

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	05APR2008 02:34:10
Data source version	SCIA/6.03-N
Processing scope for products	02APR2008 00:00:00 to 03APR2008 00:00:00
Start time of first product within scope	01APR2008 22:46:11
Stop time of last product within scope	03APR2008 01:46:10
Total number of level 1 products	16
Number of level 1 products with errors	0

1.1.2 Summary per product

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

#	Product name	Start time	Stop time	Prod err	#nadir	#limb	#occ	#mon	#nopro	#comp_dark	#incomp_dark
0	SCI_NL__1PNPDE20080401_224611_000066352067_00216_31833_8159.N1	01APR2008 22:46:11	02APR2008 00:36:46	0	36	48	1	0	4	15	0
1	SCI_NL__1PNPDE20080402_003151_000063742067_00217_31834_8288.N1	02APR2008 00:31:51	02APR2008 02:18:06	0	35	46	1	0	4	15	0
2	SCI_NL__1PNPDE20080402_021444_000063362067_00218_31835_8436.N1	02APR2008 02:14:44	02APR2008 04:00:20	0	35	46	1	0	4	15	0
3	SCI_NL__1PNPDE20080402_035615_000064092067_00219_31836_8559.N1	02APR2008 03:56:15	02APR2008 05:43:04	0	35	46	1	0	4	15	0
4	SCI_NL__1PNPDK20080402_053759_000062862067_00220_31837_8713.N1	02APR2008 05:37:59	02APR2008 07:22:46	0	36	47	1	0	3	15	0
5	SCI_NL__1PNPDK20080402_072135_000060312067_00221_31838_8837.N1	02APR2008 07:21:35	02APR2008 09:02:07	0	34	44	1	0	3	15	0
6	SCI_NL__1PNPDK20080402_090115_000060482067_00222_31839_8962.N1	02APR2008 09:01:15	02APR2008 10:42:03	0	34	45	1	0	3	15	0
7	SCI_NL__1PNPDK20080402_104042_000059752067_00223_31840_9093.N1	02APR2008 10:40:42	02APR2008 12:20:18	0	34	44	1	0	2	15	0
8	SCI_NL__1PNPDK20080402_121913_000059942067_00224_31841_9199.N1	02APR2008 12:19:13	02APR2008 13:59:07	0	33	45	1	0	3	15	0
9	SCI_NL__1PNPDK20080402_135744_000059472067_00225_31842_9398.N1	02APR2008 13:57:44	02APR2008 15:36:51	0	33	44	1	0	3	15	0
10	SCI_NL__1PNPDK20080402_153519_000059842067_00226_31843_9452.N1	02APR2008 15:35:19	02APR2008 17:15:04	0	34	44	2	1	2	15	0
11	SCI_NL__1PNPDK20080402_171303_000060592067_00227_31844_9636.N1	02APR2008 17:13:03	02APR2008 18:54:02	0	34	45	1	2	3	15	0
12	SCI_NL__1PNPDK20080402_185243_000060652067_00228_31845_9695.N1	02APR2008 18:52:43	02APR2008 20:33:48	0	35	45	1	0	2	15	0
13	SCI_NL__1PNPDK20080402_203201_000062202067_00229_31846_9831.N1	02APR2008 20:32:01	02APR2008 22:15:41	0	35	47	1	0	3	15	0
14	SCI_NL__1PNPDE20080402_221428_000066362067_00230_31847_8624.N1	02APR2008 22:14:28	03APR2008 00:05:05	0	36	48	1	0	4	15	0
15	SCI_NL__1PNPDE20080402_235912_000064172067_00231_31848_8816.N1	02APR2008 23:59:12	03APR2008 01:46:10	0	35	46	1	0	4	15	0

1.2 Product Quality Indicators

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

The following data items are currently included into this section:

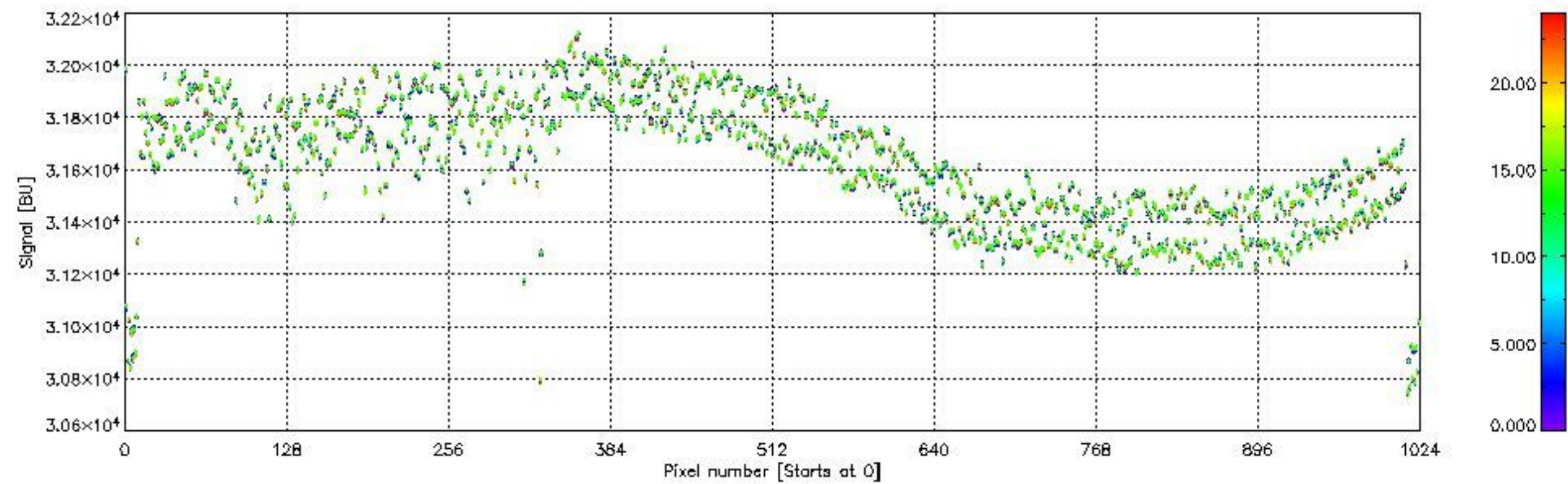
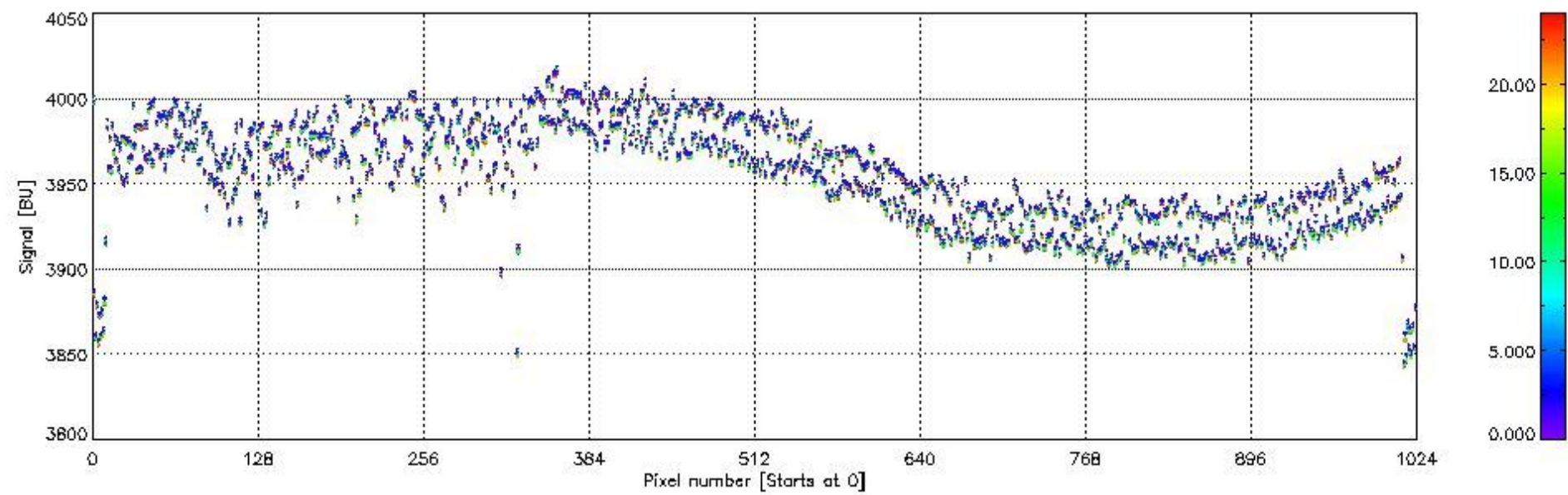
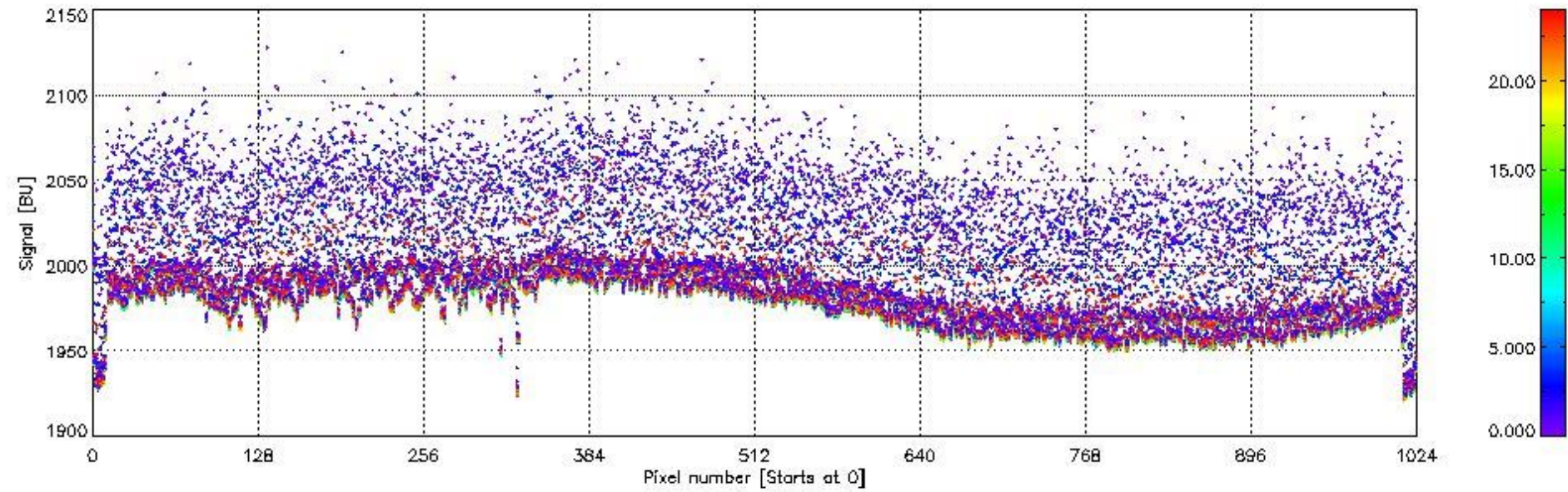
- Dark measurements (if available)
- New leakage current parameters (if available)
- New spectral calibration parameters (if available)

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

1.2.1 Dark measurements overview

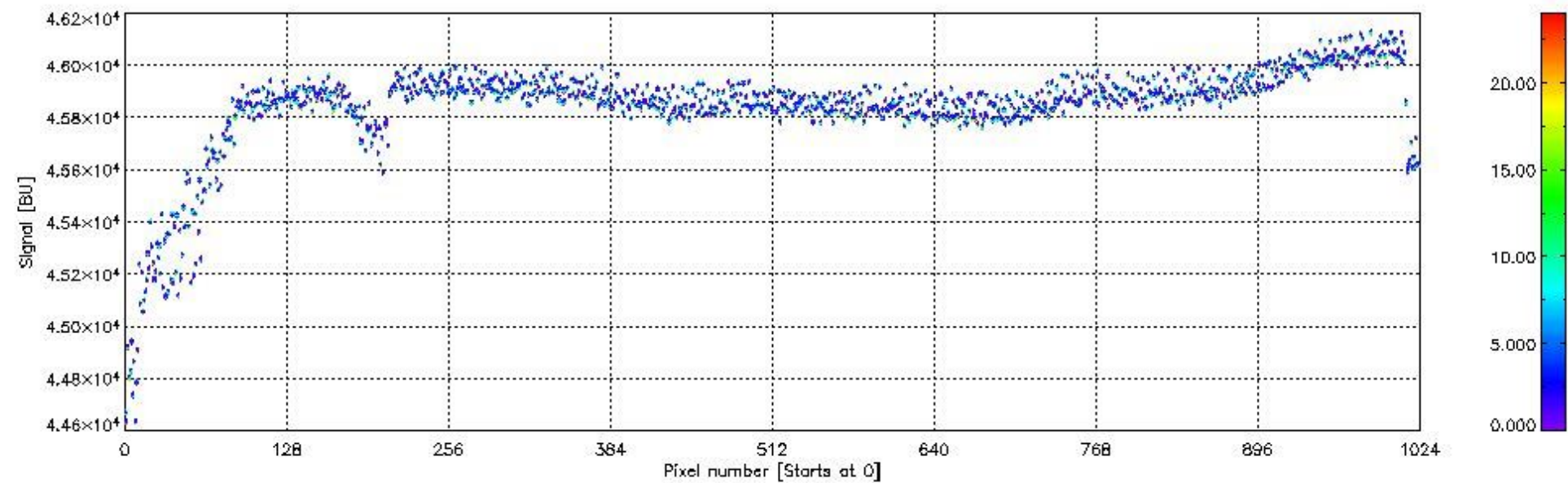
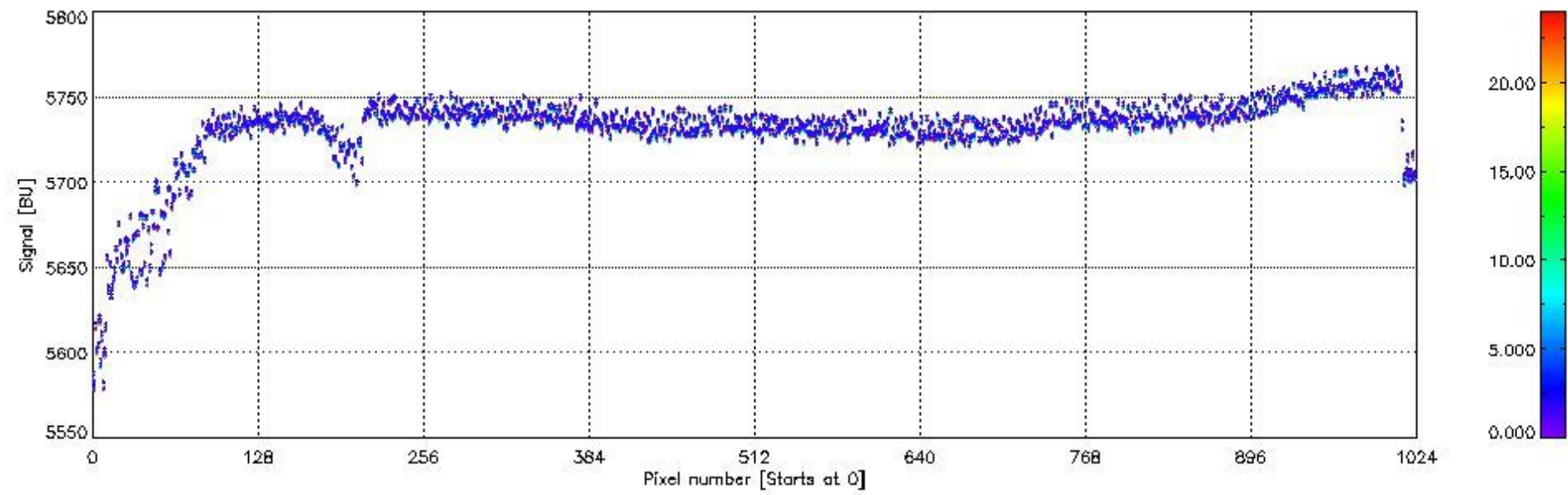
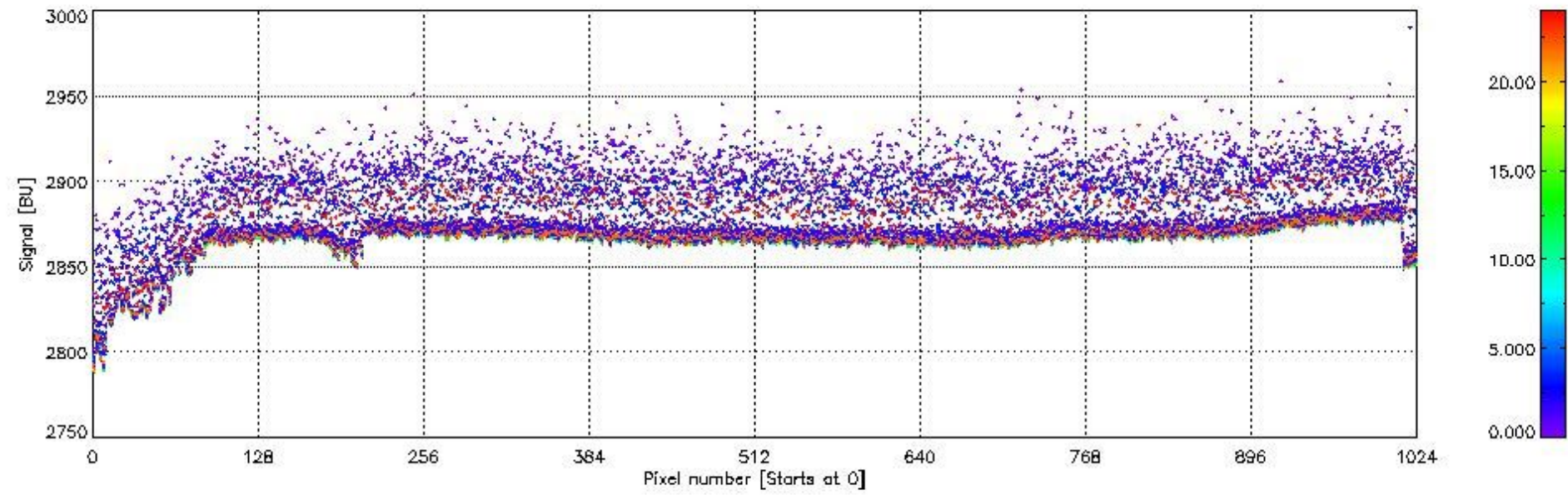
This section lists properties of the dark measurements performed within the processing scope.

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



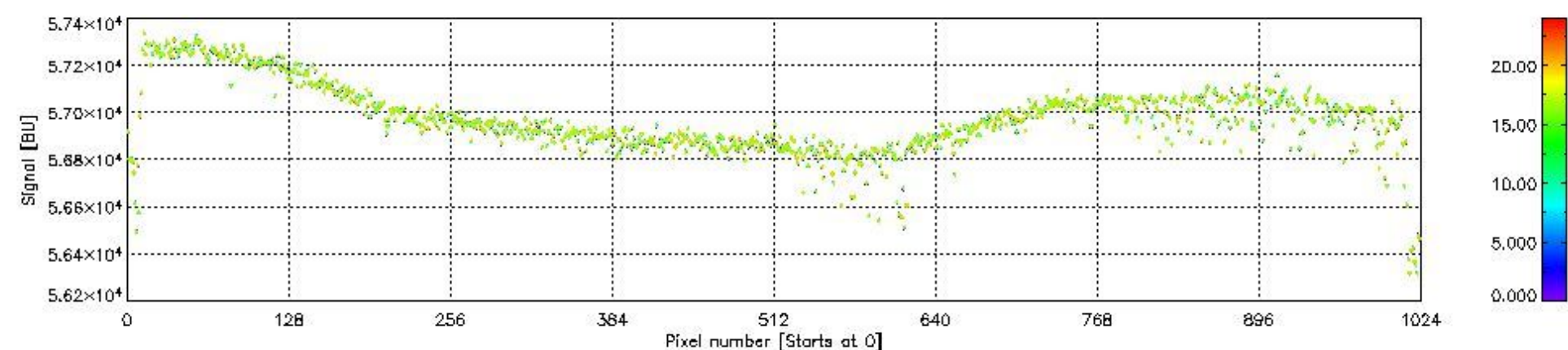
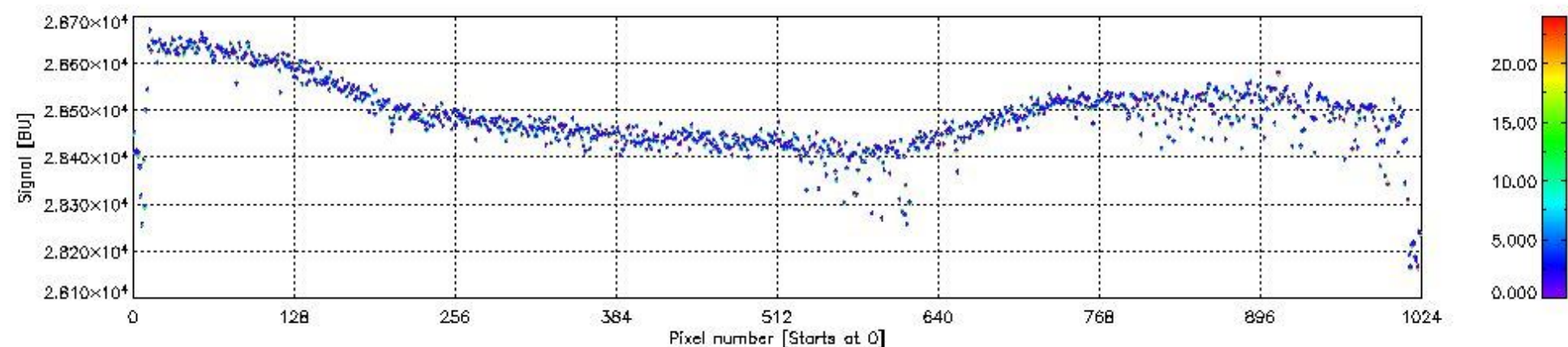
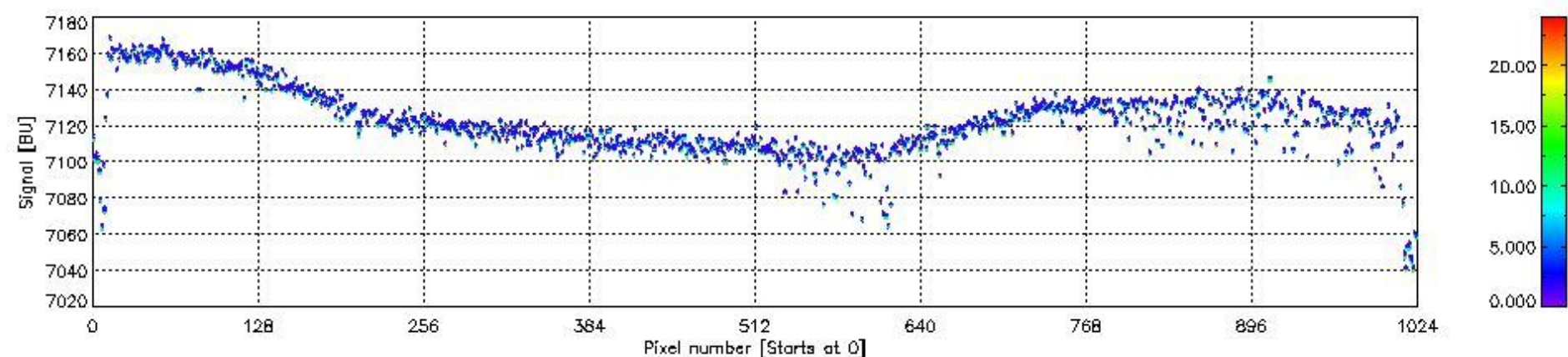
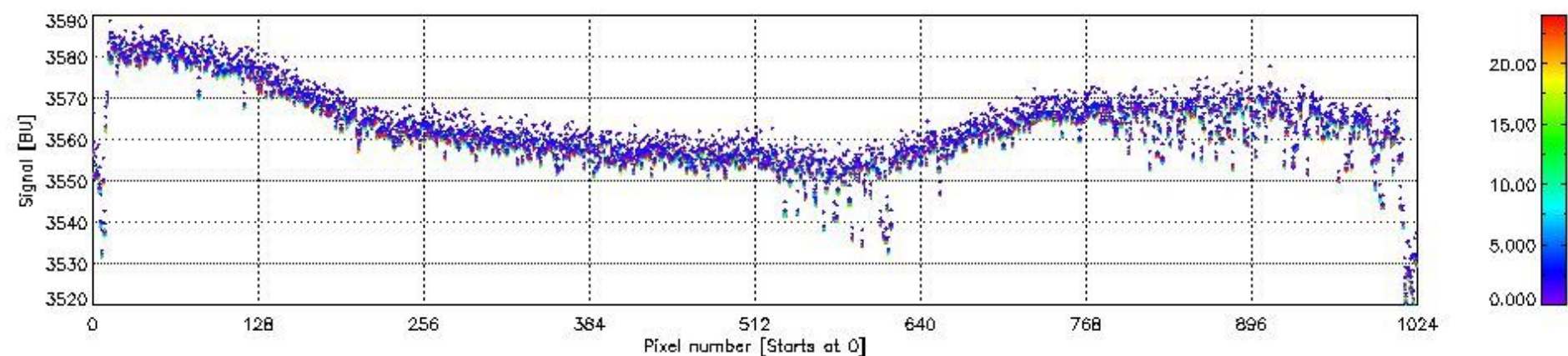
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_0.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



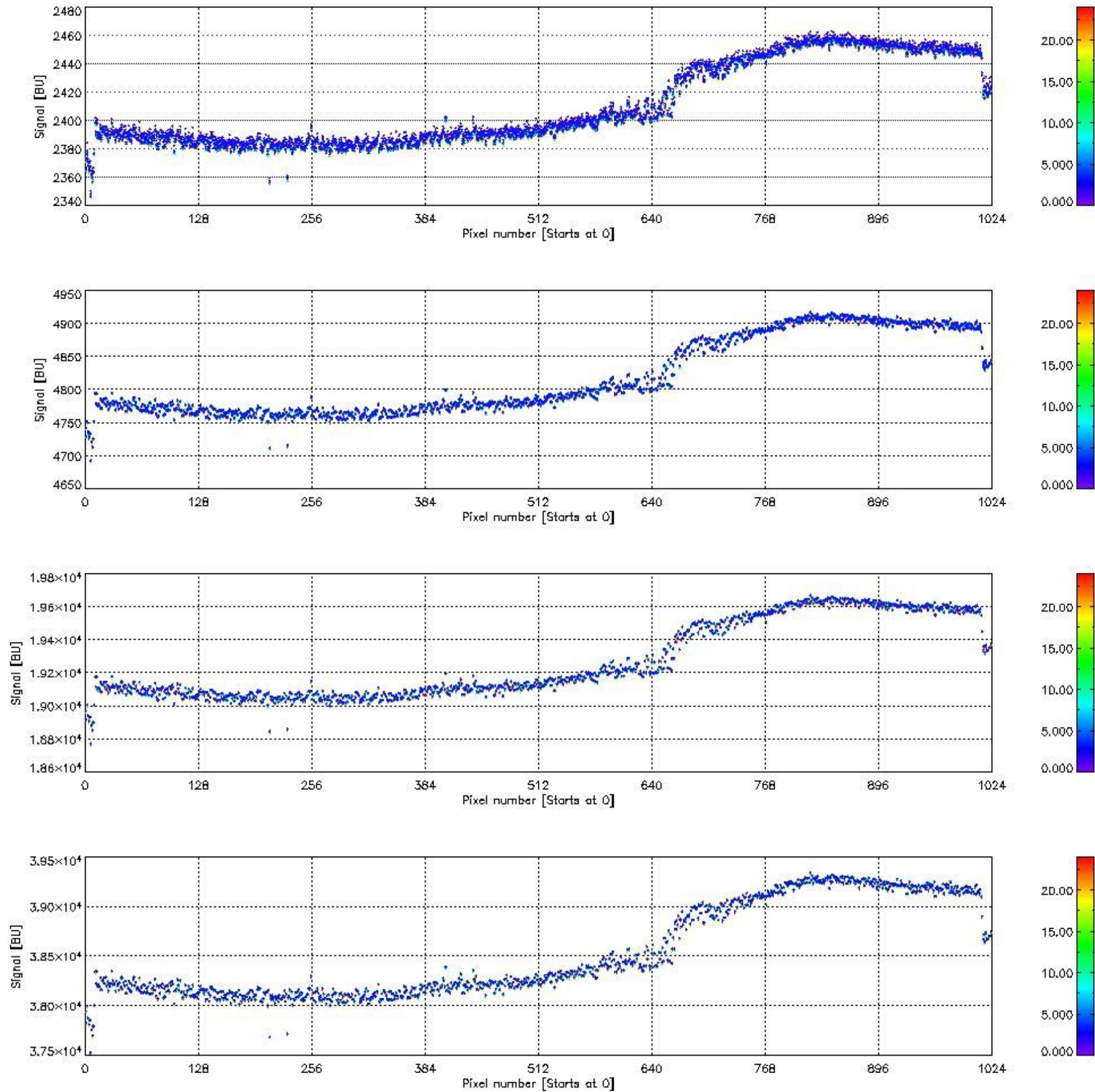
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_1.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



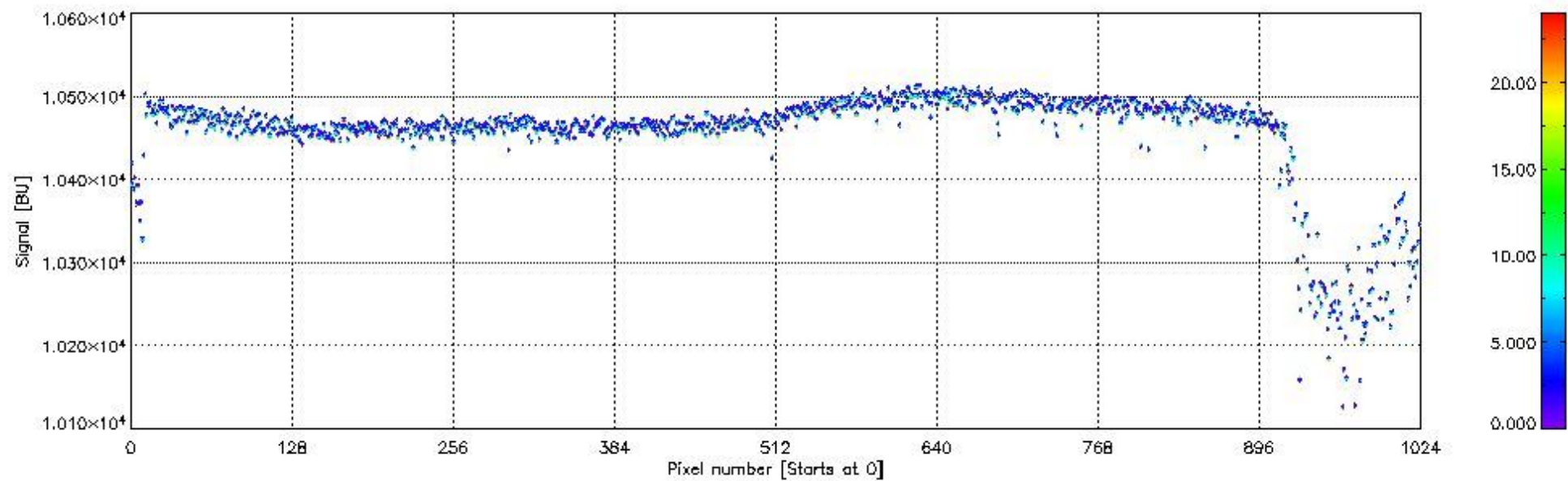
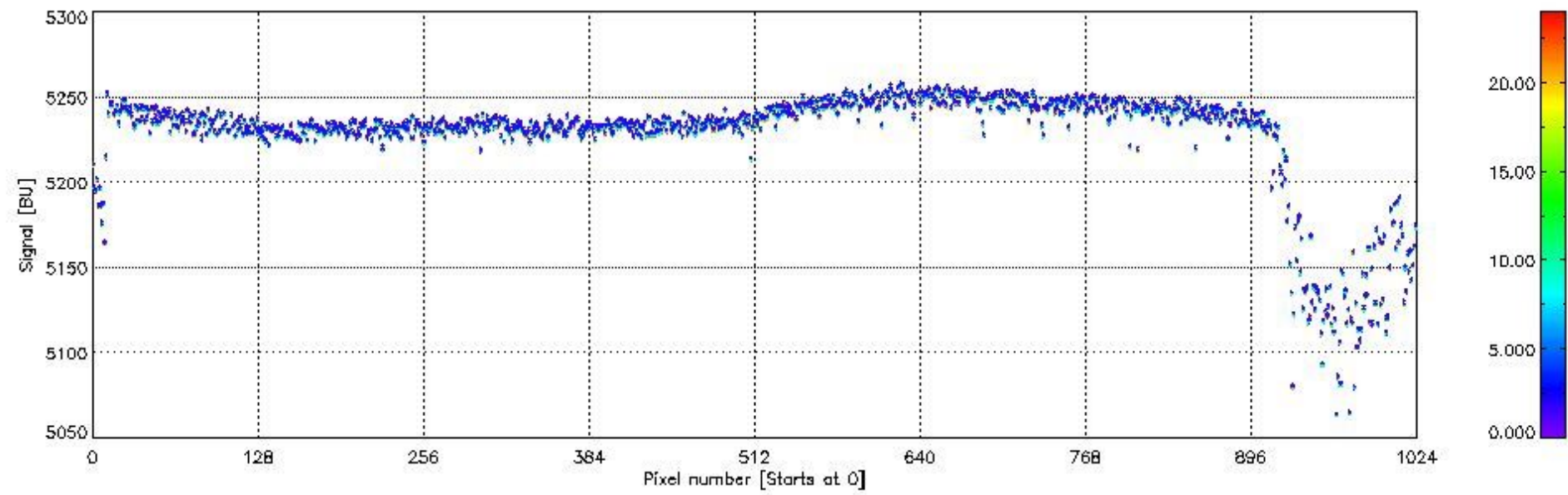
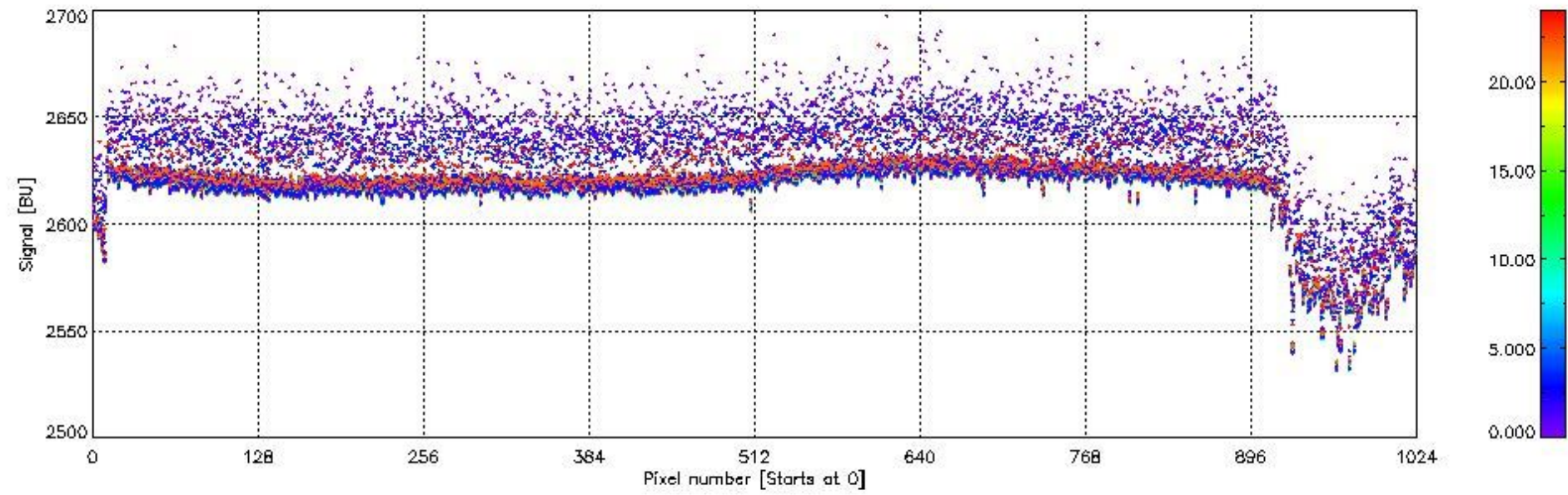
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_2.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



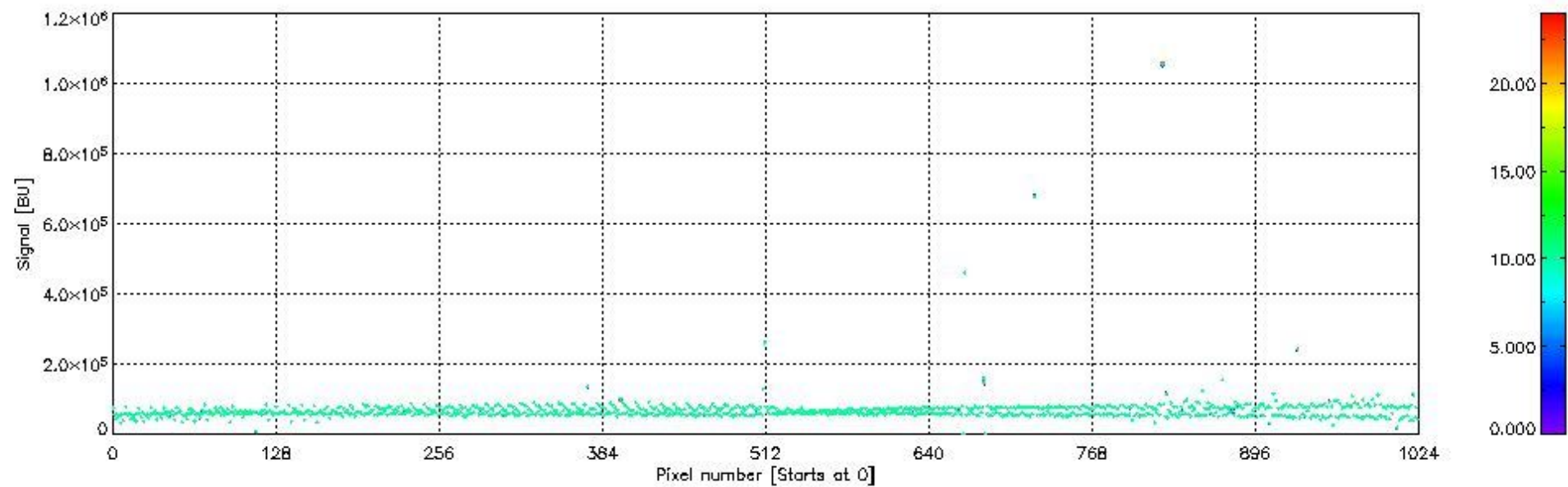
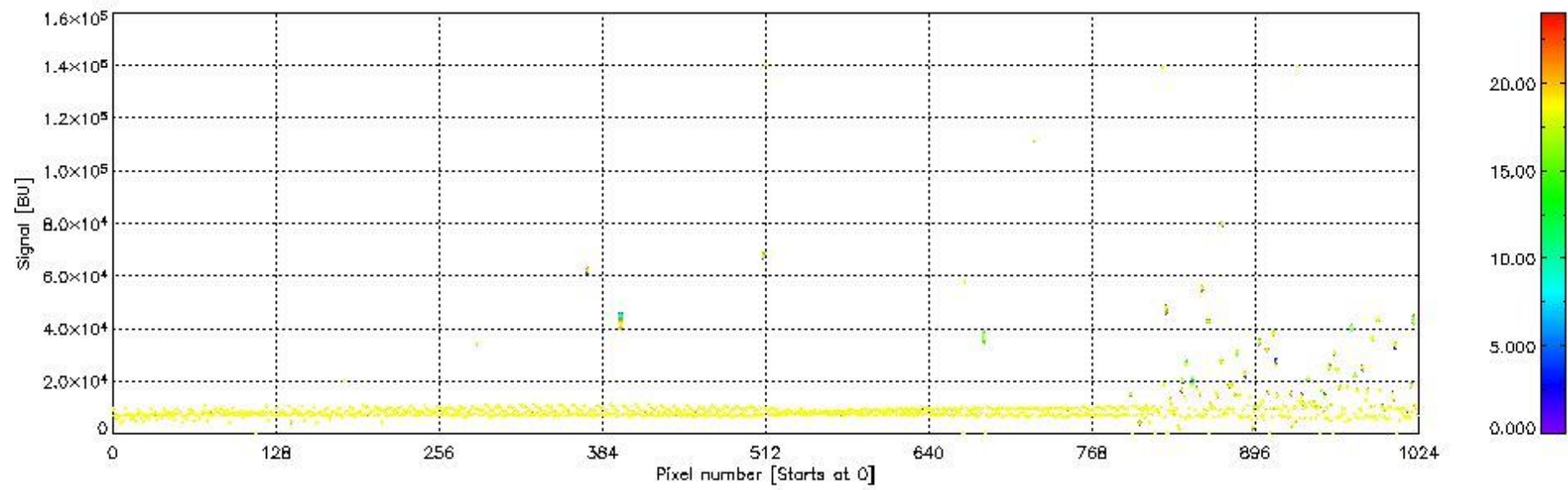
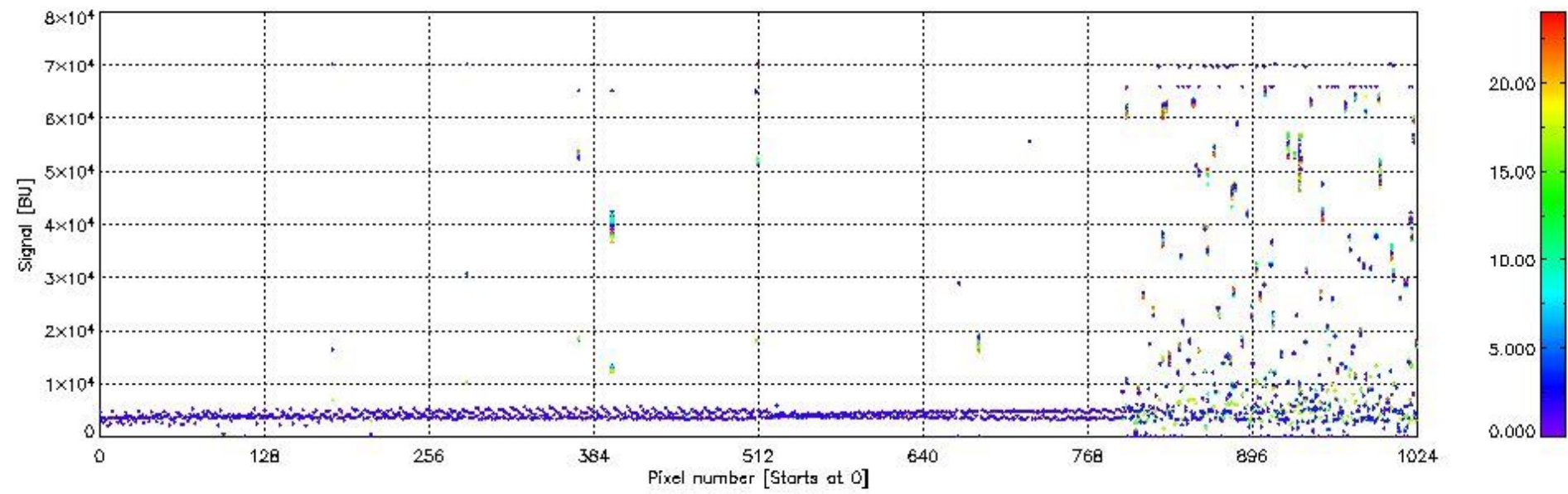
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_3.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



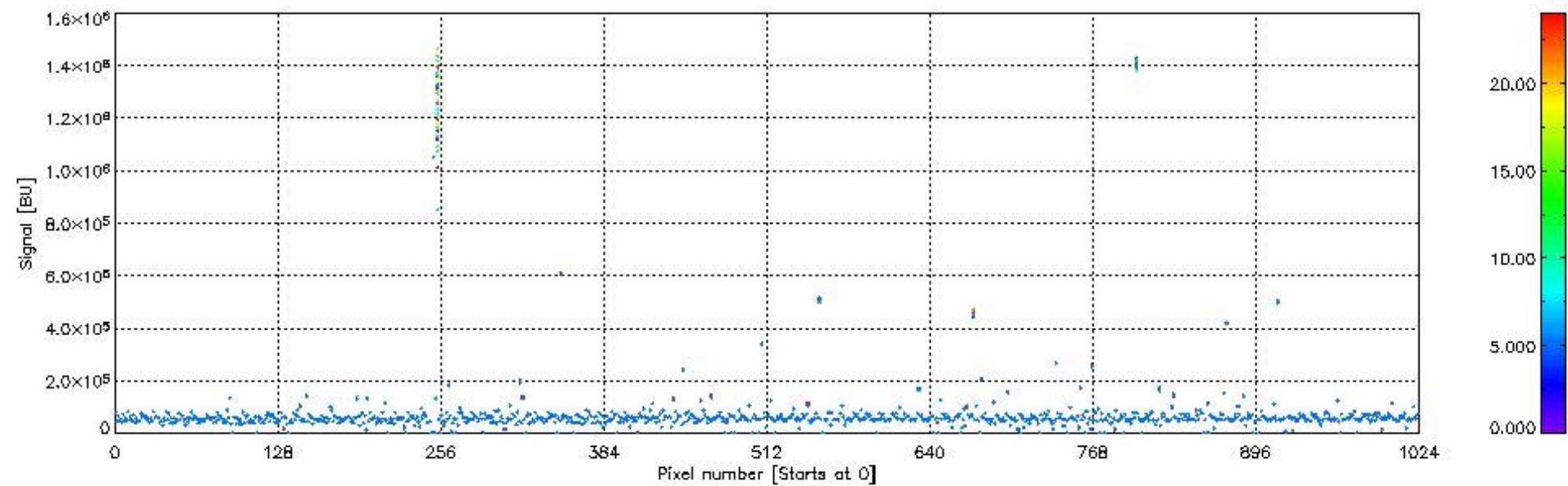
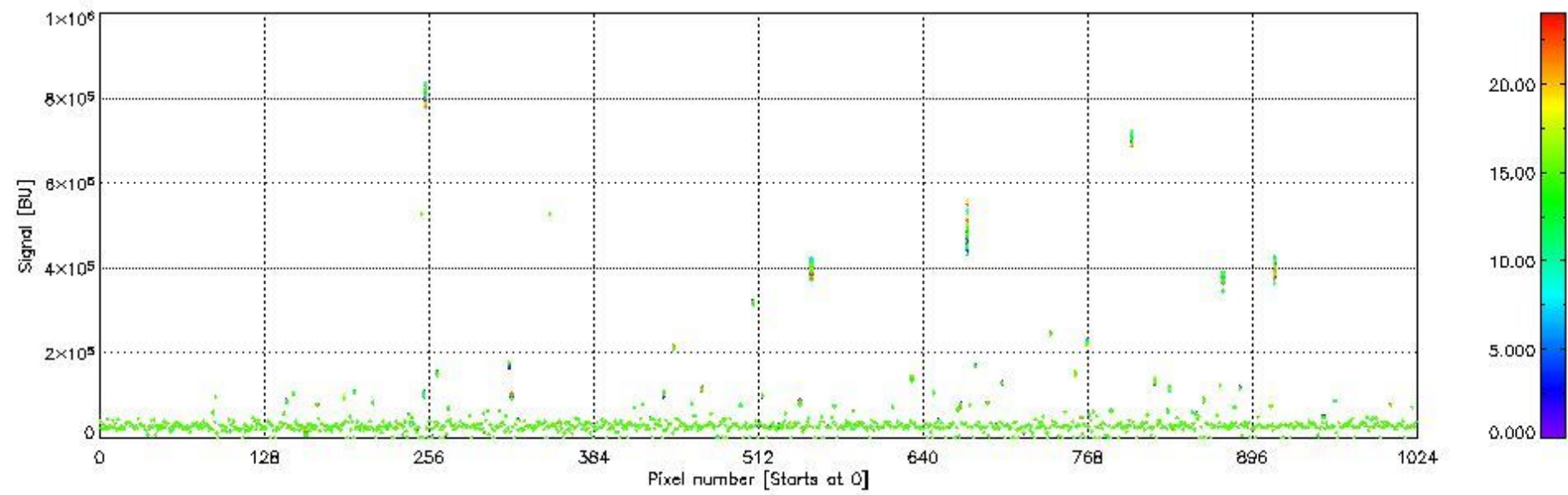
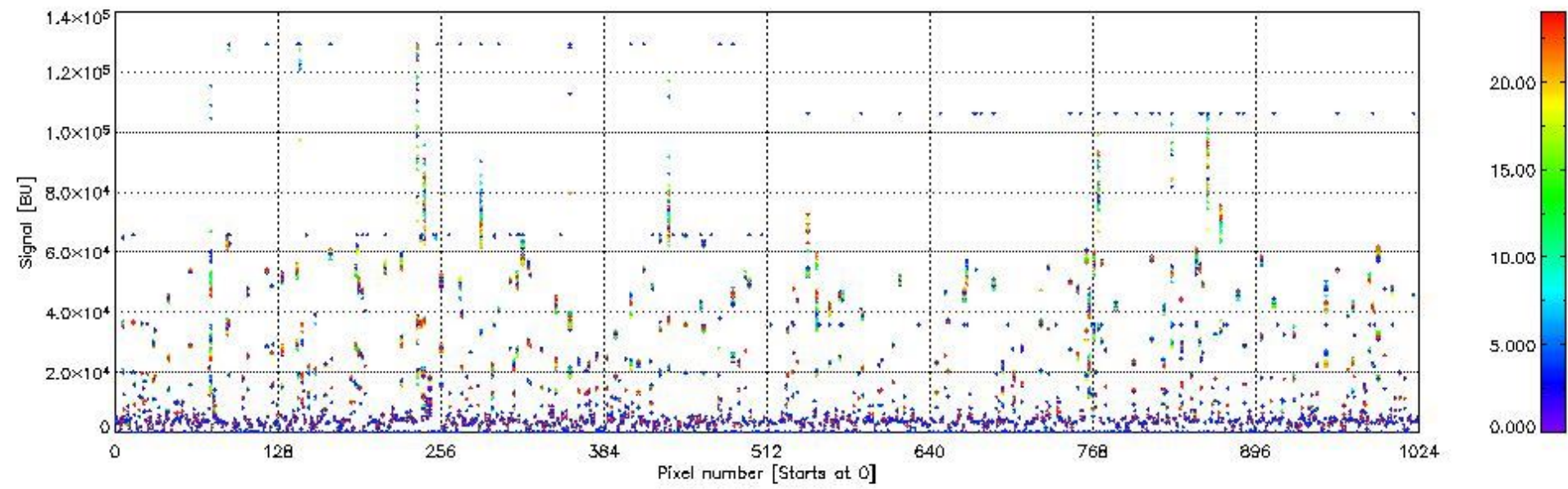
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_4.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



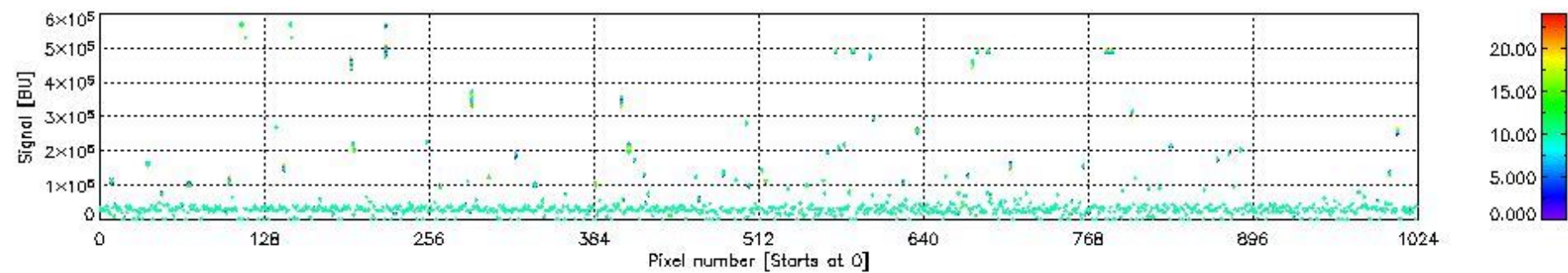
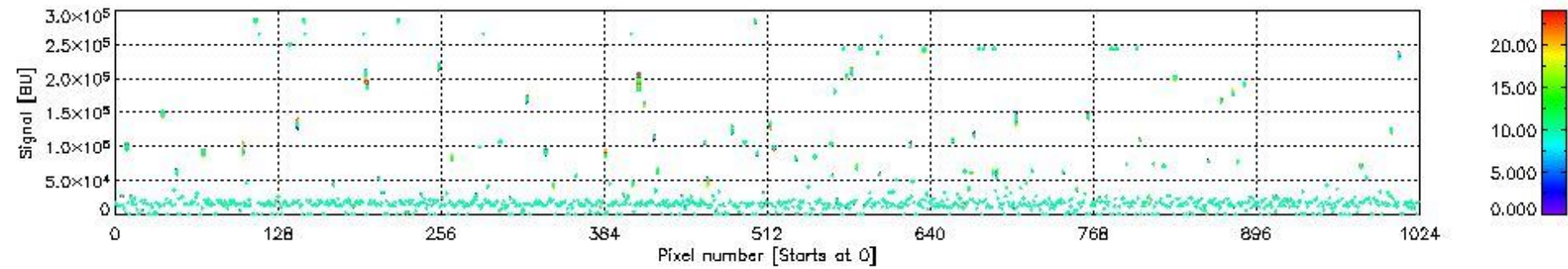
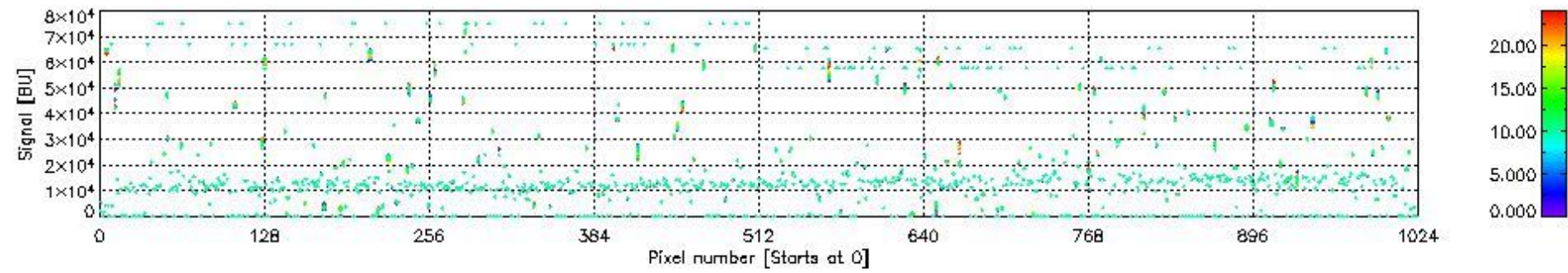
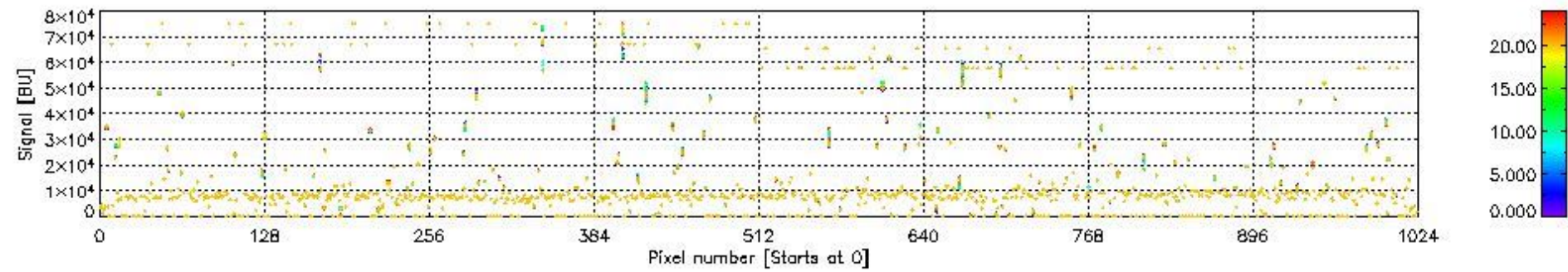
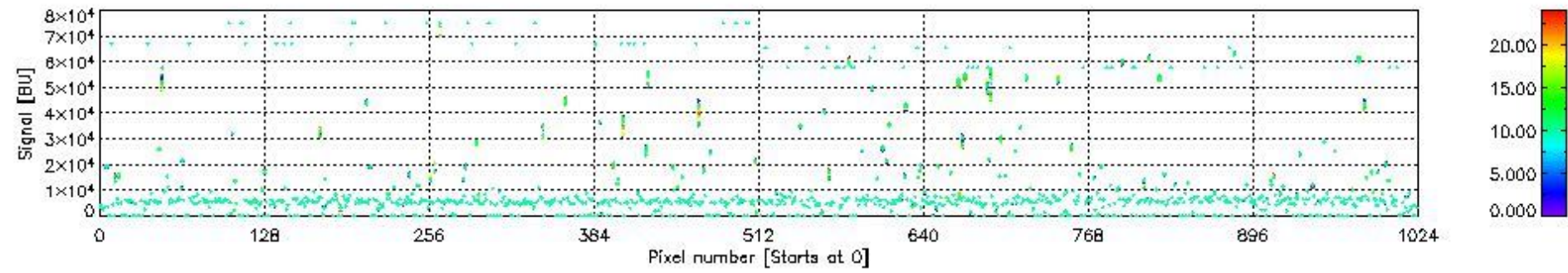
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_5.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



