

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 11:20:54
Data source version	GOMOS/6.01
Start time of products	30-05-2010 (30MAY2010 00:00:00)
Stop time of products	31-05-2010 (31MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	325
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__2PRFIN20100530_000321_000000482089_00474_43113_2241.N1	30-MAY-2010 00:03:21	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43113	No
2	GOM_NL__2PRFIN20100530_000805_000000552089_00474_43113_2242.N1	30-MAY-2010 00:08:05	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43113	No
3	GOM_NL__2PRFIN20100530_001544_000000462089_00474_43113_2243.N1	30-MAY-2010 00:15:44	Bright	46.000	53	43Bet And	2.0480	3300.0	92	43113	No
4	GOM_NL__2PRFIN20100530_001823_000000522089_00474_43113_2244.N1	30-MAY-2010 00:18:23	Twilight	51.500	58	21Alp And	2.0730	11000.	103	43113	No
5	GOM_NL__2PRFIN20100530_002310_000000492089_00474_43113_2245.N1	30-MAY-2010 00:23:10	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	43113	No
6	GOM_NL__2PRFIN20100530_003207_000000452089_00474_43113_2246.N1	30-MAY-2010 00:32:07	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	43113	No
7	GOM_NL__2PRFIN20100530_004400_000000452089_00475_43114_2233.N1	30-MAY-2010 00:44:00	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	43114	No
8	GOM_NL__2PRFIN20100530_004549_000000532089_00475_43114_2234.N1	30-MAY-2010 00:45:49	Dark	53.000	31	Alp Gru	1.7340	15200.	106	43114	No
9	GOM_NL__2PRFIN20100530_005055_000000442089_00475_43114_2235.N1	30-MAY-2010 00:50:55	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43114	No
10	GOM_NL__2PRFIN20100530_005831_000000412089_00475_43114_2236.N1	30-MAY-2010 00:58:31	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	43114	No
11	GOM_NL__2PRFIN20100530_010011_000000452089_00475_43114_2237.N1	30-MAY-2010 01:00:11	Straylight	44.500	40	The Sco	1.8590	7100.0	89	43114	No
12	GOM_NL__2PRFIN20100530_010200_000000472089_00475_43114_2238.N1	30-MAY-2010 01:02:00	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	43114	No
13	GOM_NL__2PRFIN20100530_010350_000000472089_00475_43114_2239.N1	30-MAY-2010 01:03:50	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	43114	No
14	GOM_NL__2PRFIN20100530_010554_000000482089_00475_43114_2240.N1	30-MAY-2010 01:05:54	Bright	48.000	136	23Tau Sco	2.8220	30000.	96	43114	No
15	GOM_NL__2PRFIN20100530_010801_000000402089_00475_43114_2241.N1	30-MAY-2010 01:08:01	Bright	39.500	80	7Del Sco	2.3160	30000.	79	43114	No
16	GOM_NL__2PRFIN20100530_010937_000000482089_00475_43114_2242.N1	30-MAY-2010 01:09:37	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43114	No
17	GOM_NL__2PRFIN20100530_011131_000000432089_00475_43114_2243.N1	30-MAY-2010 01:11:31	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43114	No
18	GOM_NL__2PRFIN20100530_011344_000000412089_00475_43114_2244.N1	30-MAY-2010 01:13:44	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	43114	No
19	GOM_NL__2PRFIN20100530_011645_000000382089_00475_43114_2245.N1	30-MAY-2010 01:16:45	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43114	No
20	GOM_NL__2PRFIN20100530_012243_000000392089_00475_43114_2246.N1	30-MAY-2010 01:22:43	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	43114	No
21	GOM_NL__2PRFIN20100530_012534_000000442089_00475_43114_2247.N1	30-MAY-2010 01:25:34	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	43114	No
22	GOM_NL__2PRFIN20100530_013323_000000362089_00475_43114_2248.N1	30-MAY-2010 01:33:23	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	43114	No
23	GOM_NL__2PRFIN20100530_014356_000000482089_00475_43114_2249.N1	30-MAY-2010 01:43:56	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43114	No
24	GOM_NL__2PRFIN20100530_014840_000000552089_00475_43114_2250.N1	30-MAY-2010 01:48:40	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43114	No
25	GOM_NL__2PRFIN20100530_015620_000000462089_00475_43114_2251.N1	30-MAY-2010 01:56:20	Bright	45.500	53	43Bet And	2.0480	3300.0	91	43114	No
26	GOM_NL__2PRFIN20100530_015859_000000512089_00475_43114_2252.N1	30-MAY-2010 01:58:59	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43114	No
27	GOM_NL__2PRFIN20100530_020346_000000492089_00475_43114_2253.N1	30-MAY-2010 02:03:46	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	43114	No
28	GOM_NL__2PRFIN20100530_021243_000000462089_00475_43114_2254.N1	30-MAY-2010 02:12:43	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43114	No
29	GOM_NL__2PRFIN20100530_022105_000000502089_00475_43114_2255.N1	30-MAY-2010 02:21:05	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	43114	No
30	GOM_NL__2PRFIN20100530_022436_000000532089_00476_43115_2241.N1	30-MAY-2010 02:24:36	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	43115	No
31	GOM_NL__2PRFIN20100530_022626_000000472089_00476_43115_2242.N1	30-MAY-2010 02:26:26	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43115	No
32	GOM_NL__2PRFIN20100530_023132_000000442089_00476_43115_2243.N1	30-MAY-2010 02:31:32	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43115	No
33	GOM_NL__2PRFIN20100530_023907_000000402089_00476_43115_2244.N1	30-MAY-2010 02:39:07	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	43115	No
34	GOM_NL__2PRFIN20100530_024048_000000482089_00476_43115_2245.N1	30-MAY-2010 02:40:48	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43115	No
35	GOM_NL__2PRFIN20100530_024236_000000492089_00476_43115_2246.N1	30-MAY-2010 02:42:36	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	43115	No
36	GOM_NL__2PRFIN20100530_024426_000000492089_00476_43115_2247.N1	30-MAY-2010 02:44:26	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	43115	No
37	GOM_NL__2PRFIN20100530_024630_000000422089_00476_43115_2248.N1	30-MAY-2010 02:46:30	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	43115	No
38	GOM_NL__2PRFIN20100530_024837_000000412089_00476_43115_2249.N1	30-MAY-2010 02:48:37	Bright	40.500	80	7Del Sco	2.3160	30000.	81	43115	No
39	GOM_NL__2PRFIN20100530_025013_000000482089_00476_43115_2250.N1	30-MAY-2010 02:50:13	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43115	No
40	GOM_NL__2PRFIN20100530_025207_000000442089_00476_43115_2251.N1	30-MAY-2010 02:52:07	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	43115	No
41	GOM_NL__2PRFIN20100530_025420_000000412089_00476_43115_2252.N1	30-MAY-2010 02:54:20	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	43115	No
42	GOM_NL__2PRFIN20100530_025721_000000382089_00476_43115_2253.N1	30-MAY-2010 02:57:21	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43115	No

43	GOM_NL__2PRFIN20100530_030318_000000362089_00476_43115_2254.N1	30-MAY-2010 03:03:18	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	43115	No
44	GOM_NL__2PRFIN20100530_030610_000000462089_00476_43115_2255.N1	30-MAY-2010 03:06:10	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43115	No
45	GOM_NL__2PRFIN20100530_031359_000000392089_00476_43115_2256.N1	30-MAY-2010 03:13:59	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43115	No
46	GOM_NL__2PRFIN20100530_032431_000000482089_00476_43115_2257.N1	30-MAY-2010 03:24:31	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43115	No
47	GOM_NL__2PRFIN20100530_032916_000000382089_00476_43115_2258.N1	30-MAY-2010 03:29:16	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43115	No
48	GOM_NL__2PRFIN20100530_033656_000000462089_00476_43115_2259.N1	30-MAY-2010 03:36:56	Bright	45.500	53	43Bet And	2.0480	3300.0	91	43115	No
49	GOM_NL__2PRFIN20100530_033935_000000522089_00476_43115_2260.N1	30-MAY-2010 03:39:35	Twilight	52.000	58	21Alp And	2.0730	11000.	104	43115	No
50	GOM_NL__2PRFIN20100530_034423_000000492089_00476_43115_2261.N1	30-MAY-2010 03:44:23	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	43115	No
51	GOM_NL__2PRFIN20100530_035320_000000532089_00476_43115_2262.N1	30-MAY-2010 03:53:20	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	43115	No
52	GOM_NL__2PRFIN20100530_040142_000000612089_00476_43115_2263.N1	30-MAY-2010 04:01:42	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	43115	No
53	GOM_NL__2PRFIN20100530_040513_000000462089_00477_43116_2249.N1	30-MAY-2010 04:05:13	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43116	No
54	GOM_NL__2PRFIN20100530_040703_000000452089_00477_43116_2250.N1	30-MAY-2010 04:07:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	43116	No
55	GOM_NL__2PRFIN20100530_041209_000000432089_00477_43116_2251.N1	30-MAY-2010 04:12:09	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43116	No
56	GOM_NL__2PRFIN20100530_041944_000000402089_00477_43116_2252.N1	30-MAY-2010 04:19:44	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	43116	No
57	GOM_NL__2PRFIN20100530_042124_000000462089_00477_43116_2253.N1	30-MAY-2010 04:21:24	Straylight	46.000	40	The Sco	1.8590	7100.0	92	43116	No
58	GOM_NL__2PRFIN20100530_042312_000000462089_00477_43116_2254.N1	30-MAY-2010 04:23:12	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	43116	No
59	GOM_NL__2PRFIN20100530_042503_000000432089_00477_43116_2255.N1	30-MAY-2010 04:25:03	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	43116	No
60	GOM_NL__2PRFIN20100530_042707_000000442089_00477_43116_2256.N1	30-MAY-2010 04:27:07	Bright	43.500	136	23Tau Sco	2.8220	30000.	87	43116	No
61	GOM_NL__2PRFIN20100530_042914_000000442089_00477_43116_2257.N1	30-MAY-2010 04:29:14	Bright	44.000	80	7Del Sco	2.3160	30000.	88	43116	No
62	GOM_NL__2PRFIN20100530_043049_000000482089_00477_43116_2258.N1	30-MAY-2010 04:30:49	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43116	No
63	GOM_NL__2PRFIN20100530_043243_000000442089_00477_43116_2259.N1	30-MAY-2010 04:32:43	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	43116	No
64	GOM_NL__2PRFIN20100530_043456_000000412089_00477_43116_2260.N1	30-MAY-2010 04:34:56	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43116	No
65	GOM_NL__2PRFIN20100530_043757_000000382089_00477_43116_2261.N1	30-MAY-2010 04:37:57	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43116	No
66	GOM_NL__2PRFIN20100530_044354_000000372089_00477_43116_2262.N1	30-MAY-2010 04:43:54	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	43116	No
67	GOM_NL__2PRFIN20100530_044645_000000462089_00477_43116_2263.N1	30-MAY-2010 04:46:45	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43116	No
68	GOM_NL__2PRFIN20100530_045434_000000422089_00477_43116_2264.N1	30-MAY-2010 04:54:34	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	43116	No
69	GOM_NL__2PRFIN20100530_050507_000000492089_00477_43116_2265.N1	30-MAY-2010 05:05:07	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43116	No
70	GOM_NL__2PRFIN20100530_050953_000000362089_00477_43116_2266.N1	30-MAY-2010 05:09:53	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43116	No
71	GOM_NL__2PRFIN20100530_051732_000000562089_00477_43116_2267.N1	30-MAY-2010 05:17:32	Bright	56.000	53	43Bet And	2.0480	3300.0	112	43116	No
72	GOM_NL__2PRFIN20100530_052011_000000512089_00477_43116_2268.N1	30-MAY-2010 05:20:11	Twilight	50.500	58	21Alp And	2.0730	11000.	101	43116	No
73	GOM_NL__2PRFIN20100530_052500_000000492089_00477_43116_2269.N1	30-MAY-2010 05:25:00	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	43116	No
74	GOM_NL__2PRFIN20100530_053356_000000462089_00477_43116_2270.N1	30-MAY-2010 05:33:56	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	43116	No
75	GOM_NL__2PRFIN20100530_054220_000000522089_00477_43116_2271.N1	30-MAY-2010 05:42:20	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	43116	No
76	GOM_NL__2PRFIN20100530_054550_000000622089_00478_43117_2257.N1	30-MAY-2010 05:45:50	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	43117	No
77	GOM_NL__2PRFIN20100530_054740_000000482089_00478_43117_2258.N1	30-MAY-2010 05:47:40	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43117	No
78	GOM_NL__2PRFIN20100530_055245_000000422089_00478_43117_2259.N1	30-MAY-2010 05:52:45	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43117	No
79	GOM_NL__2PRFIN20100530_060020_000000412089_00478_43117_2260.N1	30-MAY-2010 06:00:20	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	43117	No
80	GOM_NL__2PRFIN20100530_060201_000000472089_00478_43117_2261.N1	30-MAY-2010 06:02:01	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43117	No
81	GOM_NL__2PRFIN20100530_060349_000000472089_00478_43117_2262.N1	30-MAY-2010 06:03:49	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	43117	No
82	GOM_NL__2PRFIN20100530_060539_000000442089_00478_43117_2263.N1	30-MAY-2010 06:05:39	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	43117	No
83	GOM_NL__2PRFIN20100530_060743_000000452089_00478_43117_2264.N1	30-MAY-2010 06:07:43	Bright	44.500	136	23Tau Sco	2.8220	30000.	89	43117	No
84	GOM_NL__2PRFIN20100530_060950_000000422089_00478_43117_2265.N1	30-MAY-2010 06:09:50	Bright	42.000	80	7Del Sco	2.3160	30000.	84	43117	No
85	GOM_NL__2PRFIN20100530_061125_000000482089_00478_43117_2266.N1	30-MAY-2010 06:11:25	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43117	No
86	GOM_NL__2PRFIN20100530_061319_000000432089_00478_43117_2267.N1	30-MAY-2010 06:13:19	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43117	No
87	GOM_NL__2PRFIN20100530_061531_000000412089_00478_43117_2268.N1	30-MAY-2010 06:15:31	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43117	No
88	GOM_NL__2PRFIN20100530_061833_000000382089_00478_43117_2269.N1	30-MAY-2010 06:18:33	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43117	No
89	GOM_NL__2PRFIN20100530_062430_000000402089_00478_43117_2270.N1	30-MAY-2010 06:24:30	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	43117	No
90	GOM_NL__2PRFIN20100530_062720_000000472089_00478_43117_2271.N1	30-MAY-2010 06:27:20	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	43117	No
91	GOM_NL__2PRFIN20100530_063510_000000412089_00478_43117_2272.N1	30-MAY-2010 06:35:10	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43117	No
92	GOM_NL__2PRFIN20100530_064543_000000472089_00478_43117_2273.N1	30-MAY-2010 06:45:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43117	No
93	GOM_NL__2PRFIN20100530_065029_000000382089_00478_43117_2274.N1	30-MAY-2010 06:50:29	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43117	No
94	GOM_NL__2PRFIN20100530_065808_000000552089_00478_43117_2275.N1	30-MAY-2010 06:58:08	Bright	54.500	53	43Bet And	2.0480	3300.0	109	43117	No
95	GOM_NL__2PRFIN20100530_070047_000000512089_00478_43117_2276.N1	30-MAY-2010 07:00:47	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43117	No
96	GOM_NL__2PRFIN20100530_070536_000000502089_00478_43117_2277.N1	30-MAY-2010 07:05:36	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	43117	No
97	GOM_NL__2PRFIN20100530_071433_000000492089_00478_43117_2278.N1	30-MAY-2010 07:14:33	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	43117	No
98	GOM_NL__2PRFIN20100530_072257_000000652089_00478_43117_2279.N1	30-MAY-2010 07:22:57	Dark	64.500	18	24Alp PsA	1.1660	9700.0	129	43117	No
99	GOM_NL__2PRFIN20100530_072627_000000582089_00479_43118_2265.N1	30-MAY-2010 07:26:27	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	43118	No
100	GOM_NL__2PRFIN20100530_072817_000000462089_00479_43118_2266.N1	30-MAY-2010 07:28:17	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43118	No
101	GOM_NL__2PRFIN20100530_073322_000000422089_00479_43118_2267.N1	30-MAY-2010 07:33:22	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43118	No

102	GOM_NL__2PRFIN20100530_074056_000000412089_00479_43118_2268.N1	30-MAY-2010 07:40:56	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	43118	No
103	GOM_NL__2PRFIN20100530_074237_000000492089_00479_43118_2269.N1	30-MAY-2010 07:42:37	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43118	No
104	GOM_NL__2PRFIN20100530_074426_000000462089_00479_43118_2270.N1	30-MAY-2010 07:44:26	Twi_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	43118	No
105	GOM_NL__2PRFIN20100530_074615_000000482089_00479_43118_2271.N1	30-MAY-2010 07:46:15	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	43118	No
106	GOM_NL__2PRFIN20100530_074819_000000452089_00479_43118_2272.N1	30-MAY-2010 07:48:19	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	43118	No
107	GOM_NL__2PRFIN20100530_075026_000000422089_00479_43118_2273.N1	30-MAY-2010 07:50:26	Bright	42.000	80	7Del Sco	2.3160	30000.	84	43118	No
108	GOM_NL__2PRFIN20100530_075201_000000472089_00479_43118_2274.N1	30-MAY-2010 07:52:01	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	43118	No
109	GOM_NL__2PRFIN20100530_075355_000000442089_00479_43118_2275.N1	30-MAY-2010 07:53:55	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	43118	No
110	GOM_NL__2PRFIN20100530_075608_000000402089_00479_43118_2276.N1	30-MAY-2010 07:56:08	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	43118	No
111	GOM_NL__2PRFIN20100530_075909_000000382089_00479_43118_2277.N1	30-MAY-2010 07:59:09	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43118	No
112	GOM_NL__2PRFIN20100530_080506_000000382089_00479_43118_2278.N1	30-MAY-2010 08:05:06	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	43118	No
113	GOM_NL__2PRFIN20100530_080756_000000432089_00479_43118_2279.N1	30-MAY-2010 08:07:56	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	43118	No
114	GOM_NL__2PRFIN20100530_081546_000000402089_00479_43118_2280.N1	30-MAY-2010 08:15:46	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43118	No
115	GOM_NL__2PRFIN20100530_082618_000000592089_00479_43118_2281.N1	30-MAY-2010 08:26:18	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	43118	No
116	GOM_NL__2PRFIN20100530_083104_000000552089_00479_43118_2282.N1	30-MAY-2010 08:31:04	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43118	No
117	GOM_NL__2PRFIN20100530_083844_000000432089_00479_43118_2283.N1	30-MAY-2010 08:38:44	Bright	43.000	53	43Bet And	2.0480	3300.0	86	43118	No
118	GOM_NL__2PRFIN20100530_084124_000000522089_00479_43118_2284.N1	30-MAY-2010 08:41:24	Twi_and_stray	51.500	58	21Alp And	2.0730	11000.	103	43118	No
119	GOM_NL__2PRFIN20100530_084612_000000502089_00479_43118_2285.N1	30-MAY-2010 08:46:12	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	43118	No
120	GOM_NL__2PRFIN20100530_085509_000000472089_00479_43118_2286.N1	30-MAY-2010 08:55:09	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	43118	No
121	GOM_NL__2PRFIN20100530_090334_000000582089_00479_43118_2287.N1	30-MAY-2010 09:03:34	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	43118	No
122	GOM_NL__2PRFIN20100530_090704_000000502089_00480_43119_2293.N1	30-MAY-2010 09:07:04	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	43119	No
123	GOM_NL__2PRFIN20100530_090854_000000452089_00480_43119_2294.N1	30-MAY-2010 09:08:54	Dark	45.000	31	Alp Gru	1.7340	15200.	90	43119	No
124	GOM_NL__2PRFIN20100530_091359_000000422089_00480_43119_2295.N1	30-MAY-2010 09:13:59	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43119	No
125	GOM_NL__2PRFIN20100530_092133_000000422089_00480_43119_2296.N1	30-MAY-2010 09:21:33	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	43119	No
126	GOM_NL__2PRFIN20100530_092313_000000472089_00480_43119_2297.N1	30-MAY-2010 09:23:13	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43119	No
127	GOM_NL__2PRFIN20100530_092502_000000492089_00480_43119_2298.N1	30-MAY-2010 09:25:02	Twi_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	43119	No
128	GOM_NL__2PRFIN20100530_092651_000000512089_00480_43119_2299.N1	30-MAY-2010 09:26:51	Twi_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	43119	No
129	GOM_NL__2PRFIN20100530_092855_000000422089_00480_43119_2300.N1	30-MAY-2010 09:28:55	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	43119	No
130	GOM_NL__2PRFIN20100530_093102_000000392089_00480_43119_2301.N1	30-MAY-2010 09:31:02	Bright	38.500	80	7Del Sco	2.3160	30000.	77	43119	No
131	GOM_NL__2PRFIN20100530_093237_000000482089_00480_43119_2302.N1	30-MAY-2010 09:32:37	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	43119	No
132	GOM_NL__2PRFIN20100530_093431_000000432089_00480_43119_2303.N1	30-MAY-2010 09:34:31	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	43119	No
133	GOM_NL__2PRFIN20100530_093644_000000412089_00480_43119_2304.N1	30-MAY-2010 09:36:44	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43119	No
134	GOM_NL__2PRFIN20100530_093945_000000382089_00480_43119_2305.N1	30-MAY-2010 09:39:45	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43119	No
135	GOM_NL__2PRFIN20100530_094541_000000392089_00480_43119_2306.N1	30-MAY-2010 09:45:41	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	43119	No
136	GOM_NL__2PRFIN20100530_094831_000000432089_00480_43119_2307.N1	30-MAY-2010 09:48:31	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	43119	No
137	GOM_NL__2PRFIN20100530_095621_000000392089_00480_43119_2308.N1	30-MAY-2010 09:56:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43119	No
138	GOM_NL__2PRFIN20100530_100653_000000472089_00480_43119_2309.N1	30-MAY-2010 10:06:53	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43119	No
139	GOM_NL__2PRFIN20100530_101140_000000352089_00480_43119_2310.N1	30-MAY-2010 10:11:40	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	43119	No
140	GOM_NL__2PRFIN20100530_101920_000000512089_00480_43119_2311.N1	30-MAY-2010 10:19:20	Bright	51.000	53	43Bet And	2.0480	3300.0	102	43119	No
141	GOM_NL__2PRFIN20100530_102200_000000532089_00480_43119_2312.N1	30-MAY-2010 10:22:00	Twi_and_stray	53.000	58	21Alp And	2.0730	11000.	106	43119	No
142	GOM_NL__2PRFIN20100530_102649_000000502089_00480_43119_2313.N1	30-MAY-2010 10:26:49	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	43119	No
143	GOM_NL__2PRFIN20100530_103546_000000522089_00480_43119_2314.N1	30-MAY-2010 10:35:46	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43119	No
144	GOM_NL__2PRFIN20100530_104411_000000552089_00480_43119_2315.N1	30-MAY-2010 10:44:11	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	43119	No
145	GOM_NL__2PRFIN20100530_104740_000000482089_00481_43120_2301.N1	30-MAY-2010 10:47:40	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	43120	No
146	GOM_NL__2PRFIN20100530_104931_000000462089_00481_43120_2302.N1	30-MAY-2010 10:49:31	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43120	No
147	GOM_NL__2PRFIN20100530_105435_000000432089_00481_43120_2303.N1	30-MAY-2010 10:54:35	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43120	No
148	GOM_NL__2PRFIN20100530_110209_000000432089_00481_43120_2304.N1	30-MAY-2010 11:02:09	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	43120	No
149	GOM_NL__2PRFIN20100530_110350_000000472089_00481_43120_2305.N1	30-MAY-2010 11:03:50	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43120	No
150	GOM_NL__2PRFIN20100530_110538_000000482089_00481_43120_2306.N1	30-MAY-2010 11:05:38	Twi_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	43120	No
151	GOM_NL__2PRFIN20100530_110727_000000472089_00481_43120_2307.N1	30-MAY-2010 11:07:27	Twi_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	43120	No
152	GOM_NL__2PRFIN20100530_110931_000000442089_00481_43120_2308.N1	30-MAY-2010 11:09:31	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	43120	No
153	GOM_NL__2PRFIN20100530_111138_000000432089_00481_43120_2309.N1	30-MAY-2010 11:11:38	Bright	42.500	80	7Del Sco	2.3160	30000.	85	43120	No
154	GOM_NL__2PRFIN20100530_111313_000000462089_00481_43120_2310.N1	30-MAY-2010 11:13:13	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	43120	No
155	GOM_NL__2PRFIN20100530_111507_000000432089_00481_43120_2311.N1	30-MAY-2010 11:15:07	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	43120	No
156	GOM_NL__2PRFIN20100530_111719_000000412089_00481_43120_2312.N1	30-MAY-2010 11:17:19	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43120	No
157	GOM_NL__2PRFIN20100530_112020_000000382089_00481_43120_2313.N1	30-MAY-2010 11:20:20	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43120	No
158	GOM_NL__2PRFIN20100530_112617_000000392089_00481_43120_2314.N1	30-MAY-2010 11:26:17	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	43120	No
159	GOM_NL__2PRFIN20100530_112906_000000462089_00481_43120_2315.N1	30-MAY-2010 11:29:06	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43120	No
160	GOM_NL__2PRFIN20100530_113657_000000422089_00481_43120_2316.N1	30-MAY-2010 11:36:57	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43120	No

161	GOM_NL__2PRFIN20100530_114728_000000482089_00481_43120_2317.N1	30-MAY-2010 11:47:28	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43120	No
162	GOM_NL__2PRFIN20100530_115216_000000432089_00481_43120_2318.N1	30-MAY-2010 11:52:16	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	43120	No
163	GOM_NL__2PRFIN20100530_115956_000000472089_00481_43120_2319.N1	30-MAY-2010 11:59:56	Bright	46.500	53	43Bet And	2.0480	3300.0	93	43120	No
164	GOM_NL__2PRFIN20100530_120235_000000532089_00481_43120_2320.N1	30-MAY-2010 12:02:35	Twilight	52.500	58	21Alp And	2.0730	11000.	105	43120	No
165	GOM_NL__2PRFIN20100530_120725_000000522089_00481_43120_2321.N1	30-MAY-2010 12:07:25	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	43120	No
166	GOM_NL__2PRFIN20100530_121622_000000482089_00481_43120_2322.N1	30-MAY-2010 12:16:22	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	43120	No
167	GOM_NL__2PRFIN20100530_122448_000000522089_00481_43120_2323.N1	30-MAY-2010 12:24:48	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43120	No
168	GOM_NL__2PRFIN20100530_122817_000000462089_00482_43121_2309.N1	30-MAY-2010 12:28:17	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43121	No
169	GOM_NL__2PRFIN20100530_123007_000000482089_00482_43121_2310.N1	30-MAY-2010 12:30:07	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43121	No
170	GOM_NL__2PRFIN20100530_123512_000000422089_00482_43121_2311.N1	30-MAY-2010 12:35:12	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43121	No
171	GOM_NL__2PRFIN20100530_124245_000000422089_00482_43121_2312.N1	30-MAY-2010 12:42:45	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	43121	No
172	GOM_NL__2PRFIN20100530_124426_000000492089_00482_43121_2313.N1	30-MAY-2010 12:44:26	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43121	No
173	GOM_NL__2PRFIN20100530_124614_000000502089_00482_43121_2314.N1	30-MAY-2010 12:46:14	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	43121	No
174	GOM_NL__2PRFIN20100530_124804_000000472089_00482_43121_2315.N1	30-MAY-2010 12:48:04	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	43121	No
175	GOM_NL__2PRFIN20100530_125007_000000512089_00482_43121_2316.N1	30-MAY-2010 12:50:07	Bright	51.000	136	23Tau Sco	2.8220	30000.	102	43121	No
176	GOM_NL__2PRFIN20100530_125214_000000422089_00482_43121_2317.N1	30-MAY-2010 12:52:14	Bright	42.000	80	7Del Sco	2.3160	30000.	84	43121	No
177	GOM_NL__2PRFIN20100530_125349_000000492089_00482_43121_2318.N1	30-MAY-2010 12:53:49	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	43121	No
178	GOM_NL__2PRFIN20100530_125542_000000462089_00482_43121_2319.N1	30-MAY-2010 12:55:42	Bright	45.500	98	13Zet Oph	2.5710	30000.	91	43121	No
179	GOM_NL__2PRFIN20100530_125755_000000412089_00482_43121_2320.N1	30-MAY-2010 12:57:55	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43121	No
180	GOM_NL__2PRFIN20100530_130056_000000382089_00482_43121_2321.N1	30-MAY-2010 13:00:56	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43121	No
181	GOM_NL__2PRFIN20100530_130653_000000412089_00482_43121_2322.N1	30-MAY-2010 13:06:53	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	43121	No
182	GOM_NL__2PRFIN20100530_130942_000000432089_00482_43121_2323.N1	30-MAY-2010 13:09:42	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	43121	No
183	GOM_NL__2PRFIN20100530_131733_000000362089_00482_43121_2324.N1	30-MAY-2010 13:17:33	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	43121	No
184	GOM_NL__2PRFIN20100530_132804_000000482089_00482_43121_2325.N1	30-MAY-2010 13:28:04	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43121	No
185	GOM_NL__2PRFIN20100530_133252_000000552089_00482_43121_2326.N1	30-MAY-2010 13:32:52	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43121	No
186	GOM_NL__2PRFIN20100530_134032_000000442089_00482_43121_2327.N1	30-MAY-2010 13:40:32	Bright	44.000	53	43Bet And	2.0480	3300.0	88	43121	No
187	GOM_NL__2PRFIN20100530_134312_000000522089_00482_43121_2328.N1	30-MAY-2010 13:43:12	Twilight	51.500	58	21Alp And	2.0730	11000.	103	43121	No
188	GOM_NL__2PRFIN20100530_134801_000000492089_00482_43121_2329.N1	30-MAY-2010 13:48:01	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	43121	No
189	GOM_NL__2PRFIN20100530_135659_000000462089_00482_43121_2330.N1	30-MAY-2010 13:56:59	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	43121	No
190	GOM_NL__2PRFIN20100530_140526_000000652089_00482_43121_2331.N1	30-MAY-2010 14:05:26	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	43121	No
191	GOM_NL__2PRFIN20100530_140854_000000532089_00483_43122_2317.N1	30-MAY-2010 14:08:54	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	43122	No
192	GOM_NL__2PRFIN20100530_141044_000000472089_00483_43122_2318.N1	30-MAY-2010 14:10:44	Dark	46.500	31	Alp Gru	1.7340	15200.	93	43122	No
193	GOM_NL__2PRFIN20100530_141549_000000432089_00483_43122_2319.N1	30-MAY-2010 14:15:49	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43122	No
194	GOM_NL__2PRFIN20100530_142322_000000402089_00483_43122_2320.N1	30-MAY-2010 14:23:22	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	43122	No
195	GOM_NL__2PRFIN20100530_142502_000000482089_00483_43122_2321.N1	30-MAY-2010 14:25:02	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43122	No
196	GOM_NL__2PRFIN20100530_142651_000000502089_00483_43122_2322.N1	30-MAY-2010 14:26:51	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	43122	No
197	GOM_NL__2PRFIN20100530_142840_000000482089_00483_43122_2323.N1	30-MAY-2010 14:28:40	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	43122	No
198	GOM_NL__2PRFIN20100530_143044_000000462089_00483_43122_2324.N1	30-MAY-2010 14:30:44	Bright	45.500	136	23Tau Sco	2.8220	30000.	91	43122	No
199	GOM_NL__2PRFIN20100530_143250_000000432089_00483_43122_2325.N1	30-MAY-2010 14:32:50	Bright	42.500	80	7Del Sco	2.3160	30000.	85	43122	No
200	GOM_NL__2PRFIN20100530_143425_000000472089_00483_43122_2326.N1	30-MAY-2010 14:34:25	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	43122	No
201	GOM_NL__2PRFIN20100530_143618_000000432089_00483_43122_2327.N1	30-MAY-2010 14:36:18	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43122	No
202	GOM_NL__2PRFIN20100530_143831_000000432089_00483_43122_2328.N1	30-MAY-2010 14:38:31	Bright	42.500	120	1Del Oph	2.7340	3200.0	85	43122	No
203	GOM_NL__2PRFIN20100530_144132_000000382089_00483_43122_2329.N1	30-MAY-2010 14:41:32	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43122	No
204	GOM_NL__2PRFIN20100530_144729_000000392089_00483_43122_2330.N1	30-MAY-2010 14:47:29	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	43122	No
205	GOM_NL__2PRFIN20100530_145017_000000452089_00483_43122_2331.N1	30-MAY-2010 14:50:17	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	43122	No
206	GOM_NL__2PRFIN20100530_145808_000000402089_00483_43122_2332.N1	30-MAY-2010 14:58:08	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43122	No
207	GOM_NL__2PRFIN20100530_150839_000000482089_00483_43122_2333.N1	30-MAY-2010 15:08:39	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43122	No
208	GOM_NL__2PRFIN20100530_151328_000000552089_00483_43122_2334.N1	30-MAY-2010 15:13:28	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43122	No
209	GOM_NL__2PRFIN20100530_152108_000000482089_00483_43122_2335.N1	30-MAY-2010 15:21:08	Bright	47.500	53	43Bet And	2.0480	3300.0	95	43122	No
210	GOM_NL__2PRFIN20100530_152348_000000502089_00483_43122_2336.N1	30-MAY-2010 15:23:48	Twilight	50.000	58	21Alp And	2.0730	11000.	100	43122	No
211	GOM_NL__2PRFIN20100530_152838_000000482089_00483_43122_2337.N1	30-MAY-2010 15:28:38	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	43122	No
212	GOM_NL__2PRFIN20100530_153735_000000452089_00483_43122_2338.N1	30-MAY-2010 15:37:35	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43122	No
213	GOM_NL__2PRFIN20100530_154602_000000622089_00483_43122_2339.N1	30-MAY-2010 15:46:02	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	43122	No
214	GOM_NL__2PRFIN20100530_154931_000000462089_00484_43123_2325.N1	30-MAY-2010 15:49:31	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43123	No
215	GOM_NL__2PRFIN20100530_155121_000000492089_00484_43123_2326.N1	30-MAY-2010 15:51:21	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43123	No
216	GOM_NL__2PRFIN20100530_155625_000000422089_00484_43123_2327.N1	30-MAY-2010 15:56:25	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43123	No
217	GOM_NL__2PRFIN20100530_160358_000000402089_00484_43123_2328.N1	30-MAY-2010 16:03:58	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	43123	No
218	GOM_NL__2PRFIN20100530_160539_000000492089_00484_43123_2329.N1	30-MAY-2010 16:05:39	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43123	No
219	GOM_NL__2PRFIN20100530_160727_000000492089_00484_43123_2330.N1	30-MAY-2010 16:07:27	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	43123	No

