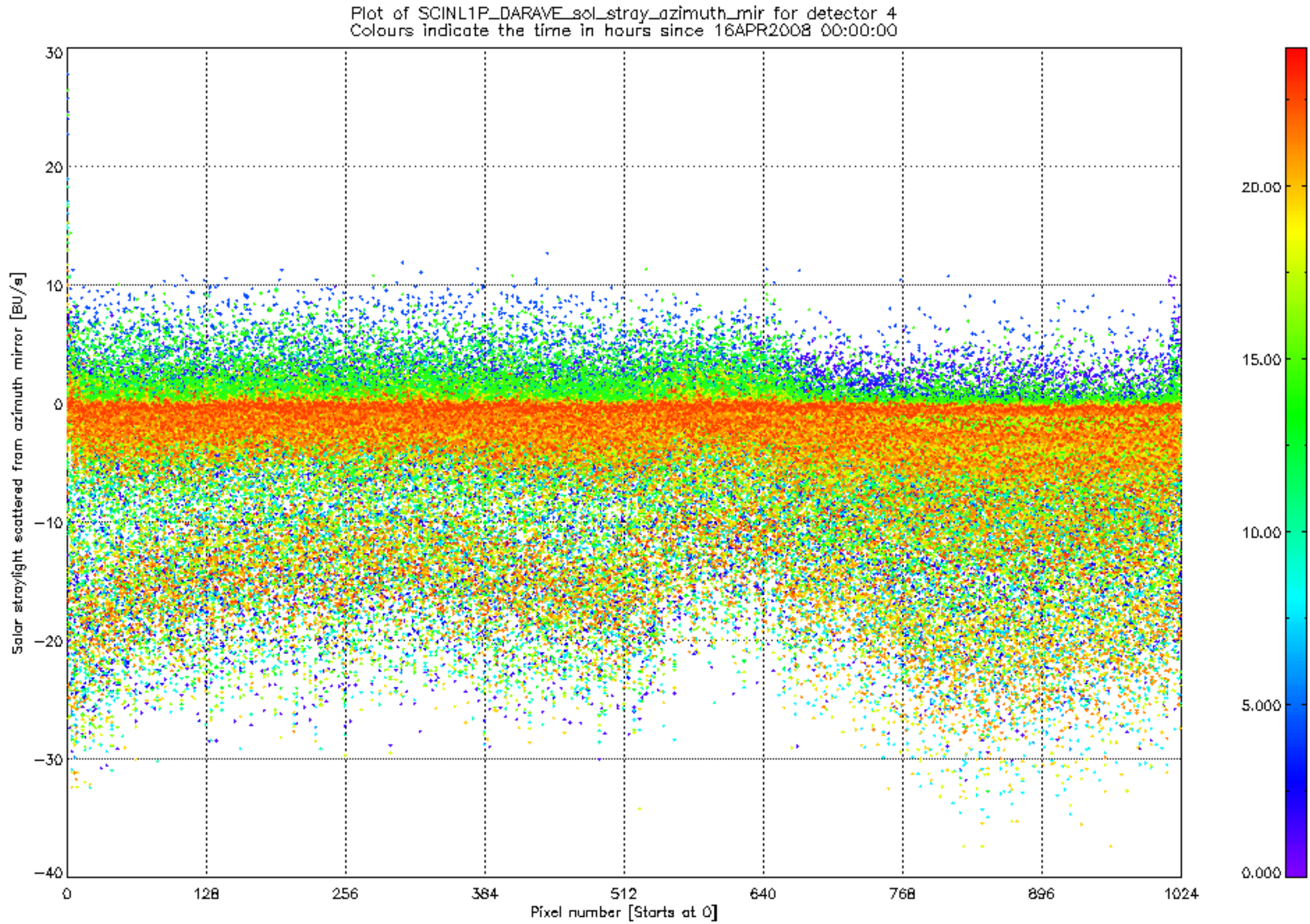


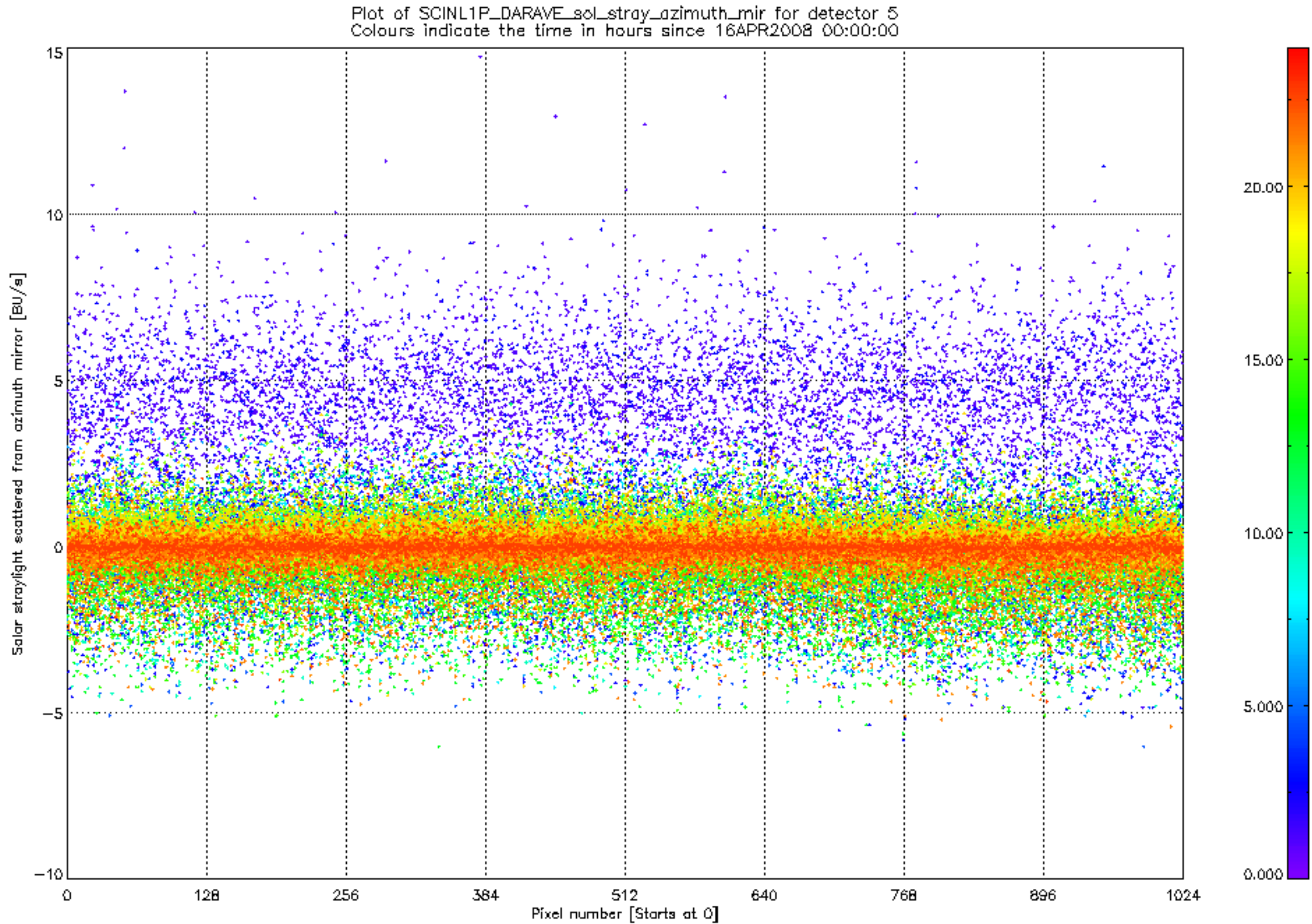


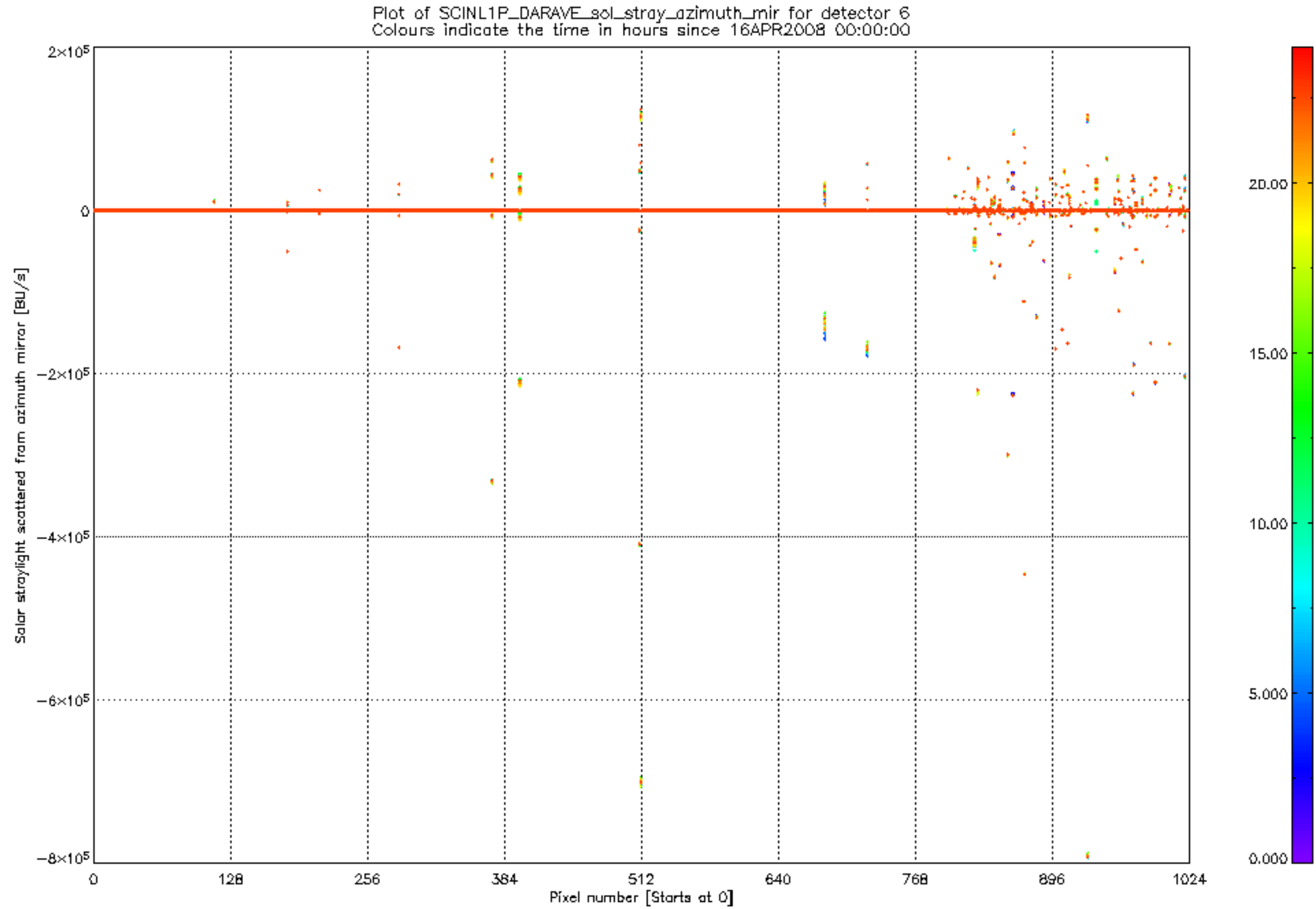


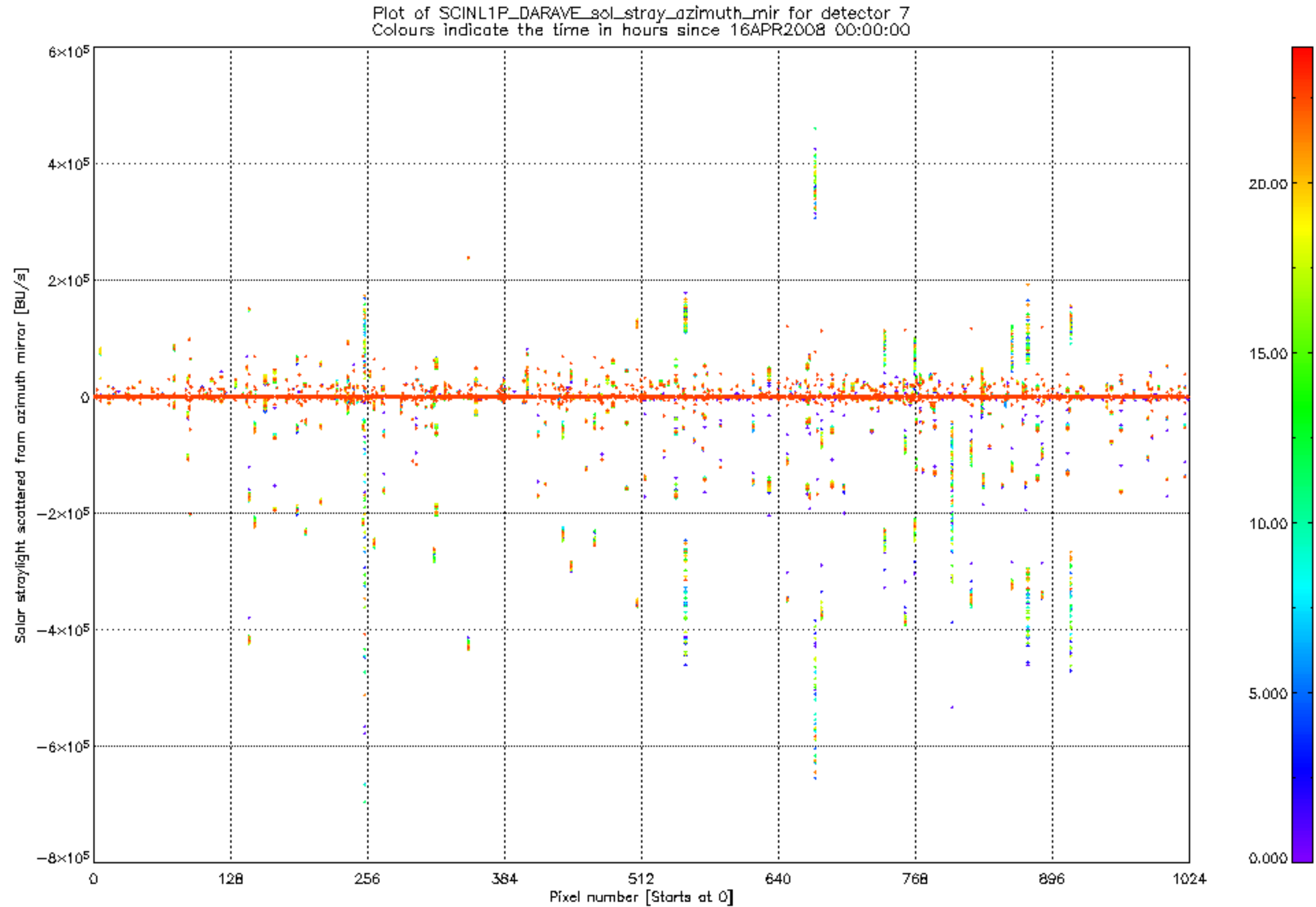


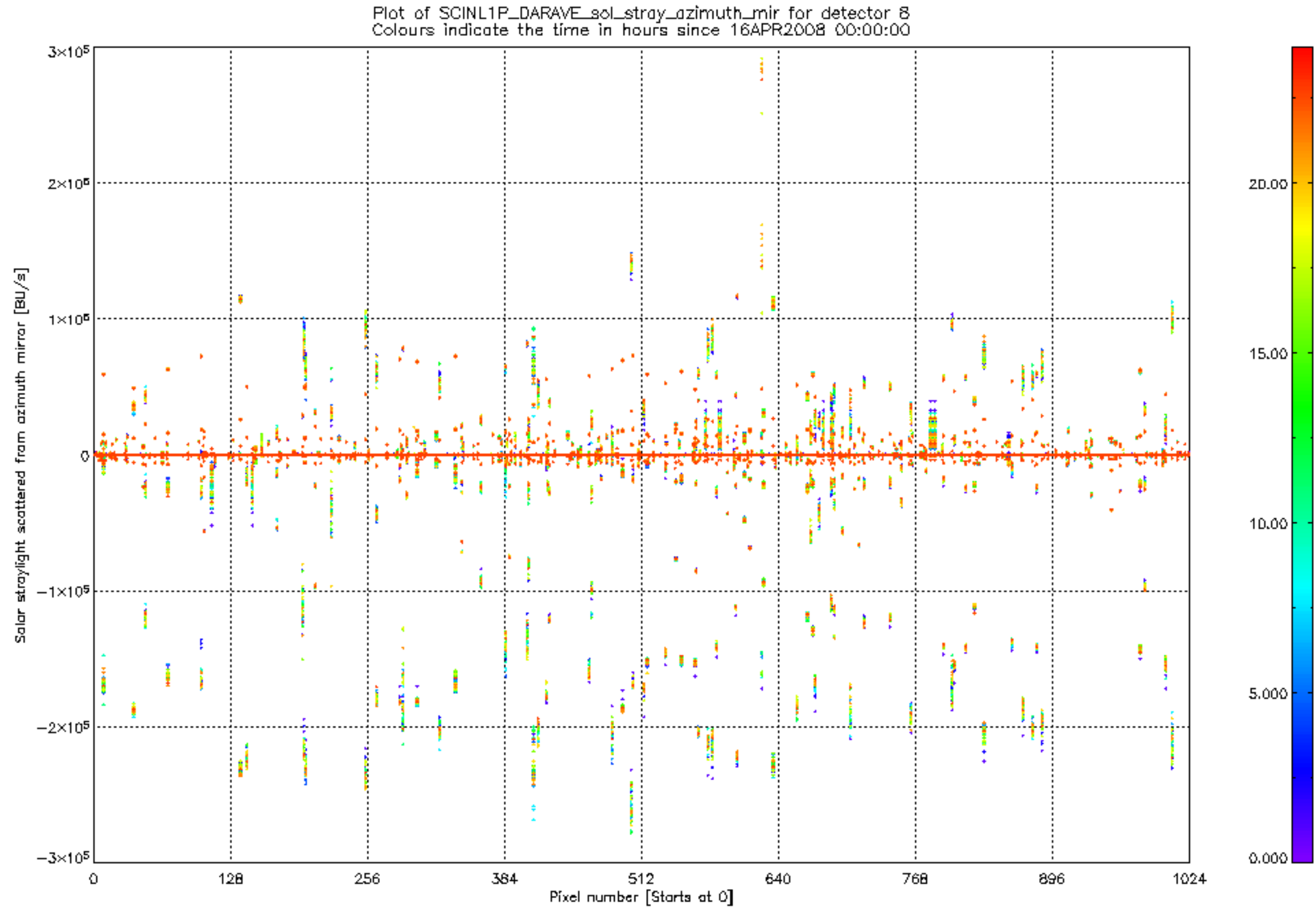




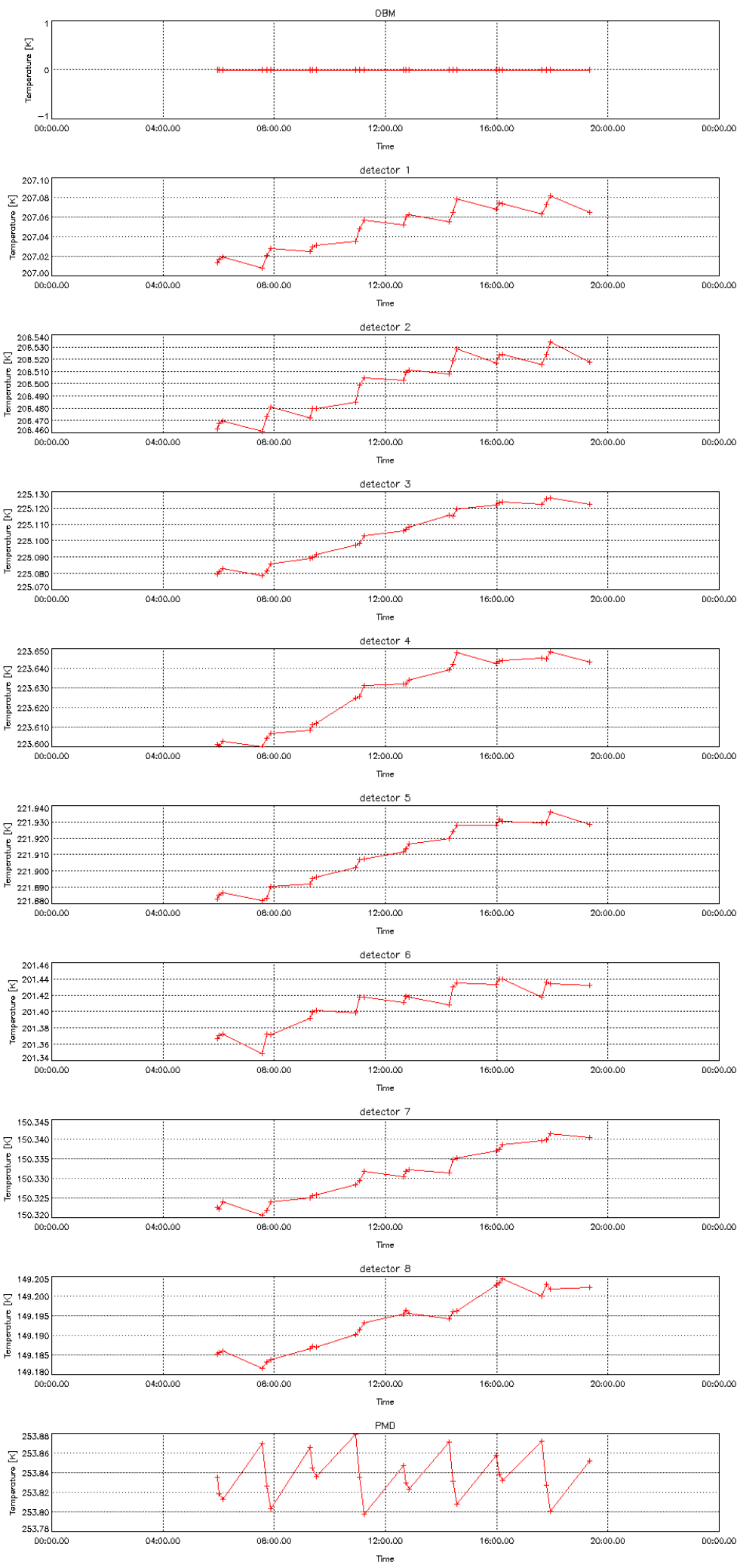




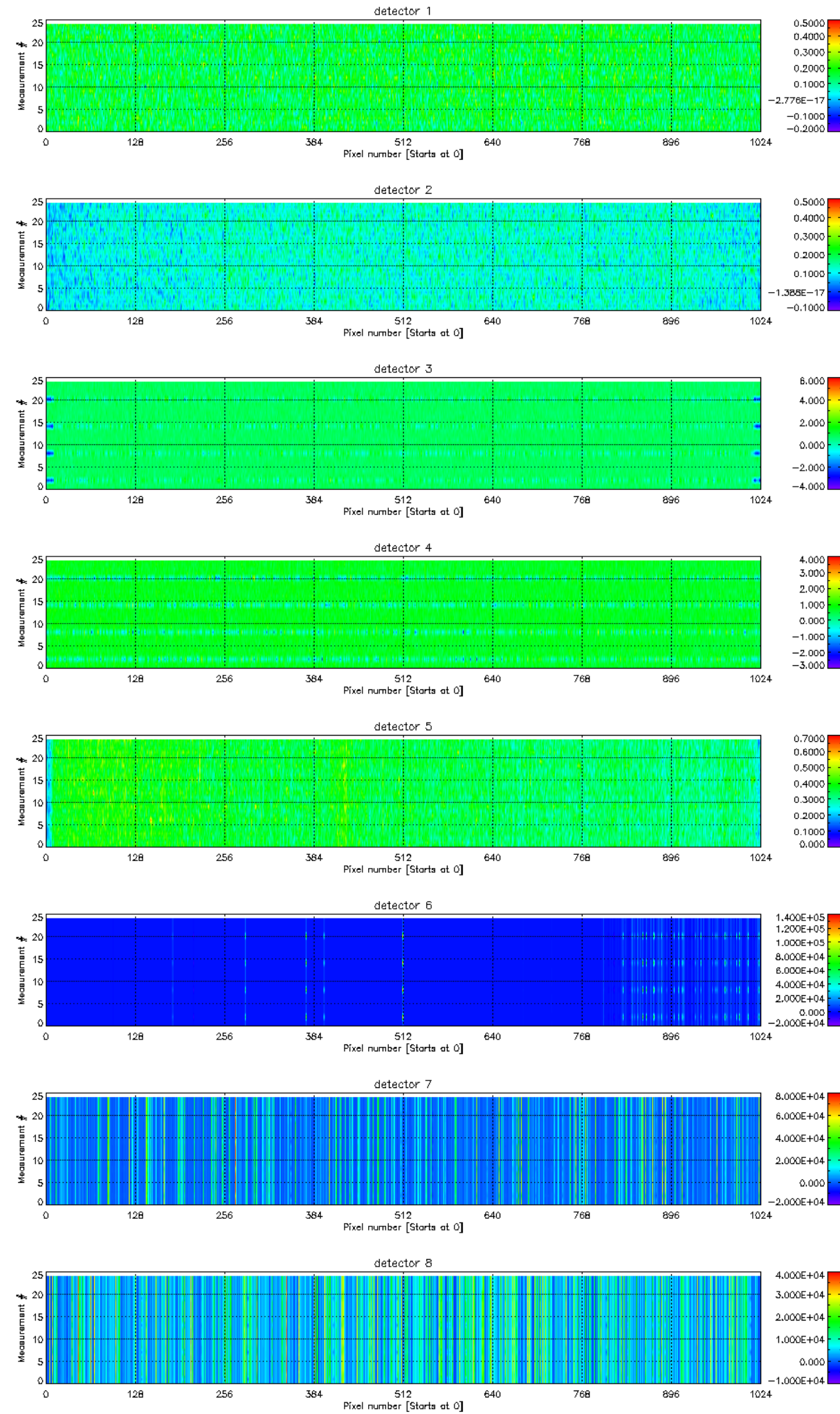




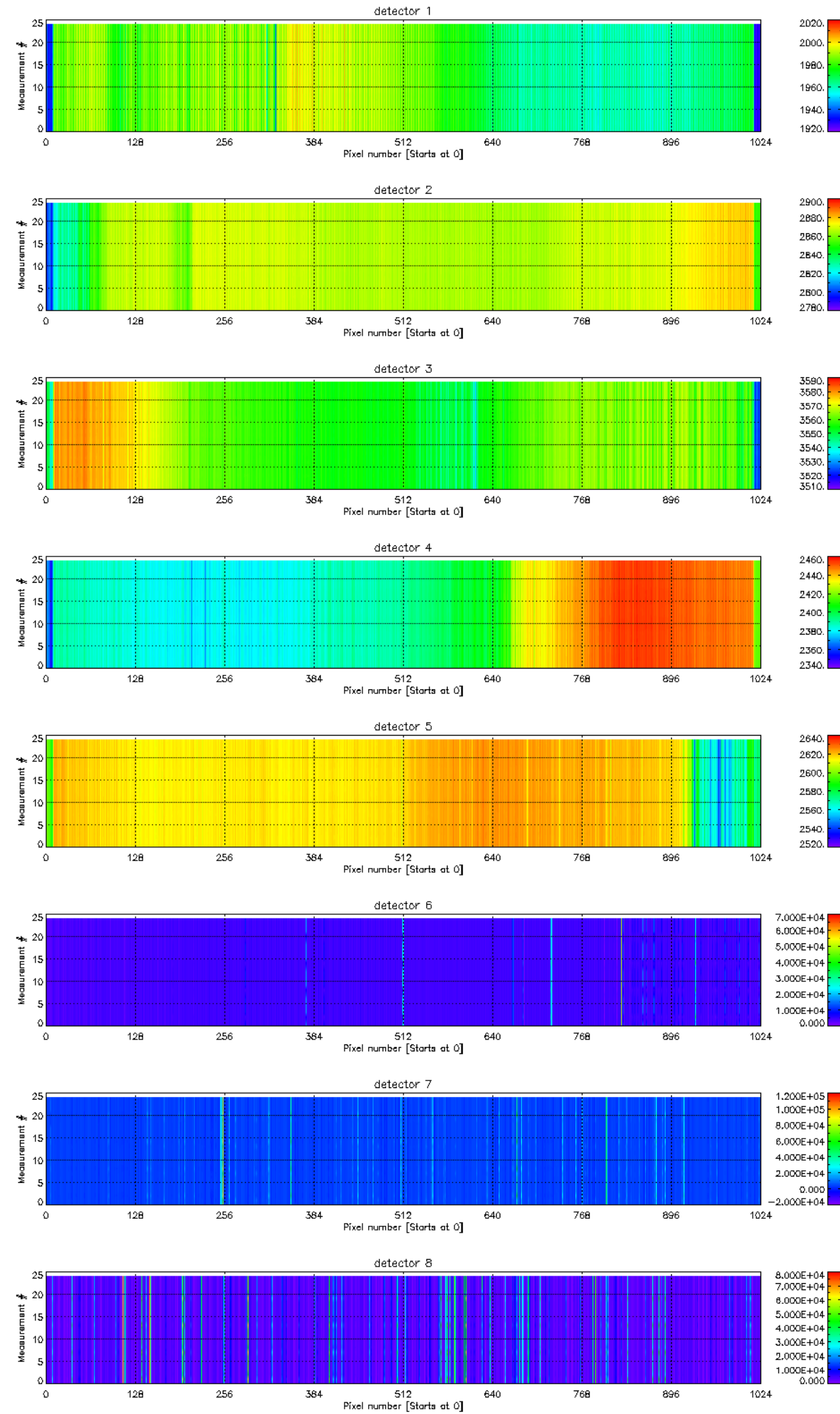
