

# 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 14:31:42
Data source version	GOMOS/6.01
Start time of products	21-05-2008 (21MAY2008 00:00:00)
Stop time of products	22-05-2008 (22MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	341
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__2PRFIN20080521_000226_000000412068_00417_32535_1864.N1	21-MAY-2008 00:02:26	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32535	No
2	GOM_NL__2PRFIN20080521_000552_000000352068_00417_32535_1865.N1	21-MAY-2008 00:05:52	Bright	34.500	3	16Alp Boo	-0.050000	4250.0	69	32535	No
3	GOM_NL__2PRFIN20080521_000809_000000362068_00417_32535_1866.N1	21-MAY-2008 00:08:09	Bright	36.000	83		2.3780	11000.	72	32535	No
4	GOM_NL__2PRFIN20080521_001118_000000342068_00417_32535_1867.N1	21-MAY-2008 00:11:18	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	32535	No
5	GOM_NL__2PRFIN20080521_001423_000000332068_00417_32535_1868.N1	21-MAY-2008 00:14:23	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	32535	No
6	GOM_NL__2PRFIN20080521_001935_000000422068_00417_32535_1869.N1	21-MAY-2008 00:19:35	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32535	No
7	GOM_NL__2PRFIN20080521_002131_000000352068_00417_32535_1870.N1	21-MAY-2008 00:21:31	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32535	No
8	GOM_NL__2PRFIN20080521_002603_000000322068_00417_32535_1871.N1	21-MAY-2008 00:26:03	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	32535	No
9	GOM_NL__2PRFIN20080521_003414_000000462068_00417_32535_1872.N1	21-MAY-2008 00:34:14	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	32535	No
10	GOM_NL__2PRFIN20080521_003527_000000462068_00417_32535_1873.N1	21-MAY-2008 00:35:27	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	32535	No
11	GOM_NL__2PRFIN20080521_004404_000000462068_00417_32535_1874.N1	21-MAY-2008 00:44:04	Twilight	46.000	58	21Alp And	2.0730	11000.	92	32535	No
12	GOM_NL__2PRFIN20080521_004824_000000432068_00417_32535_1875.N1	21-MAY-2008 00:48:24	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32535	No
13	GOM_NL__2PRFIN20080521_005712_000000452068_00417_32535_1876.N1	21-MAY-2008 00:57:12	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32535	No
14	GOM_NL__2PRFIN20080521_010423_000000502068_00417_32535_1877.N1	21-MAY-2008 01:04:23	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32535	No
15	GOM_NL__2PRFIN20080521_010829_000000512068_00417_32535_1878.N1	21-MAY-2008 01:08:29	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32535	No
16	GOM_NL__2PRFIN20080521_011007_000000452068_00418_32536_1867.N1	21-MAY-2008 01:10:07	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32536	No
17	GOM_NL__2PRFIN20080521_011533_000000432068_00418_32536_1868.N1	21-MAY-2008 01:15:33	Dark	43.000	45	Alp Pav	1.9400	26000.	86	32536	No
18	GOM_NL__2PRFIN20080521_012228_000000432068_00418_32536_1869.N1	21-MAY-2008 01:22:28	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32536	No
19	GOM_NL__2PRFIN20080521_012511_000000502068_00418_32536_1870.N1	21-MAY-2008 01:25:11	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32536	No
20	GOM_NL__2PRFIN20080521_012702_000000502068_00418_32536_1871.N1	21-MAY-2008 01:27:02	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	32536	No
21	GOM_NL__2PRFIN20080521_012910_000000482068_00418_32536_1872.N1	21-MAY-2008 01:29:10	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	32536	No
22	GOM_NL__2PRFIN20080521_013229_000000602068_00418_32536_1873.N1	21-MAY-2008 01:32:29	Bright	59.500	156	20Sig Sco	2.9030	28000.	119	32536	No
23	GOM_NL__2PRFIN20080521_013432_000000432068_00418_32536_1874.N1	21-MAY-2008 01:34:32	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32536	No
24	GOM_NL__2PRFIN20080521_013619_000000362068_00418_32536_1875.N1	21-MAY-2008 01:36:19	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32536	No
25	GOM_NL__2PRFIN20080521_013804_000000382068_00418_32536_1876.N1	21-MAY-2008 01:38:04	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32536	No
26	GOM_NL__2PRFIN20080521_014302_000000412068_00418_32536_1877.N1	21-MAY-2008 01:43:02	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32536	No
27	GOM_NL__2PRFIN20080521_014628_000000362068_00418_32536_1878.N1	21-MAY-2008 01:46:28	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32536	No
28	GOM_NL__2PRFIN20080521_014844_000000382068_00418_32536_1879.N1	21-MAY-2008 01:48:44	Bright	38.000	83		2.3780	11000.	76	32536	No
29	GOM_NL__2PRFIN20080521_015154_000000362068_00418_32536_1880.N1	21-MAY-2008 01:51:54	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32536	No
30	GOM_NL__2PRFIN20080521_015459_000000362068_00418_32536_1881.N1	21-MAY-2008 01:54:59	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32536	No
31	GOM_NL__2PRFIN20080521_020010_000000402068_00418_32536_1882.N1	21-MAY-2008 02:00:10	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32536	No
