

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 10:57:50
Data source version	GOMOS/6.01
Start time of products	19-05-2010 (19MAY2010 00:00:00)
Stop time of products	20-05-2010 (20MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	274
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100519_000237_000000432089_00317_42956_0505.N1	19-MAY-2010 00:02:37	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42956	No
2	GOM_NL__2PRFIN20100519_000410_000000492089_00317_42956_0506.N1	19-MAY-2010 00:04:10	Straylight	48.500	40	The Sco	1.8590	7100.0	97	42956	No
3	GOM_NL__2PRFIN20100519_000602_000000522089_00317_42956_0507.N1	19-MAY-2010 00:06:02	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	42956	No
4	GOM_NL__2PRFIN20100519_000815_000000532089_00317_42956_0508.N1	19-MAY-2010 00:08:15	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	42956	No
5	GOM_NL__2PRFIN20100519_001115_000000572089_00317_42956_0509.N1	19-MAY-2010 00:11:15	Twilight	56.500	16	21Alp Sco	1.0200	3000.0	113	42956	No
6	GOM_NL__2PRFIN20100519_001347_000000462089_00317_42956_0510.N1	19-MAY-2010 00:13:47	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42956	No
7	GOM_NL__2PRFIN20100519_001722_000000392089_00317_42956_0511.N1	19-MAY-2010 00:17:22	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42956	No
8	GOM_NL__2PRFIN20100519_001922_000000472089_00317_42956_0512.N1	19-MAY-2010 00:19:22	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42956	No
9	GOM_NL__2PRFIN20100519_002230_000000422089_00317_42956_0513.N1	19-MAY-2010 00:22:30	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42956	No
10	GOM_NL__2PRFIN20100519_002809_000000372089_00317_42956_0514.N1	19-MAY-2010 00:28:09	Bright	36.500	83		2.3780	11000.	73	42956	No
11	GOM_NL__2PRFIN20100519_003946_000000452089_00317_42956_0515.N1	19-MAY-2010 00:39:46	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42956	No
12	GOM_NL__2PRFIN20100519_005043_000000452089_00317_42956_0516.N1	19-MAY-2010 00:50:43	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42956	No
13	GOM_NL__2PRFIN20100519_005431_000000552089_00317_42956_0517.N1	19-MAY-2010 00:54:31	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42956	No
14	GOM_NL__2PRFIN20100519_010354_000000482089_00317_42956_0518.N1	19-MAY-2010 01:03:54	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42956	No
15	GOM_NL__2PRFIN20100519_010809_000000422089_00317_42956_0519.N1	19-MAY-2010 01:08:09	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	42956	No
16	GOM_NL__2PRFIN20100519_012347_000000592089_00317_42956_0520.N1	19-MAY-2010 01:23:47	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	42956	No
17	GOM_NL__2PRFIN20100519_012801_000000472089_00317_42956_0521.N1	19-MAY-2010 01:28:01	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	42956	No
18	GOM_NL__2PRFIN20100519_012934_000000432089_00318_42957_0511.N1	19-MAY-2010 01:29:34	Dark	42.500	31	Alp Gru	1.7340	15200.	85	42957	No
19	GOM_NL__2PRFIN20100519_013504_000000452089_00318_42957_0512.N1	19-MAY-2010 01:35:04	Dark	44.500	45	Alp Pav	1.9400	26000.	89	42957	No
20	GOM_NL__2PRFIN20100519_014313_000000442089_00318_42957_0513.N1	19-MAY-2010 01:43:13	Straylight	44.000	147	Alp Ara	2.8770	26000.	88	42957	No
21	GOM_NL__2PRFIN20100519_014447_000000512089_00318_42957_0514.N1	19-MAY-2010 01:44:47	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42957	No
22	GOM_NL__2PRFIN20100519_014638_000000542089_00318_42957_0515.N1	19-MAY-2010 01:46:38	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42957	No
23	GOM_NL__2PRFIN20100519_014851_000000502089_00318_42957_0516.N1	19-MAY-2010 01:48:51	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	42957	No
24	GOM_NL__2PRFIN20100519_015152_000000622089_00318_42957_0517.N1	19-MAY-2010 01:51:52	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	42957	No
25	GOM_NL__2PRFIN20100519_015423_000000452089_00318_42957_0518.N1	19-MAY-2010 01:54:23	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	42957	No
26	GOM_NL__2PRFIN20100519_015758_000000402089_00318_42957_0519.N1	19-MAY-2010 01:57:58	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42957	No
27	GOM_NL__2PRFIN20100519_015958_000000472089_00318_42957_0520.N1	19-MAY-2010 01:59:58	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42957	No
28	GOM_NL__2PRFIN20100519_020306_000000432089_00318_42957_0521.N1	19-MAY-2010 02:03:06	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42957	No
29	GOM_NL__2PRFIN20100519_020845_000000402089_00318_42957_0522.N1	19-MAY-2010 02:08:45	Bright	40.000	83		2.3780	11000.	80	42957	No
30	GOM_NL__2PRFIN20100519_022022_000000412089_00318_42957_0523.N1	19-MAY-2010 02:20:22	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	42957	No
31	GOM_NL__2PRFIN20100519_023118_000000462089_00318_42957_0524.N1	19-MAY-2010 02:31:18	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42957	No
32	GOM_NL__2PRFIN20100519_023507_000000552089_00318_42957_0525.N1	19-MAY-2010 02:35:07	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42957	No
33	GOM_NL__2PRFIN20100519_024430_000000462089_00318_42957_0526.N1	19-MAY-2010 02:44:30	Twilight	46.000	58	21Alp And	2.0730	11000.	92	42957	No
34	GOM_NL__2PRFIN20100519_024846_000000452089_00318_42957_0527.N1	19-MAY-2010 02:48:46	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42957	No
35	GOM_NL__2PRFIN20100519_030424_000000492089_00318_42957_0528.N1	19-MAY-2010 03:04:24	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42957	No
36	GOM_NL__2PRFIN20100519_030837_000000582089_00318_42957_0529.N1	19-MAY-2010 03:08:37	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42957	No
37	GOM_NL__2PRFIN20100519_031011_000000422089_00319_42958_0530.N1	19-MAY-2010 03:10:11	Dark	42.000	31	Alp Gru	1.7340	15200.	84	42958	No
38	GOM_NL__2PRFIN20100519_031541_000000422089_00319_42958_0523.N1	19-MAY-2010 03:15:41	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42958	No
39	GOM_NL__2PRFIN20100519_032349_000000442089_00319_42958_0524.N1	19-MAY-2010 03:23:49	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	42958	No
40	GOM_NL__2PRFIN20100519_032523_000000492089_00319_42958_0525.N1	19-MAY-2010 03:25:23	Straylight	48.500	40	The Sco	1.8590	7100.0	97	42958	No
41	GOM_NL__2PRFIN20100519_032715_000000522089_00319_42958_0526.N1	19-MAY-2010 03:27:15	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	42958	No
42	GOM_NL__2PRFIN20100519_032928_000000522089_00319_42958_0527.N1	19-MAY-2010 03:29:28	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	42958	No

43	GOM_NL__2PRFIN20100519_033228_000000632089_00319_42958_0528.N1	19-MAY-2010 03:32:28	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	42958	No
44	GOM_NL__2PRFIN20100519_033459_000000432089_00319_42958_0529.N1	19-MAY-2010 03:34:59	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	42958	No
45	GOM_NL__2PRFIN20100519_033834_000000392089_00319_42958_0530.N1	19-MAY-2010 03:38:34	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42958	No
46	GOM_NL__2PRFIN20100519_034034_000000472089_00319_42958_0531.N1	19-MAY-2010 03:40:34	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42958	No
47	GOM_NL__2PRFIN20100519_034341_000000422089_00319_42958_0532.N1	19-MAY-2010 03:43:41	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42958	No
48	GOM_NL__2PRFIN20100519_034921_000000372089_00319_42958_0533.N1	19-MAY-2010 03:49:21	Bright	37.000	83		2.3780	11000.	74	42958	No
49	GOM_NL__2PRFIN20100519_040058_000000382089_00319_42958_0534.N1	19-MAY-2010 04:00:58	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	42958	No
50	GOM_NL__2PRFIN20100519_041154_000000472089_00319_42958_0535.N1	19-MAY-2010 04:11:54	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42958	No
51	GOM_NL__2PRFIN20100519_041543_000000392089_00319_42958_0536.N1	19-MAY-2010 04:15:43	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42958	No
52	GOM_NL__2PRFIN20100519_042506_000000472089_00319_42958_0537.N1	19-MAY-2010 04:25:06	Twilight	46.500	58	21Alp And	2.0730	11000.	93	42958	No
53	GOM_NL__2PRFIN20100519_042922_000000452089_00319_42958_0538.N1	19-MAY-2010 04:29:22	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42958	No
54	GOM_NL__2PRFIN20100519_044501_000000482089_00319_42958_0539.N1	19-MAY-2010 04:45:01	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	42958	No
55	GOM_NL__2PRFIN20100519_044914_000000582089_00319_42958_0540.N1	19-MAY-2010 04:49:14	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42958	No
56	GOM_NL__2PRFIN20100519_045047_000000472089_00320_42959_0427.N1	19-MAY-2010 04:50:47	Dark	46.500	31	Alp Gru	1.7340	15200.	93	42959	No
57	GOM_NL__2PRFIN20100519_045618_000000432089_00320_42959_0428.N1	19-MAY-2010 04:56:18	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42959	No
58	GOM_NL__2PRFIN20100519_050426_000000432089_00320_42959_0429.N1	19-MAY-2010 05:04:26	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42959	No
59	GOM_NL__2PRFIN20100519_050600_000000502089_00320_42959_0430.N1	19-MAY-2010 05:06:00	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42959	No
60	GOM_NL__2PRFIN20100519_050751_000000542089_00320_42959_0431.N1	19-MAY-2010 05:07:51	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	42959	No
61	GOM_NL__2PRFIN20100519_051004_000000512089_00320_42959_0432.N1	19-MAY-2010 05:10:04	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	42959	No
62	GOM_NL__2PRFIN20100519_051304_000000592089_00320_42959_0433.N1	19-MAY-2010 05:13:04	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	42959	No
63	GOM_NL__2PRFIN20100519_051535_000000442089_00320_42959_0434.N1	19-MAY-2010 05:15:35	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42959	No
64	GOM_NL__2PRFIN20100519_051910_000000402089_00320_42959_0435.N1	19-MAY-2010 05:19:10	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42959	No
65	GOM_NL__2PRFIN20100519_052109_000000482089_00320_42959_0436.N1	19-MAY-2010 05:21:09	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42959	No
66	GOM_NL__2PRFIN20100519_052417_000000432089_00320_42959_0437.N1	19-MAY-2010 05:24:17	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42959	No
67	GOM_NL__2PRFIN20100519_052956_000000382089_00320_42959_0438.N1	19-MAY-2010 05:29:56	Bright	38.000	83		2.3780	11000.	76	42959	No
68	GOM_NL__2PRFIN20100519_054133_000000422089_00320_42959_0439.N1	19-MAY-2010 05:41:33	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42959	No
69	GOM_NL__2PRFIN20100519_055229_000000462089_00320_42959_0440.N1	19-MAY-2010 05:52:29	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42959	No
70	GOM_NL__2PRFIN20100519_055619_000000372089_00320_42959_0441.N1	19-MAY-2010 05:56:19	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	42959	No
71	GOM_NL__2PRFIN20100519_060542_000000452089_00320_42959_0442.N1	19-MAY-2010 06:05:42	Twilight	45.000	58	21Alp And	2.0730	11000.	90	42959	No
72	GOM_NL__2PRFIN20100519_060958_000000442089_00320_42959_0443.N1	19-MAY-2010 06:09:58	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42959	No
73	GOM_NL__2PRFIN20100519_062537_000000602089_00320_42959_0444.N1	19-MAY-2010 06:25:37	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	42959	No
74	GOM_NL__2PRFIN20100519_062951_000000462089_00320_42959_0445.N1	19-MAY-2010 06:29:51	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	42959	No
75	GOM_NL__2PRFIN20100519_063124_000000452089_00321_42960_0435.N1	19-MAY-2010 06:31:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42960	No
76	GOM_NL__2PRFIN20100519_063654_000000432089_00321_42960_0436.N1	19-MAY-2010 06:36:54	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42960	No
77	GOM_NL__2PRFIN20100519_064503_000000432089_00321_42960_0437.N1	19-MAY-2010 06:45:03	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42960	No
78	GOM_NL__2PRFIN20100519_064636_000000512089_00321_42960_0438.N1	19-MAY-2010 06:46:36	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42960	No
79	GOM_NL__2PRFIN20100519_064828_000000532089_00321_42960_0439.N1	19-MAY-2010 06:48:28	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42960	No
80	GOM_NL__2PRFIN20100519_065041_000000522089_00321_42960_0440.N1	19-MAY-2010 06:50:41	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	42960	No
81	GOM_NL__2PRFIN20100519_065340_000000552089_00321_42960_0441.N1	19-MAY-2010 06:53:40	Twilight	54.500	16	21Alp Sco	1.0200	3000.0	109	42960	No
82	GOM_NL__2PRFIN20100519_065611_000000442089_00321_42960_0442.N1	19-MAY-2010 06:56:11	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	42960	No
83	GOM_NL__2PRFIN20100519_065946_000000392089_00321_42960_0443.N1	19-MAY-2010 06:59:46	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42960	No
84	GOM_NL__2PRFIN20100519_070145_000000472089_00321_42960_0444.N1	19-MAY-2010 07:01:45	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42960	No
85	GOM_NL__2PRFIN20100519_070453_000000452089_00321_42960_0445.N1	19-MAY-2010 07:04:53	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	42960	No
86	GOM_NL__2PRFIN20100519_071032_000000422089_00321_42960_0446.N1	19-MAY-2010 07:10:32	Bright	41.500	83		2.3780	11000.	83	42960	No
87	GOM_NL__2PRFIN20100519_072209_000000422089_00321_42960_0447.N1	19-MAY-2010 07:22:09	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42960	No
88	GOM_NL__2PRFIN20100519_073305_000000452089_00321_42960_0448.N1	19-MAY-2010 07:33:05	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42960	No
89	GOM_NL__2PRFIN20100519_073655_000000362089_00321_42960_0449.N1	19-MAY-2010 07:36:55	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42960	No
90	GOM_NL__2PRFIN20100519_074618_000000472089_00321_42960_0450.N1	19-MAY-2010 07:46:18	Twilight	47.000	58	21Alp And	2.0730	11000.	94	42960	No
91	GOM_NL__2PRFIN20100519_075034_000000442089_00321_42960_0451.N1	19-MAY-2010 07:50:34	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42960	No
92	GOM_NL__2PRFIN20100519_075224_000000572089_00321_42960_0452.N1	19-MAY-2010 07:52:24	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	42960	No
93	GOM_NL__2PRFIN20100519_080614_000000492089_00321_42960_0453.N1	19-MAY-2010 08:06:14	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42960	No
94	GOM_NL__2PRFIN20100519_081027_000000482089_00321_42960_0454.N1	19-MAY-2010 08:10:27	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	42960	No
95	GOM_NL__2PRFIN20100519_081201_000000442089_00322_42961_0443.N1	19-MAY-2010 08:12:01	Dark	44.000	31	Alp Gru	1.7340	15200.	88	42961	No
96	GOM_NL__2PRFIN20100519_081732_000000422089_00322_42961_0444.N1	19-MAY-2010 08:17:32	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42961	No
97	GOM_NL__2PRFIN20100519_082539_000000422089_00322_42961_0445.N1	19-MAY-2010 08:25:39	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42961	No
98	GOM_NL__2PRFIN20100519_082713_000000512089_00322_42961_0446.N1	19-MAY-2010 08:27:13	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42961	No
99	GOM_NL__2PRFIN20100519_082905_000000562089_00322_42961_0447.N1	19-MAY-2010 08:29:05	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42961	No
100	GOM_NL__2PRFIN20100519_083117_000000492089_00322_42961_0448.N1	19-MAY-2010 08:31:17	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	42961	No
101	GOM_NL__2PRFIN20100519_083416_000000552089_00322_42961_0449.N1	19-MAY-2010 08:34:16	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	42961	No

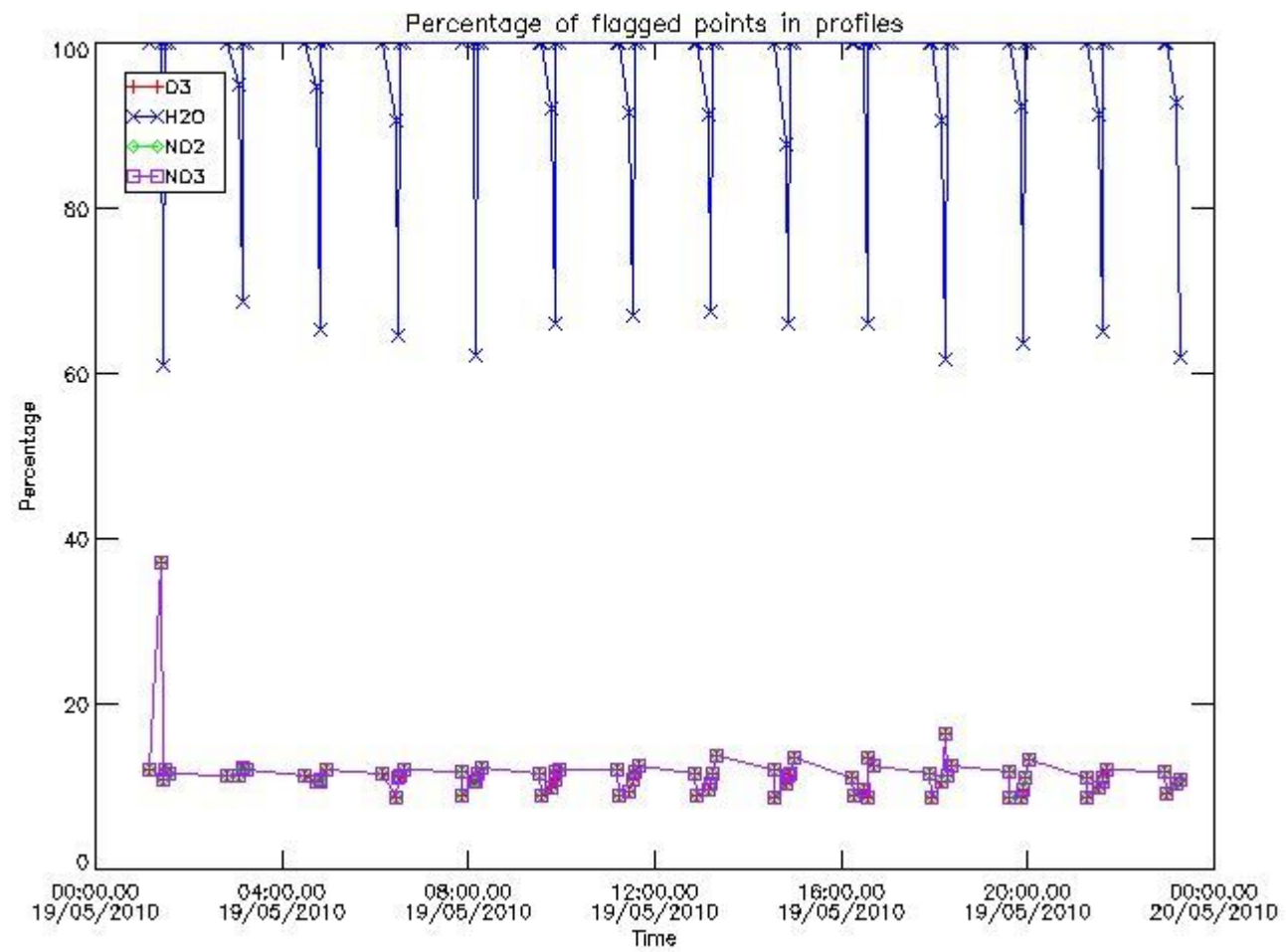
102	GOM_NL__2PRFIN20100519_083647_000000432089_00322_42961_0450.N1	19-MAY-2010 08:36:47	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	42961	No
103	GOM_NL__2PRFIN20100519_084022_000000392089_00322_42961_0451.N1	19-MAY-2010 08:40:22	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42961	No
104	GOM_NL__2PRFIN20100519_084221_000000482089_00322_42961_0452.N1	19-MAY-2010 08:42:21	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42961	No
105	GOM_NL__2PRFIN20100519_084529_000000432089_00322_42961_0453.N1	19-MAY-2010 08:45:29	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42961	No
106	GOM_NL__2PRFIN20100519_085108_000000372089_00322_42961_0454.N1	19-MAY-2010 08:51:08	Bright	37.000	83		2.3780	11000.	74	42961	No
107	GOM_NL__2PRFIN20100519_090244_000000402089_00322_42961_0455.N1	19-MAY-2010 09:02:44	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	42961	No
108	GOM_NL__2PRFIN20100519_091340_000000452089_00322_42961_0456.N1	19-MAY-2010 09:13:40	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42961	No
109	GOM_NL__2PRFIN20100519_091731_000000362089_00322_42961_0457.N1	19-MAY-2010 09:17:31	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42961	No
110	GOM_NL__2PRFIN20100519_092655_000000472089_00322_42961_0458.N1	19-MAY-2010 09:26:55	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	42961	No
111	GOM_NL__2PRFIN20100519_093111_000000452089_00322_42961_0459.N1	19-MAY-2010 09:31:11	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	42961	No
112	GOM_NL__2PRFIN20100519_093301_000000572089_00322_42961_0460.N1	19-MAY-2010 09:33:01	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	42961	No
113	GOM_NL__2PRFIN20100519_094651_000000512089_00322_42961_0461.N1	19-MAY-2010 09:46:51	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	42961	No
114	GOM_NL__2PRFIN20100519_095104_000000572089_00322_42961_0462.N1	19-MAY-2010 09:51:04	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	42961	No
115	GOM_NL__2PRFIN20100519_095238_000000432089_00323_42962_0451.N1	19-MAY-2010 09:52:38	Dark	43.000	31	Alp Gru	1.7340	15200.	86	42962	No
116	GOM_NL__2PRFIN20100519_095808_000000432089_00323_42962_0452.N1	19-MAY-2010 09:58:08	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42962	No
117	GOM_NL__2PRFIN20100519_100615_000000412089_00323_42962_0453.N1	19-MAY-2010 10:06:15	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	42962	No
118	GOM_NL__2PRFIN20100519_100749_000000512089_00323_42962_0454.N1	19-MAY-2010 10:07:49	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42962	No
119	GOM_NL__2PRFIN20100519_100941_000000532089_00323_42962_0455.N1	19-MAY-2010 10:09:41	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42962	No
120	GOM_NL__2PRFIN20100519_101154_000000532089_00323_42962_0456.N1	19-MAY-2010 10:11:54	Tw_i_and_stray	52.500	75	26Eps Sco	2.2910	4250.0	105	42962	No
121	GOM_NL__2PRFIN20100519_101453_000000562089_00323_42962_0457.N1	19-MAY-2010 10:14:53	Tw_i_and_stray	56.000	16	21Alp Sco	1.0200	3000.0	112	42962	No
122	GOM_NL__2PRFIN20100519_101723_000000472089_00323_42962_0458.N1	19-MAY-2010 10:17:23	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	42962	No
123	GOM_NL__2PRFIN20100519_102058_000000422089_00323_42962_0459.N1	19-MAY-2010 10:20:58	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42962	No
124	GOM_NL__2PRFIN20100519_102257_000000482089_00323_42962_0460.N1	19-MAY-2010 10:22:57	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42962	No
125	GOM_NL__2PRFIN20100519_102604_000000422089_00323_42962_0461.N1	19-MAY-2010 10:26:04	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42962	No
126	GOM_NL__2PRFIN20100519_103144_000000412089_00323_42962_0462.N1	19-MAY-2010 10:31:44	Bright	41.000	83		2.3780	11000.	82	42962	No
127	GOM_NL__2PRFIN20100519_104319_000000432089_00323_42962_0463.N1	19-MAY-2010 10:43:19	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42962	No
128	GOM_NL__2PRFIN20100519_105416_000000462089_00323_42962_0464.N1	19-MAY-2010 10:54:16	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42962	No
129	GOM_NL__2PRFIN20100519_105807_000000392089_00323_42962_0465.N1	19-MAY-2010 10:58:07	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	42962	No
130	GOM_NL__2PRFIN20100519_110731_000000482089_00323_42962_0466.N1	19-MAY-2010 11:07:31	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	42962	No
131	GOM_NL__2PRFIN20100519_111147_000000422089_00323_42962_0467.N1	19-MAY-2010 11:11:47	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	42962	No
132	GOM_NL__2PRFIN20100519_111337_000000582089_00323_42962_0468.N1	19-MAY-2010 11:13:37	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	42962	No
133	GOM_NL__2PRFIN20100519_112728_000000552089_00323_42962_0469.N1	19-MAY-2010 11:27:28	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	42962	No
134	GOM_NL__2PRFIN20100519_113141_000000482089_00323_42962_0470.N1	19-MAY-2010 11:31:41	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	42962	No
135	GOM_NL__2PRFIN20100519_113315_000000442089_00324_42963_0459.N1	19-MAY-2010 11:33:15	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42963	No
136	GOM_NL__2PRFIN20100519_113845_000000412089_00324_42963_0460.N1	19-MAY-2010 11:38:45	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42963	No
137	GOM_NL__2PRFIN20100519_114652_000000442089_00324_42963_0461.N1	19-MAY-2010 11:46:52	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	42963	No
138	GOM_NL__2PRFIN20100519_114826_000000542089_00324_42963_0462.N1	19-MAY-2010 11:48:26	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42963	No
139	GOM_NL__2PRFIN20100519_115018_000000522089_00324_42963_0463.N1	19-MAY-2010 11:50:18	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	42963	No
140	GOM_NL__2PRFIN20100519_115230_000000492089_00324_42963_0464.N1	19-MAY-2010 11:52:30	Tw_i_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	42963	No
141	GOM_NL__2PRFIN20100519_115529_000000632089_00324_42963_0465.N1	19-MAY-2010 11:55:29	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	42963	No
142	GOM_NL__2PRFIN20100519_115759_000000452089_00324_42963_0466.N1	19-MAY-2010 11:57:59	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	42963	No
143	GOM_NL__2PRFIN20100519_120134_000000392089_00324_42963_0467.N1	19-MAY-2010 12:01:34	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42963	No
144	GOM_NL__2PRFIN20100519_120332_000000482089_00324_42963_0468.N1	19-MAY-2010 12:03:32	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42963	No
145	GOM_NL__2PRFIN20100519_120640_000000422089_00324_42963_0469.N1	19-MAY-2010 12:06:40	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42963	No
146	GOM_NL__2PRFIN20100519_121220_000000412089_00324_42963_0470.N1	19-MAY-2010 12:12:20	Bright	40.500	83		2.3780	11000.	81	42963	No
147	GOM_NL__2PRFIN20100519_122355_000000432089_00324_42963_0471.N1	19-MAY-2010 12:23:55	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42963	No
148	GOM_NL__2PRFIN20100519_123451_000000462089_00324_42963_0472.N1	19-MAY-2010 12:34:51	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42963	No
149	GOM_NL__2PRFIN20100519_123842_000000562089_00324_42963_0473.N1	19-MAY-2010 12:38:42	Bright	56.000	74	11Bet Cas	2.2680	6600.0	112	42963	No
150	GOM_NL__2PRFIN20100519_124807_000000472089_00324_42963_0474.N1	19-MAY-2010 12:48:07	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	42963	No
151	GOM_NL__2PRFIN20100519_125223_000000442089_00324_42963_0475.N1	19-MAY-2010 12:52:23	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42963	No
152	GOM_NL__2PRFIN20100519_125414_000000572089_00324_42963_0476.N1	19-MAY-2010 12:54:14	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	42963	No
153	GOM_NL__2PRFIN20100519_130805_000000532089_00324_42963_0477.N1	19-MAY-2010 13:08:05	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	42963	No
154	GOM_NL__2PRFIN20100519_131217_000000502089_00324_42963_0478.N1	19-MAY-2010 13:12:17	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	42963	No
155	GOM_NL__2PRFIN20100519_131351_000000452089_00325_42964_0467.N1	19-MAY-2010 13:13:51	Dark	44.500	31	Alp Gru	1.7340	15200.	89	42964	No
156	GOM_NL__2PRFIN20100519_131921_000000412089_00325_42964_0468.N1	19-MAY-2010 13:19:21	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42964	No
157	GOM_NL__2PRFIN20100519_132728_000000432089_00325_42964_0469.N1	19-MAY-2010 13:27:28	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42964	No
158	GOM_NL__2PRFIN20100519_132902_000000482089_00325_42964_0470.N1	19-MAY-2010 13:29:02	Straylight	48.000	40	The Sco	1.8590	7100.0	96	42964	No
159	GOM_NL__2PRFIN20100519_133054_000000502089_00325_42964_0471.N1	19-MAY-2010 13:30:54	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	42964	No
160	GOM_NL__2PRFIN20100519_133306_000000502089_00325_42964_0472.N1	19-MAY-2010 13:33:06	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	42964	No

161	GOM_NL__2PRFIN20100519_133605_000000542089_00325_42964_0473.N1	19-MAY-2010 13:36:05	Twilight	53.500	16	21Alp Sco	1.0200	3000.0	107	42964	No
162	GOM_NL__2PRFIN20100519_133744_000000442089_00325_42964_0474.N1	19-MAY-2010 13:37:44	Bright	44.000	80	7Del Sco	2.3160	30000.	88	42964	No
163	GOM_NL__2PRFIN20100519_134210_000000402089_00325_42964_0475.N1	19-MAY-2010 13:42:10	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42964	No
164	GOM_NL__2PRFIN20100519_134408_000000472089_00325_42964_0476.N1	19-MAY-2010 13:44:08	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	42964	No
165	GOM_NL__2PRFIN20100519_134716_000000432089_00325_42964_0477.N1	19-MAY-2010 13:47:16	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	42964	No
166	GOM_NL__2PRFIN20100519_135256_000000392089_00325_42964_0478.N1	19-MAY-2010 13:52:56	Bright	39.000	83		2.3780	11000.	78	42964	No
167	GOM_NL__2PRFIN20100519_140430_000000422089_00325_42964_0479.N1	19-MAY-2010 14:04:30	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42964	No
168	GOM_NL__2PRFIN20100519_141527_000000442089_00325_42964_0480.N1	19-MAY-2010 14:15:27	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42964	No
169	GOM_NL__2PRFIN20100519_141918_000000562089_00325_42964_0481.N1	19-MAY-2010 14:19:18	Bright	56.000	74	11Bet Cas	2.2680	6600.0	112	42964	No
170	GOM_NL__2PRFIN20100519_142843_000000502089_00325_42964_0482.N1	19-MAY-2010 14:28:43	Twilight	49.500	58	21Alp And	2.0730	11000.	99	42964	No
171	GOM_NL__2PRFIN20100519_143259_000000422089_00325_42964_0483.N1	19-MAY-2010 14:32:59	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	42964	No
172	GOM_NL__2PRFIN20100519_143450_000000592089_00325_42964_0484.N1	19-MAY-2010 14:34:50	Dark	59.000	90	54Alp Peg	2.4870	11000.	118	42964	No
173	GOM_NL__2PRFIN20100519_144841_000000492089_00325_42964_0485.N1	19-MAY-2010 14:48:41	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42964	No
174	GOM_NL__2PRFIN20100519_145253_000000492089_00325_42964_0486.N1	19-MAY-2010 14:52:53	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	42964	No
175	GOM_NL__2PRFIN20100519_145428_000000452089_00326_42965_0475.N1	19-MAY-2010 14:54:28	Dark	44.500	31	Alp Gru	1.7340	15200.	89	42965	No
176	GOM_NL__2PRFIN20100519_145958_000000422089_00326_42965_0476.N1	19-MAY-2010 14:59:58	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42965	No
177	GOM_NL__2PRFIN20100519_150805_000000422089_00326_42965_0477.N1	19-MAY-2010 15:08:05	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42965	No
178	GOM_NL__2PRFIN20100519_150939_000000512089_00326_42965_0478.N1	19-MAY-2010 15:09:39	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42965	No
179	GOM_NL__2PRFIN20100519_151130_000000512089_00326_42965_0479.N1	19-MAY-2010 15:11:30	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	42965	No
180	GOM_NL__2PRFIN20100519_151342_000000532089_00326_42965_0480.N1	19-MAY-2010 15:13:42	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	42965	No
181	GOM_NL__2PRFIN20100519_151641_000000622089_00326_42965_0481.N1	19-MAY-2010 15:16:41	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	42965	No
182	GOM_NL__2PRFIN20100519_151820_000000462089_00326_42965_0482.N1	19-MAY-2010 15:18:20	Bright	45.500	80	7Del Sco	2.3160	30000.	91	42965	No
183	GOM_NL__2PRFIN20100519_152246_000000402089_00326_42965_0483.N1	19-MAY-2010 15:22:46	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42965	No
184	GOM_NL__2PRFIN20100519_152444_000000472089_00326_42965_0484.N1	19-MAY-2010 15:24:44	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42965	No
185	GOM_NL__2PRFIN20100519_152752_000000422089_00326_42965_0485.N1	19-MAY-2010 15:27:52	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42965	No
186	GOM_NL__2PRFIN20100519_153331_000000372089_00326_42965_0486.N1	19-MAY-2010 15:33:31	Bright	37.000	83		2.3780	11000.	74	42965	No
187	GOM_NL__2PRFIN20100519_154506_000000422089_00326_42965_0487.N1	19-MAY-2010 15:45:06	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42965	No
188	GOM_NL__2PRFIN20100519_155602_000000462089_00326_42965_0488.N1	19-MAY-2010 15:56:02	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42965	No
189	GOM_NL__2PRFIN20100519_155954_000000402089_00326_42965_0489.N1	19-MAY-2010 15:59:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	42965	No
190	GOM_NL__2PRFIN20100519_160919_000000482089_00326_42965_0490.N1	19-MAY-2010 16:09:19	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42965	No
191	GOM_NL__2PRFIN20100519_161336_000000462089_00326_42965_0491.N1	19-MAY-2010 16:13:36	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	42965	No
192	GOM_NL__2PRFIN20100519_161527_000000582089_00326_42965_0492.N1	19-MAY-2010 16:15:27	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	42965	No
193	GOM_NL__2PRFIN20100519_162919_000000592089_00326_42965_0493.N1	19-MAY-2010 16:29:19	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	42965	No
194	GOM_NL__2PRFIN20100519_163330_000000582089_00326_42965_0494.N1	19-MAY-2010 16:33:30	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42965	No
195	GOM_NL__2PRFIN20100519_163505_000000422089_00327_42966_0483.N1	19-MAY-2010 16:35:05	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42966	No
196	GOM_NL__2PRFIN20100519_164035_000000452089_00327_42966_0484.N1	19-MAY-2010 16:40:35	Dark	45.000	45	Alp Pav	1.9400	26000.	90	42966	No
197	GOM_NL__2PRFIN20100519_164841_000000432089_00327_42966_0485.N1	19-MAY-2010 16:48:41	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42966	No
198	GOM_NL__2PRFIN20100519_165015_000000512089_00327_42966_0486.N1	19-MAY-2010 16:50:15	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42966	No
199	GOM_NL__2PRFIN20100519_165207_000000532089_00327_42966_0487.N1	19-MAY-2010 16:52:07	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42966	No
200	GOM_NL__2PRFIN20100519_165419_000000522089_00327_42966_0488.N1	19-MAY-2010 16:54:19	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	42966	No
201	GOM_NL__2PRFIN20100519_165718_000000622089_00327_42966_0489.N1	19-MAY-2010 16:57:18	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	42966	No
202	GOM_NL__2PRFIN20100519_165948_000000442089_00327_42966_0490.N1	19-MAY-2010 16:59:48	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42966	No
203	GOM_NL__2PRFIN20100519_170322_000000402089_00327_42966_0491.N1	19-MAY-2010 17:03:22	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42966	No
204	GOM_NL__2PRFIN20100519_170520_000000472089_00327_42966_0492.N1	19-MAY-2010 17:05:20	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	42966	No
205	GOM_NL__2PRFIN20100519_170827_000000422089_00327_42966_0493.N1	19-MAY-2010 17:08:27	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42966	No
206	GOM_NL__2PRFIN20100519_171407_000000362089_00327_42966_0494.N1	19-MAY-2010 17:14:07	Bright	36.000	83		2.3780	11000.	72	42966	No
207	GOM_NL__2PRFIN20100519_172542_000000392089_00327_42966_0495.N1	19-MAY-2010 17:25:42	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	42966	No
208	GOM_NL__2PRFIN20100519_173637_000000432089_00327_42966_0496.N1	19-MAY-2010 17:36:37	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42966	No
209	GOM_NL__2PRFIN20100519_174030_000000362089_00327_42966_0497.N1	19-MAY-2010 17:40:30	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42966	No
210	GOM_NL__2PRFIN20100519_174955_000000462089_00327_42966_0498.N1	19-MAY-2010 17:49:55	Twilight	45.500	58	21Alp And	2.0730	11000.	91	42966	No
211	GOM_NL__2PRFIN20100519_175412_000000442089_00327_42966_0499.N1	19-MAY-2010 17:54:12	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42966	No
212	GOM_NL__2PRFIN20100519_175604_000000592089_00327_42966_0500.N1	19-MAY-2010 17:56:04	Dark	58.500	90	54Alp Peg	2.4870	11000.	117	42966	No
213	GOM_NL__2PRFIN20100519_180955_000000492089_00327_42966_0501.N1	19-MAY-2010 18:09:55	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42966	No
214	GOM_NL__2PRFIN20100519_181407_000000532089_00327_42966_0502.N1	19-MAY-2010 18:14:07	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	42966	No
215	GOM_NL__2PRFIN20100519_181542_000000452089_00328_42967_0491.N1	19-MAY-2010 18:15:42	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42967	No
216	GOM_NL__2PRFIN20100519_182111_000000412089_00328_42967_0492.N1	19-MAY-2010 18:21:11	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42967	No
217	GOM_NL__2PRFIN20100519_182918_000000422089_00328_42967_0493.N1	19-MAY-2010 18:29:18	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42967	No
218	GOM_NL__2PRFIN20100519_183052_000000512089_00328_42967_0494.N1	19-MAY-2010 18:30:52	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42967	No
219	GOM_NL__2PRFIN20100519_183244_000000532089_00328_42967_0495.N1	19-MAY-2010 18:32:44	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42967	No

