GOMOS Level 2 Daily Report

SUMMARY

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1. General info

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P).
It is intended to monitor some important parameters that will impact the quality of these products.
A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 21:03:30
Data source version	GOMOS/6.01
Start time of products	23-06-2007 (23JUN2007 00:00:00)
Stop time of products	24-06-2007 (24JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	274
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070623_000159_000000342059_00159_27768_2328.N1	23-JUN-2007 00:01:59	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	27768	No
2	GOM_NL__2PRFIN20070623_000540_000000392059_00159_27768_2329.N1	23-JUN-2007 00:05:40	Bright	38.500	79	26Bet Per	2.3100	13100.	77	27768	No
3	GOM_NL__2PRFIN20070623_001626_000000392059_00159_27768_2330.N1	23-JUN-2007 00:16:26	Dark	39.000	94	92Alp Cet	2.5260	3100.0	78	27768	No
4	GOM_NL__2PRFIN20070623_002029_000000392059_00159_27768_2331.N1	23-JUN-2007 00:20:29	Dark	38.500	165	34Gam Eri	2.9500	3200.0	77	27768	No
5	GOM_NL__2PRFIN20070623_003431_000000502059_00159_27768_2332.N1	23-JUN-2007 00:34:31	Dark	50.000	9	Alp Eri	0.45300	24000.	100	27768	No
6	GOM_NL__2PRFIN20070623_003939_000000372059_00160_27769_2366.N1	23-JUN-2007 00:39:39	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27769	No
7	GOM_NL__2PRFIN20070623_005041_000000412059_00160_27769_2367.N1	23-JUN-2007 00:50:41	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27769	No
8	GOM_NL__2PRFIN20070623_005206_000000382059_00160_27769_2368.N1	23-JUN-2007 00:52:06	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27769	No
9	GOM_NL__2PRFIN20070623_005352_000000432059_00160_27769_2369.N1	23-JUN-2007 00:53:52	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27769	No
10	GOM_NL__2PRFIN20070623_005533_000000422059_00160_27769_2370.N1	23-JUN-2007 00:55:33	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27769	No
11	GOM_NL__2PRFIN20070623_005654_000000432059_00160_27769_2371.N1	23-JUN-2007 00:56:54	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27769	No
12	GOM_NL__2PRFIN20070623_005937_000000362059_00160_27769_2372.N1	23-JUN-2007 00:59:37	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27769	No
13	GOM_NL__2PRFIN20070623_010155_000000382059_00160_27769_2373.N1	23-JUN-2007 01:01:55	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27769	No
14	GOM_NL__2PRFIN20070623_010339_000000362059_00160_27769_2374.N1	23-JUN-2007 01:03:39	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27769	No
15	GOM_NL__2PRFIN20070623_010545_000000362059_00160_27769_2375.N1	23-JUN-2007 01:05:45	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27769	No
16	GOM_NL__2PRFIN20070623_010852_000000362059_00160_27769_2376.N1	23-JUN-2007 01:08:52	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27769	No
17	GOM_NL__2PRFIN20070623_011243_000000372059_00160_27769_2377.N1	23-JUN-2007 01:12:43	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27769	No
18	GOM_NL__2PRFIN20070623_011433_000000492059_00160_27769_2378.N1	23-JUN-2007 01:14:33	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	27769	No
19	GOM_NL__2PRFIN20070623_012402_000000472059_00160_27769_2379.N1	23-JUN-2007 01:24:02	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	27769	No
20	GOM_NL__2PRFIN20070623_012746_000000372059_00160_27769_2380.N1	23-JUN-2007 01:27:46	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27769	No
21	GOM_NL__2PRFIN20070623_013215_000000342059_00160_27769_2381.N1	23-JUN-2007 01:32:15	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27769	No
22	GOM_NL__2PRFIN20070623_014234_000000352059_00160_27769_2382.N1	23-JUN-2007 01:42:34	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	27769	No
23	GOM_NL__2PRFIN20070623_014616_000000452059_00160_27769_2383.N1	23-JUN-2007 01:46:16	Bright	45.000	79	26Bet Per	2.3100	13100.	90	27769	No
24	GOM_NL__2PRFIN20070623_015703_000000442059_00160_27769_2384.N1	23-JUN-2007 01:57:03	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27769	No
25	GOM_NL__2PRFIN20070623_020105_000000362059_00160_27769_2385.N1	23-JUN-2007 02:01:05	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	27769	No
26	GOM_NL__2PRFIN20070623_021507_000000382059_00160_27769_2386.N1	23-JUN-2007 02:15:07	Dark	38.000	9	Alp Eri	0.45300	24000.	76	27769	No
27	GOM_NL__2PRFIN20070623_022015_000000382059_00161_27770_2382.N1	23-JUN-2007 02:20:15	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27770	No
28	GOM_NL__2PRFIN20070623_023117_000000382059_00161_27770_2383.N1	23-JUN-2007 02:31:17	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27770	No
29	GOM_NL__2PRFIN20070623_023242_000000392059_00161_27770_2384.N1	23-JUN-2007 02:32:42	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27770	No
30	GOM_NL__2PRFIN20070623_023428_000000432059_00161_27770_2385.N1	23-JUN-2007 02:34:28	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27770	No
31	GOM_NL__2PRFIN20070623_023609_000000422059_00161_27770_2386.N1	23-JUN-2007 02:36:09	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27770	No
32	GOM_NL__2PRFIN20070623_023730_000000472059_00161_27770_2387.N1	23-JUN-2007 02:37:30	Bright	47.000	75	26Eps Sco	2.2910	4250.0	94	27770	No
33	GOM_NL__2PRFIN20070623_024013_000000362059_00161_27770_2388.N1	23-JUN-2007 02:40:13	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27770	No
34	GOM_NL__2PRFIN20070623_024231_000000372059_00161_27770_2389.N1	23-JUN-2007 02:42:31	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27770	No
35	GOM_NL__2PRFIN20070623_024415_000000362059_00161_27770_2390.N1	23-JUN-2007 02:44:15	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27770	No
36	GOM_NL__2PRFIN20070623_024621_000000362059_00161_27770_2391.N1	23-JUN-2007 02:46:21	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27770	No
37	GOM_NL__2PRFIN20070623_024929_000000372059_00161_27770_2392.N1	23-JUN-2007 02:49:29	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27770	No
38	GOM_NL__2PRFIN20070623_025319_000000362059_00161_27770_2393.N1	23-JUN-2007 02:53:19	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27770	No
39	GOM_NL__2PRFIN20070623_025509_000000342059_00161_27770_2394.N1	23-JUN-2007 02:55:09	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27770	No
40	GOM_NL__2PRFIN20070623_030438_000000342059_00161_27770_2395.N1	23-JUN-2007 03:04:38	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27770	No
41	GOM_NL__2PRFIN20070623_030822_000000342059_00161_27770_2396.N1	23-JUN-2007 03:08:22	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27770	No
42	GOM_NL__2PRFIN20070623_031251_000000332059_00161_27770_2397.N1	23-JUN-2007 03:12:51	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27770	No

43	GOM_NL__2PRFIN20070623_032310_000000542059_00161_27770_2398.N1	23-JUN-2007 03:23:10	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	27770	No
44	GOM_NL__2PRFIN20070623_032652_000000542059_00161_27770_2399.N1	23-JUN-2007 03:26:52	Bright	54.000	79	26Bet Per	2.3100	13100.	108	27770	No
45	GOM_NL__2PRFIN20070623_033739_000000472059_00161_27770_2400.N1	23-JUN-2007 03:37:39	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	27770	No
46	GOM_NL__2PRFIN20070623_034141_000000342059_00161_27770_2401.N1	23-JUN-2007 03:41:41	Dark	34.000	165	34Gam Eri	2.9500	3200.0	68	27770	No
47	GOM_NL__2PRFIN20070623_035543_000000402059_00161_27770_2402.N1	23-JUN-2007 03:55:43	Dark	40.000	9	Alp Eri	0.45300	24000.	80	27770	No
48	GOM_NL__2PRFIN20070623_040051_000000382059_00162_27771_2398.N1	23-JUN-2007 04:00:51	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27771	No
49	GOM_NL__2PRFIN20070623_041153_000000432059_00162_27771_2399.N1	23-JUN-2007 04:11:53	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27771	No
50	GOM_NL__2PRFIN20070623_041318_000000372059_00162_27771_2400.N1	23-JUN-2007 04:13:18	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27771	No
51	GOM_NL__2PRFIN20070623_041505_000000402059_00162_27771_2401.N1	23-JUN-2007 04:15:05	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27771	No
52	GOM_NL__2PRFIN20070623_041646_000000412059_00162_27771_2402.N1	23-JUN-2007 04:16:46	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27771	No
53	GOM_NL__2PRFIN20070623_041807_000000522059_00162_27771_2403.N1	23-JUN-2007 04:18:07	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27771	No
54	GOM_NL__2PRFIN20070623_042050_000000352059_00162_27771_2404.N1	23-JUN-2007 04:20:50	Bright	35.000	156	20Sig Sco	2.9030	28000.	70	27771	No
55	GOM_NL__2PRFIN20070623_042307_000000372059_00162_27771_2405.N1	23-JUN-2007 04:23:07	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27771	No
56	GOM_NL__2PRFIN20070623_042451_000000362059_00162_27771_2406.N1	23-JUN-2007 04:24:51	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27771	No
57	GOM_NL__2PRFIN20070623_042658_000000362059_00162_27771_2407.N1	23-JUN-2007 04:26:58	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27771	No
58	GOM_NL__2PRFIN20070623_043005_000000372059_00162_27771_2408.N1	23-JUN-2007 04:30:05	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27771	No
59	GOM_NL__2PRFIN20070623_043355_000000372059_00162_27771_2409.N1	23-JUN-2007 04:33:55	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27771	No
60	GOM_NL__2PRFIN20070623_043546_000000362059_00162_27771_2410.N1	23-JUN-2007 04:35:46	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27771	No
61	GOM_NL__2PRFIN20070623_044514_000000352059_00162_27771_2411.N1	23-JUN-2007 04:45:14	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27771	No
62	GOM_NL__2PRFIN20070623_044859_000000322059_00162_27771_2412.N1	23-JUN-2007 04:48:59	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27771	No
63	GOM_NL__2PRFIN20070623_045327_000000342059_00162_27771_2413.N1	23-JUN-2007 04:53:27	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27771	No
64	GOM_NL__2PRFIN20070623_050346_000000402059_00162_27771_2414.N1	23-JUN-2007 05:03:46	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	27771	No
65	GOM_NL__2PRFIN20070623_050728_000000352059_00162_27771_2415.N1	23-JUN-2007 05:07:28	Bright	34.500	79	26Bet Per	2.3100	13100.	69	27771	No
66	GOM_NL__2PRFIN20070623_051815_000000412059_00162_27771_2416.N1	23-JUN-2007 05:18:15	Dark	40.500	94	92Alp Cet	2.5260	3100.0	81	27771	No
67	GOM_NL__2PRFIN20070623_052217_000000362059_00162_27771_2417.N1	23-JUN-2007 05:22:17	Dark	35.500	165	34Gam Eri	2.9500	3200.0	71	27771	No
68	GOM_NL__2PRFIN20070623_053620_000000432059_00162_27771_2418.N1	23-JUN-2007 05:36:20	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27771	No
69	GOM_NL__2PRFIN20070623_054127_000000352059_00163_27772_2413.N1	23-JUN-2007 05:41:27	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	27772	No
70	GOM_NL__2PRFIN20070623_055230_000000402059_00163_27772_2414.N1	23-JUN-2007 05:52:30	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27772	No
71	GOM_NL__2PRFIN20070623_055354_000000372059_00163_27772_2415.N1	23-JUN-2007 05:53:54	Straylight	36.500	147	Alp Ara	2.8770	26000.	73	27772	No
72	GOM_NL__2PRFIN20070623_055541_000000392059_00163_27772_2416.N1	23-JUN-2007 05:55:41	Twi_and_stray	39.000	40	The Sco	1.8590	7100.0	78	27772	No
73	GOM_NL__2PRFIN20070623_055722_000000392059_00163_27772_2417.N1	23-JUN-2007 05:57:22	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	27772	No
74	GOM_NL__2PRFIN20070623_055843_000000452059_00163_27772_2418.N1	23-JUN-2007 05:58:43	Bright	45.000	75	26Eps Sco	2.2910	4250.0	90	27772	No
75	GOM_NL__2PRFIN20070623_060126_000000372059_00163_27772_2419.N1	23-JUN-2007 06:01:26	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27772	No
76	GOM_NL__2PRFIN20070623_060343_000000382059_00163_27772_2420.N1	23-JUN-2007 06:03:43	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27772	No
77	GOM_NL__2PRFIN20070623_060527_000000362059_00163_27772_2421.N1	23-JUN-2007 06:05:27	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27772	No
78	GOM_NL__2PRFIN20070623_060734_000000362059_00163_27772_2422.N1	23-JUN-2007 06:07:34	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27772	No
79	GOM_NL__2PRFIN20070623_061041_000000352059_00163_27772_2423.N1	23-JUN-2007 06:10:41	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27772	No
80	GOM_NL__2PRFIN20070623_061431_000000342059_00163_27772_2424.N1	23-JUN-2007 06:14:31	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	27772	No
81	GOM_NL__2PRFIN20070623_061622_000000362059_00163_27772_2425.N1	23-JUN-2007 06:16:22	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27772	No
82	GOM_NL__2PRFIN20070623_062550_000000372059_00163_27772_2426.N1	23-JUN-2007 06:25:50	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27772	No
83	GOM_NL__2PRFIN20070623_062935_000000372059_00163_27772_2427.N1	23-JUN-2007 06:29:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27772	No
84	GOM_NL__2PRFIN20070623_063403_000000362059_00163_27772_2428.N1	23-JUN-2007 06:34:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27772	No
85	GOM_NL__2PRFIN20070623_064422_000000432059_00163_27772_2429.N1	23-JUN-2007 06:44:22	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	27772	No
86	GOM_NL__2PRFIN20070623_064804_000000402059_00163_27772_2430.N1	23-JUN-2007 06:48:04	Bright	40.000	79	26Bet Per	2.3100	13100.	80	27772	No
87	GOM_NL__2PRFIN20070623_065852_000000372059_00163_27772_2431.N1	23-JUN-2007 06:58:52	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27772	No
88	GOM_NL__2PRFIN20070623_070253_000000432059_00163_27772_2432.N1	23-JUN-2007 07:02:53	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27772	No
89	GOM_NL__2PRFIN20070623_071656_000000442059_00163_27772_2433.N1	23-JUN-2007 07:16:56	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27772	No
90	GOM_NL__2PRFIN20070623_072204_000000362059_00164_27773_2424.N1	23-JUN-2007 07:22:04	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27773	No
91	GOM_NL__2PRFIN20070623_073306_000000392059_00164_27773_2425.N1	23-JUN-2007 07:33:06	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27773	No
92	GOM_NL__2PRFIN20070623_073431_000000402059_00164_27773_2426.N1	23-JUN-2007 07:34:31	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	27773	No
93	GOM_NL__2PRFIN20070623_073617_000000422059_00164_27773_2427.N1	23-JUN-2007 07:36:17	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27773	No
94	GOM_NL__2PRFIN20070623_073758_000000432059_00164_27773_2428.N1	23-JUN-2007 07:37:58	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27773	No
95	GOM_NL__2PRFIN20070623_073919_000000422059_00164_27773_2429.N1	23-JUN-2007 07:39:19	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27773	No
96	GOM_NL__2PRFIN20070623_074202_000000362059_00164_27773_2430.N1	23-JUN-2007 07:42:02	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27773	No
97	GOM_NL__2PRFIN20070623_074419_000000382059_00164_27773_2431.N1	23-JUN-2007 07:44:19	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27773	No
98	GOM_NL__2PRFIN20070623_074603_000000362059_00164_27773_2432.N1	23-JUN-2007 07:46:03	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27773	No
99	GOM_NL__2PRFIN20070623_074810_000000362059_00164_27773_2433.N1	23-JUN-2007 07:48:10	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27773	No
100	GOM_NL__2PRFIN20070623_075117_000000372059_00164_27773_2434.N1	23-JUN-2007 07:51:17	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27773	No
101	GOM_NL__2PRFIN20070623_075507_000000352059_00164_27773_2435.N1	23-JUN-2007 07:55:07	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27773	No

102	GOM_NL__2PRFIN20070623_075658_000000352059_00164_27773_2436.N1	23-JUN-2007 07:56:58	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27773	No
103	GOM_NL__2PRFIN20070623_080626_000000362059_00164_27773_2437.N1	23-JUN-2007 08:06:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27773	No
104	GOM_NL__2PRFIN20070623_081011_000000332059_00164_27773_2438.N1	23-JUN-2007 08:10:11	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	27773	No
105	GOM_NL__2PRFIN20070623_081439_000000362059_00164_27773_2439.N1	23-JUN-2007 08:14:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27773	No
106	GOM_NL__2PRFIN20070623_082458_000000352059_00164_27773_2440.N1	23-JUN-2007 08:24:58	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27773	No
107	GOM_NL__2PRFIN20070623_082840_000000422059_00164_27773_2441.N1	23-JUN-2007 08:28:40	Bright	41.500	79	26Bet Per	2.3100	13100.	83	27773	No
108	GOM_NL__2PRFIN20070623_083928_000000372059_00164_27773_2442.N1	23-JUN-2007 08:39:28	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27773	No
109	GOM_NL__2PRFIN20070623_084329_000000412059_00164_27773_2443.N1	23-JUN-2007 08:43:29	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	27773	No
110	GOM_NL__2PRFIN20070623_085733_000000392059_00164_27773_2444.N1	23-JUN-2007 08:57:33	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27773	No
111	GOM_NL__2PRFIN20070623_090240_000000352059_00165_27774_2479.N1	23-JUN-2007 09:02:40	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	27774	No
112	GOM_NL__2PRFIN20070623_091342_000000392059_00165_27774_2480.N1	23-JUN-2007 09:13:42	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27774	No
113	GOM_NL__2PRFIN20070623_091507_000000402059_00165_27774_2481.N1	23-JUN-2007 09:15:07	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	27774	No
114	GOM_NL__2PRFIN20070623_091653_000000422059_00165_27774_2482.N1	23-JUN-2007 09:16:53	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27774	No
115	GOM_NL__2PRFIN20070623_091834_000000422059_00165_27774_2483.N1	23-JUN-2007 09:18:34	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27774	No
116	GOM_NL__2PRFIN20070623_091955_000000452059_00165_27774_2484.N1	23-JUN-2007 09:19:55	Bright	44.500	75	26Eps Sco	2.2910	4250.0	89	27774	No
117	GOM_NL__2PRFIN20070623_092238_000000372059_00165_27774_2485.N1	23-JUN-2007 09:22:38	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27774	No
118	GOM_NL__2PRFIN20070623_092456_000000372059_00165_27774_2486.N1	23-JUN-2007 09:24:56	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27774	No
119	GOM_NL__2PRFIN20070623_092639_000000352059_00165_27774_2487.N1	23-JUN-2007 09:26:39	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	27774	No
120	GOM_NL__2PRFIN20070623_092846_000000362059_00165_27774_2488.N1	23-JUN-2007 09:28:46	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27774	No
121	GOM_NL__2PRFIN20070623_093153_000000372059_00165_27774_2489.N1	23-JUN-2007 09:31:53	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27774	No
122	GOM_NL__2PRFIN20070623_093543_000000362059_00165_27774_2490.N1	23-JUN-2007 09:35:43	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27774	No
123	GOM_NL__2PRFIN20070623_093734_000000362059_00165_27774_2491.N1	23-JUN-2007 09:37:34	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27774	No
124	GOM_NL__2PRFIN20070623_094702_000000362059_00165_27774_2492.N1	23-JUN-2007 09:47:02	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27774	No
125	GOM_NL__2PRFIN20070623_095047_000000342059_00165_27774_2493.N1	23-JUN-2007 09:50:47	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27774	No
126	GOM_NL__2PRFIN20070623_095515_000000362059_00165_27774_2494.N1	23-JUN-2007 09:55:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27774	No
127	GOM_NL__2PRFIN20070623_100534_000000542059_00165_27774_2495.N1	23-JUN-2007 10:05:34	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	27774	No
128	GOM_NL__2PRFIN20070623_100916_000000362059_00165_27774_2496.N1	23-JUN-2007 10:09:16	Bright	36.000	79	26Bet Per	2.3100	13100.	72	27774	No
129	GOM_NL__2PRFIN20070623_102004_000000442059_00165_27774_2497.N1	23-JUN-2007 10:20:04	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27774	No
130	GOM_NL__2PRFIN20070623_102405_000000412059_00165_27774_2498.N1	23-JUN-2007 10:24:05	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	27774	No
131	GOM_NL__2PRFIN20070623_103809_000000392059_00165_27774_2499.N1	23-JUN-2007 10:38:09	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27774	No
132	GOM_NL__2PRFIN20070623_104316_000000362059_00166_27775_2495.N1	23-JUN-2007 10:43:16	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27775	No
133	GOM_NL__2PRFIN20070623_105418_000000382059_00166_27775_2496.N1	23-JUN-2007 10:54:18	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27775	No
134	GOM_NL__2PRFIN20070623_105543_000000392059_00166_27775_2497.N1	23-JUN-2007 10:55:43	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27775	No
135	GOM_NL__2PRFIN20070623_105729_000000402059_00166_27775_2498.N1	23-JUN-2007 10:57:29	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27775	No
136	GOM_NL__2PRFIN20070623_105911_000000422059_00166_27775_2499.N1	23-JUN-2007 10:59:11	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27775	No
137	GOM_NL__2PRFIN20070623_110031_000000432059_00166_27775_2500.N1	23-JUN-2007 11:00:31	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27775	No
138	GOM_NL__2PRFIN20070623_110314_000000372059_00166_27775_2501.N1	23-JUN-2007 11:03:14	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27775	No
139	GOM_NL__2PRFIN20070623_110532_000000372059_00166_27775_2502.N1	23-JUN-2007 11:05:32	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27775	No
140	GOM_NL__2PRFIN20070623_110715_000000362059_00166_27775_2503.N1	23-JUN-2007 11:07:15	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27775	No
141	GOM_NL__2PRFIN20070623_110922_000000362059_00166_27775_2504.N1	23-JUN-2007 11:09:22	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27775	No
142	GOM_NL__2PRFIN20070623_111229_000000372059_00166_27775_2505.N1	23-JUN-2007 11:12:29	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27775	No
143	GOM_NL__2PRFIN20070623_111619_000000362059_00166_27775_2506.N1	23-JUN-2007 11:16:19	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27775	No
144	GOM_NL__2PRFIN20070623_111810_000000362059_00166_27775_2507.N1	23-JUN-2007 11:18:10	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27775	No
145	GOM_NL__2PRFIN20070623_112738_000000372059_00166_27775_2508.N1	23-JUN-2007 11:27:38	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27775	No
146	GOM_NL__2PRFIN20070623_113123_000000372059_00166_27775_2509.N1	23-JUN-2007 11:31:23	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27775	No
147	GOM_NL__2PRFIN20070623_113551_000000362059_00166_27775_2510.N1	23-JUN-2007 11:35:51	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27775	No
148	GOM_NL__2PRFIN20070623_114610_000000342059_00166_27775_2511.N1	23-JUN-2007 11:46:10	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27775	No
149	GOM_NL__2PRFIN20070623_114952_000000372059_00166_27775_2512.N1	23-JUN-2007 11:49:52	Bright	36.500	79	26Bet Per	2.3100	13100.	73	27775	No
150	GOM_NL__2PRFIN20070623_120040_000000442059_00166_27775_2513.N1	23-JUN-2007 12:00:40	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27775	No
151	GOM_NL__2PRFIN20070623_120441_000000422059_00166_27775_2514.N1	23-JUN-2007 12:04:41	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	27775	No
152	GOM_NL__2PRFIN20070623_121845_000000462059_00166_27775_2515.N1	23-JUN-2007 12:18:45	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27775	No
153	GOM_NL__2PRFIN20070623_122352_000000362059_00167_27776_2543.N1	23-JUN-2007 12:23:52	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27776	No
154	GOM_NL__2PRFIN20070623_123454_000000372059_00167_27776_2544.N1	23-JUN-2007 12:34:54	Straylight	36.500	141	Bet Ara	2.8400	4600.0	73	27776	No
155	GOM_NL__2PRFIN20070623_123619_000000372059_00167_27776_2545.N1	23-JUN-2007 12:36:19	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27776	No
156	GOM_NL__2PRFIN20070623_123806_000000422059_00167_27776_2546.N1	23-JUN-2007 12:38:06	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27776	No
157	GOM_NL__2PRFIN20070623_123947_000000412059_00167_27776_2547.N1	23-JUN-2007 12:39:47	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27776	No
158	GOM_NL__2PRFIN20070623_124107_000000472059_00167_27776_2548.N1	23-JUN-2007 12:41:07	Bright	47.000	75	26Eps Sco	2.2910	4250.0	94	27776	No
159	GOM_NL__2PRFIN20070623_124350_000000362059_00167_27776_2549.N1	23-JUN-2007 12:43:50	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27776	No
160	GOM_NL__2PRFIN20070623_124608_000000372059_00167_27776_2550.N1	23-JUN-2007 12:46:08	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27776	No

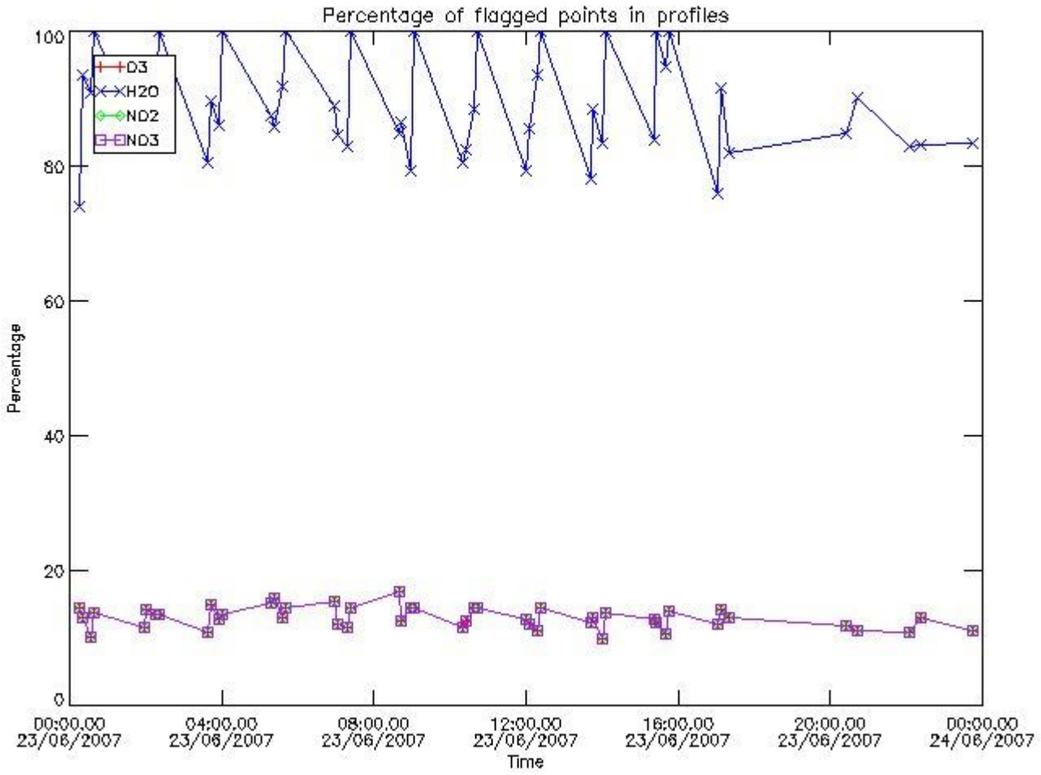
161	GOM_NL__2PRFIN20070623_124751_000000362059_00167_27776_2551.N1	23-JUN-2007 12:47:51	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27776	No
162	GOM_NL__2PRFIN20070623_124958_000000362059_00167_27776_2552.N1	23-JUN-2007 12:49:58	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27776	No
163	GOM_NL__2PRFIN20070623_125306_000000352059_00167_27776_2553.N1	23-JUN-2007 12:53:06	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27776	No
164	GOM_NL__2PRFIN20070623_125655_000000342059_00167_27776_2554.N1	23-JUN-2007 12:56:55	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	27776	No
165	GOM_NL__2PRFIN20070623_125846_000000362059_00167_27776_2555.N1	23-JUN-2007 12:58:46	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27776	No
166	GOM_NL__2PRFIN20070623_130814_000000362059_00167_27776_2556.N1	23-JUN-2007 13:08:14	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27776	No
167	GOM_NL__2PRFIN20070623_131159_000000382059_00167_27776_2557.N1	23-JUN-2007 13:11:59	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27776	No
168	GOM_NL__2PRFIN20070623_131627_000000362059_00167_27776_2558.N1	23-JUN-2007 13:16:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27776	No
169	GOM_NL__2PRFIN20070623_132646_000000382059_00167_27776_2559.N1	23-JUN-2007 13:26:46	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	27776	No
170	GOM_NL__2PRFIN20070623_133029_000000542059_00167_27776_2560.N1	23-JUN-2007 13:30:29	Bright	54.000	79	26Bet Per	2.3100	13100.	108	27776	No
171	GOM_NL__2PRFIN20070623_134116_000000422059_00167_27776_2561.N1	23-JUN-2007 13:41:16	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	27776	No
172	GOM_NL__2PRFIN20070623_134517_000000402059_00167_27776_2562.N1	23-JUN-2007 13:45:17	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	27776	No
173	GOM_NL__2PRFIN20070623_135921_000000522059_00167_27776_2563.N1	23-JUN-2007 13:59:21	Dark	51.500	9	Alp Eri	0.45300	24000.	103	27776	No
174	GOM_NL__2PRFIN20070623_140428_000000372059_00168_27777_2556.N1	23-JUN-2007 14:04:28	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27777	No
175	GOM_NL__2PRFIN20070623_141530_000000412059_00168_27777_2557.N1	23-JUN-2007 14:15:30	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27777	No
176	GOM_NL__2PRFIN20070623_141655_000000372059_00168_27777_2558.N1	23-JUN-2007 14:16:55	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27777	No
177	GOM_NL__2PRFIN20070623_141842_000000432059_00168_27777_2559.N1	23-JUN-2007 14:18:42	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27777	No
178	GOM_NL__2PRFIN20070623_142023_000000412059_00168_27777_2560.N1	23-JUN-2007 14:20:23	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27777	No
179	GOM_NL__2PRFIN20070623_142143_000000432059_00168_27777_2561.N1	23-JUN-2007 14:21:43	Bright	42.500	75	26Eps Sco	2.2910	4250.0	85	27777	No
180	GOM_NL__2PRFIN20070623_142426_000000372059_00168_27777_2562.N1	23-JUN-2007 14:24:26	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27777	No
181	GOM_NL__2PRFIN20070623_142644_000000372059_00168_27777_2563.N1	23-JUN-2007 14:26:44	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27777	No
182	GOM_NL__2PRFIN20070623_142827_000000362059_00168_27777_2564.N1	23-JUN-2007 14:28:27	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27777	No
183	GOM_NL__2PRFIN20070623_143034_000000362059_00168_27777_2565.N1	23-JUN-2007 14:30:34	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27777	No
184	GOM_NL__2PRFIN20070623_143342_000000352059_00168_27777_2566.N1	23-JUN-2007 14:33:42	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27777	No
185	GOM_NL__2PRFIN20070623_143731_000000362059_00168_27777_2567.N1	23-JUN-2007 14:37:31	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27777	No
186	GOM_NL__2PRFIN20070623_143922_000000352059_00168_27777_2568.N1	23-JUN-2007 14:39:22	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27777	No
187	GOM_NL__2PRFIN20070623_144849_000000342059_00168_27777_2569.N1	23-JUN-2007 14:48:49	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	27777	No
188	GOM_NL__2PRFIN20070623_145235_000000382059_00168_27777_2570.N1	23-JUN-2007 14:52:35	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27777	No
189	GOM_NL__2PRFIN20070623_145703_000000362059_00168_27777_2571.N1	23-JUN-2007 14:57:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27777	No
190	GOM_NL__2PRFIN20070623_150722_000000542059_00168_27777_2572.N1	23-JUN-2007 15:07:22	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	27777	No
191	GOM_NL__2PRFIN20070623_151104_000000332059_00168_27777_2573.N1	23-JUN-2007 15:11:04	Bright	33.000	79	26Bet Per	2.3100	13100.	66	27777	No
192	GOM_NL__2PRFIN20070623_152153_000000442059_00168_27777_2574.N1	23-JUN-2007 15:21:53	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27777	No
193	GOM_NL__2PRFIN20070623_152553_000000422059_00168_27777_2575.N1	23-JUN-2007 15:25:53	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	27777	No
194	GOM_NL__2PRFIN20070623_153958_000000482059_00168_27777_2576.N1	23-JUN-2007 15:39:58	Dark	48.000	9	Alp Eri	0.45300	24000.	96	27777	No
195	GOM_NL__2PRFIN20070623_154504_000000372059_00169_27778_2609.N1	23-JUN-2007 15:45:04	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27778	No
196	GOM_NL__2PRFIN20070623_155607_000000372059_00169_27778_2610.N1	23-JUN-2007 15:56:07	Straylight	37.000	141	Bet Ara	2.8400	4600.0	74	27778	No
197	GOM_NL__2PRFIN20070623_155731_000000372059_00169_27778_2611.N1	23-JUN-2007 15:57:31	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27778	No
198	GOM_NL__2PRFIN20070623_155918_000000422059_00169_27778_2612.N1	23-JUN-2007 15:59:18	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27778	No
199	GOM_NL__2PRFIN20070623_160059_000000422059_00169_27778_2613.N1	23-JUN-2007 16:00:59	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27778	No
200	GOM_NL__2PRFIN20070623_160219_000000522059_00169_27778_2614.N1	23-JUN-2007 16:02:19	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27778	No
201	GOM_NL__2PRFIN20070623_160502_000000362059_00169_27778_2615.N1	23-JUN-2007 16:05:02	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27778	No
202	GOM_NL__2PRFIN20070623_160720_000000382059_00169_27778_2616.N1	23-JUN-2007 16:07:20	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27778	No
203	GOM_NL__2PRFIN20070623_160903_000000372059_00169_27778_2617.N1	23-JUN-2007 16:09:03	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27778	No
204	GOM_NL__2PRFIN20070623_161110_000000362059_00169_27778_2618.N1	23-JUN-2007 16:11:10	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27778	No
205	GOM_NL__2PRFIN20070623_161418_000000352059_00169_27778_2619.N1	23-JUN-2007 16:14:18	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27778	No
206	GOM_NL__2PRFIN20070623_161807_000000372059_00169_27778_2620.N1	23-JUN-2007 16:18:07	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27778	No
207	GOM_NL__2PRFIN20070623_161959_000000362059_00169_27778_2621.N1	23-JUN-2007 16:19:59	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27778	No
208	GOM_NL__2PRFIN20070623_162925_000000352059_00169_27778_2622.N1	23-JUN-2007 16:29:25	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27778	No
209	GOM_NL__2PRFIN20070623_163311_000000342059_00169_27778_2623.N1	23-JUN-2007 16:33:11	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27778	No
210	GOM_NL__2PRFIN20070623_163739_000000372059_00169_27778_2624.N1	23-JUN-2007 16:37:39	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	27778	No
211	GOM_NL__2PRFIN20070623_164758_000000482059_00169_27778_2625.N1	23-JUN-2007 16:47:58	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	27778	No
212	GOM_NL__2PRFIN20070623_165141_000000362059_00169_27778_2626.N1	23-JUN-2007 16:51:41	Bright	36.000	79	26Bet Per	2.3100	13100.	72	27778	No
213	GOM_NL__2PRFIN20070623_170229_000000422059_00169_27778_2627.N1	23-JUN-2007 17:02:29	Dark	42.000	94	92Alp Cet	2.5260	3100.0	84	27778	No
214	GOM_NL__2PRFIN20070623_170630_000000362059_00169_27778_2628.N1	23-JUN-2007 17:06:30	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	27778	No
215	GOM_NL__2PRFIN20070623_172034_000000392059_00169_27778_2629.N1	23-JUN-2007 17:20:34	Dark	38.500	9	Alp Eri	0.45300	24000.	77	27778	No
216	GOM_NL__2PRFIN20070623_190821_000000432059_00171_27780_2645.N1	23-JUN-2007 19:08:21	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	27780	No
217	GOM_NL__2PRFIN20070623_191253_000000422059_00171_27780_2646.N1	23-JUN-2007 19:12:53	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27780	No
218	GOM_NL__2PRFIN20070623_191719_000000372059_00171_27780_2647.N1	23-JUN-2007 19:17:19	Straylight	37.000	141	Bet Ara	2.8400	4600.0	74	27780	No
219	GOM_NL__2PRFIN20070623_191844_000000372059_00171_27780_2648.N1	23-JUN-2007 19:18:44	Straylight	36.500	147	Alp Ara	2.8770	26000.	73	27780	No

