

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	12APR2008 02:34:06
Data source version	SCIA/6.03-N
Processing scope for products	09APR2008 00:00:00 to 10APR2008 00:00:00
Start time of first product within scope	08APR2008 23:36:04
Stop time of last product within scope	10APR2008 00:46:04
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__1PNPDE20080408_233604_000060212067_00316_31933_3965.N1	08APR2008 23:36:04	09APR2008 01:16:26	0	34	43	1	0	2	17	0
1	SCI_NL__1PNPDE20080409_041042_000060672067_00319_31936_4045.N1	09APR2008 04:10:42	09APR2008 05:51:50	0	34	45	1	0	3	15	0
2	SCI_NL__1PNPDE20080409_055117_000062232067_00320_31937_4233.N1	09APR2008 05:51:17	09APR2008 07:35:00	0	36	47	1	0	2	15	0
3	SCI_NL__1PNPDE20080409_065938_000003512067_00321_31938_4170.N1	09APR2008 06:59:38	09APR2008 07:05:30	0	2	2	0	0	2	0	0
4	SCI_NL__1PNPDK20080409_073357_000039662067_00321_31938_3599.N1	09APR2008 07:33:57	09APR2008 08:40:04	0	17	28	1	0	3	15	0
5	SCI_NL__1PNPDK20080409_083918_000061432067_00322_31939_3738.N1	09APR2008 08:39:18	09APR2008 10:21:41	0	34	46	1	0	3	15	0
6	SCI_NL__1PNPDK20080409_102049_000059722067_00323_31940_3865.N1	09APR2008 10:20:49	09APR2008 12:00:22	0	33	44	1	0	3	15	0
7	SCI_NL__1PNPDK20080409_115933_000060512067_00324_31941_4013.N1	09APR2008 11:59:33	09APR2008 13:40:24	0	34	45	1	0	3	15	0
8	SCI_NL__1PNPDK20080409_133900_000058692067_00325_31942_4156.N1	09APR2008 13:39:00	09APR2008 15:16:49	0	33	43	1	0	3	15	0
9	SCI_NL__1PNPDK20080409_151430_000059552067_00326_31943_4294.N1	09APR2008 15:14:30	09APR2008 16:53:46	0	33	44	1	0	3	15	0
10	SCI_NL__1PNPDK20080409_165153_000059802067_00327_31944_4414.N1	09APR2008 16:51:53	09APR2008 18:31:34	0	34	43	2	1	3	15	0
11	SCI_NL__1PNPDK20080409_183032_000061542067_00328_31945_4535.N1	09APR2008 18:30:32	09APR2008 20:13:07	0	34	46	1	3	3	15	0
12	SCI_NL__1PNPDE20080409_201132_000044262067_00329_31946_4708.N1	09APR2008 20:11:32	09APR2008 21:25:19	0	34	27	0	0	3	5	0
13	SCI_NL__1PNPDE20080409_212413_000060692067_00329_31946_4845.N1	09APR2008 21:24:13	09APR2008 23:05:23	0	35	46	1	0	2	15	0
14	SCI_NL__1PNPDE20080409_230419_000061042067_00330_31947_4992.N1	09APR2008 23:04:19	10APR2008 00:46:04	0	34	44	1	0	3	16	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:

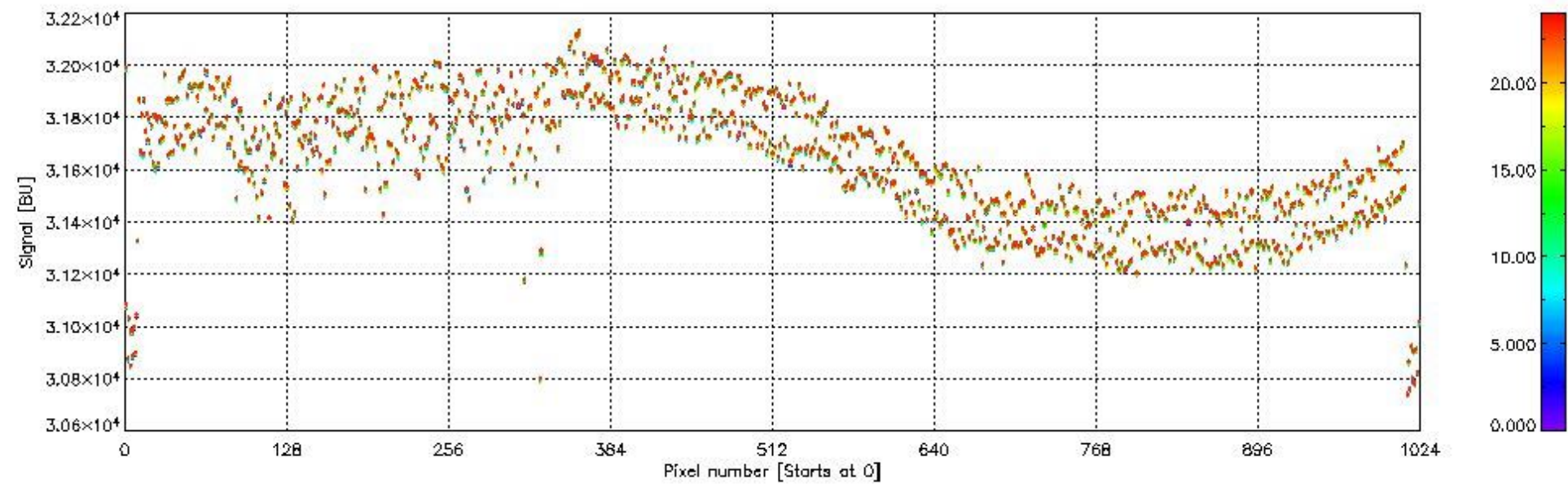
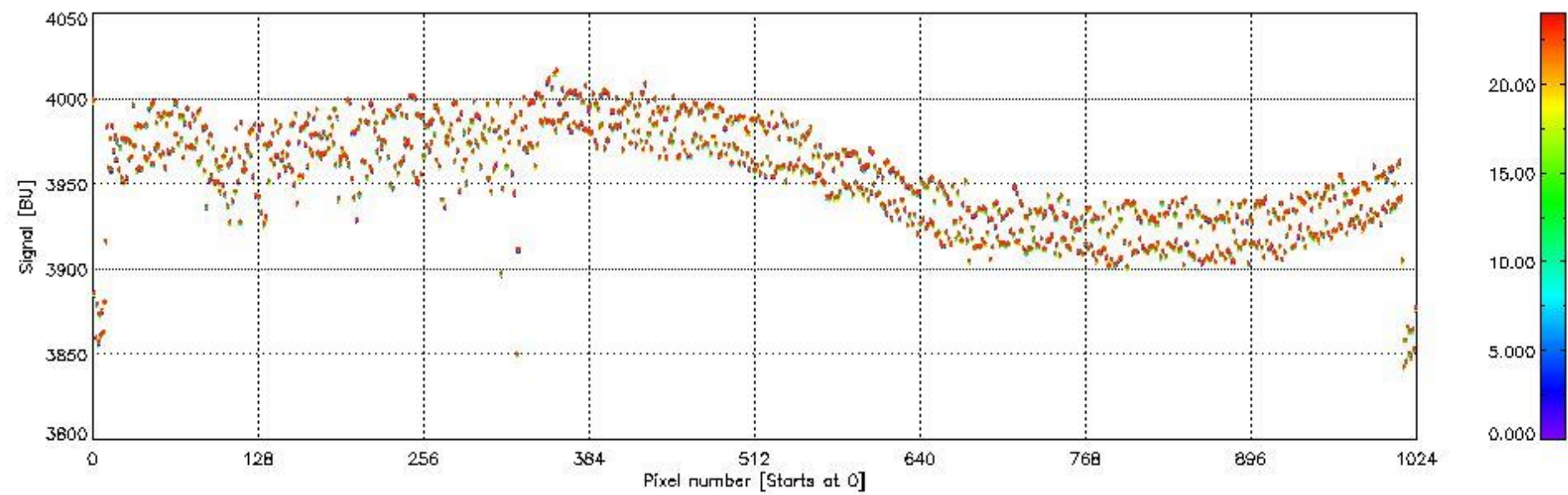
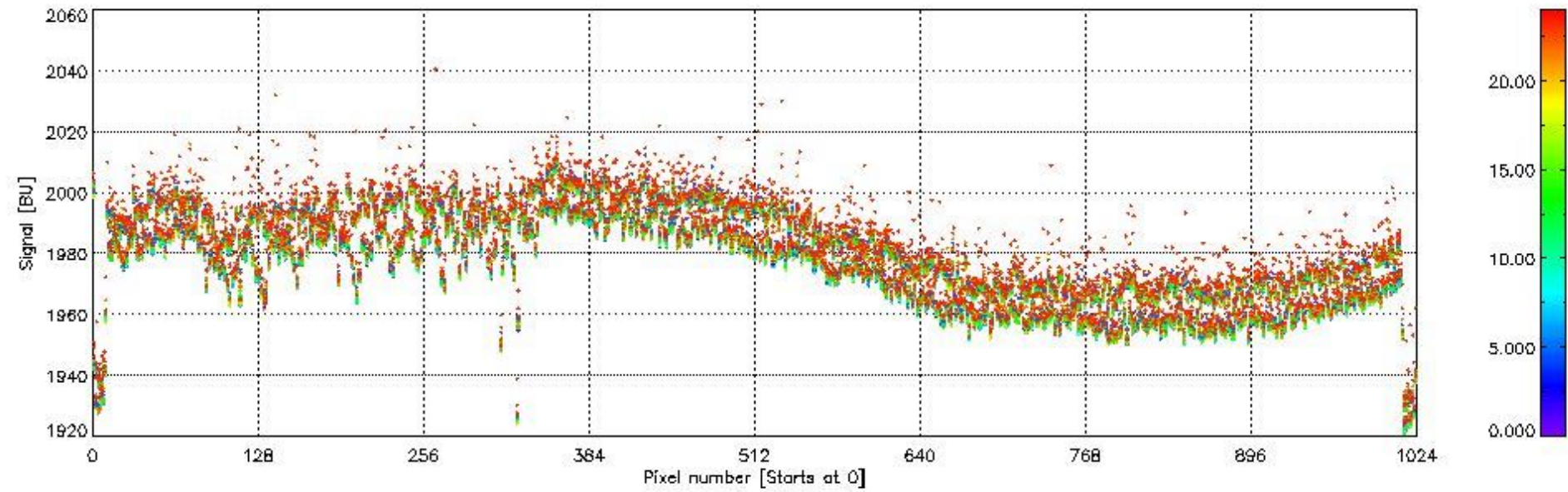
- Dark measurements (if available)
- New leakage current parameters (if available)
- New spectral calibration parameters (if available)
- New sun reference spectrum (if available)

5. New PPG/Etalon parameters (if available)

1.2.1 Dark measurements overview

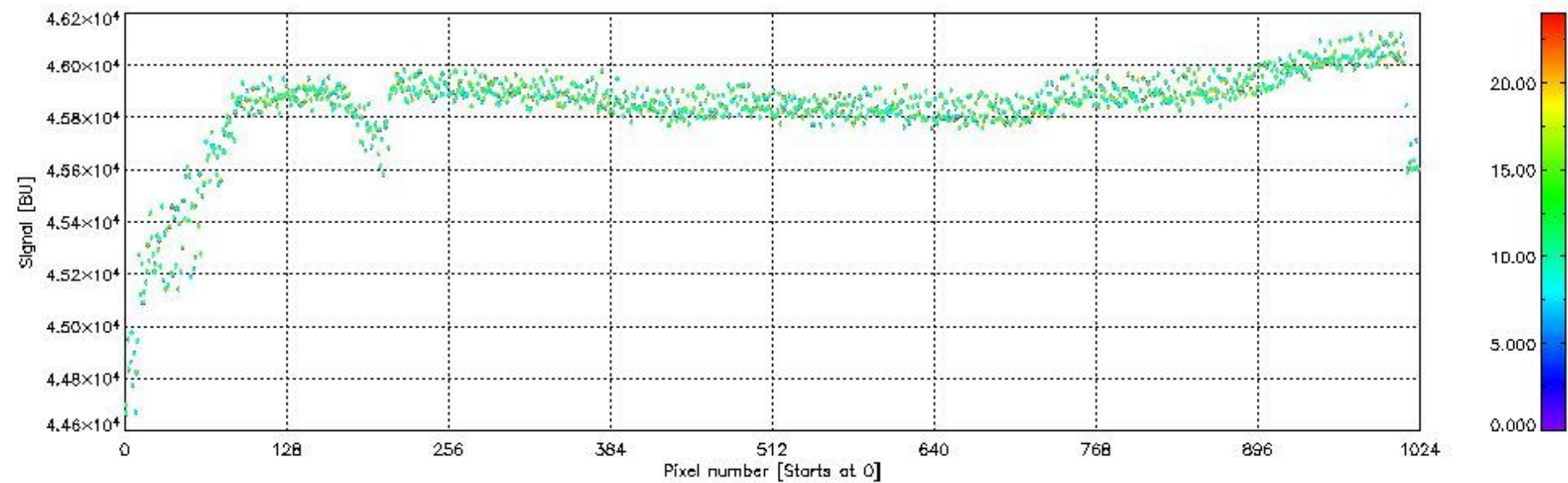
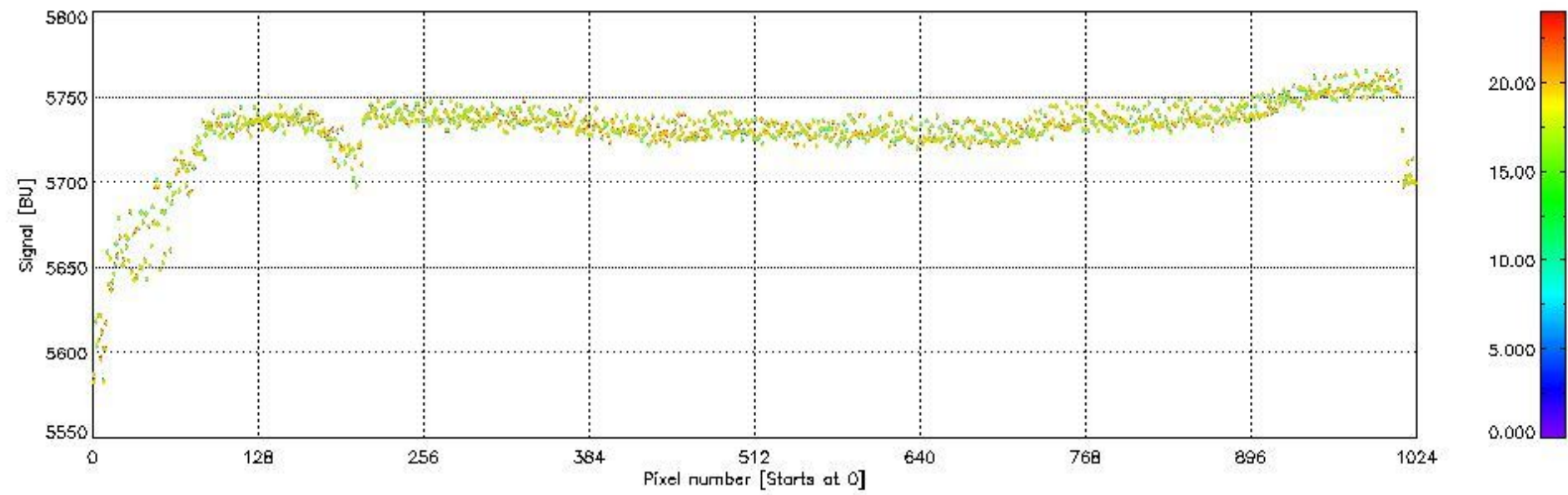
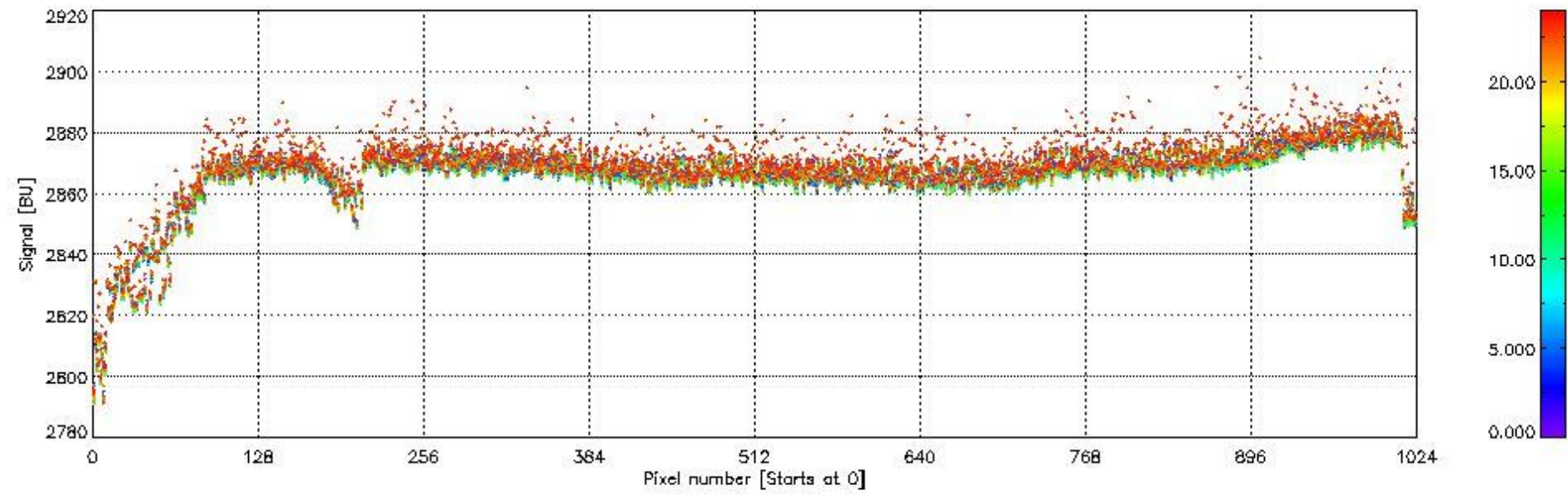
This section lists properties of the dark measurements performed within the processing scope.

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



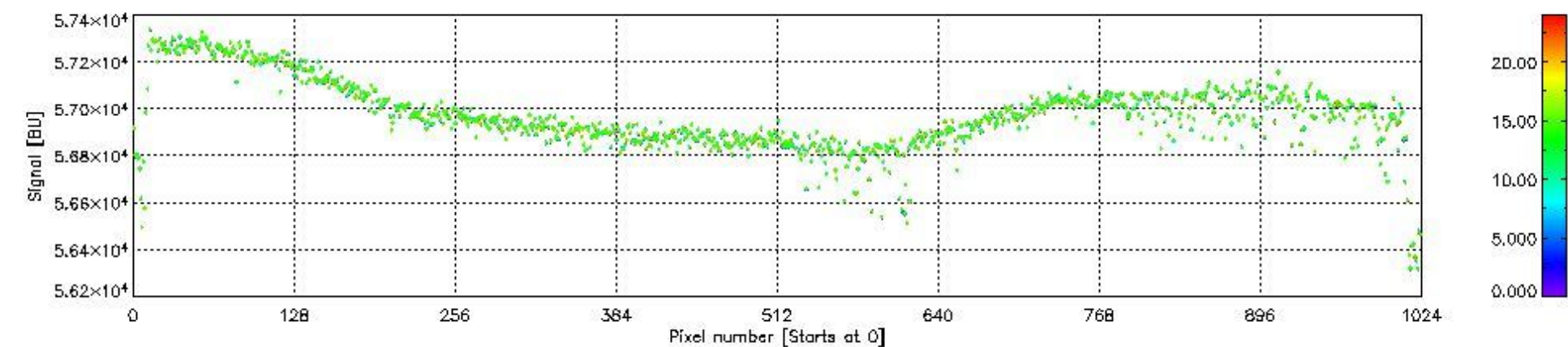
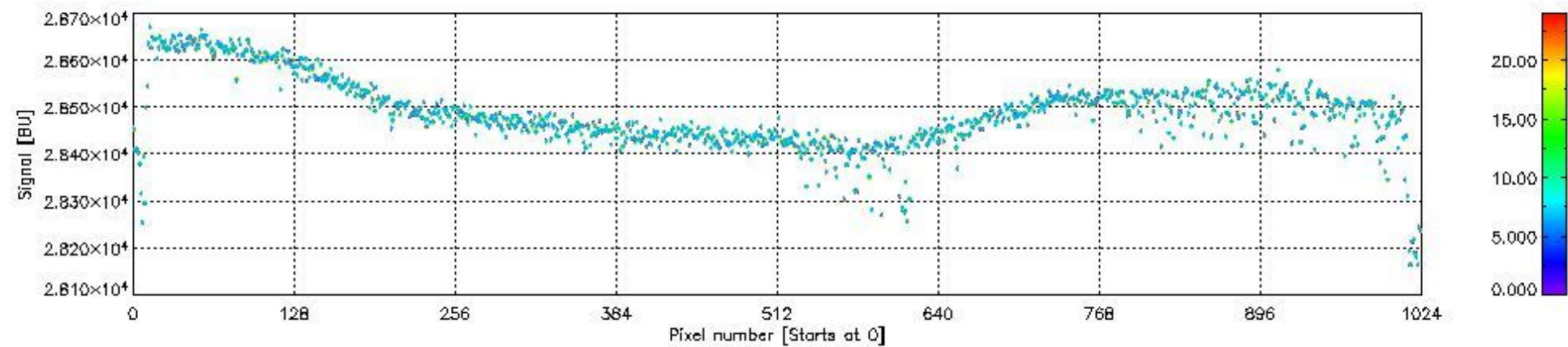
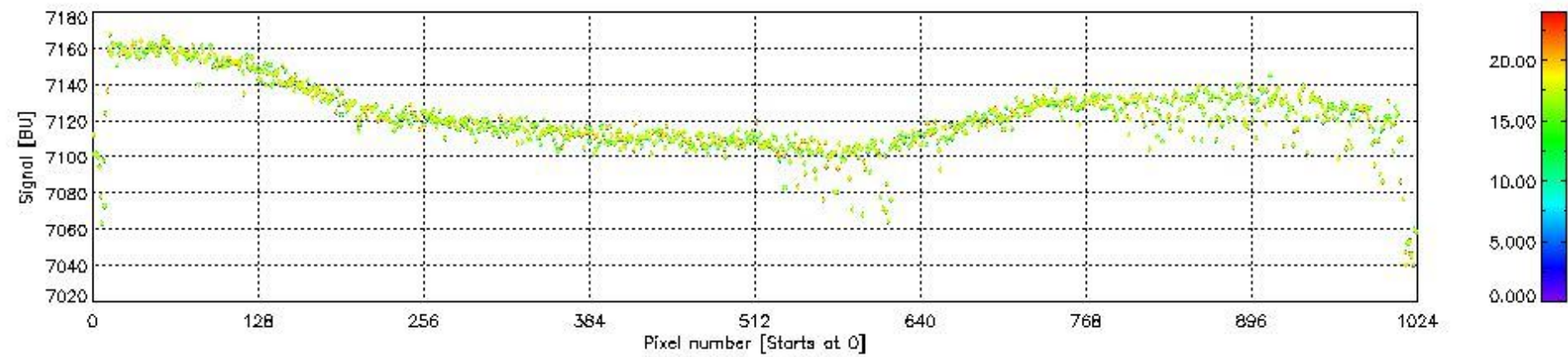
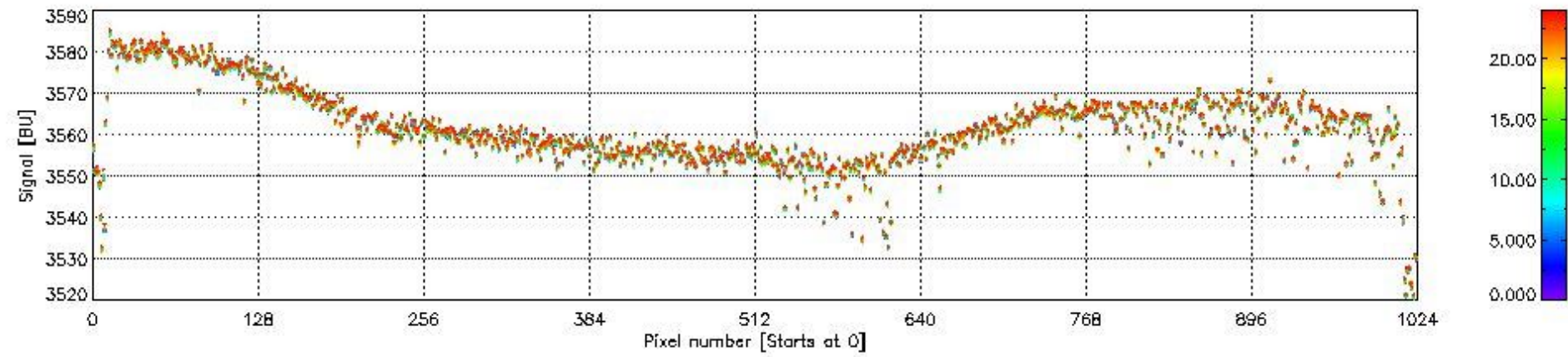
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_0.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



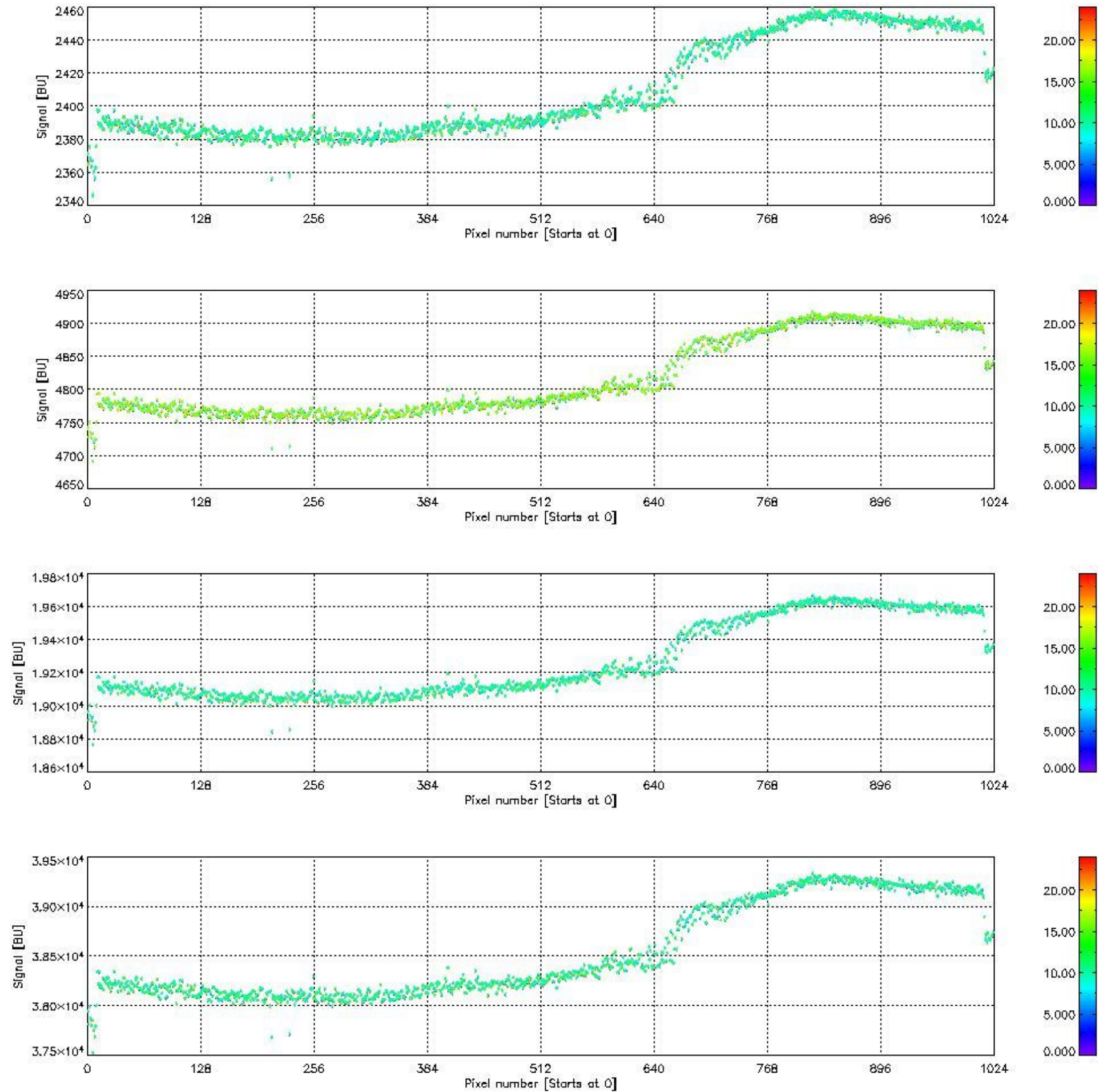
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_1.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



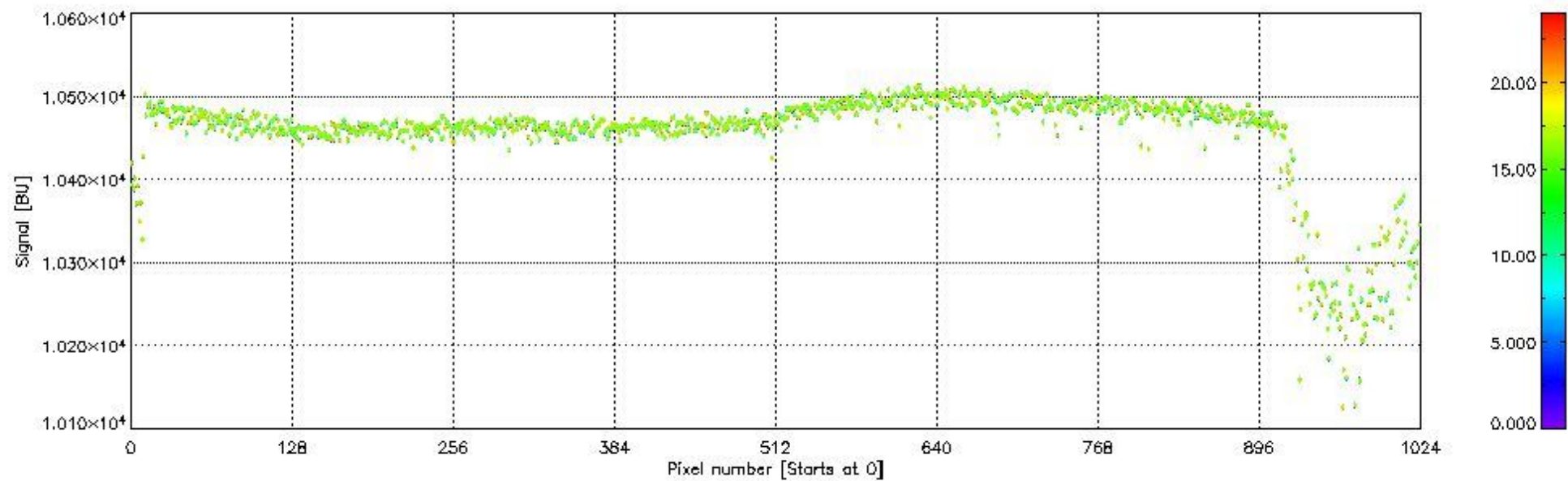
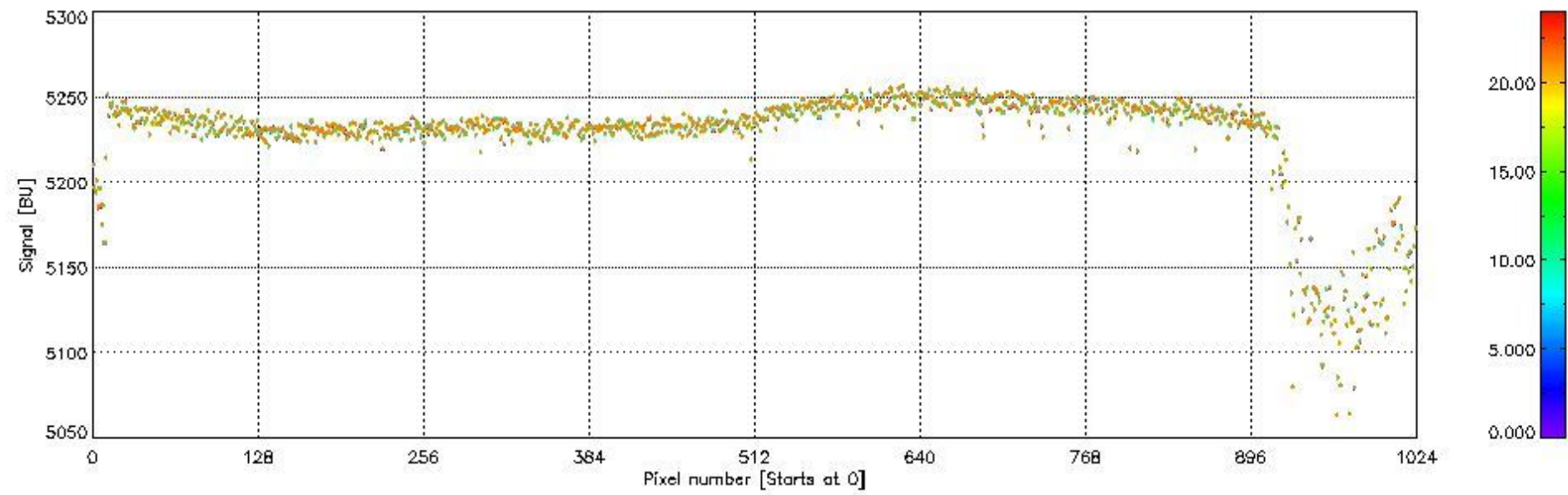
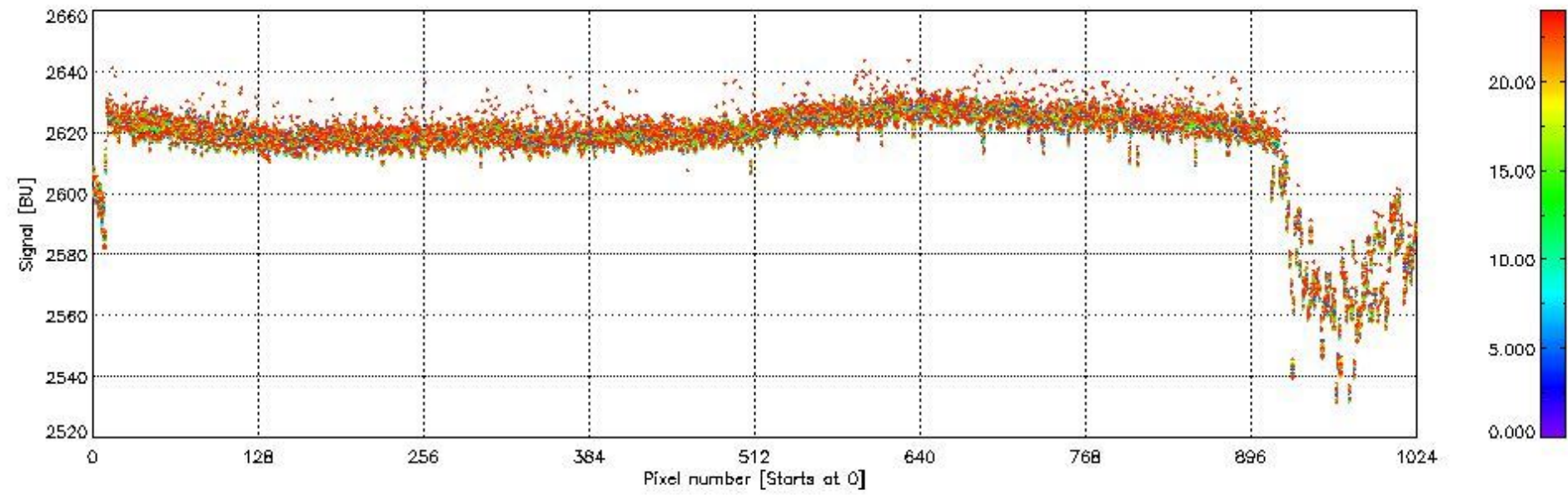
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_2.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



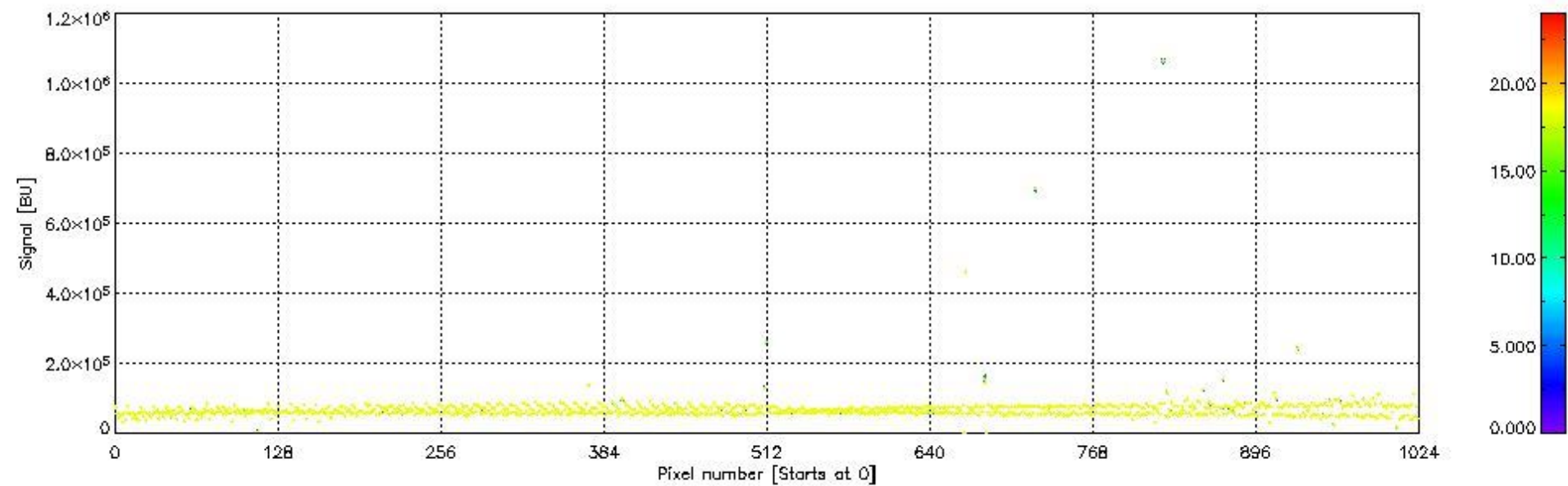
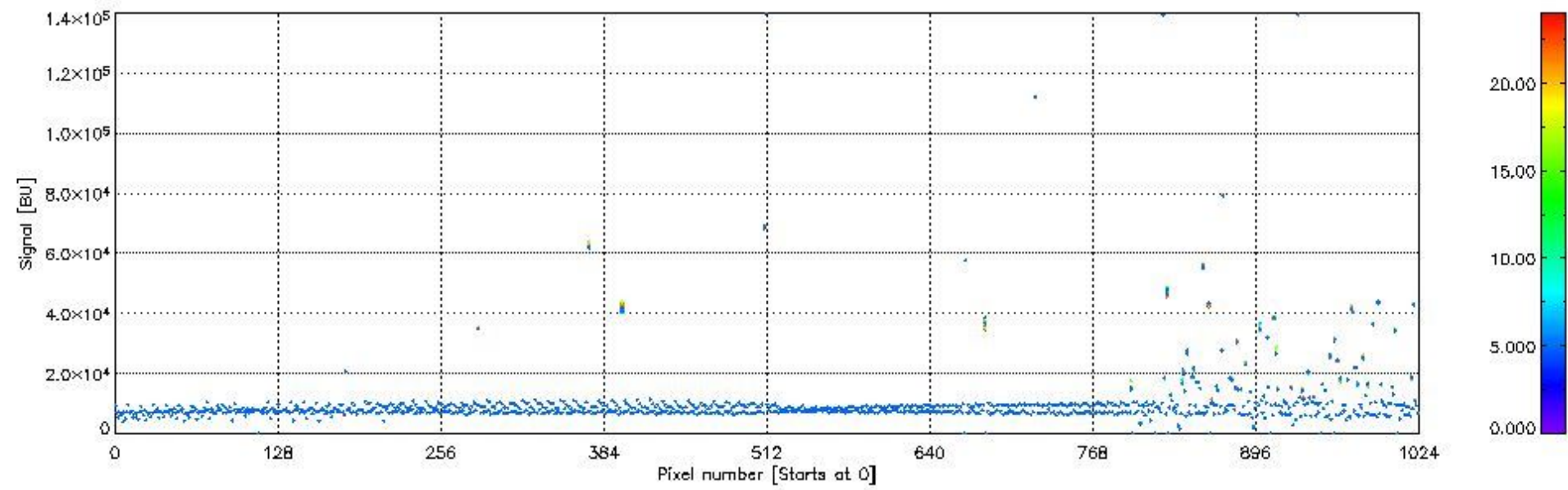
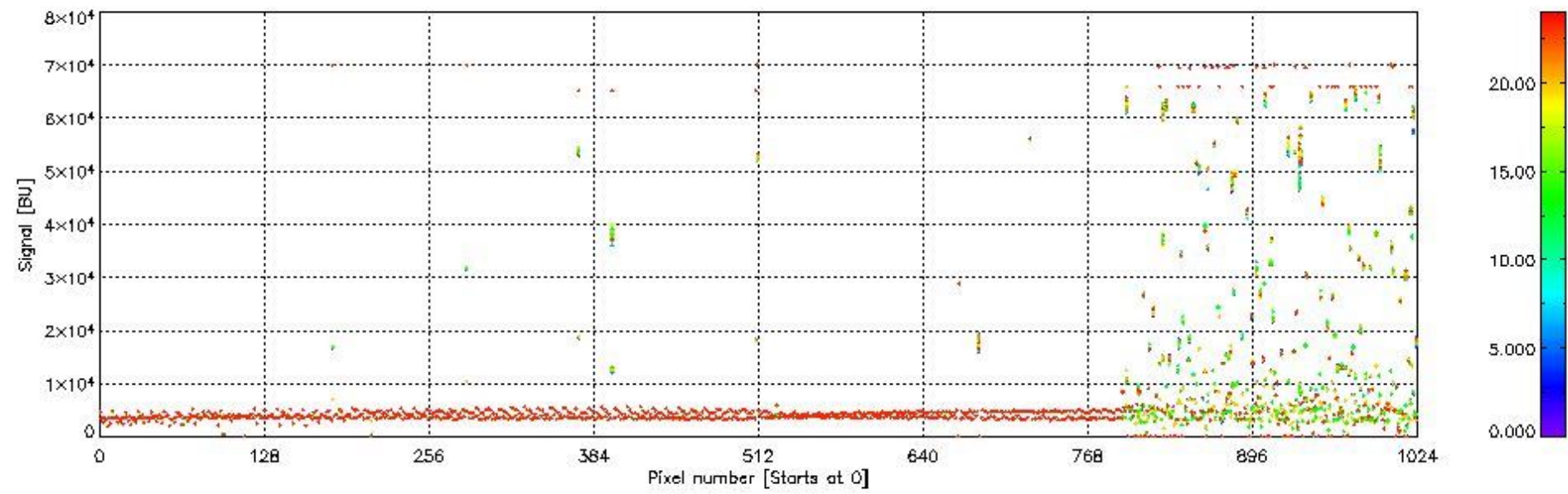
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_3.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



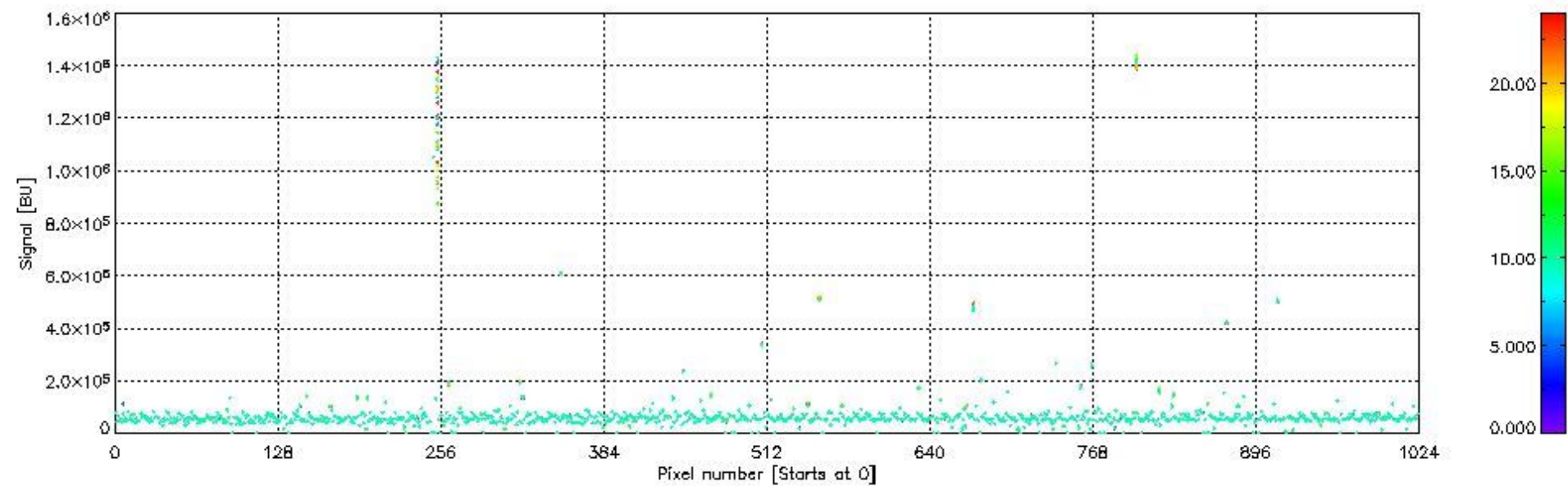
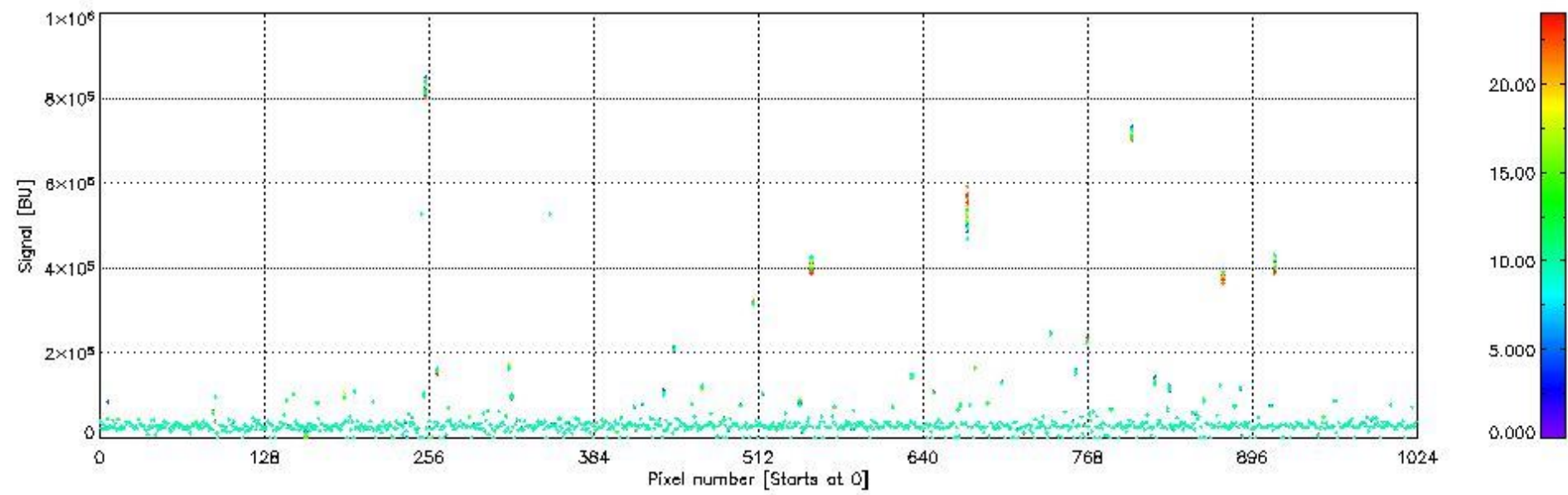
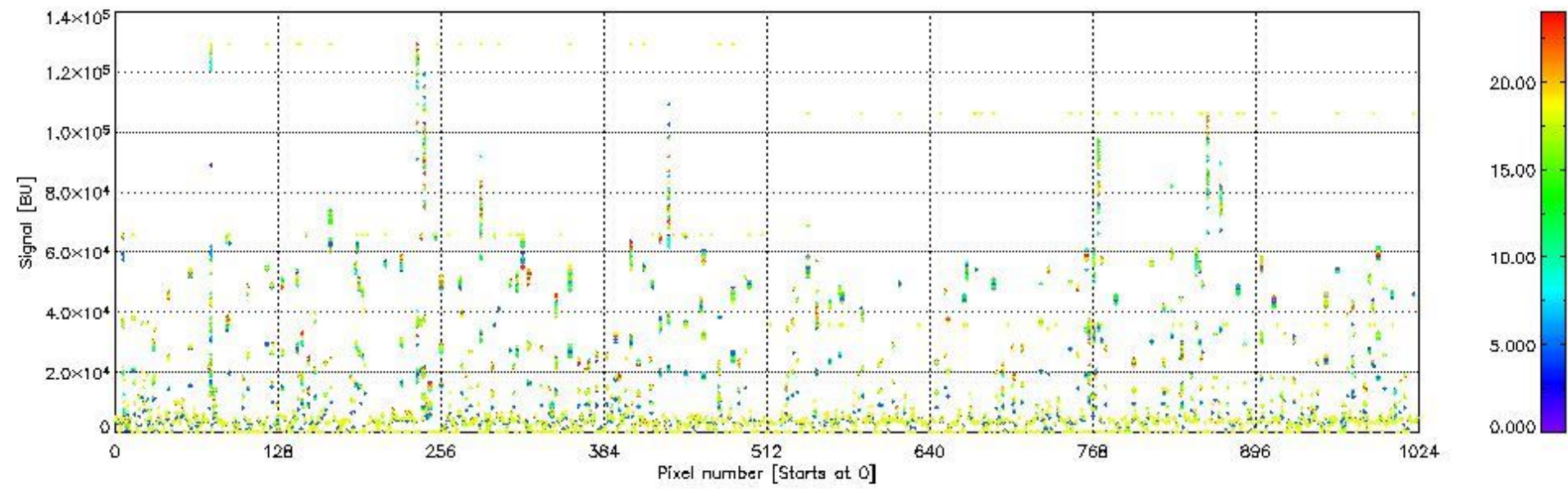
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_4.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



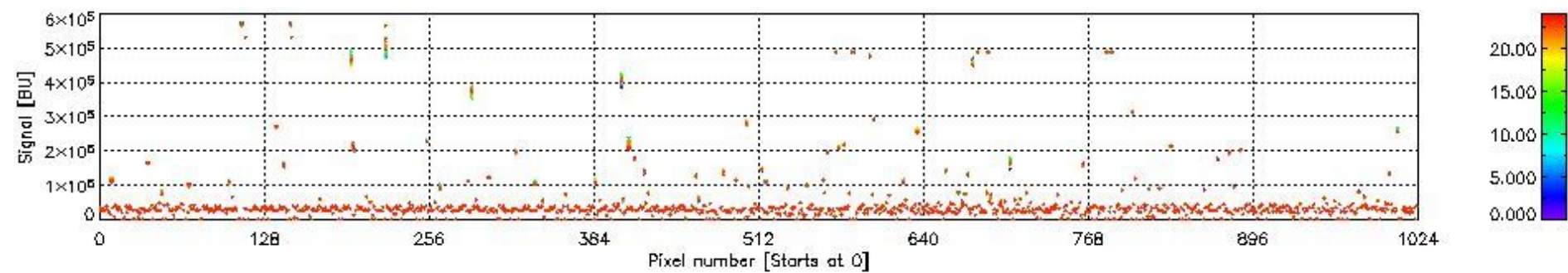
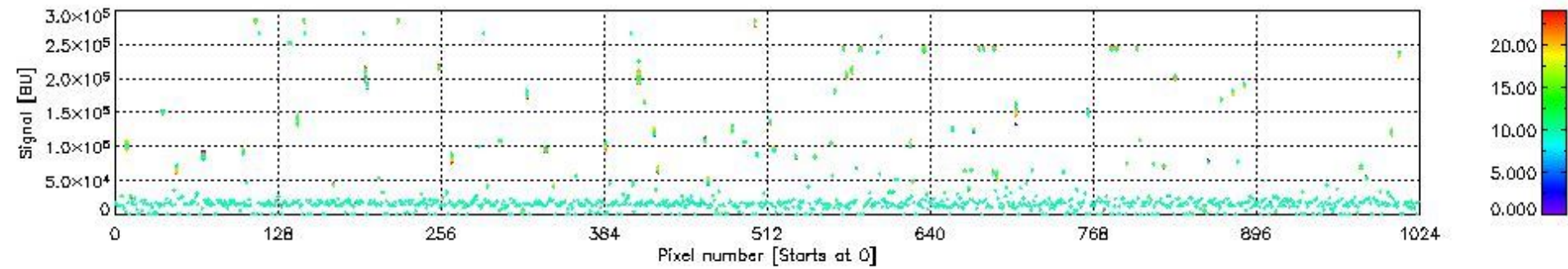
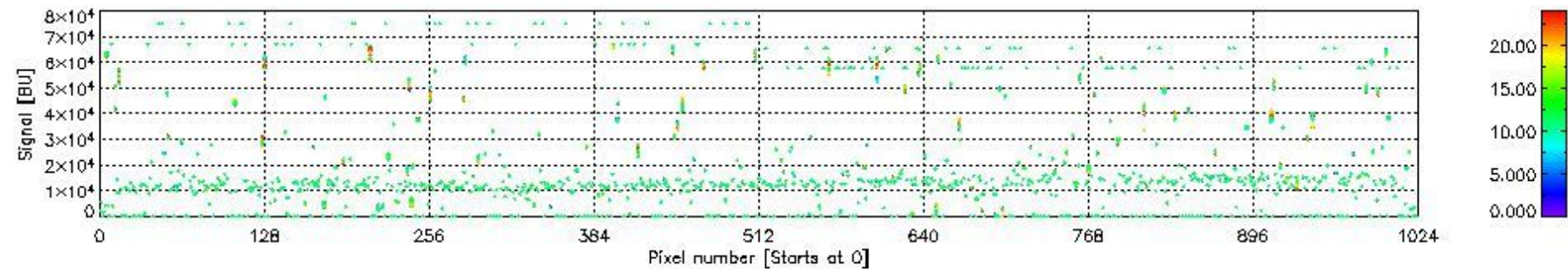
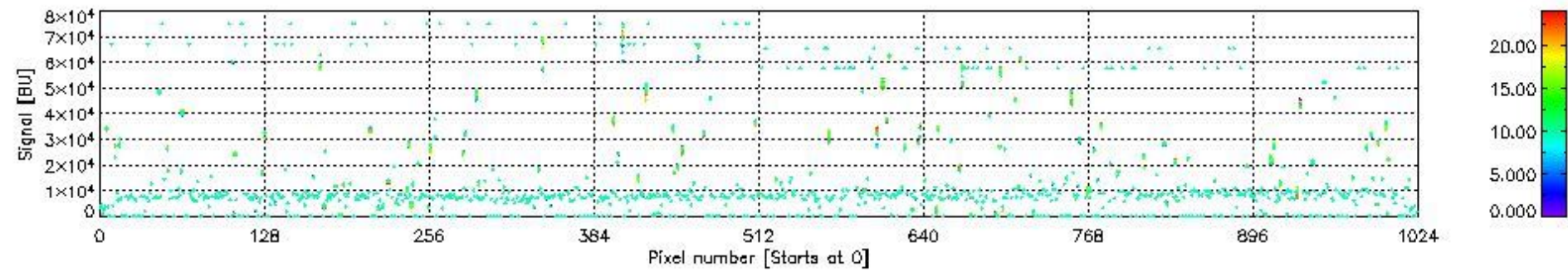
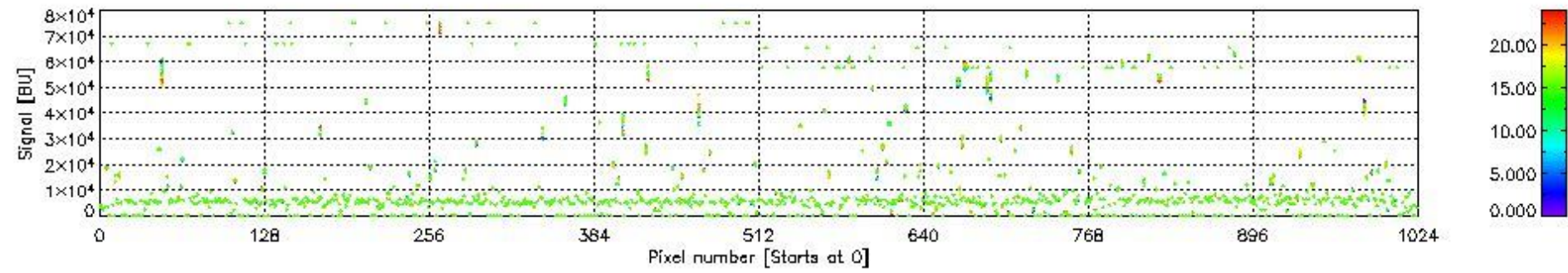
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_5.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



