

# 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	26APR2013 12:17:54
Data source version	GOMOS/6.01
Start time of products	29-08-2009 (29AUG2009 00:00:00)
Stop time of products	30-08-2009 (30AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	235
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__2PRFIN20090829_000704_000000442082_00059_39191_1840.N1	29-AUG-2009 00:07:04	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39191	No
2	GOM_NL__2PRFIN20090829_000915_000000452082_00059_39191_1841.N1	29-AUG-2009 00:09:15	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39191	No
3	GOM_NL__2PRFIN20090829_002339_000000602082_00059_39191_1842.N1	29-AUG-2009 00:23:39	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39191	No
4	GOM_NL__2PRFIN20090829_002710_000000502082_00059_39191_1843.N1	29-AUG-2009 00:27:10	Bright	50.000	107	37The Aur	2.6490	11000.	100	39191	No
5	GOM_NL__2PRFIN20090829_003206_000000562082_00059_39191_1844.N1	29-AUG-2009 00:32:06	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39191	No
6	GOM_NL__2PRFIN20090829_003349_000000472082_00059_39191_1845.N1	29-AUG-2009 00:33:49	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	39191	No
7	GOM_NL__2PRFIN20090829_003808_000000732082_00059_39191_1846.N1	29-AUG-2009 00:38:08	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39191	No
8	GOM_NL__2PRFIN20090829_004203_000000642082_00059_39191_1847.N1	29-AUG-2009 00:42:03	Dark	64.000	30	46Eps Ori	1.6940	30000.	128	39191	No
9	GOM_NL__2PRFIN20090829_004357_000000572082_00059_39191_1848.N1	29-AUG-2009 00:43:57	Dark	57.000	56	53Kap Ori	2.0650	30000.	114	39191	No
10	GOM_NL__2PRFIN20090829_004550_000000522082_00059_39191_1849.N1	29-AUG-2009 00:45:50	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	39191	No
11	GOM_NL__2PRFIN20090829_004706_000000532082_00059_39191_1850.N1	29-AUG-2009 00:47:06	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	39191	No
12	GOM_NL__2PRFIN20090829_010204_000000552082_00060_39192_1925.N1	29-AUG-2009 01:02:04	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39192	No
13	GOM_NL__2PRFIN20090829_011025_000000492082_00060_39192_1926.N1	29-AUG-2009 01:10:25	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39192	No
14	GOM_NL__2PRFIN20090829_011646_000000462082_00060_39192_1927.N1	29-AUG-2009 01:16:46	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39192	No
15	GOM_NL__2PRFIN20090829_012626_000000422082_00060_39192_1928.N1	29-AUG-2009 01:26:26	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39192	No
16	GOM_NL__2PRFIN20090829_013243_000000592082_00060_39192_1929.N1	29-AUG-2009 01:32:43	Bright	58.500	90	54Alp Peg	2.4870	11000.	117	39192	No
17	GOM_NL__2PRFIN20090829_013652_000000472082_00060_39192_1930.N1	29-AUG-2009 01:36:52	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	39192	No
18	GOM_NL__2PRFIN20090829_014739_000000452082_00060_39192_1931.N1	29-AUG-2009 01:47:39	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39192	No
19	GOM_NL__2PRFIN20090829_014950_000000462082_00060_39192_1932.N1	29-AUG-2009 01:49:50	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39192	No
20	GOM_NL__2PRFIN20090829_020414_000000582082_00060_39192_1933.N1	29-AUG-2009 02:04:14	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39192	No
21	GOM_NL__2PRFIN20090829_020745_000000472082_00060_39192_1934.N1	29-AUG-2009 02:07:45	Bright	46.500	107	37The Aur	2.6490	11000.	93	39192	No
22	GOM_NL__2PRFIN20090829_021242_000000512082_00060_39192_1935.N1	29-AUG-2009 02:12:42	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	39192	No
23	GOM_NL__2PRFIN20090829_021425_000000492082_00060_39192_1936.N1	29-AUG-2009 02:14:25	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39192	No
24	GOM_NL__2PRFIN20090829_021844_000000732082_00060_39192_1937.N1	29-AUG-2009 02:18:44	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39192	No
25	GOM_NL__2PRFIN20090829_022240_000000592082_00060_39192_1938.N1	29-AUG-2009 02:22:40	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39192	No
26	GOM_NL__2PRFIN20090829_022434_000000542082_00060_39192_1939.N1	29-AUG-2009 02:24:34	Dark	54.000	56	53Kap Ori	2.0650	30000.	108	39192	No
27	GOM_NL__2PRFIN20090829_022627_000000442082_00060_39192_1940.N1	29-AUG-2009 02:26:27	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	39192	No
28	GOM_NL__2PRFIN20090829_022743_000000522082_00060_39192_1941.N1	29-AUG-2009 02:27:43	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	39192	No
29	GOM_NL__2PRFIN20090829_024241_000000552082_00061_39193_1941.N1	29-AUG-2009 02:42:41	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39193	No
30	GOM_NL__2PRFIN20090829_025101_000000502082_00061_39193_1942.N1	29-AUG-2009 02:51:01	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39193	No
31	GOM_NL__2PRFIN20090829_025722_000000482082_00061_39193_1943.N1	29-AUG-2009 02:57:22	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39193	No
32	GOM_NL__2PRFIN20090829_030701_000000572082_00061_39193_1944.N1	29-AUG-2009 03:07:01	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39193	No
33	GOM_NL__2PRFIN20090829_031318_000000502082_00061_39193_1945.N1	29-AUG-2009 03:13:18	Bright	49.500	90	54Alp Peg	2.4870	11000.	99	39193	No
34	GOM_NL__2PRFIN20090829_031727_000000442082_00061_39193_1946.N1	29-AUG-2009 03:17:27	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39193	No
35	GOM_NL__2PRFIN20090829_032815_000000432082_00061_39193_1947.N1	29-AUG-2009 03:28:15	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39193	No
36	GOM_NL__2PRFIN20090829_033025_000000462082_00061_39193_1948.N1	29-AUG-2009 03:30:25	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39193	No
37	GOM_NL__2PRFIN20090829_034450_000000552082_00061_39193_1949.N1	29-AUG-2009 03:44:50	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39193	No
38	GOM_NL__2PRFIN20090829_034821_000000462082_00061_39193_1950.N1	29-AUG-2009 03:48:21	Bright	46.000	107	37The Aur	2.6490	11000.	92	39193	No
39	GOM_NL__2PRFIN20090829_035318_000000602082_00061_39193_1951.N1	29-AUG-2009 03:53:18	Twilight	59.500	151	13Mu Gem	2.8900	3000.0	119	39193	No
40	GOM_NL__2PRFIN20090829_035501_000000472082_00061_39193_1952.N1	29-AUG-2009 03:55:01	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	39193	No
41	GOM_NL__2PRFIN20090829_035921_000000592082_00061_39193_1953.N1	29-AUG-2009 03:59:21	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	39193	No
42	GOM_NL__2PRFIN20090829_040317_000000622082_00061_39193_1954.N1	29-AUG-2009 04:03:17	Dark	61.500	30	46Eps Ori	1.6940	30000.	123	39193	No

43	GOM_NL__2PRFIN20090829_040511_000000562082_00061_39193_1955.N1	29-AUG-2009 04:05:11	Dark	55.500	56	53Kap Ori	2.0650	30000.	111	39193	No
44	GOM_NL__2PRFIN20090829_040704_000000442082_00061_39193_1956.N1	29-AUG-2009 04:07:04	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	39193	No
45	GOM_NL__2PRFIN20090829_040820_000000512082_00061_39193_1957.N1	29-AUG-2009 04:08:20	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39193	No
46	GOM_NL__2PRFIN20090829_042318_000000562082_00062_39194_1956.N1	29-AUG-2009 04:23:18	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39194	No
47	GOM_NL__2PRFIN20090829_043138_000000512082_00062_39194_1957.N1	29-AUG-2009 04:31:38	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	39194	No
48	GOM_NL__2PRFIN20090829_043758_000000462082_00062_39194_1958.N1	29-AUG-2009 04:37:58	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39194	No
49	GOM_NL__2PRFIN20090829_044737_000000402082_00062_39194_1959.N1	29-AUG-2009 04:47:37	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39194	No
50	GOM_NL__2PRFIN20090829_045354_000000502082_00062_39194_1960.N1	29-AUG-2009 04:53:54	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39194	No
51	GOM_NL__2PRFIN20090829_045803_000000662082_00062_39194_1961.N1	29-AUG-2009 04:58:03	Bright	66.000	164	44Eta Peg	2.9480	5400.0	132	39194	No
52	GOM_NL__2PRFIN20090829_050850_000000462082_00062_39194_1962.N1	29-AUG-2009 05:08:50	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39194	No
53	GOM_NL__2PRFIN20090829_051100_000000472082_00062_39194_1963.N1	29-AUG-2009 05:11:00	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39194	No
54	GOM_NL__2PRFIN20090829_052526_000000582082_00062_39194_1964.N1	29-AUG-2009 05:25:26	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	39194	No
55	GOM_NL__2PRFIN20090829_052857_000000472082_00062_39194_1965.N1	29-AUG-2009 05:28:57	Bright	47.000	107	37The Aur	2.6490	11000.	94	39194	No
56	GOM_NL__2PRFIN20090829_053355_000000542082_00062_39194_1966.N1	29-AUG-2009 05:33:55	Tw_i_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	39194	No
57	GOM_NL__2PRFIN20090829_053538_000000472082_00062_39194_1967.N1	29-AUG-2009 05:35:38	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	39194	No
58	GOM_NL__2PRFIN20090829_053958_000000622082_00062_39194_1968.N1	29-AUG-2009 05:39:58	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	39194	No
59	GOM_NL__2PRFIN20090829_054354_000000612082_00062_39194_1969.N1	29-AUG-2009 05:43:54	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39194	No
60	GOM_NL__2PRFIN20090829_054548_000000552082_00062_39194_1970.N1	29-AUG-2009 05:45:48	Dark	54.500	56	53Kap Ori	2.0650	30000.	109	39194	No
61	GOM_NL__2PRFIN20090829_054742_000000372082_00062_39194_1971.N1	29-AUG-2009 05:47:42	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	39194	No
62	GOM_NL__2PRFIN20090829_054857_000000552082_00062_39194_1972.N1	29-AUG-2009 05:48:57	Dark	54.500	101	11Alp Lep	2.5820	7000.0	109	39194	No
63	GOM_NL__2PRFIN20090829_060355_000000562082_00063_39195_1970.N1	29-AUG-2009 06:03:55	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39195	No
64	GOM_NL__2PRFIN20090829_061214_000000492082_00063_39195_1971.N1	29-AUG-2009 06:12:14	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39195	No
65	GOM_NL__2PRFIN20090829_061834_000000452082_00063_39195_1972.N1	29-AUG-2009 06:18:34	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	39195	No
66	GOM_NL__2PRFIN20090829_062813_000000572082_00063_39195_1973.N1	29-AUG-2009 06:28:13	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39195	No
67	GOM_NL__2PRFIN20090829_063429_000000522082_00063_39195_1974.N1	29-AUG-2009 06:34:29	Bright	51.500	90	54Alp Peg	2.4870	11000.	103	39195	No
68	GOM_NL__2PRFIN20090829_063839_000000452082_00063_39195_1975.N1	29-AUG-2009 06:38:39	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39195	No
69	GOM_NL__2PRFIN20090829_064925_000000442082_00063_39195_1976.N1	29-AUG-2009 06:49:25	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39195	No
70	GOM_NL__2PRFIN20090829_065135_000000452082_00063_39195_1977.N1	29-AUG-2009 06:51:35	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39195	No
71	GOM_NL__2PRFIN20090829_070602_000000552082_00063_39195_1978.N1	29-AUG-2009 07:06:02	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39195	No
72	GOM_NL__2PRFIN20090829_070933_000000452082_00063_39195_1979.N1	29-AUG-2009 07:09:33	Bright	44.500	107	37The Aur	2.6490	11000.	89	39195	No
73	GOM_NL__2PRFIN20090829_071431_000000492082_00063_39195_1980.N1	29-AUG-2009 07:14:31	Tw_i_and_stray	48.500	151	13Mu Gem	2.8900	3000.0	97	39195	No
74	GOM_NL__2PRFIN20090829_071614_000000452082_00063_39195_1981.N1	29-AUG-2009 07:16:14	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	39195	No
75	GOM_NL__2PRFIN20090829_072034_000000702082_00063_39195_1982.N1	29-AUG-2009 07:20:34	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39195	No
76	GOM_NL__2PRFIN20090829_072431_000000612082_00063_39195_1983.N1	29-AUG-2009 07:24:31	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39195	No
77	GOM_NL__2PRFIN20090829_072624_000000532082_00063_39195_1984.N1	29-AUG-2009 07:26:24	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39195	No
78	GOM_NL__2PRFIN20090829_072819_000000372082_00063_39195_1985.N1	29-AUG-2009 07:28:19	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	39195	No
79	GOM_NL__2PRFIN20090829_072934_000000522082_00063_39195_1986.N1	29-AUG-2009 07:29:34	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	39195	No
80	GOM_NL__2PRFIN20090829_074432_000000552082_00064_39196_1984.N1	29-AUG-2009 07:44:32	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39196	No
81	GOM_NL__2PRFIN20090829_075251_000000482082_00064_39196_1985.N1	29-AUG-2009 07:52:51	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39196	No
82	GOM_NL__2PRFIN20090829_075911_000000492082_00064_39196_1986.N1	29-AUG-2009 07:59:11	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39196	No
83	GOM_NL__2PRFIN20090829_080849_000000572082_00064_39196_1987.N1	29-AUG-2009 08:08:49	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39196	No
84	GOM_NL__2PRFIN20090829_081504_000000502082_00064_39196_1988.N1	29-AUG-2009 08:15:04	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39196	No
85	GOM_NL__2PRFIN20090829_081914_000000442082_00064_39196_1989.N1	29-AUG-2009 08:19:14	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39196	No
86	GOM_NL__2PRFIN20090829_083001_000000462082_00064_39196_1990.N1	29-AUG-2009 08:30:01	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39196	No
87	GOM_NL__2PRFIN20090829_083211_000000452082_00064_39196_1991.N1	29-AUG-2009 08:32:11	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39196	No
88	GOM_NL__2PRFIN20090829_084724_000000472082_00064_39196_1992.N1	29-AUG-2009 08:47:24	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	39196	No
89	GOM_NL__2PRFIN20090829_085009_000000462082_00064_39196_1993.N1	29-AUG-2009 08:50:09	Bright	46.000	107	37The Aur	2.6490	11000.	92	39196	No
90	GOM_NL__2PRFIN20090829_085507_000000542082_00064_39196_1994.N1	29-AUG-2009 08:55:07	Tw_i_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	39196	No
91	GOM_NL__2PRFIN20090829_085650_000000462082_00064_39196_1995.N1	29-AUG-2009 08:56:50	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39196	No
92	GOM_NL__2PRFIN20090829_090111_000000732082_00064_39196_1996.N1	29-AUG-2009 09:01:11	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39196	No
93	GOM_NL__2PRFIN20090829_090508_000000632082_00064_39196_1997.N1	29-AUG-2009 09:05:08	Dark	62.500	30	46Eps Ori	1.6940	30000.	125	39196	No
94	GOM_NL__2PRFIN20090829_090701_000000552082_00064_39196_1998.N1	29-AUG-2009 09:07:01	Dark	54.500	56	53Kap Ori	2.0650	30000.	109	39196	No
95	GOM_NL__2PRFIN20090829_090856_000000302082_00064_39196_1999.N1	29-AUG-2009 09:08:56	Dark	30.000	7	19Bet Ori	0.10000	14000.	60	39196	No
96	GOM_NL__2PRFIN20090829_091011_000000512082_00064_39196_2000.N1	29-AUG-2009 09:10:11	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39196	No
97	GOM_NL__2PRFIN20090829_092509_000000542082_00065_39197_1998.N1	29-AUG-2009 09:25:09	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39197	No
98	GOM_NL__2PRFIN20090829_093327_000000512082_00065_39197_1999.N1	29-AUG-2009 09:33:27	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39197	No
99	GOM_NL__2PRFIN20090829_093947_000000462082_00065_39197_2000.N1	29-AUG-2009 09:39:47	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39197	No
100	GOM_NL__2PRFIN20090829_094925_000000392082_00065_39197_2001.N1	29-AUG-2009 09:49:25	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39197	No
101	GOM_NL__2PRFIN20090829_095539_000000502082_00065_39197_2002.N1	29-AUG-2009 09:55:39	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39197	No

102	GOM_NL__2PRFIN20090829_095949_000000442082_00065_39197_2003.N1	29-AUG-2009 09:59:49	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39197	No
103	GOM_NL__2PRFIN20090829_101036_000000442082_00065_39197_2004.N1	29-AUG-2009 10:10:36	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39197	No
104	GOM_NL__2PRFIN20090829_101246_000000472082_00065_39197_2005.N1	29-AUG-2009 10:12:46	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39197	No
105	GOM_NL__2PRFIN20090829_102800_000000462082_00065_39197_2006.N1	29-AUG-2009 10:28:00	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	39197	No
106	GOM_NL__2PRFIN20090829_103045_000000462082_00065_39197_2007.N1	29-AUG-2009 10:30:45	Bright	45.500	107	37The Aur	2.6490	11000.	91	39197	No
107	GOM_NL__2PRFIN20090829_103543_000000592082_00065_39197_2008.N1	29-AUG-2009 10:35:43	Twilight	59.000	151	13Mu Gem	2.8900	3000.0	118	39197	No
108	GOM_NL__2PRFIN20090829_103726_000000482082_00065_39197_2009.N1	29-AUG-2009 10:37:26	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	39197	No
109	GOM_NL__2PRFIN20090829_104148_000000632082_00065_39197_2010.N1	29-AUG-2009 10:41:48	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39197	No
110	GOM_NL__2PRFIN20090829_104545_000000612082_00065_39197_2011.N1	29-AUG-2009 10:45:45	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39197	No
111	GOM_NL__2PRFIN20090829_104738_000000532082_00065_39197_2012.N1	29-AUG-2009 10:47:38	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39197	No
112	GOM_NL__2PRFIN20090829_104934_000000302082_00065_39197_2013.N1	29-AUG-2009 10:49:34	Dark	30.000	7	19Bet Ori	0.10000	14000.	60	39197	No
113	GOM_NL__2PRFIN20090829_105048_000000522082_00065_39197_2014.N1	29-AUG-2009 10:50:48	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	39197	No
114	GOM_NL__2PRFIN20090829_110546_000000552082_00066_39198_2012.N1	29-AUG-2009 11:05:46	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39198	No
115	GOM_NL__2PRFIN20090829_111404_000000512082_00066_39198_2013.N1	29-AUG-2009 11:14:04	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39198	No
116	GOM_NL__2PRFIN20090829_112023_000000462082_00066_39198_2014.N1	29-AUG-2009 11:20:23	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39198	No
117	GOM_NL__2PRFIN20090829_113001_000000392082_00066_39198_2015.N1	29-AUG-2009 11:30:01	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39198	No
118	GOM_NL__2PRFIN20090829_113615_000000492082_00066_39198_2016.N1	29-AUG-2009 11:36:15	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39198	No
119	GOM_NL__2PRFIN20090829_114025_000000442082_00066_39198_2017.N1	29-AUG-2009 11:40:25	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39198	No
120	GOM_NL__2PRFIN20090829_115111_000000442082_00066_39198_2018.N1	29-AUG-2009 11:51:11	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39198	No
121	GOM_NL__2PRFIN20090829_115321_000000462082_00066_39198_2019.N1	29-AUG-2009 11:53:21	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39198	No
122	GOM_NL__2PRFIN20090829_120836_000000452082_00066_39198_2020.N1	29-AUG-2009 12:08:36	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	39198	No
123	GOM_NL__2PRFIN20090829_121121_000000482082_00066_39198_2021.N1	29-AUG-2009 12:11:21	Bright	48.000	107	37The Aur	2.6490	11000.	96	39198	No
124	GOM_NL__2PRFIN20090829_121619_000000542082_00066_39198_2022.N1	29-AUG-2009 12:16:19	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	39198	No
125	GOM_NL__2PRFIN20090829_121803_000000492082_00066_39198_2023.N1	29-AUG-2009 12:18:03	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39198	No
126	GOM_NL__2PRFIN20090829_122224_000000732082_00066_39198_2024.N1	29-AUG-2009 12:22:24	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39198	No
127	GOM_NL__2PRFIN20090829_122622_000000592082_00066_39198_2025.N1	29-AUG-2009 12:26:22	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39198	No
128	GOM_NL__2PRFIN20090829_122848_000000482082_00066_39198_2026.N1	29-AUG-2009 12:28:48	Dark	47.500	47	2Bet CMa	1.9760	28000.	95	39198	No
129	GOM_NL__2PRFIN20090829_123125_000000542082_00066_39198_2027.N1	29-AUG-2009 12:31:25	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	39198	No
130	GOM_NL__2PRFIN20090829_124624_000000552082_00067_39199_2026.N1	29-AUG-2009 12:46:24	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39199	No
131	GOM_NL__2PRFIN20090829_125440_000000472082_00067_39199_2027.N1	29-AUG-2009 12:54:40	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39199	No
132	GOM_NL__2PRFIN20090829_130059_000000462082_00067_39199_2028.N1	29-AUG-2009 13:00:59	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39199	No
133	GOM_NL__2PRFIN20090829_131036_000000392082_00067_39199_2029.N1	29-AUG-2009 13:10:36	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39199	No
134	GOM_NL__2PRFIN20090829_131650_000000492082_00067_39199_2030.N1	29-AUG-2009 13:16:50	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39199	No
135	GOM_NL__2PRFIN20090829_132100_000000442082_00067_39199_2031.N1	29-AUG-2009 13:21:00	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39199	No
136	GOM_NL__2PRFIN20090829_133146_000000452082_00067_39199_2032.N1	29-AUG-2009 13:31:46	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39199	No
137	GOM_NL__2PRFIN20090829_133356_000000462082_00067_39199_2033.N1	29-AUG-2009 13:33:56	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39199	No
138	GOM_NL__2PRFIN20090829_134912_000000472082_00067_39199_2034.N1	29-AUG-2009 13:49:12	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	39199	No
139	GOM_NL__2PRFIN20090829_135157_000000492082_00067_39199_2035.N1	29-AUG-2009 13:51:57	Bright	48.500	107	37The Aur	2.6490	11000.	97	39199	No
140	GOM_NL__2PRFIN20090829_135655_000000552082_00067_39199_2036.N1	29-AUG-2009 13:56:55	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	39199	No
141	GOM_NL__2PRFIN20090829_135839_000000492082_00067_39199_2037.N1	29-AUG-2009 13:58:39	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39199	No
142	GOM_NL__2PRFIN20090829_140301_000000702082_00067_39199_2038.N1	29-AUG-2009 14:03:01	Dark	69.500	14	58Alp Ori	0.87000	3000.0	139	39199	No
143	GOM_NL__2PRFIN20090829_140659_000000612082_00067_39199_2039.N1	29-AUG-2009 14:06:59	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39199	No
144	GOM_NL__2PRFIN20090829_140925_000000462082_00067_39199_2040.N1	29-AUG-2009 14:09:25	Dark	45.500	47	2Bet CMa	1.9760	28000.	91	39199	No
145	GOM_NL__2PRFIN20090829_141202_000000592082_00067_39199_2041.N1	29-AUG-2009 14:12:02	Dark	58.500	101	11Alp Lep	2.5820	7000.0	117	39199	No
146	GOM_NL__2PRFIN20090829_142701_000000532082_00068_39200_2042.N1	29-AUG-2009 14:27:01	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39200	No
147	GOM_NL__2PRFIN20090829_143517_000000532082_00068_39200_2043.N1	29-AUG-2009 14:35:17	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39200	No
148	GOM_NL__2PRFIN20090829_144136_000000462082_00068_39200_2044.N1	29-AUG-2009 14:41:36	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39200	No
149	GOM_NL__2PRFIN20090829_145113_000000412082_00068_39200_2045.N1	29-AUG-2009 14:51:13	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39200	No
150	GOM_NL__2PRFIN20090829_145725_000000492082_00068_39200_2046.N1	29-AUG-2009 14:57:25	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39200	No
151	GOM_NL__2PRFIN20090829_150135_000000442082_00068_39200_2047.N1	29-AUG-2009 15:01:35	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39200	No
152	GOM_NL__2PRFIN20090829_151221_000000442082_00068_39200_2048.N1	29-AUG-2009 15:12:21	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39200	No
153	GOM_NL__2PRFIN20090829_151432_000000472082_00068_39200_2049.N1	29-AUG-2009 15:14:32	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39200	No
154	GOM_NL__2PRFIN20090829_152947_000000442082_00068_39200_2050.N1	29-AUG-2009 15:29:47	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	39200	No
155	GOM_NL__2PRFIN20090829_153233_000000432082_00068_39200_2051.N1	29-AUG-2009 15:32:33	Bright	43.000	107	37The Aur	2.6490	11000.	86	39200	No
156	GOM_NL__2PRFIN20090829_153732_000000542082_00068_39200_2052.N1	29-AUG-2009 15:37:32	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	39200	No
157	GOM_NL__2PRFIN20090829_153915_000000502082_00068_39200_2053.N1	29-AUG-2009 15:39:15	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	39200	No
158	GOM_NL__2PRFIN20090829_154338_000000742082_00068_39200_2054.N1	29-AUG-2009 15:43:38	Dark	73.500	14	58Alp Ori	0.87000	3000.0	147	39200	No
159	GOM_NL__2PRFIN20090829_154736_000000642082_00068_39200_2055.N1	29-AUG-2009 15:47:36	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	39200	No
160	GOM_NL__2PRFIN20090829_155001_000000452082_00068_39200_2056.N1	29-AUG-2009 15:50:01	Dark	45.000	47	2Bet CMa	1.9760	28000.	90	39200	No



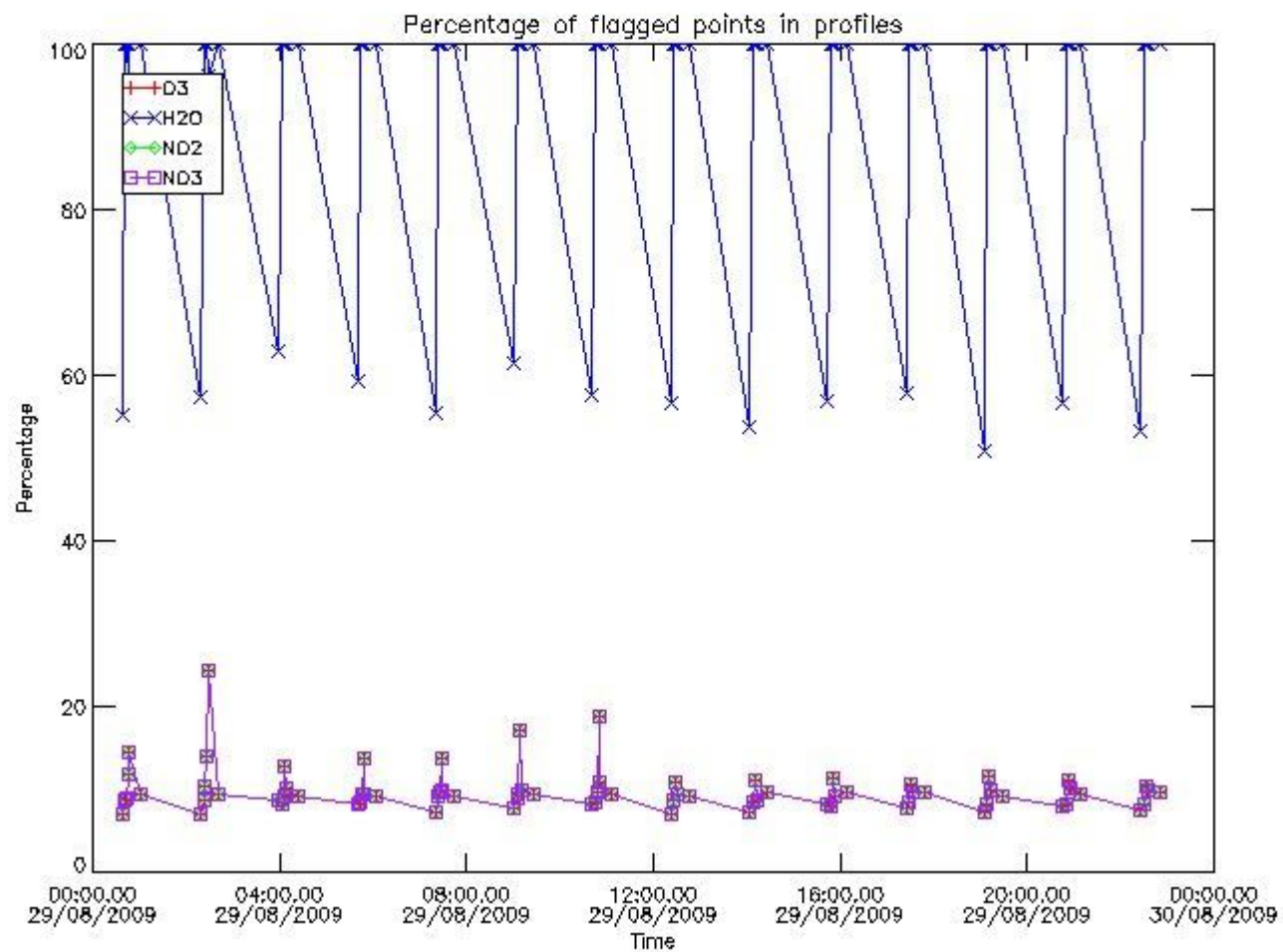
161	GOM_NL__2PRFIN20090829_155239_00000552082_00068_39200_2057.N1	29-AUG-2009 15:52:39	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	39200	No
162	GOM_NL__2PRFIN20090829_160738_00000542082_00069_39201_2056.N1	29-AUG-2009 16:07:38	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39201	No
163	GOM_NL__2PRFIN20090829_161553_00000532082_00069_39201_2057.N1	29-AUG-2009 16:15:53	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39201	No
164	GOM_NL__2PRFIN20090829_162212_00000472082_00069_39201_2058.N1	29-AUG-2009 16:22:12	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39201	No
165	GOM_NL__2PRFIN20090829_163148_00000402082_00069_39201_2059.N1	29-AUG-2009 16:31:48	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39201	No
166	GOM_NL__2PRFIN20090829_163801_00000492082_00069_39201_2060.N1	29-AUG-2009 16:38:01	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39201	No
167	GOM_NL__2PRFIN20090829_164211_00000432082_00069_39201_2061.N1	29-AUG-2009 16:42:11	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	39201	No
168	GOM_NL__2PRFIN20090829_165257_00000462082_00069_39201_2062.N1	29-AUG-2009 16:52:57	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39201	No
169	GOM_NL__2PRFIN20090829_165507_00000452082_00069_39201_2063.N1	29-AUG-2009 16:55:07	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39201	No
170	GOM_NL__2PRFIN20090829_171023_00000642082_00069_39201_2064.N1	29-AUG-2009 17:10:23	Bright	64.000	42	34Bet Aur	1.9000	10200.	128	39201	No
171	GOM_NL__2PRFIN20090829_171309_00000572082_00069_39201_2065.N1	29-AUG-2009 17:13:09	Bright	57.000	107	37The Aur	2.6490	11000.	114	39201	No
172	GOM_NL__2PRFIN20090829_171808_00000552082_00069_39201_2066.N1	29-AUG-2009 17:18:08	Tw_i_and_stray	54.500	151	13Mu Gem	2.8900	3000.0	109	39201	No
173	GOM_NL__2PRFIN20090829_171952_00000482082_00069_39201_2067.N1	29-AUG-2009 17:19:52	Tw_i_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	39201	No
174	GOM_NL__2PRFIN20090829_172414_00000662082_00069_39201_2068.N1	29-AUG-2009 17:24:14	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	39201	No
175	GOM_NL__2PRFIN20090829_172813_00000612082_00069_39201_2069.N1	29-AUG-2009 17:28:13	Dark	60.500	30	46Eps Ori	1.6940	30000.	121	39201	No
176	GOM_NL__2PRFIN20090829_173038_00000482082_00069_39201_2070.N1	29-AUG-2009 17:30:38	Dark	48.000	47	2Bet CMa	1.9760	28000.	96	39201	No
177	GOM_NL__2PRFIN20090829_173316_00000532082_00069_39201_2071.N1	29-AUG-2009 17:33:16	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	39201	No
178	GOM_NL__2PRFIN20090829_174815_00000542082_00070_39202_2131.N1	29-AUG-2009 17:48:15	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39202	No
179	GOM_NL__2PRFIN20090829_175630_00000562082_00070_39202_2132.N1	29-AUG-2009 17:56:30	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	39202	No
180	GOM_NL__2PRFIN20090829_180248_00000482082_00070_39202_2133.N1	29-AUG-2009 18:02:48	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39202	No
181	GOM_NL__2PRFIN20090829_181224_00000572082_00070_39202_2134.N1	29-AUG-2009 18:12:24	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39202	No
182	GOM_NL__2PRFIN20090829_181836_00000492082_00070_39202_2135.N1	29-AUG-2009 18:18:36	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39202	No
183	GOM_NL__2PRFIN20090829_182246_00000462082_00070_39202_2136.N1	29-AUG-2009 18:22:46	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39202	No
184	GOM_NL__2PRFIN20090829_183332_00000452082_00070_39202_2137.N1	29-AUG-2009 18:33:32	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39202	No
185	GOM_NL__2PRFIN20090829_183542_00000442082_00070_39202_2138.N1	29-AUG-2009 18:35:42	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39202	No
186	GOM_NL__2PRFIN20090829_185011_00000592082_00070_39202_2139.N1	29-AUG-2009 18:50:11	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39202	No
187	GOM_NL__2PRFIN20090829_185345_00000482082_00070_39202_2140.N1	29-AUG-2009 18:53:45	Bright	48.000	107	37The Aur	2.6490	11000.	96	39202	No
188	GOM_NL__2PRFIN20090829_185844_00000522082_00070_39202_2141.N1	29-AUG-2009 18:58:44	Tw_i_and_stray	51.500	151	13Mu Gem	2.8900	3000.0	103	39202	No
189	GOM_NL__2PRFIN20090829_190028_00000492082_00070_39202_2142.N1	29-AUG-2009 19:00:28	Tw_i_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	39202	No
190	GOM_NL__2PRFIN20090829_190451_00000722082_00070_39202_2143.N1	29-AUG-2009 19:04:51	Dark	71.500	14	58Alp Ori	0.87000	3000.0	143	39202	No
191	GOM_NL__2PRFIN20090829_190850_00000632082_00070_39202_2144.N1	29-AUG-2009 19:08:50	Dark	62.500	30	46Eps Ori	1.6940	30000.	125	39202	No
192	GOM_NL__2PRFIN20090829_191115_00000442082_00070_39202_2145.N1	29-AUG-2009 19:11:15	Dark	44.000	47	2Bet CMa	1.9760	28000.	88	39202	No
193	GOM_NL__2PRFIN20090829_191353_00000512082_00070_39202_2146.N1	29-AUG-2009 19:13:53	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39202	No
194	GOM_NL__2PRFIN20090829_192852_00000552082_00071_39203_2105.N1	29-AUG-2009 19:28:52	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39203	No
195	GOM_NL__2PRFIN20090829_193707_00000552082_00071_39203_2106.N1	29-AUG-2009 19:37:07	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	39203	No
196	GOM_NL__2PRFIN20090829_194324_00000452082_00071_39203_2107.N1	29-AUG-2009 19:43:24	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	39203	No
197	GOM_NL__2PRFIN20090829_195300_00000392082_00071_39203_2108.N1	29-AUG-2009 19:53:00	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39203	No
198	GOM_NL__2PRFIN20090829_195911_00000492082_00071_39203_2109.N1	29-AUG-2009 19:59:11	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39203	No
199	GOM_NL__2PRFIN20090829_200321_00000442082_00071_39203_2110.N1	29-AUG-2009 20:03:21	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39203	No
200	GOM_NL__2PRFIN20090829_201407_00000452082_00071_39203_2111.N1	29-AUG-2009 20:14:07	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39203	No
201	GOM_NL__2PRFIN20090829_201617_00000472082_00071_39203_2112.N1	29-AUG-2009 20:16:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39203	No
202	GOM_NL__2PRFIN20090829_203047_00000552082_00071_39203_2113.N1	29-AUG-2009 20:30:47	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	39203	No
203	GOM_NL__2PRFIN20090829_203421_00000512082_00071_39203_2114.N1	29-AUG-2009 20:34:21	Bright	50.500	107	37The Aur	2.6490	11000.	101	39203	No
204	GOM_NL__2PRFIN20090829_203920_00000542082_00071_39203_2115.N1	29-AUG-2009 20:39:20	Tw_i_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	39203	No
205	GOM_NL__2PRFIN20090829_204104_00000502082_00071_39203_2116.N1	29-AUG-2009 20:41:04	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	39203	No
206	GOM_NL__2PRFIN20090829_204528_00000642082_00071_39203_2117.N1	29-AUG-2009 20:45:28	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	39203	No
207	GOM_NL__2PRFIN20090829_204927_00000632082_00071_39203_2118.N1	29-AUG-2009 20:49:27	Dark	62.500	30	46Eps Ori	1.6940	30000.	125	39203	No
208	GOM_NL__2PRFIN20090829_205151_00000462082_00071_39203_2119.N1	29-AUG-2009 20:51:51	Dark	46.000	47	2Bet CMa	1.9760	28000.	92	39203	No
209	GOM_NL__2PRFIN20090829_205430_00000502082_00071_39203_2120.N1	29-AUG-2009 20:54:30	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	39203	No
210	GOM_NL__2PRFIN20090829_210929_00000552082_00072_39204_2114.N1	29-AUG-2009 21:09:29	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39204	No
211	GOM_NL__2PRFIN20090829_211743_00000522082_00072_39204_2115.N1	29-AUG-2009 21:17:43	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	39204	No
212	GOM_NL__2PRFIN20090829_212401_00000462082_00072_39204_2116.N1	29-AUG-2009 21:24:01	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39204	No
213	GOM_NL__2PRFIN20090829_213336_00000392082_00072_39204_2117.N1	29-AUG-2009 21:33:36	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39204	No
214	GOM_NL__2PRFIN20090829_213947_00000482082_00072_39204_2118.N1	29-AUG-2009 21:39:47	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	39204	No
215	GOM_NL__2PRFIN20090829_214357_00000432082_00072_39204_2119.N1	29-AUG-2009 21:43:57	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	39204	No
216	GOM_NL__2PRFIN20090829_215443_00000452082_00072_39204_2120.N1	29-AUG-2009 21:54:43	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39204	No
217	GOM_NL__2PRFIN20090829_215652_00000472082_00072_39204_2121.N1	29-AUG-2009 21:56:52	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39204	No
218	GOM_NL__2PRFIN20090829_221123_00000592082_00072_39204_2122.N1	29-AUG-2009 22:11:23	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39204	No
219	GOM_NL__2PRFIN20090829_221457_00000472082_00072_39204_2123.N1	29-AUG-2009 22:14:57	Bright	46.500	107	37The Aur	2.6490	11000.	93	39204	No