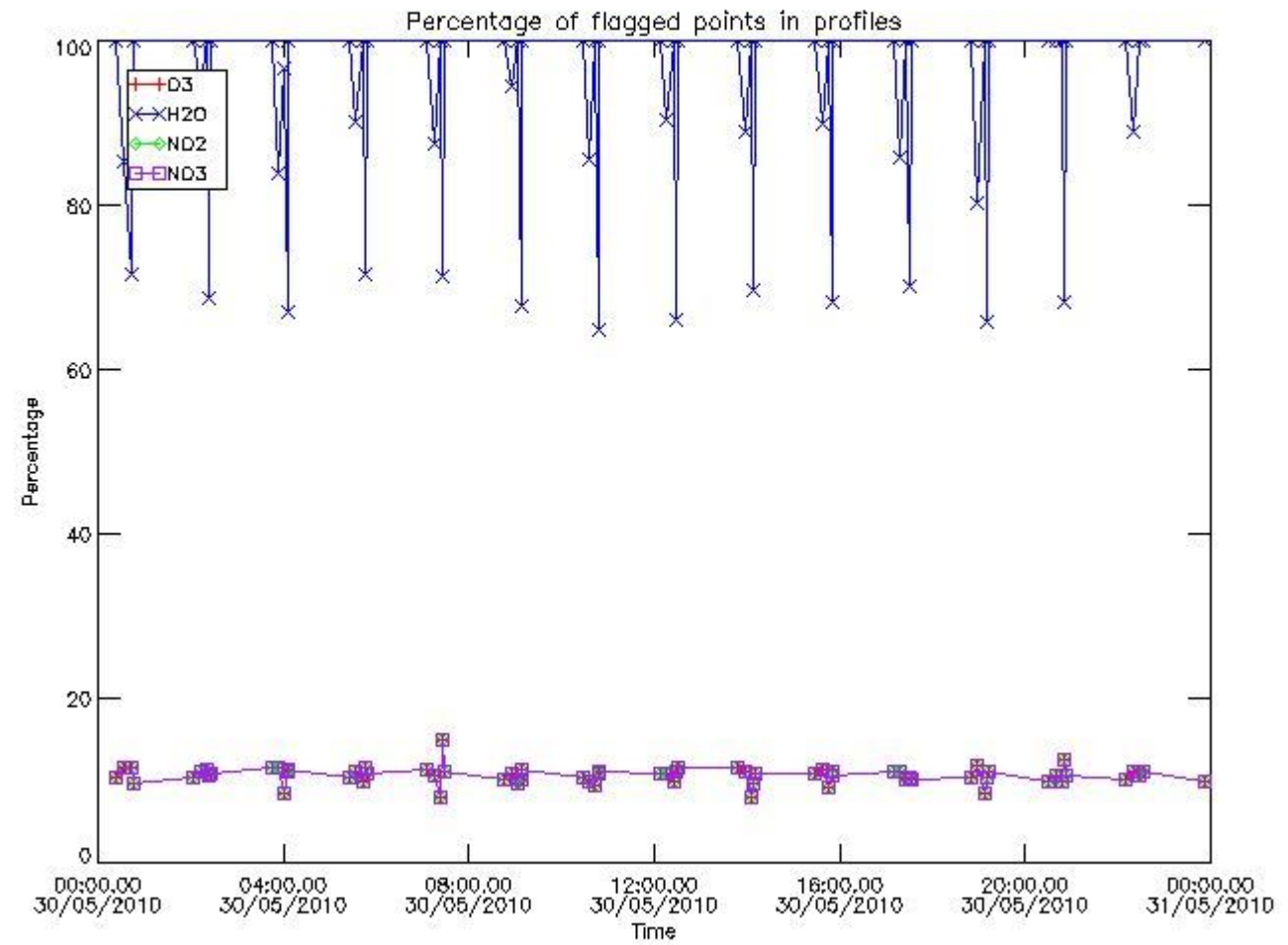
220	GOM_NL__2PRFIN20100530_160916_000000452089_00484_43123_2331.N1	30-MAY-2010 16:09:16	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	43123	No
221	GOM_NL__2PRFIN20100530_161120_000000452089_00484_43123_2332.N1	30-MAY-2010 16:11:20	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	43123	No
222	GOM_NL__2PRFIN20100530_161326_000000452089_00484_43123_2333.N1	30-MAY-2010 16:13:26	Bright	44.500	80	7Del Sco	2.3160	30000.	89	43123	No
223	GOM_NL__2PRFIN20100530_161501_000000462089_00484_43123_2334.N1	30-MAY-2010 16:15:01	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	43123	No
224	GOM_NL__2PRFIN20100530_161654_000000442089_00484_43123_2335.N1	30-MAY-2010 16:16:54	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	43123	No
225	GOM_NL__2PRFIN20100530_161907_000000412089_00484_43123_2336.N1	30-MAY-2010 16:19:07	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43123	No
226	GOM_NL__2PRFIN20100530_162208_000000372089_00484_43123_2337.N1	30-MAY-2010 16:22:08	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	43123	No
227	GOM_NL__2PRFIN20100530_162805_000000382089_00484_43123_2338.N1	30-MAY-2010 16:28:05	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	43123	No
228	GOM_NL__2PRFIN20100530_163053_000000452089_00484_43123_2339.N1	30-MAY-2010 16:30:53	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	43123	No
229	GOM_NL__2PRFIN20100530_163844_000000412089_00484_43123_2340.N1	30-MAY-2010 16:38:44	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43123	No
230	GOM_NL__2PRFIN20100530_164915_000000492089_00484_43123_2341.N1	30-MAY-2010 16:49:15	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43123	No
231	GOM_NL__2PRFIN20100530_165404_000000552089_00484_43123_2342.N1	30-MAY-2010 16:54:04	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43123	No
232	GOM_NL__2PRFIN20100530_170144_000000482089_00484_43123_2343.N1	30-MAY-2010 17:01:44	Bright	48.000	53	43Bet And	2.0480	3300.0	96	43123	No
233	GOM_NL__2PRFIN20100530_170424_000000522089_00484_43123_2344.N1	30-MAY-2010 17:04:24	Twilight	51.500	58	21Alp And	2.0730	11000.	103	43123	No
234	GOM_NL__2PRFIN20100530_170914_000000502089_00484_43123_2345.N1	30-MAY-2010 17:09:14	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	43123	No
235	GOM_NL__2PRFIN20100530_171812_000000462089_00484_43123_2346.N1	30-MAY-2010 17:18:12	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43123	No
236	GOM_NL__2PRFIN20100530_172640_000000512089_00484_43123_2347.N1	30-MAY-2010 17:26:40	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	43123	No
237	GOM_NL__2PRFIN20100530_173008_000000592089_00485_43124_2341.N1	30-MAY-2010 17:30:08	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43124	No
238	GOM_NL__2PRFIN20100530_173158_000000512089_00485_43124_2342.N1	30-MAY-2010 17:31:58	Dark	50.500	31	Alp Gru	1.7340	15200.	101	43124	No
239	GOM_NL__2PRFIN20100530_173702_000000432089_00485_43124_2343.N1	30-MAY-2010 17:37:02	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43124	No
240	GOM_NL__2PRFIN20100530_174435_000000402089_00485_43124_2344.N1	30-MAY-2010 17:44:35	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	43124	No
241	GOM_NL__2PRFIN20100530_174615_000000492089_00485_43124_2345.N1	30-MAY-2010 17:46:15	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43124	No
242	GOM_NL__2PRFIN20100530_174804_000000502089_00485_43124_2346.N1	30-MAY-2010 17:48:04	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	43124	No
243	GOM_NL__2PRFIN20100530_174953_000000482089_00485_43124_2347.N1	30-MAY-2010 17:49:53	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	43124	No
244	GOM_NL__2PRFIN20100530_175156_000000572089_00485_43124_2348.N1	30-MAY-2010 17:51:56	Bright	57.000	136	23Tau Sco	2.8220	30000.	114	43124	No
245	GOM_NL__2PRFIN20100530_175402_000000442089_00485_43124_2349.N1	30-MAY-2010 17:54:02	Bright	43.500	80	7Del Sco	2.3160	30000.	87	43124	No
246	GOM_NL__2PRFIN20100530_175538_000000492089_00485_43124_2350.N1	30-MAY-2010 17:55:38	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	43124	No
247	GOM_NL__2PRFIN20100530_175731_000000422089_00485_43124_2351.N1	30-MAY-2010 17:57:31	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	43124	No
248	GOM_NL__2PRFIN20100530_175943_000000402089_00485_43124_2352.N1	30-MAY-2010 17:59:43	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	43124	No
249	GOM_NL__2PRFIN20100530_180244_000000372089_00485_43124_2353.N1	30-MAY-2010 18:02:44	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	43124	No
250	GOM_NL__2PRFIN20100530_180840_000000402089_00485_43124_2354.N1	30-MAY-2010 18:08:40	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	43124	No
251	GOM_NL__2PRFIN20100530_181128_000000462089_00485_43124_2355.N1	30-MAY-2010 18:11:28	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43124	No
252	GOM_NL__2PRFIN20100530_181920_000000382089_00485_43124_2356.N1	30-MAY-2010 18:19:20	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43124	No
253	GOM_NL__2PRFIN20100530_182950_000000482089_00485_43124_2357.N1	30-MAY-2010 18:29:50	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43124	No
254	GOM_NL__2PRFIN20100530_183440_000000512089_00485_43124_2358.N1	30-MAY-2010 18:34:40	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43124	No
255	GOM_NL__2PRFIN20100530_184220_000000562089_00485_43124_2359.N1	30-MAY-2010 18:42:20	Bright	56.000	53	43Bet And	2.0480	3300.0	112	43124	No
256	GOM_NL__2PRFIN20100530_184500_000000532089_00485_43124_2360.N1	30-MAY-2010 18:45:00	Twilight	53.000	58	21Alp And	2.0730	11000.	106	43124	No
257	GOM_NL__2PRFIN20100530_184951_000000502089_00485_43124_2361.N1	30-MAY-2010 18:49:51	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	43124	No
258	GOM_NL__2PRFIN20100530_185848_000000442089_00485_43124_2362.N1	30-MAY-2010 18:58:48	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	43124	No
259	GOM_NL__2PRFIN20100530_190717_000000612089_00485_43124_2363.N1	30-MAY-2010 19:07:17	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	43124	No
260	GOM_NL__2PRFIN20100530_191044_000000552089_00486_43125_2349.N1	30-MAY-2010 19:10:44	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	43125	No
261	GOM_NL__2PRFIN20100530_191235_000000462089_00486_43125_2350.N1	30-MAY-2010 19:12:35	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43125	No
262	GOM_NL__2PRFIN20100530_191739_000000432089_00486_43125_2351.N1	30-MAY-2010 19:17:39	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43125	No
263	GOM_NL__2PRFIN20100530_192511_000000402089_00486_43125_2352.N1	30-MAY-2010 19:25:11	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	43125	No
264	GOM_NL__2PRFIN20100530_192652_000000472089_00486_43125_2353.N1	30-MAY-2010 19:26:52	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43125	No
265	GOM_NL__2PRFIN20100530_192840_000000502089_00486_43125_2354.N1	30-MAY-2010 19:28:40	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	43125	No
266	GOM_NL__2PRFIN20100530_193029_000000472089_00486_43125_2355.N1	30-MAY-2010 19:30:29	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	43125	No
267	GOM_NL__2PRFIN20100530_193232_000000492089_00486_43125_2356.N1	30-MAY-2010 19:32:32	Bright	48.500	136	23Tau Sco	2.8220	30000.	97	43125	No
268	GOM_NL__2PRFIN20100530_193438_000000422089_00486_43125_2357.N1	30-MAY-2010 19:34:38	Bright	41.500	80	7Del Sco	2.3160	30000.	83	43125	No
269	GOM_NL__2PRFIN20100530_193614_000000482089_00486_43125_2358.N1	30-MAY-2010 19:36:14	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	43125	No
270	GOM_NL__2PRFIN20100530_193806_000000432089_00486_43125_2359.N1	30-MAY-2010 19:38:06	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43125	No
271	GOM_NL__2PRFIN20100530_194019_000000402089_00486_43125_2360.N1	30-MAY-2010 19:40:19	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	43125	No
272	GOM_NL__2PRFIN20100530_194320_000000382089_00486_43125_2361.N1	30-MAY-2010 19:43:20	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43125	No
273	GOM_NL__2PRFIN20100530_194916_000000382089_00486_43125_2362.N1	30-MAY-2010 19:49:16	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	43125	No
274	GOM_NL__2PRFIN20100530_195204_000000462089_00486_43125_2363.N1	30-MAY-2010 19:52:04	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	43125	No
275	GOM_NL__2PRFIN20100530_195955_000000422089_00486_43125_2364.N1	30-MAY-2010 19:59:55	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	43125	No
276	GOM_NL__2PRFIN20100530_201025_000000472089_00486_43125_2365.N1	30-MAY-2010 20:10:25	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43125	No
277	GOM_NL__2PRFIN20100530_201515_000000552089_00486_43125_2366.N1	30-MAY-2010 20:15:15	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43125	No
278	GOM_NL__2PRFIN20100530_202256_000000522089_00486_43125_2367.N1	30-MAY-2010 20:22:56	Bright	51.500	53	43Bet And	2.0480	3300.0	103	43125	No

279	GOM_NL__2PRFIN20100530_202536_000000562089_00486_43125_2368.N1	30-MAY-2010 20:25:36	Twilight	55.500	58	21Alp And	2.0730	11000.	111	43125	No
280	GOM_NL__2PRFIN20100530_203027_000000522089_00486_43125_2369.N1	30-MAY-2010 20:30:27	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	43125	No
281	GOM_NL__2PRFIN20100530_203925_000000492089_00486_43125_2370.N1	30-MAY-2010 20:39:25	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	43125	No
282	GOM_NL__2PRFIN20100530_204754_000000512089_00486_43125_2371.N1	30-MAY-2010 20:47:54	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	43125	No
283	GOM_NL__2PRFIN20100530_205121_000000572089_00487_43126_2363.N1	30-MAY-2010 20:51:21	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	43126	No
284	GOM_NL__2PRFIN20100530_205312_000000492089_00487_43126_2364.N1	30-MAY-2010 20:53:12	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43126	No
285	GOM_NL__2PRFIN20100530_205815_000000442089_00487_43126_2365.N1	30-MAY-2010 20:58:15	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43126	No
286	GOM_NL__2PRFIN20100530_210547_000000412089_00487_43126_2366.N1	30-MAY-2010 21:05:47	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	43126	No
287	GOM_NL__2PRFIN20100530_210728_000000472089_00487_43126_2367.N1	30-MAY-2010 21:07:28	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43126	No
288	GOM_NL__2PRFIN20100530_210917_000000492089_00487_43126_2368.N1	30-MAY-2010 21:09:17	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	43126	No
289	GOM_NL__2PRFIN20100530_211105_000000492089_00487_43126_2369.N1	30-MAY-2010 21:11:05	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	43126	No
290	GOM_NL__2PRFIN20100530_211308_000000502089_00487_43126_2370.N1	30-MAY-2010 21:13:08	Bright	50.000	136	23Tau Sco	2.8220	30000.	100	43126	No
291	GOM_NL__2PRFIN20100530_211515_000000452089_00487_43126_2371.N1	30-MAY-2010 21:15:15	Bright	44.500	80	7Del Sco	2.3160	30000.	89	43126	No
292	GOM_NL__2PRFIN20100530_211650_000000482089_00487_43126_2372.N1	30-MAY-2010 21:16:50	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43126	No
293	GOM_NL__2PRFIN20100530_211842_000000442089_00487_43126_2373.N1	30-MAY-2010 21:18:42	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	43126	No
294	GOM_NL__2PRFIN20100530_212055_000000412089_00487_43126_2374.N1	30-MAY-2010 21:20:55	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43126	No
295	GOM_NL__2PRFIN20100530_212356_000000382089_00487_43126_2375.N1	30-MAY-2010 21:23:56	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43126	No
296	GOM_NL__2PRFIN20100530_212952_000000402089_00487_43126_2376.N1	30-MAY-2010 21:29:52	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	43126	No
297	GOM_NL__2PRFIN20100530_213239_000000452089_00487_43126_2377.N1	30-MAY-2010 21:32:39	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	43126	No
298	GOM_NL__2PRFIN20100530_214031_000000402089_00487_43126_2378.N1	30-MAY-2010 21:40:31	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43126	No
299	GOM_NL__2PRFIN20100530_215101_000000452089_00487_43126_2379.N1	30-MAY-2010 21:51:01	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43126	No
300	GOM_NL__2PRFIN20100530_215551_000000552089_00487_43126_2380.N1	30-MAY-2010 21:55:51	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43126	No
301	GOM_NL__2PRFIN20100530_220332_000000432089_00487_43126_2381.N1	30-MAY-2010 22:03:32	Bright	42.500	53	43Bet And	2.0480	3300.0	85	43126	No
302	GOM_NL__2PRFIN20100530_220613_000000532089_00487_43126_2382.N1	30-MAY-2010 22:06:13	Twilight	52.500	58	21Alp And	2.0730	11000.	105	43126	No
303	GOM_NL__2PRFIN20100530_221103_000000512089_00487_43126_2383.N1	30-MAY-2010 22:11:03	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	43126	No
304	GOM_NL__2PRFIN20100530_222001_000000462089_00487_43126_2384.N1	30-MAY-2010 22:20:01	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43126	No
305	GOM_NL__2PRFIN20100530_222831_000000532089_00487_43126_2385.N1	30-MAY-2010 22:28:31	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	43126	No
306	GOM_NL__2PRFIN20100530_223348_000000462089_00488_43127_2387.N1	30-MAY-2010 22:33:48	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43127	No
307	GOM_NL__2PRFIN20100530_223852_000000432089_00488_43127_2388.N1	30-MAY-2010 22:38:52	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43127	No
308	GOM_NL__2PRFIN20100530_224624_000000432089_00488_43127_2389.N1	30-MAY-2010 22:46:24	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	43127	No
309	GOM_NL__2PRFIN20100530_224804_000000462089_00488_43127_2390.N1	30-MAY-2010 22:48:04	Straylight	46.000	40	The Sco	1.8590	7100.0	92	43127	No
310	GOM_NL__2PRFIN20100530_224953_000000482089_00488_43127_2391.N1	30-MAY-2010 22:49:53	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	43127	No
311	GOM_NL__2PRFIN20100530_225141_000000472089_00488_43127_2392.N1	30-MAY-2010 22:51:41	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	43127	No
312	GOM_NL__2PRFIN20100530_225344_000000552089_00488_43127_2393.N1	30-MAY-2010 22:53:44	Bright	54.500	136	23Tau Sco	2.8220	30000.	109	43127	No
313	GOM_NL__2PRFIN20100530_225551_000000412089_00488_43127_2394.N1	30-MAY-2010 22:55:51	Bright	41.000	80	7Del Sco	2.3160	30000.	82	43127	No
314	GOM_NL__2PRFIN20100530_225726_000000472089_00488_43127_2395.N1	30-MAY-2010 22:57:26	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	43127	No
315	GOM_NL__2PRFIN20100530_225918_000000422089_00488_43127_2396.N1	30-MAY-2010 22:59:18	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	43127	No
316	GOM_NL__2PRFIN20100530_230131_000000412089_00488_43127_2397.N1	30-MAY-2010 23:01:31	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43127	No
317	GOM_NL__2PRFIN20100530_230431_000000382089_00488_43127_2398.N1	30-MAY-2010 23:04:31	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43127	No
318	GOM_NL__2PRFIN20100530_231028_000000412089_00488_43127_2399.N1	30-MAY-2010 23:10:28	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	43127	No
319	GOM_NL__2PRFIN20100530_231314_000000442089_00488_43127_2400.N1	30-MAY-2010 23:13:14	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	43127	No
320	GOM_NL__2PRFIN20100530_232106_000000402089_00488_43127_2401.N1	30-MAY-2010 23:21:06	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43127	No
321	GOM_NL__2PRFIN20100530_233136_000000482089_00488_43127_2402.N1	30-MAY-2010 23:31:36	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43127	No
322	GOM_NL__2PRFIN20100530_233627_000000552089_00488_43127_2403.N1	30-MAY-2010 23:36:27	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43127	No
323	GOM_NL__2PRFIN20100530_234409_000000442089_00488_43127_2404.N1	30-MAY-2010 23:44:09	Bright	43.500	53	43Bet And	2.0480	3300.0	87	43127	No
324	GOM_NL__2PRFIN20100530_234648_000000532089_00488_43127_2405.N1	30-MAY-2010 23:46:48	Twilight	52.500	58	21Alp And	2.0730	11000.	105	43127	No
325	GOM_NL__2PRFIN20100530_235140_000000522089_00488_43127_2406.N1	30-MAY-2010 23:51:40	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	43127	No

3. Quality information per product

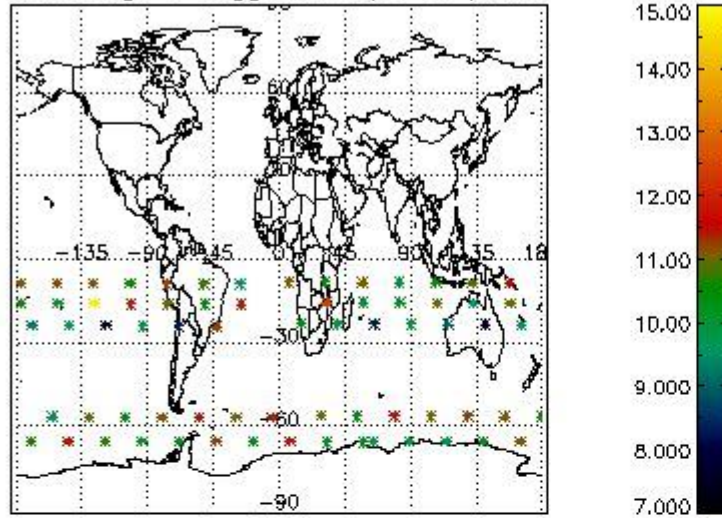
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

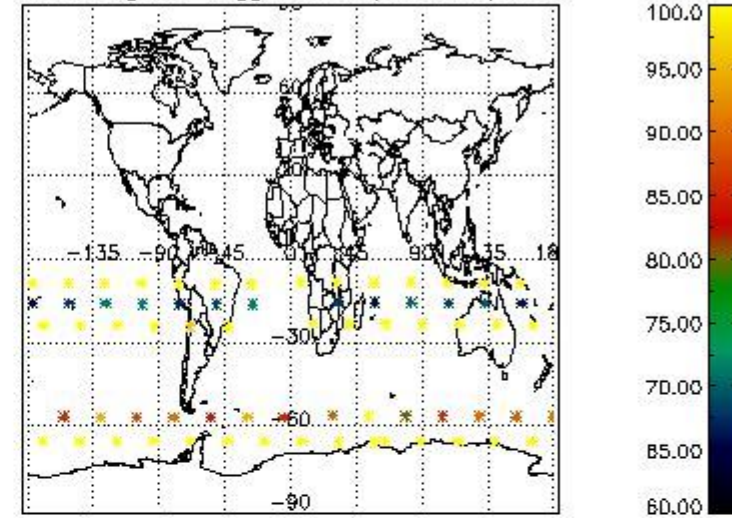


3.2 Plot quality information per product (world map)

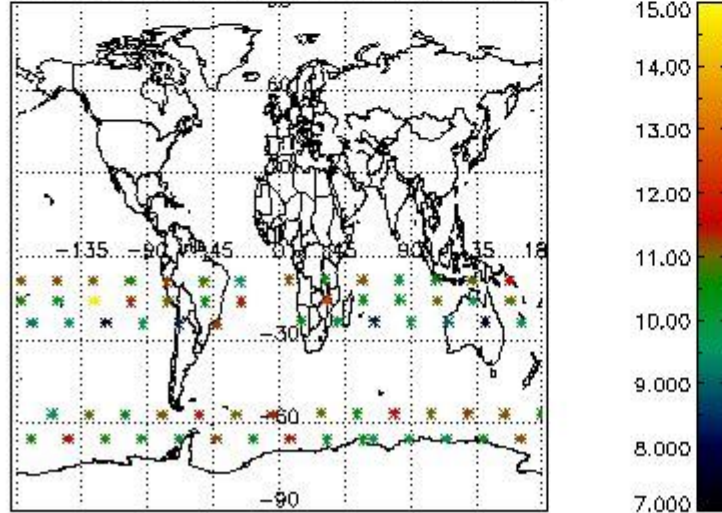
Percentage of flagged data per O3 profile



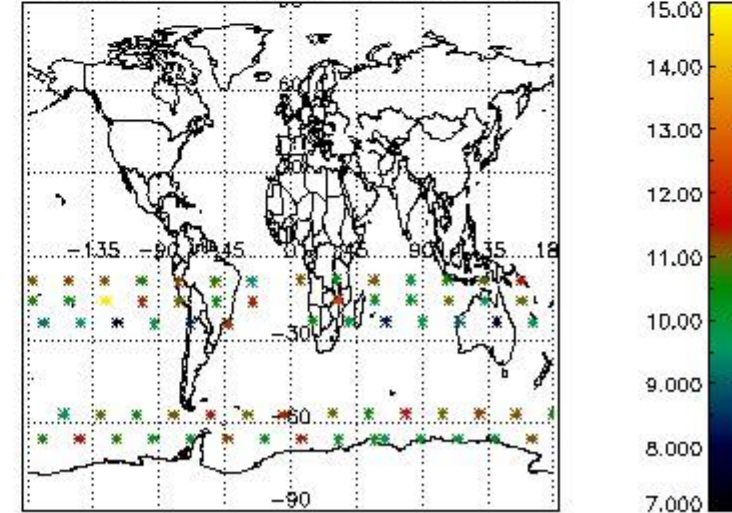
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

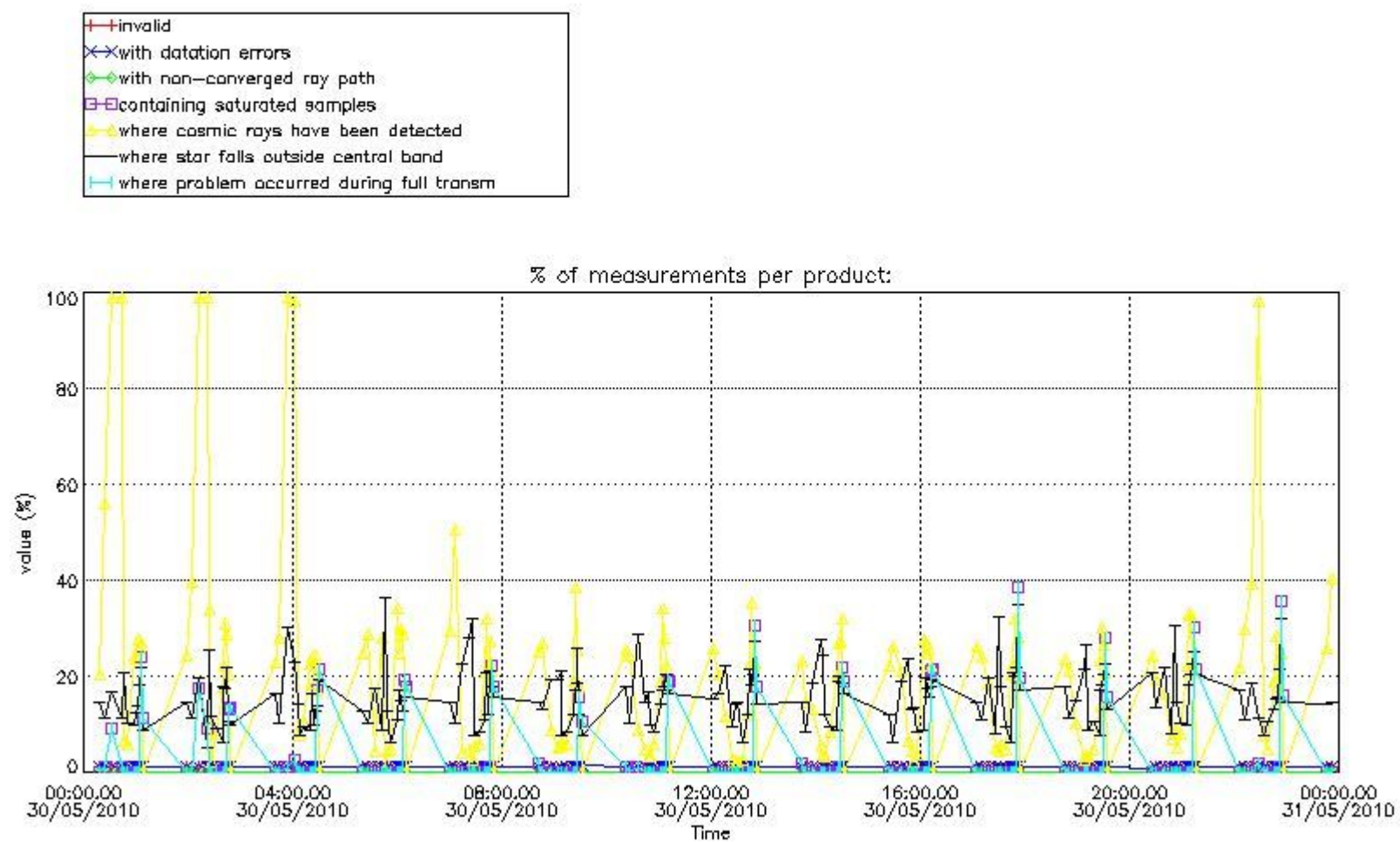


4. Level 1 quality information per product

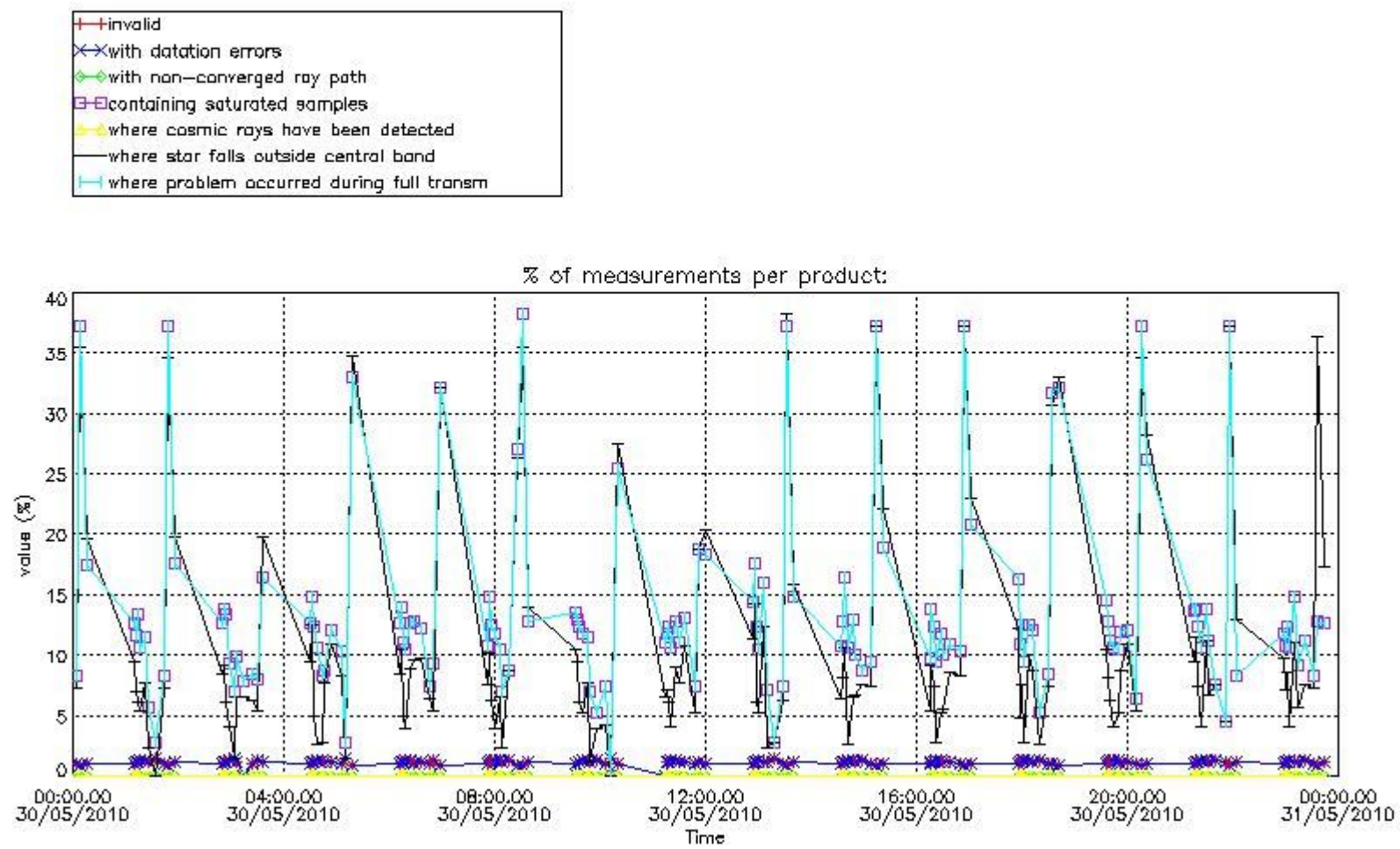
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

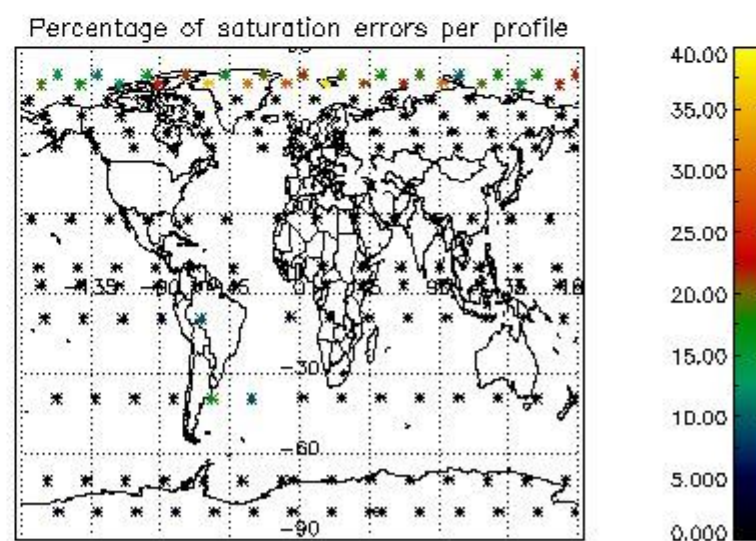
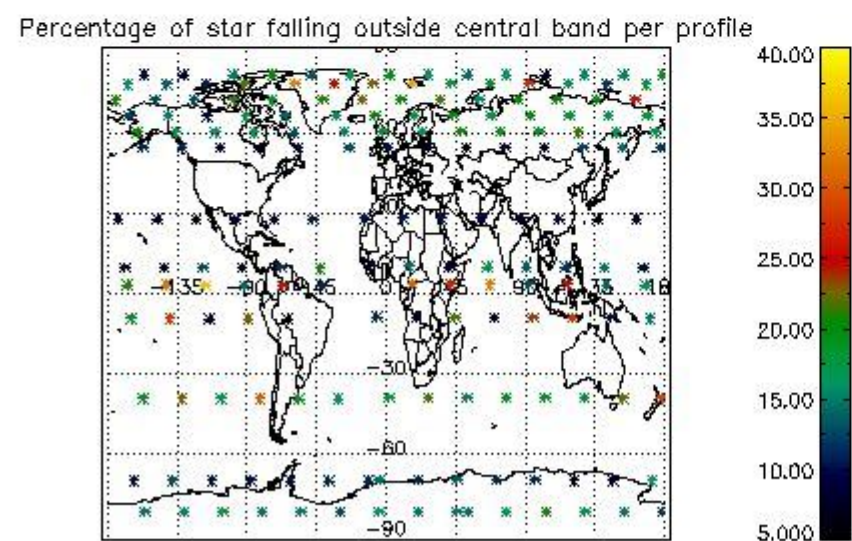
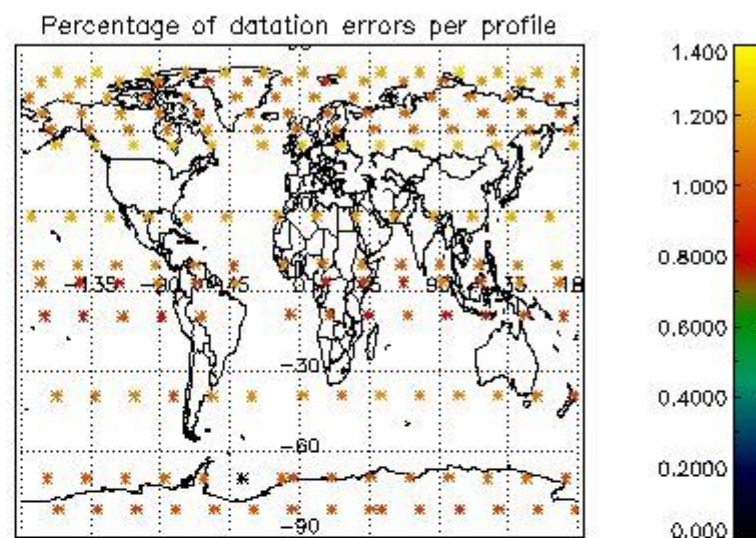
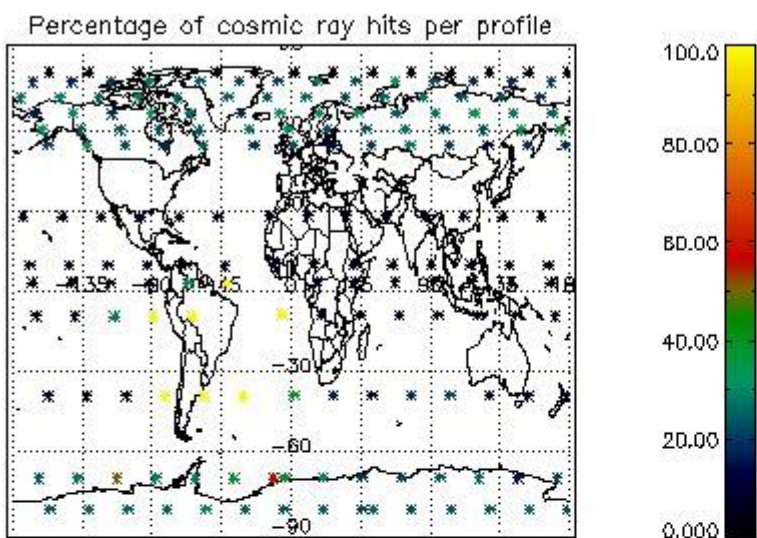


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

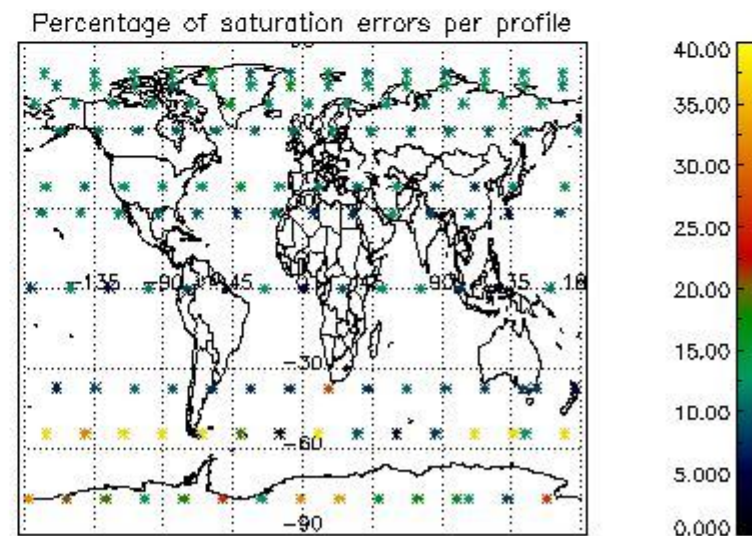
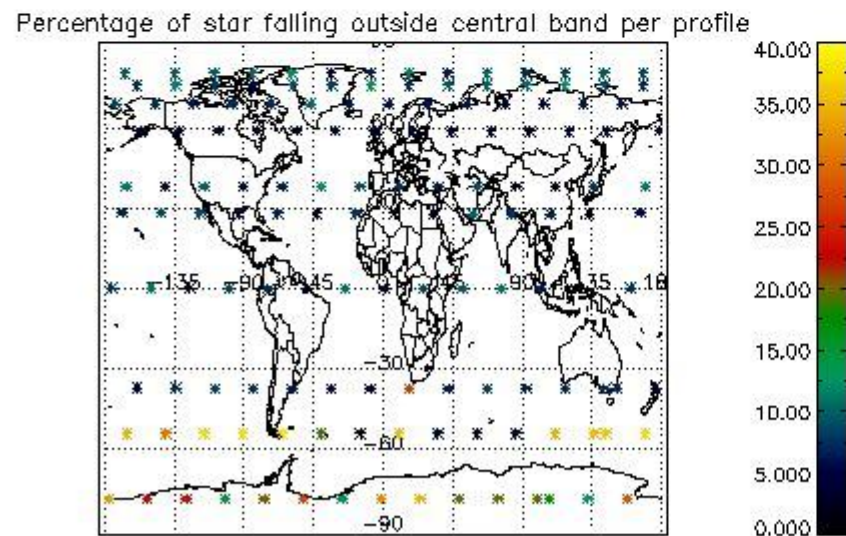
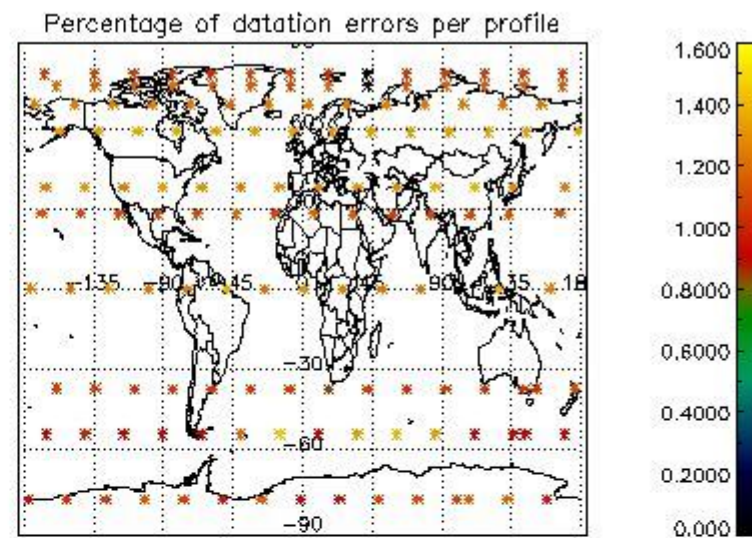
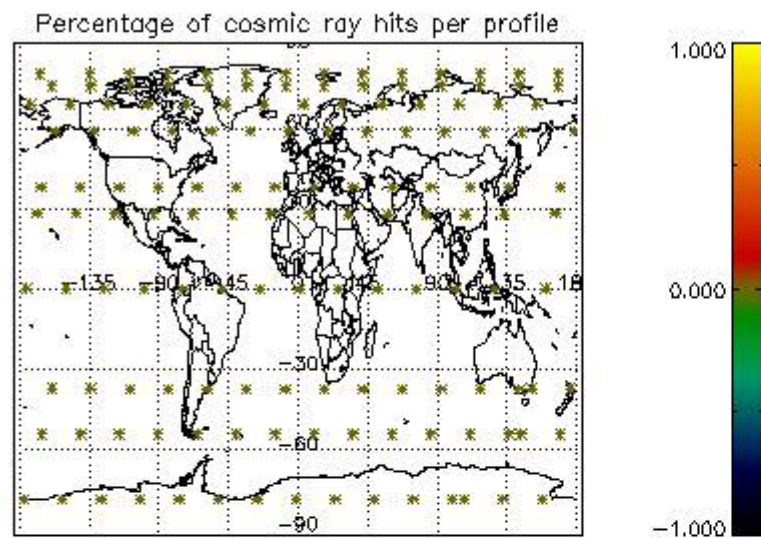