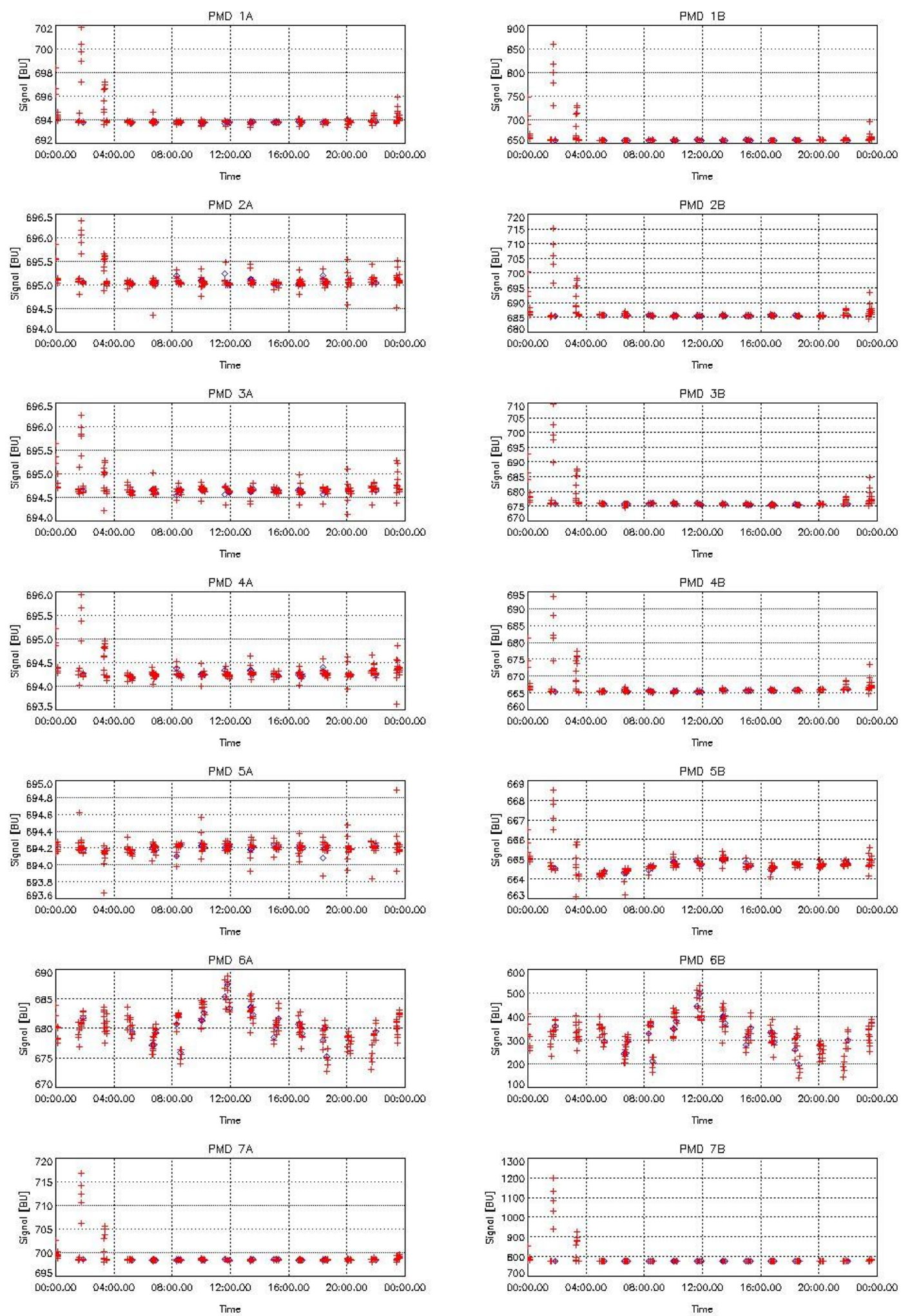
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_6.PNG

Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



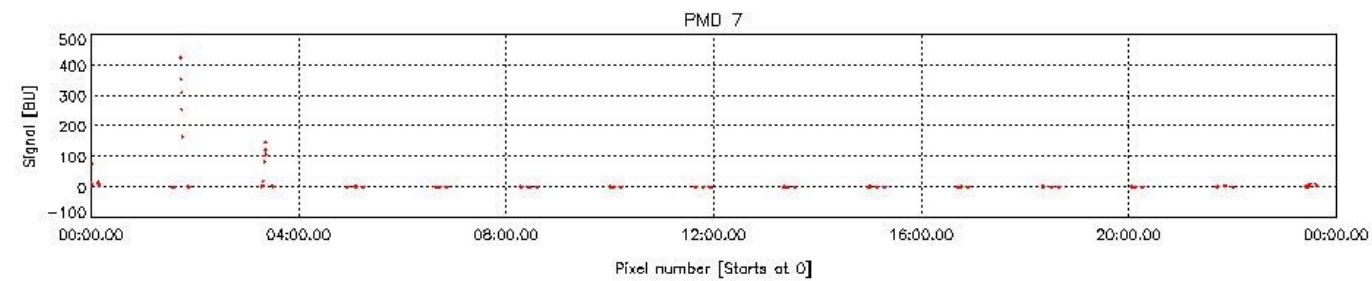
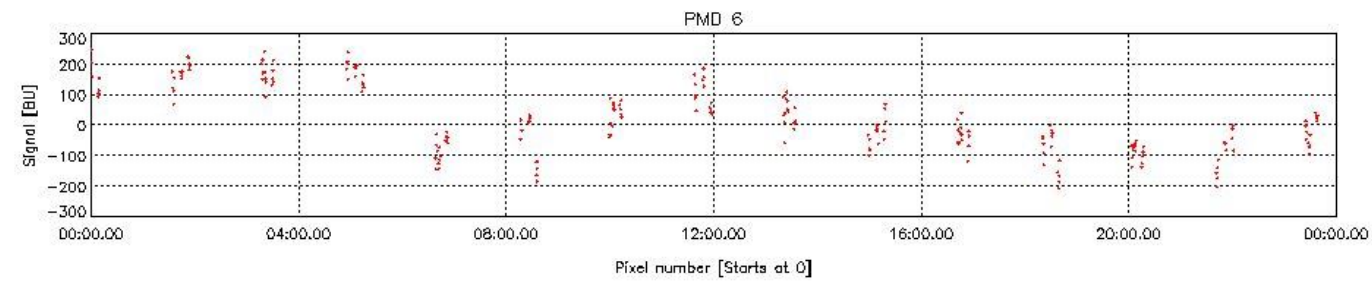
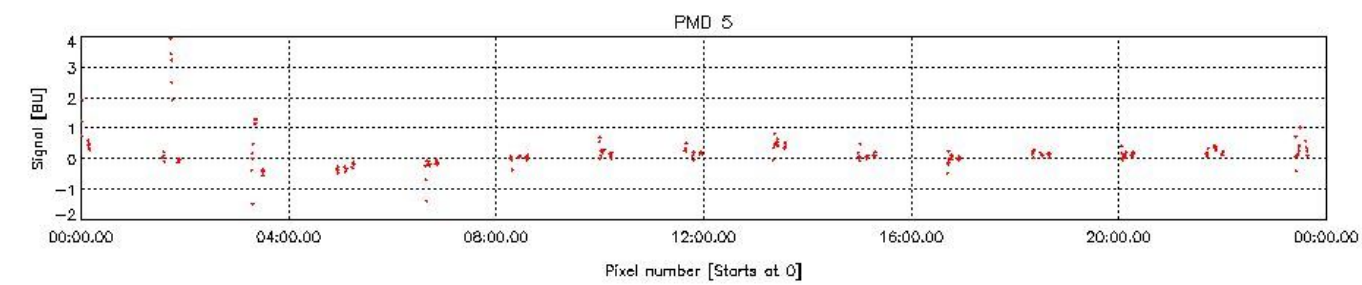
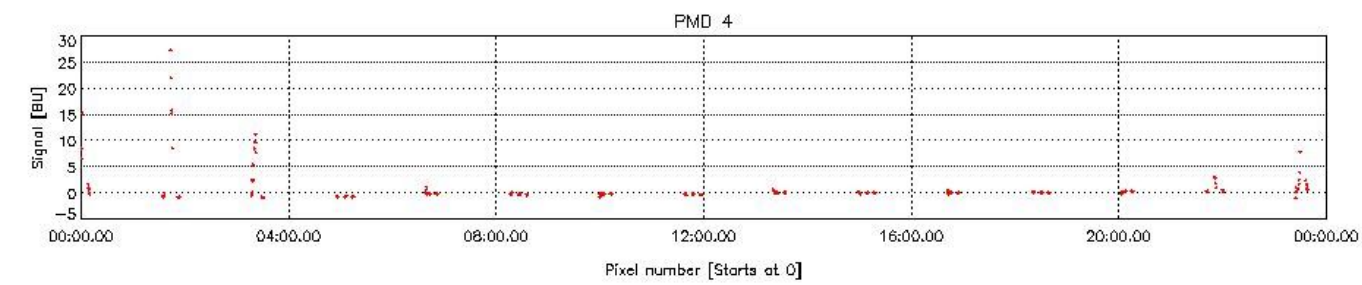
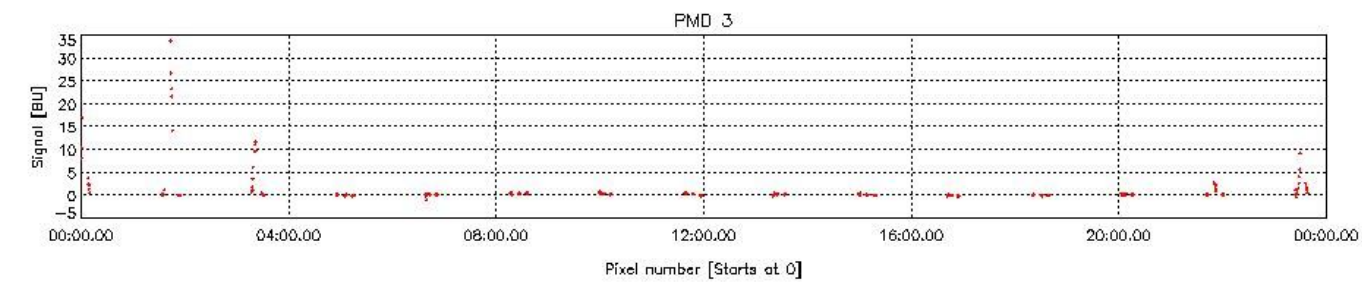
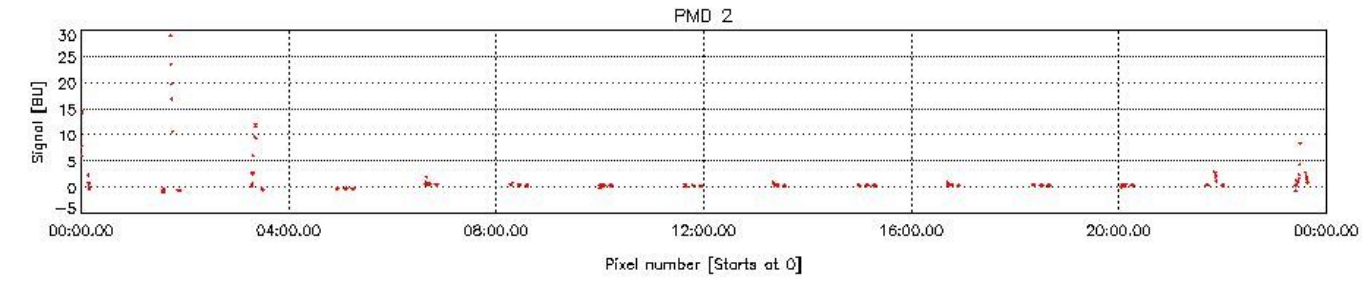
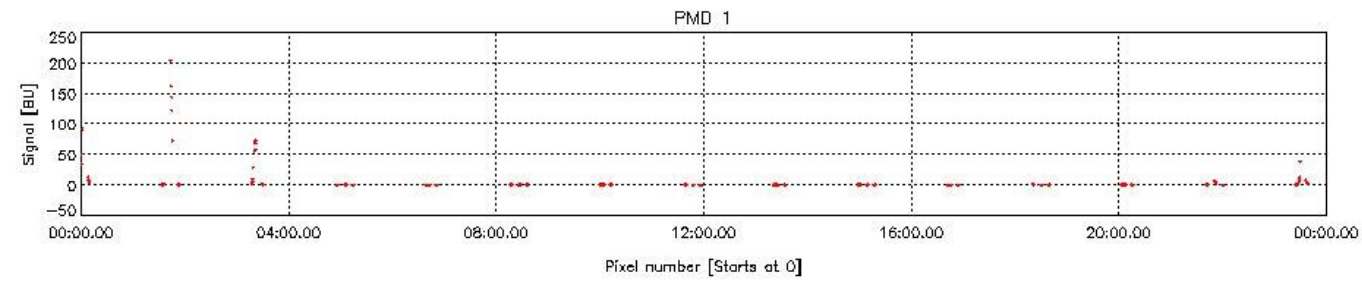
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_7.PNG

Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 02APR2008 (red).
New leakage current offset data is given in blue for comparison.

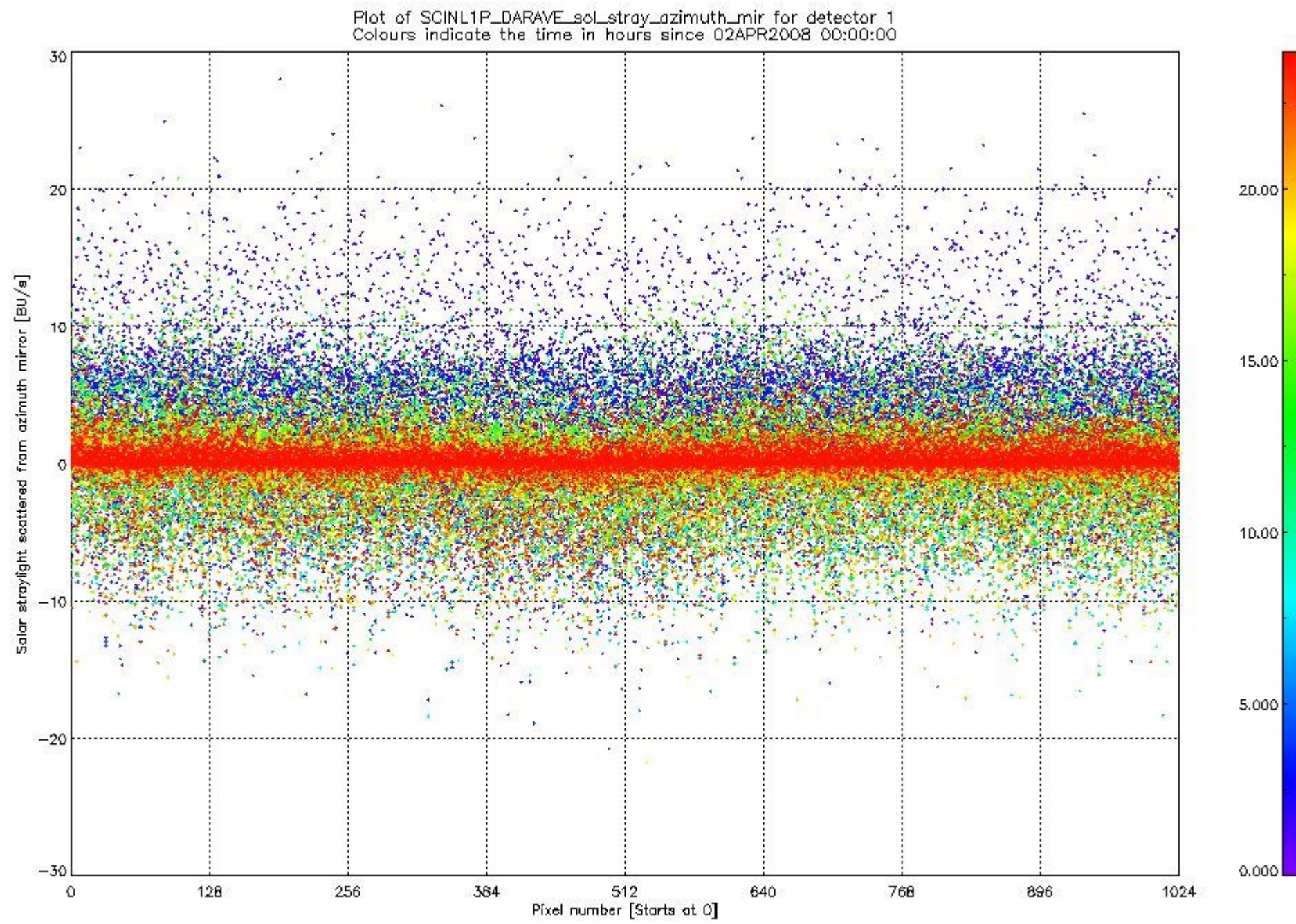


sciamachy_daily_report_level1_SCIA_6_03_N_20080402_8.PNG

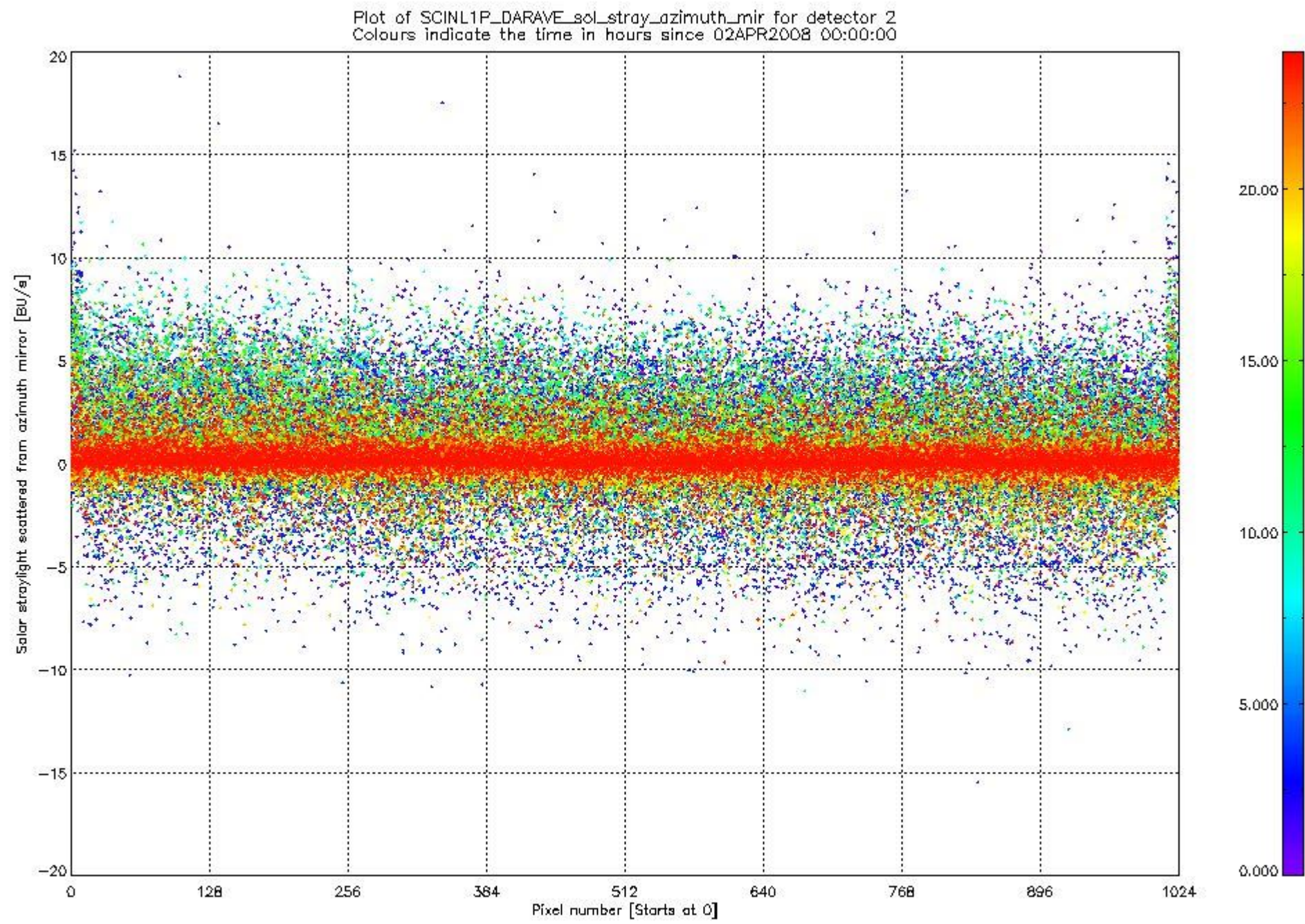
Plots of SCINL1P_DARAVE_stray_off_pmd vs time on 02APR2008.



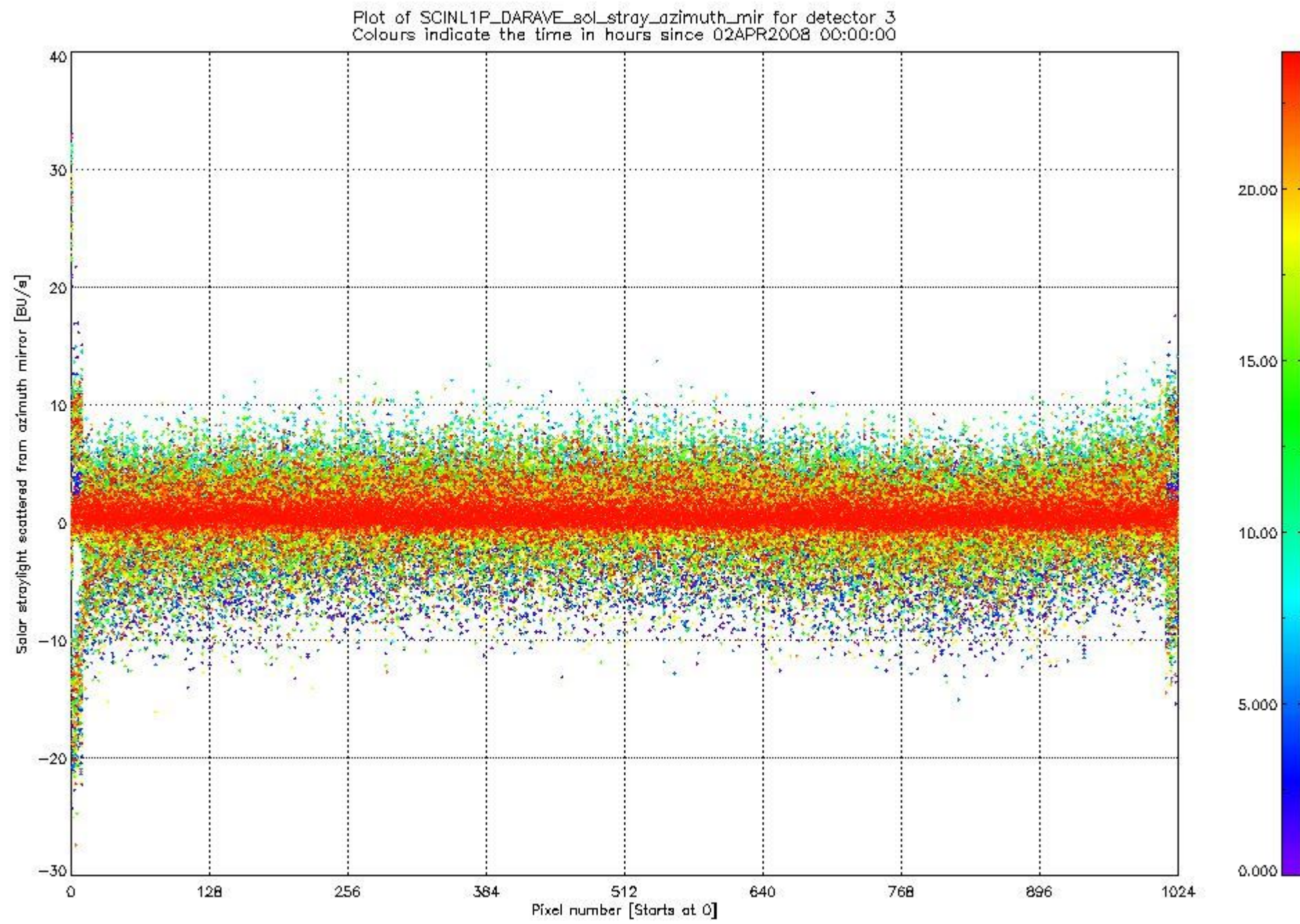
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_9.PNG



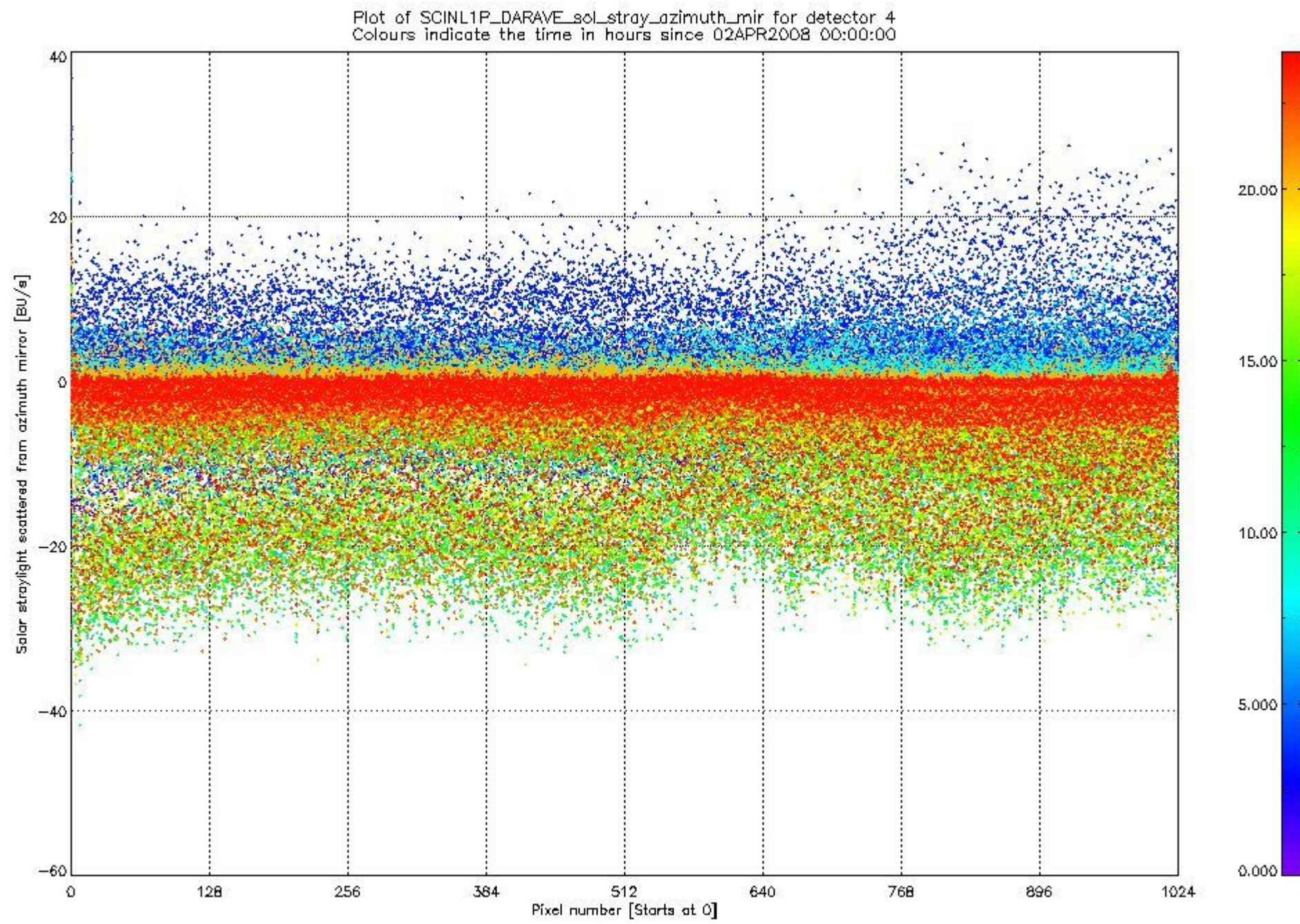
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_10.PNG

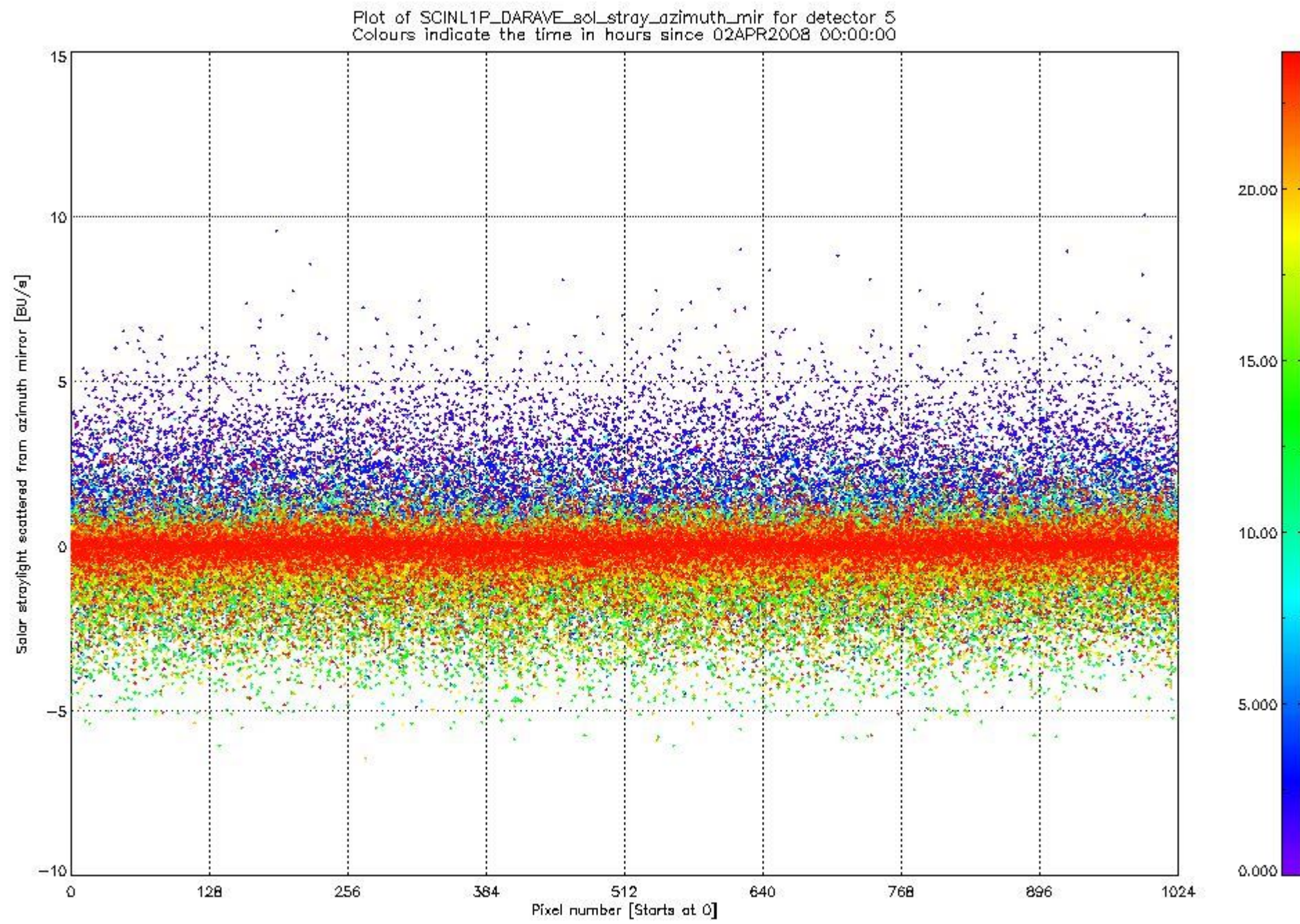


sciamachy_daily_report_level1_SCIA_6_03_N_20080402_11.PNG

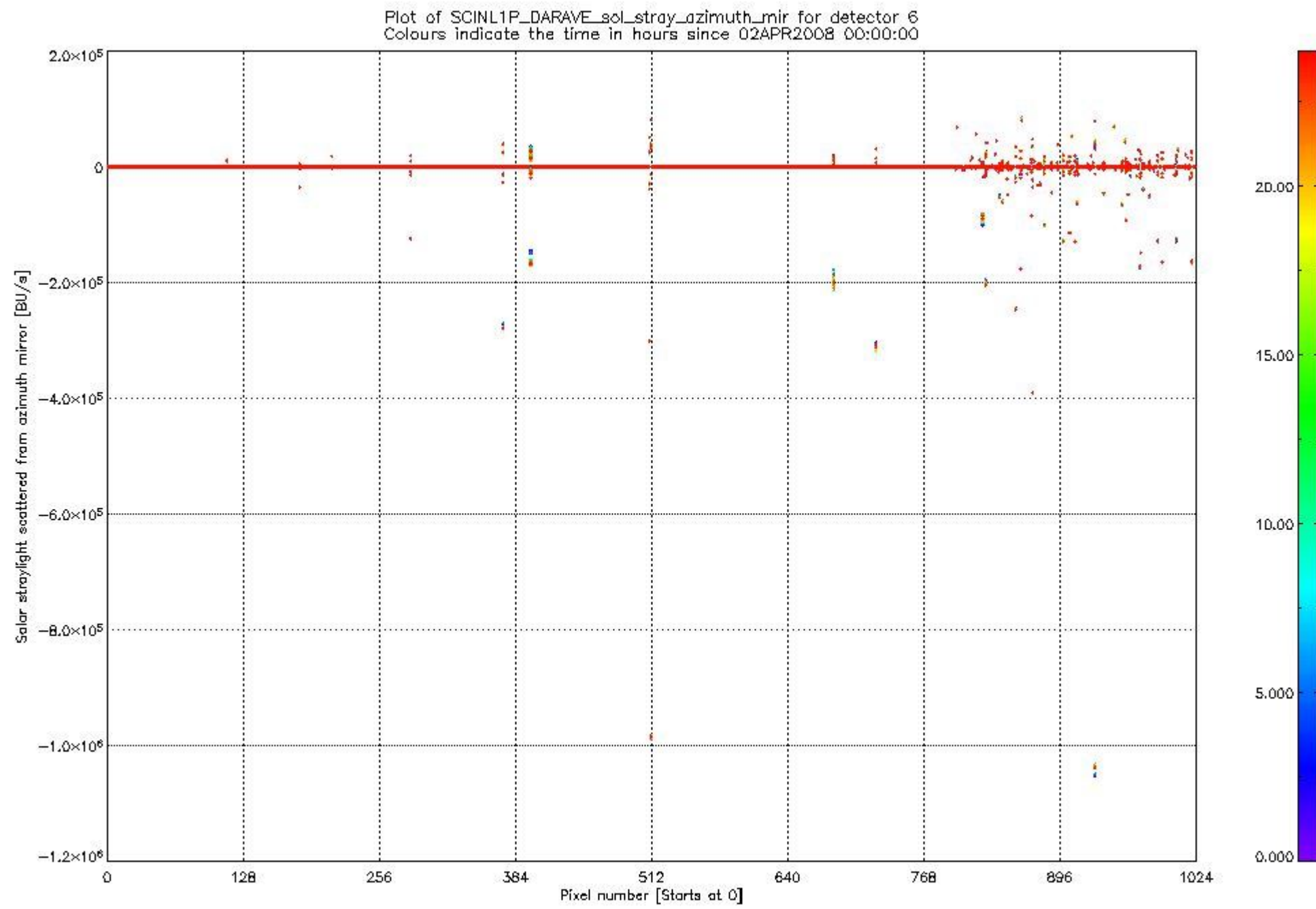


sciamachy_daily_report_level1_SCIA_6_03_N_20080402_12.PNG

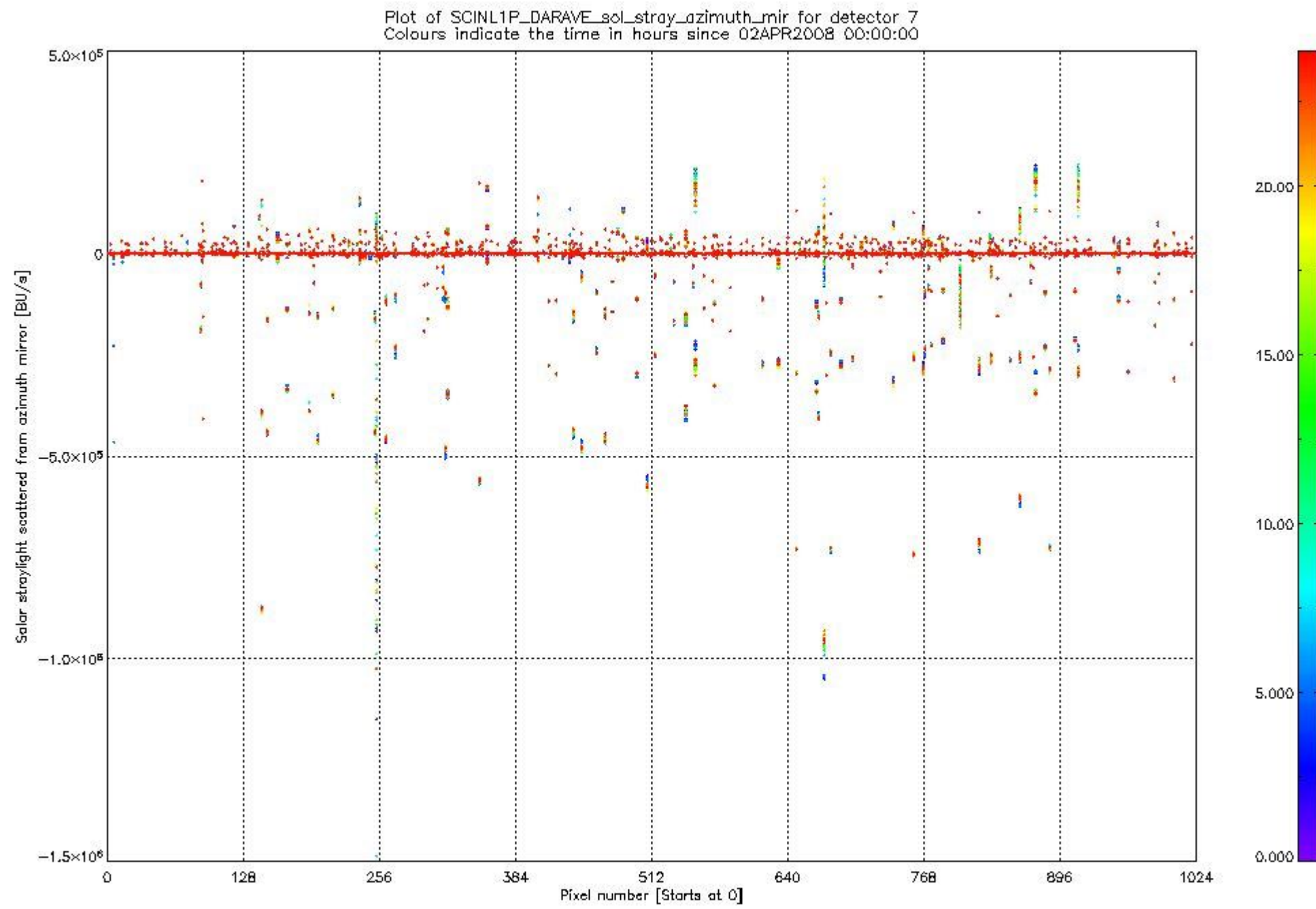




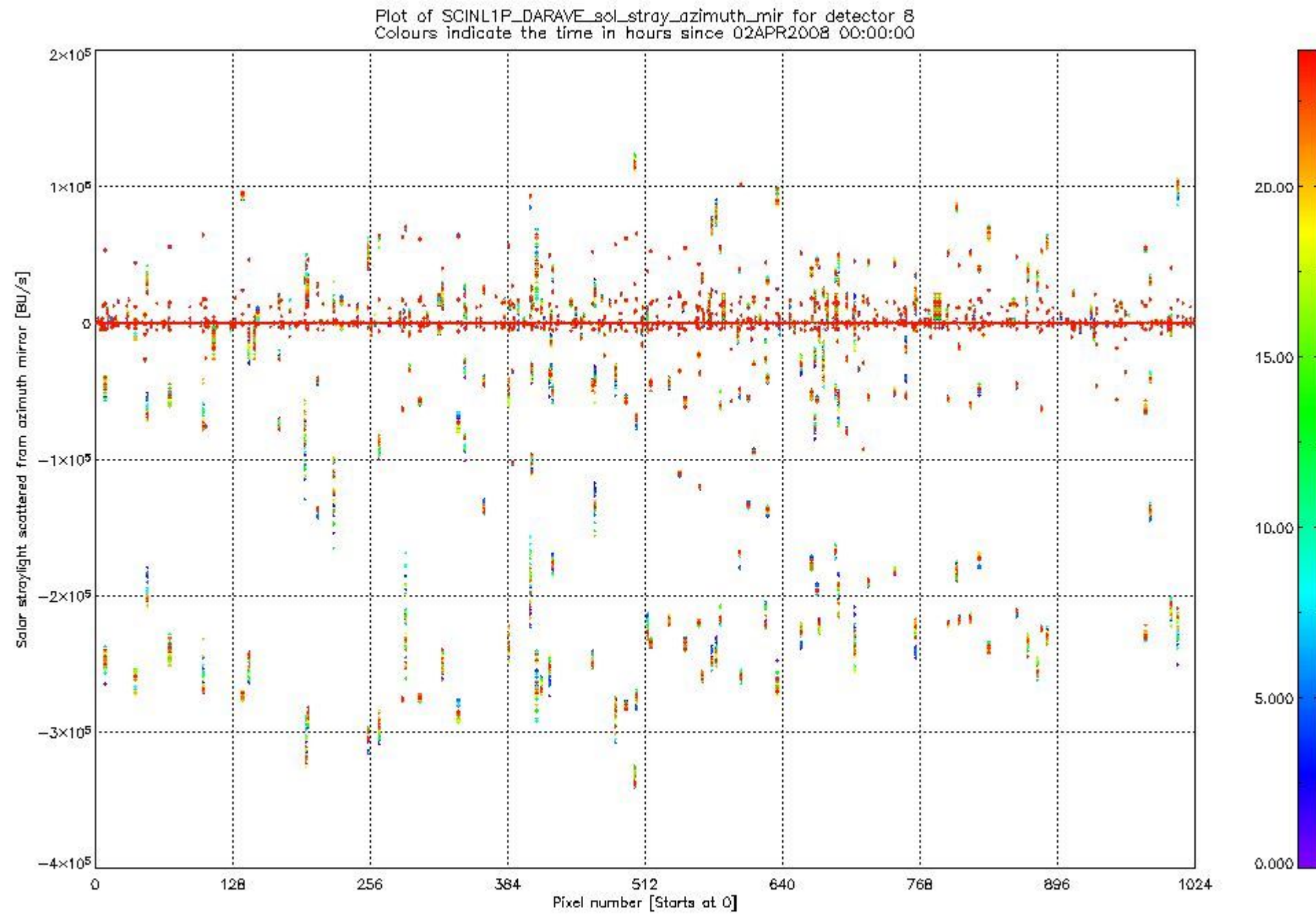
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_14.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080402_15.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080402_16.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080402_17.PNG

1.2.2 New leakage current parameters

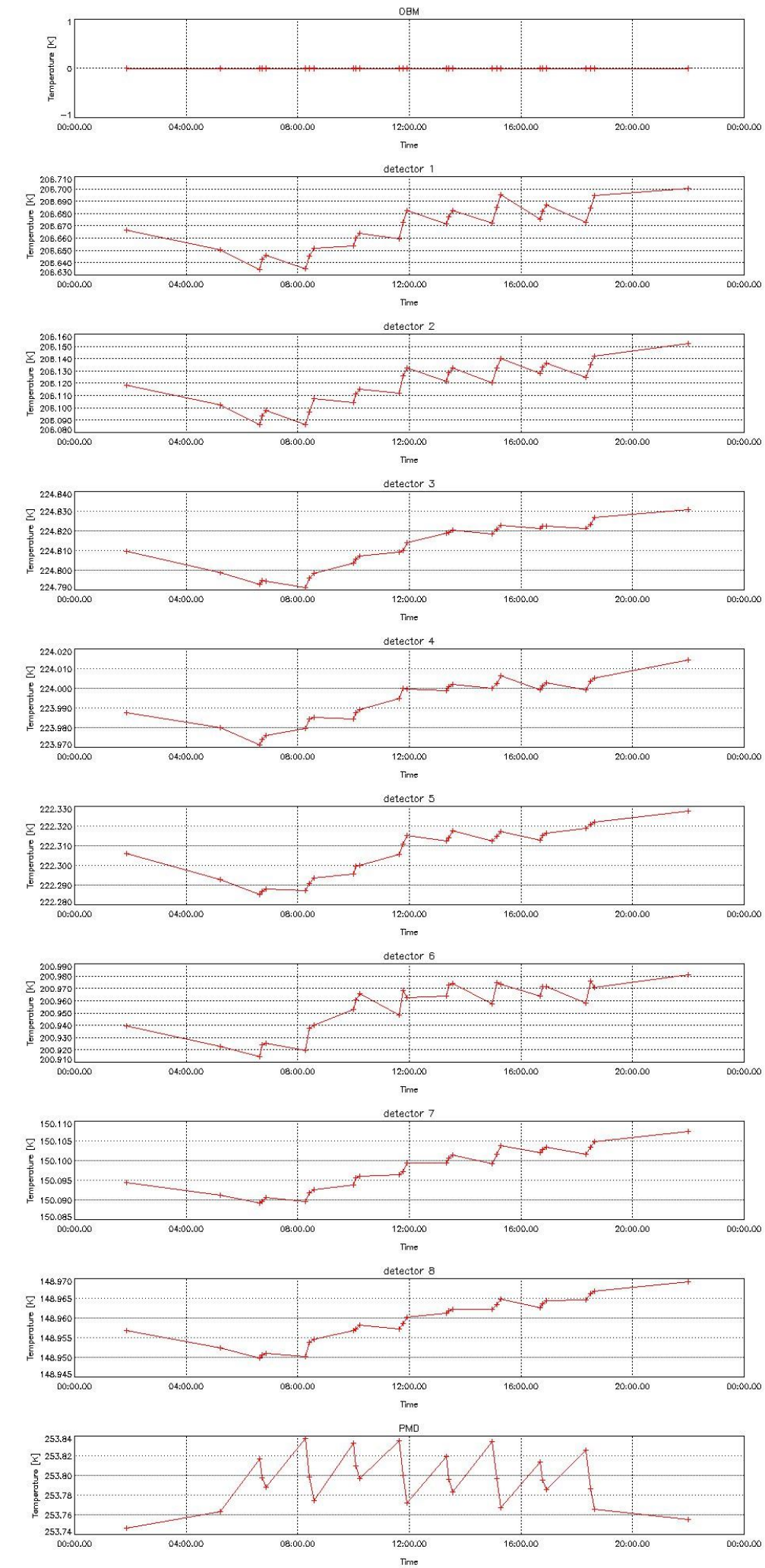
This section lists properties of the new leakage current data within the processing scope.

The following table shows the new leakage measurement data characteristics.

#	dsr_time	attach	orb_phase
0	02APR2008 01:52:38	1	0.321500
1	02APR2008 05:13:49	1	0.321500
2	02APR2008 06:37:57	1	0.173500
3	02APR2008 06:42:55	1	0.240000
4	02APR2008 06:51:18	1	0.287667
5	02APR2008 08:16:20	1	0.140800
6	02APR2008 08:25:40	1	0.233600
7	02APR2008 08:34:16	1	0.318800
8	02APR2008 09:59:07	1	0.173500
9	02APR2008 10:04:06	1	0.240000

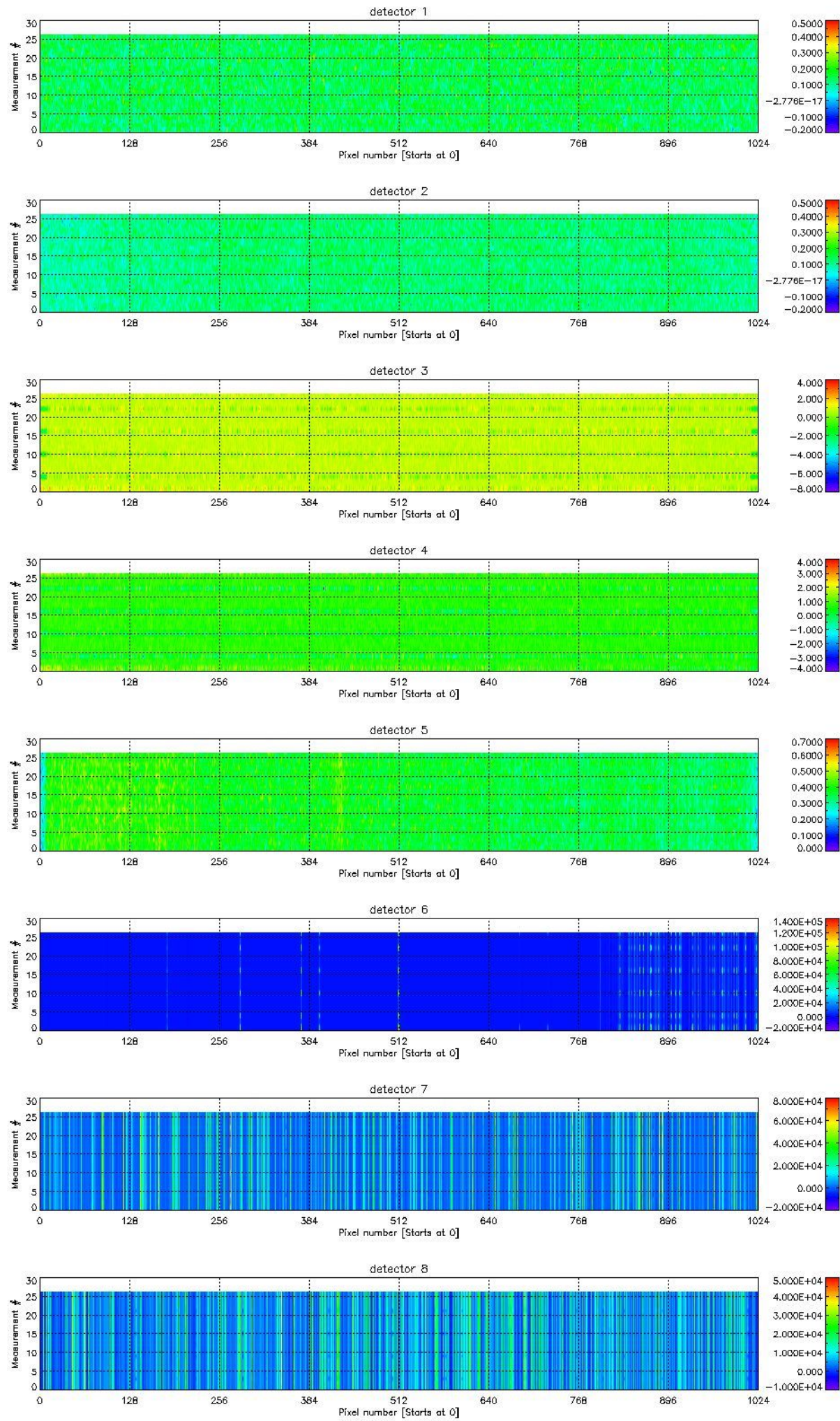
10	02APR2008 10:12:28	1	0.287667
11	02APR2008 11:37:30	1	0.140800
12	02APR2008 11:46:51	1	0.233600
13	02APR2008 11:55:27	1	0.318800
14	02APR2008 13:20:18	1	0.173375
15	02APR2008 13:25:16	1	0.240000
16	02APR2008 13:33:39	1	0.287667
17	02APR2008 14:58:41	1	0.140600
18	02APR2008 15:08:01	1	0.233400
19	02APR2008 15:16:37	1	0.318800
20	02APR2008 16:41:29	1	0.173250
21	02APR2008 16:46:27	1	0.239750
22	02APR2008 16:54:50	1	0.287667
23	02APR2008 18:19:52	1	0.140600
24	02APR2008 18:29:12	1	0.233400
25	02APR2008 18:37:48	1	0.318800
26	02APR2008 21:59:43	1	0.321500

Plots of SCINL1P_NEWLEA_obm_detL_prmd temperatures vs time on 02APR2008.