220	GOM_NL__2PRFIN20090829_221957_000000562082_00072_39204_2124.N1	29-AUG-2009 22:19:57	Twilight_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	39204	No
221	GOM_NL__2PRFIN20090829_222140_000000492082_00072_39204_2125.N1	29-AUG-2009 22:21:40	Twilight_stray	49.000	44	24Gam Gem	1.9280	11000.	98	39204	No
222	GOM_NL__2PRFIN20090829_222604_000000692082_00072_39204_2126.N1	29-AUG-2009 22:26:04	Dark	69.000	14	58Alp Ori	0.87000	3000.0	138	39204	No
223	GOM_NL__2PRFIN20090829_223004_000000632082_00072_39204_2127.N1	29-AUG-2009 22:30:04	Dark	63.000	30	46Eps Ori	1.6940	30000.	126	39204	No
224	GOM_NL__2PRFIN20090829_223228_000000492082_00072_39204_2128.N1	29-AUG-2009 22:32:28	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39204	No
225	GOM_NL__2PRFIN20090829_223507_000000512082_00072_39204_2129.N1	29-AUG-2009 22:35:07	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39204	No
226	GOM_NL__2PRFIN20090829_225006_000000532082_00073_39205_2140.N1	29-AUG-2009 22:50:06	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39205	No
227	GOM_NL__2PRFIN20090829_225820_000000522082_00073_39205_2141.N1	29-AUG-2009 22:58:20	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39205	No
228	GOM_NL__2PRFIN20090829_230437_000000472082_00073_39205_2142.N1	29-AUG-2009 23:04:37	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39205	No
229	GOM_NL__2PRFIN20090829_231412_000000402082_00073_39205_2143.N1	29-AUG-2009 23:14:12	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39205	No
230	GOM_NL__2PRFIN20090829_232022_000000542082_00073_39205_2144.N1	29-AUG-2009 23:20:22	Bright	54.000	90	54Alp Peg	2.4870	11000.	108	39205	No
231	GOM_NL__2PRFIN20090829_232432_000000452082_00073_39205_2145.N1	29-AUG-2009 23:24:32	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39205	No
232	GOM_NL__2PRFIN20090829_233517_000000452082_00073_39205_2146.N1	29-AUG-2009 23:35:17	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39205	No
233	GOM_NL__2PRFIN20090829_233727_000000462082_00073_39205_2147.N1	29-AUG-2009 23:37:27	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39205	No
234	GOM_NL__2PRFIN20090829_235158_000000592082_00073_39205_2148.N1	29-AUG-2009 23:51:58	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39205	No
235	GOM_NL__2PRFIN20090829_235533_000000482082_00073_39205_2149.N1	29-AUG-2009 23:55:33	Bright	47.500	107	37The Aur	2.6490	11000.	95	39205	No

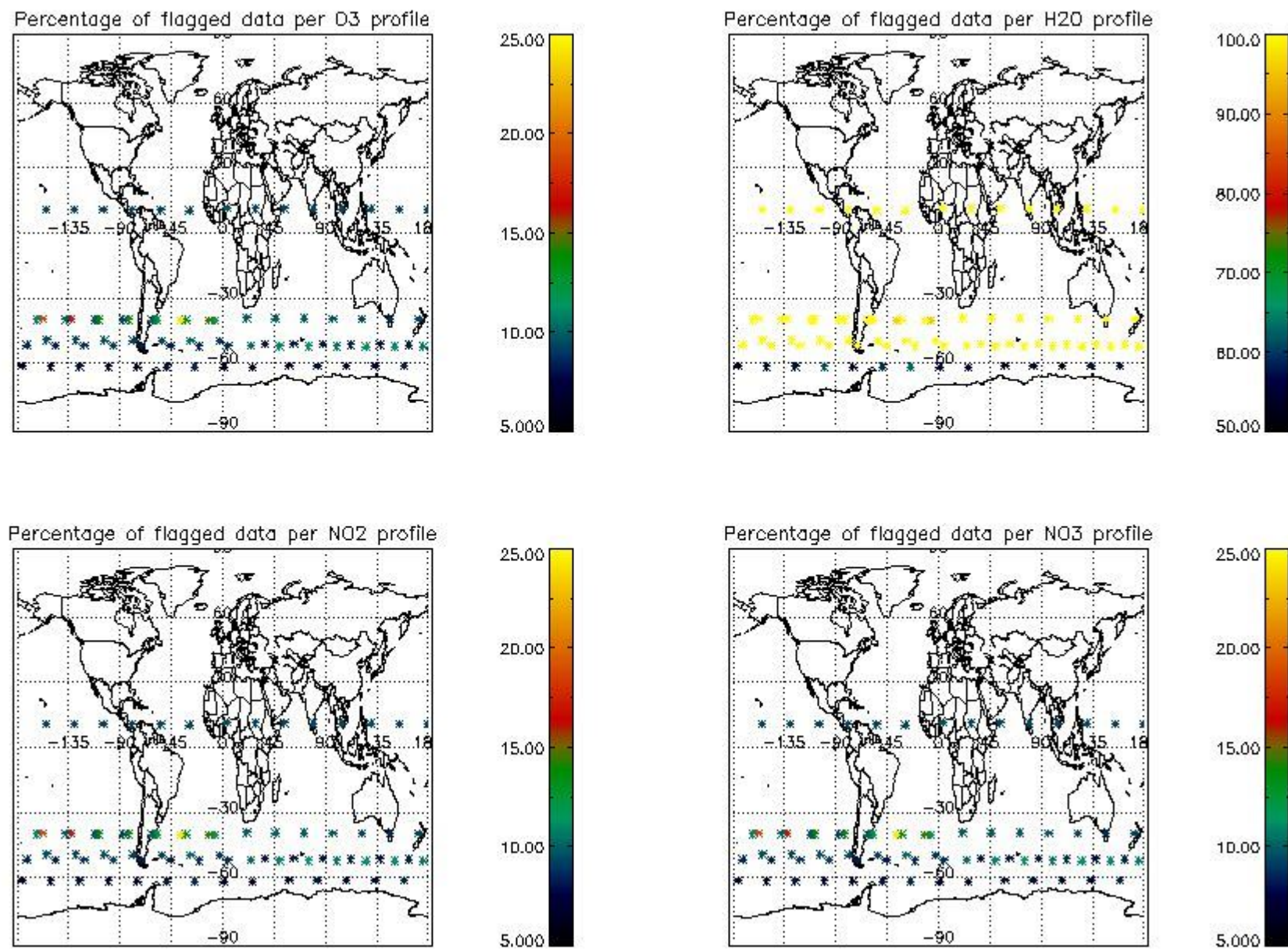
### 3. Quality information per product

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

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



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



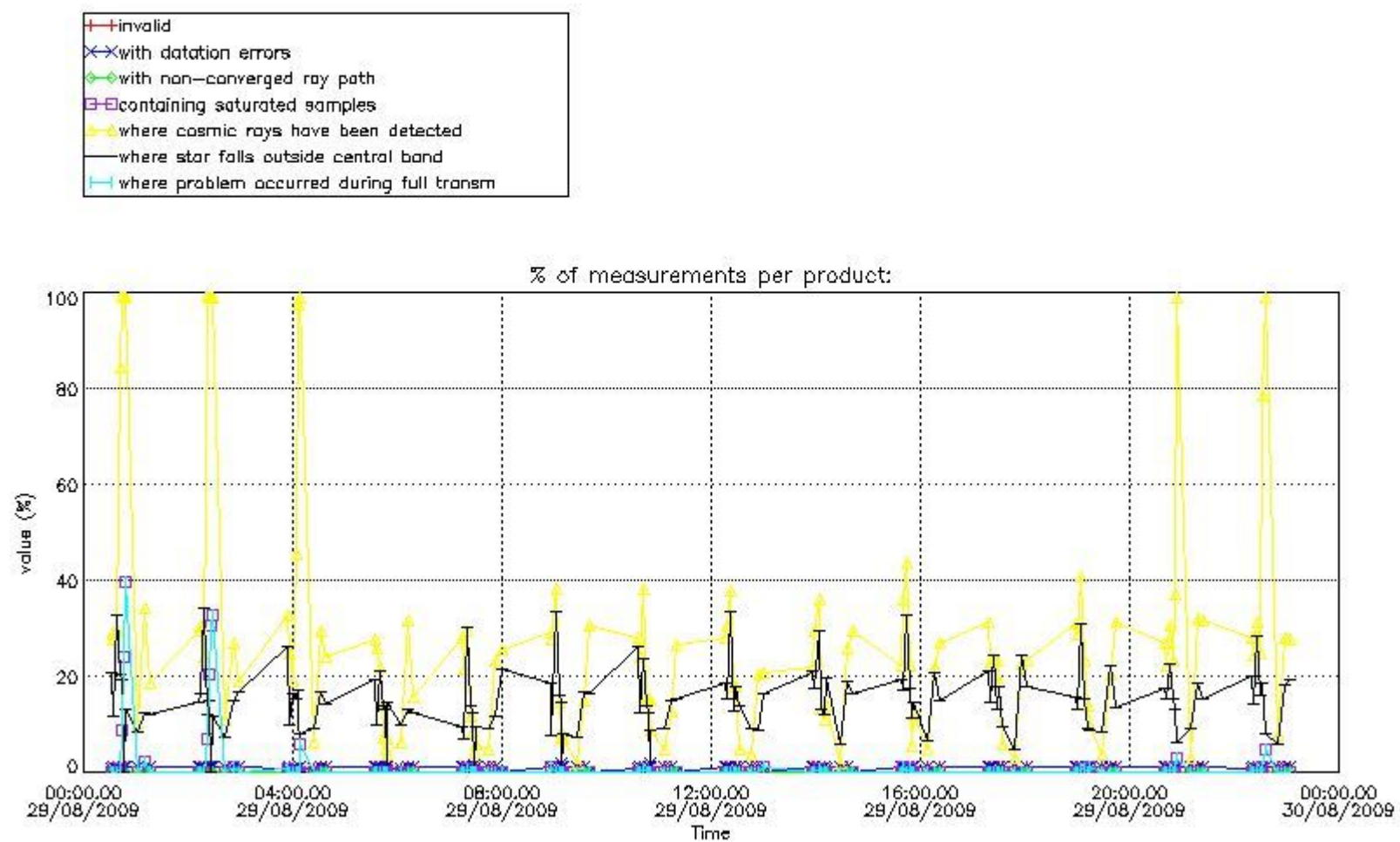
### 4. Level 1 quality information per product

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

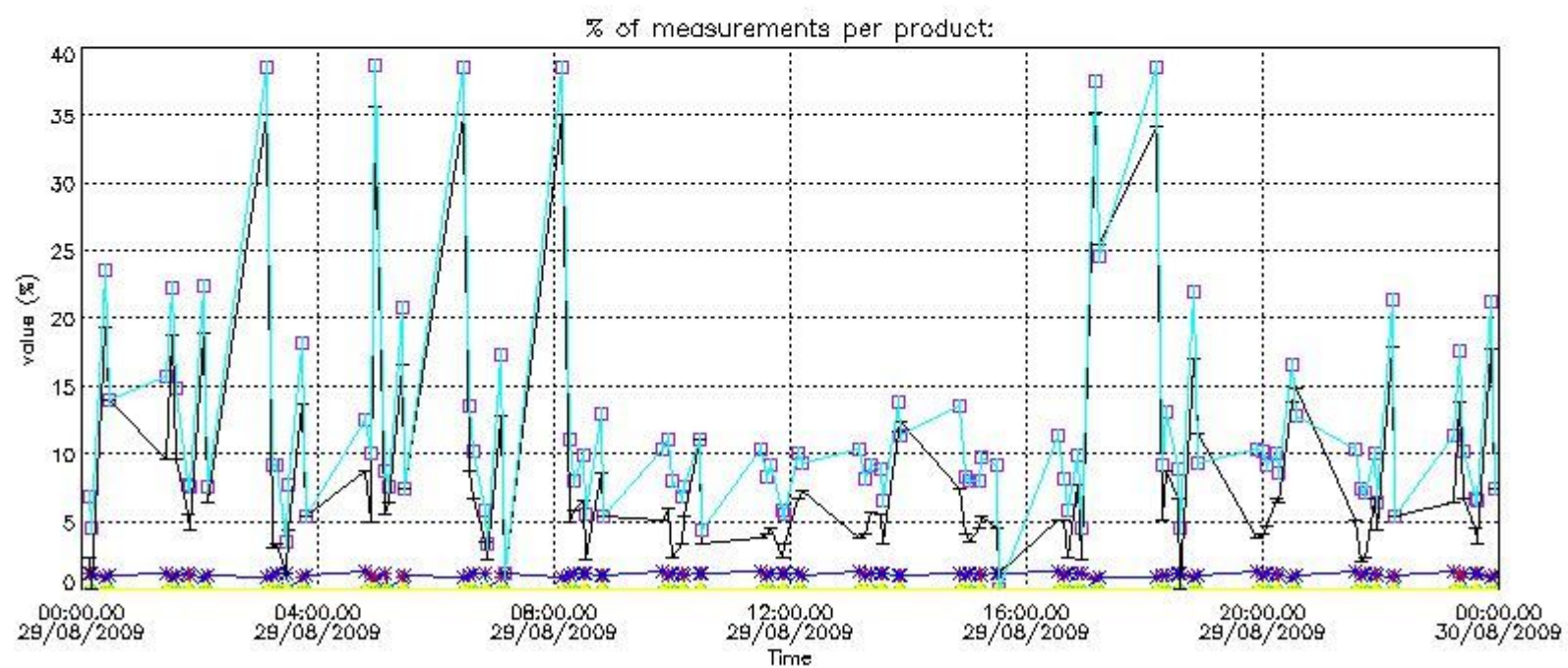
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

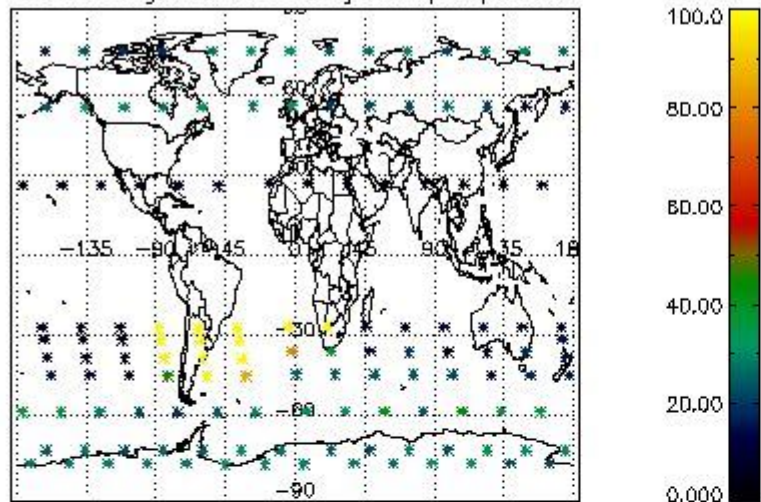




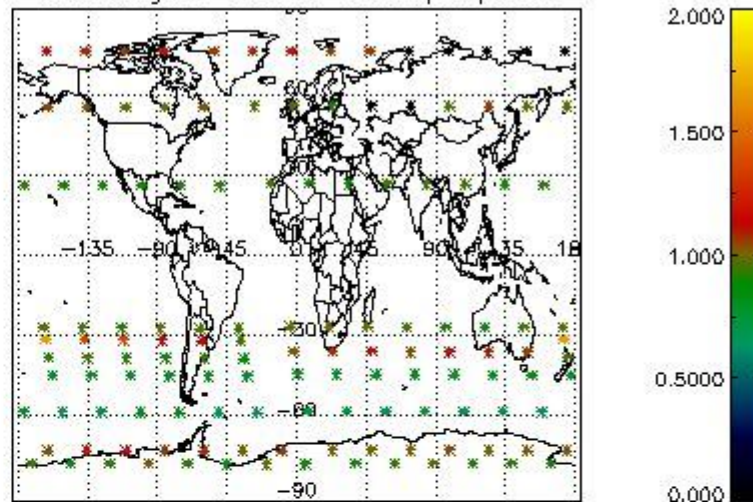
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

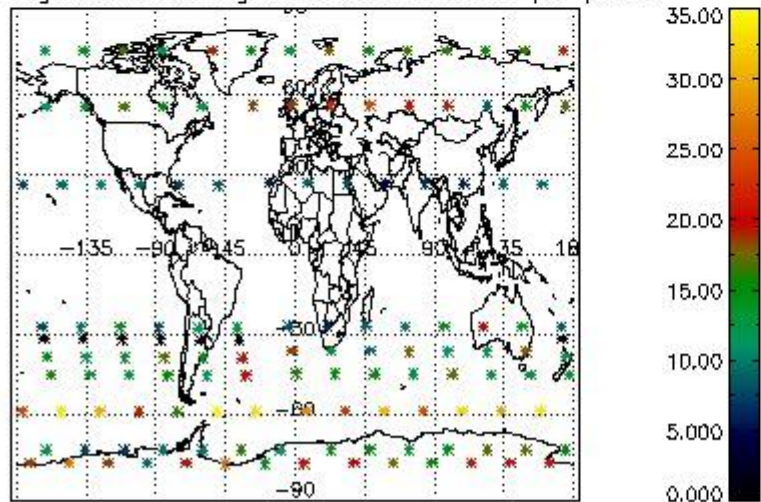
Percentage of cosmic ray hits per profile



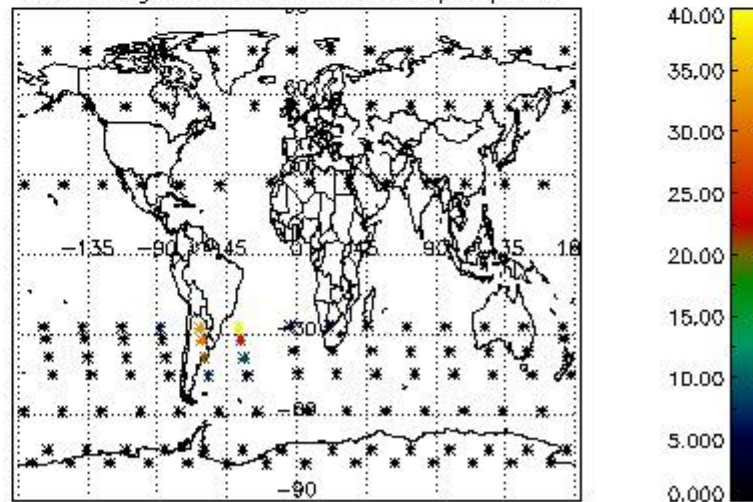
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

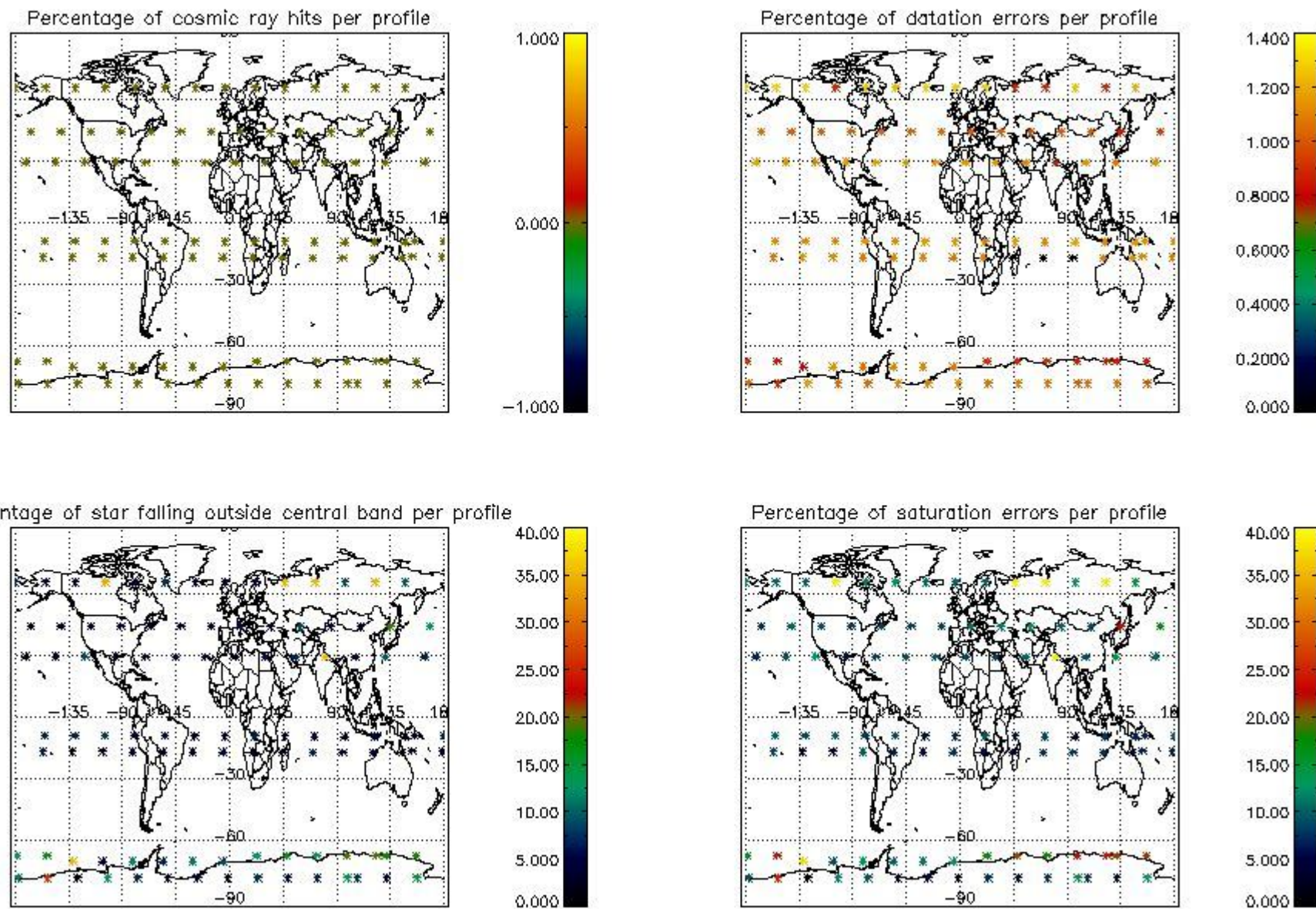


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

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

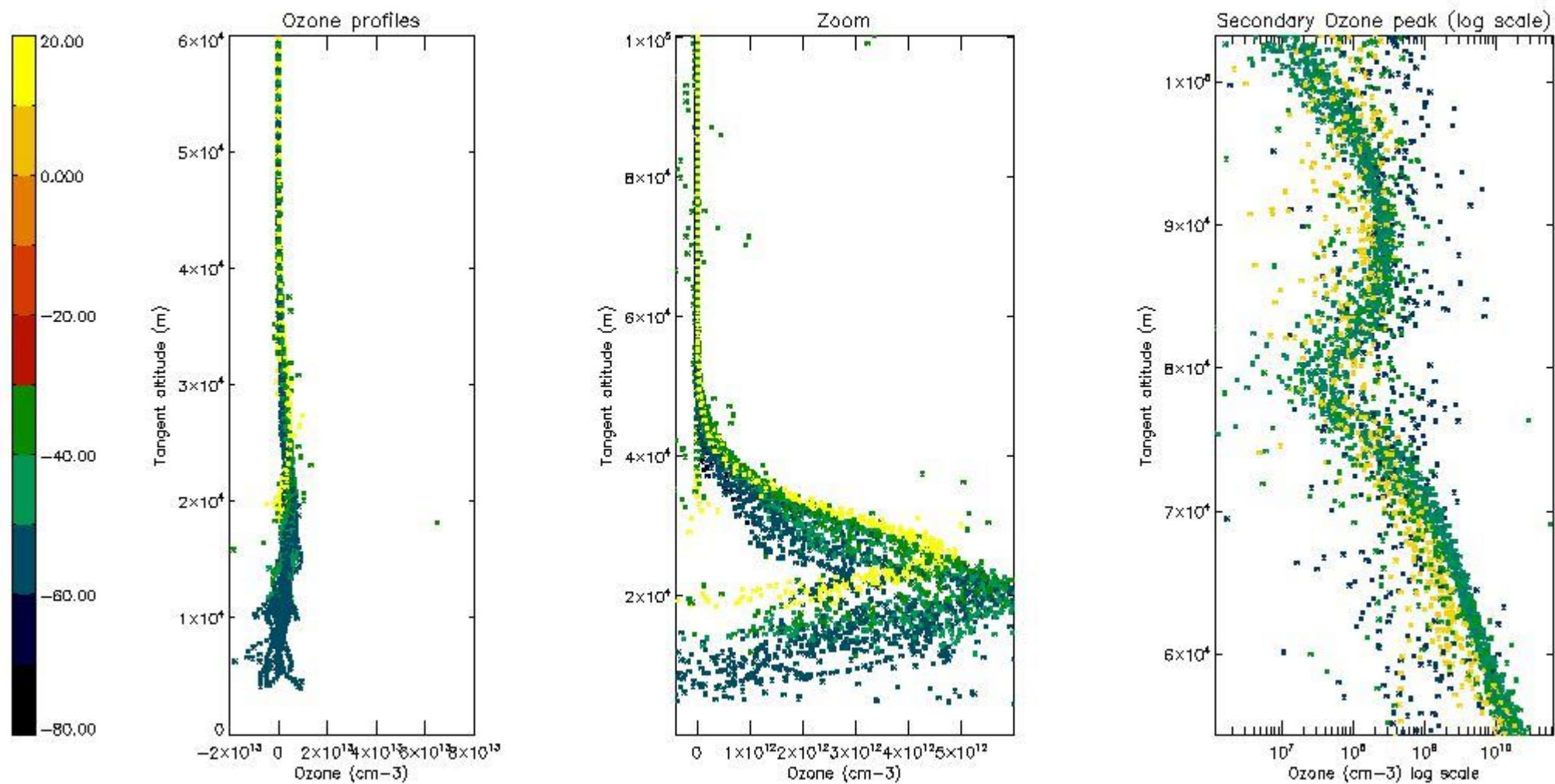
Criteria	% of total production
All STD	37
STD < 20	18



STD < 10	14
STD < 5	8

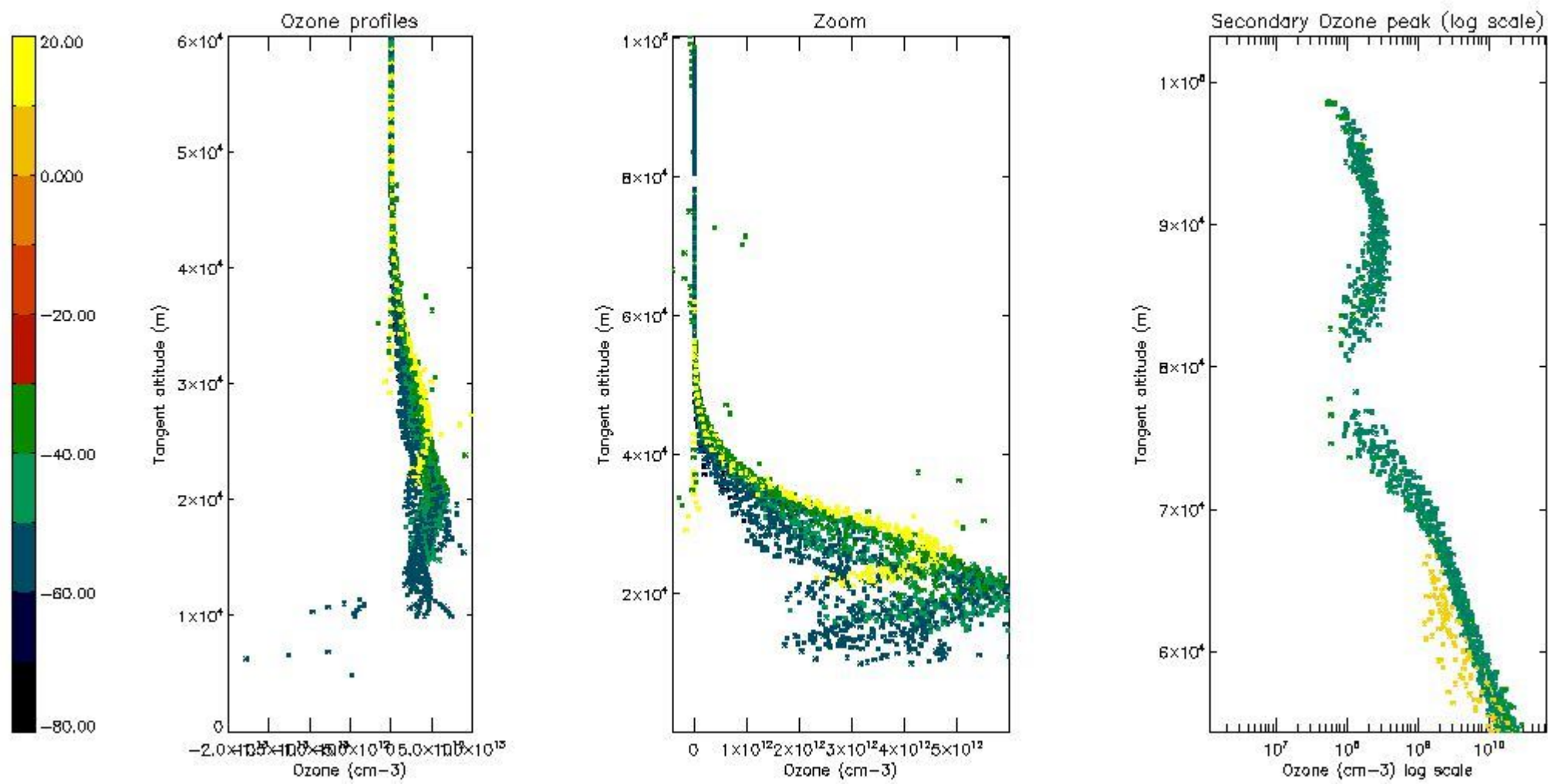
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



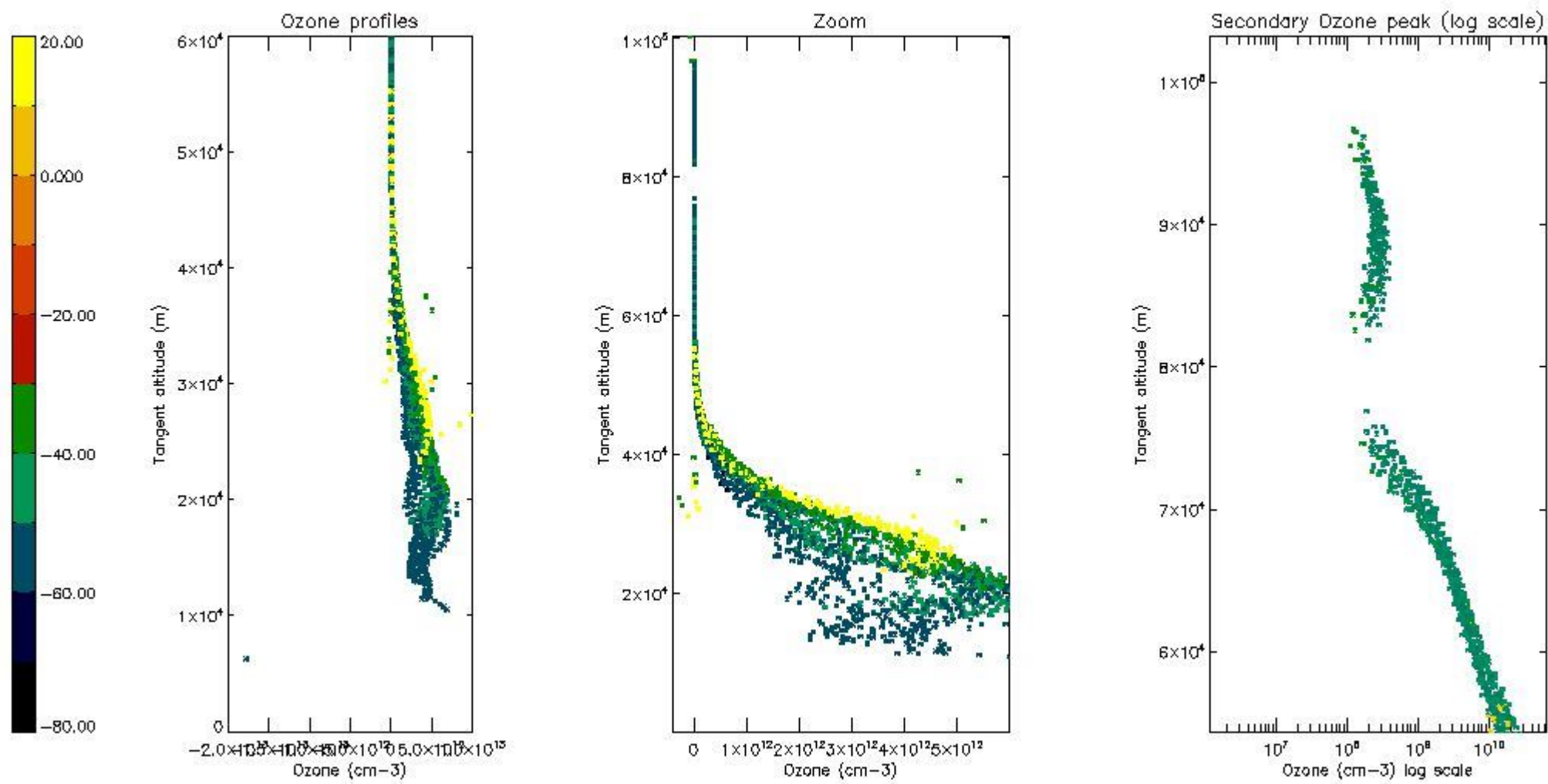
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

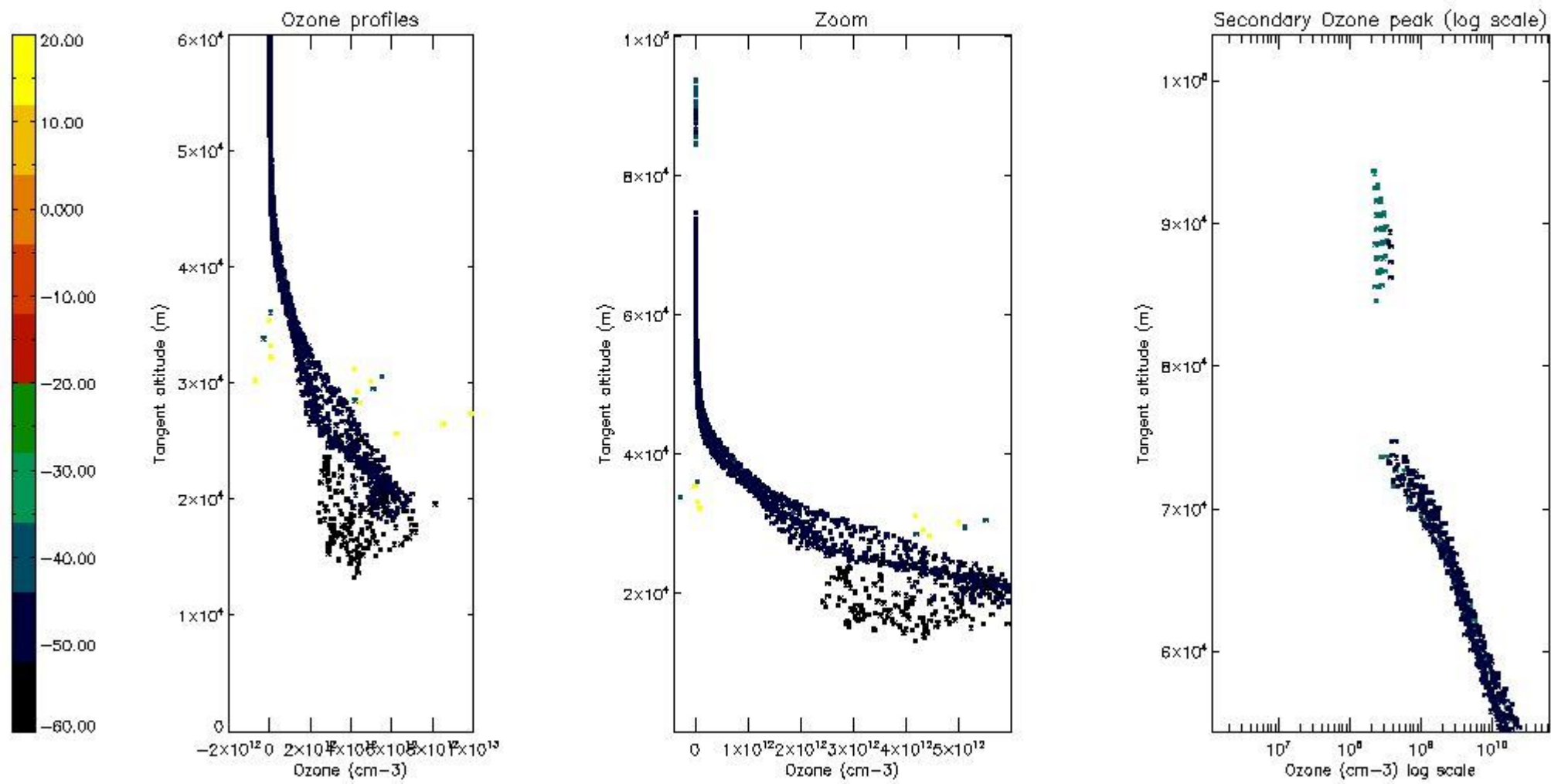
The colorbar represents the latitude.