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

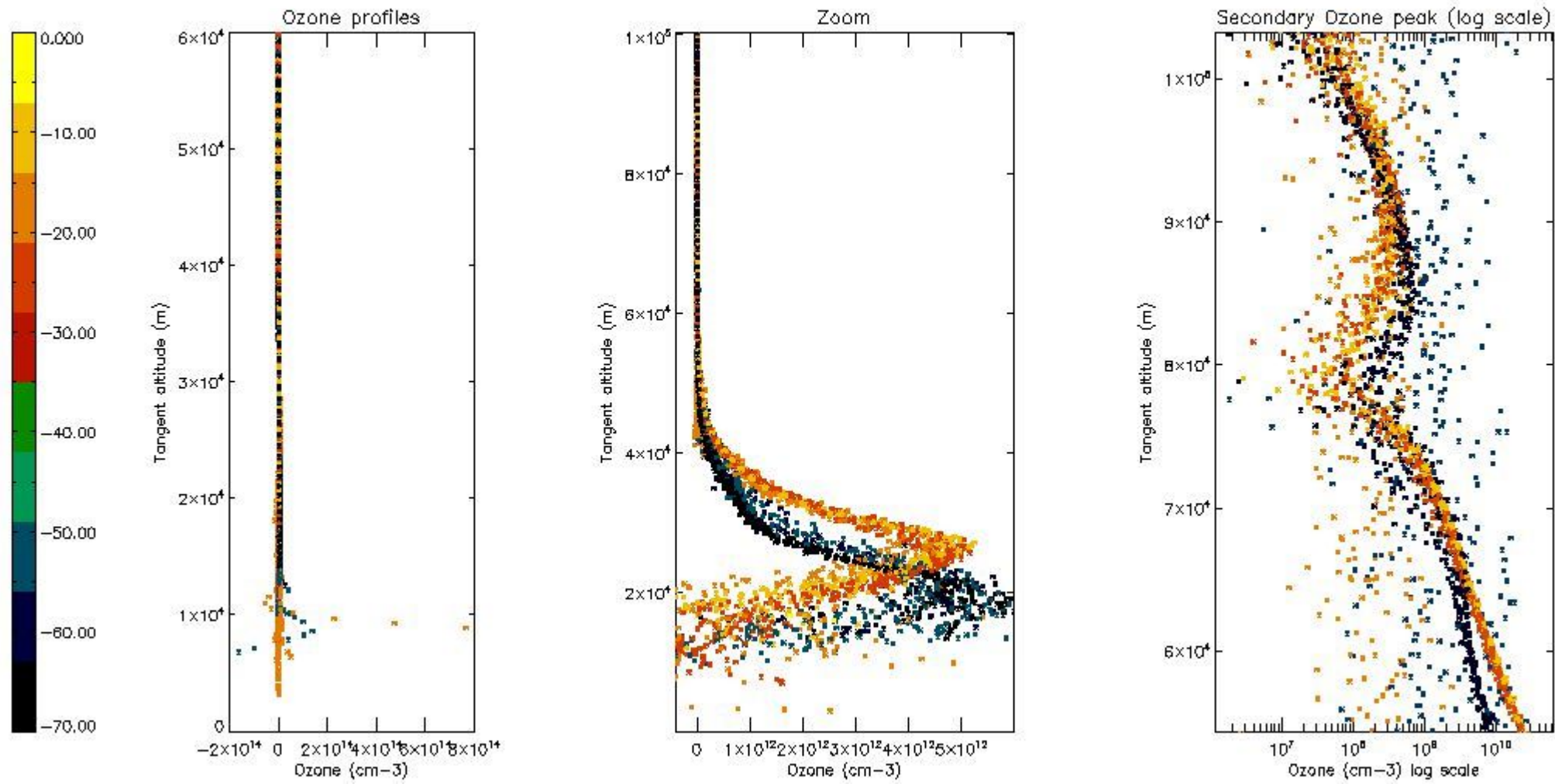
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	12

STD < 10	9
STD < 5	6

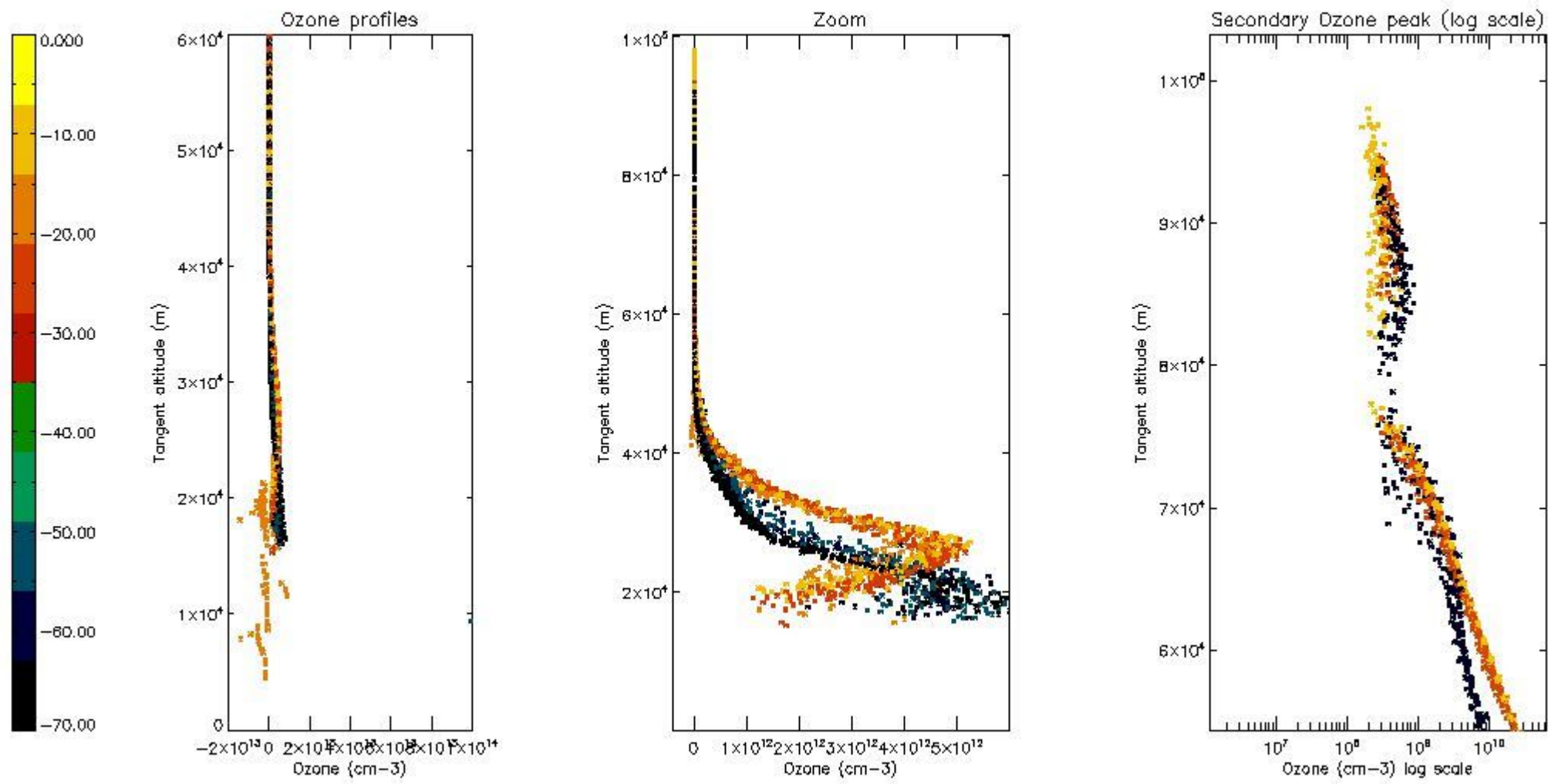
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



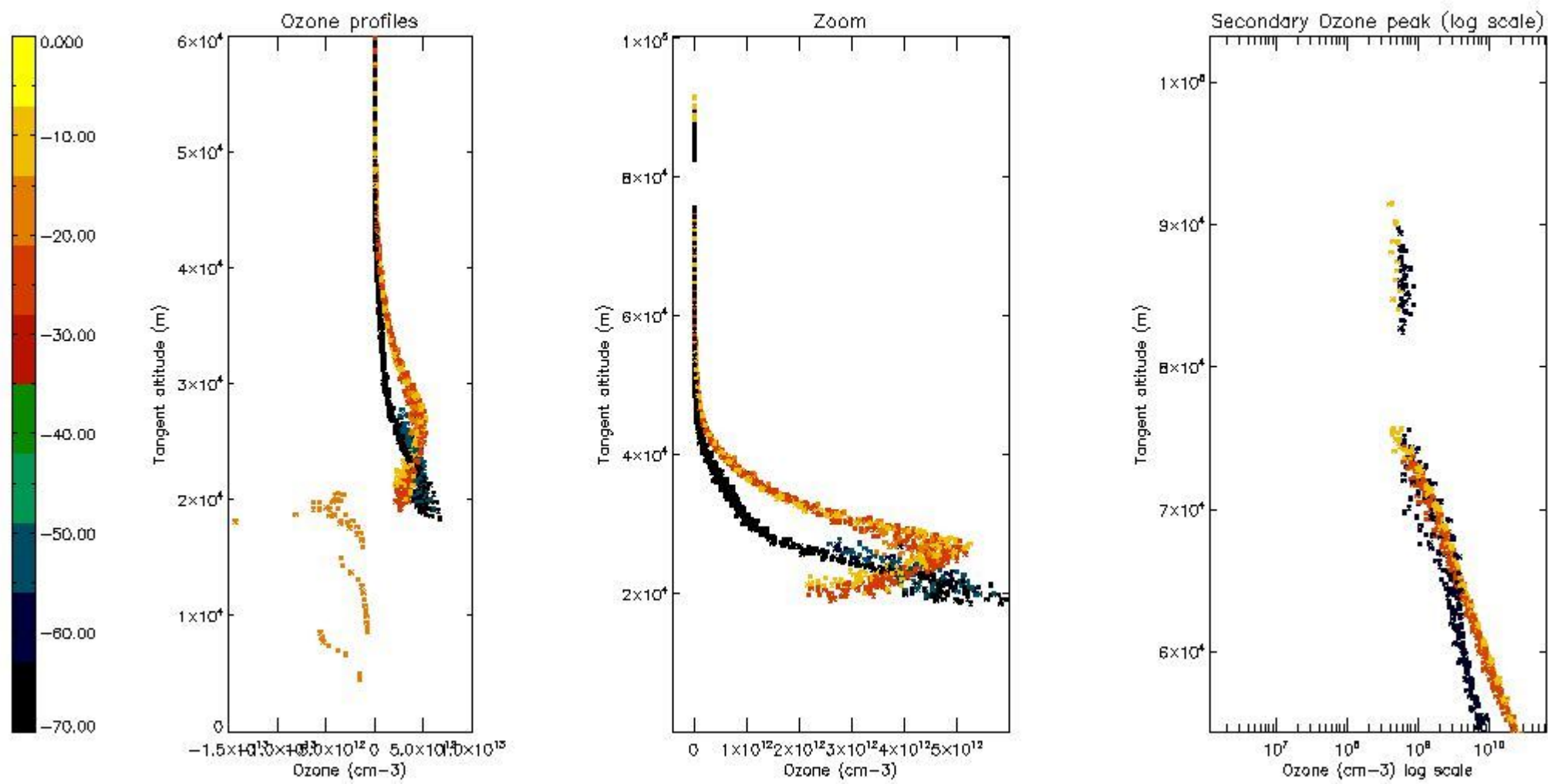
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



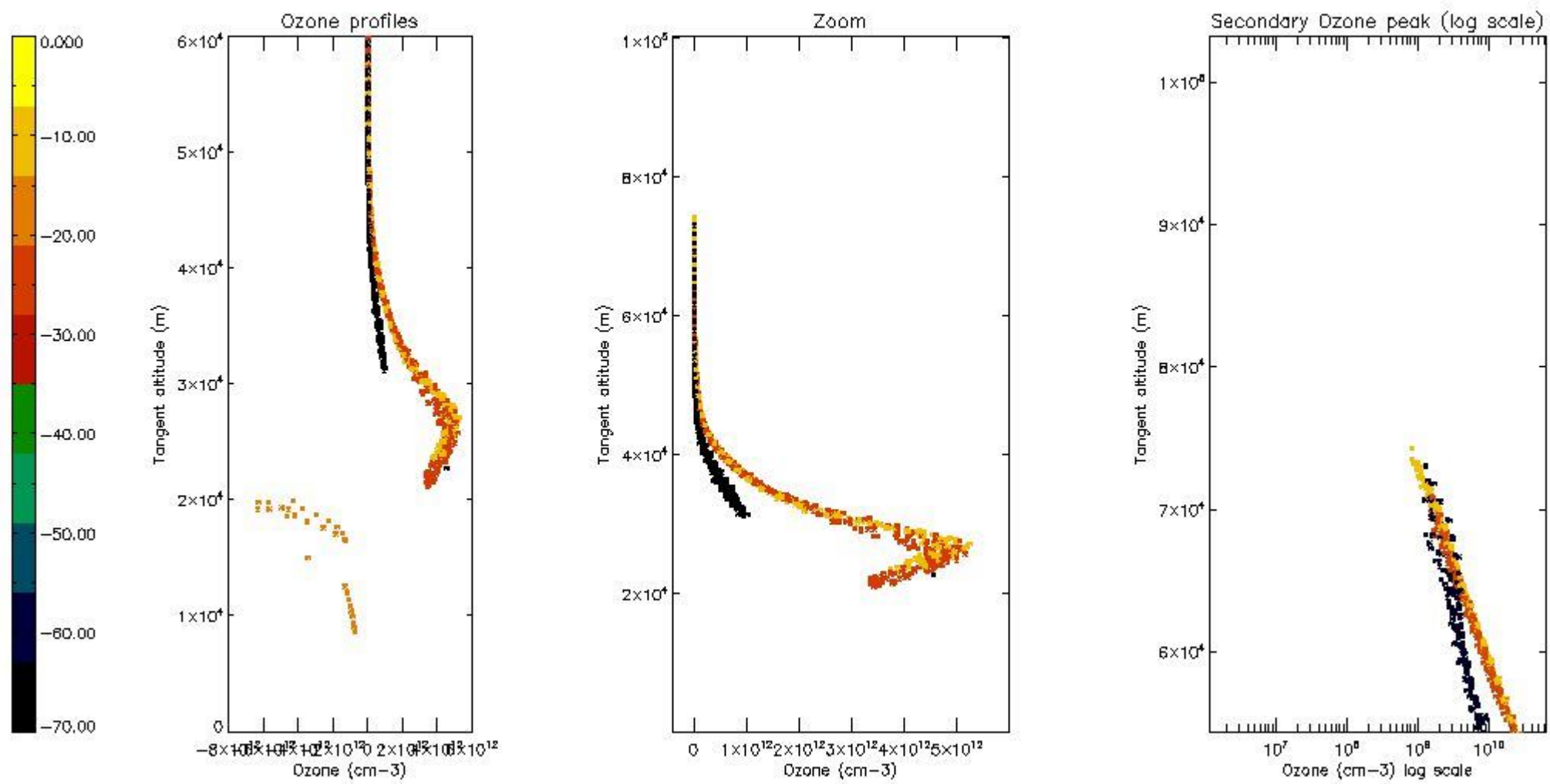
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



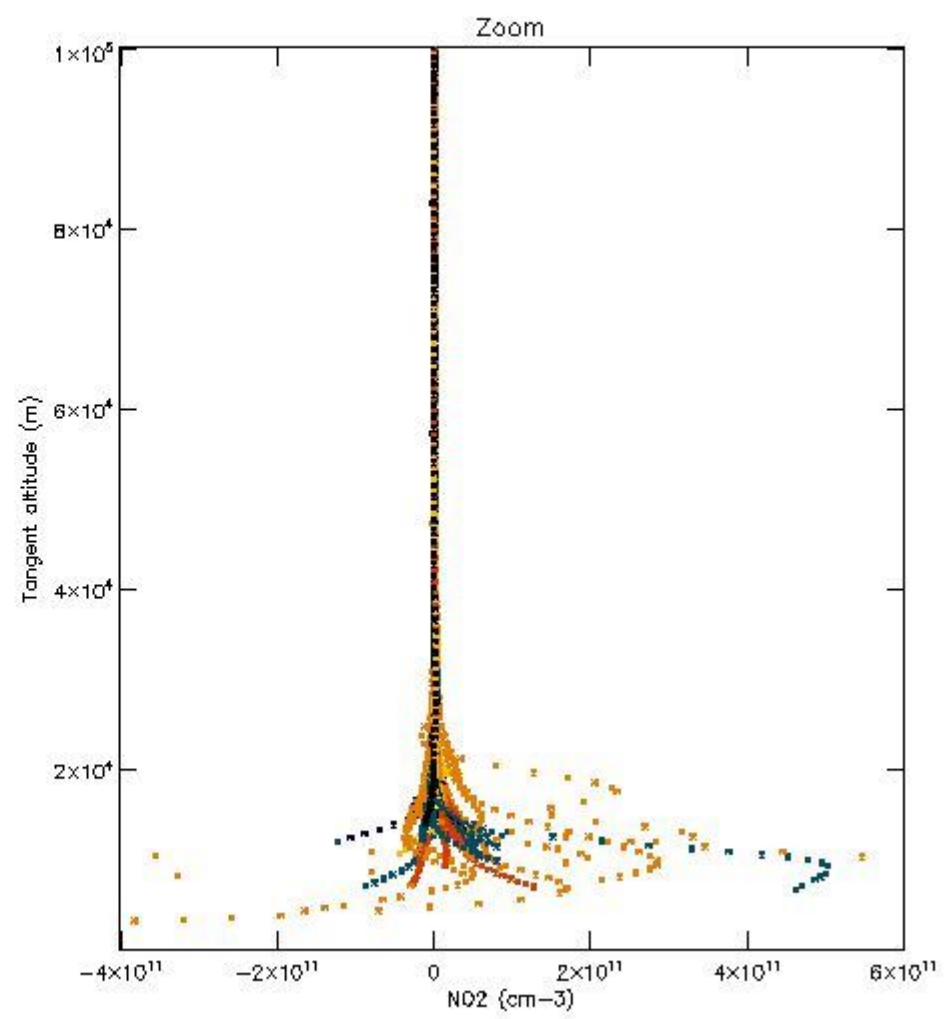
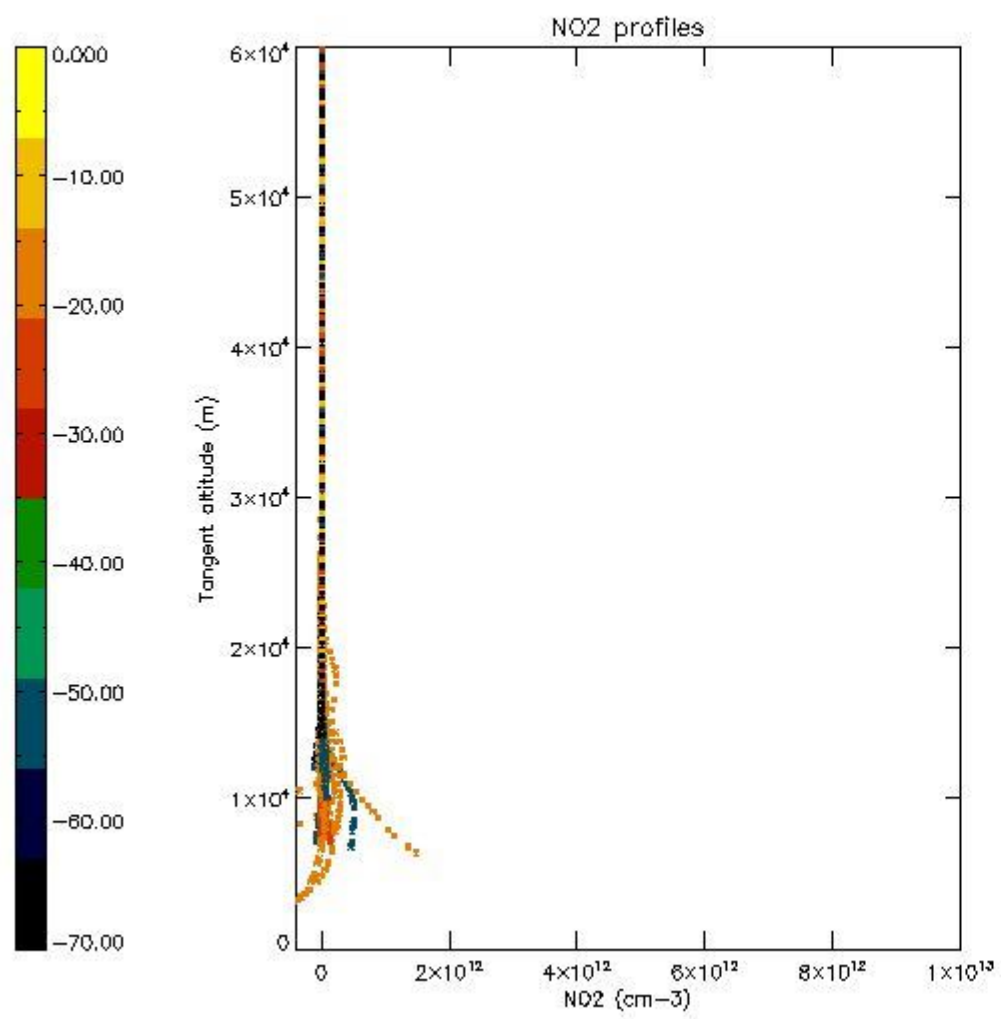
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



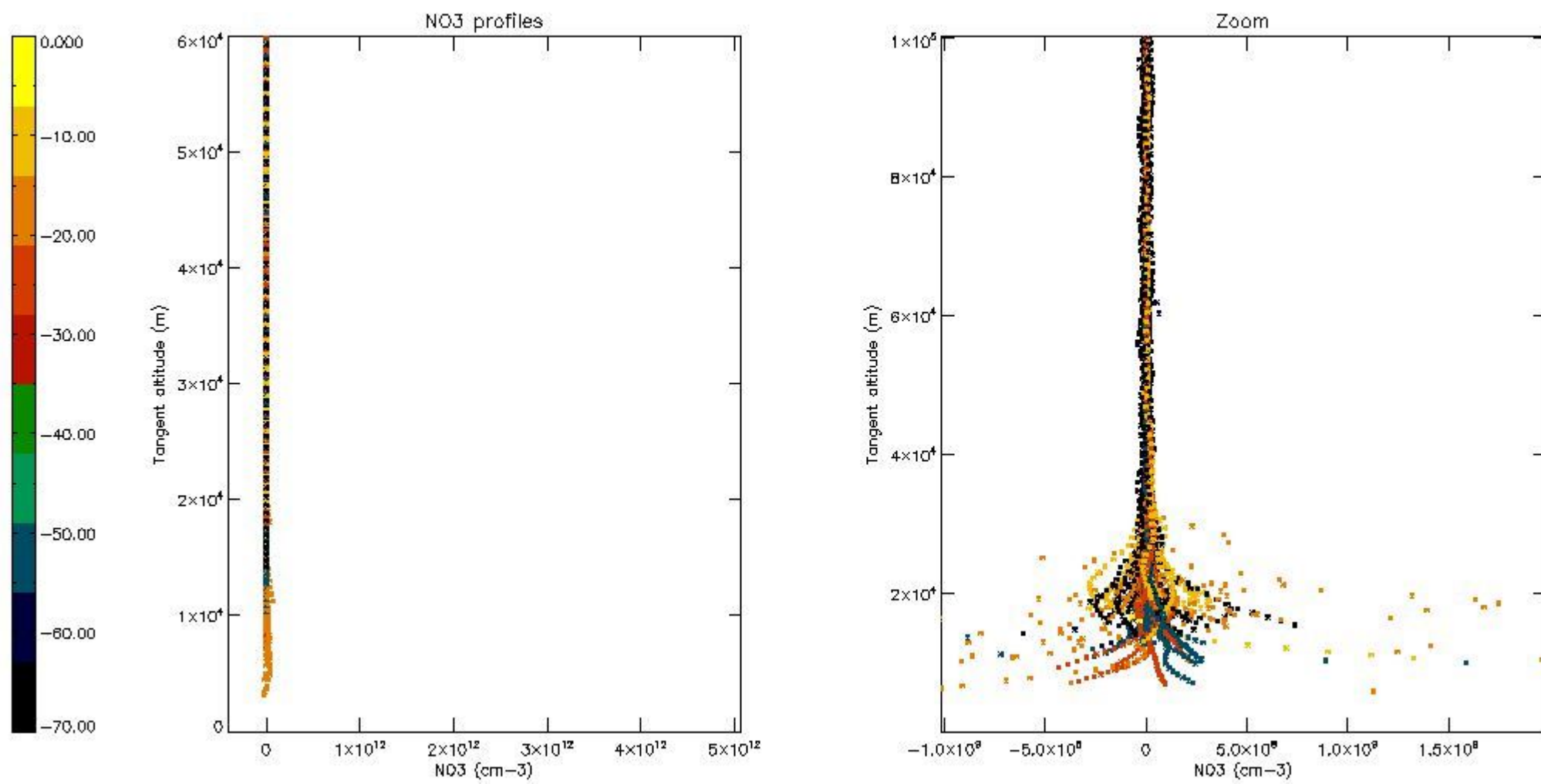
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



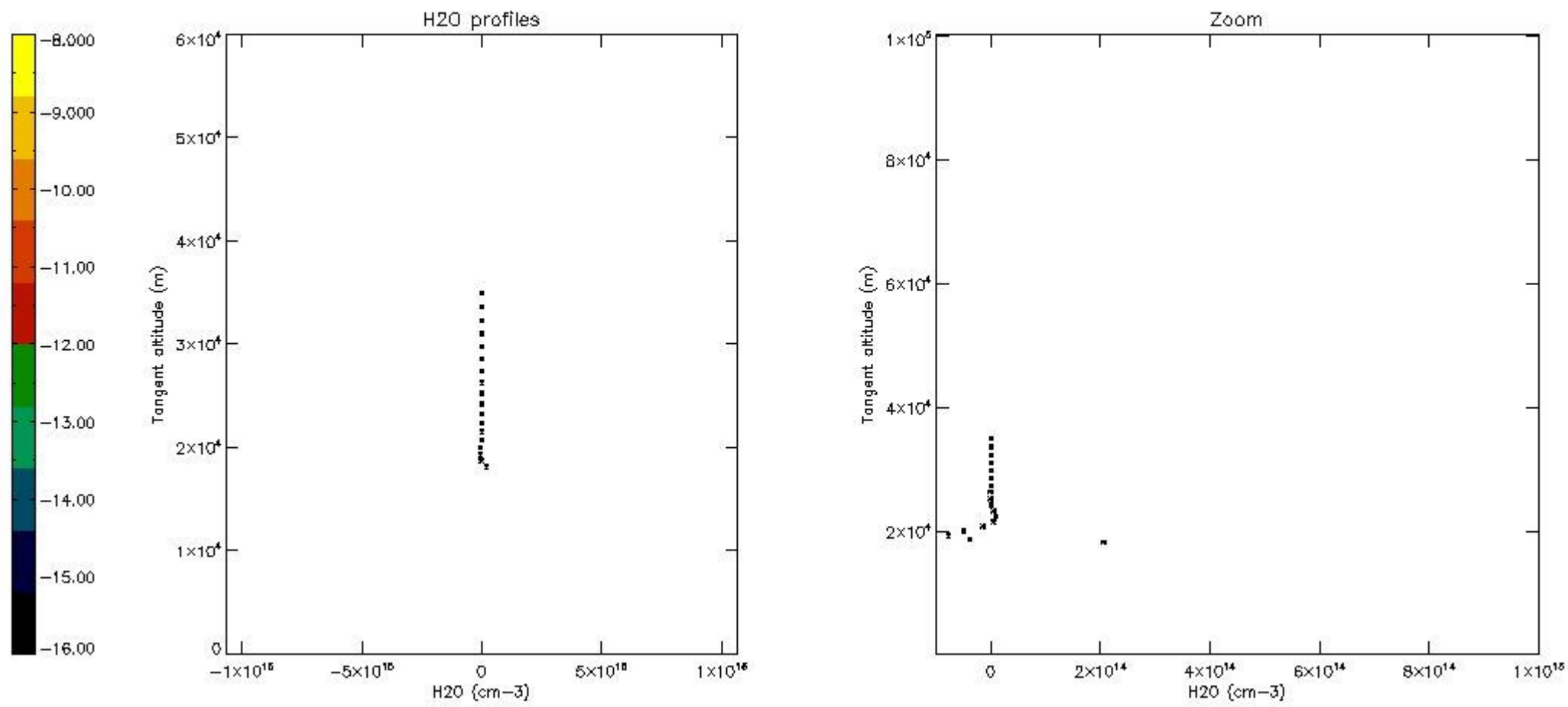
5.7 Plot NO3 profiles for all STD (dark without errors)

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	30-MAY-2010 00:03:21
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-MAY-2010 00:03:21
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-MAY-2010 00:03:21

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 11:20:54
Data source version	GOMOS/6.01
Start time of products	30-05-2010 (30MAY2010 00:00:00)
Stop time of products	31-05-2010 (31MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	325
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__2PRFIN20100530_000321_000000482089_00474_43113_2241.N1	30-MAY-2010 00:03:21	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43113	No
2	GOM_NL__2PRFIN20100530_000805_000000552089_00474_43113_2242.N1	30-MAY-2010 00:08:05	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43113	No
3	GOM_NL__2PRFIN20100530_001544_000000462089_00474_43113_2243.N1	30-MAY-2010 00:15:44	Bright	46.000	53	43Bet And	2.0480	3300.0	92	43113	No
4	GOM_NL__2PRFIN20100530_001823_000000522089_00474_43113_2244.N1	30-MAY-2010 00:18:23	Twilight	51.500	58	21Alp And	2.0730	11000.	103	43113	No
5	GOM_NL__2PRFIN20100530_002310_000000492089_00474_43113_2245.N1	30-MAY-2010 00:23:10	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	43113	No
6	GOM_NL__2PRFIN20100530_003207_000000452089_00474_43113_2246.N1	30-MAY-2010 00:32:07	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	43113	No
7	GOM_NL__2PRFIN20100530_004400_000000452089_00475_43114_2233.N1	30-MAY-2010 00:44:00	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	43114	No
8	GOM_NL__2PRFIN20100530_004549_000000532089_00475_43114_2234.N1	30-MAY-2010 00:45:49	Dark	53.000	31	Alp Gru	1.7340	15200.	106	43114	No
9	GOM_NL__2PRFIN20100530_005055_000000442089_00475_43114_2235.N1	30-MAY-2010 00:50:55	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43114	No
10	GOM_NL__2PRFIN20100530_005831_000000412089_00475_43114_2236.N1	30-MAY-2010 00:58:31	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	43114	No
11	GOM_NL__2PRFIN20100530_010011_000000452089_00475_43114_2237.N1	30-MAY-2010 01:00:11	Straylight	44.500	40	The Sco	1.8590	7100.0	89	43114	No
12	GOM_NL__2PRFIN20100530_010200_000000472089_00475_43114_2238.N1	30-MAY-2010 01:02:00	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	43114	No
13	GOM_NL__2PRFIN20100530_010350_000000472089_00475_43114_2239.N1	30-MAY-2010 01:03:50	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	43114	No
14	GOM_NL__2PRFIN20100530_010554_000000482089_00475_43114_2240.N1	30-MAY-2010 01:05:54	Bright	48.000	136	23Tau Sco	2.8220	30000.	96	43114	No
15	GOM_NL__2PRFIN20100530_010801_000000402089_00475_43114_2241.N1	30-MAY-2010 01:08:01	Bright	39.500	80	7Del Sco	2.3160	30000.	79	43114	No
16	GOM_NL__2PRFIN20100530_010937_000000482089_00475_43114_2242.N1	30-MAY-2010 01:09:37	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43114	No
17	GOM_NL__2PRFIN20100530_011131_000000432089_00475_43114_2243.N1	30-MAY-2010 01:11:31	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43114	No
18	GOM_NL__2PRFIN20100530_011344_000000412089_00475_43114_2244.N1	30-MAY-2010 01:13:44	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	43114	No
19	GOM_NL__2PRFIN20100530_011645_000000382089_00475_43114_2245.N1	30-MAY-2010 01:16:45	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43114	No
20	GOM_NL__2PRFIN20100530_012243_000000392089_00475_43114_2246.N1	30-MAY-2010 01:22:43	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	43114	No
21	GOM_NL__2PRFIN20100530_012534_000000442089_00475_43114_2247.N1	30-MAY-2010 01:25:34	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	43114	No
22	GOM_NL__2PRFIN20100530_013323_000000362089_00475_43114_2248.N1	30-MAY-2010 01:33:23	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	43114	No
23	GOM_NL__2PRFIN20100530_014356_000000482089_00475_43114_2249.N1	30-MAY-2010 01:43:56	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43114	No
24	GOM_NL__2PRFIN20100530_014840_000000552089_00475_43114_2250.N1	30-MAY-2010 01:48:40	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43114	No
25	GOM_NL__2PRFIN20100530_015620_000000462089_00475_43114_2251.N1	30-MAY-2010 01:56:20	Bright	45.500	53	43Bet And	2.0480	3300.0	91	43114	No
26	GOM_NL__2PRFIN20100530_015859_000000512089_00475_43114_2252.N1	30-MAY-2010 01:58:59	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43114	No
27	GOM_NL__2PRFIN20100530_020346_000000492089_00475_43114_2253.N1	30-MAY-2010 02:03:46	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	43114	No
28	GOM_NL__2PRFIN20100530_021243_000000462089_00475_43114_2254.N1	30-MAY-2010 02:12:43	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43114	No
29	GOM_NL__2PRFIN20100530_022105_000000502089_00475_43114_2255.N1	30-MAY-2010 02:21:05	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	43114	No
30	GOM_NL__2PRFIN20100530_022436_000000532089_00476_43115_2241.N1	30-MAY-2010 02:24:36	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	43115	No
31	GOM_NL__2PRFIN20100530_022626_000000472089_00476_43115_2242.N1	30-MAY-2010 02:26:26	Dark	47.000	31	Alp Gru	1.7340	15200.	94	43115	No
32	GOM_NL__2PRFIN20100530_023132_000000442089_00476_43115_2243.N1	30-MAY-2010 02:31:32	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43115	No
33	GOM_NL__2PRFIN20100530_023907_000000402089_00476_43115_2244.N1	30-MAY-2010 02:39:07	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	43115	No
34	GOM_NL__2PRFIN20100530_024048_000000482089_00476_43115_2245.N1	30-MAY-2010 02:40:48	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43115	No
35	GOM_NL__2PRFIN20100530_024236_000000492089_00476_43115_2246.N1	30-MAY-2010 02:42:36	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	43115	No
36	GOM_NL__2PRFIN20100530_024426_000000492089_00476_43115_2247.N1	30-MAY-2010 02:44:26	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	43115	No
37	GOM_NL__2PRFIN20100530_024630_000000422089_00476_43115_2248.N1	30-MAY-2010 02:46:30	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	43115	No
38	GOM_NL__2PRFIN20100530_024837_000000412089_00476_43115_2249.N1	30-MAY-2010 02:48:37	Bright	40.500	80	7Del Sco	2.3160	30000.	81	43115	No
39	GOM_NL__2PRFIN20100530_025013_000000482089_00476_43115_2250.N1	30-MAY-2010 02:50:13	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43115	No
40	GOM_NL__2PRFIN20100530_025207_000000442089_00476_43115_2251.N1	30-MAY-2010 02:52:07	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	43115	No
41	GOM_NL__2PRFIN20100530_025420_000000412089_00476_43115_2252.N1	30-MAY-2010 02:54:20	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	43115	No
42	GOM_NL__2PRFIN20100530_025721_000000382089_00476_43115_2253.N1	30-MAY-2010 02:57:21	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43115	No

43	GOM_NL__2PRFIN20100530_030318_000000362089_00476_43115_2254.N1	30-MAY-2010 03:03:18	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	43115	No
44	GOM_NL__2PRFIN20100530_030610_000000462089_00476_43115_2255.N1	30-MAY-2010 03:06:10	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43115	No
45	GOM_NL__2PRFIN20100530_031359_000000392089_00476_43115_2256.N1	30-MAY-2010 03:13:59	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43115	No
46	GOM_NL__2PRFIN20100530_032431_000000482089_00476_43115_2257.N1	30-MAY-2010 03:24:31	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43115	No
47	GOM_NL__2PRFIN20100530_032916_000000382089_00476_43115_2258.N1	30-MAY-2010 03:29:16	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43115	No
48	GOM_NL__2PRFIN20100530_033656_000000462089_00476_43115_2259.N1	30-MAY-2010 03:36:56	Bright	45.500	53	43Bet And	2.0480	3300.0	91	43115	No
49	GOM_NL__2PRFIN20100530_033935_000000522089_00476_43115_2260.N1	30-MAY-2010 03:39:35	Twilight	52.000	58	21Alp And	2.0730	11000.	104	43115	No
50	GOM_NL__2PRFIN20100530_034423_000000492089_00476_43115_2261.N1	30-MAY-2010 03:44:23	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	43115	No
51	GOM_NL__2PRFIN20100530_035320_000000532089_00476_43115_2262.N1	30-MAY-2010 03:53:20	Dark	53.000	52	16Bet Cet	2.0370	4500.0	106	43115	No
52	GOM_NL__2PRFIN20100530_040142_000000612089_00476_43115_2263.N1	30-MAY-2010 04:01:42	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	43115	No
53	GOM_NL__2PRFIN20100530_040513_000000462089_00477_43116_2249.N1	30-MAY-2010 04:05:13	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43116	No
54	GOM_NL__2PRFIN20100530_040703_000000452089_00477_43116_2250.N1	30-MAY-2010 04:07:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	43116	No
55	GOM_NL__2PRFIN20100530_041209_000000432089_00477_43116_2251.N1	30-MAY-2010 04:12:09	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43116	No
56	GOM_NL__2PRFIN20100530_041944_000000402089_00477_43116_2252.N1	30-MAY-2010 04:19:44	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	43116	No
57	GOM_NL__2PRFIN20100530_042124_000000462089_00477_43116_2253.N1	30-MAY-2010 04:21:24	Straylight	46.000	40	The Sco	1.8590	7100.0	92	43116	No
58	GOM_NL__2PRFIN20100530_042312_000000462089_00477_43116_2254.N1	30-MAY-2010 04:23:12	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	43116	No
59	GOM_NL__2PRFIN20100530_042503_000000432089_00477_43116_2255.N1	30-MAY-2010 04:25:03	Twilight	43.000	75	26Eps Sco	2.2910	4250.0	86	43116	No
60	GOM_NL__2PRFIN20100530_042707_000000442089_00477_43116_2256.N1	30-MAY-2010 04:27:07	Bright	43.500	136	23Tau Sco	2.8220	30000.	87	43116	No
61	GOM_NL__2PRFIN20100530_042914_000000442089_00477_43116_2257.N1	30-MAY-2010 04:29:14	Bright	44.000	80	7Del Sco	2.3160	30000.	88	43116	No
62	GOM_NL__2PRFIN20100530_043049_000000482089_00477_43116_2258.N1	30-MAY-2010 04:30:49	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43116	No
63	GOM_NL__2PRFIN20100530_043243_000000442089_00477_43116_2259.N1	30-MAY-2010 04:32:43	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	43116	No
64	GOM_NL__2PRFIN20100530_043456_000000412089_00477_43116_2260.N1	30-MAY-2010 04:34:56	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43116	No
65	GOM_NL__2PRFIN20100530_043757_000000382089_00477_43116_2261.N1	30-MAY-2010 04:37:57	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43116	No
66	GOM_NL__2PRFIN20100530_044354_000000372089_00477_43116_2262.N1	30-MAY-2010 04:43:54	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	43116	No
67	GOM_NL__2PRFIN20100530_044645_000000462089_00477_43116_2263.N1	30-MAY-2010 04:46:45	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43116	No
68	GOM_NL__2PRFIN20100530_045434_000000422089_00477_43116_2264.N1	30-MAY-2010 04:54:34	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	43116	No
69	GOM_NL__2PRFIN20100530_050507_000000492089_00477_43116_2265.N1	30-MAY-2010 05:05:07	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43116	No
70	GOM_NL__2PRFIN20100530_050953_000000362089_00477_43116_2266.N1	30-MAY-2010 05:09:53	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43116	No
71	GOM_NL__2PRFIN20100530_051732_000000562089_00477_43116_2267.N1	30-MAY-2010 05:17:32	Bright	56.000	53	43Bet And	2.0480	3300.0	112	43116	No
72	GOM_NL__2PRFIN20100530_052011_000000512089_00477_43116_2268.N1	30-MAY-2010 05:20:11	Twilight	50.500	58	21Alp And	2.0730	11000.	101	43116	No
73	GOM_NL__2PRFIN20100530_052500_000000492089_00477_43116_2269.N1	30-MAY-2010 05:25:00	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	43116	No
74	GOM_NL__2PRFIN20100530_053356_000000462089_00477_43116_2270.N1	30-MAY-2010 05:33:56	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	43116	No
75	GOM_NL__2PRFIN20100530_054220_000000522089_00477_43116_2271.N1	30-MAY-2010 05:42:20	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	43116	No
76	GOM_NL__2PRFIN20100530_054550_000000622089_00478_43117_2257.N1	30-MAY-2010 05:45:50	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	43117	No
77	GOM_NL__2PRFIN20100530_054740_000000482089_00478_43117_2258.N1	30-MAY-2010 05:47:40	Dark	47.500	31	Alp Gru	1.7340	15200.	95	43117	No
78	GOM_NL__2PRFIN20100530_055245_000000422089_00478_43117_2259.N1	30-MAY-2010 05:52:45	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43117	No
79	GOM_NL__2PRFIN20100530_060020_000000412089_00478_43117_2260.N1	30-MAY-2010 06:00:20	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	43117	No
80	GOM_NL__2PRFIN20100530_060201_000000472089_00478_43117_2261.N1	30-MAY-2010 06:02:01	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43117	No
81	GOM_NL__2PRFIN20100530_060349_000000472089_00478_43117_2262.N1	30-MAY-2010 06:03:49	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	43117	No
82	GOM_NL__2PRFIN20100530_060539_000000442089_00478_43117_2263.N1	30-MAY-2010 06:05:39	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	43117	No
83	GOM_NL__2PRFIN20100530_060743_000000452089_00478_43117_2264.N1	30-MAY-2010 06:07:43	Bright	44.500	136	23Tau Sco	2.8220	30000.	89	43117	No
84	GOM_NL__2PRFIN20100530_060950_000000422089_00478_43117_2265.N1	30-MAY-2010 06:09:50	Bright	42.000	80	7Del Sco	2.3160	30000.	84	43117	No
85	GOM_NL__2PRFIN20100530_061125_000000482089_00478_43117_2266.N1	30-MAY-2010 06:11:25	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43117	No
86	GOM_NL__2PRFIN20100530_061319_000000432089_00478_43117_2267.N1	30-MAY-2010 06:13:19	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43117	No
87	GOM_NL__2PRFIN20100530_061531_000000412089_00478_43117_2268.N1	30-MAY-2010 06:15:31	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43117	No
88	GOM_NL__2PRFIN20100530_061833_000000382089_00478_43117_2269.N1	30-MAY-2010 06:18:33	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43117	No
89	GOM_NL__2PRFIN20100530_062430_000000402089_00478_43117_2270.N1	30-MAY-2010 06:24:30	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	43117	No
90	GOM_NL__2PRFIN20100530_062720_000000472089_00478_43117_2271.N1	30-MAY-2010 06:27:20	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	43117	No
91	GOM_NL__2PRFIN20100530_063510_000000412089_00478_43117_2272.N1	30-MAY-2010 06:35:10	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43117	No
92	GOM_NL__2PRFIN20100530_064543_000000472089_00478_43117_2273.N1	30-MAY-2010 06:45:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43117	No
93	GOM_NL__2PRFIN20100530_065029_000000382089_00478_43117_2274.N1	30-MAY-2010 06:50:29	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	43117	No
94	GOM_NL__2PRFIN20100530_065808_000000552089_00478_43117_2275.N1	30-MAY-2010 06:58:08	Bright	54.500	53	43Bet And	2.0480	3300.0	109	43117	No
95	GOM_NL__2PRFIN20100530_070047_000000512089_00478_43117_2276.N1	30-MAY-2010 07:00:47	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43117	No
96	GOM_NL__2PRFIN20100530_070536_000000502089_00478_43117_2277.N1	30-MAY-2010 07:05:36	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	43117	No
97	GOM_NL__2PRFIN20100530_071433_000000492089_00478_43117_2278.N1	30-MAY-2010 07:14:33	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	43117	No
98	GOM_NL__2PRFIN20100530_072257_000000652089_00478_43117_2279.N1	30-MAY-2010 07:22:57	Dark	64.500	18	24Alp PsA	1.1660	9700.0	129	43117	No
99	GOM_NL__2PRFIN20100530_072627_000000582089_00479_43118_2265.N1	30-MAY-2010 07:26:27	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	43118	No
100	GOM_NL__2PRFIN20100530_072817_000000462089_00479_43118_2266.N1	30-MAY-2010 07:28:17	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43118	No
101	GOM_NL__2PRFIN20100530_073322_000000422089_00479_43118_2267.N1	30-MAY-2010 07:33:22	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43118	No