32	GOM_NL__2PRFIN20080521_020207_000000342068_00418_32536_1883.N1	21-MAY-2008 02:02:07	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	32536	No
33	GOM_NL__2PRFIN20080521_020639_000000342068_00418_32536_1884.N1	21-MAY-2008 02:06:39	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	32536	No
34	GOM_NL__2PRFIN20080521_021450_000000532068_00418_32536_1885.N1	21-MAY-2008 02:14:50	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32536	No
35	GOM_NL__2PRFIN20080521_021602_000000402068_00418_32536_1886.N1	21-MAY-2008 02:16:02	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	32536	No
36	GOM_NL__2PRFIN20080521_022440_000000472068_00418_32536_1887.N1	21-MAY-2008 02:24:40	Twilight	46.500	58	21Alp And	2.0730	11000.	93	32536	No
37	GOM_NL__2PRFIN20080521_022901_000000452068_00418_32536_1888.N1	21-MAY-2008 02:29:01	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32536	No
38	GOM_NL__2PRFIN20080521_023748_000000442068_00418_32536_1889.N1	21-MAY-2008 02:37:48	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32536	No
39	GOM_NL__2PRFIN20080521_024500_000000502068_00418_32536_1890.N1	21-MAY-2008 02:45:00	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32536	No
40	GOM_NL__2PRFIN20080521_024906_000000572068_00418_32536_1891.N1	21-MAY-2008 02:49:06	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32536	No
41	GOM_NL__2PRFIN20080521_025043_000000432068_00419_32537_1891.N1	21-MAY-2008 02:50:43	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32537	No
42	GOM_NL__2PRFIN20080521_025610_000000412068_00419_32537_1892.N1	21-MAY-2008 02:56:10	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32537	No

43	GOM_NL__2PRFIN20080521_030304_000000402068_00419_32537_1893.N1	21-MAY-2008 03:03:04	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32537	No
44	GOM_NL__2PRFIN20080521_030548_000000482068_00419_32537_1894.N1	21-MAY-2008 03:05:48	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32537	No
45	GOM_NL__2PRFIN20080521_030739_000000522068_00419_32537_1895.N1	21-MAY-2008 03:07:39	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	32537	No
46	GOM_NL__2PRFIN20080521_030946_000000522068_00419_32537_1896.N1	21-MAY-2008 03:09:46	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32537	No
47	GOM_NL__2PRFIN20080521_031305_000000602068_00419_32537_1897.N1	21-MAY-2008 03:13:05	Bright	60.000	156	20Sig Sco	2.9030	28000.	120	32537	No
48	GOM_NL__2PRFIN20080521_031508_000000432068_00419_32537_1898.N1	21-MAY-2008 03:15:08	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32537	No
49	GOM_NL__2PRFIN20080521_031655_000000372068_00419_32537_1899.N1	21-MAY-2008 03:16:55	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32537	No
50	GOM_NL__2PRFIN20080521_031840_000000382068_00419_32537_1900.N1	21-MAY-2008 03:18:40	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32537	No
51	GOM_NL__2PRFIN20080521_032338_000000412068_00419_32537_1901.N1	21-MAY-2008 03:23:38	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32537	No
52	GOM_NL__2PRFIN20080521_032704_000000362068_00419_32537_1902.N1	21-MAY-2008 03:27:04	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32537	No
53	GOM_NL__2PRFIN20080521_032920_000000372068_00419_32537_1903.N1	21-MAY-2008 03:29:20	Bright	36.500	83		2.3780	11000.	73	32537	No
54	GOM_NL__2PRFIN20080521_033230_000000352068_00419_32537_1904.N1	21-MAY-2008 03:32:30	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32537	No
55	GOM_NL__2PRFIN20080521_033539_000000302068_00419_32537_1905.N1	21-MAY-2008 03:35:39	Bright	30.000	39	85Eta UMa	1.8540	24000.	60	32537	No
56	GOM_NL__2PRFIN20080521_034046_000000392068_00419_32537_1906.N1	21-MAY-2008 03:40:46	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32537	No
57	GOM_NL__2PRFIN20080521_034243_000000342068_00419_32537_1907.N1	21-MAY-2008 03:42:43	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32537	No
58	GOM_NL__2PRFIN20080521_034715_000000362068_00419_32537_1908.N1	21-MAY-2008 03:47:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32537	No
59	GOM_NL__2PRFIN20080521_035526_000000342068_00419_32537_1909.N1	21-MAY-2008 03:55:26	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32537	No
60	GOM_NL__2PRFIN20080521_035638_000000362068_00419_32537_1910.N1	21-MAY-2008 03:56:38	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32537	No
61	GOM_NL__2PRFIN20080521_040516_000000462068_00419_32537_1911.N1	21-MAY-2008 04:05:16	Tw_i_and_stray	46.000	58	21Alp And	2.0730	11000.	92	32537	No
62	GOM_NL__2PRFIN20080521_040937_000000442068_00419_32537_1912.N1	21-MAY-2008 04:09:37	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32537	No
63	GOM_NL__2PRFIN20080521_041824_000000422068_00419_32537_1913.N1	21-MAY-2008 04:18:24	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32537	No