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

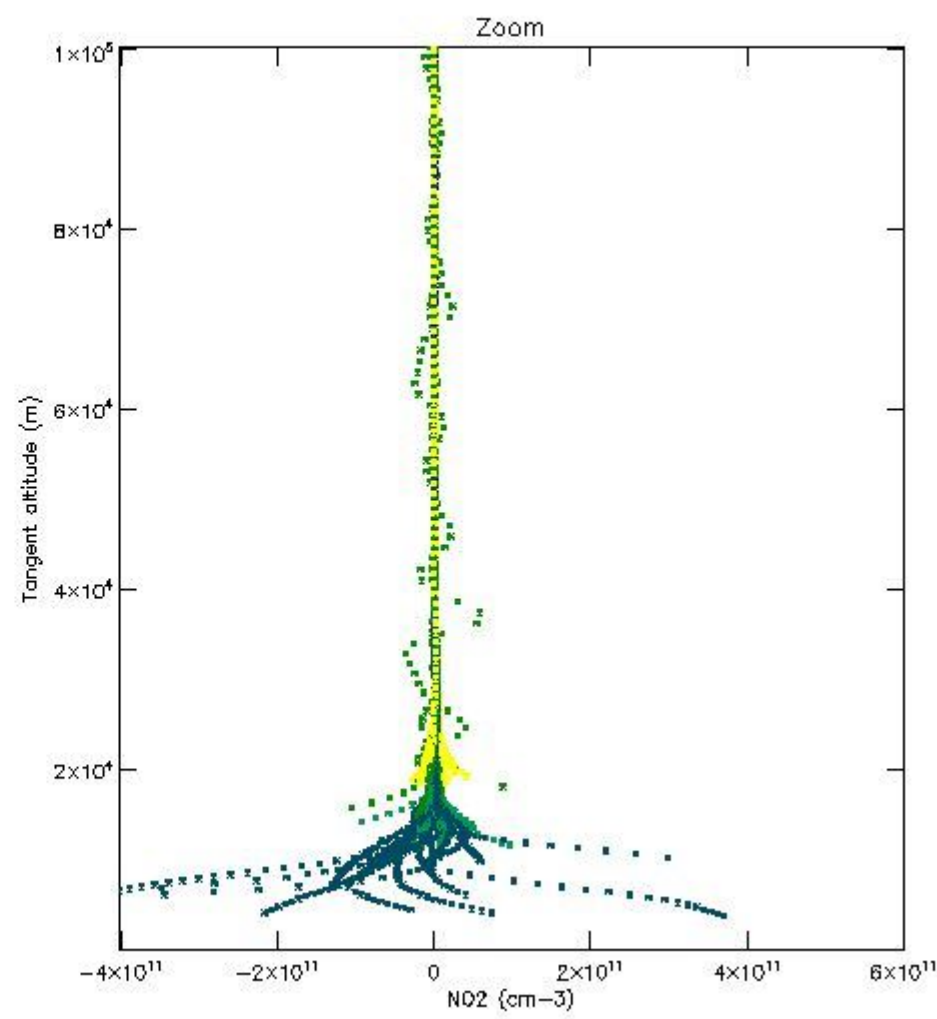
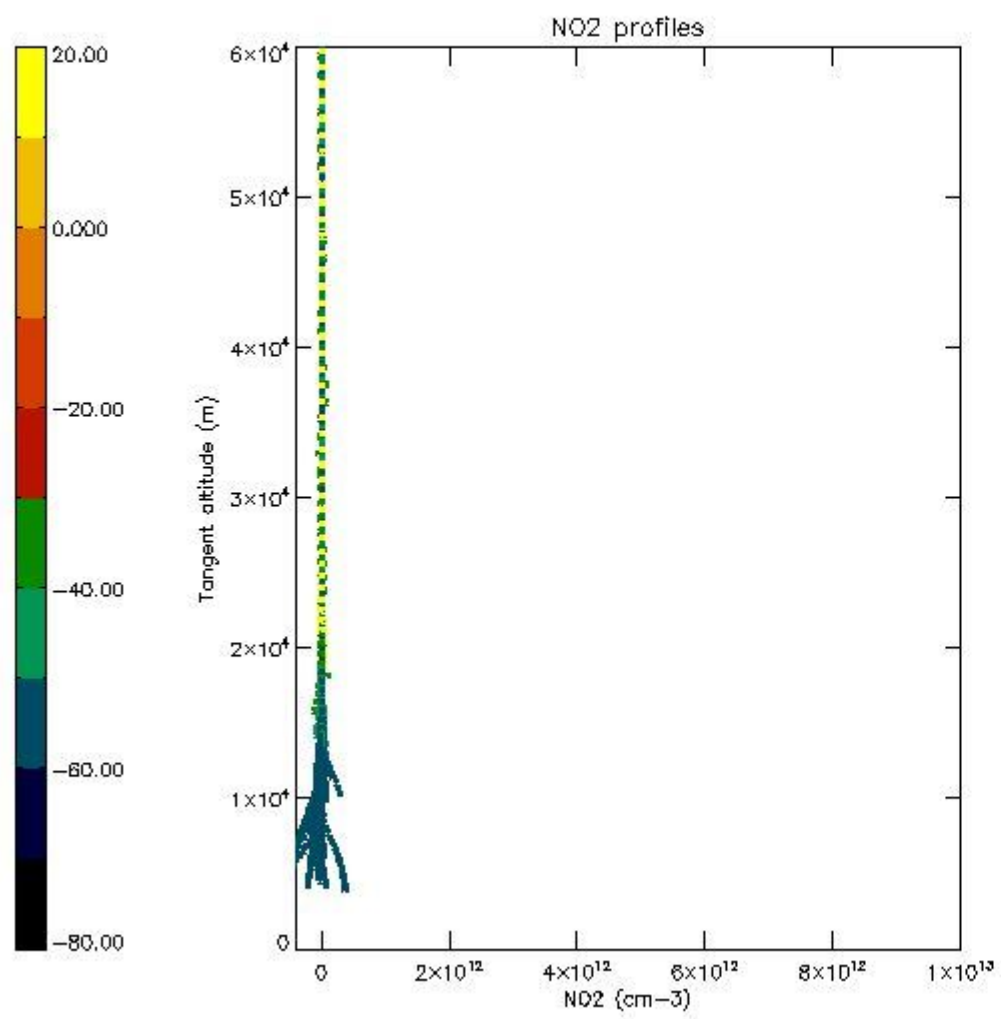
The colorbar represents the latitude.





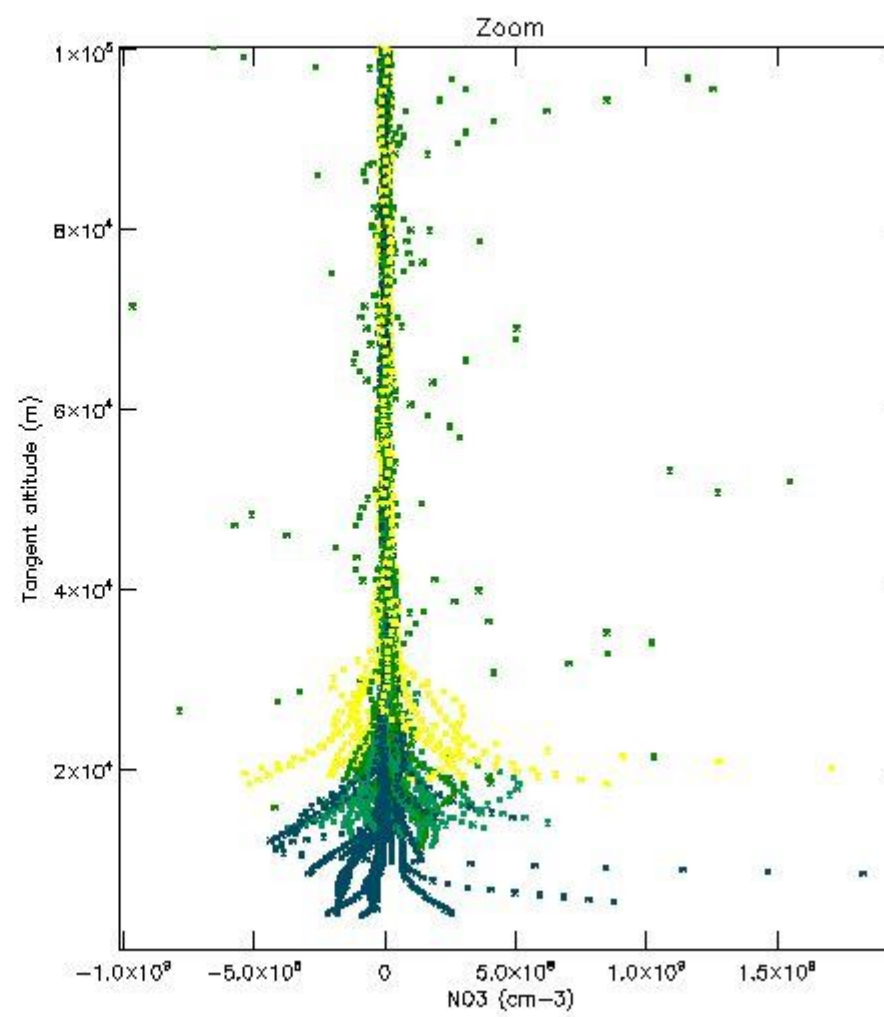
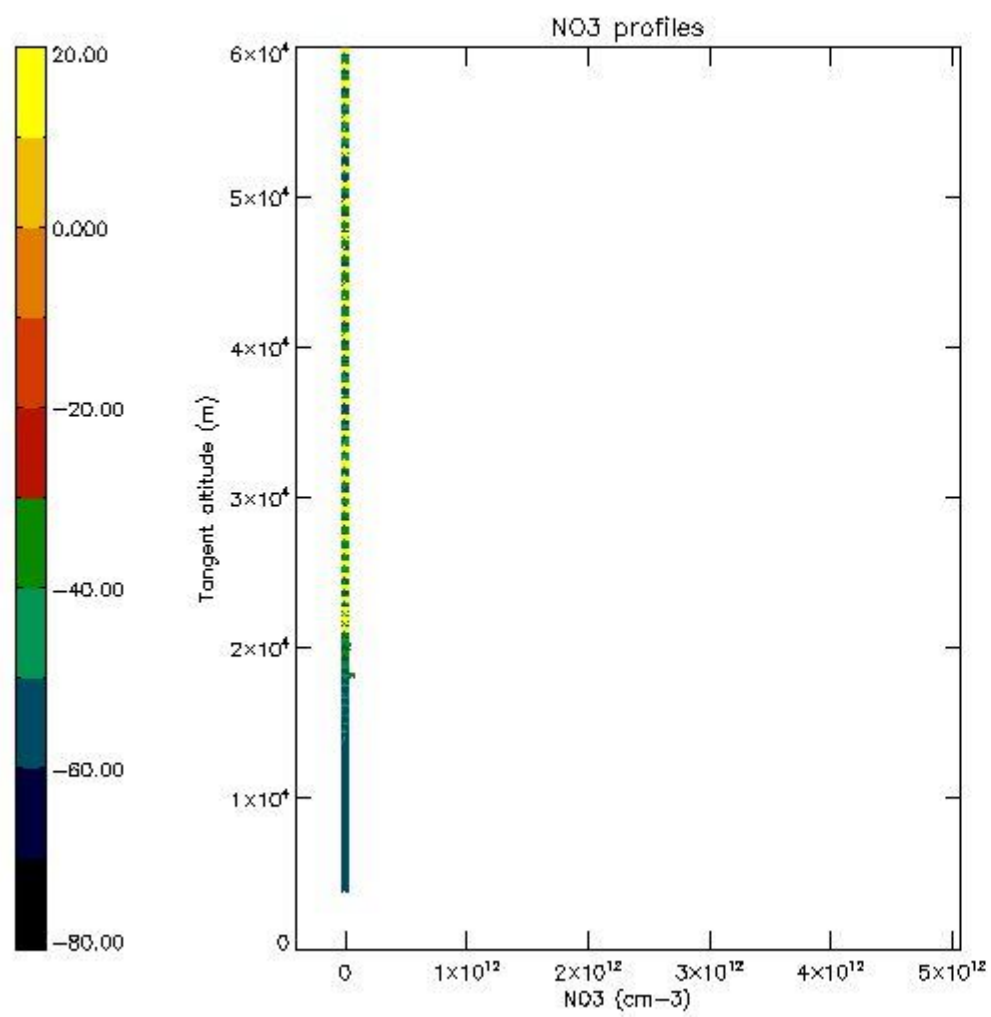
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

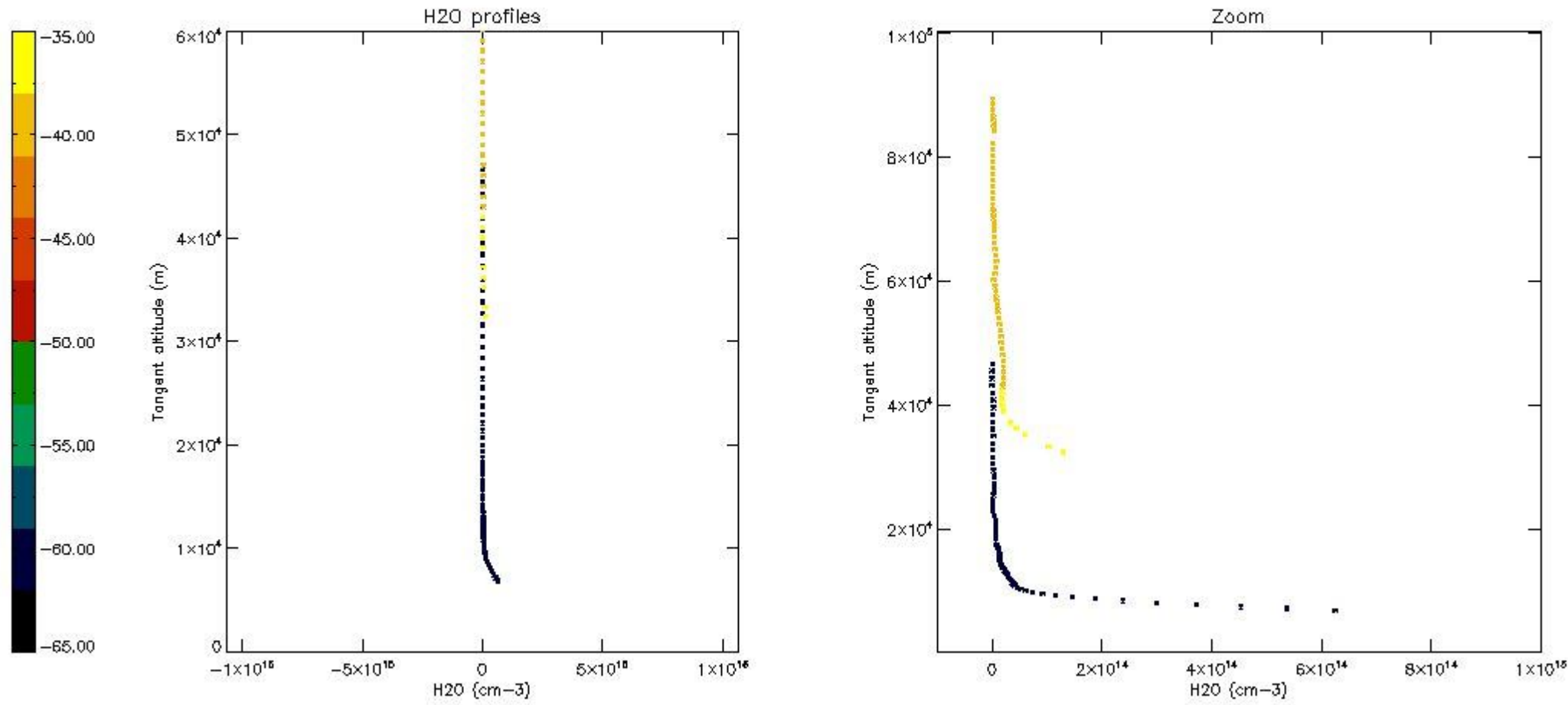
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-AUG-2009 00:07:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-AUG-2009 00:07:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-AUG-2009 00:07:04

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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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	26APR2013 12:17:54
Data source version	GOMOS/6.01
Start time of products	29-08-2009 (29AUG2009 00:00:00)
Stop time of products	30-08-2009 (30AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	235
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__2PRFIN20090829_000704_000000442082_00059_39191_1840.N1	29-AUG-2009 00:07:04	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39191	No
2	GOM_NL__2PRFIN20090829_000915_000000452082_00059_39191_1841.N1	29-AUG-2009 00:09:15	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39191	No
3	GOM_NL__2PRFIN20090829_002339_000000602082_00059_39191_1842.N1	29-AUG-2009 00:23:39	Bright	59.500	6	13Alp Aur	0.080000	3400.0	119	39191	No
4	GOM_NL__2PRFIN20090829_002710_000000502082_00059_39191_1843.N1	29-AUG-2009 00:27:10	Bright	50.000	107	37The Aur	2.6490	11000.	100	39191	No
5	GOM_NL__2PRFIN20090829_003206_000000562082_00059_39191_1844.N1	29-AUG-2009 00:32:06	Twilight	55.500	151	13Mu Gem	2.8900	3000.0	111	39191	No
6	GOM_NL__2PRFIN20090829_003349_000000472082_00059_39191_1845.N1	29-AUG-2009 00:33:49	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	39191	No
7	GOM_NL__2PRFIN20090829_003808_000000732082_00059_39191_1846.N1	29-AUG-2009 00:38:08	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39191	No
8	GOM_NL__2PRFIN20090829_004203_000000642082_00059_39191_1847.N1	29-AUG-2009 00:42:03	Dark	64.000	30	46Eps Ori	1.6940	30000.	128	39191	No
9	GOM_NL__2PRFIN20090829_004357_000000572082_00059_39191_1848.N1	29-AUG-2009 00:43:57	Dark	57.000	56	53Kap Ori	2.0650	30000.	114	39191	No
10	GOM_NL__2PRFIN20090829_004550_000000522082_00059_39191_1849.N1	29-AUG-2009 00:45:50	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	39191	No
11	GOM_NL__2PRFIN20090829_004706_000000532082_00059_39191_1850.N1	29-AUG-2009 00:47:06	Dark	53.000	101	11Alp Lep	2.5820	7000.0	106	39191	No
12	GOM_NL__2PRFIN20090829_010204_000000552082_00060_39192_1925.N1	29-AUG-2009 01:02:04	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39192	No
13	GOM_NL__2PRFIN20090829_011025_000000492082_00060_39192_1926.N1	29-AUG-2009 01:10:25	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	39192	No
14	GOM_NL__2PRFIN20090829_011646_000000462082_00060_39192_1927.N1	29-AUG-2009 01:16:46	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39192	No
15	GOM_NL__2PRFIN20090829_012626_000000422082_00060_39192_1928.N1	29-AUG-2009 01:26:26	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	39192	No
16	GOM_NL__2PRFIN20090829_013243_000000592082_00060_39192_1929.N1	29-AUG-2009 01:32:43	Bright	58.500	90	54Alp Peg	2.4870	11000.	117	39192	No
17	GOM_NL__2PRFIN20090829_013652_000000472082_00060_39192_1930.N1	29-AUG-2009 01:36:52	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	39192	No
18	GOM_NL__2PRFIN20090829_014739_000000452082_00060_39192_1931.N1	29-AUG-2009 01:47:39	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39192	No
19	GOM_NL__2PRFIN20090829_014950_000000462082_00060_39192_1932.N1	29-AUG-2009 01:49:50	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	39192	No
20	GOM_NL__2PRFIN20090829_020414_000000582082_00060_39192_1933.N1	29-AUG-2009 02:04:14	Bright	58.000	6	13Alp Aur	0.080000	3400.0	116	39192	No
21	GOM_NL__2PRFIN20090829_020745_000000472082_00060_39192_1934.N1	29-AUG-2009 02:07:45	Bright	46.500	107	37The Aur	2.6490	11000.	93	39192	No
22	GOM_NL__2PRFIN20090829_021242_000000512082_00060_39192_1935.N1	29-AUG-2009 02:12:42	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	39192	No
23	GOM_NL__2PRFIN20090829_021425_000000492082_00060_39192_1936.N1	29-AUG-2009 02:14:25	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39192	No
24	GOM_NL__2PRFIN20090829_021844_000000732082_00060_39192_1937.N1	29-AUG-2009 02:18:44	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39192	No
25	GOM_NL__2PRFIN20090829_022240_000000592082_00060_39192_1938.N1	29-AUG-2009 02:22:40	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39192	No
26	GOM_NL__2PRFIN20090829_022434_000000542082_00060_39192_1939.N1	29-AUG-2009 02:24:34	Dark	54.000	56	53Kap Ori	2.0650	30000.	108	39192	No
27	GOM_NL__2PRFIN20090829_022627_000000442082_00060_39192_1940.N1	29-AUG-2009 02:26:27	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	39192	No
28	GOM_NL__2PRFIN20090829_022743_000000522082_00060_39192_1941.N1	29-AUG-2009 02:27:43	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	39192	No
29	GOM_NL__2PRFIN20090829_024241_000000552082_00061_39193_1941.N1	29-AUG-2009 02:42:41	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39193	No
30	GOM_NL__2PRFIN20090829_025101_000000502082_00061_39193_1942.N1	29-AUG-2009 02:51:01	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39193	No
31	GOM_NL__2PRFIN20090829_025722_000000482082_00061_39193_1943.N1	29-AUG-2009 02:57:22	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39193	No
32	GOM_NL__2PRFIN20090829_030701_000000572082_00061_39193_1944.N1	29-AUG-2009 03:07:01	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39193	No
33	GOM_NL__2PRFIN20090829_031318_000000502082_00061_39193_1945.N1	29-AUG-2009 03:13:18	Bright	49.500	90	54Alp Peg	2.4870	11000.	99	39193	No
34	GOM_NL__2PRFIN20090829_031727_000000442082_00061_39193_1946.N1	29-AUG-2009 03:17:27	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39193	No
35	GOM_NL__2PRFIN20090829_032815_000000432082_00061_39193_1947.N1	29-AUG-2009 03:28:15	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	39193	No
36	GOM_NL__2PRFIN20090829_033025_000000462082_00061_39193_1948.N1	29-AUG-2009 03:30:25	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39193	No
37	GOM_NL__2PRFIN20090829_034450_000000552082_00061_39193_1949.N1	29-AUG-2009 03:44:50	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39193	No
38	GOM_NL__2PRFIN20090829_034821_000000462082_00061_39193_1950.N1	29-AUG-2009 03:48:21	Bright	46.000	107	37The Aur	2.6490	11000.	92	39193	No
39	GOM_NL__2PRFIN20090829_035318_000000602082_00061_39193_1951.N1	29-AUG-2009 03:53:18	Twilight	59.500	151	13Mu Gem	2.8900	3000.0	119	39193	No
40	GOM_NL__2PRFIN20090829_035501_000000472082_00061_39193_1952.N1	29-AUG-2009 03:55:01	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	39193	No
41	GOM_NL__2PRFIN20090829_035921_000000592082_00061_39193_1953.N1	29-AUG-2009 03:59:21	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	39193	No
42	GOM_NL__2PRFIN20090829_040317_000000622082_00061_39193_1954.N1	29-AUG-2009 04:03:17	Dark	61.500	30	46Eps Ori	1.6940	30000.	123	39193	No



43	GOM_NL__2PRFIN20090829_040511_00000562082_00061_39193_1955.N1	29-AUG-2009 04:05:11	Dark	55.500	56	53Kap Ori	2.0650	30000.	111	39193	No
44	GOM_NL__2PRFIN20090829_040704_00000442082_00061_39193_1956.N1	29-AUG-2009 04:07:04	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	39193	No
45	GOM_NL__2PRFIN20090829_040820_00000512082_00061_39193_1957.N1	29-AUG-2009 04:08:20	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	39193	No
46	GOM_NL__2PRFIN20090829_042318_00000562082_00062_39194_1956.N1	29-AUG-2009 04:23:18	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39194	No
47	GOM_NL__2PRFIN20090829_043138_00000512082_00062_39194_1957.N1	29-AUG-2009 04:31:38	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	39194	No
48	GOM_NL__2PRFIN20090829_043758_00000462082_00062_39194_1958.N1	29-AUG-2009 04:37:58	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39194	No
49	GOM_NL__2PRFIN20090829_044737_00000402082_00062_39194_1959.N1	29-AUG-2009 04:47:37	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	39194	No
50	GOM_NL__2PRFIN20090829_045354_00000502082_00062_39194_1960.N1	29-AUG-2009 04:53:54	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39194	No
51	GOM_NL__2PRFIN20090829_045803_00000662082_00062_39194_1961.N1	29-AUG-2009 04:58:03	Bright	66.000	164	44Eta Peg	2.9480	5400.0	132	39194	No
52	GOM_NL__2PRFIN20090829_050850_00000462082_00062_39194_1962.N1	29-AUG-2009 05:08:50	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39194	No
53	GOM_NL__2PRFIN20090829_051100_00000472082_00062_39194_1963.N1	29-AUG-2009 05:11:00	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39194	No
54	GOM_NL__2PRFIN20090829_052526_00000582082_00062_39194_1964.N1	29-AUG-2009 05:25:26	Bright	57.500	6	13Alp Aur	0.080000	3400.0	115	39194	No
55	GOM_NL__2PRFIN20090829_052857_00000472082_00062_39194_1965.N1	29-AUG-2009 05:28:57	Bright	47.000	107	37The Aur	2.6490	11000.	94	39194	No
56	GOM_NL__2PRFIN20090829_053355_00000542082_00062_39194_1966.N1	29-AUG-2009 05:33:55	Twilight_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	39194	No
57	GOM_NL__2PRFIN20090829_053538_00000472082_00062_39194_1967.N1	29-AUG-2009 05:35:38	Twilight_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	39194	No
58	GOM_NL__2PRFIN20090829_053958_00000622082_00062_39194_1968.N1	29-AUG-2009 05:39:58	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	39194	No
59	GOM_NL__2PRFIN20090829_054354_00000612082_00062_39194_1969.N1	29-AUG-2009 05:43:54	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39194	No
60	GOM_NL__2PRFIN20090829_054548_00000552082_00062_39194_1970.N1	29-AUG-2009 05:45:48	Dark	54.500	56	53Kap Ori	2.0650	30000.	109	39194	No
61	GOM_NL__2PRFIN20090829_054742_00000372082_00062_39194_1971.N1	29-AUG-2009 05:47:42	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	39194	No
62	GOM_NL__2PRFIN20090829_054857_00000552082_00062_39194_1972.N1	29-AUG-2009 05:48:57	Dark	54.500	101	11Alp Lep	2.5820	7000.0	109	39194	No
63	GOM_NL__2PRFIN20090829_060355_00000562082_00063_39195_1970.N1	29-AUG-2009 06:03:55	Dark	55.500	157	The1Eri	2.9060	9300.0	111	39195	No
64	GOM_NL__2PRFIN20090829_061214_00000492082_00063_39195_1971.N1	29-AUG-2009 06:12:14	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	39195	No
65	GOM_NL__2PRFIN20090829_061834_00000452082_00063_39195_1972.N1	29-AUG-2009 06:18:34	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	39195	No
66	GOM_NL__2PRFIN20090829_062813_00000572082_00063_39195_1973.N1	29-AUG-2009 06:28:13	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39195	No
67	GOM_NL__2PRFIN20090829_063429_00000522082_00063_39195_1974.N1	29-AUG-2009 06:34:29	Bright	51.500	90	54Alp Peg	2.4870	11000.	103	39195	No
68	GOM_NL__2PRFIN20090829_063839_00000452082_00063_39195_1975.N1	29-AUG-2009 06:38:39	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39195	No
69	GOM_NL__2PRFIN20090829_064925_00000442082_00063_39195_1976.N1	29-AUG-2009 06:49:25	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39195	No
70	GOM_NL__2PRFIN20090829_065135_00000452082_00063_39195_1977.N1	29-AUG-2009 06:51:35	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	39195	No
71	GOM_NL__2PRFIN20090829_070602_00000552082_00063_39195_1978.N1	29-AUG-2009 07:06:02	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39195	No
72	GOM_NL__2PRFIN20090829_070933_00000452082_00063_39195_1979.N1	29-AUG-2009 07:09:33	Bright	44.500	107	37The Aur	2.6490	11000.	89	39195	No
73	GOM_NL__2PRFIN20090829_071431_00000492082_00063_39195_1980.N1	29-AUG-2009 07:14:31	Twilight_and_stray	48.500	151	13Mu Gem	2.8900	3000.0	97	39195	No
74	GOM_NL__2PRFIN20090829_071614_00000452082_00063_39195_1981.N1	29-AUG-2009 07:16:14	Twilight_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	39195	No
75	GOM_NL__2PRFIN20090829_072034_00000702082_00063_39195_1982.N1	29-AUG-2009 07:20:34	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	39195	No
76	GOM_NL__2PRFIN20090829_072431_00000612082_00063_39195_1983.N1	29-AUG-2009 07:24:31	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39195	No
77	GOM_NL__2PRFIN20090829_072624_00000532082_00063_39195_1984.N1	29-AUG-2009 07:26:24	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39195	No
78	GOM_NL__2PRFIN20090829_072819_00000372082_00063_39195_1985.N1	29-AUG-2009 07:28:19	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	39195	No
79	GOM_NL__2PRFIN20090829_072934_00000522082_00063_39195_1986.N1	29-AUG-2009 07:29:34	Dark	52.000	101	11Alp Lep	2.5820	7000.0	104	39195	No
80	GOM_NL__2PRFIN20090829_074432_00000552082_00064_39196_1984.N1	29-AUG-2009 07:44:32	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39196	No
81	GOM_NL__2PRFIN20090829_075251_00000482082_00064_39196_1985.N1	29-AUG-2009 07:52:51	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39196	No
82	GOM_NL__2PRFIN20090829_075911_00000492082_00064_39196_1986.N1	29-AUG-2009 07:59:11	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	39196	No
83	GOM_NL__2PRFIN20090829_080849_00000572082_00064_39196_1987.N1	29-AUG-2009 08:08:49	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39196	No
84	GOM_NL__2PRFIN20090829_081504_00000502082_00064_39196_1988.N1	29-AUG-2009 08:15:04	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39196	No
85	GOM_NL__2PRFIN20090829_081914_00000442082_00064_39196_1989.N1	29-AUG-2009 08:19:14	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39196	No
86	GOM_NL__2PRFIN20090829_083001_00000462082_00064_39196_1990.N1	29-AUG-2009 08:30:01	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39196	No
87	GOM_NL__2PRFIN20090829_083211_00000452082_00064_39196_1991.N1	29-AUG-2009 08:32:11	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39196	No
88	GOM_NL__2PRFIN20090829_084724_00000472082_00064_39196_1992.N1	29-AUG-2009 08:47:24	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	39196	No
89	GOM_NL__2PRFIN20090829_085009_00000462082_00064_39196_1993.N1	29-AUG-2009 08:50:09	Bright	46.000	107	37The Aur	2.6490	11000.	92	39196	No
90	GOM_NL__2PRFIN20090829_085507_00000542082_00064_39196_1994.N1	29-AUG-2009 08:55:07	Twilight_and_stray	53.500	151	13Mu Gem	2.8900	3000.0	107	39196	No
91	GOM_NL__2PRFIN20090829_085650_00000462082_00064_39196_1995.N1	29-AUG-2009 08:56:50	Twilight_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	39196	No
92	GOM_NL__2PRFIN20090829_090111_00000732082_00064_39196_1996.N1	29-AUG-2009 09:01:11	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39196	No
93	GOM_NL__2PRFIN20090829_090508_00000632082_00064_39196_1997.N1	29-AUG-2009 09:05:08	Dark	62.500	30	46Eps Ori	1.6940	30000.	125	39196	No
94	GOM_NL__2PRFIN20090829_090701_00000552082_00064_39196_1998.N1	29-AUG-2009 09:07:01	Dark	54.500	56	53Kap Ori	2.0650	30000.	109	39196	No
95	GOM_NL__2PRFIN20090829_090856_00000302082_00064_39196_1999.N1	29-AUG-2009 09:08:56	Dark	30.000	7	19Bet Ori	0.10000	14000.	60	39196	No
96	GOM_NL__2PRFIN20090829_091011_00000512082_00064_39196_2000.N1	29-AUG-2009 09:10:11	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39196	No
97	GOM_NL__2PRFIN20090829_092509_00000542082_00065_39197_1998.N1	29-AUG-2009 09:25:09	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39197	No
98	GOM_NL__2PRFIN20090829_093327_00000512082_00065_39197_1999.N1	29-AUG-2009 09:33:27	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39197	No
99	GOM_NL__2PRFIN20090829_093947_00000462082_00065_39197_2000.N1	29-AUG-2009 09:39:47	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39197	No
100	GOM_NL__2PRFIN20090829_094925_00000392082_00065_39197_2001.N1	29-AUG-2009 09:49:25	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39197	No
101	GOM_NL__2PRFIN20090829_095539_00000502082_00065_39197_2002.N1	29-AUG-2009 09:55:39	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	39197	No

