

GOMOS Level 2 Daily Report

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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	24APR2013 02:07:06
Data source version	GOMOS/6.01
Start time of products	20-07-2006 (20JUL2006 00:00:00)
Stop time of products	21-07-2006 (21JUL2006 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__2PRFIN20060720_000011_000000352049_00331_22930_0117.N1	20-JUL-2006 00:00:11	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	22930	No
2	GOM_NL__2PRFIN20060720_000340_000000342049_00331_22930_0118.N1	20-JUL-2006 00:03:40	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	22930	No
3	GOM_NL__2PRFIN20060720_000705_000000342049_00331_22930_0119.N1	20-JUL-2006 00:07:05	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	22930	No
4	GOM_NL__2PRFIN20060720_001119_000000432049_00331_22930_0120.N1	20-JUL-2006 00:11:19	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	22930	No
5	GOM_NL__2PRFIN20060720_001441_000000362049_00331_22930_0121.N1	20-JUL-2006 00:14:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22930	No
6	GOM_NL__2PRFIN20060720_002710_000000392049_00331_22930_0122.N1	20-JUL-2006 00:27:10	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	22930	No
7	GOM_NL__2PRFIN20060720_003101_000000372049_00331_22930_0123.N1	20-JUL-2006 00:31:01	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	22930	No
8	GOM_NL__2PRFIN20060720_003611_000000502049_00331_22930_0124.N1	20-JUL-2006 00:36:11	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	22930	No
9	GOM_NL__2PRFIN20060720_004016_000000382049_00331_22930_0125.N1	20-JUL-2006 00:40:16	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	22930	No
10	GOM_NL__2PRFIN20060720_004229_000000422049_00331_22930_0126.N1	20-JUL-2006 00:42:29	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	22930	No
11	GOM_NL__2PRFIN20060720_005500_000000452049_00331_22930_0127.N1	20-JUL-2006 00:55:00	Dark	44.500	157	The1Eri	2.9060	9300.0	89	22930	No
12	GOM_NL__2PRFIN20060720_010104_000000542049_00332_22931_0108.N1	20-JUL-2006 01:01:04	Dark	54.000	9	Alp Eri	0.45300	24000.	108	22931	No
13	GOM_NL__2PRFIN20060720_010415_000000372049_00332_22931_0109.N1	20-JUL-2006 01:04:15	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22931	No
14	GOM_NL__2PRFIN20060720_010829_000000402049_00332_22931_0110.N1	20-JUL-2006 01:08:29	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22931	No
15	GOM_NL__2PRFIN20060720_011212_000000402049_00332_22931_0111.N1	20-JUL-2006 01:12:12	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22931	No
16	GOM_NL__2PRFIN20060720_012006_000000412049_00332_22931_0112.N1	20-JUL-2006 01:20:06	Tw_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	22931	No
17	GOM_NL__2PRFIN20060720_012200_000000412049_00332_22931_0113.N1	20-JUL-2006 01:22:00	Bright	41.000	57	34Sig Sgr	2.0660	26000.	82	22931	No
18	GOM_NL__2PRFIN20060720_012321_000000382049_00332_22931_0114.N1	20-JUL-2006 01:23:21	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22931	No
19	GOM_NL__2PRFIN20060720_013118_000000362049_00332_22931_0115.N1	20-JUL-2006 01:31:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22931	No
20	GOM_NL__2PRFIN20060720_013355_000000162049_00332_22931_0116.N1	20-JUL-2006 01:33:55	Bright	15.500	59	55Alp Oph	2.0800	8900.0	31	22931	No
21	GOM_NL__2PRFIN20060720_014047_000000352049_00332_22931_0117.N1	20-JUL-2006 01:40:47	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	22931	No
22	GOM_NL__2PRFIN20060720_014416_000000352049_00332_22931_0118.N1	20-JUL-2006 01:44:16	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22931	No
23	GOM_NL__2PRFIN20060720_014741_000000402049_00332_22931_0119.N1	20-JUL-2006 01:47:41	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22931	No
24	GOM_NL__2PRFIN20060720_015156_000000352049_00332_22931_0120.N1	20-JUL-2006 01:51:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22931	No
25	GOM_NL__2PRFIN20060720_015516_000000352049_00332_22931_0121.N1	20-JUL-2006 01:55:16	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22931	No
26	GOM_NL__2PRFIN20060720_020746_000000532049_00332_22931_0122.N1	20-JUL-2006 02:07:46	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22931	No
27	GOM_NL__2PRFIN20060720_021137_000000392049_00332_22931_0123.N1	20-JUL-2006 02:11:37	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22931	No
28	GOM_NL__2PRFIN20060720_021647_000000552049_00332_22931_0124.N1	20-JUL-2006 02:16:47	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	22931	No
29	GOM_NL__2PRFIN20060720_022051_000000352049_00332_22931_0125.N1	20-JUL-2006 02:20:51	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22931	No
30	GOM_NL__2PRFIN20060720_022306_000000432049_00332_22931_0126.N1	20-JUL-2006 02:23:06	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22931	No
31	GOM_NL__2PRFIN20060720_023537_000000422049_00332_22931_0127.N1	20-JUL-2006 02:35:37	Dark	41.500	157	The1Eri	2.9060	9300.0	83	22931	No
32	GOM_NL__2PRFIN20060720_024141_000000462049_00333_22932_0108.N1	20-JUL-2006 02:41:41	Dark	45.500	9	Alp Eri	0.45300	24000.	91	22932	No
33	GOM_NL__2PRFIN20060720_024451_000000372049_00333_22932_0109.N1	20-JUL-2006 02:44:51	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22932	No
34	GOM_NL__2PRFIN20060720_024905_000000432049_00333_22932_0110.N1	20-JUL-2006 02:49:05	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	22932	No
35	GOM_NL__2PRFIN20060720_025248_000000432049_00333_22932_0111.N1	20-JUL-2006 02:52:48	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22932	No
36	GOM_NL__2PRFIN20060720_030042_000000412049_00333_22932_0112.N1	20-JUL-2006 03:00:42	Tw_and_stray	41.000	38	20Eps Sgr	1.8360	11000.	82	22932	No
37	GOM_NL__2PRFIN20060720_030236_000000392049_00333_22932_0113.N1	20-JUL-2006 03:02:36	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22932	No
38	GOM_NL__2PRFIN20060720_030357_000000382049_00333_22932_0114.N1	20-JUL-2006 03:03:57	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22932	No
39	GOM_NL__2PRFIN20060720_031154_000000362049_00333_22932_0115.N1	20-JUL-2006 03:11:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22932	No
40	GOM_NL__2PRFIN20060720_032123_000000392049_00333_22932_0116.N1	20-JUL-2006 03:21:23	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	22932	No
41	GOM_NL__2PRFIN20060720_032452_000000332049_00333_22932_0117.N1	20-JUL-2006 03:24:52	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	22932	No
42	GOM_NL__2PRFIN20060720_032818_000000362049_00333_22932_0118.N1	20-JUL-2006 03:28:18	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22932	No

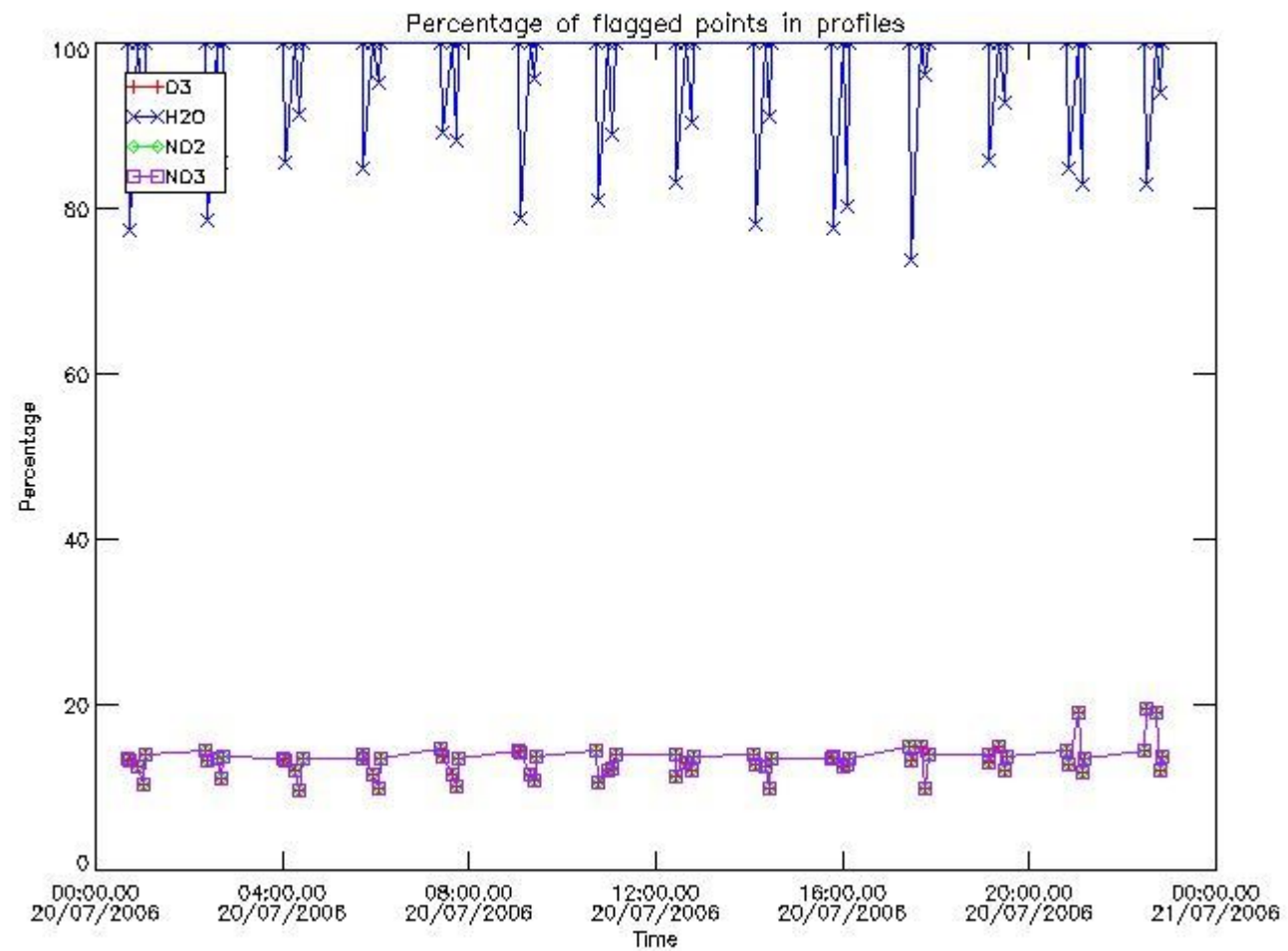
43	GOM_NL__2PRFIN20060720_033232_000000342049_00333_22932_0119.N1	20-JUL-2006 03:32:32	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22932	No
44	GOM_NL__2PRFIN20060720_033552_000000352049_00333_22932_0120.N1	20-JUL-2006 03:35:52	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22932	No
45	GOM_NL__2PRFIN20060720_034822_000000382049_00333_22932_0121.N1	20-JUL-2006 03:48:22	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22932	No
46	GOM_NL__2PRFIN20060720_035214_000000542049_00333_22932_0122.N1	20-JUL-2006 03:52:14	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	22932	No
47	GOM_NL__2PRFIN20060720_035723_000000562049_00333_22932_0123.N1	20-JUL-2006 03:57:23	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22932	No
48	GOM_NL__2PRFIN20060720_040128_000000382049_00333_22932_0124.N1	20-JUL-2006 04:01:28	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22932	No
49	GOM_NL__2PRFIN20060720_040342_000000392049_00333_22932_0125.N1	20-JUL-2006 04:03:42	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22932	No
50	GOM_NL__2PRFIN20060720_041613_000000432049_00333_22932_0126.N1	20-JUL-2006 04:16:13	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22932	No
51	GOM_NL__2PRFIN20060720_042217_000000532049_00334_22933_0108.N1	20-JUL-2006 04:22:17	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22933	No
52	GOM_NL__2PRFIN20060720_042527_000000382049_00334_22933_0109.N1	20-JUL-2006 04:25:27	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22933	No
53	GOM_NL__2PRFIN20060720_042942_000000432049_00334_22933_0110.N1	20-JUL-2006 04:29:42	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22933	No
54	GOM_NL__2PRFIN20060720_043324_000000422049_00334_22933_0111.N1	20-JUL-2006 04:33:24	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22933	No
55	GOM_NL__2PRFIN20060720_044118_000000412049_00334_22933_0112.N1	20-JUL-2006 04:41:18	Tw_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22933	No
56	GOM_NL__2PRFIN20060720_044312_000000402049_00334_22933_0113.N1	20-JUL-2006 04:43:12	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	22933	No
57	GOM_NL__2PRFIN20060720_044433_000000392049_00334_22933_0114.N1	20-JUL-2006 04:44:33	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22933	No
58	GOM_NL__2PRFIN20060720_045230_000000372049_00334_22933_0115.N1	20-JUL-2006 04:52:30	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22933	No
59	GOM_NL__2PRFIN20060720_050159_000000402049_00334_22933_0116.N1	20-JUL-2006 05:01:59	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22933	No
60	GOM_NL__2PRFIN20060720_050528_000000362049_00334_22933_0117.N1	20-JUL-2006 05:05:28	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	22933	No
61	GOM_NL__2PRFIN20060720_050854_000000332049_00334_22933_0118.N1	20-JUL-2006 05:08:54	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22933	No
62	GOM_NL__2PRFIN20060720_051308_000000372049_00334_22933_0119.N1	20-JUL-2006 05:13:08	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22933	No
63	GOM_NL__2PRFIN20060720_051628_000000332049_00334_22933_0120.N1	20-JUL-2006 05:16:28	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	22933	No
64	GOM_NL__2PRFIN20060720_052858_000000392049_00334_22933_0121.N1	20-JUL-2006 05:28:58	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	22933	No
65	GOM_NL__2PRFIN20060720_053250_000000452049_00334_22933_0122.N1	20-JUL-2006 05:32:50	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	22933	No
66	GOM_NL__2PRFIN20060720_053759_000000502049_00334_22933_0123.N1	20-JUL-2006 05:37:59	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22933	No
67	GOM_NL__2PRFIN20060720_054204_000000382049_00334_22933_0124.N1	20-JUL-2006 05:42:04	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	22933	No
68	GOM_NL__2PRFIN20060720_054418_000000372049_00334_22933_0125.N1	20-JUL-2006 05:44:18	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22933	No
69	GOM_NL__2PRFIN20060720_055650_000000442049_00334_22933_0126.N1	20-JUL-2006 05:56:50	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22933	No
70	GOM_NL__2PRFIN20060720_060254_000000522049_00335_22934_0108.N1	20-JUL-2006 06:02:54	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22934	No
71	GOM_NL__2PRFIN20060720_060604_000000382049_00335_22934_0109.N1	20-JUL-2006 06:06:04	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22934	No
72	GOM_NL__2PRFIN20060720_061018_000000402049_00335_22934_0110.N1	20-JUL-2006 06:10:18	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	22934	No
73	GOM_NL__2PRFIN20060720_061401_000000402049_00335_22934_0111.N1	20-JUL-2006 06:14:01	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22934	No
74	GOM_NL__2PRFIN20060720_062154_000000422049_00335_22934_0112.N1	20-JUL-2006 06:21:54	Bright	41.500	38	20Eps Sgr	1.8360	11000.	83	22934	No
75	GOM_NL__2PRFIN20060720_062348_000000382049_00335_22934_0113.N1	20-JUL-2006 06:23:48	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22934	No
76	GOM_NL__2PRFIN20060720_062509_000000382049_00335_22934_0114.N1	20-JUL-2006 06:25:09	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22934	No
77	GOM_NL__2PRFIN20060720_063306_000000352049_00335_22934_0115.N1	20-JUL-2006 06:33:06	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22934	No
78	GOM_NL__2PRFIN20060720_064235_000000372049_00335_22934_0116.N1	20-JUL-2006 06:42:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22934	No
79	GOM_NL__2PRFIN20060720_064603_000000372049_00335_22934_0117.N1	20-JUL-2006 06:46:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22934	No
80	GOM_NL__2PRFIN20060720_064930_000000362049_00335_22934_0118.N1	20-JUL-2006 06:49:30	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22934	No
81	GOM_NL__2PRFIN20060720_065344_000000362049_00335_22934_0119.N1	20-JUL-2006 06:53:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22934	No
82	GOM_NL__2PRFIN20060720_065704_000000352049_00335_22934_0120.N1	20-JUL-2006 06:57:04	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22934	No
83	GOM_NL__2PRFIN20060720_070934_000000382049_00335_22934_0121.N1	20-JUL-2006 07:09:34	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22934	No
84	GOM_NL__2PRFIN20060720_071325_000000402049_00335_22934_0122.N1	20-JUL-2006 07:13:25	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	22934	No
85	GOM_NL__2PRFIN20060720_071836_000000552049_00335_22934_0123.N1	20-JUL-2006 07:18:36	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	22934	No
86	GOM_NL__2PRFIN20060720_072240_000000352049_00335_22934_0124.N1	20-JUL-2006 07:22:40	Dark	34.500	30	46Eps Ori	1.6940	30000.	69	22934	No
87	GOM_NL__2PRFIN20060720_072454_000000372049_00335_22934_0125.N1	20-JUL-2006 07:24:54	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22934	No
88	GOM_NL__2PRFIN20060720_073727_000000452049_00335_22934_0126.N1	20-JUL-2006 07:37:27	Dark	44.500	157	The1Eri	2.9060	9300.0	89	22934	No
89	GOM_NL__2PRFIN20060720_074330_000000552049_00336_22935_0108.N1	20-JUL-2006 07:43:30	Dark	55.000	9	Alp Eri	0.45300	24000.	110	22935	No
90	GOM_NL__2PRFIN20060720_074640_000000382049_00336_22935_0109.N1	20-JUL-2006 07:46:40	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22935	No
91	GOM_NL__2PRFIN20060720_075055_000000412049_00336_22935_0110.N1	20-JUL-2006 07:50:55	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22935	No
92	GOM_NL__2PRFIN20060720_075437_000000422049_00336_22935_0111.N1	20-JUL-2006 07:54:37	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22935	No
93	GOM_NL__2PRFIN20060720_080230_000000412049_00336_22935_0112.N1	20-JUL-2006 08:02:30	Tw_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22935	No
94	GOM_NL__2PRFIN20060720_080424_000000372049_00336_22935_0113.N1	20-JUL-2006 08:04:24	Bright	37.000	57	34Sig Sgr	2.0660	26000.	74	22935	No
95	GOM_NL__2PRFIN20060720_080545_000000382049_00336_22935_0114.N1	20-JUL-2006 08:05:45	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22935	No
96	GOM_NL__2PRFIN20060720_081342_000000362049_00336_22935_0115.N1	20-JUL-2006 08:13:42	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22935	No
97	GOM_NL__2PRFIN20060720_082310_000000412049_00336_22935_0116.N1	20-JUL-2006 08:23:10	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	22935	No
98	GOM_NL__2PRFIN20060720_082639_000000392049_00336_22935_0117.N1	20-JUL-2006 08:26:39	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22935	No
99	GOM_NL__2PRFIN20060720_083006_000000362049_00336_22935_0118.N1	20-JUL-2006 08:30:06	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22935	No
100	GOM_NL__2PRFIN20060720_083420_000000352049_00336_22935_0119.N1	20-JUL-2006 08:34:20	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22935	No
101	GOM_NL__2PRFIN20060720_083740_000000362049_00336_22935_0120.N1	20-JUL-2006 08:37:40	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22935	No

102	GOM_NL__2PRFIN20060720_085010_000000402049_00336_22935_0121.N1	20-JUL-2006 08:50:10	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	22935	No
103	GOM_NL__2PRFIN20060720_085402_000000402049_00336_22935_0122.N1	20-JUL-2006 08:54:02	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22935	No
104	GOM_NL__2PRFIN20060720_085912_000000412049_00336_22935_0123.N1	20-JUL-2006 08:59:12	Twilight	40.500	13	87Alp Tau	0.86700	3800.0	81	22935	No
105	GOM_NL__2PRFIN20060720_090316_000000352049_00336_22935_0124.N1	20-JUL-2006 09:03:16	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22935	No
106	GOM_NL__2PRFIN20060720_090530_000000432049_00336_22935_0125.N1	20-JUL-2006 09:05:30	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22935	No
107	GOM_NL__2PRFIN20060720_091804_000000442049_00336_22935_0126.N1	20-JUL-2006 09:18:04	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22935	No
108	GOM_NL__2PRFIN20060720_092407_000000482049_00337_22936_0108.N1	20-JUL-2006 09:24:07	Dark	47.500	9	Alp Eri	0.45300	24000.	95	22936	No
109	GOM_NL__2PRFIN20060720_092716_000000372049_00337_22936_0109.N1	20-JUL-2006 09:27:16	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22936	No
110	GOM_NL__2PRFIN20060720_093131_000000492049_00337_22936_0110.N1	20-JUL-2006 09:31:31	Straylight	48.500	148	Alp Tuc	2.8780	4100.0	97	22936	No
111	GOM_NL__2PRFIN20060720_093513_000000412049_00337_22936_0111.N1	20-JUL-2006 09:35:13	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22936	No
112	GOM_NL__2PRFIN20060720_094306_000000412049_00337_22936_0112.N1	20-JUL-2006 09:43:06	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	22936	No
113	GOM_NL__2PRFIN20060720_094501_000000392049_00337_22936_0113.N1	20-JUL-2006 09:45:01	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22936	No
114	GOM_NL__2PRFIN20060720_094622_000000382049_00337_22936_0114.N1	20-JUL-2006 09:46:22	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22936	No
115	GOM_NL__2PRFIN20060720_095418_000000362049_00337_22936_0115.N1	20-JUL-2006 09:54:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22936	No
116	GOM_NL__2PRFIN20060720_100346_000000412049_00337_22936_0116.N1	20-JUL-2006 10:03:46	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	22936	No
117	GOM_NL__2PRFIN20060720_100715_000000382049_00337_22936_0117.N1	20-JUL-2006 10:07:15	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22936	No
118	GOM_NL__2PRFIN20060720_101042_000000352049_00337_22936_0118.N1	20-JUL-2006 10:10:42	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	22936	No
119	GOM_NL__2PRFIN20060720_101456_000000332049_00337_22936_0119.N1	20-JUL-2006 10:14:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22936	No
120	GOM_NL__2PRFIN20060720_101816_000000372049_00337_22936_0120.N1	20-JUL-2006 10:18:16	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	22936	No
121	GOM_NL__2PRFIN20060720_103046_000000372049_00337_22936_0121.N1	20-JUL-2006 10:30:46	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	22936	No
122	GOM_NL__2PRFIN20060720_103438_000000542049_00337_22936_0122.N1	20-JUL-2006 10:34:38	Bright	54.000	114	3lot Aur	2.6930	4600.0	108	22936	No
123	GOM_NL__2PRFIN20060720_103948_000000402049_00337_22936_0123.N1	20-JUL-2006 10:39:48	Twilight	40.000	13	87Alp Tau	0.86700	3800.0	80	22936	No
124	GOM_NL__2PRFIN20060720_104352_000000352049_00337_22936_0124.N1	20-JUL-2006 10:43:52	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22936	No
125	GOM_NL__2PRFIN20060720_104606_000000482049_00337_22936_0125.N1	20-JUL-2006 10:46:06	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	22936	No
126	GOM_NL__2PRFIN20060720_105840_000000432049_00337_22936_0126.N1	20-JUL-2006 10:58:40	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22936	No
127	GOM_NL__2PRFIN20060720_110443_000000422049_00338_22937_0108.N1	20-JUL-2006 11:04:43	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22937	No
128	GOM_NL__2PRFIN20060720_110752_000000372049_00338_22937_0109.N1	20-JUL-2006 11:07:52	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22937	No
129	GOM_NL__2PRFIN20060720_111207_000000412049_00338_22937_0110.N1	20-JUL-2006 11:12:07	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22937	No
130	GOM_NL__2PRFIN20060720_111549_000000402049_00338_22937_0111.N1	20-JUL-2006 11:15:49	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22937	No
131	GOM_NL__2PRFIN20060720_112342_000000392049_00338_22937_0112.N1	20-JUL-2006 11:23:42	Tw_and_stray	38.500	38	20Eps Sgr	1.8360	11000.	77	22937	No
132	GOM_NL__2PRFIN20060720_112537_000000392049_00338_22937_0113.N1	20-JUL-2006 11:25:37	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22937	No
133	GOM_NL__2PRFIN20060720_112658_000000372049_00338_22937_0114.N1	20-JUL-2006 11:26:58	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	22937	No
134	GOM_NL__2PRFIN20060720_113500_000000312049_00338_22937_0115.N1	20-JUL-2006 11:35:00	Bright	30.500	126	60Bet Oph	2.7700	4250.0	61	22937	No
135	GOM_NL__2PRFIN20060720_114422_000000392049_00338_22937_0116.N1	20-JUL-2006 11:44:22	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22937	No
136	GOM_NL__2PRFIN20060720_114751_000000402049_00338_22937_0117.N1	20-JUL-2006 11:47:51	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	22937	No
137	GOM_NL__2PRFIN20060720_115118_000000352049_00338_22937_0118.N1	20-JUL-2006 11:51:18	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22937	No
138	GOM_NL__2PRFIN20060720_115532_000000362049_00338_22937_0119.N1	20-JUL-2006 11:55:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22937	No
139	GOM_NL__2PRFIN20060720_115852_000000362049_00338_22937_0120.N1	20-JUL-2006 11:58:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22937	No
140	GOM_NL__2PRFIN20060720_121122_000000532049_00338_22937_0121.N1	20-JUL-2006 12:11:22	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22937	No
141	GOM_NL__2PRFIN20060720_121514_000000542049_00338_22937_0122.N1	20-JUL-2006 12:15:14	Bright	54.000	114	3lot Aur	2.6930	4600.0	108	22937	No
142	GOM_NL__2PRFIN20060720_122024_000000512049_00338_22937_0123.N1	20-JUL-2006 12:20:24	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	22937	No
143	GOM_NL__2PRFIN20060720_122428_000000372049_00338_22937_0124.N1	20-JUL-2006 12:24:28	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	22937	No
144	GOM_NL__2PRFIN20060720_122643_000000452049_00338_22937_0125.N1	20-JUL-2006 12:26:43	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	22937	No
145	GOM_NL__2PRFIN20060720_123917_000000432049_00338_22937_0126.N1	20-JUL-2006 12:39:17	Dark	43.000	157	The1Eri	2.9060	9300.0	86	22937	No
146	GOM_NL__2PRFIN20060720_124520_000000422049_00339_22938_0108.N1	20-JUL-2006 12:45:20	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22938	No
147	GOM_NL__2PRFIN20060720_124828_000000372049_00339_22938_0109.N1	20-JUL-2006 12:48:28	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22938	No
148	GOM_NL__2PRFIN20060720_125244_000000422049_00339_22938_0110.N1	20-JUL-2006 12:52:44	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22938	No
149	GOM_NL__2PRFIN20060720_125626_000000402049_00339_22938_0111.N1	20-JUL-2006 12:56:26	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22938	No
150	GOM_NL__2PRFIN20060720_130419_000000412049_00339_22938_0112.N1	20-JUL-2006 13:04:19	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22938	No
151	GOM_NL__2PRFIN20060720_130613_000000392049_00339_22938_0113.N1	20-JUL-2006 13:06:13	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22938	No
152	GOM_NL__2PRFIN20060720_130734_000000392049_00339_22938_0114.N1	20-JUL-2006 13:07:34	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22938	No
153	GOM_NL__2PRFIN20060720_131754_000000262049_00339_22938_0115.N1	20-JUL-2006 13:17:54	Tw_and_stray	26.000	168	17Zet Aql	2.9860	11000.	52	22938	No
154	GOM_NL__2PRFIN20060720_132458_000000392049_00339_22938_0116.N1	20-JUL-2006 13:24:58	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	22938	No
155	GOM_NL__2PRFIN20060720_132827_000000522049_00339_22938_0117.N1	20-JUL-2006 13:28:27	Bright	52.000	69	33Gam Dra	2.2310	3800.0	104	22938	No
156	GOM_NL__2PRFIN20060720_133155_000000362049_00339_22938_0118.N1	20-JUL-2006 13:31:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22938	No
157	GOM_NL__2PRFIN20060720_133609_000000372049_00339_22938_0119.N1	20-JUL-2006 13:36:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22938	No
158	GOM_NL__2PRFIN20060720_133928_000000332049_00339_22938_0120.N1	20-JUL-2006 13:39:28	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	22938	No
159	GOM_NL__2PRFIN20060720_135158_000000402049_00339_22938_0121.N1	20-JUL-2006 13:51:58	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	22938	No
160	GOM_NL__2PRFIN20060720_135550_000000402049_00339_22938_0122.N1	20-JUL-2006 13:55:50	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22938	No

220	GOM_NL__2PRFIN20060720_190908_000000392049_00342_22941_0145.N1	20-JUL-2006 19:09:08	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22941	No
221	GOM_NL__2PRFIN20060720_192144_000000342049_00342_22941_0146.N1	20-JUL-2006 19:21:44	Dark	34.000	157	The1Eri	2.9060	9300.0	68	22941	No
222	GOM_NL__2PRFIN20060720_192746_000000432049_00343_22942_0128.N1	20-JUL-2006 19:27:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22942	No
223	GOM_NL__2PRFIN20060720_193053_000000372049_00343_22942_0129.N1	20-JUL-2006 19:30:53	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22942	No
224	GOM_NL__2PRFIN20060720_193510_000000432049_00343_22942_0130.N1	20-JUL-2006 19:35:10	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22942	No
225	GOM_NL__2PRFIN20060720_193851_000000392049_00343_22942_0131.N1	20-JUL-2006 19:38:51	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22942	No
226	GOM_NL__2PRFIN20060720_194643_000000382049_00343_22942_0132.N1	20-JUL-2006 19:46:43	Bright	37.500	38	20Eps Sgr	1.8360	11000.	75	22942	No
227	GOM_NL__2PRFIN20060720_194837_000000392049_00343_22942_0133.N1	20-JUL-2006 19:48:37	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22942	No
228	GOM_NL__2PRFIN20060720_194958_000000392049_00343_22942_0134.N1	20-JUL-2006 19:49:58	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22942	No
229	GOM_NL__2PRFIN20060720_200017_000000372049_00343_22942_0135.N1	20-JUL-2006 20:00:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22942	No
230	GOM_NL__2PRFIN20060720_200721_000000382049_00343_22942_0136.N1	20-JUL-2006 20:07:21	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	22942	No
231	GOM_NL__2PRFIN20060720_201051_000000342049_00343_22942_0137.N1	20-JUL-2006 20:10:51	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22942	No
232	GOM_NL__2PRFIN20060720_201419_000000362049_00343_22942_0138.N1	20-JUL-2006 20:14:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22942	No
233	GOM_NL__2PRFIN20060720_201833_000000372049_00343_22942_0139.N1	20-JUL-2006 20:18:33	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22942	No
234	GOM_NL__2PRFIN20060720_202152_000000362049_00343_22942_0140.N1	20-JUL-2006 20:21:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22942	No
235	GOM_NL__2PRFIN20060720_203423_000000532049_00343_22942_0141.N1	20-JUL-2006 20:34:23	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22942	No
236	GOM_NL__2PRFIN20060720_203814_000000382049_00343_22942_0142.N1	20-JUL-2006 20:38:14	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22942	No
237	GOM_NL__2PRFIN20060720_204325_000000462049_00343_22942_0143.N1	20-JUL-2006 20:43:25	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	22942	No
238	GOM_NL__2PRFIN20060720_204729_000000362049_00343_22942_0144.N1	20-JUL-2006 20:47:29	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22942	No
239	GOM_NL__2PRFIN20060720_204944_000000402049_00343_22942_0145.N1	20-JUL-2006 20:49:44	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22942	No
240	GOM_NL__2PRFIN20060720_210220_000000272049_00343_22942_0146.N1	20-JUL-2006 21:02:20	Dark	27.000	157	The1Eri	2.9060	9300.0	54	22942	No
241	GOM_NL__2PRFIN20060720_210823_000000472049_00344_22943_0128.N1	20-JUL-2006 21:08:23	Dark	47.000	9	Alp Eri	0.45300	24000.	94	22943	No
242	GOM_NL__2PRFIN20060720_211129_000000382049_00344_22943_0129.N1	20-JUL-2006 21:11:29	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22943	No
243	GOM_NL__2PRFIN20060720_211546_000000432049_00344_22943_0130.N1	20-JUL-2006 21:15:46	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22943	No
244	GOM_NL__2PRFIN20060720_211927_000000402049_00344_22943_0131.N1	20-JUL-2006 21:19:27	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22943	No
245	GOM_NL__2PRFIN20060720_212719_000000412049_00344_22943_0132.N1	20-JUL-2006 21:27:19	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22943	No
246	GOM_NL__2PRFIN20060720_212913_000000382049_00344_22943_0133.N1	20-JUL-2006 21:29:13	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22943	No
247	GOM_NL__2PRFIN20060720_213034_000000382049_00344_22943_0134.N1	20-JUL-2006 21:30:34	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22943	No
248	GOM_NL__2PRFIN20060720_214053_000000362049_00344_22943_0135.N1	20-JUL-2006 21:40:53	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	22943	No
249	GOM_NL__2PRFIN20060720_214757_000000342049_00344_22943_0136.N1	20-JUL-2006 21:47:57	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	22943	No
250	GOM_NL__2PRFIN20060720_215127_000000392049_00344_22943_0137.N1	20-JUL-2006 21:51:27	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22943	No
251	GOM_NL__2PRFIN20060720_215456_000000372049_00344_22943_0138.N1	20-JUL-2006 21:54:56	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22943	No
252	GOM_NL__2PRFIN20060720_215910_000000342049_00344_22943_0139.N1	20-JUL-2006 21:59:10	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22943	No
253	GOM_NL__2PRFIN20060720_220228_000000362049_00344_22943_0140.N1	20-JUL-2006 22:02:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22943	No
254	GOM_NL__2PRFIN20060720_221458_000000412049_00344_22943_0141.N1	20-JUL-2006 22:14:58	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	22943	No
255	GOM_NL__2PRFIN20060720_221850_000000392049_00344_22943_0142.N1	20-JUL-2006 22:18:50	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22943	No
256	GOM_NL__2PRFIN20060720_222401_000000492049_00344_22943_0143.N1	20-JUL-2006 22:24:01	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22943	No
257	GOM_NL__2PRFIN20060720_222806_000000362049_00344_22943_0144.N1	20-JUL-2006 22:28:06	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22943	No
258	GOM_NL__2PRFIN20060720_223020_000000442049_00344_22943_0145.N1	20-JUL-2006 22:30:20	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	22943	No
259	GOM_NL__2PRFIN20060720_224257_000000272049_00344_22943_0146.N1	20-JUL-2006 22:42:57	Dark	27.000	157	The1Eri	2.9060	9300.0	54	22943	No
260	GOM_NL__2PRFIN20060720_224900_000000432049_00345_22944_0128.N1	20-JUL-2006 22:49:00	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22944	No
261	GOM_NL__2PRFIN20060720_225205_000000372049_00345_22944_0129.N1	20-JUL-2006 22:52:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22944	No
262	GOM_NL__2PRFIN20060720_225623_000000412049_00345_22944_0130.N1	20-JUL-2006 22:56:23	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22944	No
263	GOM_NL__2PRFIN20060720_230003_000000452049_00345_22944_0131.N1	20-JUL-2006 23:00:03	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	22944	No
264	GOM_NL__2PRFIN20060720_230755_000000412049_00345_22944_0132.N1	20-JUL-2006 23:07:55	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22944	No
265	GOM_NL__2PRFIN20060720_230949_000000372049_00345_22944_0133.N1	20-JUL-2006 23:09:49	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	22944	No
266	GOM_NL__2PRFIN20060720_231110_000000382049_00345_22944_0134.N1	20-JUL-2006 23:11:10	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22944	No
267	GOM_NL__2PRFIN20060720_232129_000000372049_00345_22944_0135.N1	20-JUL-2006 23:21:29	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	22944	No
268	GOM_NL__2PRFIN20060720_232833_000000362049_00345_22944_0136.N1	20-JUL-2006 23:28:33	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	22944	No
269	GOM_NL__2PRFIN20060720_233203_000000372049_00345_22944_0137.N1	20-JUL-2006 23:32:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22944	No
270	GOM_NL__2PRFIN20060720_233532_000000332049_00345_22944_0138.N1	20-JUL-2006 23:35:32	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22944	No
271	GOM_NL__2PRFIN20060720_233946_000000362049_00345_22944_0139.N1	20-JUL-2006 23:39:46	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22944	No
272	GOM_NL__2PRFIN20060720_234303_000000362049_00345_22944_0140.N1	20-JUL-2006 23:43:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22944	No
273	GOM_NL__2PRFIN20060720_235534_000000402049_00345_22944_0141.N1	20-JUL-2006 23:55:34	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	22944	No
274	GOM_NL__2PRFIN20060720_235926_000000392049_00345_22944_0142.N1	20-JUL-2006 23:59:26	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22944	No

