

# 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 01:41:21
Data source version	GOMOS/6.01
Start time of products	13-07-2006 (13JUL2006 00:00:00)
Stop time of products	14-07-2006 (14JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	256
Nb of prods with errors	1

## 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__2PRFIN20060713_000003_000000422049_00231_22830_9911.N1	13-JUL-2006 00:00:03	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	22830	No
2	GOM_NL__2PRFIN20060713_000145_000000382049_00231_22830_9912.N1	13-JUL-2006 00:01:45	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22830	No
3	GOM_NL__2PRFIN20060713_001035_000000352049_00231_22830_9913.N1	13-JUL-2006 00:10:35	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22830	No
4	GOM_NL__2PRFIN20060713_001252_000000352049_00231_22830_9914.N1	13-JUL-2006 00:12:52	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22830	No
5	GOM_NL__2PRFIN20060713_001839_000000362049_00231_22830_9915.N1	13-JUL-2006 00:18:39	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22830	No
6	GOM_NL__2PRFIN20060713_002351_000000342049_00231_22830_9916.N1	13-JUL-2006 00:23:51	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22830	No
7	GOM_NL__2PRFIN20060713_002653_000000352049_00231_22830_9917.N1	13-JUL-2006 00:26:53	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	22830	No
8	GOM_NL__2PRFIN20060713_003105_000000352049_00231_22830_9918.N1	13-JUL-2006 00:31:05	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22830	No
9	GOM_NL__2PRFIN20060713_003448_000000342049_00231_22830_9919.N1	13-JUL-2006 00:34:48	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22830	No
10	GOM_NL__2PRFIN20060713_005553_000000442049_00231_22830_9920.N1	13-JUL-2006 00:55:53	Twilight	43.500	13	87Alp Tau	0.86700	3800.0	87	22830	No
11	GOM_NL__2PRFIN20060713_010214_000000372049_00231_22830_9921.N1	13-JUL-2006 01:02:14	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22830	No
12	GOM_NL__2PRFIN20060713_010507_000000452049_00231_22830_9922.N1	13-JUL-2006 01:05:07	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22830	No
13	GOM_NL__2PRFIN20060713_011359_000000412049_00231_22830_9923.N1	13-JUL-2006 01:13:59	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22830	No
14	GOM_NL__2PRFIN20060713_012009_000000492049_00232_22831_9926.N1	13-JUL-2006 01:20:09	Dark	48.500	9	Alp Eri	0.45300	24000.	97	22831	No
15	GOM_NL__2PRFIN20060713_012357_000000382049_00232_22831_9927.N1	13-JUL-2006 01:23:57	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22831	No
16	GOM_NL__2PRFIN20060713_012743_000000422049_00232_22831_9928.N1	13-JUL-2006 01:27:43	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22831	No
17	GOM_NL__2PRFIN20060713_013142_000000412049_00232_22831_9929.N1	13-JUL-2006 01:31:42	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22831	No
18	GOM_NL__2PRFIN20060713_013826_000000182049_00232_22831_9930.N1	13-JUL-2006 01:38:26	Dark	18.000	40	The Sco	1.8590	7100.0	36	22831	Yes
19	GOM_NL__2PRFIN20060713_014039_000000402049_00232_22831_9931.N1	13-JUL-2006 01:40:39	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	22831	No
20	GOM_NL__2PRFIN20060713_014221_000000382049_00232_22831_9932.N1	13-JUL-2006 01:42:21	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22831	No
21	GOM_NL__2PRFIN20060713_015110_000000352049_00232_22831_9933.N1	13-JUL-2006 01:51:10	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22831	No
22	GOM_NL__2PRFIN20060713_015328_000000352049_00232_22831_9934.N1	13-JUL-2006 01:53:28	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22831	No
23	GOM_NL__2PRFIN20060713_015915_000000342049_00232_22831_9935.N1	13-JUL-2006 01:59:15	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22831	No
24	GOM_NL__2PRFIN20060713_020427_000000372049_00232_22831_9936.N1	13-JUL-2006 02:04:27	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22831	No
25	GOM_NL__2PRFIN20060713_020729_000000362049_00232_22831_9937.N1	13-JUL-2006 02:07:29	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22831	No
26	GOM_NL__2PRFIN20060713_021141_000000342049_00232_22831_9938.N1	13-JUL-2006 02:11:41	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	22831	No
27	GOM_NL__2PRFIN20060713_021524_000000342049_00232_22831_9939.N1	13-JUL-2006 02:15:24	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22831	No
28	GOM_NL__2PRFIN20060713_023629_000000432049_00232_22831_9940.N1	13-JUL-2006 02:36:29	Twilight	42.500	13	87Alp Tau	0.86700	3800.0	85	22831	No
29	GOM_NL__2PRFIN20060713_024250_000000372049_00232_22831_9941.N1	13-JUL-2006 02:42:50	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22831	No
30	GOM_NL__2PRFIN20060713_024543_000000482049_00232_22831_9942.N1	13-JUL-2006 02:45:43	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22831	No
31	GOM_NL__2PRFIN20060713_025435_000000422049_00232_22831_9943.N1	13-JUL-2006 02:54:35	Dark	41.500	157	The1Eri	2.9060	9300.0	83	22831	No
32	GOM_NL__2PRFIN20060713_030046_000000502049_00233_22832_9926.N1	13-JUL-2006 03:00:46	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22832	No
33	GOM_NL__2PRFIN20060713_030433_000000362049_00233_22832_9927.N1	13-JUL-2006 03:04:33	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22832	No
34	GOM_NL__2PRFIN20060713_030819_000000432049_00233_22832_9928.N1	13-JUL-2006 03:08:19	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22832	No
35	GOM_NL__2PRFIN20060713_031218_000000432049_00233_22832_9929.N1	13-JUL-2006 03:12:18	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22832	No
36	GOM_NL__2PRFIN20060713_031941_000000372049_00233_22832_9930.N1	13-JUL-2006 03:19:41	Tw_and_stray	37.000	85	Kap Sco	2.4070	28000.	74	22832	No
37	GOM_NL__2PRFIN20060713_032116_000000492049_00233_22832_9931.N1	13-JUL-2006 03:21:16	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	22832	No
38	GOM_NL__2PRFIN20060713_032258_000000402049_00233_22832_9932.N1	13-JUL-2006 03:22:58	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22832	No
39	GOM_NL__2PRFIN20060713_033147_000000362049_00233_22832_9933.N1	13-JUL-2006 03:31:47	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22832	No
40	GOM_NL__2PRFIN20060713_033404_000000352049_00233_22832_9934.N1	13-JUL-2006 03:34:04	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22832	No
41	GOM_NL__2PRFIN20060713_033952_000000362049_00233_22832_9935.N1	13-JUL-2006 03:39:52	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22832	No
42	GOM_NL__2PRFIN20060713_034502_000000352049_00233_22832_9936.N1	13-JUL-2006 03:45:02	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	22832	No

43	GOM_NL__2PRFIN20060713_034806_000000322049_00233_22832_9937.N1	13-JUL-2006 03:48:06	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	22832	No
44	GOM_NL__2PRFIN20060713_035217_000000352049_00233_22832_9938.N1	13-JUL-2006 03:52:17	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22832	No
45	GOM_NL__2PRFIN20060713_035600_000000352049_00233_22832_9939.N1	13-JUL-2006 03:56:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22832	No
46	GOM_NL__2PRFIN20060713_041705_000000432049_00233_22832_9940.N1	13-JUL-2006 04:17:05	Twilight	43.000	13	87Alp Tau	0.86700	3800.0	86	22832	No
47	GOM_NL__2PRFIN20060713_042326_000000382049_00233_22832_9941.N1	13-JUL-2006 04:23:26	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22832	No
48	GOM_NL__2PRFIN20060713_042619_000000462049_00233_22832_9942.N1	13-JUL-2006 04:26:19	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	22832	No
49	GOM_NL__2PRFIN20060713_043512_000000402049_00233_22832_9943.N1	13-JUL-2006 04:35:12	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22832	No
50	GOM_NL__2PRFIN20060713_044122_000000432049_00234_22833_9926.N1	13-JUL-2006 04:41:22	Dark	43.000	9	Alp Eri	0.45300	24000.	86	22833	No
51	GOM_NL__2PRFIN20060713_044509_000000382049_00234_22833_9927.N1	13-JUL-2006 04:45:09	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22833	No
52	GOM_NL__2PRFIN20060713_044856_000000432049_00234_22833_9928.N1	13-JUL-2006 04:48:56	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	22833	No
53	GOM_NL__2PRFIN20060713_045254_000000402049_00234_22833_9929.N1	13-JUL-2006 04:52:54	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22833	No
54	GOM_NL__2PRFIN20060713_050017_000000362049_00234_22833_9930.N1	13-JUL-2006 05:00:17	Tw_i_and_stray	36.000	85	Kap Sco	2.4070	28000.	72	22833	No
55	GOM_NL__2PRFIN20060713_050152_000000392049_00234_22833_9931.N1	13-JUL-2006 05:01:52	Bright	39.000	103	38Zet Sgr	2.6000	9700.0	78	22833	No
56	GOM_NL__2PRFIN20060713_050334_000000382049_00234_22833_9932.N1	13-JUL-2006 05:03:34	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22833	No
57	GOM_NL__2PRFIN20060713_051223_000000362049_00234_22833_9933.N1	13-JUL-2006 05:12:23	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22833	No
58	GOM_NL__2PRFIN20060713_051440_000000352049_00234_22833_9934.N1	13-JUL-2006 05:14:40	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22833	No
59	GOM_NL__2PRFIN20060713_052028_000000352049_00234_22833_9935.N1	13-JUL-2006 05:20:28	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22833	No
60	GOM_NL__2PRFIN20060713_052538_000000402049_00234_22833_9936.N1	13-JUL-2006 05:25:38	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	22833	No
61	GOM_NL__2PRFIN20060713_052842_000000362049_00234_22833_9937.N1	13-JUL-2006 05:28:42	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22833	No
62	GOM_NL__2PRFIN20060713_053254_000000342049_00234_22833_9938.N1	13-JUL-2006 05:32:54	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22833	No
63	GOM_NL__2PRFIN20060713_053636_000000342049_00234_22833_9939.N1	13-JUL-2006 05:36:36	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22833	No
64	GOM_NL__2PRFIN20060713_055742_000000382049_00234_22833_9940.N1	13-JUL-2006 05:57:42	Twilight	38.000	13	87Alp Tau	0.86700	3800.0	76	22833	No
65	GOM_NL__2PRFIN20060713_060402_000000392049_00234_22833_9941.N1	13-JUL-2006 06:04:02	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22833	No
66	GOM_NL__2PRFIN20060713_060656_000000482049_00234_22833_9942.N1	13-JUL-2006 06:06:56	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22833	No
67	GOM_NL__2PRFIN20060713_061549_000000432049_00234_22833_9943.N1	13-JUL-2006 06:15:49	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22833	No
68	GOM_NL__2PRFIN20060713_062159_000000532049_00235_22834_9926.N1	13-JUL-2006 06:21:59	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22834	No
69	GOM_NL__2PRFIN20060713_062546_000000372049_00235_22834_9927.N1	13-JUL-2006 06:25:46	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22834	No
70	GOM_NL__2PRFIN20060713_062932_000000442049_00235_22834_9928.N1	13-JUL-2006 06:29:32	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	22834	No
71	GOM_NL__2PRFIN20060713_063331_000000392049_00235_22834_9929.N1	13-JUL-2006 06:33:31	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22834	No
72	GOM_NL__2PRFIN20060713_064053_000000412049_00235_22834_9930.N1	13-JUL-2006 06:40:53	Tw_i_and_stray	41.000	85	Kap Sco	2.4070	28000.	82	22834	No
73	GOM_NL__2PRFIN20060713_064228_000000422049_00235_22834_9931.N1	13-JUL-2006 06:42:28	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22834	No
74	GOM_NL__2PRFIN20060713_064410_000000402049_00235_22834_9932.N1	13-JUL-2006 06:44:10	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22834	No
75	GOM_NL__2PRFIN20060713_065259_000000342049_00235_22834_9933.N1	13-JUL-2006 06:52:59	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	22834	No
76	GOM_NL__2PRFIN20060713_065516_000000372049_00235_22834_9934.N1	13-JUL-2006 06:55:16	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22834	No
77	GOM_NL__2PRFIN20060713_070104_000000362049_00235_22834_9935.N1	13-JUL-2006 07:01:04	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22834	No
78	GOM_NL__2PRFIN20060713_070614_000000372049_00235_22834_9936.N1	13-JUL-2006 07:06:14	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22834	No
79	GOM_NL__2PRFIN20060713_070918_000000362049_00235_22834_9937.N1	13-JUL-2006 07:09:18	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22834	No
80	GOM_NL__2PRFIN20060713_071330_000000362049_00235_22834_9938.N1	13-JUL-2006 07:13:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22834	No
81	GOM_NL__2PRFIN20060713_071712_000000352049_00235_22834_9939.N1	13-JUL-2006 07:17:12	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22834	No
82	GOM_NL__2PRFIN20060713_073818_000000462049_00235_22834_9940.N1	13-JUL-2006 07:38:18	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	22834	No
83	GOM_NL__2PRFIN20060713_074439_000000392049_00235_22834_9941.N1	13-JUL-2006 07:44:39	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22834	No
84	GOM_NL__2PRFIN20060713_074732_000000452049_00235_22834_9942.N1	13-JUL-2006 07:47:32	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22834	No
85	GOM_NL__2PRFIN20060713_075625_000000402049_00235_22834_9943.N1	13-JUL-2006 07:56:25	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22834	No
86	GOM_NL__2PRFIN20060713_080236_000000422049_00236_22835_9926.N1	13-JUL-2006 08:02:36	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22835	No
87	GOM_NL__2PRFIN20060713_080622_000000372049_00236_22835_9927.N1	13-JUL-2006 08:06:22	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22835	No
88	GOM_NL__2PRFIN20060713_081009_000000422049_00236_22835_9928.N1	13-JUL-2006 08:10:09	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22835	No
89	GOM_NL__2PRFIN20060713_081407_000000392049_00236_22835_9929.N1	13-JUL-2006 08:14:07	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22835	No
90	GOM_NL__2PRFIN20060713_082129_000000392049_00236_22835_9930.N1	13-JUL-2006 08:21:29	Tw_i_and_stray	39.000	85	Kap Sco	2.4070	28000.	78	22835	No
91	GOM_NL__2PRFIN20060713_082304_000000472049_00236_22835_9931.N1	13-JUL-2006 08:23:04	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	22835	No
92	GOM_NL__2PRFIN20060713_082446_000000372049_00236_22835_9932.N1	13-JUL-2006 08:24:46	Bright	37.000	137	22Lam Sgr	2.8240	4400.0	74	22835	No
93	GOM_NL__2PRFIN20060713_083335_000000352049_00236_22835_9933.N1	13-JUL-2006 08:33:35	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22835	No
94	GOM_NL__2PRFIN20060713_083552_000000352049_00236_22835_9934.N1	13-JUL-2006 08:35:52	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22835	No
95	GOM_NL__2PRFIN20060713_084140_000000362049_00236_22835_9935.N1	13-JUL-2006 08:41:40	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22835	No
96	GOM_NL__2PRFIN20060713_084650_000000372049_00236_22835_9936.N1	13-JUL-2006 08:46:50	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22835	No
97	GOM_NL__2PRFIN20060713_084954_000000522049_00236_22835_9937.N1	13-JUL-2006 08:49:54	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	22835	No
98	GOM_NL__2PRFIN20060713_085406_000000352049_00236_22835_9938.N1	13-JUL-2006 08:54:06	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22835	No
99	GOM_NL__2PRFIN20060713_085748_000000352049_00236_22835_9939.N1	13-JUL-2006 08:57:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22835	No
100	GOM_NL__2PRFIN20060713_091854_000000462049_00236_22835_9940.N1	13-JUL-2006 09:18:54	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	22835	No
101	GOM_NL__2PRFIN20060713_092515_000000432049_00236_22835_9941.N1	13-JUL-2006 09:25:15	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22835	No

102	GOM_NL__2PRFIN20060713_092809_000000472049_00236_22835_9942.N1	13-JUL-2006 09:28:09	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	22835	No
103	GOM_NL__2PRFIN20060713_093702_000000442049_00236_22835_9943.N1	13-JUL-2006 09:37:02	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22835	No
104	GOM_NL__2PRFIN20060713_094312_000000522049_00237_22836_9926.N1	13-JUL-2006 09:43:12	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22836	No
105	GOM_NL__2PRFIN20060713_094658_000000372049_00237_22836_9927.N1	13-JUL-2006 09:46:58	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22836	No
106	GOM_NL__2PRFIN20060713_095045_000000422049_00237_22836_9928.N1	13-JUL-2006 09:50:45	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22836	No
107	GOM_NL__2PRFIN20060713_095444_000000412049_00237_22836_9929.N1	13-JUL-2006 09:54:44	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22836	No
108	GOM_NL__2PRFIN20060713_100206_000000402049_00237_22836_9930.N1	13-JUL-2006 10:02:06	Twilight	39.500	85	Kap Sco	2.4070	28000.	79	22836	No
109	GOM_NL__2PRFIN20060713_100340_000000422049_00237_22836_9931.N1	13-JUL-2006 10:03:40	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	22836	No
110	GOM_NL__2PRFIN20060713_100522_000000402049_00237_22836_9932.N1	13-JUL-2006 10:05:22	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22836	No
111	GOM_NL__2PRFIN20060713_101411_000000352049_00237_22836_9933.N1	13-JUL-2006 10:14:11	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22836	No
112	GOM_NL__2PRFIN20060713_101628_000000362049_00237_22836_9934.N1	13-JUL-2006 10:16:28	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22836	No
113	GOM_NL__2PRFIN20060713_102216_000000382049_00237_22836_9935.N1	13-JUL-2006 10:22:16	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	22836	No
114	GOM_NL__2PRFIN20060713_102726_000000392049_00237_22836_9936.N1	13-JUL-2006 10:27:26	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22836	No
115	GOM_NL__2PRFIN20060713_103030_000000362049_00237_22836_9937.N1	13-JUL-2006 10:30:30	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22836	No
116	GOM_NL__2PRFIN20060713_103442_000000362049_00237_22836_9938.N1	13-JUL-2006 10:34:42	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22836	No
117	GOM_NL__2PRFIN20060713_103824_000000362049_00237_22836_9939.N1	13-JUL-2006 10:38:24	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22836	No
118	GOM_NL__2PRFIN20060713_105930_000000482049_00237_22836_9940.N1	13-JUL-2006 10:59:30	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	22836	No
119	GOM_NL__2PRFIN20060713_110551_000000452049_00237_22836_9941.N1	13-JUL-2006 11:05:51	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	22836	No
120	GOM_NL__2PRFIN20060713_110845_000000442049_00237_22836_9942.N1	13-JUL-2006 11:08:45	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22836	No
121	GOM_NL__2PRFIN20060713_111738_000000392049_00237_22836_9943.N1	13-JUL-2006 11:17:38	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22836	No
122	GOM_NL__2PRFIN20060713_112349_000000462049_00238_22837_9926.N1	13-JUL-2006 11:23:49	Dark	45.500	9	Alp Eri	0.45300	24000.	91	22837	No
123	GOM_NL__2PRFIN20060713_112734_000000372049_00238_22837_9927.N1	13-JUL-2006 11:27:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22837	No
124	GOM_NL__2PRFIN20060713_113122_000000422049_00238_22837_9928.N1	13-JUL-2006 11:31:22	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22837	No
125	GOM_NL__2PRFIN20060713_113520_000000402049_00238_22837_9929.N1	13-JUL-2006 11:35:20	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22837	No
126	GOM_NL__2PRFIN20060713_114242_000000382049_00238_22837_9930.N1	13-JUL-2006 11:42:42	Twilight	38.000	85	Kap Sco	2.4070	28000.	76	22837	No
127	GOM_NL__2PRFIN20060713_114417_000000422049_00238_22837_9931.N1	13-JUL-2006 11:44:17	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22837	No
128	GOM_NL__2PRFIN20060713_114558_000000392049_00238_22837_9932.N1	13-JUL-2006 11:45:58	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	22837	No
129	GOM_NL__2PRFIN20060713_115447_000000372049_00238_22837_9933.N1	13-JUL-2006 11:54:47	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22837	No
130	GOM_NL__2PRFIN20060713_115704_000000362049_00238_22837_9934.N1	13-JUL-2006 11:57:04	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22837	No
131	GOM_NL__2PRFIN20060713_120252_000000372049_00238_22837_9935.N1	13-JUL-2006 12:02:52	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22837	No
132	GOM_NL__2PRFIN20060713_120802_000000412049_00238_22837_9936.N1	13-JUL-2006 12:08:02	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	22837	No
133	GOM_NL__2PRFIN20060713_121106_000000352049_00238_22837_9937.N1	13-JUL-2006 12:11:06	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22837	No
134	GOM_NL__2PRFIN20060713_121518_000000362049_00238_22837_9938.N1	13-JUL-2006 12:15:18	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22837	No
135	GOM_NL__2PRFIN20060713_121900_000000362049_00238_22837_9939.N1	13-JUL-2006 12:19:00	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22837	No
136	GOM_NL__2PRFIN20060713_124006_000000512049_00238_22837_9940.N1	13-JUL-2006 12:40:06	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	22837	No
137	GOM_NL__2PRFIN20060713_124627_000000462049_00238_22837_9941.N1	13-JUL-2006 12:46:27	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	22837	No
138	GOM_NL__2PRFIN20060713_124921_000000442049_00238_22837_9942.N1	13-JUL-2006 12:49:21	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22837	No
139	GOM_NL__2PRFIN20060713_125815_000000392049_00238_22837_9943.N1	13-JUL-2006 12:58:15	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22837	No
140	GOM_NL__2PRFIN20060713_130425_000000432049_00239_22838_9926.N1	13-JUL-2006 13:04:25	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22838	No
141	GOM_NL__2PRFIN20060713_130810_000000372049_00239_22838_9927.N1	13-JUL-2006 13:08:10	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22838	No
142	GOM_NL__2PRFIN20060713_131158_000000422049_00239_22838_9928.N1	13-JUL-2006 13:11:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22838	No
143	GOM_NL__2PRFIN20060713_131556_000000392049_00239_22838_9929.N1	13-JUL-2006 13:15:56	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22838	No
144	GOM_NL__2PRFIN20060713_132318_000000372049_00239_22838_9930.N1	13-JUL-2006 13:23:18	Twilight	36.500	85	Kap Sco	2.4070	28000.	73	22838	No
145	GOM_NL__2PRFIN20060713_132453_000000402049_00239_22838_9931.N1	13-JUL-2006 13:24:53	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	22838	No
146	GOM_NL__2PRFIN20060713_132634_000000402049_00239_22838_9932.N1	13-JUL-2006 13:26:34	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22838	No
147	GOM_NL__2PRFIN20060713_133523_000000372049_00239_22838_9933.N1	13-JUL-2006 13:35:23	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22838	No
148	GOM_NL__2PRFIN20060713_133740_000000352049_00239_22838_9934.N1	13-JUL-2006 13:37:40	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22838	No
149	GOM_NL__2PRFIN20060713_134329_000000362049_00239_22838_9935.N1	13-JUL-2006 13:43:29	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22838	No
150	GOM_NL__2PRFIN20060713_134838_000000382049_00239_22838_9936.N1	13-JUL-2006 13:48:38	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22838	No
151	GOM_NL__2PRFIN20060713_135142_000000432049_00239_22838_9937.N1	13-JUL-2006 13:51:42	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	22838	No
152	GOM_NL__2PRFIN20060713_135554_000000362049_00239_22838_9938.N1	13-JUL-2006 13:55:54	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22838	No
153	GOM_NL__2PRFIN20060713_135936_000000362049_00239_22838_9939.N1	13-JUL-2006 13:59:36	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22838	No
154	GOM_NL__2PRFIN20060713_142042_000000532049_00239_22838_9940.N1	13-JUL-2006 14:20:42	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	22838	No
155	GOM_NL__2PRFIN20060713_142703_000000432049_00239_22838_9941.N1	13-JUL-2006 14:27:03	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22838	No
156	GOM_NL__2PRFIN20060713_142958_000000462049_00239_22838_9942.N1	13-JUL-2006 14:29:58	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22838	No
157	GOM_NL__2PRFIN20060713_143851_000000302049_00239_22838_9943.N1	13-JUL-2006 14:38:51	Dark	30.000	157	The1Eri	2.9060	9300.0	60	22838	No
158	GOM_NL__2PRFIN20060713_144502_000000412049_00240_22839_9926.N1	13-JUL-2006 14:45:02	Dark	41.000	9	Alp Eri	0.45300	24000.	82	22839	No
159	GOM_NL__2PRFIN20060713_144847_000000372049_00240_22839_9927.N1	13-JUL-2006 14:48:47	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22839	No
160	GOM_NL__2PRFIN20060713_145234_000000412049_00240_22839_9928.N1	13-JUL-2006 14:52:34	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22839	No



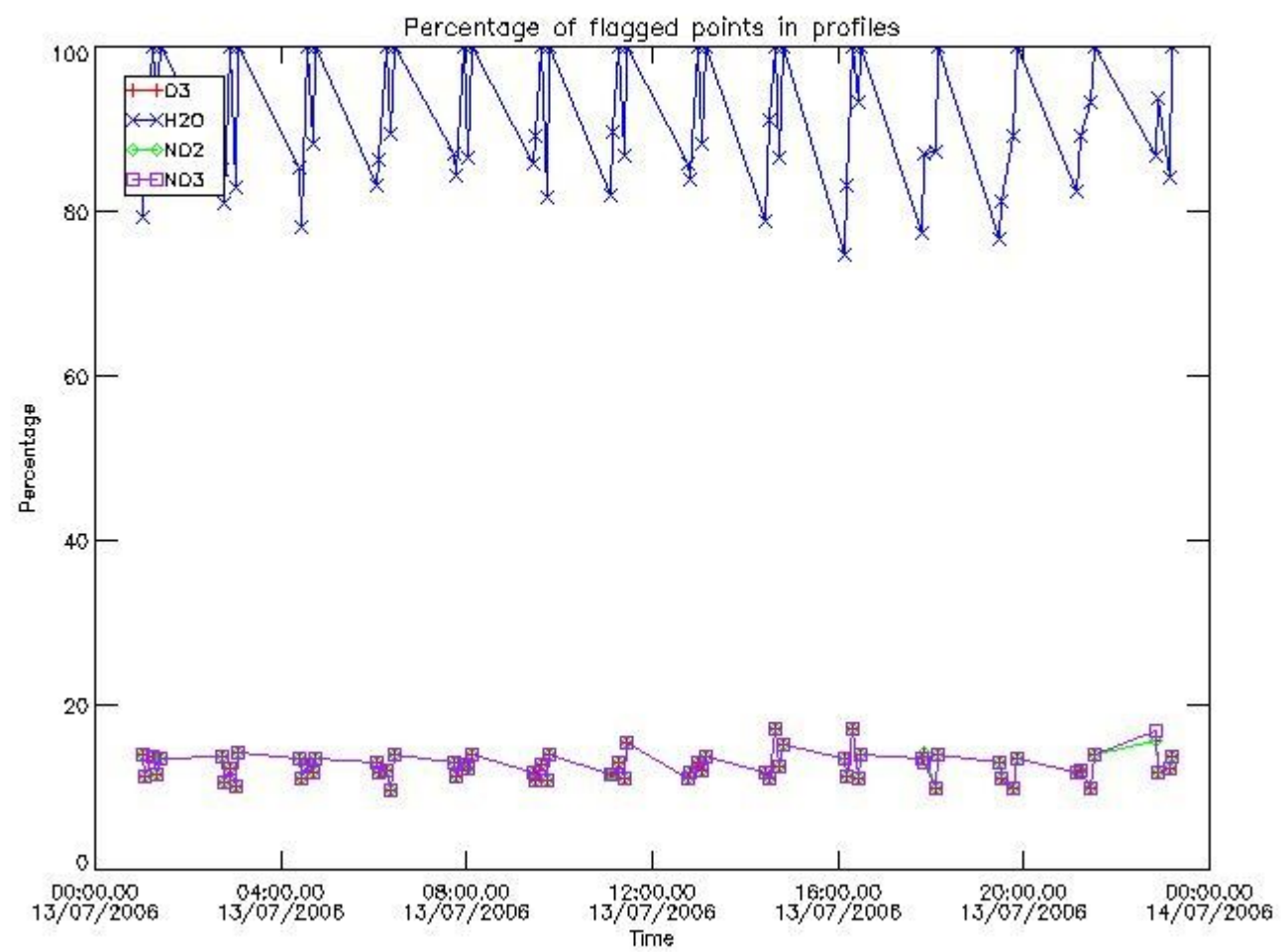
161	GOM_NL__2PRFIN20060713_145632_000000392049_00240_22839_9929.N1	13-JUL-2006 14:56:32	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22839	No
162	GOM_NL__2PRFIN20060713_150354_000000422049_00240_22839_9930.N1	13-JUL-2006 15:03:54	Twilight	42.000	85	Kap Sco	2.4070	28000.	84	22839	No
163	GOM_NL__2PRFIN20060713_150529_000000542049_00240_22839_9931.N1	13-JUL-2006 15:05:29	Bright	53.500	103	38Zet Sgr	2.6000	9700.0	107	22839	No
164	GOM_NL__2PRFIN20060713_150710_000000412049_00240_22839_9932.N1	13-JUL-2006 15:07:10	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22839	No
165	GOM_NL__2PRFIN20060713_151559_000000362049_00240_22839_9933.N1	13-JUL-2006 15:15:59	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22839	No
166	GOM_NL__2PRFIN20060713_151816_000000352049_00240_22839_9934.N1	13-JUL-2006 15:18:16	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22839	No
167	GOM_NL__2PRFIN20060713_152405_000000362049_00240_22839_9935.N1	13-JUL-2006 15:24:05	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22839	No
168	GOM_NL__2PRFIN20060713_152913_000000352049_00240_22839_9936.N1	13-JUL-2006 15:29:13	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	22839	No
169	GOM_NL__2PRFIN20060713_153218_000000372049_00240_22839_9937.N1	13-JUL-2006 15:32:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22839	No
170	GOM_NL__2PRFIN20060713_153630_000000332049_00240_22839_9938.N1	13-JUL-2006 15:36:30	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22839	No
171	GOM_NL__2PRFIN20060713_154012_000000362049_00240_22839_9939.N1	13-JUL-2006 15:40:12	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22839	No
172	GOM_NL__2PRFIN20060713_160119_000000452049_00240_22839_9940.N1	13-JUL-2006 16:01:19	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	22839	No
173	GOM_NL__2PRFIN20060713_160739_000000382049_00240_22839_9941.N1	13-JUL-2006 16:07:39	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22839	No
174	GOM_NL__2PRFIN20060713_161034_000000452049_00240_22839_9942.N1	13-JUL-2006 16:10:34	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22839	No
175	GOM_NL__2PRFIN20060713_161928_000000302049_00240_22839_9943.N1	13-JUL-2006 16:19:28	Dark	30.000	157	The1Eri	2.9060	9300.0	60	22839	No
176	GOM_NL__2PRFIN20060713_162538_000000462049_00241_22840_9926.N1	13-JUL-2006 16:25:38	Dark	45.500	9	Alp Eri	0.45300	24000.	91	22840	No
177	GOM_NL__2PRFIN20060713_162923_000000372049_00241_22840_9927.N1	13-JUL-2006 16:29:23	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22840	No
178	GOM_NL__2PRFIN20060713_163311_000000422049_00241_22840_9928.N1	13-JUL-2006 16:33:11	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22840	No
179	GOM_NL__2PRFIN20060713_163709_000000412049_00241_22840_9929.N1	13-JUL-2006 16:37:09	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22840	No
180	GOM_NL__2PRFIN20060713_164430_000000402049_00241_22840_9930.N1	13-JUL-2006 16:44:30	Twilight	40.000	85	Kap Sco	2.4070	28000.	80	22840	No
181	GOM_NL__2PRFIN20060713_164605_000000422049_00241_22840_9931.N1	13-JUL-2006 16:46:05	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22840	No
182	GOM_NL__2PRFIN20060713_164747_000000392049_00241_22840_9932.N1	13-JUL-2006 16:47:47	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22840	No
183	GOM_NL__2PRFIN20060713_165635_000000362049_00241_22840_9933.N1	13-JUL-2006 16:56:35	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22840	No
184	GOM_NL__2PRFIN20060713_165852_000000372049_00241_22840_9934.N1	13-JUL-2006 16:58:52	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22840	No
185	GOM_NL__2PRFIN20060713_170441_000000362049_00241_22840_9935.N1	13-JUL-2006 17:04:41	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22840	No
186	GOM_NL__2PRFIN20060713_170949_000000382049_00241_22840_9936.N1	13-JUL-2006 17:09:49	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22840	No
187	GOM_NL__2PRFIN20060713_171254_000000402049_00241_22840_9937.N1	13-JUL-2006 17:12:54	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22840	No
188	GOM_NL__2PRFIN20060713_171707_000000412049_00241_22840_9938.N1	13-JUL-2006 17:17:07	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	22840	No
189	GOM_NL__2PRFIN20060713_172048_000000352049_00241_22840_9939.N1	13-JUL-2006 17:20:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22840	No
190	GOM_NL__2PRFIN20060713_174155_000000452049_00241_22840_9940.N1	13-JUL-2006 17:41:55	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	22840	No
191	GOM_NL__2PRFIN20060713_174815_000000382049_00241_22840_9941.N1	13-JUL-2006 17:48:15	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22840	No
192	GOM_NL__2PRFIN20060713_175111_000000472049_00241_22840_9942.N1	13-JUL-2006 17:51:11	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22840	No
193	GOM_NL__2PRFIN20060713_180615_000000522049_00242_22841_9946.N1	13-JUL-2006 18:06:15	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22841	No
194	GOM_NL__2PRFIN20060713_180959_000000372049_00242_22841_9947.N1	13-JUL-2006 18:09:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22841	No
195	GOM_NL__2PRFIN20060713_181347_000000502049_00242_22841_9948.N1	13-JUL-2006 18:13:47	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	22841	No
196	GOM_NL__2PRFIN20060713_181745_000000392049_00242_22841_9949.N1	13-JUL-2006 18:17:45	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22841	No
197	GOM_NL__2PRFIN20060713_182506_000000382049_00242_22841_9950.N1	13-JUL-2006 18:25:06	Twilight	38.000	85	Kap Sco	2.4070	28000.	76	22841	No
198	GOM_NL__2PRFIN20060713_182641_000000462049_00242_22841_9951.N1	13-JUL-2006 18:26:41	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	22841	No
199	GOM_NL__2PRFIN20060713_182823_000000402049_00242_22841_9952.N1	13-JUL-2006 18:28:23	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	22841	No
200	GOM_NL__2PRFIN20060713_183711_000000352049_00242_22841_9953.N1	13-JUL-2006 18:37:11	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22841	No
201	GOM_NL__2PRFIN20060713_183928_000000362049_00242_22841_9954.N1	13-JUL-2006 18:39:28	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22841	No
202	GOM_NL__2PRFIN20060713_184517_000000352049_00242_22841_9955.N1	13-JUL-2006 18:45:17	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22841	No
203	GOM_NL__2PRFIN20060713_185025_000000382049_00242_22841_9956.N1	13-JUL-2006 18:50:25	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22841	No
204	GOM_NL__2PRFIN20060713_185331_000000362049_00242_22841_9957.N1	13-JUL-2006 18:53:31	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22841	No
205	GOM_NL__2PRFIN20060713_185743_000000362049_00242_22841_9958.N1	13-JUL-2006 18:57:43	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22841	No
206	GOM_NL__2PRFIN20060713_190124_000000362049_00242_22841_9959.N1	13-JUL-2006 19:01:24	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22841	No
207	GOM_NL__2PRFIN20060713_192231_000000472049_00242_22841_9960.N1	13-JUL-2006 19:22:31	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22841	No
208	GOM_NL__2PRFIN20060713_192851_000000392049_00242_22841_9961.N1	13-JUL-2006 19:28:51	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22841	No
209	GOM_NL__2PRFIN20060713_193147_000000462049_00242_22841_9962.N1	13-JUL-2006 19:31:47	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22841	No
210	GOM_NL__2PRFIN20060713_194651_000000512049_00243_22842_9946.N1	13-JUL-2006 19:46:51	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22842	No
211	GOM_NL__2PRFIN20060713_195035_000000382049_00243_22842_9947.N1	13-JUL-2006 19:50:35	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22842	No
212	GOM_NL__2PRFIN20060713_195424_000000402049_00243_22842_9948.N1	13-JUL-2006 19:54:24	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22842	No
213	GOM_NL__2PRFIN20060713_195821_000000392049_00243_22842_9949.N1	13-JUL-2006 19:58:21	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22842	No
214	GOM_NL__2PRFIN20060713_200542_000000392049_00243_22842_9950.N1	13-JUL-2006 20:05:42	Twilight	39.000	85	Kap Sco	2.4070	28000.	78	22842	No
215	GOM_NL__2PRFIN20060713_200717_000000412049_00243_22842_9951.N1	13-JUL-2006 20:07:17	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	22842	No
216	GOM_NL__2PRFIN20060713_200859_000000382049_00243_22842_9952.N1	13-JUL-2006 20:08:59	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22842	No
217	GOM_NL__2PRFIN20060713_201747_000000362049_00243_22842_9953.N1	13-JUL-2006 20:17:47	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22842	No
218	GOM_NL__2PRFIN20060713_202004_000000352049_00243_22842_9954.N1	13-JUL-2006 20:20:04	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22842	No
219	GOM_NL__2PRFIN20060713_202554_000000372049_00243_22842_9955.N1	13-JUL-2006 20:25:54	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22842	No