102	GOM_NL__2PRFIN20090829_095949_000000442082_00065_39197_2003.N1	29-AUG-2009 09:59:49	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39197	No
103	GOM_NL__2PRFIN20090829_101036_000000442082_00065_39197_2004.N1	29-AUG-2009 10:10:36	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39197	No
104	GOM_NL__2PRFIN20090829_101246_000000472082_00065_39197_2005.N1	29-AUG-2009 10:12:46	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39197	No
105	GOM_NL__2PRFIN20090829_102800_000000462082_00065_39197_2006.N1	29-AUG-2009 10:28:00	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	39197	No
106	GOM_NL__2PRFIN20090829_103045_000000462082_00065_39197_2007.N1	29-AUG-2009 10:30:45	Bright	45.500	107	37The Aur	2.6490	11000.	91	39197	No
107	GOM_NL__2PRFIN20090829_103543_000000592082_00065_39197_2008.N1	29-AUG-2009 10:35:43	Twilight	59.000	151	13Mu Gem	2.8900	3000.0	118	39197	No
108	GOM_NL__2PRFIN20090829_103726_000000482082_00065_39197_2009.N1	29-AUG-2009 10:37:26	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	39197	No
109	GOM_NL__2PRFIN20090829_104148_000000632082_00065_39197_2010.N1	29-AUG-2009 10:41:48	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39197	No
110	GOM_NL__2PRFIN20090829_104545_000000612082_00065_39197_2011.N1	29-AUG-2009 10:45:45	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39197	No
111	GOM_NL__2PRFIN20090829_104738_000000532082_00065_39197_2012.N1	29-AUG-2009 10:47:38	Dark	53.000	56	53Kap Ori	2.0650	30000.	106	39197	No
112	GOM_NL__2PRFIN20090829_104934_000000302082_00065_39197_2013.N1	29-AUG-2009 10:49:34	Dark	30.000	7	19Bet Ori	0.10000	14000.	60	39197	No
113	GOM_NL__2PRFIN20090829_105048_000000522082_00065_39197_2014.N1	29-AUG-2009 10:50:48	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	39197	No
114	GOM_NL__2PRFIN20090829_110546_000000552082_00066_39198_2012.N1	29-AUG-2009 11:05:46	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39198	No
115	GOM_NL__2PRFIN20090829_111404_000000512082_00066_39198_2013.N1	29-AUG-2009 11:14:04	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39198	No
116	GOM_NL__2PRFIN20090829_112023_000000462082_00066_39198_2014.N1	29-AUG-2009 11:20:23	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	39198	No
117	GOM_NL__2PRFIN20090829_113001_000000392082_00066_39198_2015.N1	29-AUG-2009 11:30:01	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39198	No
118	GOM_NL__2PRFIN20090829_113615_000000492082_00066_39198_2016.N1	29-AUG-2009 11:36:15	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39198	No
119	GOM_NL__2PRFIN20090829_114025_000000442082_00066_39198_2017.N1	29-AUG-2009 11:40:25	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39198	No
120	GOM_NL__2PRFIN20090829_115111_000000442082_00066_39198_2018.N1	29-AUG-2009 11:51:11	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	39198	No
121	GOM_NL__2PRFIN20090829_115321_000000462082_00066_39198_2019.N1	29-AUG-2009 11:53:21	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39198	No
122	GOM_NL__2PRFIN20090829_120836_000000452082_00066_39198_2020.N1	29-AUG-2009 12:08:36	Bright	45.000	42	34Bet Aur	1.9000	10200.	90	39198	No
123	GOM_NL__2PRFIN20090829_121121_000000482082_00066_39198_2021.N1	29-AUG-2009 12:11:21	Bright	48.000	107	37The Aur	2.6490	11000.	96	39198	No
124	GOM_NL__2PRFIN20090829_121619_000000542082_00066_39198_2022.N1	29-AUG-2009 12:16:19	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	39198	No
125	GOM_NL__2PRFIN20090829_121803_000000492082_00066_39198_2023.N1	29-AUG-2009 12:18:03	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39198	No
126	GOM_NL__2PRFIN20090829_122224_000000732082_00066_39198_2024.N1	29-AUG-2009 12:22:24	Dark	73.000	14	58Alp Ori	0.87000	3000.0	146	39198	No
127	GOM_NL__2PRFIN20090829_122622_000000592082_00066_39198_2025.N1	29-AUG-2009 12:26:22	Dark	59.000	30	46Eps Ori	1.6940	30000.	118	39198	No
128	GOM_NL__2PRFIN20090829_122848_000000482082_00066_39198_2026.N1	29-AUG-2009 12:28:48	Dark	47.500	47	2Bet CMa	1.9760	28000.	95	39198	No
129	GOM_NL__2PRFIN20090829_123125_000000542082_00066_39198_2027.N1	29-AUG-2009 12:31:25	Dark	54.000	101	11Alp Lep	2.5820	7000.0	108	39198	No
130	GOM_NL__2PRFIN20090829_124624_000000552082_00067_39199_2026.N1	29-AUG-2009 12:46:24	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39199	No
131	GOM_NL__2PRFIN20090829_125440_000000472082_00067_39199_2027.N1	29-AUG-2009 12:54:40	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	39199	No
132	GOM_NL__2PRFIN20090829_130059_000000462082_00067_39199_2028.N1	29-AUG-2009 13:00:59	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39199	No
133	GOM_NL__2PRFIN20090829_131036_000000392082_00067_39199_2029.N1	29-AUG-2009 13:10:36	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39199	No
134	GOM_NL__2PRFIN20090829_131650_000000492082_00067_39199_2030.N1	29-AUG-2009 13:16:50	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39199	No
135	GOM_NL__2PRFIN20090829_132100_000000442082_00067_39199_2031.N1	29-AUG-2009 13:21:00	Bright	44.000	164	44Eta Peg	2.9480	5400.0	88	39199	No
136	GOM_NL__2PRFIN20090829_133146_000000452082_00067_39199_2032.N1	29-AUG-2009 13:31:46	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39199	No
137	GOM_NL__2PRFIN20090829_133356_000000462082_00067_39199_2033.N1	29-AUG-2009 13:33:56	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39199	No
138	GOM_NL__2PRFIN20090829_134912_000000472082_00067_39199_2034.N1	29-AUG-2009 13:49:12	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	39199	No
139	GOM_NL__2PRFIN20090829_135157_000000492082_00067_39199_2035.N1	29-AUG-2009 13:51:57	Bright	48.500	107	37The Aur	2.6490	11000.	97	39199	No
140	GOM_NL__2PRFIN20090829_135655_000000552082_00067_39199_2036.N1	29-AUG-2009 13:56:55	Twilight	55.000	151	13Mu Gem	2.8900	3000.0	110	39199	No
141	GOM_NL__2PRFIN20090829_135839_000000492082_00067_39199_2037.N1	29-AUG-2009 13:58:39	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	39199	No
142	GOM_NL__2PRFIN20090829_140301_000000702082_00067_39199_2038.N1	29-AUG-2009 14:03:01	Dark	69.500	14	58Alp Ori	0.87000	3000.0	139	39199	No
143	GOM_NL__2PRFIN20090829_140659_000000612082_00067_39199_2039.N1	29-AUG-2009 14:06:59	Dark	61.000	30	46Eps Ori	1.6940	30000.	122	39199	No
144	GOM_NL__2PRFIN20090829_140925_000000462082_00067_39199_2040.N1	29-AUG-2009 14:09:25	Dark	45.500	47	2Bet CMa	1.9760	28000.	91	39199	No
145	GOM_NL__2PRFIN20090829_141202_000000592082_00067_39199_2041.N1	29-AUG-2009 14:12:02	Dark	58.500	101	11Alp Lep	2.5820	7000.0	117	39199	No
146	GOM_NL__2PRFIN20090829_142701_000000532082_00068_39200_2042.N1	29-AUG-2009 14:27:01	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39200	No
147	GOM_NL__2PRFIN20090829_143517_000000532082_00068_39200_2043.N1	29-AUG-2009 14:35:17	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39200	No
148	GOM_NL__2PRFIN20090829_144136_000000462082_00068_39200_2044.N1	29-AUG-2009 14:41:36	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39200	No
149	GOM_NL__2PRFIN20090829_145113_000000412082_00068_39200_2045.N1	29-AUG-2009 14:51:13	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	39200	No
150	GOM_NL__2PRFIN20090829_145725_000000492082_00068_39200_2046.N1	29-AUG-2009 14:57:25	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	39200	No
151	GOM_NL__2PRFIN20090829_150135_000000442082_00068_39200_2047.N1	29-AUG-2009 15:01:35	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39200	No
152	GOM_NL__2PRFIN20090829_151221_000000442082_00068_39200_2048.N1	29-AUG-2009 15:12:21	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	39200	No
153	GOM_NL__2PRFIN20090829_151432_000000472082_00068_39200_2049.N1	29-AUG-2009 15:14:32	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39200	No
154	GOM_NL__2PRFIN20090829_152947_000000442082_00068_39200_2050.N1	29-AUG-2009 15:29:47	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	39200	No
155	GOM_NL__2PRFIN20090829_153233_000000432082_00068_39200_2051.N1	29-AUG-2009 15:32:33	Bright	43.000	107	37The Aur	2.6490	11000.	86	39200	No
156	GOM_NL__2PRFIN20090829_153732_000000542082_00068_39200_2052.N1	29-AUG-2009 15:37:32	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	39200	No
157	GOM_NL__2PRFIN20090829_153915_000000502082_00068_39200_2053.N1	29-AUG-2009 15:39:15	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	39200	No
158	GOM_NL__2PRFIN20090829_154338_000000742082_00068_39200_2054.N1	29-AUG-2009 15:43:38	Dark	73.500	14	58Alp Ori	0.87000	3000.0	147	39200	No
159	GOM_NL__2PRFIN20090829_154736_000000642082_00068_39200_2055.N1	29-AUG-2009 15:47:36	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	39200	No
160	GOM_NL__2PRFIN20090829_155001_000000452082_00068_39200_2056.N1	29-AUG-2009 15:50:01	Dark	45.000	47	2Bet CMa	1.9760	28000.	90	39200	No

161	GOM_NL__2PRFIN20090829_155239_000000552082_00068_39200_2057.N1	29-AUG-2009 15:52:39	Dark	55.000	101	11Alp Lep	2.5820	7000.0	110	39200	No
162	GOM_NL__2PRFIN20090829_160738_000000542082_00069_39201_2056.N1	29-AUG-2009 16:07:38	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39201	No
163	GOM_NL__2PRFIN20090829_161553_000000532082_00069_39201_2057.N1	29-AUG-2009 16:15:53	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39201	No
164	GOM_NL__2PRFIN20090829_162212_000000472082_00069_39201_2058.N1	29-AUG-2009 16:22:12	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	39201	No
165	GOM_NL__2PRFIN20090829_163148_000000402082_00069_39201_2059.N1	29-AUG-2009 16:31:48	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39201	No
166	GOM_NL__2PRFIN20090829_163801_000000492082_00069_39201_2060.N1	29-AUG-2009 16:38:01	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39201	No
167	GOM_NL__2PRFIN20090829_164211_000000432082_00069_39201_2061.N1	29-AUG-2009 16:42:11	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	39201	No
168	GOM_NL__2PRFIN20090829_165257_000000462082_00069_39201_2062.N1	29-AUG-2009 16:52:57	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	39201	No
169	GOM_NL__2PRFIN20090829_165507_000000452082_00069_39201_2063.N1	29-AUG-2009 16:55:07	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	39201	No
170	GOM_NL__2PRFIN20090829_171023_000000642082_00069_39201_2064.N1	29-AUG-2009 17:10:23	Bright	64.000	42	34Bet Aur	1.9000	10200.	128	39201	No
171	GOM_NL__2PRFIN20090829_171309_000000572082_00069_39201_2065.N1	29-AUG-2009 17:13:09	Bright	57.000	107	37The Aur	2.6490	11000.	114	39201	No
172	GOM_NL__2PRFIN20090829_171808_000000552082_00069_39201_2066.N1	29-AUG-2009 17:18:08	Twl_and_stray	54.500	151	13Mu Gem	2.8900	3000.0	109	39201	No
173	GOM_NL__2PRFIN20090829_171952_000000482082_00069_39201_2067.N1	29-AUG-2009 17:19:52	Twl_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	39201	No
174	GOM_NL__2PRFIN20090829_172414_000000662082_00069_39201_2068.N1	29-AUG-2009 17:24:14	Dark	65.500	14	58Alp Ori	0.87000	3000.0	131	39201	No
175	GOM_NL__2PRFIN20090829_172813_000000612082_00069_39201_2069.N1	29-AUG-2009 17:28:13	Dark	60.500	30	46Eps Ori	1.6940	30000.	121	39201	No
176	GOM_NL__2PRFIN20090829_173038_000000482082_00069_39201_2070.N1	29-AUG-2009 17:30:38	Dark	48.000	47	2Bet CMA	1.9760	28000.	96	39201	No
177	GOM_NL__2PRFIN20090829_173316_000000532082_00069_39201_2071.N1	29-AUG-2009 17:33:16	Dark	52.500	101	11Alp Lep	2.5820	7000.0	105	39201	No
178	GOM_NL__2PRFIN20090829_174815_000000542082_00070_39202_2131.N1	29-AUG-2009 17:48:15	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39202	No
179	GOM_NL__2PRFIN20090829_175630_000000562082_00070_39202_2132.N1	29-AUG-2009 17:56:30	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	39202	No
180	GOM_NL__2PRFIN20090829_180248_000000482082_00070_39202_2133.N1	29-AUG-2009 18:02:48	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	39202	No
181	GOM_NL__2PRFIN20090829_181224_000000572082_00070_39202_2134.N1	29-AUG-2009 18:12:24	Bright	57.000	162	34Alp Aqr	2.9440	5350.0	114	39202	No
182	GOM_NL__2PRFIN20090829_181836_000000492082_00070_39202_2135.N1	29-AUG-2009 18:18:36	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39202	No
183	GOM_NL__2PRFIN20090829_182246_000000462082_00070_39202_2136.N1	29-AUG-2009 18:22:46	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39202	No
184	GOM_NL__2PRFIN20090829_183332_000000452082_00070_39202_2137.N1	29-AUG-2009 18:33:32	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39202	No
185	GOM_NL__2PRFIN20090829_183542_000000442082_00070_39202_2138.N1	29-AUG-2009 18:35:42	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	39202	No
186	GOM_NL__2PRFIN20090829_185011_000000592082_00070_39202_2139.N1	29-AUG-2009 18:50:11	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39202	No
187	GOM_NL__2PRFIN20090829_185345_000000482082_00070_39202_2140.N1	29-AUG-2009 18:53:45	Bright	48.000	107	37The Aur	2.6490	11000.	96	39202	No
188	GOM_NL__2PRFIN20090829_185844_000000522082_00070_39202_2141.N1	29-AUG-2009 18:58:44	Twl_and_stray	51.500	151	13Mu Gem	2.8900	3000.0	103	39202	No
189	GOM_NL__2PRFIN20090829_190028_000000492082_00070_39202_2142.N1	29-AUG-2009 19:00:28	Twl_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	39202	No
190	GOM_NL__2PRFIN20090829_190451_000000722082_00070_39202_2143.N1	29-AUG-2009 19:04:51	Dark	71.500	14	58Alp Ori	0.87000	3000.0	143	39202	No
191	GOM_NL__2PRFIN20090829_190850_000000632082_00070_39202_2144.N1	29-AUG-2009 19:08:50	Dark	62.500	30	46Eps Ori	1.6940	30000.	125	39202	No
192	GOM_NL__2PRFIN20090829_191115_000000442082_00070_39202_2145.N1	29-AUG-2009 19:11:15	Dark	44.000	47	2Bet CMA	1.9760	28000.	88	39202	No
193	GOM_NL__2PRFIN20090829_191353_000000512082_00070_39202_2146.N1	29-AUG-2009 19:13:53	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39202	No
194	GOM_NL__2PRFIN20090829_192852_000000552082_00071_39203_2105.N1	29-AUG-2009 19:28:52	Dark	55.000	157	The1Eri	2.9060	9300.0	110	39203	No
195	GOM_NL__2PRFIN20090829_193707_000000552082_00071_39203_2106.N1	29-AUG-2009 19:37:07	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	39203	No
196	GOM_NL__2PRFIN20090829_194324_000000452082_00071_39203_2107.N1	29-AUG-2009 19:43:24	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	39203	No
197	GOM_NL__2PRFIN20090829_195300_000000392082_00071_39203_2108.N1	29-AUG-2009 19:53:00	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39203	No
198	GOM_NL__2PRFIN20090829_195911_000000492082_00071_39203_2109.N1	29-AUG-2009 19:59:11	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	39203	No
199	GOM_NL__2PRFIN20090829_200321_000000442082_00071_39203_2110.N1	29-AUG-2009 20:03:21	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	39203	No
200	GOM_NL__2PRFIN20090829_201407_000000452082_00071_39203_2111.N1	29-AUG-2009 20:14:07	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39203	No
201	GOM_NL__2PRFIN20090829_201617_000000472082_00071_39203_2112.N1	29-AUG-2009 20:16:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39203	No
202	GOM_NL__2PRFIN20090829_203047_000000552082_00071_39203_2113.N1	29-AUG-2009 20:30:47	Bright	54.500	6	13Alp Aur	0.080000	3400.0	109	39203	No
203	GOM_NL__2PRFIN20090829_203421_000000512082_00071_39203_2114.N1	29-AUG-2009 20:34:21	Bright	50.500	107	37The Aur	2.6490	11000.	101	39203	No
204	GOM_NL__2PRFIN20090829_203920_000000542082_00071_39203_2115.N1	29-AUG-2009 20:39:20	Twl_and_stray	54.000	151	13Mu Gem	2.8900	3000.0	108	39203	No
205	GOM_NL__2PRFIN20090829_204104_000000502082_00071_39203_2116.N1	29-AUG-2009 20:41:04	Twl_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	39203	No
206	GOM_NL__2PRFIN20090829_204528_000000642082_00071_39203_2117.N1	29-AUG-2009 20:45:28	Dark	64.000	14	58Alp Ori	0.87000	3000.0	128	39203	No
207	GOM_NL__2PRFIN20090829_204927_000000632082_00071_39203_2118.N1	29-AUG-2009 20:49:27	Dark	62.500	30	46Eps Ori	1.6940	30000.	125	39203	No
208	GOM_NL__2PRFIN20090829_205151_000000462082_00071_39203_2119.N1	29-AUG-2009 20:51:51	Dark	46.000	47	2Bet CMA	1.9760	28000.	92	39203	No
209	GOM_NL__2PRFIN20090829_205430_000000502082_00071_39203_2120.N1	29-AUG-2009 20:54:30	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	39203	No
210	GOM_NL__2PRFIN20090829_210929_000000552082_00072_39204_2114.N1	29-AUG-2009 21:09:29	Dark	54.500	157	The1Eri	2.9060	9300.0	109	39204	No
211	GOM_NL__2PRFIN20090829_211743_000000522082_00072_39204_2115.N1	29-AUG-2009 21:17:43	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	39204	No
212	GOM_NL__2PRFIN20090829_212401_000000462082_00072_39204_2116.N1	29-AUG-2009 21:24:01	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	39204	No
213	GOM_NL__2PRFIN20090829_213336_000000392082_00072_39204_2117.N1	29-AUG-2009 21:33:36	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	39204	No
214	GOM_NL__2PRFIN20090829_213947_000000482082_00072_39204_2118.N1	29-AUG-2009 21:39:47	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	39204	No
215	GOM_NL__2PRFIN20090829_214357_000000432082_00072_39204_2119.N1	29-AUG-2009 21:43:57	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	39204	No
216	GOM_NL__2PRFIN20090829_215443_000000452082_00072_39204_2120.N1	29-AUG-2009 21:54:43	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	39204	No
217	GOM_NL__2PRFIN20090829_215652_000000472082_00072_39204_2121.N1	29-AUG-2009 21:56:52	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39204	No
218	GOM_NL__2PRFIN20090829_221123_000000592082_00072_39204_2122.N1	29-AUG-2009 22:11:23	Bright	58.500	6	13Alp Aur	0.080000	3400.0	117	39204	No
219	GOM_NL__2PRFIN20090829_221457_000000472082_00072_39204_2123.N1	29-AUG-2009 22:14:57	Bright	46.500	107	37The Aur	2.6490	11000.	93	39204	No

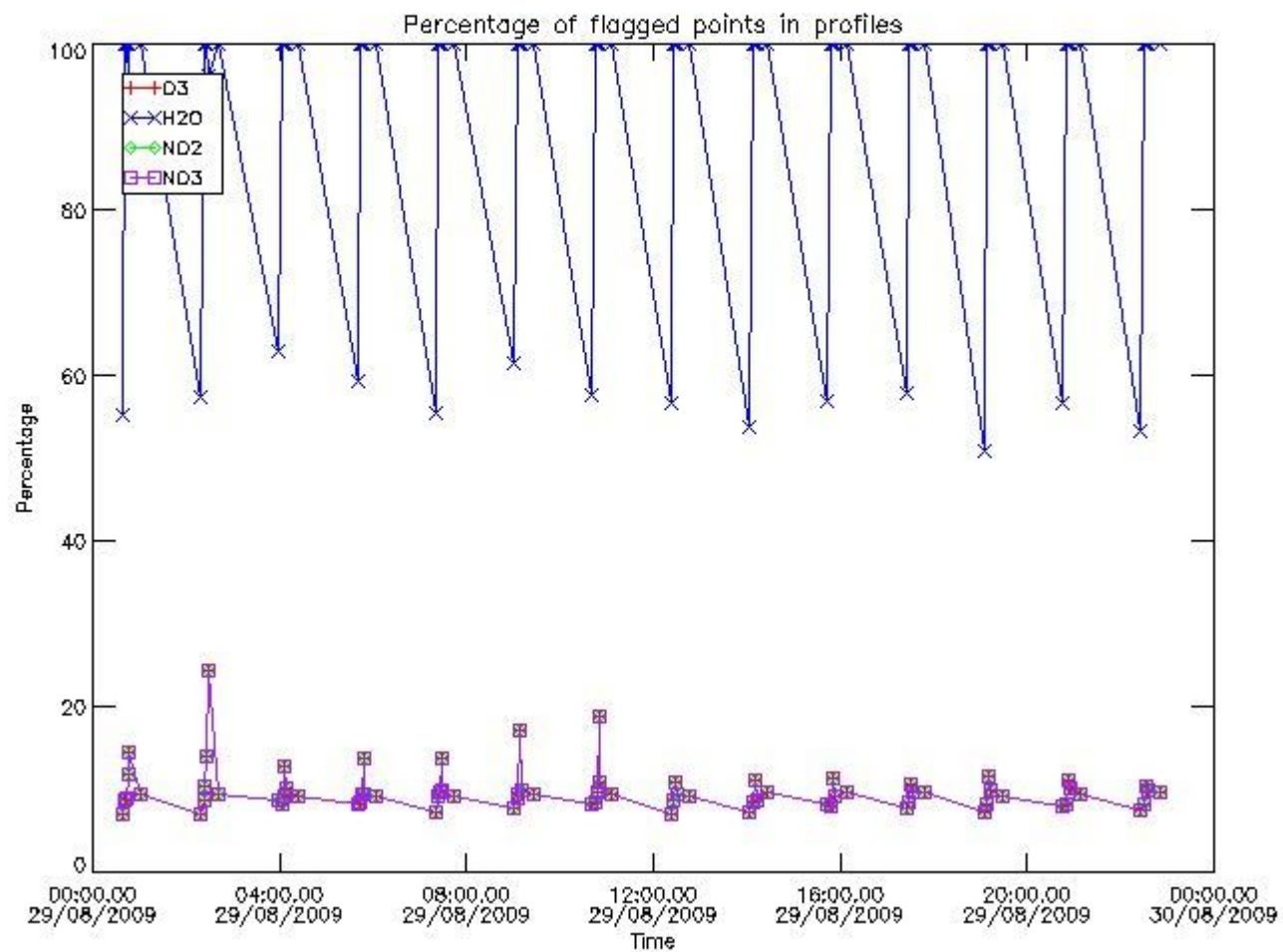


220	GOM_NL__2PRFIN20090829_221957_000000562082_00072_39204_2124.N1	29-AUG-2009 22:19:57	Twilight_stray	55.500	151	13Mu Gem	2.8900	3000.0	111	39204	No
221	GOM_NL__2PRFIN20090829_222140_000000492082_00072_39204_2125.N1	29-AUG-2009 22:21:40	Twilight_stray	49.000	44	24Gam Gem	1.9280	11000.	98	39204	No
222	GOM_NL__2PRFIN20090829_222604_000000692082_00072_39204_2126.N1	29-AUG-2009 22:26:04	Dark	69.000	14	58Alp Ori	0.87000	3000.0	138	39204	No
223	GOM_NL__2PRFIN20090829_223004_000000632082_00072_39204_2127.N1	29-AUG-2009 22:30:04	Dark	63.000	30	46Eps Ori	1.6940	30000.	126	39204	No
224	GOM_NL__2PRFIN20090829_223228_000000492082_00072_39204_2128.N1	29-AUG-2009 22:32:28	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39204	No
225	GOM_NL__2PRFIN20090829_223507_000000512082_00072_39204_2129.N1	29-AUG-2009 22:35:07	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	39204	No
226	GOM_NL__2PRFIN20090829_225006_000000532082_00073_39205_2140.N1	29-AUG-2009 22:50:06	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39205	No
227	GOM_NL__2PRFIN20090829_225820_000000522082_00073_39205_2141.N1	29-AUG-2009 22:58:20	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	39205	No
228	GOM_NL__2PRFIN20090829_230437_000000472082_00073_39205_2142.N1	29-AUG-2009 23:04:37	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	39205	No
229	GOM_NL__2PRFIN20090829_231412_000000402082_00073_39205_2143.N1	29-AUG-2009 23:14:12	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	39205	No
230	GOM_NL__2PRFIN20090829_232022_000000542082_00073_39205_2144.N1	29-AUG-2009 23:20:22	Bright	54.000	90	54Alp Peg	2.4870	11000.	108	39205	No
231	GOM_NL__2PRFIN20090829_232432_000000452082_00073_39205_2145.N1	29-AUG-2009 23:24:32	Bright	44.500	164	44Eta Peg	2.9480	5400.0	89	39205	No
232	GOM_NL__2PRFIN20090829_233517_000000452082_00073_39205_2146.N1	29-AUG-2009 23:35:17	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39205	No
233	GOM_NL__2PRFIN20090829_233727_000000462082_00073_39205_2147.N1	29-AUG-2009 23:37:27	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	39205	No
234	GOM_NL__2PRFIN20090829_235158_000000592082_00073_39205_2148.N1	29-AUG-2009 23:51:58	Bright	59.000	6	13Alp Aur	0.080000	3400.0	118	39205	No
235	GOM_NL__2PRFIN20090829_235533_000000482082_00073_39205_2149.N1	29-AUG-2009 23:55:33	Bright	47.500	107	37The Aur	2.6490	11000.	95	39205	No

### 3. Quality information per product

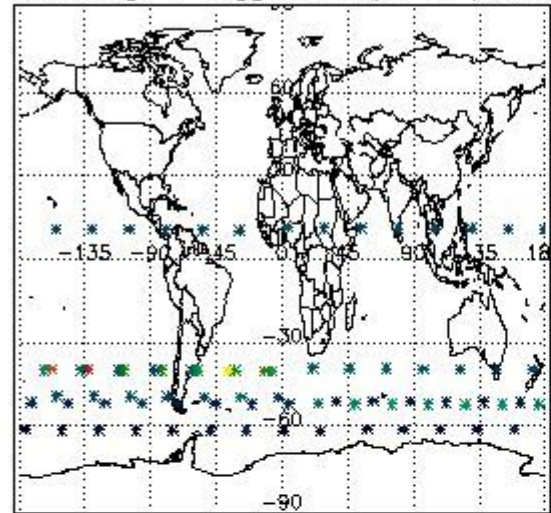
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

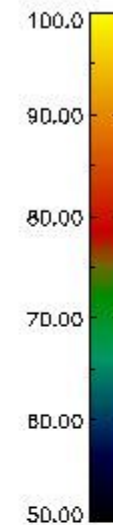
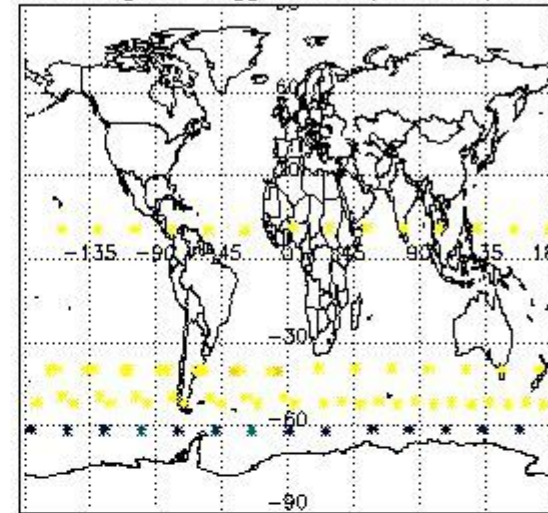


### 3.2 Plot quality information per product (world map)

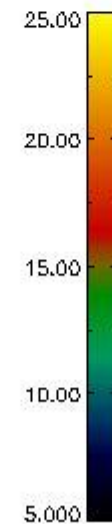
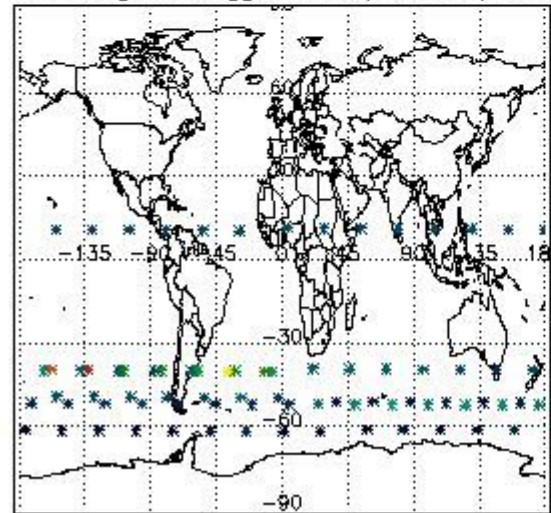
Percentage of flagged data per O3 profile



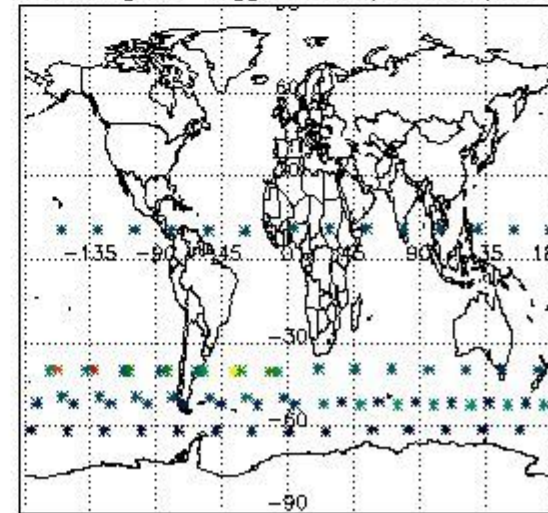
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

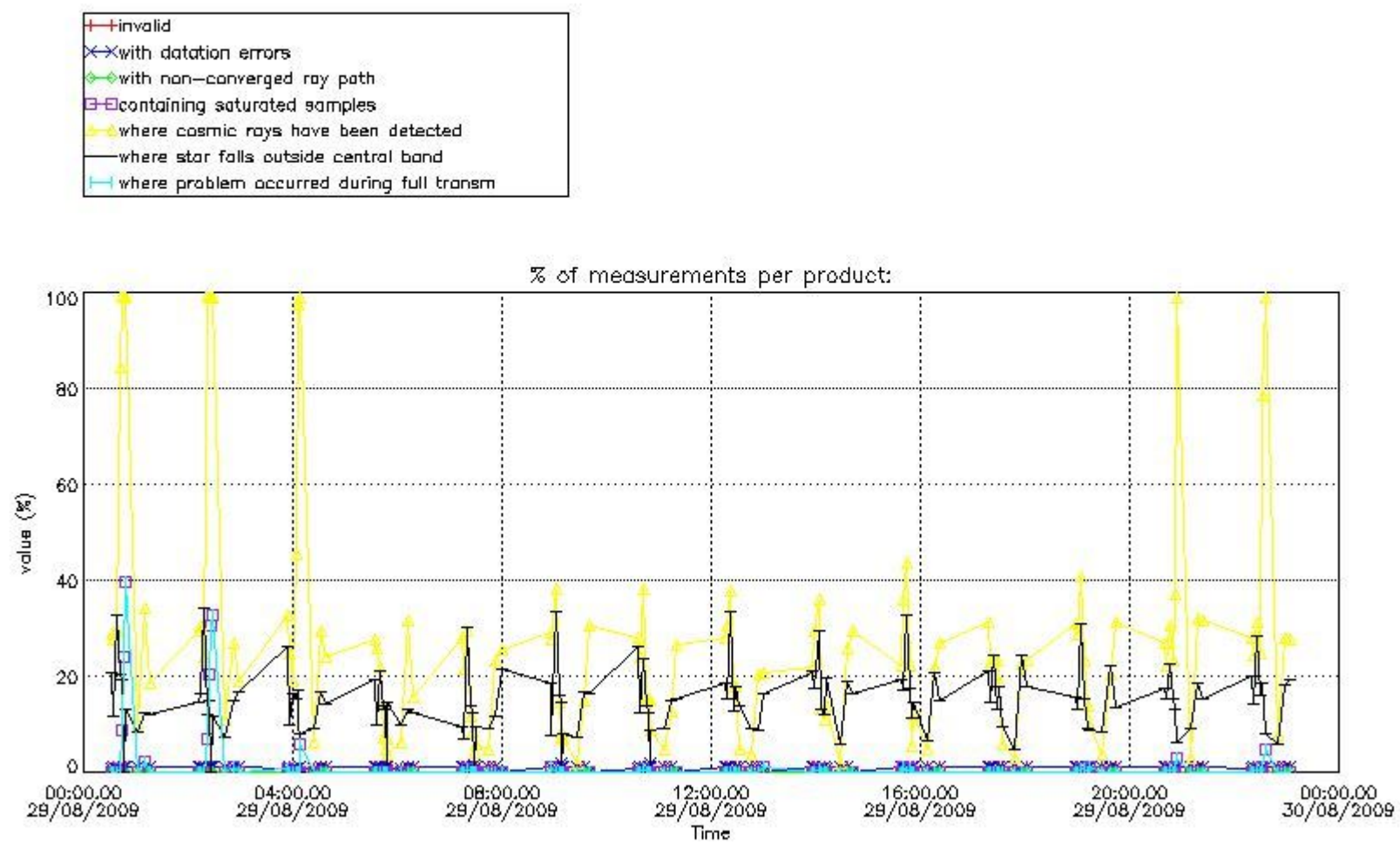


### 4. Level 1 quality information per product

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

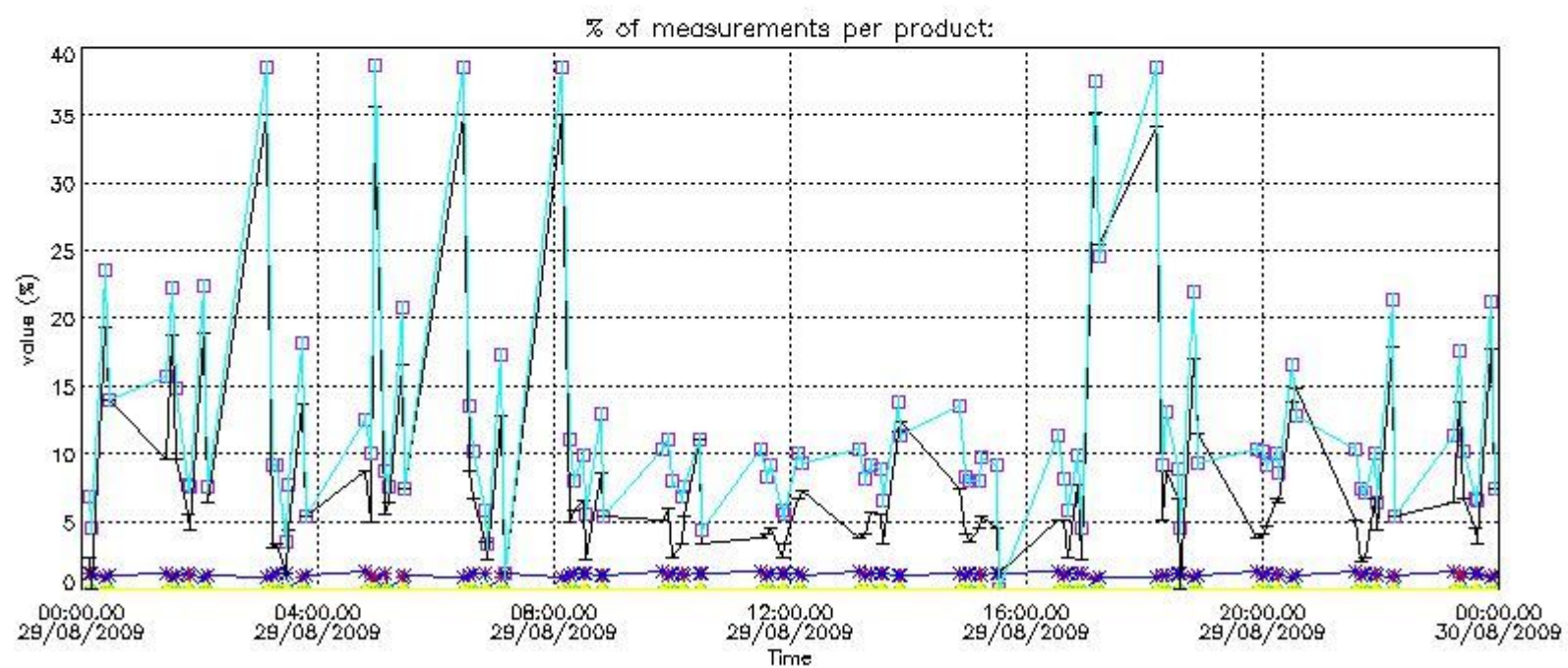
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