220	GOM_NL__2PRFIN20100519_183455_000000522089_00328_42967_0496.N1	19-MAY-2010 18:34:55	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	42967	No
221	GOM_NL__2PRFIN20100519_183754_000000582089_00328_42967_0497.N1	19-MAY-2010 18:37:54	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	42967	No
222	GOM_NL__2PRFIN20100519_184024_000000462089_00328_42967_0498.N1	19-MAY-2010 18:40:24	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42967	No
223	GOM_NL__2PRFIN20100519_184358_000000382089_00328_42967_0499.N1	19-MAY-2010 18:43:58	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	42967	No
224	GOM_NL__2PRFIN20100519_184556_000000472089_00328_42967_0500.N1	19-MAY-2010 18:45:56	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	42967	No
225	GOM_NL__2PRFIN20100519_184903_000000422089_00328_42967_0501.N1	19-MAY-2010 18:49:03	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42967	No
226	GOM_NL__2PRFIN20100519_185443_000000362089_00328_42967_0502.N1	19-MAY-2010 18:54:43	Bright	35.500	83		2.3780	11000.	71	42967	No
227	GOM_NL__2PRFIN20100519_190617_000000412089_00328_42967_0503.N1	19-MAY-2010 19:06:17	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42967	No
228	GOM_NL__2PRFIN20100519_191713_000000462089_00328_42967_0504.N1	19-MAY-2010 19:17:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42967	No
229	GOM_NL__2PRFIN20100519_192106_000000562089_00328_42967_0505.N1	19-MAY-2010 19:21:06	Bright	56.000	74	11Bet Cas	2.2680	6600.0	112	42967	No
230	GOM_NL__2PRFIN20100519_193031_000000462089_00328_42967_0506.N1	19-MAY-2010 19:30:31	Twilight	46.000	58	21Alp And	2.0730	11000.	92	42967	No
231	GOM_NL__2PRFIN20100519_193448_000000442089_00328_42967_0507.N1	19-MAY-2010 19:34:48	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42967	No
232	GOM_NL__2PRFIN20100519_193640_000000592089_00328_42967_0508.N1	19-MAY-2010 19:36:40	Dark	58.500	90	54Alp Peg	2.4870	11000.	117	42967	No
233	GOM_NL__2PRFIN20100519_195032_000000602089_00328_42967_0509.N1	19-MAY-2010 19:50:32	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	42967	No
234	GOM_NL__2PRFIN20100519_195444_000000532089_00328_42967_0510.N1	19-MAY-2010 19:54:44	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	42967	No
235	GOM_NL__2PRFIN20100519_195618_000000462089_00329_42968_0499.N1	19-MAY-2010 19:56:18	Dark	45.500	31	Alp Gru	1.7340	15200.	91	42968	No
236	GOM_NL__2PRFIN20100519_200148_000000422089_00329_42968_0500.N1	19-MAY-2010 20:01:48	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42968	No
237	GOM_NL__2PRFIN20100519_200954_000000422089_00329_42968_0501.N1	19-MAY-2010 20:09:54	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42968	No
238	GOM_NL__2PRFIN20100519_201129_000000552089_00329_42968_0502.N1	19-MAY-2010 20:11:29	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42968	No
239	GOM_NL__2PRFIN20100519_201320_000000552089_00329_42968_0503.N1	19-MAY-2010 20:13:20	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42968	No
240	GOM_NL__2PRFIN20100519_201532_000000492089_00329_42968_0504.N1	19-MAY-2010 20:15:32	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	42968	No
241	GOM_NL__2PRFIN20100519_201830_000000632089_00329_42968_0505.N1	19-MAY-2010 20:18:30	Twilight	62.500	16	21Alp Sco	1.0200	3000.0	125	42968	No
242	GOM_NL__2PRFIN20100519_202100_000000462089_00329_42968_0506.N1	19-MAY-2010 20:21:00	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42968	No
243	GOM_NL__2PRFIN20100519_202434_000000392089_00329_42968_0507.N1	19-MAY-2010 20:24:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42968	No
244	GOM_NL__2PRFIN20100519_202631_000000482089_00329_42968_0508.N1	19-MAY-2010 20:26:31	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42968	No
245	GOM_NL__2PRFIN20100519_202939_000000412089_00329_42968_0509.N1	19-MAY-2010 20:29:39	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	42968	No
246	GOM_NL__2PRFIN20100519_203519_000000392089_00329_42968_0510.N1	19-MAY-2010 20:35:19	Bright	38.500	83		2.3780	11000.	77	42968	No
247	GOM_NL__2PRFIN20100519_204652_000000432089_00329_42968_0511.N1	19-MAY-2010 20:46:52	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42968	No
248	GOM_NL__2PRFIN20100519_205748_000000462089_00329_42968_0512.N1	19-MAY-2010 20:57:48	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42968	No
249	GOM_NL__2PRFIN20100519_210142_000000362089_00329_42968_0513.N1	19-MAY-2010 21:01:42	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42968	No
250	GOM_NL__2PRFIN20100519_211107_000000462089_00329_42968_0514.N1	19-MAY-2010 21:11:07	Twilight	45.500	58	21Alp And	2.0730	11000.	91	42968	No
251	GOM_NL__2PRFIN20100519_211524_000000462089_00329_42968_0515.N1	19-MAY-2010 21:15:24	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	42968	No
252	GOM_NL__2PRFIN20100519_211716_000000582089_00329_42968_0516.N1	19-MAY-2010 21:17:16	Dark	58.000	90	54Alp Peg	2.4870	11000.	116	42968	No
253	GOM_NL__2PRFIN20100519_213109_000000522089_00329_42968_0517.N1	19-MAY-2010 21:31:09	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	42968	No
254	GOM_NL__2PRFIN20100519_213520_000000582089_00329_42968_0518.N1	19-MAY-2010 21:35:20	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	42968	No
255	GOM_NL__2PRFIN20100519_213655_000000462089_00330_42969_0621.N1	19-MAY-2010 21:36:55	Dark	45.500	31	Alp Gru	1.7340	15200.	91	42969	No
256	GOM_NL__2PRFIN20100519_214224_000000432089_00330_42969_0622.N1	19-MAY-2010 21:42:24	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42969	No
257	GOM_NL__2PRFIN20100519_215031_000000422089_00330_42969_0623.N1	19-MAY-2010 21:50:31	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42969	No
258	GOM_NL__2PRFIN20100519_215205_000000532089_00330_42969_0624.N1	19-MAY-2010 21:52:05	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42969	No
259	GOM_NL__2PRFIN20100519_215357_000000542089_00330_42969_0625.N1	19-MAY-2010 21:53:57	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42969	No
260	GOM_NL__2PRFIN20100519_215608_000000502089_00330_42969_0626.N1	19-MAY-2010 21:56:08	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	42969	No
261	GOM_NL__2PRFIN20100519_215906_000000592089_00330_42969_0627.N1	19-MAY-2010 21:59:06	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	42969	No
262	GOM_NL__2PRFIN20100519_220136_000000442089_00330_42969_0628.N1	19-MAY-2010 22:01:36	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42969	No
263	GOM_NL__2PRFIN20100519_220510_000000382089_00330_42969_0629.N1	19-MAY-2010 22:05:10	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	42969	No
264	GOM_NL__2PRFIN20100519_220707_000000472089_00330_42969_0630.N1	19-MAY-2010 22:07:07	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42969	No
265	GOM_NL__2PRFIN20100519_221014_000000422089_00330_42969_0631.N1	19-MAY-2010 22:10:14	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42969	No
266	GOM_NL__2PRFIN20100519_221554_000000392089_00330_42969_0632.N1	19-MAY-2010 22:15:54	Bright	39.000	83		2.3780	11000.	78	42969	No
267	GOM_NL__2PRFIN20100519_222728_000000432089_00330_42969_0633.N1	19-MAY-2010 22:27:28	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42969	No
268	GOM_NL__2PRFIN20100519_223824_000000472089_00330_42969_0634.N1	19-MAY-2010 22:38:24	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	42969	No
269	GOM_NL__2PRFIN20100519_224218_000000382089_00330_42969_0635.N1	19-MAY-2010 22:42:18	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	42969	No
270	GOM_NL__2PRFIN20100519_225143_000000482089_00330_42969_0636.N1	19-MAY-2010 22:51:43	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42969	No
271	GOM_NL__2PRFIN20100519_225601_000000432089_00330_42969_0637.N1	19-MAY-2010 22:56:01	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	42969	No
272	GOM_NL__2PRFIN20100519_225753_000000602089_00330_42969_0638.N1	19-MAY-2010 22:57:53	Dark	60.000	90	54Alp Peg	2.4870	11000.	120	42969	No
273	GOM_NL__2PRFIN20100519_231146_000000492089_00330_42969_0639.N1	19-MAY-2010 23:11:46	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42969	No
274	GOM_NL__2PRFIN20100519_231557_000000472089_00330_42969_0640.N1	19-MAY-2010 23:15:57	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	42969	No

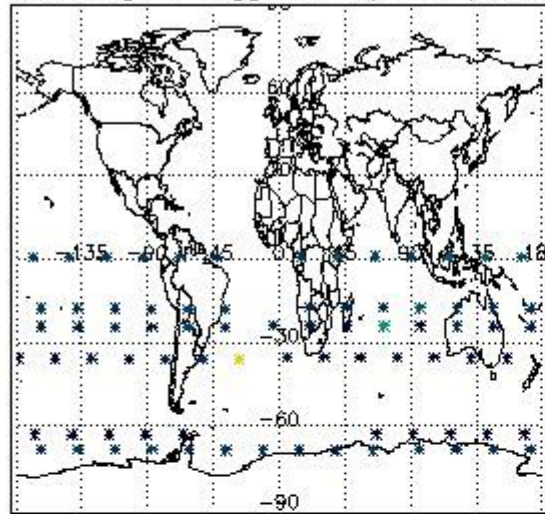
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

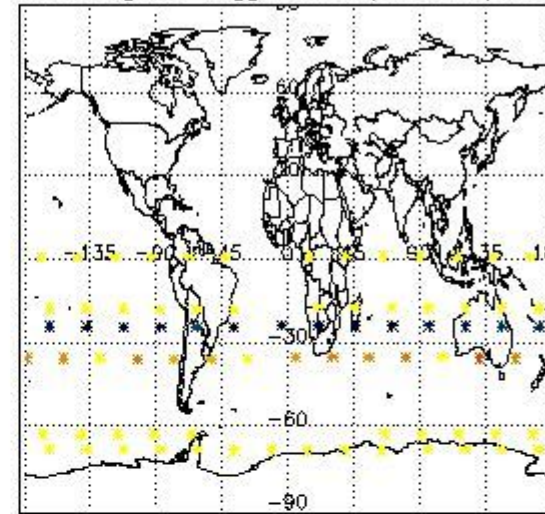


### 3.2 Plot quality information per product (world map)

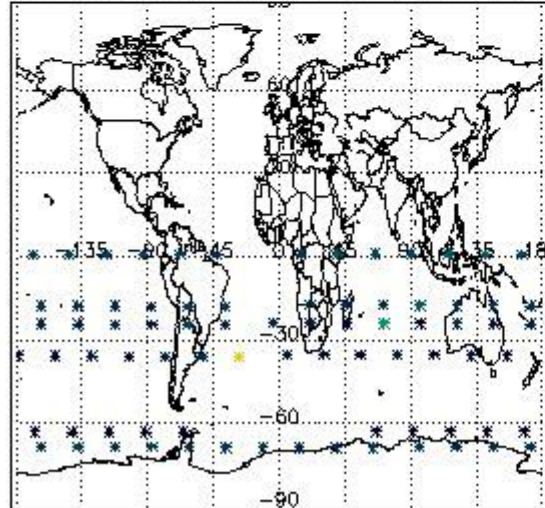
Percentage of flagged data per O3 profile



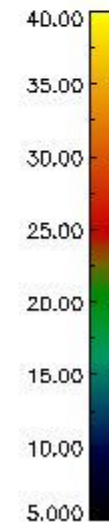
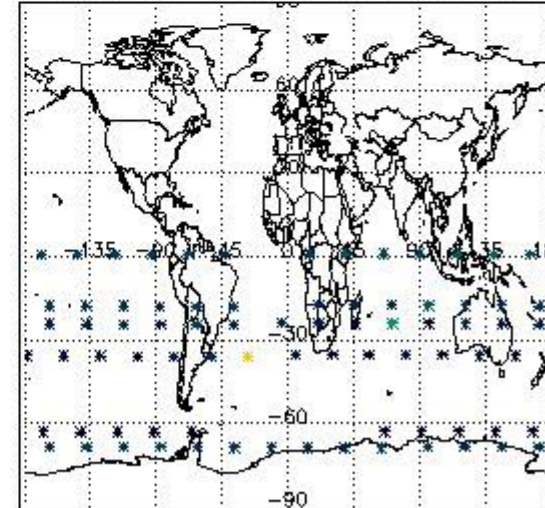
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



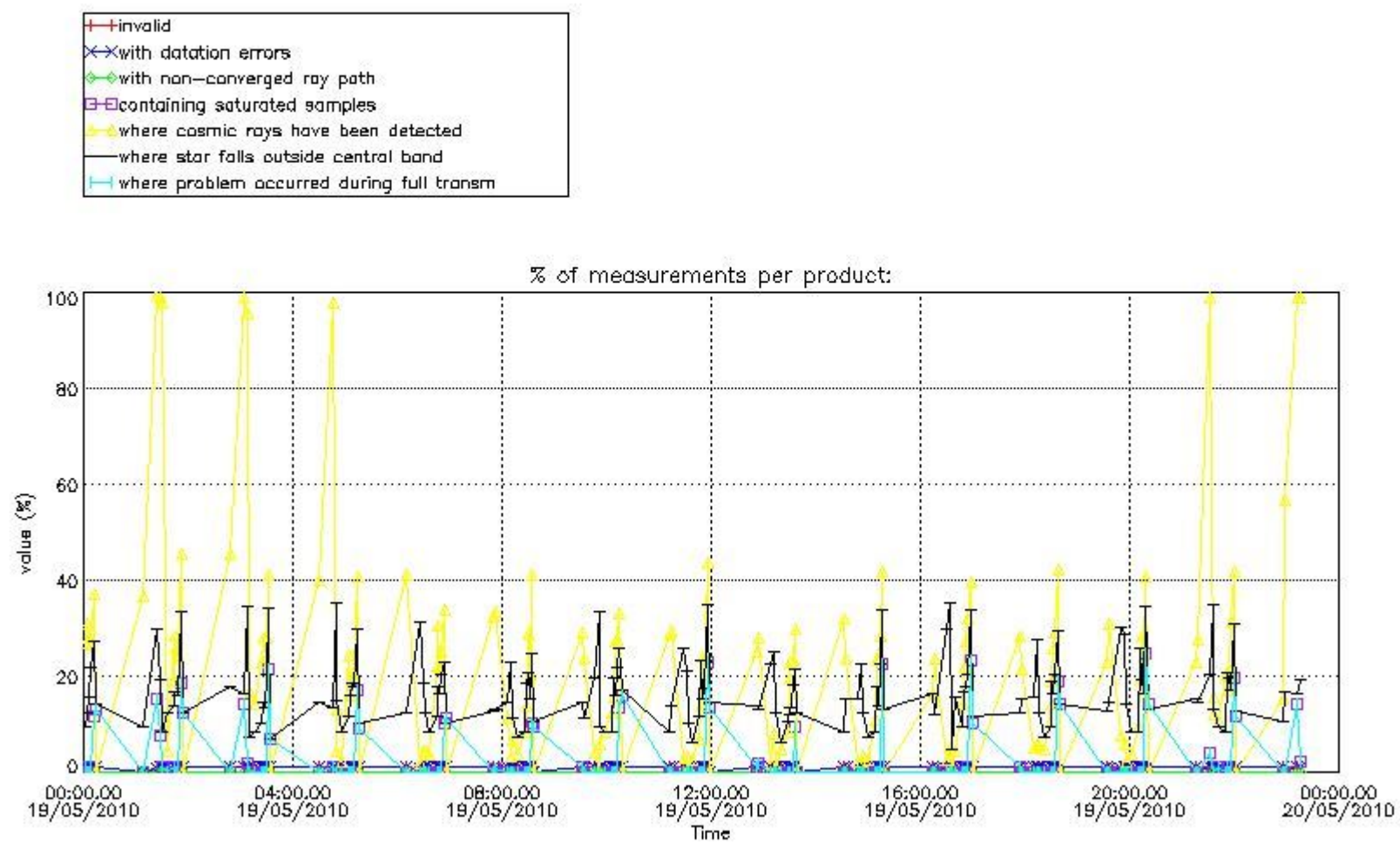
#### 4. Level 1 quality information per product

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

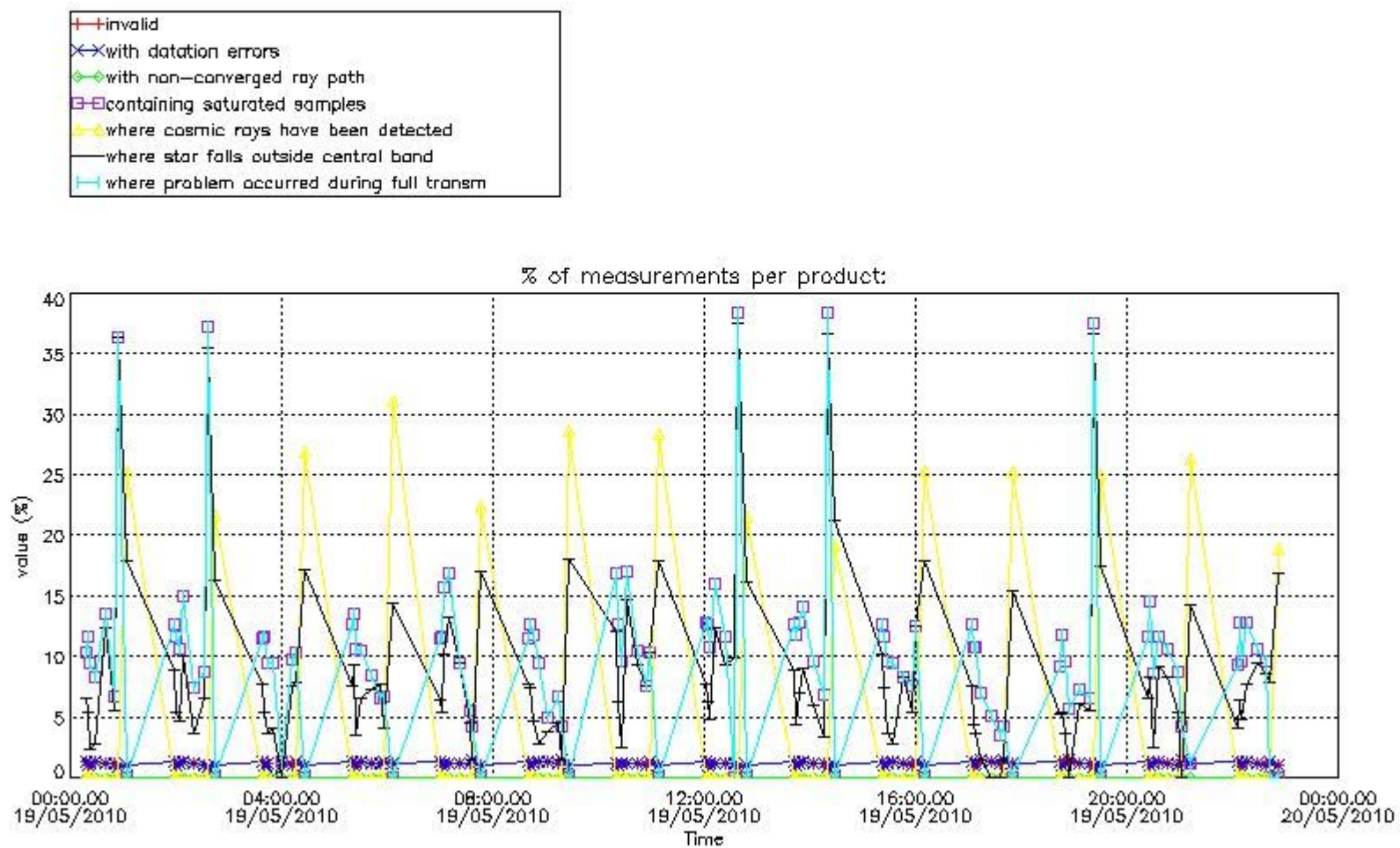
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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

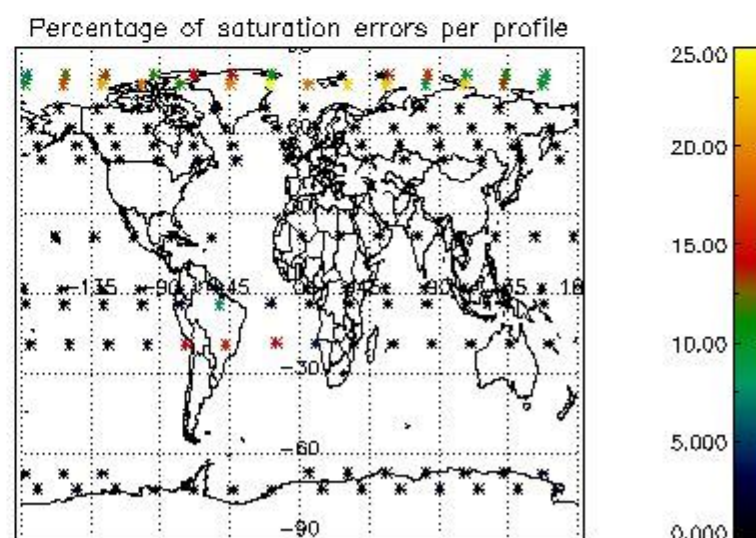
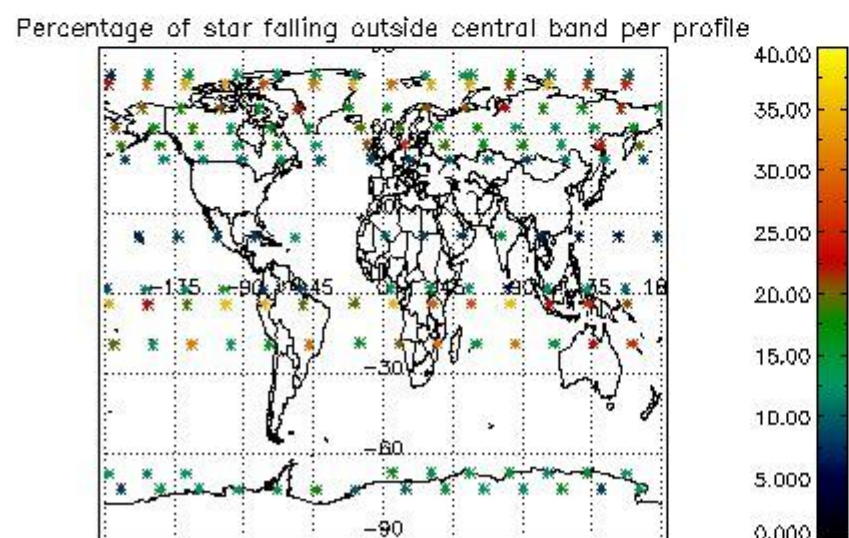
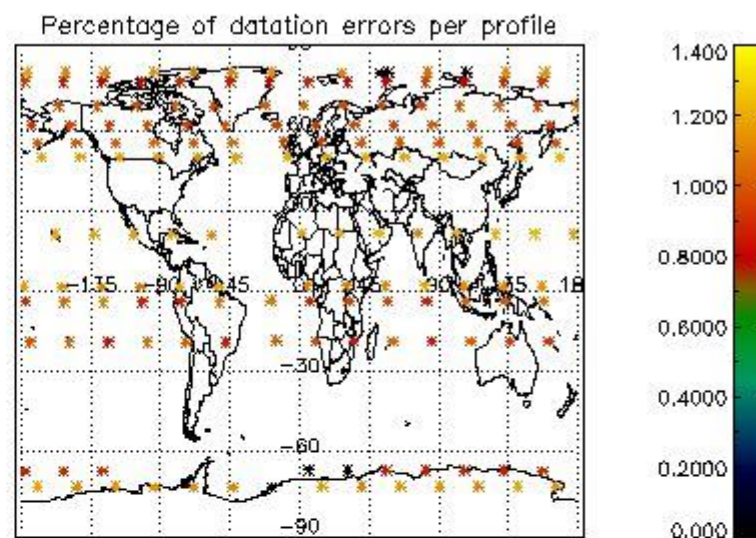
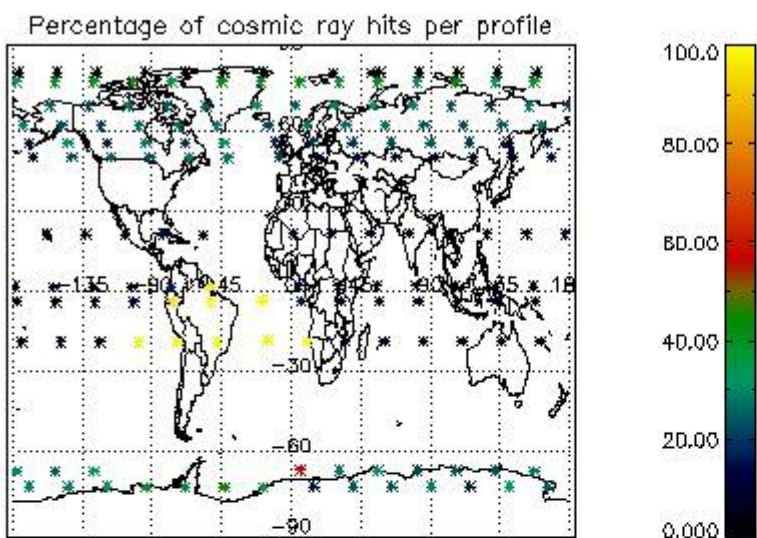




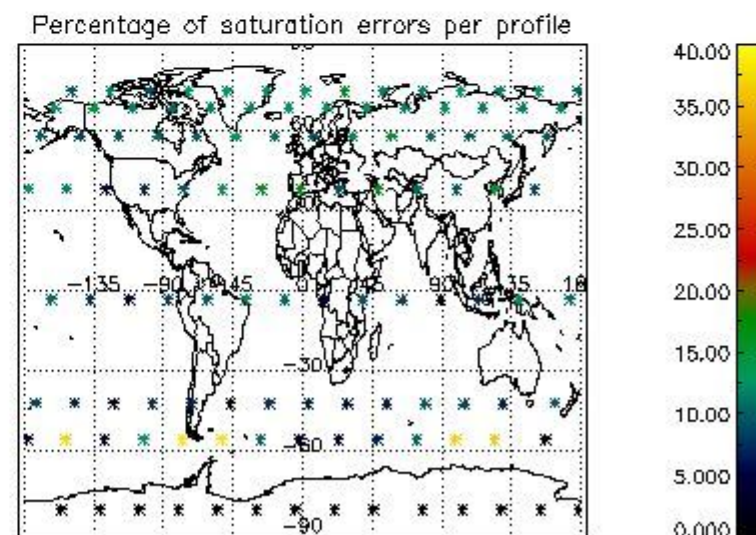
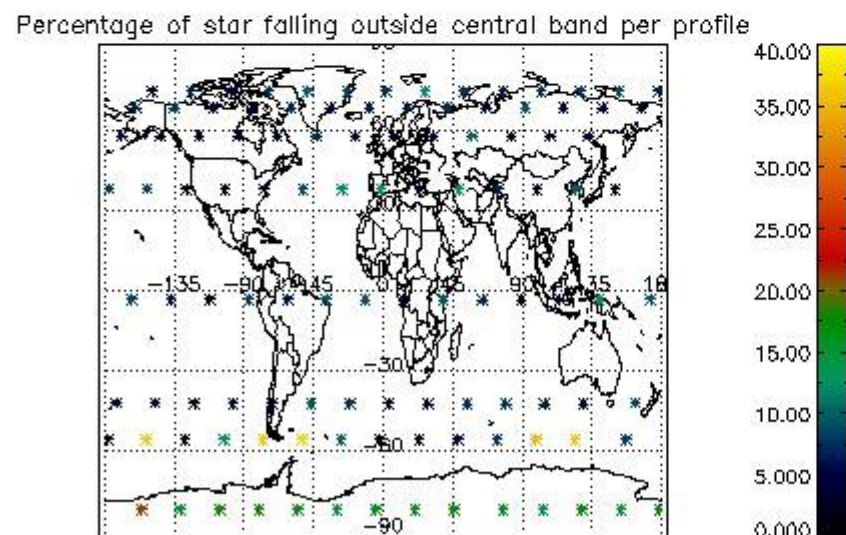
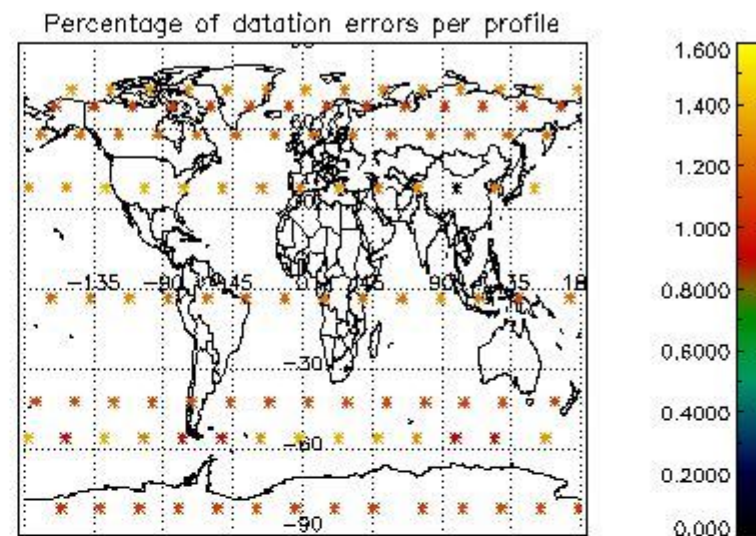
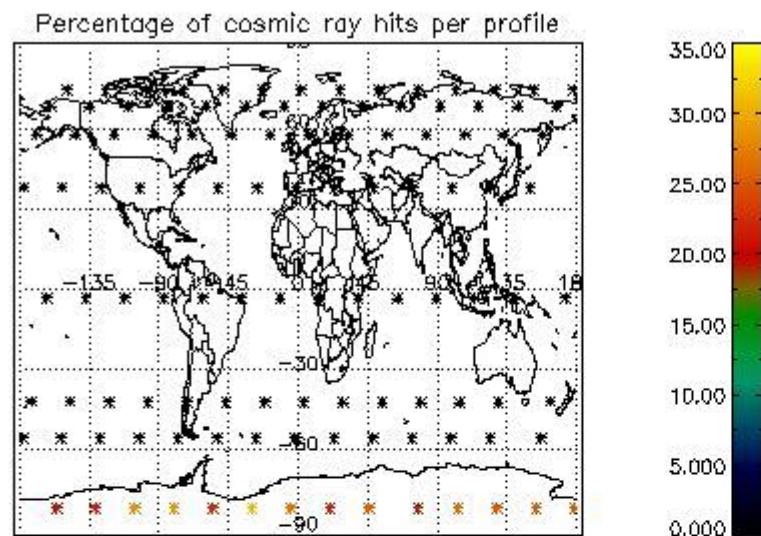
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

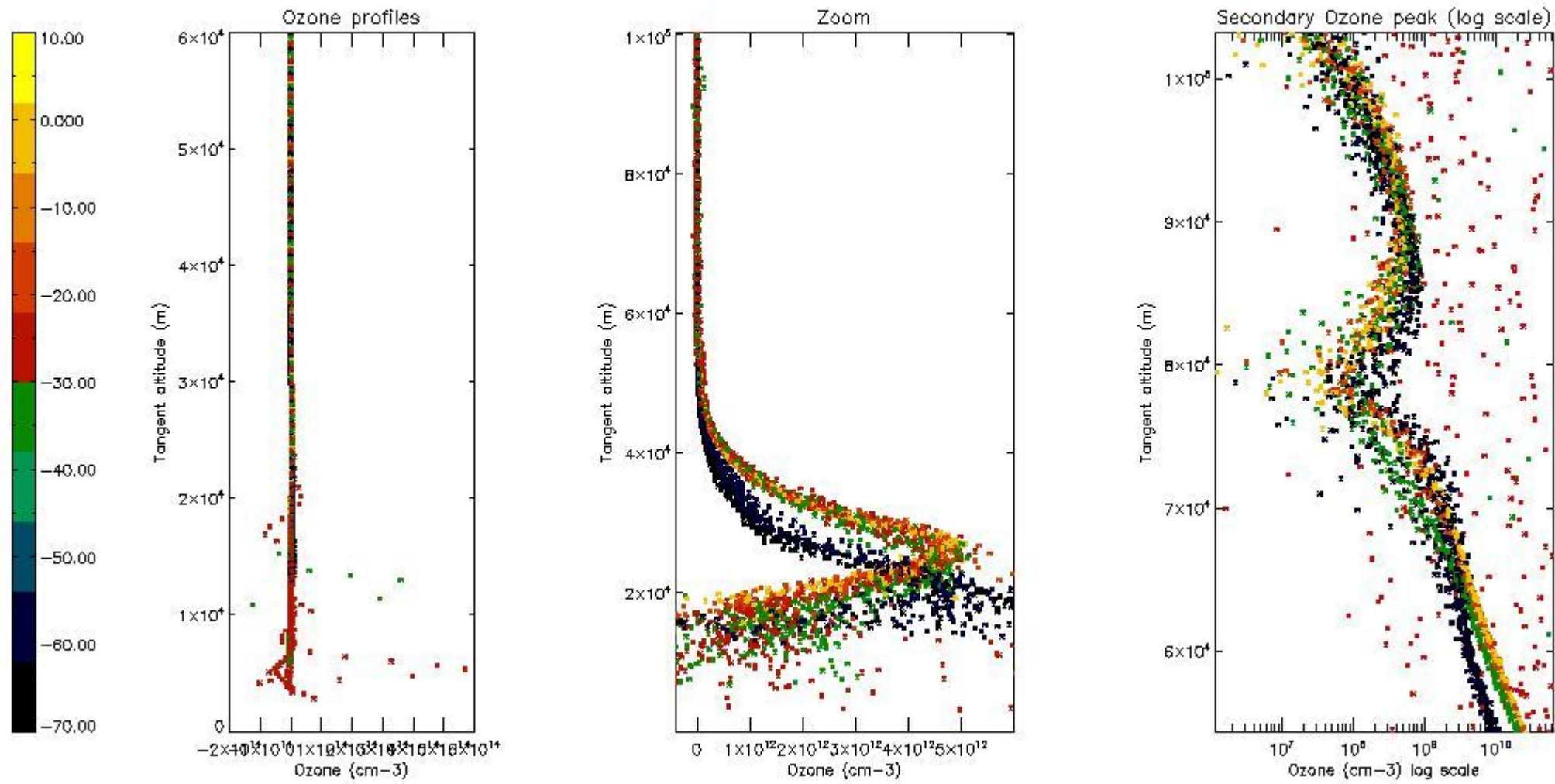
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	17

STD < 10	13
STD < 5	8

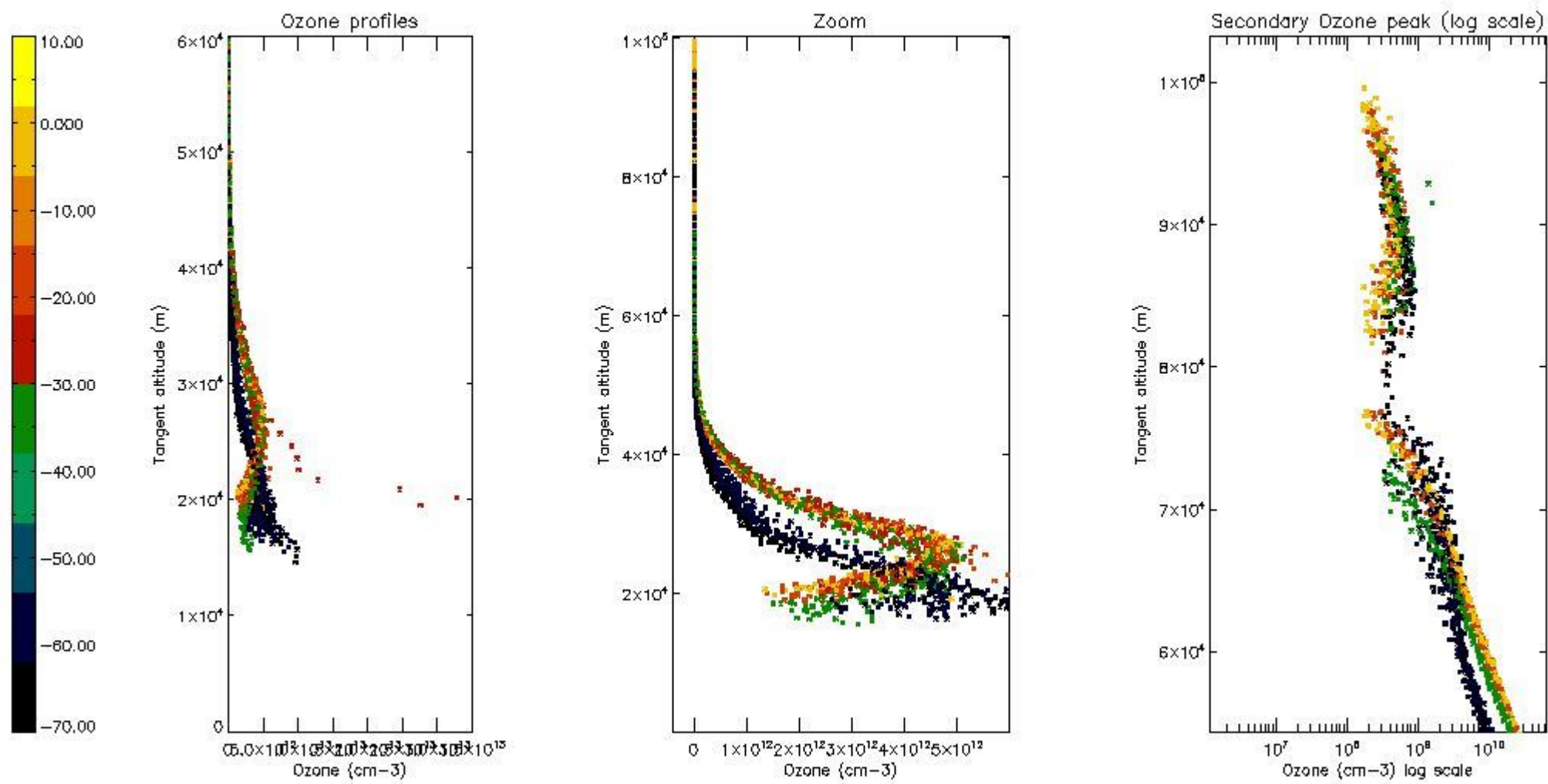
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