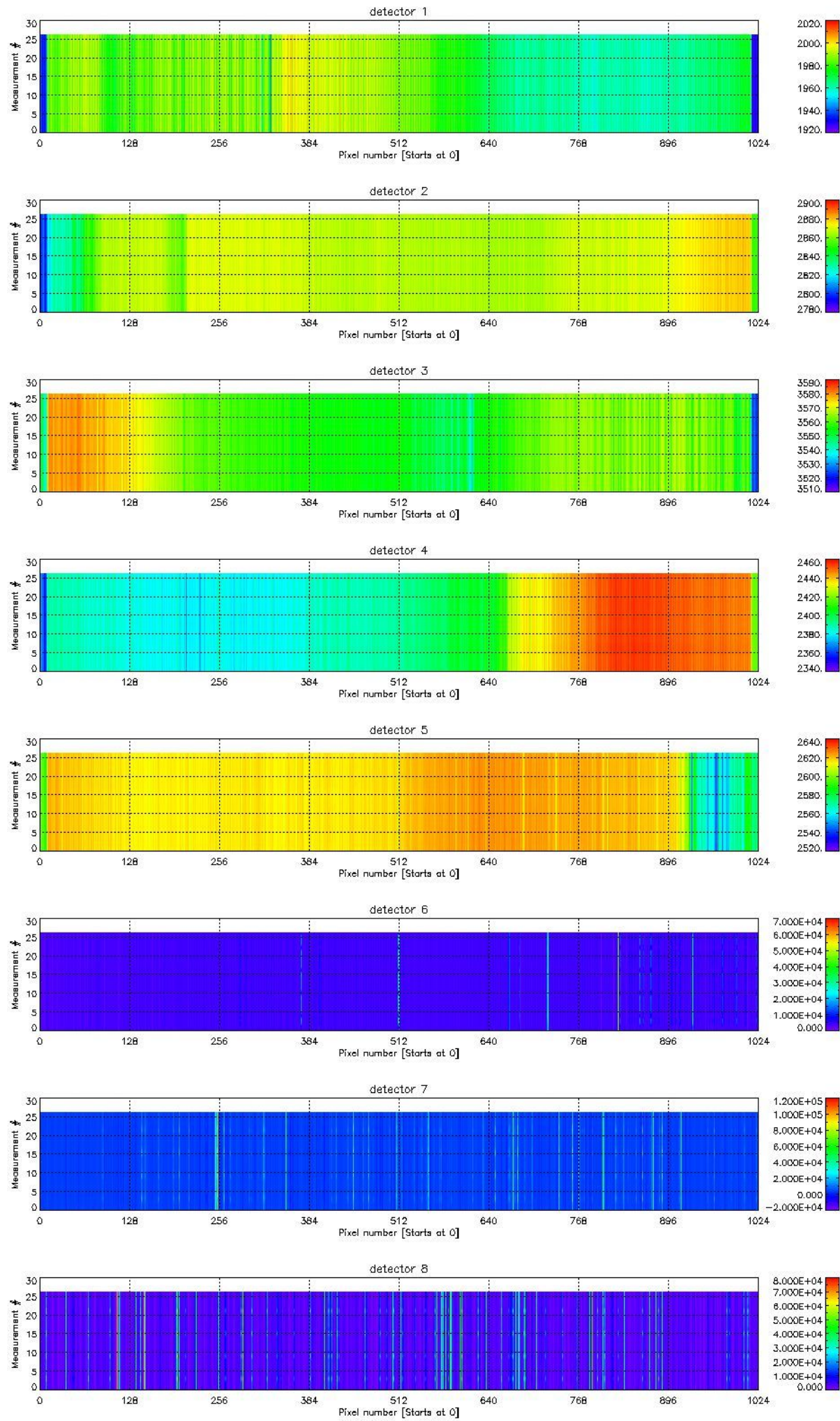
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_18.PNG

Plots of SCINLP_NEWLEA_leak_cur for various detectors on 02APR2008.
Colours indicate the value in BU/s.



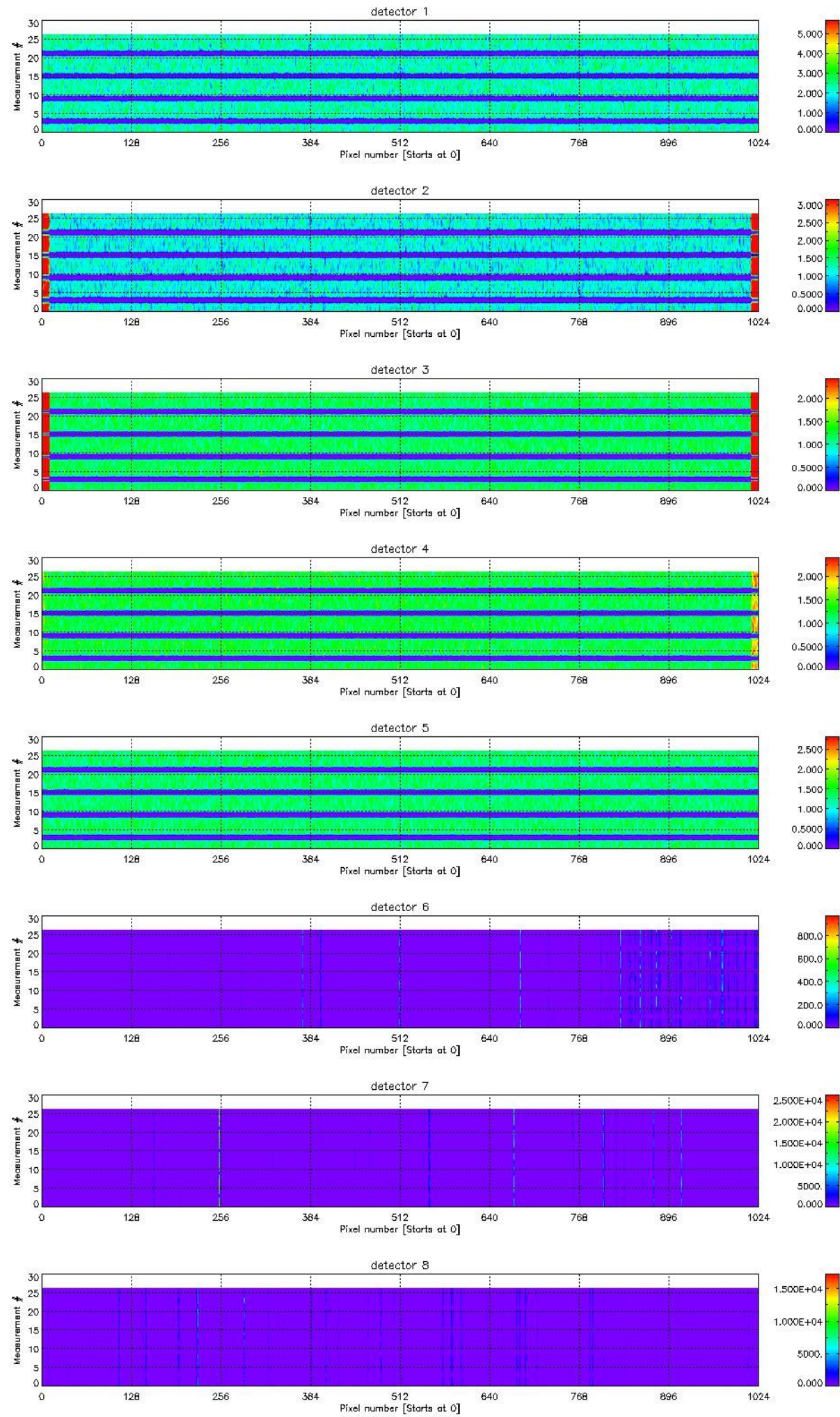
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_19.PNG

Plots of SCINLP_NEWLEA_fpn for various detectors on 02APR2008.
Colours indicate the value in BU.



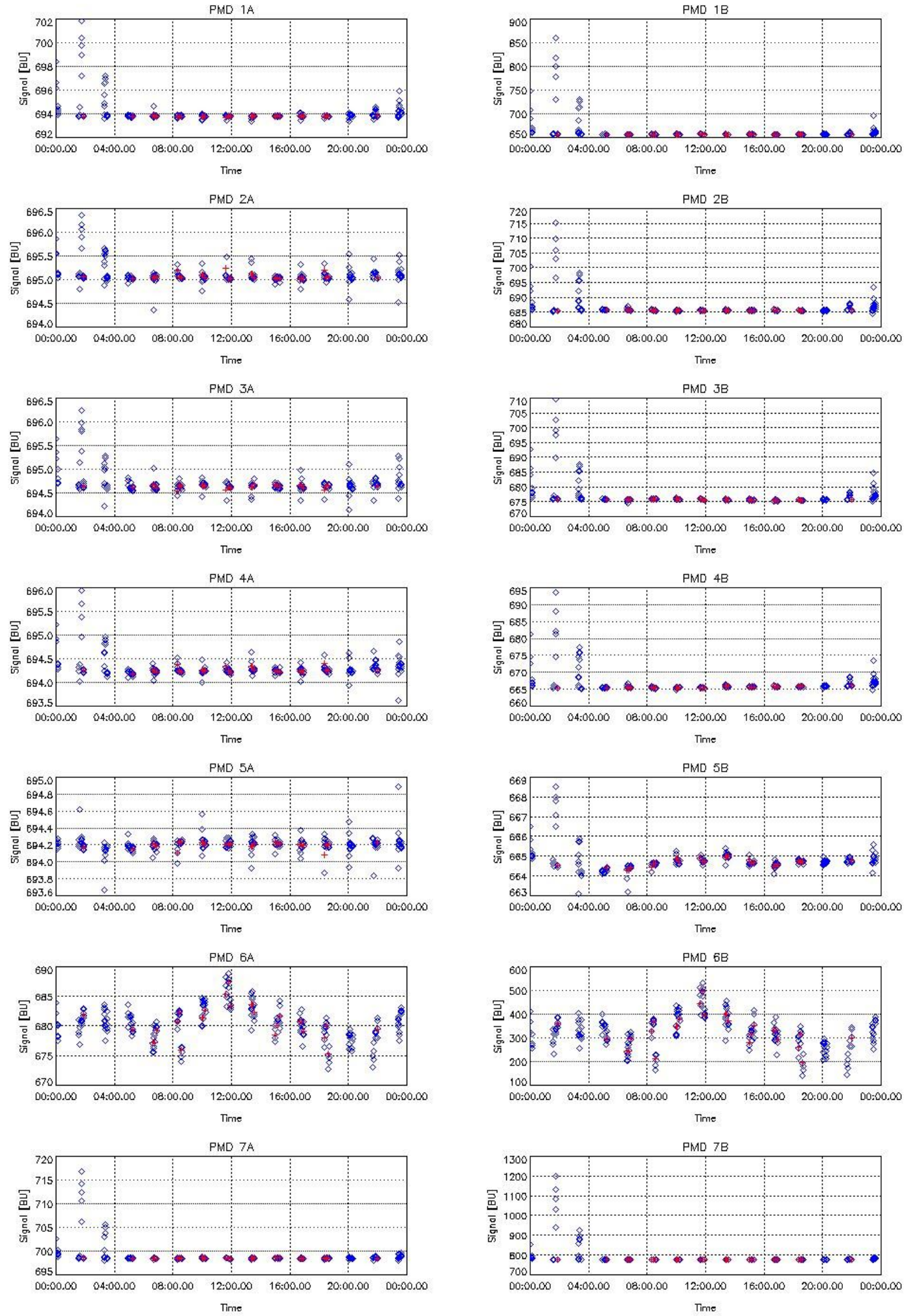
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_20.PNG

Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 02APR2008.
Colours indicate the value in BU.



sciamachy_daily_report_level1_SCIA_6_03_N_20080402_21.PNG

Plots of SCINL1P_NEWLEA_pmd_off vs time on 02APR2008 (red).
Dark average pmd data is given in blue for comparison.



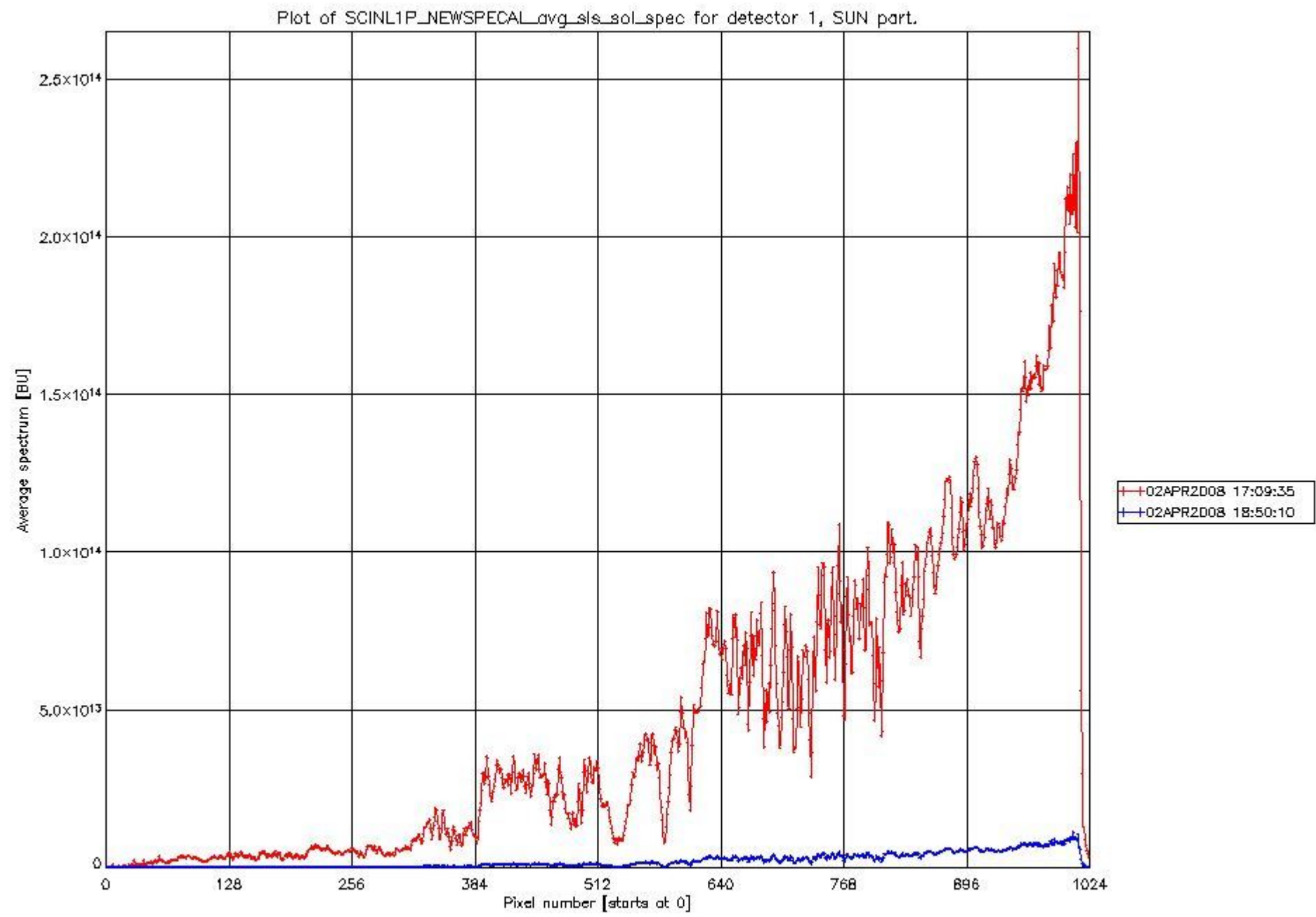
1.2.3 Spectral calibration parameters

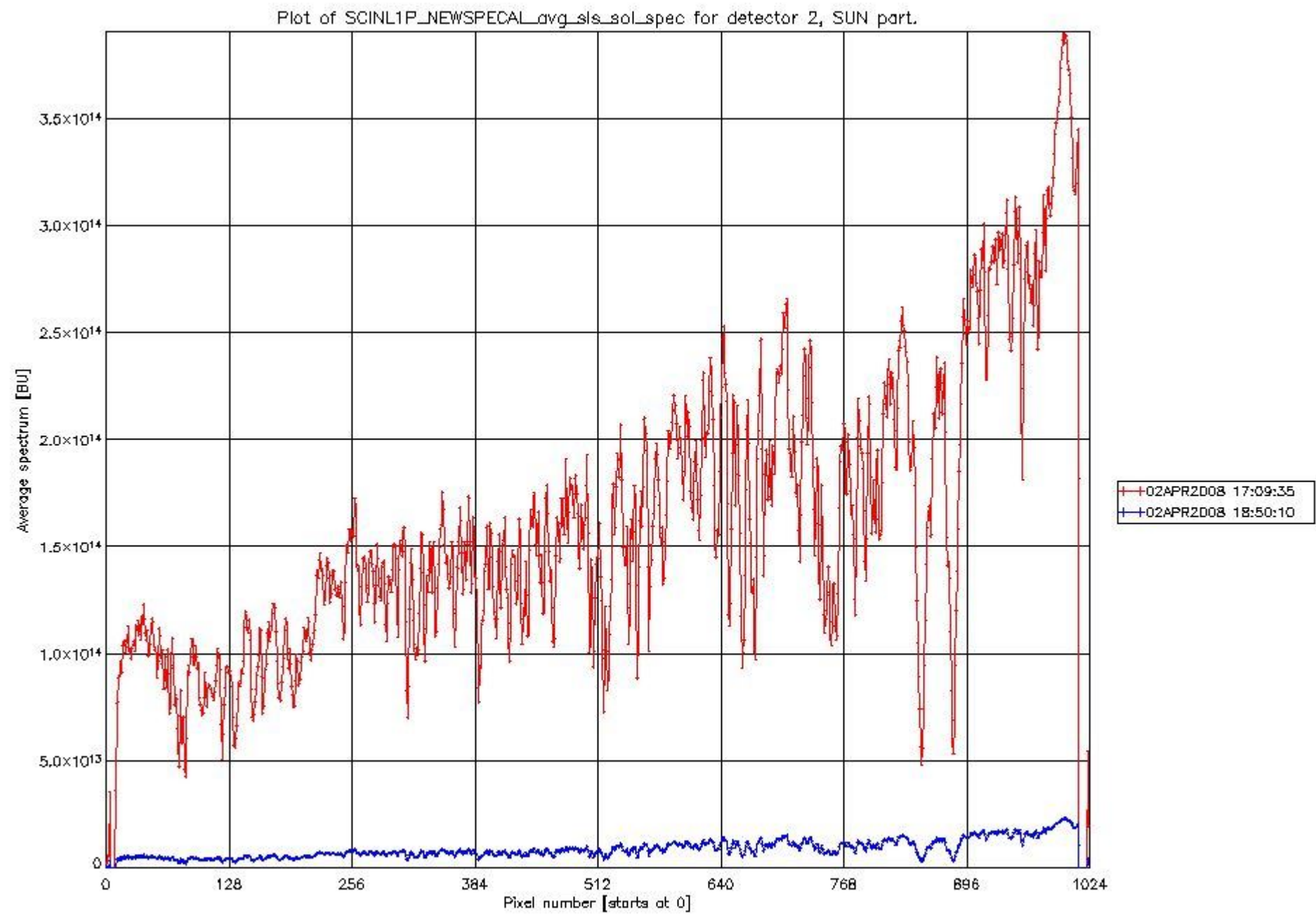
This section lists properties of the new spectral calibrations found within the processing scope.

The following table lists general properties of the spectral calibration.

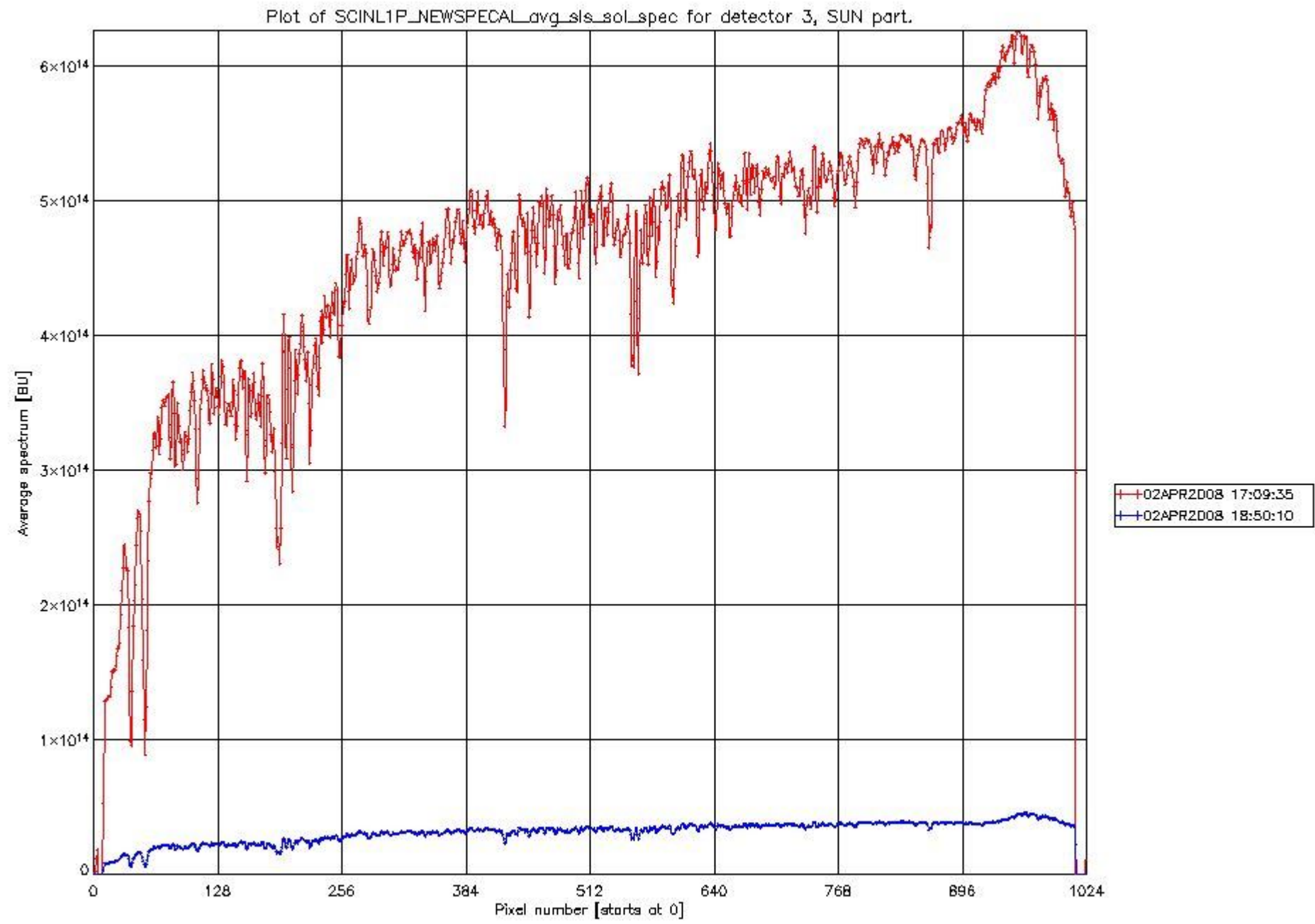
#	dsr_time	attach	orb_phase	source	#lines	cal_error [nm]	coeff[0]	coeff[1]	coeff[2]	coeff[3]	coeff[4]
0	02APR2008 17:09:35	0	0.430000	SUN	3	0.00117254	0.046856862	-5.6288671e-05	2.1078035e-08	0.0000000	0.0000000
				SUN	2	0.00405587	0.026111692	-0.00011960730	0.0000000	0.0000000	0.0000000
				SUN	0	-1.00000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
				SUN	2	0.00124697	-0.13825507	-4.8834969e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00321145	-0.18789245	-0.00010204423	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	02APR2008 18:50:10	0	0.430000	SUN	3	0.00113789	0.046986517	-5.2684474e-05	2.0403819e-08	0.0000000	0.0000000
				SUN	2	0.00381470	0.026321227	-0.00011248205	0.0000000	0.0000000	0.0000000
				SUN	2	0.00333759	-0.054721434	-0.00012979019	0.0000000	0.0000000	0.0000000
				SUN	2	0.00200089	-0.26372927	9.4392395e-05	0.0000000	0.0000000	0.0000000
				SUN	2	0.00343400	-0.19906342	-0.00010912102	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.

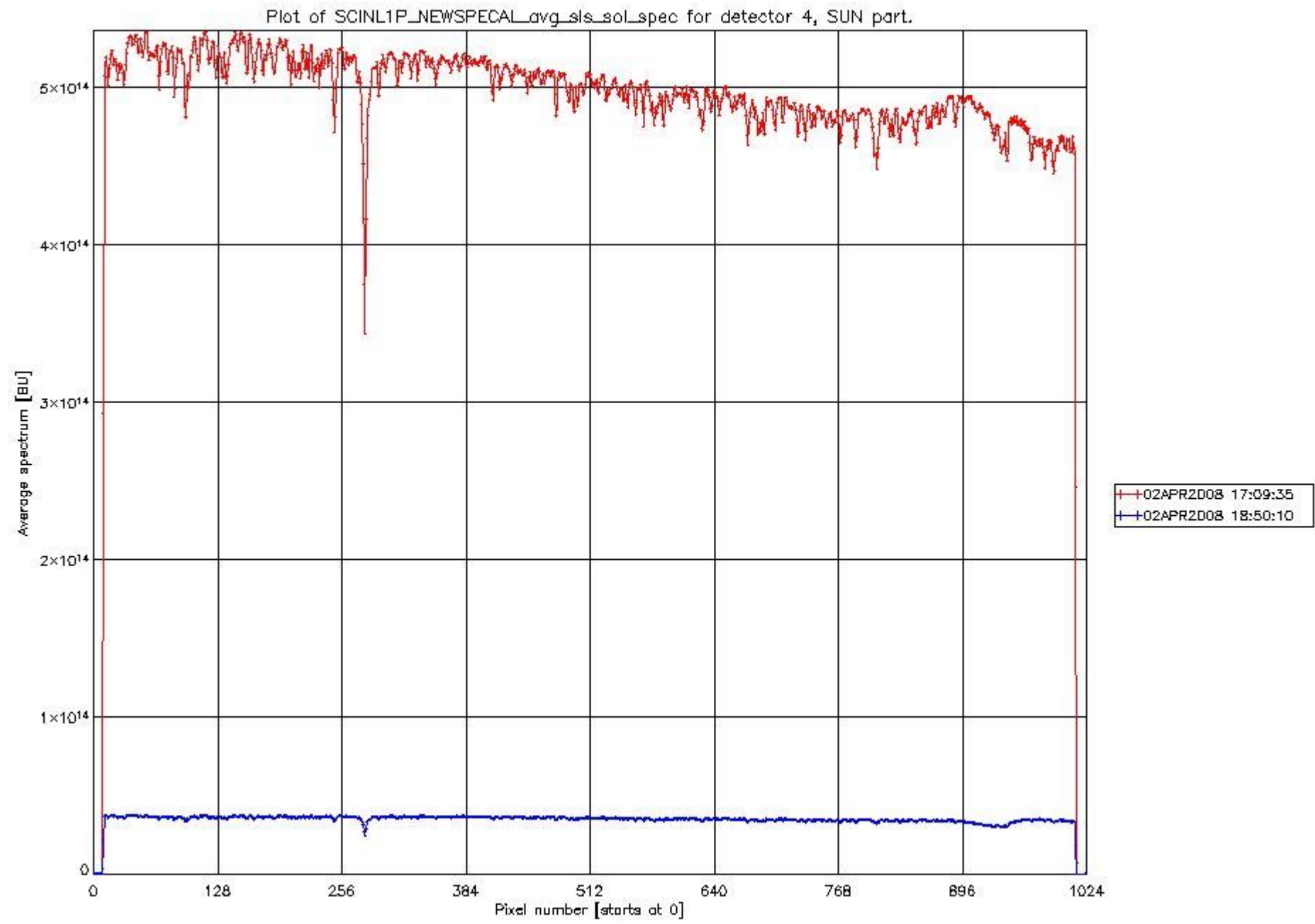


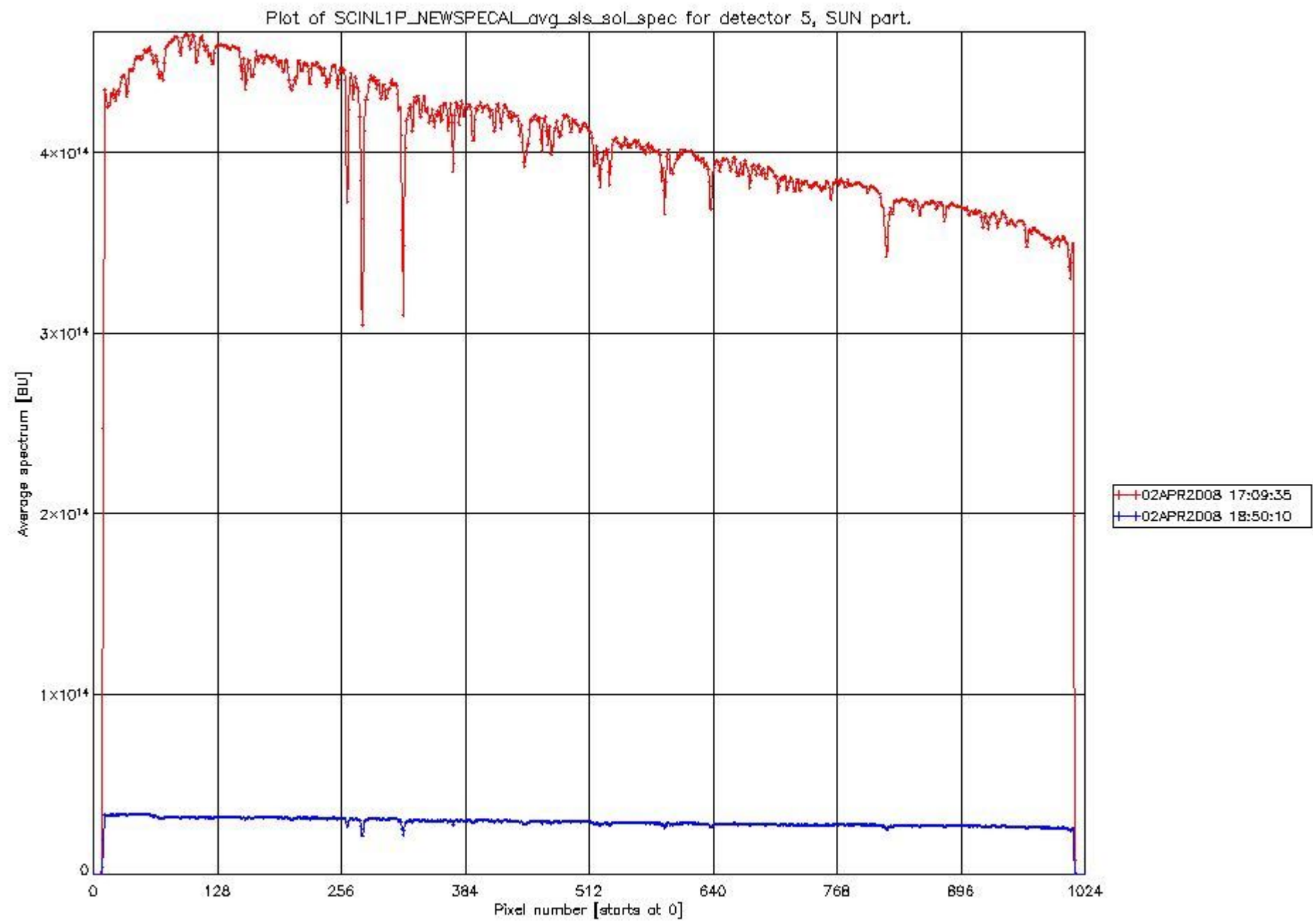


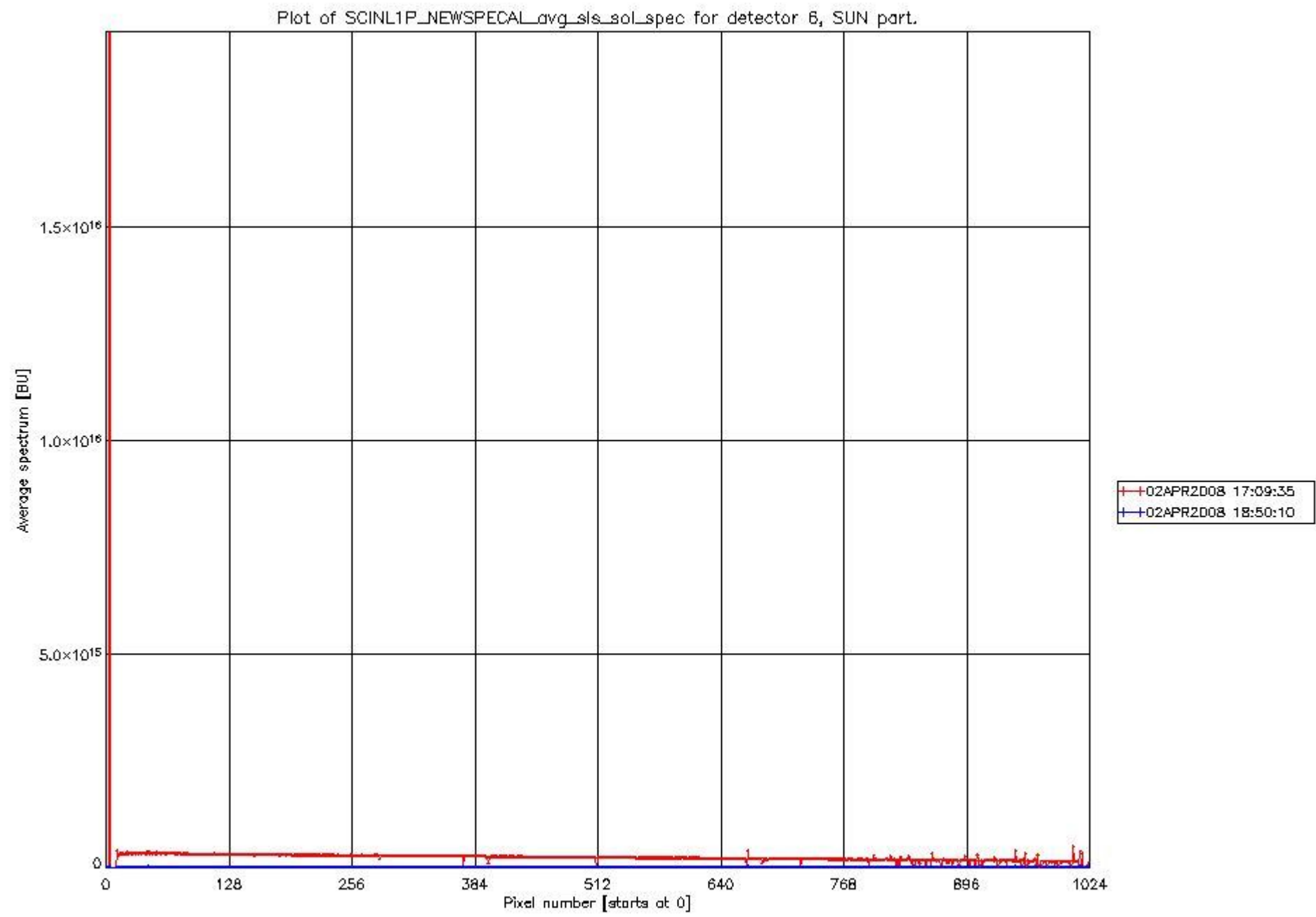
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_24.PNG

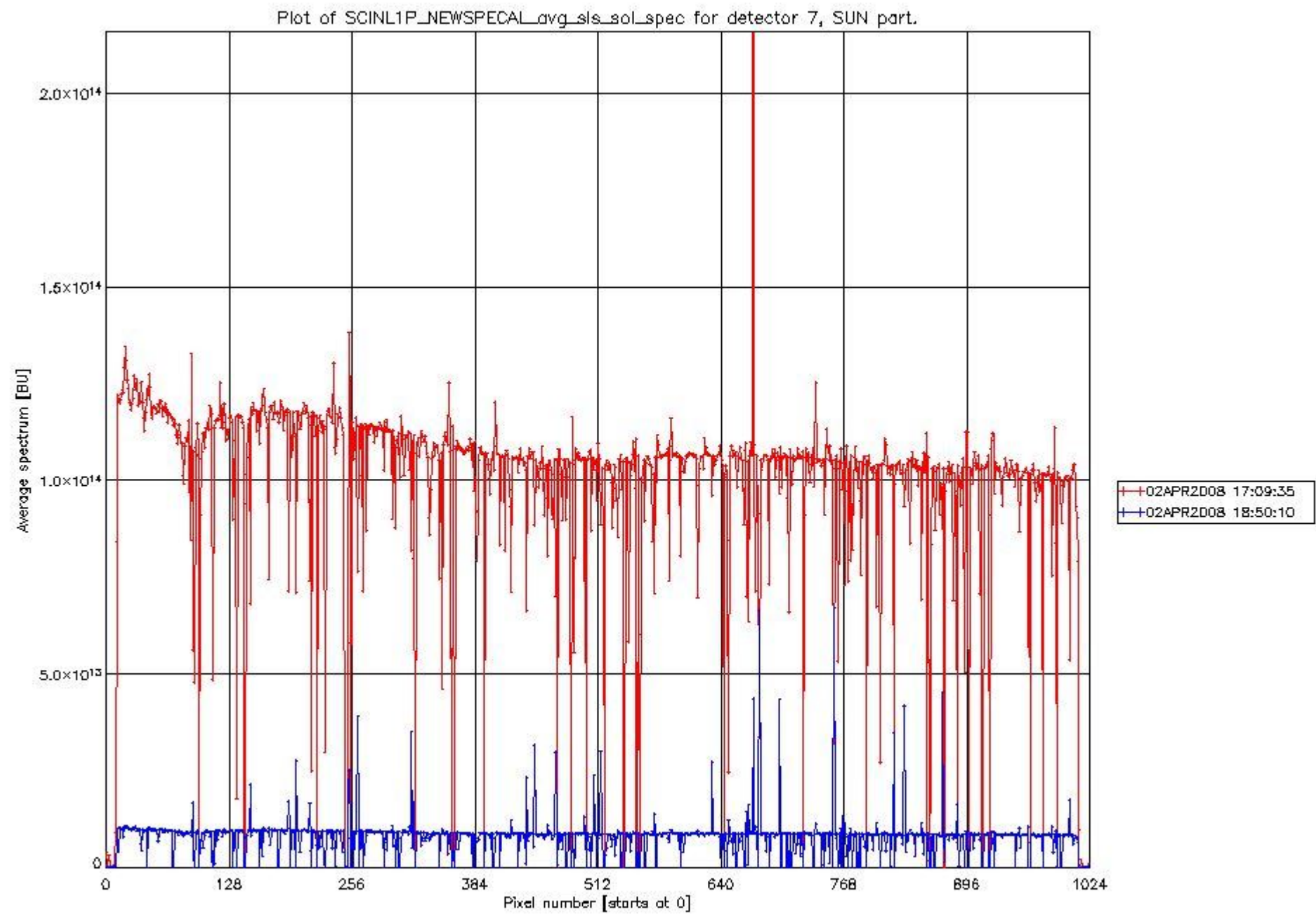


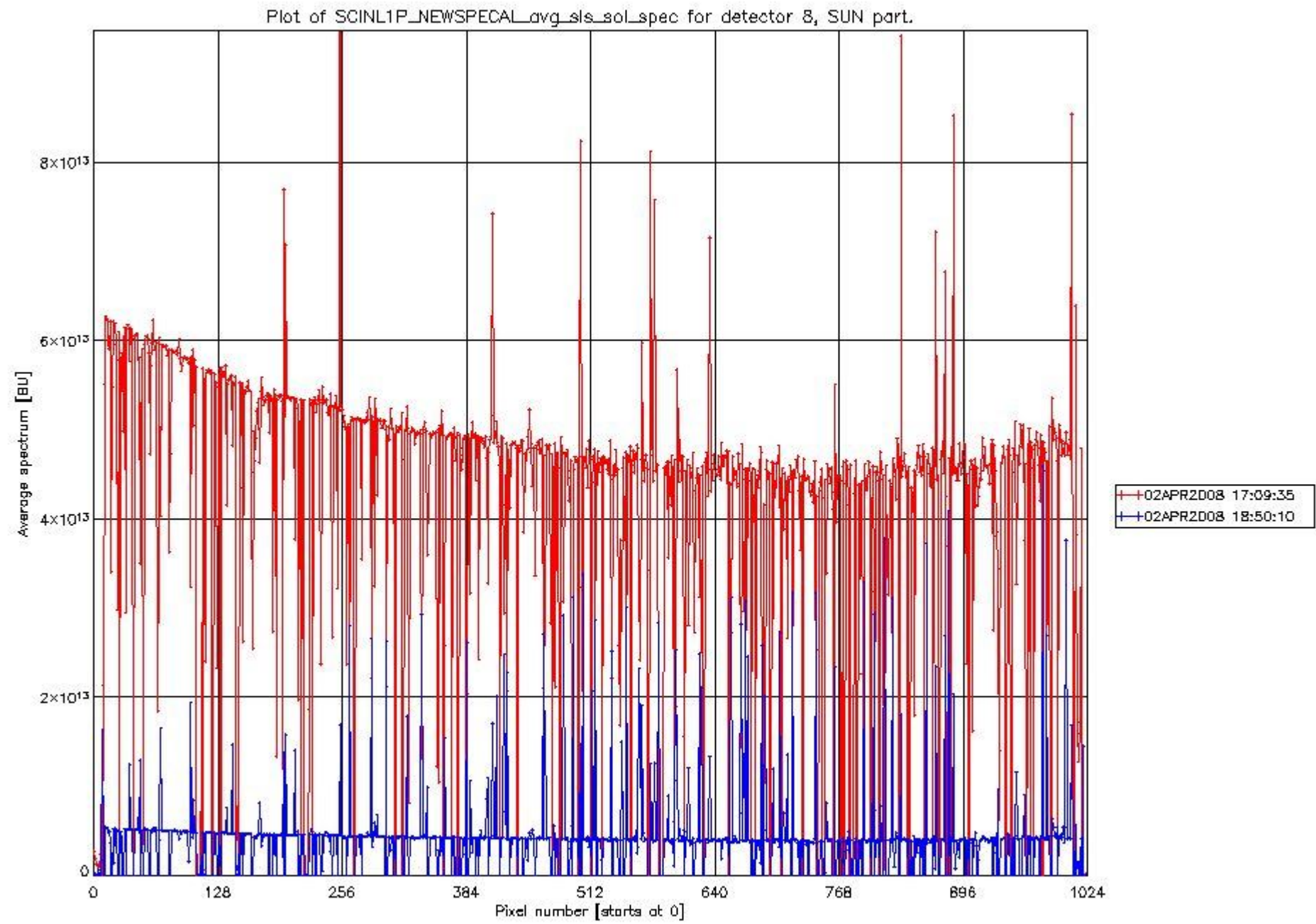
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_25.PNG











sciamachy_daily_report_level1_SCIA_6_03_N_20080402_30.PNG

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

1.2.4 New sun reference spectrum parameters

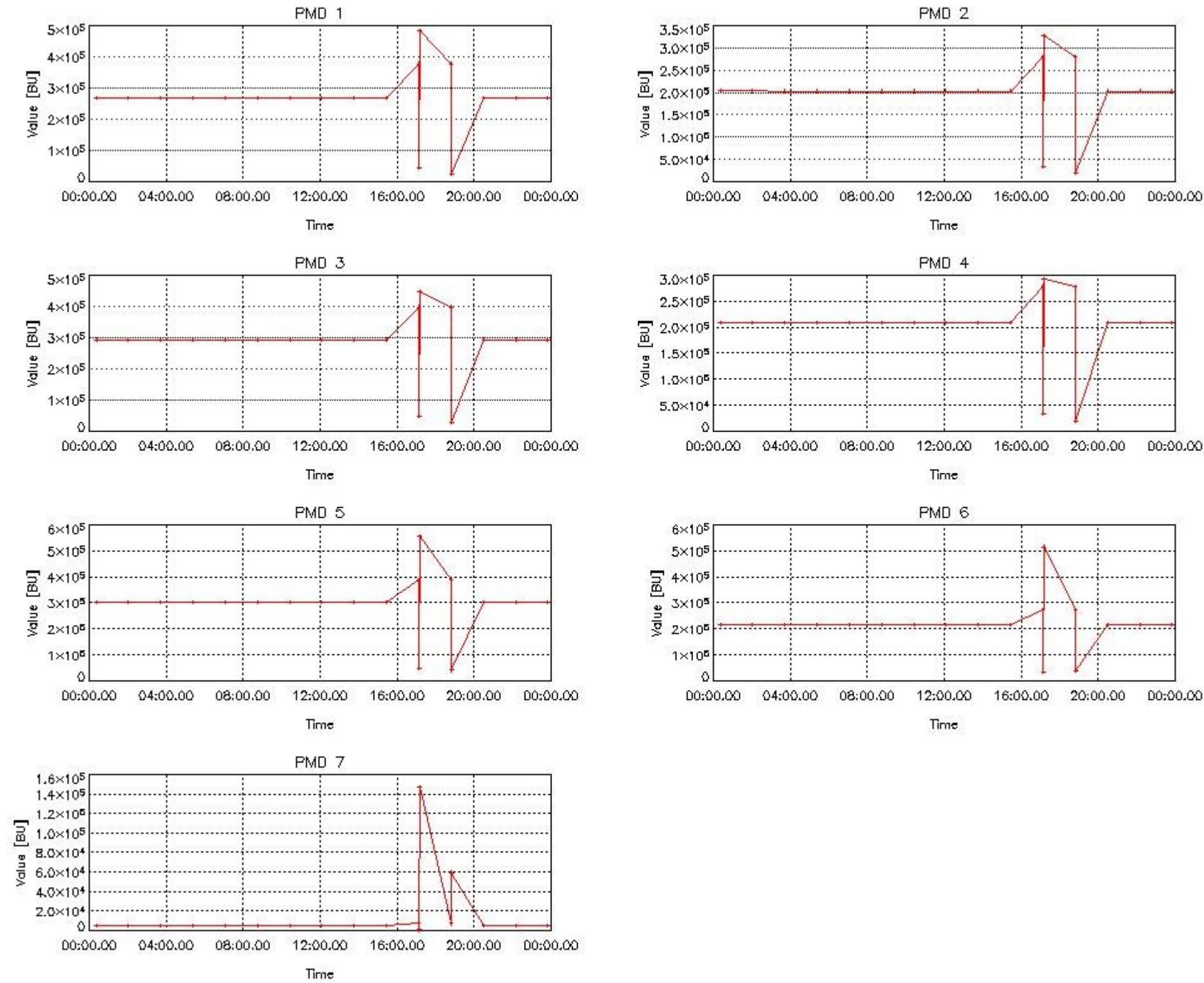
This section lists properties of the new sun reference spectrum data within the processing scope.

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	02APR2008 00:21:41	0	O 1	1	-29.8822	-11.7866	0.00000	0.00996849
		0	U 1	1	-29.8822	-11.7866	0.00000	0.00996849
1	02APR2008 02:02:16	0	O 1	1	-29.8883	-11.7873	0.00000	0.00996945
		0	U 1	1	-29.8883	-11.7873	0.00000	0.00996945
2	02APR2008 03:42:52	0	O 1	1	-29.8949	-11.7867	0.00000	0.00997094
		0	U 1	1	-29.8949	-11.7867	0.00000	0.00997094

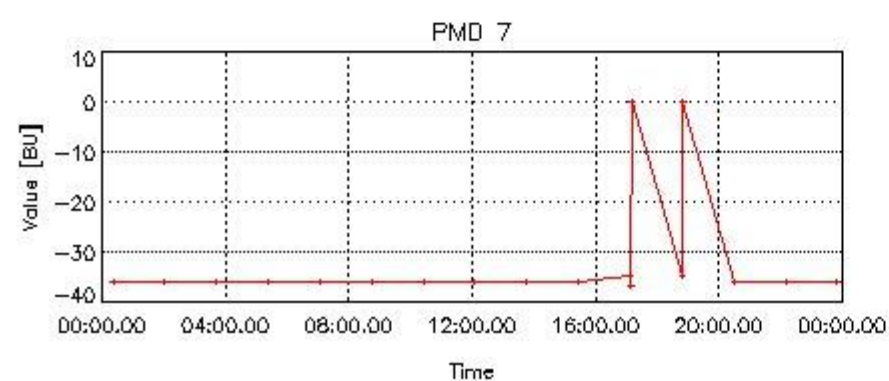
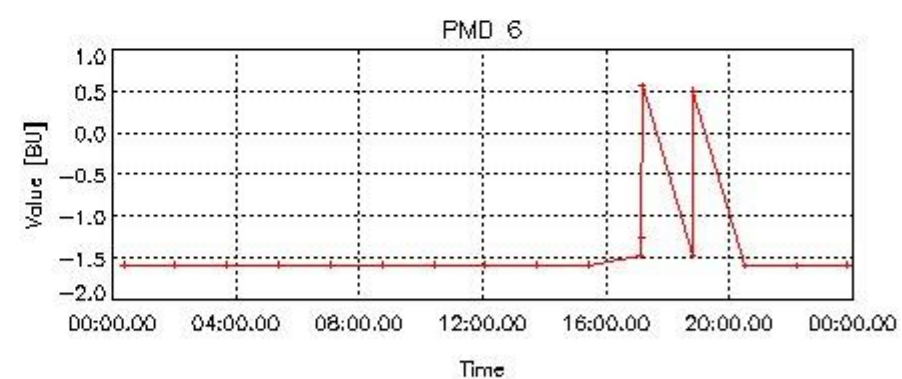
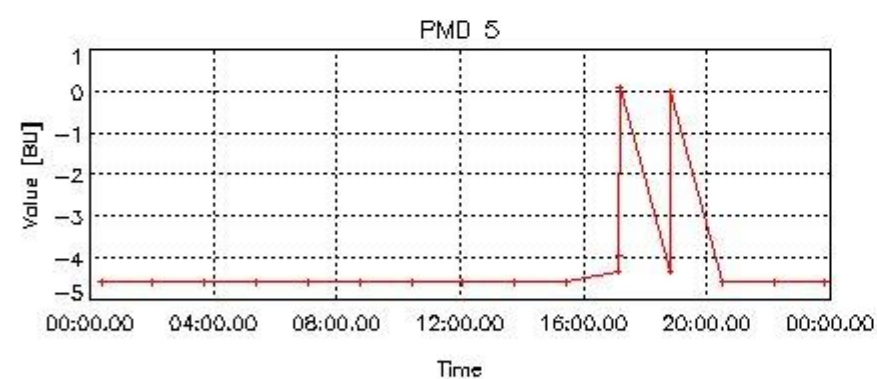
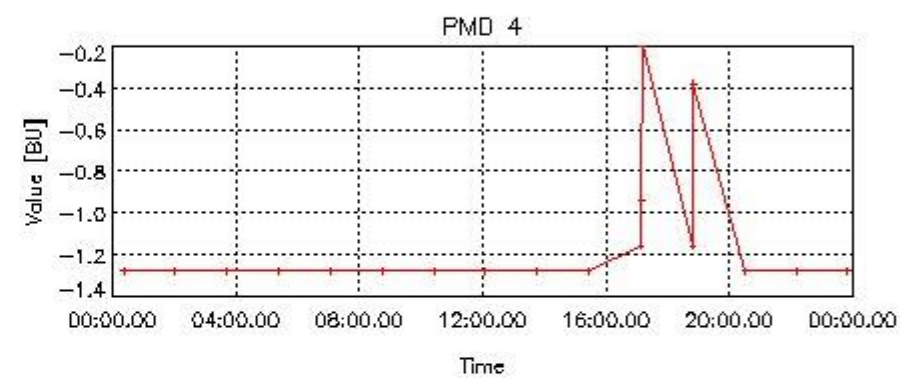
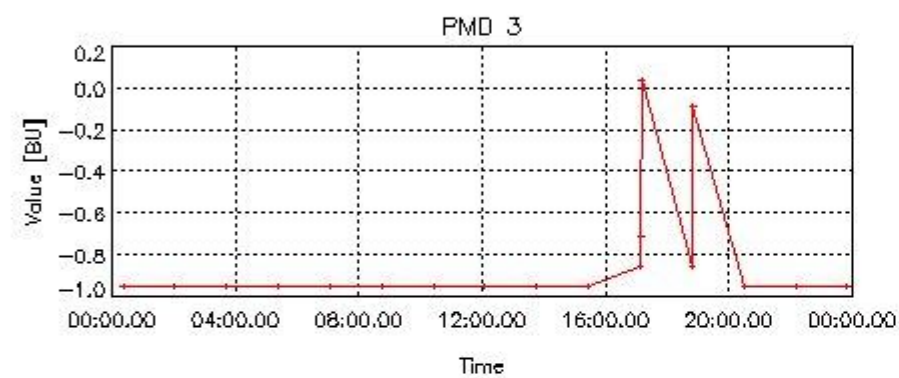
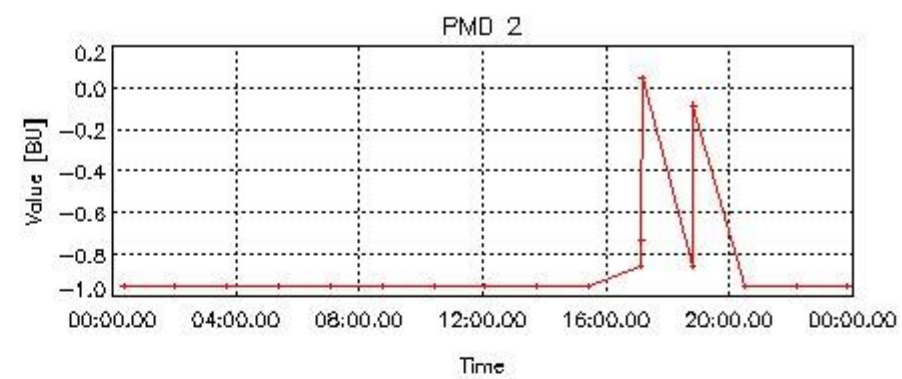
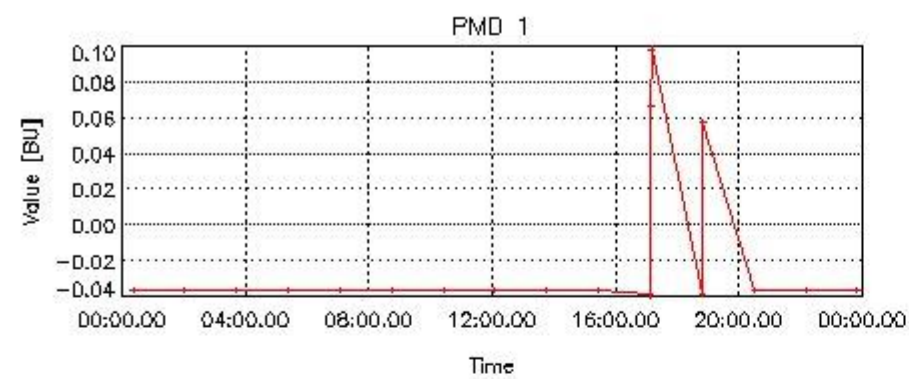
3	02APR2008 05:23:28	00	O1	-29.9024 -29.9024	-11.7854 -11.7854	0.00000 0.00000	0.00997283 0.00997283
4	02APR2008 07:04:03	00	O1	-29.9096 -29.9096	-11.7846 -11.7846	0.00000 0.00000	0.00997454 0.00997454
5	02APR2008 08:44:39	00	O1	-29.9164 -29.9164	-11.7843 -11.7843	0.00000 0.00000	0.00997598 0.00997598
6	02APR2008 10:25:14	00	O1	-29.9232 -29.9232	-11.7843 -11.7843	0.00000 0.00000	0.00997733 0.00997733
7	02APR2008 12:05:49	00	O1	-29.9298 -29.9298	-11.7846 -11.7846	0.00000 0.00000	0.00997856 0.00997856
8	02APR2008 13:46:25	00	O1	-29.9357 -29.9357	-11.7850 -11.7850	0.00000 0.00000	0.00997957 0.00997957
9	02APR2008 15:27:00	00	O1	-29.9417 -29.9417	-11.7888 -11.7888	0.00000 0.00000	0.00998003 0.00998003
10	02APR2008 17:07:36	00	O1	-29.7609 -29.7609	-12.5808 -12.5808	0.00000 0.00000	0.00982026 0.00982026
11	02APR2008 17:08:57	00	O1	-29.8267 -29.8267	-11.9369 -11.9369	0.00000 0.00000	0.00993363 0.00993363
12	02APR2008 17:09:35	00	D1 E1	-30.0919 -30.0919	-15.0000 -15.0000	21.7090 21.7090	0.0101675 0.0101675
13	02APR2008 18:48:12	00	O1	-29.7680 -29.7680	-12.5798 -12.5798	0.00000 0.00000	0.00982199 0.00982199
14	02APR2008 18:50:10	00	D0 A0	-1.99928 -1.99928	-11.2550 -11.2550	21.7090 21.7090	0.0101690 0.0101690
15	02APR2008 20:28:47	00	O1	-29.9632 -29.9632	-11.7872 -11.7872	0.00000 0.00000	0.00998485 0.00998485
16	02APR2008 22:09:23	00	O1	-29.9703 -29.9703	-11.7867 -11.7867	0.00000 0.00000	0.00998641 0.00998641
17	02APR2008 23:49:58	00	O1	-29.9778 -29.9778	-11.7864 -11.7864	0.00000 0.00000	0.00998799 0.00998799