Plots of SCINL1P_NEWLEA_obm_det_prnd temperatures vs time on 16APR2008.



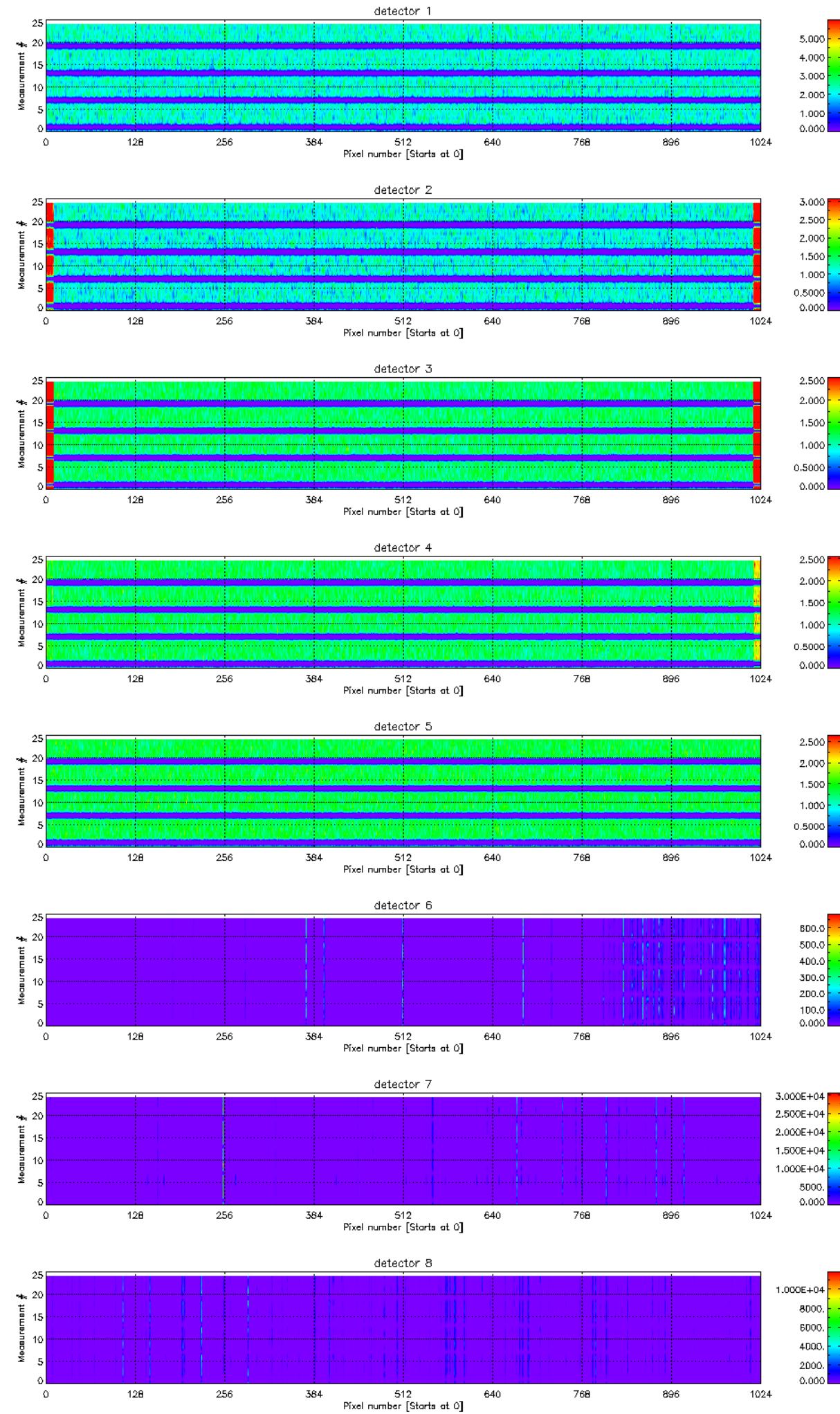
Plots of SCINL1P_NEWLEA_leak_cur for various detectors on 16APR2008.
Colours indicate the value in BU/s.



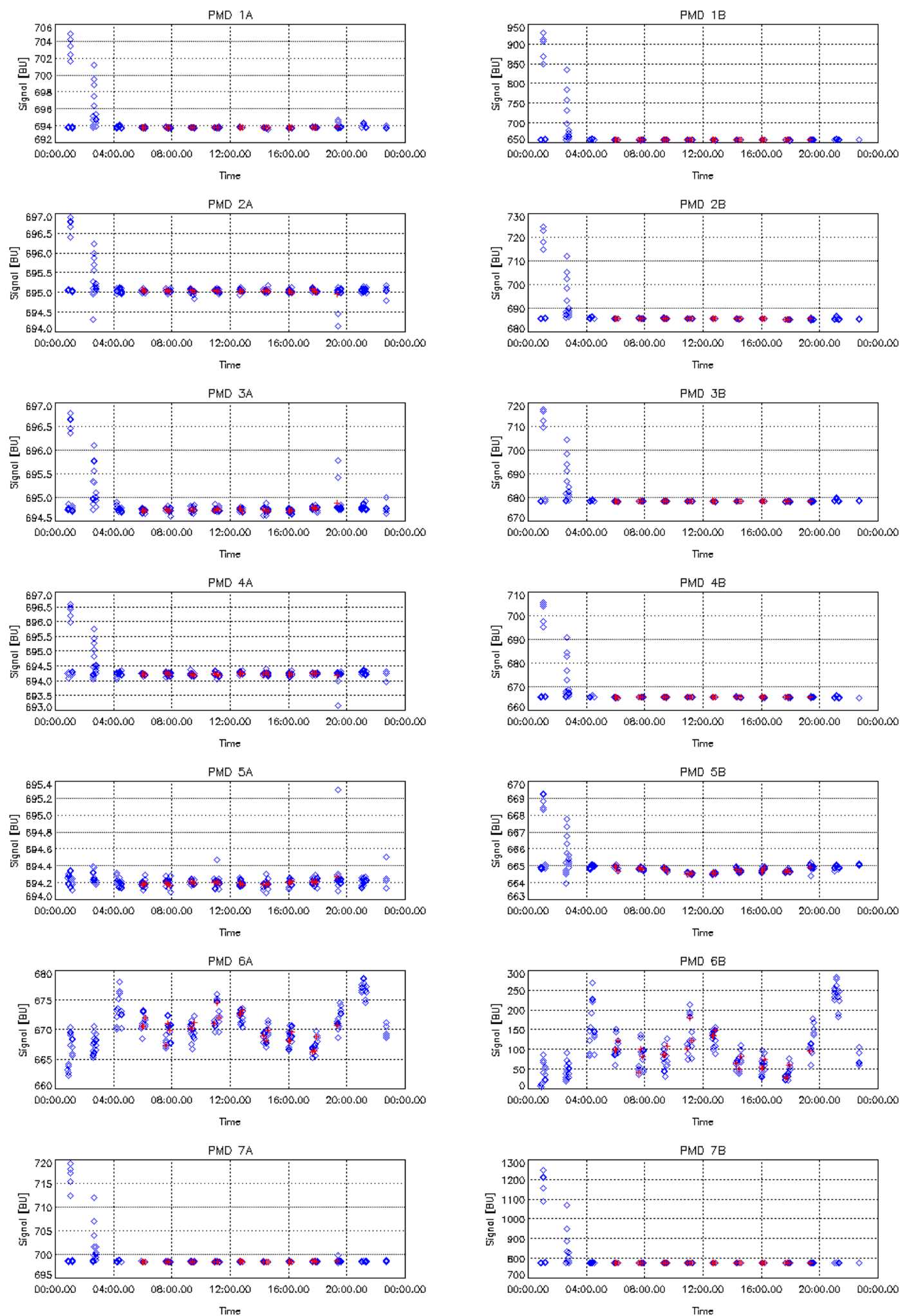
Plots of SCINL1P_NEWLEA_fpn for various detectors on 16APR2008.
Colours indicate the value in BU.