102	GOM_NL__2PRFIN20100530_074056_000000412089_00479_43118_2268.N1	30-MAY-2010 07:40:56	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	43118	No
103	GOM_NL__2PRFIN20100530_074237_000000492089_00479_43118_2269.N1	30-MAY-2010 07:42:37	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43118	No
104	GOM_NL__2PRFIN20100530_074426_000000462089_00479_43118_2270.N1	30-MAY-2010 07:44:26	Twi_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	43118	No
105	GOM_NL__2PRFIN20100530_074615_000000482089_00479_43118_2271.N1	30-MAY-2010 07:46:15	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	43118	No
106	GOM_NL__2PRFIN20100530_074819_000000452089_00479_43118_2272.N1	30-MAY-2010 07:48:19	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	43118	No
107	GOM_NL__2PRFIN20100530_075026_000000422089_00479_43118_2273.N1	30-MAY-2010 07:50:26	Bright	42.000	80	7Del Sco	2.3160	30000.	84	43118	No
108	GOM_NL__2PRFIN20100530_075201_000000472089_00479_43118_2274.N1	30-MAY-2010 07:52:01	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	43118	No
109	GOM_NL__2PRFIN20100530_075355_000000442089_00479_43118_2275.N1	30-MAY-2010 07:53:55	Bright	44.000	98	13Zet Oph	2.5710	30000.	88	43118	No
110	GOM_NL__2PRFIN20100530_075608_000000402089_00479_43118_2276.N1	30-MAY-2010 07:56:08	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	43118	No
111	GOM_NL__2PRFIN20100530_075909_000000382089_00479_43118_2277.N1	30-MAY-2010 07:59:09	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43118	No
112	GOM_NL__2PRFIN20100530_080506_000000382089_00479_43118_2278.N1	30-MAY-2010 08:05:06	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	43118	No
113	GOM_NL__2PRFIN20100530_080756_000000432089_00479_43118_2279.N1	30-MAY-2010 08:07:56	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	43118	No
114	GOM_NL__2PRFIN20100530_081546_000000402089_00479_43118_2280.N1	30-MAY-2010 08:15:46	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43118	No
115	GOM_NL__2PRFIN20100530_082618_000000592089_00479_43118_2281.N1	30-MAY-2010 08:26:18	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	43118	No
116	GOM_NL__2PRFIN20100530_083104_000000552089_00479_43118_2282.N1	30-MAY-2010 08:31:04	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43118	No
117	GOM_NL__2PRFIN20100530_083844_000000432089_00479_43118_2283.N1	30-MAY-2010 08:38:44	Bright	43.000	53	43Bet And	2.0480	3300.0	86	43118	No
118	GOM_NL__2PRFIN20100530_084124_000000522089_00479_43118_2284.N1	30-MAY-2010 08:41:24	Twi_and_stray	51.500	58	21Alp And	2.0730	11000.	103	43118	No
119	GOM_NL__2PRFIN20100530_084612_000000502089_00479_43118_2285.N1	30-MAY-2010 08:46:12	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	43118	No
120	GOM_NL__2PRFIN20100530_085509_000000472089_00479_43118_2286.N1	30-MAY-2010 08:55:09	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	43118	No
121	GOM_NL__2PRFIN20100530_090334_000000582089_00479_43118_2287.N1	30-MAY-2010 09:03:34	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	43118	No
122	GOM_NL__2PRFIN20100530_090704_000000502089_00480_43119_2293.N1	30-MAY-2010 09:07:04	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	43119	No
123	GOM_NL__2PRFIN20100530_090854_000000452089_00480_43119_2294.N1	30-MAY-2010 09:08:54	Dark	45.000	31	Alp Gru	1.7340	15200.	90	43119	No
124	GOM_NL__2PRFIN20100530_091359_000000422089_00480_43119_2295.N1	30-MAY-2010 09:13:59	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43119	No
125	GOM_NL__2PRFIN20100530_092133_000000422089_00480_43119_2296.N1	30-MAY-2010 09:21:33	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	43119	No
126	GOM_NL__2PRFIN20100530_092313_000000472089_00480_43119_2297.N1	30-MAY-2010 09:23:13	Straylight	46.500	40	The Sco	1.8590	7100.0	93	43119	No
127	GOM_NL__2PRFIN20100530_092502_000000492089_00480_43119_2298.N1	30-MAY-2010 09:25:02	Twi_and_stray	49.000	25	35Lam Sco	1.6200	28000.	98	43119	No
128	GOM_NL__2PRFIN20100530_092651_000000512089_00480_43119_2299.N1	30-MAY-2010 09:26:51	Twi_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	43119	No
129	GOM_NL__2PRFIN20100530_092855_000000422089_00480_43119_2300.N1	30-MAY-2010 09:28:55	Bright	42.000	136	23Tau Sco	2.8220	30000.	84	43119	No
130	GOM_NL__2PRFIN20100530_093102_000000392089_00480_43119_2301.N1	30-MAY-2010 09:31:02	Bright	38.500	80	7Del Sco	2.3160	30000.	77	43119	No
131	GOM_NL__2PRFIN20100530_093237_000000482089_00480_43119_2302.N1	30-MAY-2010 09:32:37	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	43119	No
132	GOM_NL__2PRFIN20100530_093431_000000432089_00480_43119_2303.N1	30-MAY-2010 09:34:31	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	43119	No
133	GOM_NL__2PRFIN20100530_093644_000000412089_00480_43119_2304.N1	30-MAY-2010 09:36:44	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43119	No
134	GOM_NL__2PRFIN20100530_093945_000000382089_00480_43119_2305.N1	30-MAY-2010 09:39:45	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43119	No
135	GOM_NL__2PRFIN20100530_094541_000000392089_00480_43119_2306.N1	30-MAY-2010 09:45:41	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	43119	No
136	GOM_NL__2PRFIN20100530_094831_000000432089_00480_43119_2307.N1	30-MAY-2010 09:48:31	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	43119	No
137	GOM_NL__2PRFIN20100530_095621_000000392089_00480_43119_2308.N1	30-MAY-2010 09:56:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43119	No
138	GOM_NL__2PRFIN20100530_100653_000000472089_00480_43119_2309.N1	30-MAY-2010 10:06:53	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43119	No
139	GOM_NL__2PRFIN20100530_101140_000000352089_00480_43119_2310.N1	30-MAY-2010 10:11:40	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	43119	No
140	GOM_NL__2PRFIN20100530_101920_000000512089_00480_43119_2311.N1	30-MAY-2010 10:19:20	Bright	51.000	53	43Bet And	2.0480	3300.0	102	43119	No
141	GOM_NL__2PRFIN20100530_102200_000000532089_00480_43119_2312.N1	30-MAY-2010 10:22:00	Twi_and_stray	53.000	58	21Alp And	2.0730	11000.	106	43119	No
142	GOM_NL__2PRFIN20100530_102649_000000502089_00480_43119_2313.N1	30-MAY-2010 10:26:49	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	43119	No
143	GOM_NL__2PRFIN20100530_103546_000000522089_00480_43119_2314.N1	30-MAY-2010 10:35:46	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	43119	No
144	GOM_NL__2PRFIN20100530_104411_000000552089_00480_43119_2315.N1	30-MAY-2010 10:44:11	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	43119	No
145	GOM_NL__2PRFIN20100530_104740_000000482089_00481_43120_2301.N1	30-MAY-2010 10:47:40	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	43120	No
146	GOM_NL__2PRFIN20100530_104931_000000462089_00481_43120_2302.N1	30-MAY-2010 10:49:31	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43120	No
147	GOM_NL__2PRFIN20100530_105435_000000432089_00481_43120_2303.N1	30-MAY-2010 10:54:35	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43120	No
148	GOM_NL__2PRFIN20100530_110209_000000432089_00481_43120_2304.N1	30-MAY-2010 11:02:09	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	43120	No
149	GOM_NL__2PRFIN20100530_110350_000000472089_00481_43120_2305.N1	30-MAY-2010 11:03:50	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43120	No
150	GOM_NL__2PRFIN20100530_110538_000000482089_00481_43120_2306.N1	30-MAY-2010 11:05:38	Twi_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	43120	No
151	GOM_NL__2PRFIN20100530_110727_000000472089_00481_43120_2307.N1	30-MAY-2010 11:07:27	Twi_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	43120	No
152	GOM_NL__2PRFIN20100530_110931_000000442089_00481_43120_2308.N1	30-MAY-2010 11:09:31	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	43120	No
153	GOM_NL__2PRFIN20100530_111138_000000432089_00481_43120_2309.N1	30-MAY-2010 11:11:38	Bright	42.500	80	7Del Sco	2.3160	30000.	85	43120	No
154	GOM_NL__2PRFIN20100530_111313_000000462089_00481_43120_2310.N1	30-MAY-2010 11:13:13	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	43120	No
155	GOM_NL__2PRFIN20100530_111507_000000432089_00481_43120_2311.N1	30-MAY-2010 11:15:07	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	43120	No
156	GOM_NL__2PRFIN20100530_111719_000000412089_00481_43120_2312.N1	30-MAY-2010 11:17:19	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43120	No
157	GOM_NL__2PRFIN20100530_112020_000000382089_00481_43120_2313.N1	30-MAY-2010 11:20:20	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43120	No
158	GOM_NL__2PRFIN20100530_112617_000000392089_00481_43120_2314.N1	30-MAY-2010 11:26:17	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	43120	No
159	GOM_NL__2PRFIN20100530_112906_000000462089_00481_43120_2315.N1	30-MAY-2010 11:29:06	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43120	No
160	GOM_NL__2PRFIN20100530_113657_000000422089_00481_43120_2316.N1	30-MAY-2010 11:36:57	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43120	No

161	GOM_NL__2PRFIN20100530_114728_000000482089_00481_43120_2317.N1	30-MAY-2010 11:47:28	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43120	No
162	GOM_NL__2PRFIN20100530_115216_000000432089_00481_43120_2318.N1	30-MAY-2010 11:52:16	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	43120	No
163	GOM_NL__2PRFIN20100530_115956_000000472089_00481_43120_2319.N1	30-MAY-2010 11:59:56	Bright	46.500	53	43Bet And	2.0480	3300.0	93	43120	No
164	GOM_NL__2PRFIN20100530_120235_000000532089_00481_43120_2320.N1	30-MAY-2010 12:02:35	Twilight	52.500	58	21Alp And	2.0730	11000.	105	43120	No
165	GOM_NL__2PRFIN20100530_120725_000000522089_00481_43120_2321.N1	30-MAY-2010 12:07:25	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	43120	No
166	GOM_NL__2PRFIN20100530_121622_000000482089_00481_43120_2322.N1	30-MAY-2010 12:16:22	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	43120	No
167	GOM_NL__2PRFIN20100530_122448_000000522089_00481_43120_2323.N1	30-MAY-2010 12:24:48	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43120	No
168	GOM_NL__2PRFIN20100530_122817_000000462089_00482_43121_2309.N1	30-MAY-2010 12:28:17	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43121	No
169	GOM_NL__2PRFIN20100530_123007_000000482089_00482_43121_2310.N1	30-MAY-2010 12:30:07	Dark	48.000	31	Alp Gru	1.7340	15200.	96	43121	No
170	GOM_NL__2PRFIN20100530_123512_000000422089_00482_43121_2311.N1	30-MAY-2010 12:35:12	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43121	No
171	GOM_NL__2PRFIN20100530_124245_000000422089_00482_43121_2312.N1	30-MAY-2010 12:42:45	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	43121	No
172	GOM_NL__2PRFIN20100530_124426_000000492089_00482_43121_2313.N1	30-MAY-2010 12:44:26	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43121	No
173	GOM_NL__2PRFIN20100530_124614_000000502089_00482_43121_2314.N1	30-MAY-2010 12:46:14	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	43121	No
174	GOM_NL__2PRFIN20100530_124804_000000472089_00482_43121_2315.N1	30-MAY-2010 12:48:04	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	43121	No
175	GOM_NL__2PRFIN20100530_125007_000000512089_00482_43121_2316.N1	30-MAY-2010 12:50:07	Bright	51.000	136	23Tau Sco	2.8220	30000.	102	43121	No
176	GOM_NL__2PRFIN20100530_125214_000000422089_00482_43121_2317.N1	30-MAY-2010 12:52:14	Bright	42.000	80	7Del Sco	2.3160	30000.	84	43121	No
177	GOM_NL__2PRFIN20100530_125349_000000492089_00482_43121_2318.N1	30-MAY-2010 12:53:49	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	43121	No
178	GOM_NL__2PRFIN20100530_125542_000000462089_00482_43121_2319.N1	30-MAY-2010 12:55:42	Bright	45.500	98	13Zet Oph	2.5710	30000.	91	43121	No
179	GOM_NL__2PRFIN20100530_125755_000000412089_00482_43121_2320.N1	30-MAY-2010 12:57:55	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43121	No
180	GOM_NL__2PRFIN20100530_130056_000000382089_00482_43121_2321.N1	30-MAY-2010 13:00:56	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	43121	No
181	GOM_NL__2PRFIN20100530_130653_000000412089_00482_43121_2322.N1	30-MAY-2010 13:06:53	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	43121	No
182	GOM_NL__2PRFIN20100530_130942_000000432089_00482_43121_2323.N1	30-MAY-2010 13:09:42	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	43121	No
183	GOM_NL__2PRFIN20100530_131733_000000362089_00482_43121_2324.N1	30-MAY-2010 13:17:33	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	43121	No
184	GOM_NL__2PRFIN20100530_132804_000000482089_00482_43121_2325.N1	30-MAY-2010 13:28:04	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43121	No
185	GOM_NL__2PRFIN20100530_133252_000000552089_00482_43121_2326.N1	30-MAY-2010 13:32:52	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43121	No
186	GOM_NL__2PRFIN20100530_134032_000000442089_00482_43121_2327.N1	30-MAY-2010 13:40:32	Bright	44.000	53	43Bet And	2.0480	3300.0	88	43121	No
187	GOM_NL__2PRFIN20100530_134312_000000522089_00482_43121_2328.N1	30-MAY-2010 13:43:12	Twilight	51.500	58	21Alp And	2.0730	11000.	103	43121	No
188	GOM_NL__2PRFIN20100530_134801_000000492089_00482_43121_2329.N1	30-MAY-2010 13:48:01	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	43121	No
189	GOM_NL__2PRFIN20100530_135659_000000462089_00482_43121_2330.N1	30-MAY-2010 13:56:59	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	43121	No
190	GOM_NL__2PRFIN20100530_140526_000000652089_00482_43121_2331.N1	30-MAY-2010 14:05:26	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	43121	No
191	GOM_NL__2PRFIN20100530_140854_000000532089_00483_43122_2317.N1	30-MAY-2010 14:08:54	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	43122	No
192	GOM_NL__2PRFIN20100530_141044_000000472089_00483_43122_2318.N1	30-MAY-2010 14:10:44	Dark	46.500	31	Alp Gru	1.7340	15200.	93	43122	No
193	GOM_NL__2PRFIN20100530_141549_000000432089_00483_43122_2319.N1	30-MAY-2010 14:15:49	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43122	No
194	GOM_NL__2PRFIN20100530_142322_000000402089_00483_43122_2320.N1	30-MAY-2010 14:23:22	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	43122	No
195	GOM_NL__2PRFIN20100530_142502_000000482089_00483_43122_2321.N1	30-MAY-2010 14:25:02	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43122	No
196	GOM_NL__2PRFIN20100530_142651_000000502089_00483_43122_2322.N1	30-MAY-2010 14:26:51	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	43122	No
197	GOM_NL__2PRFIN20100530_142840_000000482089_00483_43122_2323.N1	30-MAY-2010 14:28:40	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	43122	No
198	GOM_NL__2PRFIN20100530_143044_000000462089_00483_43122_2324.N1	30-MAY-2010 14:30:44	Bright	45.500	136	23Tau Sco	2.8220	30000.	91	43122	No
199	GOM_NL__2PRFIN20100530_143250_000000432089_00483_43122_2325.N1	30-MAY-2010 14:32:50	Bright	42.500	80	7Del Sco	2.3160	30000.	85	43122	No
200	GOM_NL__2PRFIN20100530_143425_000000472089_00483_43122_2326.N1	30-MAY-2010 14:34:25	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	43122	No
201	GOM_NL__2PRFIN20100530_143618_000000432089_00483_43122_2327.N1	30-MAY-2010 14:36:18	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43122	No
202	GOM_NL__2PRFIN20100530_143831_000000432089_00483_43122_2328.N1	30-MAY-2010 14:38:31	Bright	42.500	120	1Del Oph	2.7340	3200.0	85	43122	No
203	GOM_NL__2PRFIN20100530_144132_000000382089_00483_43122_2329.N1	30-MAY-2010 14:41:32	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43122	No
204	GOM_NL__2PRFIN20100530_144729_000000392089_00483_43122_2330.N1	30-MAY-2010 14:47:29	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	43122	No
205	GOM_NL__2PRFIN20100530_145017_000000452089_00483_43122_2331.N1	30-MAY-2010 14:50:17	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	43122	No
206	GOM_NL__2PRFIN20100530_145808_000000402089_00483_43122_2332.N1	30-MAY-2010 14:58:08	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43122	No
207	GOM_NL__2PRFIN20100530_150839_000000482089_00483_43122_2333.N1	30-MAY-2010 15:08:39	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43122	No
208	GOM_NL__2PRFIN20100530_151328_000000552089_00483_43122_2334.N1	30-MAY-2010 15:13:28	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43122	No
209	GOM_NL__2PRFIN20100530_152108_000000482089_00483_43122_2335.N1	30-MAY-2010 15:21:08	Bright	47.500	53	43Bet And	2.0480	3300.0	95	43122	No
210	GOM_NL__2PRFIN20100530_152348_000000502089_00483_43122_2336.N1	30-MAY-2010 15:23:48	Twilight	50.000	58	21Alp And	2.0730	11000.	100	43122	No
211	GOM_NL__2PRFIN20100530_152838_000000482089_00483_43122_2337.N1	30-MAY-2010 15:28:38	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	43122	No
212	GOM_NL__2PRFIN20100530_153735_000000452089_00483_43122_2338.N1	30-MAY-2010 15:37:35	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43122	No
213	GOM_NL__2PRFIN20100530_154602_000000622089_00483_43122_2339.N1	30-MAY-2010 15:46:02	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	43122	No
214	GOM_NL__2PRFIN20100530_154931_000000462089_00484_43123_2325.N1	30-MAY-2010 15:49:31	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43123	No
215	GOM_NL__2PRFIN20100530_155121_000000492089_00484_43123_2326.N1	30-MAY-2010 15:51:21	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43123	No
216	GOM_NL__2PRFIN20100530_155625_000000422089_00484_43123_2327.N1	30-MAY-2010 15:56:25	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43123	No
217	GOM_NL__2PRFIN20100530_160358_000000402089_00484_43123_2328.N1	30-MAY-2010 16:03:58	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	43123	No
218	GOM_NL__2PRFIN20100530_160539_000000492089_00484_43123_2329.N1	30-MAY-2010 16:05:39	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43123	No
219	GOM_NL__2PRFIN20100530_160727_000000492089_00484_43123_2330.N1	30-MAY-2010 16:07:27	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	43123	No

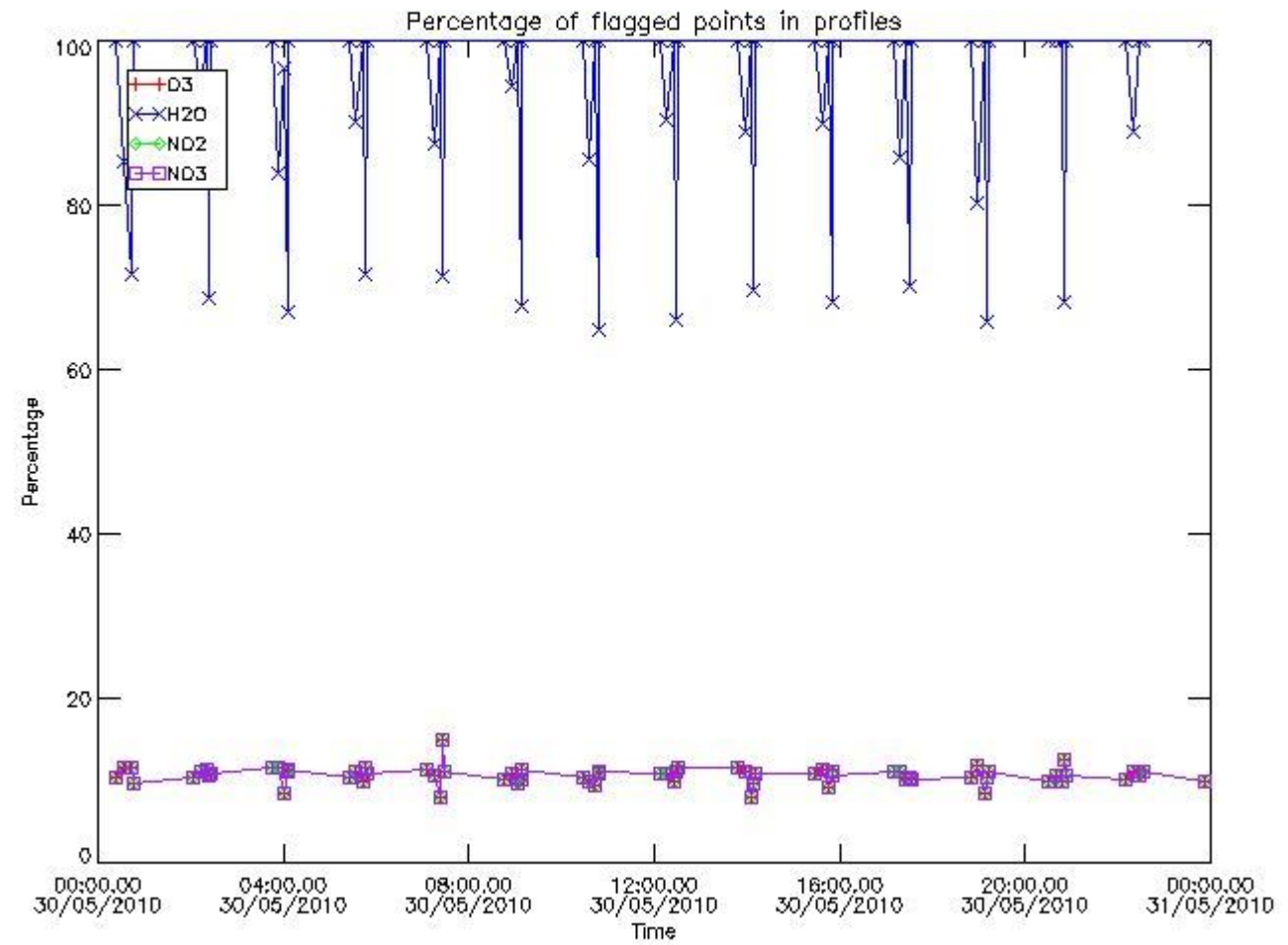
220	GOM_NL__2PRFIN20100530_160916_000000452089_00484_43123_2331.N1	30-MAY-2010 16:09:16	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	43123	No
221	GOM_NL__2PRFIN20100530_161120_000000452089_00484_43123_2332.N1	30-MAY-2010 16:11:20	Bright	45.000	136	23Tau Sco	2.8220	30000.	90	43123	No
222	GOM_NL__2PRFIN20100530_161326_000000452089_00484_43123_2333.N1	30-MAY-2010 16:13:26	Bright	44.500	80	7Del Sco	2.3160	30000.	89	43123	No
223	GOM_NL__2PRFIN20100530_161501_000000462089_00484_43123_2334.N1	30-MAY-2010 16:15:01	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	43123	No
224	GOM_NL__2PRFIN20100530_161654_000000442089_00484_43123_2335.N1	30-MAY-2010 16:16:54	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	43123	No
225	GOM_NL__2PRFIN20100530_161907_000000412089_00484_43123_2336.N1	30-MAY-2010 16:19:07	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43123	No
226	GOM_NL__2PRFIN20100530_162208_000000372089_00484_43123_2337.N1	30-MAY-2010 16:22:08	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	43123	No
227	GOM_NL__2PRFIN20100530_162805_000000382089_00484_43123_2338.N1	30-MAY-2010 16:28:05	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	43123	No
228	GOM_NL__2PRFIN20100530_163053_000000452089_00484_43123_2339.N1	30-MAY-2010 16:30:53	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	43123	No
229	GOM_NL__2PRFIN20100530_163844_000000412089_00484_43123_2340.N1	30-MAY-2010 16:38:44	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43123	No
230	GOM_NL__2PRFIN20100530_164915_000000492089_00484_43123_2341.N1	30-MAY-2010 16:49:15	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43123	No
231	GOM_NL__2PRFIN20100530_165404_000000552089_00484_43123_2342.N1	30-MAY-2010 16:54:04	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43123	No
232	GOM_NL__2PRFIN20100530_170144_000000482089_00484_43123_2343.N1	30-MAY-2010 17:01:44	Bright	48.000	53	43Bet And	2.0480	3300.0	96	43123	No
233	GOM_NL__2PRFIN20100530_170424_000000522089_00484_43123_2344.N1	30-MAY-2010 17:04:24	Twilight	51.500	58	21Alp And	2.0730	11000.	103	43123	No
234	GOM_NL__2PRFIN20100530_170914_000000502089_00484_43123_2345.N1	30-MAY-2010 17:09:14	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	43123	No
235	GOM_NL__2PRFIN20100530_171812_000000462089_00484_43123_2346.N1	30-MAY-2010 17:18:12	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43123	No
236	GOM_NL__2PRFIN20100530_172640_000000512089_00484_43123_2347.N1	30-MAY-2010 17:26:40	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	43123	No
237	GOM_NL__2PRFIN20100530_173008_000000592089_00485_43124_2341.N1	30-MAY-2010 17:30:08	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	43124	No
238	GOM_NL__2PRFIN20100530_173158_000000512089_00485_43124_2342.N1	30-MAY-2010 17:31:58	Dark	50.500	31	Alp Gru	1.7340	15200.	101	43124	No
239	GOM_NL__2PRFIN20100530_173702_000000432089_00485_43124_2343.N1	30-MAY-2010 17:37:02	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43124	No
240	GOM_NL__2PRFIN20100530_174435_000000402089_00485_43124_2344.N1	30-MAY-2010 17:44:35	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	43124	No
241	GOM_NL__2PRFIN20100530_174615_000000492089_00485_43124_2345.N1	30-MAY-2010 17:46:15	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43124	No
242	GOM_NL__2PRFIN20100530_174804_000000502089_00485_43124_2346.N1	30-MAY-2010 17:48:04	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	43124	No
243	GOM_NL__2PRFIN20100530_174953_000000482089_00485_43124_2347.N1	30-MAY-2010 17:49:53	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	43124	No
244	GOM_NL__2PRFIN20100530_175156_000000572089_00485_43124_2348.N1	30-MAY-2010 17:51:56	Bright	57.000	136	23Tau Sco	2.8220	30000.	114	43124	No
245	GOM_NL__2PRFIN20100530_175402_000000442089_00485_43124_2349.N1	30-MAY-2010 17:54:02	Bright	43.500	80	7Del Sco	2.3160	30000.	87	43124	No
246	GOM_NL__2PRFIN20100530_175538_000000492089_00485_43124_2350.N1	30-MAY-2010 17:55:38	Bright	49.000	86	35Eta Oph	2.4300	10200.	98	43124	No
247	GOM_NL__2PRFIN20100530_175731_000000422089_00485_43124_2351.N1	30-MAY-2010 17:57:31	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	43124	No
248	GOM_NL__2PRFIN20100530_175943_000000402089_00485_43124_2352.N1	30-MAY-2010 17:59:43	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	43124	No
249	GOM_NL__2PRFIN20100530_180244_000000372089_00485_43124_2353.N1	30-MAY-2010 18:02:44	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	43124	No
250	GOM_NL__2PRFIN20100530_180840_000000402089_00485_43124_2354.N1	30-MAY-2010 18:08:40	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	43124	No
251	GOM_NL__2PRFIN20100530_181128_000000462089_00485_43124_2355.N1	30-MAY-2010 18:11:28	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	43124	No
252	GOM_NL__2PRFIN20100530_181920_000000382089_00485_43124_2356.N1	30-MAY-2010 18:19:20	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	43124	No
253	GOM_NL__2PRFIN20100530_182950_000000482089_00485_43124_2357.N1	30-MAY-2010 18:29:50	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43124	No
254	GOM_NL__2PRFIN20100530_183440_000000512089_00485_43124_2358.N1	30-MAY-2010 18:34:40	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43124	No
255	GOM_NL__2PRFIN20100530_184220_000000562089_00485_43124_2359.N1	30-MAY-2010 18:42:20	Bright	56.000	53	43Bet And	2.0480	3300.0	112	43124	No
256	GOM_NL__2PRFIN20100530_184500_000000532089_00485_43124_2360.N1	30-MAY-2010 18:45:00	Twilight	53.000	58	21Alp And	2.0730	11000.	106	43124	No
257	GOM_NL__2PRFIN20100530_184951_000000502089_00485_43124_2361.N1	30-MAY-2010 18:49:51	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	43124	No
258	GOM_NL__2PRFIN20100530_185848_000000442089_00485_43124_2362.N1	30-MAY-2010 18:58:48	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	43124	No
259	GOM_NL__2PRFIN20100530_190717_000000612089_00485_43124_2363.N1	30-MAY-2010 19:07:17	Dark	61.000	18	24Alp PsA	1.1660	9700.0	122	43124	No
260	GOM_NL__2PRFIN20100530_191044_000000552089_00486_43125_2349.N1	30-MAY-2010 19:10:44	Dark	54.500	63	Bet Gru	2.1500	2800.0	109	43125	No
261	GOM_NL__2PRFIN20100530_191235_000000462089_00486_43125_2350.N1	30-MAY-2010 19:12:35	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43125	No
262	GOM_NL__2PRFIN20100530_191739_000000432089_00486_43125_2351.N1	30-MAY-2010 19:17:39	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43125	No
263	GOM_NL__2PRFIN20100530_192511_000000402089_00486_43125_2352.N1	30-MAY-2010 19:25:11	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	43125	No
264	GOM_NL__2PRFIN20100530_192652_000000472089_00486_43125_2353.N1	30-MAY-2010 19:26:52	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43125	No
265	GOM_NL__2PRFIN20100530_192840_000000502089_00486_43125_2354.N1	30-MAY-2010 19:28:40	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	43125	No
266	GOM_NL__2PRFIN20100530_193029_000000472089_00486_43125_2355.N1	30-MAY-2010 19:30:29	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	43125	No
267	GOM_NL__2PRFIN20100530_193232_000000492089_00486_43125_2356.N1	30-MAY-2010 19:32:32	Bright	48.500	136	23Tau Sco	2.8220	30000.	97	43125	No
268	GOM_NL__2PRFIN20100530_193438_000000422089_00486_43125_2357.N1	30-MAY-2010 19:34:38	Bright	41.500	80	7Del Sco	2.3160	30000.	83	43125	No
269	GOM_NL__2PRFIN20100530_193614_000000482089_00486_43125_2358.N1	30-MAY-2010 19:36:14	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	43125	No
270	GOM_NL__2PRFIN20100530_193806_000000432089_00486_43125_2359.N1	30-MAY-2010 19:38:06	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	43125	No
271	GOM_NL__2PRFIN20100530_194019_000000402089_00486_43125_2360.N1	30-MAY-2010 19:40:19	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	43125	No
272	GOM_NL__2PRFIN20100530_194320_000000382089_00486_43125_2361.N1	30-MAY-2010 19:43:20	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43125	No
273	GOM_NL__2PRFIN20100530_194916_000000382089_00486_43125_2362.N1	30-MAY-2010 19:49:16	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	43125	No
274	GOM_NL__2PRFIN20100530_195204_000000462089_00486_43125_2363.N1	30-MAY-2010 19:52:04	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	43125	No
275	GOM_NL__2PRFIN20100530_195955_000000422089_00486_43125_2364.N1	30-MAY-2010 19:59:55	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	43125	No
276	GOM_NL__2PRFIN20100530_201025_000000472089_00486_43125_2365.N1	30-MAY-2010 20:10:25	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43125	No
277	GOM_NL__2PRFIN20100530_201515_000000552089_00486_43125_2366.N1	30-MAY-2010 20:15:15	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43125	No
278	GOM_NL__2PRFIN20100530_202256_000000522089_00486_43125_2367.N1	30-MAY-2010 20:22:56	Bright	51.500	53	43Bet And	2.0480	3300.0	103	43125	No

