

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	25APR2013 18:18:40
Data source version	GOMOS/6.01
Start time of products	01-08-2008 (01AUG2008 00:00:00)
Stop time of products	02-08-2008 (02AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	254
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__2PRFIN20080801_001109_000000562070_00446_33566_1941.N1	01-AUG-2008 00:11:09	Dark	55.500	9	Alp Eri	0.45300	24000.	111	33566	No
2	GOM_NL__2PRFIN20080801_001800_000000402070_00446_33566_1942.N1	01-AUG-2008 00:18:00	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33566	No
3	GOM_NL__2PRFIN20080801_002121_000000442070_00446_33566_1943.N1	01-AUG-2008 00:21:21	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33566	No
4	GOM_NL__2PRFIN20080801_002429_000000462070_00446_33566_1944.N1	01-AUG-2008 00:24:29	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	33566	No
5	GOM_NL__2PRFIN20080801_004019_000000382070_00446_33566_1945.N1	01-AUG-2008 00:40:19	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	33566	No
6	GOM_NL__2PRFIN20080801_004145_000000362070_00446_33566_1946.N1	01-AUG-2008 00:41:45	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33566	No
7	GOM_NL__2PRFIN20080801_004850_000000352070_00446_33566_1947.N1	01-AUG-2008 00:48:50	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	33566	No
8	GOM_NL__2PRFIN20080801_005054_000000342070_00446_33566_1948.N1	01-AUG-2008 00:50:54	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33566	No
9	GOM_NL__2PRFIN20080801_005729_000000392070_00446_33566_1949.N1	01-AUG-2008 00:57:29	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	33566	No
10	GOM_NL__2PRFIN20080801_010321_000000332070_00446_33566_1950.N1	01-AUG-2008 01:03:21	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33566	No
11	GOM_NL__2PRFIN20080801_011601_000000412070_00446_33566_1951.N1	01-AUG-2008 01:16:01	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33566	No
12	GOM_NL__2PRFIN20080801_011826_000000362070_00446_33566_1952.N1	01-AUG-2008 01:18:26	Bright	35.500	107	37The Aur	2.6490	11000.	71	33566	No
13	GOM_NL__2PRFIN20080801_012115_000000442070_00446_33566_1953.N1	01-AUG-2008 01:21:15	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	33566	No
14	GOM_NL__2PRFIN20080801_012320_000000392070_00446_33566_1954.N1	01-AUG-2008 01:23:20	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	33566	No
15	GOM_NL__2PRFIN20080801_012700_000000402070_00446_33566_1955.N1	01-AUG-2008 01:27:00	Dark	40.000	14	58Alp Ori	0.87000	3000.0	80	33566	No
16	GOM_NL__2PRFIN20080801_012946_000000412070_00446_33566_1956.N1	01-AUG-2008 01:29:46	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33566	No
17	GOM_NL__2PRFIN20080801_013214_000000472070_00446_33566_1957.N1	01-AUG-2008 01:32:14	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	33566	No
18	GOM_NL__2PRFIN20080801_013425_000000422070_00446_33566_1958.N1	01-AUG-2008 01:34:25	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33566	No
19	GOM_NL__2PRFIN20080801_014616_000000462070_00446_33566_1959.N1	01-AUG-2008 01:46:16	Dark	45.500	157	The1Eri	2.9060	9300.0	91	33566	No
20	GOM_NL__2PRFIN20080801_015146_000000422070_00447_33567_1963.N1	01-AUG-2008 01:51:46	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33567	No
21	GOM_NL__2PRFIN20080801_015836_000000432070_00447_33567_1964.N1	01-AUG-2008 01:58:36	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33567	No
22	GOM_NL__2PRFIN20080801_020157_000000462070_00447_33567_1965.N1	01-AUG-2008 02:01:57	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	33567	No
23	GOM_NL__2PRFIN20080801_020505_000000462070_00447_33567_1966.N1	01-AUG-2008 02:05:05	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	33567	No
24	GOM_NL__2PRFIN20080801_022055_000000382070_00447_33567_1967.N1	01-AUG-2008 02:20:55	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33567	No
25	GOM_NL__2PRFIN20080801_022221_000000342070_00447_33567_1968.N1	01-AUG-2008 02:22:21	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33567	No
26	GOM_NL__2PRFIN20080801_022926_000000402070_00447_33567_1969.N1	01-AUG-2008 02:29:26	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	33567	No
27	GOM_NL__2PRFIN20080801_023130_000000382070_00447_33567_1970.N1	01-AUG-2008 02:31:30	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33567	No
28	GOM_NL__2PRFIN20080801_023805_000000372070_00447_33567_1971.N1	01-AUG-2008 02:38:05	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33567	No
29	GOM_NL__2PRFIN20080801_024356_000000362070_00447_33567_1972.N1	01-AUG-2008 02:43:56	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33567	No
30	GOM_NL__2PRFIN20080801_025637_000000412070_00447_33567_1973.N1	01-AUG-2008 02:56:37	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33567	No
31	GOM_NL__2PRFIN20080801_025902_000000352070_00447_33567_1974.N1	01-AUG-2008 02:59:02	Bright	35.000	107	37The Aur	2.6490	11000.	70	33567	No
32	GOM_NL__2PRFIN20080801_030151_000000442070_00447_33567_1975.N1	01-AUG-2008 03:01:51	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33567	No
33	GOM_NL__2PRFIN20080801_030356_000000402070_00447_33567_1976.N1	01-AUG-2008 03:03:56	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	33567	No
34	GOM_NL__2PRFIN20080801_030736_000000462070_00447_33567_1977.N1	01-AUG-2008 03:07:36	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	33567	No
35	GOM_NL__2PRFIN20080801_031022_000000422070_00447_33567_1978.N1	01-AUG-2008 03:10:22	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33567	No
36	GOM_NL__2PRFIN20080801_031251_000000512070_00447_33567_1979.N1	01-AUG-2008 03:12:51	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	33567	No
37	GOM_NL__2PRFIN20080801_031501_000000392070_00447_33567_1980.N1	01-AUG-2008 03:15:01	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	33567	No
38	GOM_NL__2PRFIN20080801_032653_000000472070_00447_33567_1981.N1	01-AUG-2008 03:26:53	Dark	47.000	157	The1Eri	2.9060	9300.0	94	33567	No
39	GOM_NL__2PRFIN20080801_033222_000000532070_00448_33568_1983.N1	01-AUG-2008 03:32:22	Dark	53.000	9	Alp Eri	0.45300	24000.	106	33568	No
40	GOM_NL__2PRFIN20080801_033912_000000442070_00448_33568_1984.N1	01-AUG-2008 03:39:12	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33568	No
41	GOM_NL__2PRFIN20080801_034234_000000432070_00448_33568_1985.N1	01-AUG-2008 03:42:34	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33568	No
42	GOM_NL__2PRFIN20080801_034542_000000462070_00448_33568_1986.N1	01-AUG-2008 03:45:42	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	33568	No

43	GOM_NL__2PRFIN20080801_040131_000000392070_00448_33568_1987.N1	01-AUG-2008 04:01:31	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	33568	No
44	GOM_NL__2PRFIN20080801_040257_000000352070_00448_33568_1988.N1	01-AUG-2008 04:02:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33568	No
45	GOM_NL__2PRFIN20080801_041002_000000402070_00448_33568_1989.N1	01-AUG-2008 04:10:02	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33568	No
46	GOM_NL__2PRFIN20080801_041205_000000382070_00448_33568_1990.N1	01-AUG-2008 04:12:05	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33568	No
47	GOM_NL__2PRFIN20080801_041840_000000392070_00448_33568_1991.N1	01-AUG-2008 04:18:40	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	33568	No
48	GOM_NL__2PRFIN20080801_042432_000000332070_00448_33568_1992.N1	01-AUG-2008 04:24:32	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33568	No
49	GOM_NL__2PRFIN20080801_043713_000000432070_00448_33568_1993.N1	01-AUG-2008 04:37:13	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33568	No
50	GOM_NL__2PRFIN20080801_043939_000000362070_00448_33568_1994.N1	01-AUG-2008 04:39:39	Bright	35.500	107	37The Aur	2.6490	11000.	71	33568	No
51	GOM_NL__2PRFIN20080801_044227_000000432070_00448_33568_1995.N1	01-AUG-2008 04:42:27	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	33568	No
52	GOM_NL__2PRFIN20080801_044432_000000412070_00448_33568_1996.N1	01-AUG-2008 04:44:32	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	33568	No
53	GOM_NL__2PRFIN20080801_044812_000000492070_00448_33568_1997.N1	01-AUG-2008 04:48:12	Dark	48.500	14	58Alp Ori	0.87000	3000.0	97	33568	No
54	GOM_NL__2PRFIN20080801_045058_000000412070_00448_33568_1998.N1	01-AUG-2008 04:50:58	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33568	No
55	GOM_NL__2PRFIN20080801_045327_000000422070_00448_33568_1999.N1	01-AUG-2008 04:53:27	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	33568	No
56	GOM_NL__2PRFIN20080801_045538_000000382070_00448_33568_2000.N1	01-AUG-2008 04:55:38	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	33568	No
57	GOM_NL__2PRFIN20080801_050730_000000482070_00448_33568_2001.N1	01-AUG-2008 05:07:30	Dark	47.500	157	The1Eri	2.9060	9300.0	95	33568	No
58	GOM_NL__2PRFIN20080801_051259_000000432070_00449_33569_2003.N1	01-AUG-2008 05:12:59	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33569	No
59	GOM_NL__2PRFIN20080801_051949_000000402070_00449_33569_2004.N1	01-AUG-2008 05:19:49	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33569	No
60	GOM_NL__2PRFIN20080801_052310_000000442070_00449_33569_2005.N1	01-AUG-2008 05:23:10	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	33569	No
61	GOM_NL__2PRFIN20080801_052619_000000452070_00449_33569_2006.N1	01-AUG-2008 05:26:19	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	33569	No
62	GOM_NL__2PRFIN20080801_054207_000000382070_00449_33569_2007.N1	01-AUG-2008 05:42:07	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	33569	No
63	GOM_NL__2PRFIN20080801_054333_000000362070_00449_33569_2008.N1	01-AUG-2008 05:43:33	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33569	No
64	GOM_NL__2PRFIN20080801_055038_000000392070_00449_33569_2009.N1	01-AUG-2008 05:50:38	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	33569	No
65	GOM_NL__2PRFIN20080801_055241_000000382070_00449_33569_2010.N1	01-AUG-2008 05:52:41	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33569	No
66	GOM_NL__2PRFIN20080801_055916_000000382070_00449_33569_2011.N1	01-AUG-2008 05:59:16	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	33569	No
67	GOM_NL__2PRFIN20080801_060508_000000332070_00449_33569_2012.N1	01-AUG-2008 06:05:08	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33569	No
68	GOM_NL__2PRFIN20080801_061749_000000432070_00449_33569_2013.N1	01-AUG-2008 06:17:49	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33569	No
69	GOM_NL__2PRFIN20080801_062015_000000382070_00449_33569_2014.N1	01-AUG-2008 06:20:15	Bright	37.500	107	37The Aur	2.6490	11000.	75	33569	No
70	GOM_NL__2PRFIN20080801_062303_000000422070_00449_33569_2015.N1	01-AUG-2008 06:23:03	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	33569	No
71	GOM_NL__2PRFIN20080801_062508_000000392070_00449_33569_2016.N1	01-AUG-2008 06:25:08	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	33569	No
72	GOM_NL__2PRFIN20080801_062849_000000422070_00449_33569_2017.N1	01-AUG-2008 06:28:49	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	33569	No
73	GOM_NL__2PRFIN20080801_063135_000000372070_00449_33569_2018.N1	01-AUG-2008 06:31:35	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	33569	No
74	GOM_NL__2PRFIN20080801_063404_000000392070_00449_33569_2019.N1	01-AUG-2008 06:34:04	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	33569	No
75	GOM_NL__2PRFIN20080801_063614_000000382070_00449_33569_2020.N1	01-AUG-2008 06:36:14	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	33569	No
76	GOM_NL__2PRFIN20080801_064807_000000462070_00449_33569_2021.N1	01-AUG-2008 06:48:07	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33569	No
77	GOM_NL__2PRFIN20080801_065336_000000542070_00450_33570_2037.N1	01-AUG-2008 06:53:36	Dark	54.000	9	Alp Eri	0.45300	24000.	108	33570	No
78	GOM_NL__2PRFIN20080801_070025_000000442070_00450_33570_2038.N1	01-AUG-2008 07:00:25	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33570	No
79	GOM_NL__2PRFIN20080801_070347_000000462070_00450_33570_2039.N1	01-AUG-2008 07:03:47	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	33570	No
80	GOM_NL__2PRFIN20080801_070655_000000442070_00450_33570_2040.N1	01-AUG-2008 07:06:55	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33570	No
81	GOM_NL__2PRFIN20080801_072243_000000382070_00450_33570_2041.N1	01-AUG-2008 07:22:43	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	33570	No
82	GOM_NL__2PRFIN20080801_072409_000000352070_00450_33570_2042.N1	01-AUG-2008 07:24:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33570	No
83	GOM_NL__2PRFIN20080801_073114_000000362070_00450_33570_2043.N1	01-AUG-2008 07:31:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	33570	No
84	GOM_NL__2PRFIN20080801_073317_000000382070_00450_33570_2044.N1	01-AUG-2008 07:33:17	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33570	No
85	GOM_NL__2PRFIN20080801_073951_000000412070_00450_33570_2045.N1	01-AUG-2008 07:39:51	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	33570	No
86	GOM_NL__2PRFIN20080801_074544_000000332070_00450_33570_2046.N1	01-AUG-2008 07:45:44	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33570	No
87	GOM_NL__2PRFIN20080801_075825_000000412070_00450_33570_2047.N1	01-AUG-2008 07:58:25	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33570	No
88	GOM_NL__2PRFIN20080801_080051_000000342070_00450_33570_2048.N1	01-AUG-2008 08:00:51	Bright	34.000	107	37The Aur	2.6490	11000.	68	33570	No
89	GOM_NL__2PRFIN20080801_080339_000000422070_00450_33570_2049.N1	01-AUG-2008 08:03:39	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	33570	No
90	GOM_NL__2PRFIN20080801_080544_000000382070_00450_33570_2050.N1	01-AUG-2008 08:05:44	Tw_i_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	33570	No
91	GOM_NL__2PRFIN20080801_080925_000000412070_00450_33570_2051.N1	01-AUG-2008 08:09:25	Dark	40.500	14	58Alp Ori	0.87000	3000.0	81	33570	No
92	GOM_NL__2PRFIN20080801_081211_000000352070_00450_33570_2052.N1	01-AUG-2008 08:12:11	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	33570	No
93	GOM_NL__2PRFIN20080801_081440_000000412070_00450_33570_2053.N1	01-AUG-2008 08:14:40	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	33570	No
94	GOM_NL__2PRFIN20080801_081650_000000412070_00450_33570_2054.N1	01-AUG-2008 08:16:50	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	33570	No
95	GOM_NL__2PRFIN20080801_082844_000000472070_00450_33570_2055.N1	01-AUG-2008 08:28:44	Dark	47.000	157	The1Eri	2.9060	9300.0	94	33570	No
96	GOM_NL__2PRFIN20080801_083412_000000432070_00451_33571_2059.N1	01-AUG-2008 08:34:12	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33571	No
97	GOM_NL__2PRFIN20080801_084102_000000472070_00451_33571_2060.N1	01-AUG-2008 08:41:02	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	33571	No
98	GOM_NL__2PRFIN20080801_084423_000000442070_00451_33571_2061.N1	01-AUG-2008 08:44:23	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33571	No
99	GOM_NL__2PRFIN20080801_084731_000000452070_00451_33571_2062.N1	01-AUG-2008 08:47:31	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	33571	No
100	GOM_NL__2PRFIN20080801_090318_000000422070_00451_33571_2063.N1	01-AUG-2008 09:03:18	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	33571	No
101	GOM_NL__2PRFIN20080801_090445_000000372070_00451_33571_2064.N1	01-AUG-2008 09:04:45	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	33571	No

102	GOM_NL__2PRFIN20080801_091150_000000392070_00451_33571_2065.N1	01-AUG-2008 09:11:50	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33571	No
103	GOM_NL__2PRFIN20080801_091353_000000382070_00451_33571_2066.N1	01-AUG-2008 09:13:53	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33571	No
104	GOM_NL__2PRFIN20080801_092027_000000382070_00451_33571_2067.N1	01-AUG-2008 09:20:27	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33571	No
105	GOM_NL__2PRFIN20080801_092620_000000362070_00451_33571_2068.N1	01-AUG-2008 09:26:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33571	No
106	GOM_NL__2PRFIN20080801_093900_000000422070_00451_33571_2069.N1	01-AUG-2008 09:39:00	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	33571	No
107	GOM_NL__2PRFIN20080801_094127_000000342070_00451_33571_2070.N1	01-AUG-2008 09:41:27	Bright	33.500	107	37The Aur	2.6490	11000.	67	33571	No
108	GOM_NL__2PRFIN20080801_094416_000000452070_00451_33571_2071.N1	01-AUG-2008 09:44:16	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	33571	No
109	GOM_NL__2PRFIN20080801_094621_000000392070_00451_33571_2072.N1	01-AUG-2008 09:46:21	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	33571	No
110	GOM_NL__2PRFIN20080801_095001_000000352070_00451_33571_2073.N1	01-AUG-2008 09:50:01	Dark	35.000	14	58Alp Ori	0.87000	3000.0	70	33571	No
111	GOM_NL__2PRFIN20080801_095247_000000412070_00451_33571_2074.N1	01-AUG-2008 09:52:47	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	33571	No
112	GOM_NL__2PRFIN20080801_095516_000000522070_00451_33571_2075.N1	01-AUG-2008 09:55:16	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	33571	No
113	GOM_NL__2PRFIN20080801_095727_000000412070_00451_33571_2076.N1	01-AUG-2008 09:57:27	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	33571	No
114	GOM_NL__2PRFIN20080801_100921_000000462070_00451_33571_2077.N1	01-AUG-2008 10:09:21	Dark	45.500	157	The1Eri	2.9060	9300.0	91	33571	No
115	GOM_NL__2PRFIN20080801_101449_000000532070_00452_33572_2080.N1	01-AUG-2008 10:14:49	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33572	No
116	GOM_NL__2PRFIN20080801_102138_000000442070_00452_33572_2081.N1	01-AUG-2008 10:21:38	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33572	No
117	GOM_NL__2PRFIN20080801_102500_000000502070_00452_33572_2082.N1	01-AUG-2008 10:25:00	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	33572	No
118	GOM_NL__2PRFIN20080801_102808_000000432070_00452_33572_2083.N1	01-AUG-2008 10:28:08	Straylight	43.000	172	Gam Gru	3.0030	13100.	86	33572	No
119	GOM_NL__2PRFIN20080801_104354_000000392070_00452_33572_2084.N1	01-AUG-2008 10:43:54	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	33572	No
120	GOM_NL__2PRFIN20080801_104521_000000352070_00452_33572_2085.N1	01-AUG-2008 10:45:21	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33572	No
121	GOM_NL__2PRFIN20080801_105226_000000392070_00452_33572_2086.N1	01-AUG-2008 10:52:26	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33572	No
122	GOM_NL__2PRFIN20080801_105428_000000372070_00452_33572_2087.N1	01-AUG-2008 10:54:28	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33572	No
123	GOM_NL__2PRFIN20080801_110102_000000392070_00452_33572_2088.N1	01-AUG-2008 11:01:02	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	33572	No
124	GOM_NL__2PRFIN20080801_110656_000000372070_00452_33572_2089.N1	01-AUG-2008 11:06:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33572	No
125	GOM_NL__2PRFIN20080801_111936_000000412070_00452_33572_2090.N1	01-AUG-2008 11:19:36	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33572	No
126	GOM_NL__2PRFIN20080801_112203_000000352070_00452_33572_2091.N1	01-AUG-2008 11:22:03	Bright	34.500	107	37The Aur	2.6490	11000.	69	33572	No
127	GOM_NL__2PRFIN20080801_112452_000000432070_00452_33572_2092.N1	01-AUG-2008 11:24:52	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	33572	No
128	GOM_NL__2PRFIN20080801_112657_000000372070_00452_33572_2093.N1	01-AUG-2008 11:26:57	Twilight	37.000	176	23Zet Tau	3.0200	22000.	74	33572	No
129	GOM_NL__2PRFIN20080801_113037_000000372070_00452_33572_2094.N1	01-AUG-2008 11:30:37	Dark	37.000	14	58Alp Ori	0.87000	3000.0	74	33572	No
130	GOM_NL__2PRFIN20080801_113323_000000432070_00452_33572_2095.N1	01-AUG-2008 11:33:23	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	33572	No
131	GOM_NL__2PRFIN20080801_113553_000000442070_00452_33572_2096.N1	01-AUG-2008 11:35:53	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	33572	No
132	GOM_NL__2PRFIN20080801_113803_000000392070_00452_33572_2097.N1	01-AUG-2008 11:38:03	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	33572	No
133	GOM_NL__2PRFIN20080801_114957_000000462070_00452_33572_2098.N1	01-AUG-2008 11:49:57	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33572	No
134	GOM_NL__2PRFIN20080801_115525_000000482070_00453_33573_2100.N1	01-AUG-2008 11:55:25	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33573	No
135	GOM_NL__2PRFIN20080801_120214_000000422070_00453_33573_2101.N1	01-AUG-2008 12:02:14	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33573	No
136	GOM_NL__2PRFIN20080801_120536_000000442070_00453_33573_2102.N1	01-AUG-2008 12:05:36	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33573	No
137	GOM_NL__2PRFIN20080801_120844_000000452070_00453_33573_2103.N1	01-AUG-2008 12:08:44	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	33573	No
138	GOM_NL__2PRFIN20080801_122430_000000372070_00453_33573_2104.N1	01-AUG-2008 12:24:30	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33573	No
139	GOM_NL__2PRFIN20080801_122557_000000352070_00453_33573_2105.N1	01-AUG-2008 12:25:57	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33573	No
140	GOM_NL__2PRFIN20080801_123302_000000352070_00453_33573_2106.N1	01-AUG-2008 12:33:02	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	33573	No
141	GOM_NL__2PRFIN20080801_123504_000000362070_00453_33573_2107.N1	01-AUG-2008 12:35:04	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33573	No
142	GOM_NL__2PRFIN20080801_124138_000000402070_00453_33573_2108.N1	01-AUG-2008 12:41:38	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	33573	No
143	GOM_NL__2PRFIN20080801_124732_000000362070_00453_33573_2109.N1	01-AUG-2008 12:47:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33573	No
144	GOM_NL__2PRFIN20080801_130012_000000412070_00453_33573_2110.N1	01-AUG-2008 13:00:12	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33573	No
145	GOM_NL__2PRFIN20080801_130239_000000342070_00453_33573_2111.N1	01-AUG-2008 13:02:39	Bright	33.500	107	37The Aur	2.6490	11000.	67	33573	No
146	GOM_NL__2PRFIN20080801_130528_000000422070_00453_33573_2112.N1	01-AUG-2008 13:05:28	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	33573	No
147	GOM_NL__2PRFIN20080801_130733_000000372070_00453_33573_2113.N1	01-AUG-2008 13:07:33	Twilight	37.000	176	23Zet Tau	3.0200	22000.	74	33573	No
148	GOM_NL__2PRFIN20080801_131113_000000512070_00453_33573_2114.N1	01-AUG-2008 13:11:13	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33573	No
149	GOM_NL__2PRFIN20080801_131400_000000432070_00453_33573_2115.N1	01-AUG-2008 13:14:00	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	33573	No
150	GOM_NL__2PRFIN20080801_131629_000000452070_00453_33573_2116.N1	01-AUG-2008 13:16:29	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	33573	No
151	GOM_NL__2PRFIN20080801_131839_000000412070_00453_33573_2117.N1	01-AUG-2008 13:18:39	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	33573	No
152	GOM_NL__2PRFIN20080801_133034_000000462070_00453_33573_2118.N1	01-AUG-2008 13:30:34	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33573	No
153	GOM_NL__2PRFIN20080801_133602_000000452070_00454_33574_2119.N1	01-AUG-2008 13:36:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33574	No
154	GOM_NL__2PRFIN20080801_134251_000000422070_00454_33574_2120.N1	01-AUG-2008 13:42:51	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33574	No
155	GOM_NL__2PRFIN20080801_134612_000000432070_00454_33574_2121.N1	01-AUG-2008 13:46:12	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33574	No
156	GOM_NL__2PRFIN20080801_134920_000000442070_00454_33574_2122.N1	01-AUG-2008 13:49:20	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	33574	No
157	GOM_NL__2PRFIN20080801_140506_000000372070_00454_33574_2123.N1	01-AUG-2008 14:05:06	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33574	No
158	GOM_NL__2PRFIN20080801_140633_000000342070_00454_33574_2124.N1	01-AUG-2008 14:06:33	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	33574	No
159	GOM_NL__2PRFIN20080801_141338_000000372070_00454_33574_2125.N1	01-AUG-2008 14:13:38	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	33574	No
160	GOM_NL__2PRFIN20080801_141540_000000352070_00454_33574_2126.N1	01-AUG-2008 14:15:40	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	33574	No

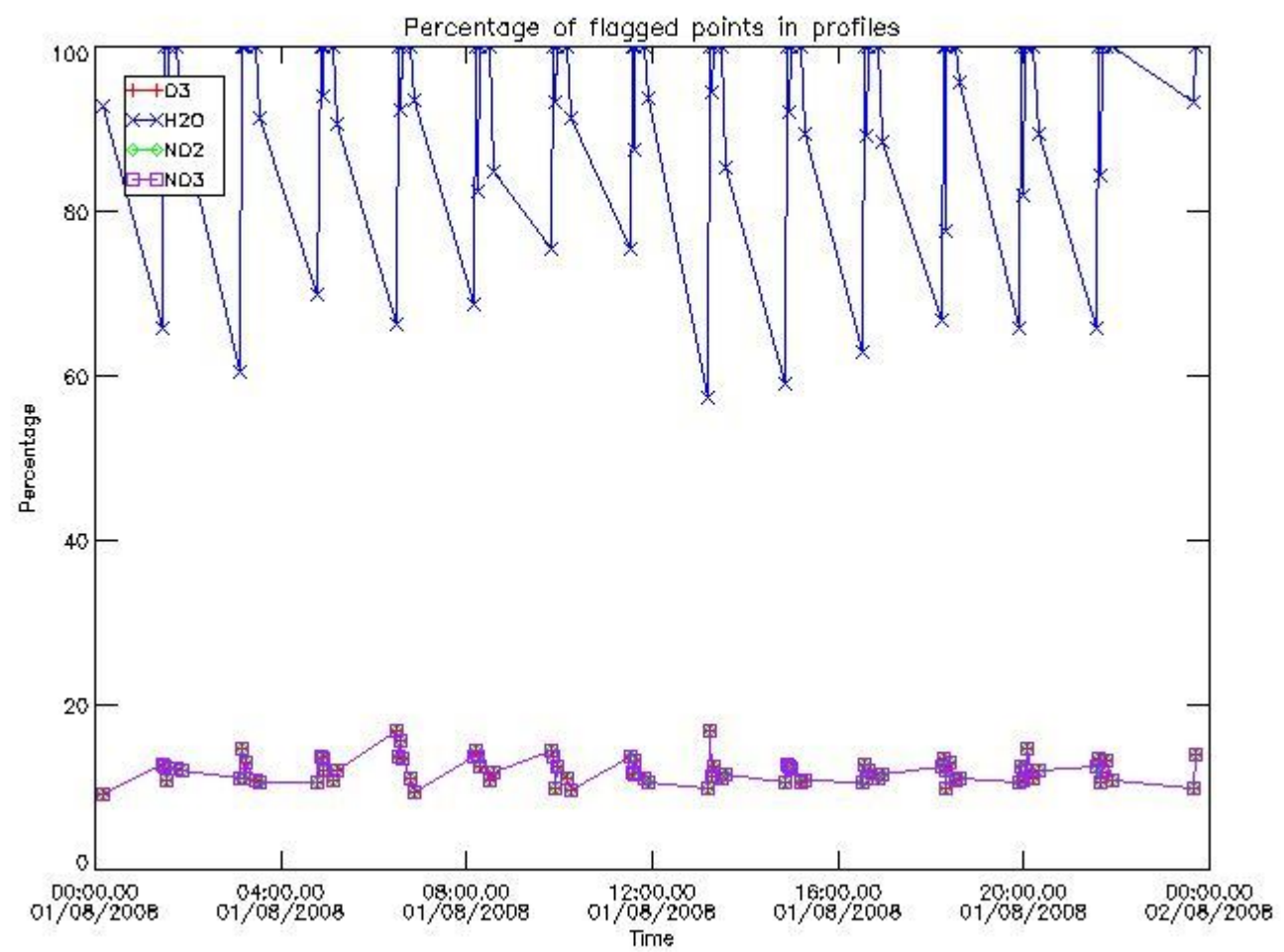
161	GOM_NL__2PRFIN20080801_142213_000000402070_00454_33574_2127.N1	01-AUG-2008 14:22:13	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	33574	No
162	GOM_NL__2PRFIN20080801_144048_000000402070_00454_33574_2128.N1	01-AUG-2008 14:40:48	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	33574	No
163	GOM_NL__2PRFIN20080801_144315_000000352070_00454_33574_2129.N1	01-AUG-2008 14:43:15	Bright	34.500	107	37The Aur	2.6490	11000.	69	33574	No
164	GOM_NL__2PRFIN20080801_144604_000000432070_00454_33574_2130.N1	01-AUG-2008 14:46:04	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	33574	No
165	GOM_NL__2PRFIN20080801_144809_000000392070_00454_33574_2131.N1	01-AUG-2008 14:48:09	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	33574	No
166	GOM_NL__2PRFIN20080801_145150_000000532070_00454_33574_2132.N1	01-AUG-2008 14:51:50	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33574	No
167	GOM_NL__2PRFIN20080801_145436_000000402070_00454_33574_2133.N1	01-AUG-2008 14:54:36	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	33574	No
168	GOM_NL__2PRFIN20080801_145705_000000452070_00454_33574_2134.N1	01-AUG-2008 14:57:05	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	33574	No
169	GOM_NL__2PRFIN20080801_145916_000000422070_00454_33574_2135.N1	01-AUG-2008 14:59:16	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33574	No
170	GOM_NL__2PRFIN20080801_151111_000000482070_00454_33574_2136.N1	01-AUG-2008 15:11:11	Dark	48.000	157	The1Eri	2.9060	9300.0	96	33574	No
171	GOM_NL__2PRFIN20080801_151639_000000482070_00455_33575_2157.N1	01-AUG-2008 15:16:39	Dark	47.500	9	Alp Eri	0.45300	24000.	95	33575	No
172	GOM_NL__2PRFIN20080801_152327_000000422070_00455_33575_2158.N1	01-AUG-2008 15:23:27	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33575	No
173	GOM_NL__2PRFIN20080801_152649_000000502070_00455_33575_2159.N1	01-AUG-2008 15:26:49	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	33575	No
174	GOM_NL__2PRFIN20080801_152957_000000432070_00455_33575_2160.N1	01-AUG-2008 15:29:57	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	33575	No
175	GOM_NL__2PRFIN20080801_154542_000000362070_00455_33575_2161.N1	01-AUG-2008 15:45:42	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33575	No
176	GOM_NL__2PRFIN20080801_154709_000000342070_00455_33575_2162.N1	01-AUG-2008 15:47:09	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33575	No
177	GOM_NL__2PRFIN20080801_155414_000000372070_00455_33575_2163.N1	01-AUG-2008 15:54:14	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	33575	No
178	GOM_NL__2PRFIN20080801_155615_000000362070_00455_33575_2164.N1	01-AUG-2008 15:56:15	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	33575	No
179	GOM_NL__2PRFIN20080801_160249_000000412070_00455_33575_2165.N1	01-AUG-2008 16:02:49	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	33575	No
180	GOM_NL__2PRFIN20080801_160844_000000362070_00455_33575_2166.N1	01-AUG-2008 16:08:44	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33575	No
181	GOM_NL__2PRFIN20080801_162124_000000412070_00455_33575_2167.N1	01-AUG-2008 16:21:24	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33575	No
182	GOM_NL__2PRFIN20080801_162351_000000442070_00455_33575_2168.N1	01-AUG-2008 16:23:51	Bright	43.500	107	37The Aur	2.6490	11000.	87	33575	No
183	GOM_NL__2PRFIN20080801_162640_000000422070_00455_33575_2169.N1	01-AUG-2008 16:26:40	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	33575	No
184	GOM_NL__2PRFIN20080801_162845_000000402070_00455_33575_2170.N1	01-AUG-2008 16:28:45	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	33575	No
185	GOM_NL__2PRFIN20080801_163226_000000532070_00455_33575_2171.N1	01-AUG-2008 16:32:26	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33575	No
186	GOM_NL__2PRFIN20080801_163512_000000402070_00455_33575_2172.N1	01-AUG-2008 16:35:12	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	33575	No
187	GOM_NL__2PRFIN20080801_163742_000000512070_00455_33575_2173.N1	01-AUG-2008 16:37:42	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	33575	No
188	GOM_NL__2PRFIN20080801_163952_000000422070_00455_33575_2174.N1	01-AUG-2008 16:39:52	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	33575	No
189	GOM_NL__2PRFIN20080801_165148_000000462070_00455_33575_2175.N1	01-AUG-2008 16:51:48	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33575	No
190	GOM_NL__2PRFIN20080801_165715_000000442070_00456_33576_2177.N1	01-AUG-2008 16:57:15	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33576	No
191	GOM_NL__2PRFIN20080801_170403_000000382070_00456_33576_2178.N1	01-AUG-2008 17:04:03	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33576	No
192	GOM_NL__2PRFIN20080801_170725_000000532070_00456_33576_2179.N1	01-AUG-2008 17:07:25	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	33576	No
193	GOM_NL__2PRFIN20080801_171033_000000442070_00456_33576_2180.N1	01-AUG-2008 17:10:33	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33576	No
194	GOM_NL__2PRFIN20080801_172618_000000382070_00456_33576_2181.N1	01-AUG-2008 17:26:18	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33576	No
195	GOM_NL__2PRFIN20080801_172745_000000352070_00456_33576_2182.N1	01-AUG-2008 17:27:45	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33576	No
196	GOM_NL__2PRFIN20080801_173450_000000402070_00456_33576_2183.N1	01-AUG-2008 17:34:50	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33576	No
197	GOM_NL__2PRFIN20080801_173651_000000372070_00456_33576_2184.N1	01-AUG-2008 17:36:51	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	33576	No
198	GOM_NL__2PRFIN20080801_174324_000000402070_00456_33576_2185.N1	01-AUG-2008 17:43:24	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	33576	No
199	GOM_NL__2PRFIN20080801_174920_000000362070_00456_33576_2186.N1	01-AUG-2008 17:49:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33576	No
200	GOM_NL__2PRFIN20080801_180200_000000412070_00456_33576_2187.N1	01-AUG-2008 18:02:00	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33576	No
201	GOM_NL__2PRFIN20080801_180427_000000352070_00456_33576_2188.N1	01-AUG-2008 18:04:27	Bright	35.000	107	37The Aur	2.6490	11000.	70	33576	No
202	GOM_NL__2PRFIN20080801_180716_000000442070_00456_33576_2189.N1	01-AUG-2008 18:07:16	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33576	No
203	GOM_NL__2PRFIN20080801_180921_000000372070_00456_33576_2190.N1	01-AUG-2008 18:09:21	Tw_i_and_stray	37.000	176	23Zet Tau	3.0200	22000.	74	33576	No
204	GOM_NL__2PRFIN20080801_181302_000000532070_00456_33576_2191.N1	01-AUG-2008 18:13:02	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33576	No
205	GOM_NL__2PRFIN20080801_181549_000000422070_00456_33576_2192.N1	01-AUG-2008 18:15:49	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33576	No
206	GOM_NL__2PRFIN20080801_181818_000000522070_00456_33576_2193.N1	01-AUG-2008 18:18:18	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	33576	No
207	GOM_NL__2PRFIN20080801_182028_000000422070_00456_33576_2194.N1	01-AUG-2008 18:20:28	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	33576	No
208	GOM_NL__2PRFIN20080801_182440_000000392070_00456_33576_2195.N1	01-AUG-2008 18:24:40	Dark	39.000	108	Alp Col	2.6520	15200.	78	33576	No
209	GOM_NL__2PRFIN20080801_183225_000000472070_00456_33576_2196.N1	01-AUG-2008 18:32:25	Dark	46.500	157	The1Eri	2.9060	9300.0	93	33576	No
210	GOM_NL__2PRFIN20080801_183752_000000462070_00457_33577_2198.N1	01-AUG-2008 18:37:52	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33577	No
211	GOM_NL__2PRFIN20080801_184440_000000412070_00457_33577_2199.N1	01-AUG-2008 18:44:40	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33577	No
212	GOM_NL__2PRFIN20080801_184802_000000422070_00457_33577_2200.N1	01-AUG-2008 18:48:02	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33577	No
213	GOM_NL__2PRFIN20080801_185110_000000442070_00457_33577_2201.N1	01-AUG-2008 18:51:10	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	33577	No
214	GOM_NL__2PRFIN20080801_190654_000000382070_00457_33577_2202.N1	01-AUG-2008 19:06:54	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33577	No
215	GOM_NL__2PRFIN20080801_190821_000000362070_00457_33577_2203.N1	01-AUG-2008 19:08:21	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33577	No
216	GOM_NL__2PRFIN20080801_191526_000000402070_00457_33577_2204.N1	01-AUG-2008 19:15:26	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33577	No
217	GOM_NL__2PRFIN20080801_191727_000000372070_00457_33577_2205.N1	01-AUG-2008 19:17:27	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33577	No
218	GOM_NL__2PRFIN20080801_192400_000000402070_00457_33577_2206.N1	01-AUG-2008 19:24:00	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	33577	No
219	GOM_NL__2PRFIN20080801_192956_000000372070_00457_33577_2207.N1	01-AUG-2008 19:29:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33577	No