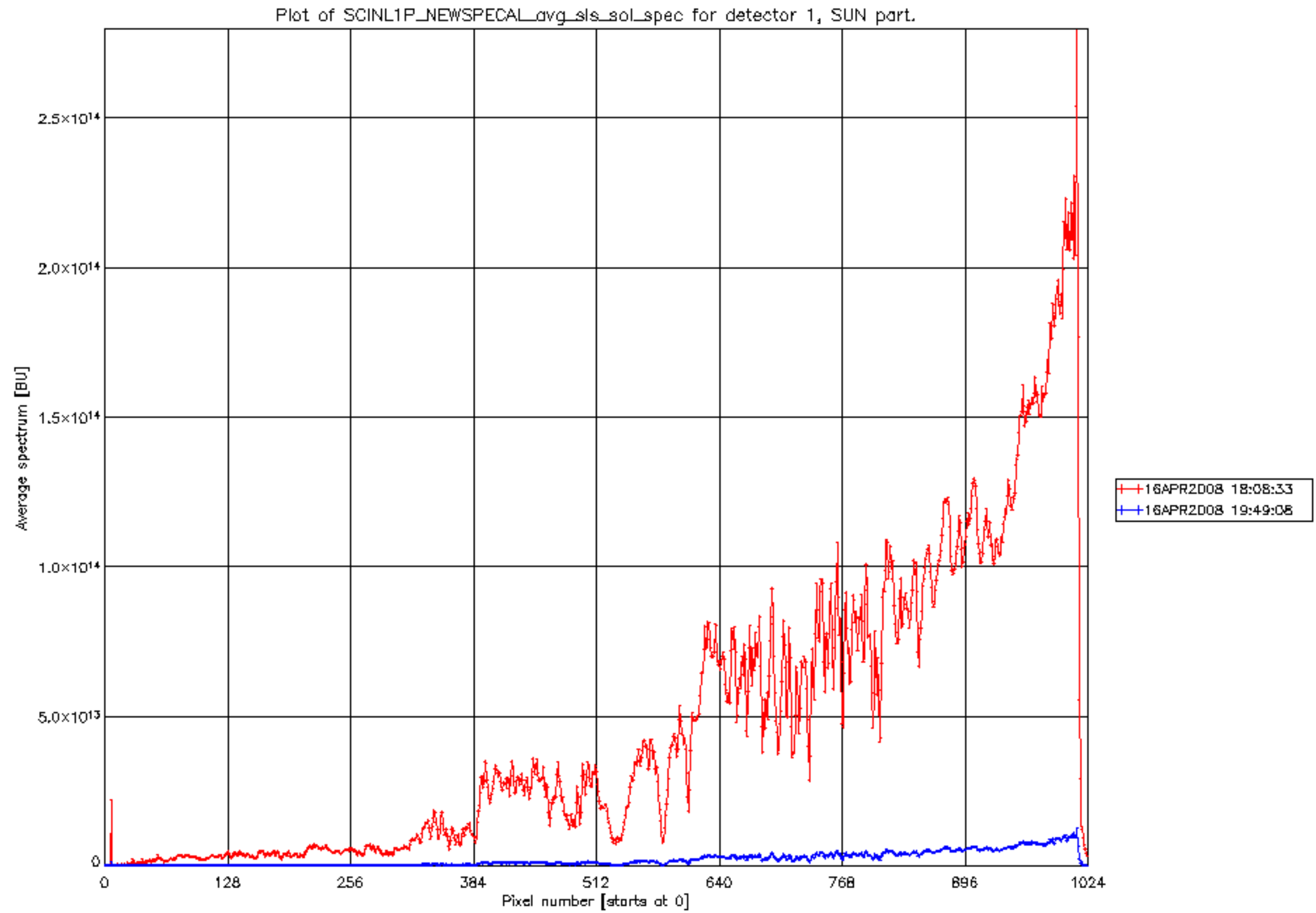


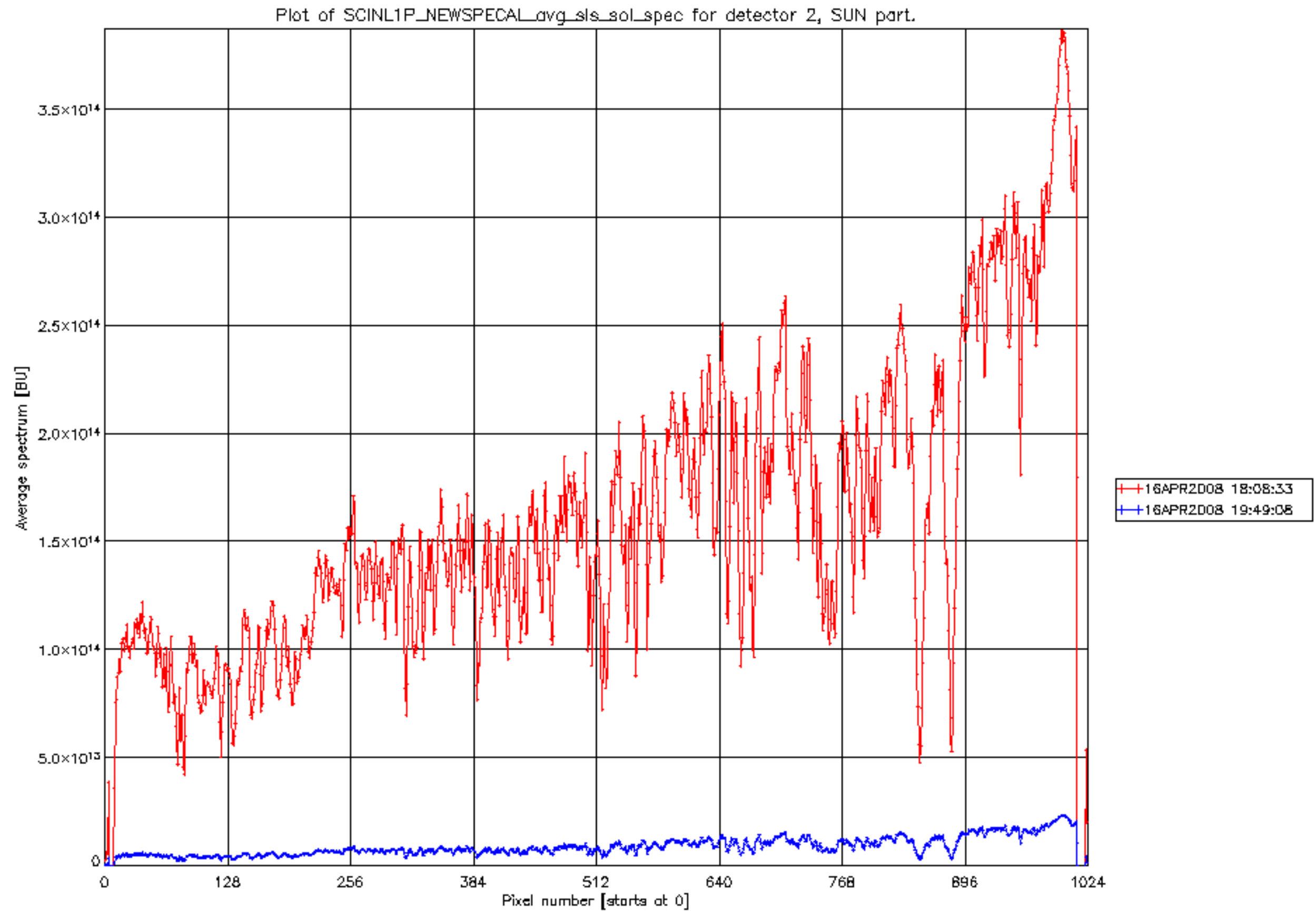
Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 16APR2008.
Colours indicate the value in BU.

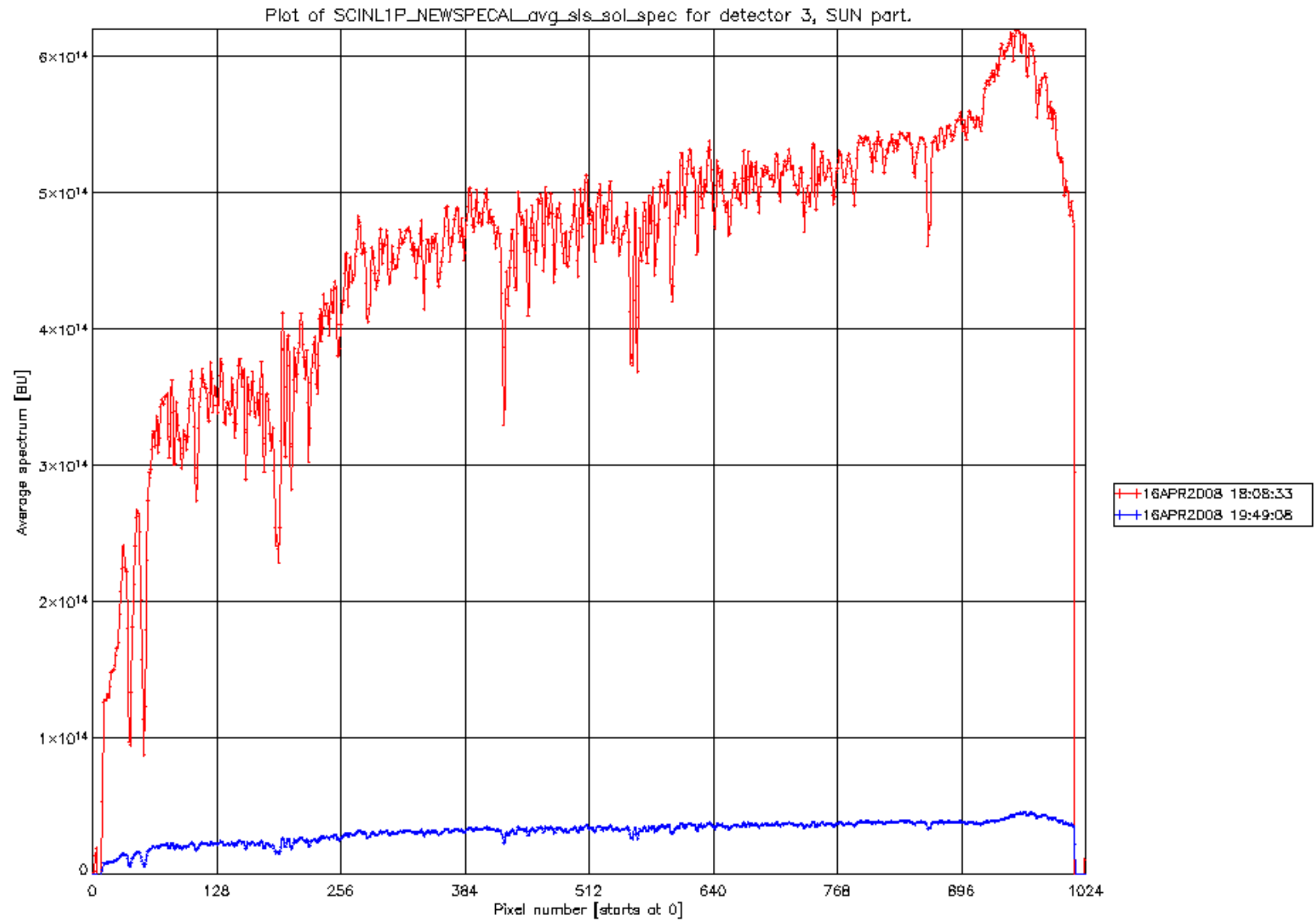


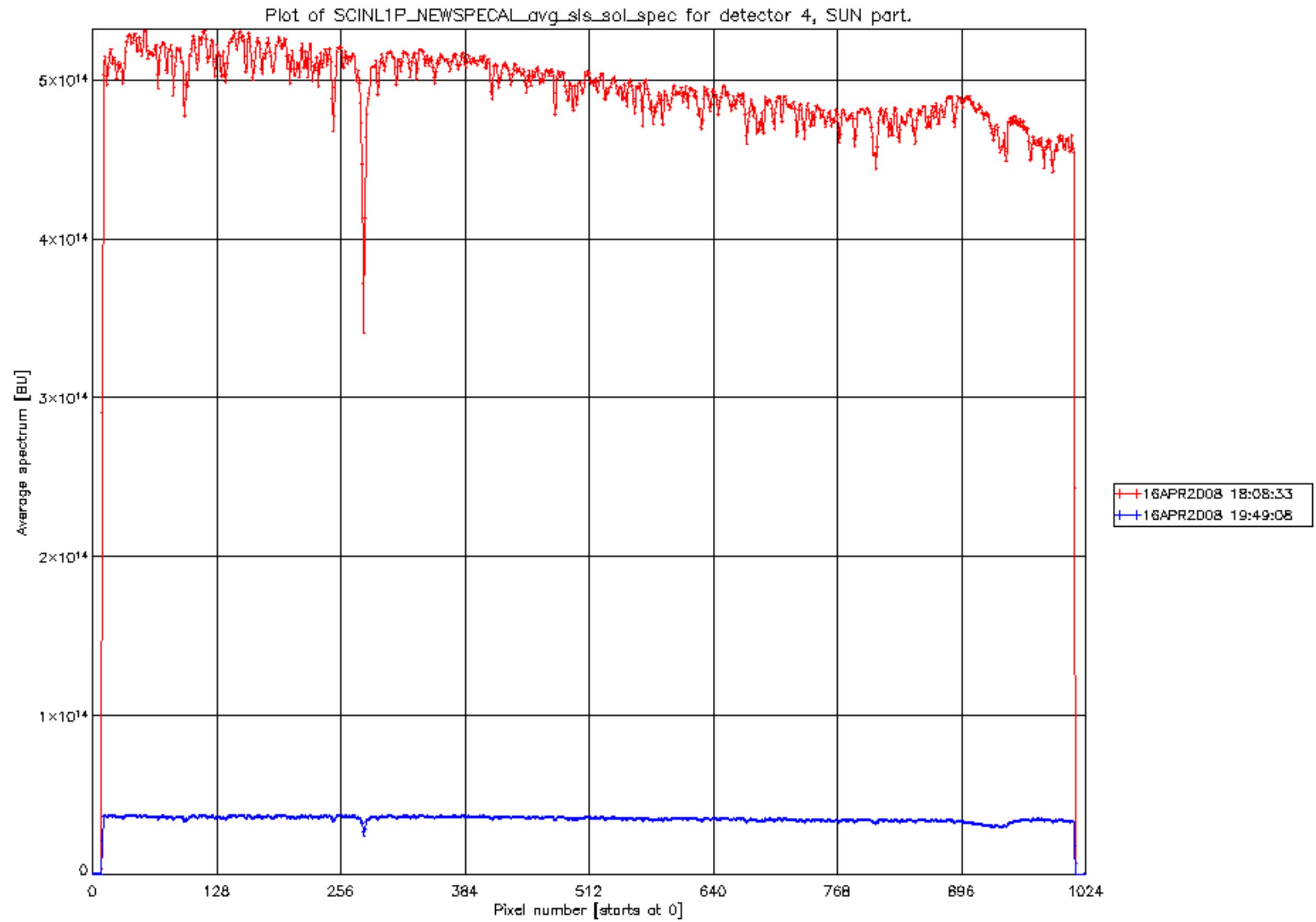
Plots of SCINL1P_NEWLEA_pmd_off vs time on 16APR2008 (red).
Dark average pmd data is given in blue for comparison.