220	GOM_NL__2PRFIN20070623_192030_000000422059_00171_27780_2649.N1	23-JUN-2007 19:20:30	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27780	No
221	GOM_NL__2PRFIN20070623_192211_000000402059_00171_27780_2650.N1	23-JUN-2007 19:22:11	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27780	No
222	GOM_NL__2PRFIN20070623_192337_000000562059_00171_27780_2651.N1	23-JUN-2007 19:23:37	Bright	56.000	167	10Gam2Sgr	2.9840	4500.0	112	27780	No
223	GOM_NL__2PRFIN20070623_192555_000000412059_00171_27780_2652.N1	23-JUN-2007 19:25:55	Bright	41.000	16	21Alp Sco	1.0200	3000.0	82	27780	No
224	GOM_NL__2PRFIN20070623_192832_000000382059_00171_27780_2653.N1	23-JUN-2007 19:28:32	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27780	No
225	GOM_NL__2PRFIN20070623_193016_000000362059_00171_27780_2654.N1	23-JUN-2007 19:30:16	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27780	No
226	GOM_NL__2PRFIN20070623_193223_000000362059_00171_27780_2655.N1	23-JUN-2007 19:32:23	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27780	No
227	GOM_NL__2PRFIN20070623_193919_000000352059_00171_27780_2656.N1	23-JUN-2007 19:39:19	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27780	No
228	GOM_NL__2PRFIN20070623_194212_000000362059_00171_27780_2657.N1	23-JUN-2007 19:42:12	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	27780	No
229	GOM_NL__2PRFIN20070623_195037_000000382059_00171_27780_2658.N1	23-JUN-2007 19:50:37	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27780	No
230	GOM_NL__2PRFIN20070623_195423_000000342059_00171_27780_2659.N1	23-JUN-2007 19:54:23	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27780	No
231	GOM_NL__2PRFIN20070623_195851_000000352059_00171_27780_2660.N1	23-JUN-2007 19:58:51	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27780	No
232	GOM_NL__2PRFIN20070623_200910_000000352059_00171_27780_2661.N1	23-JUN-2007 20:09:10	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	27780	No
233	GOM_NL__2PRFIN20070623_201253_000000352059_00171_27780_2662.N1	23-JUN-2007 20:12:53	Bright	35.000	79	26Bet Per	2.3100	13100.	70	27780	No
234	GOM_NL__2PRFIN20070623_202342_000000442059_00171_27780_2663.N1	23-JUN-2007 20:23:42	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27780	No
235	GOM_NL__2PRFIN20070623_204147_000000462059_00171_27780_2664.N1	23-JUN-2007 20:41:47	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27780	No
236	GOM_NL__2PRFIN20070623_204858_000000422059_00172_27781_2661.N1	23-JUN-2007 20:48:58	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27781	No
237	GOM_NL__2PRFIN20070623_205329_000000412059_00172_27781_2662.N1	23-JUN-2007 20:53:29	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27781	No
238	GOM_NL__2PRFIN20070623_205755_000000442059_00172_27781_2663.N1	23-JUN-2007 20:57:55	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	27781	No
239	GOM_NL__2PRFIN20070623_205920_000000382059_00172_27781_2664.N1	23-JUN-2007 20:59:20	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27781	No
240	GOM_NL__2PRFIN20070623_210107_000000382059_00172_27781_2665.N1	23-JUN-2007 21:01:07	Twi_and_stray	37.500	40	The Sco	1.8590	7100.0	75	27781	No
241	GOM_NL__2PRFIN20070623_210248_000000432059_00172_27781_2666.N1	23-JUN-2007 21:02:48	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27781	No
242	GOM_NL__2PRFIN20070623_210413_000000532059_00172_27781_2667.N1	23-JUN-2007 21:04:13	Bright	53.000	167	10Gam2Sgr	2.9840	4500.0	106	27781	No
243	GOM_NL__2PRFIN20070623_210632_000000412059_00172_27781_2668.N1	23-JUN-2007 21:06:32	Bright	40.500	16	21Alp Sco	1.0200	3000.0	81	27781	No
244	GOM_NL__2PRFIN20070623_210908_000000372059_00172_27781_2669.N1	23-JUN-2007 21:09:08	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27781	No
245	GOM_NL__2PRFIN20070623_211052_000000362059_00172_27781_2670.N1	23-JUN-2007 21:10:52	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27781	No
246	GOM_NL__2PRFIN20070623_211259_000000362059_00172_27781_2671.N1	23-JUN-2007 21:12:59	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27781	No
247	GOM_NL__2PRFIN20070623_211955_000000352059_00172_27781_2672.N1	23-JUN-2007 21:19:55	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27781	No
248	GOM_NL__2PRFIN20070623_212247_000000372059_00172_27781_2673.N1	23-JUN-2007 21:22:47	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27781	No
249	GOM_NL__2PRFIN20070623_213113_000000382059_00172_27781_2674.N1	23-JUN-2007 21:31:13	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	27781	No
250	GOM_NL__2PRFIN20070623_213459_000000362059_00172_27781_2675.N1	23-JUN-2007 21:34:59	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27781	No
251	GOM_NL__2PRFIN20070623_213927_000000362059_00172_27781_2676.N1	23-JUN-2007 21:39:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27781	No
252	GOM_NL__2PRFIN20070623_214946_000000362059_00172_27781_2677.N1	23-JUN-2007 21:49:46	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	27781	No
253	GOM_NL__2PRFIN20070623_215328_000000372059_00172_27781_2678.N1	23-JUN-2007 21:53:28	Bright	36.500	79	26Bet Per	2.3100	13100.	73	27781	No
254	GOM_NL__2PRFIN20070623_220418_000000472059_00172_27781_2679.N1	23-JUN-2007 22:04:18	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	27781	No
255	GOM_NL__2PRFIN20070623_222223_000000392059_00172_27781_2680.N1	23-JUN-2007 22:22:23	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27781	No
256	GOM_NL__2PRFIN20070623_222934_000000422059_00173_27782_2710.N1	23-JUN-2007 22:29:34	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27782	No
257	GOM_NL__2PRFIN20070623_223406_000000402059_00173_27782_2711.N1	23-JUN-2007 22:34:06	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27782	No
258	GOM_NL__2PRFIN20070623_223831_000000392059_00173_27782_2712.N1	23-JUN-2007 22:38:31	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	27782	No
259	GOM_NL__2PRFIN20070623_223956_000000382059_00173_27782_2713.N1	23-JUN-2007 22:39:56	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27782	No
260	GOM_NL__2PRFIN20070623_224143_000000432059_00173_27782_2714.N1	23-JUN-2007 22:41:43	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27782	No
261	GOM_NL__2PRFIN20070623_224324_000000422059_00173_27782_2715.N1	23-JUN-2007 22:43:24	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27782	No
262	GOM_NL__2PRFIN20070623_224449_000000512059_00173_27782_2716.N1	23-JUN-2007 22:44:49	Bright	51.000	167	10Gam2Sgr	2.9840	4500.0	102	27782	No
263	GOM_NL__2PRFIN20070623_224708_000000392059_00173_27782_2717.N1	23-JUN-2007 22:47:08	Bright	39.000	16	21Alp Sco	1.0200	3000.0	78	27782	No
264	GOM_NL__2PRFIN20070623_224944_000000382059_00173_27782_2718.N1	23-JUN-2007 22:49:44	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27782	No
265	GOM_NL__2PRFIN20070623_225128_000000362059_00173_27782_2719.N1	23-JUN-2007 22:51:28	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27782	No
266	GOM_NL__2PRFIN20070623_225335_000000362059_00173_27782_2720.N1	23-JUN-2007 22:53:35	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27782	No
267	GOM_NL__2PRFIN20070623_230031_000000372059_00173_27782_2721.N1	23-JUN-2007 23:00:31	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27782	No
268	GOM_NL__2PRFIN20070623_230323_000000372059_00173_27782_2722.N1	23-JUN-2007 23:03:23	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27782	No
269	GOM_NL__2PRFIN20070623_231149_000000372059_00173_27782_2723.N1	23-JUN-2007 23:11:49	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27782	No
270	GOM_NL__2PRFIN20070623_231535_000000372059_00173_27782_2724.N1	23-JUN-2007 23:15:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27782	No
271	GOM_NL__2PRFIN20070623_232002_000000342059_00173_27782_2725.N1	23-JUN-2007 23:20:02	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27782	No
272	GOM_NL__2PRFIN20070623_233022_000000352059_00173_27782_2726.N1	23-JUN-2007 23:30:22	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	27782	No
273	GOM_NL__2PRFIN20070623_233404_000000342059_00173_27782_2727.N1	23-JUN-2007 23:34:04	Bright	33.500	79	26Bet Per	2.3100	13100.	67	27782	No
274	GOM_NL__2PRFIN20070623_234454_000000452059_00173_27782_2728.N1	23-JUN-2007 23:44:54	Dark	45.000	94	92Alp Cet	2.5260	3100.0	90	27782	No

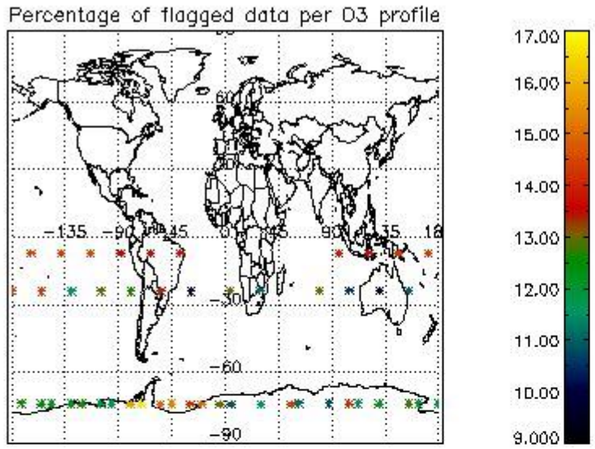
3. Quality information per product

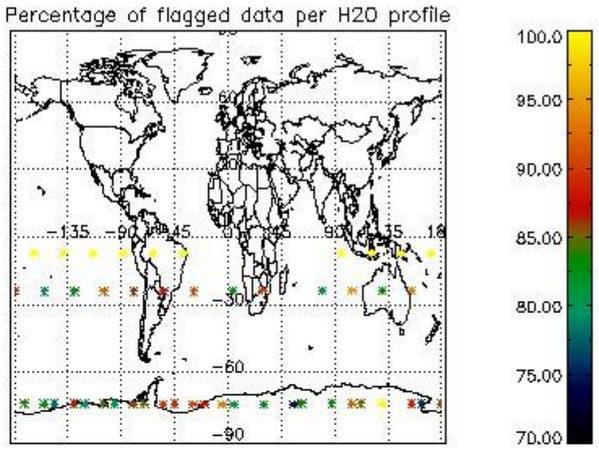
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

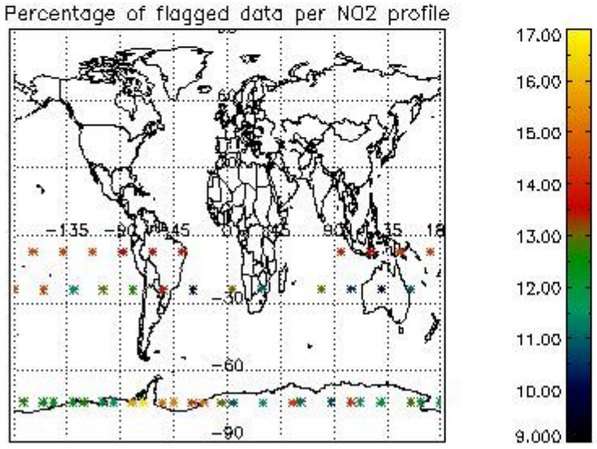
3.1 Plot quality information per product (time dependant)

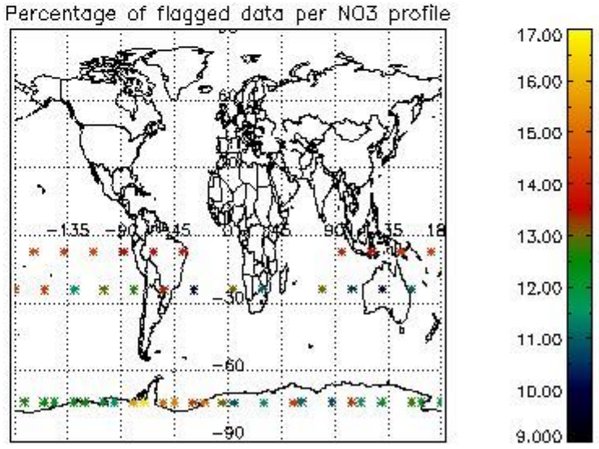


3.2 Plot quality information per product (world map)







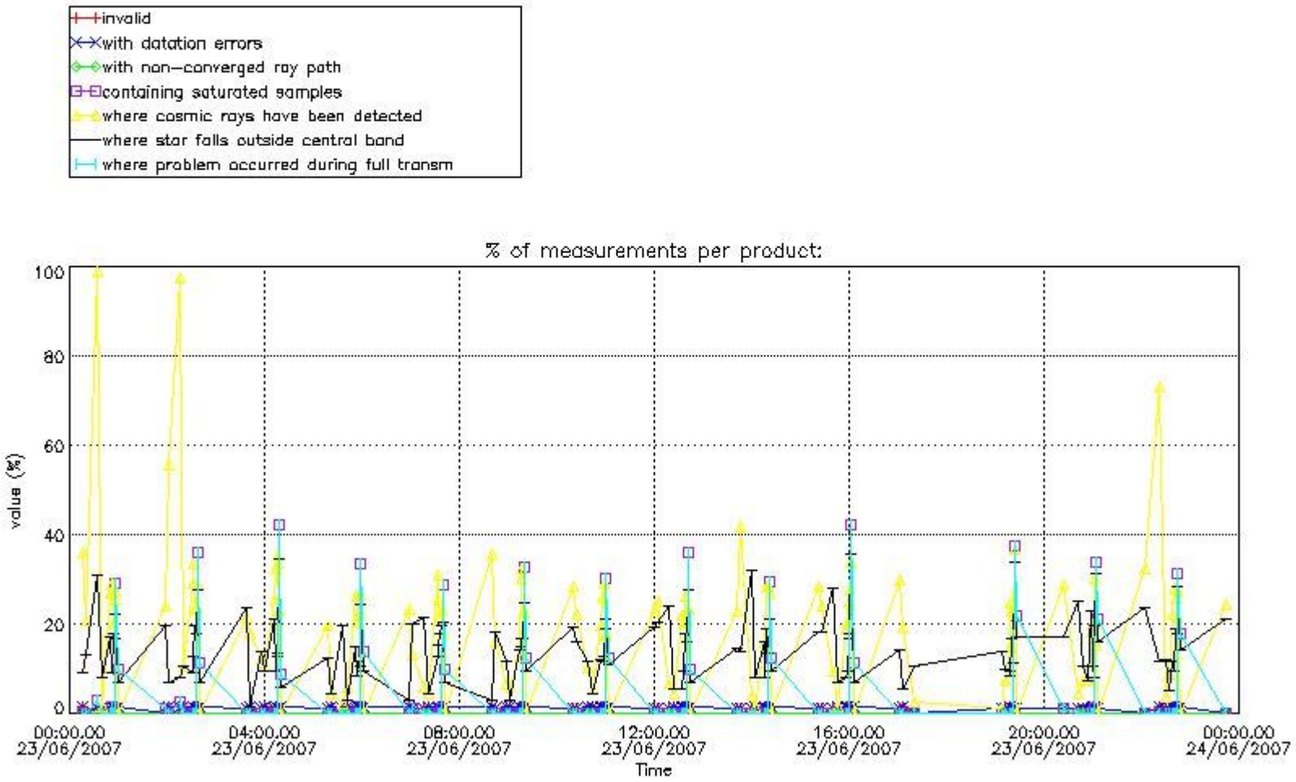


4. Level 1 quality information per product

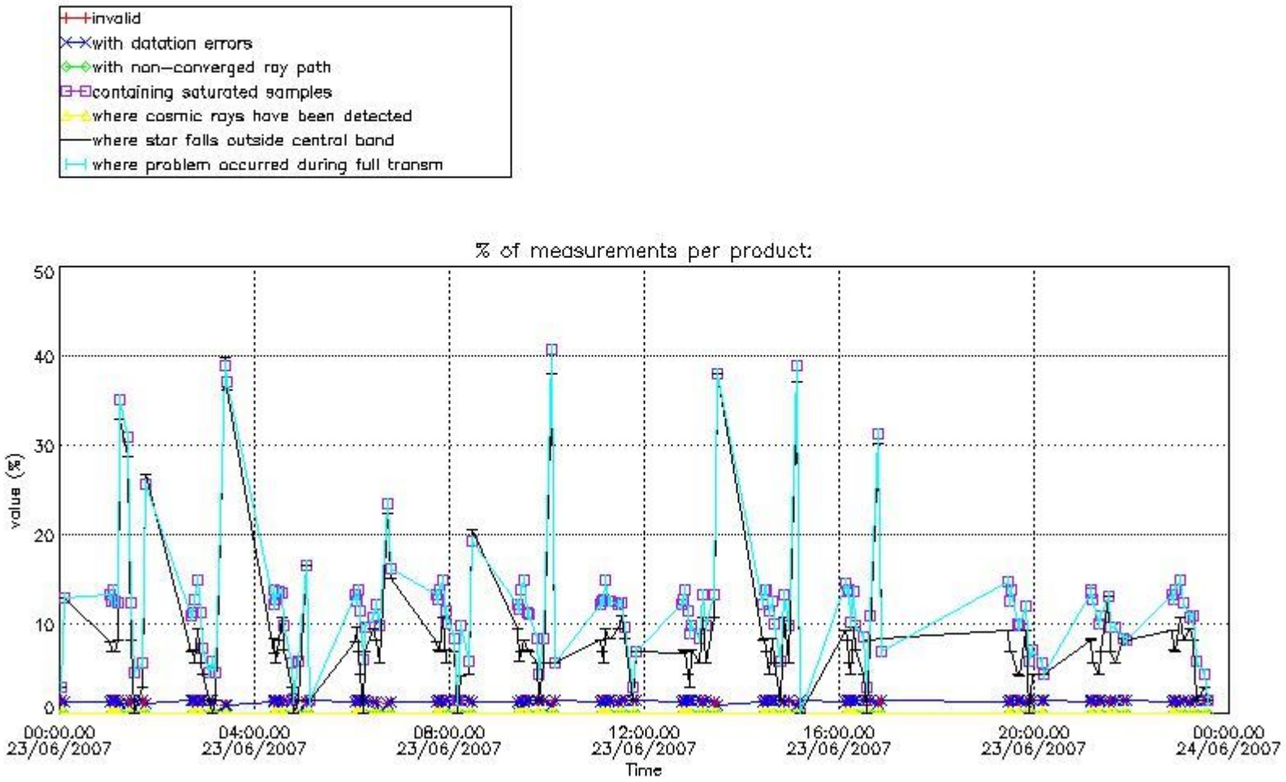
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) comming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes

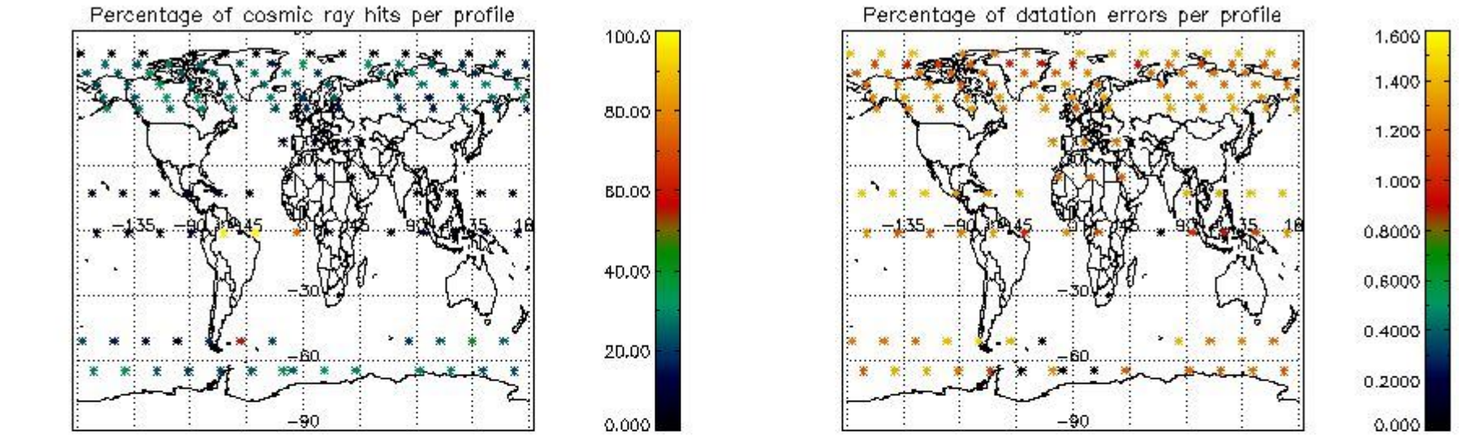


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

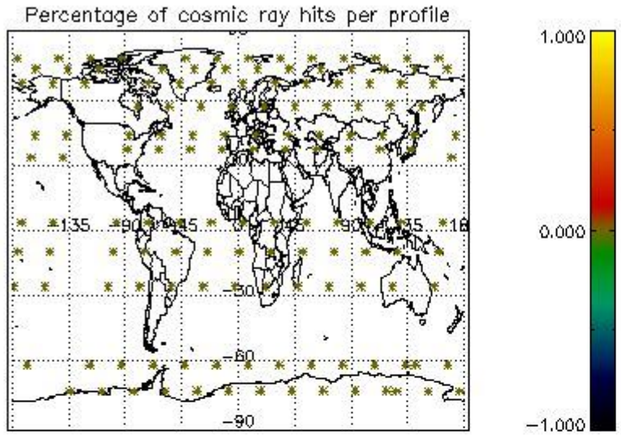


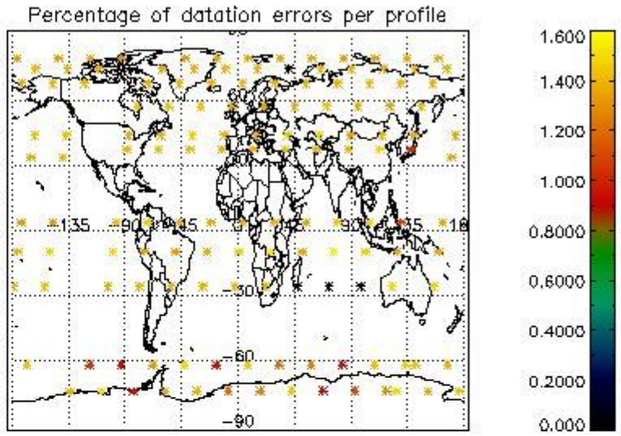
4.2 Plot quality information per product comming from level 1b processing (world map)

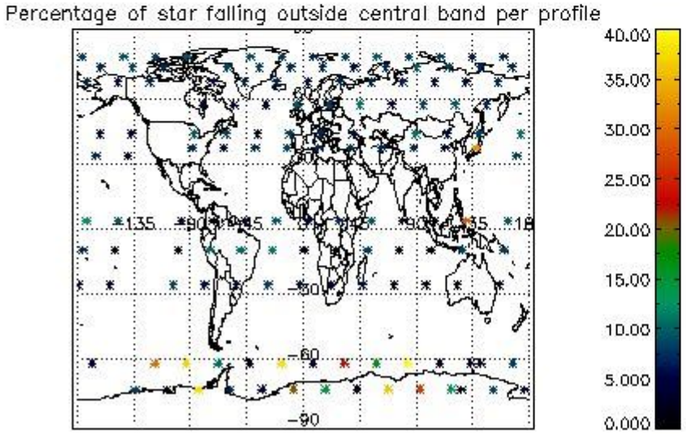
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

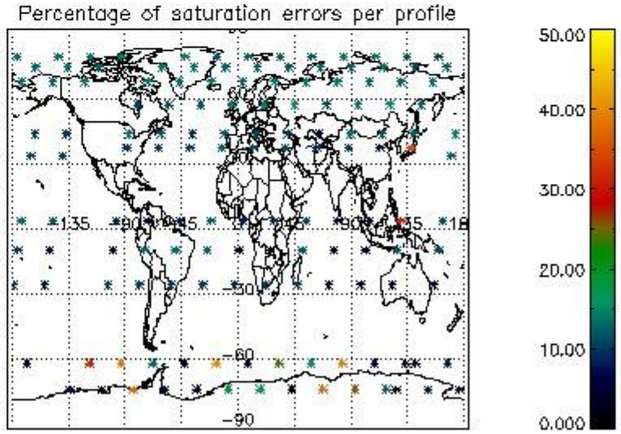


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile.
This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
    - Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

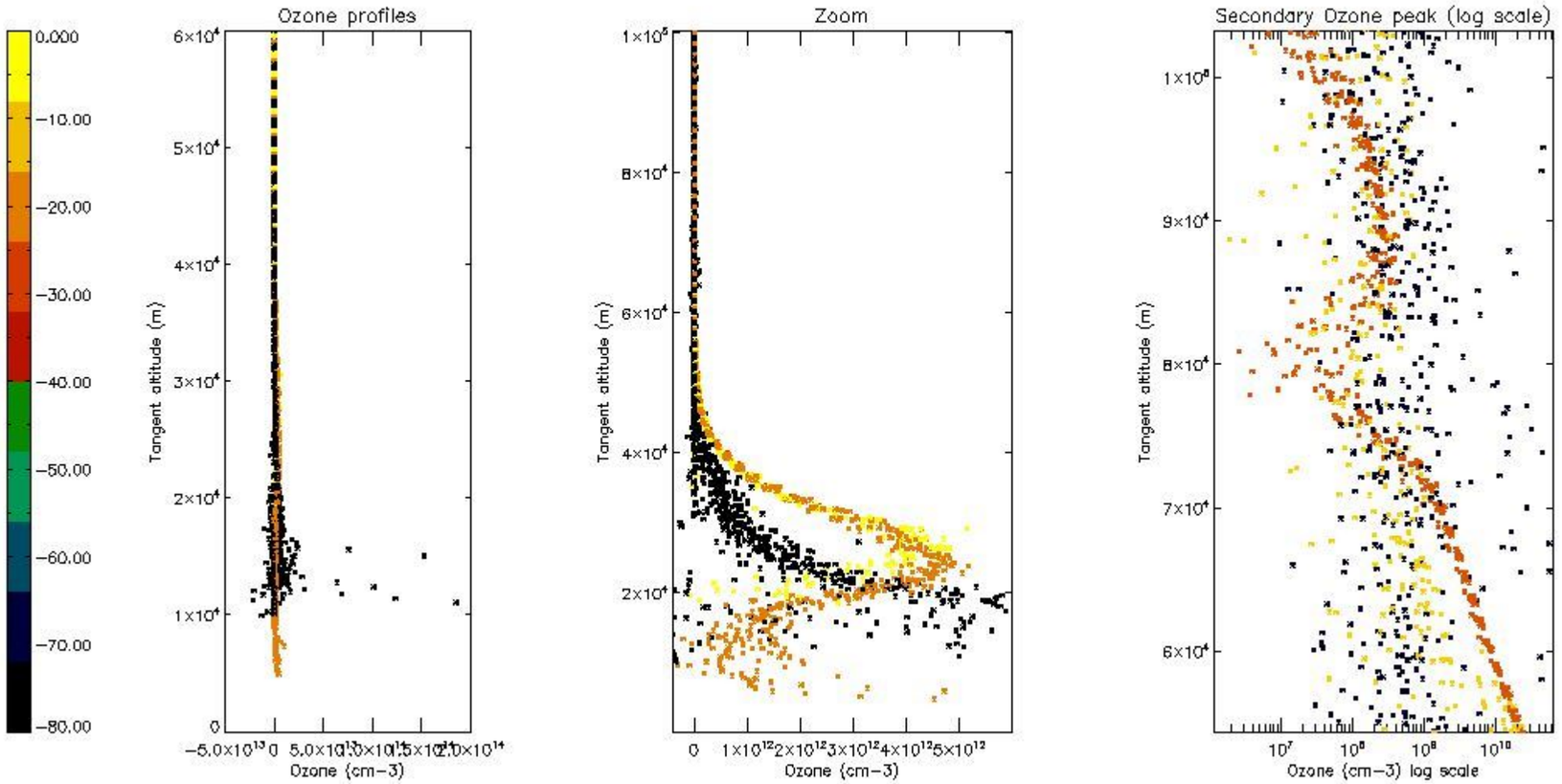
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	6

STD < 10	4
STD < 5	3

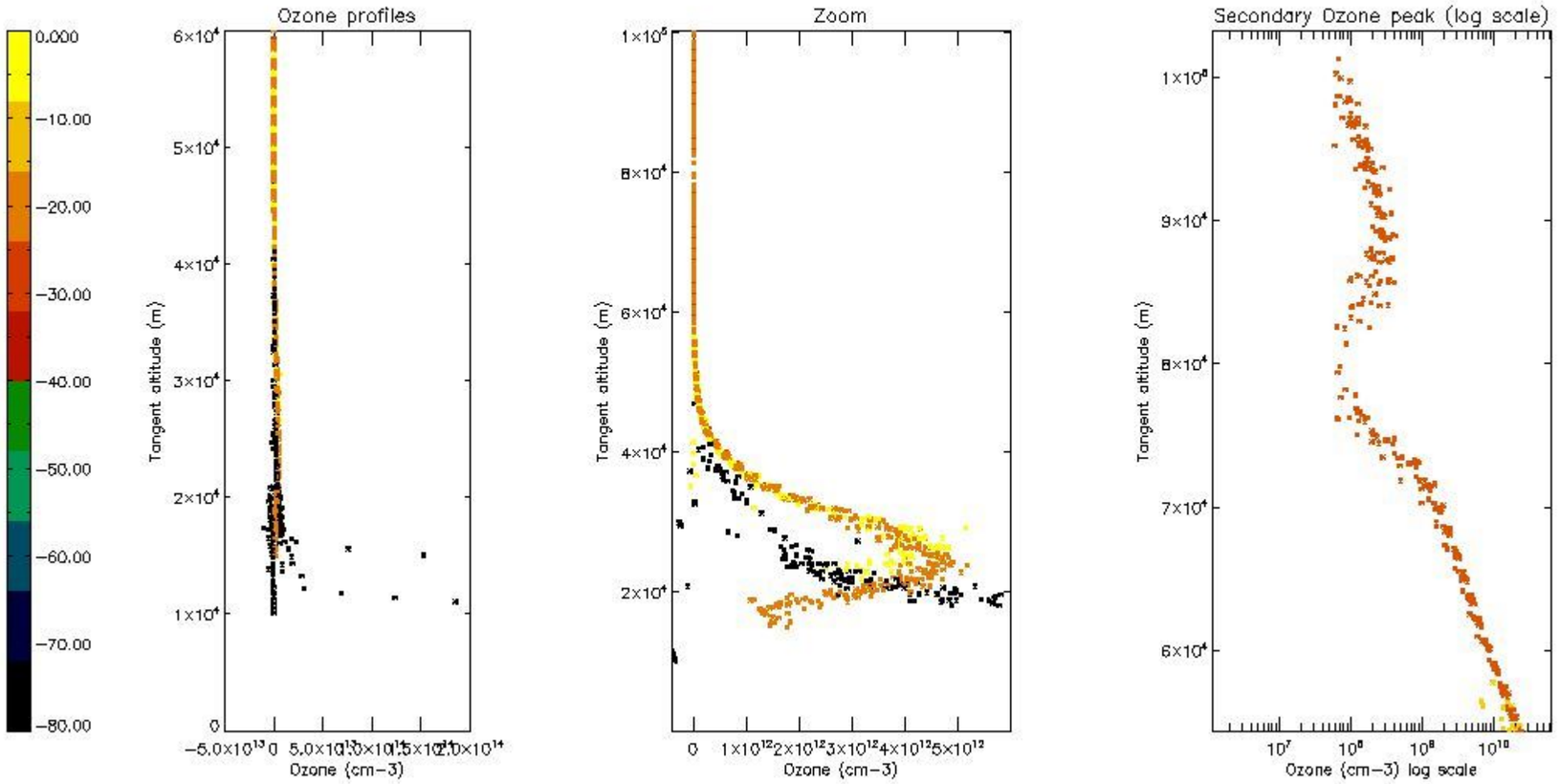
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



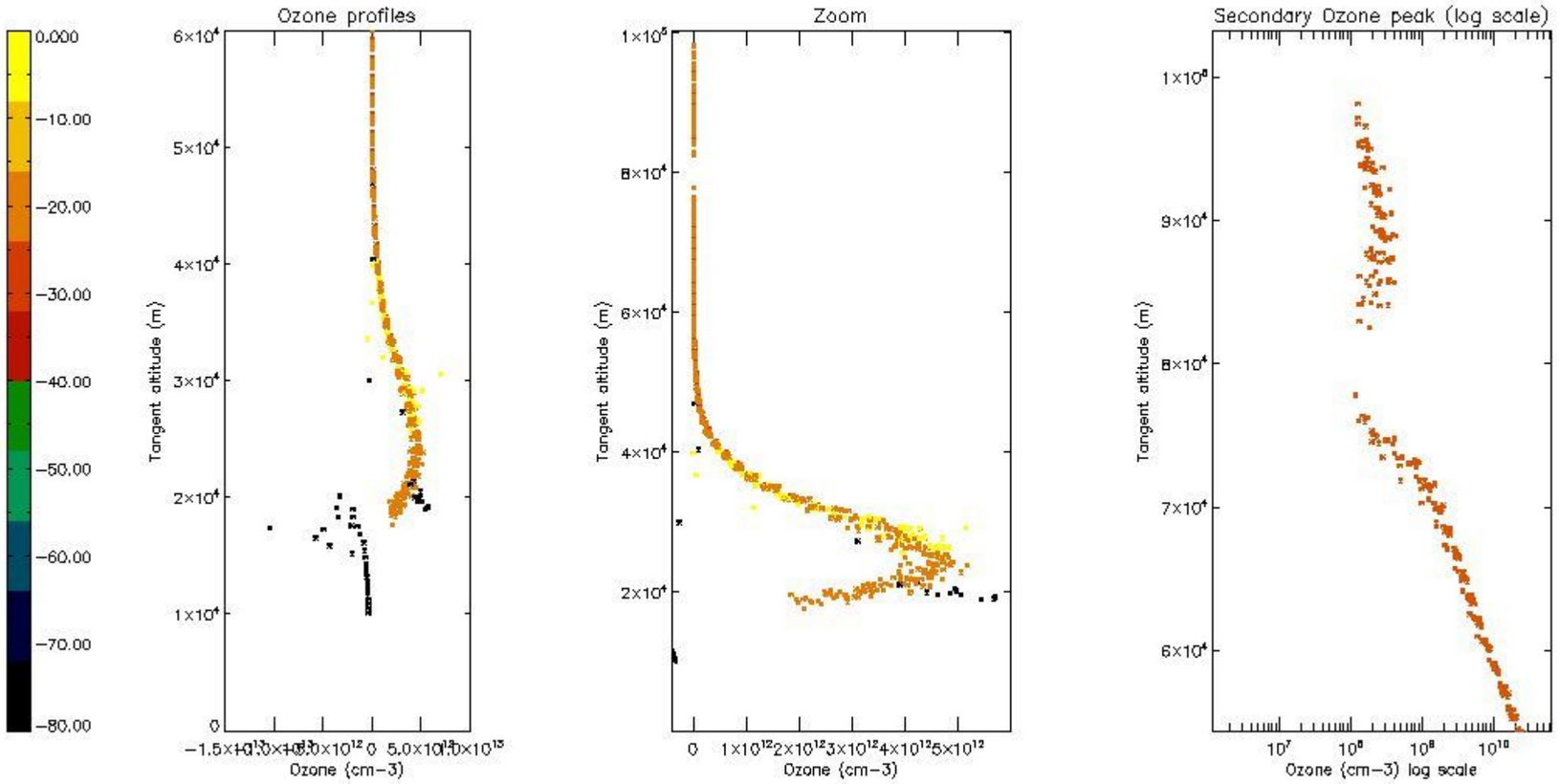
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



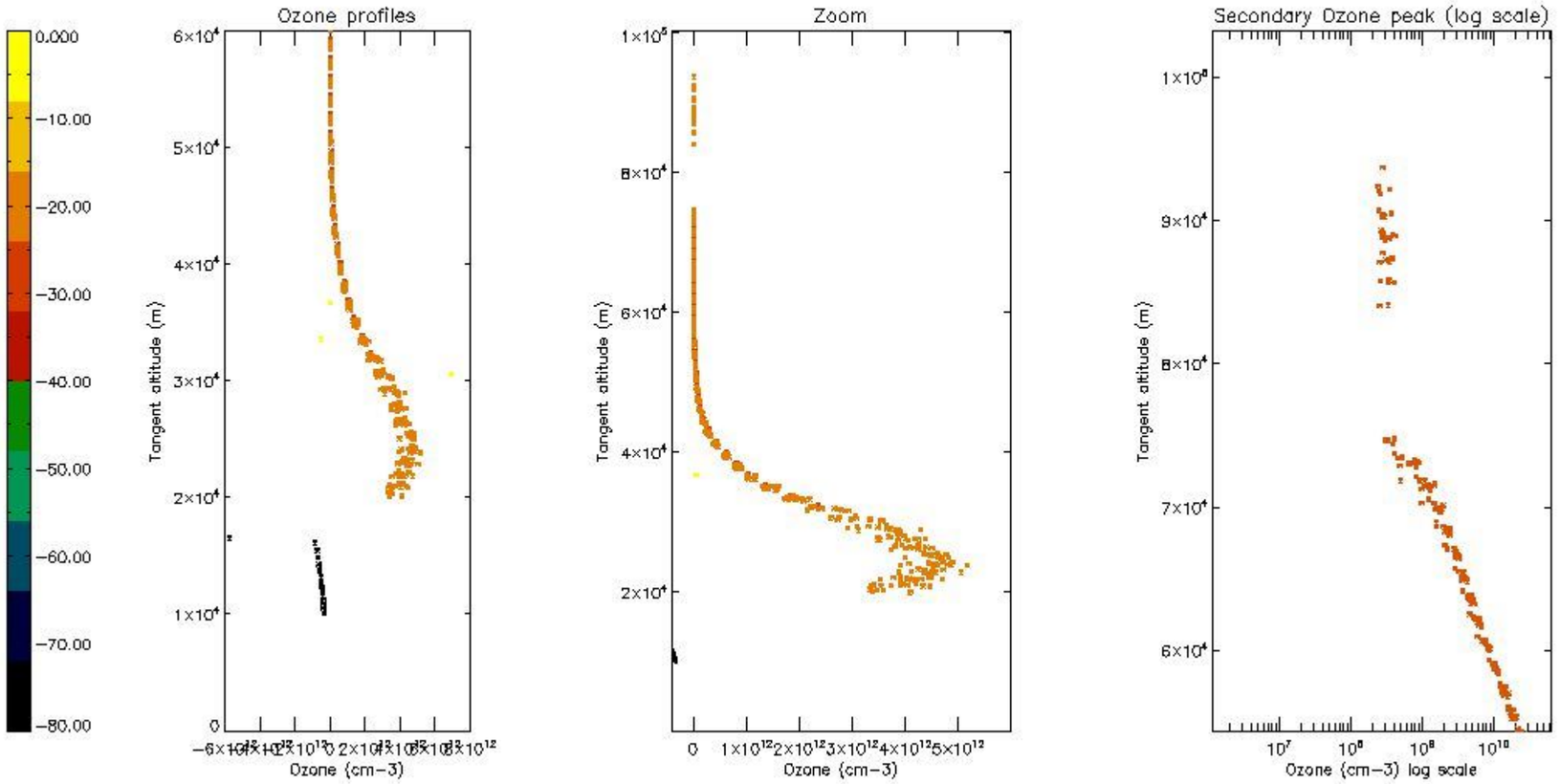
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