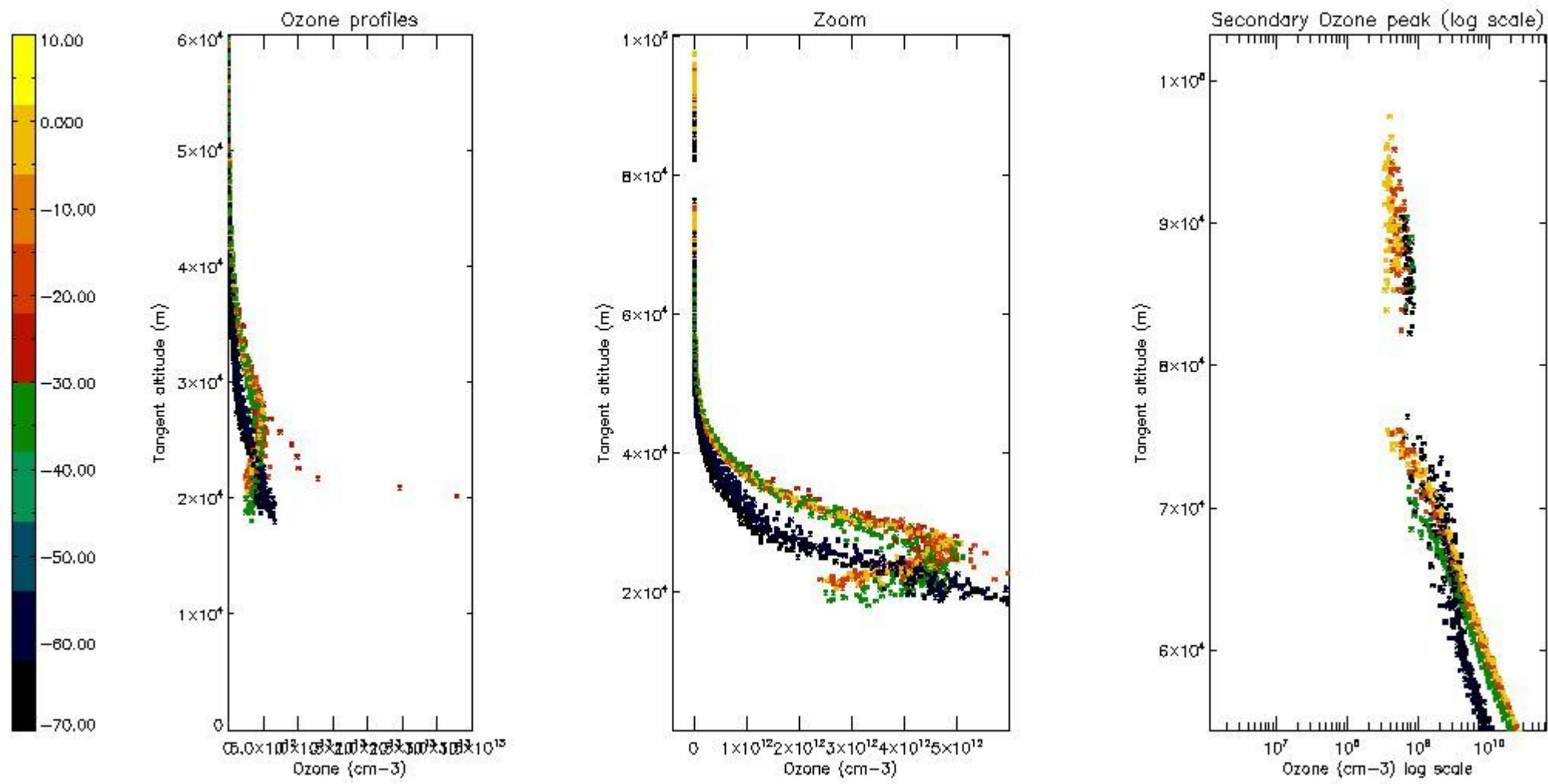
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



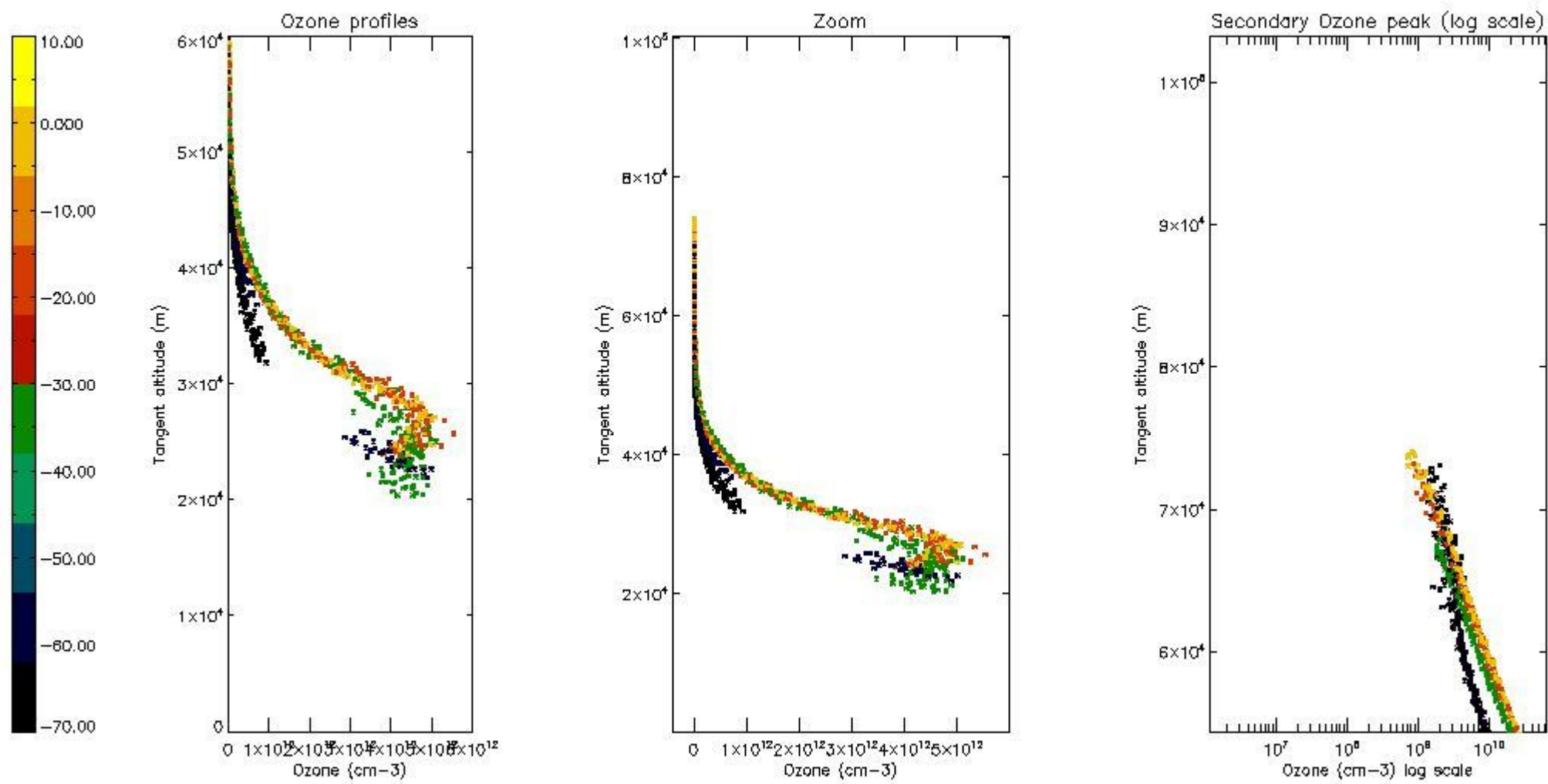
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

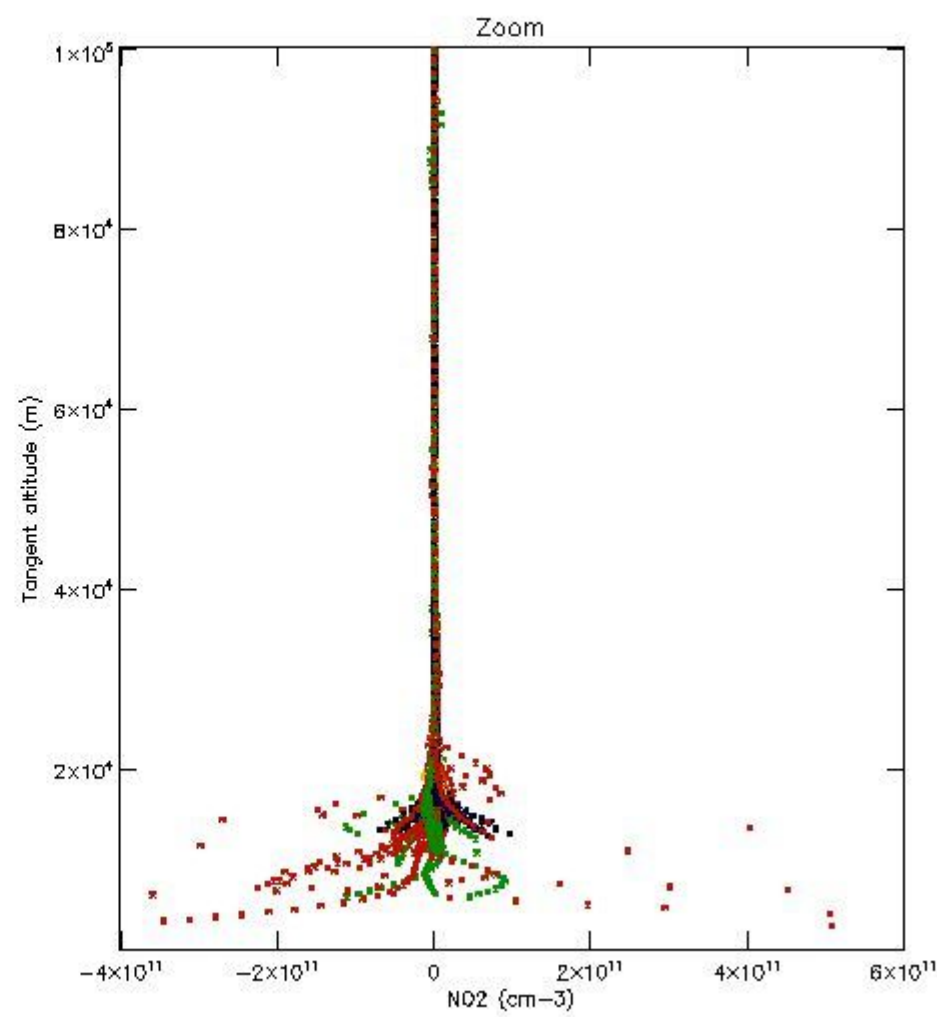
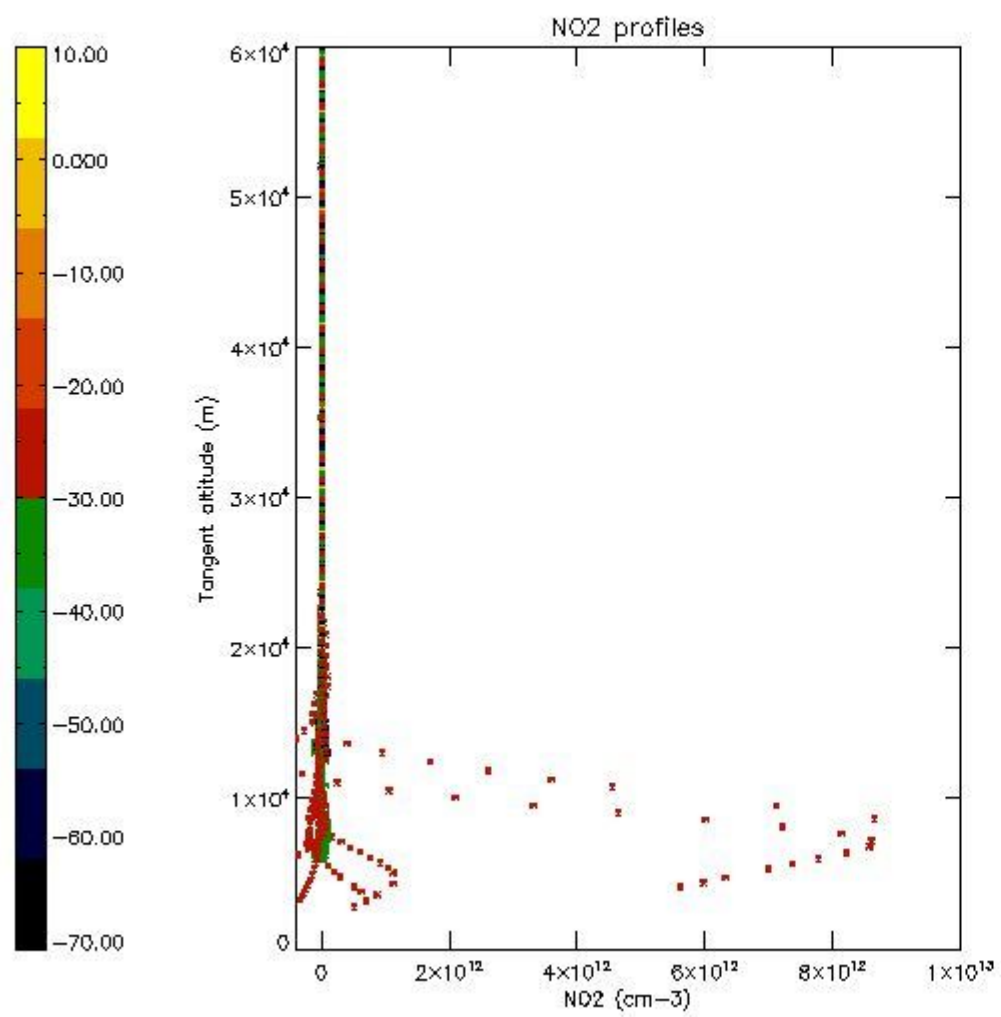
The colorbar represents the latitude.



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

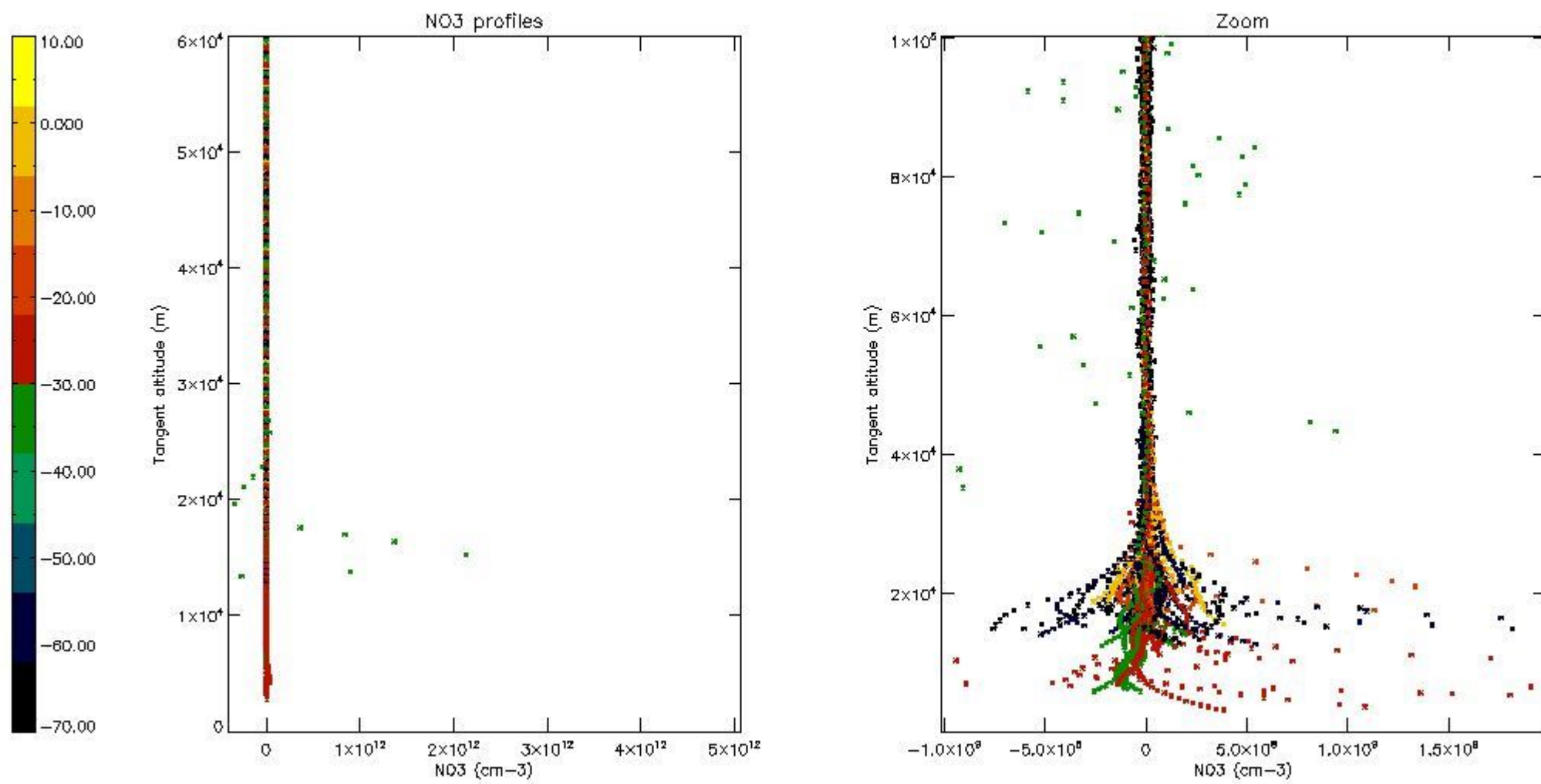
The colorbar represents the latitude.





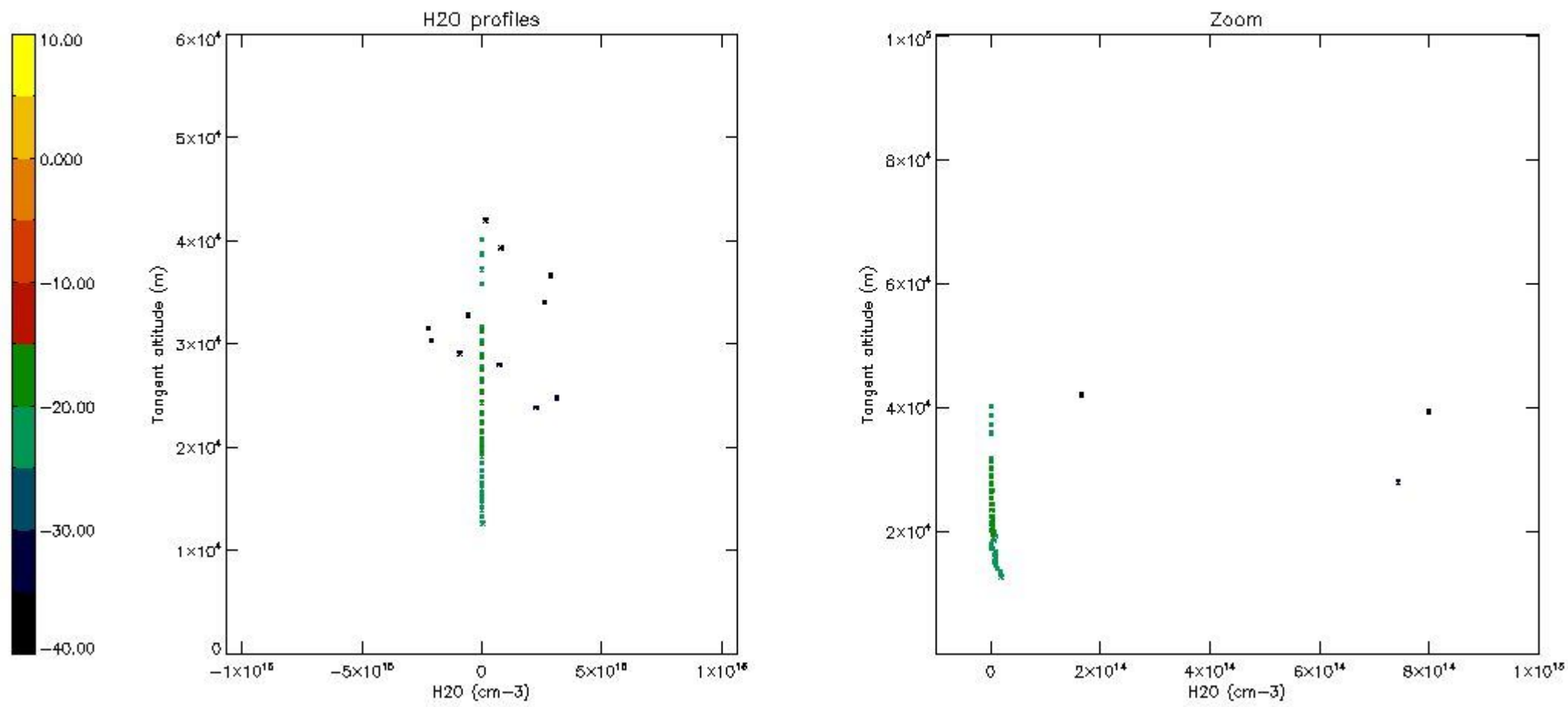
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-MAY-2010 00:02:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-MAY-2010 00:02:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-MAY-2010 00:02:37

# GOMOS Level 2 Daily Report

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#### [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 10:57:50
Data source version	GOMOS/6.01
Start time of products	19-05-2010 (19MAY2010 00:00:00)
Stop time of products	20-05-2010 (20MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	274
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100519_000237_000000432089_00317_42956_0505.N1	19-MAY-2010 00:02:37	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42956	No
2	GOM_NL__2PRFIN20100519_000410_000000492089_00317_42956_0506.N1	19-MAY-2010 00:04:10	Straylight	48.500	40	The Sco	1.8590	7100.0	97	42956	No
3	GOM_NL__2PRFIN20100519_000602_000000522089_00317_42956_0507.N1	19-MAY-2010 00:06:02	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	42956	No
4	GOM_NL__2PRFIN20100519_000815_000000532089_00317_42956_0508.N1	19-MAY-2010 00:08:15	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	42956	No
5	GOM_NL__2PRFIN20100519_001115_000000572089_00317_42956_0509.N1	19-MAY-2010 00:11:15	Twilight	56.500	16	21Alp Sco	1.0200	3000.0	113	42956	No
6	GOM_NL__2PRFIN20100519_001347_000000462089_00317_42956_0510.N1	19-MAY-2010 00:13:47	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42956	No
7	GOM_NL__2PRFIN20100519_001722_000000392089_00317_42956_0511.N1	19-MAY-2010 00:17:22	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42956	No
8	GOM_NL__2PRFIN20100519_001922_000000472089_00317_42956_0512.N1	19-MAY-2010 00:19:22	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42956	No
9	GOM_NL__2PRFIN20100519_002230_000000422089_00317_42956_0513.N1	19-MAY-2010 00:22:30	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42956	No
10	GOM_NL__2PRFIN20100519_002809_000000372089_00317_42956_0514.N1	19-MAY-2010 00:28:09	Bright	36.500	83		2.3780	11000.	73	42956	No
11	GOM_NL__2PRFIN20100519_003946_000000452089_00317_42956_0515.N1	19-MAY-2010 00:39:46	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42956	No
12	GOM_NL__2PRFIN20100519_005043_000000452089_00317_42956_0516.N1	19-MAY-2010 00:50:43	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42956	No
13	GOM_NL__2PRFIN20100519_005431_000000552089_00317_42956_0517.N1	19-MAY-2010 00:54:31	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42956	No
14	GOM_NL__2PRFIN20100519_010354_000000482089_00317_42956_0518.N1	19-MAY-2010 01:03:54	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42956	No
15	GOM_NL__2PRFIN20100519_010809_000000422089_00317_42956_0519.N1	19-MAY-2010 01:08:09	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	42956	No
16	GOM_NL__2PRFIN20100519_012347_000000592089_00317_42956_0520.N1	19-MAY-2010 01:23:47	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	42956	No
17	GOM_NL__2PRFIN20100519_012801_000000472089_00317_42956_0521.N1	19-MAY-2010 01:28:01	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	42956	No
18	GOM_NL__2PRFIN20100519_012934_000000432089_00318_42957_0511.N1	19-MAY-2010 01:29:34	Dark	42.500	31	Alp Gru	1.7340	15200.	85	42957	No
19	GOM_NL__2PRFIN20100519_013504_000000452089_00318_42957_0512.N1	19-MAY-2010 01:35:04	Dark	44.500	45	Alp Pav	1.9400	26000.	89	42957	No
20	GOM_NL__2PRFIN20100519_014313_000000442089_00318_42957_0513.N1	19-MAY-2010 01:43:13	Straylight	44.000	147	Alp Ara	2.8770	26000.	88	42957	No
21	GOM_NL__2PRFIN20100519_014447_000000512089_00318_42957_0514.N1	19-MAY-2010 01:44:47	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42957	No
22	GOM_NL__2PRFIN20100519_014638_000000542089_00318_42957_0515.N1	19-MAY-2010 01:46:38	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42957	No
23	GOM_NL__2PRFIN20100519_014851_000000502089_00318_42957_0516.N1	19-MAY-2010 01:48:51	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	42957	No
24	GOM_NL__2PRFIN20100519_015152_000000622089_00318_42957_0517.N1	19-MAY-2010 01:51:52	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	42957	No
25	GOM_NL__2PRFIN20100519_015423_000000452089_00318_42957_0518.N1	19-MAY-2010 01:54:23	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	42957	No
26	GOM_NL__2PRFIN20100519_015758_000000402089_00318_42957_0519.N1	19-MAY-2010 01:57:58	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42957	No
27	GOM_NL__2PRFIN20100519_015958_000000472089_00318_42957_0520.N1	19-MAY-2010 01:59:58	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42957	No
28	GOM_NL__2PRFIN20100519_020306_000000432089_00318_42957_0521.N1	19-MAY-2010 02:03:06	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42957	No
29	GOM_NL__2PRFIN20100519_020845_000000402089_00318_42957_0522.N1	19-MAY-2010 02:08:45	Bright	40.000	83		2.3780	11000.	80	42957	No
30	GOM_NL__2PRFIN20100519_022022_000000412089_00318_42957_0523.N1	19-MAY-2010 02:20:22	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	42957	No
31	GOM_NL__2PRFIN20100519_023118_000000462089_00318_42957_0524.N1	19-MAY-2010 02:31:18	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42957	No
32	GOM_NL__2PRFIN20100519_023507_000000552089_00318_42957_0525.N1	19-MAY-2010 02:35:07	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42957	No
33	GOM_NL__2PRFIN20100519_024430_000000462089_00318_42957_0526.N1	19-MAY-2010 02:44:30	Twilight	46.000	58	21Alp And	2.0730	11000.	92	42957	No
34	GOM_NL__2PRFIN20100519_024846_000000452089_00318_42957_0527.N1	19-MAY-2010 02:48:46	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42957	No
35	GOM_NL__2PRFIN20100519_030424_000000492089_00318_42957_0528.N1	19-MAY-2010 03:04:24	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42957	No
36	GOM_NL__2PRFIN20100519_030837_000000582089_00318_42957_0529.N1	19-MAY-2010 03:08:37	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42957	No
37	GOM_NL__2PRFIN20100519_031011_000000422089_00319_42958_0530.N1	19-MAY-2010 03:10:11	Dark	42.000	31	Alp Gru	1.7340	15200.	84	42958	No
38	GOM_NL__2PRFIN20100519_031541_000000422089_00319_42958_0523.N1	19-MAY-2010 03:15:41	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42958	No
39	GOM_NL__2PRFIN20100519_032349_000000442089_00319_42958_0524.N1	19-MAY-2010 03:23:49	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	42958	No
40	GOM_NL__2PRFIN20100519_032523_000000492089_00319_42958_0525.N1	19-MAY-2010 03:25:23	Straylight	48.500	40	The Sco	1.8590	7100.0	97	42958	No
41	GOM_NL__2PRFIN20100519_032715_000000522089_00319_42958_0526.N1	19-MAY-2010 03:27:15	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	42958	No
42	GOM_NL__2PRFIN20100519_032928_000000522089_00319_42958_0527.N1	19-MAY-2010 03:29:28	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	42958	No

43	GOM_NL__2PRFIN20100519_033228_000000632089_00319_42958_0528.N1	19-MAY-2010 03:32:28	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	42958	No
44	GOM_NL__2PRFIN20100519_033459_000000432089_00319_42958_0529.N1	19-MAY-2010 03:34:59	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	42958	No
45	GOM_NL__2PRFIN20100519_033834_000000392089_00319_42958_0530.N1	19-MAY-2010 03:38:34	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42958	No
46	GOM_NL__2PRFIN20100519_034034_000000472089_00319_42958_0531.N1	19-MAY-2010 03:40:34	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42958	No
47	GOM_NL__2PRFIN20100519_034341_000000422089_00319_42958_0532.N1	19-MAY-2010 03:43:41	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42958	No
48	GOM_NL__2PRFIN20100519_034921_000000372089_00319_42958_0533.N1	19-MAY-2010 03:49:21	Bright	37.000	83		2.3780	11000.	74	42958	No
49	GOM_NL__2PRFIN20100519_040058_000000382089_00319_42958_0534.N1	19-MAY-2010 04:00:58	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	42958	No
50	GOM_NL__2PRFIN20100519_041154_000000472089_00319_42958_0535.N1	19-MAY-2010 04:11:54	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42958	No
51	GOM_NL__2PRFIN20100519_041543_000000392089_00319_42958_0536.N1	19-MAY-2010 04:15:43	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42958	No
52	GOM_NL__2PRFIN20100519_042506_000000472089_00319_42958_0537.N1	19-MAY-2010 04:25:06	Twilight	46.500	58	21Alp And	2.0730	11000.	93	42958	No
53	GOM_NL__2PRFIN20100519_042922_000000452089_00319_42958_0538.N1	19-MAY-2010 04:29:22	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42958	No
54	GOM_NL__2PRFIN20100519_044501_000000482089_00319_42958_0539.N1	19-MAY-2010 04:45:01	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	42958	No
55	GOM_NL__2PRFIN20100519_044914_000000582089_00319_42958_0540.N1	19-MAY-2010 04:49:14	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42958	No
56	GOM_NL__2PRFIN20100519_045047_000000472089_00320_42959_0427.N1	19-MAY-2010 04:50:47	Dark	46.500	31	Alp Gru	1.7340	15200.	93	42959	No
57	GOM_NL__2PRFIN20100519_045618_000000432089_00320_42959_0428.N1	19-MAY-2010 04:56:18	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42959	No
58	GOM_NL__2PRFIN20100519_050426_000000432089_00320_42959_0429.N1	19-MAY-2010 05:04:26	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42959	No
59	GOM_NL__2PRFIN20100519_050600_000000502089_00320_42959_0430.N1	19-MAY-2010 05:06:00	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42959	No
60	GOM_NL__2PRFIN20100519_050751_000000542089_00320_42959_0431.N1	19-MAY-2010 05:07:51	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	42959	No
61	GOM_NL__2PRFIN20100519_051004_000000512089_00320_42959_0432.N1	19-MAY-2010 05:10:04	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	42959	No
62	GOM_NL__2PRFIN20100519_051304_000000592089_00320_42959_0433.N1	19-MAY-2010 05:13:04	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	42959	No
63	GOM_NL__2PRFIN20100519_051535_000000442089_00320_42959_0434.N1	19-MAY-2010 05:15:35	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42959	No
64	GOM_NL__2PRFIN20100519_051910_000000402089_00320_42959_0435.N1	19-MAY-2010 05:19:10	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42959	No
65	GOM_NL__2PRFIN20100519_052109_000000482089_00320_42959_0436.N1	19-MAY-2010 05:21:09	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42959	No
66	GOM_NL__2PRFIN20100519_052417_000000432089_00320_42959_0437.N1	19-MAY-2010 05:24:17	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42959	No
67	GOM_NL__2PRFIN20100519_052956_000000382089_00320_42959_0438.N1	19-MAY-2010 05:29:56	Bright	38.000	83		2.3780	11000.	76	42959	No
68	GOM_NL__2PRFIN20100519_054133_000000422089_00320_42959_0439.N1	19-MAY-2010 05:41:33	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42959	No
69	GOM_NL__2PRFIN20100519_055229_000000462089_00320_42959_0440.N1	19-MAY-2010 05:52:29	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42959	No
70	GOM_NL__2PRFIN20100519_055619_000000372089_00320_42959_0441.N1	19-MAY-2010 05:56:19	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	42959	No
71	GOM_NL__2PRFIN20100519_060542_000000452089_00320_42959_0442.N1	19-MAY-2010 06:05:42	Twilight	45.000	58	21Alp And	2.0730	11000.	90	42959	No
72	GOM_NL__2PRFIN20100519_060958_000000442089_00320_42959_0443.N1	19-MAY-2010 06:09:58	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42959	No
73	GOM_NL__2PRFIN20100519_062537_000000602089_00320_42959_0444.N1	19-MAY-2010 06:25:37	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	42959	No
74	GOM_NL__2PRFIN20100519_062951_000000462089_00320_42959_0445.N1	19-MAY-2010 06:29:51	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	42959	No
75	GOM_NL__2PRFIN20100519_063124_000000452089_00321_42960_0435.N1	19-MAY-2010 06:31:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42960	No
76	GOM_NL__2PRFIN20100519_063654_000000432089_00321_42960_0436.N1	19-MAY-2010 06:36:54	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42960	No
77	GOM_NL__2PRFIN20100519_064503_000000432089_00321_42960_0437.N1	19-MAY-2010 06:45:03	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42960	No
78	GOM_NL__2PRFIN20100519_064636_000000512089_00321_42960_0438.N1	19-MAY-2010 06:46:36	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42960	No
79	GOM_NL__2PRFIN20100519_064828_000000532089_00321_42960_0439.N1	19-MAY-2010 06:48:28	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42960	No
80	GOM_NL__2PRFIN20100519_065041_000000522089_00321_42960_0440.N1	19-MAY-2010 06:50:41	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	42960	No
81	GOM_NL__2PRFIN20100519_065340_000000552089_00321_42960_0441.N1	19-MAY-2010 06:53:40	Twilight	54.500	16	21Alp Sco	1.0200	3000.0	109	42960	No
82	GOM_NL__2PRFIN20100519_065611_000000442089_00321_42960_0442.N1	19-MAY-2010 06:56:11	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	42960	No
83	GOM_NL__2PRFIN20100519_065946_000000392089_00321_42960_0443.N1	19-MAY-2010 06:59:46	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42960	No
84	GOM_NL__2PRFIN20100519_070145_000000472089_00321_42960_0444.N1	19-MAY-2010 07:01:45	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42960	No
85	GOM_NL__2PRFIN20100519_070453_000000452089_00321_42960_0445.N1	19-MAY-2010 07:04:53	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	42960	No
86	GOM_NL__2PRFIN20100519_071032_000000422089_00321_42960_0446.N1	19-MAY-2010 07:10:32	Bright	41.500	83		2.3780	11000.	83	42960	No
87	GOM_NL__2PRFIN20100519_072209_000000422089_00321_42960_0447.N1	19-MAY-2010 07:22:09	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42960	No
88	GOM_NL__2PRFIN20100519_073305_000000452089_00321_42960_0448.N1	19-MAY-2010 07:33:05	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42960	No
89	GOM_NL__2PRFIN20100519_073655_000000362089_00321_42960_0449.N1	19-MAY-2010 07:36:55	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42960	No
90	GOM_NL__2PRFIN20100519_074618_000000472089_00321_42960_0450.N1	19-MAY-2010 07:46:18	Twilight	47.000	58	21Alp And	2.0730	11000.	94	42960	No
91	GOM_NL__2PRFIN20100519_075034_000000442089_00321_42960_0451.N1	19-MAY-2010 07:50:34	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42960	No
92	GOM_NL__2PRFIN20100519_075224_000000572089_00321_42960_0452.N1	19-MAY-2010 07:52:24	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	42960	No
93	GOM_NL__2PRFIN20100519_080614_000000492089_00321_42960_0453.N1	19-MAY-2010 08:06:14	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42960	No
94	GOM_NL__2PRFIN20100519_081027_000000482089_00321_42960_0454.N1	19-MAY-2010 08:10:27	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	42960	No
95	GOM_NL__2PRFIN20100519_081201_000000442089_00322_42961_0443.N1	19-MAY-2010 08:12:01	Dark	44.000	31	Alp Gru	1.7340	15200.	88	42961	No
96	GOM_NL__2PRFIN20100519_081732_000000422089_00322_42961_0444.N1	19-MAY-2010 08:17:32	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42961	No
97	GOM_NL__2PRFIN20100519_082539_000000422089_00322_42961_0445.N1	19-MAY-2010 08:25:39	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42961	No
98	GOM_NL__2PRFIN20100519_082713_000000512089_00322_42961_0446.N1	19-MAY-2010 08:27:13	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42961	No
99	GOM_NL__2PRFIN20100519_082905_000000562089_00322_42961_0447.N1	19-MAY-2010 08:29:05	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42961	No
100	GOM_NL__2PRFIN20100519_083117_000000492089_00322_42961_0448.N1	19-MAY-2010 08:31:17	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	42961	No
101	GOM_NL__2PRFIN20100519_083416_000000552089_00322_42961_0449.N1	19-MAY-2010 08:34:16	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	42961	No