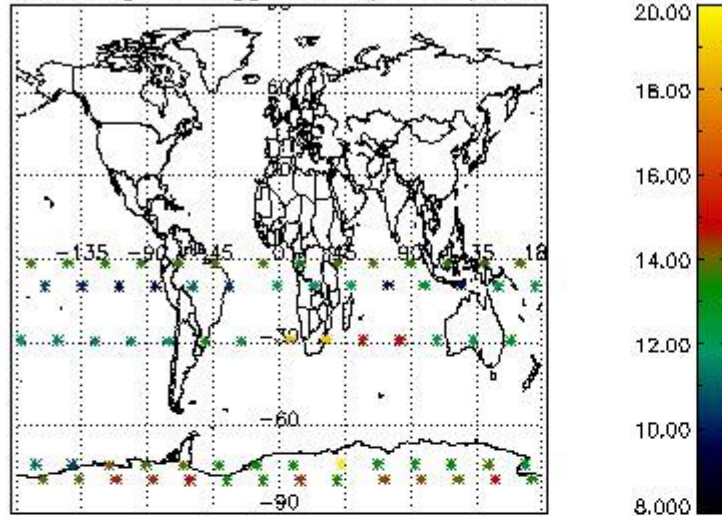
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

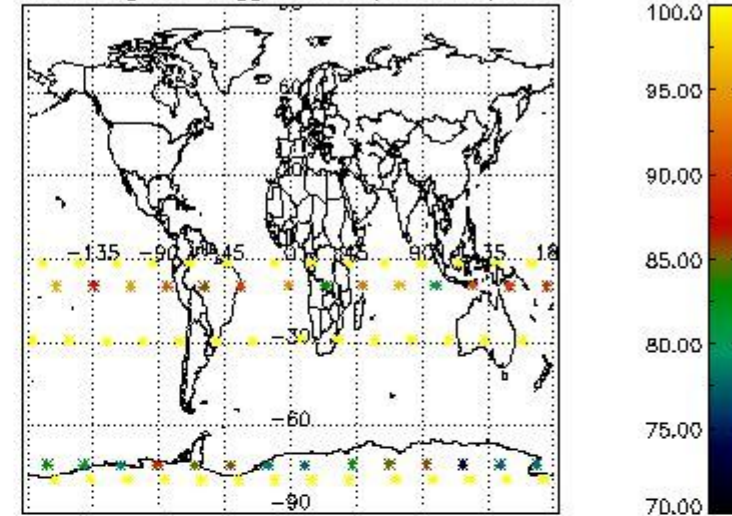


3.2 Plot quality information per product (world map)

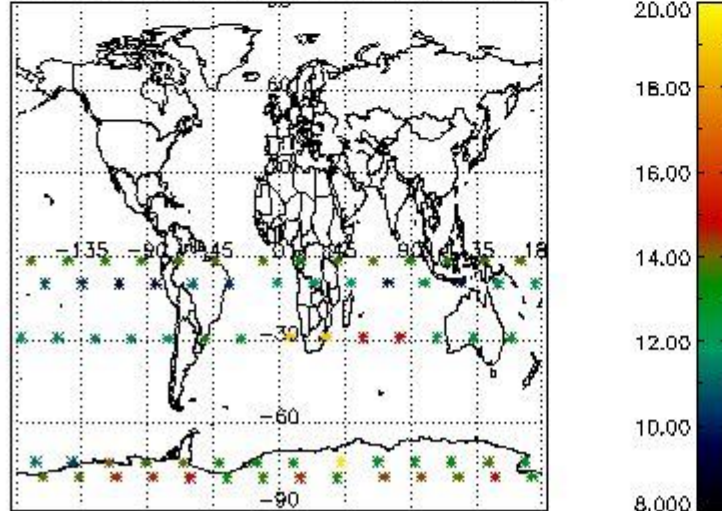
Percentage of flagged data per O3 profile



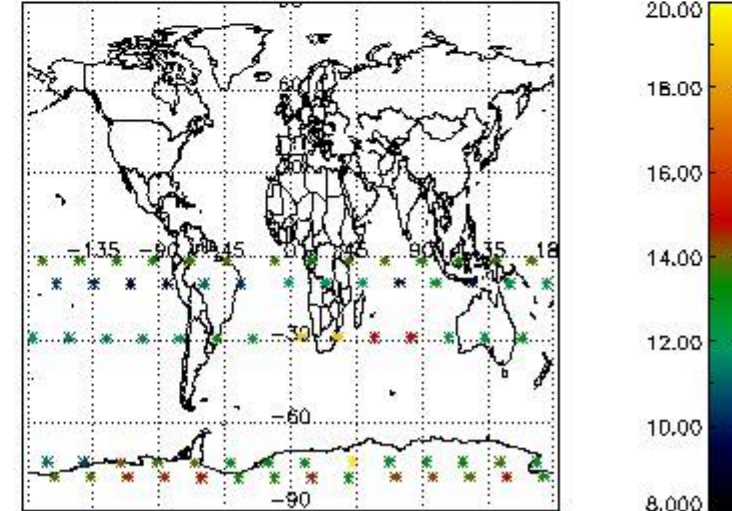
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

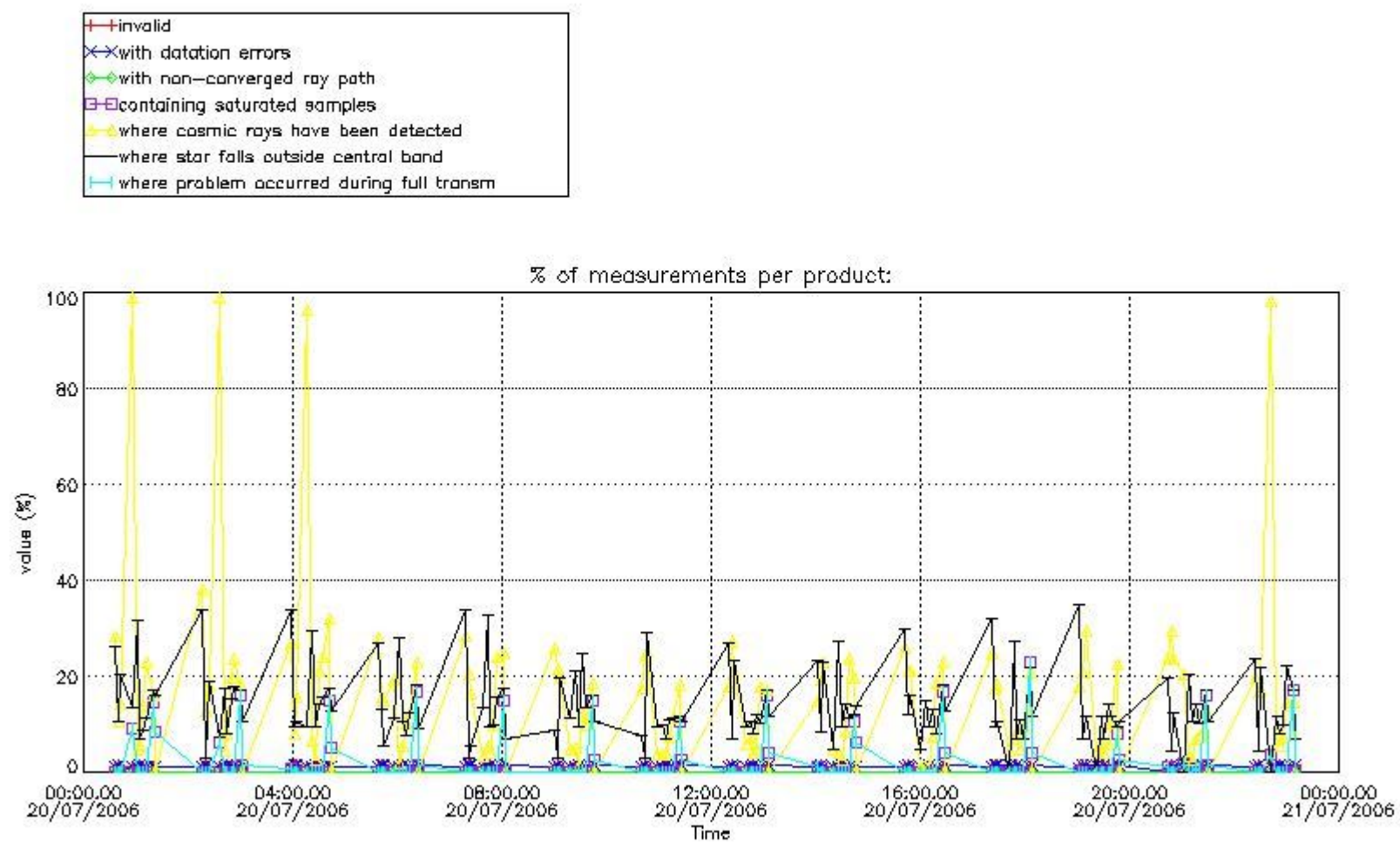


4. Level 1 quality information per product

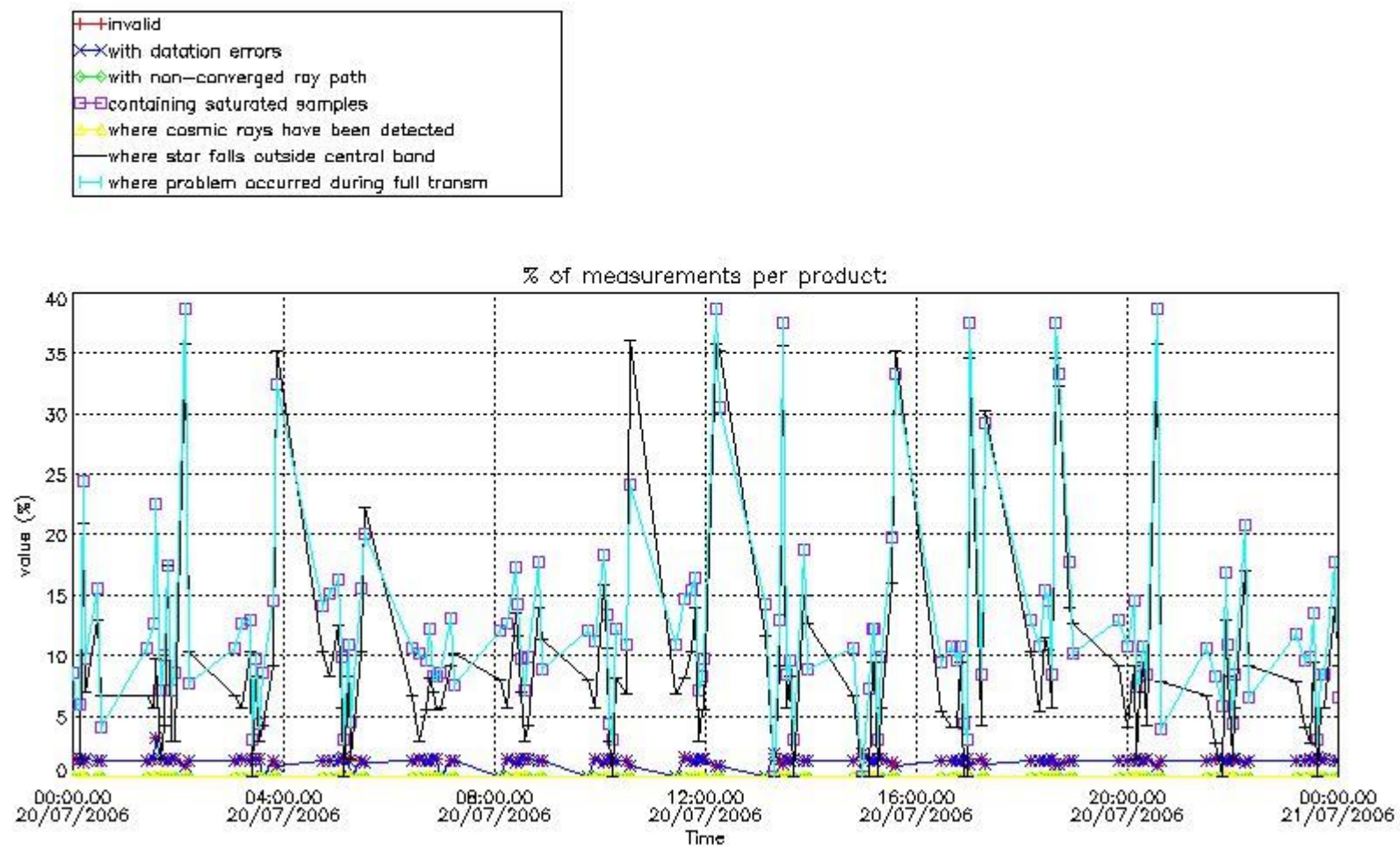
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

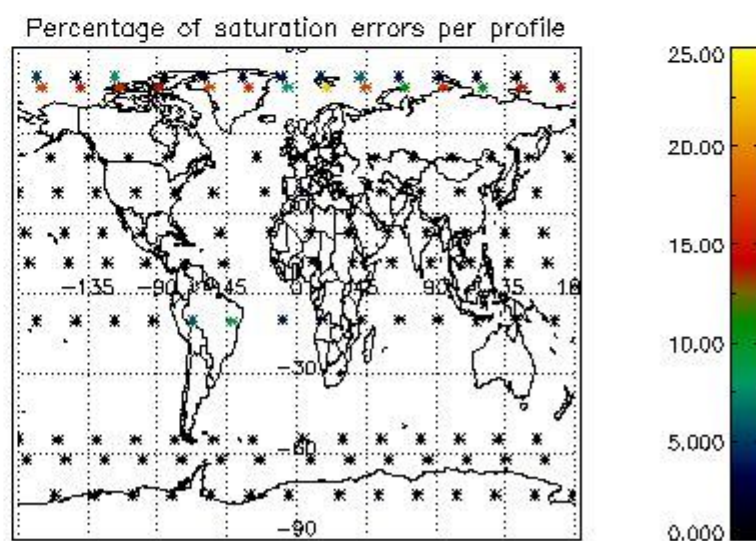
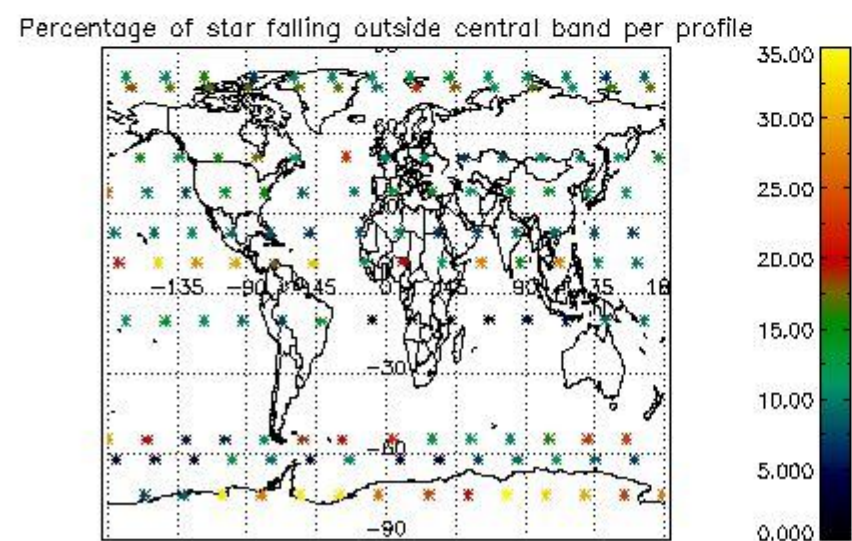
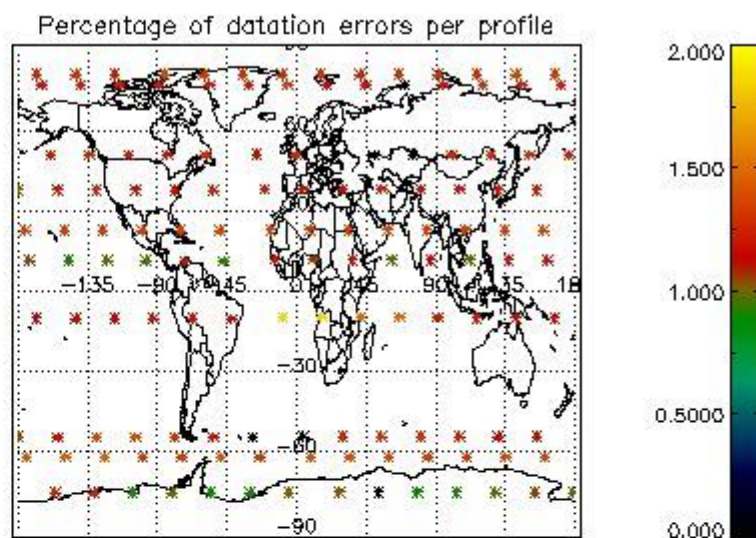
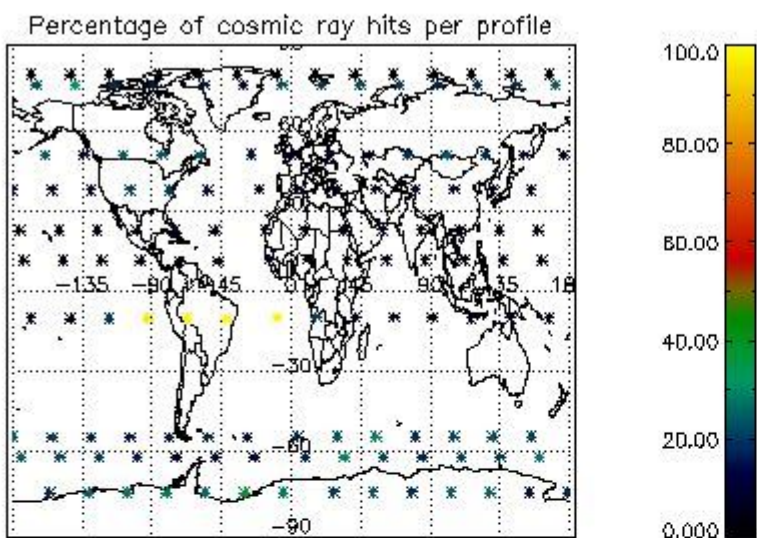


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

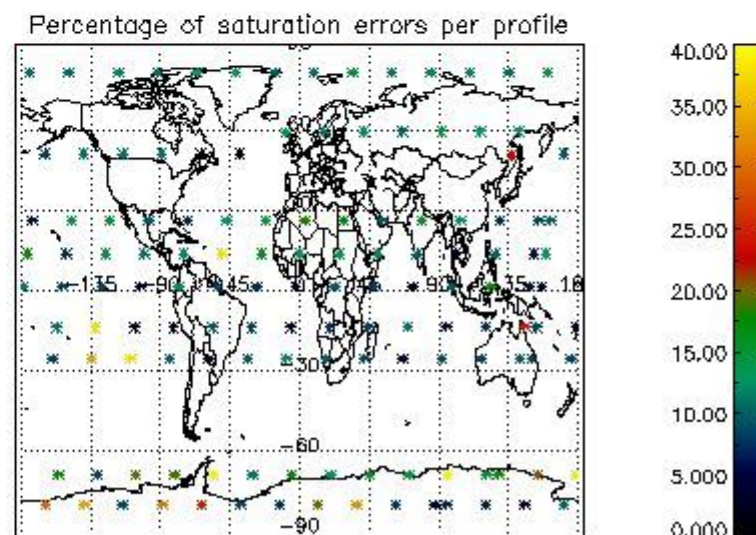
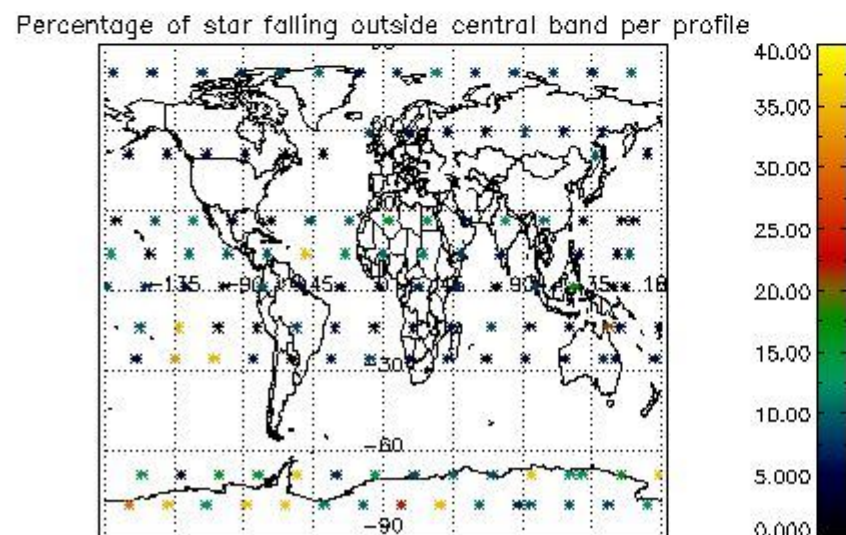
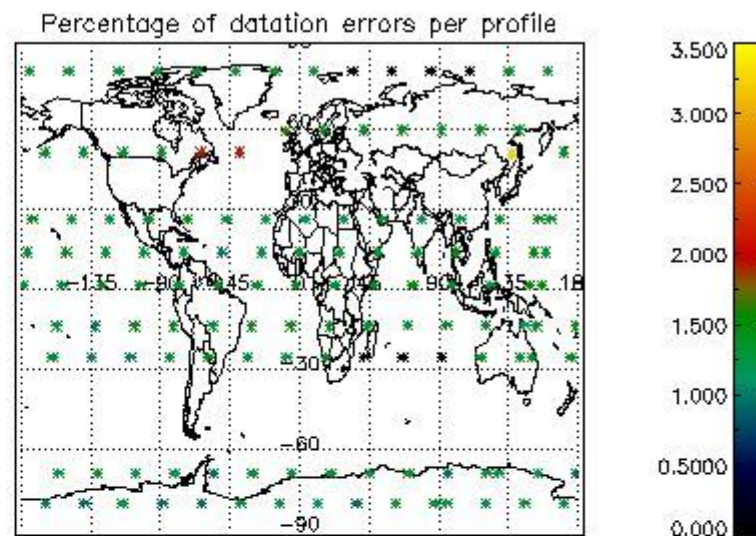
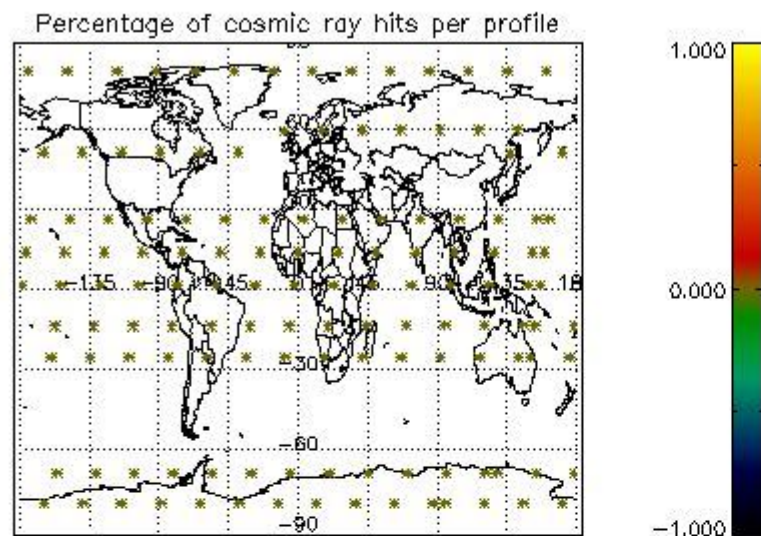


4.2 Plot quality information per product coming from level 1b processing (world map)

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

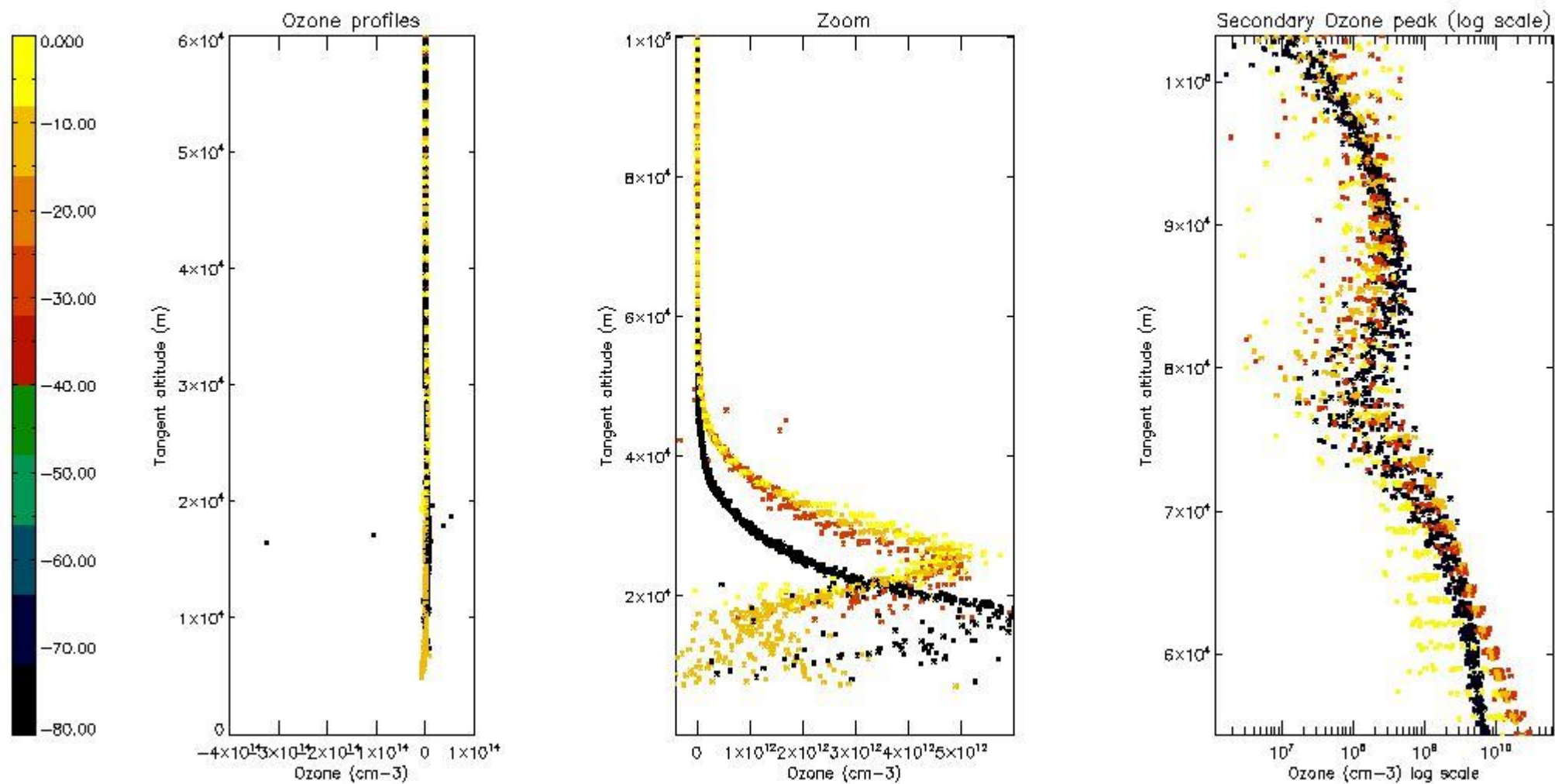
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	17

STD < 10	14
STD < 5	10

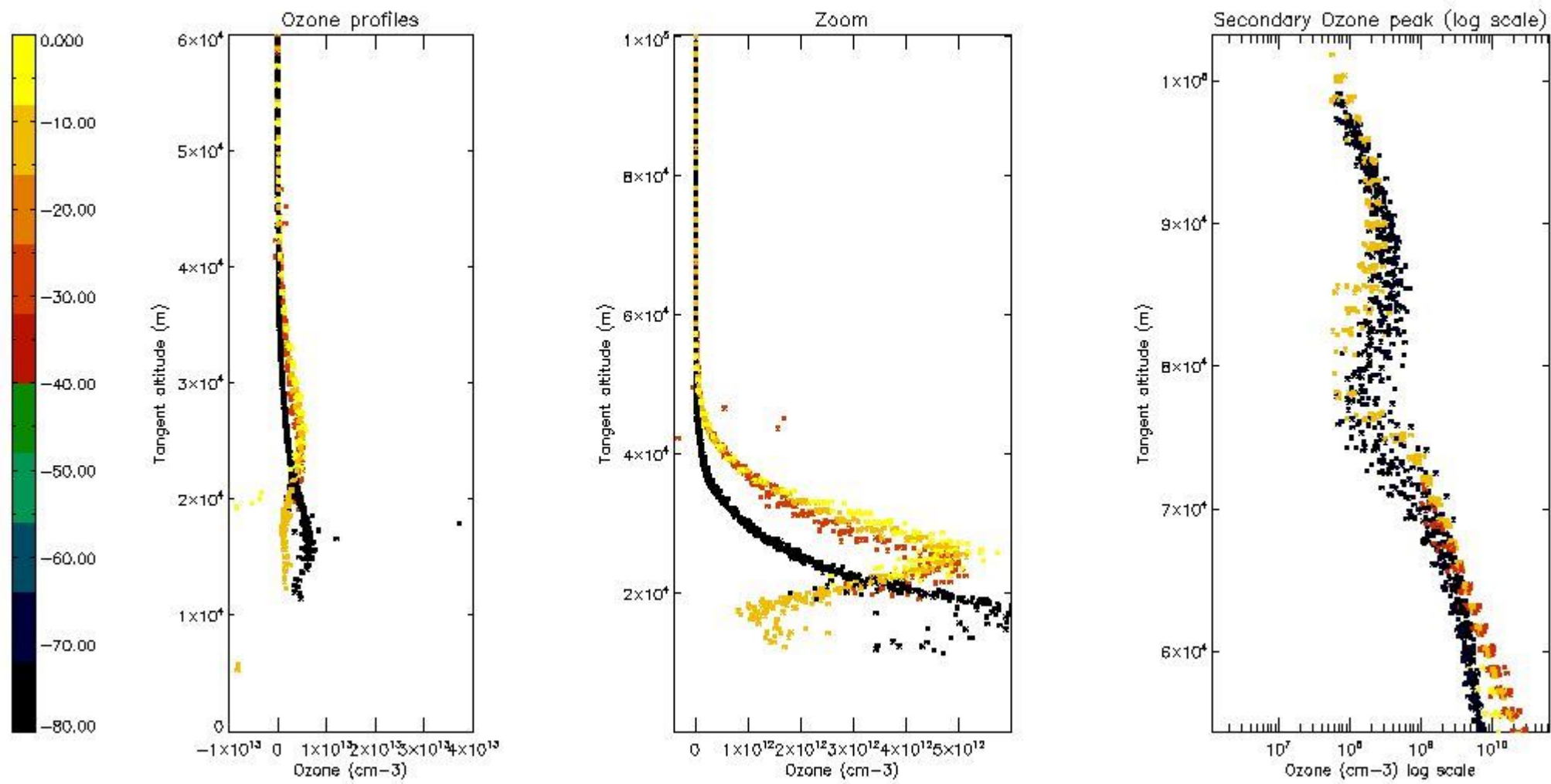
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



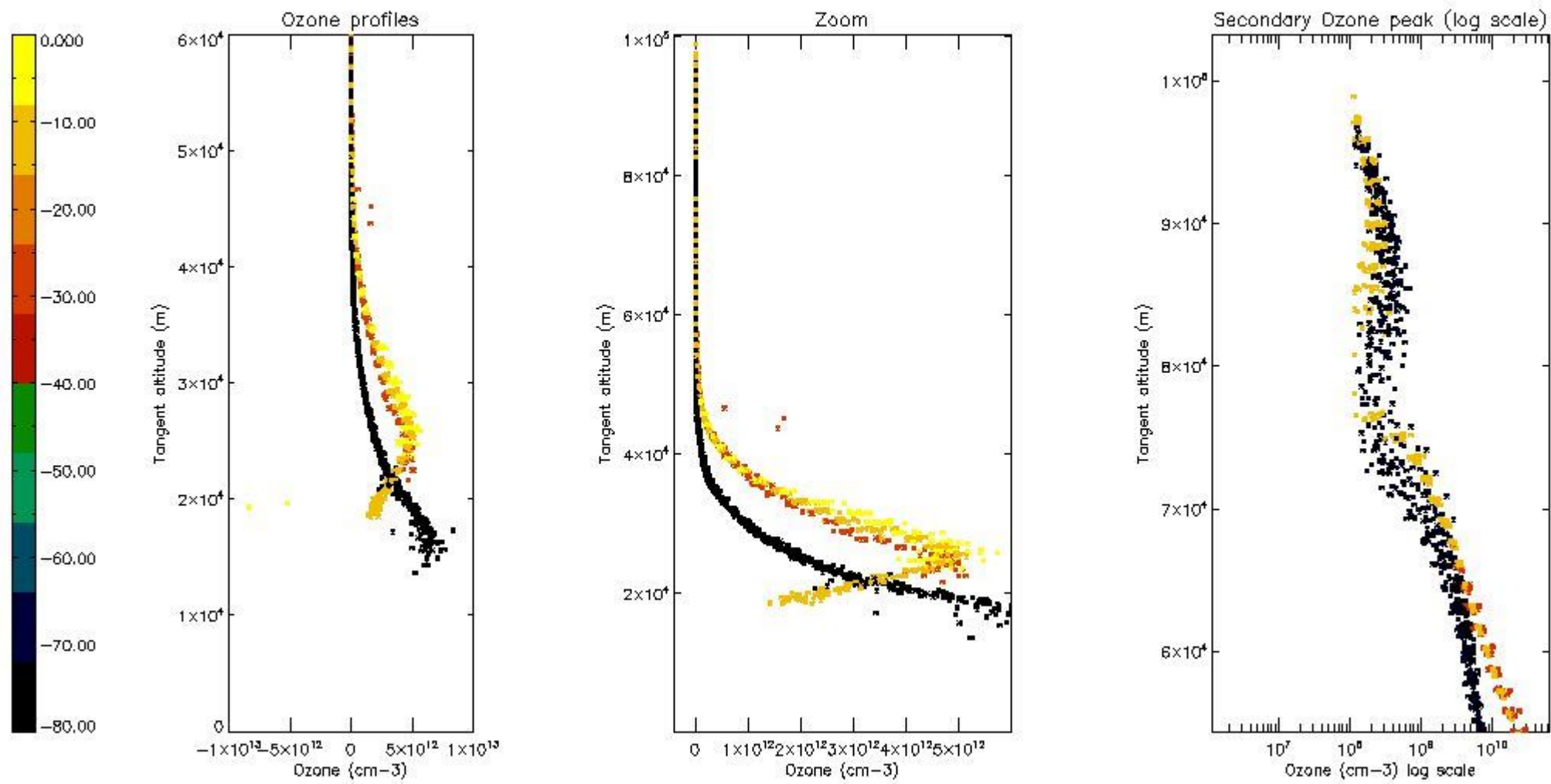
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



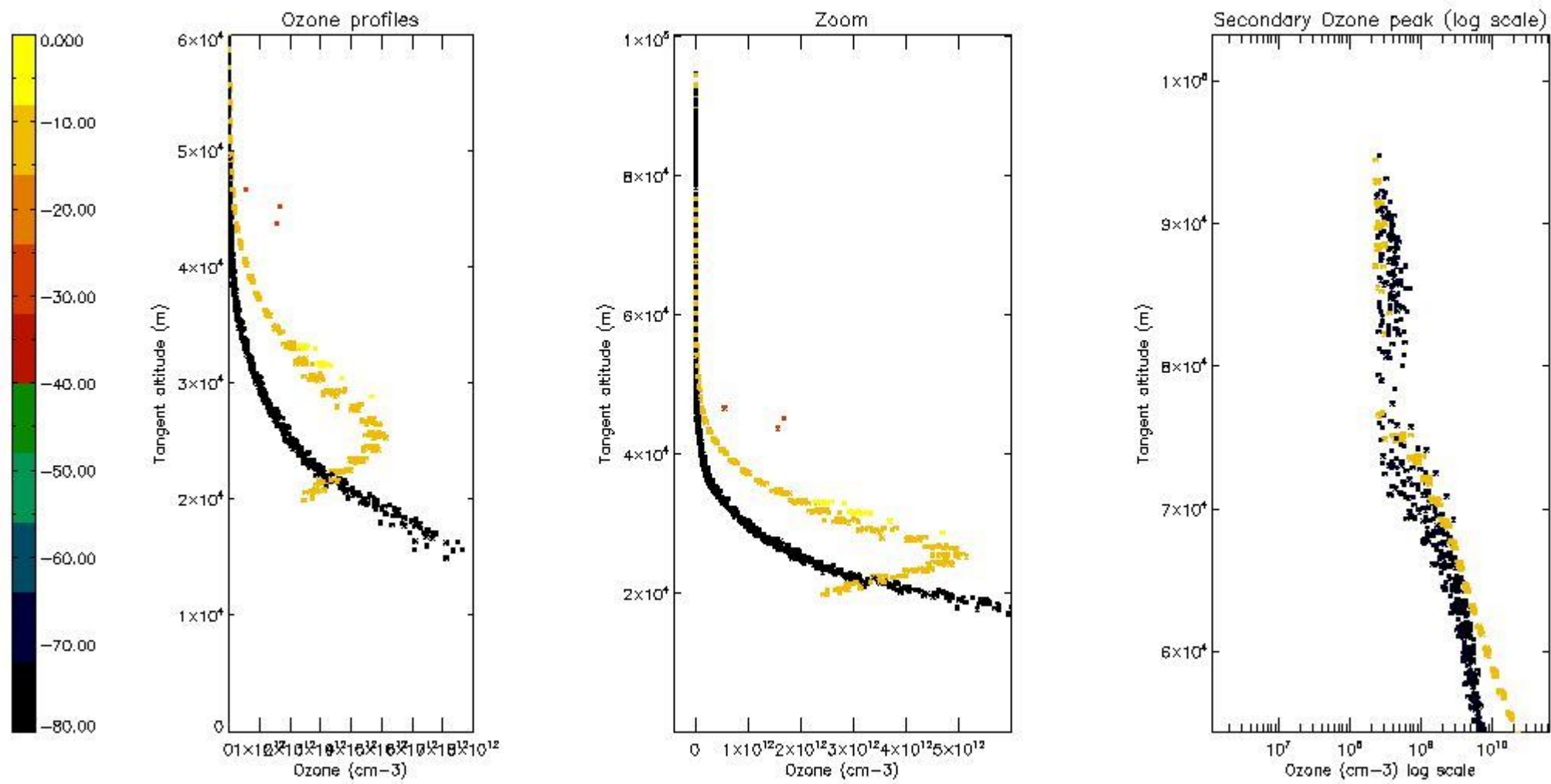
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