64	GOM_NL__2PRFIN20080521_042537_000000502068_00419_32537_1914.N1	21-MAY-2008 04:25:37	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32537	No
65	GOM_NL__2PRFIN20080521_042942_000000432068_00419_32537_1915.N1	21-MAY-2008 04:29:42	Dark	42.500	63	Bet Gru	2.1500	2800.0	85	32537	No
66	GOM_NL__2PRFIN20080521_043120_000000432068_00420_32538_1906.N1	21-MAY-2008 04:31:20	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32538	No
67	GOM_NL__2PRFIN20080521_043647_000000402068_00420_32538_1907.N1	21-MAY-2008 04:36:47	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32538	No
68	GOM_NL__2PRFIN20080521_044341_000000402068_00420_32538_1908.N1	21-MAY-2008 04:43:41	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32538	No
69	GOM_NL__2PRFIN20080521_044624_000000452068_00420_32538_1909.N1	21-MAY-2008 04:46:24	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32538	No
70	GOM_NL__2PRFIN20080521_044815_000000522068_00420_32538_1910.N1	21-MAY-2008 04:48:15	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	32538	No
71	GOM_NL__2PRFIN20080521_045022_000000482068_00420_32538_1911.N1	21-MAY-2008 04:50:22	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32538	No
72	GOM_NL__2PRFIN20080521_045317_000000612068_00420_32538_1912.N1	21-MAY-2008 04:53:17	Tw_i_and_stray	61.000	16	21Alp Sco	1.0200	3000.0	122	32538	No
73	GOM_NL__2PRFIN20080521_045544_000000422068_00420_32538_1913.N1	21-MAY-2008 04:55:44	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	32538	No
74	GOM_NL__2PRFIN20080521_045731_000000362068_00420_32538_1914.N1	21-MAY-2008 04:57:31	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32538	No
75	GOM_NL__2PRFIN20080521_045916_000000382068_00420_32538_1915.N1	21-MAY-2008 04:59:16	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32538	No
76	GOM_NL__2PRFIN20080521_050414_000000412068_00420_32538_1916.N1	21-MAY-2008 05:04:14	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32538	No
77	GOM_NL__2PRFIN20080521_050740_000000352068_00420_32538_1917.N1	21-MAY-2008 05:07:40	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32538	No
78	GOM_NL__2PRFIN20080521_050956_000000392068_00420_32538_1918.N1	21-MAY-2008 05:09:56	Bright	39.000	83		2.3780	11000.	78	32538	No
79	GOM_NL__2PRFIN20080521_051306_000000352068_00420_32538_1919.N1	21-MAY-2008 05:13:06	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32538	No
80	GOM_NL__2PRFIN20080521_052121_000000412068_00420_32538_1920.N1	21-MAY-2008 05:21:21	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32538	No
81	GOM_NL__2PRFIN20080521_052319_000000382068_00420_32538_1921.N1	21-MAY-2008 05:23:19	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32538	No
82	GOM_NL__2PRFIN20080521_052750_000000332068_00420_32538_1922.N1	21-MAY-2008 05:27:50	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32538	No
83	GOM_NL__2PRFIN20080521_053602_000000532068_00420_32538_1923.N1	21-MAY-2008 05:36:02	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32538	No
84	GOM_NL__2PRFIN20080521_053714_000000542068_00420_32538_1924.N1	21-MAY-2008 05:37:14	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32538	No
85	GOM_NL__2PRFIN20080521_054552_000000442068_00420_32538_1925.N1	21-MAY-2008 05:45:52	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	32538	No
86	GOM_NL__2PRFIN20080521_055013_000000442068_00420_32538_1926.N1	21-MAY-2008 05:50:13	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32538	No
87	GOM_NL__2PRFIN20080521_055901_000000442068_00420_32538_1927.N1	21-MAY-2008 05:59:01	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32538	No
88	GOM_NL__2PRFIN20080521_061019_000000502068_00420_32538_1928.N1	21-MAY-2008 06:10:19	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32538	No
89	GOM_NL__2PRFIN20080521_061157_000000422068_00421_32539_1928.N1	21-MAY-2008 06:11:57	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32539	No
90	GOM_NL__2PRFIN20080521_061723_000000422068_00421_32539_1929.N1	21-MAY-2008 06:17:23	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32539	No
91	GOM_NL__2PRFIN20080521_062417_000000412068_00421_32539_1930.N1	21-MAY-2008 06:24:17	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32539	No
92	GOM_NL__2PRFIN20080521_062701_000000532068_00421_32539_1931.N1	21-MAY-2008 06:27:01	Straylight	53.000	40	The Sco	1.8590	7100.0	106	32539	No
93	GOM_NL__2PRFIN20080521_062852_000000472068_00421_32539_1932.N1	21-MAY-2008 06:28:52	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	32539	No
94	GOM_NL__2PRFIN20080521_063059_000000492068_00421_32539_1933.N1	21-MAY-2008 06:30:59	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	32539	No
95	GOM_NL__2PRFIN20080521_063354_000000542068_00421_32539_1934.N1	21-MAY-2008 06:33:54	Tw_i_and_stray	53.500	16	21Alp Sco	1.0200	3000.0	107	32539	No