220	GOM_NL__2PRFIN20060713_203101_000000372049_00243_22842_9956.N1	13-JUL-2006 20:31:01	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	22842	No
221	GOM_NL__2PRFIN20060713_203407_000000362049_00243_22842_9957.N1	13-JUL-2006 20:34:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22842	No
222	GOM_NL__2PRFIN20060713_203819_000000362049_00243_22842_9958.N1	13-JUL-2006 20:38:19	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22842	No
223	GOM_NL__2PRFIN20060713_204159_000000362049_00243_22842_9959.N1	13-JUL-2006 20:41:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22842	No
224	GOM_NL__2PRFIN20060713_210307_000000472049_00243_22842_9960.N1	13-JUL-2006 21:03:07	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22842	No
225	GOM_NL__2PRFIN20060713_210927_000000432049_00243_22842_9961.N1	13-JUL-2006 21:09:27	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22842	No
226	GOM_NL__2PRFIN20060713_211223_000000472049_00243_22842_9962.N1	13-JUL-2006 21:12:23	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22842	No
227	GOM_NL__2PRFIN20060713_212728_000000522049_00244_22843_9946.N1	13-JUL-2006 21:27:28	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22843	No
228	GOM_NL__2PRFIN20060713_213111_000000372049_00244_22843_9947.N1	13-JUL-2006 21:31:11	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22843	No
229	GOM_NL__2PRFIN20060713_213500_000000402049_00244_22843_9948.N1	13-JUL-2006 21:35:00	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22843	No
230	GOM_NL__2PRFIN20060713_213858_000000392049_00244_22843_9949.N1	13-JUL-2006 21:38:58	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22843	No
231	GOM_NL__2PRFIN20060713_214618_000000382049_00244_22843_9950.N1	13-JUL-2006 21:46:18	Tw_i_and_stray	38.000	85	Kap Sco	2.4070	28000.	76	22843	No
232	GOM_NL__2PRFIN20060713_214753_000000412049_00244_22843_9951.N1	13-JUL-2006 21:47:53	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	22843	No
233	GOM_NL__2PRFIN20060713_214935_000000382049_00244_22843_9952.N1	13-JUL-2006 21:49:35	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	22843	No
234	GOM_NL__2PRFIN20060713_215823_000000352049_00244_22843_9953.N1	13-JUL-2006 21:58:23	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22843	No
235	GOM_NL__2PRFIN20060713_220040_000000352049_00244_22843_9954.N1	13-JUL-2006 22:00:40	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22843	No
236	GOM_NL__2PRFIN20060713_220630_000000372049_00244_22843_9955.N1	13-JUL-2006 22:06:30	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22843	No
237	GOM_NL__2PRFIN20060713_221137_000000372049_00244_22843_9956.N1	13-JUL-2006 22:11:37	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	22843	No
238	GOM_NL__2PRFIN20060713_221443_000000372049_00244_22843_9957.N1	13-JUL-2006 22:14:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22843	No
239	GOM_NL__2PRFIN20060713_221855_000000352049_00244_22843_9958.N1	13-JUL-2006 22:18:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22843	No
240	GOM_NL__2PRFIN20060713_222235_000000352049_00244_22843_9959.N1	13-JUL-2006 22:22:35	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22843	No
241	GOM_NL__2PRFIN20060713_224343_000000492049_00244_22843_9960.N1	13-JUL-2006 22:43:43	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	22843	No
242	GOM_NL__2PRFIN20060713_225003_000000422049_00244_22843_9961.N1	13-JUL-2006 22:50:03	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	22843	No
243	GOM_NL__2PRFIN20060713_225300_000000482049_00244_22843_9962.N1	13-JUL-2006 22:53:00	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22843	No
244	GOM_NL__2PRFIN20060713_230804_000000422049_00245_22844_9946.N1	13-JUL-2006 23:08:04	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22844	No
245	GOM_NL__2PRFIN20060713_231147_000000372049_00245_22844_9947.N1	13-JUL-2006 23:11:47	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22844	No
246	GOM_NL__2PRFIN20060713_231537_000000412049_00245_22844_9948.N1	13-JUL-2006 23:15:37	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22844	No
247	GOM_NL__2PRFIN20060713_231934_000000392049_00245_22844_9949.N1	13-JUL-2006 23:19:34	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22844	No
248	GOM_NL__2PRFIN20060713_232654_000000382049_00245_22844_9950.N1	13-JUL-2006 23:26:54	Tw_i_and_stray	38.000	85	Kap Sco	2.4070	28000.	76	22844	No
249	GOM_NL__2PRFIN20060713_232830_000000402049_00245_22844_9951.N1	13-JUL-2006 23:28:30	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	22844	No
250	GOM_NL__2PRFIN20060713_233011_000000412049_00245_22844_9952.N1	13-JUL-2006 23:30:11	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22844	No
251	GOM_NL__2PRFIN20060713_233859_000000352049_00245_22844_9953.N1	13-JUL-2006 23:38:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22844	No
252	GOM_NL__2PRFIN20060713_234116_000000342049_00245_22844_9954.N1	13-JUL-2006 23:41:16	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22844	No
253	GOM_NL__2PRFIN20060713_234706_000000342049_00245_22844_9955.N1	13-JUL-2006 23:47:06	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22844	No
254	GOM_NL__2PRFIN20060713_235213_000000342049_00245_22844_9956.N1	13-JUL-2006 23:52:13	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22844	No
255	GOM_NL__2PRFIN20060713_235519_000000352049_00245_22844_9957.N1	13-JUL-2006 23:55:19	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22844	No
256	GOM_NL__2PRFIN20060713_235931_000000322049_00245_22844_9958.N1	13-JUL-2006 23:59:31	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	22844	No

### 3. Quality information per product

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

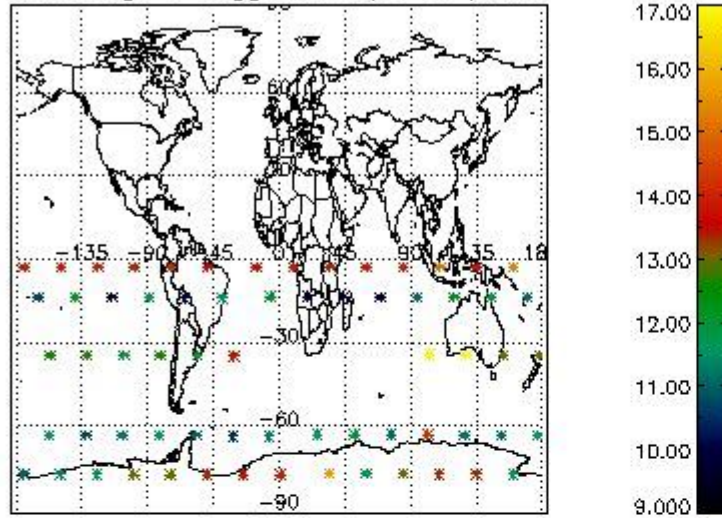
#### 3.1 Plot quality information per product (time dependant)



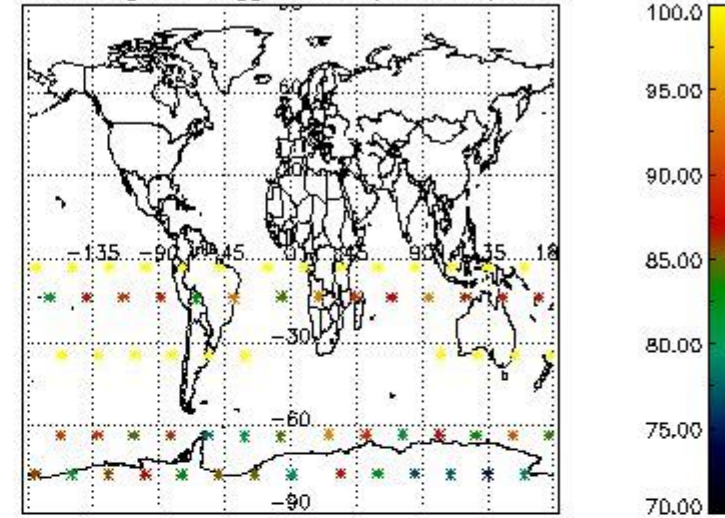
3.2 Plot quality information per product (world map)



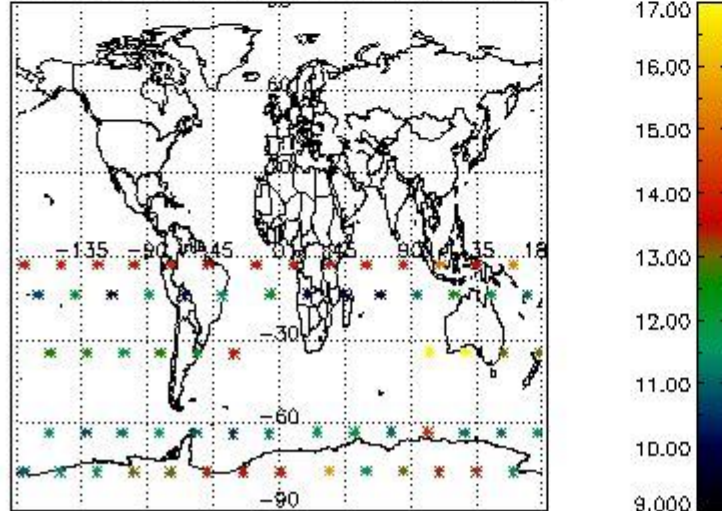
Percentage of flagged data per O3 profile



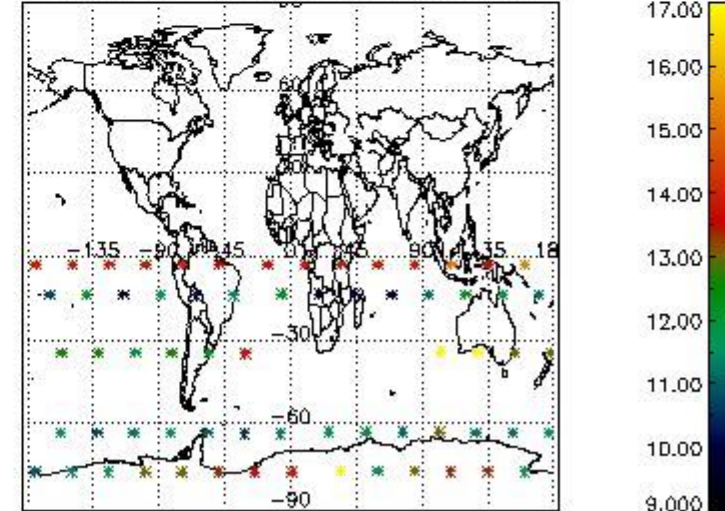
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



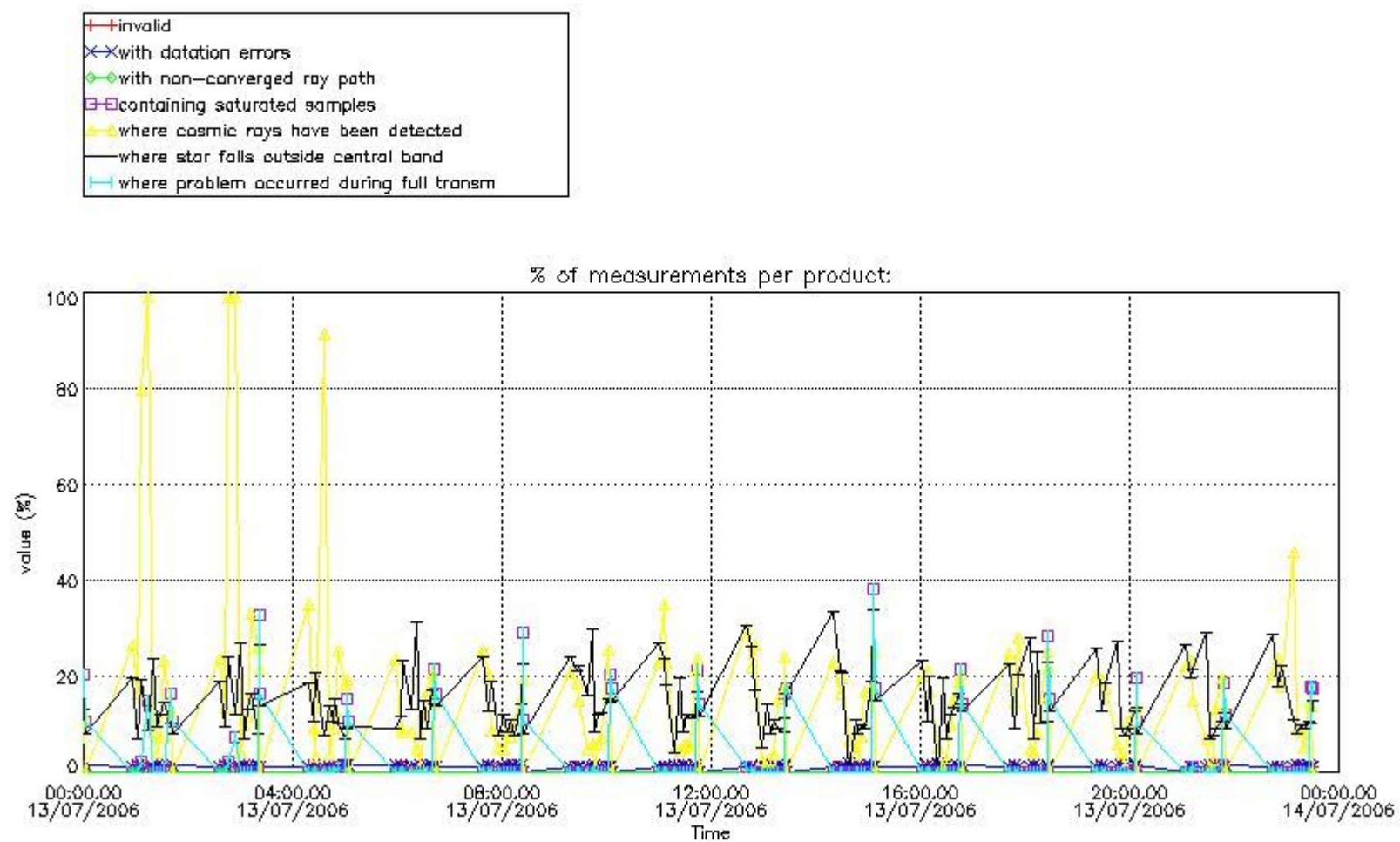
#### 4. Level 1 quality information per product

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.

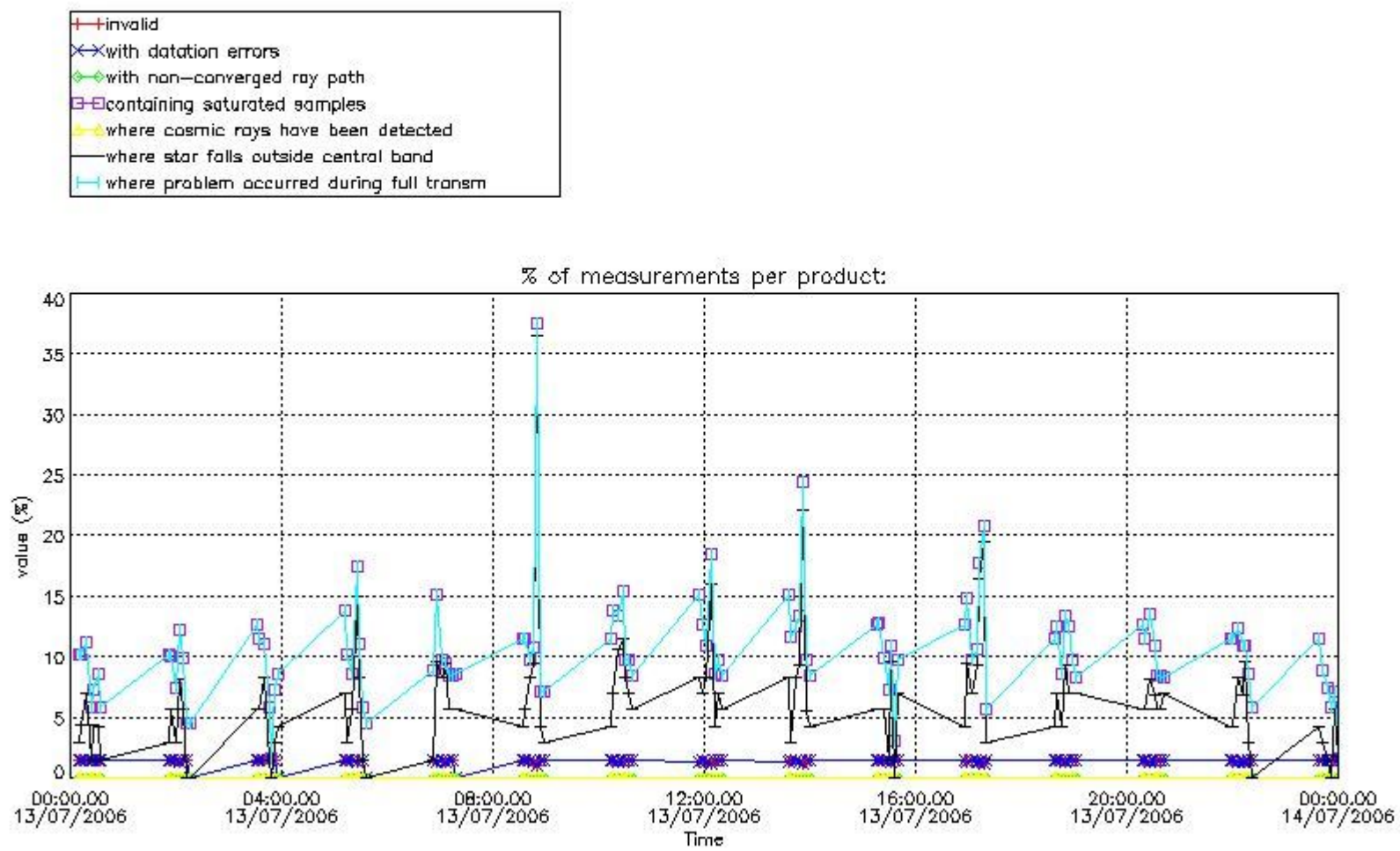
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





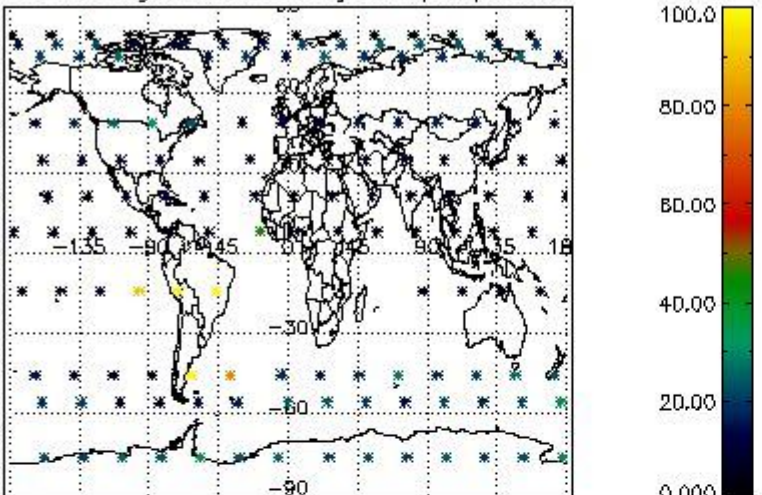
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



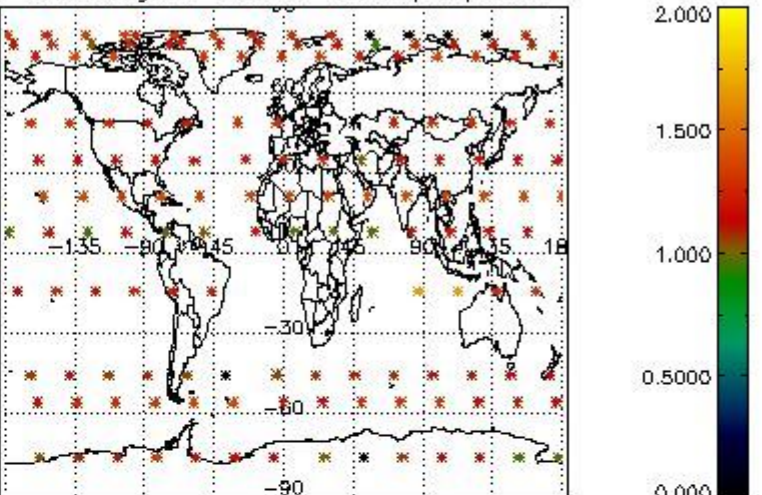
4.2 Plot quality information per product coming from level 1b processing (world map)

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

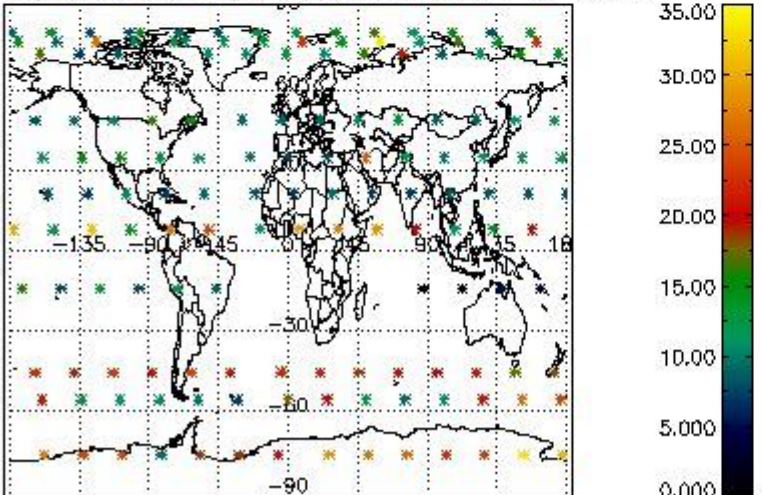
Percentage of cosmic ray hits per profile



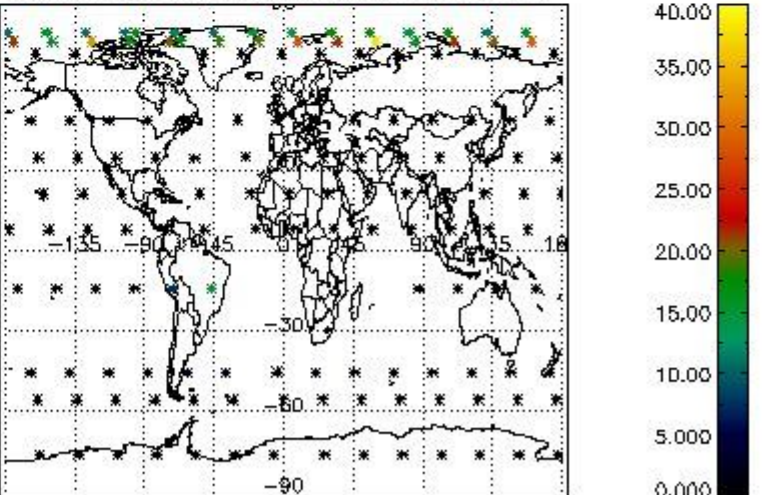
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

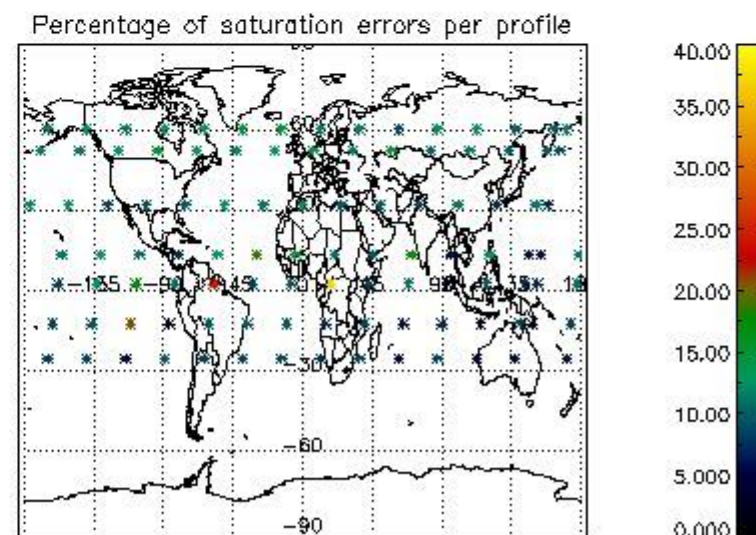
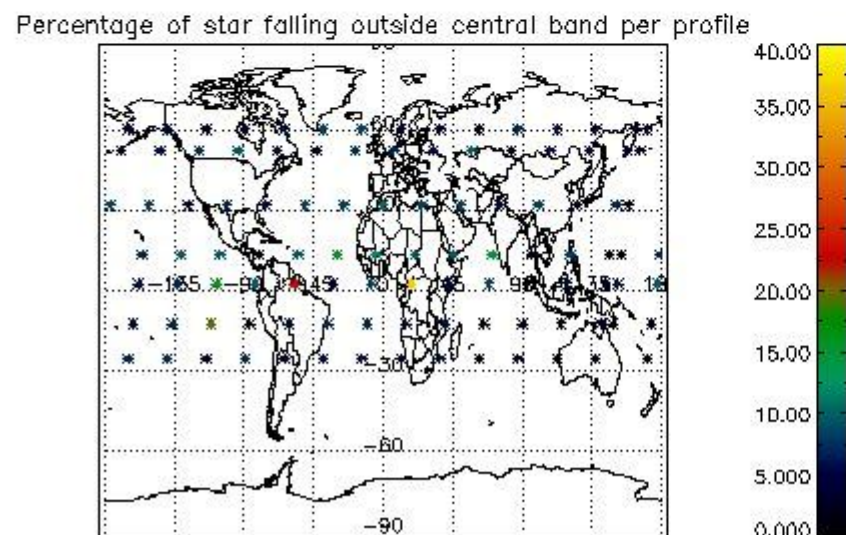
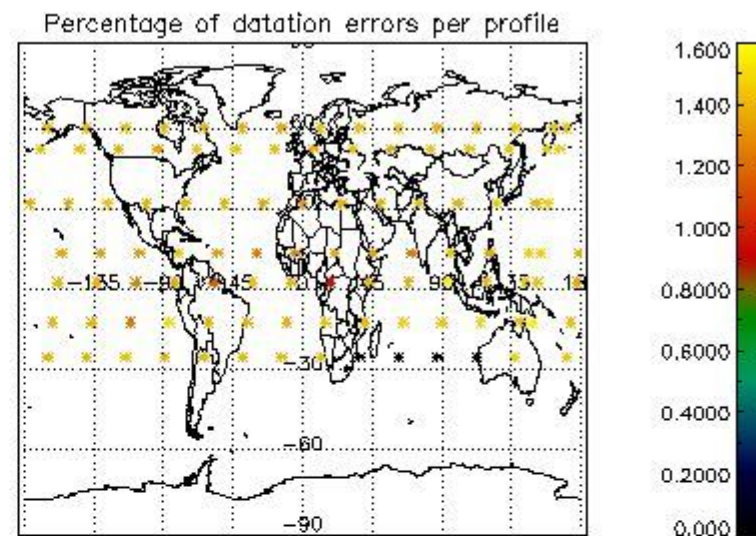
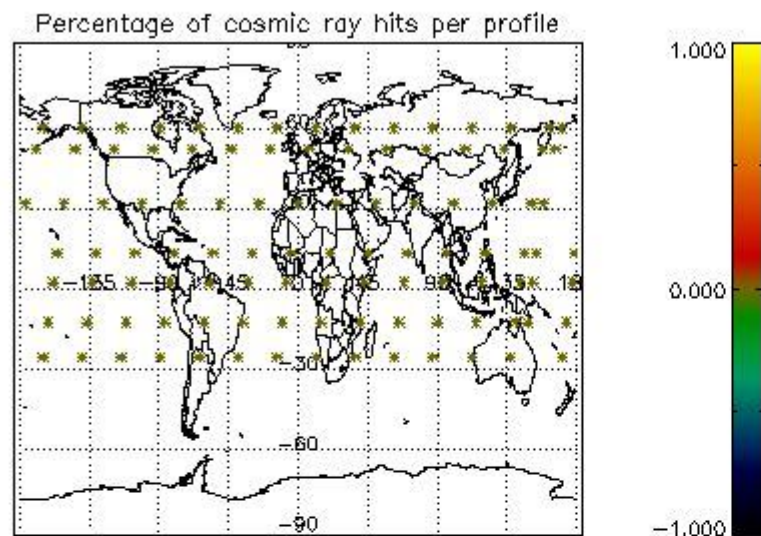


Percentage of saturation errors per profile



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.

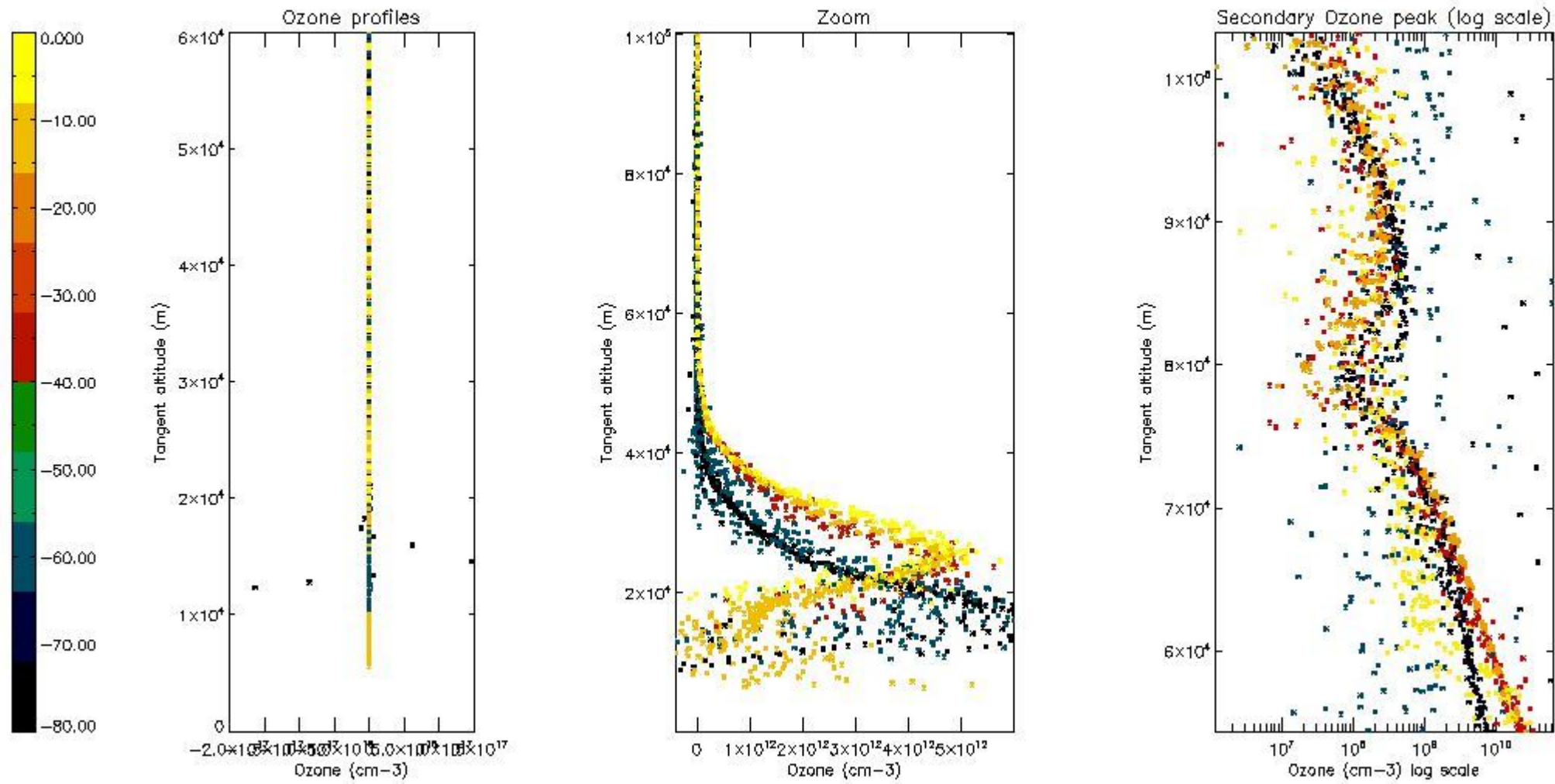
Criteria	% of total production
All STD	29
STD < 20	14



STD < 10	11
STD < 5	7

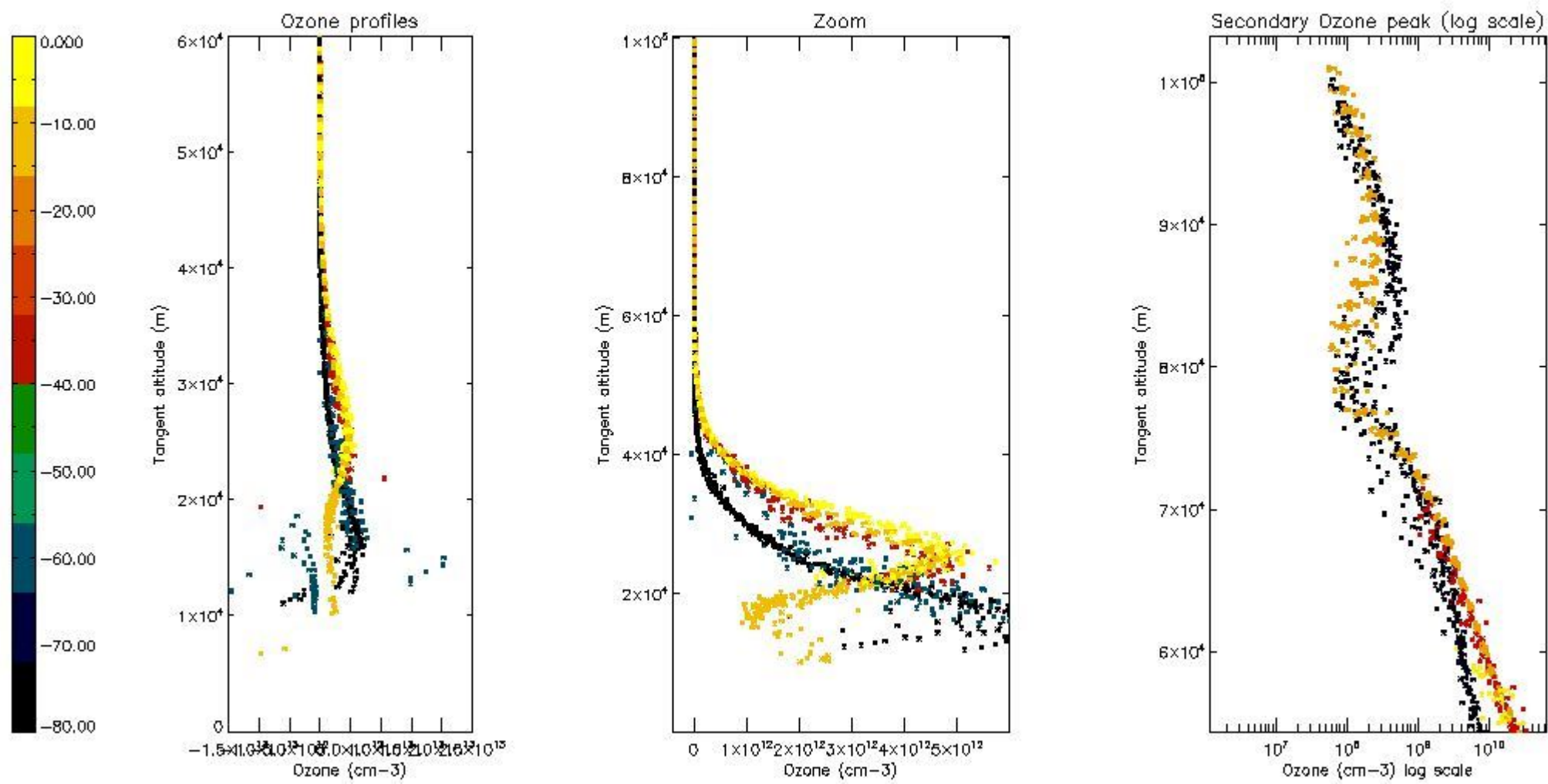
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



