

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 01:37:19
Data source version	GOMOS/6.01
Start time of products	12-07-2006 (12JUL2006 00:00:00)
Stop time of products	13-07-2006 (13JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	275
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060712_001101_000000522049_00217_22816_9945.N1	12-JUL-2006 00:11:01	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22816	No
2	GOM_NL__2PRFIN20060712_001454_000000372049_00217_22816_9946.N1	12-JUL-2006 00:14:54	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22816	No
3	GOM_NL__2PRFIN20060712_001835_000000362049_00217_22816_9947.N1	12-JUL-2006 00:18:35	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	22816	No
4	GOM_NL__2PRFIN20060712_002237_000000402049_00217_22816_9948.N1	12-JUL-2006 00:22:37	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22816	No
5	GOM_NL__2PRFIN20060712_002901_000000392049_00217_22816_9949.N1	12-JUL-2006 00:29:01	Twilight	38.500	40	The Sco	1.8590	7100.0	77	22816	No
6	GOM_NL__2PRFIN20060712_003041_000000402049_00217_22816_9950.N1	12-JUL-2006 00:30:41	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	22816	No
7	GOM_NL__2PRFIN20060712_003320_000000402049_00217_22816_9951.N1	12-JUL-2006 00:33:20	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22816	No
8	GOM_NL__2PRFIN20060712_003650_000000372049_00217_22816_9952.N1	12-JUL-2006 00:36:50	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22816	No
9	GOM_NL__2PRFIN20060712_004210_000000362049_00217_22816_9953.N1	12-JUL-2006 00:42:10	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22816	No
10	GOM_NL__2PRFIN20060712_004427_000000362049_00217_22816_9954.N1	12-JUL-2006 00:44:27	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22816	No
11	GOM_NL__2PRFIN20060712_005013_000000362049_00217_22816_9955.N1	12-JUL-2006 00:50:13	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22816	No
12	GOM_NL__2PRFIN20060712_005529_000000352049_00217_22816_9956.N1	12-JUL-2006 00:55:29	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22816	No
13	GOM_NL__2PRFIN20060712_005828_000000342049_00217_22816_9957.N1	12-JUL-2006 00:58:28	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	22816	No
14	GOM_NL__2PRFIN20060712_010239_000000362049_00217_22816_9958.N1	12-JUL-2006 01:02:39	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22816	No
15	GOM_NL__2PRFIN20060712_010625_000000352049_00217_22816_9959.N1	12-JUL-2006 01:06:25	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22816	No
16	GOM_NL__2PRFIN20060712_013349_000000372049_00217_22816_9960.N1	12-JUL-2006 01:33:49	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22816	No
17	GOM_NL__2PRFIN20060712_013637_000000382049_00217_22816_9961.N1	12-JUL-2006 01:36:37	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	22816	No
18	GOM_NL__2PRFIN20060712_014527_000000412049_00217_22816_9962.N1	12-JUL-2006 01:45:27	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22816	No
19	GOM_NL__2PRFIN20060712_015138_000000392049_00218_22817_9886.N1	12-JUL-2006 01:51:38	Dark	39.000	9	Alp Eri	0.45300	24000.	78	22817	No
20	GOM_NL__2PRFIN20060712_015530_000000382049_00218_22817_9887.N1	12-JUL-2006 01:55:30	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22817	No
21	GOM_NL__2PRFIN20060712_015912_000000362049_00218_22817_9888.N1	12-JUL-2006 01:59:12	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	22817	No
22	GOM_NL__2PRFIN20060712_020313_000000432049_00218_22817_9889.N1	12-JUL-2006 02:03:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22817	No
23	GOM_NL__2PRFIN20060712_020937_000000422049_00218_22817_9890.N1	12-JUL-2006 02:09:37	Twilight	41.500	40	The Sco	1.8590	7100.0	83	22817	No
24	GOM_NL__2PRFIN20060712_021117_000000402049_00218_22817_9891.N1	12-JUL-2006 02:11:17	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	22817	No
25	GOM_NL__2PRFIN20060712_021356_000000402049_00218_22817_9892.N1	12-JUL-2006 02:13:56	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22817	No
26	GOM_NL__2PRFIN20060712_021727_000000372049_00218_22817_9893.N1	12-JUL-2006 02:17:27	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22817	No
27	GOM_NL__2PRFIN20060712_022246_000000362049_00218_22817_9894.N1	12-JUL-2006 02:22:46	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22817	No
28	GOM_NL__2PRFIN20060712_022503_000000342049_00218_22817_9895.N1	12-JUL-2006 02:25:03	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22817	No
29	GOM_NL__2PRFIN20060712_023049_000000342049_00218_22817_9896.N1	12-JUL-2006 02:30:49	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22817	No
30	GOM_NL__2PRFIN20060712_023605_000000382049_00218_22817_9897.N1	12-JUL-2006 02:36:05	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22817	No
31	GOM_NL__2PRFIN20060712_023904_000000362049_00218_22817_9898.N1	12-JUL-2006 02:39:04	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22817	No
32	GOM_NL__2PRFIN20060712_024315_000000362049_00218_22817_9899.N1	12-JUL-2006 02:43:15	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22817	No
33	GOM_NL__2PRFIN20060712_024701_000000332049_00218_22817_9900.N1	12-JUL-2006 02:47:01	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	22817	No
34	GOM_NL__2PRFIN20060712_031425_000000372049_00218_22817_9901.N1	12-JUL-2006 03:14:25	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22817	No
35	GOM_NL__2PRFIN20060712_031714_000000462049_00218_22817_9902.N1	12-JUL-2006 03:17:14	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22817	No
36	GOM_NL__2PRFIN20060712_032603_000000402049_00218_22817_9903.N1	12-JUL-2006 03:26:03	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22817	No
37	GOM_NL__2PRFIN20060712_033215_000000452049_00219_22818_9886.N1	12-JUL-2006 03:32:15	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22818	No
38	GOM_NL__2PRFIN20060712_033607_000000372049_00219_22818_9887.N1	12-JUL-2006 03:36:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22818	No
39	GOM_NL__2PRFIN20060712_033948_000000382049_00219_22818_9888.N1	12-JUL-2006 03:39:48	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	22818	No
40	GOM_NL__2PRFIN20060712_034349_000000432049_00219_22818_9889.N1	12-JUL-2006 03:43:49	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22818	No
41	GOM_NL__2PRFIN20060712_035013_000000422049_00219_22818_9890.N1	12-JUL-2006 03:50:13	Twilight	41.500	40	The Sco	1.8590	7100.0	83	22818	No
42	GOM_NL__2PRFIN20060712_035153_000000382049_00219_22818_9891.N1	12-JUL-2006 03:51:53	Bright	37.500	25	35Lam Sco	1.6200	28000.	75	22818	No

43	GOM_NL__2PRFIN20060712_035322_000000412049_00219_22818_9892.N1	12-JUL-2006 03:53:22	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	22818	No
44	GOM_NL__2PRFIN20060712_035432_000000392049_00219_22818_9893.N1	12-JUL-2006 03:54:32	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	22818	No
45	GOM_NL__2PRFIN20060712_035803_000000372049_00219_22818_9894.N1	12-JUL-2006 03:58:03	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22818	No
46	GOM_NL__2PRFIN20060712_040322_000000352049_00219_22818_9895.N1	12-JUL-2006 04:03:22	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22818	No
47	GOM_NL__2PRFIN20060712_040539_000000362049_00219_22818_9896.N1	12-JUL-2006 04:05:39	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22818	No
48	GOM_NL__2PRFIN20060712_041125_000000342049_00219_22818_9897.N1	12-JUL-2006 04:11:25	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22818	No
49	GOM_NL__2PRFIN20060712_041641_000000382049_00219_22818_9898.N1	12-JUL-2006 04:16:41	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22818	No
50	GOM_NL__2PRFIN20060712_041940_000000332049_00219_22818_9899.N1	12-JUL-2006 04:19:40	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	22818	No
51	GOM_NL__2PRFIN20060712_042352_000000362049_00219_22818_9900.N1	12-JUL-2006 04:23:52	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22818	No
52	GOM_NL__2PRFIN20060712_042737_000000342049_00219_22818_9901.N1	12-JUL-2006 04:27:37	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22818	No
53	GOM_NL__2PRFIN20060712_044839_000000412049_00219_22818_9902.N1	12-JUL-2006 04:48:39	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	22818	No
54	GOM_NL__2PRFIN20060712_045501_000000372049_00219_22818_9903.N1	12-JUL-2006 04:55:01	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22818	No
55	GOM_NL__2PRFIN20060712_045750_000000482049_00219_22818_9904.N1	12-JUL-2006 04:57:50	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22818	No
56	GOM_NL__2PRFIN20060712_050640_000000412049_00219_22818_9905.N1	12-JUL-2006 05:06:40	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22818	No
57	GOM_NL__2PRFIN20060712_051251_000000422049_00220_22819_9886.N1	12-JUL-2006 05:12:51	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22819	No
58	GOM_NL__2PRFIN20060712_051643_000000372049_00220_22819_9887.N1	12-JUL-2006 05:16:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22819	No
59	GOM_NL__2PRFIN20060712_052025_000000382049_00220_22819_9888.N1	12-JUL-2006 05:20:25	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	22819	No
60	GOM_NL__2PRFIN20060712_052426_000000422049_00220_22819_9889.N1	12-JUL-2006 05:24:26	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22819	No
61	GOM_NL__2PRFIN20060712_053049_000000452049_00220_22819_9890.N1	12-JUL-2006 05:30:49	Tw_i_and_stray	44.500	40	The Sco	1.8590	7100.0	89	22819	No
62	GOM_NL__2PRFIN20060712_053229_000000442049_00220_22819_9891.N1	12-JUL-2006 05:32:29	Bright	43.500	25	35Lam Sco	1.6200	28000.	87	22819	No
63	GOM_NL__2PRFIN20060712_053359_000000402049_00220_22819_9892.N1	12-JUL-2006 05:33:59	Bright	39.500	116	19Del Sgr	2.7000	4100.0	79	22819	No
64	GOM_NL__2PRFIN20060712_053508_000000392049_00220_22819_9893.N1	12-JUL-2006 05:35:08	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22819	No
65	GOM_NL__2PRFIN20060712_053839_000000372049_00220_22819_9894.N1	12-JUL-2006 05:38:39	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22819	No
66	GOM_NL__2PRFIN20060712_054358_000000362049_00220_22819_9895.N1	12-JUL-2006 05:43:58	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22819	No
67	GOM_NL__2PRFIN20060712_054615_000000372049_00220_22819_9896.N1	12-JUL-2006 05:46:15	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22819	No
68	GOM_NL__2PRFIN20060712_055201_000000372049_00220_22819_9897.N1	12-JUL-2006 05:52:01	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22819	No
69	GOM_NL__2PRFIN20060712_055717_000000372049_00220_22819_9898.N1	12-JUL-2006 05:57:17	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22819	No
70	GOM_NL__2PRFIN20060712_060017_000000362049_00220_22819_9899.N1	12-JUL-2006 06:00:17	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22819	No
71	GOM_NL__2PRFIN20060712_060428_000000362049_00220_22819_9900.N1	12-JUL-2006 06:04:28	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22819	No
72	GOM_NL__2PRFIN20060712_060813_000000352049_00220_22819_9901.N1	12-JUL-2006 06:08:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22819	No
73	GOM_NL__2PRFIN20060712_062915_000000382049_00220_22819_9902.N1	12-JUL-2006 06:29:15	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	22819	No
74	GOM_NL__2PRFIN20060712_063537_000000382049_00220_22819_9903.N1	12-JUL-2006 06:35:37	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22819	No
75	GOM_NL__2PRFIN20060712_063826_000000472049_00220_22819_9904.N1	12-JUL-2006 06:38:26	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22819	No
76	GOM_NL__2PRFIN20060712_064717_000000402049_00220_22819_9905.N1	12-JUL-2006 06:47:17	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22819	No
77	GOM_NL__2PRFIN20060712_065328_000000422049_00221_22820_9886.N1	12-JUL-2006 06:53:28	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22820	No
78	GOM_NL__2PRFIN20060712_065719_000000362049_00221_22820_9887.N1	12-JUL-2006 06:57:19	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22820	No
79	GOM_NL__2PRFIN20060712_070101_000000392049_00221_22820_9888.N1	12-JUL-2006 07:01:01	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	22820	No
80	GOM_NL__2PRFIN20060712_070502_000000402049_00221_22820_9889.N1	12-JUL-2006 07:05:02	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22820	No
81	GOM_NL__2PRFIN20060712_071125_000000422049_00221_22820_9890.N1	12-JUL-2006 07:11:25	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22820	No
82	GOM_NL__2PRFIN20060712_071305_000000402049_00221_22820_9891.N1	12-JUL-2006 07:13:05	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	22820	No
83	GOM_NL__2PRFIN20060712_071435_000000412049_00221_22820_9892.N1	12-JUL-2006 07:14:35	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	22820	No
84	GOM_NL__2PRFIN20060712_071544_000000412049_00221_22820_9893.N1	12-JUL-2006 07:15:44	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22820	No
85	GOM_NL__2PRFIN20060712_071915_000000382049_00221_22820_9894.N1	12-JUL-2006 07:19:15	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	22820	No
86	GOM_NL__2PRFIN20060712_072434_000000362049_00221_22820_9895.N1	12-JUL-2006 07:24:34	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22820	No
87	GOM_NL__2PRFIN20060712_072652_000000342049_00221_22820_9896.N1	12-JUL-2006 07:26:52	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22820	No
88	GOM_NL__2PRFIN20060712_073238_000000362049_00221_22820_9897.N1	12-JUL-2006 07:32:38	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22820	No
89	GOM_NL__2PRFIN20060712_073752_000000382049_00221_22820_9898.N1	12-JUL-2006 07:37:52	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22820	No
90	GOM_NL__2PRFIN20060712_074053_000000362049_00221_22820_9899.N1	12-JUL-2006 07:40:53	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22820	No
91	GOM_NL__2PRFIN20060712_074504_000000342049_00221_22820_9900.N1	12-JUL-2006 07:45:04	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22820	No
92	GOM_NL__2PRFIN20060712_074849_000000362049_00221_22820_9901.N1	12-JUL-2006 07:48:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22820	No
93	GOM_NL__2PRFIN20060712_080952_000000382049_00221_22820_9902.N1	12-JUL-2006 08:09:52	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	22820	No
94	GOM_NL__2PRFIN20060712_081613_000000392049_00221_22820_9903.N1	12-JUL-2006 08:16:13	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22820	No
95	GOM_NL__2PRFIN20060712_081903_000000462049_00221_22820_9904.N1	12-JUL-2006 08:19:03	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	22820	No
96	GOM_NL__2PRFIN20060712_082753_000000412049_00221_22820_9905.N1	12-JUL-2006 08:27:53	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22820	No
97	GOM_NL__2PRFIN20060712_083404_000000402049_00222_22821_9906.N1	12-JUL-2006 08:34:04	Dark	40.000	9	Alp Eri	0.45300	24000.	80	22821	No
98	GOM_NL__2PRFIN20060712_083755_000000362049_00222_22821_9907.N1	12-JUL-2006 08:37:55	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22821	No
99	GOM_NL__2PRFIN20060712_084138_000000392049_00222_22821_9908.N1	12-JUL-2006 08:41:38	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	22821	No
100	GOM_NL__2PRFIN20060712_084539_000000422049_00222_22821_9909.N1	12-JUL-2006 08:45:39	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22821	No
101	GOM_NL__2PRFIN20060712_085202_000000422049_00222_22821_9910.N1	12-JUL-2006 08:52:02	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22821	No

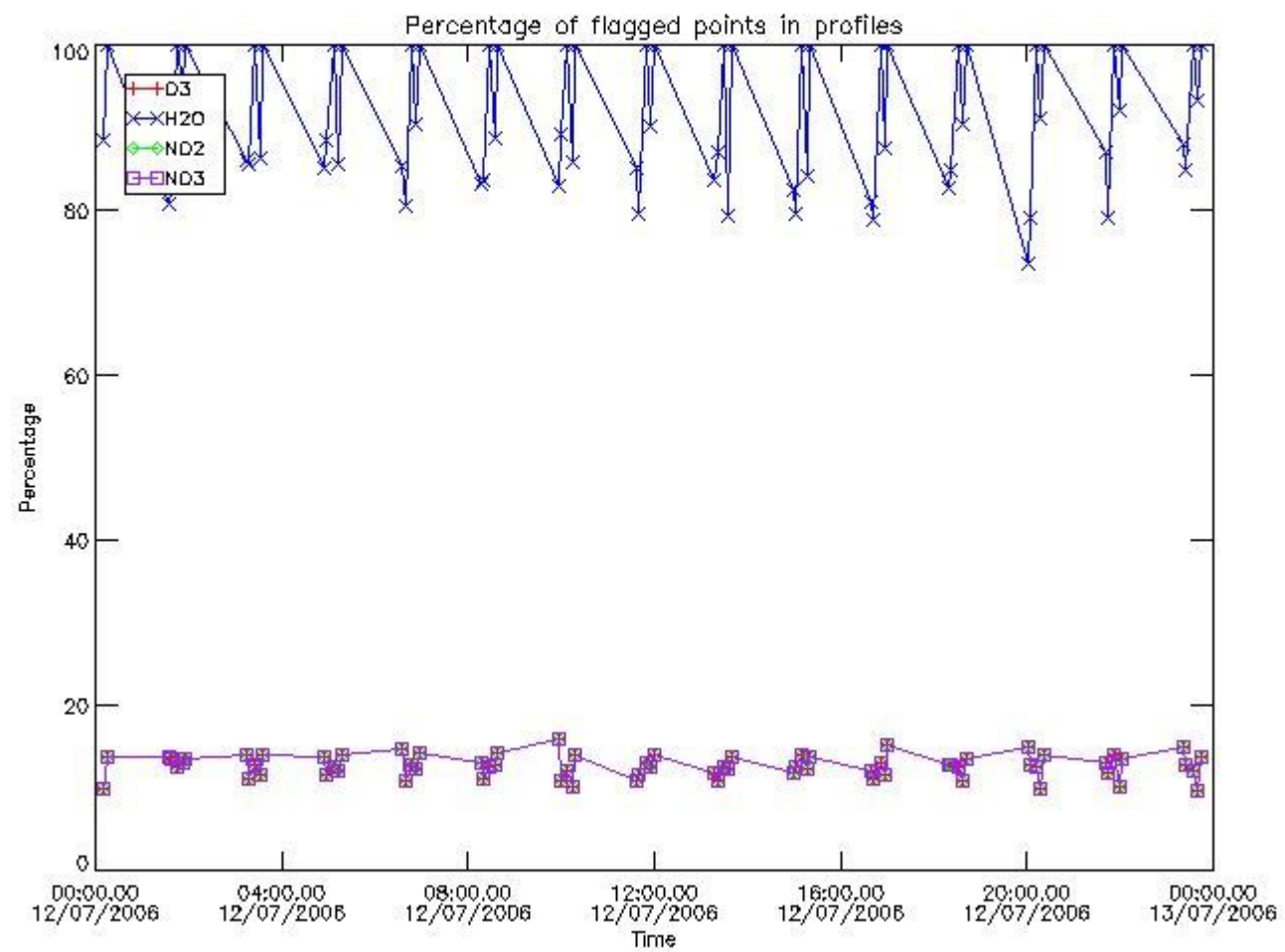
161	GOM_NL__2PRFIN20060712_135350_000000422049_00225_22824_9910.N1	12-JUL-2006 13:53:50	Twilight	42.000	40	The Sco	1.8590	7100.0	84	22824	No
162	GOM_NL__2PRFIN20060712_135529_000000392049_00225_22824_9911.N1	12-JUL-2006 13:55:29	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	22824	No
163	GOM_NL__2PRFIN20060712_135659_000000392049_00225_22824_9912.N1	12-JUL-2006 13:56:59	Bright	39.000	116	19Del Sgr	2.7000	4100.0	78	22824	No
164	GOM_NL__2PRFIN20060712_135809_000000392049_00225_22824_9913.N1	12-JUL-2006 13:58:09	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22824	No
165	GOM_NL__2PRFIN20060712_140658_000000352049_00225_22824_9914.N1	12-JUL-2006 14:06:58	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22824	No
166	GOM_NL__2PRFIN20060712_140915_000000352049_00225_22824_9915.N1	12-JUL-2006 14:09:15	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22824	No
167	GOM_NL__2PRFIN20060712_141502_000000342049_00225_22824_9916.N1	12-JUL-2006 14:15:02	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22824	No
168	GOM_NL__2PRFIN20060712_142016_000000372049_00225_22824_9917.N1	12-JUL-2006 14:20:16	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22824	No
169	GOM_NL__2PRFIN20060712_142317_000000372049_00225_22824_9918.N1	12-JUL-2006 14:23:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22824	No
170	GOM_NL__2PRFIN20060712_142728_000000472049_00225_22824_9919.N1	12-JUL-2006 14:27:28	Bright	47.000	60	7Bet UMi	2.0810	3950.0	94	22824	No
171	GOM_NL__2PRFIN20060712_143113_000000362049_00225_22824_9920.N1	12-JUL-2006 14:31:13	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22824	No
172	GOM_NL__2PRFIN20060712_145216_000000512049_00225_22824_9921.N1	12-JUL-2006 14:52:16	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	22824	No
173	GOM_NL__2PRFIN20060712_145838_000000432049_00225_22824_9922.N1	12-JUL-2006 14:58:38	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22824	No
174	GOM_NL__2PRFIN20060712_150128_000000452049_00225_22824_9923.N1	12-JUL-2006 15:01:28	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22824	No
175	GOM_NL__2PRFIN20060712_151019_000000402049_00225_22824_9924.N1	12-JUL-2006 15:10:19	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22824	No
176	GOM_NL__2PRFIN20060712_151630_000000422049_00226_22825_9906.N1	12-JUL-2006 15:16:30	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22825	No
177	GOM_NL__2PRFIN20060712_152020_000000372049_00226_22825_9907.N1	12-JUL-2006 15:20:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22825	No
178	GOM_NL__2PRFIN20060712_152404_000000412049_00226_22825_9908.N1	12-JUL-2006 15:24:04	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22825	No
179	GOM_NL__2PRFIN20060712_152804_000000402049_00226_22825_9909.N1	12-JUL-2006 15:28:04	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22825	No
180	GOM_NL__2PRFIN20060712_153426_000000442049_00226_22825_9910.N1	12-JUL-2006 15:34:26	Twilight	43.500	40	The Sco	1.8590	7100.0	87	22825	No
181	GOM_NL__2PRFIN20060712_153606_000000422049_00226_22825_9911.N1	12-JUL-2006 15:36:06	Bright	42.000	25	35Lam Sco	1.6200	28000.	84	22825	No
182	GOM_NL__2PRFIN20060712_153735_000000402049_00226_22825_9912.N1	12-JUL-2006 15:37:35	Bright	40.000	116	19Del Sgr	2.7000	4100.0	80	22825	No
183	GOM_NL__2PRFIN20060712_153845_000000402049_00226_22825_9913.N1	12-JUL-2006 15:38:45	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22825	No
184	GOM_NL__2PRFIN20060712_154734_000000362049_00226_22825_9914.N1	12-JUL-2006 15:47:34	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22825	No
185	GOM_NL__2PRFIN20060712_154952_000000352049_00226_22825_9915.N1	12-JUL-2006 15:49:52	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22825	No
186	GOM_NL__2PRFIN20060712_155538_000000352049_00226_22825_9916.N1	12-JUL-2006 15:55:38	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22825	No
187	GOM_NL__2PRFIN20060712_160052_000000352049_00226_22825_9917.N1	12-JUL-2006 16:00:52	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22825	No
188	GOM_NL__2PRFIN20060712_160353_000000342049_00226_22825_9918.N1	12-JUL-2006 16:03:53	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	22825	No
189	GOM_NL__2PRFIN20060712_160805_000000342049_00226_22825_9919.N1	12-JUL-2006 16:08:05	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22825	No
190	GOM_NL__2PRFIN20060712_161149_000000362049_00226_22825_9920.N1	12-JUL-2006 16:11:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22825	No
191	GOM_NL__2PRFIN20060712_163252_000000472049_00226_22825_9921.N1	12-JUL-2006 16:32:52	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22825	No
192	GOM_NL__2PRFIN20060712_163913_000000432049_00226_22825_9922.N1	12-JUL-2006 16:39:13	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22825	No
193	GOM_NL__2PRFIN20060712_164205_000000462049_00226_22825_9923.N1	12-JUL-2006 16:42:05	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22825	No
194	GOM_NL__2PRFIN20060712_165056_000000402049_00226_22825_9924.N1	12-JUL-2006 16:50:56	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22825	No
195	GOM_NL__2PRFIN20060712_165707_000000452049_00227_22826_9906.N1	12-JUL-2006 16:57:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22826	No
196	GOM_NL__2PRFIN20060712_170056_000000372049_00227_22826_9907.N1	12-JUL-2006 17:00:56	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22826	No
197	GOM_NL__2PRFIN20060712_170440_000000412049_00227_22826_9908.N1	12-JUL-2006 17:04:40	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22826	No
198	GOM_NL__2PRFIN20060712_170840_000000402049_00227_22826_9909.N1	12-JUL-2006 17:08:40	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22826	No
199	GOM_NL__2PRFIN20060712_171502_000000432049_00227_22826_9910.N1	12-JUL-2006 17:15:02	Twilight	42.500	40	The Sco	1.8590	7100.0	85	22826	No
200	GOM_NL__2PRFIN20060712_171642_000000412049_00227_22826_9911.N1	12-JUL-2006 17:16:42	Bright	41.000	25	35Lam Sco	1.6200	28000.	82	22826	No
201	GOM_NL__2PRFIN20060712_171812_000000392049_00227_22826_9912.N1	12-JUL-2006 17:18:12	Bright	39.000	116	19Del Sgr	2.7000	4100.0	78	22826	No
202	GOM_NL__2PRFIN20060712_171921_000000402049_00227_22826_9913.N1	12-JUL-2006 17:19:21	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22826	No
203	GOM_NL__2PRFIN20060712_172810_000000362049_00227_22826_9914.N1	12-JUL-2006 17:28:10	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22826	No
204	GOM_NL__2PRFIN20060712_173028_000000382049_00227_22826_9915.N1	12-JUL-2006 17:30:28	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	22826	No
205	GOM_NL__2PRFIN20060712_173615_000000362049_00227_22826_9916.N1	12-JUL-2006 17:36:15	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22826	No
206	GOM_NL__2PRFIN20060712_174127_000000382049_00227_22826_9917.N1	12-JUL-2006 17:41:27	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22826	No
207	GOM_NL__2PRFIN20060712_174429_000000372049_00227_22826_9918.N1	12-JUL-2006 17:44:29	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22826	No
208	GOM_NL__2PRFIN20060712_174841_000000332049_00227_22826_9919.N1	12-JUL-2006 17:48:41	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22826	No
209	GOM_NL__2PRFIN20060712_175225_000000522049_00227_22826_9920.N1	12-JUL-2006 17:52:25	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	22826	No
210	GOM_NL__2PRFIN20060712_181328_000000492049_00227_22826_9921.N1	12-JUL-2006 18:13:28	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22826	No
211	GOM_NL__2PRFIN20060712_181950_000000442049_00227_22826_9922.N1	12-JUL-2006 18:19:50	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	22826	No
212	GOM_NL__2PRFIN20060712_182241_000000442049_00227_22826_9923.N1	12-JUL-2006 18:22:41	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22826	No
213	GOM_NL__2PRFIN20060712_183133_000000412049_00227_22826_9924.N1	12-JUL-2006 18:31:33	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22826	No
214	GOM_NL__2PRFIN20060712_183743_000000482049_00228_22827_9906.N1	12-JUL-2006 18:37:43	Dark	47.500	9	Alp Eri	0.45300	24000.	95	22827	No
215	GOM_NL__2PRFIN20060712_184132_000000382049_00228_22827_9907.N1	12-JUL-2006 18:41:32	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22827	No
216	GOM_NL__2PRFIN20060712_184517_000000402049_00228_22827_9908.N1	12-JUL-2006 18:45:17	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22827	No
217	GOM_NL__2PRFIN20060712_184917_000000402049_00228_22827_9909.N1	12-JUL-2006 18:49:17	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22827	No
218	GOM_NL__2PRFIN20060712_185538_000000442049_00228_22827_9910.N1	12-JUL-2006 18:55:38	Twilight	43.500	40	The Sco	1.8590	7100.0	87	22827	No
219	GOM_NL__2PRFIN20060712_185718_000000432049_00228_22827_9911.N1	12-JUL-2006 18:57:18	Bright	42.500	25	35Lam Sco	1.6200	28000.	85	22827	No

220	GOM_NL__2PRFIN20060712_185848_000000412049_00228_22827_9912.N1	12-JUL-2006 18:58:48	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	22827	No
221	GOM_NL__2PRFIN20060712_185957_000000382049_00228_22827_9913.N1	12-JUL-2006 18:59:57	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	22827	No
222	GOM_NL__2PRFIN20060712_190847_000000352049_00228_22827_9914.N1	12-JUL-2006 19:08:47	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22827	No
223	GOM_NL__2PRFIN20060712_191104_000000372049_00228_22827_9915.N1	12-JUL-2006 19:11:04	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22827	No
224	GOM_NL__2PRFIN20060712_191651_000000352049_00228_22827_9916.N1	12-JUL-2006 19:16:51	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22827	No
225	GOM_NL__2PRFIN20060712_192203_000000382049_00228_22827_9917.N1	12-JUL-2006 19:22:03	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22827	No
226	GOM_NL__2PRFIN20060712_192505_000000372049_00228_22827_9918.N1	12-JUL-2006 19:25:05	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22827	No
227	GOM_NL__2PRFIN20060712_192917_000000372049_00228_22827_9919.N1	12-JUL-2006 19:29:17	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22827	No
228	GOM_NL__2PRFIN20060712_193301_000000352049_00228_22827_9920.N1	12-JUL-2006 19:33:01	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22827	No
229	GOM_NL__2PRFIN20060712_195405_000000532049_00228_22827_9921.N1	12-JUL-2006 19:54:05	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	22827	No
230	GOM_NL__2PRFIN20060712_200026_000000442049_00228_22827_9922.N1	12-JUL-2006 20:00:26	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	22827	No
231	GOM_NL__2PRFIN20060712_200318_000000442049_00228_22827_9923.N1	12-JUL-2006 20:03:18	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22827	No
232	GOM_NL__2PRFIN20060712_201209_000000412049_00228_22827_9924.N1	12-JUL-2006 20:12:09	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22827	No
233	GOM_NL__2PRFIN20060712_201820_000000522049_00229_22828_9906.N1	12-JUL-2006 20:18:20	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22828	No
234	GOM_NL__2PRFIN20060712_202209_000000372049_00229_22828_9907.N1	12-JUL-2006 20:22:09	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22828	No
235	GOM_NL__2PRFIN20060712_202553_000000402049_00229_22828_9908.N1	12-JUL-2006 20:25:53	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	22828	No
236	GOM_NL__2PRFIN20060712_202953_000000402049_00229_22828_9909.N1	12-JUL-2006 20:29:53	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22828	No
237	GOM_NL__2PRFIN20060712_203614_000000422049_00229_22828_9910.N1	12-JUL-2006 20:36:14	Twilight	42.000	40	The Sco	1.8590	7100.0	84	22828	No
238	GOM_NL__2PRFIN20060712_203754_000000402049_00229_22828_9911.N1	12-JUL-2006 20:37:54	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	22828	No
239	GOM_NL__2PRFIN20060712_203924_000000382049_00229_22828_9912.N1	12-JUL-2006 20:39:24	Bright	37.500	116	19Del Sgr	2.7000	4100.0	75	22828	No
240	GOM_NL__2PRFIN20060712_204033_000000392049_00229_22828_9913.N1	12-JUL-2006 20:40:33	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22828	No
241	GOM_NL__2PRFIN20060712_204922_000000352049_00229_22828_9914.N1	12-JUL-2006 20:49:22	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22828	No
242	GOM_NL__2PRFIN20060712_205140_000000362049_00229_22828_9915.N1	12-JUL-2006 20:51:40	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22828	No
243	GOM_NL__2PRFIN20060712_205727_000000372049_00229_22828_9916.N1	12-JUL-2006 20:57:27	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22828	No
244	GOM_NL__2PRFIN20060712_210239_000000372049_00229_22828_9917.N1	12-JUL-2006 21:02:39	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22828	No
245	GOM_NL__2PRFIN20060712_210541_000000362049_00229_22828_9918.N1	12-JUL-2006 21:05:41	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22828	No
246	GOM_NL__2PRFIN20060712_210953_000000332049_00229_22828_9919.N1	12-JUL-2006 21:09:53	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22828	No
247	GOM_NL__2PRFIN20060712_211337_000000362049_00229_22828_9920.N1	12-JUL-2006 21:13:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22828	No
248	GOM_NL__2PRFIN20060712_213441_000000452049_00229_22828_9921.N1	12-JUL-2006 21:34:41	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	22828	No
249	GOM_NL__2PRFIN20060712_214102_000000392049_00229_22828_9922.N1	12-JUL-2006 21:41:02	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22828	No
250	GOM_NL__2PRFIN20060712_214354_000000442049_00229_22828_9923.N1	12-JUL-2006 21:43:54	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22828	No
251	GOM_NL__2PRFIN20060712_215246_000000402049_00229_22828_9924.N1	12-JUL-2006 21:52:46	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22828	No
252	GOM_NL__2PRFIN20060712_215856_000000512049_00230_22829_9906.N1	12-JUL-2006 21:58:56	Dark	50.500	9	Alp Eri	0.45300	24000.	101	22829	No
253	GOM_NL__2PRFIN20060712_220245_000000382049_00230_22829_9907.N1	12-JUL-2006 22:02:45	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22829	No
254	GOM_NL__2PRFIN20060712_220630_000000412049_00230_22829_9908.N1	12-JUL-2006 22:06:30	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22829	No
255	GOM_NL__2PRFIN20060712_221029_000000402049_00230_22829_9909.N1	12-JUL-2006 22:10:29	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22829	No
256	GOM_NL__2PRFIN20060712_221650_000000412049_00230_22829_9910.N1	12-JUL-2006 22:16:50	Twilight	41.000	40	The Sco	1.8590	7100.0	82	22829	No
257	GOM_NL__2PRFIN20060712_221830_000000402049_00230_22829_9911.N1	12-JUL-2006 22:18:30	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	22829	No
258	GOM_NL__2PRFIN20060712_222000_000000412049_00230_22829_9912.N1	12-JUL-2006 22:20:00	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	22829	No
259	GOM_NL__2PRFIN20060712_222109_000000392049_00230_22829_9913.N1	12-JUL-2006 22:21:09	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	22829	No
260	GOM_NL__2PRFIN20060712_222959_000000352049_00230_22829_9914.N1	12-JUL-2006 22:29:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22829	No
261	GOM_NL__2PRFIN20060712_223216_000000362049_00230_22829_9915.N1	12-JUL-2006 22:32:16	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22829	No
262	GOM_NL__2PRFIN20060712_223803_000000362049_00230_22829_9916.N1	12-JUL-2006 22:38:03	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22829	No
263	GOM_NL__2PRFIN20060712_224315_000000352049_00230_22829_9917.N1	12-JUL-2006 22:43:15	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22829	No
264	GOM_NL__2PRFIN20060712_224617_000000372049_00230_22829_9918.N1	12-JUL-2006 22:46:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22829	No
265	GOM_NL__2PRFIN20060712_225029_000000362049_00230_22829_9919.N1	12-JUL-2006 22:50:29	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22829	No
266	GOM_NL__2PRFIN20060712_225413_000000362049_00230_22829_9920.N1	12-JUL-2006 22:54:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22829	No
267	GOM_NL__2PRFIN20060712_231517_000000462049_00230_22829_9921.N1	12-JUL-2006 23:15:17	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	22829	No
268	GOM_NL__2PRFIN20060712_232138_000000382049_00230_22829_9922.N1	12-JUL-2006 23:21:38	Dark	37.500	7	19Bet Ori	0.10000	14000.	75	22829	No
269	GOM_NL__2PRFIN20060712_232430_000000442049_00230_22829_9923.N1	12-JUL-2006 23:24:30	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22829	No
270	GOM_NL__2PRFIN20060712_233322_000000422049_00230_22829_9924.N1	12-JUL-2006 23:33:22	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22829	No
271	GOM_NL__2PRFIN20060712_233933_000000532049_00231_22830_9906.N1	12-JUL-2006 23:39:33	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22830	No
272	GOM_NL__2PRFIN20060712_234321_000000372049_00231_22830_9907.N1	12-JUL-2006 23:43:21	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22830	No
273	GOM_NL__2PRFIN20060712_234706_000000412049_00231_22830_9908.N1	12-JUL-2006 23:47:06	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22830	No
274	GOM_NL__2PRFIN20060712_235105_000000402049_00231_22830_9909.N1	12-JUL-2006 23:51:05	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22830	No
275	GOM_NL__2PRFIN20060712_235726_000000282049_00231_22830_9910.N1	12-JUL-2006 23:57:26	Twilight	28.000	40	The Sco	1.8590	7100.0	56	22830	No