102	GOM_NL__2PRFIN20100519_083647_000000432089_00322_42961_0450.N1	19-MAY-2010 08:36:47	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	42961	No
103	GOM_NL__2PRFIN20100519_084022_000000392089_00322_42961_0451.N1	19-MAY-2010 08:40:22	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42961	No
104	GOM_NL__2PRFIN20100519_084221_000000482089_00322_42961_0452.N1	19-MAY-2010 08:42:21	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42961	No
105	GOM_NL__2PRFIN20100519_084529_000000432089_00322_42961_0453.N1	19-MAY-2010 08:45:29	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42961	No
106	GOM_NL__2PRFIN20100519_085108_000000372089_00322_42961_0454.N1	19-MAY-2010 08:51:08	Bright	37.000	83		2.3780	11000.	74	42961	No
107	GOM_NL__2PRFIN20100519_090244_000000402089_00322_42961_0455.N1	19-MAY-2010 09:02:44	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	42961	No
108	GOM_NL__2PRFIN20100519_091340_000000452089_00322_42961_0456.N1	19-MAY-2010 09:13:40	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42961	No
109	GOM_NL__2PRFIN20100519_091731_000000362089_00322_42961_0457.N1	19-MAY-2010 09:17:31	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42961	No
110	GOM_NL__2PRFIN20100519_092655_000000472089_00322_42961_0458.N1	19-MAY-2010 09:26:55	Twilight	47.000	58	21Alp And	2.0730	11000.	94	42961	No
111	GOM_NL__2PRFIN20100519_093111_000000452089_00322_42961_0459.N1	19-MAY-2010 09:31:11	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	42961	No
112	GOM_NL__2PRFIN20100519_093301_000000572089_00322_42961_0460.N1	19-MAY-2010 09:33:01	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	42961	No
113	GOM_NL__2PRFIN20100519_094651_000000512089_00322_42961_0461.N1	19-MAY-2010 09:46:51	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	42961	No
114	GOM_NL__2PRFIN20100519_095104_000000572089_00322_42961_0462.N1	19-MAY-2010 09:51:04	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	42961	No
115	GOM_NL__2PRFIN20100519_095238_000000432089_00323_42962_0451.N1	19-MAY-2010 09:52:38	Dark	43.000	31	Alp Gru	1.7340	15200.	86	42962	No
116	GOM_NL__2PRFIN20100519_095808_000000432089_00323_42962_0452.N1	19-MAY-2010 09:58:08	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42962	No
117	GOM_NL__2PRFIN20100519_100615_000000412089_00323_42962_0453.N1	19-MAY-2010 10:06:15	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	42962	No
118	GOM_NL__2PRFIN20100519_100749_000000512089_00323_42962_0454.N1	19-MAY-2010 10:07:49	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42962	No
119	GOM_NL__2PRFIN20100519_100941_000000532089_00323_42962_0455.N1	19-MAY-2010 10:09:41	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42962	No
120	GOM_NL__2PRFIN20100519_101154_000000532089_00323_42962_0456.N1	19-MAY-2010 10:11:54	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	42962	No
121	GOM_NL__2PRFIN20100519_101453_000000562089_00323_42962_0457.N1	19-MAY-2010 10:14:53	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	42962	No
122	GOM_NL__2PRFIN20100519_101723_000000472089_00323_42962_0458.N1	19-MAY-2010 10:17:23	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	42962	No
123	GOM_NL__2PRFIN20100519_102058_000000422089_00323_42962_0459.N1	19-MAY-2010 10:20:58	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42962	No
124	GOM_NL__2PRFIN20100519_102257_000000482089_00323_42962_0460.N1	19-MAY-2010 10:22:57	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42962	No
125	GOM_NL__2PRFIN20100519_102604_000000422089_00323_42962_0461.N1	19-MAY-2010 10:26:04	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42962	No
126	GOM_NL__2PRFIN20100519_103144_000000412089_00323_42962_0462.N1	19-MAY-2010 10:31:44	Bright	41.000	83		2.3780	11000.	82	42962	No
127	GOM_NL__2PRFIN20100519_104319_000000432089_00323_42962_0463.N1	19-MAY-2010 10:43:19	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42962	No
128	GOM_NL__2PRFIN20100519_105416_000000462089_00323_42962_0464.N1	19-MAY-2010 10:54:16	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42962	No
129	GOM_NL__2PRFIN20100519_105807_000000392089_00323_42962_0465.N1	19-MAY-2010 10:58:07	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	42962	No
130	GOM_NL__2PRFIN20100519_110731_000000482089_00323_42962_0466.N1	19-MAY-2010 11:07:31	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42962	No
131	GOM_NL__2PRFIN20100519_111147_000000422089_00323_42962_0467.N1	19-MAY-2010 11:11:47	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	42962	No
132	GOM_NL__2PRFIN20100519_111337_000000582089_00323_42962_0468.N1	19-MAY-2010 11:13:37	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	42962	No
133	GOM_NL__2PRFIN20100519_112728_000000552089_00323_42962_0469.N1	19-MAY-2010 11:27:28	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	42962	No
134	GOM_NL__2PRFIN20100519_113141_000000482089_00323_42962_0470.N1	19-MAY-2010 11:31:41	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	42962	No
135	GOM_NL__2PRFIN20100519_113315_000000442089_00324_42963_0459.N1	19-MAY-2010 11:33:15	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42963	No
136	GOM_NL__2PRFIN20100519_113845_000000412089_00324_42963_0460.N1	19-MAY-2010 11:38:45	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42963	No
137	GOM_NL__2PRFIN20100519_114652_000000442089_00324_42963_0461.N1	19-MAY-2010 11:46:52	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	42963	No
138	GOM_NL__2PRFIN20100519_114826_000000542089_00324_42963_0462.N1	19-MAY-2010 11:48:26	Straylight	54.000	40	The Sco	1.8590	7100.0	108	42963	No
139	GOM_NL__2PRFIN20100519_115018_000000522089_00324_42963_0463.N1	19-MAY-2010 11:50:18	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	42963	No
140	GOM_NL__2PRFIN20100519_115230_000000492089_00324_42963_0464.N1	19-MAY-2010 11:52:30	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	42963	No
141	GOM_NL__2PRFIN20100519_115529_000000632089_00324_42963_0465.N1	19-MAY-2010 11:55:29	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	42963	No
142	GOM_NL__2PRFIN20100519_115759_000000452089_00324_42963_0466.N1	19-MAY-2010 11:57:59	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	42963	No
143	GOM_NL__2PRFIN20100519_120134_000000392089_00324_42963_0467.N1	19-MAY-2010 12:01:34	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42963	No
144	GOM_NL__2PRFIN20100519_120332_000000482089_00324_42963_0468.N1	19-MAY-2010 12:03:32	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42963	No
145	GOM_NL__2PRFIN20100519_120640_000000422089_00324_42963_0469.N1	19-MAY-2010 12:06:40	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42963	No
146	GOM_NL__2PRFIN20100519_121220_000000412089_00324_42963_0470.N1	19-MAY-2010 12:12:20	Bright	40.500	83		2.3780	11000.	81	42963	No
147	GOM_NL__2PRFIN20100519_122355_000000432089_00324_42963_0471.N1	19-MAY-2010 12:23:55	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42963	No
148	GOM_NL__2PRFIN20100519_123451_000000462089_00324_42963_0472.N1	19-MAY-2010 12:34:51	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42963	No
149	GOM_NL__2PRFIN20100519_123842_000000562089_00324_42963_0473.N1	19-MAY-2010 12:38:42	Bright	56.000	74	11Bet Cas	2.2680	6600.0	112	42963	No
150	GOM_NL__2PRFIN20100519_124807_000000472089_00324_42963_0474.N1	19-MAY-2010 12:48:07	Twilight	46.500	58	21Alp And	2.0730	11000.	93	42963	No
151	GOM_NL__2PRFIN20100519_125223_000000442089_00324_42963_0475.N1	19-MAY-2010 12:52:23	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42963	No
152	GOM_NL__2PRFIN20100519_125414_000000572089_00324_42963_0476.N1	19-MAY-2010 12:54:14	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	42963	No
153	GOM_NL__2PRFIN20100519_130805_000000532089_00324_42963_0477.N1	19-MAY-2010 13:08:05	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	42963	No
154	GOM_NL__2PRFIN20100519_131217_000000502089_00324_42963_0478.N1	19-MAY-2010 13:12:17	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	42963	No
155	GOM_NL__2PRFIN20100519_131351_000000452089_00325_42964_0467.N1	19-MAY-2010 13:13:51	Dark	44.500	31	Alp Gru	1.7340	15200.	89	42964	No
156	GOM_NL__2PRFIN20100519_131921_000000412089_00325_42964_0468.N1	19-MAY-2010 13:19:21	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42964	No
157	GOM_NL__2PRFIN20100519_132728_000000432089_00325_42964_0469.N1	19-MAY-2010 13:27:28	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42964	No
158	GOM_NL__2PRFIN20100519_132902_000000482089_00325_42964_0470.N1	19-MAY-2010 13:29:02	Straylight	48.000	40	The Sco	1.8590	7100.0	96	42964	No
159	GOM_NL__2PRFIN20100519_133054_000000502089_00325_42964_0471.N1	19-MAY-2010 13:30:54	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	42964	No
160	GOM_NL__2PRFIN20100519_133306_000000502089_00325_42964_0472.N1	19-MAY-2010 13:33:06	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	42964	No

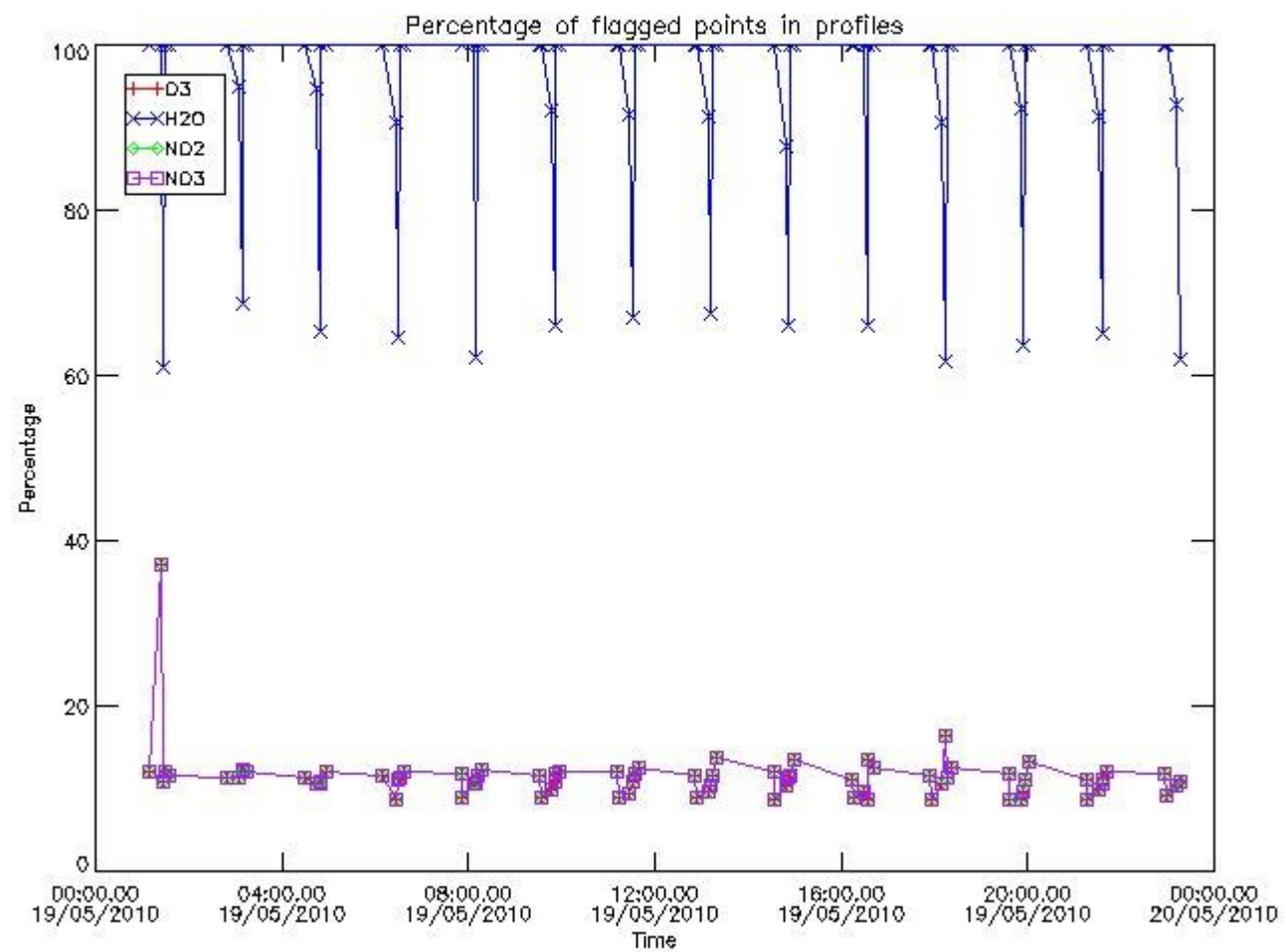
161	GOM_NL__2PRFIN20100519_133605_000000542089_00325_42964_0473.N1	19-MAY-2010 13:36:05	Twilight	53.500	16	21Alp Sco	1.0200	3000.0	107	42964	No
162	GOM_NL__2PRFIN20100519_133744_000000442089_00325_42964_0474.N1	19-MAY-2010 13:37:44	Bright	44.000	80	7Del Sco	2.3160	30000.	88	42964	No
163	GOM_NL__2PRFIN20100519_134210_000000402089_00325_42964_0475.N1	19-MAY-2010 13:42:10	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42964	No
164	GOM_NL__2PRFIN20100519_134408_000000472089_00325_42964_0476.N1	19-MAY-2010 13:44:08	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	42964	No
165	GOM_NL__2PRFIN20100519_134716_000000432089_00325_42964_0477.N1	19-MAY-2010 13:47:16	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	42964	No
166	GOM_NL__2PRFIN20100519_135256_000000392089_00325_42964_0478.N1	19-MAY-2010 13:52:56	Bright	39.000	83		2.3780	11000.	78	42964	No
167	GOM_NL__2PRFIN20100519_140430_000000422089_00325_42964_0479.N1	19-MAY-2010 14:04:30	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42964	No
168	GOM_NL__2PRFIN20100519_141527_000000442089_00325_42964_0480.N1	19-MAY-2010 14:15:27	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42964	No
169	GOM_NL__2PRFIN20100519_141918_000000562089_00325_42964_0481.N1	19-MAY-2010 14:19:18	Bright	56.000	74	11Bet Cas	2.2680	6600.0	112	42964	No
170	GOM_NL__2PRFIN20100519_142843_000000502089_00325_42964_0482.N1	19-MAY-2010 14:28:43	Twilight	49.500	58	21Alp And	2.0730	11000.	99	42964	No
171	GOM_NL__2PRFIN20100519_143259_000000422089_00325_42964_0483.N1	19-MAY-2010 14:32:59	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	42964	No
172	GOM_NL__2PRFIN20100519_143450_000000592089_00325_42964_0484.N1	19-MAY-2010 14:34:50	Dark	59.000	90	54Alp Peg	2.4870	11000.	118	42964	No
173	GOM_NL__2PRFIN20100519_144841_000000492089_00325_42964_0485.N1	19-MAY-2010 14:48:41	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42964	No
174	GOM_NL__2PRFIN20100519_145253_000000492089_00325_42964_0486.N1	19-MAY-2010 14:52:53	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	42964	No
175	GOM_NL__2PRFIN20100519_145428_000000452089_00326_42965_0475.N1	19-MAY-2010 14:54:28	Dark	44.500	31	Alp Gru	1.7340	15200.	89	42965	No
176	GOM_NL__2PRFIN20100519_145958_000000422089_00326_42965_0476.N1	19-MAY-2010 14:59:58	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42965	No
177	GOM_NL__2PRFIN20100519_150805_000000422089_00326_42965_0477.N1	19-MAY-2010 15:08:05	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42965	No
178	GOM_NL__2PRFIN20100519_150939_000000512089_00326_42965_0478.N1	19-MAY-2010 15:09:39	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42965	No
179	GOM_NL__2PRFIN20100519_151130_000000512089_00326_42965_0479.N1	19-MAY-2010 15:11:30	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	42965	No
180	GOM_NL__2PRFIN20100519_151342_000000532089_00326_42965_0480.N1	19-MAY-2010 15:13:42	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	42965	No
181	GOM_NL__2PRFIN20100519_151641_000000622089_00326_42965_0481.N1	19-MAY-2010 15:16:41	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	42965	No
182	GOM_NL__2PRFIN20100519_151820_000000462089_00326_42965_0482.N1	19-MAY-2010 15:18:20	Bright	45.500	80	7Del Sco	2.3160	30000.	91	42965	No
183	GOM_NL__2PRFIN20100519_152246_000000402089_00326_42965_0483.N1	19-MAY-2010 15:22:46	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42965	No
184	GOM_NL__2PRFIN20100519_152444_000000472089_00326_42965_0484.N1	19-MAY-2010 15:24:44	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42965	No
185	GOM_NL__2PRFIN20100519_152752_000000422089_00326_42965_0485.N1	19-MAY-2010 15:27:52	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42965	No
186	GOM_NL__2PRFIN20100519_153331_000000372089_00326_42965_0486.N1	19-MAY-2010 15:33:31	Bright	37.000	83		2.3780	11000.	74	42965	No
187	GOM_NL__2PRFIN20100519_154506_000000422089_00326_42965_0487.N1	19-MAY-2010 15:45:06	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42965	No
188	GOM_NL__2PRFIN20100519_155602_000000462089_00326_42965_0488.N1	19-MAY-2010 15:56:02	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42965	No
189	GOM_NL__2PRFIN20100519_155954_000000402089_00326_42965_0489.N1	19-MAY-2010 15:59:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	42965	No
190	GOM_NL__2PRFIN20100519_160919_000000482089_00326_42965_0490.N1	19-MAY-2010 16:09:19	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42965	No
191	GOM_NL__2PRFIN20100519_161336_000000462089_00326_42965_0491.N1	19-MAY-2010 16:13:36	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	42965	No
192	GOM_NL__2PRFIN20100519_161527_000000582089_00326_42965_0492.N1	19-MAY-2010 16:15:27	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	42965	No
193	GOM_NL__2PRFIN20100519_162919_000000592089_00326_42965_0493.N1	19-MAY-2010 16:29:19	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	42965	No
194	GOM_NL__2PRFIN20100519_163330_000000582089_00326_42965_0494.N1	19-MAY-2010 16:33:30	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42965	No
195	GOM_NL__2PRFIN20100519_163505_000000422089_00327_42966_0483.N1	19-MAY-2010 16:35:05	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42966	No
196	GOM_NL__2PRFIN20100519_164035_000000452089_00327_42966_0484.N1	19-MAY-2010 16:40:35	Dark	45.000	45	Alp Pav	1.9400	26000.	90	42966	No
197	GOM_NL__2PRFIN20100519_164841_000000432089_00327_42966_0485.N1	19-MAY-2010 16:48:41	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42966	No
198	GOM_NL__2PRFIN20100519_165015_000000512089_00327_42966_0486.N1	19-MAY-2010 16:50:15	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42966	No
199	GOM_NL__2PRFIN20100519_165207_000000532089_00327_42966_0487.N1	19-MAY-2010 16:52:07	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42966	No
200	GOM_NL__2PRFIN20100519_165419_000000522089_00327_42966_0488.N1	19-MAY-2010 16:54:19	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	42966	No
201	GOM_NL__2PRFIN20100519_165718_000000622089_00327_42966_0489.N1	19-MAY-2010 16:57:18	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	42966	No
202	GOM_NL__2PRFIN20100519_165948_000000442089_00327_42966_0490.N1	19-MAY-2010 16:59:48	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42966	No
203	GOM_NL__2PRFIN20100519_170322_000000402089_00327_42966_0491.N1	19-MAY-2010 17:03:22	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42966	No
204	GOM_NL__2PRFIN20100519_170520_000000472089_00327_42966_0492.N1	19-MAY-2010 17:05:20	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	42966	No
205	GOM_NL__2PRFIN20100519_170827_000000422089_00327_42966_0493.N1	19-MAY-2010 17:08:27	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42966	No
206	GOM_NL__2PRFIN20100519_171407_000000362089_00327_42966_0494.N1	19-MAY-2010 17:14:07	Bright	36.000	83		2.3780	11000.	72	42966	No
207	GOM_NL__2PRFIN20100519_172542_000000392089_00327_42966_0495.N1	19-MAY-2010 17:25:42	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	42966	No
208	GOM_NL__2PRFIN20100519_173637_000000432089_00327_42966_0496.N1	19-MAY-2010 17:36:37	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42966	No
209	GOM_NL__2PRFIN20100519_174030_000000362089_00327_42966_0497.N1	19-MAY-2010 17:40:30	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42966	No
210	GOM_NL__2PRFIN20100519_174955_000000462089_00327_42966_0498.N1	19-MAY-2010 17:49:55	Twilight	45.500	58	21Alp And	2.0730	11000.	91	42966	No
211	GOM_NL__2PRFIN20100519_175412_000000442089_00327_42966_0499.N1	19-MAY-2010 17:54:12	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42966	No
212	GOM_NL__2PRFIN20100519_175604_000000592089_00327_42966_0500.N1	19-MAY-2010 17:56:04	Dark	58.500	90	54Alp Peg	2.4870	11000.	117	42966	No
213	GOM_NL__2PRFIN20100519_180955_000000492089_00327_42966_0501.N1	19-MAY-2010 18:09:55	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42966	No
214	GOM_NL__2PRFIN20100519_181407_000000532089_00327_42966_0502.N1	19-MAY-2010 18:14:07	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	42966	No
215	GOM_NL__2PRFIN20100519_181542_000000452089_00328_42967_0491.N1	19-MAY-2010 18:15:42	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42967	No
216	GOM_NL__2PRFIN20100519_182111_000000412089_00328_42967_0492.N1	19-MAY-2010 18:21:11	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42967	No
217	GOM_NL__2PRFIN20100519_182918_000000422089_00328_42967_0493.N1	19-MAY-2010 18:29:18	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42967	No
218	GOM_NL__2PRFIN20100519_183052_000000512089_00328_42967_0494.N1	19-MAY-2010 18:30:52	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42967	No
219	GOM_NL__2PRFIN20100519_183244_000000532089_00328_42967_0495.N1	19-MAY-2010 18:32:44	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42967	No



220	GOM_NL__2PRFIN20100519_183455_000000522089_00328_42967_0496.N1	19-MAY-2010 18:34:55	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	42967	No
221	GOM_NL__2PRFIN20100519_183754_000000582089_00328_42967_0497.N1	19-MAY-2010 18:37:54	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	42967	No
222	GOM_NL__2PRFIN20100519_184024_000000462089_00328_42967_0498.N1	19-MAY-2010 18:40:24	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42967	No
223	GOM_NL__2PRFIN20100519_184358_000000382089_00328_42967_0499.N1	19-MAY-2010 18:43:58	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	42967	No
224	GOM_NL__2PRFIN20100519_184556_000000472089_00328_42967_0500.N1	19-MAY-2010 18:45:56	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	42967	No
225	GOM_NL__2PRFIN20100519_184903_000000422089_00328_42967_0501.N1	19-MAY-2010 18:49:03	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42967	No
226	GOM_NL__2PRFIN20100519_185443_000000362089_00328_42967_0502.N1	19-MAY-2010 18:54:43	Bright	35.500	83		2.3780	11000.	71	42967	No
227	GOM_NL__2PRFIN20100519_190617_000000412089_00328_42967_0503.N1	19-MAY-2010 19:06:17	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42967	No
228	GOM_NL__2PRFIN20100519_191713_000000462089_00328_42967_0504.N1	19-MAY-2010 19:17:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42967	No
229	GOM_NL__2PRFIN20100519_192106_000000562089_00328_42967_0505.N1	19-MAY-2010 19:21:06	Bright	56.000	74	11Bet Cas	2.2680	6600.0	112	42967	No
230	GOM_NL__2PRFIN20100519_193031_000000462089_00328_42967_0506.N1	19-MAY-2010 19:30:31	Twilight	46.000	58	21Alp And	2.0730	11000.	92	42967	No
231	GOM_NL__2PRFIN20100519_193448_000000442089_00328_42967_0507.N1	19-MAY-2010 19:34:48	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42967	No
232	GOM_NL__2PRFIN20100519_193640_000000592089_00328_42967_0508.N1	19-MAY-2010 19:36:40	Dark	58.500	90	54Alp Peg	2.4870	11000.	117	42967	No
233	GOM_NL__2PRFIN20100519_195032_000000602089_00328_42967_0509.N1	19-MAY-2010 19:50:32	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	42967	No
234	GOM_NL__2PRFIN20100519_195444_000000532089_00328_42967_0510.N1	19-MAY-2010 19:54:44	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	42967	No
235	GOM_NL__2PRFIN20100519_195618_000000462089_00329_42968_0499.N1	19-MAY-2010 19:56:18	Dark	45.500	31	Alp Gru	1.7340	15200.	91	42968	No
236	GOM_NL__2PRFIN20100519_200148_000000422089_00329_42968_0500.N1	19-MAY-2010 20:01:48	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42968	No
237	GOM_NL__2PRFIN20100519_200954_000000422089_00329_42968_0501.N1	19-MAY-2010 20:09:54	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42968	No
238	GOM_NL__2PRFIN20100519_201129_000000552089_00329_42968_0502.N1	19-MAY-2010 20:11:29	Straylight	54.500	40	The Sco	1.8590	7100.0	109	42968	No
239	GOM_NL__2PRFIN20100519_201320_000000552089_00329_42968_0503.N1	19-MAY-2010 20:13:20	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42968	No
240	GOM_NL__2PRFIN20100519_201532_000000492089_00329_42968_0504.N1	19-MAY-2010 20:15:32	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	42968	No
241	GOM_NL__2PRFIN20100519_201830_000000632089_00329_42968_0505.N1	19-MAY-2010 20:18:30	Twilight	62.500	16	21Alp Sco	1.0200	3000.0	125	42968	No
242	GOM_NL__2PRFIN20100519_202100_000000462089_00329_42968_0506.N1	19-MAY-2010 20:21:00	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42968	No
243	GOM_NL__2PRFIN20100519_202434_000000392089_00329_42968_0507.N1	19-MAY-2010 20:24:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42968	No
244	GOM_NL__2PRFIN20100519_202631_000000482089_00329_42968_0508.N1	19-MAY-2010 20:26:31	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42968	No
245	GOM_NL__2PRFIN20100519_202939_000000412089_00329_42968_0509.N1	19-MAY-2010 20:29:39	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	42968	No
246	GOM_NL__2PRFIN20100519_203519_000000392089_00329_42968_0510.N1	19-MAY-2010 20:35:19	Bright	38.500	83		2.3780	11000.	77	42968	No
247	GOM_NL__2PRFIN20100519_204652_000000432089_00329_42968_0511.N1	19-MAY-2010 20:46:52	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42968	No
248	GOM_NL__2PRFIN20100519_205748_000000462089_00329_42968_0512.N1	19-MAY-2010 20:57:48	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42968	No
249	GOM_NL__2PRFIN20100519_210142_000000362089_00329_42968_0513.N1	19-MAY-2010 21:01:42	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	42968	No
250	GOM_NL__2PRFIN20100519_211107_000000462089_00329_42968_0514.N1	19-MAY-2010 21:11:07	Twilight	45.500	58	21Alp And	2.0730	11000.	91	42968	No
251	GOM_NL__2PRFIN20100519_211524_000000462089_00329_42968_0515.N1	19-MAY-2010 21:15:24	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	42968	No
252	GOM_NL__2PRFIN20100519_211716_000000582089_00329_42968_0516.N1	19-MAY-2010 21:17:16	Dark	58.000	90	54Alp Peg	2.4870	11000.	116	42968	No
253	GOM_NL__2PRFIN20100519_213109_000000522089_00329_42968_0517.N1	19-MAY-2010 21:31:09	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	42968	No
254	GOM_NL__2PRFIN20100519_213520_000000582089_00329_42968_0518.N1	19-MAY-2010 21:35:20	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	42968	No
255	GOM_NL__2PRFIN20100519_213655_000000462089_00330_42969_0621.N1	19-MAY-2010 21:36:55	Dark	45.500	31	Alp Gru	1.7340	15200.	91	42969	No
256	GOM_NL__2PRFIN20100519_214224_000000432089_00330_42969_0622.N1	19-MAY-2010 21:42:24	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42969	No
257	GOM_NL__2PRFIN20100519_215031_000000422089_00330_42969_0623.N1	19-MAY-2010 21:50:31	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42969	No
258	GOM_NL__2PRFIN20100519_215205_000000532089_00330_42969_0624.N1	19-MAY-2010 21:52:05	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42969	No
259	GOM_NL__2PRFIN20100519_215357_000000542089_00330_42969_0625.N1	19-MAY-2010 21:53:57	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42969	No
260	GOM_NL__2PRFIN20100519_215608_000000502089_00330_42969_0626.N1	19-MAY-2010 21:56:08	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	42969	No
261	GOM_NL__2PRFIN20100519_215906_000000592089_00330_42969_0627.N1	19-MAY-2010 21:59:06	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	42969	No
262	GOM_NL__2PRFIN20100519_220136_000000442089_00330_42969_0628.N1	19-MAY-2010 22:01:36	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42969	No
263	GOM_NL__2PRFIN20100519_220510_000000382089_00330_42969_0629.N1	19-MAY-2010 22:05:10	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	42969	No
264	GOM_NL__2PRFIN20100519_220707_000000472089_00330_42969_0630.N1	19-MAY-2010 22:07:07	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	42969	No
265	GOM_NL__2PRFIN20100519_221014_000000422089_00330_42969_0631.N1	19-MAY-2010 22:10:14	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42969	No
266	GOM_NL__2PRFIN20100519_221554_000000392089_00330_42969_0632.N1	19-MAY-2010 22:15:54	Bright	39.000	83		2.3780	11000.	78	42969	No
267	GOM_NL__2PRFIN20100519_222728_000000432089_00330_42969_0633.N1	19-MAY-2010 22:27:28	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42969	No
268	GOM_NL__2PRFIN20100519_223824_000000472089_00330_42969_0634.N1	19-MAY-2010 22:38:24	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	42969	No
269	GOM_NL__2PRFIN20100519_224218_000000382089_00330_42969_0635.N1	19-MAY-2010 22:42:18	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	42969	No
270	GOM_NL__2PRFIN20100519_225143_000000482089_00330_42969_0636.N1	19-MAY-2010 22:51:43	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42969	No
271	GOM_NL__2PRFIN20100519_225601_000000432089_00330_42969_0637.N1	19-MAY-2010 22:56:01	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	42969	No
272	GOM_NL__2PRFIN20100519_225753_000000602089_00330_42969_0638.N1	19-MAY-2010 22:57:53	Dark	60.000	90	54Alp Peg	2.4870	11000.	120	42969	No
273	GOM_NL__2PRFIN20100519_231146_000000492089_00330_42969_0639.N1	19-MAY-2010 23:11:46	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42969	No
274	GOM_NL__2PRFIN20100519_231557_000000472089_00330_42969_0640.N1	19-MAY-2010 23:15:57	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	42969	No

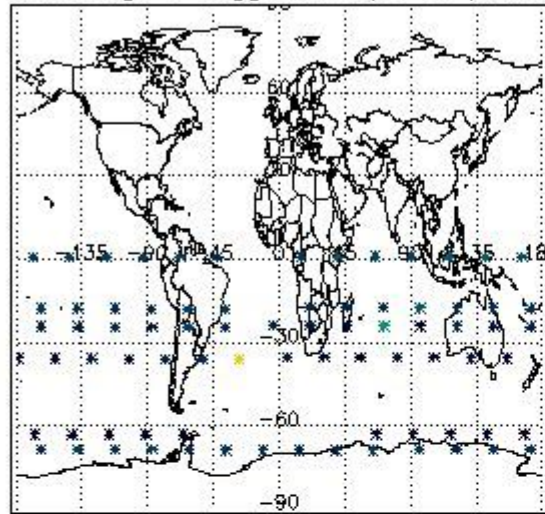
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

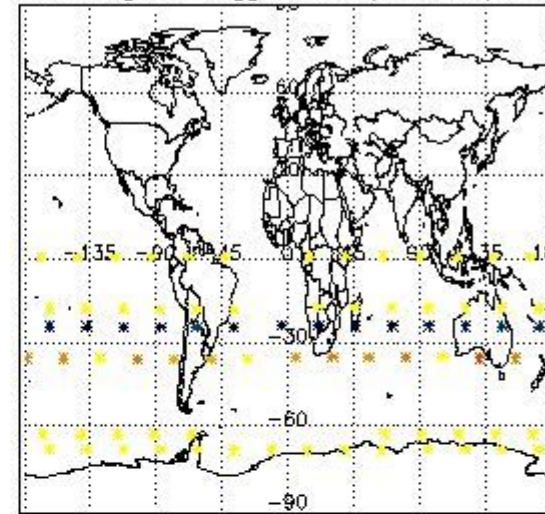


### 3.2 Plot quality information per product (world map)

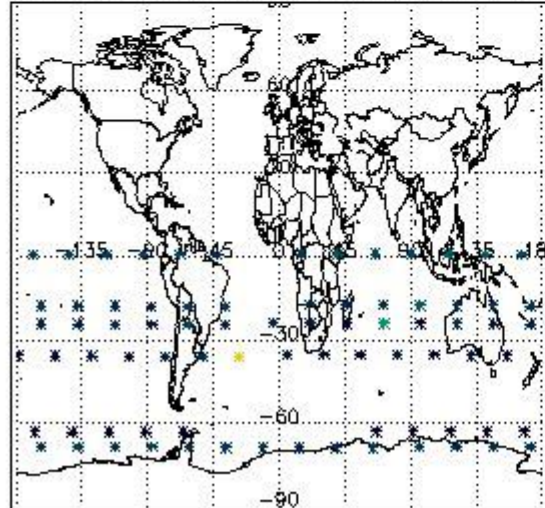
Percentage of flagged data per O3 profile



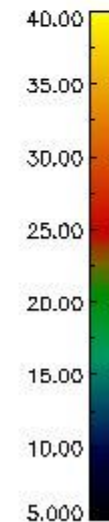
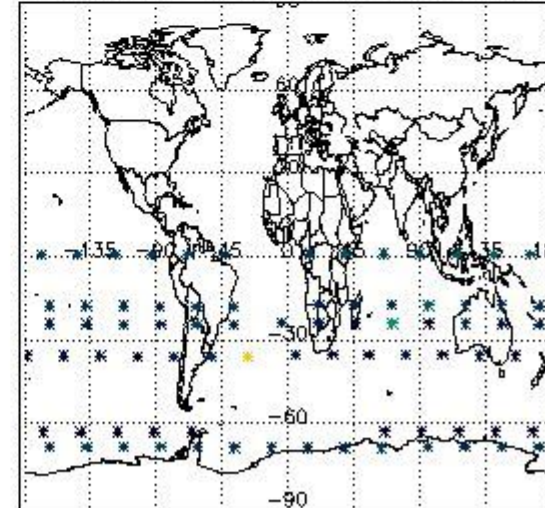
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