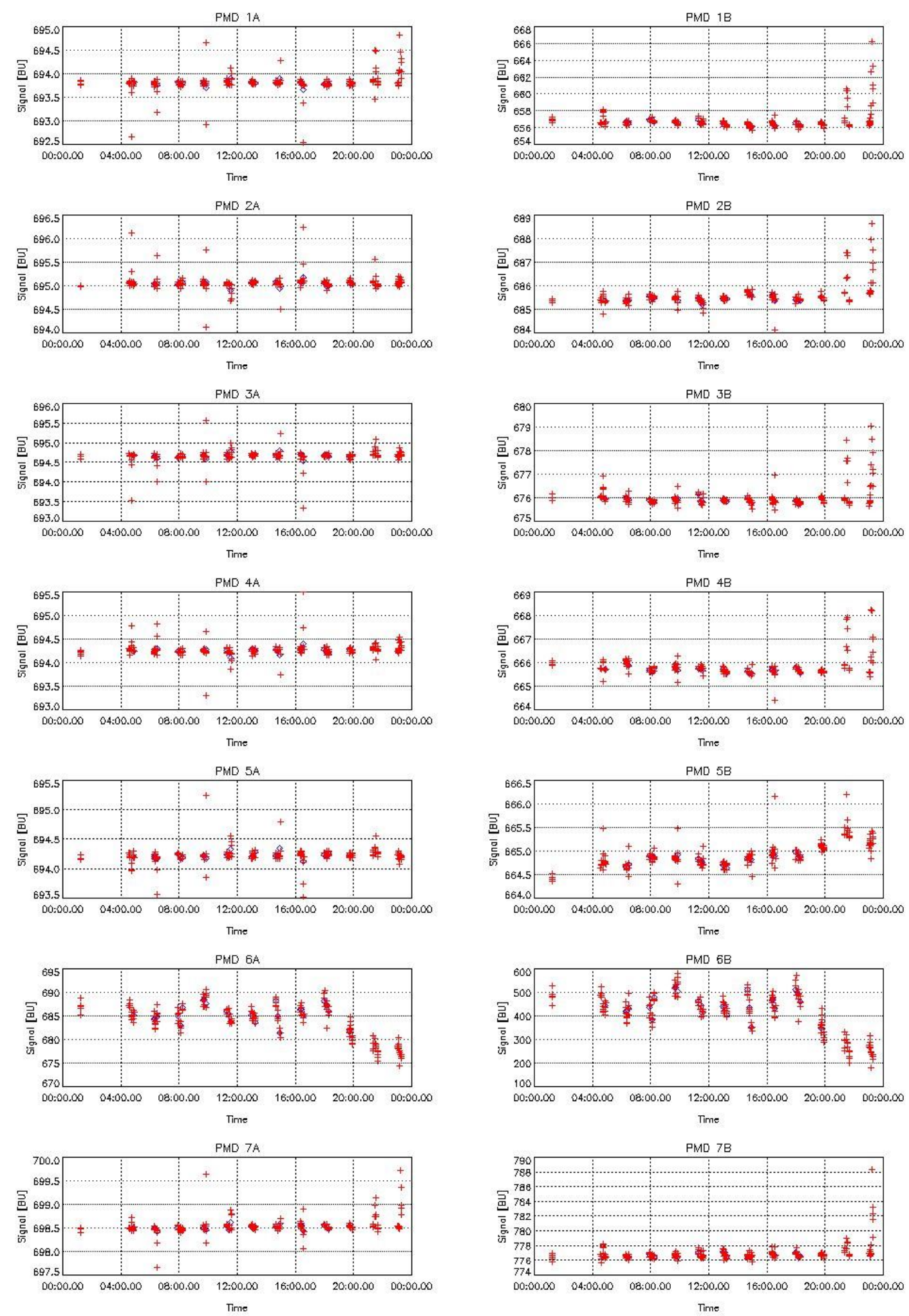
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_6.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00

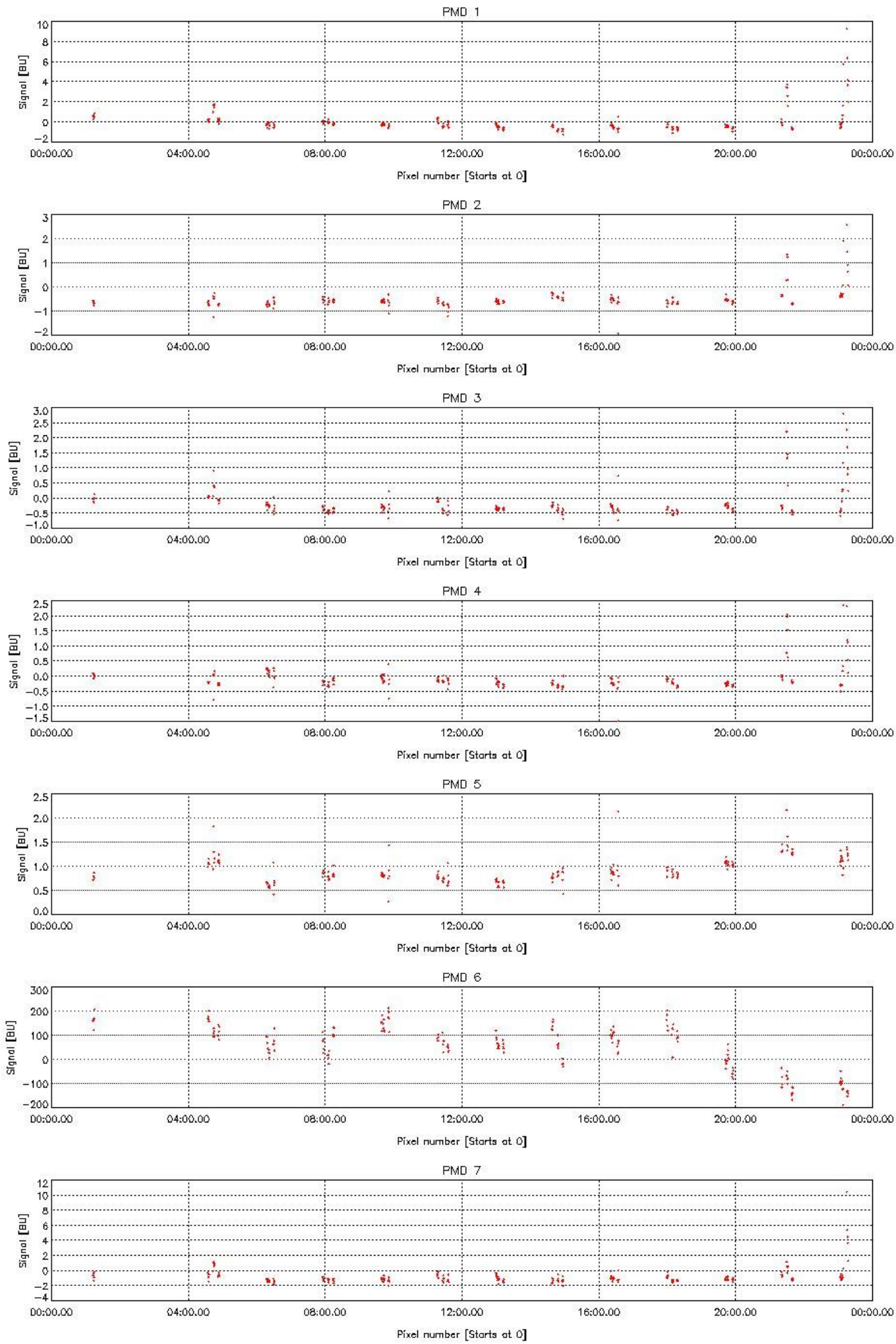


sciamachy_daily_report_level1_SCIA_6_03_N_20080409_7.PNG

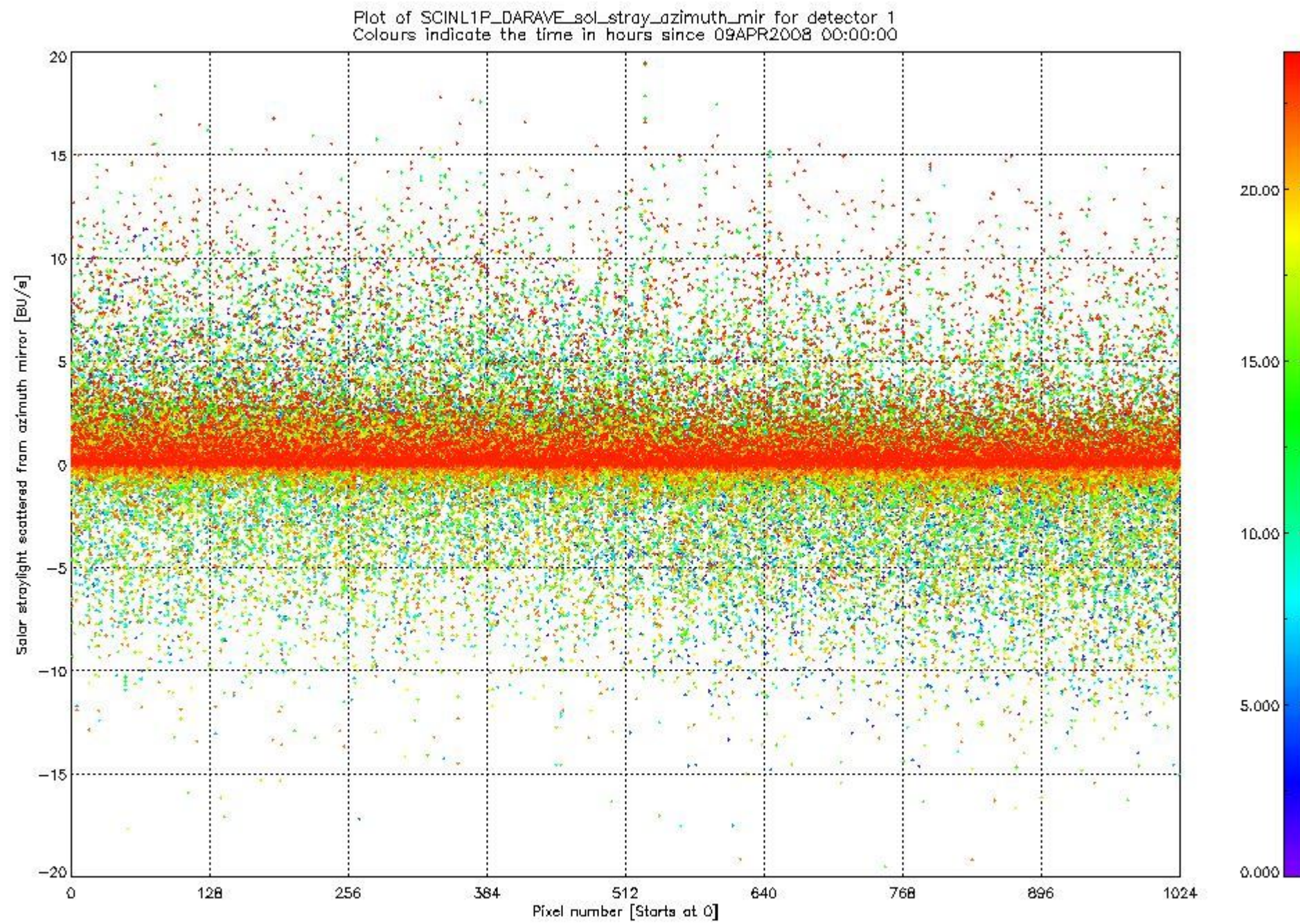
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 09APR2008 (red).
New leakage current offset data is given in blue for comparison.



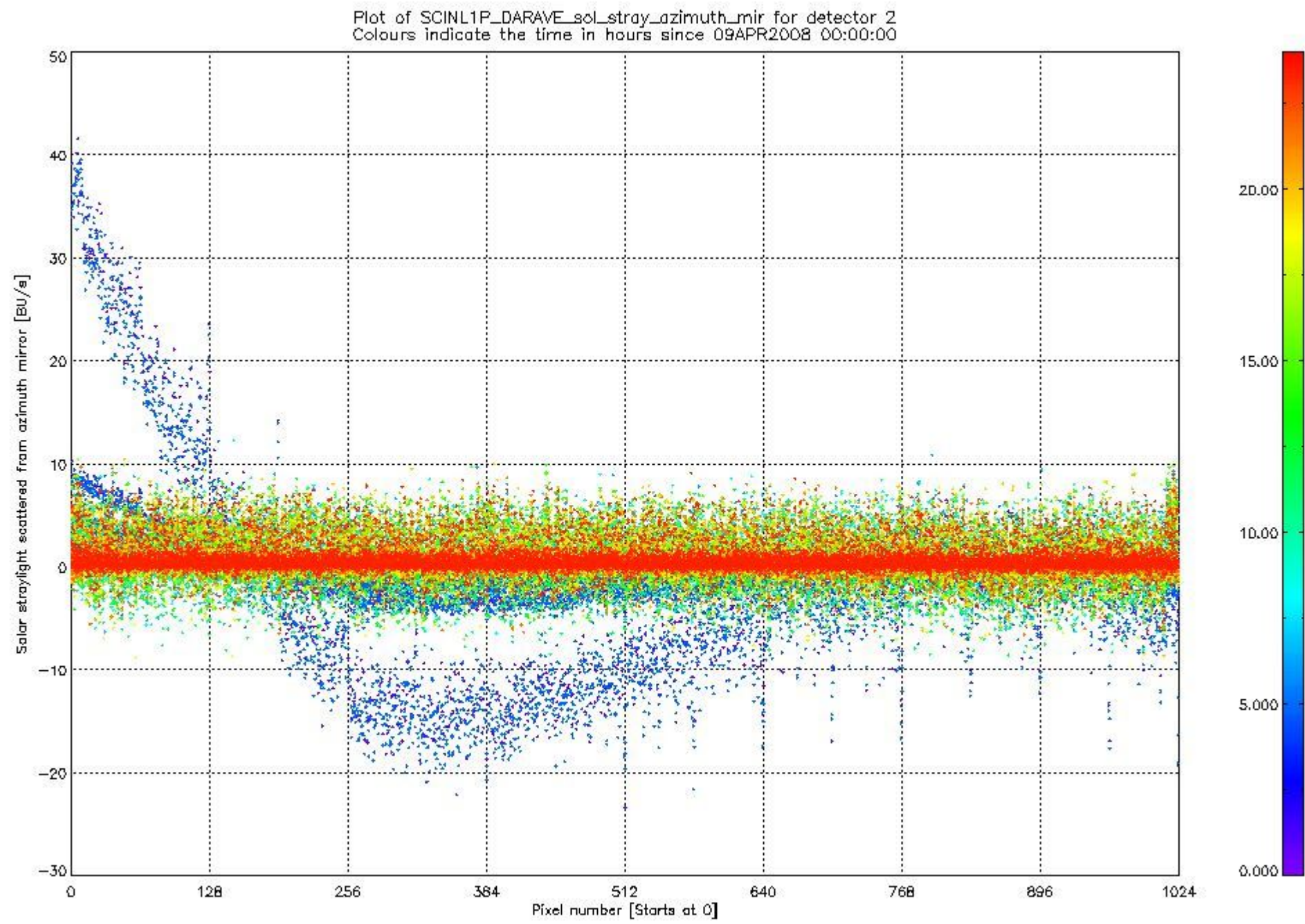
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_8.PNG

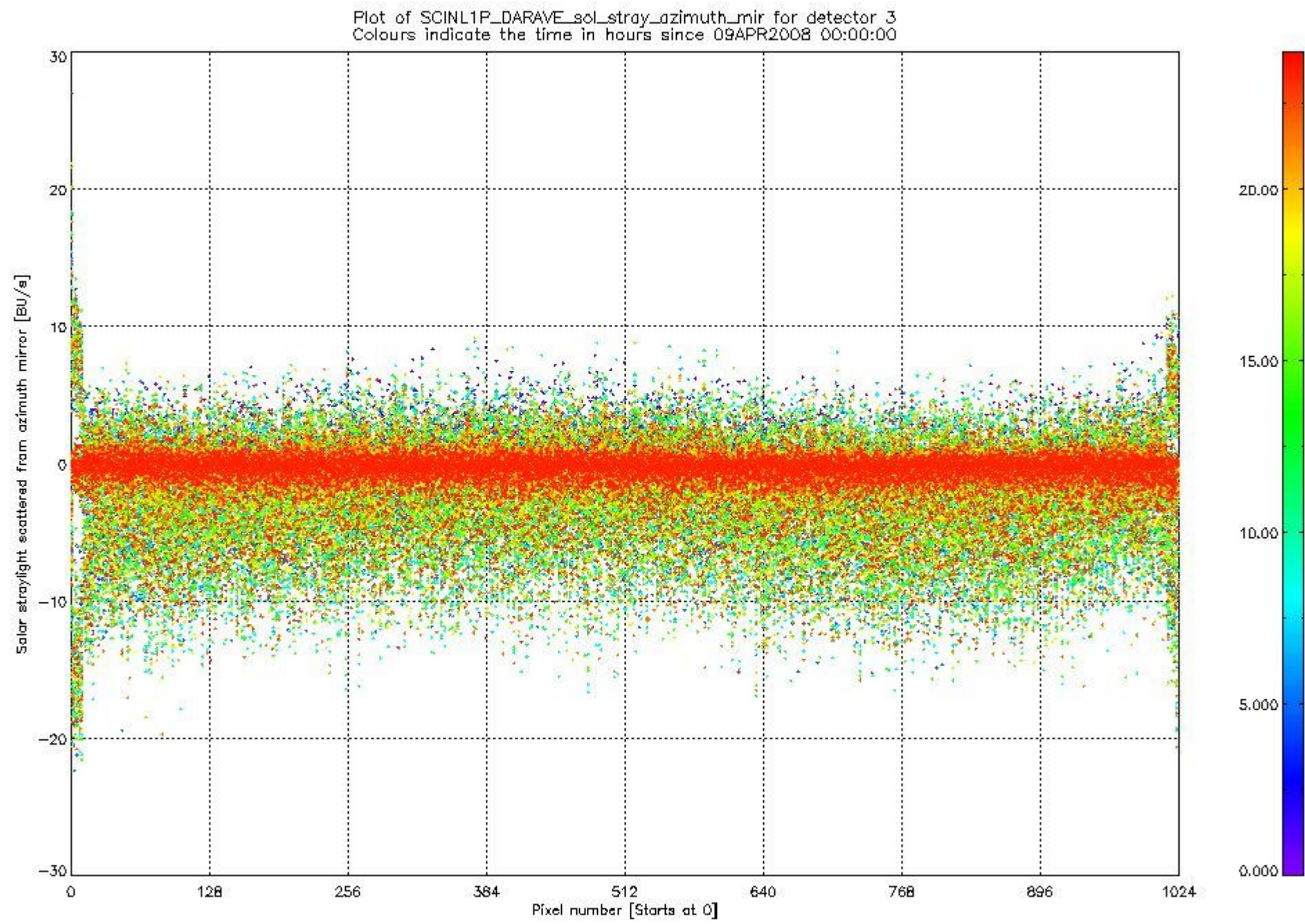


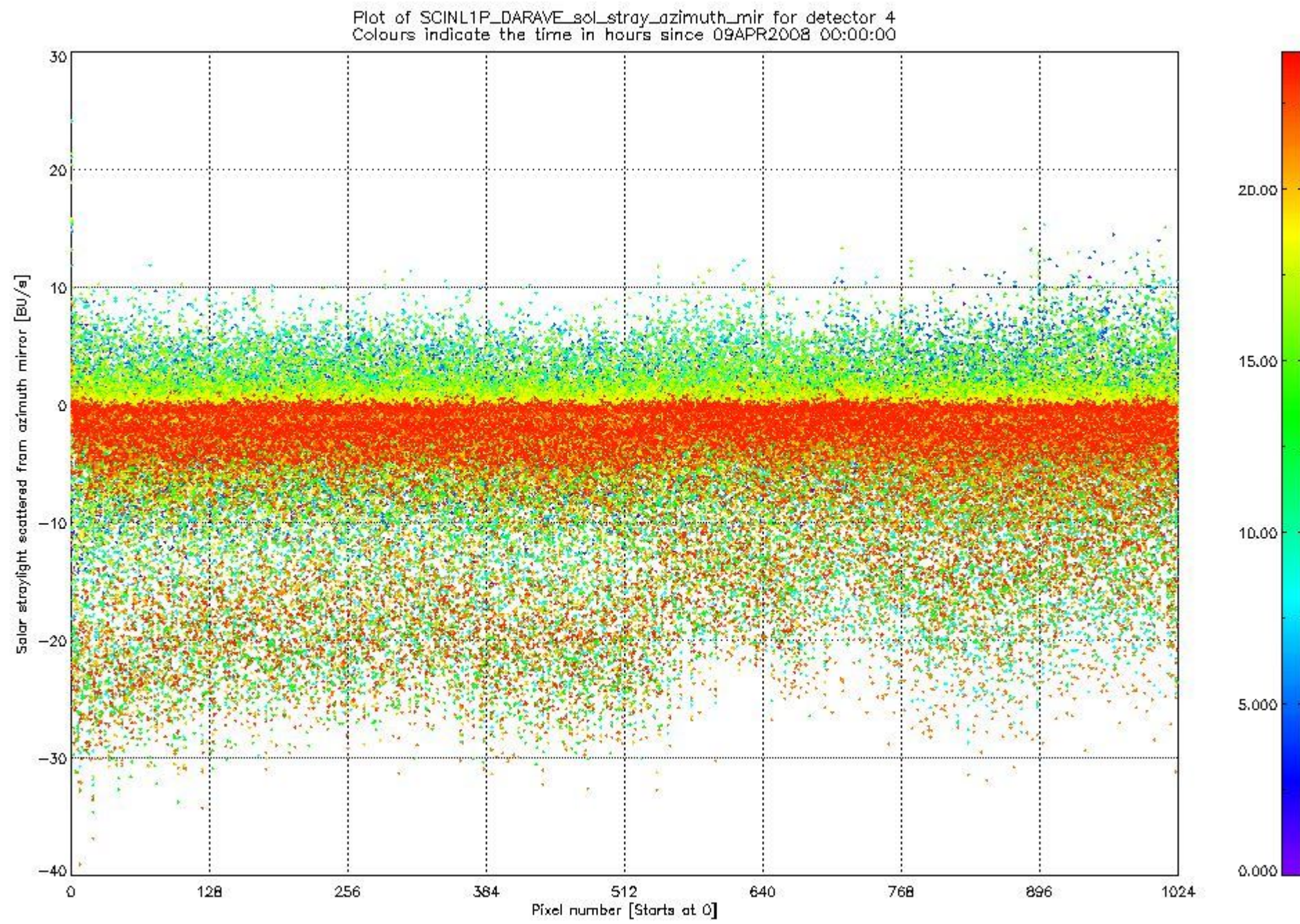
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_9.PNG



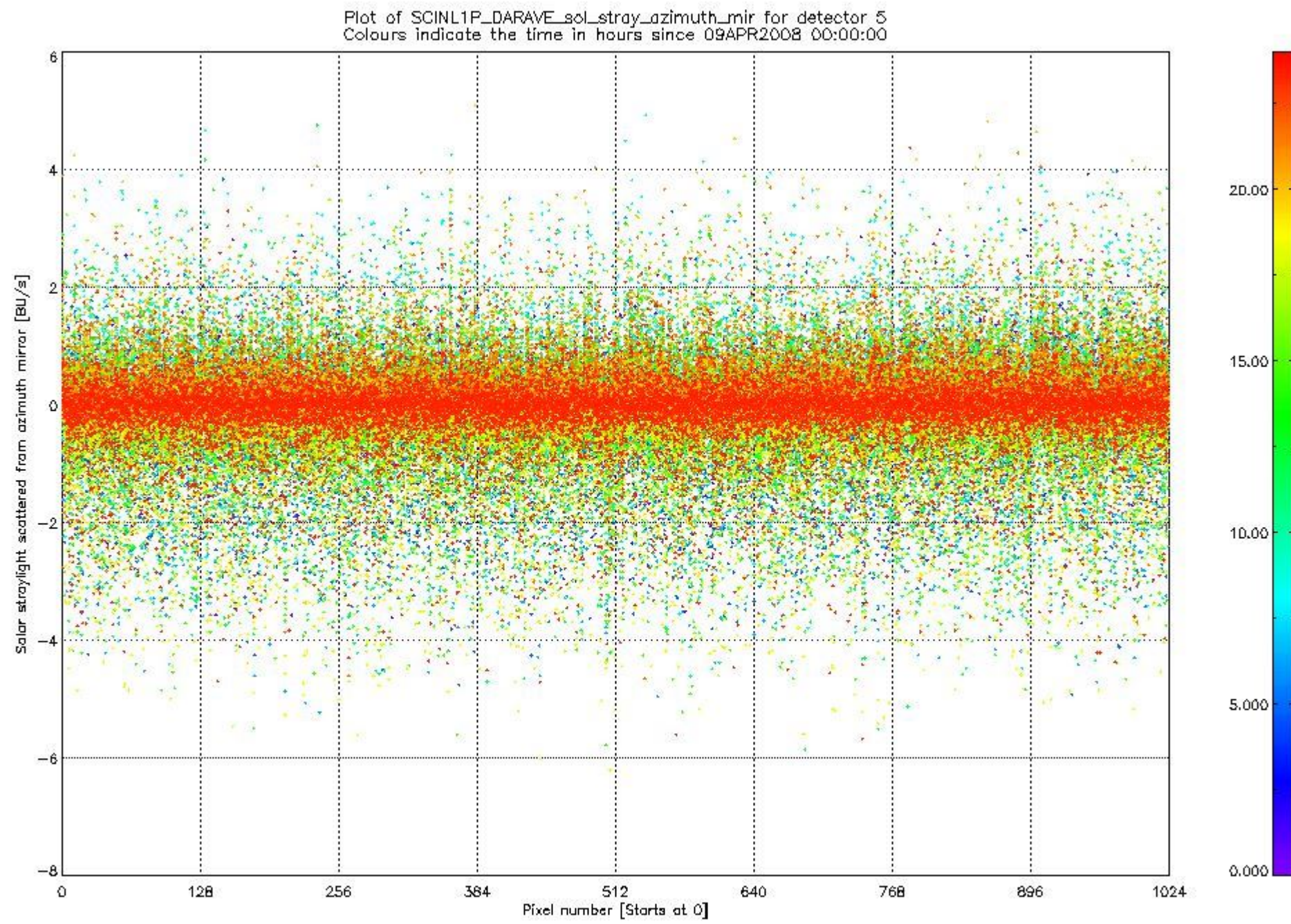
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_10.PNG



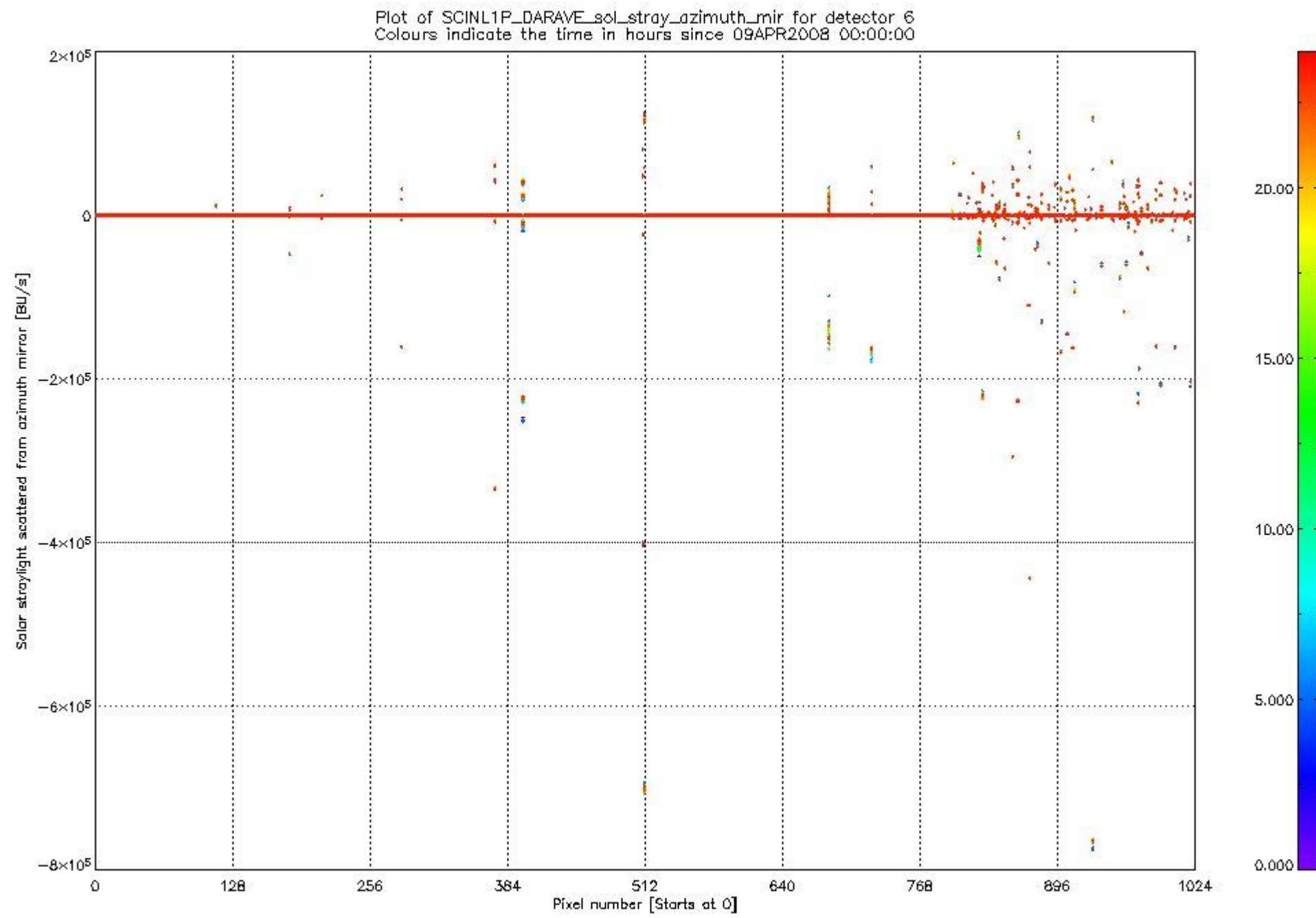




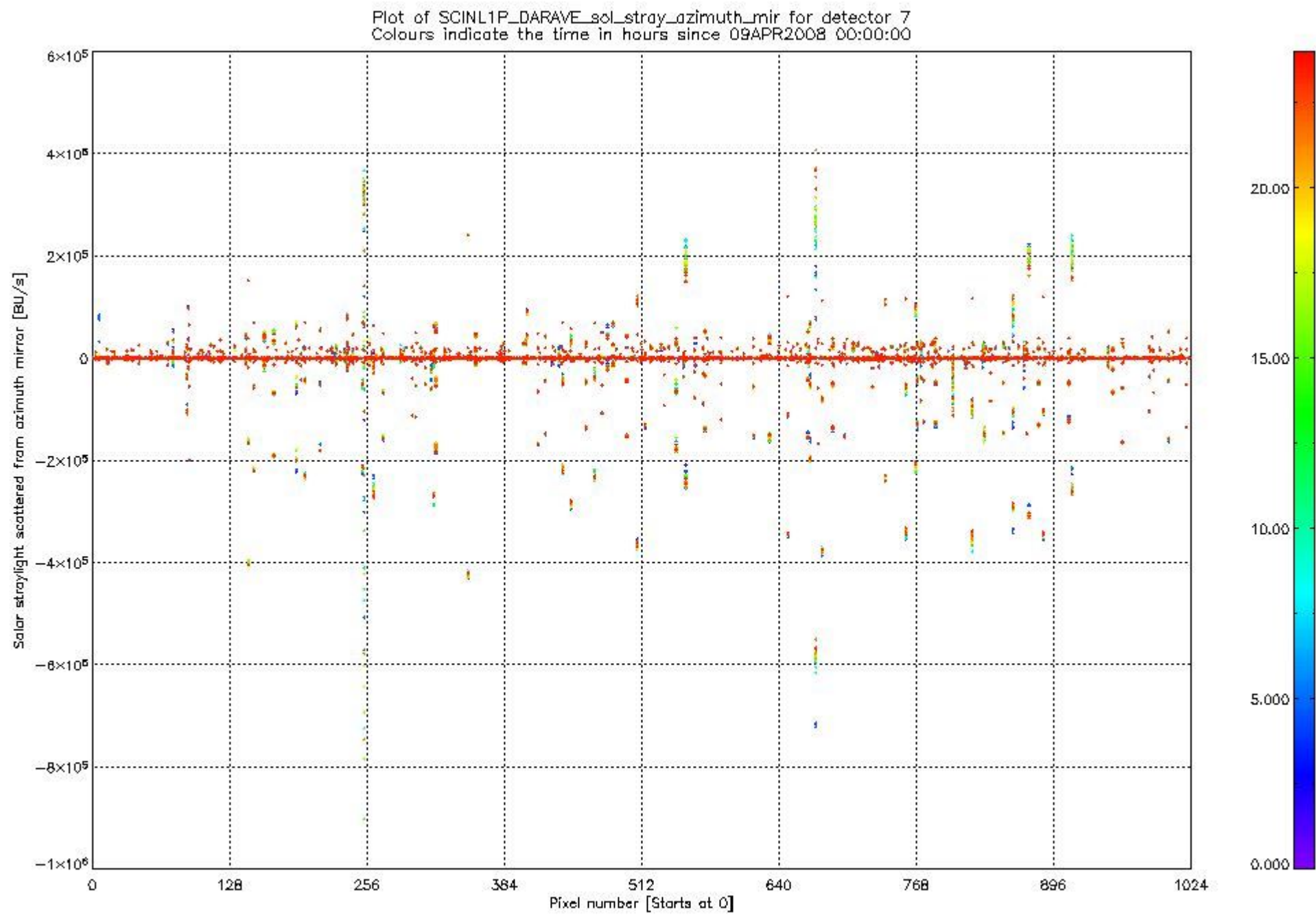
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_13.PNG



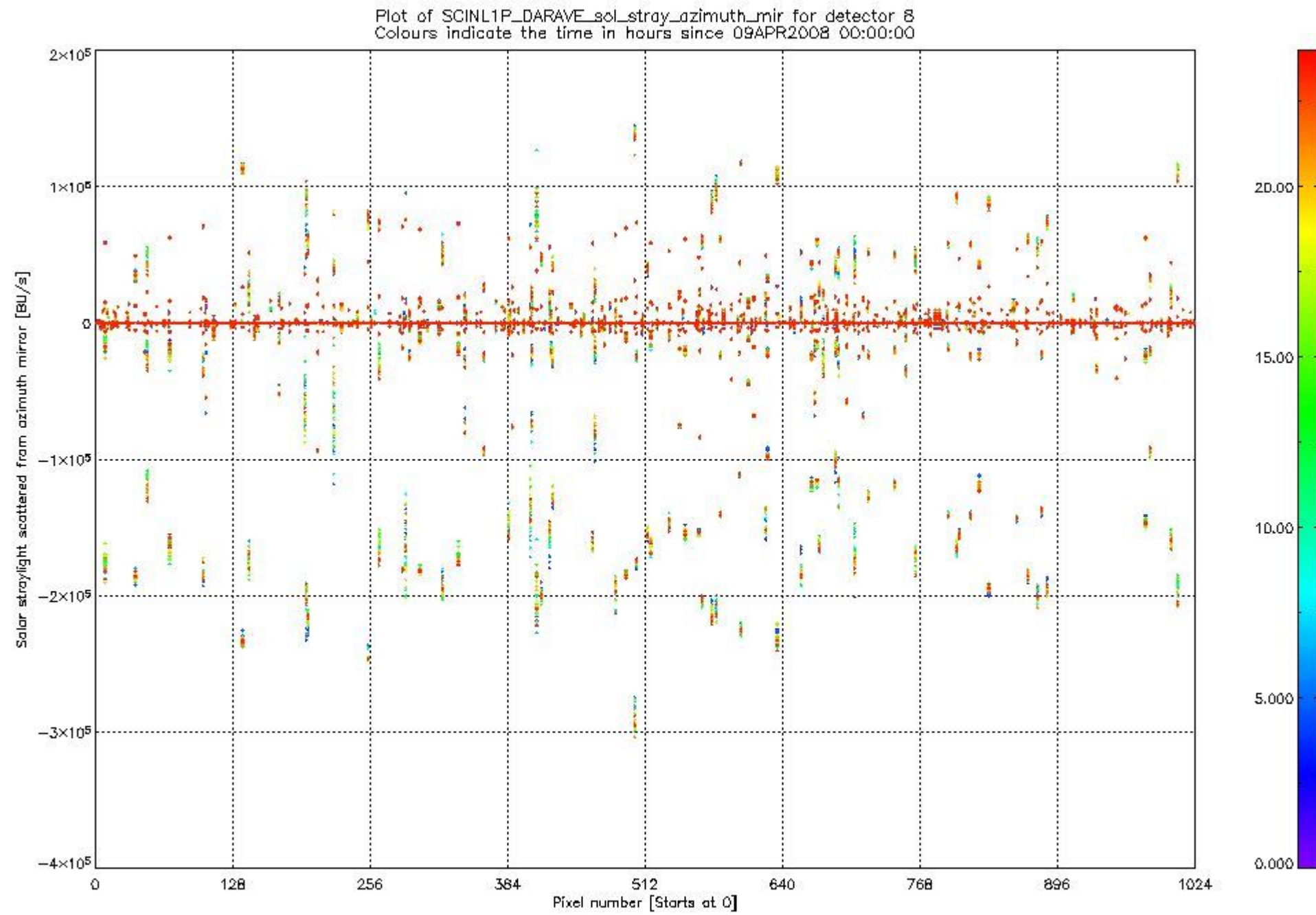
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_14.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080409_15.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080409_16.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080409_17.PNG

1.2.2 New leakage current parameters

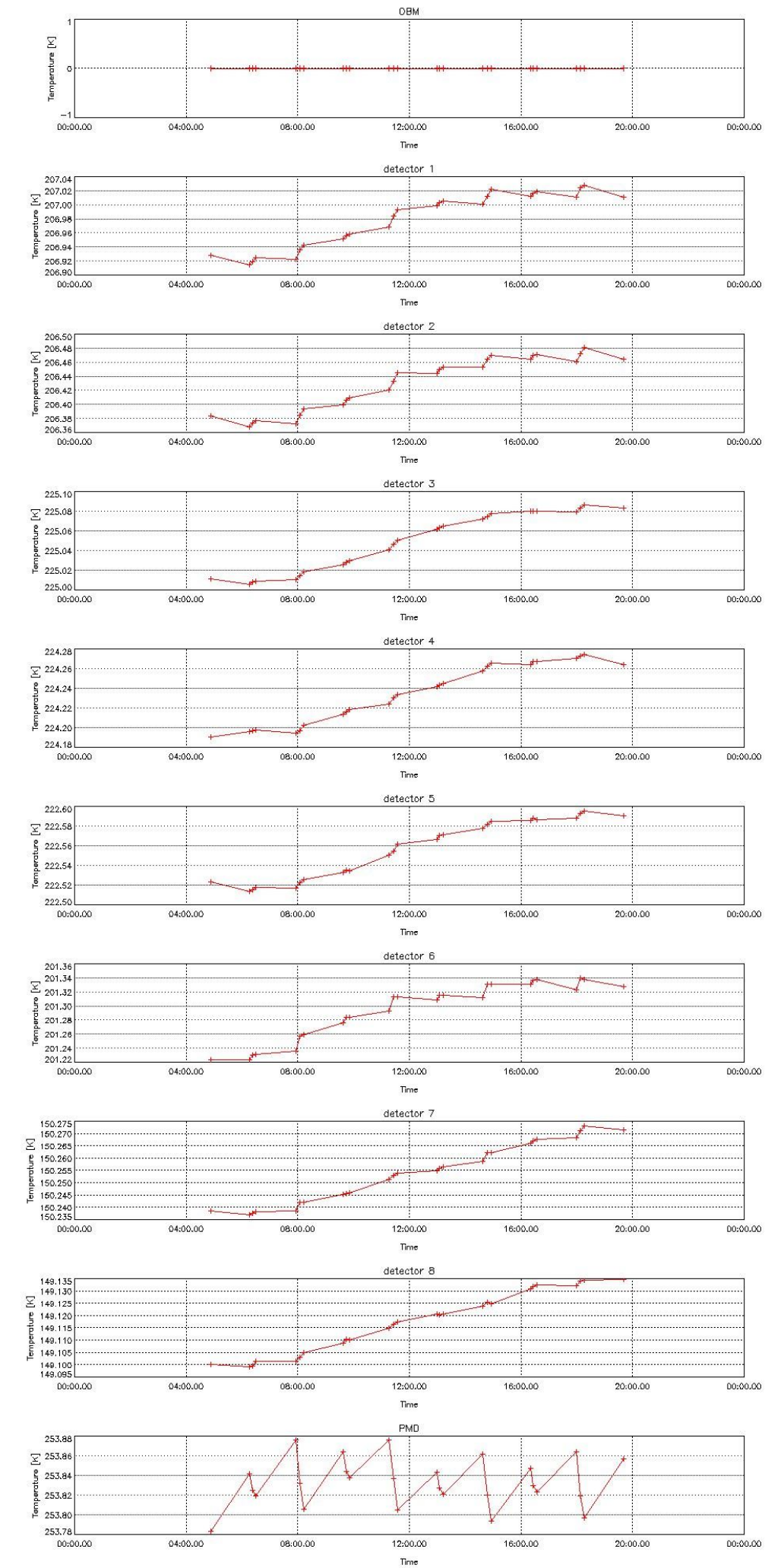
This section lists properties of the new leakage current data within the processing scope.

The following table shows the new leakage measurement data characteristics.

#	dsr_time	attach	orb_phase
0	09APR2008 04:53:21	1	0.323000
1	09APR2008 06:16:55	1	0.175222
2	09APR2008 06:22:27	1	0.252000
3	09APR2008 06:30:16	1	0.286667
4	09APR2008 07:55:18	1	0.139800
5	09APR2008 08:04:38	1	0.232400
6	09APR2008 08:13:14	1	0.317800
7	09APR2008 09:38:05	1	0.175222
8	09APR2008 09:43:38	1	0.252000
9	09APR2008 09:51:27	1	0.286667

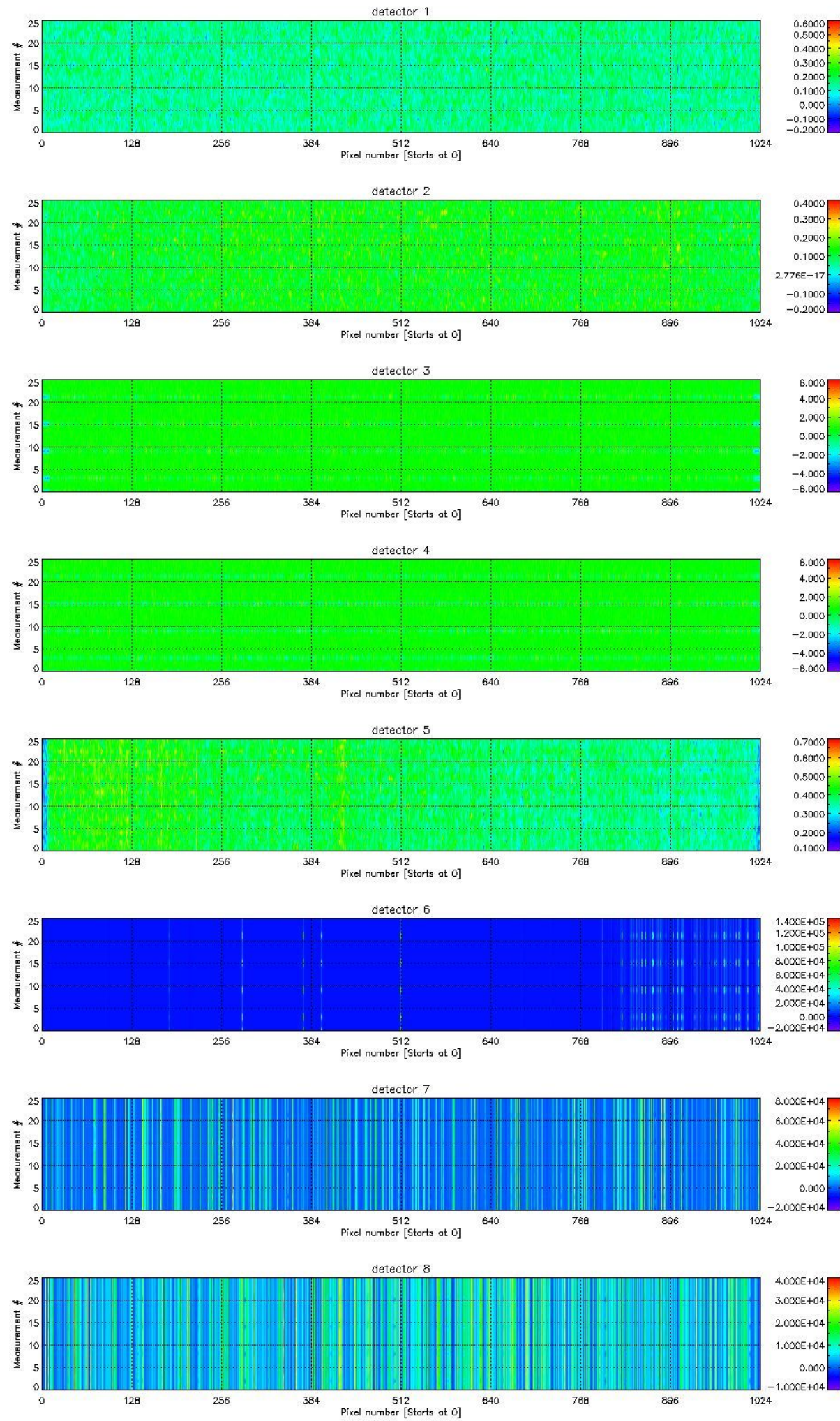
10	09APR2008 11:16:29	1	0.139600
11	09APR2008 11:25:49	1	0.232400
12	09APR2008 11:34:25	1	0.317800
13	09APR2008 12:59:16	1	0.175222
14	09APR2008 13:04:48	1	0.252000
15	09APR2008 13:12:37	1	0.286667
16	09APR2008 14:37:39	1	0.139600
17	09APR2008 14:47:00	1	0.232400
18	09APR2008 14:55:36	1	0.317800
19	09APR2008 16:20:27	1	0.175222
20	09APR2008 16:25:59	1	0.252000
21	09APR2008 16:33:48	1	0.286667
22	09APR2008 17:58:50	1	0.139400
23	09APR2008 18:08:11	1	0.232200
24	09APR2008 18:16:47	1	0.317800
25	09APR2008 19:41:38	1	0.161400

Plots of SCINL1P_NEWLEA_obm_det_prmd temperatures vs time on 09APR2008.



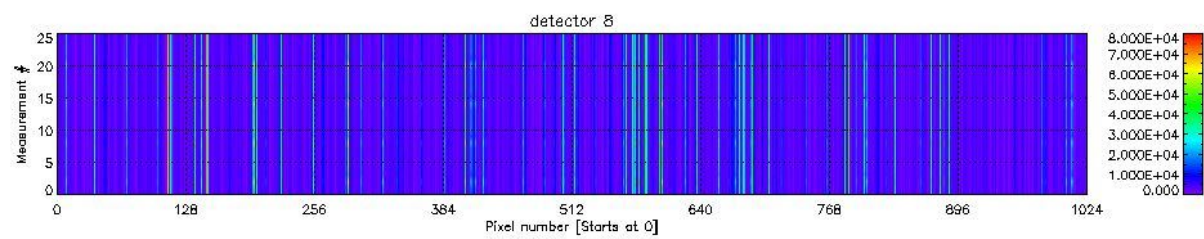
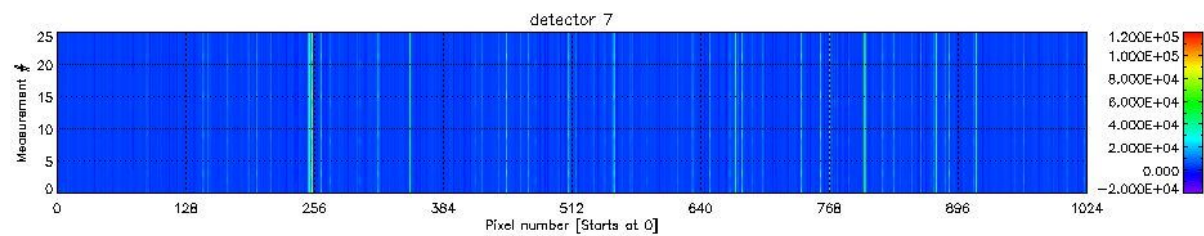
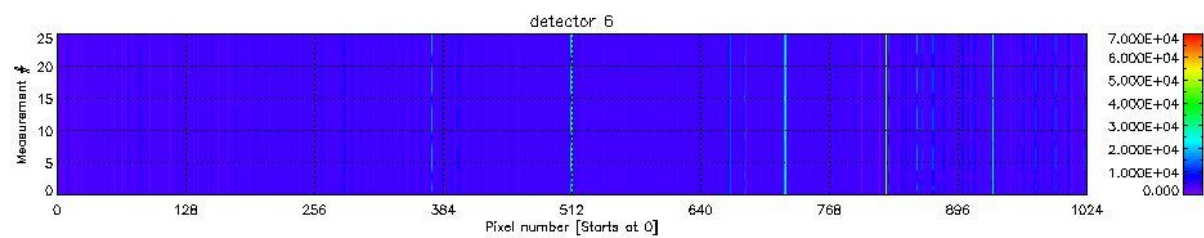
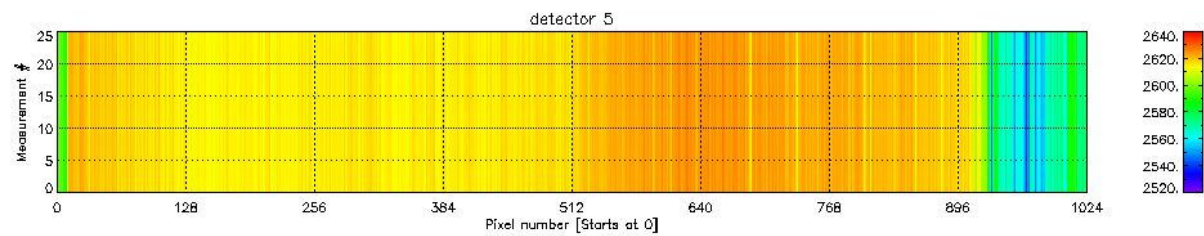
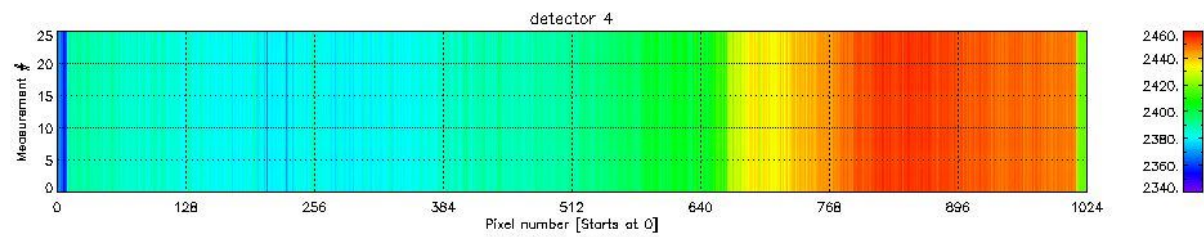
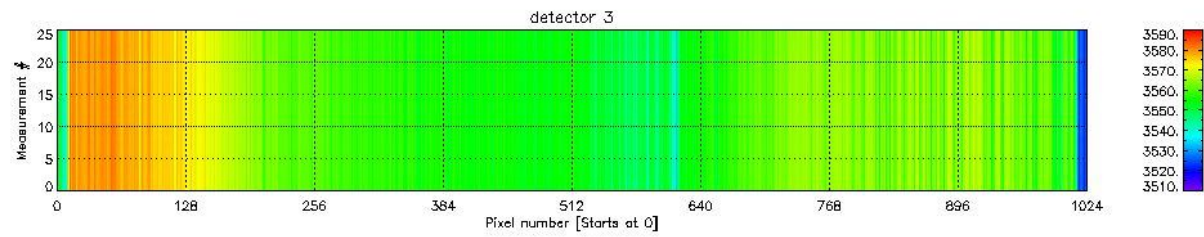
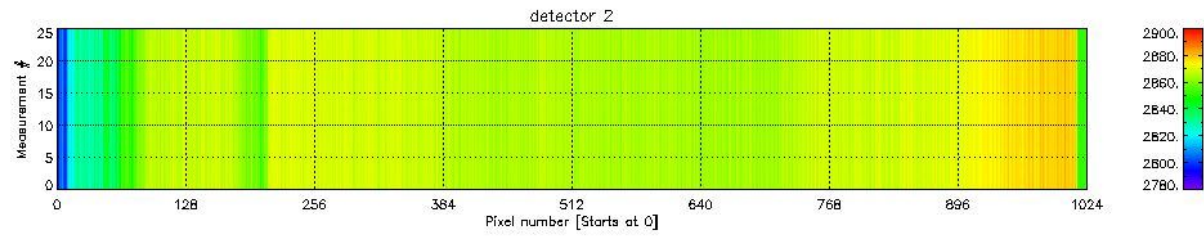
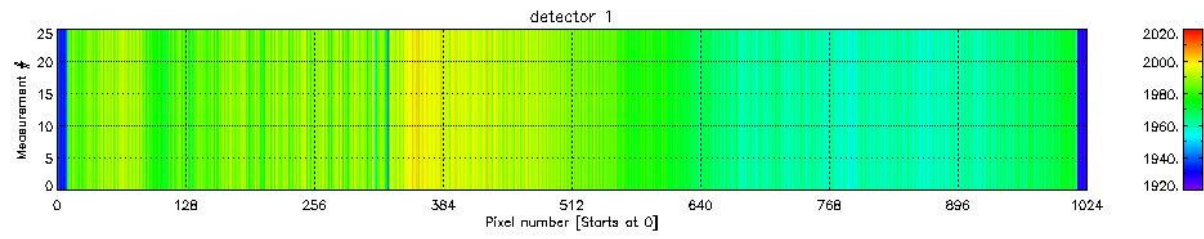
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_18.PNG

Plots of SCINLP_NEWLEA_leak_cur for various detectors on 09APR2008.
Colours indicate the value in BU/s.