96	GOM_NL__2PRFIN20080521_063620_000000442068_00421_32539_1935.N1	21-MAY-2008 06:36:20	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32539	No
97	GOM_NL__2PRFIN20080521_063807_000000372068_00421_32539_1936.N1	21-MAY-2008 06:38:07	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32539	No
98	GOM_NL__2PRFIN20080521_063952_000000382068_00421_32539_1937.N1	21-MAY-2008 06:39:52	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32539	No
99	GOM_NL__2PRFIN20080521_064449_000000412068_00421_32539_1938.N1	21-MAY-2008 06:44:49	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32539	No
100	GOM_NL__2PRFIN20080521_064816_000000352068_00421_32539_1939.N1	21-MAY-2008 06:48:16	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32539	No
101	GOM_NL__2PRFIN20080521_065032_000000382068_00421_32539_1940.N1	21-MAY-2008 06:50:32	Bright	38.000	83		2.3780	11000.	76	32539	No

102	GOM_NL__2PRFIN20080521_065342_000000372068_00421_32539_1941.N1	21-MAY-2008 06:53:42	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32539	No
103	GOM_NL__2PRFIN20080521_070157_000000402068_00421_32539_1942.N1	21-MAY-2008 07:01:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32539	No
104	GOM_NL__2PRFIN20080521_070355_000000372068_00421_32539_1943.N1	21-MAY-2008 07:03:55	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32539	No
105	GOM_NL__2PRFIN20080521_070827_000000352068_00421_32539_1944.N1	21-MAY-2008 07:08:27	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32539	No
106	GOM_NL__2PRFIN20080521_071638_000000502068_00421_32539_1945.N1	21-MAY-2008 07:16:38	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	32539	No
107	GOM_NL__2PRFIN20080521_071750_000000382068_00421_32539_1946.N1	21-MAY-2008 07:17:50	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	32539	No
108	GOM_NL__2PRFIN20080521_072628_000000482068_00421_32539_1947.N1	21-MAY-2008 07:26:28	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	32539	No
109	GOM_NL__2PRFIN20080521_073050_000000462068_00421_32539_1948.N1	21-MAY-2008 07:30:50	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	32539	No
110	GOM_NL__2PRFIN20080521_073937_000000442068_00421_32539_1949.N1	21-MAY-2008 07:39:37	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32539	No
111	GOM_NL__2PRFIN20080521_075056_000000522068_00421_32539_1950.N1	21-MAY-2008 07:50:56	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32539	No
112	GOM_NL__2PRFIN20080521_075234_000000452068_00422_32540_1957.N1	21-MAY-2008 07:52:34	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32540	No
113	GOM_NL__2PRFIN20080521_075800_000000412068_00422_32540_1958.N1	21-MAY-2008 07:58:00	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32540	No
114	GOM_NL__2PRFIN20080521_080454_000000422068_00422_32540_1959.N1	21-MAY-2008 08:04:54	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32540	No
115	GOM_NL__2PRFIN20080521_080737_000000572068_00422_32540_1960.N1	21-MAY-2008 08:07:37	Straylight	56.500	40	The Sco	1.8590	7100.0	113	32540	No
116	GOM_NL__2PRFIN20080521_080928_000000482068_00422_32540_1961.N1	21-MAY-2008 08:09:28	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	32540	No
117	GOM_NL__2PRFIN20080521_081135_000000482068_00422_32540_1962.N1	21-MAY-2008 08:11:35	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32540	No
118	GOM_NL__2PRFIN20080521_081430_000000612068_00422_32540_1963.N1	21-MAY-2008 08:14:30	Tw_i_and_stray	61.000	16	21Alp Sco	1.0200	3000.0	122	32540	No
119	GOM_NL__2PRFIN20080521_081656_000000422068_00422_32540_1964.N1	21-MAY-2008 08:16:56	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32540	No
120	GOM_NL__2PRFIN20080521_081843_000000372068_00422_32540_1965.N1	21-MAY-2008 08:18:43	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32540	No
121	GOM_NL__2PRFIN20080521_082028_000000382068_00422_32540_1966.N1	21-MAY-2008 08:20:28	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32540	No
122	GOM_NL__2PRFIN20080521_082525_000000432068_00422_32540_1967.N1	21-MAY-2008 08:25:25	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32540	No
123	GOM_NL__2PRFIN20080521_082852_000000362068_00422_32540_1968.N1	21-MAY-2008 08:28:52	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32540	No
124	GOM_NL__2PRFIN20080521_083108_000000372068_00422_32540_1969.N1	21-MAY-2008 08:31:08	Bright	37.000	83		2.3780	11000.	74	32540	No
125	GOM_NL__2PRFIN20080521_083418_000000342068_00422_32540_1970.N1	21-MAY-2008 08:34:18	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	32540	No
126	GOM_NL__2PRFIN20080521_084233_000000392068_00422_32540_1971.N1	21-MAY-2008 08:42:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32540	No
127	GOM_NL__2PRFIN20080521_084431_000000372068_00422_32540_1972.N1	21-MAY-2008 08:44:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32540	No
128	GOM_NL__2PRFIN20080521_084902_000000342068_00422_32540_1973.N1	21-MAY-2008 08:49:02	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32540	No