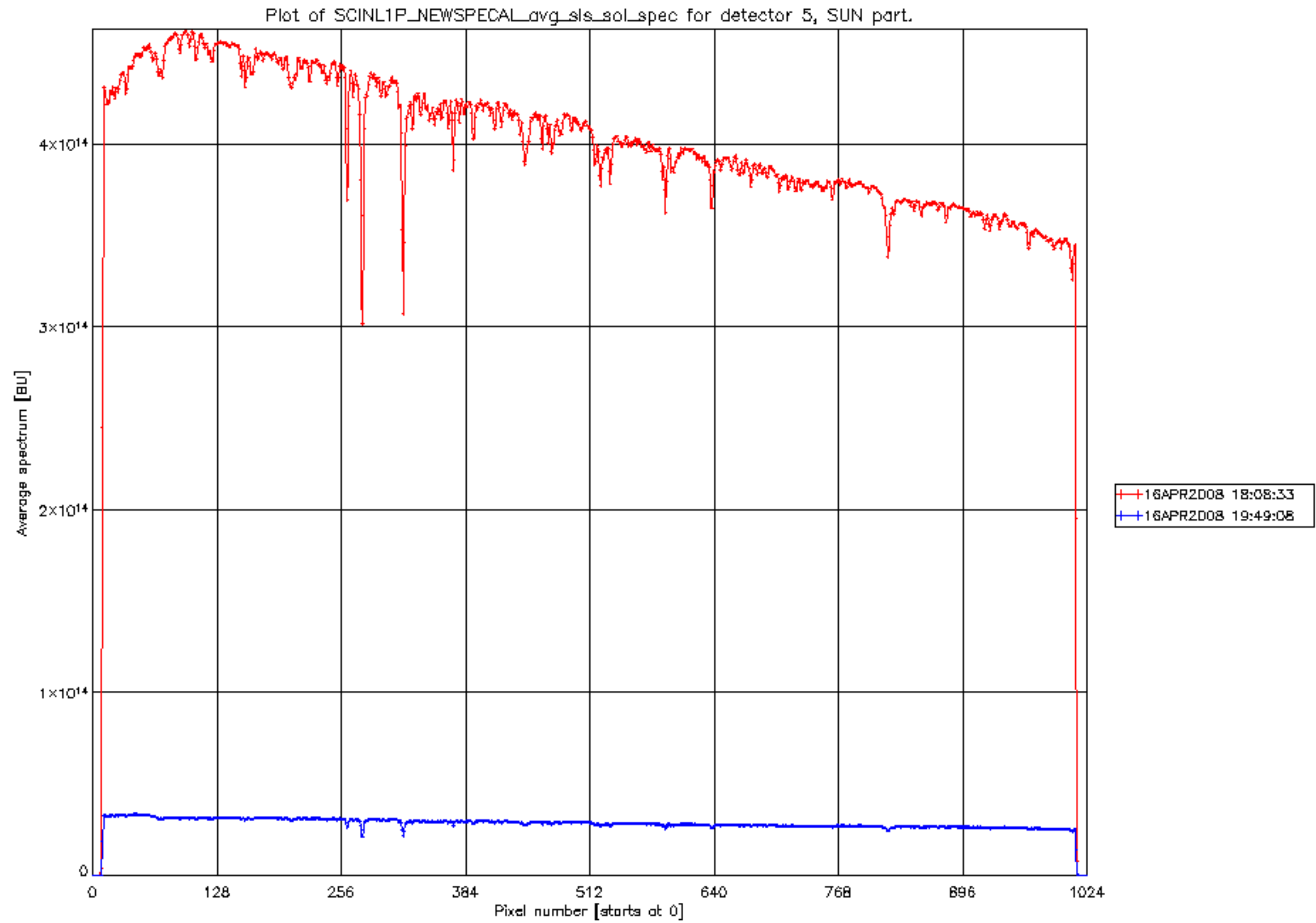


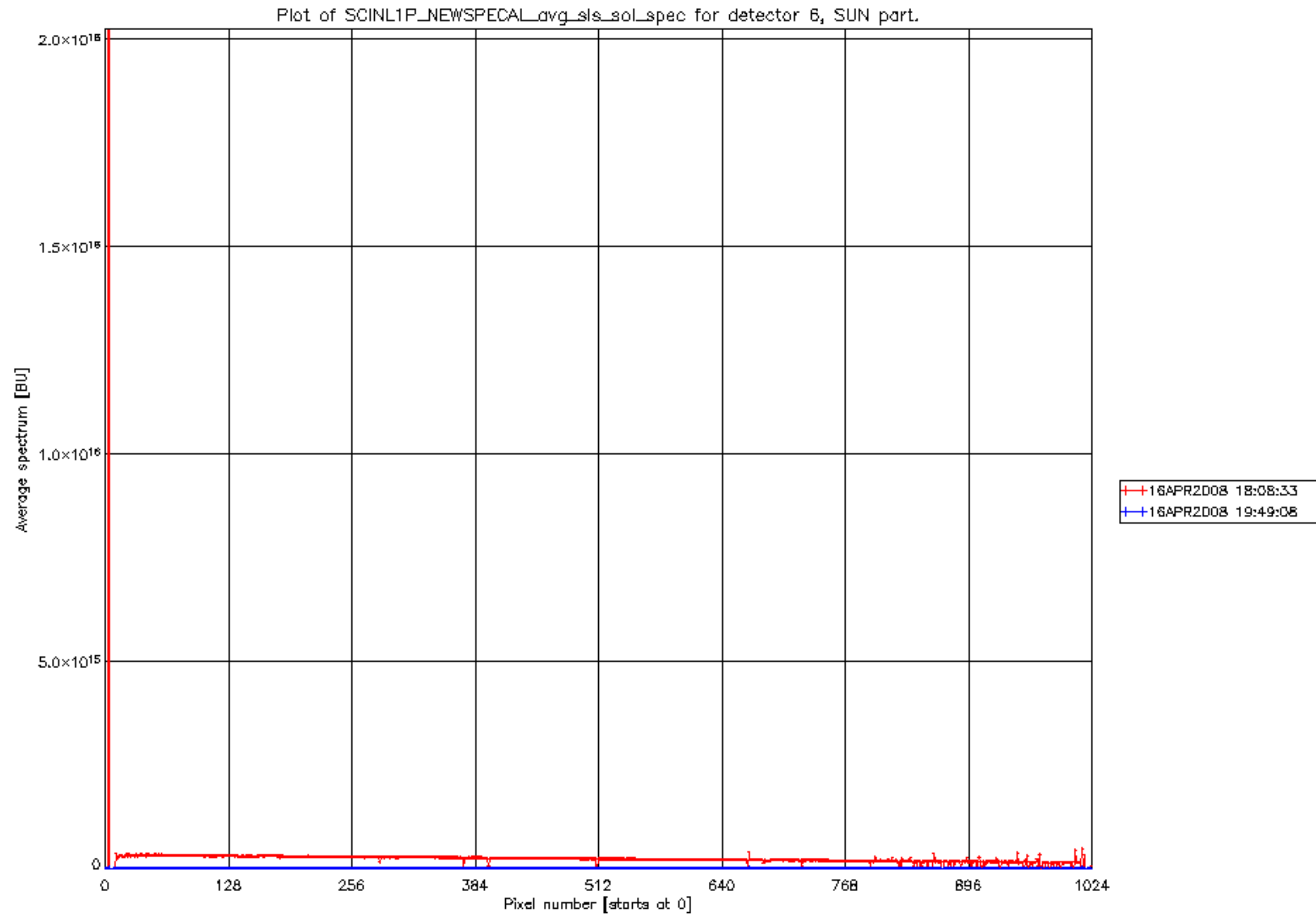


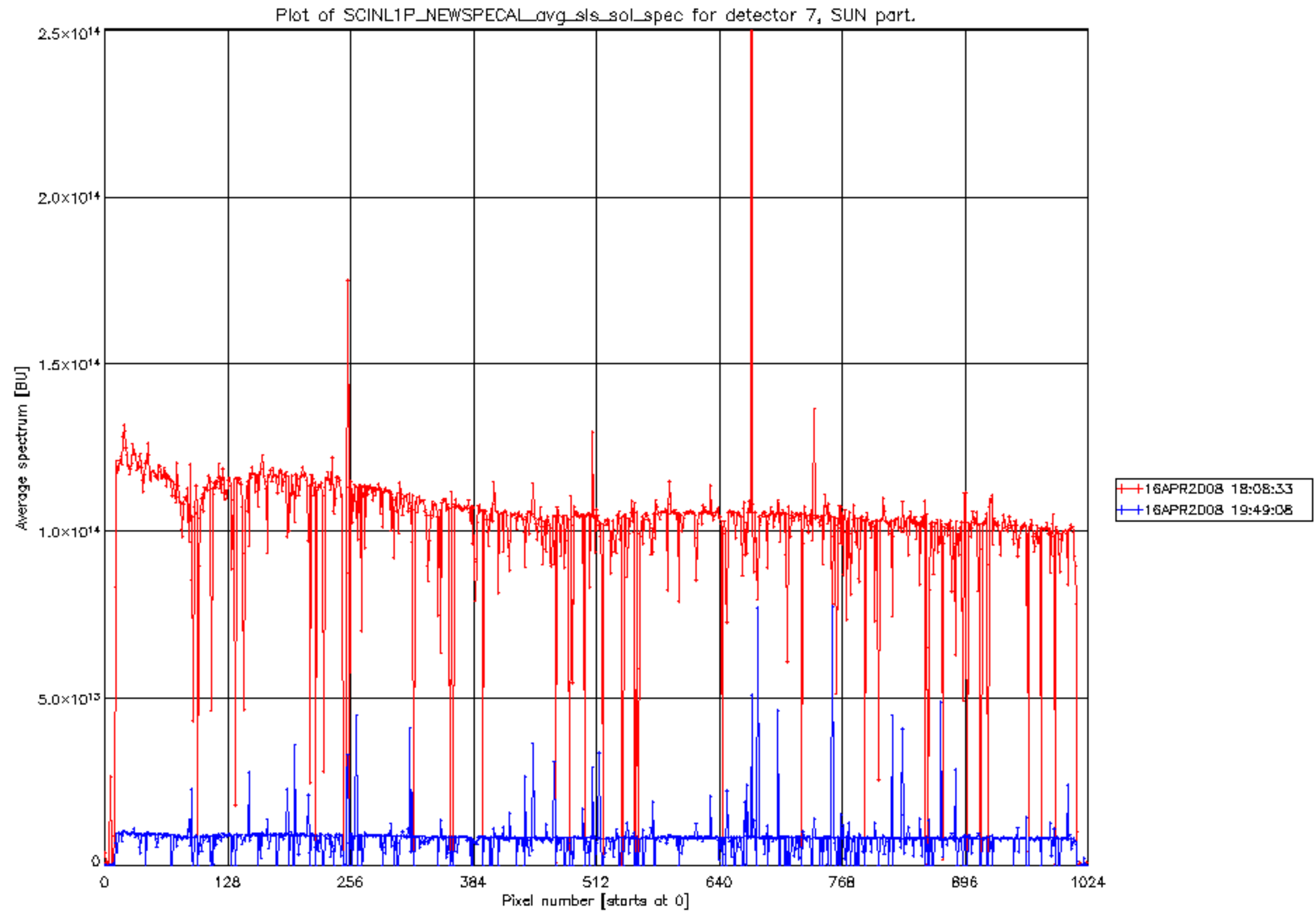


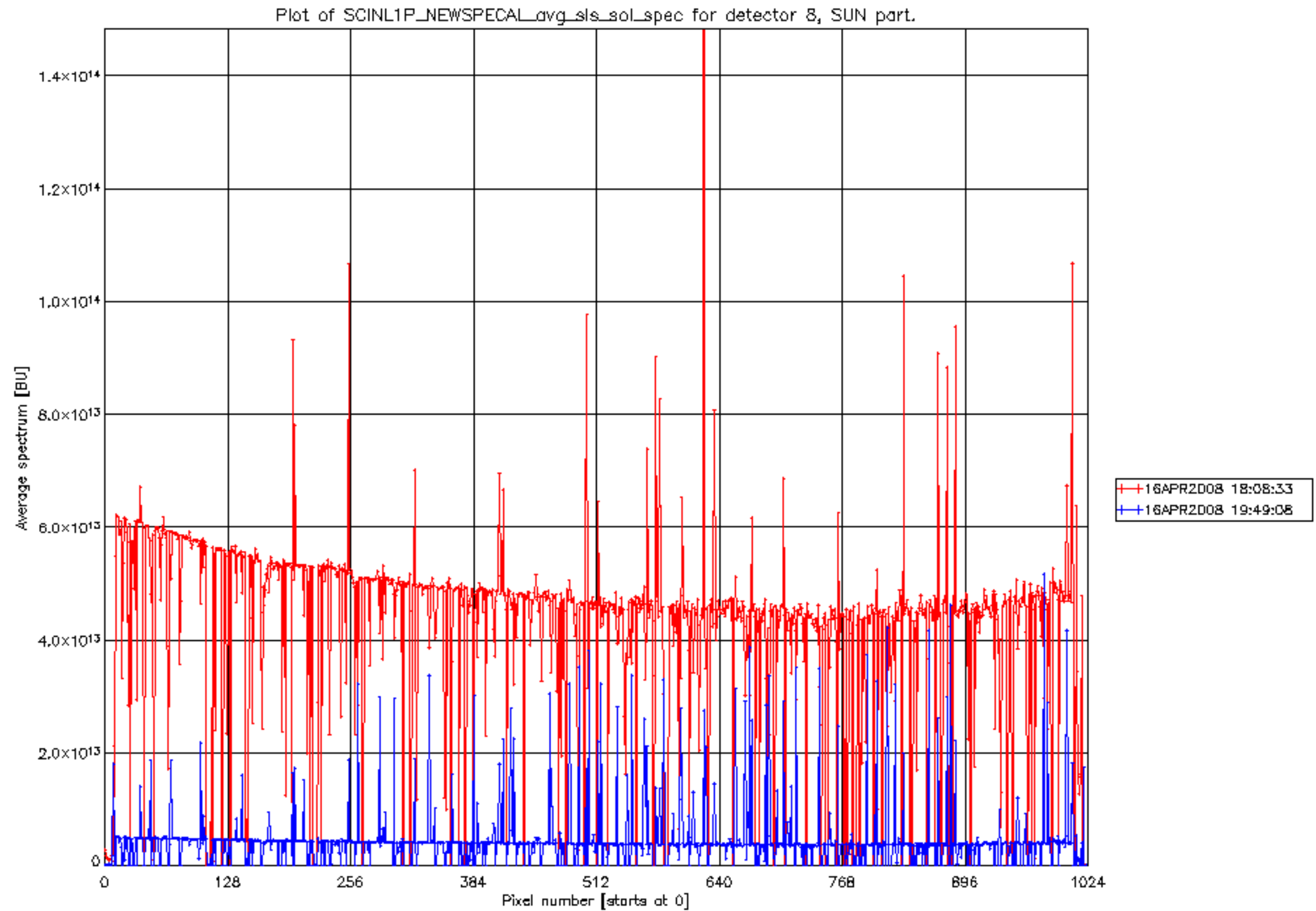


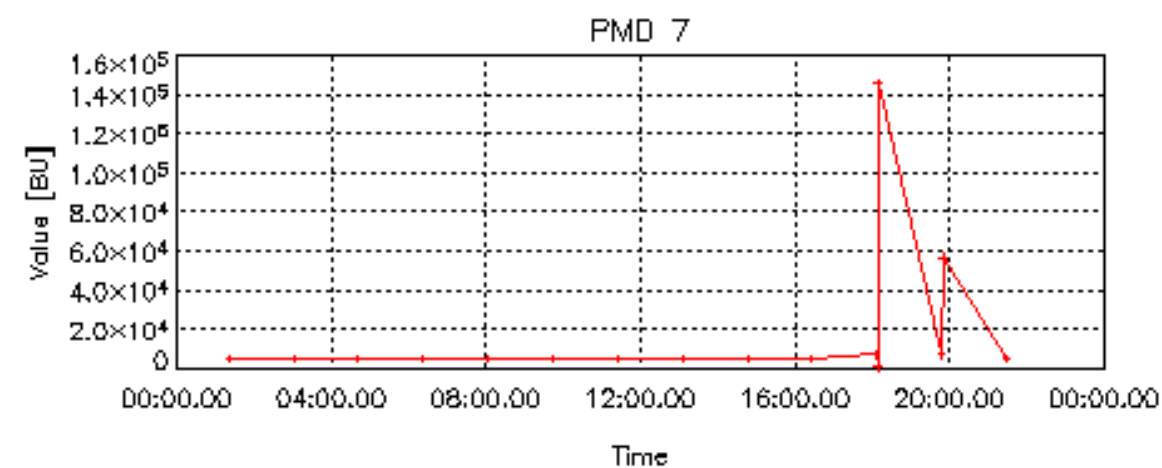
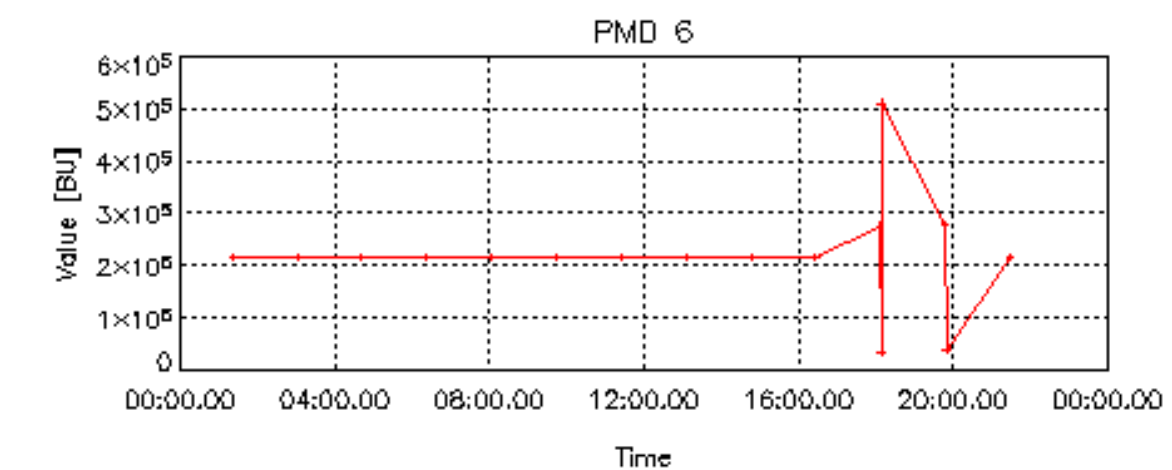
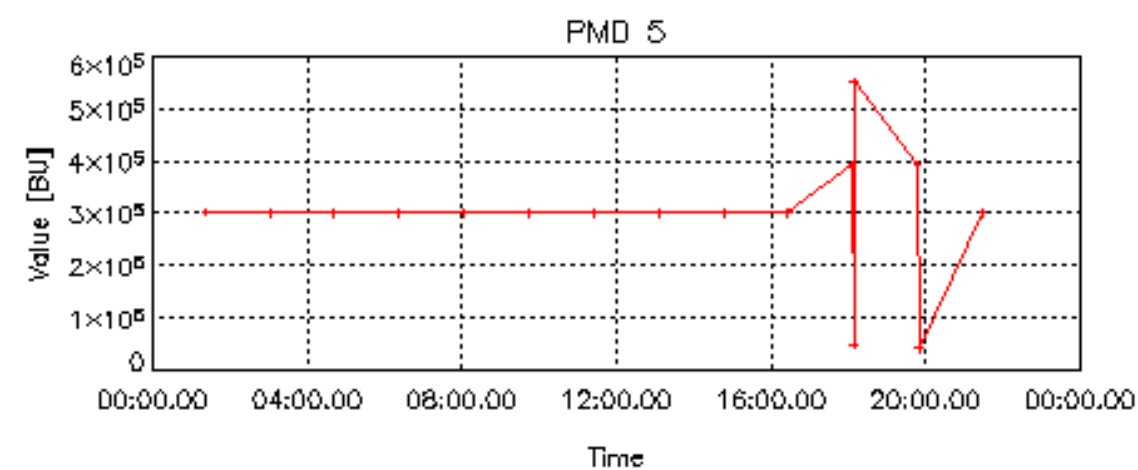
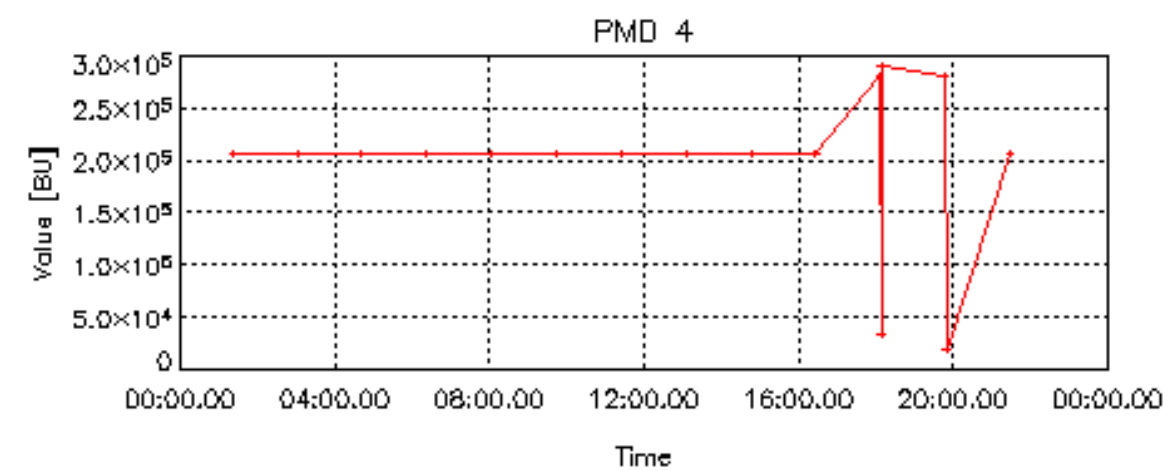
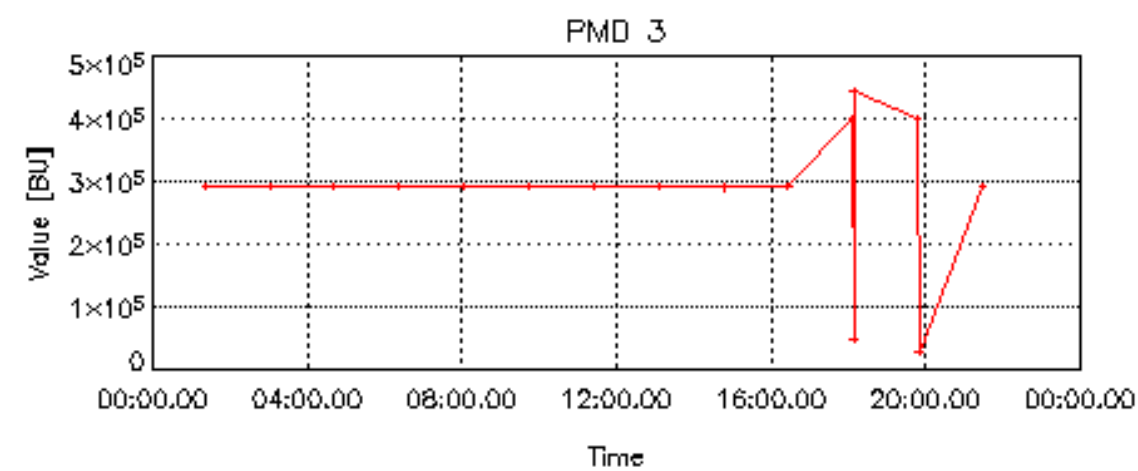