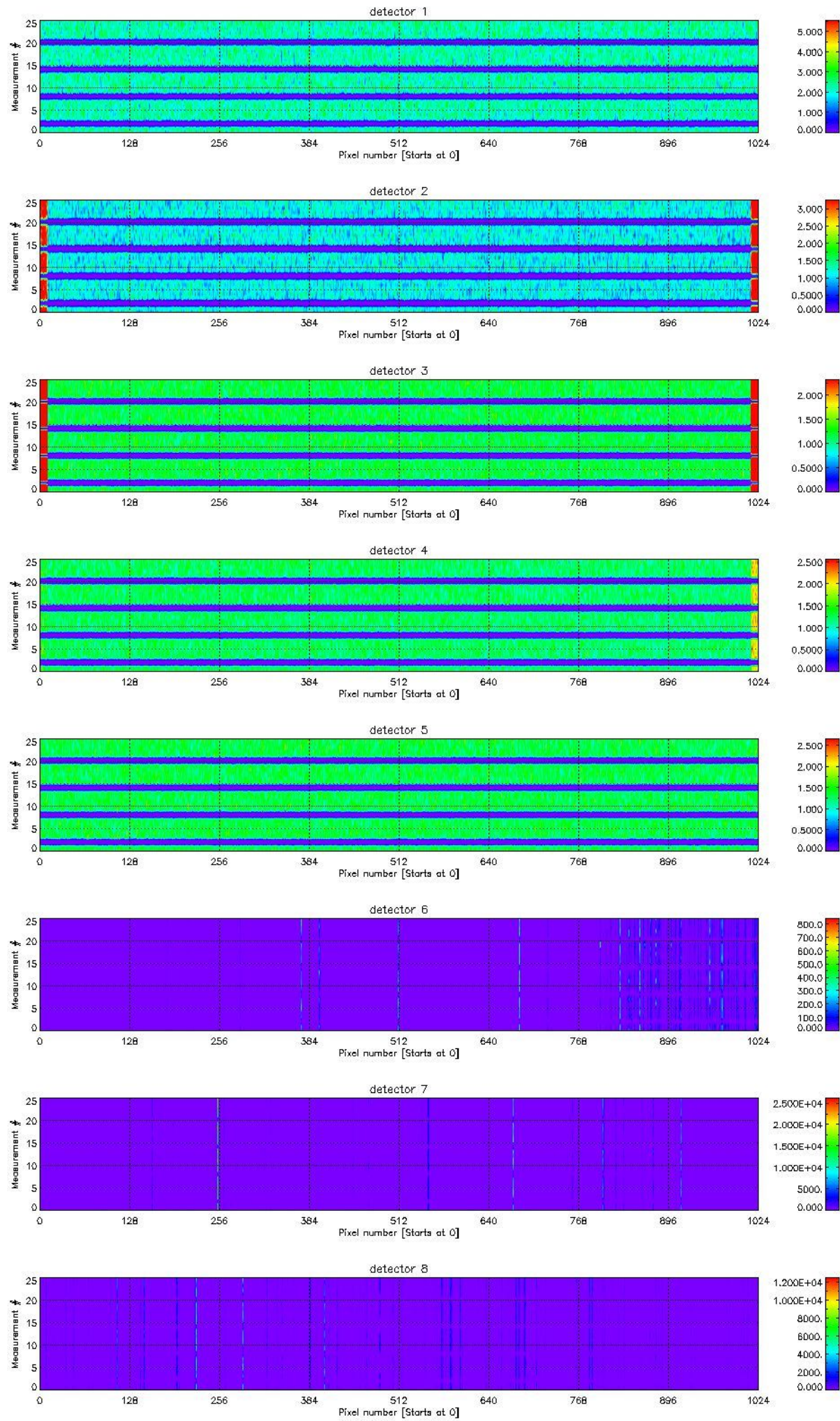
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_19.PNG

Plots of SCINLP_NEWLEA_fpn for various detectors on 09APR2008.
Colours indicate the value in BU.



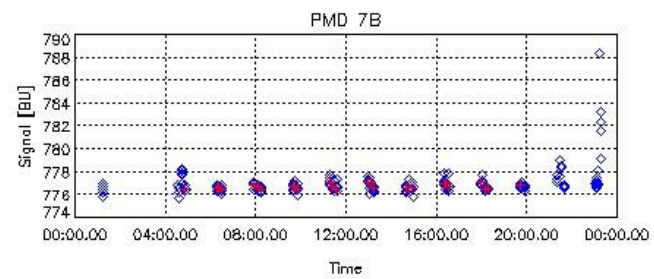
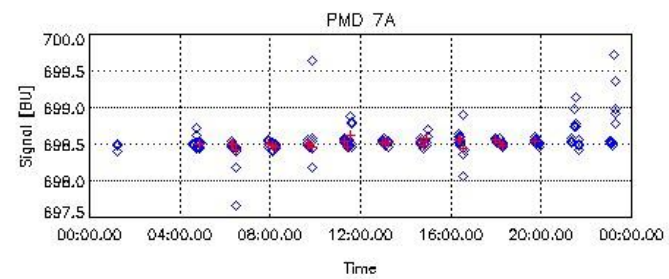
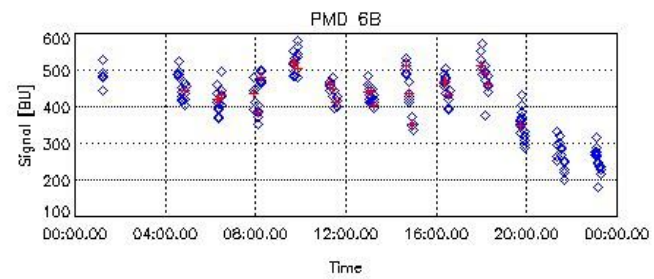
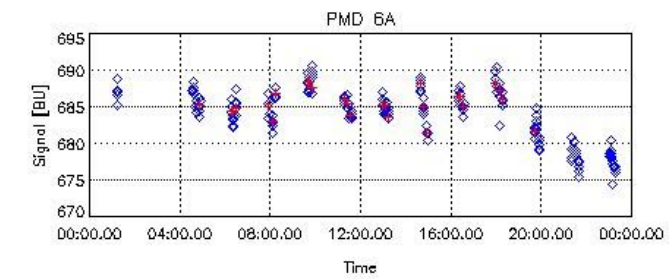
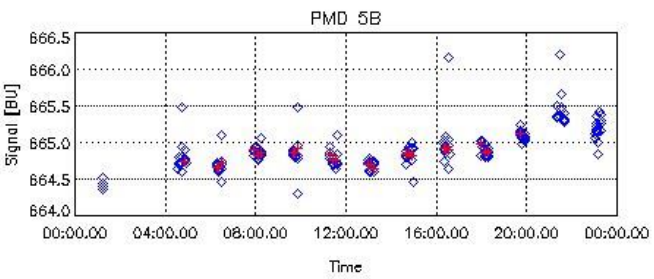
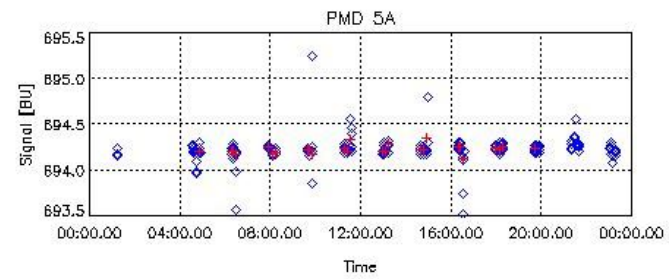
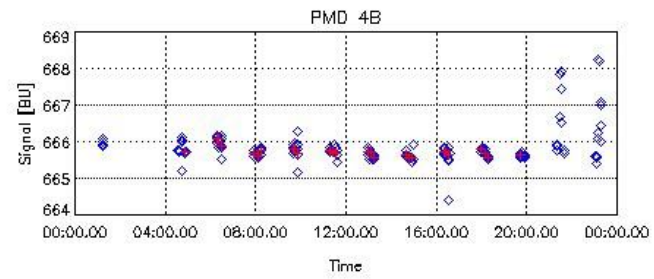
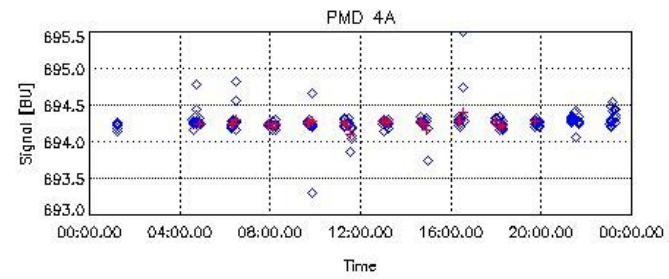
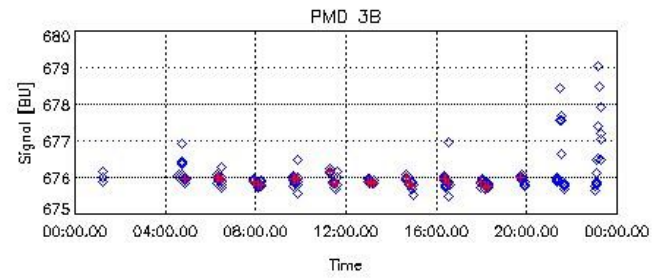
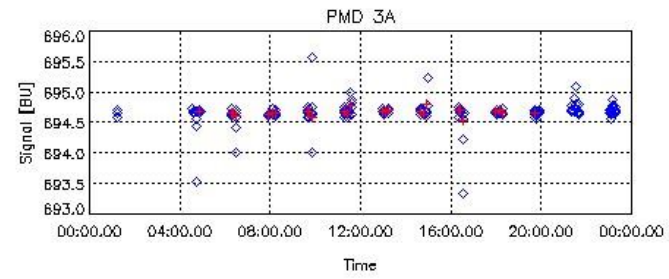
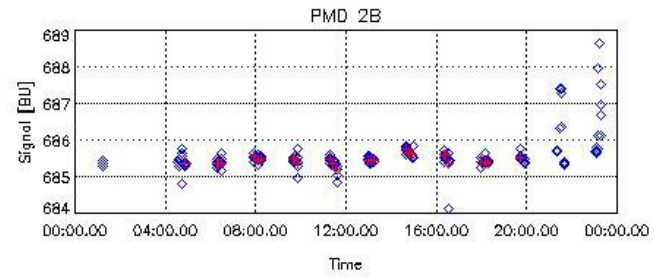
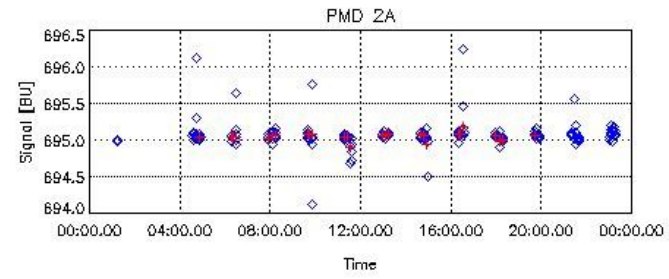
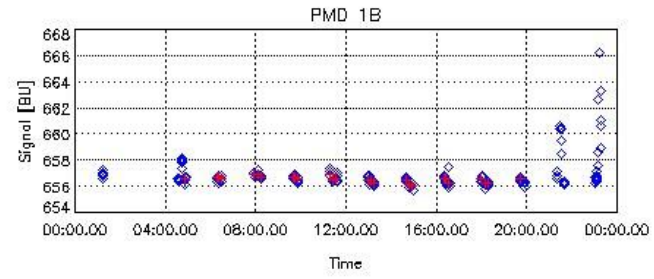
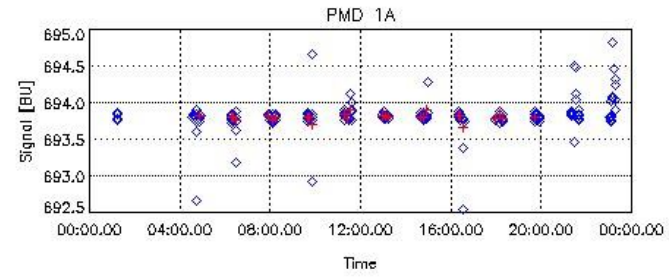
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_20.PNG

Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 09APR2008.
Colours indicate the value in BU.



sciamachy_daily_report_level1_SCIA_6_03_N_20080409_21.PNG

Plots of SCINL1P_NEWLEA_pmd_off vs time on 09APR2008 (red).
Dark average pmd data is given in blue for comparison.



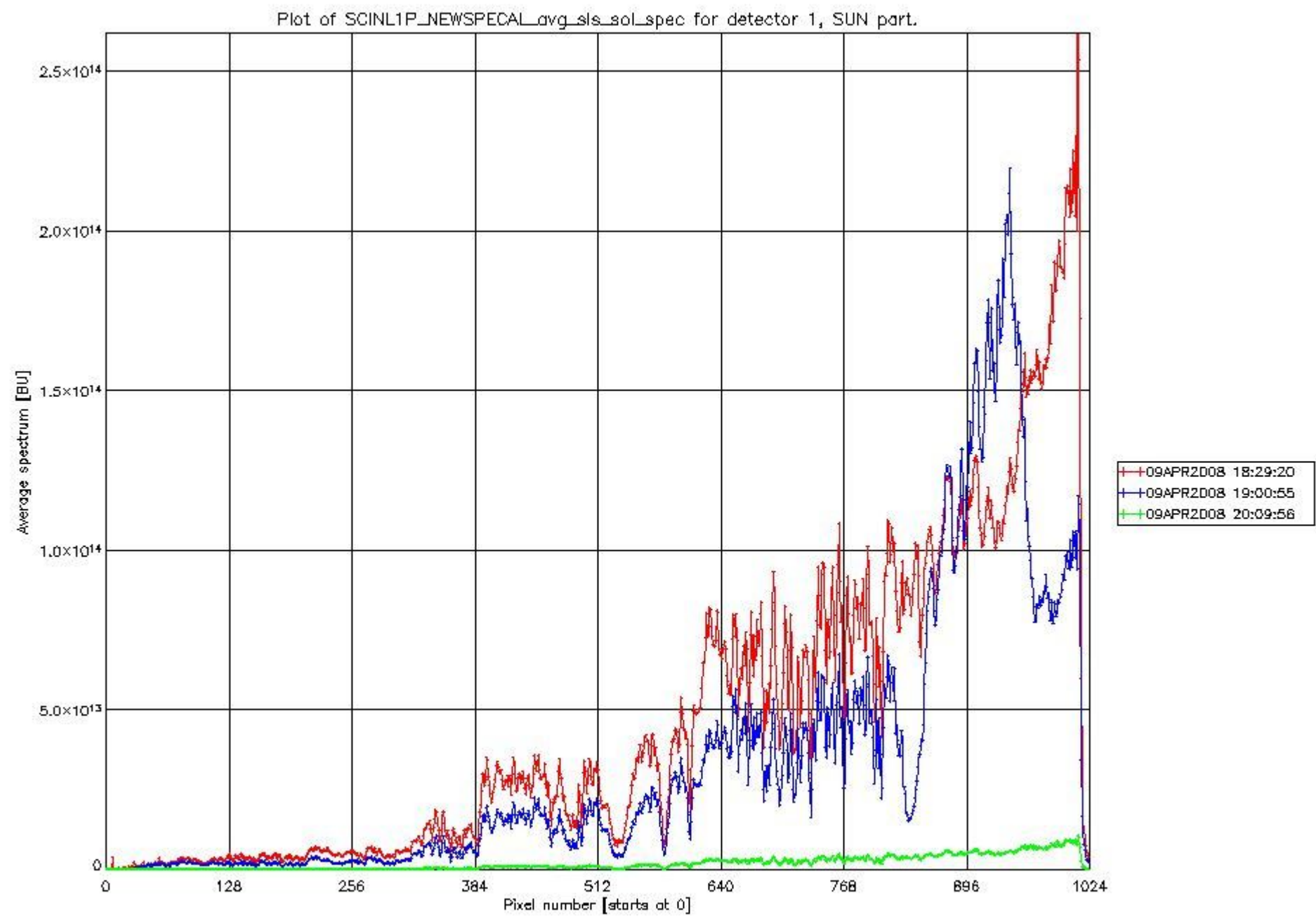
1.2.3 Spectral calibration parameters

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

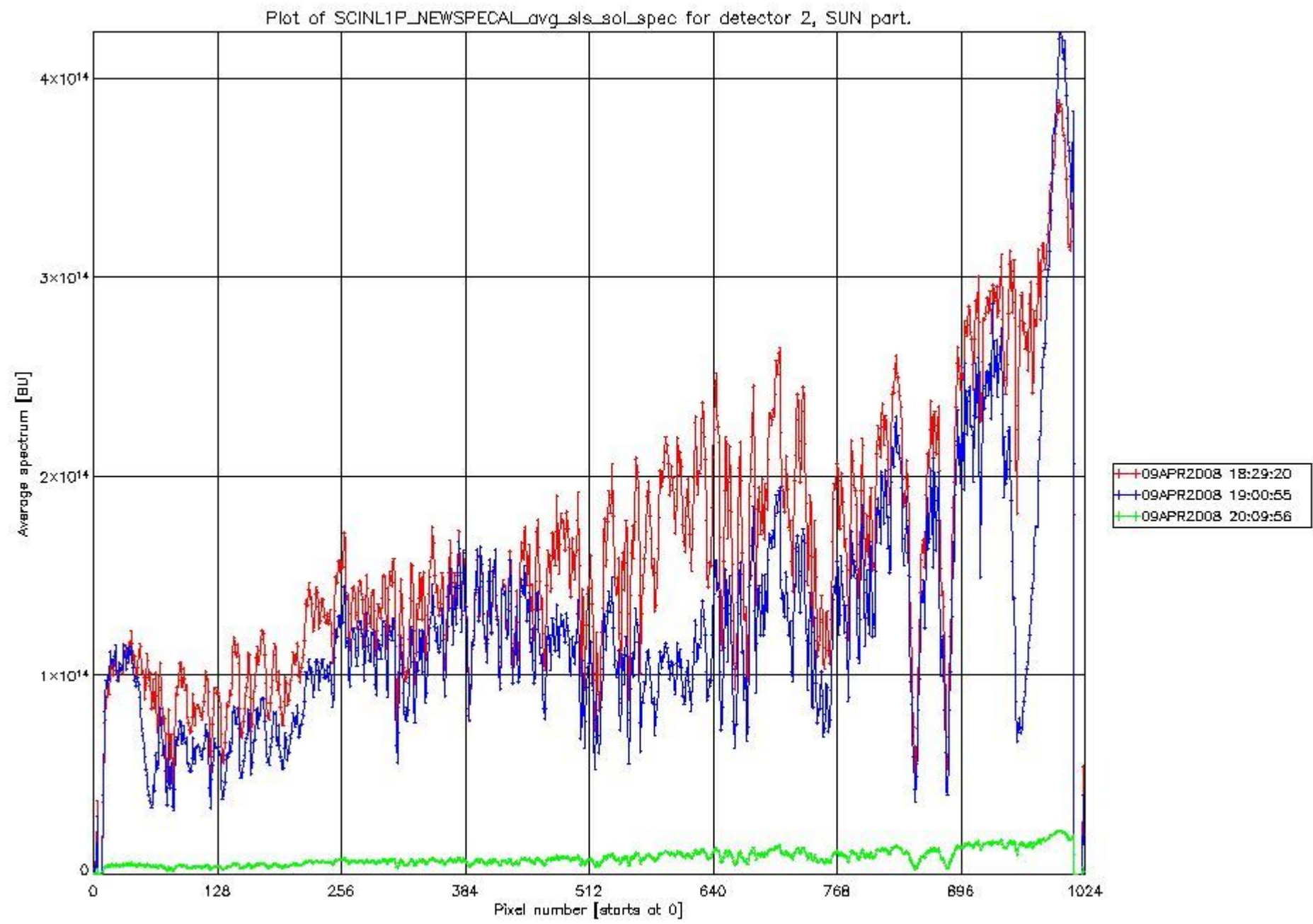
The following table lists general properties of the spectral calibration.

#	dsr_time	attach	orb_phase	source	#lines	cal_error [nm]	coeff[0]	coeff[1]	coeff[2]	coeff[3]	coeff[4]
0	09APR2008 18:29:20	0	0.431000	SUN	3	0.00113095	0.046297681	-5.4242500e-05	2.0180034e-08	0.0000000	0.0000000
				SUN	2	0.00404102	0.026031110	-0.00011916862	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00119305	-0.13877745	-4.6721911e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00316653	-0.18850675	-0.00010061581	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	09APR2008 19:00:55	0	0.744000	SUN	2	0.00445461	-0.066015467	0.00011065970	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00102015	-0.11406988	-3.9638835e-05	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00169837	-0.21546218	-5.3945823e-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
2	09APR2008 20:09:56	0	0.431000	SUN	3	0.00128087	0.051119220	-5.9116599e-05	2.2737177e-08	0.0000000	0.0000000
				SUN	2	0.00380568	0.026293879	-0.00011221565	0.0000000	0.0000000	0.0000000
				SUN	2	0.00325319	-0.056515224	-0.00012650447	0.0000000	0.0000000	0.0000000
				SUN	2	0.00201548	-0.26397216	9.5080155e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00335465	-0.20131421	-0.00010659741	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

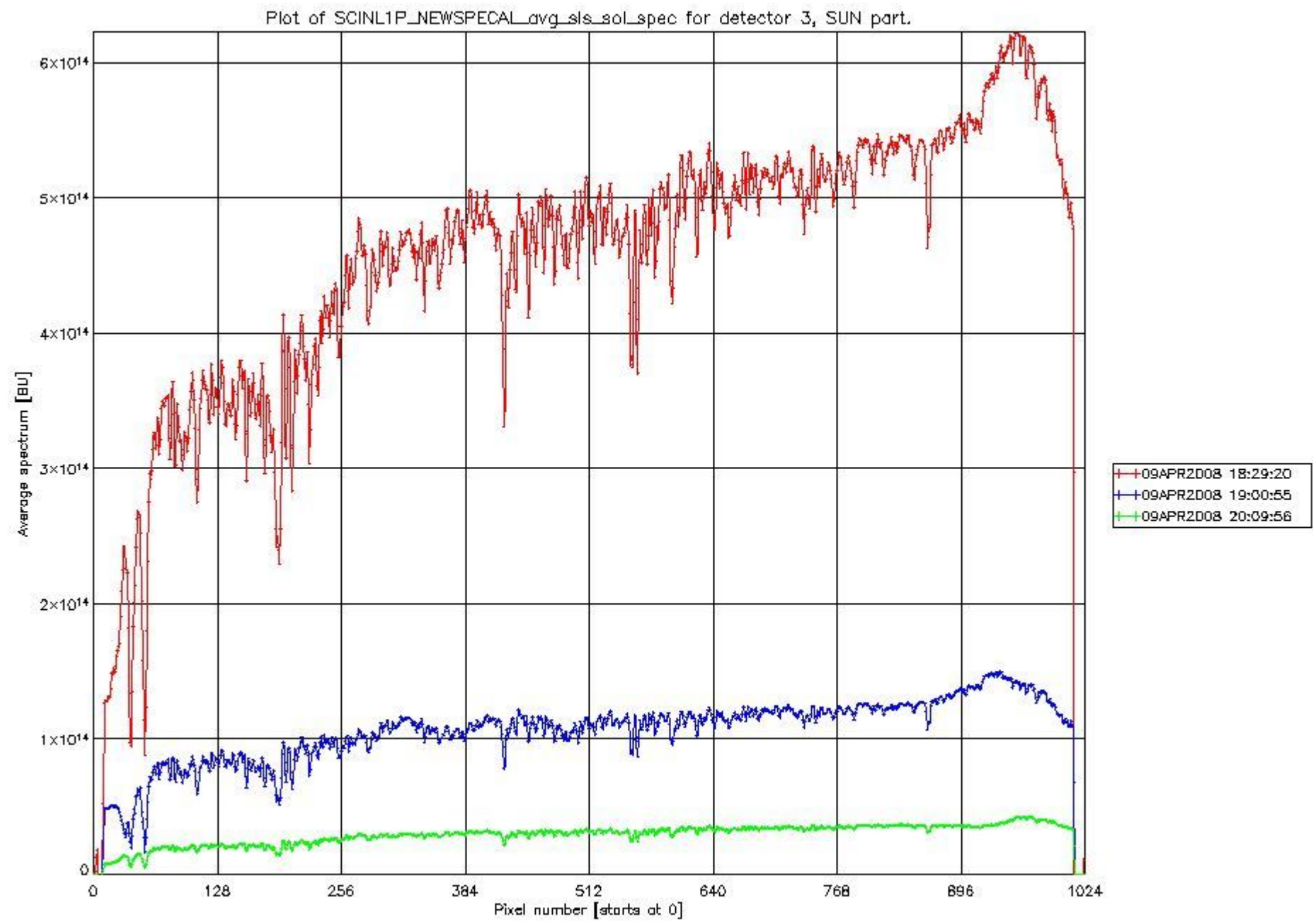
The following figures give an overview of the recorded signal for each detector.

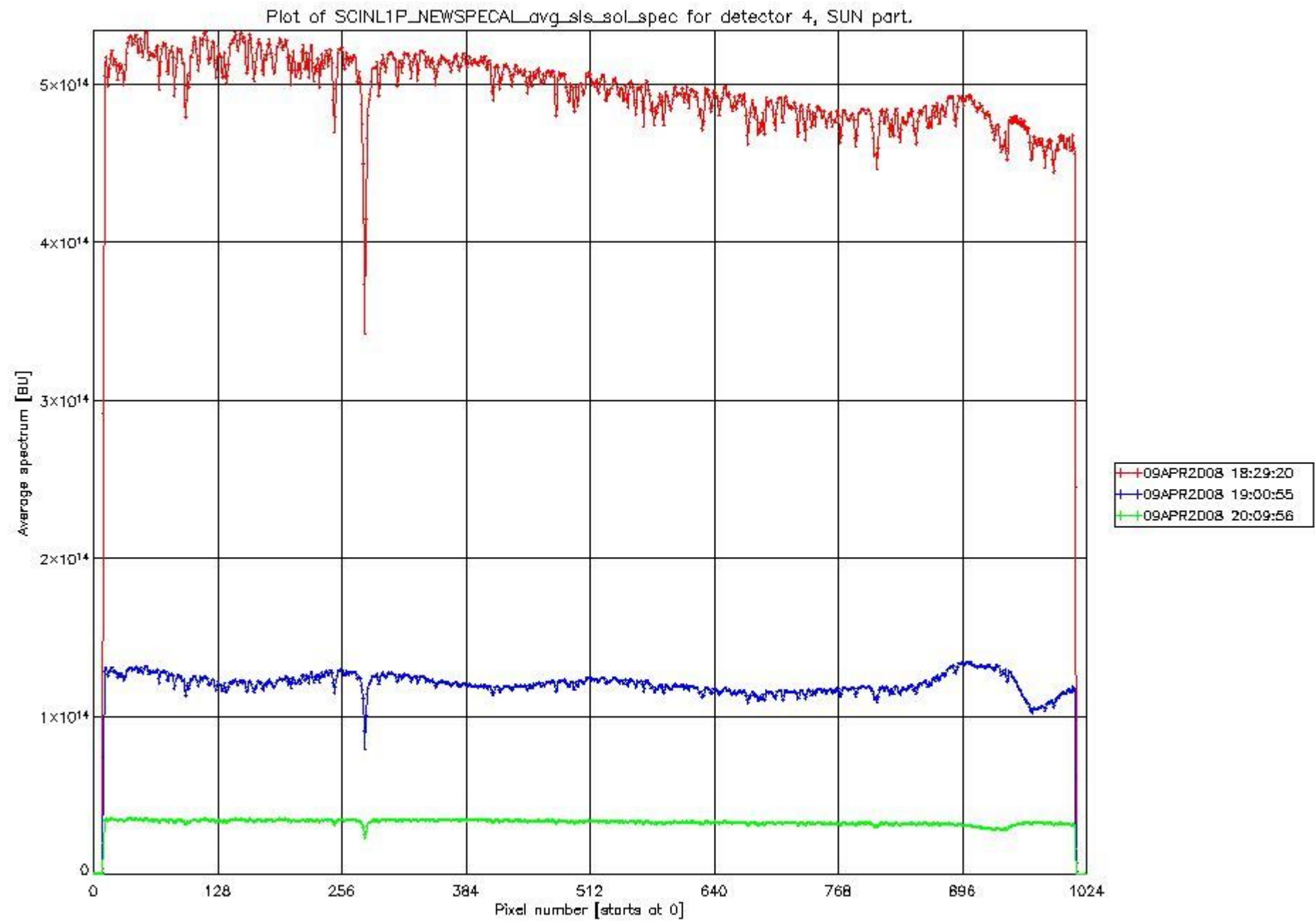


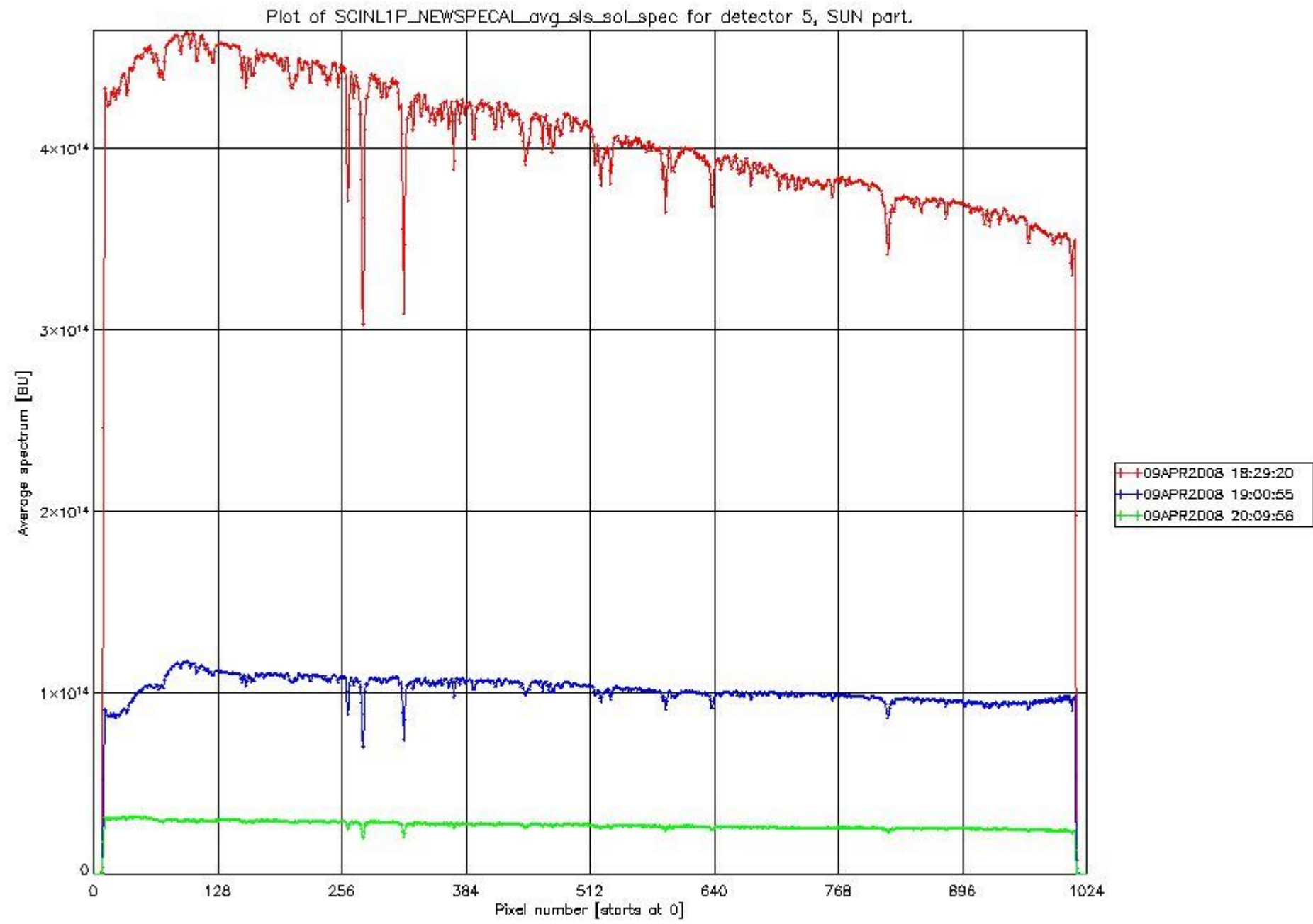
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_23.PNG

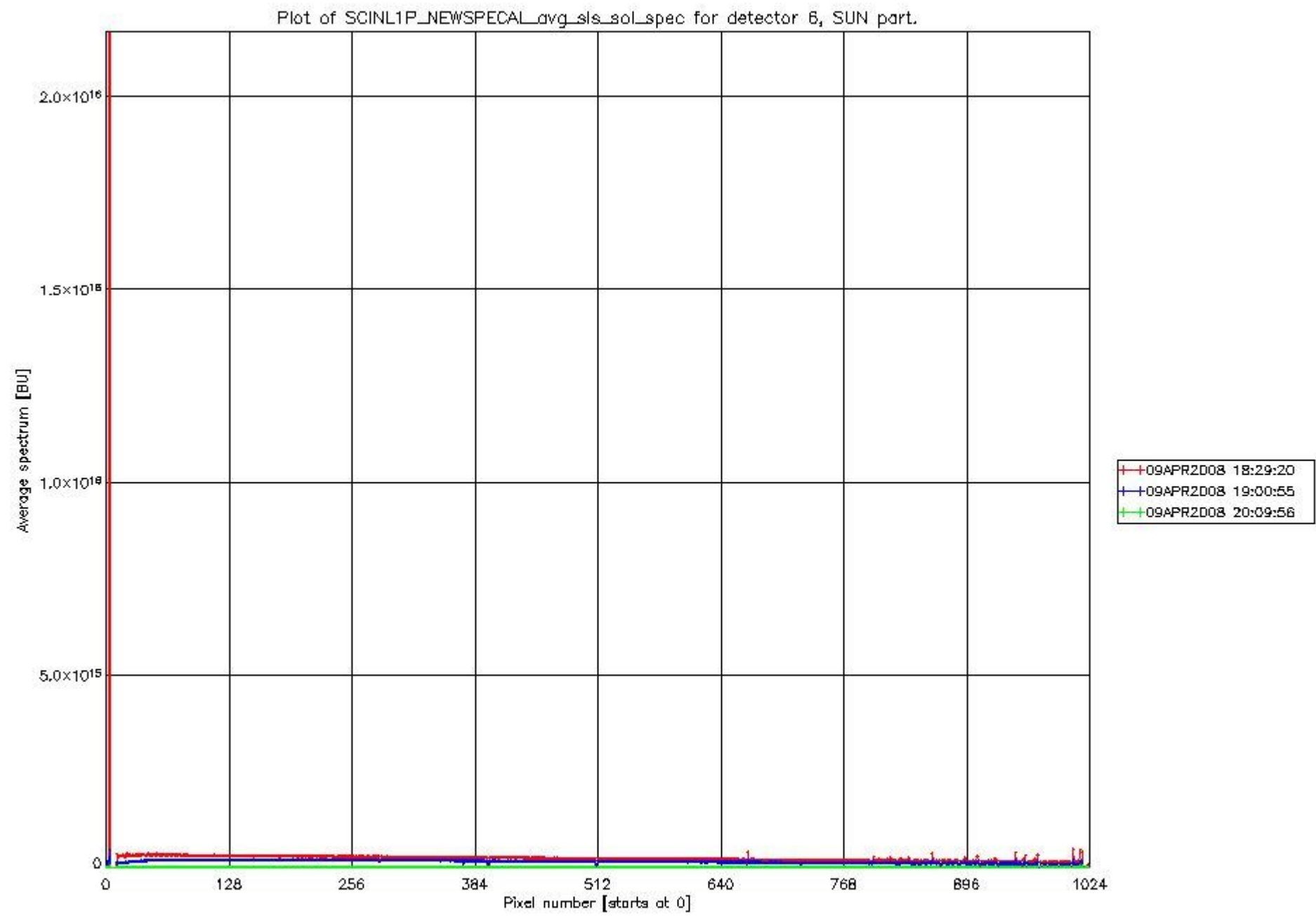


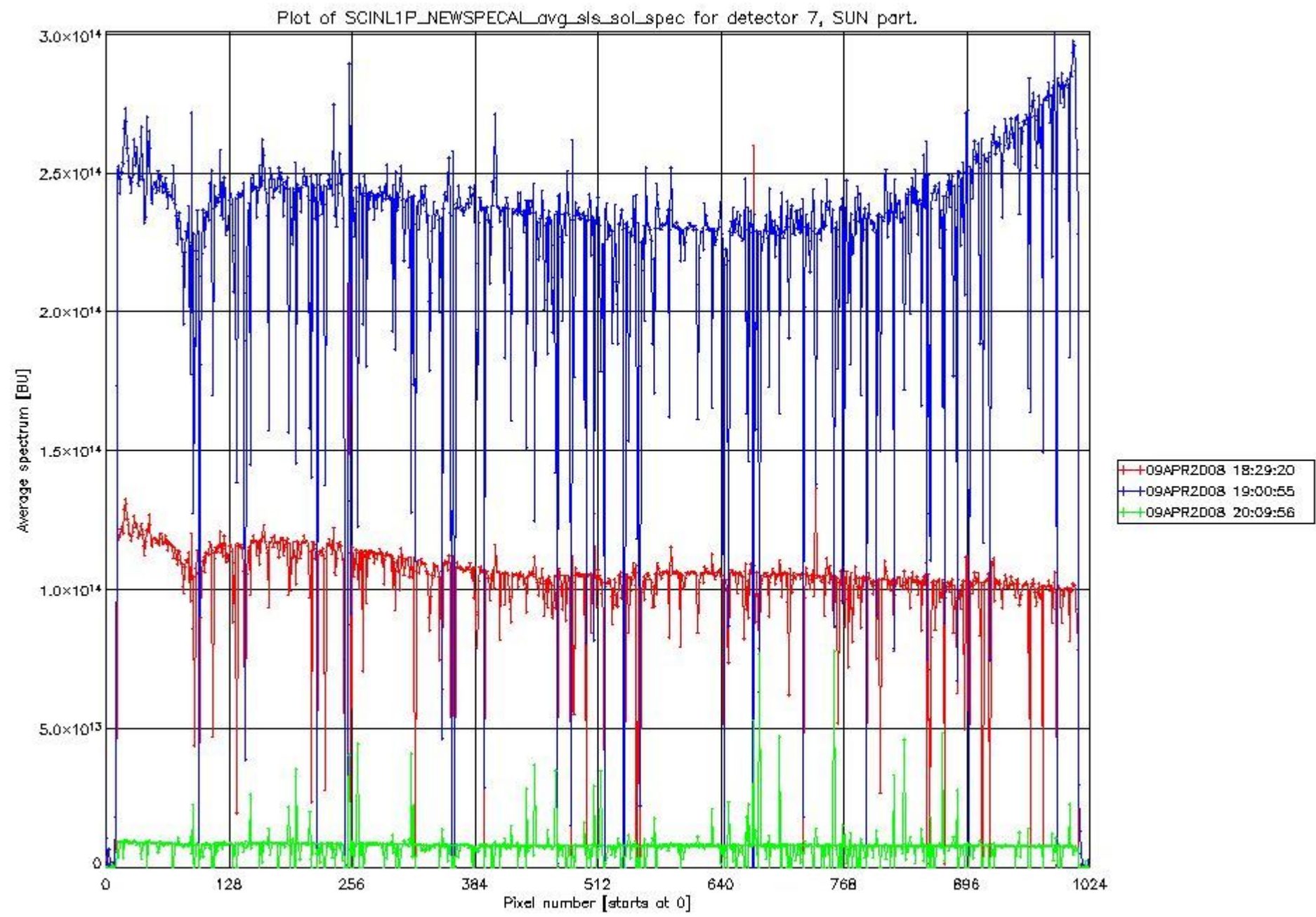
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_24.PNG

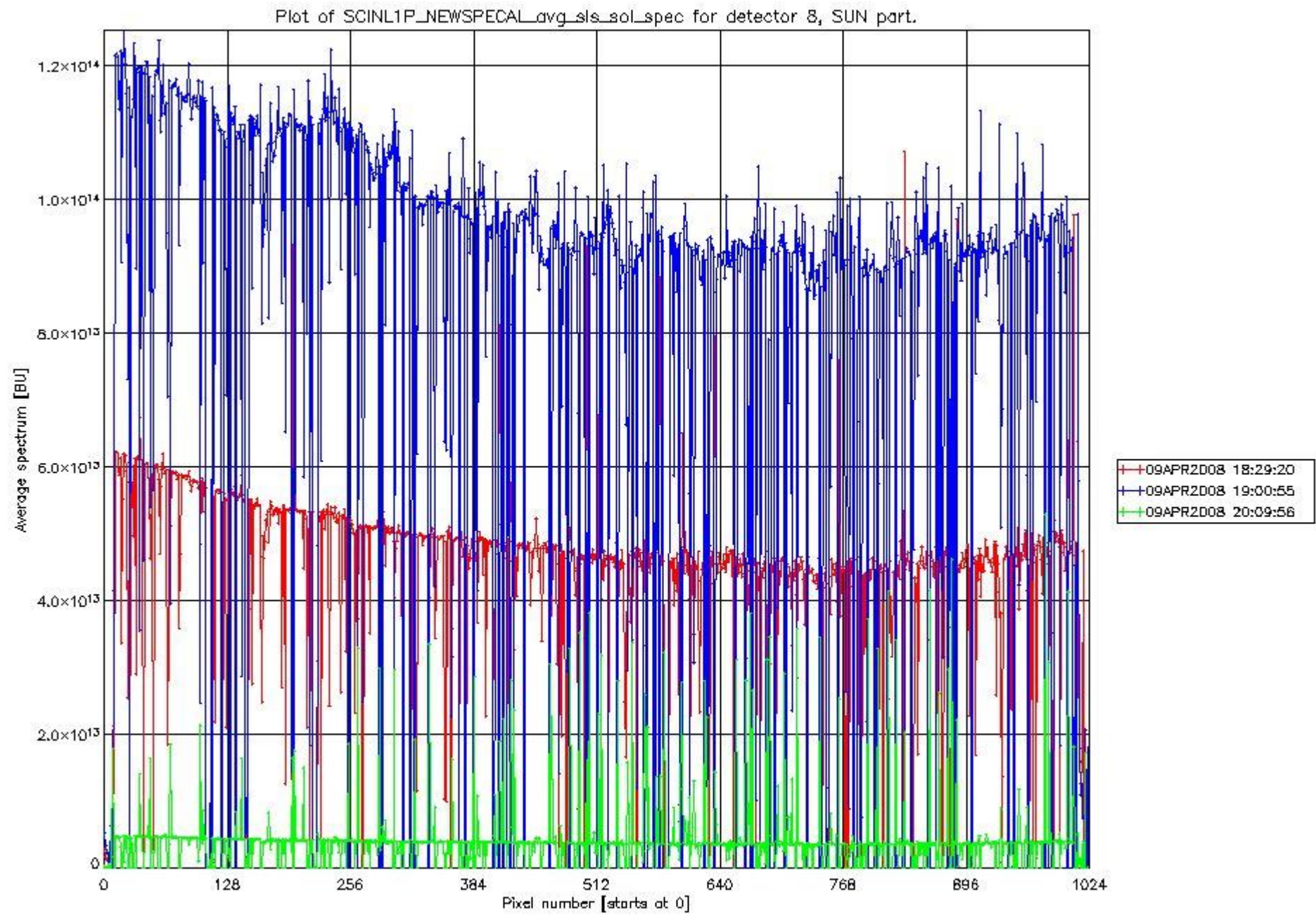












sciamachy_daily_report_level1_SCIA_6_03_N_20080409_30.PNG

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

1.2.4 New sun reference spectrum parameters

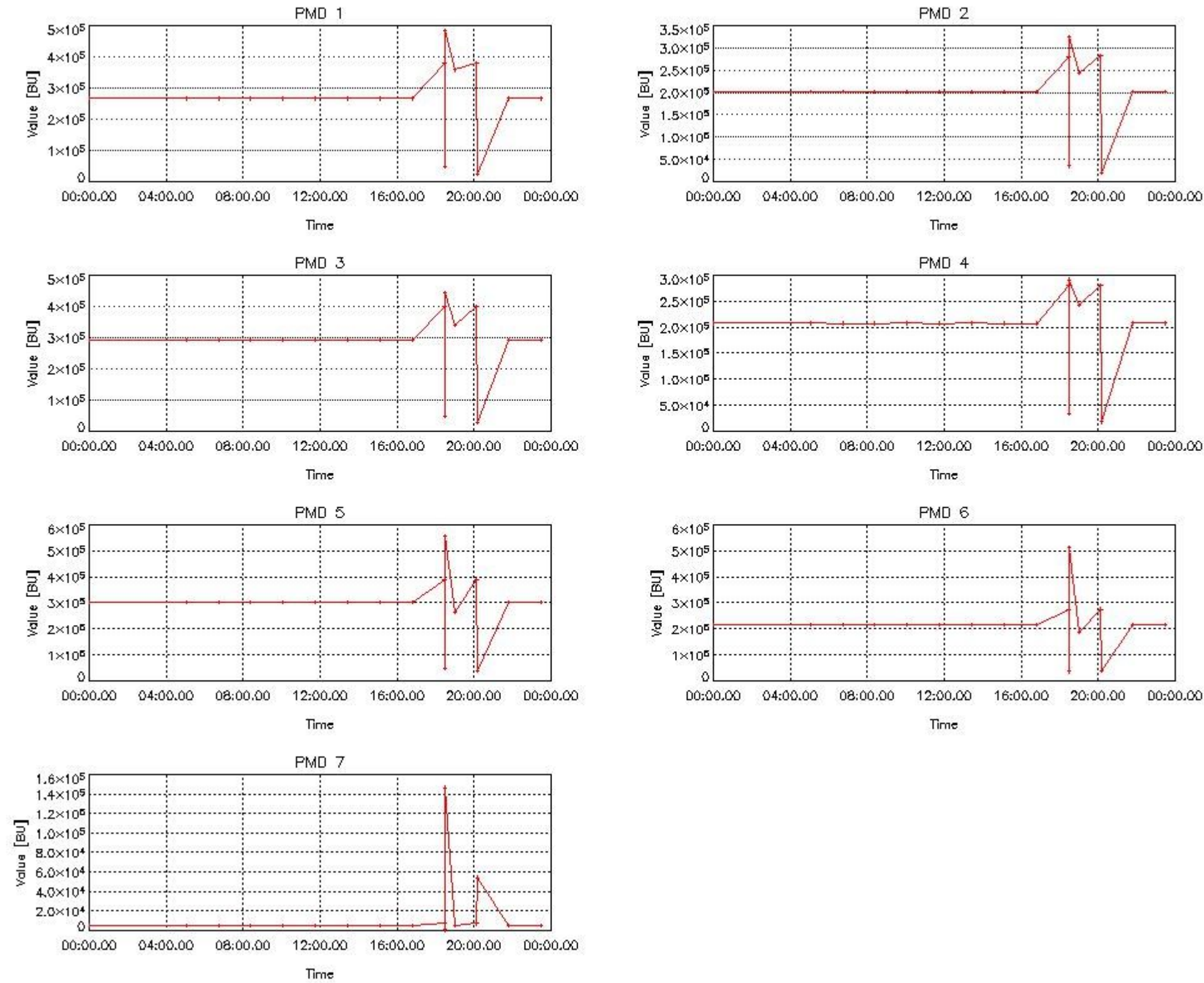
This section lists properties of the new sun reference spectrum data within the processing scope.