279	GOM_NL__2PRFIN20100530_202536_000000562089_00486_43125_2368.N1	30-MAY-2010 20:25:36	Twilight	55.500	58	21Alp And	2.0730	11000.	111	43125	No
280	GOM_NL__2PRFIN20100530_203027_000000522089_00486_43125_2369.N1	30-MAY-2010 20:30:27	Dark	51.500	140	88Gam Peg	2.8340	26000.	103	43125	No
281	GOM_NL__2PRFIN20100530_203925_000000492089_00486_43125_2370.N1	30-MAY-2010 20:39:25	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	43125	No
282	GOM_NL__2PRFIN20100530_204754_000000512089_00486_43125_2371.N1	30-MAY-2010 20:47:54	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	43125	No
283	GOM_NL__2PRFIN20100530_205121_000000572089_00487_43126_2363.N1	30-MAY-2010 20:51:21	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	43126	No
284	GOM_NL__2PRFIN20100530_205312_000000492089_00487_43126_2364.N1	30-MAY-2010 20:53:12	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43126	No
285	GOM_NL__2PRFIN20100530_205815_000000442089_00487_43126_2365.N1	30-MAY-2010 20:58:15	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	43126	No
286	GOM_NL__2PRFIN20100530_210547_000000412089_00487_43126_2366.N1	30-MAY-2010 21:05:47	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	43126	No
287	GOM_NL__2PRFIN20100530_210728_000000472089_00487_43126_2367.N1	30-MAY-2010 21:07:28	Straylight	47.000	40	The Sco	1.8590	7100.0	94	43126	No
288	GOM_NL__2PRFIN20100530_210917_000000492089_00487_43126_2368.N1	30-MAY-2010 21:09:17	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	43126	No
289	GOM_NL__2PRFIN20100530_211105_000000492089_00487_43126_2369.N1	30-MAY-2010 21:11:05	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	43126	No
290	GOM_NL__2PRFIN20100530_211308_000000502089_00487_43126_2370.N1	30-MAY-2010 21:13:08	Bright	50.000	136	23Tau Sco	2.8220	30000.	100	43126	No
291	GOM_NL__2PRFIN20100530_211515_000000452089_00487_43126_2371.N1	30-MAY-2010 21:15:15	Bright	44.500	80	7Del Sco	2.3160	30000.	89	43126	No
292	GOM_NL__2PRFIN20100530_211650_000000482089_00487_43126_2372.N1	30-MAY-2010 21:16:50	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	43126	No
293	GOM_NL__2PRFIN20100530_211842_000000442089_00487_43126_2373.N1	30-MAY-2010 21:18:42	Bright	43.500	98	13Zet Oph	2.5710	30000.	87	43126	No
294	GOM_NL__2PRFIN20100530_212055_000000412089_00487_43126_2374.N1	30-MAY-2010 21:20:55	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43126	No
295	GOM_NL__2PRFIN20100530_212356_000000382089_00487_43126_2375.N1	30-MAY-2010 21:23:56	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43126	No
296	GOM_NL__2PRFIN20100530_212952_000000402089_00487_43126_2376.N1	30-MAY-2010 21:29:52	Bright	40.000	67	5Alp CrB	2.2210	11000.	80	43126	No
297	GOM_NL__2PRFIN20100530_213239_000000452089_00487_43126_2377.N1	30-MAY-2010 21:32:39	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	43126	No
298	GOM_NL__2PRFIN20100530_214031_000000402089_00487_43126_2378.N1	30-MAY-2010 21:40:31	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43126	No
299	GOM_NL__2PRFIN20100530_215101_000000452089_00487_43126_2379.N1	30-MAY-2010 21:51:01	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43126	No
300	GOM_NL__2PRFIN20100530_215551_000000552089_00487_43126_2380.N1	30-MAY-2010 21:55:51	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43126	No
301	GOM_NL__2PRFIN20100530_220332_000000432089_00487_43126_2381.N1	30-MAY-2010 22:03:32	Bright	42.500	53	43Bet And	2.0480	3300.0	85	43126	No
302	GOM_NL__2PRFIN20100530_220613_000000532089_00487_43126_2382.N1	30-MAY-2010 22:06:13	Twilight	52.500	58	21Alp And	2.0730	11000.	105	43126	No
303	GOM_NL__2PRFIN20100530_221103_000000512089_00487_43126_2383.N1	30-MAY-2010 22:11:03	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	43126	No
304	GOM_NL__2PRFIN20100530_222001_000000462089_00487_43126_2384.N1	30-MAY-2010 22:20:01	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43126	No
305	GOM_NL__2PRFIN20100530_222831_000000532089_00487_43126_2385.N1	30-MAY-2010 22:28:31	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	43126	No
306	GOM_NL__2PRFIN20100530_223348_000000462089_00488_43127_2387.N1	30-MAY-2010 22:33:48	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43127	No
307	GOM_NL__2PRFIN20100530_223852_000000432089_00488_43127_2388.N1	30-MAY-2010 22:38:52	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43127	No
308	GOM_NL__2PRFIN20100530_224624_000000432089_00488_43127_2389.N1	30-MAY-2010 22:46:24	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	43127	No
309	GOM_NL__2PRFIN20100530_224804_000000462089_00488_43127_2390.N1	30-MAY-2010 22:48:04	Straylight	46.000	40	The Sco	1.8590	7100.0	92	43127	No
310	GOM_NL__2PRFIN20100530_224953_000000482089_00488_43127_2391.N1	30-MAY-2010 22:49:53	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	43127	No
311	GOM_NL__2PRFIN20100530_225141_000000472089_00488_43127_2392.N1	30-MAY-2010 22:51:41	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	43127	No
312	GOM_NL__2PRFIN20100530_225344_000000552089_00488_43127_2393.N1	30-MAY-2010 22:53:44	Bright	54.500	136	23Tau Sco	2.8220	30000.	109	43127	No
313	GOM_NL__2PRFIN20100530_225551_000000412089_00488_43127_2394.N1	30-MAY-2010 22:55:51	Bright	41.000	80	7Del Sco	2.3160	30000.	82	43127	No
314	GOM_NL__2PRFIN20100530_225726_000000472089_00488_43127_2395.N1	30-MAY-2010 22:57:26	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	43127	No
315	GOM_NL__2PRFIN20100530_225918_000000422089_00488_43127_2396.N1	30-MAY-2010 22:59:18	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	43127	No
316	GOM_NL__2PRFIN20100530_230131_000000412089_00488_43127_2397.N1	30-MAY-2010 23:01:31	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	43127	No
317	GOM_NL__2PRFIN20100530_230431_000000382089_00488_43127_2398.N1	30-MAY-2010 23:04:31	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	43127	No
318	GOM_NL__2PRFIN20100530_231028_000000412089_00488_43127_2399.N1	30-MAY-2010 23:10:28	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	43127	No
319	GOM_NL__2PRFIN20100530_231314_000000442089_00488_43127_2400.N1	30-MAY-2010 23:13:14	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	43127	No
320	GOM_NL__2PRFIN20100530_232106_000000402089_00488_43127_2401.N1	30-MAY-2010 23:21:06	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43127	No
321	GOM_NL__2PRFIN20100530_233136_000000482089_00488_43127_2402.N1	30-MAY-2010 23:31:36	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43127	No
322	GOM_NL__2PRFIN20100530_233627_000000552089_00488_43127_2403.N1	30-MAY-2010 23:36:27	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	43127	No
323	GOM_NL__2PRFIN20100530_234409_000000442089_00488_43127_2404.N1	30-MAY-2010 23:44:09	Bright	43.500	53	43Bet And	2.0480	3300.0	87	43127	No
324	GOM_NL__2PRFIN20100530_234648_000000532089_00488_43127_2405.N1	30-MAY-2010 23:46:48	Twilight	52.500	58	21Alp And	2.0730	11000.	105	43127	No
325	GOM_NL__2PRFIN20100530_235140_000000522089_00488_43127_2406.N1	30-MAY-2010 23:51:40	Dark	52.000	140	88Gam Peg	2.8340	26000.	104	43127	No

3. Quality information per product

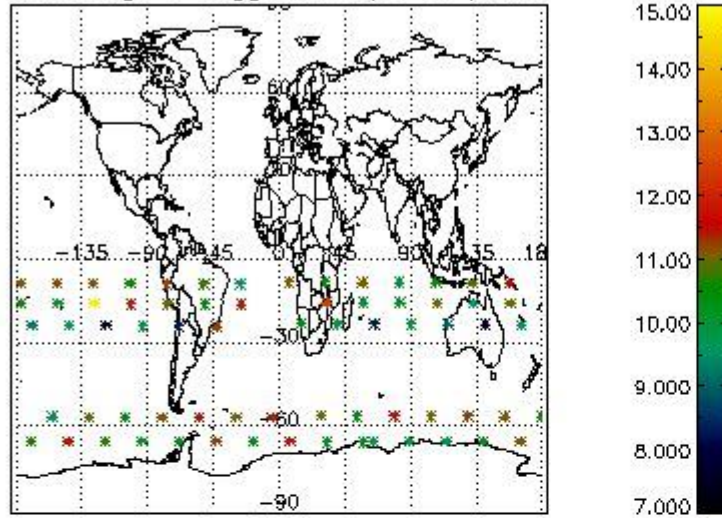
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

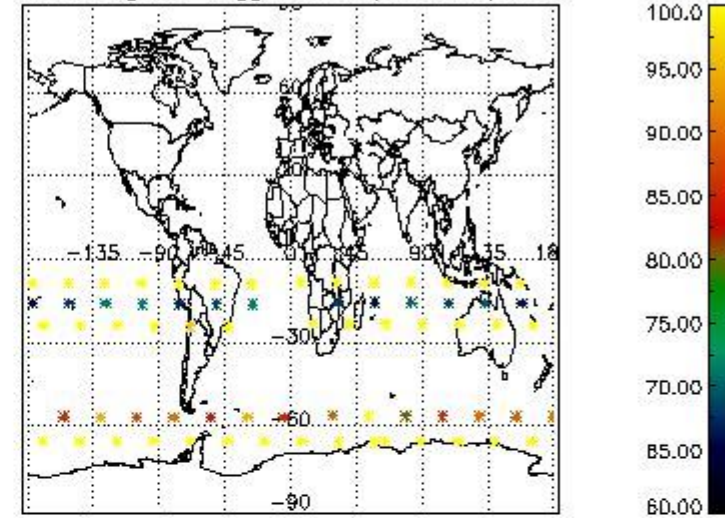


3.2 Plot quality information per product (world map)

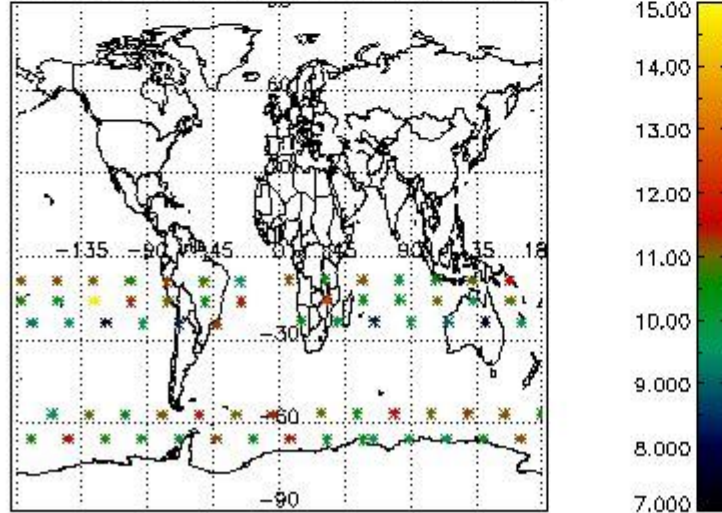
Percentage of flagged data per O3 profile



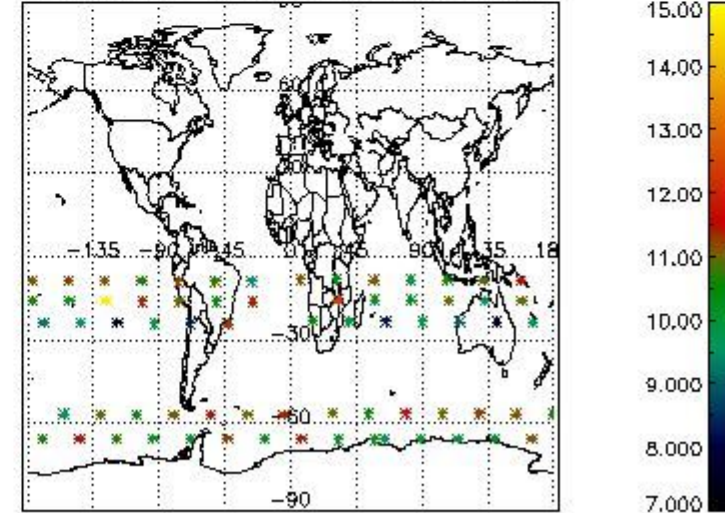
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

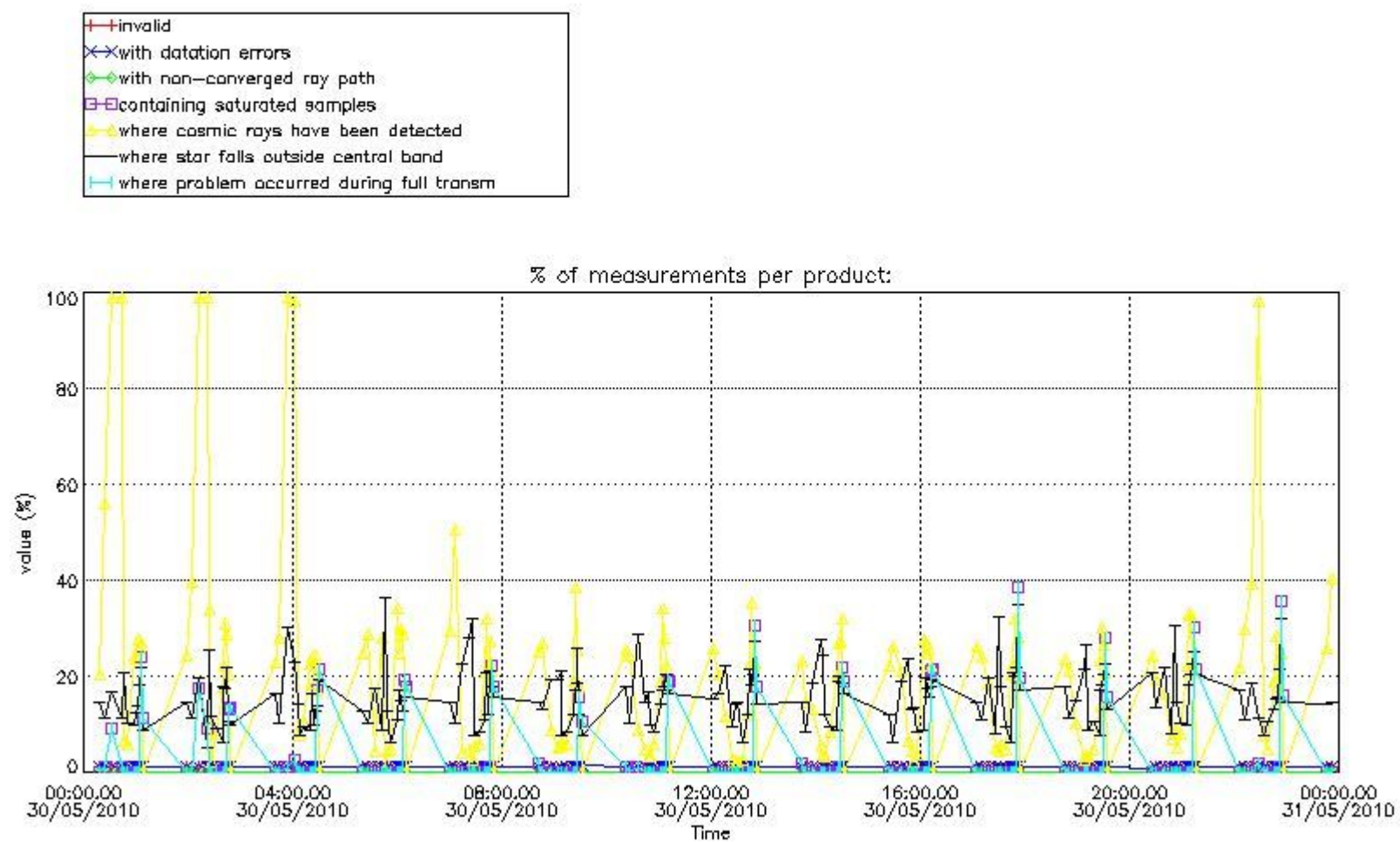


4. Level 1 quality information per product

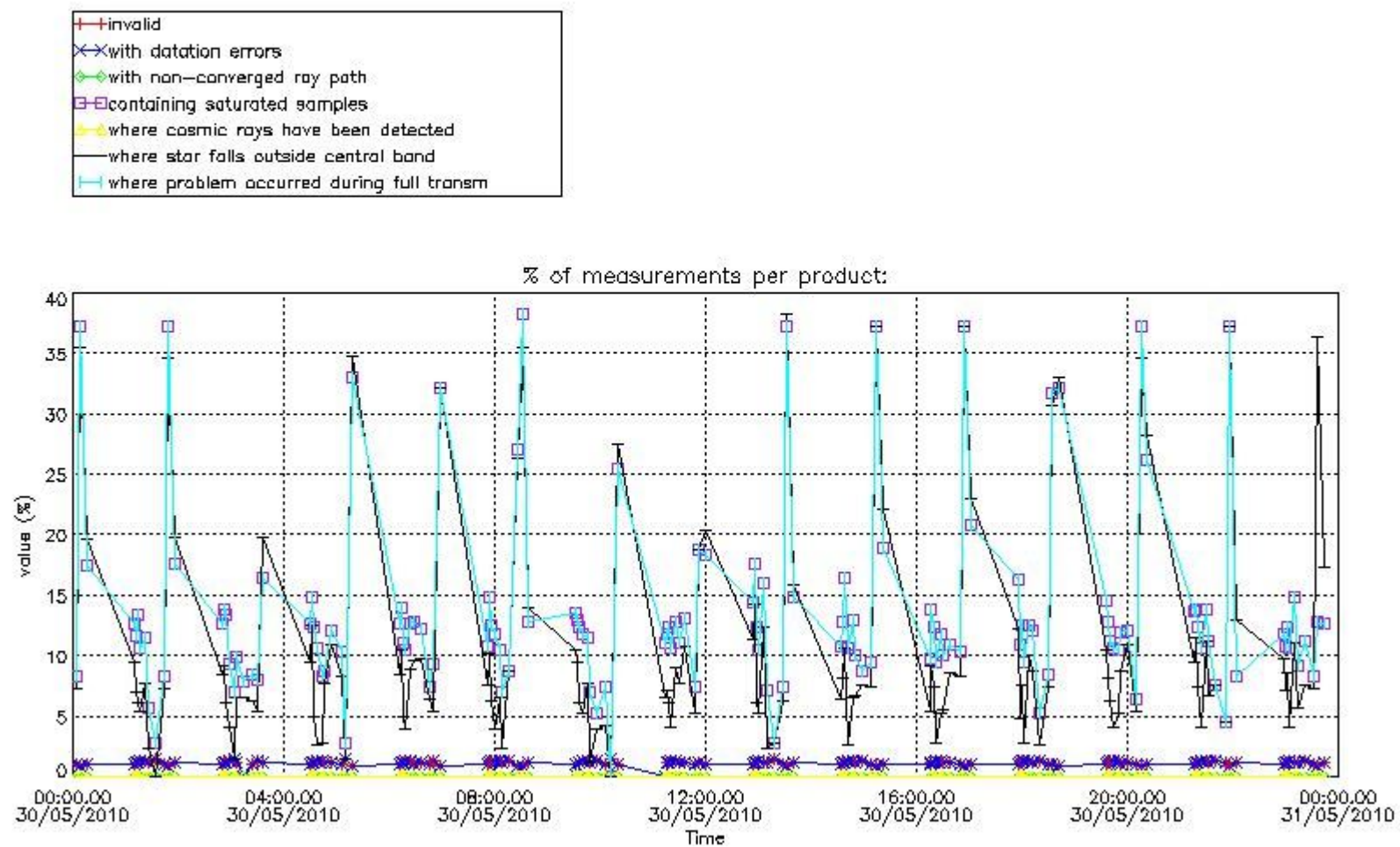
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

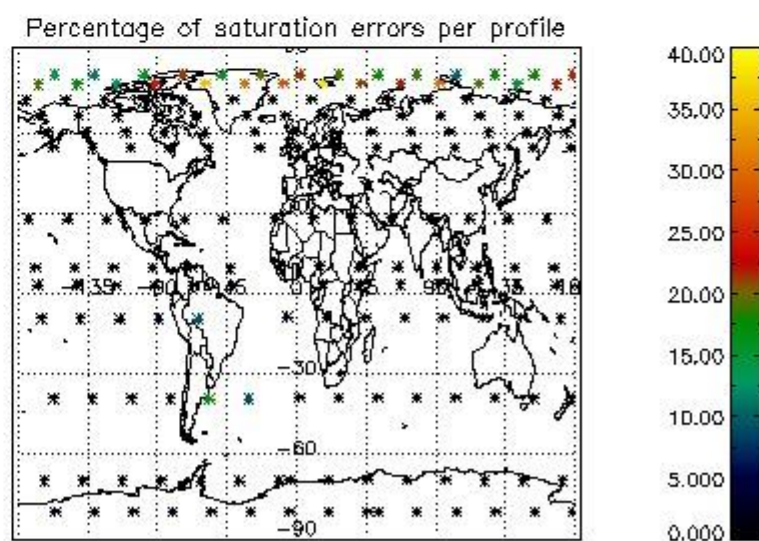
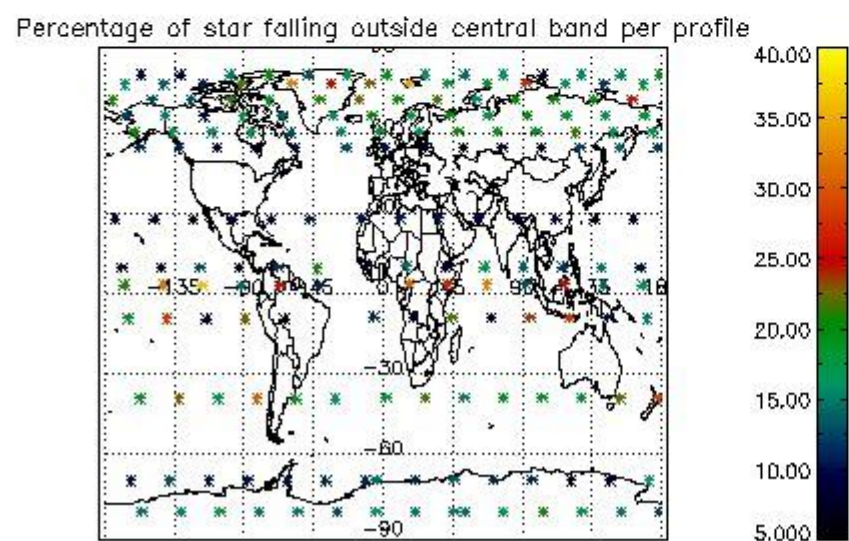
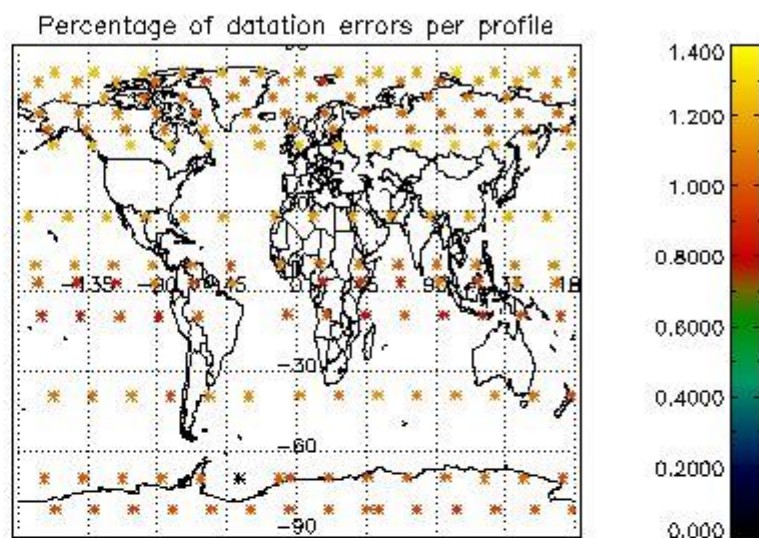
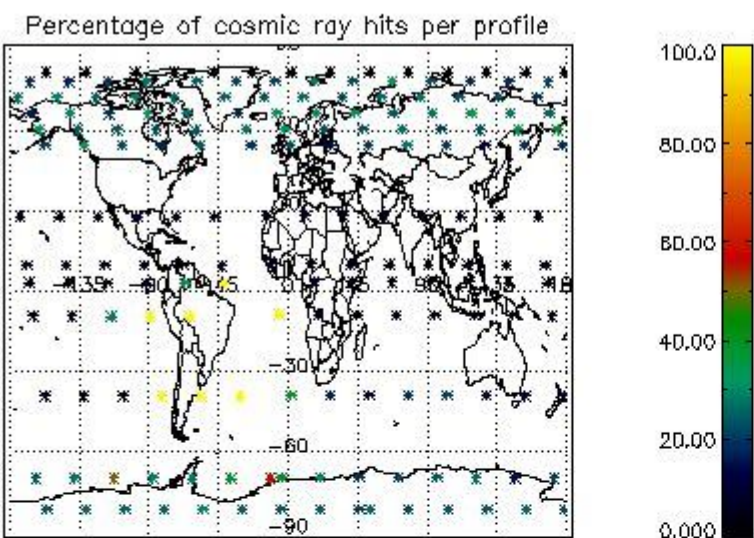


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

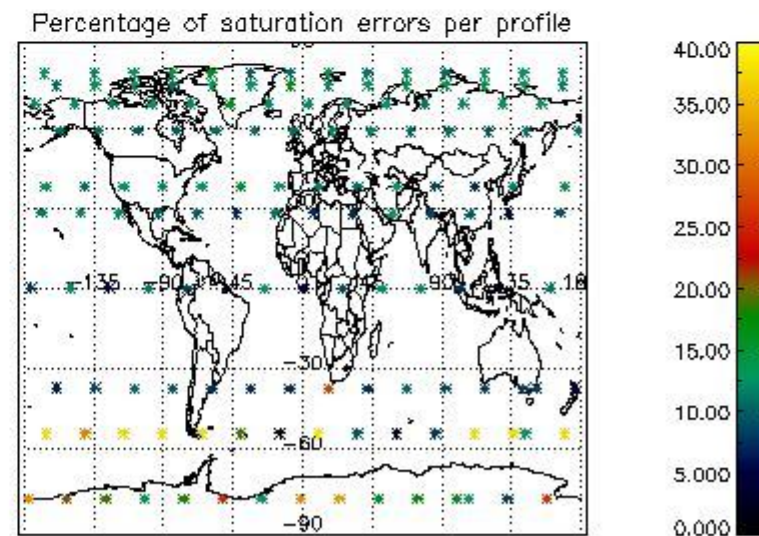
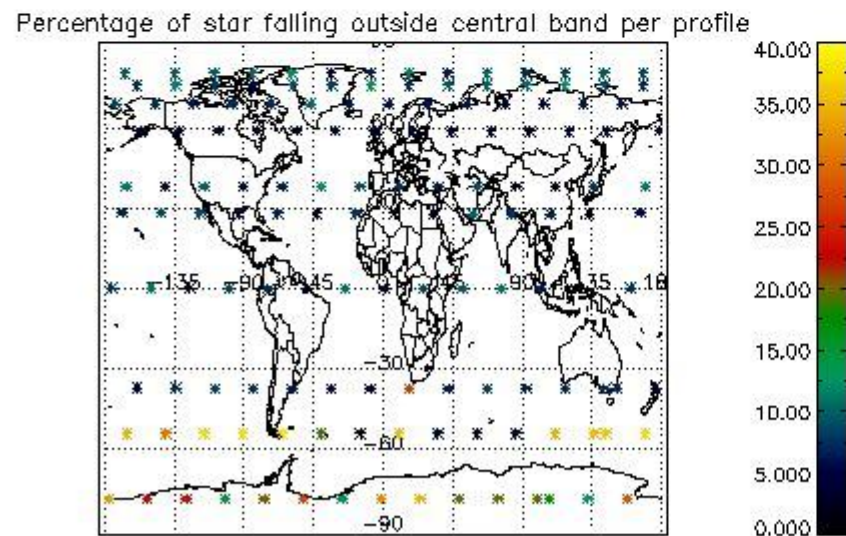
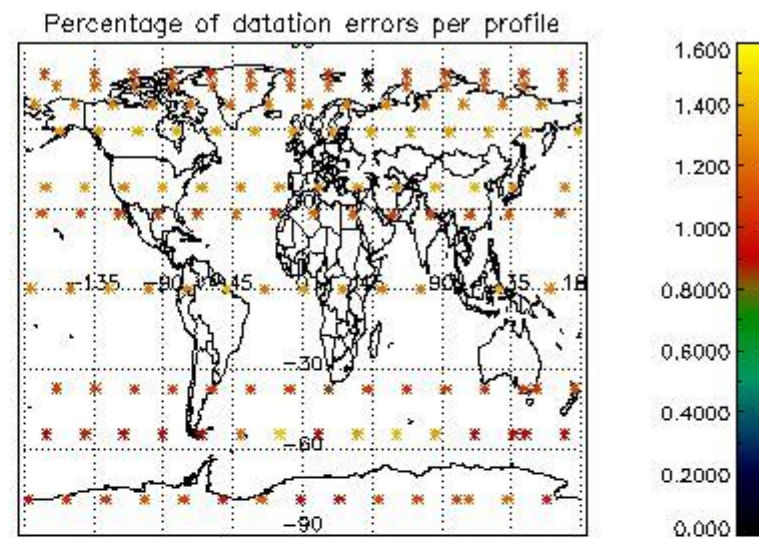
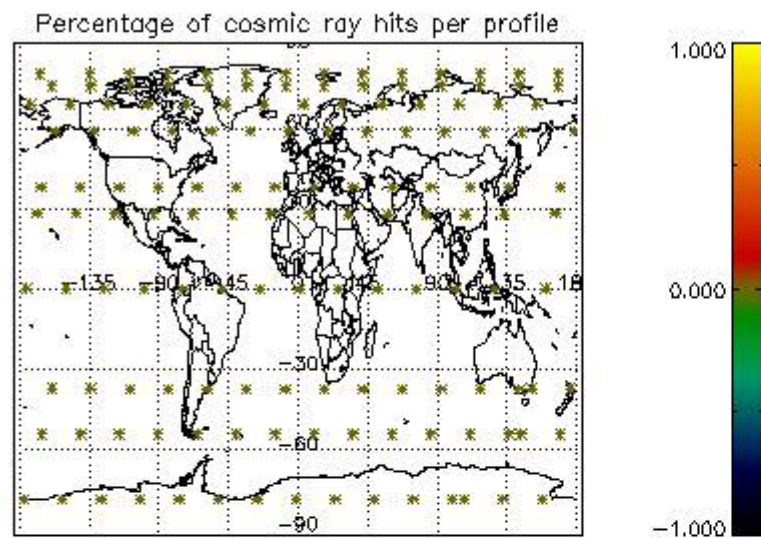


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

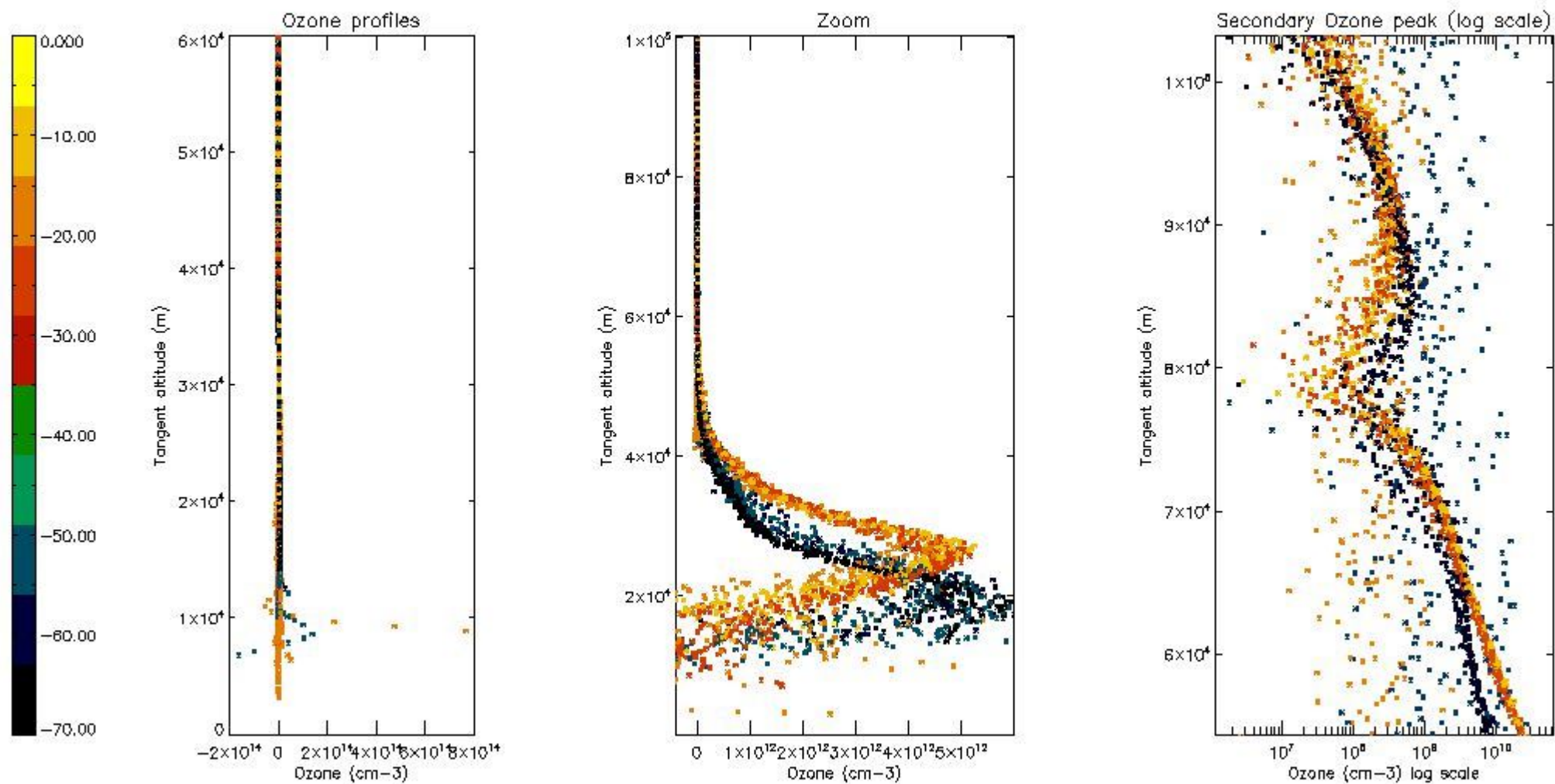
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	12

STD < 10	9
STD < 5	6

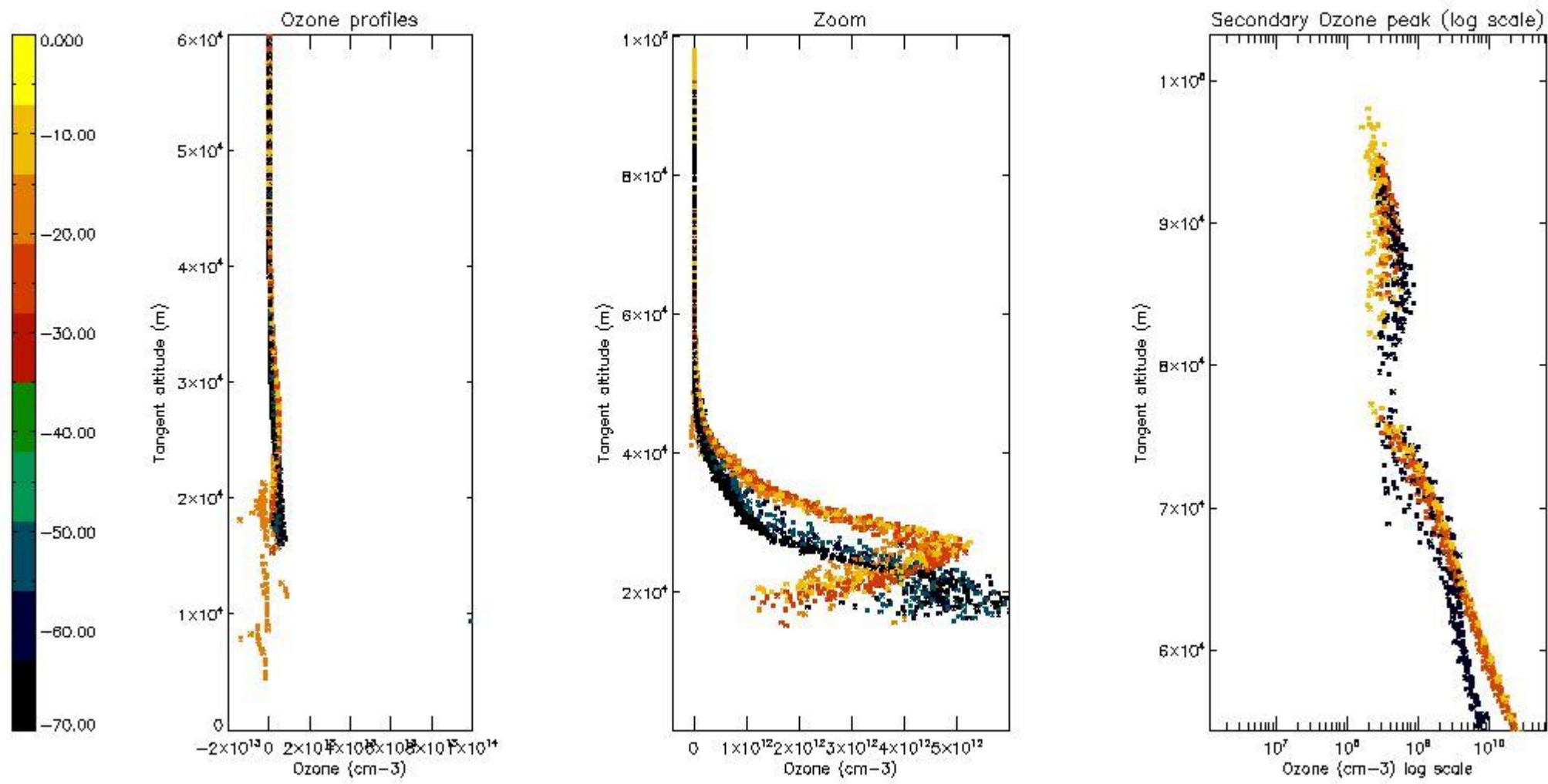
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



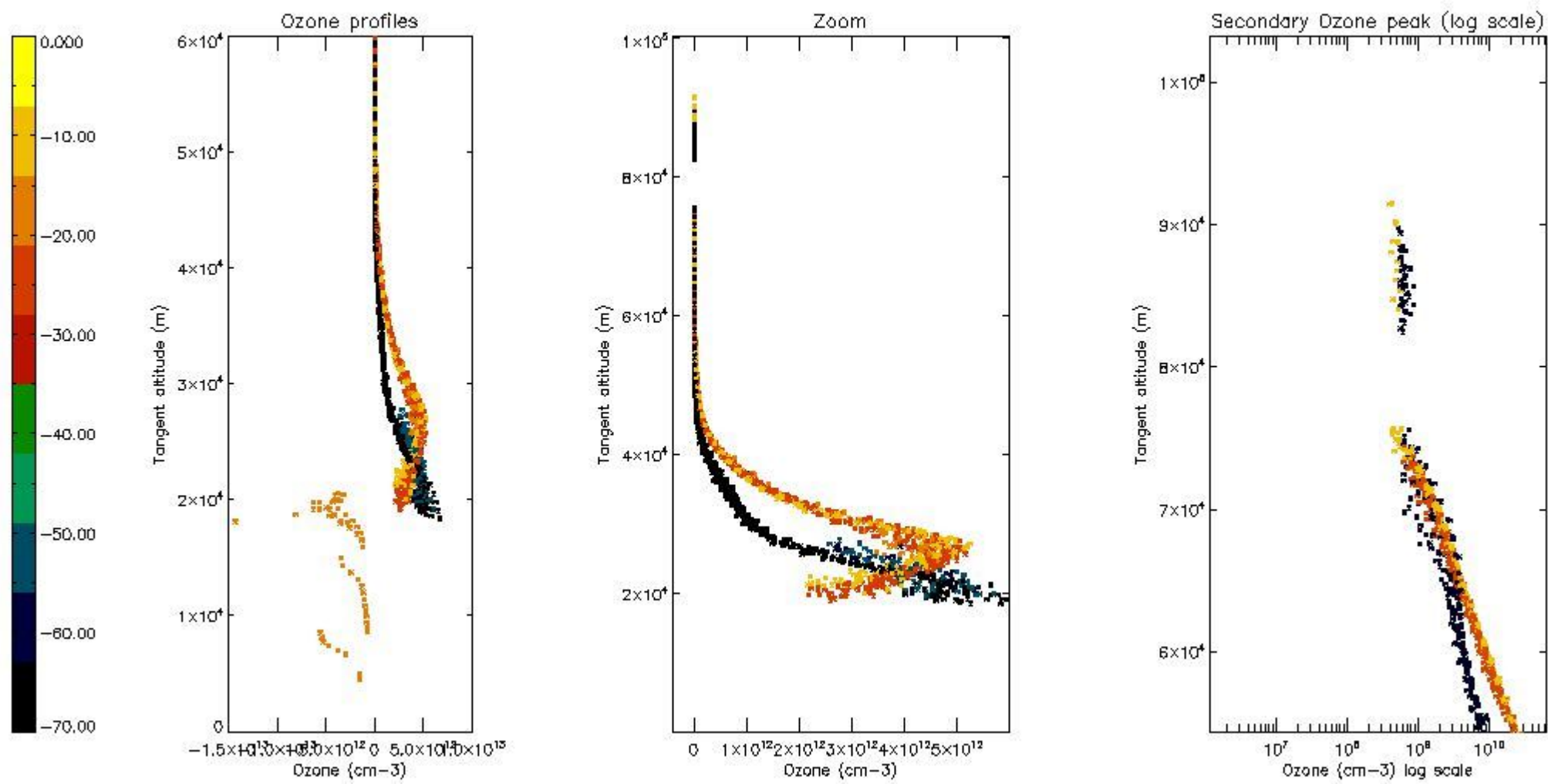
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