3. Quality information per product

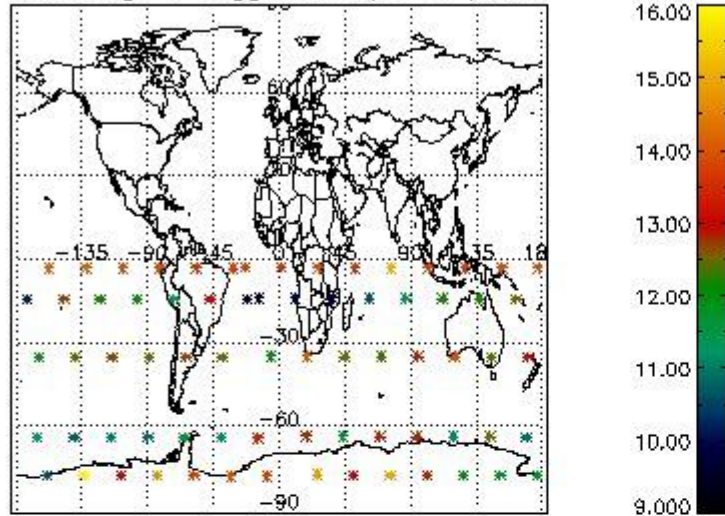
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

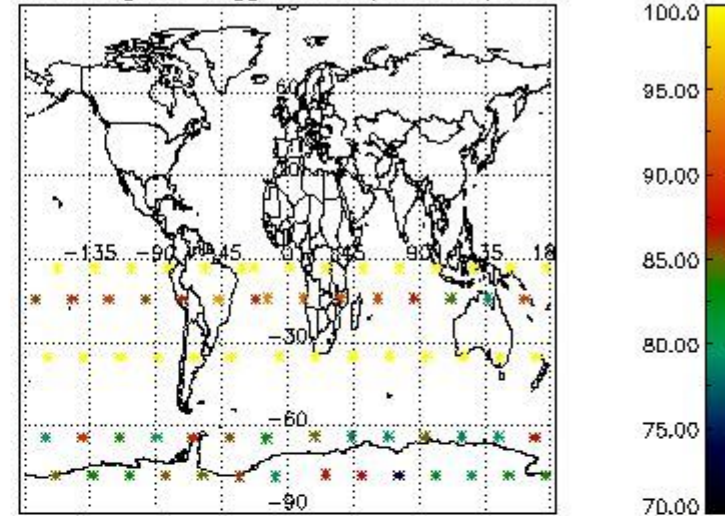


3.2 Plot quality information per product (world map)

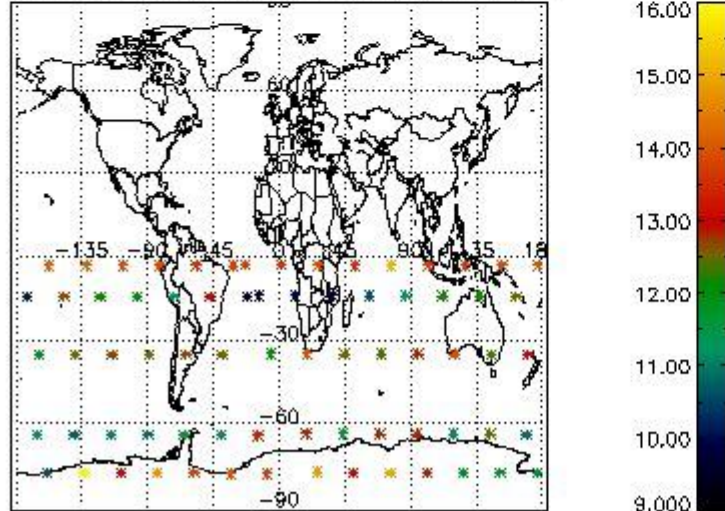
Percentage of flagged data per O3 profile



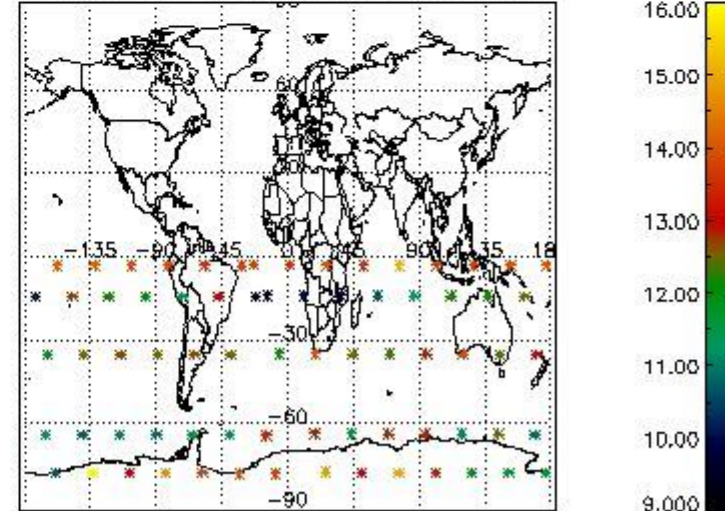
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

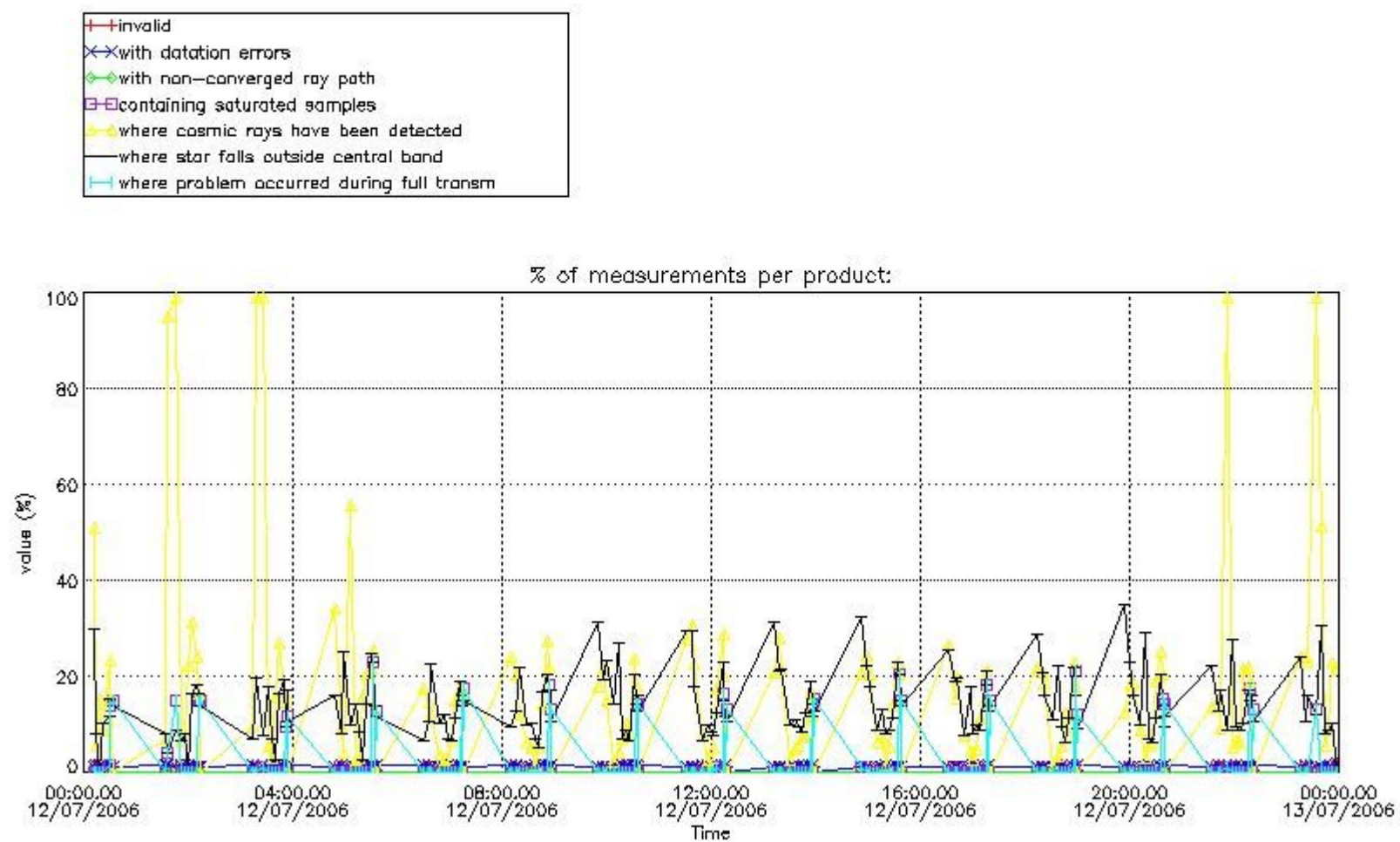


4. Level 1 quality information per product

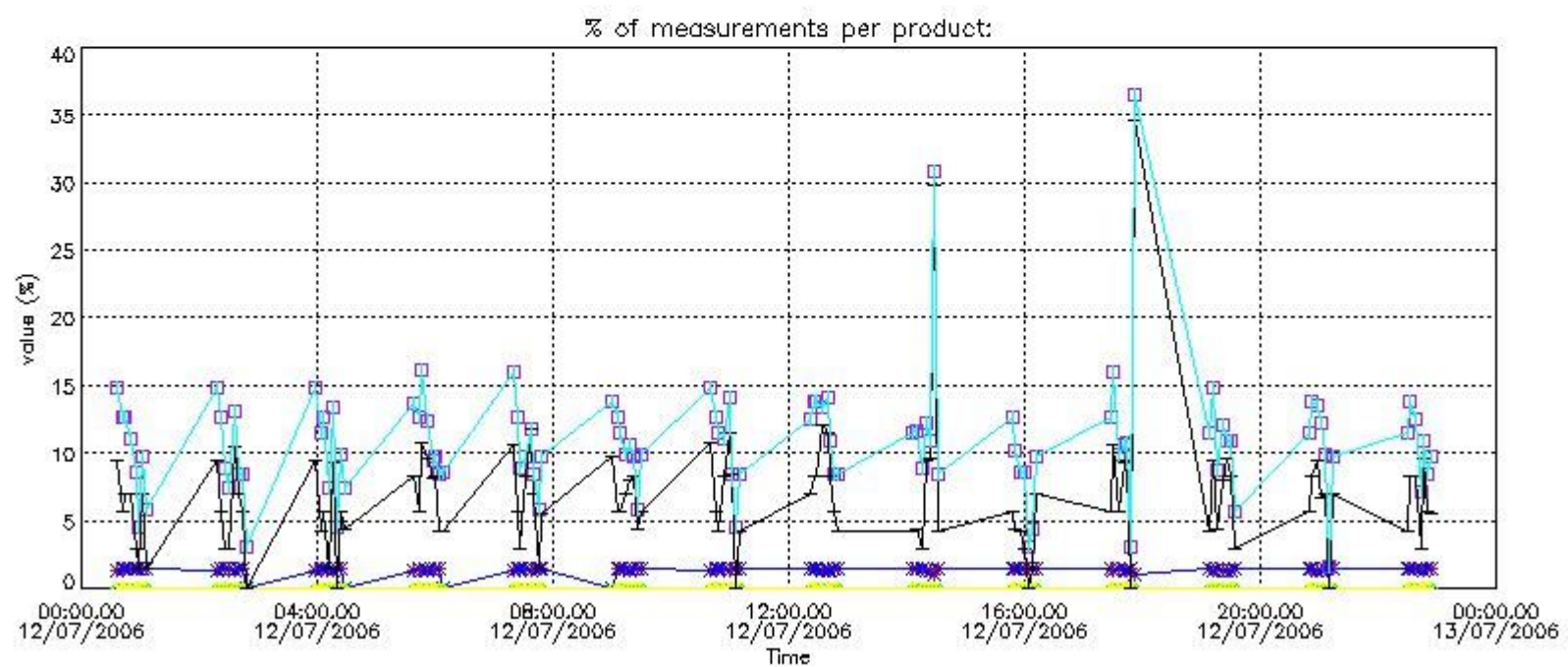
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



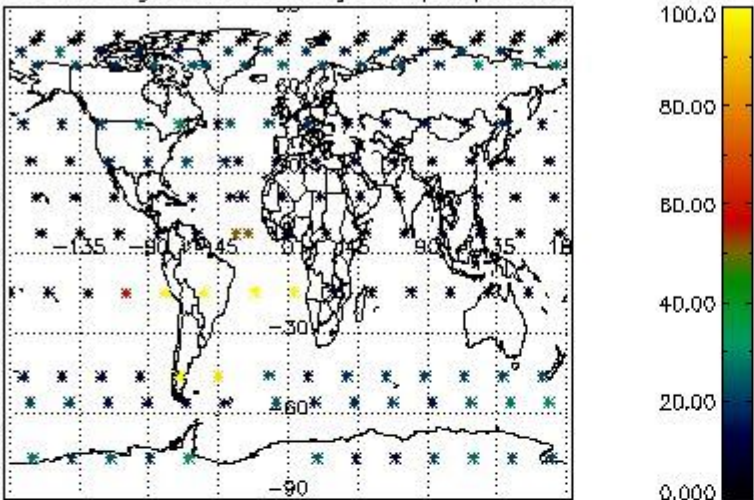
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



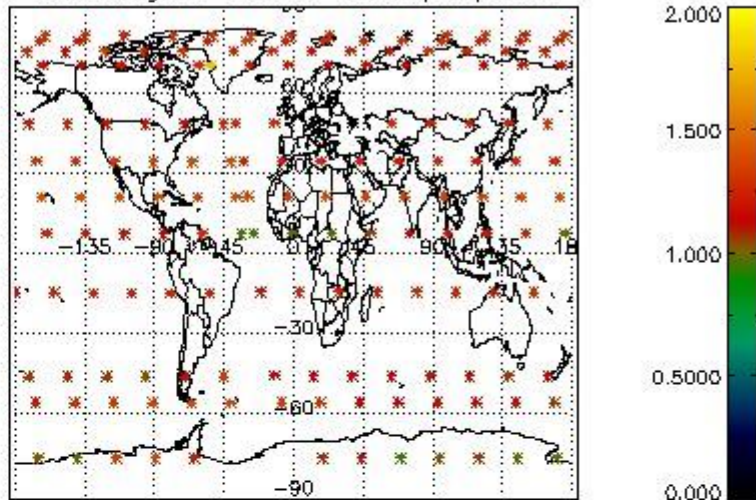
4.2 Plot quality information per product coming from level 1b processing (world map)

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

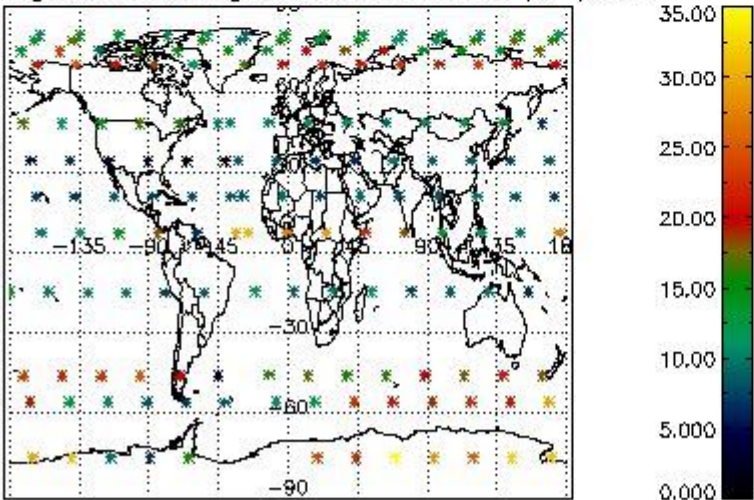
Percentage of cosmic ray hits per profile



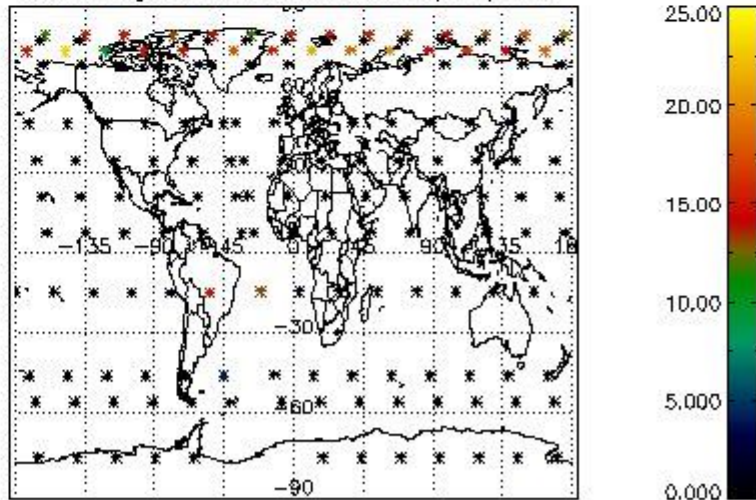
Percentage of datation errors per profile



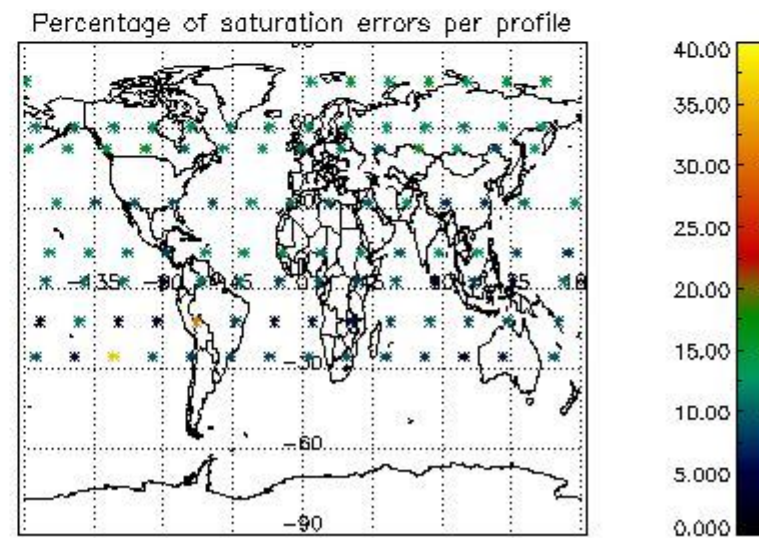
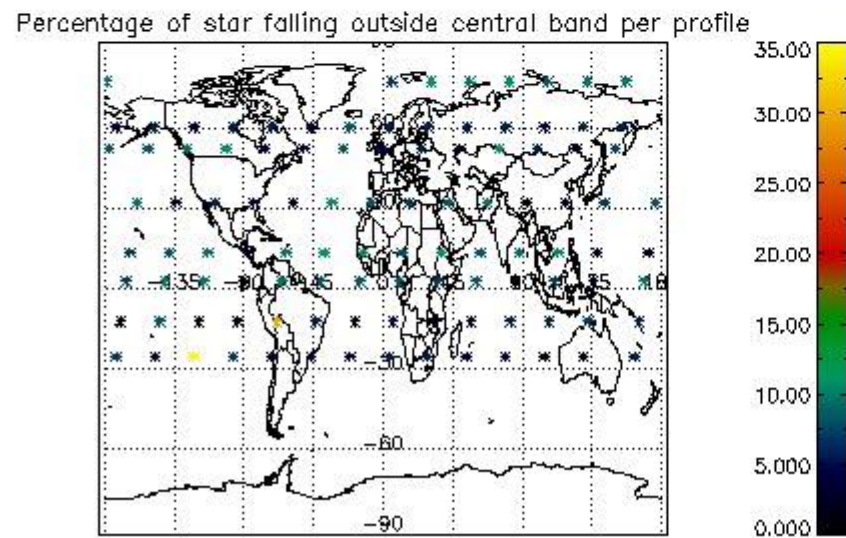
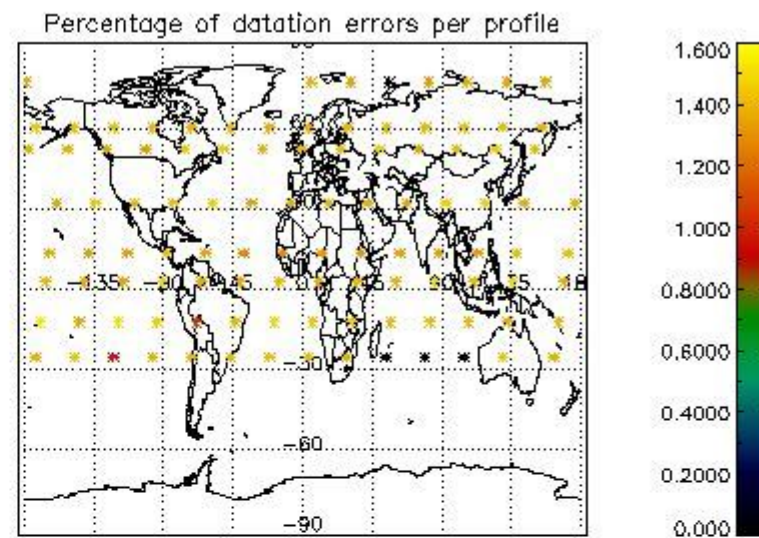
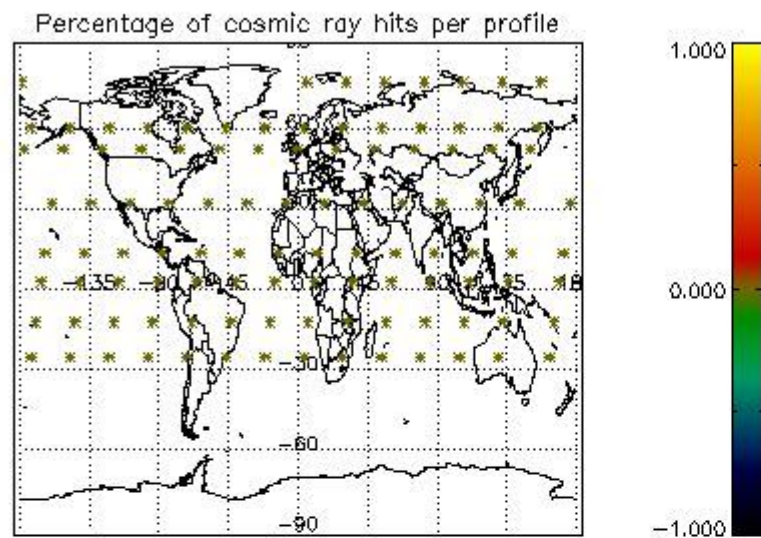
Percentage of star falling outside central band per profile



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

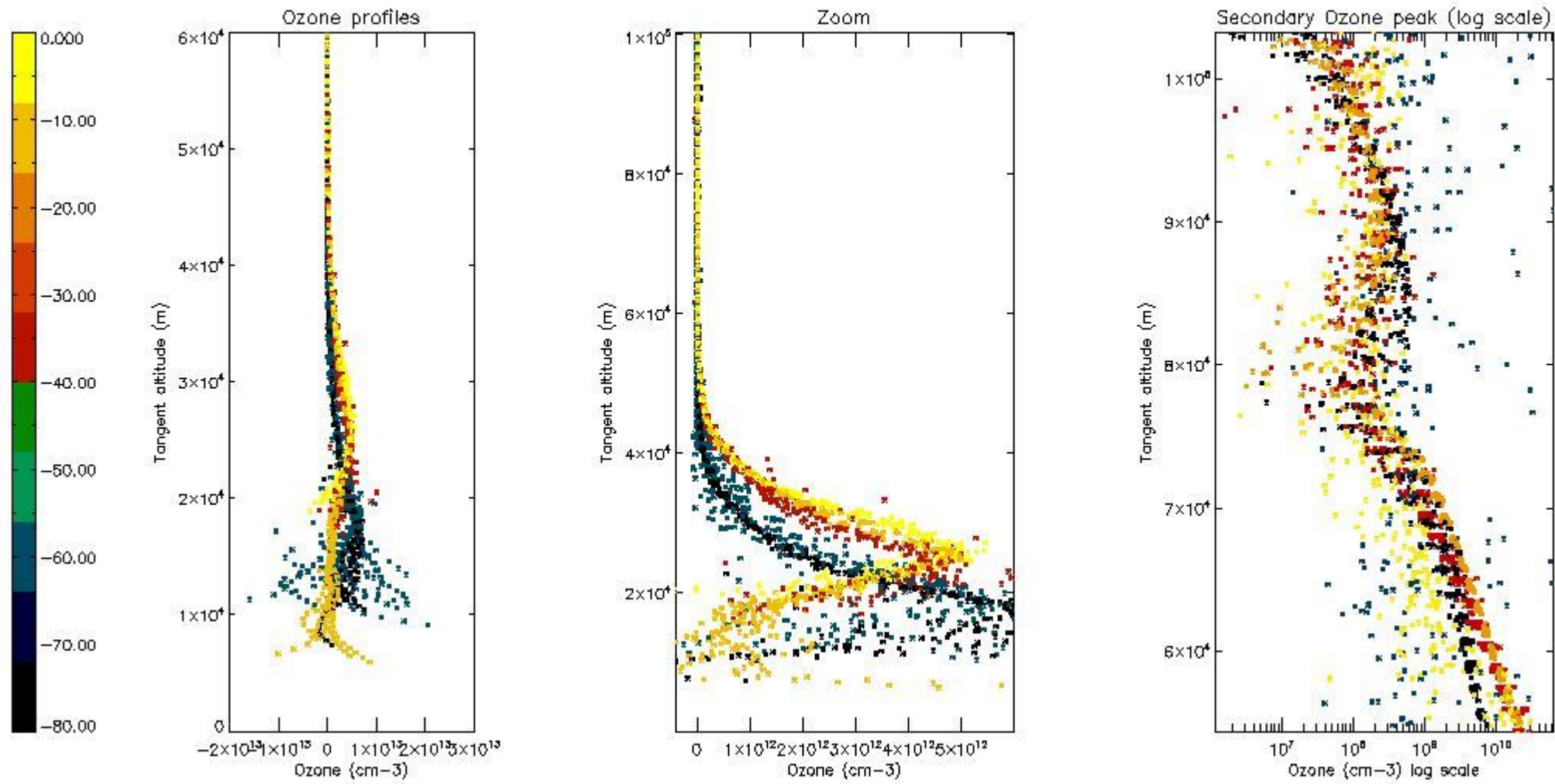
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	11
STD < 5	7

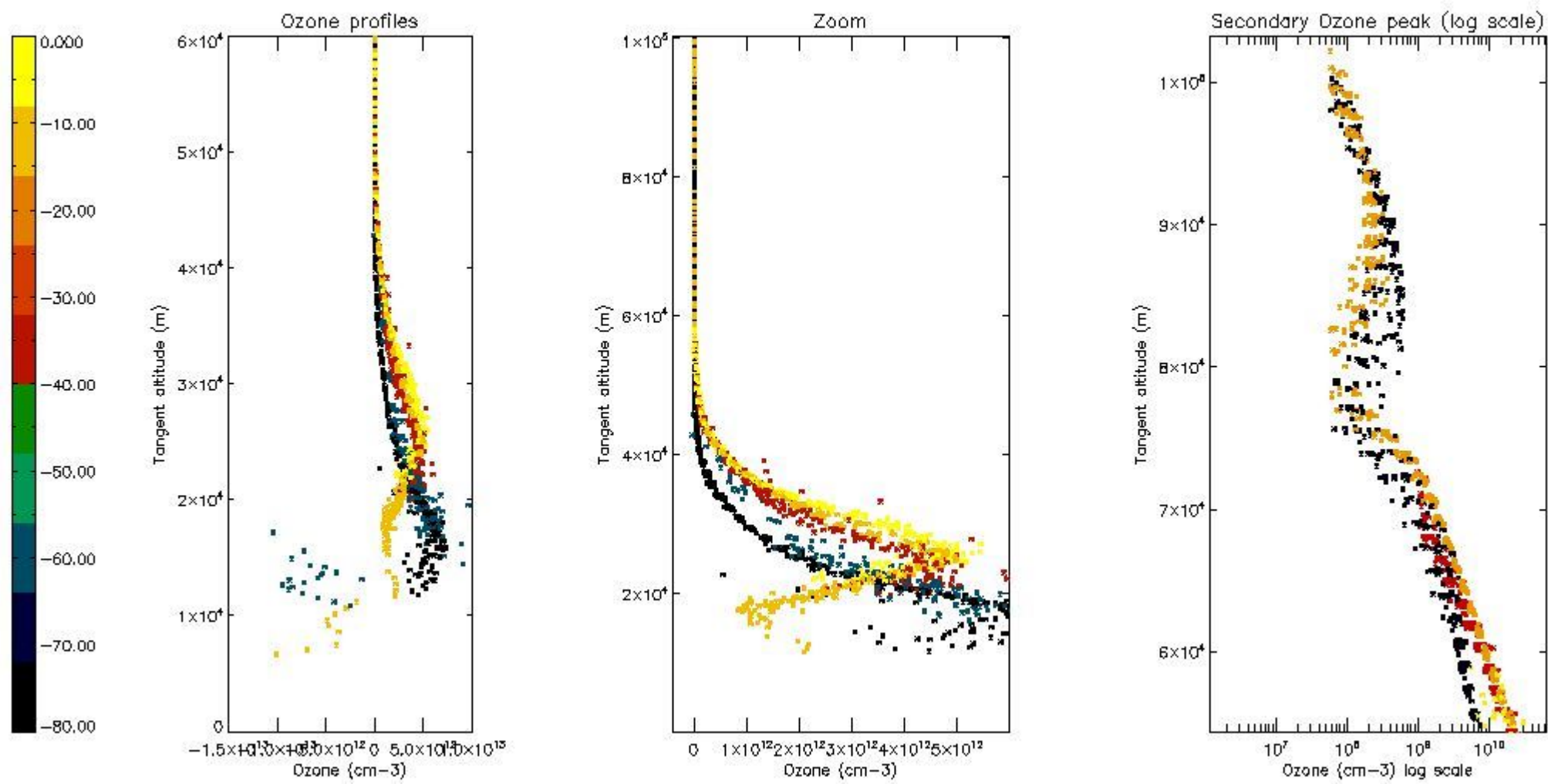
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



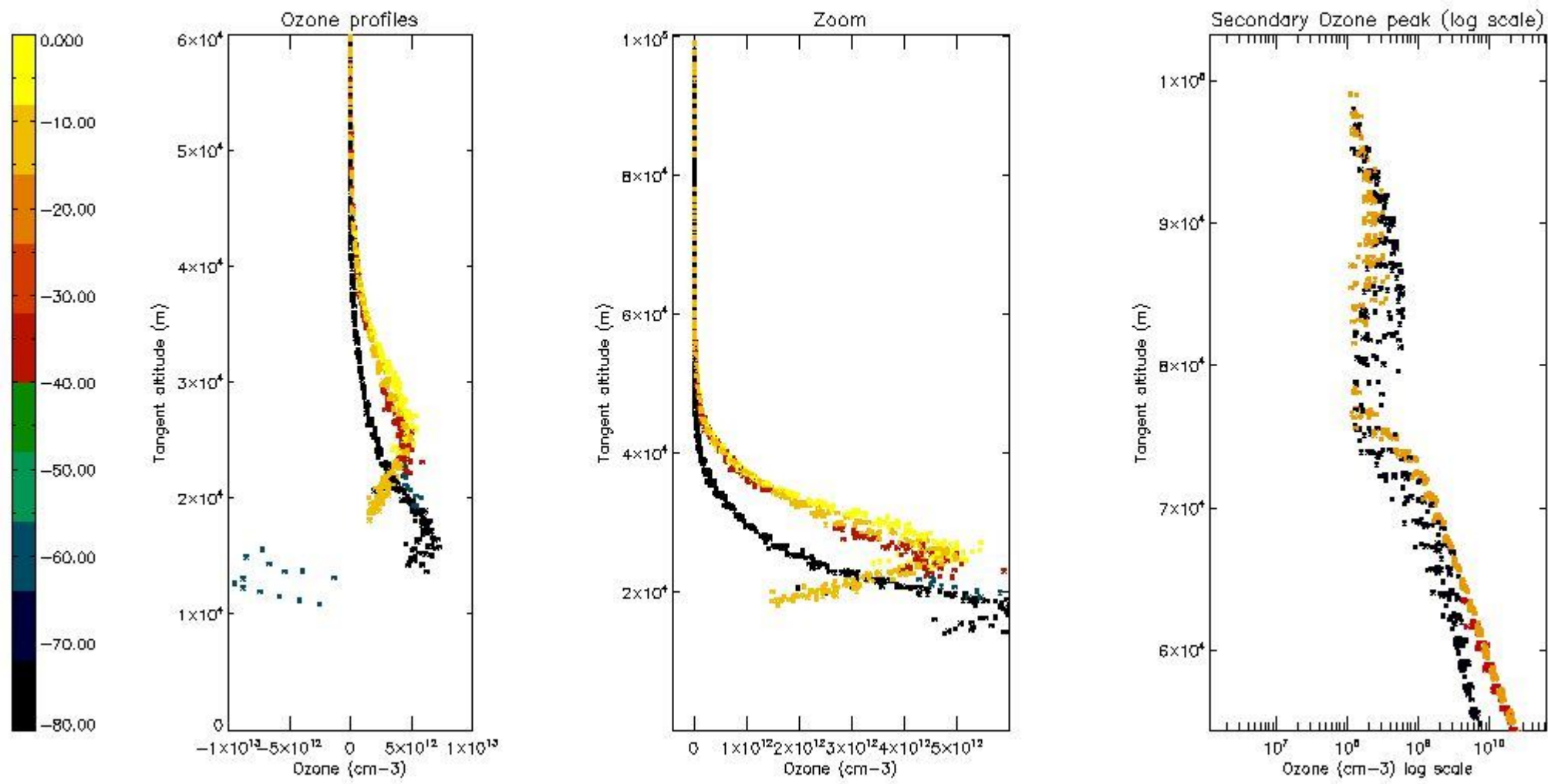
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



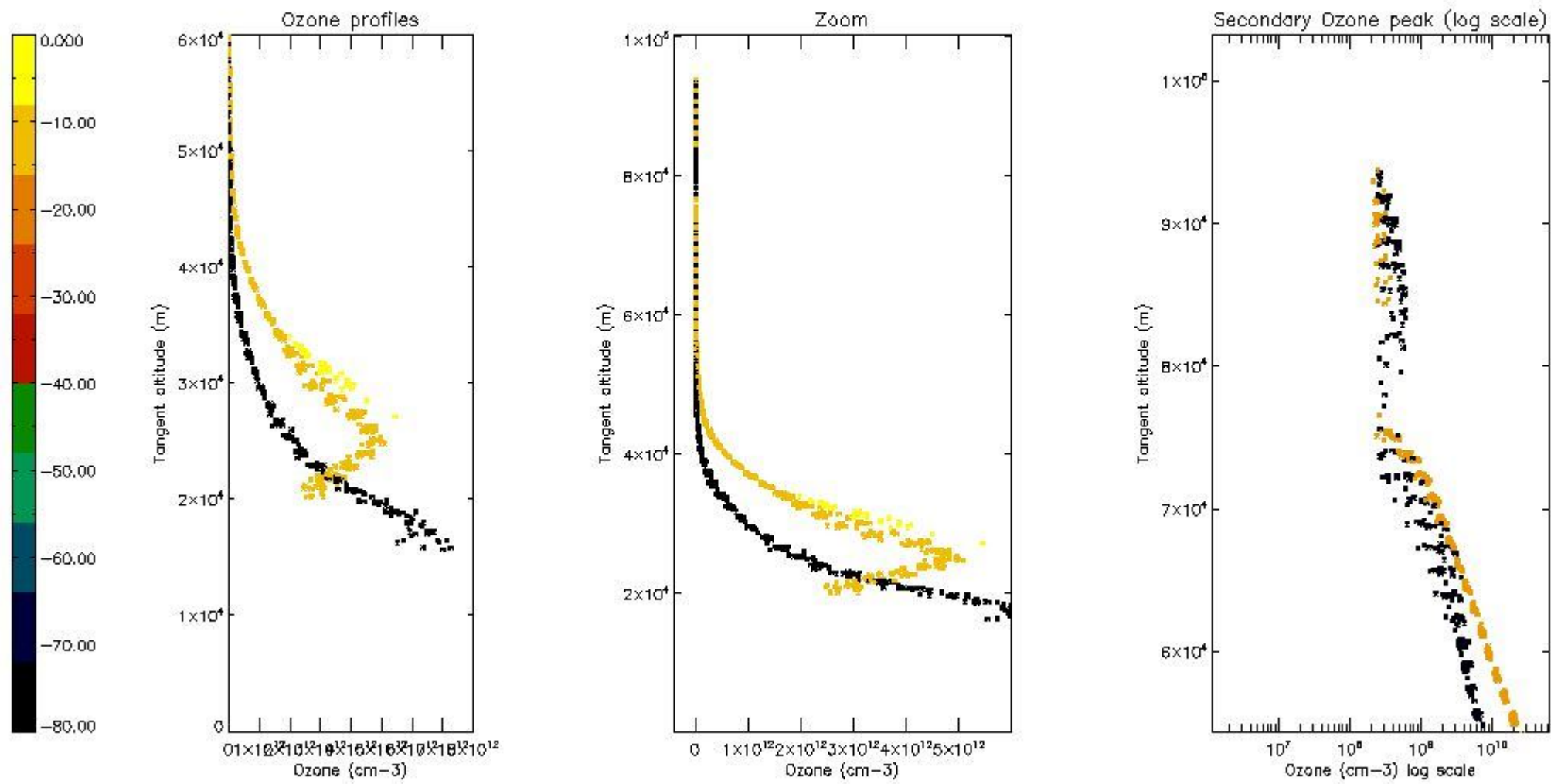
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