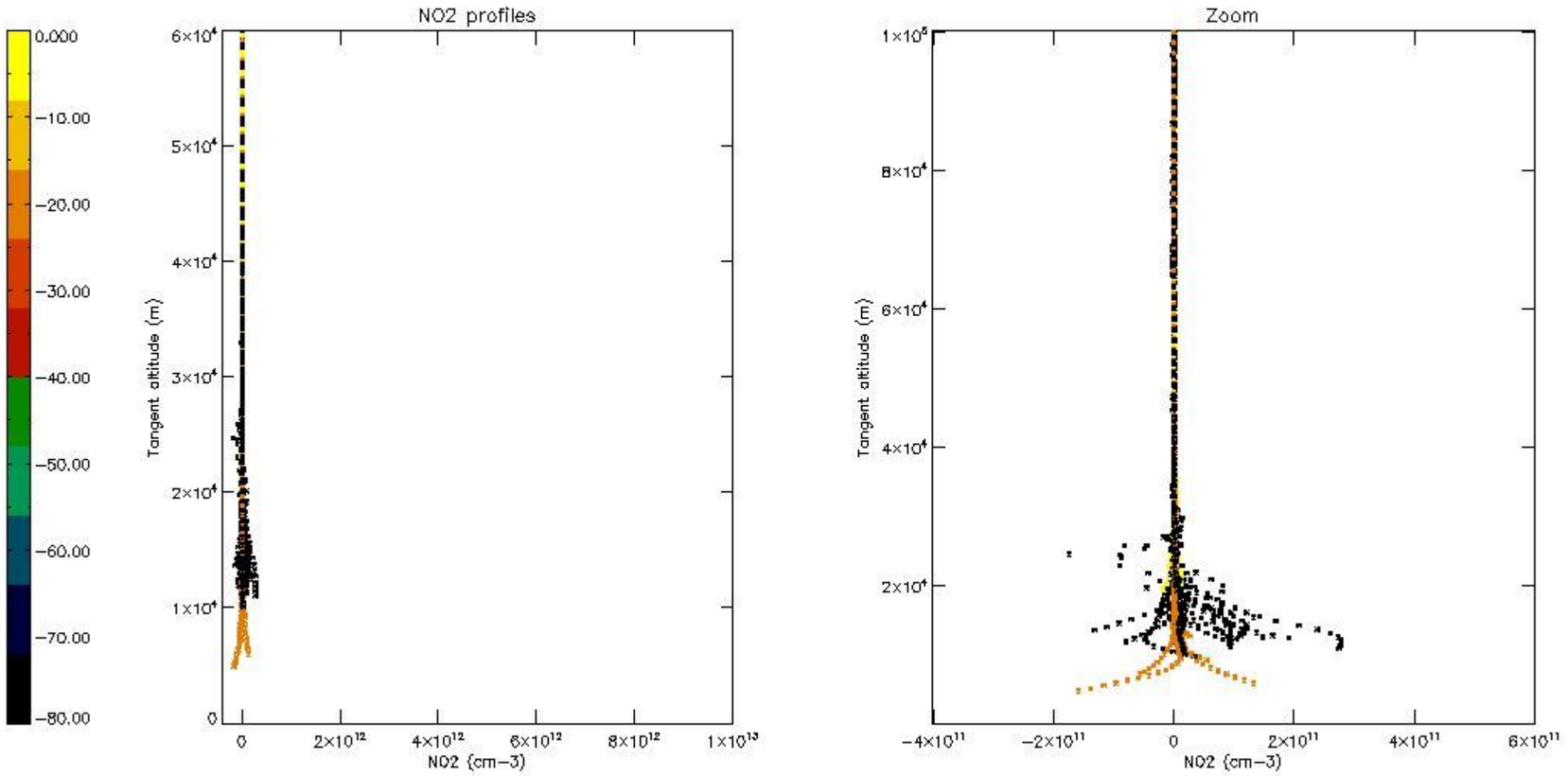
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



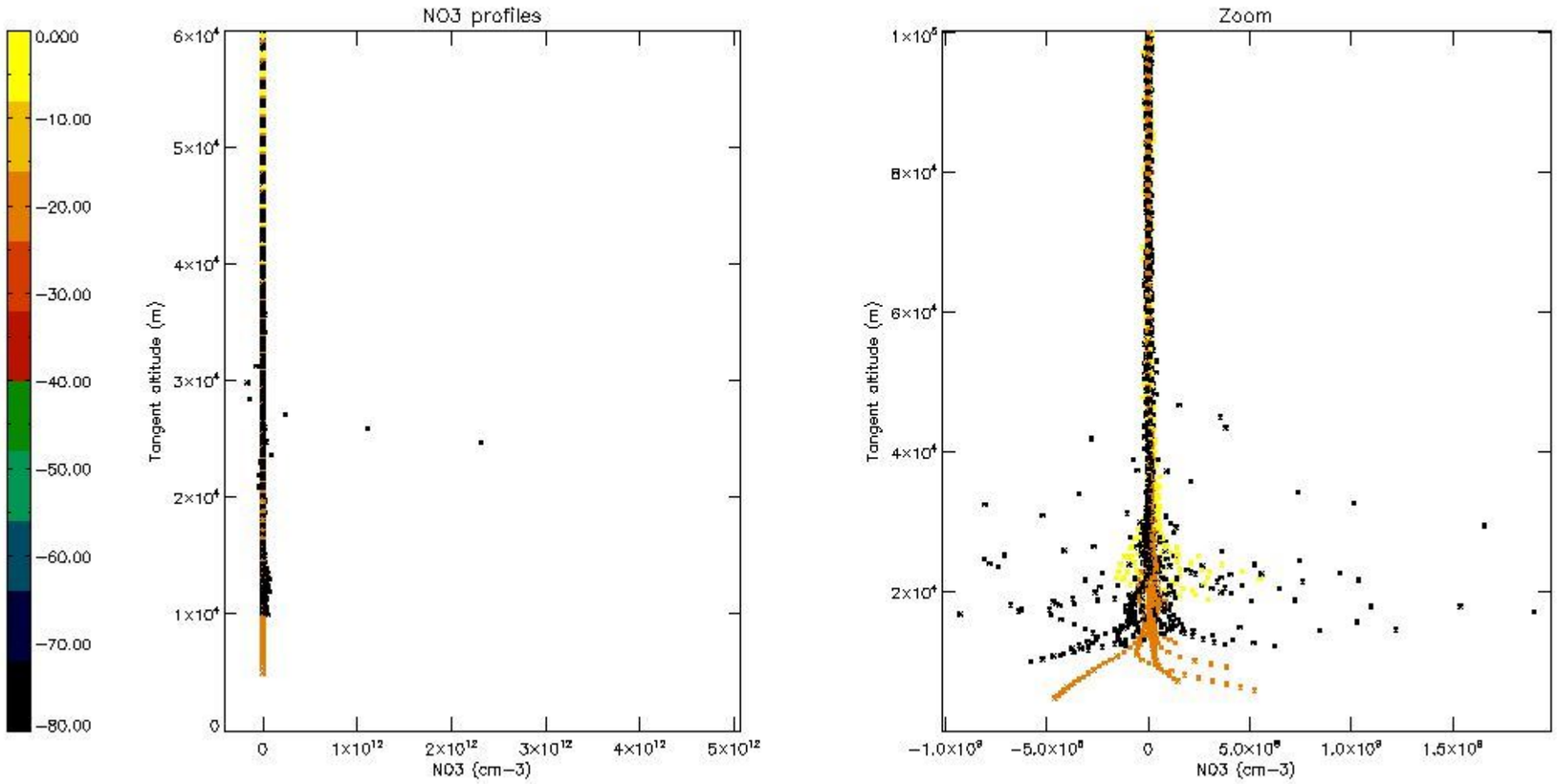
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JUN-2007 00:01:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUN-2007 00:01:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUN-2007 00:01:59

GOMOS Level 2 Daily Report

SUMMARY

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1. General info

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P).
It is intended to monitor some important parameters that will impact the quality of these products.
A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 21:03:30
Data source version	GOMOS/6.01
Start time of products	23-06-2007 (23JUN2007 00:00:00)
Stop time of products	24-06-2007 (24JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	274
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070623_000159_000000342059_00159_27768_2328.N1	23-JUN-2007 00:01:59	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	27768	No
2	GOM_NL__2PRFIN20070623_000540_000000392059_00159_27768_2329.N1	23-JUN-2007 00:05:40	Bright	38.500	79	26Bet Per	2.3100	13100.	77	27768	No
3	GOM_NL__2PRFIN20070623_001626_000000392059_00159_27768_2330.N1	23-JUN-2007 00:16:26	Dark	39.000	94	92Alp Cet	2.5260	3100.0	78	27768	No
4	GOM_NL__2PRFIN20070623_002029_000000392059_00159_27768_2331.N1	23-JUN-2007 00:20:29	Dark	38.500	165	34Gam Eri	2.9500	3200.0	77	27768	No
5	GOM_NL__2PRFIN20070623_003431_000000502059_00159_27768_2332.N1	23-JUN-2007 00:34:31	Dark	50.000	9	Alp Eri	0.45300	24000.	100	27768	No
6	GOM_NL__2PRFIN20070623_003939_000000372059_00160_27769_2366.N1	23-JUN-2007 00:39:39	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27769	No
7	GOM_NL__2PRFIN20070623_005041_000000412059_00160_27769_2367.N1	23-JUN-2007 00:50:41	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27769	No
8	GOM_NL__2PRFIN20070623_005206_000000382059_00160_27769_2368.N1	23-JUN-2007 00:52:06	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27769	No
9	GOM_NL__2PRFIN20070623_005352_000000432059_00160_27769_2369.N1	23-JUN-2007 00:53:52	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27769	No
10	GOM_NL__2PRFIN20070623_005533_000000422059_00160_27769_2370.N1	23-JUN-2007 00:55:33	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27769	No
11	GOM_NL__2PRFIN20070623_005654_000000432059_00160_27769_2371.N1	23-JUN-2007 00:56:54	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27769	No
12	GOM_NL__2PRFIN20070623_005937_000000362059_00160_27769_2372.N1	23-JUN-2007 00:59:37	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27769	No
13	GOM_NL__2PRFIN20070623_010155_000000382059_00160_27769_2373.N1	23-JUN-2007 01:01:55	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27769	No
14	GOM_NL__2PRFIN20070623_010339_000000362059_00160_27769_2374.N1	23-JUN-2007 01:03:39	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27769	No
15	GOM_NL__2PRFIN20070623_010545_000000362059_00160_27769_2375.N1	23-JUN-2007 01:05:45	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27769	No
16	GOM_NL__2PRFIN20070623_010852_000000362059_00160_27769_2376.N1	23-JUN-2007 01:08:52	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27769	No
17	GOM_NL__2PRFIN20070623_011243_000000372059_00160_27769_2377.N1	23-JUN-2007 01:12:43	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27769	No
18	GOM_NL__2PRFIN20070623_011433_000000492059_00160_27769_2378.N1	23-JUN-2007 01:14:33	Bright	48.500	67	5Alp CrB	2.2210	11000.	97	27769	No
19	GOM_NL__2PRFIN20070623_012402_000000472059_00160_27769_2379.N1	23-JUN-2007 01:24:02	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	27769	No
20	GOM_NL__2PRFIN20070623_012746_000000372059_00160_27769_2380.N1	23-JUN-2007 01:27:46	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27769	No
21	GOM_NL__2PRFIN20070623_013215_000000342059_00160_27769_2381.N1	23-JUN-2007 01:32:15	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27769	No
22	GOM_NL__2PRFIN20070623_014234_000000352059_00160_27769_2382.N1	23-JUN-2007 01:42:34	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	27769	No
23	GOM_NL__2PRFIN20070623_014616_000000452059_00160_27769_2383.N1	23-JUN-2007 01:46:16	Bright	45.000	79	26Bet Per	2.3100	13100.	90	27769	No
24	GOM_NL__2PRFIN20070623_015703_000000442059_00160_27769_2384.N1	23-JUN-2007 01:57:03	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27769	No
25	GOM_NL__2PRFIN20070623_020105_000000362059_00160_27769_2385.N1	23-JUN-2007 02:01:05	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	27769	No
26	GOM_NL__2PRFIN20070623_021507_000000382059_00160_27769_2386.N1	23-JUN-2007 02:15:07	Dark	38.000	9	Alp Eri	0.45300	24000.	76	27769	No
27	GOM_NL__2PRFIN20070623_022015_000000382059_00161_27770_2382.N1	23-JUN-2007 02:20:15	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27770	No
28	GOM_NL__2PRFIN20070623_023117_000000382059_00161_27770_2383.N1	23-JUN-2007 02:31:17	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27770	No
29	GOM_NL__2PRFIN20070623_023242_000000392059_00161_27770_2384.N1	23-JUN-2007 02:32:42	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27770	No
30	GOM_NL__2PRFIN20070623_023428_000000432059_00161_27770_2385.N1	23-JUN-2007 02:34:28	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27770	No
31	GOM_NL__2PRFIN20070623_023609_000000422059_00161_27770_2386.N1	23-JUN-2007 02:36:09	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27770	No
32	GOM_NL__2PRFIN20070623_023730_000000472059_00161_27770_2387.N1	23-JUN-2007 02:37:30	Bright	47.000	75	26Eps Sco	2.2910	4250.0	94	27770	No
33	GOM_NL__2PRFIN20070623_024013_000000362059_00161_27770_2388.N1	23-JUN-2007 02:40:13	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27770	No
34	GOM_NL__2PRFIN20070623_024231_000000372059_00161_27770_2389.N1	23-JUN-2007 02:42:31	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27770	No
35	GOM_NL__2PRFIN20070623_024415_000000362059_00161_27770_2390.N1	23-JUN-2007 02:44:15	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27770	No
36	GOM_NL__2PRFIN20070623_024621_000000362059_00161_27770_2391.N1	23-JUN-2007 02:46:21	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27770	No
37	GOM_NL__2PRFIN20070623_024929_000000372059_00161_27770_2392.N1	23-JUN-2007 02:49:29	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27770	No
38	GOM_NL__2PRFIN20070623_025319_000000362059_00161_27770_2393.N1	23-JUN-2007 02:53:19	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27770	No
39	GOM_NL__2PRFIN20070623_025509_000000342059_00161_27770_2394.N1	23-JUN-2007 02:55:09	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27770	No
40	GOM_NL__2PRFIN20070623_030438_000000342059_00161_27770_2395.N1	23-JUN-2007 03:04:38	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27770	No
41	GOM_NL__2PRFIN20070623_030822_000000342059_00161_27770_2396.N1	23-JUN-2007 03:08:22	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27770	No
42	GOM_NL__2PRFIN20070623_031251_000000332059_00161_27770_2397.N1	23-JUN-2007 03:12:51	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27770	No

43	GOM_NL__2PRFIN20070623_032310_000000542059_00161_27770_2398.N1	23-JUN-2007 03:23:10	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	27770	No
44	GOM_NL__2PRFIN20070623_032652_000000542059_00161_27770_2399.N1	23-JUN-2007 03:26:52	Bright	54.000	79	26Bet Per	2.3100	13100.	108	27770	No
45	GOM_NL__2PRFIN20070623_033739_000000472059_00161_27770_2400.N1	23-JUN-2007 03:37:39	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	27770	No
46	GOM_NL__2PRFIN20070623_034141_000000342059_00161_27770_2401.N1	23-JUN-2007 03:41:41	Dark	34.000	165	34Gam Eri	2.9500	3200.0	68	27770	No
47	GOM_NL__2PRFIN20070623_035543_000000402059_00161_27770_2402.N1	23-JUN-2007 03:55:43	Dark	40.000	9	Alp Eri	0.45300	24000.	80	27770	No
48	GOM_NL__2PRFIN20070623_040051_000000382059_00162_27771_2398.N1	23-JUN-2007 04:00:51	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27771	No
49	GOM_NL__2PRFIN20070623_041153_000000432059_00162_27771_2399.N1	23-JUN-2007 04:11:53	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27771	No
50	GOM_NL__2PRFIN20070623_041318_000000372059_00162_27771_2400.N1	23-JUN-2007 04:13:18	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27771	No
51	GOM_NL__2PRFIN20070623_041505_000000402059_00162_27771_2401.N1	23-JUN-2007 04:15:05	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27771	No
52	GOM_NL__2PRFIN20070623_041646_000000412059_00162_27771_2402.N1	23-JUN-2007 04:16:46	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27771	No
53	GOM_NL__2PRFIN20070623_041807_000000522059_00162_27771_2403.N1	23-JUN-2007 04:18:07	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27771	No
54	GOM_NL__2PRFIN20070623_042050_000000352059_00162_27771_2404.N1	23-JUN-2007 04:20:50	Bright	35.000	156	20Sig Sco	2.9030	28000.	70	27771	No
55	GOM_NL__2PRFIN20070623_042307_000000372059_00162_27771_2405.N1	23-JUN-2007 04:23:07	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27771	No
56	GOM_NL__2PRFIN20070623_042451_000000362059_00162_27771_2406.N1	23-JUN-2007 04:24:51	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27771	No
57	GOM_NL__2PRFIN20070623_042658_000000362059_00162_27771_2407.N1	23-JUN-2007 04:26:58	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27771	No
58	GOM_NL__2PRFIN20070623_043005_000000372059_00162_27771_2408.N1	23-JUN-2007 04:30:05	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27771	No
59	GOM_NL__2PRFIN20070623_043355_000000372059_00162_27771_2409.N1	23-JUN-2007 04:33:55	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27771	No
60	GOM_NL__2PRFIN20070623_043546_000000362059_00162_27771_2410.N1	23-JUN-2007 04:35:46	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27771	No
61	GOM_NL__2PRFIN20070623_044514_000000352059_00162_27771_2411.N1	23-JUN-2007 04:45:14	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27771	No
62	GOM_NL__2PRFIN20070623_044859_000000322059_00162_27771_2412.N1	23-JUN-2007 04:48:59	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27771	No
63	GOM_NL__2PRFIN20070623_045327_000000342059_00162_27771_2413.N1	23-JUN-2007 04:53:27	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27771	No
64	GOM_NL__2PRFIN20070623_050346_000000402059_00162_27771_2414.N1	23-JUN-2007 05:03:46	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	27771	No
65	GOM_NL__2PRFIN20070623_050728_000000352059_00162_27771_2415.N1	23-JUN-2007 05:07:28	Bright	34.500	79	26Bet Per	2.3100	13100.	69	27771	No
66	GOM_NL__2PRFIN20070623_051815_000000412059_00162_27771_2416.N1	23-JUN-2007 05:18:15	Dark	40.500	94	92Alp Cet	2.5260	3100.0	81	27771	No
67	GOM_NL__2PRFIN20070623_052217_000000362059_00162_27771_2417.N1	23-JUN-2007 05:22:17	Dark	35.500	165	34Gam Eri	2.9500	3200.0	71	27771	No
68	GOM_NL__2PRFIN20070623_053620_000000432059_00162_27771_2418.N1	23-JUN-2007 05:36:20	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27771	No
69	GOM_NL__2PRFIN20070623_054127_000000352059_00163_27772_2413.N1	23-JUN-2007 05:41:27	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	27772	No
70	GOM_NL__2PRFIN20070623_055230_000000402059_00163_27772_2414.N1	23-JUN-2007 05:52:30	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27772	No
71	GOM_NL__2PRFIN20070623_055354_000000372059_00163_27772_2415.N1	23-JUN-2007 05:53:54	Straylight	36.500	147	Alp Ara	2.8770	26000.	73	27772	No
72	GOM_NL__2PRFIN20070623_055541_000000392059_00163_27772_2416.N1	23-JUN-2007 05:55:41	Twi_and_stray	39.000	40	The Sco	1.8590	7100.0	78	27772	No
73	GOM_NL__2PRFIN20070623_055722_000000392059_00163_27772_2417.N1	23-JUN-2007 05:57:22	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	27772	No
74	GOM_NL__2PRFIN20070623_055843_000000452059_00163_27772_2418.N1	23-JUN-2007 05:58:43	Bright	45.000	75	26Eps Sco	2.2910	4250.0	90	27772	No
75	GOM_NL__2PRFIN20070623_060126_000000372059_00163_27772_2419.N1	23-JUN-2007 06:01:26	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27772	No
76	GOM_NL__2PRFIN20070623_060343_000000382059_00163_27772_2420.N1	23-JUN-2007 06:03:43	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27772	No
77	GOM_NL__2PRFIN20070623_060527_000000362059_00163_27772_2421.N1	23-JUN-2007 06:05:27	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27772	No
78	GOM_NL__2PRFIN20070623_060734_000000362059_00163_27772_2422.N1	23-JUN-2007 06:07:34	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27772	No
79	GOM_NL__2PRFIN20070623_061041_000000352059_00163_27772_2423.N1	23-JUN-2007 06:10:41	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27772	No
80	GOM_NL__2PRFIN20070623_061431_000000342059_00163_27772_2424.N1	23-JUN-2007 06:14:31	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	27772	No
81	GOM_NL__2PRFIN20070623_061622_000000362059_00163_27772_2425.N1	23-JUN-2007 06:16:22	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27772	No
82	GOM_NL__2PRFIN20070623_062550_000000372059_00163_27772_2426.N1	23-JUN-2007 06:25:50	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27772	No
83	GOM_NL__2PRFIN20070623_062935_000000372059_00163_27772_2427.N1	23-JUN-2007 06:29:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27772	No
84	GOM_NL__2PRFIN20070623_063403_000000362059_00163_27772_2428.N1	23-JUN-2007 06:34:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27772	No
85	GOM_NL__2PRFIN20070623_064422_000000432059_00163_27772_2429.N1	23-JUN-2007 06:44:22	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	27772	No
86	GOM_NL__2PRFIN20070623_064804_000000402059_00163_27772_2430.N1	23-JUN-2007 06:48:04	Bright	40.000	79	26Bet Per	2.3100	13100.	80	27772	No
87	GOM_NL__2PRFIN20070623_065852_000000372059_00163_27772_2431.N1	23-JUN-2007 06:58:52	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27772	No
88	GOM_NL__2PRFIN20070623_070253_000000432059_00163_27772_2432.N1	23-JUN-2007 07:02:53	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27772	No
89	GOM_NL__2PRFIN20070623_071656_000000442059_00163_27772_2433.N1	23-JUN-2007 07:16:56	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27772	No
90	GOM_NL__2PRFIN20070623_072204_000000362059_00164_27773_2424.N1	23-JUN-2007 07:22:04	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27773	No
91	GOM_NL__2PRFIN20070623_073306_000000392059_00164_27773_2425.N1	23-JUN-2007 07:33:06	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27773	No
92	GOM_NL__2PRFIN20070623_073431_000000402059_00164_27773_2426.N1	23-JUN-2007 07:34:31	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	27773	No
93	GOM_NL__2PRFIN20070623_073617_000000422059_00164_27773_2427.N1	23-JUN-2007 07:36:17	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27773	No
94	GOM_NL__2PRFIN20070623_073758_000000432059_00164_27773_2428.N1	23-JUN-2007 07:37:58	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27773	No
95	GOM_NL__2PRFIN20070623_073919_000000422059_00164_27773_2429.N1	23-JUN-2007 07:39:19	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27773	No
96	GOM_NL__2PRFIN20070623_074202_000000362059_00164_27773_2430.N1	23-JUN-2007 07:42:02	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27773	No
97	GOM_NL__2PRFIN20070623_074419_000000382059_00164_27773_2431.N1	23-JUN-2007 07:44:19	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27773	No
98	GOM_NL__2PRFIN20070623_074603_000000362059_00164_27773_2432.N1	23-JUN-2007 07:46:03	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27773	No
99	GOM_NL__2PRFIN20070623_074810_000000362059_00164_27773_2433.N1	23-JUN-2007 07:48:10	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27773	No
100	GOM_NL__2PRFIN20070623_075117_000000372059_00164_27773_2434.N1	23-JUN-2007 07:51:17	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27773	No
101	GOM_NL__2PRFIN20070623_075507_000000352059_00164_27773_2435.N1	23-JUN-2007 07:55:07	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27773	No

102	GOM_NL__2PRFIN20070623_075658_000000352059_00164_27773_2436.N1	23-JUN-2007 07:56:58	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27773	No
103	GOM_NL__2PRFIN20070623_080626_000000362059_00164_27773_2437.N1	23-JUN-2007 08:06:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27773	No
104	GOM_NL__2PRFIN20070623_081011_000000332059_00164_27773_2438.N1	23-JUN-2007 08:10:11	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	27773	No
105	GOM_NL__2PRFIN20070623_081439_000000362059_00164_27773_2439.N1	23-JUN-2007 08:14:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27773	No
106	GOM_NL__2PRFIN20070623_082458_000000352059_00164_27773_2440.N1	23-JUN-2007 08:24:58	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27773	No
107	GOM_NL__2PRFIN20070623_082840_000000422059_00164_27773_2441.N1	23-JUN-2007 08:28:40	Bright	41.500	79	26Bet Per	2.3100	13100.	83	27773	No
108	GOM_NL__2PRFIN20070623_083928_000000372059_00164_27773_2442.N1	23-JUN-2007 08:39:28	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27773	No
109	GOM_NL__2PRFIN20070623_084329_000000412059_00164_27773_2443.N1	23-JUN-2007 08:43:29	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	27773	No
110	GOM_NL__2PRFIN20070623_085733_000000392059_00164_27773_2444.N1	23-JUN-2007 08:57:33	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27773	No
111	GOM_NL__2PRFIN20070623_090240_000000352059_00165_27774_2479.N1	23-JUN-2007 09:02:40	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	27774	No
112	GOM_NL__2PRFIN20070623_091342_000000392059_00165_27774_2480.N1	23-JUN-2007 09:13:42	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27774	No
113	GOM_NL__2PRFIN20070623_091507_000000402059_00165_27774_2481.N1	23-JUN-2007 09:15:07	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	27774	No
114	GOM_NL__2PRFIN20070623_091653_000000422059_00165_27774_2482.N1	23-JUN-2007 09:16:53	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27774	No
115	GOM_NL__2PRFIN20070623_091834_000000422059_00165_27774_2483.N1	23-JUN-2007 09:18:34	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27774	No
116	GOM_NL__2PRFIN20070623_091955_000000452059_00165_27774_2484.N1	23-JUN-2007 09:19:55	Bright	44.500	75	26Eps Sco	2.2910	4250.0	89	27774	No
117	GOM_NL__2PRFIN20070623_092238_000000372059_00165_27774_2485.N1	23-JUN-2007 09:22:38	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27774	No
118	GOM_NL__2PRFIN20070623_092456_000000372059_00165_27774_2486.N1	23-JUN-2007 09:24:56	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27774	No
119	GOM_NL__2PRFIN20070623_092639_000000352059_00165_27774_2487.N1	23-JUN-2007 09:26:39	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	27774	No
120	GOM_NL__2PRFIN20070623_092846_000000362059_00165_27774_2488.N1	23-JUN-2007 09:28:46	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27774	No
121	GOM_NL__2PRFIN20070623_093153_000000372059_00165_27774_2489.N1	23-JUN-2007 09:31:53	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27774	No
122	GOM_NL__2PRFIN20070623_093543_000000362059_00165_27774_2490.N1	23-JUN-2007 09:35:43	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27774	No
123	GOM_NL__2PRFIN20070623_093734_000000362059_00165_27774_2491.N1	23-JUN-2007 09:37:34	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27774	No
124	GOM_NL__2PRFIN20070623_094702_000000362059_00165_27774_2492.N1	23-JUN-2007 09:47:02	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27774	No
125	GOM_NL__2PRFIN20070623_095047_000000342059_00165_27774_2493.N1	23-JUN-2007 09:50:47	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27774	No
126	GOM_NL__2PRFIN20070623_095515_000000362059_00165_27774_2494.N1	23-JUN-2007 09:55:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27774	No
127	GOM_NL__2PRFIN20070623_100534_000000542059_00165_27774_2495.N1	23-JUN-2007 10:05:34	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	27774	No
128	GOM_NL__2PRFIN20070623_100916_000000362059_00165_27774_2496.N1	23-JUN-2007 10:09:16	Bright	36.000	79	26Bet Per	2.3100	13100.	72	27774	No
129	GOM_NL__2PRFIN20070623_102004_000000442059_00165_27774_2497.N1	23-JUN-2007 10:20:04	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27774	No
130	GOM_NL__2PRFIN20070623_102405_000000412059_00165_27774_2498.N1	23-JUN-2007 10:24:05	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	27774	No
131	GOM_NL__2PRFIN20070623_103809_000000392059_00165_27774_2499.N1	23-JUN-2007 10:38:09	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27774	No
132	GOM_NL__2PRFIN20070623_104316_000000362059_00166_27775_2495.N1	23-JUN-2007 10:43:16	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27775	No
133	GOM_NL__2PRFIN20070623_105418_000000382059_00166_27775_2496.N1	23-JUN-2007 10:54:18	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27775	No
134	GOM_NL__2PRFIN20070623_105543_000000392059_00166_27775_2497.N1	23-JUN-2007 10:55:43	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27775	No
135	GOM_NL__2PRFIN20070623_105729_000000402059_00166_27775_2498.N1	23-JUN-2007 10:57:29	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27775	No
136	GOM_NL__2PRFIN20070623_105911_000000422059_00166_27775_2499.N1	23-JUN-2007 10:59:11	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27775	No
137	GOM_NL__2PRFIN20070623_110031_000000432059_00166_27775_2500.N1	23-JUN-2007 11:00:31	Bright	43.000	75	26Eps Sco	2.2910	4250.0	86	27775	No
138	GOM_NL__2PRFIN20070623_110314_000000372059_00166_27775_2501.N1	23-JUN-2007 11:03:14	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27775	No
139	GOM_NL__2PRFIN20070623_110532_000000372059_00166_27775_2502.N1	23-JUN-2007 11:05:32	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27775	No
140	GOM_NL__2PRFIN20070623_110715_000000362059_00166_27775_2503.N1	23-JUN-2007 11:07:15	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27775	No
141	GOM_NL__2PRFIN20070623_110922_000000362059_00166_27775_2504.N1	23-JUN-2007 11:09:22	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27775	No
142	GOM_NL__2PRFIN20070623_111229_000000372059_00166_27775_2505.N1	23-JUN-2007 11:12:29	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27775	No
143	GOM_NL__2PRFIN20070623_111619_000000362059_00166_27775_2506.N1	23-JUN-2007 11:16:19	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27775	No
144	GOM_NL__2PRFIN20070623_111810_000000362059_00166_27775_2507.N1	23-JUN-2007 11:18:10	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27775	No
145	GOM_NL__2PRFIN20070623_112738_000000372059_00166_27775_2508.N1	23-JUN-2007 11:27:38	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27775	No
146	GOM_NL__2PRFIN20070623_113123_000000372059_00166_27775_2509.N1	23-JUN-2007 11:31:23	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27775	No
147	GOM_NL__2PRFIN20070623_113551_000000362059_00166_27775_2510.N1	23-JUN-2007 11:35:51	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27775	No
148	GOM_NL__2PRFIN20070623_114610_000000342059_00166_27775_2511.N1	23-JUN-2007 11:46:10	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27775	No
149	GOM_NL__2PRFIN20070623_114952_000000372059_00166_27775_2512.N1	23-JUN-2007 11:49:52	Bright	36.500	79	26Bet Per	2.3100	13100.	73	27775	No
150	GOM_NL__2PRFIN20070623_120040_000000442059_00166_27775_2513.N1	23-JUN-2007 12:00:40	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27775	No
151	GOM_NL__2PRFIN20070623_120441_000000422059_00166_27775_2514.N1	23-JUN-2007 12:04:41	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	27775	No
152	GOM_NL__2PRFIN20070623_121845_000000462059_00166_27775_2515.N1	23-JUN-2007 12:18:45	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27775	No
153	GOM_NL__2PRFIN20070623_122352_000000362059_00167_27776_2543.N1	23-JUN-2007 12:23:52	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27776	No
154	GOM_NL__2PRFIN20070623_123454_000000372059_00167_27776_2544.N1	23-JUN-2007 12:34:54	Straylight	36.500	141	Bet Ara	2.8400	4600.0	73	27776	No
155	GOM_NL__2PRFIN20070623_123619_000000372059_00167_27776_2545.N1	23-JUN-2007 12:36:19	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27776	No
156	GOM_NL__2PRFIN20070623_123806_000000422059_00167_27776_2546.N1	23-JUN-2007 12:38:06	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27776	No
157	GOM_NL__2PRFIN20070623_123947_000000412059_00167_27776_2547.N1	23-JUN-2007 12:39:47	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27776	No
158	GOM_NL__2PRFIN20070623_124107_000000472059_00167_27776_2548.N1	23-JUN-2007 12:41:07	Bright	47.000	75	26Eps Sco	2.2910	4250.0	94	27776	No
159	GOM_NL__2PRFIN20070623_124350_000000362059_00167_27776_2549.N1	23-JUN-2007 12:43:50	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27776	No
160	GOM_NL__2PRFIN20070623_124608_000000372059_00167_27776_2550.N1	23-JUN-2007 12:46:08	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27776	No

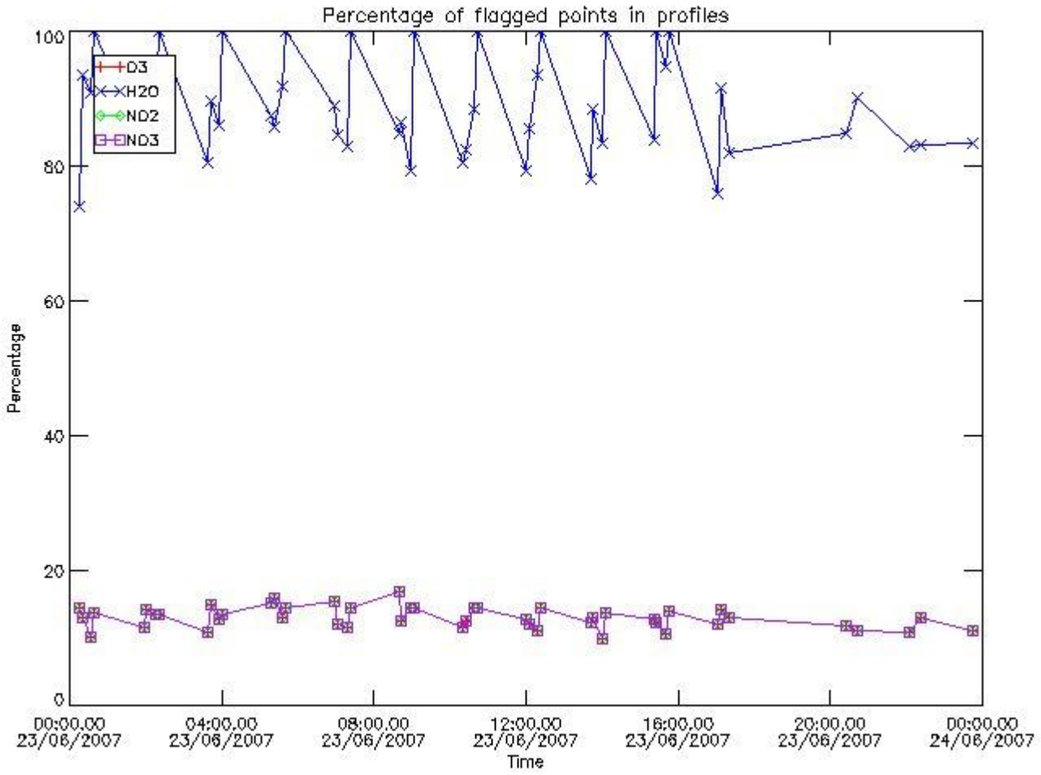
161	GOM_NL__2PRFIN20070623_124751_000000362059_00167_27776_2551.N1	23-JUN-2007 12:47:51	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27776	No
162	GOM_NL__2PRFIN20070623_124958_000000362059_00167_27776_2552.N1	23-JUN-2007 12:49:58	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27776	No
163	GOM_NL__2PRFIN20070623_125306_000000352059_00167_27776_2553.N1	23-JUN-2007 12:53:06	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27776	No
164	GOM_NL__2PRFIN20070623_125655_000000342059_00167_27776_2554.N1	23-JUN-2007 12:56:55	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	27776	No
165	GOM_NL__2PRFIN20070623_125846_000000362059_00167_27776_2555.N1	23-JUN-2007 12:58:46	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27776	No
166	GOM_NL__2PRFIN20070623_130814_000000362059_00167_27776_2556.N1	23-JUN-2007 13:08:14	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27776	No
167	GOM_NL__2PRFIN20070623_131159_000000382059_00167_27776_2557.N1	23-JUN-2007 13:11:59	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27776	No
168	GOM_NL__2PRFIN20070623_131627_000000362059_00167_27776_2558.N1	23-JUN-2007 13:16:27	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27776	No
169	GOM_NL__2PRFIN20070623_132646_000000382059_00167_27776_2559.N1	23-JUN-2007 13:26:46	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	27776	No
170	GOM_NL__2PRFIN20070623_133029_000000542059_00167_27776_2560.N1	23-JUN-2007 13:30:29	Bright	54.000	79	26Bet Per	2.3100	13100.	108	27776	No
171	GOM_NL__2PRFIN20070623_134116_000000422059_00167_27776_2561.N1	23-JUN-2007 13:41:16	Dark	41.500	94	92Alp Cet	2.5260	3100.0	83	27776	No
172	GOM_NL__2PRFIN20070623_134517_000000402059_00167_27776_2562.N1	23-JUN-2007 13:45:17	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	27776	No
173	GOM_NL__2PRFIN20070623_135921_000000522059_00167_27776_2563.N1	23-JUN-2007 13:59:21	Dark	51.500	9	Alp Eri	0.45300	24000.	103	27776	No
174	GOM_NL__2PRFIN20070623_140428_000000372059_00168_27777_2556.N1	23-JUN-2007 14:04:28	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27777	No
175	GOM_NL__2PRFIN20070623_141530_000000412059_00168_27777_2557.N1	23-JUN-2007 14:15:30	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27777	No
176	GOM_NL__2PRFIN20070623_141655_000000372059_00168_27777_2558.N1	23-JUN-2007 14:16:55	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27777	No
177	GOM_NL__2PRFIN20070623_141842_000000432059_00168_27777_2559.N1	23-JUN-2007 14:18:42	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27777	No
178	GOM_NL__2PRFIN20070623_142023_000000412059_00168_27777_2560.N1	23-JUN-2007 14:20:23	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27777	No
179	GOM_NL__2PRFIN20070623_142143_000000432059_00168_27777_2561.N1	23-JUN-2007 14:21:43	Bright	42.500	75	26Eps Sco	2.2910	4250.0	85	27777	No
180	GOM_NL__2PRFIN20070623_142426_000000372059_00168_27777_2562.N1	23-JUN-2007 14:24:26	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27777	No
181	GOM_NL__2PRFIN20070623_142644_000000372059_00168_27777_2563.N1	23-JUN-2007 14:26:44	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27777	No
182	GOM_NL__2PRFIN20070623_142827_000000362059_00168_27777_2564.N1	23-JUN-2007 14:28:27	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27777	No
183	GOM_NL__2PRFIN20070623_143034_000000362059_00168_27777_2565.N1	23-JUN-2007 14:30:34	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27777	No
184	GOM_NL__2PRFIN20070623_143342_000000352059_00168_27777_2566.N1	23-JUN-2007 14:33:42	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27777	No
185	GOM_NL__2PRFIN20070623_143731_000000362059_00168_27777_2567.N1	23-JUN-2007 14:37:31	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27777	No
186	GOM_NL__2PRFIN20070623_143922_000000352059_00168_27777_2568.N1	23-JUN-2007 14:39:22	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27777	No
187	GOM_NL__2PRFIN20070623_144849_000000342059_00168_27777_2569.N1	23-JUN-2007 14:48:49	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	27777	No
188	GOM_NL__2PRFIN20070623_145235_000000382059_00168_27777_2570.N1	23-JUN-2007 14:52:35	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27777	No
189	GOM_NL__2PRFIN20070623_145703_000000362059_00168_27777_2571.N1	23-JUN-2007 14:57:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27777	No
190	GOM_NL__2PRFIN20070623_150722_000000542059_00168_27777_2572.N1	23-JUN-2007 15:07:22	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	27777	No
191	GOM_NL__2PRFIN20070623_151104_000000332059_00168_27777_2573.N1	23-JUN-2007 15:11:04	Bright	33.000	79	26Bet Per	2.3100	13100.	66	27777	No
192	GOM_NL__2PRFIN20070623_152153_000000442059_00168_27777_2574.N1	23-JUN-2007 15:21:53	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27777	No
193	GOM_NL__2PRFIN20070623_152553_000000422059_00168_27777_2575.N1	23-JUN-2007 15:25:53	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	27777	No
194	GOM_NL__2PRFIN20070623_153958_000000482059_00168_27777_2576.N1	23-JUN-2007 15:39:58	Dark	48.000	9	Alp Eri	0.45300	24000.	96	27777	No
195	GOM_NL__2PRFIN20070623_154504_000000372059_00169_27778_2609.N1	23-JUN-2007 15:45:04	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27778	No
196	GOM_NL__2PRFIN20070623_155607_000000372059_00169_27778_2610.N1	23-JUN-2007 15:56:07	Straylight	37.000	141	Bet Ara	2.8400	4600.0	74	27778	No
197	GOM_NL__2PRFIN20070623_155731_000000372059_00169_27778_2611.N1	23-JUN-2007 15:57:31	Straylight	37.000	147	Alp Ara	2.8770	26000.	74	27778	No
198	GOM_NL__2PRFIN20070623_155918_000000422059_00169_27778_2612.N1	23-JUN-2007 15:59:18	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27778	No
199	GOM_NL__2PRFIN20070623_160059_000000422059_00169_27778_2613.N1	23-JUN-2007 16:00:59	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27778	No
200	GOM_NL__2PRFIN20070623_160219_000000522059_00169_27778_2614.N1	23-JUN-2007 16:02:19	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27778	No
201	GOM_NL__2PRFIN20070623_160502_000000362059_00169_27778_2615.N1	23-JUN-2007 16:05:02	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27778	No
202	GOM_NL__2PRFIN20070623_160720_000000382059_00169_27778_2616.N1	23-JUN-2007 16:07:20	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27778	No
203	GOM_NL__2PRFIN20070623_160903_000000372059_00169_27778_2617.N1	23-JUN-2007 16:09:03	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27778	No
204	GOM_NL__2PRFIN20070623_161110_000000362059_00169_27778_2618.N1	23-JUN-2007 16:11:10	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27778	No
205	GOM_NL__2PRFIN20070623_161418_000000352059_00169_27778_2619.N1	23-JUN-2007 16:14:18	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27778	No
206	GOM_NL__2PRFIN20070623_161807_000000372059_00169_27778_2620.N1	23-JUN-2007 16:18:07	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27778	No
207	GOM_NL__2PRFIN20070623_161959_000000362059_00169_27778_2621.N1	23-JUN-2007 16:19:59	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27778	No
208	GOM_NL__2PRFIN20070623_162925_000000352059_00169_27778_2622.N1	23-JUN-2007 16:29:25	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27778	No
209	GOM_NL__2PRFIN20070623_163311_000000342059_00169_27778_2623.N1	23-JUN-2007 16:33:11	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27778	No
210	GOM_NL__2PRFIN20070623_163739_000000372059_00169_27778_2624.N1	23-JUN-2007 16:37:39	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	27778	No
211	GOM_NL__2PRFIN20070623_164758_000000482059_00169_27778_2625.N1	23-JUN-2007 16:47:58	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	27778	No
212	GOM_NL__2PRFIN20070623_165141_000000362059_00169_27778_2626.N1	23-JUN-2007 16:51:41	Bright	36.000	79	26Bet Per	2.3100	13100.	72	27778	No
213	GOM_NL__2PRFIN20070623_170229_000000422059_00169_27778_2627.N1	23-JUN-2007 17:02:29	Dark	42.000	94	92Alp Cet	2.5260	3100.0	84	27778	No
214	GOM_NL__2PRFIN20070623_170630_000000362059_00169_27778_2628.N1	23-JUN-2007 17:06:30	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	27778	No
215	GOM_NL__2PRFIN20070623_172034_000000392059_00169_27778_2629.N1	23-JUN-2007 17:20:34	Dark	38.500	9	Alp Eri	0.45300	24000.	77	27778	No
216	GOM_NL__2PRFIN20070623_190821_000000432059_00171_27780_2645.N1	23-JUN-2007 19:08:21	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	27780	No
217	GOM_NL__2PRFIN20070623_191253_000000422059_00171_27780_2646.N1	23-JUN-2007 19:12:53	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27780	No
218	GOM_NL__2PRFIN20070623_191719_000000372059_00171_27780_2647.N1	23-JUN-2007 19:17:19	Straylight	37.000	141	Bet Ara	2.8400	4600.0	74	27780	No
219	GOM_NL__2PRFIN20070623_191844_000000372059_00171_27780_2648.N1	23-JUN-2007 19:18:44	Straylight	36.500	147	Alp Ara	2.8770	26000.	73	27780	No