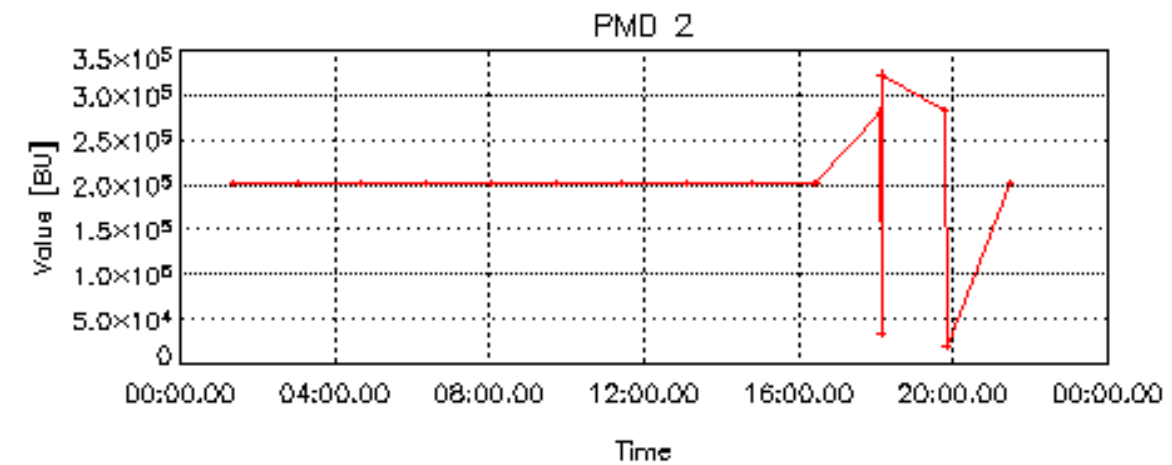
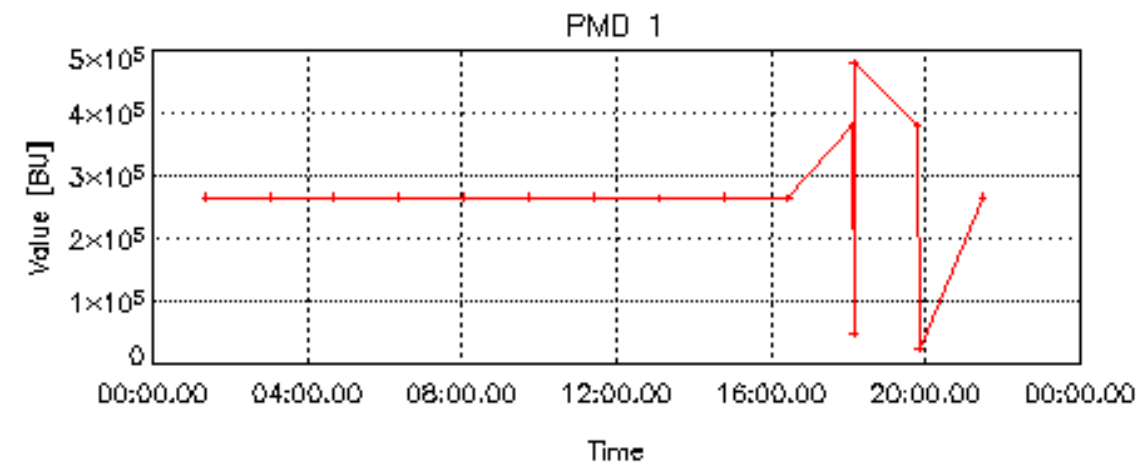


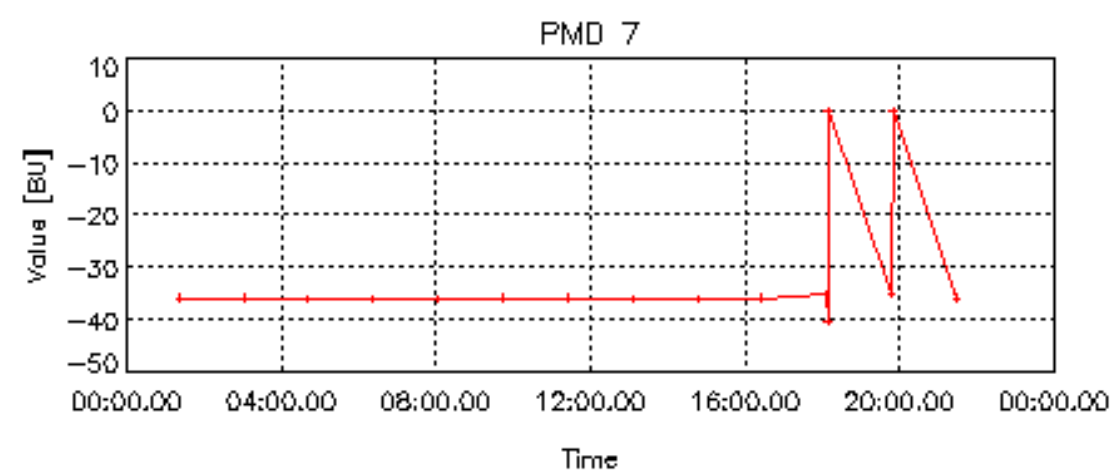
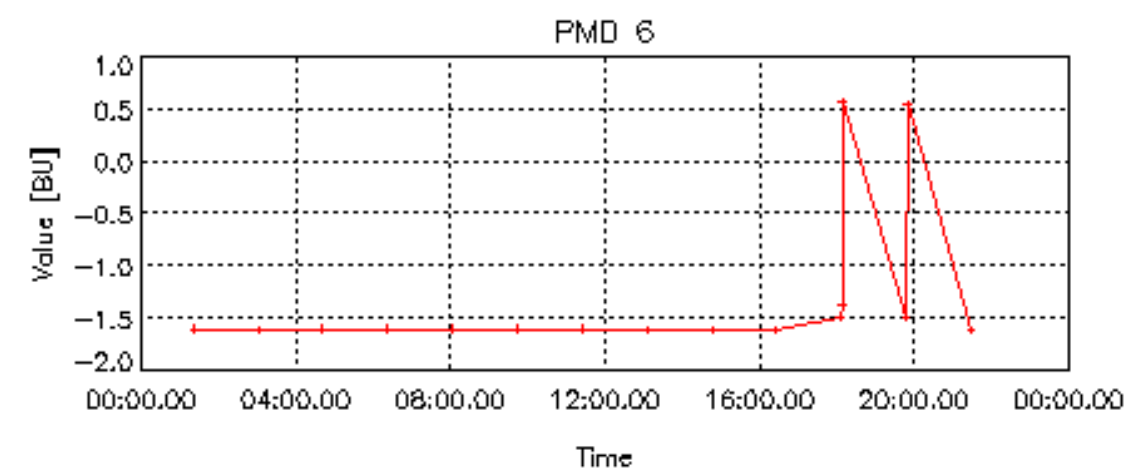
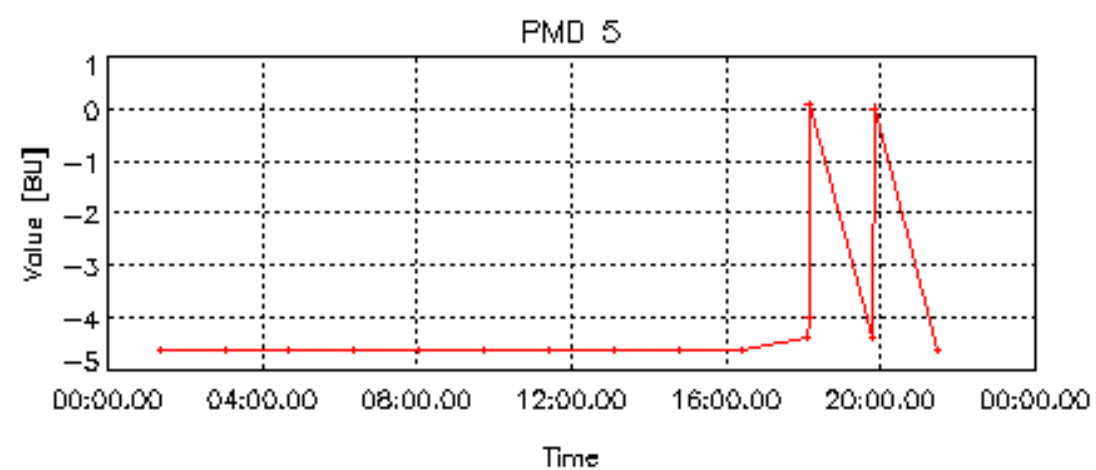
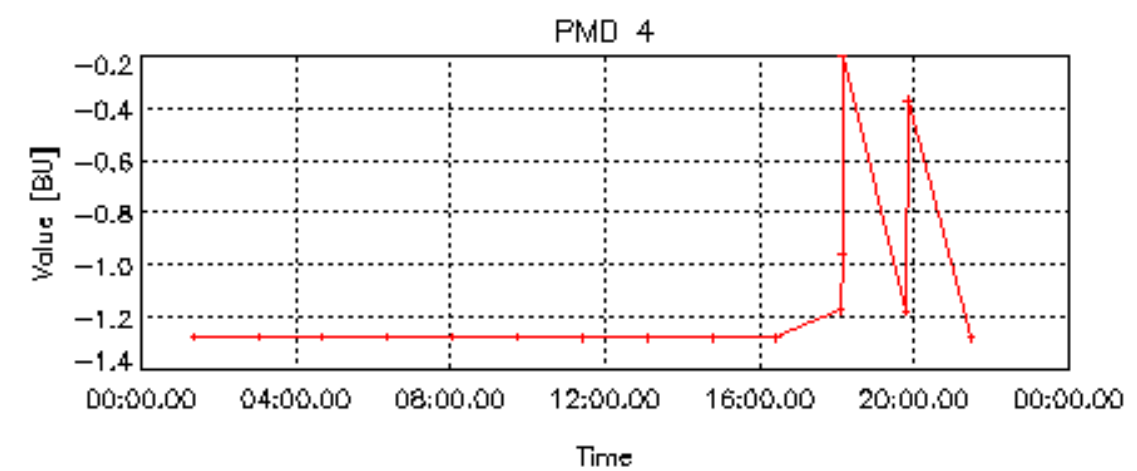
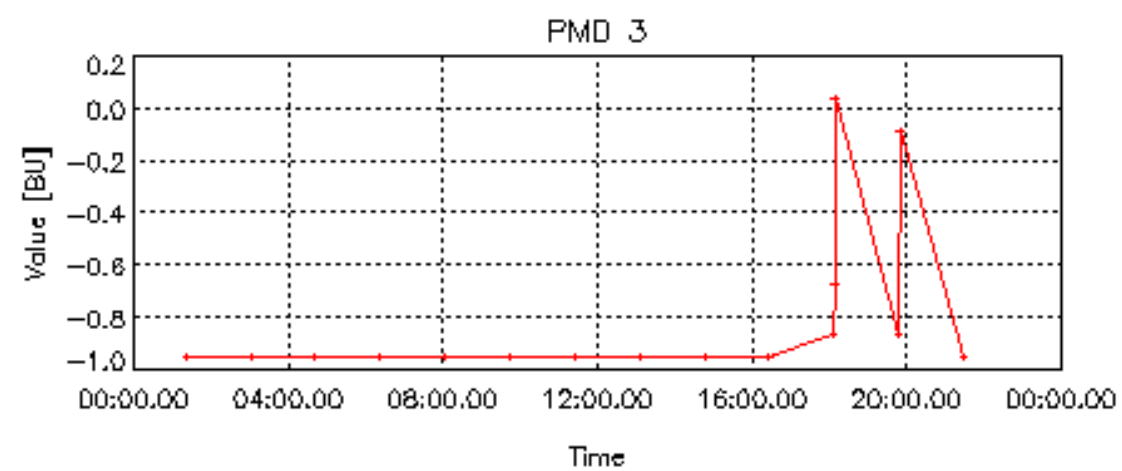
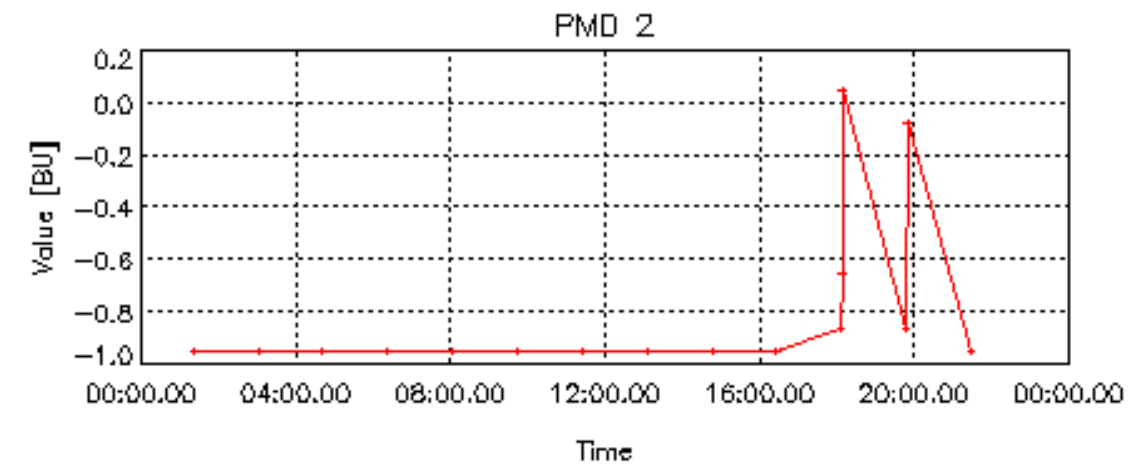
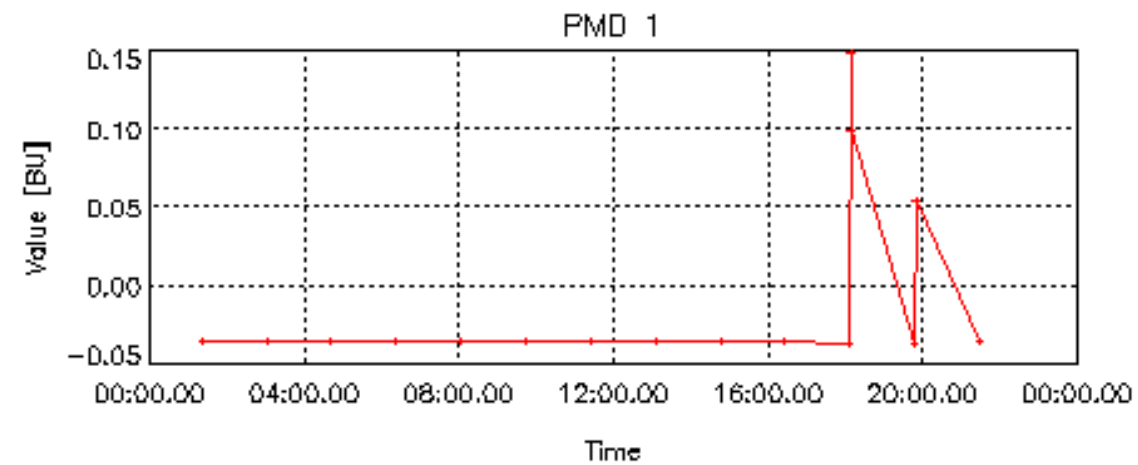