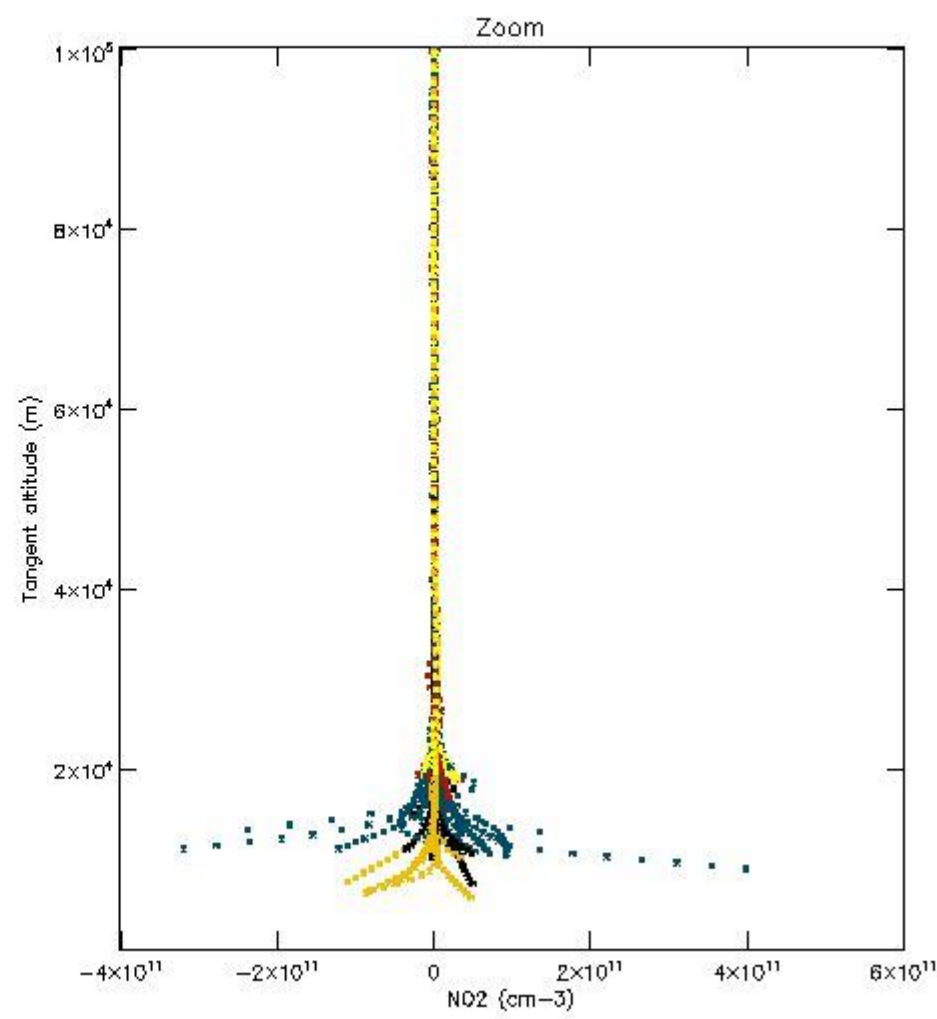
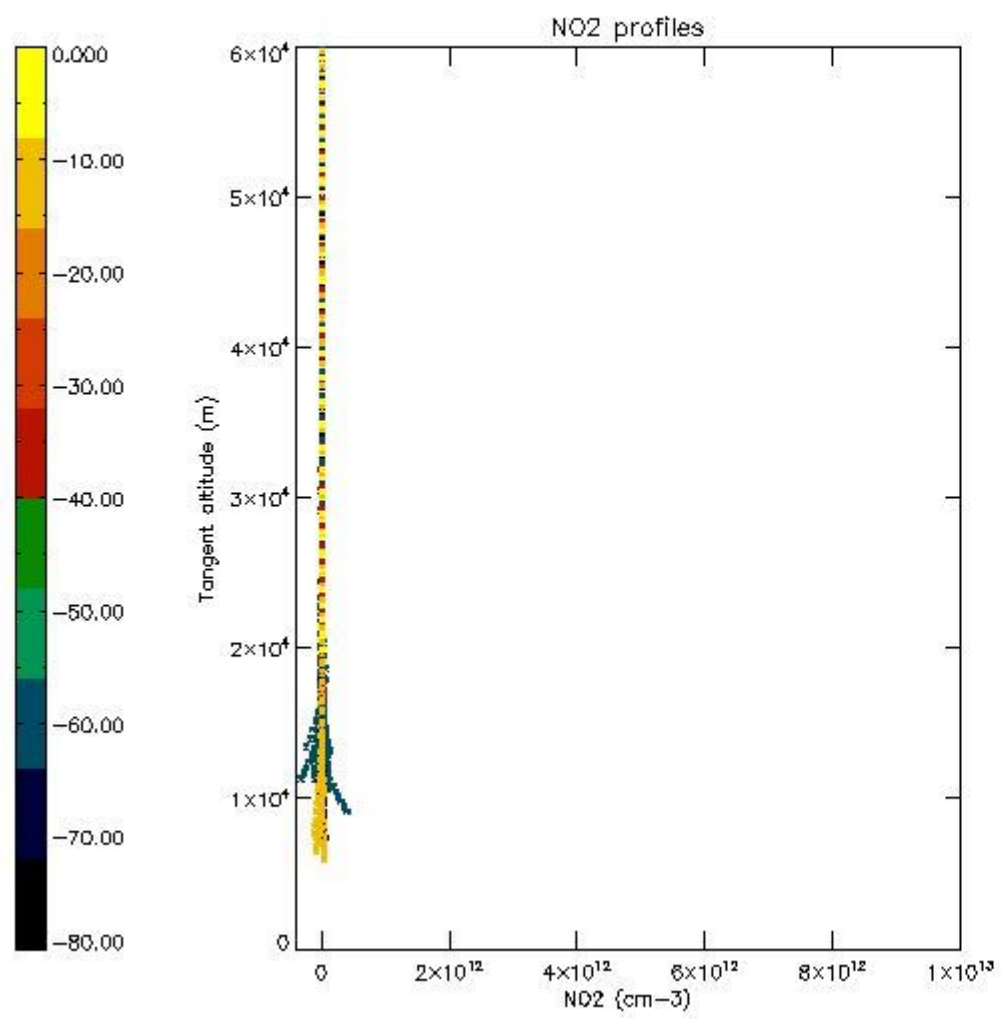
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



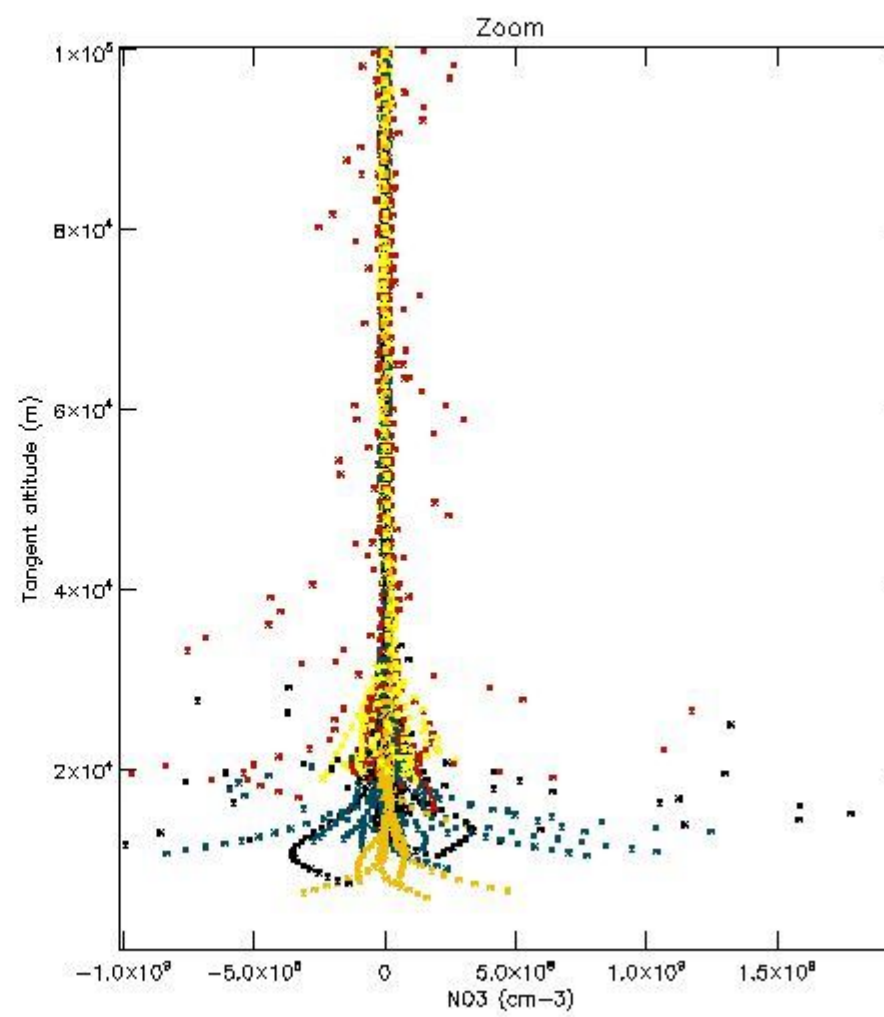
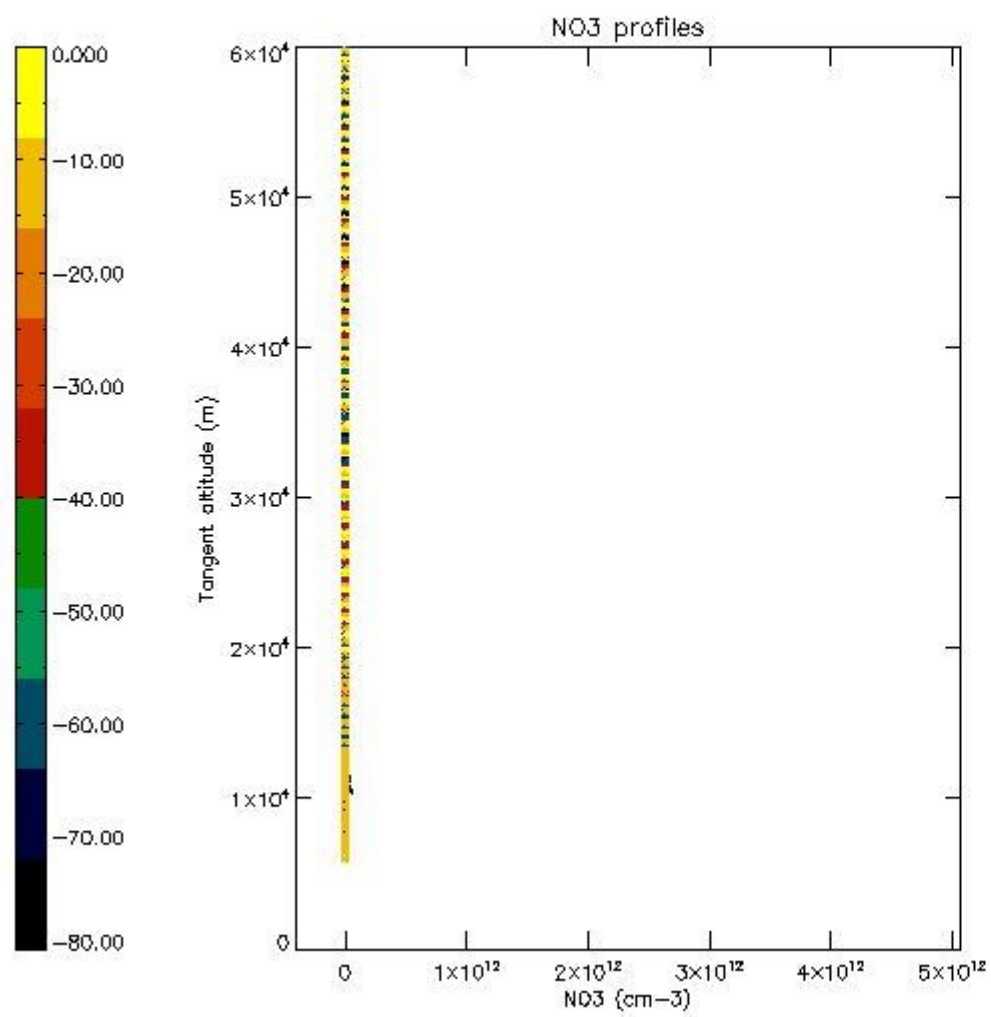
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



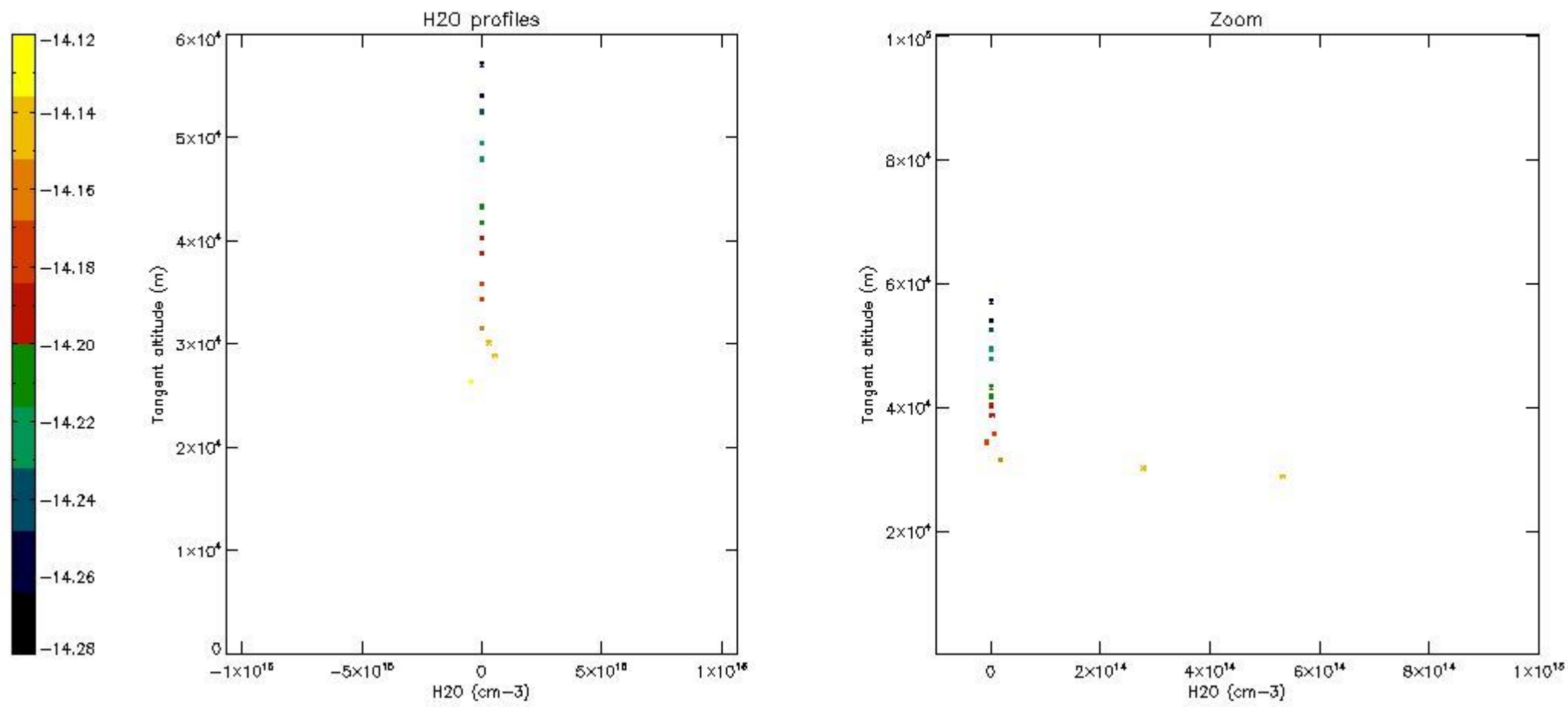
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-JUL-2006 00:11:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-JUL-2006 00:11:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-JUL-2006 00:11:01

GOMOS Level 2 Daily Report

SUMMARY

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[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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[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 01:37:19
Data source version	GOMOS/6.01
Start time of products	12-07-2006 (12JUL2006 00:00:00)
Stop time of products	13-07-2006 (13JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	275
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060712_001101_000000522049_00217_22816_9945.N1	12-JUL-2006 00:11:01	Dark	52.000	9	Alp Eri	0.45300	24000.	104	22816	No
2	GOM_NL__2PRFIN20060712_001454_000000372049_00217_22816_9946.N1	12-JUL-2006 00:14:54	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22816	No
3	GOM_NL__2PRFIN20060712_001835_000000362049_00217_22816_9947.N1	12-JUL-2006 00:18:35	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	22816	No
4	GOM_NL__2PRFIN20060712_002237_000000402049_00217_22816_9948.N1	12-JUL-2006 00:22:37	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22816	No
5	GOM_NL__2PRFIN20060712_002901_000000392049_00217_22816_9949.N1	12-JUL-2006 00:29:01	Twilight	38.500	40	The Sco	1.8590	7100.0	77	22816	No
6	GOM_NL__2PRFIN20060712_003041_000000402049_00217_22816_9950.N1	12-JUL-2006 00:30:41	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	22816	No
7	GOM_NL__2PRFIN20060712_003320_000000402049_00217_22816_9951.N1	12-JUL-2006 00:33:20	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22816	No
8	GOM_NL__2PRFIN20060712_003650_000000372049_00217_22816_9952.N1	12-JUL-2006 00:36:50	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22816	No
9	GOM_NL__2PRFIN20060712_004210_000000362049_00217_22816_9953.N1	12-JUL-2006 00:42:10	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22816	No
10	GOM_NL__2PRFIN20060712_004427_000000362049_00217_22816_9954.N1	12-JUL-2006 00:44:27	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22816	No
11	GOM_NL__2PRFIN20060712_005013_000000362049_00217_22816_9955.N1	12-JUL-2006 00:50:13	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22816	No
12	GOM_NL__2PRFIN20060712_005529_000000352049_00217_22816_9956.N1	12-JUL-2006 00:55:29	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22816	No
13	GOM_NL__2PRFIN20060712_005828_000000342049_00217_22816_9957.N1	12-JUL-2006 00:58:28	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	22816	No
14	GOM_NL__2PRFIN20060712_010239_000000362049_00217_22816_9958.N1	12-JUL-2006 01:02:39	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22816	No
15	GOM_NL__2PRFIN20060712_010625_000000352049_00217_22816_9959.N1	12-JUL-2006 01:06:25	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	22816	No
16	GOM_NL__2PRFIN20060712_013349_000000372049_00217_22816_9960.N1	12-JUL-2006 01:33:49	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22816	No
17	GOM_NL__2PRFIN20060712_013637_000000382049_00217_22816_9961.N1	12-JUL-2006 01:36:37	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	22816	No
18	GOM_NL__2PRFIN20060712_014527_000000412049_00217_22816_9962.N1	12-JUL-2006 01:45:27	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22816	No
19	GOM_NL__2PRFIN20060712_015138_000000392049_00218_22817_9886.N1	12-JUL-2006 01:51:38	Dark	39.000	9	Alp Eri	0.45300	24000.	78	22817	No
20	GOM_NL__2PRFIN20060712_015530_000000382049_00218_22817_9887.N1	12-JUL-2006 01:55:30	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22817	No
21	GOM_NL__2PRFIN20060712_015912_000000362049_00218_22817_9888.N1	12-JUL-2006 01:59:12	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	22817	No
22	GOM_NL__2PRFIN20060712_020313_000000432049_00218_22817_9889.N1	12-JUL-2006 02:03:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22817	No
23	GOM_NL__2PRFIN20060712_020937_000000422049_00218_22817_9890.N1	12-JUL-2006 02:09:37	Twilight	41.500	40	The Sco	1.8590	7100.0	83	22817	No
24	GOM_NL__2PRFIN20060712_021117_000000402049_00218_22817_9891.N1	12-JUL-2006 02:11:17	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	22817	No
25	GOM_NL__2PRFIN20060712_021356_000000402049_00218_22817_9892.N1	12-JUL-2006 02:13:56	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22817	No
26	GOM_NL__2PRFIN20060712_021727_000000372049_00218_22817_9893.N1	12-JUL-2006 02:17:27	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22817	No
27	GOM_NL__2PRFIN20060712_022246_000000362049_00218_22817_9894.N1	12-JUL-2006 02:22:46	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22817	No
28	GOM_NL__2PRFIN20060712_022503_000000342049_00218_22817_9895.N1	12-JUL-2006 02:25:03	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22817	No
29	GOM_NL__2PRFIN20060712_023049_000000342049_00218_22817_9896.N1	12-JUL-2006 02:30:49	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22817	No
30	GOM_NL__2PRFIN20060712_023605_000000382049_00218_22817_9897.N1	12-JUL-2006 02:36:05	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22817	No
31	GOM_NL__2PRFIN20060712_023904_000000362049_00218_22817_9898.N1	12-JUL-2006 02:39:04	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22817	No
32	GOM_NL__2PRFIN20060712_024315_000000362049_00218_22817_9899.N1	12-JUL-2006 02:43:15	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22817	No
33	GOM_NL__2PRFIN20060712_024701_000000332049_00218_22817_9900.N1	12-JUL-2006 02:47:01	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	22817	No
34	GOM_NL__2PRFIN20060712_031425_000000372049_00218_22817_9901.N1	12-JUL-2006 03:14:25	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	22817	No
35	GOM_NL__2PRFIN20060712_031714_000000462049_00218_22817_9902.N1	12-JUL-2006 03:17:14	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22817	No
36	GOM_NL__2PRFIN20060712_032603_000000402049_00218_22817_9903.N1	12-JUL-2006 03:26:03	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22817	No
37	GOM_NL__2PRFIN20060712_033215_000000452049_00219_22818_9886.N1	12-JUL-2006 03:32:15	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22818	No
38	GOM_NL__2PRFIN20060712_033607_000000372049_00219_22818_9887.N1	12-JUL-2006 03:36:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22818	No
39	GOM_NL__2PRFIN20060712_033948_000000382049_00219_22818_9888.N1	12-JUL-2006 03:39:48	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	22818	No
40	GOM_NL__2PRFIN20060712_034349_000000432049_00219_22818_9889.N1	12-JUL-2006 03:43:49	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22818	No
41	GOM_NL__2PRFIN20060712_035013_000000422049_00219_22818_9890.N1	12-JUL-2006 03:50:13	Twilight	41.500	40	The Sco	1.8590	7100.0	83	22818	No
42	GOM_NL__2PRFIN20060712_035153_000000382049_00219_22818_9891.N1	12-JUL-2006 03:51:53	Bright	37.500	25	35Lam Sco	1.6200	28000.	75	22818	No



43	GOM_NL__2PRFIN20060712_035322_000000412049_00219_22818_9892.N1	12-JUL-2006 03:53:22	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	22818	No
44	GOM_NL__2PRFIN20060712_035432_000000392049_00219_22818_9893.N1	12-JUL-2006 03:54:32	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	22818	No
45	GOM_NL__2PRFIN20060712_035803_000000372049_00219_22818_9894.N1	12-JUL-2006 03:58:03	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22818	No
46	GOM_NL__2PRFIN20060712_040322_000000352049_00219_22818_9895.N1	12-JUL-2006 04:03:22	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22818	No
47	GOM_NL__2PRFIN20060712_040539_000000362049_00219_22818_9896.N1	12-JUL-2006 04:05:39	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	22818	No
48	GOM_NL__2PRFIN20060712_041125_000000342049_00219_22818_9897.N1	12-JUL-2006 04:11:25	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22818	No
49	GOM_NL__2PRFIN20060712_041641_000000382049_00219_22818_9898.N1	12-JUL-2006 04:16:41	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22818	No
50	GOM_NL__2PRFIN20060712_041940_000000332049_00219_22818_9899.N1	12-JUL-2006 04:19:40	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	22818	No
51	GOM_NL__2PRFIN20060712_042352_000000362049_00219_22818_9900.N1	12-JUL-2006 04:23:52	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22818	No
52	GOM_NL__2PRFIN20060712_042737_000000342049_00219_22818_9901.N1	12-JUL-2006 04:27:37	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	22818	No
53	GOM_NL__2PRFIN20060712_044839_000000412049_00219_22818_9902.N1	12-JUL-2006 04:48:39	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	22818	No
54	GOM_NL__2PRFIN20060712_045501_000000372049_00219_22818_9903.N1	12-JUL-2006 04:55:01	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	22818	No
55	GOM_NL__2PRFIN20060712_045750_000000482049_00219_22818_9904.N1	12-JUL-2006 04:57:50	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	22818	No
56	GOM_NL__2PRFIN20060712_050640_000000412049_00219_22818_9905.N1	12-JUL-2006 05:06:40	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22818	No
57	GOM_NL__2PRFIN20060712_051251_000000422049_00220_22819_9886.N1	12-JUL-2006 05:12:51	Dark	42.000	9	Alp Eri	0.45300	24000.	84	22819	No
58	GOM_NL__2PRFIN20060712_051643_000000372049_00220_22819_9887.N1	12-JUL-2006 05:16:43	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22819	No
59	GOM_NL__2PRFIN20060712_052025_000000382049_00220_22819_9888.N1	12-JUL-2006 05:20:25	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	22819	No
60	GOM_NL__2PRFIN20060712_052426_000000422049_00220_22819_9889.N1	12-JUL-2006 05:24:26	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22819	No
61	GOM_NL__2PRFIN20060712_053049_000000452049_00220_22819_9890.N1	12-JUL-2006 05:30:49	Tw_i_and_stray	44.500	40	The Sco	1.8590	7100.0	89	22819	No
62	GOM_NL__2PRFIN20060712_053229_000000442049_00220_22819_9891.N1	12-JUL-2006 05:32:29	Bright	43.500	25	35Lam Sco	1.6200	28000.	87	22819	No
63	GOM_NL__2PRFIN20060712_053359_000000402049_00220_22819_9892.N1	12-JUL-2006 05:33:59	Bright	39.500	116	19Del Sgr	2.7000	4100.0	79	22819	No
64	GOM_NL__2PRFIN20060712_053508_000000392049_00220_22819_9893.N1	12-JUL-2006 05:35:08	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22819	No
65	GOM_NL__2PRFIN20060712_053839_000000372049_00220_22819_9894.N1	12-JUL-2006 05:38:39	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	22819	No
66	GOM_NL__2PRFIN20060712_054358_000000362049_00220_22819_9895.N1	12-JUL-2006 05:43:58	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22819	No
67	GOM_NL__2PRFIN20060712_054615_000000372049_00220_22819_9896.N1	12-JUL-2006 05:46:15	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22819	No
68	GOM_NL__2PRFIN20060712_055201_000000372049_00220_22819_9897.N1	12-JUL-2006 05:52:01	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	22819	No
69	GOM_NL__2PRFIN20060712_055717_000000372049_00220_22819_9898.N1	12-JUL-2006 05:57:17	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22819	No
70	GOM_NL__2PRFIN20060712_060017_000000362049_00220_22819_9899.N1	12-JUL-2006 06:00:17	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22819	No
71	GOM_NL__2PRFIN20060712_060428_000000362049_00220_22819_9900.N1	12-JUL-2006 06:04:28	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22819	No
72	GOM_NL__2PRFIN20060712_060813_000000352049_00220_22819_9901.N1	12-JUL-2006 06:08:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22819	No
73	GOM_NL__2PRFIN20060712_062915_000000382049_00220_22819_9902.N1	12-JUL-2006 06:29:15	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	22819	No
74	GOM_NL__2PRFIN20060712_063537_000000382049_00220_22819_9903.N1	12-JUL-2006 06:35:37	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	22819	No
75	GOM_NL__2PRFIN20060712_063826_000000472049_00220_22819_9904.N1	12-JUL-2006 06:38:26	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22819	No
76	GOM_NL__2PRFIN20060712_064717_000000402049_00220_22819_9905.N1	12-JUL-2006 06:47:17	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22819	No
77	GOM_NL__2PRFIN20060712_065328_000000422049_00221_22820_9886.N1	12-JUL-2006 06:53:28	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22820	No
78	GOM_NL__2PRFIN20060712_065719_000000362049_00221_22820_9887.N1	12-JUL-2006 06:57:19	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22820	No
79	GOM_NL__2PRFIN20060712_070101_000000392049_00221_22820_9888.N1	12-JUL-2006 07:01:01	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	22820	No
80	GOM_NL__2PRFIN20060712_070502_000000402049_00221_22820_9889.N1	12-JUL-2006 07:05:02	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22820	No
81	GOM_NL__2PRFIN20060712_071125_000000422049_00221_22820_9890.N1	12-JUL-2006 07:11:25	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22820	No
82	GOM_NL__2PRFIN20060712_071305_000000402049_00221_22820_9891.N1	12-JUL-2006 07:13:05	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	22820	No
83	GOM_NL__2PRFIN20060712_071435_000000412049_00221_22820_9892.N1	12-JUL-2006 07:14:35	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	22820	No
84	GOM_NL__2PRFIN20060712_071544_000000412049_00221_22820_9893.N1	12-JUL-2006 07:15:44	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	22820	No
85	GOM_NL__2PRFIN20060712_071915_000000382049_00221_22820_9894.N1	12-JUL-2006 07:19:15	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	22820	No
86	GOM_NL__2PRFIN20060712_072434_000000362049_00221_22820_9895.N1	12-JUL-2006 07:24:34	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22820	No
87	GOM_NL__2PRFIN20060712_072652_000000342049_00221_22820_9896.N1	12-JUL-2006 07:26:52	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	22820	No
88	GOM_NL__2PRFIN20060712_073238_000000362049_00221_22820_9897.N1	12-JUL-2006 07:32:38	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22820	No
89	GOM_NL__2PRFIN20060712_073752_000000382049_00221_22820_9898.N1	12-JUL-2006 07:37:52	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	22820	No
90	GOM_NL__2PRFIN20060712_074053_000000362049_00221_22820_9899.N1	12-JUL-2006 07:40:53	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22820	No
91	GOM_NL__2PRFIN20060712_074504_000000342049_00221_22820_9900.N1	12-JUL-2006 07:45:04	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22820	No
92	GOM_NL__2PRFIN20060712_074849_000000362049_00221_22820_9901.N1	12-JUL-2006 07:48:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22820	No
93	GOM_NL__2PRFIN20060712_080952_000000382049_00221_22820_9902.N1	12-JUL-2006 08:09:52	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	22820	No
94	GOM_NL__2PRFIN20060712_081613_000000392049_00221_22820_9903.N1	12-JUL-2006 08:16:13	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22820	No
95	GOM_NL__2PRFIN20060712_081903_000000462049_00221_22820_9904.N1	12-JUL-2006 08:19:03	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	22820	No
96	GOM_NL__2PRFIN20060712_082753_000000412049_00221_22820_9905.N1	12-JUL-2006 08:27:53	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22820	No
97	GOM_NL__2PRFIN20060712_083404_000000402049_00222_22821_9906.N1	12-JUL-2006 08:34:04	Dark	40.000	9	Alp Eri	0.45300	24000.	80	22821	No
98	GOM_NL__2PRFIN20060712_083755_000000362049_00222_22821_9907.N1	12-JUL-2006 08:37:55	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	22821	No
99	GOM_NL__2PRFIN20060712_084138_000000392049_00222_22821_9908.N1	12-JUL-2006 08:41:38	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	22821	No
100	GOM_NL__2PRFIN20060712_084539_000000422049_00222_22821_9909.N1	12-JUL-2006 08:45:39	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22821	No
101	GOM_NL__2PRFIN20060712_085202_000000422049_00222_22821_9910.N1	12-JUL-2006 08:52:02	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	22821	No

102	GOM_NL__2PRFIN20060712_085341_000000412049_00222_22821_9911.N1	12-JUL-2006 08:53:41	Bright	41.000	25	35Lam Sco	1.6200	28000.	82	22821	No
103	GOM_NL__2PRFIN20060712_085511_000000412049_00222_22821_9912.N1	12-JUL-2006 08:55:11	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	22821	No
104	GOM_NL__2PRFIN20060712_085621_000000392049_00222_22821_9913.N1	12-JUL-2006 08:56:21	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	22821	No
105	GOM_NL__2PRFIN20060712_085951_000000362049_00222_22821_9914.N1	12-JUL-2006 08:59:51	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22821	No
106	GOM_NL__2PRFIN20060712_090510_000000362049_00222_22821_9915.N1	12-JUL-2006 09:05:10	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22821	No
107	GOM_NL__2PRFIN20060712_090728_000000352049_00222_22821_9916.N1	12-JUL-2006 09:07:28	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22821	No
108	GOM_NL__2PRFIN20060712_091314_000000362049_00222_22821_9917.N1	12-JUL-2006 09:13:14	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22821	No
109	GOM_NL__2PRFIN20060712_091828_000000382049_00222_22821_9918.N1	12-JUL-2006 09:18:28	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22821	No
110	GOM_NL__2PRFIN20060712_092129_000000362049_00222_22821_9919.N1	12-JUL-2006 09:21:29	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22821	No
111	GOM_NL__2PRFIN20060712_092540_000000352049_00222_22821_9920.N1	12-JUL-2006 09:25:40	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22821	No
112	GOM_NL__2PRFIN20060712_092925_000000362049_00222_22821_9921.N1	12-JUL-2006 09:29:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22821	No
113	GOM_NL__2PRFIN20060712_095027_000000512049_00222_22821_9922.N1	12-JUL-2006 09:50:27	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	22821	No
114	GOM_NL__2PRFIN20060712_095649_000000422049_00222_22821_9923.N1	12-JUL-2006 09:56:49	Dark	41.500	7	19Bet Ori	0.10000	14000.	83	22821	No
115	GOM_NL__2PRFIN20060712_095939_000000472049_00222_22821_9924.N1	12-JUL-2006 09:59:39	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	22821	No
116	GOM_NL__2PRFIN20060712_100830_000000432049_00222_22821_9925.N1	12-JUL-2006 10:08:30	Dark	42.500	157	The1Eri	2.9060	9300.0	85	22821	No
117	GOM_NL__2PRFIN20060712_101441_000000502049_00223_22822_9906.N1	12-JUL-2006 10:14:41	Dark	50.000	9	Alp Eri	0.45300	24000.	100	22822	No
118	GOM_NL__2PRFIN20060712_101831_000000372049_00223_22822_9907.N1	12-JUL-2006 10:18:31	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22822	No
119	GOM_NL__2PRFIN20060712_102214_000000402049_00223_22822_9908.N1	12-JUL-2006 10:22:14	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22822	No
120	GOM_NL__2PRFIN20060712_102615_000000382049_00223_22822_9909.N1	12-JUL-2006 10:26:15	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	22822	No
121	GOM_NL__2PRFIN20060712_103237_000000422049_00223_22822_9910.N1	12-JUL-2006 10:32:37	Twilight	42.000	40	The Sco	1.8590	7100.0	84	22822	No
122	GOM_NL__2PRFIN20060712_103417_000000392049_00223_22822_9911.N1	12-JUL-2006 10:34:17	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	22822	No
123	GOM_NL__2PRFIN20060712_103547_000000412049_00223_22822_9912.N1	12-JUL-2006 10:35:47	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	22822	No
124	GOM_NL__2PRFIN20060712_103657_000000392049_00223_22822_9913.N1	12-JUL-2006 10:36:57	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22822	No
125	GOM_NL__2PRFIN20060712_104027_000000372049_00223_22822_9914.N1	12-JUL-2006 10:40:27	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	22822	No
126	GOM_NL__2PRFIN20060712_104546_000000362049_00223_22822_9915.N1	12-JUL-2006 10:45:46	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22822	No
127	GOM_NL__2PRFIN20060712_104804_000000352049_00223_22822_9916.N1	12-JUL-2006 10:48:04	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	22822	No
128	GOM_NL__2PRFIN20060712_105350_000000362049_00223_22822_9917.N1	12-JUL-2006 10:53:50	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22822	No
129	GOM_NL__2PRFIN20060712_105904_000000392049_00223_22822_9918.N1	12-JUL-2006 10:59:04	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22822	No
130	GOM_NL__2PRFIN20060712_110205_000000362049_00223_22822_9919.N1	12-JUL-2006 11:02:05	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22822	No
131	GOM_NL__2PRFIN20060712_110616_000000342049_00223_22822_9920.N1	12-JUL-2006 11:06:16	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	22822	No
132	GOM_NL__2PRFIN20060712_111001_000000362049_00223_22822_9921.N1	12-JUL-2006 11:10:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22822	No
133	GOM_NL__2PRFIN20060712_113104_000000492049_00223_22822_9922.N1	12-JUL-2006 11:31:04	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	22822	No
134	GOM_NL__2PRFIN20060712_113725_000000482049_00223_22822_9923.N1	12-JUL-2006 11:37:25	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	22822	No
135	GOM_NL__2PRFIN20060712_114015_000000452049_00223_22822_9924.N1	12-JUL-2006 11:40:15	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22822	No
136	GOM_NL__2PRFIN20060712_114906_000000392049_00223_22822_9925.N1	12-JUL-2006 11:49:06	Dark	39.000	157	The1Eri	2.9060	9300.0	78	22822	No
137	GOM_NL__2PRFIN20060712_115517_000000412049_00224_22823_9906.N1	12-JUL-2006 11:55:17	Dark	40.500	9	Alp Eri	0.45300	24000.	81	22823	No
138	GOM_NL__2PRFIN20060712_115908_000000372049_00224_22823_9907.N1	12-JUL-2006 11:59:08	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22823	No
139	GOM_NL__2PRFIN20060712_120251_000000402049_00224_22823_9908.N1	12-JUL-2006 12:02:51	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22823	No
140	GOM_NL__2PRFIN20060712_120651_000000412049_00224_22823_9909.N1	12-JUL-2006 12:06:51	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22823	No
141	GOM_NL__2PRFIN20060712_121313_000000442049_00224_22823_9910.N1	12-JUL-2006 12:13:13	Twilight	43.500	40	The Sco	1.8590	7100.0	87	22823	No
142	GOM_NL__2PRFIN20060712_121453_000000402049_00224_22823_9911.N1	12-JUL-2006 12:14:53	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	22823	No
143	GOM_NL__2PRFIN20060712_121623_000000392049_00224_22823_9912.N1	12-JUL-2006 12:16:23	Bright	39.000	116	19Del Sgr	2.7000	4100.0	78	22823	No
144	GOM_NL__2PRFIN20060712_121733_000000382049_00224_22823_9913.N1	12-JUL-2006 12:17:33	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	22823	No
145	GOM_NL__2PRFIN20060712_122103_000000362049_00224_22823_9914.N1	12-JUL-2006 12:21:03	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	22823	No
146	GOM_NL__2PRFIN20060712_122622_000000362049_00224_22823_9915.N1	12-JUL-2006 12:26:22	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	22823	No
147	GOM_NL__2PRFIN20060712_122840_000000362049_00224_22823_9916.N1	12-JUL-2006 12:28:40	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22823	No
148	GOM_NL__2PRFIN20060712_123426_000000382049_00224_22823_9917.N1	12-JUL-2006 12:34:26	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	22823	No
149	GOM_NL__2PRFIN20060712_123940_000000392049_00224_22823_9918.N1	12-JUL-2006 12:39:40	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	22823	No
150	GOM_NL__2PRFIN20060712_124241_000000372049_00224_22823_9919.N1	12-JUL-2006 12:42:41	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22823	No
151	GOM_NL__2PRFIN20060712_124652_000000362049_00224_22823_9920.N1	12-JUL-2006 12:46:52	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22823	No
152	GOM_NL__2PRFIN20060712_125037_000000362049_00224_22823_9921.N1	12-JUL-2006 12:50:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22823	No
153	GOM_NL__2PRFIN20060712_131140_000000512049_00224_22823_9922.N1	12-JUL-2006 13:11:40	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	22823	No
154	GOM_NL__2PRFIN20060712_131801_000000432049_00224_22823_9923.N1	12-JUL-2006 13:18:01	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22823	No
155	GOM_NL__2PRFIN20060712_132052_000000472049_00224_22823_9924.N1	12-JUL-2006 13:20:52	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	22823	No
156	GOM_NL__2PRFIN20060712_132943_000000412049_00224_22823_9925.N1	12-JUL-2006 13:29:43	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22823	No
157	GOM_NL__2PRFIN20060712_133554_000000422049_00225_22824_9906.N1	12-JUL-2006 13:35:54	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22824	No
158	GOM_NL__2PRFIN20060712_133944_000000372049_00225_22824_9907.N1	12-JUL-2006 13:39:44	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22824	No
159	GOM_NL__2PRFIN20060712_134327_000000412049_00225_22824_9908.N1	12-JUL-2006 13:43:27	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22824	No
160	GOM_NL__2PRFIN20060712_134727_000000412049_00225_22824_9909.N1	12-JUL-2006 13:47:27	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	22824	No