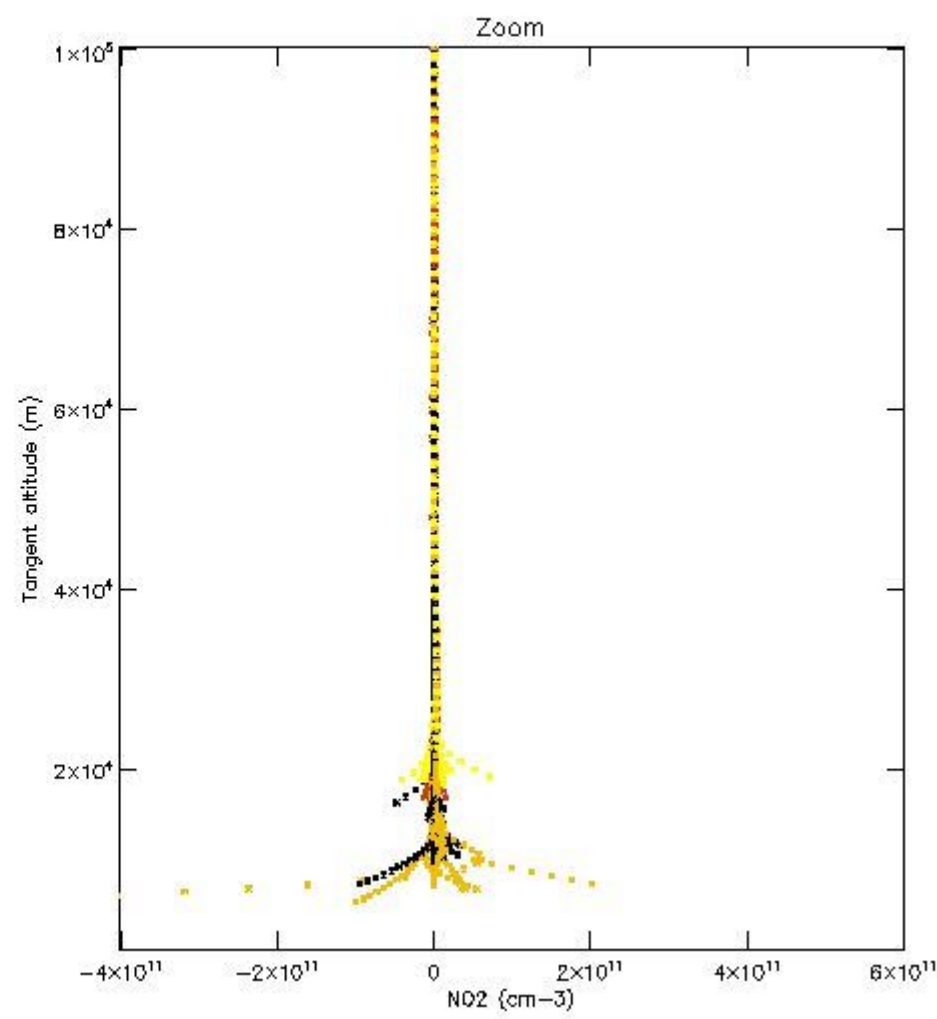
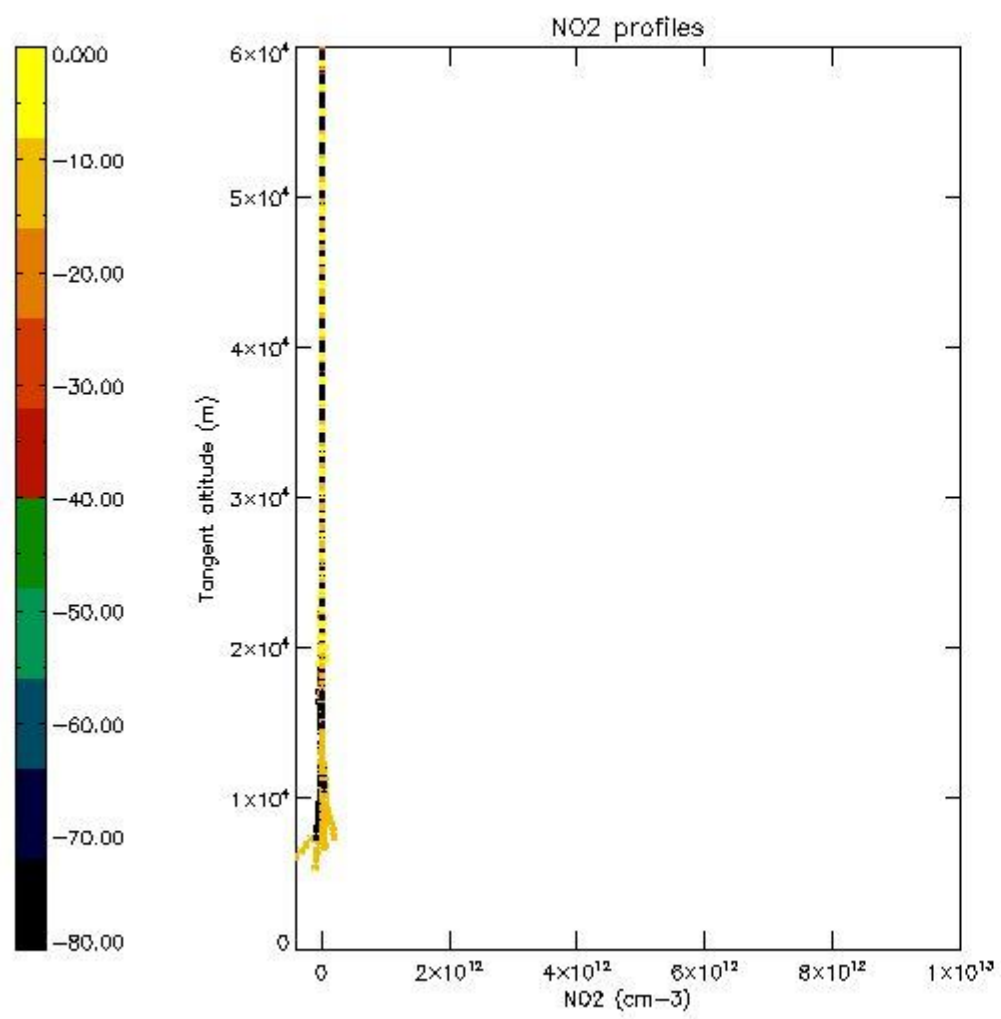
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



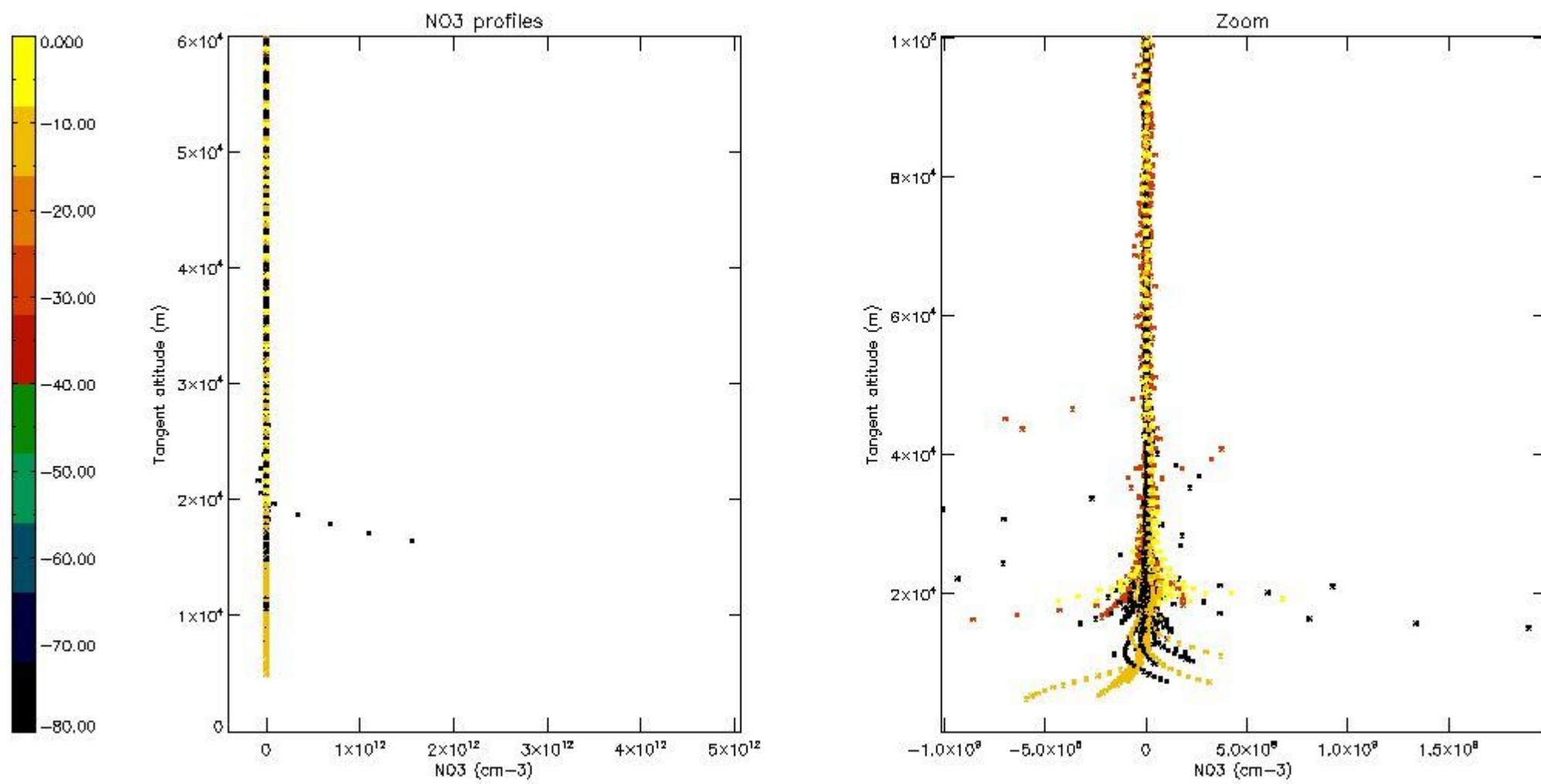
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



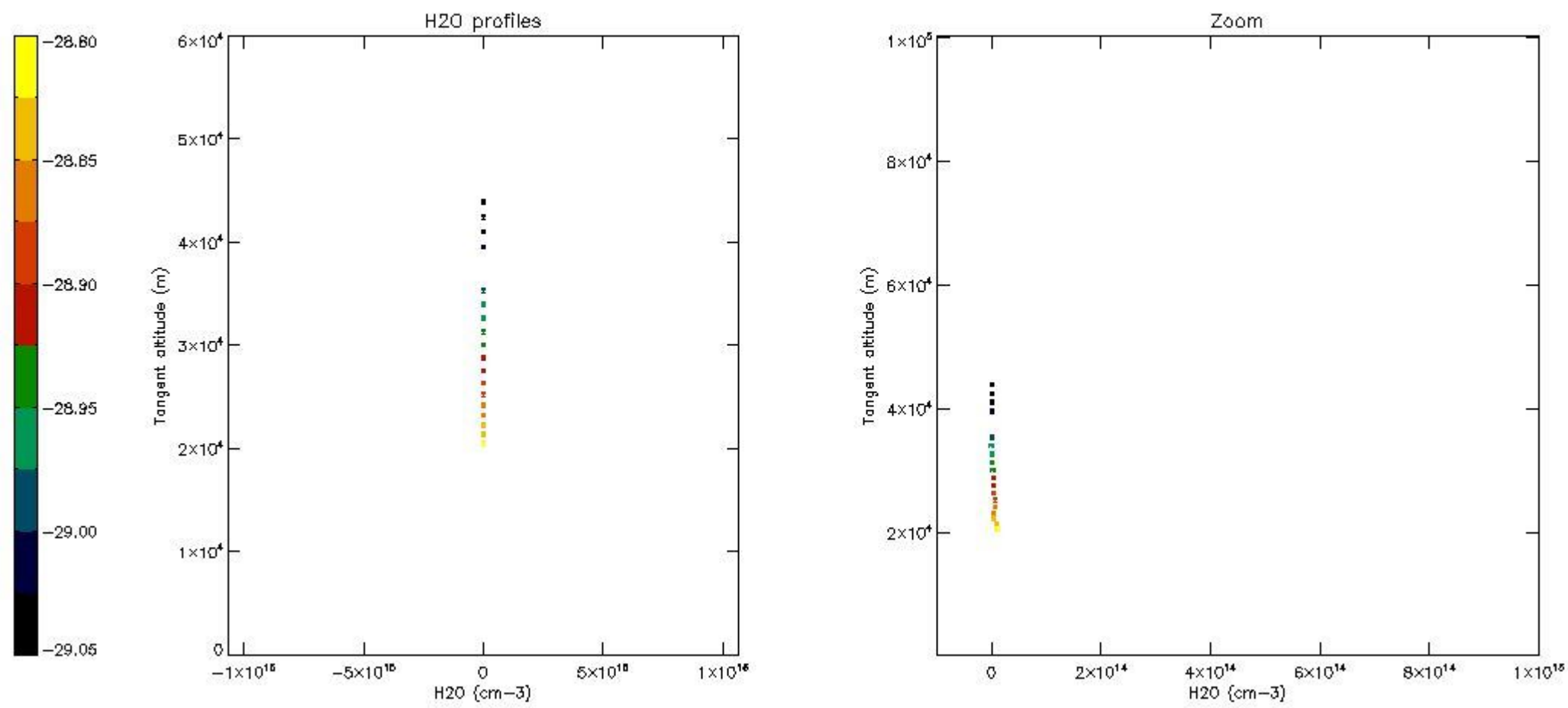
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 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	20-JUL-2006 00:00:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUL-2006 00:00:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUL-2006 00:00:11

GOMOS Level 2 Daily Report

SUMMARY

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[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

[4.1 Plot of level 1 quality information per product \(time dependant\)](#)

[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

[4.1.2 Plot of level 1 quality information per product \(time dependant\): DESCENDING](#)

[4.2 Plot of level 1 quality information per product \(world map\)](#)

[4.2.1 Plot of level 1 quality information per product \(world map\): ASCENDING](#)

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[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

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	24APR2013 02:07:06
Data source version	GOMOS/6.01
Start time of products	20-07-2006 (20JUL2006 00:00:00)
Stop time of products	21-07-2006 (21JUL2006 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__2PRFIN20060720_000011_000000352049_00331_22930_0117.N1	20-JUL-2006 00:00:11	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	22930	No
2	GOM_NL__2PRFIN20060720_000340_000000342049_00331_22930_0118.N1	20-JUL-2006 00:03:40	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	22930	No
3	GOM_NL__2PRFIN20060720_000705_000000342049_00331_22930_0119.N1	20-JUL-2006 00:07:05	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	22930	No
4	GOM_NL__2PRFIN20060720_001119_000000432049_00331_22930_0120.N1	20-JUL-2006 00:11:19	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	22930	No
5	GOM_NL__2PRFIN20060720_001441_000000362049_00331_22930_0121.N1	20-JUL-2006 00:14:41	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22930	No
6	GOM_NL__2PRFIN20060720_002710_000000392049_00331_22930_0122.N1	20-JUL-2006 00:27:10	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	22930	No
7	GOM_NL__2PRFIN20060720_003101_000000372049_00331_22930_0123.N1	20-JUL-2006 00:31:01	Bright	37.000	114	3lot Aur	2.6930	4600.0	74	22930	No
8	GOM_NL__2PRFIN20060720_003611_000000502049_00331_22930_0124.N1	20-JUL-2006 00:36:11	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	22930	No
9	GOM_NL__2PRFIN20060720_004016_000000382049_00331_22930_0125.N1	20-JUL-2006 00:40:16	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	22930	No
10	GOM_NL__2PRFIN20060720_004229_000000422049_00331_22930_0126.N1	20-JUL-2006 00:42:29	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	22930	No
11	GOM_NL__2PRFIN20060720_005500_000000452049_00331_22930_0127.N1	20-JUL-2006 00:55:00	Dark	44.500	157	The1Eri	2.9060	9300.0	89	22930	No
12	GOM_NL__2PRFIN20060720_010104_000000542049_00332_22931_0108.N1	20-JUL-2006 01:01:04	Dark	54.000	9	Alp Eri	0.45300	24000.	108	22931	No
13	GOM_NL__2PRFIN20060720_010415_000000372049_00332_22931_0109.N1	20-JUL-2006 01:04:15	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22931	No
14	GOM_NL__2PRFIN20060720_010829_000000402049_00332_22931_0110.N1	20-JUL-2006 01:08:29	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22931	No
15	GOM_NL__2PRFIN20060720_011212_000000402049_00332_22931_0111.N1	20-JUL-2006 01:12:12	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22931	No
16	GOM_NL__2PRFIN20060720_012006_000000412049_00332_22931_0112.N1	20-JUL-2006 01:20:06	Twilight	41.000	38	20Eps Sgr	1.8360	11000.	82	22931	No
17	GOM_NL__2PRFIN20060720_012200_000000412049_00332_22931_0113.N1	20-JUL-2006 01:22:00	Bright	41.000	57	34Sig Sgr	2.0660	26000.	82	22931	No
18	GOM_NL__2PRFIN20060720_012321_000000382049_00332_22931_0114.N1	20-JUL-2006 01:23:21	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22931	No
19	GOM_NL__2PRFIN20060720_013118_000000362049_00332_22931_0115.N1	20-JUL-2006 01:31:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22931	No
20	GOM_NL__2PRFIN20060720_013355_000000162049_00332_22931_0116.N1	20-JUL-2006 01:33:55	Bright	15.500	59	55Alp Oph	2.0800	8900.0	31	22931	No
21	GOM_NL__2PRFIN20060720_014047_000000352049_00332_22931_0117.N1	20-JUL-2006 01:40:47	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	22931	No
22	GOM_NL__2PRFIN20060720_014416_000000352049_00332_22931_0118.N1	20-JUL-2006 01:44:16	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22931	No
23	GOM_NL__2PRFIN20060720_014741_000000402049_00332_22931_0119.N1	20-JUL-2006 01:47:41	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22931	No
24	GOM_NL__2PRFIN20060720_015156_000000352049_00332_22931_0120.N1	20-JUL-2006 01:51:56	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22931	No
25	GOM_NL__2PRFIN20060720_015516_000000352049_00332_22931_0121.N1	20-JUL-2006 01:55:16	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22931	No
26	GOM_NL__2PRFIN20060720_020746_000000532049_00332_22931_0122.N1	20-JUL-2006 02:07:46	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22931	No
27	GOM_NL__2PRFIN20060720_021137_000000392049_00332_22931_0123.N1	20-JUL-2006 02:11:37	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	22931	No
28	GOM_NL__2PRFIN20060720_021647_000000552049_00332_22931_0124.N1	20-JUL-2006 02:16:47	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	22931	No
29	GOM_NL__2PRFIN20060720_022051_000000352049_00332_22931_0125.N1	20-JUL-2006 02:20:51	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22931	No
30	GOM_NL__2PRFIN20060720_022306_000000432049_00332_22931_0126.N1	20-JUL-2006 02:23:06	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22931	No
31	GOM_NL__2PRFIN20060720_023537_000000422049_00332_22931_0127.N1	20-JUL-2006 02:35:37	Dark	41.500	157	The1Eri	2.9060	9300.0	83	22931	No
32	GOM_NL__2PRFIN20060720_024141_000000462049_00333_22932_0108.N1	20-JUL-2006 02:41:41	Dark	45.500	9	Alp Eri	0.45300	24000.	91	22932	No
33	GOM_NL__2PRFIN20060720_024451_000000372049_00333_22932_0109.N1	20-JUL-2006 02:44:51	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22932	No
34	GOM_NL__2PRFIN20060720_024905_000000432049_00333_22932_0110.N1	20-JUL-2006 02:49:05	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	22932	No
35	GOM_NL__2PRFIN20060720_025248_000000432049_00333_22932_0111.N1	20-JUL-2006 02:52:48	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22932	No
36	GOM_NL__2PRFIN20060720_030042_000000412049_00333_22932_0112.N1	20-JUL-2006 03:00:42	Twilight	41.000	38	20Eps Sgr	1.8360	11000.	82	22932	No
37	GOM_NL__2PRFIN20060720_030236_000000392049_00333_22932_0113.N1	20-JUL-2006 03:02:36	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22932	No
38	GOM_NL__2PRFIN20060720_030357_000000382049_00333_22932_0114.N1	20-JUL-2006 03:03:57	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22932	No
39	GOM_NL__2PRFIN20060720_031154_000000362049_00333_22932_0115.N1	20-JUL-2006 03:11:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22932	No
40	GOM_NL__2PRFIN20060720_032123_000000392049_00333_22932_0116.N1	20-JUL-2006 03:21:23	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	22932	No
41	GOM_NL__2PRFIN20060720_032452_000000332049_00333_22932_0117.N1	20-JUL-2006 03:24:52	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	22932	No
42	GOM_NL__2PRFIN20060720_032818_000000362049_00333_22932_0118.N1	20-JUL-2006 03:28:18	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22932	No

43	GOM_NL__2PRFIN20060720_033232_000000342049_00333_22932_0119.N1	20-JUL-2006 03:32:32	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22932	No
44	GOM_NL__2PRFIN20060720_033552_000000352049_00333_22932_0120.N1	20-JUL-2006 03:35:52	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22932	No
45	GOM_NL__2PRFIN20060720_034822_000000382049_00333_22932_0121.N1	20-JUL-2006 03:48:22	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22932	No
46	GOM_NL__2PRFIN20060720_035214_000000542049_00333_22932_0122.N1	20-JUL-2006 03:52:14	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	22932	No
47	GOM_NL__2PRFIN20060720_035723_000000562049_00333_22932_0123.N1	20-JUL-2006 03:57:23	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22932	No
48	GOM_NL__2PRFIN20060720_040128_000000382049_00333_22932_0124.N1	20-JUL-2006 04:01:28	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22932	No
49	GOM_NL__2PRFIN20060720_040342_000000392049_00333_22932_0125.N1	20-JUL-2006 04:03:42	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22932	No
50	GOM_NL__2PRFIN20060720_041613_000000432049_00333_22932_0126.N1	20-JUL-2006 04:16:13	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22932	No
51	GOM_NL__2PRFIN20060720_042217_000000532049_00334_22933_0108.N1	20-JUL-2006 04:22:17	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22933	No
52	GOM_NL__2PRFIN20060720_042527_000000382049_00334_22933_0109.N1	20-JUL-2006 04:25:27	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22933	No
53	GOM_NL__2PRFIN20060720_042942_000000432049_00334_22933_0110.N1	20-JUL-2006 04:29:42	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22933	No
54	GOM_NL__2PRFIN20060720_043324_000000422049_00334_22933_0111.N1	20-JUL-2006 04:33:24	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22933	No
55	GOM_NL__2PRFIN20060720_044118_000000412049_00334_22933_0112.N1	20-JUL-2006 04:41:18	Tw_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22933	No
56	GOM_NL__2PRFIN20060720_044312_000000402049_00334_22933_0113.N1	20-JUL-2006 04:43:12	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	22933	No
57	GOM_NL__2PRFIN20060720_044433_000000392049_00334_22933_0114.N1	20-JUL-2006 04:44:33	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	22933	No
58	GOM_NL__2PRFIN20060720_045230_000000372049_00334_22933_0115.N1	20-JUL-2006 04:52:30	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22933	No
59	GOM_NL__2PRFIN20060720_050159_000000402049_00334_22933_0116.N1	20-JUL-2006 05:01:59	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	22933	No
60	GOM_NL__2PRFIN20060720_050528_000000362049_00334_22933_0117.N1	20-JUL-2006 05:05:28	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	22933	No
61	GOM_NL__2PRFIN20060720_050854_000000332049_00334_22933_0118.N1	20-JUL-2006 05:08:54	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22933	No
62	GOM_NL__2PRFIN20060720_051308_000000372049_00334_22933_0119.N1	20-JUL-2006 05:13:08	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22933	No
63	GOM_NL__2PRFIN20060720_051628_000000332049_00334_22933_0120.N1	20-JUL-2006 05:16:28	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	22933	No
64	GOM_NL__2PRFIN20060720_052858_000000392049_00334_22933_0121.N1	20-JUL-2006 05:28:58	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	22933	No
65	GOM_NL__2PRFIN20060720_053250_000000452049_00334_22933_0122.N1	20-JUL-2006 05:32:50	Bright	45.000	114	3Iot Aur	2.6930	4600.0	90	22933	No
66	GOM_NL__2PRFIN20060720_053759_000000502049_00334_22933_0123.N1	20-JUL-2006 05:37:59	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	22933	No
67	GOM_NL__2PRFIN20060720_054204_000000382049_00334_22933_0124.N1	20-JUL-2006 05:42:04	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	22933	No
68	GOM_NL__2PRFIN20060720_054418_000000372049_00334_22933_0125.N1	20-JUL-2006 05:44:18	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22933	No
69	GOM_NL__2PRFIN20060720_055650_000000442049_00334_22933_0126.N1	20-JUL-2006 05:56:50	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22933	No
70	GOM_NL__2PRFIN20060720_060254_000000522049_00335_22934_0108.N1	20-JUL-2006 06:02:54	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22934	No
71	GOM_NL__2PRFIN20060720_060604_000000382049_00335_22934_0109.N1	20-JUL-2006 06:06:04	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22934	No
72	GOM_NL__2PRFIN20060720_061018_000000402049_00335_22934_0110.N1	20-JUL-2006 06:10:18	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	22934	No
73	GOM_NL__2PRFIN20060720_061401_000000402049_00335_22934_0111.N1	20-JUL-2006 06:14:01	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22934	No
74	GOM_NL__2PRFIN20060720_062154_000000422049_00335_22934_0112.N1	20-JUL-2006 06:21:54	Bright	41.500	38	20Eps Sgr	1.8360	11000.	83	22934	No
75	GOM_NL__2PRFIN20060720_062348_000000382049_00335_22934_0113.N1	20-JUL-2006 06:23:48	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22934	No
76	GOM_NL__2PRFIN20060720_062509_000000382049_00335_22934_0114.N1	20-JUL-2006 06:25:09	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22934	No
77	GOM_NL__2PRFIN20060720_063306_000000352049_00335_22934_0115.N1	20-JUL-2006 06:33:06	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22934	No
78	GOM_NL__2PRFIN20060720_064235_000000372049_00335_22934_0116.N1	20-JUL-2006 06:42:35	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22934	No
79	GOM_NL__2PRFIN20060720_064603_000000372049_00335_22934_0117.N1	20-JUL-2006 06:46:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22934	No
80	GOM_NL__2PRFIN20060720_064930_000000362049_00335_22934_0118.N1	20-JUL-2006 06:49:30	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22934	No
81	GOM_NL__2PRFIN20060720_065344_000000362049_00335_22934_0119.N1	20-JUL-2006 06:53:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22934	No
82	GOM_NL__2PRFIN20060720_065704_000000352049_00335_22934_0120.N1	20-JUL-2006 06:57:04	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22934	No
83	GOM_NL__2PRFIN20060720_070934_000000382049_00335_22934_0121.N1	20-JUL-2006 07:09:34	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	22934	No
84	GOM_NL__2PRFIN20060720_071325_000000402049_00335_22934_0122.N1	20-JUL-2006 07:13:25	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	22934	No
85	GOM_NL__2PRFIN20060720_071836_000000552049_00335_22934_0123.N1	20-JUL-2006 07:18:36	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	22934	No
86	GOM_NL__2PRFIN20060720_072240_000000352049_00335_22934_0124.N1	20-JUL-2006 07:22:40	Dark	34.500	30	46Eps Ori	1.6940	30000.	69	22934	No
87	GOM_NL__2PRFIN20060720_072454_000000372049_00335_22934_0125.N1	20-JUL-2006 07:24:54	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22934	No
88	GOM_NL__2PRFIN20060720_073727_000000452049_00335_22934_0126.N1	20-JUL-2006 07:37:27	Dark	44.500	157	The1Eri	2.9060	9300.0	89	22934	No
89	GOM_NL__2PRFIN20060720_074330_000000552049_00336_22935_0108.N1	20-JUL-2006 07:43:30	Dark	55.000	9	Alp Eri	0.45300	24000.	110	22935	No
90	GOM_NL__2PRFIN20060720_074640_000000382049_00336_22935_0109.N1	20-JUL-2006 07:46:40	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22935	No
91	GOM_NL__2PRFIN20060720_075055_000000412049_00336_22935_0110.N1	20-JUL-2006 07:50:55	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22935	No
92	GOM_NL__2PRFIN20060720_075437_000000422049_00336_22935_0111.N1	20-JUL-2006 07:54:37	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22935	No
93	GOM_NL__2PRFIN20060720_080230_000000412049_00336_22935_0112.N1	20-JUL-2006 08:02:30	Tw_and_stray	40.500	38	20Eps Sgr	1.8360	11000.	81	22935	No
94	GOM_NL__2PRFIN20060720_080424_000000372049_00336_22935_0113.N1	20-JUL-2006 08:04:24	Bright	37.000	57	34Sig Sgr	2.0660	26000.	74	22935	No
95	GOM_NL__2PRFIN20060720_080545_000000382049_00336_22935_0114.N1	20-JUL-2006 08:05:45	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22935	No
96	GOM_NL__2PRFIN20060720_081342_000000362049_00336_22935_0115.N1	20-JUL-2006 08:13:42	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22935	No
97	GOM_NL__2PRFIN20060720_082310_000000412049_00336_22935_0116.N1	20-JUL-2006 08:23:10	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	22935	No
98	GOM_NL__2PRFIN20060720_082639_000000392049_00336_22935_0117.N1	20-JUL-2006 08:26:39	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22935	No
99	GOM_NL__2PRFIN20060720_083006_000000362049_00336_22935_0118.N1	20-JUL-2006 08:30:06	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22935	No
100	GOM_NL__2PRFIN20060720_083420_000000352049_00336_22935_0119.N1	20-JUL-2006 08:34:20	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22935	No
101	GOM_NL__2PRFIN20060720_083740_000000362049_00336_22935_0120.N1	20-JUL-2006 08:37:40	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22935	No