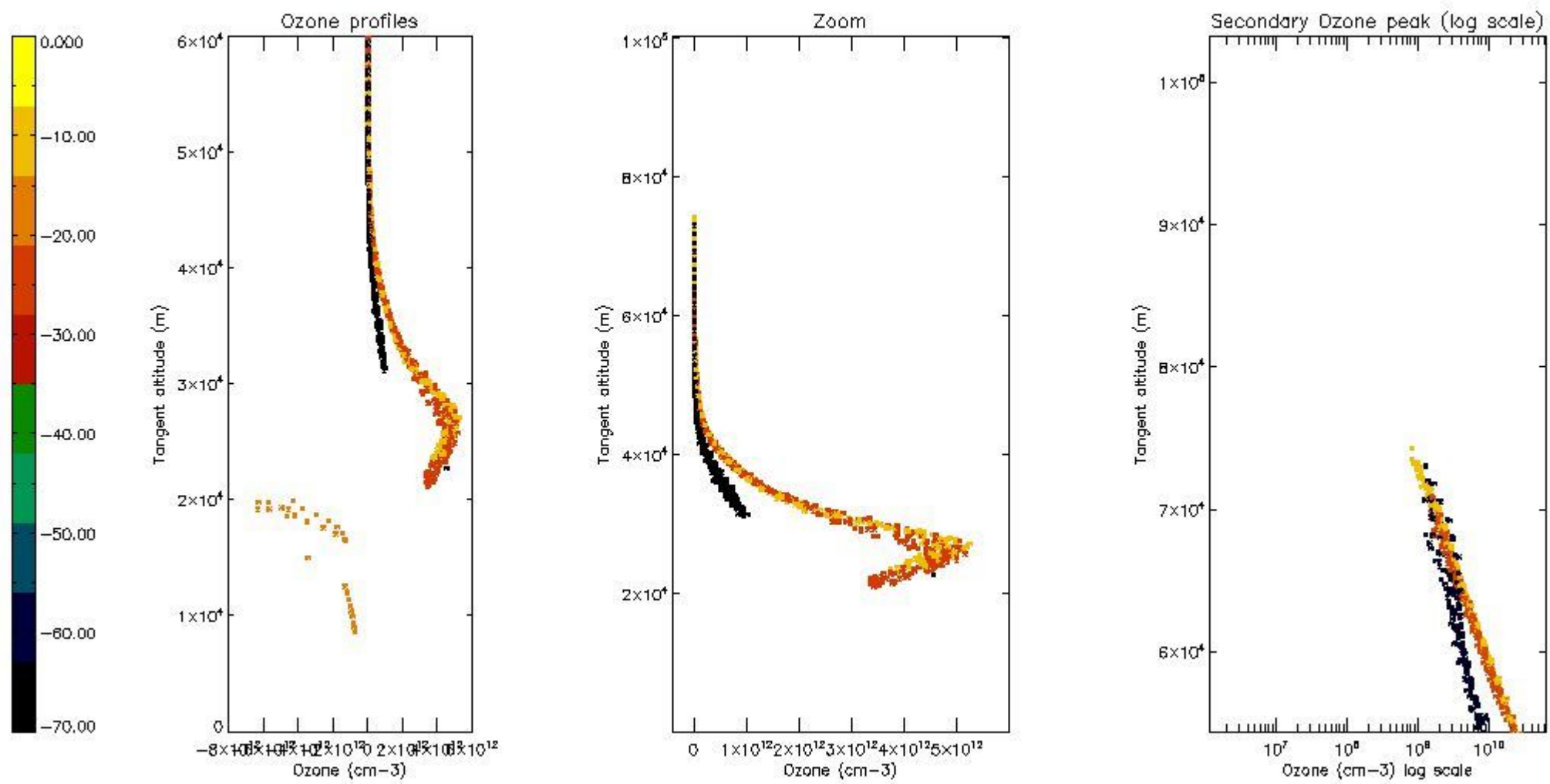
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



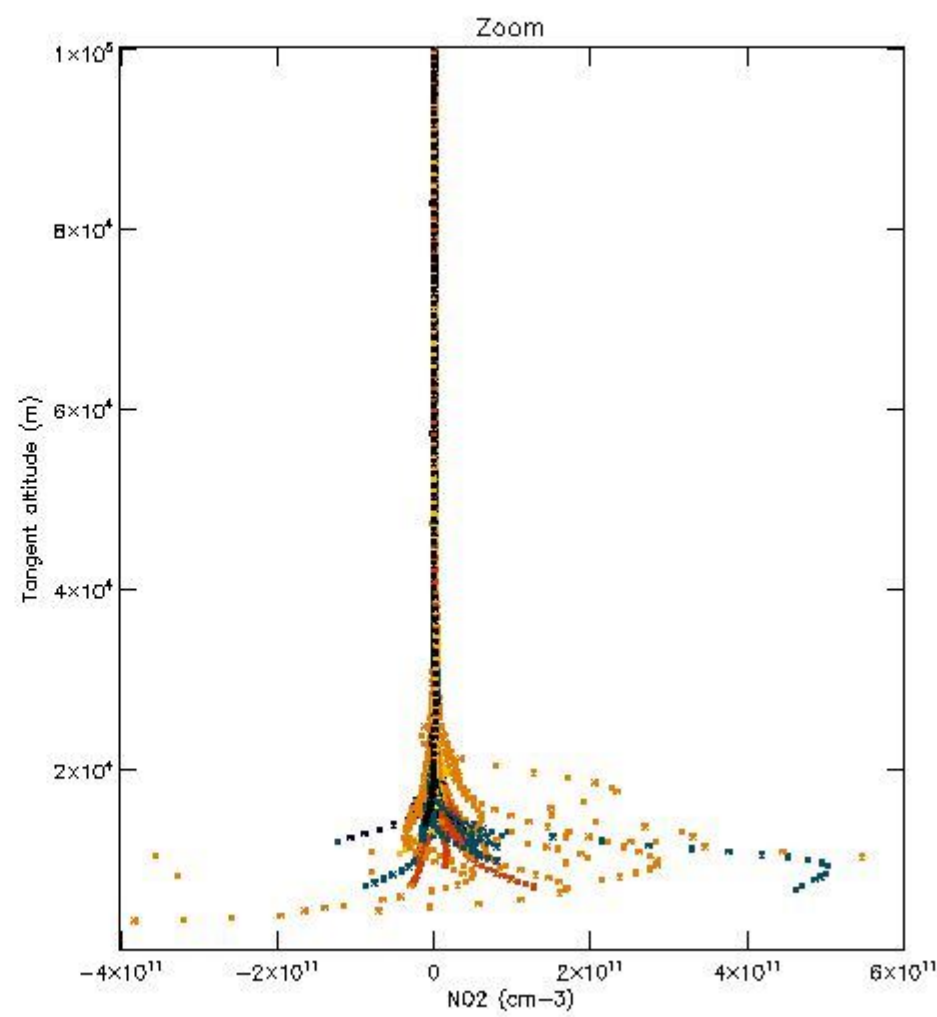
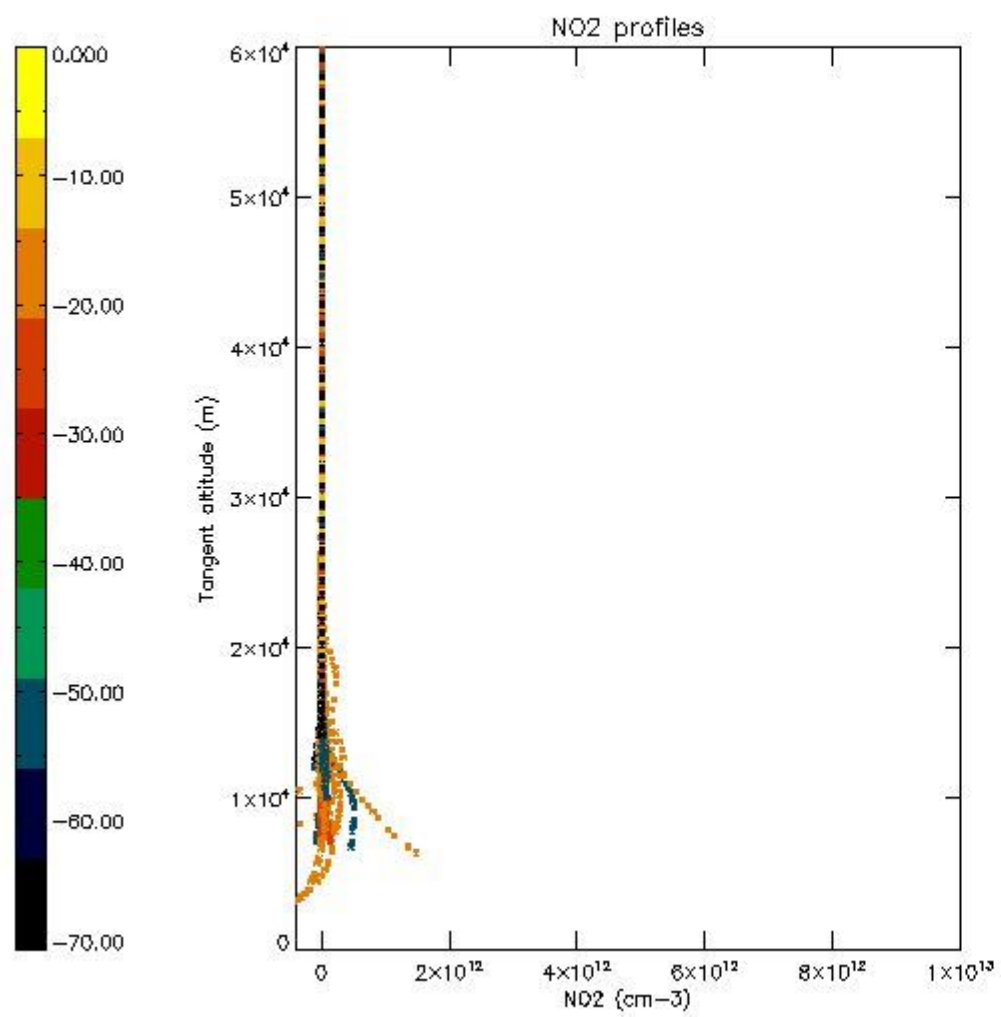
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



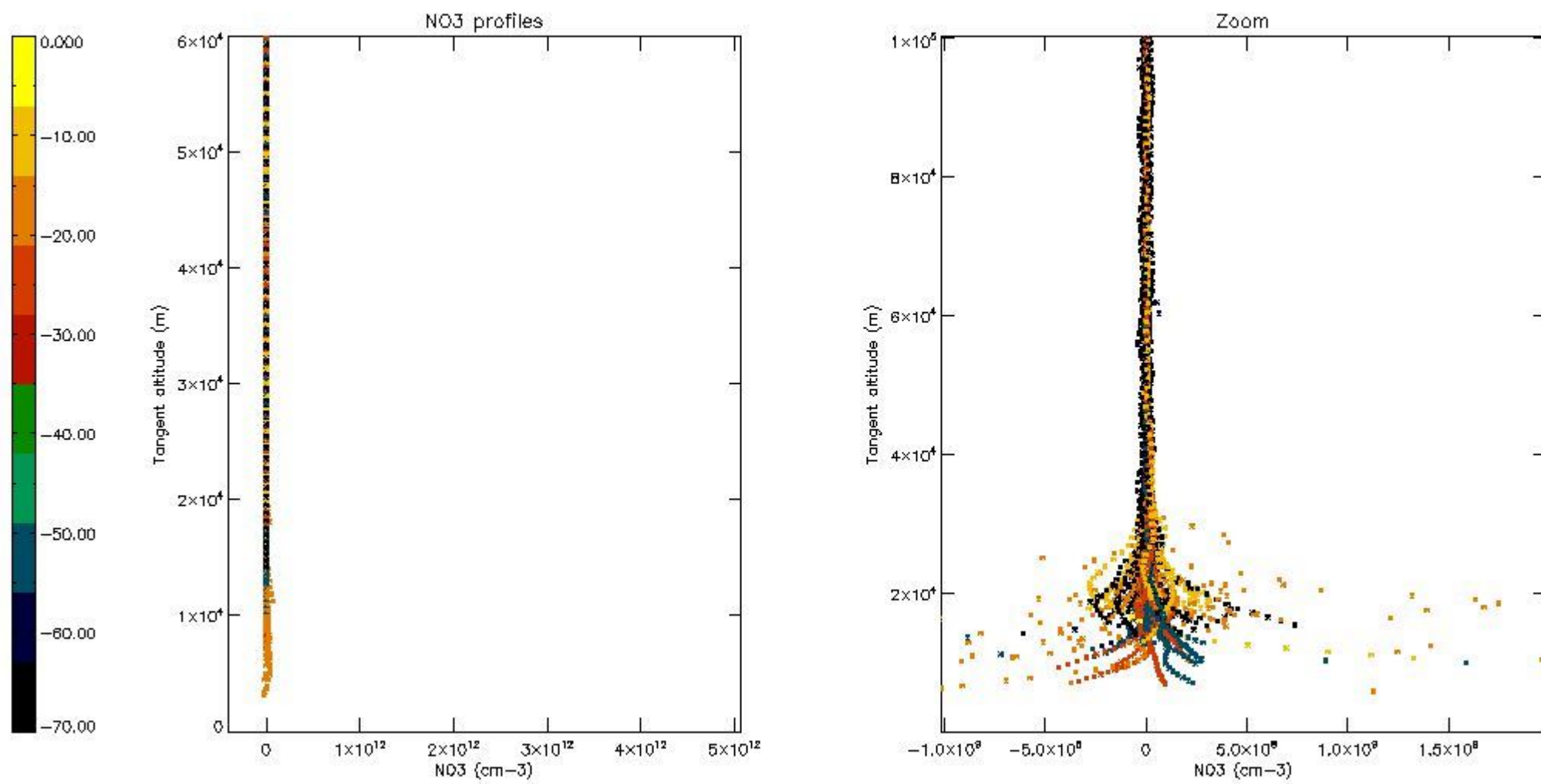
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



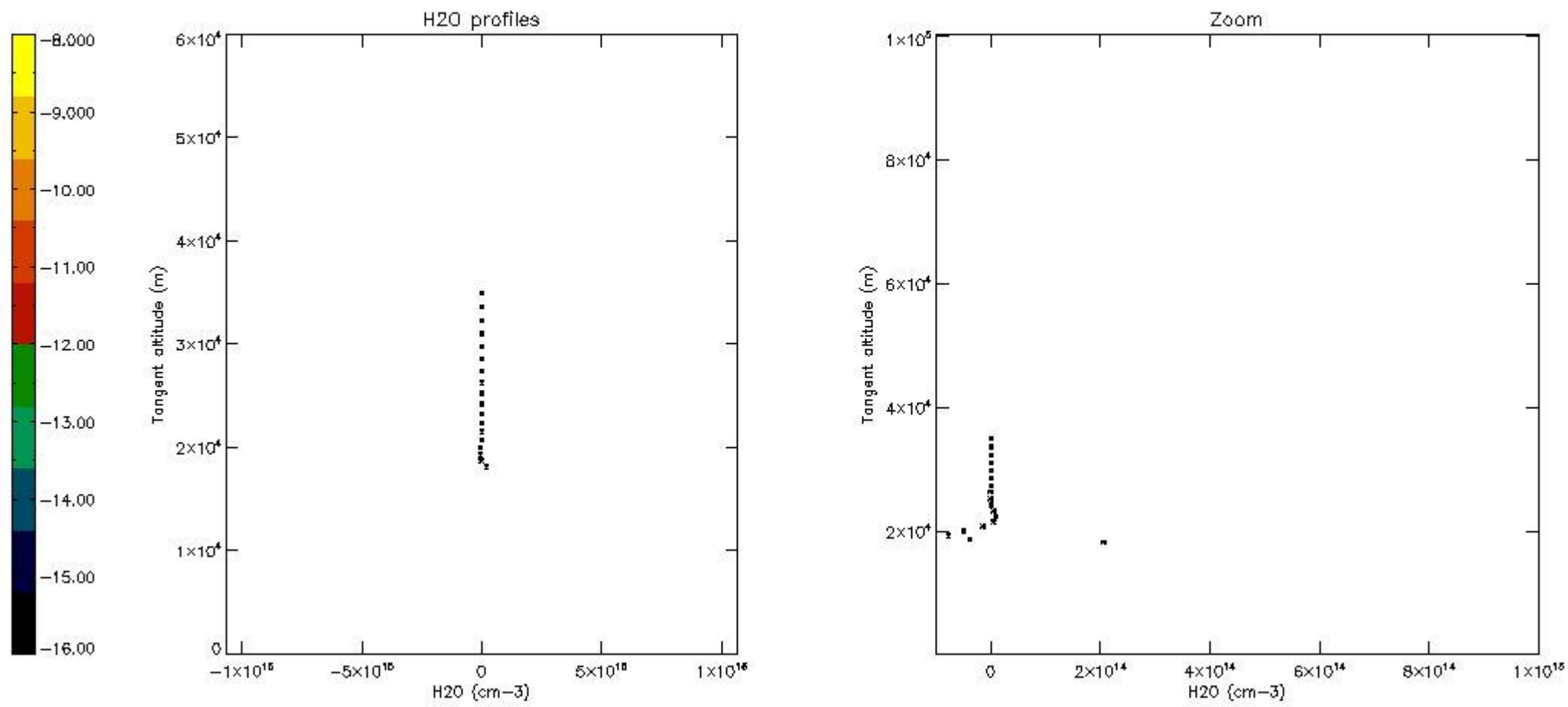
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

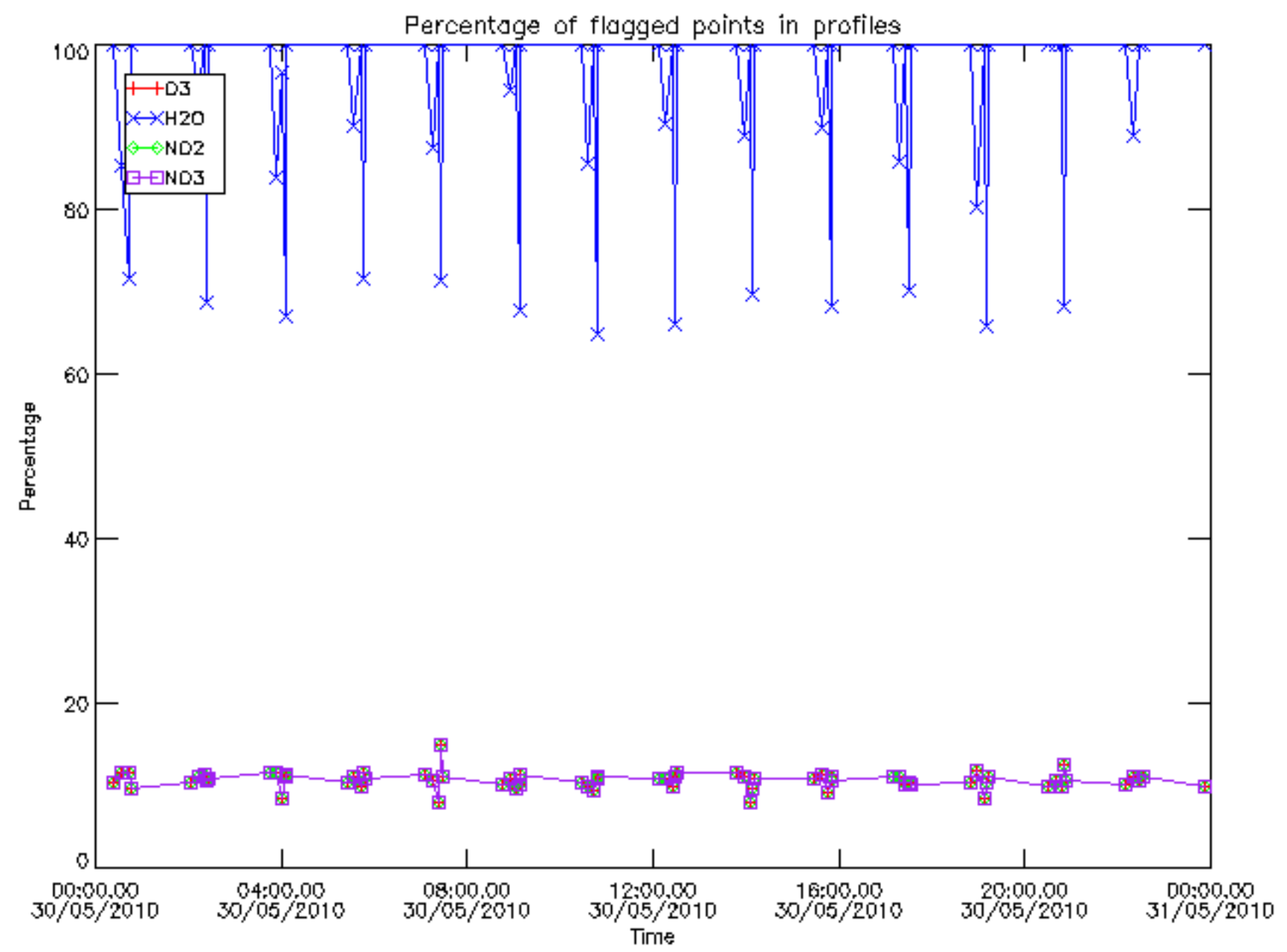
The colorbar represents the latitude.



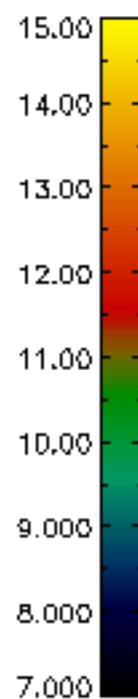
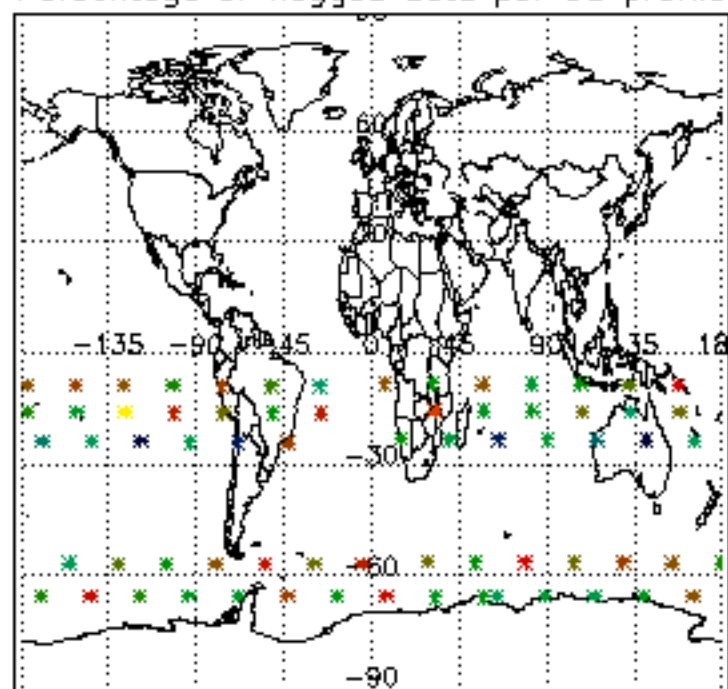
6. Auxiliary Data Files used for the production reported in section 2

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.

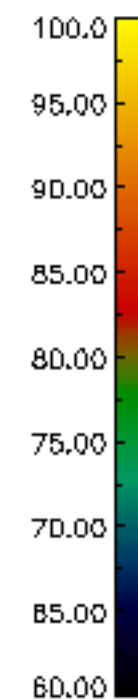
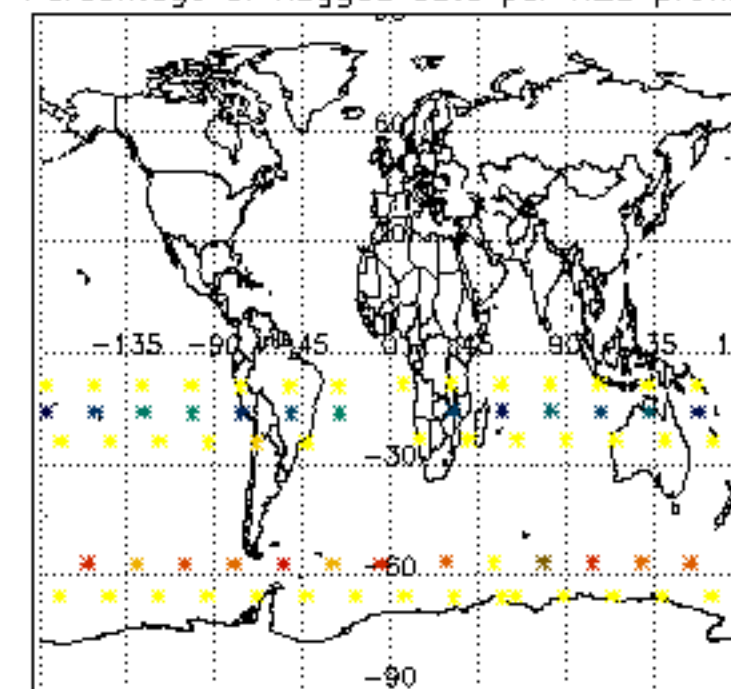
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-MAY-2010 00:03:21
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-MAY-2010 00:03:21
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-MAY-2010 00:03:21



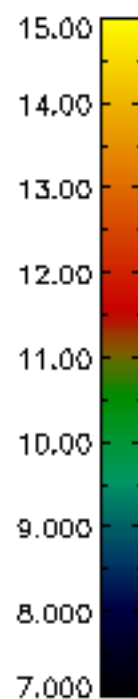
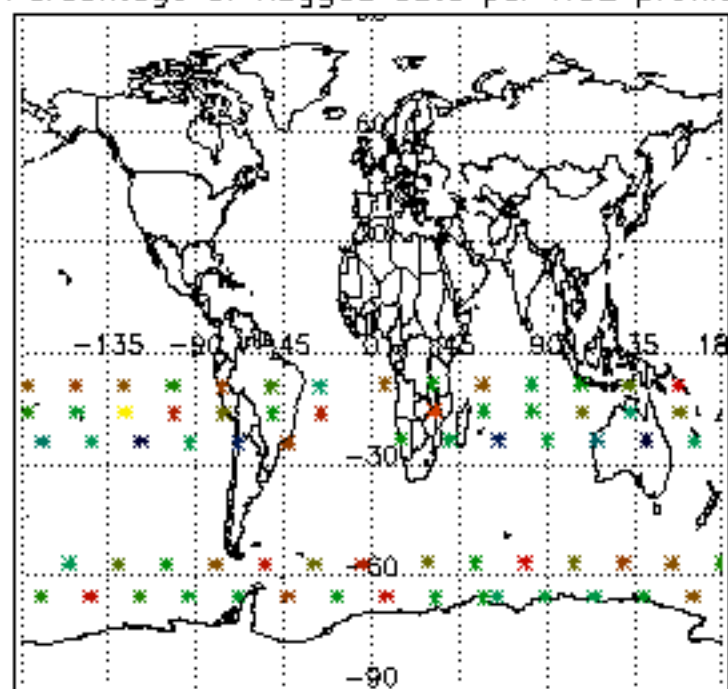
Percentage of flagged data per D3 profile



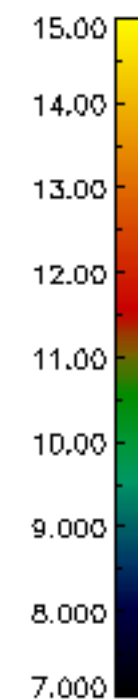
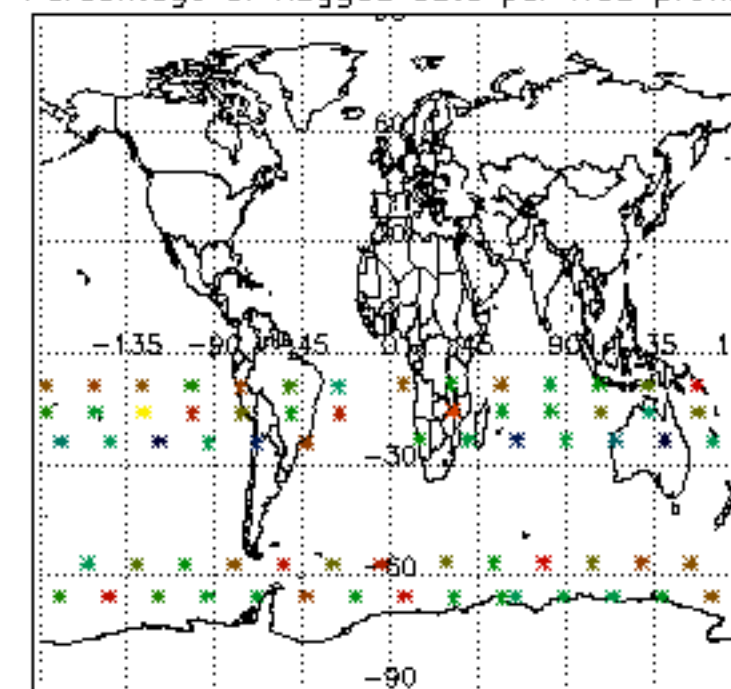
Percentage of flagged data per H2O profile

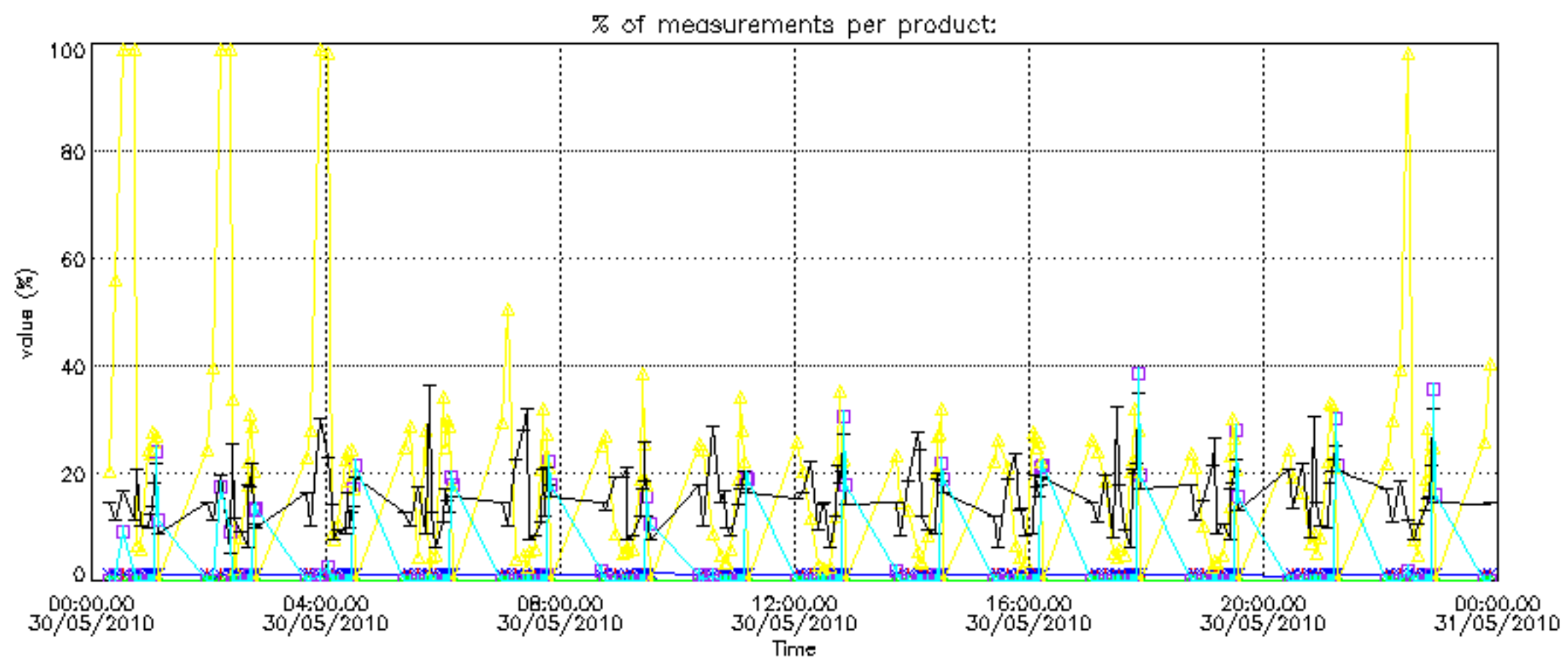
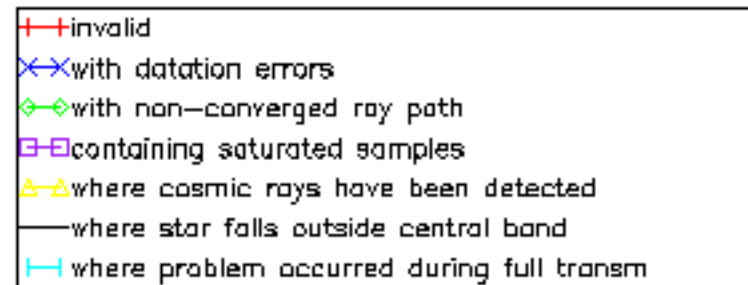


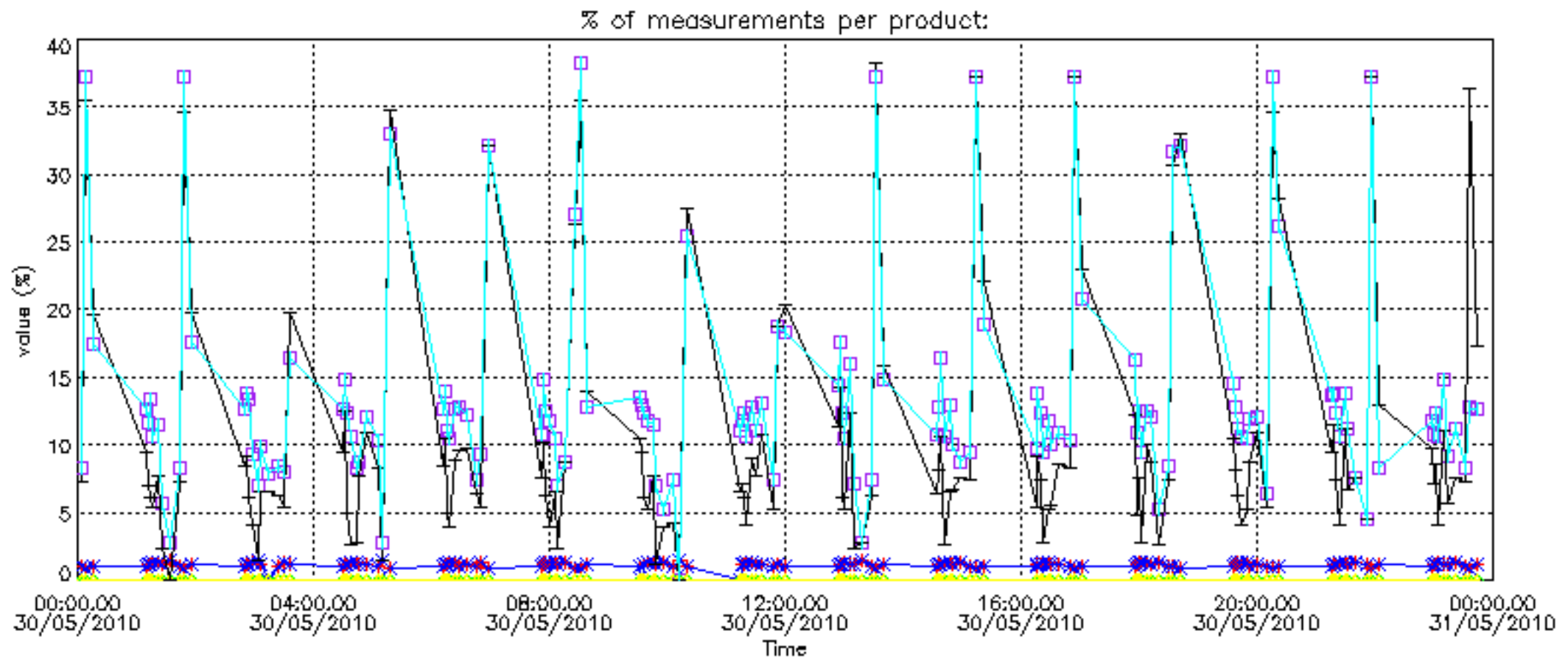
Percentage of flagged data per NO2 profile



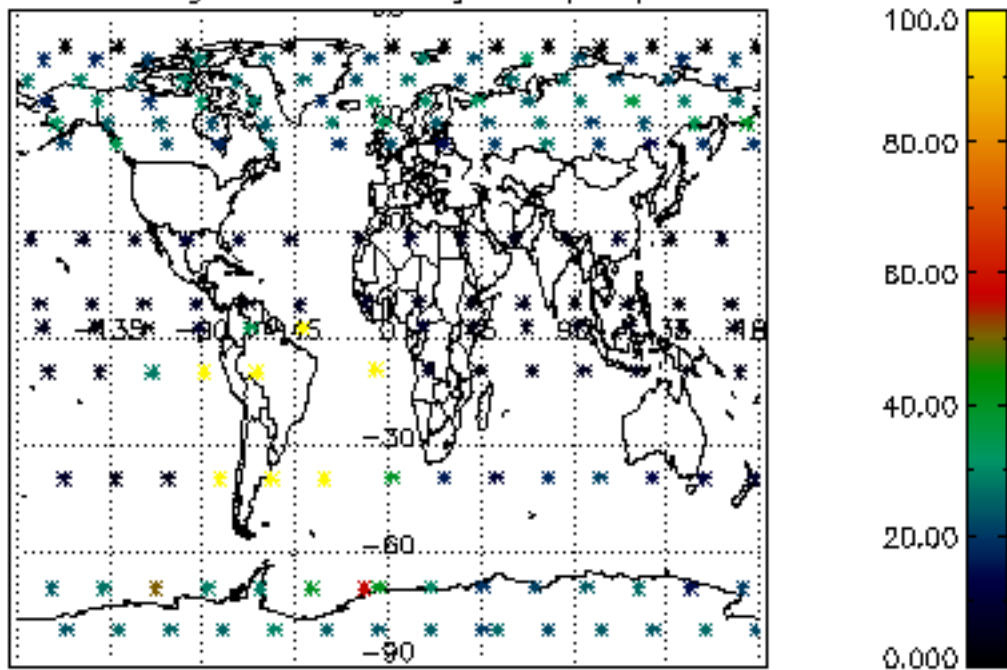
Percentage of flagged data per NO3 profile