129	GOM_NL__2PRFIN20080521_085714_000000542068_00422_32540_1974.N1	21-MAY-2008 08:57:14	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32540	No
130	GOM_NL__2PRFIN20080521_085826_000000362068_00422_32540_1975.N1	21-MAY-2008 08:58:26	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	32540	No
131	GOM_NL__2PRFIN20080521_090704_000000472068_00422_32540_1976.N1	21-MAY-2008 09:07:04	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32540	No
132	GOM_NL__2PRFIN20080521_091126_000000442068_00422_32540_1977.N1	21-MAY-2008 09:11:26	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32540	No
133	GOM_NL__2PRFIN20080521_092013_000000402068_00422_32540_1978.N1	21-MAY-2008 09:20:13	Dark	39.500	52	16Bet Cet	2.0370	4500.0	79	32540	No
134	GOM_NL__2PRFIN20080521_093132_000000482068_00422_32540_1979.N1	21-MAY-2008 09:31:32	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32540	No
135	GOM_NL__2PRFIN20080521_093310_000000442068_00423_32541_1995.N1	21-MAY-2008 09:33:10	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32541	No
136	GOM_NL__2PRFIN20080521_093837_000000442068_00423_32541_1996.N1	21-MAY-2008 09:38:37	Dark	43.500	45	Alp Pav	1.9400	26000.	87	32541	No
137	GOM_NL__2PRFIN20080521_094530_000000432068_00423_32541_1997.N1	21-MAY-2008 09:45:30	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32541	No
138	GOM_NL__2PRFIN20080521_094814_000000462068_00423_32541_1998.N1	21-MAY-2008 09:48:14	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32541	No
139	GOM_NL__2PRFIN20080521_095005_000000502068_00423_32541_1999.N1	21-MAY-2008 09:50:05	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	32541	No
140	GOM_NL__2PRFIN20080521_095211_000000522068_00423_32541_2000.N1	21-MAY-2008 09:52:11	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	32541	No
141	GOM_NL__2PRFIN20080521_095506_000000552068_00423_32541_2001.N1	21-MAY-2008 09:55:06	Tw_i_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	32541	No
142	GOM_NL__2PRFIN20080521_095732_000000432068_00423_32541_2002.N1	21-MAY-2008 09:57:32	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32541	No
143	GOM_NL__2PRFIN20080521_095919_000000362068_00423_32541_2003.N1	21-MAY-2008 09:59:19	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	32541	No
144	GOM_NL__2PRFIN20080521_100104_000000372068_00423_32541_2004.N1	21-MAY-2008 10:01:04	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32541	No
145	GOM_NL__2PRFIN20080521_100601_000000412068_00423_32541_2005.N1	21-MAY-2008 10:06:01	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32541	No
146	GOM_NL__2PRFIN20080521_100928_000000382068_00423_32541_2006.N1	21-MAY-2008 10:09:28	Bright	38.000	3	16Alp Boo	-0.050000	4250.0	76	32541	No
147	GOM_NL__2PRFIN20080521_101144_000000402068_00423_32541_2007.N1	21-MAY-2008 10:11:44	Bright	39.500	83		2.3780	11000.	79	32541	No
148	GOM_NL__2PRFIN20080521_101453_000000362068_00423_32541_2008.N1	21-MAY-2008 10:14:53	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32541	No
149	GOM_NL__2PRFIN20080521_102308_000000412068_00423_32541_2009.N1	21-MAY-2008 10:23:08	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32541	No
150	GOM_NL__2PRFIN20080521_102506_000000342068_00423_32541_2010.N1	21-MAY-2008 10:25:06	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32541	No
151	GOM_NL__2PRFIN20080521_102938_000000352068_00423_32541_2011.N1	21-MAY-2008 10:29:38	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32541	No
152	GOM_NL__2PRFIN20080521_103749_000000542068_00423_32541_2012.N1	21-MAY-2008 10:37:49	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32541	No
153	GOM_NL__2PRFIN20080521_103902_000000432068_00423_32541_2013.N1	21-MAY-2008 10:39:02	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	32541	No
154	GOM_NL__2PRFIN20080521_104740_000000452068_00423_32541_2014.N1	21-MAY-2008 10:47:40	Tw_i_and_stray	44.500	58	21Alp And	2.0730	11000.	89	32541	No
155	GOM_NL__2PRFIN20080521_105202_000000442068_00423_32541_2015.N1	21-MAY-2008 10:52:02	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32541	No
156	GOM_NL__2PRFIN20080521_110050_000000442068_00423_32541_2016.N1	21-MAY-2008 11:00:50	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32541	No
157	GOM_NL__2PRFIN20080521_111209_000000522068_00423_32541_2017.N1	21-MAY-2008 11:12:09	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32541	No
158	GOM_NL__2PRFIN20080521_111347_000000442068_00424_32542_1993.N1	21-MAY-2008 11:13:47	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32542	No
159	GOM_NL__2PRFIN20080521_111913_000000402068_00424_32542_1994.N1	21-MAY-2008 11:19:13	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32542	No
160	GOM_NL__2PRFIN20080521_112606_000000412068_00424_32542_1995.N1	21-MAY-2008 11:26:06	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32542	No