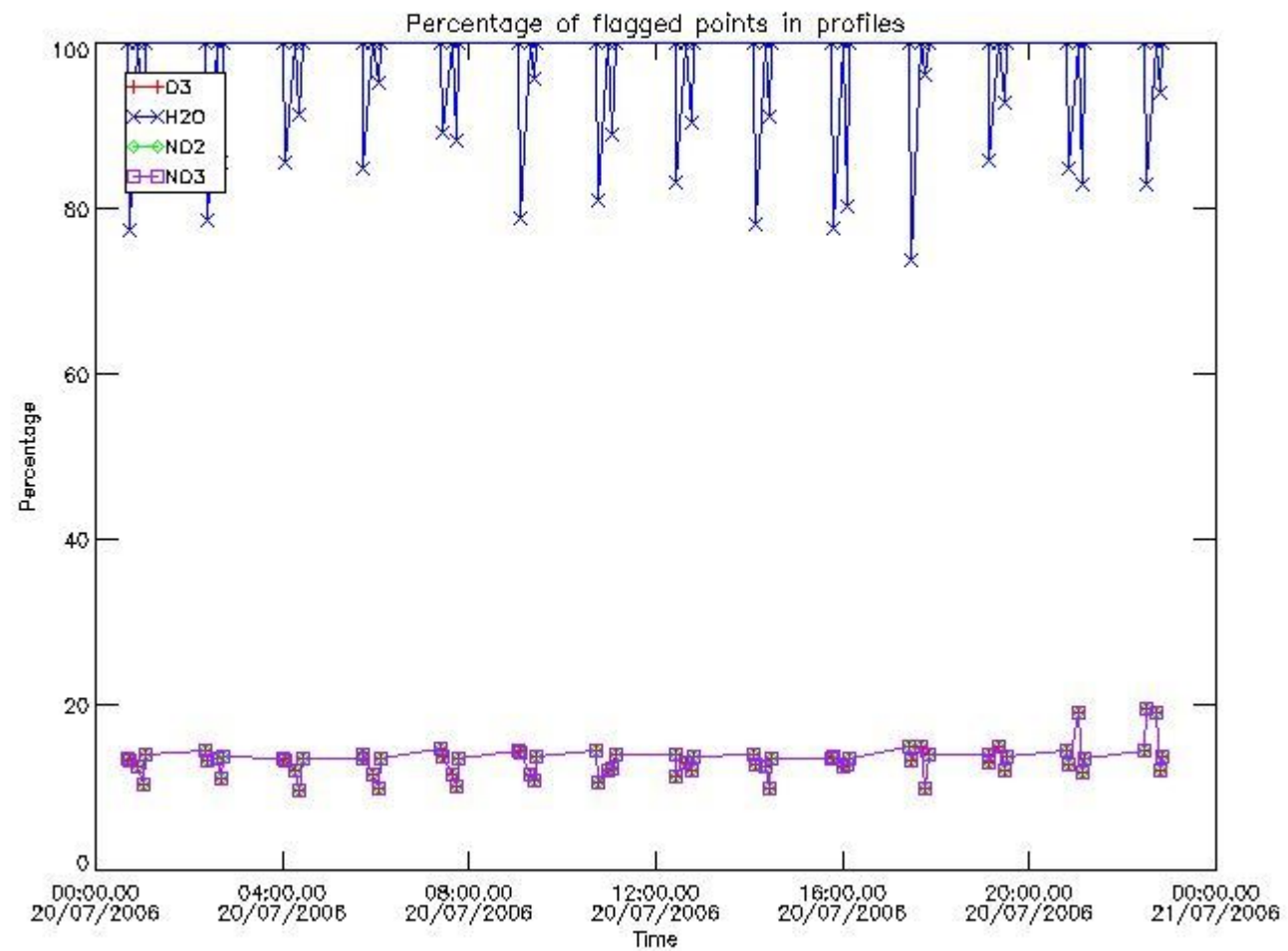
102	GOM_NL__2PRFIN20060720_085010_000000402049_00336_22935_0121.N1	20-JUL-2006 08:50:10	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	22935	No
103	GOM_NL__2PRFIN20060720_085402_000000402049_00336_22935_0122.N1	20-JUL-2006 08:54:02	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	22935	No
104	GOM_NL__2PRFIN20060720_085912_000000412049_00336_22935_0123.N1	20-JUL-2006 08:59:12	Twilight	40.500	13	87Alp Tau	0.86700	3800.0	81	22935	No
105	GOM_NL__2PRFIN20060720_090316_000000352049_00336_22935_0124.N1	20-JUL-2006 09:03:16	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22935	No
106	GOM_NL__2PRFIN20060720_090530_000000432049_00336_22935_0125.N1	20-JUL-2006 09:05:30	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22935	No
107	GOM_NL__2PRFIN20060720_091804_000000442049_00336_22935_0126.N1	20-JUL-2006 09:18:04	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22935	No
108	GOM_NL__2PRFIN20060720_092407_000000482049_00337_22936_0108.N1	20-JUL-2006 09:24:07	Dark	47.500	9	Alp Eri	0.45300	24000.	95	22936	No
109	GOM_NL__2PRFIN20060720_092716_000000372049_00337_22936_0109.N1	20-JUL-2006 09:27:16	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22936	No
110	GOM_NL__2PRFIN20060720_093131_000000492049_00337_22936_0110.N1	20-JUL-2006 09:31:31	Straylight	48.500	148	Alp Tuc	2.8780	4100.0	97	22936	No
111	GOM_NL__2PRFIN20060720_093513_000000412049_00337_22936_0111.N1	20-JUL-2006 09:35:13	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22936	No
112	GOM_NL__2PRFIN20060720_094306_000000412049_00337_22936_0112.N1	20-JUL-2006 09:43:06	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	22936	No
113	GOM_NL__2PRFIN20060720_094501_000000392049_00337_22936_0113.N1	20-JUL-2006 09:45:01	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22936	No
114	GOM_NL__2PRFIN20060720_094622_000000382049_00337_22936_0114.N1	20-JUL-2006 09:46:22	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22936	No
115	GOM_NL__2PRFIN20060720_095418_000000362049_00337_22936_0115.N1	20-JUL-2006 09:54:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22936	No
116	GOM_NL__2PRFIN20060720_100346_000000412049_00337_22936_0116.N1	20-JUL-2006 10:03:46	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	22936	No
117	GOM_NL__2PRFIN20060720_100715_000000382049_00337_22936_0117.N1	20-JUL-2006 10:07:15	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22936	No
118	GOM_NL__2PRFIN20060720_101042_000000352049_00337_22936_0118.N1	20-JUL-2006 10:10:42	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	22936	No
119	GOM_NL__2PRFIN20060720_101456_000000332049_00337_22936_0119.N1	20-JUL-2006 10:14:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22936	No
120	GOM_NL__2PRFIN20060720_101816_000000372049_00337_22936_0120.N1	20-JUL-2006 10:18:16	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	22936	No
121	GOM_NL__2PRFIN20060720_103046_000000372049_00337_22936_0121.N1	20-JUL-2006 10:30:46	Bright	36.500	6	13Alp Aur	0.080000	3400.0	73	22936	No
122	GOM_NL__2PRFIN20060720_103438_000000542049_00337_22936_0122.N1	20-JUL-2006 10:34:38	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	22936	No
123	GOM_NL__2PRFIN20060720_103948_000000402049_00337_22936_0123.N1	20-JUL-2006 10:39:48	Twilight	40.000	13	87Alp Tau	0.86700	3800.0	80	22936	No
124	GOM_NL__2PRFIN20060720_104352_000000352049_00337_22936_0124.N1	20-JUL-2006 10:43:52	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	22936	No
125	GOM_NL__2PRFIN20060720_104606_000000482049_00337_22936_0125.N1	20-JUL-2006 10:46:06	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	22936	No
126	GOM_NL__2PRFIN20060720_105840_000000432049_00337_22936_0126.N1	20-JUL-2006 10:58:40	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22936	No
127	GOM_NL__2PRFIN20060720_110443_000000422049_00338_22937_0108.N1	20-JUL-2006 11:04:43	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22937	No
128	GOM_NL__2PRFIN20060720_110752_000000372049_00338_22937_0109.N1	20-JUL-2006 11:07:52	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22937	No
129	GOM_NL__2PRFIN20060720_111207_000000412049_00338_22937_0110.N1	20-JUL-2006 11:12:07	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22937	No
130	GOM_NL__2PRFIN20060720_111549_000000402049_00338_22937_0111.N1	20-JUL-2006 11:15:49	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22937	No
131	GOM_NL__2PRFIN20060720_112342_000000392049_00338_22937_0112.N1	20-JUL-2006 11:23:42	Tw_and_stray	38.500	38	20Eps Sgr	1.8360	11000.	77	22937	No
132	GOM_NL__2PRFIN20060720_112537_000000392049_00338_22937_0113.N1	20-JUL-2006 11:25:37	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22937	No
133	GOM_NL__2PRFIN20060720_112658_000000372049_00338_22937_0114.N1	20-JUL-2006 11:26:58	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	22937	No
134	GOM_NL__2PRFIN20060720_113500_000000312049_00338_22937_0115.N1	20-JUL-2006 11:35:00	Bright	30.500	126	60Bet Oph	2.7700	4250.0	61	22937	No
135	GOM_NL__2PRFIN20060720_114422_000000392049_00338_22937_0116.N1	20-JUL-2006 11:44:22	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22937	No
136	GOM_NL__2PRFIN20060720_114751_000000402049_00338_22937_0117.N1	20-JUL-2006 11:47:51	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	22937	No
137	GOM_NL__2PRFIN20060720_115118_000000352049_00338_22937_0118.N1	20-JUL-2006 11:51:18	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22937	No
138	GOM_NL__2PRFIN20060720_115532_000000362049_00338_22937_0119.N1	20-JUL-2006 11:55:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22937	No
139	GOM_NL__2PRFIN20060720_115852_000000362049_00338_22937_0120.N1	20-JUL-2006 11:58:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22937	No
140	GOM_NL__2PRFIN20060720_121122_000000532049_00338_22937_0121.N1	20-JUL-2006 12:11:22	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22937	No
141	GOM_NL__2PRFIN20060720_121514_000000542049_00338_22937_0122.N1	20-JUL-2006 12:15:14	Bright	54.000	114	3Iot Aur	2.6930	4600.0	108	22937	No
142	GOM_NL__2PRFIN20060720_122024_000000512049_00338_22937_0123.N1	20-JUL-2006 12:20:24	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	22937	No
143	GOM_NL__2PRFIN20060720_122428_000000372049_00338_22937_0124.N1	20-JUL-2006 12:24:28	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	22937	No
144	GOM_NL__2PRFIN20060720_122643_000000452049_00338_22937_0125.N1	20-JUL-2006 12:26:43	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	22937	No
145	GOM_NL__2PRFIN20060720_123917_000000432049_00338_22937_0126.N1	20-JUL-2006 12:39:17	Dark	43.000	157	The1Eri	2.9060	9300.0	86	22937	No
146	GOM_NL__2PRFIN20060720_124520_000000422049_00339_22938_0108.N1	20-JUL-2006 12:45:20	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22938	No
147	GOM_NL__2PRFIN20060720_124828_000000372049_00339_22938_0109.N1	20-JUL-2006 12:48:28	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22938	No
148	GOM_NL__2PRFIN20060720_125244_000000422049_00339_22938_0110.N1	20-JUL-2006 12:52:44	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22938	No
149	GOM_NL__2PRFIN20060720_125626_000000402049_00339_22938_0111.N1	20-JUL-2006 12:56:26	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22938	No
150	GOM_NL__2PRFIN20060720_130419_000000412049_00339_22938_0112.N1	20-JUL-2006 13:04:19	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22938	No
151	GOM_NL__2PRFIN20060720_130613_000000392049_00339_22938_0113.N1	20-JUL-2006 13:06:13	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22938	No
152	GOM_NL__2PRFIN20060720_130734_000000392049_00339_22938_0114.N1	20-JUL-2006 13:07:34	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22938	No
153	GOM_NL__2PRFIN20060720_131754_000000262049_00339_22938_0115.N1	20-JUL-2006 13:17:54	Tw_and_stray	26.000	168	17Zet Aql	2.9860	11000.	52	22938	No
154	GOM_NL__2PRFIN20060720_132458_000000392049_00339_22938_0116.N1	20-JUL-2006 13:24:58	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	22938	No
155	GOM_NL__2PRFIN20060720_132827_000000522049_00339_22938_0117.N1	20-JUL-2006 13:28:27	Bright	52.000	69	33Gam Dra	2.2310	3800.0	104	22938	No
156	GOM_NL__2PRFIN20060720_133155_000000362049_00339_22938_0118.N1	20-JUL-2006 13:31:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22938	No
157	GOM_NL__2PRFIN20060720_133609_000000372049_00339_22938_0119.N1	20-JUL-2006 13:36:09	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22938	No
158	GOM_NL__2PRFIN20060720_133928_000000332049_00339_22938_0120.N1	20-JUL-2006 13:39:28	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	22938	No
159	GOM_NL__2PRFIN20060720_135158_000000402049_00339_22938_0121.N1	20-JUL-2006 13:51:58	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	22938	No
160	GOM_NL__2PRFIN20060720_135550_000000402049_00339_22938_0122.N1	20-JUL-2006 13:55:50	Bright	39.500	114	3Iot Aur	2.6930	4600.0	79	22938	No

161	GOM_NL__2PRFIN20060720_140100_000000472049_00339_22938_0123.N1	20-JUL-2006 14:01:00	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22938	No
162	GOM_NL__2PRFIN20060720_140505_000000372049_00339_22938_0124.N1	20-JUL-2006 14:05:05	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	22938	No
163	GOM_NL__2PRFIN20060720_140719_000000442049_00339_22938_0125.N1	20-JUL-2006 14:07:19	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	22938	No
164	GOM_NL__2PRFIN20060720_141953_000000412049_00339_22938_0126.N1	20-JUL-2006 14:19:53	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22938	No
165	GOM_NL__2PRFIN20060720_142557_000000522049_00340_22939_0128.N1	20-JUL-2006 14:25:57	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22939	No
166	GOM_NL__2PRFIN20060720_142904_000000382049_00340_22939_0129.N1	20-JUL-2006 14:29:04	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22939	No
167	GOM_NL__2PRFIN20060720_143320_000000432049_00340_22939_0130.N1	20-JUL-2006 14:33:20	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22939	No
168	GOM_NL__2PRFIN20060720_143702_000000402049_00340_22939_0131.N1	20-JUL-2006 14:37:02	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22939	No
169	GOM_NL__2PRFIN20060720_144455_000000382049_00340_22939_0132.N1	20-JUL-2006 14:44:55	Twi_and_stray	38.000	38	20Eps Sgr	1.8360	11000.	76	22939	No
170	GOM_NL__2PRFIN20060720_144649_000000402049_00340_22939_0133.N1	20-JUL-2006 14:46:49	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	22939	No
171	GOM_NL__2PRFIN20060720_144810_000000382049_00340_22939_0134.N1	20-JUL-2006 14:48:10	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22939	No
172	GOM_NL__2PRFIN20060720_145830_000000262049_00340_22939_0135.N1	20-JUL-2006 14:58:30	Twi_and_stray	26.000	168	17Zet Aql	2.9860	11000.	52	22939	No
173	GOM_NL__2PRFIN20060720_150534_000000352049_00340_22939_0136.N1	20-JUL-2006 15:05:34	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	22939	No
174	GOM_NL__2PRFIN20060720_150903_000000372049_00340_22939_0137.N1	20-JUL-2006 15:09:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22939	No
175	GOM_NL__2PRFIN20060720_151231_000000372049_00340_22939_0138.N1	20-JUL-2006 15:12:31	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22939	No
176	GOM_NL__2PRFIN20060720_151645_000000342049_00340_22939_0139.N1	20-JUL-2006 15:16:45	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	22939	No
177	GOM_NL__2PRFIN20060720_152004_000000362049_00340_22939_0140.N1	20-JUL-2006 15:20:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22939	No
178	GOM_NL__2PRFIN20060720_153235_000000412049_00340_22939_0141.N1	20-JUL-2006 15:32:35	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	22939	No
179	GOM_NL__2PRFIN20060720_153626_000000542049_00340_22939_0142.N1	20-JUL-2006 15:36:26	Bright	54.000	114	3lot Aur	2.6930	4600.0	108	22939	No
180	GOM_NL__2PRFIN20060720_154137_000000522049_00340_22939_0143.N1	20-JUL-2006 15:41:37	Twilight	52.000	13	87Alp Tau	0.86700	3800.0	104	22939	No
181	GOM_NL__2PRFIN20060720_154541_000000382049_00340_22939_0144.N1	20-JUL-2006 15:45:41	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	22939	No
182	GOM_NL__2PRFIN20060720_154755_000000412049_00340_22939_0145.N1	20-JUL-2006 15:47:55	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	22939	No
183	GOM_NL__2PRFIN20060720_160030_000000412049_00340_22939_0146.N1	20-JUL-2006 16:00:30	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22939	No
184	GOM_NL__2PRFIN20060720_160633_000000442049_00341_22940_0128.N1	20-JUL-2006 16:06:33	Dark	43.500	9	Alp Eri	0.45300	24000.	87	22940	No
185	GOM_NL__2PRFIN20060720_160941_000000382049_00341_22940_0129.N1	20-JUL-2006 16:09:41	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22940	No
186	GOM_NL__2PRFIN20060720_161357_000000422049_00341_22940_0130.N1	20-JUL-2006 16:13:57	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22940	No
187	GOM_NL__2PRFIN20060720_161738_000000382049_00341_22940_0131.N1	20-JUL-2006 16:17:38	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	22940	No
188	GOM_NL__2PRFIN20060720_162531_000000422049_00341_22940_0132.N1	20-JUL-2006 16:25:31	Bright	41.500	38	20Eps Sgr	1.8360	11000.	83	22940	No
189	GOM_NL__2PRFIN20060720_162725_000000392049_00341_22940_0133.N1	20-JUL-2006 16:27:25	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22940	No
190	GOM_NL__2PRFIN20060720_162846_000000372049_00341_22940_0134.N1	20-JUL-2006 16:28:46	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	22940	No
191	GOM_NL__2PRFIN20060720_163906_000000372049_00341_22940_0135.N1	20-JUL-2006 16:39:06	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22940	No
192	GOM_NL__2PRFIN20060720_164610_000000372049_00341_22940_0136.N1	20-JUL-2006 16:46:10	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	22940	No
193	GOM_NL__2PRFIN20060720_164939_000000372049_00341_22940_0137.N1	20-JUL-2006 16:49:39	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22940	No
194	GOM_NL__2PRFIN20060720_165307_000000342049_00341_22940_0138.N1	20-JUL-2006 16:53:07	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	22940	No
195	GOM_NL__2PRFIN20060720_165721_000000342049_00341_22940_0139.N1	20-JUL-2006 16:57:21	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	22940	No
196	GOM_NL__2PRFIN20060720_170040_000000522049_00341_22940_0140.N1	20-JUL-2006 17:00:40	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	22940	No
197	GOM_NL__2PRFIN20060720_171311_000000362049_00341_22940_0141.N1	20-JUL-2006 17:13:11	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	22940	No
198	GOM_NL__2PRFIN20060720_171702_000000502049_00341_22940_0142.N1	20-JUL-2006 17:17:02	Bright	49.500	114	3lot Aur	2.6930	4600.0	99	22940	No
199	GOM_NL__2PRFIN20060720_172213_000000552049_00341_22940_0143.N1	20-JUL-2006 17:22:13	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	22940	No
200	GOM_NL__2PRFIN20060720_172617_000000382049_00341_22940_0144.N1	20-JUL-2006 17:26:17	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	22940	No
201	GOM_NL__2PRFIN20060720_172831_000000392049_00341_22940_0145.N1	20-JUL-2006 17:28:31	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	22940	No
202	GOM_NL__2PRFIN20060720_174107_000000342049_00341_22940_0146.N1	20-JUL-2006 17:41:07	Dark	34.000	157	The1Eri	2.9060	9300.0	68	22940	No
203	GOM_NL__2PRFIN20060720_174710_000000522049_00342_22941_0128.N1	20-JUL-2006 17:47:10	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22941	No
204	GOM_NL__2PRFIN20060720_175017_000000372049_00342_22941_0129.N1	20-JUL-2006 17:50:17	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22941	No
205	GOM_NL__2PRFIN20060720_175433_000000412049_00342_22941_0130.N1	20-JUL-2006 17:54:33	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22941	No
206	GOM_NL__2PRFIN20060720_175815_000000372049_00342_22941_0131.N1	20-JUL-2006 17:58:15	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	22941	No
207	GOM_NL__2PRFIN20060720_180607_000000442049_00342_22941_0132.N1	20-JUL-2006 18:06:07	Bright	43.500	38	20Eps Sgr	1.8360	11000.	87	22941	No
208	GOM_NL__2PRFIN20060720_180801_000000392049_00342_22941_0133.N1	20-JUL-2006 18:08:01	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	22941	No
209	GOM_NL__2PRFIN20060720_180922_000000392049_00342_22941_0134.N1	20-JUL-2006 18:09:22	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22941	No
210	GOM_NL__2PRFIN20060720_181942_000000372049_00342_22941_0135.N1	20-JUL-2006 18:19:42	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22941	No
211	GOM_NL__2PRFIN20060720_182645_000000392049_00342_22941_0136.N1	20-JUL-2006 18:26:45	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	22941	No
212	GOM_NL__2PRFIN20060720_183015_000000382049_00342_22941_0137.N1	20-JUL-2006 18:30:15	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22941	No
213	GOM_NL__2PRFIN20060720_183343_000000362049_00342_22941_0138.N1	20-JUL-2006 18:33:43	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22941	No
214	GOM_NL__2PRFIN20060720_183757_000000522049_00342_22941_0139.N1	20-JUL-2006 18:37:57	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	22941	No
215	GOM_NL__2PRFIN20060720_184116_000000502049_00342_22941_0140.N1	20-JUL-2006 18:41:16	Bright	49.500	49	1Alp UMi	1.9900	6300.0	99	22941	No
216	GOM_NL__2PRFIN20060720_185347_000000402049_00342_22941_0141.N1	20-JUL-2006 18:53:47	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	22941	No
217	GOM_NL__2PRFIN20060720_185738_000000402049_00342_22941_0142.N1	20-JUL-2006 18:57:38	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	22941	No
218	GOM_NL__2PRFIN20060720_190249_000000562049_00342_22941_0143.N1	20-JUL-2006 19:02:49	Twilight	56.000	13	87Alp Tau	0.86700	3800.0	112	22941	No
219	GOM_NL__2PRFIN20060720_190653_000000372049_00342_22941_0144.N1	20-JUL-2006 19:06:53	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	22941	No

220	GOM_NL__2PRFIN20060720_190908_000000392049_00342_22941_0145.N1	20-JUL-2006 19:09:08	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22941	No
221	GOM_NL__2PRFIN20060720_192144_000000342049_00342_22941_0146.N1	20-JUL-2006 19:21:44	Dark	34.000	157	The1Eri	2.9060	9300.0	68	22941	No
222	GOM_NL__2PRFIN20060720_192746_000000432049_00343_22942_0128.N1	20-JUL-2006 19:27:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22942	No
223	GOM_NL__2PRFIN20060720_193053_000000372049_00343_22942_0129.N1	20-JUL-2006 19:30:53	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22942	No
224	GOM_NL__2PRFIN20060720_193510_000000432049_00343_22942_0130.N1	20-JUL-2006 19:35:10	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22942	No
225	GOM_NL__2PRFIN20060720_193851_000000392049_00343_22942_0131.N1	20-JUL-2006 19:38:51	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22942	No
226	GOM_NL__2PRFIN20060720_194643_000000382049_00343_22942_0132.N1	20-JUL-2006 19:46:43	Bright	37.500	38	20Eps Sgr	1.8360	11000.	75	22942	No
227	GOM_NL__2PRFIN20060720_194837_000000392049_00343_22942_0133.N1	20-JUL-2006 19:48:37	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	22942	No
228	GOM_NL__2PRFIN20060720_194958_000000392049_00343_22942_0134.N1	20-JUL-2006 19:49:58	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	22942	No
229	GOM_NL__2PRFIN20060720_200017_000000372049_00343_22942_0135.N1	20-JUL-2006 20:00:17	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	22942	No
230	GOM_NL__2PRFIN20060720_200721_000000382049_00343_22942_0136.N1	20-JUL-2006 20:07:21	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	22942	No
231	GOM_NL__2PRFIN20060720_201051_000000342049_00343_22942_0137.N1	20-JUL-2006 20:10:51	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22942	No
232	GOM_NL__2PRFIN20060720_201419_000000362049_00343_22942_0138.N1	20-JUL-2006 20:14:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22942	No
233	GOM_NL__2PRFIN20060720_201833_000000372049_00343_22942_0139.N1	20-JUL-2006 20:18:33	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22942	No
234	GOM_NL__2PRFIN20060720_202152_000000362049_00343_22942_0140.N1	20-JUL-2006 20:21:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22942	No
235	GOM_NL__2PRFIN20060720_203423_000000532049_00343_22942_0141.N1	20-JUL-2006 20:34:23	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	22942	No
236	GOM_NL__2PRFIN20060720_203814_000000382049_00343_22942_0142.N1	20-JUL-2006 20:38:14	Bright	38.000	114	3lot Aur	2.6930	4600.0	76	22942	No
237	GOM_NL__2PRFIN20060720_204325_000000462049_00343_22942_0143.N1	20-JUL-2006 20:43:25	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	22942	No
238	GOM_NL__2PRFIN20060720_204729_000000362049_00343_22942_0144.N1	20-JUL-2006 20:47:29	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22942	No
239	GOM_NL__2PRFIN20060720_204944_000000402049_00343_22942_0145.N1	20-JUL-2006 20:49:44	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	22942	No
240	GOM_NL__2PRFIN20060720_210220_000000272049_00343_22942_0146.N1	20-JUL-2006 21:02:20	Dark	27.000	157	The1Eri	2.9060	9300.0	54	22942	No
241	GOM_NL__2PRFIN20060720_210823_000000472049_00344_22943_0128.N1	20-JUL-2006 21:08:23	Dark	47.000	9	Alp Eri	0.45300	24000.	94	22943	No
242	GOM_NL__2PRFIN20060720_211129_000000382049_00344_22943_0129.N1	20-JUL-2006 21:11:29	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22943	No
243	GOM_NL__2PRFIN20060720_211546_000000432049_00344_22943_0130.N1	20-JUL-2006 21:15:46	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22943	No
244	GOM_NL__2PRFIN20060720_211927_000000402049_00344_22943_0131.N1	20-JUL-2006 21:19:27	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22943	No
245	GOM_NL__2PRFIN20060720_212719_000000412049_00344_22943_0132.N1	20-JUL-2006 21:27:19	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22943	No
246	GOM_NL__2PRFIN20060720_212913_000000382049_00344_22943_0133.N1	20-JUL-2006 21:29:13	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	22943	No
247	GOM_NL__2PRFIN20060720_213034_000000382049_00344_22943_0134.N1	20-JUL-2006 21:30:34	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	22943	No
248	GOM_NL__2PRFIN20060720_214053_000000362049_00344_22943_0135.N1	20-JUL-2006 21:40:53	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	22943	No
249	GOM_NL__2PRFIN20060720_214757_000000342049_00344_22943_0136.N1	20-JUL-2006 21:47:57	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	22943	No
250	GOM_NL__2PRFIN20060720_215127_000000392049_00344_22943_0137.N1	20-JUL-2006 21:51:27	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	22943	No
251	GOM_NL__2PRFIN20060720_215456_000000372049_00344_22943_0138.N1	20-JUL-2006 21:54:56	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22943	No
252	GOM_NL__2PRFIN20060720_215910_000000342049_00344_22943_0139.N1	20-JUL-2006 21:59:10	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22943	No
253	GOM_NL__2PRFIN20060720_220228_000000362049_00344_22943_0140.N1	20-JUL-2006 22:02:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22943	No
254	GOM_NL__2PRFIN20060720_221458_000000412049_00344_22943_0141.N1	20-JUL-2006 22:14:58	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	22943	No
255	GOM_NL__2PRFIN20060720_221850_000000392049_00344_22943_0142.N1	20-JUL-2006 22:18:50	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22943	No
256	GOM_NL__2PRFIN20060720_222401_000000492049_00344_22943_0143.N1	20-JUL-2006 22:24:01	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22943	No
257	GOM_NL__2PRFIN20060720_222806_000000362049_00344_22943_0144.N1	20-JUL-2006 22:28:06	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	22943	No
258	GOM_NL__2PRFIN20060720_223020_000000442049_00344_22943_0145.N1	20-JUL-2006 22:30:20	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	22943	No
259	GOM_NL__2PRFIN20060720_224257_000000272049_00344_22943_0146.N1	20-JUL-2006 22:42:57	Dark	27.000	157	The1Eri	2.9060	9300.0	54	22943	No
260	GOM_NL__2PRFIN20060720_224900_000000432049_00345_22944_0128.N1	20-JUL-2006 22:49:00	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22944	No
261	GOM_NL__2PRFIN20060720_225205_000000372049_00345_22944_0129.N1	20-JUL-2006 22:52:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22944	No
262	GOM_NL__2PRFIN20060720_225623_000000412049_00345_22944_0130.N1	20-JUL-2006 22:56:23	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22944	No
263	GOM_NL__2PRFIN20060720_230003_000000452049_00345_22944_0131.N1	20-JUL-2006 23:00:03	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	22944	No
264	GOM_NL__2PRFIN20060720_230755_000000412049_00345_22944_0132.N1	20-JUL-2006 23:07:55	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	22944	No
265	GOM_NL__2PRFIN20060720_230949_000000372049_00345_22944_0133.N1	20-JUL-2006 23:09:49	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	22944	No
266	GOM_NL__2PRFIN20060720_231110_000000382049_00345_22944_0134.N1	20-JUL-2006 23:11:10	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	22944	No
267	GOM_NL__2PRFIN20060720_232129_000000372049_00345_22944_0135.N1	20-JUL-2006 23:21:29	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	22944	No
268	GOM_NL__2PRFIN20060720_232833_000000362049_00345_22944_0136.N1	20-JUL-2006 23:28:33	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	22944	No
269	GOM_NL__2PRFIN20060720_233203_000000372049_00345_22944_0137.N1	20-JUL-2006 23:32:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22944	No
270	GOM_NL__2PRFIN20060720_233532_000000332049_00345_22944_0138.N1	20-JUL-2006 23:35:32	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	22944	No
271	GOM_NL__2PRFIN20060720_233946_000000362049_00345_22944_0139.N1	20-JUL-2006 23:39:46	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22944	No
272	GOM_NL__2PRFIN20060720_234303_000000362049_00345_22944_0140.N1	20-JUL-2006 23:43:03	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22944	No
273	GOM_NL__2PRFIN20060720_235534_000000402049_00345_22944_0141.N1	20-JUL-2006 23:55:34	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	22944	No
274	GOM_NL__2PRFIN20060720_235926_000000392049_00345_22944_0142.N1	20-JUL-2006 23:59:26	Bright	38.500	114	3lot Aur	2.6930	4600.0	77	22944	No

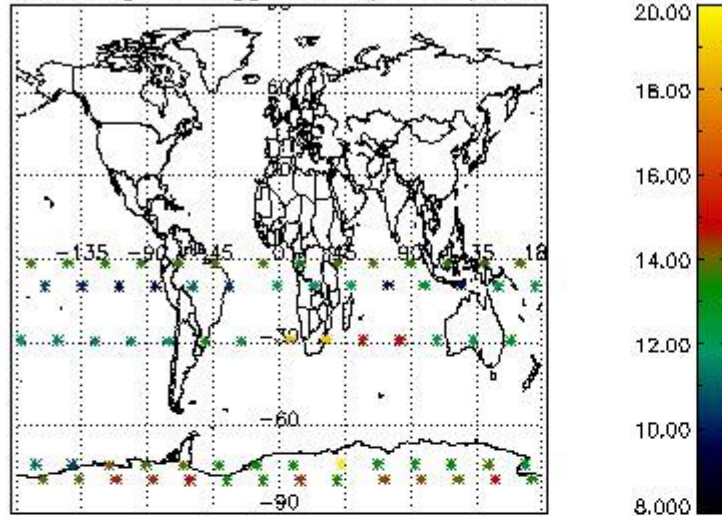
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

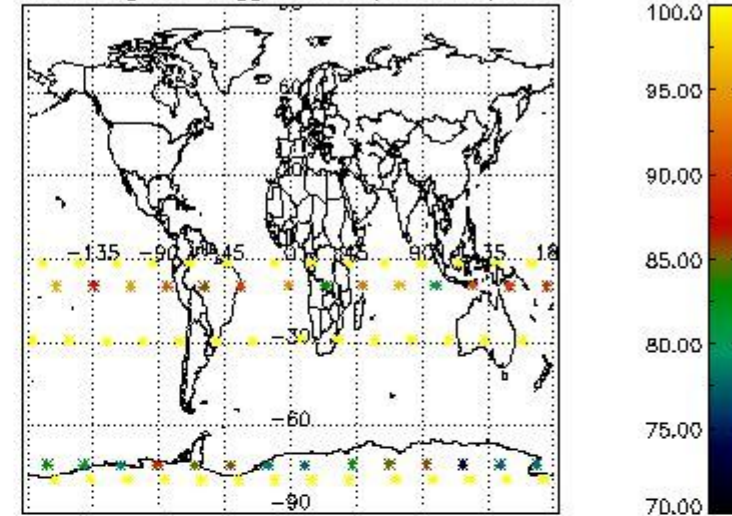


3.2 Plot quality information per product (world map)

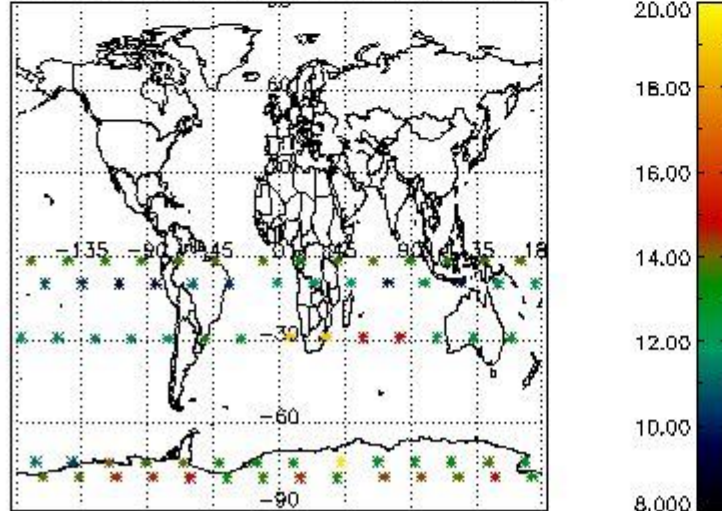
Percentage of flagged data per O3 profile



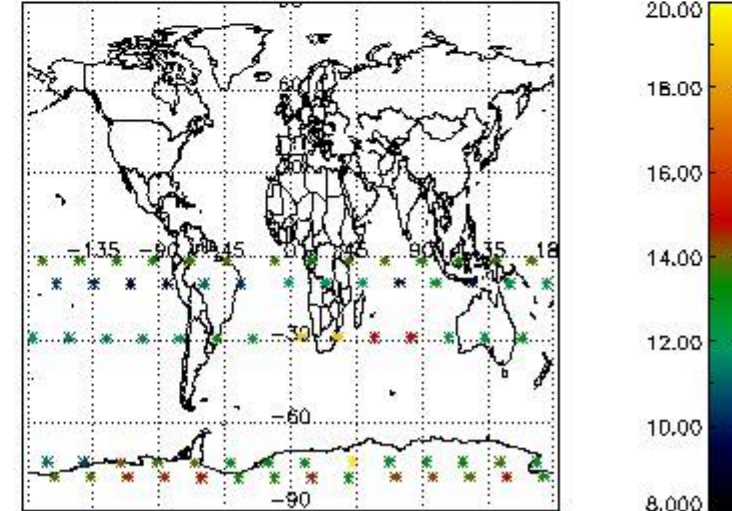
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

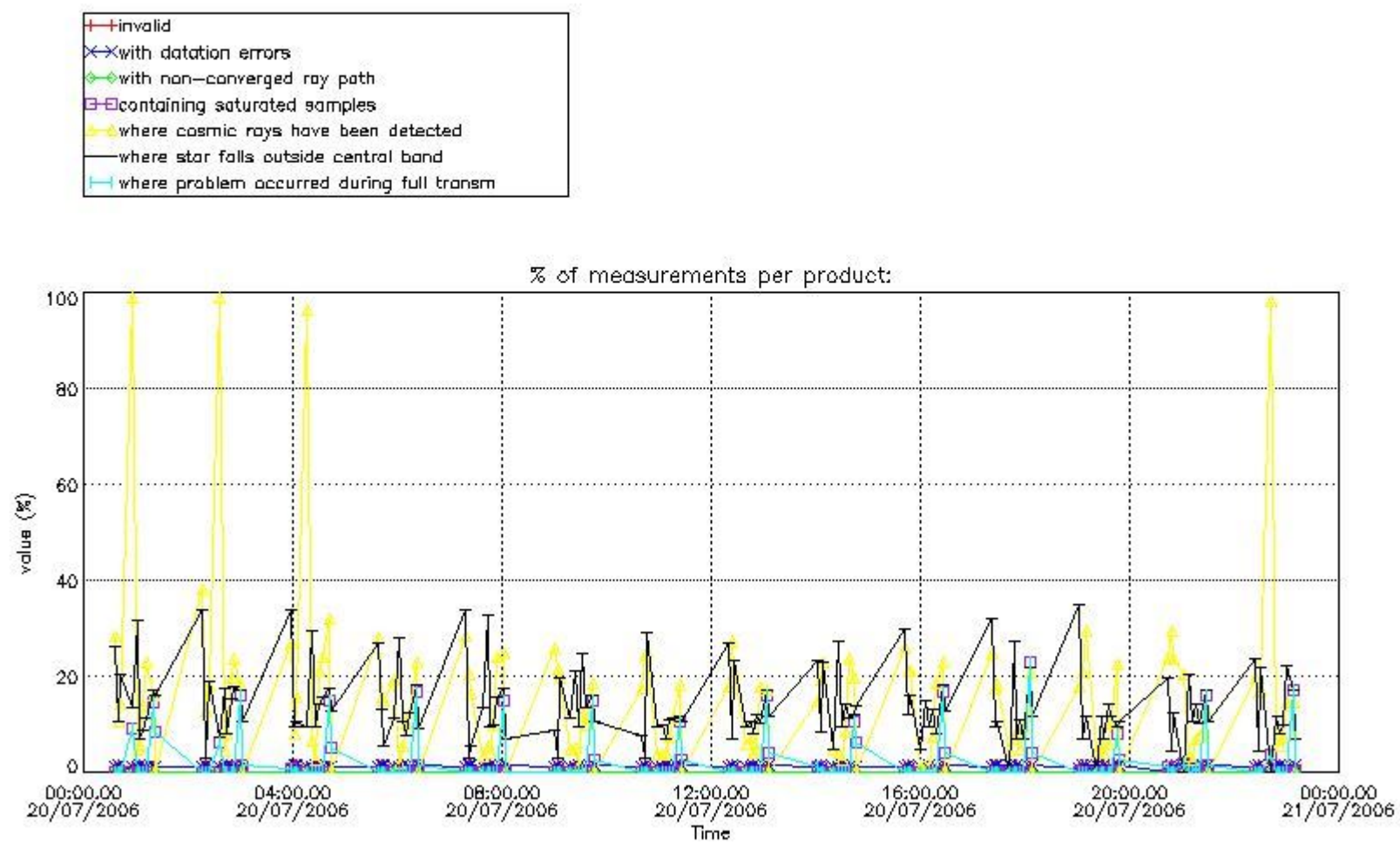


4. Level 1 quality information per product

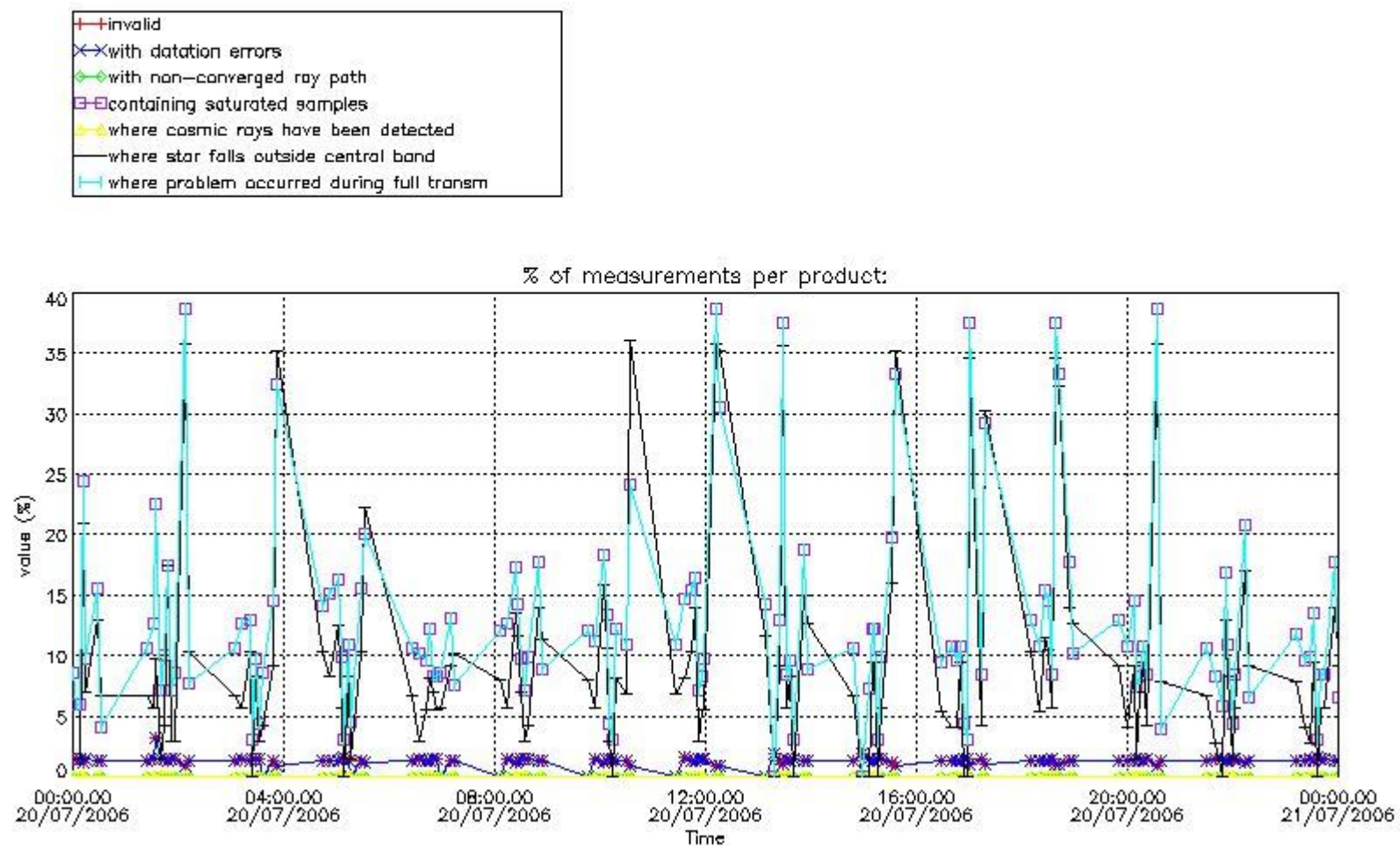
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