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	09APR2008 00:00:52	0	O 1	1	-30.5647	-11.7658	0.00000	0.0101083
		0	U 1	1	-30.5647	-11.7658	0.00000	0.0101083
1	09APR2008 05:02:39	0	O 1	1	-30.5844	-11.7648	0.00000	0.0101123
		0	U 1	1	-30.5844	-11.7648	0.00000	0.0101123
2	09APR2008 06:43:14	0	O 1	1	-30.5915	-11.7638	0.00000	0.0101139
		0	U 1	1	-30.5915	-11.7638	0.00000	0.0101139

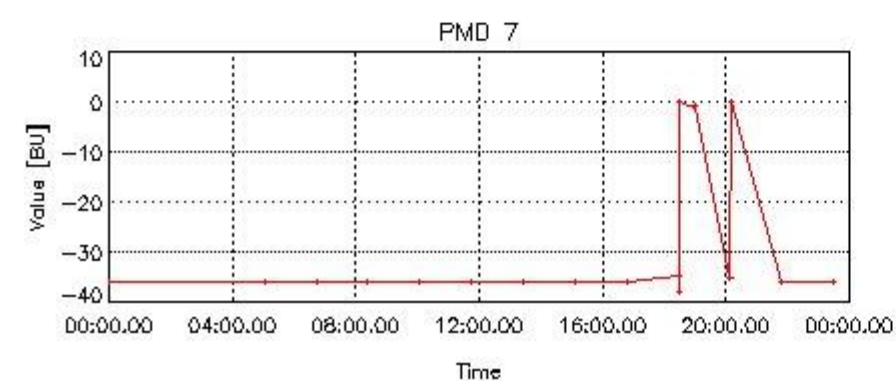
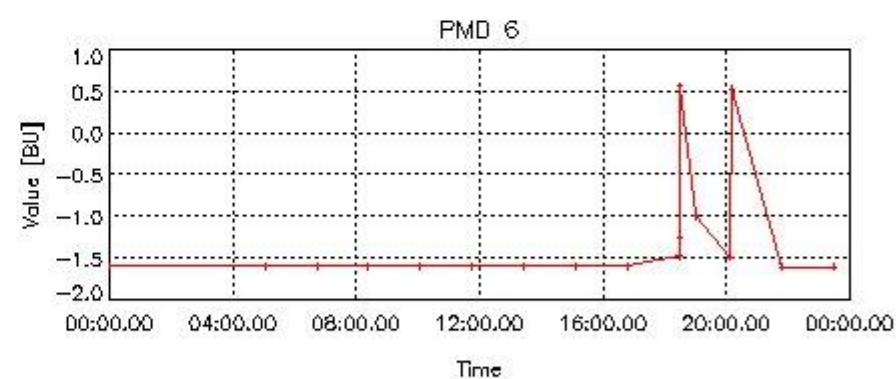
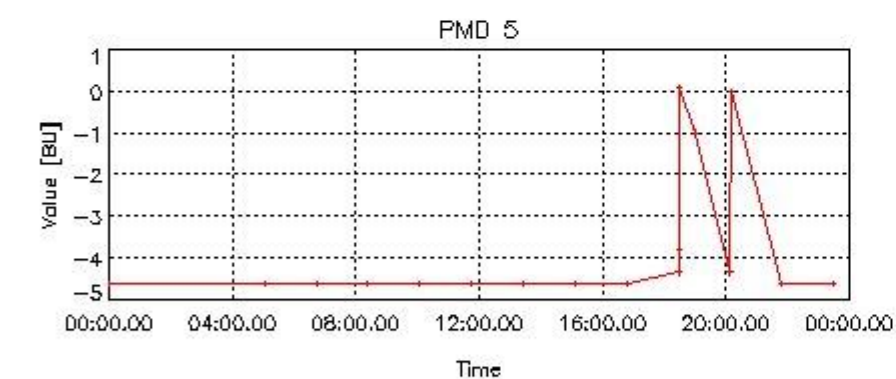
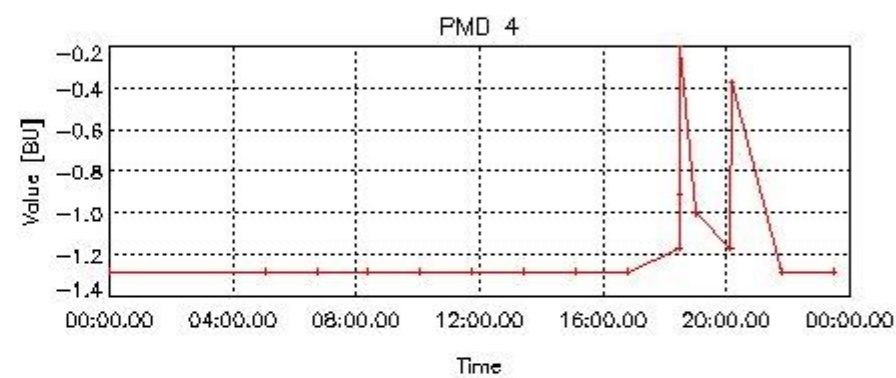
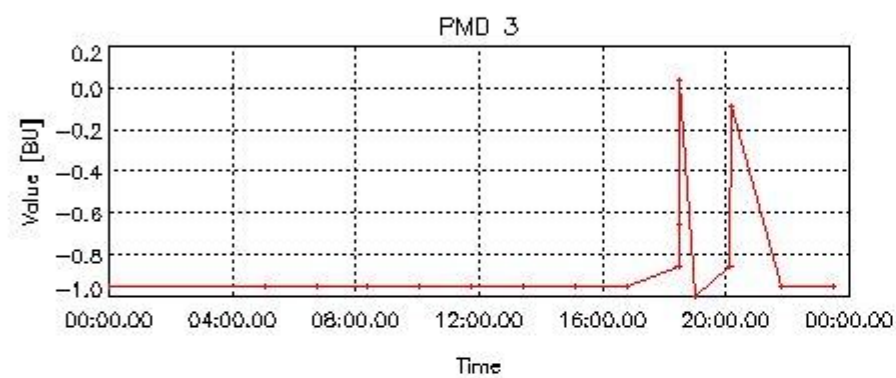
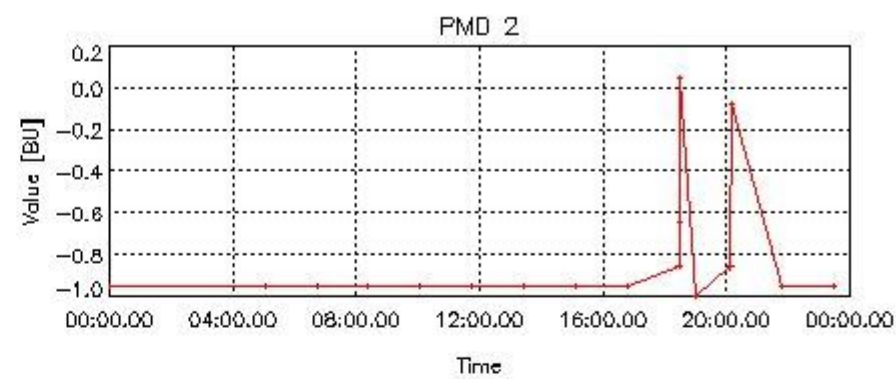
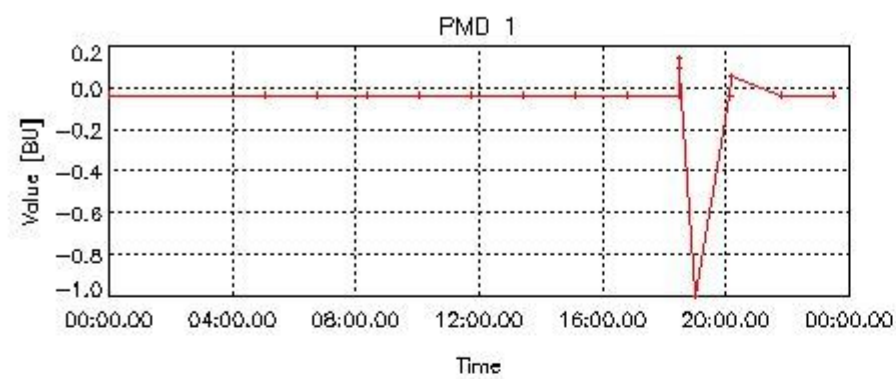
3	09APR2008 08:23:50	0 0	O U	1 1	-30.5985 -30.5985	-11.7634 -11.7634	0.00000 0.00000	0.0101154 0.0101154
4	09APR2008 10:04:25	0 0	O U	1 1	-30.6049 -30.6049	-11.7634 -11.7634	0.00000 0.00000	0.0101166 0.0101166
5	09APR2008 11:45:01	0 0	O U	1 1	-30.6114 -30.6114	-11.7636 -11.7636	0.00000 0.00000	0.0101178 0.0101178
6	09APR2008 13:25:36	0 0	O U	1 1	-30.6174 -30.6174	-11.7641 -11.7641	0.00000 0.00000	0.0101188 0.0101188
7	09APR2008 15:06:12	0 0	O U	1 1	-30.6238 -30.6238	-11.7646 -11.7646	0.00000 0.00000	0.0101198 0.0101198
8	09APR2008 16:46:47	0 0	O U	1 1	-30.6303 -30.6303	-11.7649 -11.7649	0.00000 0.00000	0.0101209 0.0101209
9	09APR2008 18:27:23	0 0	O U	1 1	-30.4574 -30.4574	-12.5684 -12.5684	0.00000 0.00000	0.00996097 0.00996097
10	09APR2008 18:28:43	0 0	O U	1 1	-30.5141 -30.5141	-11.9328 -11.9328	0.00000 0.00000	0.0100721 0.0100721
11	09APR2008 18:29:20	0 0	D E	1 1	-30.7678 -30.7678	-15.0000 -15.0000	21.6986 21.6986	0.0103029 0.0103029
12	09APR2008 19:00:55	0 0	S V	1 1	4.01705e-05 4.01705e-05	59.1958 59.1958	0.00000 0.00000	0.00000 0.00000
13	09APR2008 20:07:59	0 0	O U	1 1	-30.4643 -30.4643	-12.5669 -12.5669	0.00000 0.00000	0.00996272 0.00996272
14	09APR2008 20:09:56	0 0	D A	0 0	-1.99940 -1.99940	-11.2550 -11.2550	21.6988 21.6988	0.0103044 0.0103044
15	09APR2008 21:48:34	0 0	O U	1 1	-30.6518 -30.6518	-11.7628 -11.7628	0.00000 0.00000	0.0101257 0.0101257
16	09APR2008 23:29:10	0 0	O U	1 1	-30.6591 -30.6591	-11.7624 -11.7624	0.00000 0.00000	0.0101272 0.0101272

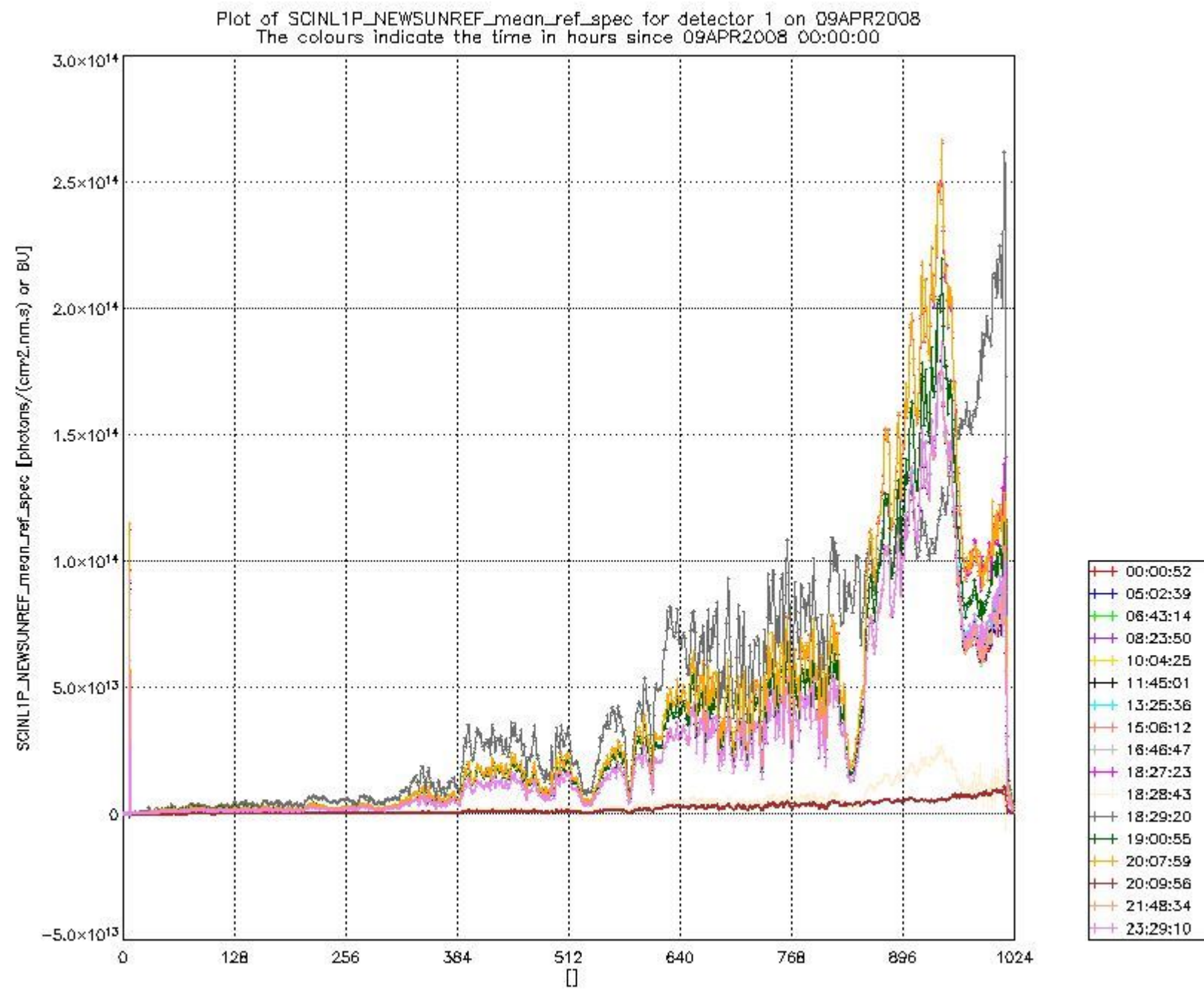
Plot of SCINL1P_NEWSUNREF_mean_pmd versus time

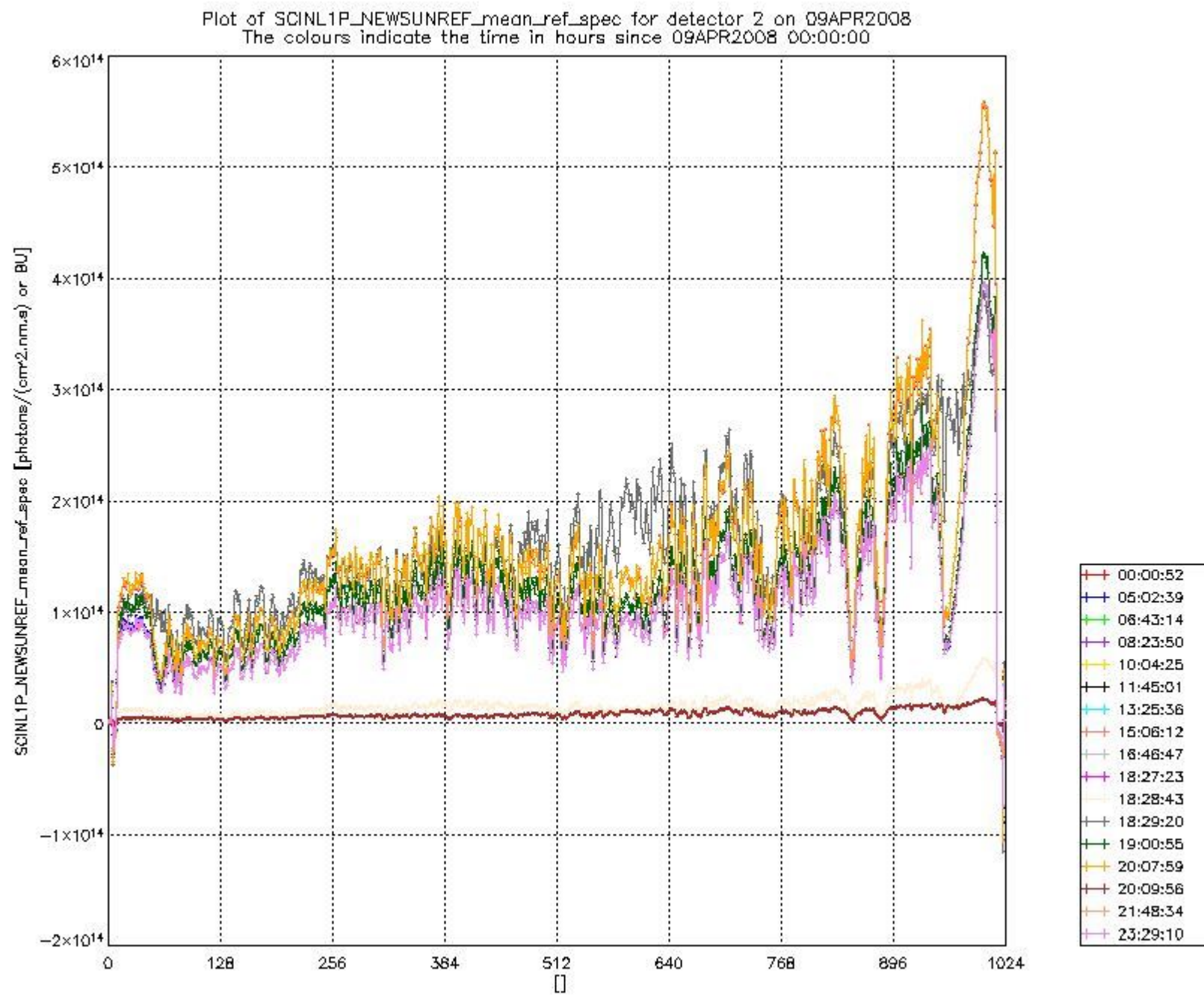


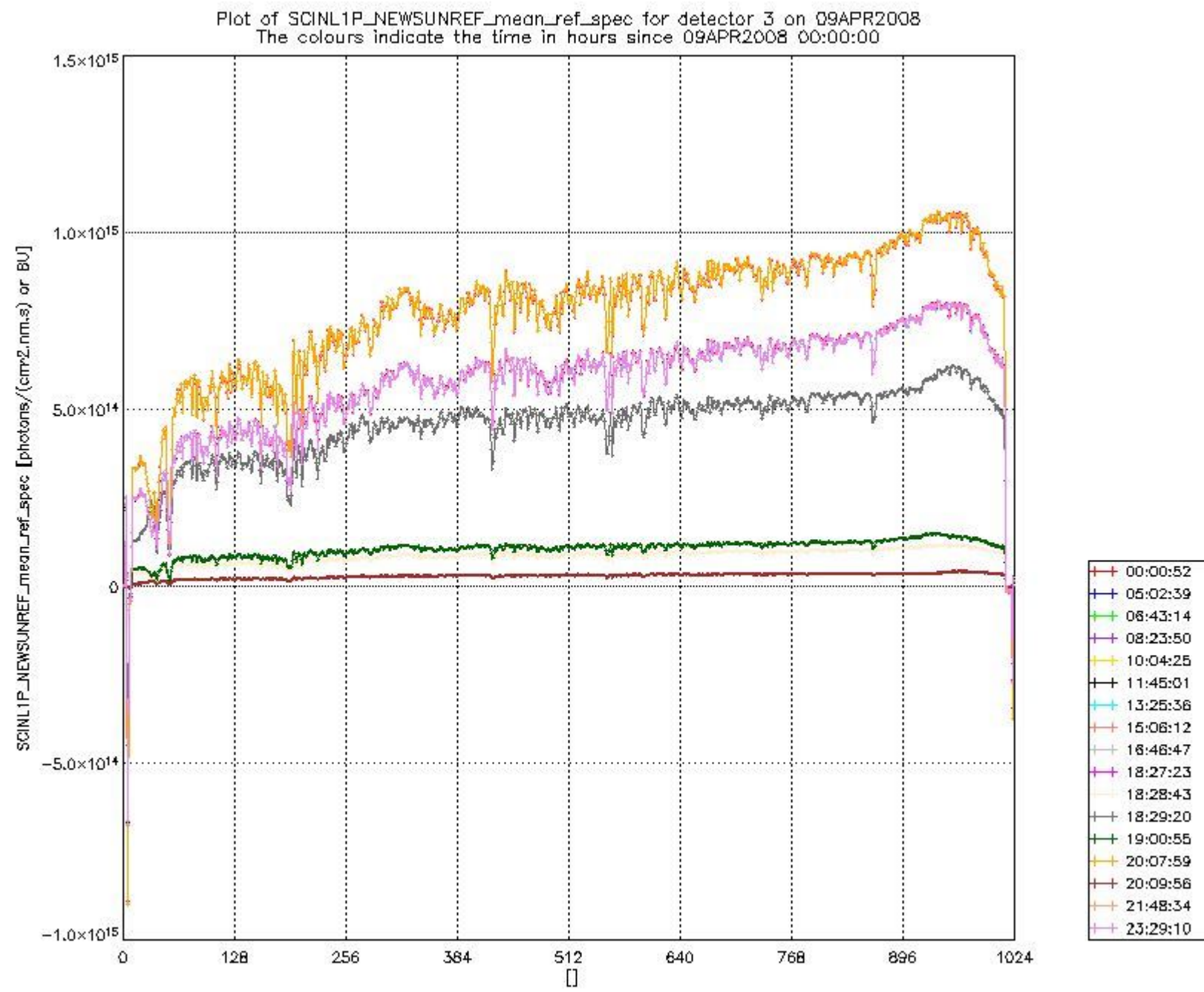
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_31.PNG

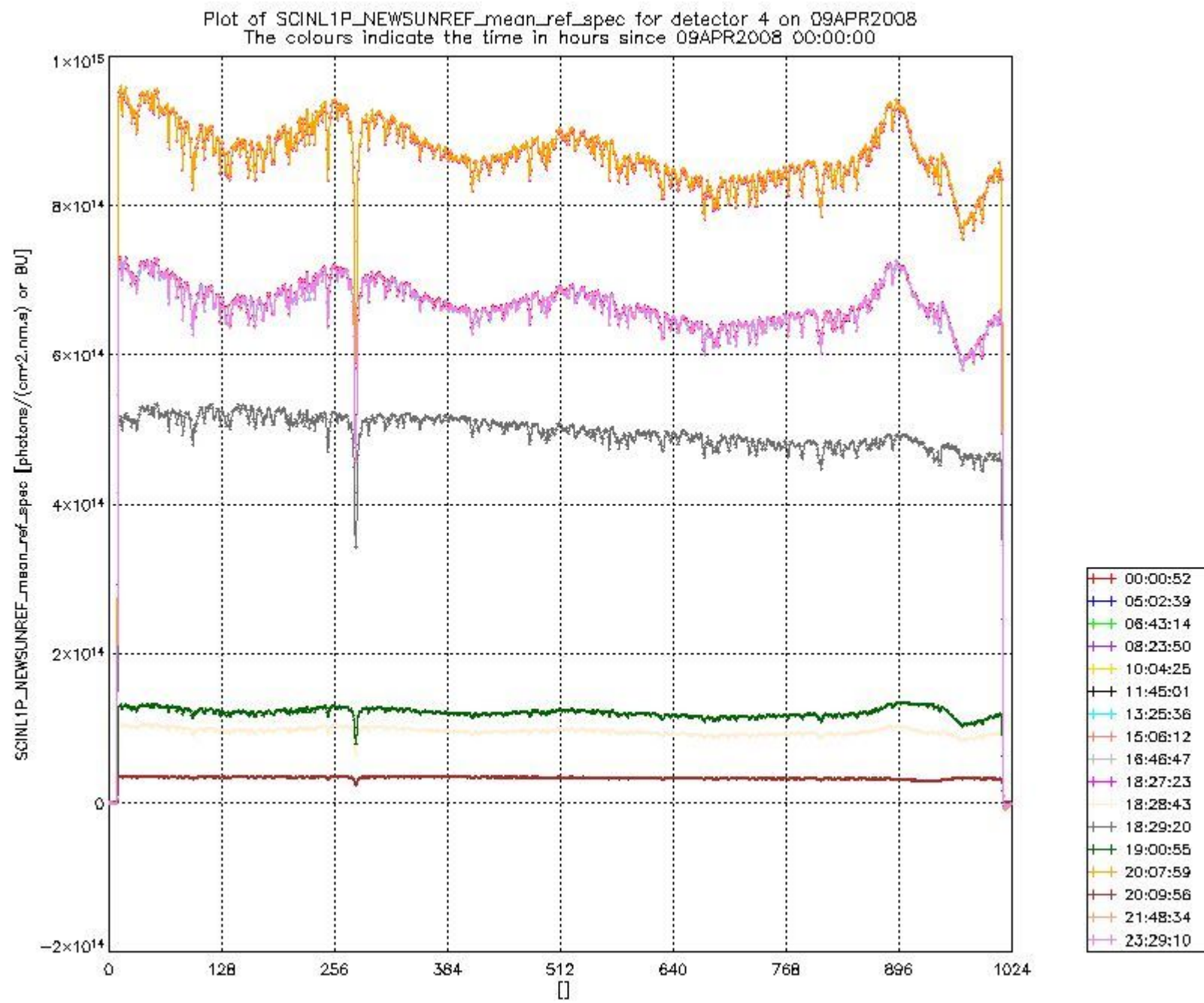
Plot of SCINL1P_NEWSUNREF_pmd_out versus time

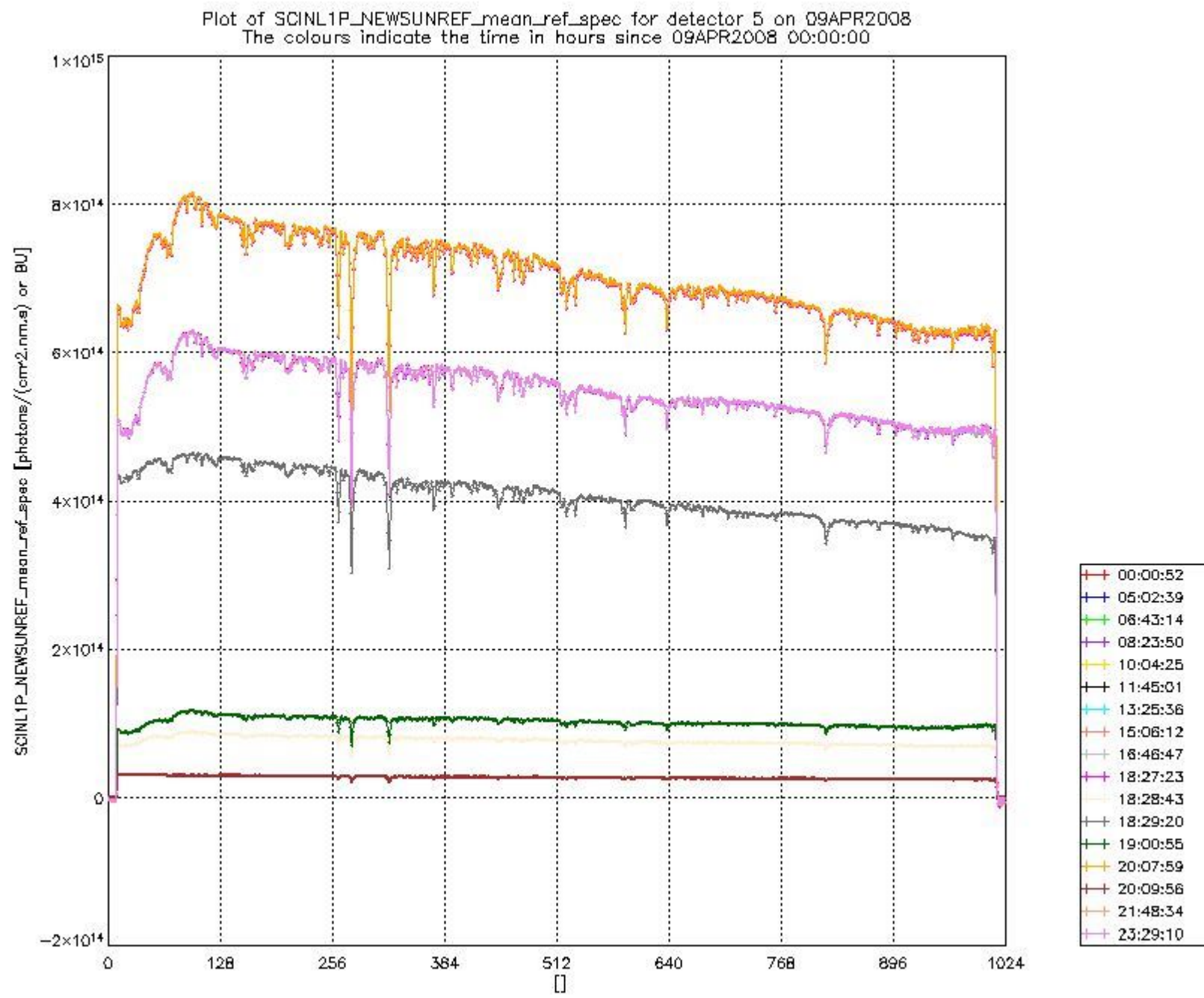


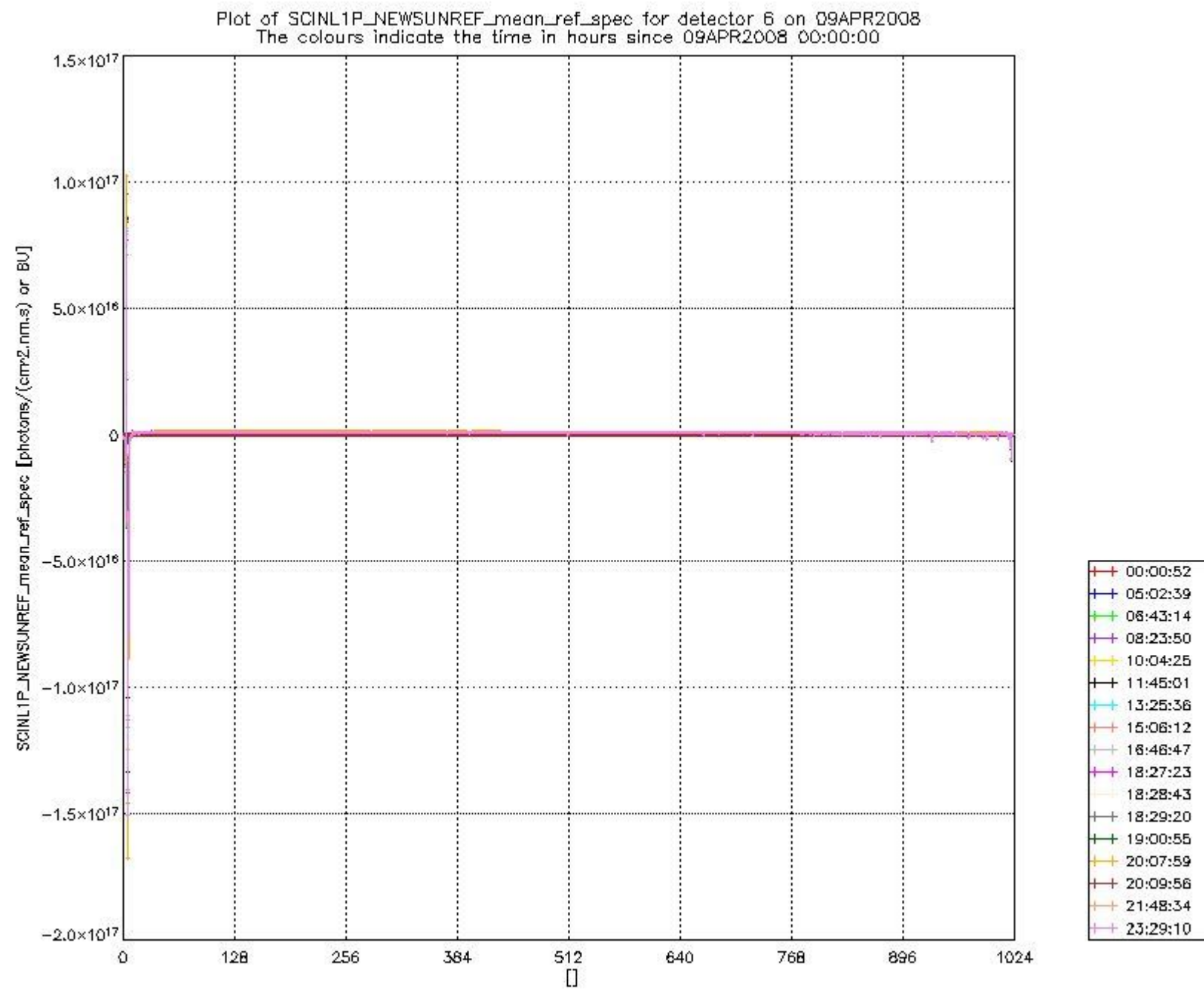


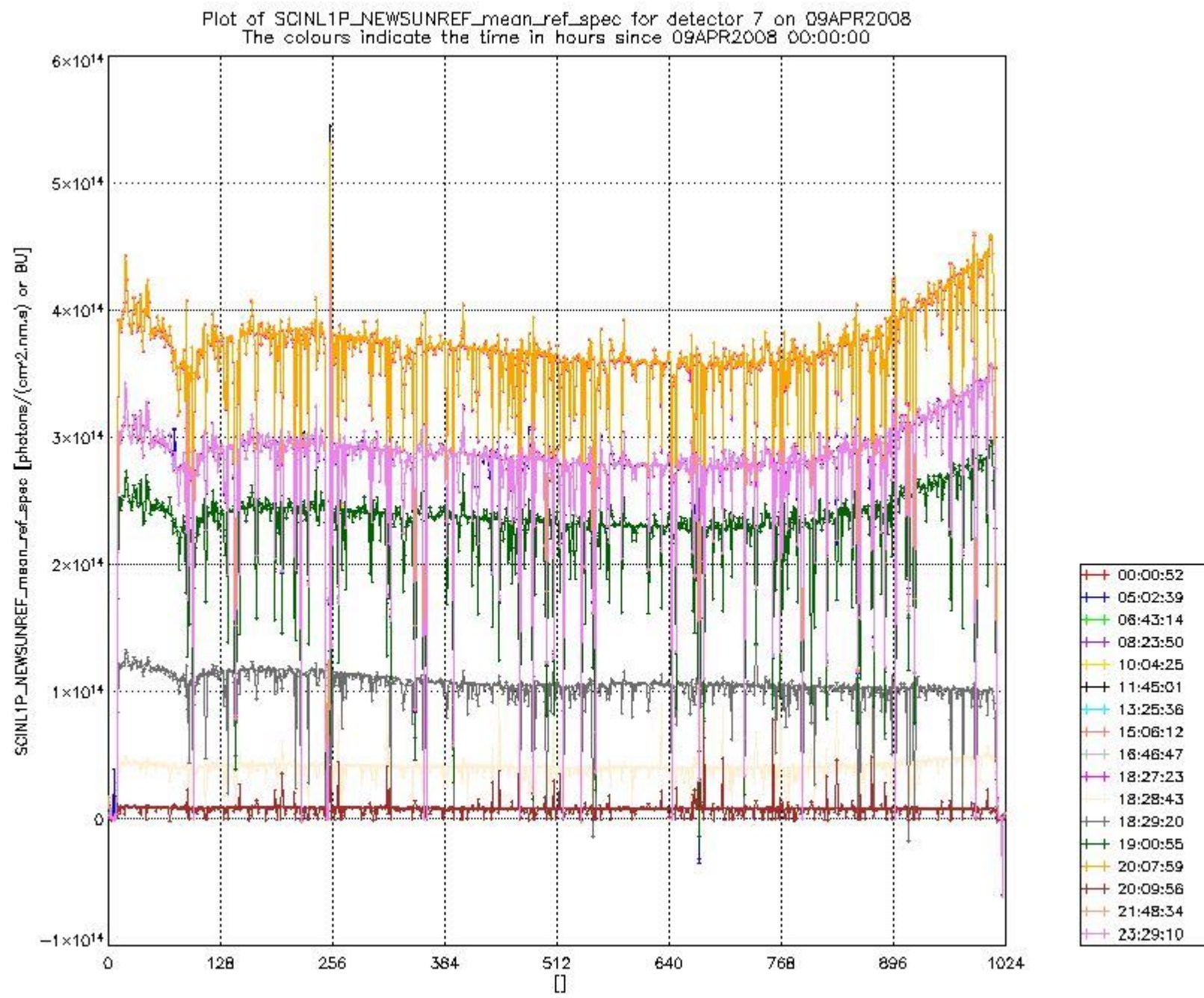


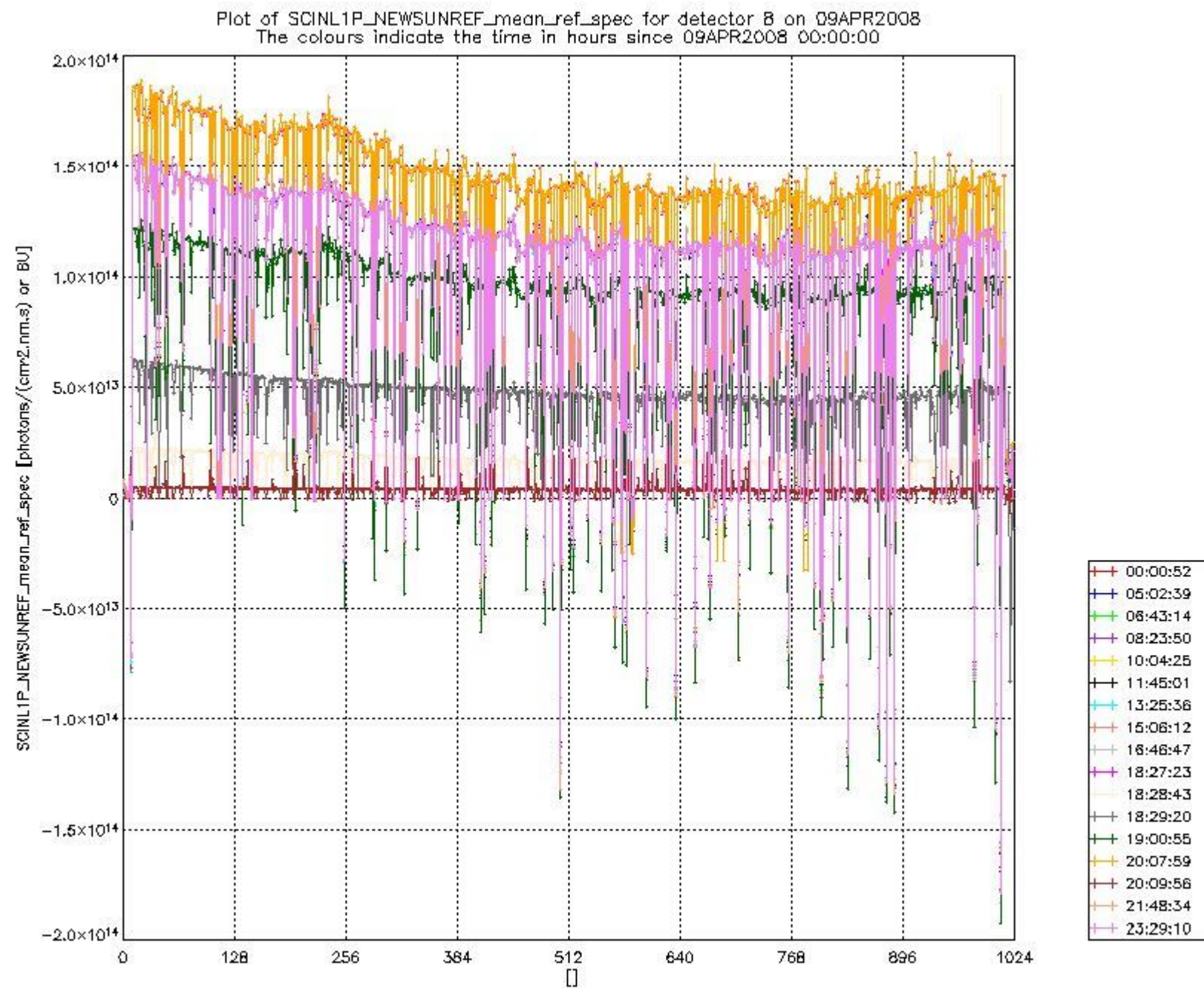




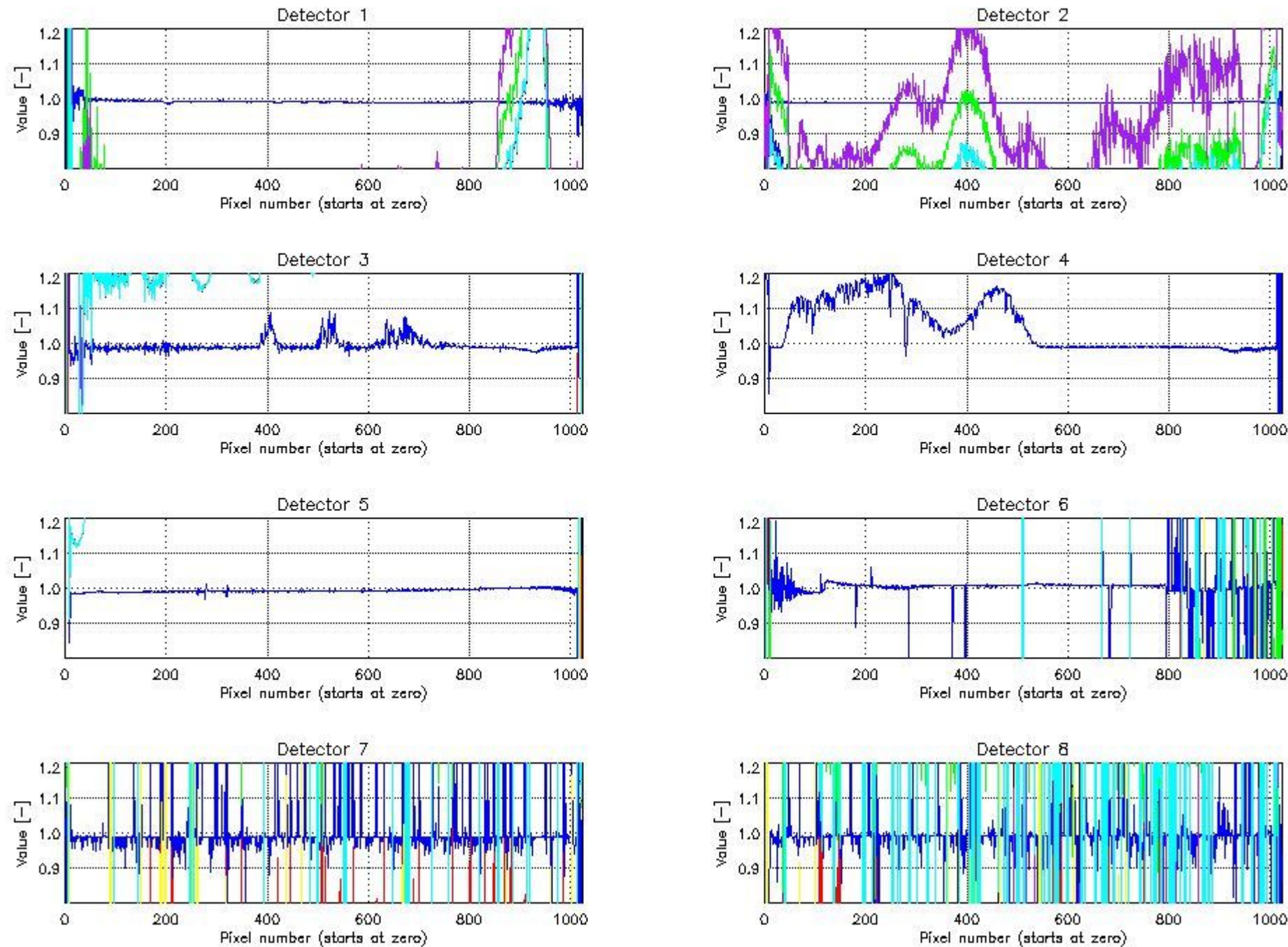








Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCI_SU1_AXVIEC20080408_063447_20080404_174916_20080419_192951



sciamachy_daily_report_level1_SCIA_6_03_N_20080409_41.PNG

1.2.5 PPG and Etalon parameters

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

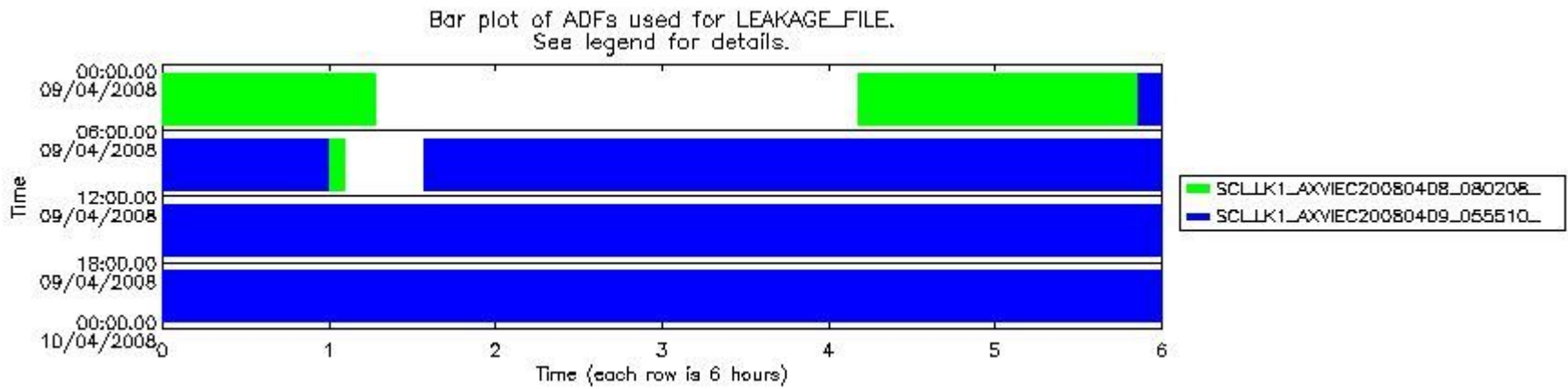
1.3 ADF monitoring

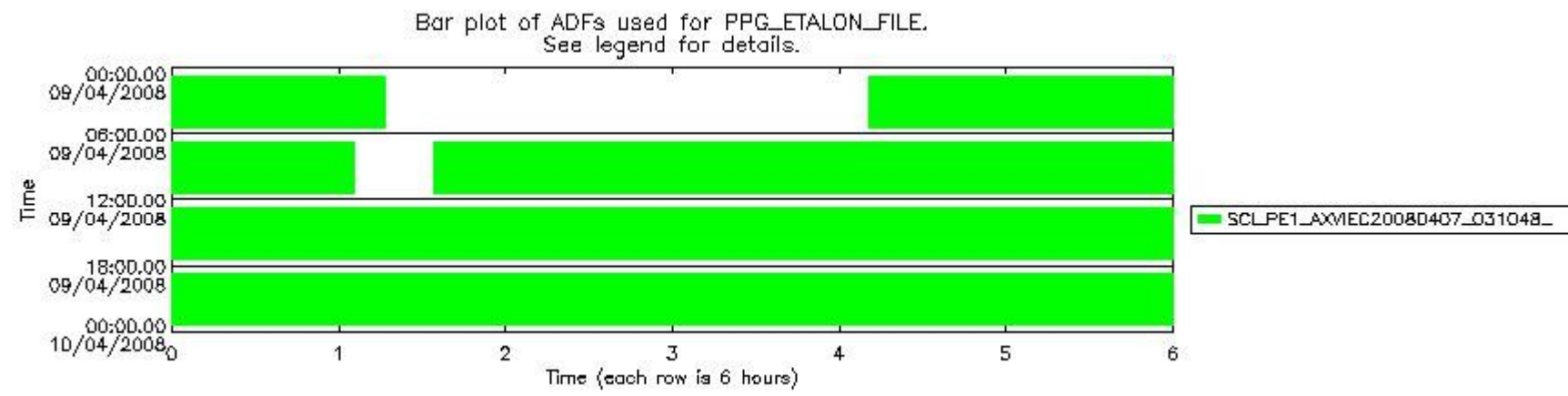
This section shows the (variation in) ADFs used for each of the products. It consists of:

- 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.

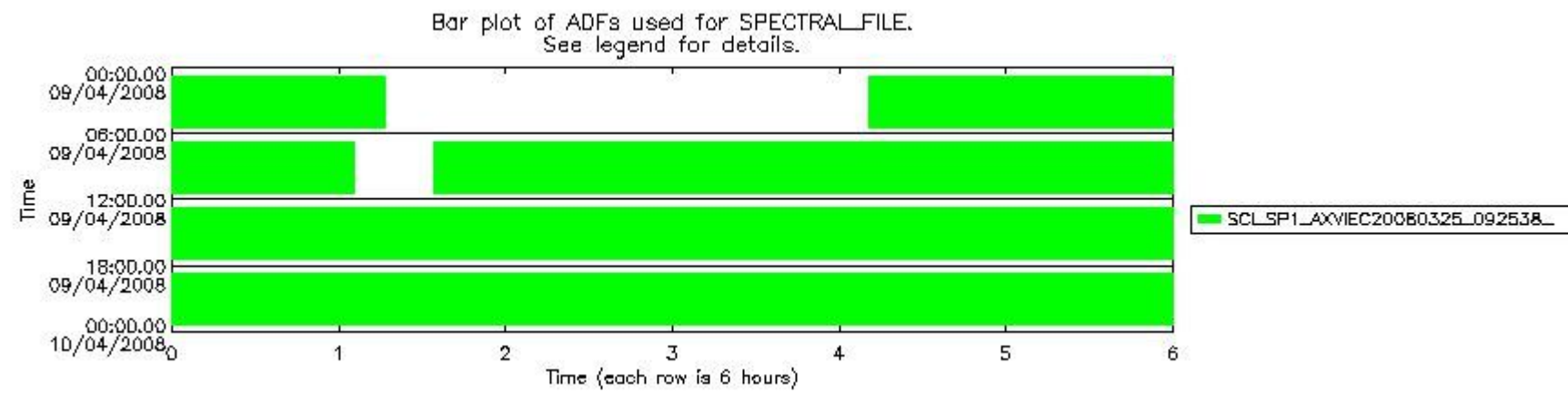
No new ADFs available

Number	ADF
	LK1 (LEAKAGE_FILE)
0	SCI_LK1_AXVIEC20080408_080208_20080405_122535_20080604_140419
1	SCI_LK1_AXVIEC20080409_055510_20080406_182434_20080605_200429
	PE1 (PPG_ETALON_FILE)
2	SCI_PE1_AXVIEC20080407_031048_20080321_051506_20080418_061604
	SP1 (SPECTRAL_FILE)
3	SCI_SP1_AXVIEC20080325_092538_20080320_203845_20080618_222427
	SU1 (SUN_REF_FILE)
4	SCI_SU1_AXVIEC20080408_063447_20080404_174916_20080419_192951
5	SCI_SU1_AXVIEC20080409_030438_20080405_171901_20080420_185808
	KD1 (KEY_DATA_FILE)
6	SCI_KD1_AXVIEC20060523_182626_20020301_000000_20991231_235959
	MF1 (M_FACTOR_FILE)
7	SCI_MF1_AXVIEC20020809_094925_20020206_173831_20991231_235959
	LI1 (INIT_FILE)
8	SCI_LI1_AXVIEC20070628_134108_20020701_000000_20991231_235959
	FRO (ORBIT_FILE)
9	DOR_NAV_0PNPDE20080408_215330_000057382067_00315_31932_5295.N1
10	DOR_NAV_0PNPDE20080408_233427_000057382067_00316_31933_5296.N1
11	DOR_NAV_0PNPDE20080409_041044_000054202067_00319_31936_5297.N1
12	DOR_NAV_0PNPDE20080409_054623_000060572067_00320_31937_5298.N1
13	DOR_NAV_0PNPDE20080409_200707_000041442067_00329_31946_5299.N1
14	DOR_NAV_0PNPDE20080409_212130_000057382067_00329_31946_5300.N1
15	DOR_NAV_0PNPDK20080409_073238_000035072067_00321_31938_6539.N1
16	DOR_NAV_0PNPDK20080409_101721_000057382067_00323_31940_6541.N1
17	DOR_NAV_0PNPDK20080409_115818_000057382067_00324_31941_6542.N1
18	DOR_NAV_0PNPDK20080409_133915_000054192067_00325_31942_6543.N1
19	DOR_NAV_0PNPDK20080409_151453_000054192067_00326_31943_6544.N1
20	DOR_NAV_0PNPDK20080409_165032_000054192067_00327_31944_6545.N1
	ATT (ATTITUDE_FILE)
21	NOT USED

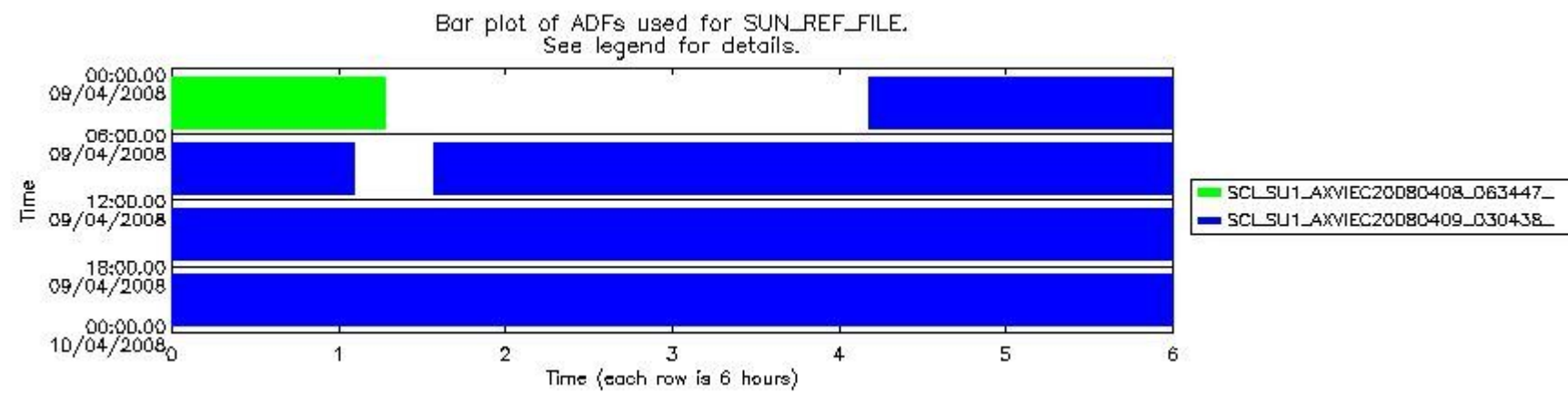




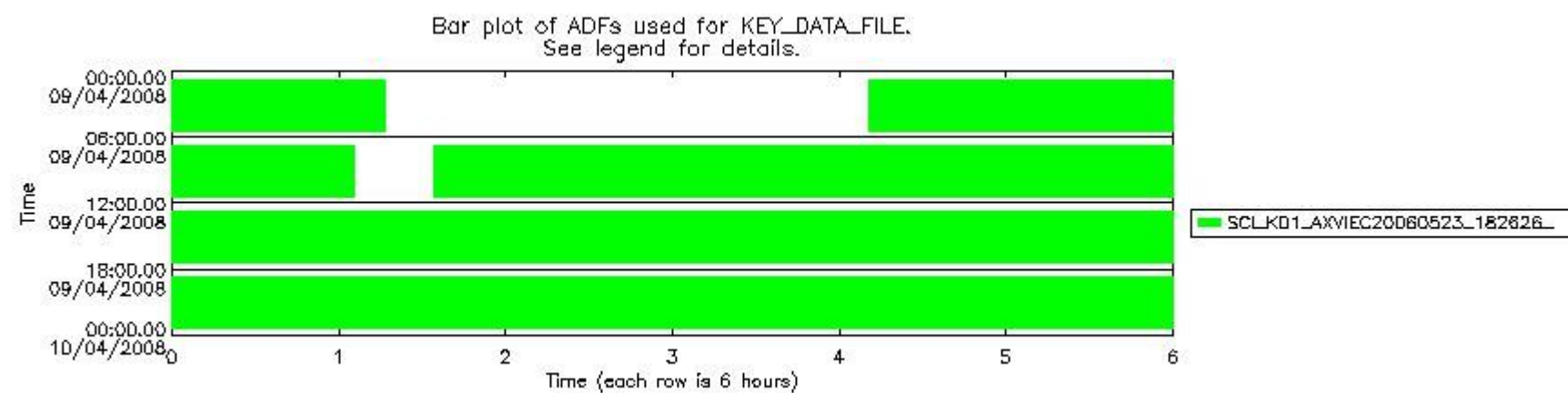
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_43.PNG



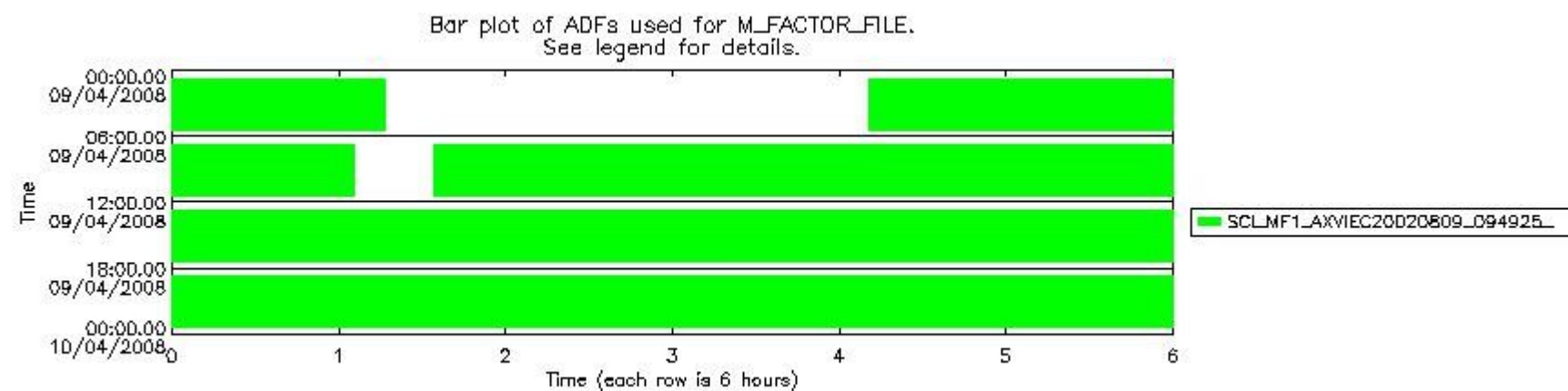
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_44.PNG



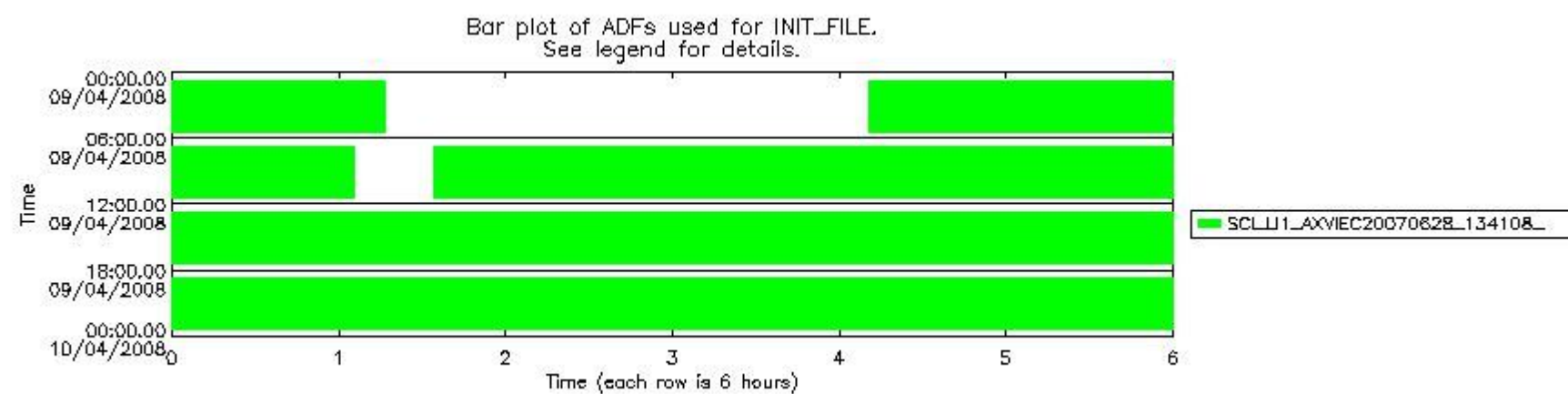
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_45.PNG