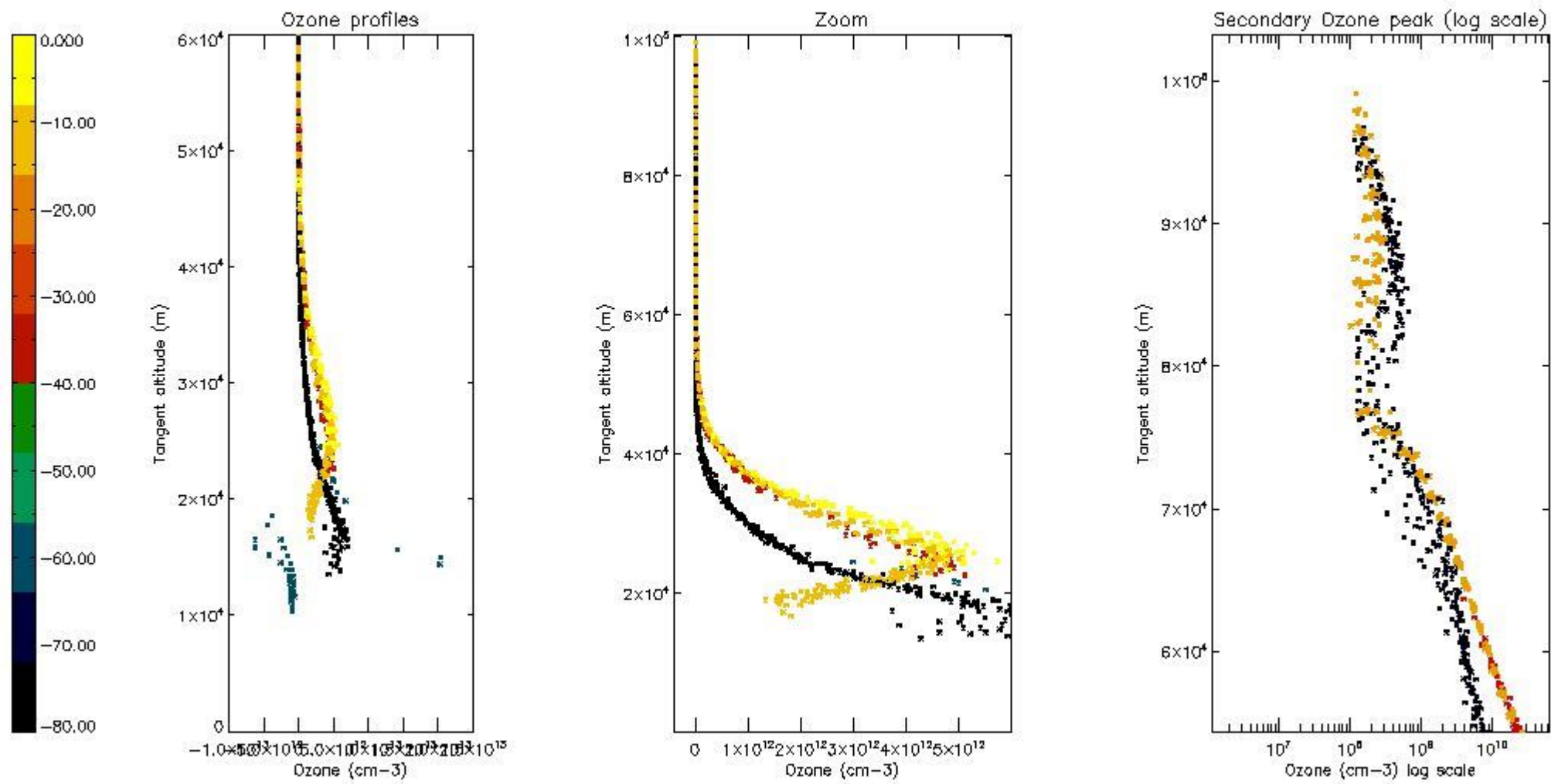
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



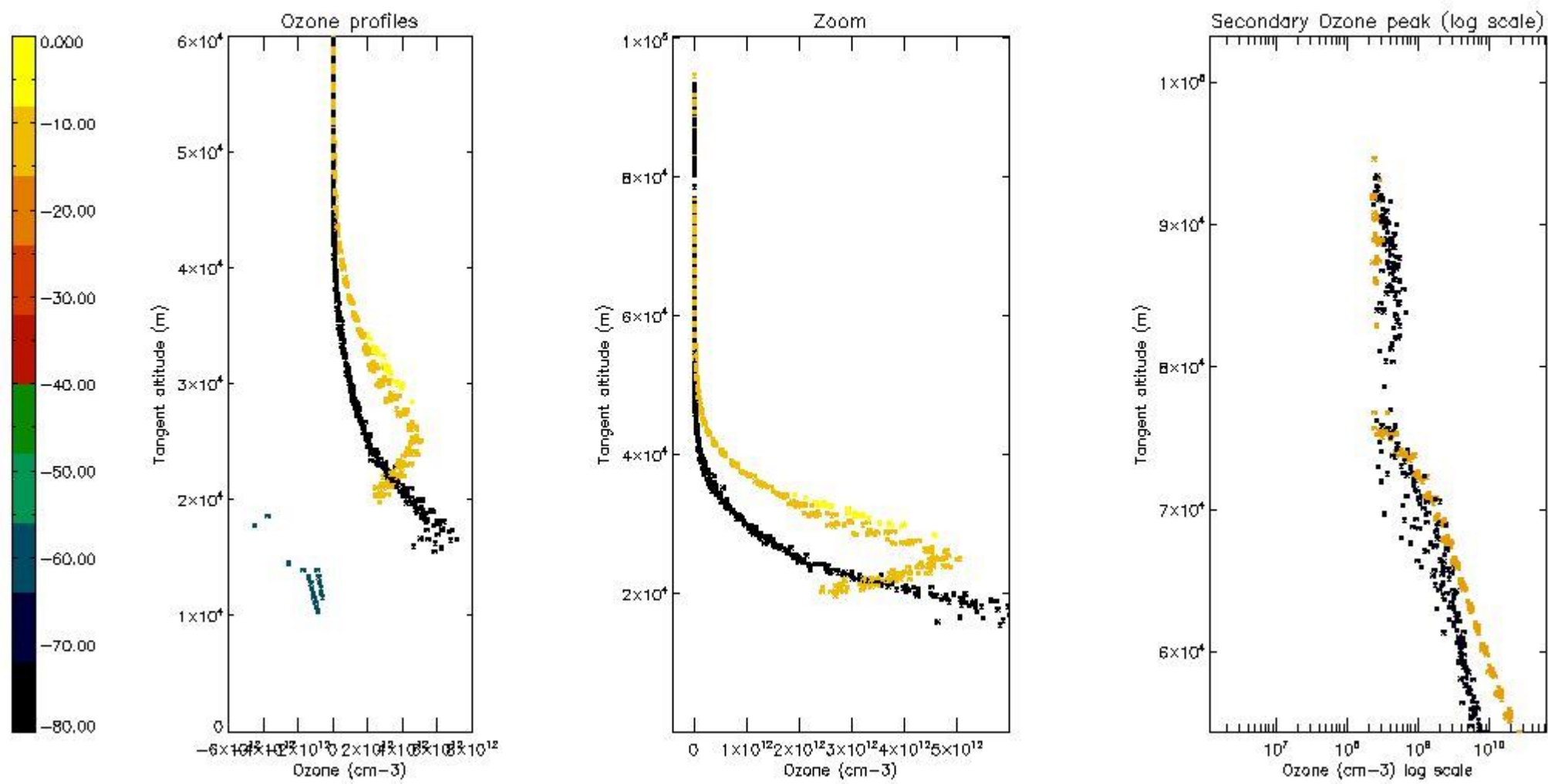
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

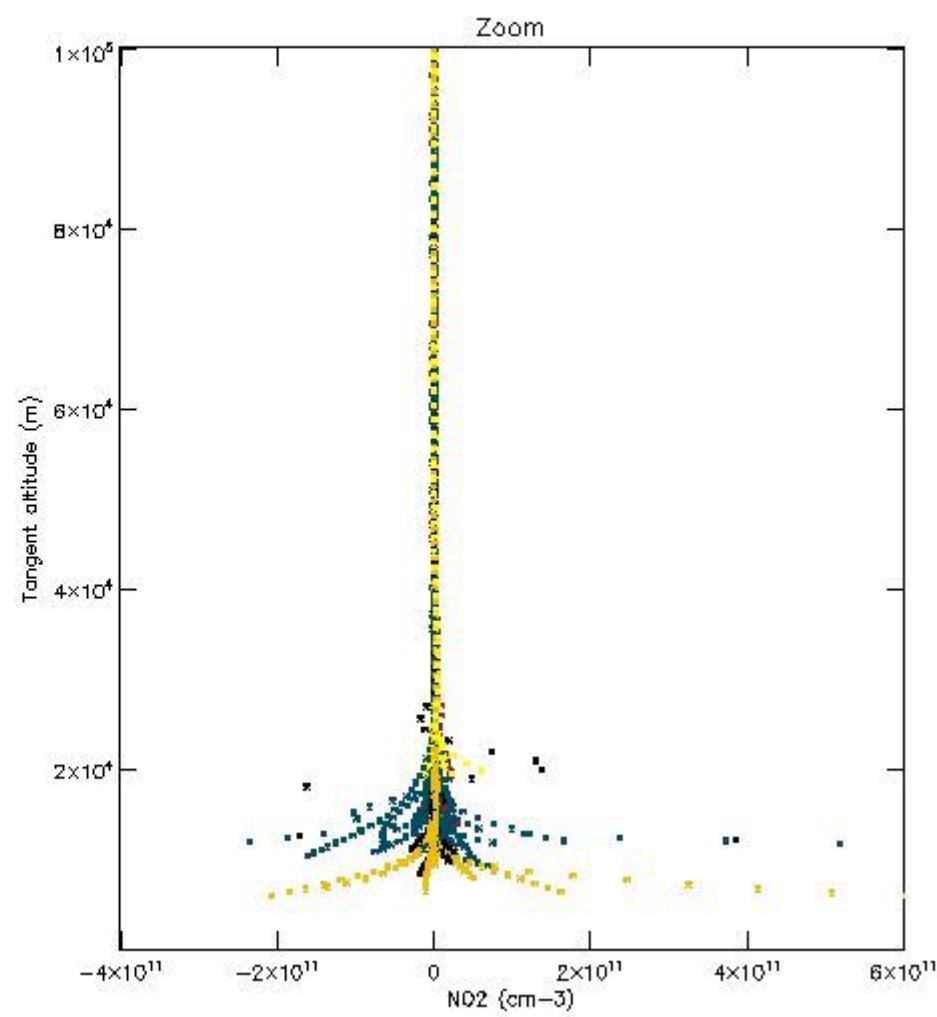
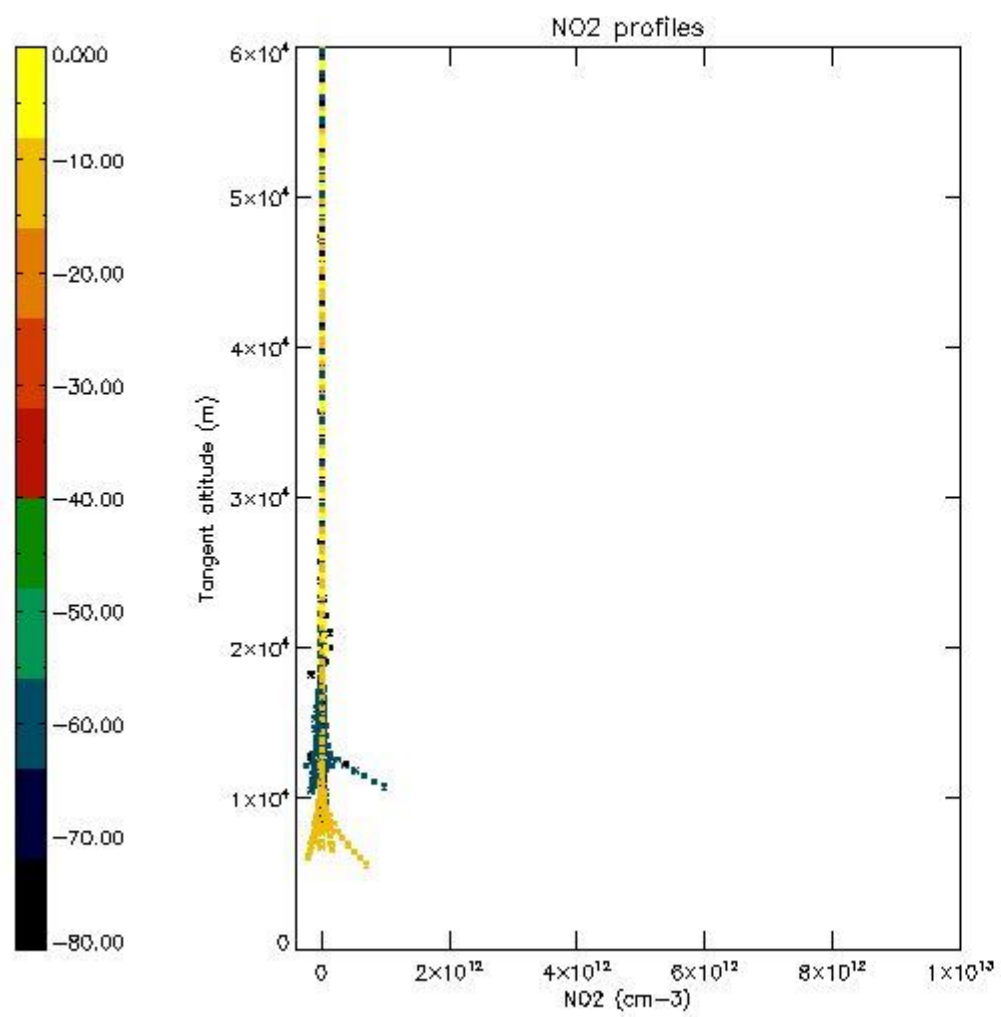
The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

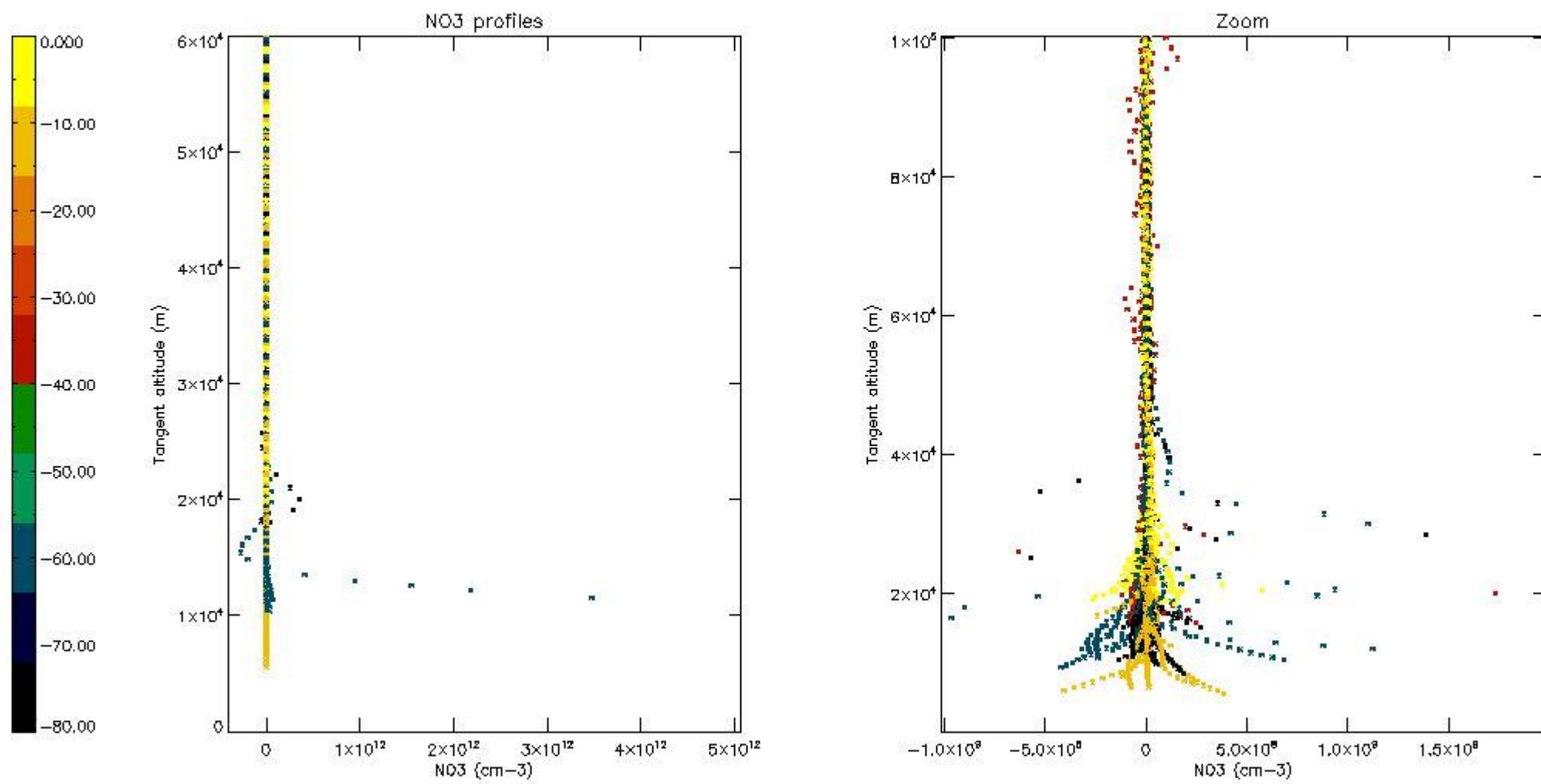
The colorbar represents the latitude.





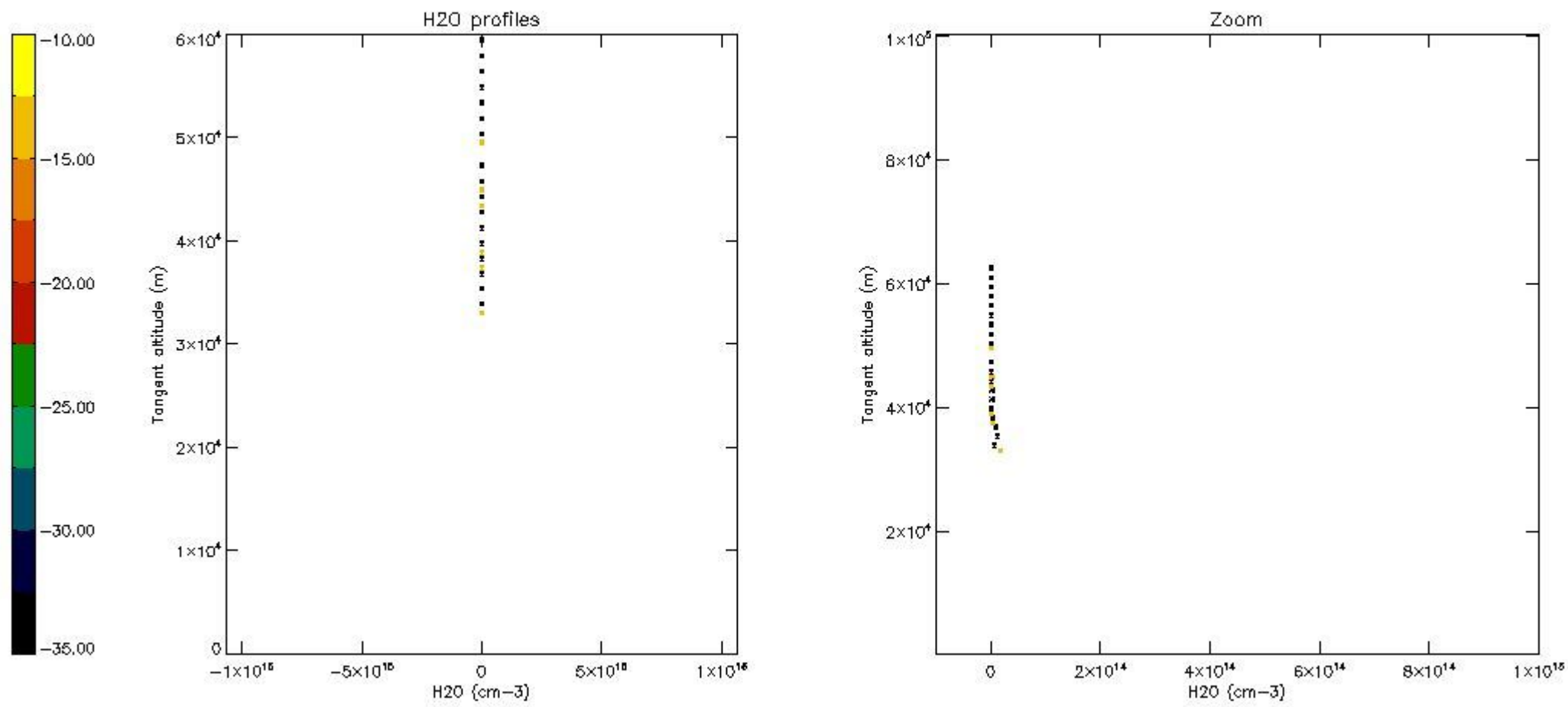
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	13-JUL-2006 00:00:03
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JUL-2006 00:00:03
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JUL-2006 00:00:03

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

### [3. Level 2 Quality information per product](#)

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

### [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](#)

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

### [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 01:41:21
Data source version	GOMOS/6.01
Start time of products	13-07-2006 (13JUL2006 00:00:00)
Stop time of products	14-07-2006 (14JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	256
Nb of prods with errors	1

## 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__2PRFIN20060713_000003_000000422049_00231_22830_9911.N1	13-JUL-2006 00:00:03	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	22830	No
2	GOM_NL__2PRFIN20060713_000145_000000382049_00231_22830_9912.N1	13-JUL-2006 00:01:45	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22830	No
3	GOM_NL__2PRFIN20060713_001035_000000352049_00231_22830_9913.N1	13-JUL-2006 00:10:35	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22830	No
4	GOM_NL__2PRFIN20060713_001252_000000352049_00231_22830_9914.N1	13-JUL-2006 00:12:52	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22830	No
5	GOM_NL__2PRFIN20060713_001839_000000362049_00231_22830_9915.N1	13-JUL-2006 00:18:39	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22830	No
6	GOM_NL__2PRFIN20060713_002351_000000342049_00231_22830_9916.N1	13-JUL-2006 00:23:51	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22830	No
7	GOM_NL__2PRFIN20060713_002653_000000352049_00231_22830_9917.N1	13-JUL-2006 00:26:53	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	22830	No
8	GOM_NL__2PRFIN20060713_003105_000000352049_00231_22830_9918.N1	13-JUL-2006 00:31:05	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22830	No
9	GOM_NL__2PRFIN20060713_003448_000000342049_00231_22830_9919.N1	13-JUL-2006 00:34:48	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22830	No
10	GOM_NL__2PRFIN20060713_005553_000000442049_00231_22830_9920.N1	13-JUL-2006 00:55:53	Twilight	43.500	13	87Alp Tau	0.86700	3800.0	87	22830	No
11	GOM_NL__2PRFIN20060713_010214_000000372049_00231_22830_9921.N1	13-JUL-2006 01:02:14	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22830	No
12	GOM_NL__2PRFIN20060713_010507_000000452049_00231_22830_9922.N1	13-JUL-2006 01:05:07	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22830	No
13	GOM_NL__2PRFIN20060713_011359_000000412049_00231_22830_9923.N1	13-JUL-2006 01:13:59	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22830	No
14	GOM_NL__2PRFIN20060713_012009_000000492049_00232_22831_9926.N1	13-JUL-2006 01:20:09	Dark	48.500	9	Alp Eri	0.45300	24000.	97	22831	No
15	GOM_NL__2PRFIN20060713_012357_000000382049_00232_22831_9927.N1	13-JUL-2006 01:23:57	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22831	No
16	GOM_NL__2PRFIN20060713_012743_000000422049_00232_22831_9928.N1	13-JUL-2006 01:27:43	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22831	No
17	GOM_NL__2PRFIN20060713_013142_000000412049_00232_22831_9929.N1	13-JUL-2006 01:31:42	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22831	No
18	GOM_NL__2PRFIN20060713_013826_000000182049_00232_22831_9930.N1	13-JUL-2006 01:38:26	Dark	18.000	40	The Sco	1.8590	7100.0	36	22831	Yes
19	GOM_NL__2PRFIN20060713_014039_000000402049_00232_22831_9931.N1	13-JUL-2006 01:40:39	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	22831	No
20	GOM_NL__2PRFIN20060713_014221_000000382049_00232_22831_9932.N1	13-JUL-2006 01:42:21	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22831	No
21	GOM_NL__2PRFIN20060713_015110_000000352049_00232_22831_9933.N1	13-JUL-2006 01:51:10	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	22831	No
22	GOM_NL__2PRFIN20060713_015328_000000352049_00232_22831_9934.N1	13-JUL-2006 01:53:28	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22831	No
23	GOM_NL__2PRFIN20060713_015915_000000342049_00232_22831_9935.N1	13-JUL-2006 01:59:15	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22831	No
24	GOM_NL__2PRFIN20060713_020427_000000372049_00232_22831_9936.N1	13-JUL-2006 02:04:27	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22831	No
25	GOM_NL__2PRFIN20060713_020729_000000362049_00232_22831_9937.N1	13-JUL-2006 02:07:29	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22831	No
26	GOM_NL__2PRFIN20060713_021141_000000342049_00232_22831_9938.N1	13-JUL-2006 02:11:41	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	22831	No
27	GOM_NL__2PRFIN20060713_021524_000000342049_00232_22831_9939.N1	13-JUL-2006 02:15:24	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22831	No
28	GOM_NL__2PRFIN20060713_023629_000000432049_00232_22831_9940.N1	13-JUL-2006 02:36:29	Twilight	42.500	13	87Alp Tau	0.86700	3800.0	85	22831	No
29	GOM_NL__2PRFIN20060713_024250_000000372049_00232_22831_9941.N1	13-JUL-2006 02:42:50	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22831	No
30	GOM_NL__2PRFIN20060713_024543_000000482049_00232_22831_9942.N1	13-JUL-2006 02:45:43	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22831	No
31	GOM_NL__2PRFIN20060713_025435_000000422049_00232_22831_9943.N1	13-JUL-2006 02:54:35	Dark	41.500	157	The1Eri	2.9060	9300.0	83	22831	No
32	GOM_NL__2PRFIN20060713_030046_000000502049_00233_22832_9926.N1	13-JUL-2006 03:00:46	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22832	No
33	GOM_NL__2PRFIN20060713_030433_000000362049_00233_22832_9927.N1	13-JUL-2006 03:04:33	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22832	No
34	GOM_NL__2PRFIN20060713_030819_000000432049_00233_22832_9928.N1	13-JUL-2006 03:08:19	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	22832	No
35	GOM_NL__2PRFIN20060713_031218_000000432049_00233_22832_9929.N1	13-JUL-2006 03:12:18	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22832	No
36	GOM_NL__2PRFIN20060713_031941_000000372049_00233_22832_9930.N1	13-JUL-2006 03:19:41	Tw_and_stray	37.000	85	Kap Sco	2.4070	28000.	74	22832	No
37	GOM_NL__2PRFIN20060713_032116_000000492049_00233_22832_9931.N1	13-JUL-2006 03:21:16	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	22832	No
38	GOM_NL__2PRFIN20060713_032258_000000402049_00233_22832_9932.N1	13-JUL-2006 03:22:58	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22832	No
39	GOM_NL__2PRFIN20060713_033147_000000362049_00233_22832_9933.N1	13-JUL-2006 03:31:47	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22832	No
40	GOM_NL__2PRFIN20060713_033404_000000352049_00233_22832_9934.N1	13-JUL-2006 03:34:04	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22832	No
41	GOM_NL__2PRFIN20060713_033952_000000362049_00233_22832_9935.N1	13-JUL-2006 03:39:52	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22832	No
42	GOM_NL__2PRFIN20060713_034502_000000352049_00233_22832_9936.N1	13-JUL-2006 03:45:02	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	22832	No

43	GOM_NL__2PRFIN20060713_034806_000000322049_00233_22832_9937.N1	13-JUL-2006 03:48:06	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	22832	No
44	GOM_NL__2PRFIN20060713_035217_000000352049_00233_22832_9938.N1	13-JUL-2006 03:52:17	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22832	No
45	GOM_NL__2PRFIN20060713_035600_000000352049_00233_22832_9939.N1	13-JUL-2006 03:56:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22832	No
46	GOM_NL__2PRFIN20060713_041705_000000432049_00233_22832_9940.N1	13-JUL-2006 04:17:05	Twilight	43.000	13	87Alp Tau	0.86700	3800.0	86	22832	No
47	GOM_NL__2PRFIN20060713_042326_000000382049_00233_22832_9941.N1	13-JUL-2006 04:23:26	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22832	No
48	GOM_NL__2PRFIN20060713_042619_000000462049_00233_22832_9942.N1	13-JUL-2006 04:26:19	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	22832	No
49	GOM_NL__2PRFIN20060713_043512_000000402049_00233_22832_9943.N1	13-JUL-2006 04:35:12	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22832	No
50	GOM_NL__2PRFIN20060713_044122_000000432049_00234_22833_9926.N1	13-JUL-2006 04:41:22	Dark	43.000	9	Alp Eri	0.45300	24000.	86	22833	No
51	GOM_NL__2PRFIN20060713_044509_000000382049_00234_22833_9927.N1	13-JUL-2006 04:45:09	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22833	No
52	GOM_NL__2PRFIN20060713_044856_000000432049_00234_22833_9928.N1	13-JUL-2006 04:48:56	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	22833	No
53	GOM_NL__2PRFIN20060713_045254_000000402049_00234_22833_9929.N1	13-JUL-2006 04:52:54	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22833	No
54	GOM_NL__2PRFIN20060713_050017_000000362049_00234_22833_9930.N1	13-JUL-2006 05:00:17	Tw_i_and_stray	36.000	85	Kap Sco	2.4070	28000.	72	22833	No
55	GOM_NL__2PRFIN20060713_050152_000000392049_00234_22833_9931.N1	13-JUL-2006 05:01:52	Bright	39.000	103	38Zet Sgr	2.6000	9700.0	78	22833	No
56	GOM_NL__2PRFIN20060713_050334_000000382049_00234_22833_9932.N1	13-JUL-2006 05:03:34	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22833	No
57	GOM_NL__2PRFIN20060713_051223_000000362049_00234_22833_9933.N1	13-JUL-2006 05:12:23	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22833	No
58	GOM_NL__2PRFIN20060713_051440_000000352049_00234_22833_9934.N1	13-JUL-2006 05:14:40	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22833	No
59	GOM_NL__2PRFIN20060713_052028_000000352049_00234_22833_9935.N1	13-JUL-2006 05:20:28	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22833	No
60	GOM_NL__2PRFIN20060713_052538_000000402049_00234_22833_9936.N1	13-JUL-2006 05:25:38	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	22833	No
61	GOM_NL__2PRFIN20060713_052842_000000362049_00234_22833_9937.N1	13-JUL-2006 05:28:42	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22833	No
62	GOM_NL__2PRFIN20060713_053254_000000342049_00234_22833_9938.N1	13-JUL-2006 05:32:54	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22833	No
63	GOM_NL__2PRFIN20060713_053636_000000342049_00234_22833_9939.N1	13-JUL-2006 05:36:36	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	22833	No
64	GOM_NL__2PRFIN20060713_055742_000000382049_00234_22833_9940.N1	13-JUL-2006 05:57:42	Twilight	38.000	13	87Alp Tau	0.86700	3800.0	76	22833	No
65	GOM_NL__2PRFIN20060713_060402_000000392049_00234_22833_9941.N1	13-JUL-2006 06:04:02	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22833	No
66	GOM_NL__2PRFIN20060713_060656_000000482049_00234_22833_9942.N1	13-JUL-2006 06:06:56	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22833	No
67	GOM_NL__2PRFIN20060713_061549_000000432049_00234_22833_9943.N1	13-JUL-2006 06:15:49	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22833	No
68	GOM_NL__2PRFIN20060713_062159_000000532049_00235_22834_9926.N1	13-JUL-2006 06:21:59	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22834	No
69	GOM_NL__2PRFIN20060713_062546_000000372049_00235_22834_9927.N1	13-JUL-2006 06:25:46	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22834	No
70	GOM_NL__2PRFIN20060713_062932_000000442049_00235_22834_9928.N1	13-JUL-2006 06:29:32	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	22834	No
71	GOM_NL__2PRFIN20060713_063331_000000392049_00235_22834_9929.N1	13-JUL-2006 06:33:31	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22834	No
72	GOM_NL__2PRFIN20060713_064053_000000412049_00235_22834_9930.N1	13-JUL-2006 06:40:53	Tw_i_and_stray	41.000	85	Kap Sco	2.4070	28000.	82	22834	No
73	GOM_NL__2PRFIN20060713_064228_000000422049_00235_22834_9931.N1	13-JUL-2006 06:42:28	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22834	No
74	GOM_NL__2PRFIN20060713_064410_000000402049_00235_22834_9932.N1	13-JUL-2006 06:44:10	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22834	No
75	GOM_NL__2PRFIN20060713_065259_000000342049_00235_22834_9933.N1	13-JUL-2006 06:52:59	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	22834	No
76	GOM_NL__2PRFIN20060713_065516_000000372049_00235_22834_9934.N1	13-JUL-2006 06:55:16	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	22834	No
77	GOM_NL__2PRFIN20060713_070104_000000362049_00235_22834_9935.N1	13-JUL-2006 07:01:04	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22834	No
78	GOM_NL__2PRFIN20060713_070614_000000372049_00235_22834_9936.N1	13-JUL-2006 07:06:14	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22834	No
79	GOM_NL__2PRFIN20060713_070918_000000362049_00235_22834_9937.N1	13-JUL-2006 07:09:18	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22834	No
80	GOM_NL__2PRFIN20060713_071330_000000362049_00235_22834_9938.N1	13-JUL-2006 07:13:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22834	No
81	GOM_NL__2PRFIN20060713_071712_000000352049_00235_22834_9939.N1	13-JUL-2006 07:17:12	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22834	No
82	GOM_NL__2PRFIN20060713_073818_000000462049_00235_22834_9940.N1	13-JUL-2006 07:38:18	Twilight	45.500	13	87Alp Tau	0.86700	3800.0	91	22834	No
83	GOM_NL__2PRFIN20060713_074439_000000392049_00235_22834_9941.N1	13-JUL-2006 07:44:39	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22834	No
84	GOM_NL__2PRFIN20060713_074732_000000452049_00235_22834_9942.N1	13-JUL-2006 07:47:32	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22834	No
85	GOM_NL__2PRFIN20060713_075625_000000402049_00235_22834_9943.N1	13-JUL-2006 07:56:25	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22834	No
86	GOM_NL__2PRFIN20060713_080236_000000422049_00236_22835_9926.N1	13-JUL-2006 08:02:36	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22835	No
87	GOM_NL__2PRFIN20060713_080622_000000372049_00236_22835_9927.N1	13-JUL-2006 08:06:22	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22835	No
88	GOM_NL__2PRFIN20060713_081009_000000422049_00236_22835_9928.N1	13-JUL-2006 08:10:09	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22835	No
89	GOM_NL__2PRFIN20060713_081407_000000392049_00236_22835_9929.N1	13-JUL-2006 08:14:07	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22835	No
90	GOM_NL__2PRFIN20060713_082129_000000392049_00236_22835_9930.N1	13-JUL-2006 08:21:29	Tw_i_and_stray	39.000	85	Kap Sco	2.4070	28000.	78	22835	No
91	GOM_NL__2PRFIN20060713_082304_000000472049_00236_22835_9931.N1	13-JUL-2006 08:23:04	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	22835	No
92	GOM_NL__2PRFIN20060713_082446_000000372049_00236_22835_9932.N1	13-JUL-2006 08:24:46	Bright	37.000	137	22Lam Sgr	2.8240	4400.0	74	22835	No
93	GOM_NL__2PRFIN20060713_083335_000000352049_00236_22835_9933.N1	13-JUL-2006 08:33:35	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22835	No
94	GOM_NL__2PRFIN20060713_083552_000000352049_00236_22835_9934.N1	13-JUL-2006 08:35:52	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22835	No
95	GOM_NL__2PRFIN20060713_084140_000000362049_00236_22835_9935.N1	13-JUL-2006 08:41:40	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22835	No
96	GOM_NL__2PRFIN20060713_084650_000000372049_00236_22835_9936.N1	13-JUL-2006 08:46:50	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22835	No
97	GOM_NL__2PRFIN20060713_084954_000000522049_00236_22835_9937.N1	13-JUL-2006 08:49:54	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	22835	No
98	GOM_NL__2PRFIN20060713_085406_000000352049_00236_22835_9938.N1	13-JUL-2006 08:54:06	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22835	No
99	GOM_NL__2PRFIN20060713_085748_000000352049_00236_22835_9939.N1	13-JUL-2006 08:57:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22835	No
100	GOM_NL__2PRFIN20060713_091854_000000462049_00236_22835_9940.N1	13-JUL-2006 09:18:54	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	22835	No
101	GOM_NL__2PRFIN20060713_092515_000000432049_00236_22835_9941.N1	13-JUL-2006 09:25:15	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22835	No