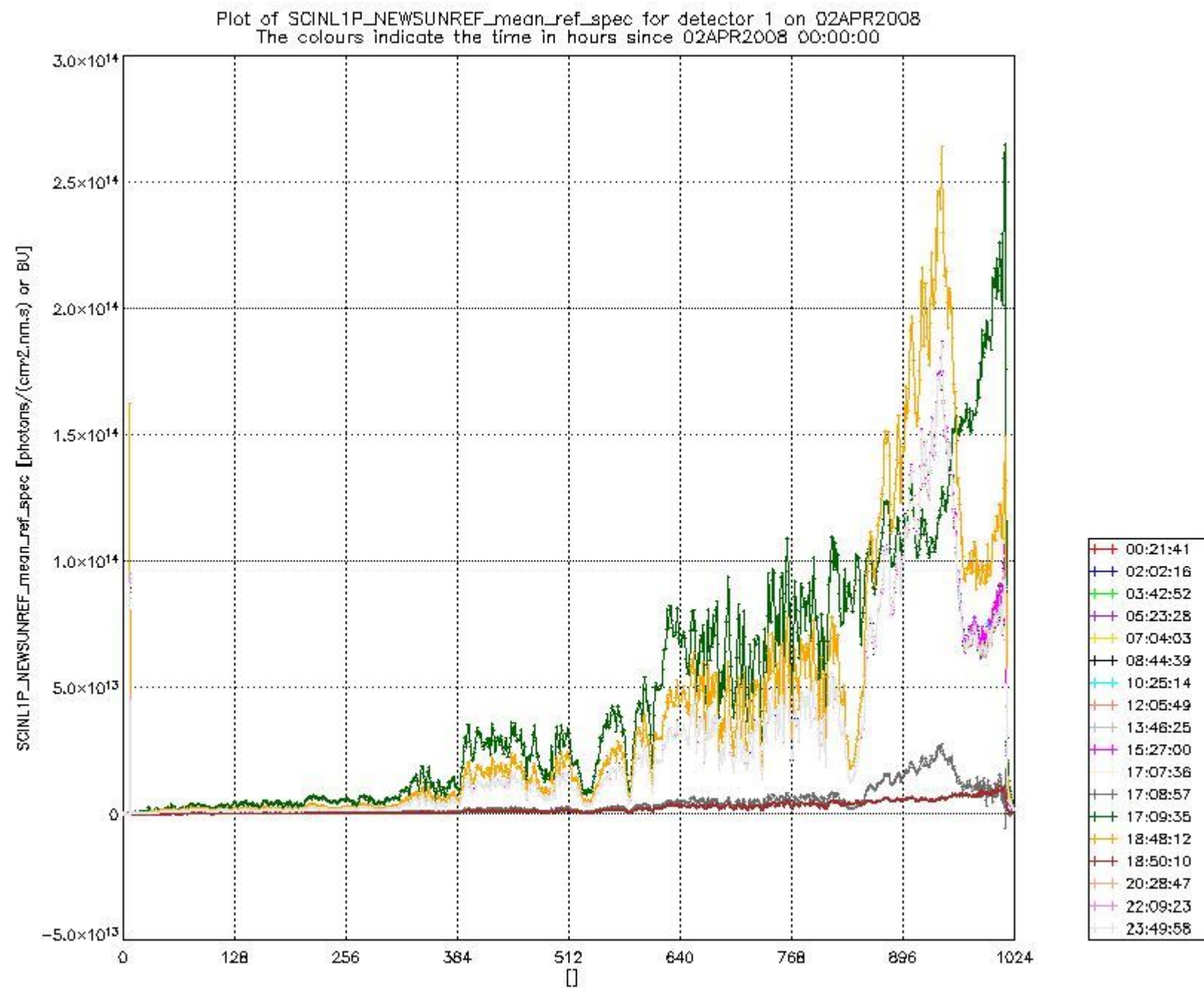
Plot of SCINL1P_NEWSUNREF_mean_pmd versus time

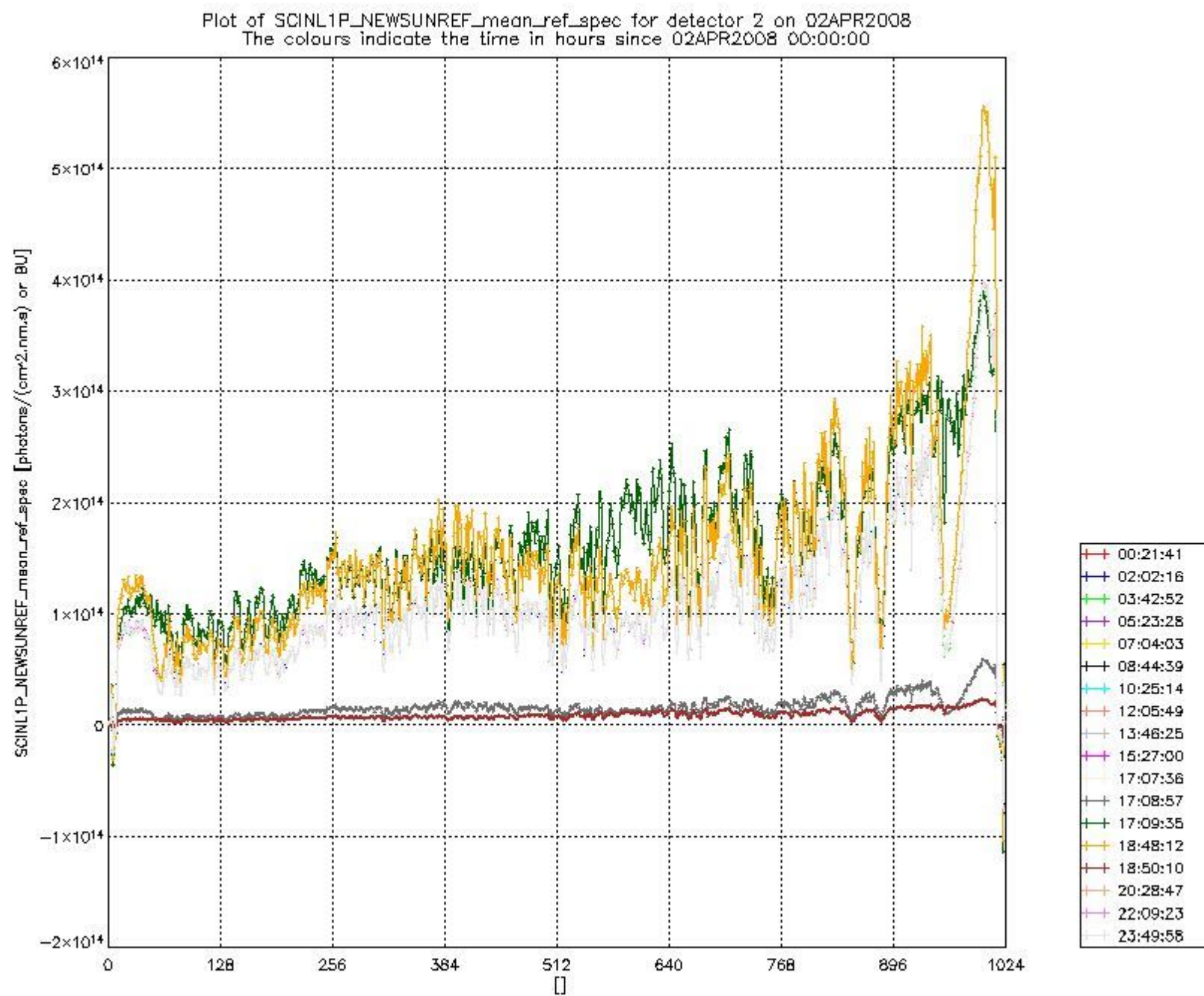


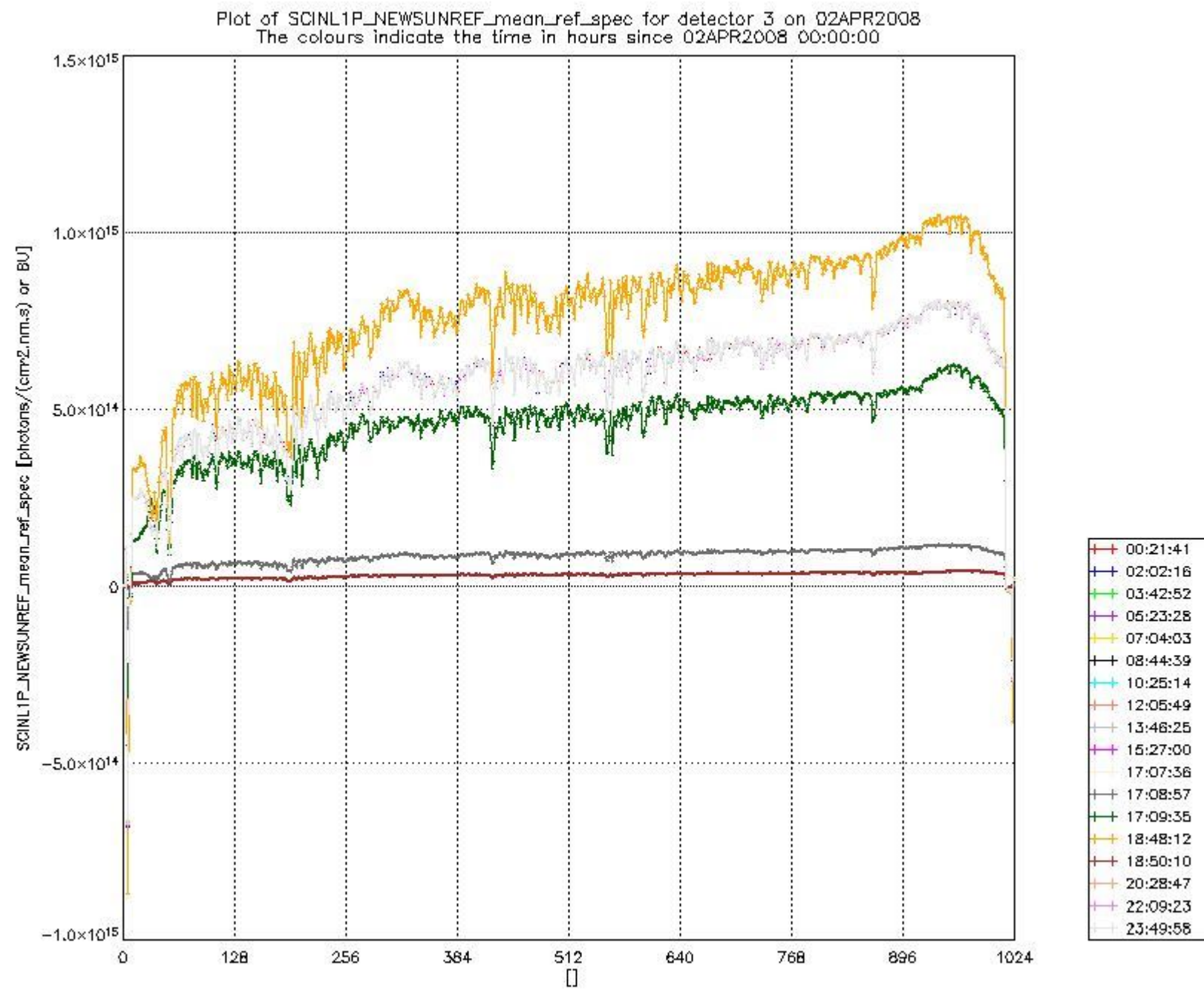
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_31.PNG

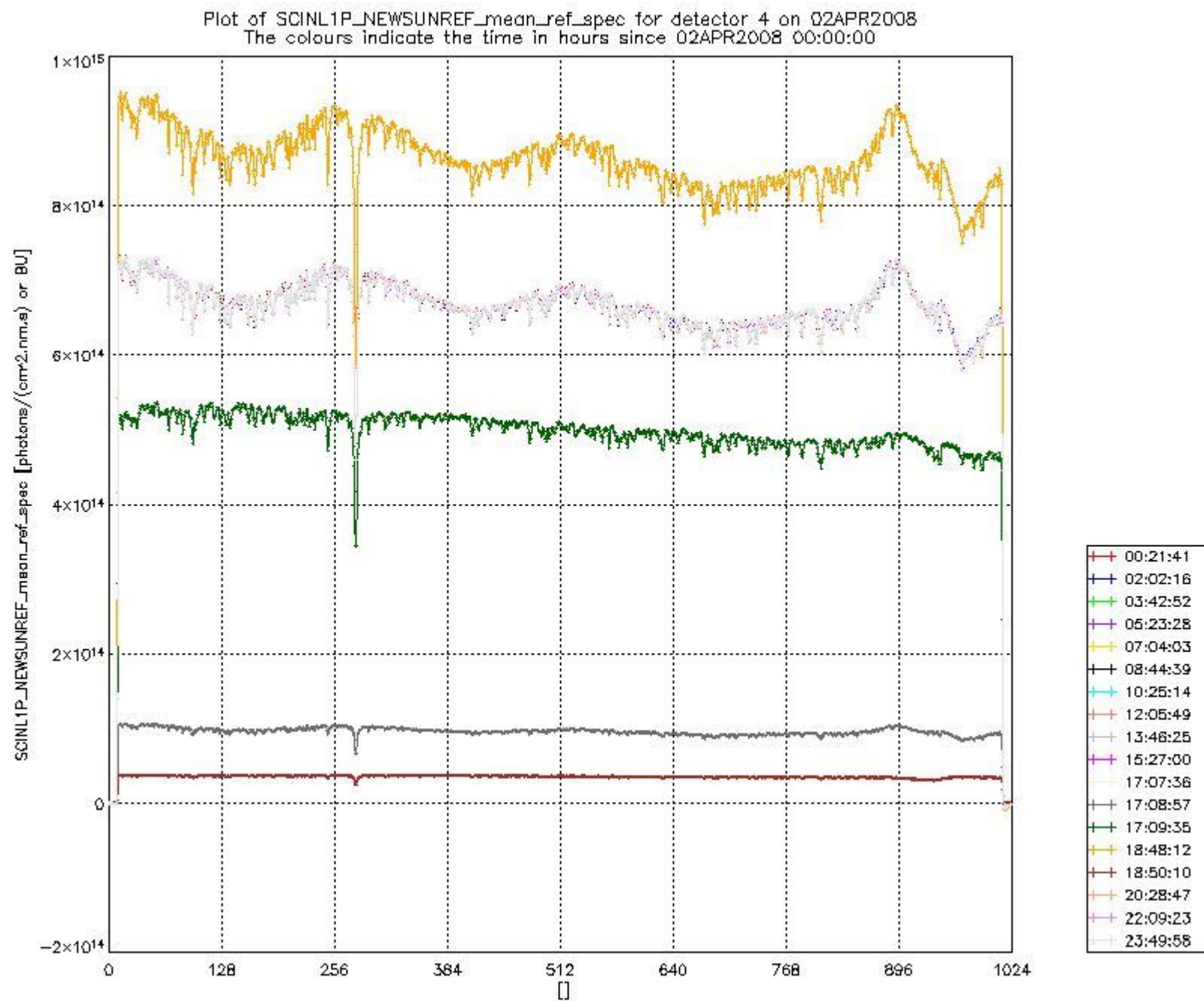
Plot of SCINL1P_NEWSUNREF_pmd_out versus time

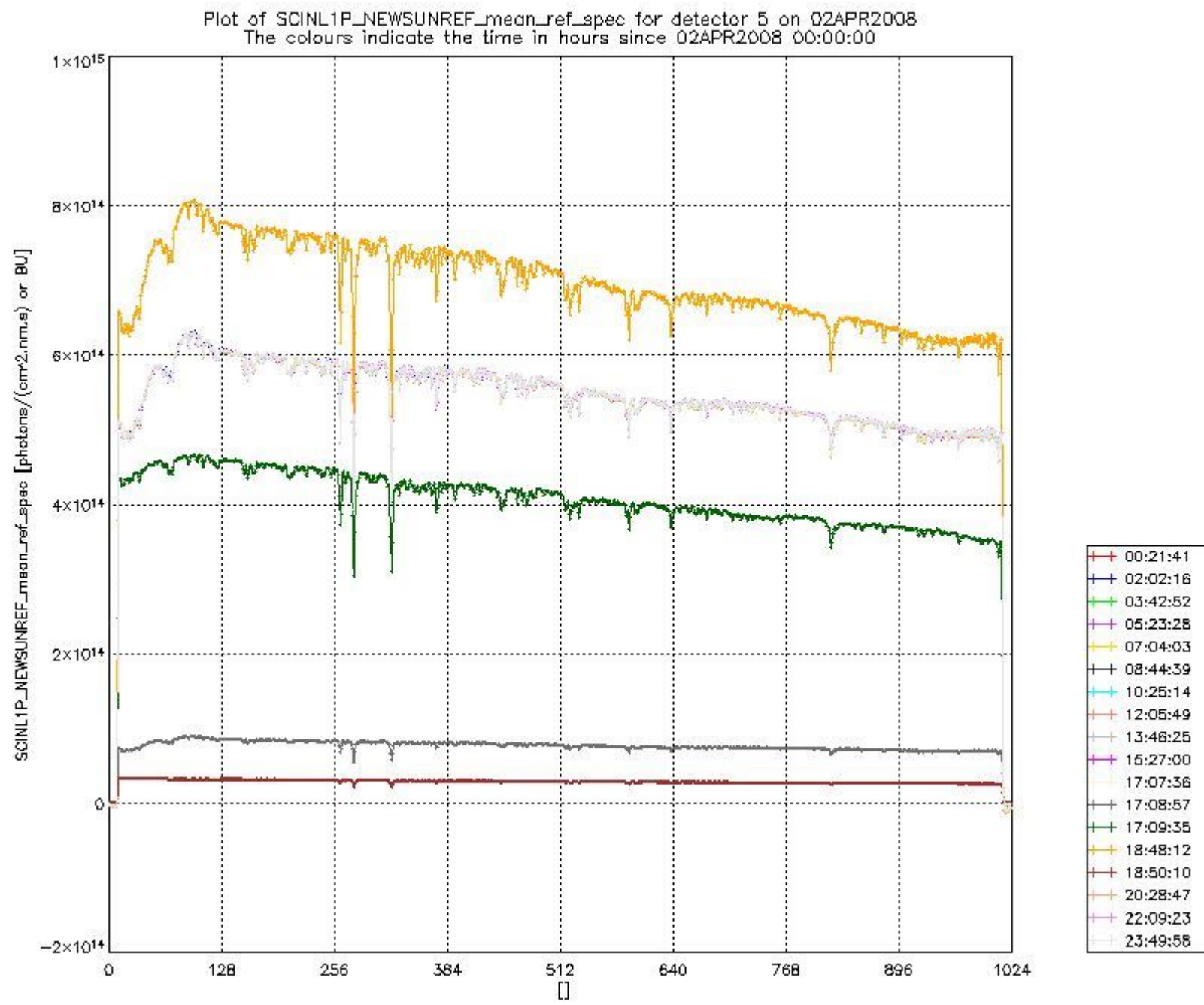


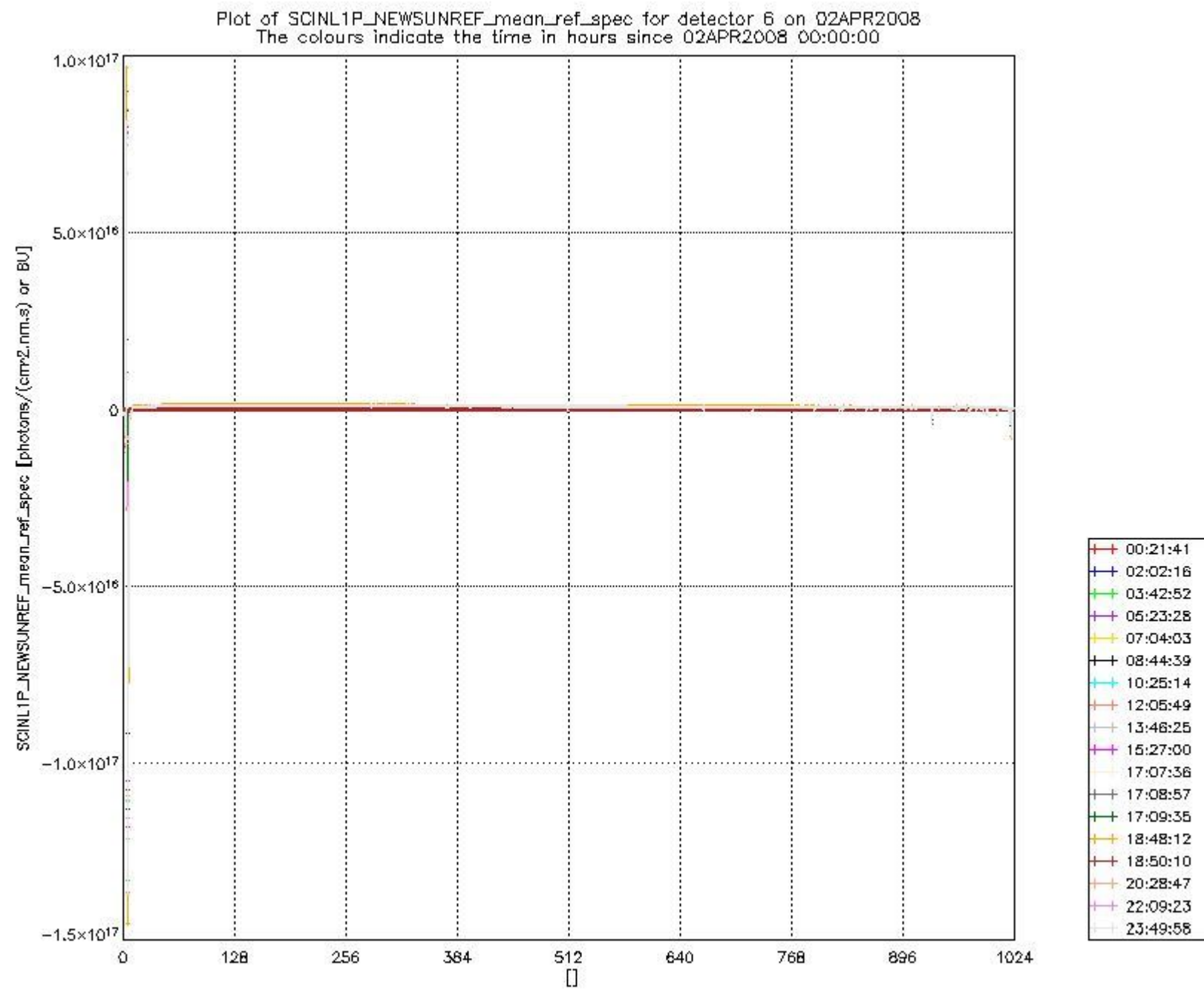


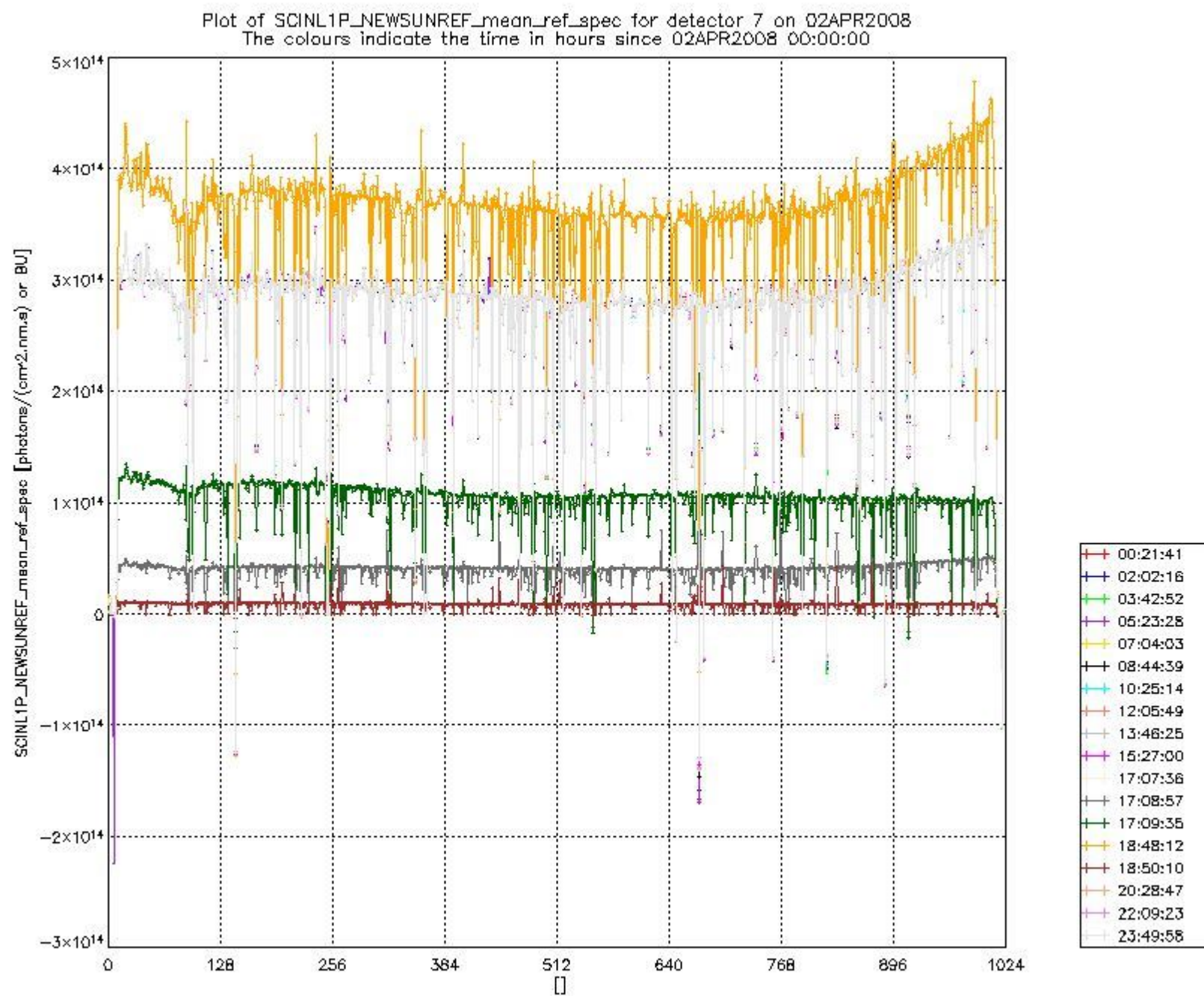


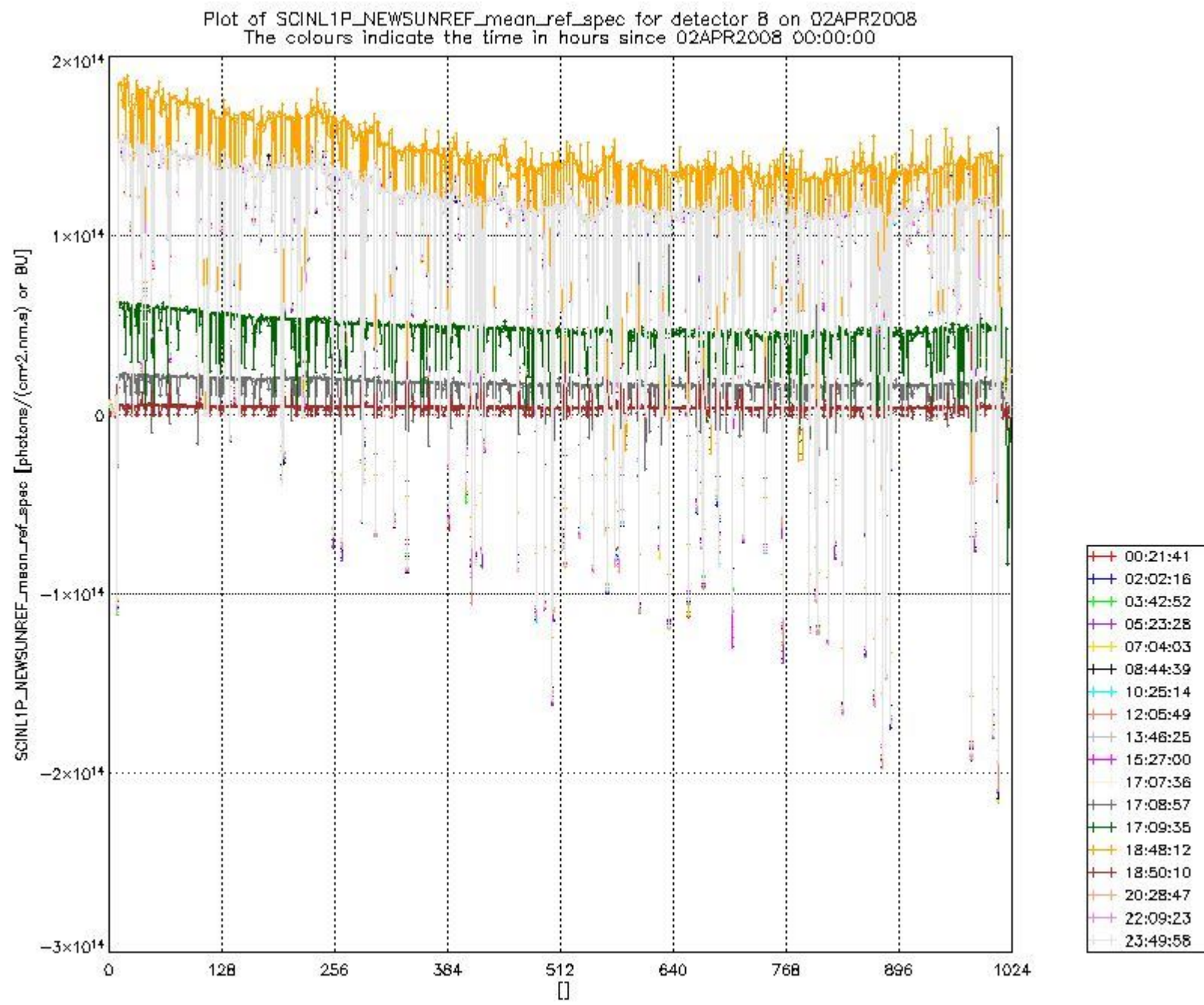




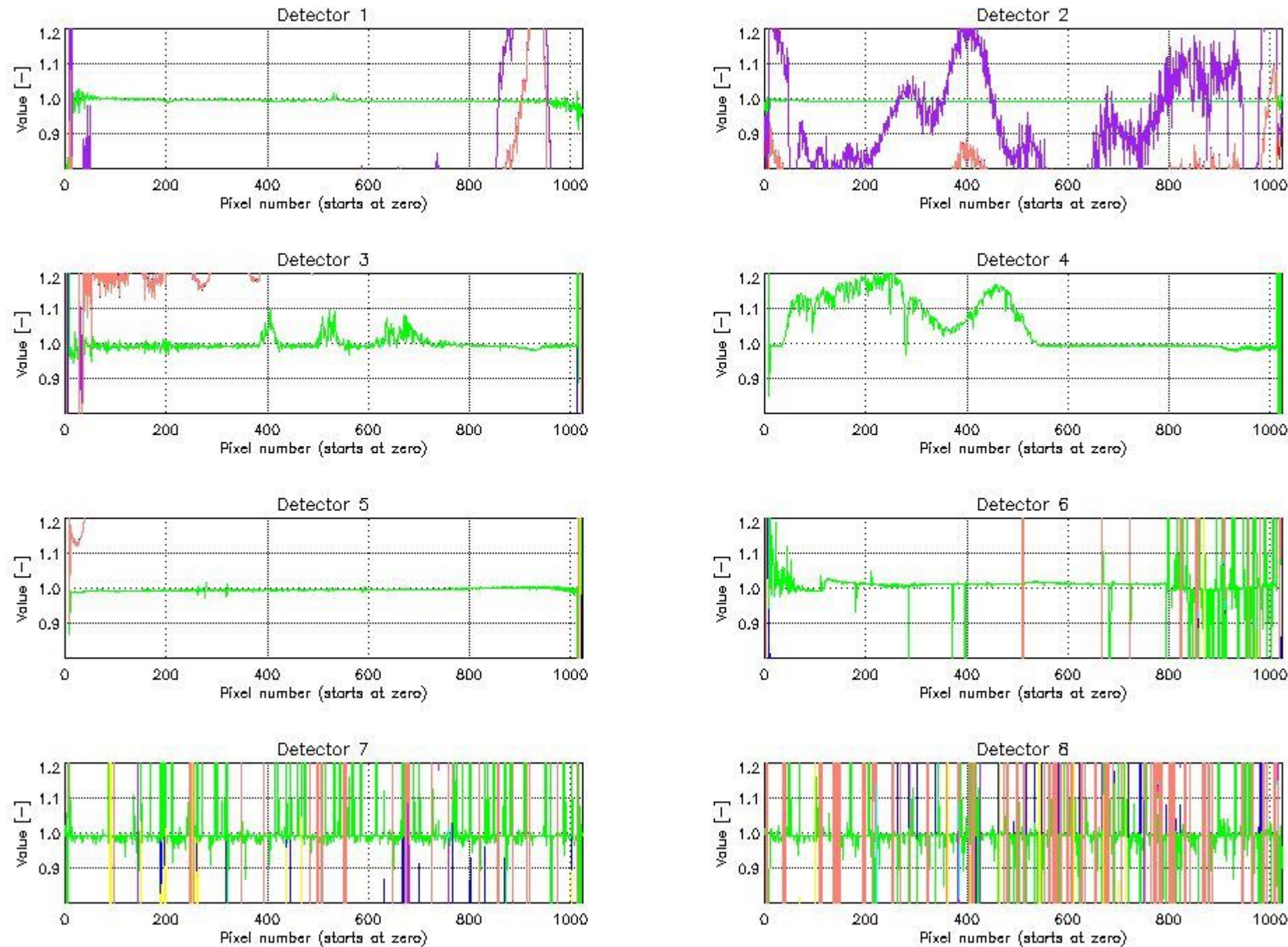








Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCI_SU1_AXVIEC20080401_030840_20080329_173824_20080413_191859



sciamachy_daily_report_level1_SCIA_6_03_N_20080402_41.PNG

1.2.5 PPG and Etalon parameters

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

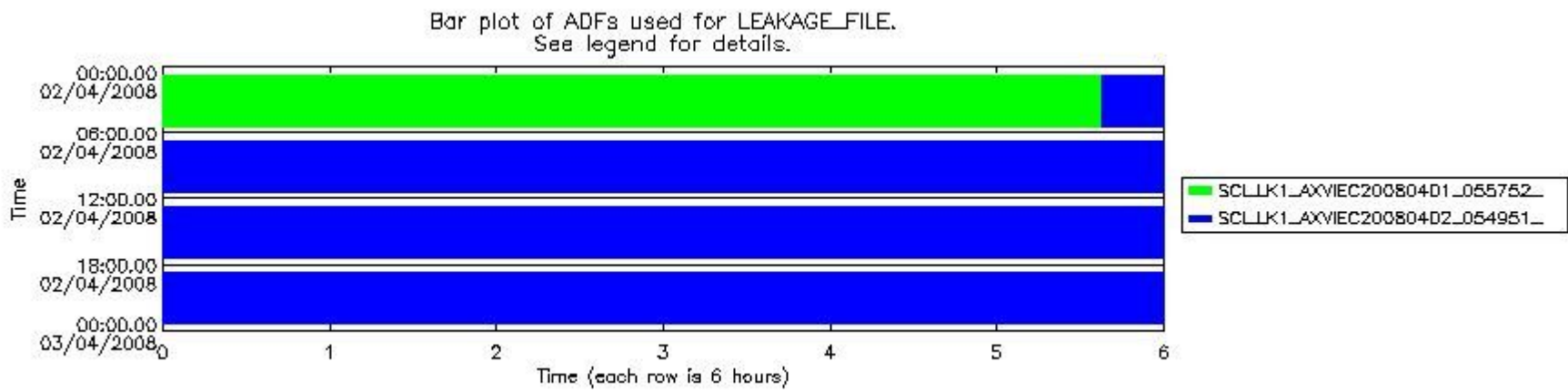
1.3 ADF monitoring

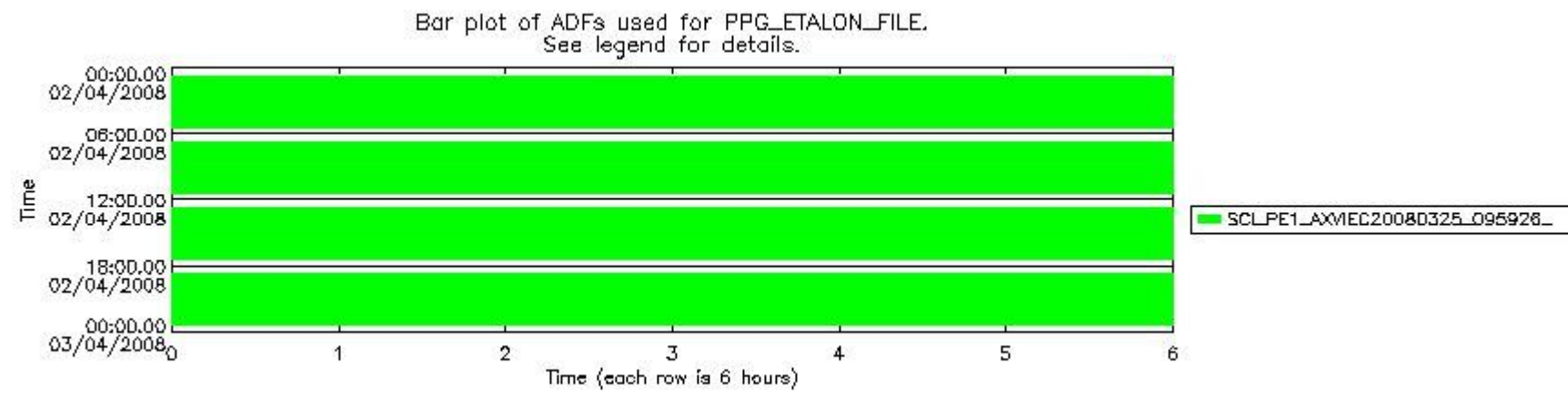
This section shows the (variation in) ADFs used for each of the products. It consists of:

- 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.

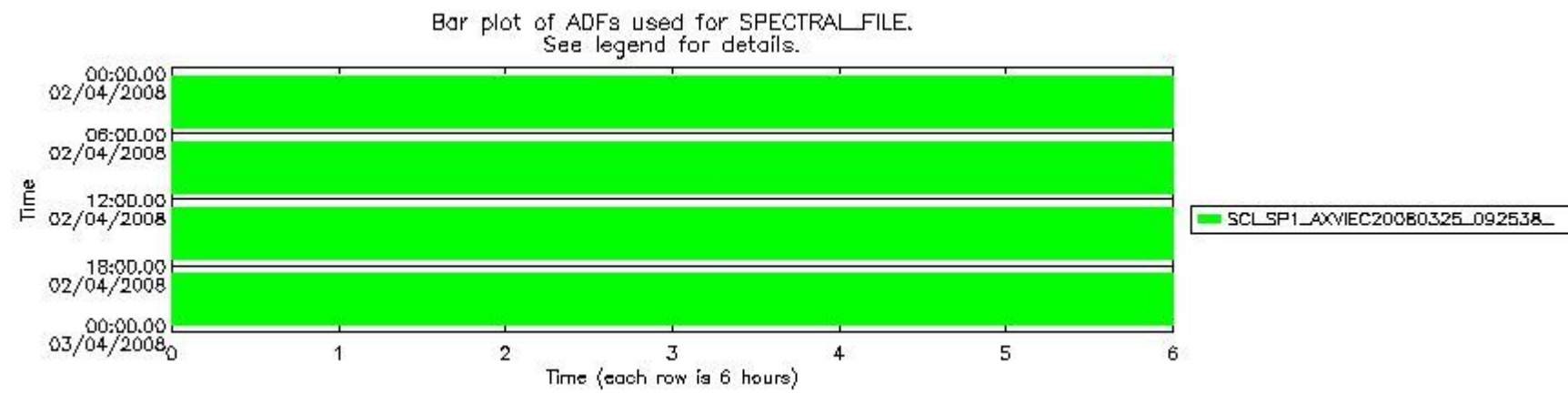
No new ADFs available

Number	ADF
	LK1 (LEAKAGE_FILE)
0	SCI_LK1_AXVIEC20080401_055752_20080329_173824_20080528_191859
1	SCI_LK1_AXVIEC20080402_054951_20080330_135217_20080529_153048
	PE1 (PPG_ETALON_FILE)
2	SCI_PE1_AXVIEC20080325_095926_20080320_172212_20990101_000000
	SP1 (SPECTRAL_FILE)
3	SCI_SP1_AXVIEC20080325_092538_20080320_203845_20080618_222427
	SU1 (SUN_REF_FILE)
4	SCI_SU1_AXVIEC20080401_030840_20080329_173824_20080413_191859
	KD1 (KEY_DATA_FILE)
5	SCI_KD1_AXVIEC20060523_182626_20020301_000000_20991231_235959
	MF1 (M_FACTOR_FILE)
6	SCI_MF1_AXVIEC20020809_094925_20020206_173831_20991231_235959
	LI1 (INIT_FILE)
7	SCI_LI1_AXVIEC20070628_134108_20020701_000000_20991231_235959
	FRO (ORBIT_FILE)
8	AUX_FPO_AXVPDS20080402_010110_20080401_190703_20080411_203316
9	DOR_NAV_0PNPDE20080401_224212_000060572067_00216_31833_5334.N1
10	DOR_NAV_0PNPDE20080402_002828_000060572067_00217_31834_5335.N1
11	DOR_NAV_0PNPDE20080402_021444_000057382067_00218_31835_5336.N1
12	DOR_NAV_0PNPDE20080402_035541_000057382067_00219_31836_5337.N1
13	DOR_NAV_0PNPDE20080402_221012_000060572067_00230_31847_5338.N1
14	DOR_NAV_0PNPDK20080402_053638_000057382067_00220_31837_6473.N1
15	DOR_NAV_0PNPDK20080402_071735_000057382067_00221_31838_6474.N1
16	DOR_NAV_0PNPDK20080402_085832_000057382067_00222_31839_6475.N1
17	DOR_NAV_0PNPDK20080402_103929_000054192067_00223_31840_6476.N1
18	DOR_NAV_0PNPDK20080402_121507_000057382067_00224_31841_6477.N1
	ATT (ATTITUDE_FILE)
19	NOT USED

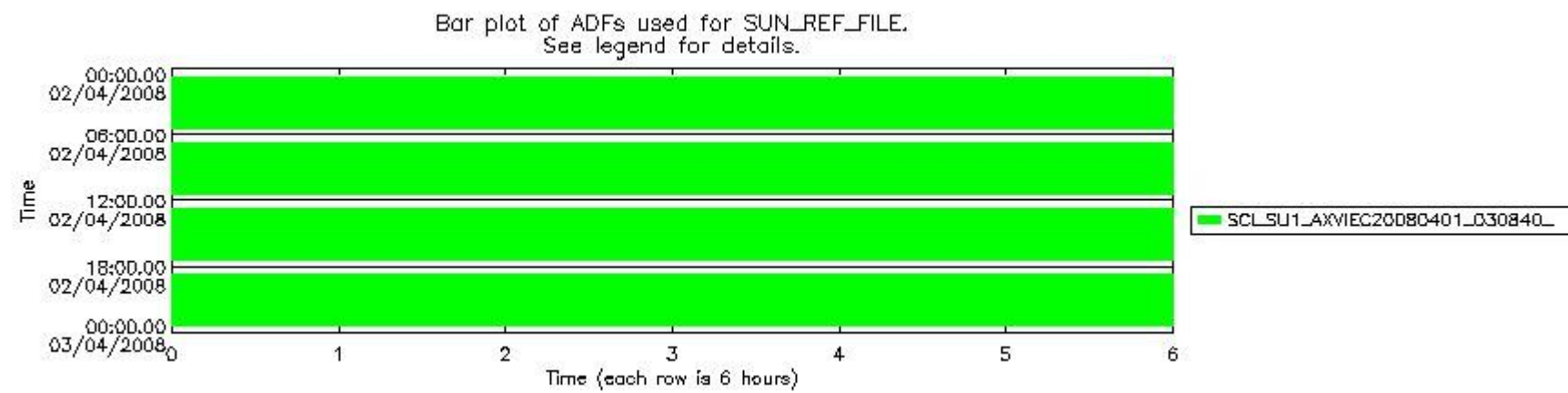




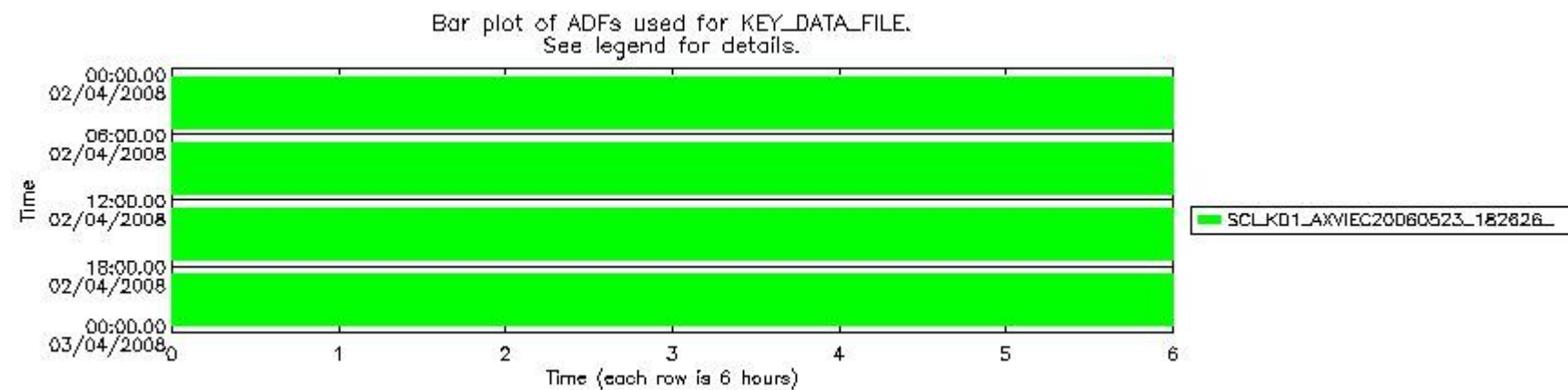
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_43.PNG



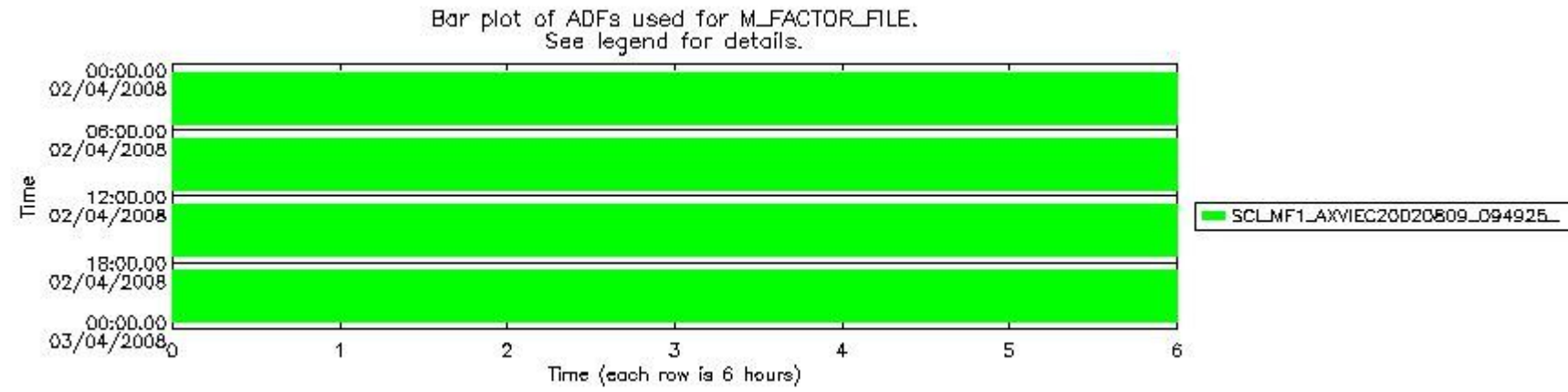
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_44.PNG



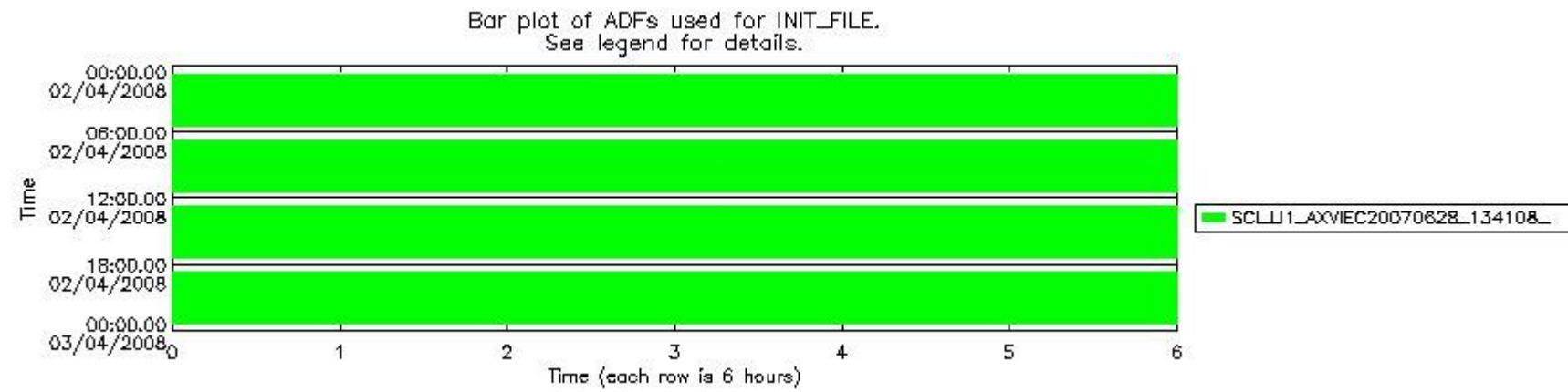
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_45.PNG



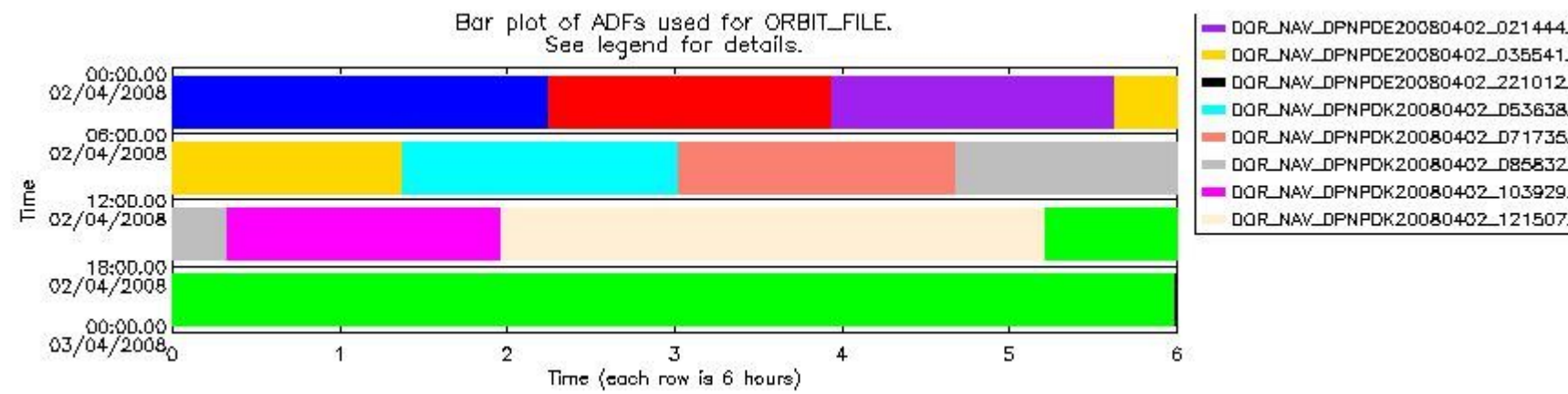
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_46.PNG



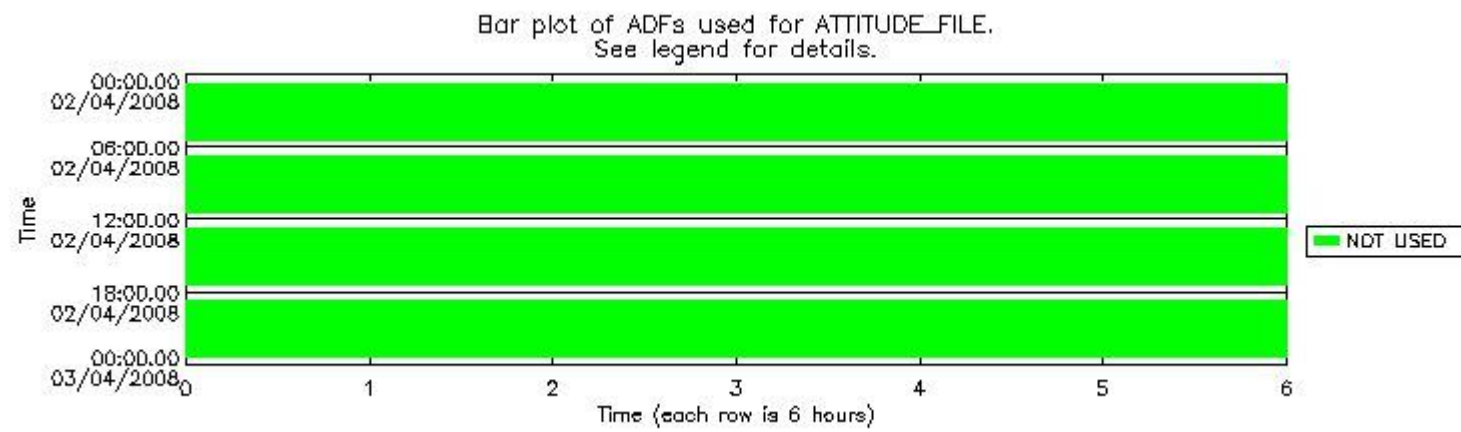
sciamachy_daily_report_level1_SCIA_6_03_N_20080402_47.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080402_48.PNG



sciamachy_daily_report_level1_SCIA_6_03_N_20080402_49.PNG

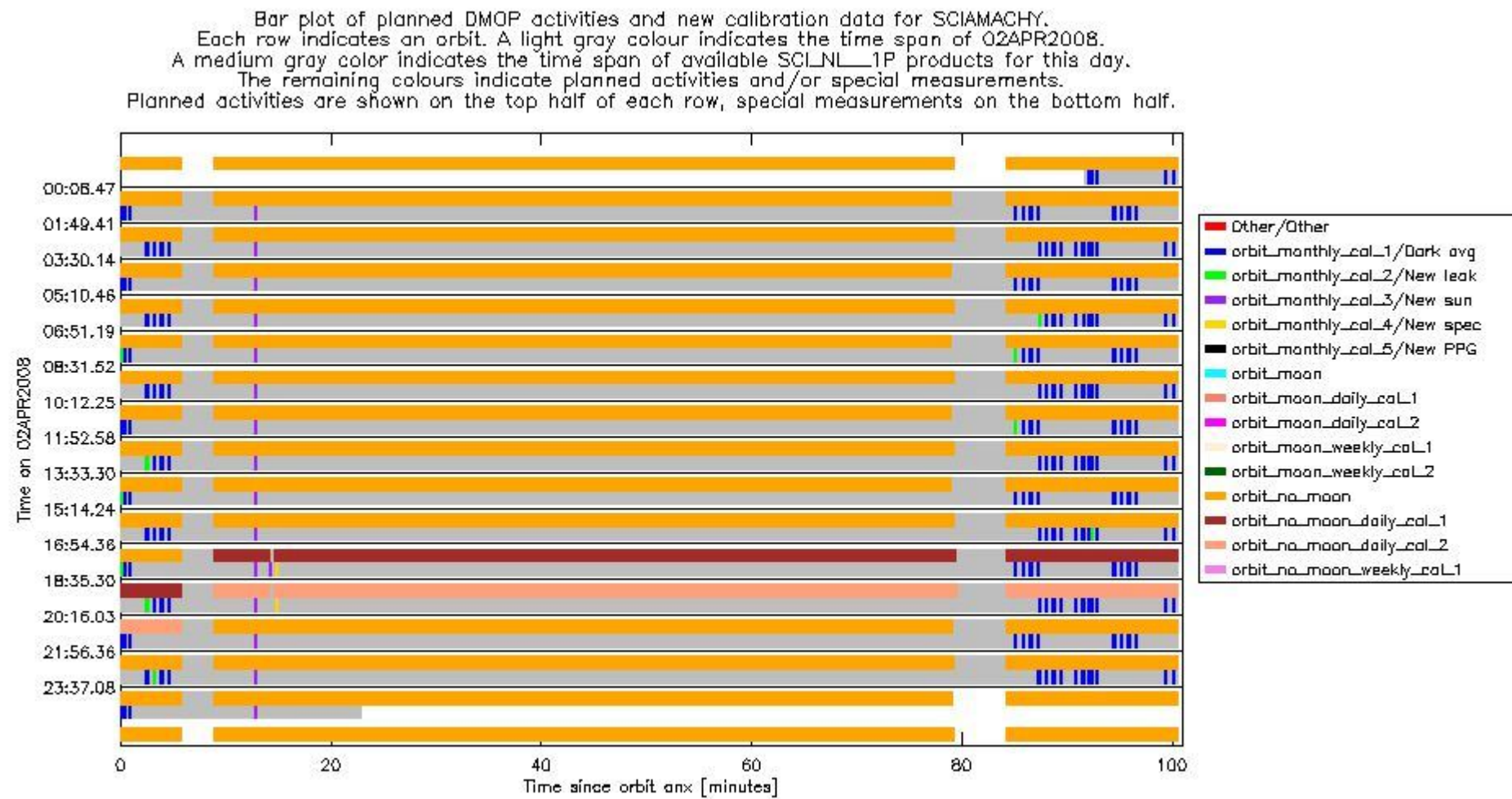


sciamachy_daily_report_level1_SCIA_6_03_N_20080402_50.PNG

1.4 DMOP execution monitoring

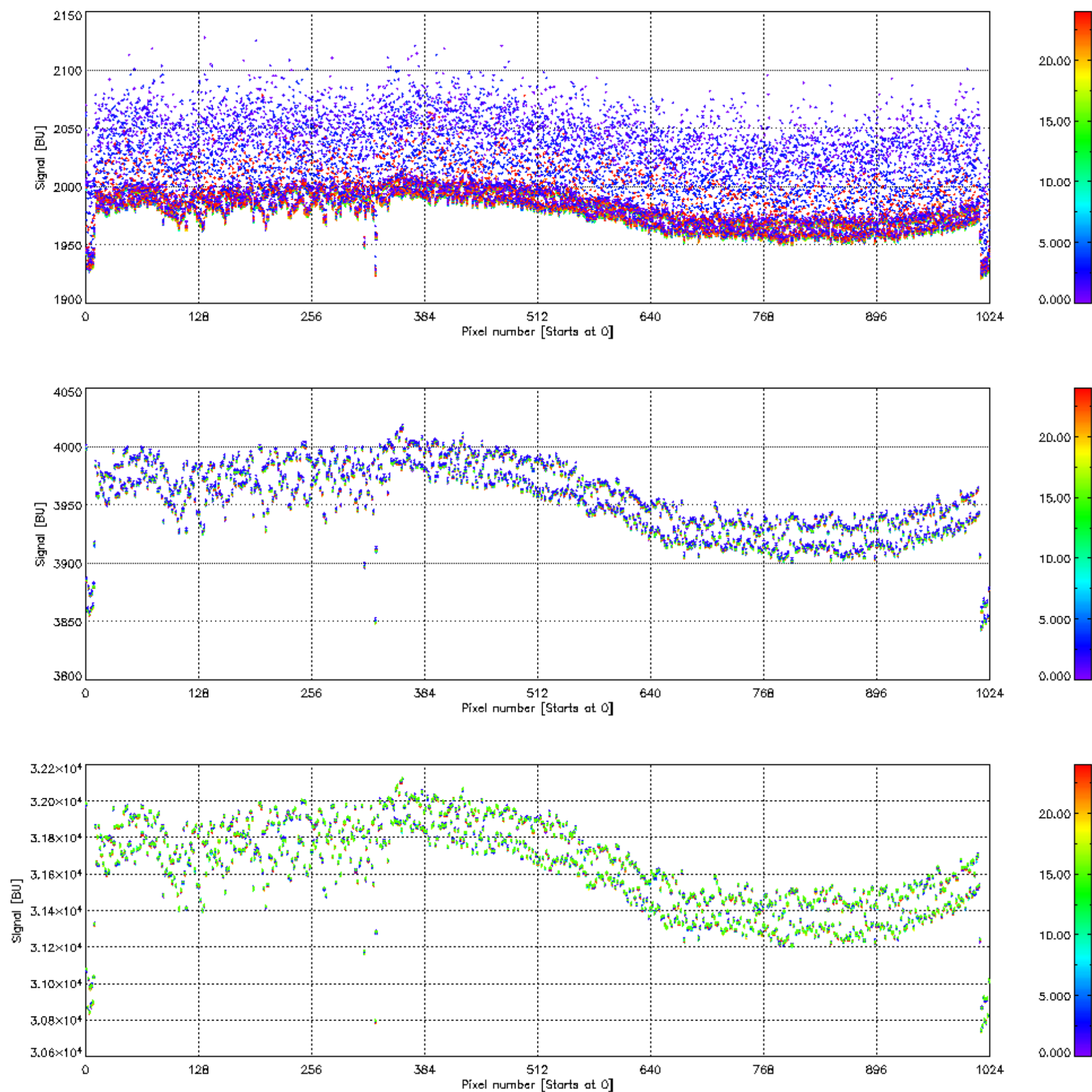
This section gives an analysis of the DMOP execution. The execution is monitored by assigning various activities to timeline sequences found in the DMOP file, and by checking where "NEW" datasets are available in SCI_NL__1P products.