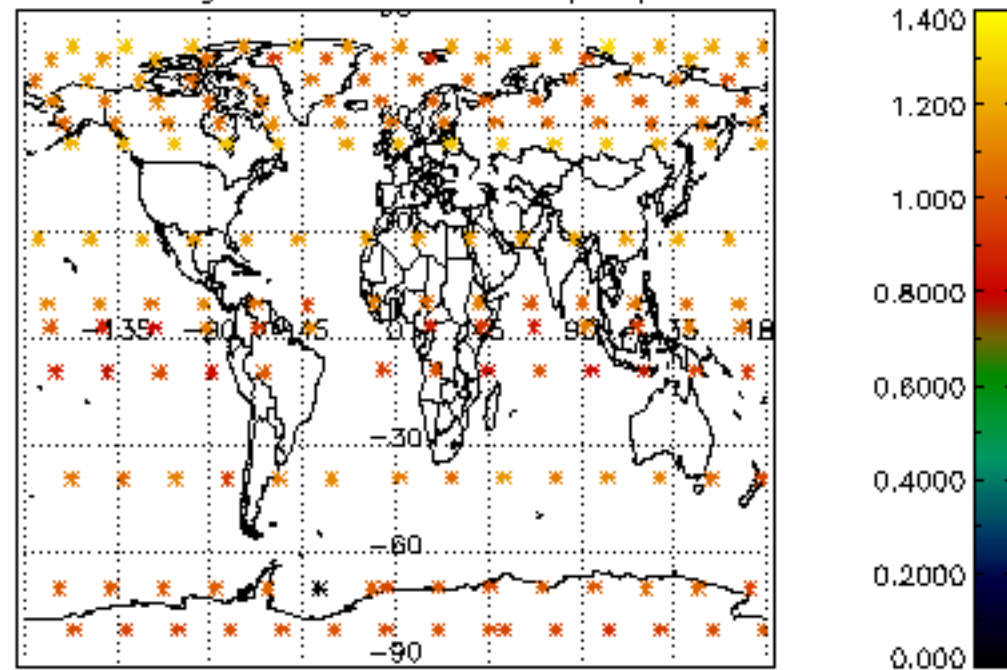




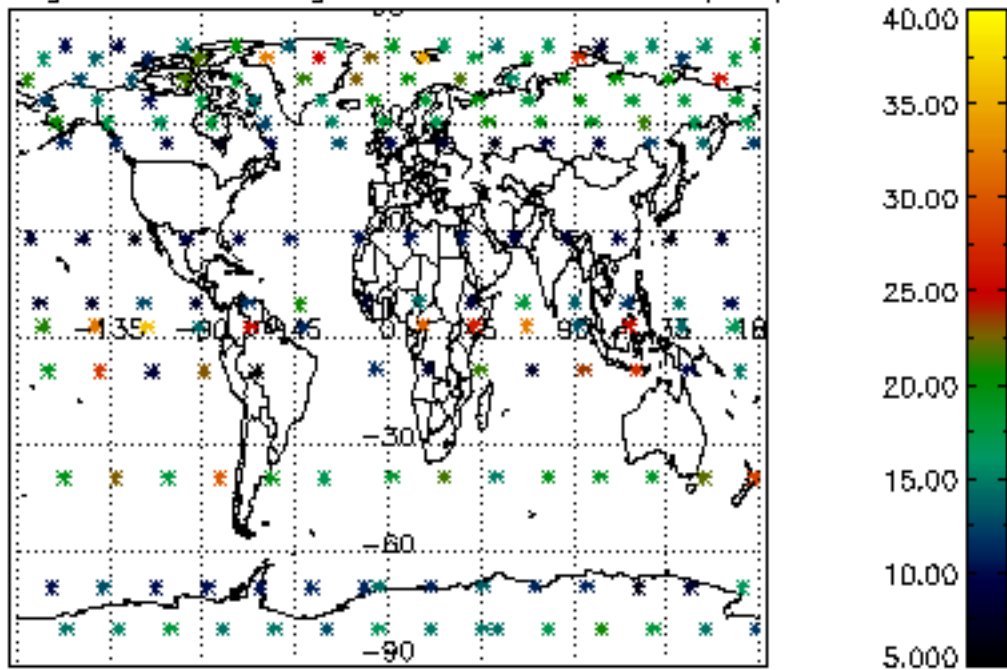
Percentage of cosmic ray hits per profile



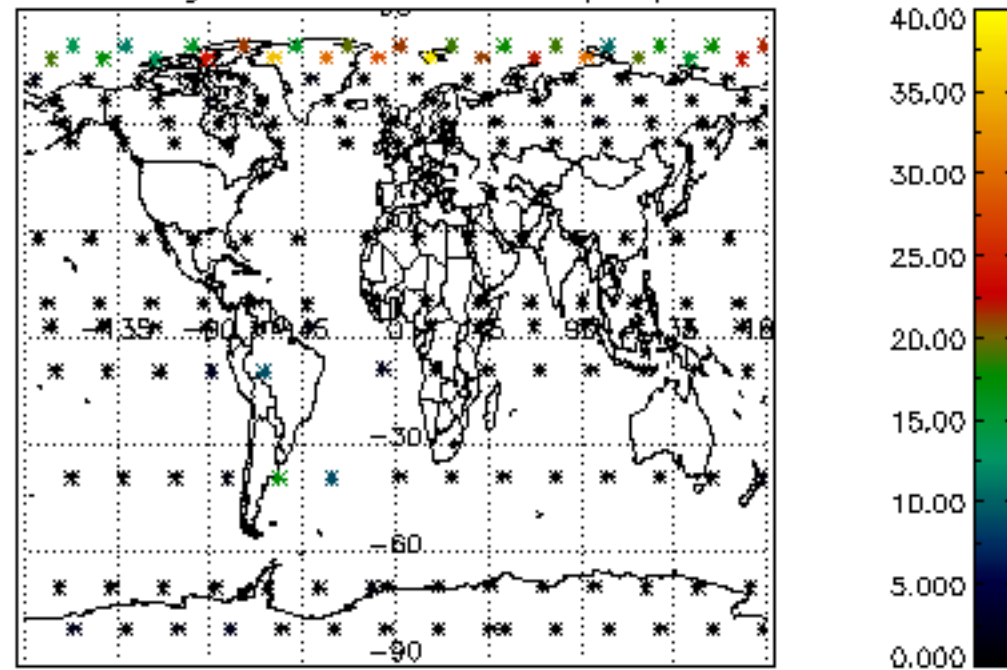
Percentage of datation errors per profile



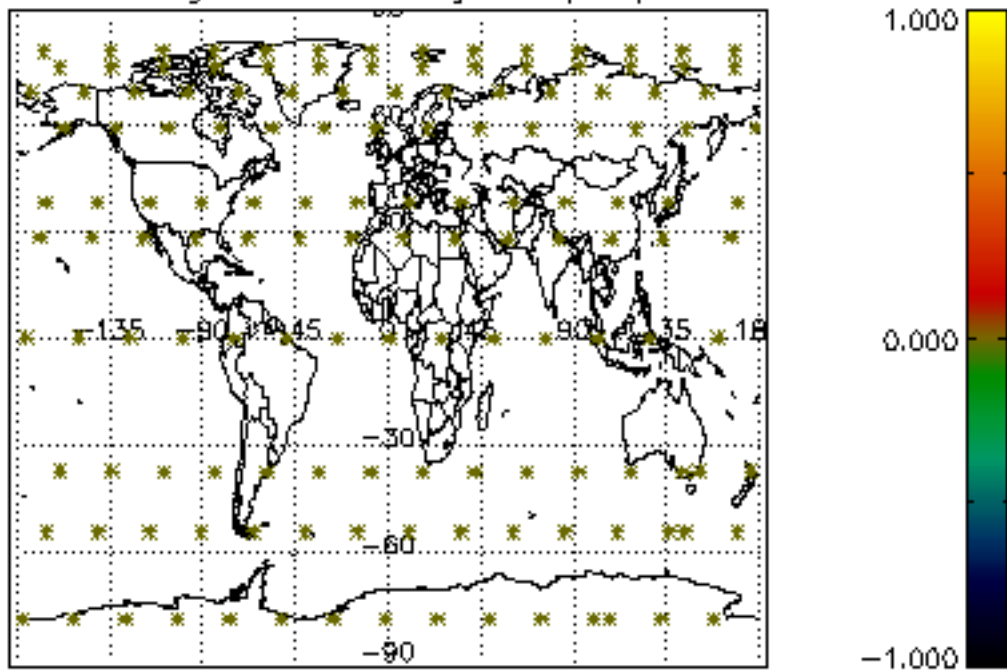
Percentage of star falling outside central band per profile



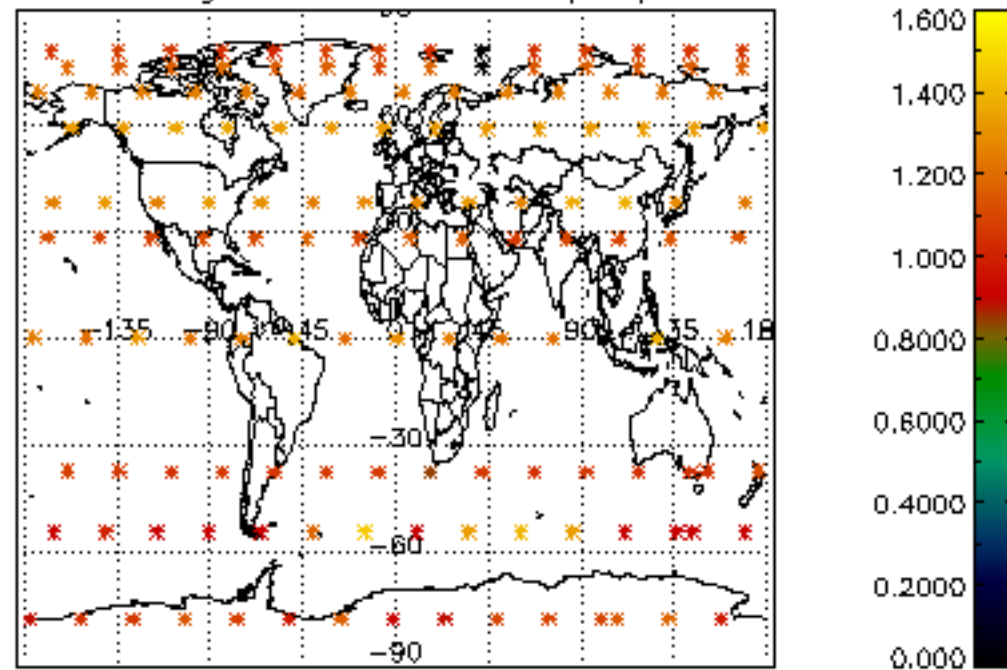
Percentage of saturation errors per profile



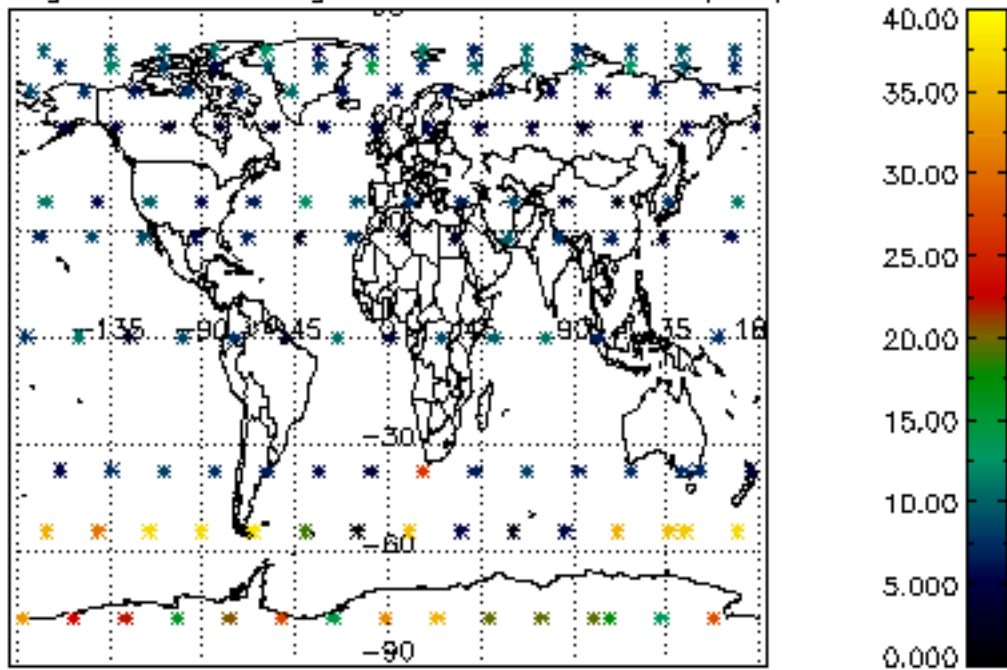
Percentage of cosmic ray hits per profile



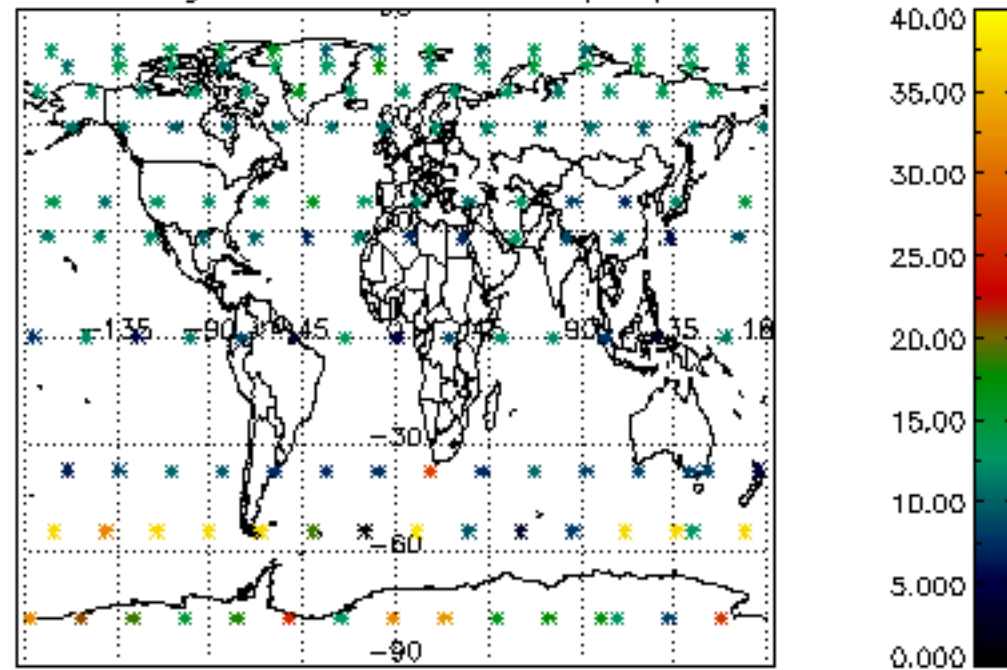
Percentage of datation errors per profile

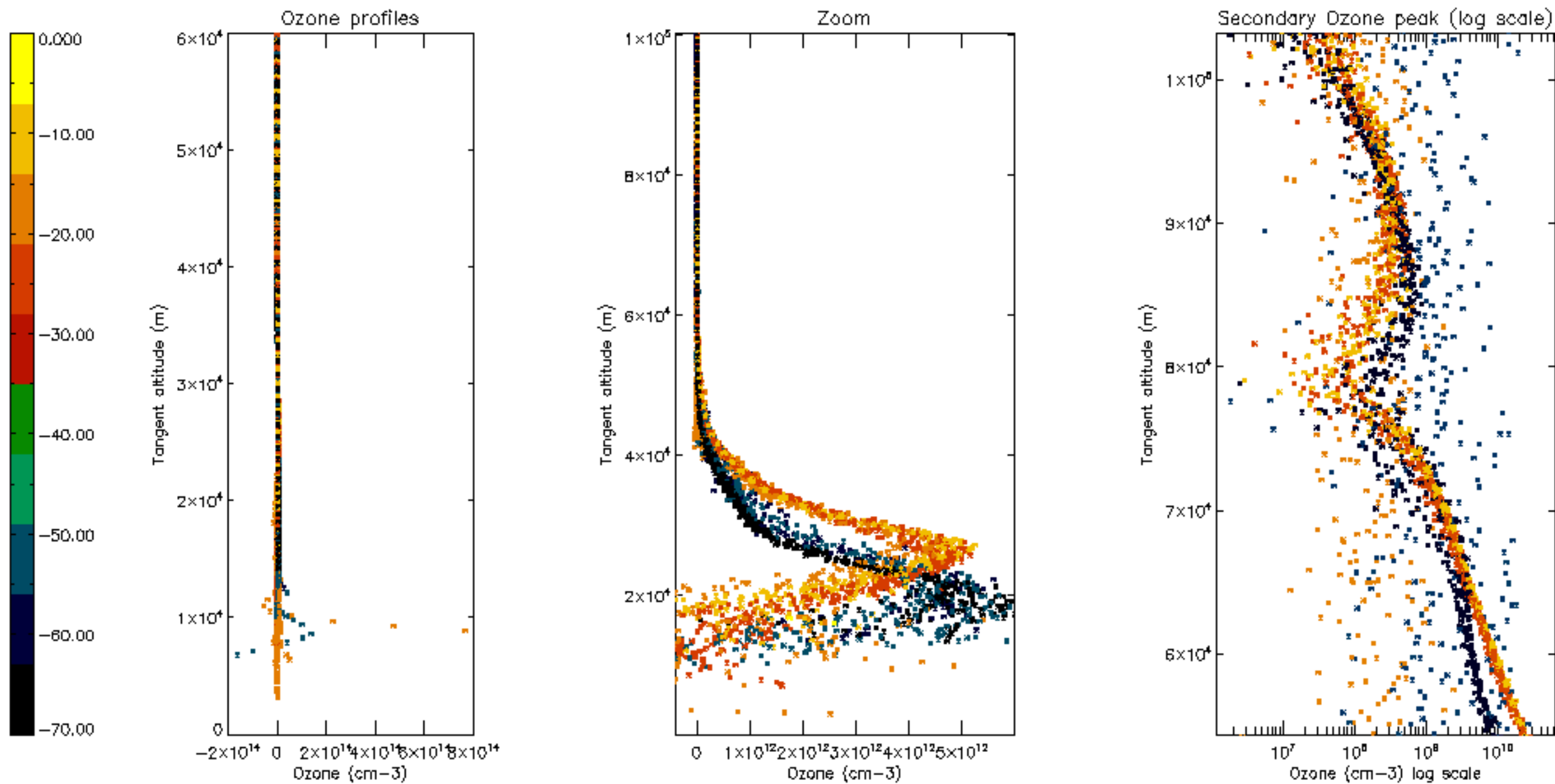


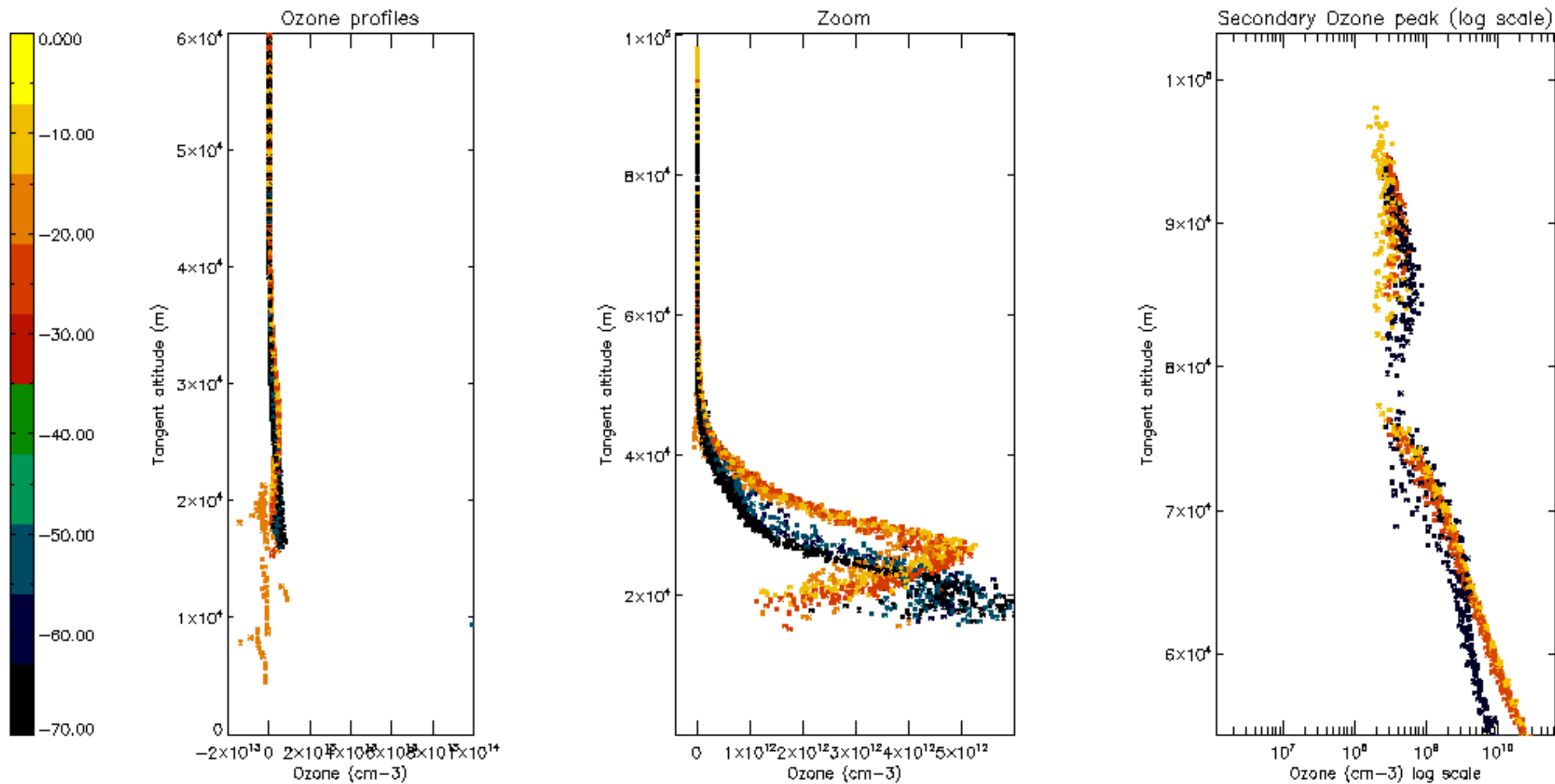
Percentage of star falling outside central band per profile

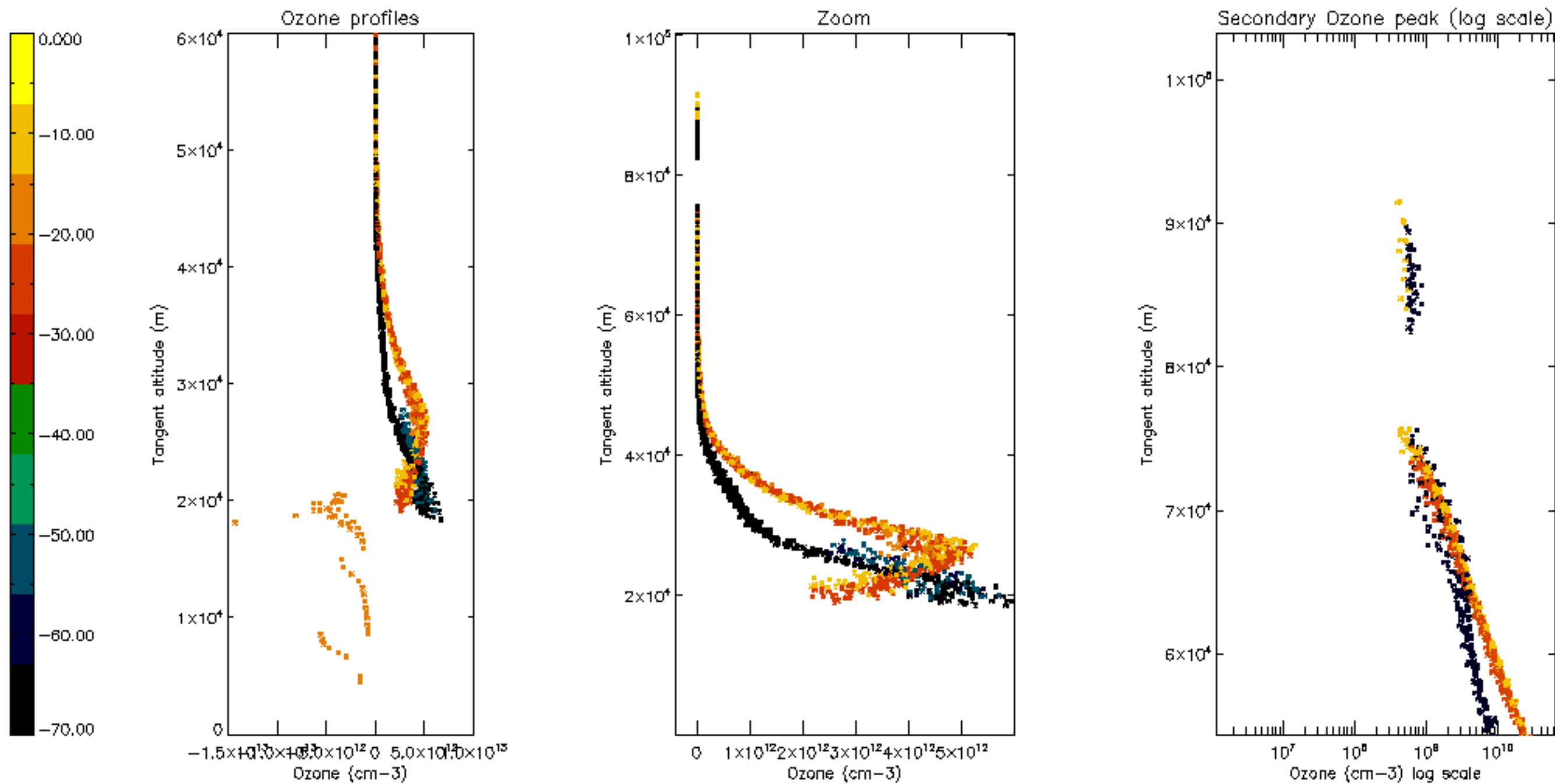


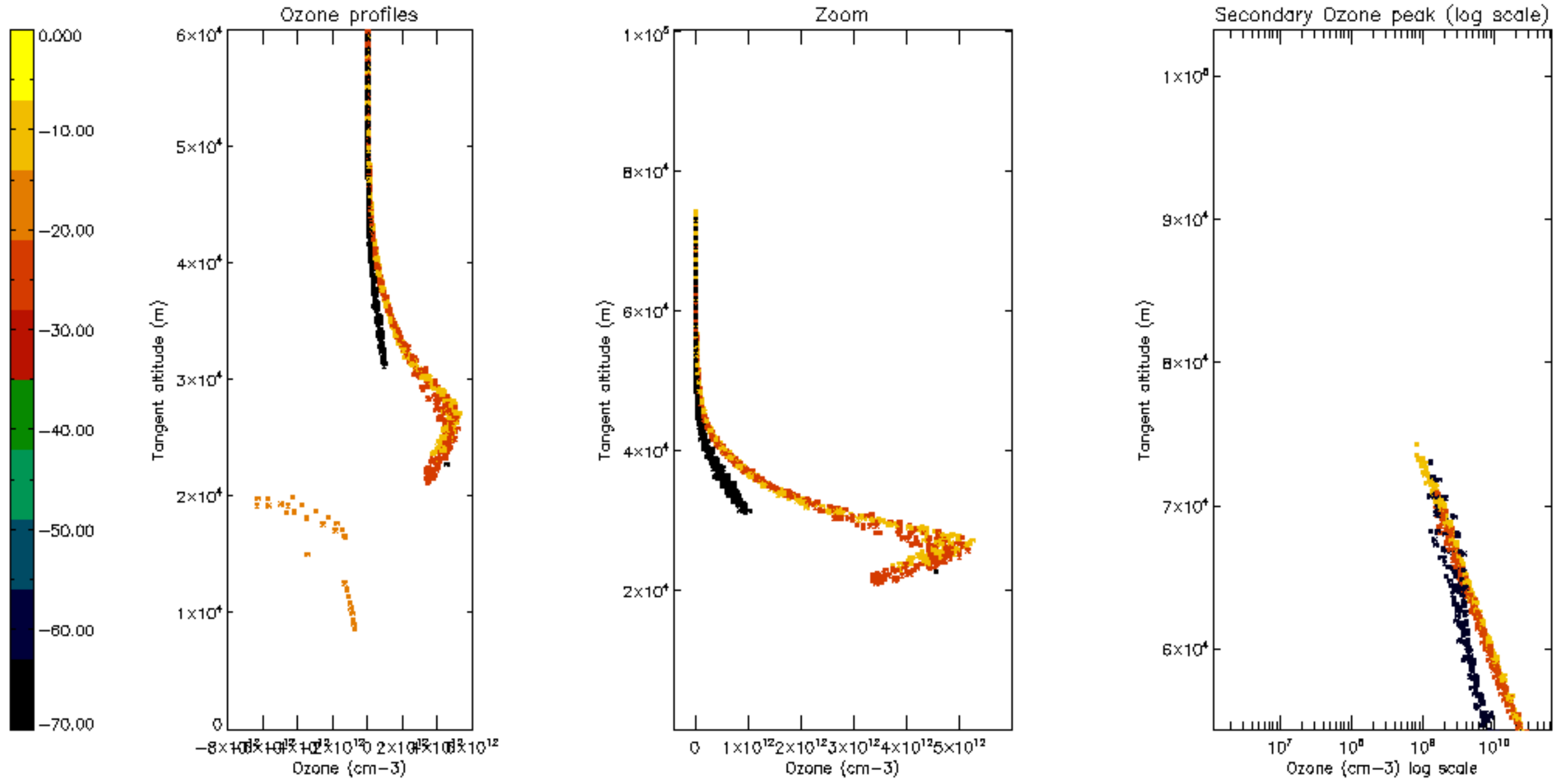
Percentage of saturation errors per profile

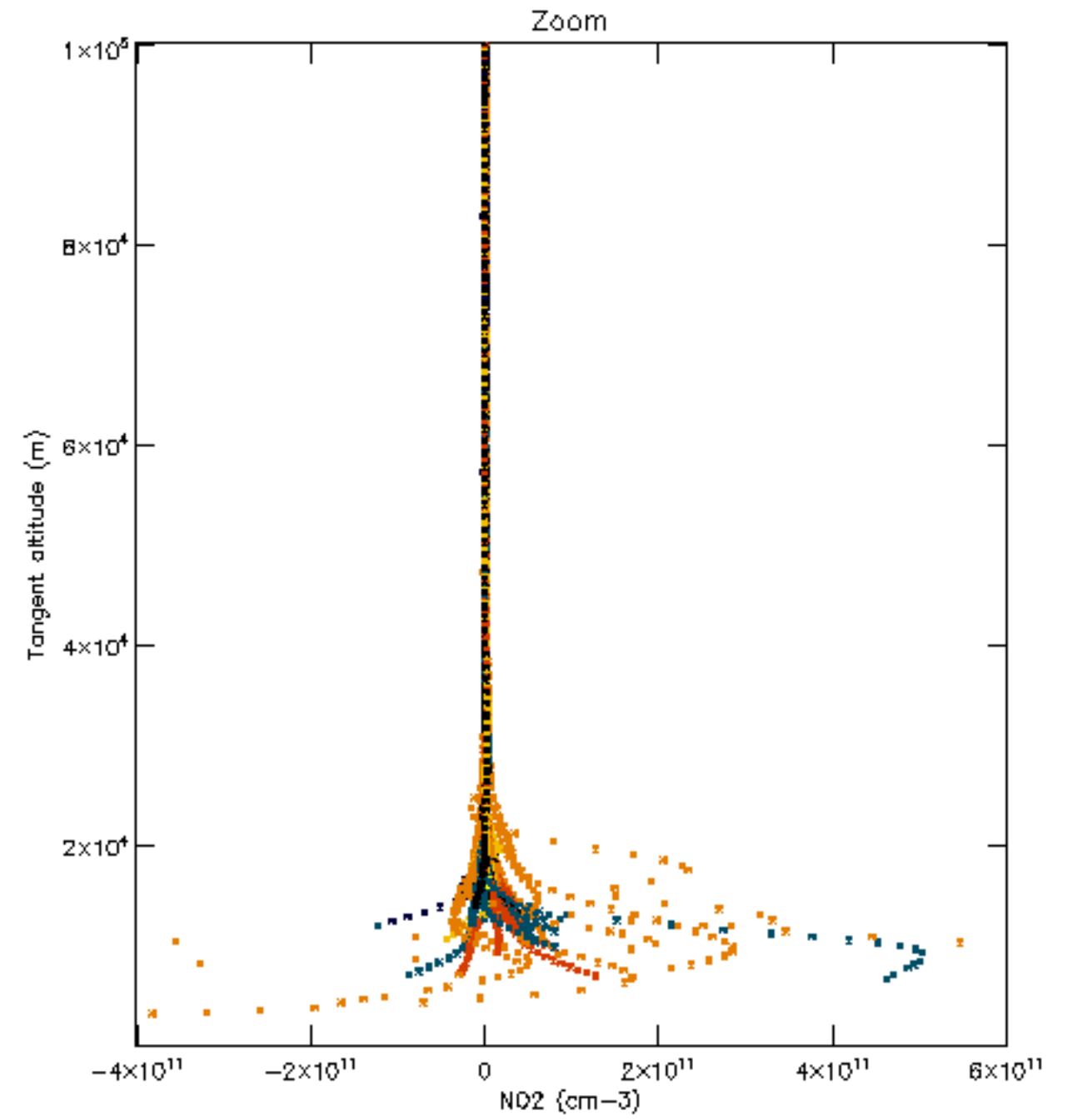
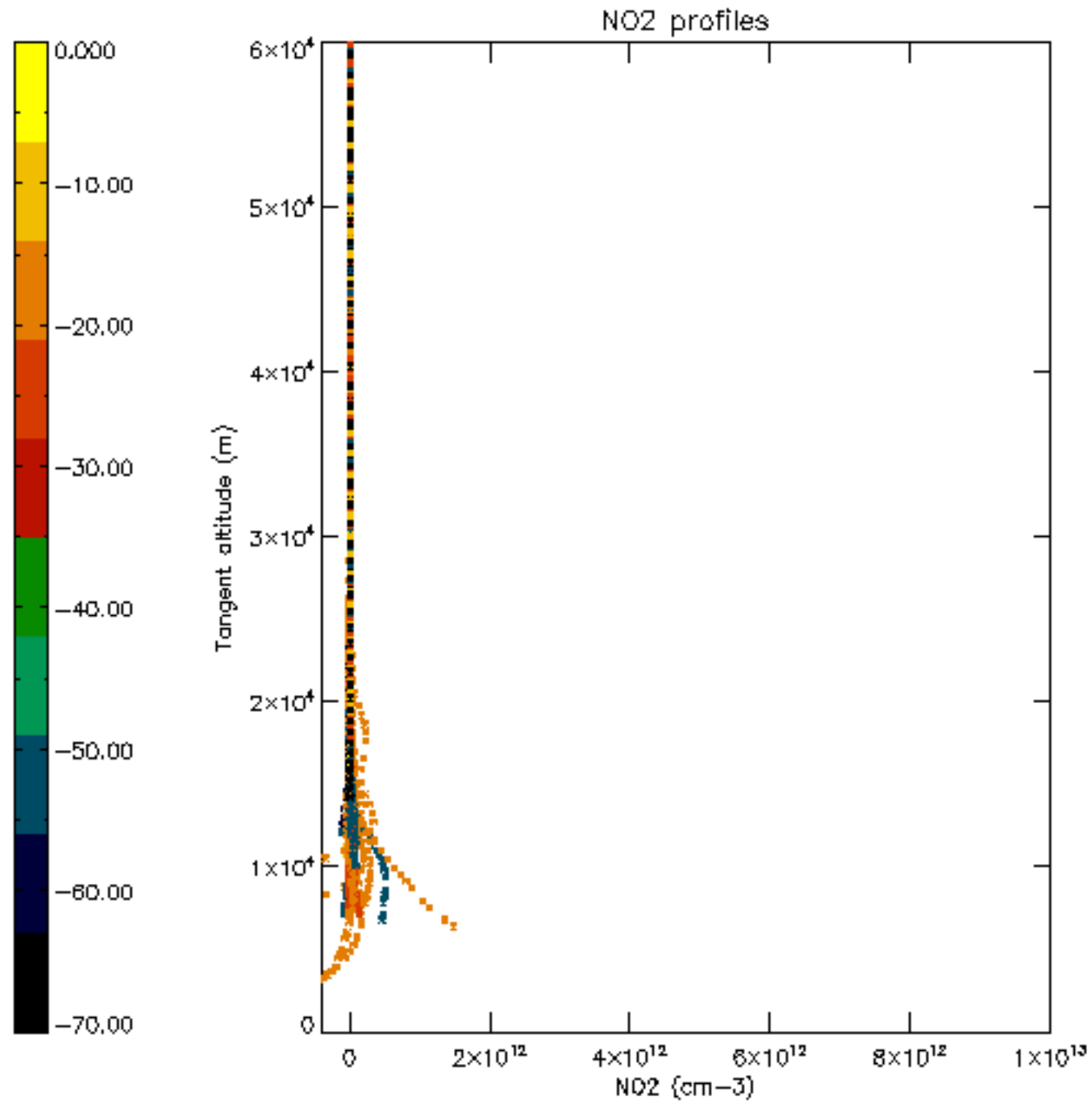