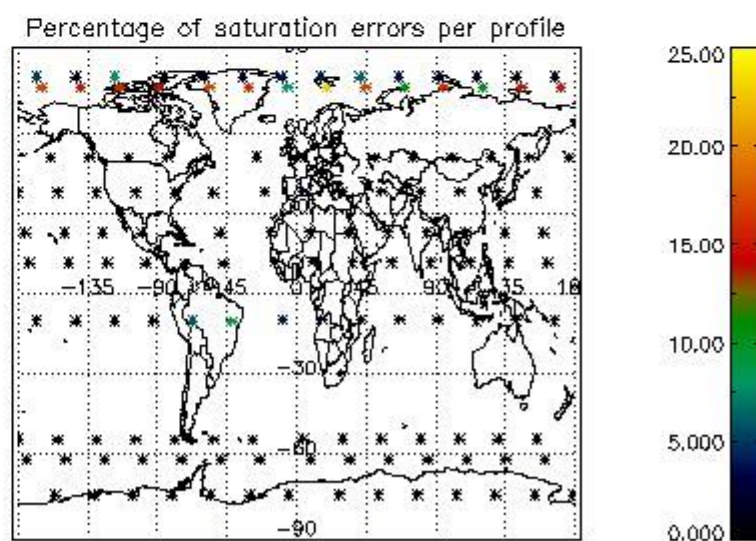
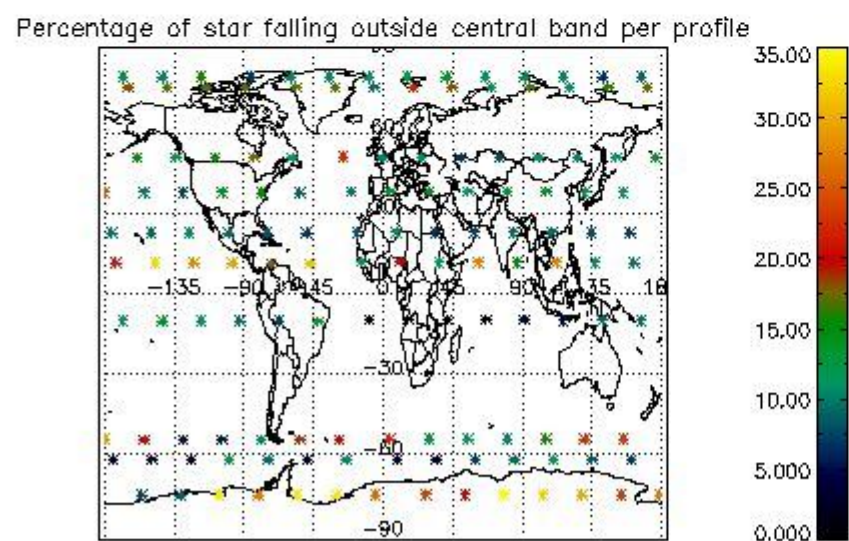
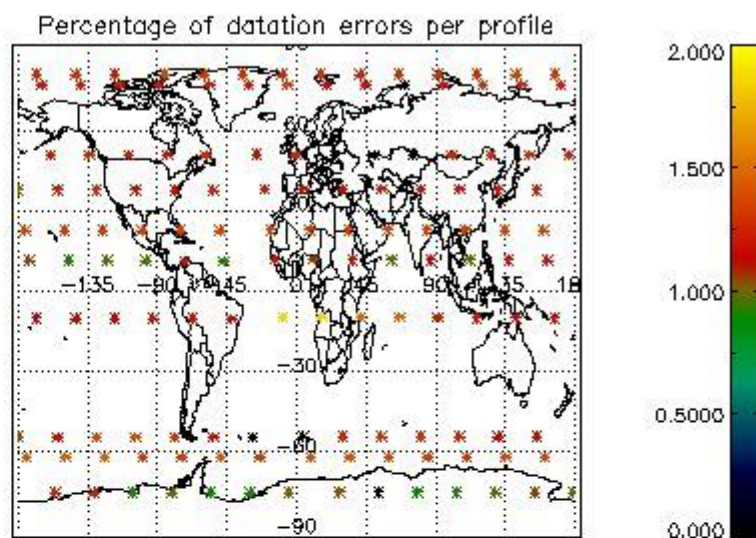
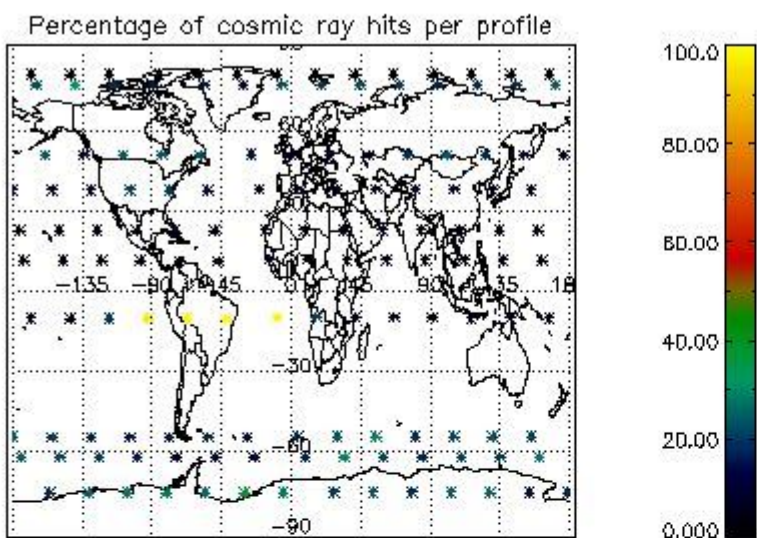


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

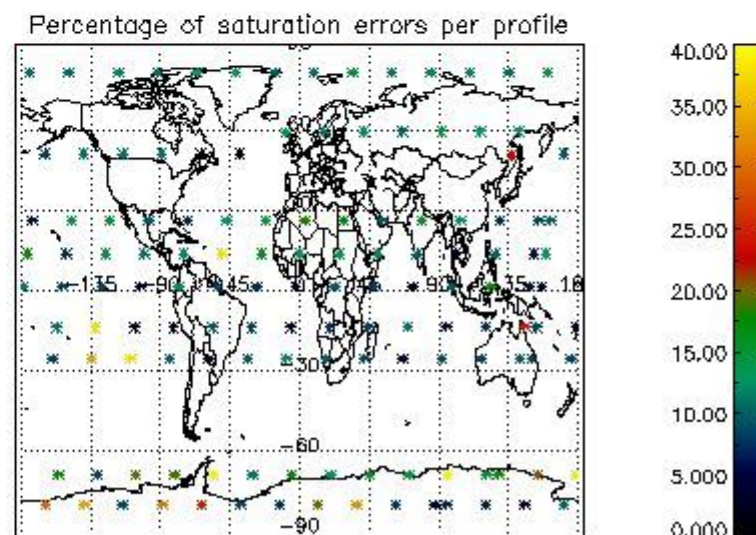
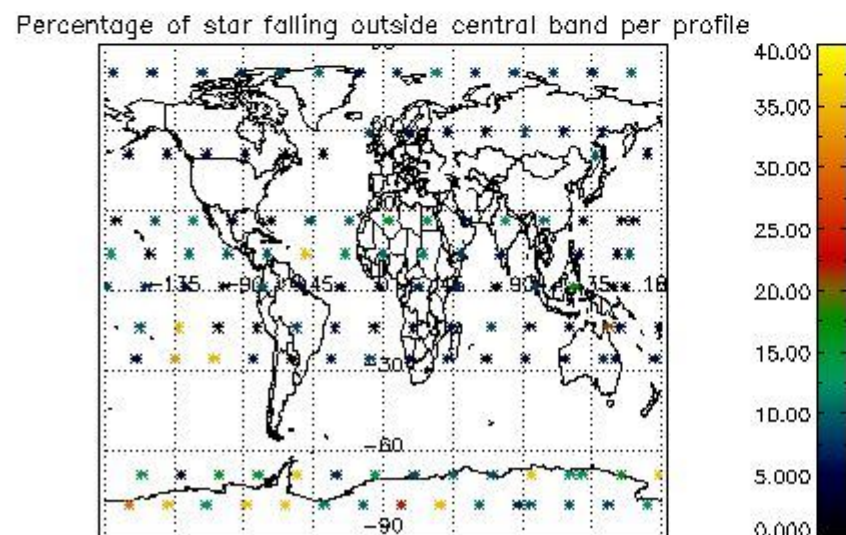
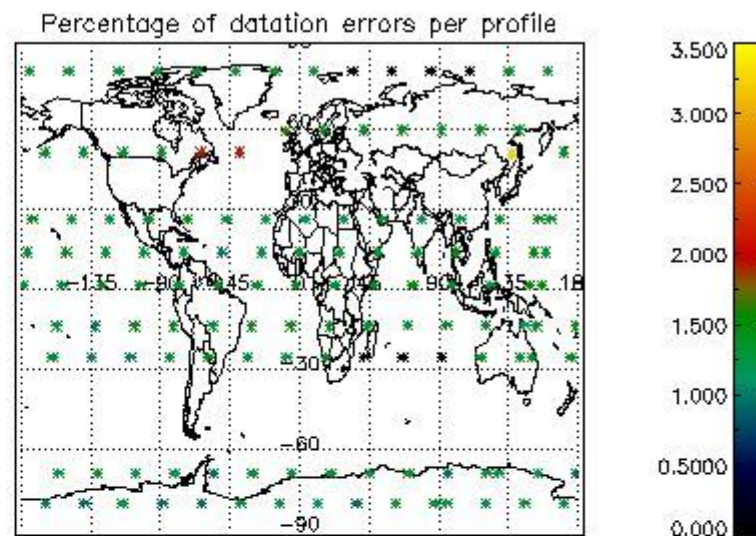
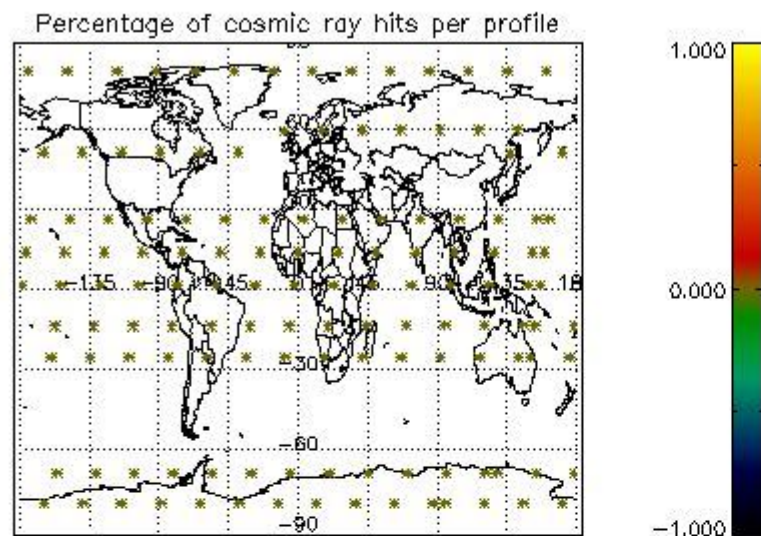


4.2 Plot quality information per product coming from level 1b processing (world map)

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

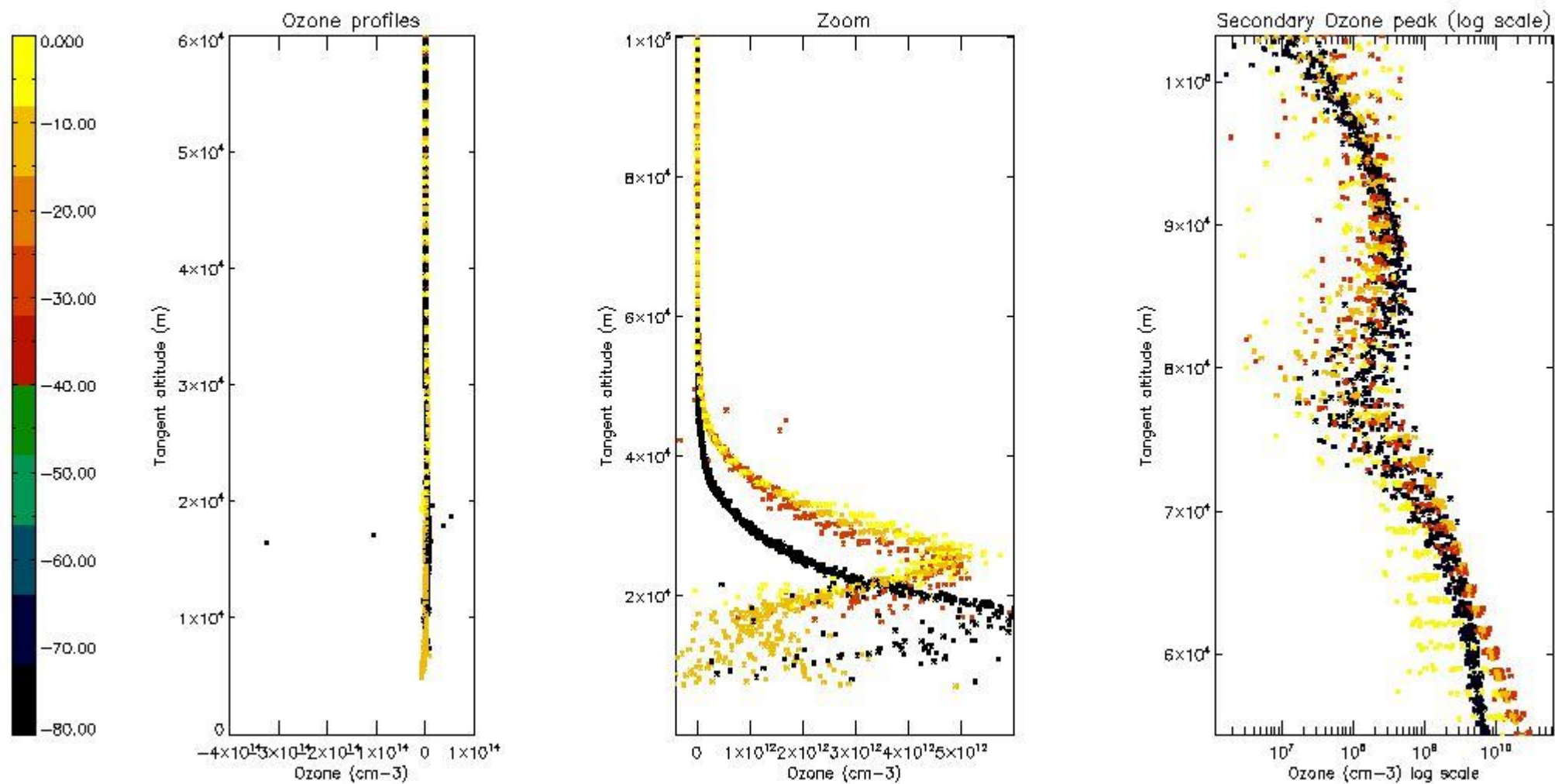
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	17

STD < 10	14
STD < 5	10

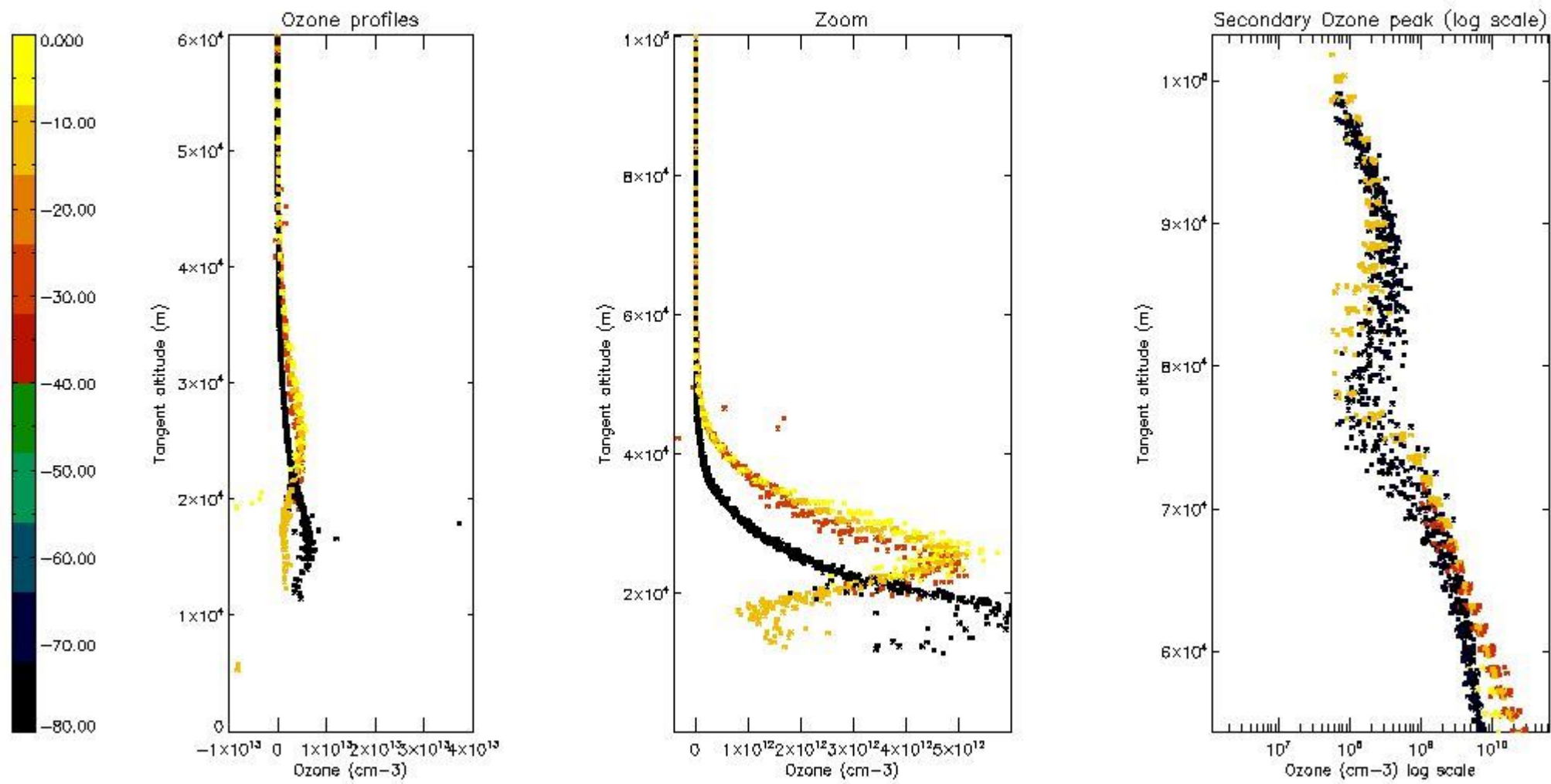
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



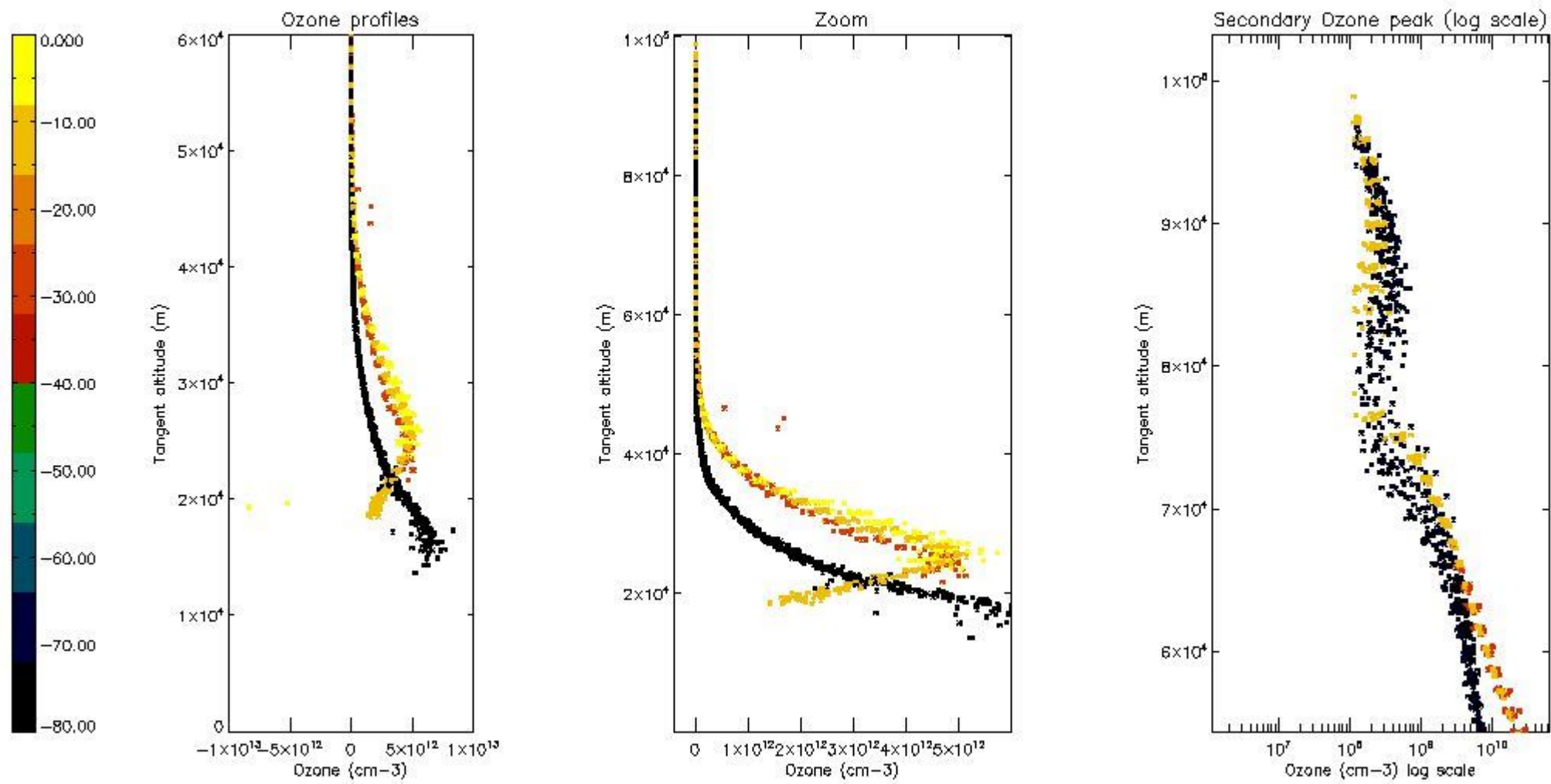
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



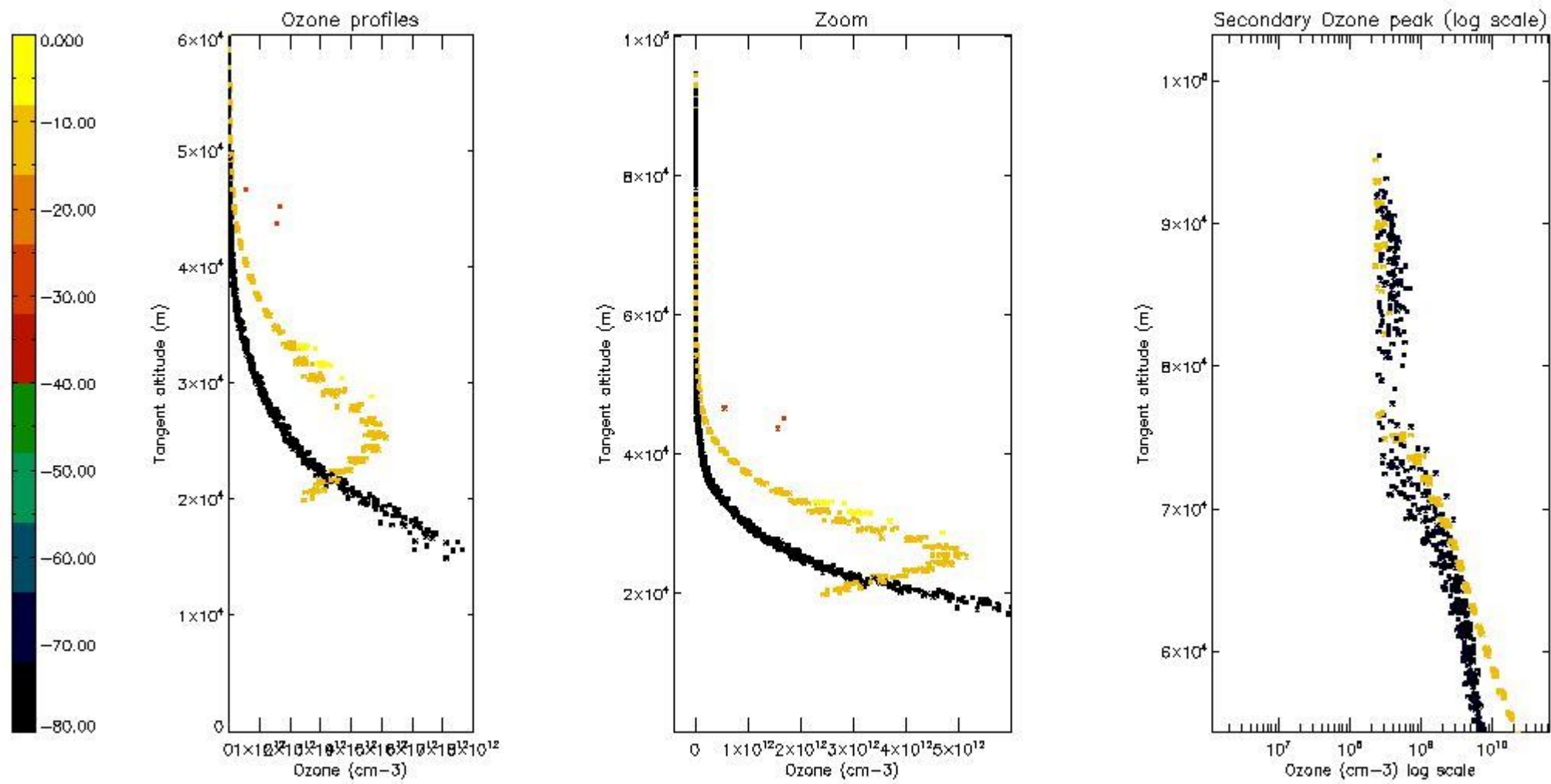
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



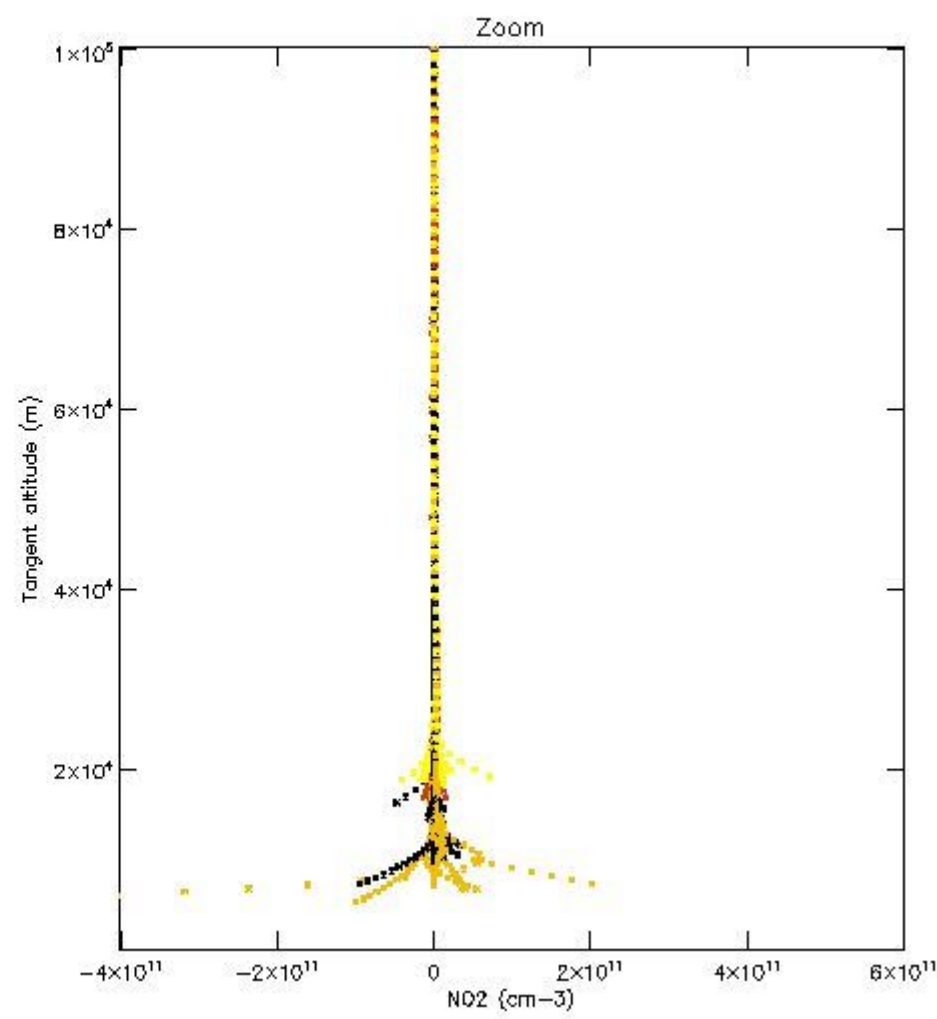
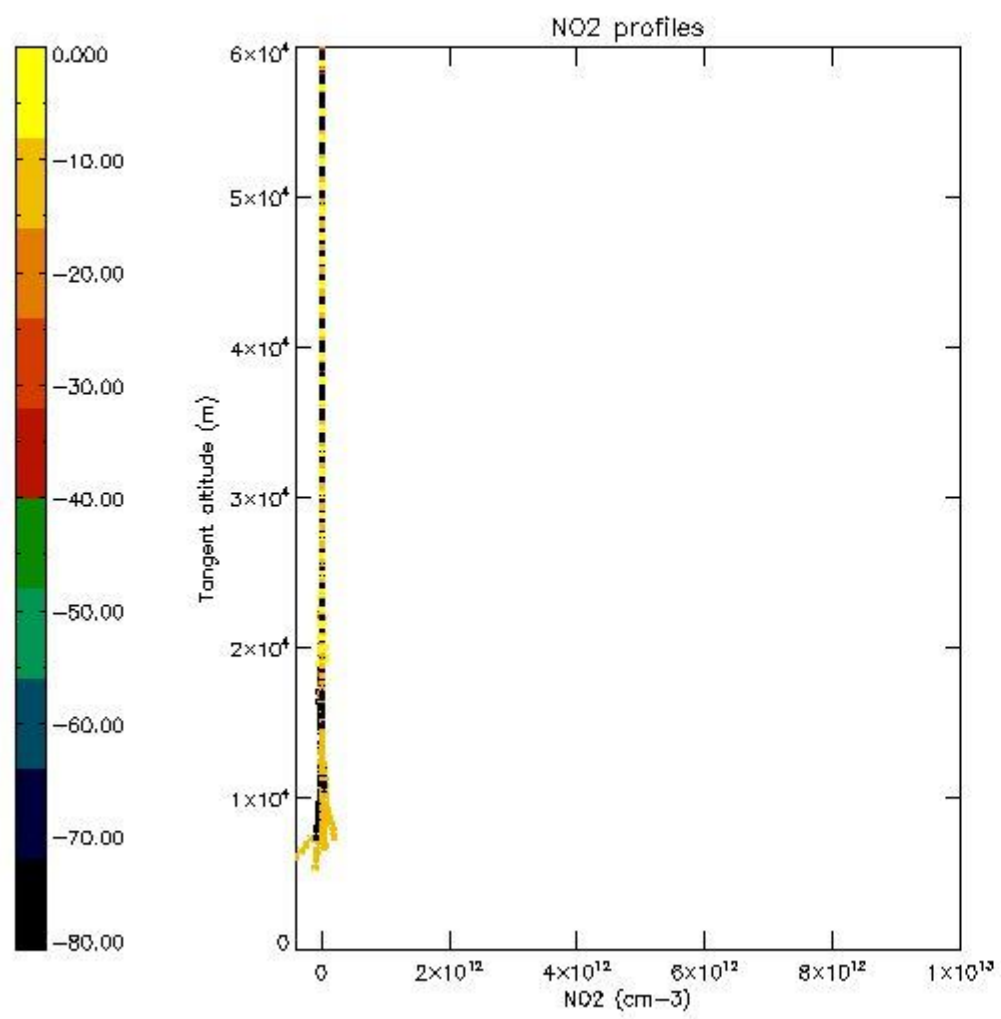
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



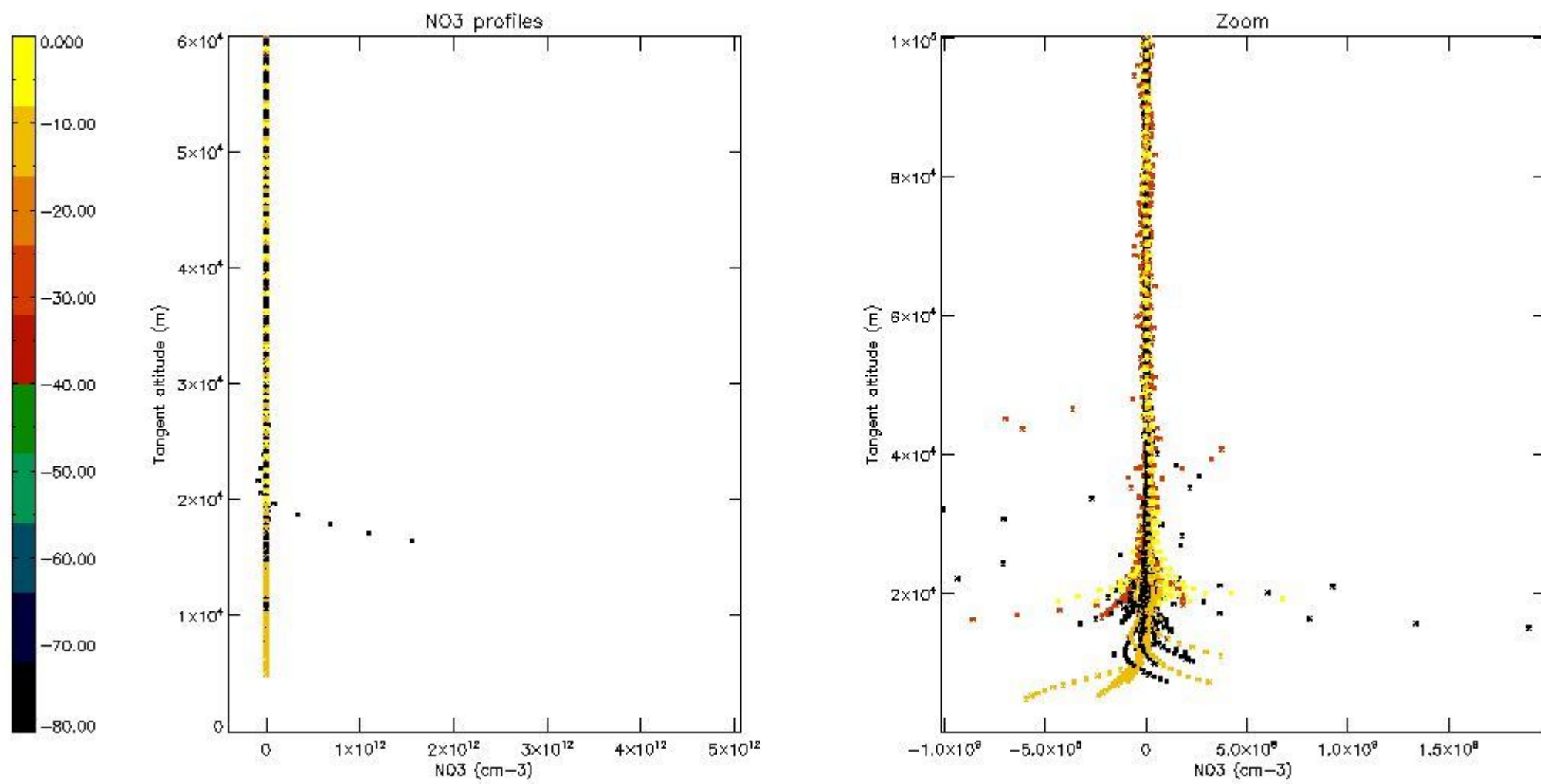
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