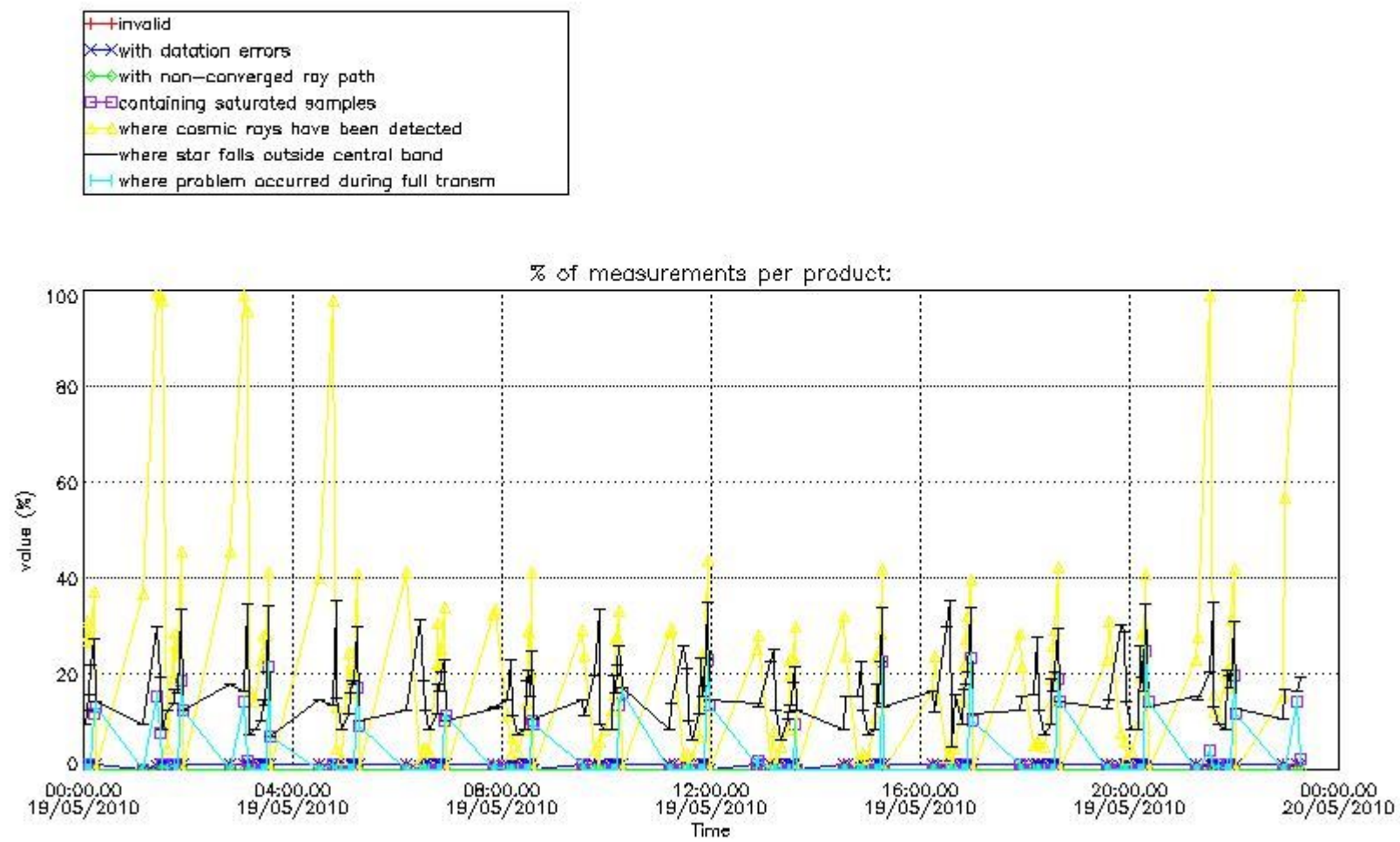


#### 4. Level 1 quality information per product

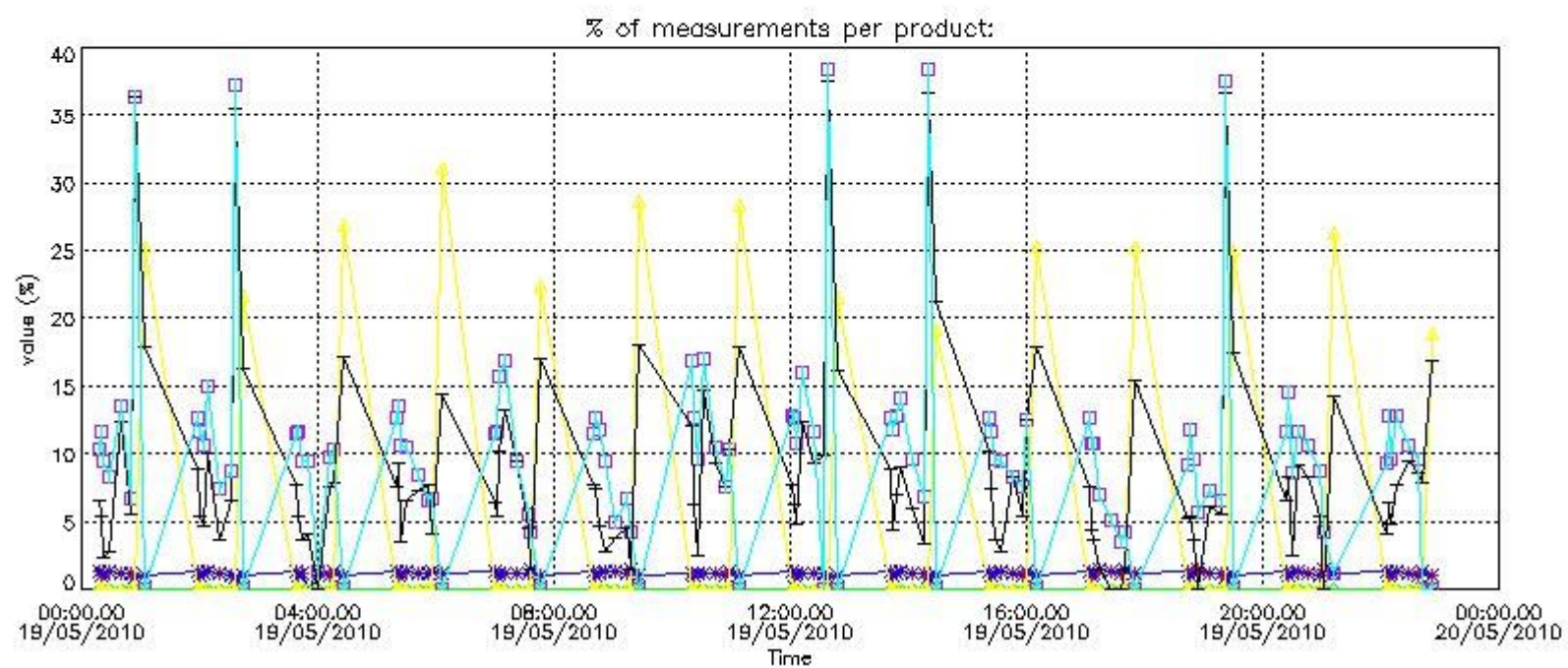
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

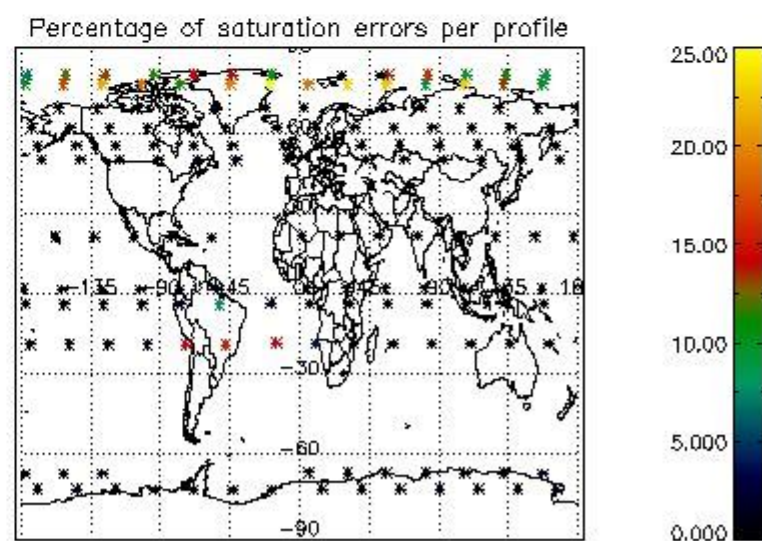
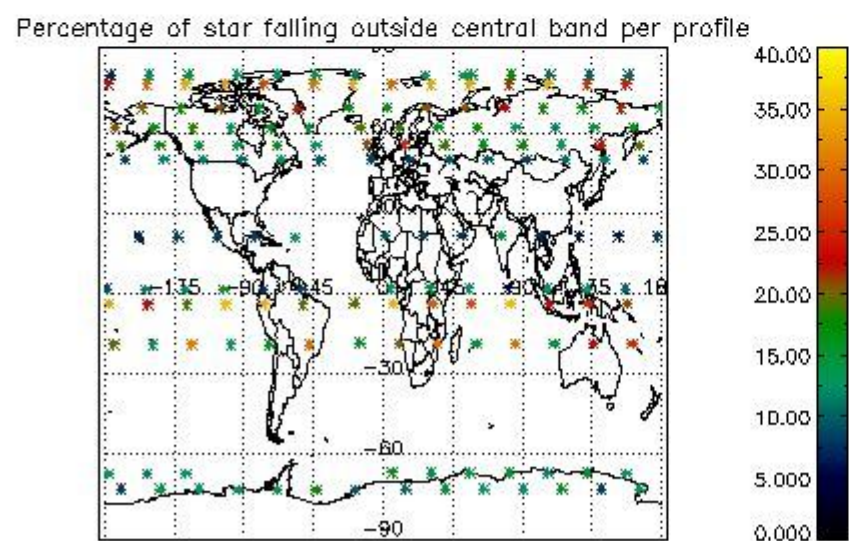
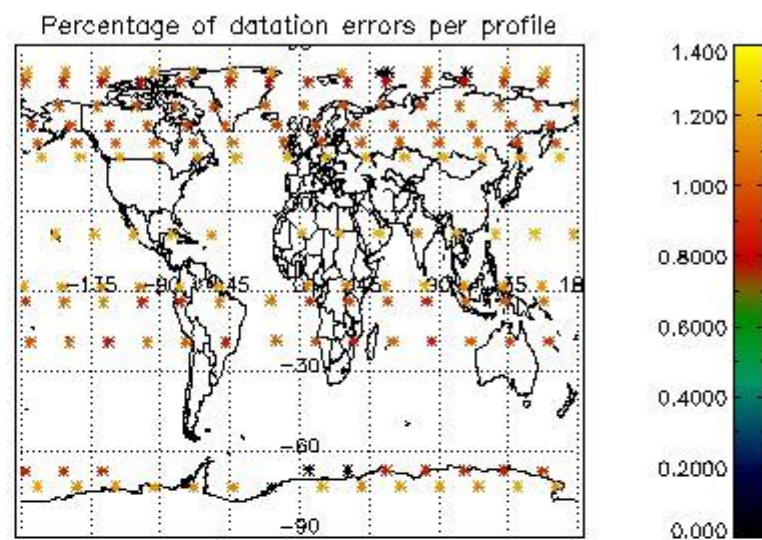
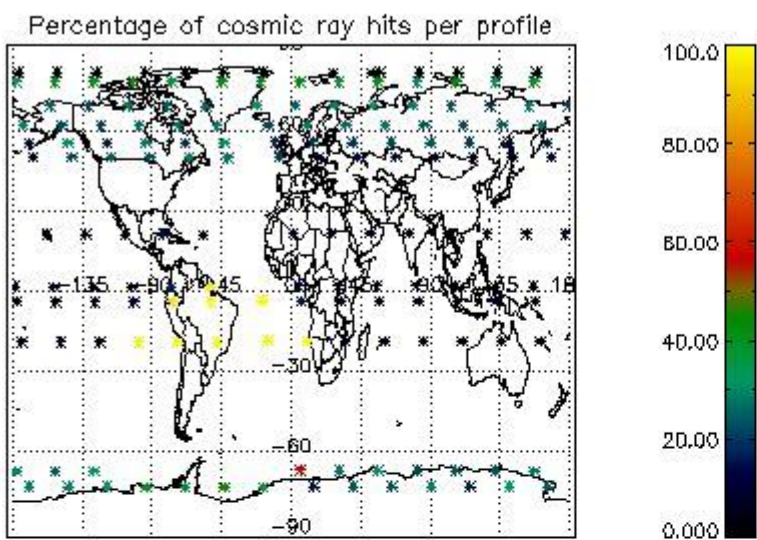


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

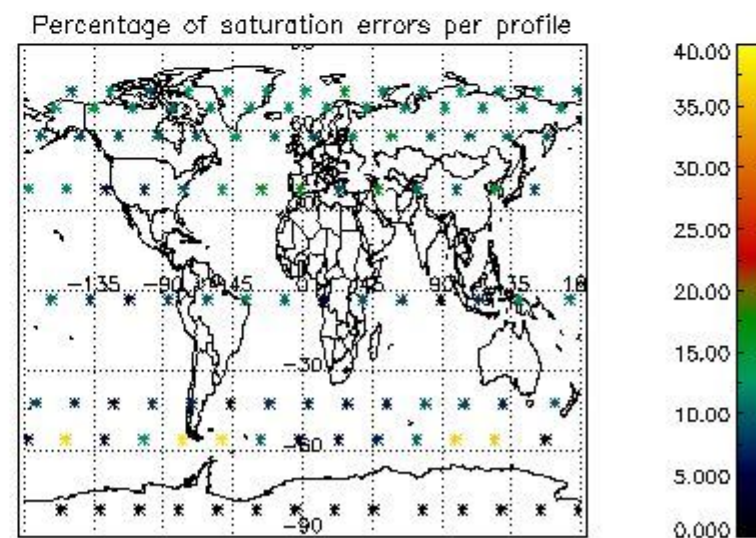
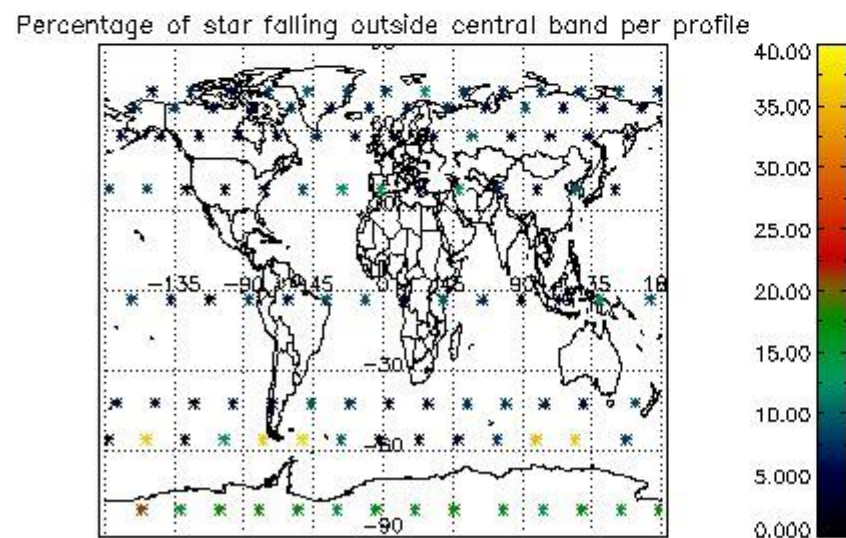
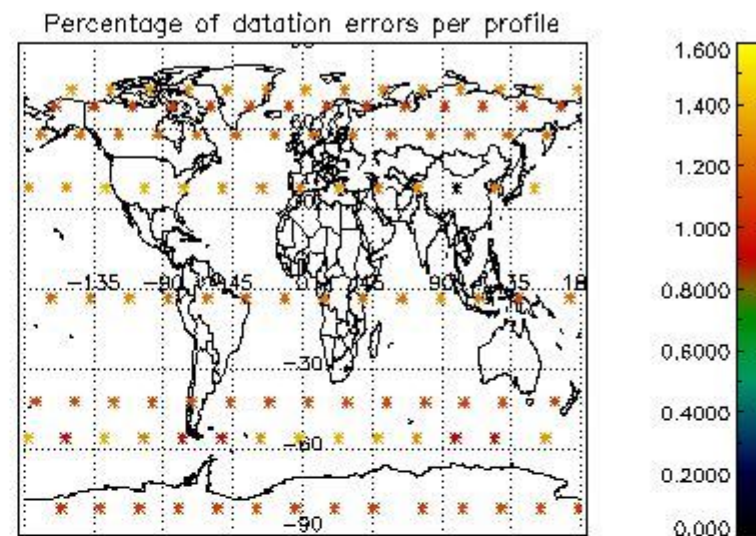
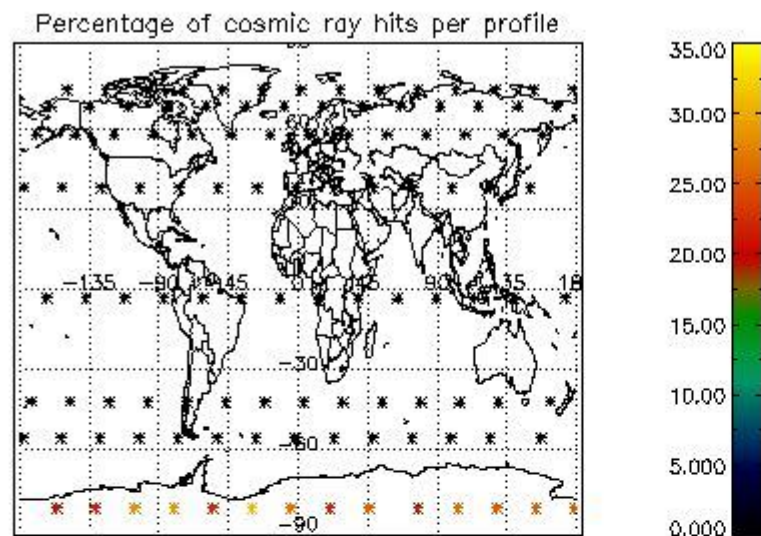


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

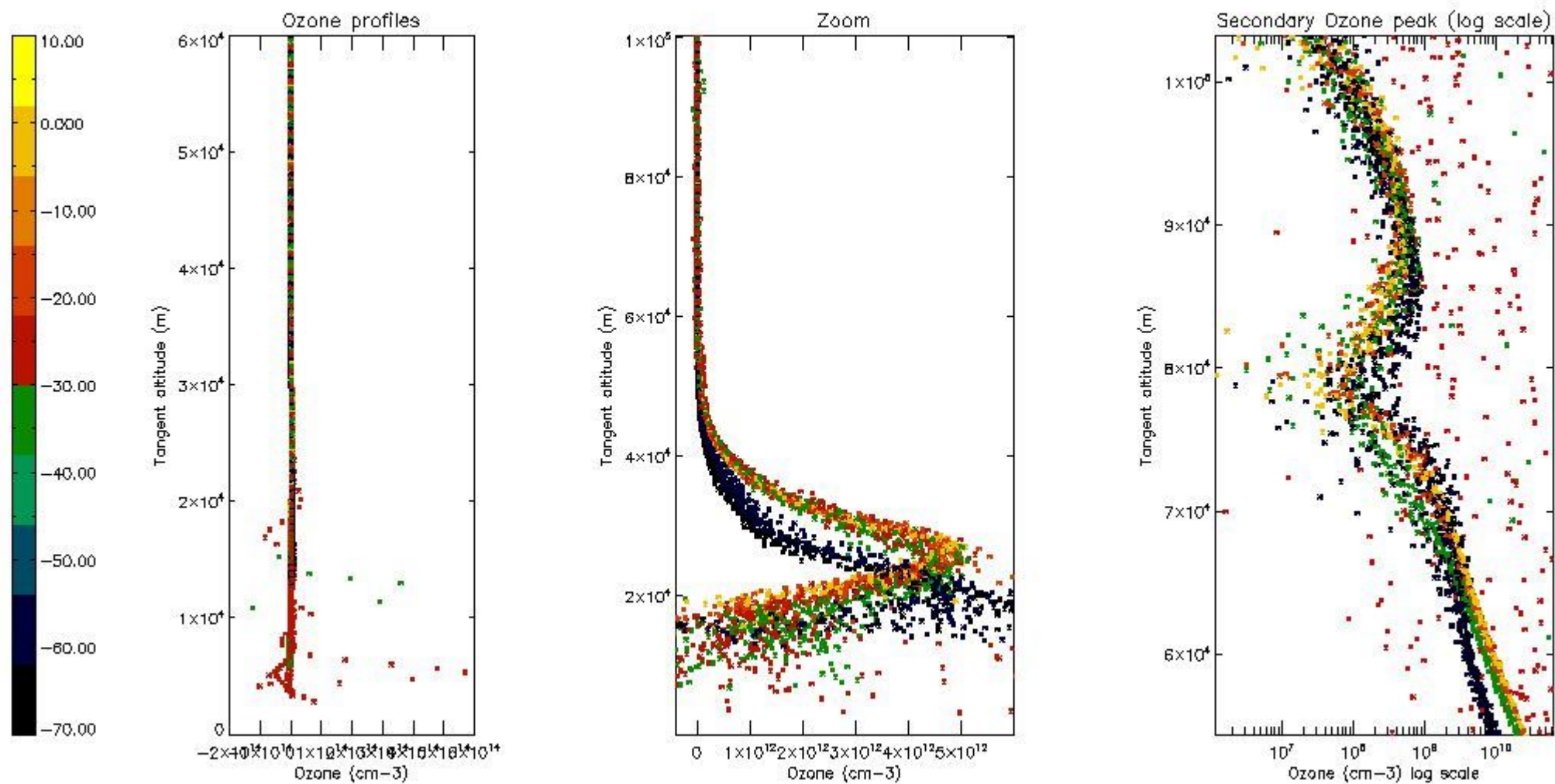
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	17

STD < 10	13
STD < 5	8

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

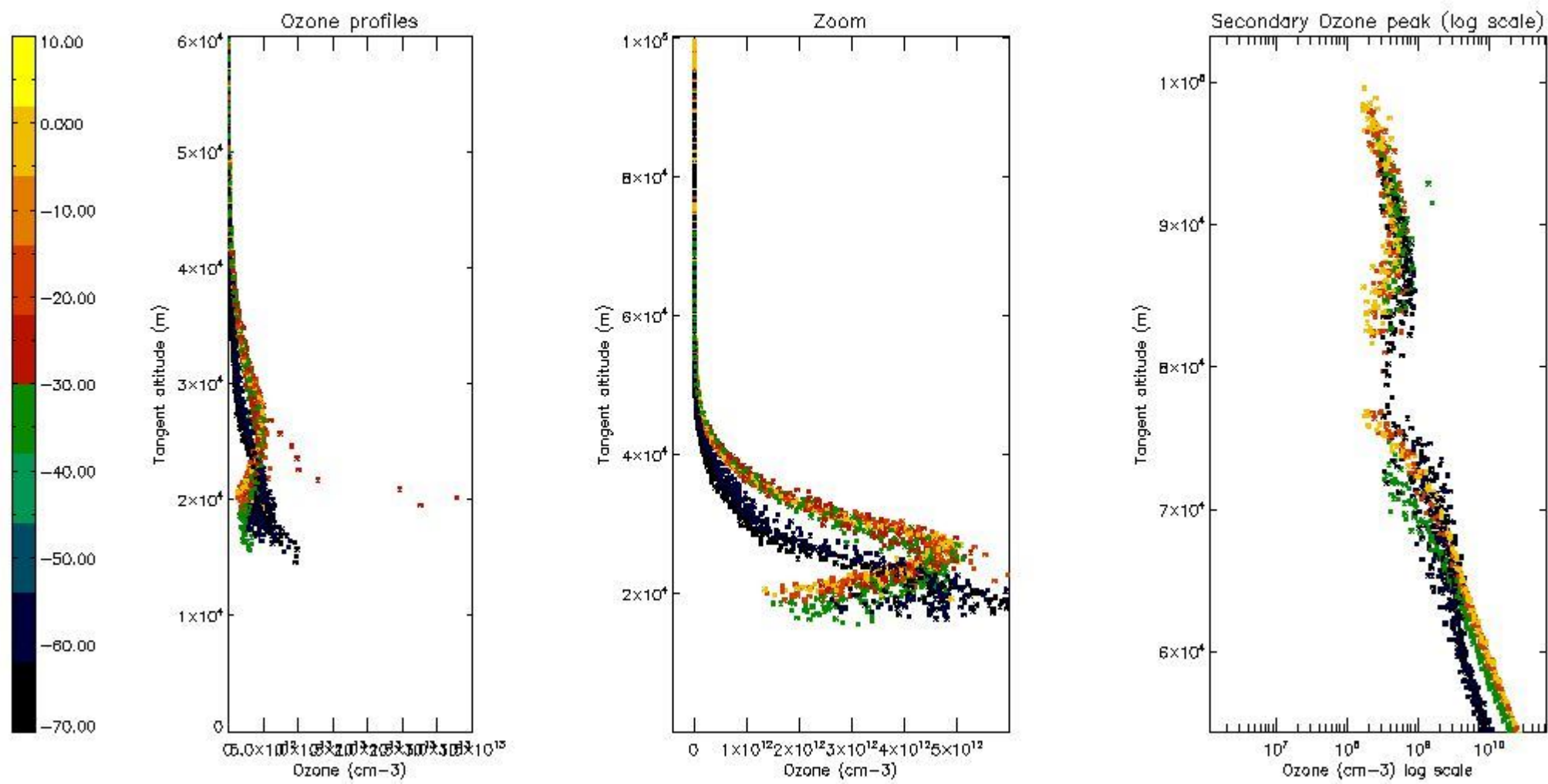
The colorbar represents the latitude.



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

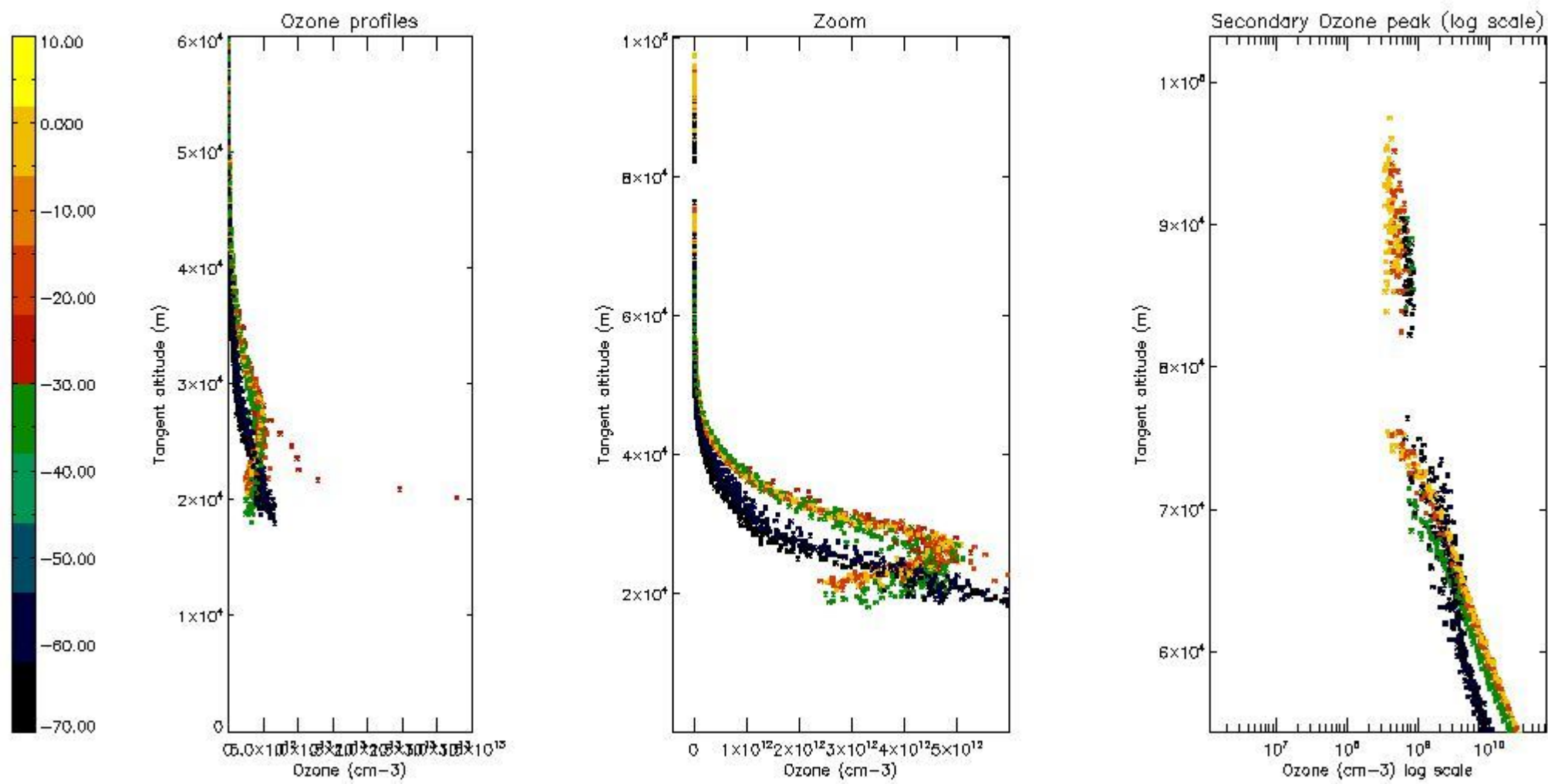
The colorbar represents the latitude.





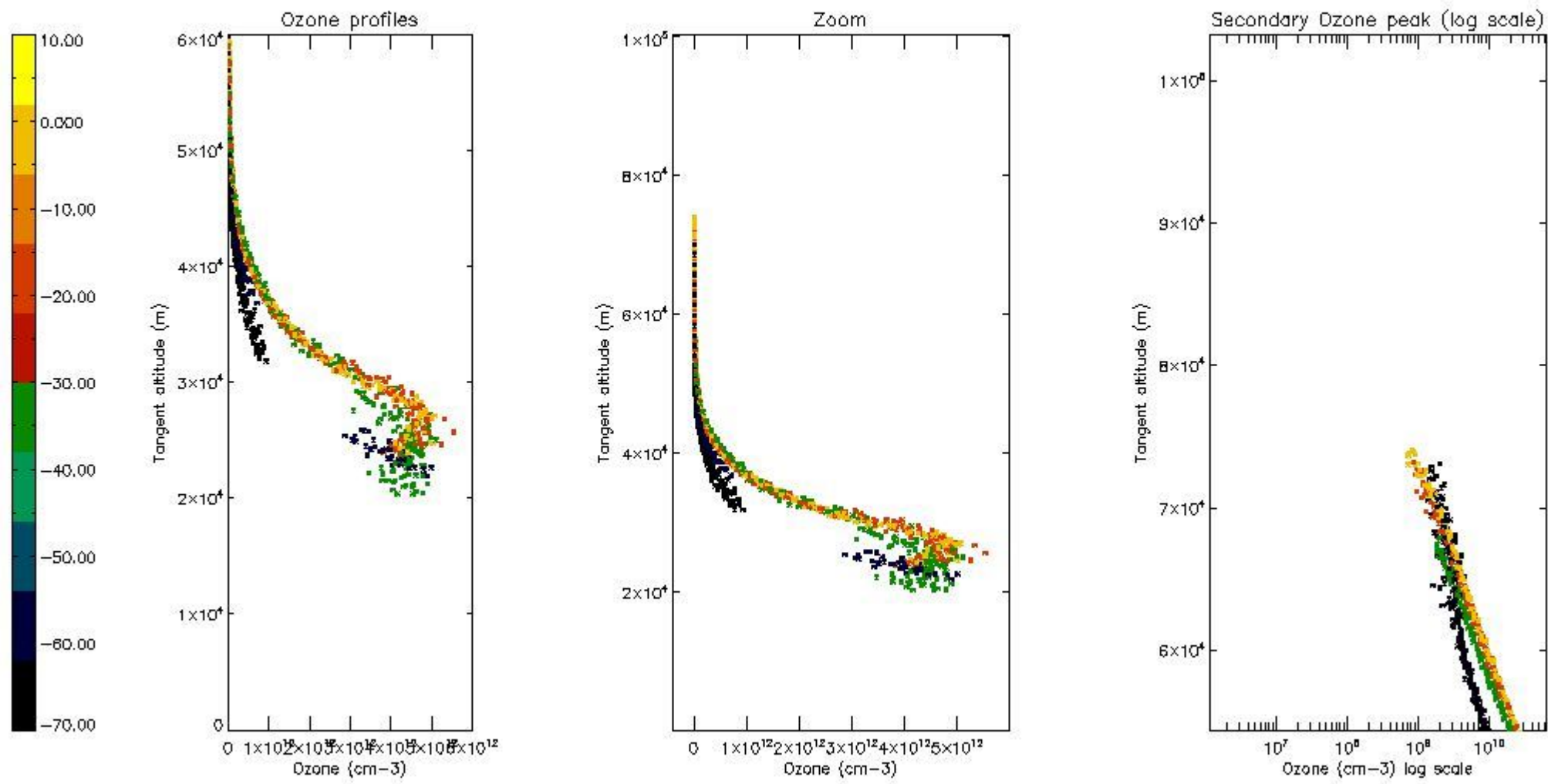
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



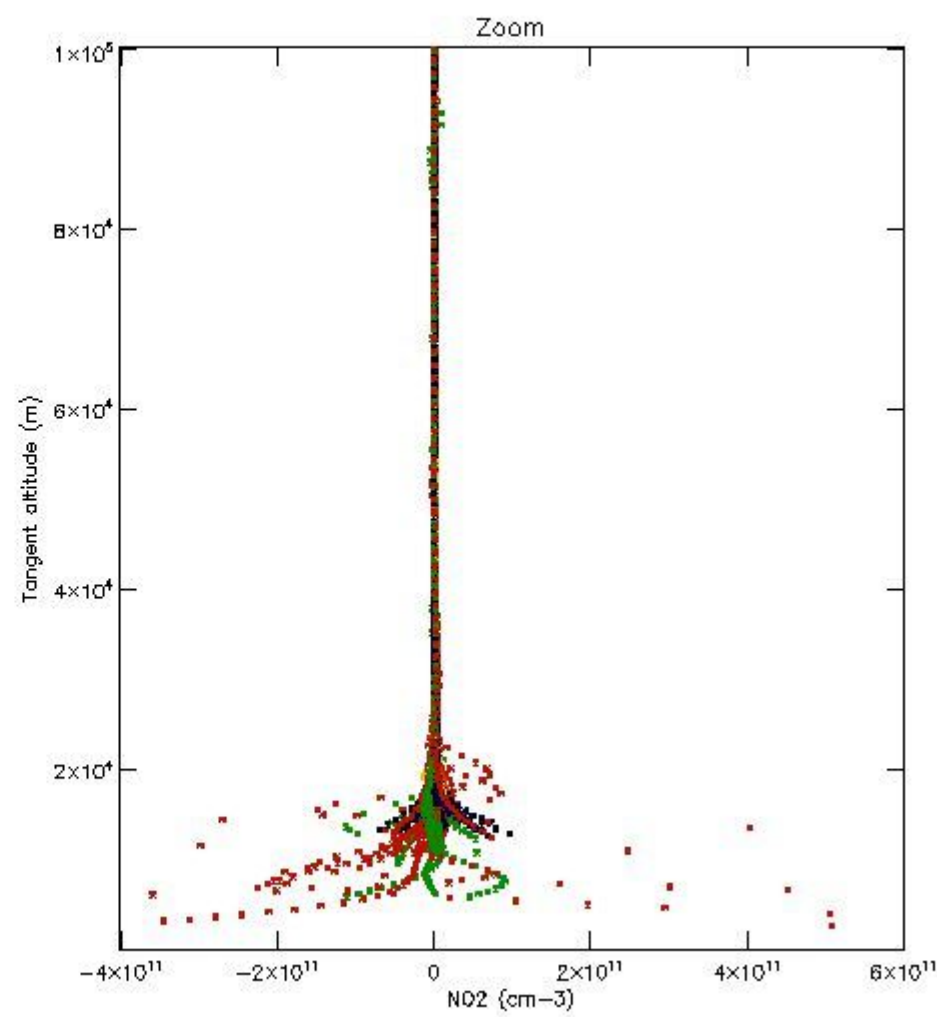
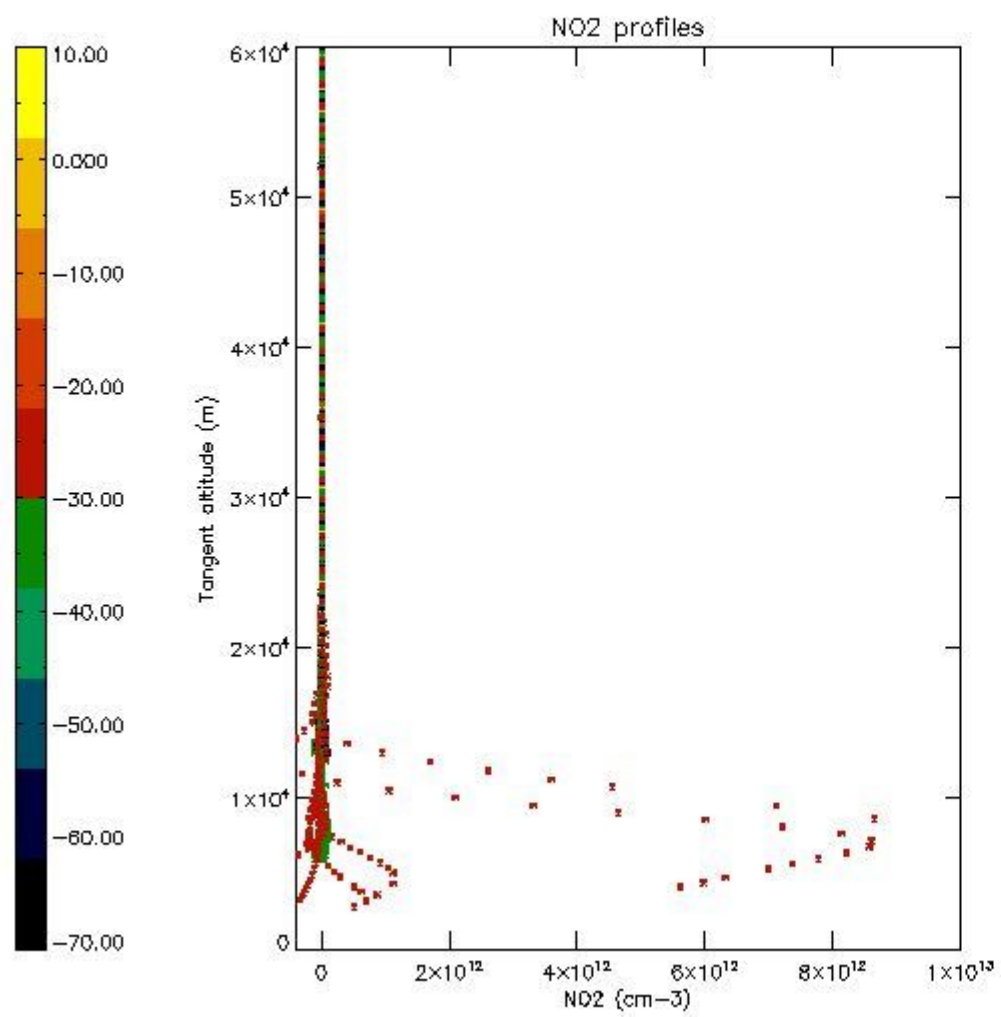
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