220	GOM_NL__2PRFIN20080801_194236_000000432070_00457_33577_2208.N1	01-AUG-2008 19:42:36	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	33577	No
221	GOM_NL__2PRFIN20080801_194503_000000342070_00457_33577_2209.N1	01-AUG-2008 19:45:03	Bright	34.000	107	37The Aur	2.6490	11000.	68	33577	No
222	GOM_NL__2PRFIN20080801_194752_000000442070_00457_33577_2210.N1	01-AUG-2008 19:47:52	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33577	No
223	GOM_NL__2PRFIN20080801_194958_000000382070_00457_33577_2211.N1	01-AUG-2008 19:49:58	Twilight	37.500	176	23Zet Tau	3.0200	22000.	75	33577	No
224	GOM_NL__2PRFIN20080801_195338_000000532070_00457_33577_2212.N1	01-AUG-2008 19:53:38	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33577	No
225	GOM_NL__2PRFIN20080801_195625_000000412070_00457_33577_2213.N1	01-AUG-2008 19:56:25	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33577	No
226	GOM_NL__2PRFIN20080801_195855_000000482070_00457_33577_2214.N1	01-AUG-2008 19:58:55	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	33577	No
227	GOM_NL__2PRFIN20080801_200105_000000432070_00457_33577_2215.N1	01-AUG-2008 20:01:05	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33577	No
228	GOM_NL__2PRFIN20080801_200516_000000382070_00457_33577_2216.N1	01-AUG-2008 20:05:16	Dark	38.000	108	Alp Col	2.6520	15200.	76	33577	No
229	GOM_NL__2PRFIN20080801_201302_000000462070_00457_33577_2217.N1	01-AUG-2008 20:13:02	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33577	No
230	GOM_NL__2PRFIN20080801_201829_000000432070_00458_33578_2222.N1	01-AUG-2008 20:18:29	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33578	No
231	GOM_NL__2PRFIN20080801_202516_000000452070_00458_33578_2223.N1	01-AUG-2008 20:25:16	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	33578	No
232	GOM_NL__2PRFIN20080801_202838_000000502070_00458_33578_2224.N1	01-AUG-2008 20:28:38	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	33578	No
233	GOM_NL__2PRFIN20080801_203146_000000442070_00458_33578_2225.N1	01-AUG-2008 20:31:46	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33578	No
234	GOM_NL__2PRFIN20080801_204729_000000382070_00458_33578_2226.N1	01-AUG-2008 20:47:29	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33578	No
235	GOM_NL__2PRFIN20080801_204857_000000352070_00458_33578_2227.N1	01-AUG-2008 20:48:57	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33578	No
236	GOM_NL__2PRFIN20080801_205602_000000342070_00458_33578_2228.N1	01-AUG-2008 20:56:02	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	33578	No
237	GOM_NL__2PRFIN20080801_205803_000000372070_00458_33578_2229.N1	01-AUG-2008 20:58:03	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33578	No
238	GOM_NL__2PRFIN20080801_210435_000000402070_00458_33578_2230.N1	01-AUG-2008 21:04:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	33578	No
239	GOM_NL__2PRFIN20080801_211032_000000362070_00458_33578_2231.N1	01-AUG-2008 21:10:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33578	No
240	GOM_NL__2PRFIN20080801_212312_000000412070_00458_33578_2232.N1	01-AUG-2008 21:23:12	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33578	No
241	GOM_NL__2PRFIN20080801_212539_000000342070_00458_33578_2233.N1	01-AUG-2008 21:25:39	Bright	34.000	107	37The Aur	2.6490	11000.	68	33578	No
242	GOM_NL__2PRFIN20080801_212828_000000442070_00458_33578_2234.N1	01-AUG-2008 21:28:28	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33578	No
243	GOM_NL__2PRFIN20080801_213034_000000392070_00458_33578_2235.N1	01-AUG-2008 21:30:34	Twilight	38.500	176	23Zet Tau	3.0200	22000.	77	33578	No
244	GOM_NL__2PRFIN20080801_213414_000000532070_00458_33578_2236.N1	01-AUG-2008 21:34:14	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33578	No
245	GOM_NL__2PRFIN20080801_213701_000000422070_00458_33578_2237.N1	01-AUG-2008 21:37:01	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33578	No
246	GOM_NL__2PRFIN20080801_213931_000000492070_00458_33578_2238.N1	01-AUG-2008 21:39:31	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	33578	No
247	GOM_NL__2PRFIN20080801_214141_000000442070_00458_33578_2239.N1	01-AUG-2008 21:41:41	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	33578	No
248	GOM_NL__2PRFIN20080801_214552_000000392070_00458_33578_2240.N1	01-AUG-2008 21:45:52	Dark	38.500	108	Alp Col	2.6520	15200.	77	33578	No
249	GOM_NL__2PRFIN20080801_215339_000000472070_00458_33578_2241.N1	01-AUG-2008 21:53:39	Dark	47.000	157	The1Eri	2.9060	9300.0	94	33578	No
250	GOM_NL__2PRFIN20080801_233942_000000522070_00460_33580_2285.N1	01-AUG-2008 23:39:42	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33580	No
251	GOM_NL__2PRFIN20080801_234133_000000372070_00460_33580_2286.N1	01-AUG-2008 23:41:33	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33580	No
252	GOM_NL__2PRFIN20080801_234629_000000432070_00460_33580_2287.N1	01-AUG-2008 23:46:29	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33580	No
253	GOM_NL__2PRFIN20080801_234951_000000502070_00460_33580_2288.N1	01-AUG-2008 23:49:51	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	33580	No
254	GOM_NL__2PRFIN20080801_235759_000000432070_00460_33580_2289.N1	01-AUG-2008 23:57:59	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	33580	No

3. Quality information per product

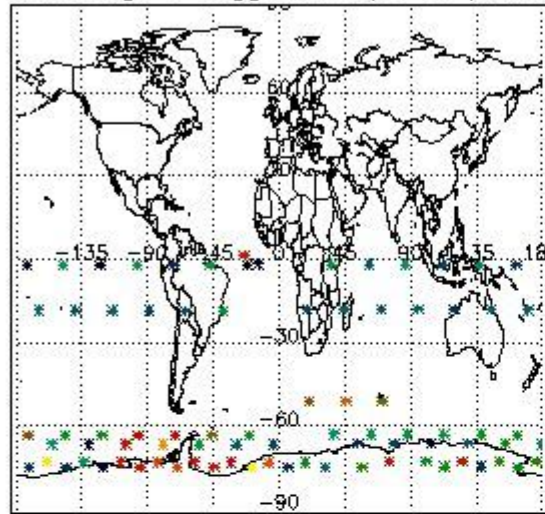
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

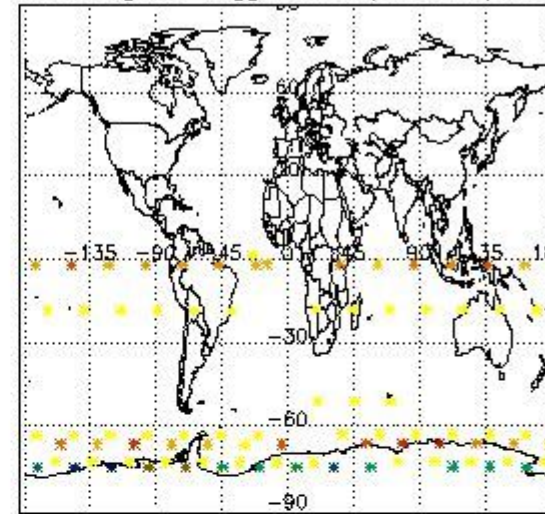


3.2 Plot quality information per product (world map)

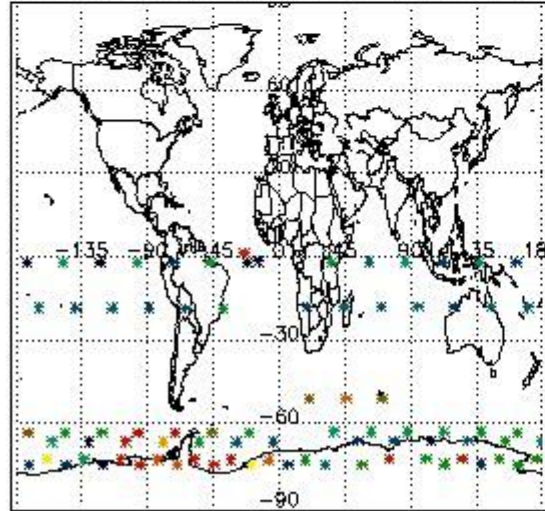
Percentage of flagged data per O3 profile



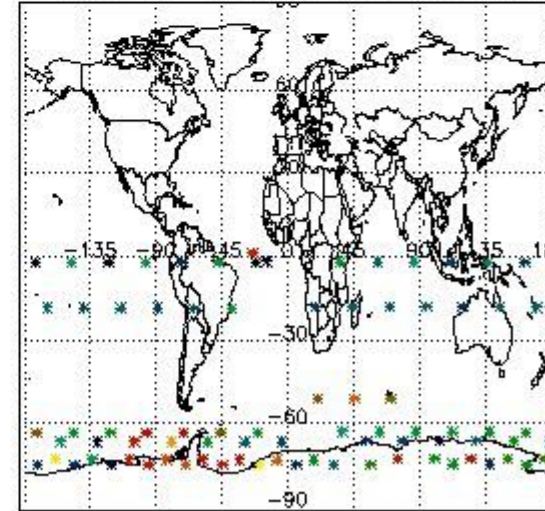
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

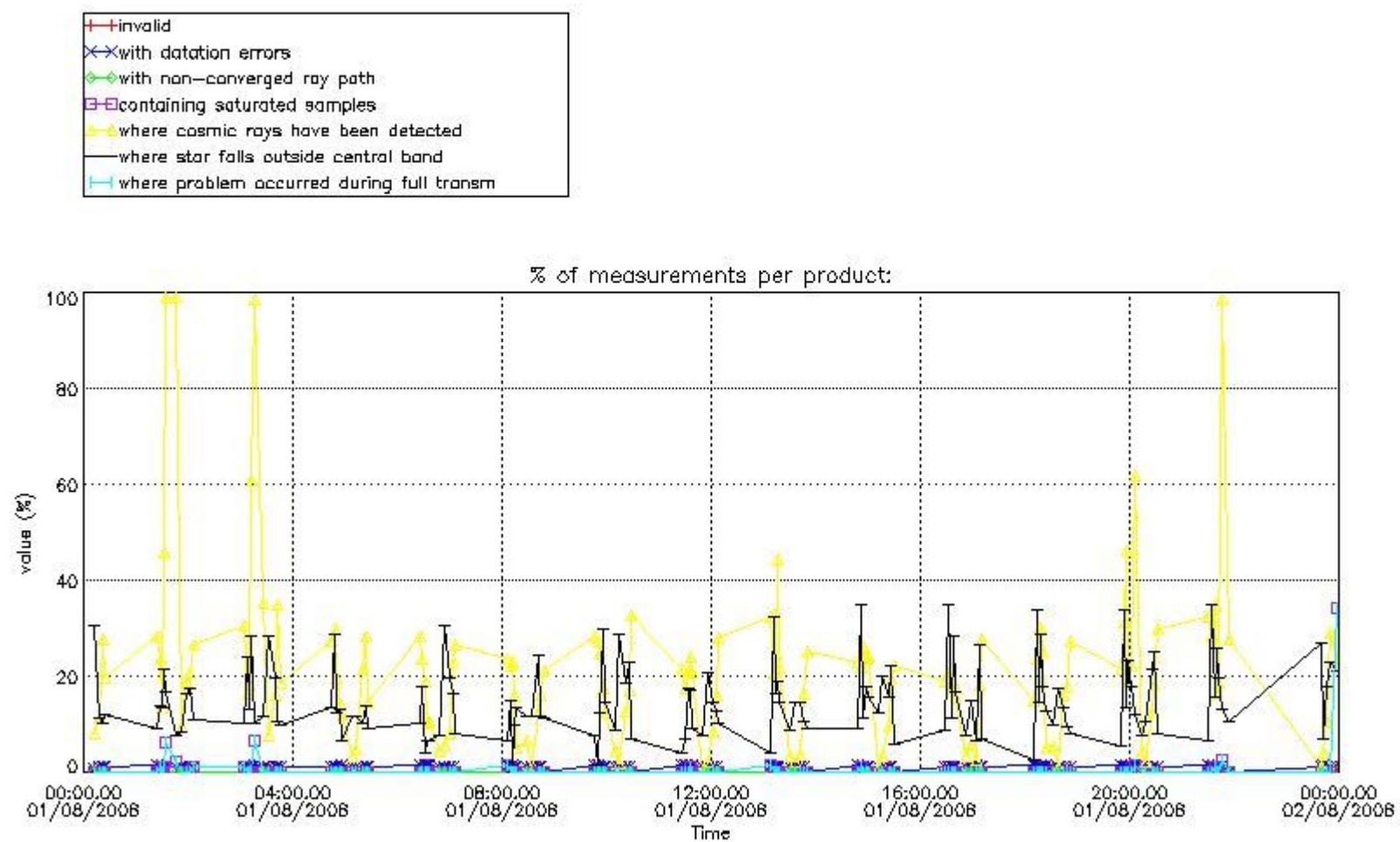


4. Level 1 quality information per product

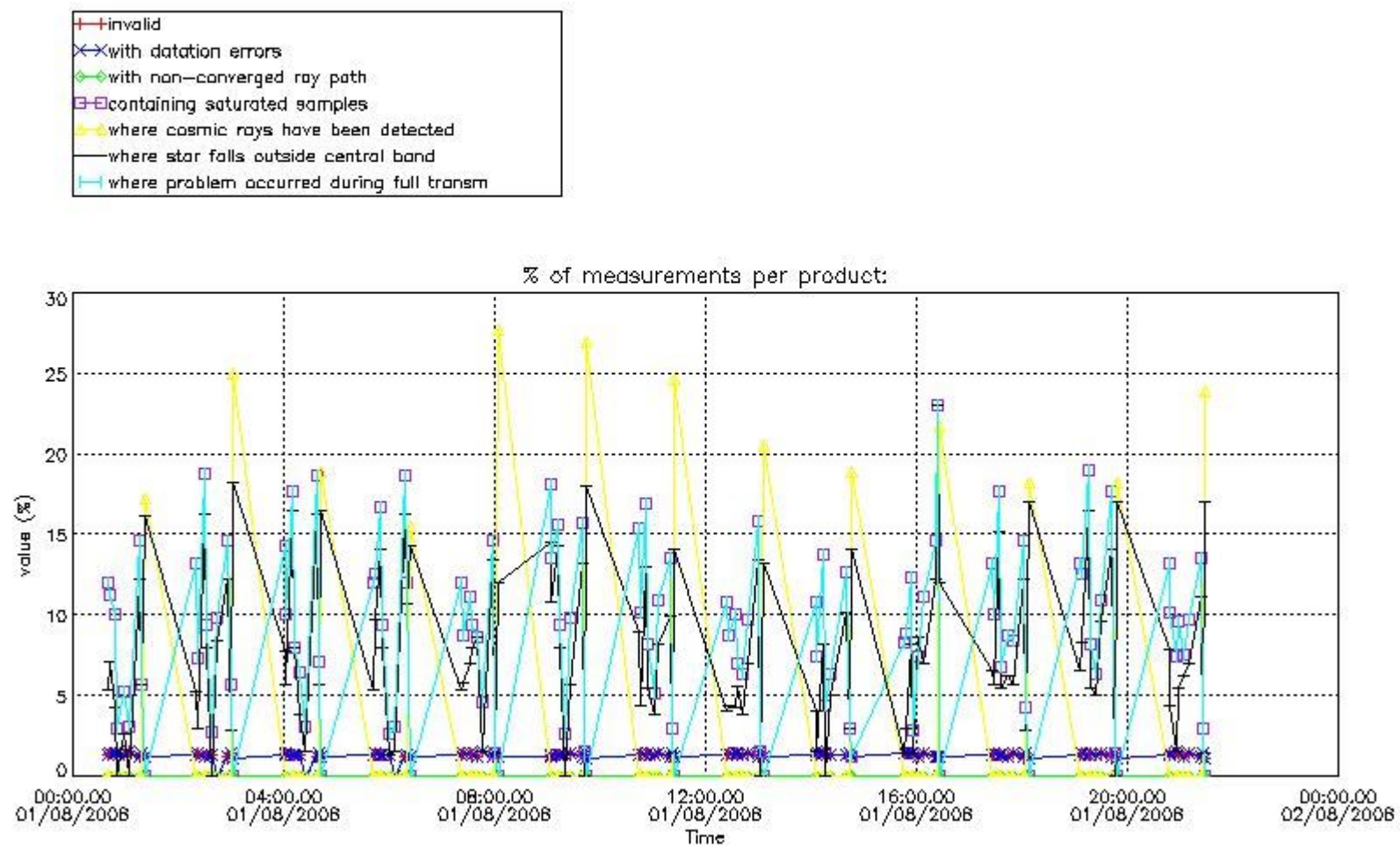
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



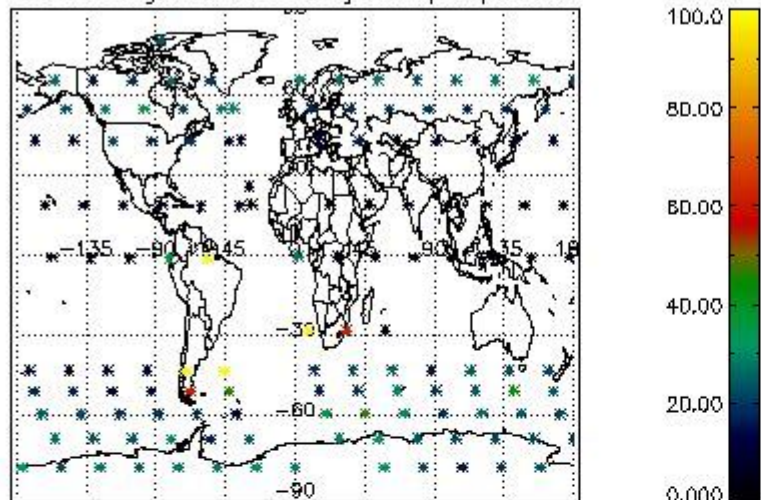
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



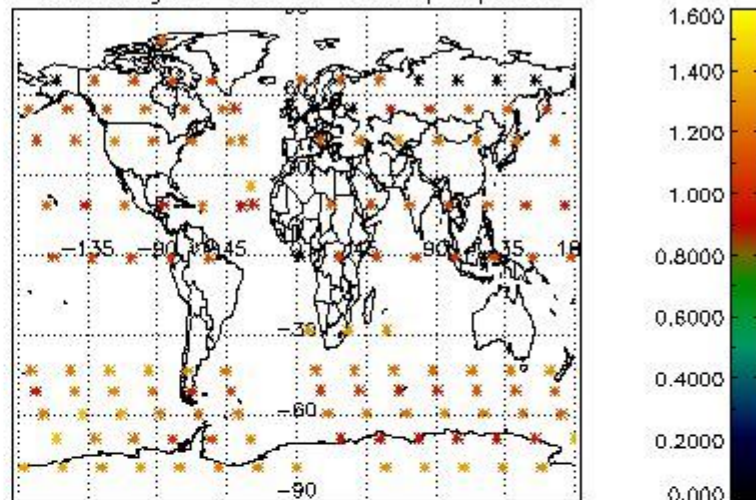
4.2 Plot quality information per product coming from level 1b processing (world map)

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

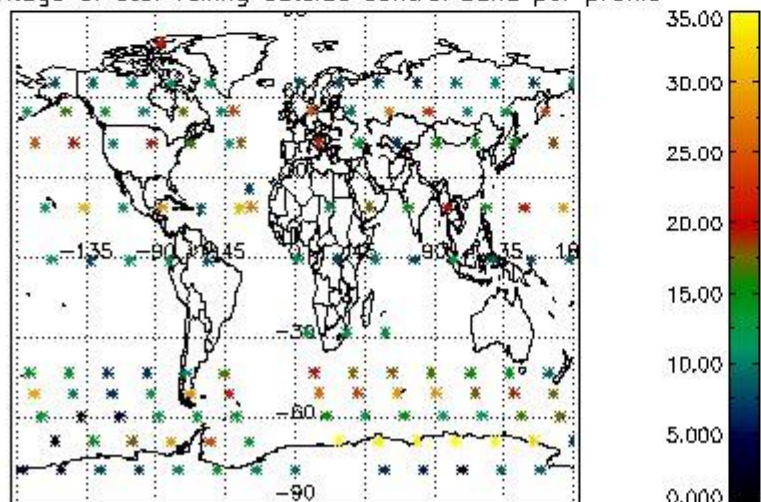
Percentage of cosmic ray hits per profile



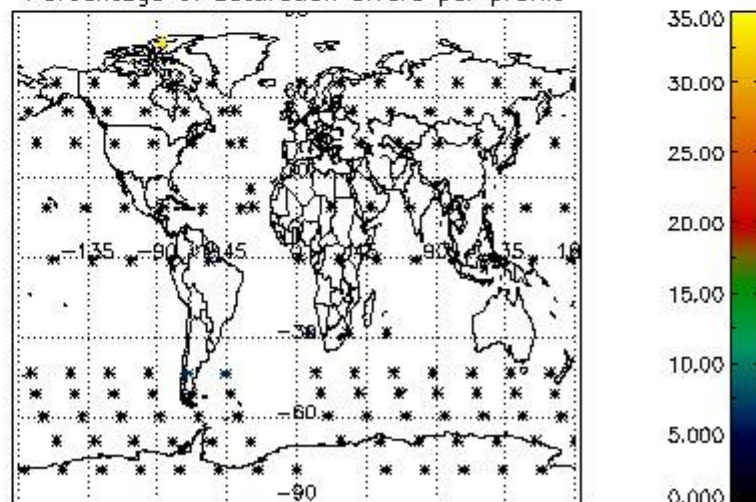
Percentage of datation errors per profile



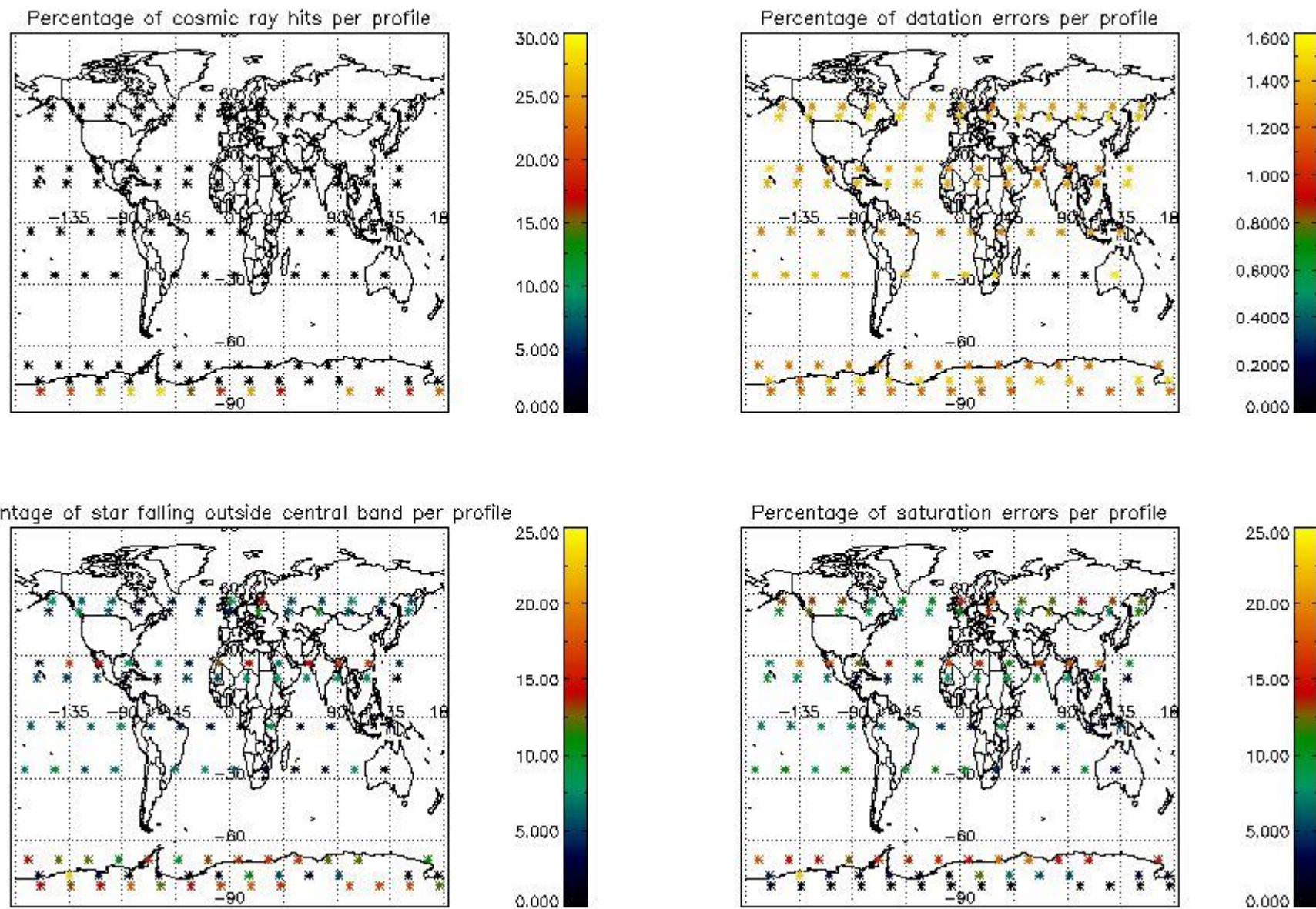
Percentage of star falling outside central band per profile



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

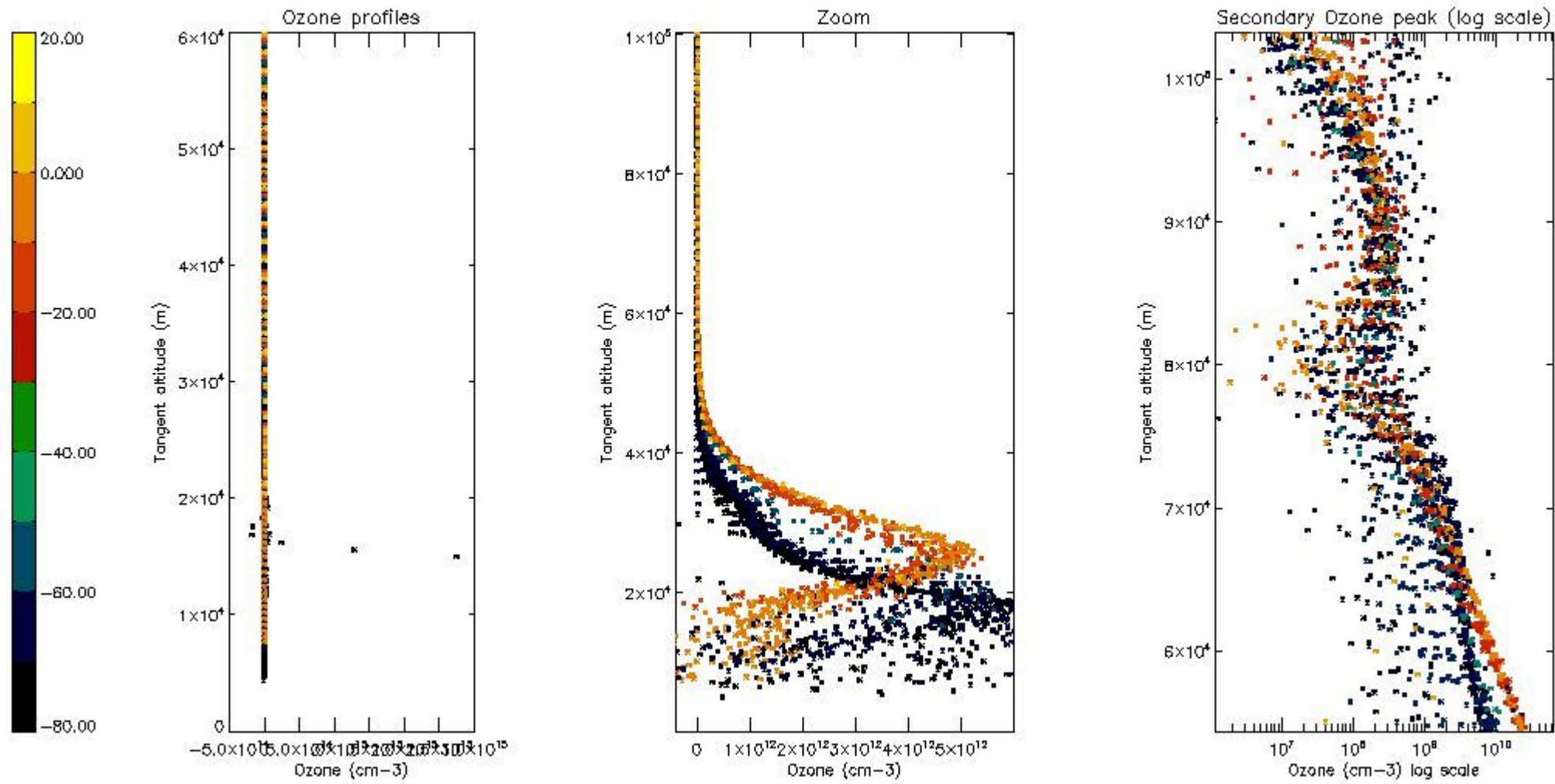
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	19

STD < 10	14
STD < 5	10

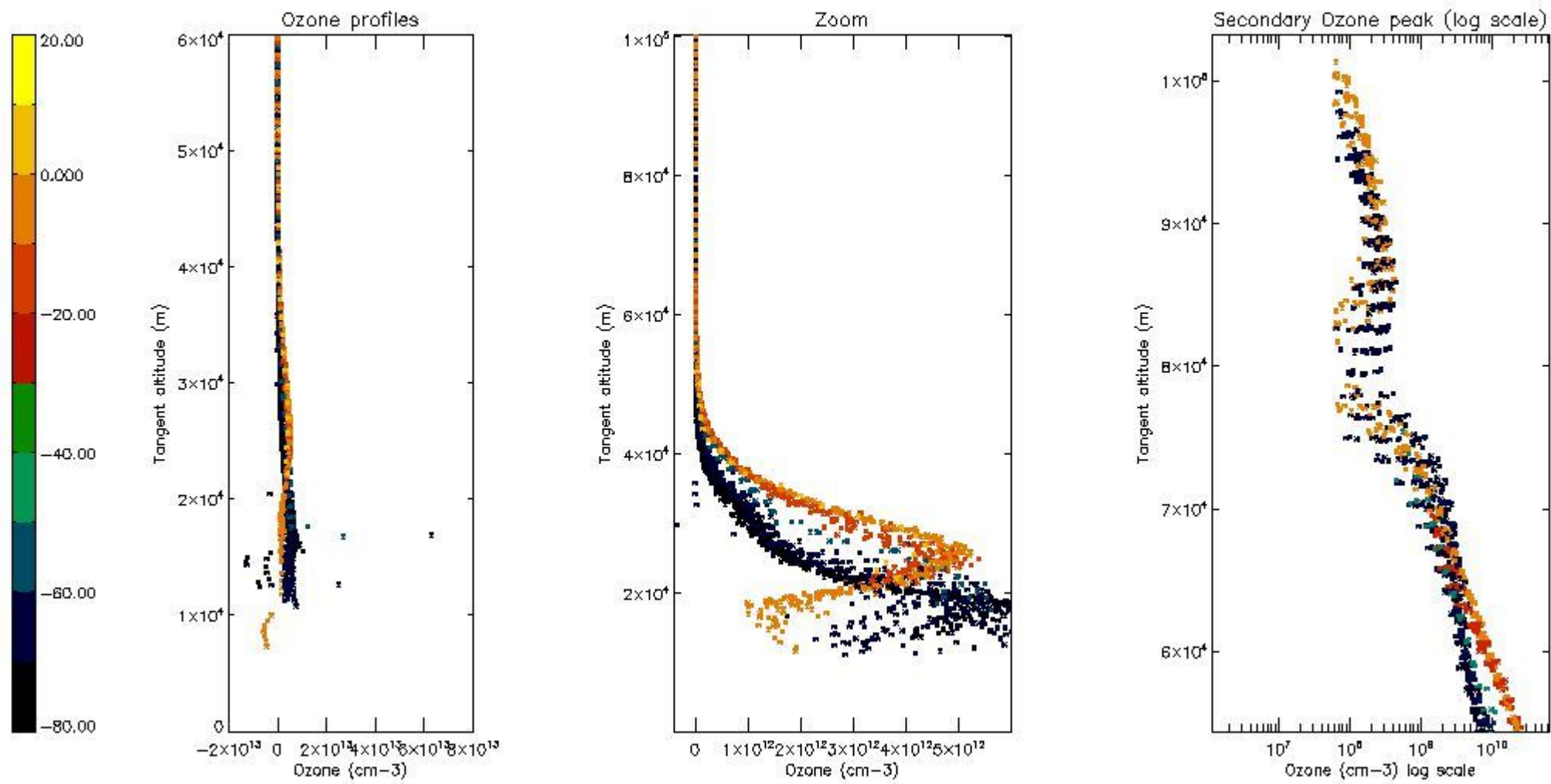
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



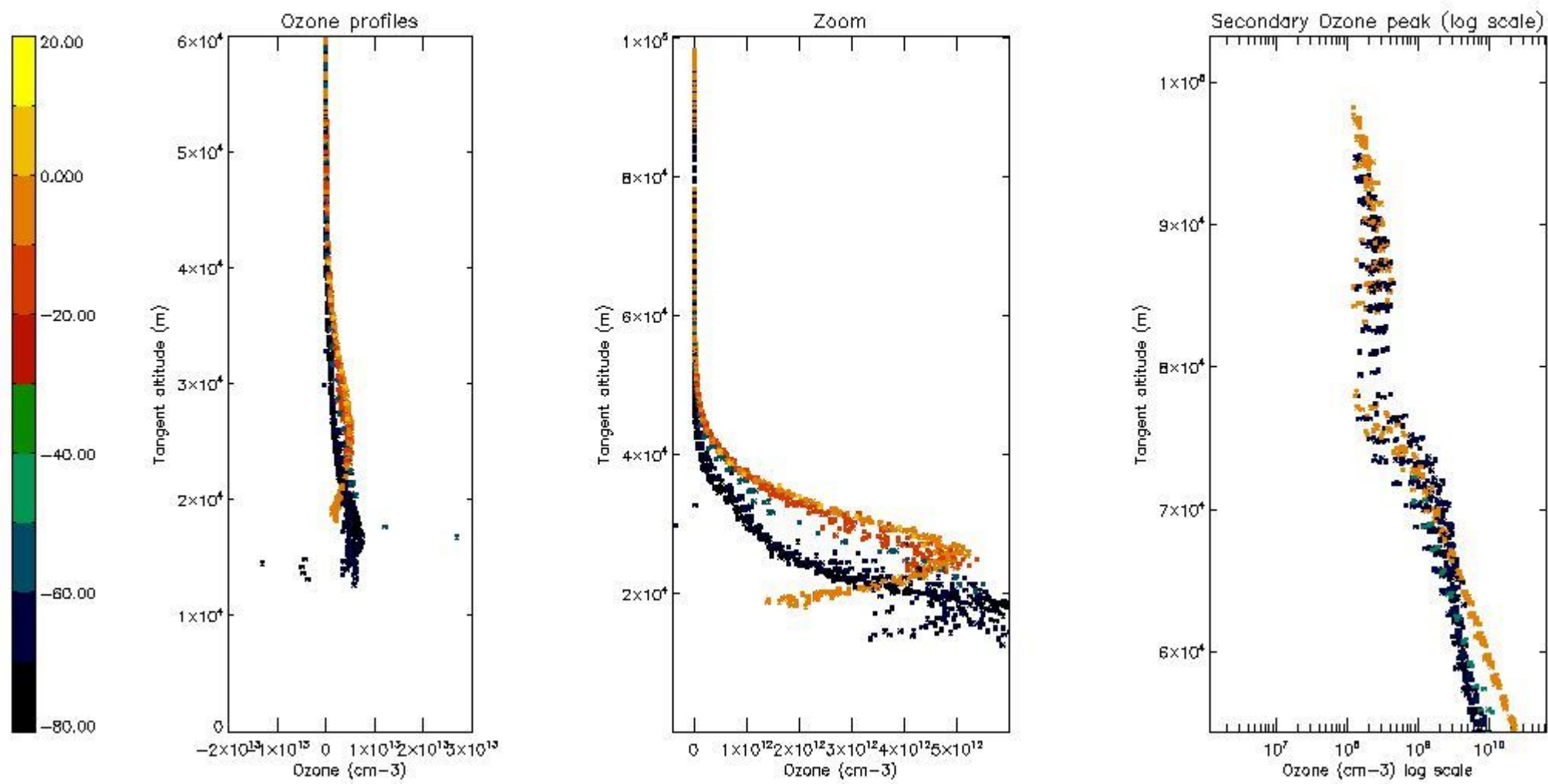
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