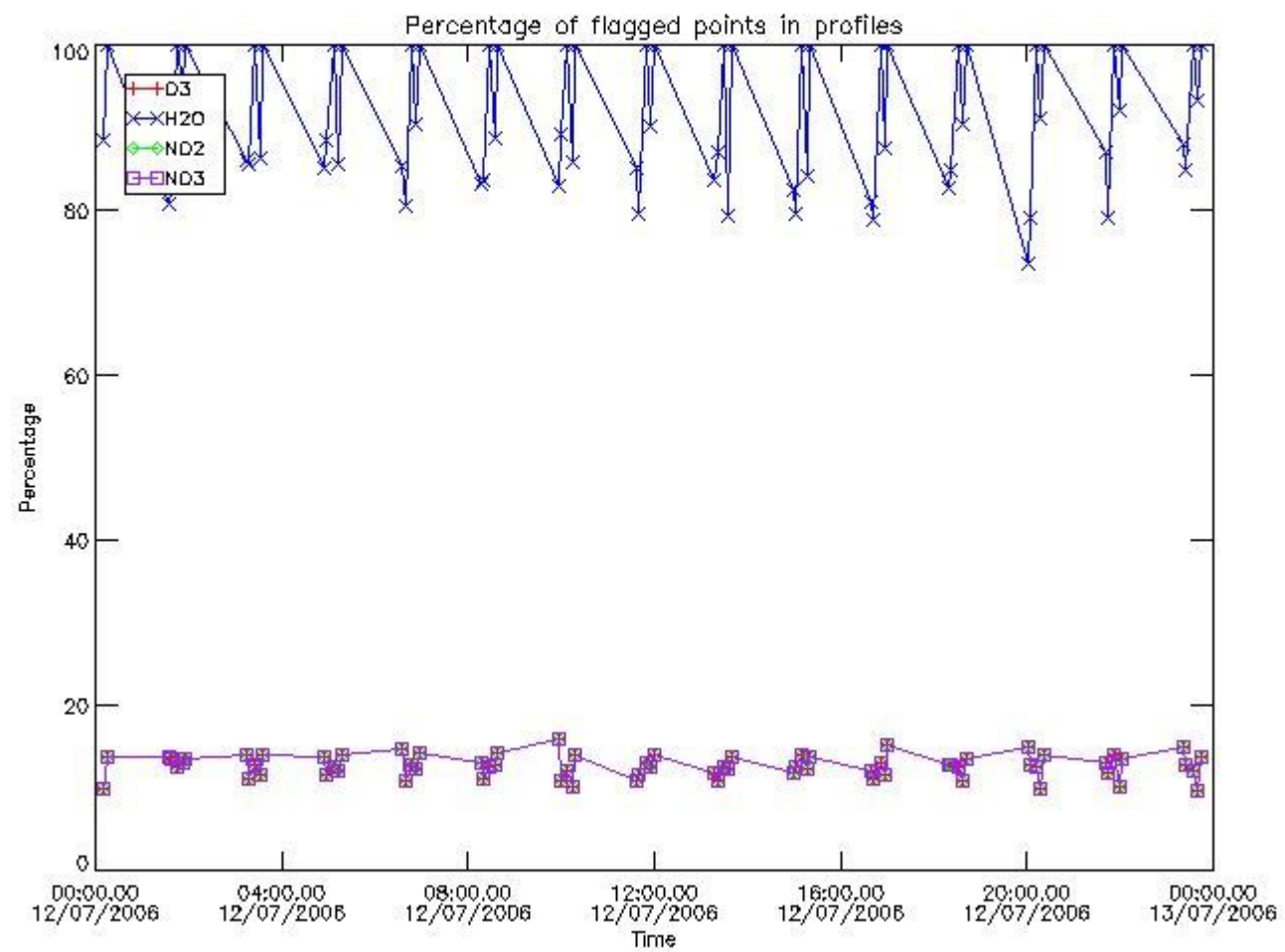
161	GOM_NL_2PRFIN20060712_135350_000000422049_00225_22824_9910.N1	12-JUL-2006 13:53:50	Twilight	42.000	40	The Sco	1.8590	7100.0	84	22824	No
162	GOM_NL_2PRFIN20060712_135529_000000392049_00225_22824_9911.N1	12-JUL-2006 13:55:29	Bright	39.000	25	35Lam Sco	1.6200	28000.	78	22824	No
163	GOM_NL_2PRFIN20060712_135659_000000392049_00225_22824_9912.N1	12-JUL-2006 13:56:59	Bright	39.000	116	19Del Sgr	2.7000	4100.0	78	22824	No
164	GOM_NL_2PRFIN20060712_135809_000000392049_00225_22824_9913.N1	12-JUL-2006 13:58:09	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22824	No
165	GOM_NL_2PRFIN20060712_140658_000000352049_00225_22824_9914.N1	12-JUL-2006 14:06:58	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22824	No
166	GOM_NL_2PRFIN20060712_140915_000000352049_00225_22824_9915.N1	12-JUL-2006 14:09:15	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22824	No
167	GOM_NL_2PRFIN20060712_141502_000000342049_00225_22824_9916.N1	12-JUL-2006 14:15:02	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	22824	No
168	GOM_NL_2PRFIN20060712_142016_000000372049_00225_22824_9917.N1	12-JUL-2006 14:20:16	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22824	No
169	GOM_NL_2PRFIN20060712_142317_000000372049_00225_22824_9918.N1	12-JUL-2006 14:23:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22824	No
170	GOM_NL_2PRFIN20060712_142728_000000472049_00225_22824_9919.N1	12-JUL-2006 14:27:28	Bright	47.000	60	7Bet UMi	2.0810	3950.0	94	22824	No
171	GOM_NL_2PRFIN20060712_143113_000000362049_00225_22824_9920.N1	12-JUL-2006 14:31:13	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	22824	No
172	GOM_NL_2PRFIN20060712_145216_000000512049_00225_22824_9921.N1	12-JUL-2006 14:52:16	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	22824	No
173	GOM_NL_2PRFIN20060712_145838_000000432049_00225_22824_9922.N1	12-JUL-2006 14:58:38	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	22824	No
174	GOM_NL_2PRFIN20060712_150128_000000452049_00225_22824_9923.N1	12-JUL-2006 15:01:28	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	22824	No
175	GOM_NL_2PRFIN20060712_151019_000000402049_00225_22824_9924.N1	12-JUL-2006 15:10:19	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22824	No
176	GOM_NL_2PRFIN20060712_151630_000000422049_00226_22825_9906.N1	12-JUL-2006 15:16:30	Dark	41.500	9	Alp Eri	0.45300	24000.	83	22825	No
177	GOM_NL_2PRFIN20060712_152020_000000372049_00226_22825_9907.N1	12-JUL-2006 15:20:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22825	No
178	GOM_NL_2PRFIN20060712_152404_000000412049_00226_22825_9908.N1	12-JUL-2006 15:24:04	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22825	No
179	GOM_NL_2PRFIN20060712_152804_000000402049_00226_22825_9909.N1	12-JUL-2006 15:28:04	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22825	No
180	GOM_NL_2PRFIN20060712_153426_000000442049_00226_22825_9910.N1	12-JUL-2006 15:34:26	Twilight	43.500	40	The Sco	1.8590	7100.0	87	22825	No
181	GOM_NL_2PRFIN20060712_153606_000000422049_00226_22825_9911.N1	12-JUL-2006 15:36:06	Bright	42.000	25	35Lam Sco	1.6200	28000.	84	22825	No
182	GOM_NL_2PRFIN20060712_153735_000000402049_00226_22825_9912.N1	12-JUL-2006 15:37:35	Bright	40.000	116	19Del Sgr	2.7000	4100.0	80	22825	No
183	GOM_NL_2PRFIN20060712_153845_000000402049_00226_22825_9913.N1	12-JUL-2006 15:38:45	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22825	No
184	GOM_NL_2PRFIN20060712_154734_000000362049_00226_22825_9914.N1	12-JUL-2006 15:47:34	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22825	No
185	GOM_NL_2PRFIN20060712_154952_000000352049_00226_22825_9915.N1	12-JUL-2006 15:49:52	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	22825	No
186	GOM_NL_2PRFIN20060712_155538_000000352049_00226_22825_9916.N1	12-JUL-2006 15:55:38	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	22825	No
187	GOM_NL_2PRFIN20060712_160052_000000352049_00226_22825_9917.N1	12-JUL-2006 16:00:52	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22825	No
188	GOM_NL_2PRFIN20060712_160353_000000342049_00226_22825_9918.N1	12-JUL-2006 16:03:53	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	22825	No
189	GOM_NL_2PRFIN20060712_160805_000000342049_00226_22825_9919.N1	12-JUL-2006 16:08:05	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	22825	No
190	GOM_NL_2PRFIN20060712_161149_000000362049_00226_22825_9920.N1	12-JUL-2006 16:11:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22825	No
191	GOM_NL_2PRFIN20060712_163252_000000472049_00226_22825_9921.N1	12-JUL-2006 16:32:52	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	22825	No
192	GOM_NL_2PRFIN20060712_163913_000000432049_00226_22825_9922.N1	12-JUL-2006 16:39:13	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	22825	No
193	GOM_NL_2PRFIN20060712_164205_000000462049_00226_22825_9923.N1	12-JUL-2006 16:42:05	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	22825	No
194	GOM_NL_2PRFIN20060712_165056_000000402049_00226_22825_9924.N1	12-JUL-2006 16:50:56	Dark	39.500	157	The1Eri	2.9060	9300.0	79	22825	No
195	GOM_NL_2PRFIN20060712_165707_000000452049_00227_22826_9906.N1	12-JUL-2006 16:57:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	22826	No
196	GOM_NL_2PRFIN20060712_170056_000000372049_00227_22826_9907.N1	12-JUL-2006 17:00:56	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22826	No
197	GOM_NL_2PRFIN20060712_170440_000000412049_00227_22826_9908.N1	12-JUL-2006 17:04:40	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	22826	No
198	GOM_NL_2PRFIN20060712_170840_000000402049_00227_22826_9909.N1	12-JUL-2006 17:08:40	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22826	No
199	GOM_NL_2PRFIN20060712_171502_000000432049_00227_22826_9910.N1	12-JUL-2006 17:15:02	Twilight	42.500	40	The Sco	1.8590	7100.0	85	22826	No
200	GOM_NL_2PRFIN20060712_171642_000000412049_00227_22826_9911.N1	12-JUL-2006 17:16:42	Bright	41.000	25	35Lam Sco	1.6200	28000.	82	22826	No
201	GOM_NL_2PRFIN20060712_171812_000000392049_00227_22826_9912.N1	12-JUL-2006 17:18:12	Bright	39.000	116	19Del Sgr	2.7000	4100.0	78	22826	No
202	GOM_NL_2PRFIN20060712_171921_000000402049_00227_22826_9913.N1	12-JUL-2006 17:19:21	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	22826	No
203	GOM_NL_2PRFIN20060712_172810_000000362049_00227_22826_9914.N1	12-JUL-2006 17:28:10	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	22826	No
204	GOM_NL_2PRFIN20060712_173028_000000382049_00227_22826_9915.N1	12-JUL-2006 17:30:28	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	22826	No
205	GOM_NL_2PRFIN20060712_173615_000000362049_00227_22826_9916.N1	12-JUL-2006 17:36:15	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	22826	No
206	GOM_NL_2PRFIN20060712_174127_000000382049_00227_22826_9917.N1	12-JUL-2006 17:41:27	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22826	No
207	GOM_NL_2PRFIN20060712_174429_000000372049_00227_22826_9918.N1	12-JUL-2006 17:44:29	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22826	No
208	GOM_NL_2PRFIN20060712_174841_000000332049_00227_22826_9919.N1	12-JUL-2006 17:48:41	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22826	No
209	GOM_NL_2PRFIN20060712_175225_000000522049_00227_22826_9920.N1	12-JUL-2006 17:52:25	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	22826	No
210	GOM_NL_2PRFIN20060712_181328_000000492049_00227_22826_9921.N1	12-JUL-2006 18:13:28	Twilight	48.500	13	87Alp Tau	0.86700	3800.0	97	22826	No
211	GOM_NL_2PRFIN20060712_181950_000000442049_00227_22826_9922.N1	12-JUL-2006 18:19:50	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	22826	No
212	GOM_NL_2PRFIN20060712_182241_000000442049_00227_22826_9923.N1	12-JUL-2006 18:22:41	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22826	No
213	GOM_NL_2PRFIN20060712_183133_000000412049_00227_22826_9924.N1	12-JUL-2006 18:31:33	Dark	41.000	157	The1Eri	2.9060	9300.0	82	22826	No
214	GOM_NL_2PRFIN20060712_183743_000000482049_00228_22827_9906.N1	12-JUL-2006 18:37:43	Dark	47.500	9	Alp Eri	0.45300	24000.	95	22827	No
215	GOM_NL_2PRFIN20060712_184132_000000382049_00228_22827_9907.N1	12-JUL-2006 18:41:32	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22827	No
216	GOM_NL_2PRFIN20060712_184517_000000402049_00228_22827_9908.N1	12-JUL-2006 18:45:17	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	22827	No
217	GOM_NL_2PRFIN20060712_184917_000000402049_00228_22827_9909.N1	12-JUL-2006 18:49:17	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22827	No
218	GOM_NL_2PRFIN20060712_185538_000000442049_00228_22827_9910.N1	12-JUL-2006 18:55:38	Twilight	43.500	40	The Sco	1.8590	7100.0	87	22827	No
219	GOM_NL_2PRFIN20060712_185718_000000432049_00228_22827_9911.N1	12-JUL-2006 18:57:18	Bright	42.500	25	35Lam Sco	1.6200	28000.	85	22827	No

220	GOM_NL__2PRFIN20060712_185848_000000412049_00228_22827_9912.N1	12-JUL-2006 18:58:48	Bright	40.500	116	19Del Sgr	2.7000	4100.0	81	22827	No
221	GOM_NL__2PRFIN20060712_185957_000000382049_00228_22827_9913.N1	12-JUL-2006 18:59:57	Bright	38.000	137	22Lam Sgr	2.8240	4400.0	76	22827	No
222	GOM_NL__2PRFIN20060712_190847_000000352049_00228_22827_9914.N1	12-JUL-2006 19:08:47	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22827	No
223	GOM_NL__2PRFIN20060712_191104_000000372049_00228_22827_9915.N1	12-JUL-2006 19:11:04	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	22827	No
224	GOM_NL__2PRFIN20060712_191651_000000352049_00228_22827_9916.N1	12-JUL-2006 19:16:51	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	22827	No
225	GOM_NL__2PRFIN20060712_192203_000000382049_00228_22827_9917.N1	12-JUL-2006 19:22:03	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	22827	No
226	GOM_NL__2PRFIN20060712_192505_000000372049_00228_22827_9918.N1	12-JUL-2006 19:25:05	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22827	No
227	GOM_NL__2PRFIN20060712_192917_000000372049_00228_22827_9919.N1	12-JUL-2006 19:29:17	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	22827	No
228	GOM_NL__2PRFIN20060712_193301_000000352049_00228_22827_9920.N1	12-JUL-2006 19:33:01	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	22827	No
229	GOM_NL__2PRFIN20060712_195405_000000532049_00228_22827_9921.N1	12-JUL-2006 19:54:05	Twilight	53.000	13	87Alp Tau	0.86700	3800.0	106	22827	No
230	GOM_NL__2PRFIN20060712_200026_000000442049_00228_22827_9922.N1	12-JUL-2006 20:00:26	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	22827	No
231	GOM_NL__2PRFIN20060712_200318_000000442049_00228_22827_9923.N1	12-JUL-2006 20:03:18	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22827	No
232	GOM_NL__2PRFIN20060712_201209_000000412049_00228_22827_9924.N1	12-JUL-2006 20:12:09	Dark	40.500	157	The1Eri	2.9060	9300.0	81	22827	No
233	GOM_NL__2PRFIN20060712_201820_000000522049_00229_22828_9906.N1	12-JUL-2006 20:18:20	Dark	51.500	9	Alp Eri	0.45300	24000.	103	22828	No
234	GOM_NL__2PRFIN20060712_202209_000000372049_00229_22828_9907.N1	12-JUL-2006 20:22:09	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	22828	No
235	GOM_NL__2PRFIN20060712_202553_000000402049_00229_22828_9908.N1	12-JUL-2006 20:25:53	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	22828	No
236	GOM_NL__2PRFIN20060712_202953_000000402049_00229_22828_9909.N1	12-JUL-2006 20:29:53	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22828	No
237	GOM_NL__2PRFIN20060712_203614_000000422049_00229_22828_9910.N1	12-JUL-2006 20:36:14	Twilight	42.000	40	The Sco	1.8590	7100.0	84	22828	No
238	GOM_NL__2PRFIN20060712_203754_000000402049_00229_22828_9911.N1	12-JUL-2006 20:37:54	Bright	39.500	25	35Lam Sco	1.6200	28000.	79	22828	No
239	GOM_NL__2PRFIN20060712_203924_000000382049_00229_22828_9912.N1	12-JUL-2006 20:39:24	Bright	37.500	116	19Del Sgr	2.7000	4100.0	75	22828	No
240	GOM_NL__2PRFIN20060712_204033_000000392049_00229_22828_9913.N1	12-JUL-2006 20:40:33	Bright	39.000	137	22Lam Sgr	2.8240	4400.0	78	22828	No
241	GOM_NL__2PRFIN20060712_204922_000000352049_00229_22828_9914.N1	12-JUL-2006 20:49:22	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22828	No
242	GOM_NL__2PRFIN20060712_205140_000000362049_00229_22828_9915.N1	12-JUL-2006 20:51:40	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22828	No
243	GOM_NL__2PRFIN20060712_205727_000000372049_00229_22828_9916.N1	12-JUL-2006 20:57:27	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	22828	No
244	GOM_NL__2PRFIN20060712_210239_000000372049_00229_22828_9917.N1	12-JUL-2006 21:02:39	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	22828	No
245	GOM_NL__2PRFIN20060712_210541_000000362049_00229_22828_9918.N1	12-JUL-2006 21:05:41	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22828	No
246	GOM_NL__2PRFIN20060712_210953_000000332049_00229_22828_9919.N1	12-JUL-2006 21:09:53	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	22828	No
247	GOM_NL__2PRFIN20060712_211337_000000362049_00229_22828_9920.N1	12-JUL-2006 21:13:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22828	No
248	GOM_NL__2PRFIN20060712_213441_000000452049_00229_22828_9921.N1	12-JUL-2006 21:34:41	Twilight	45.000	13	87Alp Tau	0.86700	3800.0	90	22828	No
249	GOM_NL__2PRFIN20060712_214102_000000392049_00229_22828_9922.N1	12-JUL-2006 21:41:02	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	22828	No
250	GOM_NL__2PRFIN20060712_214354_000000442049_00229_22828_9923.N1	12-JUL-2006 21:43:54	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22828	No
251	GOM_NL__2PRFIN20060712_215246_000000402049_00229_22828_9924.N1	12-JUL-2006 21:52:46	Dark	40.000	157	The1Eri	2.9060	9300.0	80	22828	No
252	GOM_NL__2PRFIN20060712_215856_000000512049_00230_22829_9906.N1	12-JUL-2006 21:58:56	Dark	50.500	9	Alp Eri	0.45300	24000.	101	22829	No
253	GOM_NL__2PRFIN20060712_220245_000000382049_00230_22829_9907.N1	12-JUL-2006 22:02:45	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	22829	No
254	GOM_NL__2PRFIN20060712_220630_000000412049_00230_22829_9908.N1	12-JUL-2006 22:06:30	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22829	No
255	GOM_NL__2PRFIN20060712_221029_000000402049_00230_22829_9909.N1	12-JUL-2006 22:10:29	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22829	No
256	GOM_NL__2PRFIN20060712_221650_000000412049_00230_22829_9910.N1	12-JUL-2006 22:16:50	Twilight	41.000	40	The Sco	1.8590	7100.0	82	22829	No
257	GOM_NL__2PRFIN20060712_221830_000000402049_00230_22829_9911.N1	12-JUL-2006 22:18:30	Bright	40.000	25	35Lam Sco	1.6200	28000.	80	22829	No
258	GOM_NL__2PRFIN20060712_222000_000000412049_00230_22829_9912.N1	12-JUL-2006 22:20:00	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	22829	No
259	GOM_NL__2PRFIN20060712_222109_000000392049_00230_22829_9913.N1	12-JUL-2006 22:21:09	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	22829	No
260	GOM_NL__2PRFIN20060712_222959_000000352049_00230_22829_9914.N1	12-JUL-2006 22:29:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	22829	No
261	GOM_NL__2PRFIN20060712_223216_000000362049_00230_22829_9915.N1	12-JUL-2006 22:32:16	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	22829	No
262	GOM_NL__2PRFIN20060712_223803_000000362049_00230_22829_9916.N1	12-JUL-2006 22:38:03	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	22829	No
263	GOM_NL__2PRFIN20060712_224315_000000352049_00230_22829_9917.N1	12-JUL-2006 22:43:15	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	22829	No
264	GOM_NL__2PRFIN20060712_224617_000000372049_00230_22829_9918.N1	12-JUL-2006 22:46:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22829	No
265	GOM_NL__2PRFIN20060712_225029_000000362049_00230_22829_9919.N1	12-JUL-2006 22:50:29	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22829	No
266	GOM_NL__2PRFIN20060712_225413_000000362049_00230_22829_9920.N1	12-JUL-2006 22:54:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	22829	No
267	GOM_NL__2PRFIN20060712_231517_000000462049_00230_22829_9921.N1	12-JUL-2006 23:15:17	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	22829	No
268	GOM_NL__2PRFIN20060712_232138_000000382049_00230_22829_9922.N1	12-JUL-2006 23:21:38	Dark	37.500	7	19Bet Ori	0.10000	14000.	75	22829	No
269	GOM_NL__2PRFIN20060712_232430_000000442049_00230_22829_9923.N1	12-JUL-2006 23:24:30	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	22829	No
270	GOM_NL__2PRFIN20060712_233322_000000422049_00230_22829_9924.N1	12-JUL-2006 23:33:22	Dark	42.000	157	The1Eri	2.9060	9300.0	84	22829	No
271	GOM_NL__2PRFIN20060712_233933_000000532049_00231_22830_9906.N1	12-JUL-2006 23:39:33	Dark	52.500	9	Alp Eri	0.45300	24000.	105	22830	No
272	GOM_NL__2PRFIN20060712_234321_000000372049_00231_22830_9907.N1	12-JUL-2006 23:43:21	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	22830	No
273	GOM_NL__2PRFIN20060712_234706_000000412049_00231_22830_9908.N1	12-JUL-2006 23:47:06	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	22830	No
274	GOM_NL__2PRFIN20060712_235105_000000402049_00231_22830_9909.N1	12-JUL-2006 23:51:05	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	22830	No
275	GOM_NL__2PRFIN20060712_235726_000000282049_00231_22830_9910.N1	12-JUL-2006 23:57:26	Twilight	28.000	40	The Sco	1.8590	7100.0	56	22830	No

3. Quality information per product

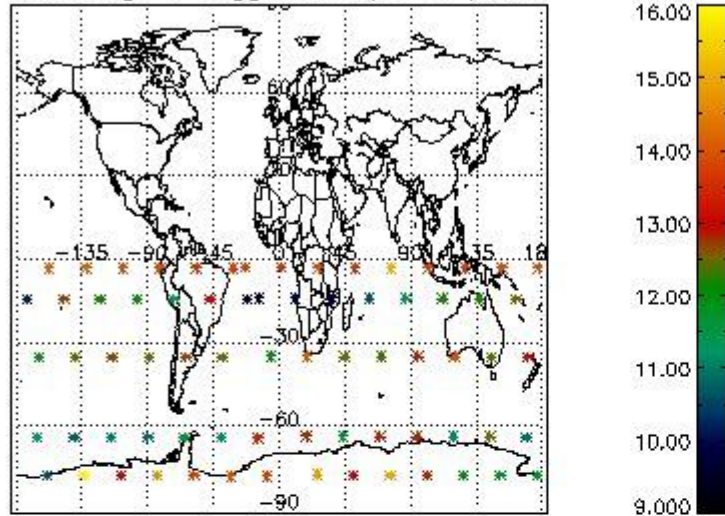
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

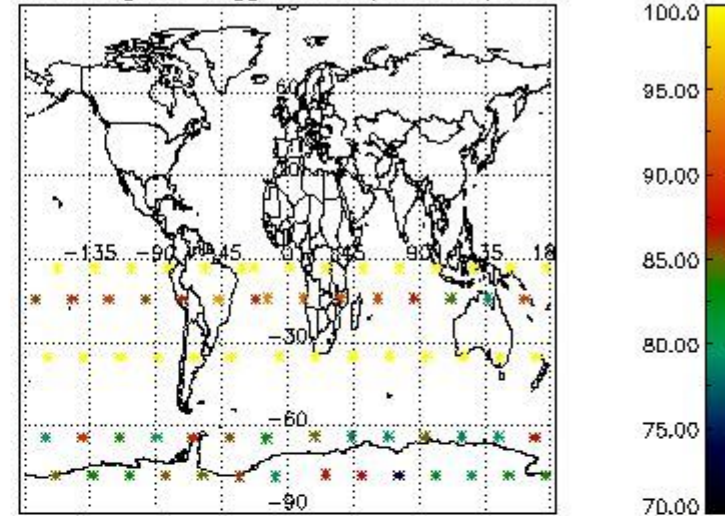


3.2 Plot quality information per product (world map)

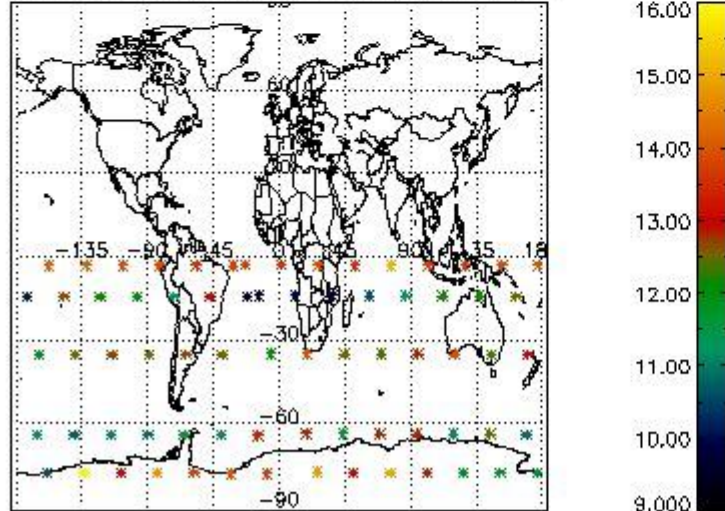
Percentage of flagged data per O3 profile



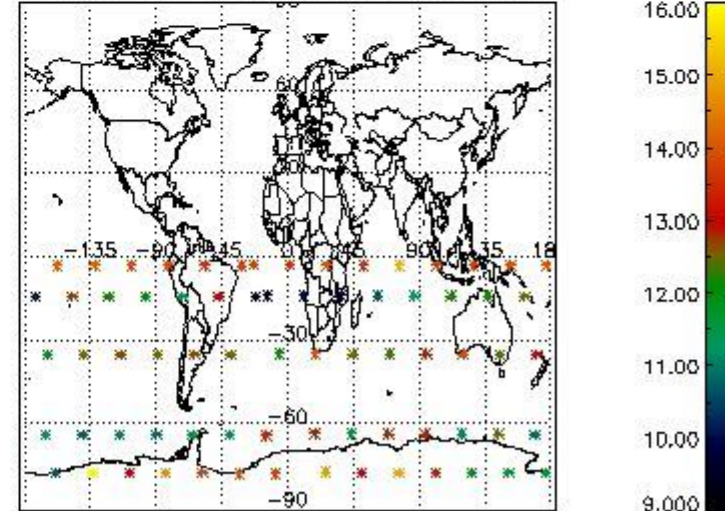
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

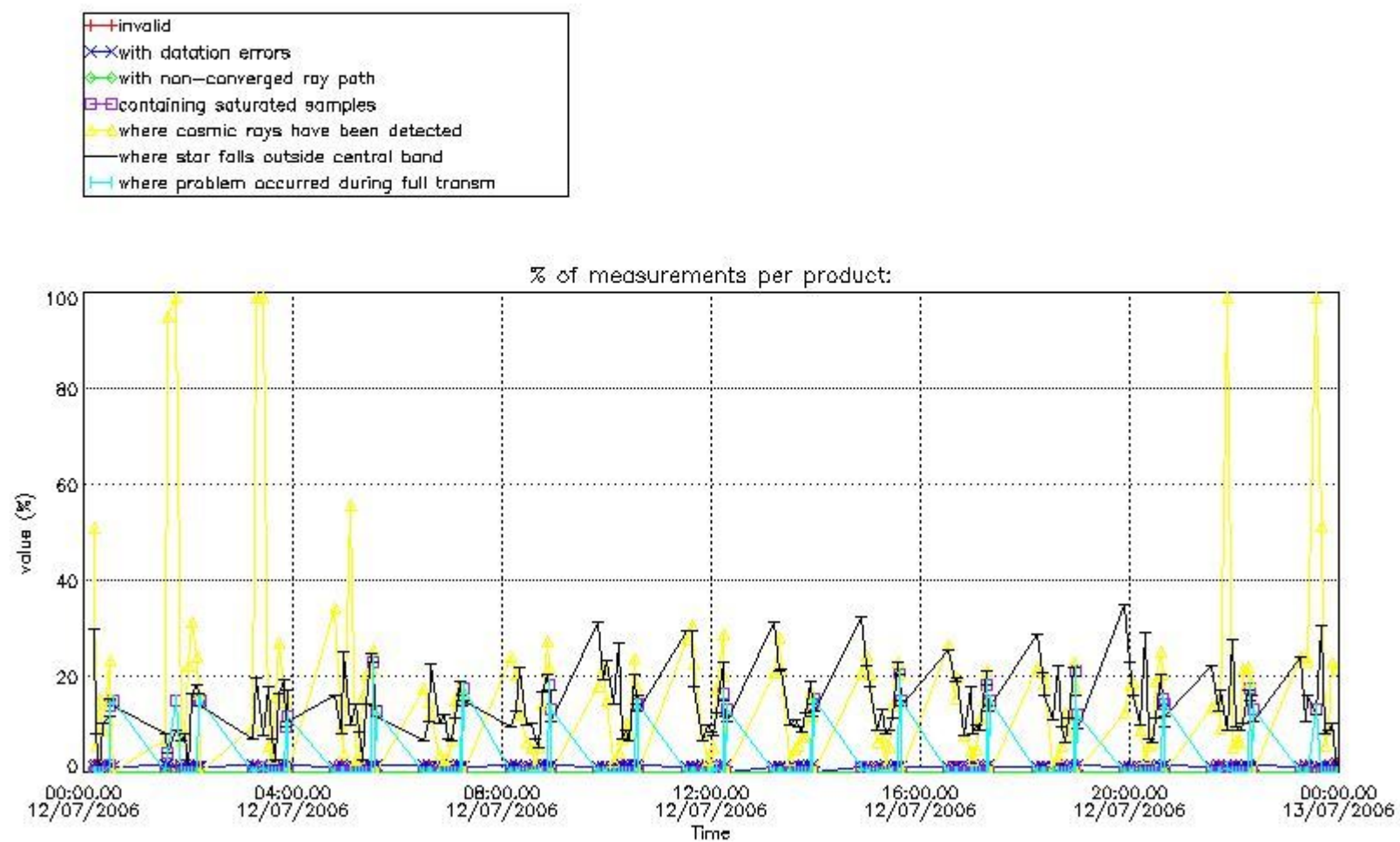


4. Level 1 quality information per product

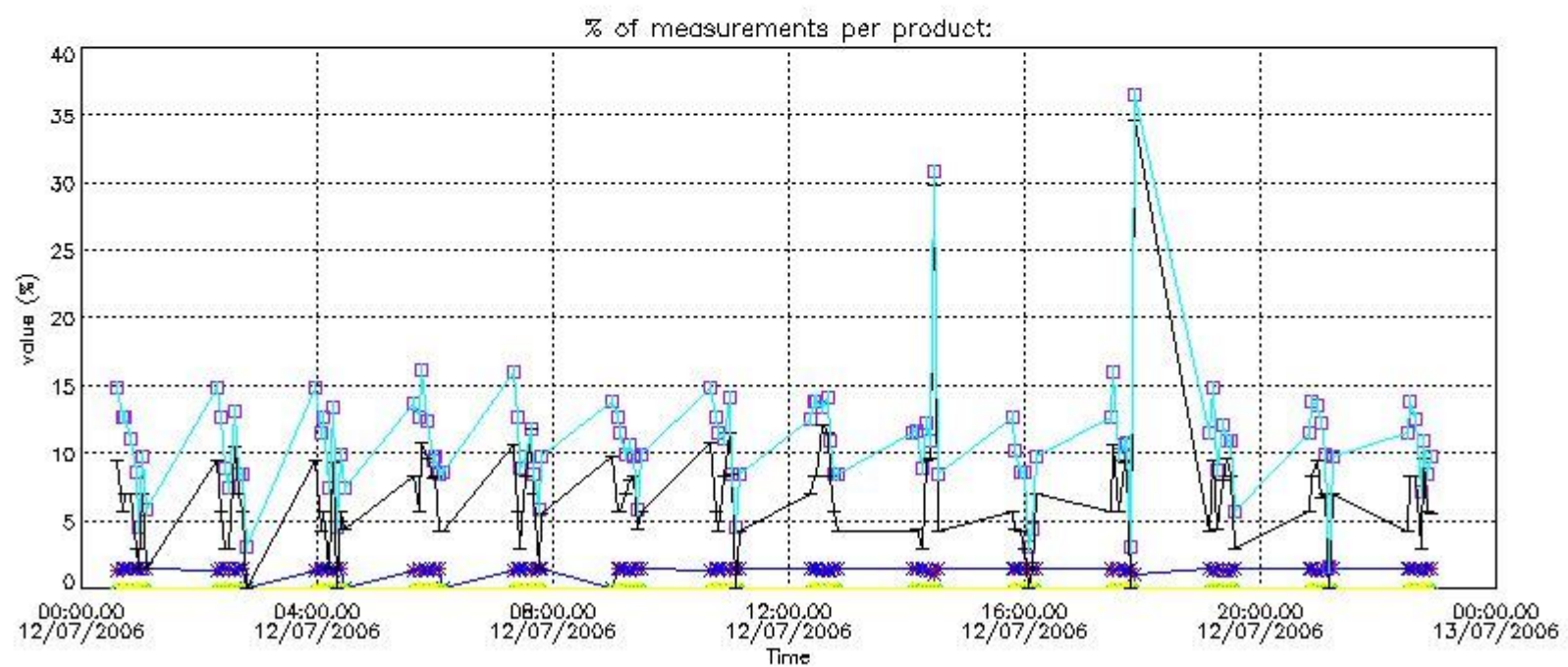
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