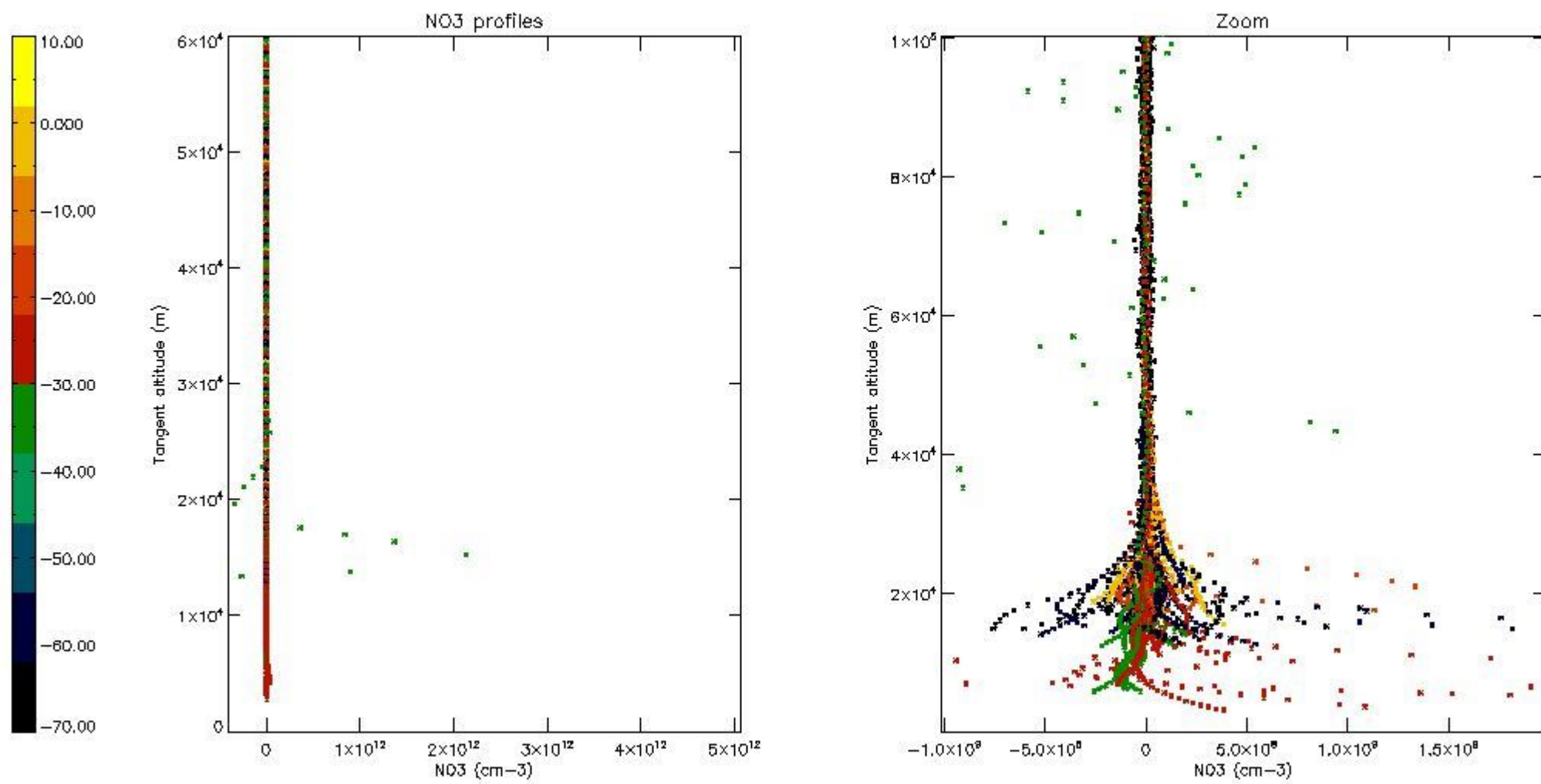
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



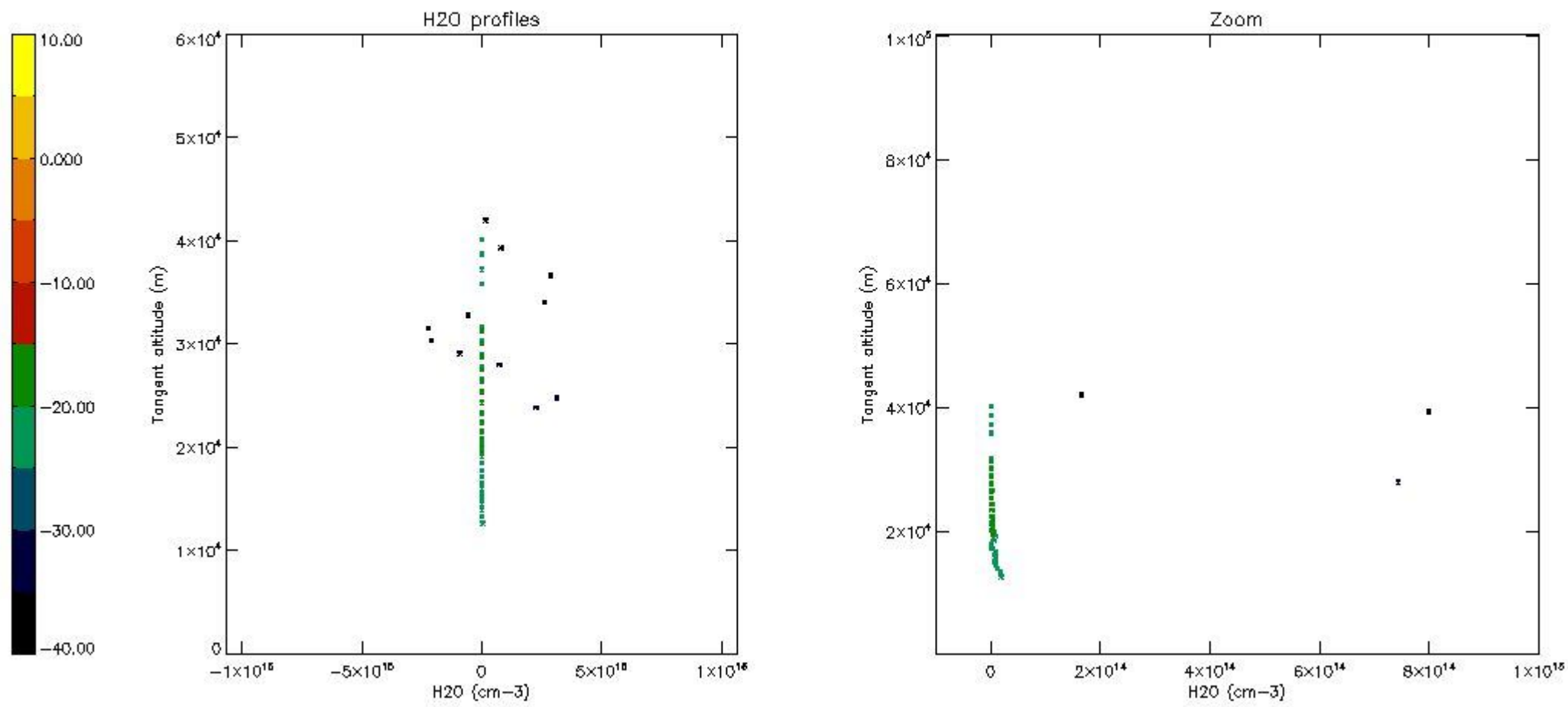
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

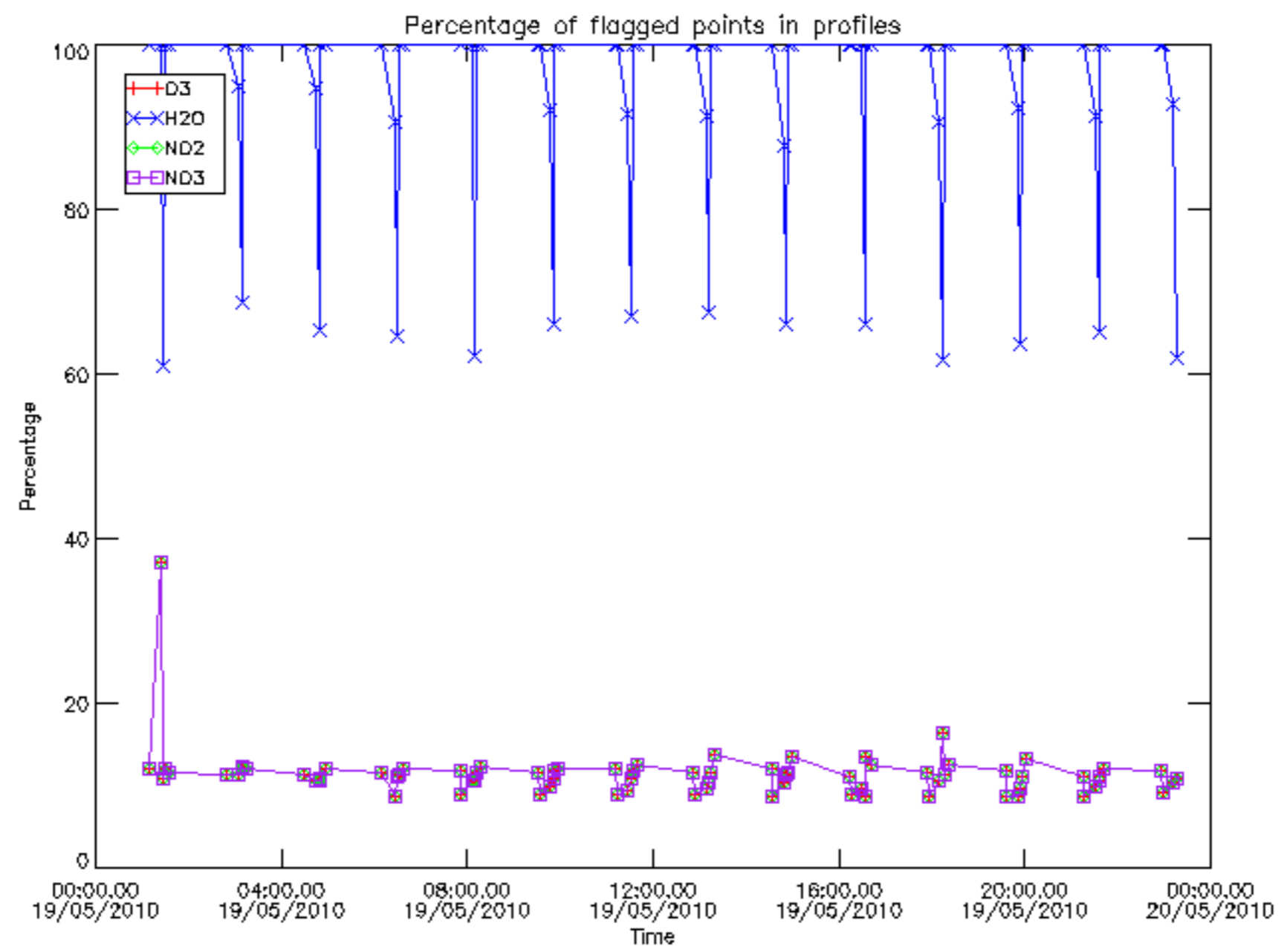
The colorbar represents the latitude.



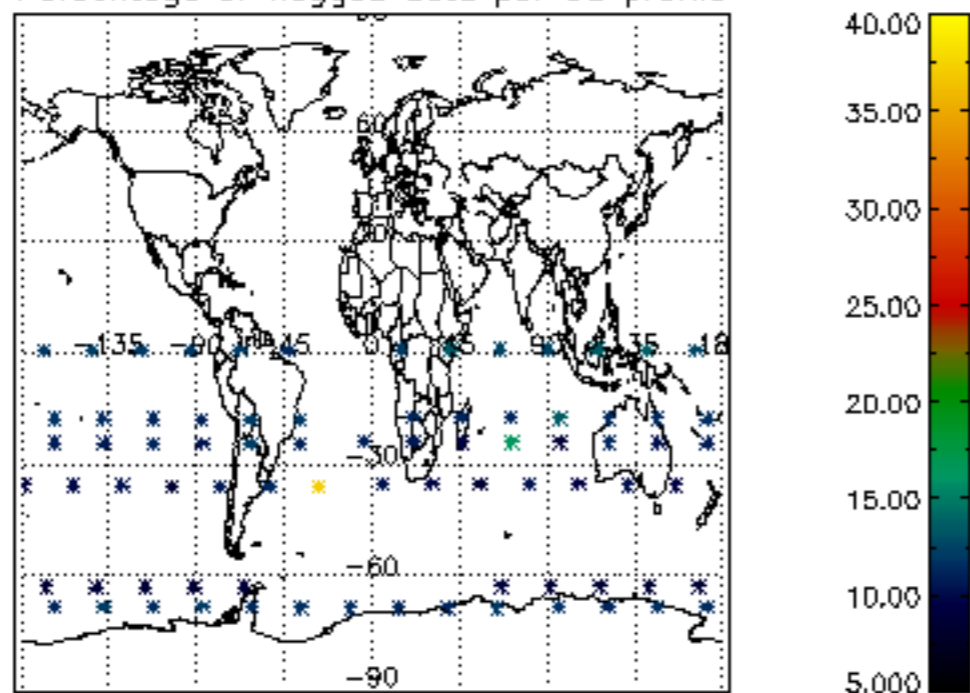
## 6. Auxiliary Data Files used for the production reported in section 2

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

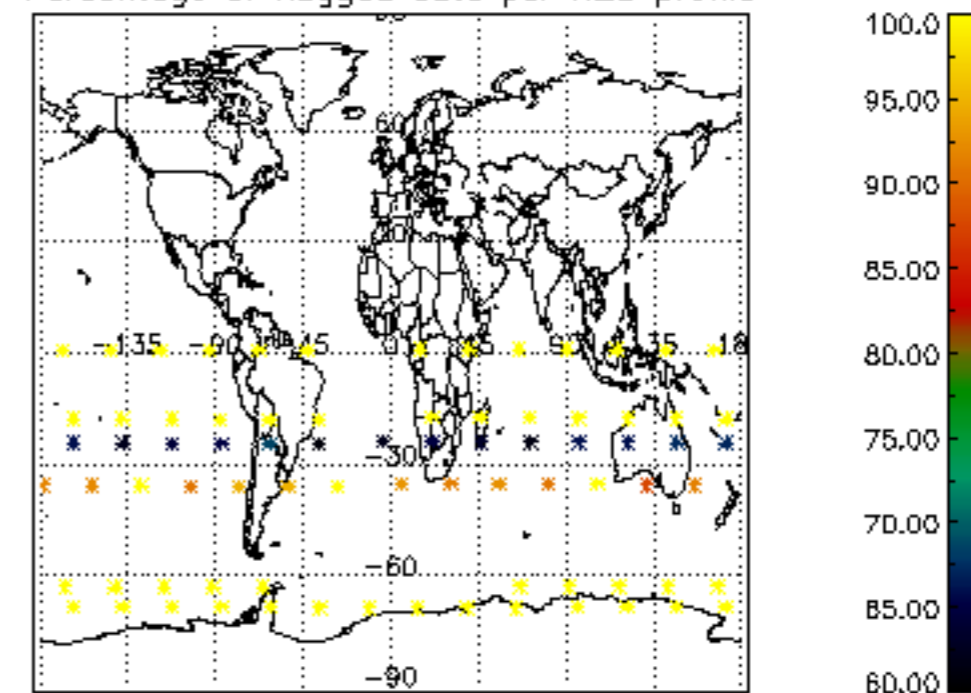
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-MAY-2010 00:02:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-MAY-2010 00:02:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-MAY-2010 00:02:37



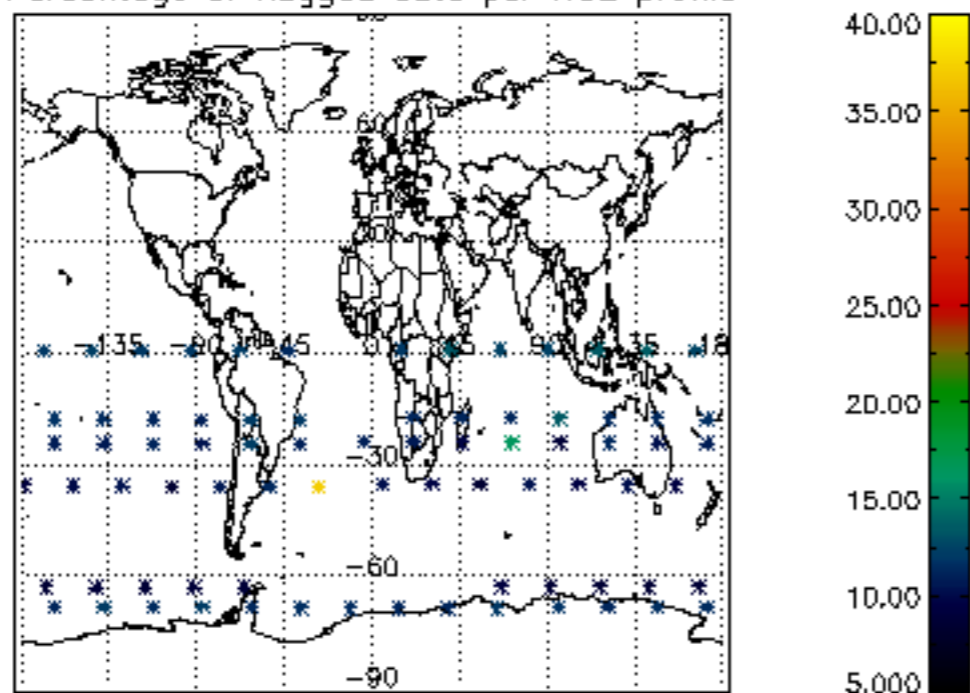
Percentage of flagged data per D3 profile



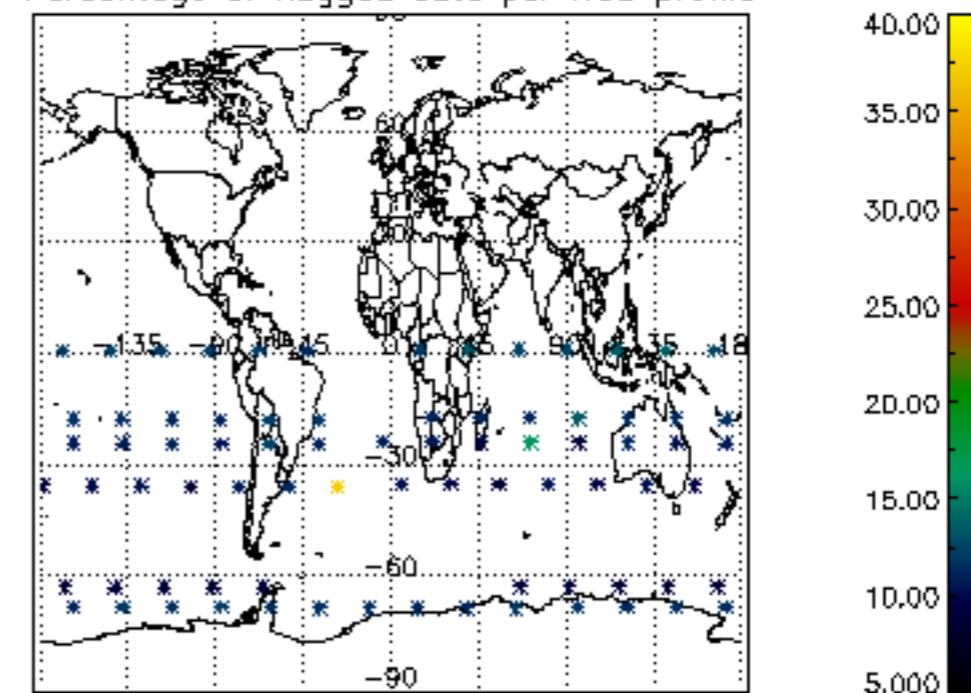
Percentage of flagged data per H2O profile



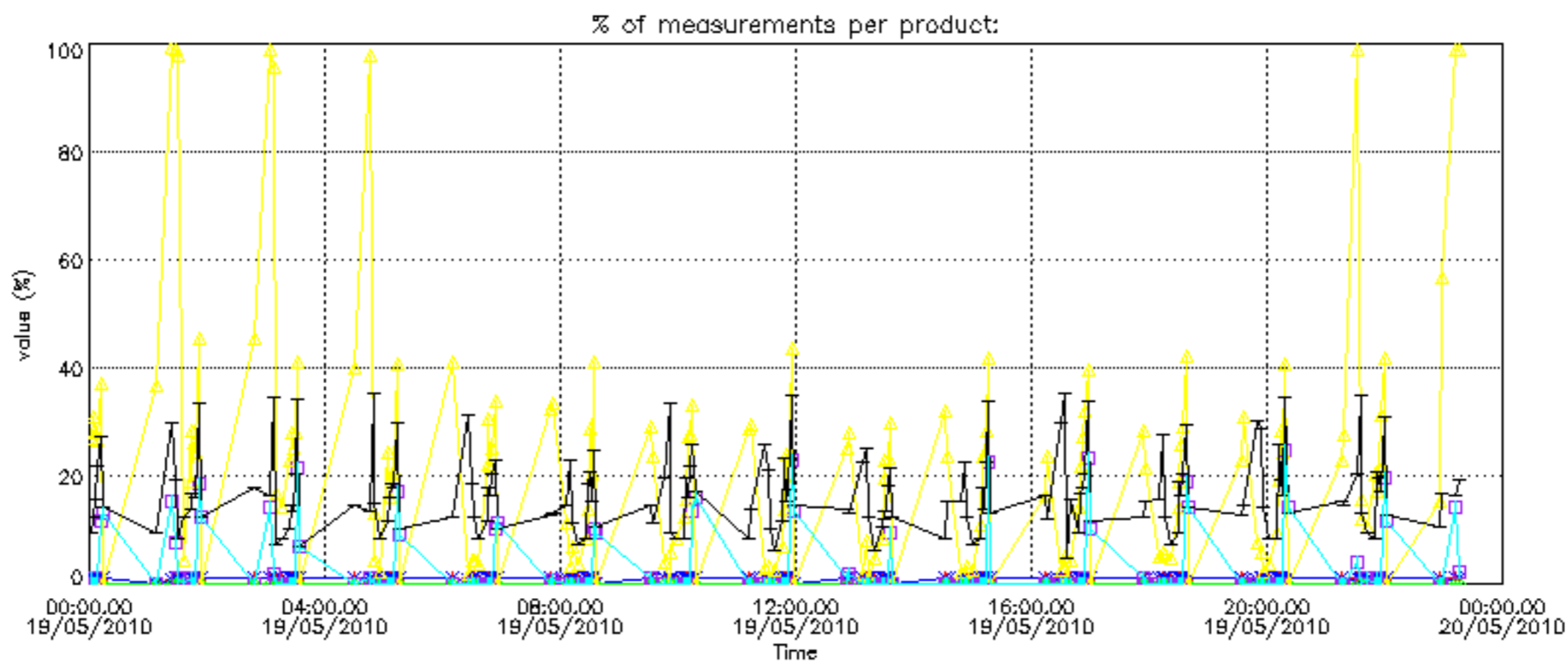
Percentage of flagged data per NO2 profile

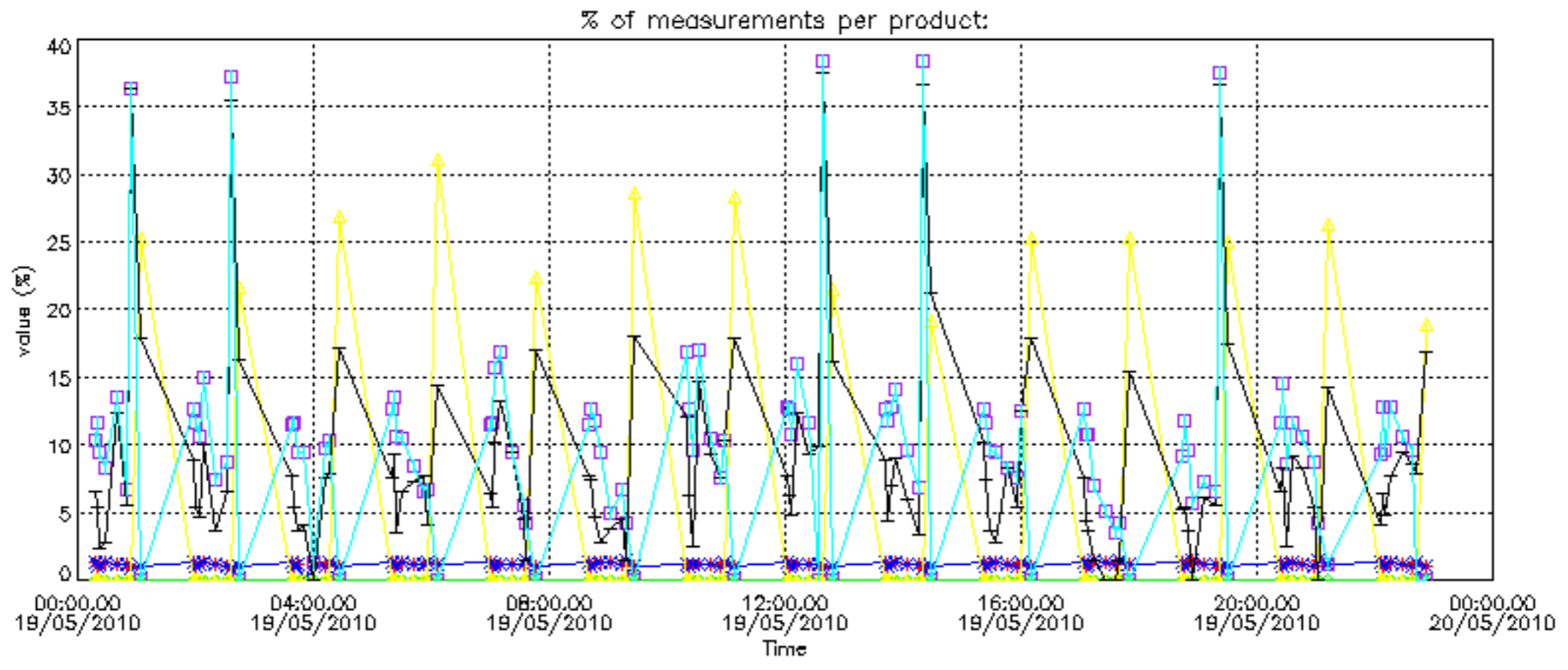


Percentage of flagged data per NO3 profile

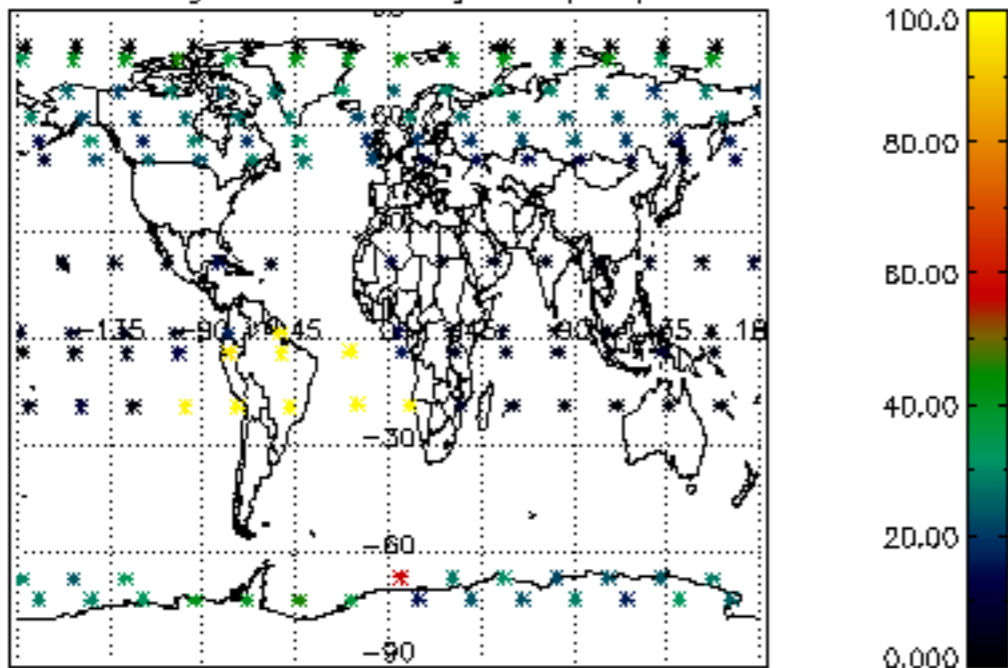




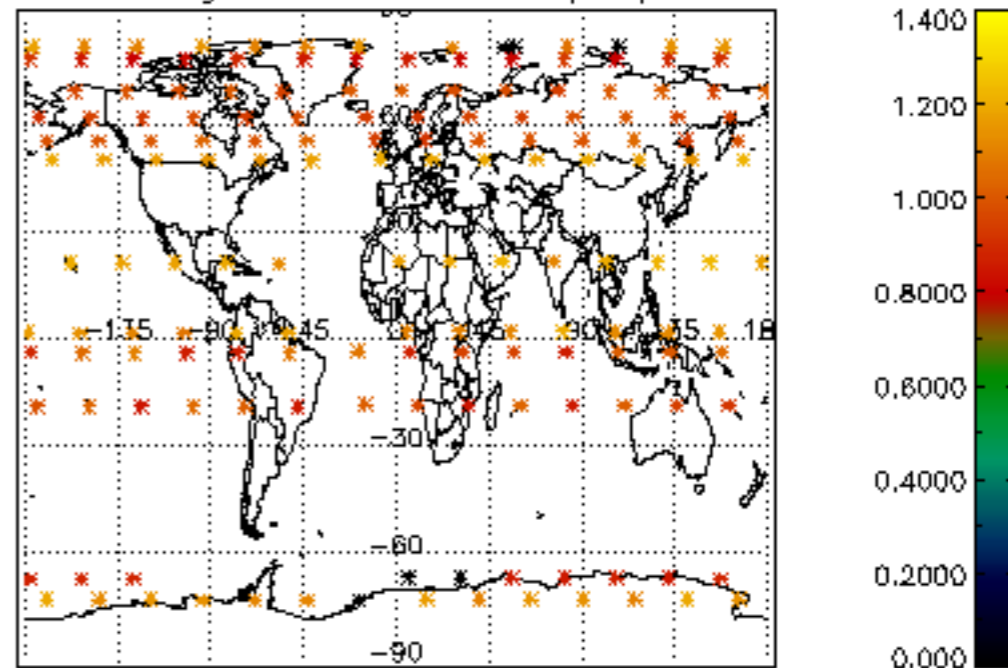




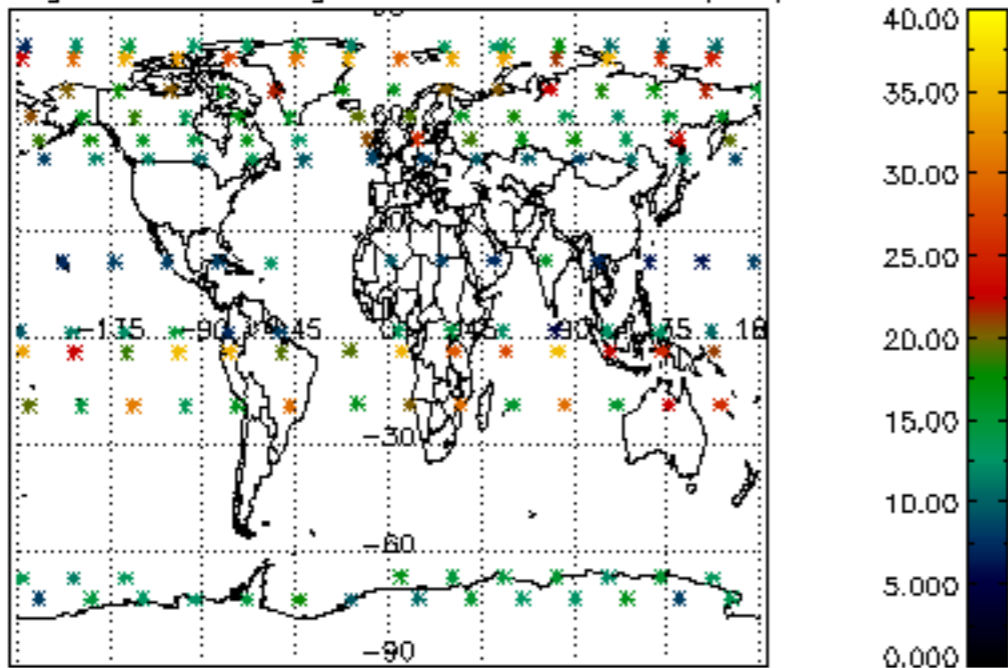
Percentage of cosmic ray hits per profile



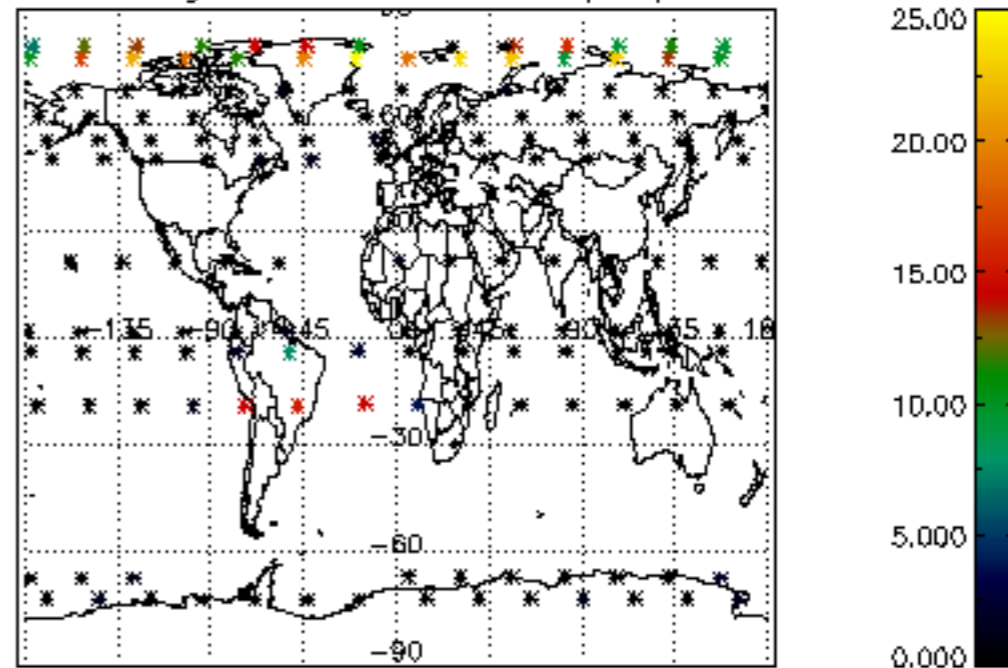
Percentage of datation errors per profile



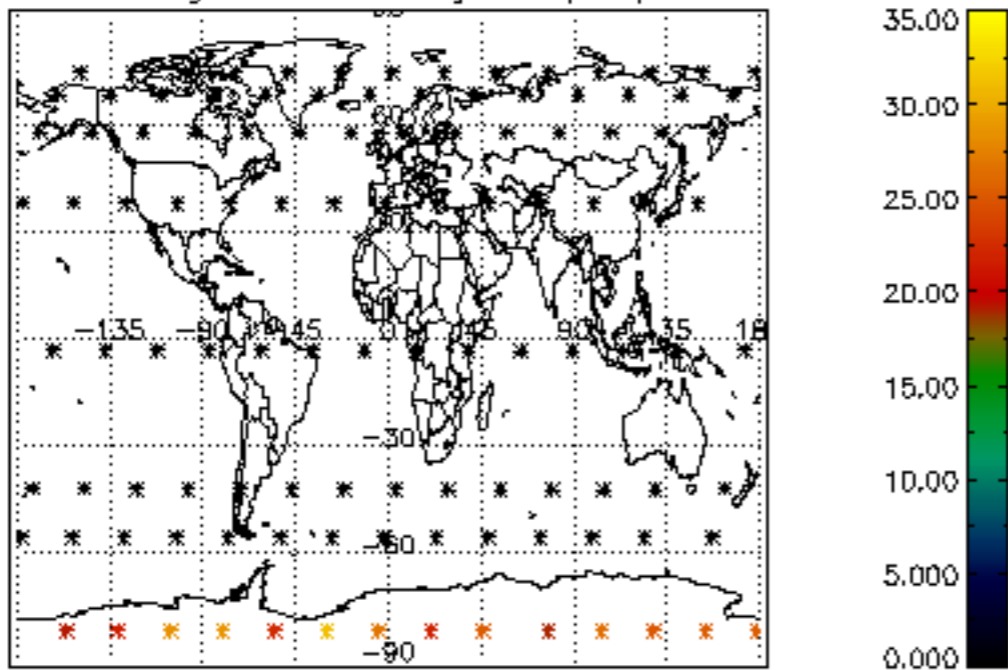
Percentage of star falling outside central band per profile



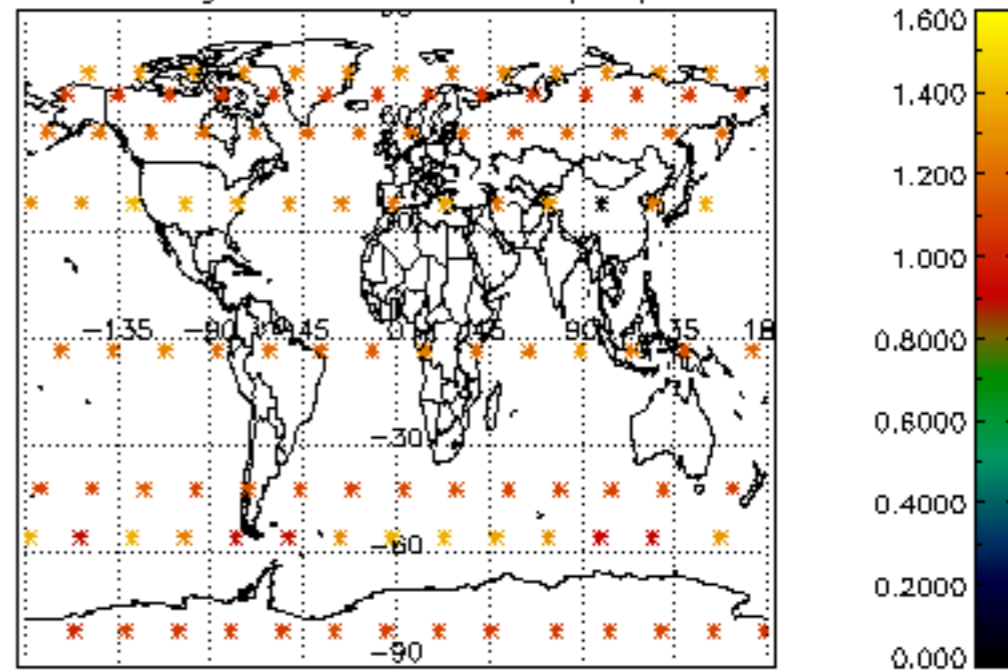
Percentage of saturation errors per profile