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.

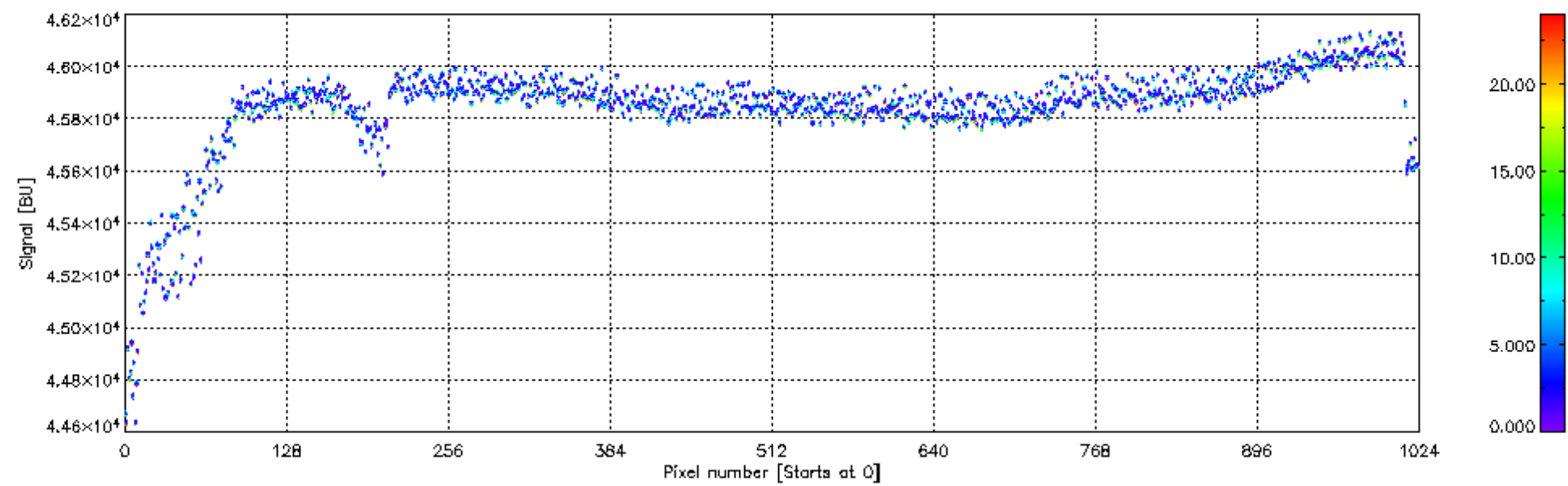
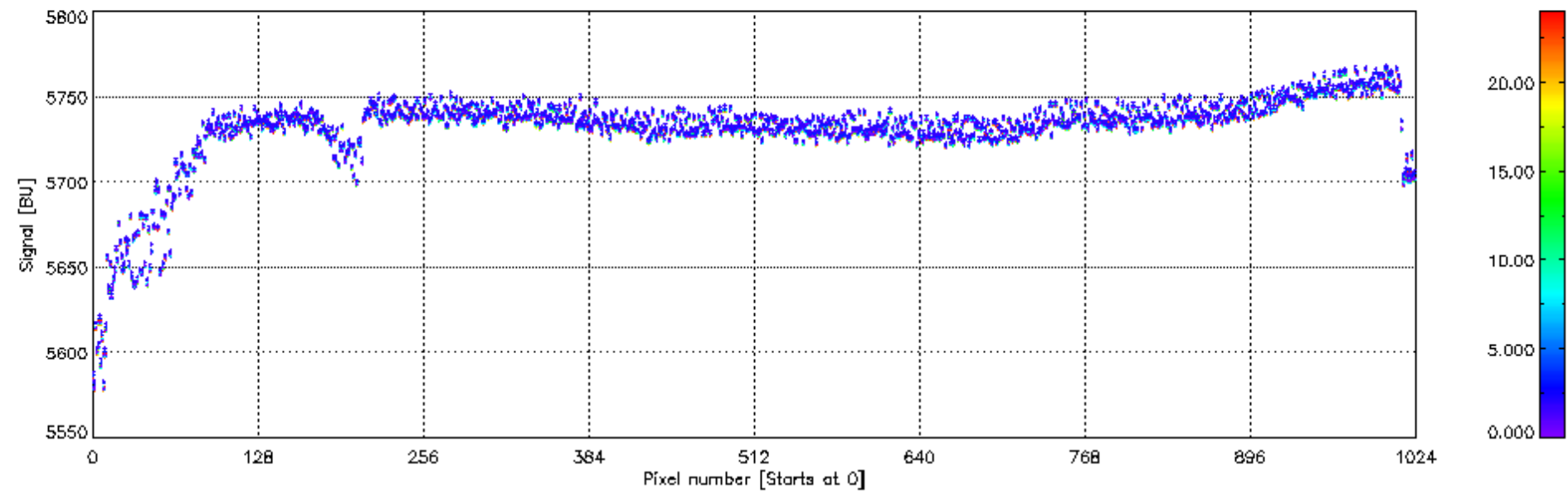
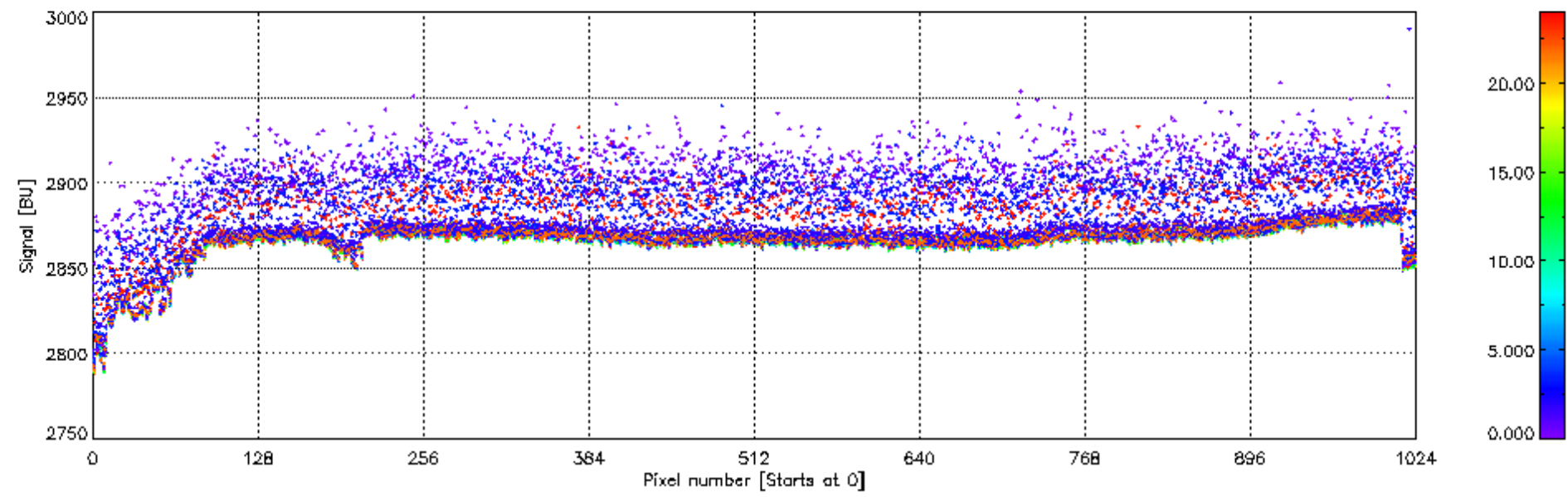


sciamachy_daily_report_level1_SCIA_6_03_N_20080402_51.PNG

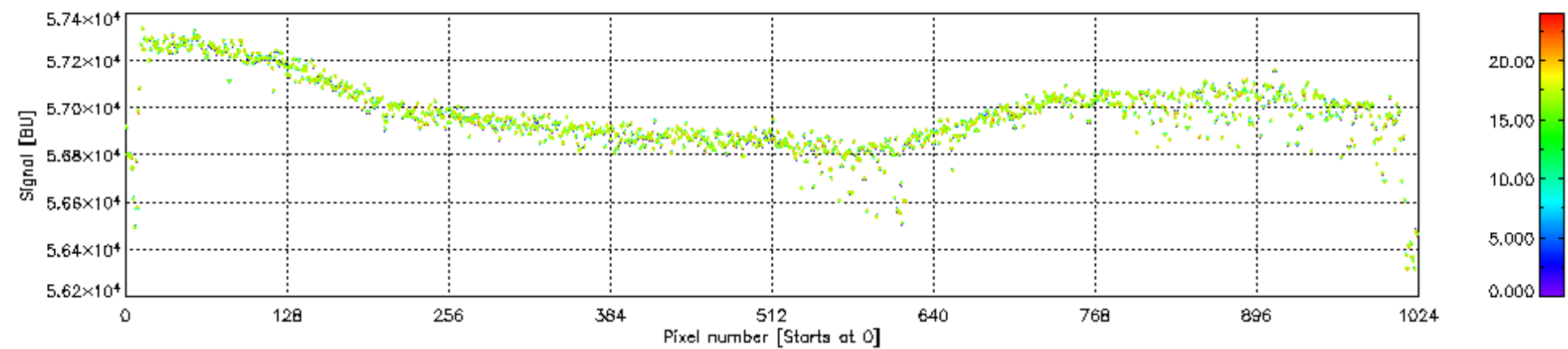
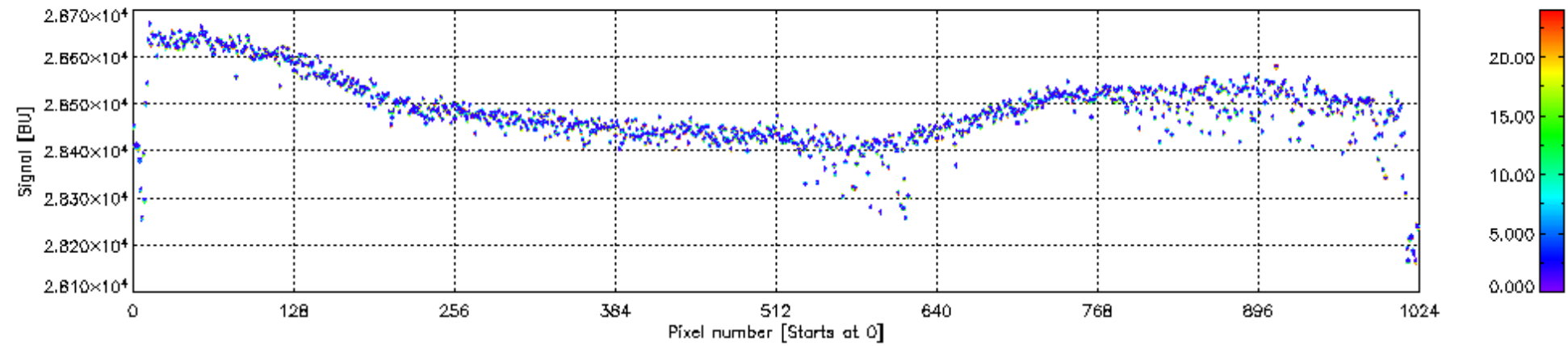
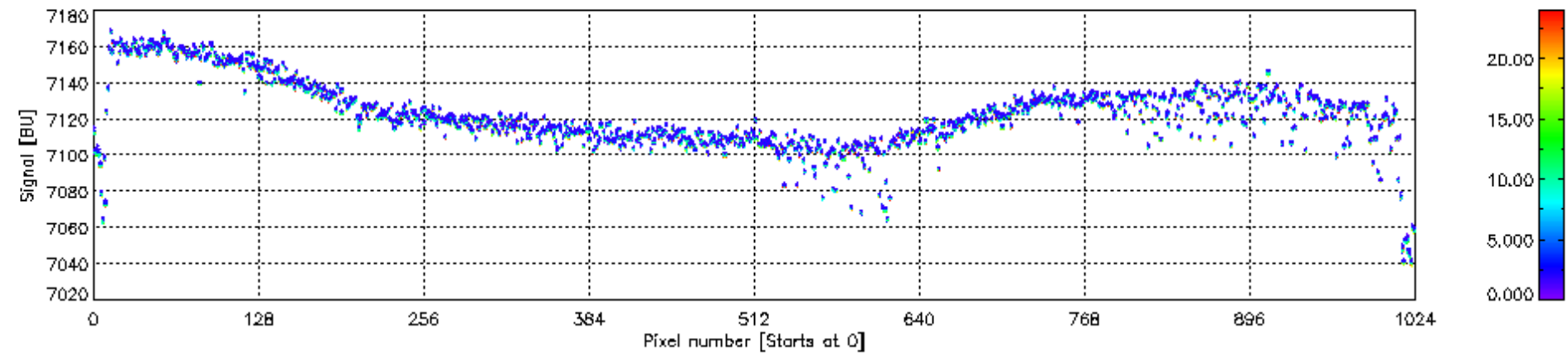
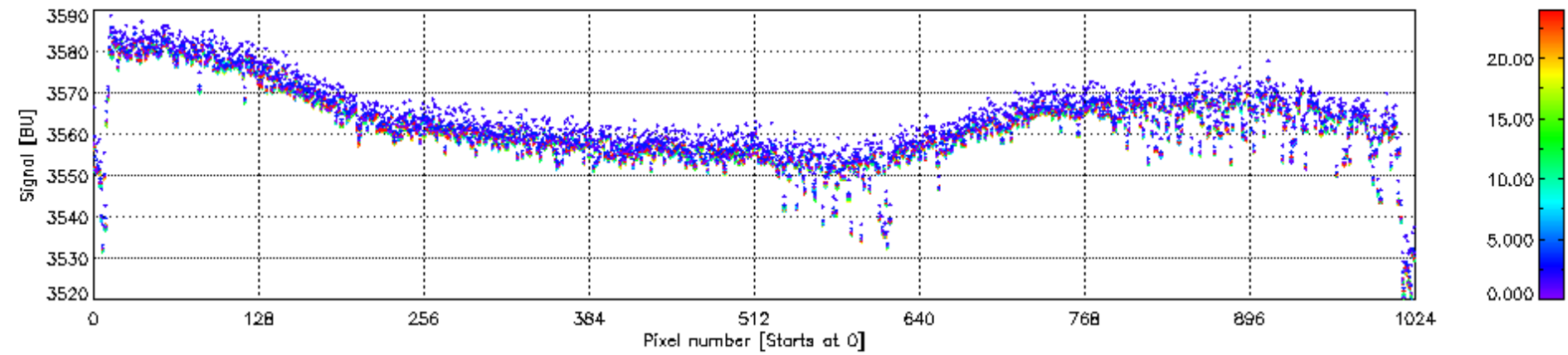
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 1 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



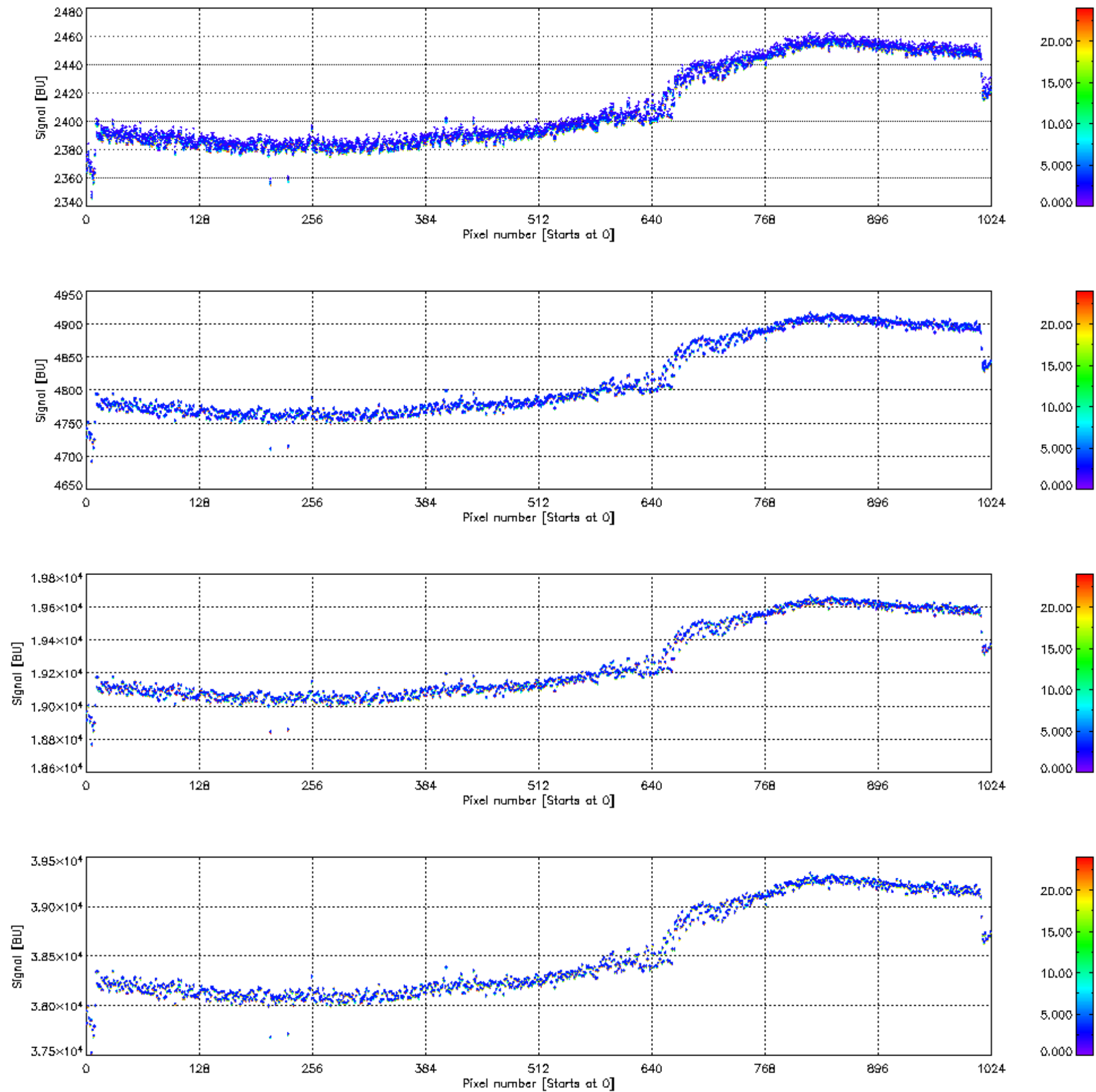
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 2 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



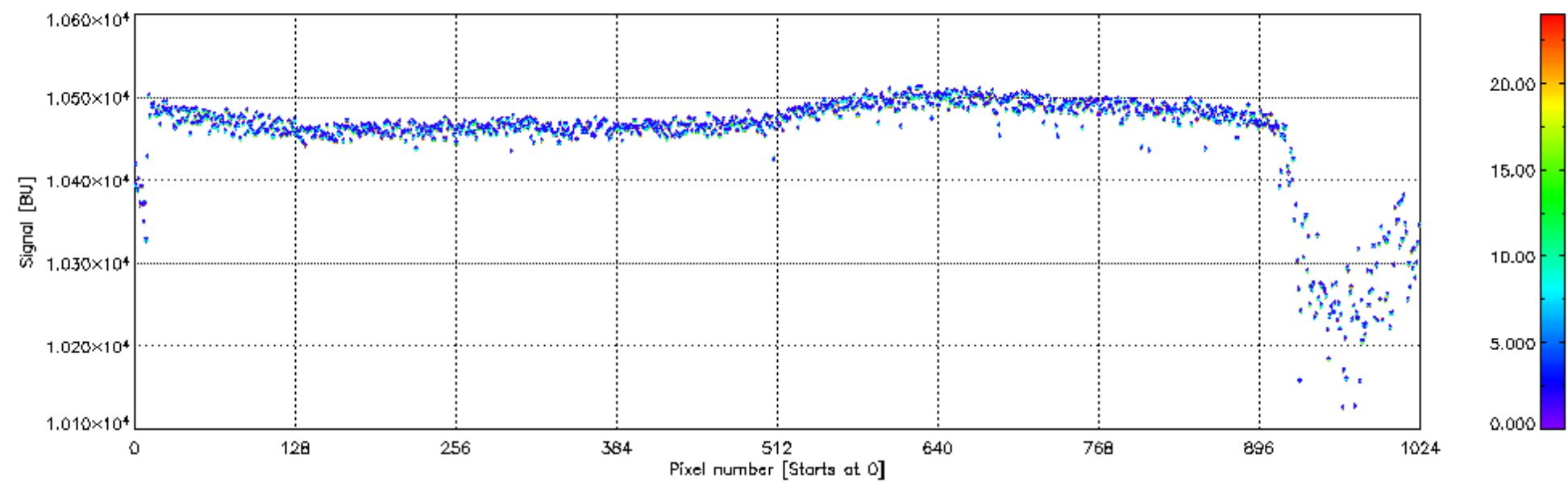
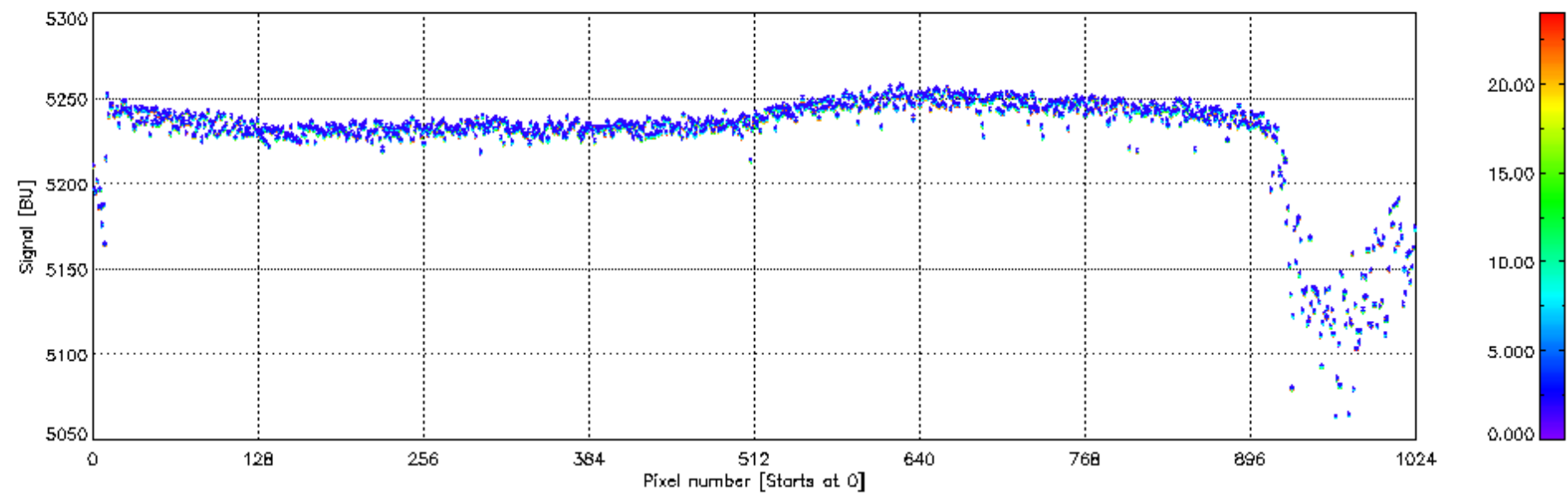
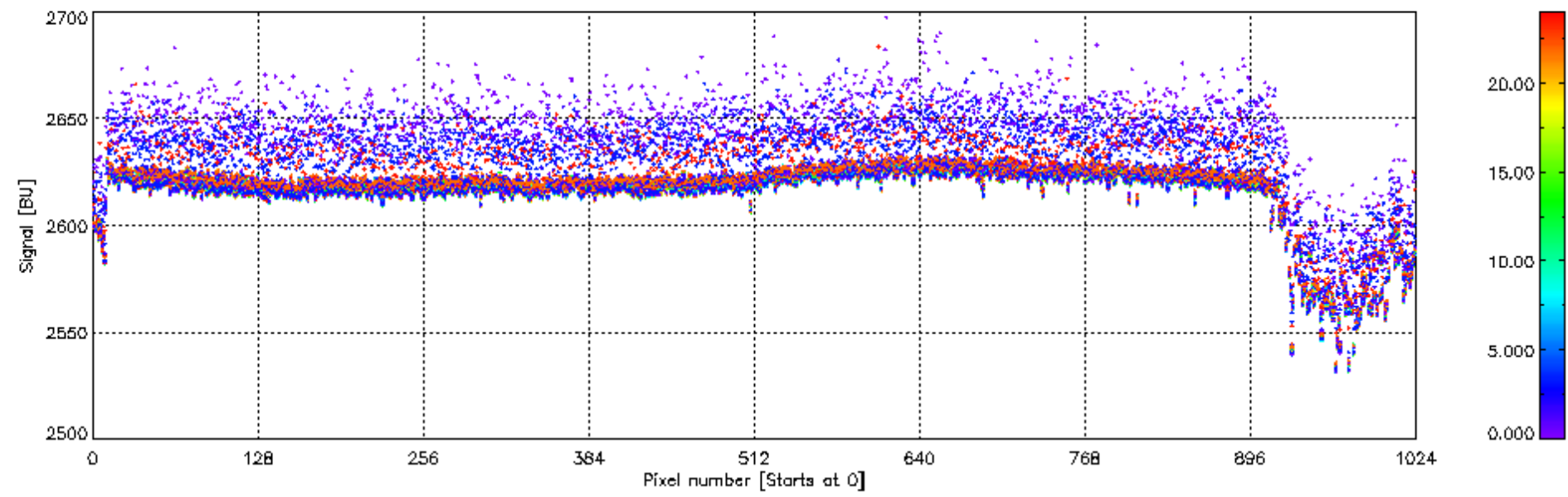
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 3 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



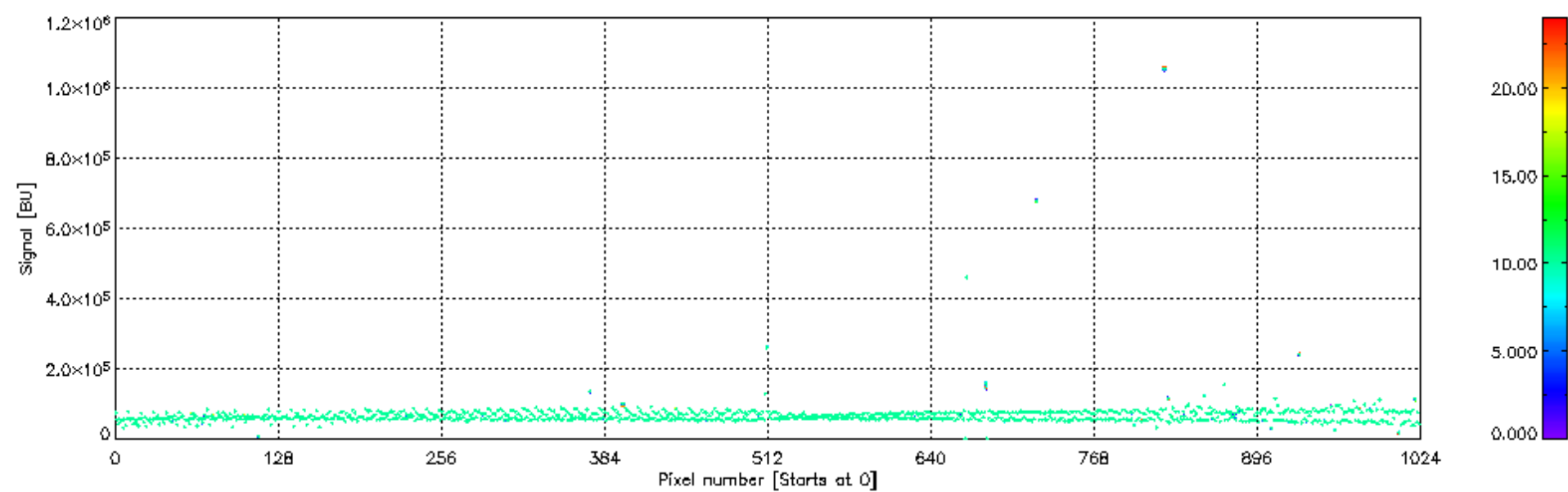
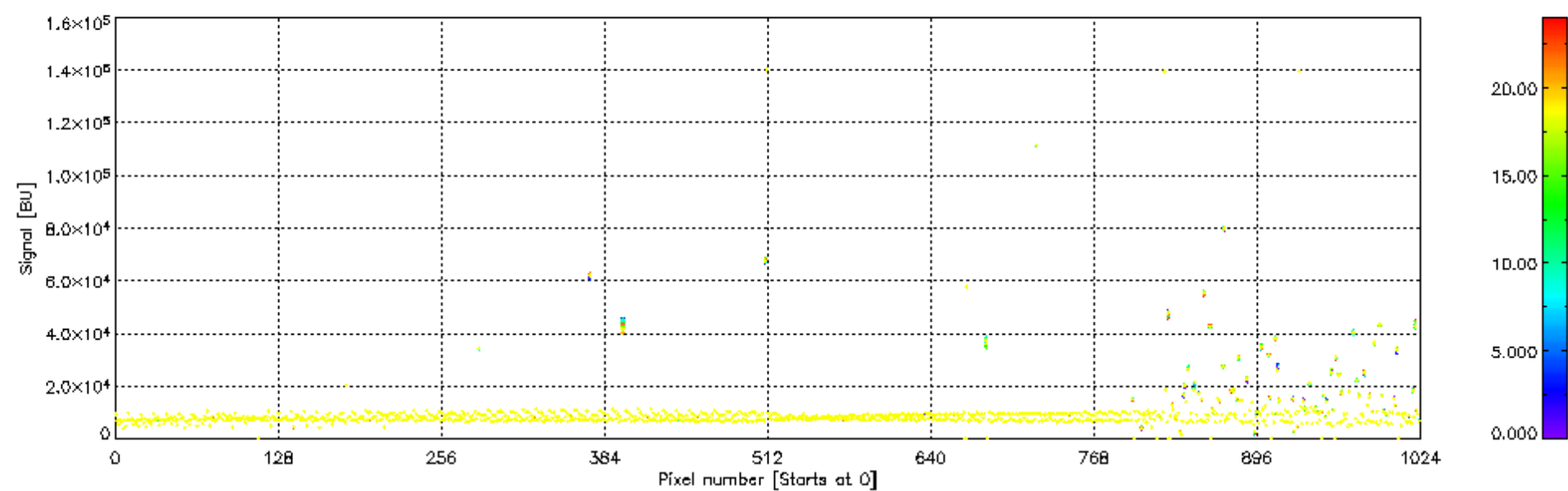
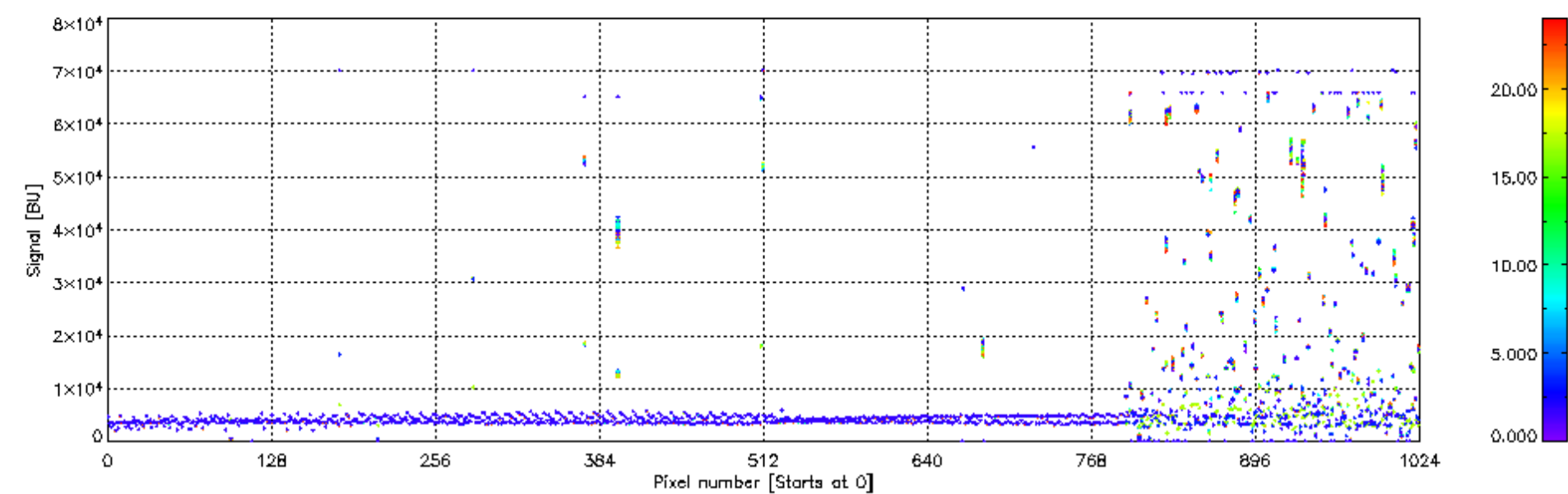
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 4 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



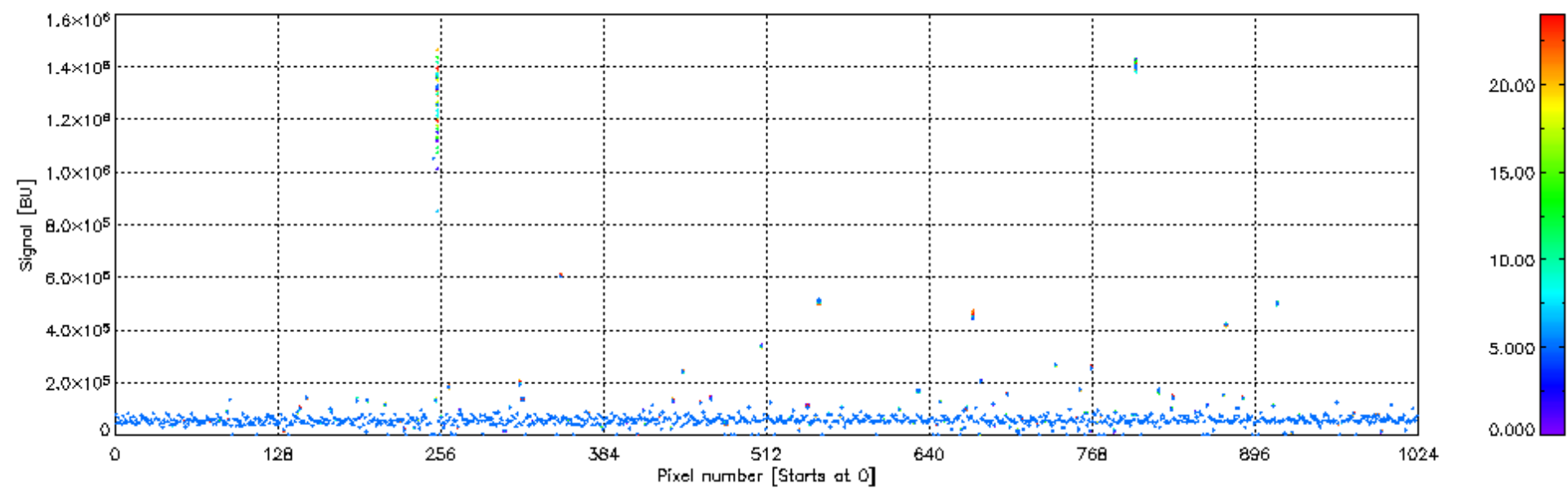
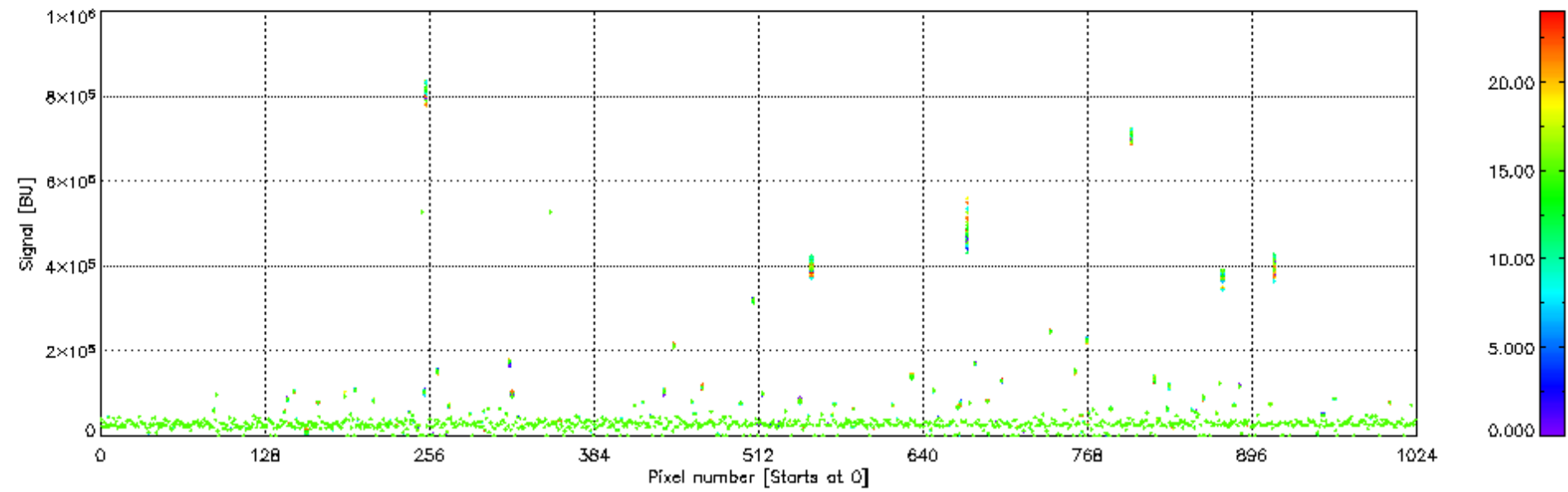
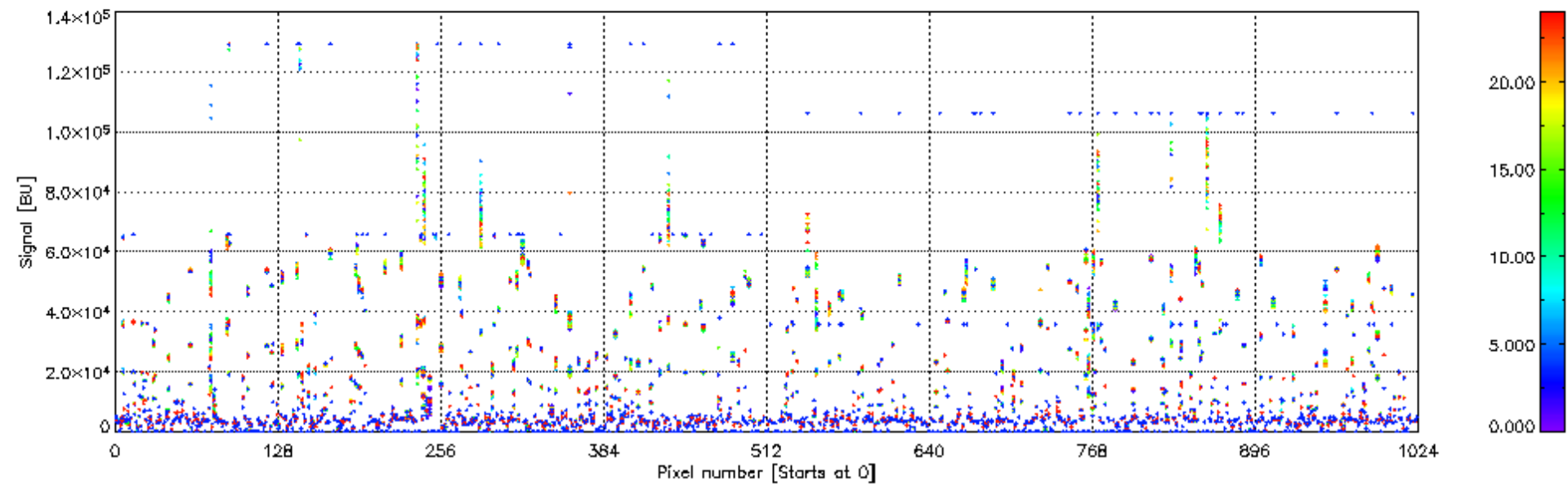
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 5 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



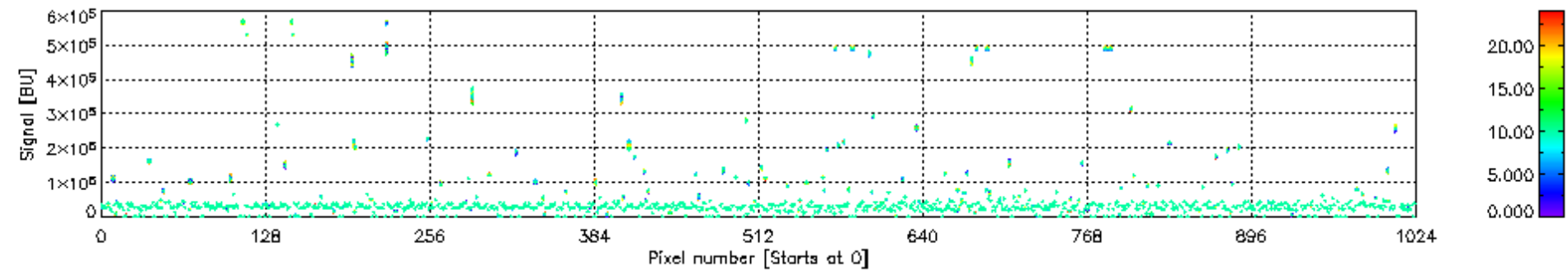
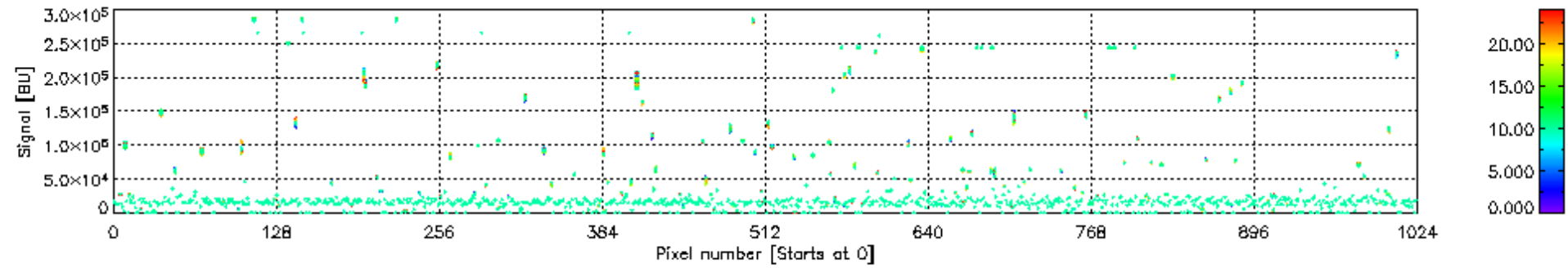
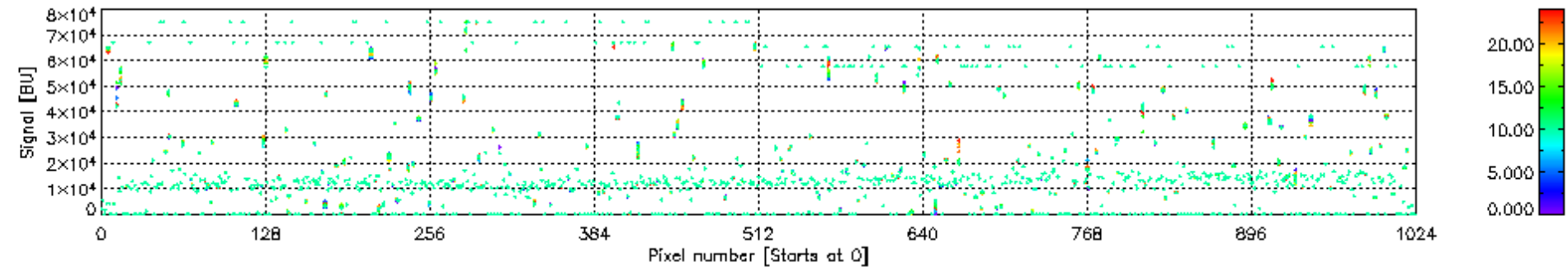
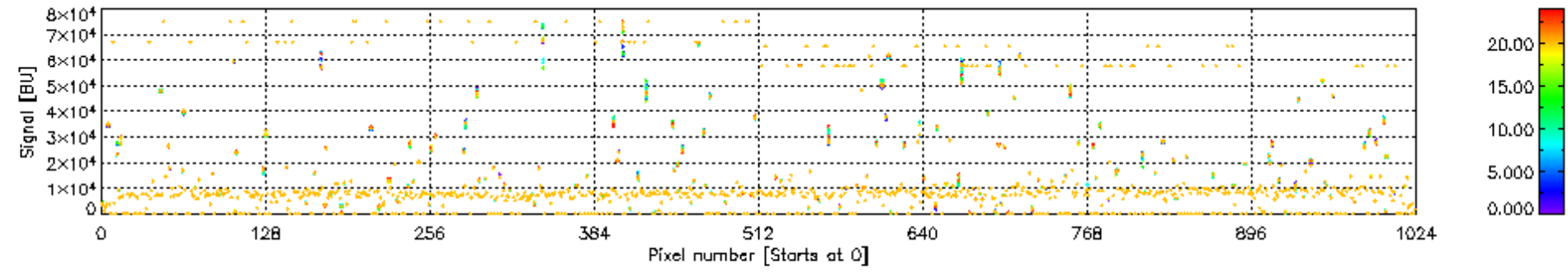
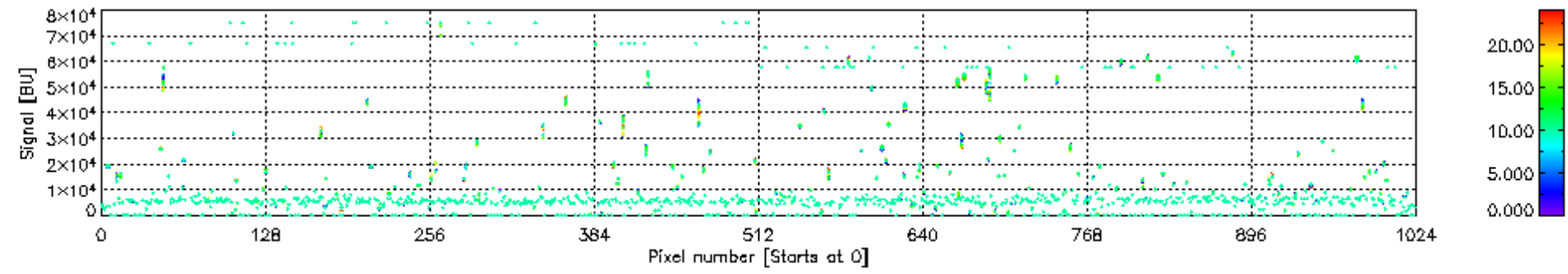
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 6 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00