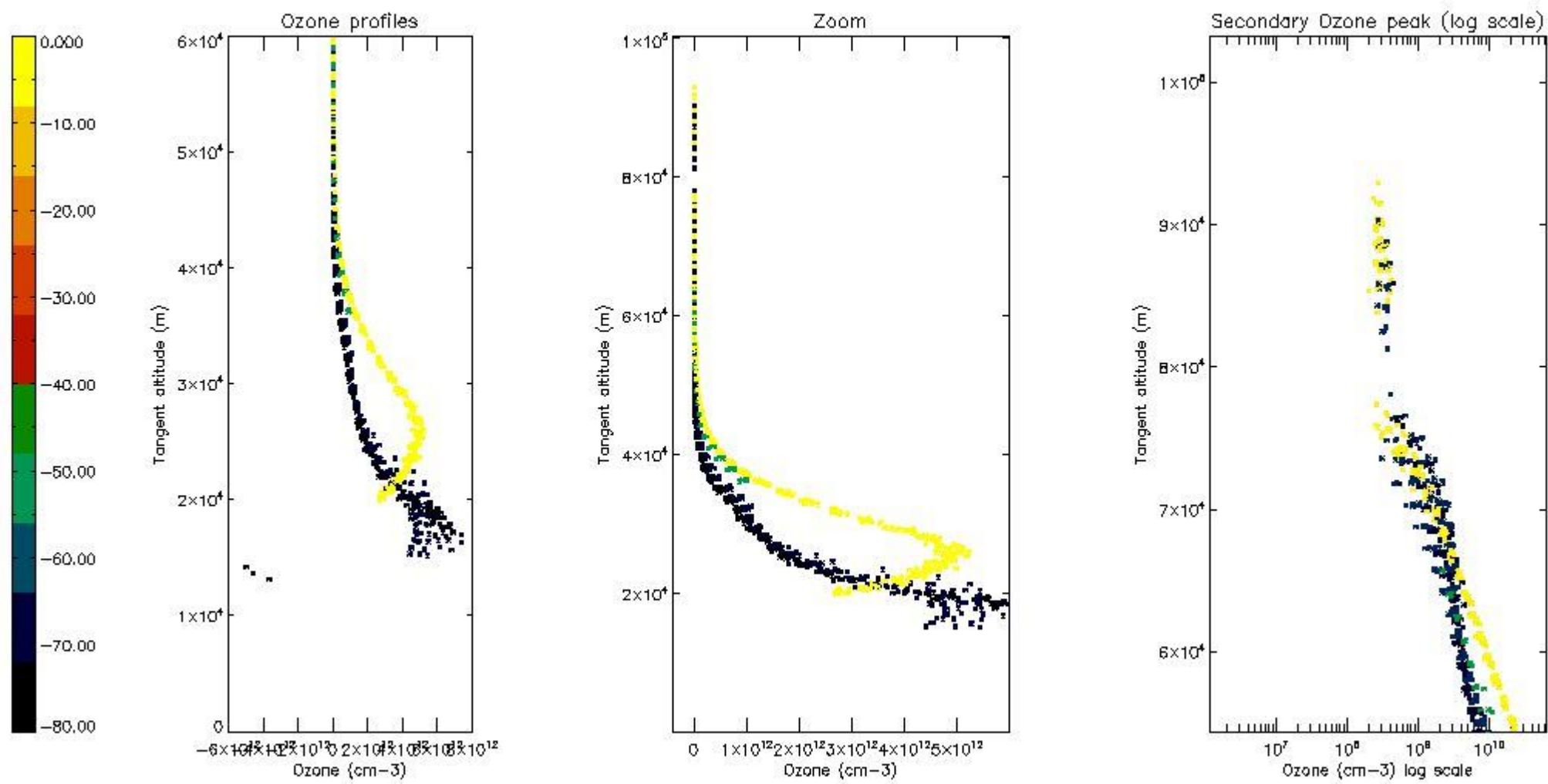
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



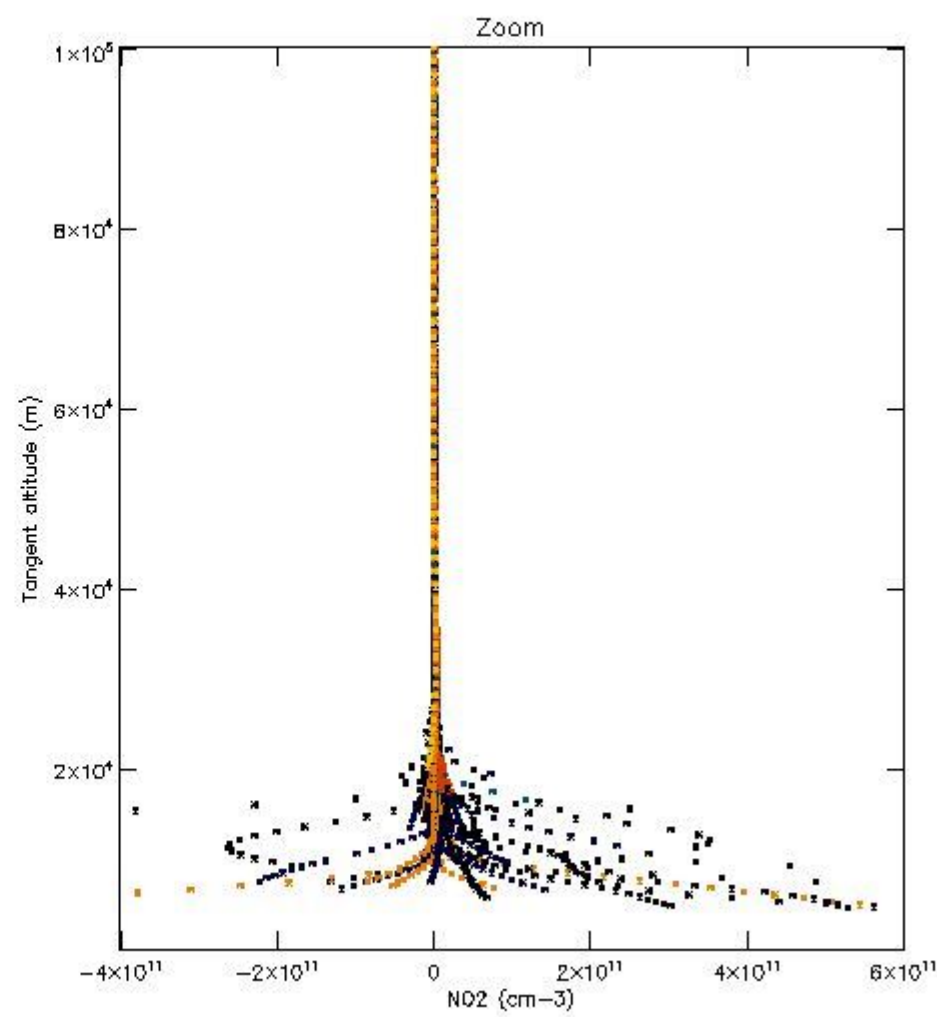
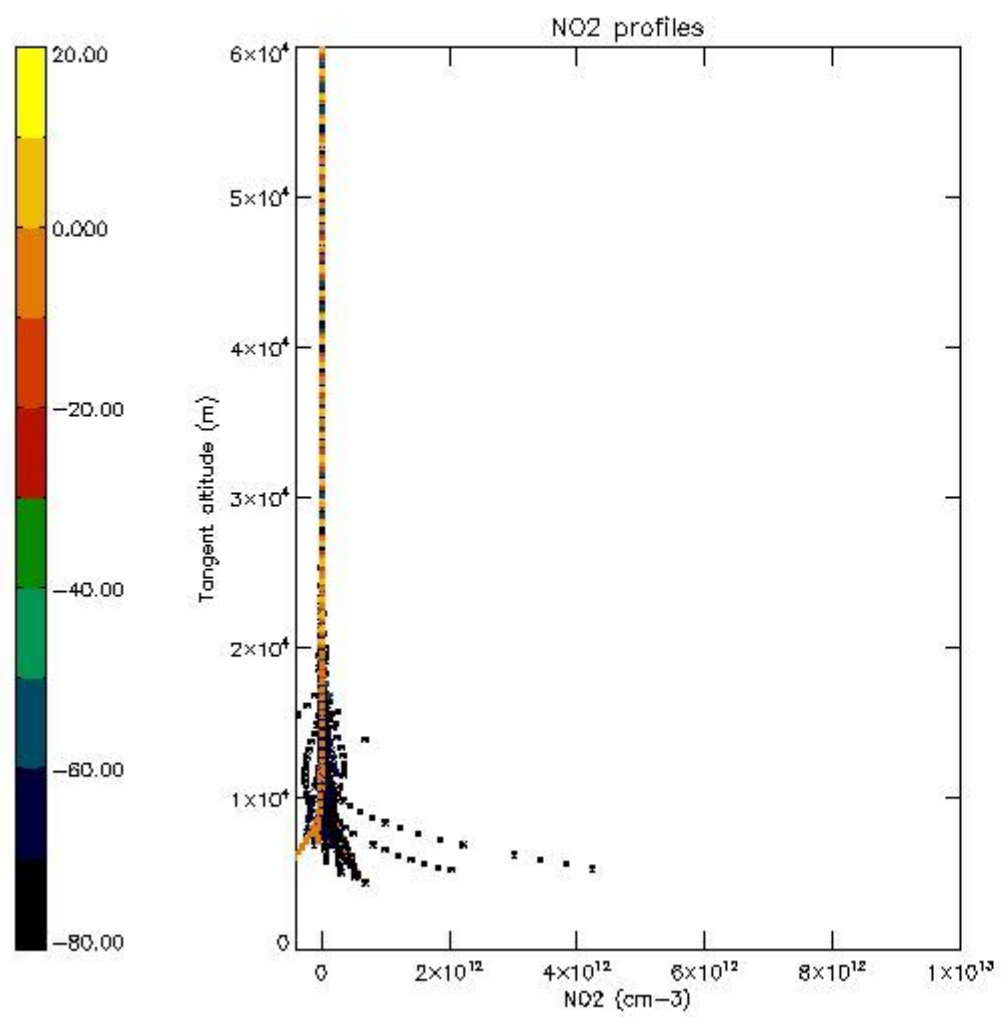
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



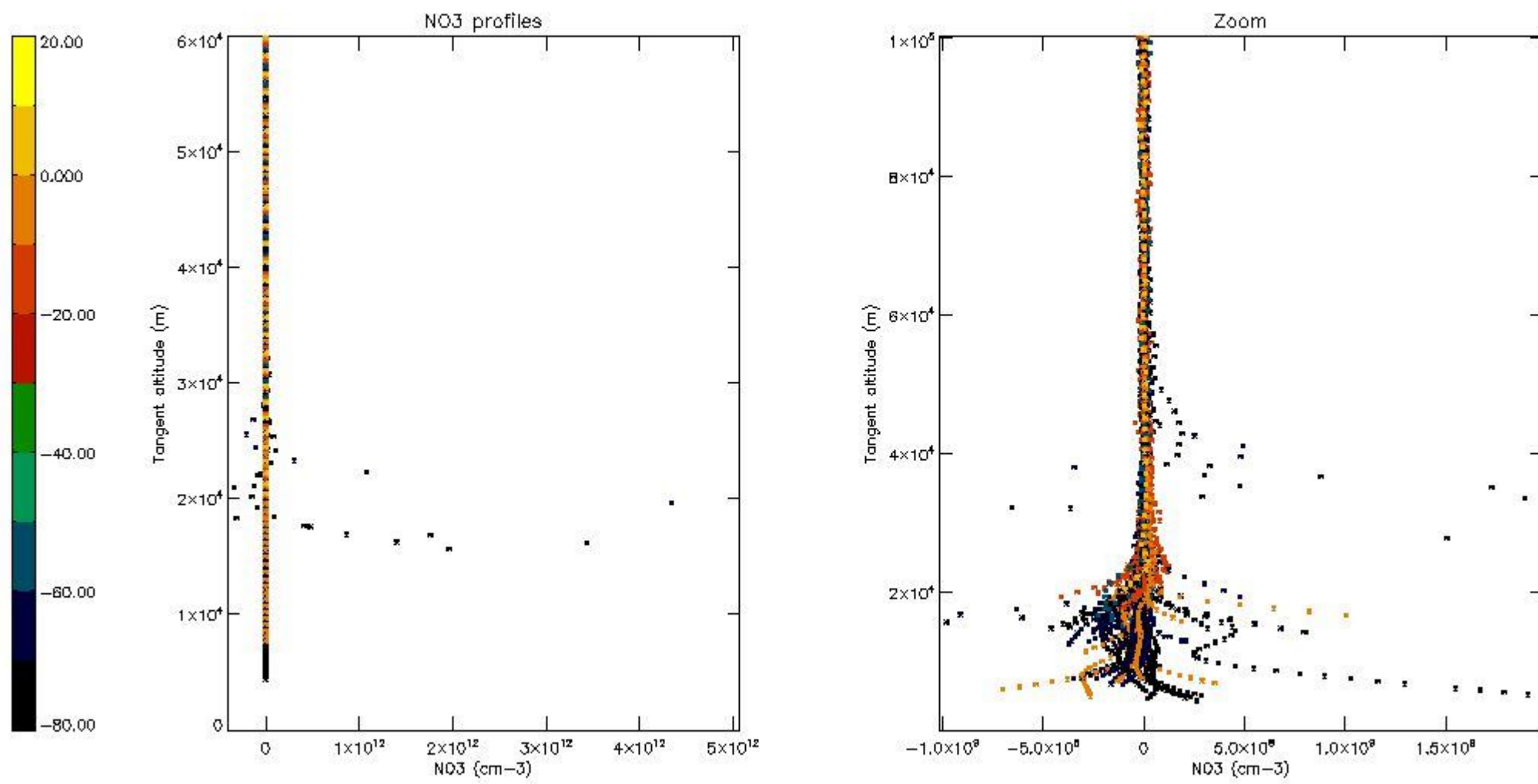
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



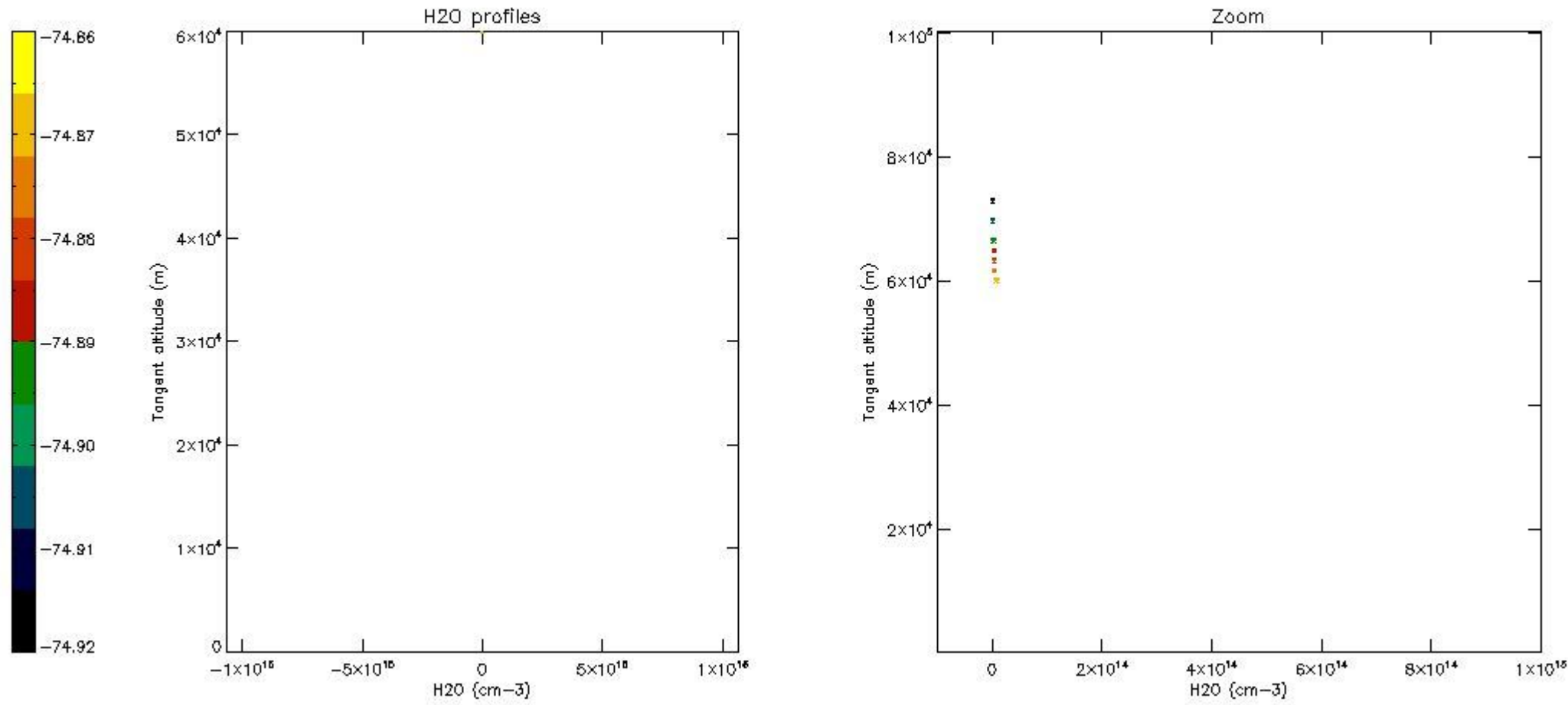
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-AUG-2008 00:11:09
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-AUG-2008 00:11:09
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-AUG-2008 00:11:09

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 18:18:40
Data source version	GOMOS/6.01
Start time of products	01-08-2008 (01AUG2008 00:00:00)
Stop time of products	02-08-2008 (02AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	254
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__2PRFIN20080801_001109_000000562070_00446_33566_1941.N1	01-AUG-2008 00:11:09	Dark	55.500	9	Alp Eri	0.45300	24000.	111	33566	No
2	GOM_NL__2PRFIN20080801_001800_000000402070_00446_33566_1942.N1	01-AUG-2008 00:18:00	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33566	No
3	GOM_NL__2PRFIN20080801_002121_000000442070_00446_33566_1943.N1	01-AUG-2008 00:21:21	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33566	No
4	GOM_NL__2PRFIN20080801_002429_000000462070_00446_33566_1944.N1	01-AUG-2008 00:24:29	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	33566	No
5	GOM_NL__2PRFIN20080801_004019_000000382070_00446_33566_1945.N1	01-AUG-2008 00:40:19	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	33566	No
6	GOM_NL__2PRFIN20080801_004145_000000362070_00446_33566_1946.N1	01-AUG-2008 00:41:45	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33566	No
7	GOM_NL__2PRFIN20080801_004850_000000352070_00446_33566_1947.N1	01-AUG-2008 00:48:50	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	33566	No
8	GOM_NL__2PRFIN20080801_005054_000000342070_00446_33566_1948.N1	01-AUG-2008 00:50:54	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33566	No
9	GOM_NL__2PRFIN20080801_005729_000000392070_00446_33566_1949.N1	01-AUG-2008 00:57:29	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	33566	No
10	GOM_NL__2PRFIN20080801_010321_000000332070_00446_33566_1950.N1	01-AUG-2008 01:03:21	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33566	No
11	GOM_NL__2PRFIN20080801_011601_000000412070_00446_33566_1951.N1	01-AUG-2008 01:16:01	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33566	No
12	GOM_NL__2PRFIN20080801_011826_000000362070_00446_33566_1952.N1	01-AUG-2008 01:18:26	Bright	35.500	107	37The Aur	2.6490	11000.	71	33566	No
13	GOM_NL__2PRFIN20080801_012115_000000442070_00446_33566_1953.N1	01-AUG-2008 01:21:15	Bright	43.500	28	12Bet Tau	1.6500	15200.	87	33566	No
14	GOM_NL__2PRFIN20080801_012320_000000392070_00446_33566_1954.N1	01-AUG-2008 01:23:20	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	33566	No
15	GOM_NL__2PRFIN20080801_012700_000000402070_00446_33566_1955.N1	01-AUG-2008 01:27:00	Dark	40.000	14	58Alp Ori	0.87000	3000.0	80	33566	No
16	GOM_NL__2PRFIN20080801_012946_000000412070_00446_33566_1956.N1	01-AUG-2008 01:29:46	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33566	No
17	GOM_NL__2PRFIN20080801_013214_000000472070_00446_33566_1957.N1	01-AUG-2008 01:32:14	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	33566	No
18	GOM_NL__2PRFIN20080801_013425_000000422070_00446_33566_1958.N1	01-AUG-2008 01:34:25	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33566	No
19	GOM_NL__2PRFIN20080801_014616_000000462070_00446_33566_1959.N1	01-AUG-2008 01:46:16	Dark	45.500	157	The1Eri	2.9060	9300.0	91	33566	No
20	GOM_NL__2PRFIN20080801_015146_000000422070_00447_33567_1963.N1	01-AUG-2008 01:51:46	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33567	No
21	GOM_NL__2PRFIN20080801_015836_000000432070_00447_33567_1964.N1	01-AUG-2008 01:58:36	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33567	No
22	GOM_NL__2PRFIN20080801_020157_000000462070_00447_33567_1965.N1	01-AUG-2008 02:01:57	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	33567	No
23	GOM_NL__2PRFIN20080801_020505_000000462070_00447_33567_1966.N1	01-AUG-2008 02:05:05	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	33567	No
24	GOM_NL__2PRFIN20080801_022055_000000382070_00447_33567_1967.N1	01-AUG-2008 02:20:55	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33567	No
25	GOM_NL__2PRFIN20080801_022221_000000342070_00447_33567_1968.N1	01-AUG-2008 02:22:21	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33567	No
26	GOM_NL__2PRFIN20080801_022926_000000402070_00447_33567_1969.N1	01-AUG-2008 02:29:26	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	33567	No
27	GOM_NL__2PRFIN20080801_023130_000000382070_00447_33567_1970.N1	01-AUG-2008 02:31:30	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33567	No
28	GOM_NL__2PRFIN20080801_023805_000000372070_00447_33567_1971.N1	01-AUG-2008 02:38:05	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33567	No
29	GOM_NL__2PRFIN20080801_024356_000000362070_00447_33567_1972.N1	01-AUG-2008 02:43:56	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33567	No
30	GOM_NL__2PRFIN20080801_025637_000000412070_00447_33567_1973.N1	01-AUG-2008 02:56:37	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33567	No
31	GOM_NL__2PRFIN20080801_025902_000000352070_00447_33567_1974.N1	01-AUG-2008 02:59:02	Bright	35.000	107	37The Aur	2.6490	11000.	70	33567	No
32	GOM_NL__2PRFIN20080801_030151_000000442070_00447_33567_1975.N1	01-AUG-2008 03:01:51	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33567	No
33	GOM_NL__2PRFIN20080801_030356_000000402070_00447_33567_1976.N1	01-AUG-2008 03:03:56	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	33567	No
34	GOM_NL__2PRFIN20080801_030736_000000462070_00447_33567_1977.N1	01-AUG-2008 03:07:36	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	33567	No
35	GOM_NL__2PRFIN20080801_031022_000000422070_00447_33567_1978.N1	01-AUG-2008 03:10:22	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33567	No
36	GOM_NL__2PRFIN20080801_031251_000000512070_00447_33567_1979.N1	01-AUG-2008 03:12:51	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	33567	No
37	GOM_NL__2PRFIN20080801_031501_000000392070_00447_33567_1980.N1	01-AUG-2008 03:15:01	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	33567	No
38	GOM_NL__2PRFIN20080801_032653_000000472070_00447_33567_1981.N1	01-AUG-2008 03:26:53	Dark	47.000	157	The1Eri	2.9060	9300.0	94	33567	No
39	GOM_NL__2PRFIN20080801_033222_000000532070_00448_33568_1983.N1	01-AUG-2008 03:32:22	Dark	53.000	9	Alp Eri	0.45300	24000.	106	33568	No
40	GOM_NL__2PRFIN20080801_033912_000000442070_00448_33568_1984.N1	01-AUG-2008 03:39:12	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33568	No
41	GOM_NL__2PRFIN20080801_034234_000000432070_00448_33568_1985.N1	01-AUG-2008 03:42:34	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33568	No
42	GOM_NL__2PRFIN20080801_034542_000000462070_00448_33568_1986.N1	01-AUG-2008 03:45:42	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	33568	No

43	GOM_NL__2PRFIN20080801_040131_000000392070_00448_33568_1987.N1	01-AUG-2008 04:01:31	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	33568	No
44	GOM_NL__2PRFIN20080801_040257_000000352070_00448_33568_1988.N1	01-AUG-2008 04:02:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33568	No
45	GOM_NL__2PRFIN20080801_041002_000000402070_00448_33568_1989.N1	01-AUG-2008 04:10:02	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33568	No
46	GOM_NL__2PRFIN20080801_041205_000000382070_00448_33568_1990.N1	01-AUG-2008 04:12:05	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33568	No
47	GOM_NL__2PRFIN20080801_041840_000000392070_00448_33568_1991.N1	01-AUG-2008 04:18:40	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	33568	No
48	GOM_NL__2PRFIN20080801_042432_000000332070_00448_33568_1992.N1	01-AUG-2008 04:24:32	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33568	No
49	GOM_NL__2PRFIN20080801_043713_000000432070_00448_33568_1993.N1	01-AUG-2008 04:37:13	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33568	No
50	GOM_NL__2PRFIN20080801_043939_000000362070_00448_33568_1994.N1	01-AUG-2008 04:39:39	Bright	35.500	107	37The Aur	2.6490	11000.	71	33568	No
51	GOM_NL__2PRFIN20080801_044227_000000432070_00448_33568_1995.N1	01-AUG-2008 04:42:27	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	33568	No
52	GOM_NL__2PRFIN20080801_044432_000000412070_00448_33568_1996.N1	01-AUG-2008 04:44:32	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	33568	No
53	GOM_NL__2PRFIN20080801_044812_000000492070_00448_33568_1997.N1	01-AUG-2008 04:48:12	Dark	48.500	14	58Alp Ori	0.87000	3000.0	97	33568	No
54	GOM_NL__2PRFIN20080801_045058_000000412070_00448_33568_1998.N1	01-AUG-2008 04:50:58	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33568	No
55	GOM_NL__2PRFIN20080801_045327_000000422070_00448_33568_1999.N1	01-AUG-2008 04:53:27	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	33568	No
56	GOM_NL__2PRFIN20080801_045538_000000382070_00448_33568_2000.N1	01-AUG-2008 04:55:38	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	33568	No
57	GOM_NL__2PRFIN20080801_050730_000000482070_00448_33568_2001.N1	01-AUG-2008 05:07:30	Dark	47.500	157	The1Eri	2.9060	9300.0	95	33568	No
58	GOM_NL__2PRFIN20080801_051259_000000432070_00449_33569_2003.N1	01-AUG-2008 05:12:59	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33569	No
59	GOM_NL__2PRFIN20080801_051949_000000402070_00449_33569_2004.N1	01-AUG-2008 05:19:49	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33569	No
60	GOM_NL__2PRFIN20080801_052310_000000442070_00449_33569_2005.N1	01-AUG-2008 05:23:10	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	33569	No
61	GOM_NL__2PRFIN20080801_052619_000000452070_00449_33569_2006.N1	01-AUG-2008 05:26:19	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	33569	No
62	GOM_NL__2PRFIN20080801_054207_000000382070_00449_33569_2007.N1	01-AUG-2008 05:42:07	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	33569	No
63	GOM_NL__2PRFIN20080801_054333_000000362070_00449_33569_2008.N1	01-AUG-2008 05:43:33	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33569	No
64	GOM_NL__2PRFIN20080801_055038_000000392070_00449_33569_2009.N1	01-AUG-2008 05:50:38	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	33569	No
65	GOM_NL__2PRFIN20080801_055241_000000382070_00449_33569_2010.N1	01-AUG-2008 05:52:41	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33569	No
66	GOM_NL__2PRFIN20080801_055916_000000382070_00449_33569_2011.N1	01-AUG-2008 05:59:16	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	33569	No
67	GOM_NL__2PRFIN20080801_060508_000000332070_00449_33569_2012.N1	01-AUG-2008 06:05:08	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33569	No
68	GOM_NL__2PRFIN20080801_061749_000000432070_00449_33569_2013.N1	01-AUG-2008 06:17:49	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	33569	No
69	GOM_NL__2PRFIN20080801_062015_000000382070_00449_33569_2014.N1	01-AUG-2008 06:20:15	Bright	37.500	107	37The Aur	2.6490	11000.	75	33569	No
70	GOM_NL__2PRFIN20080801_062303_000000422070_00449_33569_2015.N1	01-AUG-2008 06:23:03	Bright	42.000	28	12Bet Tau	1.6500	15200.	84	33569	No
71	GOM_NL__2PRFIN20080801_062508_000000392070_00449_33569_2016.N1	01-AUG-2008 06:25:08	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	33569	No
72	GOM_NL__2PRFIN20080801_062849_000000422070_00449_33569_2017.N1	01-AUG-2008 06:28:49	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	33569	No
73	GOM_NL__2PRFIN20080801_063135_000000372070_00449_33569_2018.N1	01-AUG-2008 06:31:35	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	33569	No
74	GOM_NL__2PRFIN20080801_063404_000000392070_00449_33569_2019.N1	01-AUG-2008 06:34:04	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	33569	No
75	GOM_NL__2PRFIN20080801_063614_000000382070_00449_33569_2020.N1	01-AUG-2008 06:36:14	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	33569	No
76	GOM_NL__2PRFIN20080801_064807_000000462070_00449_33569_2021.N1	01-AUG-2008 06:48:07	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33569	No
77	GOM_NL__2PRFIN20080801_065336_000000542070_00450_33570_2037.N1	01-AUG-2008 06:53:36	Dark	54.000	9	Alp Eri	0.45300	24000.	108	33570	No
78	GOM_NL__2PRFIN20080801_070025_000000442070_00450_33570_2038.N1	01-AUG-2008 07:00:25	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33570	No
79	GOM_NL__2PRFIN20080801_070347_000000462070_00450_33570_2039.N1	01-AUG-2008 07:03:47	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	33570	No
80	GOM_NL__2PRFIN20080801_070655_000000442070_00450_33570_2040.N1	01-AUG-2008 07:06:55	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33570	No
81	GOM_NL__2PRFIN20080801_072243_000000382070_00450_33570_2041.N1	01-AUG-2008 07:22:43	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	33570	No
82	GOM_NL__2PRFIN20080801_072409_000000352070_00450_33570_2042.N1	01-AUG-2008 07:24:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33570	No
83	GOM_NL__2PRFIN20080801_073114_000000362070_00450_33570_2043.N1	01-AUG-2008 07:31:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	33570	No
84	GOM_NL__2PRFIN20080801_073317_000000382070_00450_33570_2044.N1	01-AUG-2008 07:33:17	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33570	No
85	GOM_NL__2PRFIN20080801_073951_000000412070_00450_33570_2045.N1	01-AUG-2008 07:39:51	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	33570	No
86	GOM_NL__2PRFIN20080801_074544_000000332070_00450_33570_2046.N1	01-AUG-2008 07:45:44	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33570	No
87	GOM_NL__2PRFIN20080801_075825_000000412070_00450_33570_2047.N1	01-AUG-2008 07:58:25	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33570	No
88	GOM_NL__2PRFIN20080801_080051_000000342070_00450_33570_2048.N1	01-AUG-2008 08:00:51	Bright	34.000	107	37The Aur	2.6490	11000.	68	33570	No
89	GOM_NL__2PRFIN20080801_080339_000000422070_00450_33570_2049.N1	01-AUG-2008 08:03:39	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	33570	No
90	GOM_NL__2PRFIN20080801_080544_000000382070_00450_33570_2050.N1	01-AUG-2008 08:05:44	Tw_i_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	33570	No
91	GOM_NL__2PRFIN20080801_080925_000000412070_00450_33570_2051.N1	01-AUG-2008 08:09:25	Dark	40.500	14	58Alp Ori	0.87000	3000.0	81	33570	No
92	GOM_NL__2PRFIN20080801_081211_000000352070_00450_33570_2052.N1	01-AUG-2008 08:12:11	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	33570	No
93	GOM_NL__2PRFIN20080801_081440_000000412070_00450_33570_2053.N1	01-AUG-2008 08:14:40	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	33570	No
94	GOM_NL__2PRFIN20080801_081650_000000412070_00450_33570_2054.N1	01-AUG-2008 08:16:50	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	33570	No
95	GOM_NL__2PRFIN20080801_082844_000000472070_00450_33570_2055.N1	01-AUG-2008 08:28:44	Dark	47.000	157	The1Eri	2.9060	9300.0	94	33570	No
96	GOM_NL__2PRFIN20080801_083412_000000432070_00451_33571_2059.N1	01-AUG-2008 08:34:12	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33571	No
97	GOM_NL__2PRFIN20080801_084102_000000472070_00451_33571_2060.N1	01-AUG-2008 08:41:02	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	33571	No
98	GOM_NL__2PRFIN20080801_084423_000000442070_00451_33571_2061.N1	01-AUG-2008 08:44:23	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33571	No
99	GOM_NL__2PRFIN20080801_084731_000000452070_00451_33571_2062.N1	01-AUG-2008 08:47:31	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	33571	No
100	GOM_NL__2PRFIN20080801_090318_000000422070_00451_33571_2063.N1	01-AUG-2008 09:03:18	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	33571	No
101	GOM_NL__2PRFIN20080801_090445_000000372070_00451_33571_2064.N1	01-AUG-2008 09:04:45	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	33571	No