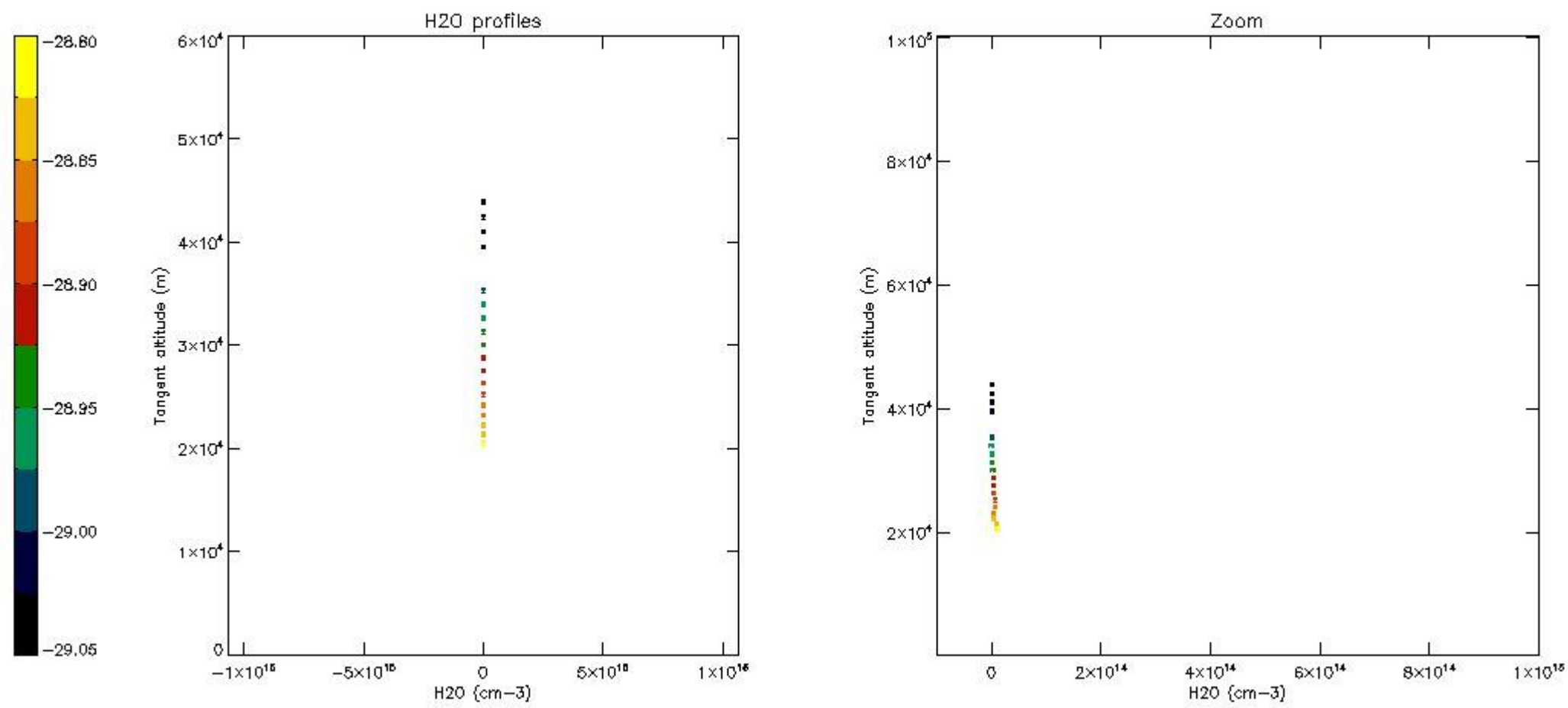
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

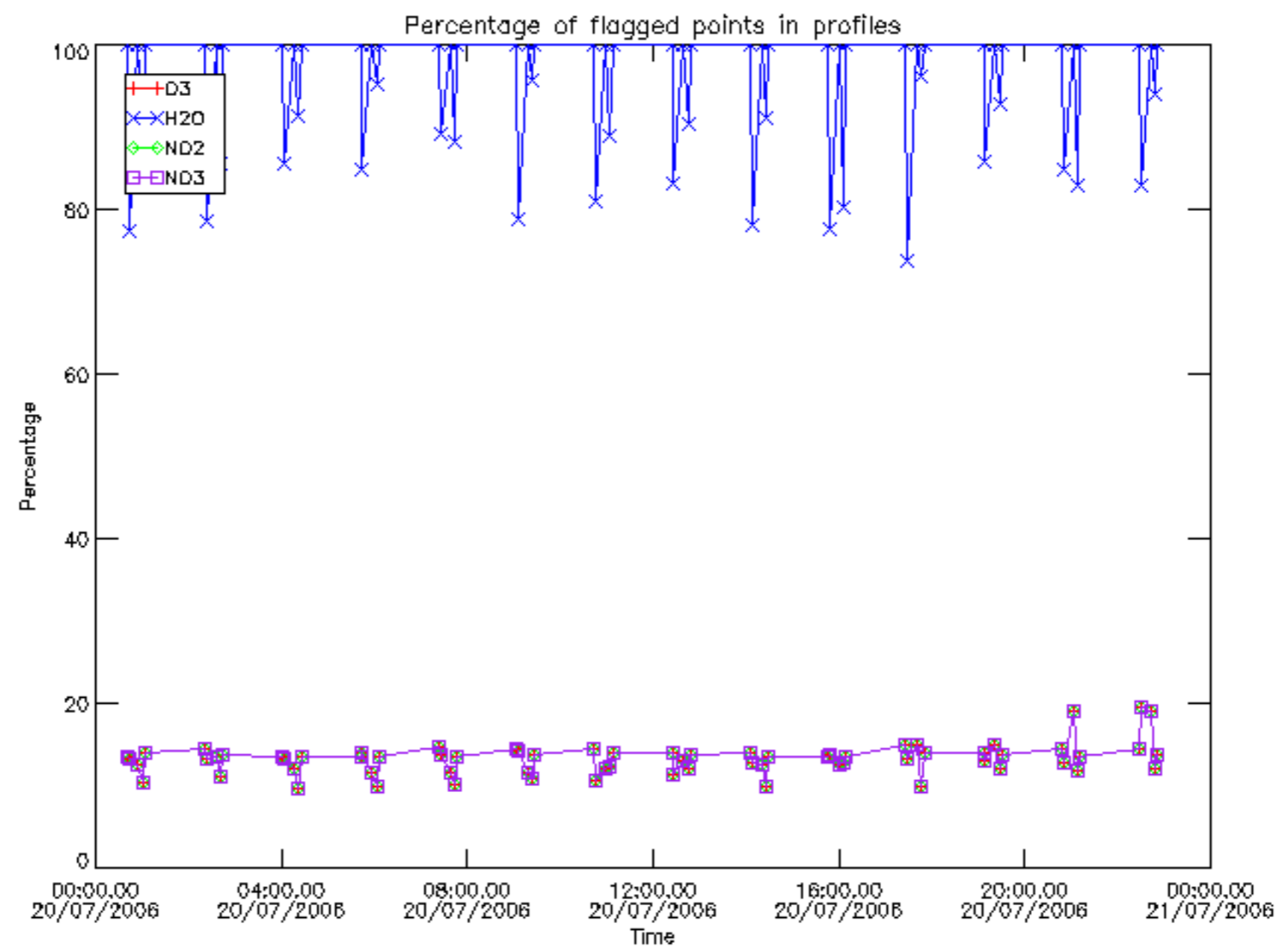
The colorbar represents the latitude.



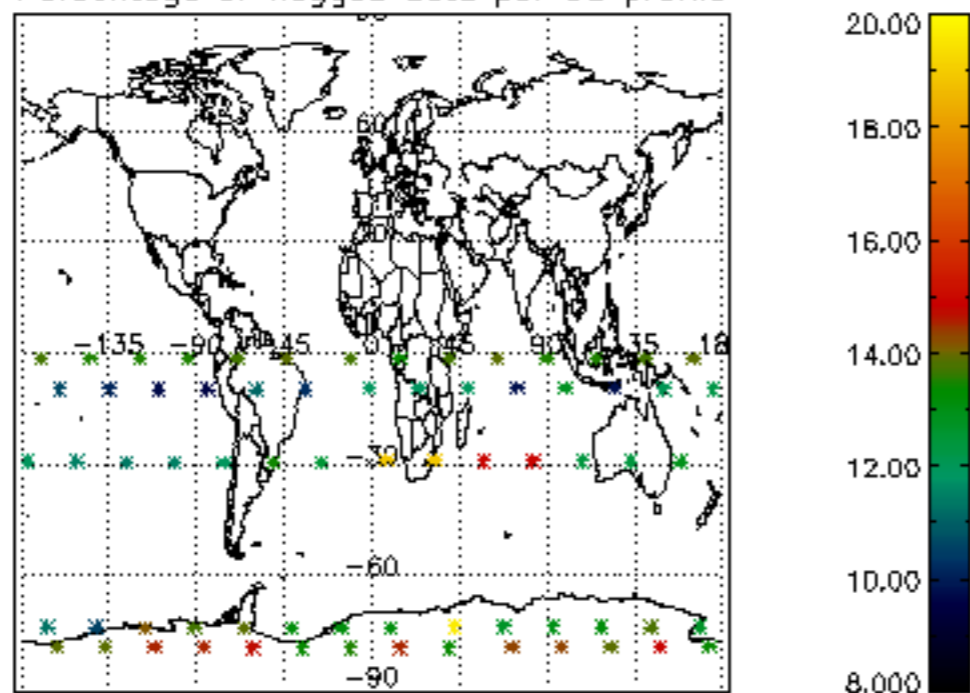
6. Auxiliary Data Files used for the production reported in section 2

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.

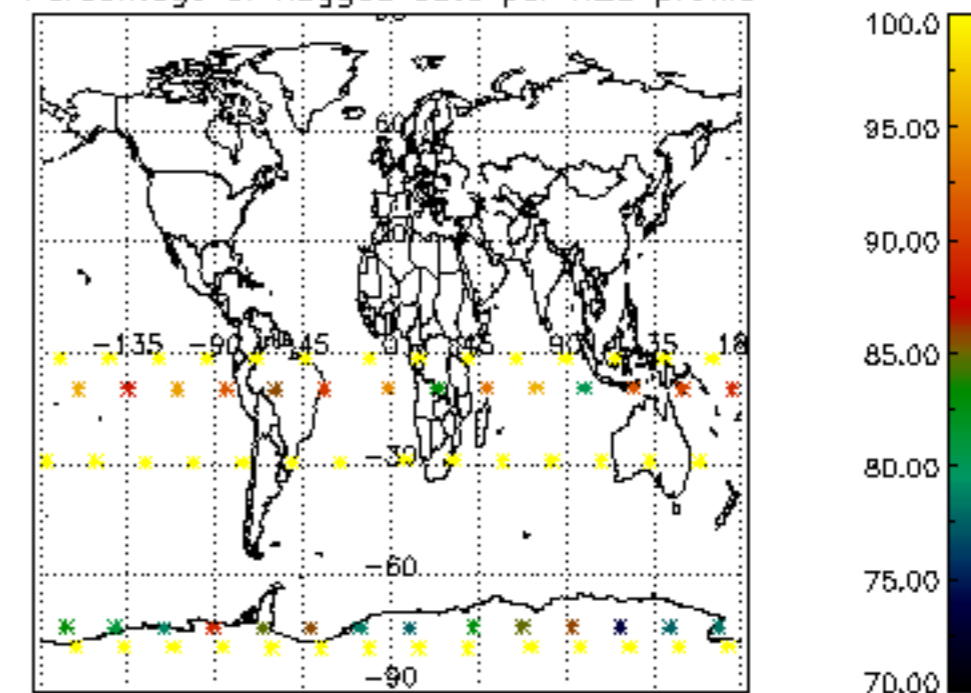
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JUL-2006 00:00:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUL-2006 00:00:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUL-2006 00:00:11



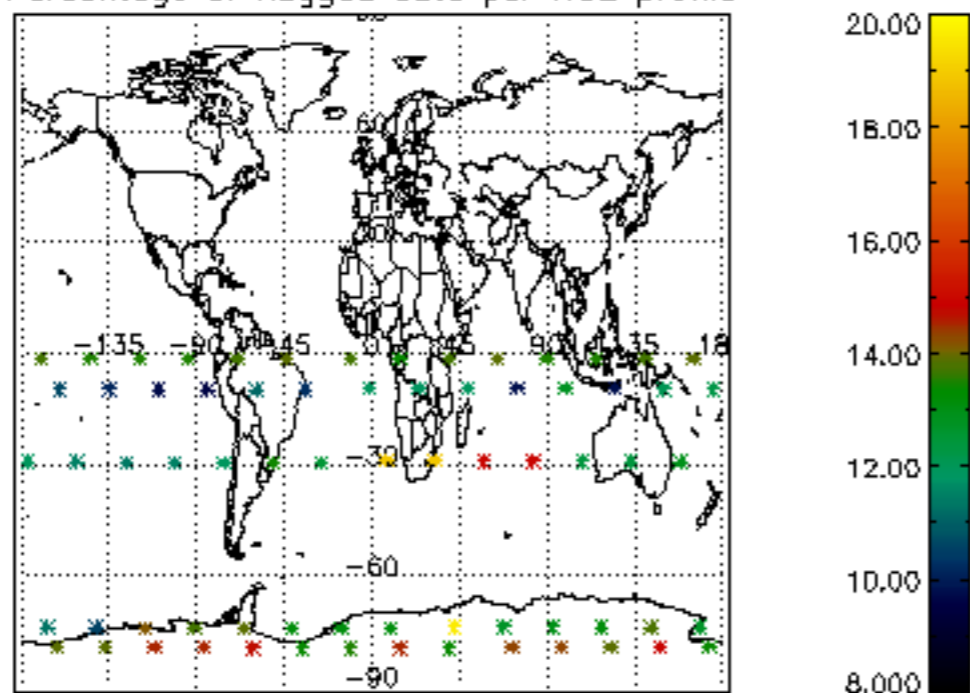
Percentage of flagged data per D3 profile



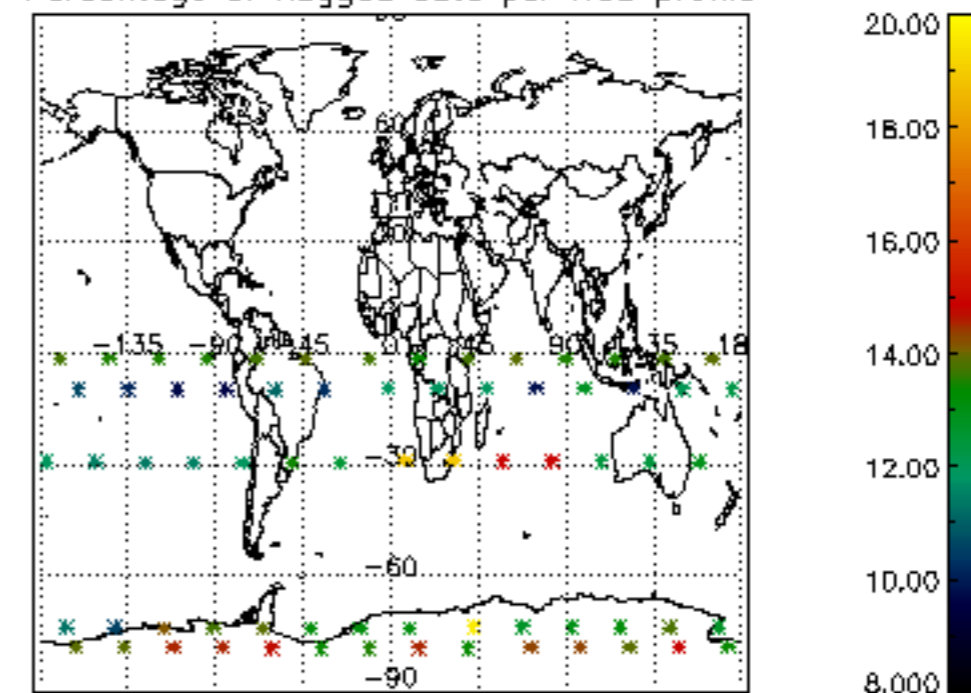
Percentage of flagged data per H2O profile

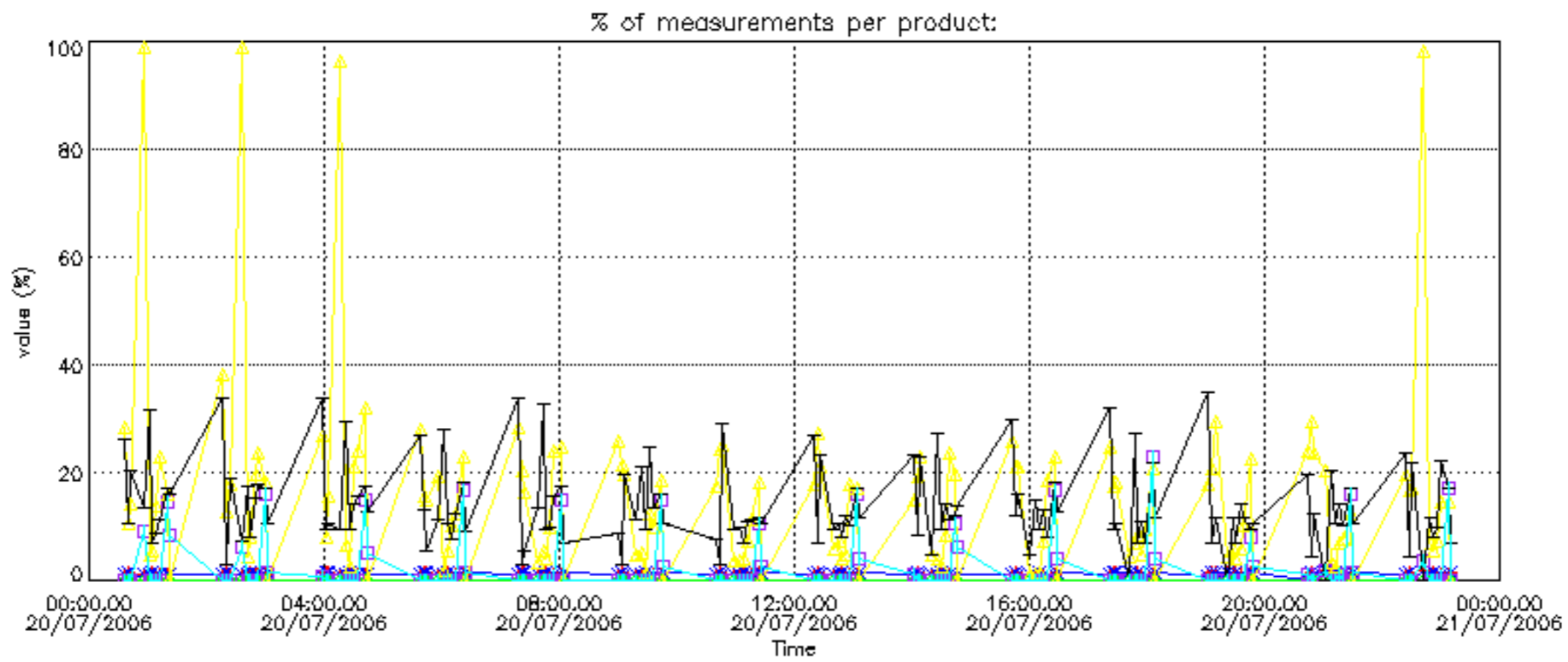


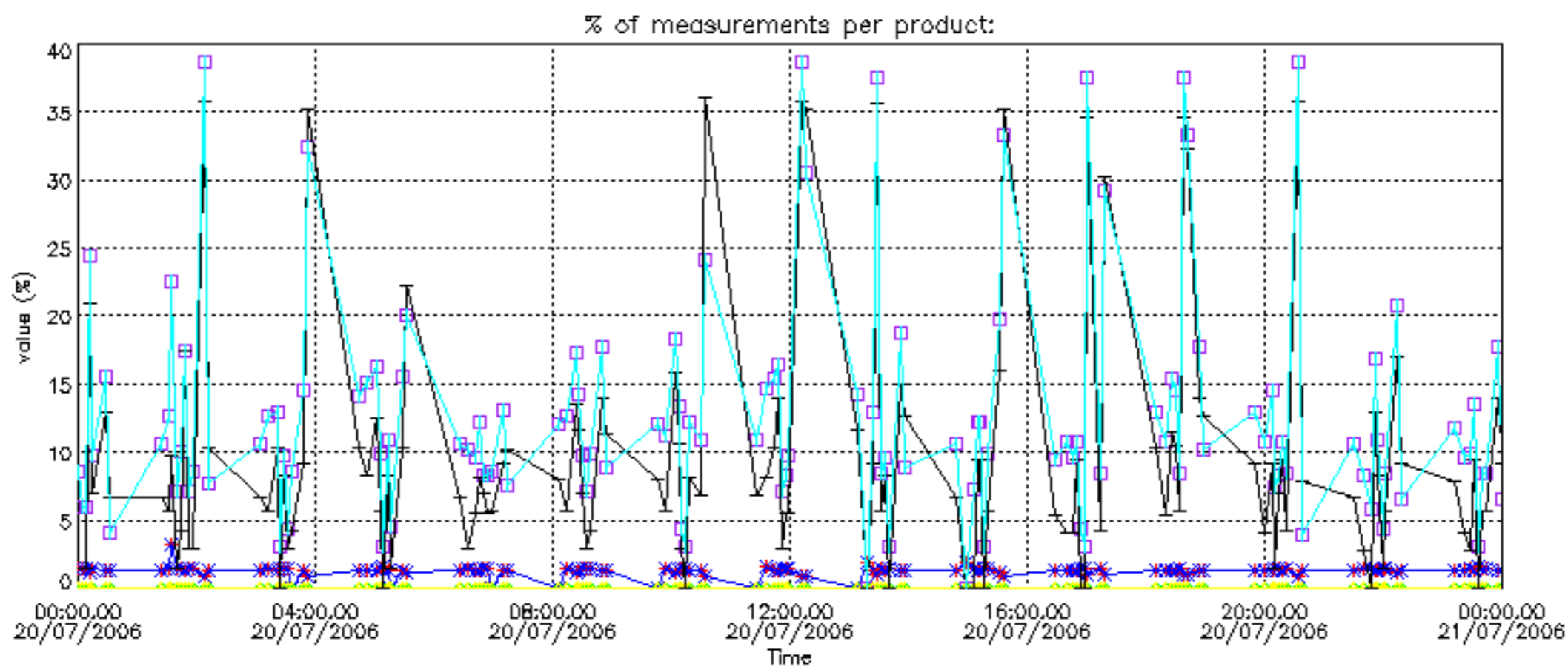
Percentage of flagged data per NO2 profile



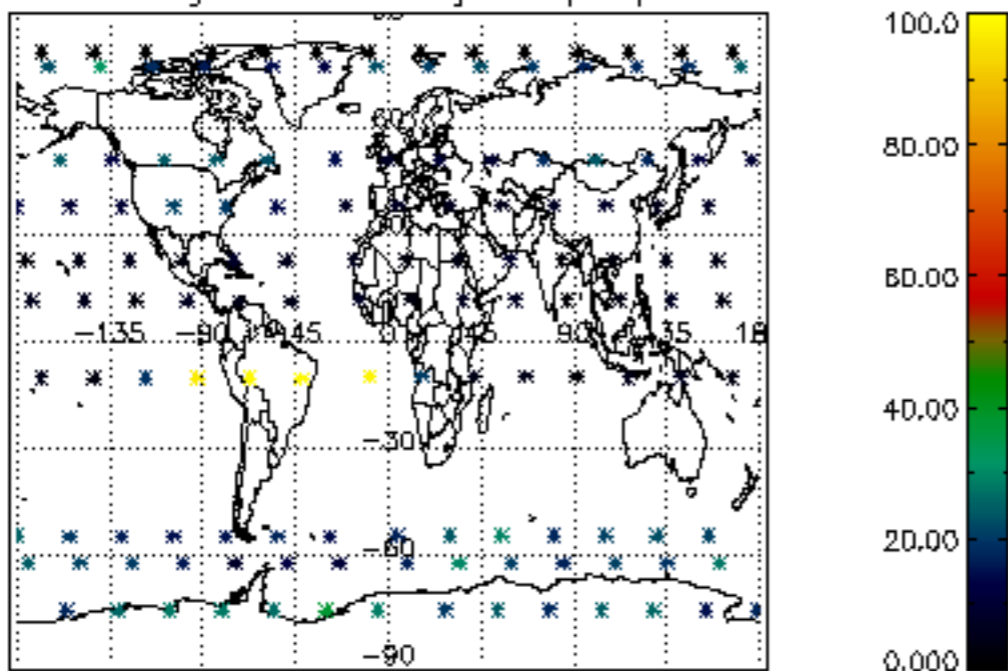
Percentage of flagged data per NO3 profile



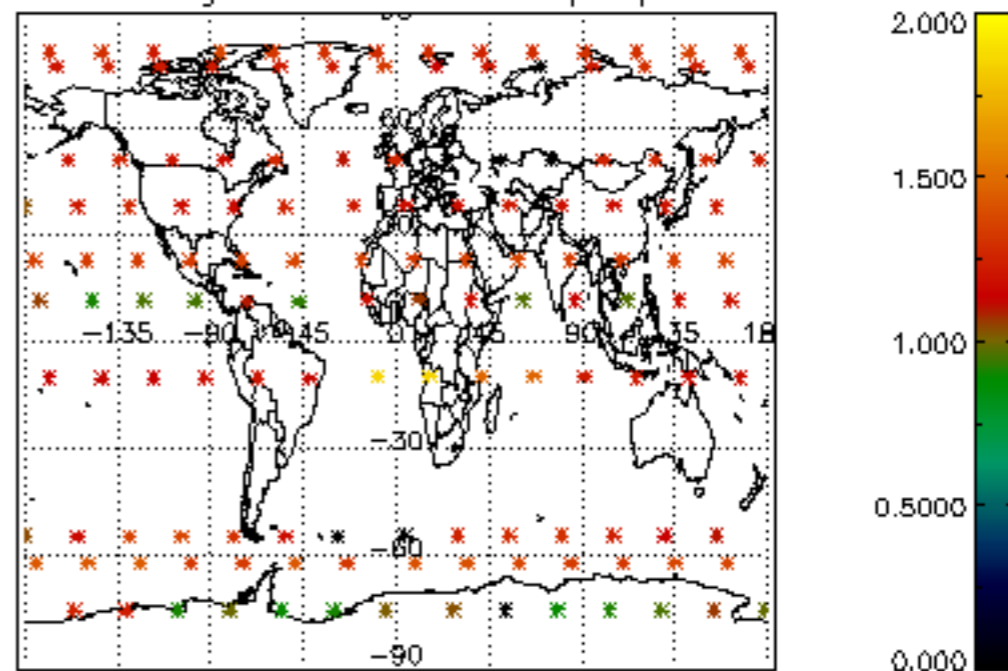




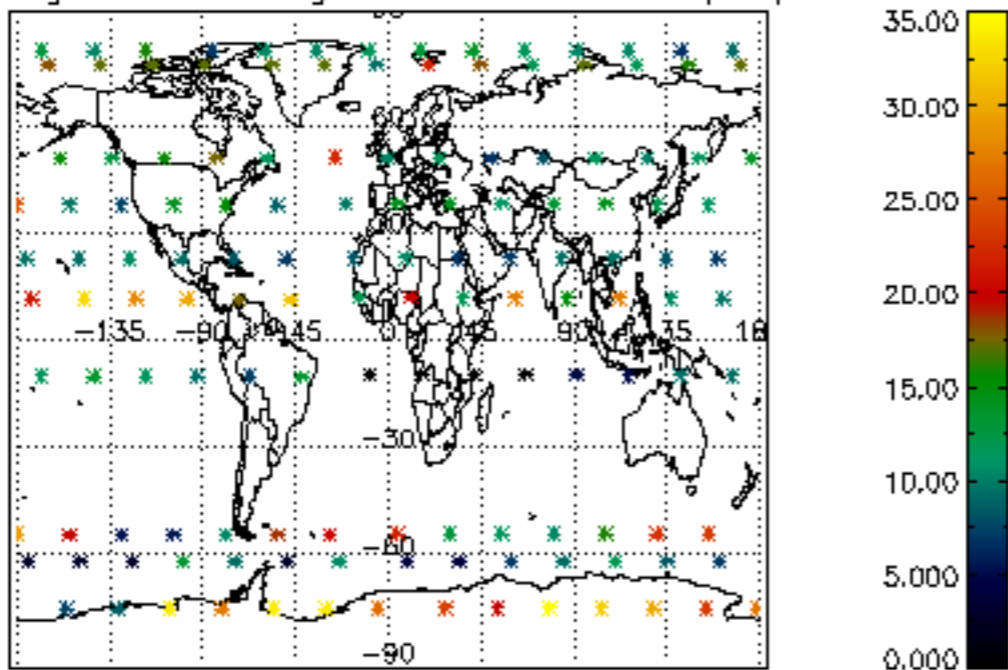
Percentage of cosmic ray hits per profile



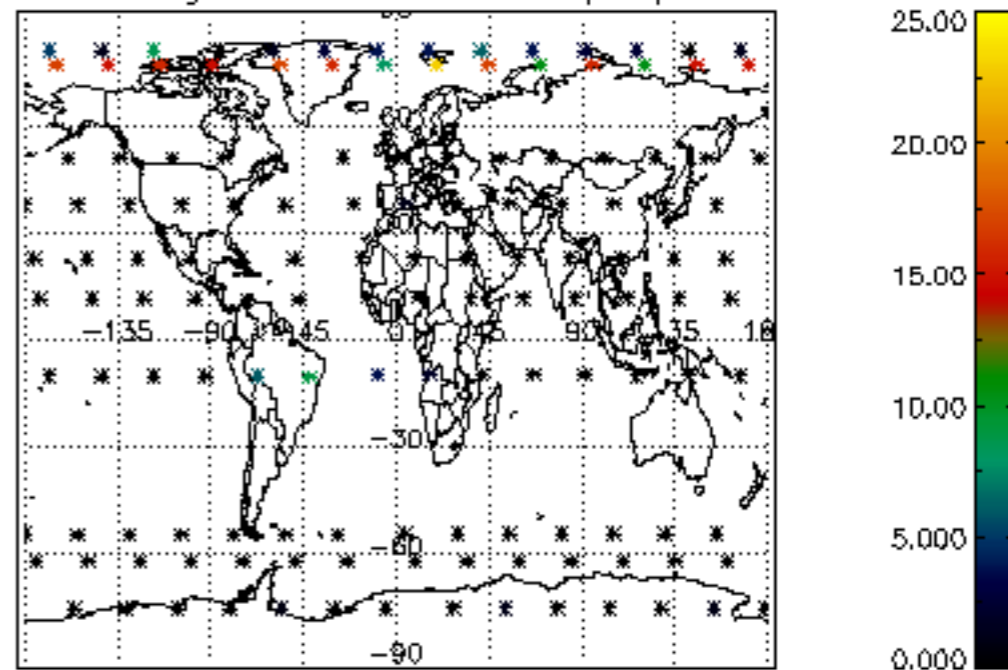
Percentage of datation errors per profile



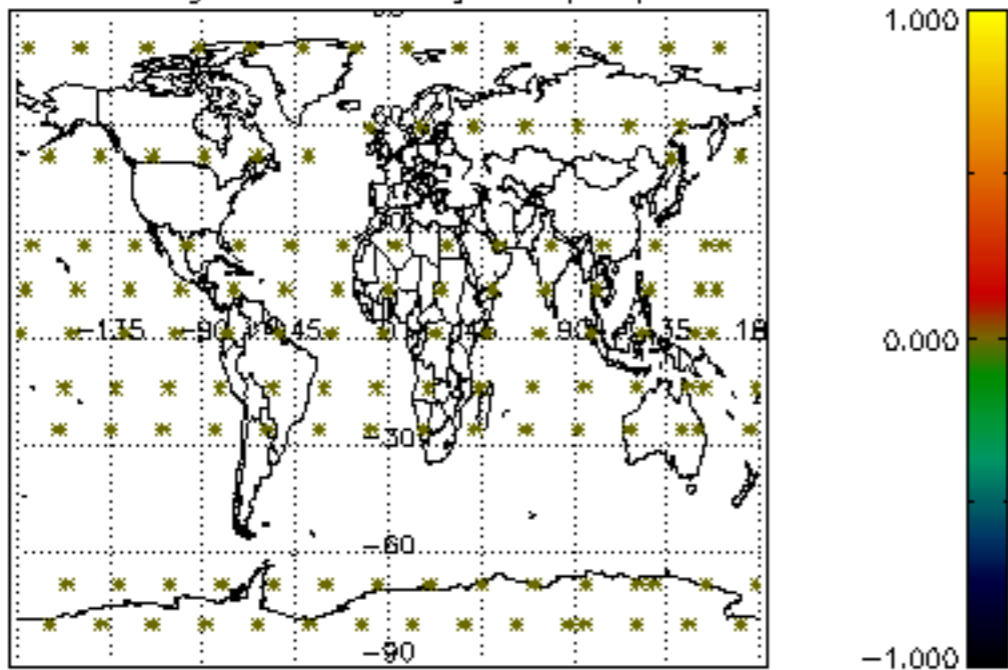
Percentage of star falling outside central band per profile



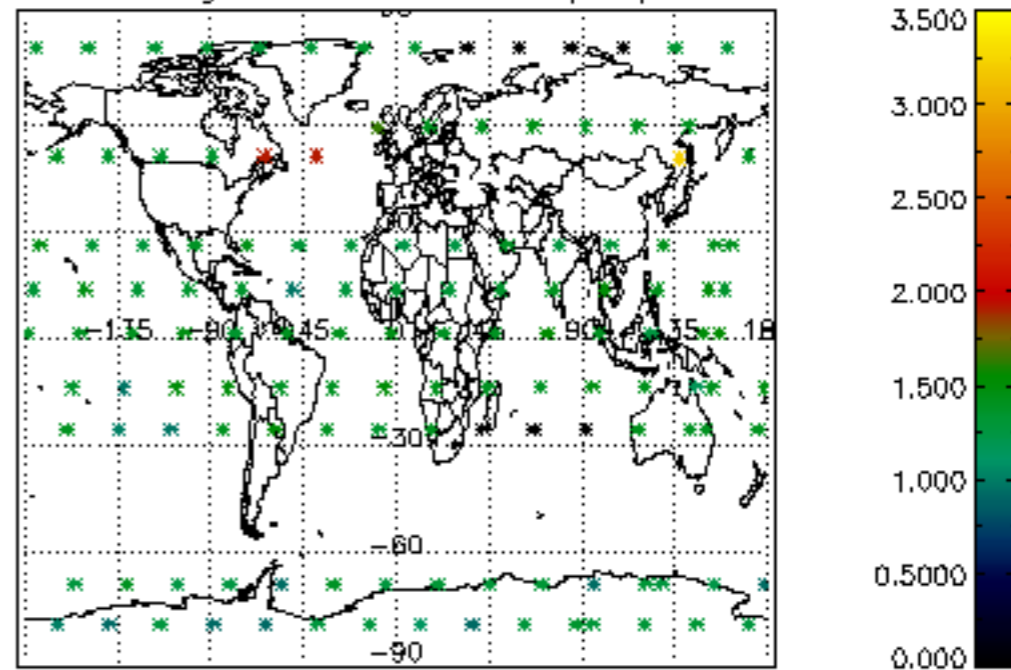
Percentage of saturation errors per profile



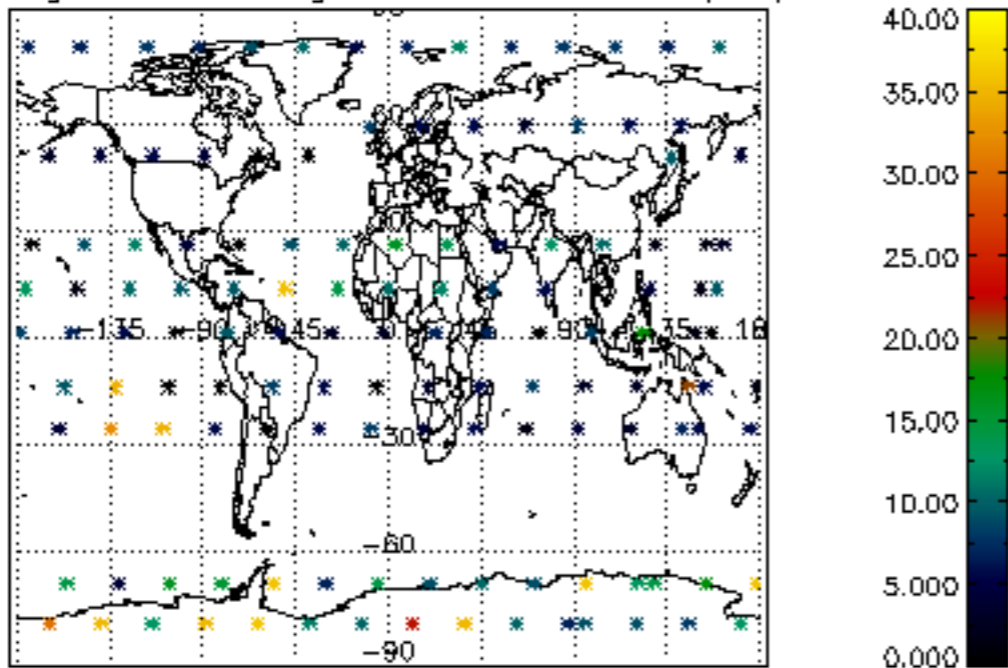
Percentage of cosmic ray hits per profile