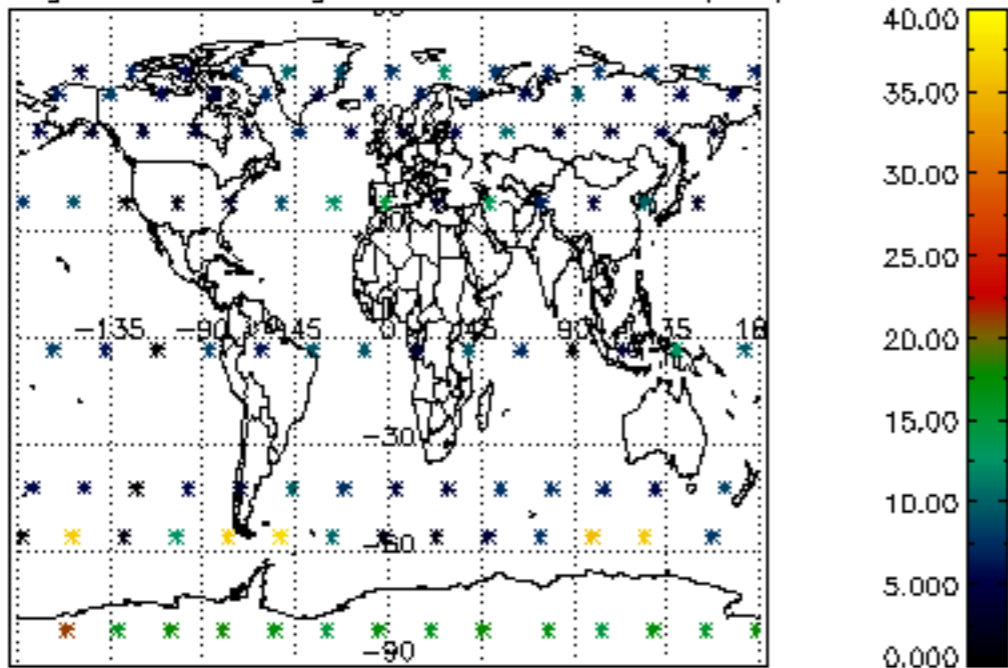
Percentage of cosmic ray hits per profile



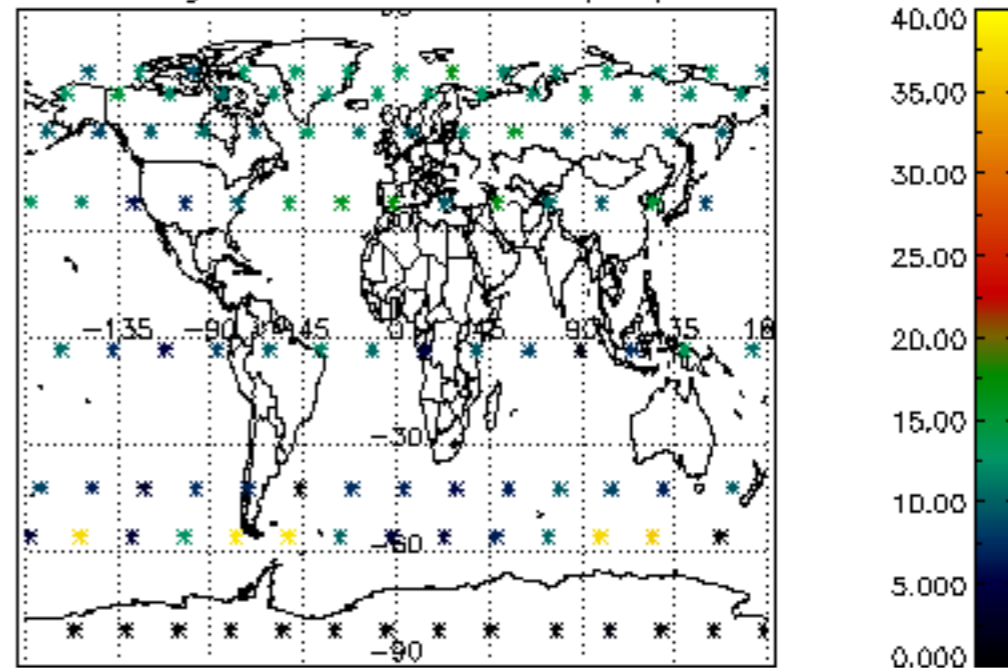
Percentage of datation errors per profile

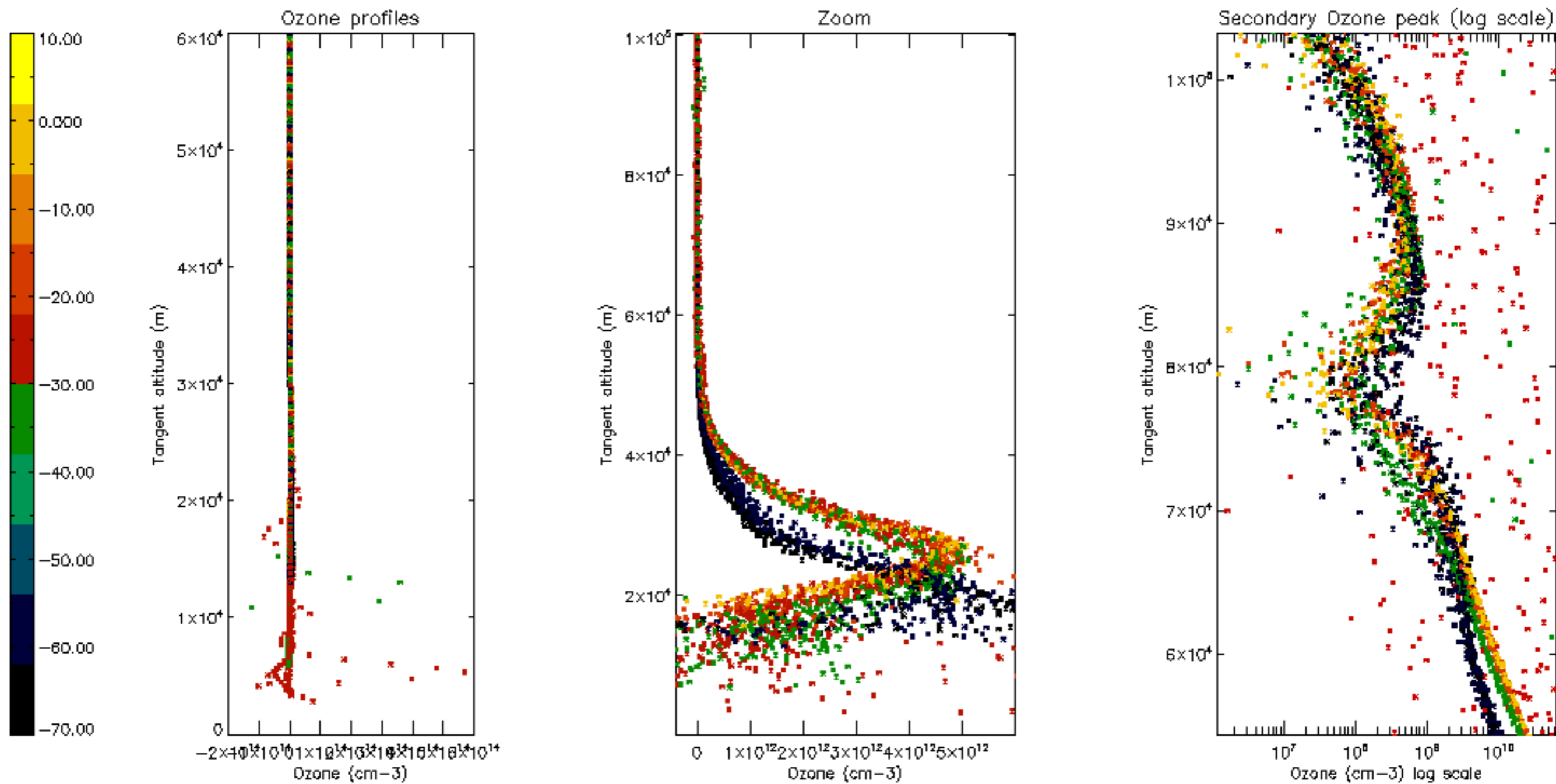


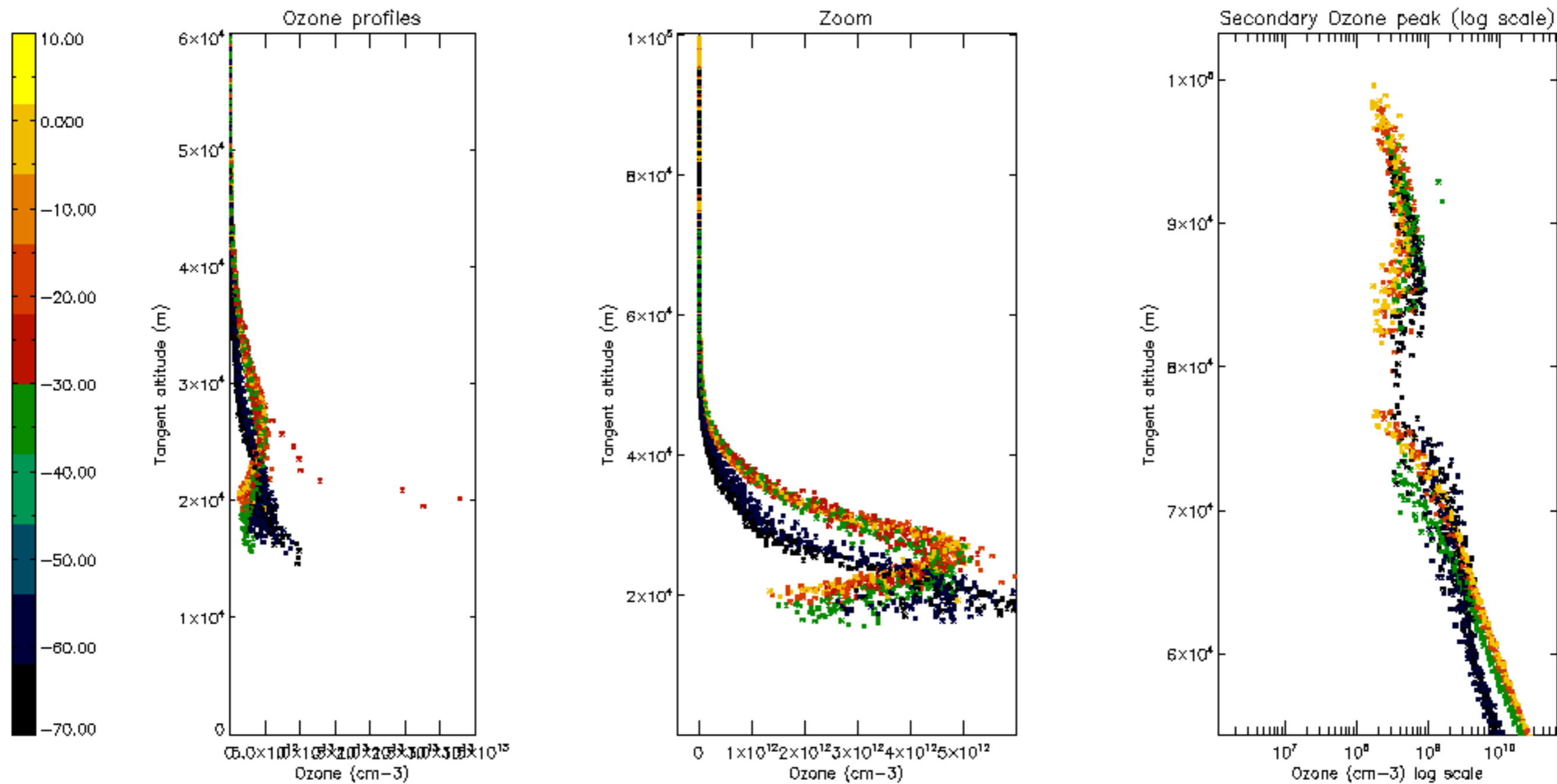
Percentage of star falling outside central band per profile

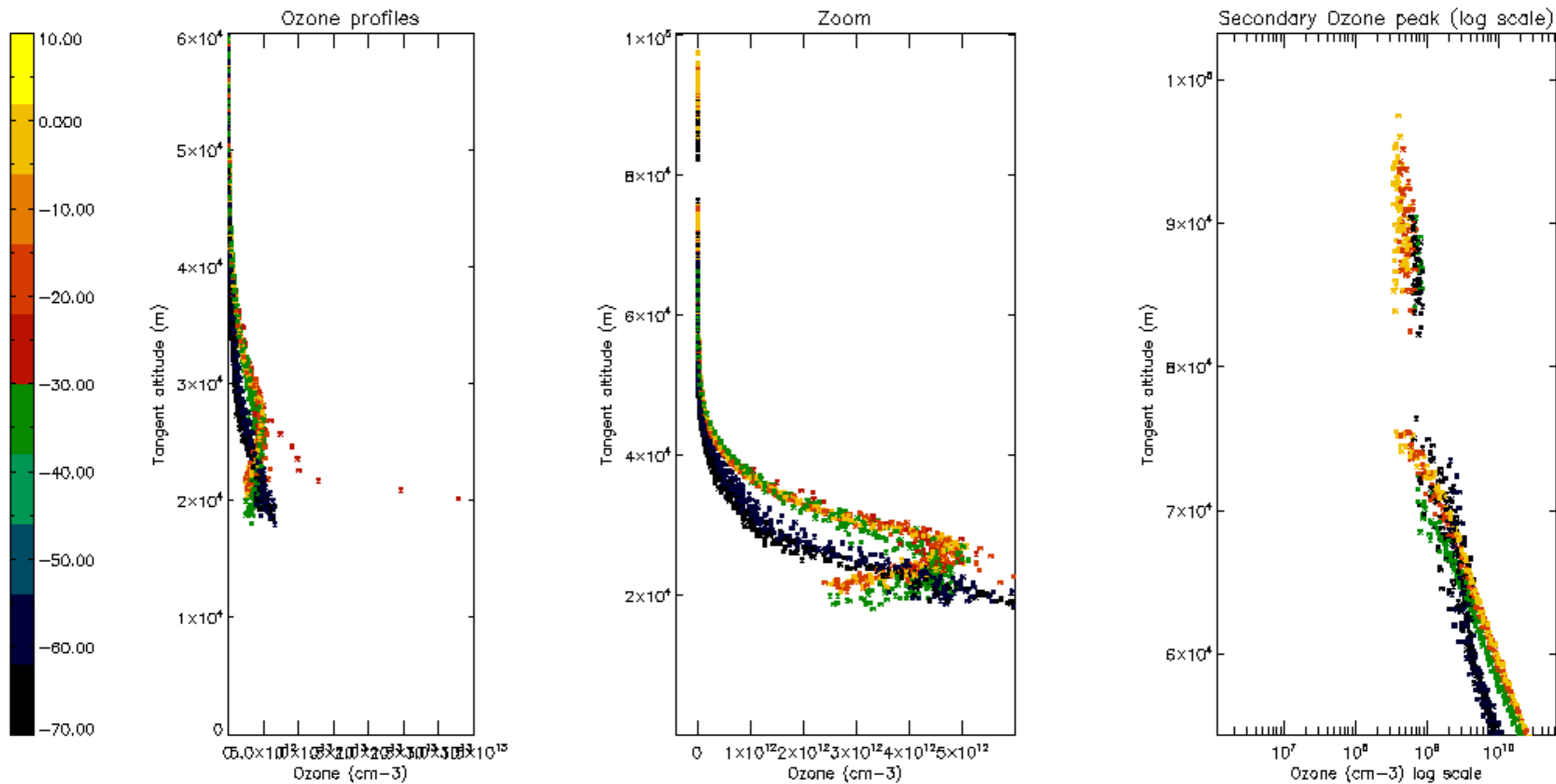


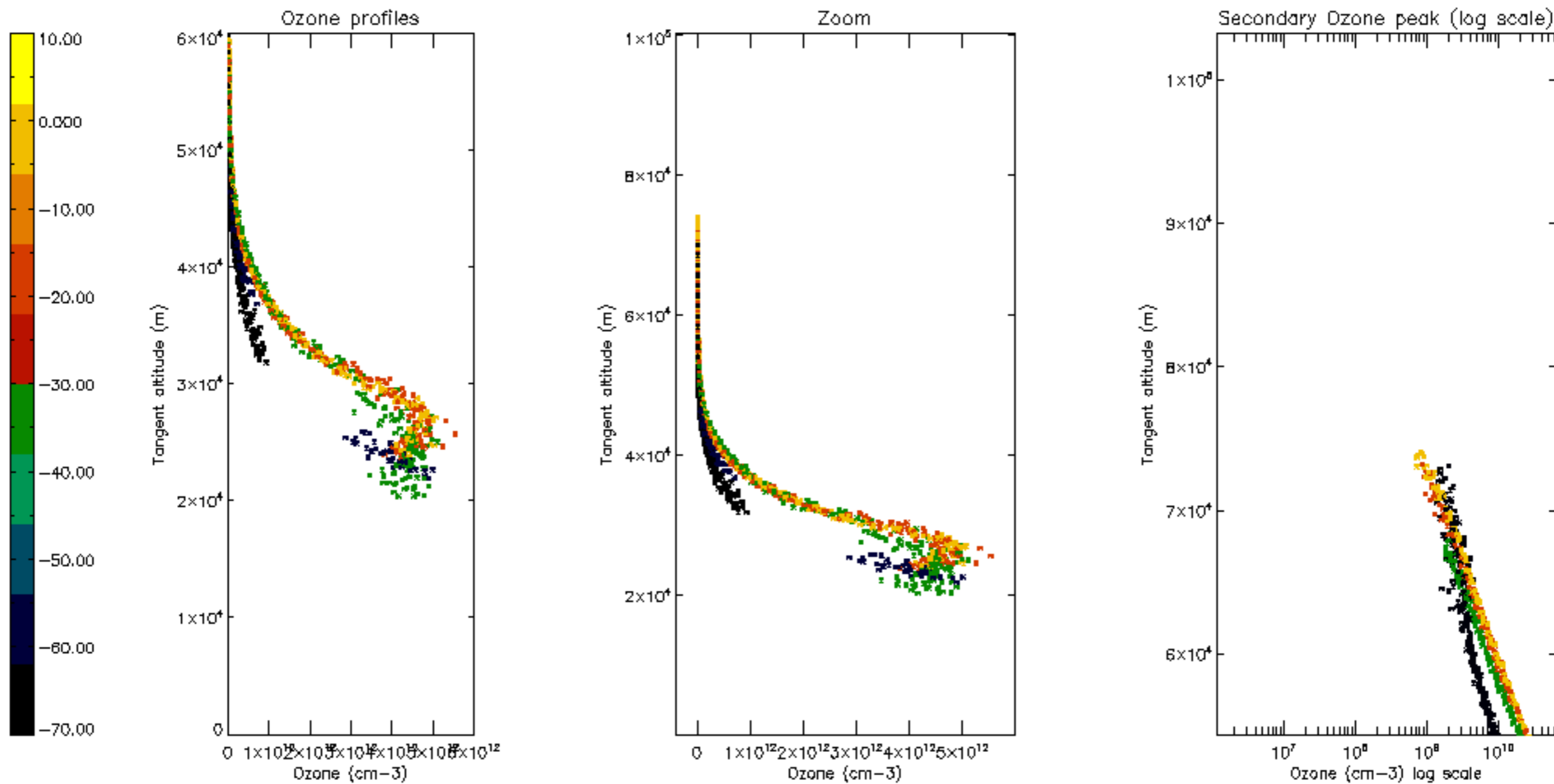
Percentage of saturation errors per profile



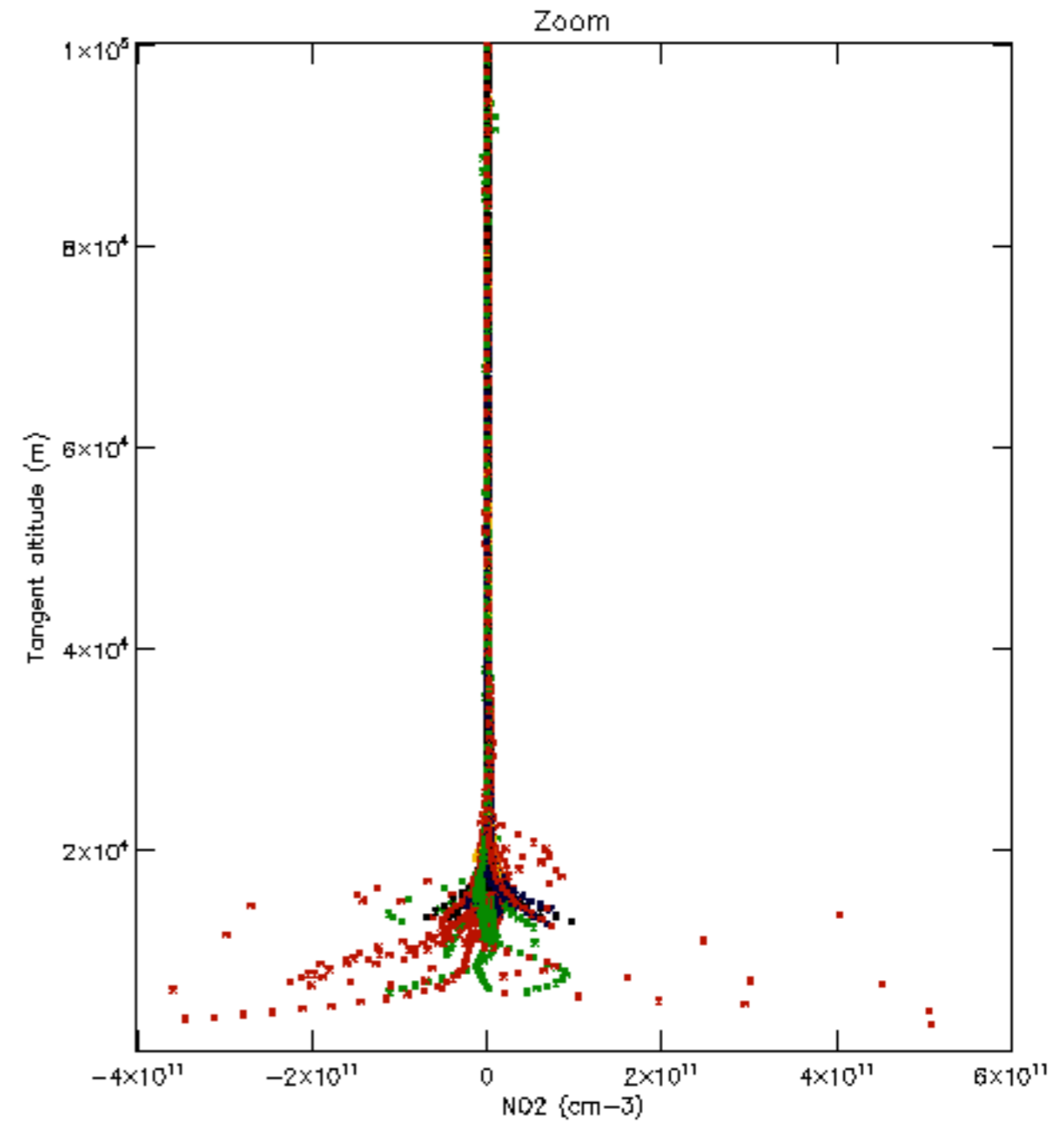
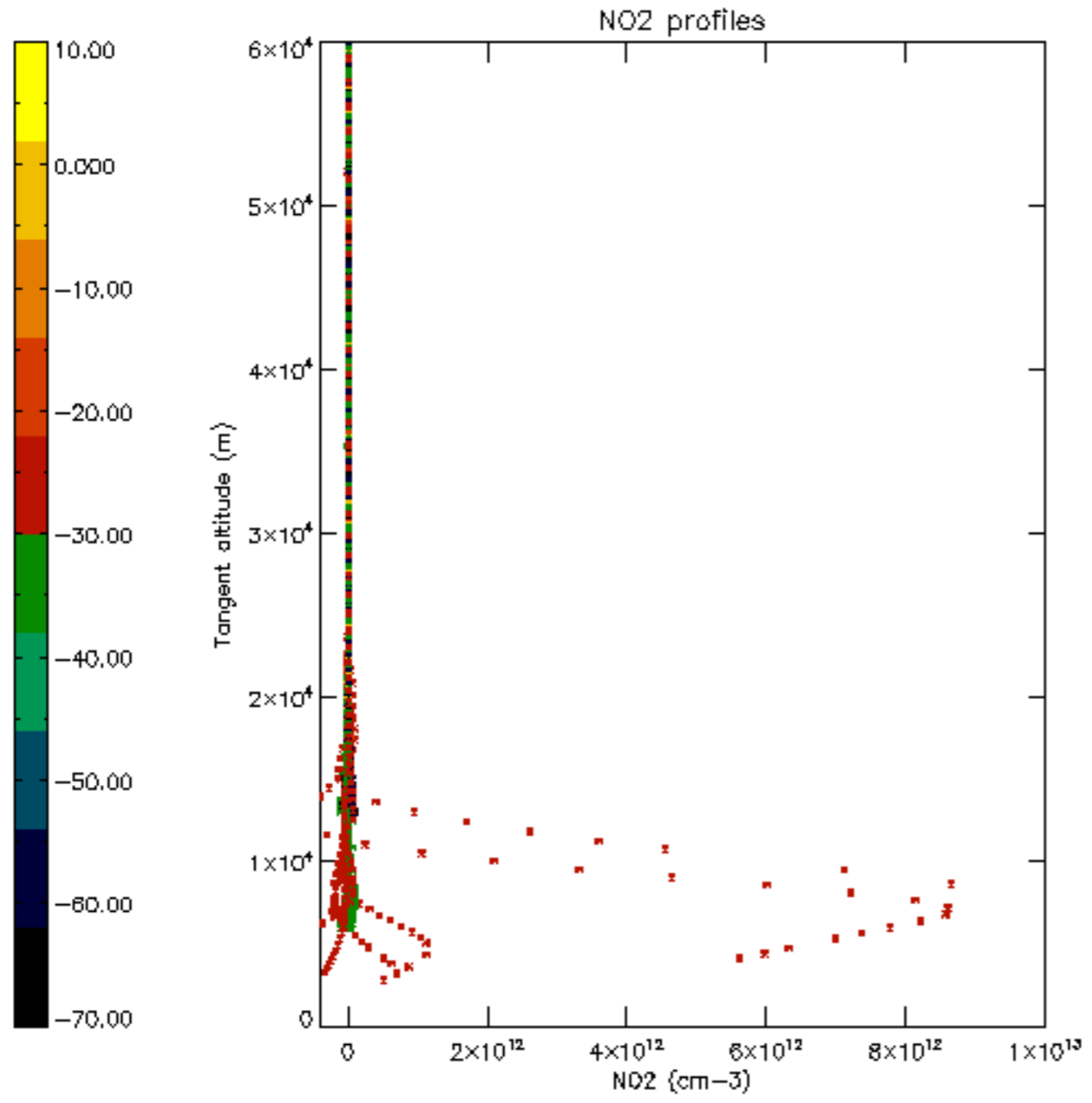


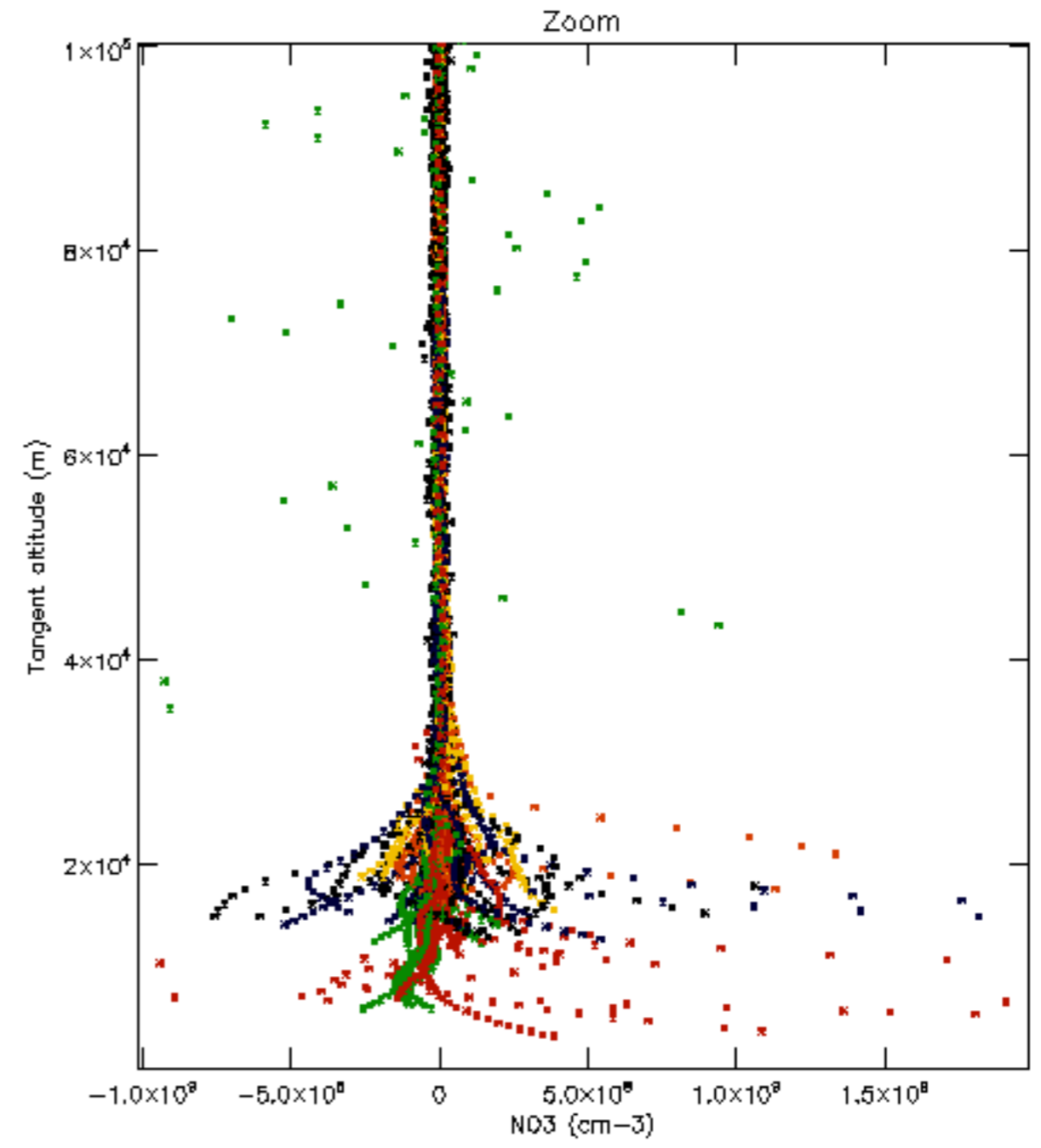
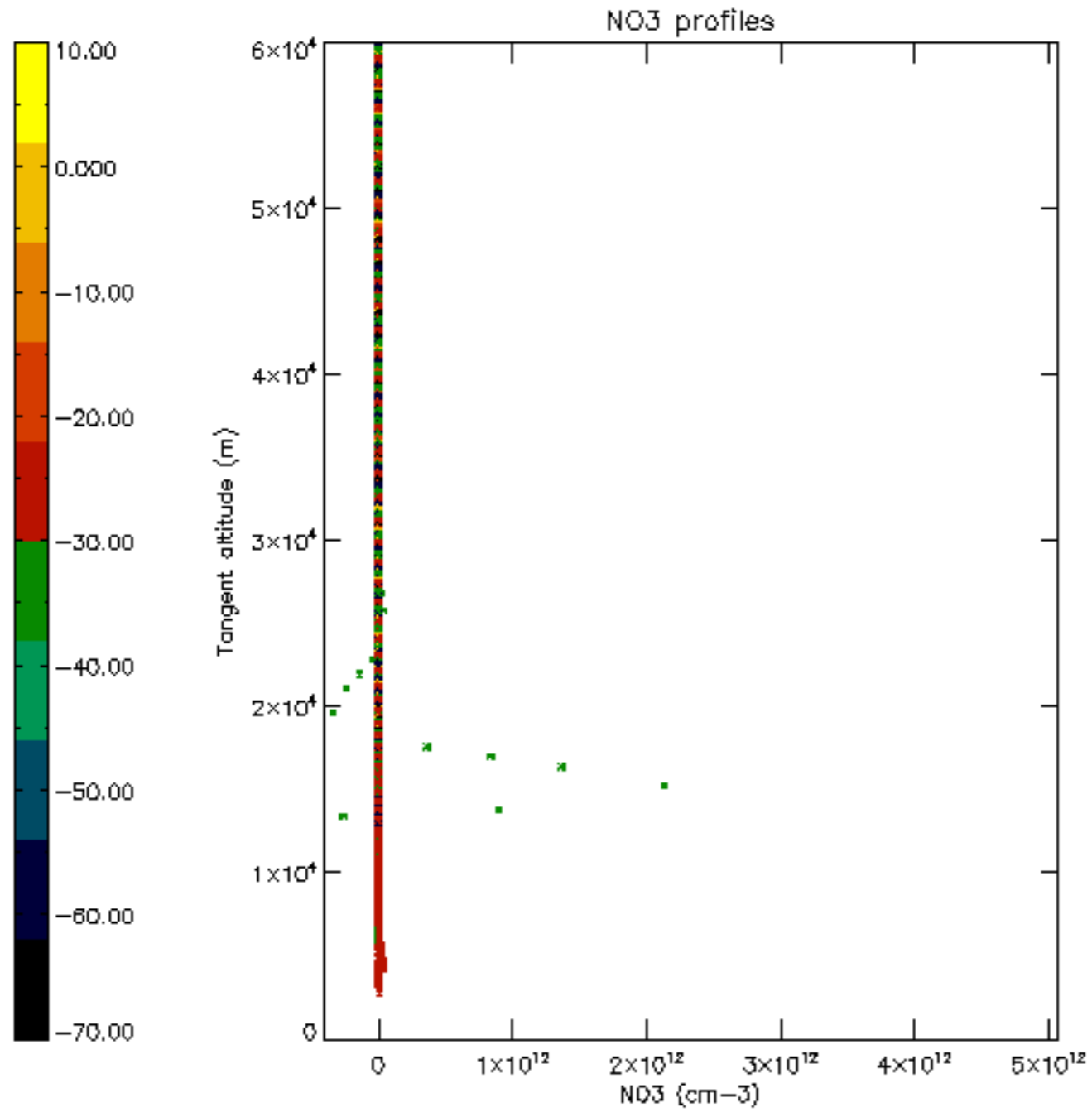