102	GOM_NL__2PRFIN20060713_092809_000000472049_00236_22835_9942.N1	13-JUL-2006 09:28:09	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	22835	No
103	GOM_NL__2PRFIN20060713_093702_000000442049_00236_22835_9943.N1	13-JUL-2006 09:37:02	Dark	44.000	157	The1Eri	2.9060	9300.0	88	22835	No
104	GOM_NL__2PRFIN20060713_094312_000000522049_00237_22836_9926.N1	13-JUL-2006 09:43:12	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22836	No
105	GOM_NL__2PRFIN20060713_094658_000000372049_00237_22836_9927.N1	13-JUL-2006 09:46:58	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22836	No
106	GOM_NL__2PRFIN20060713_095045_000000422049_00237_22836_9928.N1	13-JUL-2006 09:50:45	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22836	No
107	GOM_NL__2PRFIN20060713_095444_000000412049_00237_22836_9929.N1	13-JUL-2006 09:54:44	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22836	No
108	GOM_NL__2PRFIN20060713_100206_000000402049_00237_22836_9930.N1	13-JUL-2006 10:02:06	Twilight	39.500	85	Kap Sco	2.4070	28000.	79	22836	No
109	GOM_NL__2PRFIN20060713_100340_000000422049_00237_22836_9931.N1	13-JUL-2006 10:03:40	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	22836	No
110	GOM_NL__2PRFIN20060713_100522_000000402049_00237_22836_9932.N1	13-JUL-2006 10:05:22	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22836	No
111	GOM_NL__2PRFIN20060713_101411_000000352049_00237_22836_9933.N1	13-JUL-2006 10:14:11	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22836	No
112	GOM_NL__2PRFIN20060713_101628_000000362049_00237_22836_9934.N1	13-JUL-2006 10:16:28	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22836	No
113	GOM_NL__2PRFIN20060713_102216_000000382049_00237_22836_9935.N1	13-JUL-2006 10:22:16	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	22836	No
114	GOM_NL__2PRFIN20060713_102726_000000392049_00237_22836_9936.N1	13-JUL-2006 10:27:26	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22836	No
115	GOM_NL__2PRFIN20060713_103030_000000362049_00237_22836_9937.N1	13-JUL-2006 10:30:30	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22836	No
116	GOM_NL__2PRFIN20060713_103442_000000362049_00237_22836_9938.N1	13-JUL-2006 10:34:42	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22836	No
117	GOM_NL__2PRFIN20060713_103824_000000362049_00237_22836_9939.N1	13-JUL-2006 10:38:24	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22836	No
118	GOM_NL__2PRFIN20060713_105930_000000482049_00237_22836_9940.N1	13-JUL-2006 10:59:30	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	22836	No
119	GOM_NL__2PRFIN20060713_110551_000000452049_00237_22836_9941.N1	13-JUL-2006 11:05:51	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	22836	No
120	GOM_NL__2PRFIN20060713_110845_000000442049_00237_22836_9942.N1	13-JUL-2006 11:08:45	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	22836	No
121	GOM_NL__2PRFIN20060713_111738_000000392049_00237_22836_9943.N1	13-JUL-2006 11:17:38	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22836	No
122	GOM_NL__2PRFIN20060713_112349_000000462049_00238_22837_9926.N1	13-JUL-2006 11:23:49	Dark	45.500	9	Alp Eri	0.45300	24000.	91	22837	No
123	GOM_NL__2PRFIN20060713_112734_000000372049_00238_22837_9927.N1	13-JUL-2006 11:27:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22837	No
124	GOM_NL__2PRFIN20060713_113122_000000422049_00238_22837_9928.N1	13-JUL-2006 11:31:22	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	22837	No
125	GOM_NL__2PRFIN20060713_113520_000000402049_00238_22837_9929.N1	13-JUL-2006 11:35:20	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22837	No
126	GOM_NL__2PRFIN20060713_114242_000000382049_00238_22837_9930.N1	13-JUL-2006 11:42:42	Twilight	38.000	85	Kap Sco	2.4070	28000.	76	22837	No
127	GOM_NL__2PRFIN20060713_114417_000000422049_00238_22837_9931.N1	13-JUL-2006 11:44:17	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22837	No
128	GOM_NL__2PRFIN20060713_114558_000000392049_00238_22837_9932.N1	13-JUL-2006 11:45:58	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	22837	No
129	GOM_NL__2PRFIN20060713_115447_000000372049_00238_22837_9933.N1	13-JUL-2006 11:54:47	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22837	No
130	GOM_NL__2PRFIN20060713_115704_000000362049_00238_22837_9934.N1	13-JUL-2006 11:57:04	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22837	No
131	GOM_NL__2PRFIN20060713_120252_000000372049_00238_22837_9935.N1	13-JUL-2006 12:02:52	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22837	No
132	GOM_NL__2PRFIN20060713_120802_000000412049_00238_22837_9936.N1	13-JUL-2006 12:08:02	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	22837	No
133	GOM_NL__2PRFIN20060713_121106_000000352049_00238_22837_9937.N1	13-JUL-2006 12:11:06	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22837	No
134	GOM_NL__2PRFIN20060713_121518_000000362049_00238_22837_9938.N1	13-JUL-2006 12:15:18	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22837	No
135	GOM_NL__2PRFIN20060713_121900_000000362049_00238_22837_9939.N1	13-JUL-2006 12:19:00	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22837	No
136	GOM_NL__2PRFIN20060713_124006_000000512049_00238_22837_9940.N1	13-JUL-2006 12:40:06	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	22837	No
137	GOM_NL__2PRFIN20060713_124627_000000462049_00238_22837_9941.N1	13-JUL-2006 12:46:27	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	22837	No
138	GOM_NL__2PRFIN20060713_124921_000000442049_00238_22837_9942.N1	13-JUL-2006 12:49:21	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22837	No
139	GOM_NL__2PRFIN20060713_125815_000000392049_00238_22837_9943.N1	13-JUL-2006 12:58:15	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22837	No
140	GOM_NL__2PRFIN20060713_130425_000000432049_00239_22838_9926.N1	13-JUL-2006 13:04:25	Dark	42.500	9	Alp Eri	0.45300	24000.	85	22838	No
141	GOM_NL__2PRFIN20060713_130810_000000372049_00239_22838_9927.N1	13-JUL-2006 13:08:10	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22838	No
142	GOM_NL__2PRFIN20060713_131158_000000422049_00239_22838_9928.N1	13-JUL-2006 13:11:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22838	No
143	GOM_NL__2PRFIN20060713_131556_000000392049_00239_22838_9929.N1	13-JUL-2006 13:15:56	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22838	No
144	GOM_NL__2PRFIN20060713_132318_000000372049_00239_22838_9930.N1	13-JUL-2006 13:23:18	Twilight	36.500	85	Kap Sco	2.4070	28000.	73	22838	No
145	GOM_NL__2PRFIN20060713_132453_000000402049_00239_22838_9931.N1	13-JUL-2006 13:24:53	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	22838	No
146	GOM_NL__2PRFIN20060713_132634_000000402049_00239_22838_9932.N1	13-JUL-2006 13:26:34	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22838	No
147	GOM_NL__2PRFIN20060713_133523_000000372049_00239_22838_9933.N1	13-JUL-2006 13:35:23	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	22838	No
148	GOM_NL__2PRFIN20060713_133740_000000352049_00239_22838_9934.N1	13-JUL-2006 13:37:40	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22838	No
149	GOM_NL__2PRFIN20060713_134329_000000362049_00239_22838_9935.N1	13-JUL-2006 13:43:29	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22838	No
150	GOM_NL__2PRFIN20060713_134838_000000382049_00239_22838_9936.N1	13-JUL-2006 13:48:38	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22838	No
151	GOM_NL__2PRFIN20060713_135142_000000432049_00239_22838_9937.N1	13-JUL-2006 13:51:42	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	22838	No
152	GOM_NL__2PRFIN20060713_135554_000000362049_00239_22838_9938.N1	13-JUL-2006 13:55:54	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22838	No
153	GOM_NL__2PRFIN20060713_135936_000000362049_00239_22838_9939.N1	13-JUL-2006 13:59:36	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22838	No
154	GOM_NL__2PRFIN20060713_142042_000000532049_00239_22838_9940.N1	13-JUL-2006 14:20:42	Twilight	52.500	13	87Alp Tau	0.86700	3800.0	105	22838	No
155	GOM_NL__2PRFIN20060713_142703_000000432049_00239_22838_9941.N1	13-JUL-2006 14:27:03	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22838	No
156	GOM_NL__2PRFIN20060713_142958_000000462049_00239_22838_9942.N1	13-JUL-2006 14:29:58	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22838	No
157	GOM_NL__2PRFIN20060713_143851_000000302049_00239_22838_9943.N1	13-JUL-2006 14:38:51	Dark	30.000	157	The1Eri	2.9060	9300.0	60	22838	No
158	GOM_NL__2PRFIN20060713_144502_000000412049_00240_22839_9926.N1	13-JUL-2006 14:45:02	Dark	41.000	9	Alp Eri	0.45300	24000.	82	22839	No
159	GOM_NL__2PRFIN20060713_144847_000000372049_00240_22839_9927.N1	13-JUL-2006 14:48:47	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22839	No
160	GOM_NL__2PRFIN20060713_145234_000000412049_00240_22839_9928.N1	13-JUL-2006 14:52:34	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22839	No



161	GOM_NL__2PRFIN20060713_145632_000000392049_00240_22839_9929.N1	13-JUL-2006 14:56:32	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22839	No
162	GOM_NL__2PRFIN20060713_150354_000000422049_00240_22839_9930.N1	13-JUL-2006 15:03:54	Twilight	42.000	85	Kap Sco	2.4070	28000.	84	22839	No
163	GOM_NL__2PRFIN20060713_150529_000000542049_00240_22839_9931.N1	13-JUL-2006 15:05:29	Bright	53.500	103	38Zet Sgr	2.6000	9700.0	107	22839	No
164	GOM_NL__2PRFIN20060713_150710_000000412049_00240_22839_9932.N1	13-JUL-2006 15:07:10	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22839	No
165	GOM_NL__2PRFIN20060713_151559_000000362049_00240_22839_9933.N1	13-JUL-2006 15:15:59	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22839	No
166	GOM_NL__2PRFIN20060713_151816_000000352049_00240_22839_9934.N1	13-JUL-2006 15:18:16	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22839	No
167	GOM_NL__2PRFIN20060713_152405_000000362049_00240_22839_9935.N1	13-JUL-2006 15:24:05	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22839	No
168	GOM_NL__2PRFIN20060713_152913_000000352049_00240_22839_9936.N1	13-JUL-2006 15:29:13	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	22839	No
169	GOM_NL__2PRFIN20060713_153218_000000372049_00240_22839_9937.N1	13-JUL-2006 15:32:18	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22839	No
170	GOM_NL__2PRFIN20060713_153630_000000332049_00240_22839_9938.N1	13-JUL-2006 15:36:30	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22839	No
171	GOM_NL__2PRFIN20060713_154012_000000362049_00240_22839_9939.N1	13-JUL-2006 15:40:12	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22839	No
172	GOM_NL__2PRFIN20060713_160119_000000452049_00240_22839_9940.N1	13-JUL-2006 16:01:19	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	22839	No
173	GOM_NL__2PRFIN20060713_160739_000000382049_00240_22839_9941.N1	13-JUL-2006 16:07:39	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22839	No
174	GOM_NL__2PRFIN20060713_161034_000000452049_00240_22839_9942.N1	13-JUL-2006 16:10:34	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	22839	No
175	GOM_NL__2PRFIN20060713_161928_000000302049_00240_22839_9943.N1	13-JUL-2006 16:19:28	Dark	30.000	157	The1Eri	2.9060	9300.0	60	22839	No
176	GOM_NL__2PRFIN20060713_162538_000000462049_00241_22840_9926.N1	13-JUL-2006 16:25:38	Dark	45.500	9	Alp Eri	0.45300	24000.	91	22840	No
177	GOM_NL__2PRFIN20060713_162923_000000372049_00241_22840_9927.N1	13-JUL-2006 16:29:23	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22840	No
178	GOM_NL__2PRFIN20060713_163311_000000422049_00241_22840_9928.N1	13-JUL-2006 16:33:11	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	22840	No
179	GOM_NL__2PRFIN20060713_163709_000000412049_00241_22840_9929.N1	13-JUL-2006 16:37:09	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22840	No
180	GOM_NL__2PRFIN20060713_164430_000000402049_00241_22840_9930.N1	13-JUL-2006 16:44:30	Twilight	40.000	85	Kap Sco	2.4070	28000.	80	22840	No
181	GOM_NL__2PRFIN20060713_164605_000000422049_00241_22840_9931.N1	13-JUL-2006 16:46:05	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	22840	No
182	GOM_NL__2PRFIN20060713_164747_000000392049_00241_22840_9932.N1	13-JUL-2006 16:47:47	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22840	No
183	GOM_NL__2PRFIN20060713_165635_000000362049_00241_22840_9933.N1	13-JUL-2006 16:56:35	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22840	No
184	GOM_NL__2PRFIN20060713_165852_000000372049_00241_22840_9934.N1	13-JUL-2006 16:58:52	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22840	No
185	GOM_NL__2PRFIN20060713_170441_000000362049_00241_22840_9935.N1	13-JUL-2006 17:04:41	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22840	No
186	GOM_NL__2PRFIN20060713_170949_000000382049_00241_22840_9936.N1	13-JUL-2006 17:09:49	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22840	No
187	GOM_NL__2PRFIN20060713_171254_000000402049_00241_22840_9937.N1	13-JUL-2006 17:12:54	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22840	No
188	GOM_NL__2PRFIN20060713_171707_000000412049_00241_22840_9938.N1	13-JUL-2006 17:17:07	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	22840	No
189	GOM_NL__2PRFIN20060713_172048_000000352049_00241_22840_9939.N1	13-JUL-2006 17:20:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22840	No
190	GOM_NL__2PRFIN20060713_174155_000000452049_00241_22840_9940.N1	13-JUL-2006 17:41:55	Twilight	44.500	13	87Alp Tau	0.86700	3800.0	89	22840	No
191	GOM_NL__2PRFIN20060713_174815_000000382049_00241_22840_9941.N1	13-JUL-2006 17:48:15	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22840	No
192	GOM_NL__2PRFIN20060713_175111_000000472049_00241_22840_9942.N1	13-JUL-2006 17:51:11	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22840	No
193	GOM_NL__2PRFIN20060713_180615_000000522049_00242_22841_9946.N1	13-JUL-2006 18:06:15	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22841	No
194	GOM_NL__2PRFIN20060713_180959_000000372049_00242_22841_9947.N1	13-JUL-2006 18:09:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22841	No
195	GOM_NL__2PRFIN20060713_181347_000000502049_00242_22841_9948.N1	13-JUL-2006 18:13:47	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	22841	No
196	GOM_NL__2PRFIN20060713_181745_000000392049_00242_22841_9949.N1	13-JUL-2006 18:17:45	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	22841	No
197	GOM_NL__2PRFIN20060713_182506_000000382049_00242_22841_9950.N1	13-JUL-2006 18:25:06	Twilight	38.000	85	Kap Sco	2.4070	28000.	76	22841	No
198	GOM_NL__2PRFIN20060713_182641_000000462049_00242_22841_9951.N1	13-JUL-2006 18:26:41	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	22841	No
199	GOM_NL__2PRFIN20060713_182823_000000402049_00242_22841_9952.N1	13-JUL-2006 18:28:23	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	22841	No
200	GOM_NL__2PRFIN20060713_183711_000000352049_00242_22841_9953.N1	13-JUL-2006 18:37:11	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22841	No
201	GOM_NL__2PRFIN20060713_183928_000000362049_00242_22841_9954.N1	13-JUL-2006 18:39:28	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22841	No
202	GOM_NL__2PRFIN20060713_184517_000000352049_00242_22841_9955.N1	13-JUL-2006 18:45:17	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22841	No
203	GOM_NL__2PRFIN20060713_185025_000000382049_00242_22841_9956.N1	13-JUL-2006 18:50:25	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22841	No
204	GOM_NL__2PRFIN20060713_185331_000000362049_00242_22841_9957.N1	13-JUL-2006 18:53:31	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22841	No
205	GOM_NL__2PRFIN20060713_185743_000000362049_00242_22841_9958.N1	13-JUL-2006 18:57:43	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22841	No
206	GOM_NL__2PRFIN20060713_190124_000000362049_00242_22841_9959.N1	13-JUL-2006 19:01:24	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22841	No
207	GOM_NL__2PRFIN20060713_192231_000000472049_00242_22841_9960.N1	13-JUL-2006 19:22:31	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	22841	No
208	GOM_NL__2PRFIN20060713_192851_000000392049_00242_22841_9961.N1	13-JUL-2006 19:28:51	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22841	No
209	GOM_NL__2PRFIN20060713_193147_000000462049_00242_22841_9962.N1	13-JUL-2006 19:31:47	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22841	No
210	GOM_NL__2PRFIN20060713_194651_000000512049_00243_22842_9946.N1	13-JUL-2006 19:46:51	Dark	51.000	9	Alp Eri	0.45300	24000.	102	22842	No
211	GOM_NL__2PRFIN20060713_195035_000000382049_00243_22842_9947.N1	13-JUL-2006 19:50:35	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	22842	No
212	GOM_NL__2PRFIN20060713_195424_000000402049_00243_22842_9948.N1	13-JUL-2006 19:54:24	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22842	No
213	GOM_NL__2PRFIN20060713_195821_000000392049_00243_22842_9949.N1	13-JUL-2006 19:58:21	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22842	No
214	GOM_NL__2PRFIN20060713_200542_000000392049_00243_22842_9950.N1	13-JUL-2006 20:05:42	Twilight	39.000	85	Kap Sco	2.4070	28000.	78	22842	No
215	GOM_NL__2PRFIN20060713_200717_000000412049_00243_22842_9951.N1	13-JUL-2006 20:07:17	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	22842	No
216	GOM_NL__2PRFIN20060713_200859_000000382049_00243_22842_9952.N1	13-JUL-2006 20:08:59	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	22842	No
217	GOM_NL__2PRFIN20060713_201747_000000362049_00243_22842_9953.N1	13-JUL-2006 20:17:47	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22842	No
218	GOM_NL__2PRFIN20060713_202004_000000352049_00243_22842_9954.N1	13-JUL-2006 20:20:04	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22842	No
219	GOM_NL__2PRFIN20060713_202554_000000372049_00243_22842_9955.N1	13-JUL-2006 20:25:54	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22842	No

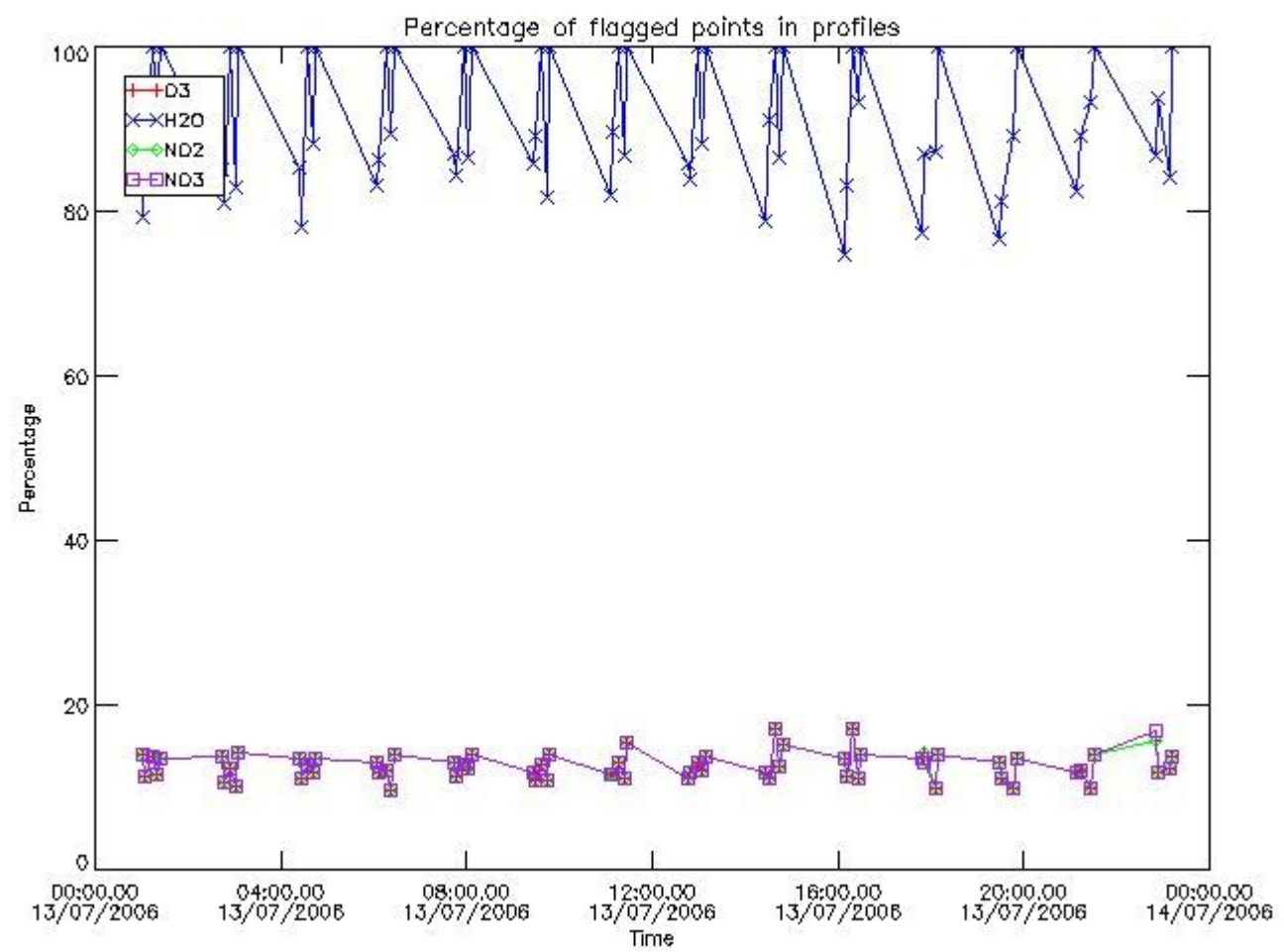


220	GOM_NL__2PRFIN20060713_203101_000000372049_00243_22842_9956.N1	13-JUL-2006 20:31:01	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	22842	No
221	GOM_NL__2PRFIN20060713_203407_000000362049_00243_22842_9957.N1	13-JUL-2006 20:34:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22842	No
222	GOM_NL__2PRFIN20060713_203819_000000362049_00243_22842_9958.N1	13-JUL-2006 20:38:19	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22842	No
223	GOM_NL__2PRFIN20060713_204159_000000362049_00243_22842_9959.N1	13-JUL-2006 20:41:59	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22842	No
224	GOM_NL__2PRFIN20060713_210307_000000472049_00243_22842_9960.N1	13-JUL-2006 21:03:07	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22842	No
225	GOM_NL__2PRFIN20060713_210927_000000432049_00243_22842_9961.N1	13-JUL-2006 21:09:27	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22842	No
226	GOM_NL__2PRFIN20060713_211223_000000472049_00243_22842_9962.N1	13-JUL-2006 21:12:23	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22842	No
227	GOM_NL__2PRFIN20060713_212728_000000522049_00244_22843_9946.N1	13-JUL-2006 21:27:28	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22843	No
228	GOM_NL__2PRFIN20060713_213111_000000372049_00244_22843_9947.N1	13-JUL-2006 21:31:11	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22843	No
229	GOM_NL__2PRFIN20060713_213500_000000402049_00244_22843_9948.N1	13-JUL-2006 21:35:00	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22843	No
230	GOM_NL__2PRFIN20060713_213858_000000392049_00244_22843_9949.N1	13-JUL-2006 21:38:58	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22843	No
231	GOM_NL__2PRFIN20060713_214618_000000382049_00244_22843_9950.N1	13-JUL-2006 21:46:18	Tw_i_and_stray	38.000	85	Kap Sco	2.4070	28000.	76	22843	No
232	GOM_NL__2PRFIN20060713_214753_000000412049_00244_22843_9951.N1	13-JUL-2006 21:47:53	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	22843	No
233	GOM_NL__2PRFIN20060713_214935_000000382049_00244_22843_9952.N1	13-JUL-2006 21:49:35	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	22843	No
234	GOM_NL__2PRFIN20060713_215823_000000352049_00244_22843_9953.N1	13-JUL-2006 21:58:23	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22843	No
235	GOM_NL__2PRFIN20060713_220040_000000352049_00244_22843_9954.N1	13-JUL-2006 22:00:40	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22843	No
236	GOM_NL__2PRFIN20060713_220630_000000372049_00244_22843_9955.N1	13-JUL-2006 22:06:30	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22843	No
237	GOM_NL__2PRFIN20060713_221137_000000372049_00244_22843_9956.N1	13-JUL-2006 22:11:37	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	22843	No
238	GOM_NL__2PRFIN20060713_221443_000000372049_00244_22843_9957.N1	13-JUL-2006 22:14:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22843	No
239	GOM_NL__2PRFIN20060713_221855_000000352049_00244_22843_9958.N1	13-JUL-2006 22:18:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22843	No
240	GOM_NL__2PRFIN20060713_222235_000000352049_00244_22843_9959.N1	13-JUL-2006 22:22:35	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22843	No
241	GOM_NL__2PRFIN20060713_224343_000000492049_00244_22843_9960.N1	13-JUL-2006 22:43:43	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	22843	No
242	GOM_NL__2PRFIN20060713_225003_000000422049_00244_22843_9961.N1	13-JUL-2006 22:50:03	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	22843	No
243	GOM_NL__2PRFIN20060713_225300_000000482049_00244_22843_9962.N1	13-JUL-2006 22:53:00	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	22843	No
244	GOM_NL__2PRFIN20060713_230804_000000422049_00245_22844_9946.N1	13-JUL-2006 23:08:04	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22844	No
245	GOM_NL__2PRFIN20060713_231147_000000372049_00245_22844_9947.N1	13-JUL-2006 23:11:47	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22844	No
246	GOM_NL__2PRFIN20060713_231537_000000412049_00245_22844_9948.N1	13-JUL-2006 23:15:37	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22844	No
247	GOM_NL__2PRFIN20060713_231934_000000392049_00245_22844_9949.N1	13-JUL-2006 23:19:34	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	22844	No
248	GOM_NL__2PRFIN20060713_232654_000000382049_00245_22844_9950.N1	13-JUL-2006 23:26:54	Tw_i_and_stray	38.000	85	Kap Sco	2.4070	28000.	76	22844	No
249	GOM_NL__2PRFIN20060713_232830_000000402049_00245_22844_9951.N1	13-JUL-2006 23:28:30	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	22844	No
250	GOM_NL__2PRFIN20060713_233011_000000412049_00245_22844_9952.N1	13-JUL-2006 23:30:11	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22844	No
251	GOM_NL__2PRFIN20060713_233859_000000352049_00245_22844_9953.N1	13-JUL-2006 23:38:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22844	No
252	GOM_NL__2PRFIN20060713_234116_000000342049_00245_22844_9954.N1	13-JUL-2006 23:41:16	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22844	No
253	GOM_NL__2PRFIN20060713_234706_000000342049_00245_22844_9955.N1	13-JUL-2006 23:47:06	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22844	No
254	GOM_NL__2PRFIN20060713_235213_000000342049_00245_22844_9956.N1	13-JUL-2006 23:52:13	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	22844	No
255	GOM_NL__2PRFIN20060713_235519_000000352049_00245_22844_9957.N1	13-JUL-2006 23:55:19	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	22844	No
256	GOM_NL__2PRFIN20060713_235931_000000322049_00245_22844_9958.N1	13-JUL-2006 23:59:31	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	22844	No

### 3. Quality information per product

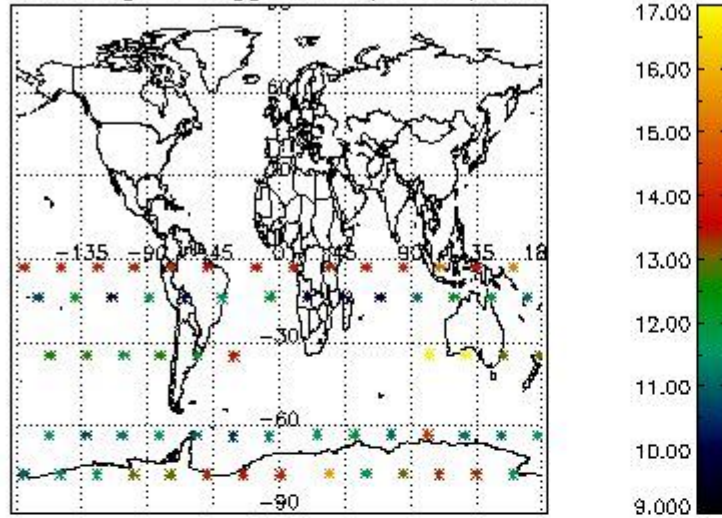
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

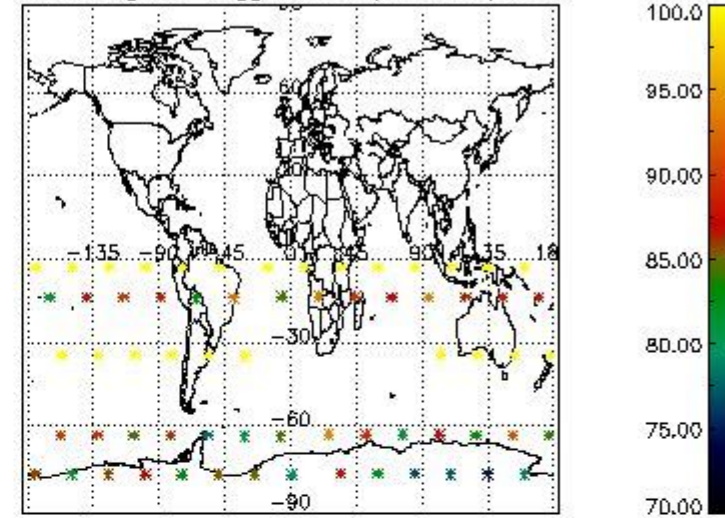


3.2 Plot quality information per product (world map)

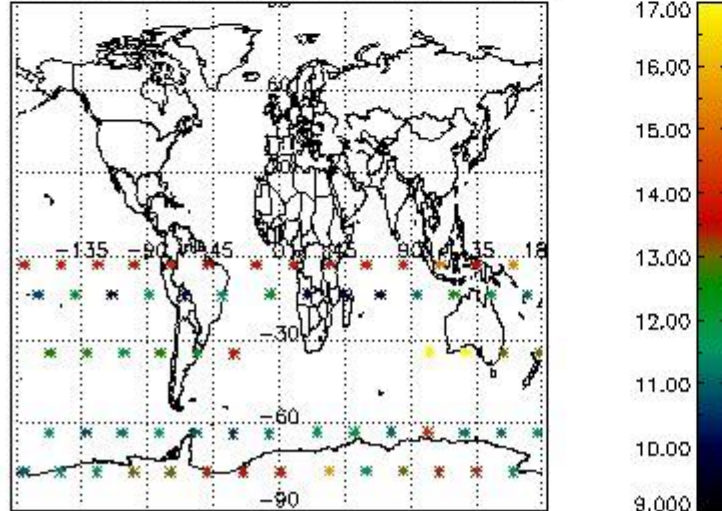
Percentage of flagged data per O3 profile



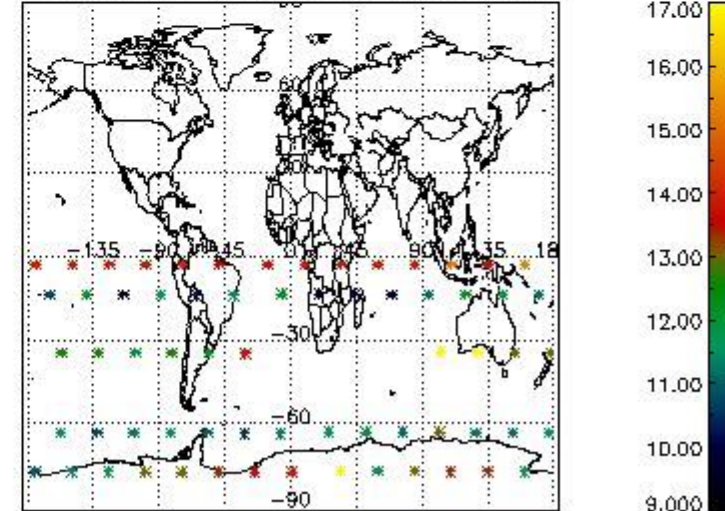
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

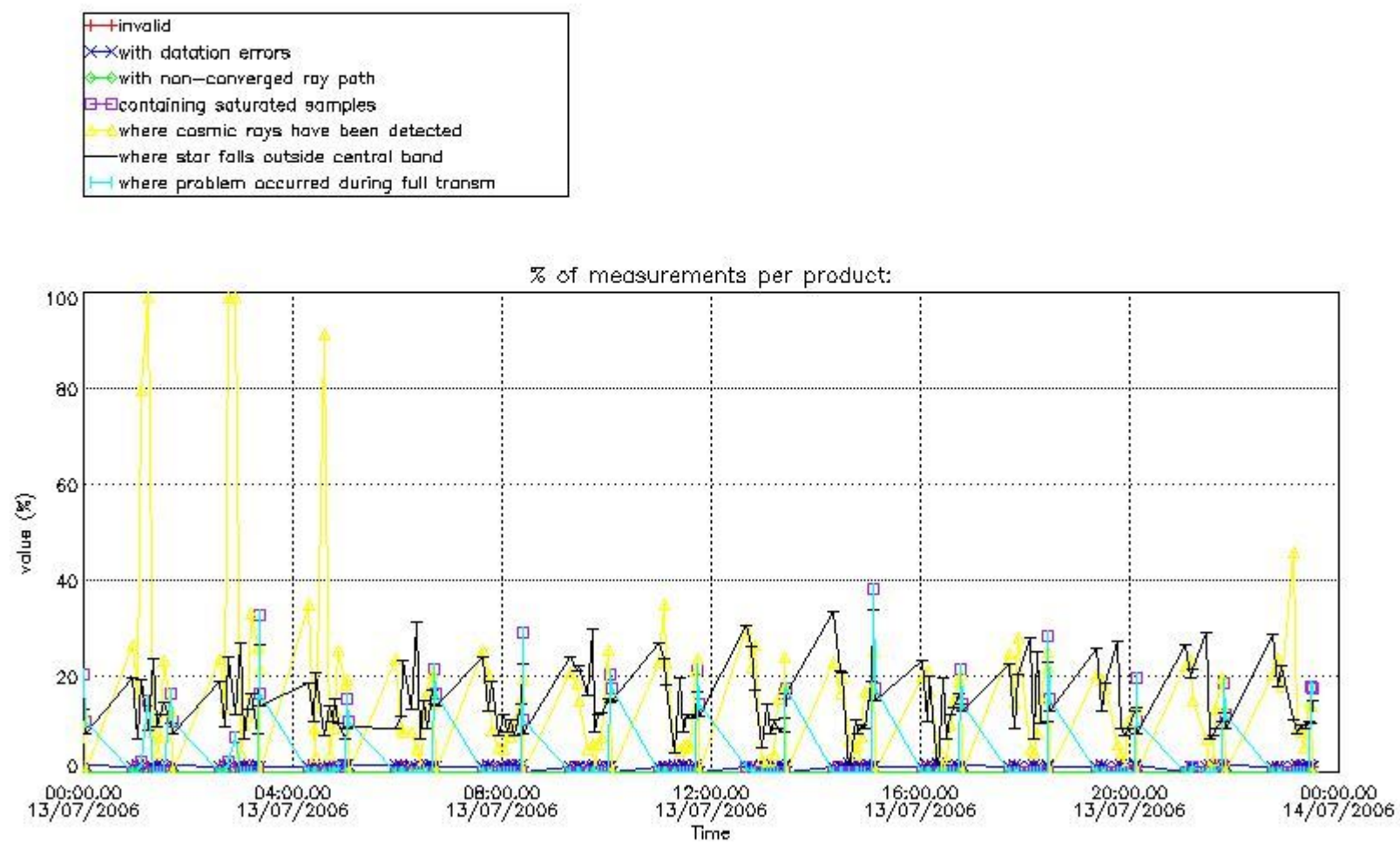


#### 4. Level 1 quality information per product

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.