102	GOM_NL__2PRFIN20080801_091150_000000392070_00451_33571_2065.N1	01-AUG-2008 09:11:50	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33571	No
103	GOM_NL__2PRFIN20080801_091353_000000382070_00451_33571_2066.N1	01-AUG-2008 09:13:53	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	33571	No
104	GOM_NL__2PRFIN20080801_092027_000000382070_00451_33571_2067.N1	01-AUG-2008 09:20:27	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33571	No
105	GOM_NL__2PRFIN20080801_092620_000000362070_00451_33571_2068.N1	01-AUG-2008 09:26:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33571	No
106	GOM_NL__2PRFIN20080801_093900_000000422070_00451_33571_2069.N1	01-AUG-2008 09:39:00	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	33571	No
107	GOM_NL__2PRFIN20080801_094127_000000342070_00451_33571_2070.N1	01-AUG-2008 09:41:27	Bright	33.500	107	37The Aur	2.6490	11000.	67	33571	No
108	GOM_NL__2PRFIN20080801_094416_000000452070_00451_33571_2071.N1	01-AUG-2008 09:44:16	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	33571	No
109	GOM_NL__2PRFIN20080801_094621_000000392070_00451_33571_2072.N1	01-AUG-2008 09:46:21	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	33571	No
110	GOM_NL__2PRFIN20080801_095001_000000352070_00451_33571_2073.N1	01-AUG-2008 09:50:01	Dark	35.000	14	58Alp Ori	0.87000	3000.0	70	33571	No
111	GOM_NL__2PRFIN20080801_095247_000000412070_00451_33571_2074.N1	01-AUG-2008 09:52:47	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	33571	No
112	GOM_NL__2PRFIN20080801_095516_000000522070_00451_33571_2075.N1	01-AUG-2008 09:55:16	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	33571	No
113	GOM_NL__2PRFIN20080801_095727_000000412070_00451_33571_2076.N1	01-AUG-2008 09:57:27	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	33571	No
114	GOM_NL__2PRFIN20080801_100921_000000462070_00451_33571_2077.N1	01-AUG-2008 10:09:21	Dark	45.500	157	The1Eri	2.9060	9300.0	91	33571	No
115	GOM_NL__2PRFIN20080801_101449_000000532070_00452_33572_2080.N1	01-AUG-2008 10:14:49	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33572	No
116	GOM_NL__2PRFIN20080801_102138_000000442070_00452_33572_2081.N1	01-AUG-2008 10:21:38	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	33572	No
117	GOM_NL__2PRFIN20080801_102500_000000502070_00452_33572_2082.N1	01-AUG-2008 10:25:00	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	33572	No
118	GOM_NL__2PRFIN20080801_102808_000000432070_00452_33572_2083.N1	01-AUG-2008 10:28:08	Straylight	43.000	172	Gam Gru	3.0030	13100.	86	33572	No
119	GOM_NL__2PRFIN20080801_104354_000000392070_00452_33572_2084.N1	01-AUG-2008 10:43:54	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	33572	No
120	GOM_NL__2PRFIN20080801_104521_000000352070_00452_33572_2085.N1	01-AUG-2008 10:45:21	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33572	No
121	GOM_NL__2PRFIN20080801_105226_000000392070_00452_33572_2086.N1	01-AUG-2008 10:52:26	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33572	No
122	GOM_NL__2PRFIN20080801_105428_000000372070_00452_33572_2087.N1	01-AUG-2008 10:54:28	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33572	No
123	GOM_NL__2PRFIN20080801_110102_000000392070_00452_33572_2088.N1	01-AUG-2008 11:01:02	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	33572	No
124	GOM_NL__2PRFIN20080801_110656_000000372070_00452_33572_2089.N1	01-AUG-2008 11:06:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33572	No
125	GOM_NL__2PRFIN20080801_111936_000000412070_00452_33572_2090.N1	01-AUG-2008 11:19:36	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33572	No
126	GOM_NL__2PRFIN20080801_112203_000000352070_00452_33572_2091.N1	01-AUG-2008 11:22:03	Bright	34.500	107	37The Aur	2.6490	11000.	69	33572	No
127	GOM_NL__2PRFIN20080801_112452_000000432070_00452_33572_2092.N1	01-AUG-2008 11:24:52	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	33572	No
128	GOM_NL__2PRFIN20080801_112657_000000372070_00452_33572_2093.N1	01-AUG-2008 11:26:57	Tw_i_and_stray	37.000	176	23Zet Tau	3.0200	22000.	74	33572	No
129	GOM_NL__2PRFIN20080801_113037_000000372070_00452_33572_2094.N1	01-AUG-2008 11:30:37	Dark	37.000	14	58Alp Ori	0.87000	3000.0	74	33572	No
130	GOM_NL__2PRFIN20080801_113323_000000432070_00452_33572_2095.N1	01-AUG-2008 11:33:23	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	33572	No
131	GOM_NL__2PRFIN20080801_113553_000000442070_00452_33572_2096.N1	01-AUG-2008 11:35:53	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	33572	No
132	GOM_NL__2PRFIN20080801_113803_000000392070_00452_33572_2097.N1	01-AUG-2008 11:38:03	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	33572	No
133	GOM_NL__2PRFIN20080801_114957_000000462070_00452_33572_2098.N1	01-AUG-2008 11:49:57	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33572	No
134	GOM_NL__2PRFIN20080801_115525_000000482070_00453_33573_2100.N1	01-AUG-2008 11:55:25	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33573	No
135	GOM_NL__2PRFIN20080801_120214_000000422070_00453_33573_2101.N1	01-AUG-2008 12:02:14	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33573	No
136	GOM_NL__2PRFIN20080801_120536_000000442070_00453_33573_2102.N1	01-AUG-2008 12:05:36	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33573	No
137	GOM_NL__2PRFIN20080801_120844_000000452070_00453_33573_2103.N1	01-AUG-2008 12:08:44	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	33573	No
138	GOM_NL__2PRFIN20080801_122430_000000372070_00453_33573_2104.N1	01-AUG-2008 12:24:30	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33573	No
139	GOM_NL__2PRFIN20080801_122557_000000352070_00453_33573_2105.N1	01-AUG-2008 12:25:57	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33573	No
140	GOM_NL__2PRFIN20080801_123302_000000352070_00453_33573_2106.N1	01-AUG-2008 12:33:02	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	33573	No
141	GOM_NL__2PRFIN20080801_123504_000000362070_00453_33573_2107.N1	01-AUG-2008 12:35:04	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33573	No
142	GOM_NL__2PRFIN20080801_124138_000000402070_00453_33573_2108.N1	01-AUG-2008 12:41:38	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	33573	No
143	GOM_NL__2PRFIN20080801_124732_000000362070_00453_33573_2109.N1	01-AUG-2008 12:47:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33573	No
144	GOM_NL__2PRFIN20080801_130012_000000412070_00453_33573_2110.N1	01-AUG-2008 13:00:12	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33573	No
145	GOM_NL__2PRFIN20080801_130239_000000342070_00453_33573_2111.N1	01-AUG-2008 13:02:39	Bright	33.500	107	37The Aur	2.6490	11000.	67	33573	No
146	GOM_NL__2PRFIN20080801_130528_000000422070_00453_33573_2112.N1	01-AUG-2008 13:05:28	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	33573	No
147	GOM_NL__2PRFIN20080801_130733_000000372070_00453_33573_2113.N1	01-AUG-2008 13:07:33	Tw_i_and_stray	37.000	176	23Zet Tau	3.0200	22000.	74	33573	No
148	GOM_NL__2PRFIN20080801_131113_000000512070_00453_33573_2114.N1	01-AUG-2008 13:11:13	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	33573	No
149	GOM_NL__2PRFIN20080801_131400_000000432070_00453_33573_2115.N1	01-AUG-2008 13:14:00	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	33573	No
150	GOM_NL__2PRFIN20080801_131629_000000452070_00453_33573_2116.N1	01-AUG-2008 13:16:29	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	33573	No
151	GOM_NL__2PRFIN20080801_131839_000000412070_00453_33573_2117.N1	01-AUG-2008 13:18:39	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	33573	No
152	GOM_NL__2PRFIN20080801_133034_000000462070_00453_33573_2118.N1	01-AUG-2008 13:30:34	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33573	No
153	GOM_NL__2PRFIN20080801_133602_000000452070_00454_33574_2119.N1	01-AUG-2008 13:36:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33574	No
154	GOM_NL__2PRFIN20080801_134251_000000422070_00454_33574_2120.N1	01-AUG-2008 13:42:51	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33574	No
155	GOM_NL__2PRFIN20080801_134612_000000432070_00454_33574_2121.N1	01-AUG-2008 13:46:12	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	33574	No
156	GOM_NL__2PRFIN20080801_134920_000000442070_00454_33574_2122.N1	01-AUG-2008 13:49:20	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	33574	No
157	GOM_NL__2PRFIN20080801_140506_000000372070_00454_33574_2123.N1	01-AUG-2008 14:05:06	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	33574	No
158	GOM_NL__2PRFIN20080801_140633_000000342070_00454_33574_2124.N1	01-AUG-2008 14:06:33	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	33574	No
159	GOM_NL__2PRFIN20080801_141338_000000372070_00454_33574_2125.N1	01-AUG-2008 14:13:38	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	33574	No
160	GOM_NL__2PRFIN20080801_141540_000000352070_00454_33574_2126.N1	01-AUG-2008 14:15:40	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	33574	No

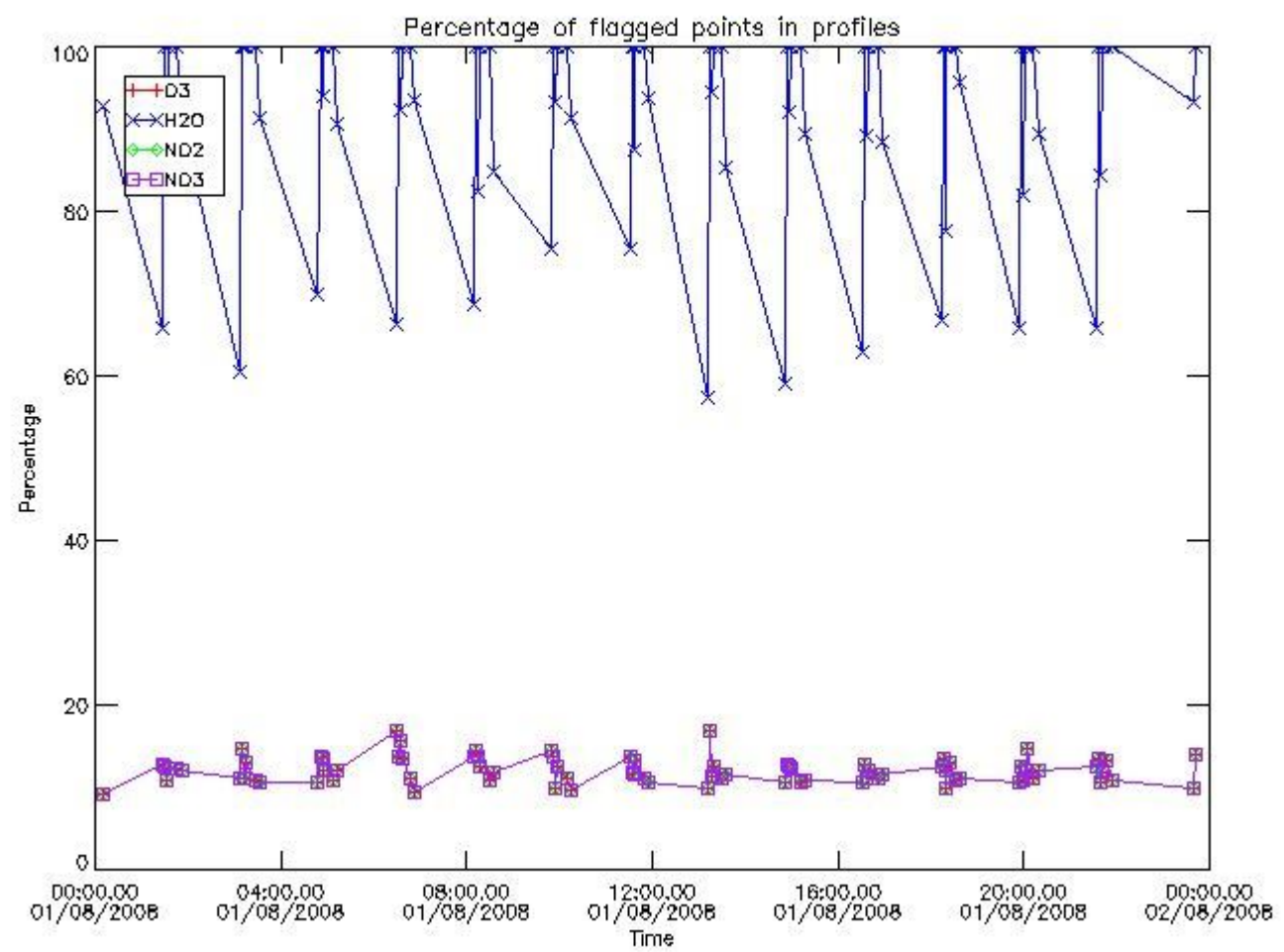
161	GOM_NL__2PRFIN20080801_142213_000000402070_00454_33574_2127.N1	01-AUG-2008 14:22:13	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	33574	No
162	GOM_NL__2PRFIN20080801_144048_000000402070_00454_33574_2128.N1	01-AUG-2008 14:40:48	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	33574	No
163	GOM_NL__2PRFIN20080801_144315_000000352070_00454_33574_2129.N1	01-AUG-2008 14:43:15	Bright	34.500	107	37The Aur	2.6490	11000.	69	33574	No
164	GOM_NL__2PRFIN20080801_144604_000000432070_00454_33574_2130.N1	01-AUG-2008 14:46:04	Bright	42.500	28	12Bet Tau	1.6500	15200.	85	33574	No
165	GOM_NL__2PRFIN20080801_144809_000000392070_00454_33574_2131.N1	01-AUG-2008 14:48:09	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	33574	No
166	GOM_NL__2PRFIN20080801_145150_000000532070_00454_33574_2132.N1	01-AUG-2008 14:51:50	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33574	No
167	GOM_NL__2PRFIN20080801_145436_000000402070_00454_33574_2133.N1	01-AUG-2008 14:54:36	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	33574	No
168	GOM_NL__2PRFIN20080801_145705_000000452070_00454_33574_2134.N1	01-AUG-2008 14:57:05	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	33574	No
169	GOM_NL__2PRFIN20080801_145916_000000422070_00454_33574_2135.N1	01-AUG-2008 14:59:16	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	33574	No
170	GOM_NL__2PRFIN20080801_151111_000000482070_00454_33574_2136.N1	01-AUG-2008 15:11:11	Dark	48.000	157	The1Eri	2.9060	9300.0	96	33574	No
171	GOM_NL__2PRFIN20080801_151639_000000482070_00455_33575_2157.N1	01-AUG-2008 15:16:39	Dark	47.500	9	Alp Eri	0.45300	24000.	95	33575	No
172	GOM_NL__2PRFIN20080801_152327_000000422070_00455_33575_2158.N1	01-AUG-2008 15:23:27	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33575	No
173	GOM_NL__2PRFIN20080801_152649_000000502070_00455_33575_2159.N1	01-AUG-2008 15:26:49	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	33575	No
174	GOM_NL__2PRFIN20080801_152957_000000432070_00455_33575_2160.N1	01-AUG-2008 15:29:57	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	33575	No
175	GOM_NL__2PRFIN20080801_154542_000000362070_00455_33575_2161.N1	01-AUG-2008 15:45:42	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	33575	No
176	GOM_NL__2PRFIN20080801_154709_000000342070_00455_33575_2162.N1	01-AUG-2008 15:47:09	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	33575	No
177	GOM_NL__2PRFIN20080801_155414_000000372070_00455_33575_2163.N1	01-AUG-2008 15:54:14	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	33575	No
178	GOM_NL__2PRFIN20080801_155615_000000362070_00455_33575_2164.N1	01-AUG-2008 15:56:15	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	33575	No
179	GOM_NL__2PRFIN20080801_160249_000000412070_00455_33575_2165.N1	01-AUG-2008 16:02:49	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	33575	No
180	GOM_NL__2PRFIN20080801_160844_000000362070_00455_33575_2166.N1	01-AUG-2008 16:08:44	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33575	No
181	GOM_NL__2PRFIN20080801_162124_000000412070_00455_33575_2167.N1	01-AUG-2008 16:21:24	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33575	No
182	GOM_NL__2PRFIN20080801_162351_000000442070_00455_33575_2168.N1	01-AUG-2008 16:23:51	Bright	43.500	107	37The Aur	2.6490	11000.	87	33575	No
183	GOM_NL__2PRFIN20080801_162640_000000422070_00455_33575_2169.N1	01-AUG-2008 16:26:40	Bright	41.500	28	12Bet Tau	1.6500	15200.	83	33575	No
184	GOM_NL__2PRFIN20080801_162845_000000402070_00455_33575_2170.N1	01-AUG-2008 16:28:45	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	33575	No
185	GOM_NL__2PRFIN20080801_163226_000000532070_00455_33575_2171.N1	01-AUG-2008 16:32:26	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33575	No
186	GOM_NL__2PRFIN20080801_163512_000000402070_00455_33575_2172.N1	01-AUG-2008 16:35:12	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	33575	No
187	GOM_NL__2PRFIN20080801_163742_000000512070_00455_33575_2173.N1	01-AUG-2008 16:37:42	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	33575	No
188	GOM_NL__2PRFIN20080801_163952_000000422070_00455_33575_2174.N1	01-AUG-2008 16:39:52	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	33575	No
189	GOM_NL__2PRFIN20080801_165148_000000462070_00455_33575_2175.N1	01-AUG-2008 16:51:48	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33575	No
190	GOM_NL__2PRFIN20080801_165715_000000442070_00456_33576_2177.N1	01-AUG-2008 16:57:15	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33576	No
191	GOM_NL__2PRFIN20080801_170403_000000382070_00456_33576_2178.N1	01-AUG-2008 17:04:03	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	33576	No
192	GOM_NL__2PRFIN20080801_170725_000000532070_00456_33576_2179.N1	01-AUG-2008 17:07:25	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	33576	No
193	GOM_NL__2PRFIN20080801_171033_000000442070_00456_33576_2180.N1	01-AUG-2008 17:10:33	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33576	No
194	GOM_NL__2PRFIN20080801_172618_000000382070_00456_33576_2181.N1	01-AUG-2008 17:26:18	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33576	No
195	GOM_NL__2PRFIN20080801_172745_000000352070_00456_33576_2182.N1	01-AUG-2008 17:27:45	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33576	No
196	GOM_NL__2PRFIN20080801_173450_000000402070_00456_33576_2183.N1	01-AUG-2008 17:34:50	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33576	No
197	GOM_NL__2PRFIN20080801_173651_000000372070_00456_33576_2184.N1	01-AUG-2008 17:36:51	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	33576	No
198	GOM_NL__2PRFIN20080801_174324_000000402070_00456_33576_2185.N1	01-AUG-2008 17:43:24	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	33576	No
199	GOM_NL__2PRFIN20080801_174920_000000362070_00456_33576_2186.N1	01-AUG-2008 17:49:20	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33576	No
200	GOM_NL__2PRFIN20080801_180200_000000412070_00456_33576_2187.N1	01-AUG-2008 18:02:00	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33576	No
201	GOM_NL__2PRFIN20080801_180427_000000352070_00456_33576_2188.N1	01-AUG-2008 18:04:27	Bright	35.000	107	37The Aur	2.6490	11000.	70	33576	No
202	GOM_NL__2PRFIN20080801_180716_000000442070_00456_33576_2189.N1	01-AUG-2008 18:07:16	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33576	No
203	GOM_NL__2PRFIN20080801_180921_000000372070_00456_33576_2190.N1	01-AUG-2008 18:09:21	Tw_i_and_stray	37.000	176	23Zet Tau	3.0200	22000.	74	33576	No
204	GOM_NL__2PRFIN20080801_181302_000000532070_00456_33576_2191.N1	01-AUG-2008 18:13:02	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33576	No
205	GOM_NL__2PRFIN20080801_181549_000000422070_00456_33576_2192.N1	01-AUG-2008 18:15:49	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33576	No
206	GOM_NL__2PRFIN20080801_181818_000000522070_00456_33576_2193.N1	01-AUG-2008 18:18:18	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	33576	No
207	GOM_NL__2PRFIN20080801_182028_000000422070_00456_33576_2194.N1	01-AUG-2008 18:20:28	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	33576	No
208	GOM_NL__2PRFIN20080801_182440_000000392070_00456_33576_2195.N1	01-AUG-2008 18:24:40	Dark	39.000	108	Alp Col	2.6520	15200.	78	33576	No
209	GOM_NL__2PRFIN20080801_183225_000000472070_00456_33576_2196.N1	01-AUG-2008 18:32:25	Dark	46.500	157	The1Eri	2.9060	9300.0	93	33576	No
210	GOM_NL__2PRFIN20080801_183752_000000462070_00457_33577_2198.N1	01-AUG-2008 18:37:52	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33577	No
211	GOM_NL__2PRFIN20080801_184440_000000412070_00457_33577_2199.N1	01-AUG-2008 18:44:40	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33577	No
212	GOM_NL__2PRFIN20080801_184802_000000422070_00457_33577_2200.N1	01-AUG-2008 18:48:02	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33577	No
213	GOM_NL__2PRFIN20080801_185110_000000442070_00457_33577_2201.N1	01-AUG-2008 18:51:10	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	33577	No
214	GOM_NL__2PRFIN20080801_190654_000000382070_00457_33577_2202.N1	01-AUG-2008 19:06:54	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33577	No
215	GOM_NL__2PRFIN20080801_190821_000000362070_00457_33577_2203.N1	01-AUG-2008 19:08:21	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33577	No
216	GOM_NL__2PRFIN20080801_191526_000000402070_00457_33577_2204.N1	01-AUG-2008 19:15:26	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33577	No
217	GOM_NL__2PRFIN20080801_191727_000000372070_00457_33577_2205.N1	01-AUG-2008 19:17:27	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33577	No
218	GOM_NL__2PRFIN20080801_192400_000000402070_00457_33577_2206.N1	01-AUG-2008 19:24:00	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	33577	No
219	GOM_NL__2PRFIN20080801_192956_000000372070_00457_33577_2207.N1	01-AUG-2008 19:29:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33577	No

220	GOM_NL__2PRFIN20080801_194236_000000432070_00457_33577_2208.N1	01-AUG-2008 19:42:36	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	33577	No
221	GOM_NL__2PRFIN20080801_194503_000000342070_00457_33577_2209.N1	01-AUG-2008 19:45:03	Bright	34.000	107	37The Aur	2.6490	11000.	68	33577	No
222	GOM_NL__2PRFIN20080801_194752_000000442070_00457_33577_2210.N1	01-AUG-2008 19:47:52	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33577	No
223	GOM_NL__2PRFIN20080801_194958_000000382070_00457_33577_2211.N1	01-AUG-2008 19:49:58	Twilight	37.500	176	23Zet Tau	3.0200	22000.	75	33577	No
224	GOM_NL__2PRFIN20080801_195338_000000532070_00457_33577_2212.N1	01-AUG-2008 19:53:38	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33577	No
225	GOM_NL__2PRFIN20080801_195625_000000412070_00457_33577_2213.N1	01-AUG-2008 19:56:25	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33577	No
226	GOM_NL__2PRFIN20080801_195855_000000482070_00457_33577_2214.N1	01-AUG-2008 19:58:55	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	33577	No
227	GOM_NL__2PRFIN20080801_200105_000000432070_00457_33577_2215.N1	01-AUG-2008 20:01:05	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	33577	No
228	GOM_NL__2PRFIN20080801_200516_000000382070_00457_33577_2216.N1	01-AUG-2008 20:05:16	Dark	38.000	108	Alp Col	2.6520	15200.	76	33577	No
229	GOM_NL__2PRFIN20080801_201302_000000462070_00457_33577_2217.N1	01-AUG-2008 20:13:02	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33577	No
230	GOM_NL__2PRFIN20080801_201829_000000432070_00458_33578_2222.N1	01-AUG-2008 20:18:29	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33578	No
231	GOM_NL__2PRFIN20080801_202516_000000452070_00458_33578_2223.N1	01-AUG-2008 20:25:16	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	33578	No
232	GOM_NL__2PRFIN20080801_202838_000000502070_00458_33578_2224.N1	01-AUG-2008 20:28:38	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	33578	No
233	GOM_NL__2PRFIN20080801_203146_000000442070_00458_33578_2225.N1	01-AUG-2008 20:31:46	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	33578	No
234	GOM_NL__2PRFIN20080801_204729_000000382070_00458_33578_2226.N1	01-AUG-2008 20:47:29	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	33578	No
235	GOM_NL__2PRFIN20080801_204857_000000352070_00458_33578_2227.N1	01-AUG-2008 20:48:57	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	33578	No
236	GOM_NL__2PRFIN20080801_205602_000000342070_00458_33578_2228.N1	01-AUG-2008 20:56:02	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	33578	No
237	GOM_NL__2PRFIN20080801_205803_000000372070_00458_33578_2229.N1	01-AUG-2008 20:58:03	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	33578	No
238	GOM_NL__2PRFIN20080801_210435_000000402070_00458_33578_2230.N1	01-AUG-2008 21:04:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	33578	No
239	GOM_NL__2PRFIN20080801_211032_000000362070_00458_33578_2231.N1	01-AUG-2008 21:10:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33578	No
240	GOM_NL__2PRFIN20080801_212312_000000412070_00458_33578_2232.N1	01-AUG-2008 21:23:12	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33578	No
241	GOM_NL__2PRFIN20080801_212539_000000342070_00458_33578_2233.N1	01-AUG-2008 21:25:39	Bright	34.000	107	37The Aur	2.6490	11000.	68	33578	No
242	GOM_NL__2PRFIN20080801_212828_000000442070_00458_33578_2234.N1	01-AUG-2008 21:28:28	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	33578	No
243	GOM_NL__2PRFIN20080801_213034_000000392070_00458_33578_2235.N1	01-AUG-2008 21:30:34	Twilight	38.500	176	23Zet Tau	3.0200	22000.	77	33578	No
244	GOM_NL__2PRFIN20080801_213414_000000532070_00458_33578_2236.N1	01-AUG-2008 21:34:14	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	33578	No
245	GOM_NL__2PRFIN20080801_213701_000000422070_00458_33578_2237.N1	01-AUG-2008 21:37:01	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33578	No
246	GOM_NL__2PRFIN20080801_213931_000000492070_00458_33578_2238.N1	01-AUG-2008 21:39:31	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	33578	No
247	GOM_NL__2PRFIN20080801_214141_000000442070_00458_33578_2239.N1	01-AUG-2008 21:41:41	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	33578	No
248	GOM_NL__2PRFIN20080801_214552_000000392070_00458_33578_2240.N1	01-AUG-2008 21:45:52	Dark	38.500	108	Alp Col	2.6520	15200.	77	33578	No
249	GOM_NL__2PRFIN20080801_215339_000000472070_00458_33578_2241.N1	01-AUG-2008 21:53:39	Dark	47.000	157	The1Eri	2.9060	9300.0	94	33578	No
250	GOM_NL__2PRFIN20080801_233942_000000522070_00460_33580_2285.N1	01-AUG-2008 23:39:42	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33580	No
251	GOM_NL__2PRFIN20080801_234133_000000372070_00460_33580_2286.N1	01-AUG-2008 23:41:33	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33580	No
252	GOM_NL__2PRFIN20080801_234629_000000432070_00460_33580_2287.N1	01-AUG-2008 23:46:29	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33580	No
253	GOM_NL__2PRFIN20080801_234951_000000502070_00460_33580_2288.N1	01-AUG-2008 23:49:51	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	33580	No
254	GOM_NL__2PRFIN20080801_235759_000000432070_00460_33580_2289.N1	01-AUG-2008 23:57:59	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	33580	No

3. Quality information per product

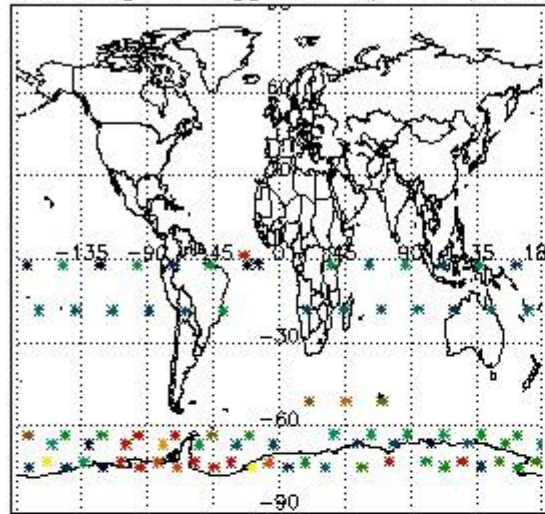
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

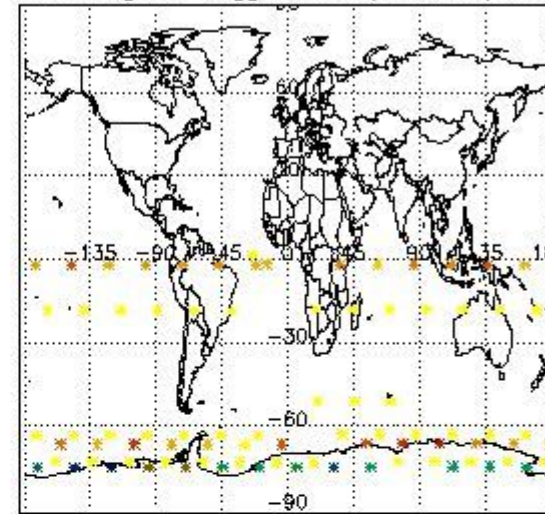


3.2 Plot quality information per product (world map)

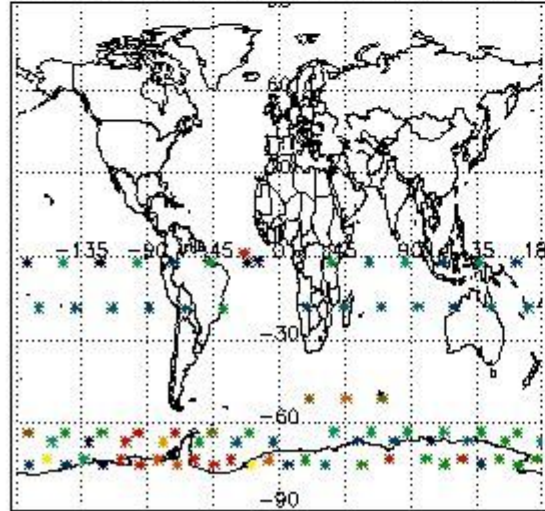
Percentage of flagged data per O3 profile



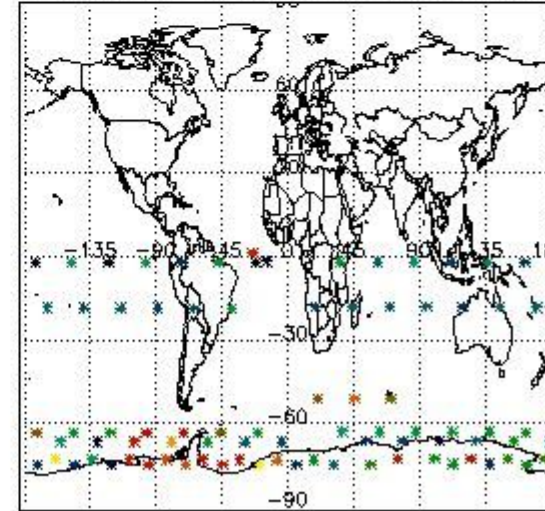
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

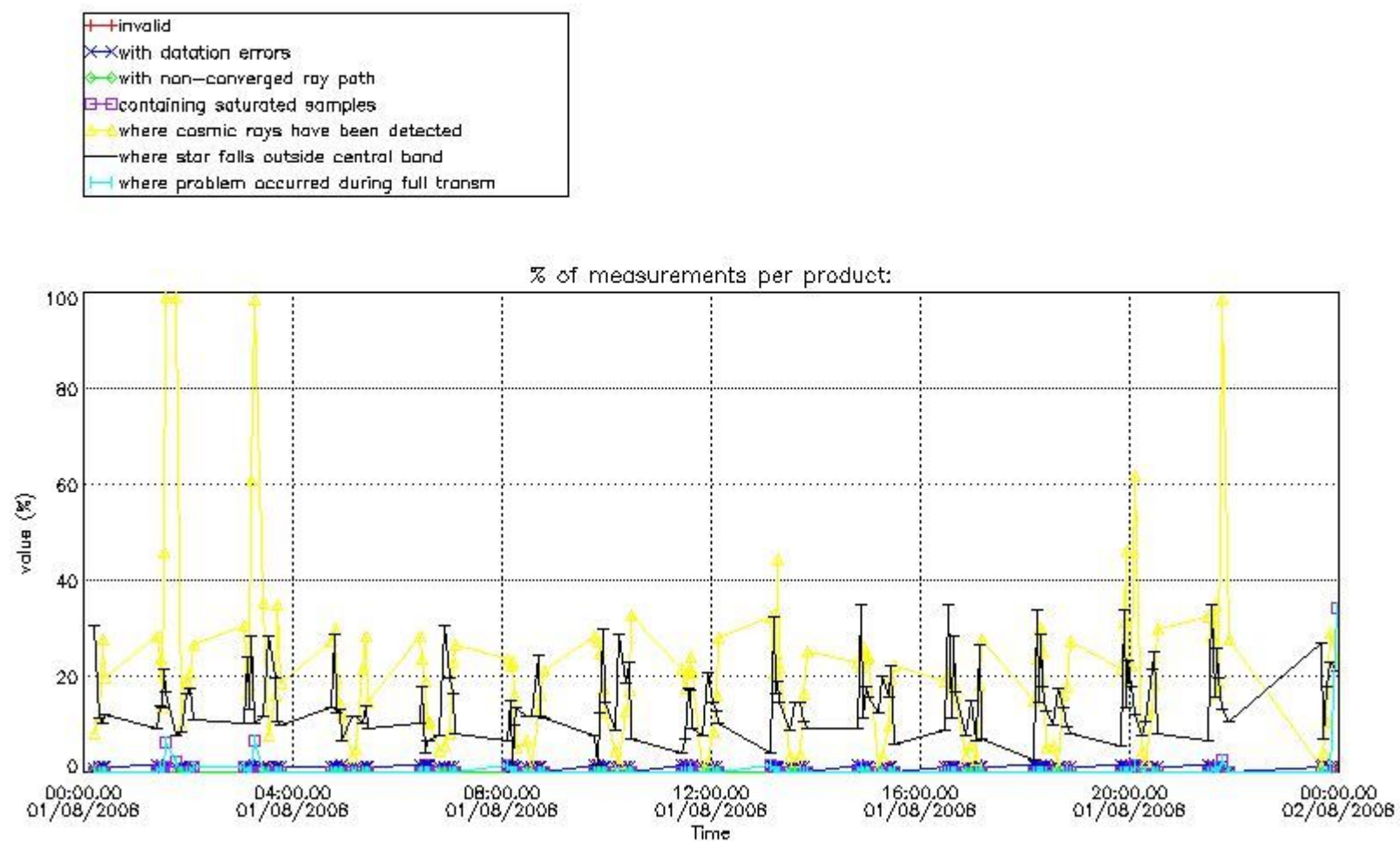


4. Level 1 quality information per product

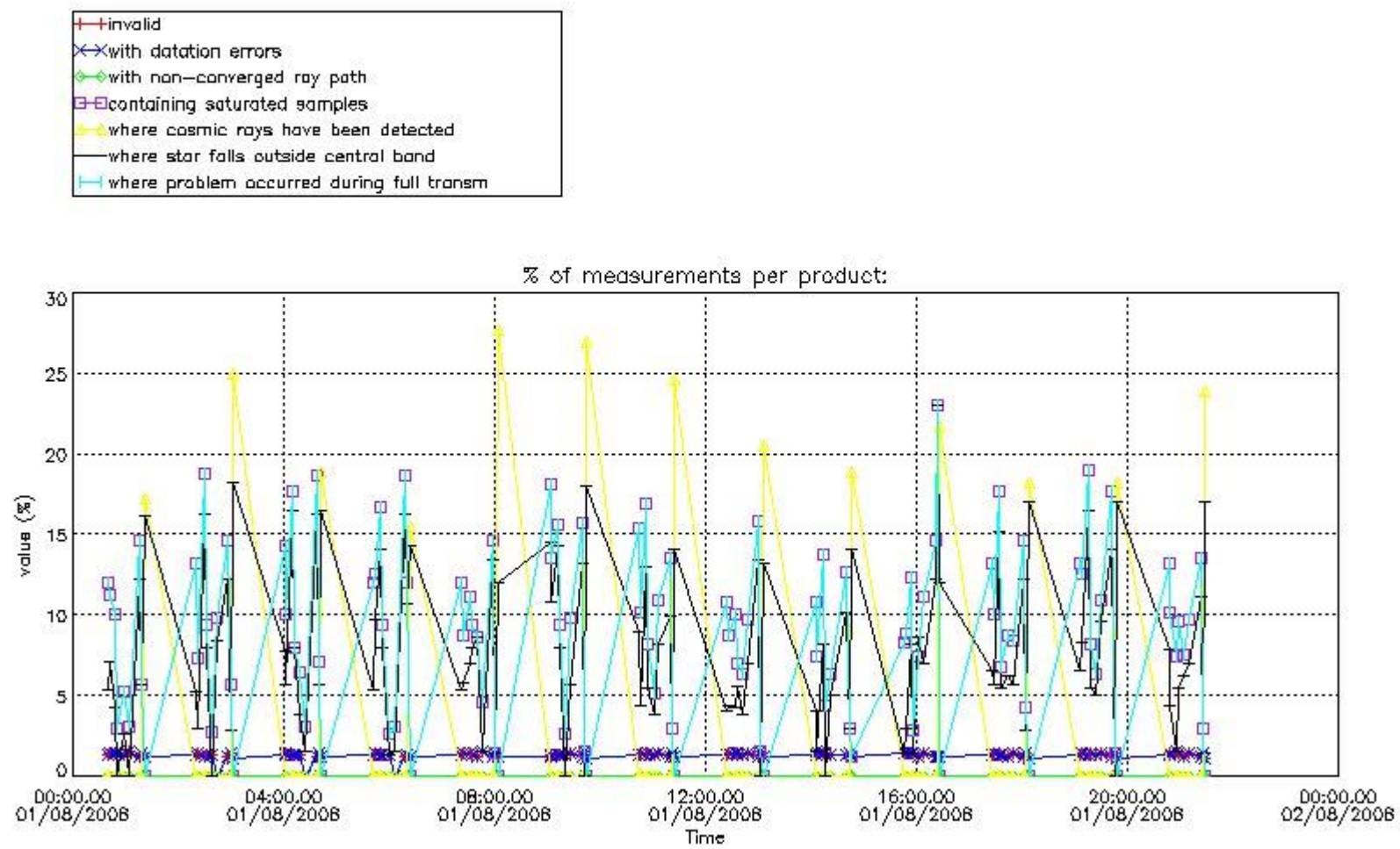
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