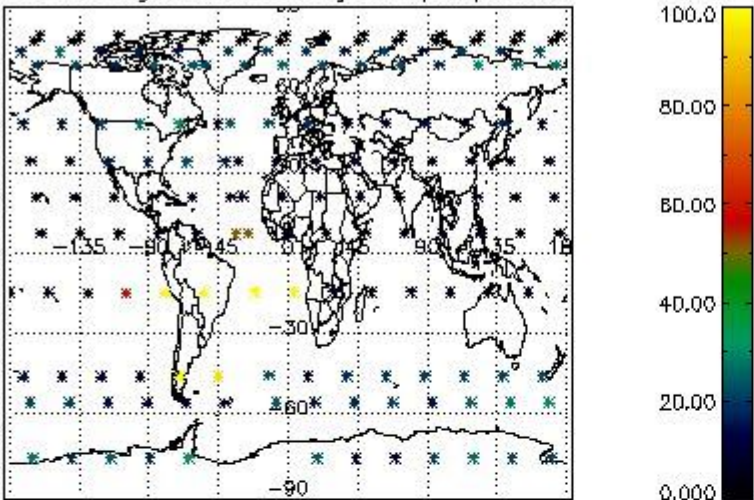
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



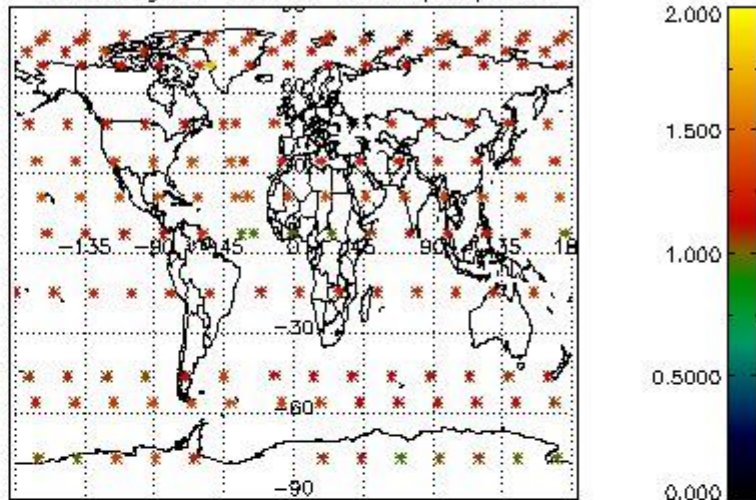
4.2 Plot quality information per product coming from level 1b processing (world map)

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

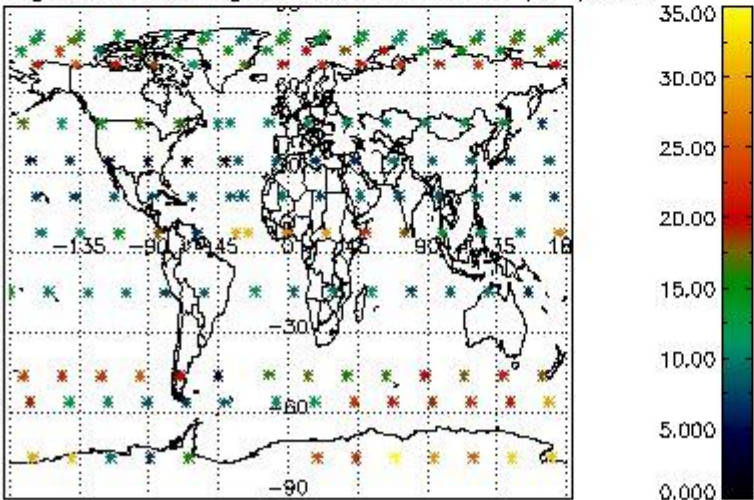
Percentage of cosmic ray hits per profile



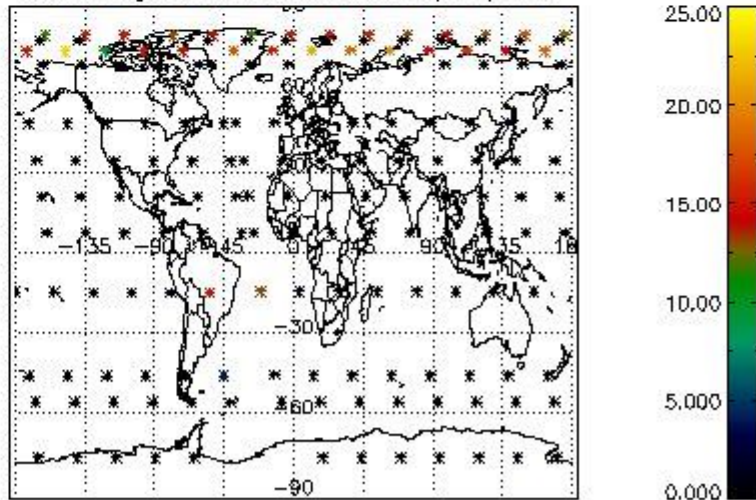
Percentage of datation errors per profile



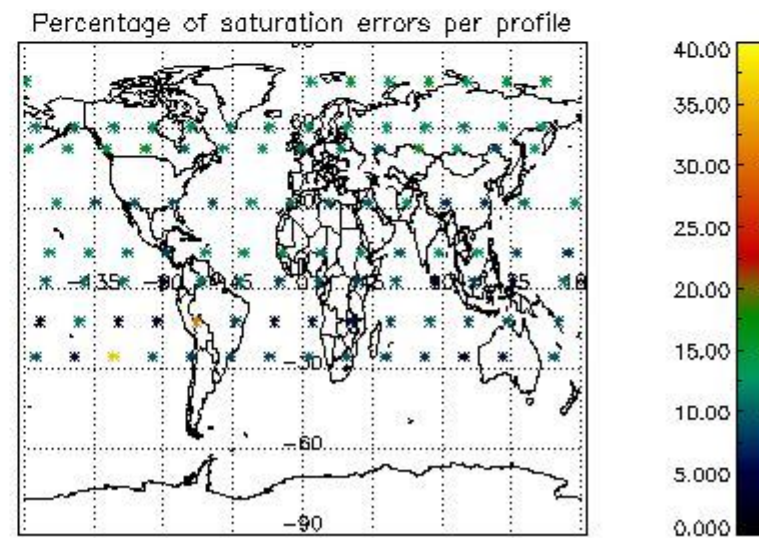
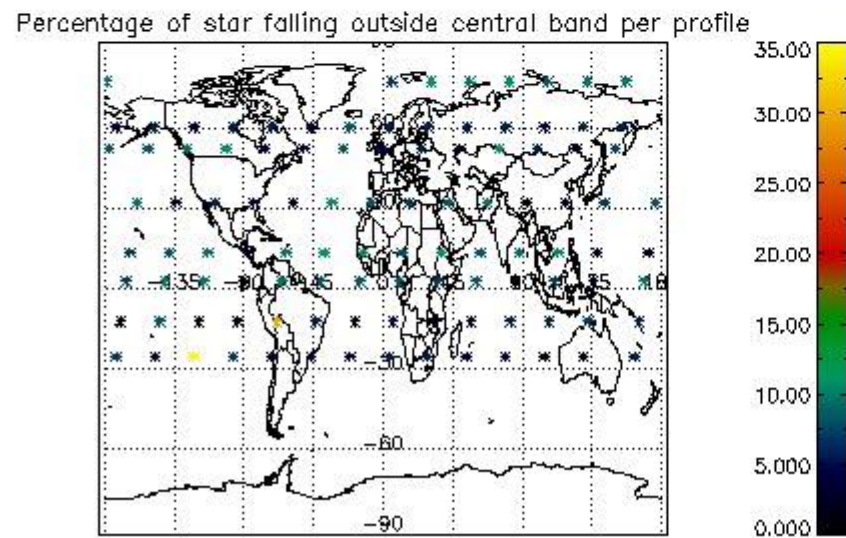
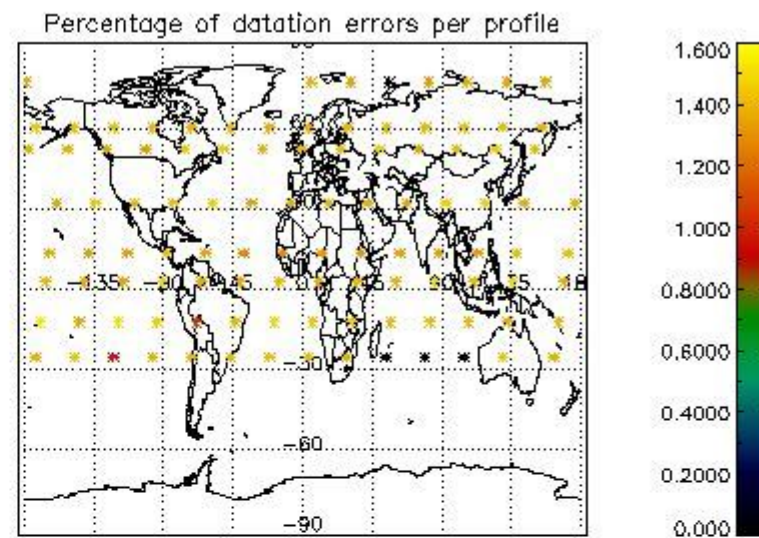
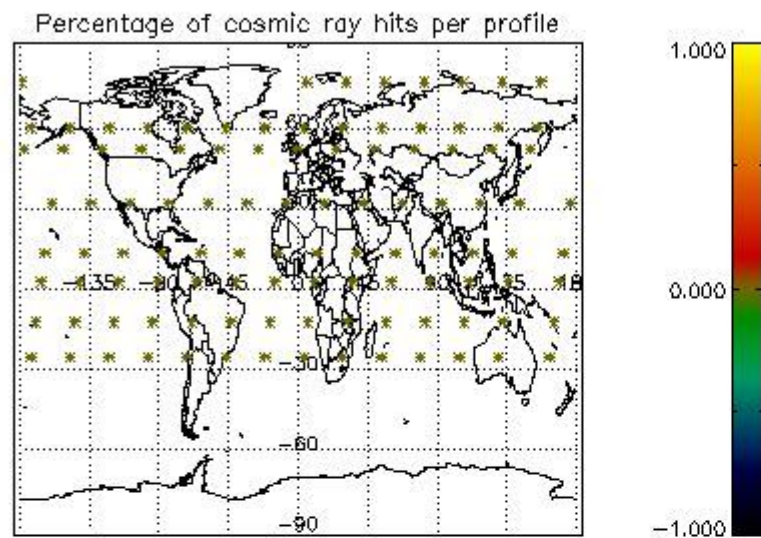
Percentage of star falling outside central band per profile



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

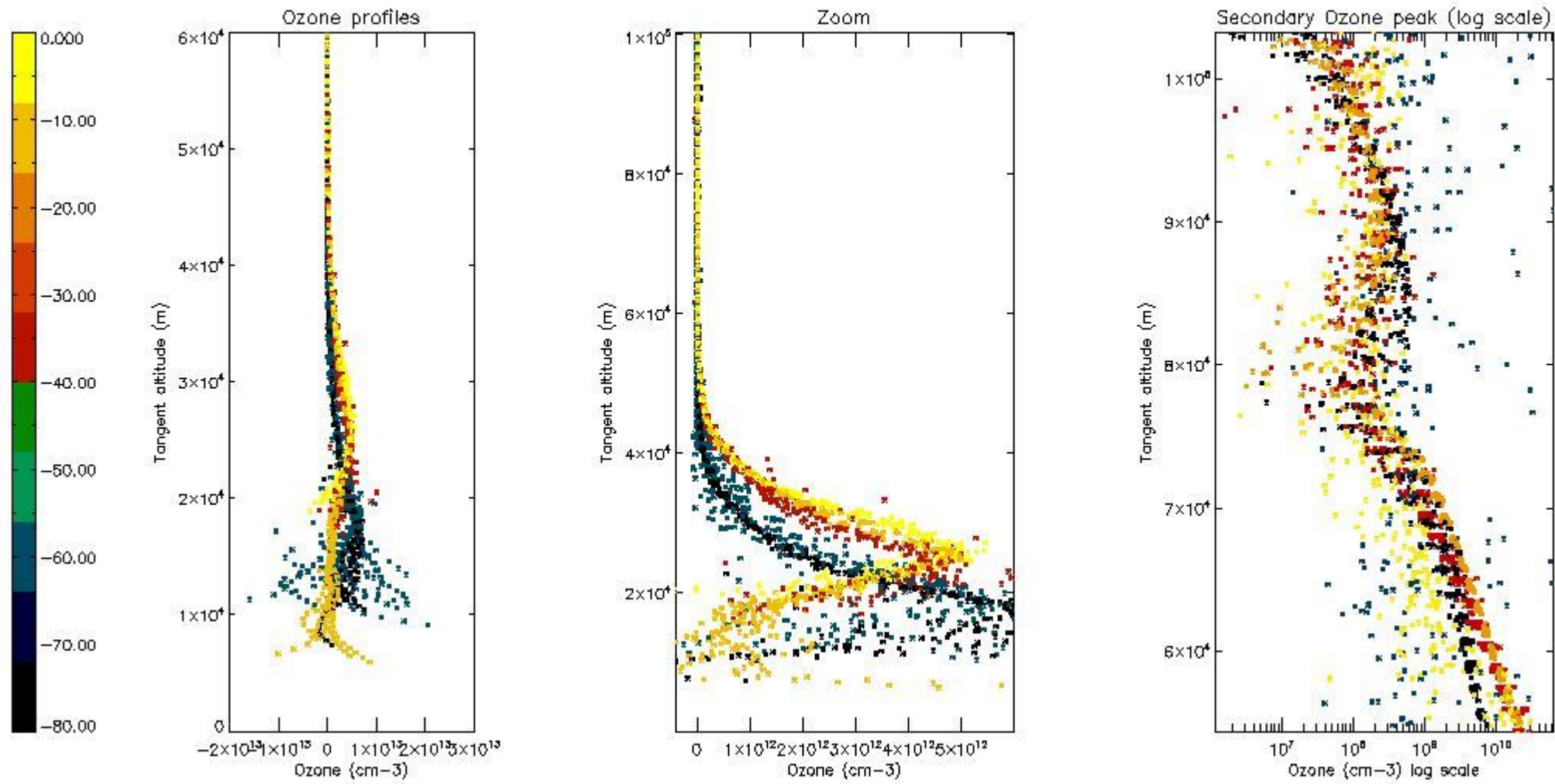
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	15

STD < 10	11
STD < 5	7

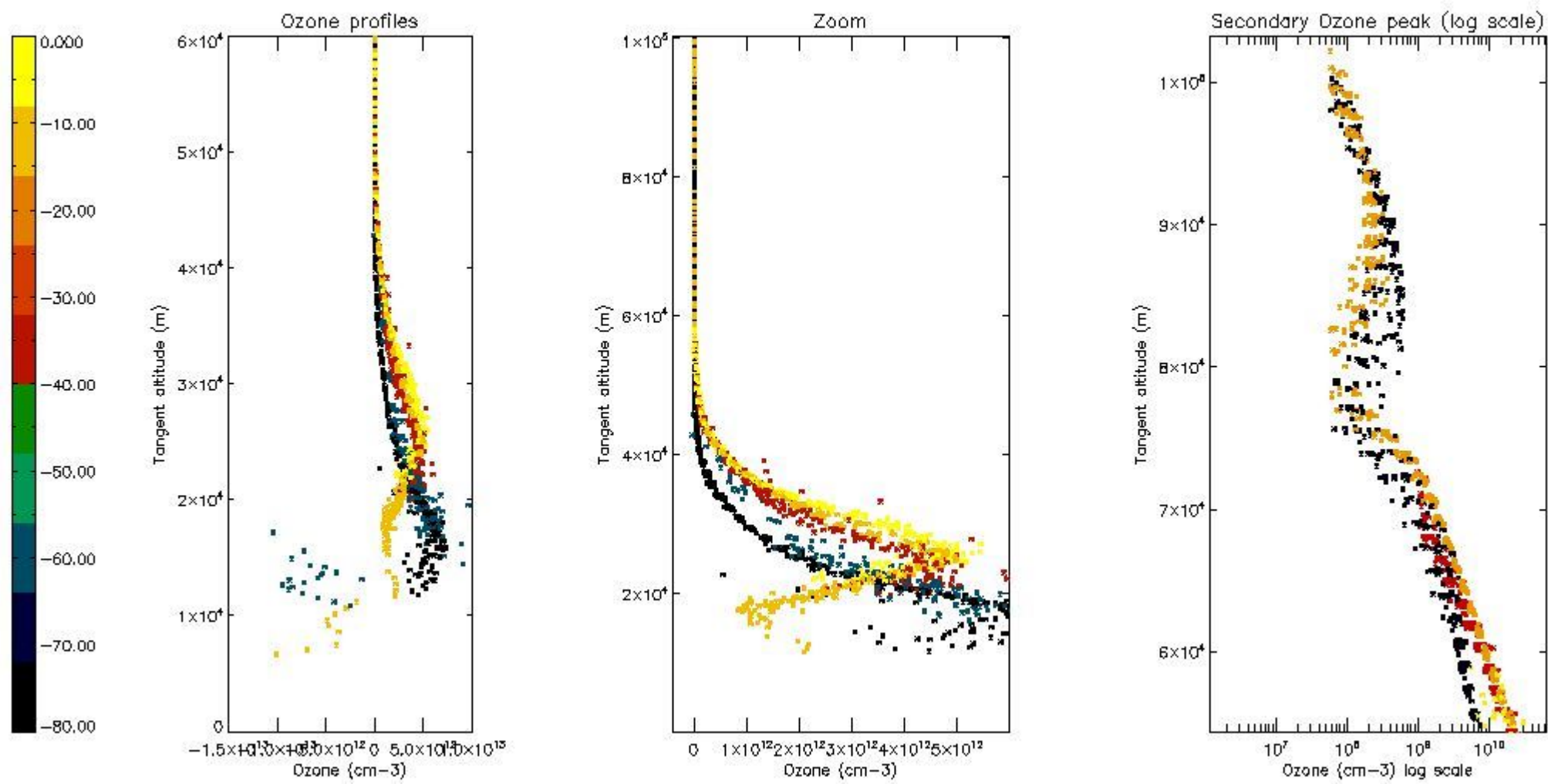
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



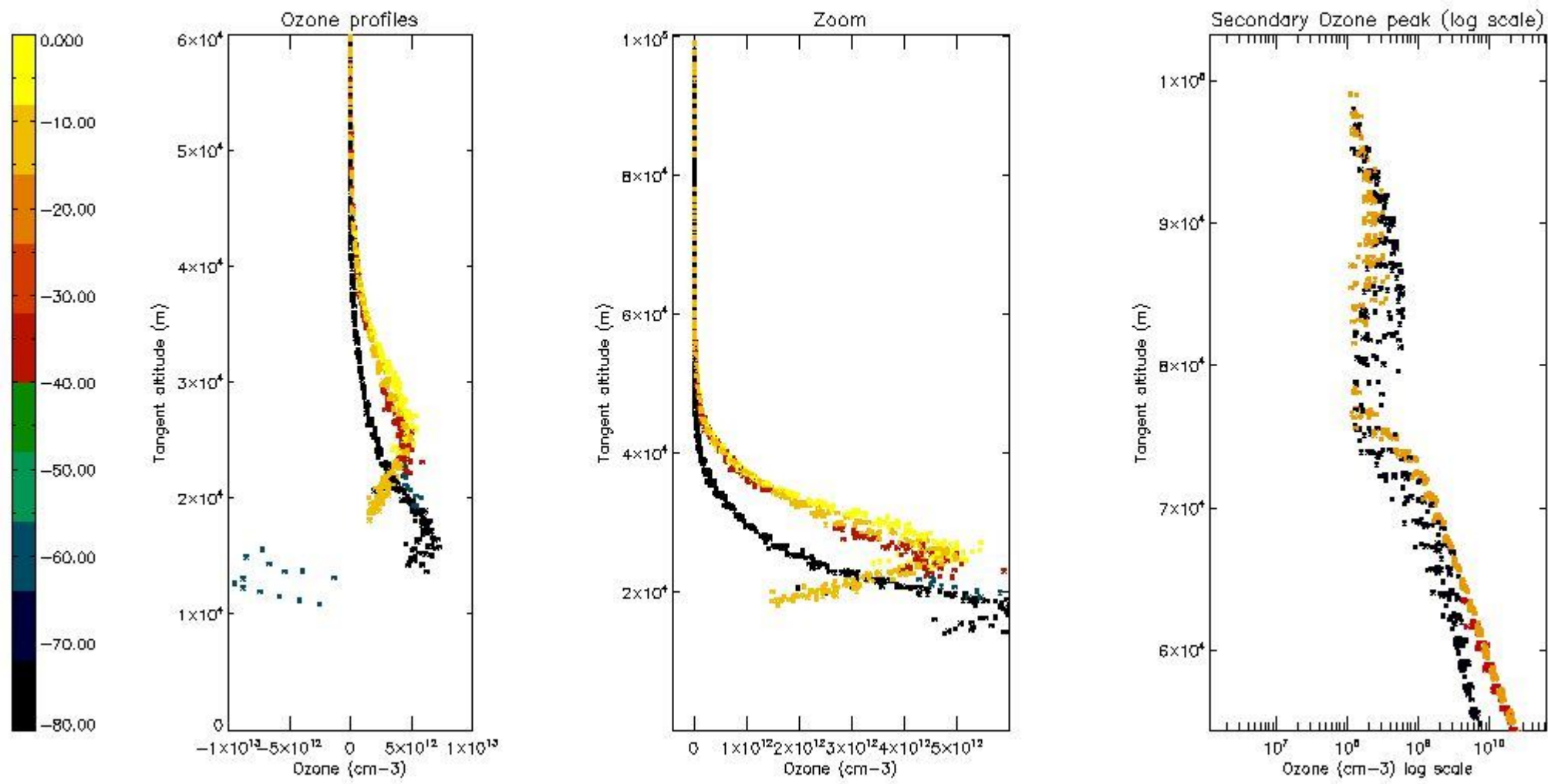
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



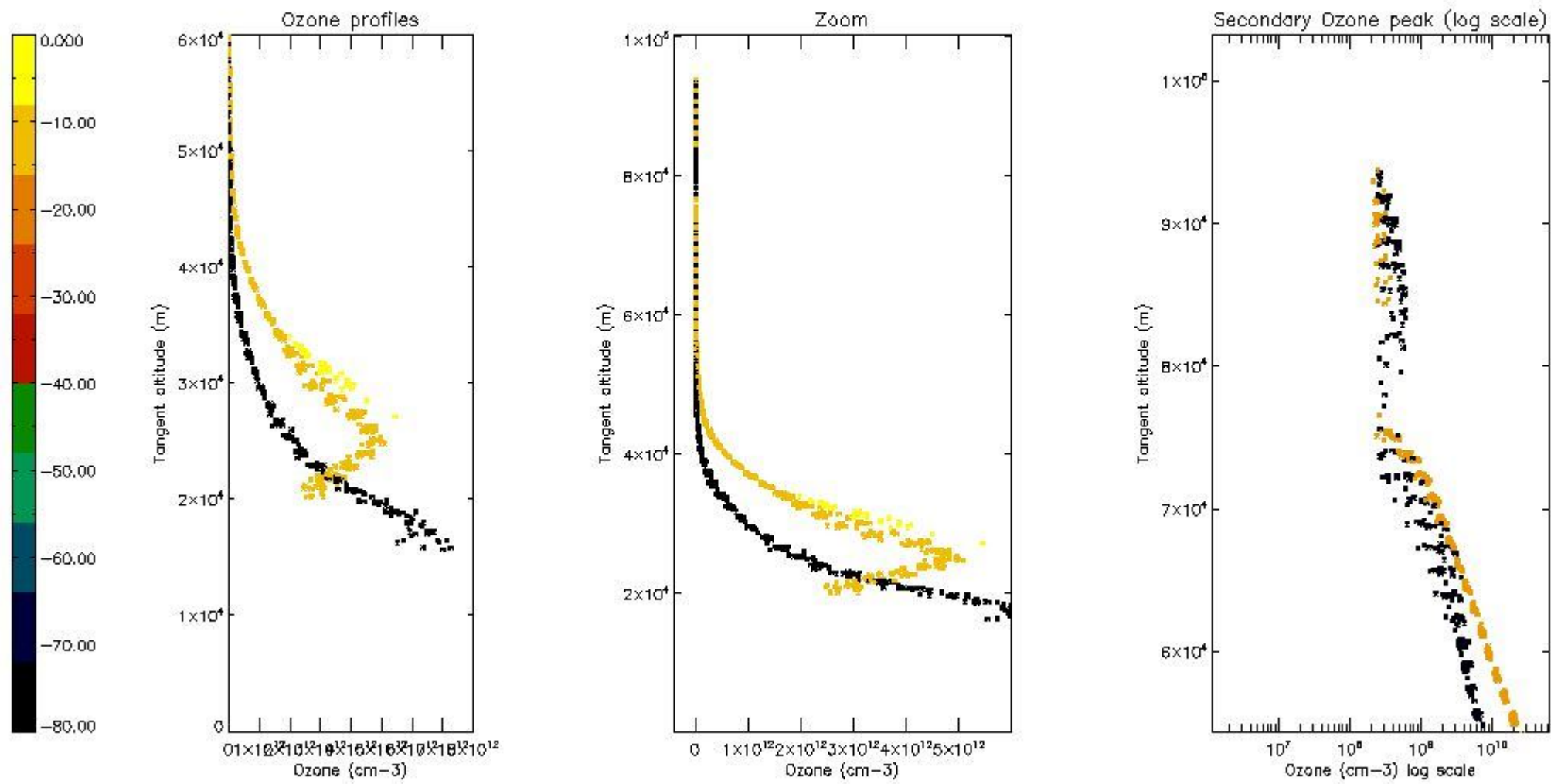
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



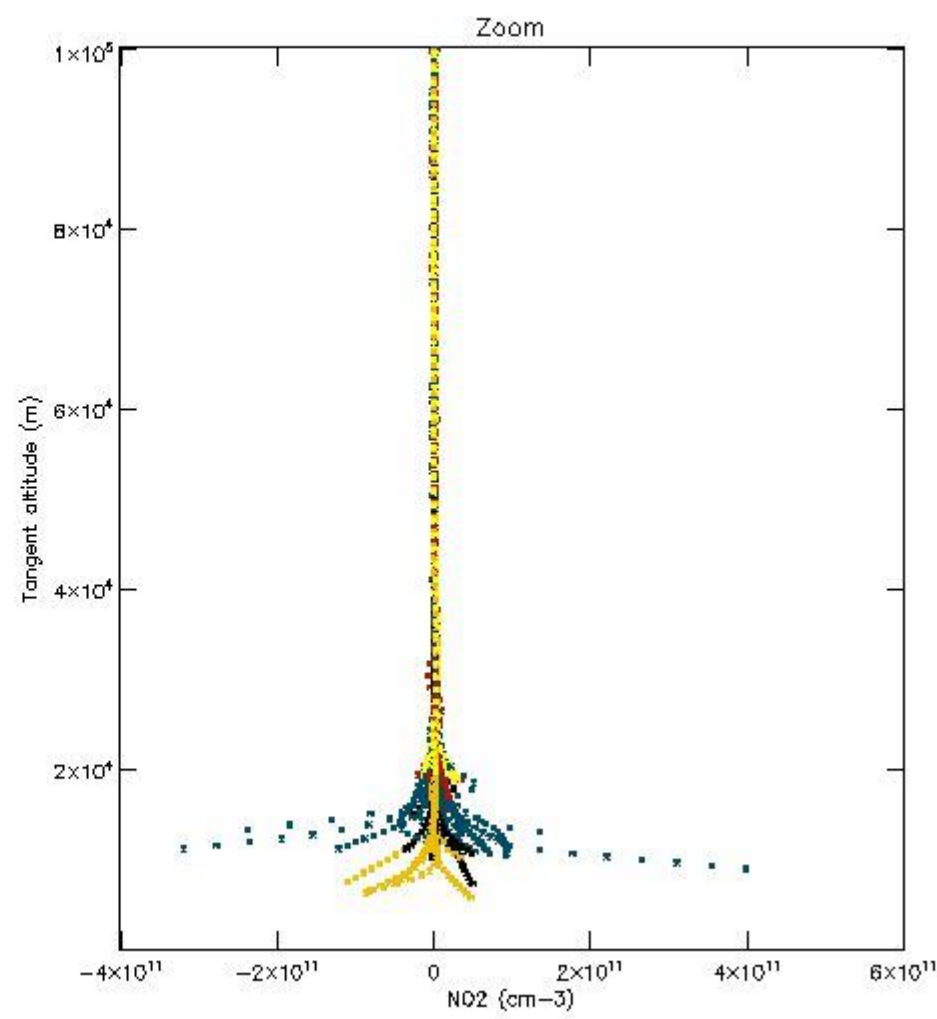
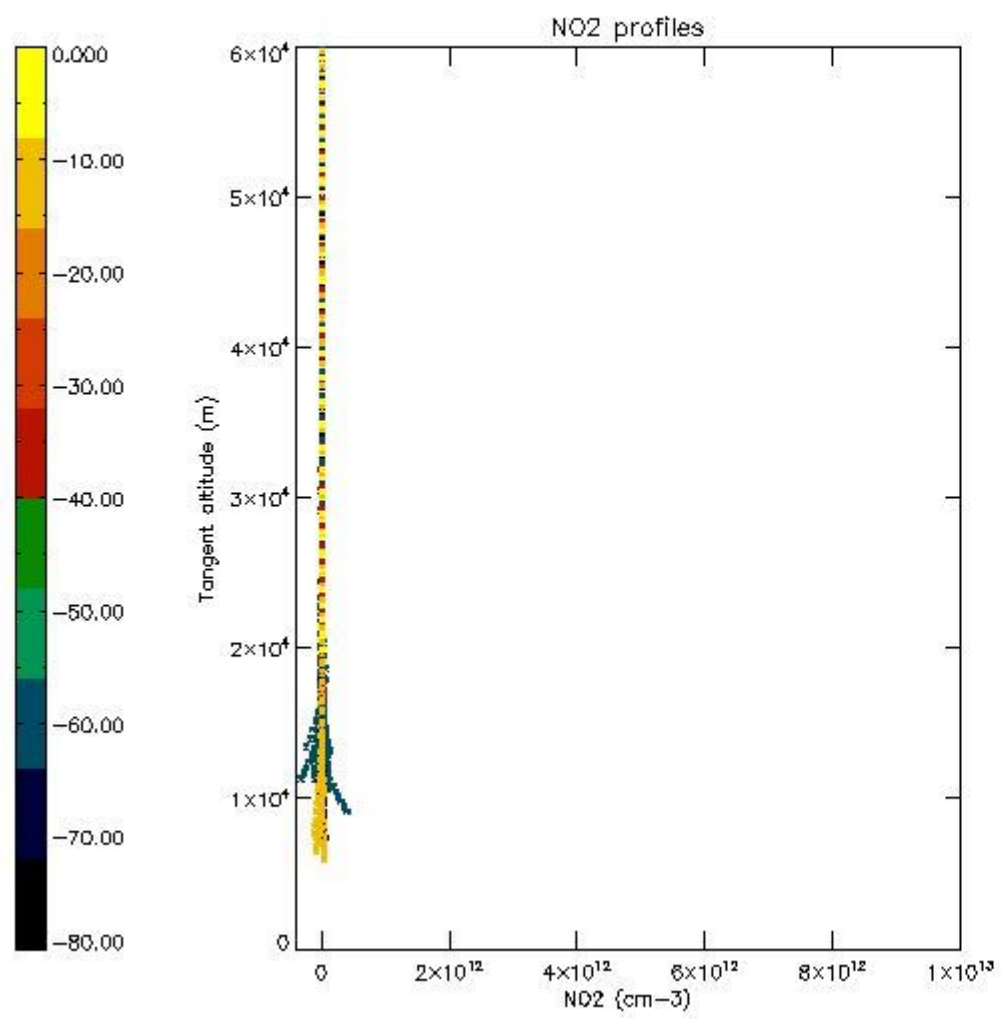
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



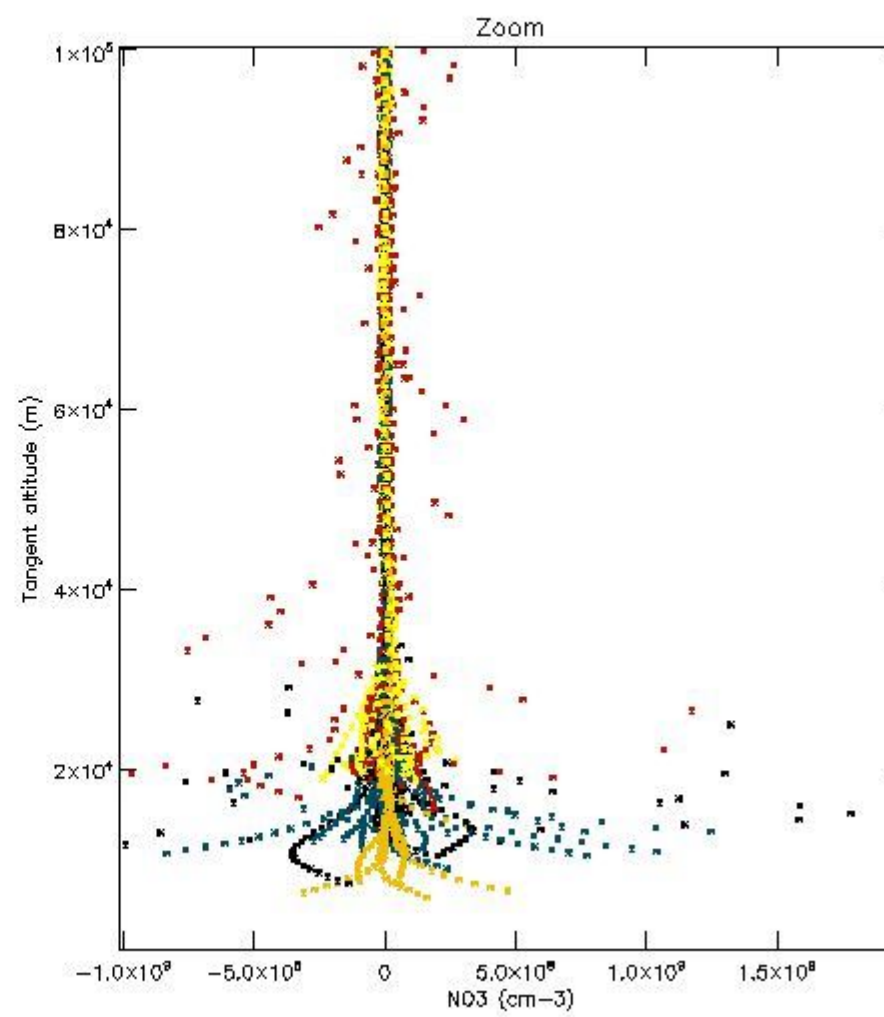
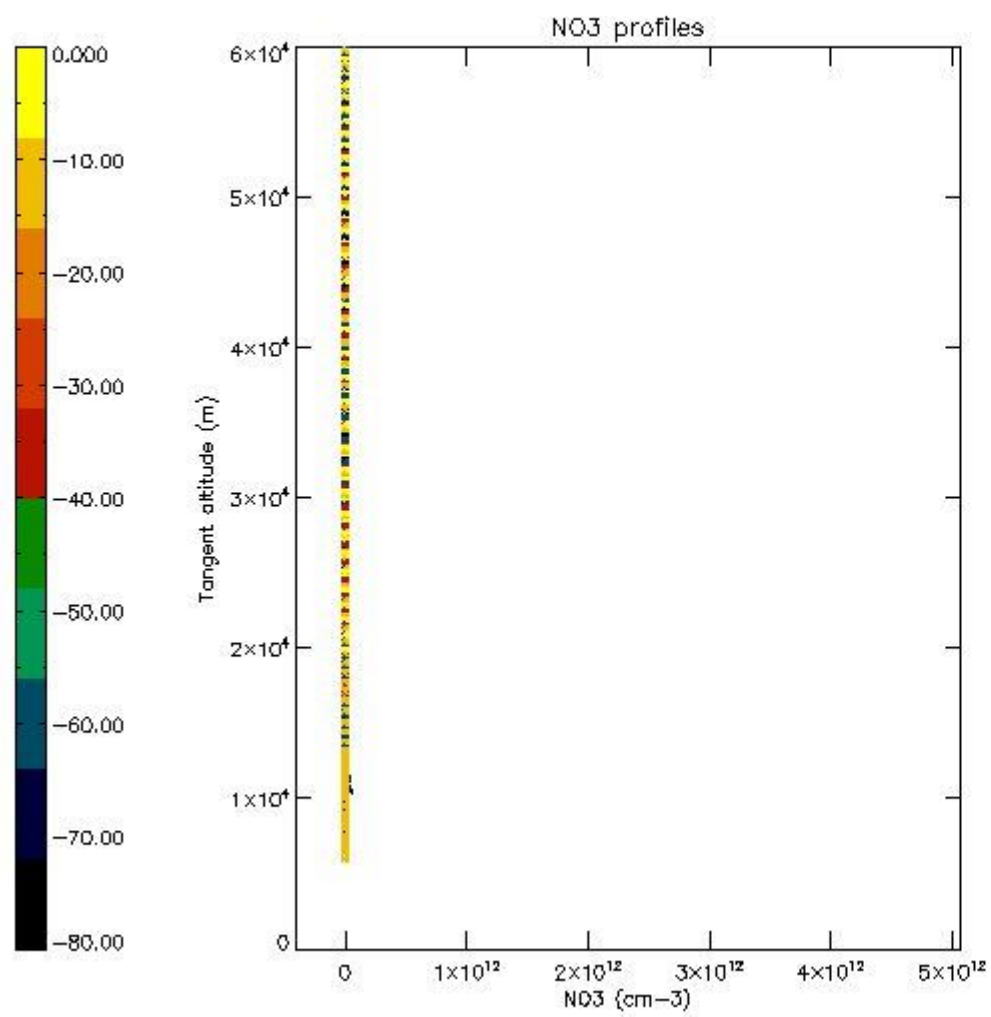
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