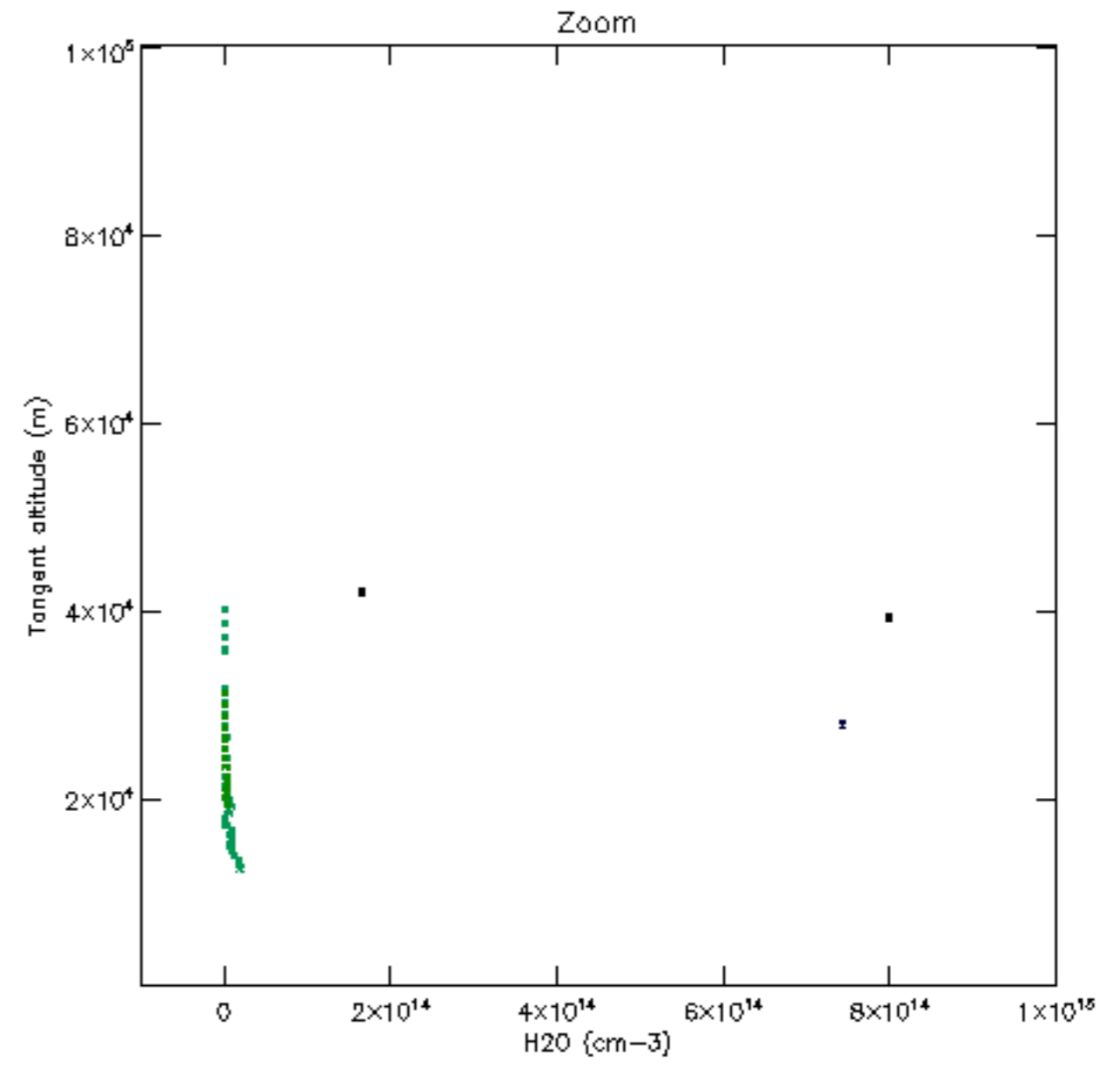
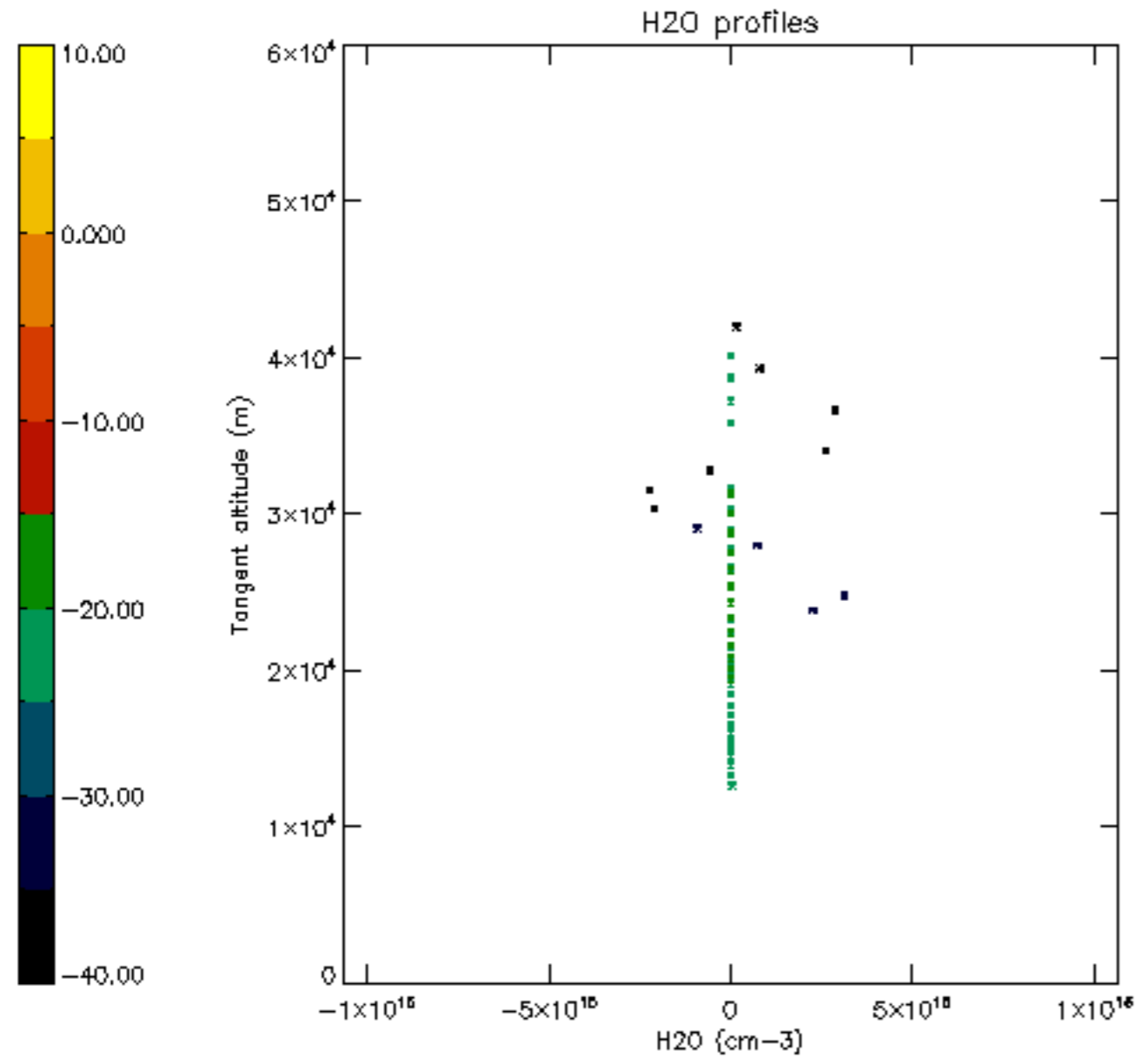


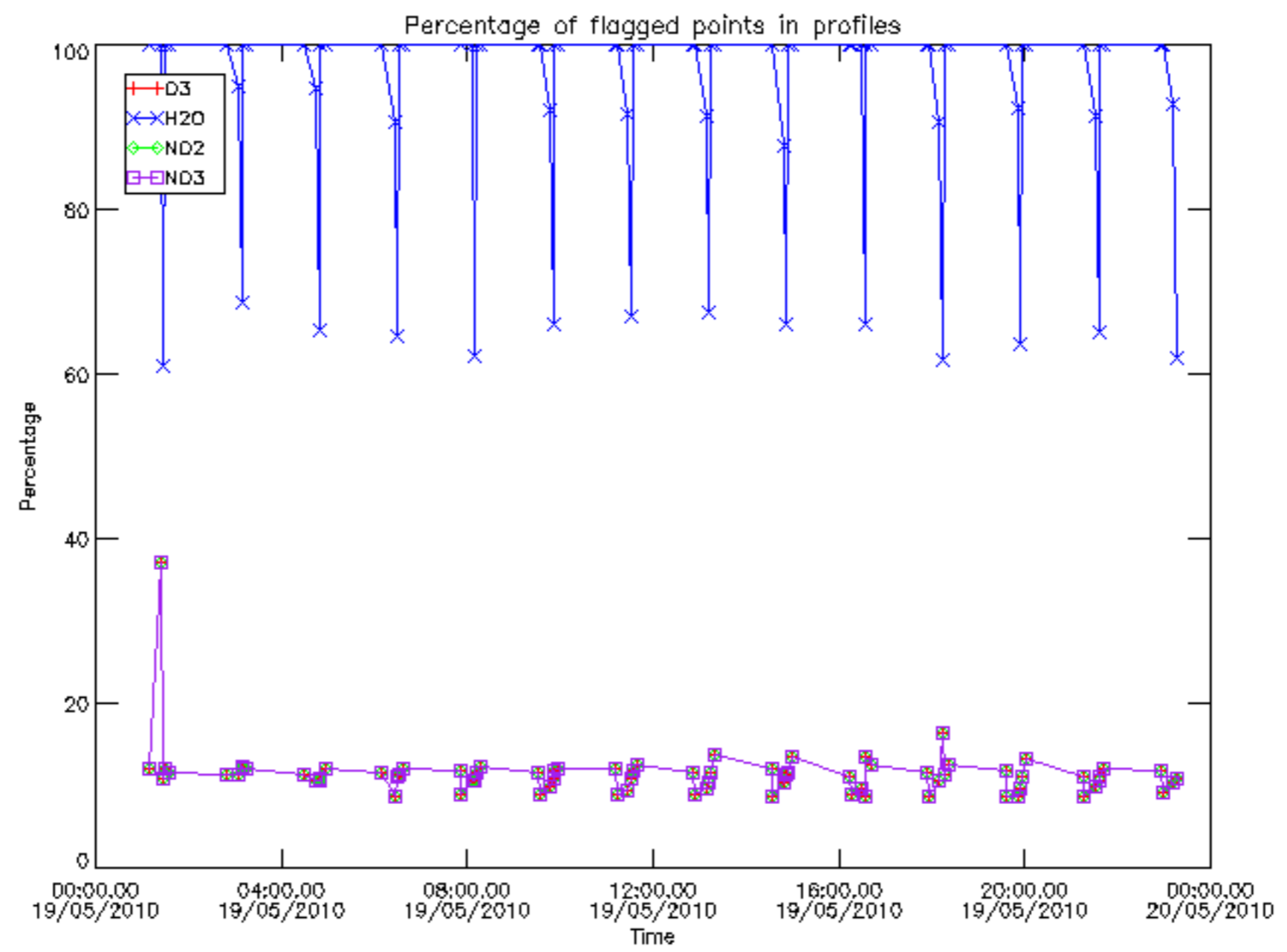




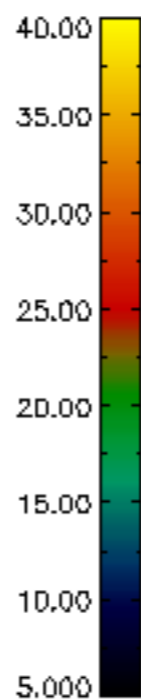
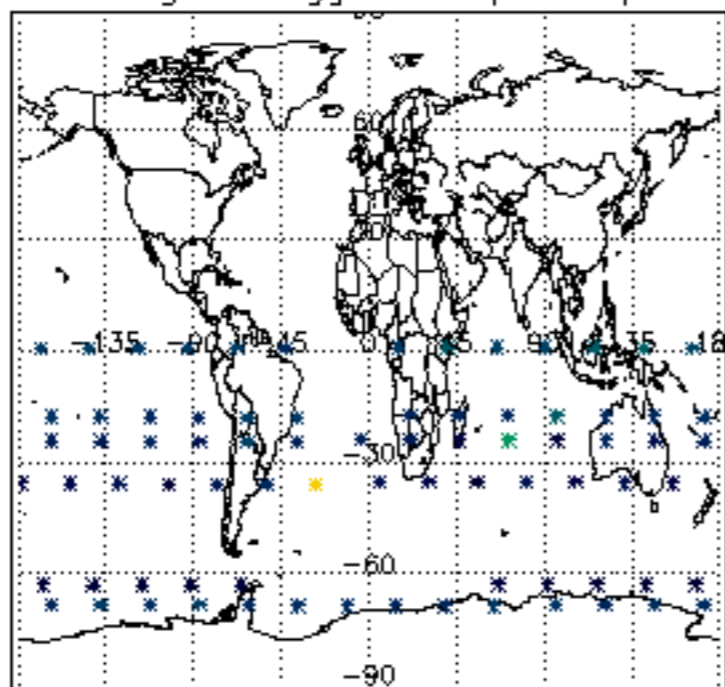




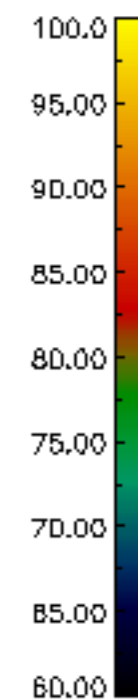
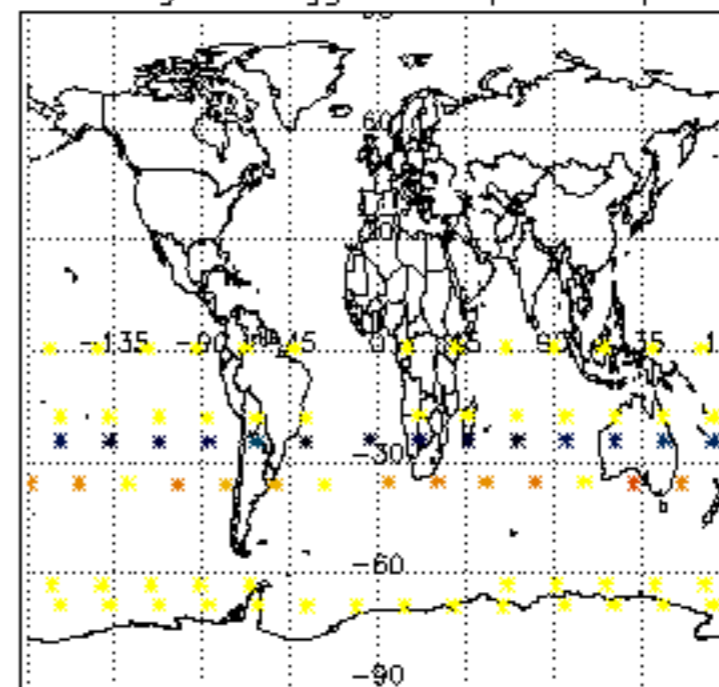




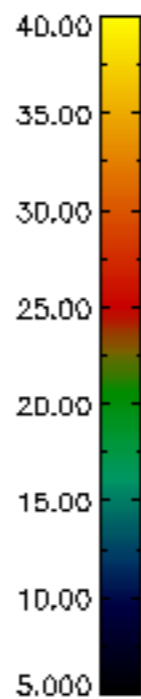
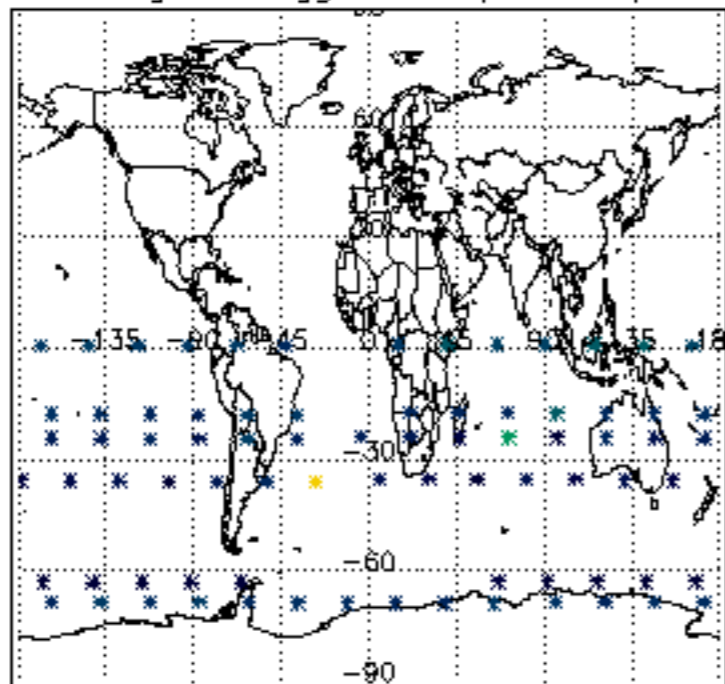
Percentage of flagged data per D3 profile



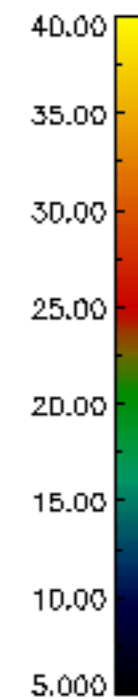
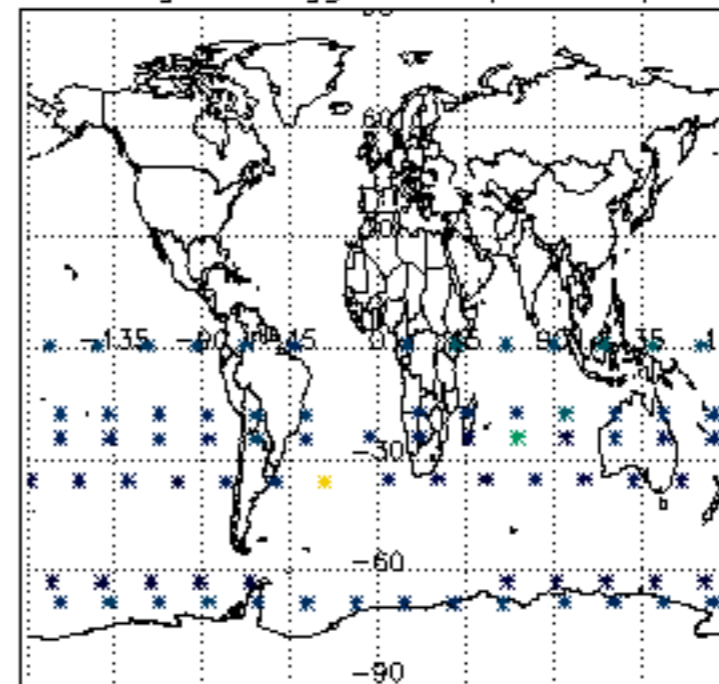
Percentage of flagged data per H2O profile

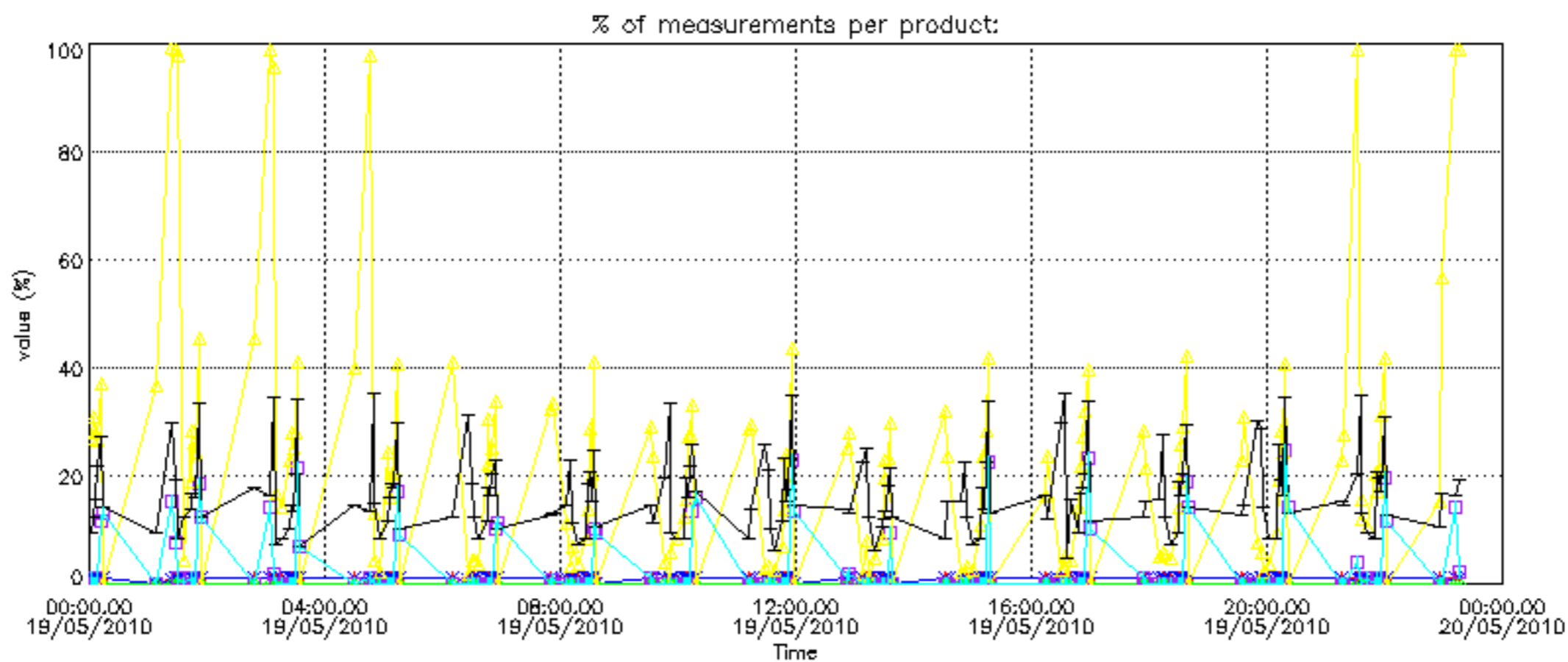


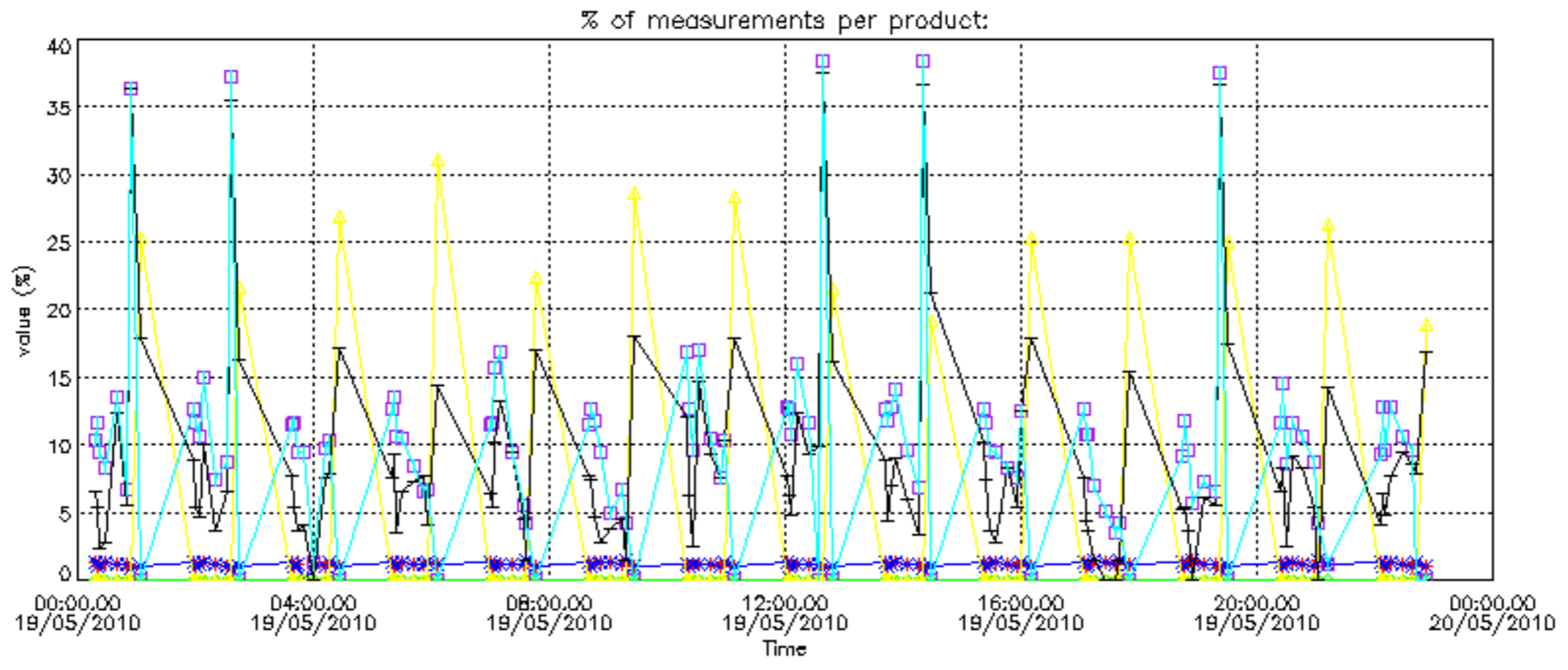
Percentage of flagged data per NO2 profile



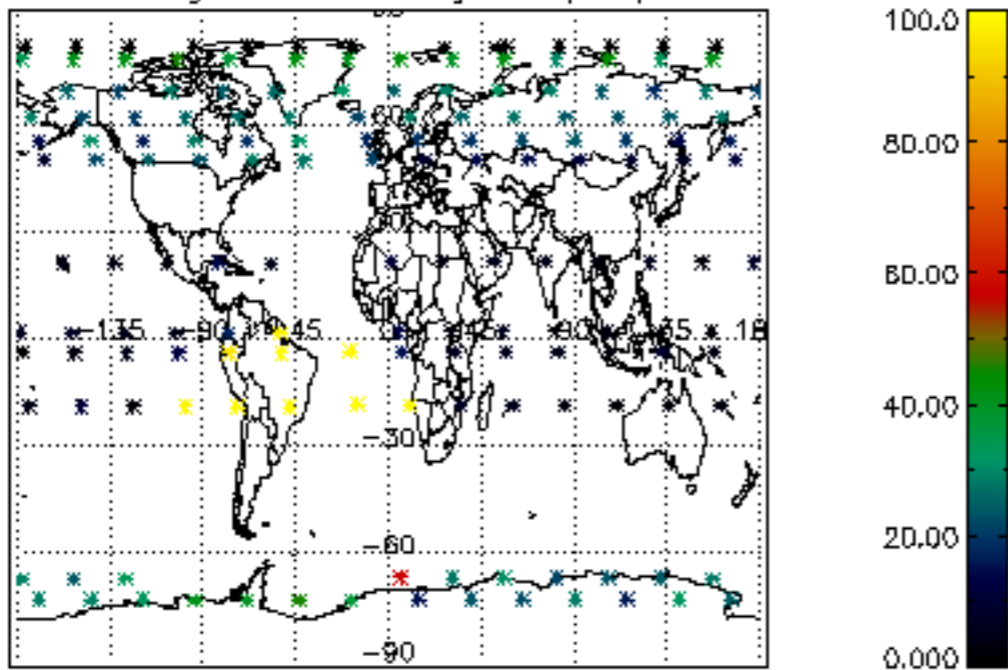
Percentage of flagged data per NO3 profile



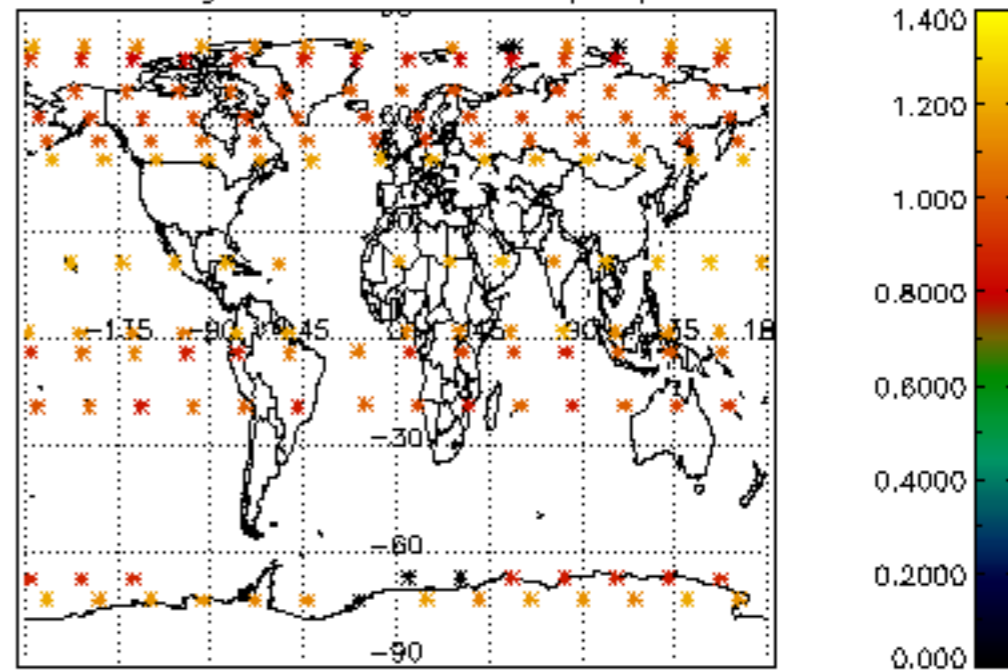




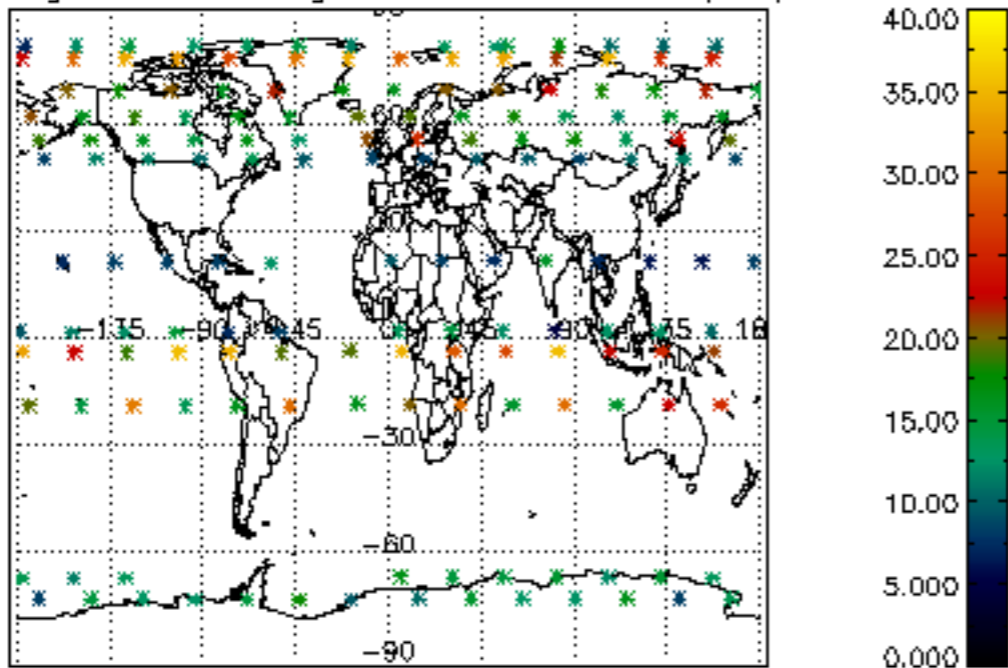
Percentage of cosmic ray hits per profile



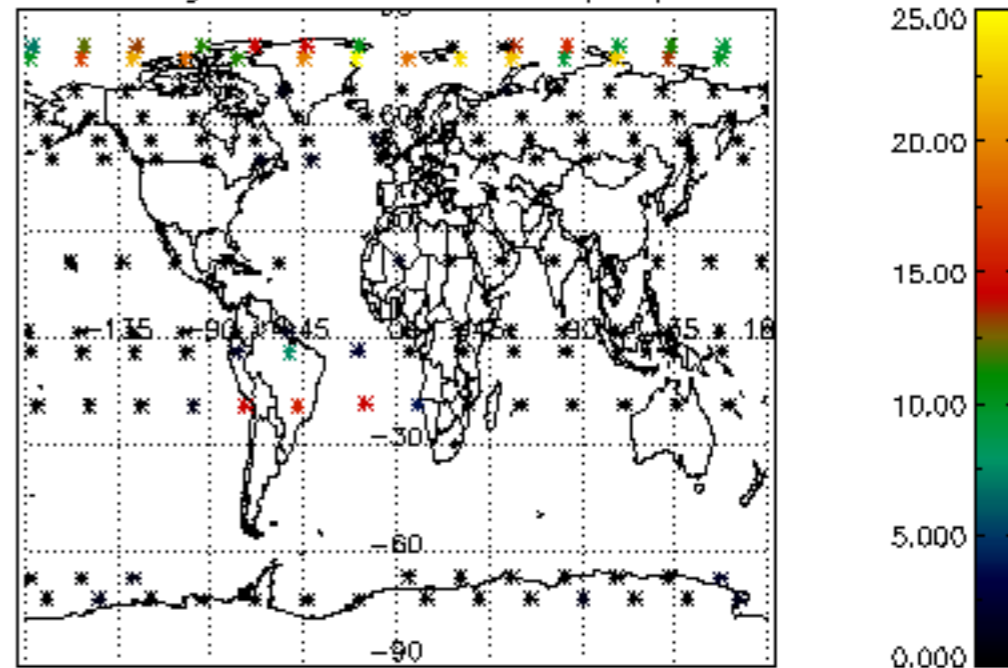
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

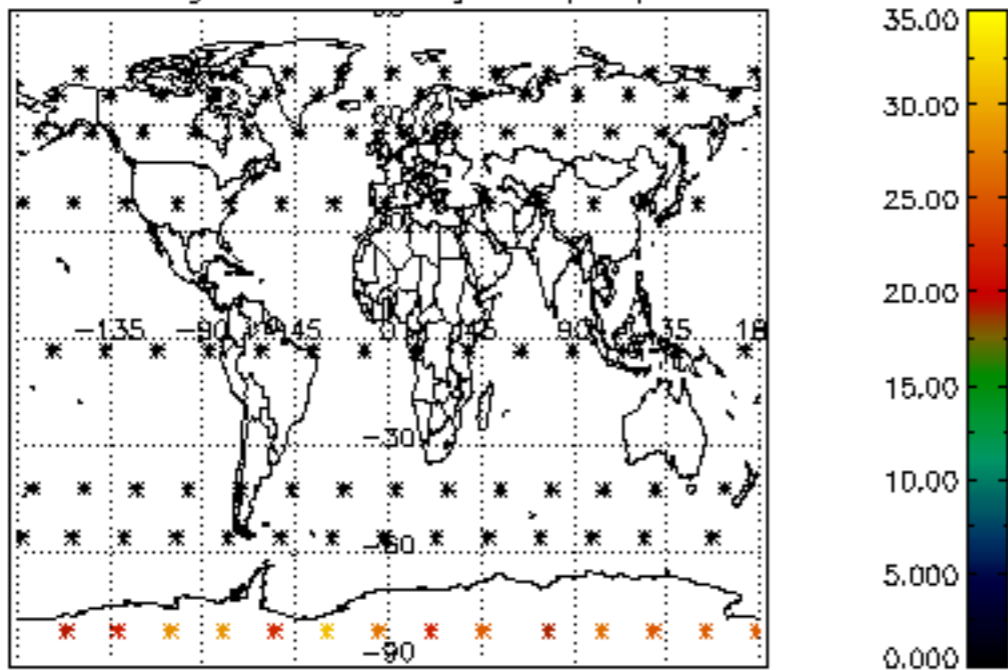


Percentage of saturation errors per profile

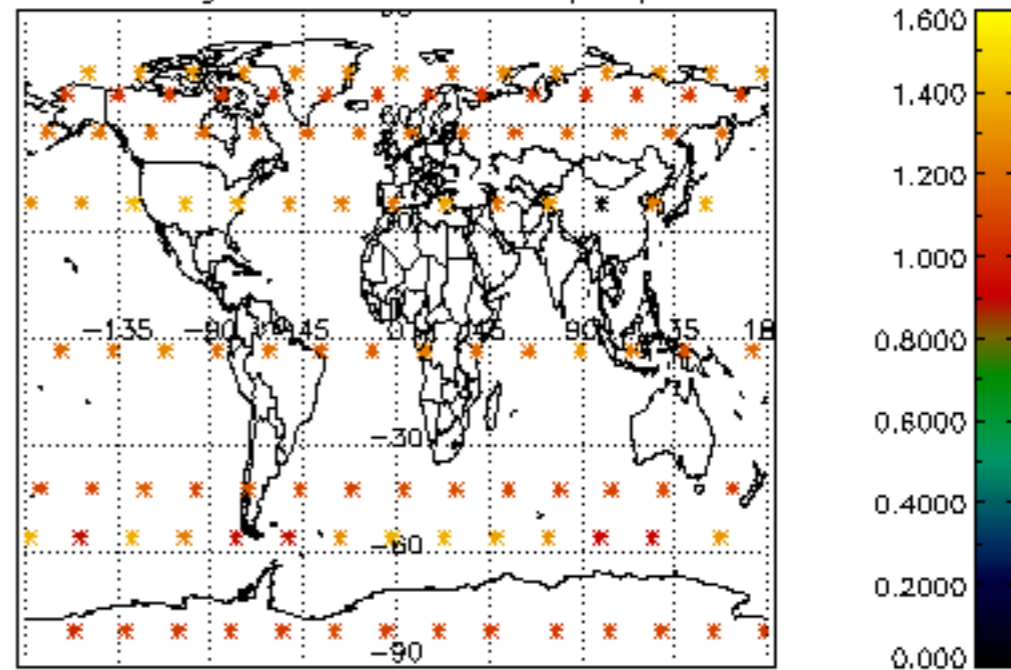




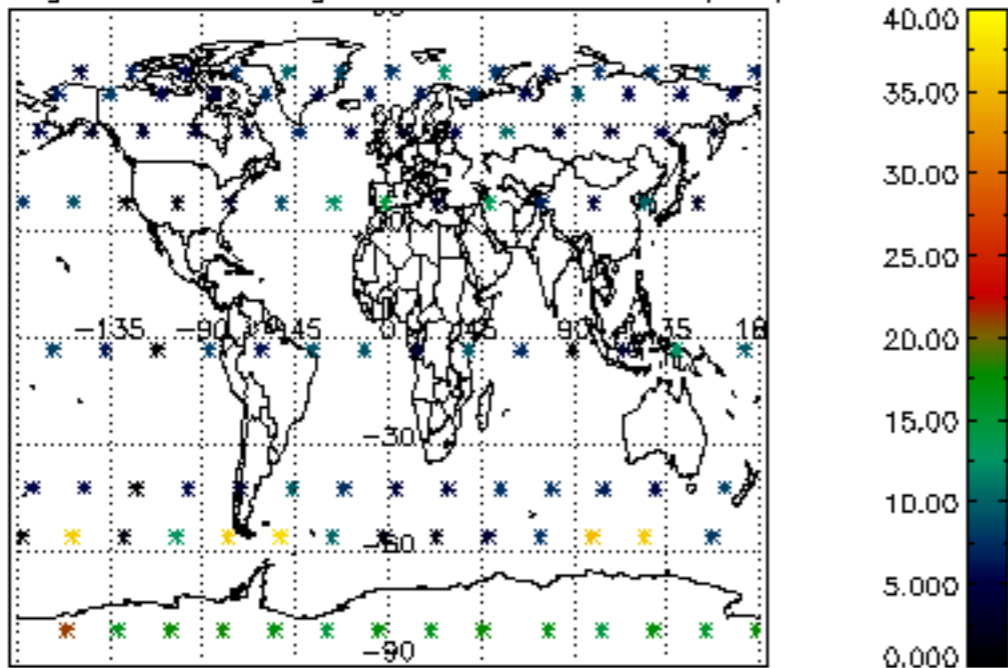
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