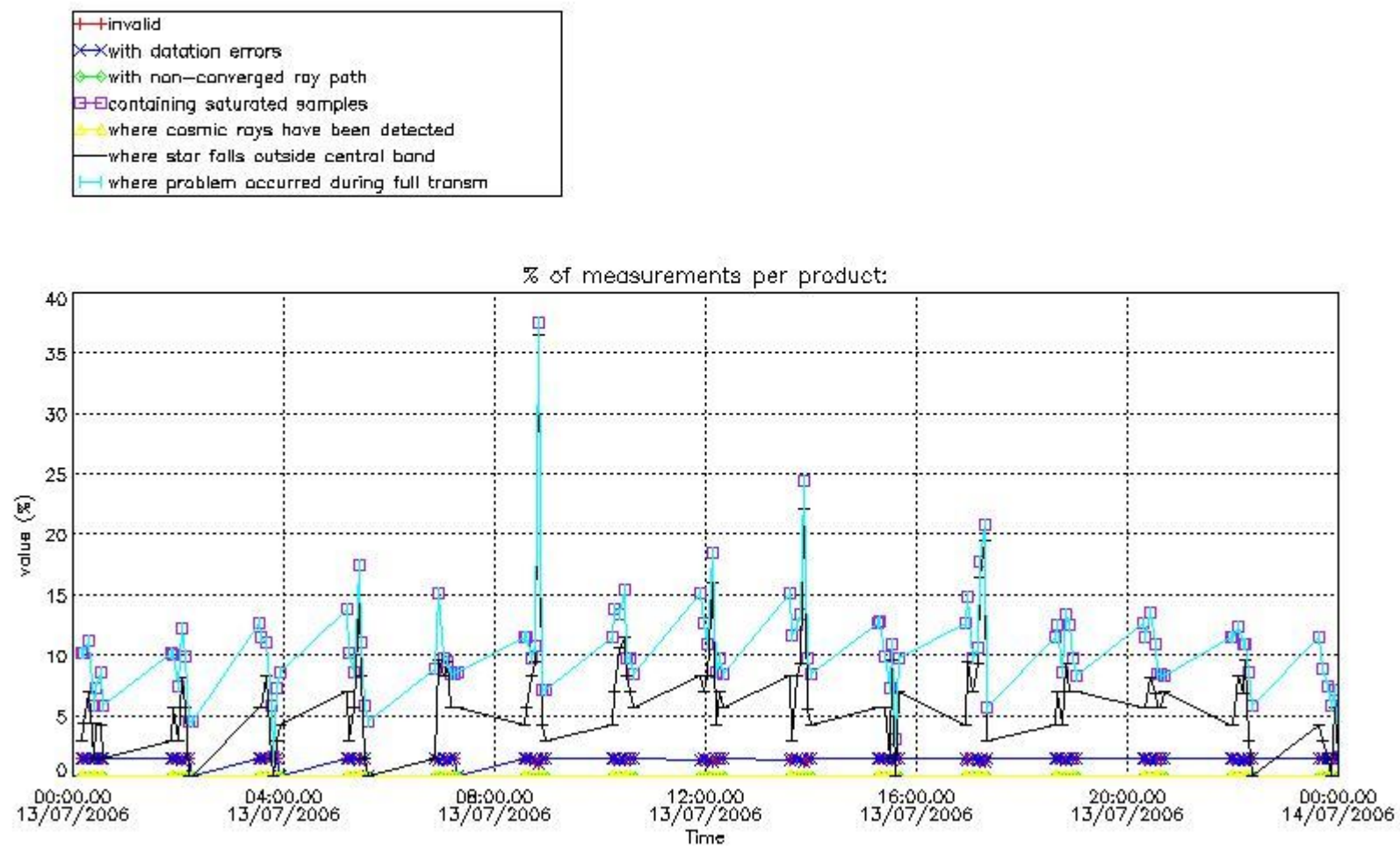
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

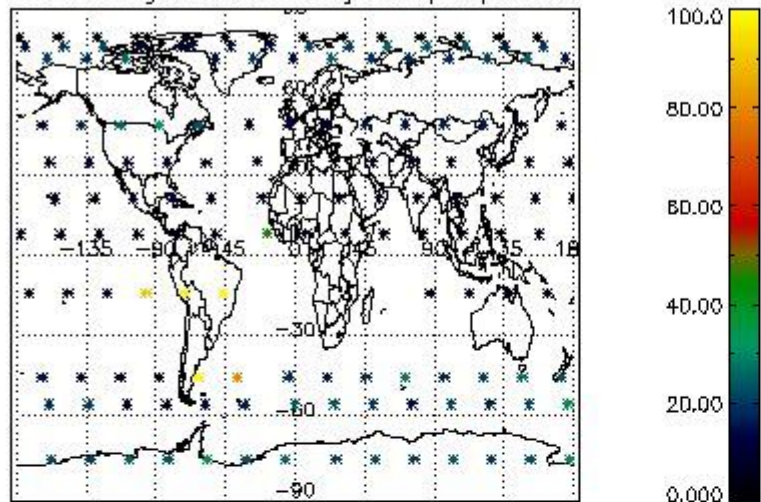




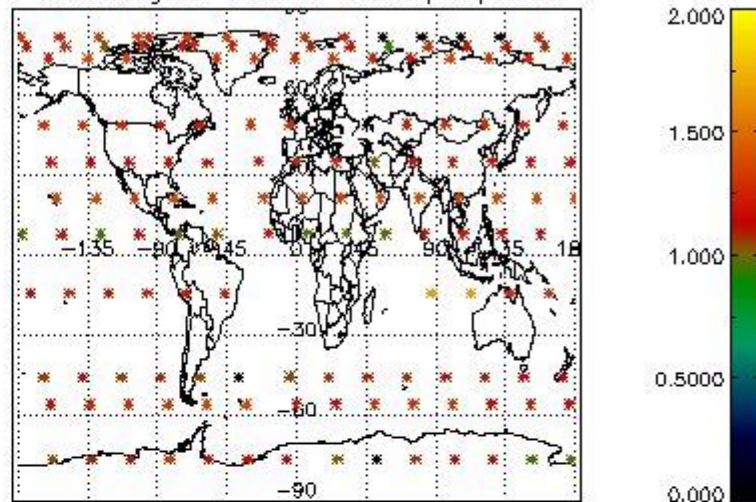
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

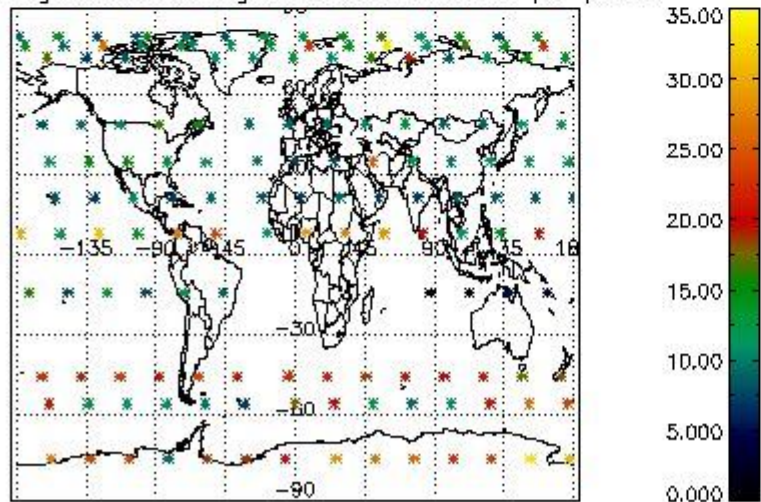
Percentage of cosmic ray hits per profile



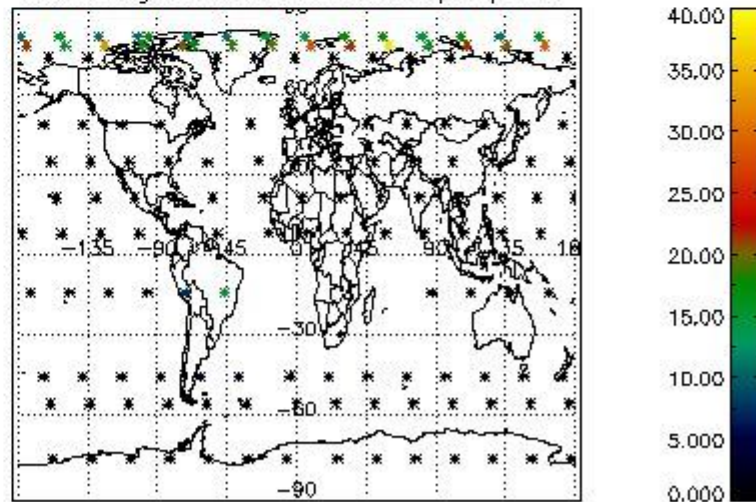
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

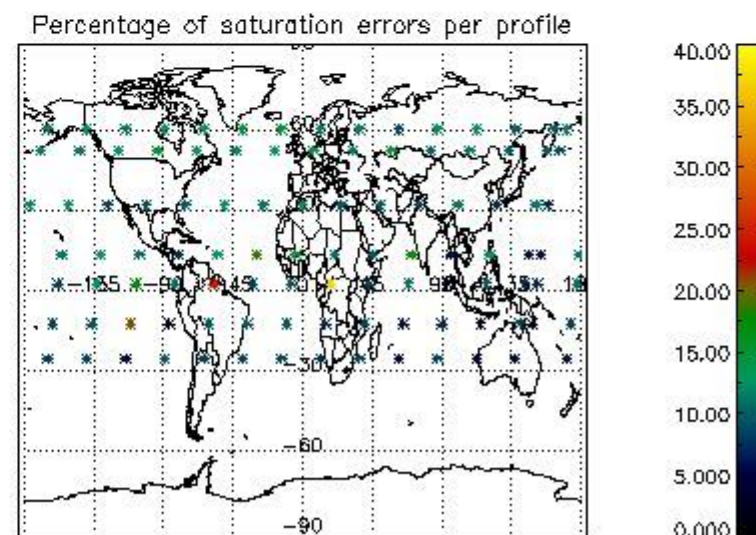
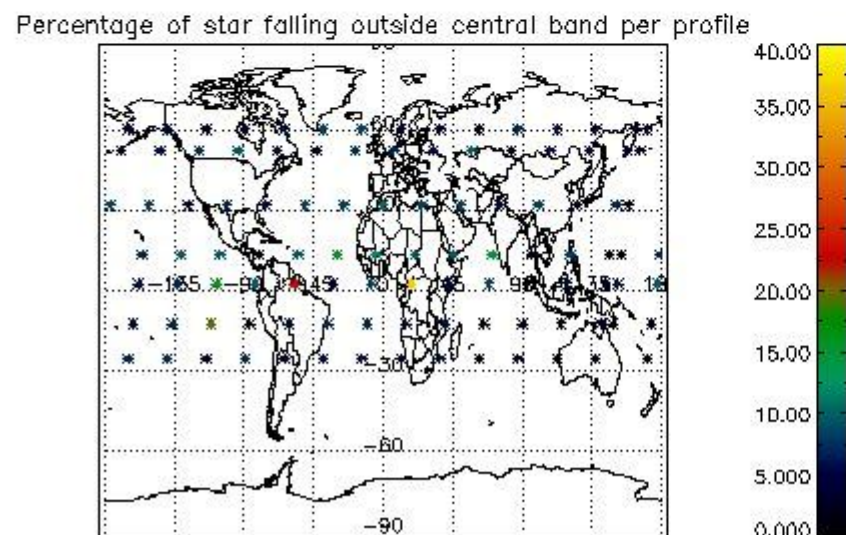
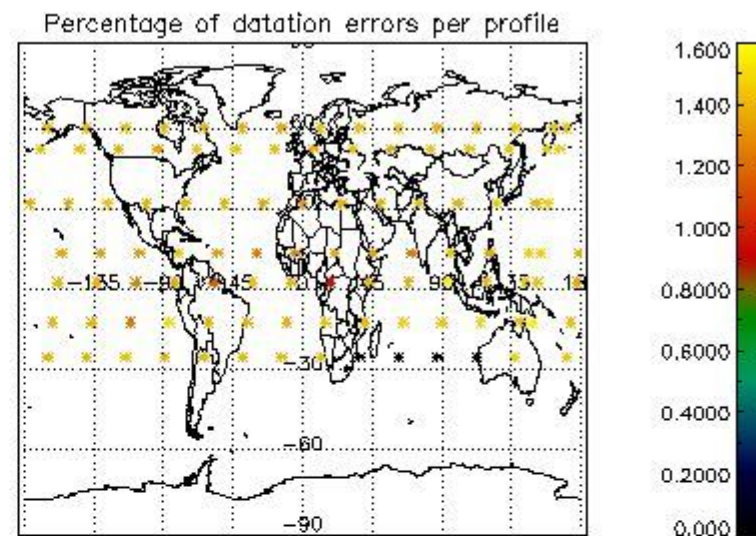
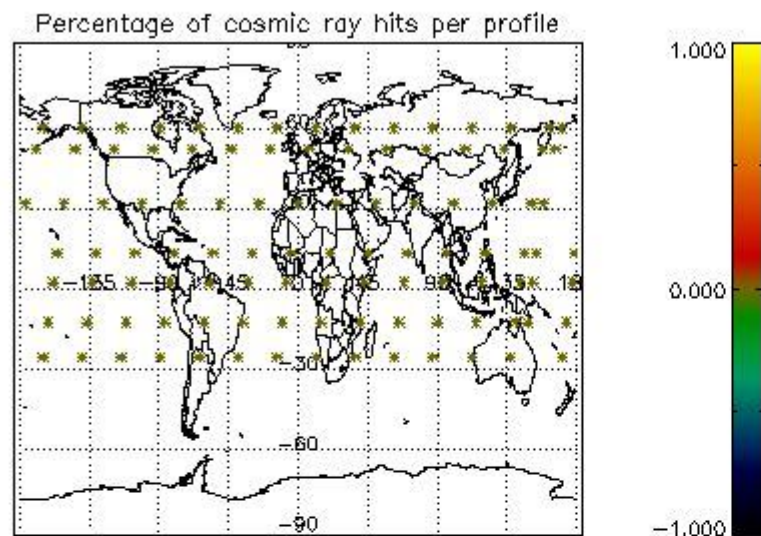


Percentage of saturation errors per profile



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

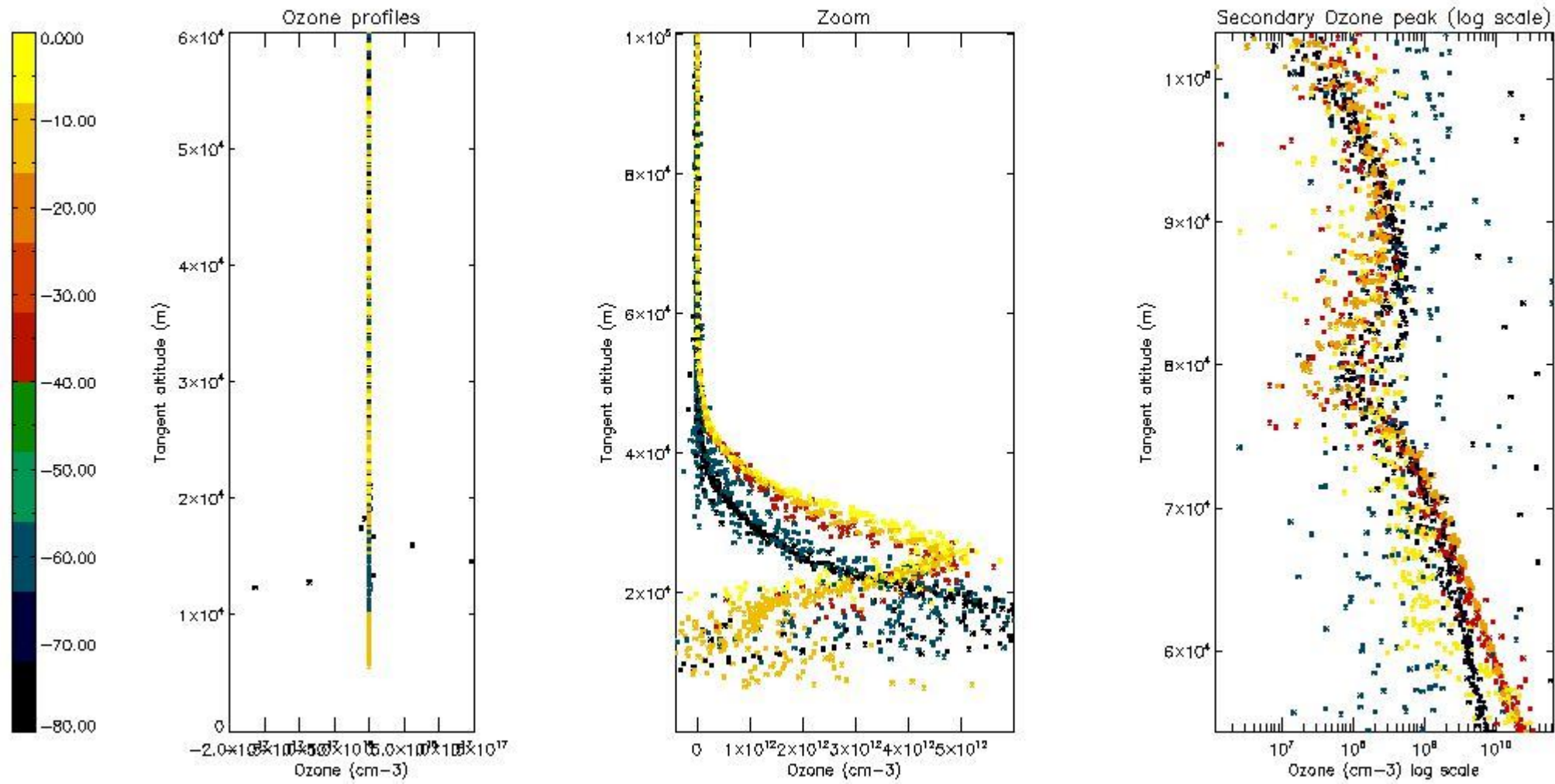
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	14

STD < 10	11
STD < 5	7

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

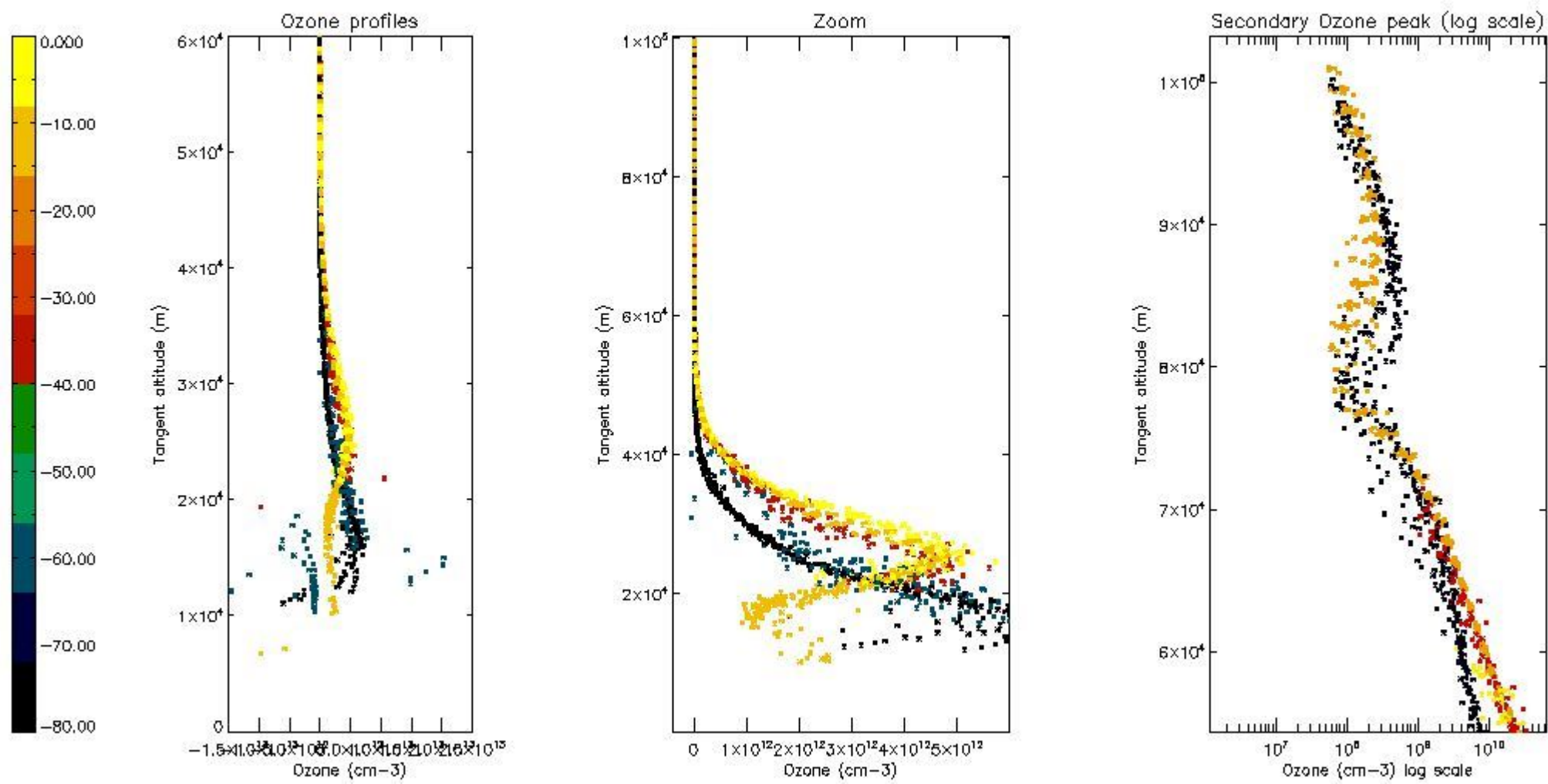
The colorbar represents the latitude.



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

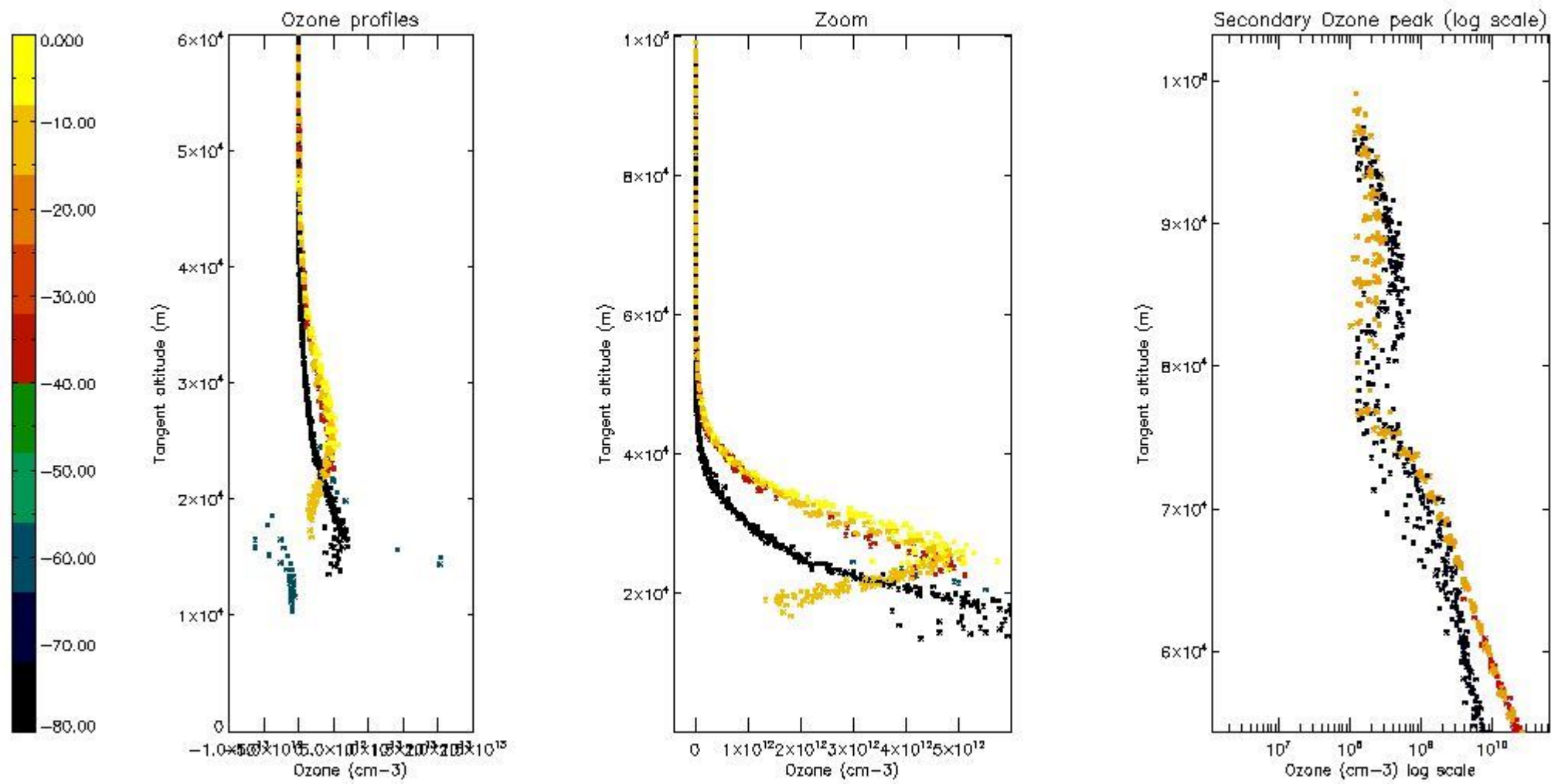
The colorbar represents the latitude.





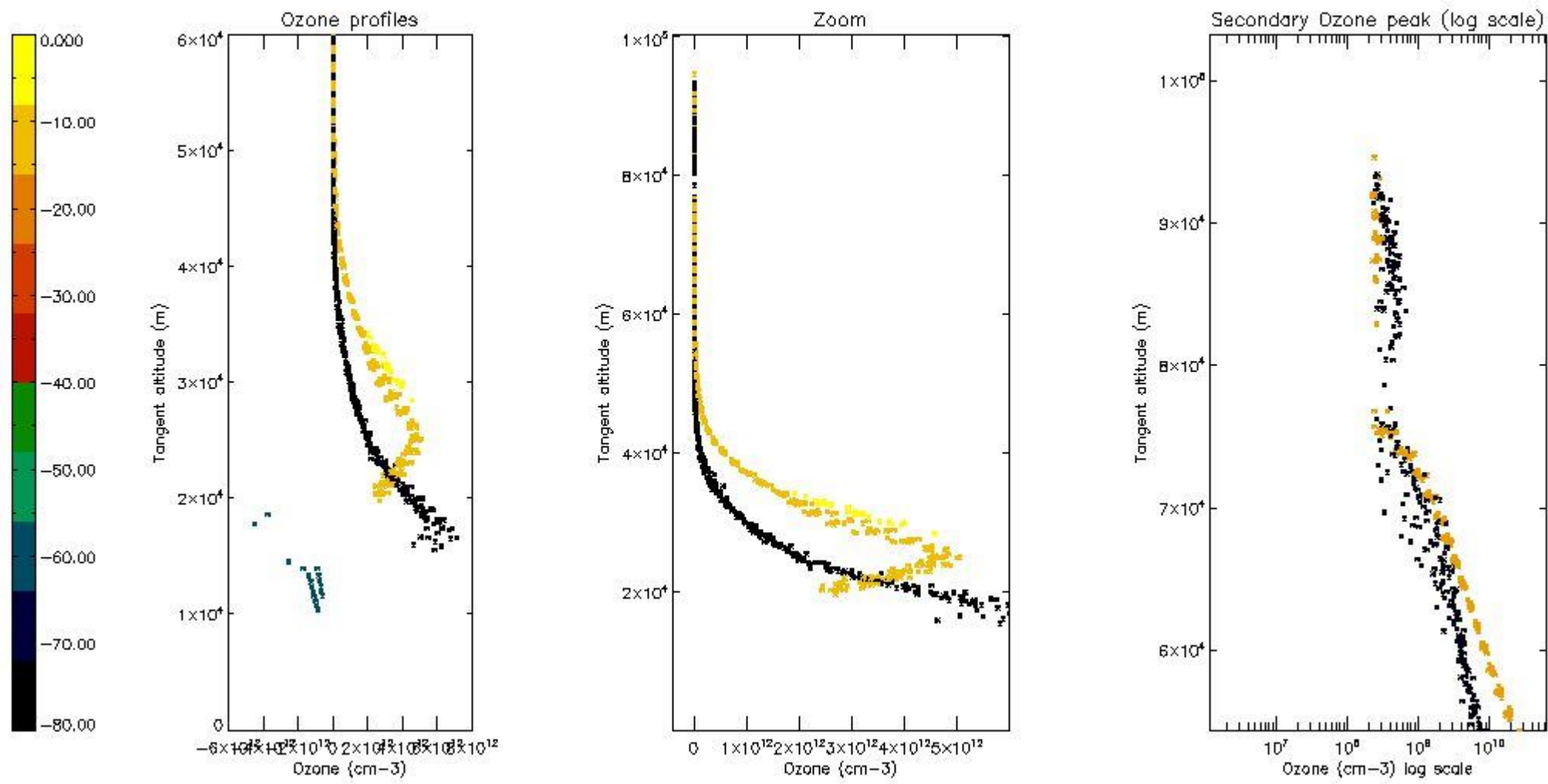
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



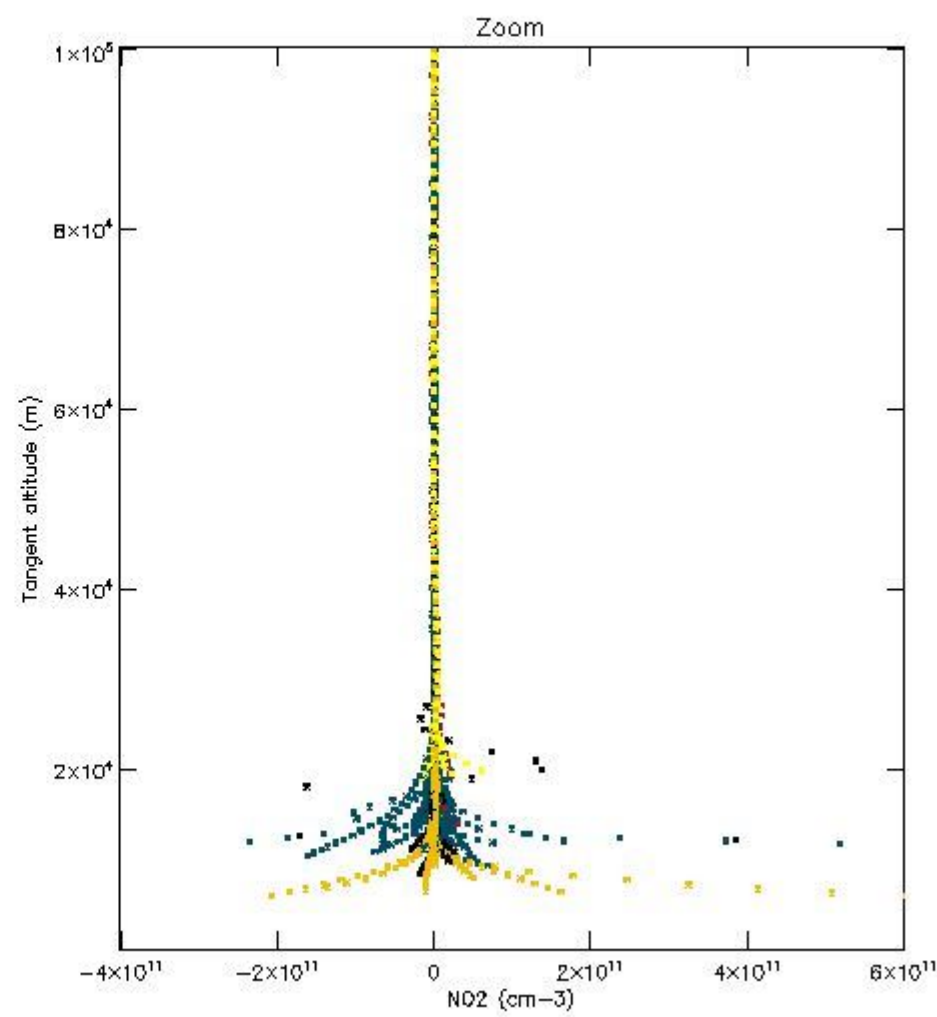
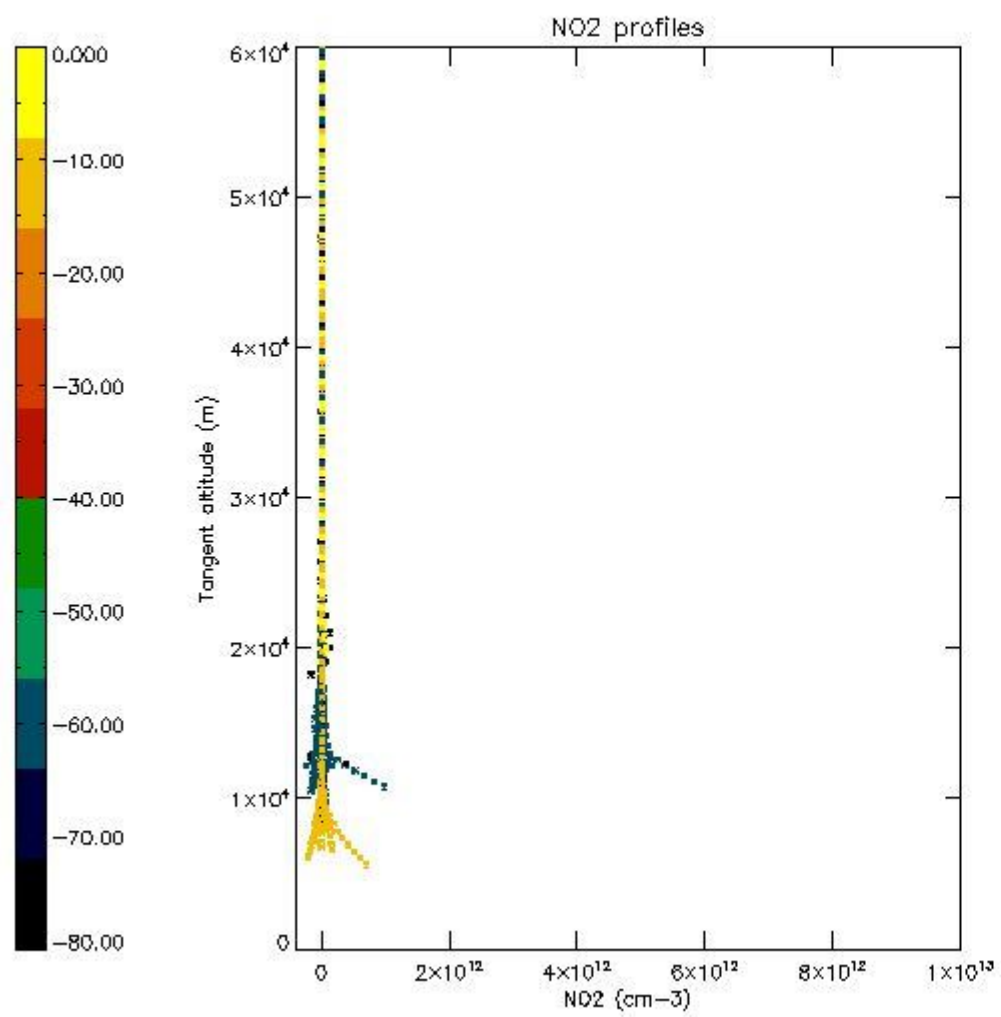
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

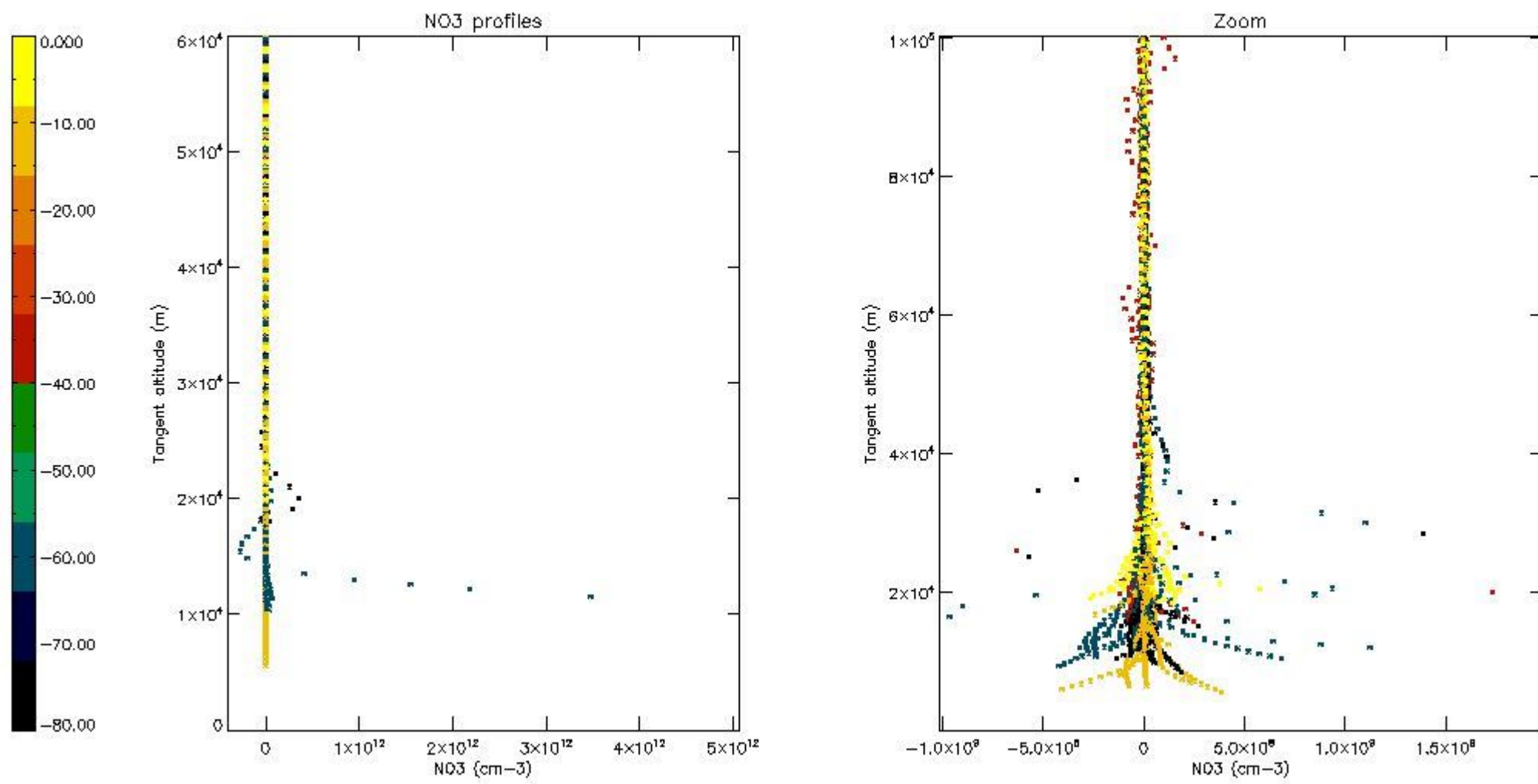
The colorbar represents the latitude.