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



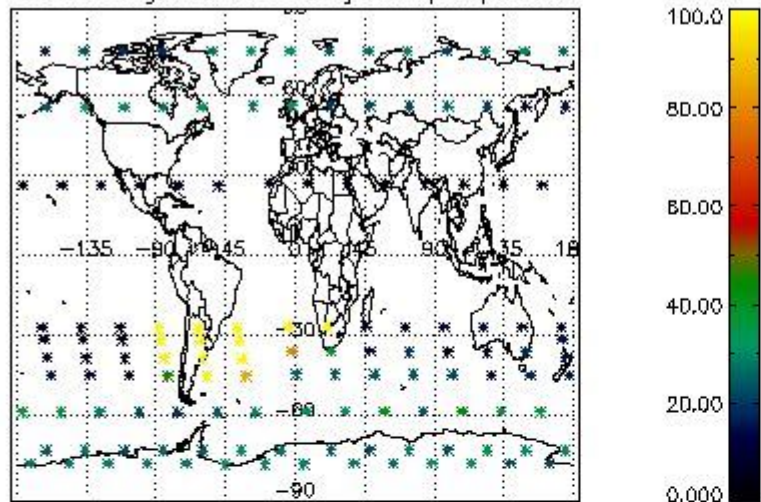


*4.2 Plot quality information per product coming from level 1b processing (world map)*

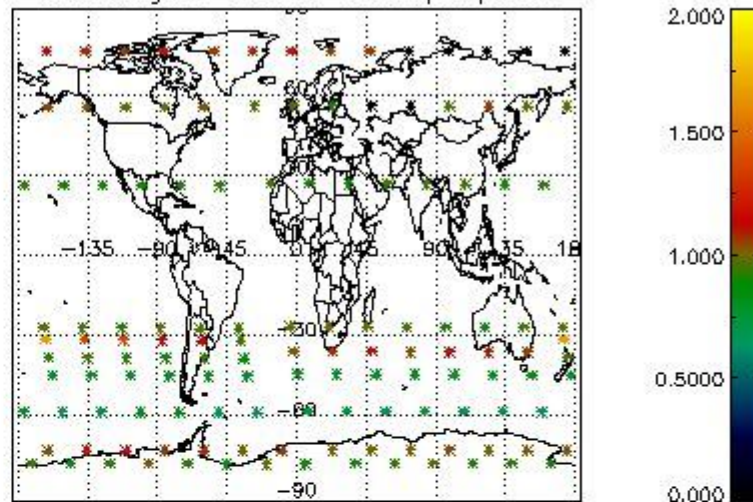
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*



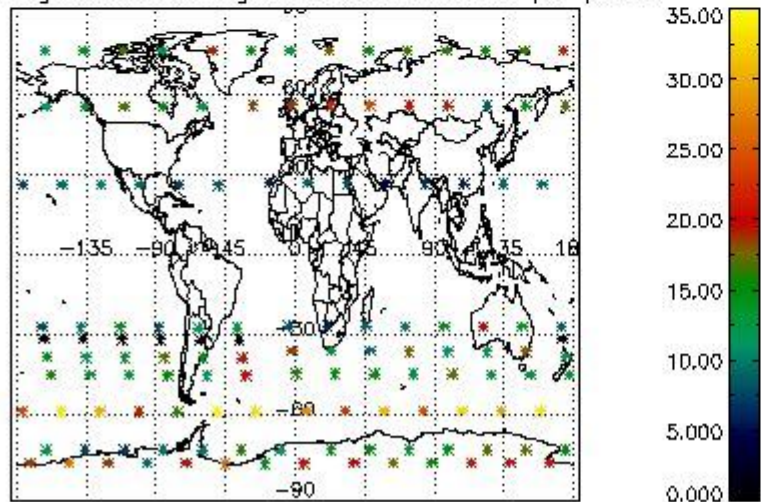
Percentage of cosmic ray hits per profile



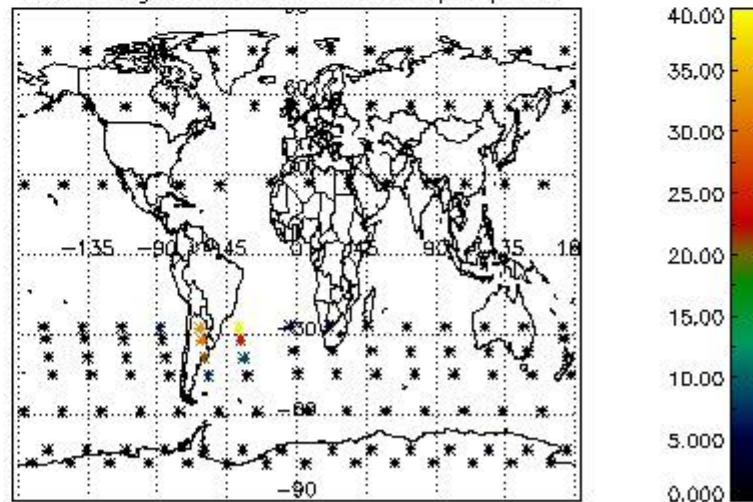
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

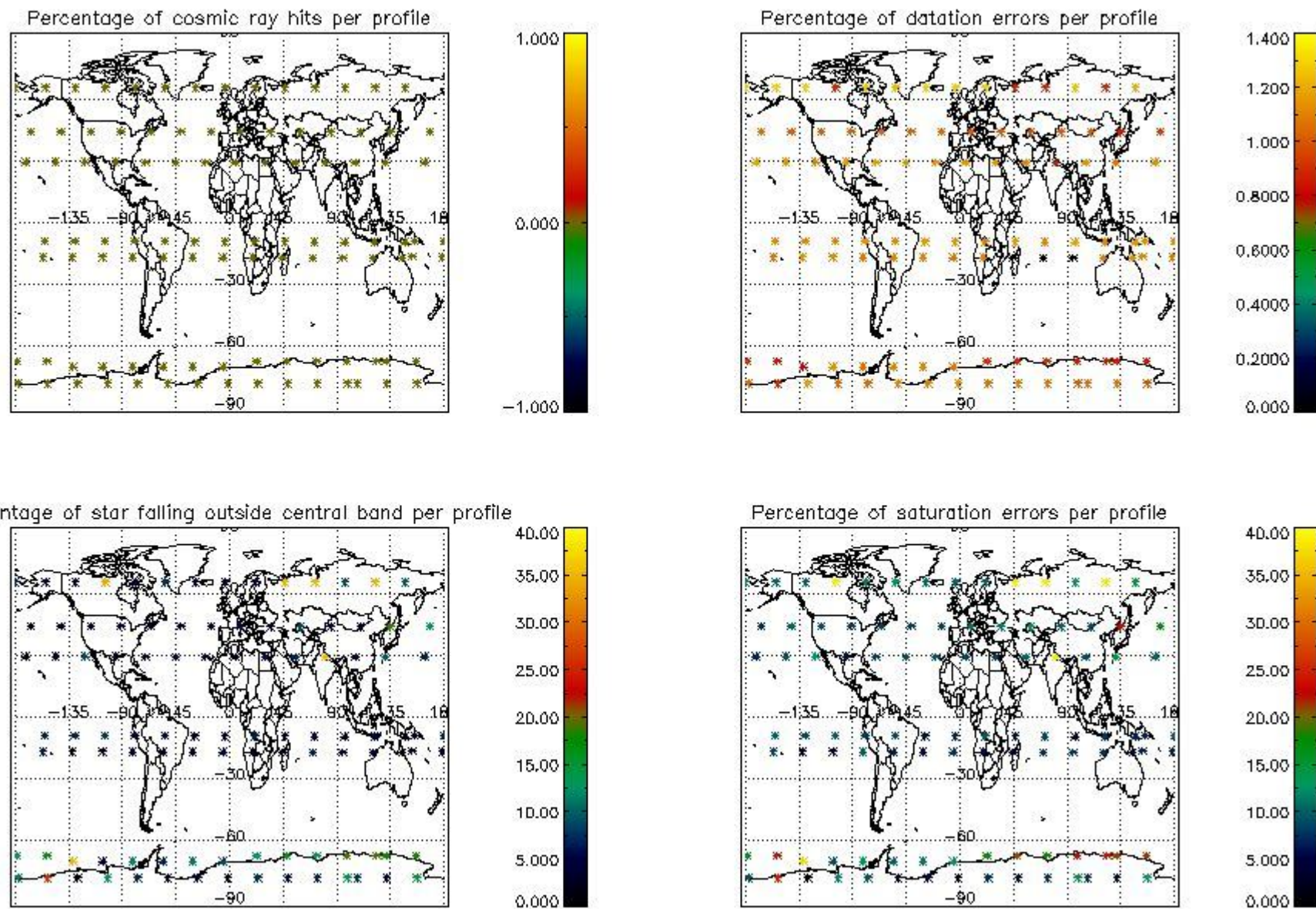


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

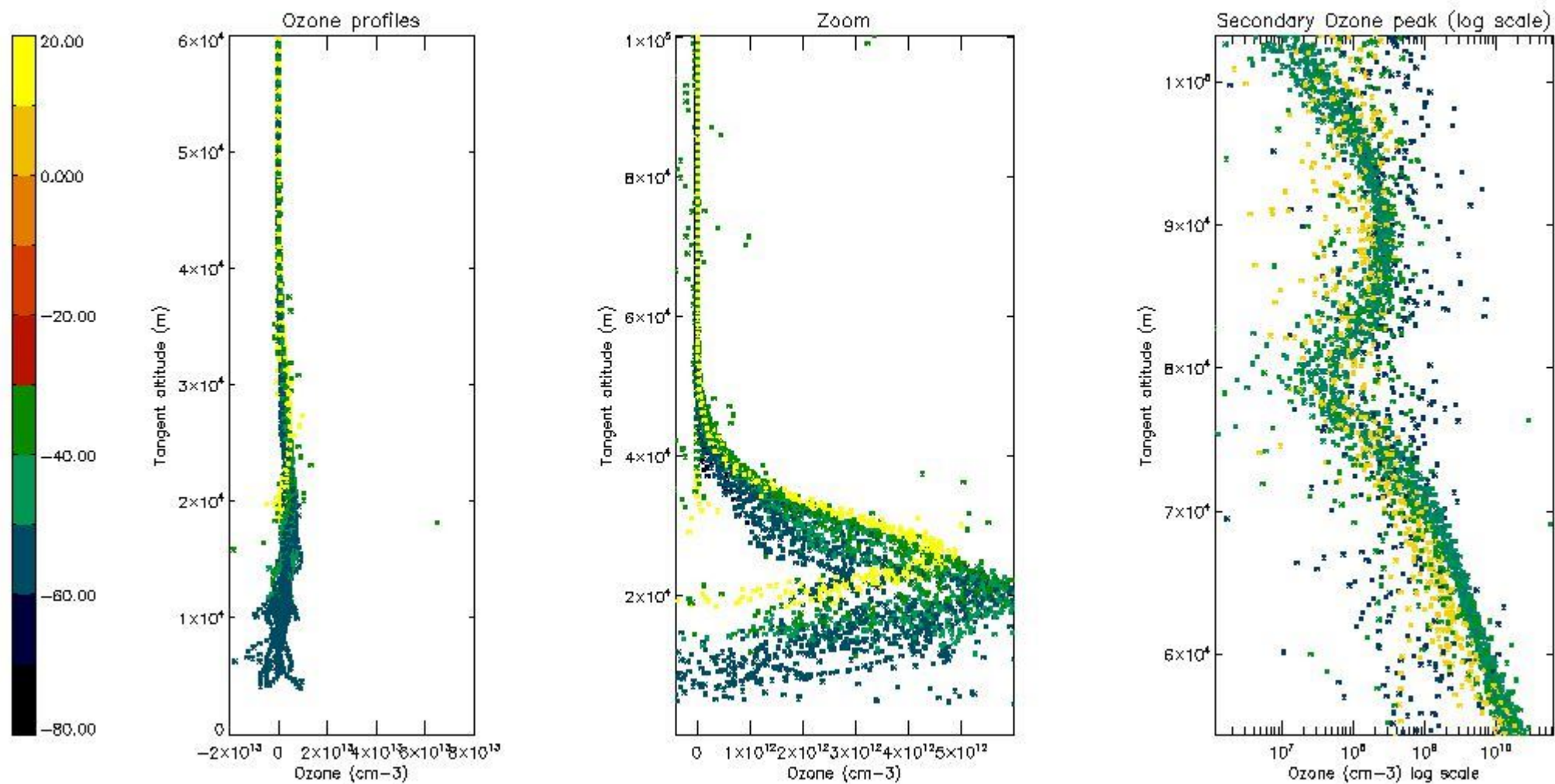
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	18

STD < 10	14
STD < 5	8

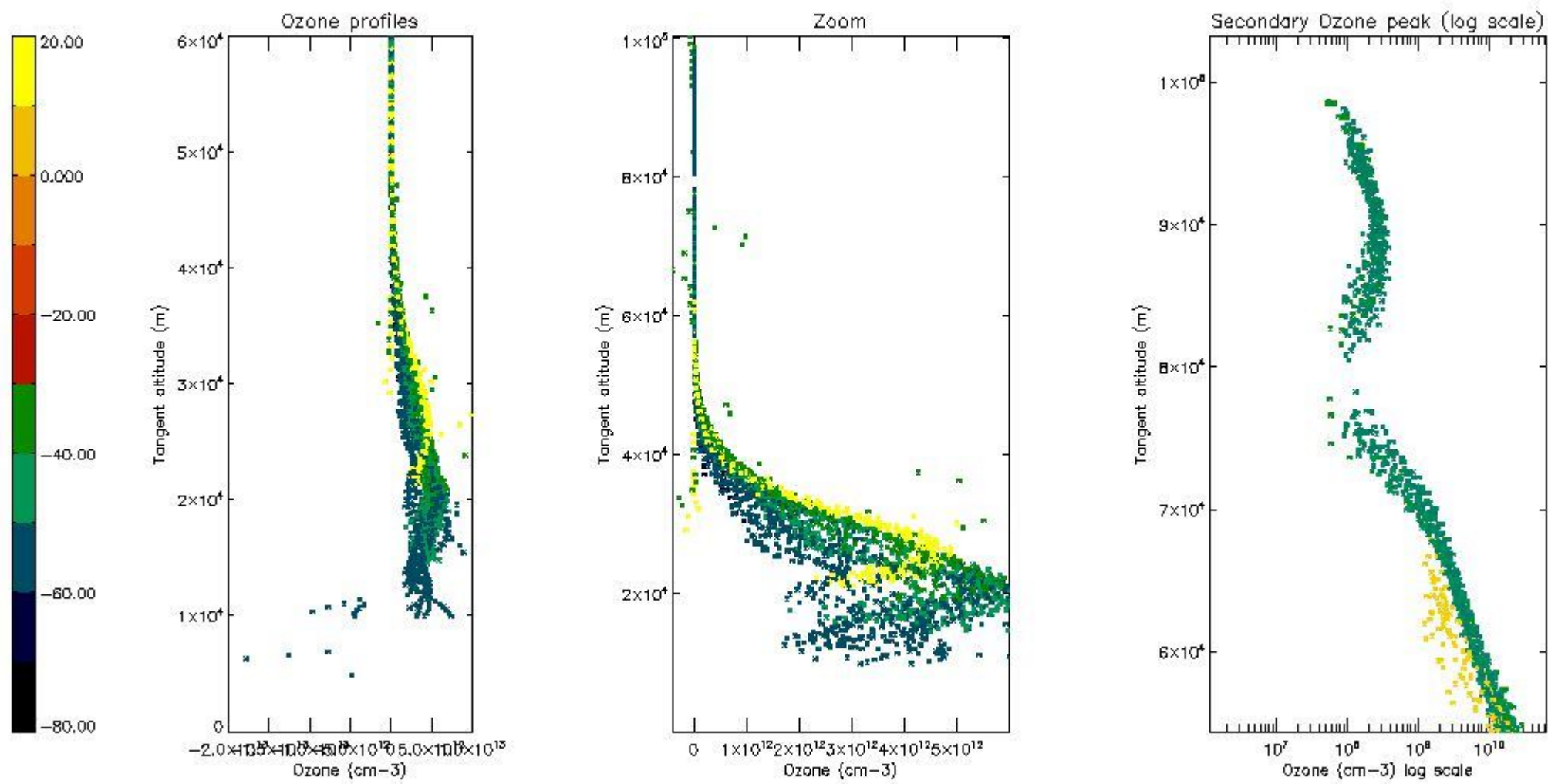
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

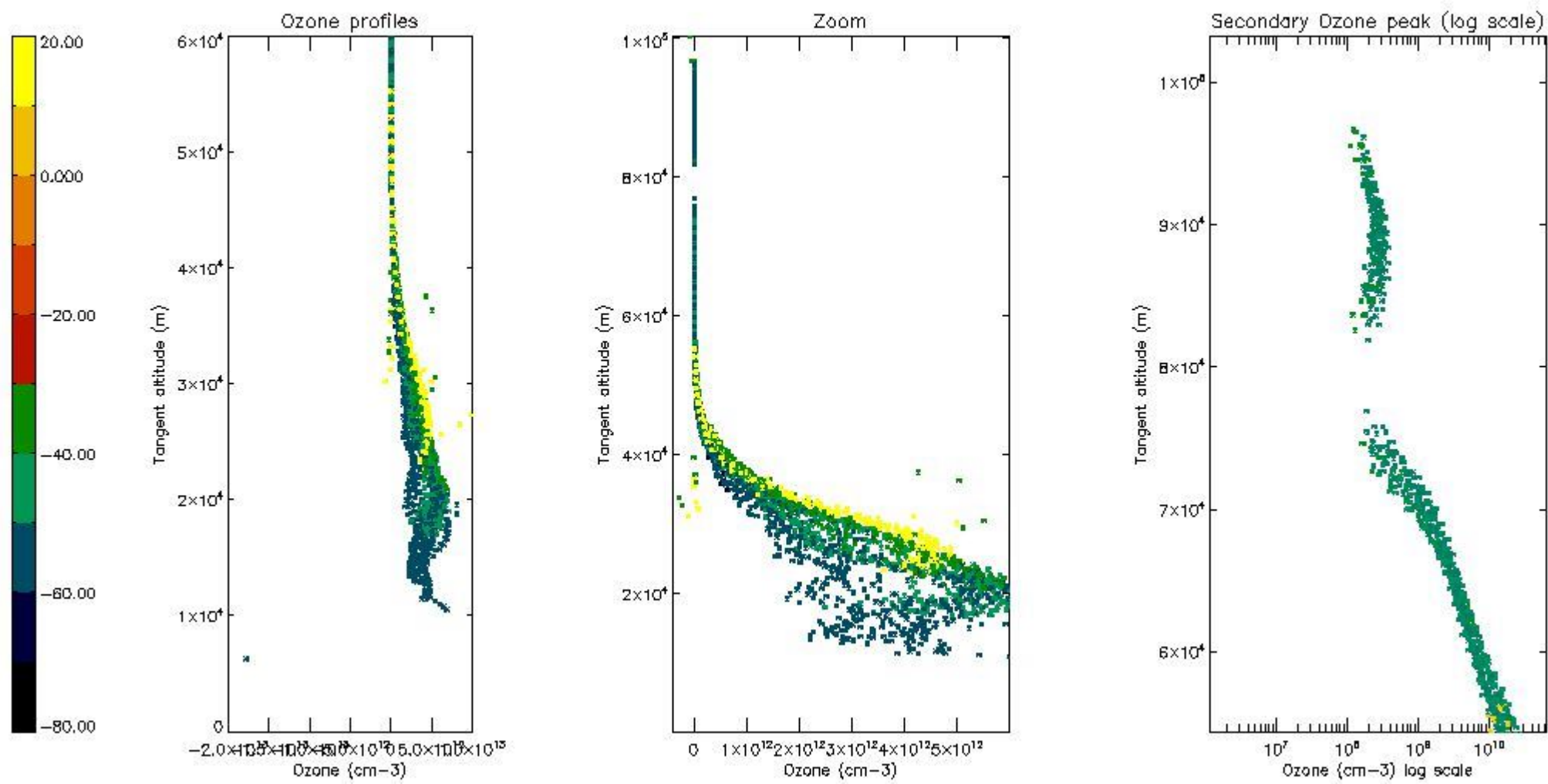
The colorbar represents the latitude.



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

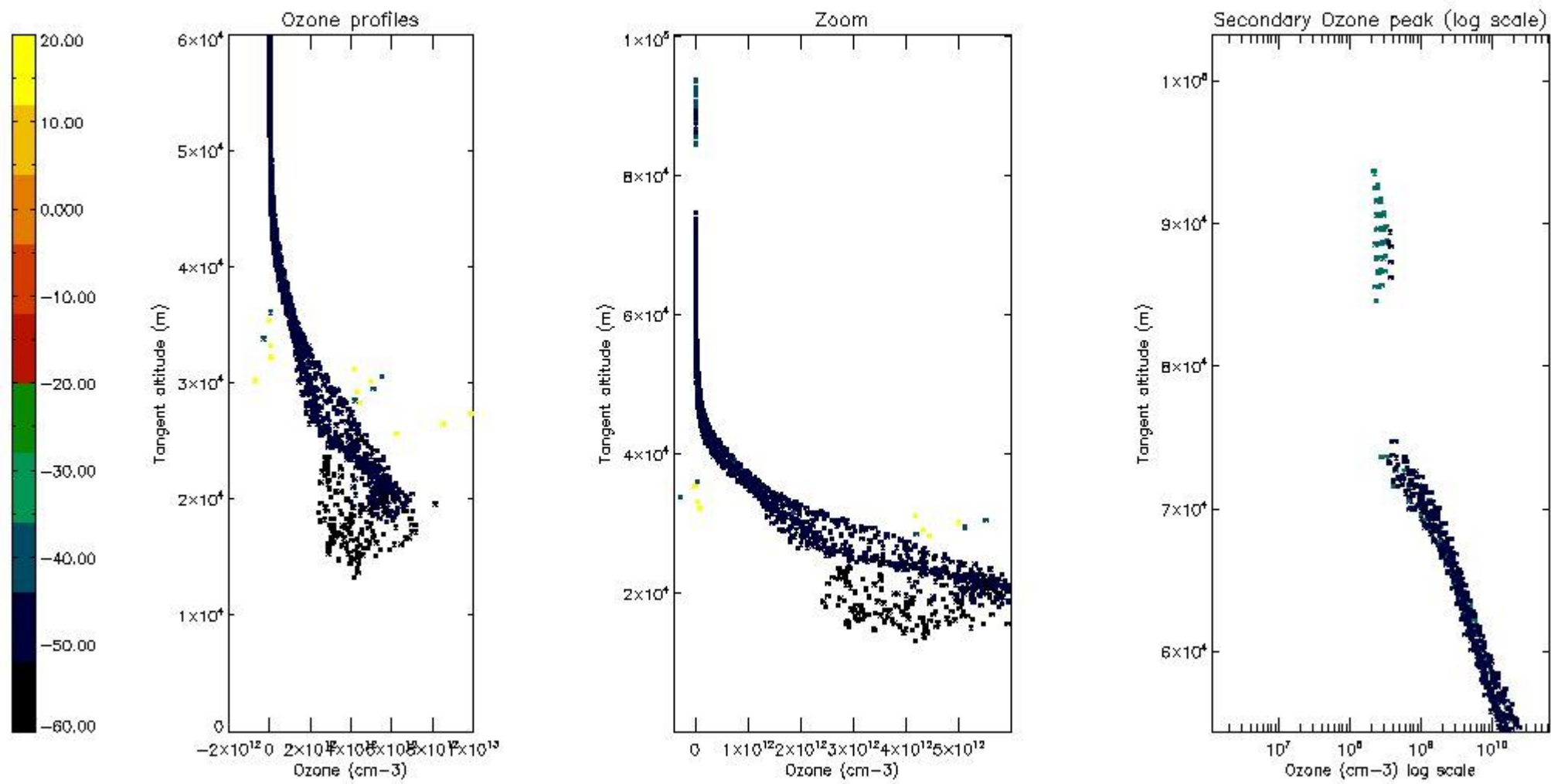
The colorbar represents the latitude.





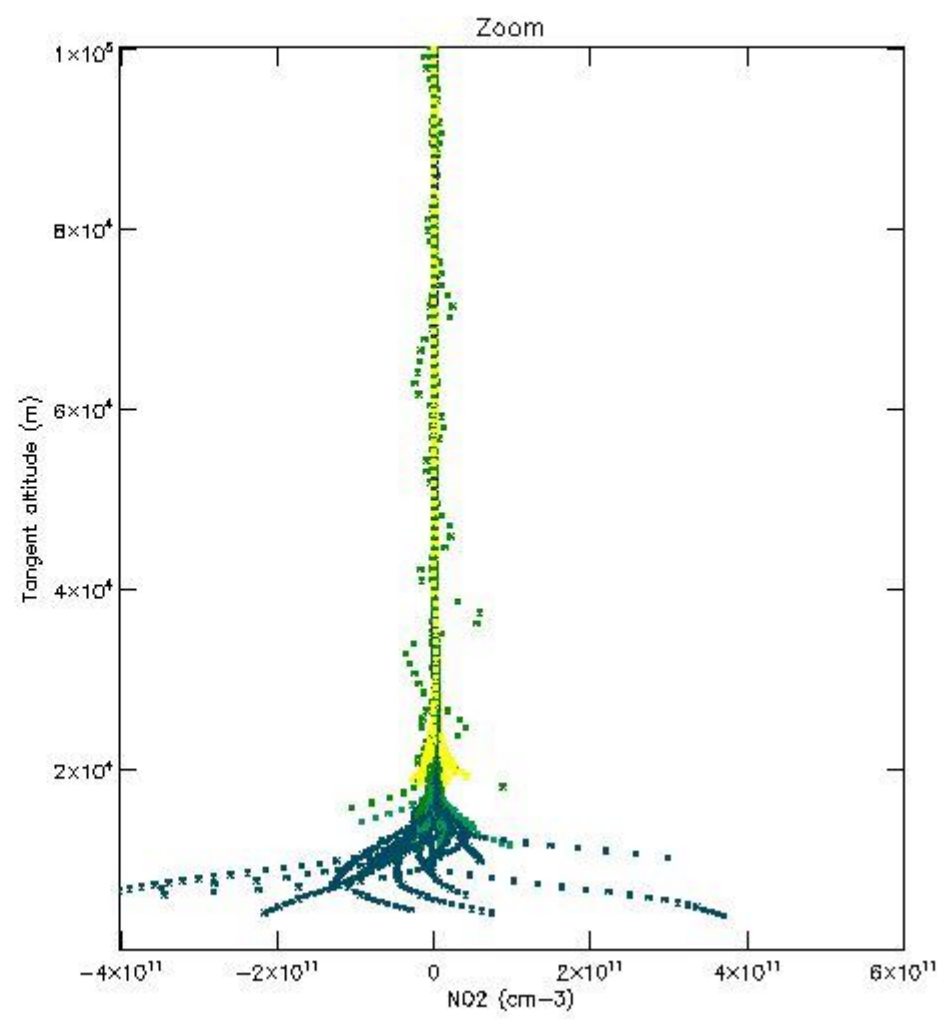
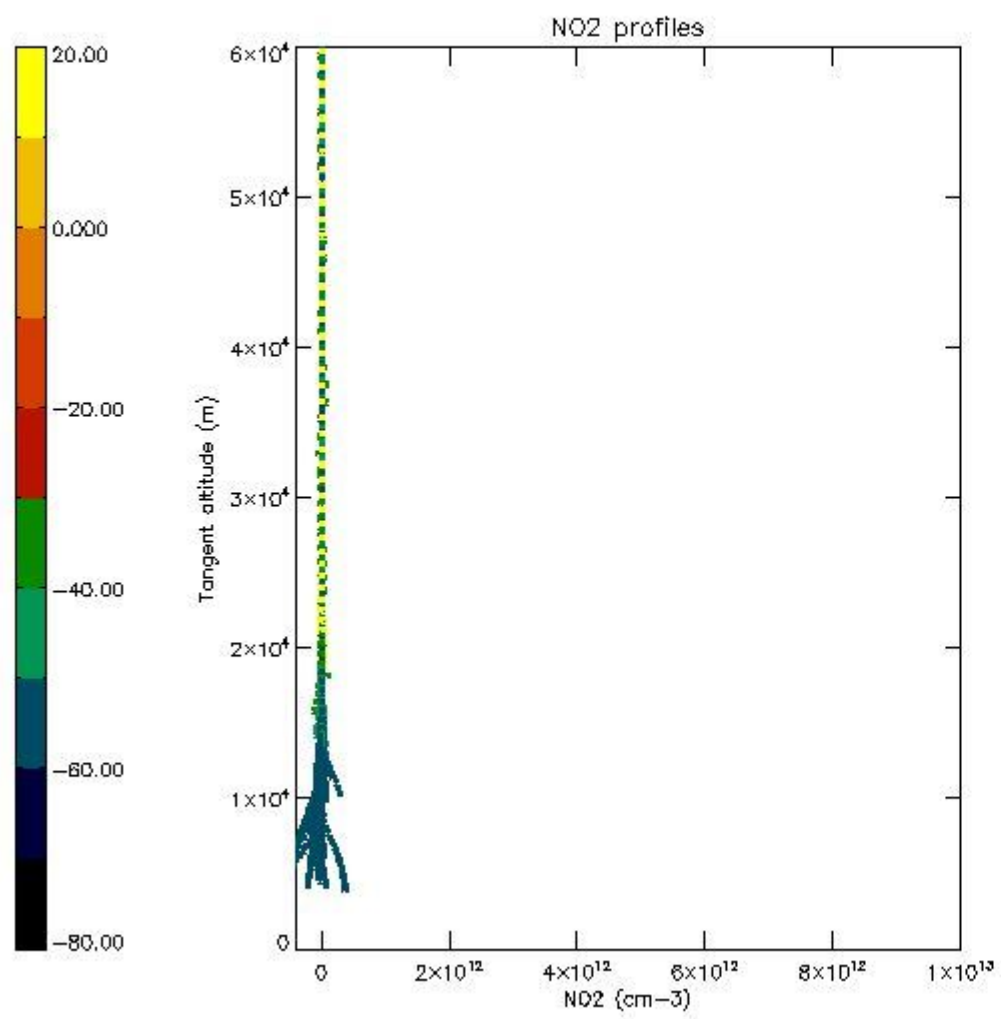
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



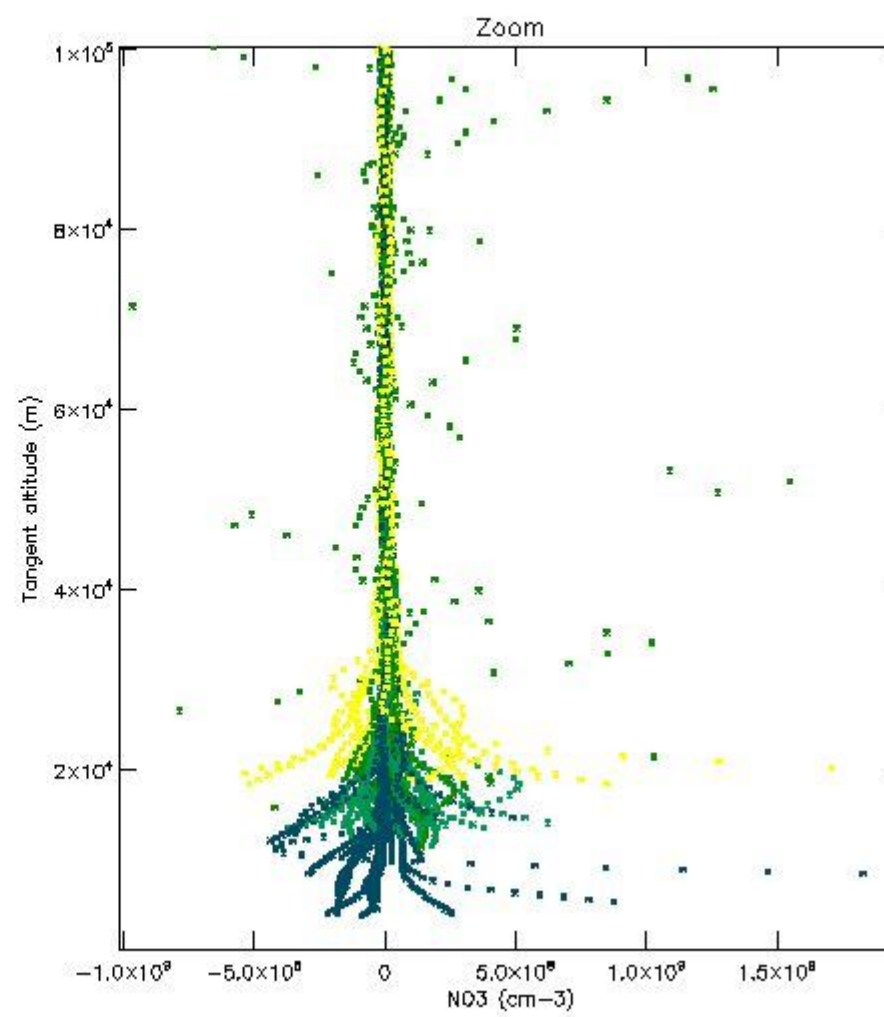
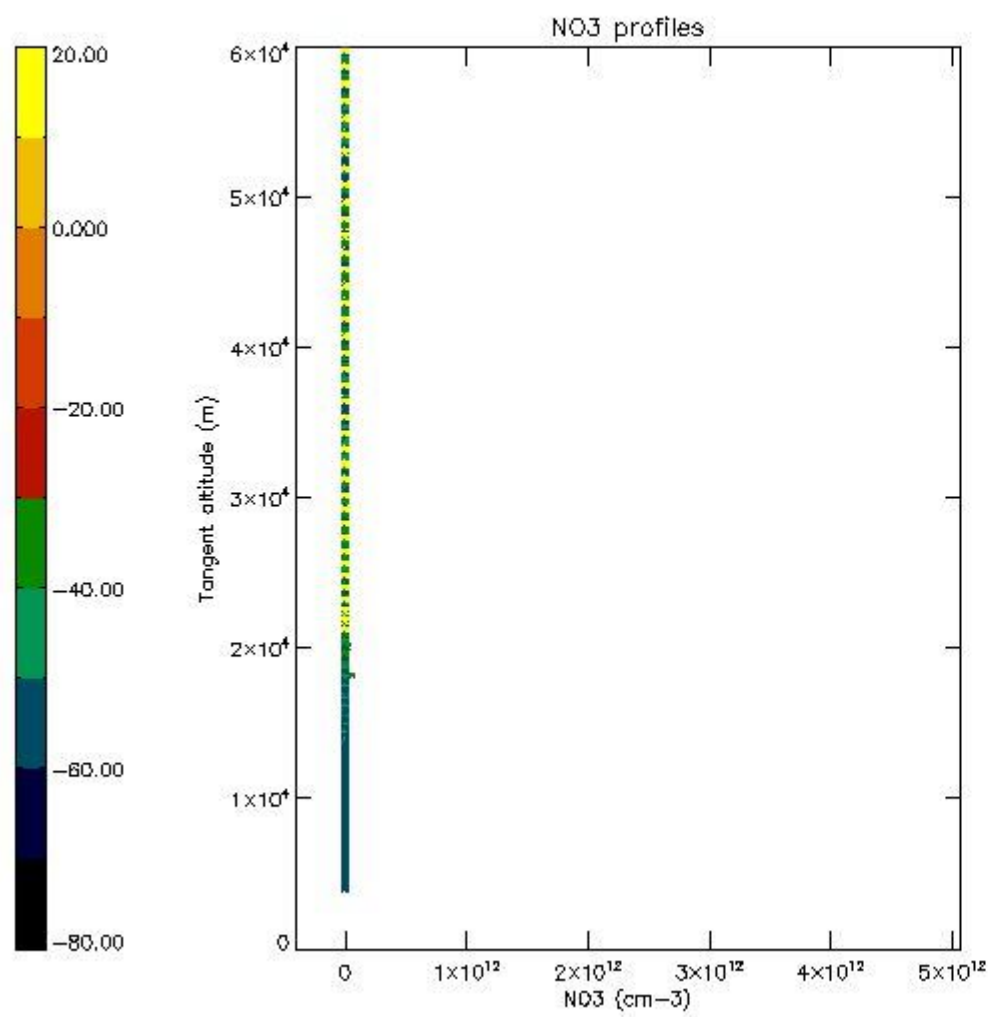
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

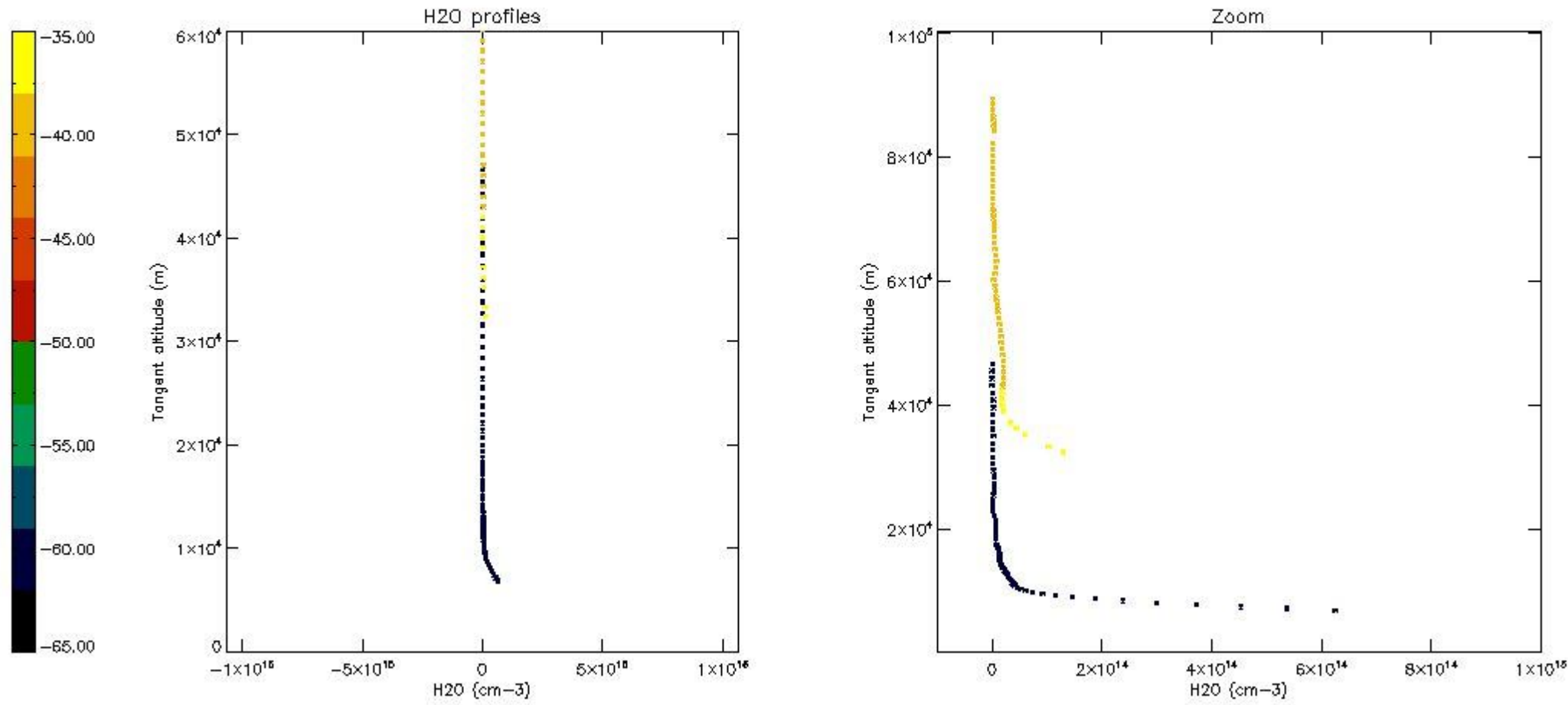
The colorbar represents the latitude.