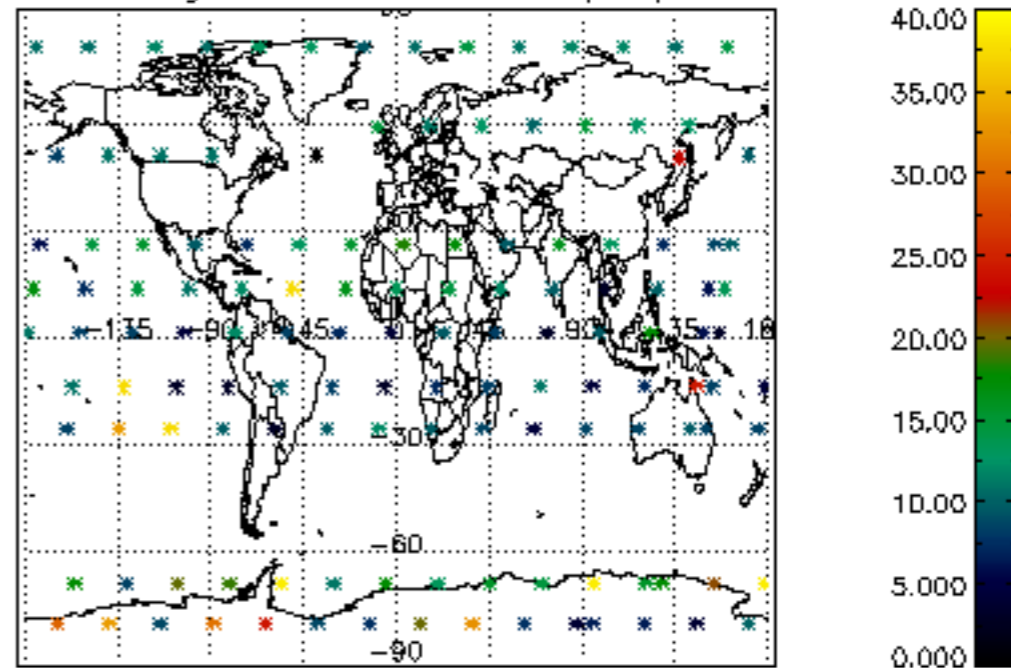
Percentage of datation errors per profile

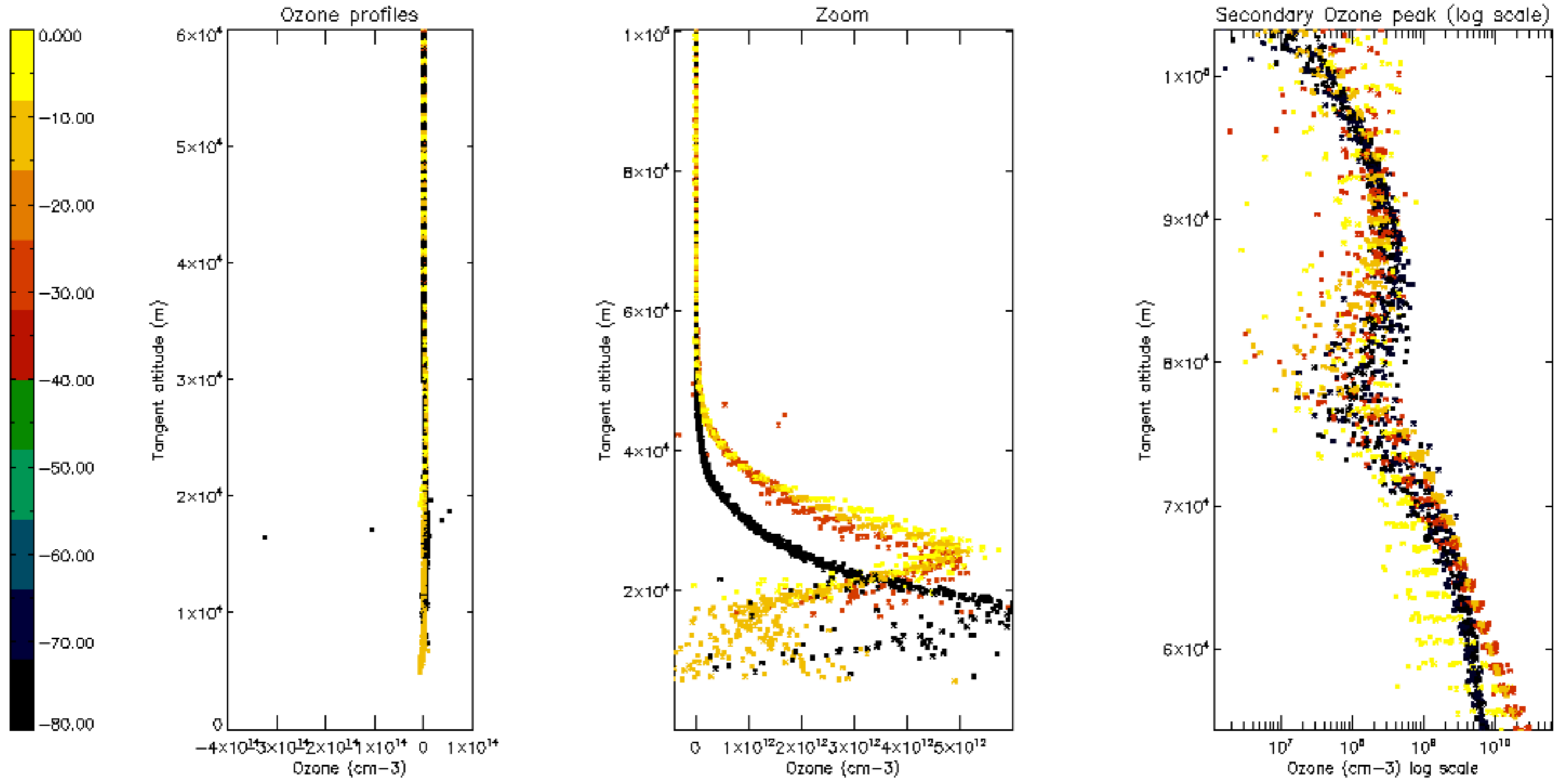


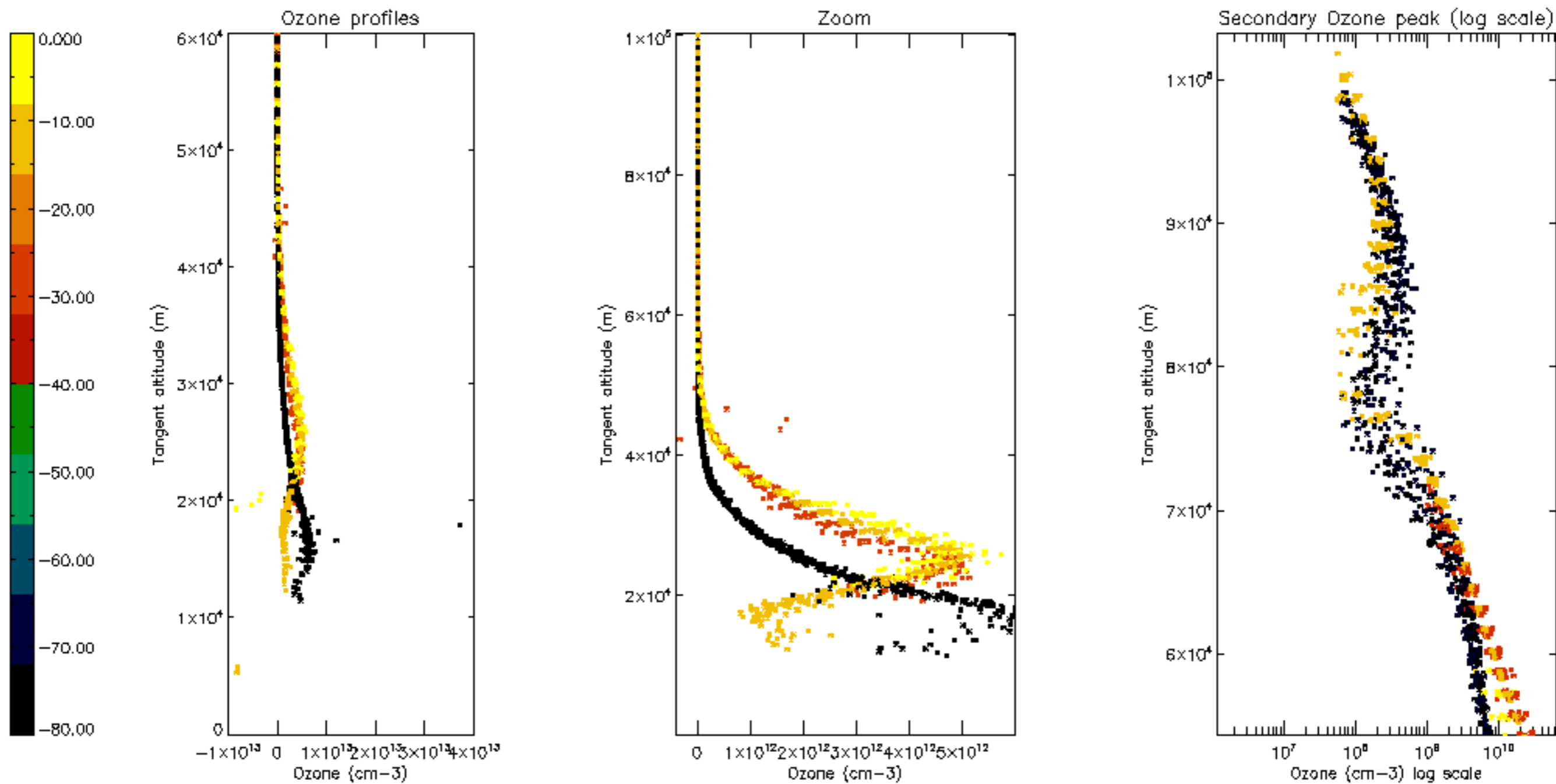
Percentage of star falling outside central band per profile

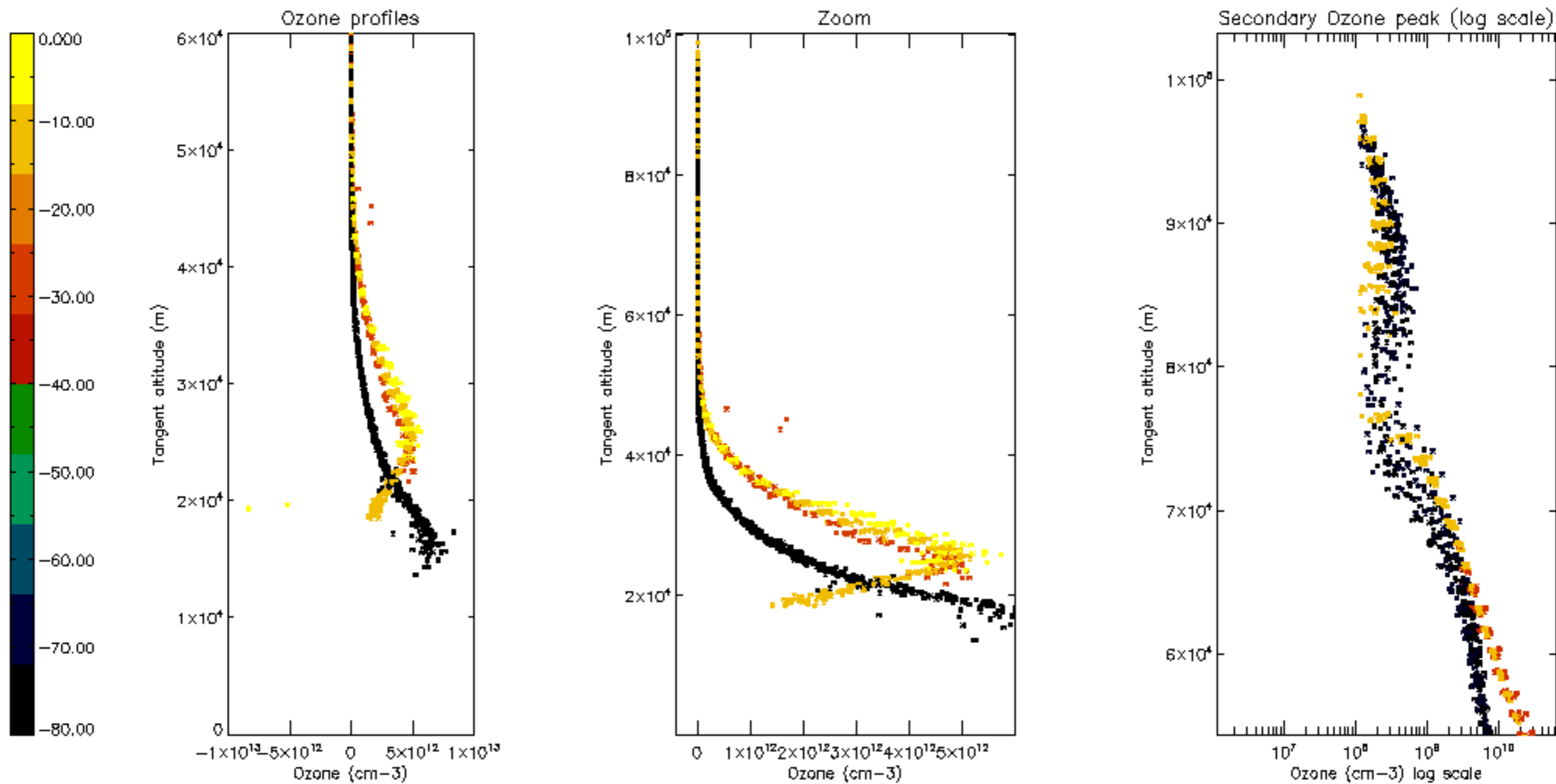


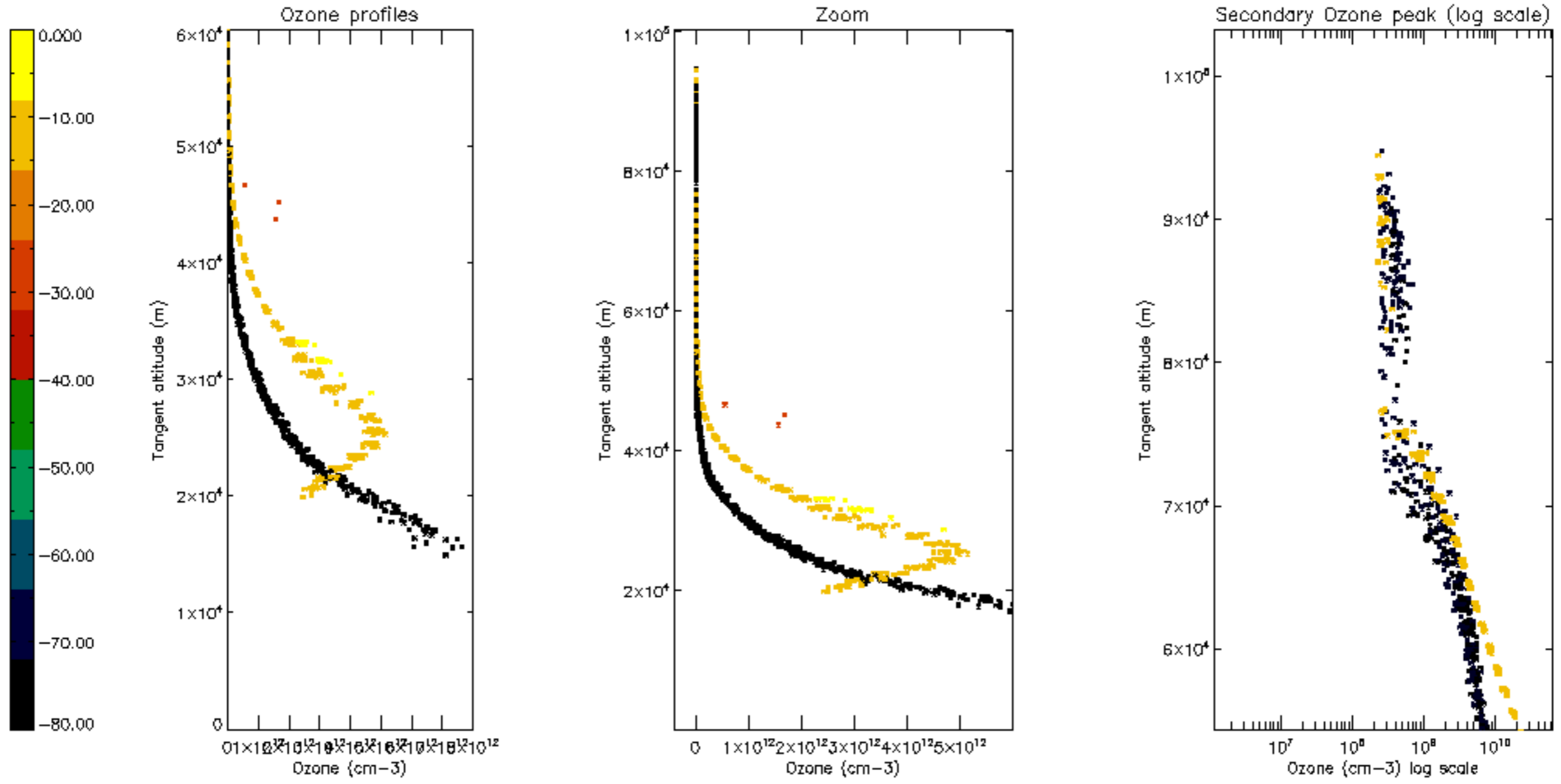
Percentage of saturation errors per profile

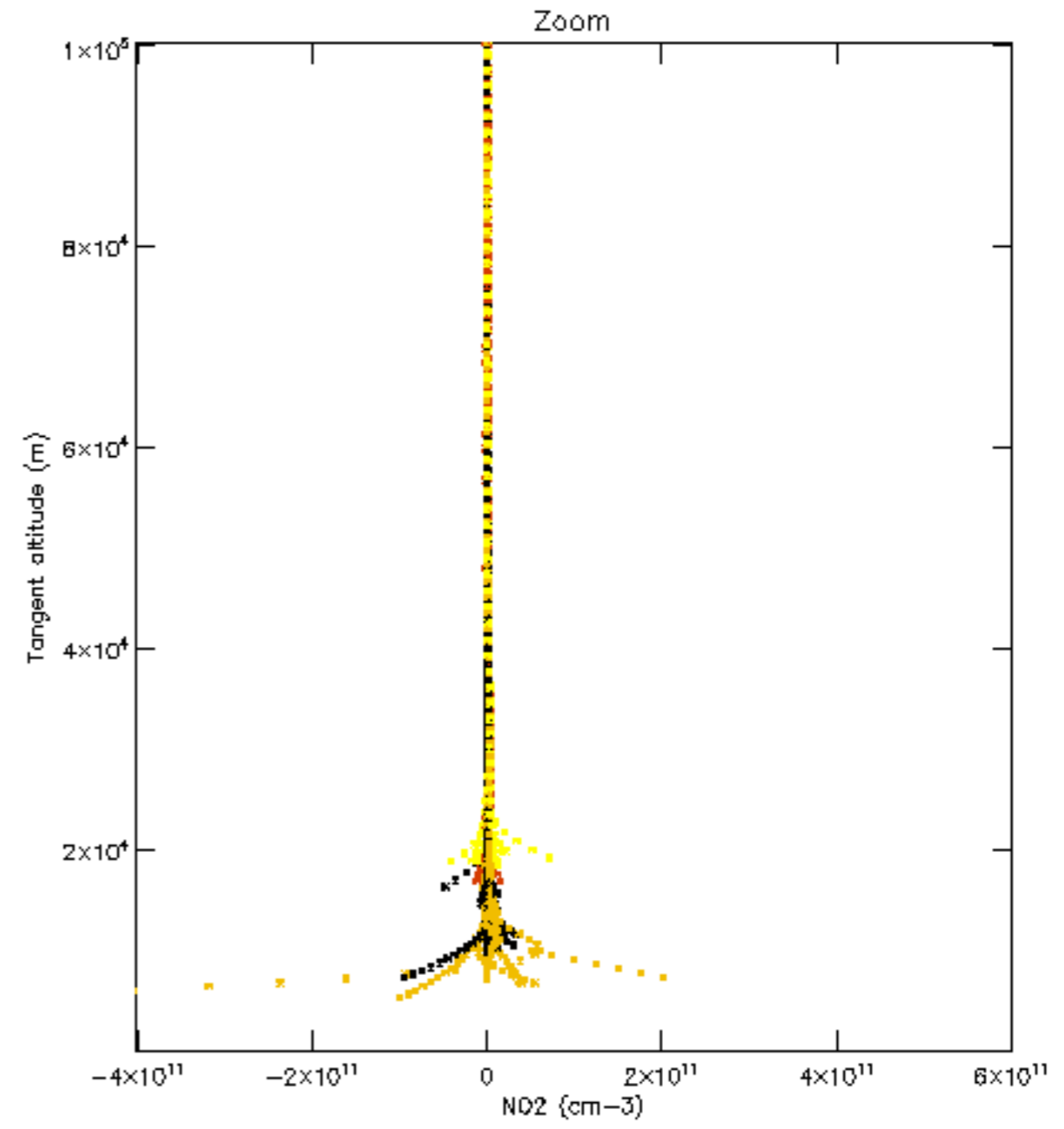
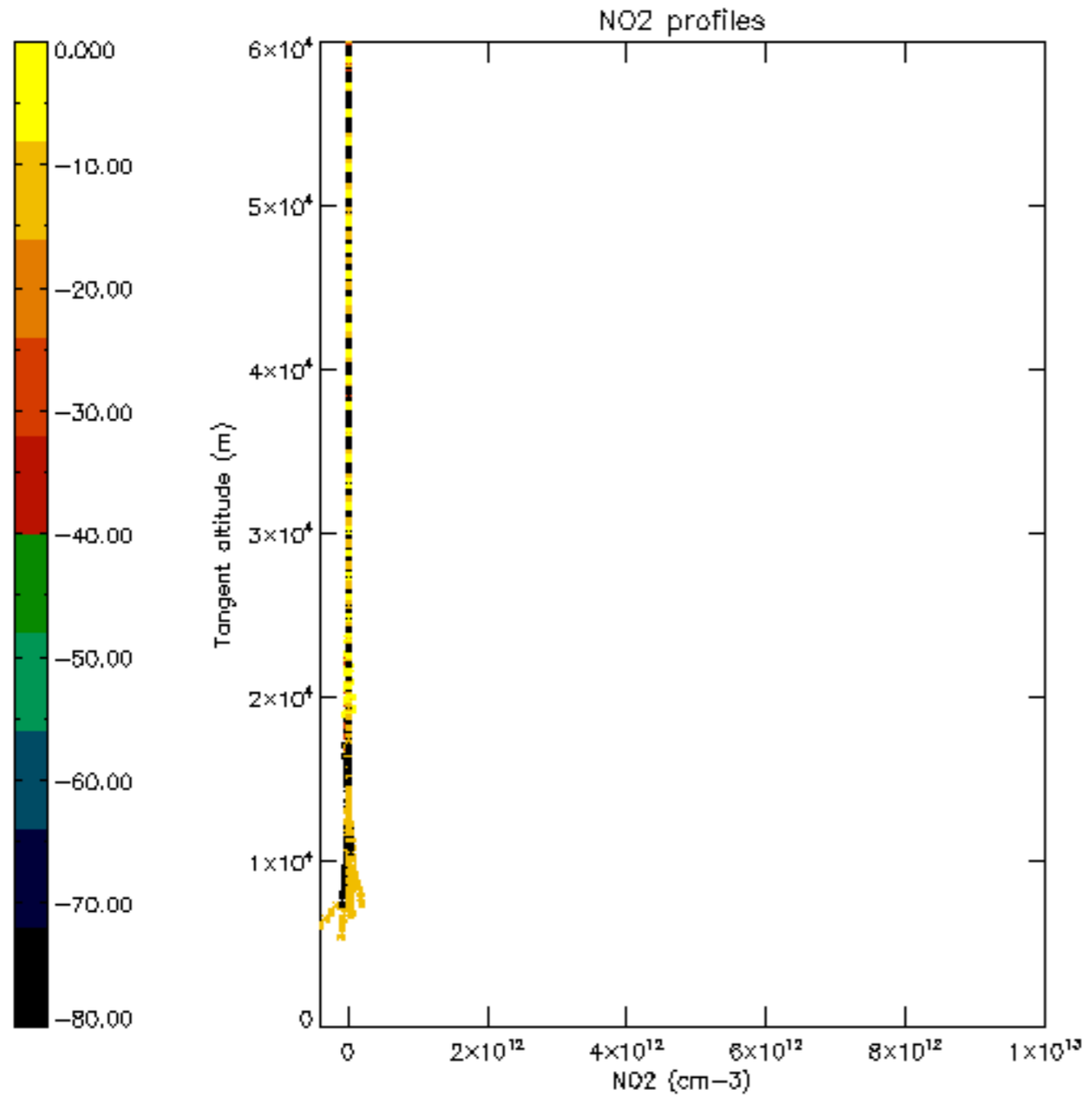


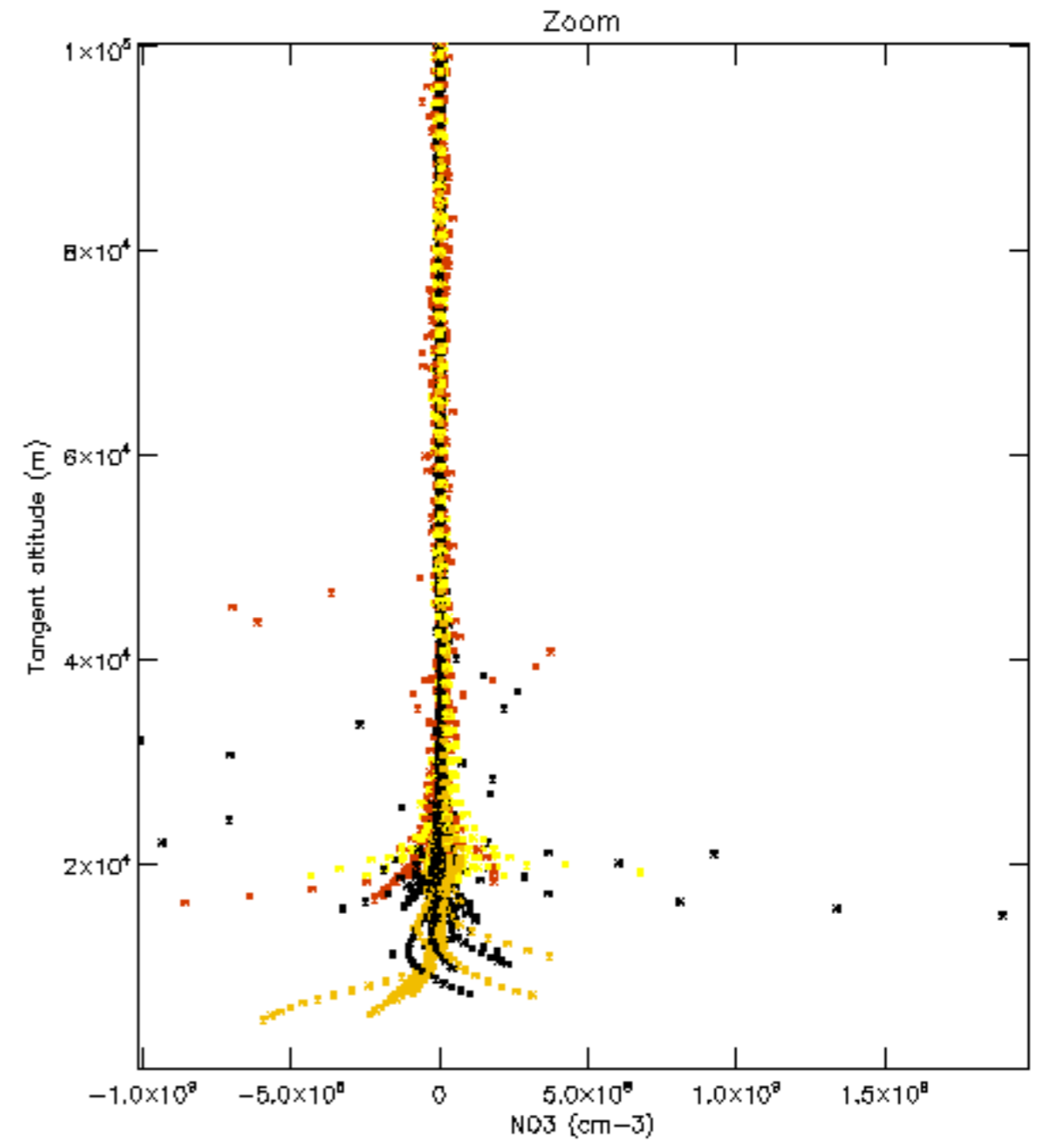
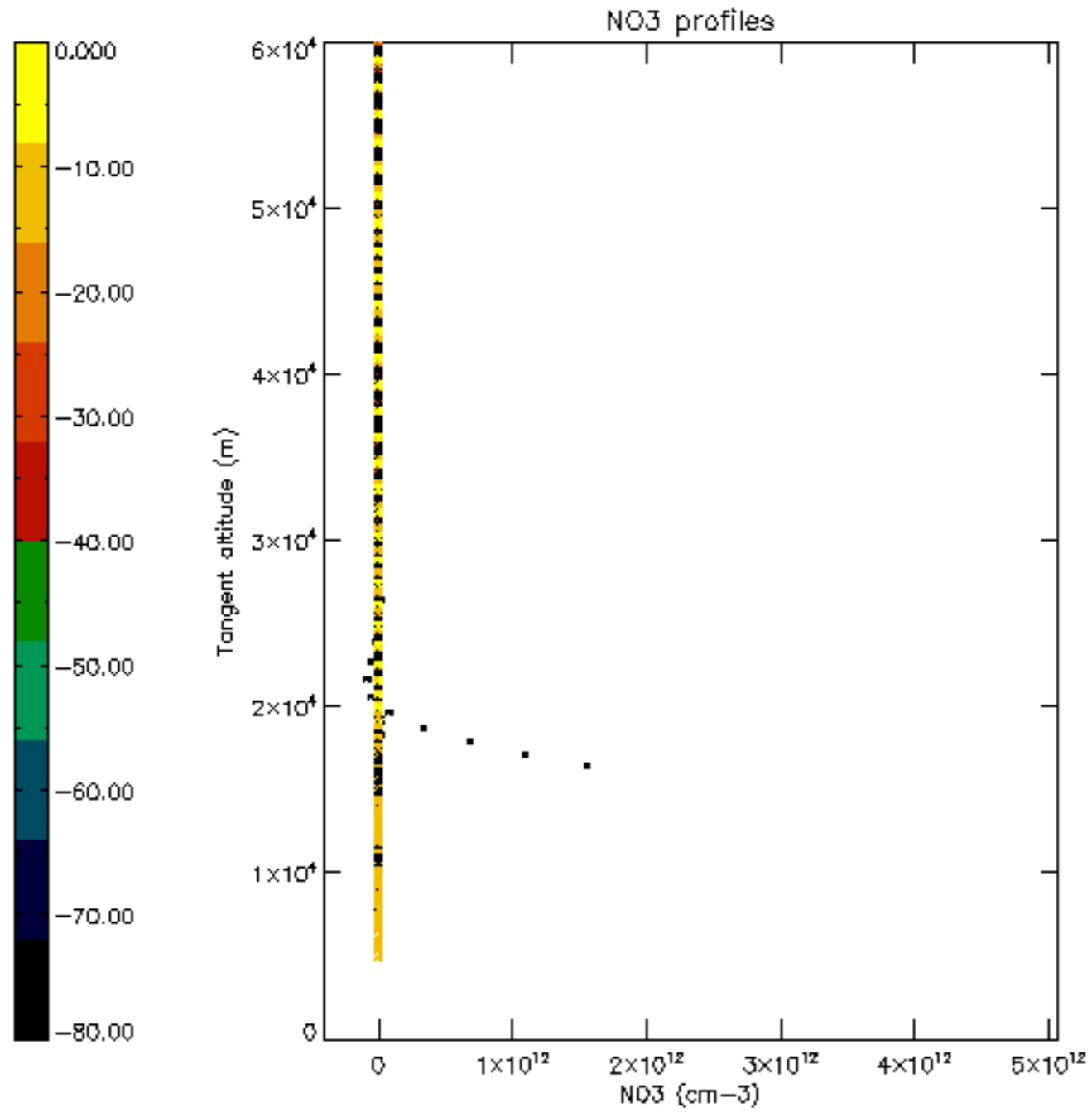


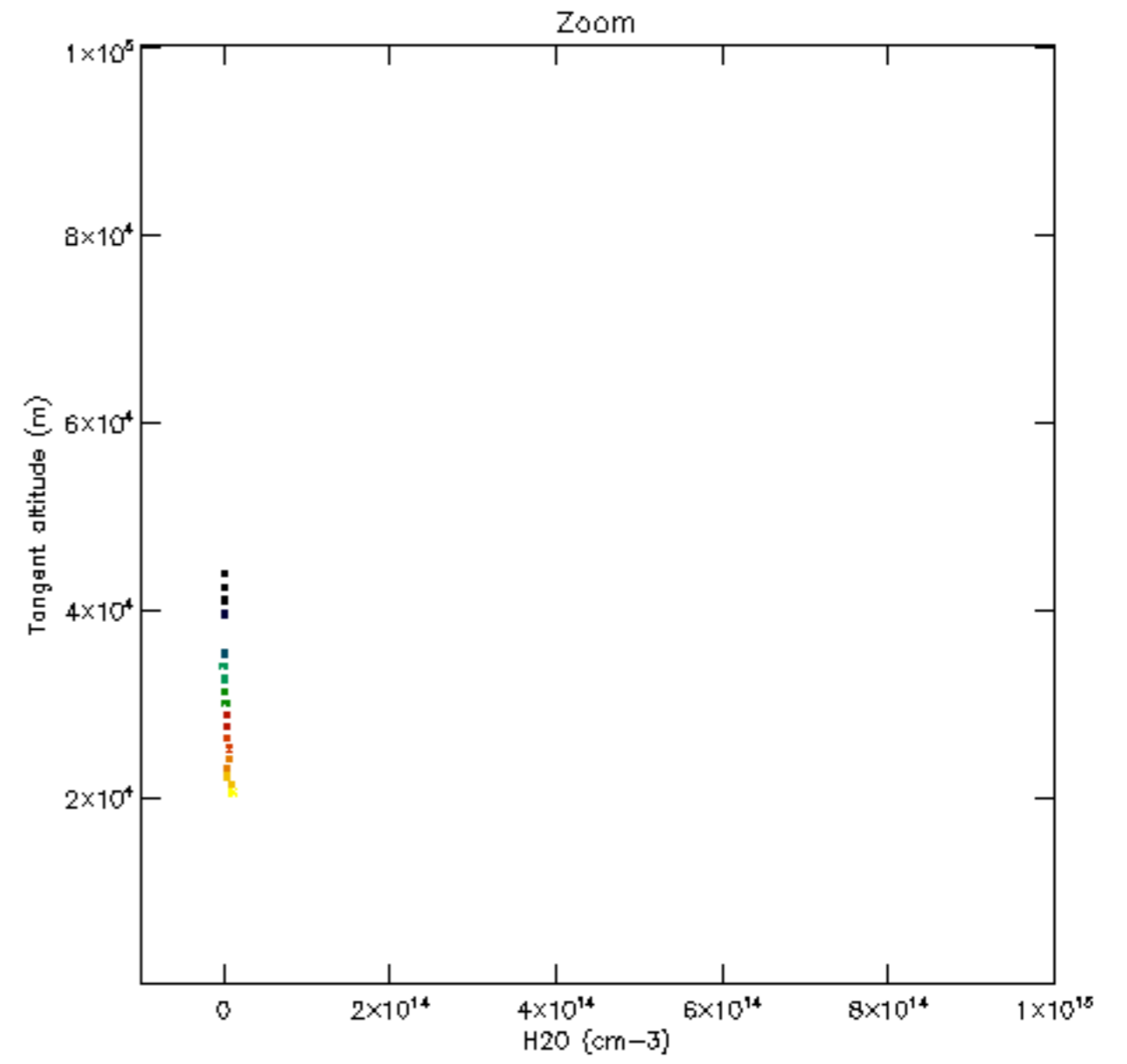
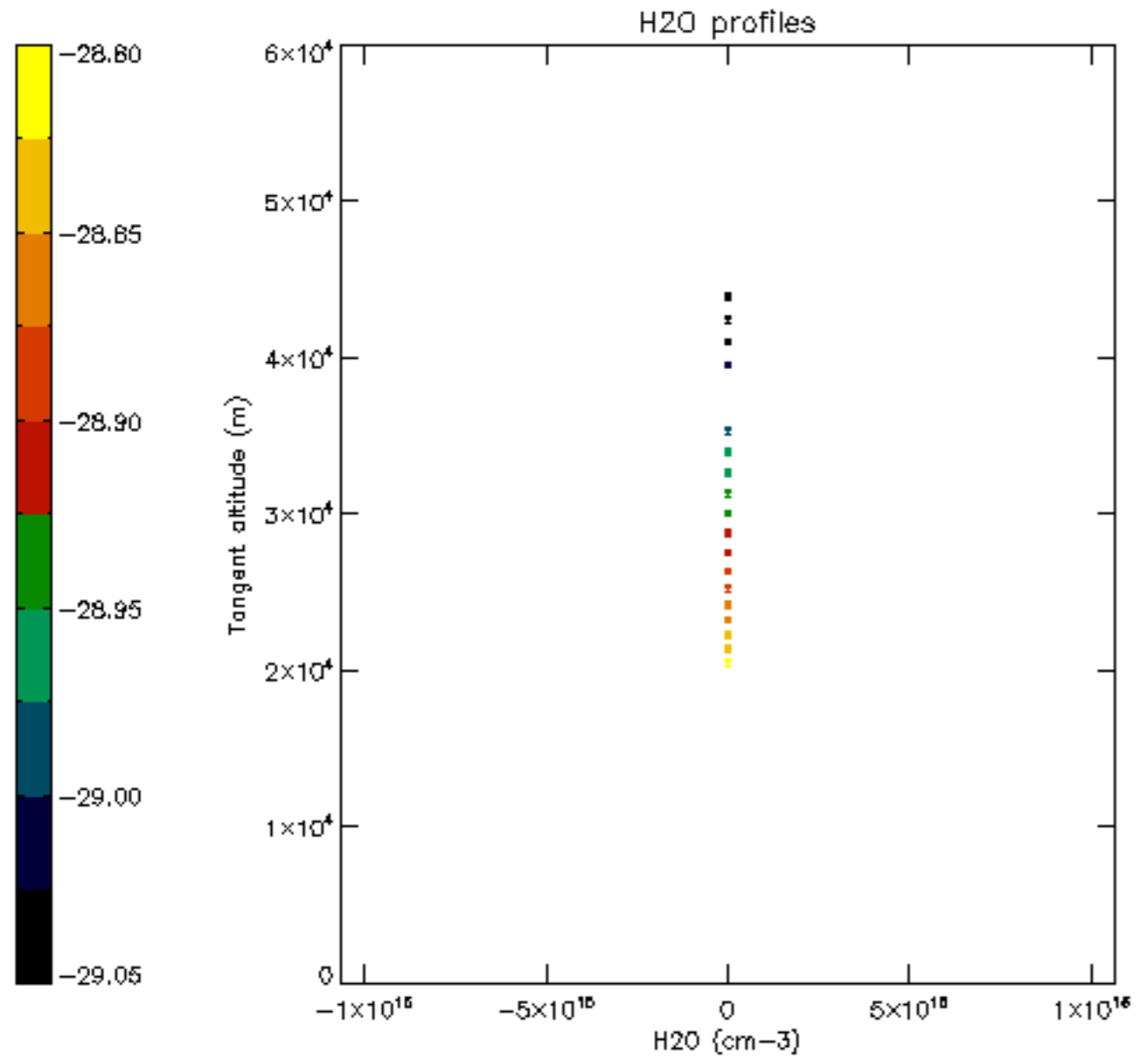