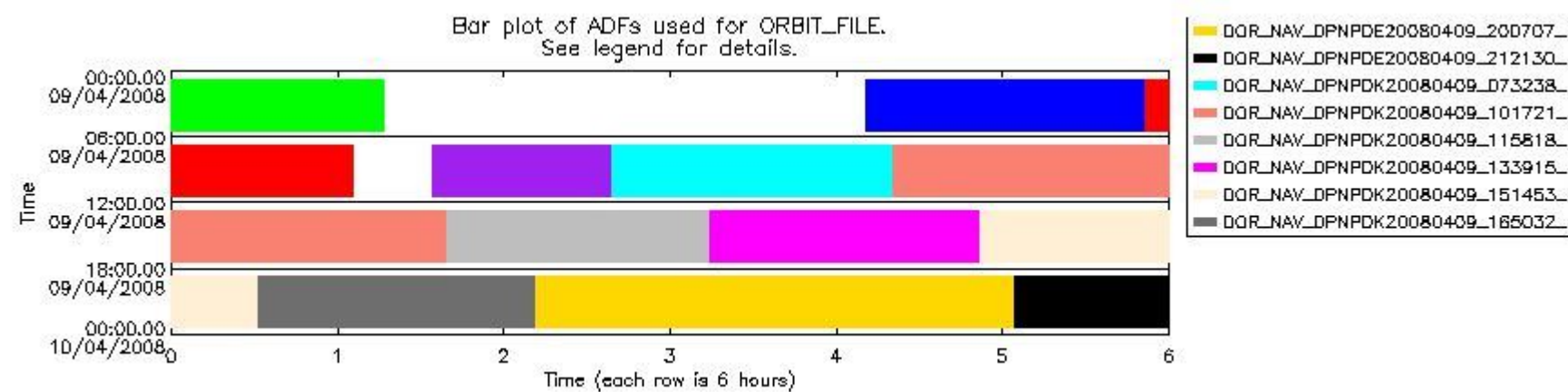
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_46.PNG



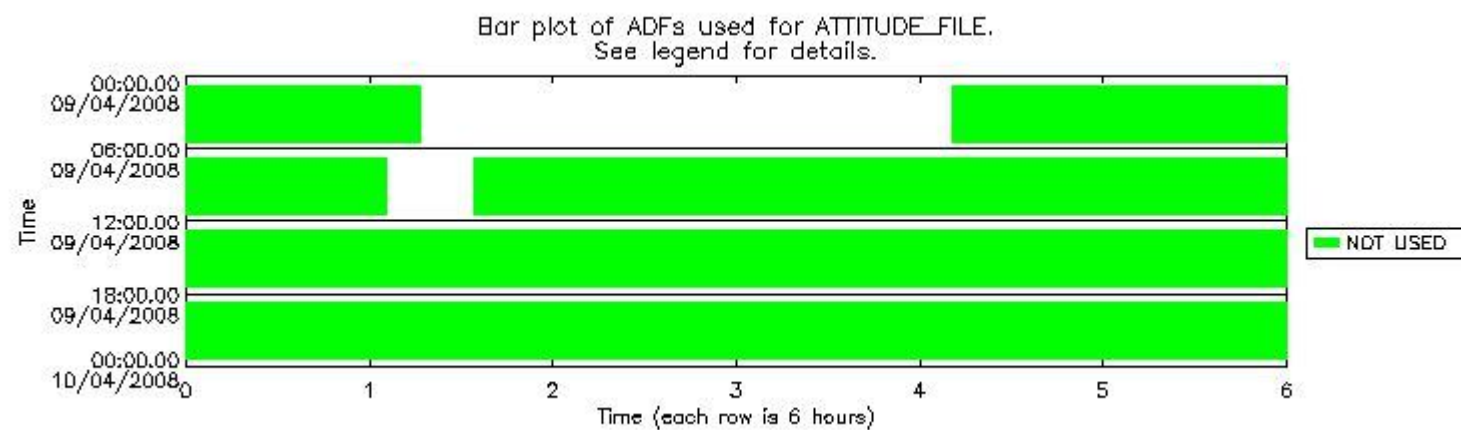
sciamachy_daily_report_level1_SCIA_6_03_N_20080409_47.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080409_48.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080409_49.PNG

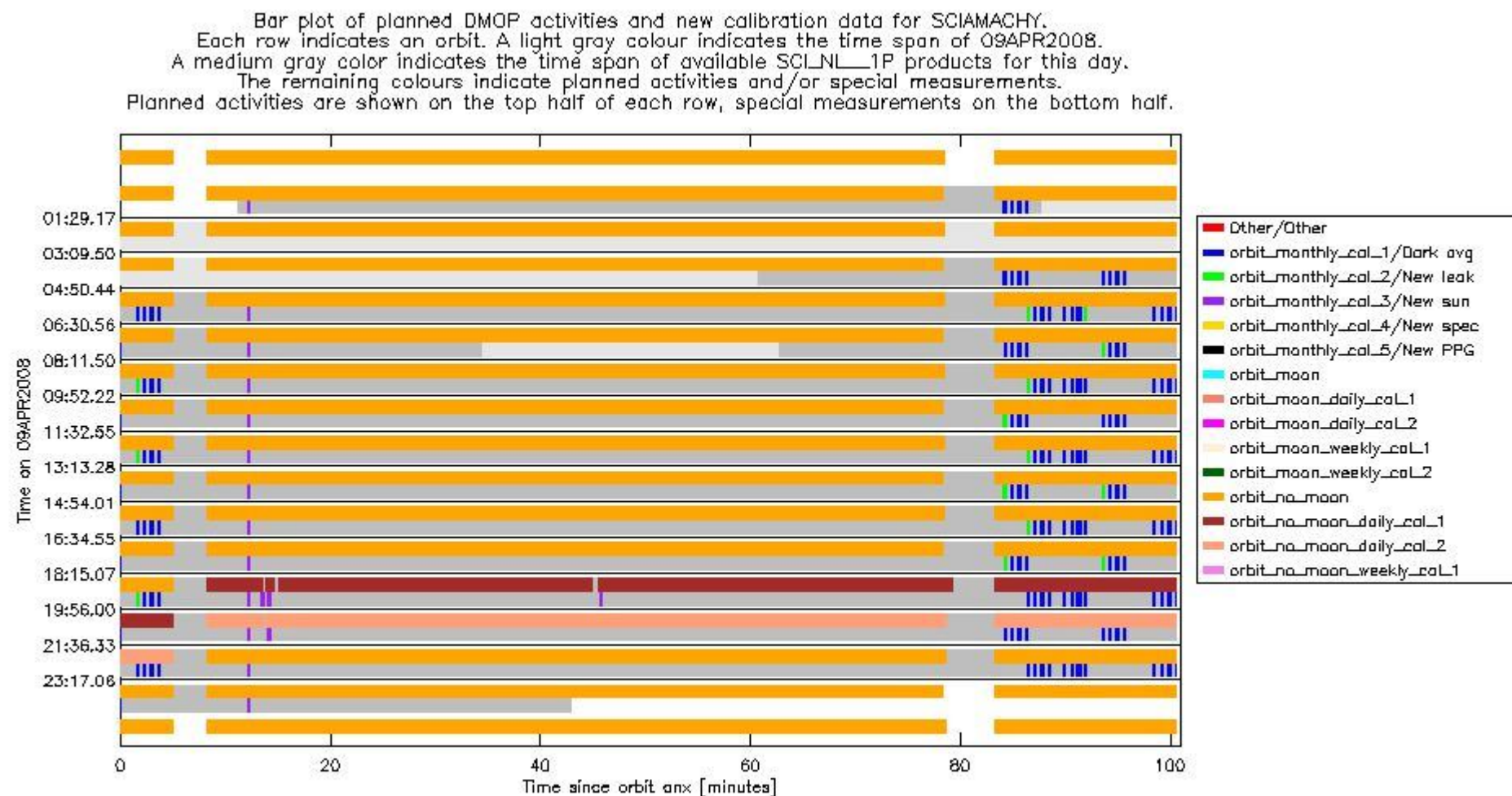


sciamachy_daily_report_level1_SCIA_6_03_N_20080409_50.PNG

1.4 DMOP execution monitoring

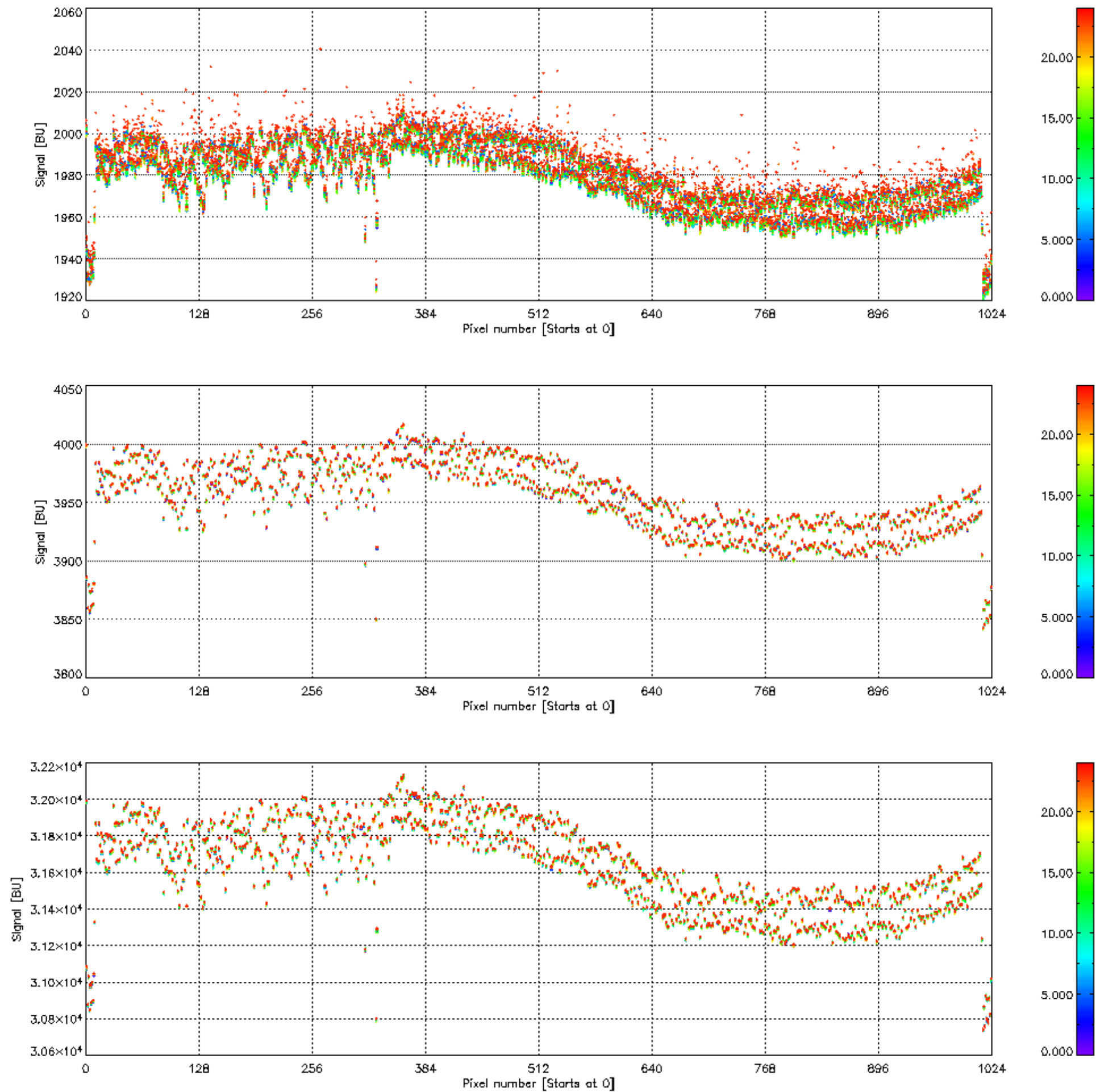
This section gives an analysis of the DMOP execution. The execution is monitored by assigning various activities to timeline sequences found in the DMOP file, and by checking where "NEW" datasets are available in SCI_NL__1P products.

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.

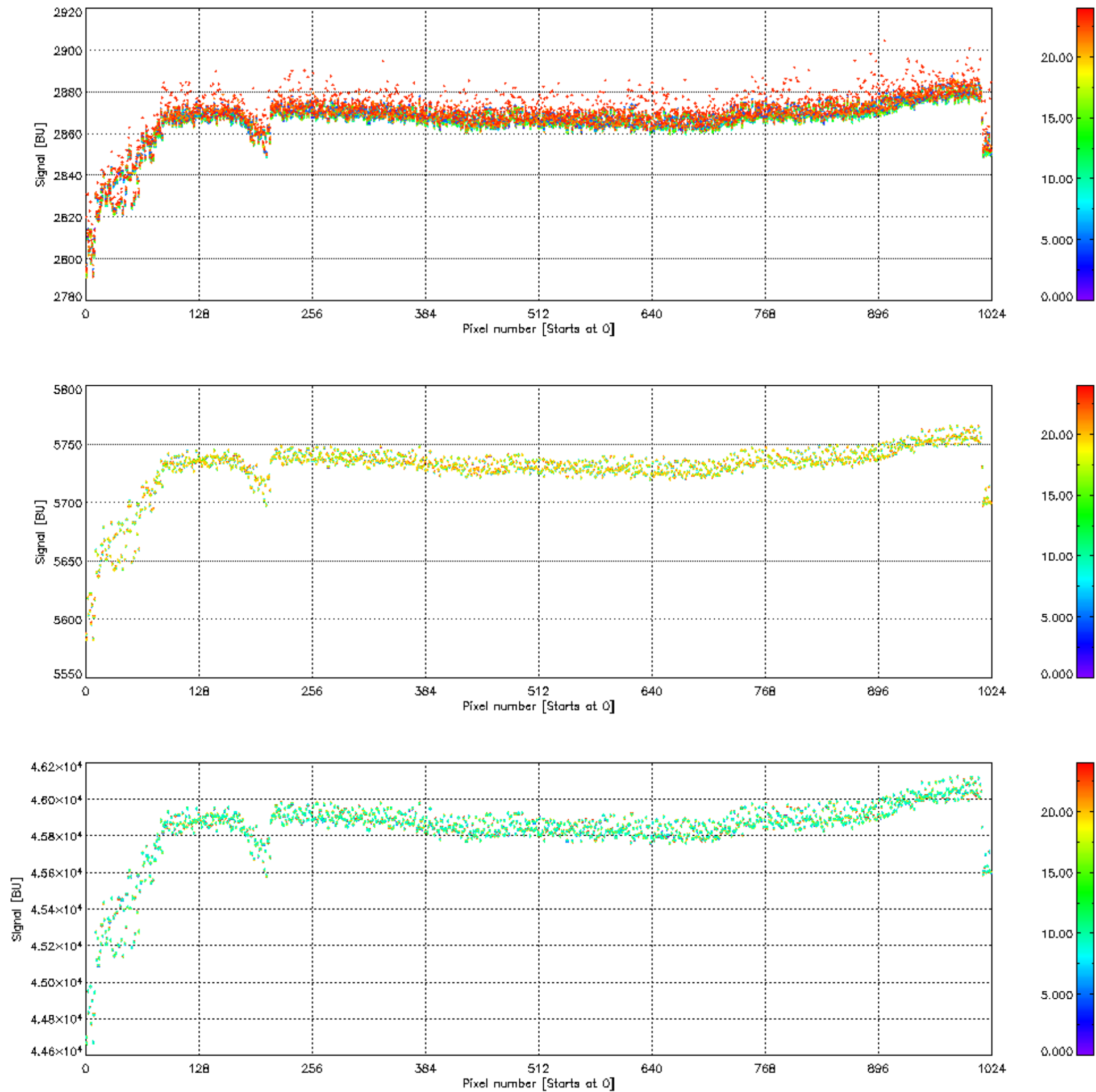


sciamachy_daily_report_level1_SCIA_6_03_N_20080409_51.PNG

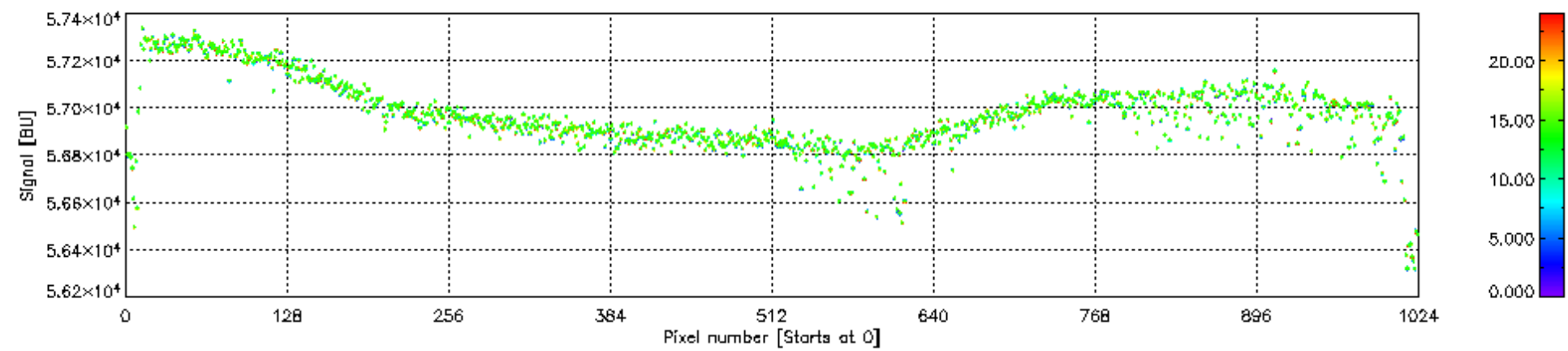
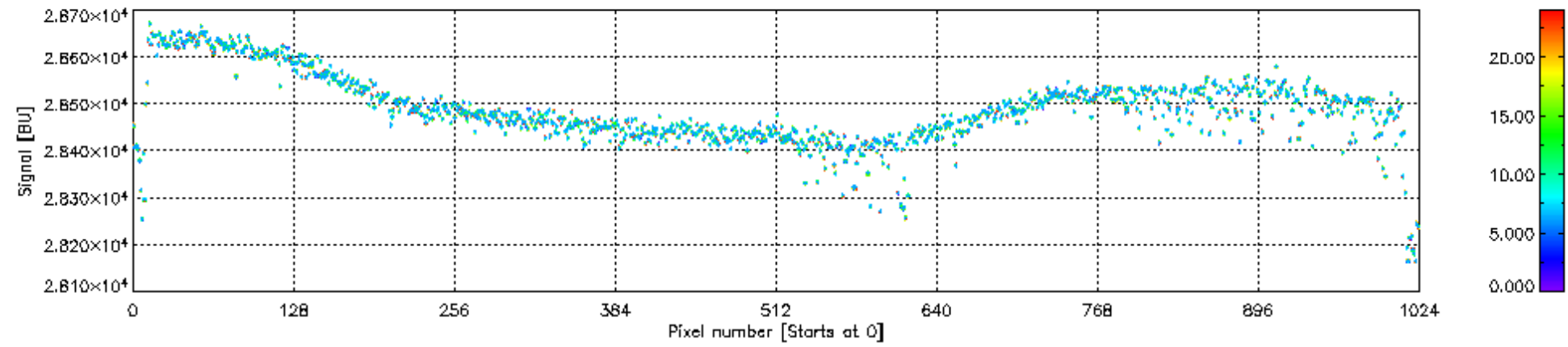
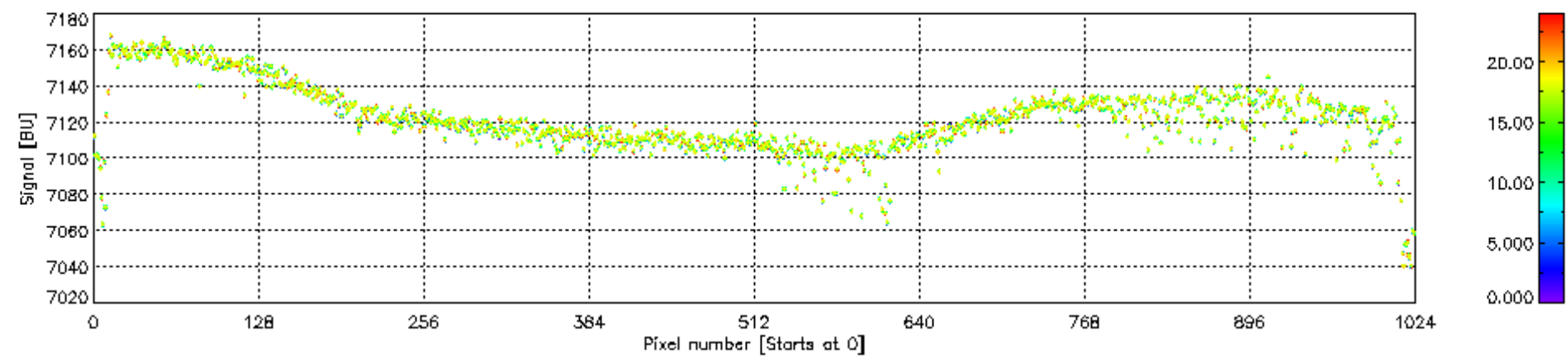
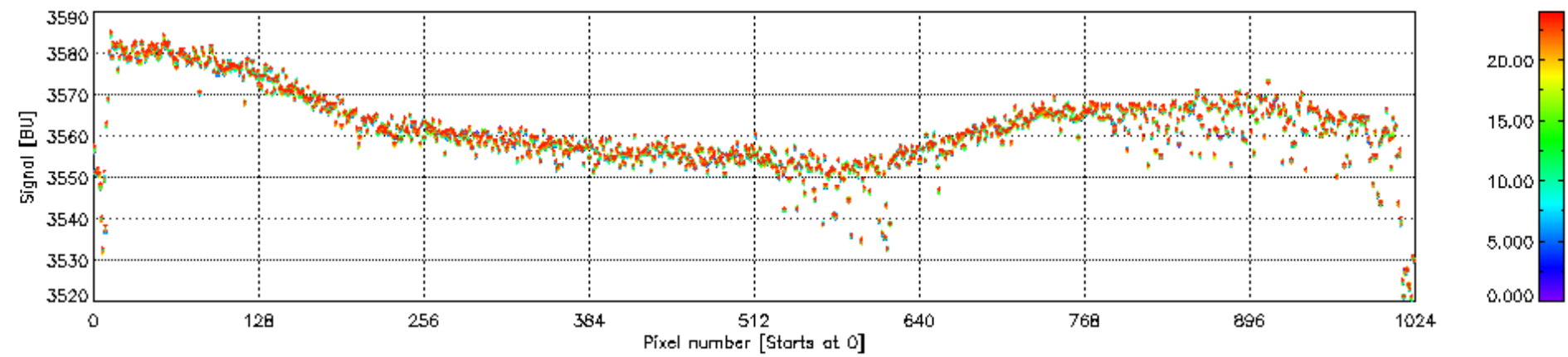
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



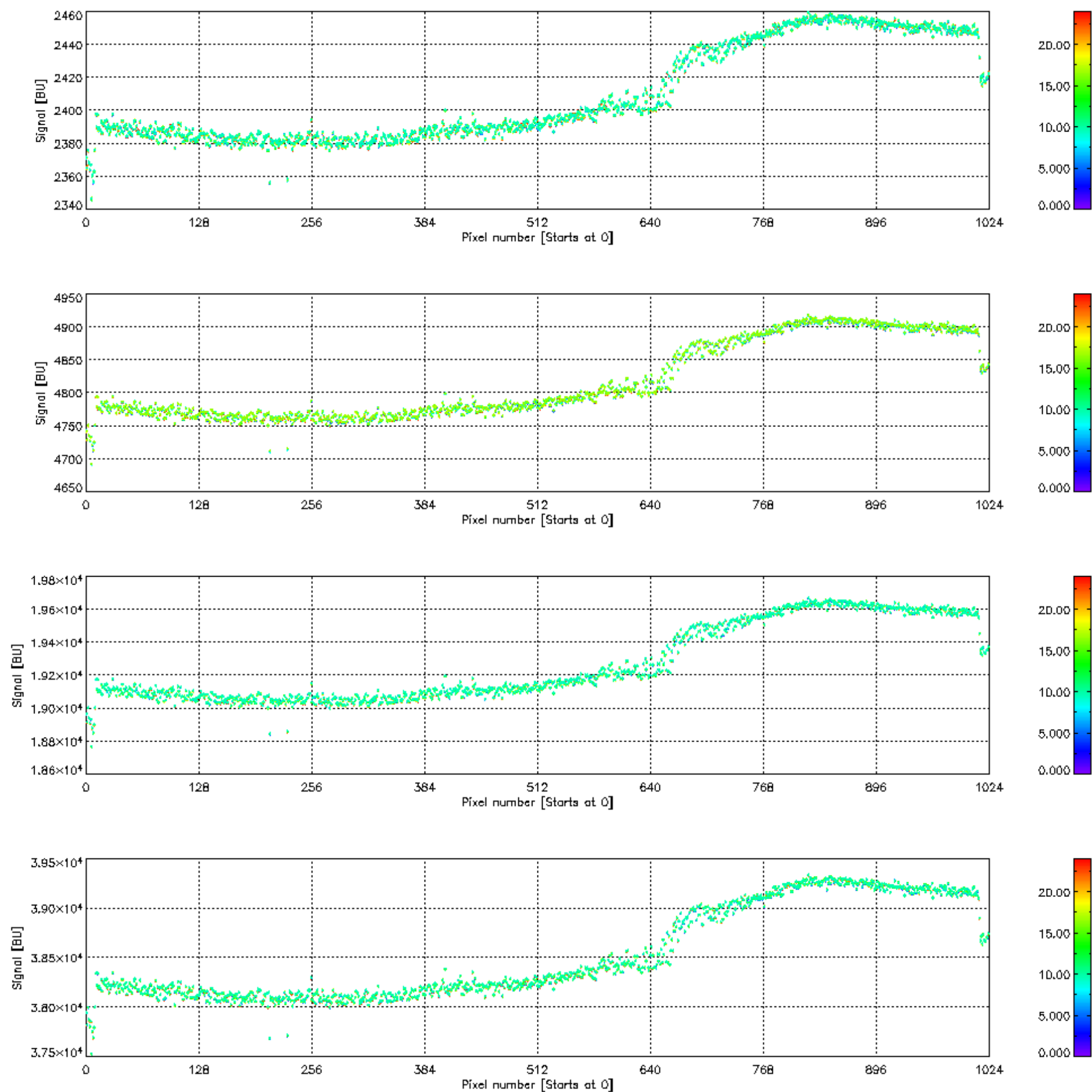
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



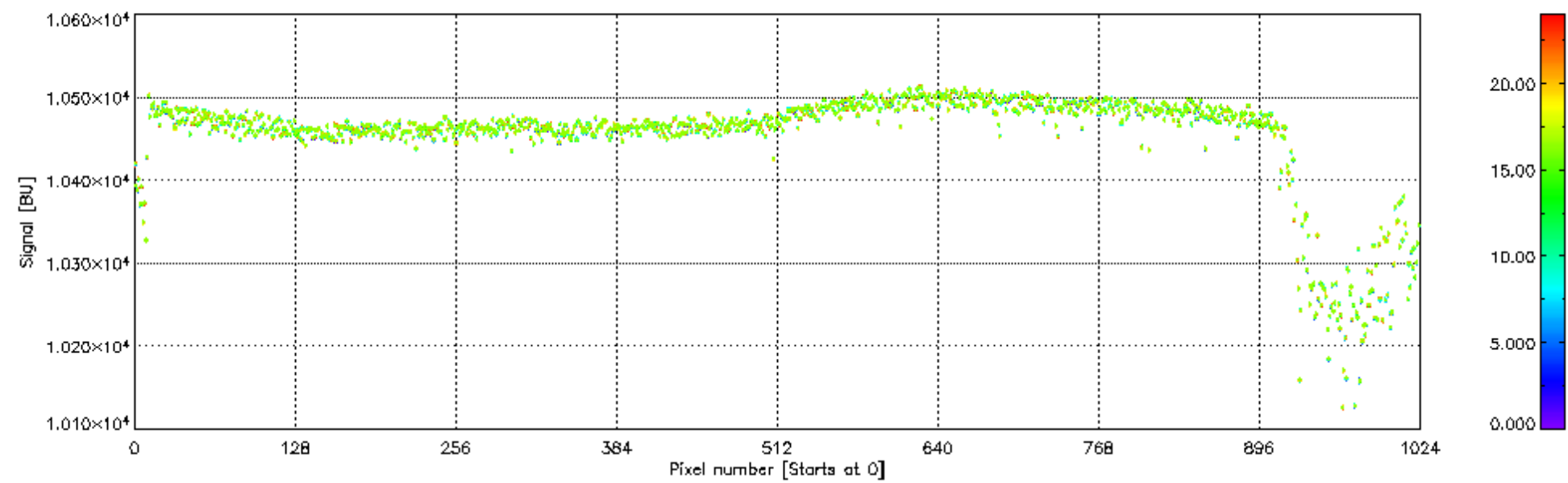
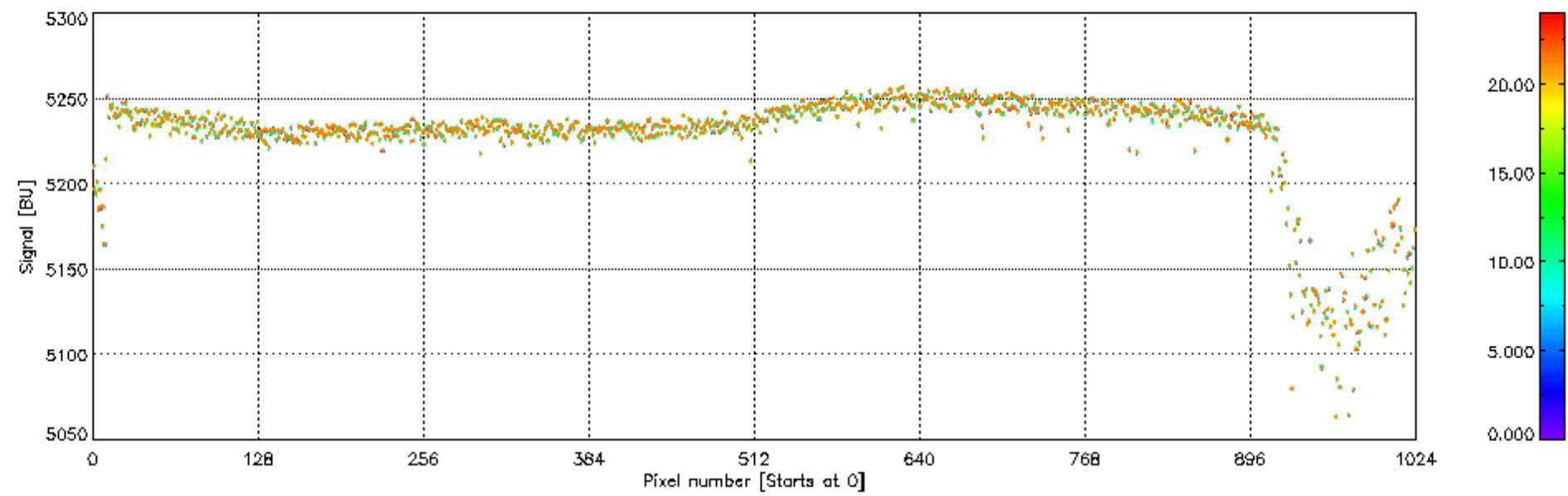
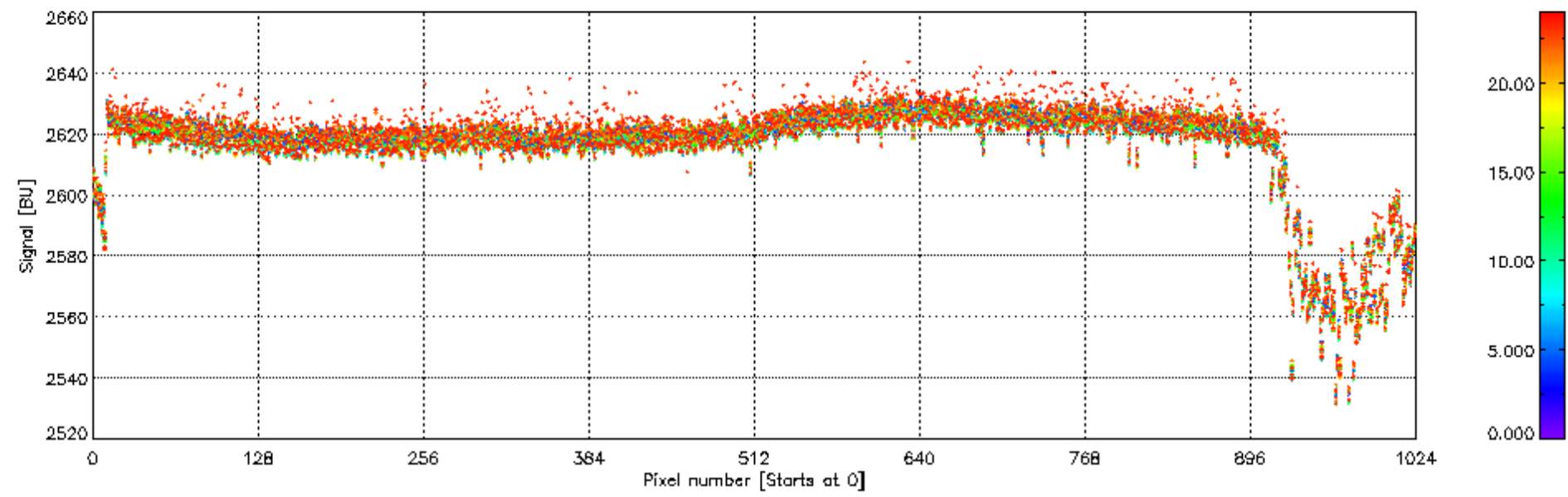
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



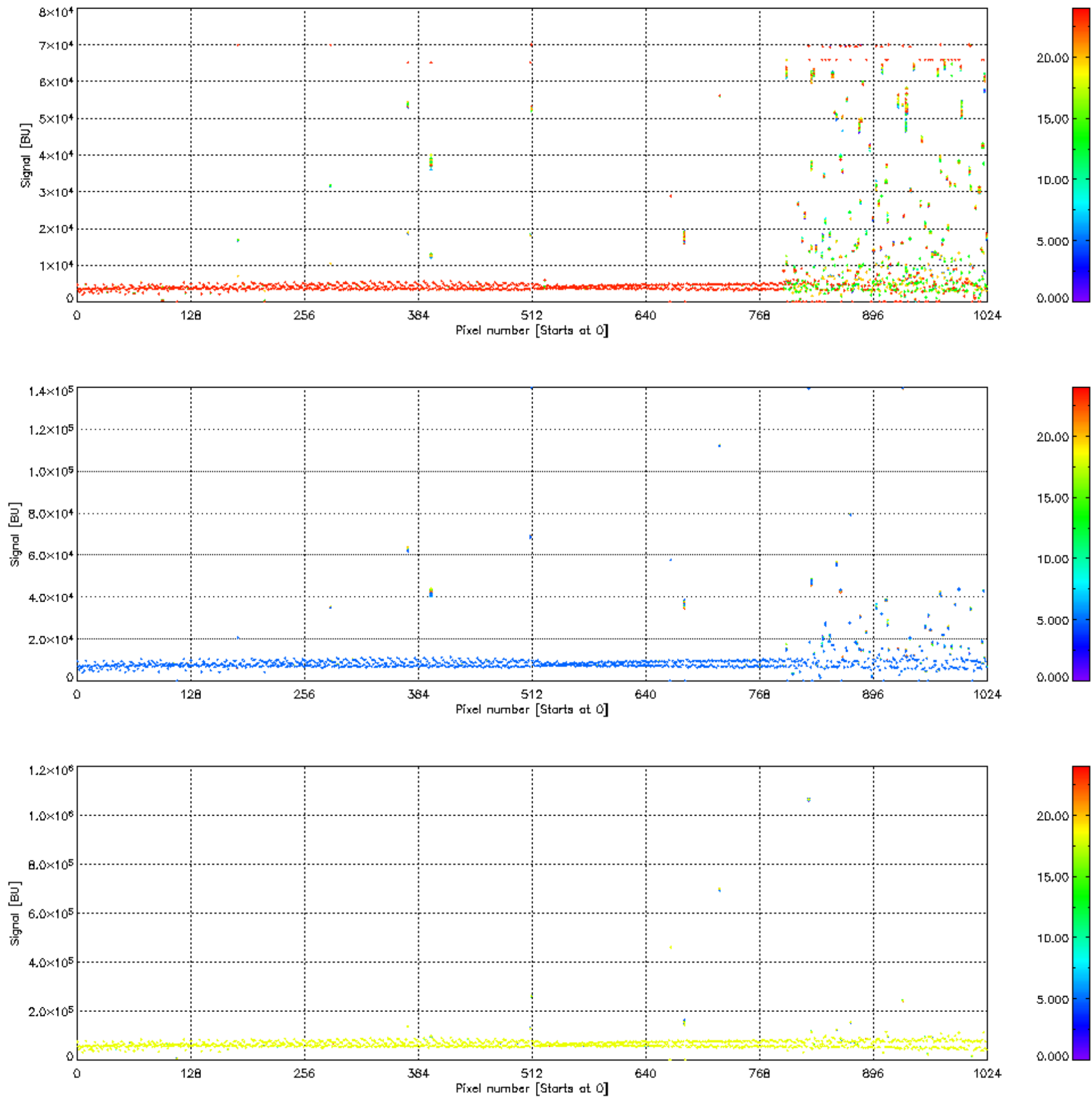
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



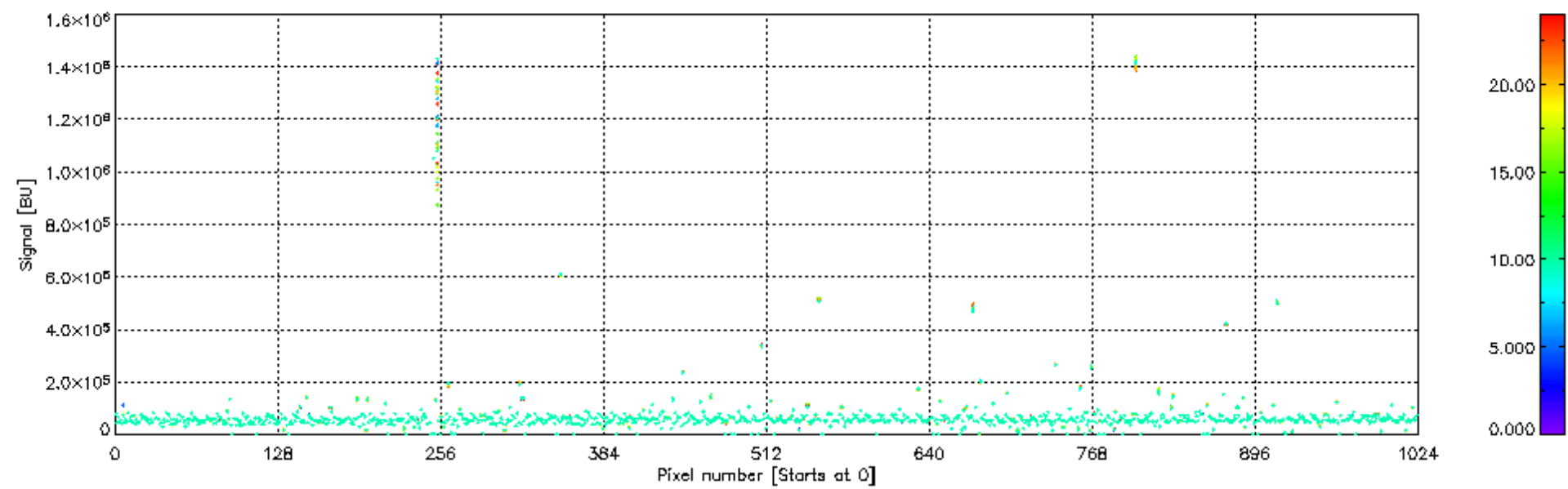
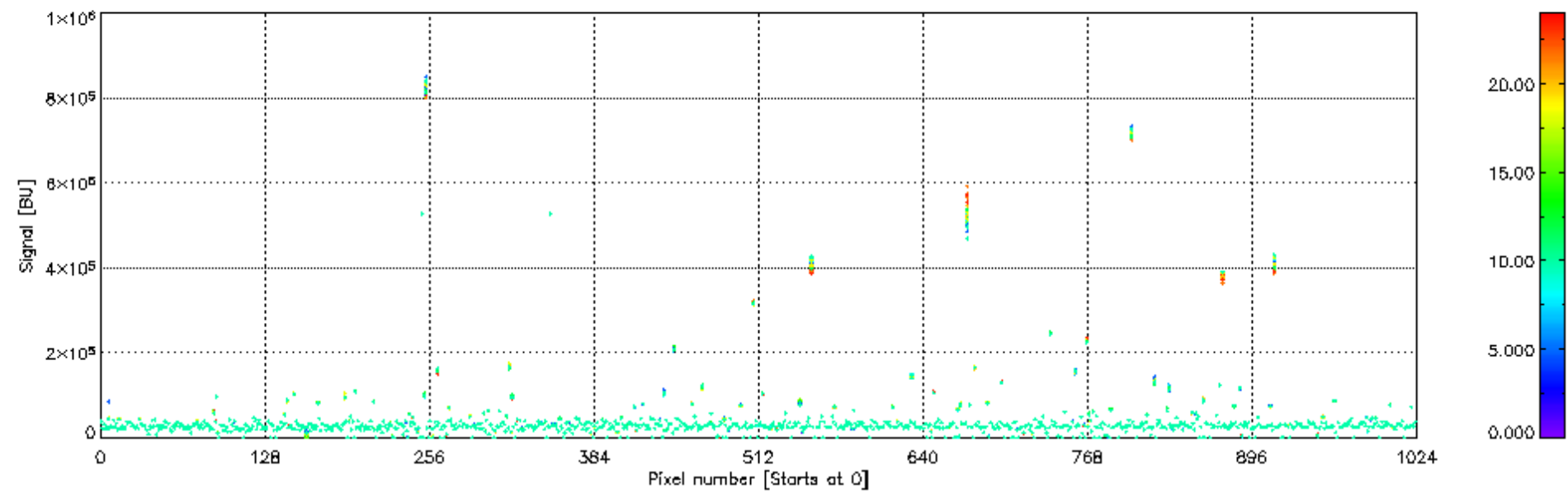
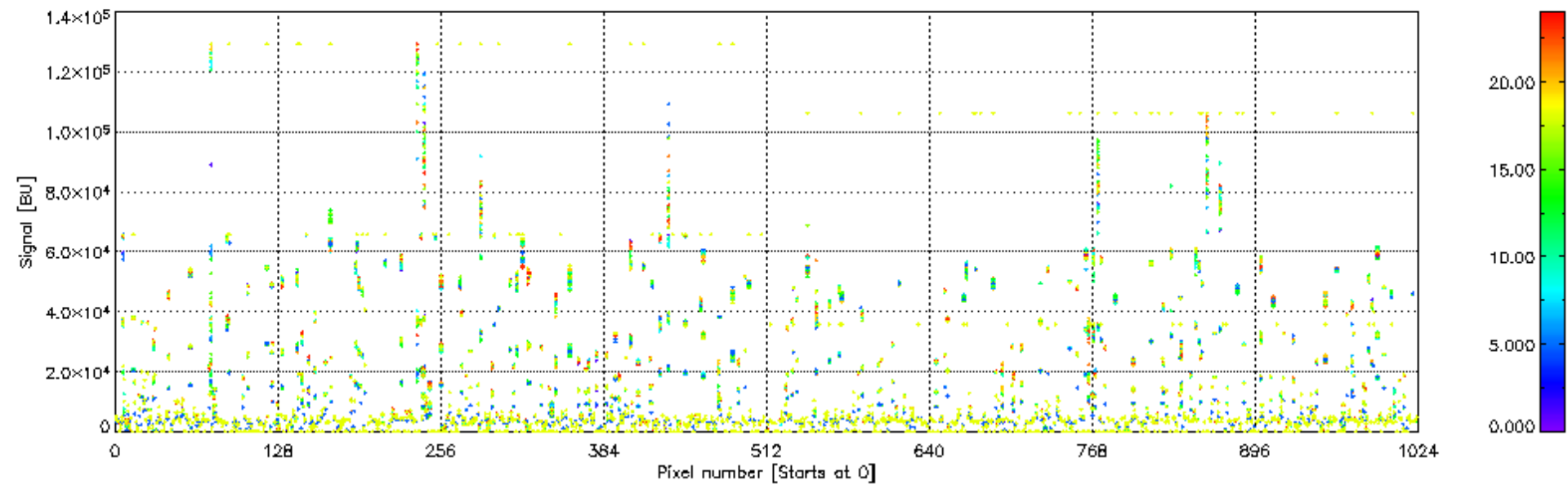
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



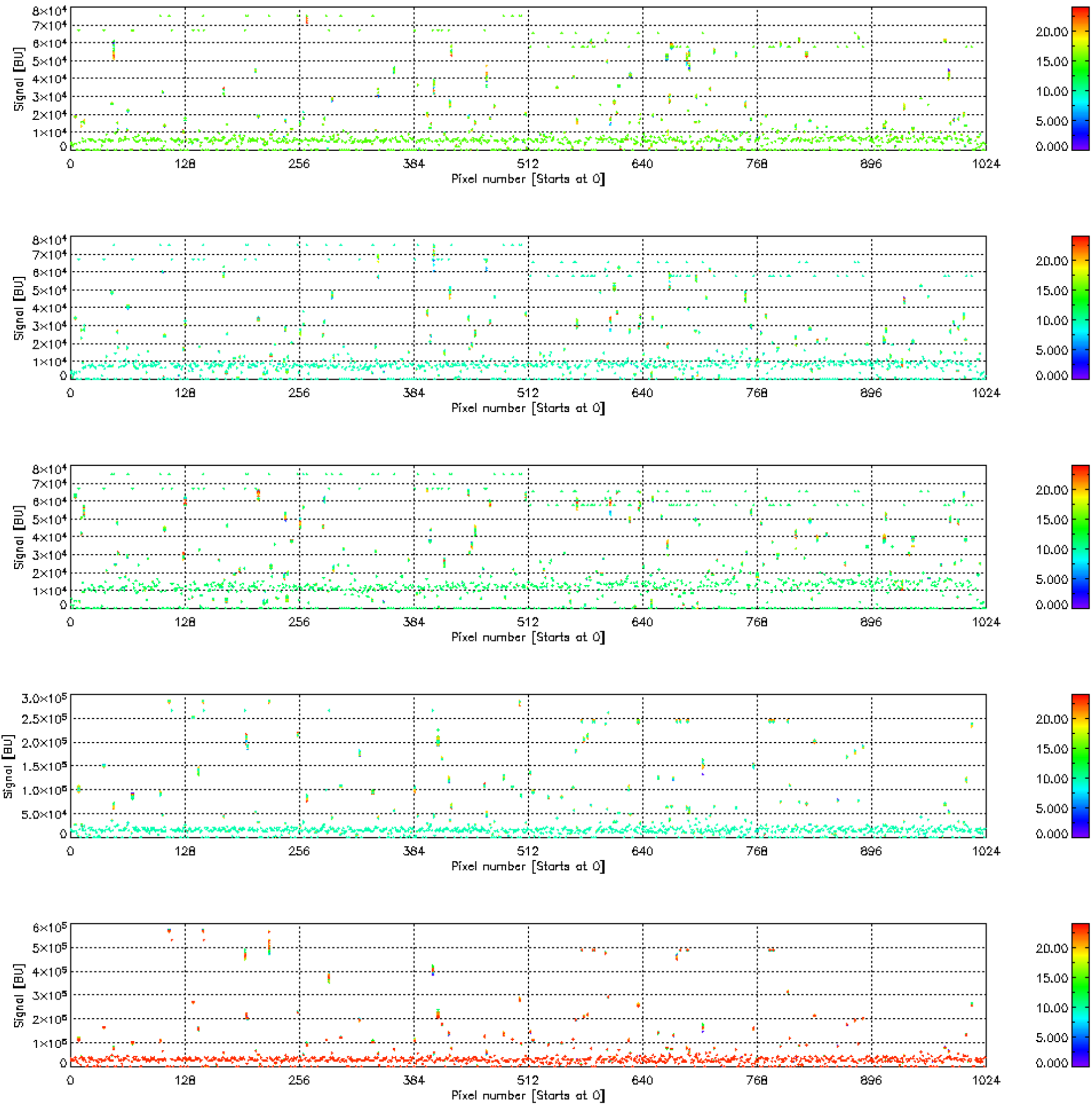
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00



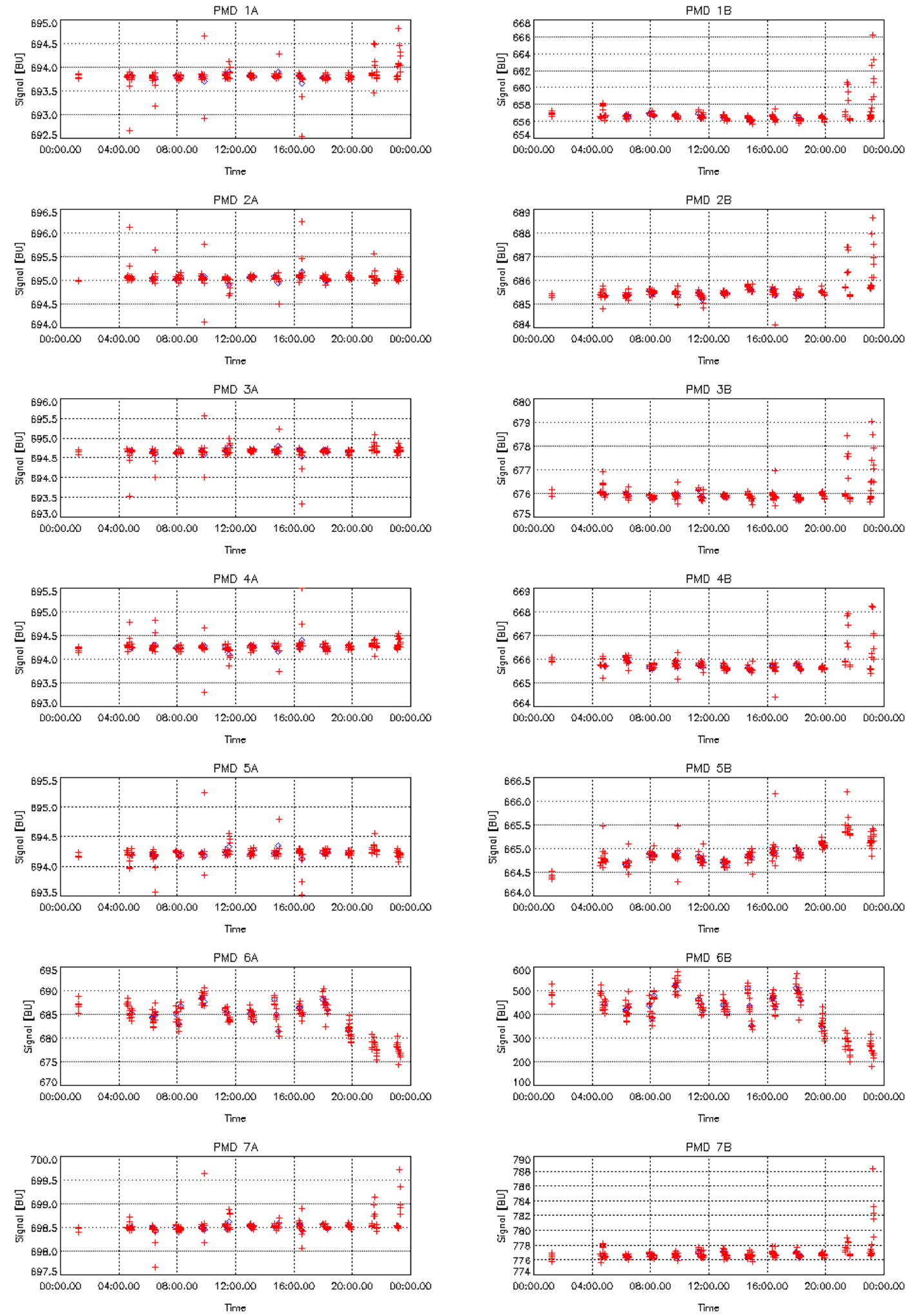
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00