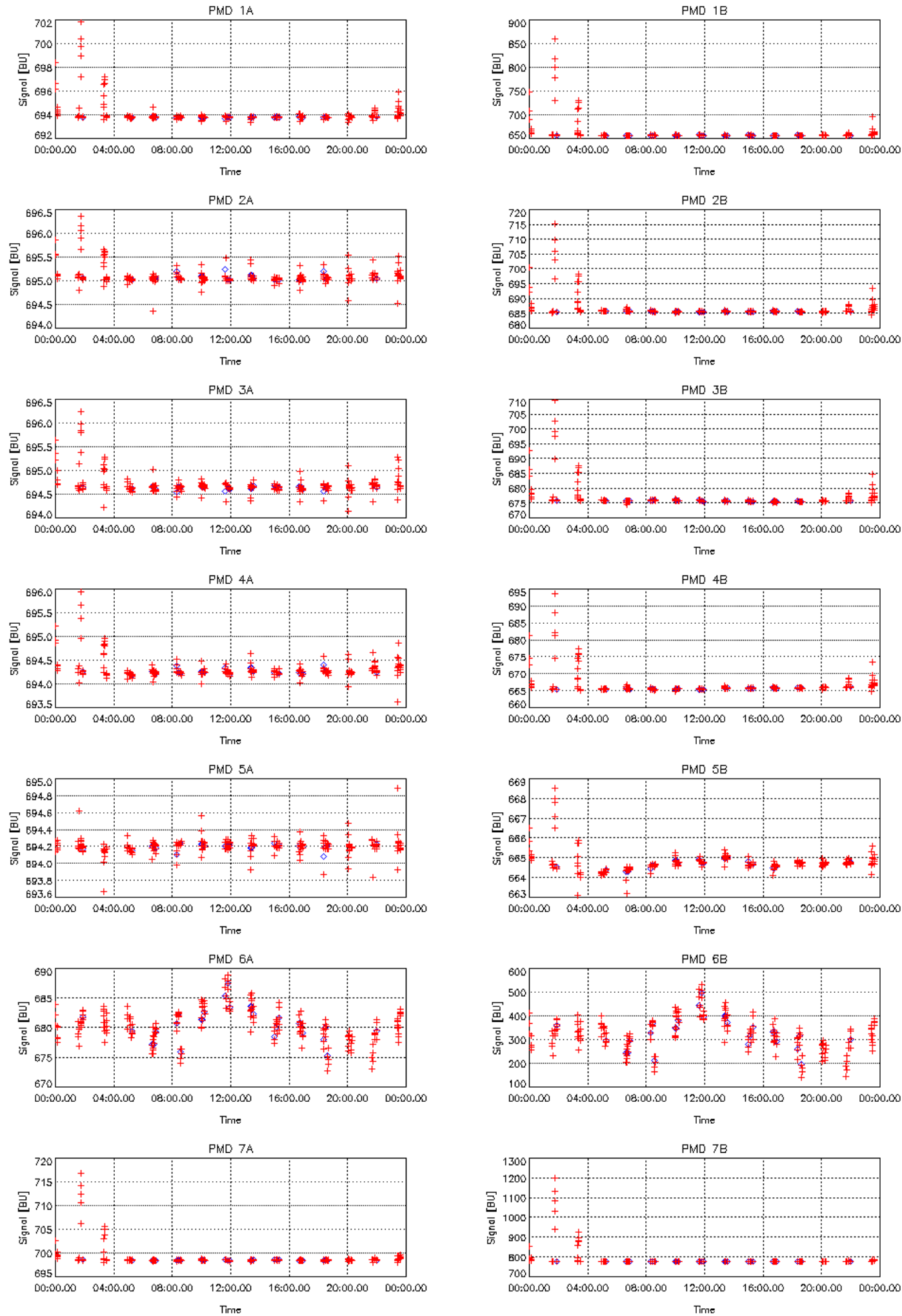
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 7 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00

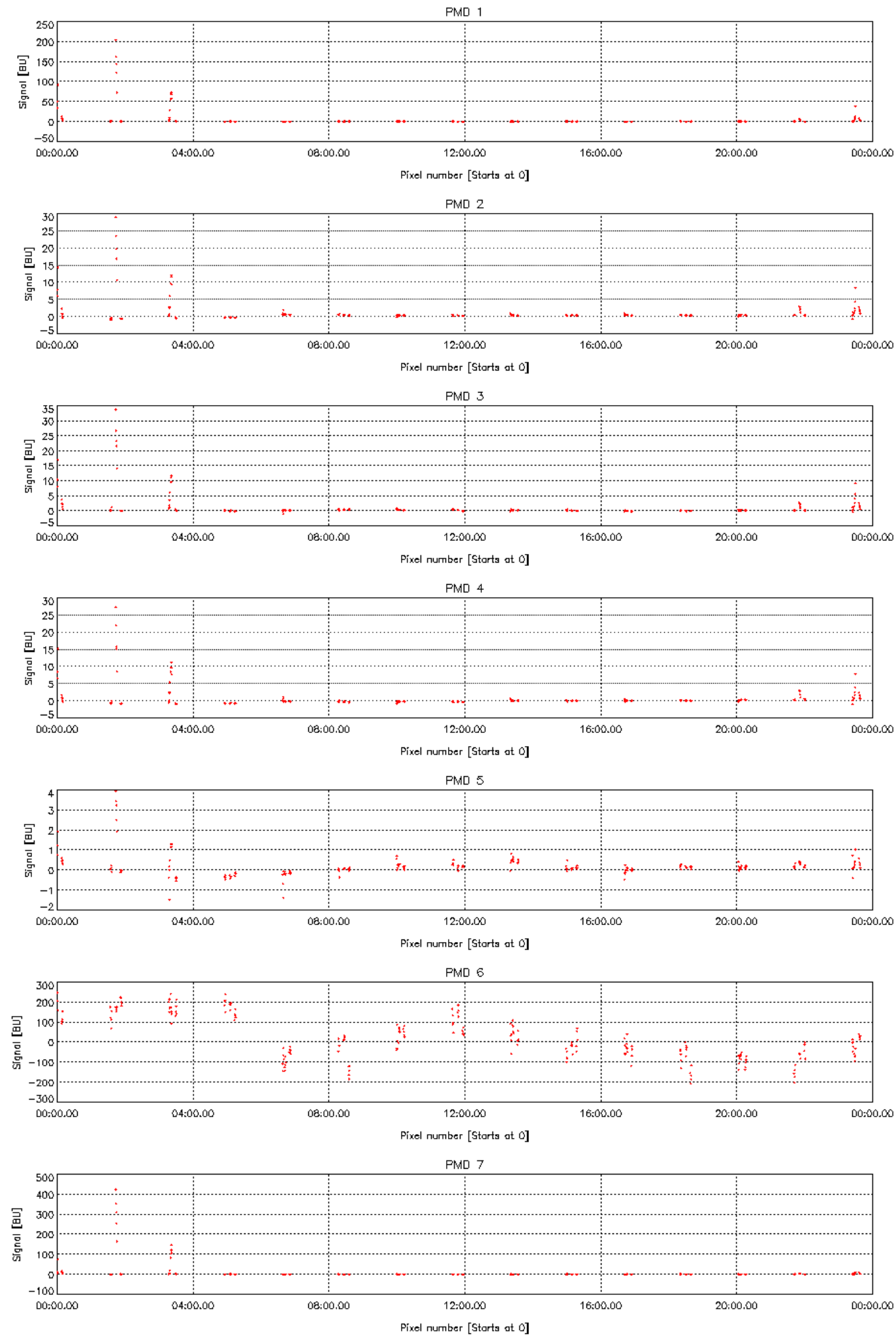


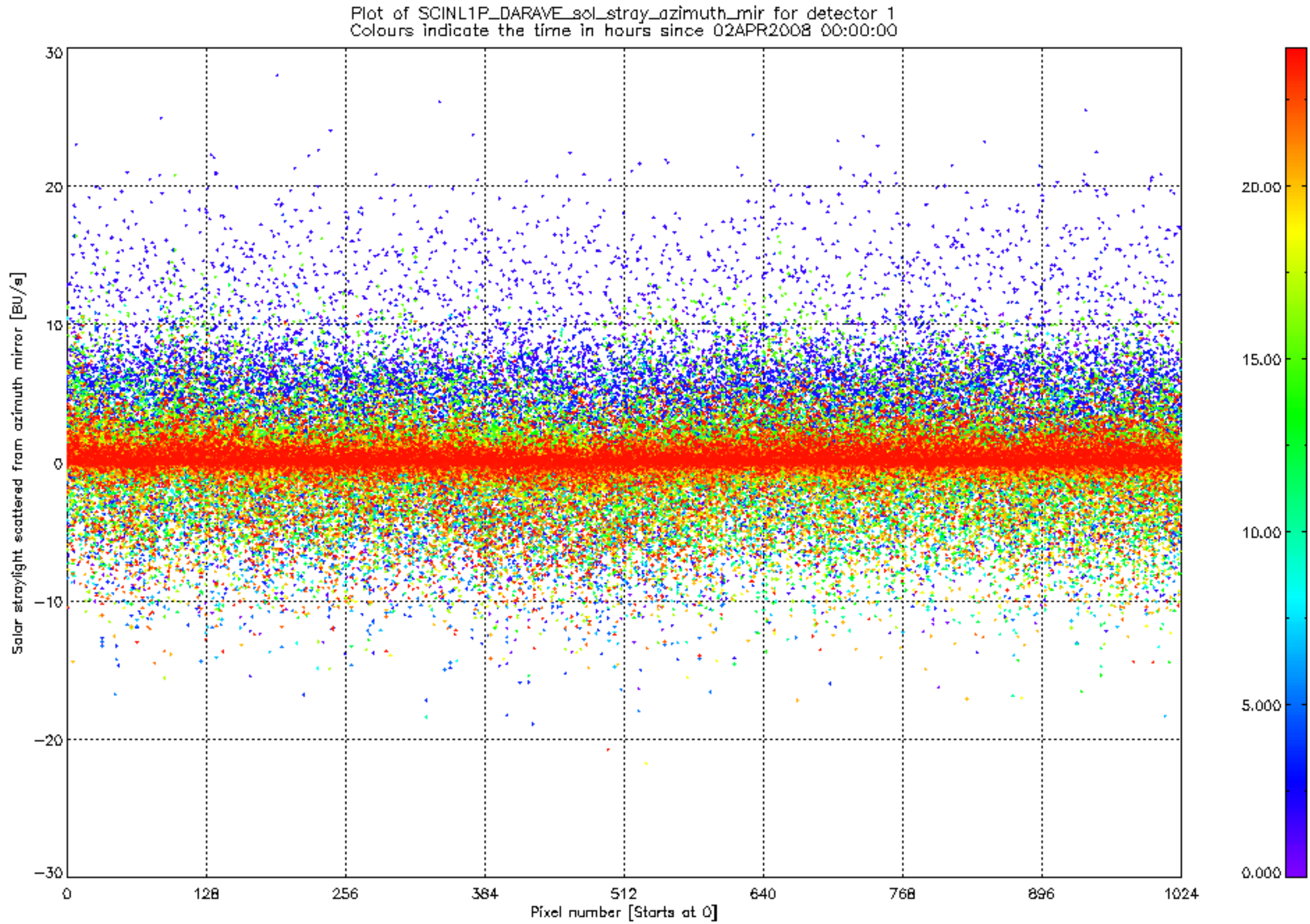
Plots of SCINL1P_DARAVE_avg_dark_meas_spec for detector 8 on 02APR2008.
The plots show different value ranges of the dark measurements.
The colours indicate the time in hours since 02APR2008 00:00:00

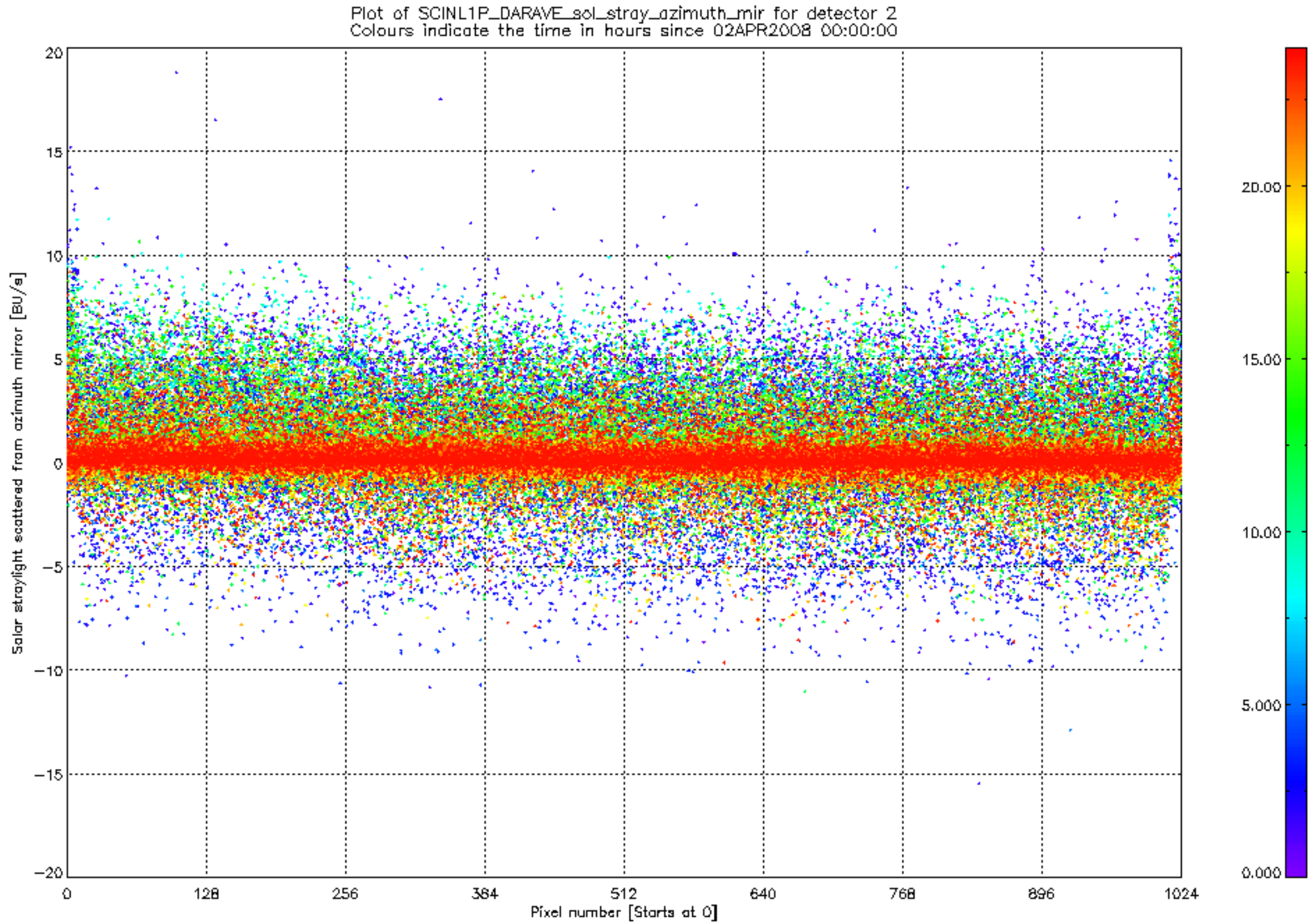


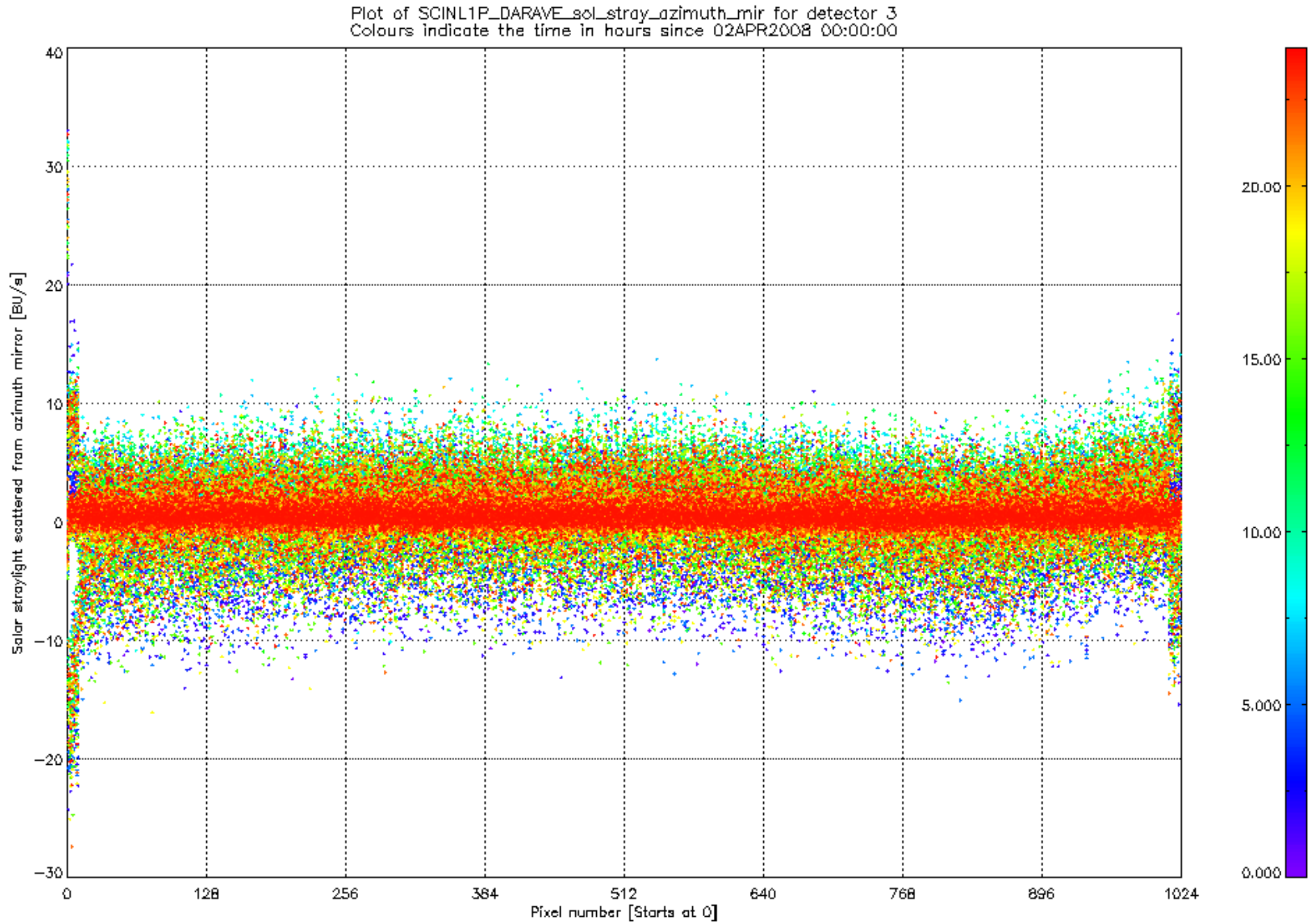
Plots of SCINL1P_DARAVE_pmd_dark_offset vs time on 02APR2008 (red).
New leakage current offset data is given in blue for comparison.

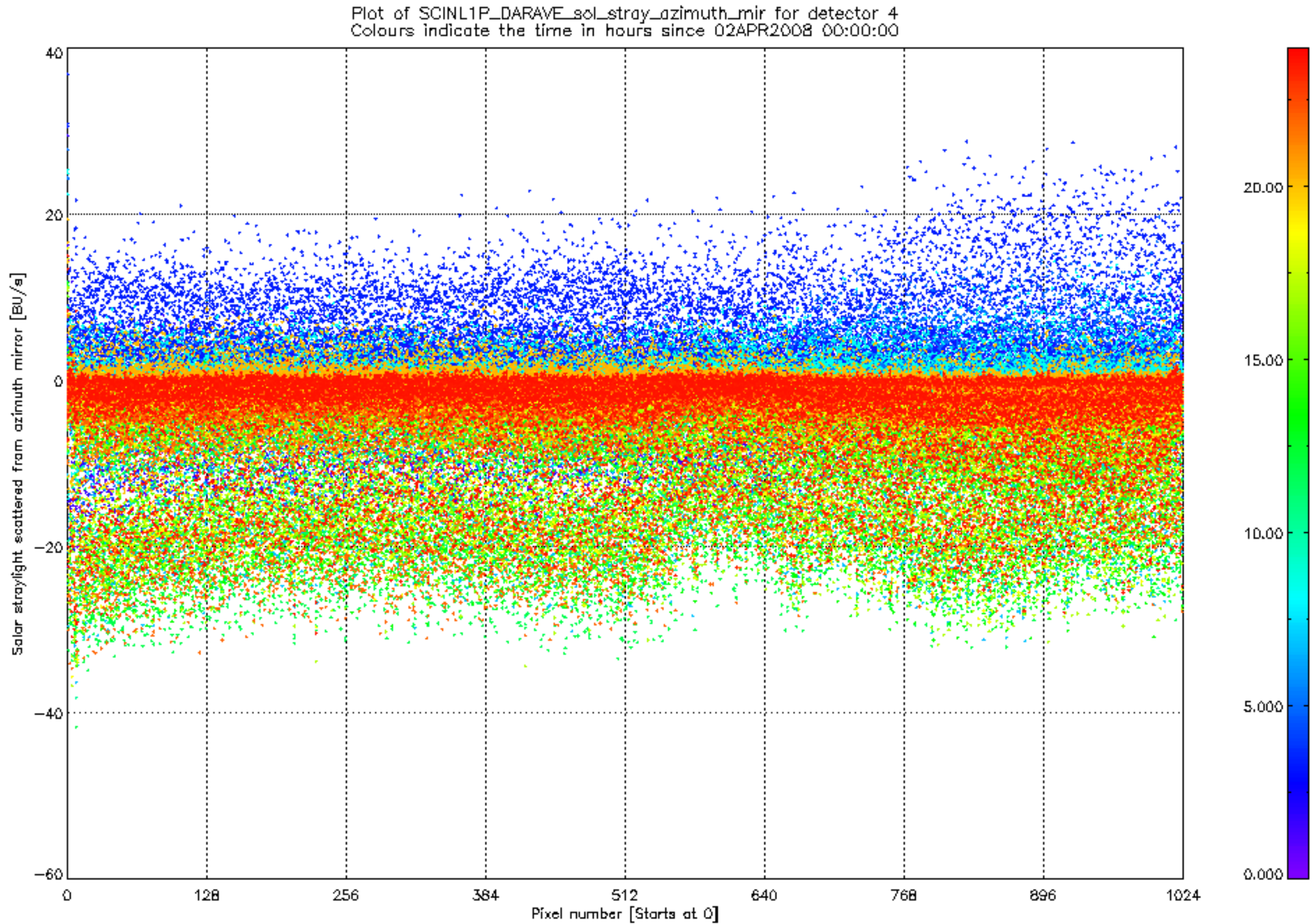


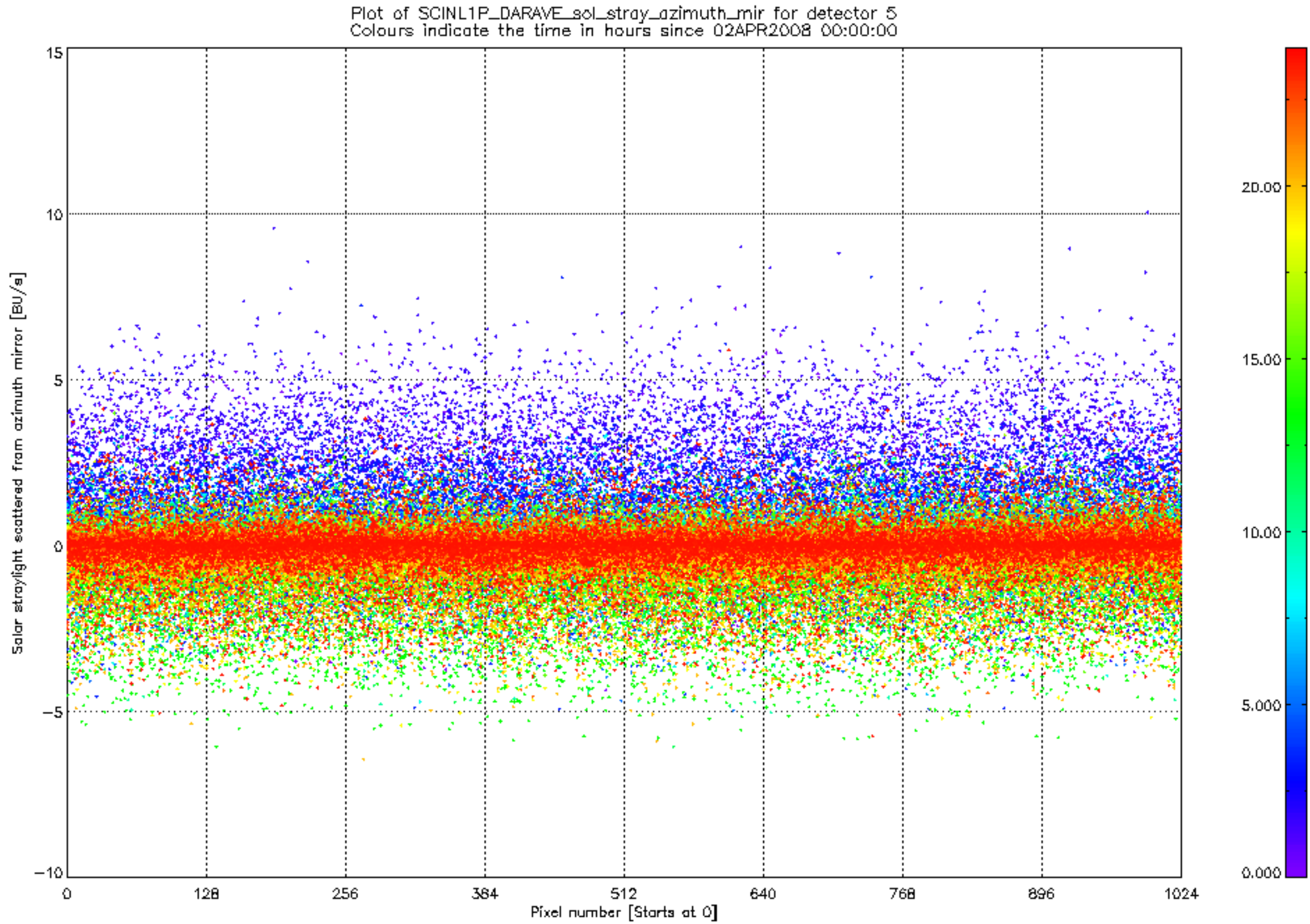


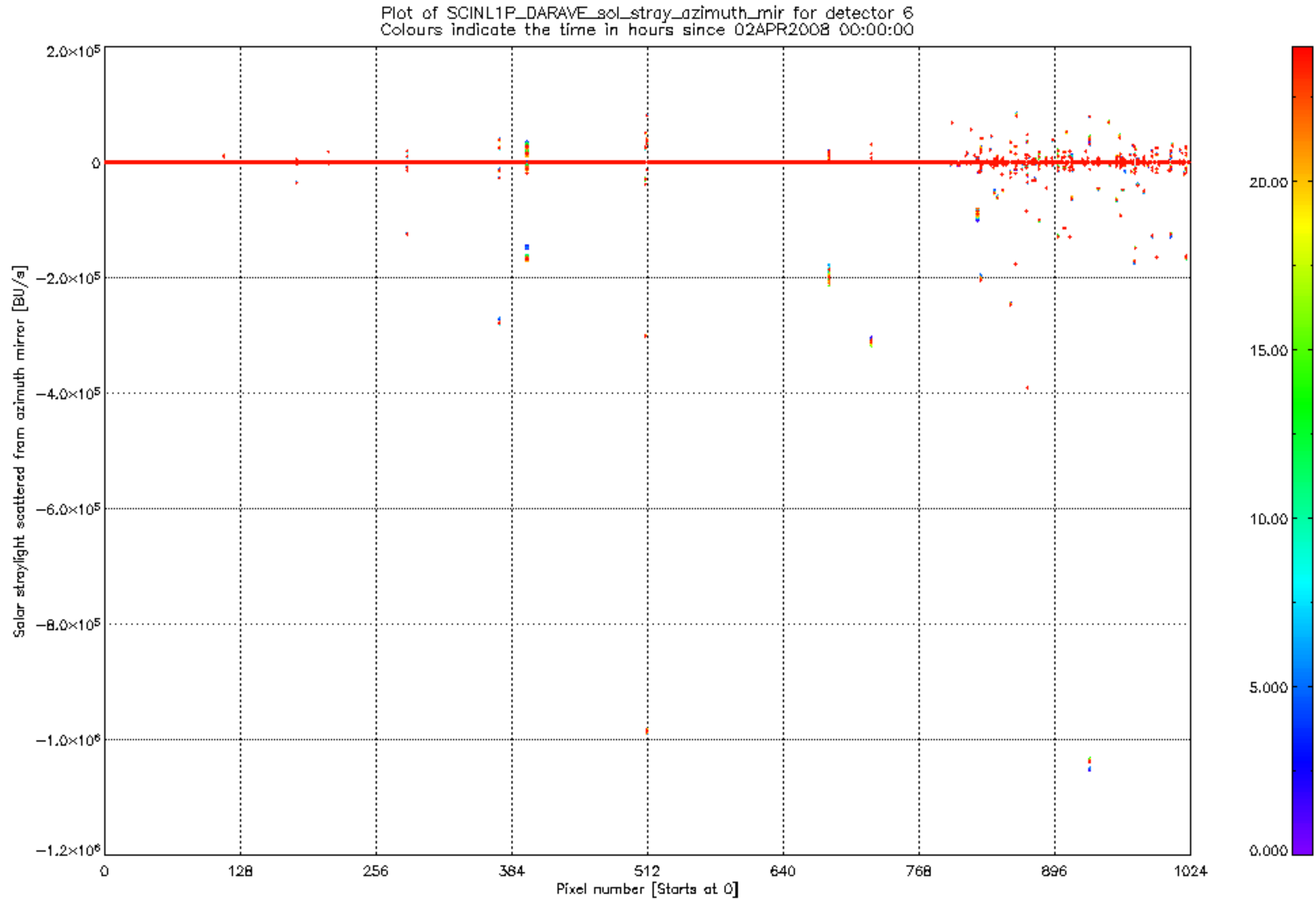




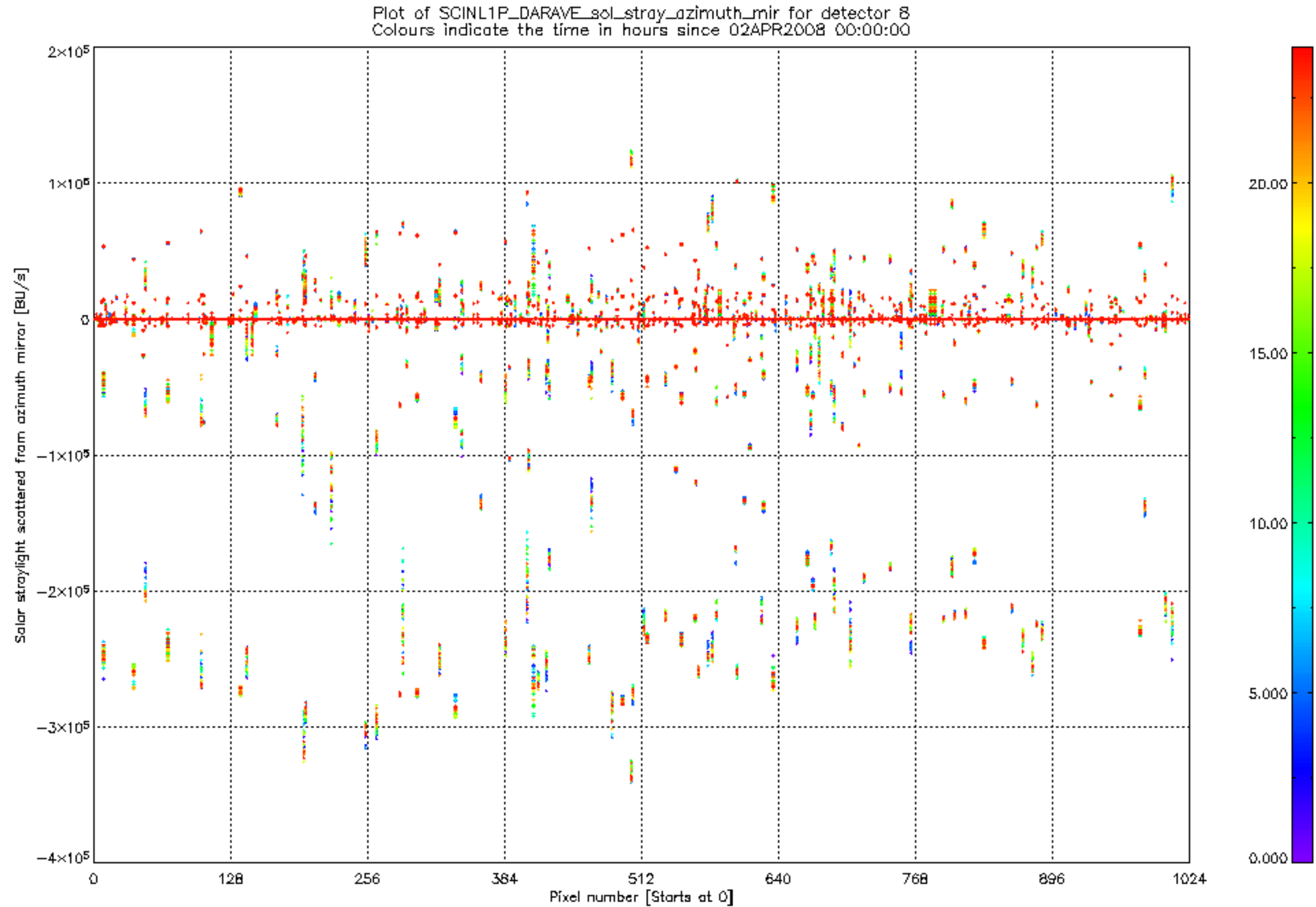




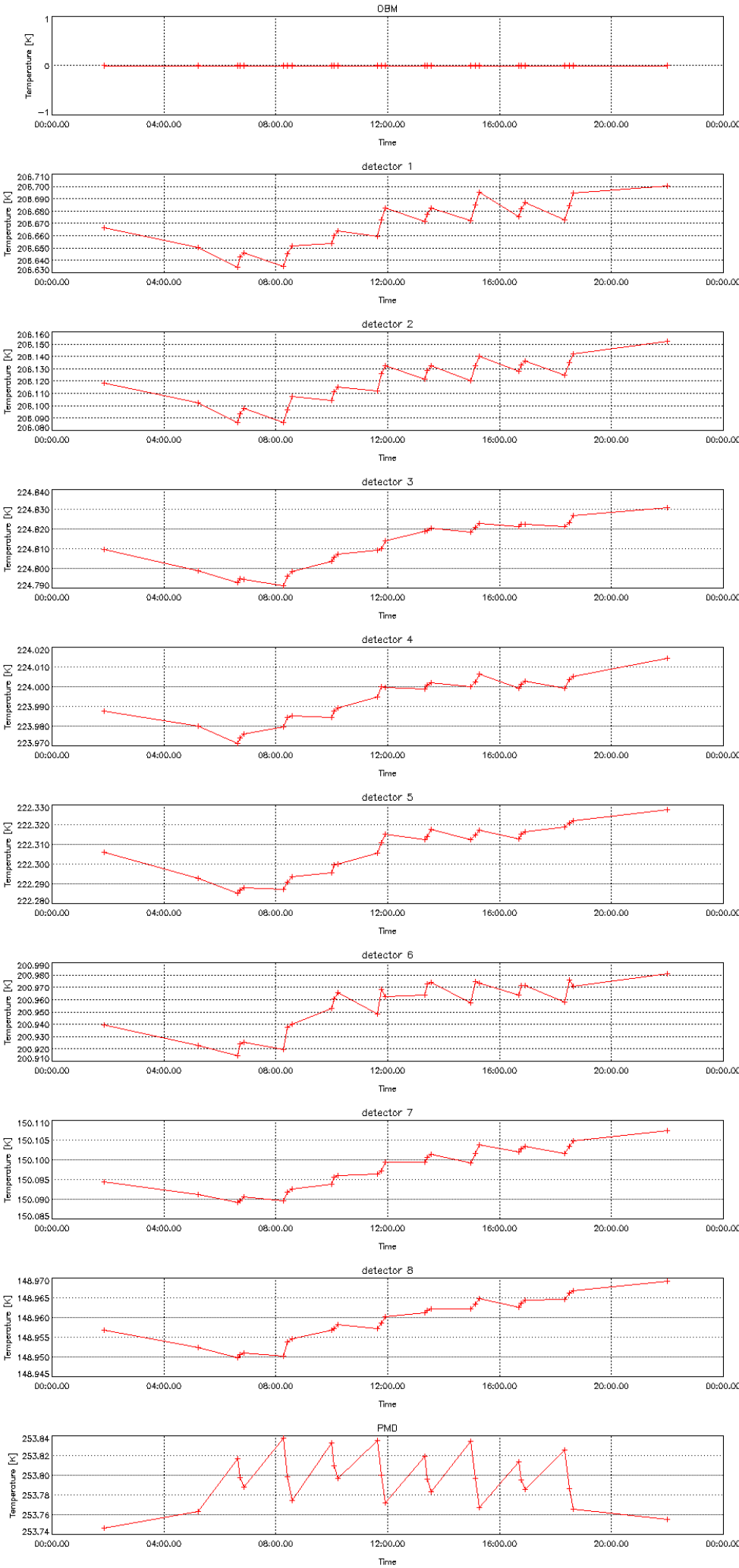




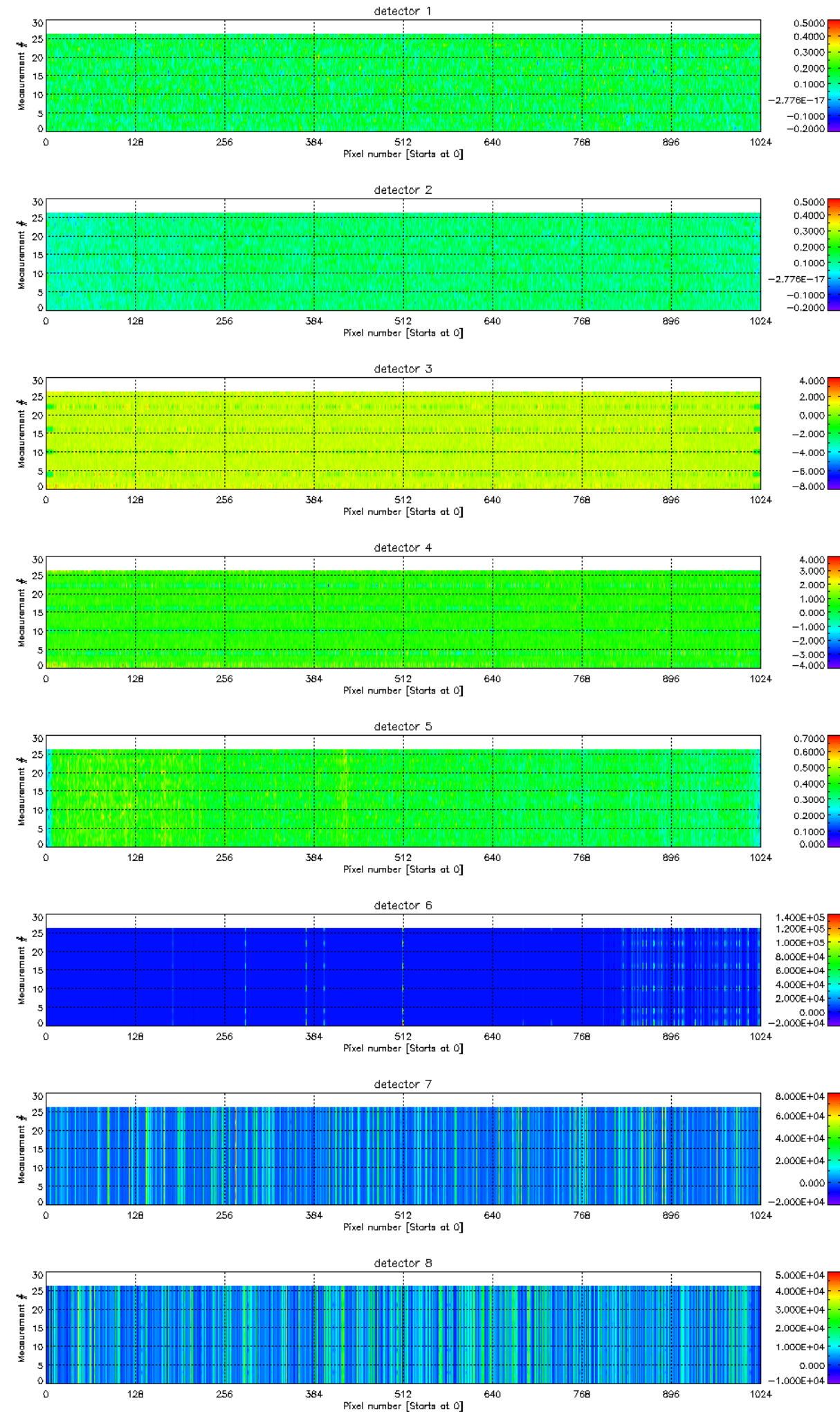




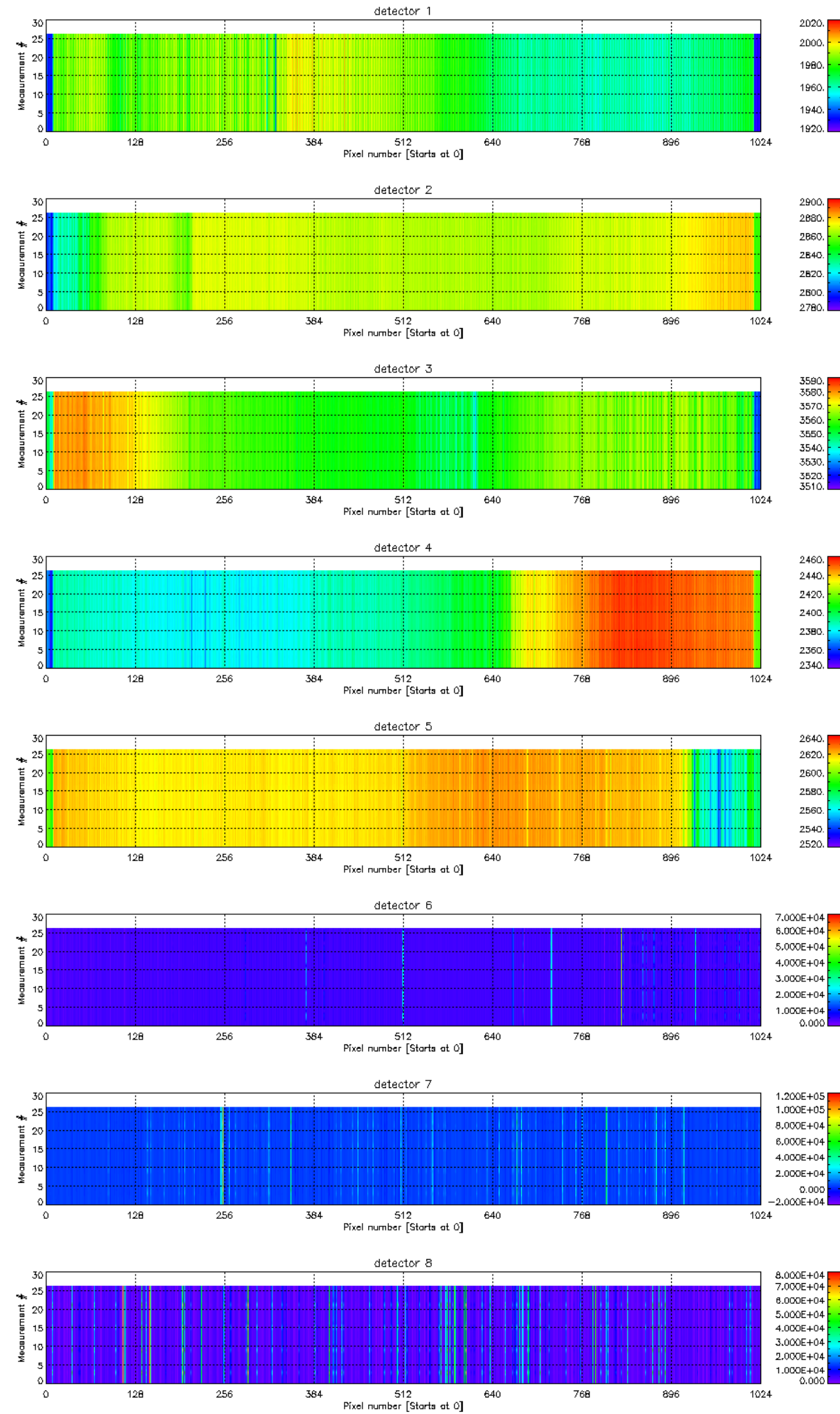
Plots of SCINL1P_NEWLEA_obm_det_prnd temperatures vs time on 02APR2008.



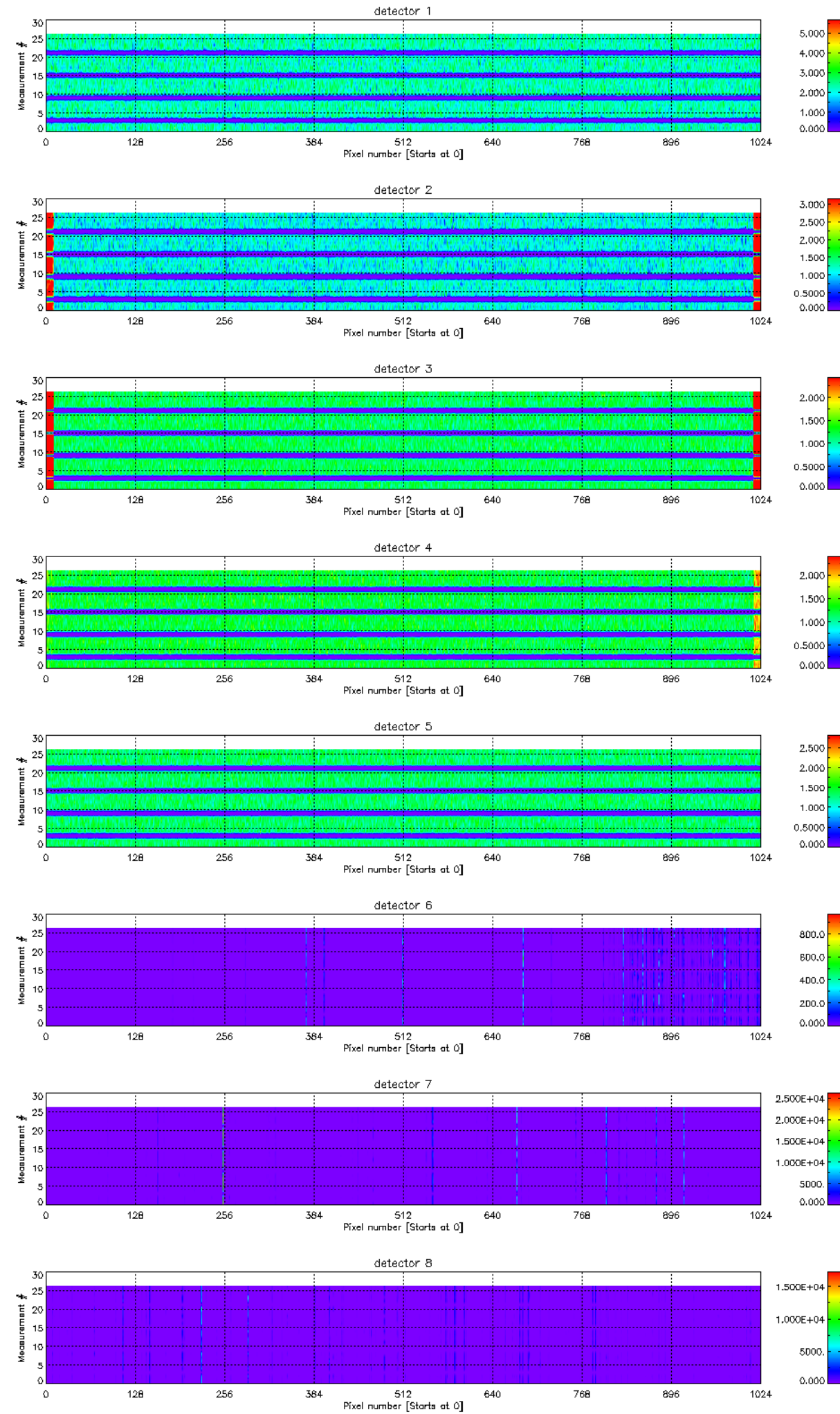
Plots of SCINL1P_NEWLEA_leak_cur for various detectors on 02APR2008.
Colours indicate the value in BU/s.



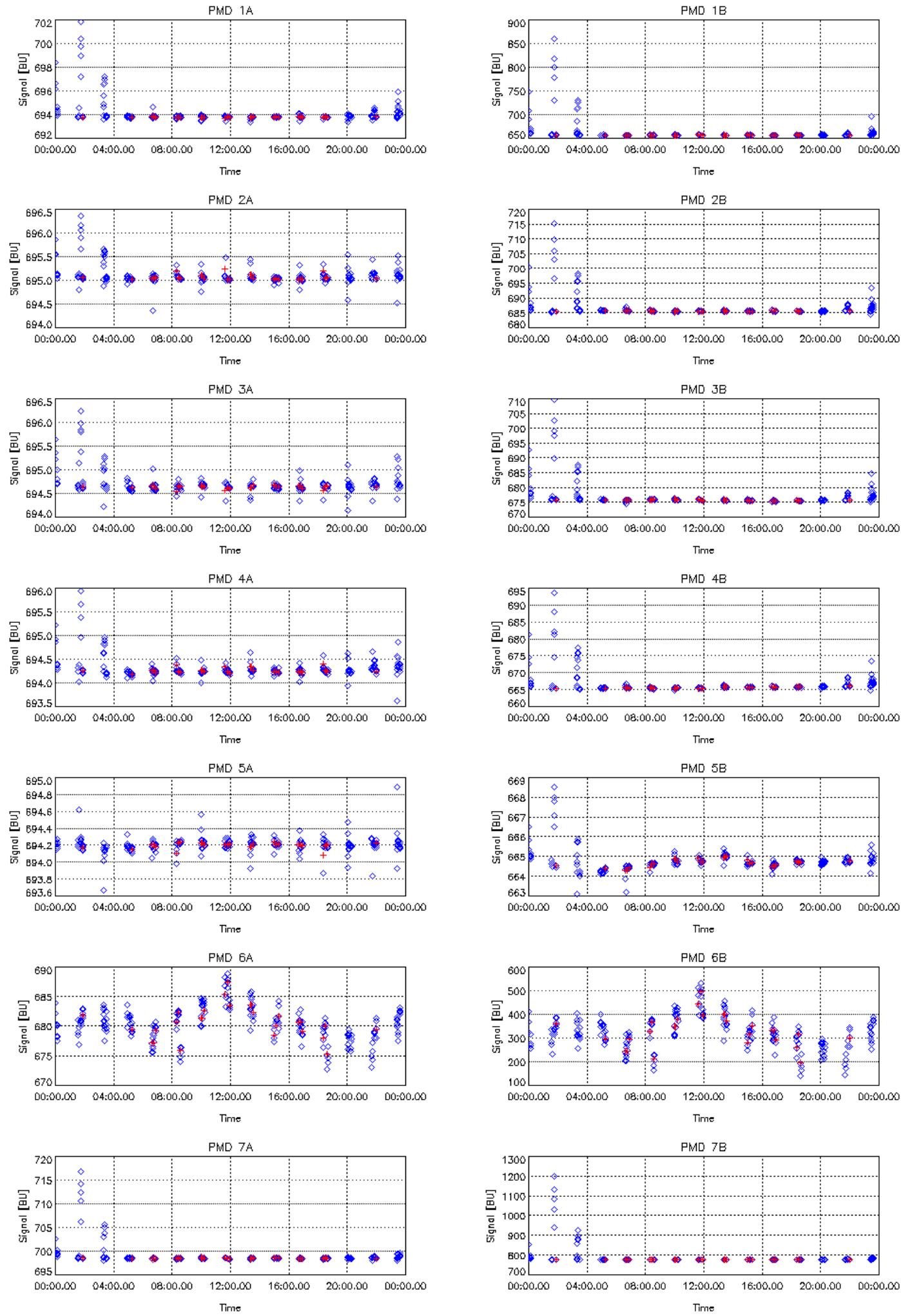
Plots of SCINL1P_NEWLEA_fpn for various detectors on 02APR2008.
Colours indicate the value in BU.