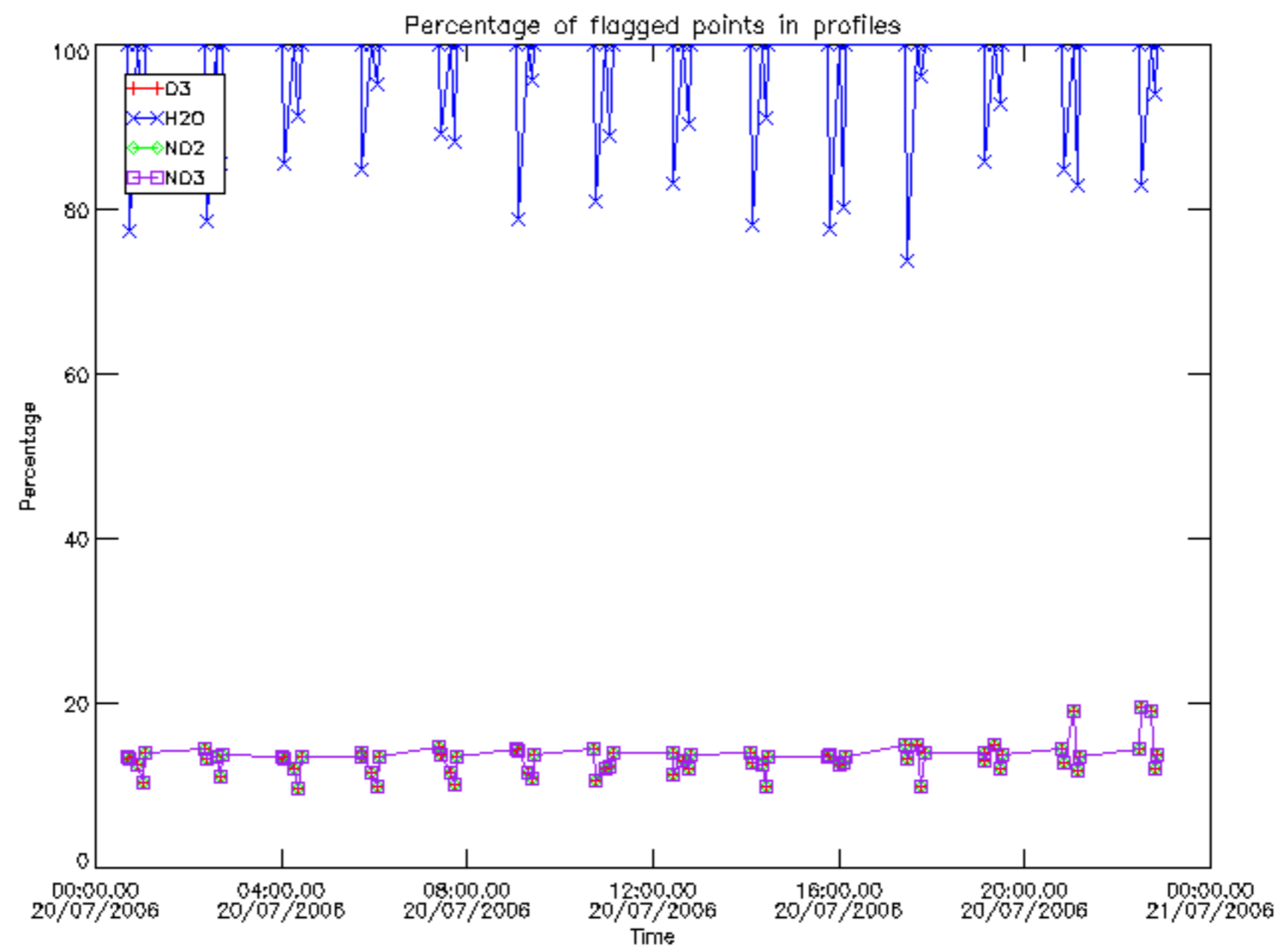




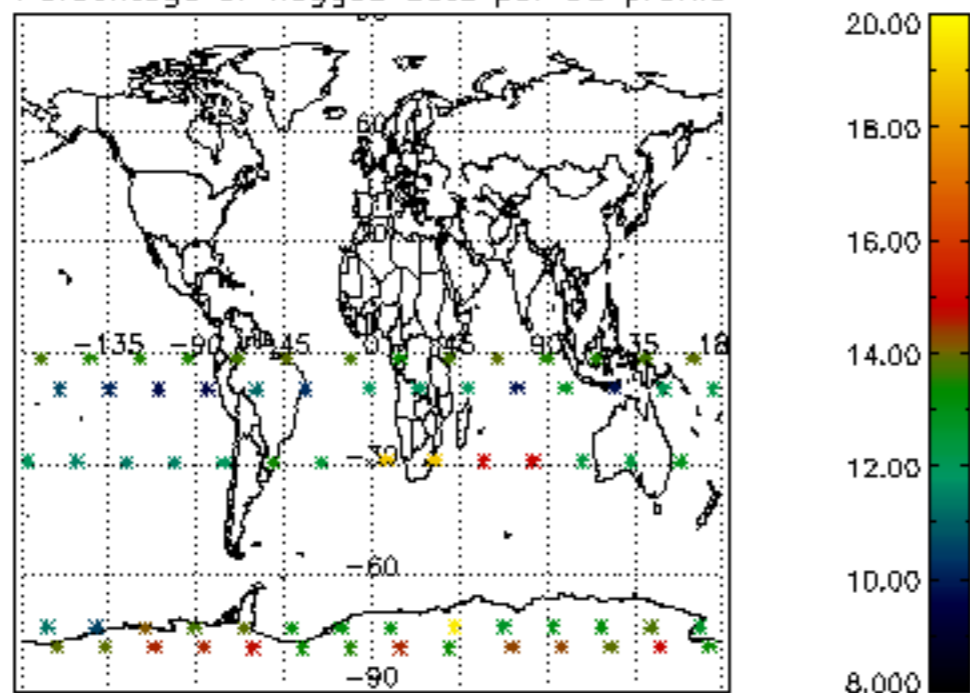




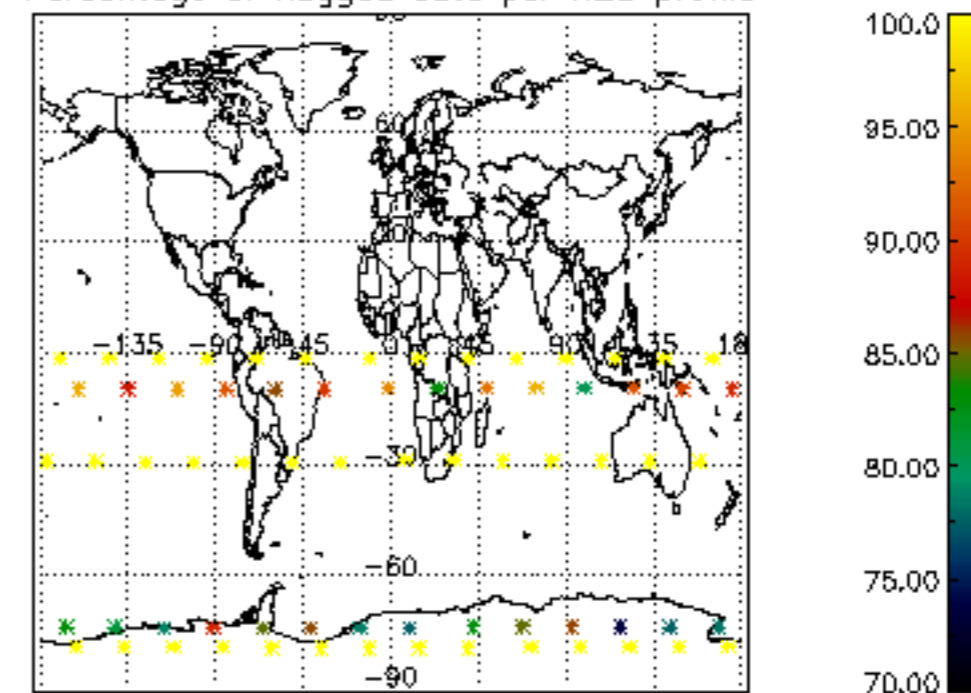




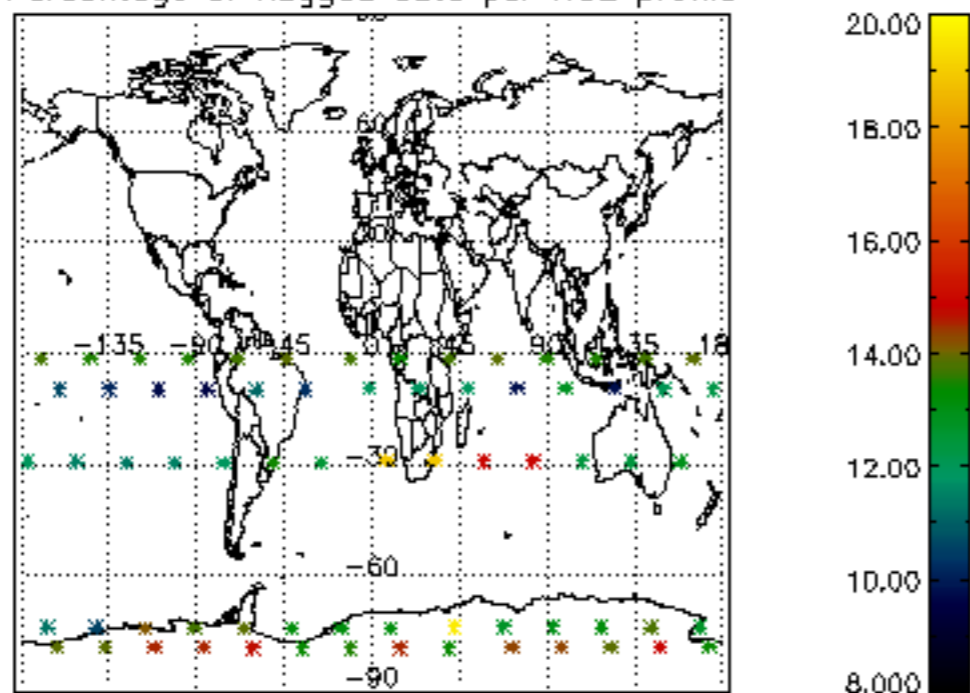
Percentage of flagged data per D3 profile



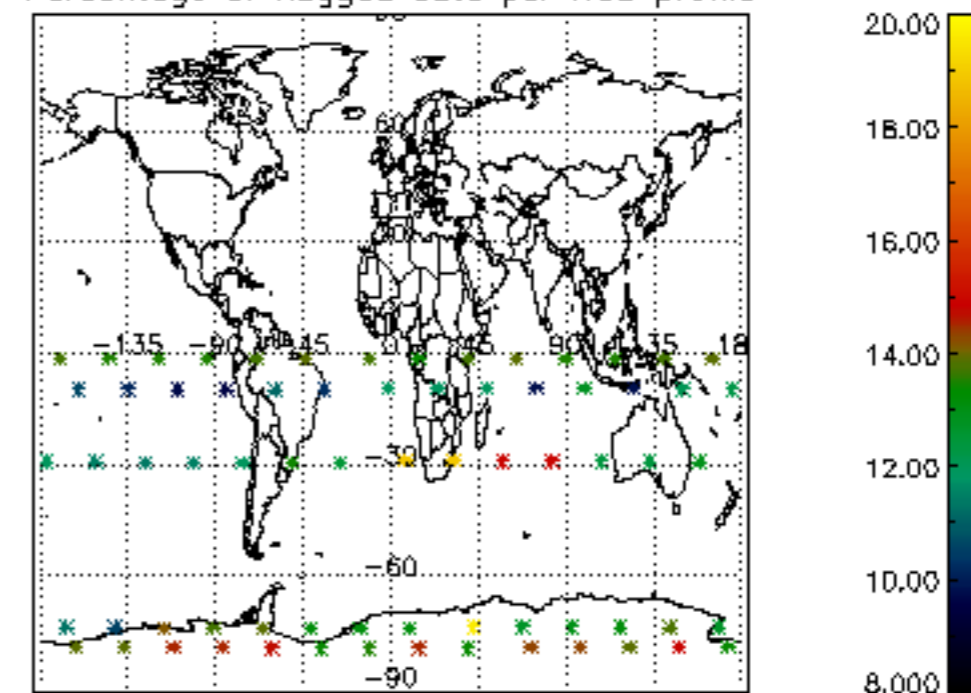
Percentage of flagged data per H2O profile

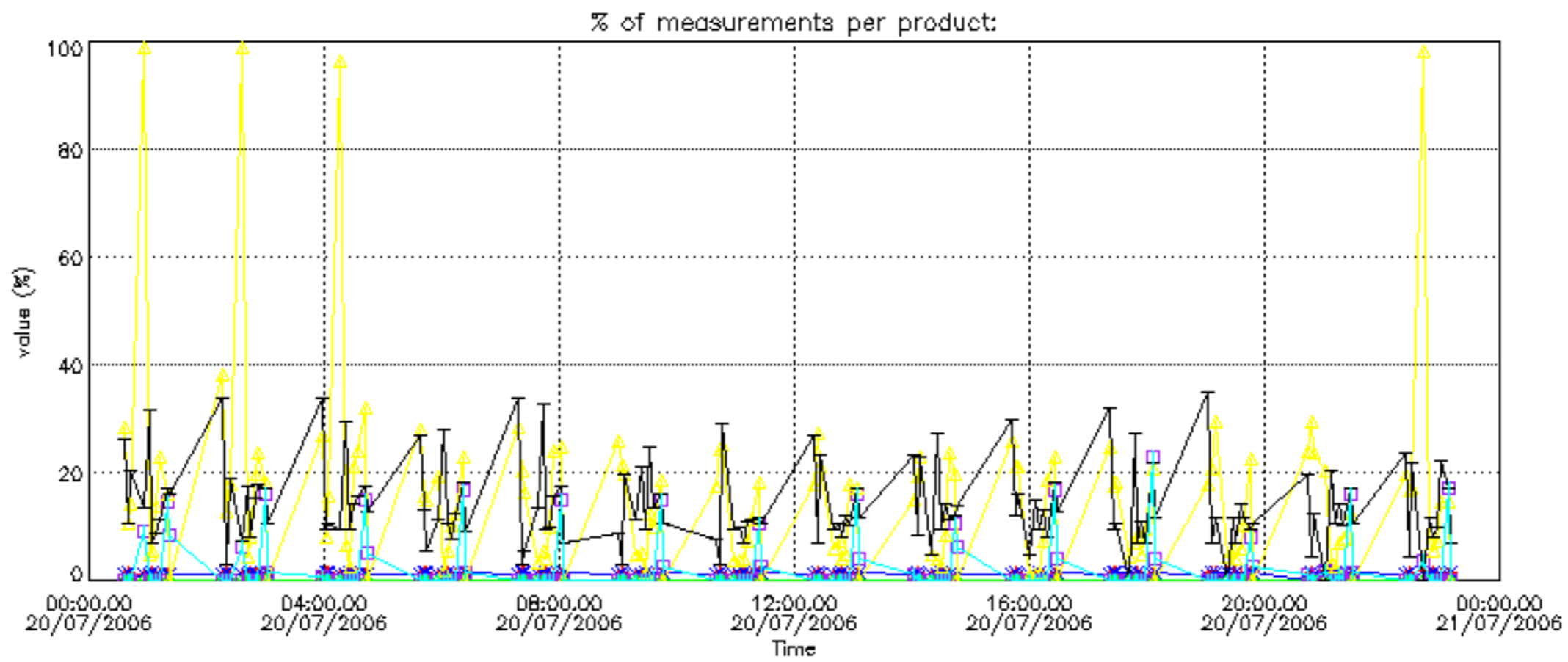


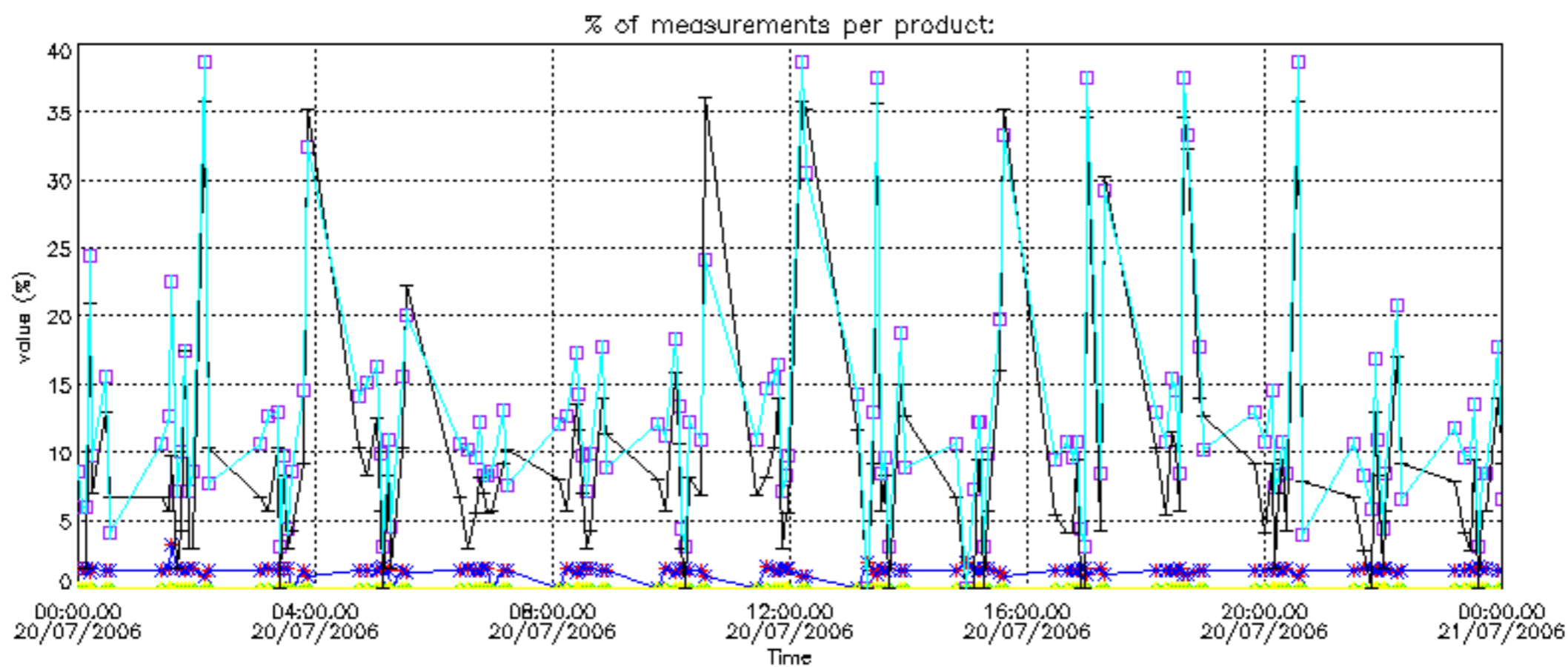
Percentage of flagged data per NO2 profile



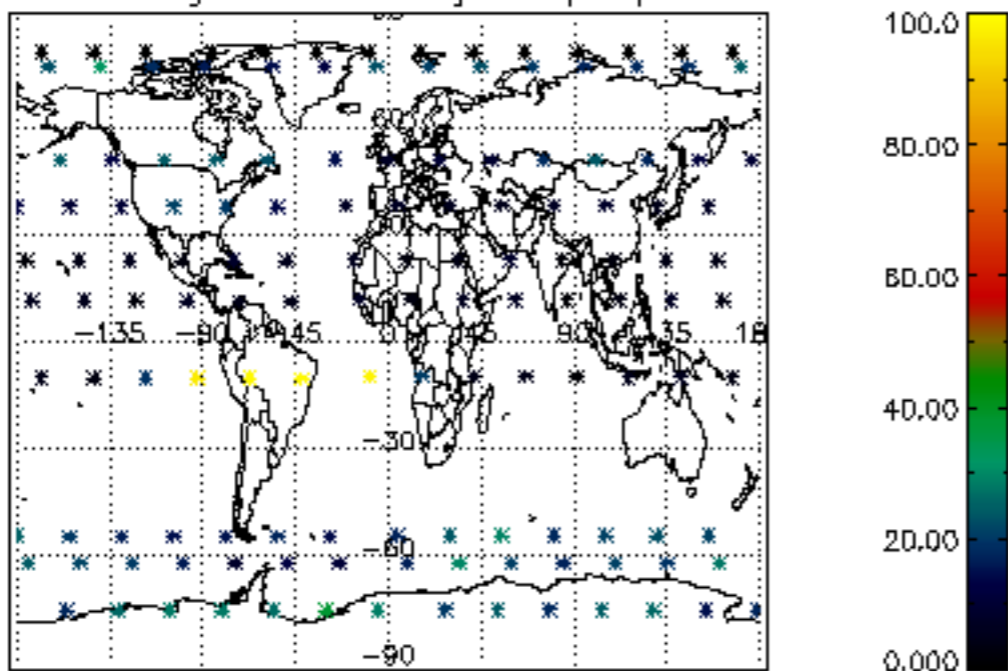
Percentage of flagged data per NO3 profile



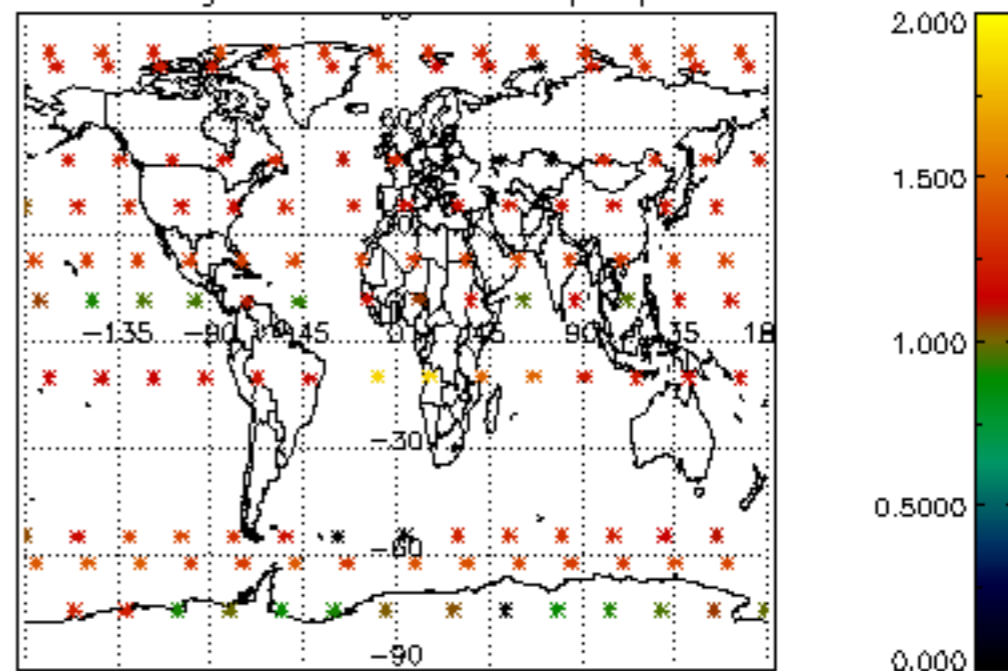




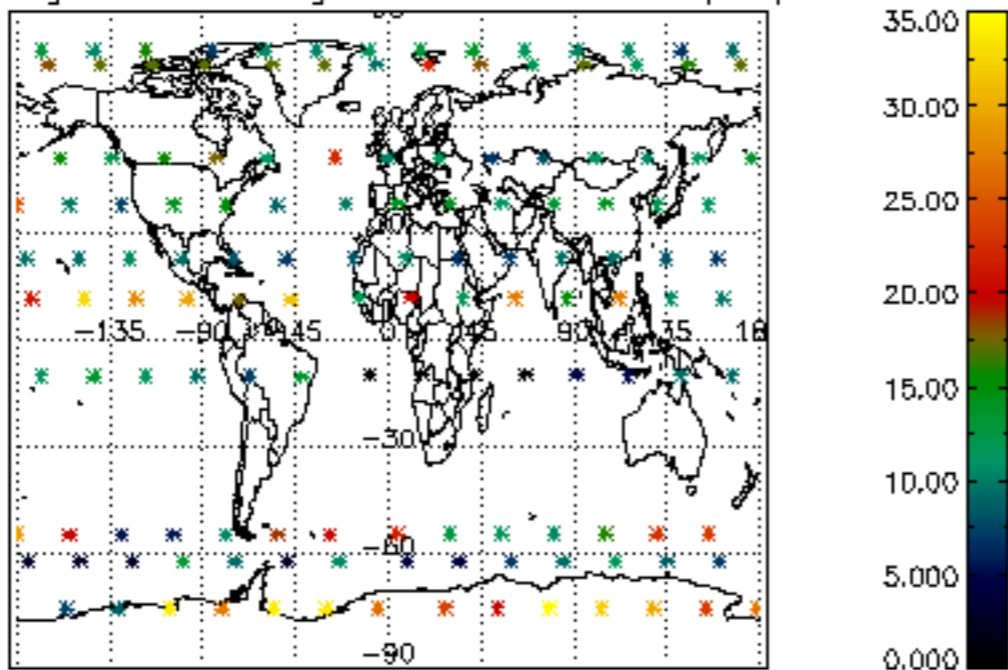
Percentage of cosmic ray hits per profile



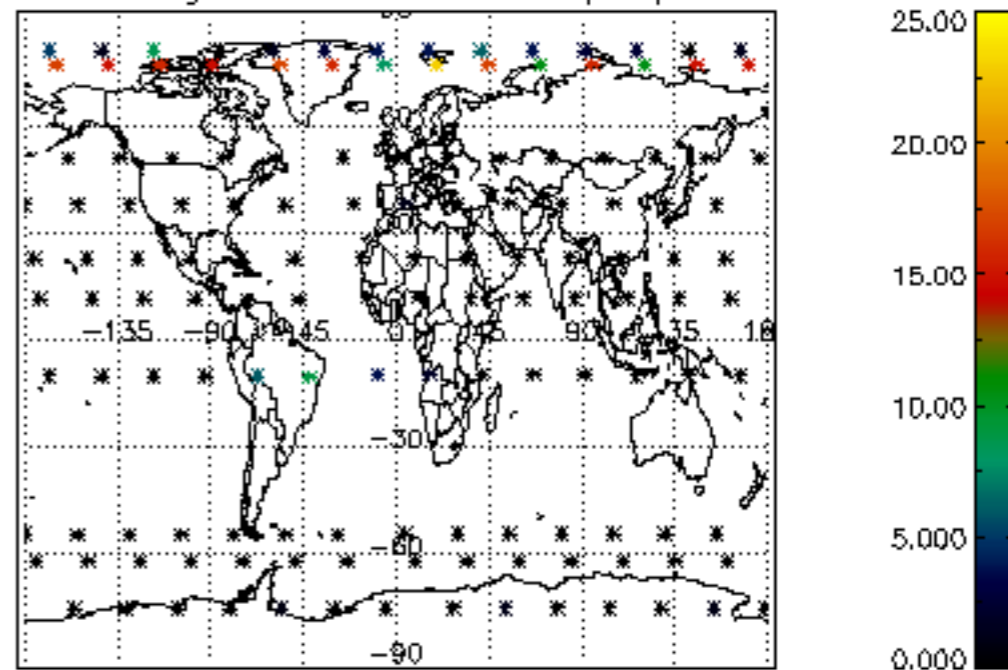
Percentage of datation errors per profile



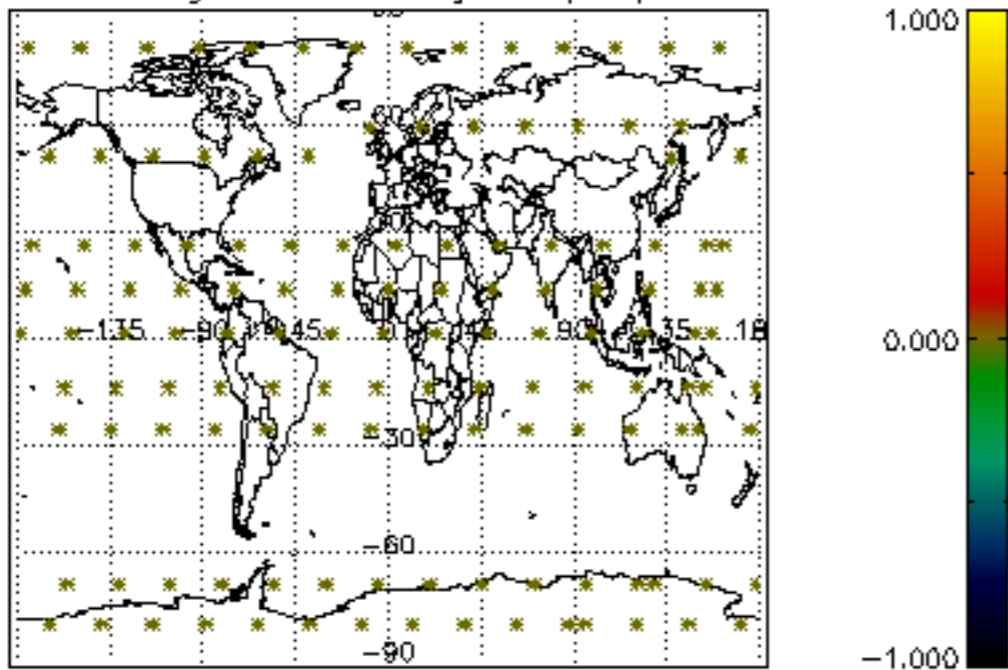
Percentage of star falling outside central band per profile



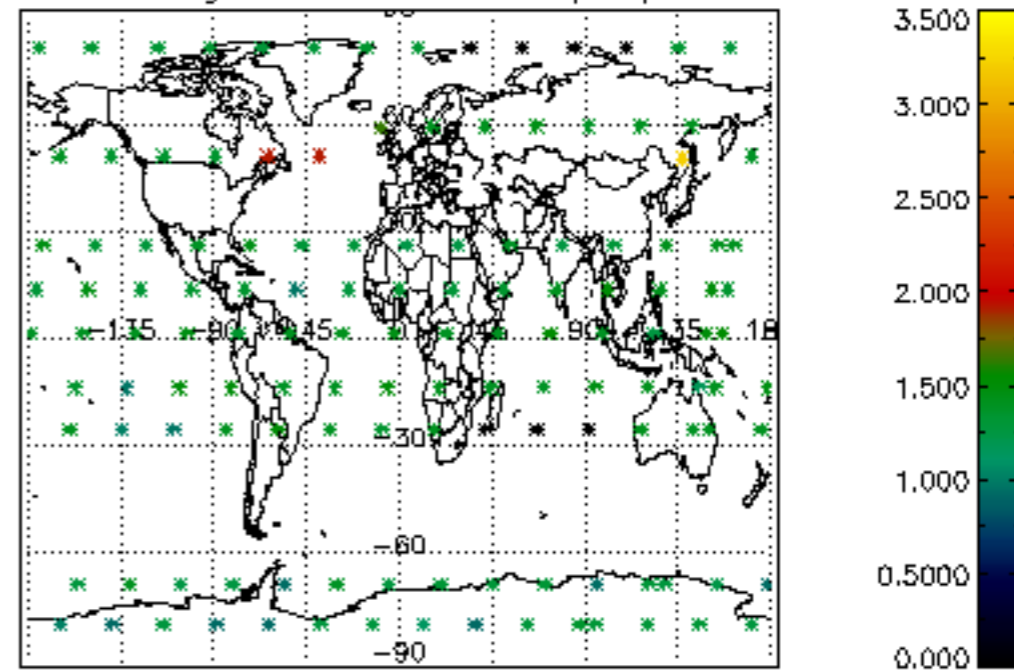
Percentage of saturation errors per profile



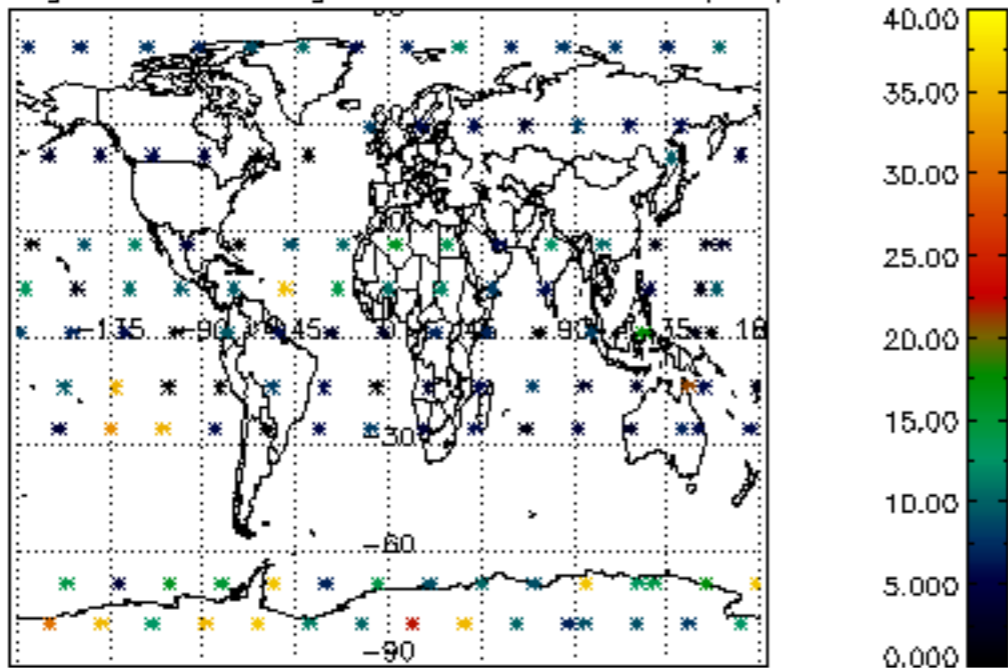
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