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

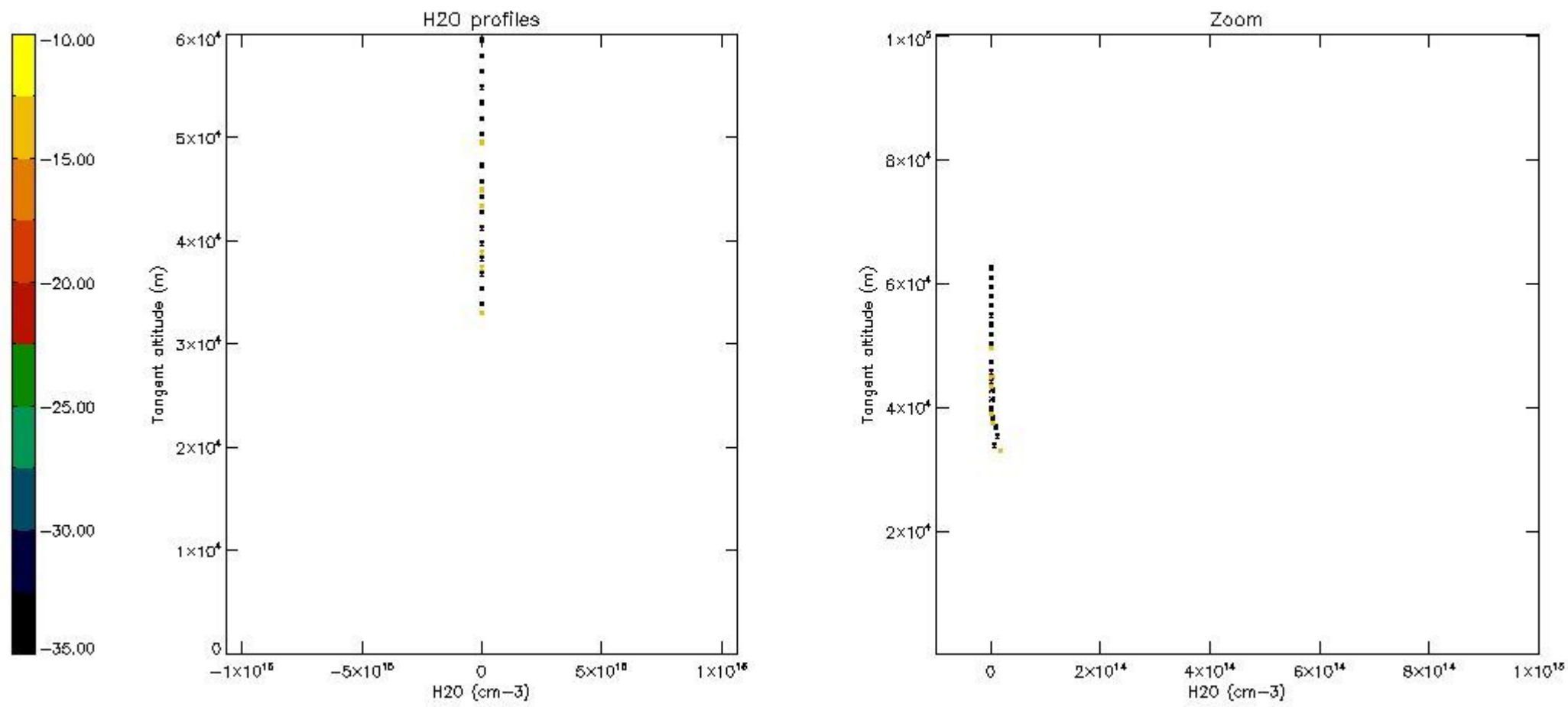
The colorbar represents the latitude.





5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

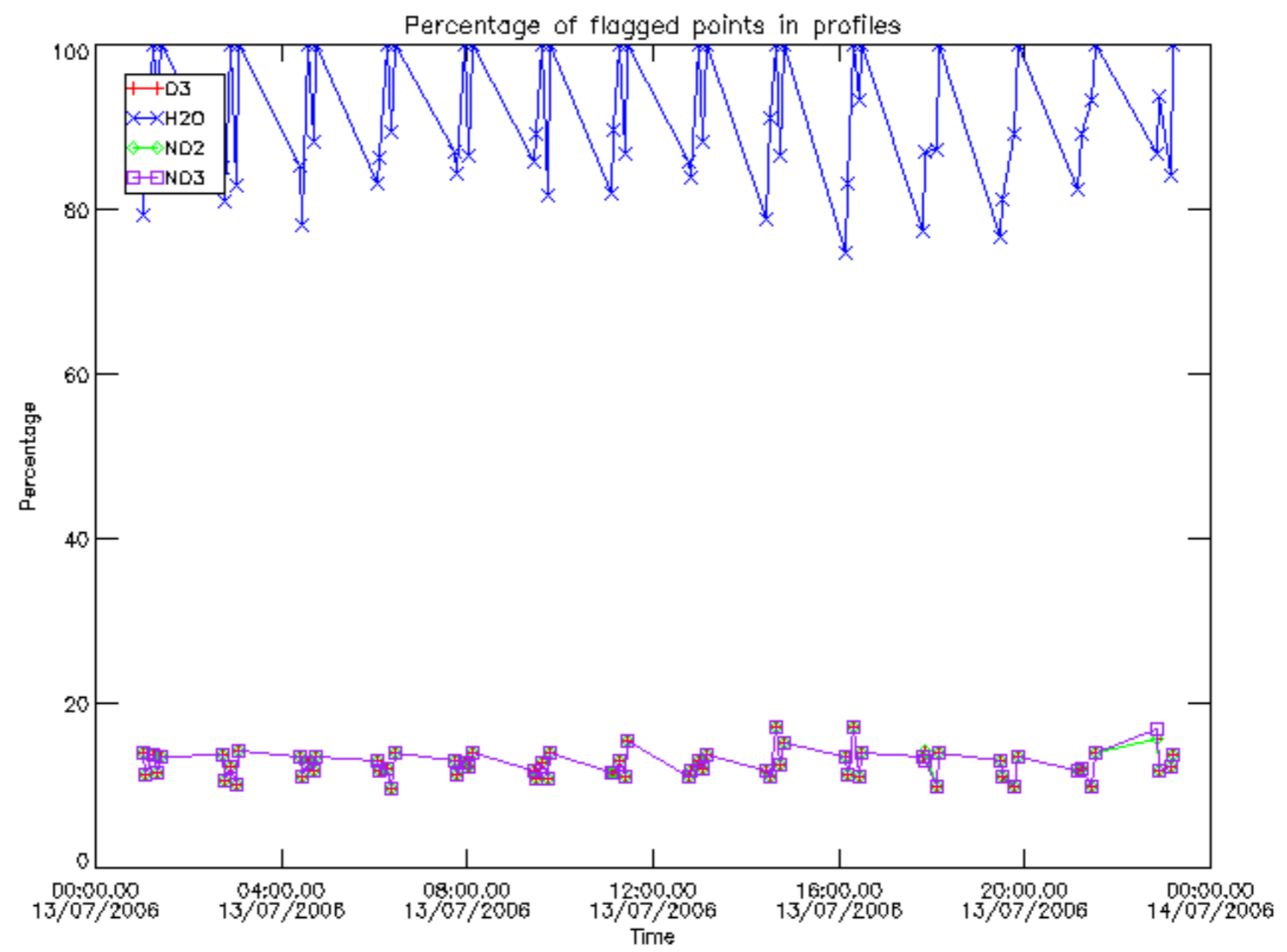
The colorbar represents the latitude.



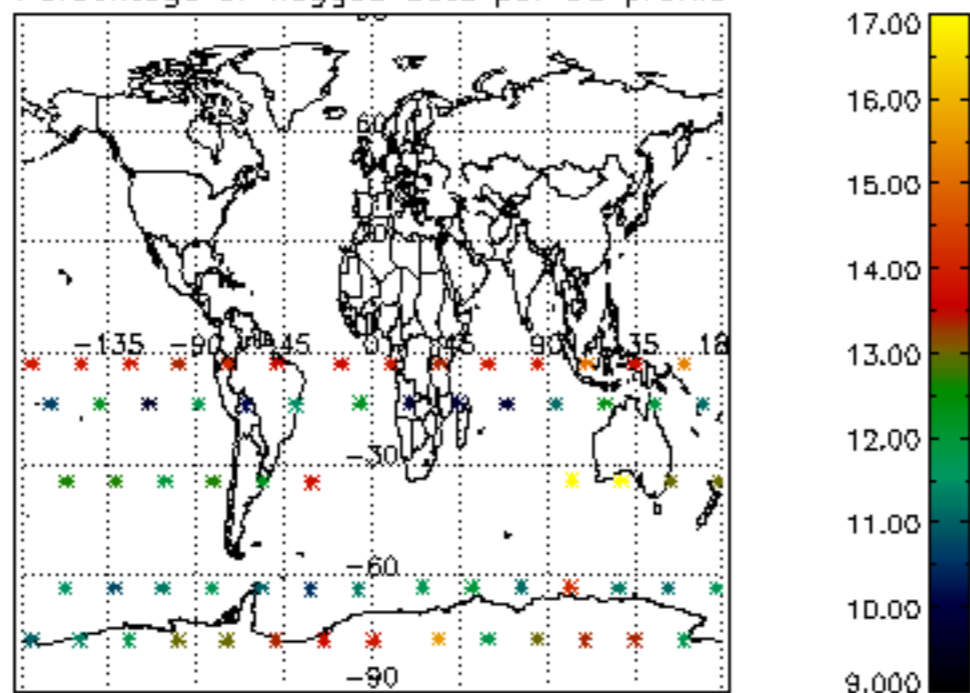
## 6. Auxiliary Data Files used for the production reported in section 2

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.

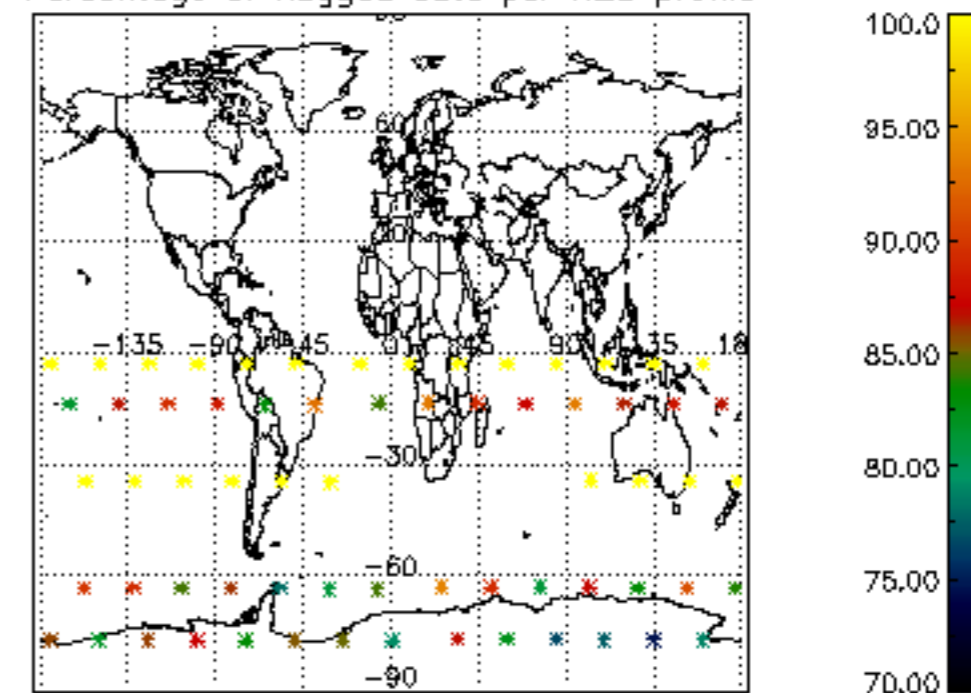
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-JUL-2006 00:00:03
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-JUL-2006 00:00:03
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-JUL-2006 00:00:03



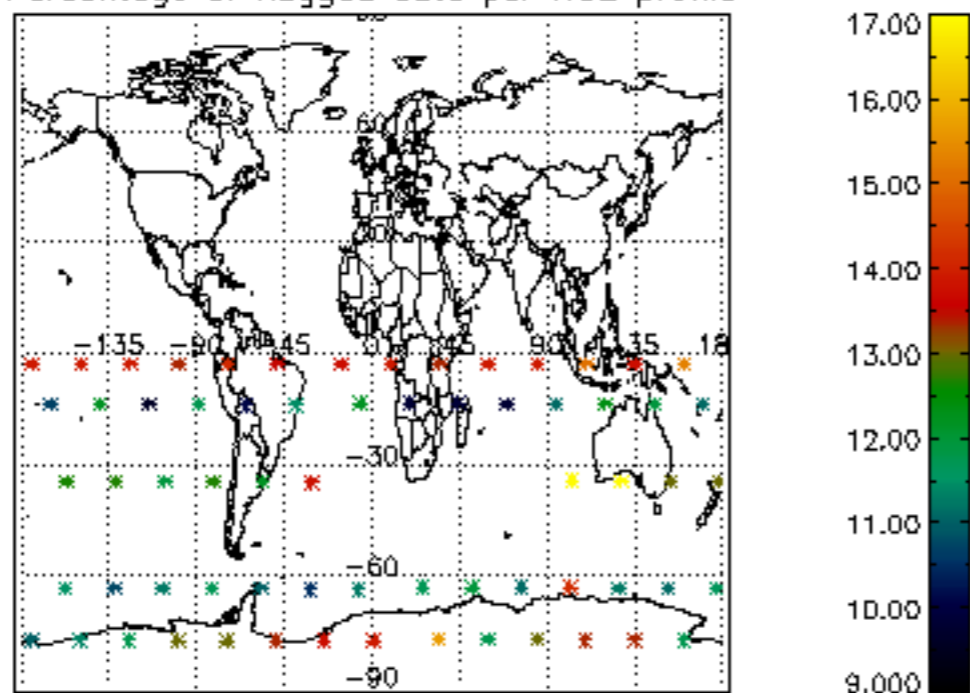
Percentage of flagged data per D3 profile



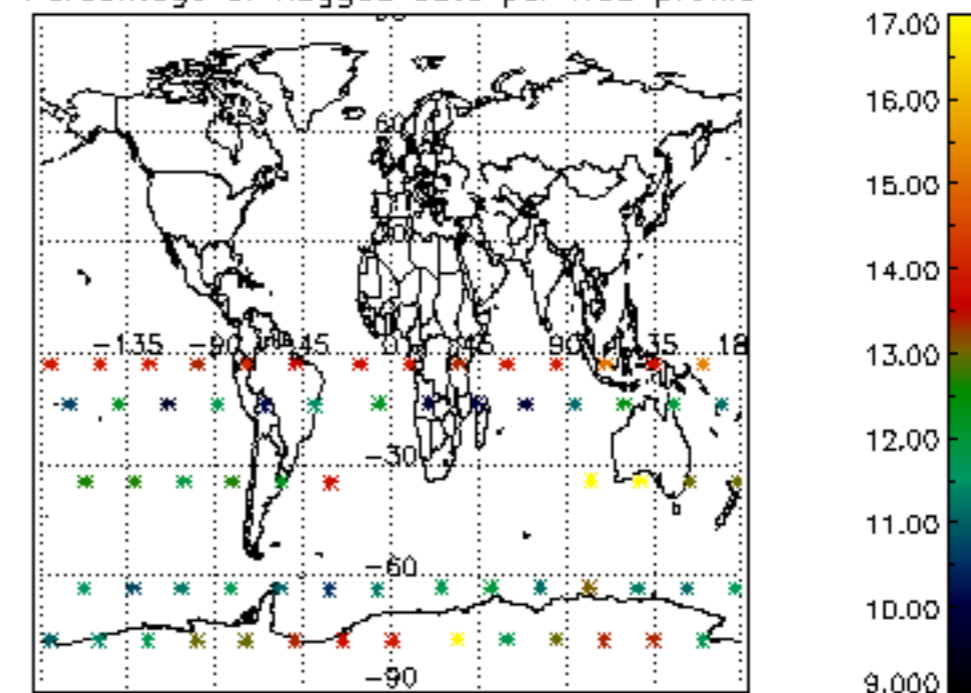
Percentage of flagged data per H2O profile



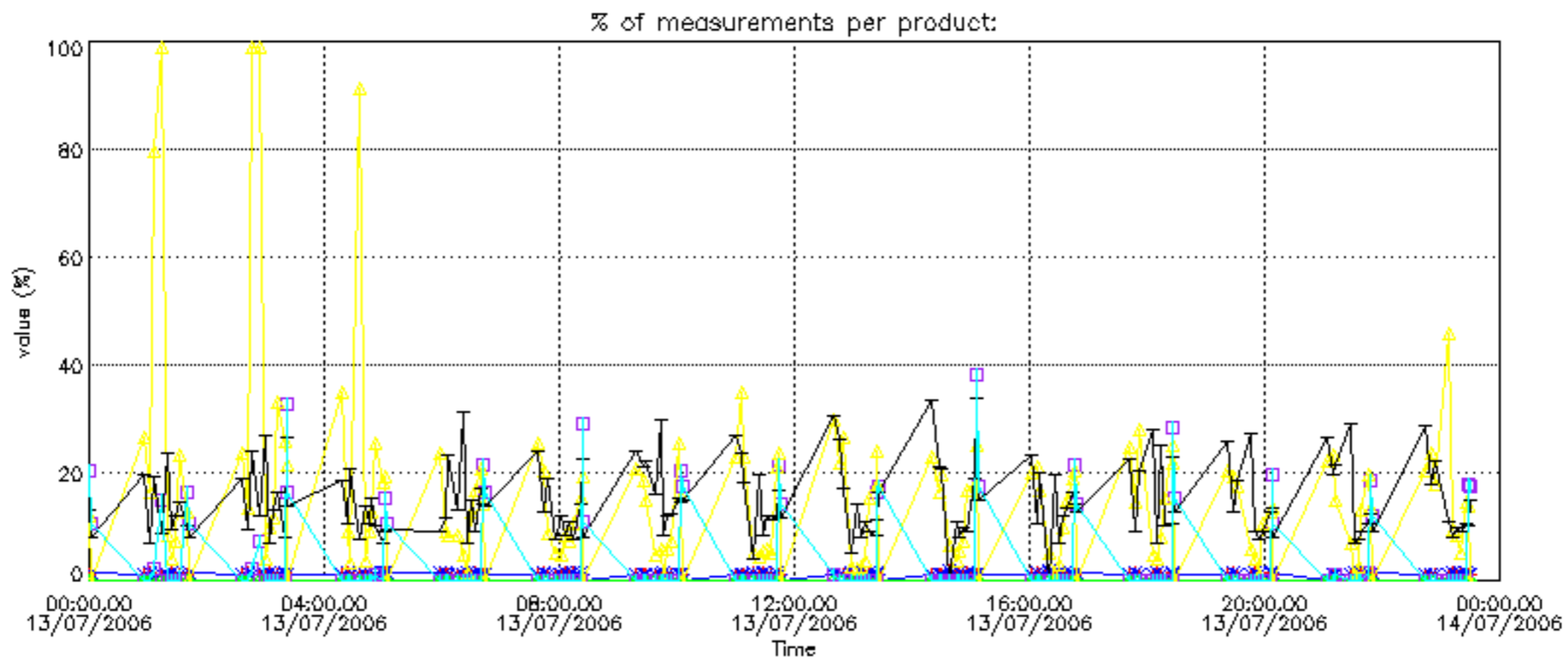
Percentage of flagged data per NO2 profile

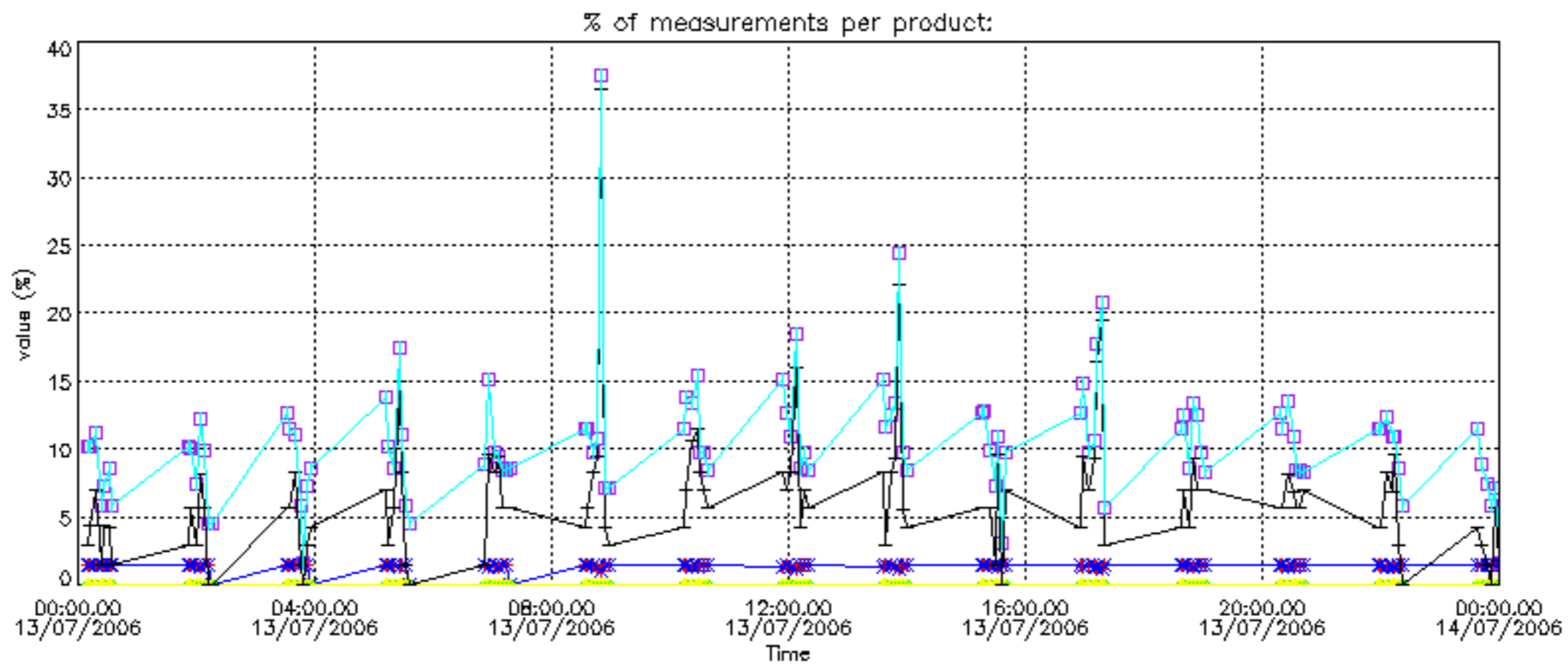


Percentage of flagged data per NO3 profile

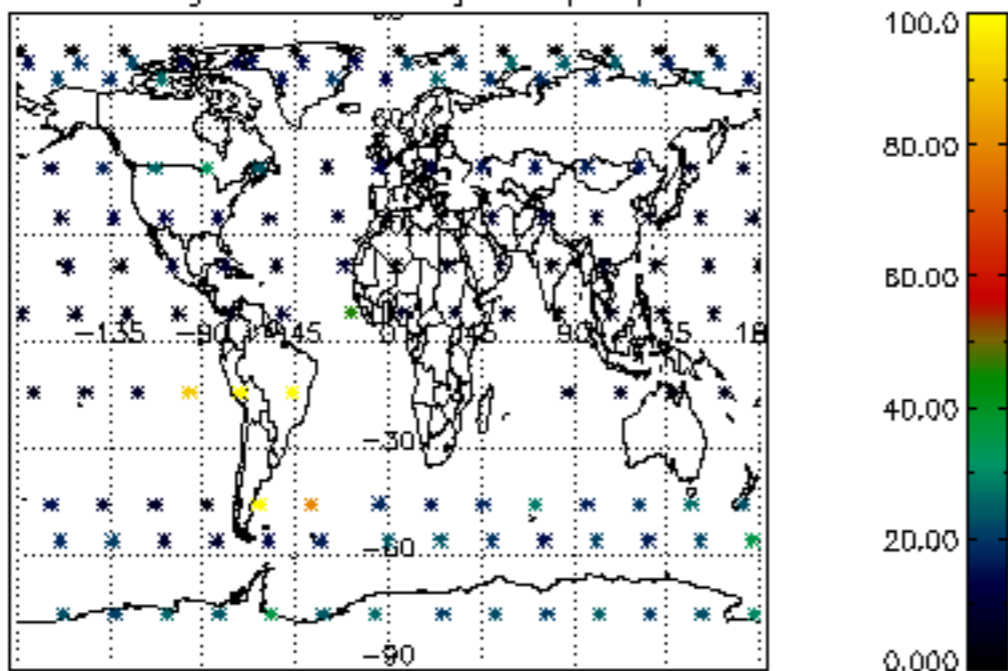




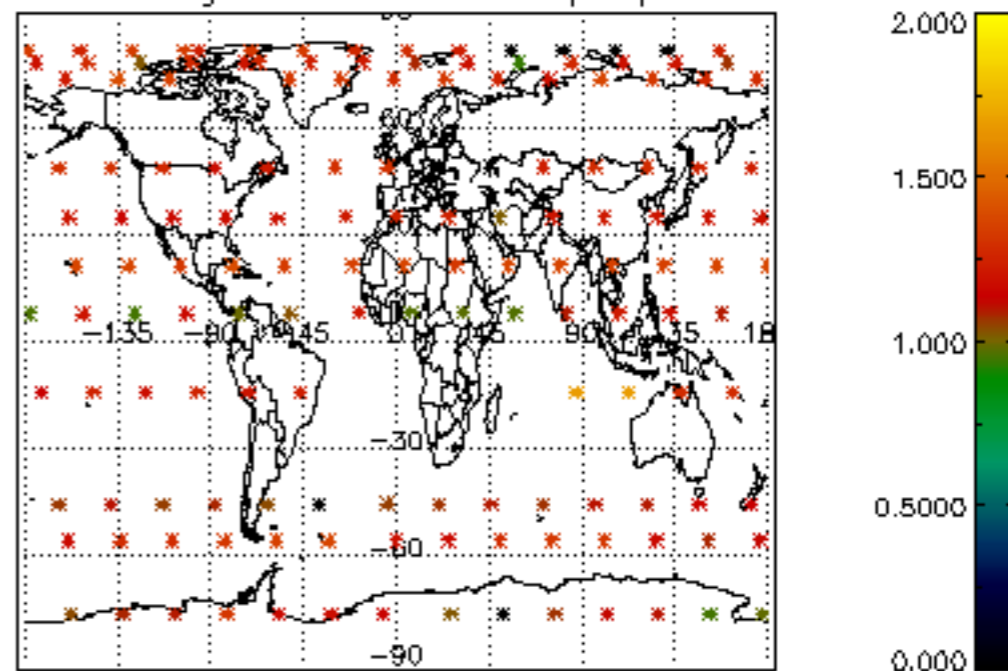




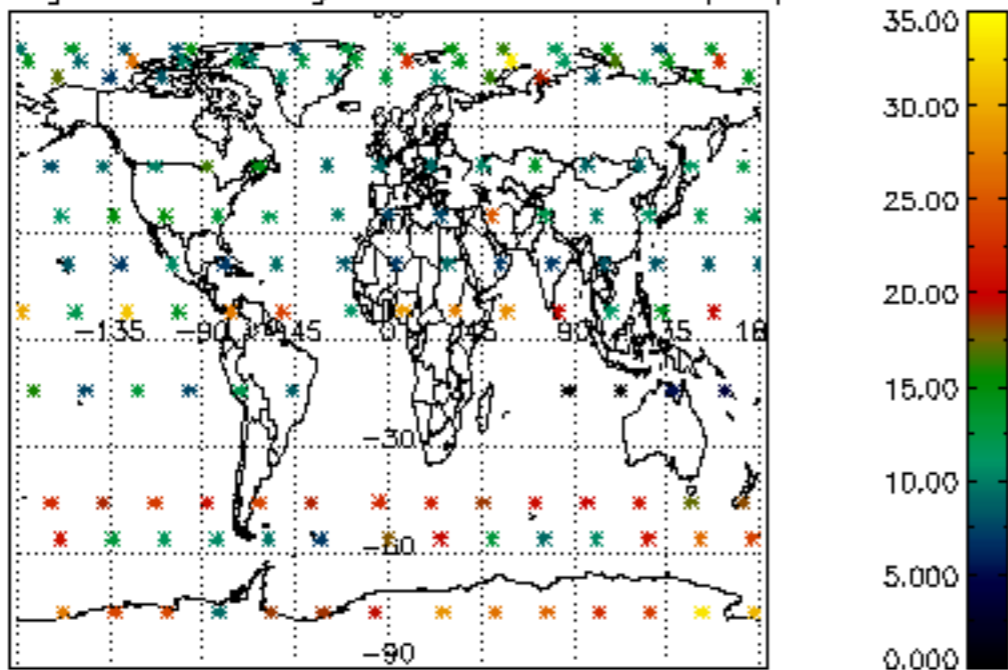
Percentage of cosmic ray hits per profile



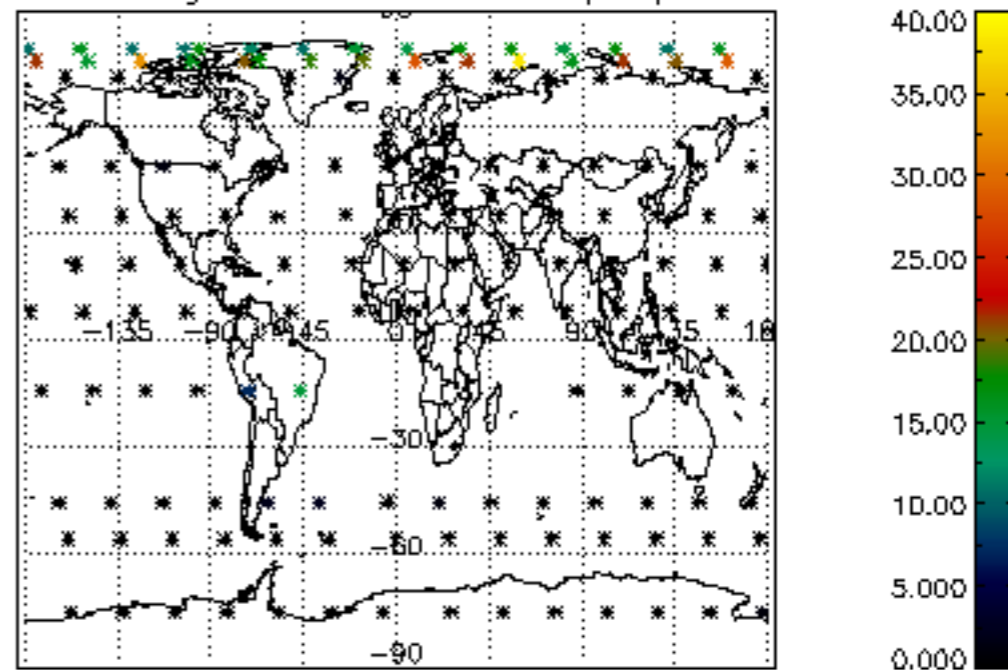
Percentage of datation errors per profile



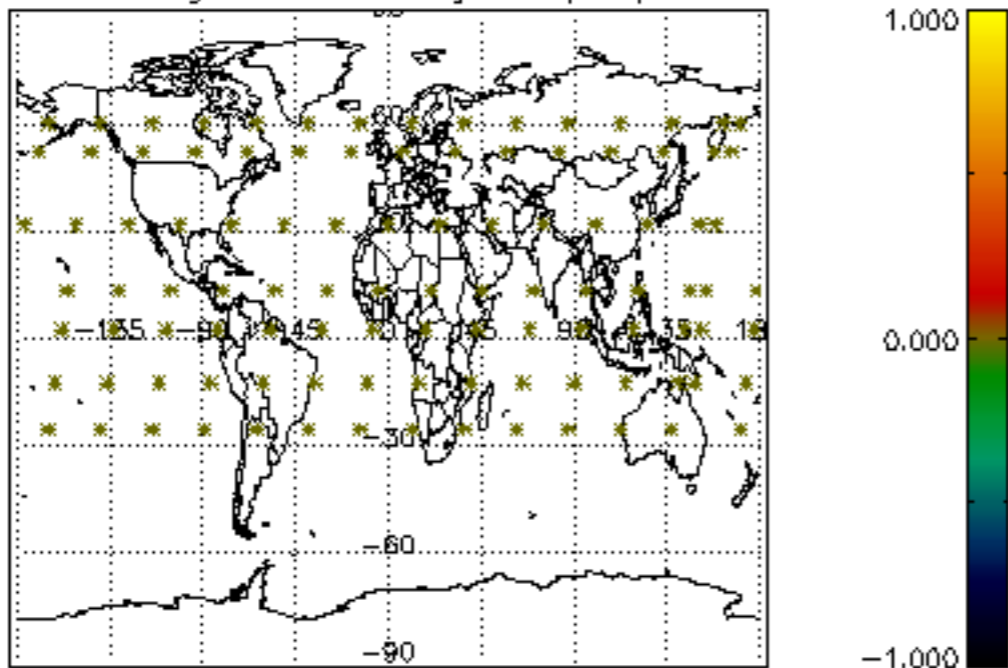
Percentage of star falling outside central band per profile



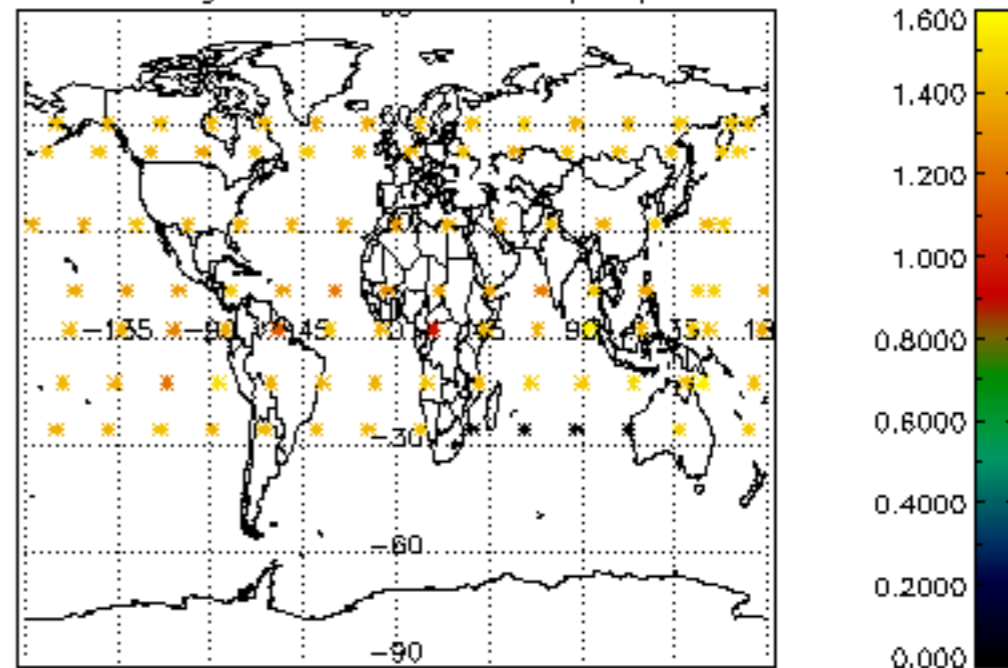
Percentage of saturation errors per profile



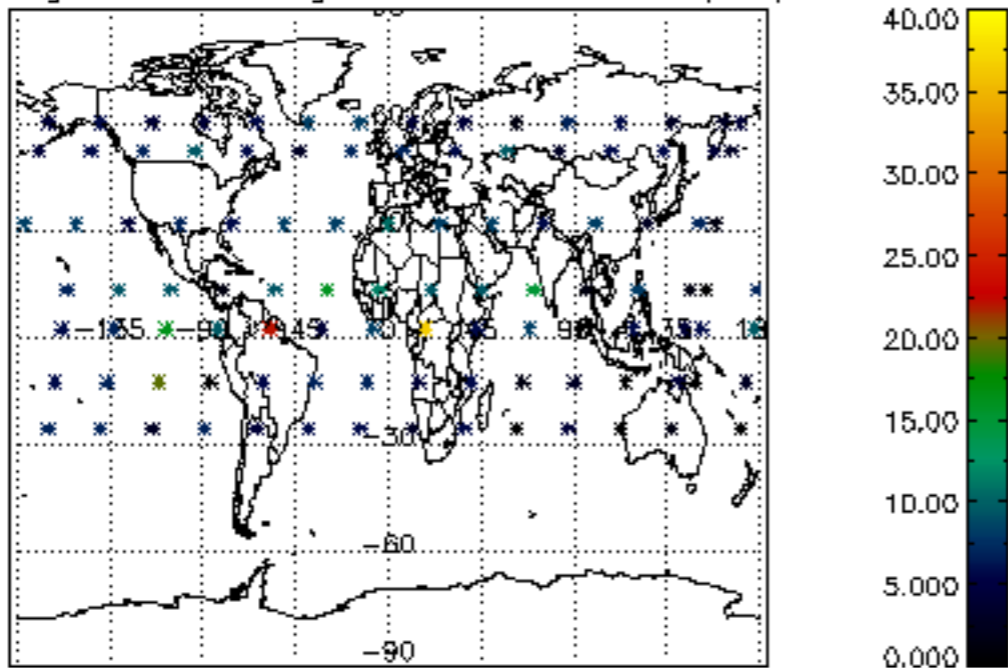
Percentage of cosmic ray hits per profile