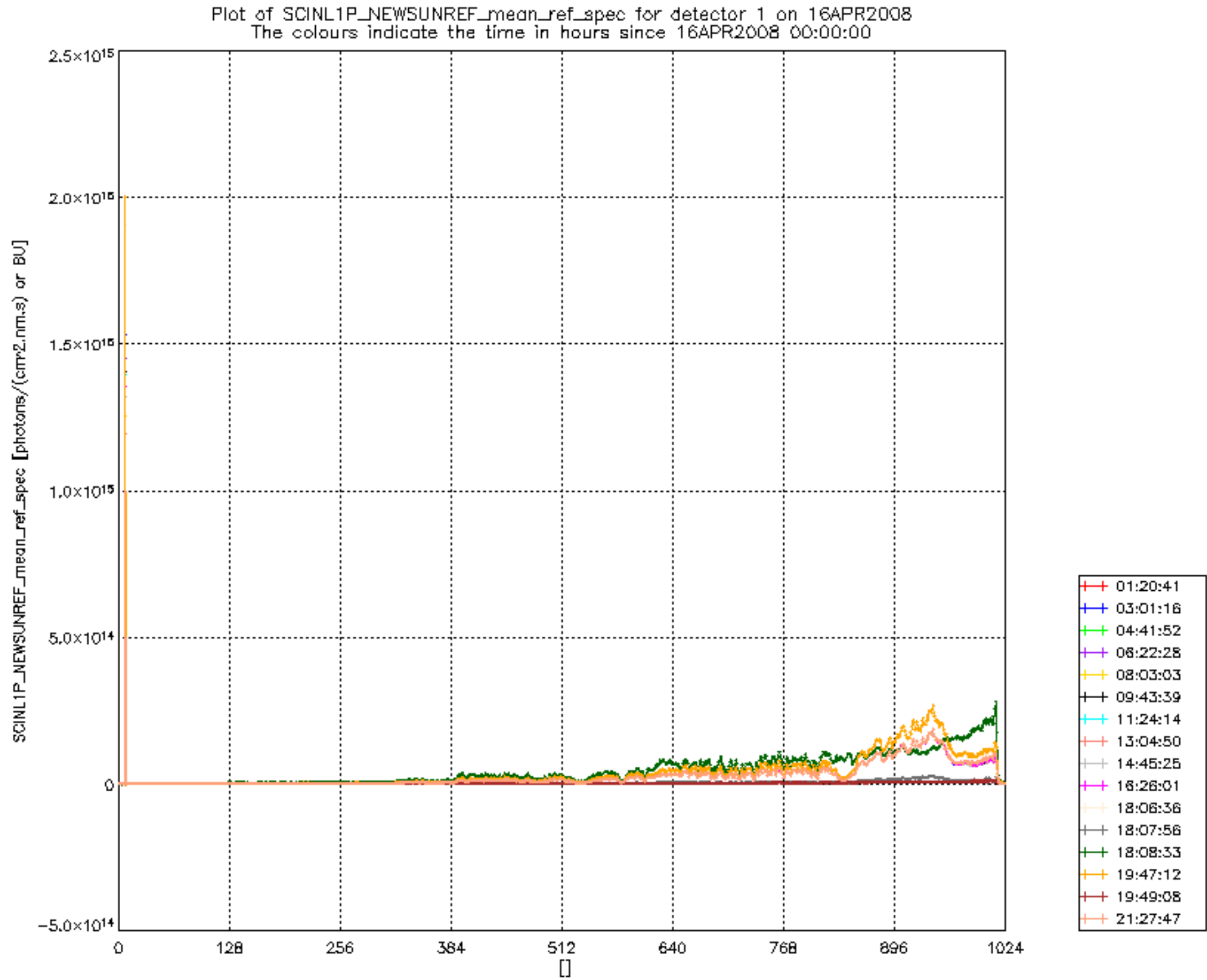




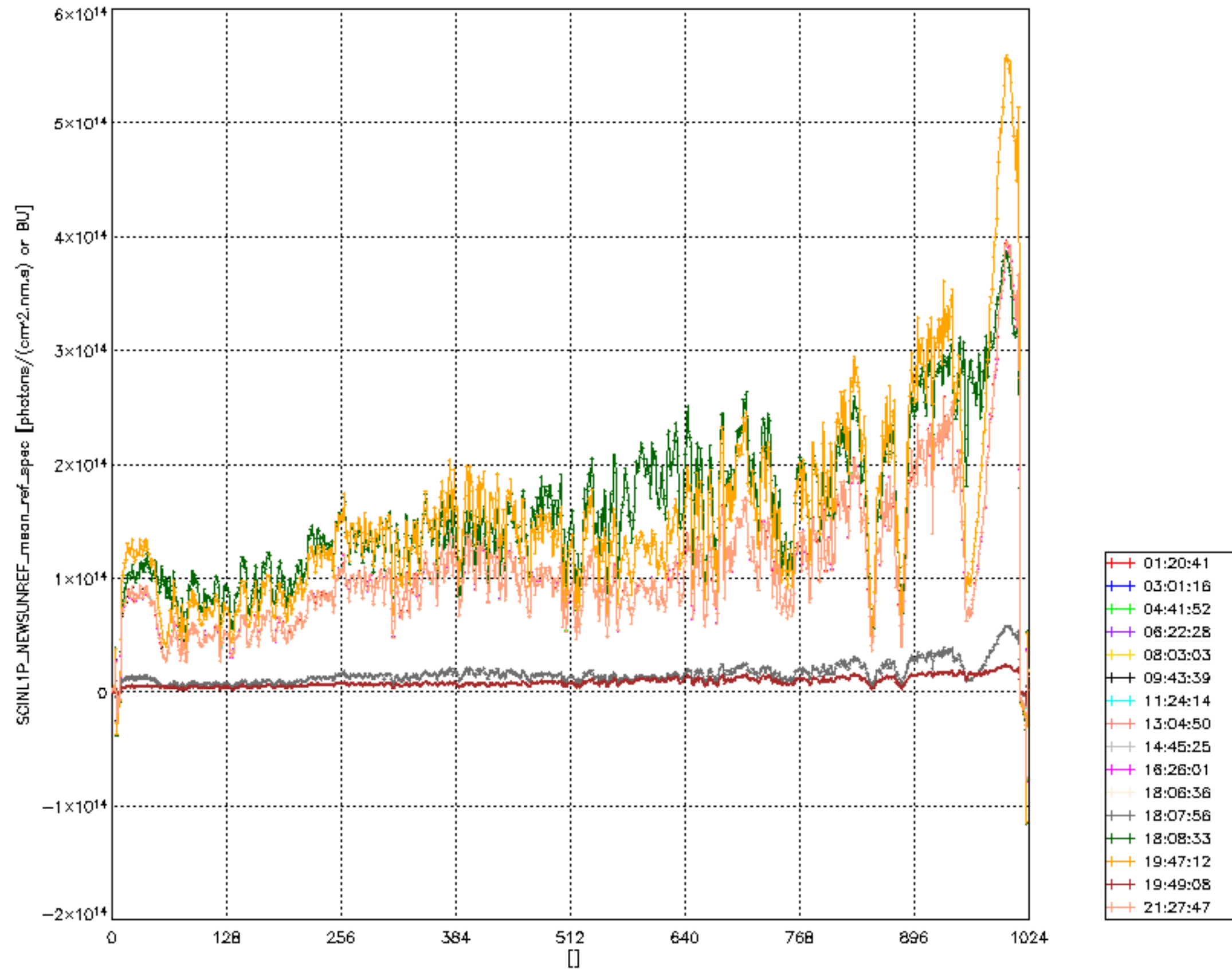


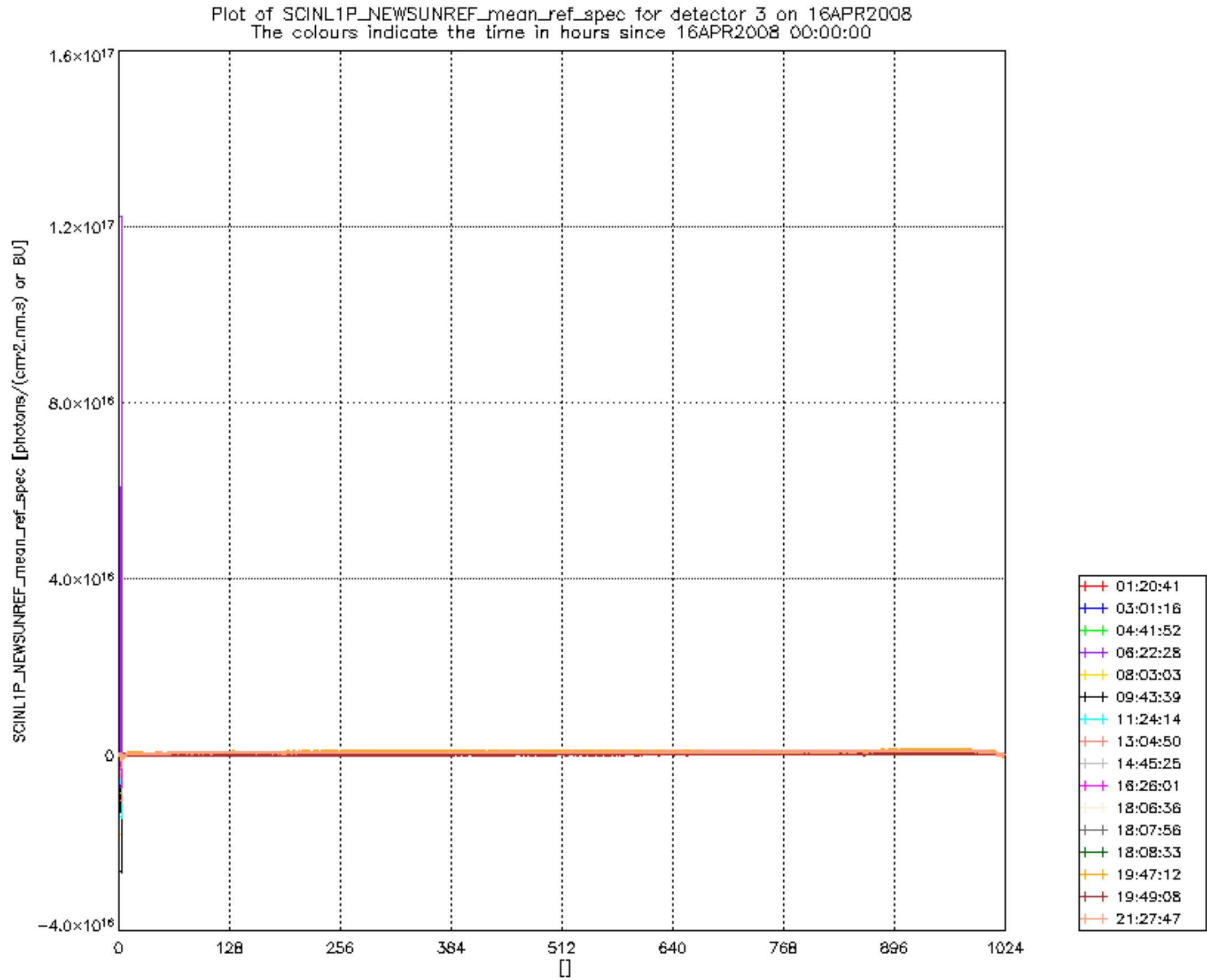




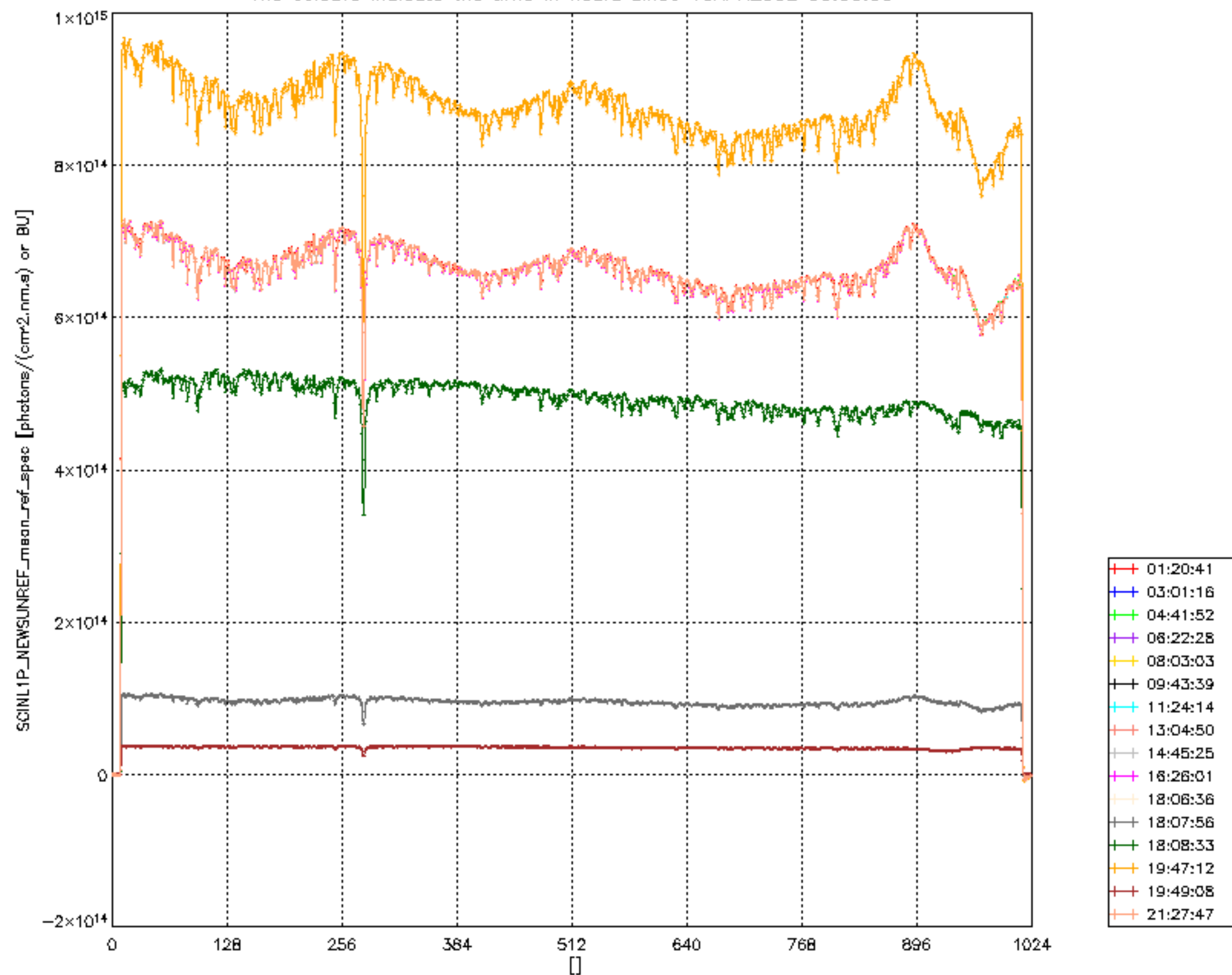


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 2 on 16APR2008
The colours indicate the time in hours since 16APR2008 00:00:00