220	GOM_NL__2PRFIN20070623_192030_000000422059_00171_27780_2649.N1	23-JUN-2007 19:20:30	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27780	No
221	GOM_NL__2PRFIN20070623_192211_000000402059_00171_27780_2650.N1	23-JUN-2007 19:22:11	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27780	No
222	GOM_NL__2PRFIN20070623_192337_000000562059_00171_27780_2651.N1	23-JUN-2007 19:23:37	Bright	56.000	167	10Gam2Sgr	2.9840	4500.0	112	27780	No
223	GOM_NL__2PRFIN20070623_192555_000000412059_00171_27780_2652.N1	23-JUN-2007 19:25:55	Bright	41.000	16	21Alp Sco	1.0200	3000.0	82	27780	No
224	GOM_NL__2PRFIN20070623_192832_000000382059_00171_27780_2653.N1	23-JUN-2007 19:28:32	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27780	No
225	GOM_NL__2PRFIN20070623_193016_000000362059_00171_27780_2654.N1	23-JUN-2007 19:30:16	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27780	No
226	GOM_NL__2PRFIN20070623_193223_000000362059_00171_27780_2655.N1	23-JUN-2007 19:32:23	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27780	No
227	GOM_NL__2PRFIN20070623_193919_000000352059_00171_27780_2656.N1	23-JUN-2007 19:39:19	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27780	No
228	GOM_NL__2PRFIN20070623_194212_000000362059_00171_27780_2657.N1	23-JUN-2007 19:42:12	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	27780	No
229	GOM_NL__2PRFIN20070623_195037_000000382059_00171_27780_2658.N1	23-JUN-2007 19:50:37	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27780	No
230	GOM_NL__2PRFIN20070623_195423_000000342059_00171_27780_2659.N1	23-JUN-2007 19:54:23	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27780	No
231	GOM_NL__2PRFIN20070623_195851_000000352059_00171_27780_2660.N1	23-JUN-2007 19:58:51	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27780	No
232	GOM_NL__2PRFIN20070623_200910_000000352059_00171_27780_2661.N1	23-JUN-2007 20:09:10	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	27780	No
233	GOM_NL__2PRFIN20070623_201253_000000352059_00171_27780_2662.N1	23-JUN-2007 20:12:53	Bright	35.000	79	26Bet Per	2.3100	13100.	70	27780	No
234	GOM_NL__2PRFIN20070623_202342_000000442059_00171_27780_2663.N1	23-JUN-2007 20:23:42	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27780	No
235	GOM_NL__2PRFIN20070623_204147_000000462059_00171_27780_2664.N1	23-JUN-2007 20:41:47	Dark	46.000	9	Alp Eri	0.45300	24000.	92	27780	No
236	GOM_NL__2PRFIN20070623_204858_000000422059_00172_27781_2661.N1	23-JUN-2007 20:48:58	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27781	No
237	GOM_NL__2PRFIN20070623_205329_000000412059_00172_27781_2662.N1	23-JUN-2007 20:53:29	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27781	No
238	GOM_NL__2PRFIN20070623_205755_000000442059_00172_27781_2663.N1	23-JUN-2007 20:57:55	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	27781	No
239	GOM_NL__2PRFIN20070623_205920_000000382059_00172_27781_2664.N1	23-JUN-2007 20:59:20	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27781	No
240	GOM_NL__2PRFIN20070623_210107_000000382059_00172_27781_2665.N1	23-JUN-2007 21:01:07	Twi_and_stray	37.500	40	The Sco	1.8590	7100.0	75	27781	No
241	GOM_NL__2PRFIN20070623_210248_000000432059_00172_27781_2666.N1	23-JUN-2007 21:02:48	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27781	No
242	GOM_NL__2PRFIN20070623_210413_000000532059_00172_27781_2667.N1	23-JUN-2007 21:04:13	Bright	53.000	167	10Gam2Sgr	2.9840	4500.0	106	27781	No
243	GOM_NL__2PRFIN20070623_210632_000000412059_00172_27781_2668.N1	23-JUN-2007 21:06:32	Bright	40.500	16	21Alp Sco	1.0200	3000.0	81	27781	No
244	GOM_NL__2PRFIN20070623_210908_000000372059_00172_27781_2669.N1	23-JUN-2007 21:09:08	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27781	No
245	GOM_NL__2PRFIN20070623_211052_000000362059_00172_27781_2670.N1	23-JUN-2007 21:10:52	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27781	No
246	GOM_NL__2PRFIN20070623_211259_000000362059_00172_27781_2671.N1	23-JUN-2007 21:12:59	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27781	No
247	GOM_NL__2PRFIN20070623_211955_000000352059_00172_27781_2672.N1	23-JUN-2007 21:19:55	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27781	No
248	GOM_NL__2PRFIN20070623_212247_000000372059_00172_27781_2673.N1	23-JUN-2007 21:22:47	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27781	No
249	GOM_NL__2PRFIN20070623_213113_000000382059_00172_27781_2674.N1	23-JUN-2007 21:31:13	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	27781	No
250	GOM_NL__2PRFIN20070623_213459_000000362059_00172_27781_2675.N1	23-JUN-2007 21:34:59	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27781	No
251	GOM_NL__2PRFIN20070623_213927_000000362059_00172_27781_2676.N1	23-JUN-2007 21:39:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27781	No
252	GOM_NL__2PRFIN20070623_214946_000000362059_00172_27781_2677.N1	23-JUN-2007 21:49:46	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	27781	No
253	GOM_NL__2PRFIN20070623_215328_000000372059_00172_27781_2678.N1	23-JUN-2007 21:53:28	Bright	36.500	79	26Bet Per	2.3100	13100.	73	27781	No
254	GOM_NL__2PRFIN20070623_220418_000000472059_00172_27781_2679.N1	23-JUN-2007 22:04:18	Dark	46.500	94	92Alp Cet	2.5260	3100.0	93	27781	No
255	GOM_NL__2PRFIN20070623_222223_000000392059_00172_27781_2680.N1	23-JUN-2007 22:22:23	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27781	No
256	GOM_NL__2PRFIN20070623_222934_000000422059_00173_27782_2710.N1	23-JUN-2007 22:29:34	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27782	No
257	GOM_NL__2PRFIN20070623_223406_000000402059_00173_27782_2711.N1	23-JUN-2007 22:34:06	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27782	No
258	GOM_NL__2PRFIN20070623_223831_000000392059_00173_27782_2712.N1	23-JUN-2007 22:38:31	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	27782	No
259	GOM_NL__2PRFIN20070623_223956_000000382059_00173_27782_2713.N1	23-JUN-2007 22:39:56	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27782	No
260	GOM_NL__2PRFIN20070623_224143_000000432059_00173_27782_2714.N1	23-JUN-2007 22:41:43	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27782	No
261	GOM_NL__2PRFIN20070623_224324_000000422059_00173_27782_2715.N1	23-JUN-2007 22:43:24	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27782	No
262	GOM_NL__2PRFIN20070623_224449_000000512059_00173_27782_2716.N1	23-JUN-2007 22:44:49	Bright	51.000	167	10Gam2Sgr	2.9840	4500.0	102	27782	No
263	GOM_NL__2PRFIN20070623_224708_000000392059_00173_27782_2717.N1	23-JUN-2007 22:47:08	Bright	39.000	16	21Alp Sco	1.0200	3000.0	78	27782	No
264	GOM_NL__2PRFIN20070623_224944_000000382059_00173_27782_2718.N1	23-JUN-2007 22:49:44	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27782	No
265	GOM_NL__2PRFIN20070623_225128_000000362059_00173_27782_2719.N1	23-JUN-2007 22:51:28	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27782	No
266	GOM_NL__2PRFIN20070623_225335_000000362059_00173_27782_2720.N1	23-JUN-2007 22:53:35	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27782	No
267	GOM_NL__2PRFIN20070623_230031_000000372059_00173_27782_2721.N1	23-JUN-2007 23:00:31	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27782	No
268	GOM_NL__2PRFIN20070623_230323_000000372059_00173_27782_2722.N1	23-JUN-2007 23:03:23	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27782	No
269	GOM_NL__2PRFIN20070623_231149_000000372059_00173_27782_2723.N1	23-JUN-2007 23:11:49	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27782	No
270	GOM_NL__2PRFIN20070623_231535_000000372059_00173_27782_2724.N1	23-JUN-2007 23:15:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27782	No
271	GOM_NL__2PRFIN20070623_232002_000000342059_00173_27782_2725.N1	23-JUN-2007 23:20:02	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27782	No
272	GOM_NL__2PRFIN20070623_233022_000000352059_00173_27782_2726.N1	23-JUN-2007 23:30:22	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	27782	No
273	GOM_NL__2PRFIN20070623_233404_000000342059_00173_27782_2727.N1	23-JUN-2007 23:34:04	Bright	33.500	79	26Bet Per	2.3100	13100.	67	27782	No
274	GOM_NL__2PRFIN20070623_234454_000000452059_00173_27782_2728.N1	23-JUN-2007 23:44:54	Dark	45.000	94	92Alp Cet	2.5260	3100.0	90	27782	No

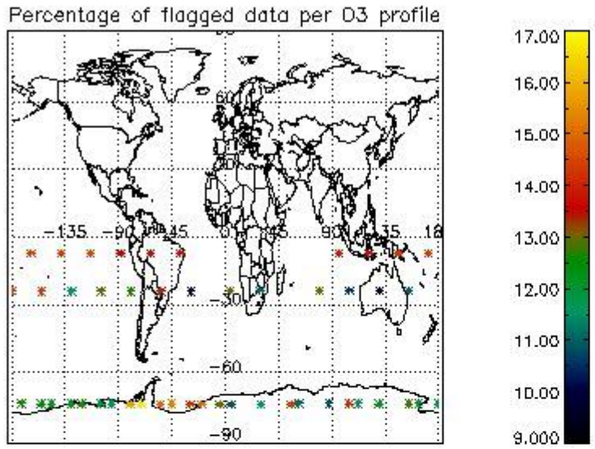
3. Quality information per product

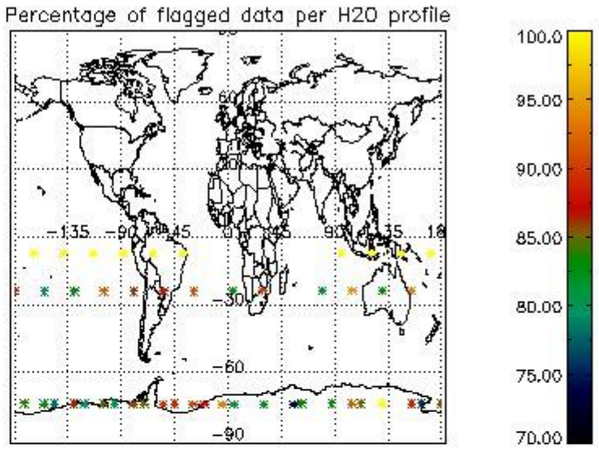
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

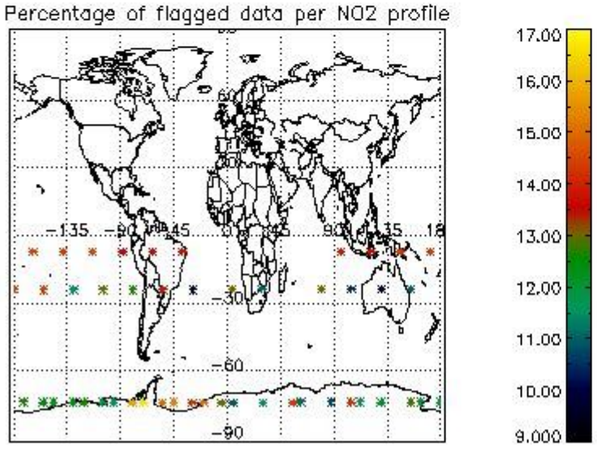
3.1 Plot quality information per product (time dependant)

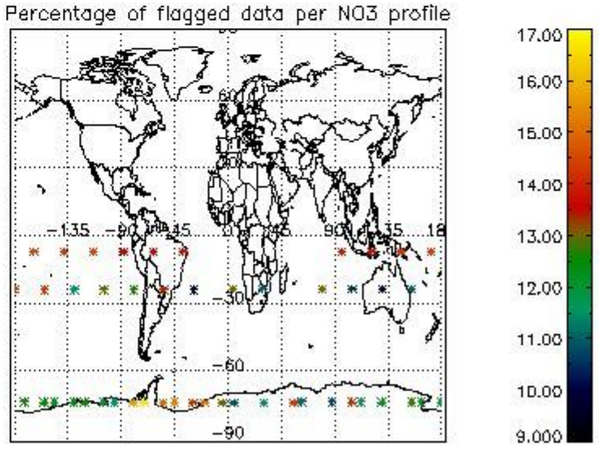


3.2 Plot quality information per product (world map)







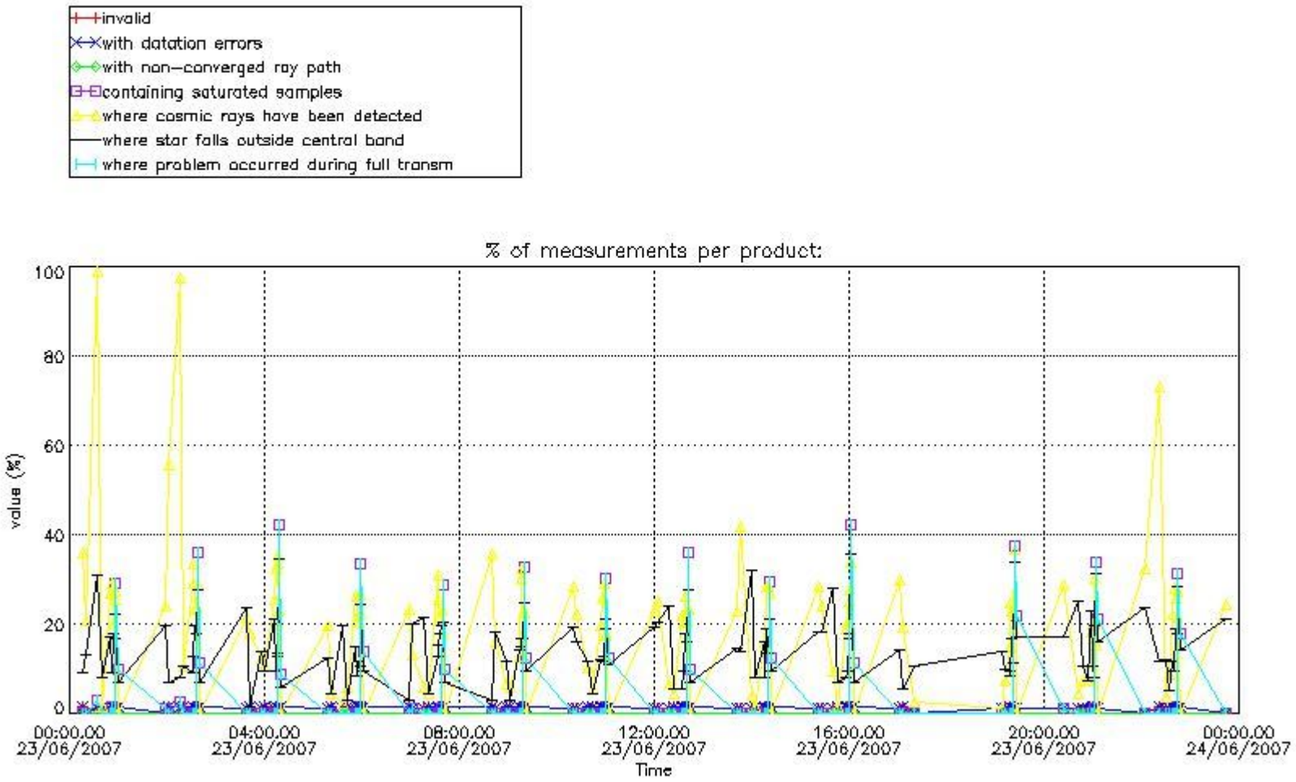


4. Level 1 quality information per product

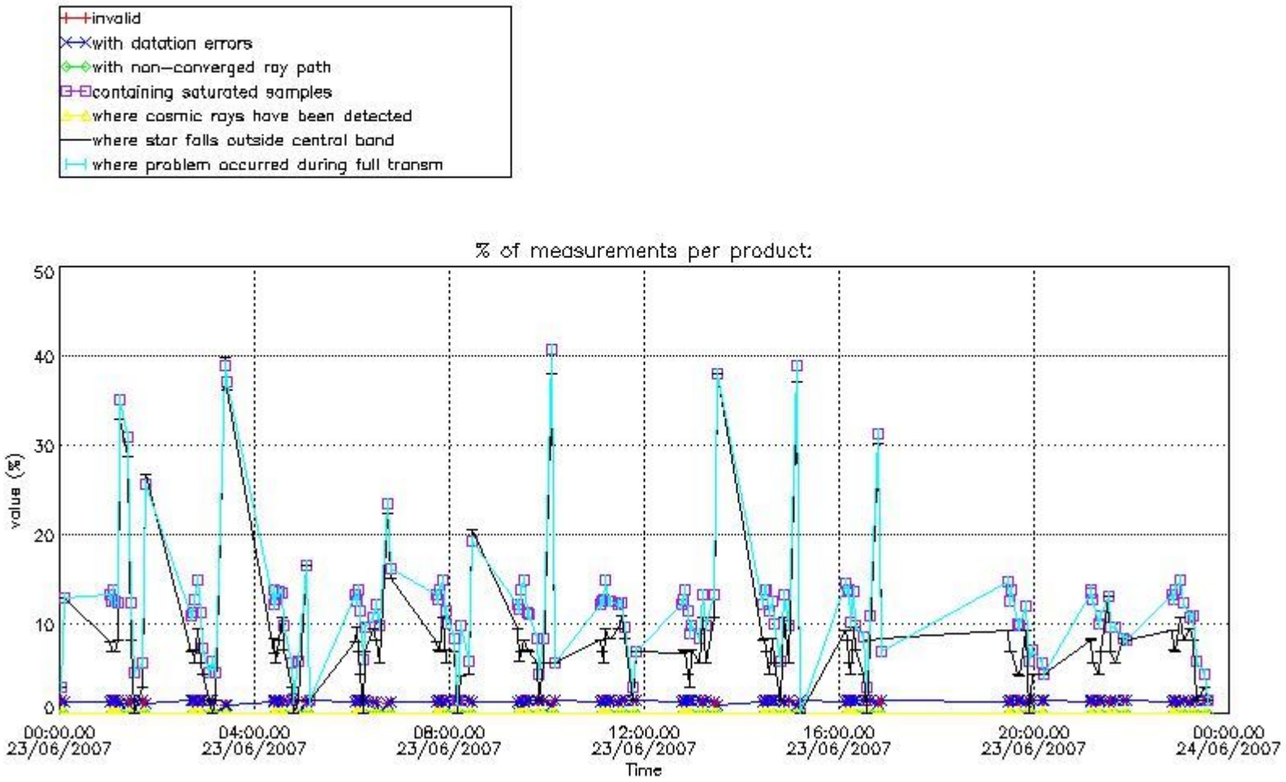
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

4.1 Plot quality information per product (time dependant) comming from level 1b processing

4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes

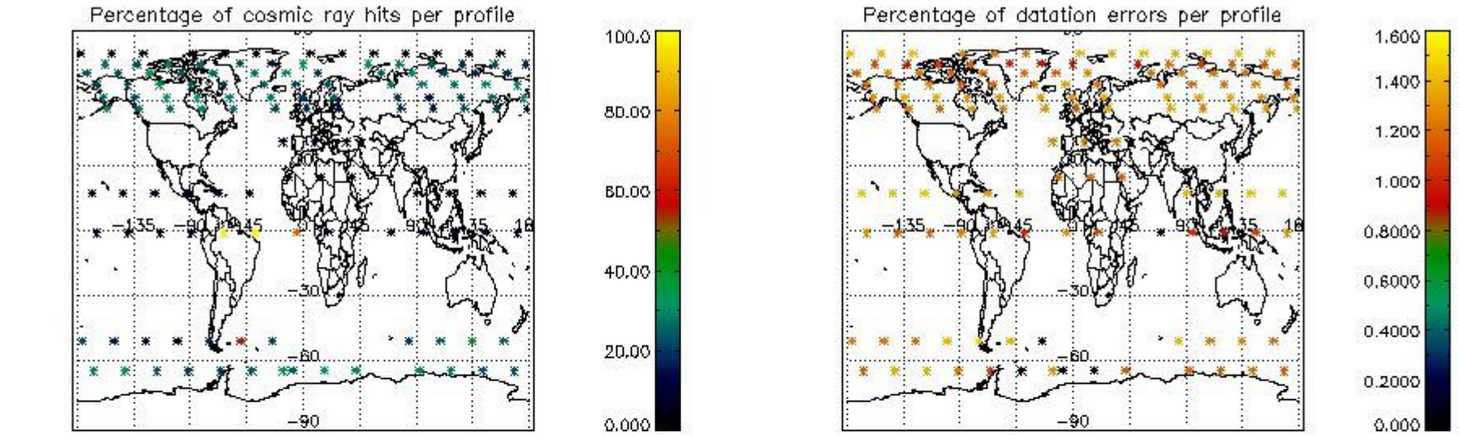


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

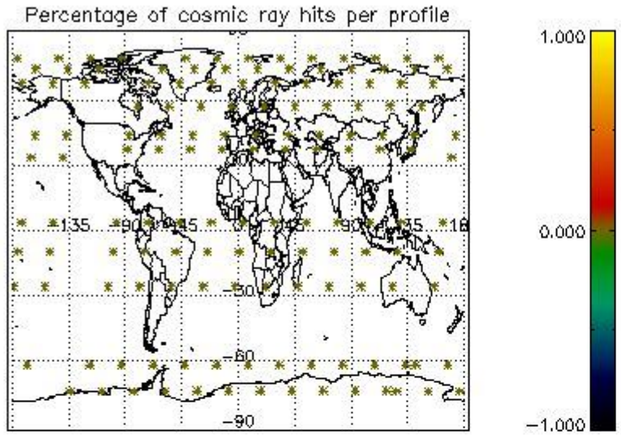


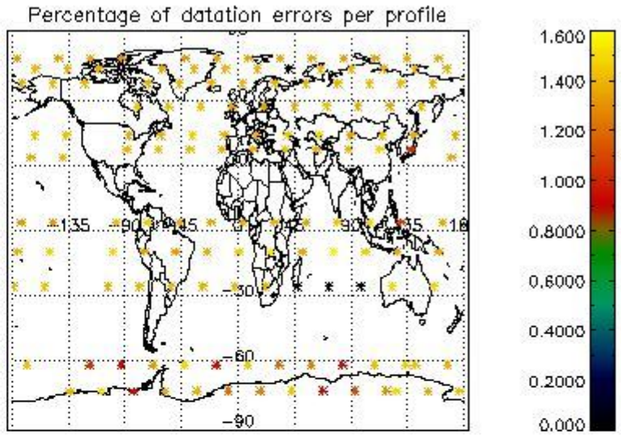
4.2 Plot quality information per product comming from level 1b processing (world map)

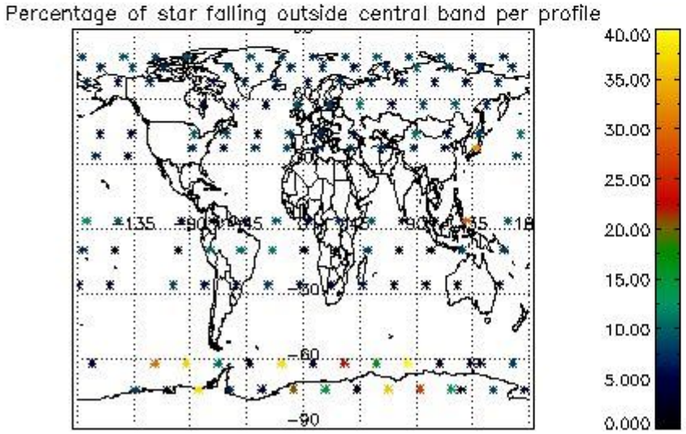
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

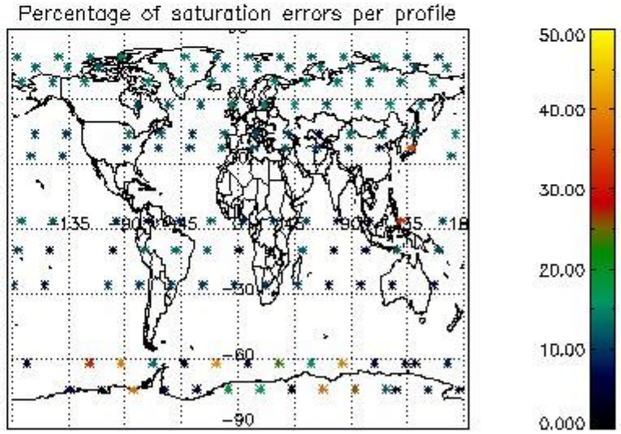


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile.
This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
    - Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

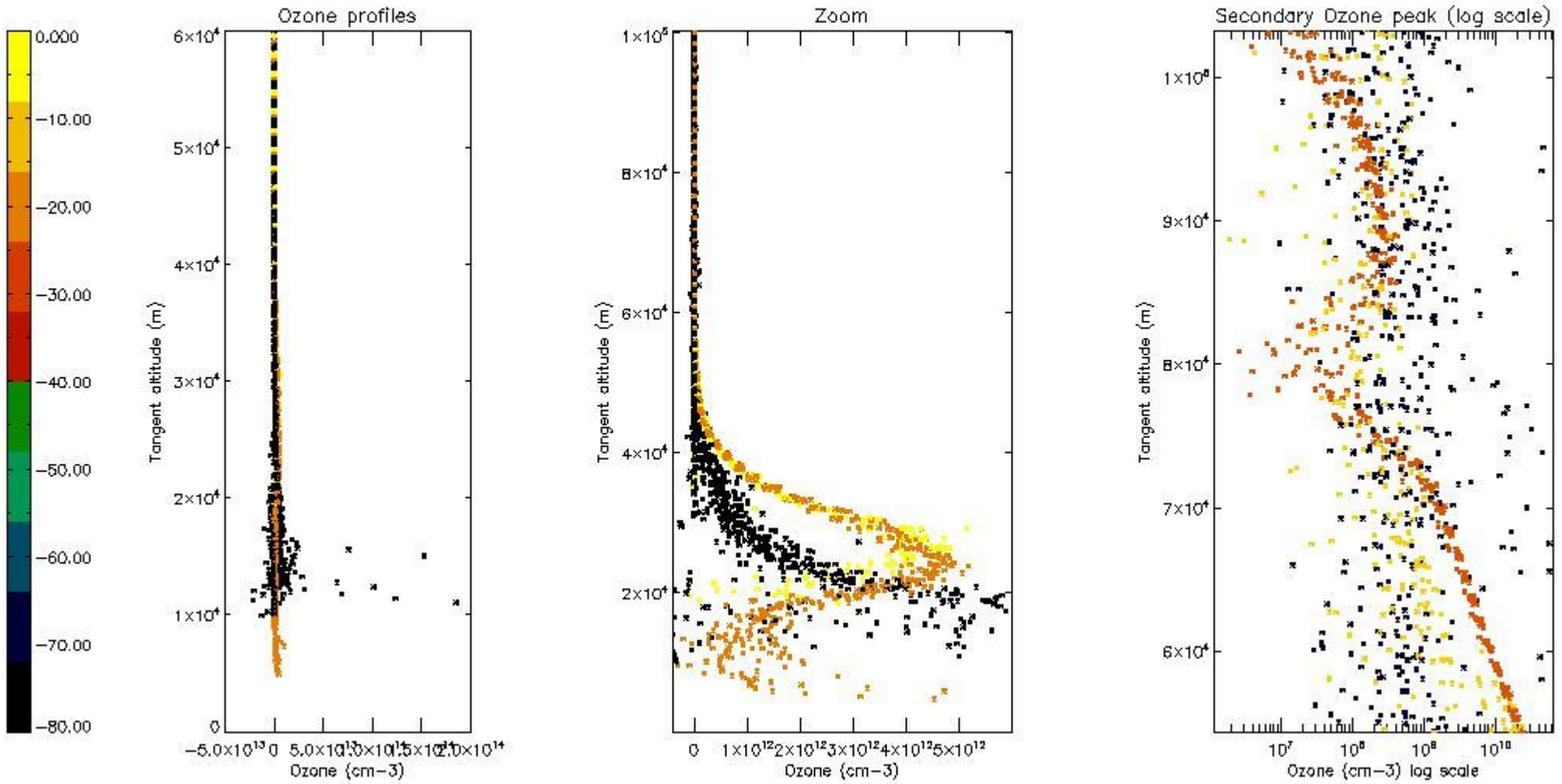
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	6

STD < 10	4
STD < 5	3

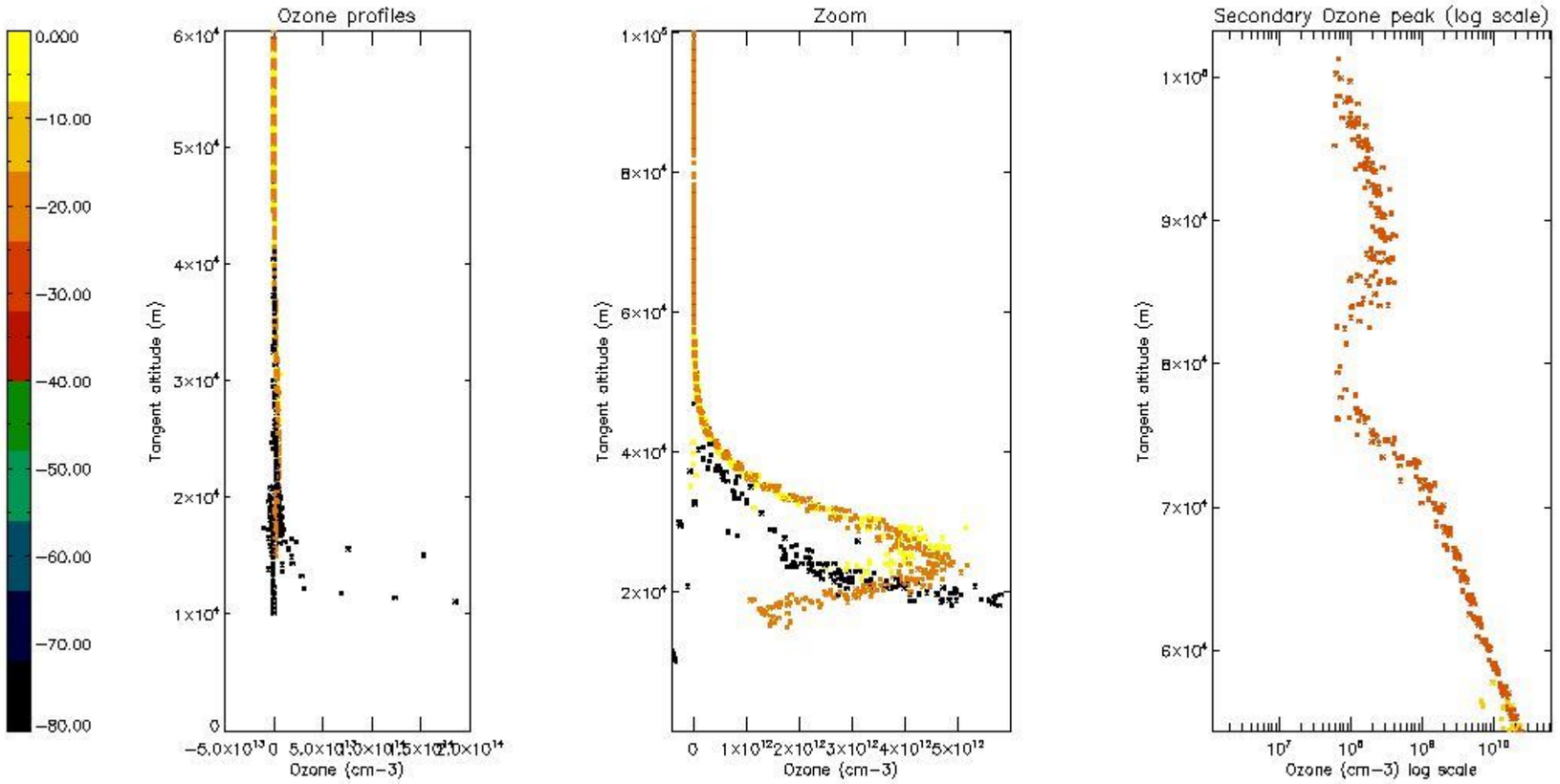
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



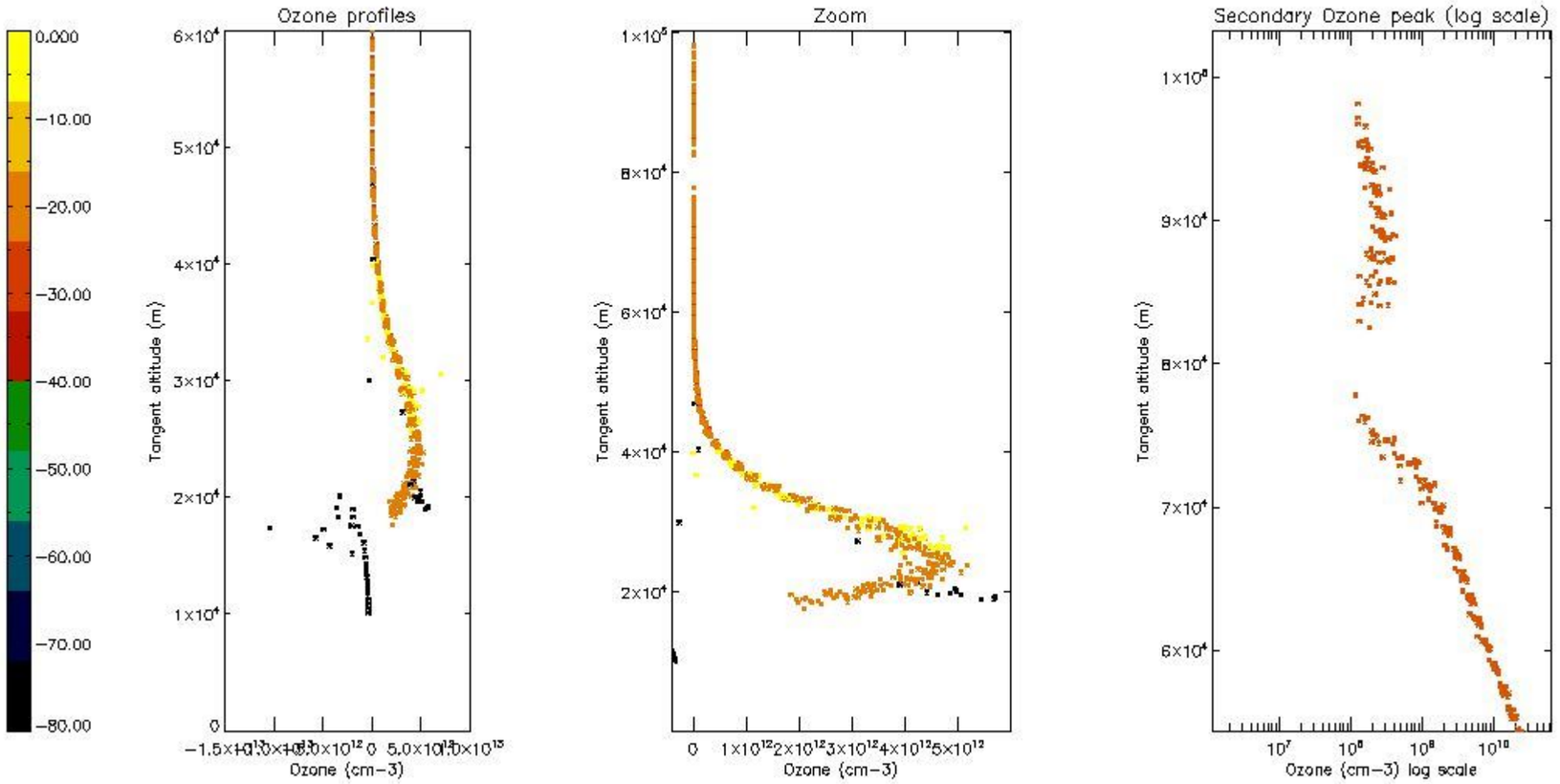
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