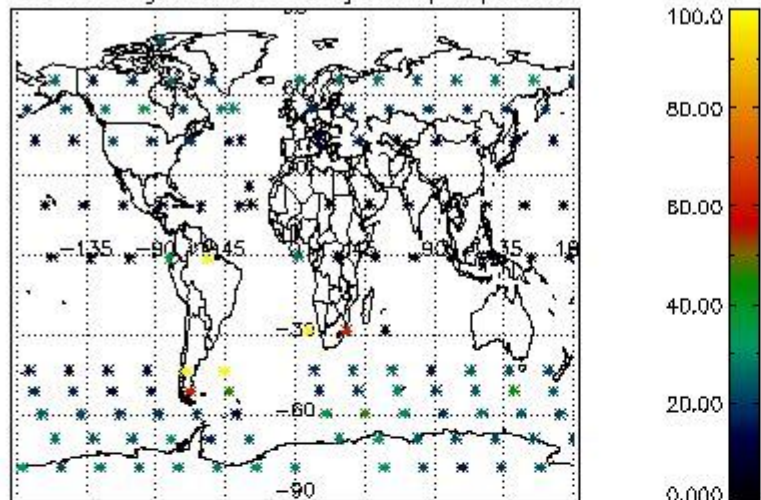
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



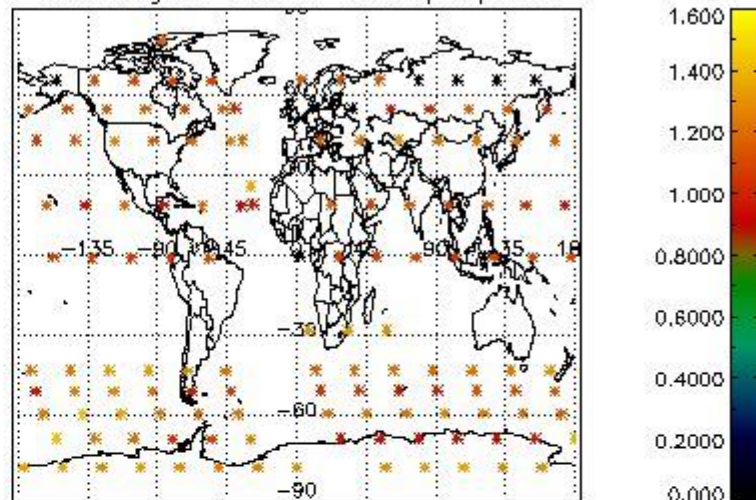
4.2 Plot quality information per product coming from level 1b processing (world map)

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

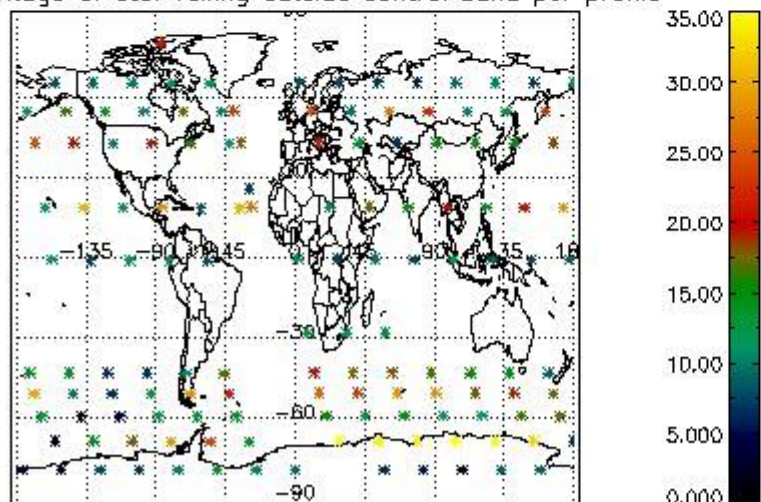
Percentage of cosmic ray hits per profile



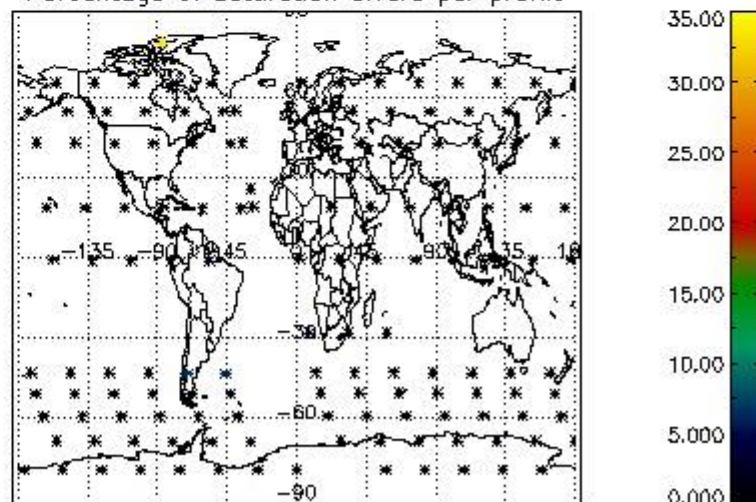
Percentage of datation errors per profile



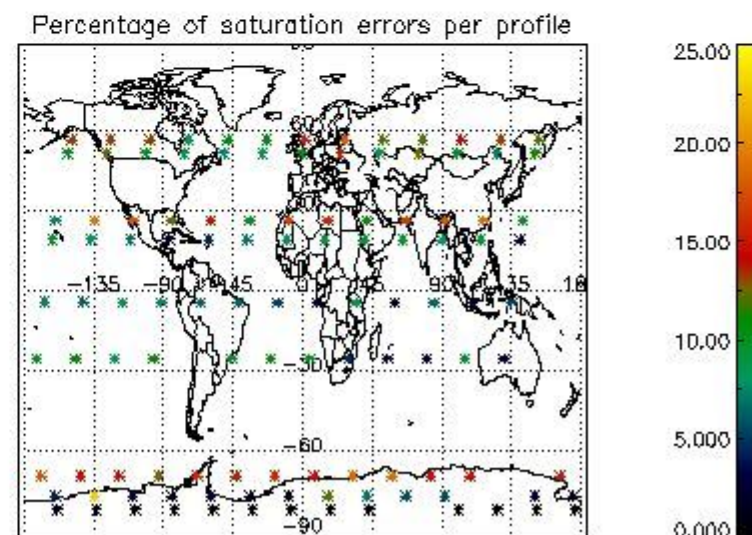
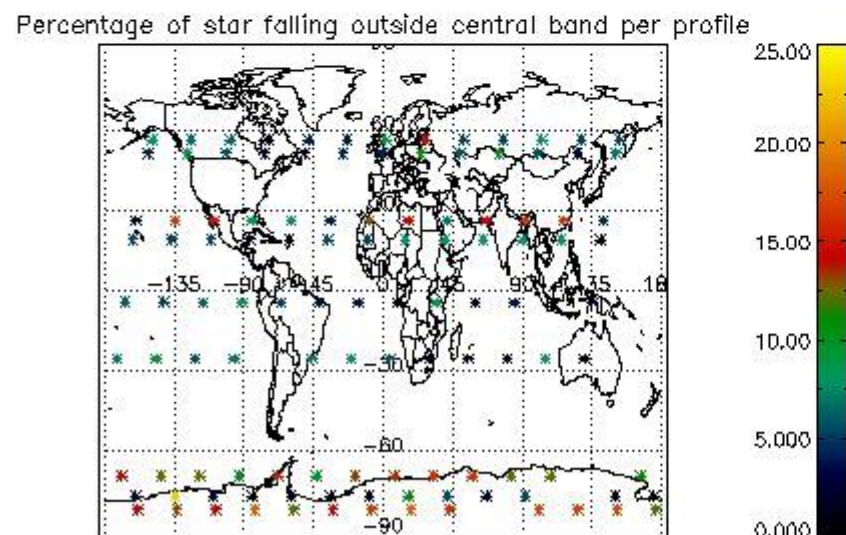
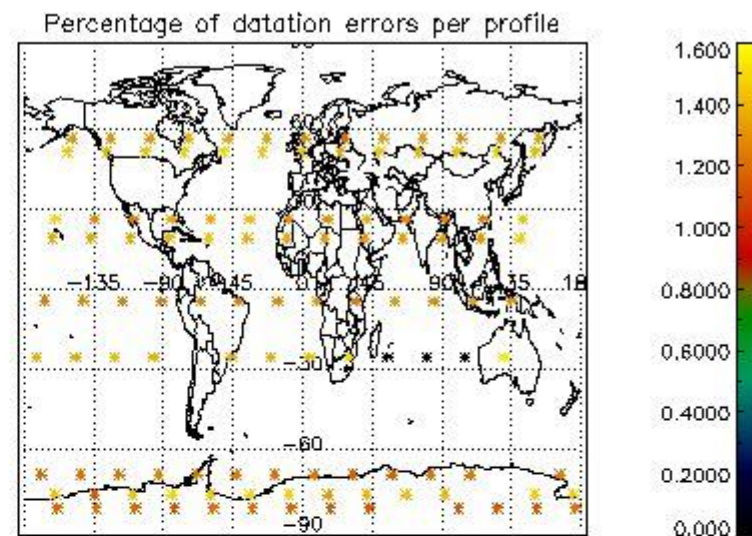
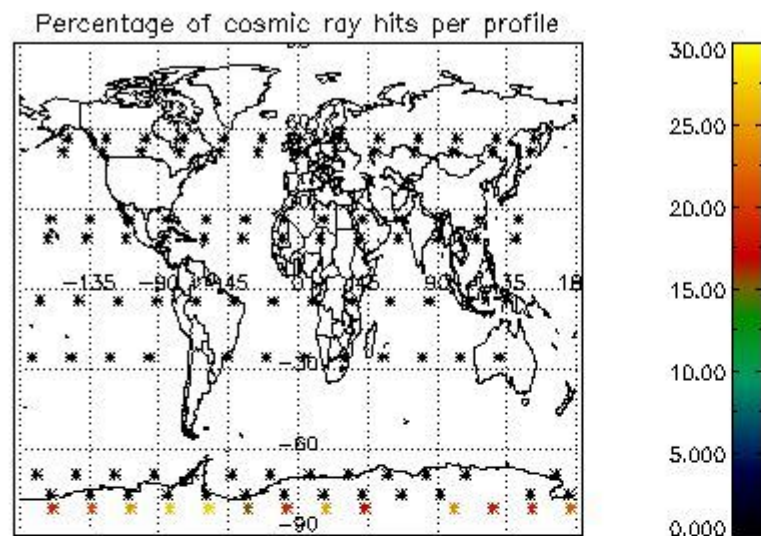
Percentage of star falling outside central band per profile



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

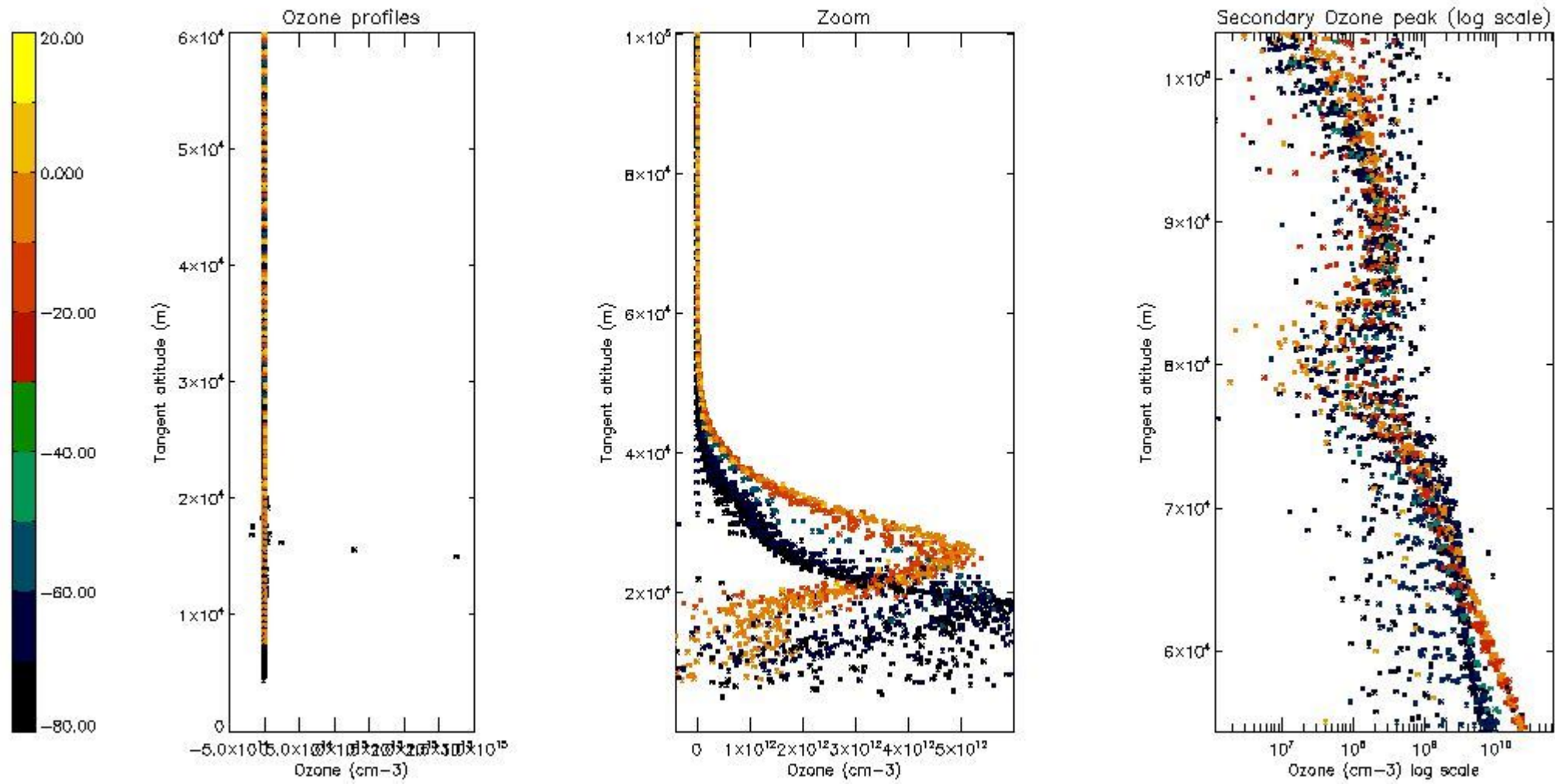
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	36
STD < 20	19

STD < 10	14
STD < 5	10

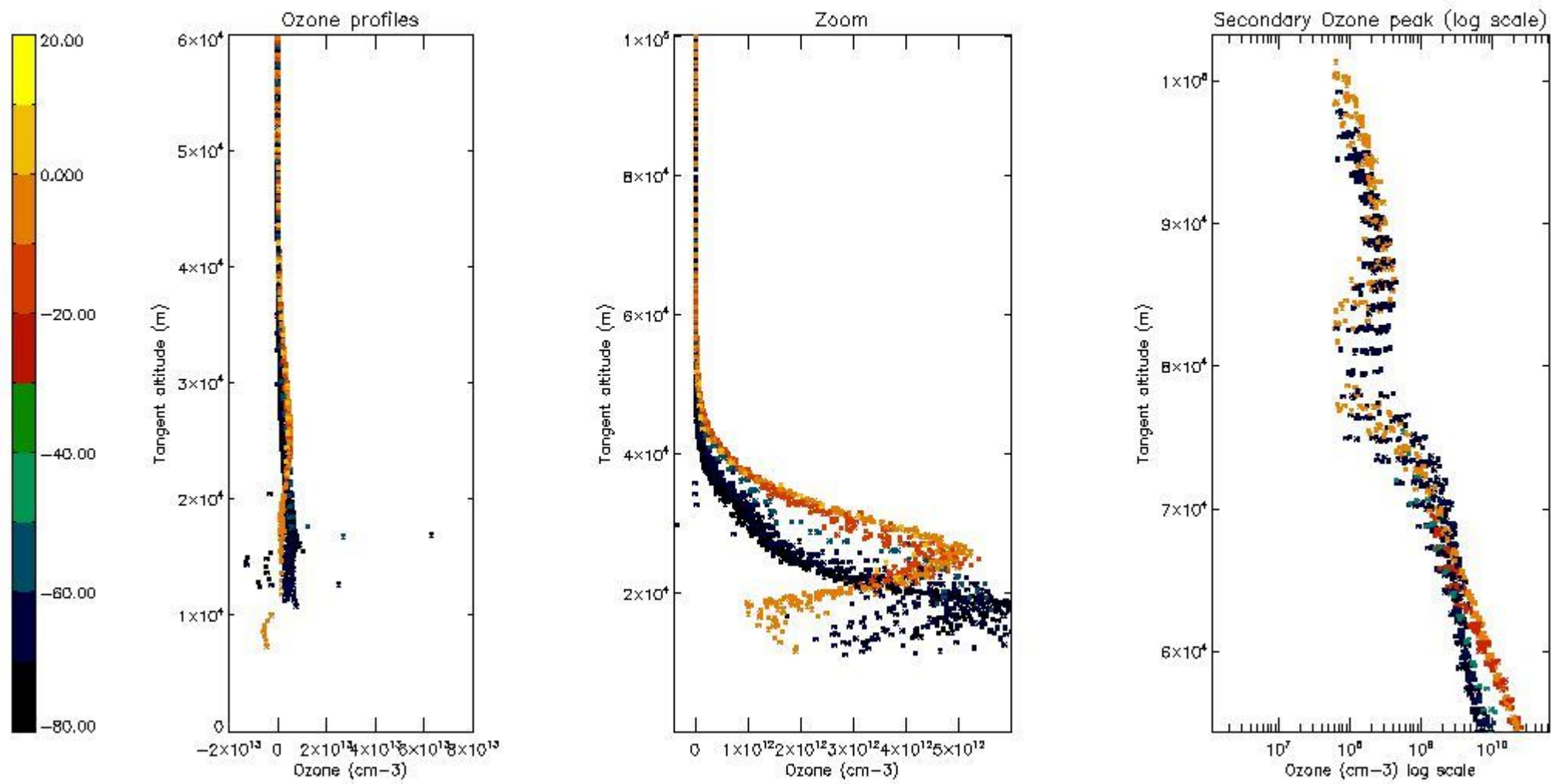
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



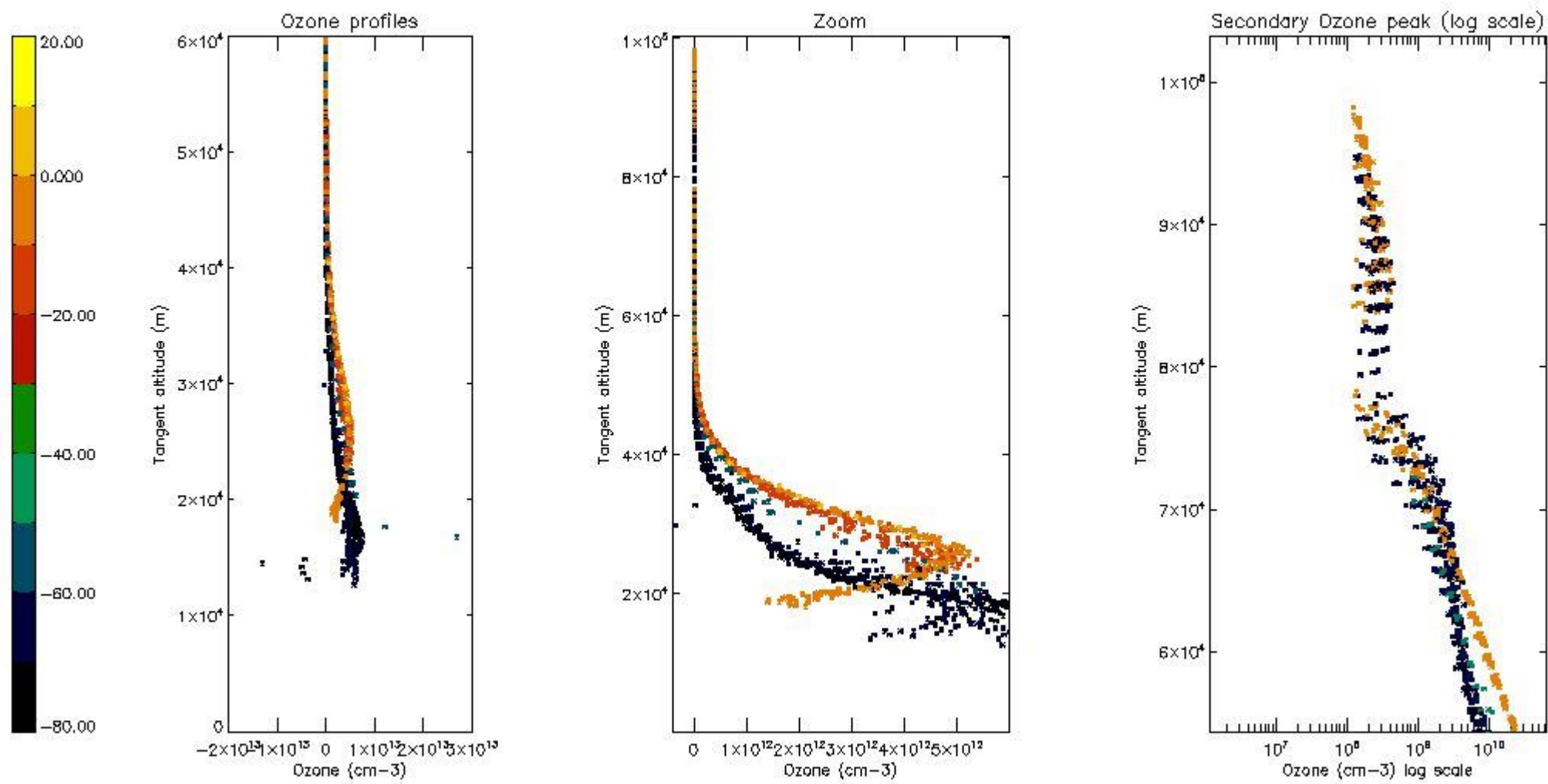
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



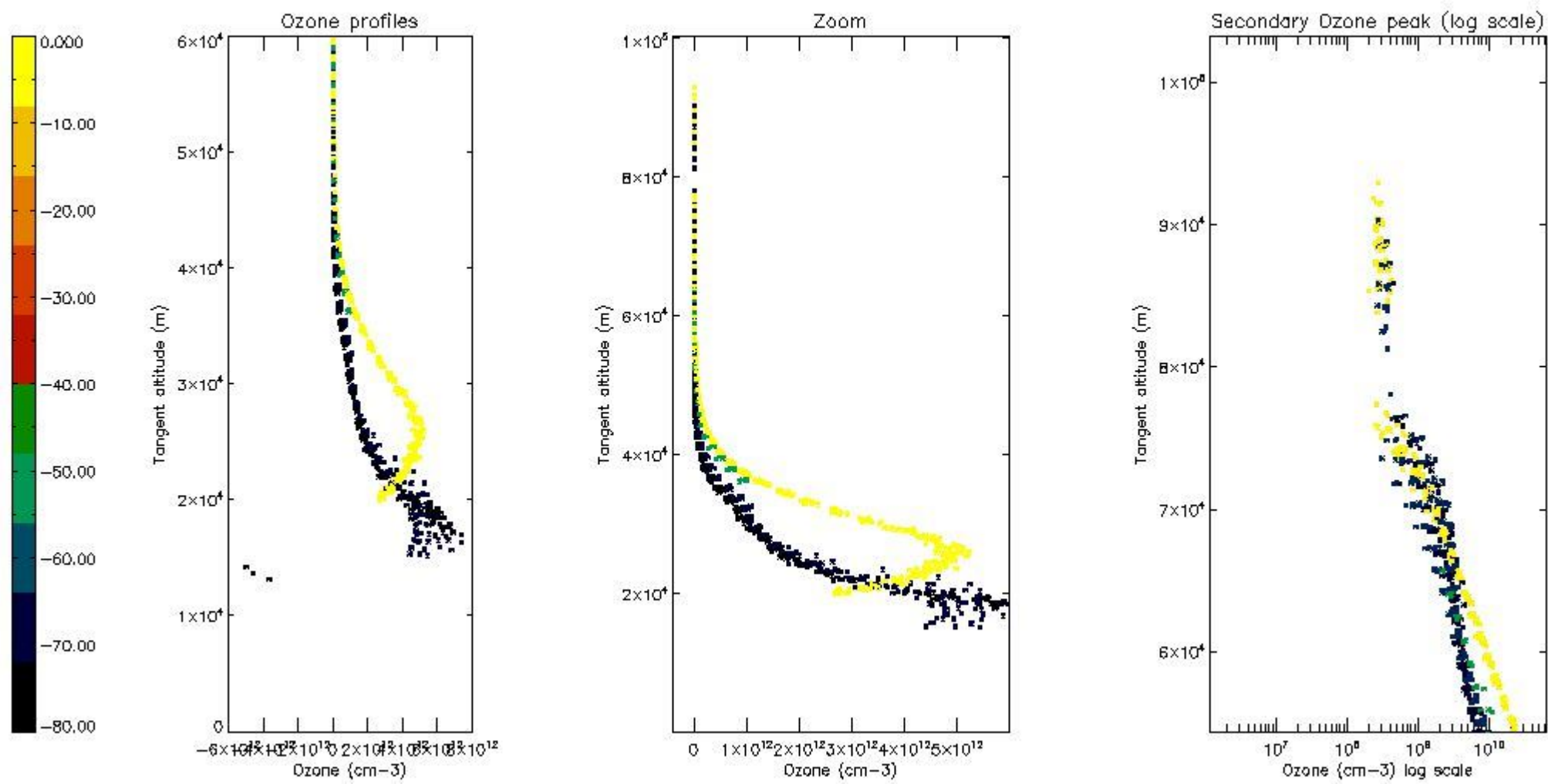
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



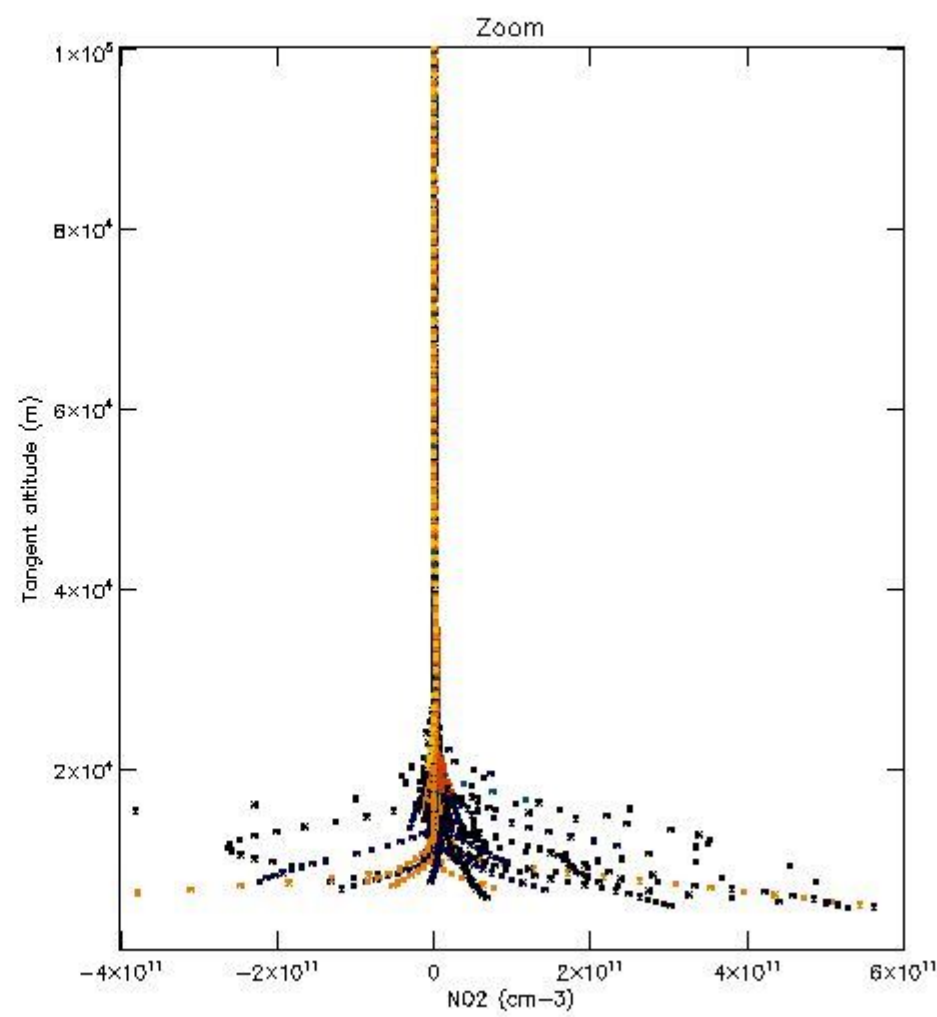
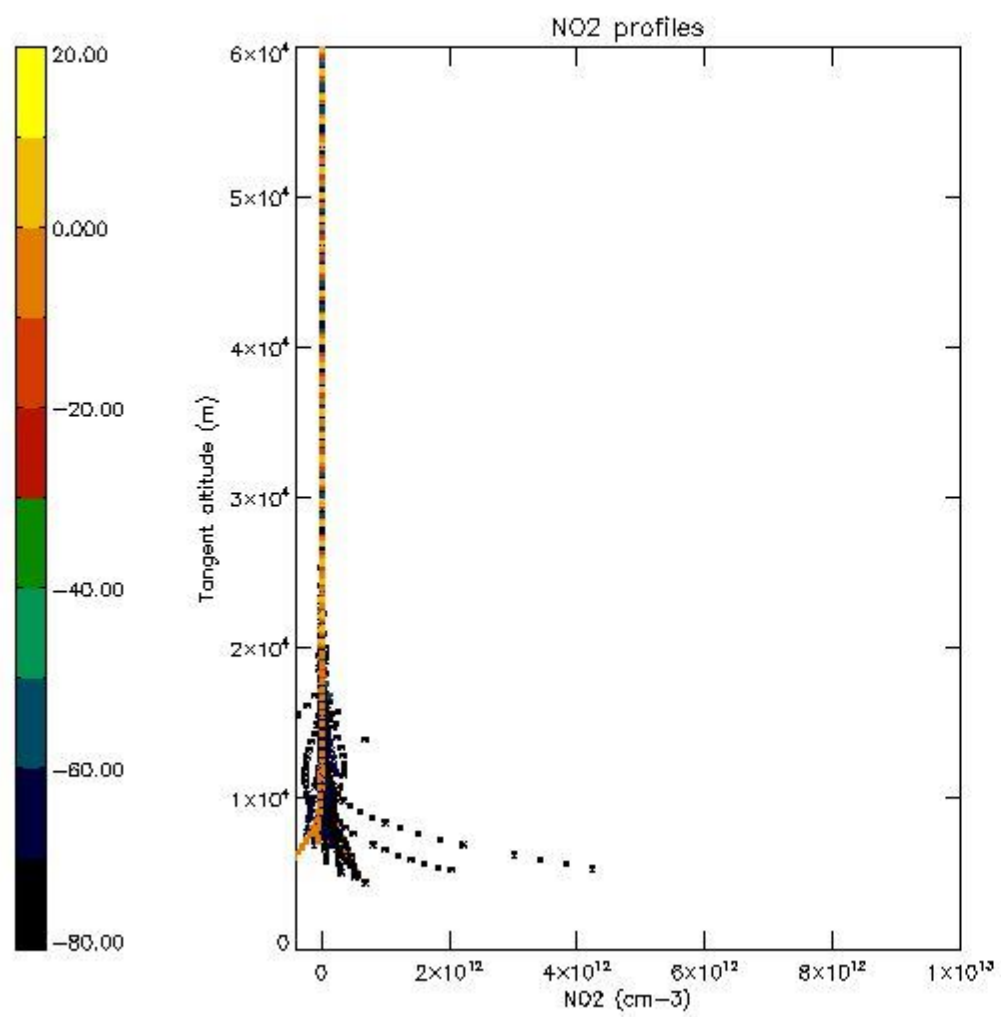
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



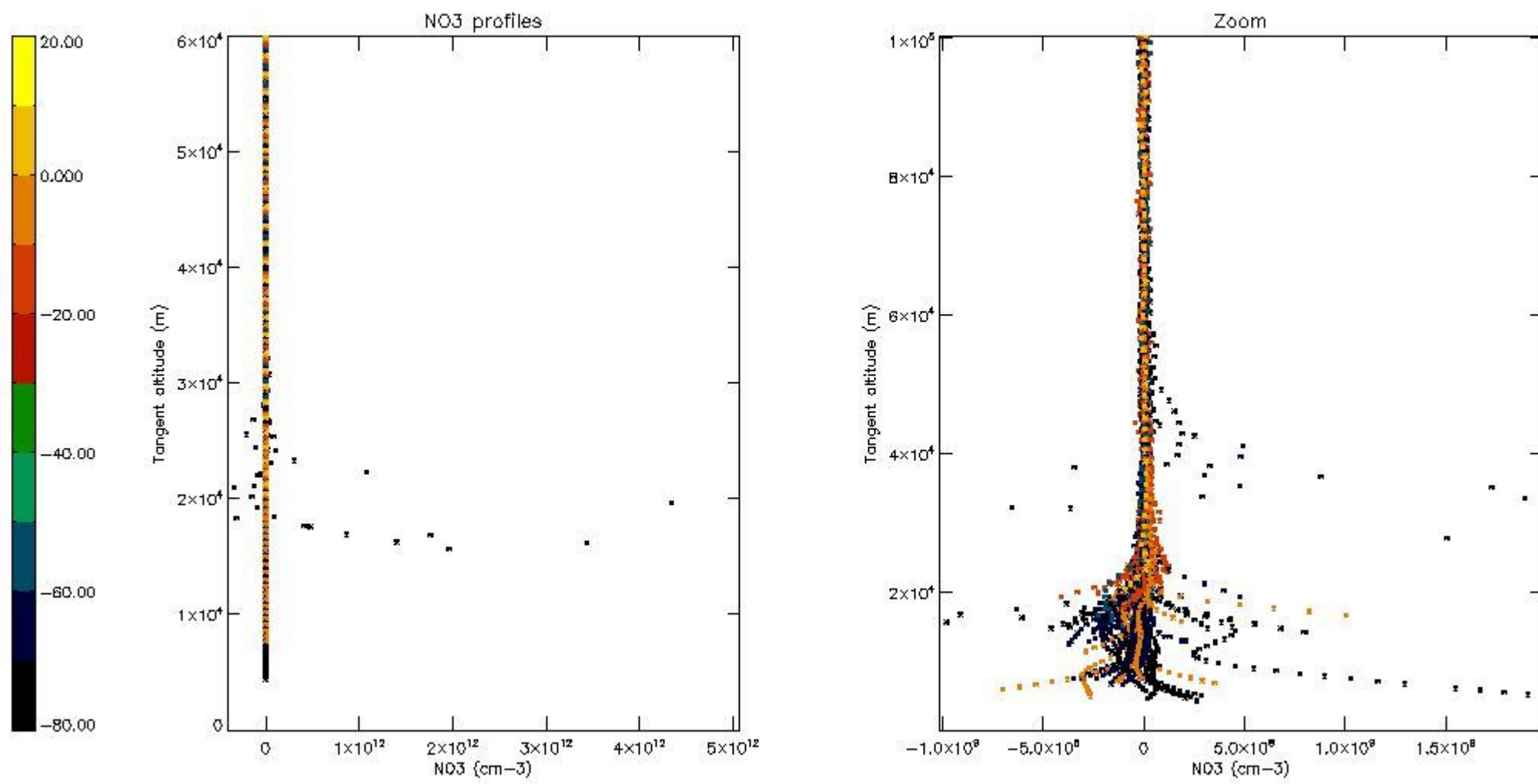
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