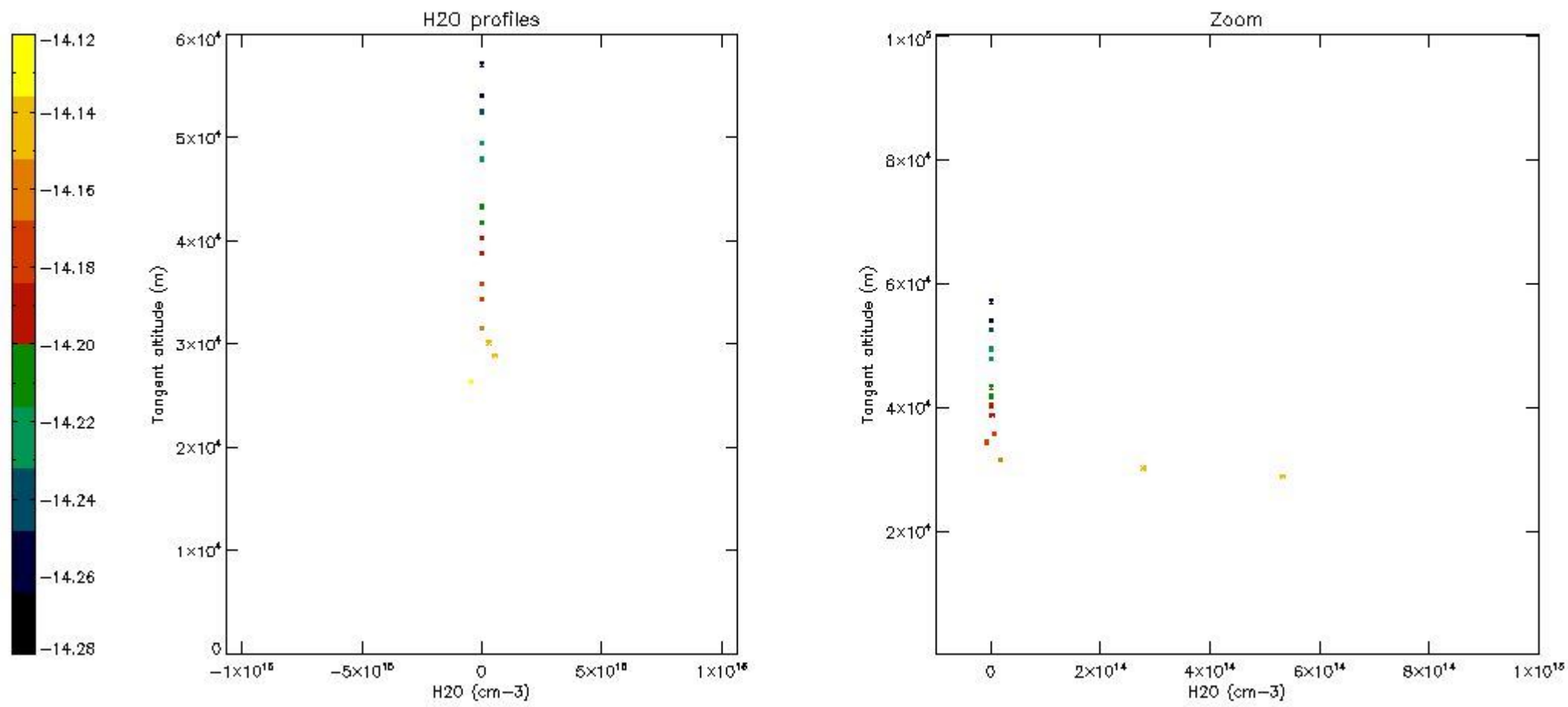
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

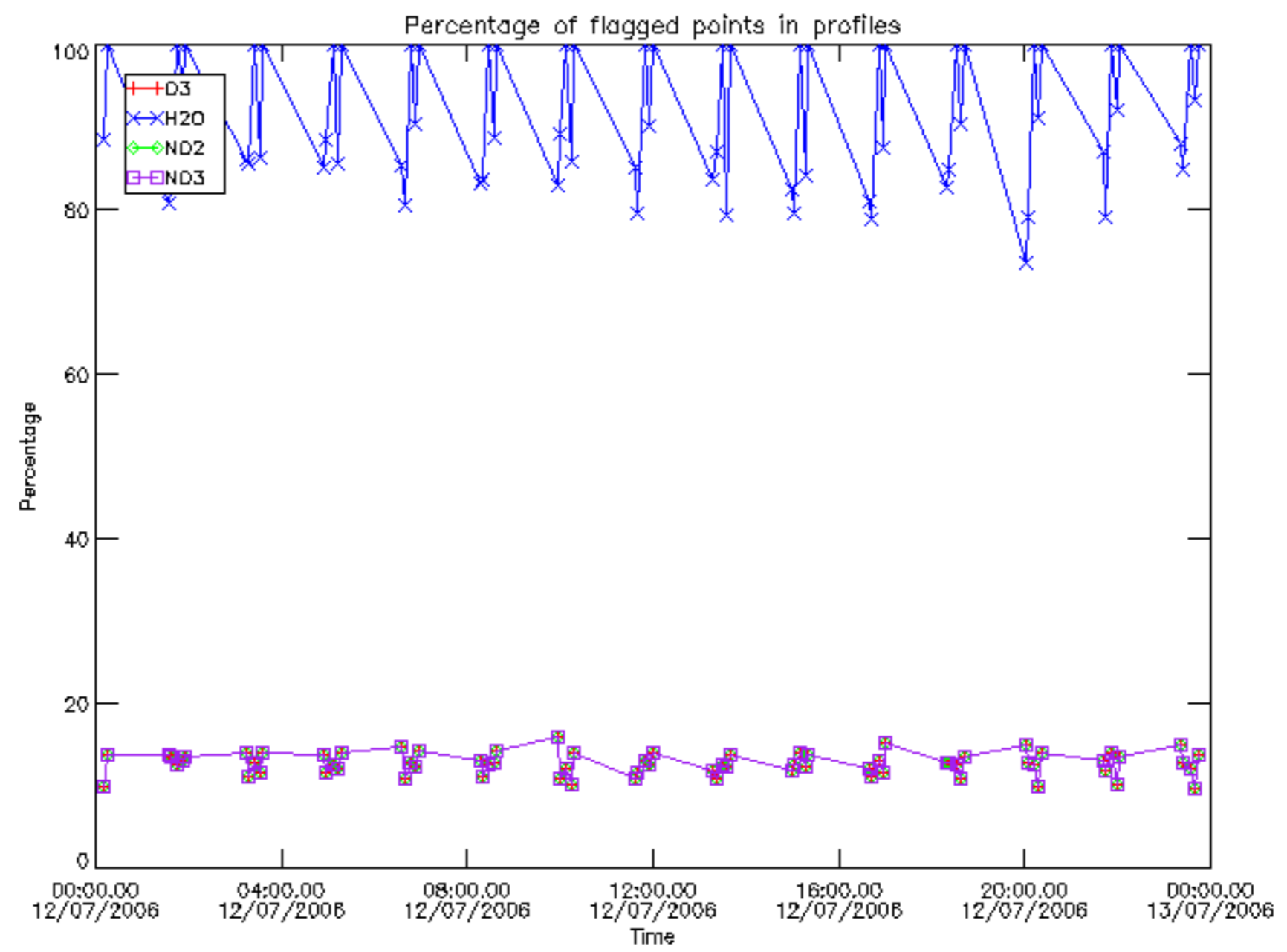
The colorbar represents the latitude.



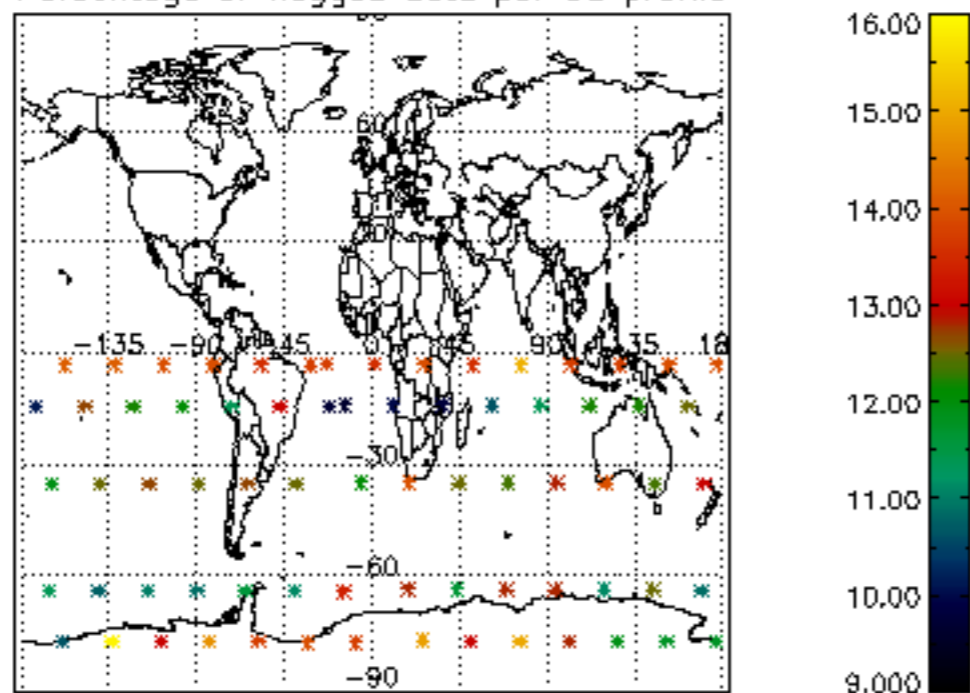
6. Auxiliary Data Files used for the production reported in section 2

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

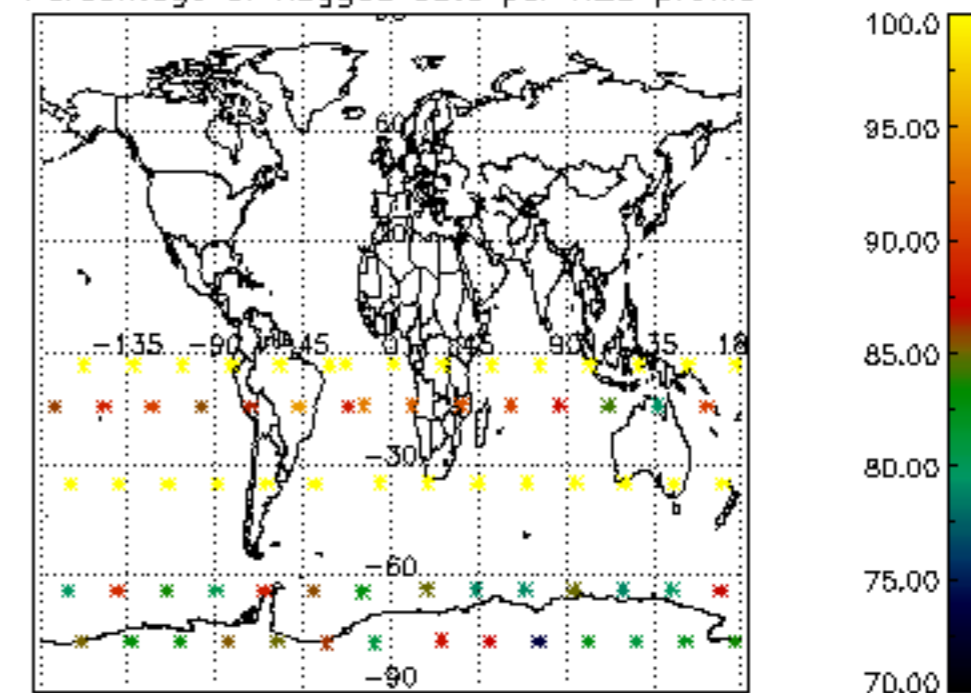
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-JUL-2006 00:11:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-JUL-2006 00:11:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-JUL-2006 00:11:01



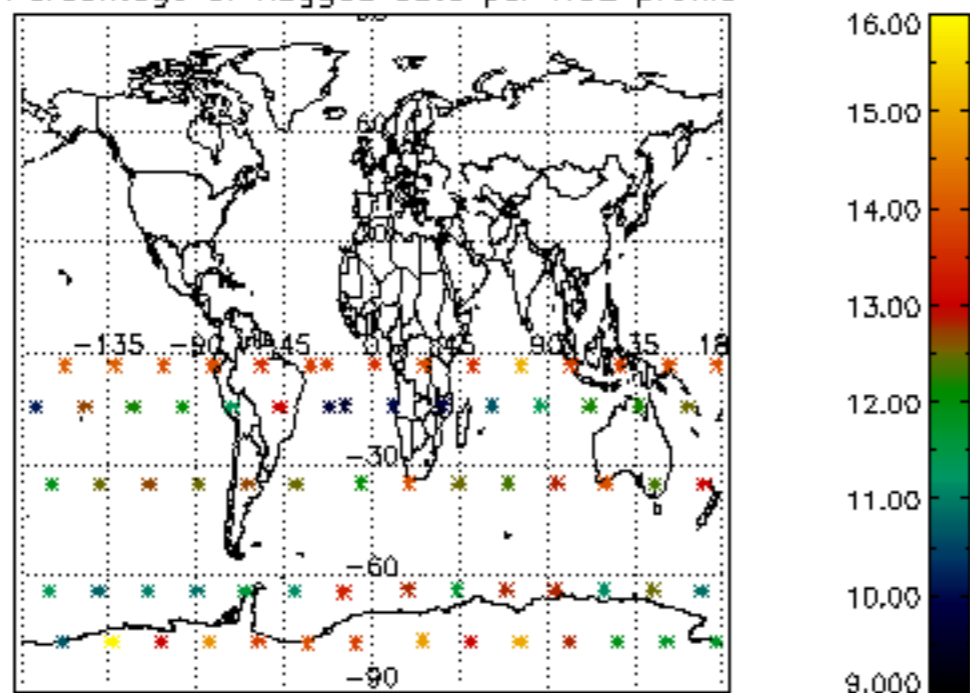
Percentage of flagged data per D3 profile



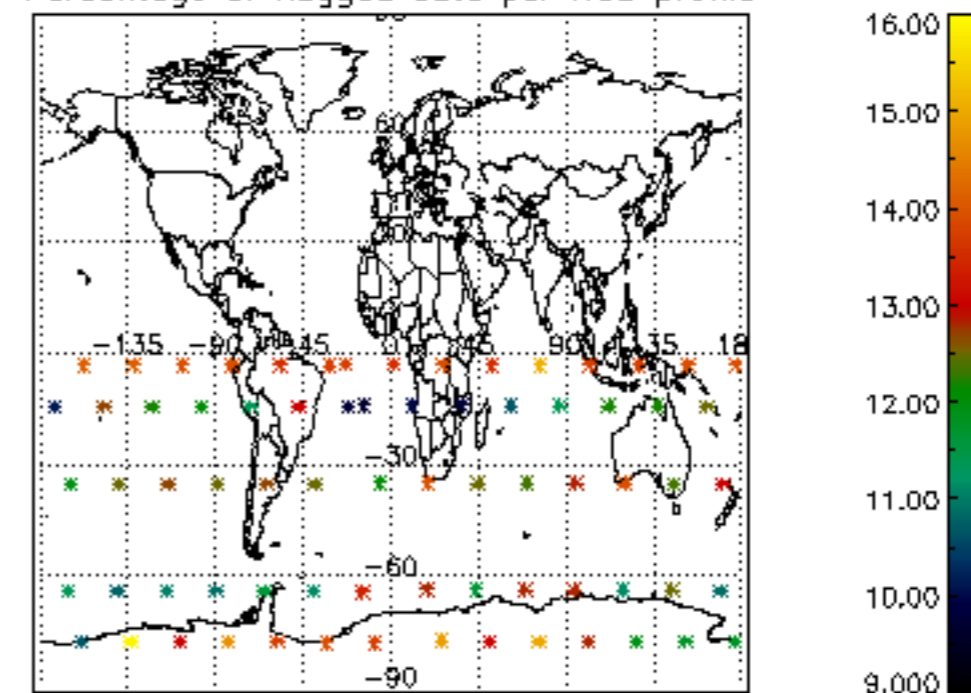
Percentage of flagged data per H2O profile

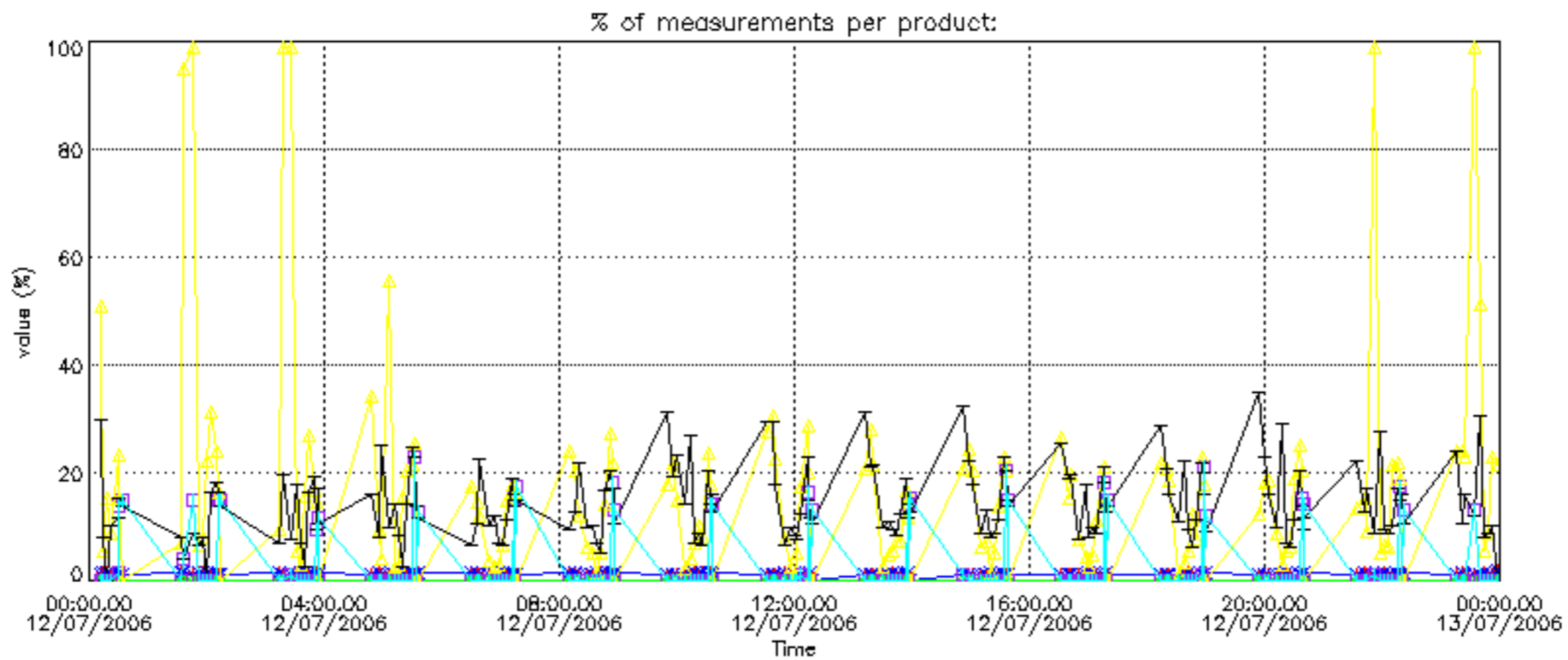


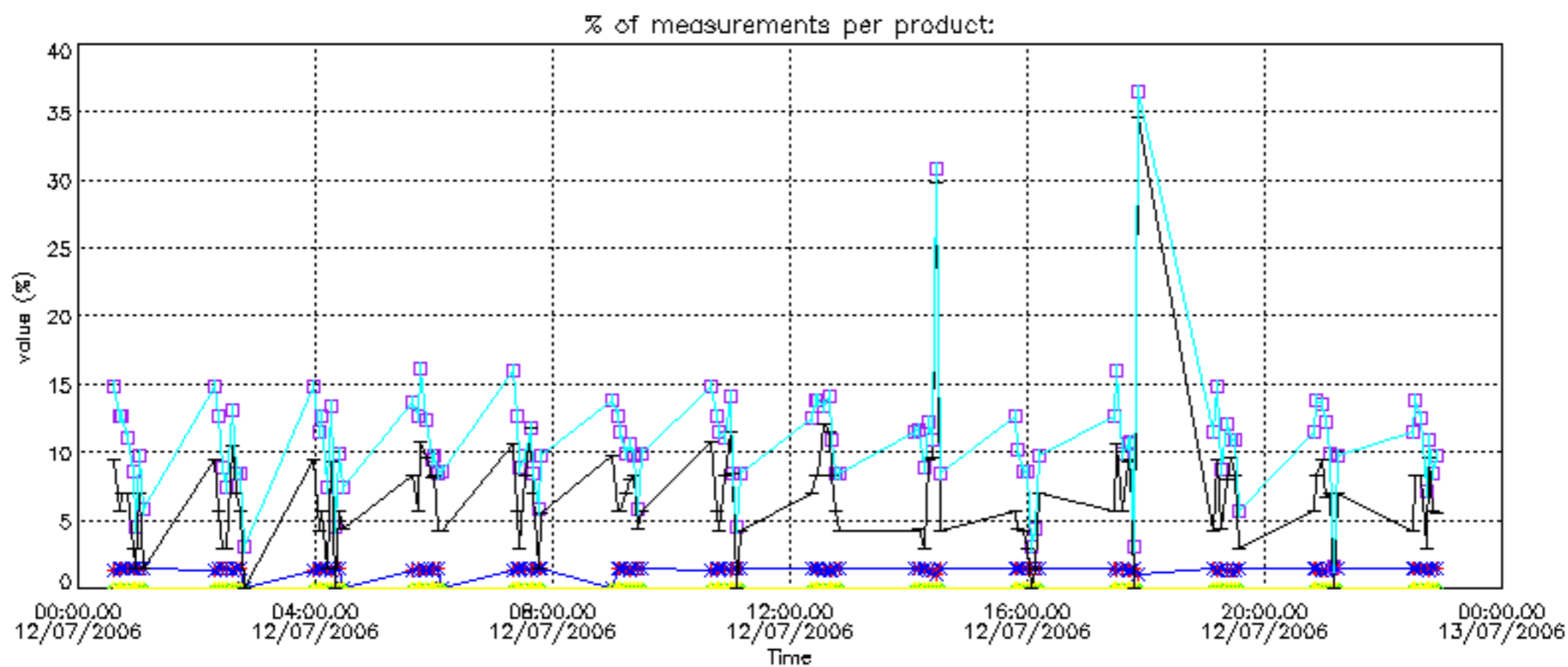
Percentage of flagged data per NO2 profile



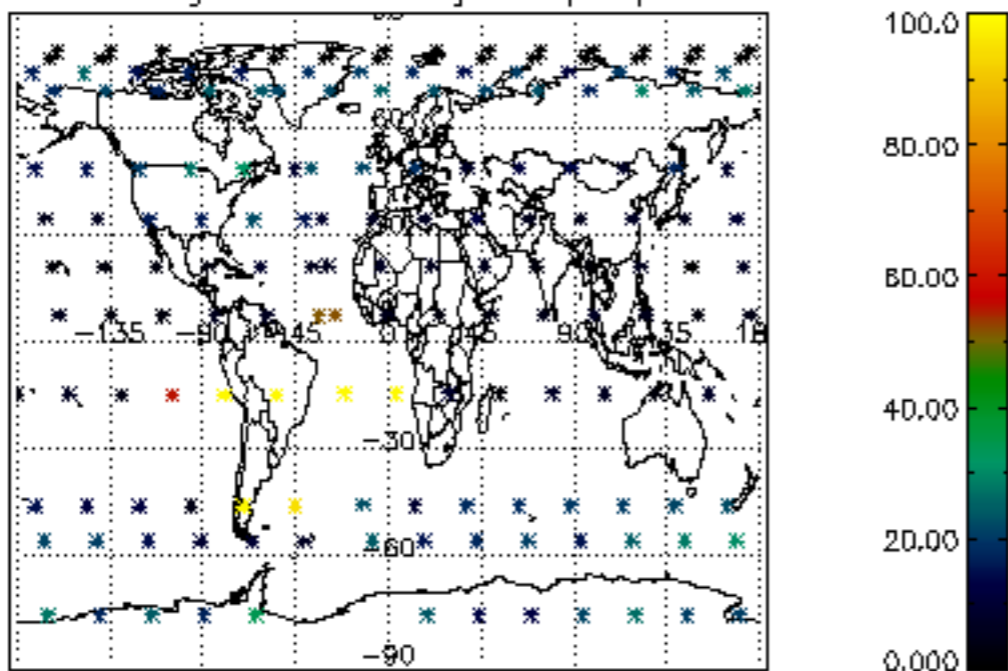
Percentage of flagged data per NO3 profile



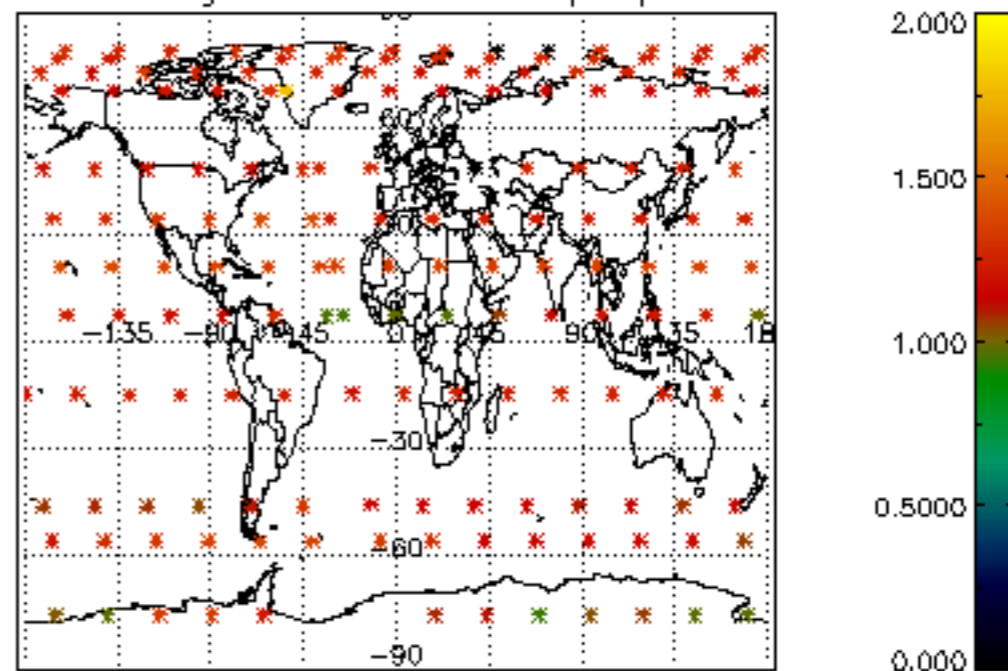




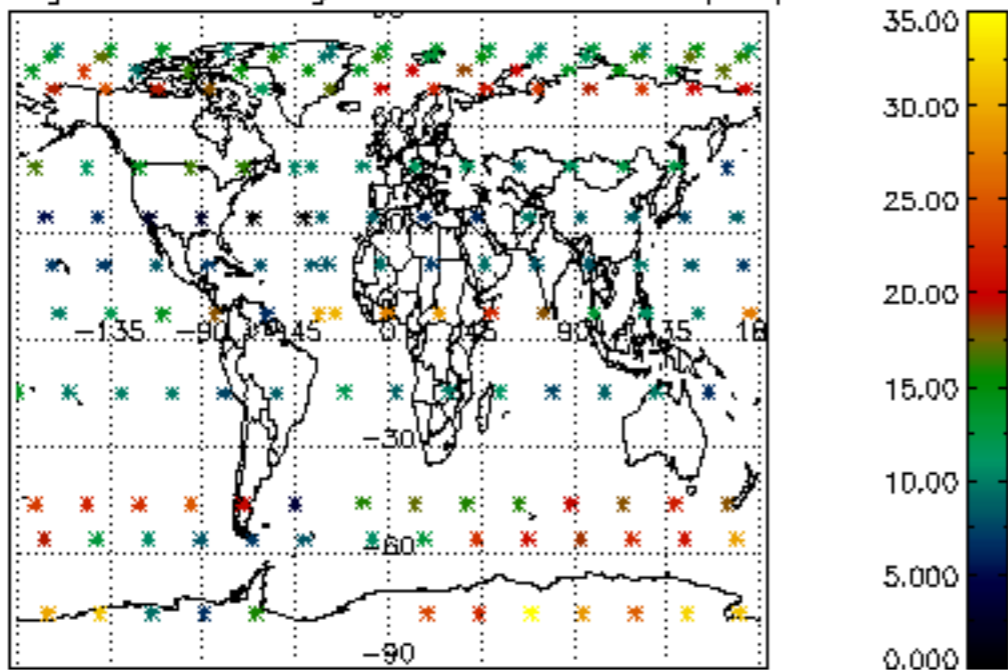
Percentage of cosmic ray hits per profile



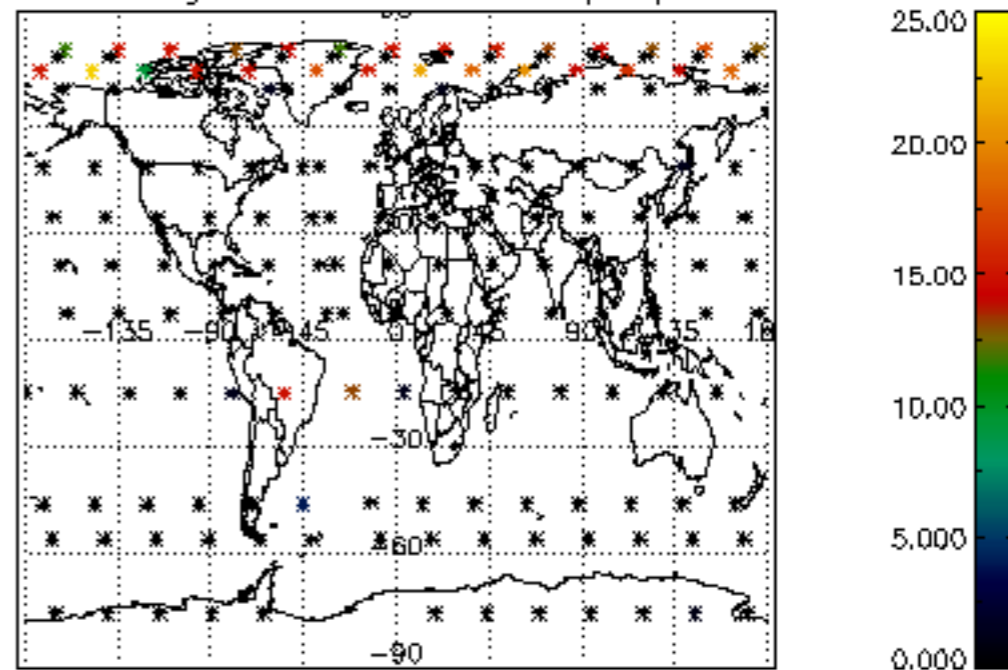
Percentage of datation errors per profile



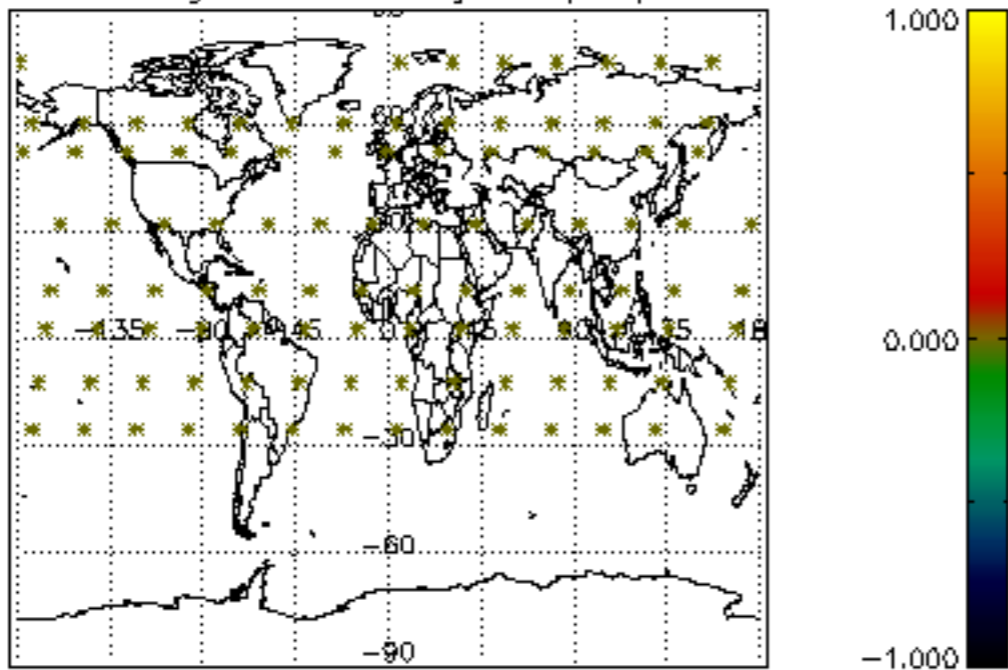
Percentage of star falling outside central band per profile



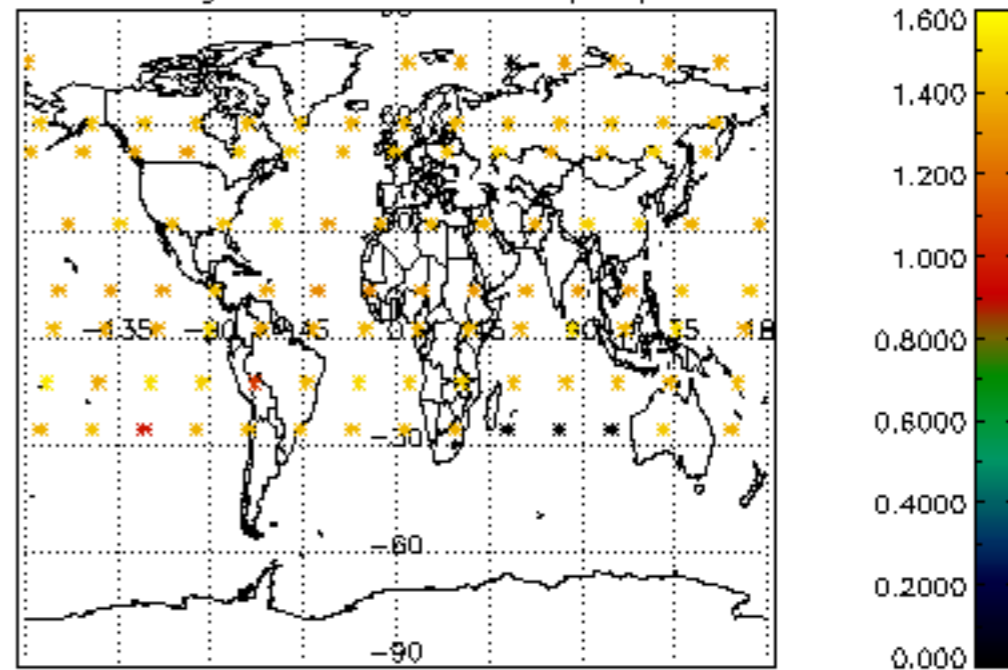
Percentage of saturation errors per profile