161	GOM_NL__2PRFIN20080521_112850_000000482068_00424_32542_1996.N1	21-MAY-2008 11:28:50	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32542	No
162	GOM_NL__2PRFIN20080521_113041_000000512068_00424_32542_1997.N1	21-MAY-2008 11:30:41	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	32542	No
163	GOM_NL__2PRFIN20080521_113248_000000462068_00424_32542_1998.N1	21-MAY-2008 11:32:48	Twi_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32542	No
164	GOM_NL__2PRFIN20080521_113542_000000512068_00424_32542_1999.N1	21-MAY-2008 11:35:42	Twi_and_stray	51.000	16	21Alp Sco	1.0200	3000.0	102	32542	No
165	GOM_NL__2PRFIN20080521_113809_000000432068_00424_32542_2000.N1	21-MAY-2008 11:38:09	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32542	No
166	GOM_NL__2PRFIN20080521_113955_000000372068_00424_32542_2001.N1	21-MAY-2008 11:39:55	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32542	No
167	GOM_NL__2PRFIN20080521_114140_000000382068_00424_32542_2002.N1	21-MAY-2008 11:41:40	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32542	No
168	GOM_NL__2PRFIN20080521_114636_000000402068_00424_32542_2003.N1	21-MAY-2008 11:46:36	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32542	No
169	GOM_NL__2PRFIN20080521_115004_000000362068_00424_32542_2004.N1	21-MAY-2008 11:50:04	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32542	No
170	GOM_NL__2PRFIN20080521_115220_000000372068_00424_32542_2005.N1	21-MAY-2008 11:52:20	Bright	36.500	83		2.3780	11000.	73	32542	No
171	GOM_NL__2PRFIN20080521_115529_000000362068_00424_32542_2006.N1	21-MAY-2008 11:55:29	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32542	No
172	GOM_NL__2PRFIN20080521_120343_000000412068_00424_32542_2007.N1	21-MAY-2008 12:03:43	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32542	No
173	GOM_NL__2PRFIN20080521_120542_000000352068_00424_32542_2008.N1	21-MAY-2008 12:05:42	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32542	No
174	GOM_NL__2PRFIN20080521_121014_000000332068_00424_32542_2009.N1	21-MAY-2008 12:10:14	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	32542	No
175	GOM_NL__2PRFIN20080521_121825_000000352068_00424_32542_2010.N1	21-MAY-2008 12:18:25	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32542	No
176	GOM_NL__2PRFIN20080521_121938_000000342068_00424_32542_2011.N1	21-MAY-2008 12:19:38	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32542	No
177	GOM_NL__2PRFIN20080521_122816_000000472068_00424_32542_2012.N1	21-MAY-2008 12:28:16	Twi_and_stray	46.500	58	21Alp And	2.0730	11000.	93	32542	No
178	GOM_NL__2PRFIN20080521_123239_000000452068_00424_32542_2013.N1	21-MAY-2008 12:32:39	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	32542	No
179	GOM_NL__2PRFIN20080521_124126_000000432068_00424_32542_2014.N1	21-MAY-2008 12:41:26	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32542	No
180	GOM_NL__2PRFIN20080521_125246_000000592068_00424_32542_2015.N1	21-MAY-2008 12:52:46	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32542	No
181	GOM_NL__2PRFIN20080521_125424_000000452068_00425_32543_2027.N1	21-MAY-2008 12:54:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32543	No
182	GOM_NL__2PRFIN20080521_125950_000000412068_00425_32543_2028.N1	21-MAY-2008 12:59:50	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32543	No
183	GOM_NL__2PRFIN20080521_130643_000000422068_00425_32543_2029.N1	21-MAY-2008 13:06:43	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32543	No
184	GOM_NL__2PRFIN20080521_130927_000000502068_00425_32543_2030.N1	21-MAY-2008 13:09:27	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32543	No
185	GOM_NL__2PRFIN20080521_131118_000000522068_00425_32543_2031.N1	21-MAY-2008 13:11:18	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	32543	No
186	GOM_NL__2PRFIN20080521_131324_000000492068_00425_32543_2032.N1	21-MAY-2008 13:13:24	Twi_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	32543	No
187	GOM_NL__2PRFIN20080521_131618_000000562068_00425_32543_2033.N1	21-MAY-2008 13:16:18	Twi_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	32543	No
188	GOM_NL__2PRFIN20080521_131845_000000432068_00425_32543_2034.N1	21-MAY-2008 13:18:45	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32543	No
189	GOM_NL__2PRFIN20080521_132031_000000372068_00425_32543_2035.N1	21-MAY-2008 13:20:31	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32543	No
190	GOM_NL__2PRFIN20080521_132216_000000382068_00425_32543_2036.N1	21-MAY-2008 13:22:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32543	No
191	GOM_NL__2PRFIN20080521_132712_000000402068_00425_32543_2037.N1	21-MAY-2008 13:27:12	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32543	No
192	GOM_NL__2PRFIN20080521_133040_000000352068_00425_32543_2038.N1	21-MAY-2008 13:30:40	Bright	34.500	3	16Alp Boo	-0.050000	4250.0	69	32543	No