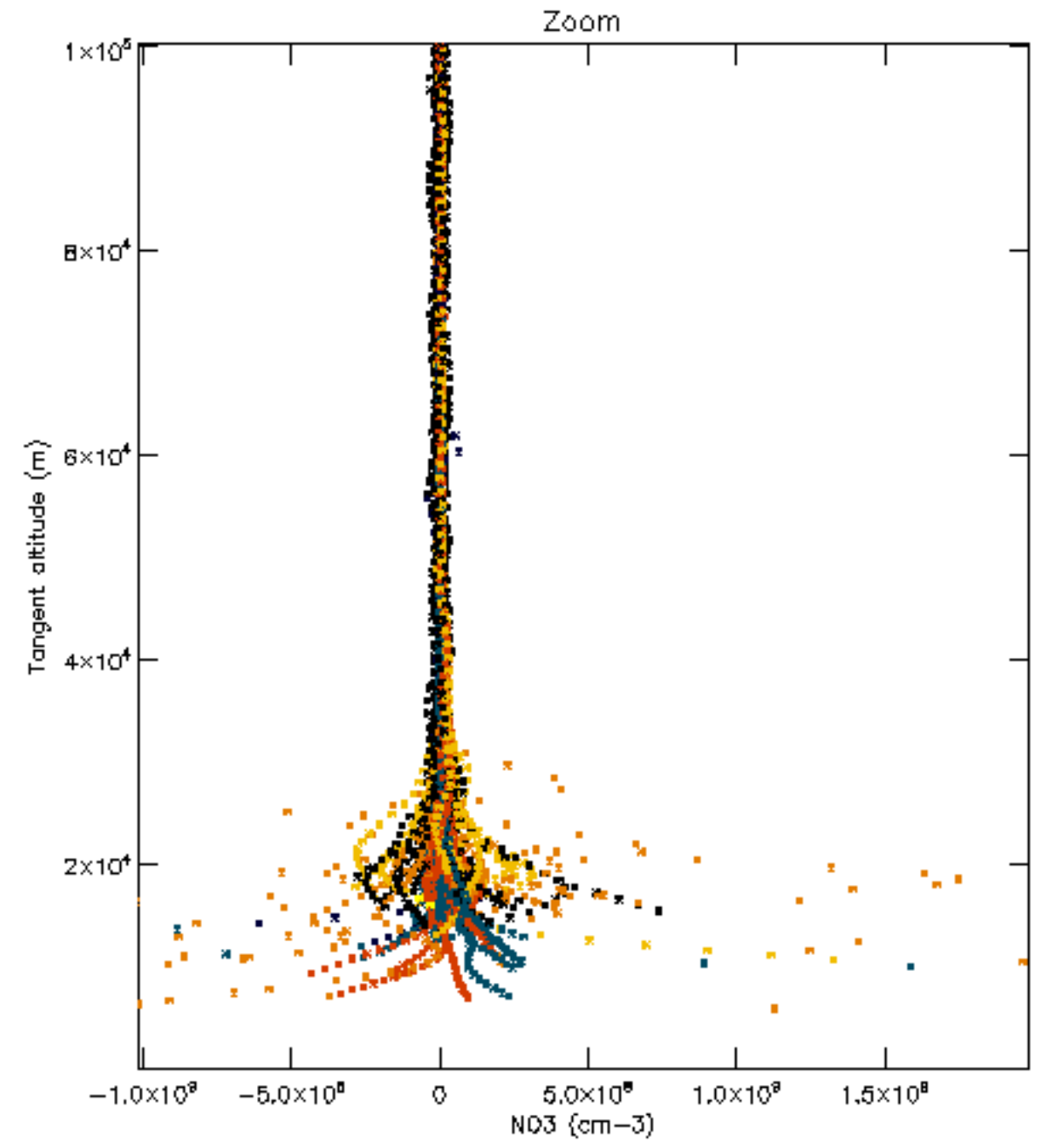
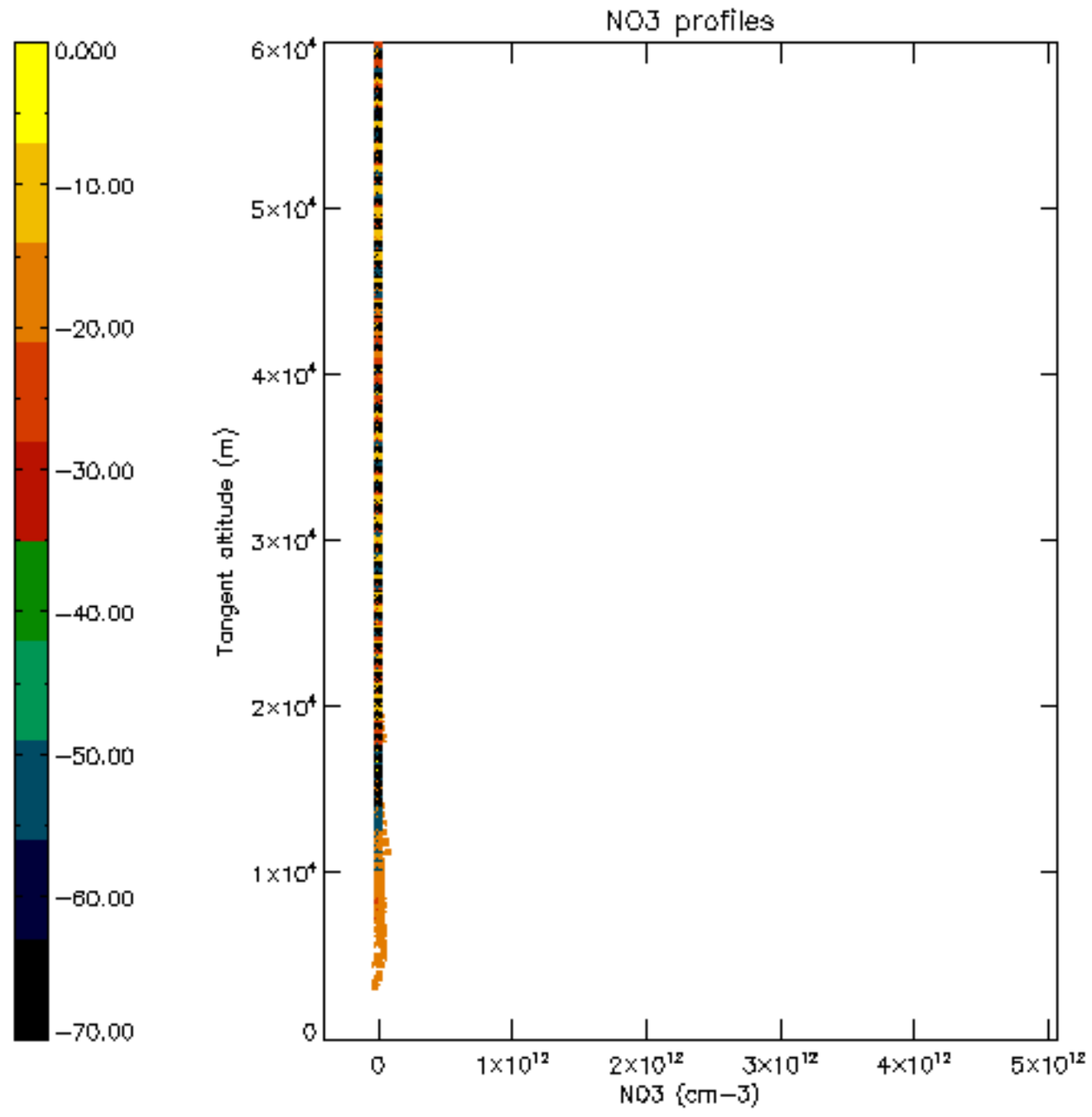


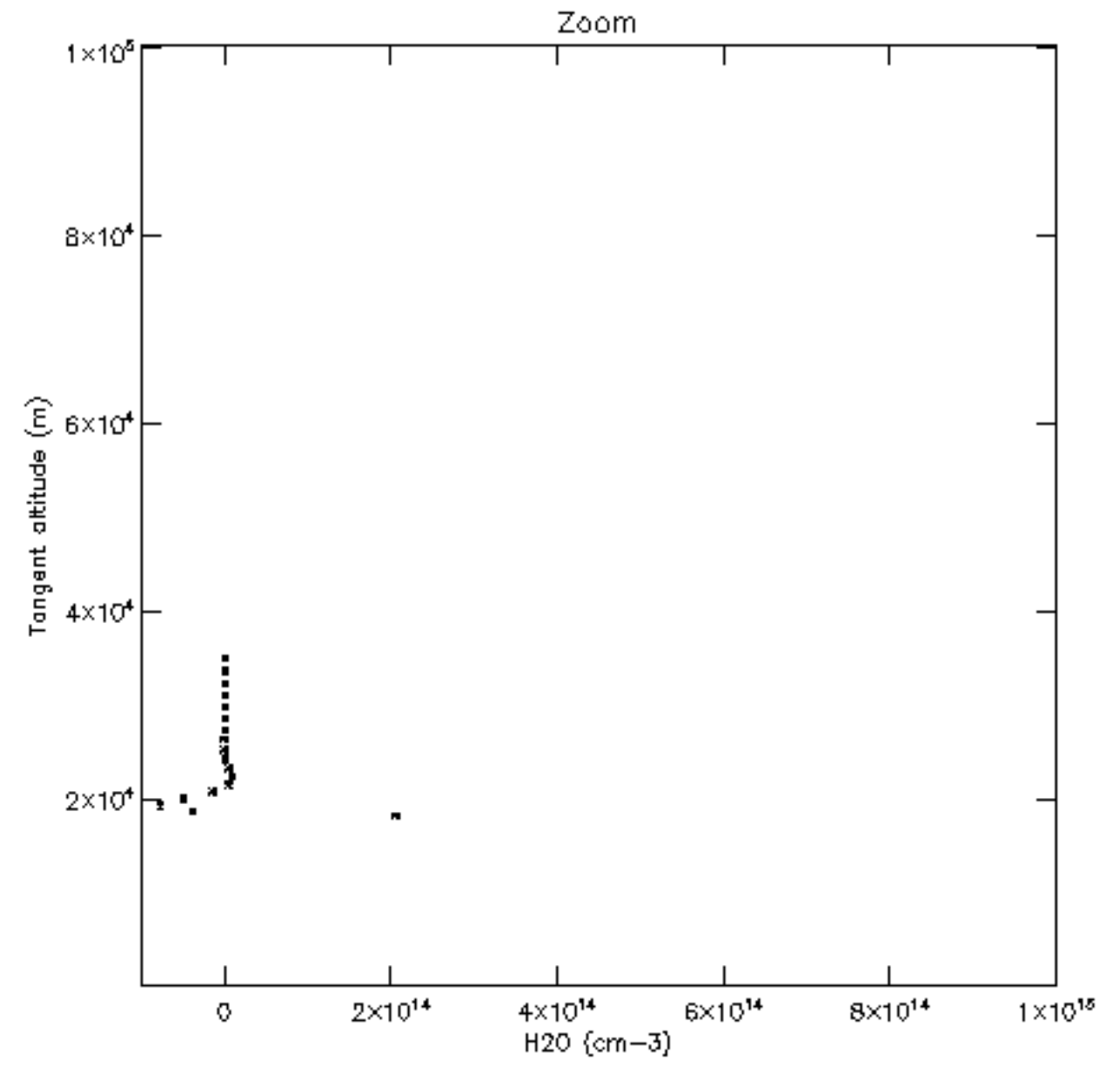
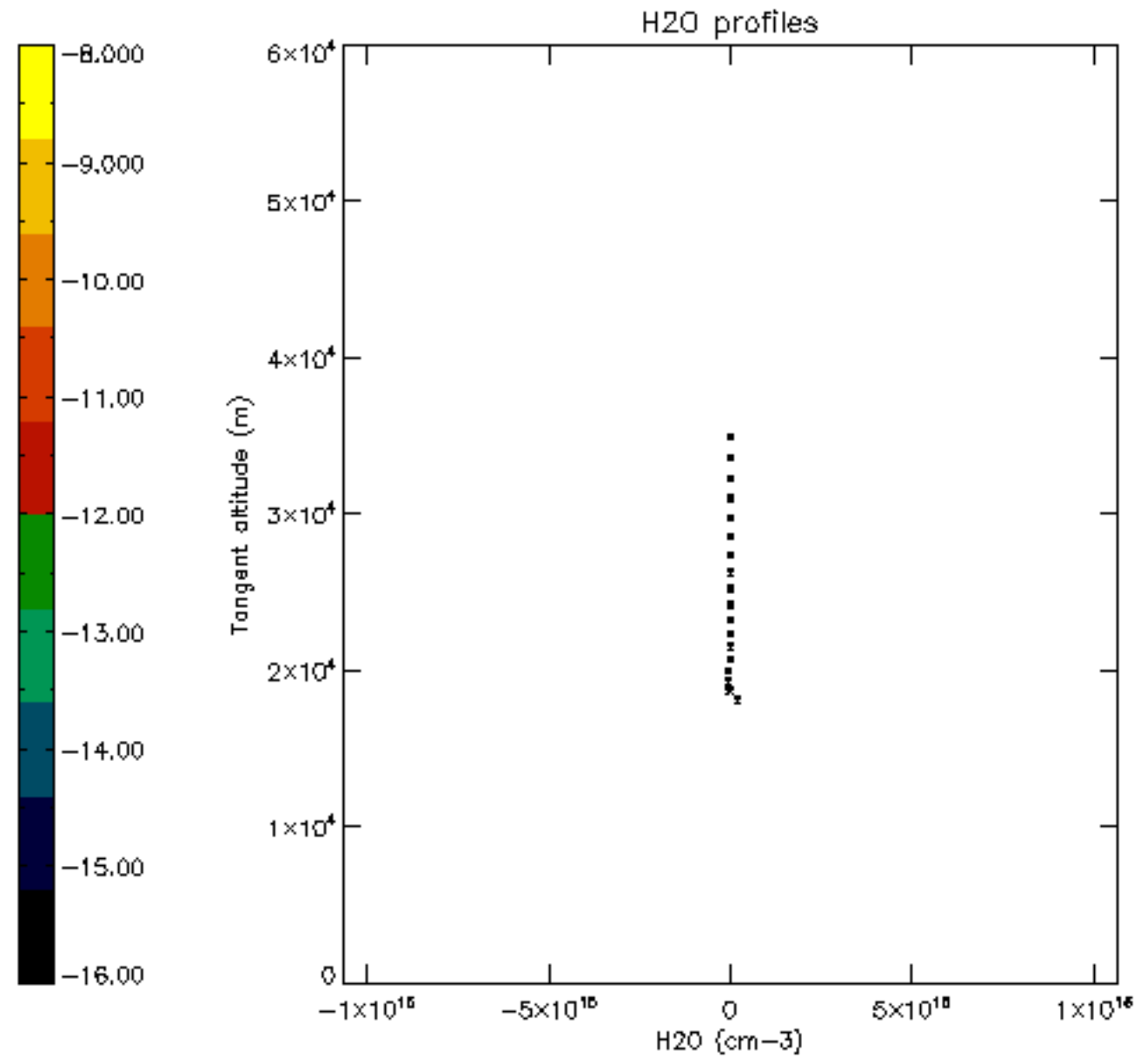


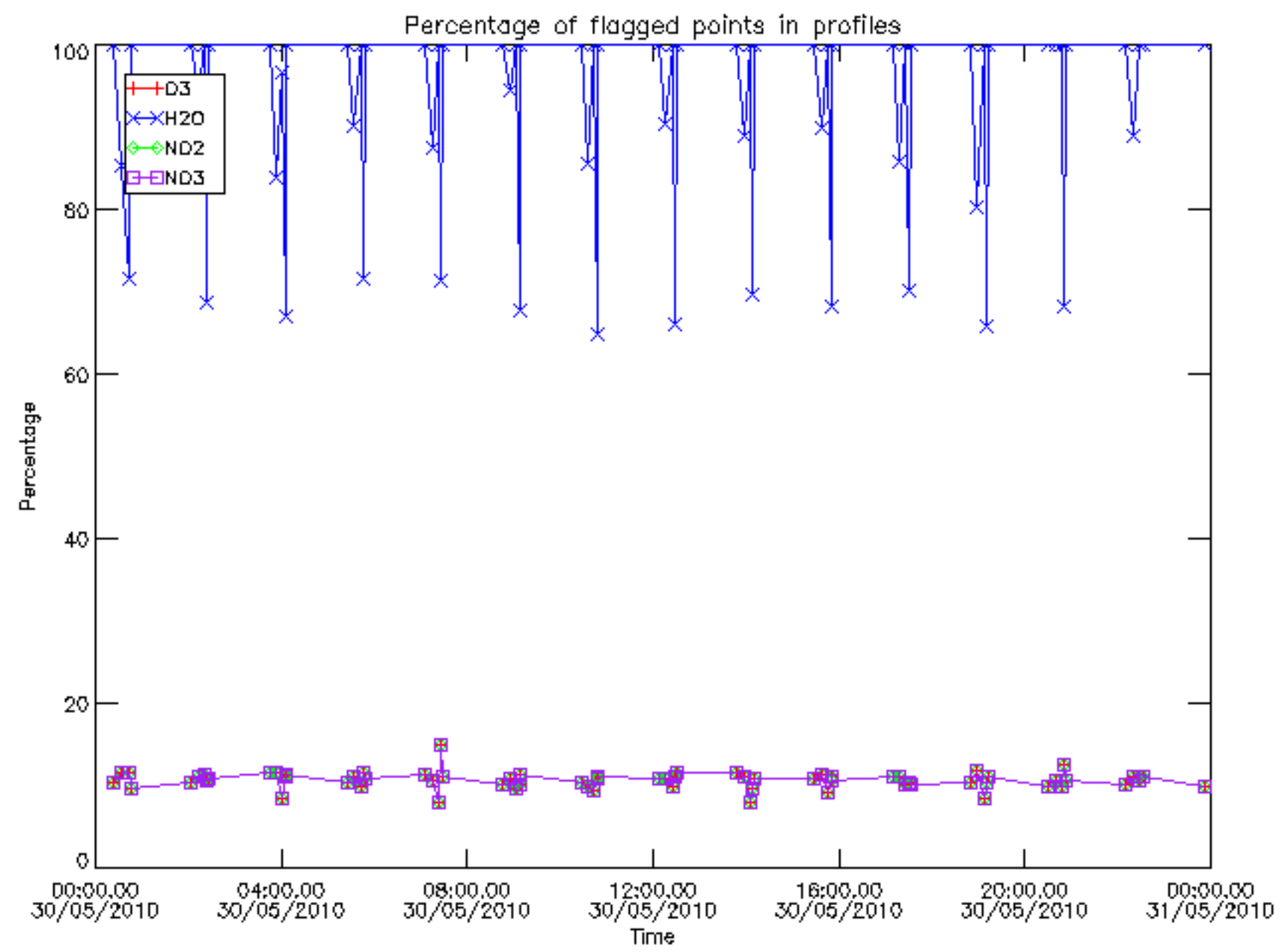




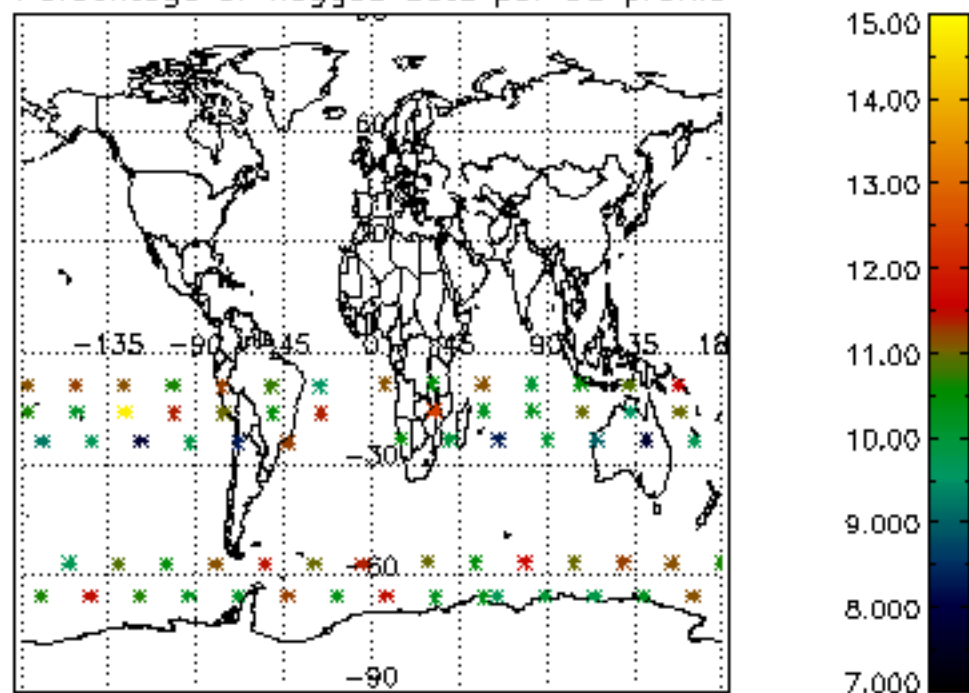




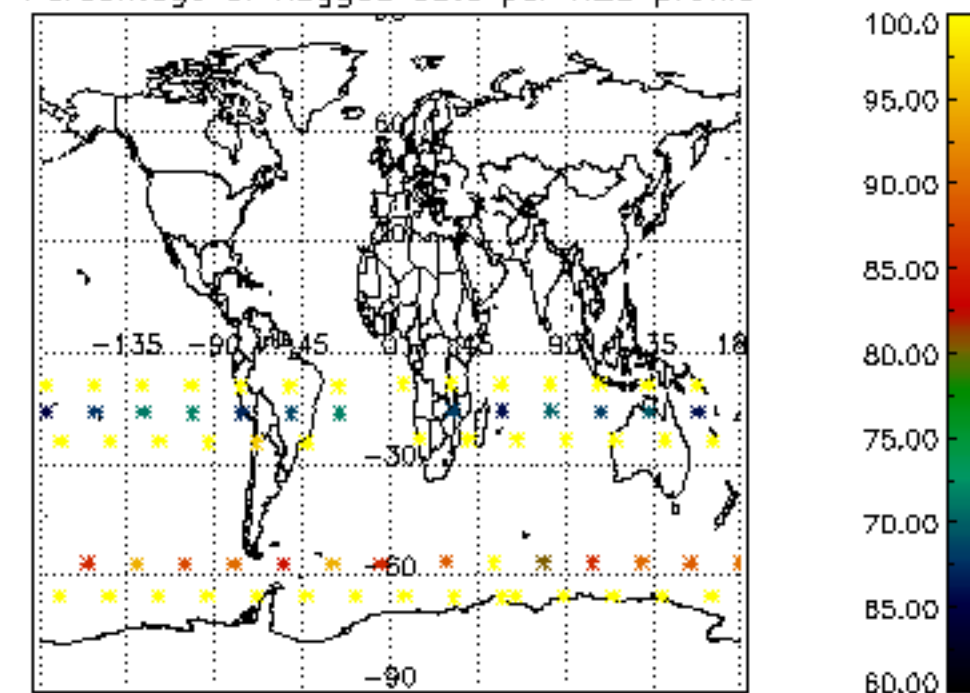




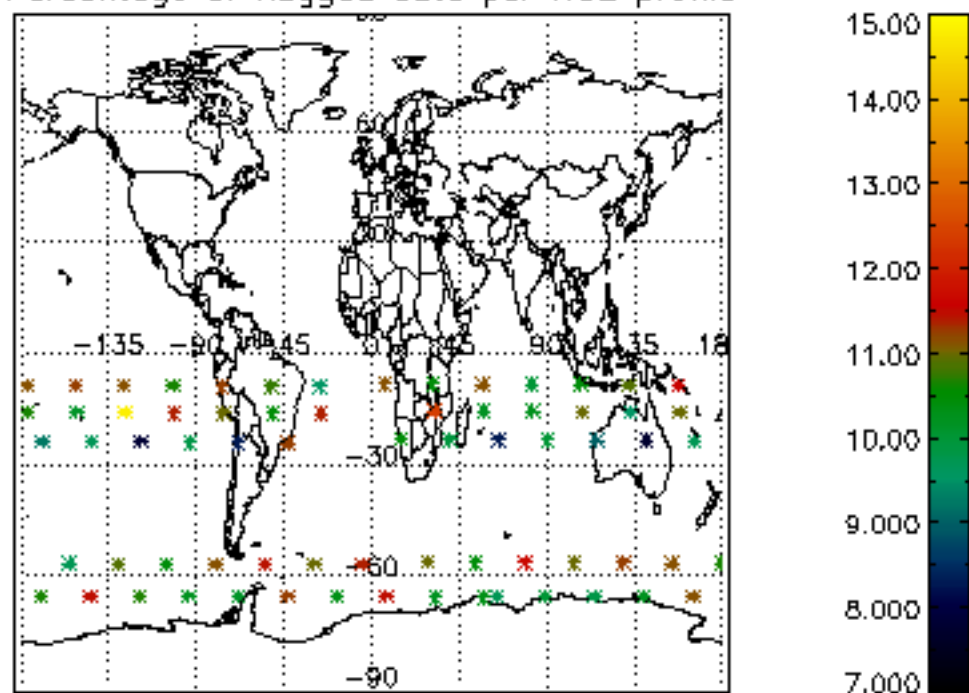
Percentage of flagged data per D3 profile



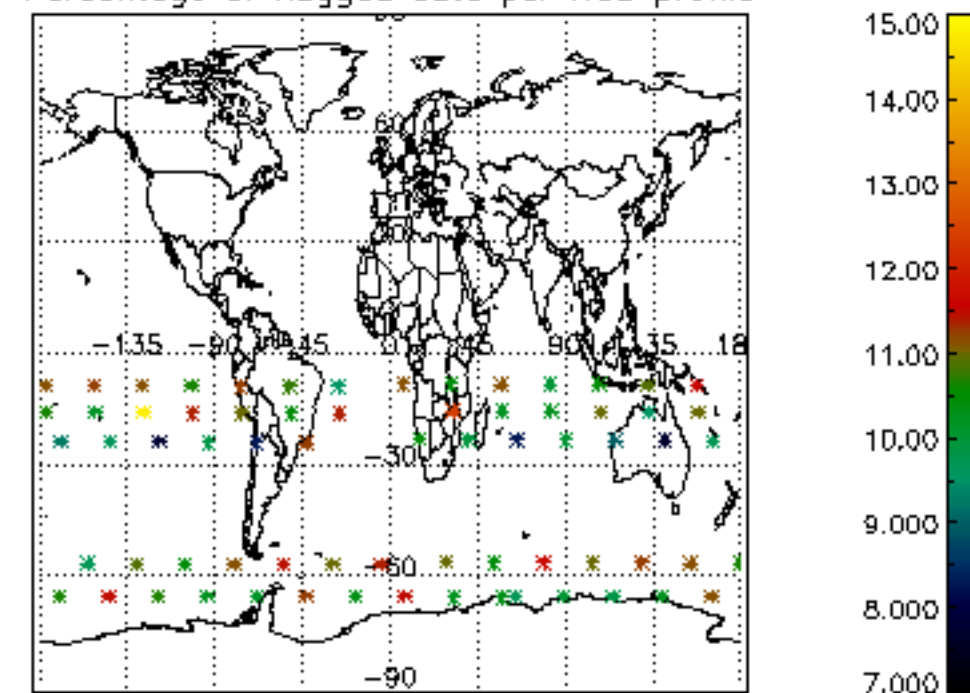
Percentage of flagged data per H2O profile

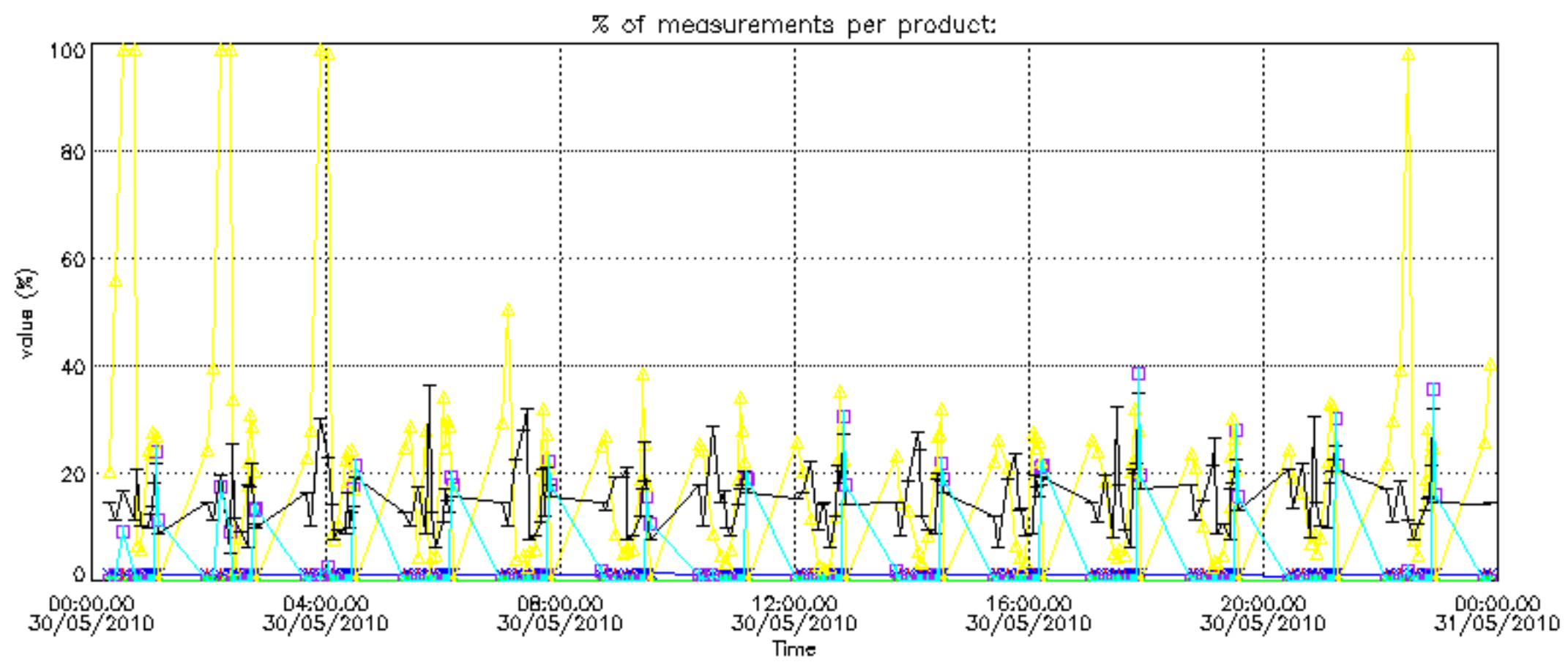
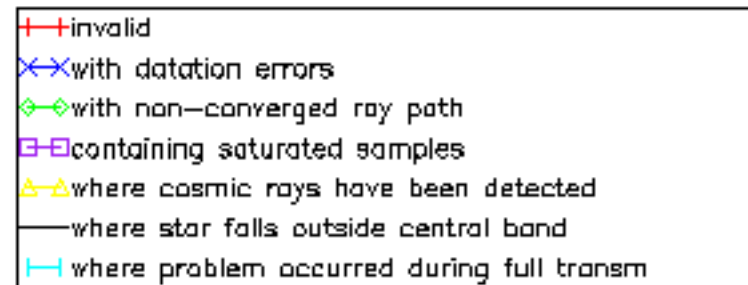


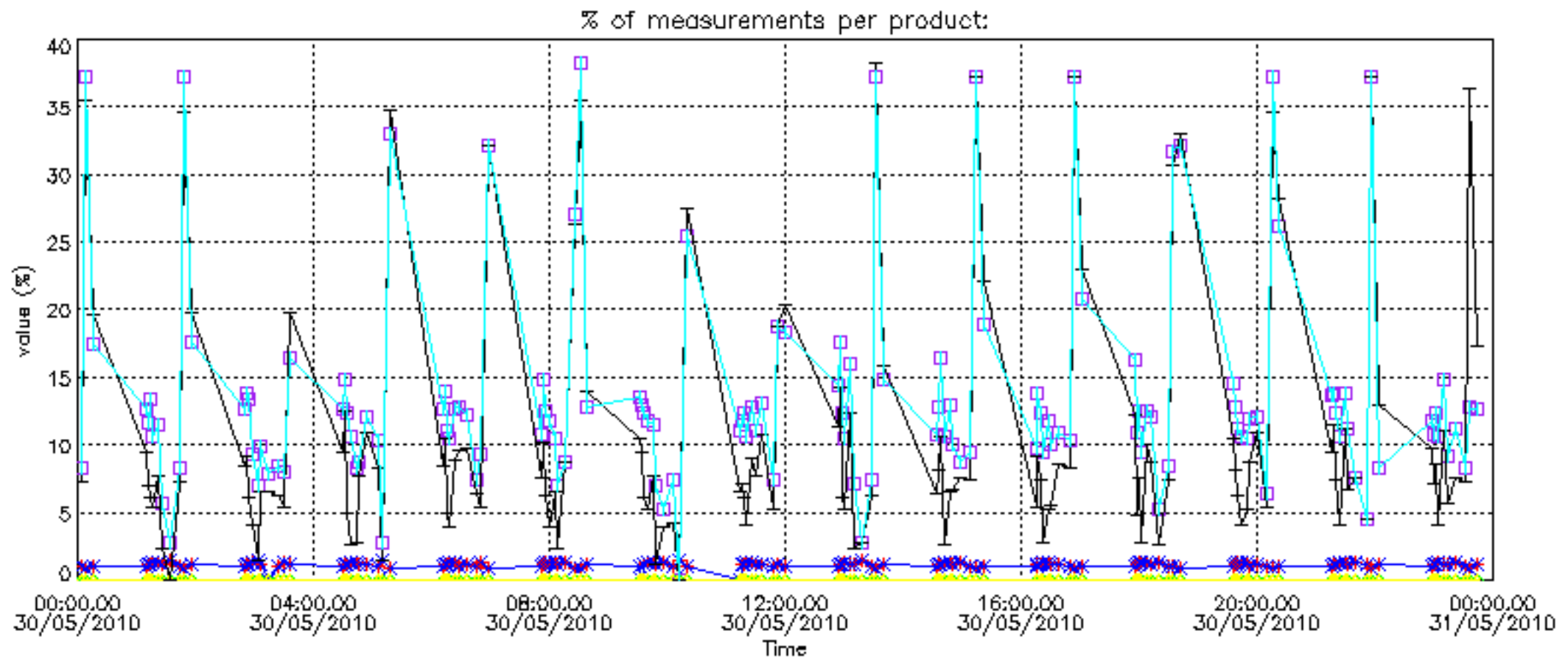
Percentage of flagged data per NO2 profile



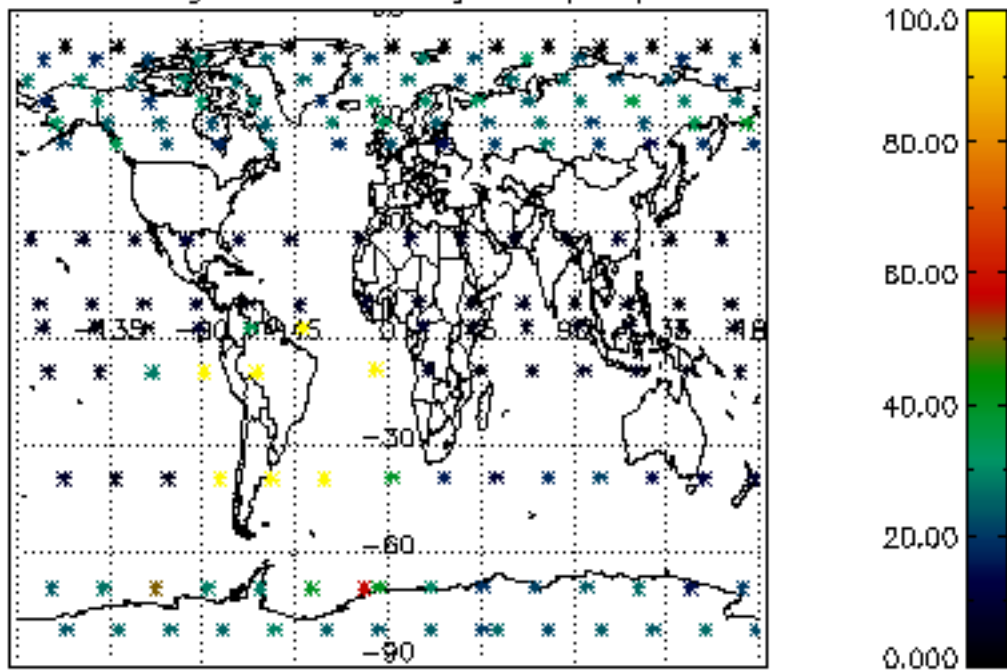
Percentage of flagged data per NO3 profile



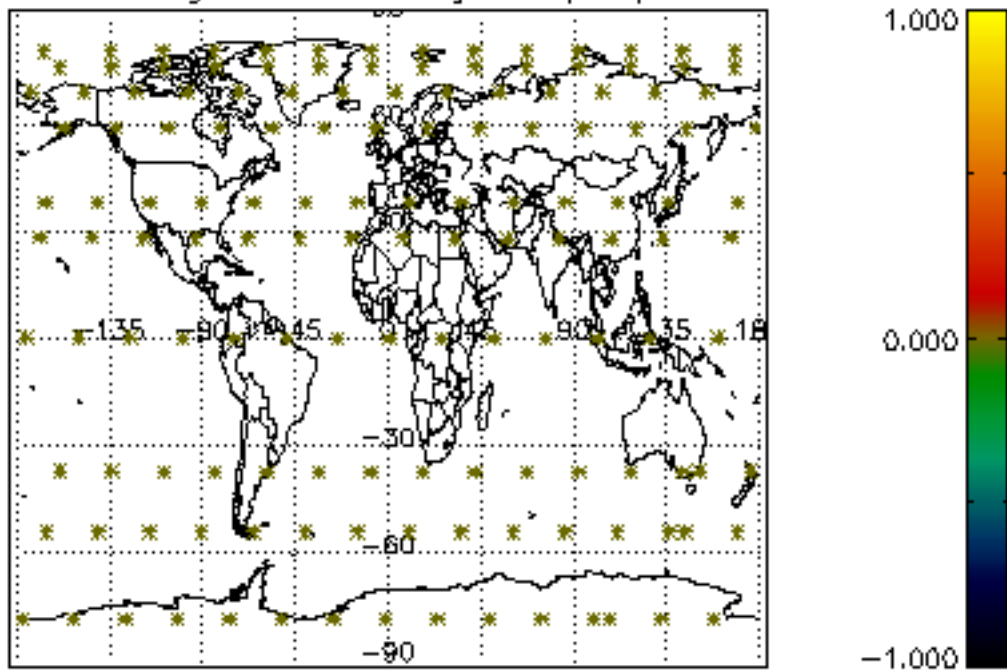




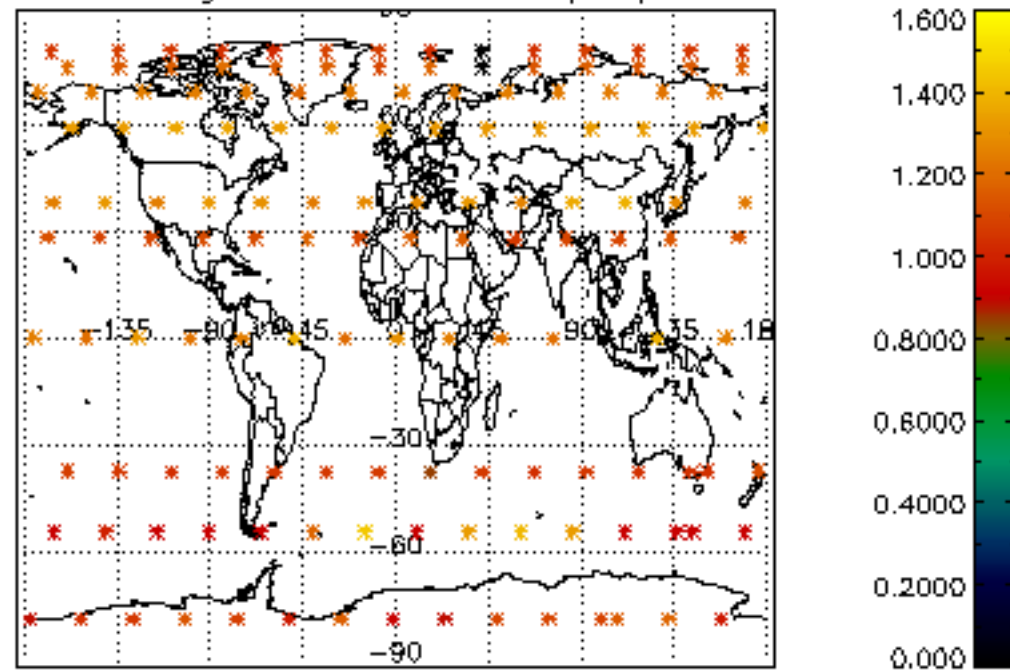
Percentage of cosmic ray hits per profile



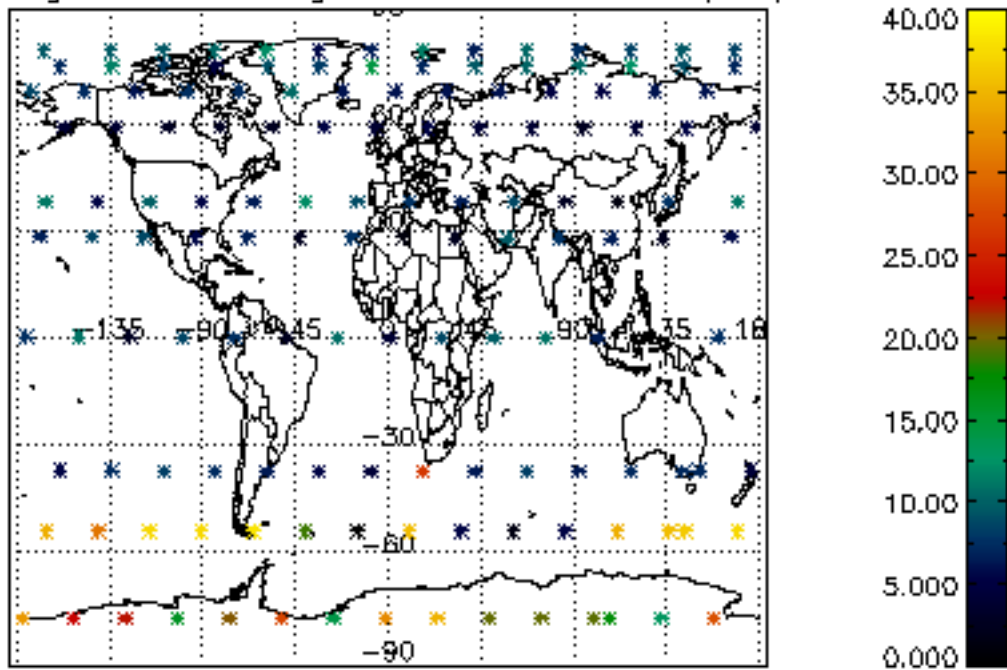
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