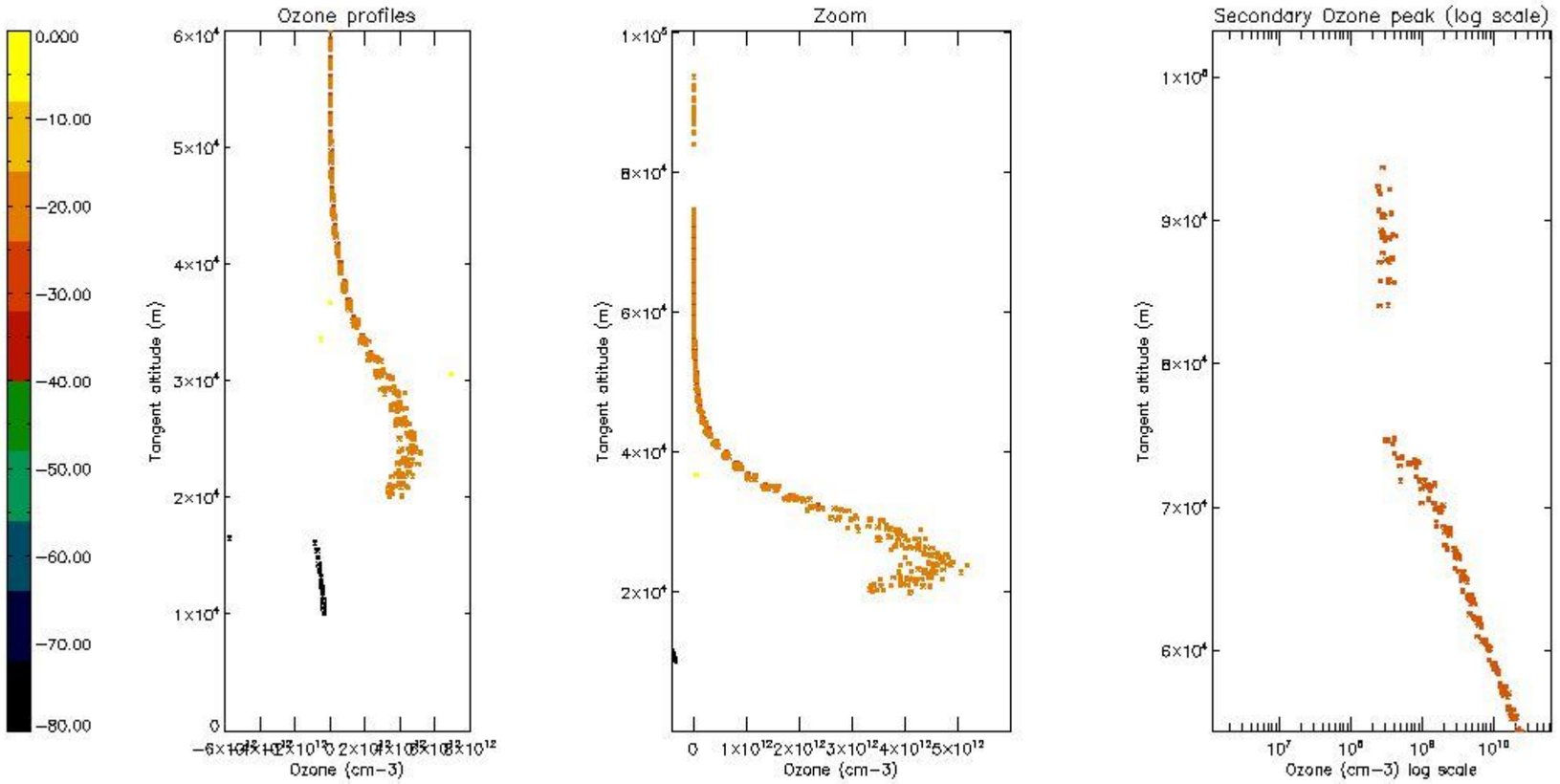
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



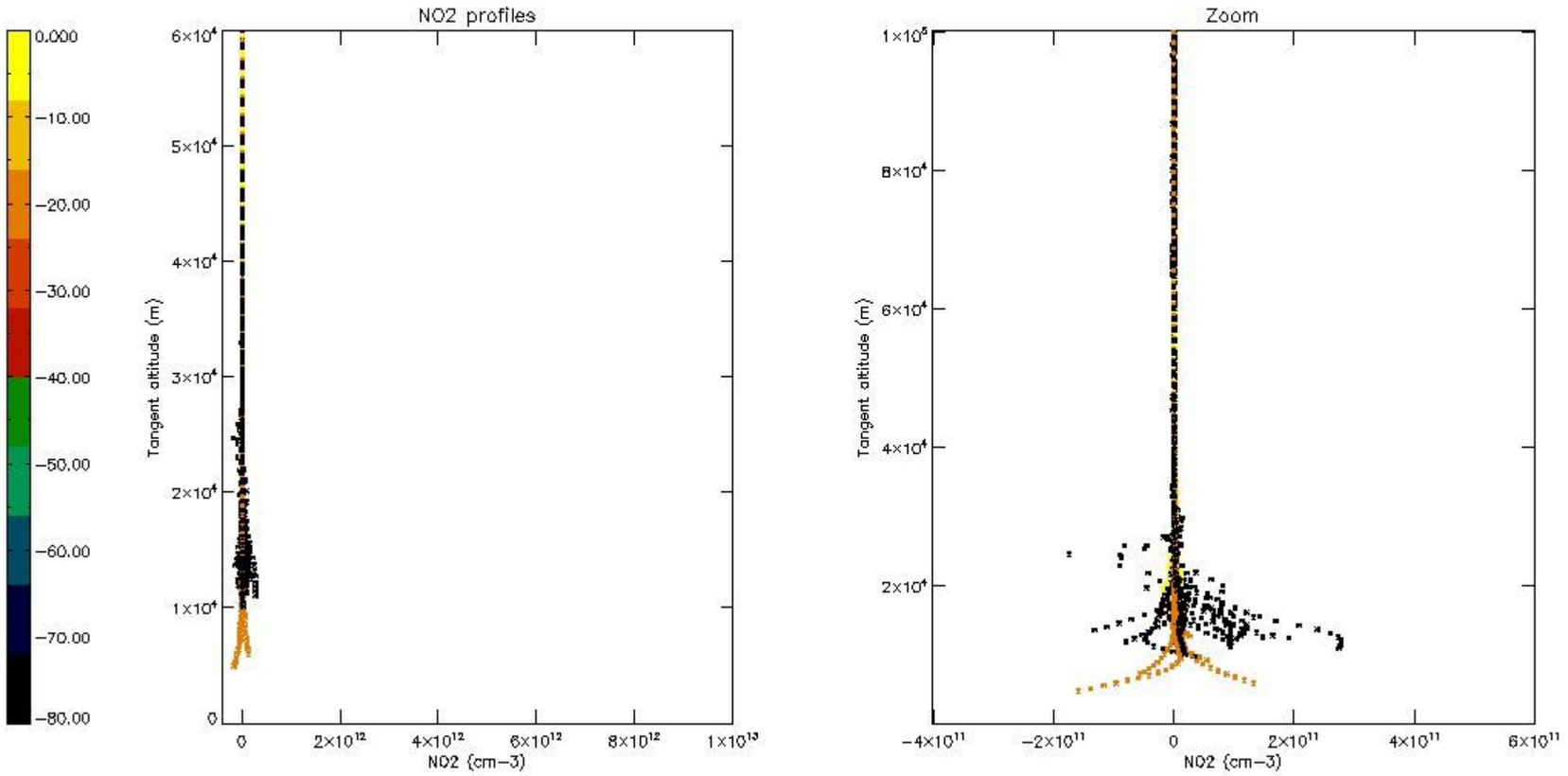
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



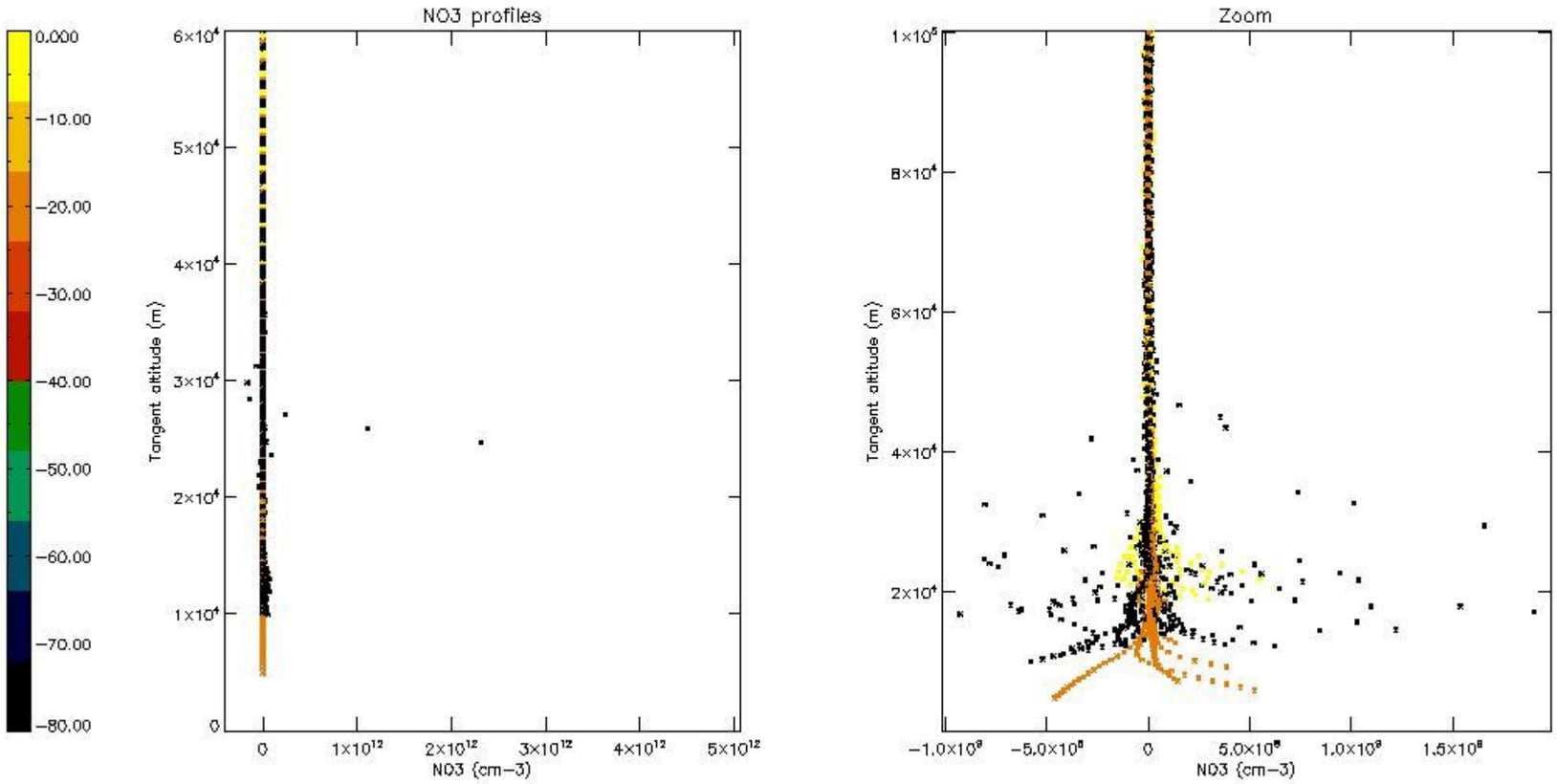
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.7 Plot NO3 profiles for all STD (dark without errors)

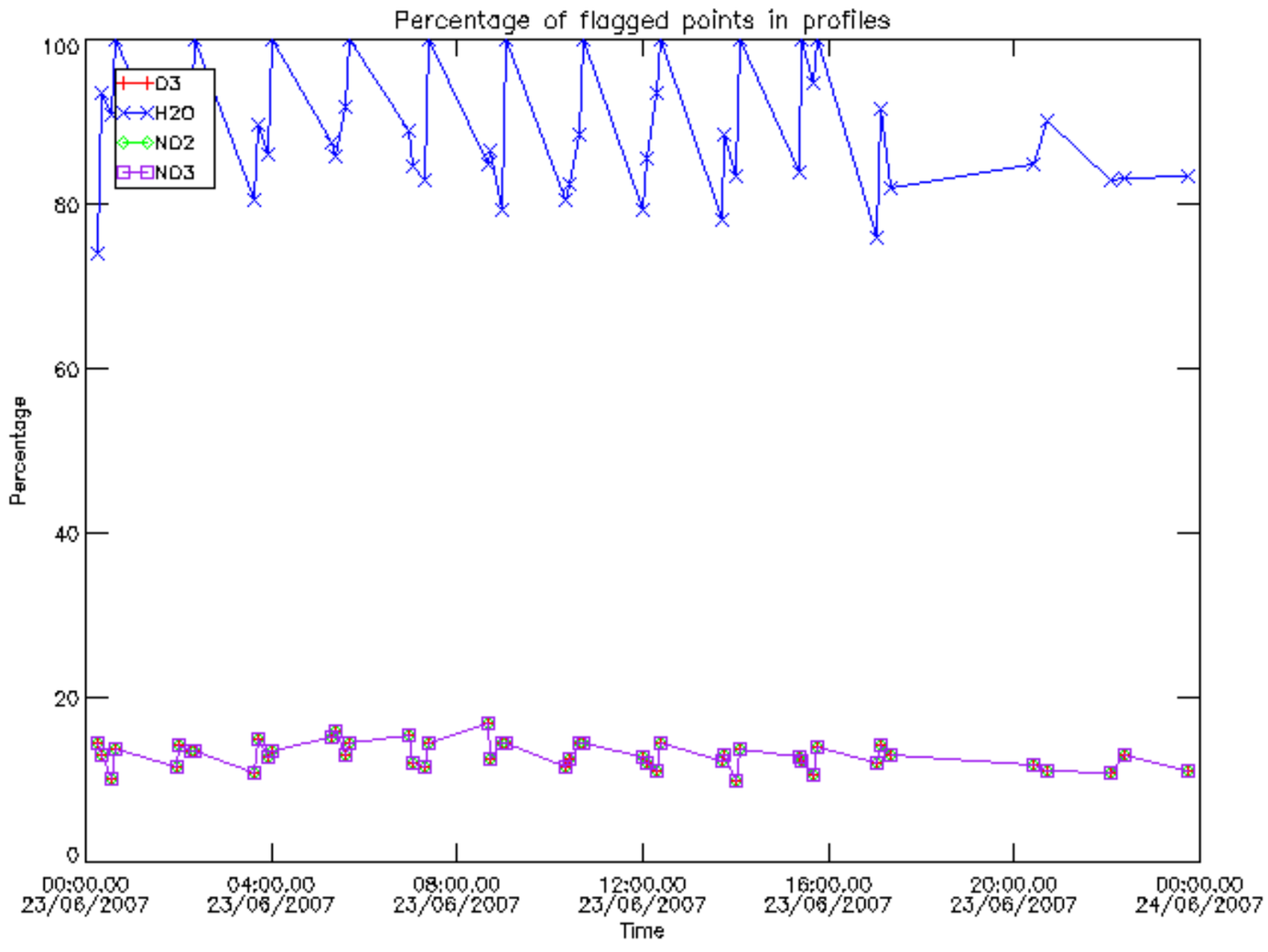
The colorbar represents the latitude.



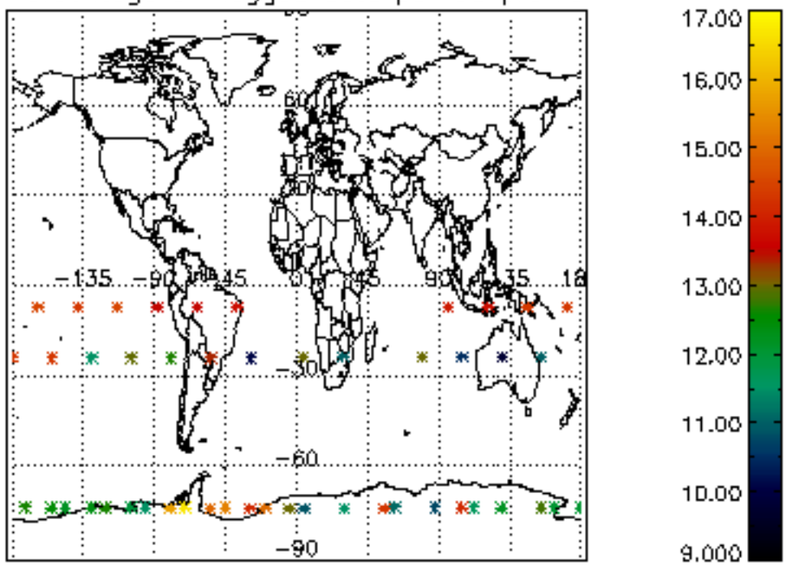
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

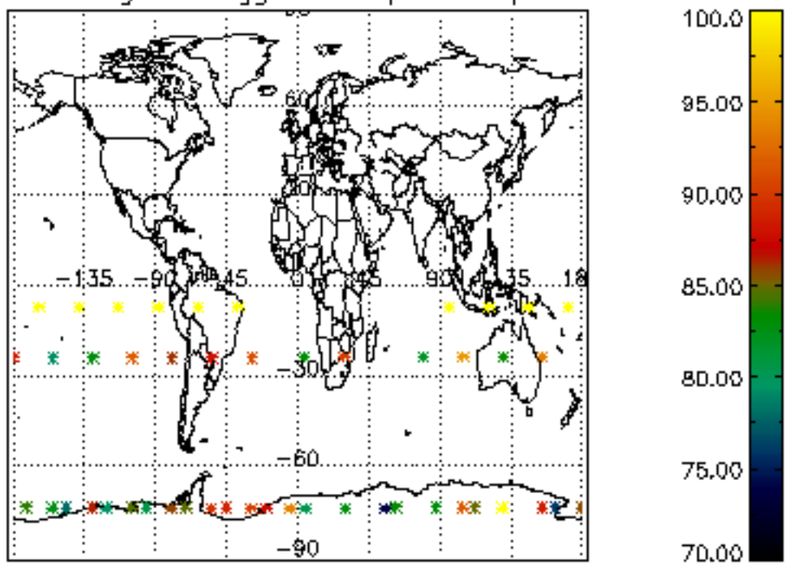
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JUN-2007 00:01:59
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUN-2007 00:01:59
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUN-2007 00:01:59


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
23/06/2007
04:00.00
23/06/2007
08:00.00
23/06/2007
12:00.00
23/06/2007
16:00.00
23/06/2007
20:00.00
23/06/2007
00:00.00
24/06/2007
Time

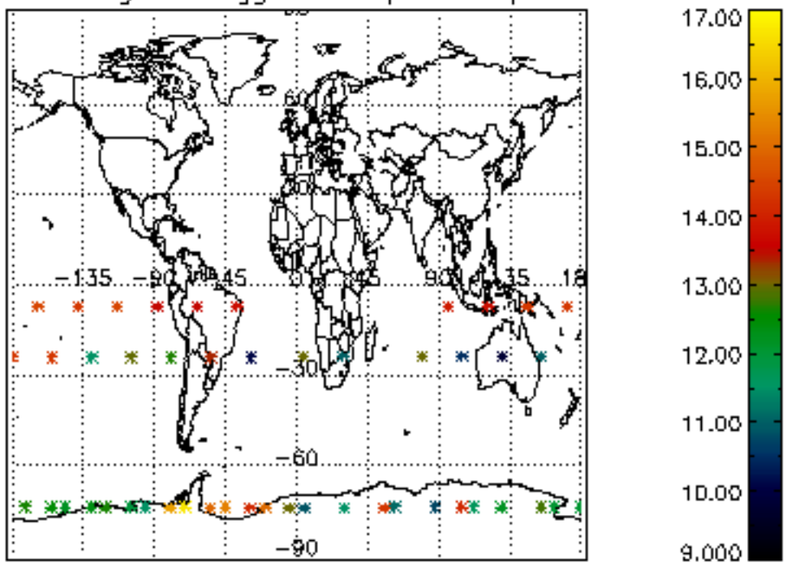
Percentage of flagged data per O3 profile



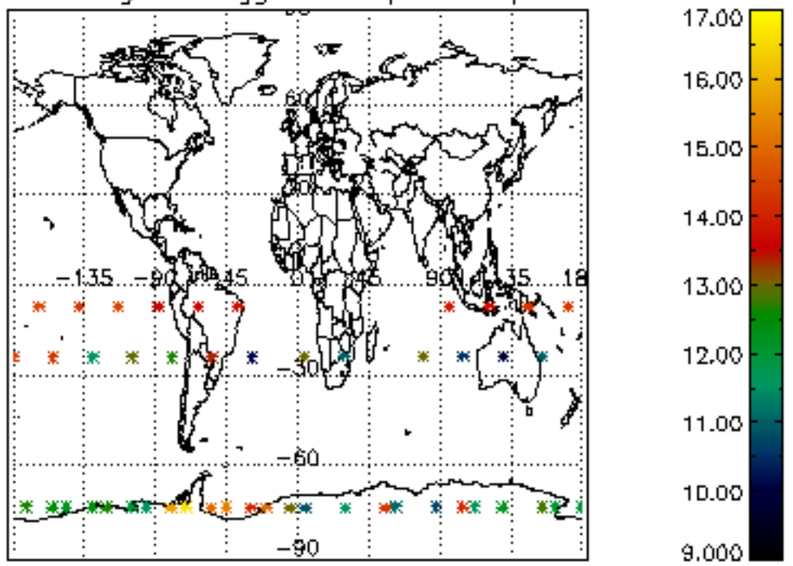
Percentage of flagged data per H2O profile

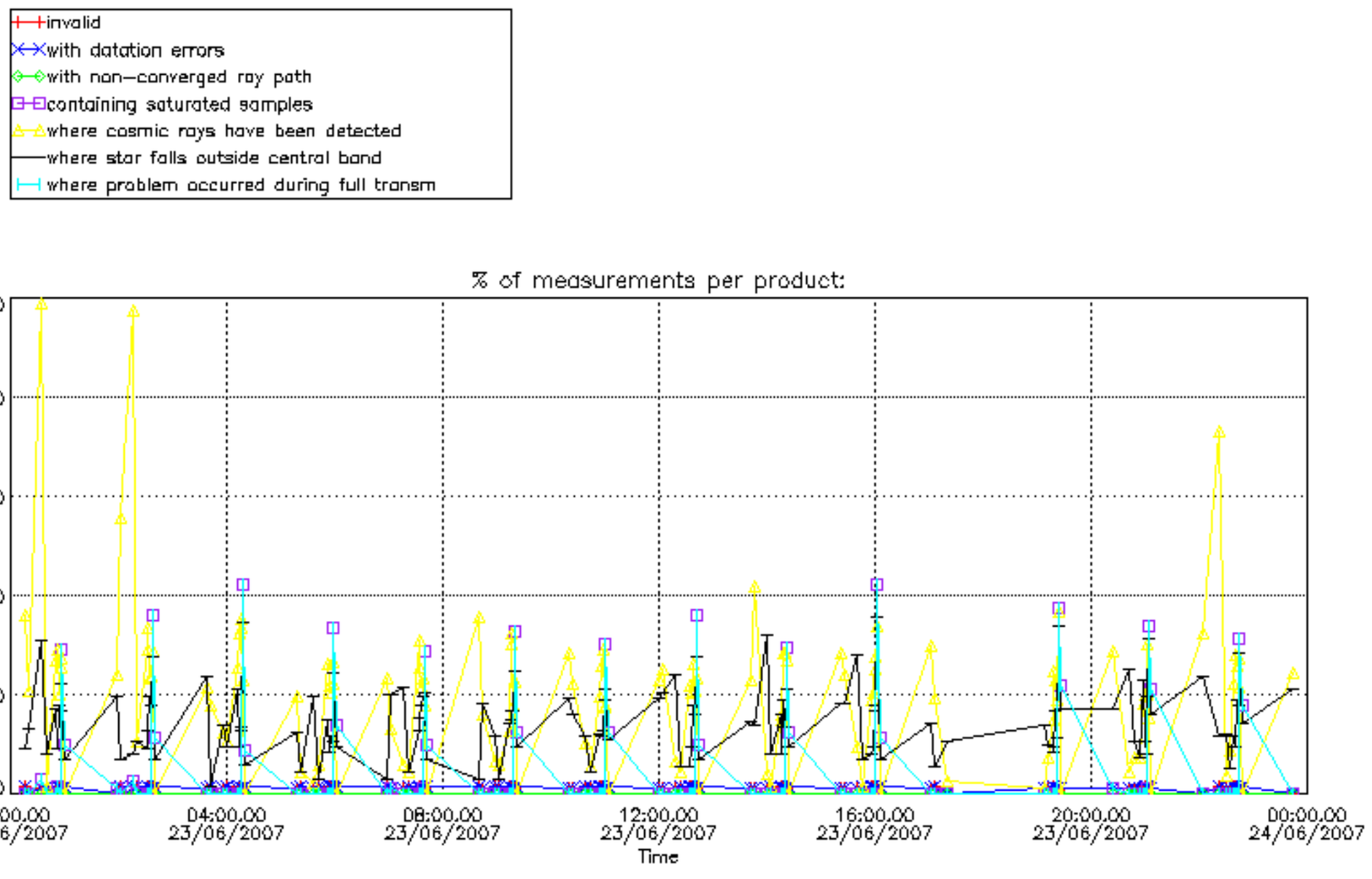


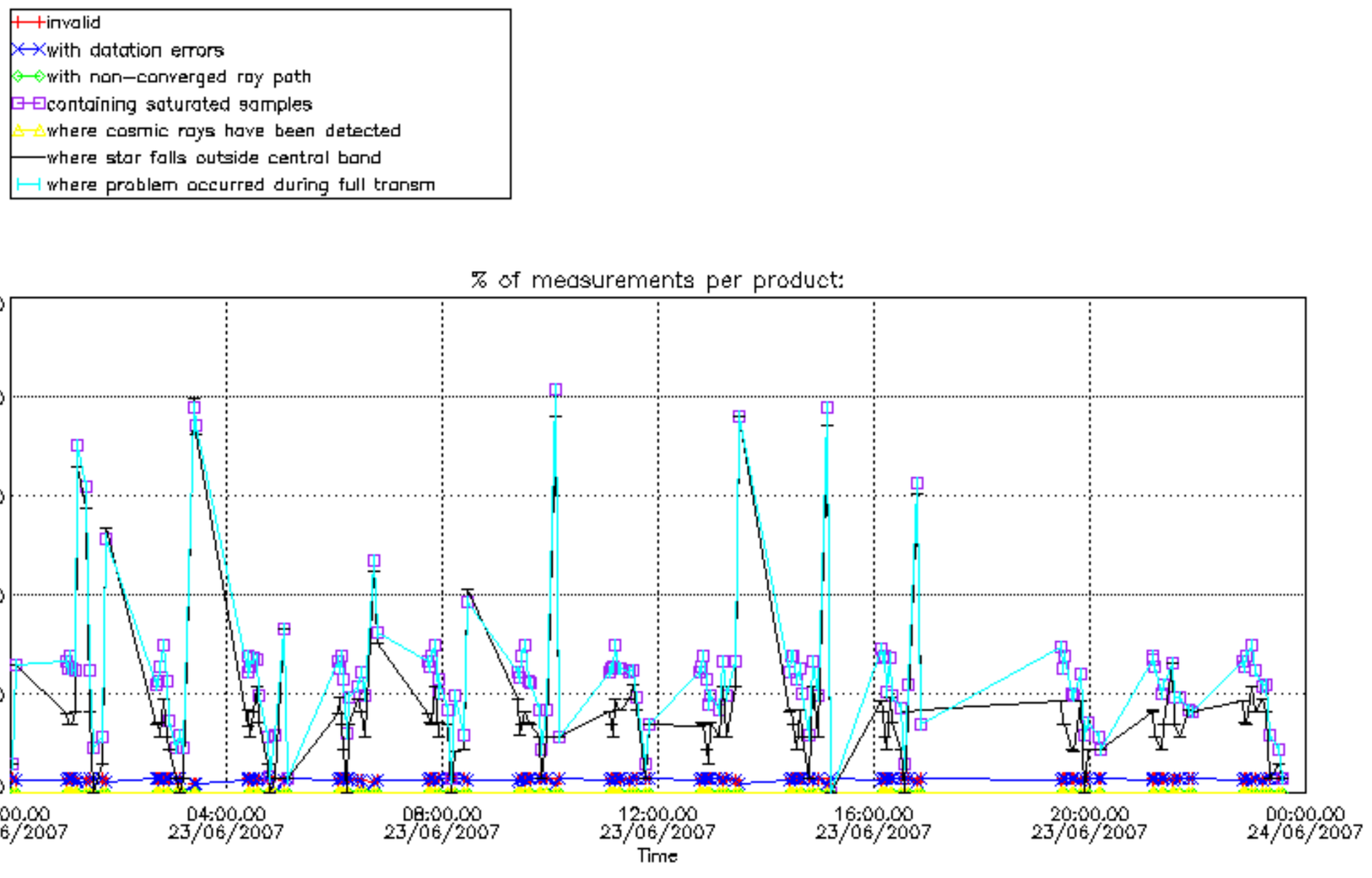
Percentage of flagged data per NO2 profile



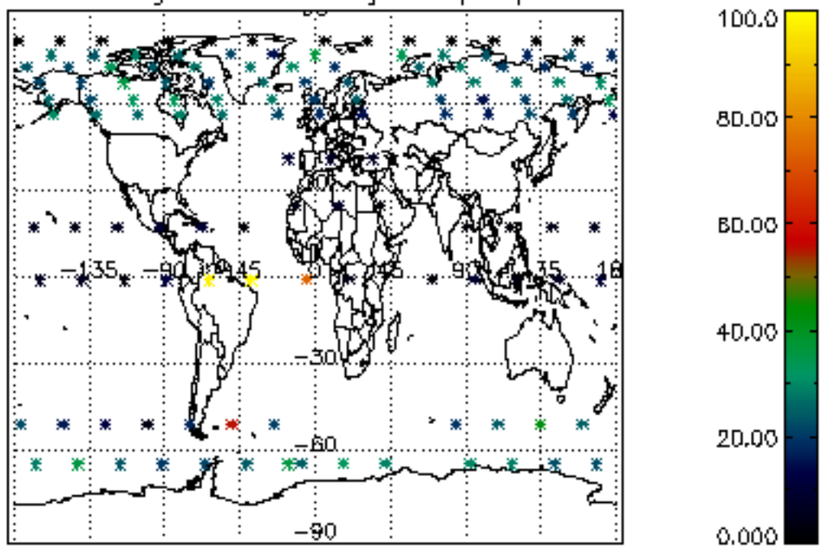
Percentage of flagged data per NO3 profile



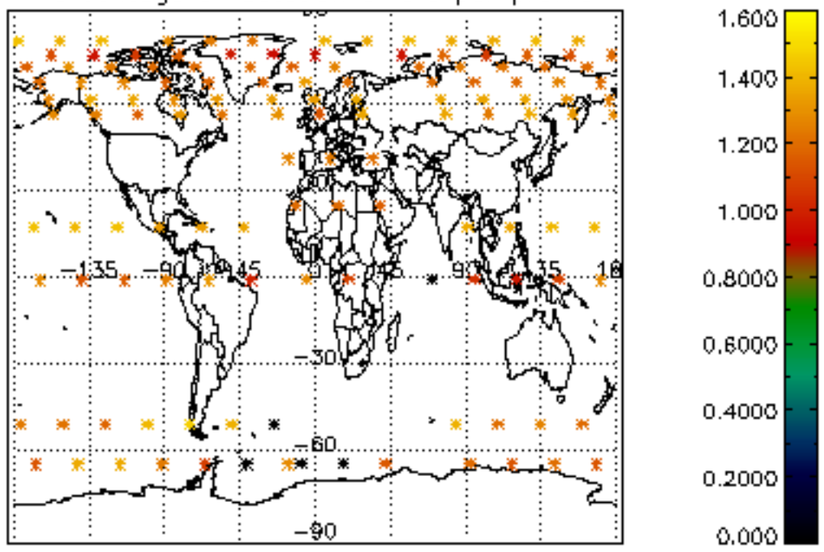

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 23/06/2007
04:00.00 23/06/2007
08:00.00 23/06/2007
12:00.00 23/06/2007
16:00.00 23/06/2007
20:00.00 23/06/2007
00:00.00 24/06/2007
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
50
40
30
20
10
0
value (%)
00:00.00
23/06/2007
04:00.00
23/06/2007
08:00.00
23/06/2007
12:00.00
23/06/2007
16:00.00
23/06/2007
20:00.00
23/06/2007
00:00.00
24/06/2007
Time

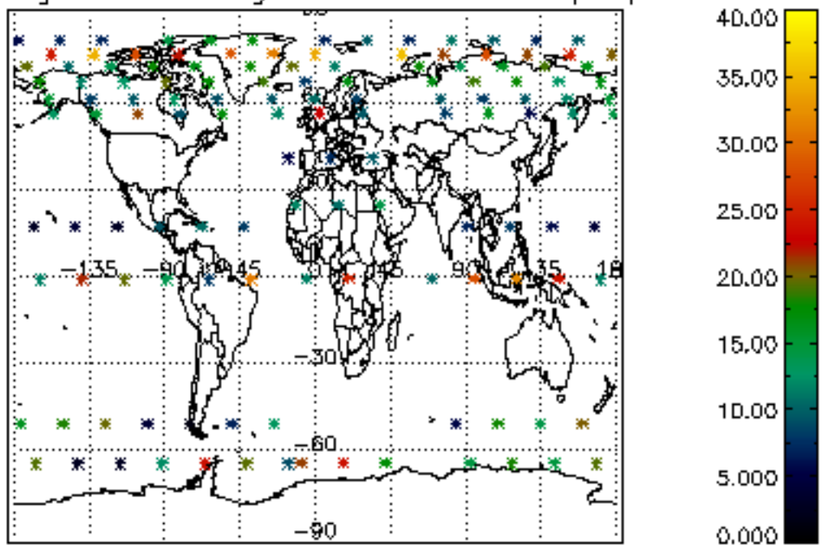
Percentage of cosmic ray hits per profile



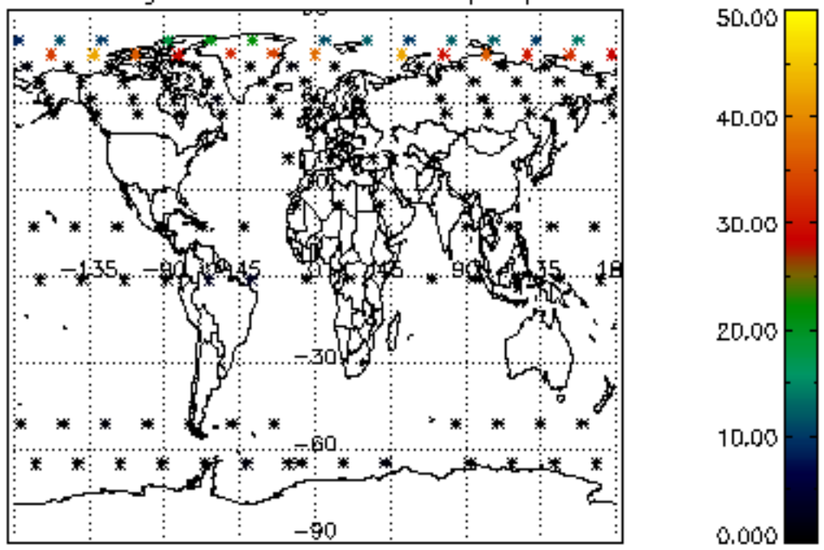
Percentage of datation errors per profile

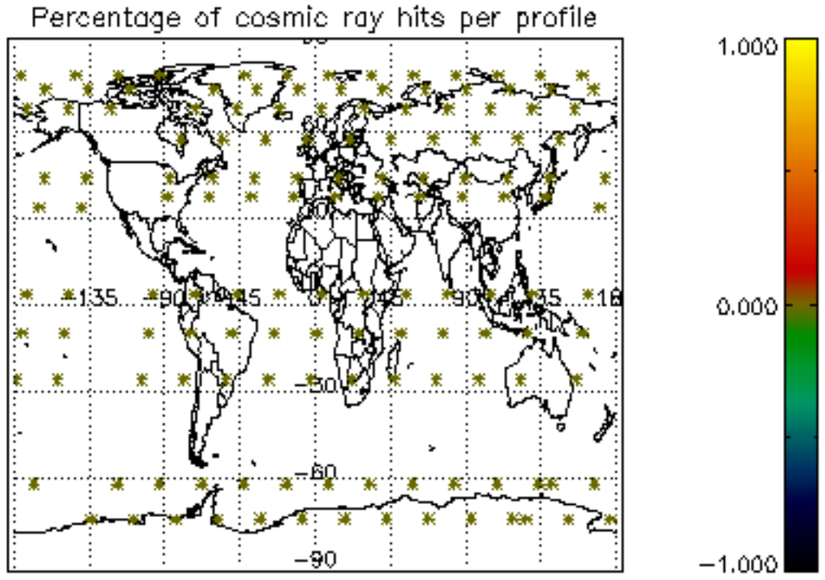


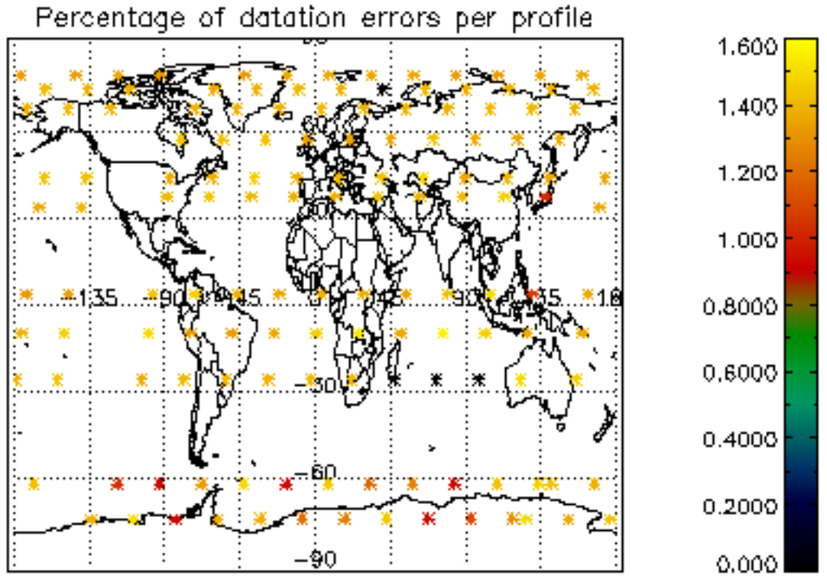
Percentage of star falling outside central band per profile