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

The colorbar represents the latitude.

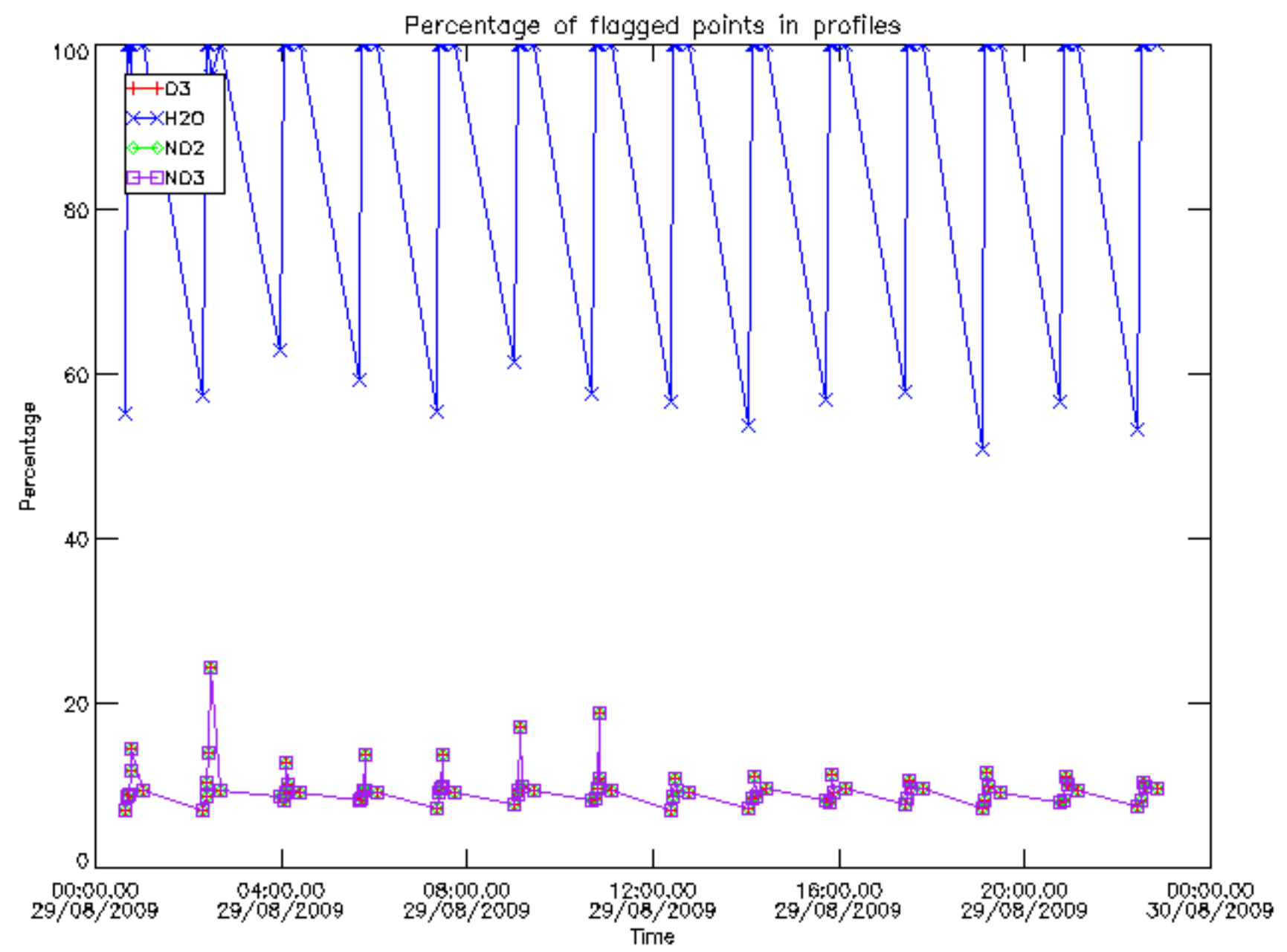




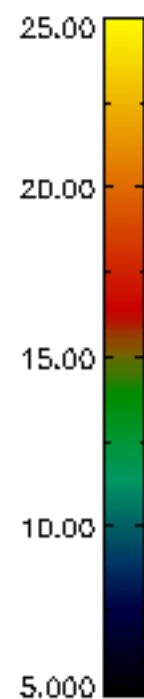
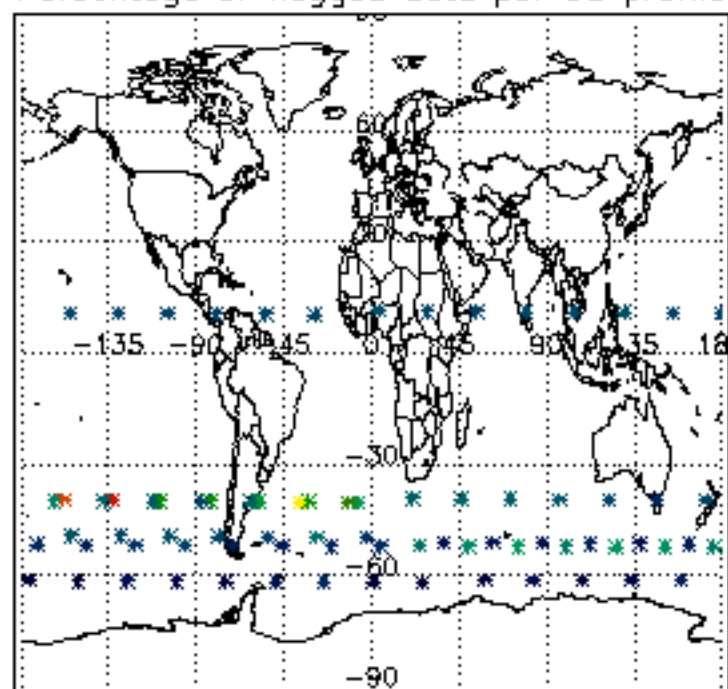
## 6. Auxiliary Data Files used for the production reported in section 2

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

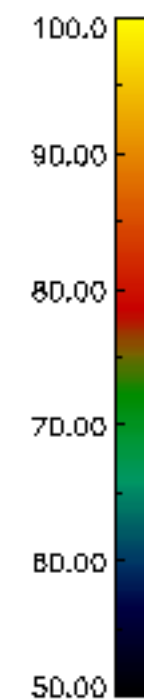
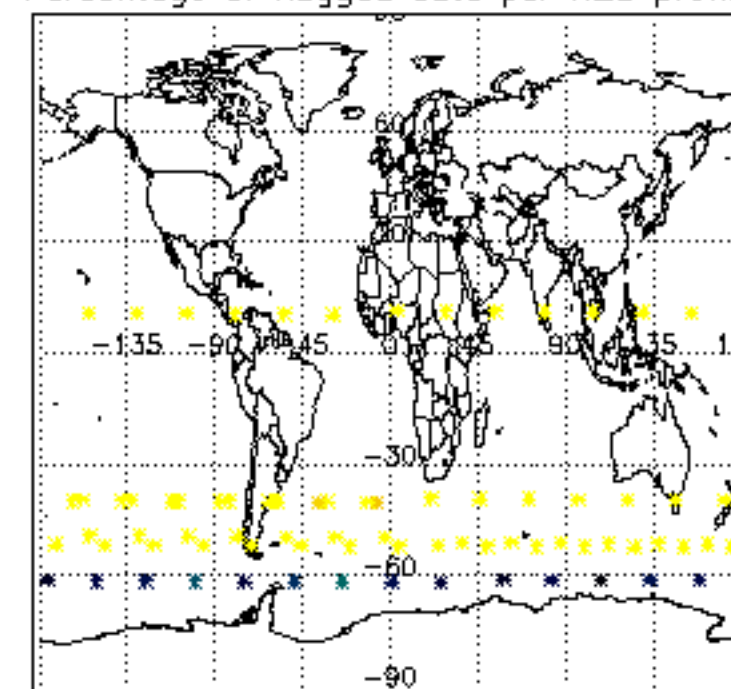
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-AUG-2009 00:07:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-AUG-2009 00:07:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-AUG-2009 00:07:04



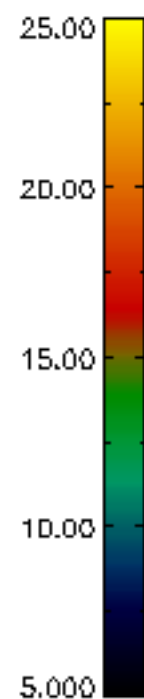
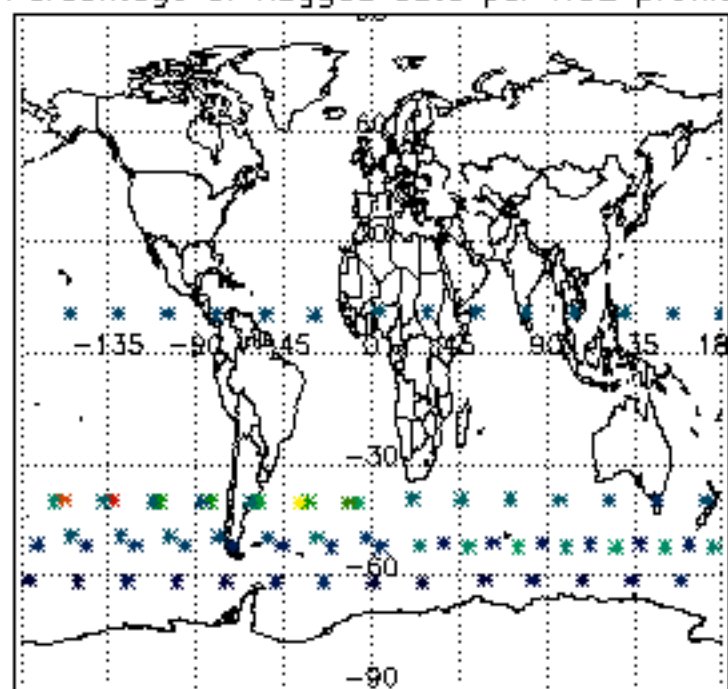
Percentage of flagged data per D3 profile



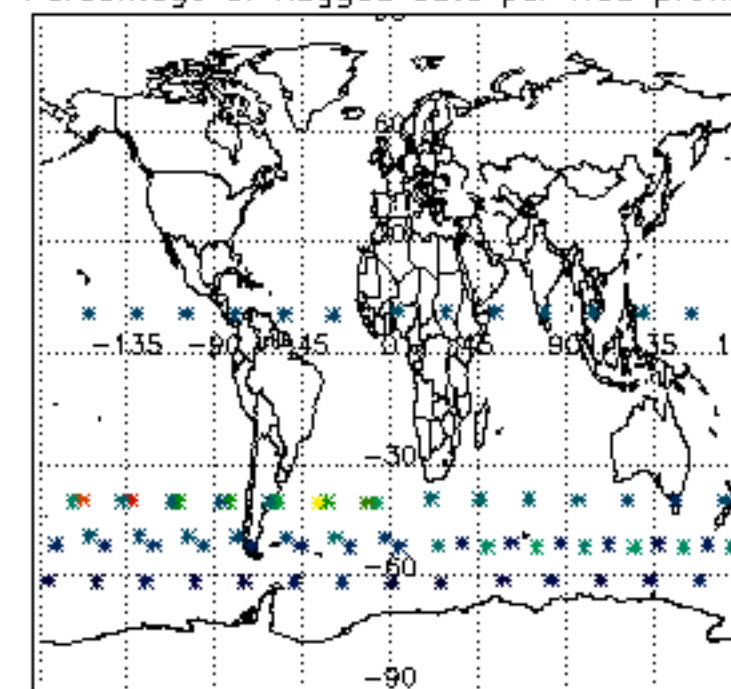
Percentage of flagged data per H2O profile



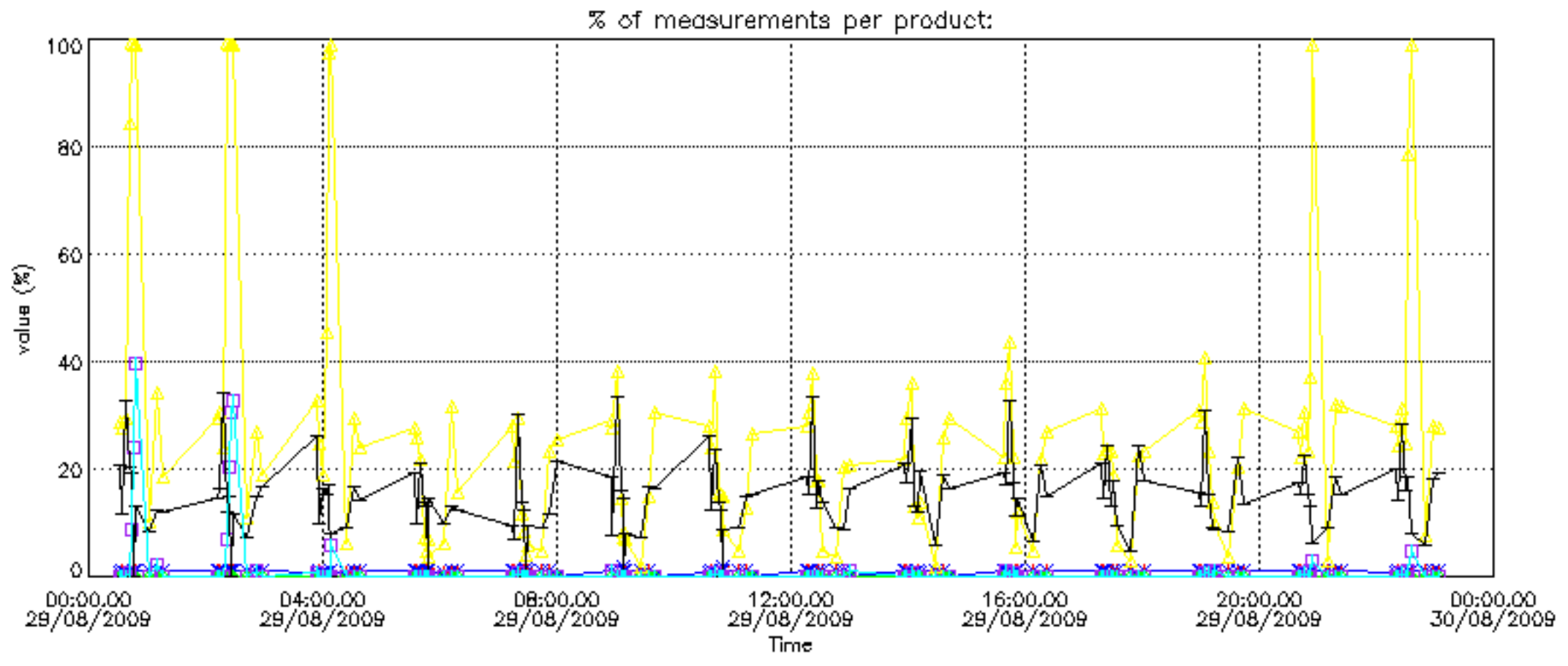
Percentage of flagged data per NO2 profile

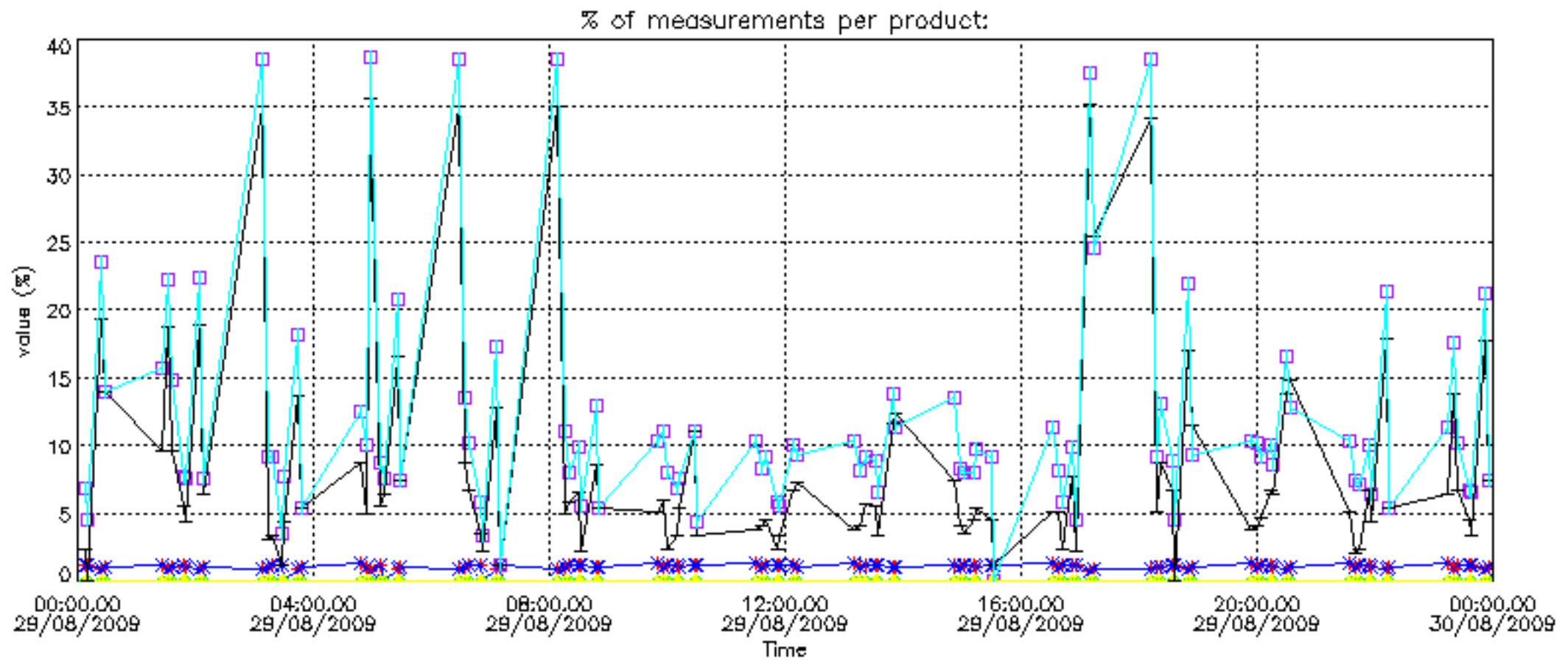


Percentage of flagged data per NO3 profile

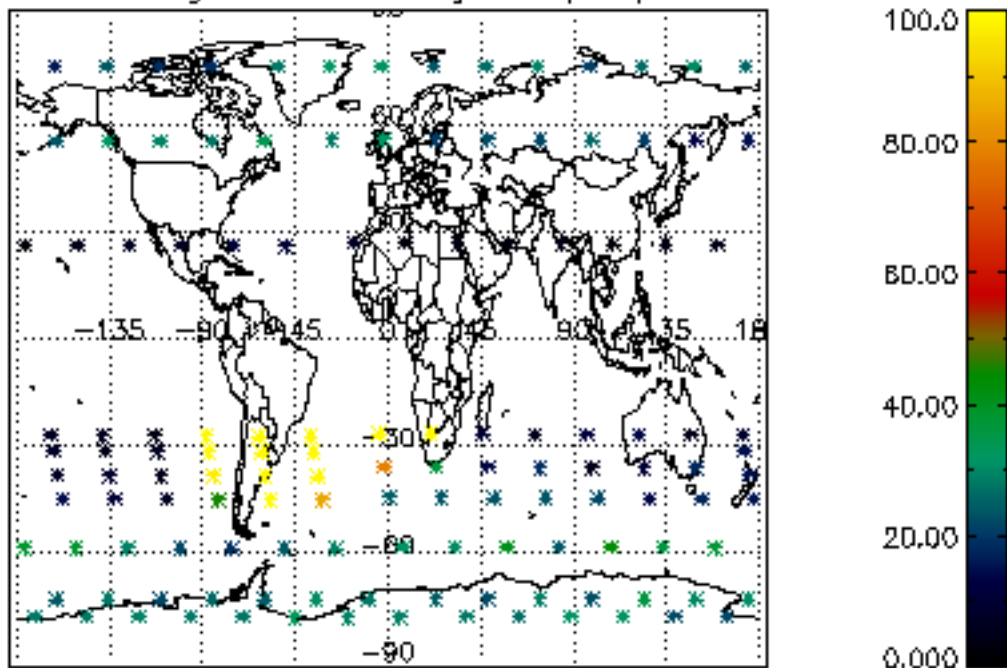




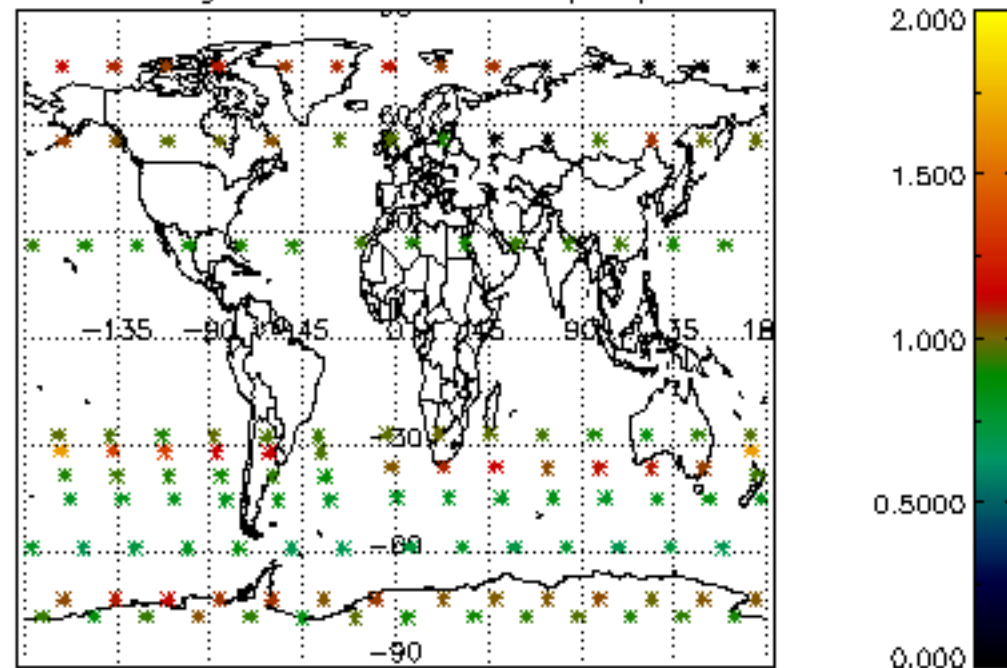




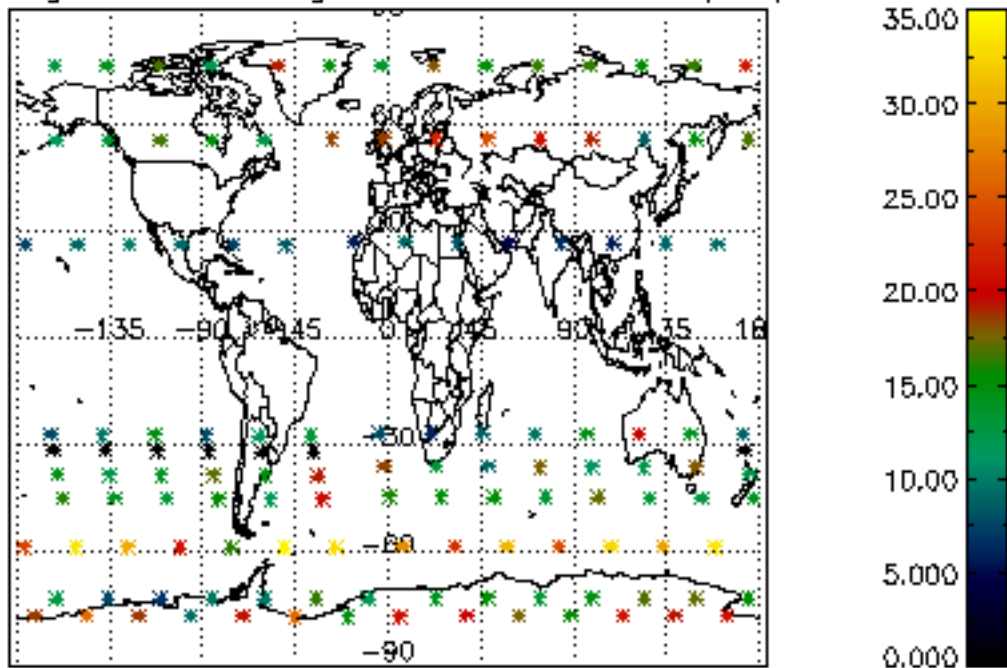
Percentage of cosmic ray hits per profile



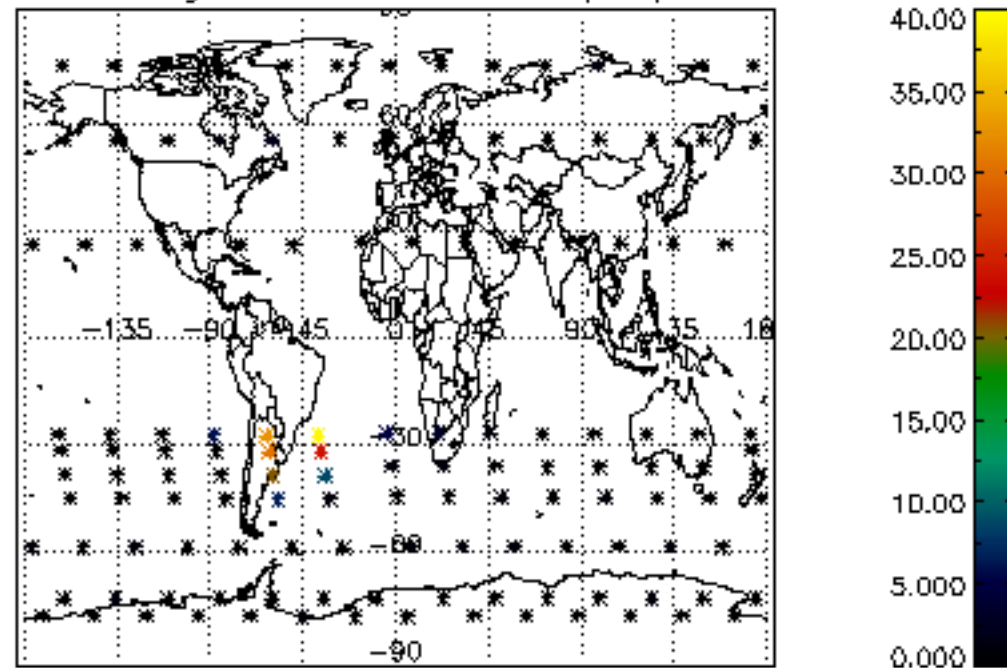
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

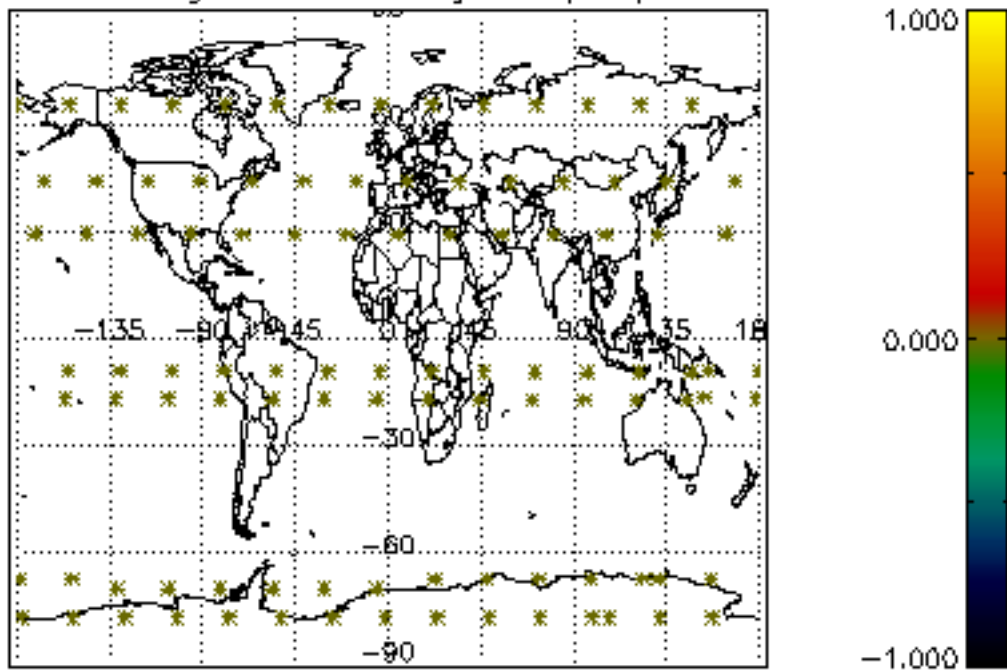


Percentage of saturation errors per profile

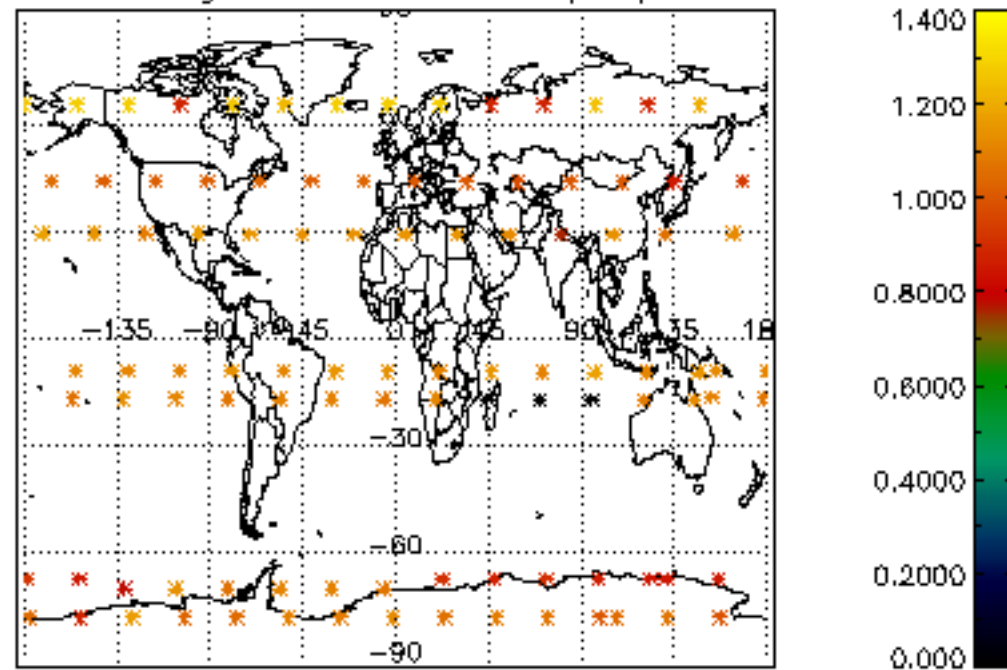




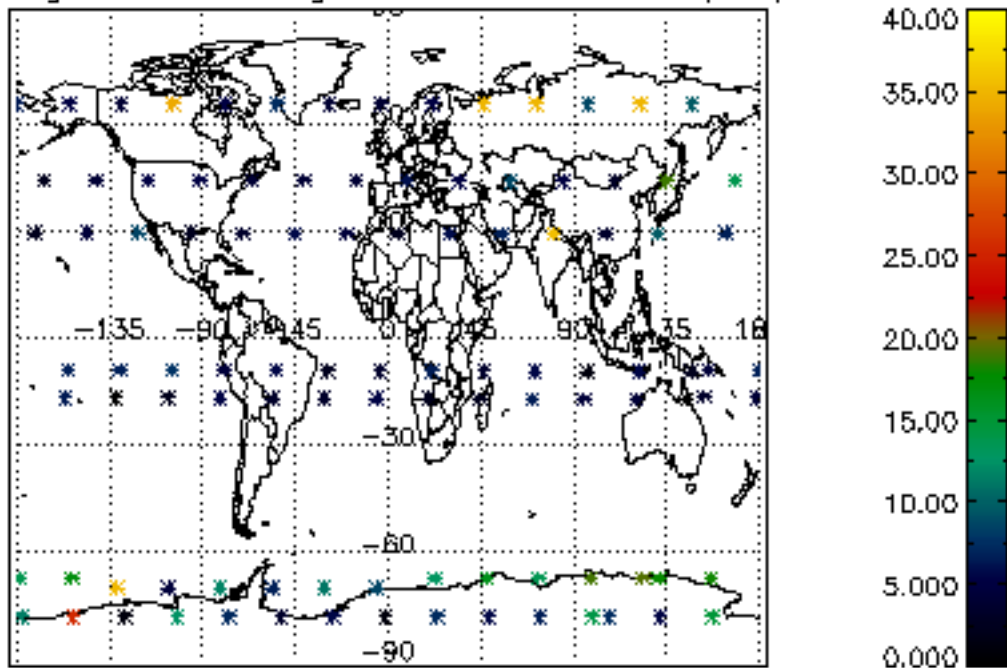
Percentage of cosmic ray hits per profile