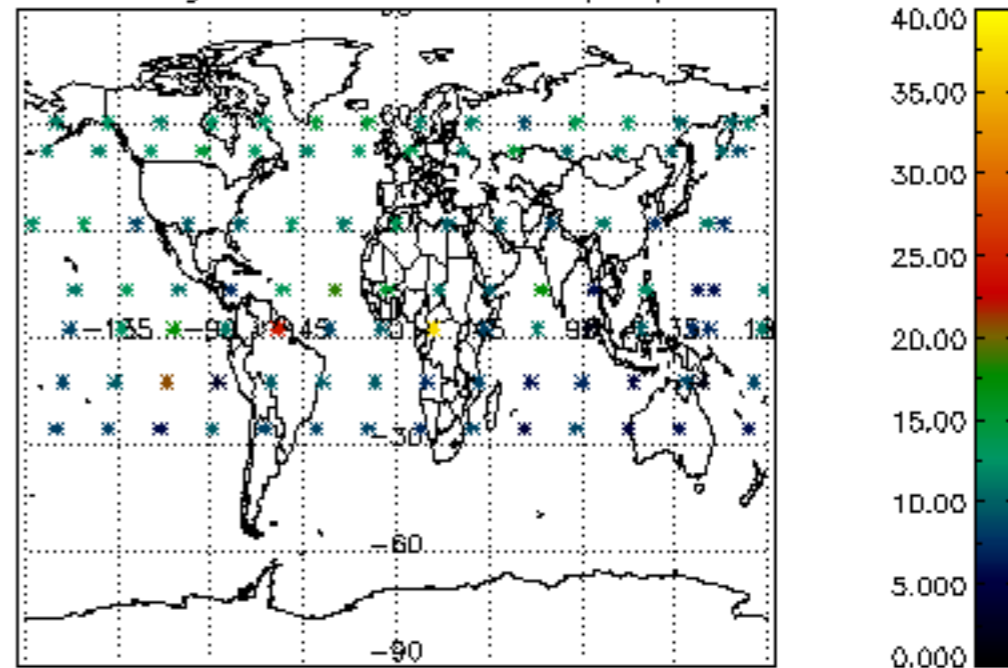
Percentage of datation errors per profile



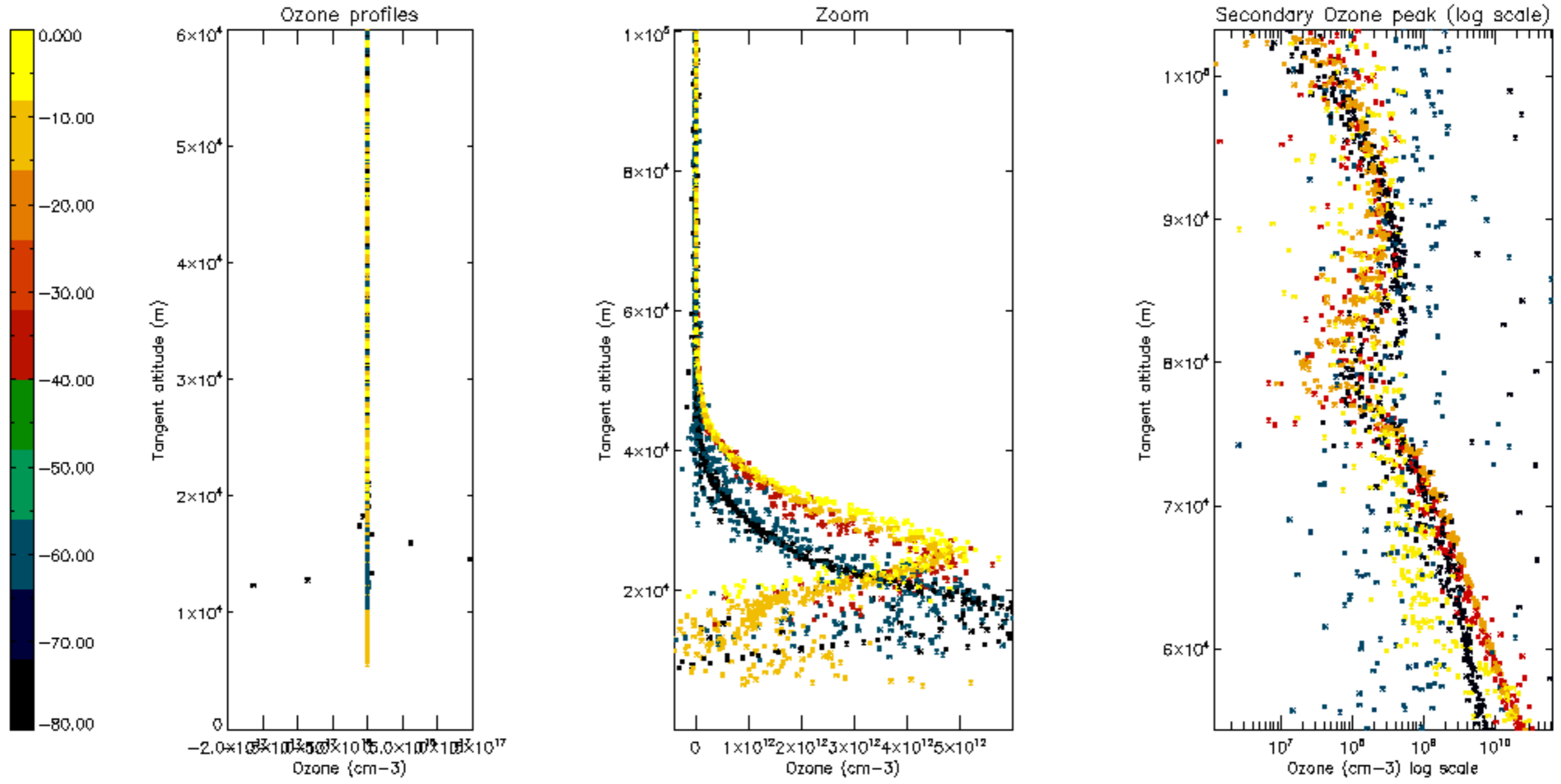
Percentage of star falling outside central band per profile

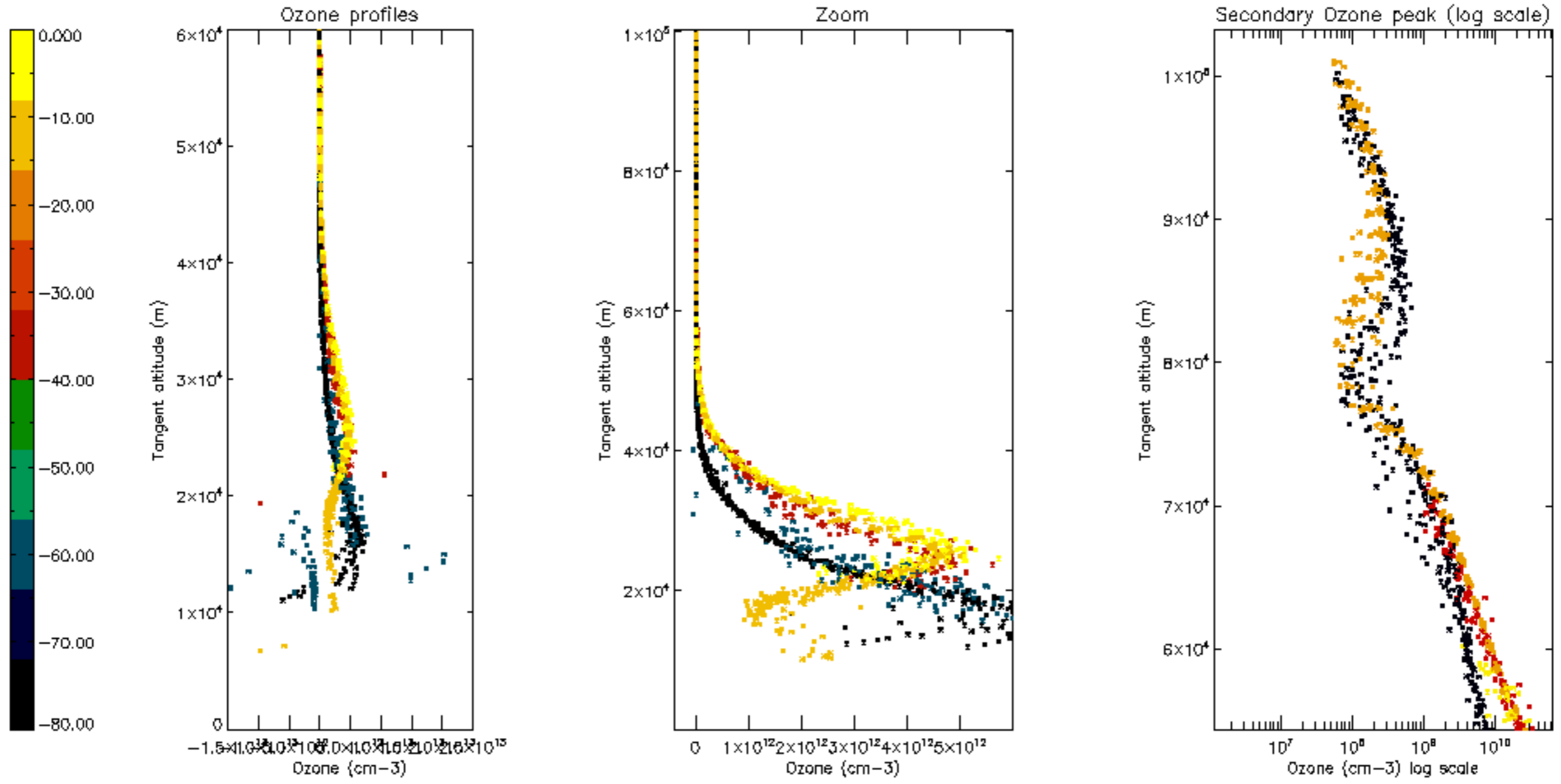


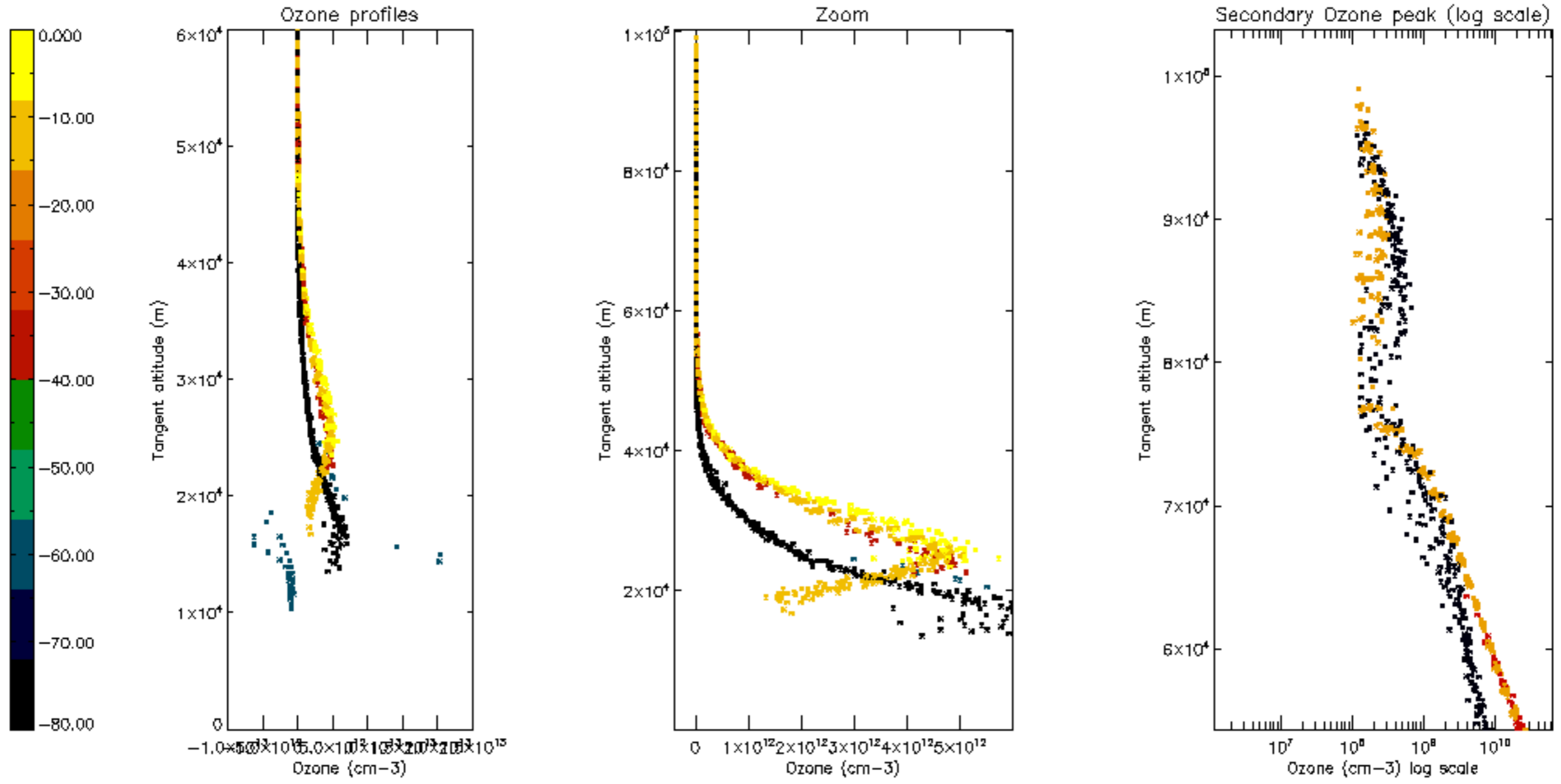
Percentage of saturation errors per profile

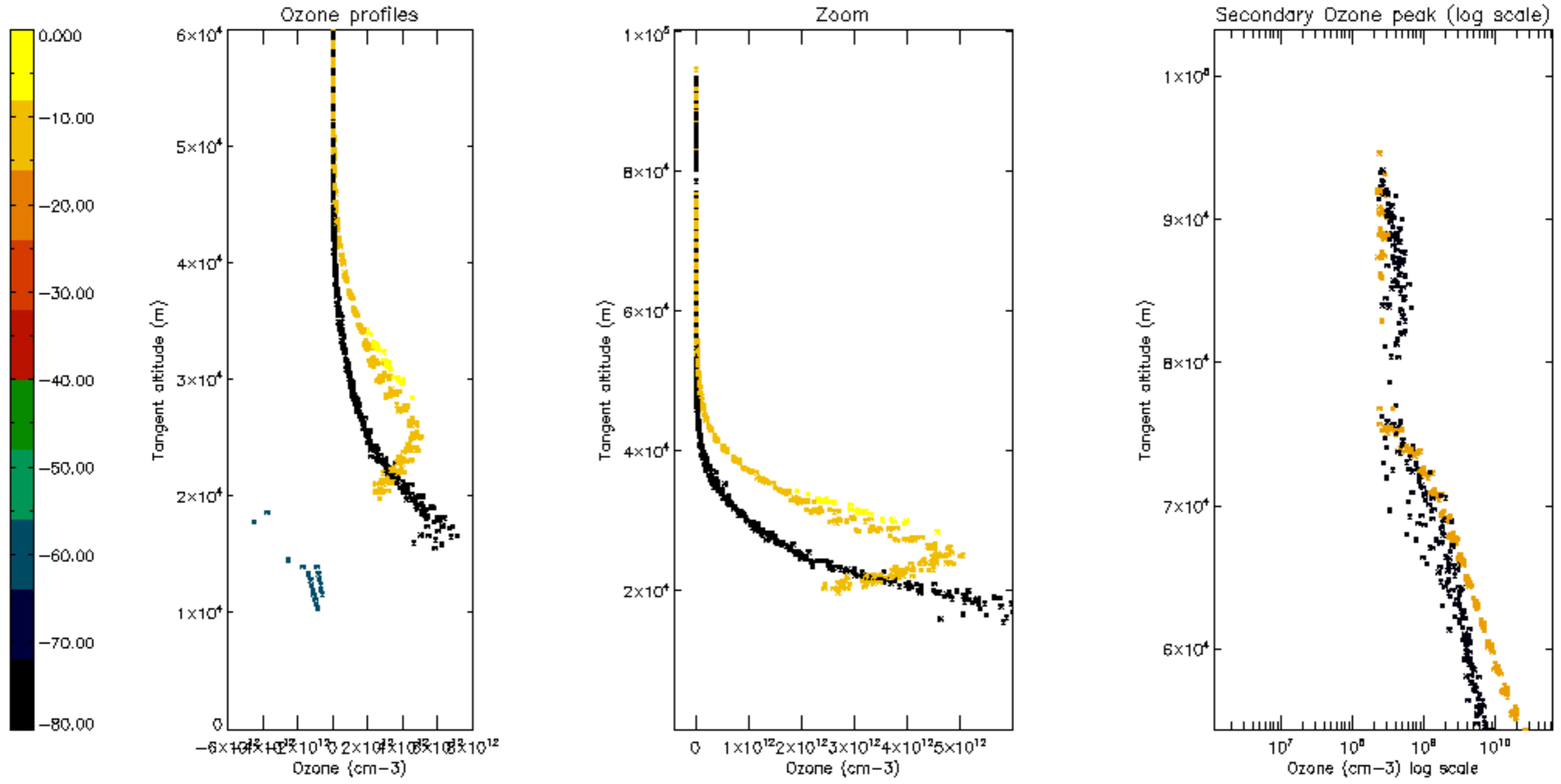




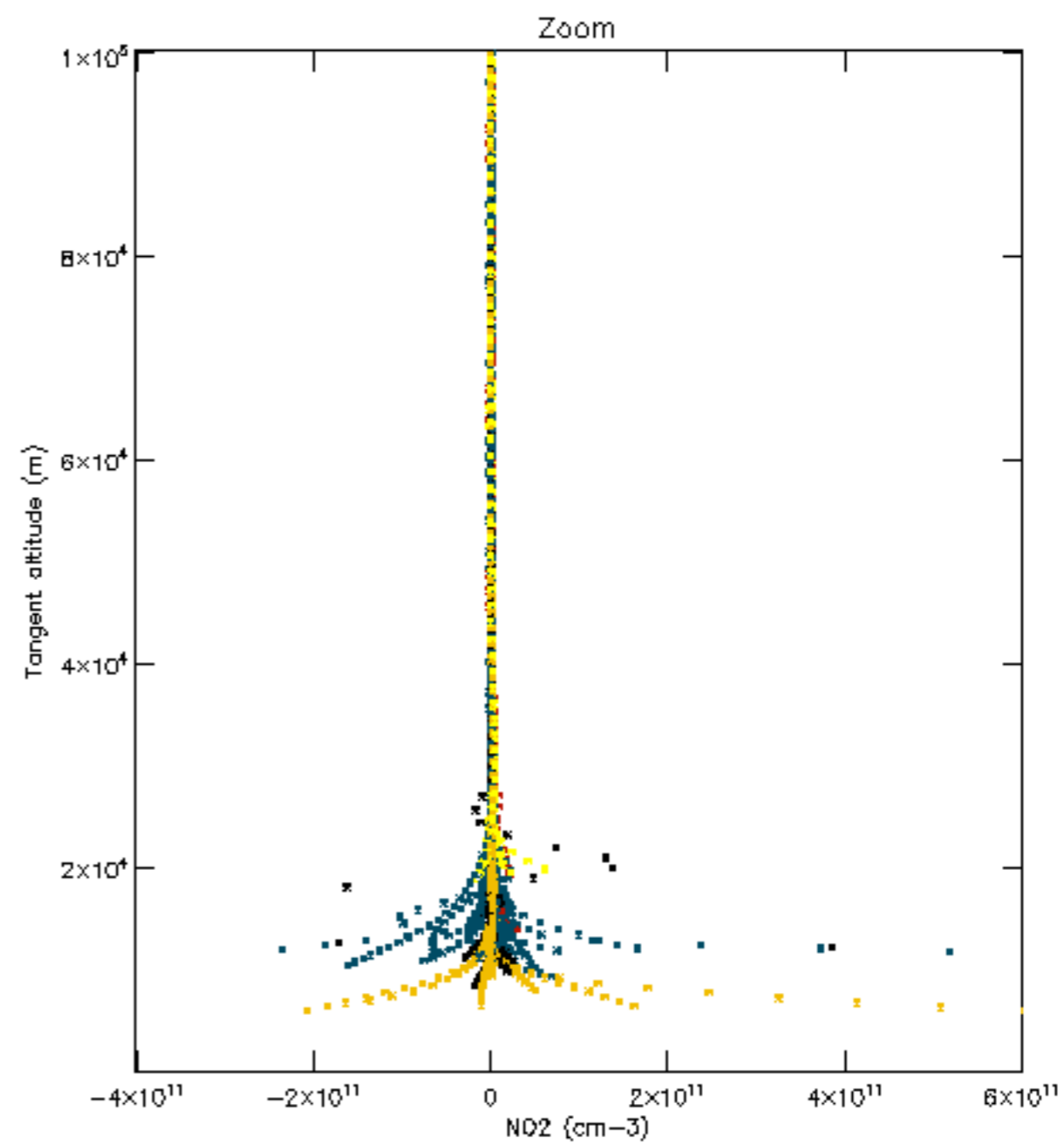
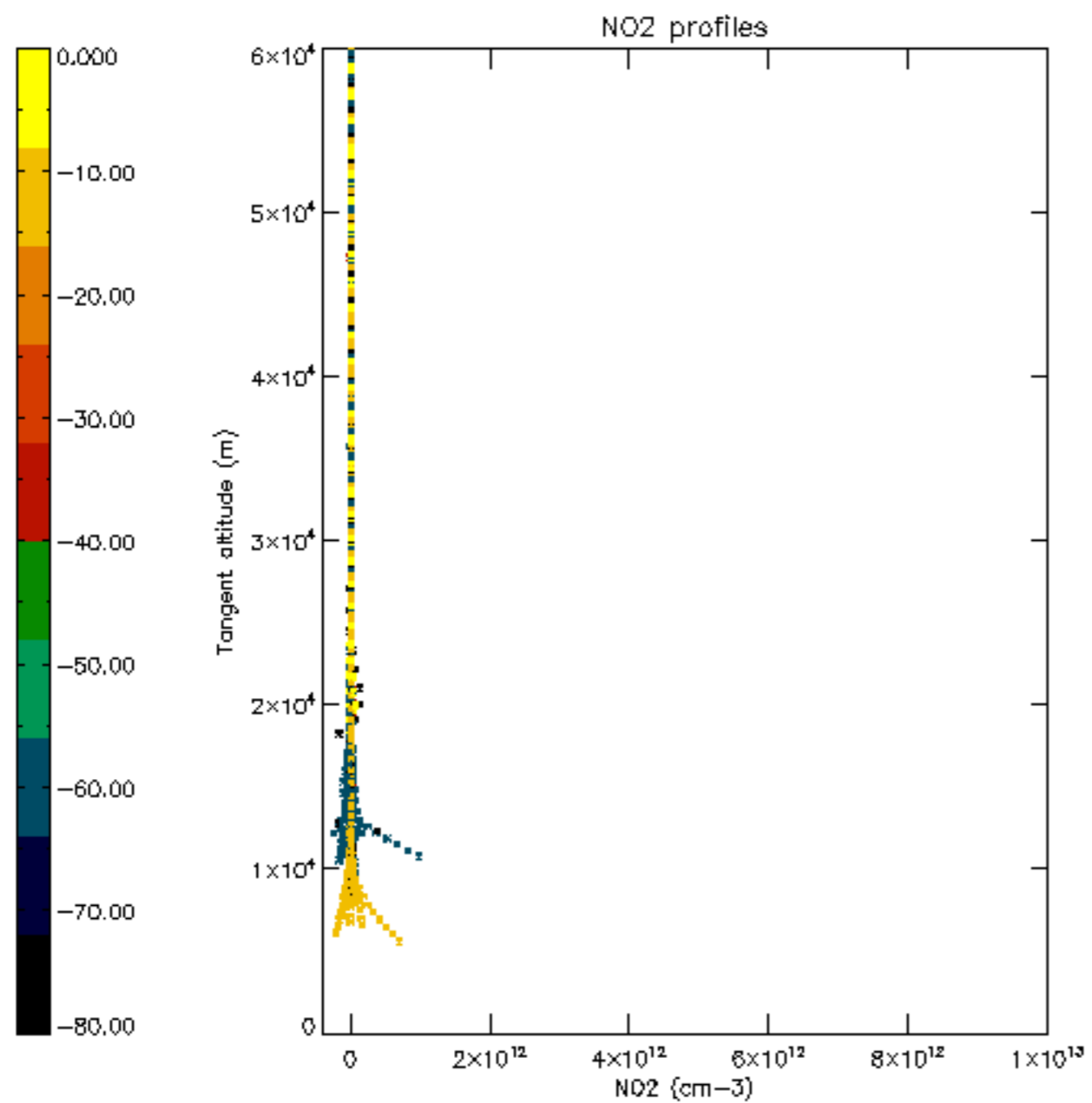


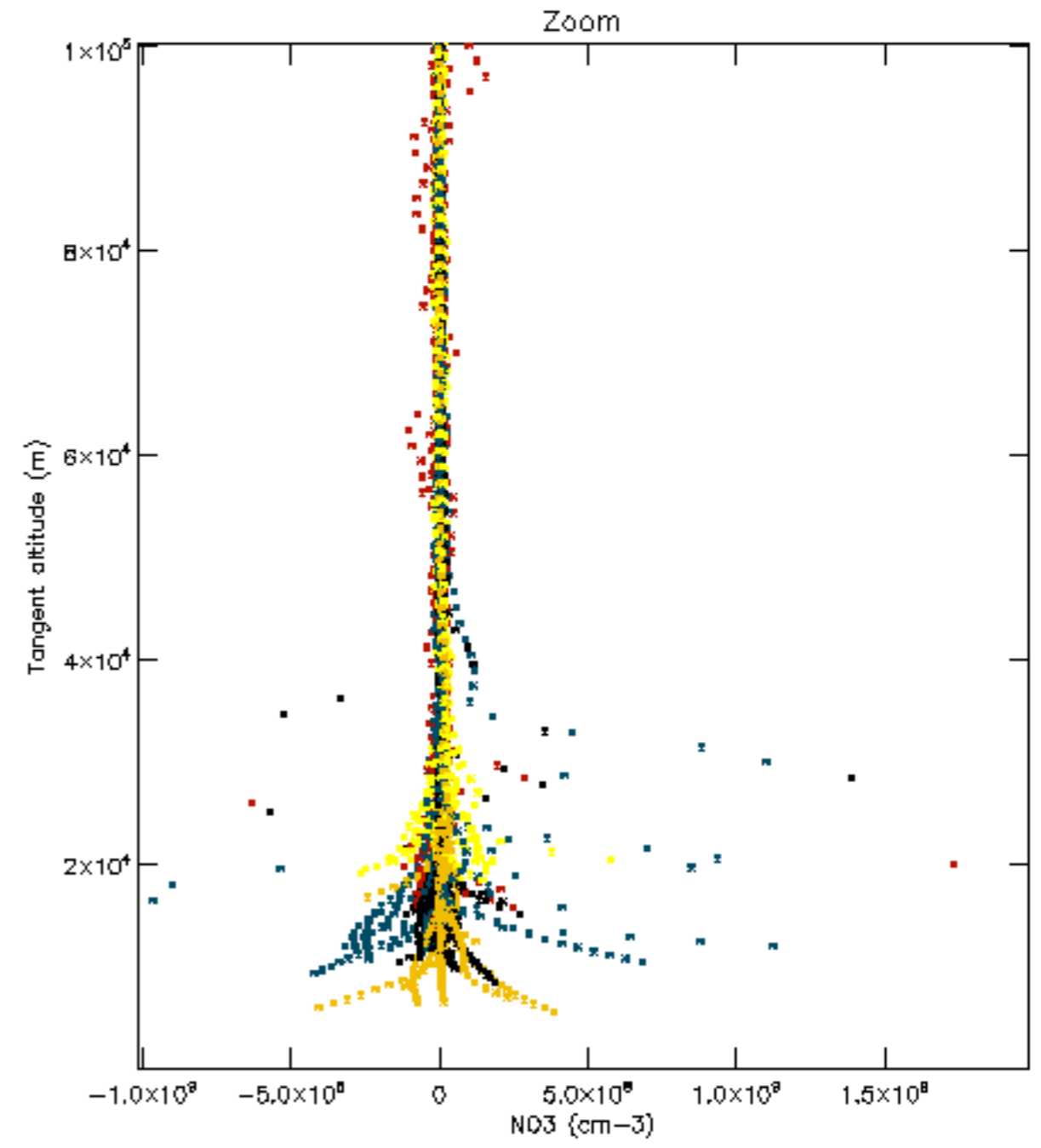
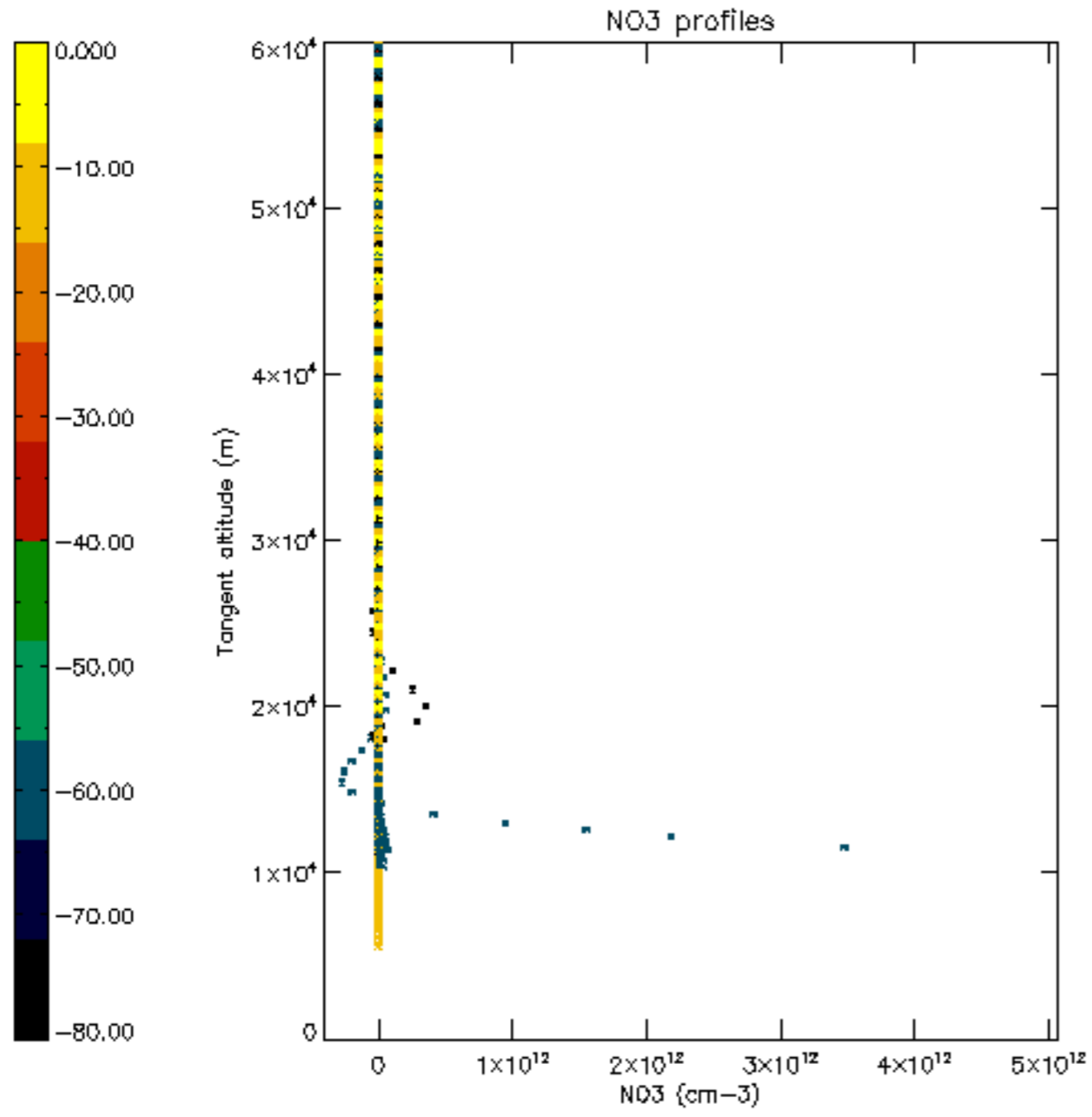


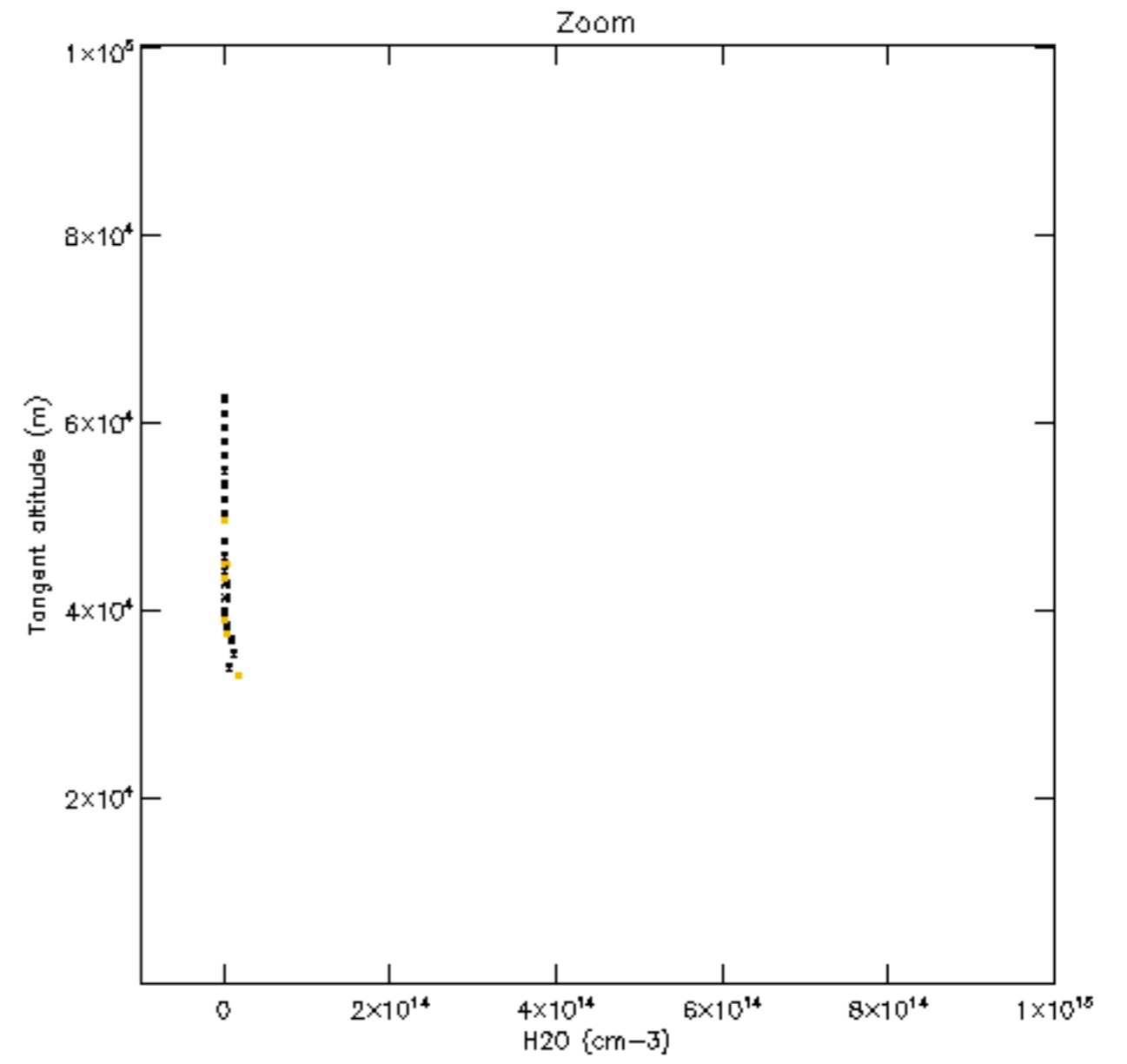
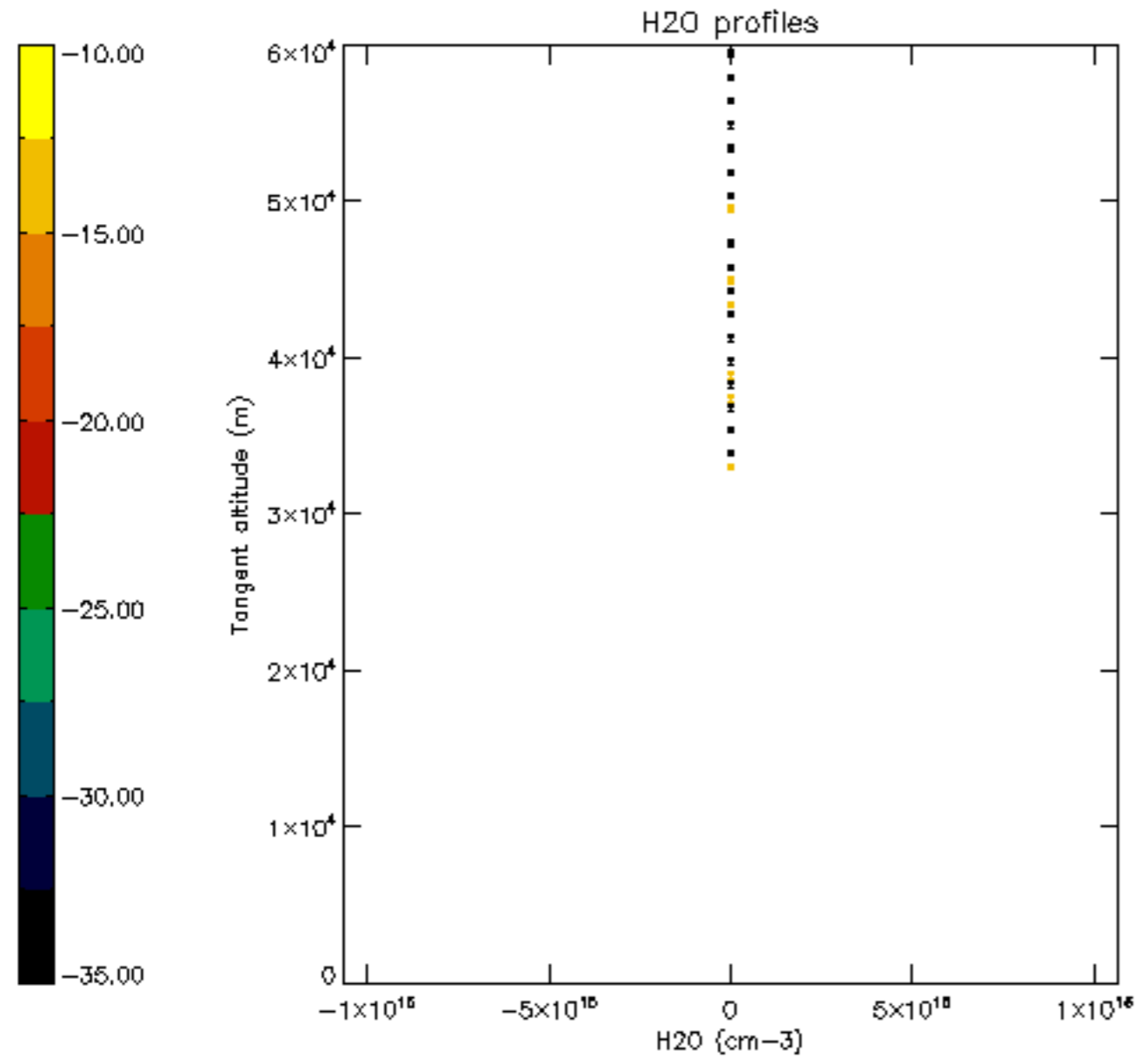