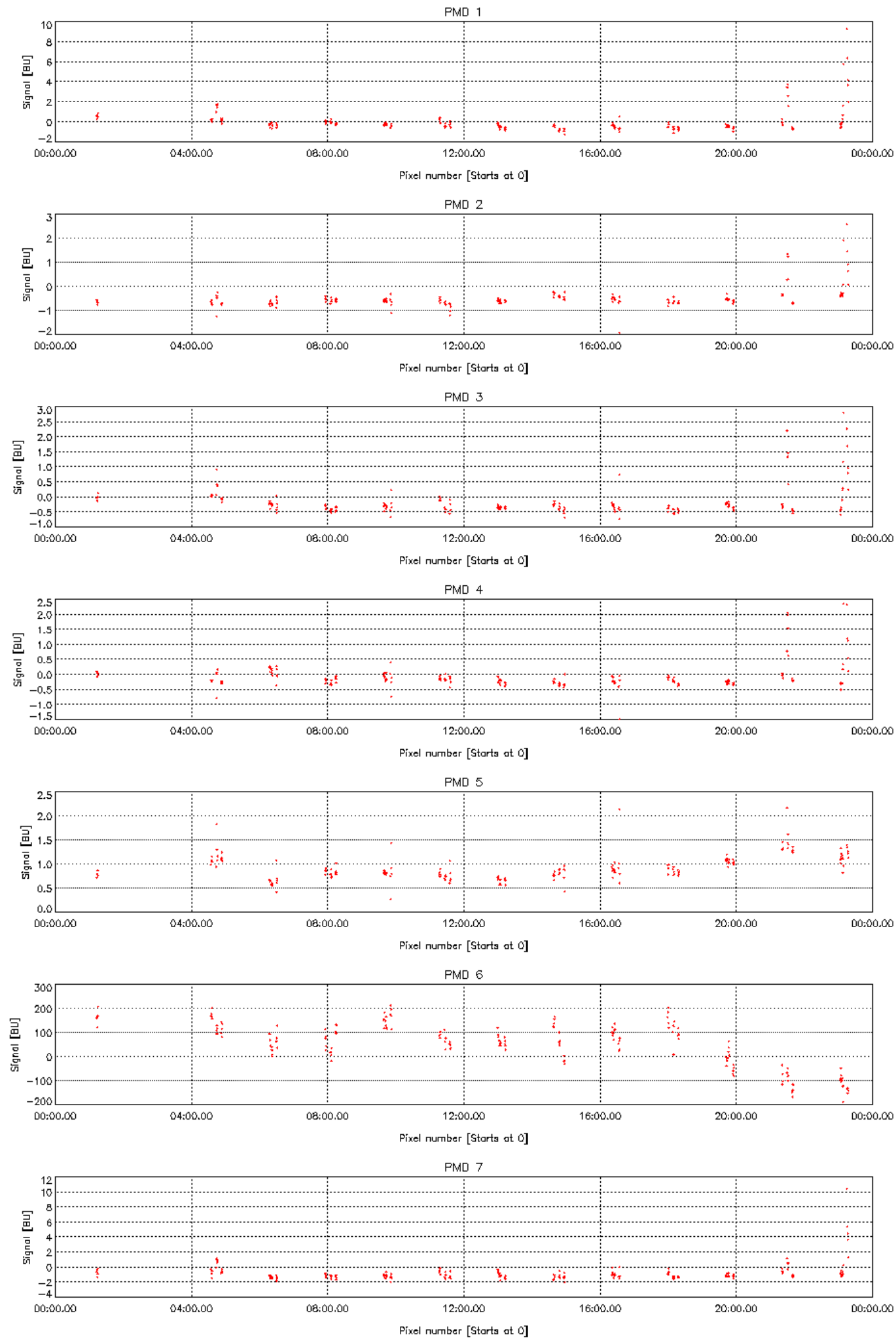


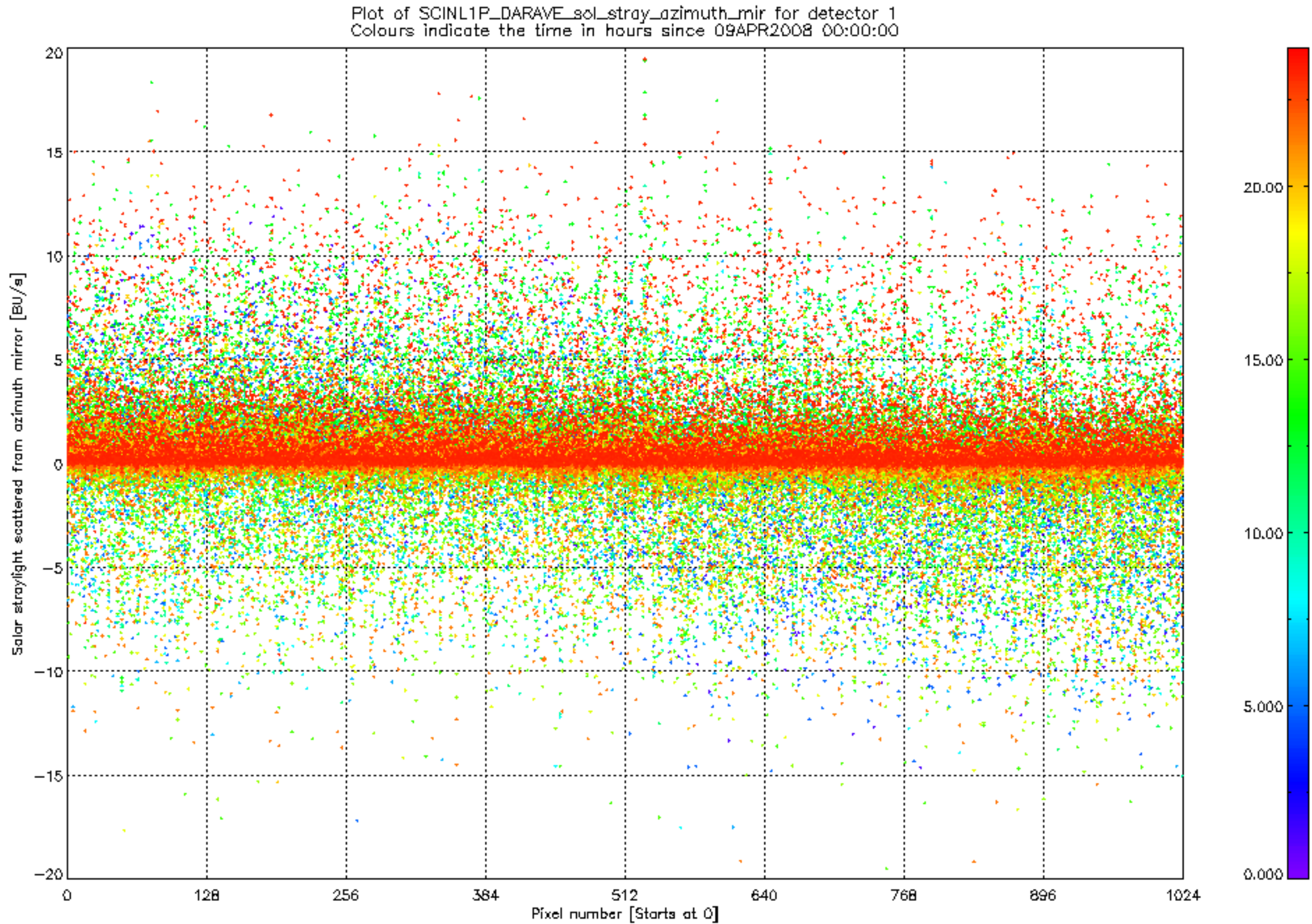
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 09APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 09APR2008 00:00:00

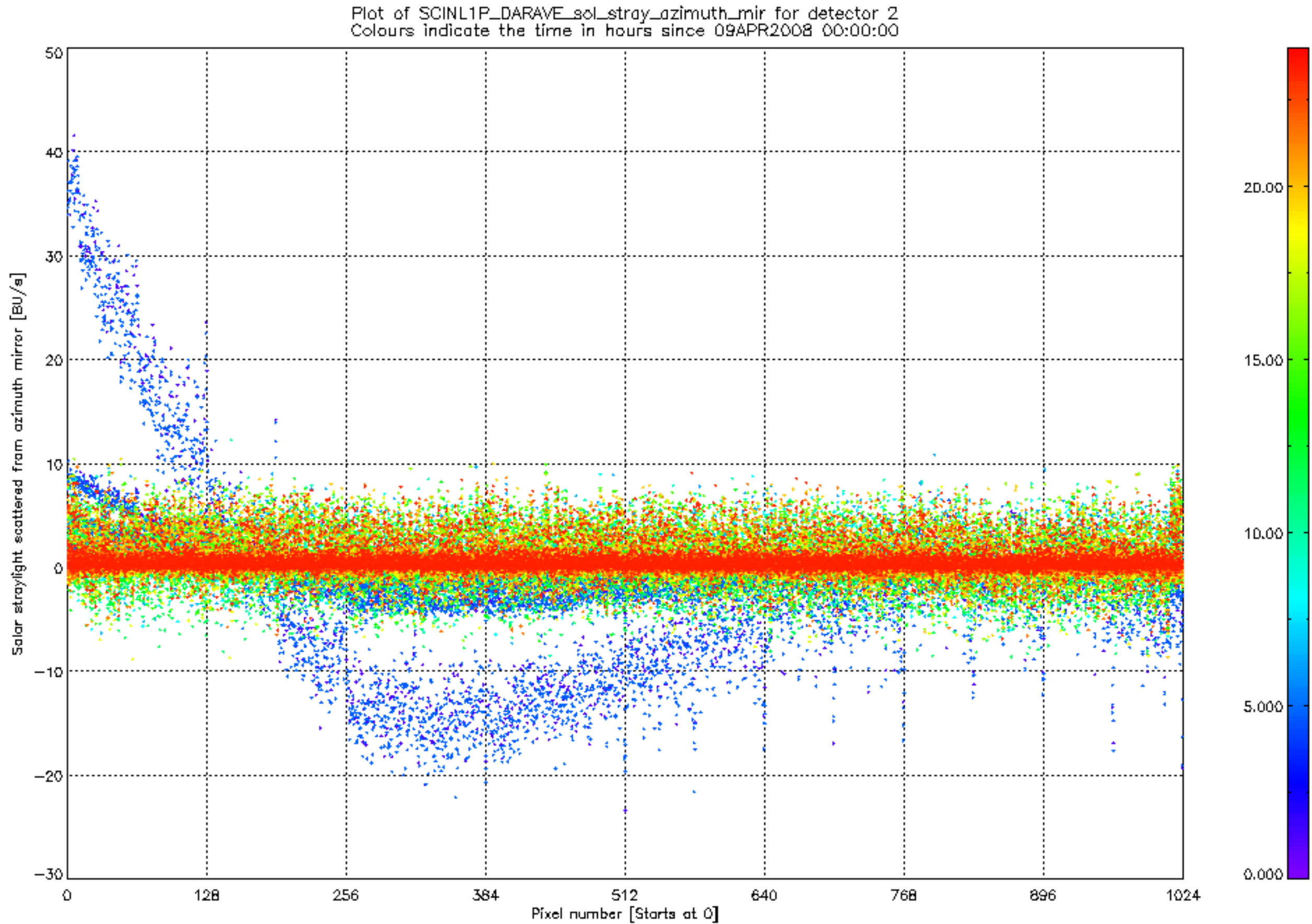


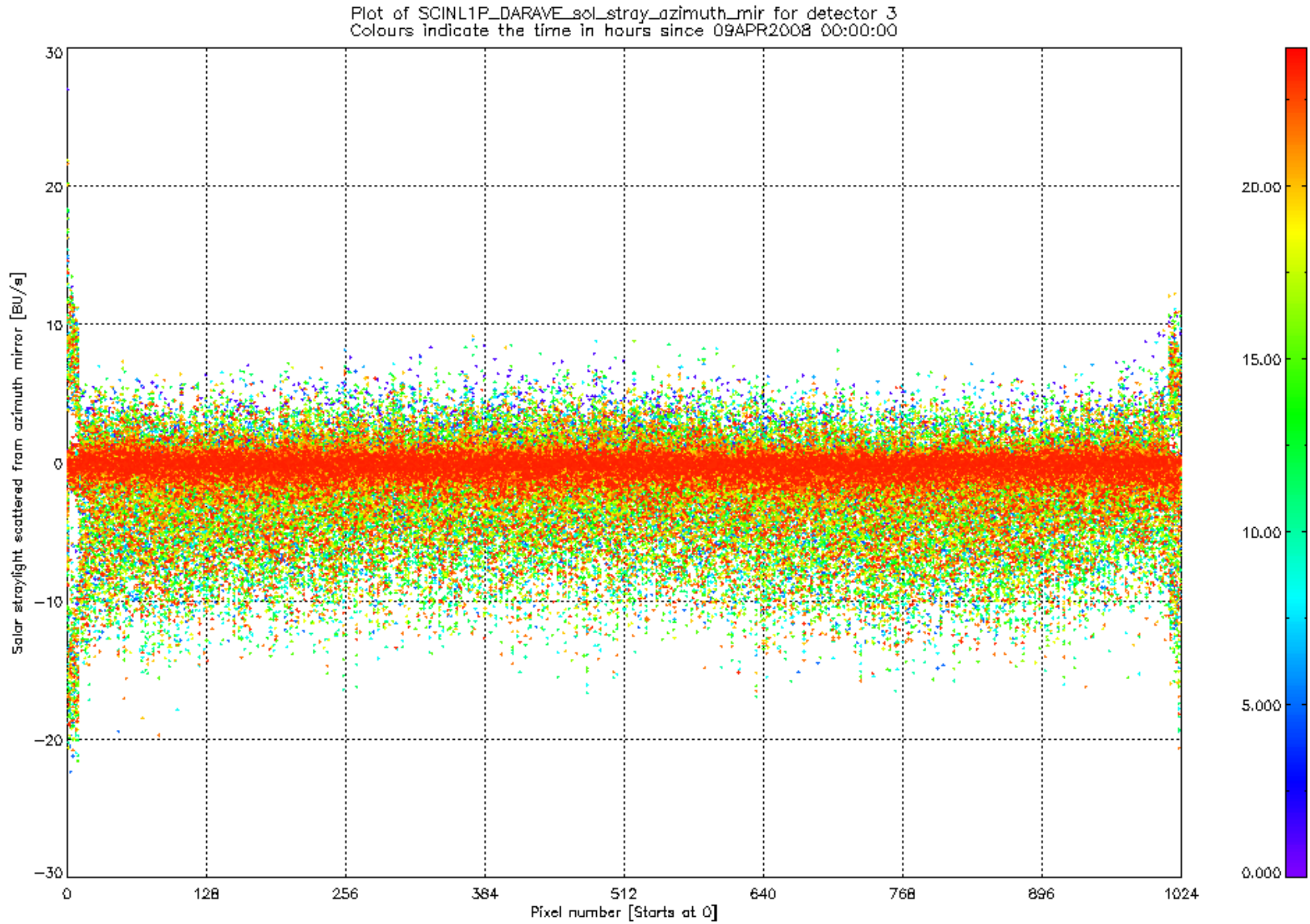
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 09APR2008 (red).
New leakage current offset data is given in blue for comparison.

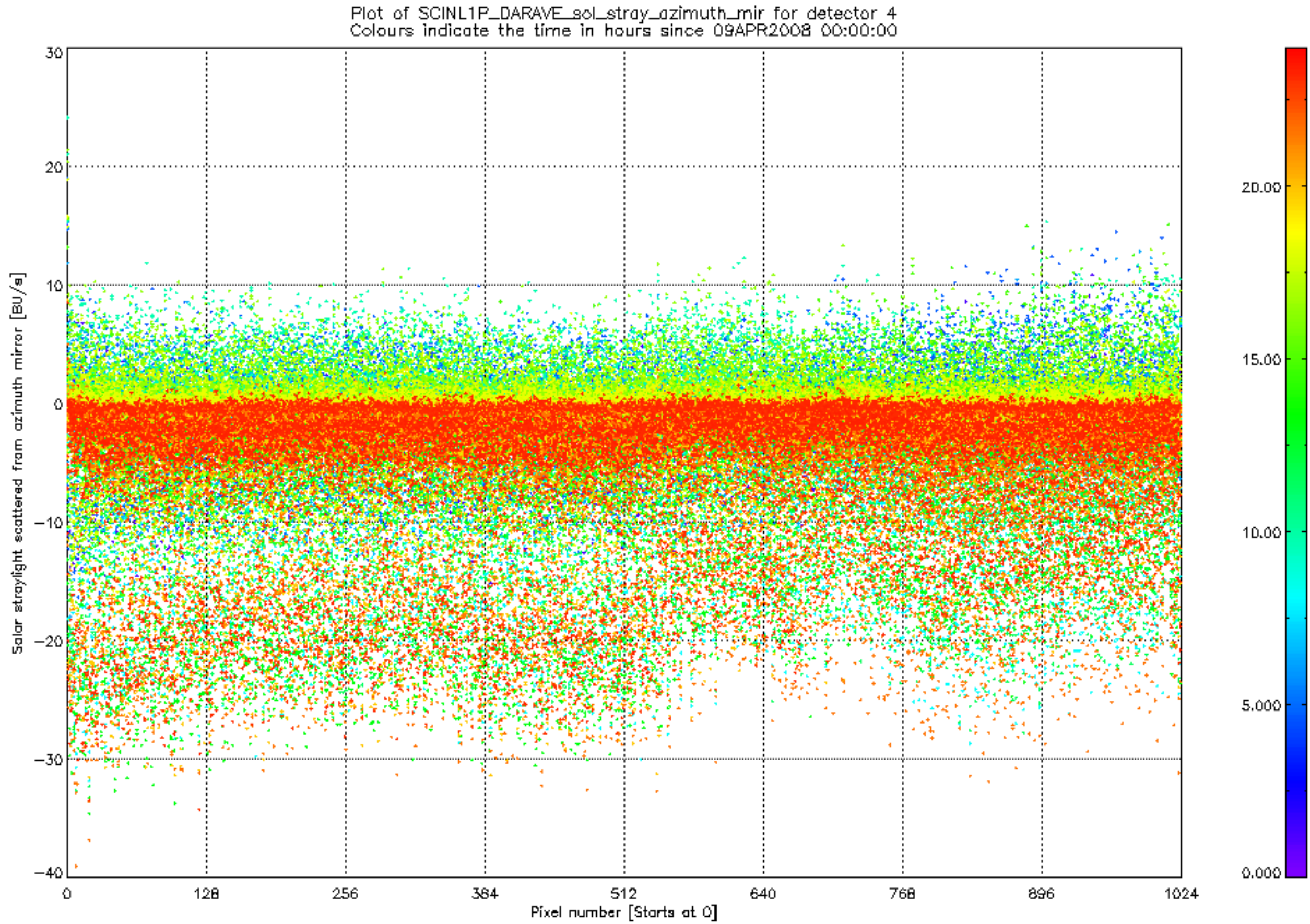


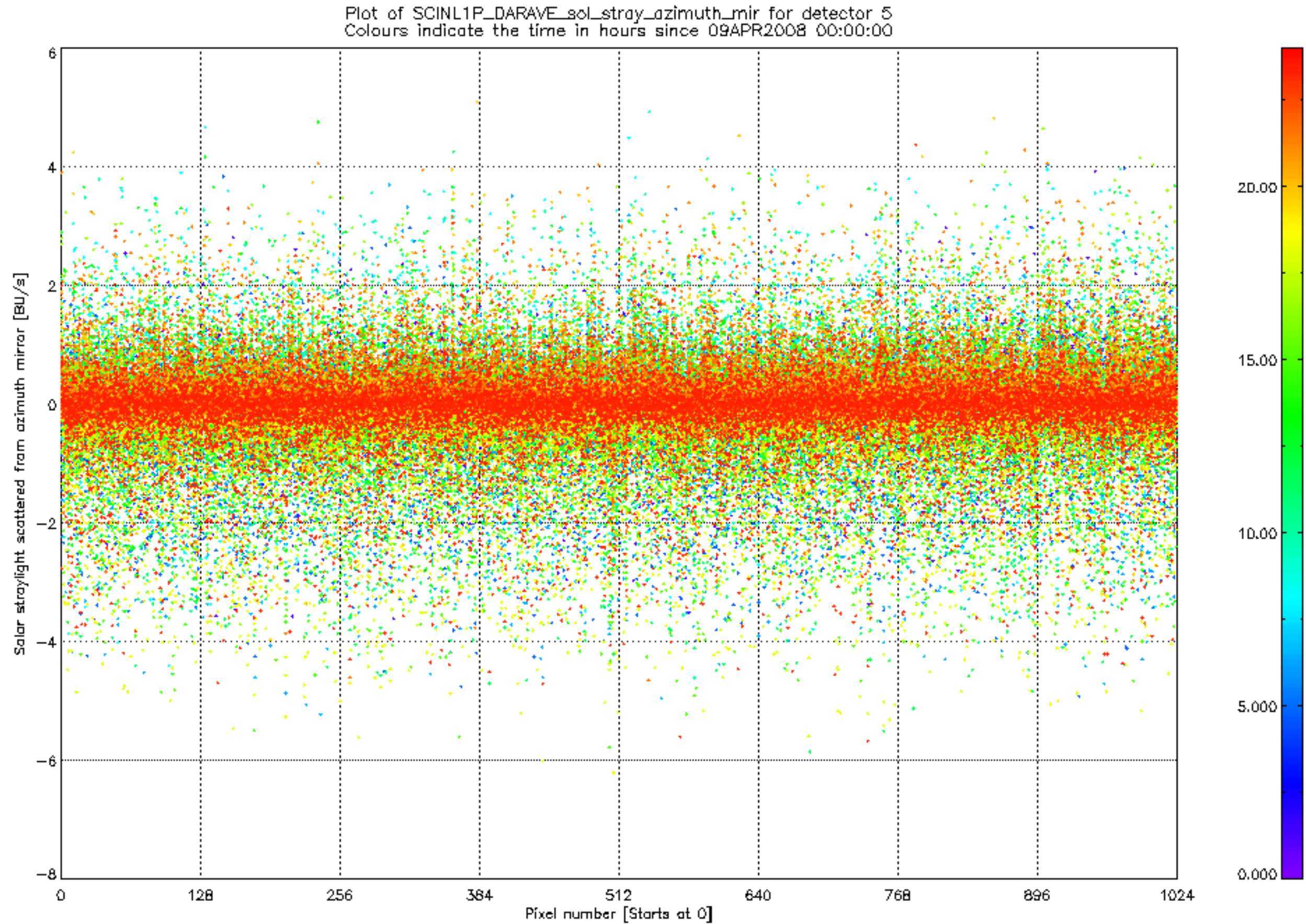


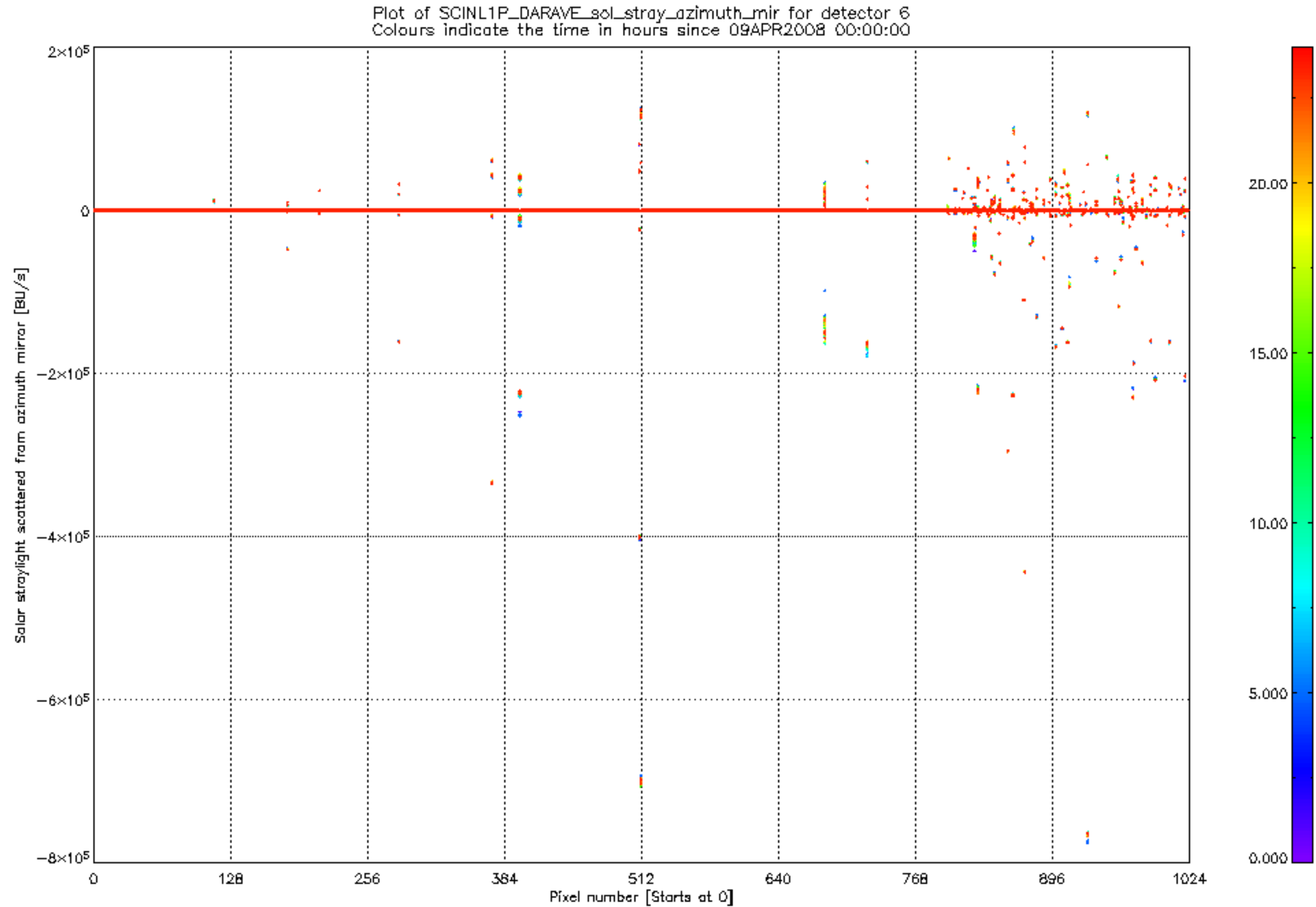


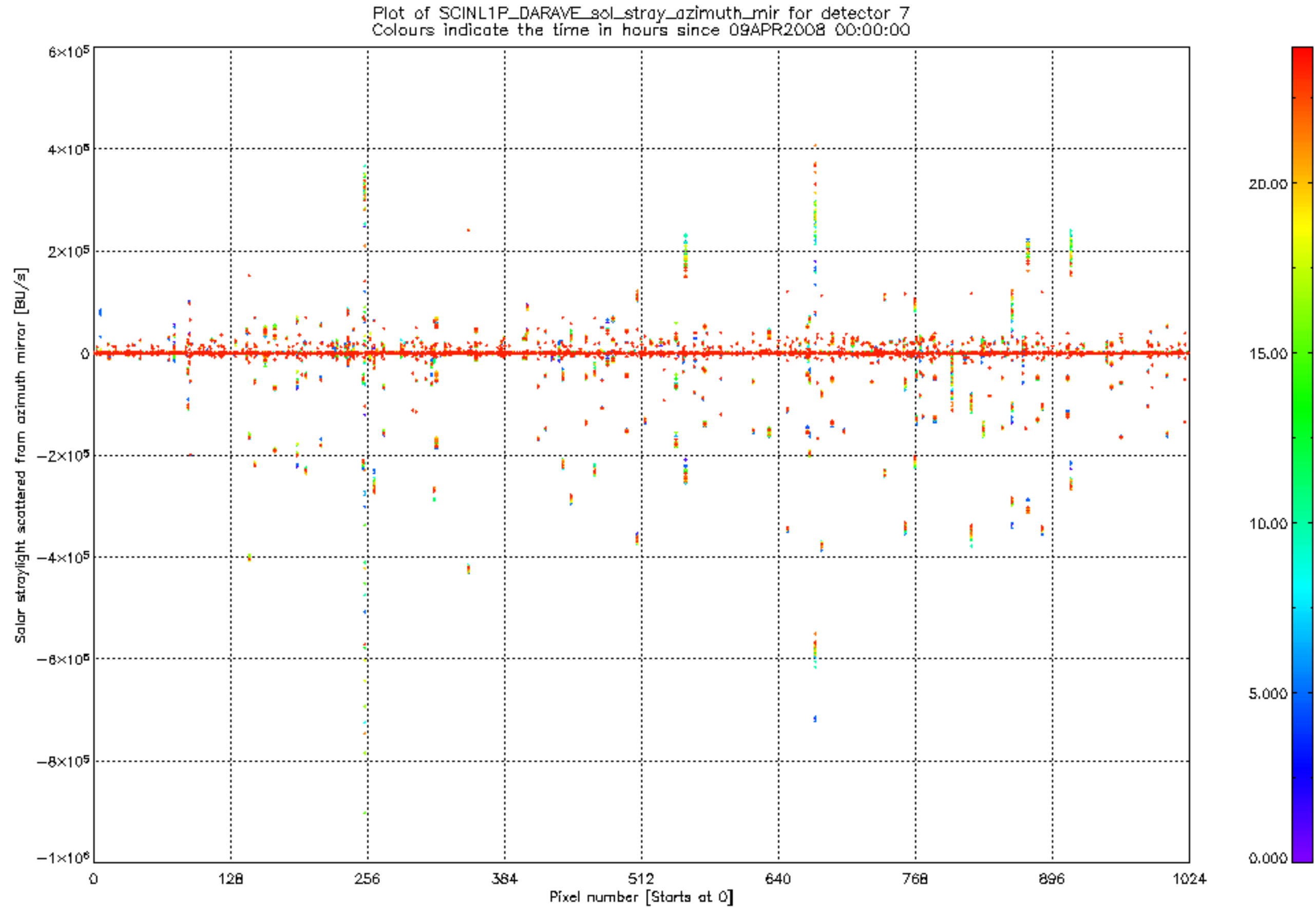


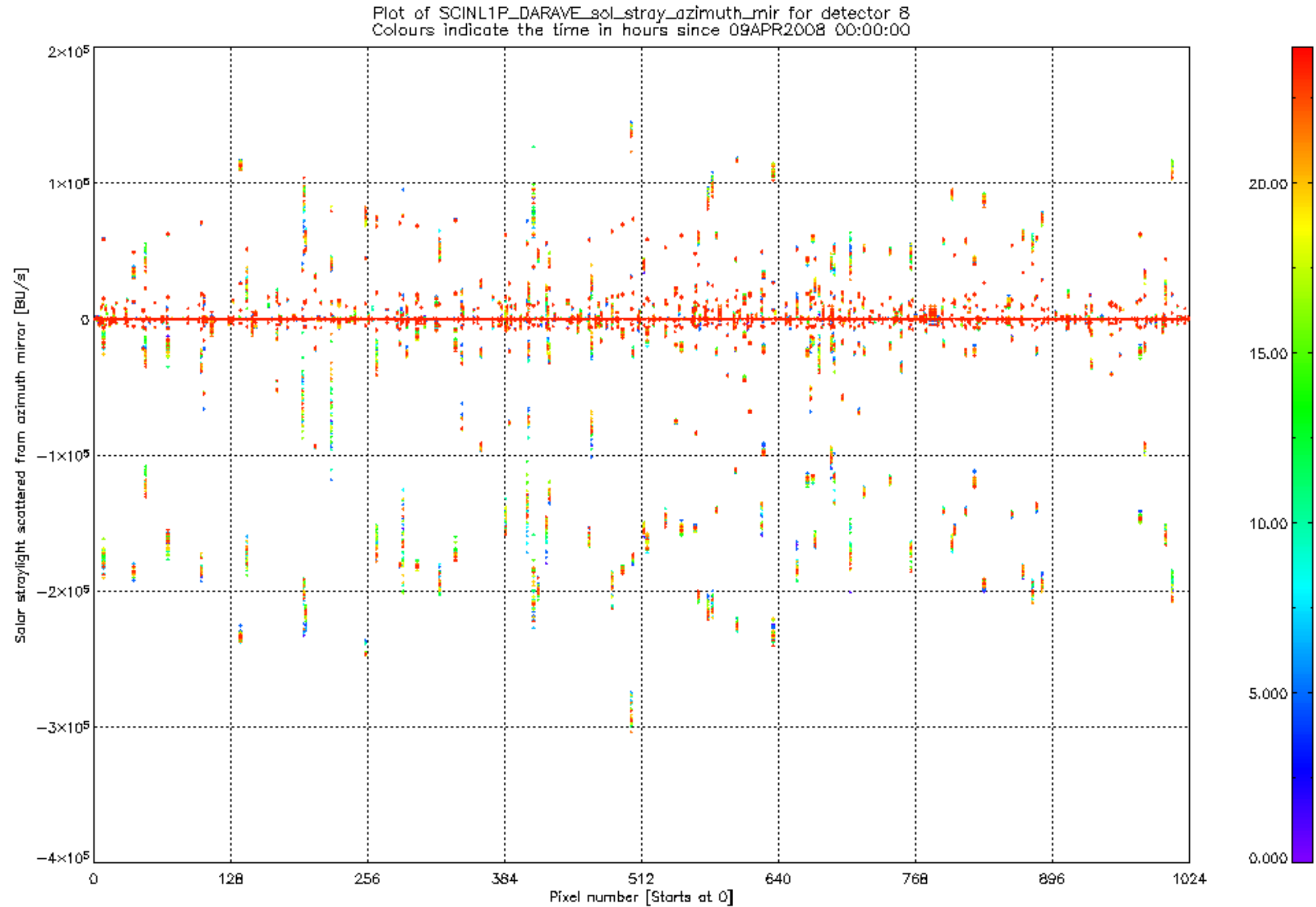




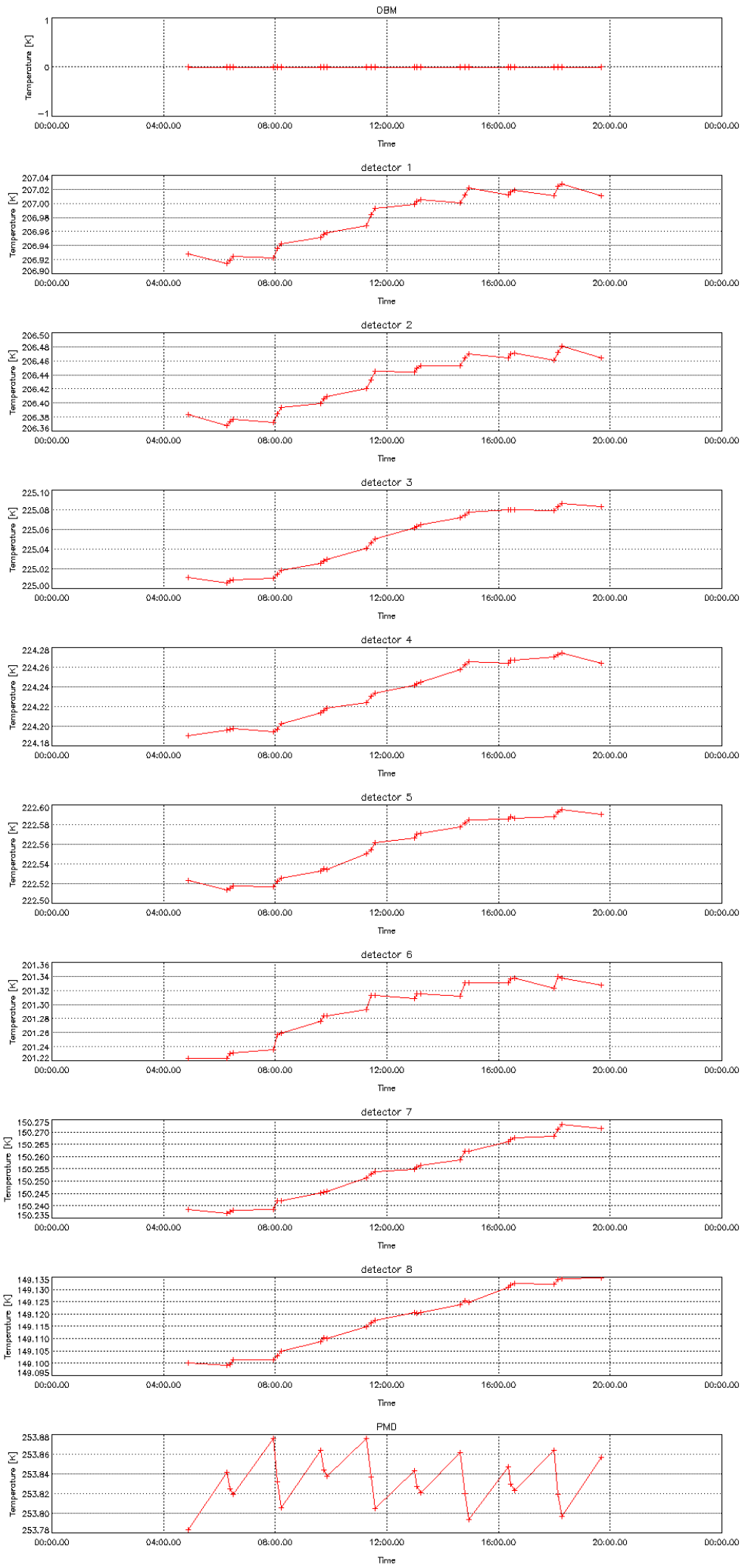




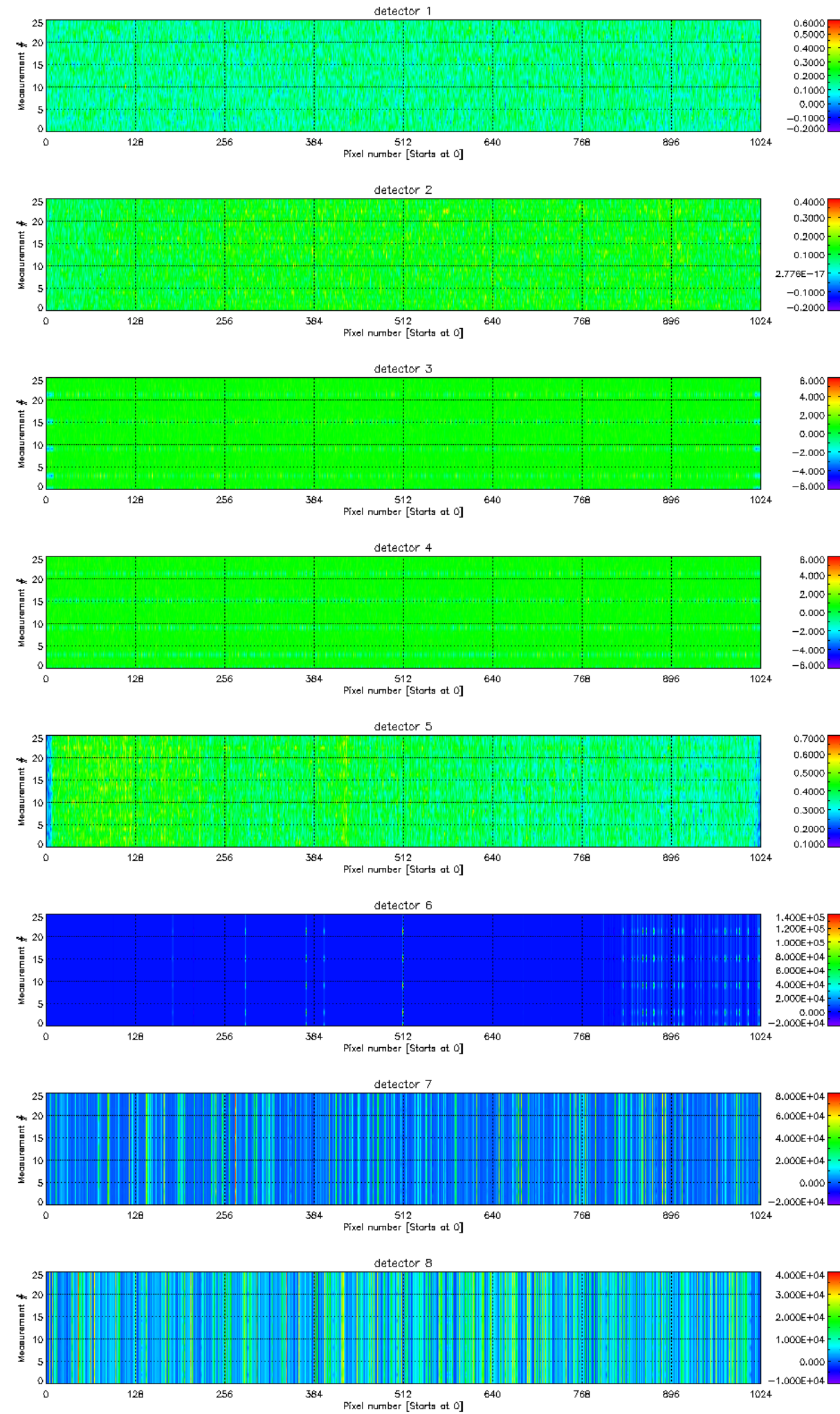




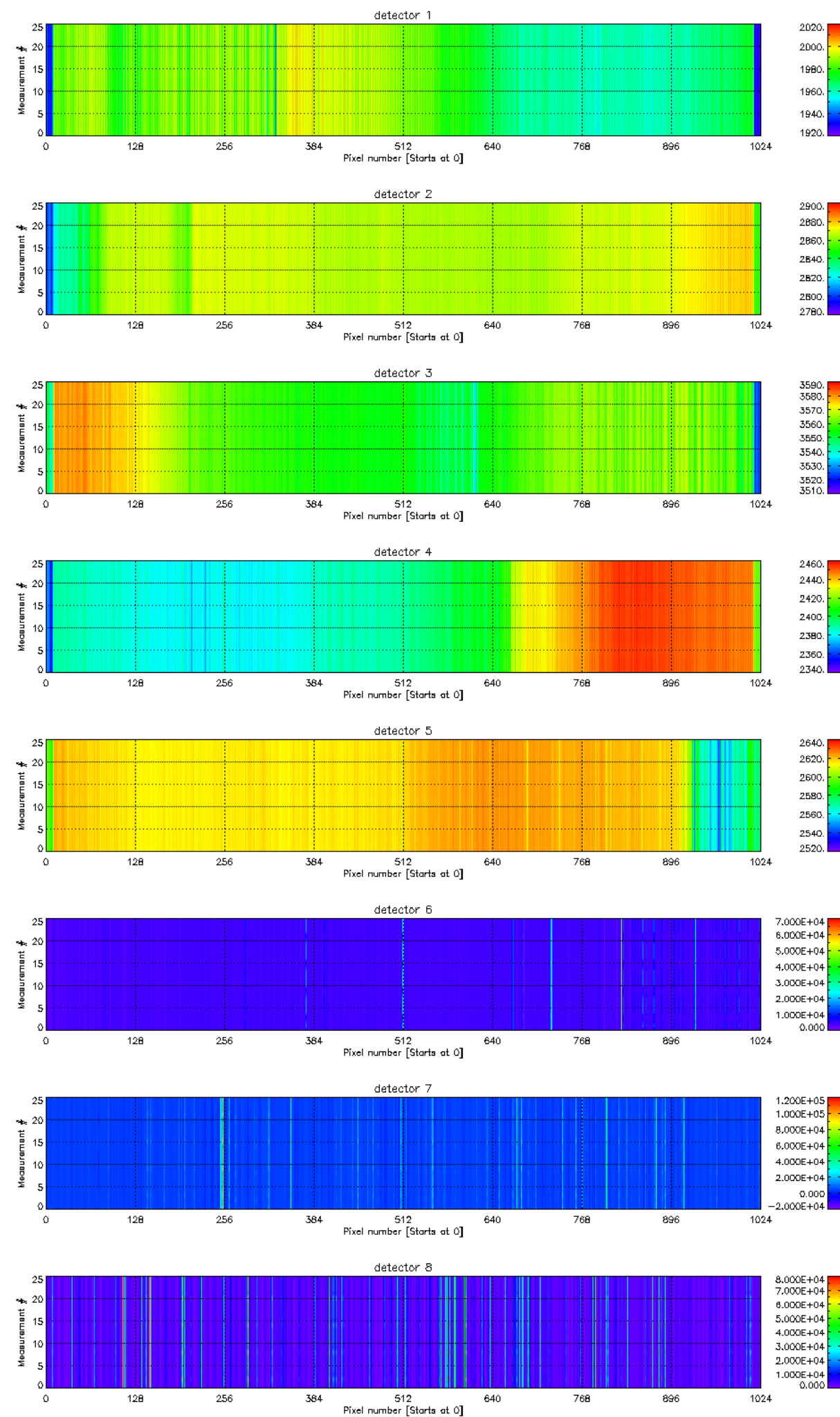
Plots of SCINL1P_NEWLEA_obm_def_prnd temperatures vs time on 09APR2008.



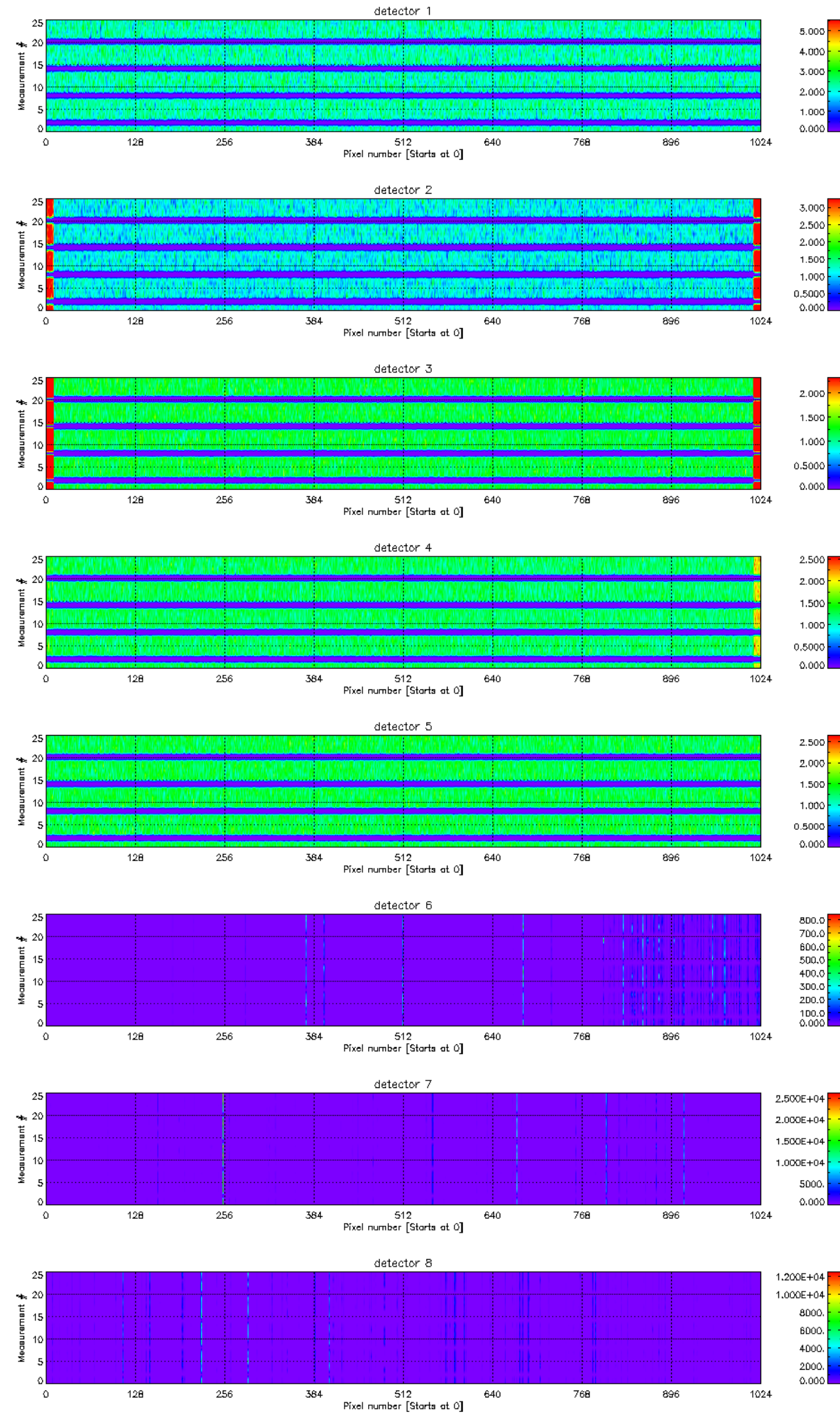
Plots of SCINL1P_NEWLEA_leak_cur for various detectors on 09APR2008.
Colours indicate the value in BU/s.



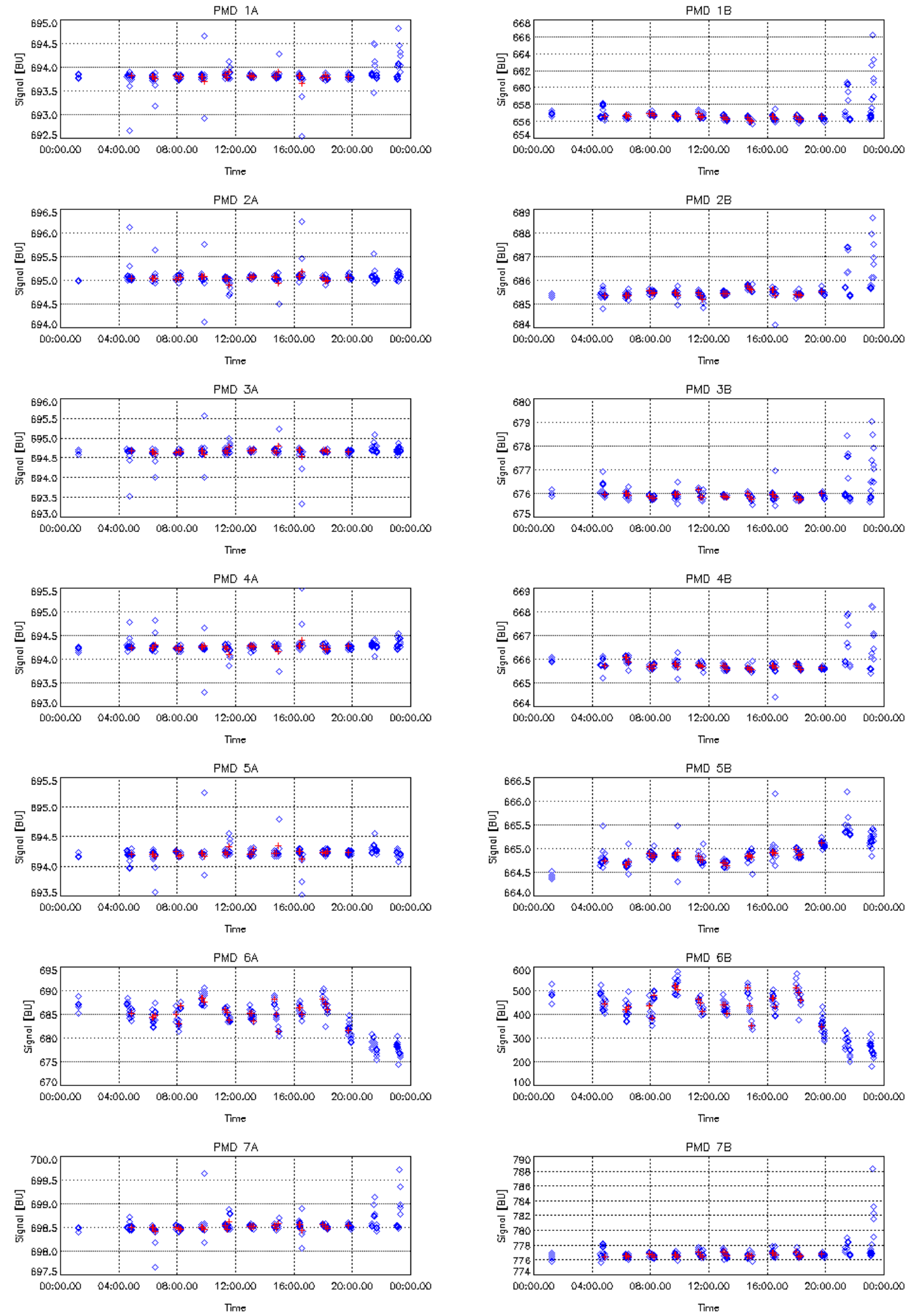
Plots of SCINL1P_NEWLEA_fpn for various detectors on 09APR2008.
Colours indicate the value in BU.

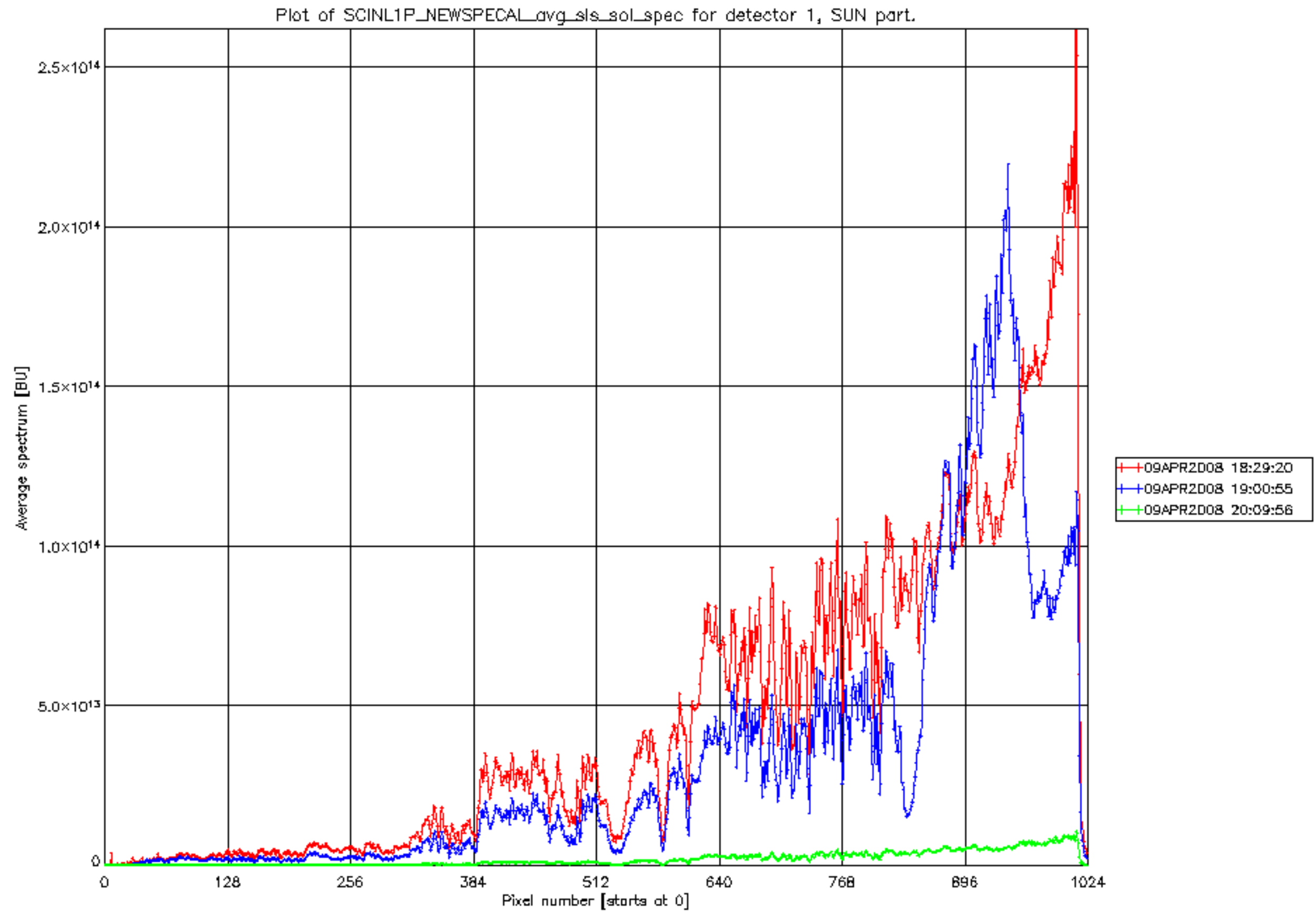


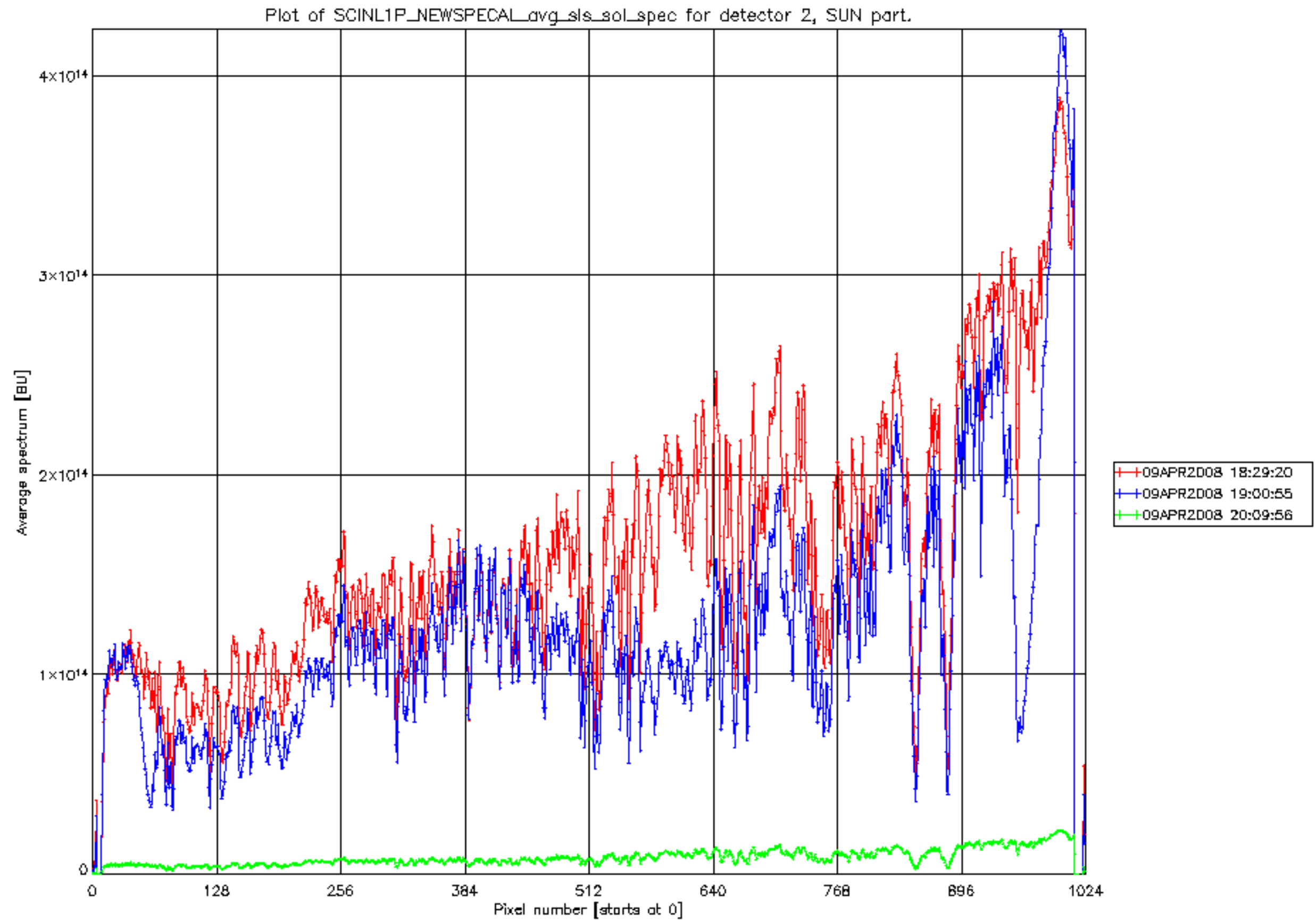
Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 09APR2008.
Colours indicate the value in BU.