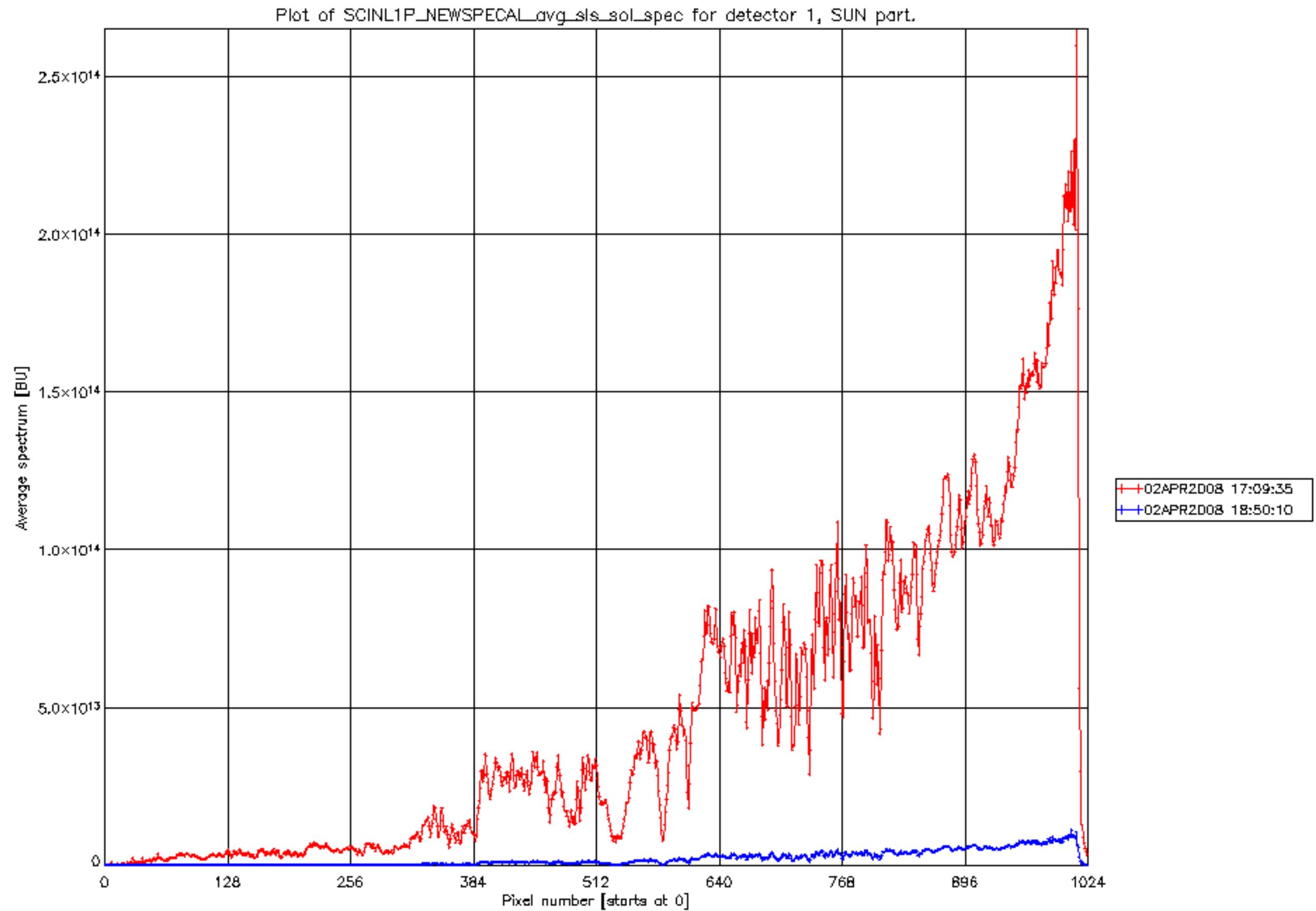


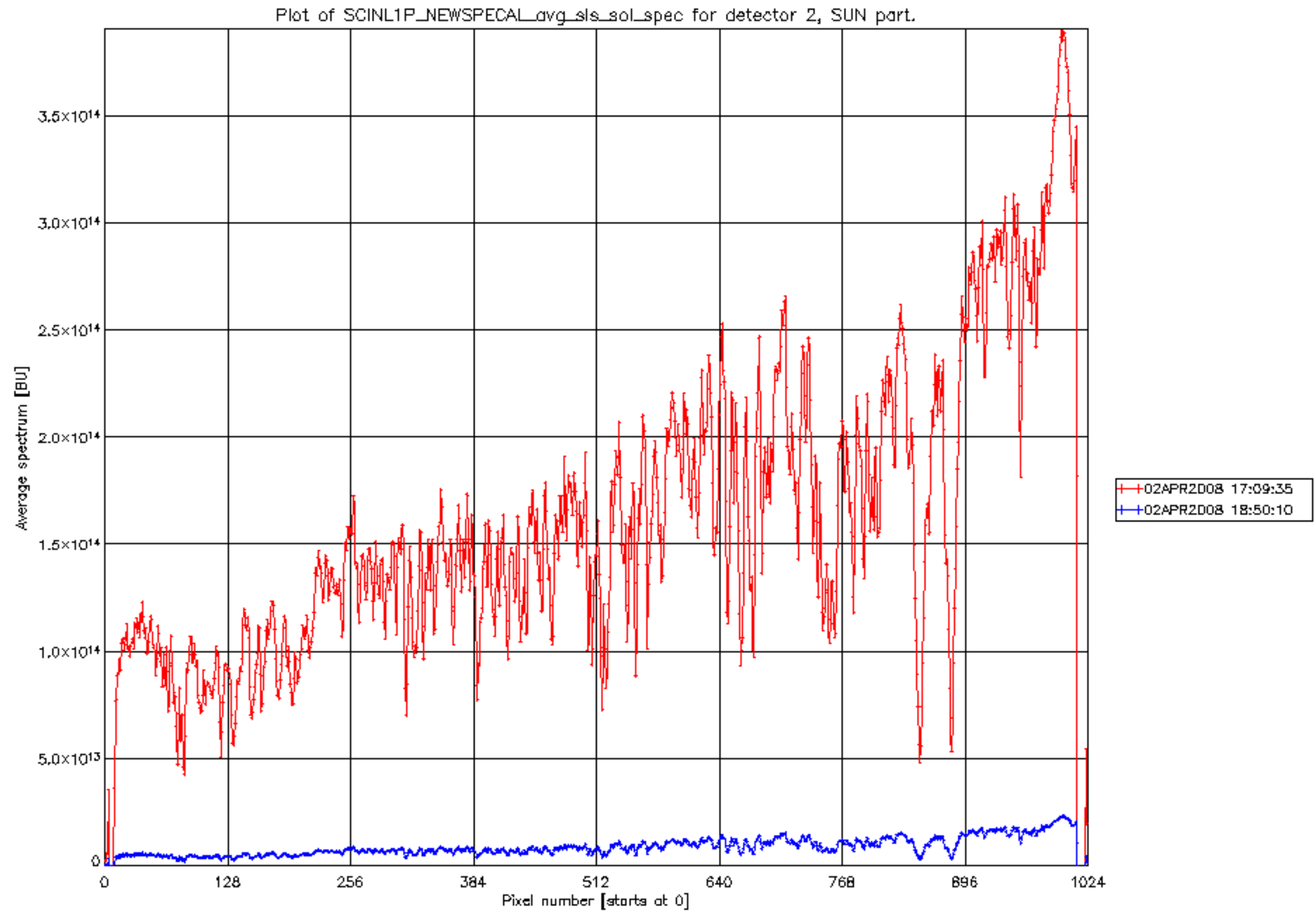
Plots of SCINL1P_NEWLEA_mean_noise for various detectors on 02APR2008.
Colours indicate the value in BU.

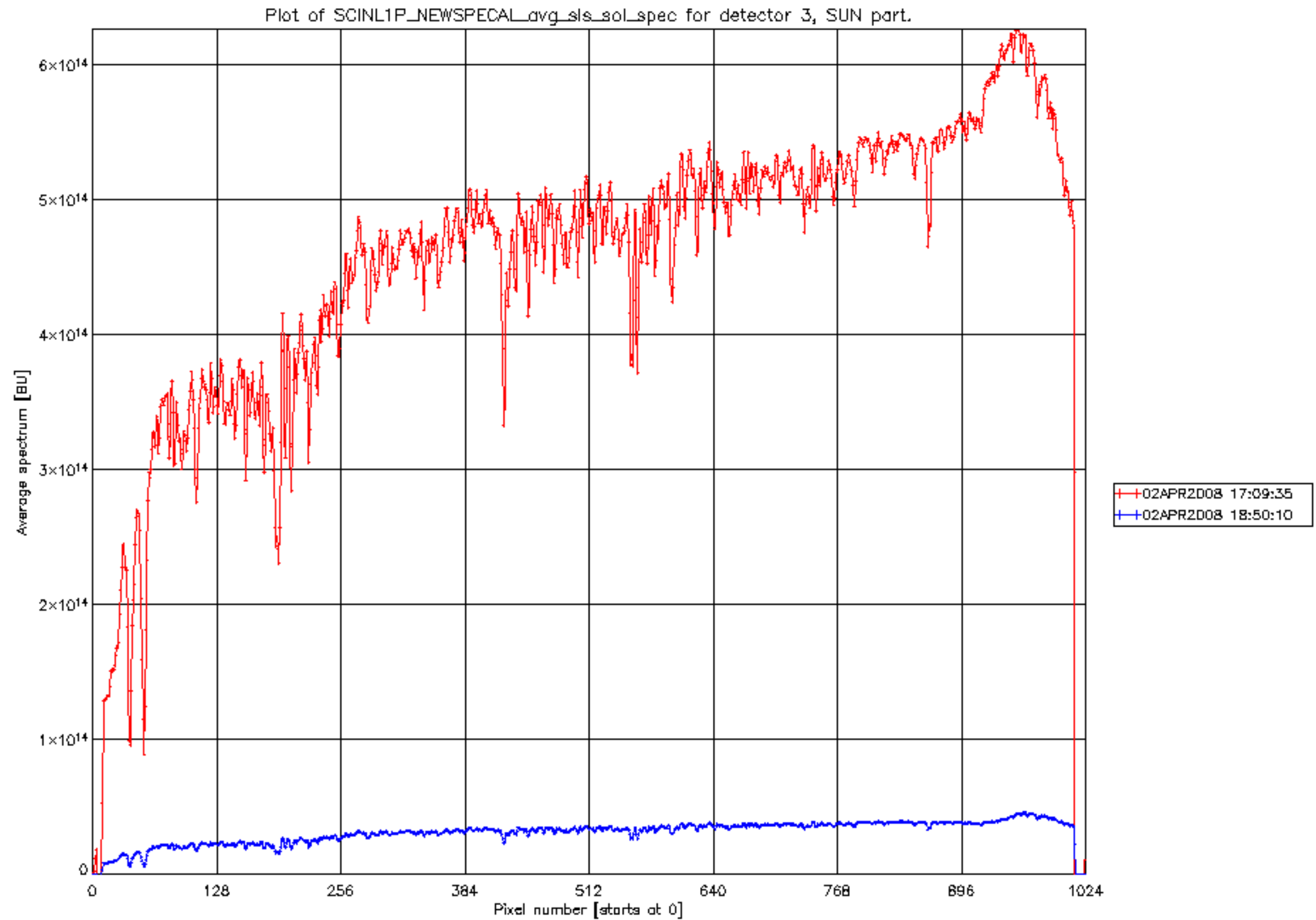


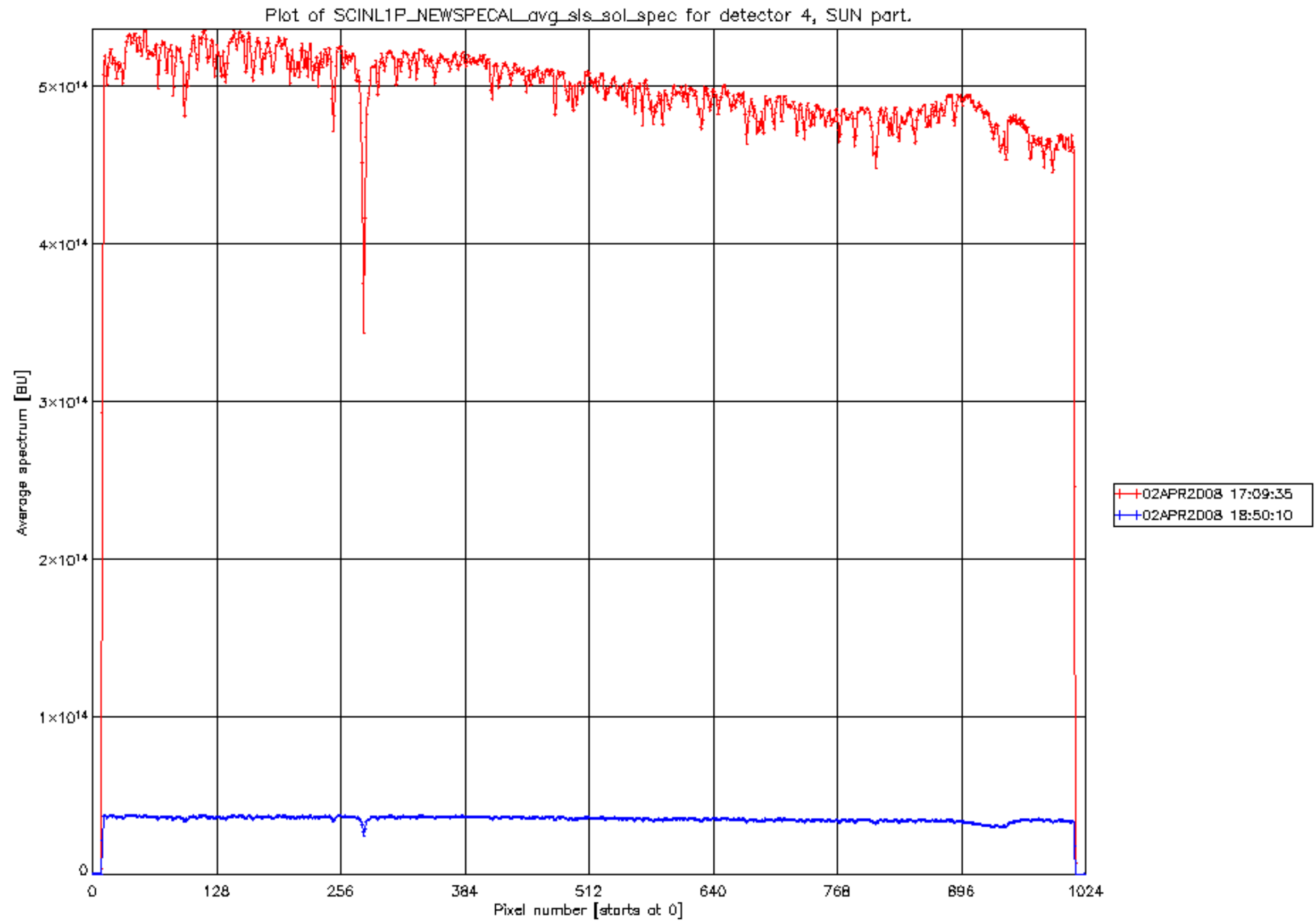
Plots of SCINL1P_NEWLEA_pmd_off vs time on 02APR2008 (red).
Dark average pmd data is given in blue for comparison.

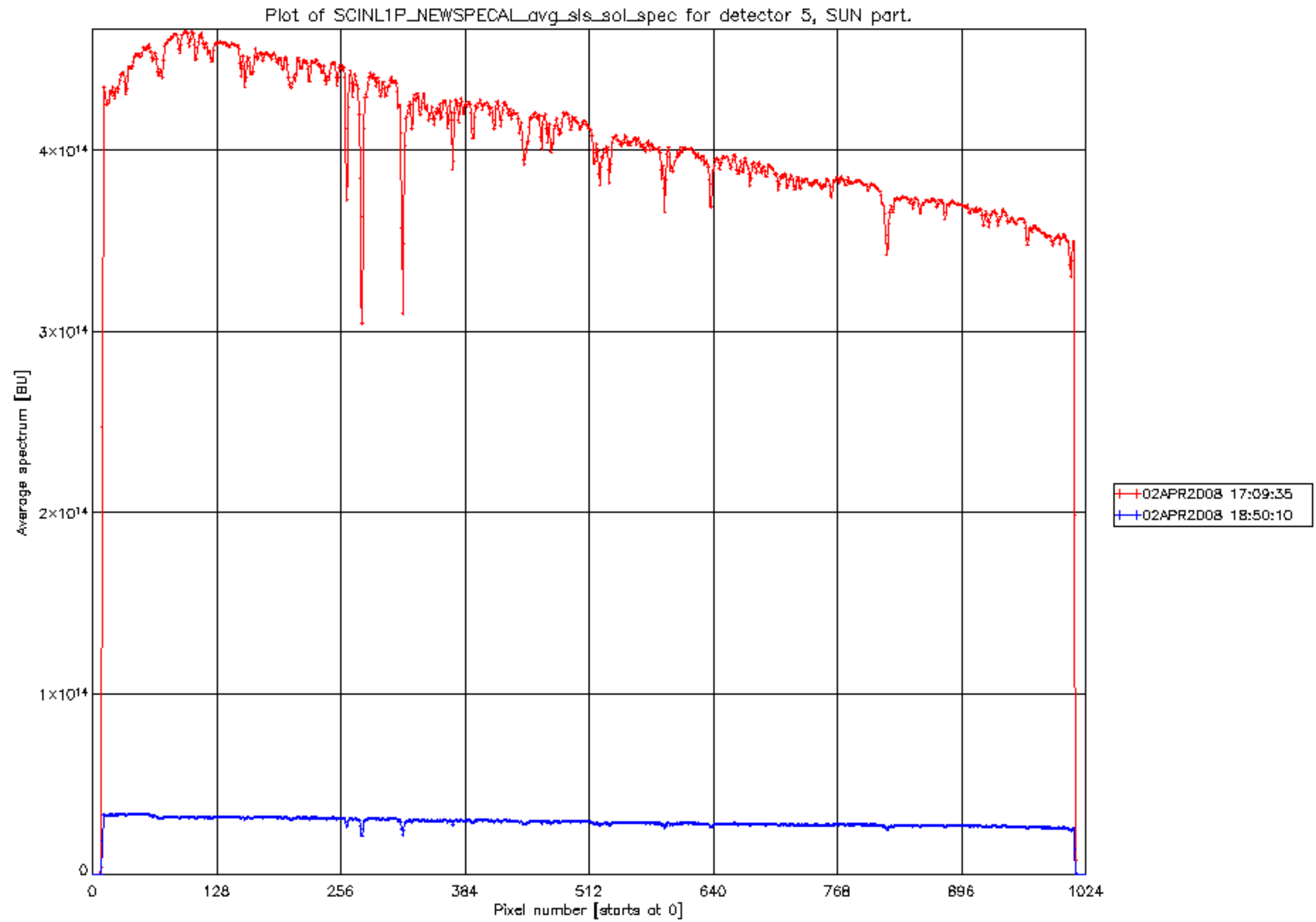


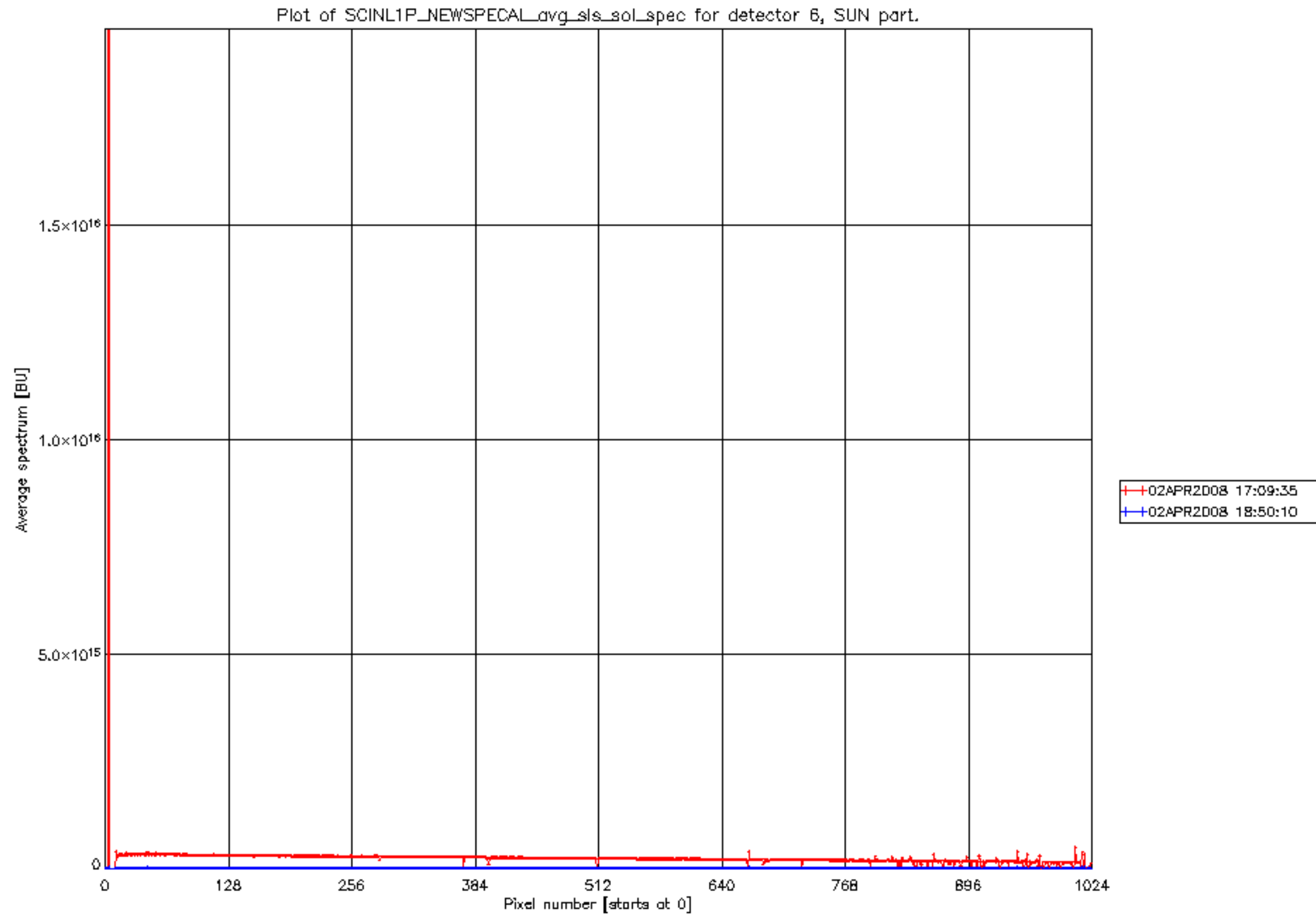


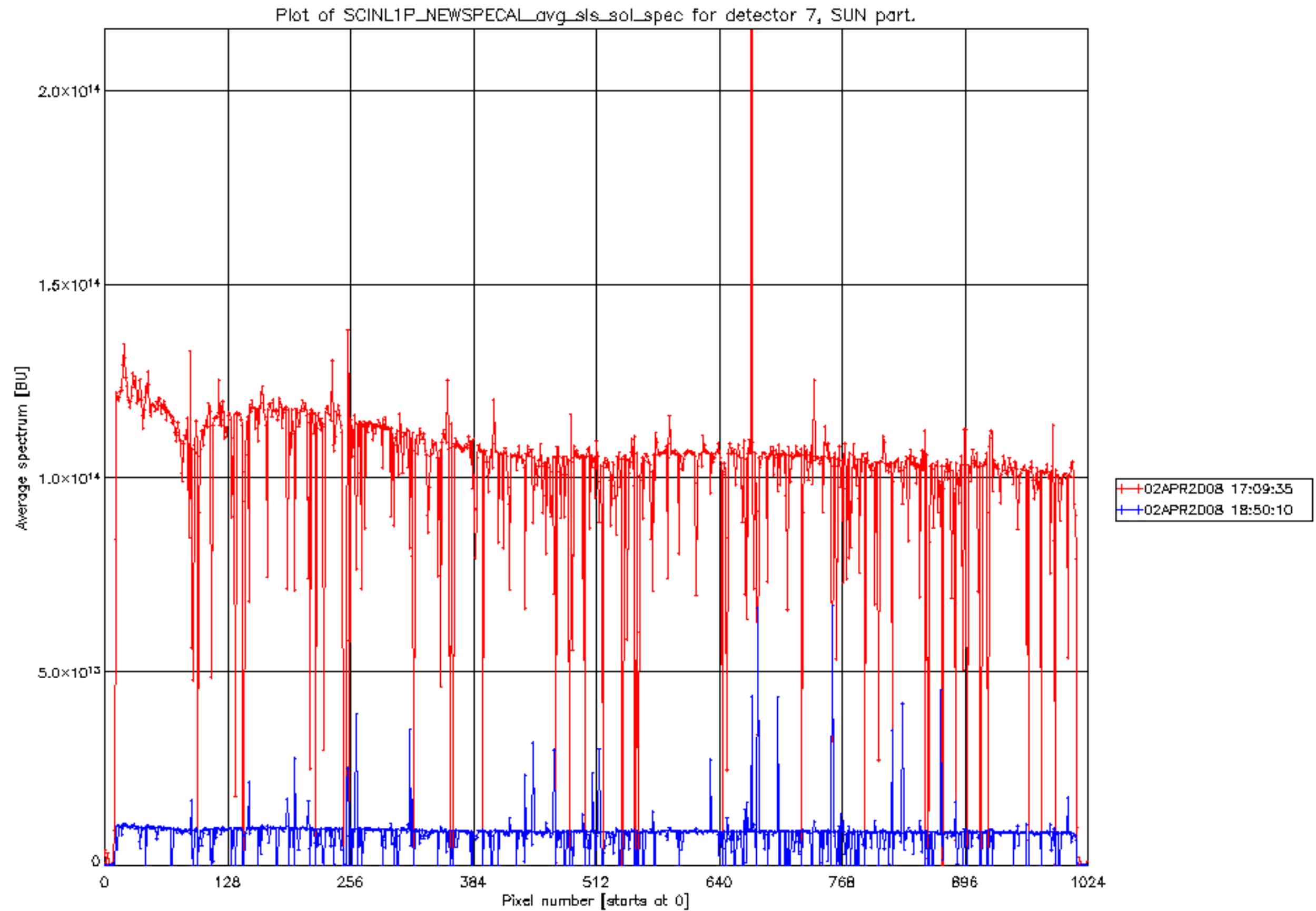


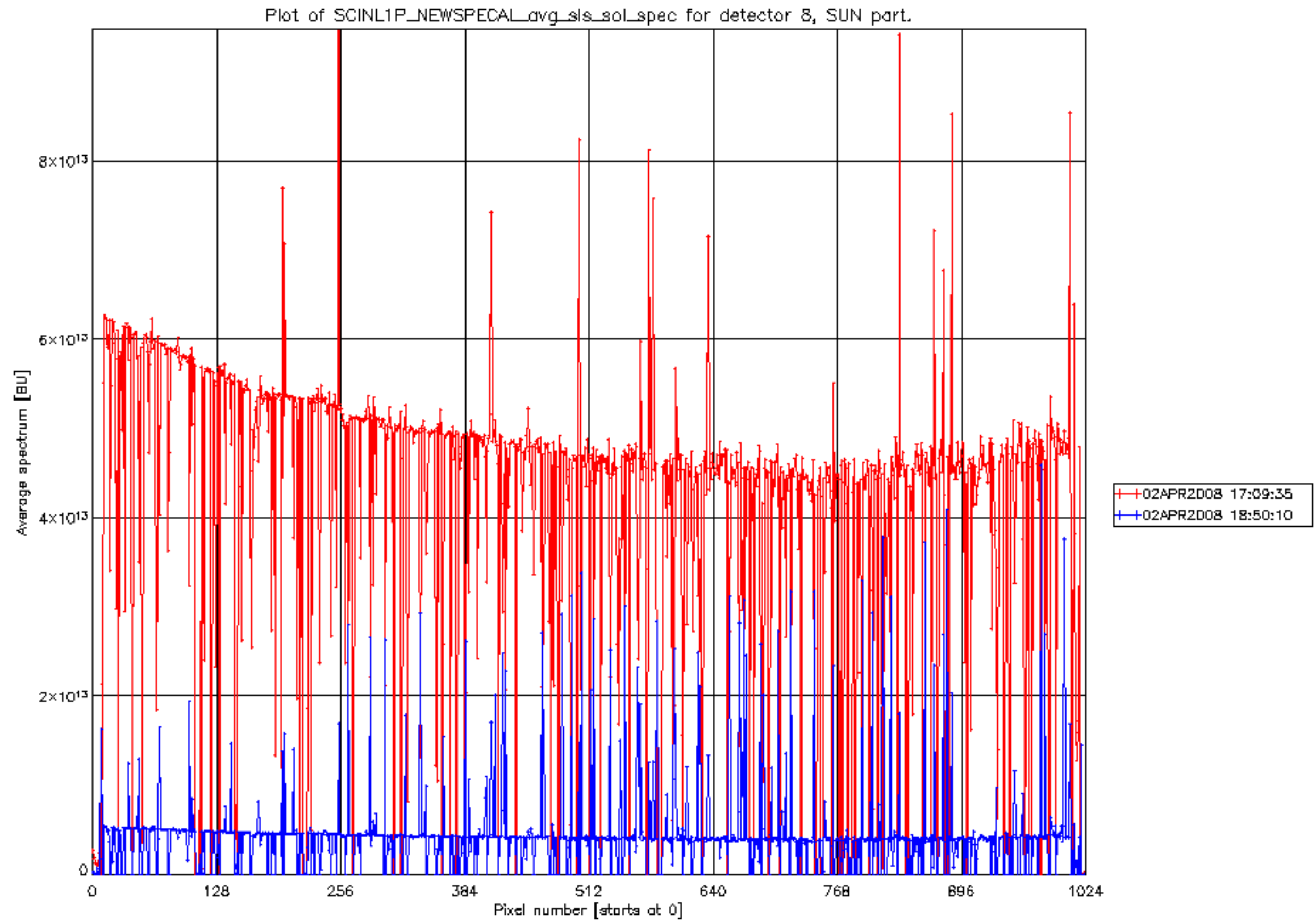


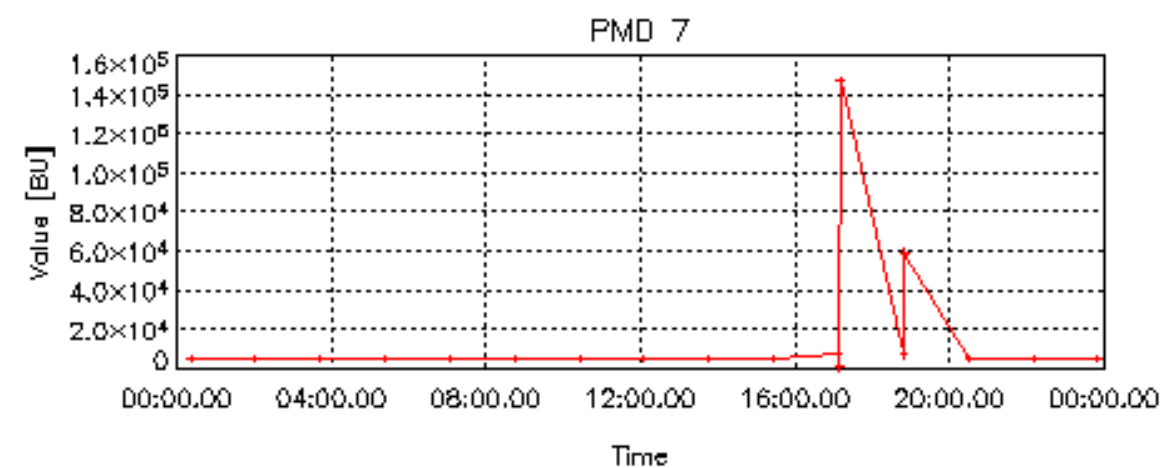
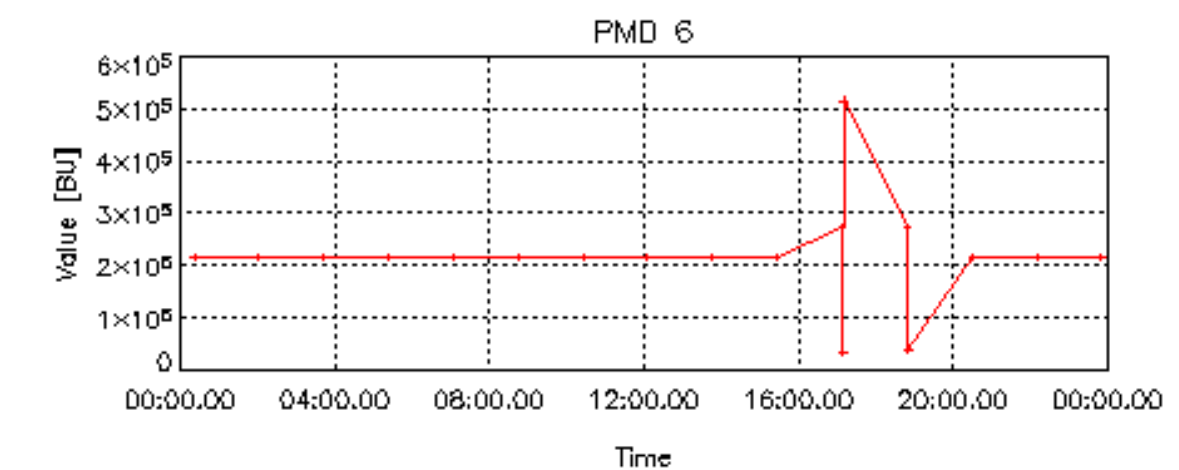
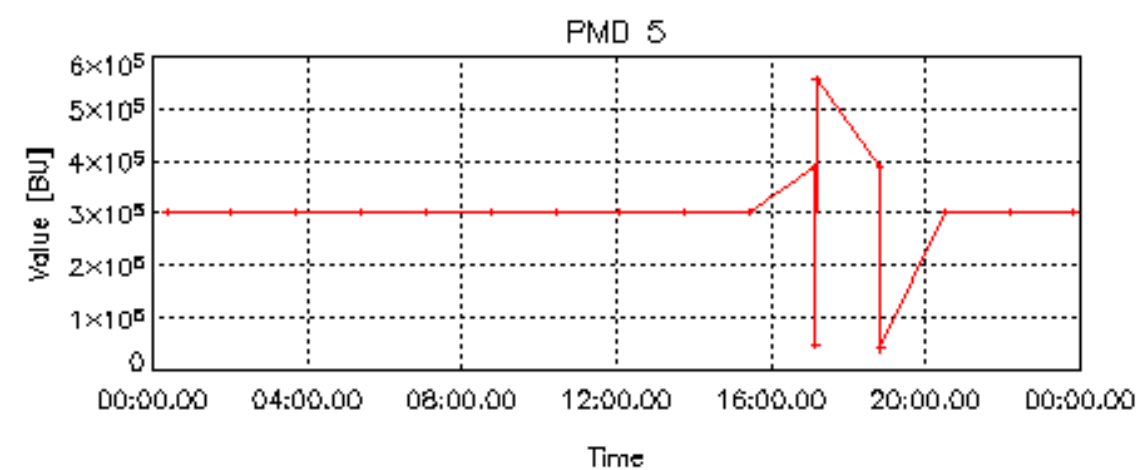
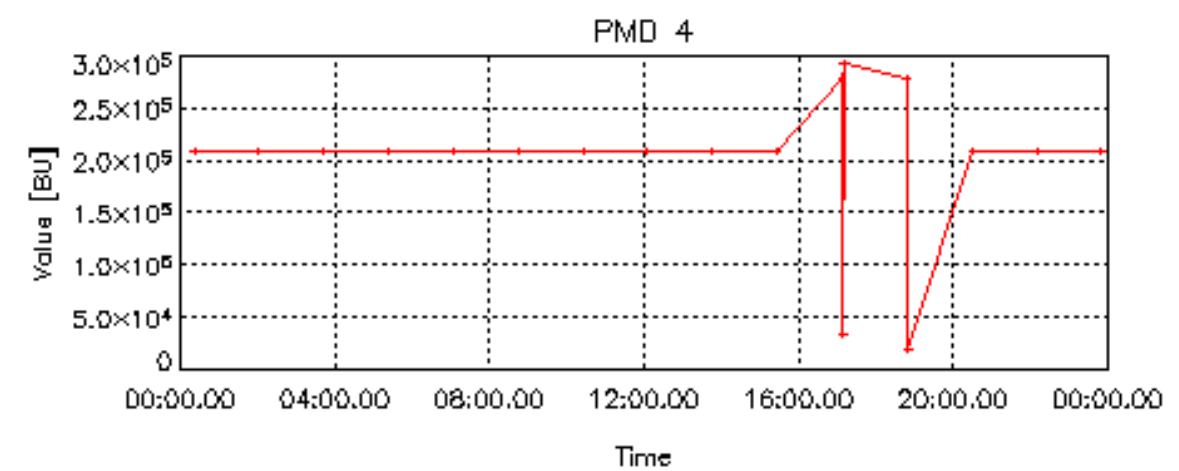
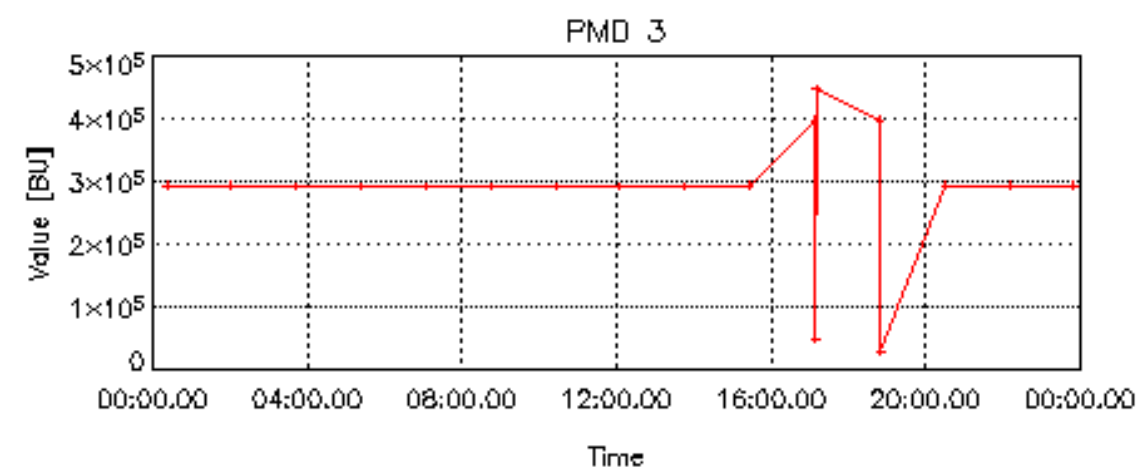
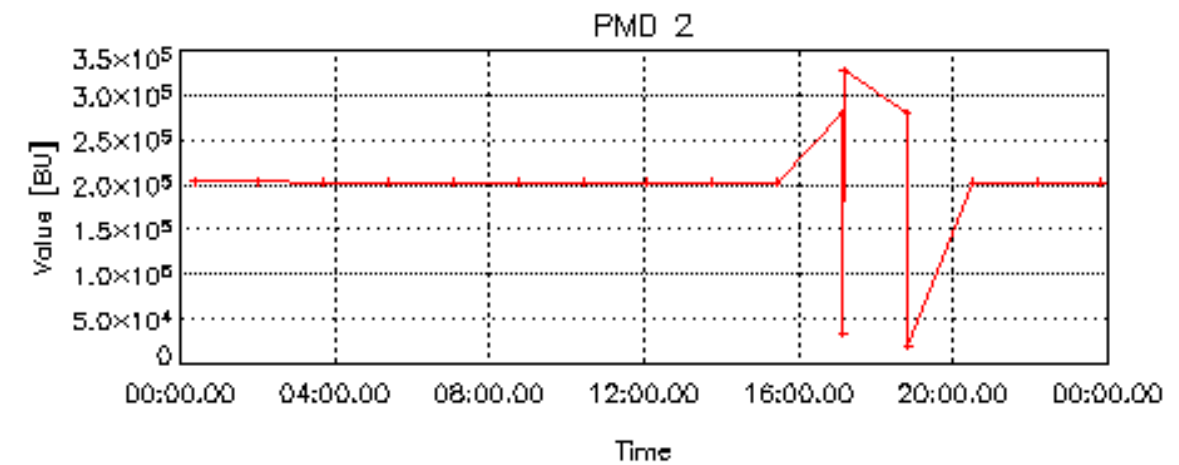
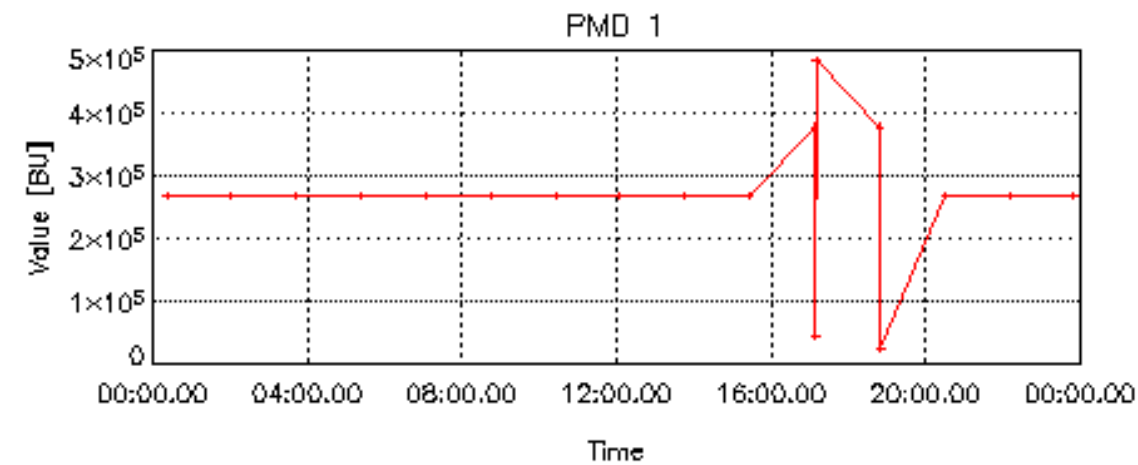


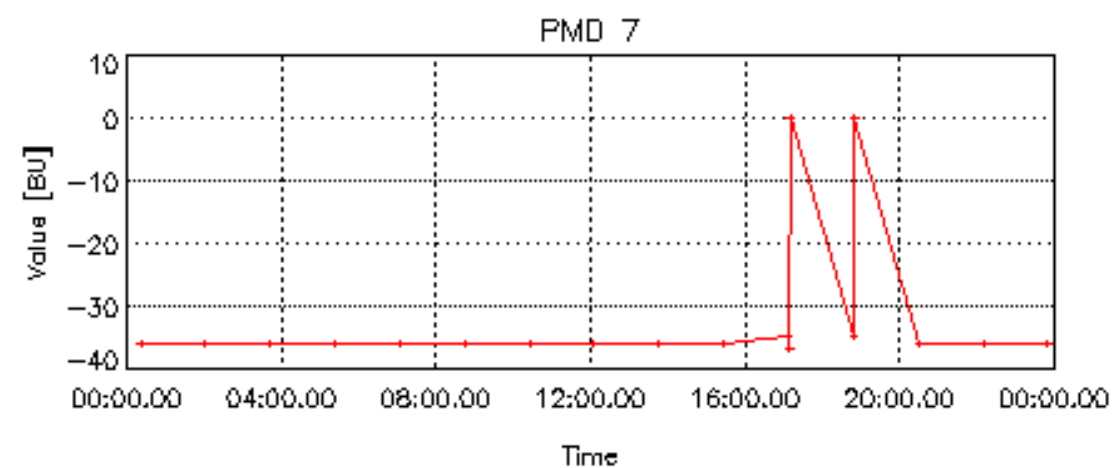
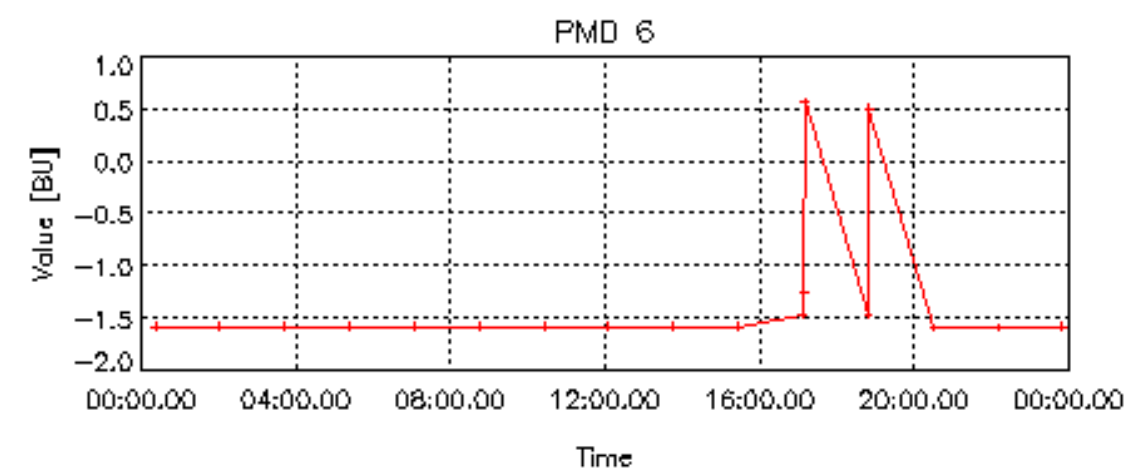
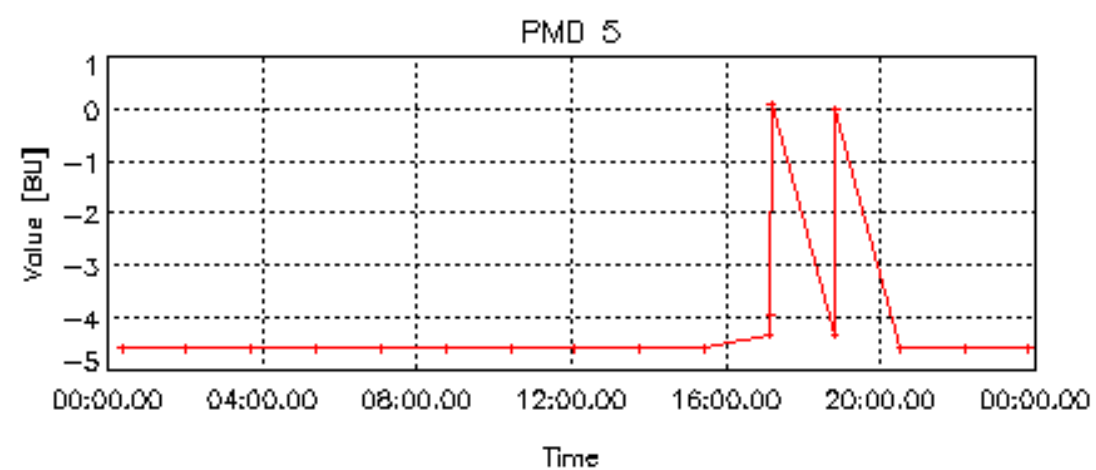
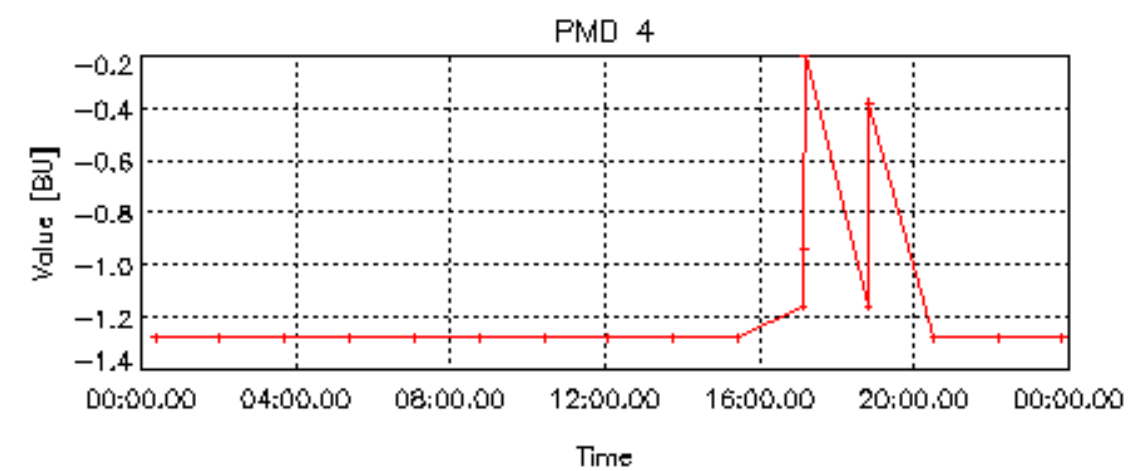
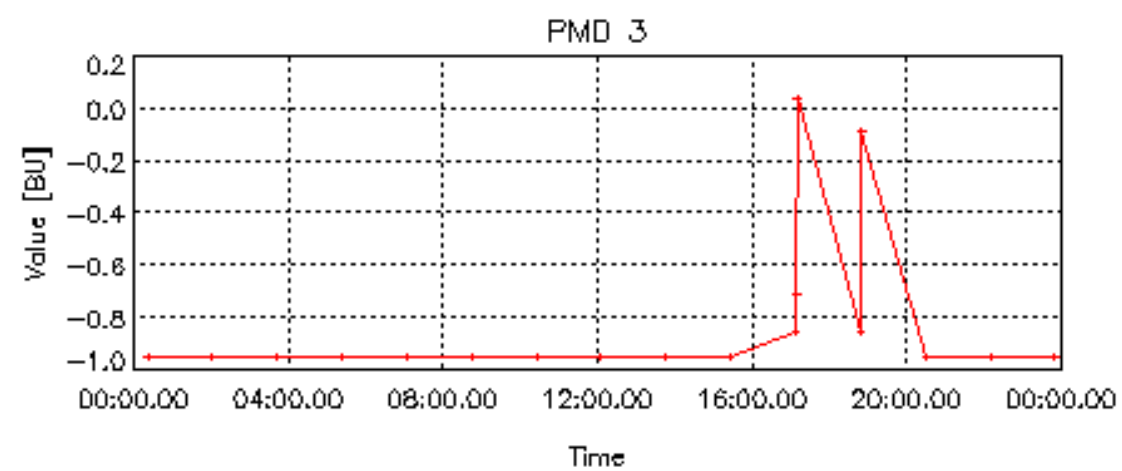
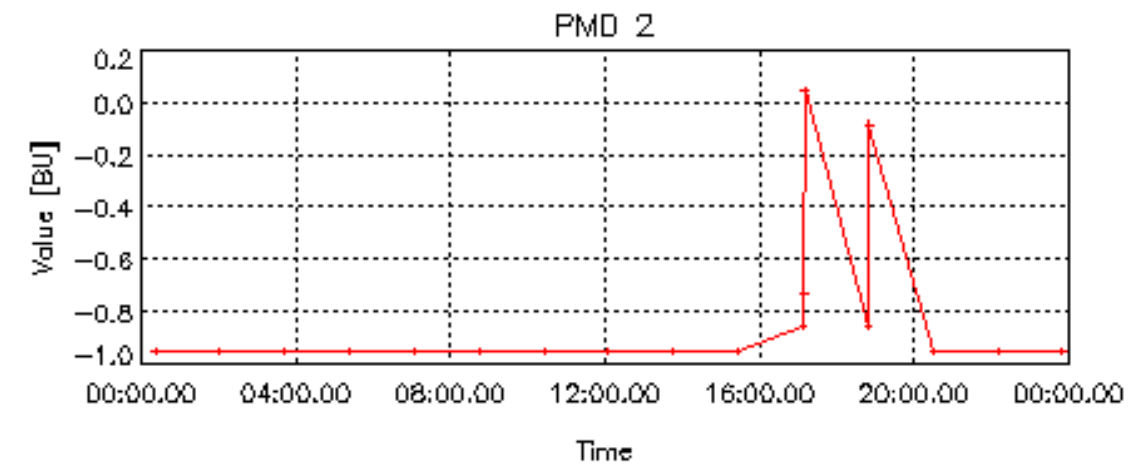
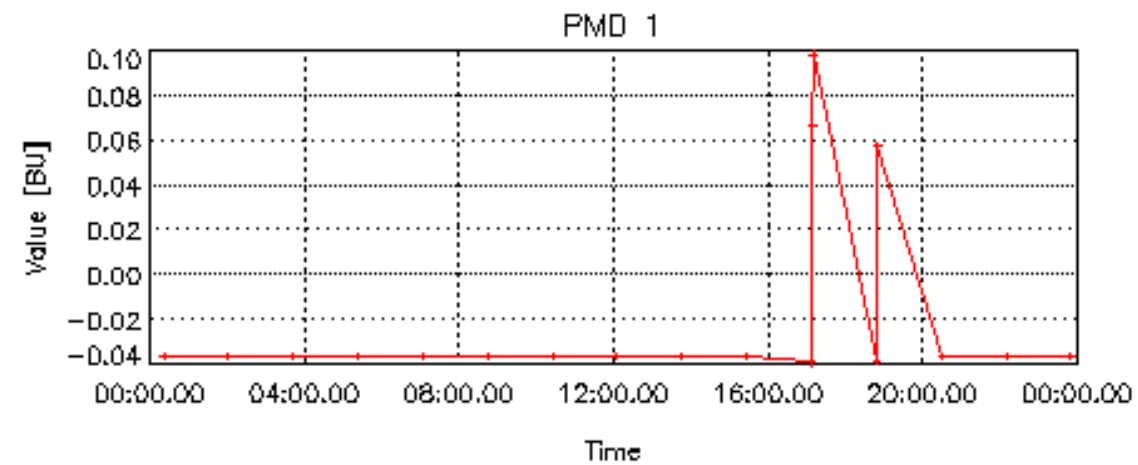