193	GOM_NL__2PRFIN20080521_133255_000000362068_00425_32543_2039.N1	21-MAY-2008 13:32:55	Bright	36.000	83		2.3780	11000.	72	32543	No
194	GOM_NL__2PRFIN20080521_133605_000000352068_00425_32543_2040.N1	21-MAY-2008 13:36:05	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32543	No
195	GOM_NL__2PRFIN20080521_134419_000000412068_00425_32543_2041.N1	21-MAY-2008 13:44:19	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32543	No
196	GOM_NL__2PRFIN20080521_134618_000000392068_00425_32543_2042.N1	21-MAY-2008 13:46:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32543	No
197	GOM_NL__2PRFIN20080521_135050_000000342068_00425_32543_2043.N1	21-MAY-2008 13:50:50	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32543	No
198	GOM_NL__2PRFIN20080521_135901_000000542068_00425_32543_2044.N1	21-MAY-2008 13:59:01	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32543	No
199	GOM_NL__2PRFIN20080521_140014_000000542068_00425_32543_2045.N1	21-MAY-2008 14:00:14	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32543	No
200	GOM_NL__2PRFIN20080521_140852_000000472068_00425_32543_2046.N1	21-MAY-2008 14:08:52	Twi_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32543	No
201	GOM_NL__2PRFIN20080521_141315_000000452068_00425_32543_2047.N1	21-MAY-2008 14:13:15	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32543	No
202	GOM_NL__2PRFIN20080521_142202_000000442068_00425_32543_2048.N1	21-MAY-2008 14:22:02	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32543	No
203	GOM_NL__2PRFIN20080521_143322_000000562068_00425_32543_2049.N1	21-MAY-2008 14:33:22	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	32543	No
204	GOM_NL__2PRFIN20080521_143501_000000452068_00426_32544_2052.N1	21-MAY-2008 14:35:01	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32544	No
205	GOM_NL__2PRFIN20080521_144026_000000422068_00426_32544_2053.N1	21-MAY-2008 14:40:26	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32544	No
206	GOM_NL__2PRFIN20080521_144719_000000402068_00426_32544_2054.N1	21-MAY-2008 14:47:19	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32544	No
207	GOM_NL__2PRFIN20080521_145003_000000462068_00426_32544_2055.N1	21-MAY-2008 14:50:03	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32544	No
208	GOM_NL__2PRFIN20080521_145154_000000522068_00426_32544_2056.N1	21-MAY-2008 14:51:54	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	32544	No
209	GOM_NL__2PRFIN20080521_145400_000000502068_00426_32544_2057.N1	21-MAY-2008 14:54:00	Twi_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32544	No
210	GOM_NL__2PRFIN20080521_145655_000000552068_00426_32544_2058.N1	21-MAY-2008 14:56:55	Twi_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	32544	No
211	GOM_NL__2PRFIN20080521_145921_000000412068_00426_32544_2059.N1	21-MAY-2008 14:59:21	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	32544	No
212	GOM_NL__2PRFIN20080521_150107_000000362068_00426_32544_2060.N1	21-MAY-2008 15:01:07	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	32544	No
213	GOM_NL__2PRFIN20080521_150252_000000382068_00426_32544_2061.N1	21-MAY-2008 15:02:52	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32544	No
214	GOM_NL__2PRFIN20080521_150748_000000402068_00426_32544_2062.N1	21-MAY-2008 15:07:48	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32544	No
215	GOM_NL__2PRFIN20080521_151116_000000352068_00426_32544_2063.N1	21-MAY-2008 15:11:16	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32544	No
216	GOM_NL__2PRFIN20080521_151331_000000372068_00426_32544_2064.N1	21-MAY-2008 15:13:31	Bright	37.000	83		2.3780	11000.	74	32544	No
217	GOM_NL__2PRFIN20080521_151641_000000362068_00426_32544_2065.N1	21-MAY-2008 15:16:41	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32544	No
218	GOM_NL__2PRFIN20080521_152455_000000402068_00426_32544_2066.N1	21-MAY-2008 15:24:55	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32544	No
219	GOM_NL__2PRFIN20080521_152654_000000352068_00426_32544_2067.N1	21-MAY-2008 15:26:54	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32544	No

220	GOM_NL__2PRFIN20080521_153126_000000342068_00426_32544_2068.N1	21-MAY-2008 15:31:26	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32544	No
221	GOM_NL__2PRFIN20080521_153937_000000542068_00426_32544_2069.N1	21-MAY-2008 15:39:37	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32544	No
222	GOM_NL__2PRFIN20080521_154050_000000422068_00426_32544_2070.N1	21-MAY-2008 15:40:50	Bright	42.000	68	18Alp Cas	2.2250	4500.0	84	32544	No
223	GOM_NL__2PRFIN20080521_154929_000000472068_00426_32544_2071.N1	21-MAY-2008 15:49:29	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	32544	No
224	GOM_NL__2PRFIN20080521_155351_000000452068_00426_32544_2072.N1	21-MAY-2008 15:53:51	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32544	No