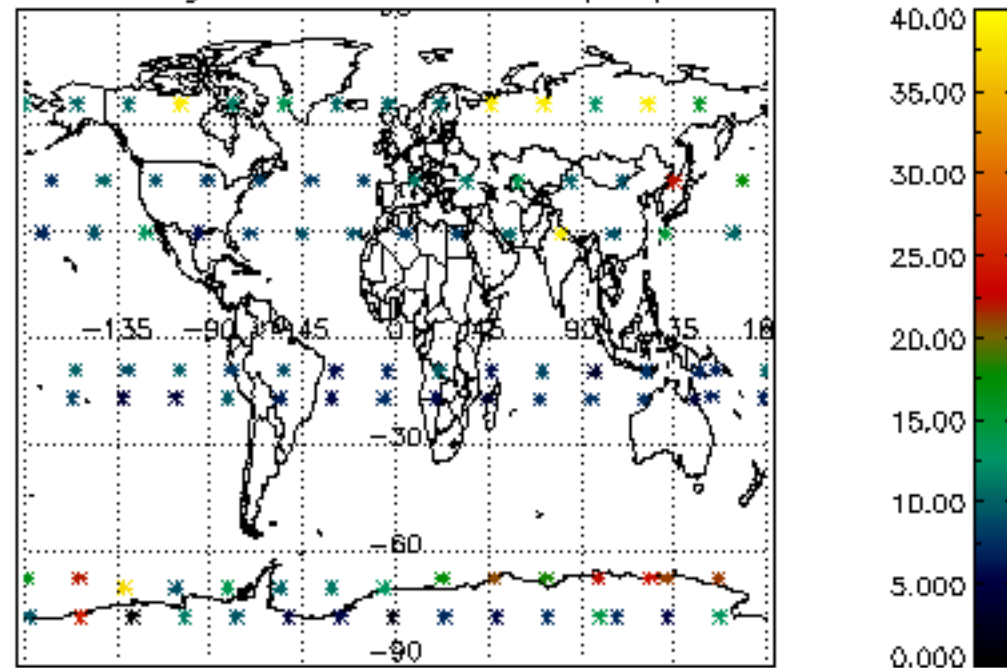
Percentage of datation errors per profile

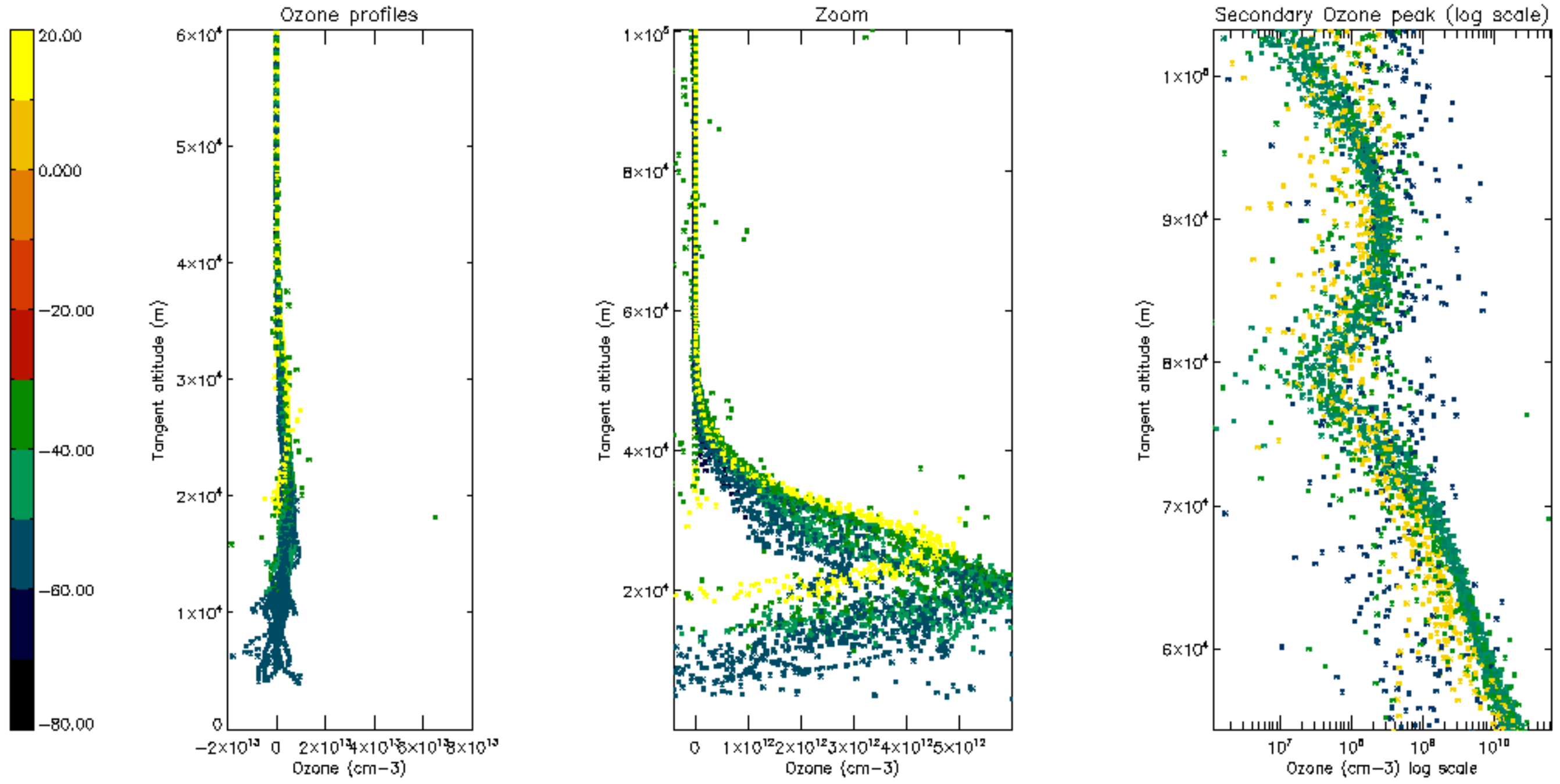


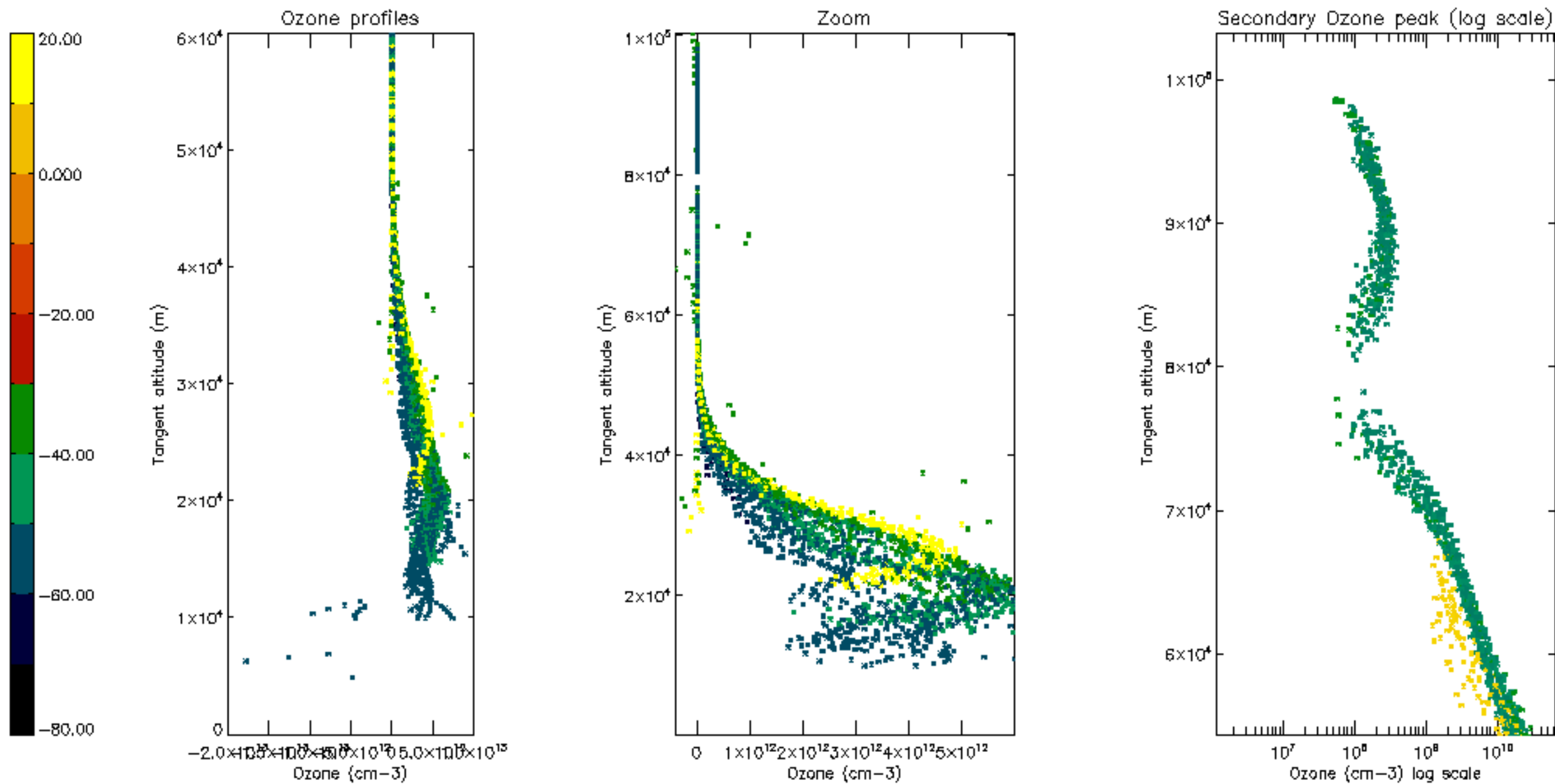
Percentage of star falling outside central band per profile



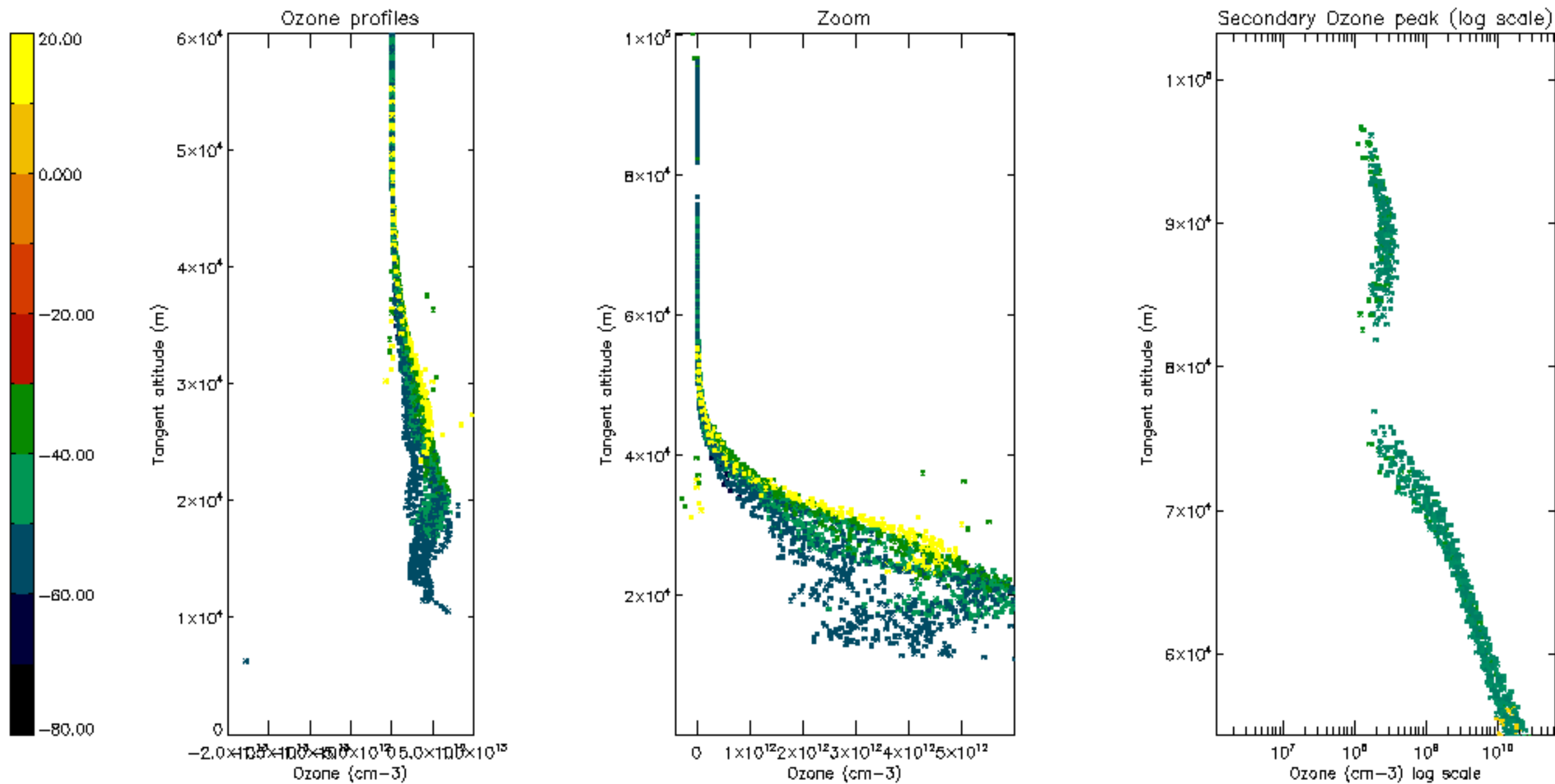
Percentage of saturation errors per profile

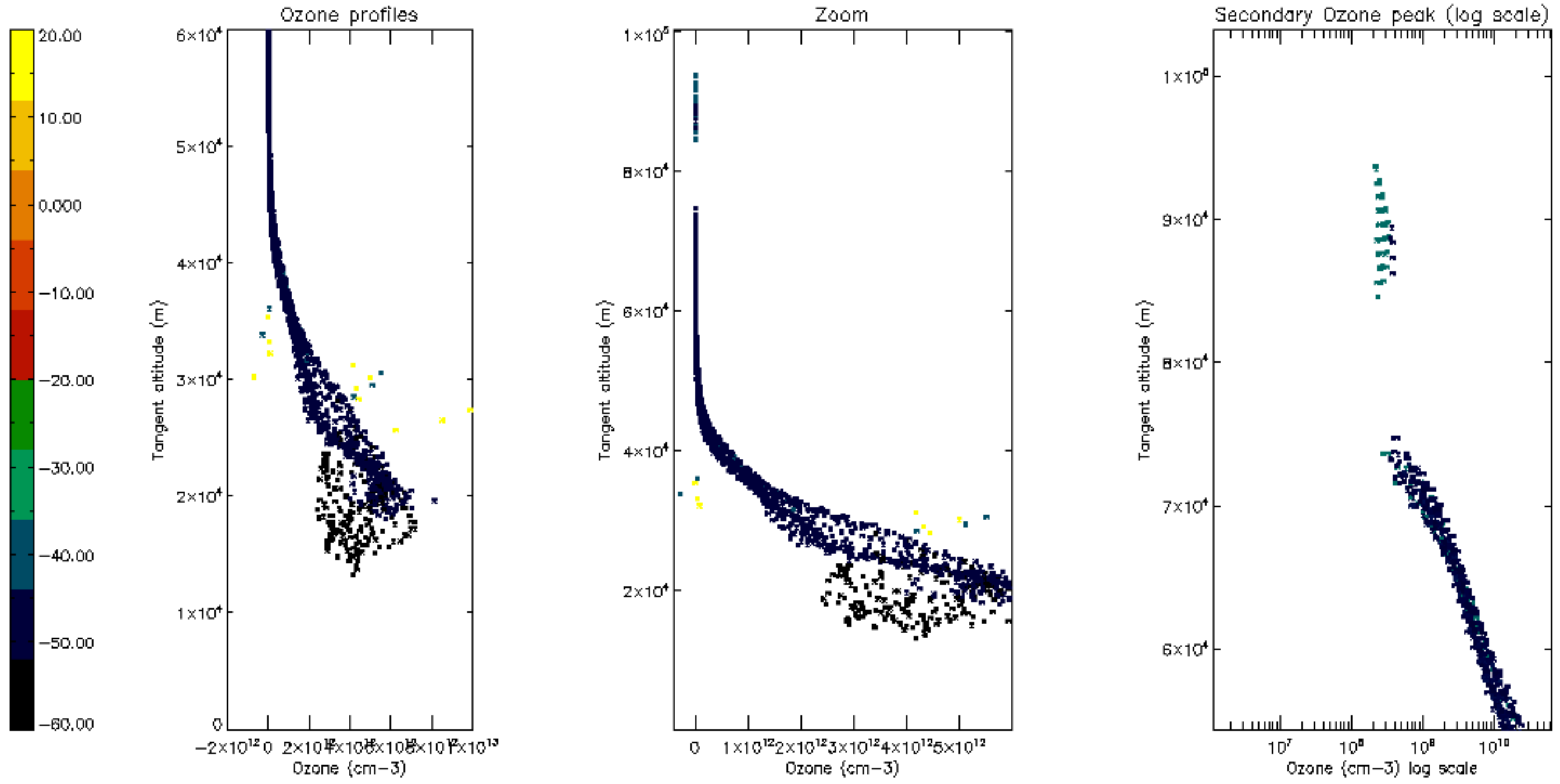


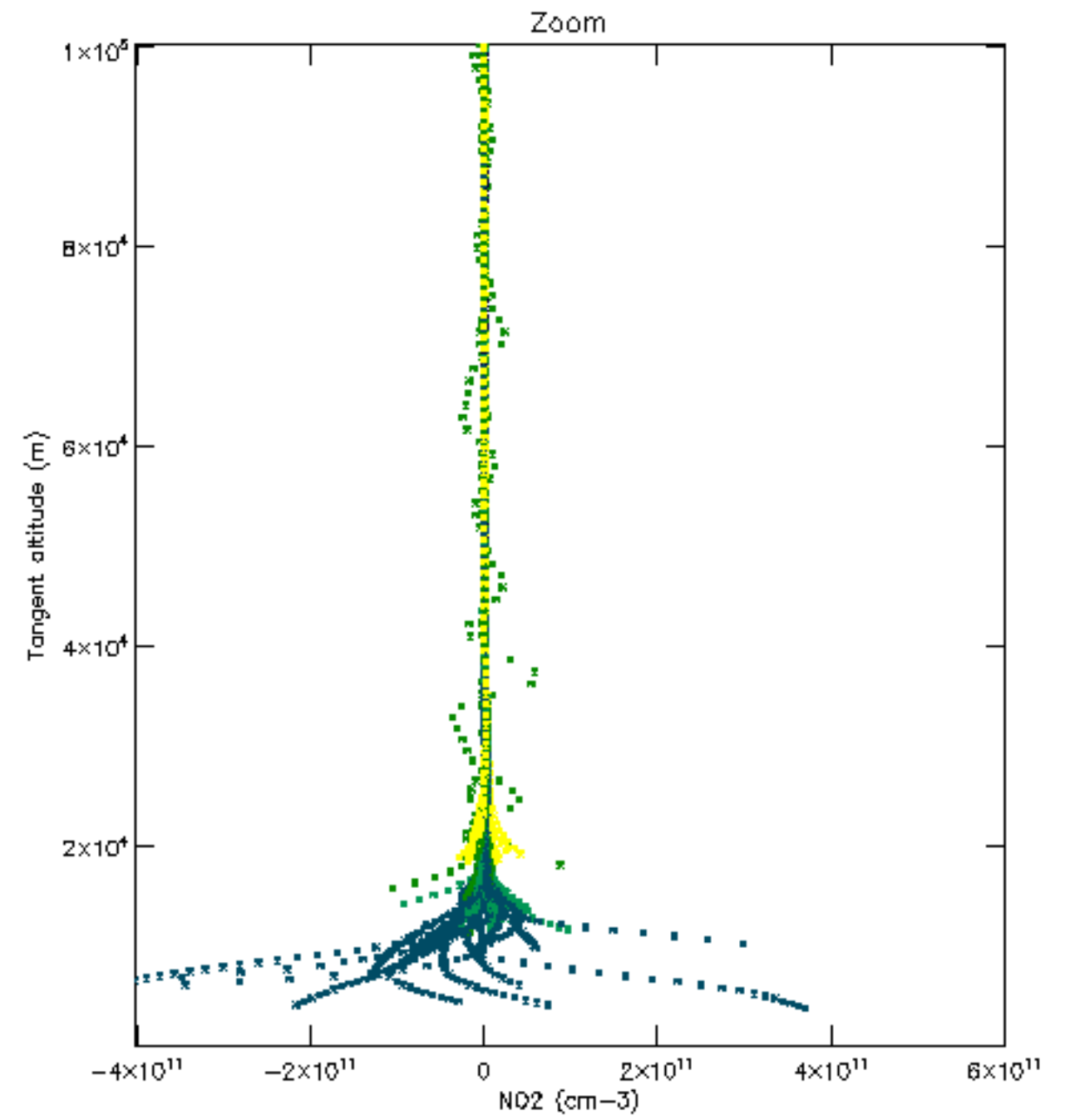
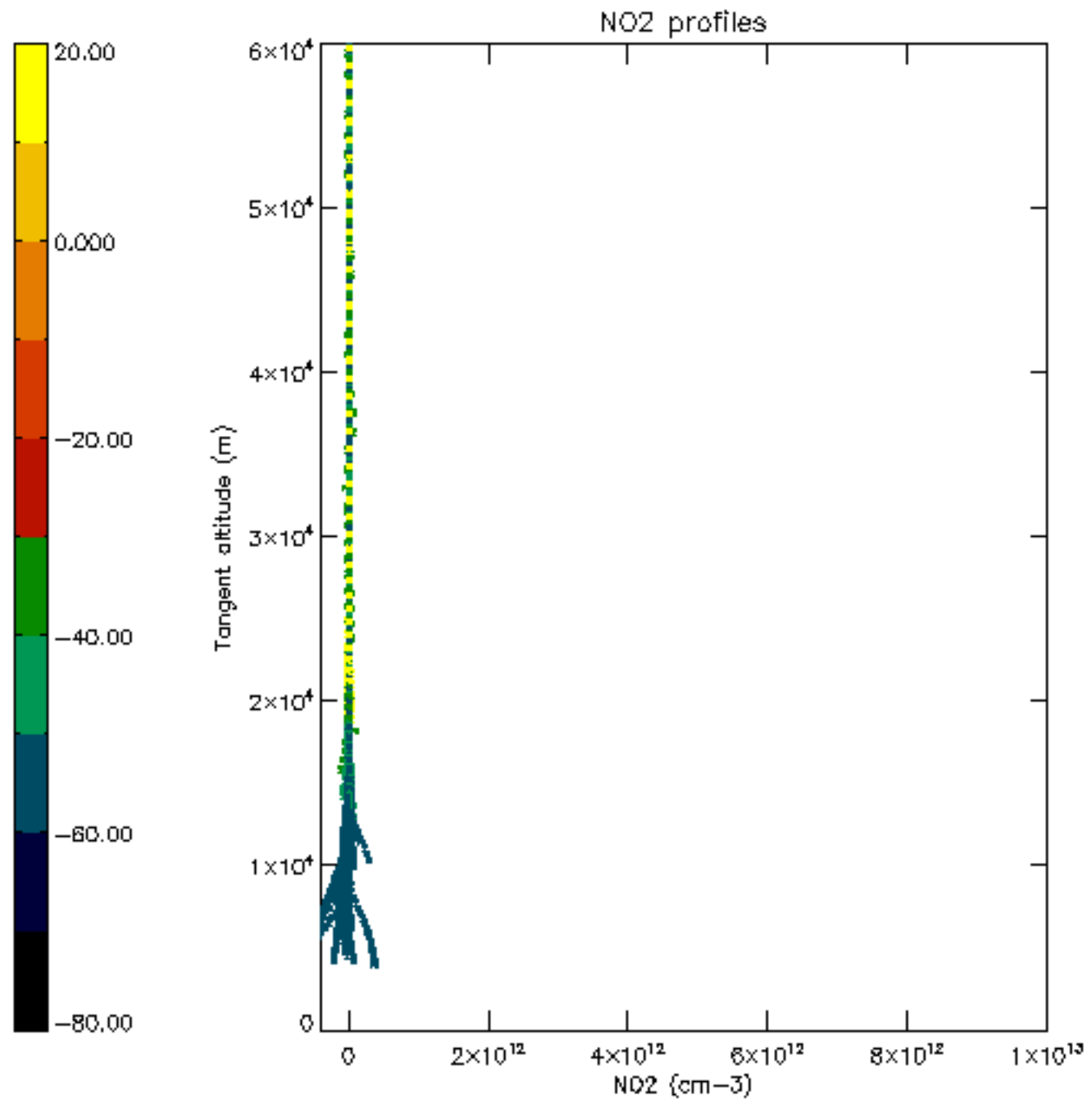




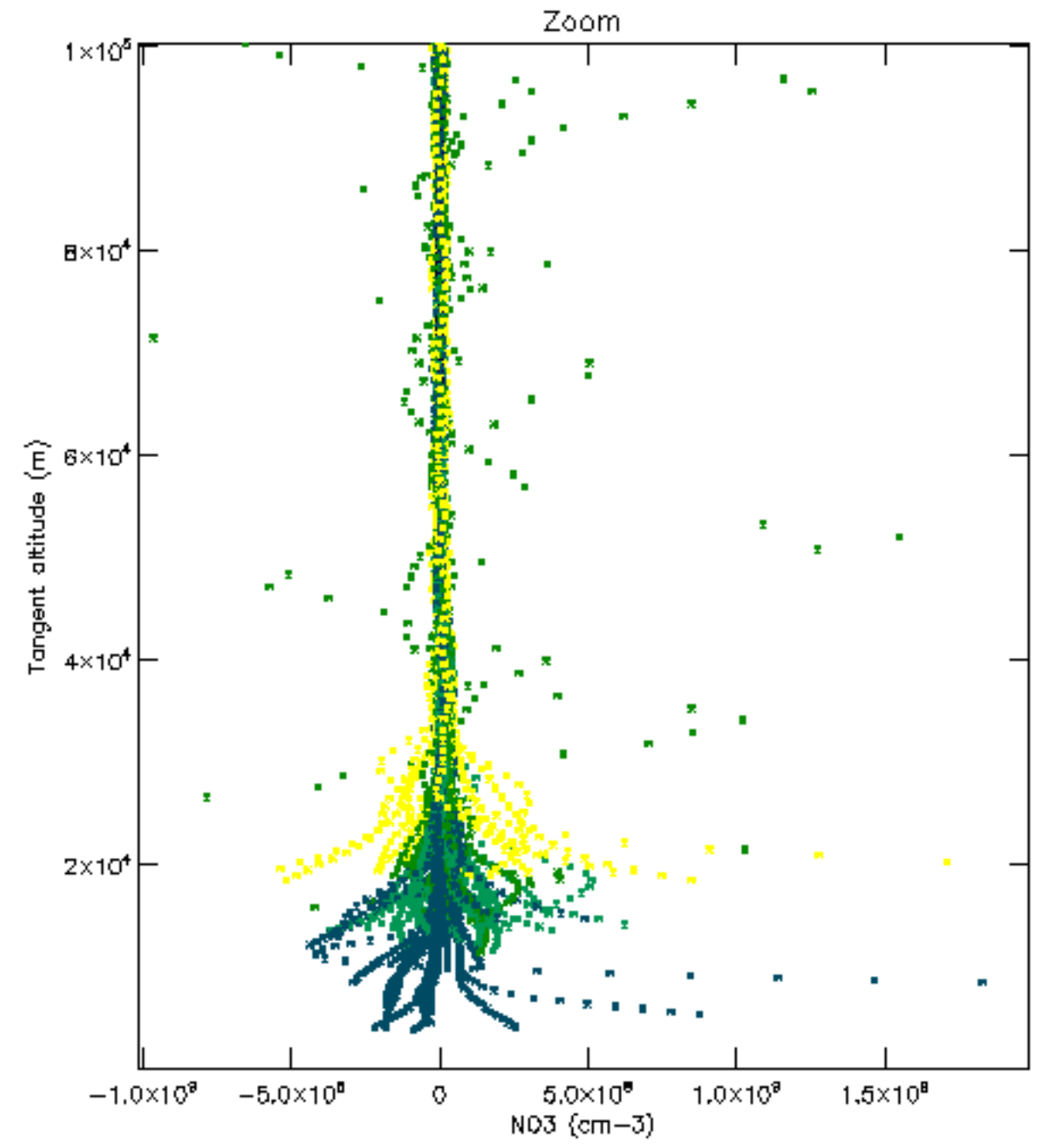
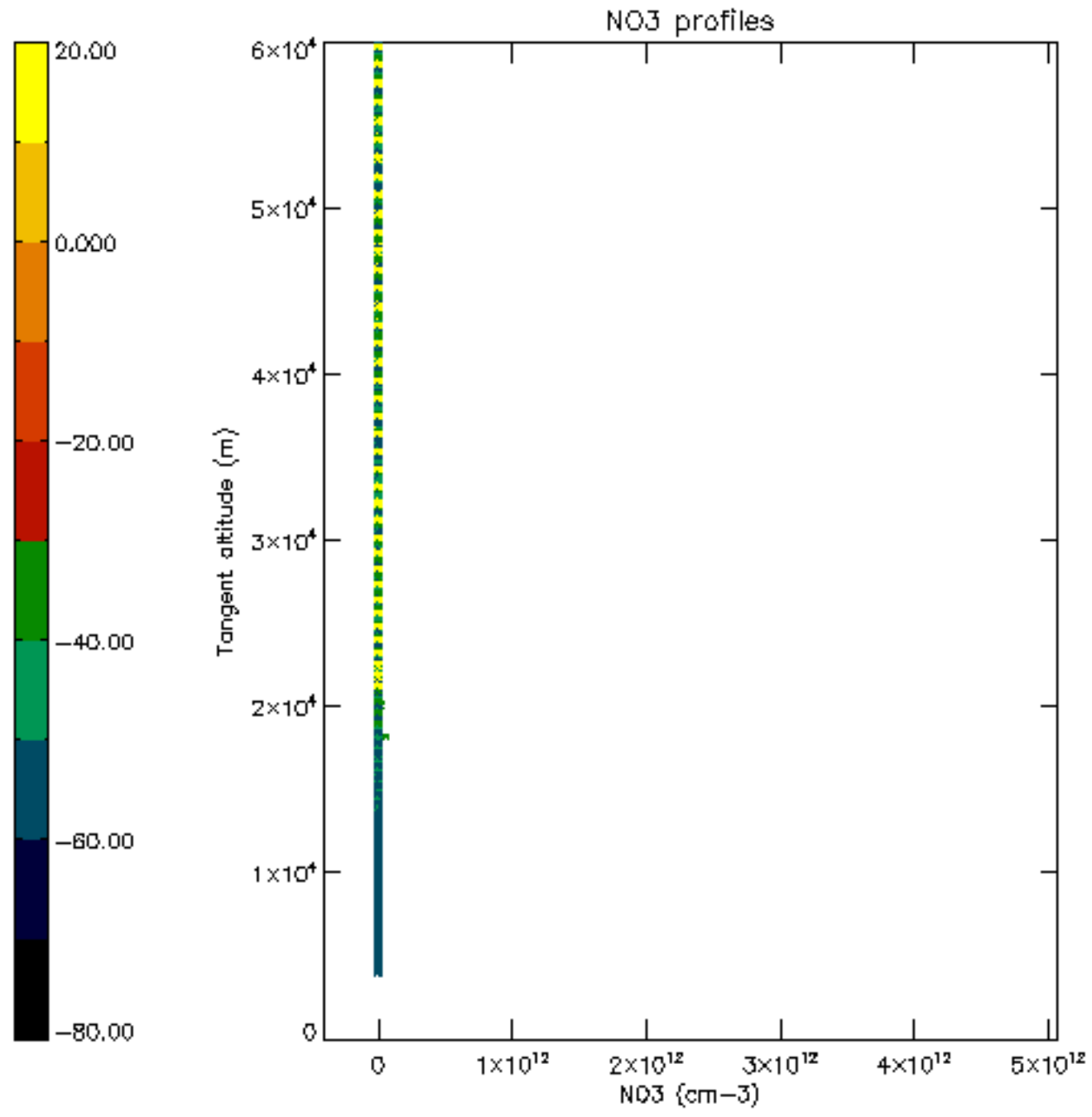


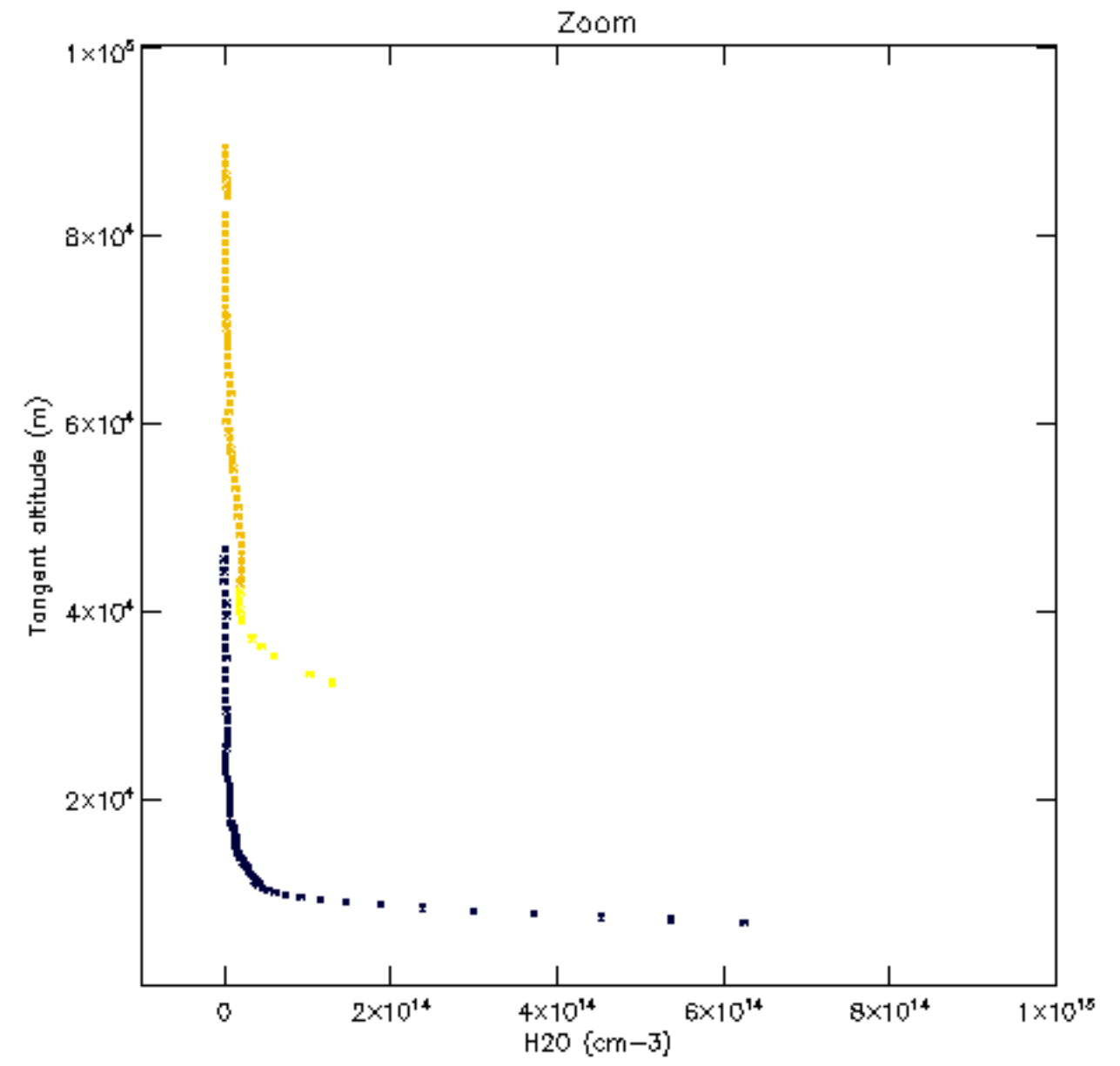
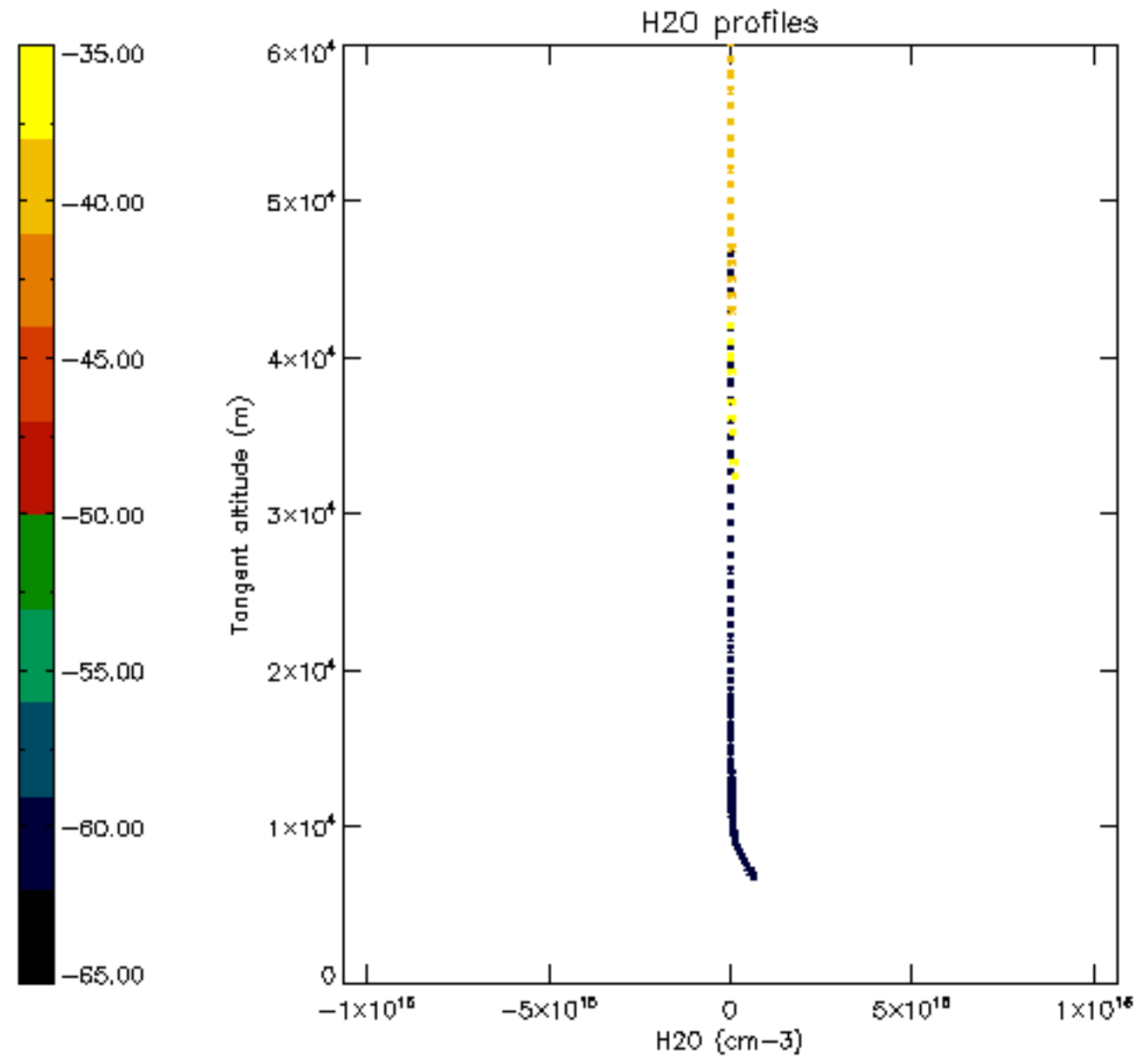