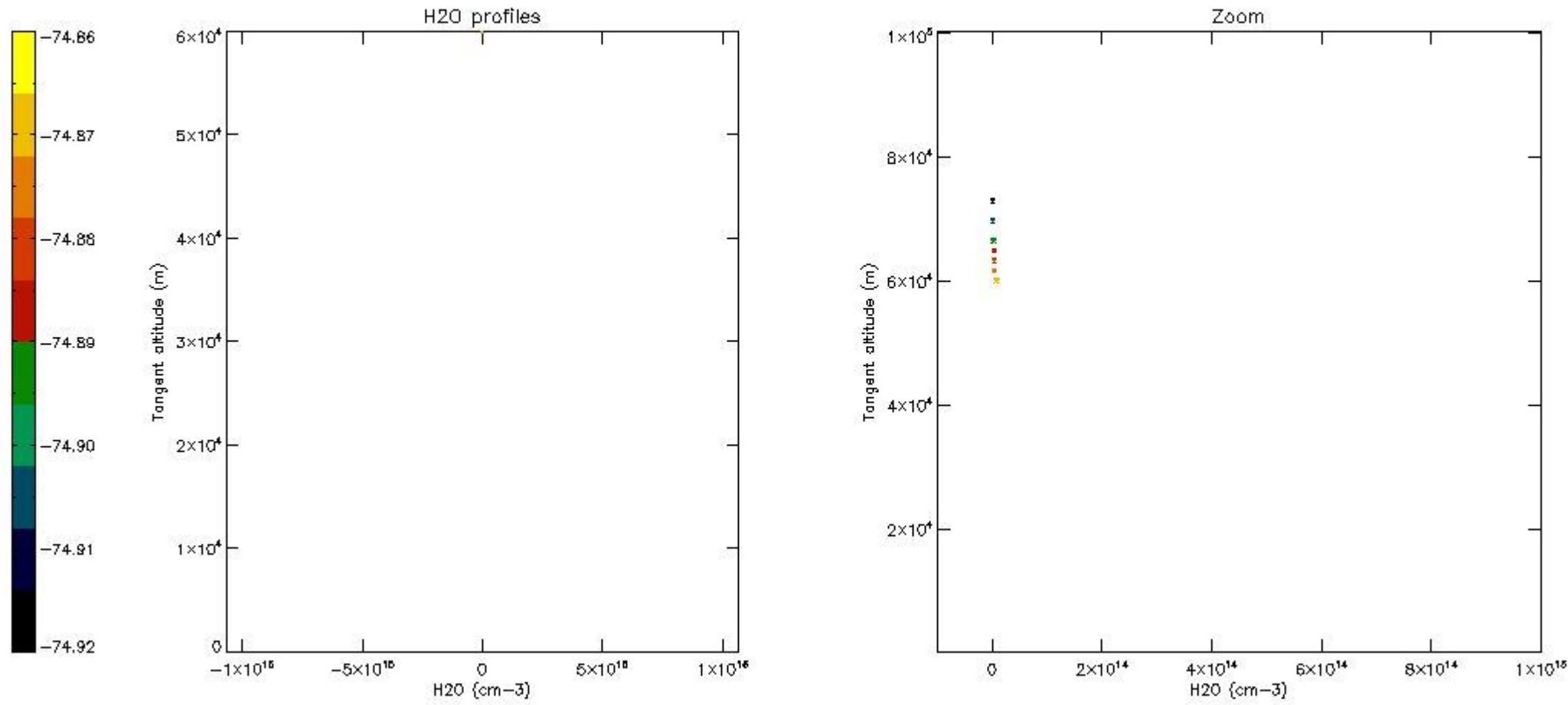
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

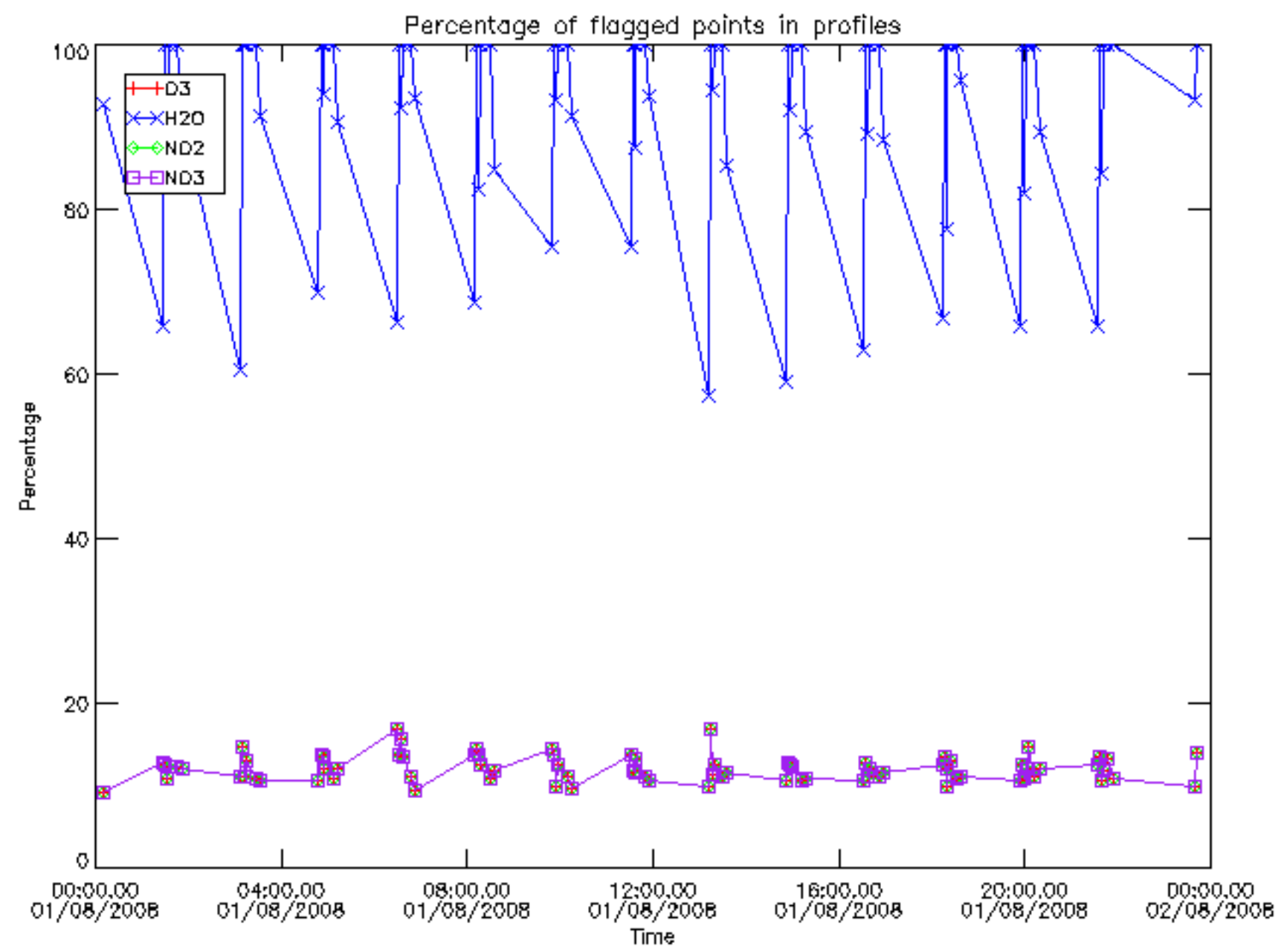
The colorbar represents the latitude.



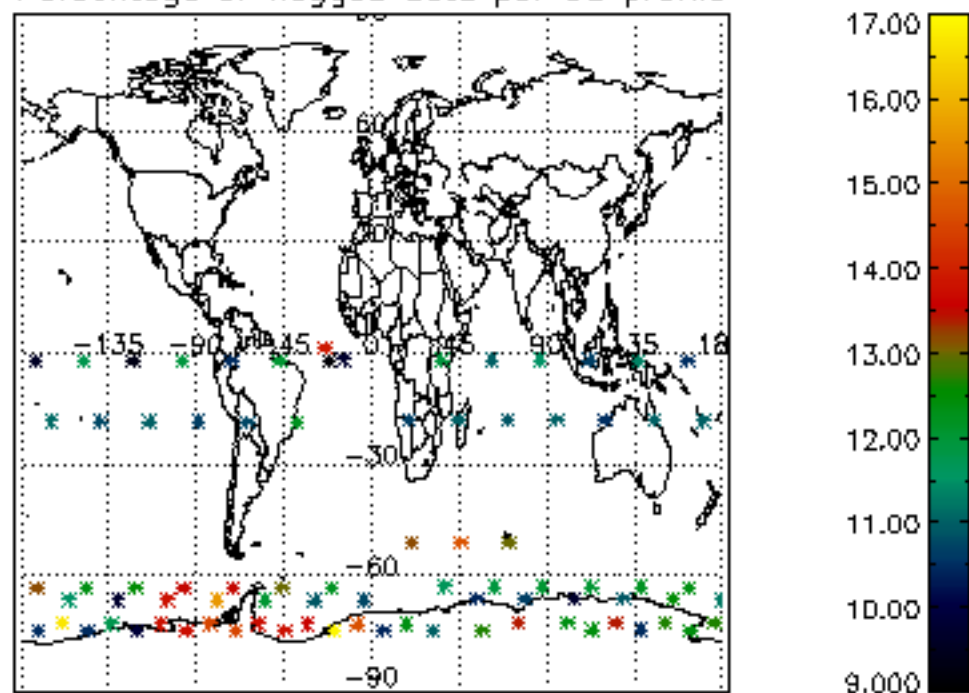
6. Auxiliary Data Files used for the production reported in section 2

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

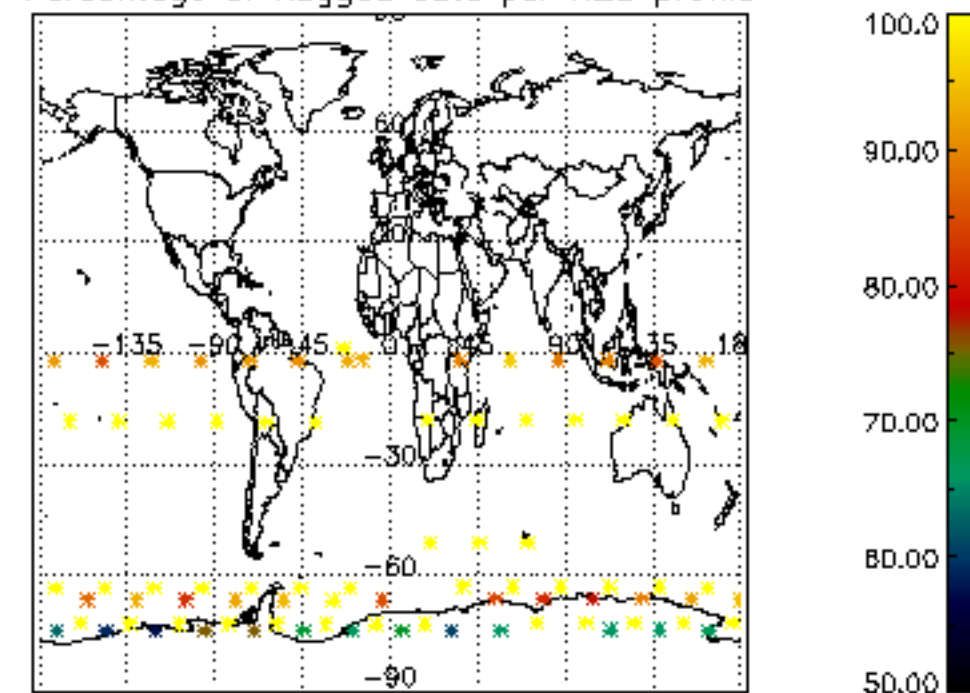
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-AUG-2008 00:11:09
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-AUG-2008 00:11:09
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-AUG-2008 00:11:09



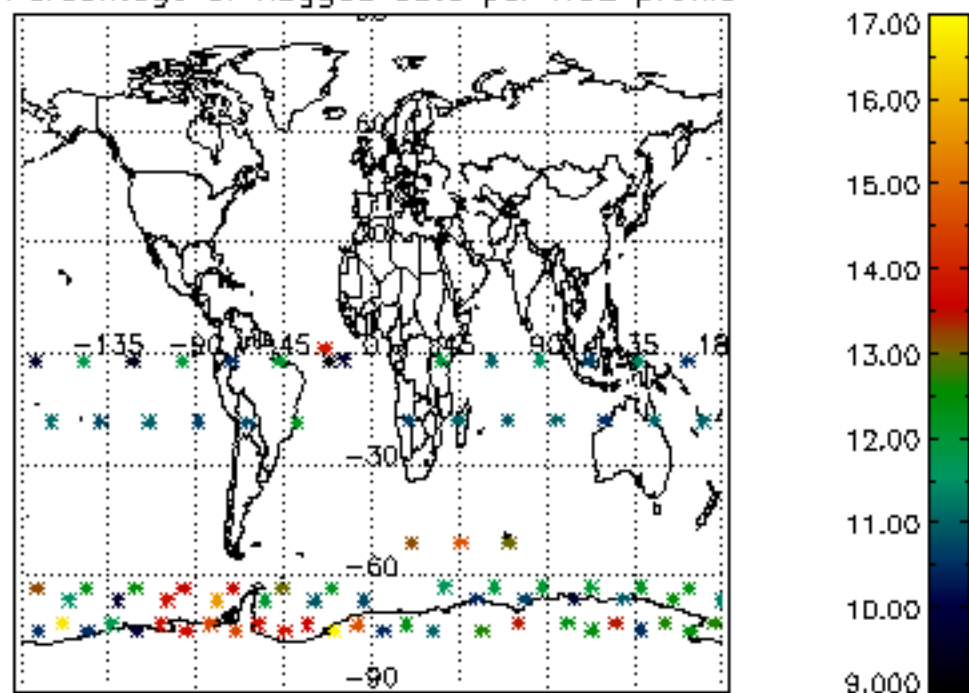
Percentage of flagged data per D3 profile



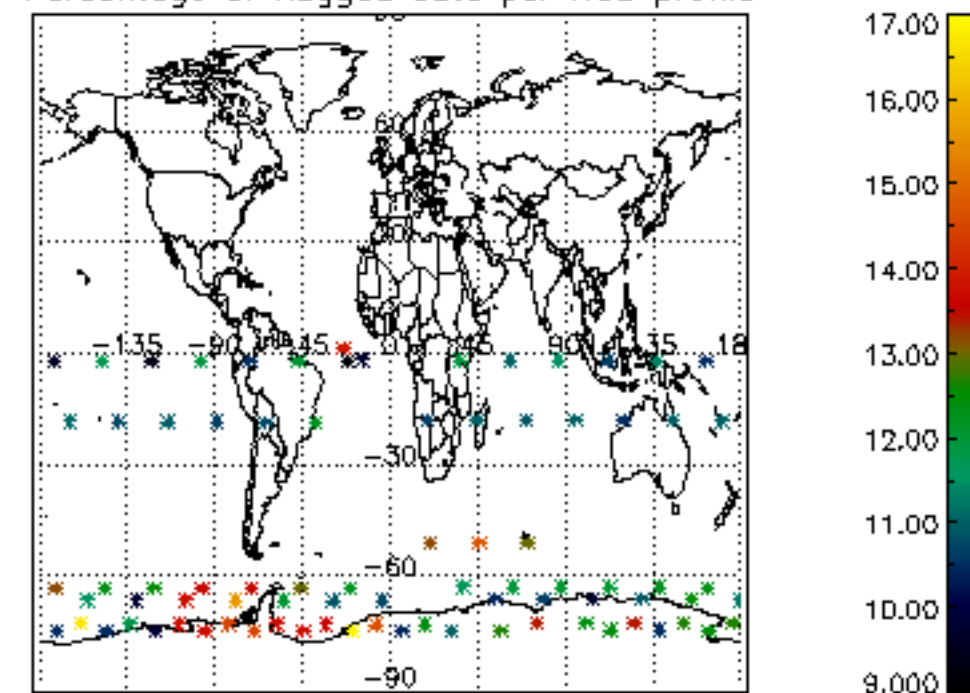
Percentage of flagged data per H2O profile

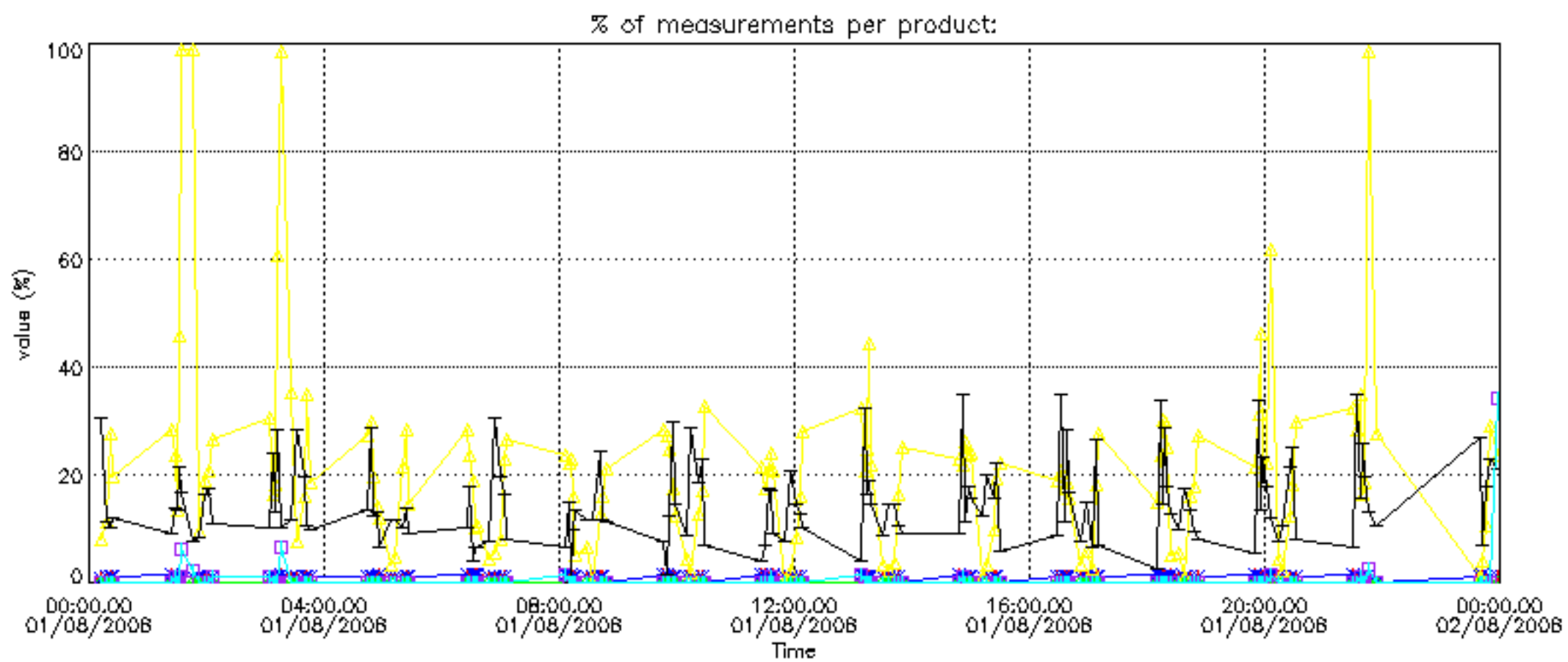


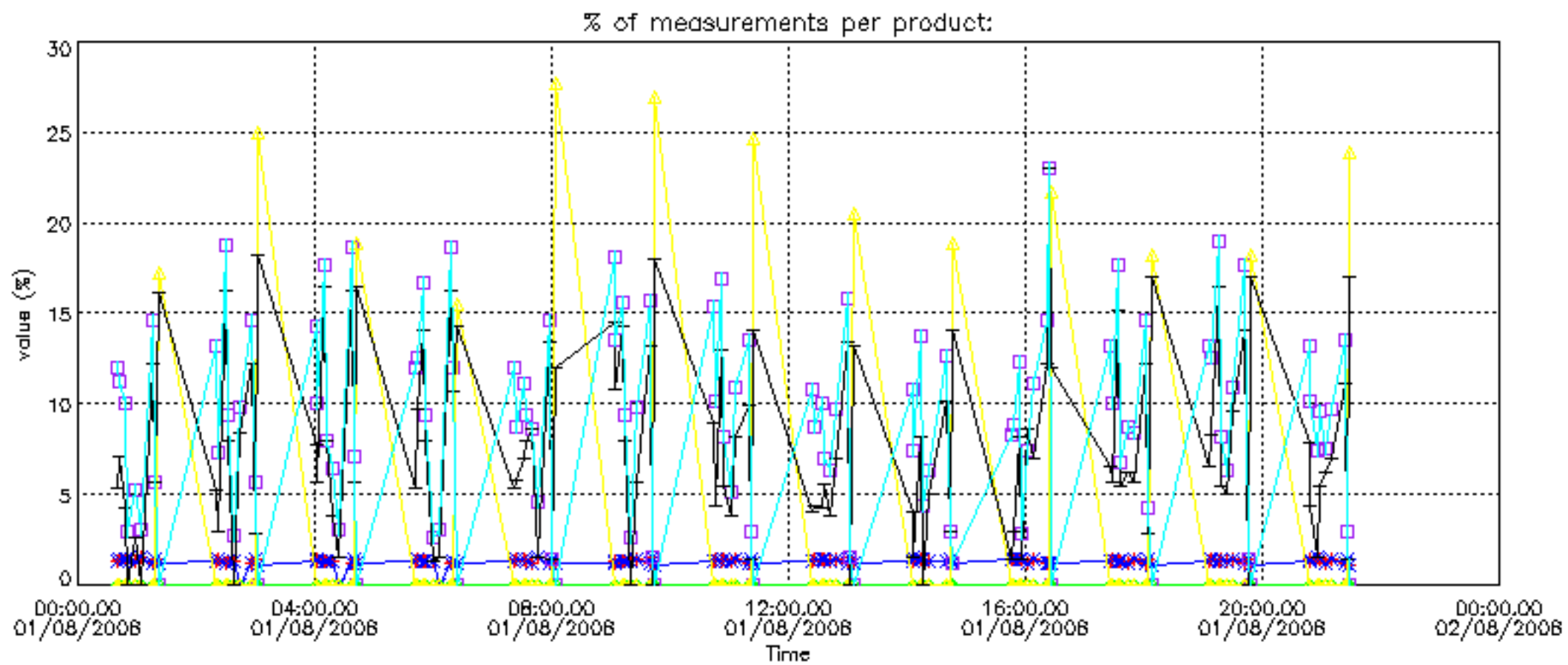
Percentage of flagged data per NO2 profile



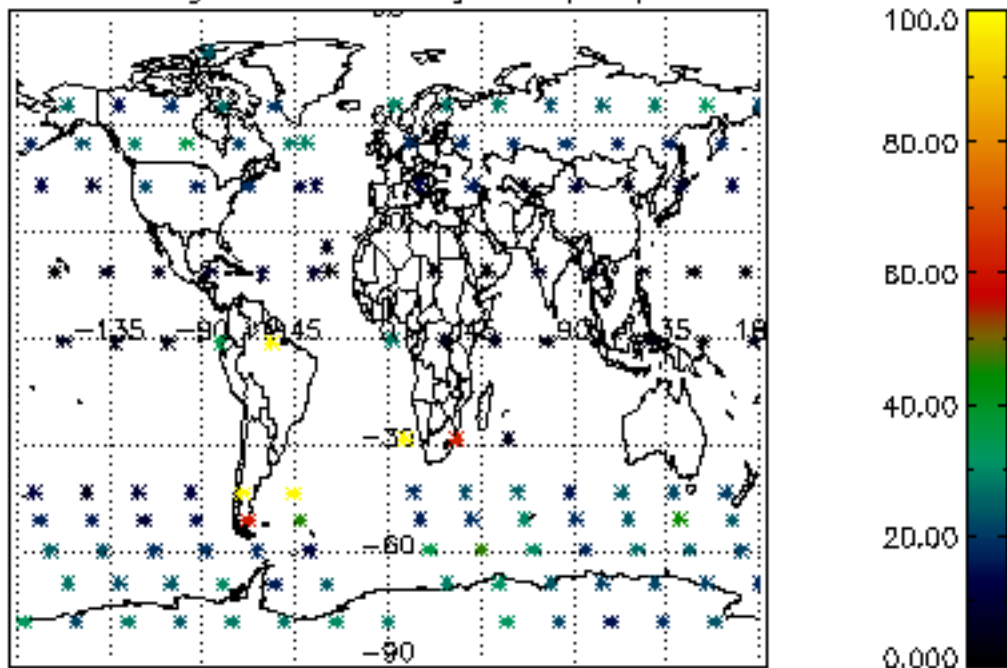
Percentage of flagged data per NO3 profile



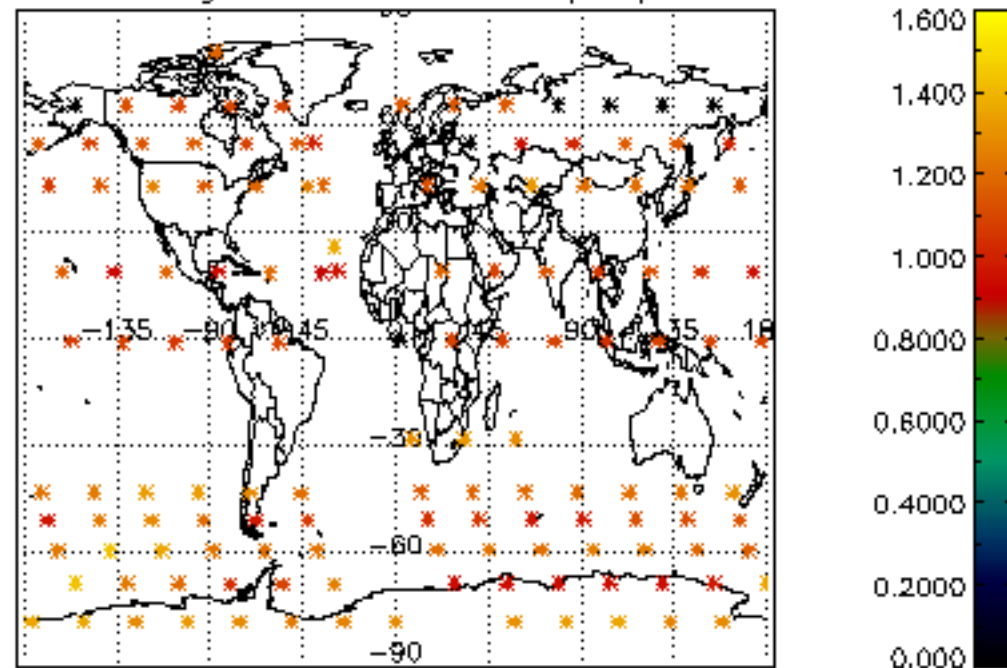




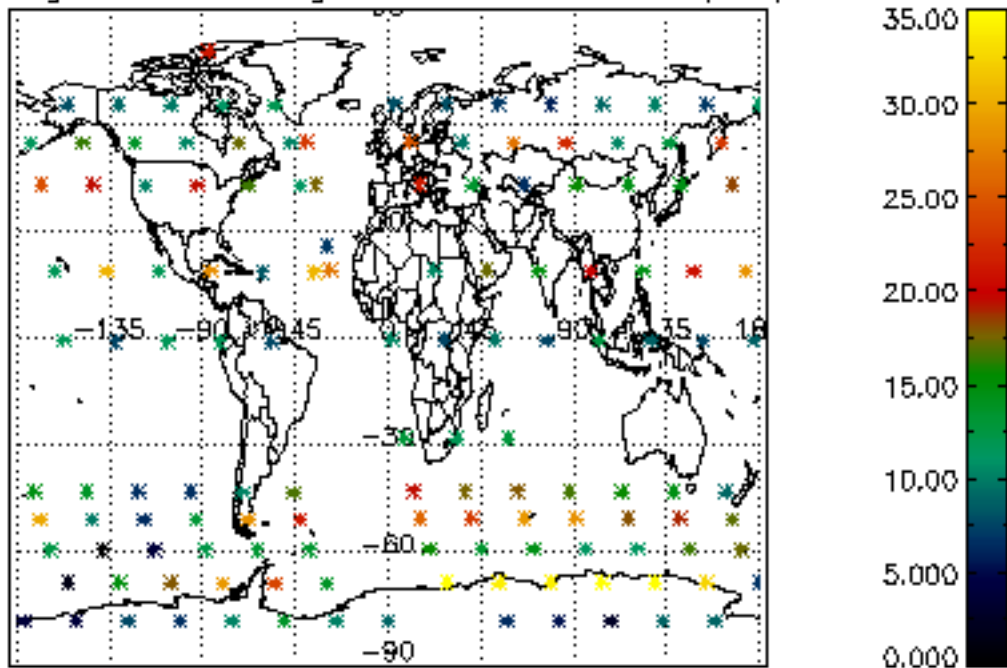
Percentage of cosmic ray hits per profile



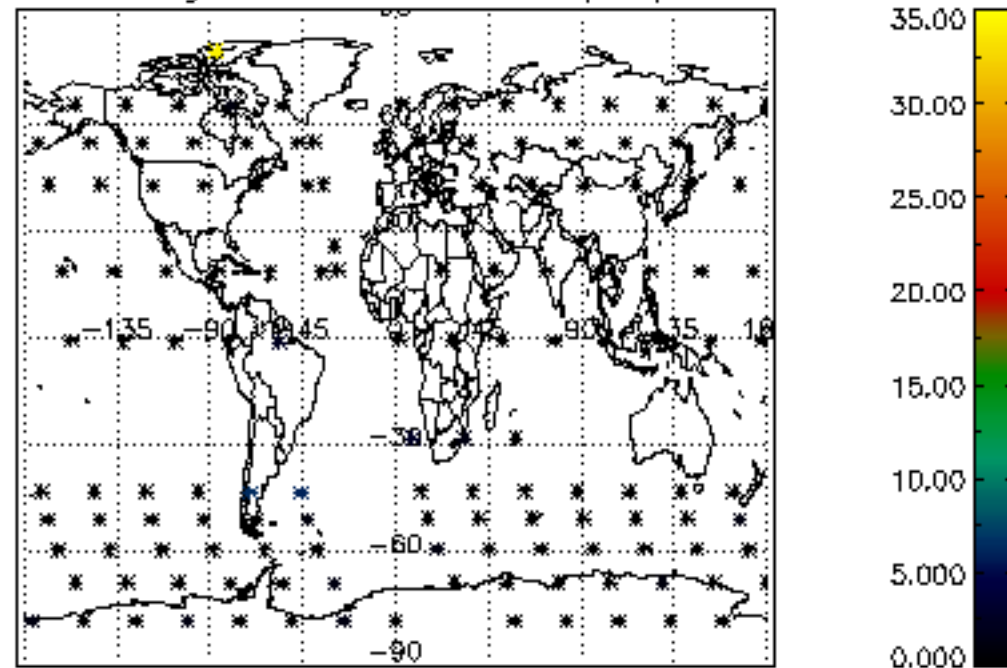
Percentage of datation errors per profile



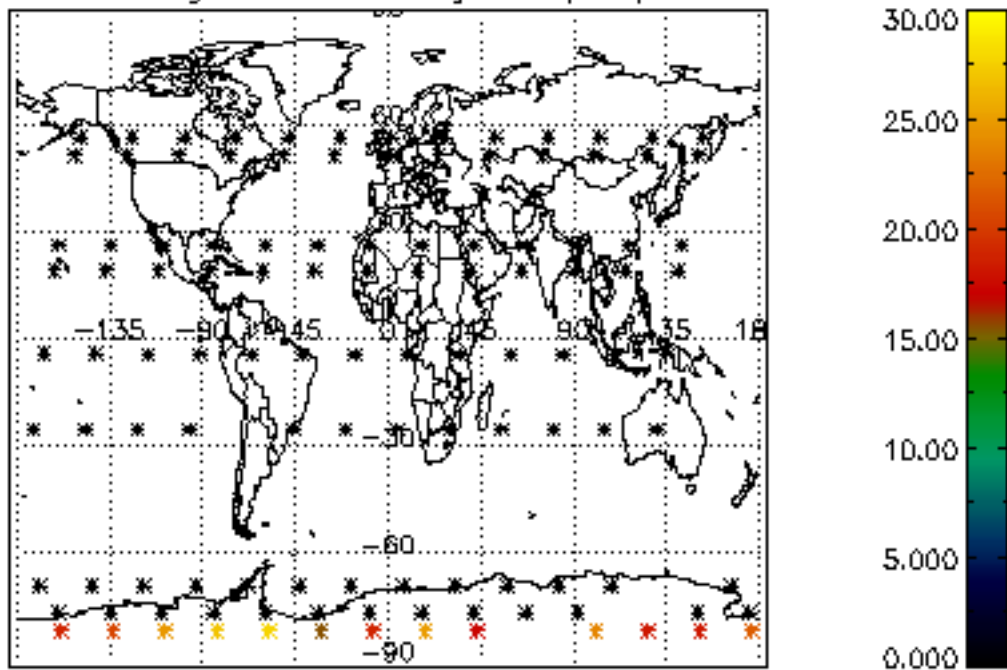
Percentage of star falling outside central band per profile



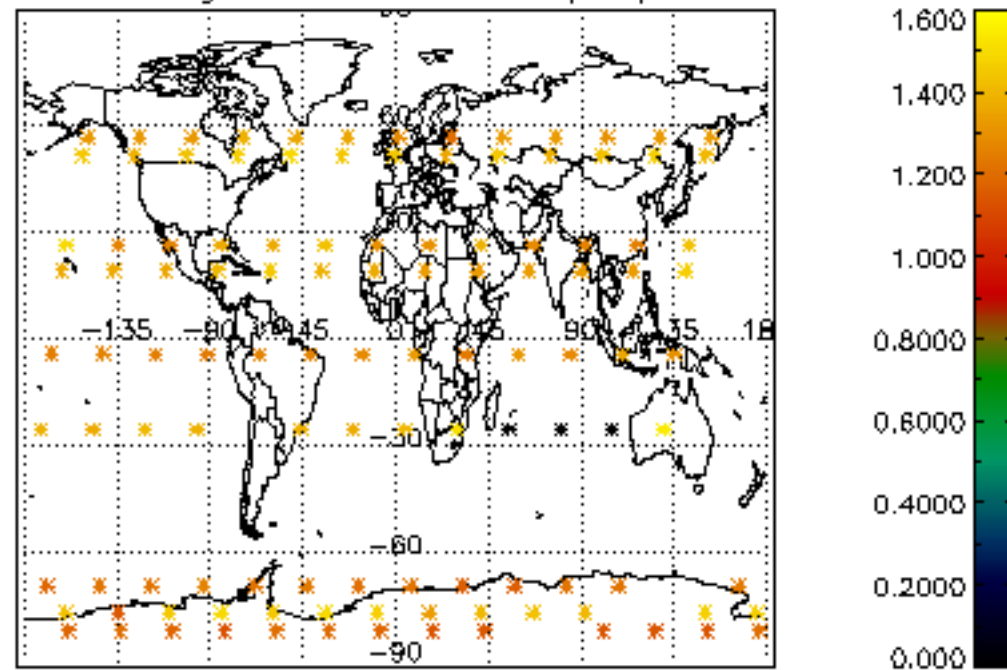
Percentage of saturation errors per profile



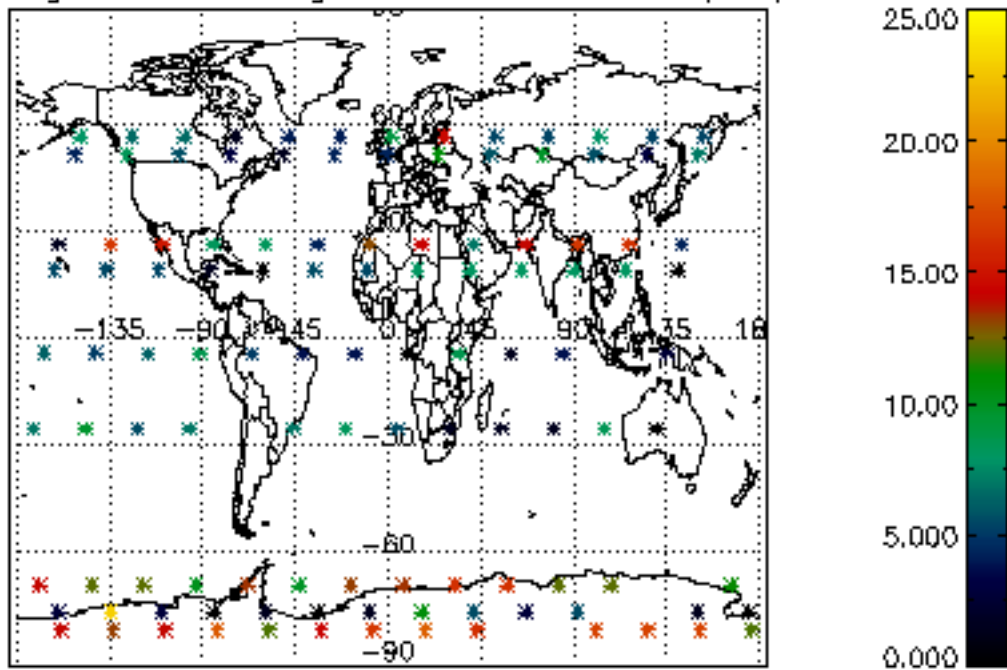
Percentage of cosmic ray hits per profile