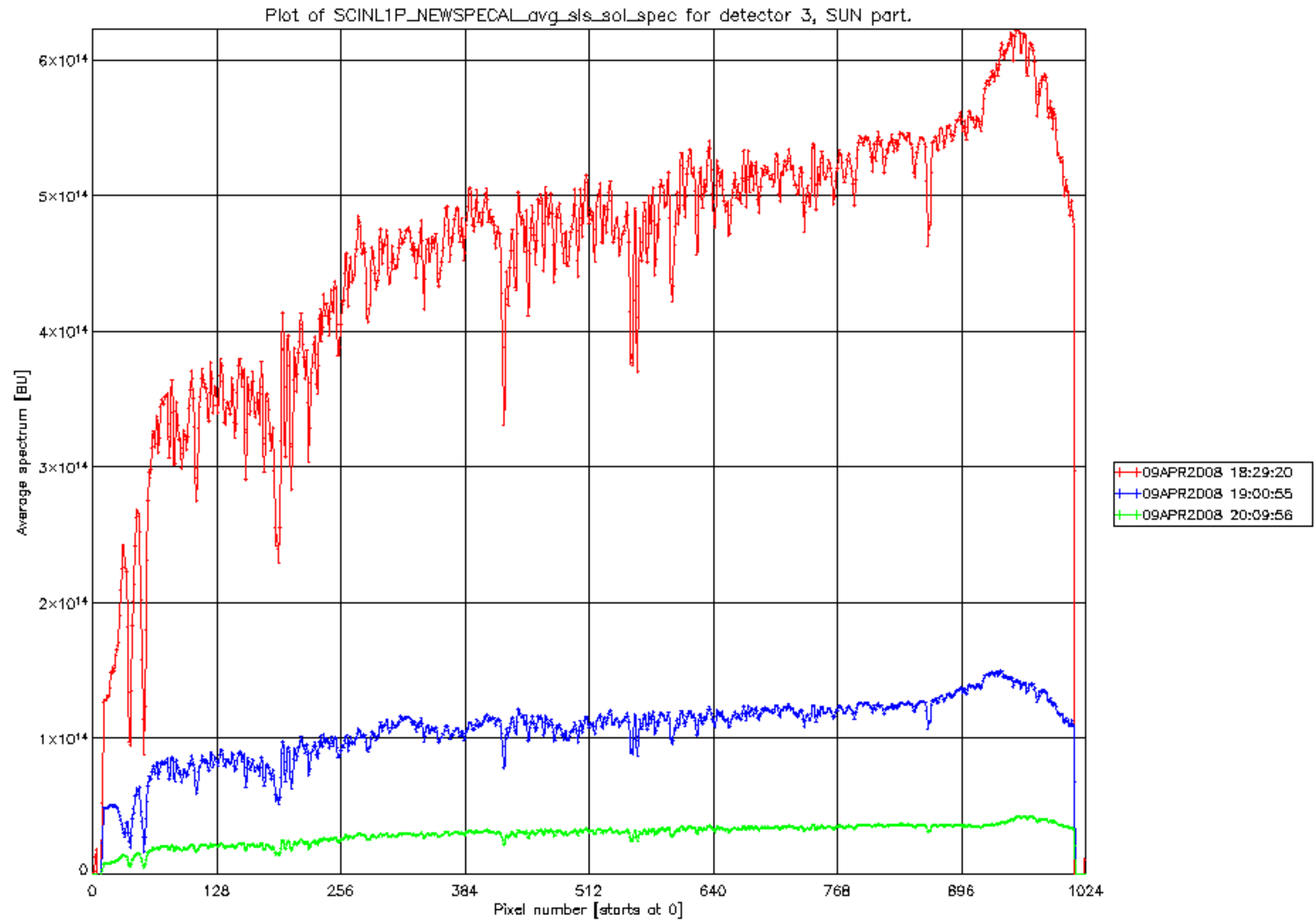


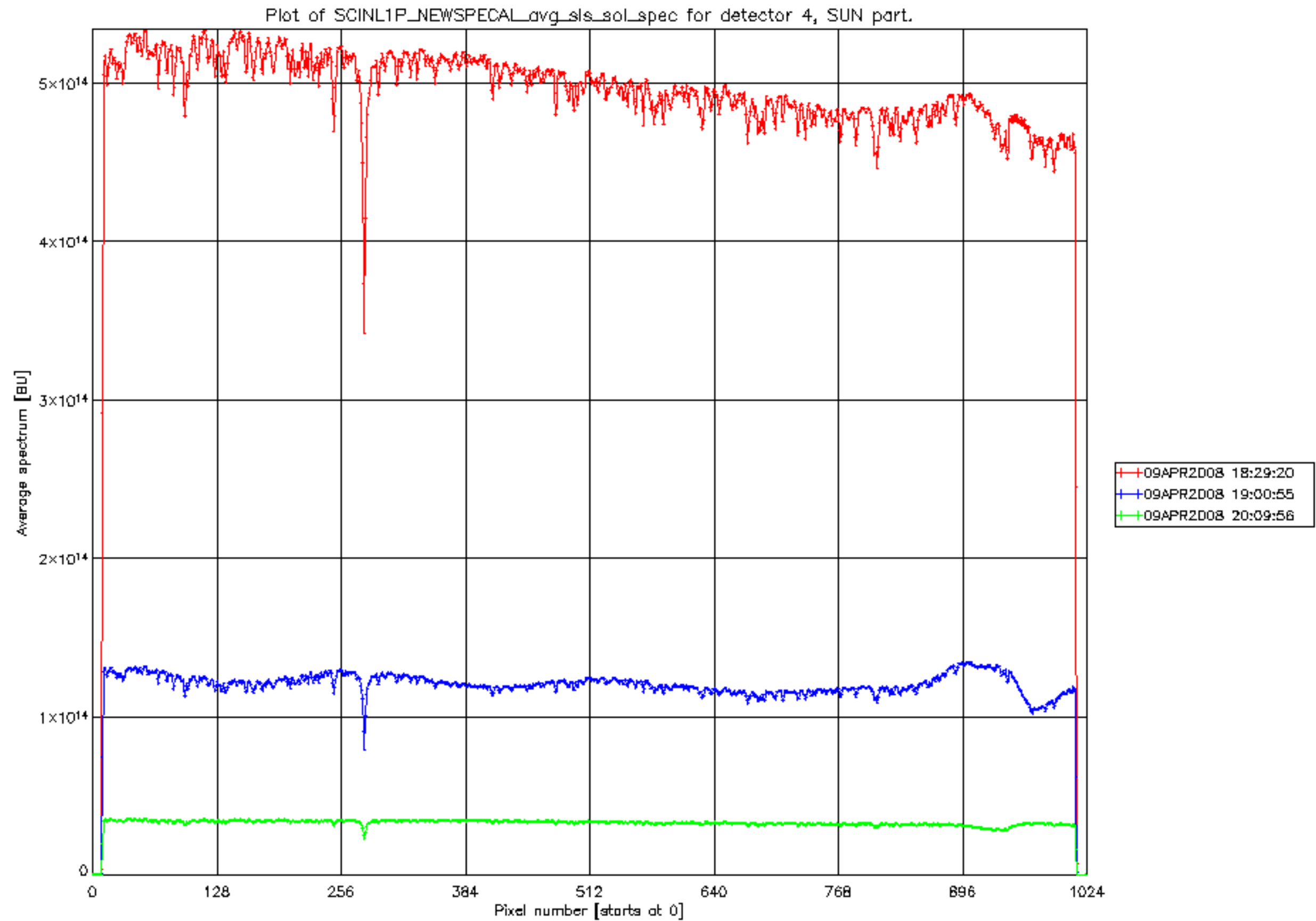
Plots of SCINL1P_NEWLEA_pmd_off vs time on 09APR2008 (red).
Dark average pmd data is given in blue for comparison.

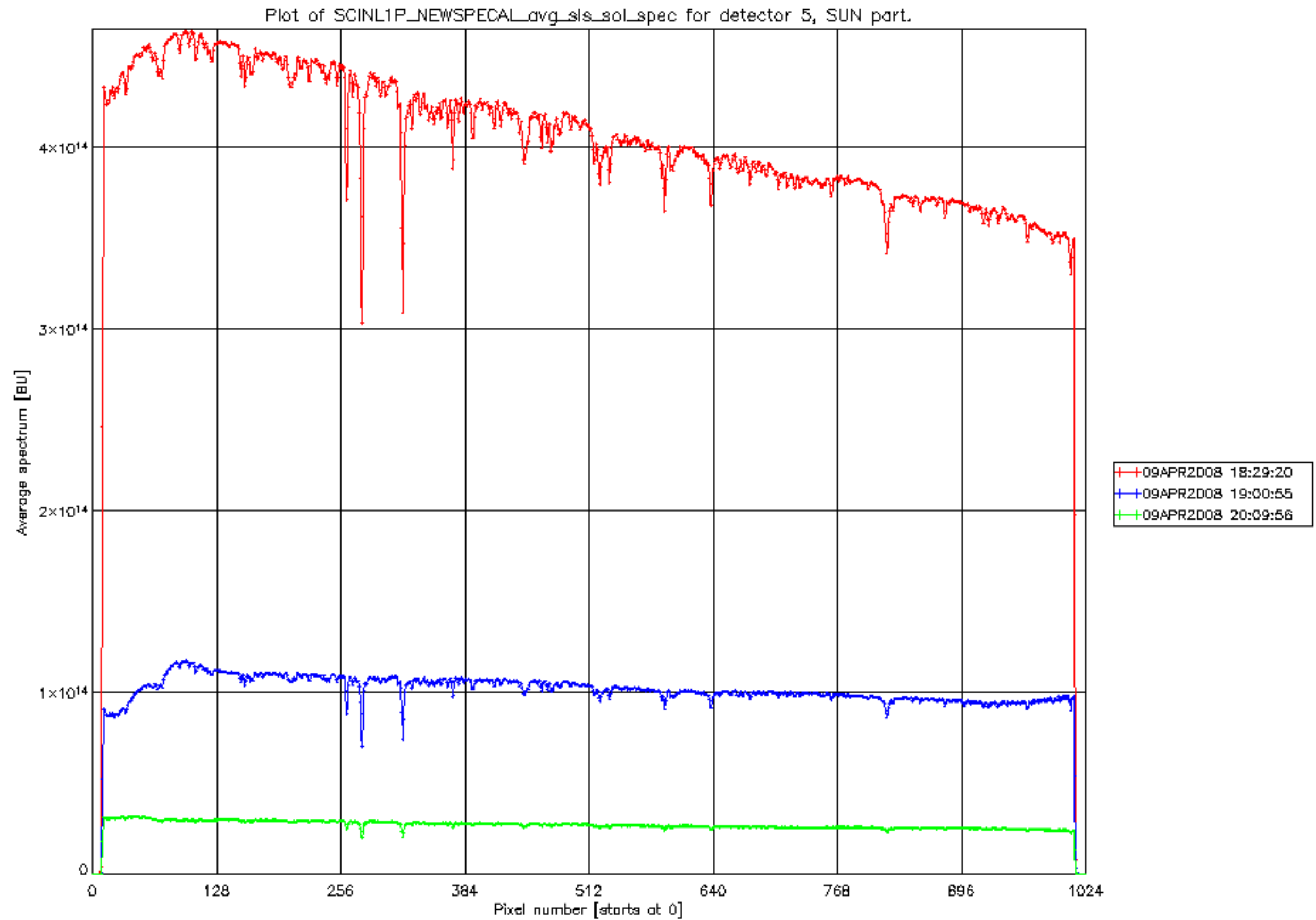


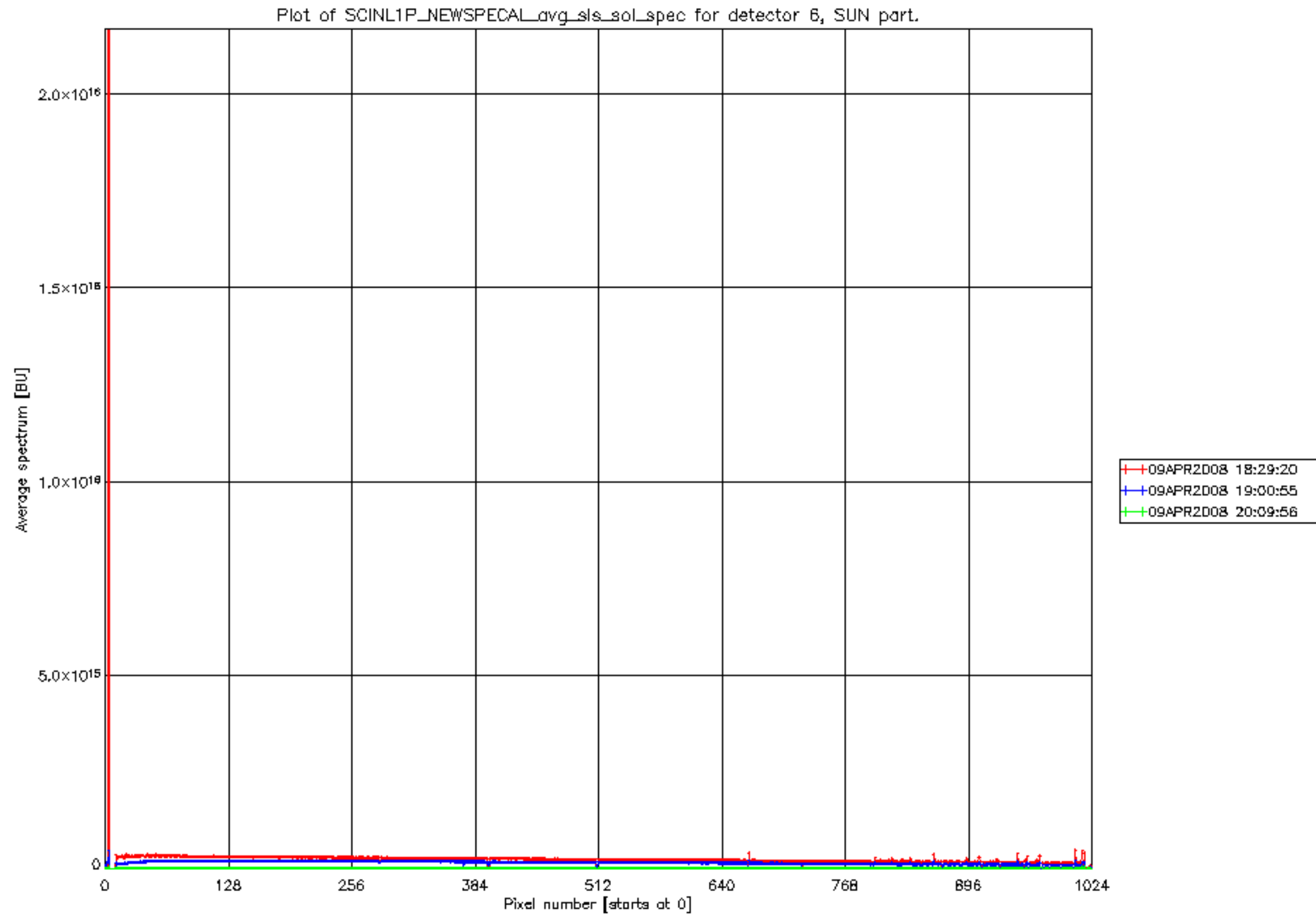


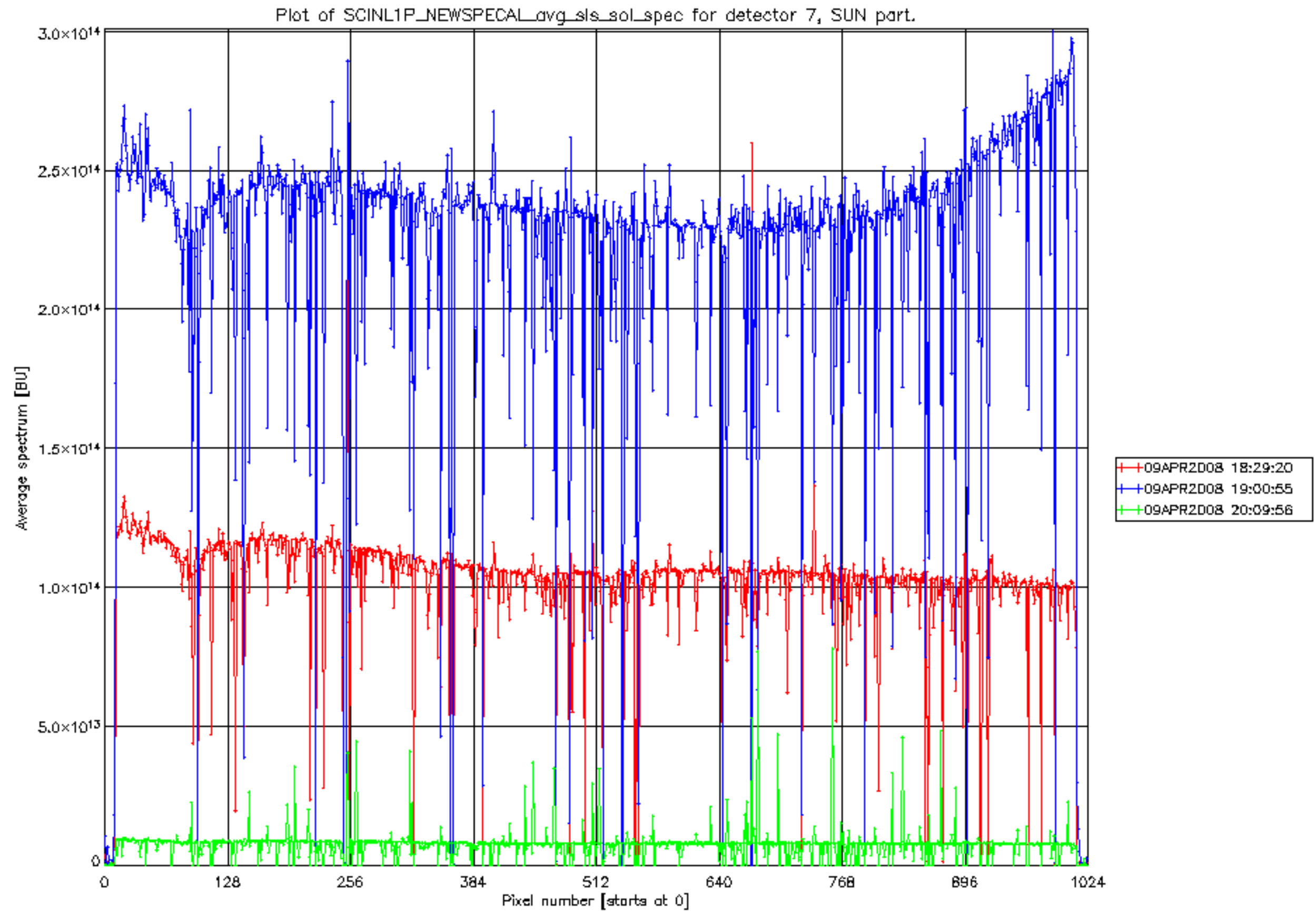


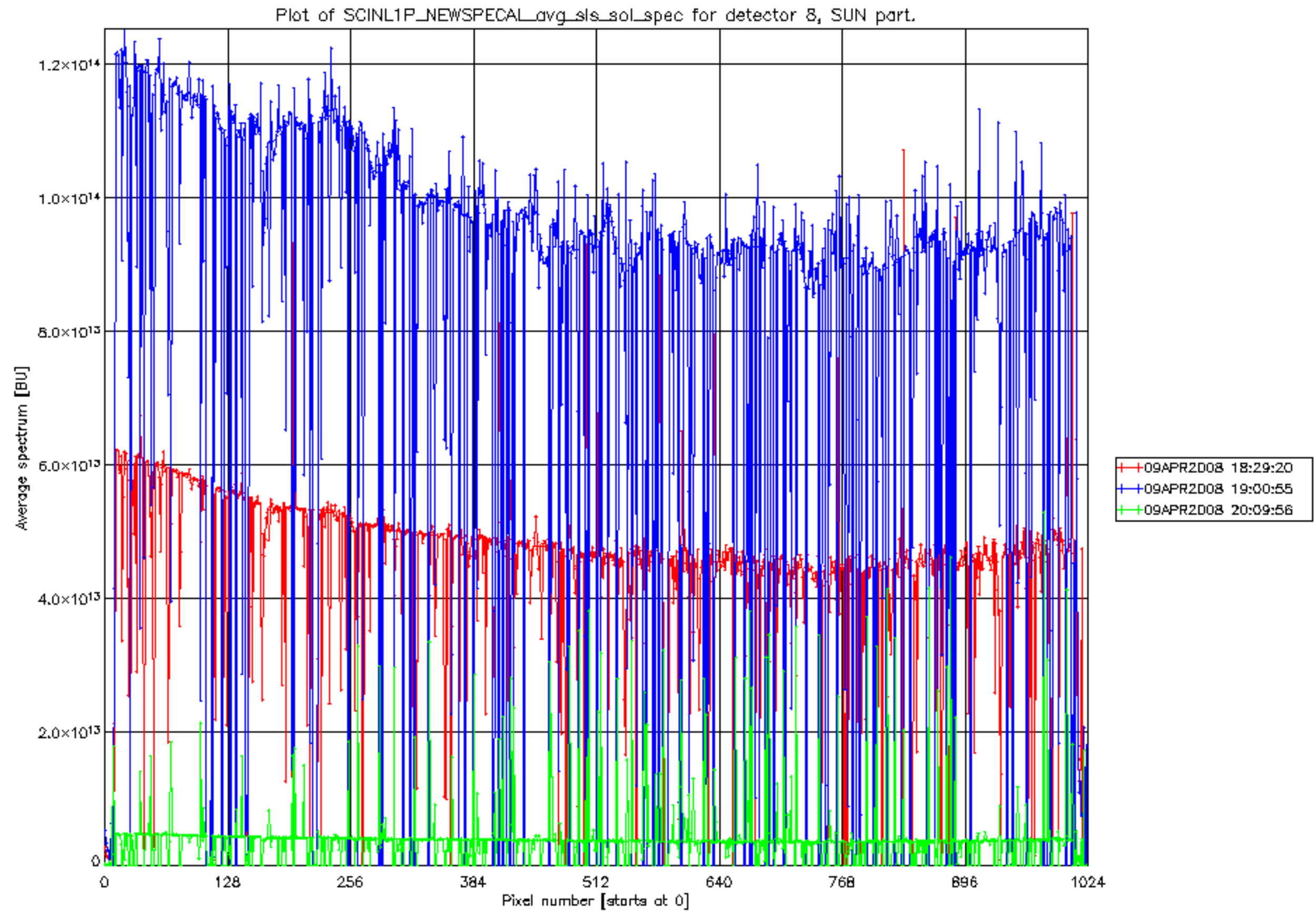


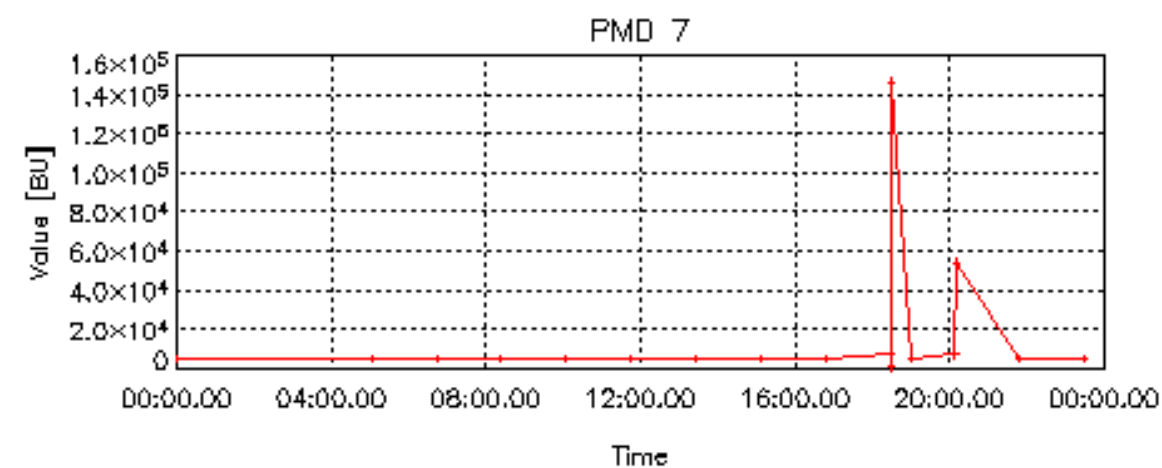
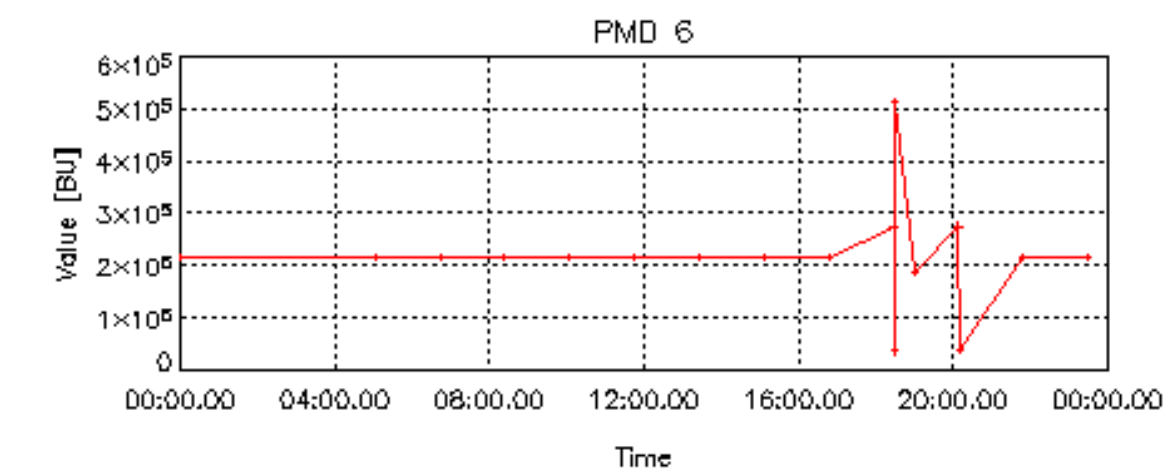
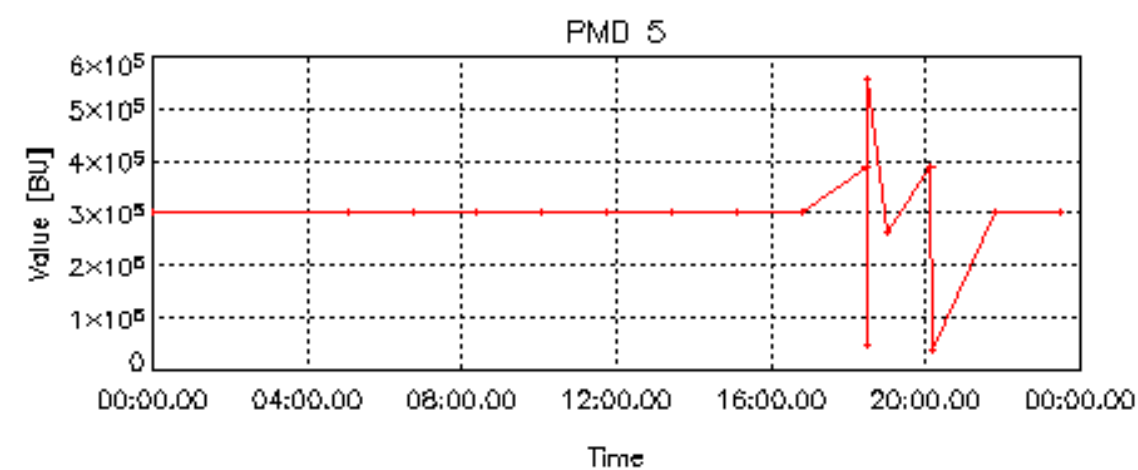
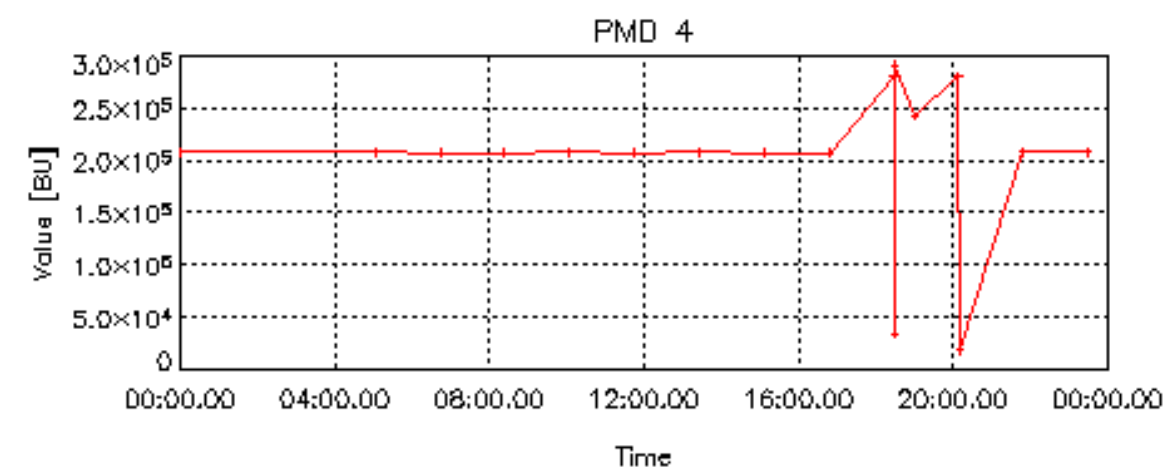
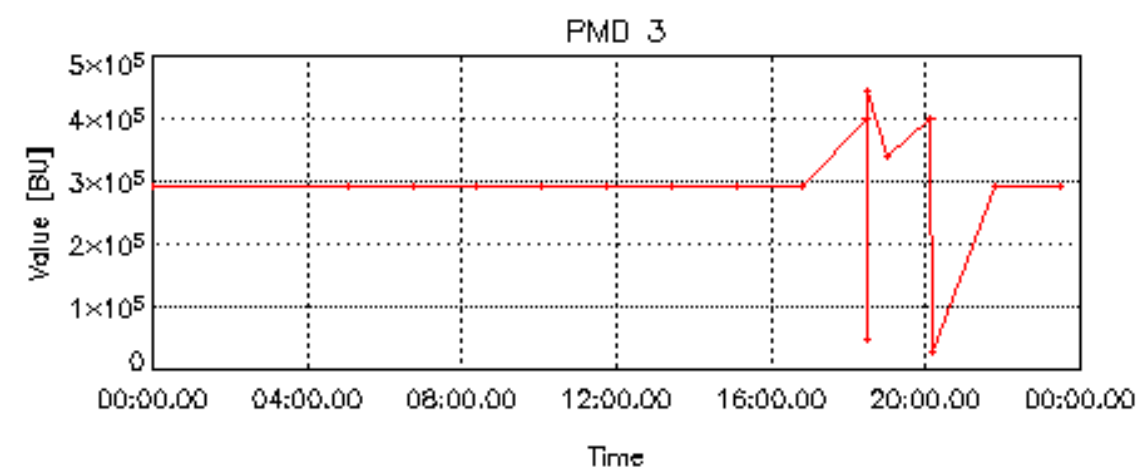
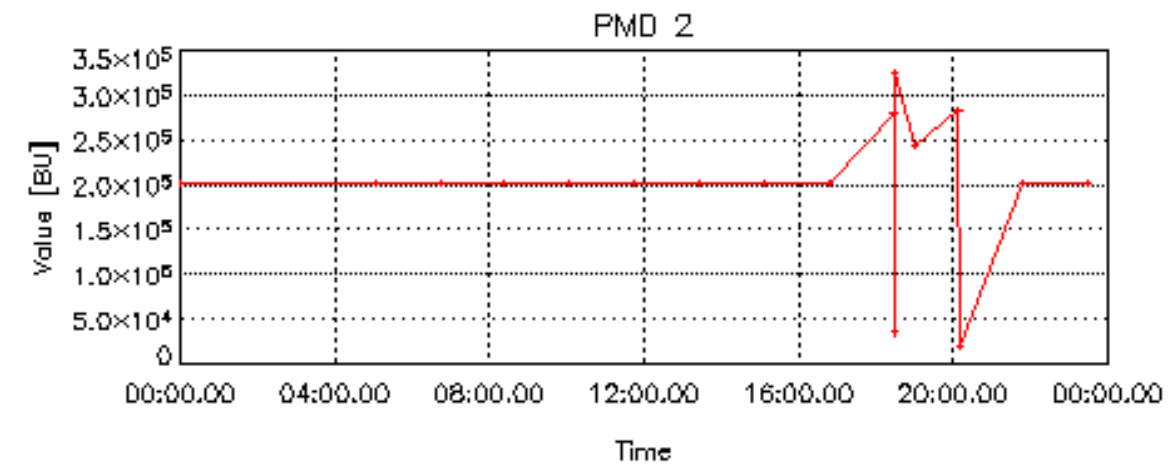
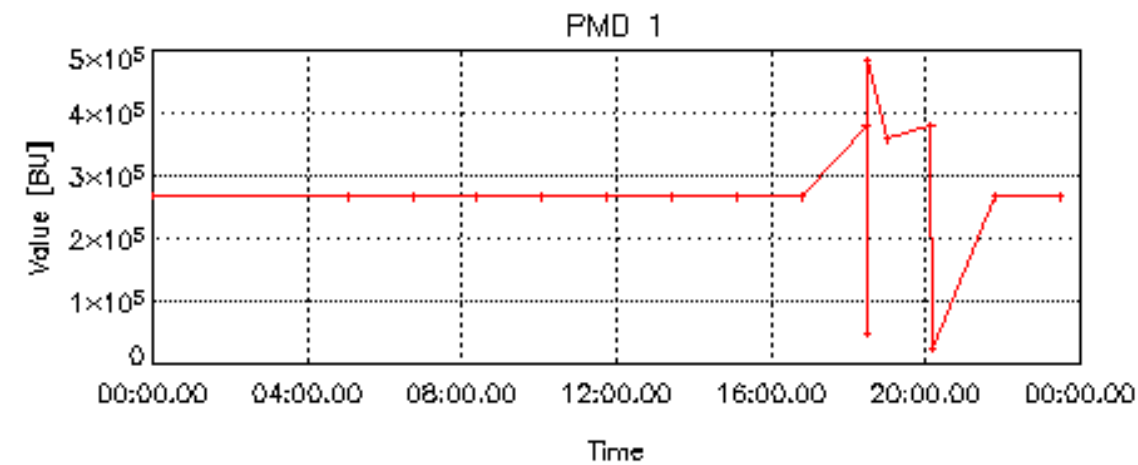


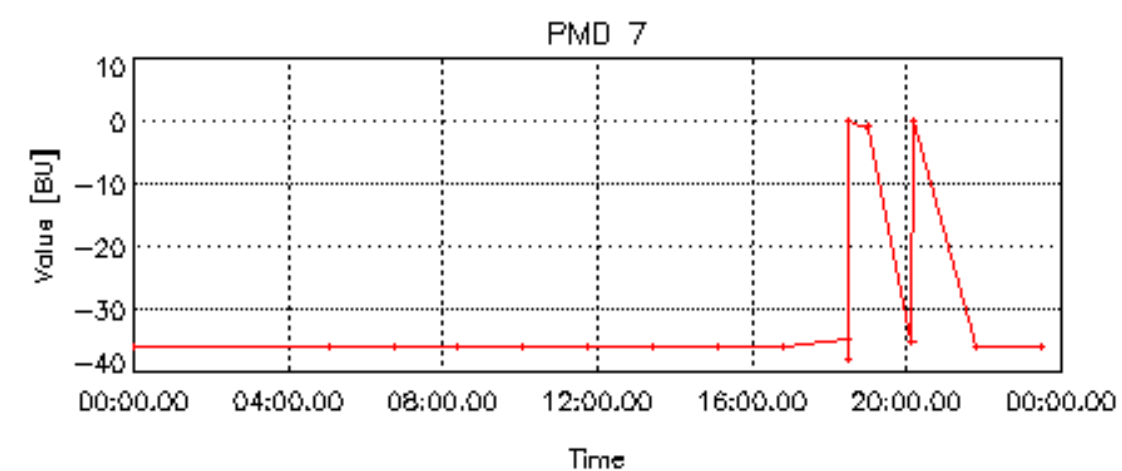
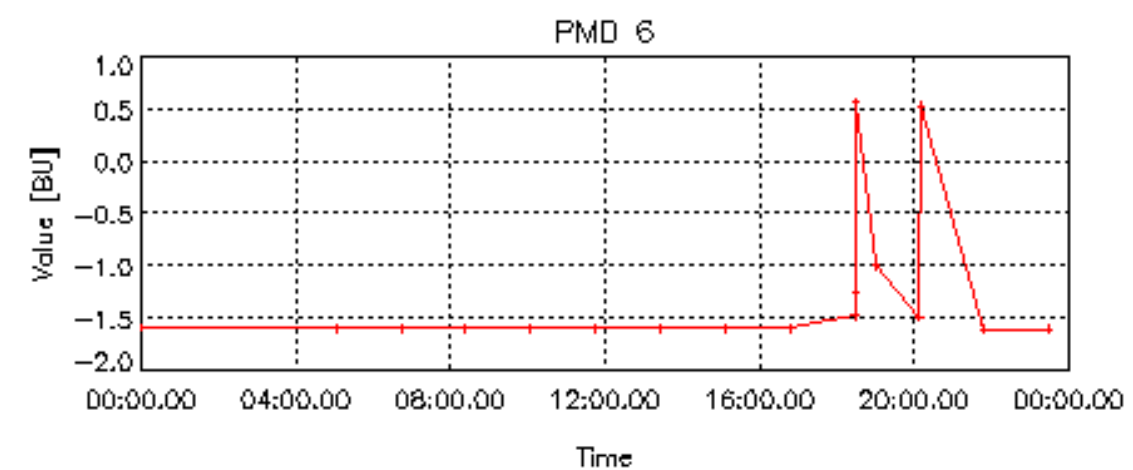
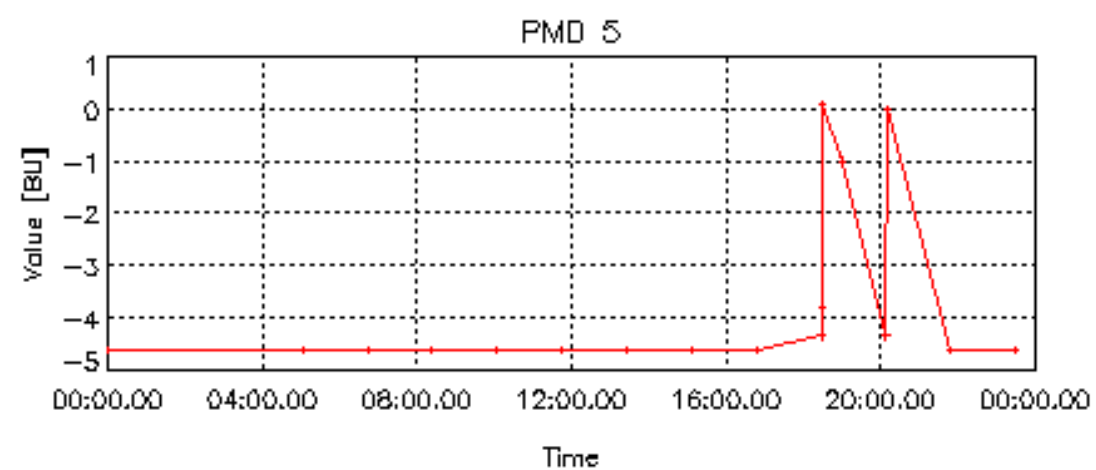
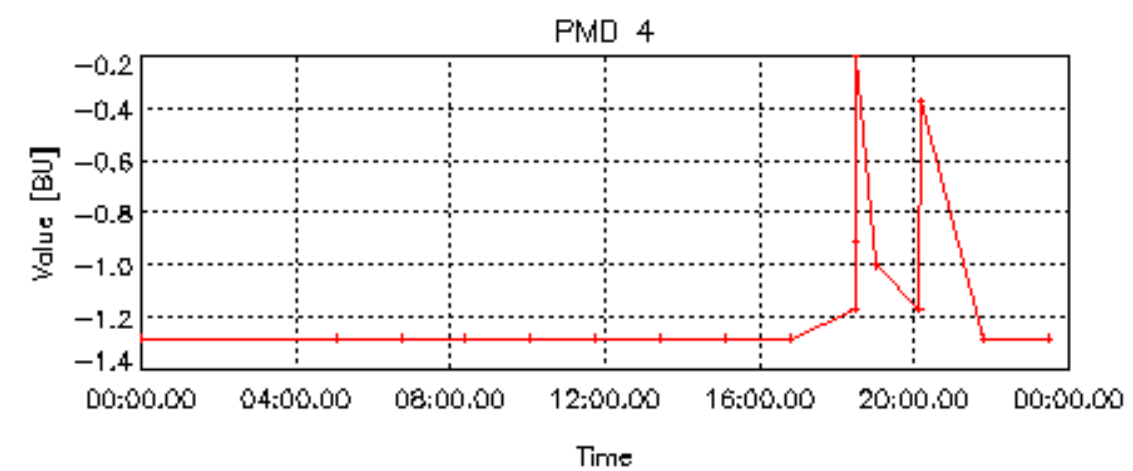
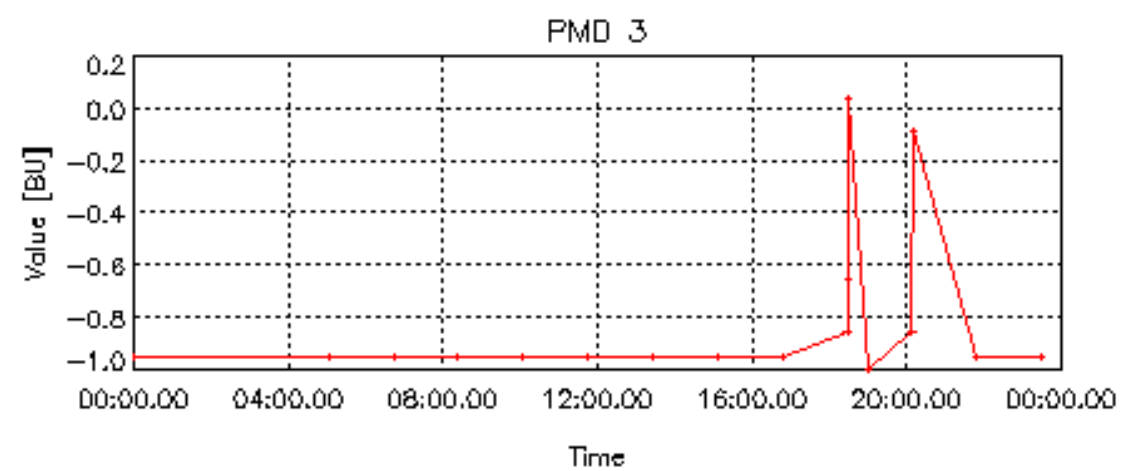
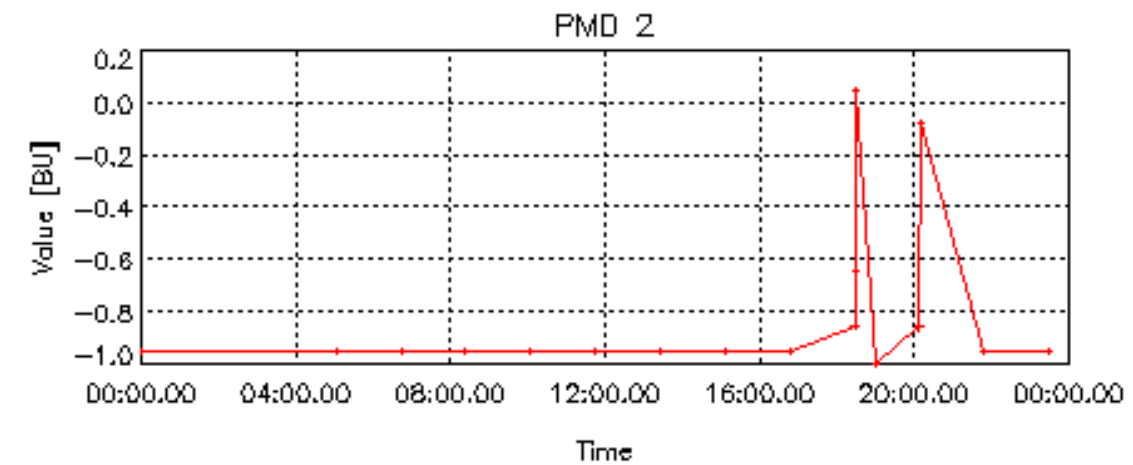
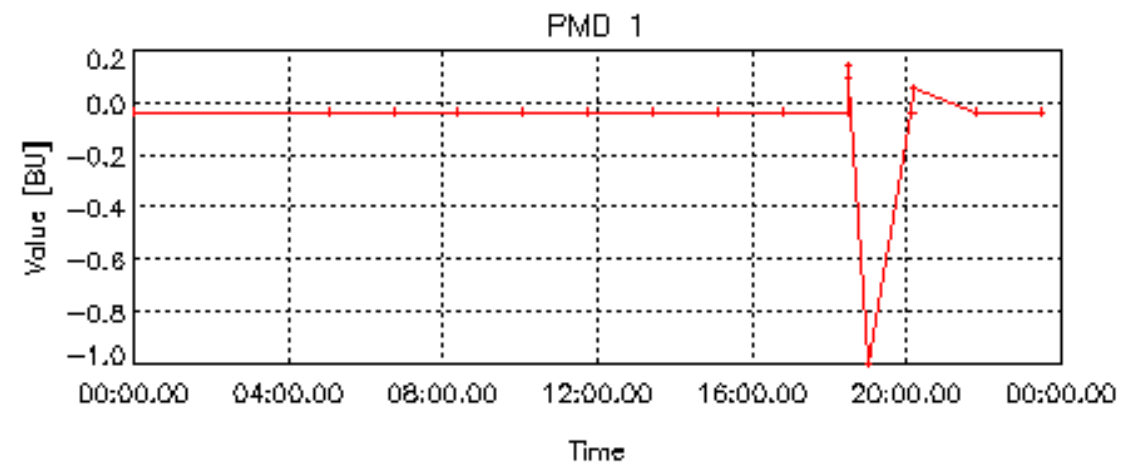