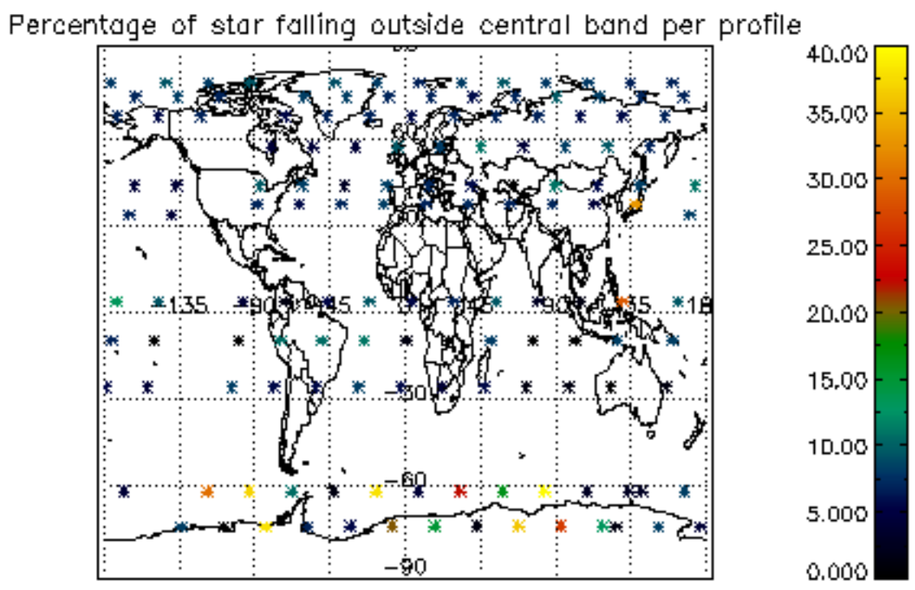


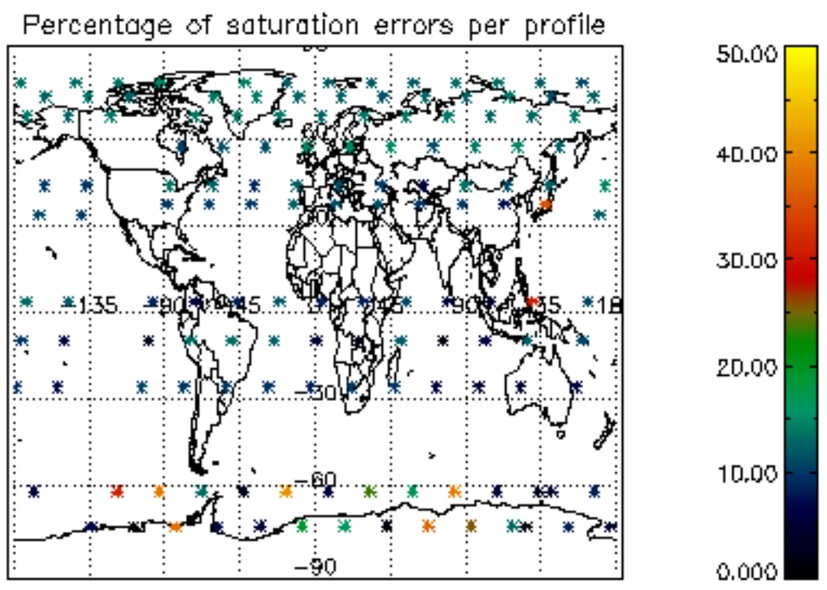
Percentage of saturation errors per profile

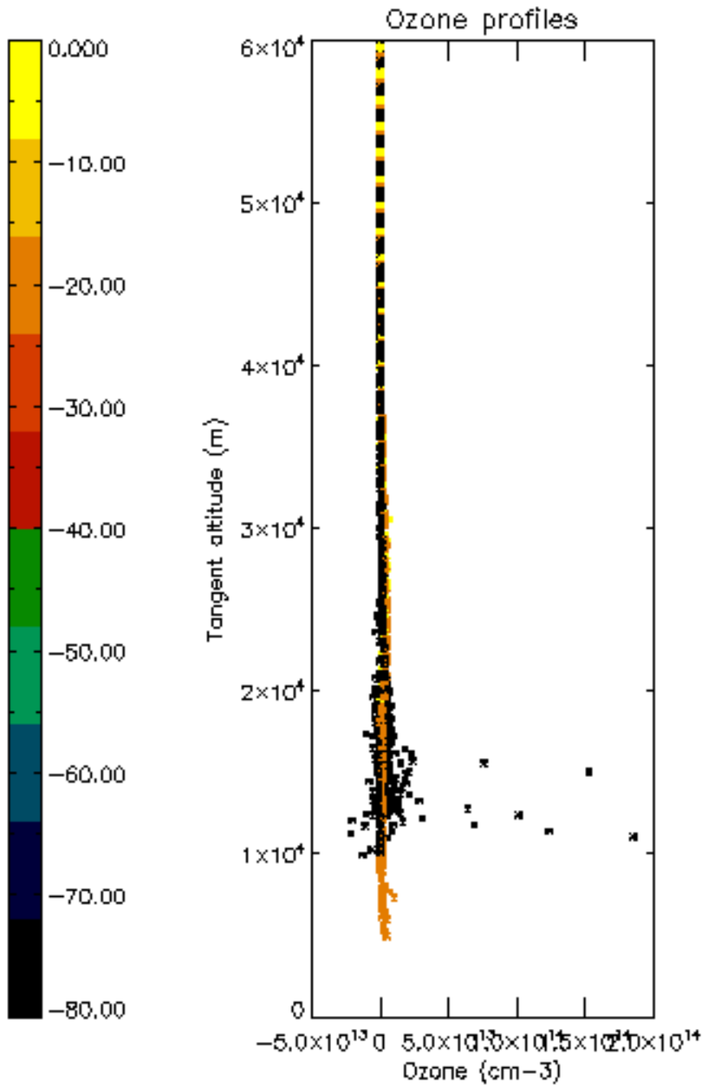


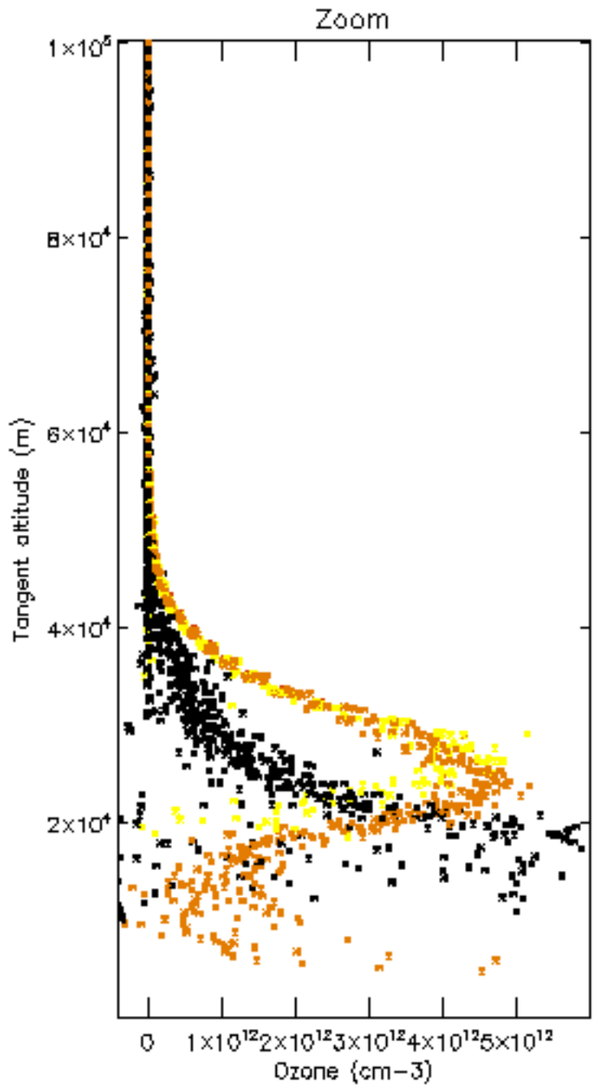

Percentage of cosmic ray hits per profile
1.000
0.000
−1.000
−90
−60
−30
135
90
45
0
45
90
135
180

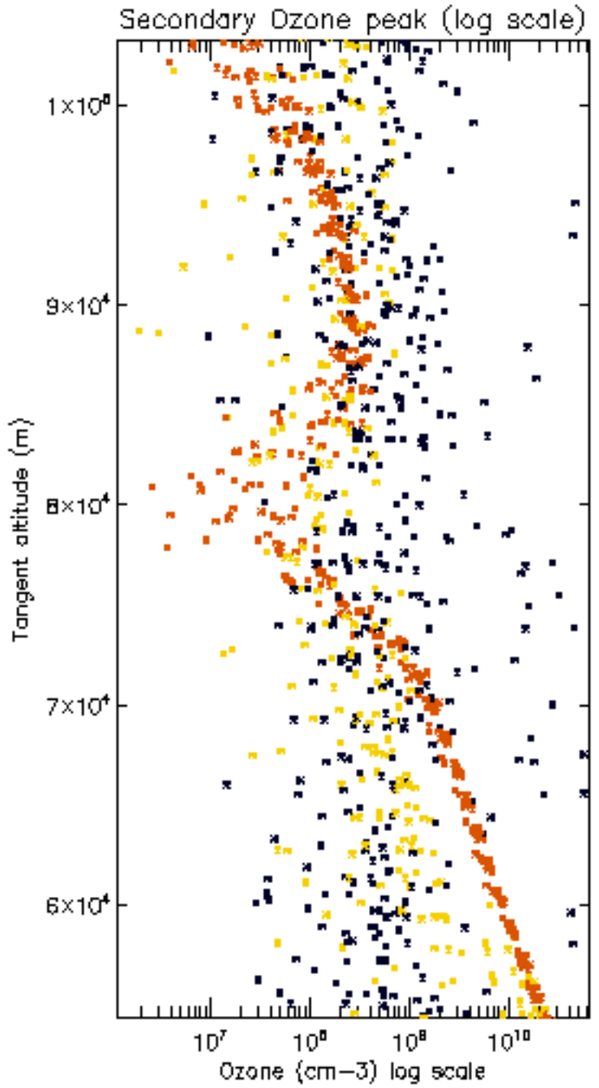

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−90
−60
−30
135
90
45
0
45
90
135
180

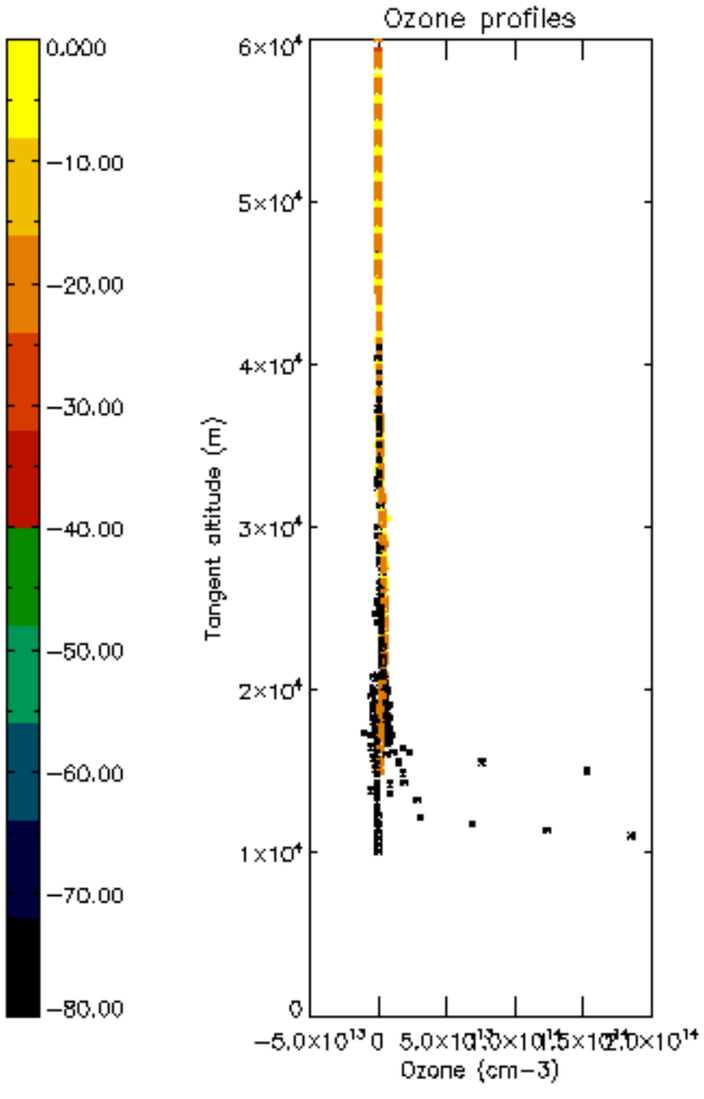

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−90
−60
−30
135
90
45
0
45
90
135
180

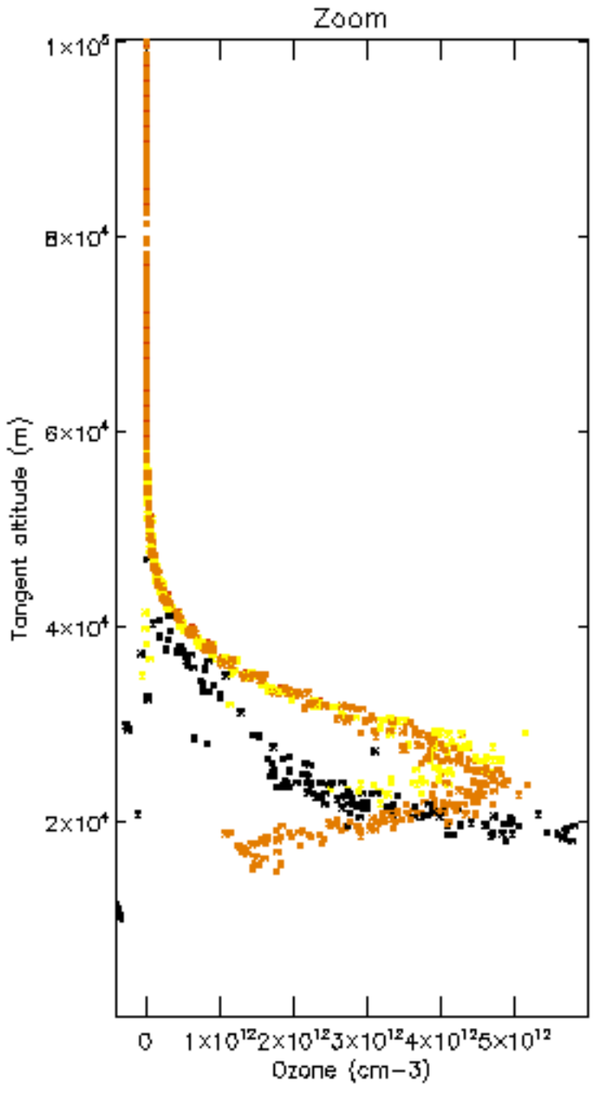

Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−90
−60
−30
135
90
45
0
45
90
135
180

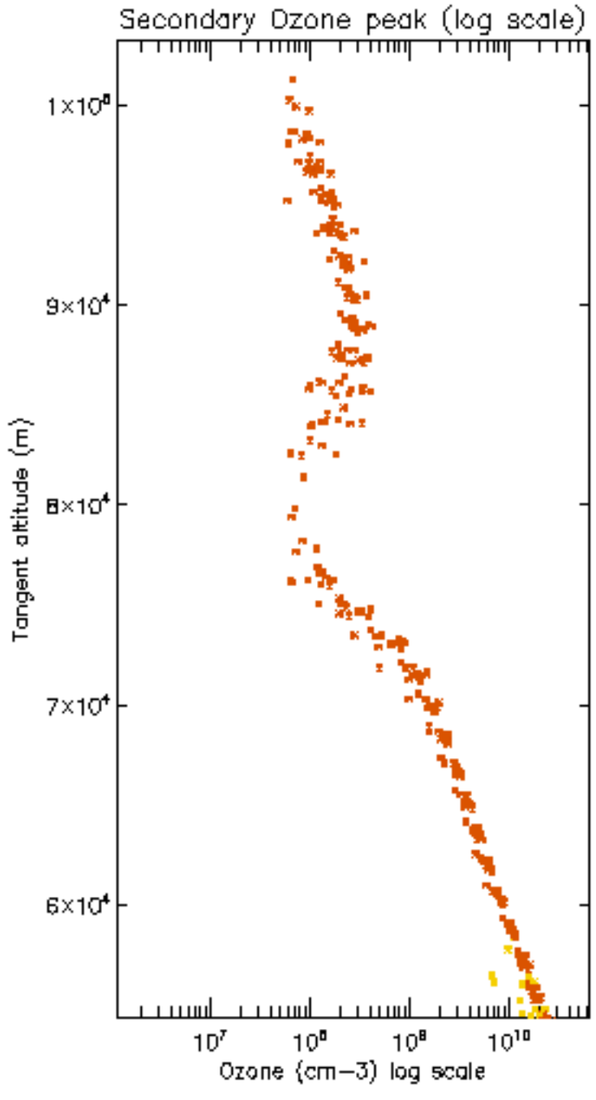

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−5.0×10¹³ 0
Ozone (cm−3)

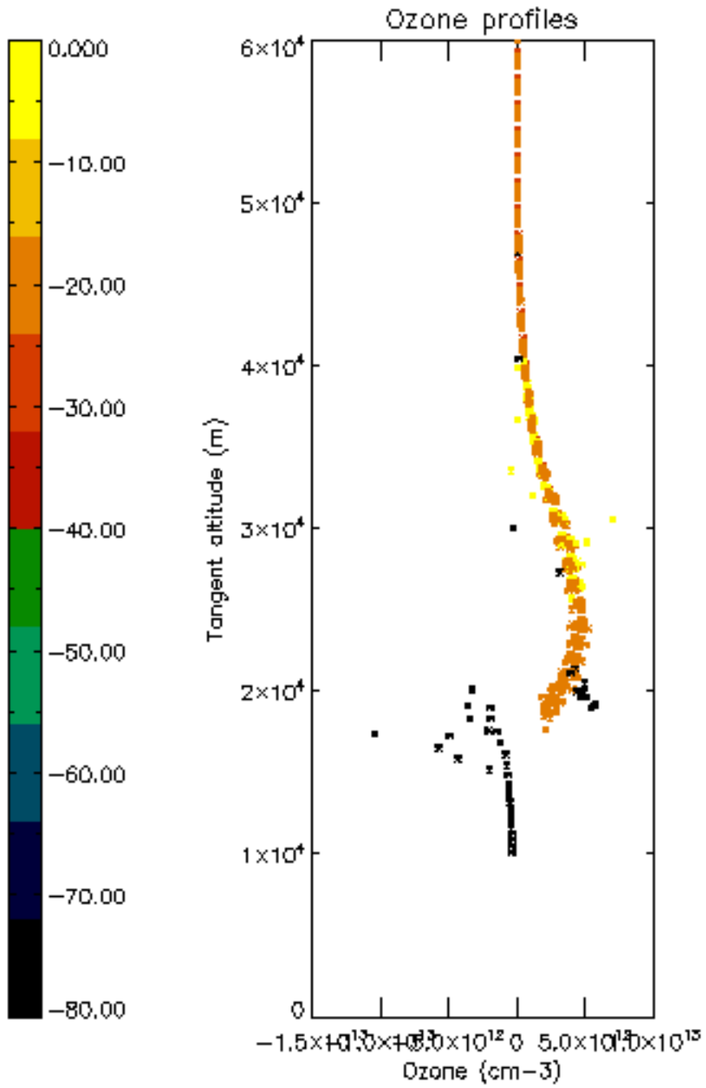

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁸
10¹⁰
Ozone (cm−3) log scale

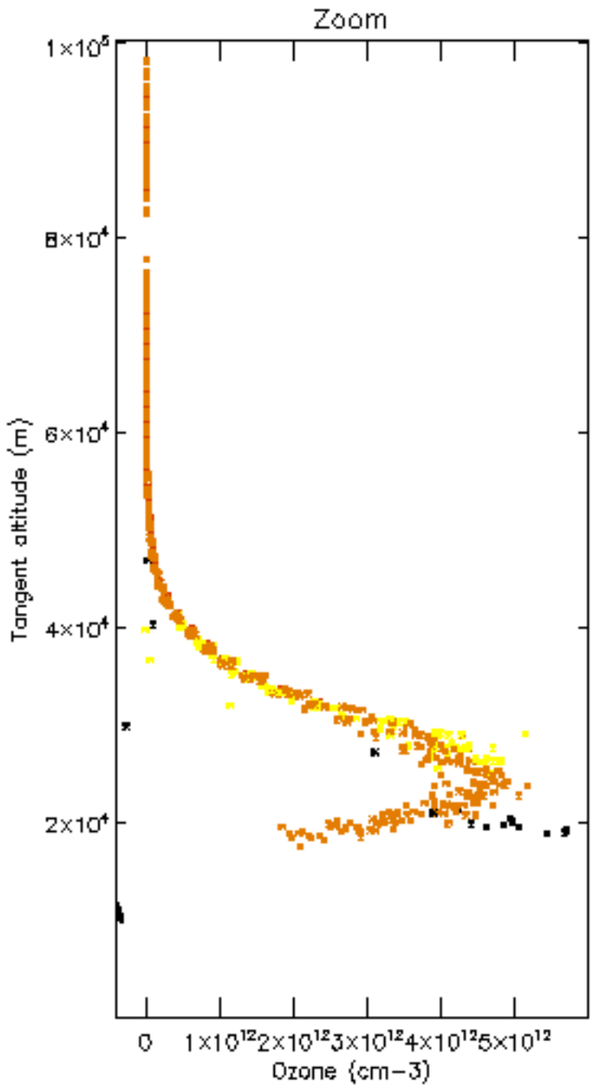

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−5.0×10¹³ 0
Ozone (cm−3)

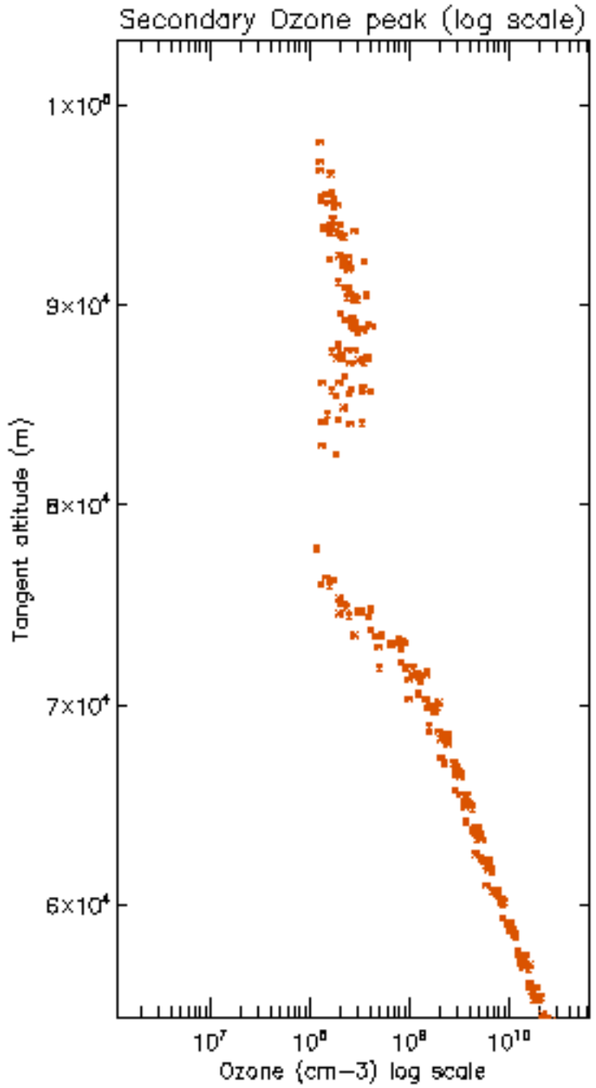

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)

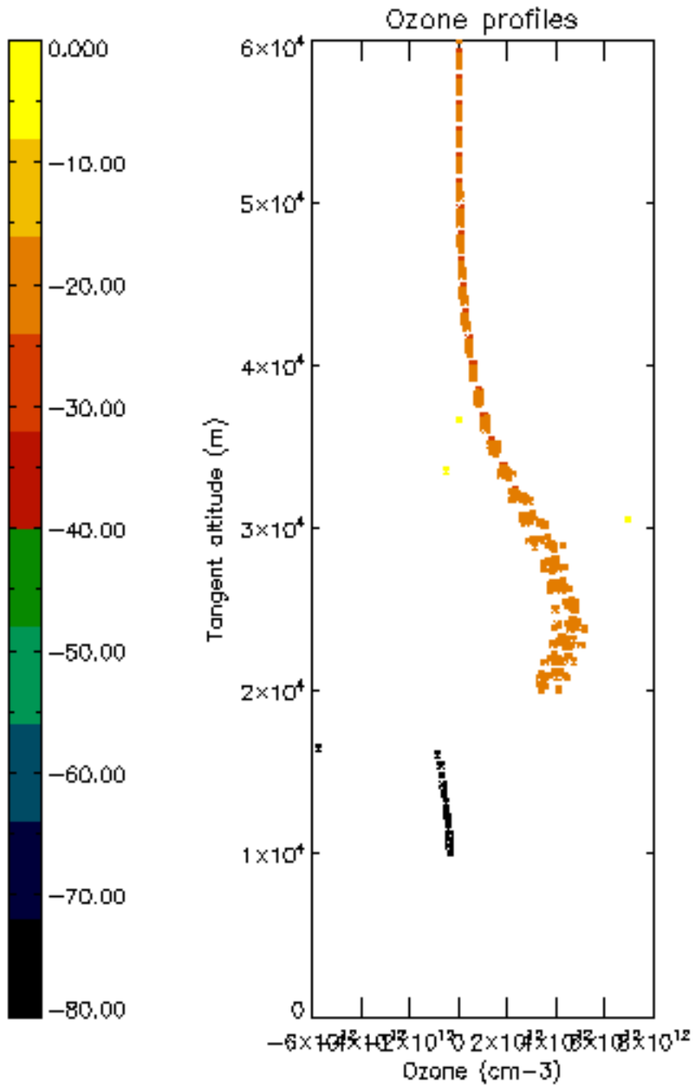

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00

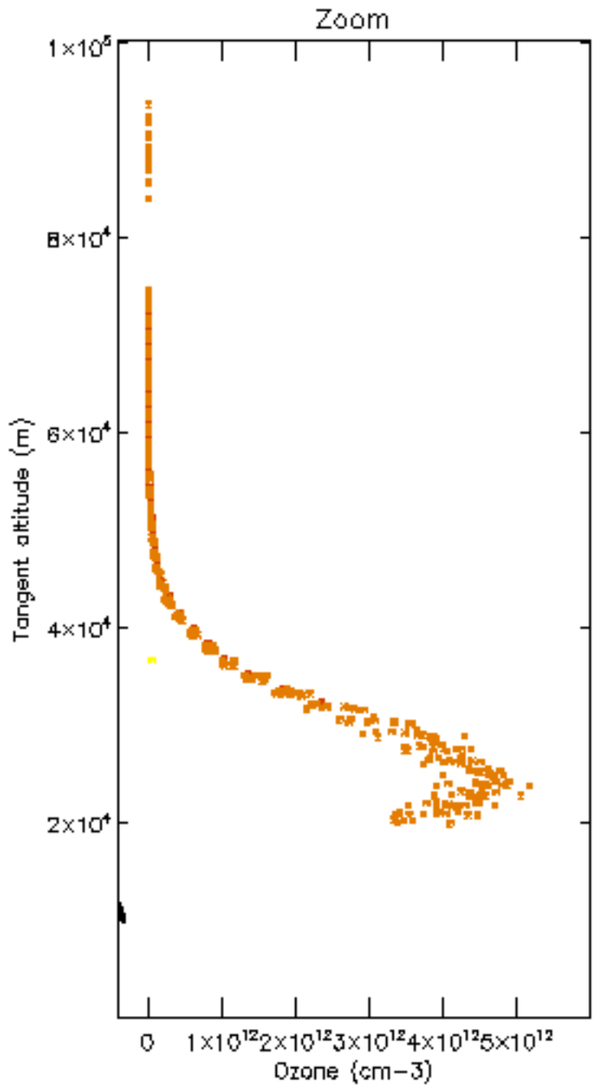
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−1.5×10¹²
−1.0×10¹²
−5.0×10¹¹
0
5.0×10¹¹
1.0×10¹³
Ozone (cm−3)

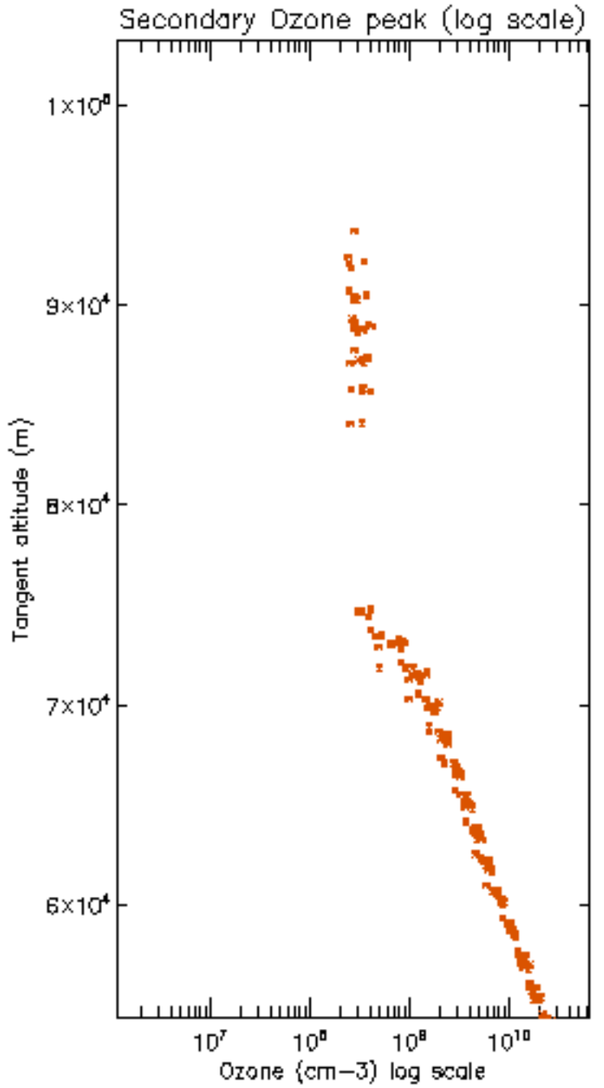

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

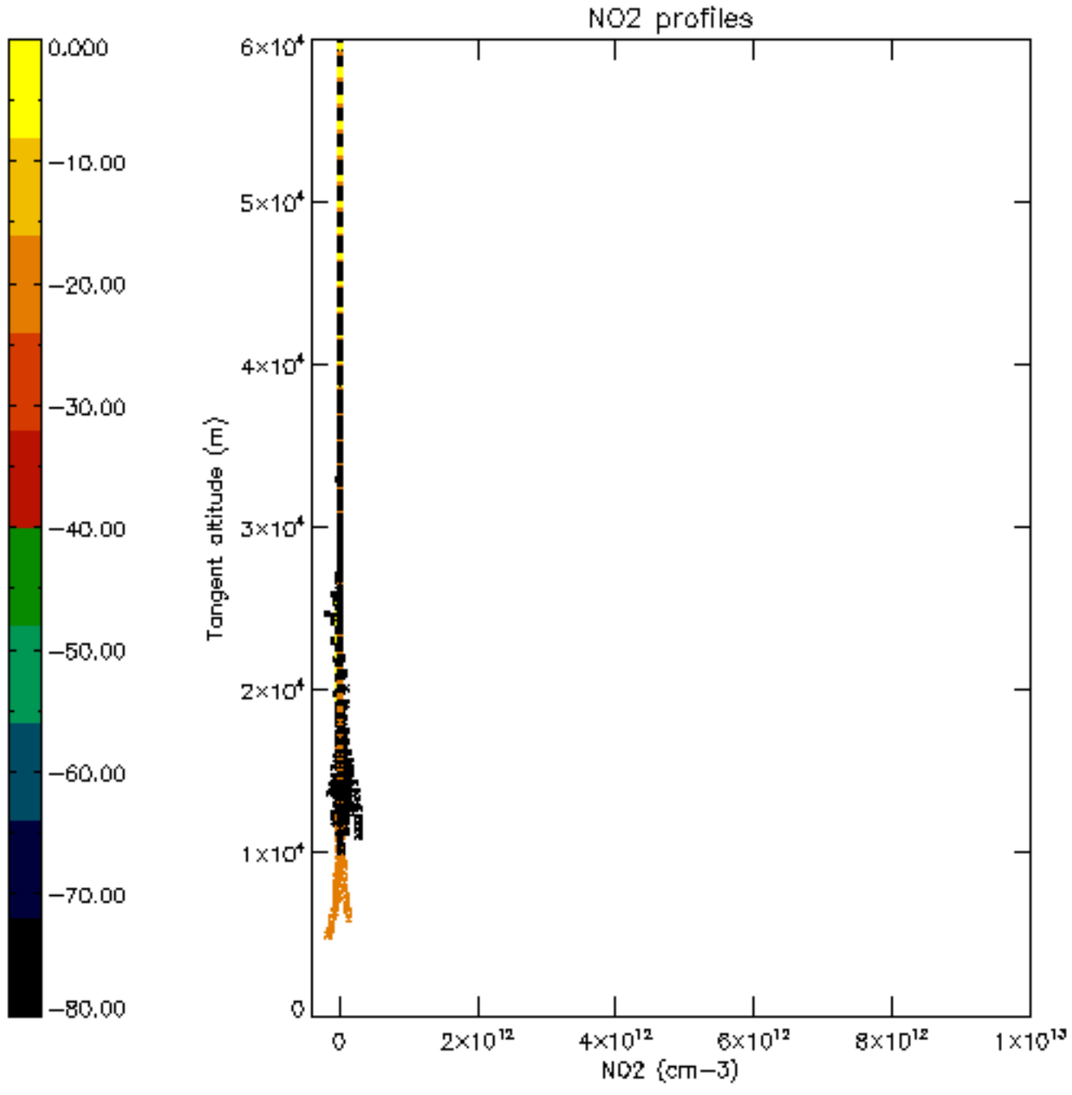

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

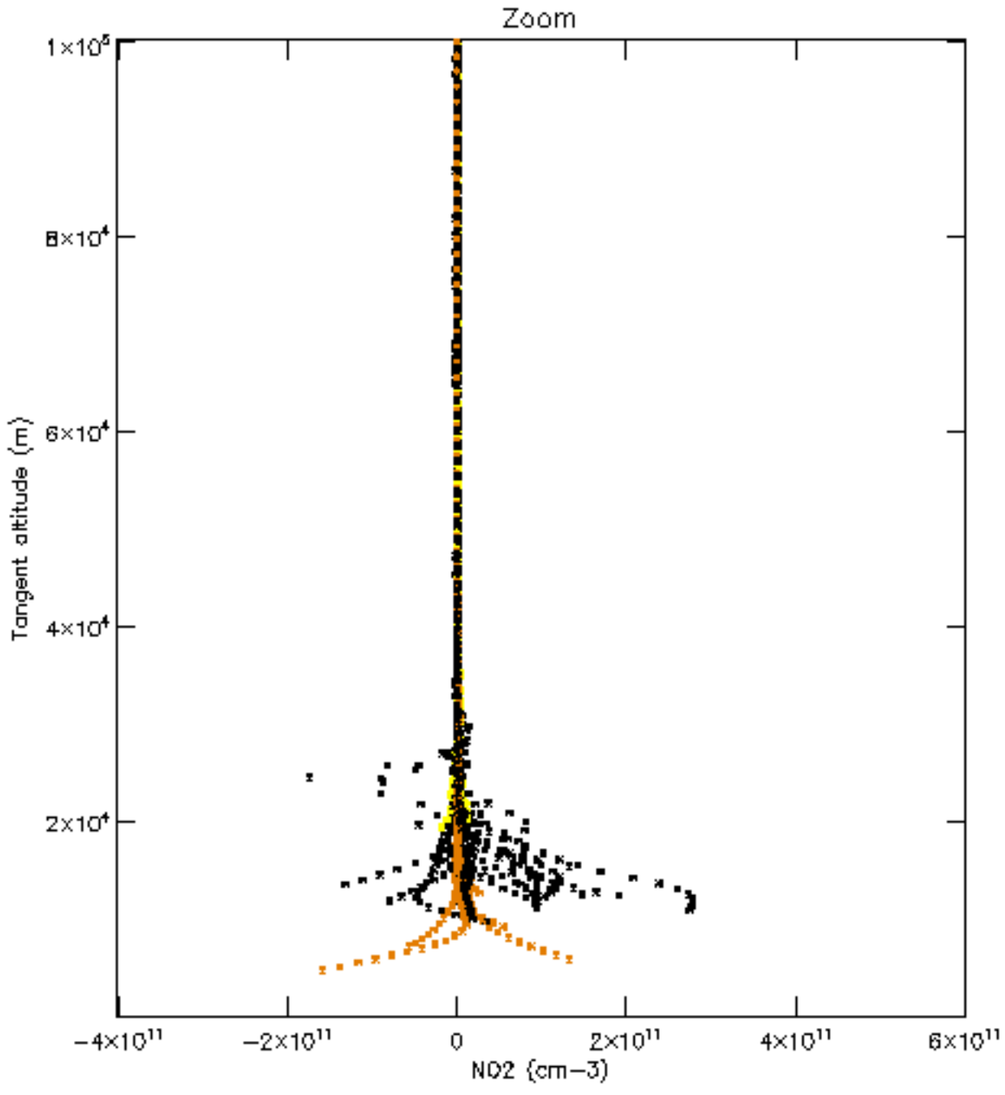

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00

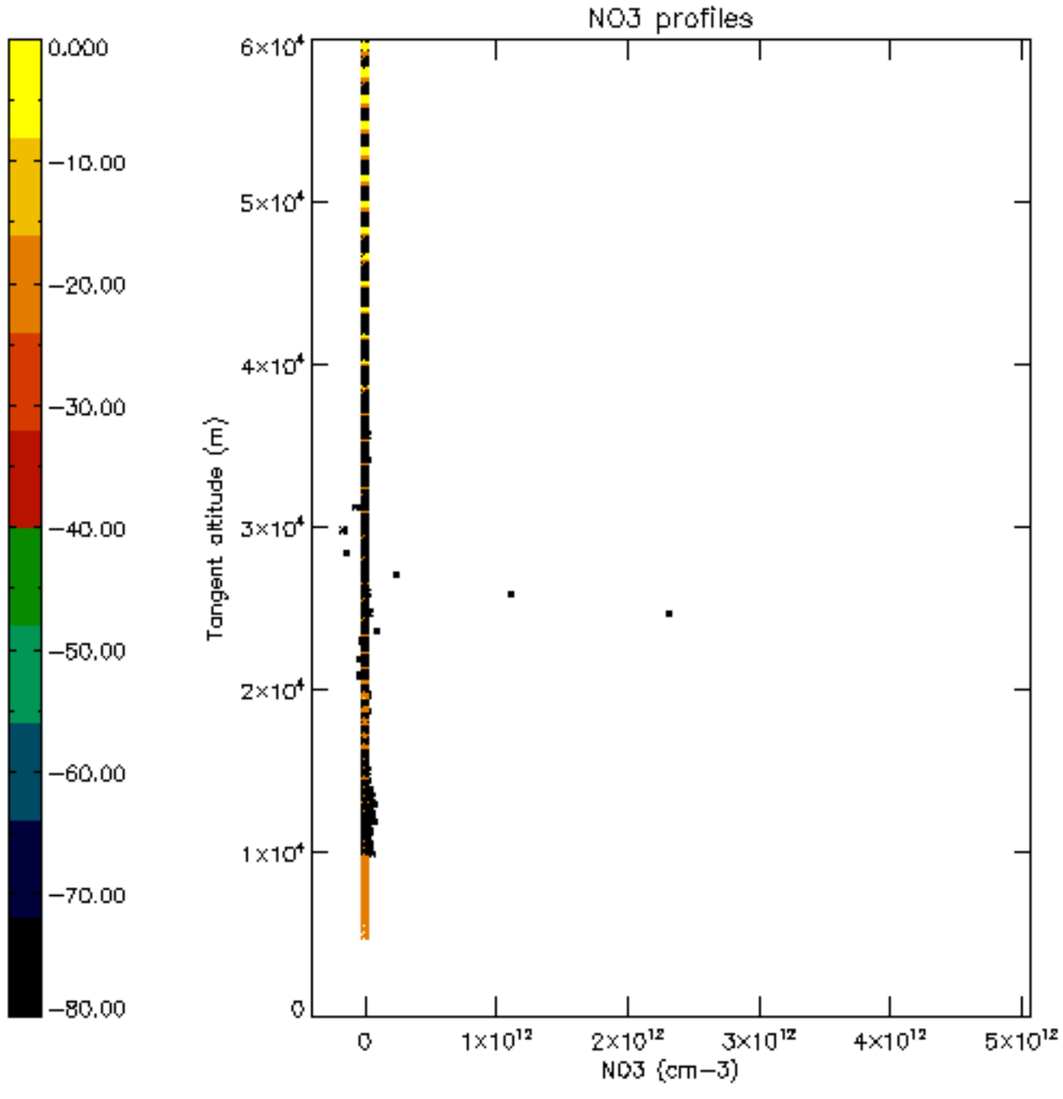
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