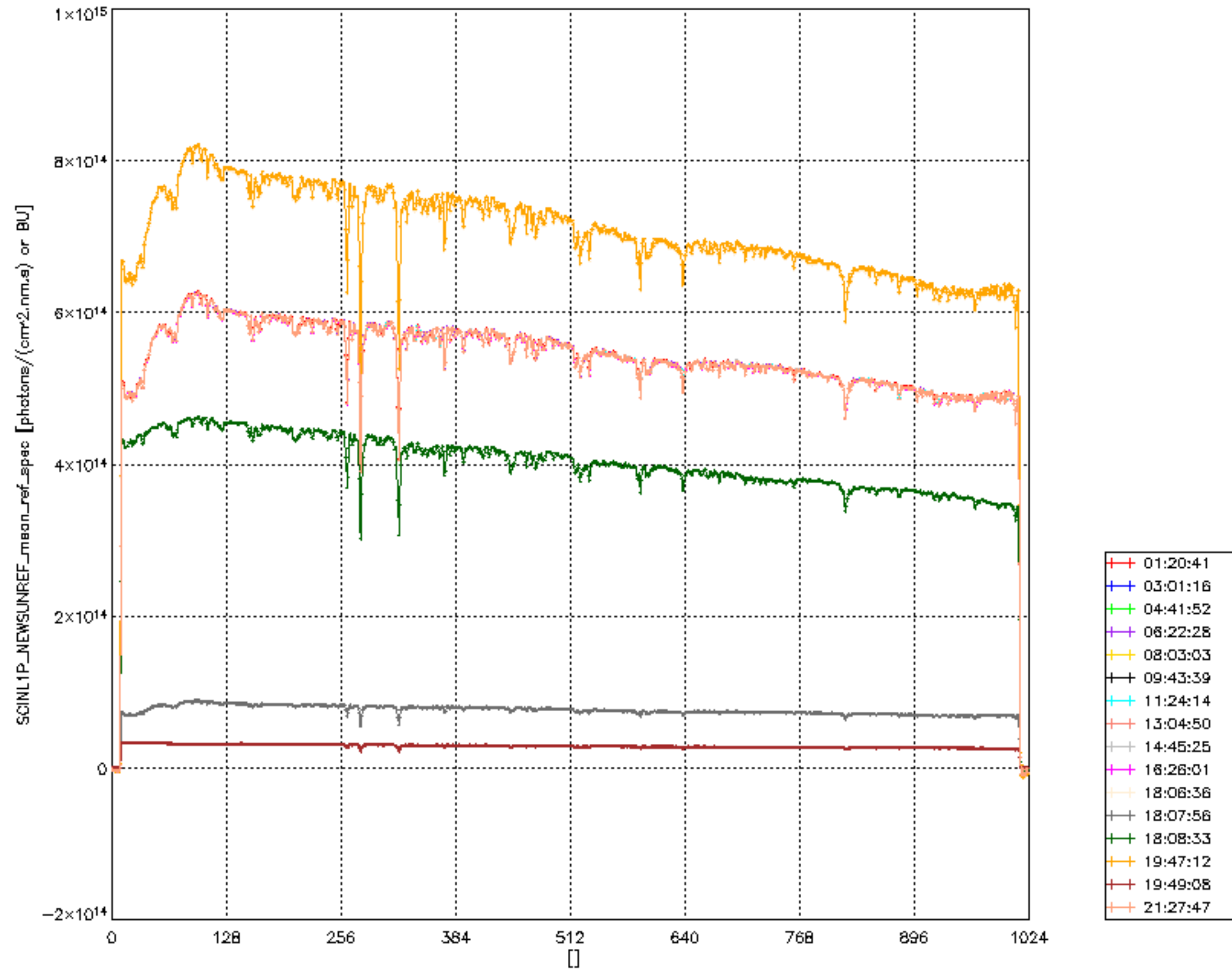


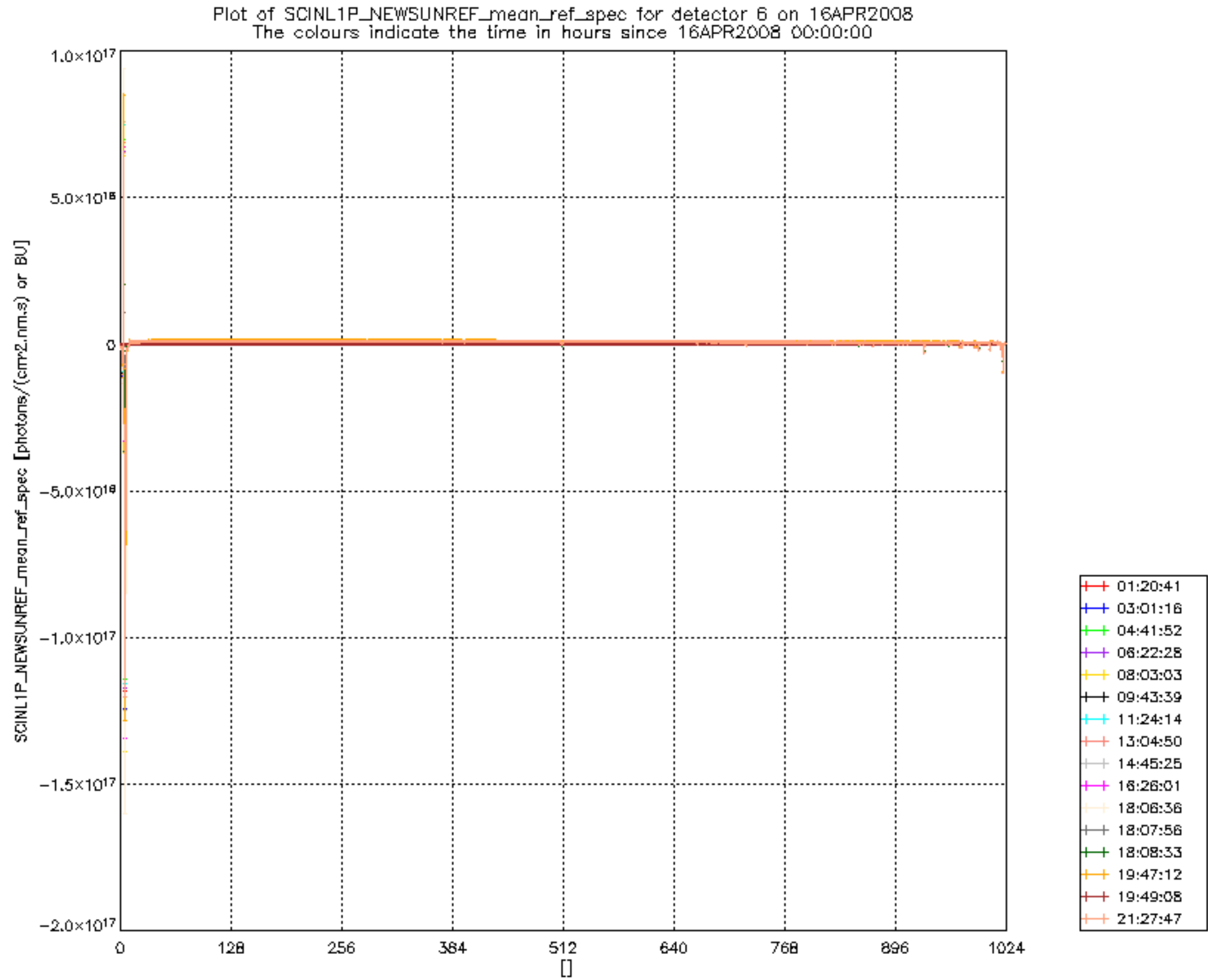


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 4 on 16APR2008
The colours indicate the time in hours since 16APR2008 00:00:00

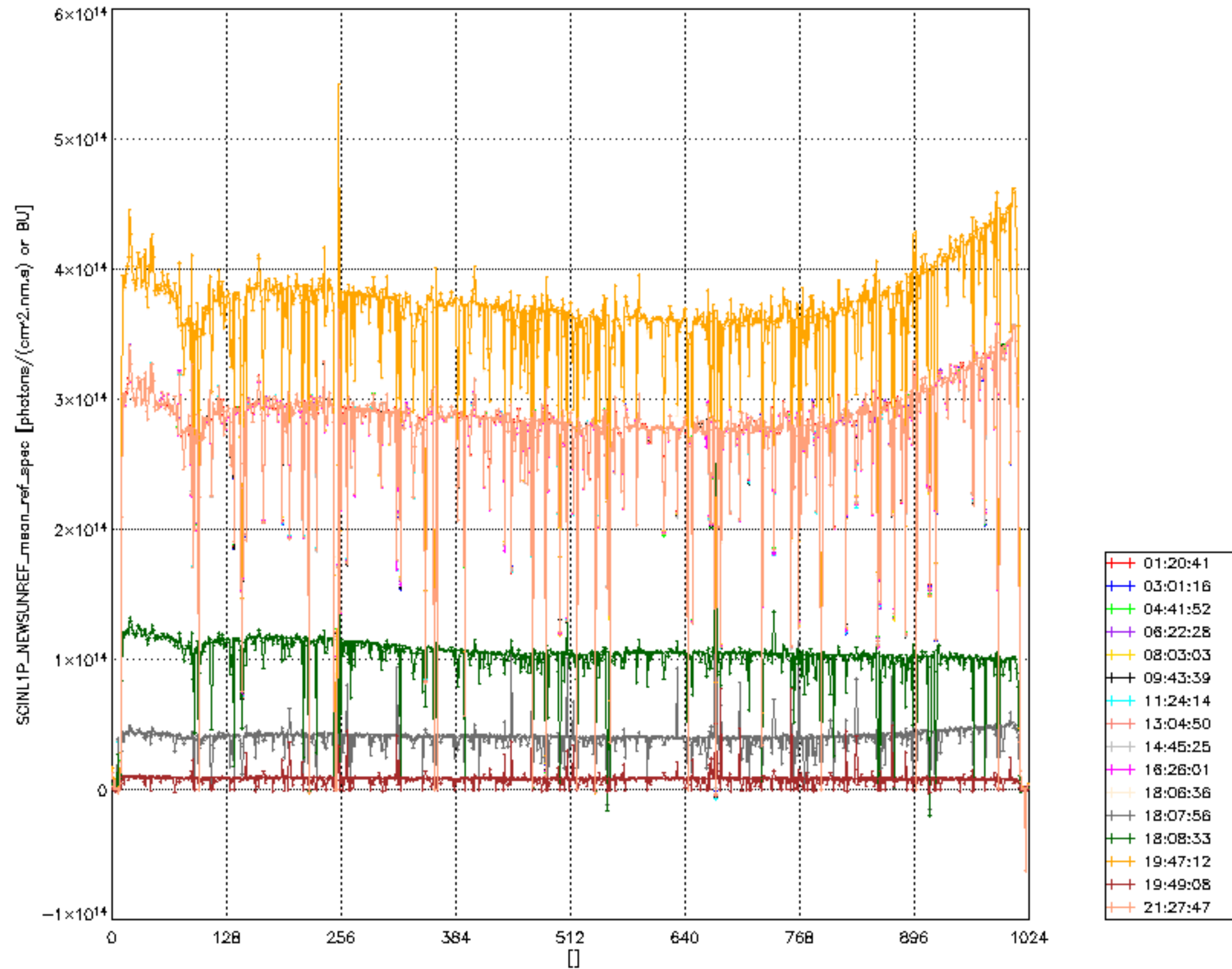


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 5 on 16APR2008
The colours indicate the time in hours since 16APR2008 00:00:00





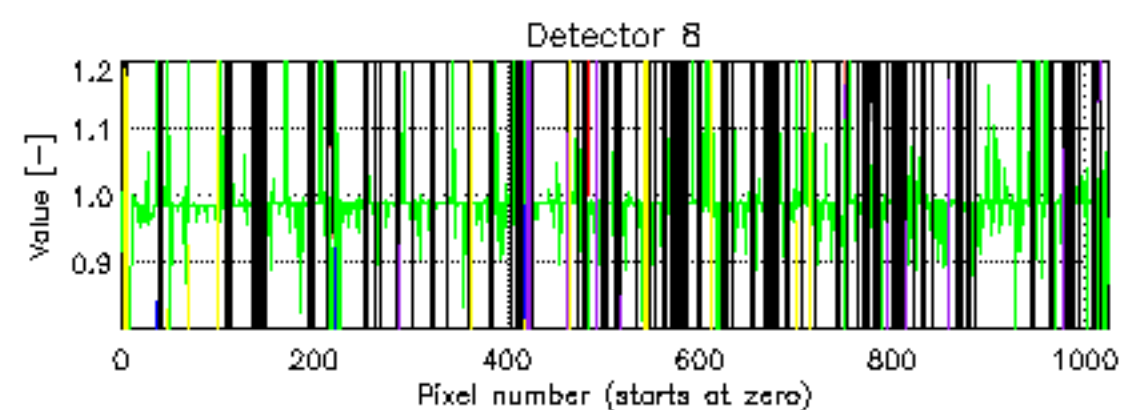
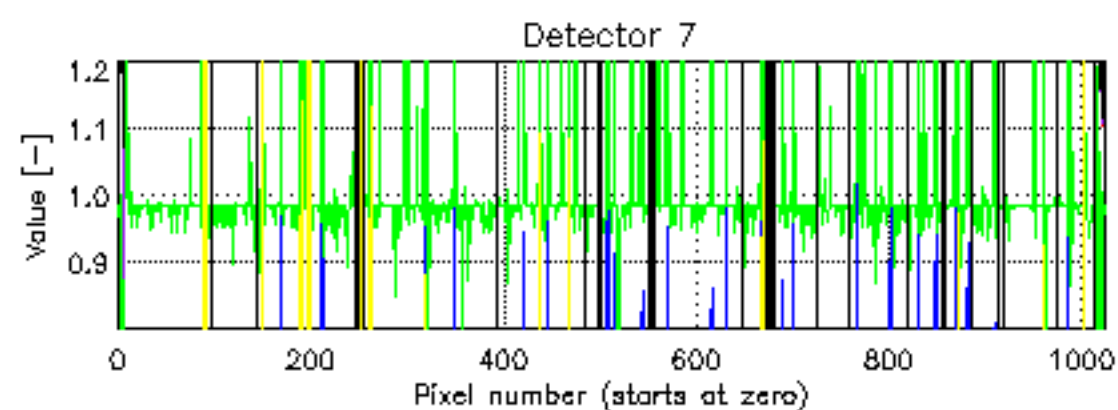
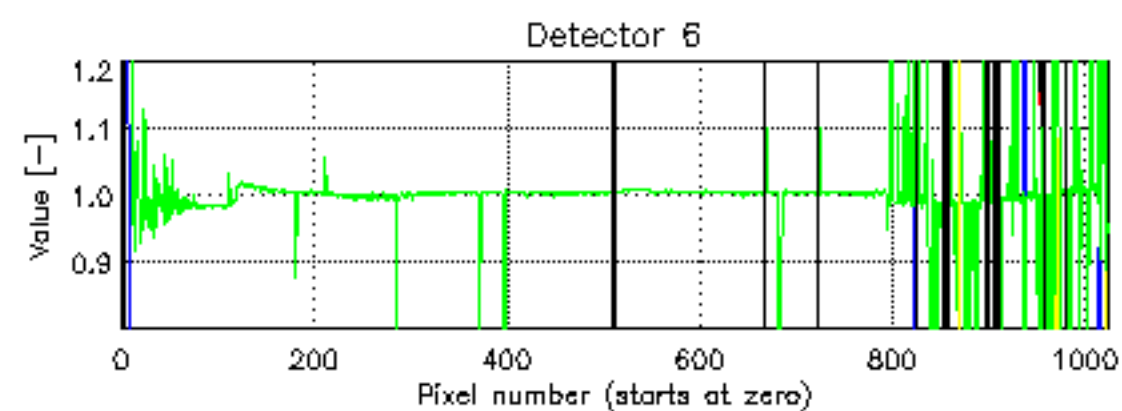
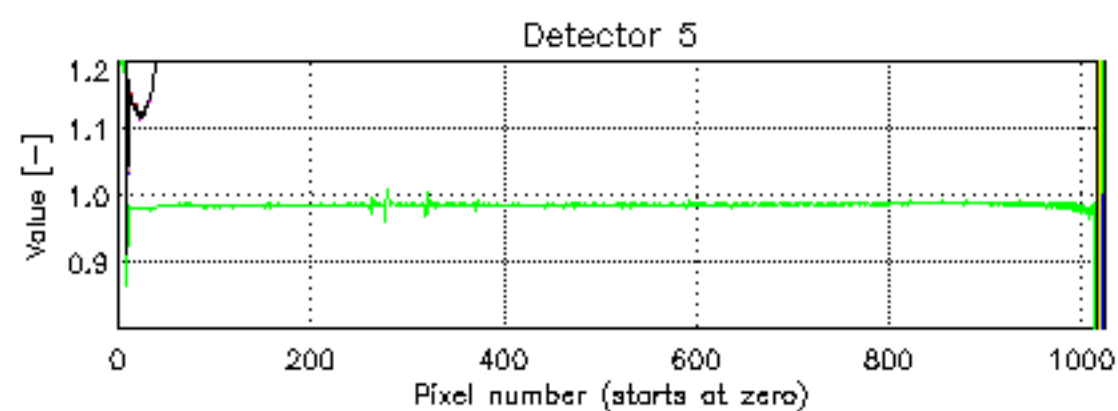
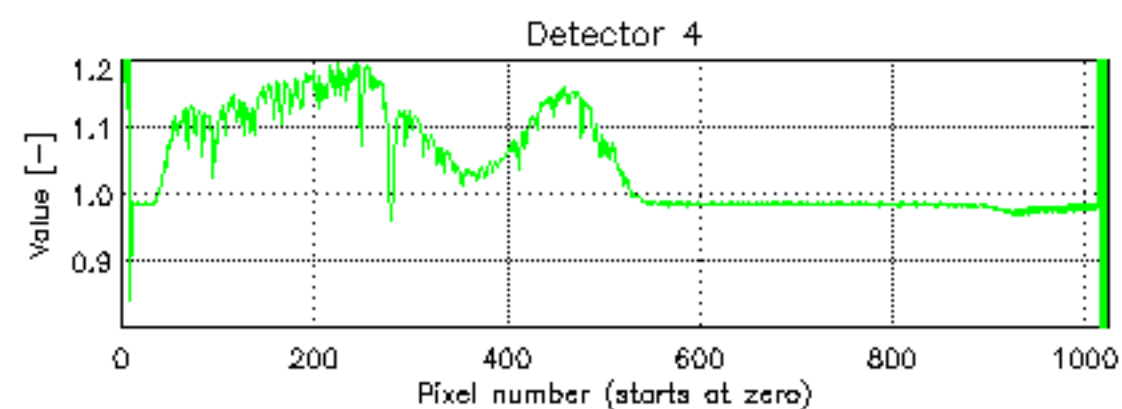
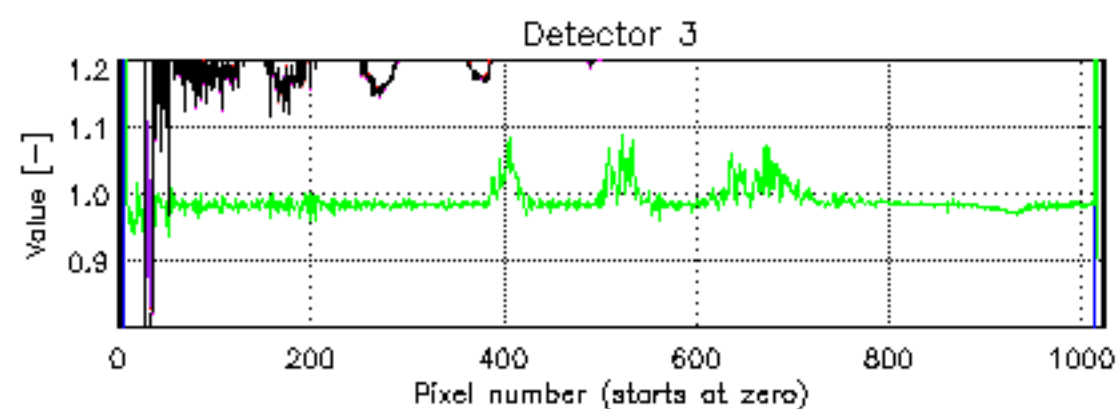
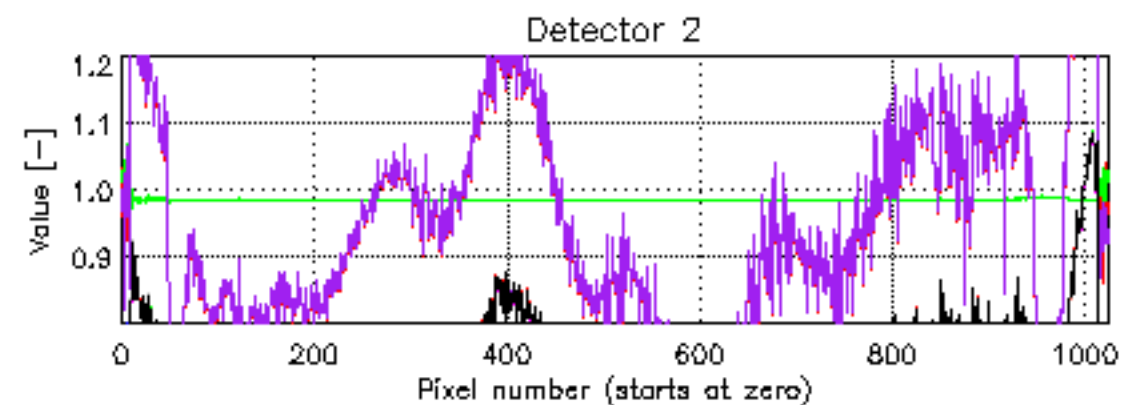
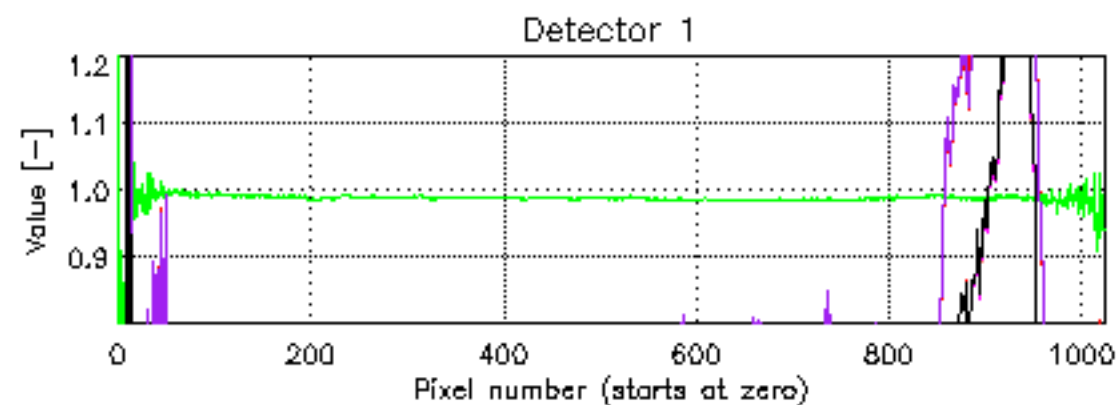
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 7 on 16APR2008
The colours indicate the time in hours since 16APR2008 00:00:00