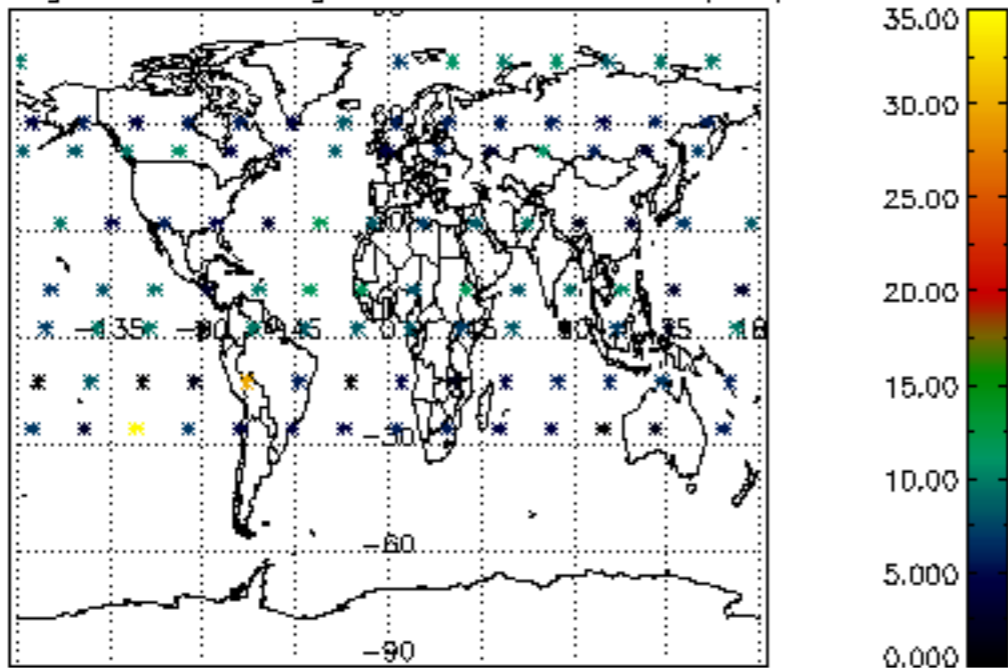
Percentage of cosmic ray hits per profile



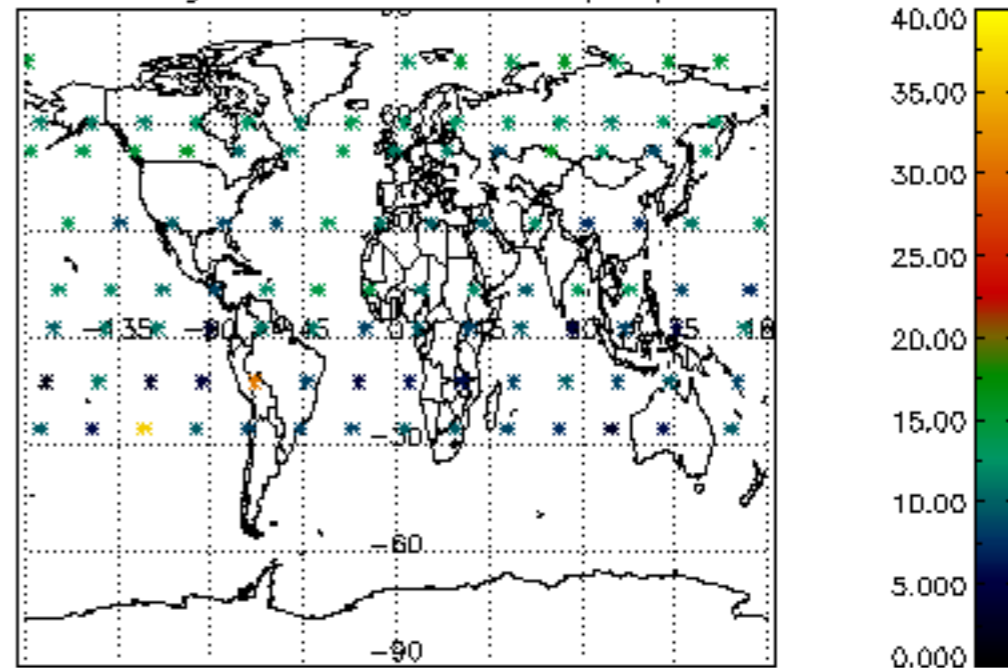
Percentage of datation errors per profile

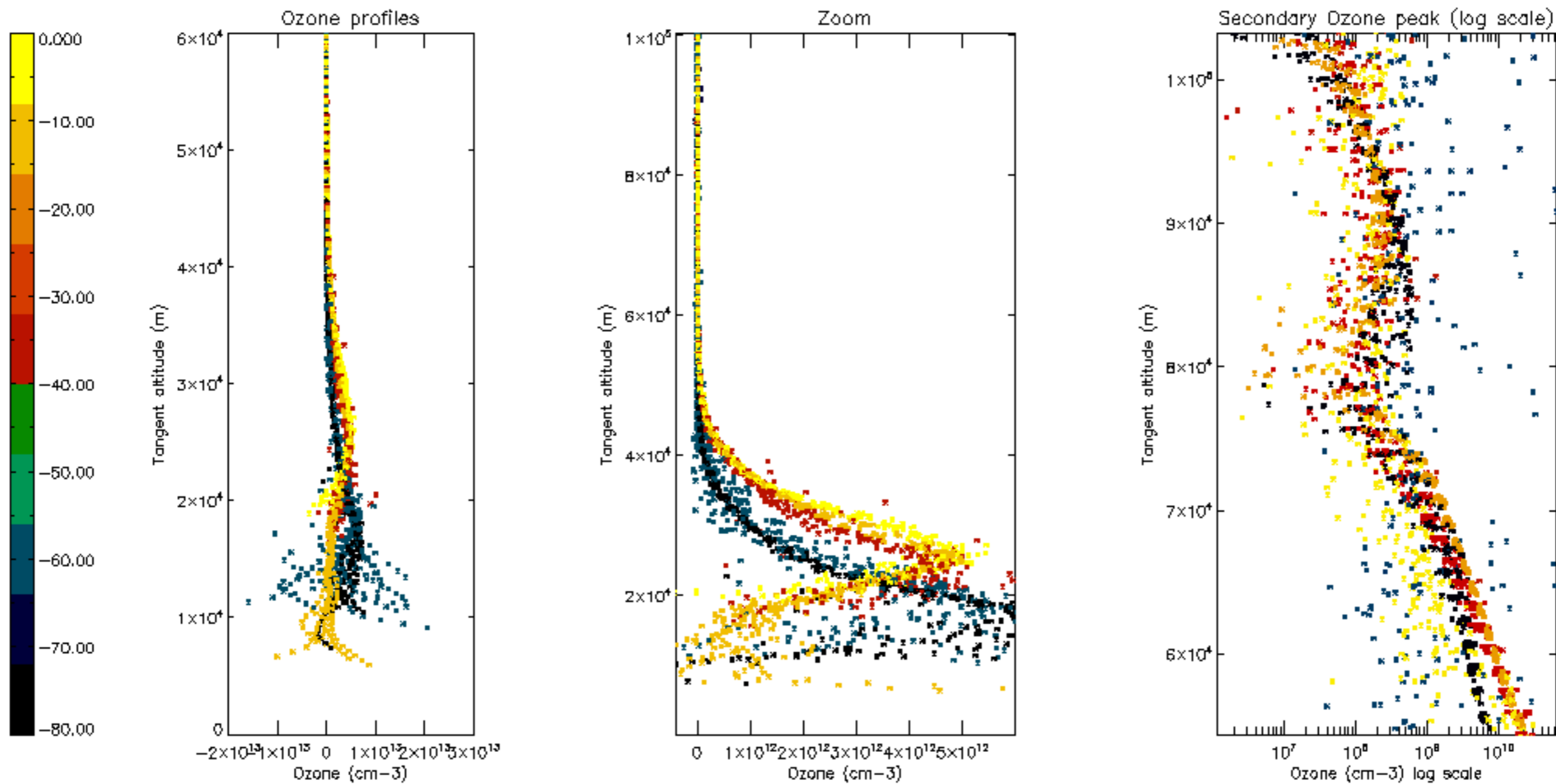


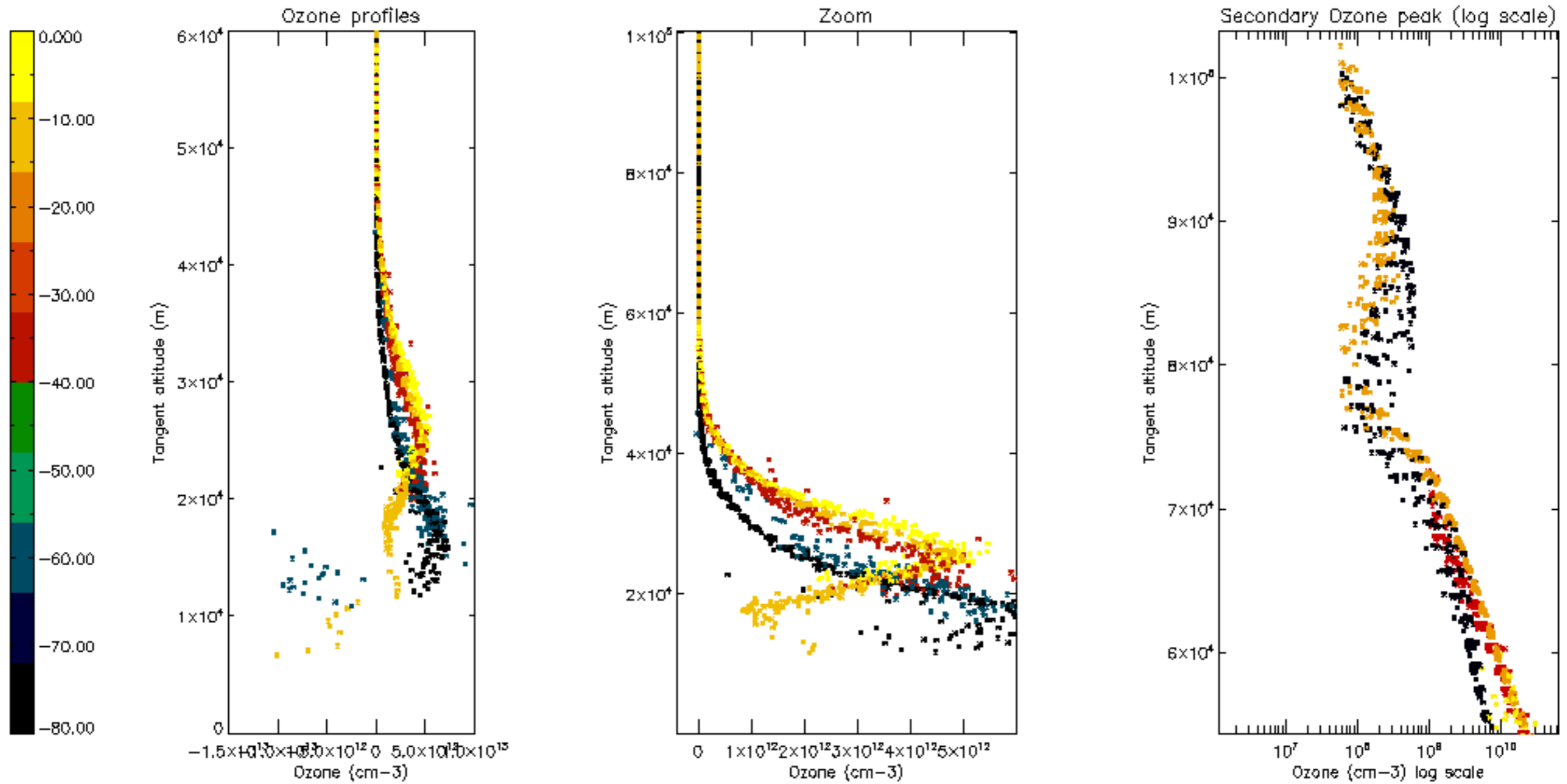
Percentage of star falling outside central band per profile

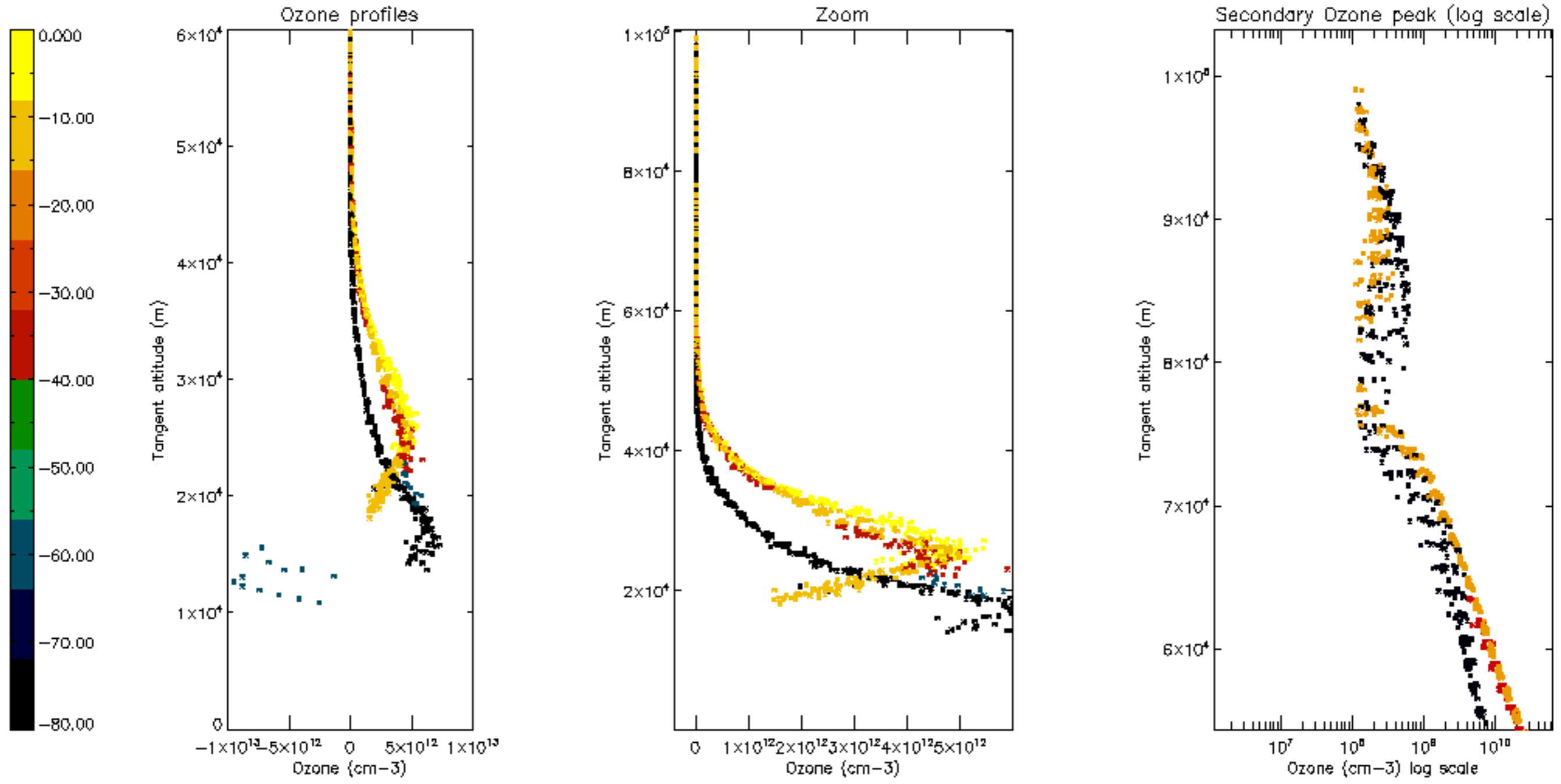


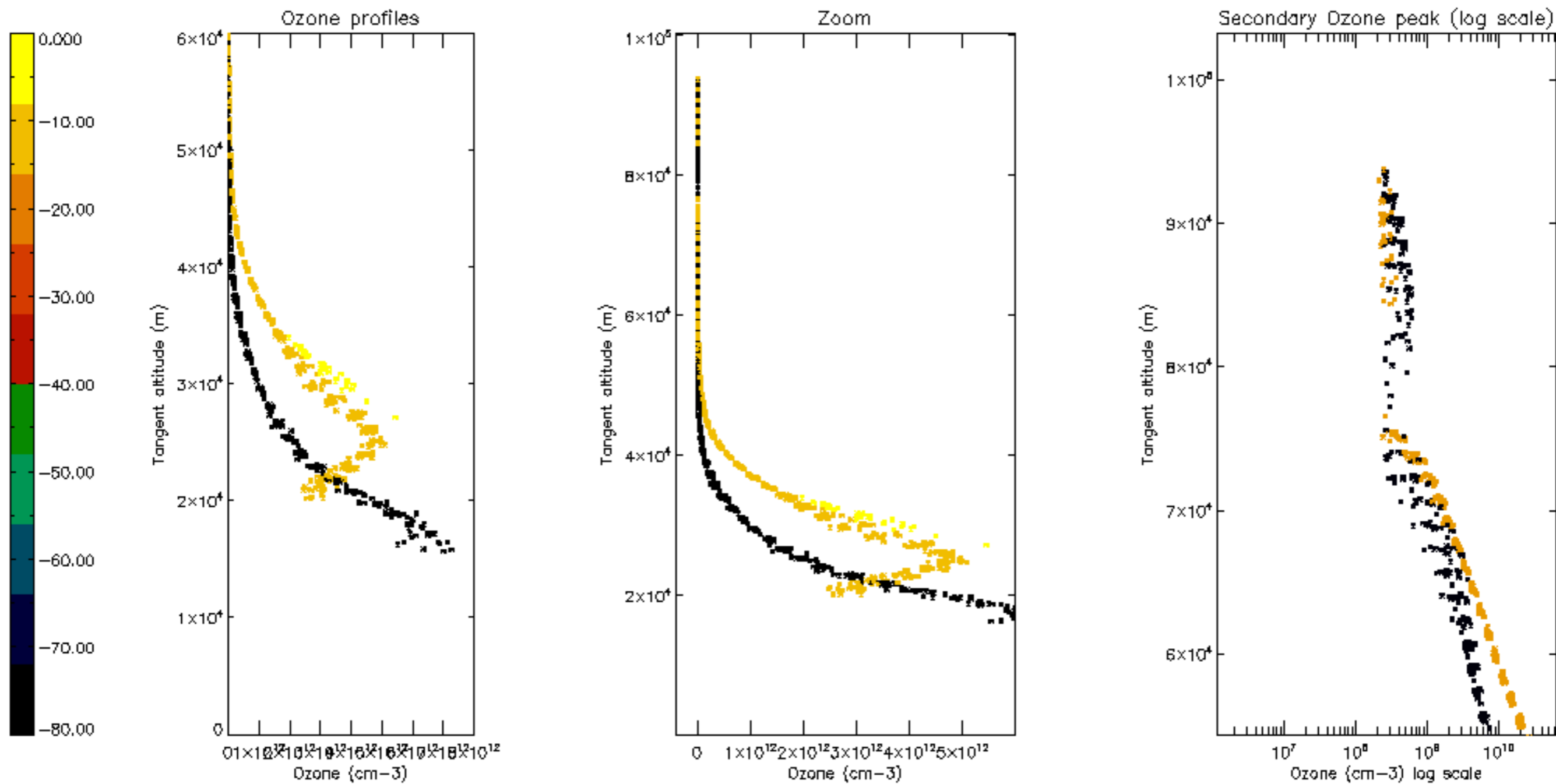
Percentage of saturation errors per profile

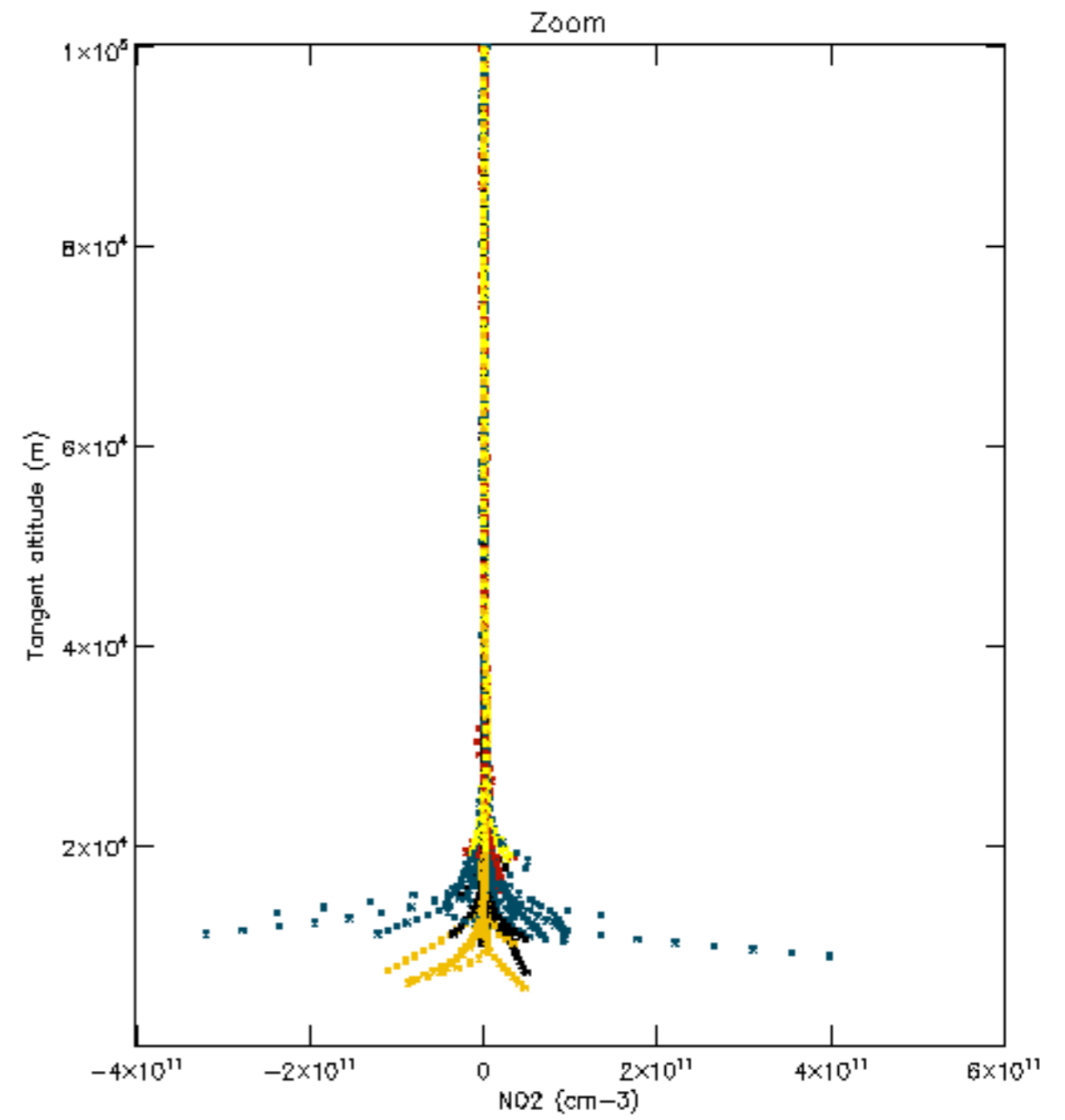
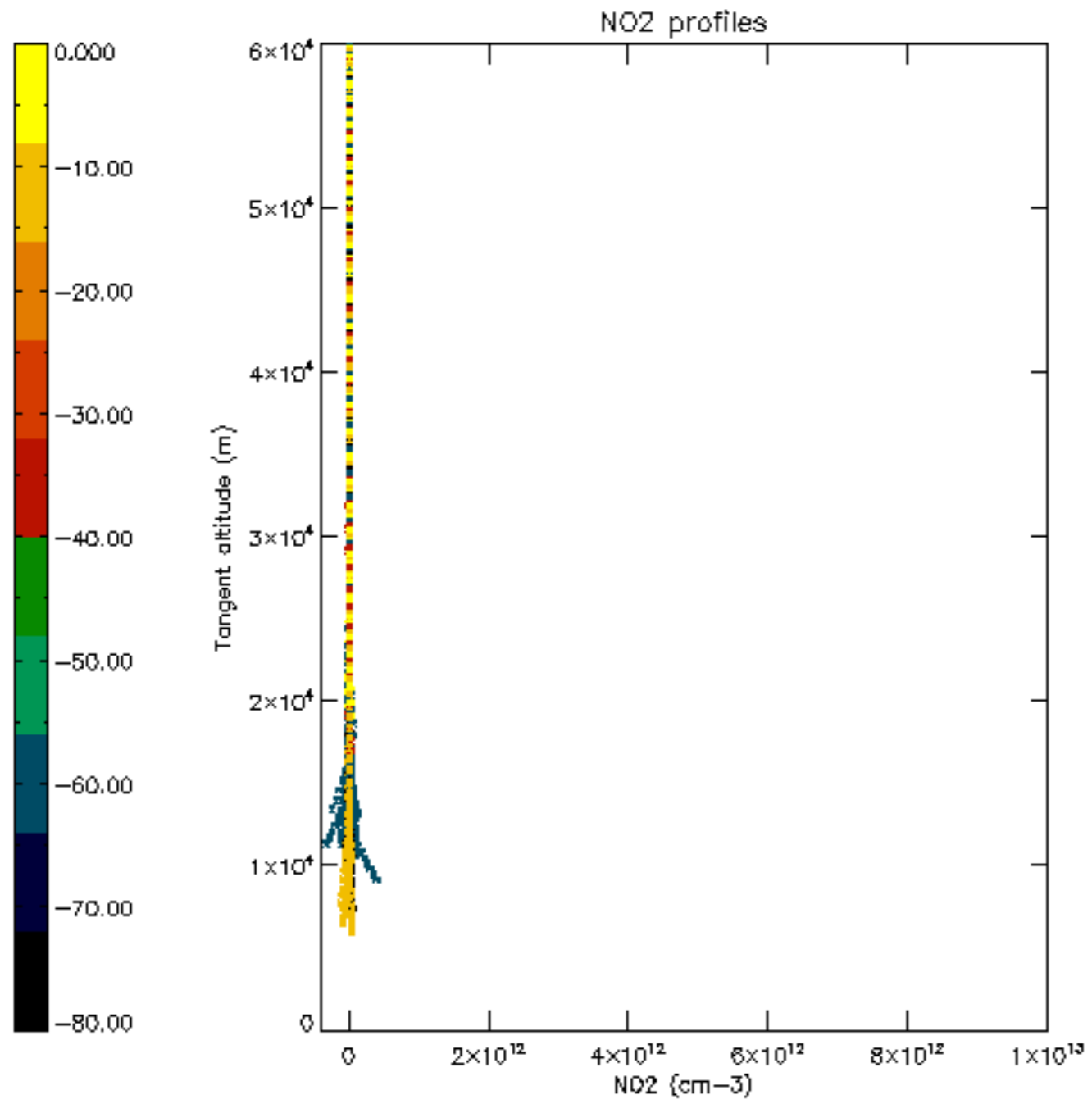


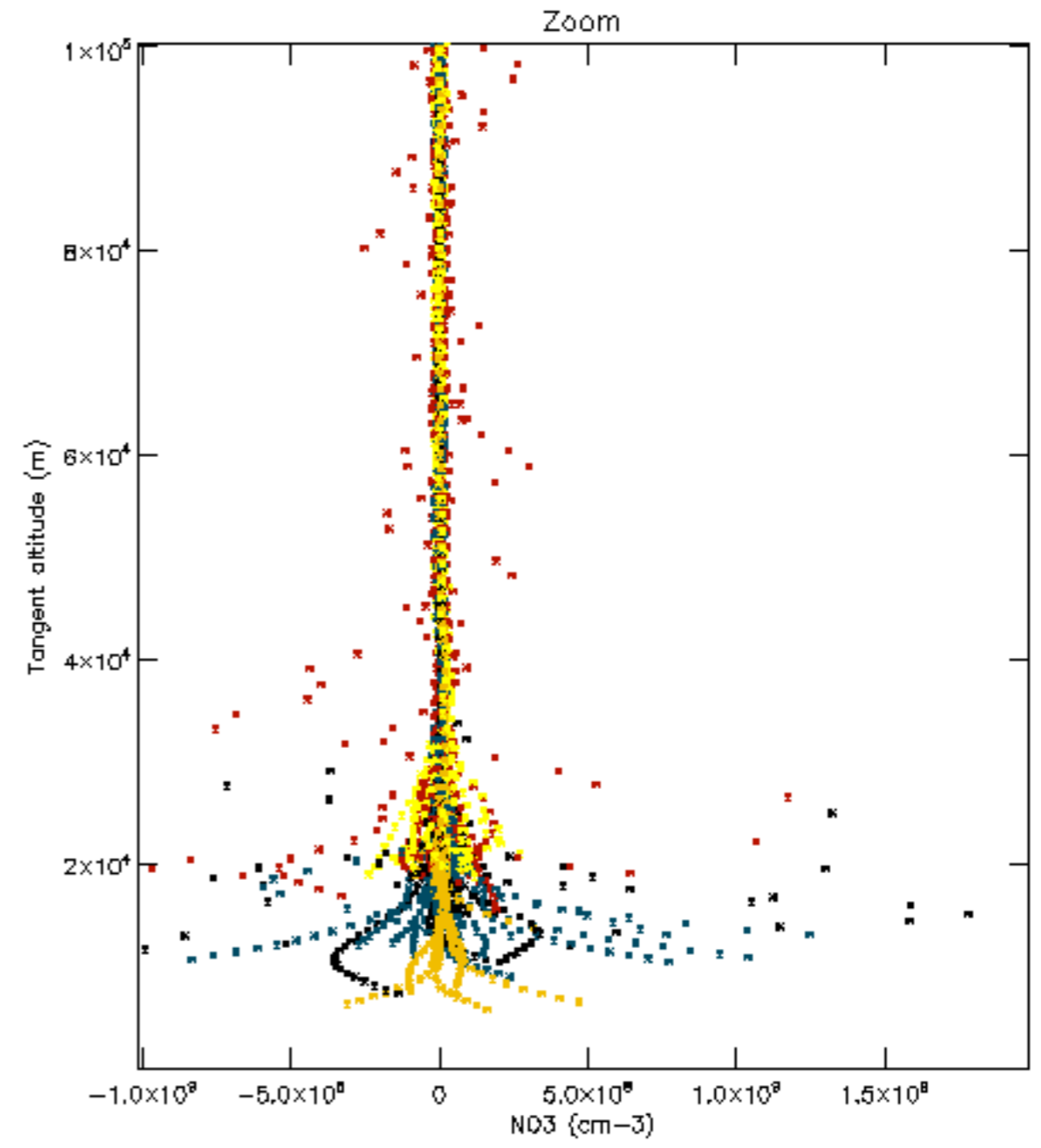
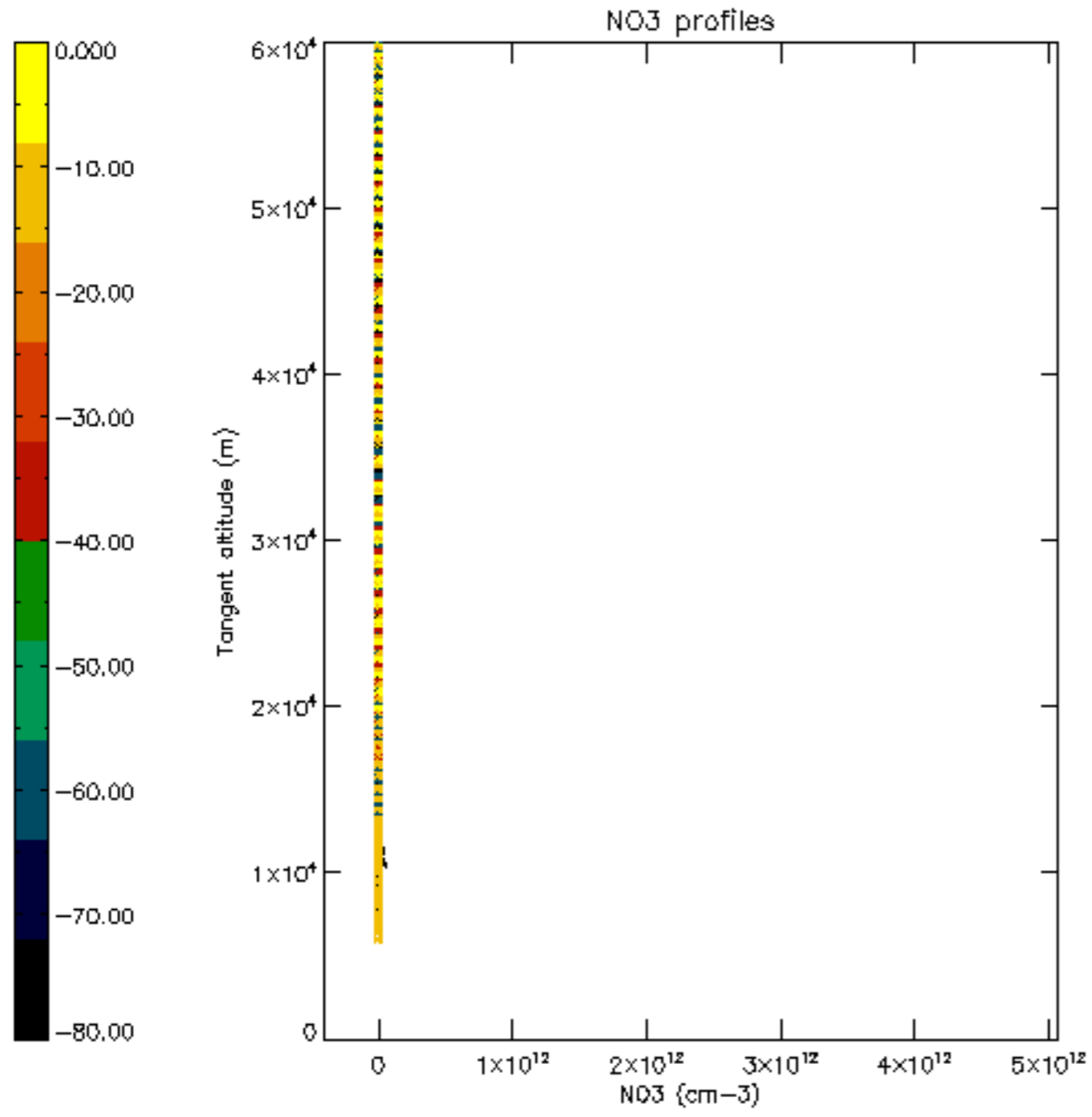


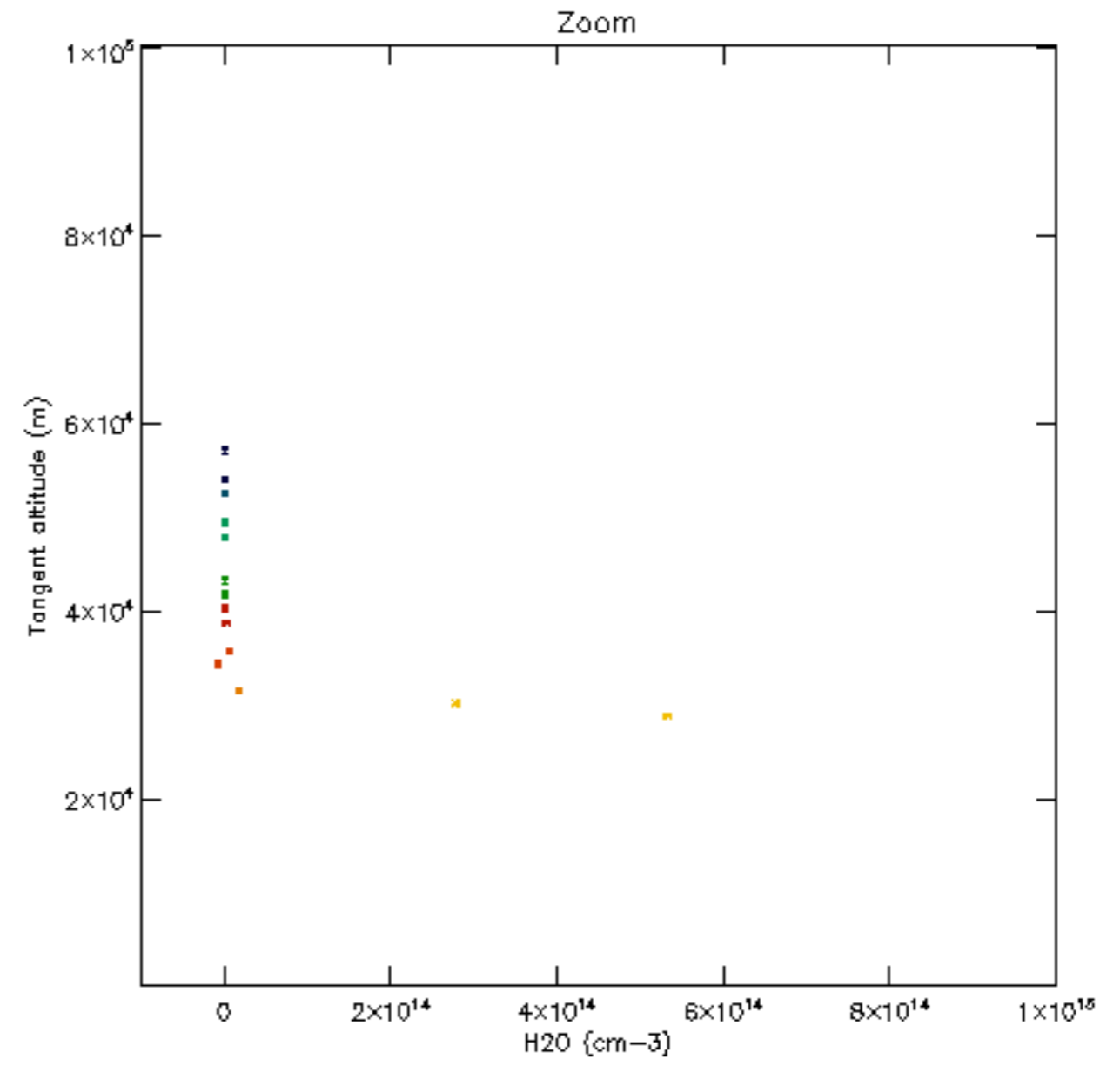
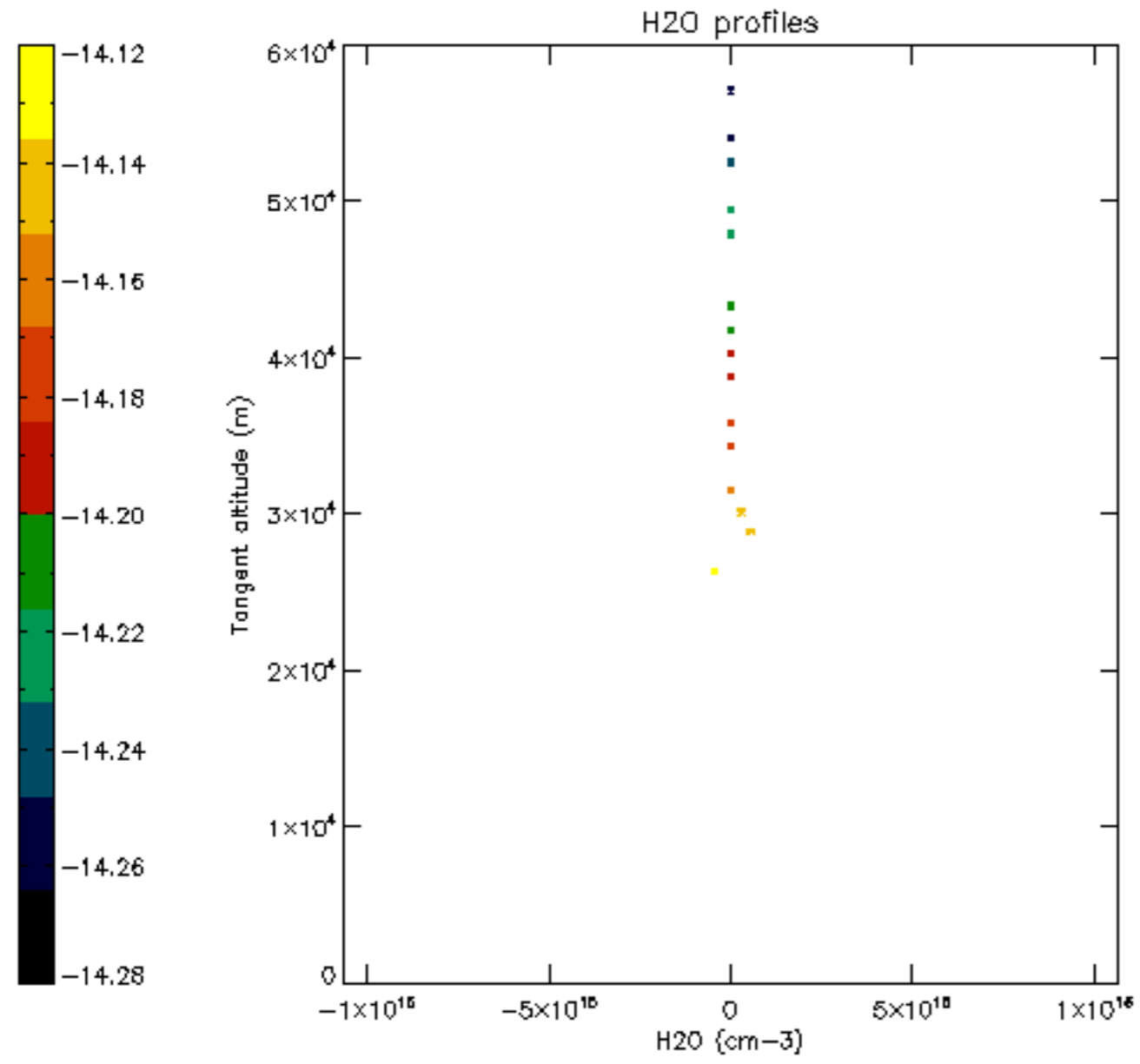