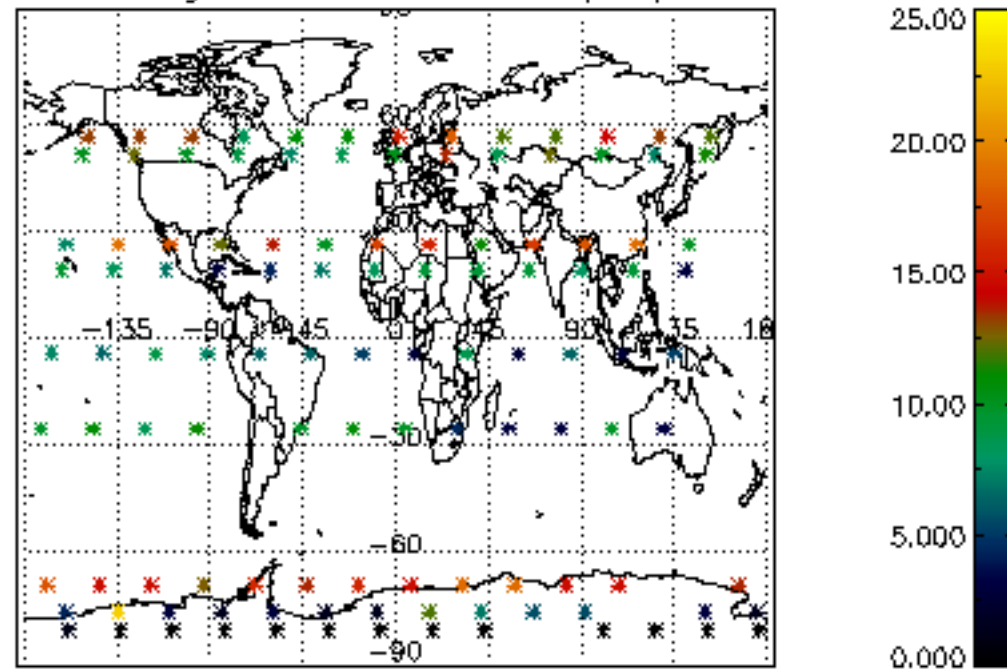
Percentage of datation errors per profile

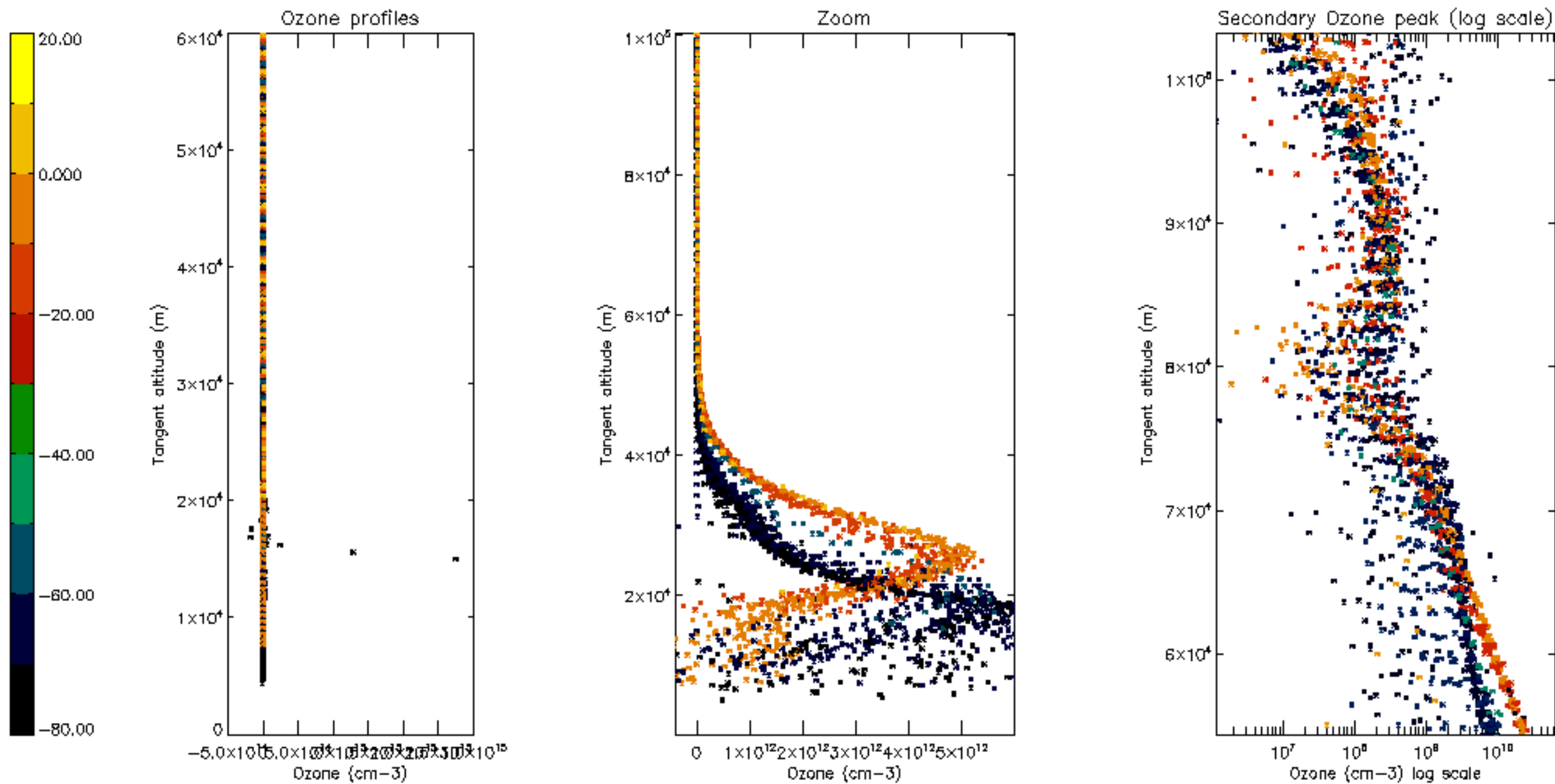


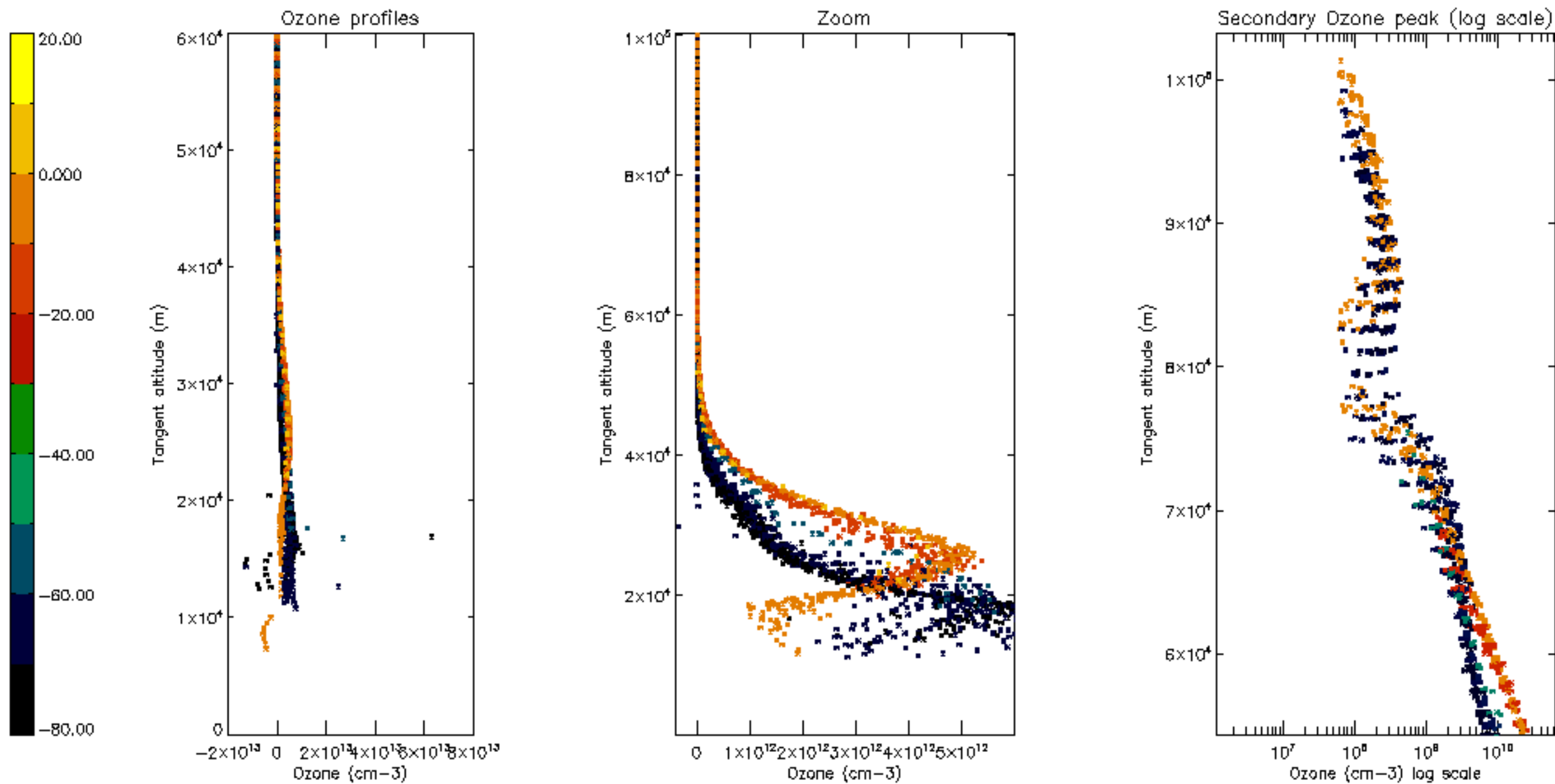
Percentage of star falling outside central band per profile

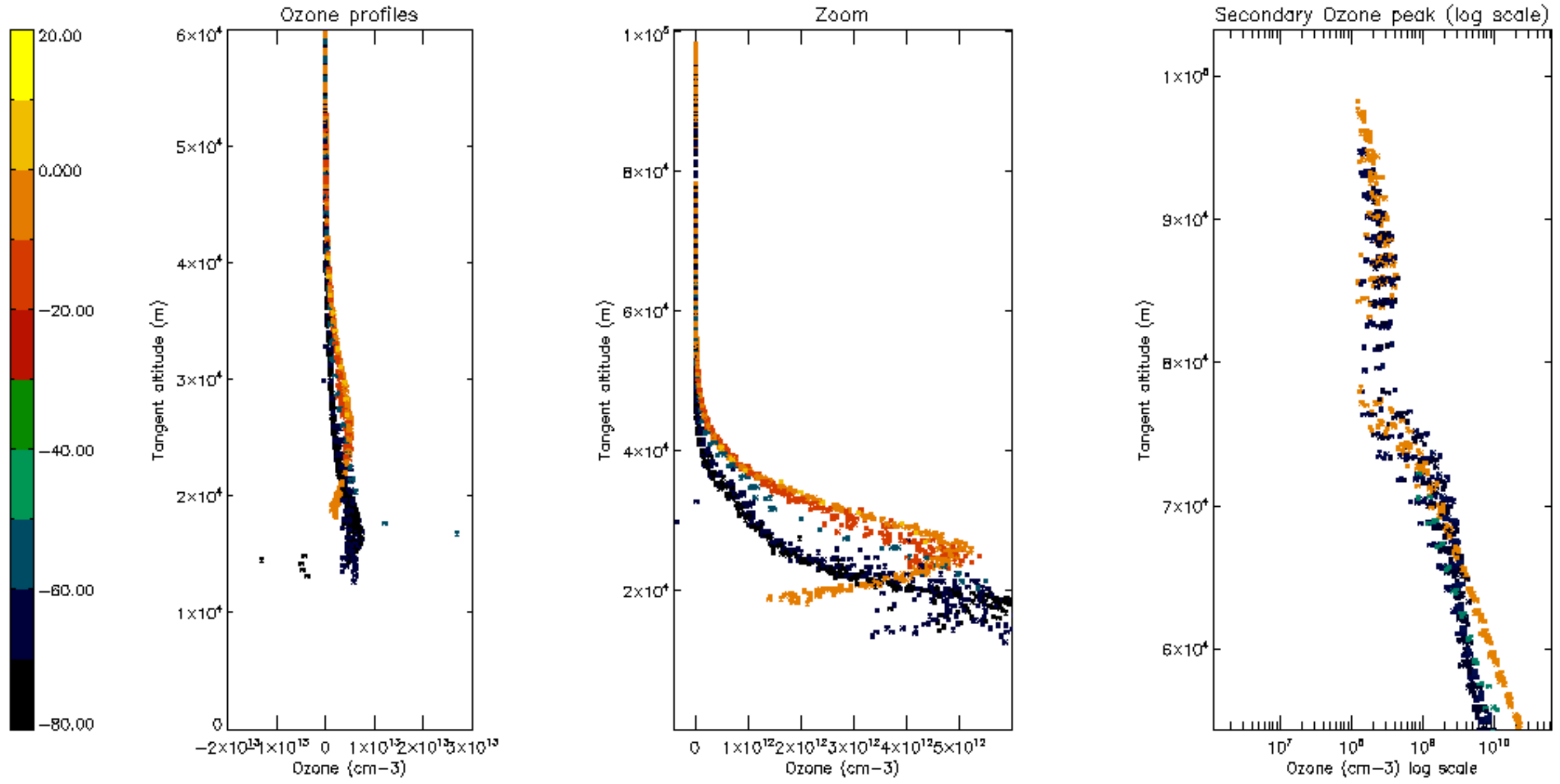


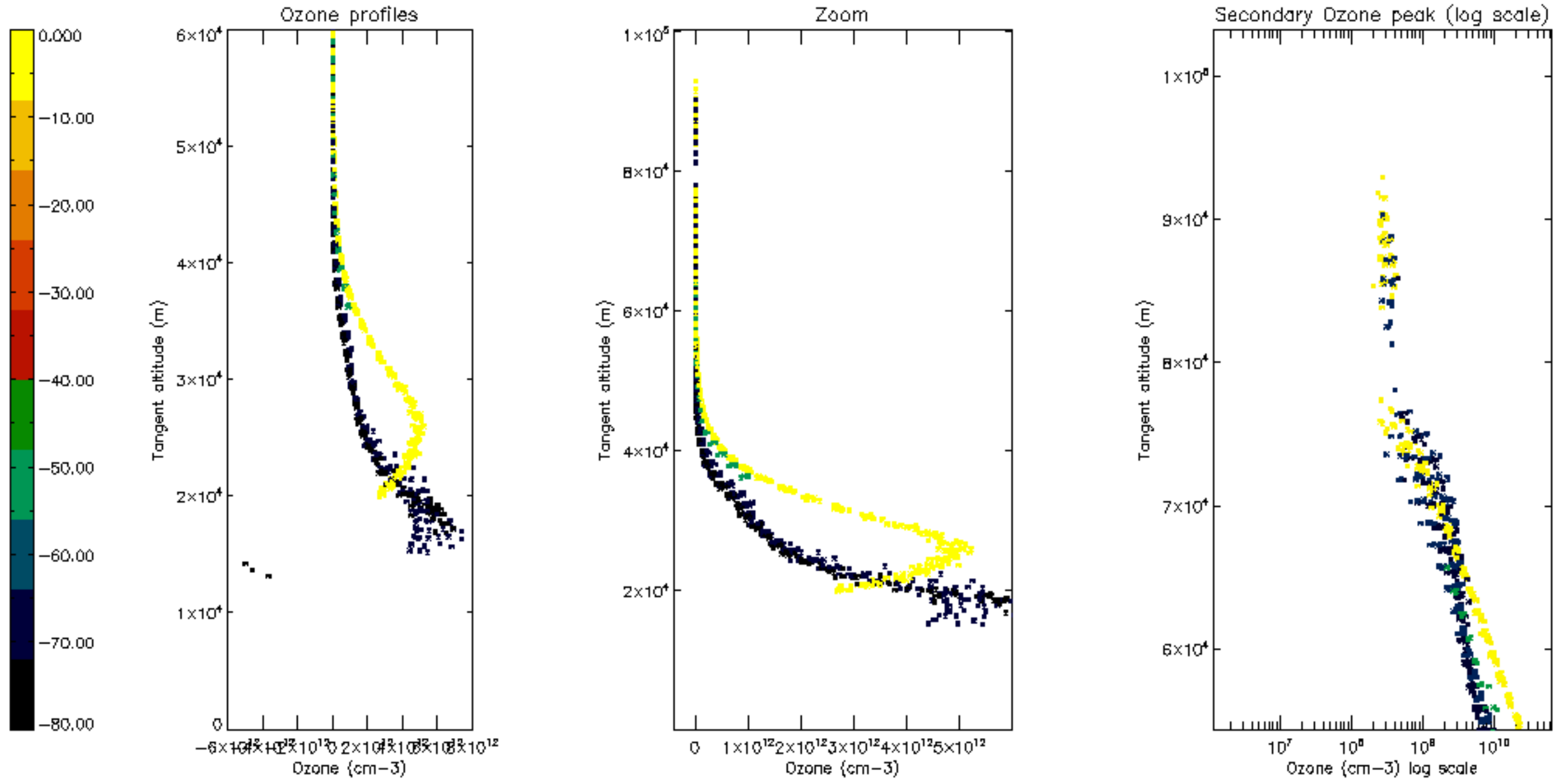
Percentage of saturation errors per profile

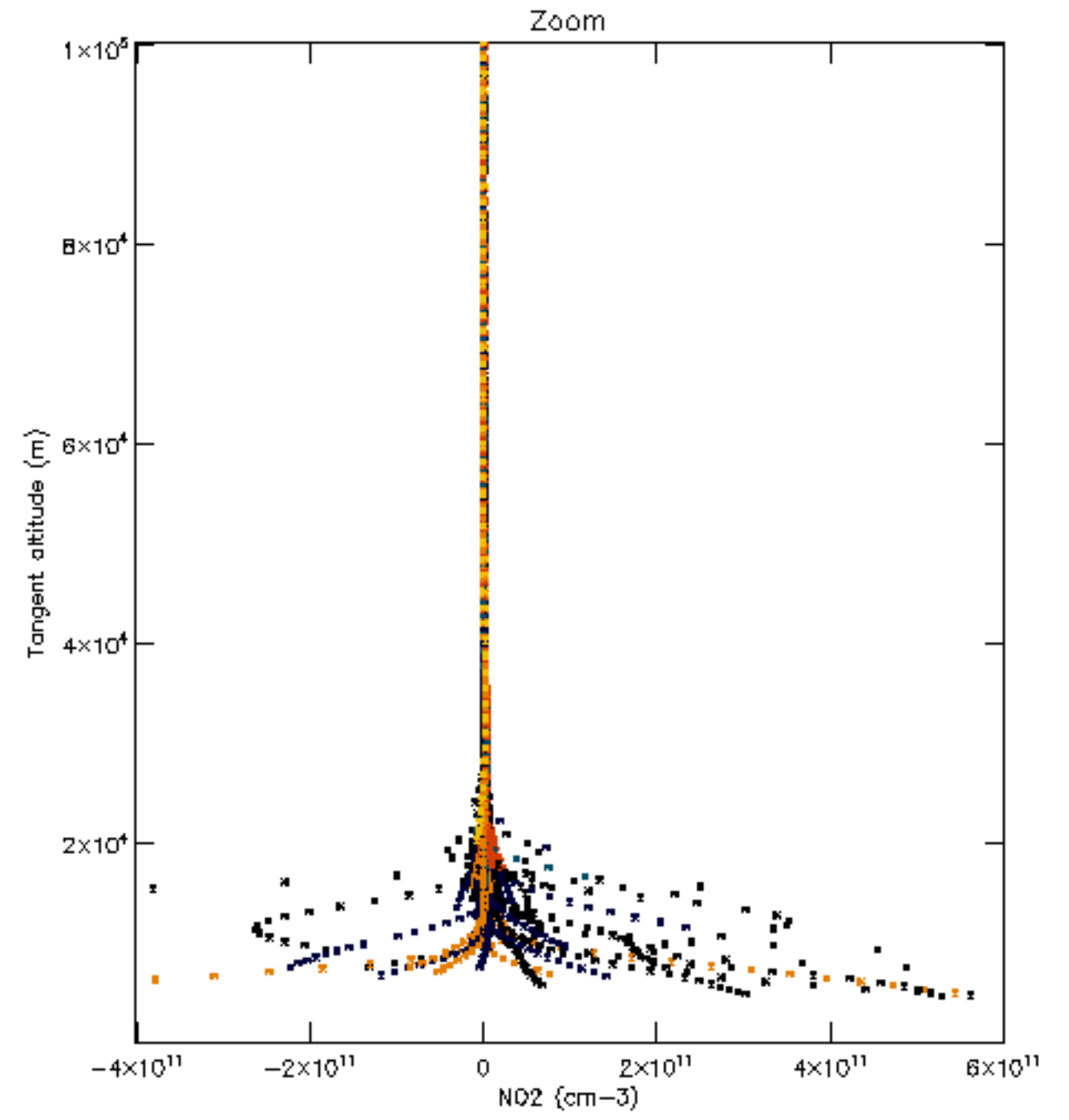
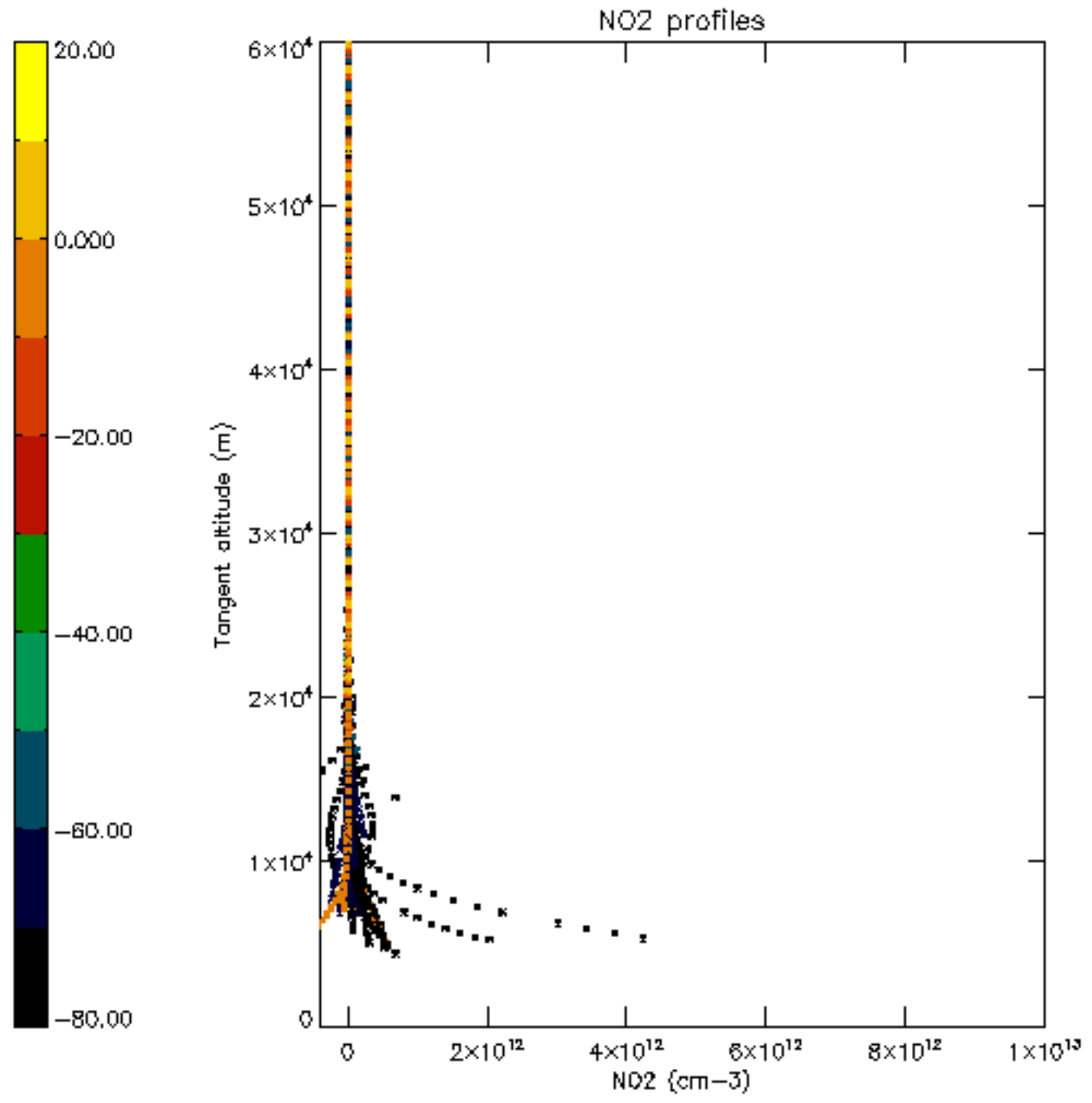


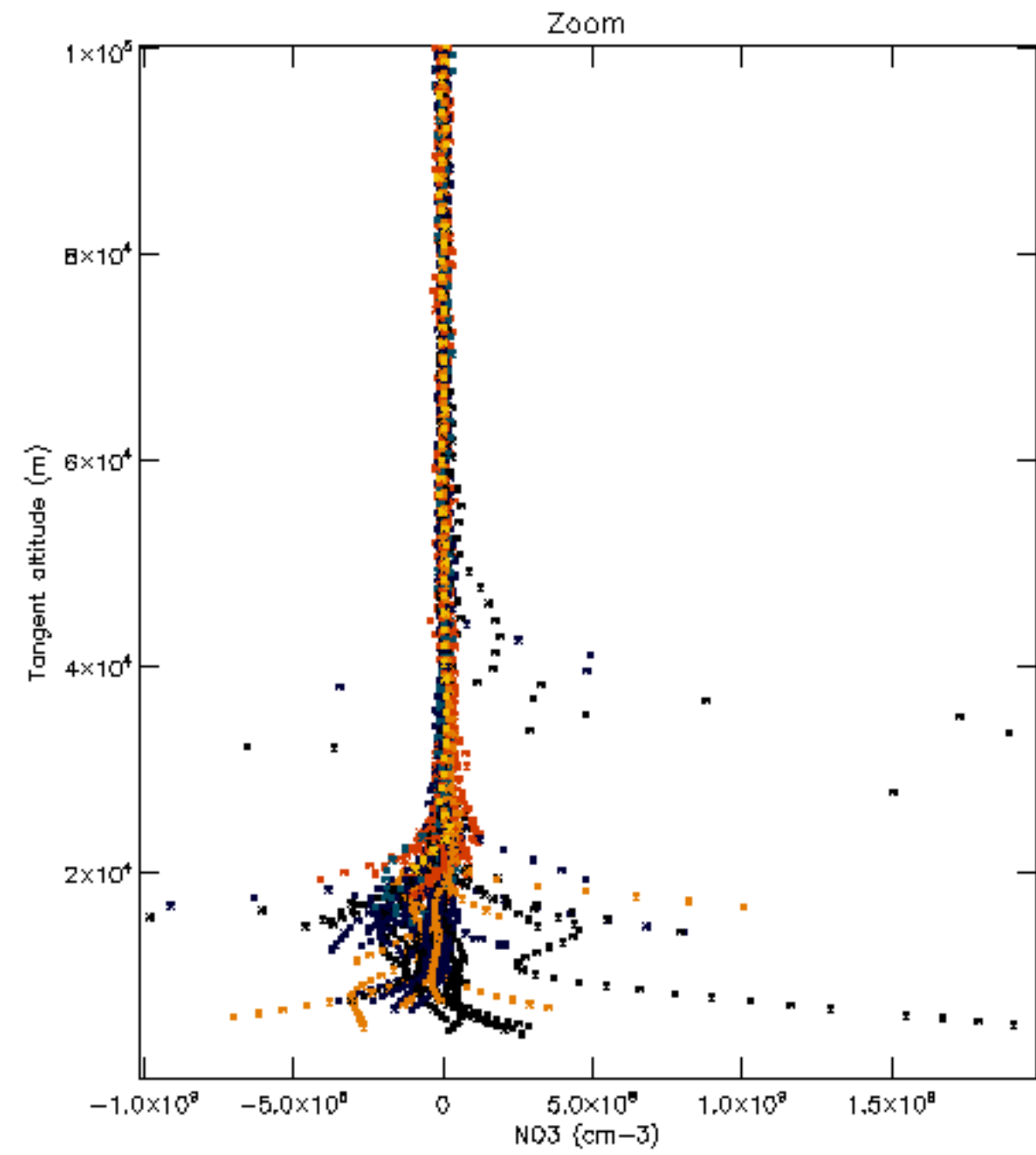
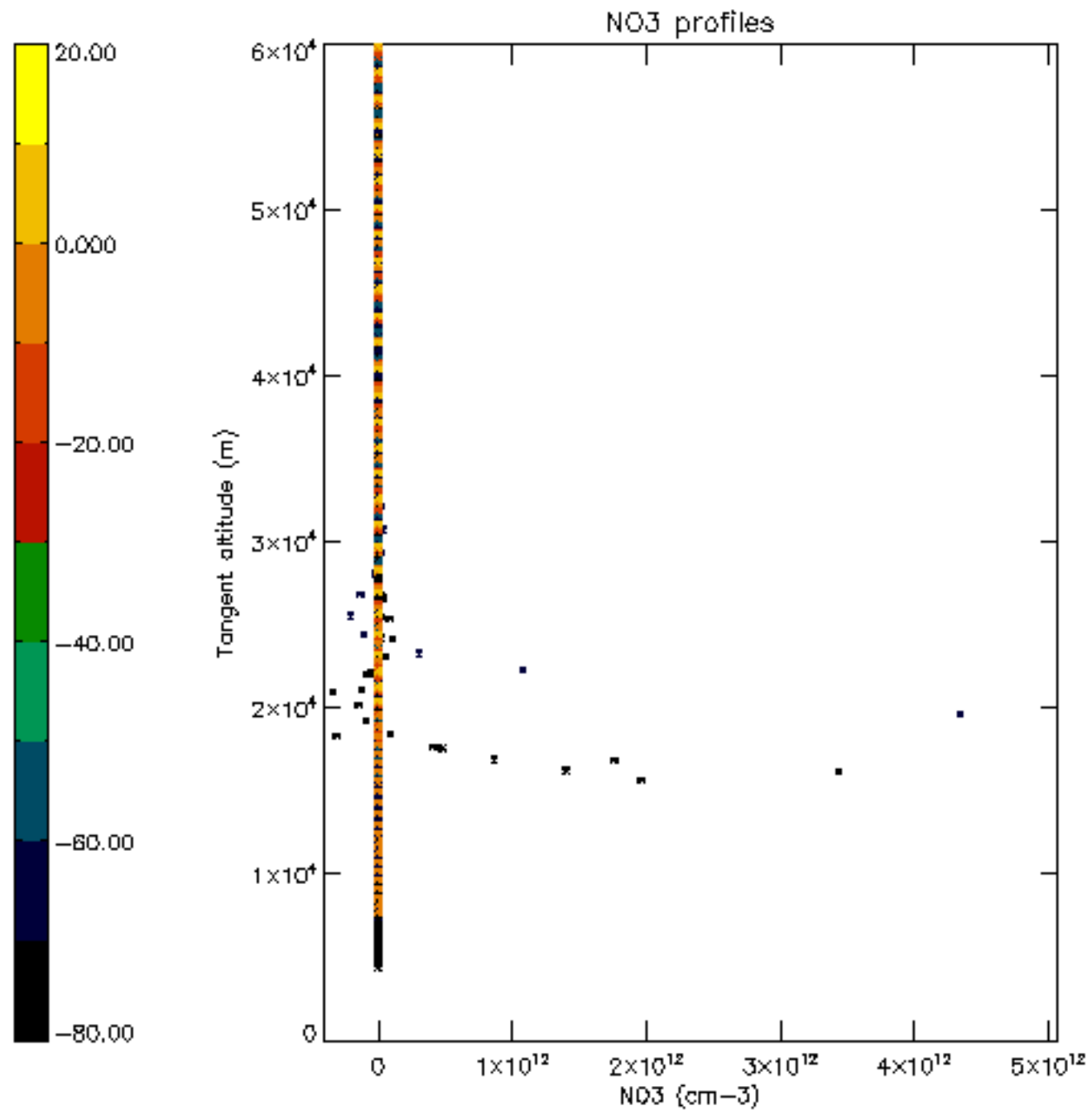


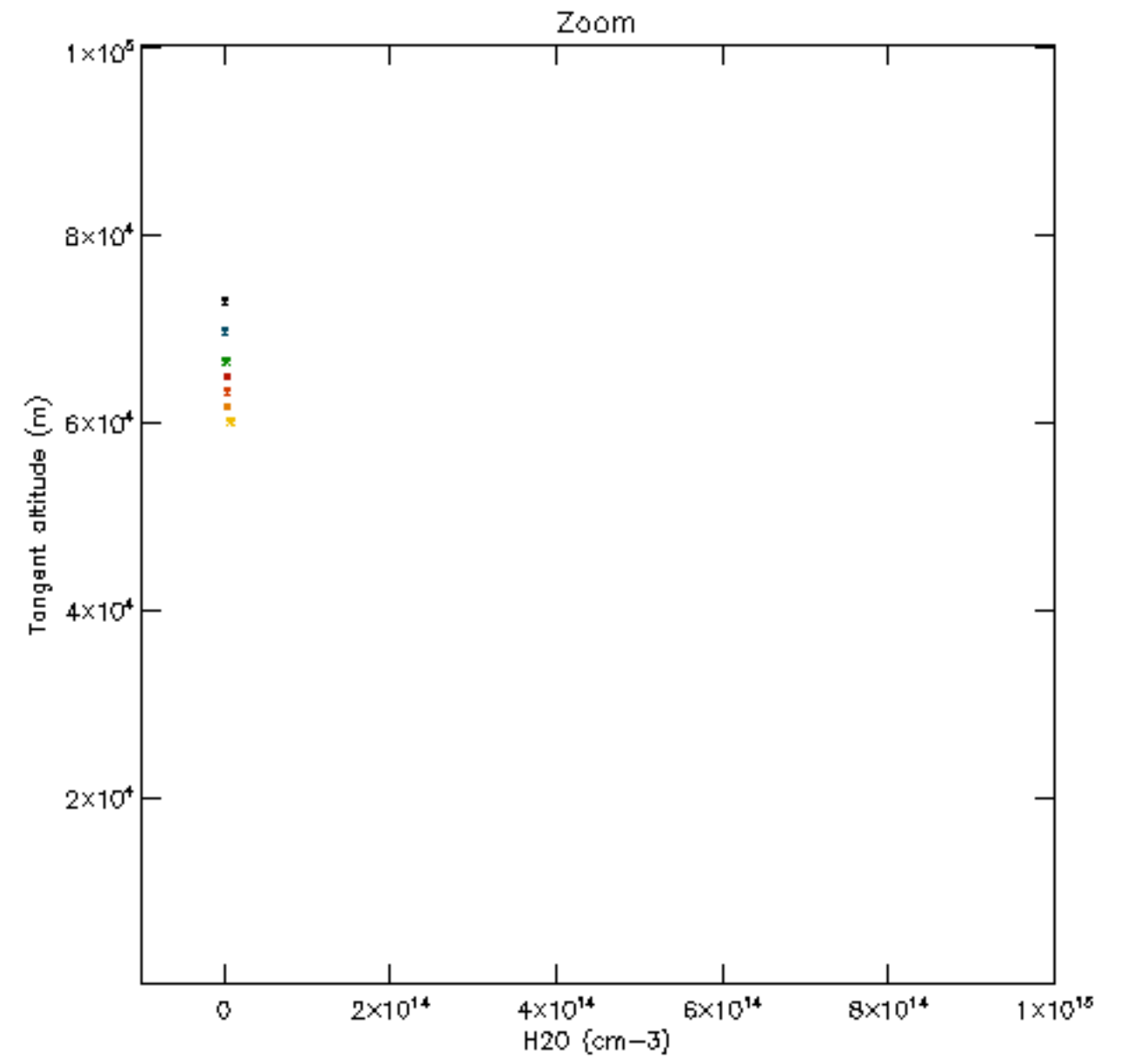
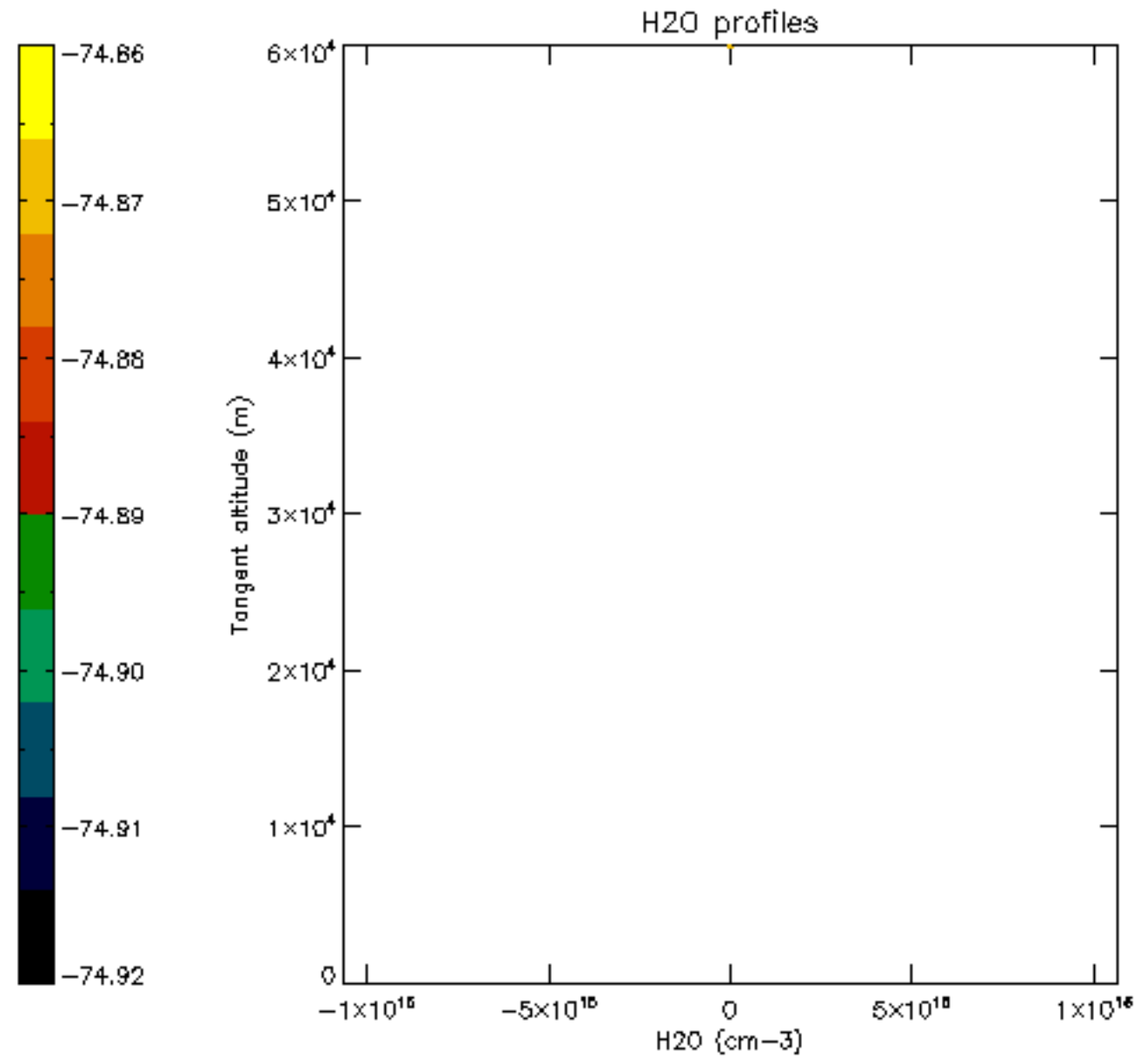