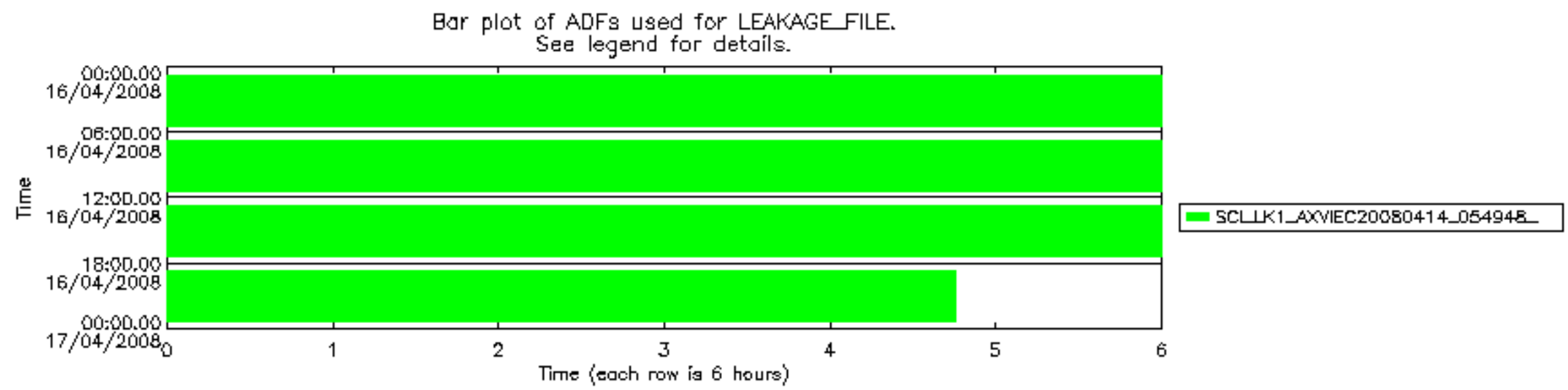


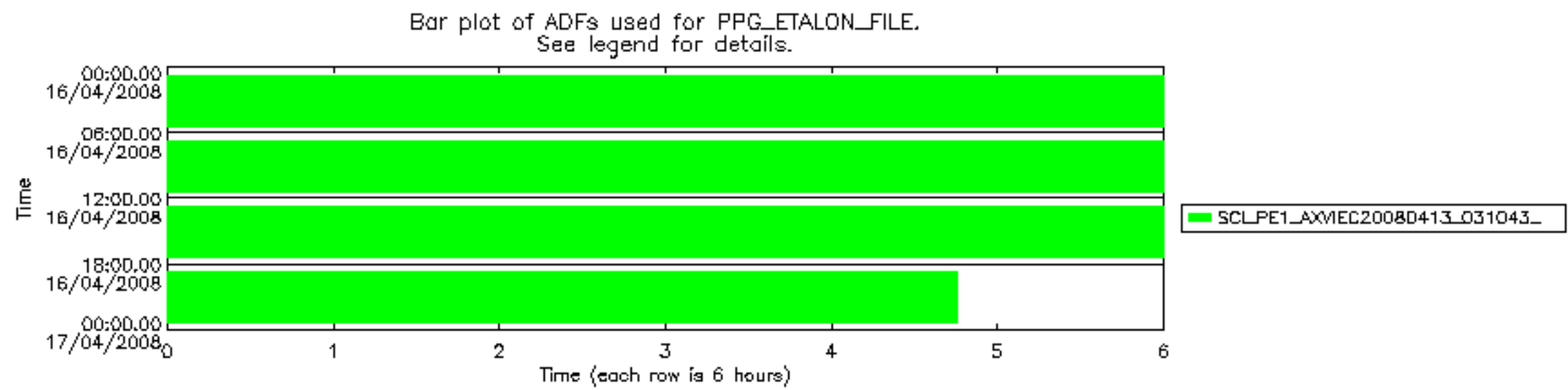
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector B on 16APR2008
The colours indicate the time in hours since 16APR2008 00:00:00

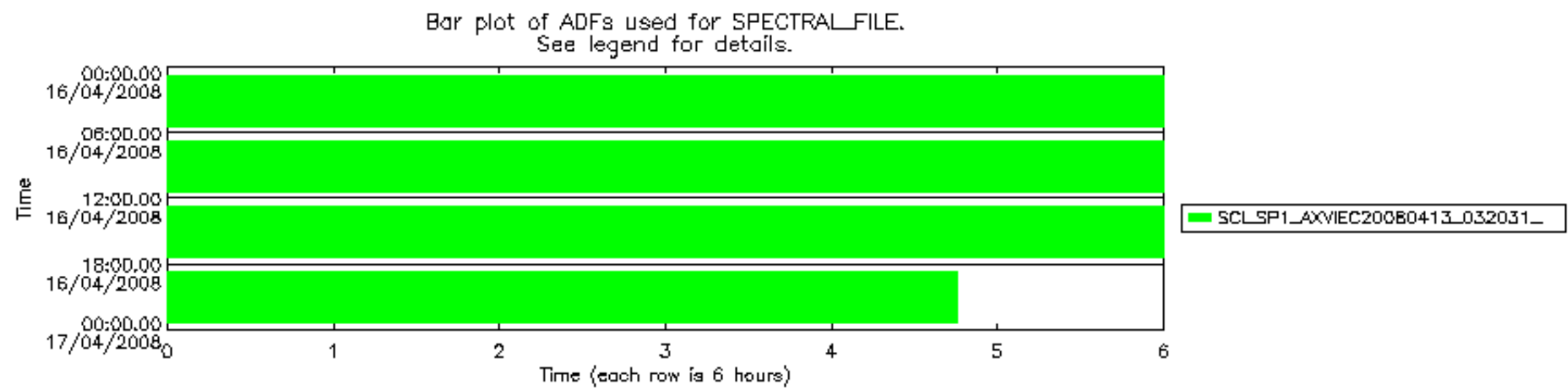


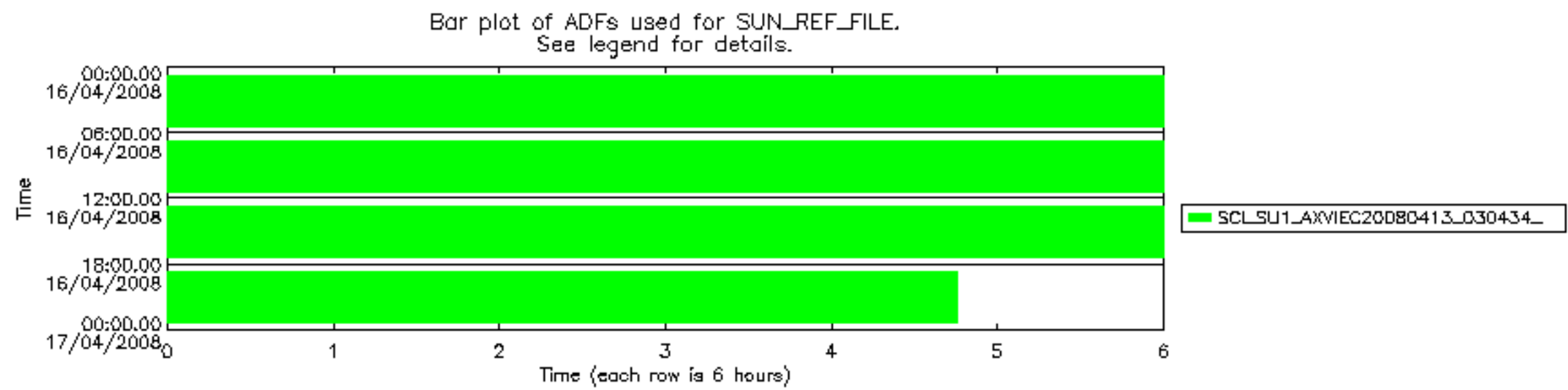
Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCLSU1_AXMEC20080413_030434_20080410_180105_20080425_194045

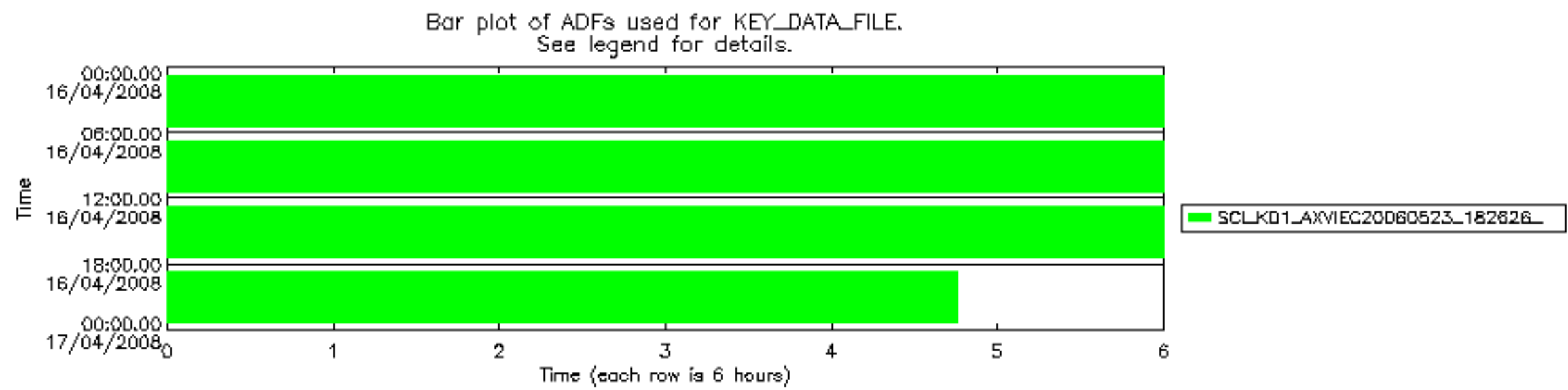


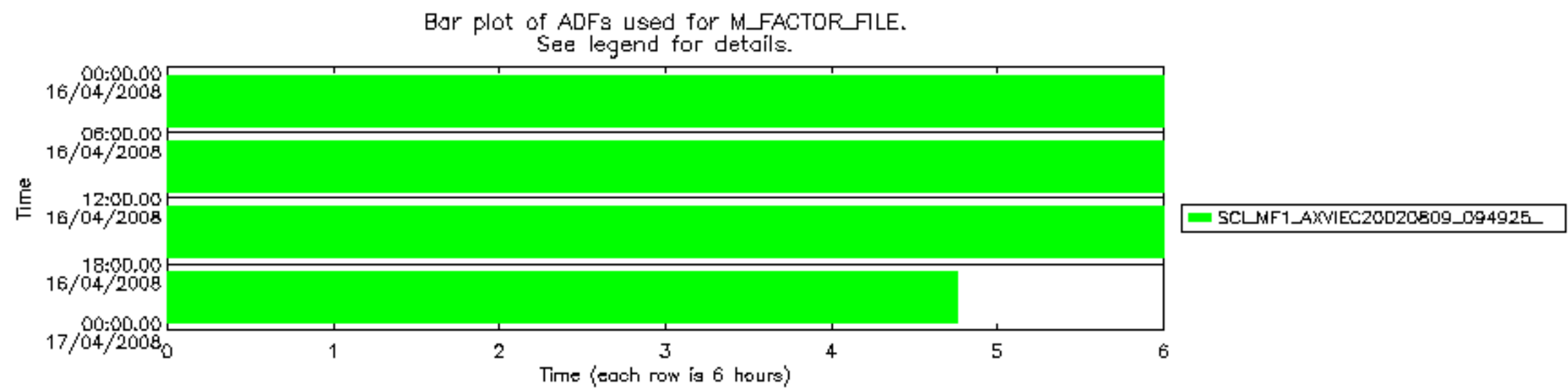


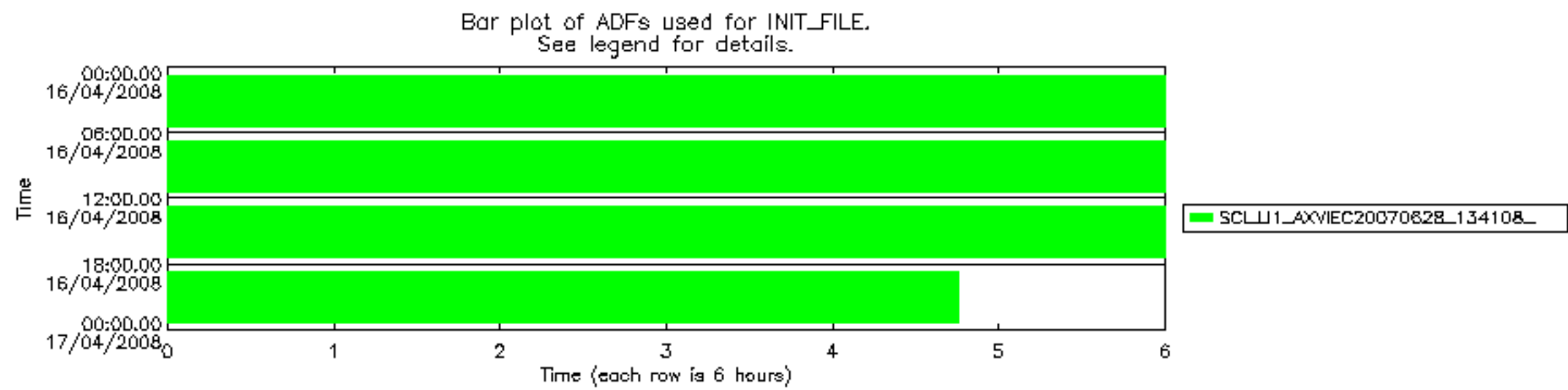


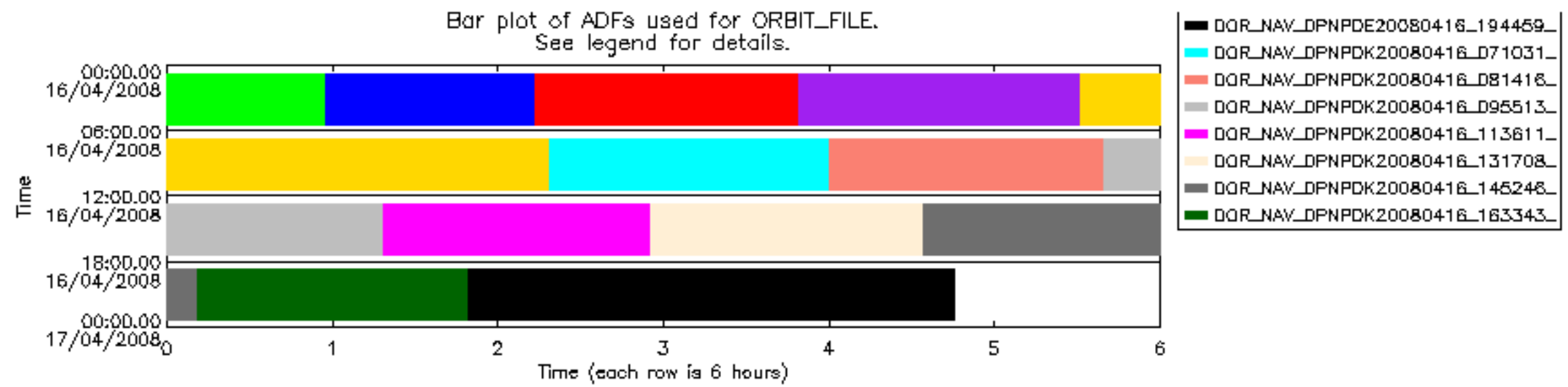


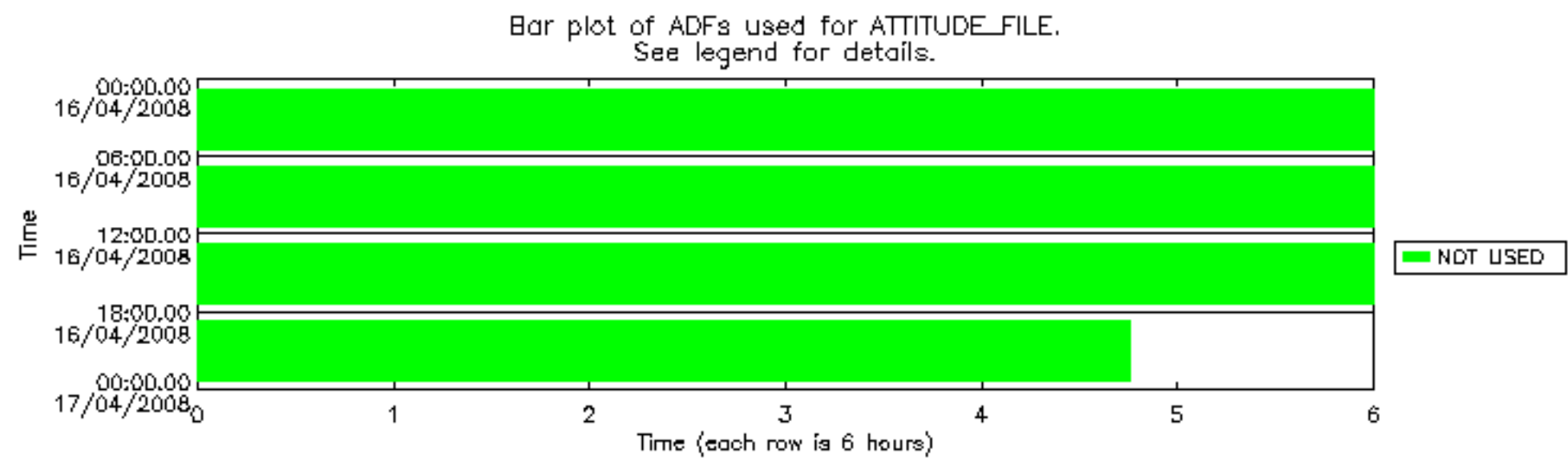












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 16APR2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