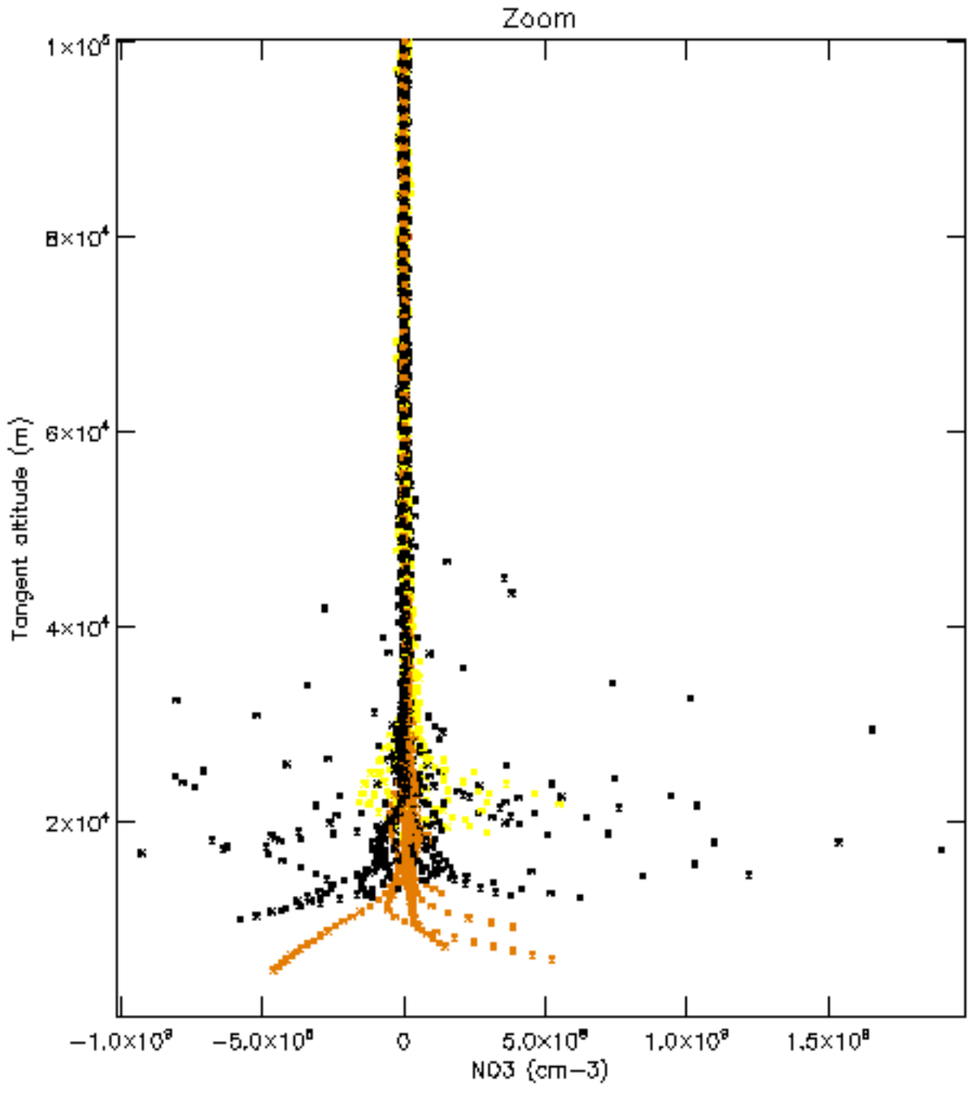

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)

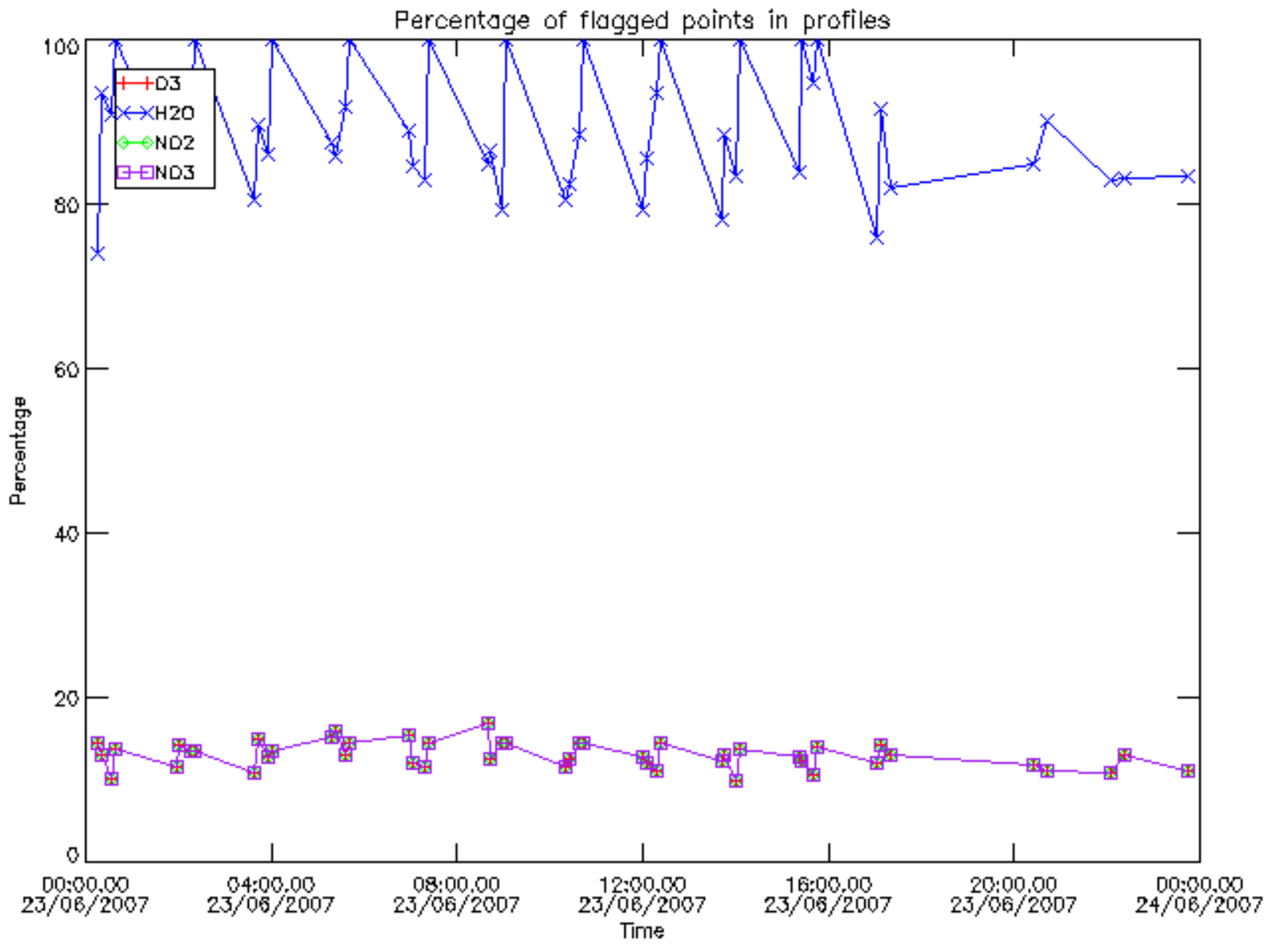

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

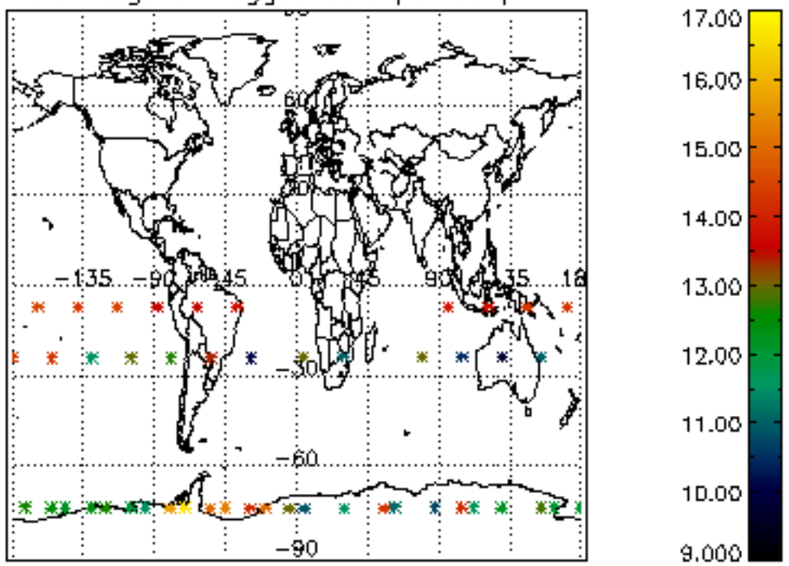

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

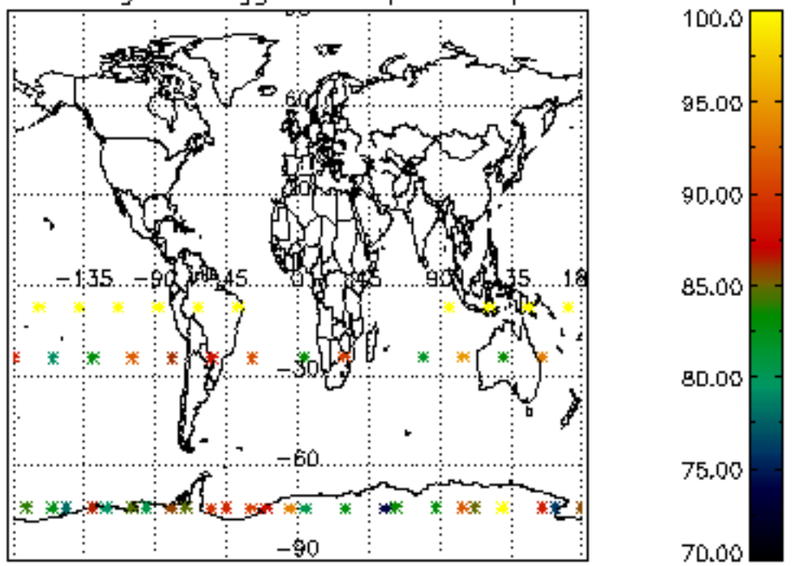

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
23/06/2007
04:00.00
23/06/2007
08:00.00
23/06/2007
12:00.00
23/06/2007
16:00.00
23/06/2007
20:00.00
23/06/2007
00:00.00
24/06/2007
Time

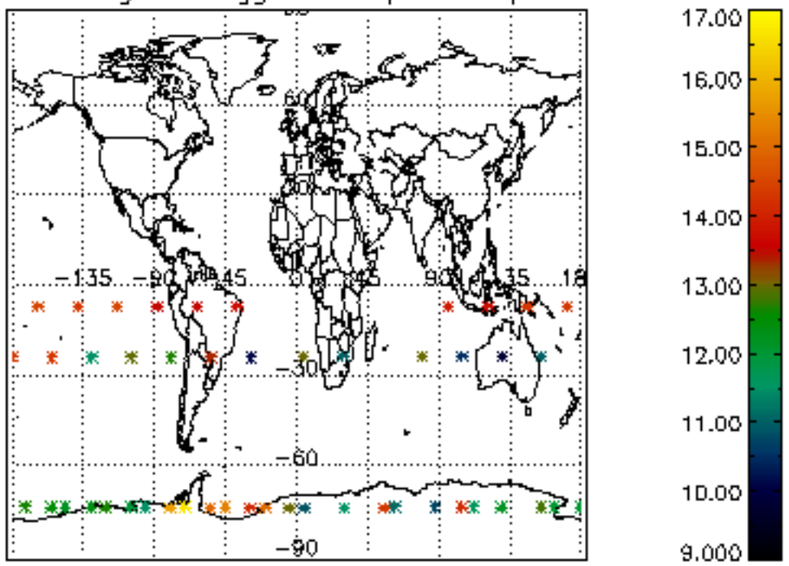
Percentage of flagged data per O3 profile



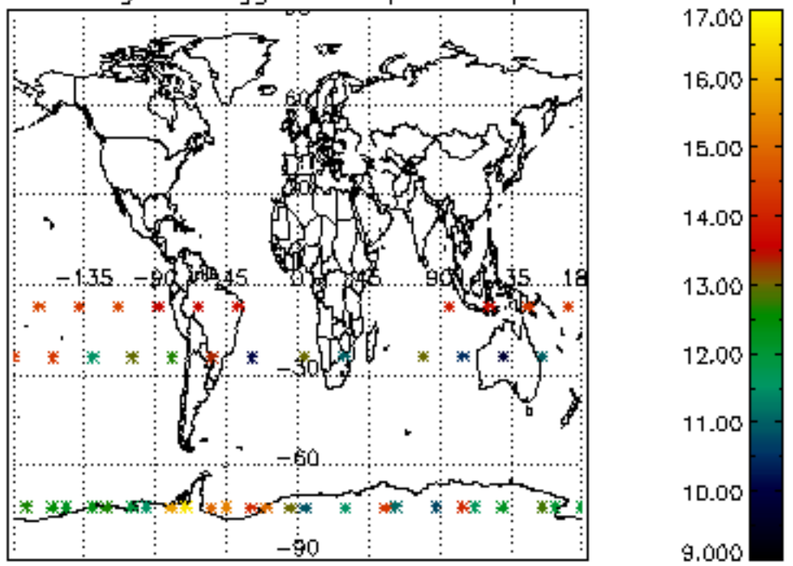
Percentage of flagged data per H2O profile

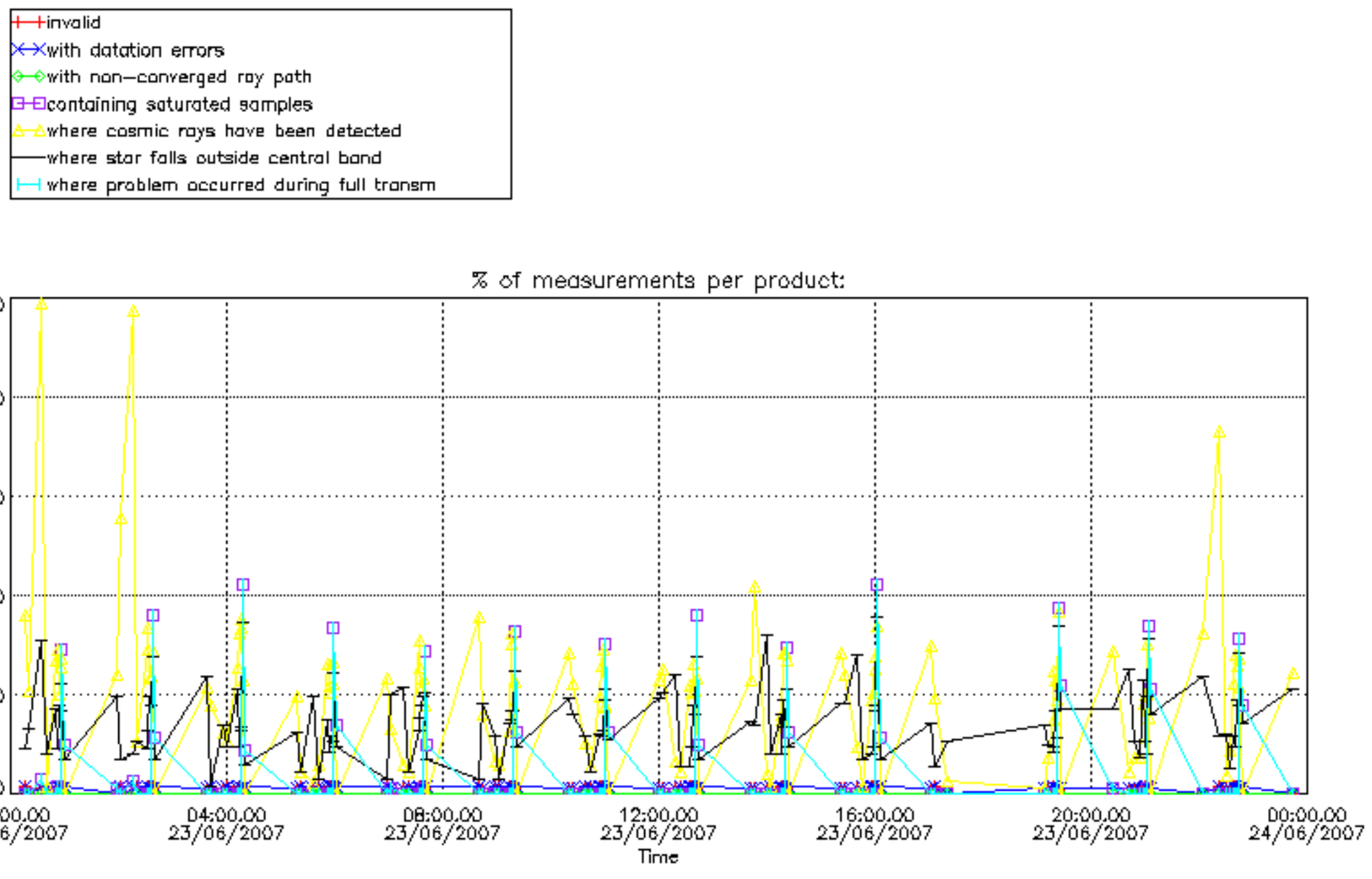


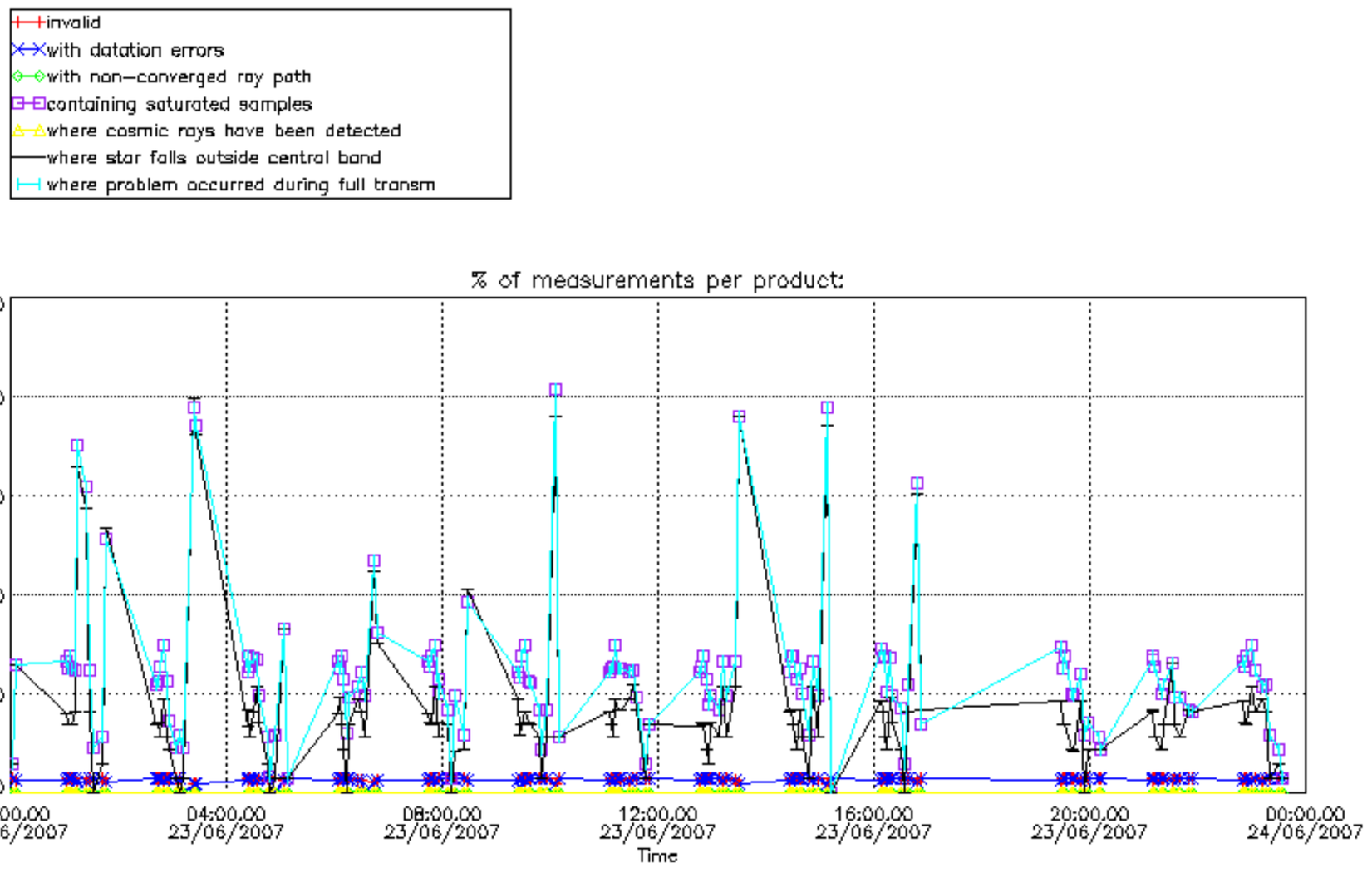
Percentage of flagged data per NO2 profile



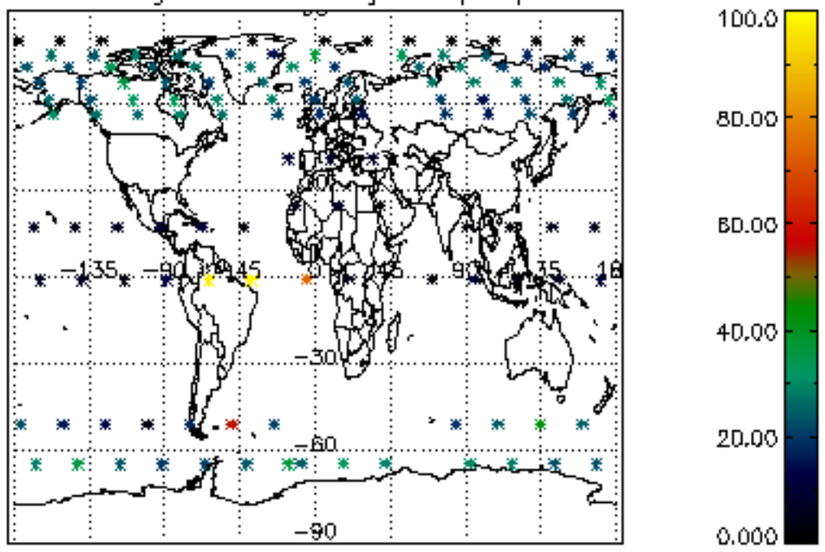
Percentage of flagged data per NO3 profile



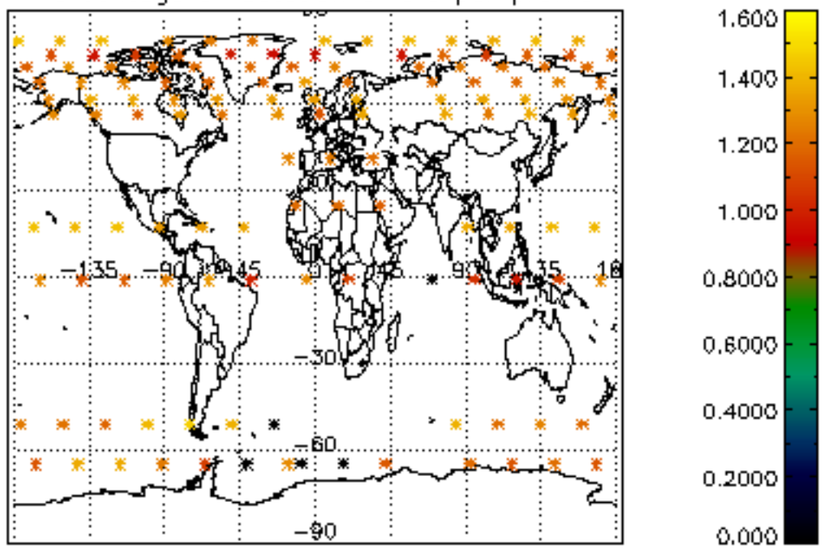

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 23/06/2007
04:00.00 23/06/2007
08:00.00 23/06/2007
12:00.00 23/06/2007
16:00.00 23/06/2007
20:00.00 23/06/2007
00:00.00 24/06/2007
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
50
40
30
20
10
0
value (%)
00:00.00
23/06/2007
04:00.00
23/06/2007
08:00.00
23/06/2007
12:00.00
23/06/2007
16:00.00
23/06/2007
20:00.00
23/06/2007
00:00.00
24/06/2007
Time

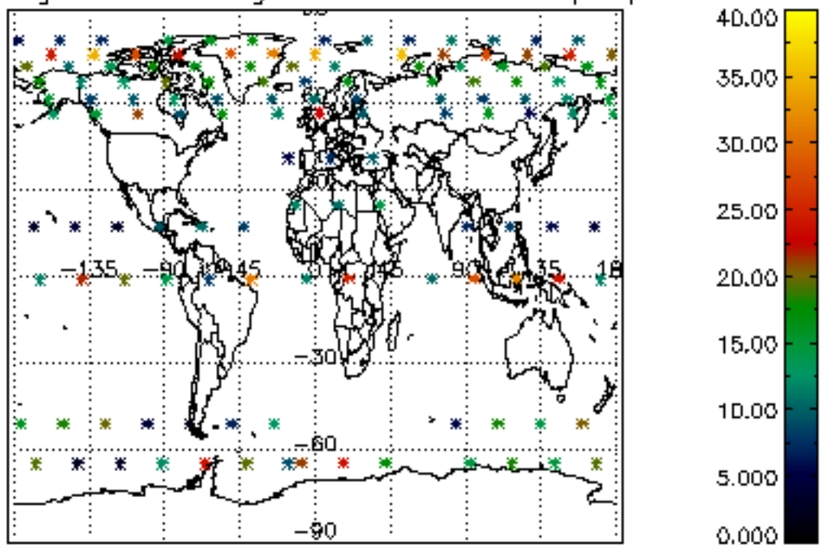
Percentage of cosmic ray hits per profile



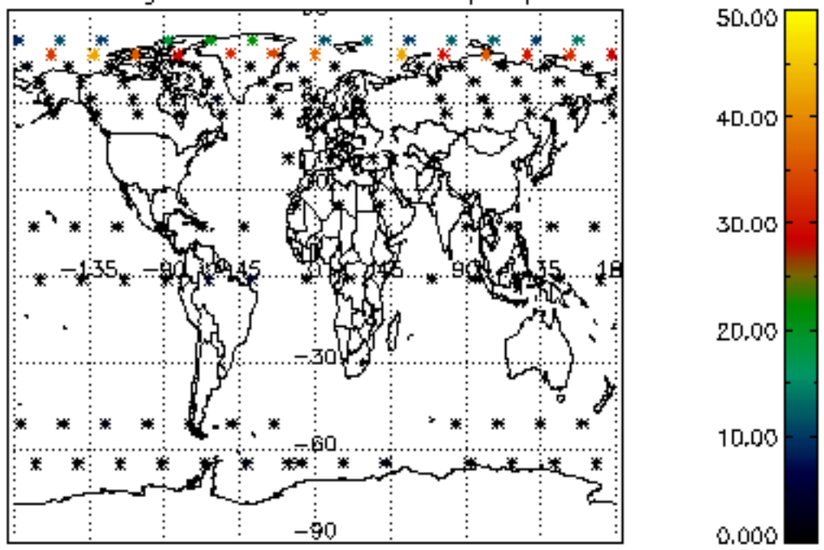
Percentage of datation errors per profile

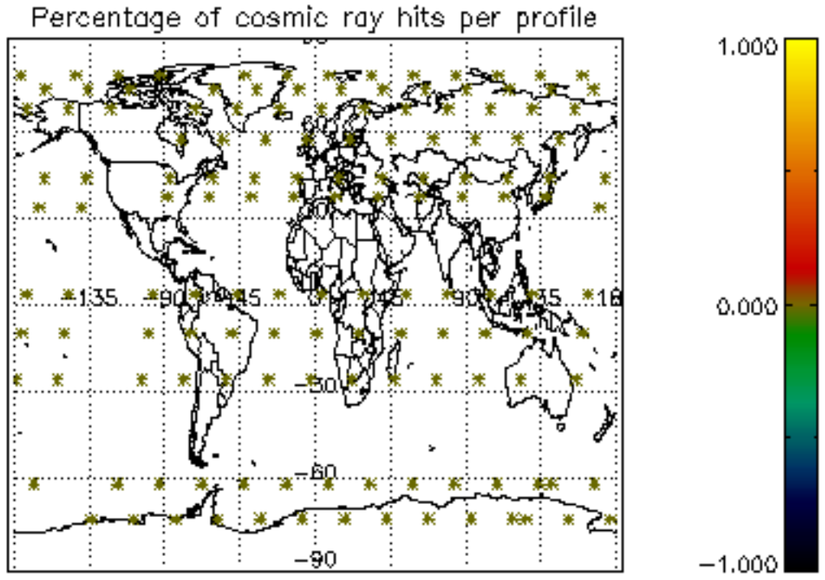


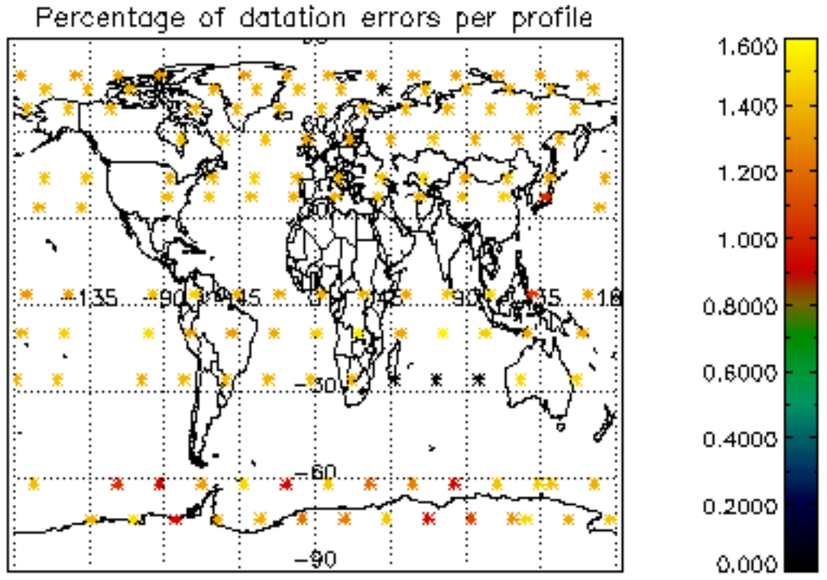
Percentage of star falling outside central band per profile

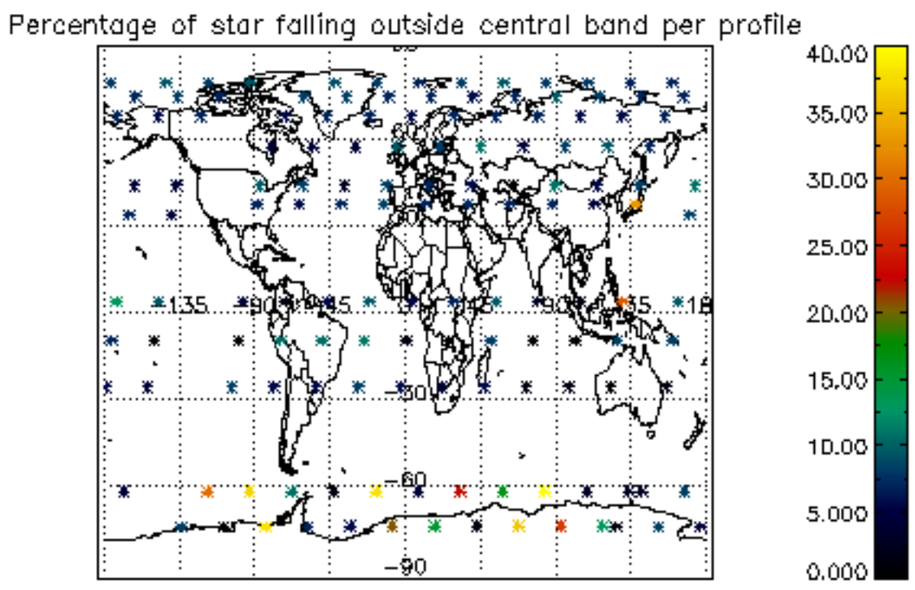


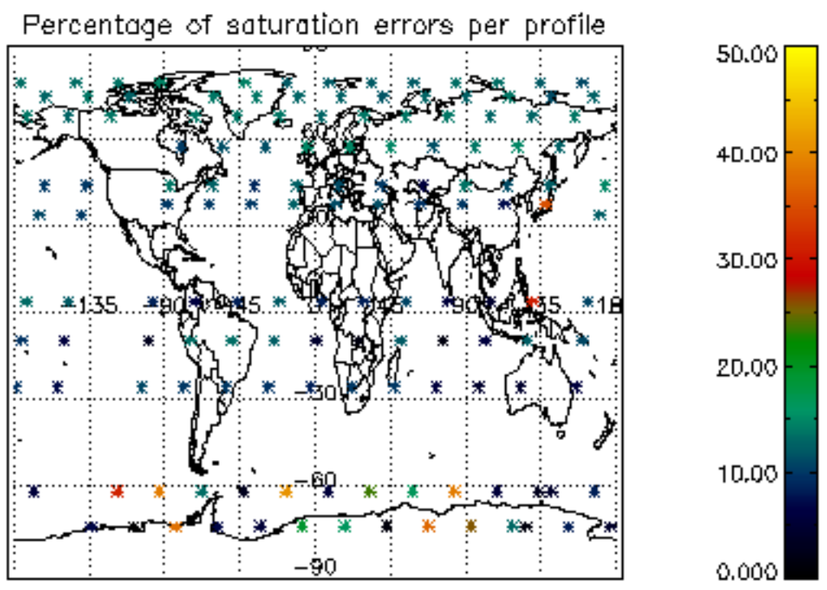
Percentage of saturation errors per profile