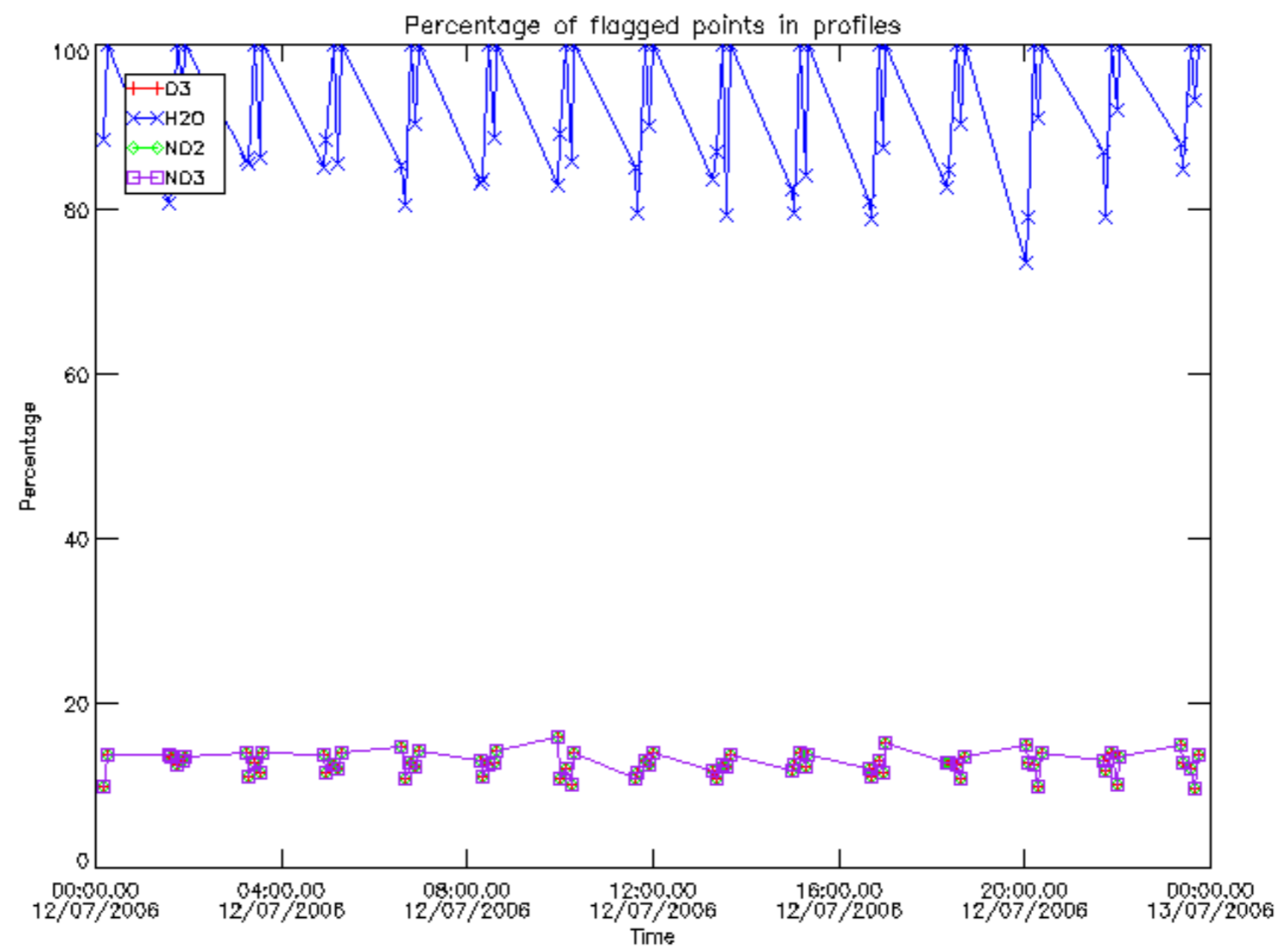




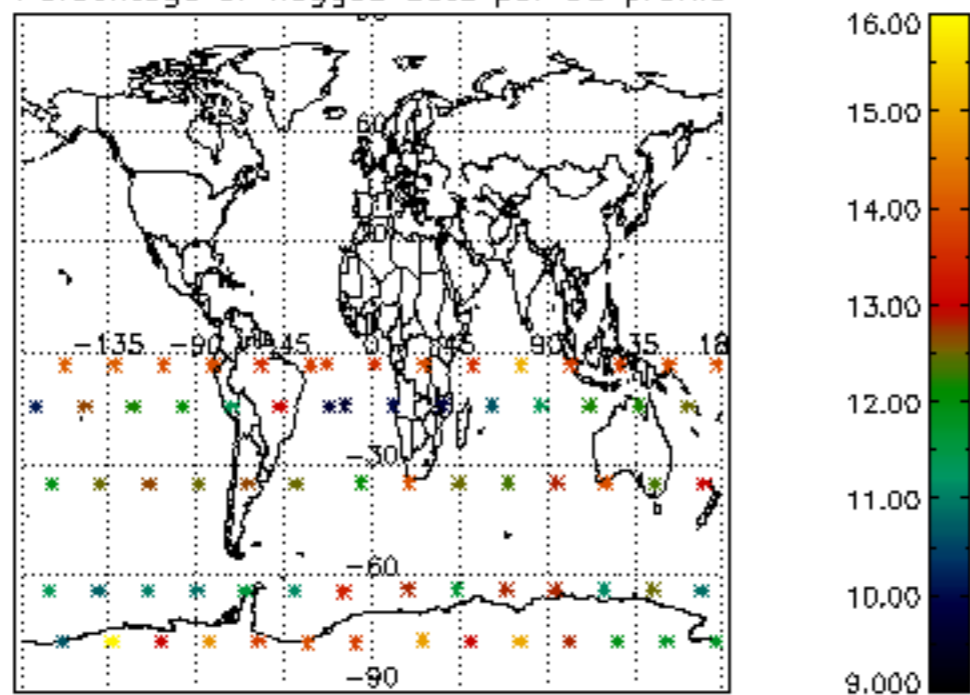




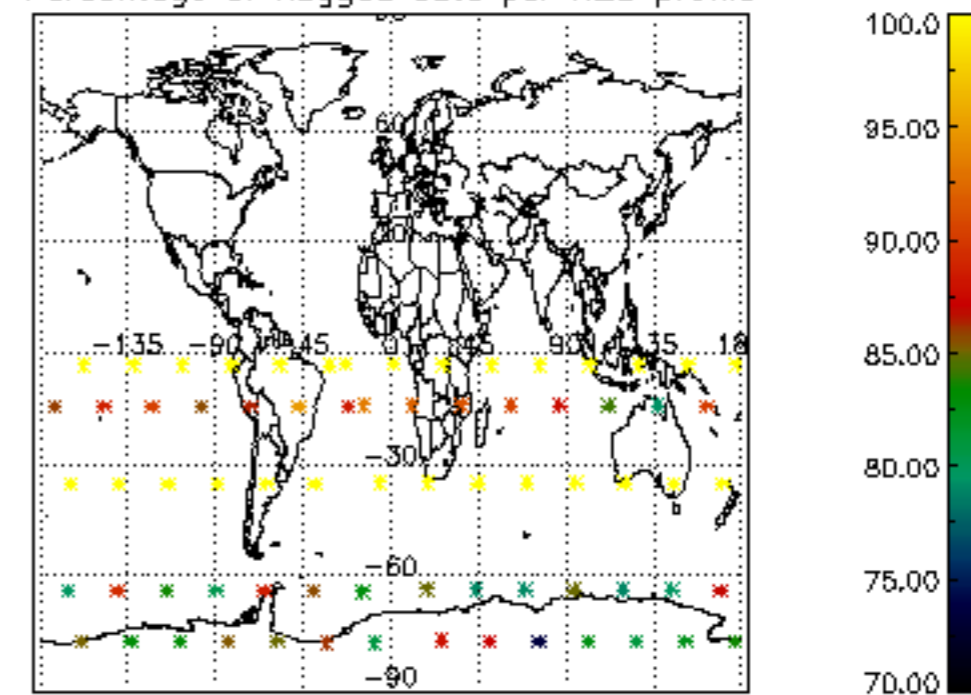




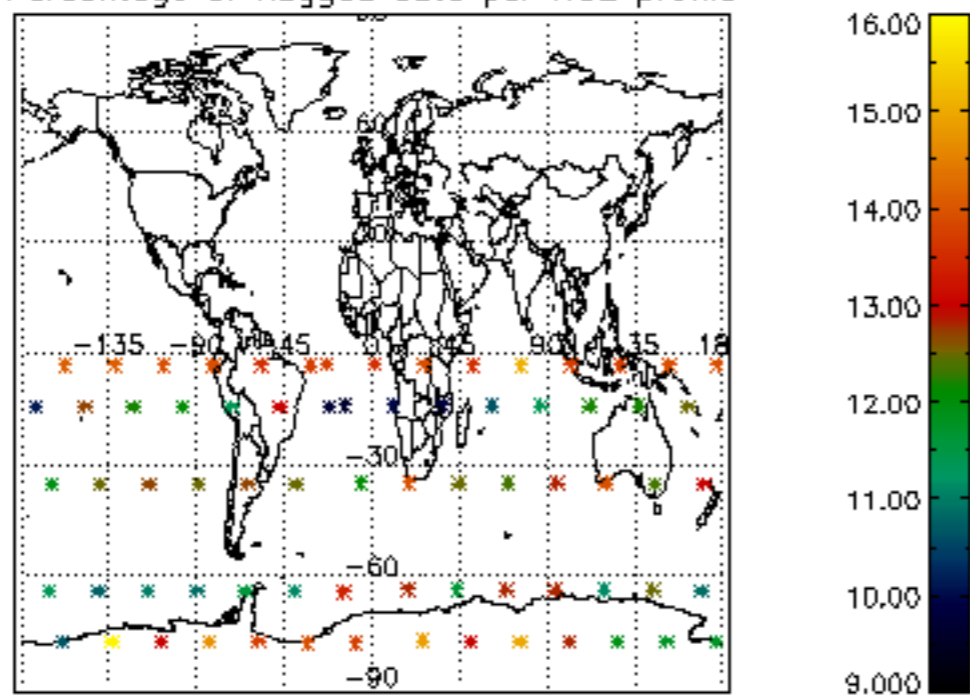
Percentage of flagged data per D3 profile



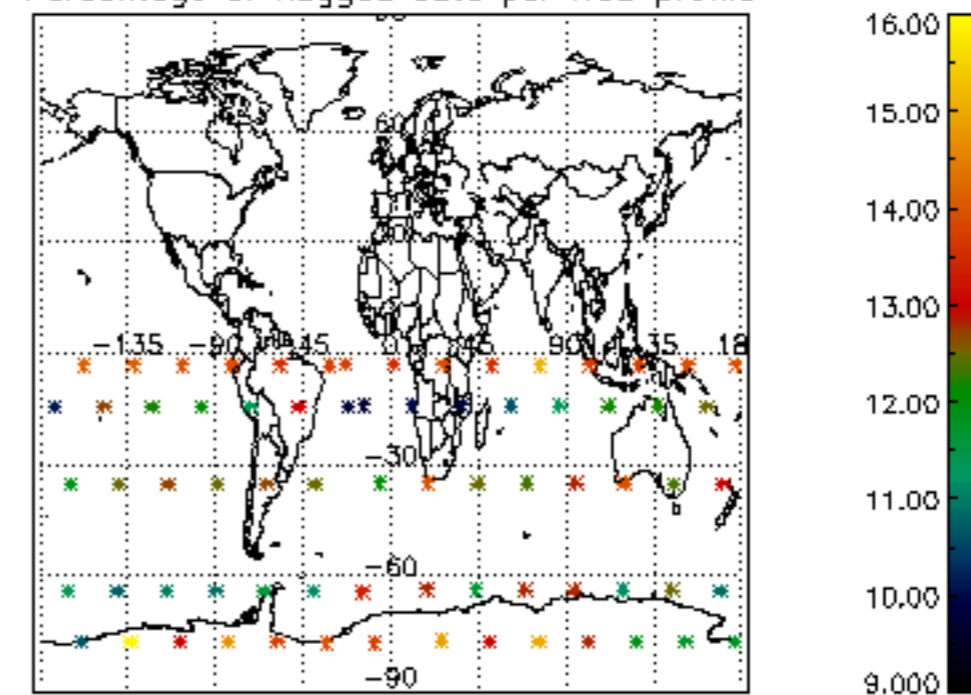
Percentage of flagged data per H2O profile

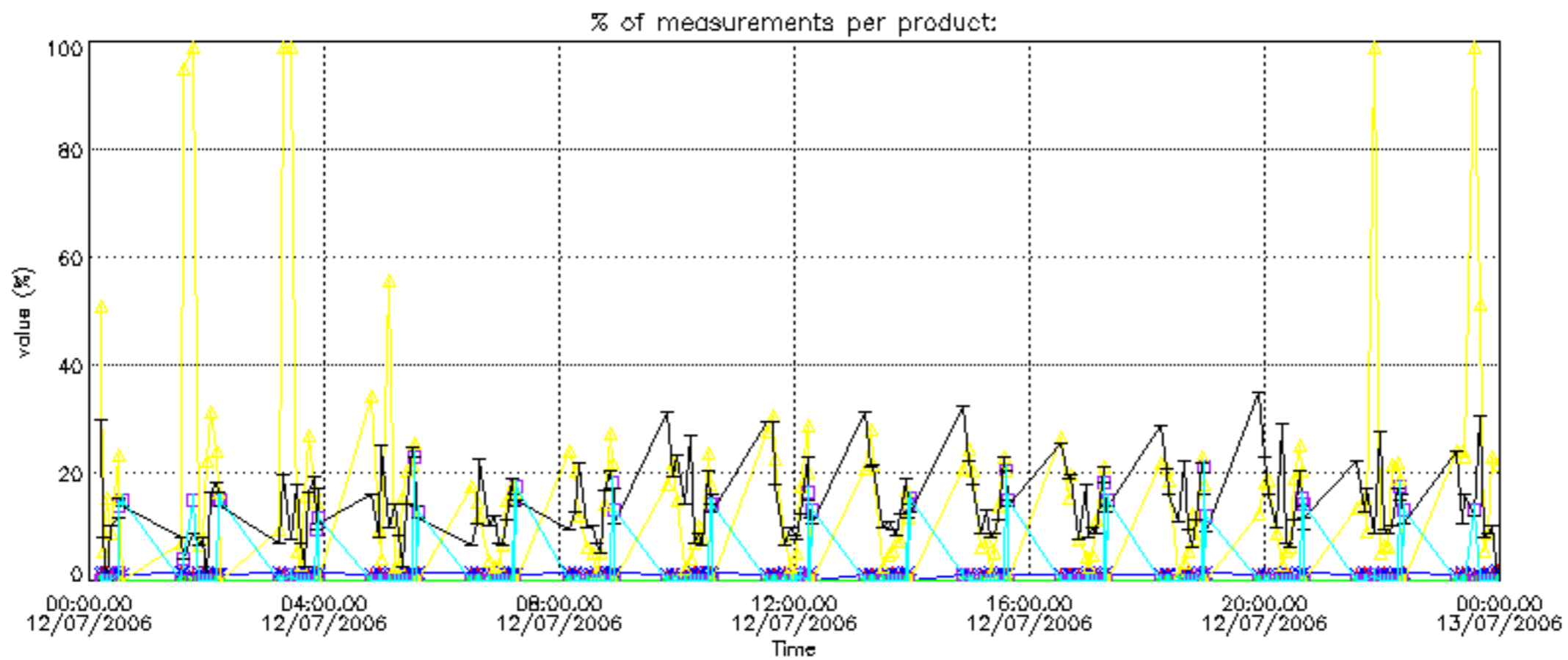


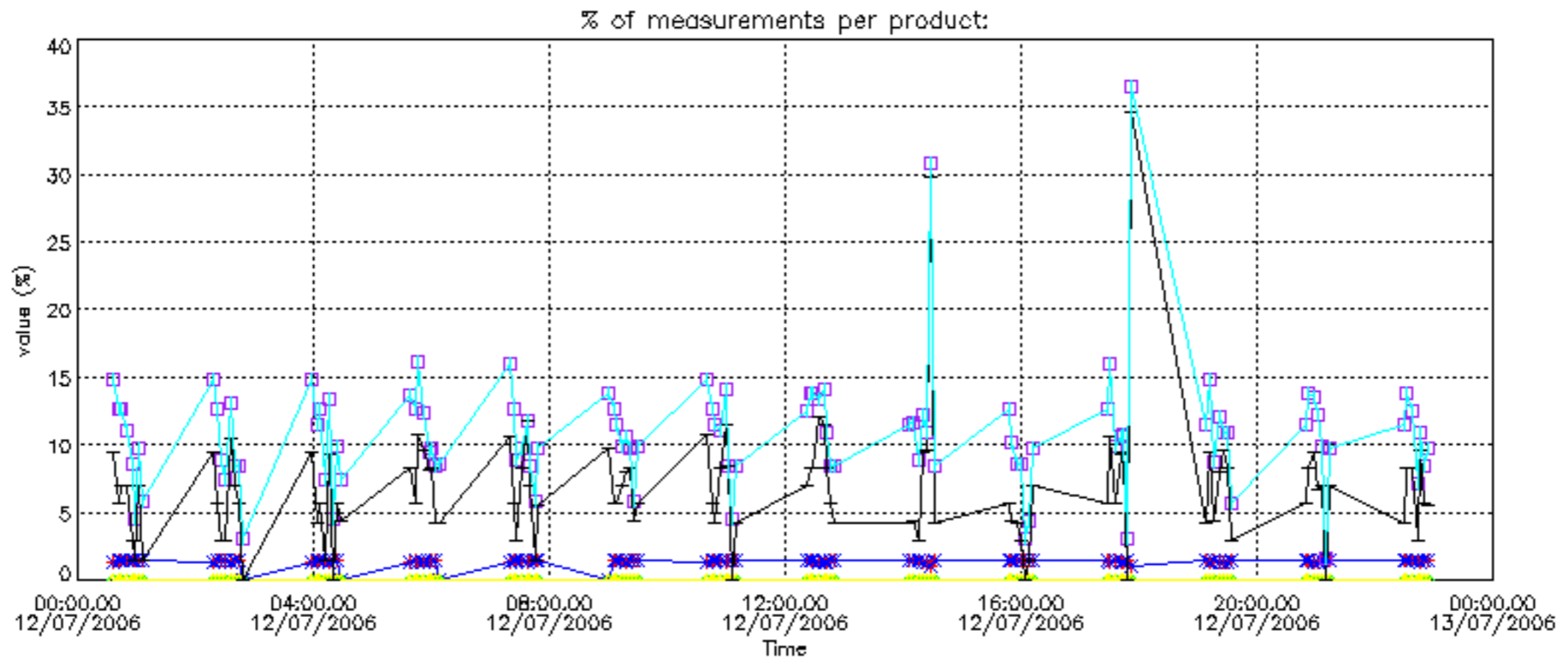
Percentage of flagged data per NO2 profile



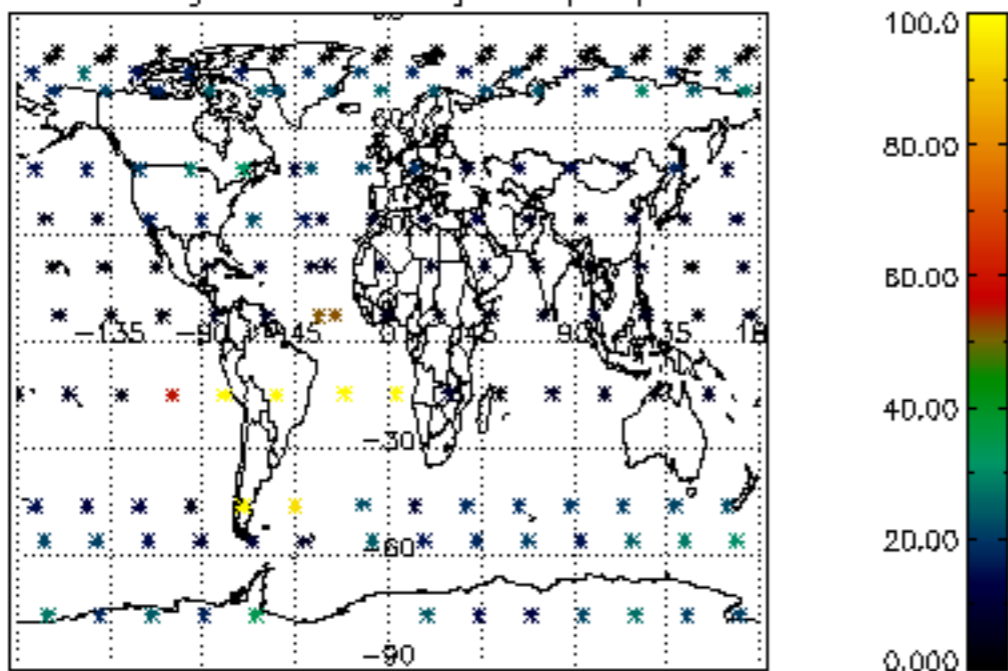
Percentage of flagged data per NO3 profile



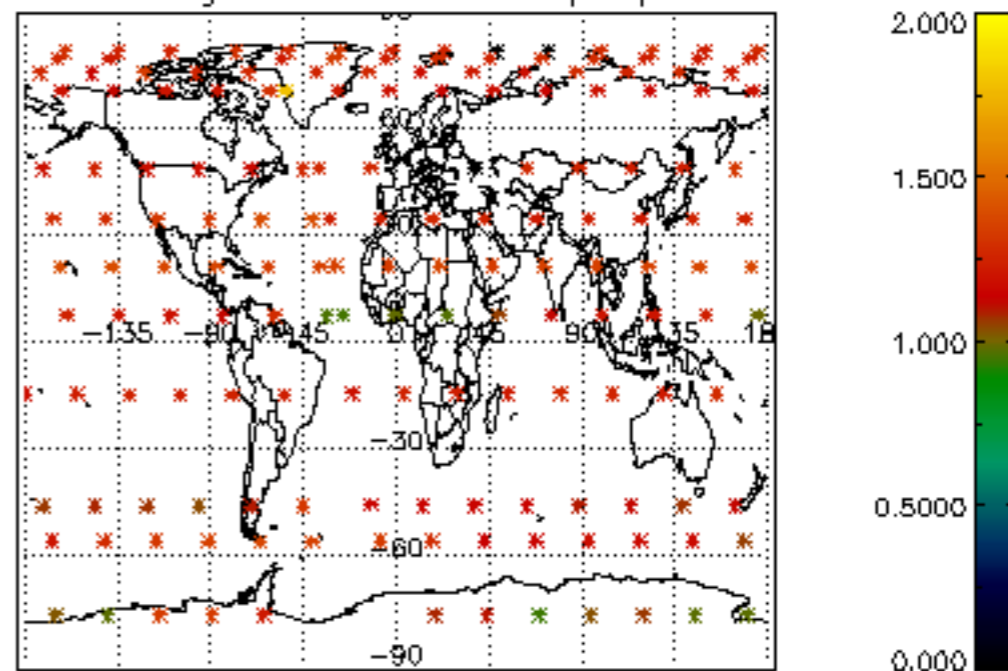




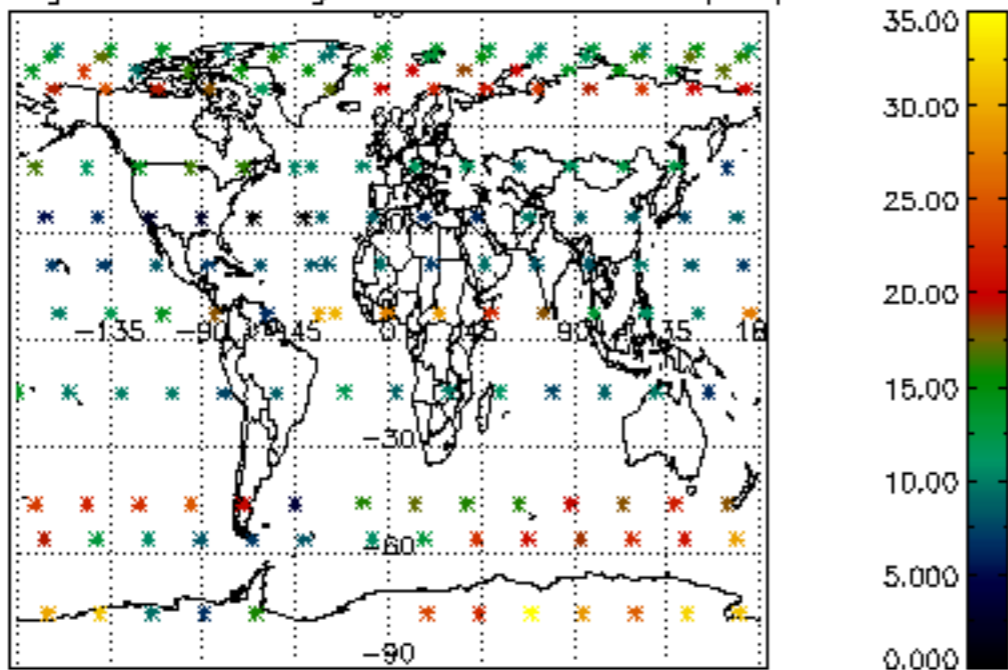
Percentage of cosmic ray hits per profile



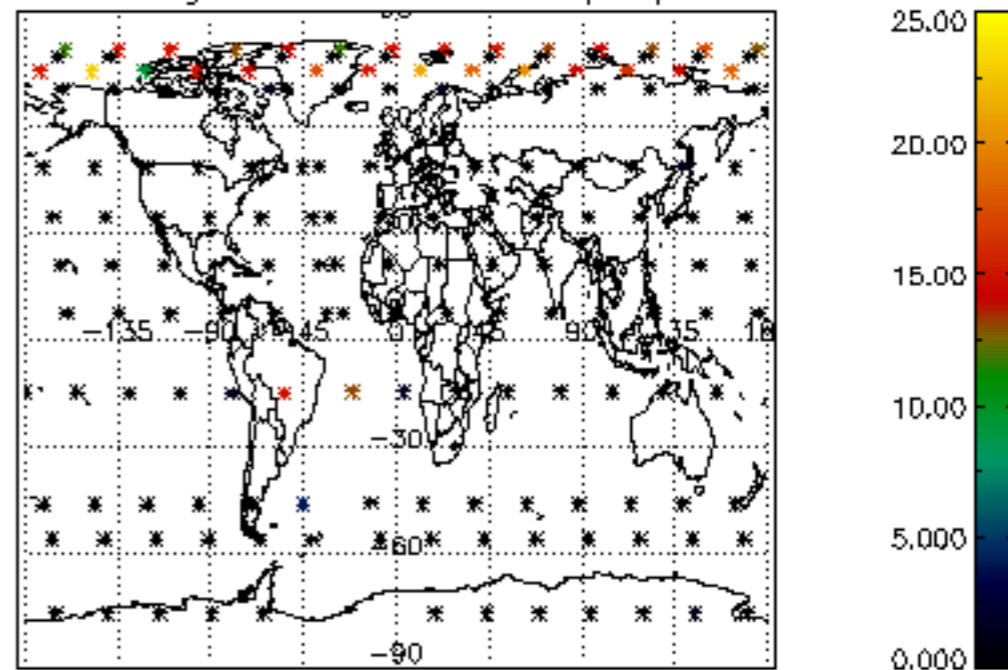
Percentage of datation errors per profile



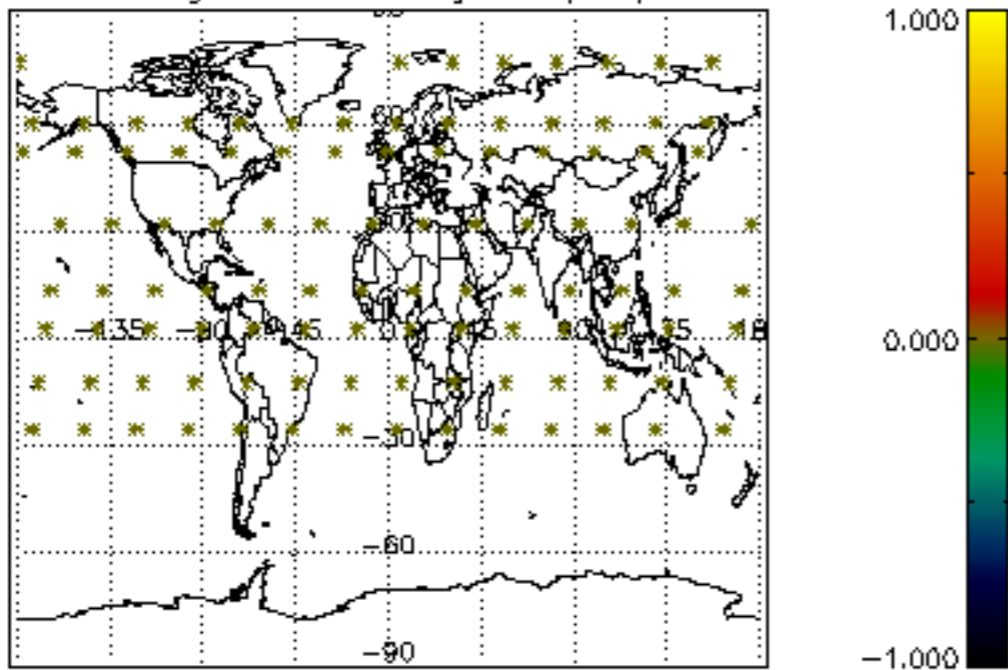
Percentage of star falling outside central band per profile



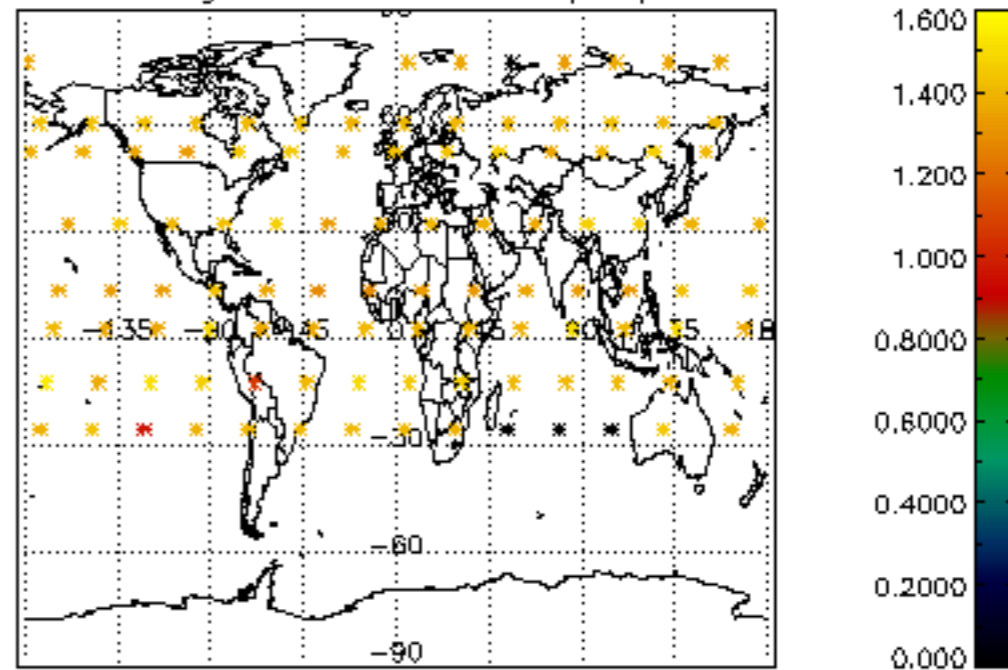
Percentage of saturation errors per profile



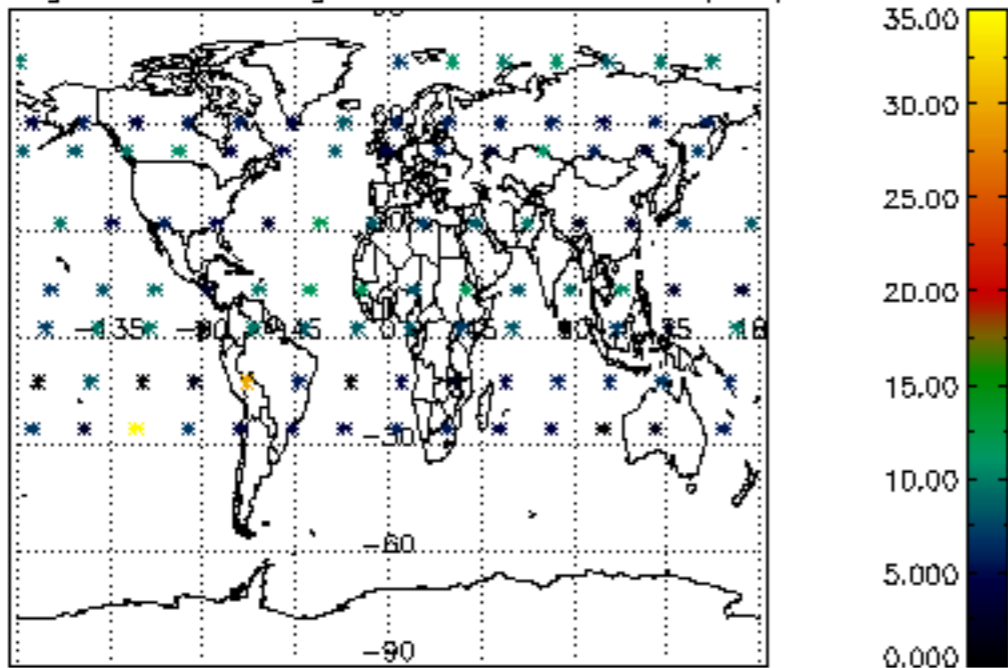
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