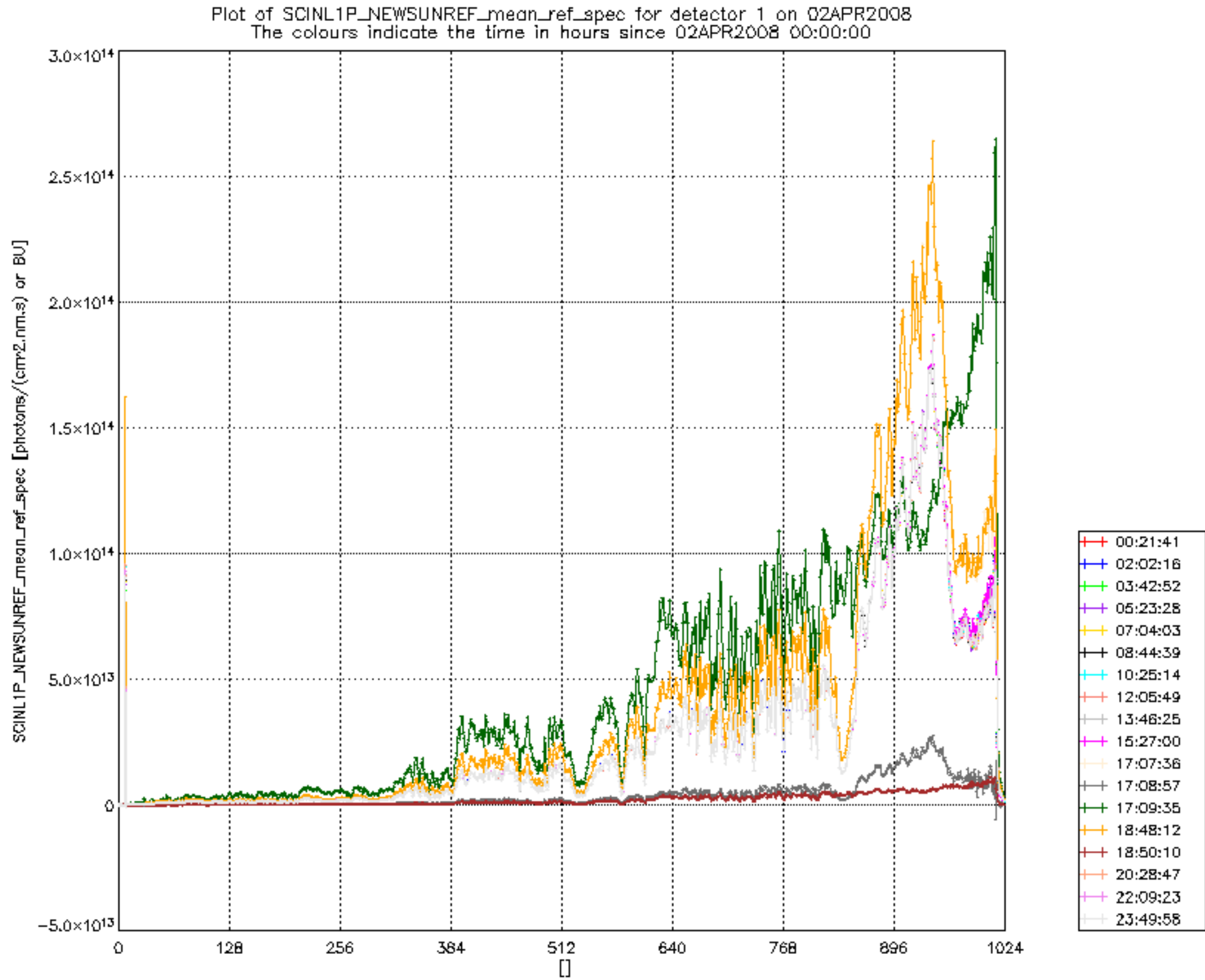




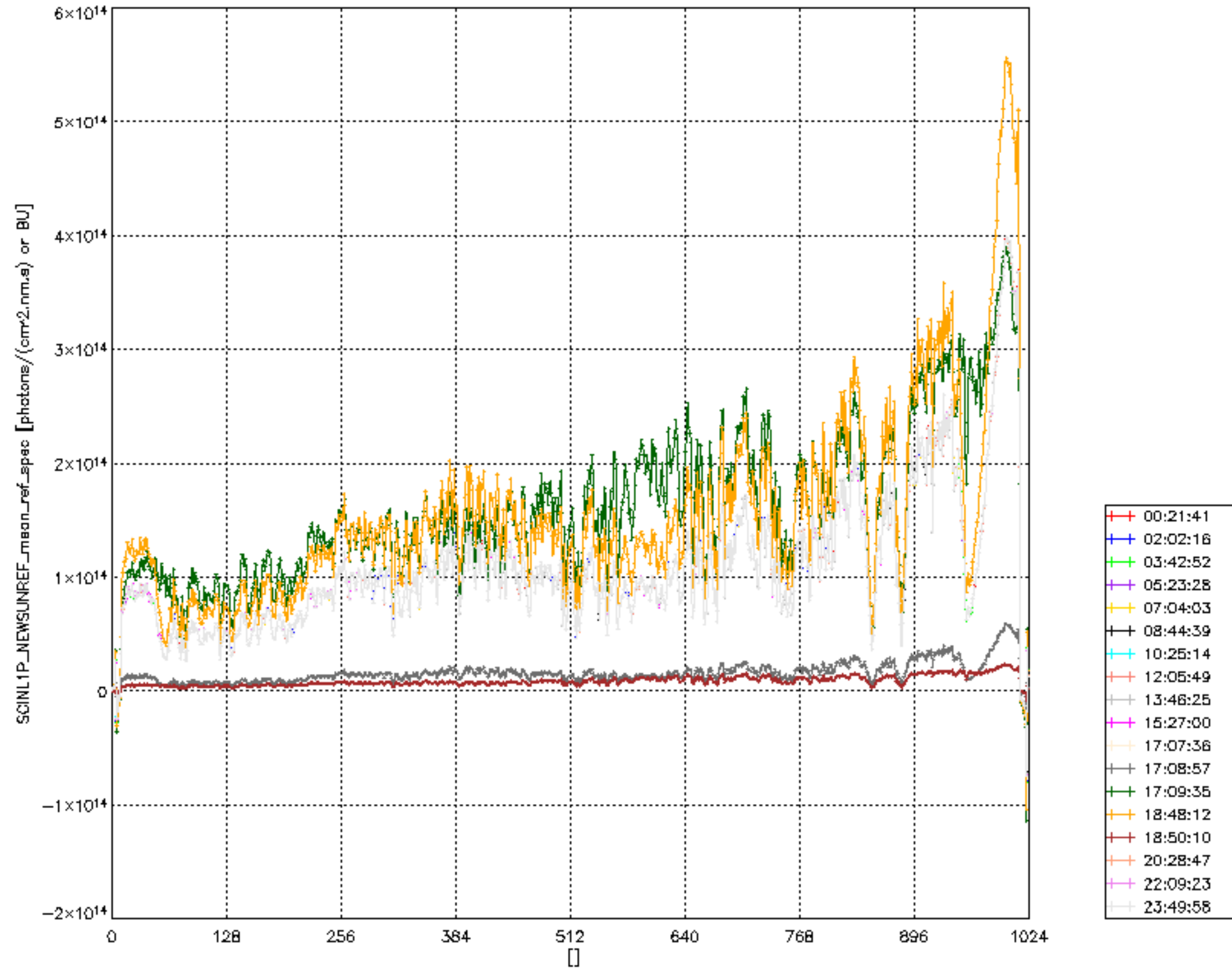




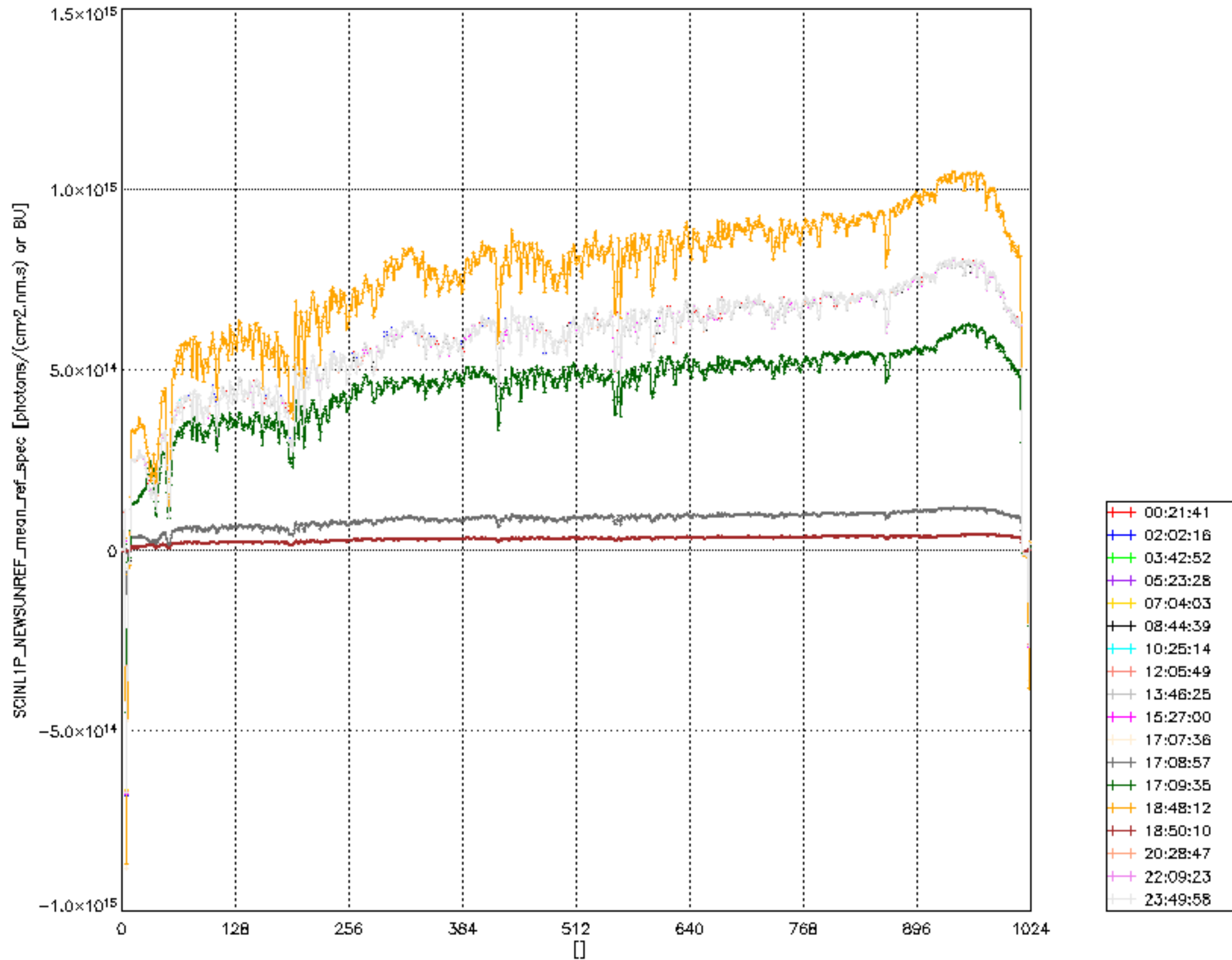




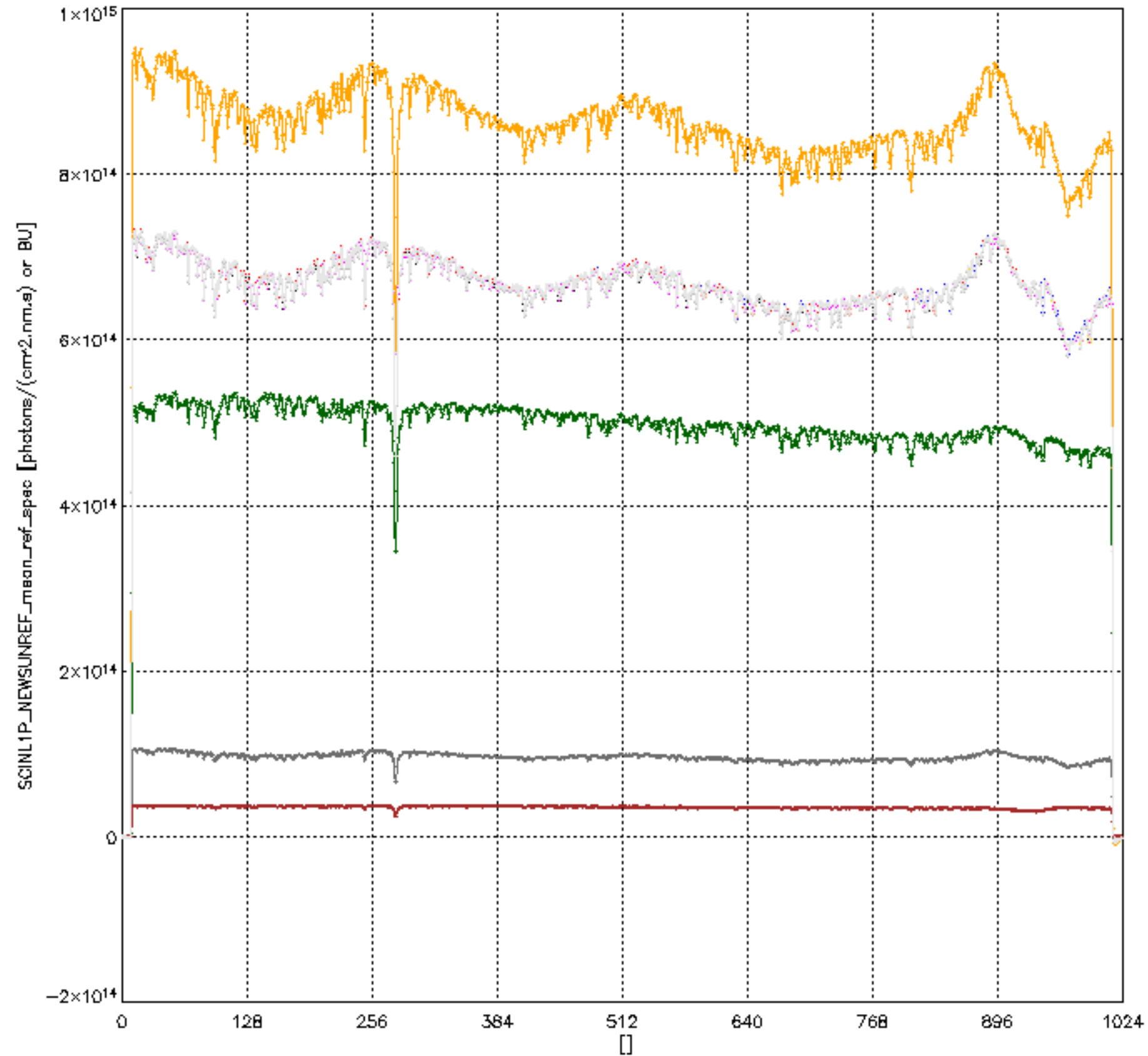
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 2 on 02APR2008
The colours indicate the time in hours since 02APR2008 00:00:00



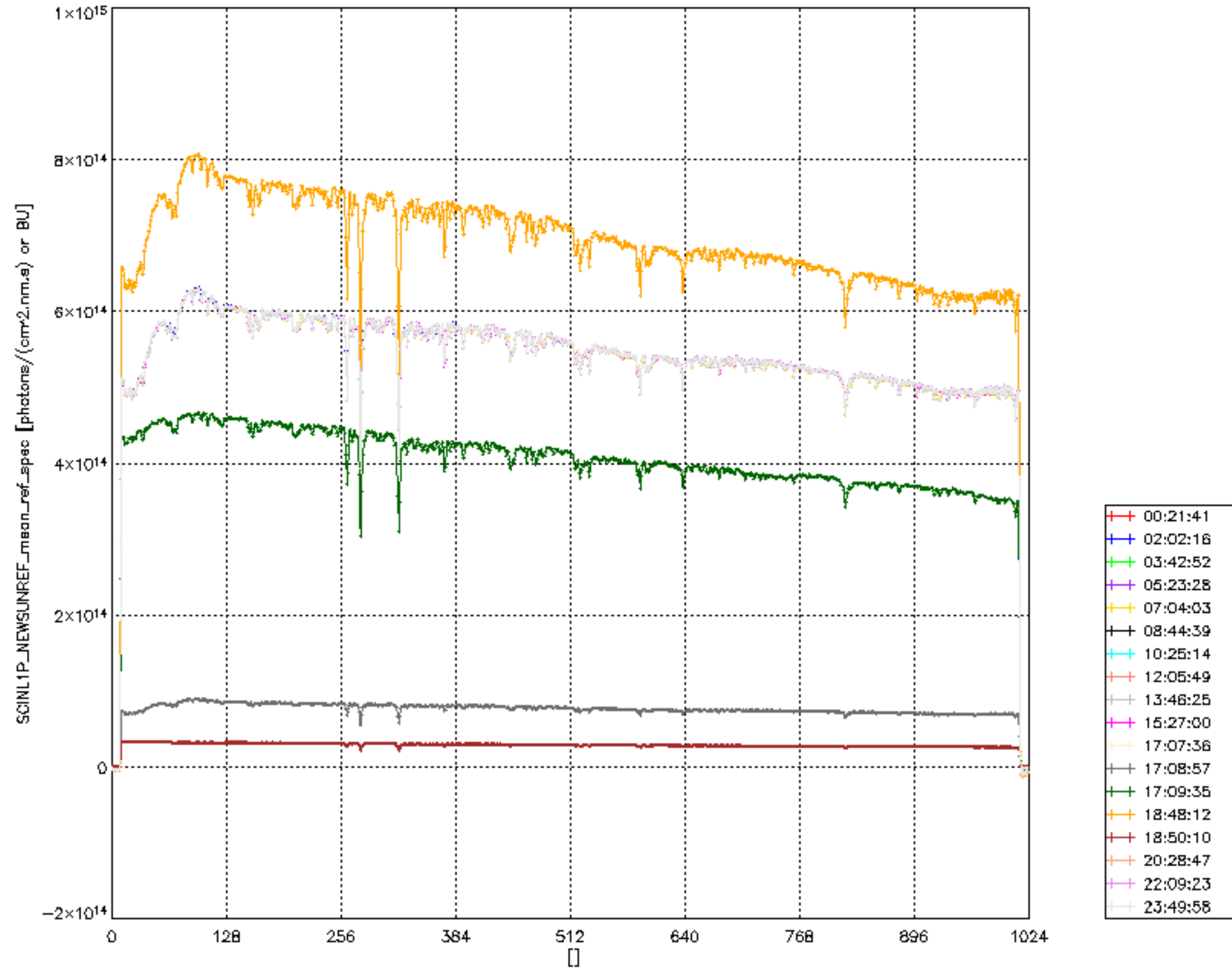
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 3 on 02APR2008
The colours indicate the time in hours since 02APR2008 00:00:00

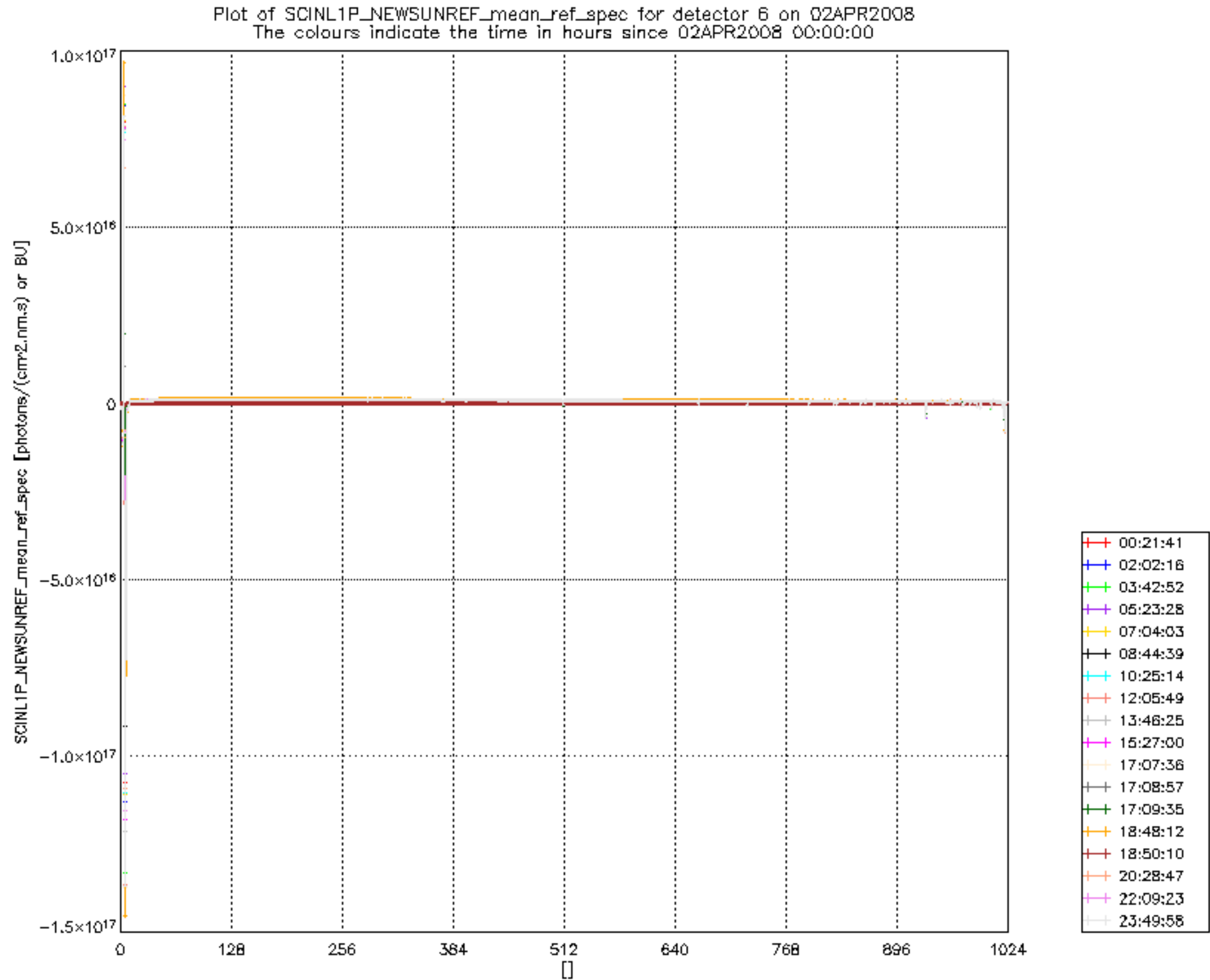


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 4 on 02APR2008
The colours indicate the time in hours since 02APR2008 00:00:00

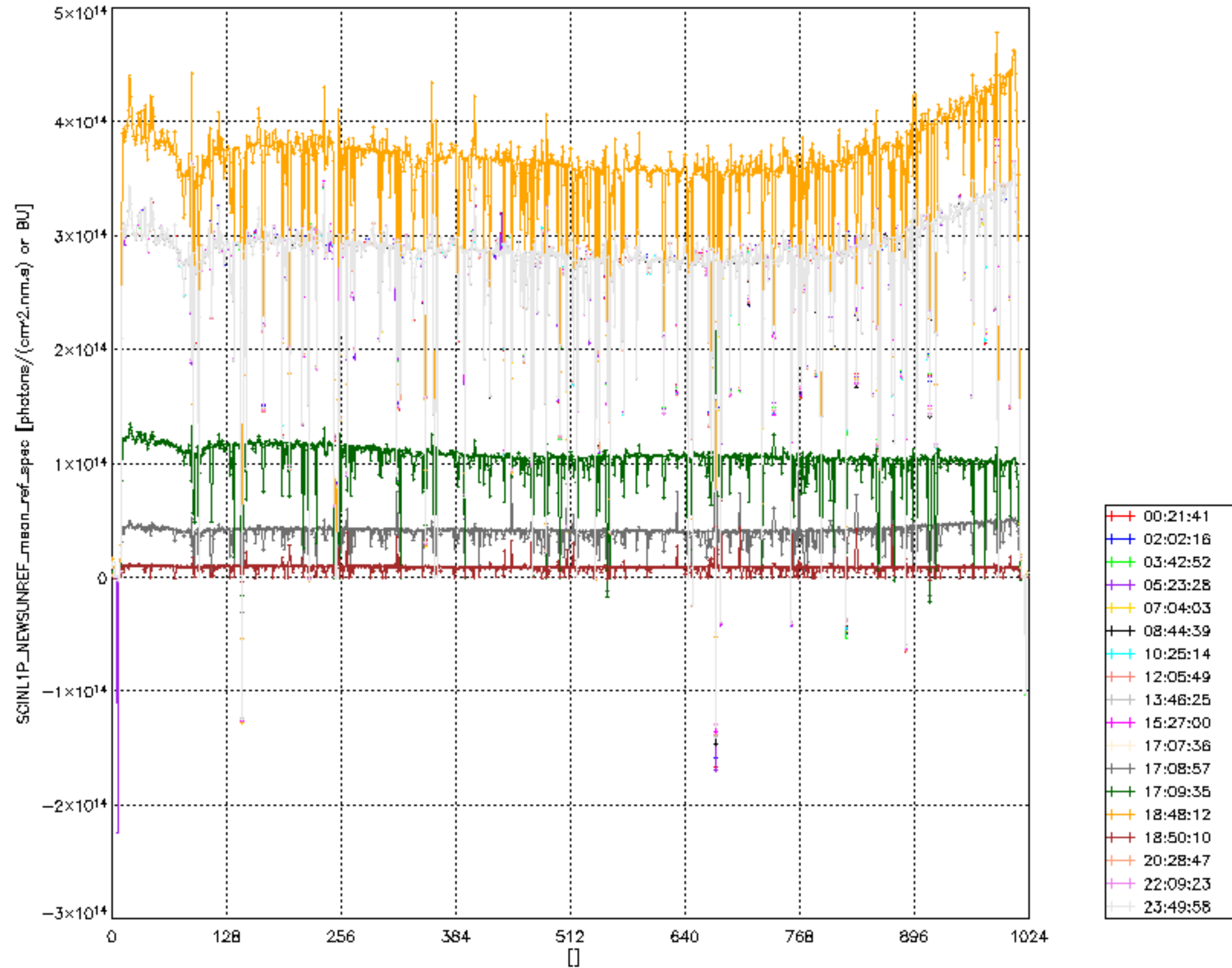


Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 5 on 02APR2008
The colours indicate the time in hours since 02APR2008 00:00:00

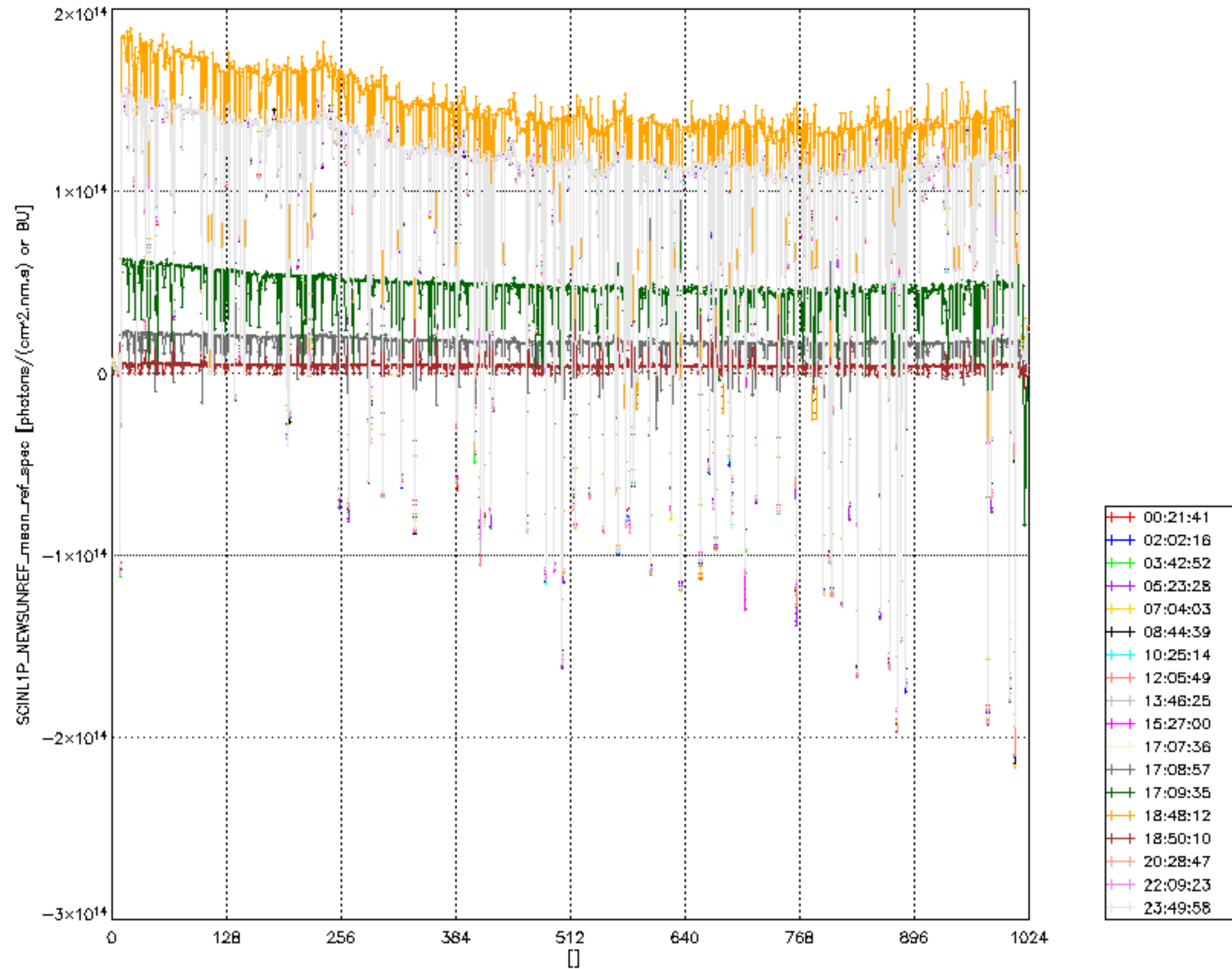




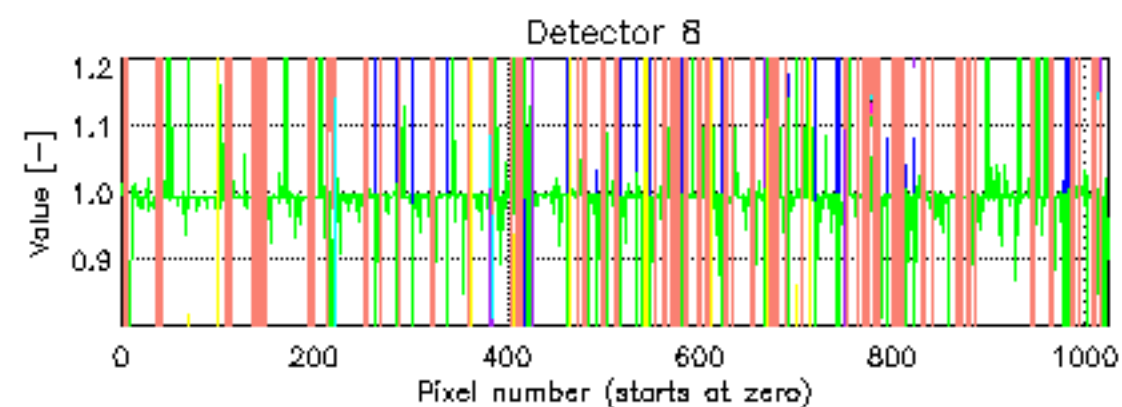
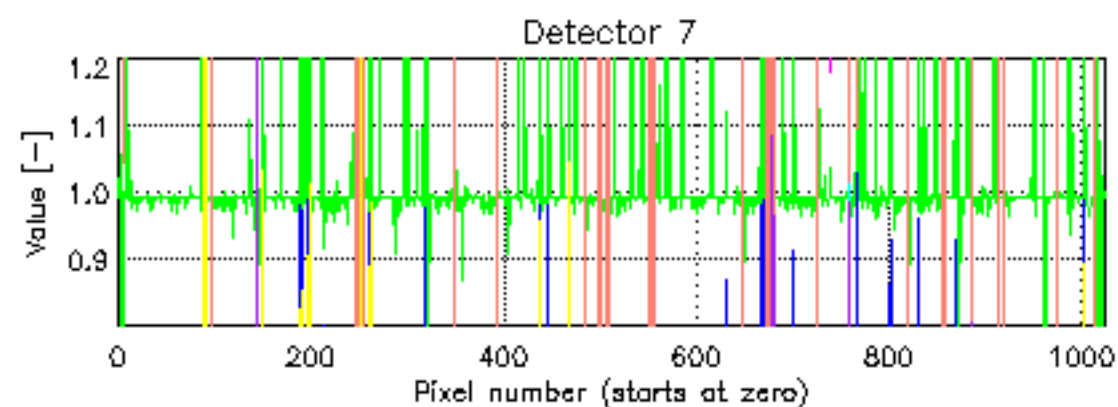
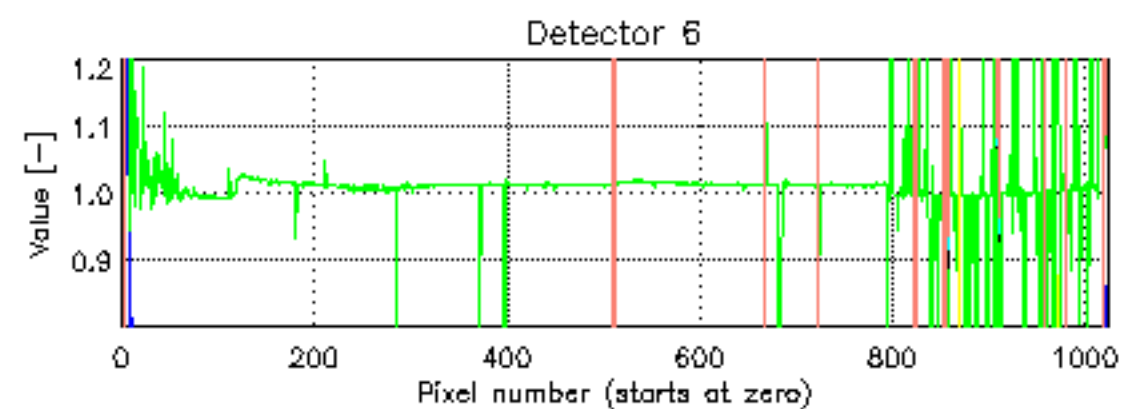
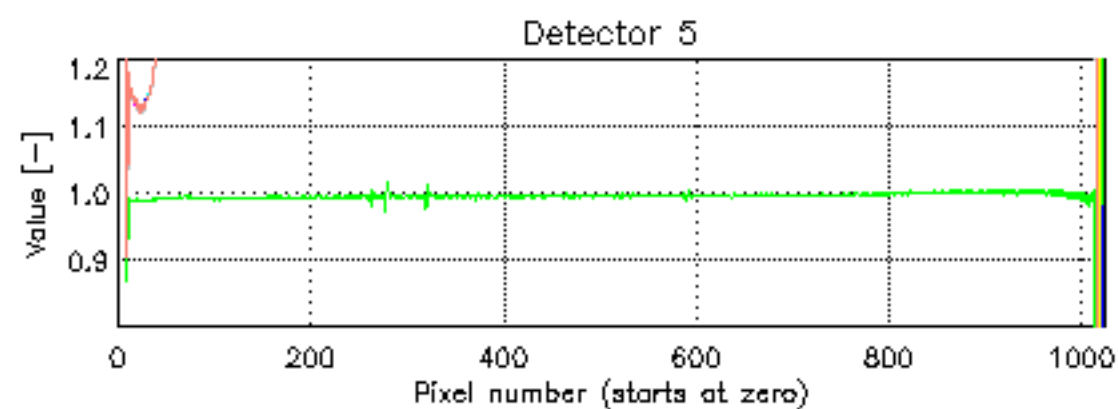
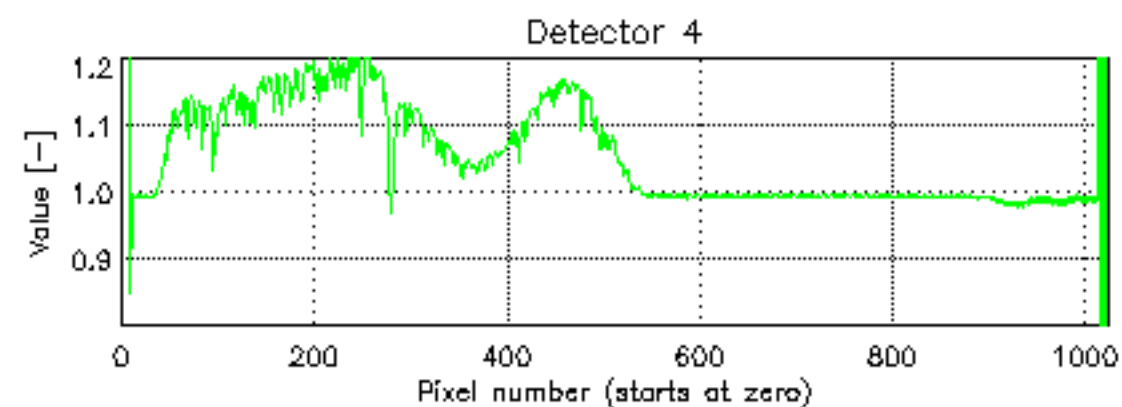
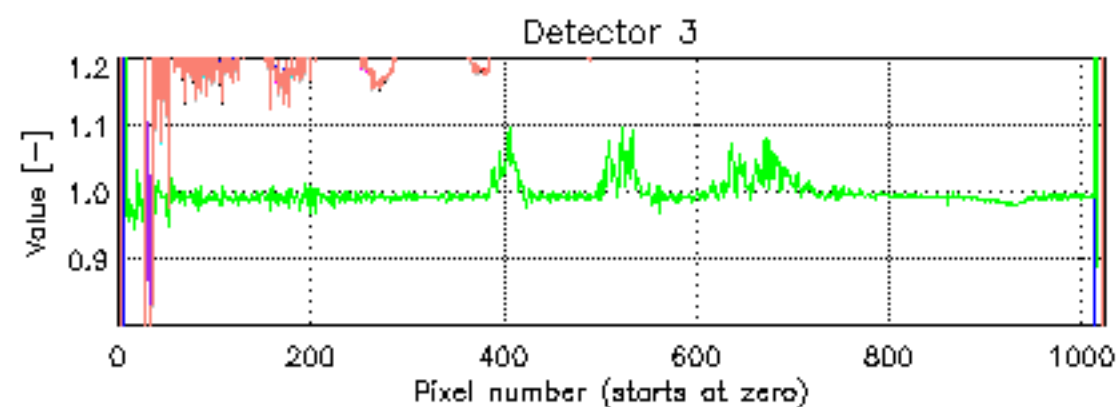
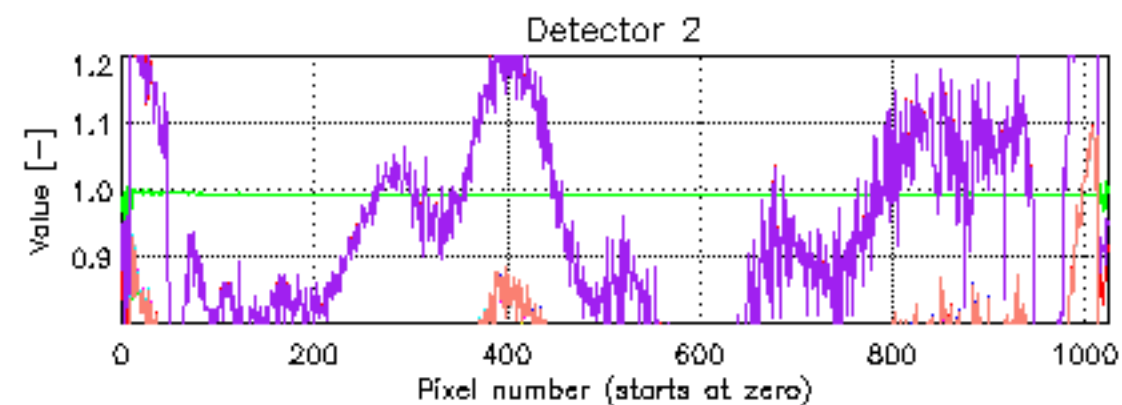
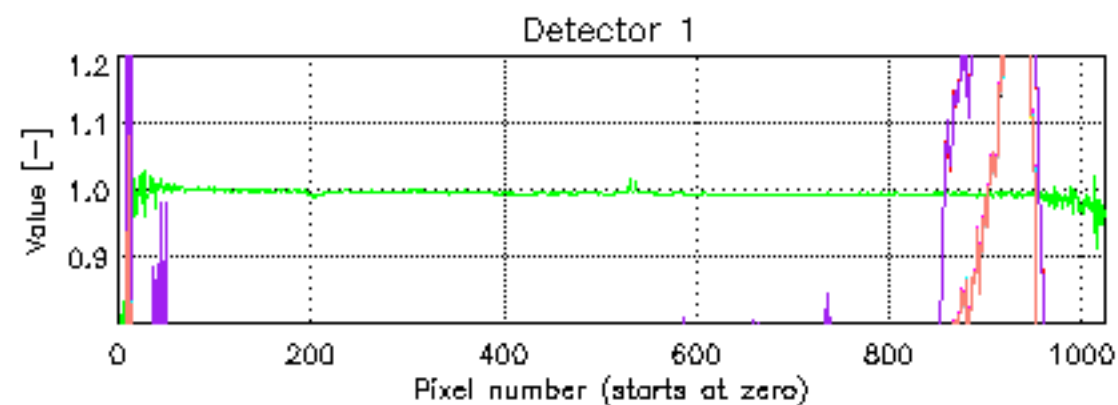
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector 7 on 02APR2008
The colours indicate the time in hours since 02APR2008 00:00:00

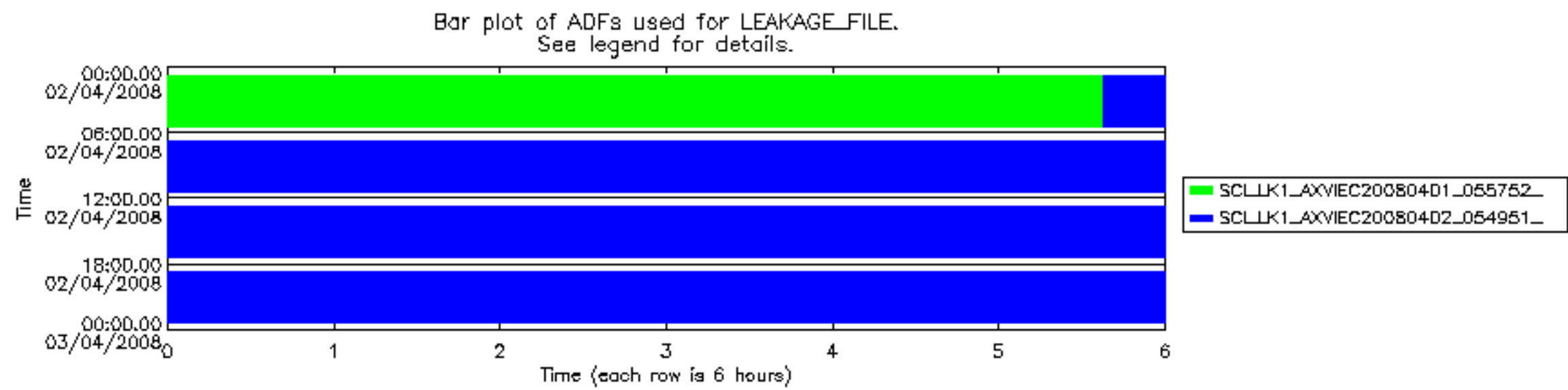


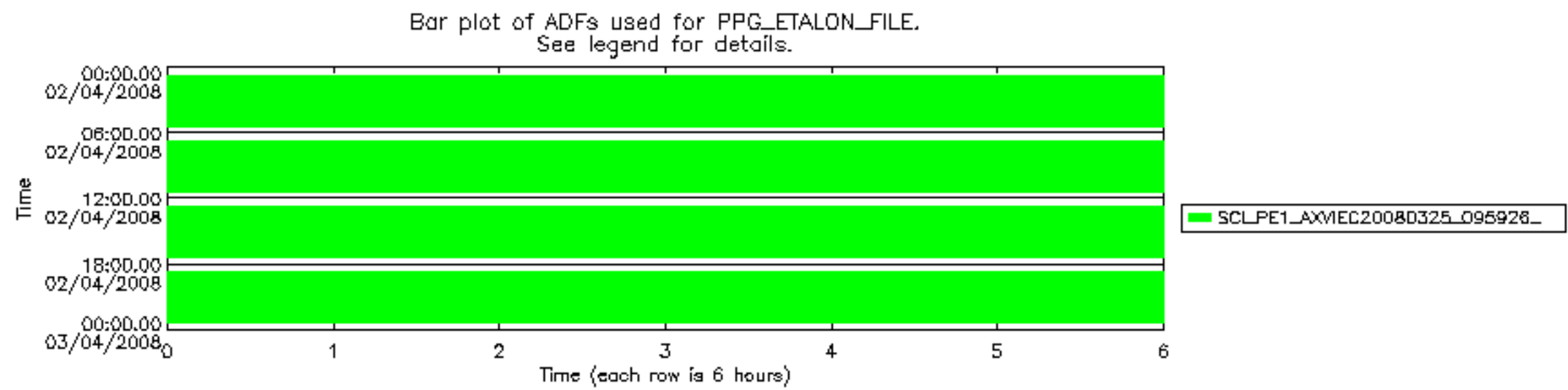
Plot of SCINL1P_NEWSUNREF_mean_ref_spec for detector B on 02APR2008
The colours indicate the time in hours since 02APR2008 00:00:00

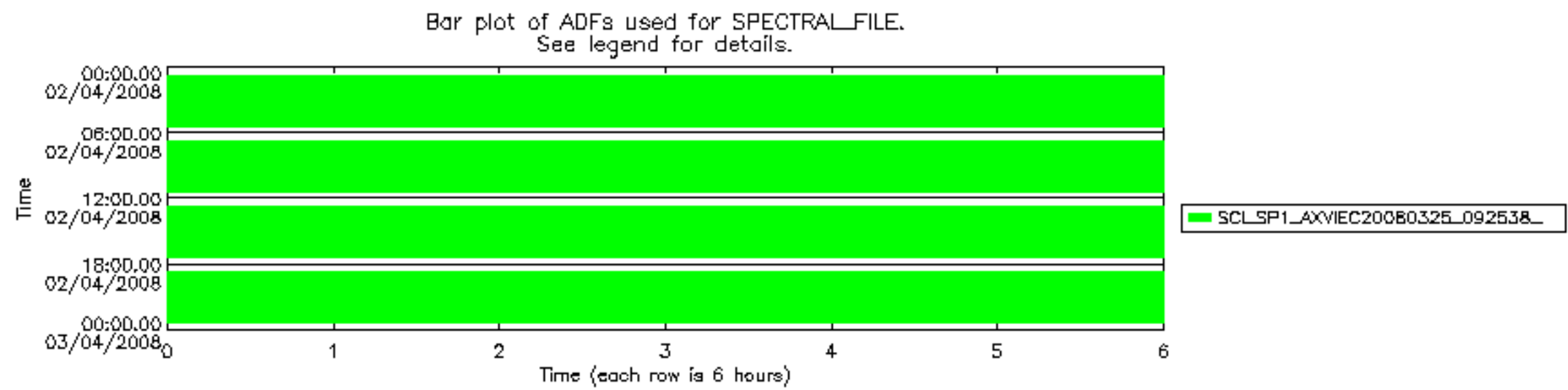


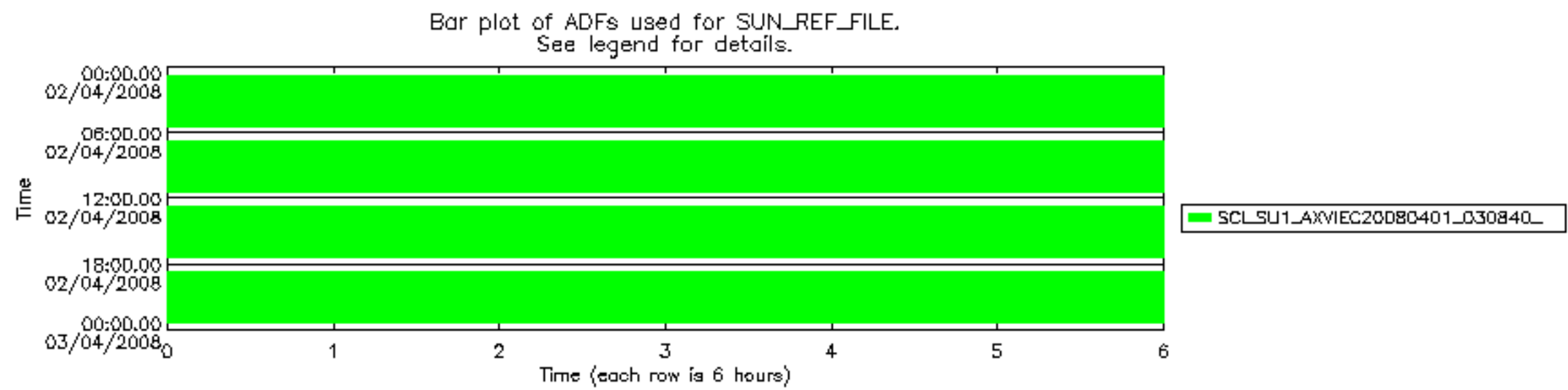
Ratio plot of D0 (ndf=1) sunref data vs. ADF
 ADF: SCLSU1_AXMEC20080401_030840_20080329_173824_20080413_191859

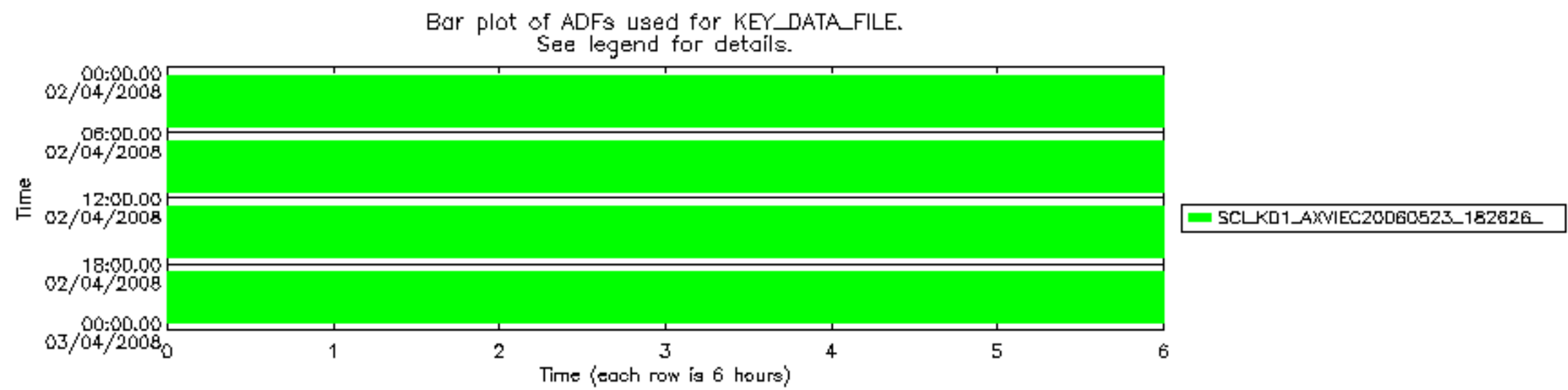


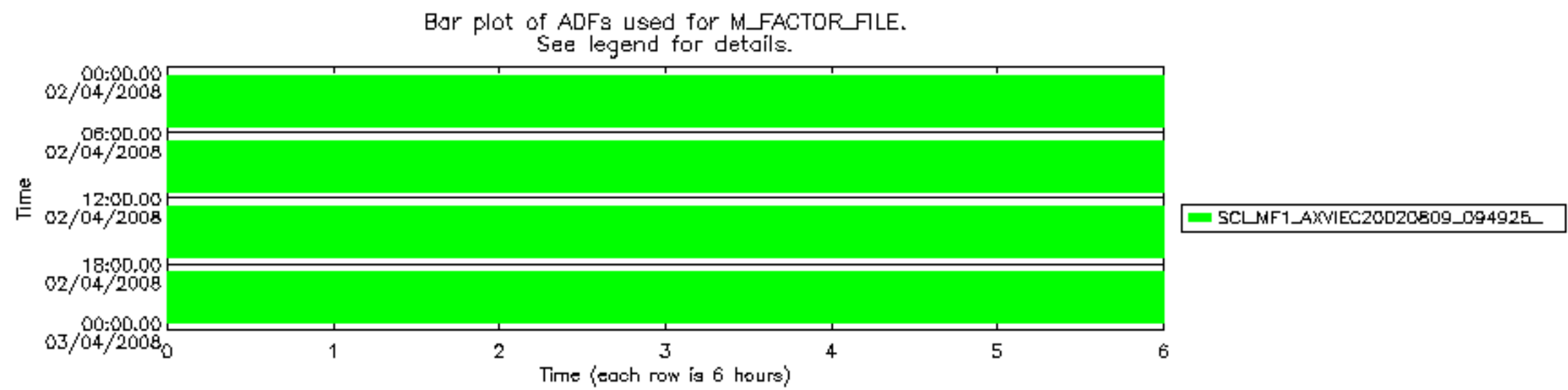


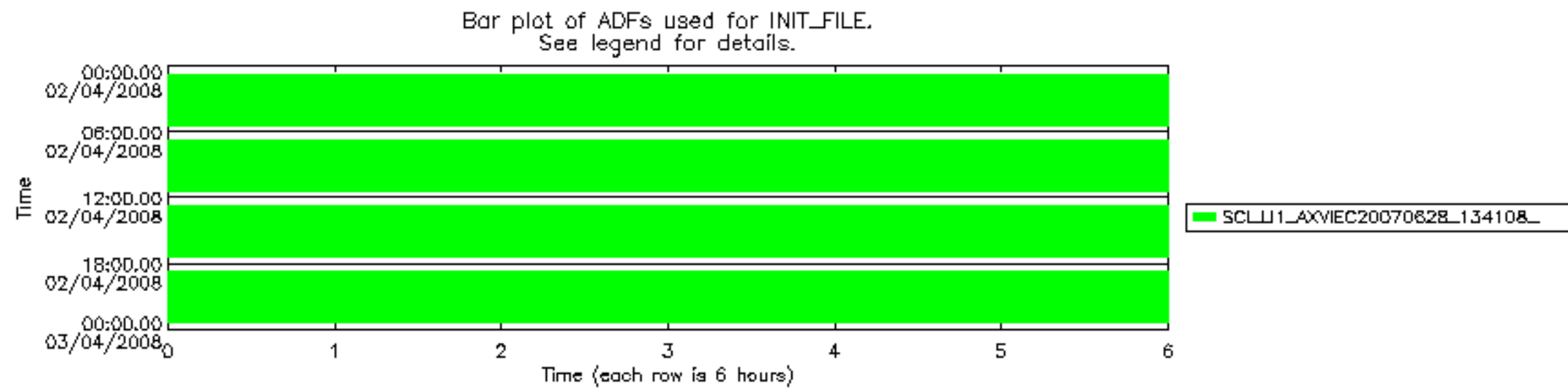


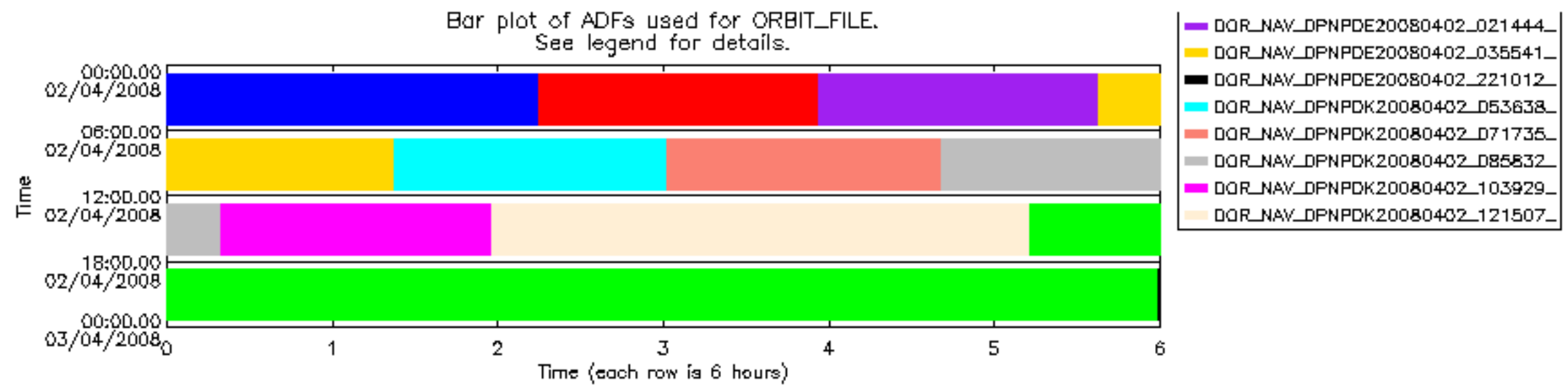


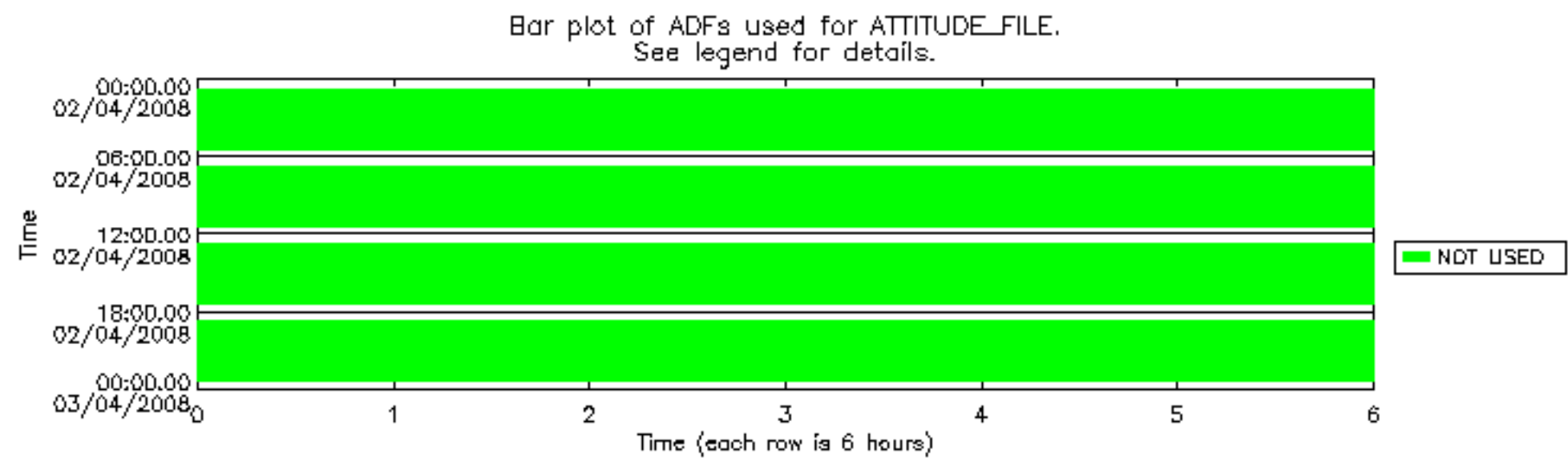












Bar plot of planned DMOP activities and new calibration data for SCIAMACHY.
 Each row indicates an orbit. A light gray colour indicates the time span of 02APR2008.
 A medium gray color indicates the time span of available SCI_NL_1P products for this day.
 The remaining colours indicate planned activities and/or special measurements.
 Planned activities are shown on the top half of each row, special measurements on the bottom half.