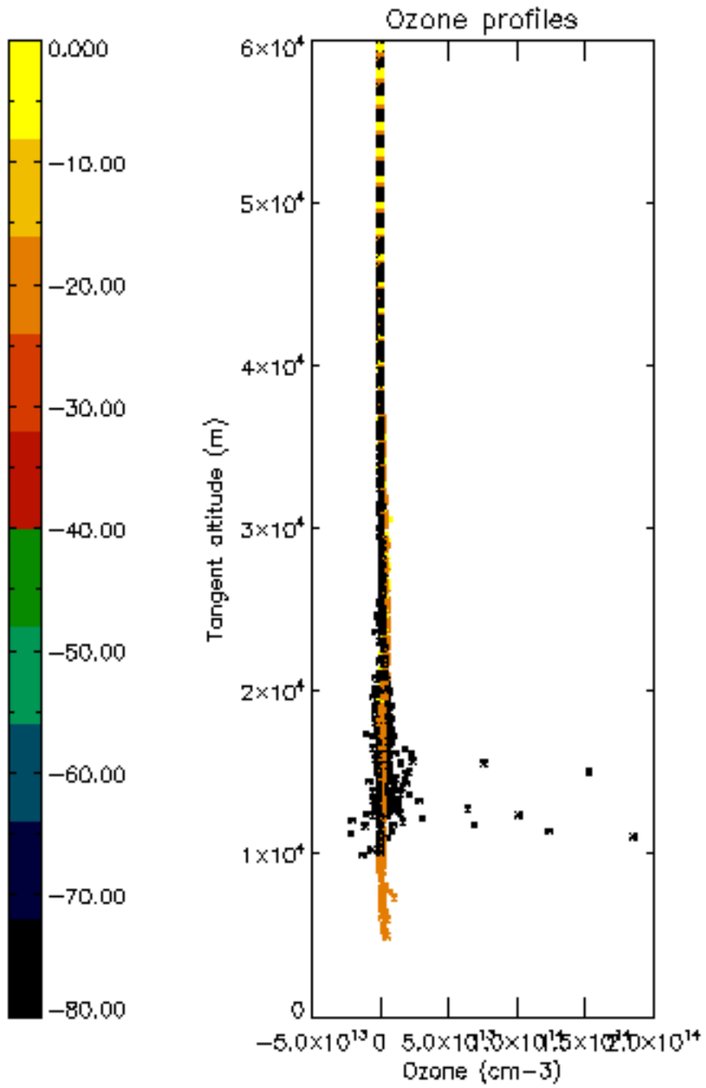


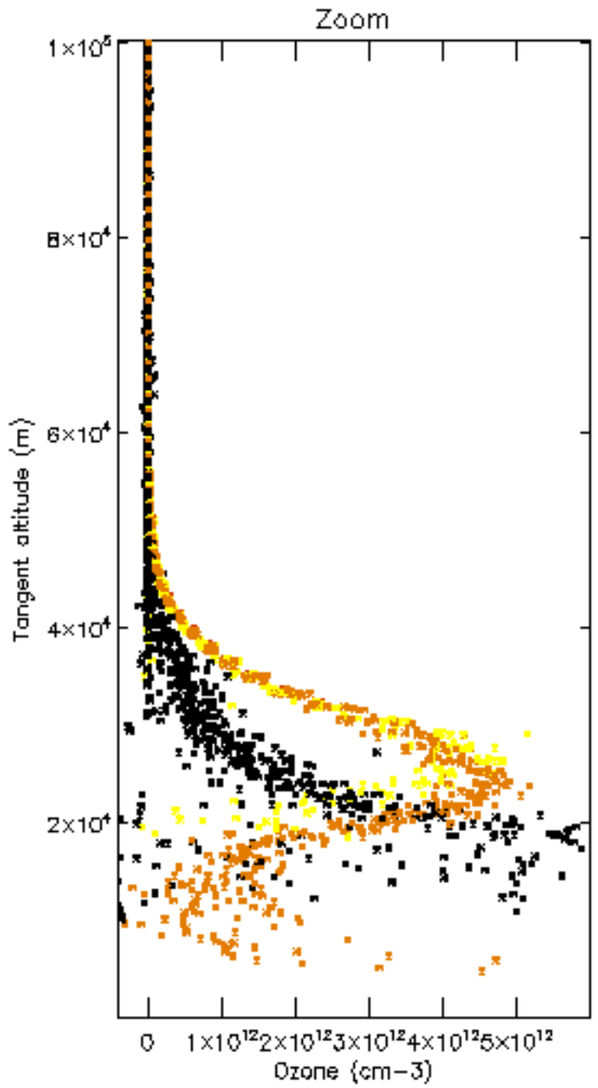

Percentage of cosmic ray hits per profile
1.000
0.000
−1.000
−90
−60
−30
135
90
45
0
45
90
135
180

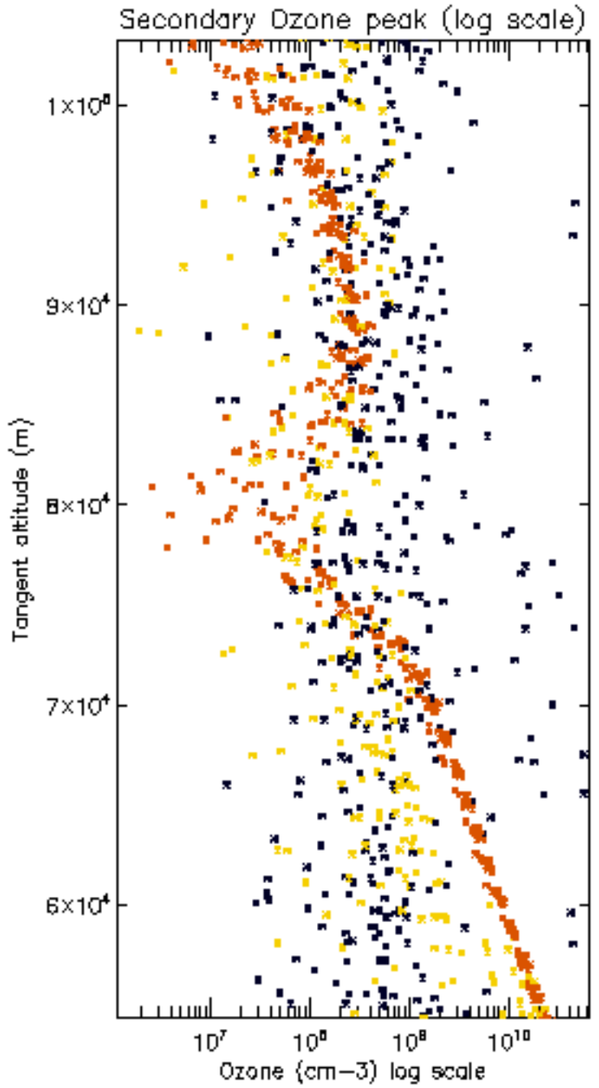

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−90
−60
−30
135
90
45
0
45
90
135
180

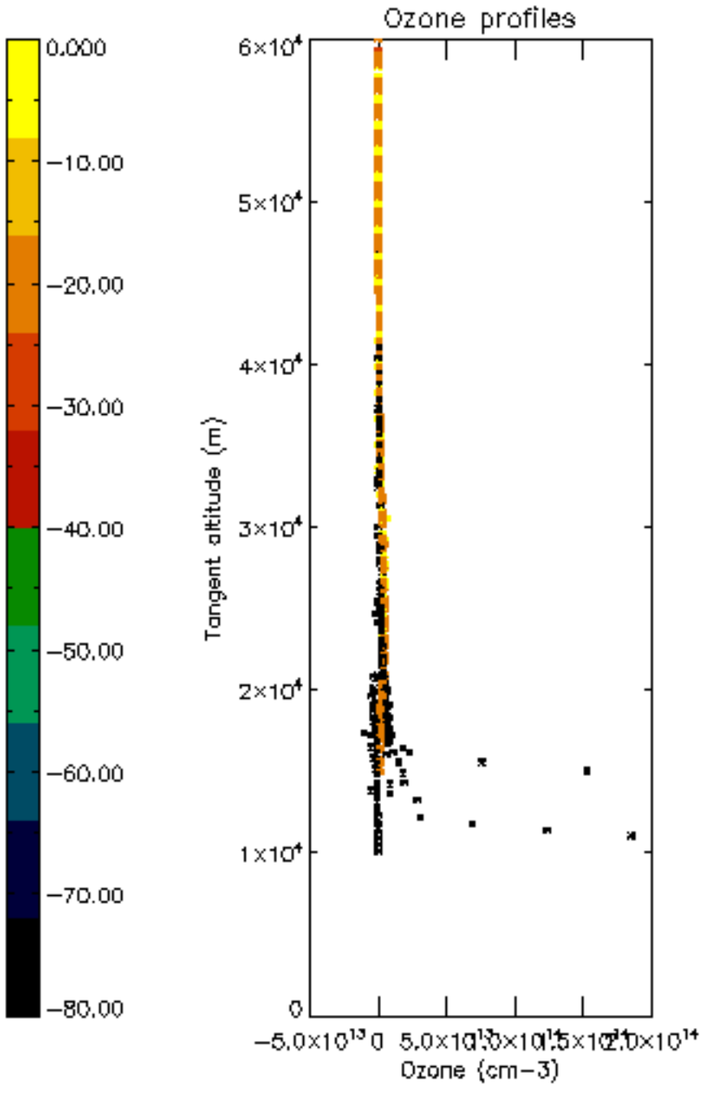

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−90
−60
−30
135
90
45
0
45
90
135
180

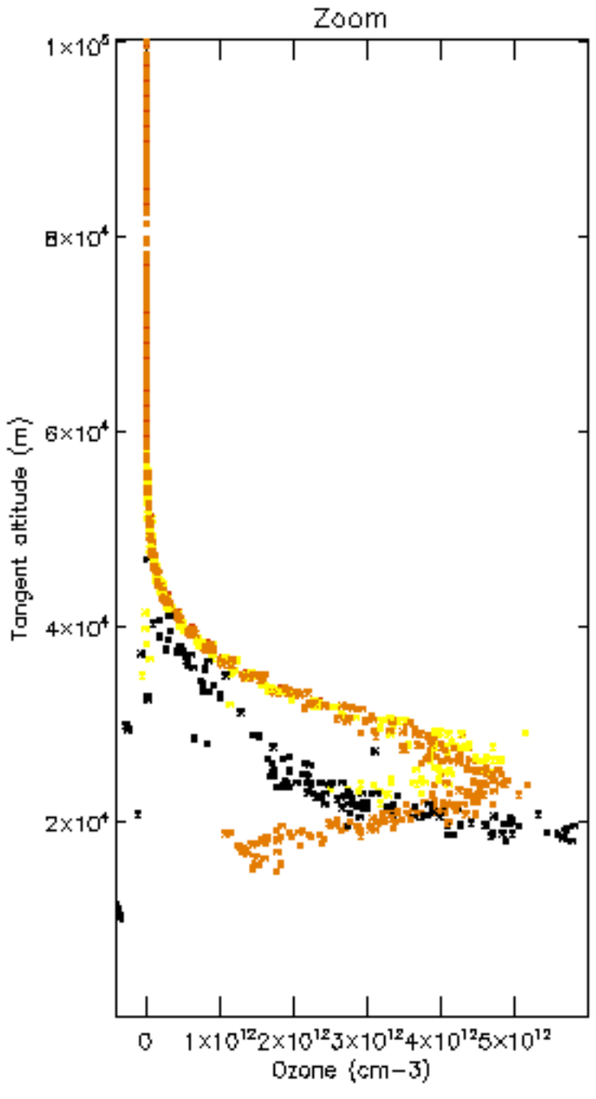

Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−90
−60
−30
135
90
45
0
45
90
135
180

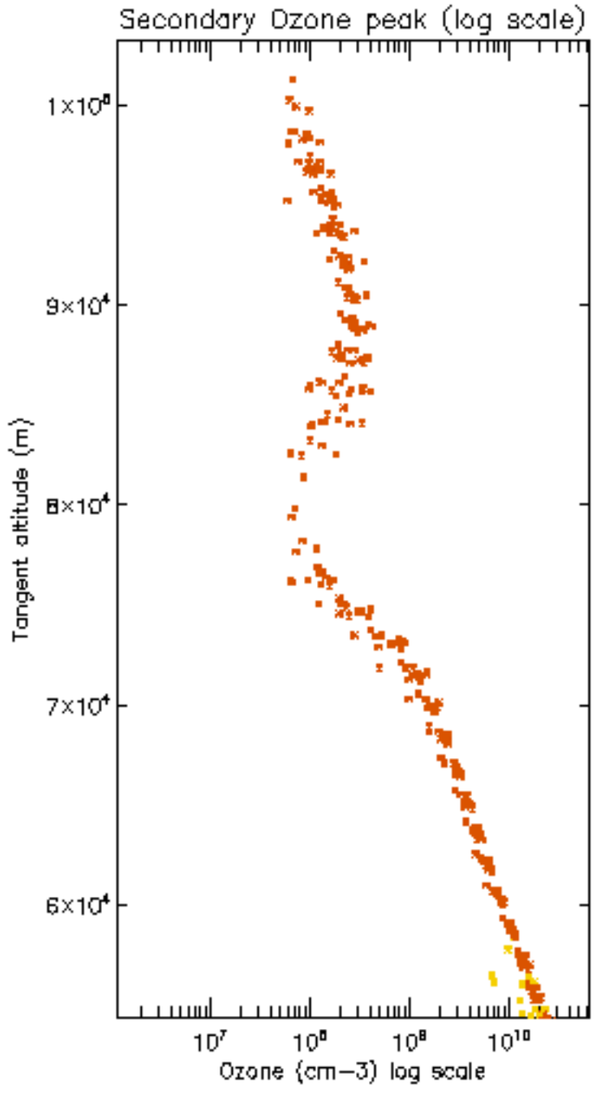

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−5.0×10¹³ 0
Ozone (cm−3)

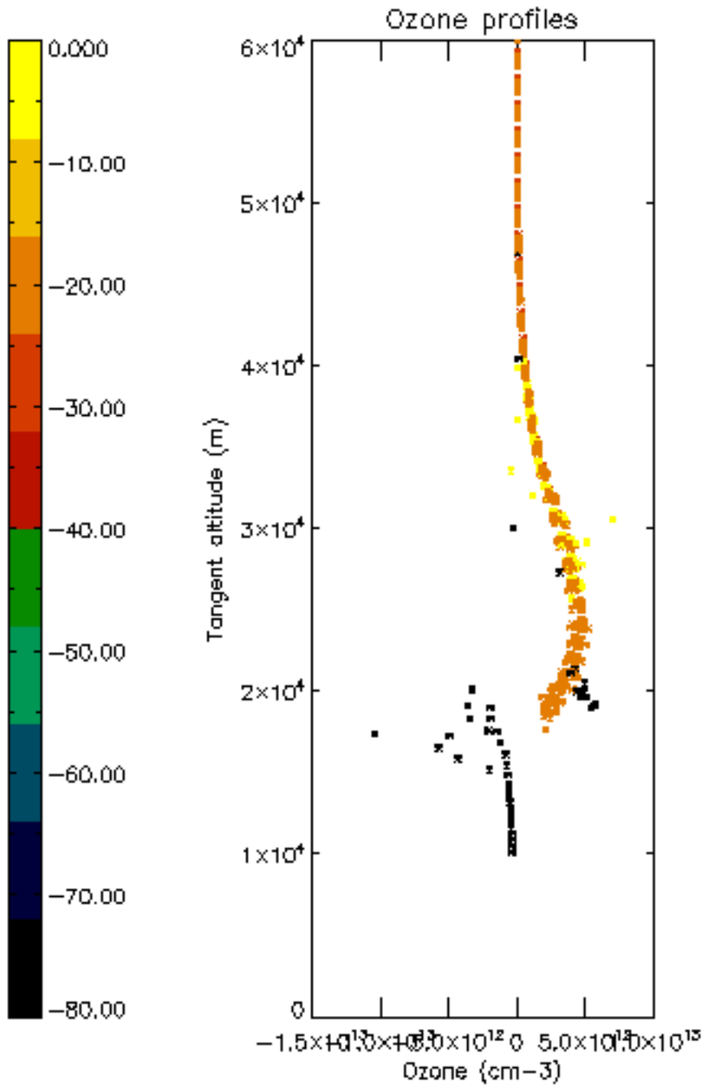

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁸
10¹⁰
Ozone (cm−3) log scale

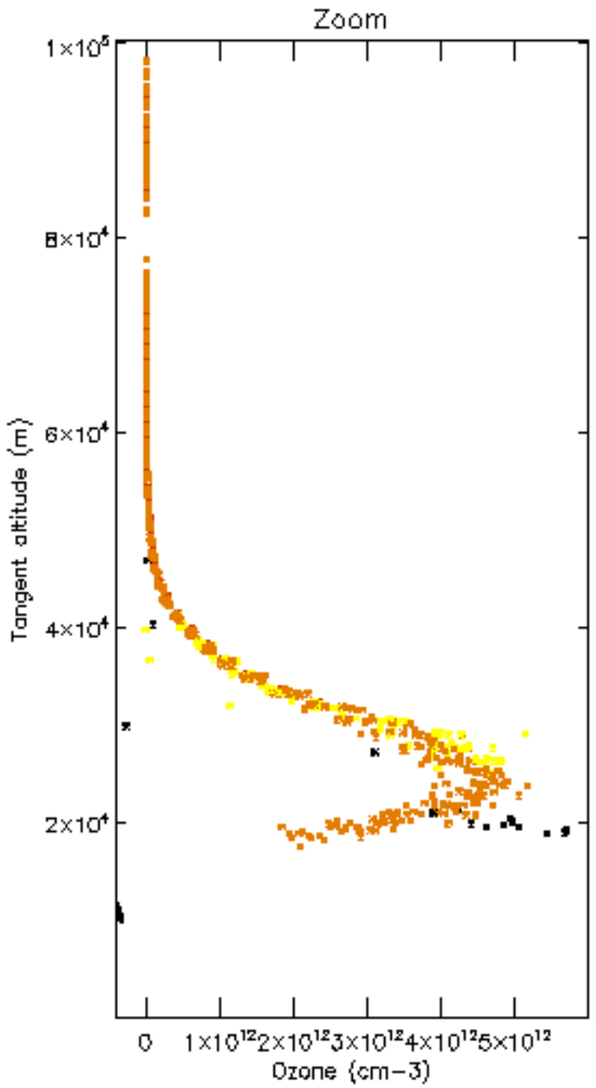

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−5.0×10¹³ 0
Ozone (cm−3)

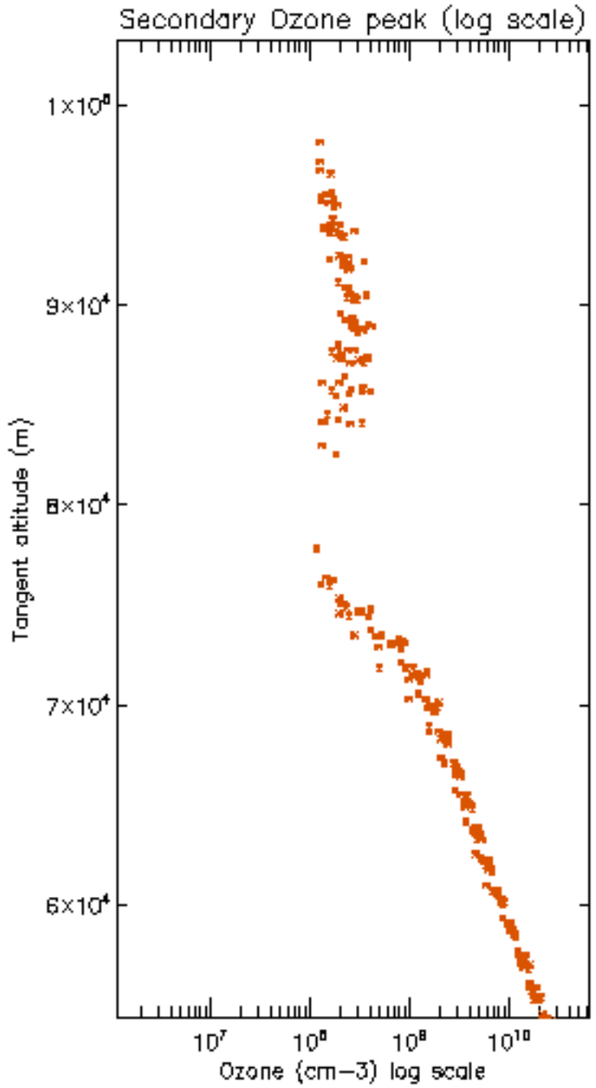

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)

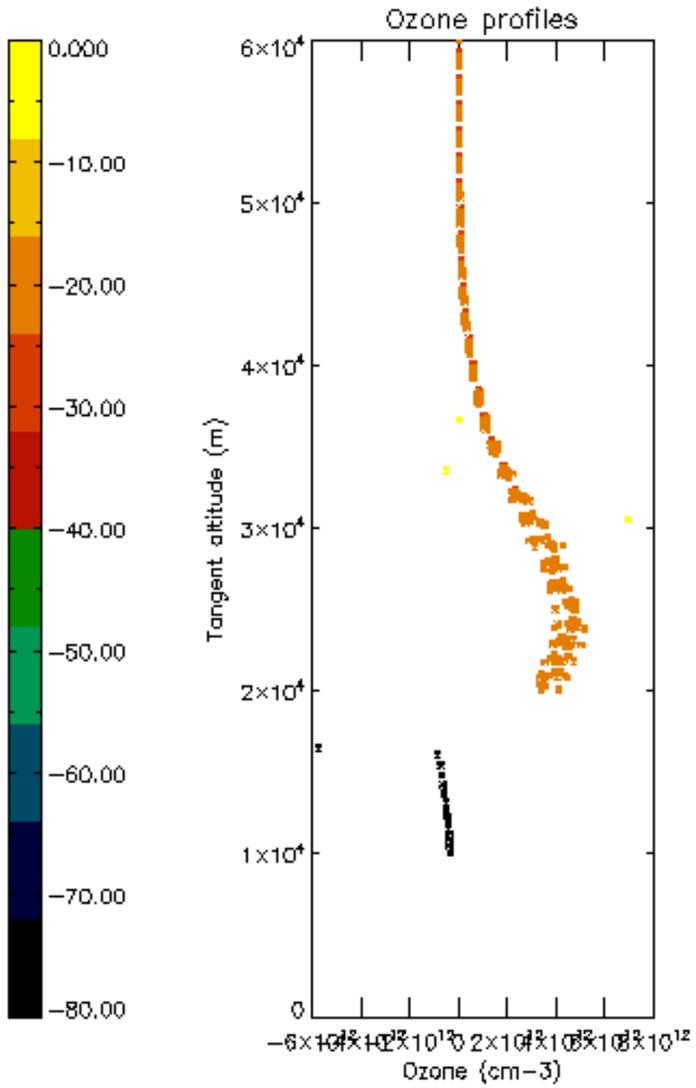

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00

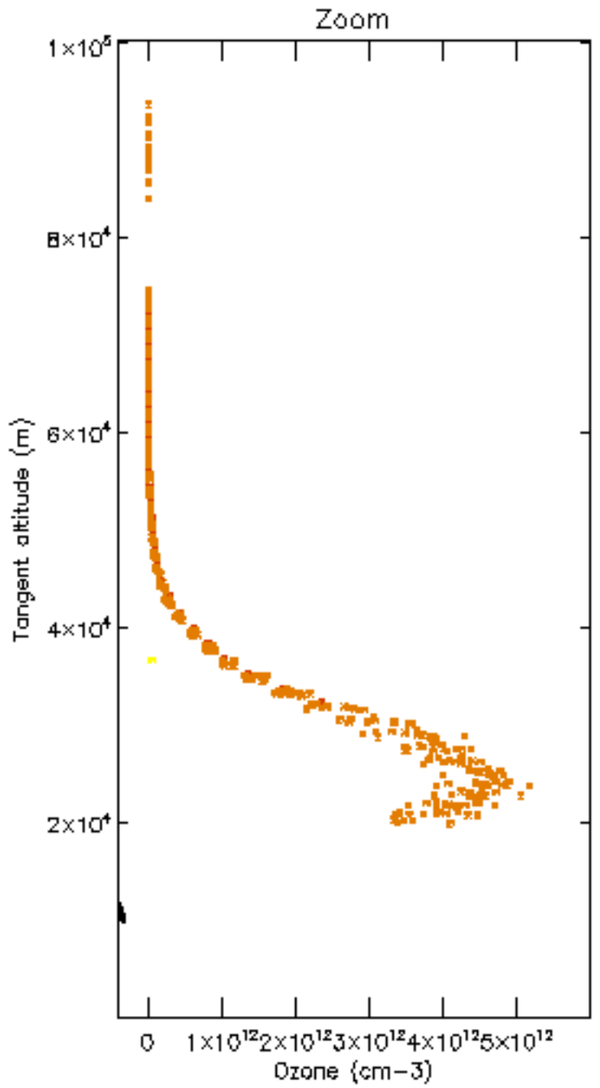
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
−1.5×10¹²
−1.0×10¹²
−5.0×10¹¹
0
5.0×10¹¹
1.0×10¹³
Ozone (cm−3)

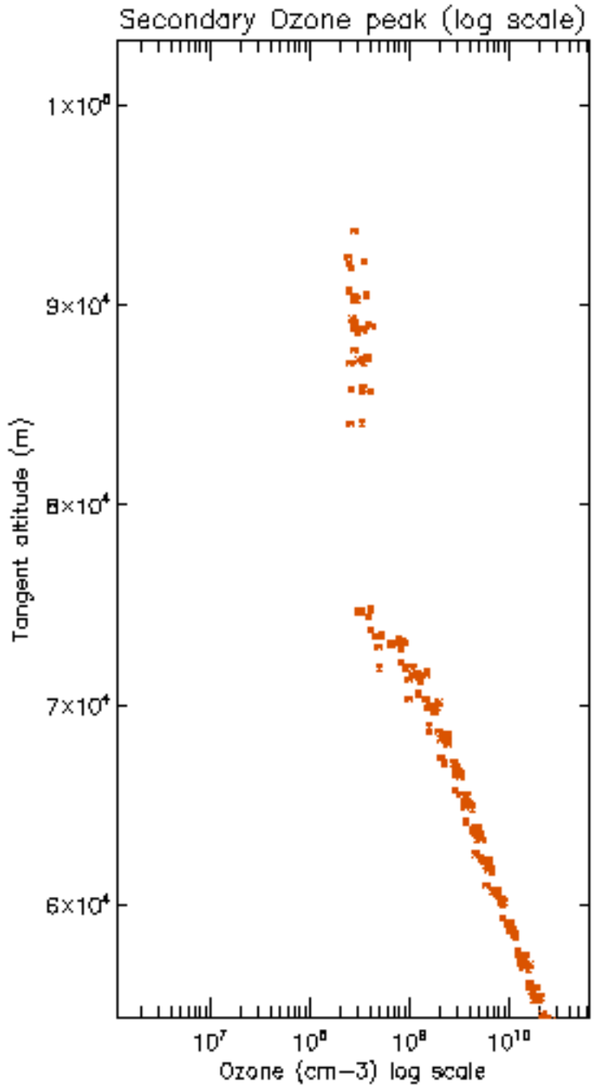

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

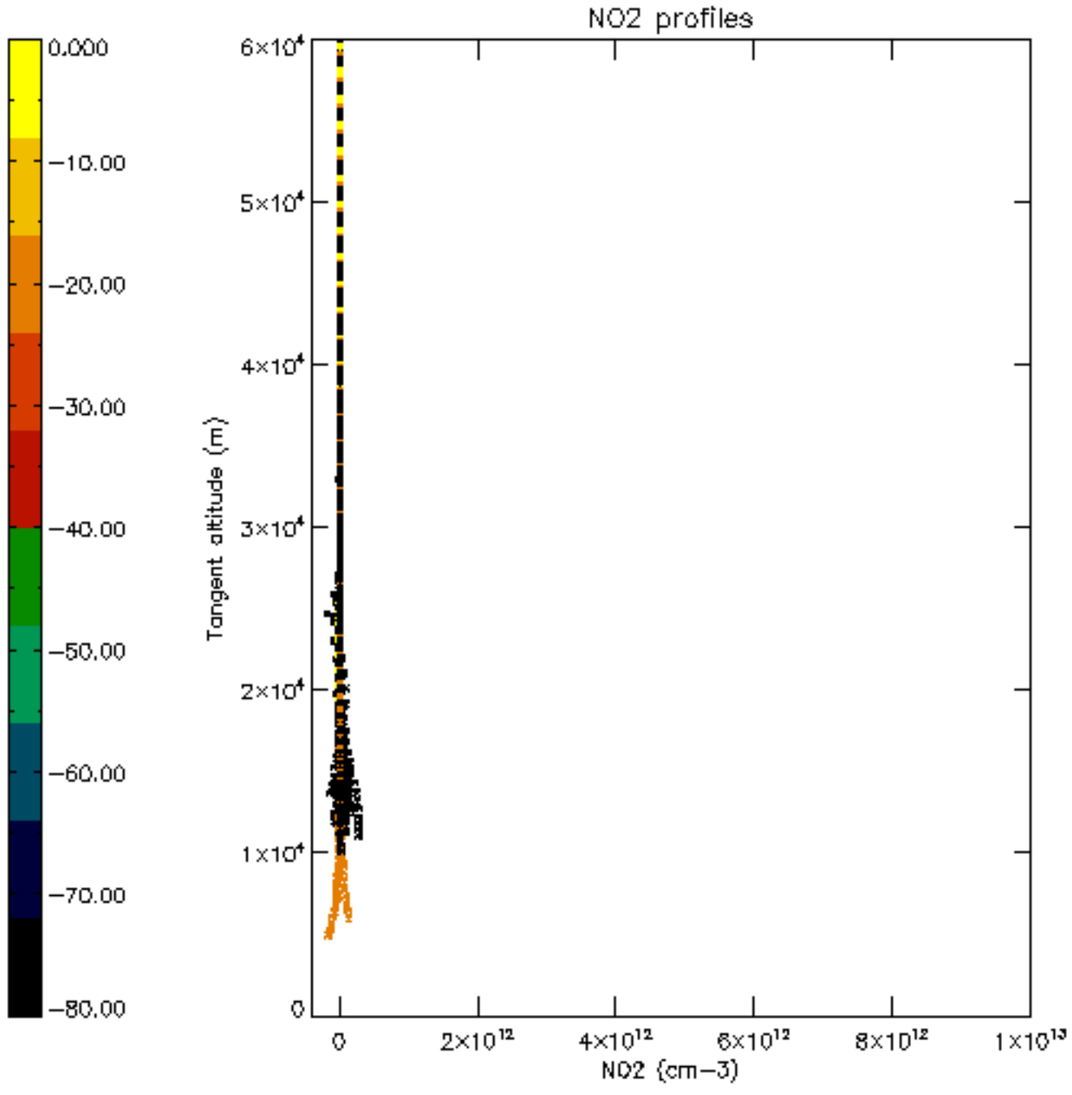

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

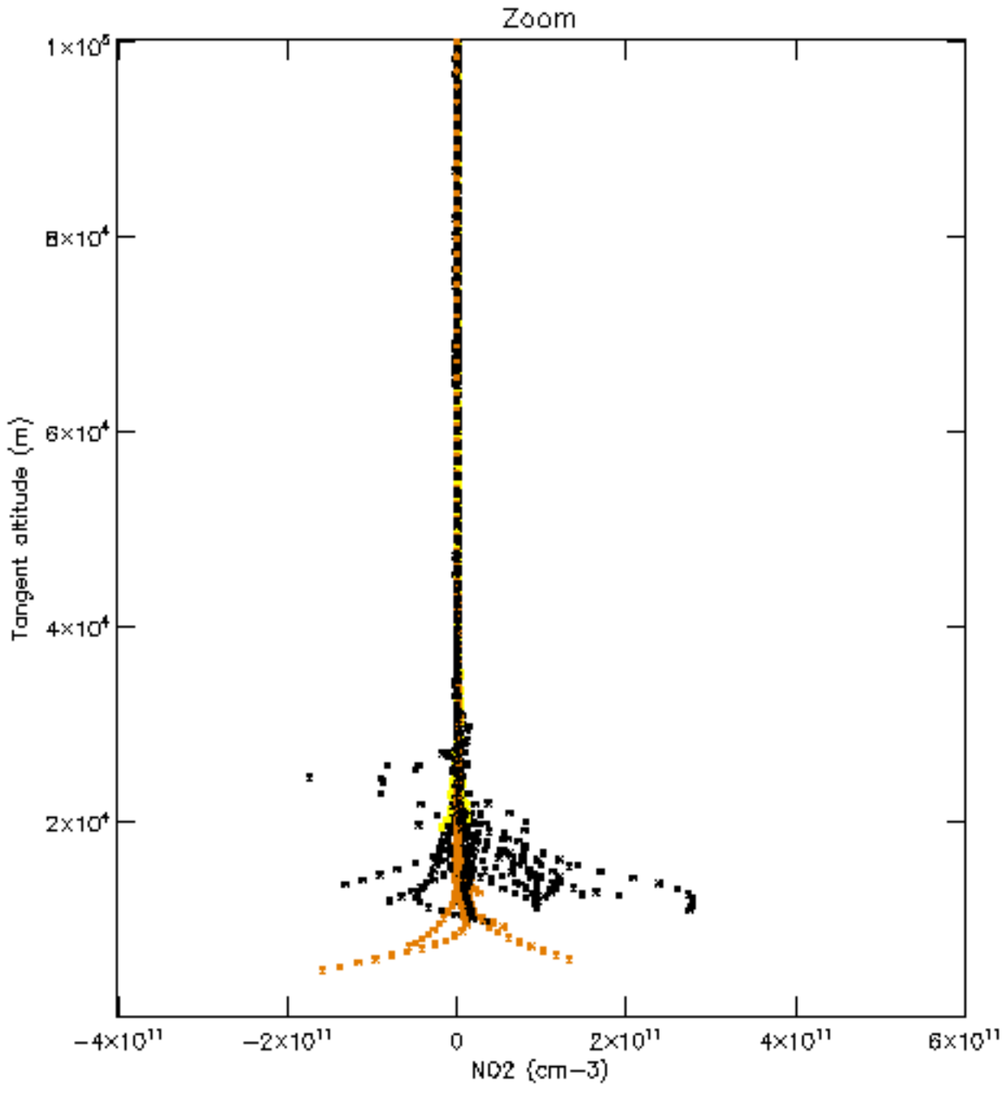

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00

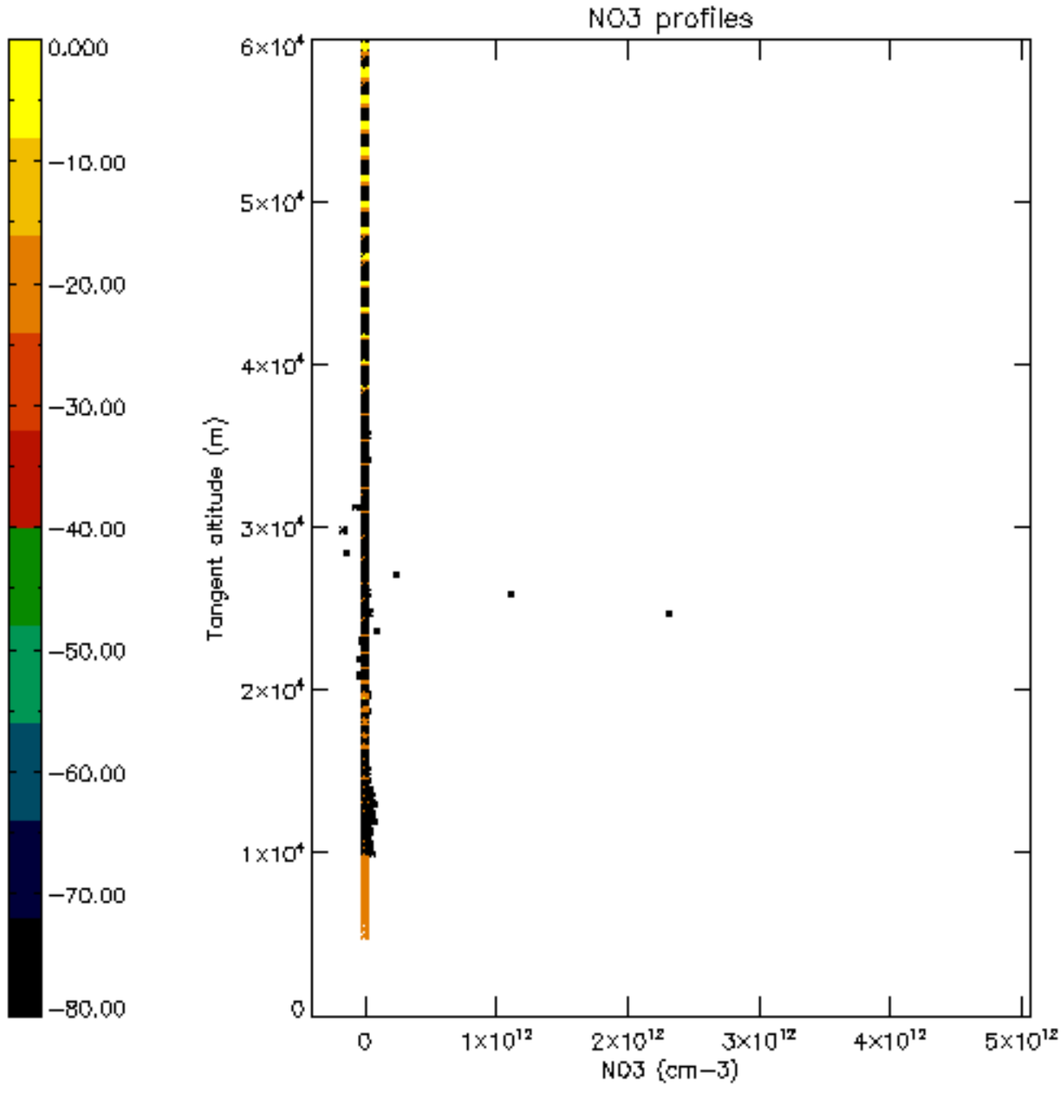
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

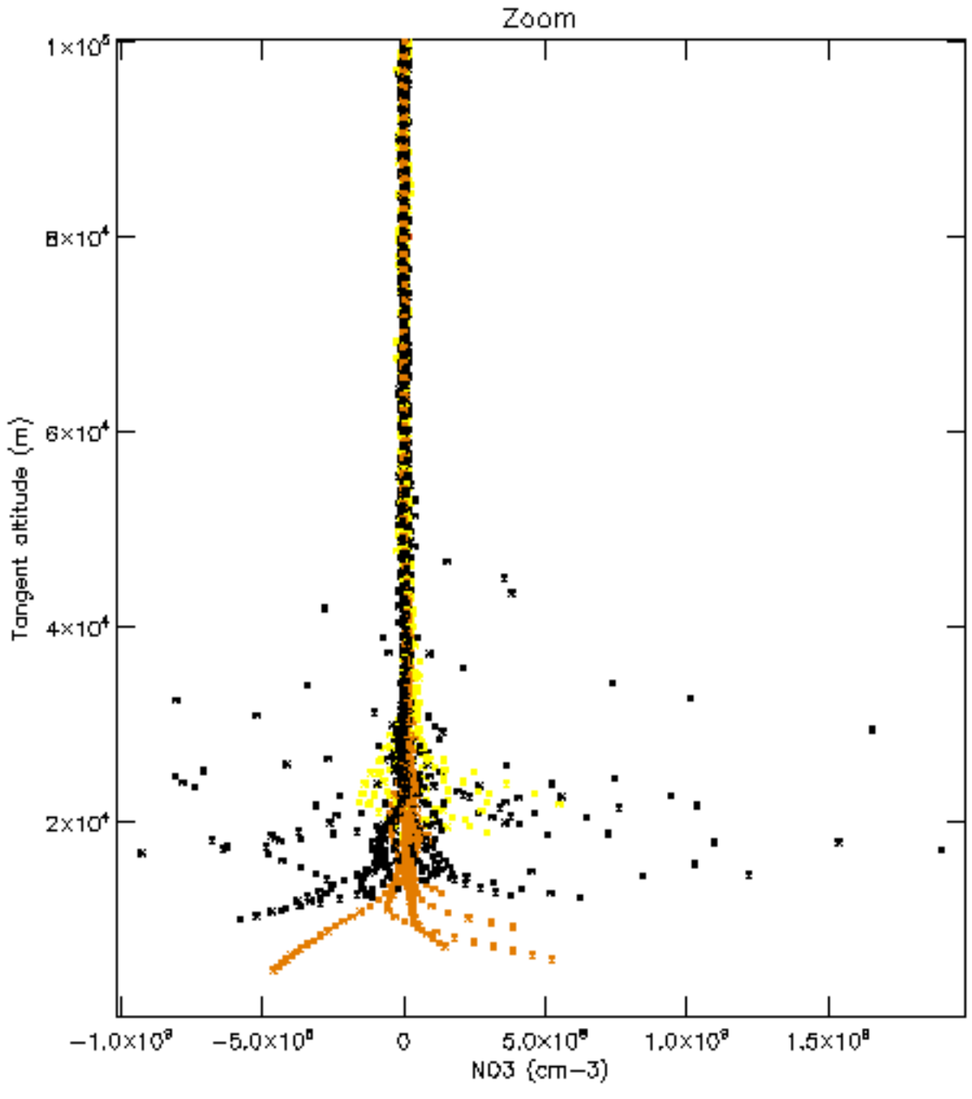

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)