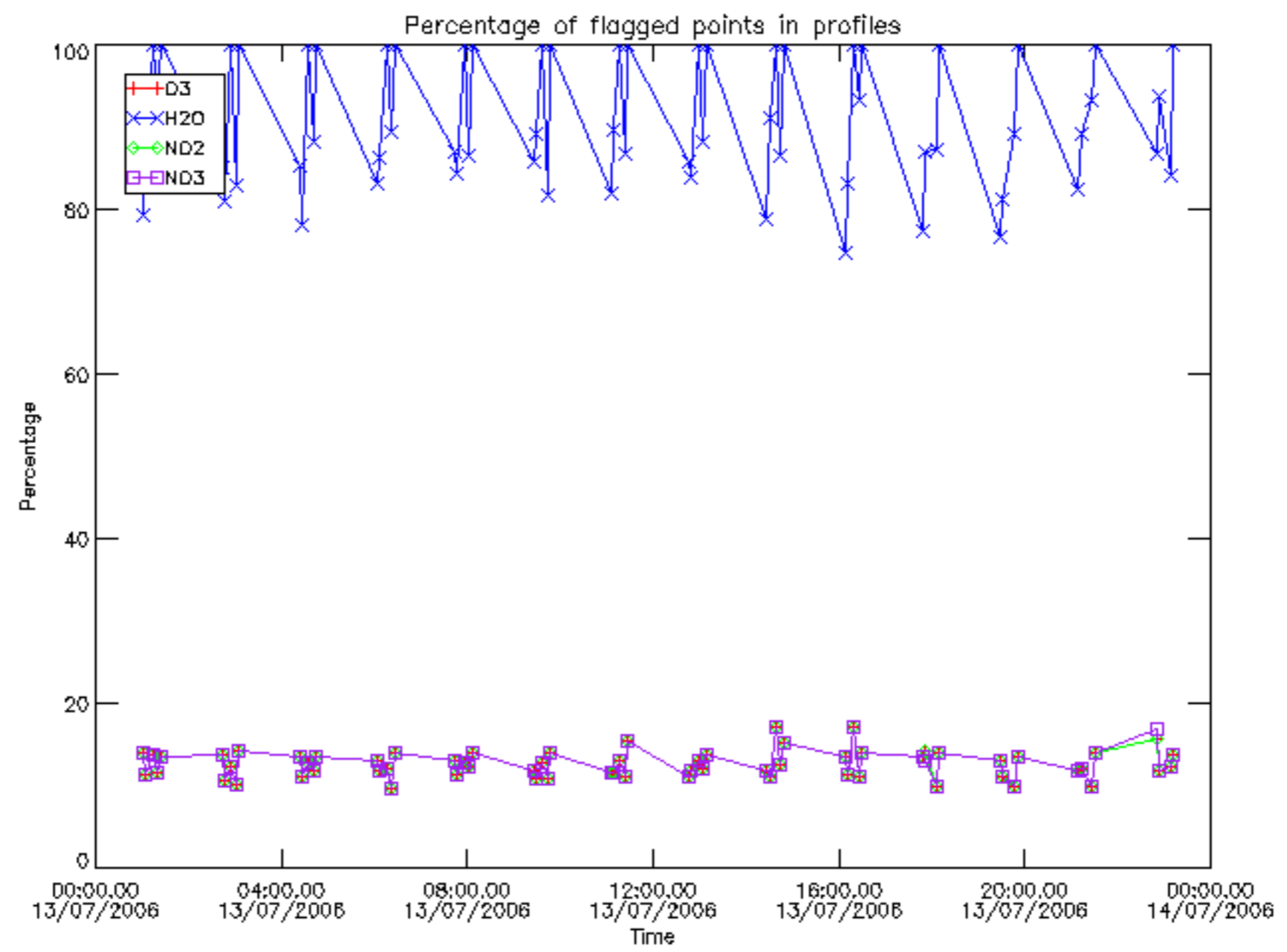






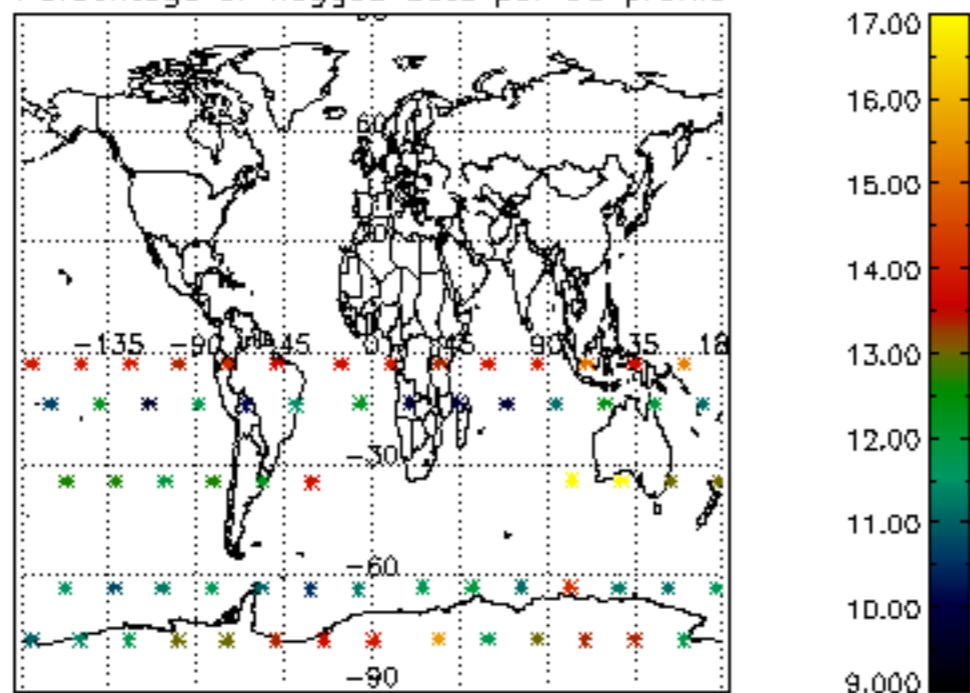




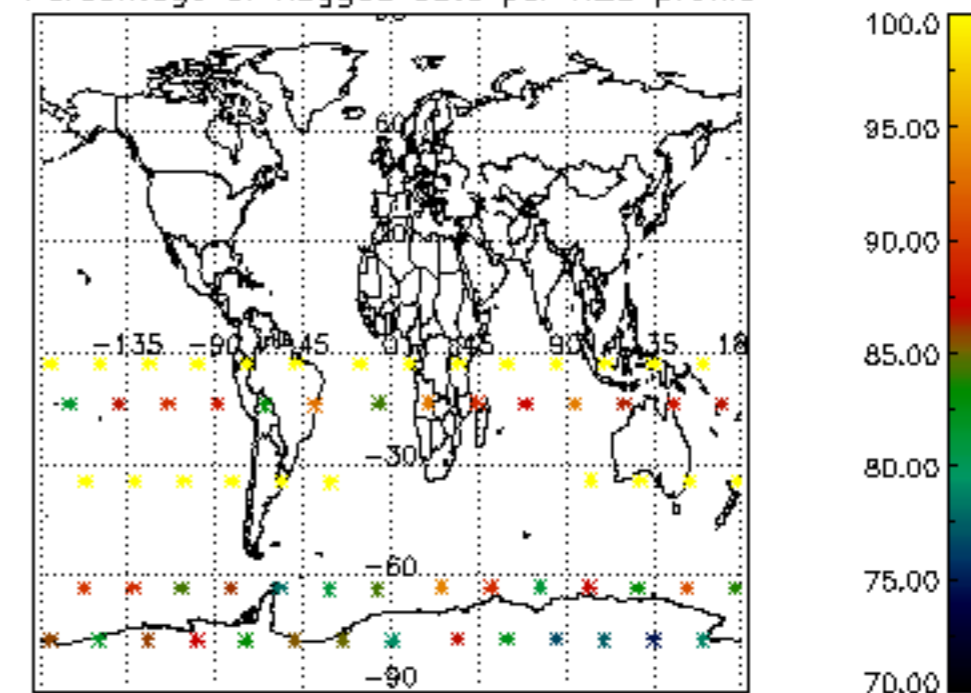




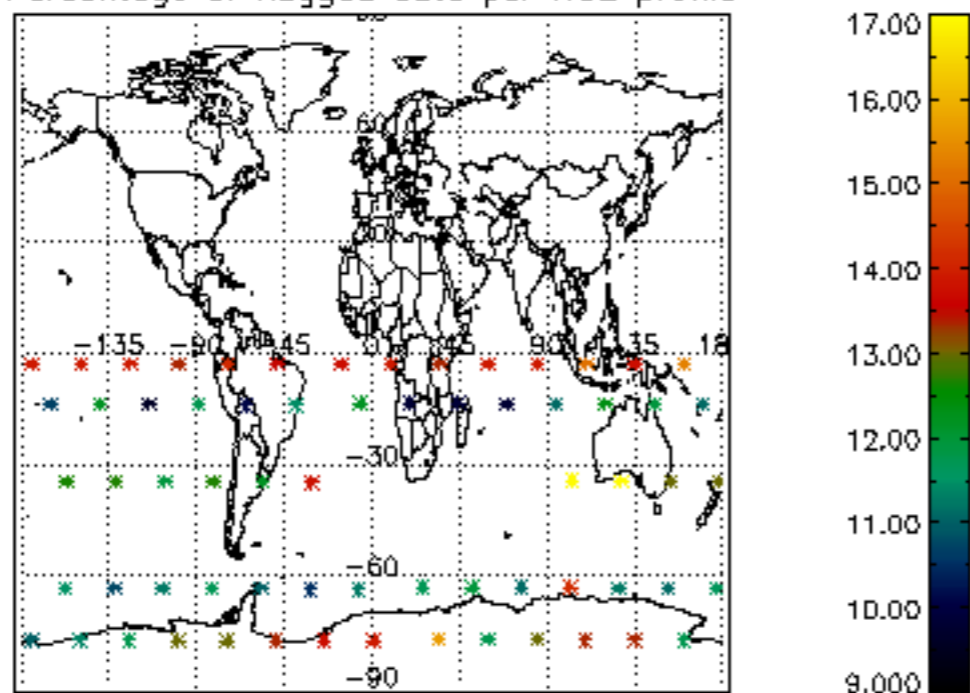
Percentage of flagged data per D3 profile



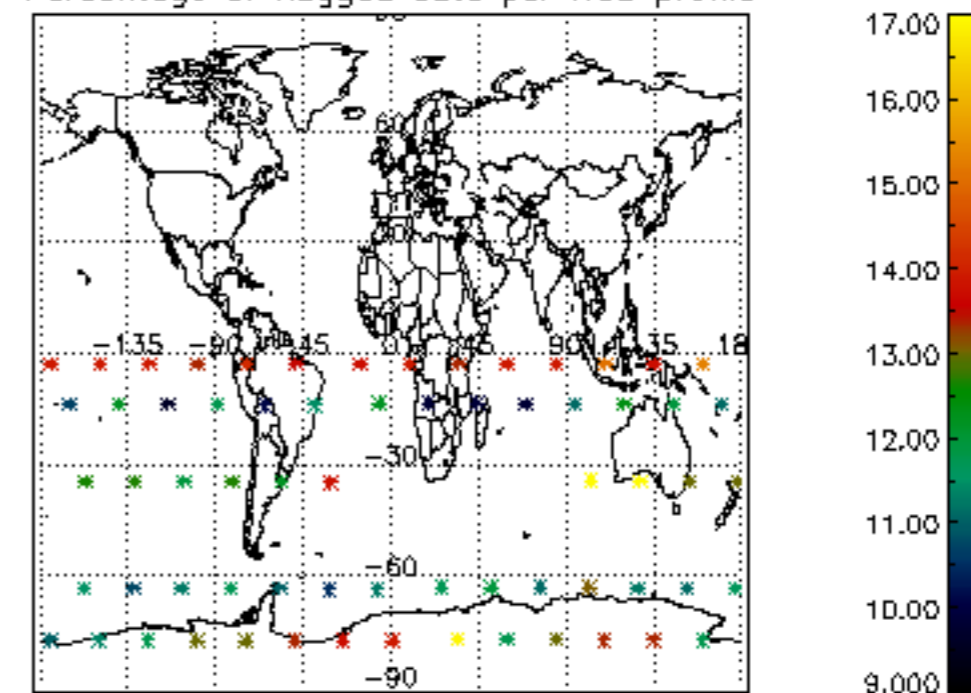
Percentage of flagged data per H2O profile

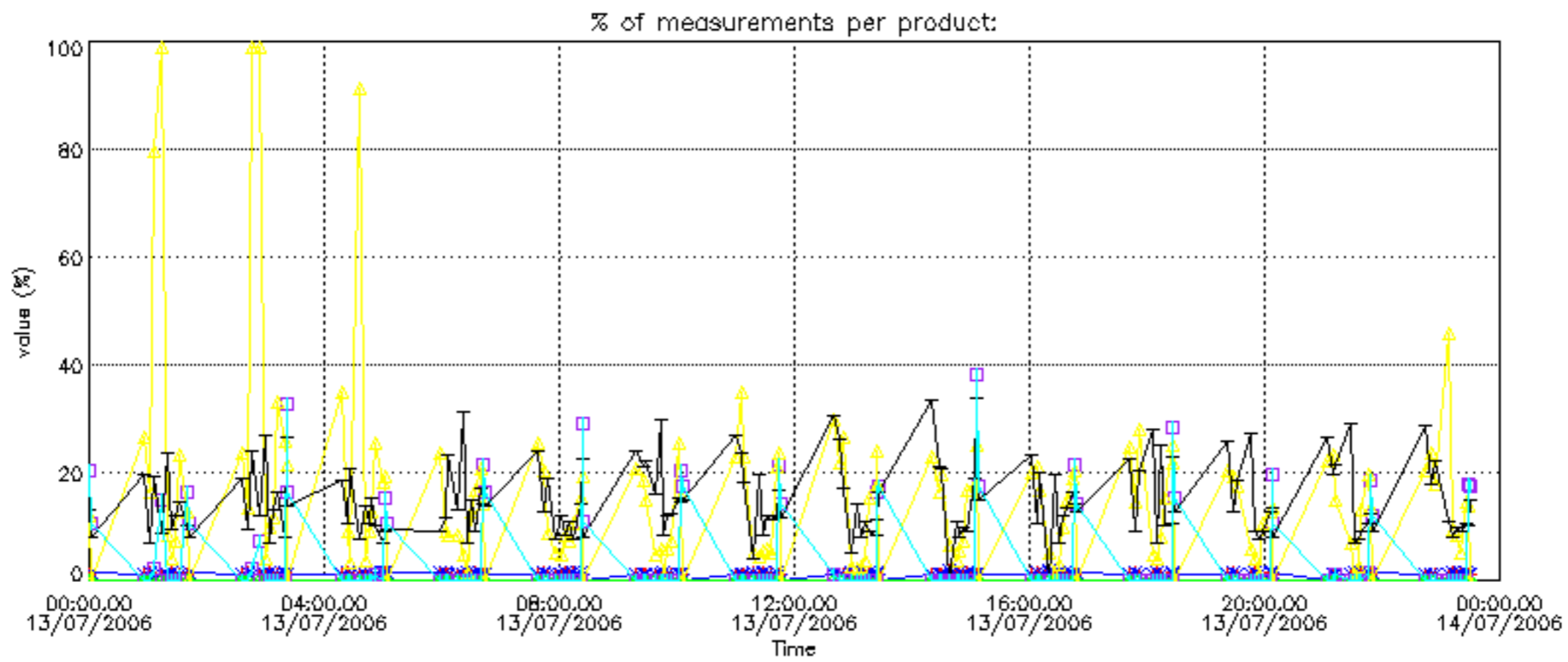


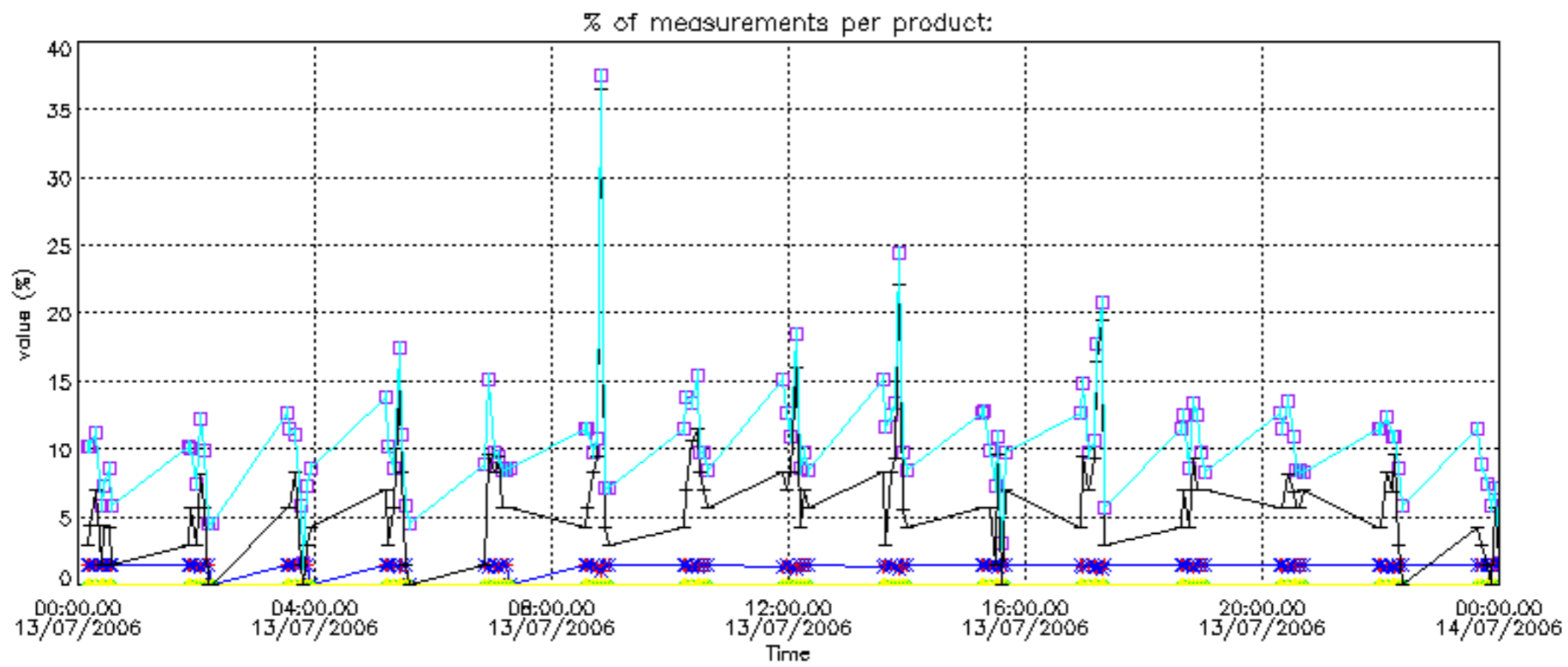
Percentage of flagged data per NO2 profile



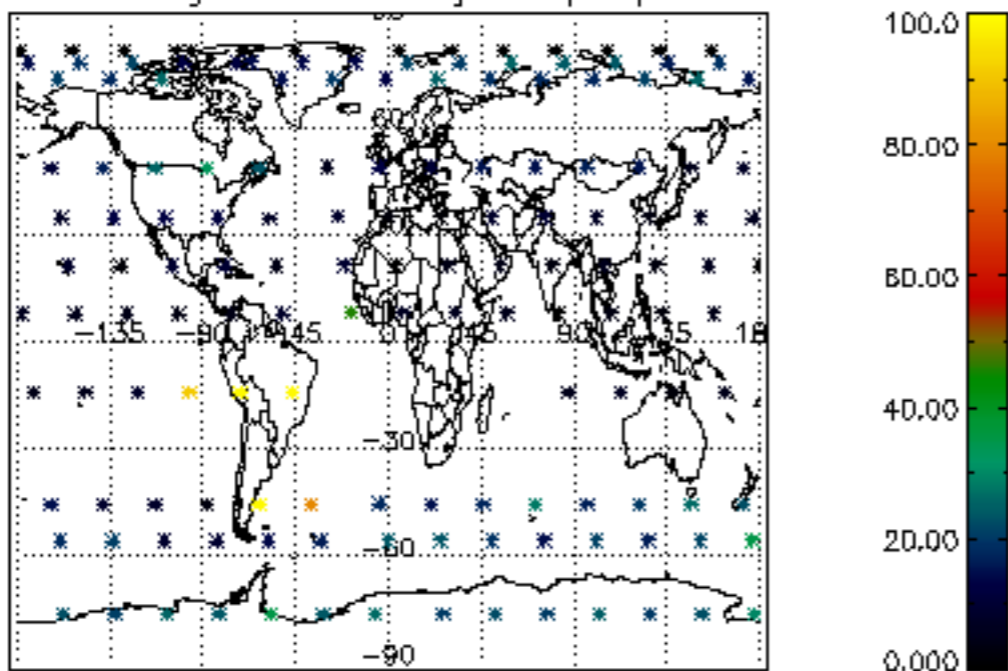
Percentage of flagged data per NO3 profile



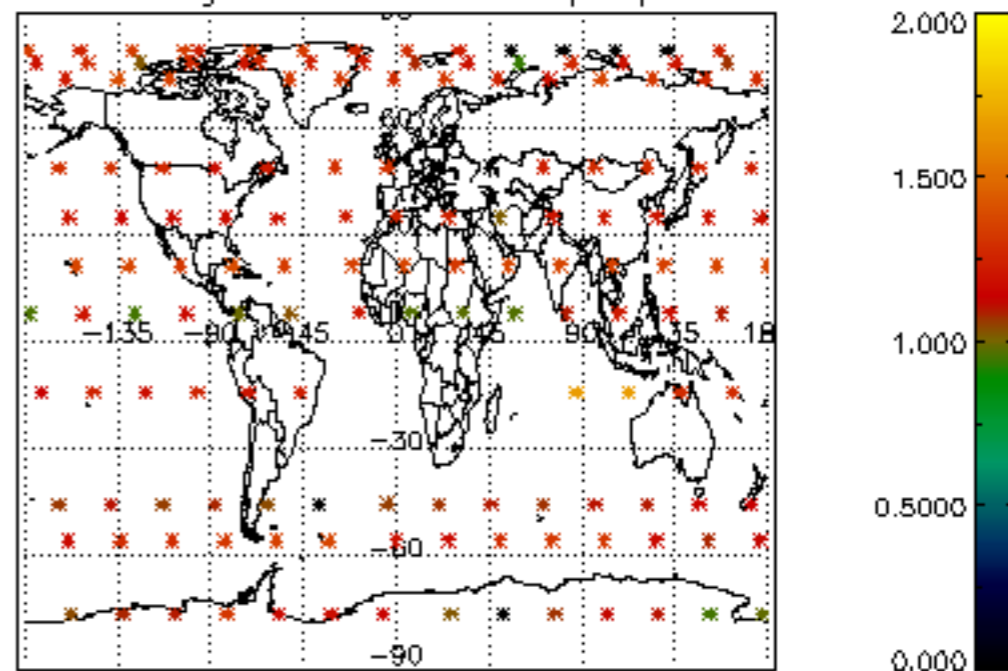




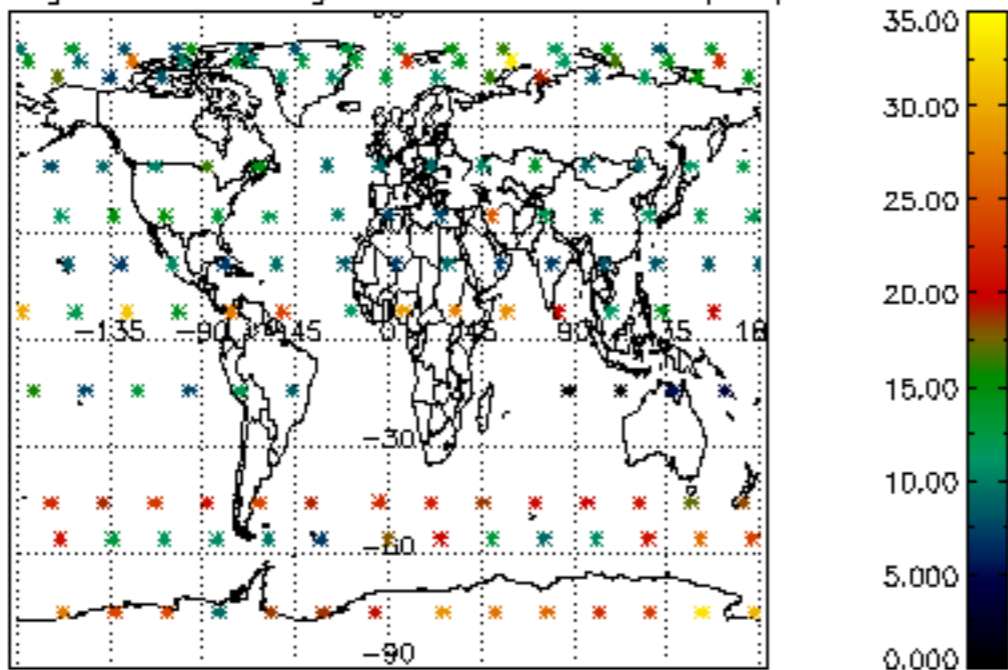
Percentage of cosmic ray hits per profile



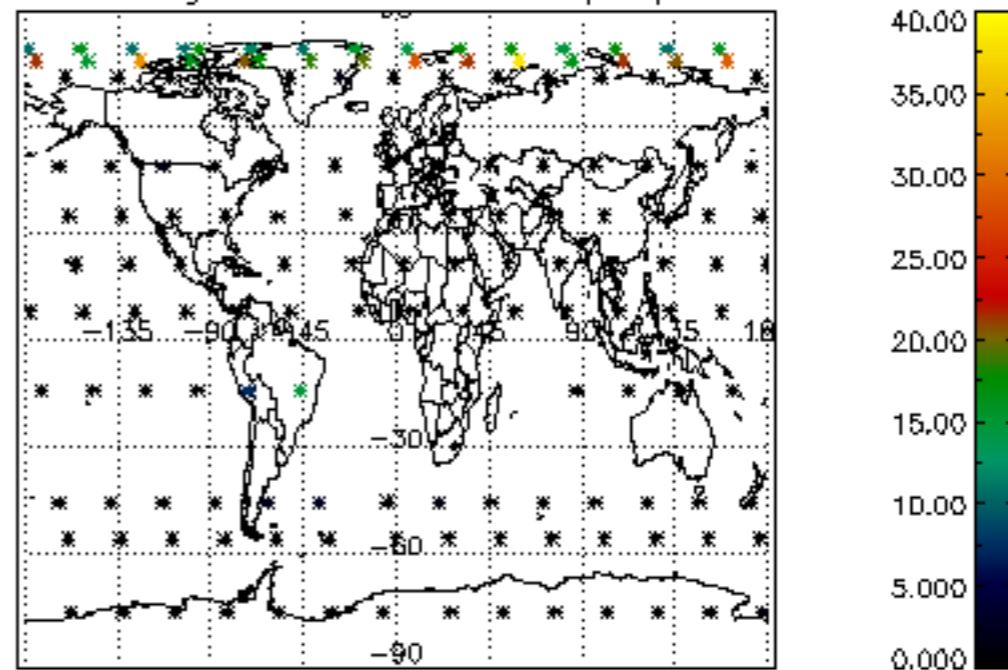
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

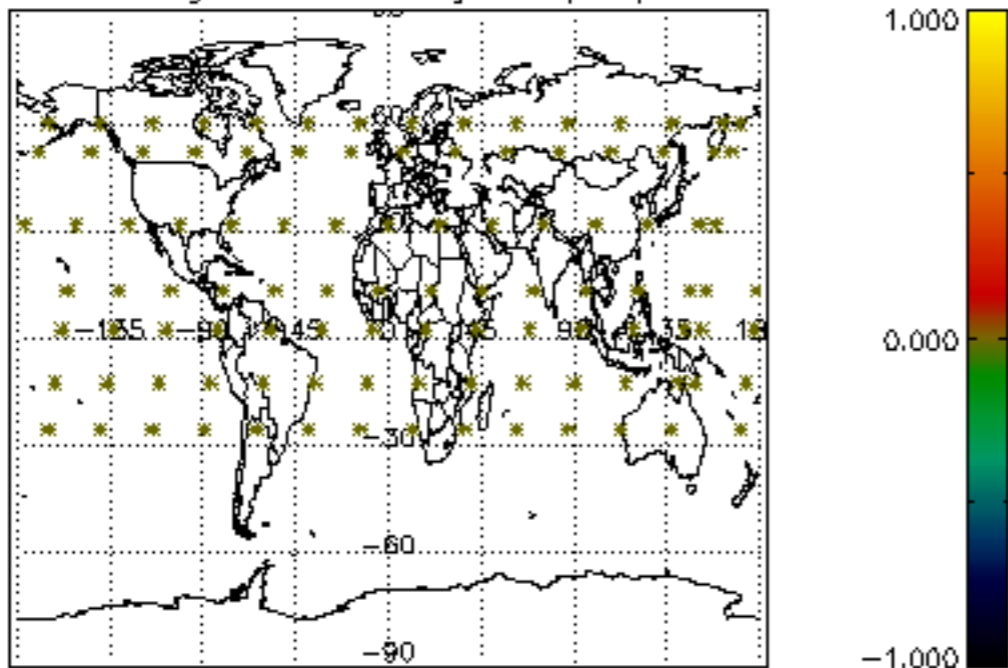


Percentage of saturation errors per profile

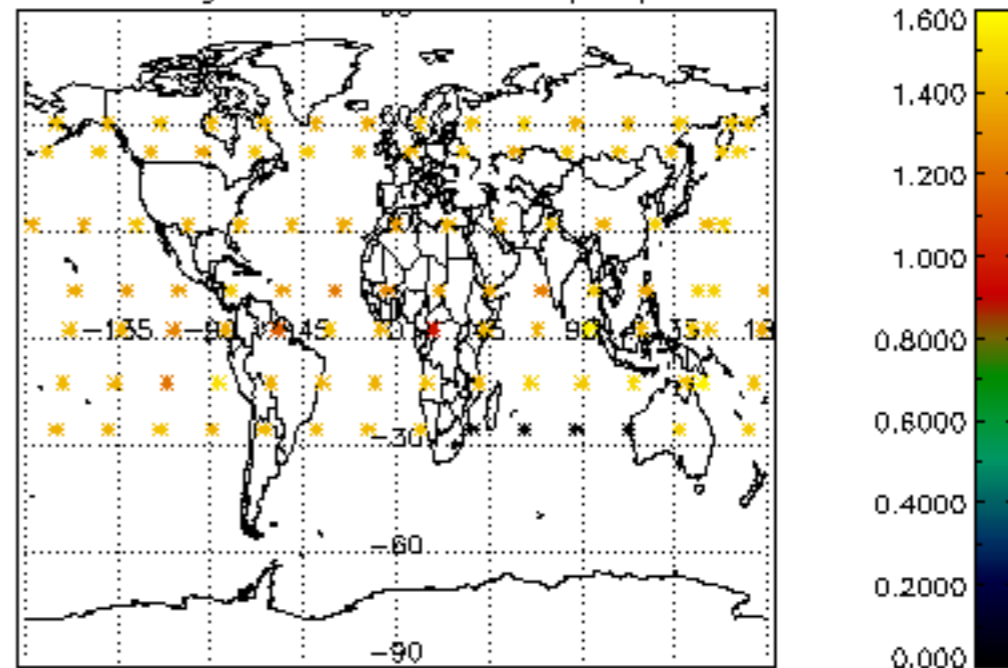




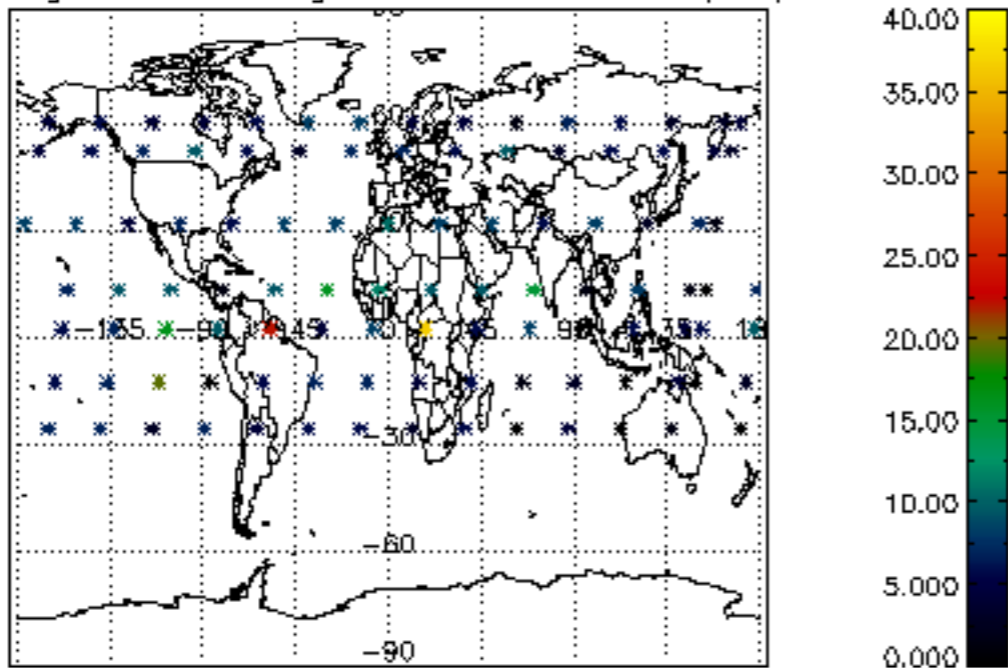
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