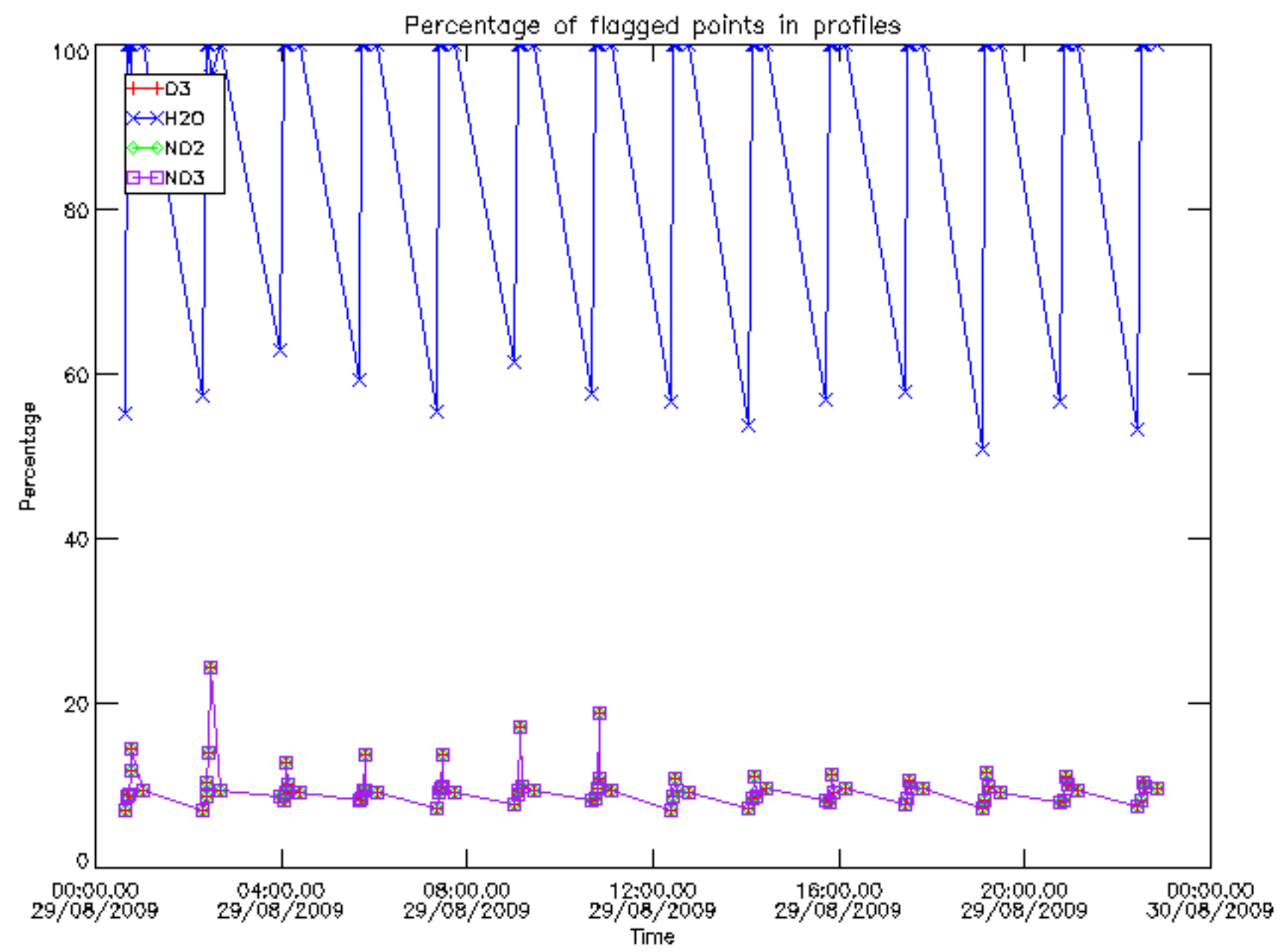




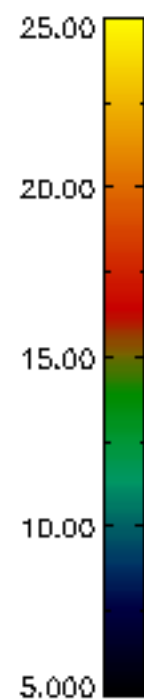
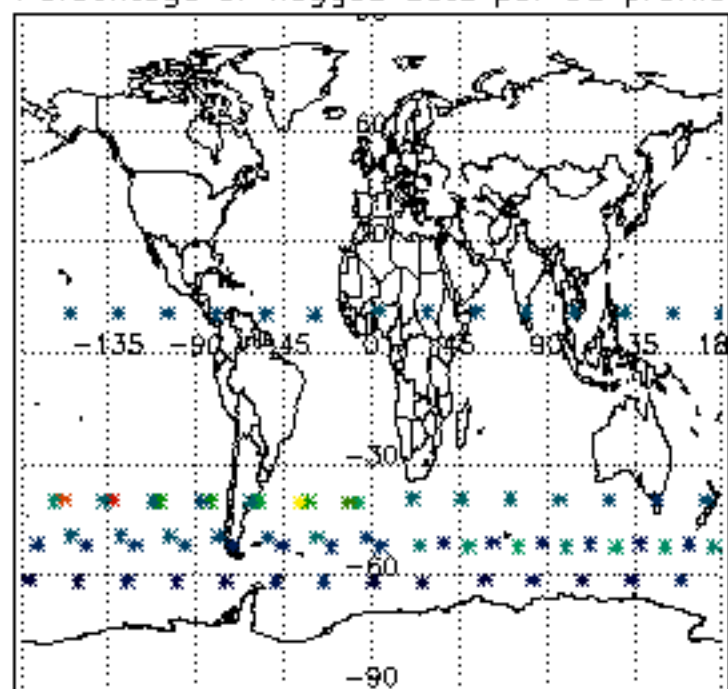




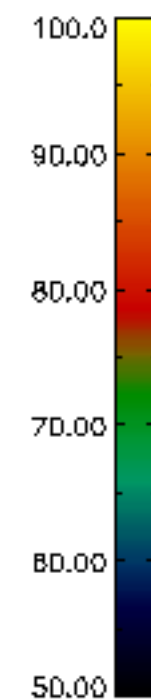
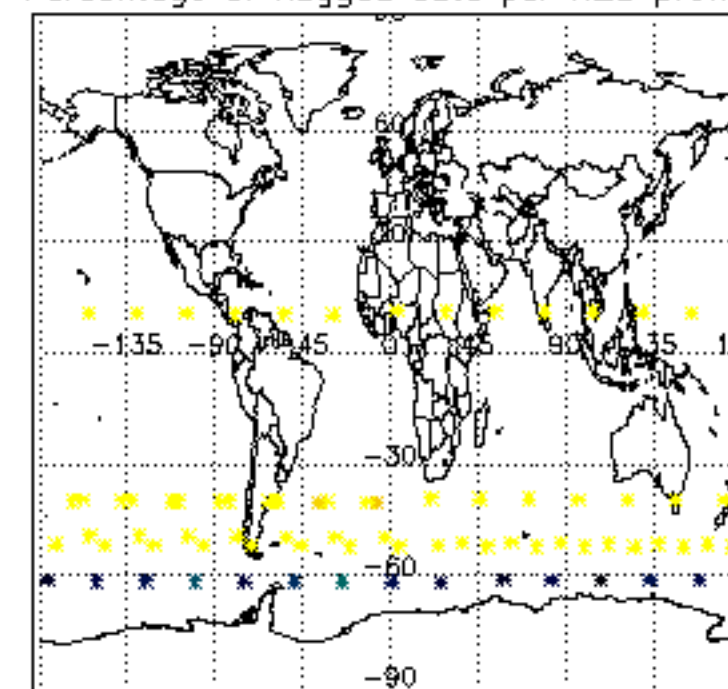




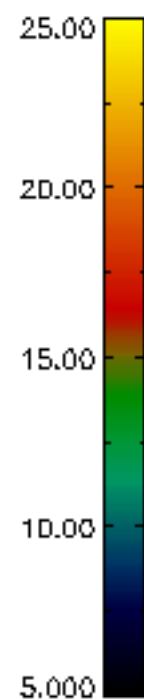
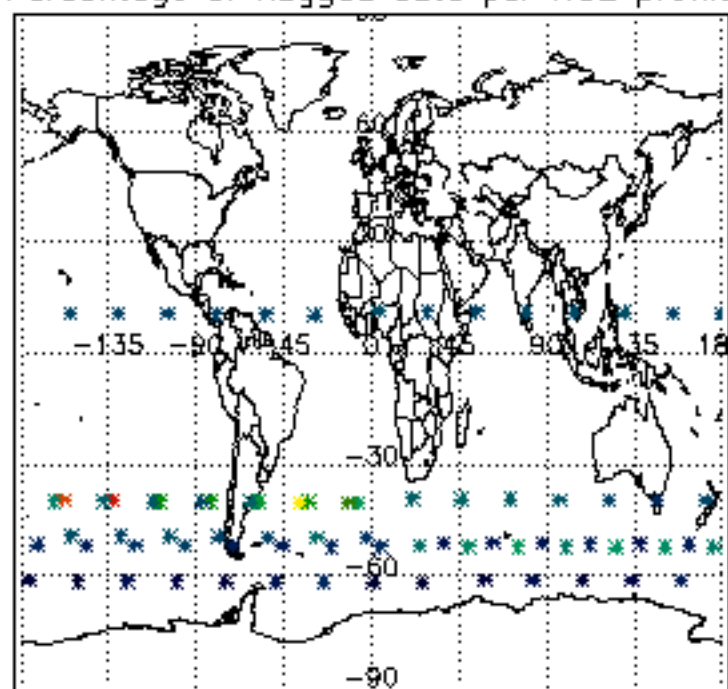
Percentage of flagged data per D3 profile



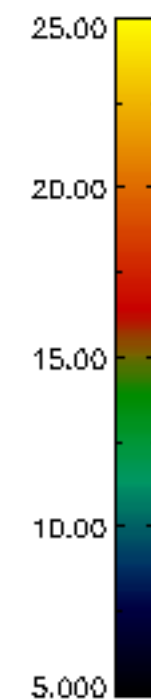
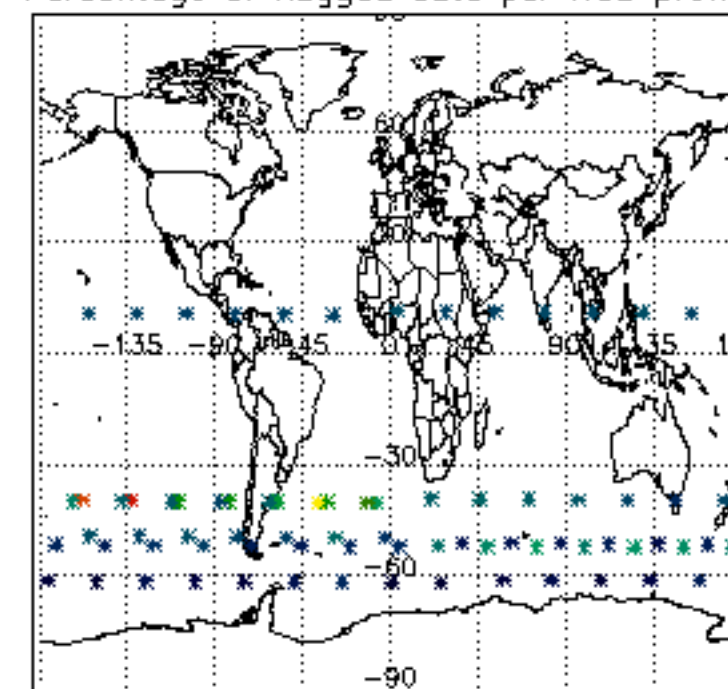
Percentage of flagged data per H2O profile



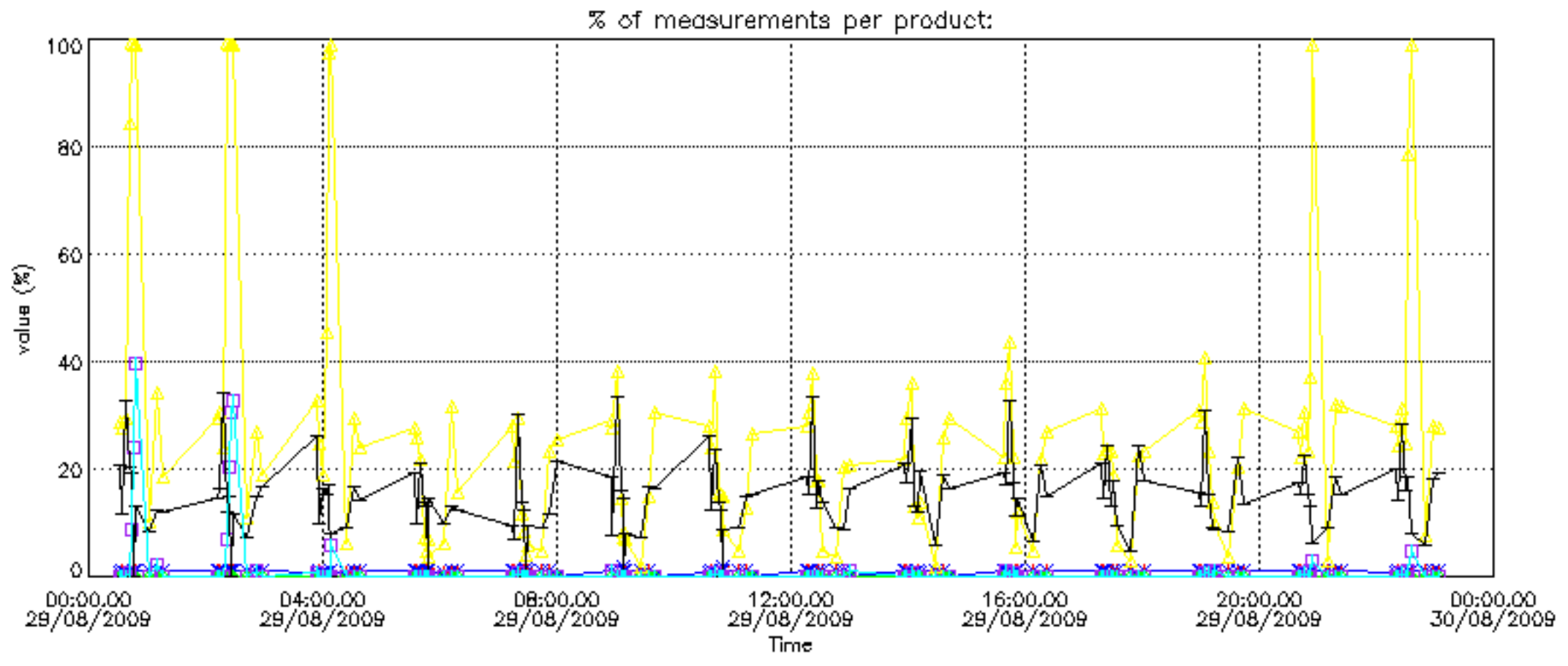
Percentage of flagged data per NO2 profile

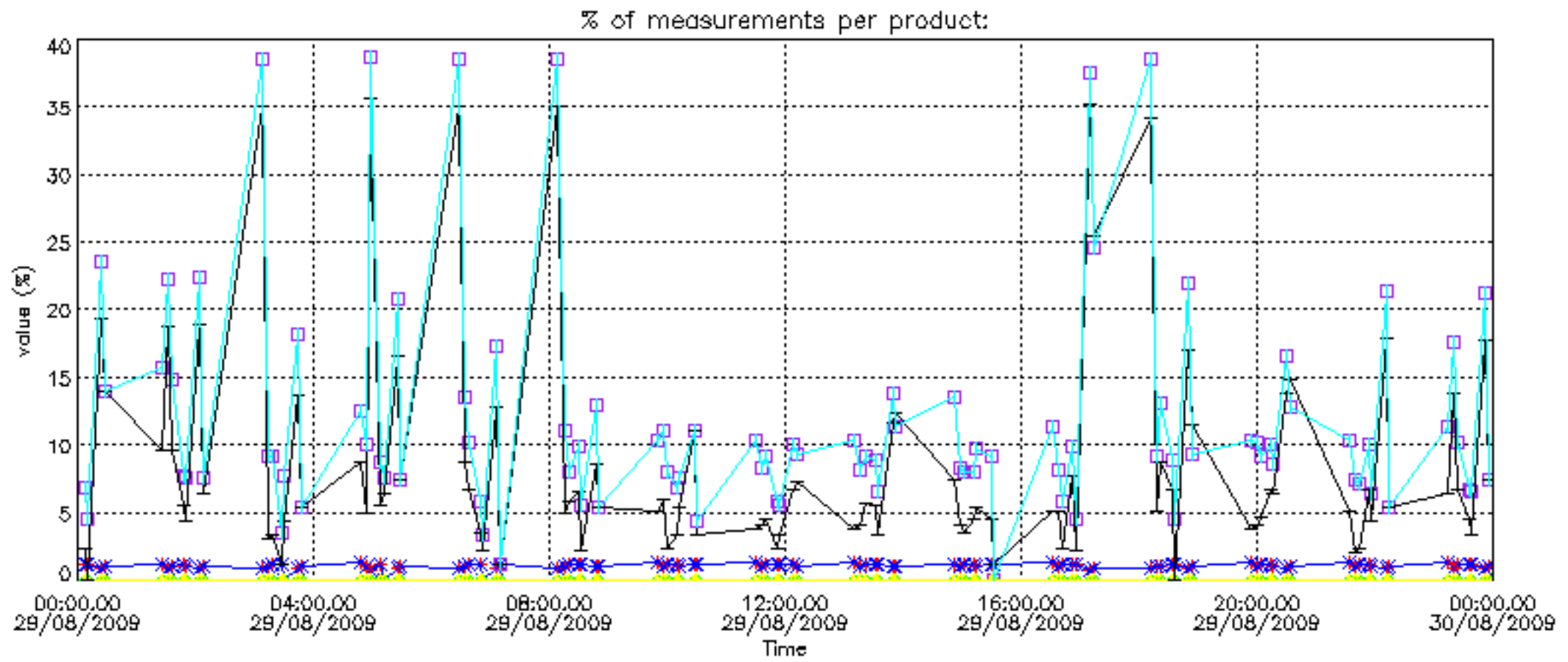


Percentage of flagged data per NO3 profile

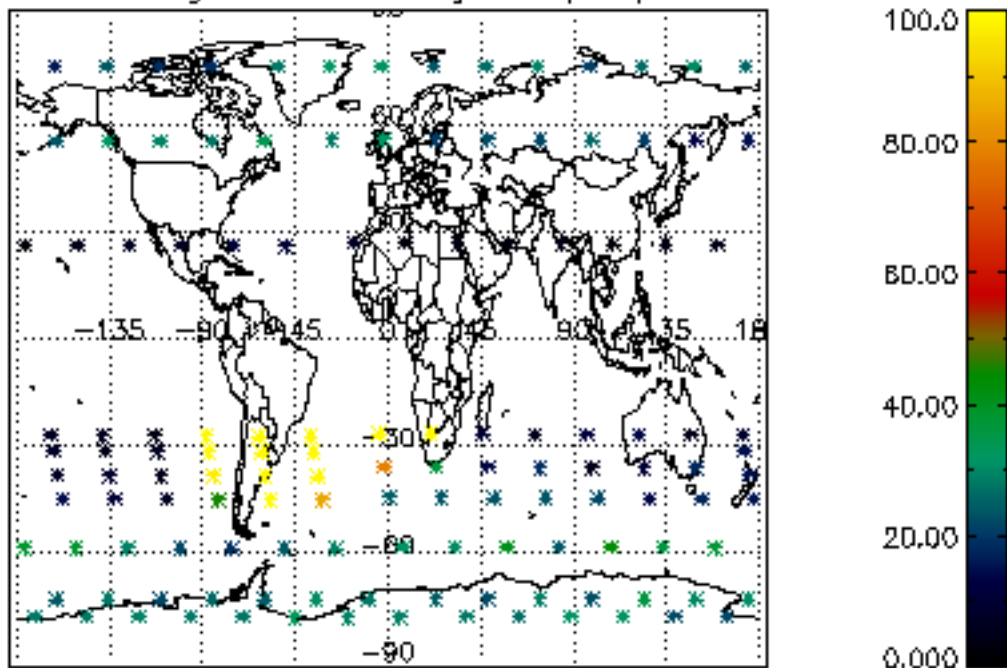




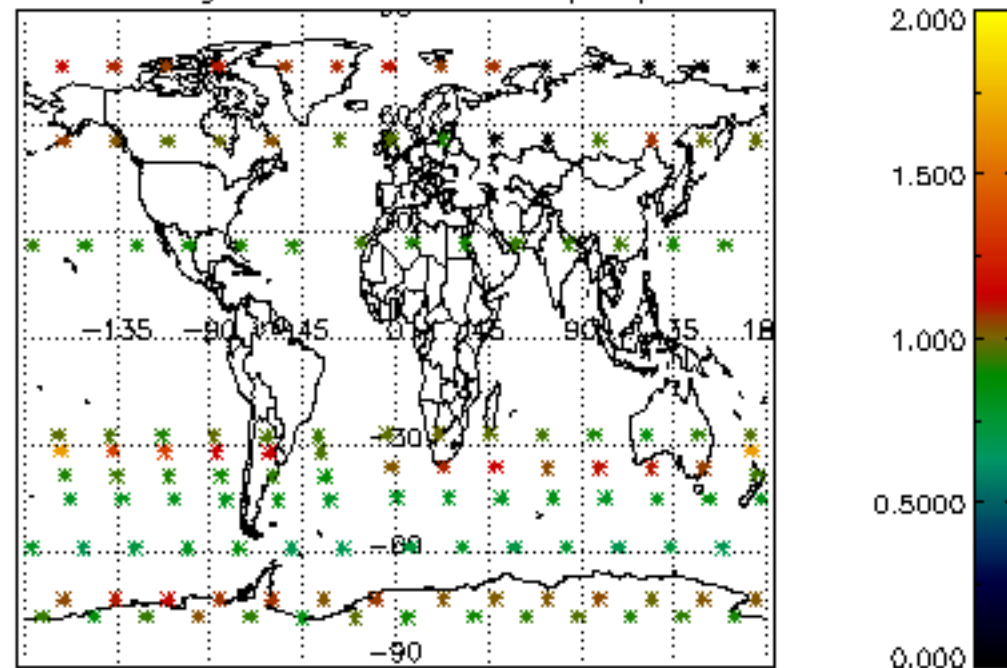




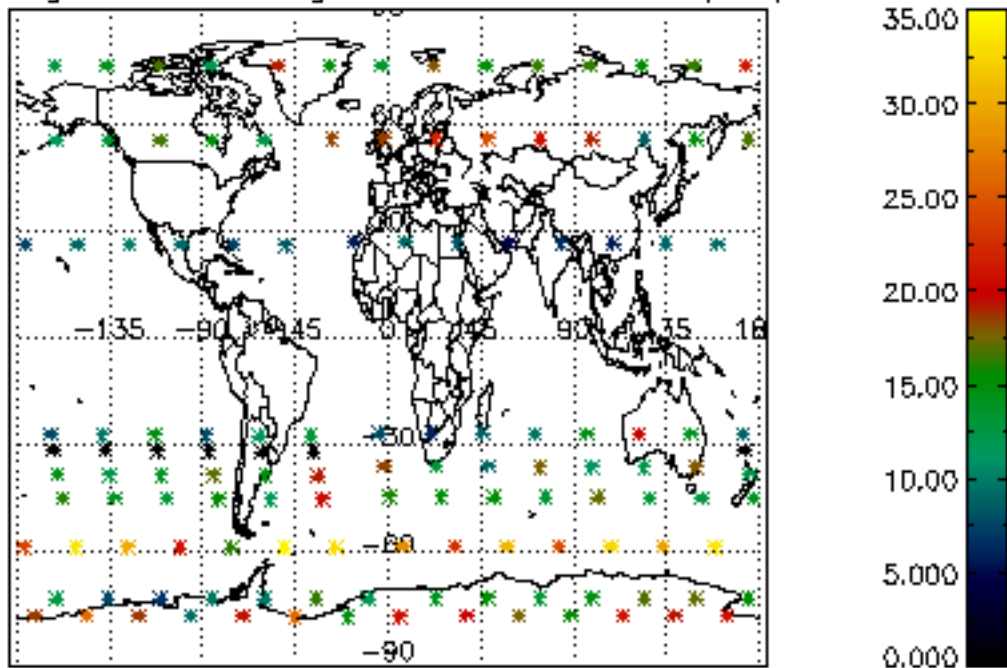
Percentage of cosmic ray hits per profile



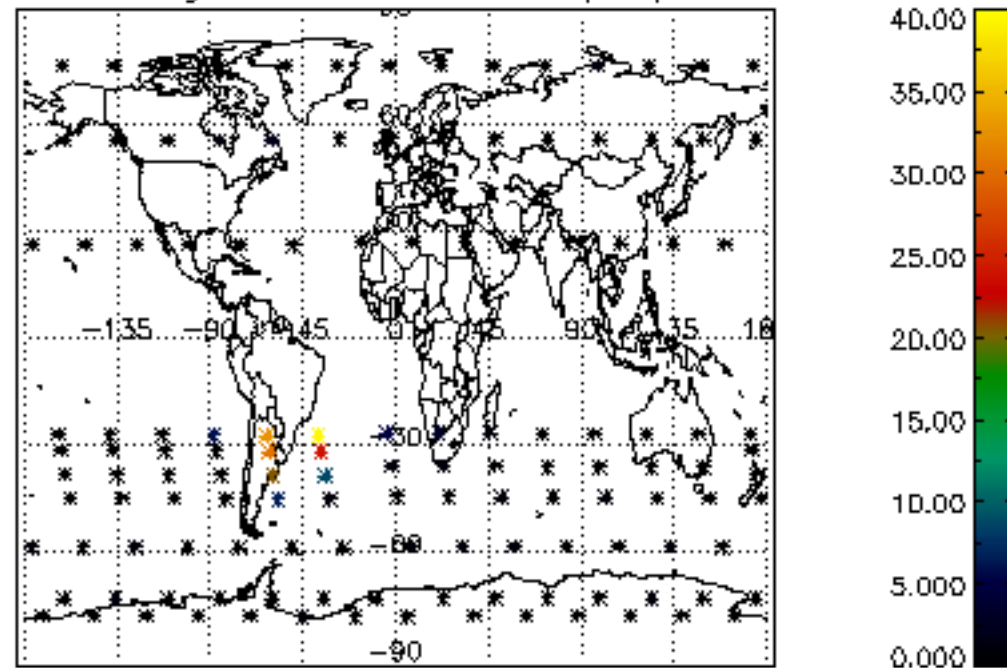
Percentage of datation errors per profile



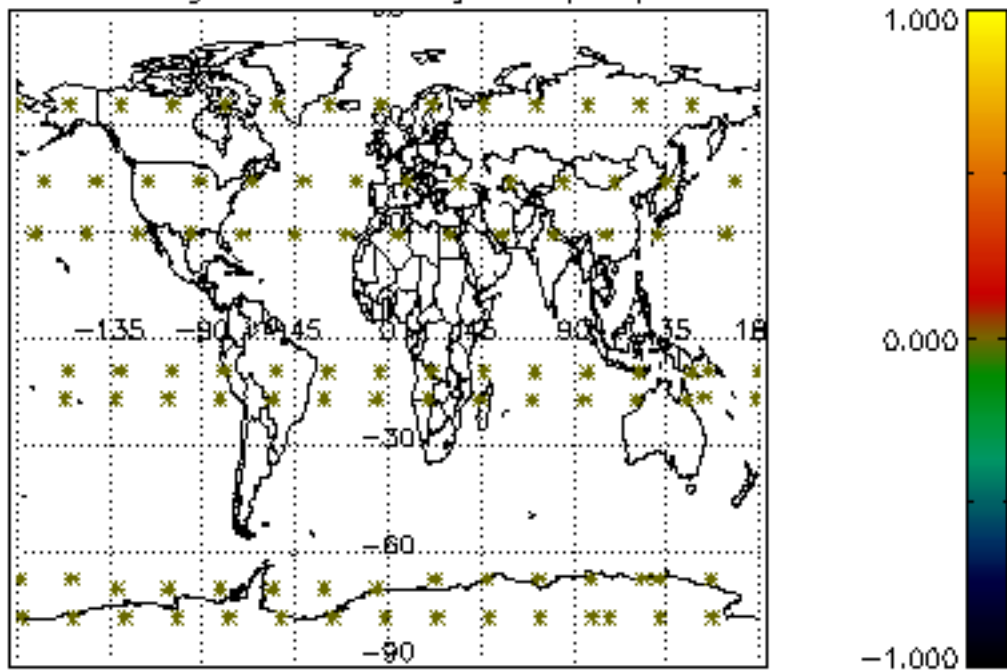
Percentage of star falling outside central band per profile



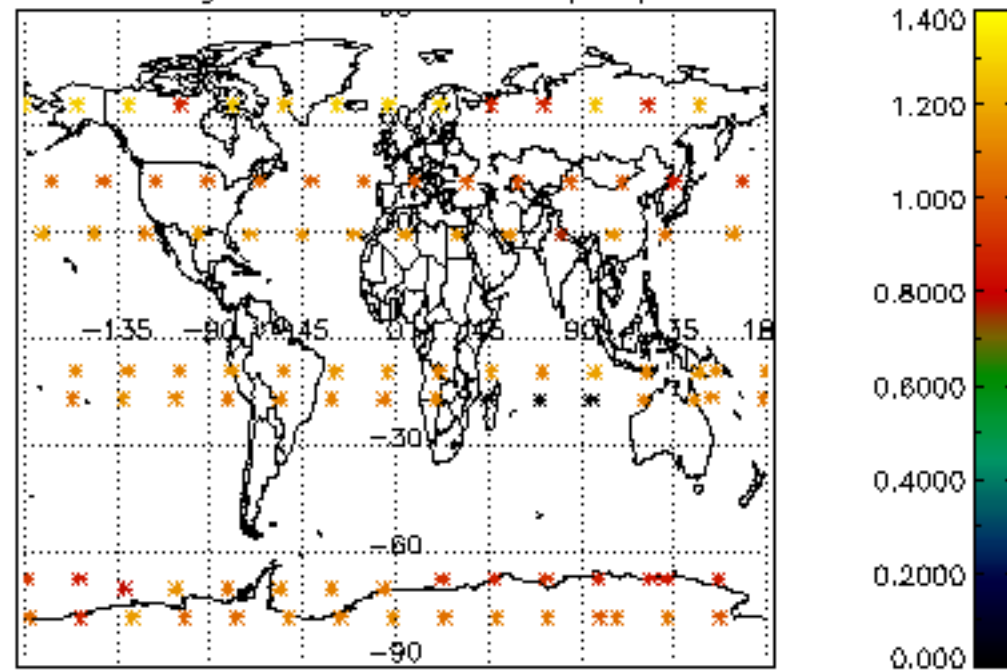
Percentage of saturation errors per profile



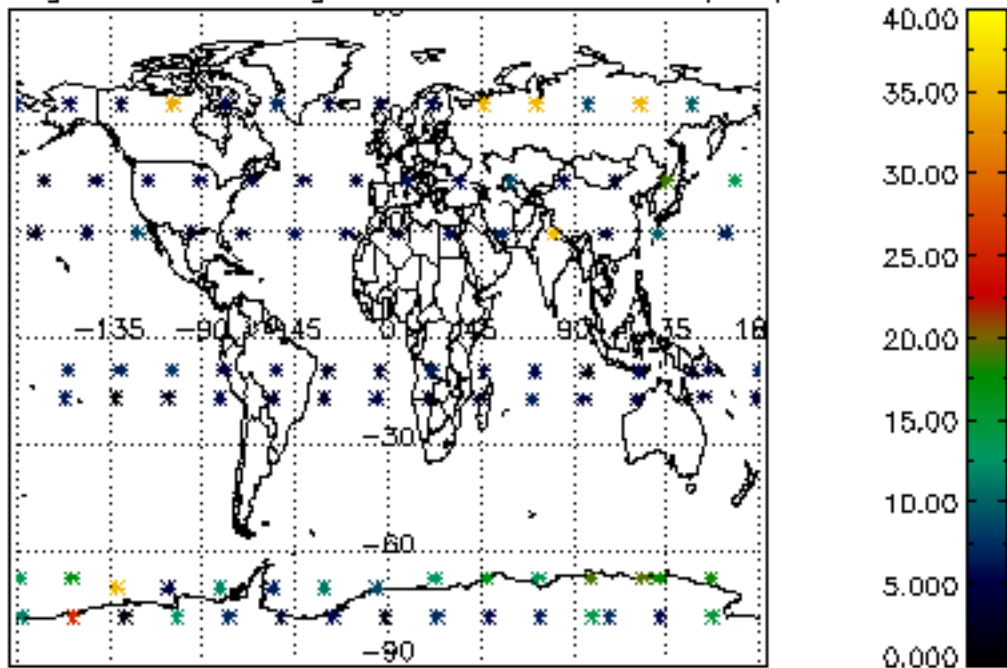
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