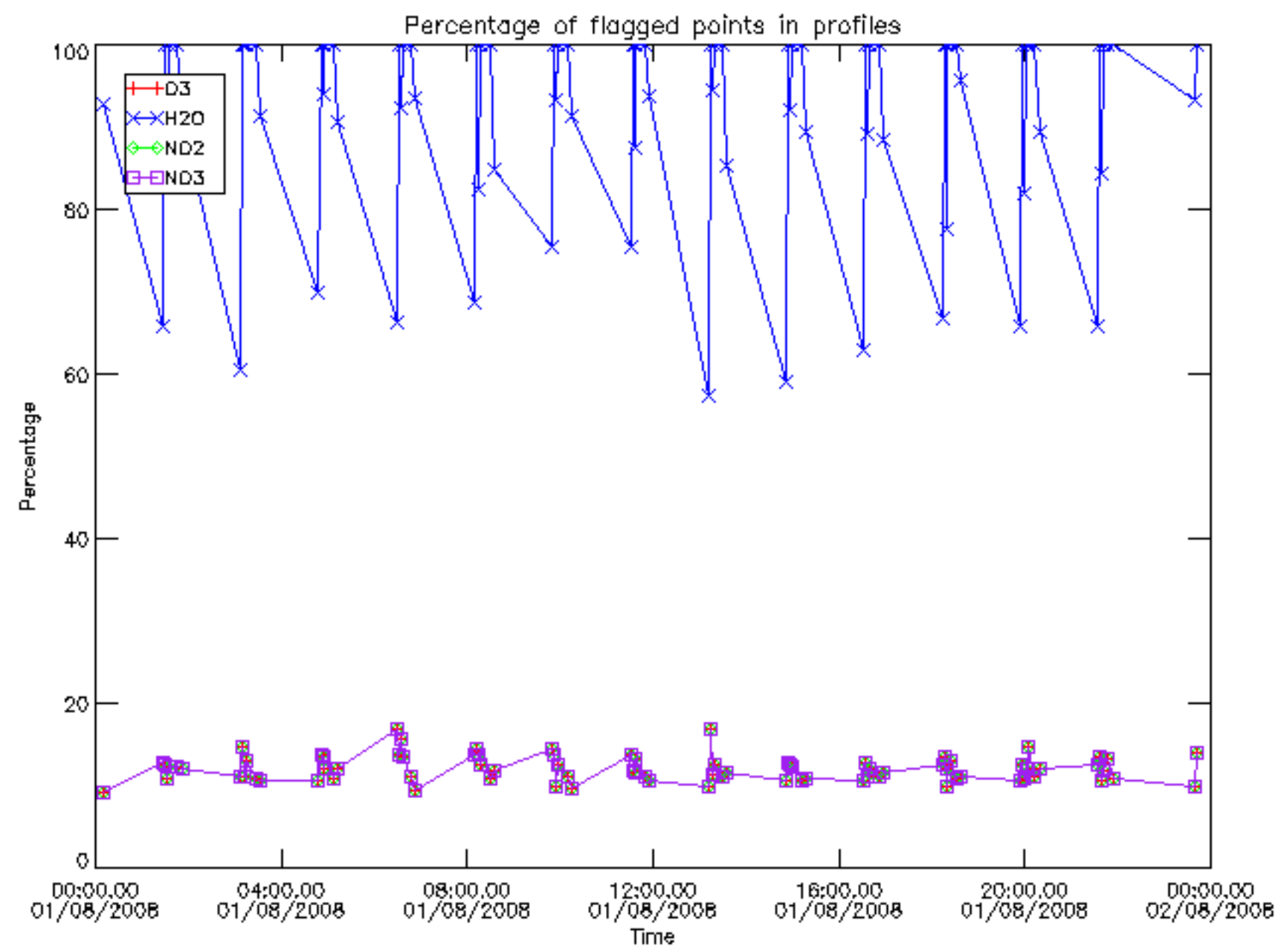




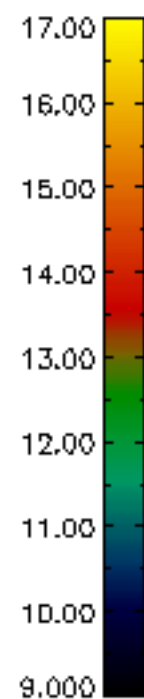
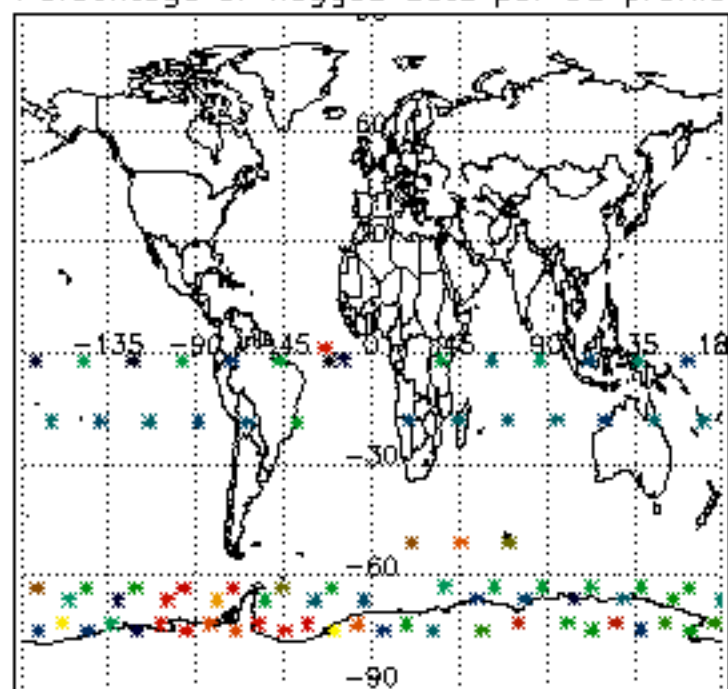




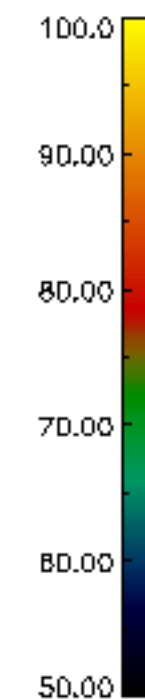
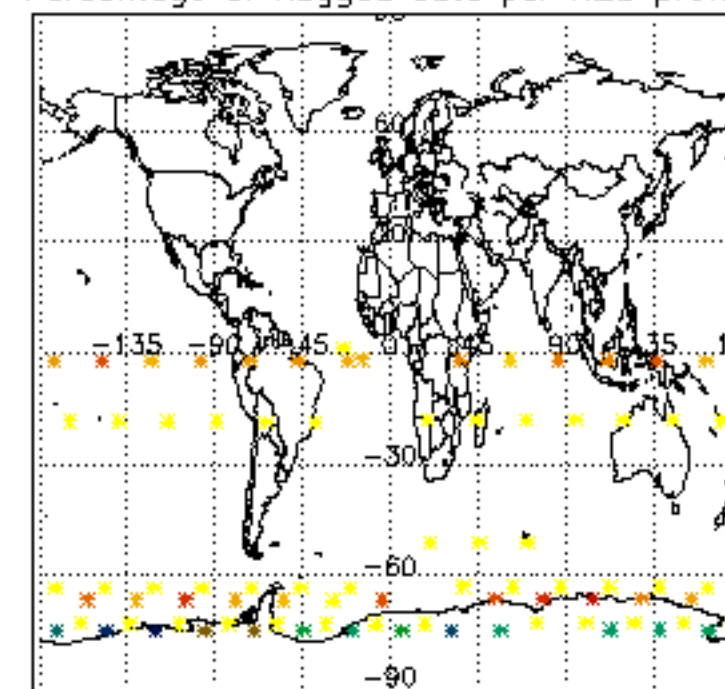




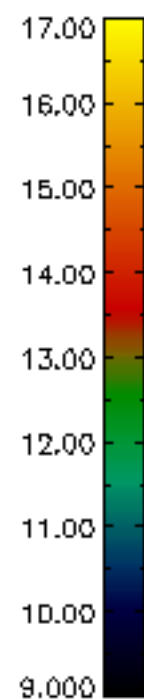
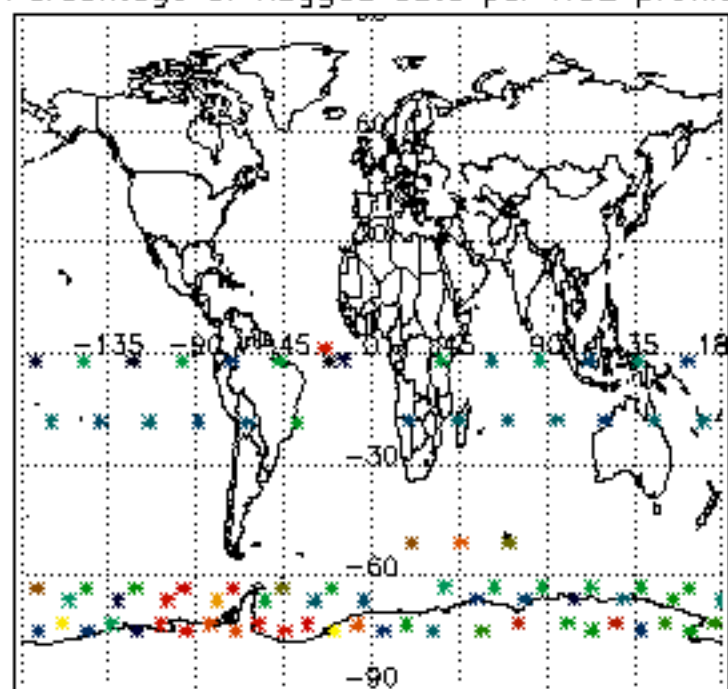
Percentage of flagged data per D3 profile



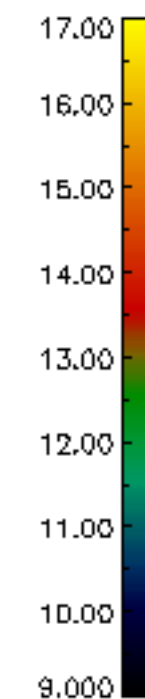
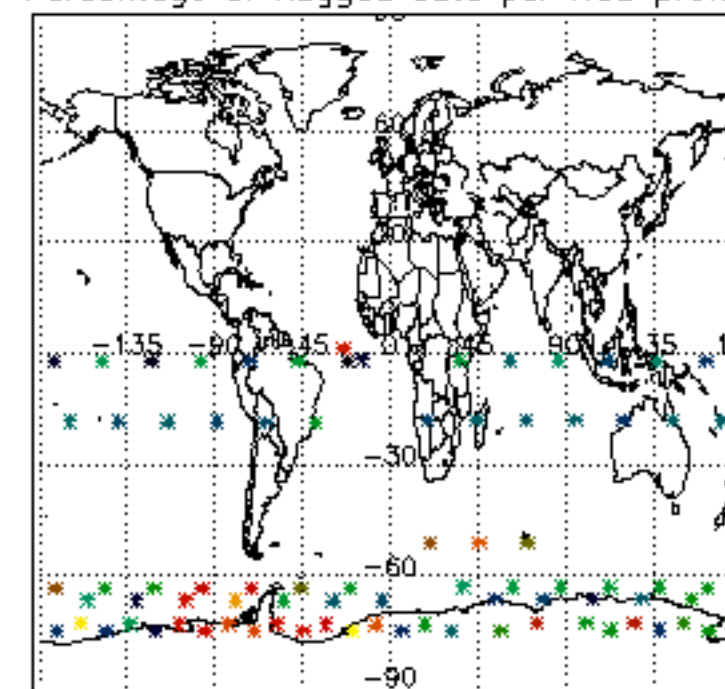
Percentage of flagged data per H2O profile

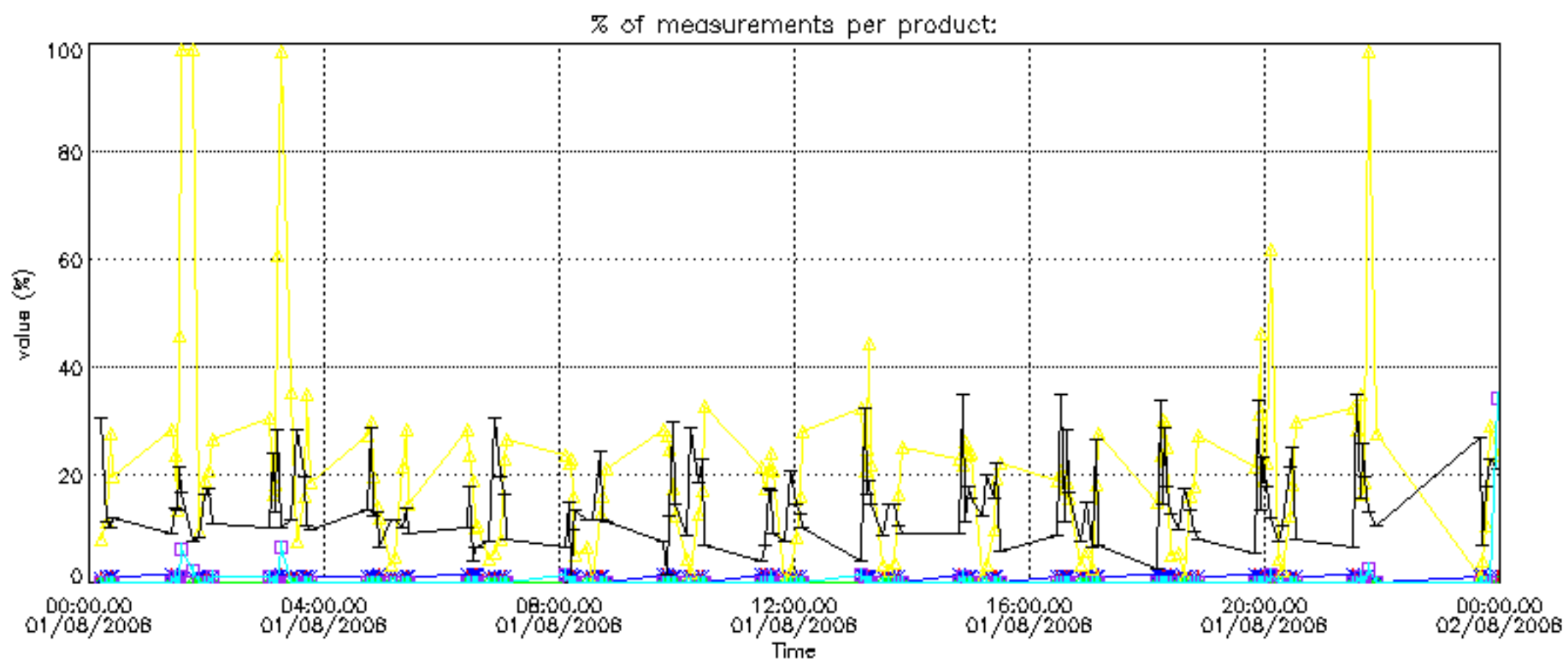


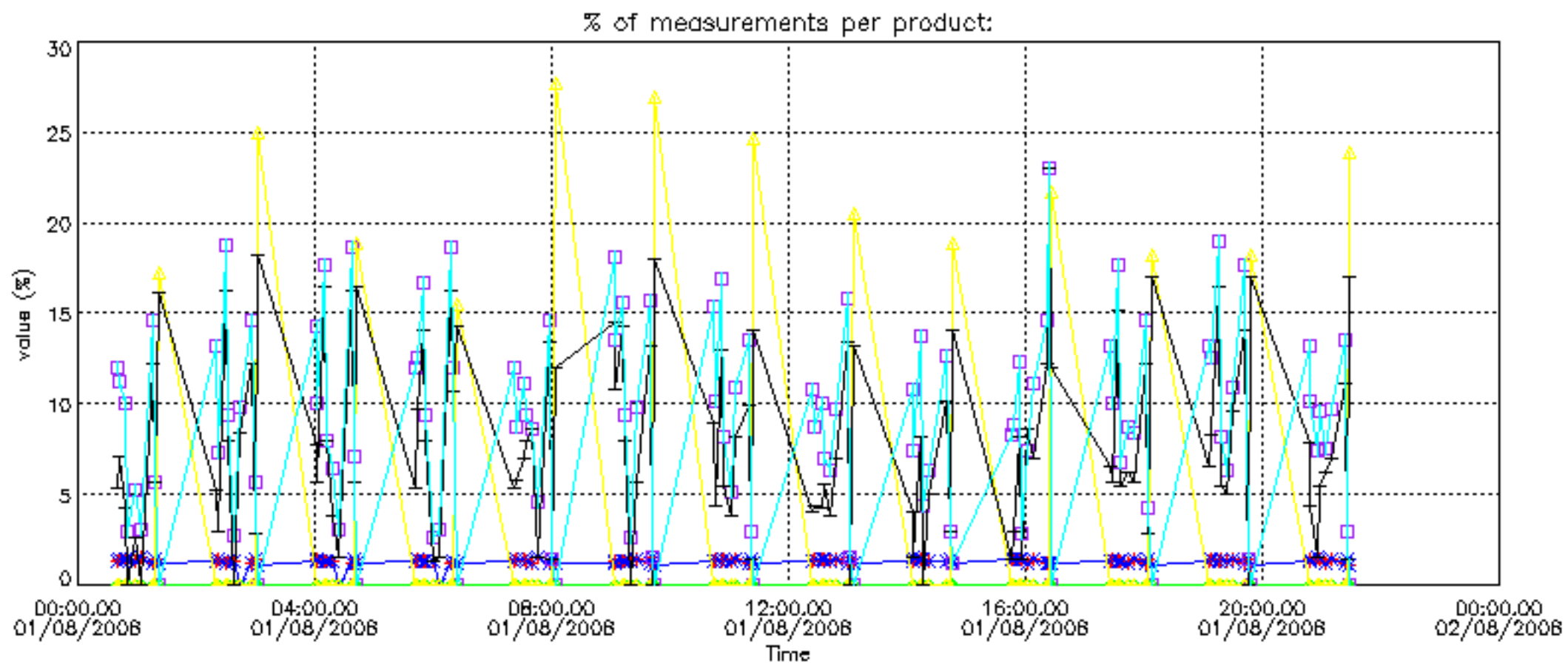
Percentage of flagged data per NO2 profile



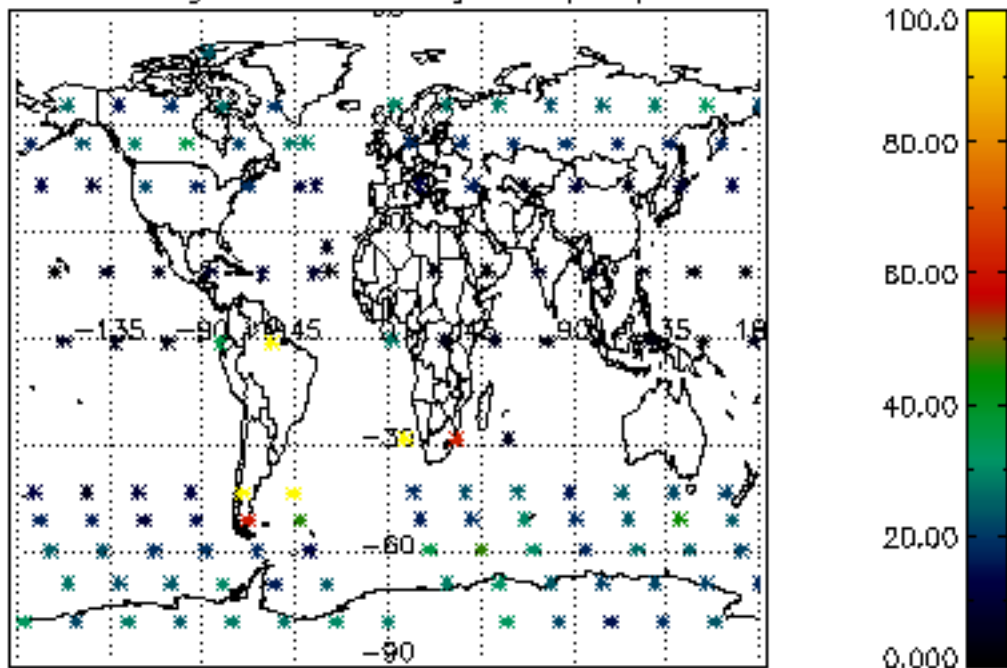
Percentage of flagged data per NO3 profile



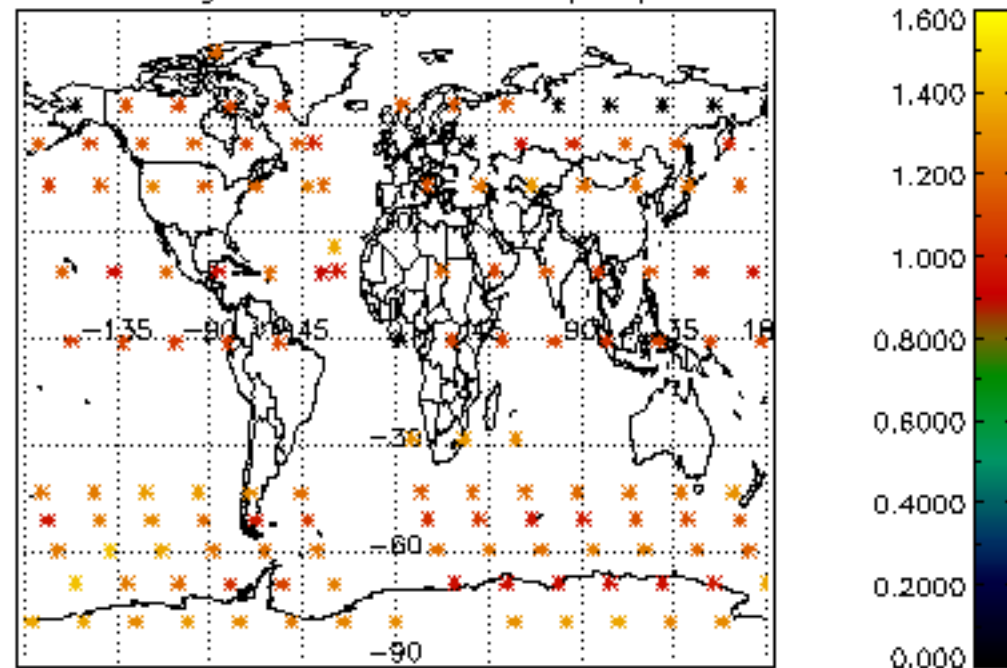




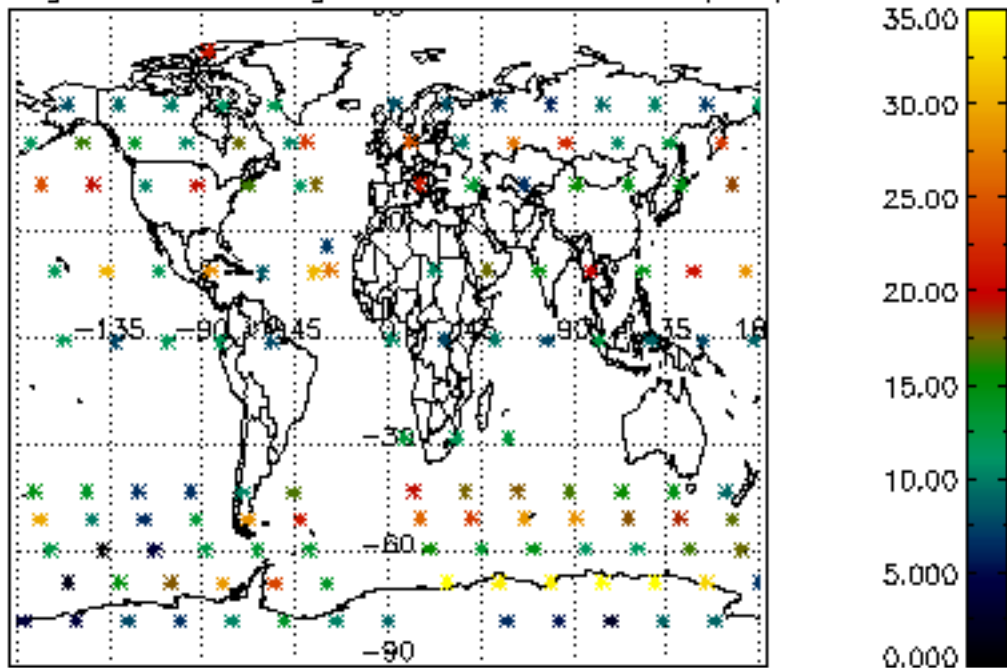
Percentage of cosmic ray hits per profile



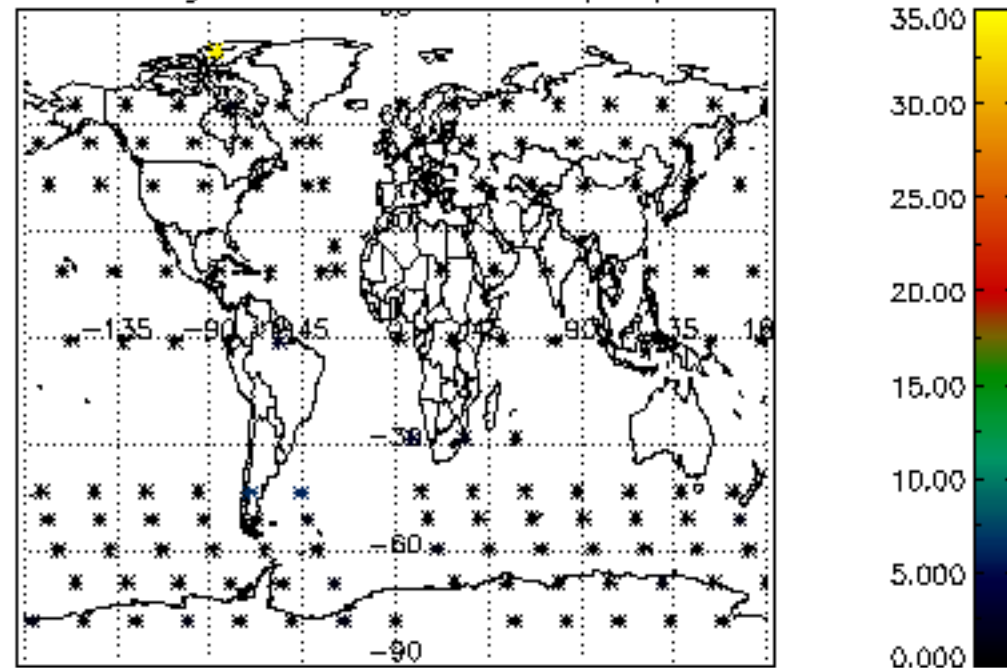
Percentage of datation errors per profile



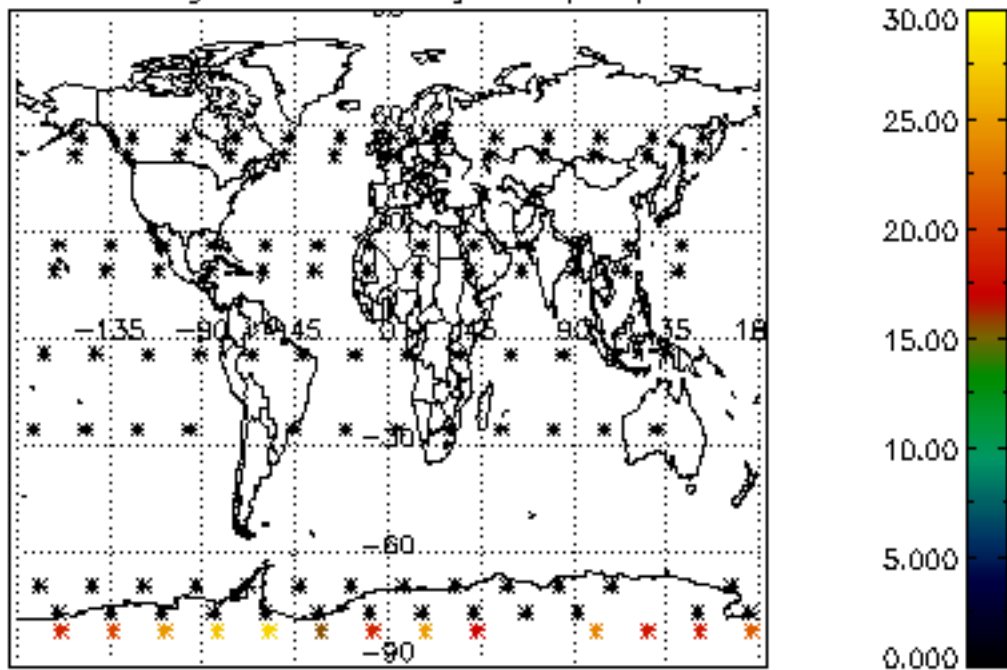
Percentage of star falling outside central band per profile



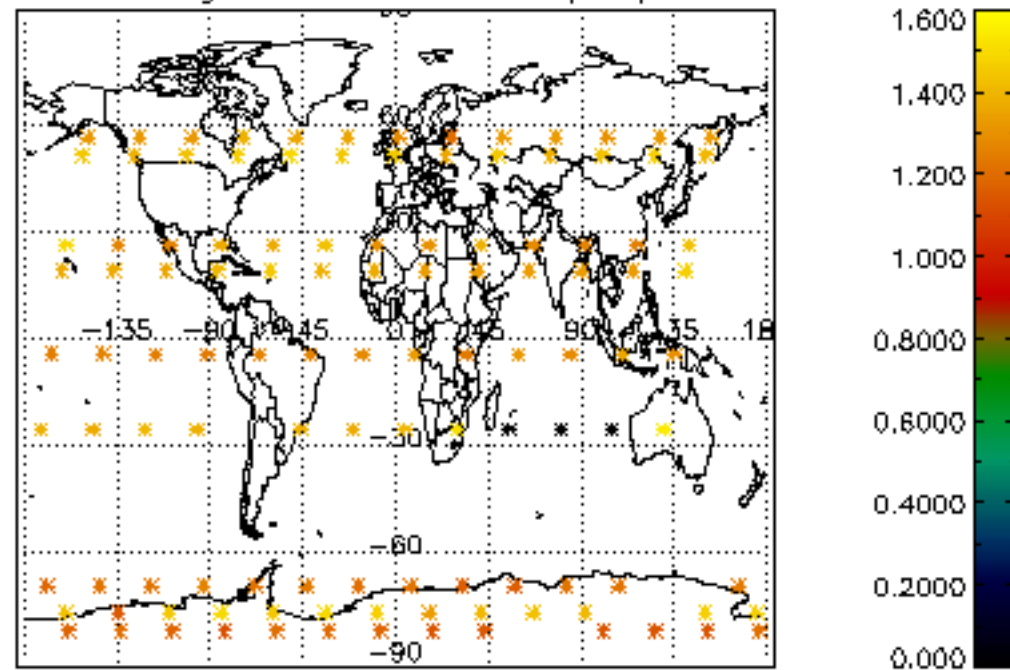
Percentage of saturation errors per profile



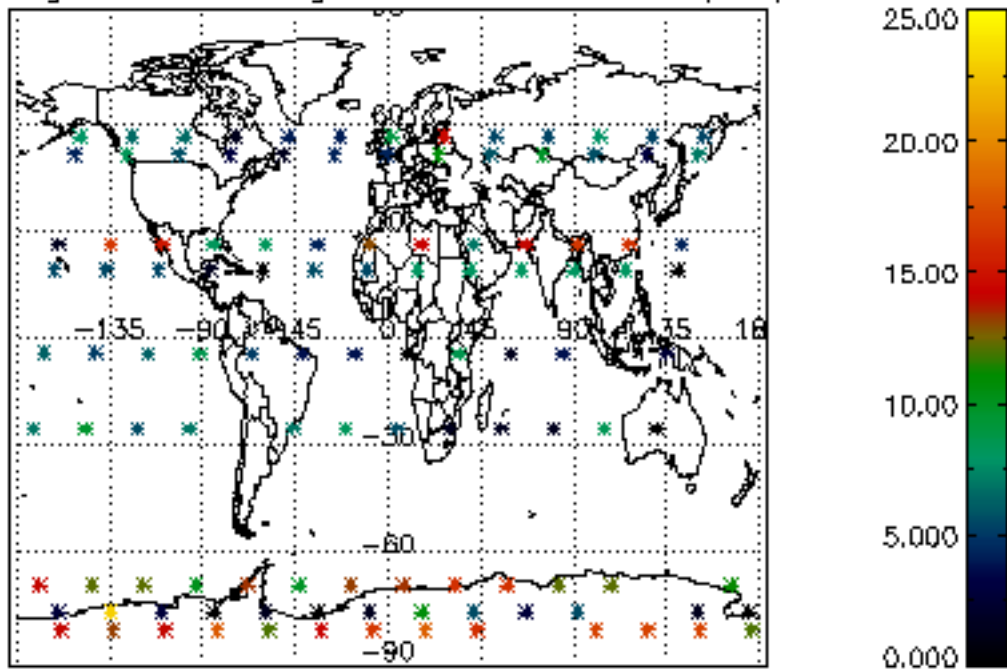
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