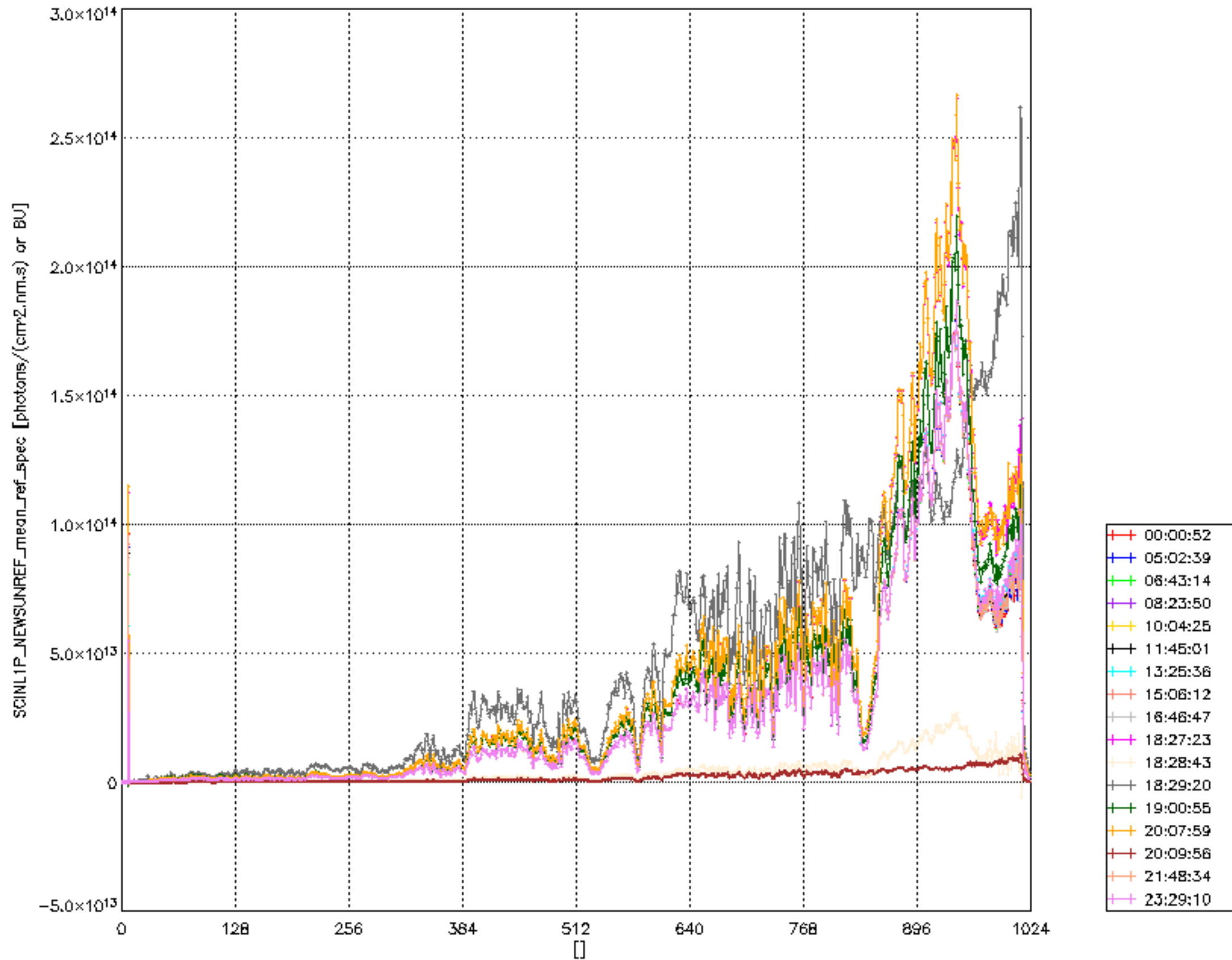




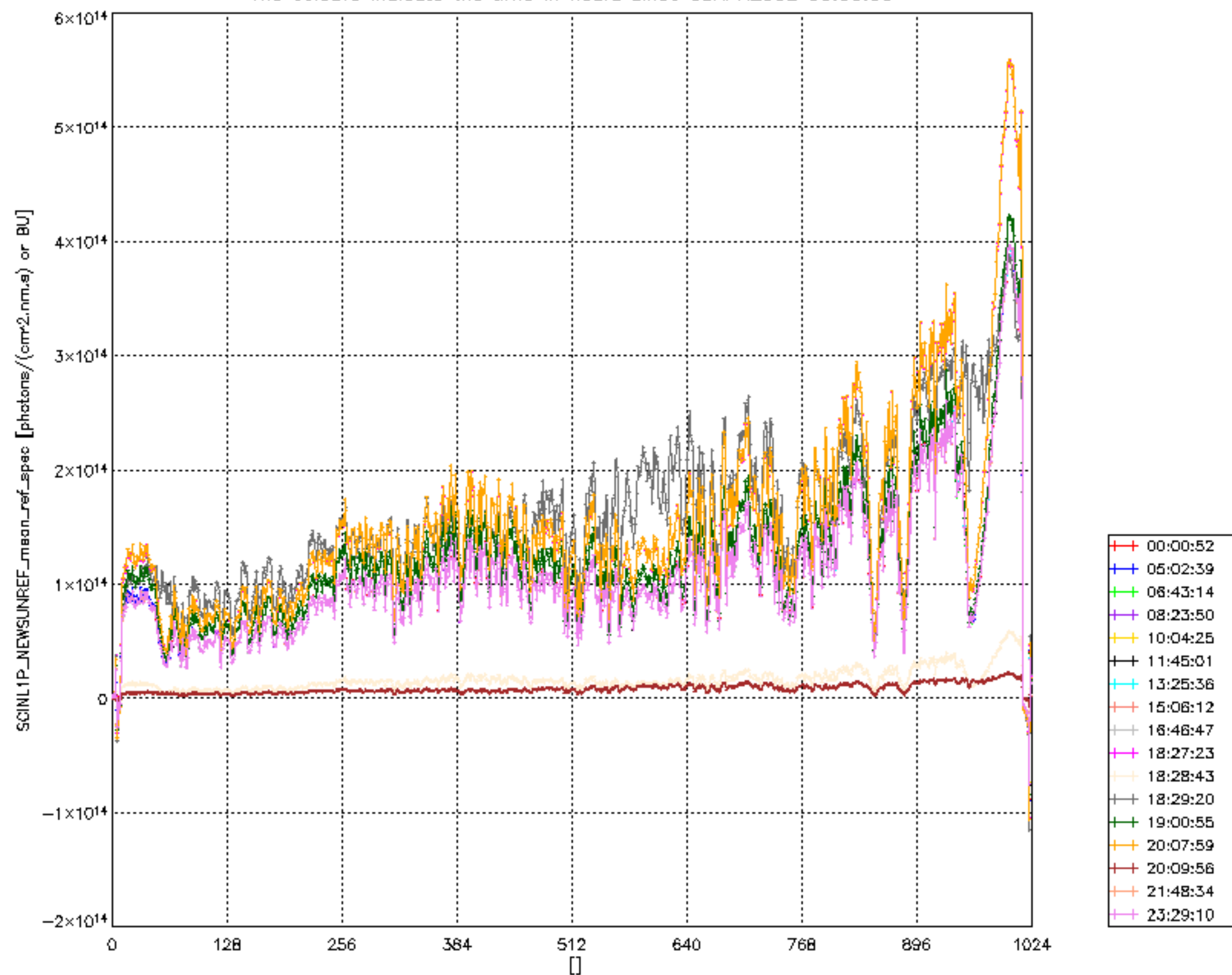


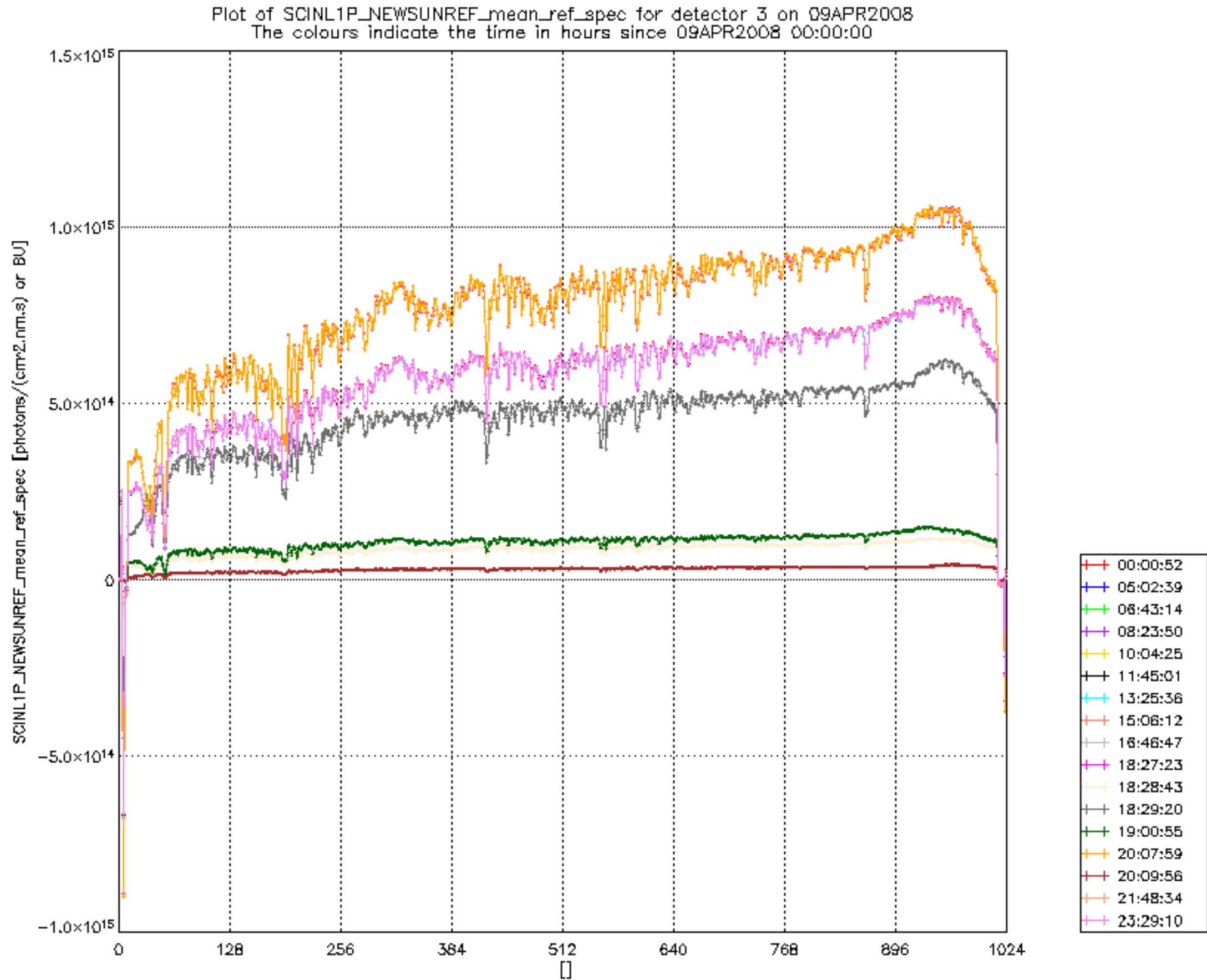


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 1 on 09APR2008
The colours indicate the time in hours since 09APR2008 00:00:00

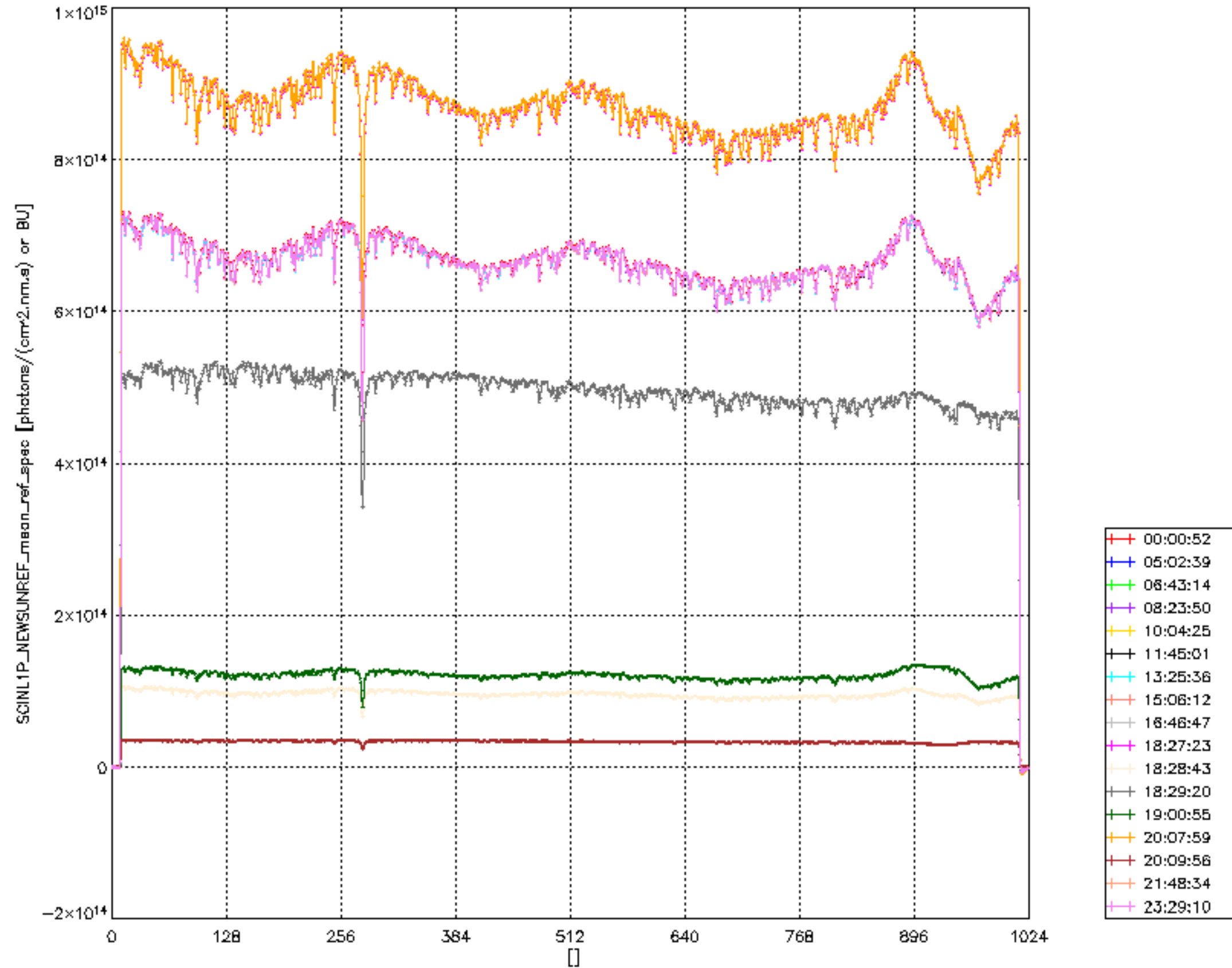


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 2 on 09APR2008
The colours indicate the time in hours since 09APR2008 00:00:00

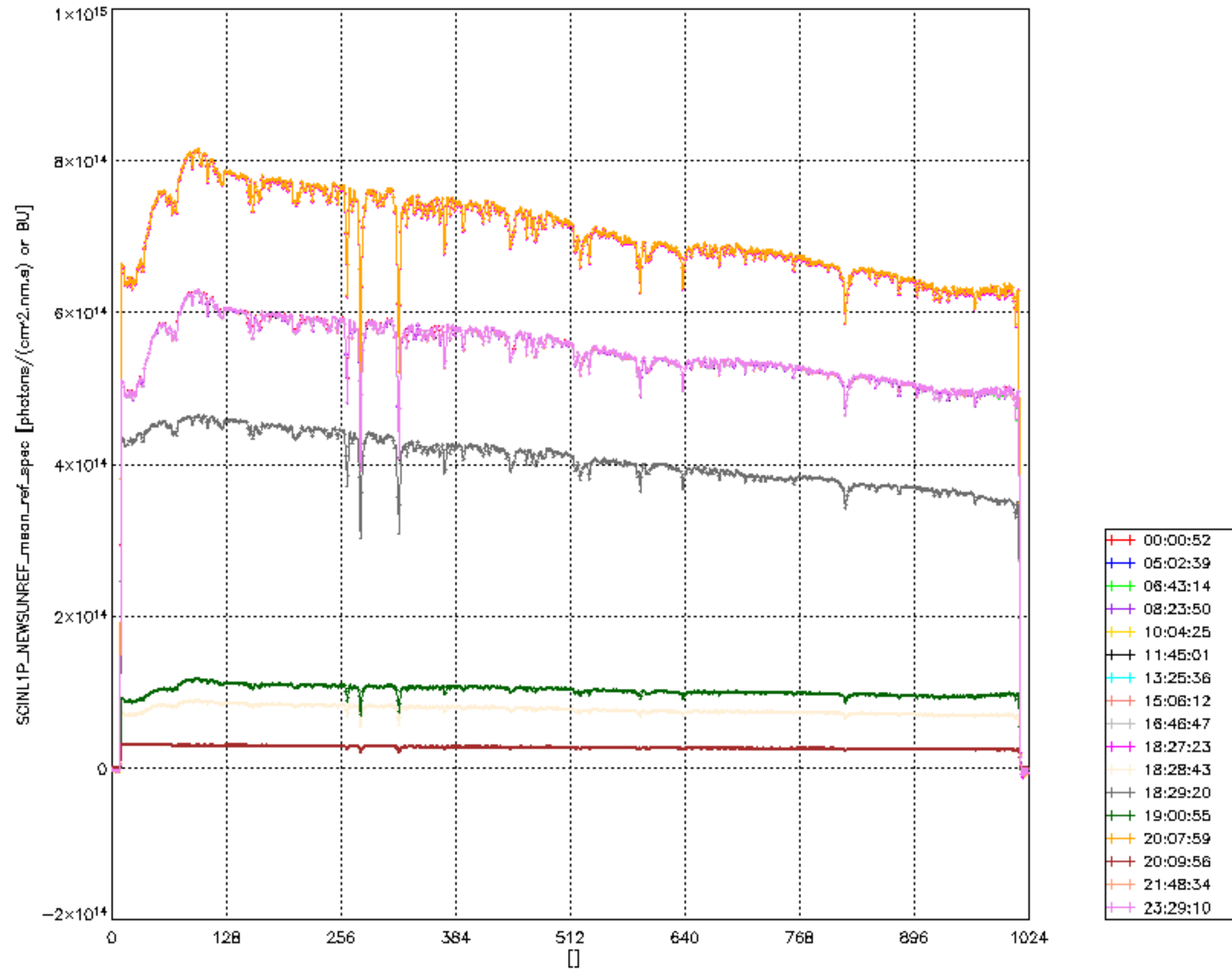


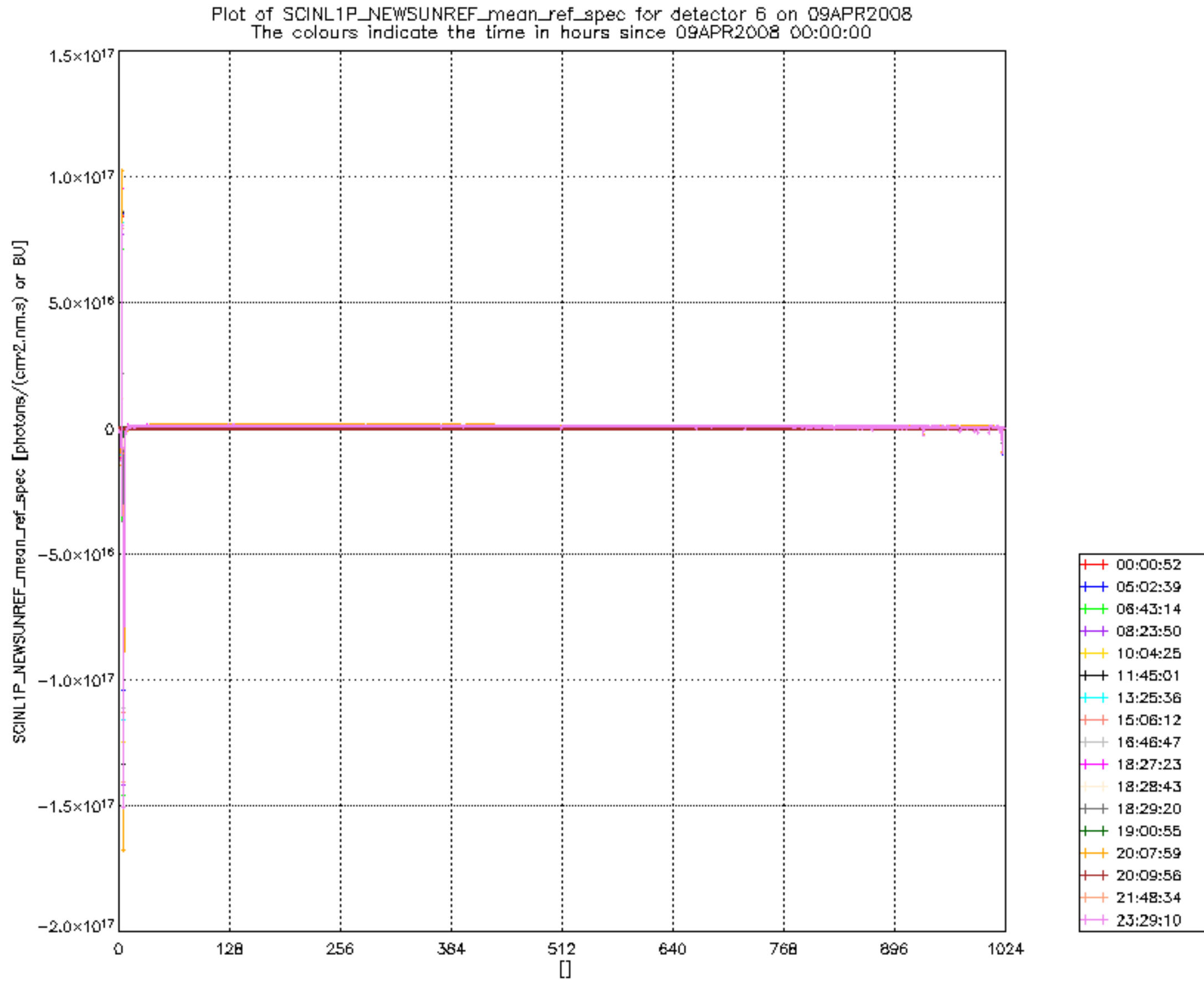


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 4 on 09APR2008
The colours indicate the time in hours since 09APR2008 00:00:00

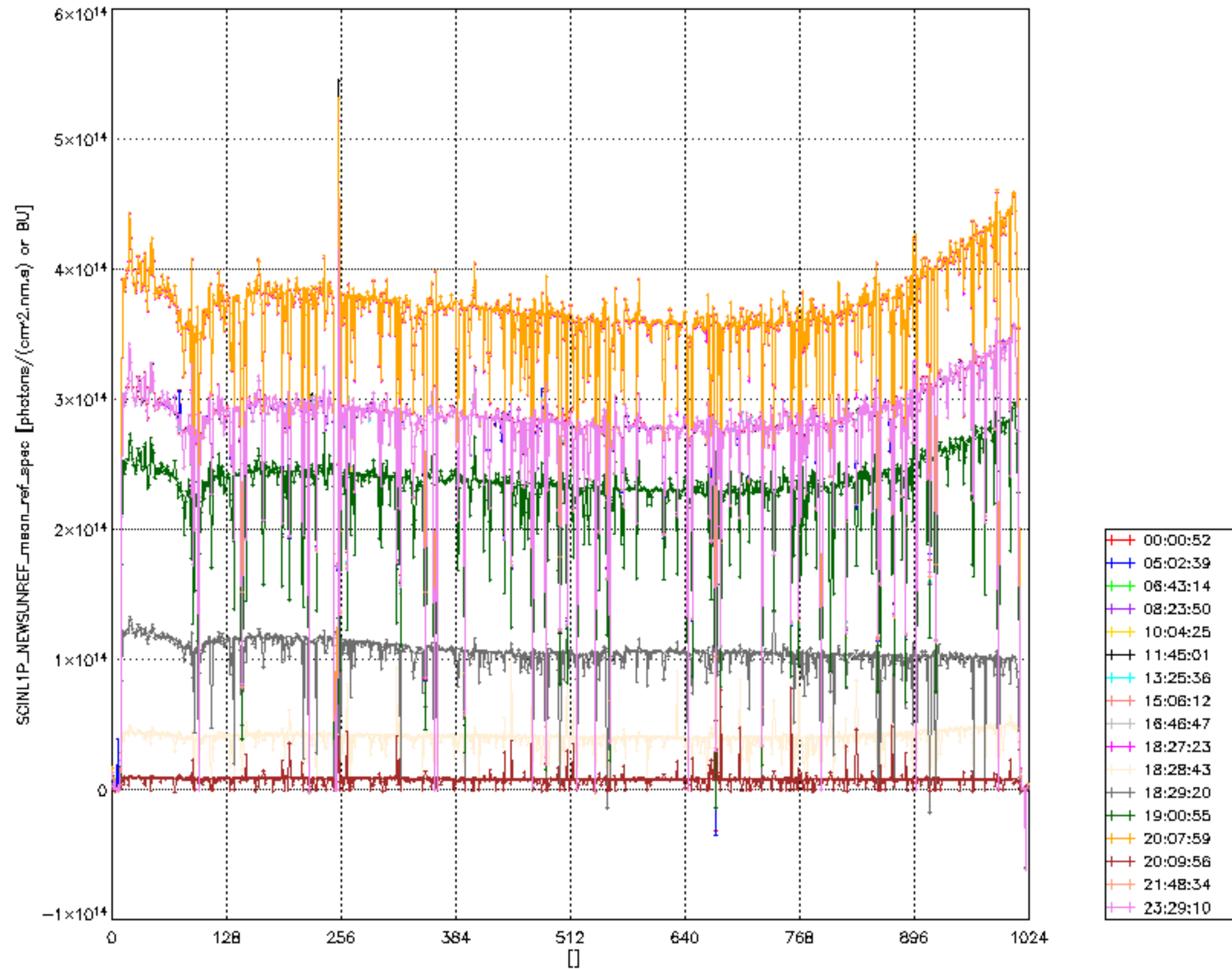


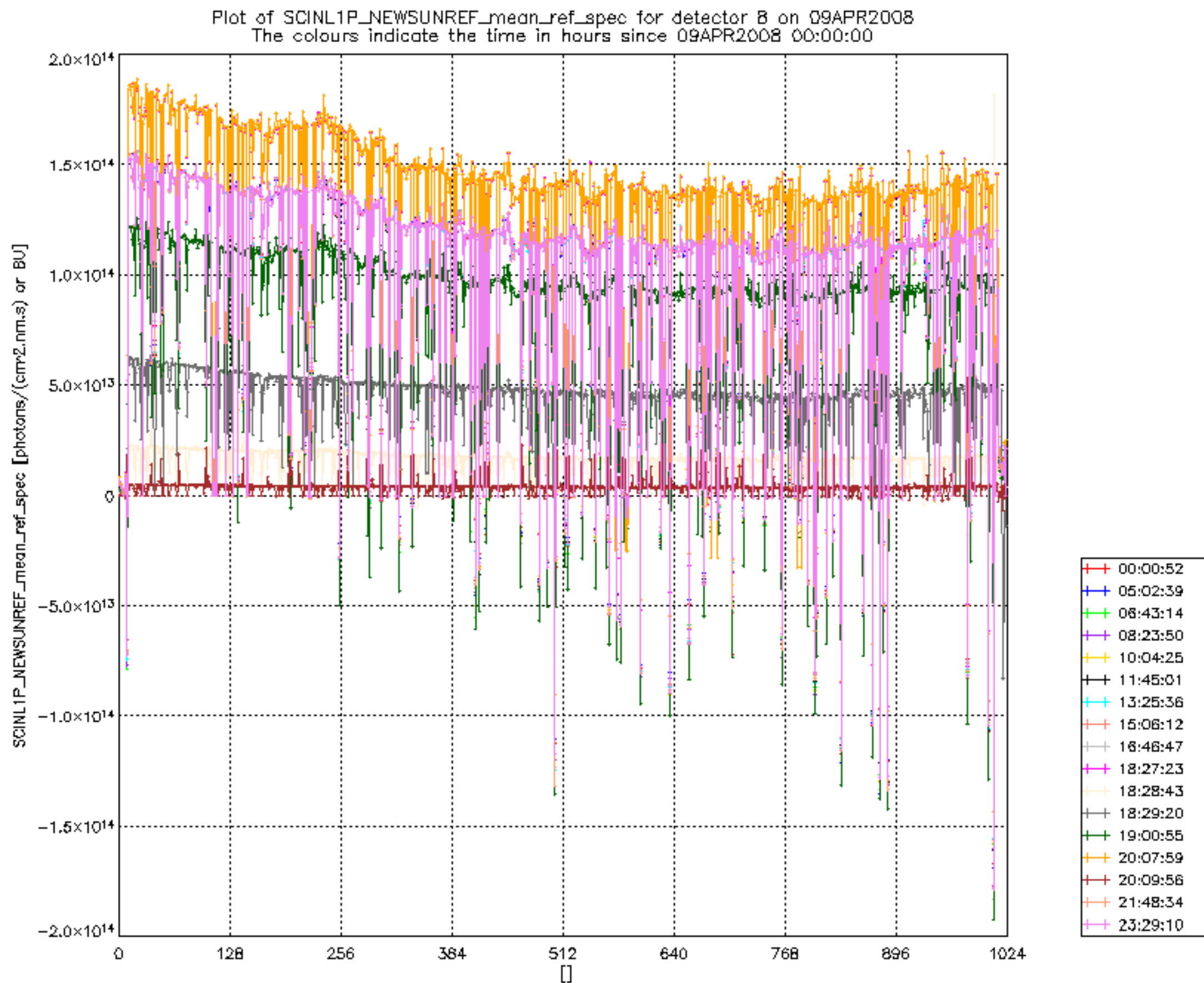
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 5 on 09APR2008
The colours indicate the time in hours since 09APR2008 00:00:00



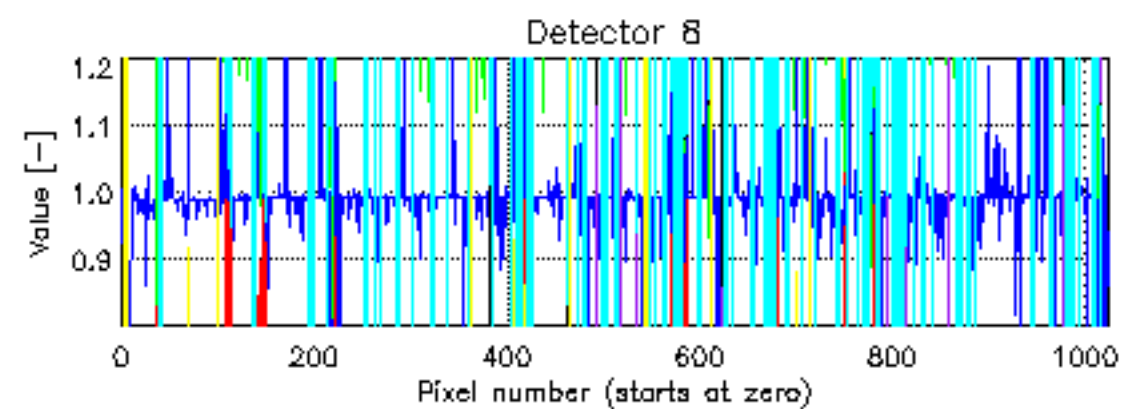
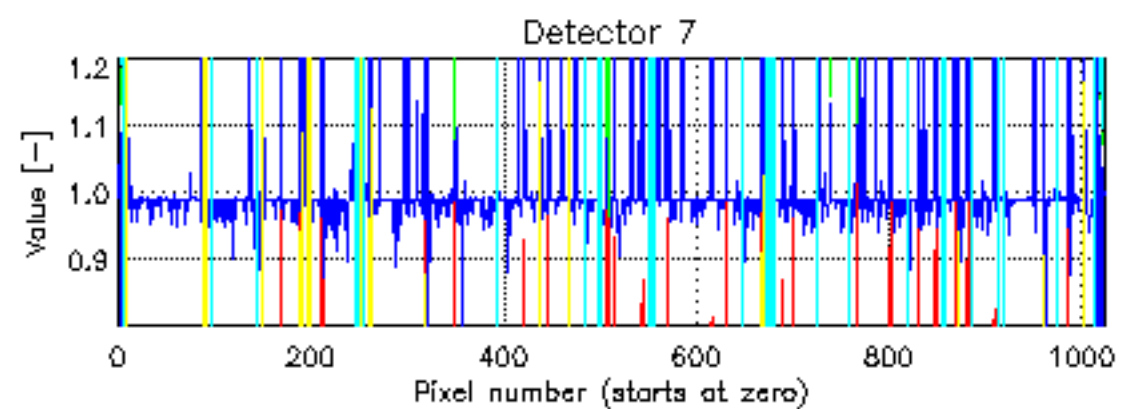
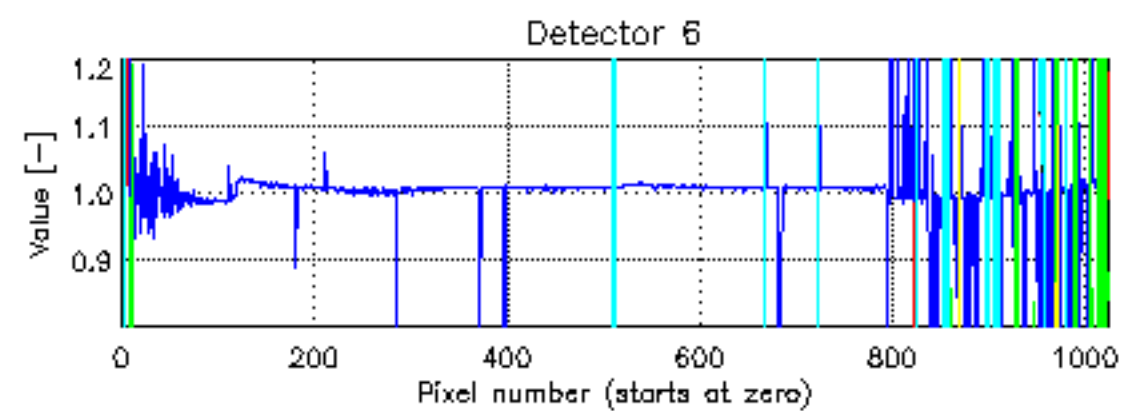
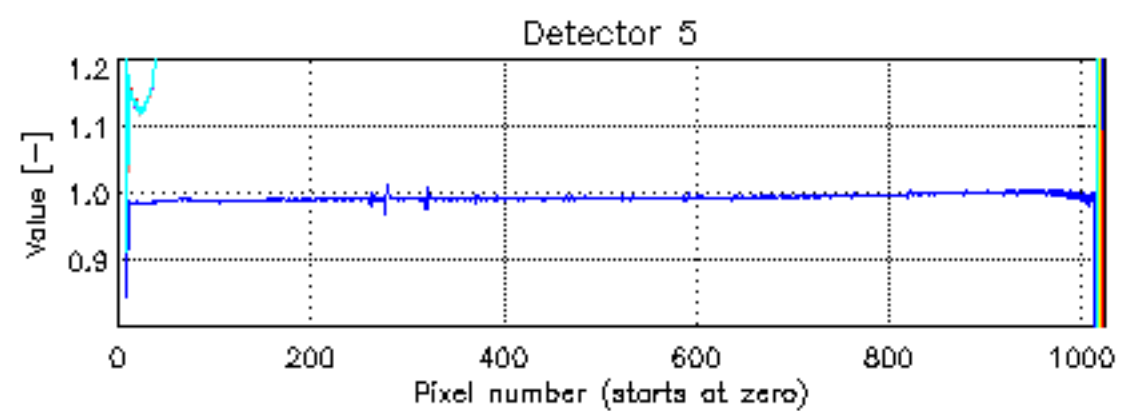
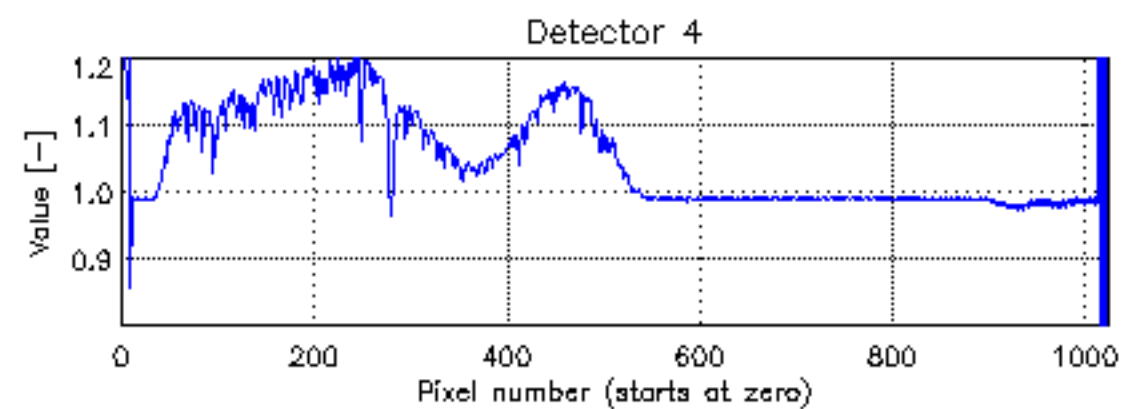
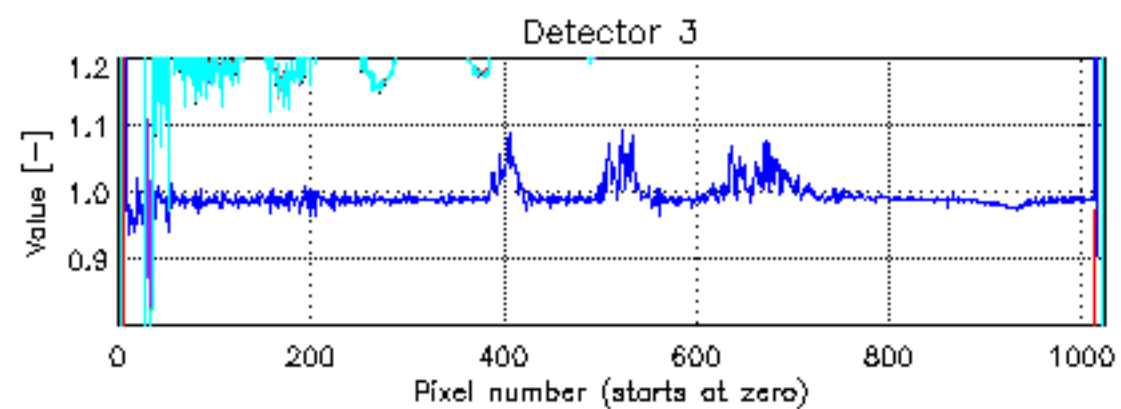
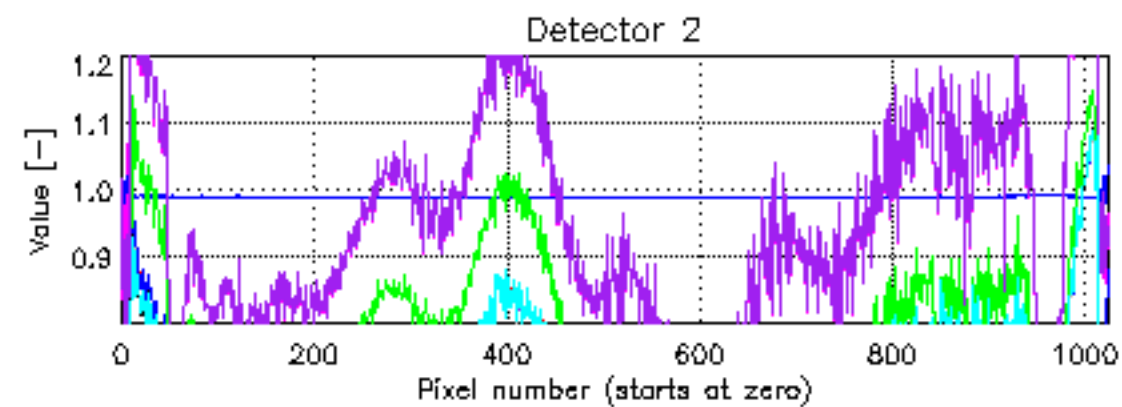
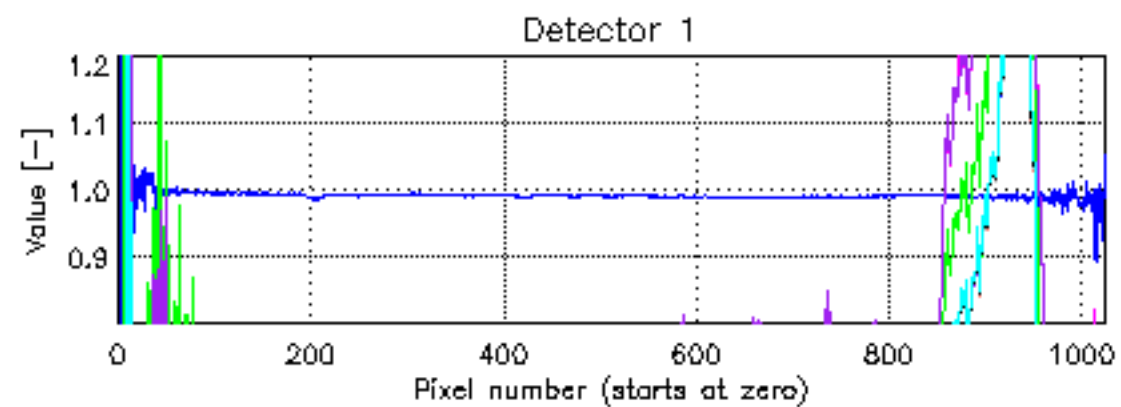


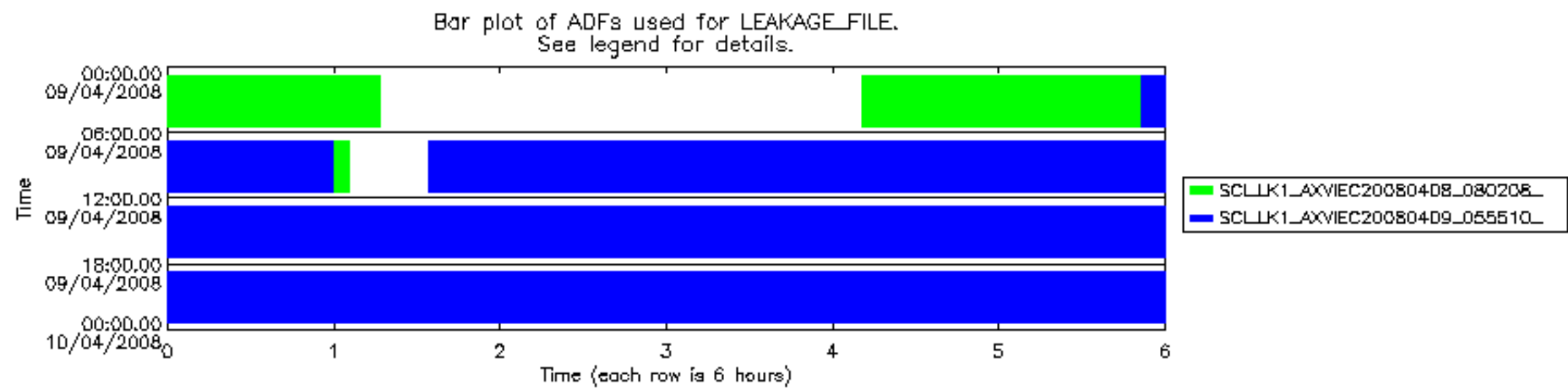
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 7 on 09APR2008
The colours indicate the time in hours since 09APR2008 00:00:00

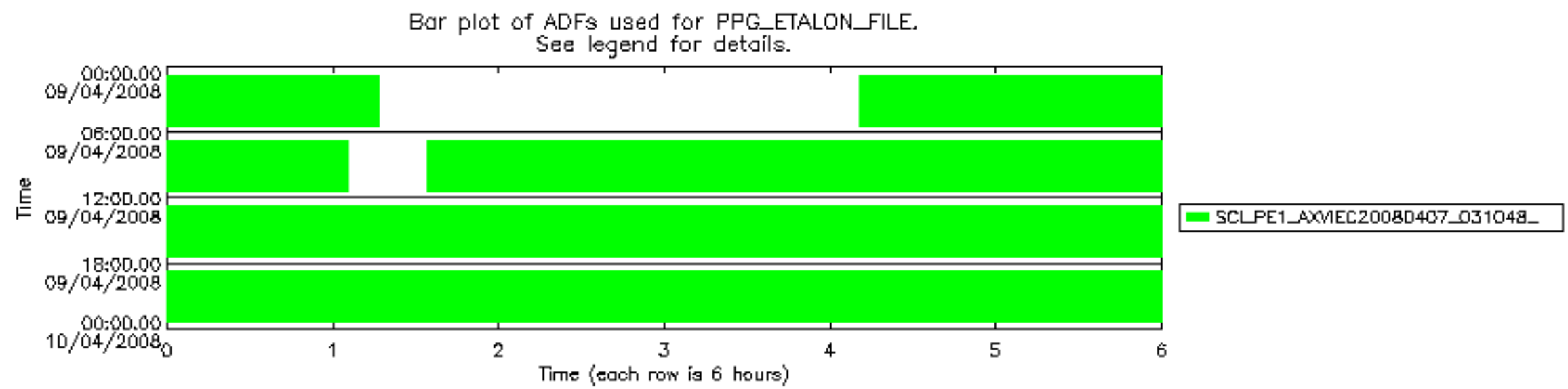


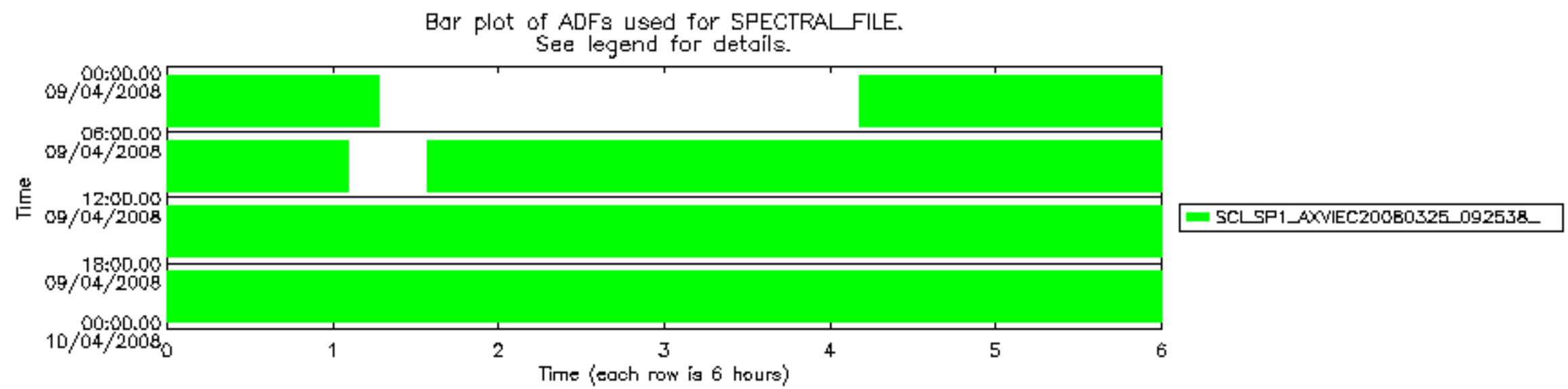


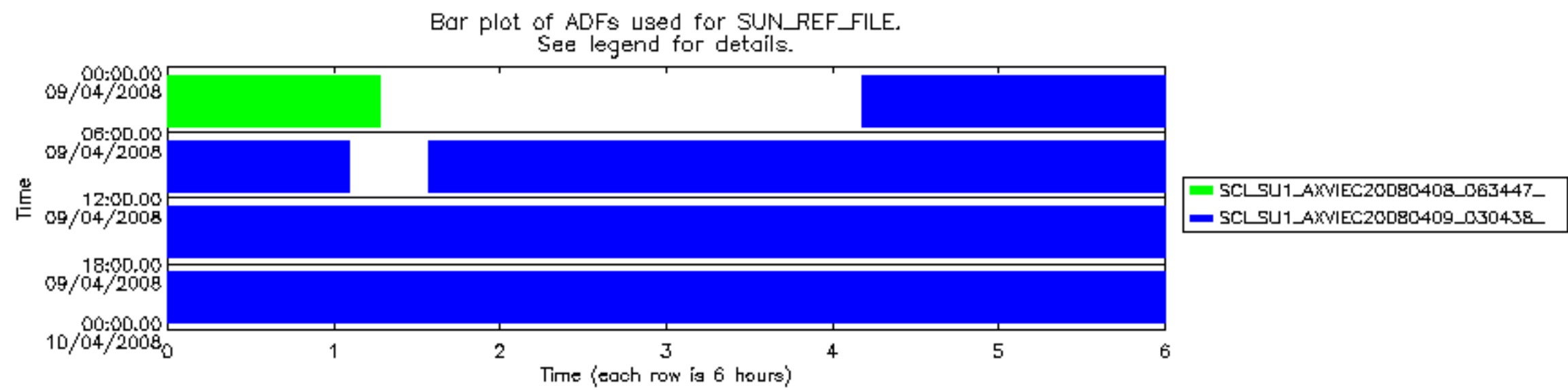
Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCLSU1_AXMEC20080408_063447_20080404_174916_20080419_192951

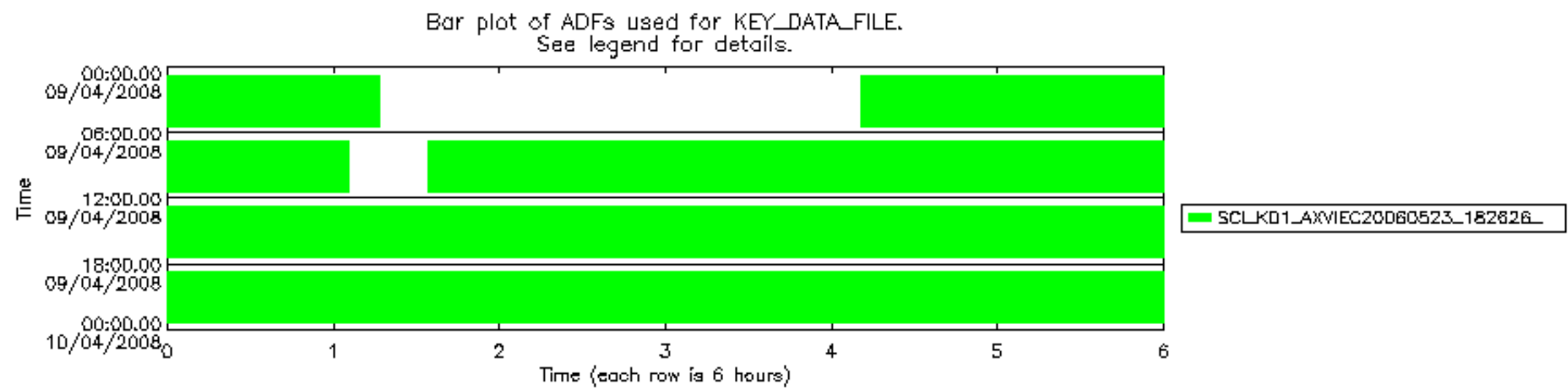


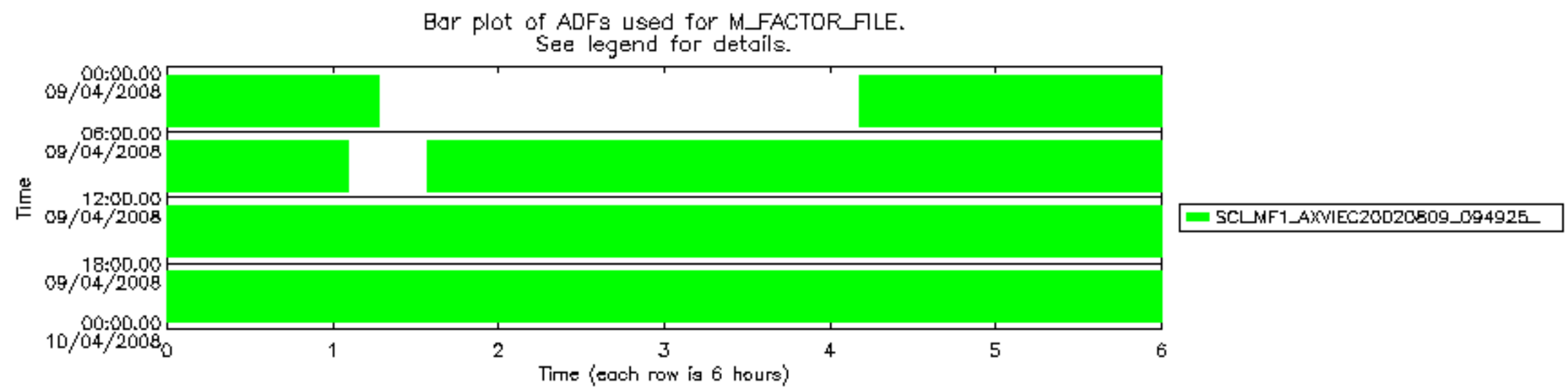


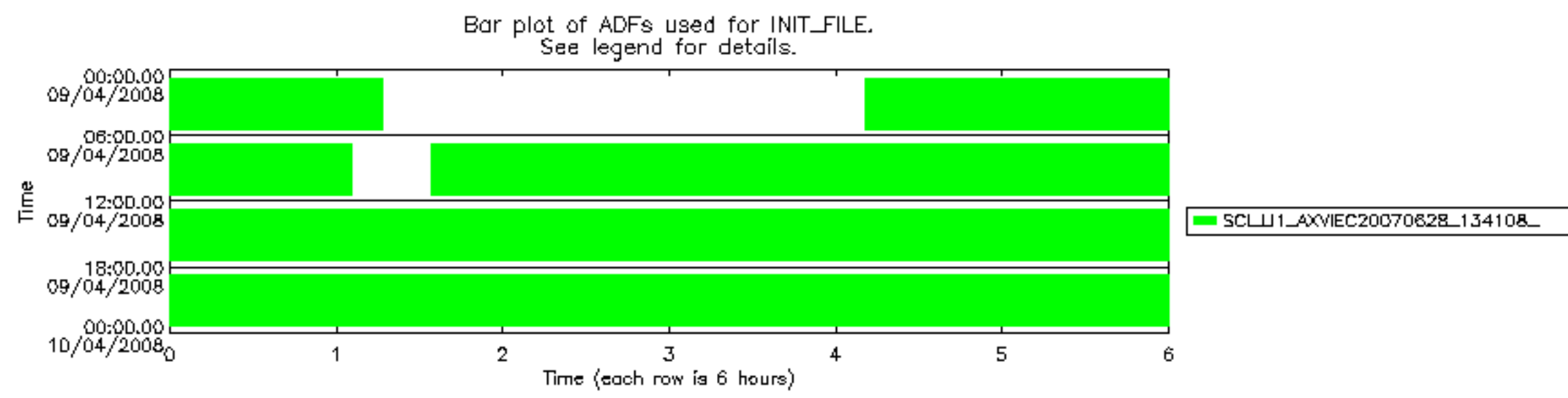


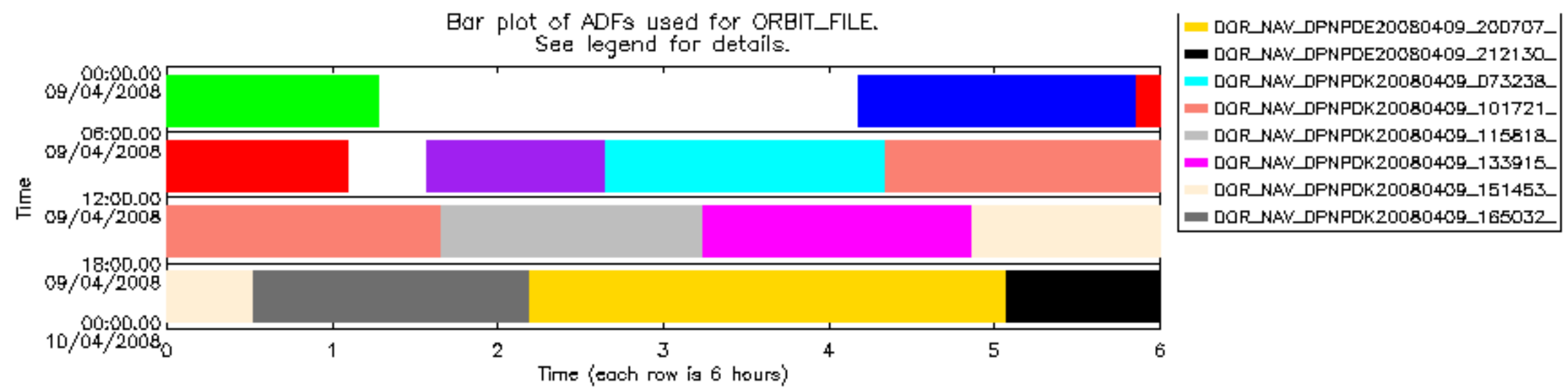


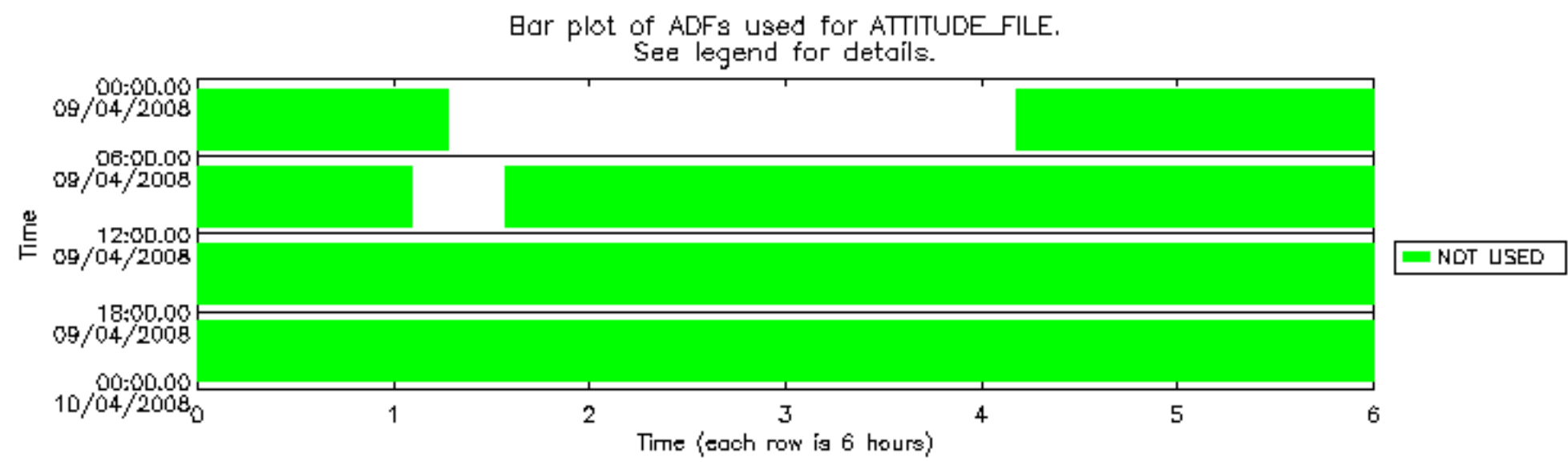












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 09APR2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