225	GOM_NL__2PRFIN20080521_160239_000000472068_00426_32544_2073.N1	21-MAY-2008 16:02:39	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32544	No
226	GOM_NL__2PRFIN20080521_161359_000000572068_00426_32544_2074.N1	21-MAY-2008 16:13:59	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32544	No
227	GOM_NL__2PRFIN20080521_161537_000000442068_00427_32545_2038.N1	21-MAY-2008 16:15:37	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32545	No
228	GOM_NL__2PRFIN20080521_162103_000000412068_00427_32545_2039.N1	21-MAY-2008 16:21:03	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32545	No
229	GOM_NL__2PRFIN20080521_162756_000000422068_00427_32545_2040.N1	21-MAY-2008 16:27:56	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32545	No
230	GOM_NL__2PRFIN20080521_163040_000000532068_00427_32545_2041.N1	21-MAY-2008 16:30:40	Straylight	53.000	40	The Sco	1.8590	7100.0	106	32545	No
231	GOM_NL__2PRFIN20080521_163231_000000512068_00427_32545_2042.N1	21-MAY-2008 16:32:31	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	32545	No
232	GOM_NL__2PRFIN20080521_163437_000000512068_00427_32545_2043.N1	21-MAY-2008 16:34:37	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	32545	No
233	GOM_NL__2PRFIN20080521_163731_000000612068_00427_32545_2044.N1	21-MAY-2008 16:37:31	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	32545	No
234	GOM_NL__2PRFIN20080521_163957_000000422068_00427_32545_2045.N1	21-MAY-2008 16:39:57	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32545	No
235	GOM_NL__2PRFIN20080521_164143_000000352068_00427_32545_2046.N1	21-MAY-2008 16:41:43	Bright	35.000	122	9Alp2Lib	2.7470	9700.0	70	32545	No
236	GOM_NL__2PRFIN20080521_164328_000000362068_00427_32545_2047.N1	21-MAY-2008 16:43:28	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	32545	No
237	GOM_NL__2PRFIN20080521_164824_000000402068_00427_32545_2048.N1	21-MAY-2008 16:48:24	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32545	No
238	GOM_NL__2PRFIN20080521_165152_000000352068_00427_32545_2049.N1	21-MAY-2008 16:51:52	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32545	No
239	GOM_NL__2PRFIN20080521_165407_000000372068_00427_32545_2050.N1	21-MAY-2008 16:54:07	Bright	36.500	83		2.3780	11000.	73	32545	No
240	GOM_NL__2PRFIN20080521_165717_000000372068_00427_32545_2051.N1	21-MAY-2008 16:57:17	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32545	No
241	GOM_NL__2PRFIN20080521_170530_000000412068_00427_32545_2052.N1	21-MAY-2008 17:05:30	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32545	No
242	GOM_NL__2PRFIN20080521_170730_000000372068_00427_32545_2053.N1	21-MAY-2008 17:07:30	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32545	No
243	GOM_NL__2PRFIN20080521_171202_000000372068_00427_32545_2054.N1	21-MAY-2008 17:12:02	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	32545	No
244	GOM_NL__2PRFIN20080521_172013_000000352068_00427_32545_2055.N1	21-MAY-2008 17:20:13	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32545	No
245	GOM_NL__2PRFIN20080521_172126_000000522068_00427_32545_2056.N1	21-MAY-2008 17:21:26	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	32545	No
246	GOM_NL__2PRFIN20080521_173005_000000482068_00427_32545_2057.N1	21-MAY-2008 17:30:05	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	32545	No
247	GOM_NL__2PRFIN20080521_173427_000000472068_00427_32545_2058.N1	21-MAY-2008 17:34:27	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32545	No
248	GOM_NL__2PRFIN20080521_174315_000000462068_00427_32545_2059.N1	21-MAY-2008 17:43:15	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32545	No
249	GOM_NL__2PRFIN20080521_175436_000000482068_00427_32545_2060.N1	21-MAY-2008 17:54:36	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32545	No
250	GOM_NL__2PRFIN20080521_175614_000000432068_00428_32546_2064.N1	21-MAY-2008 17:56:14	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32546	No
251	GOM_NL__2PRFIN20080521_180140_000000422068_00428_32546_2065.N1	21-MAY-2008 18:01:40	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32546	No
252	GOM_NL__2PRFIN20080521_180832_000000482068_00428_32546_2066.N1	21-MAY-2008 18:08:32	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	32546	No
253	GOM_NL__2PRFIN20080521_181116_000000512068_00428_32546_2067.N1	21-MAY-2008 18:11:16	Straylight	50.500	40	The Sco	1.8590	7100.0	101	32546	No
254	GOM_NL__2PRFIN20080521_181307_000000472068_00428_32546_2068.N1	21-MAY-2008 18:13:07	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	32546	No
255	GOM_NL__2PRFIN20080521_181513_000000502068_00428_32546_2069.N1	21-MAY-2008 18:15:13	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32546	No
256	GOM_NL__2PRFIN20080521_181807_000000522068_00428_32546_2070.N1	21-MAY-2008 18:18:07	Tw_i_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	32546	No
257	GOM_NL__2PRFIN20080521_182033_000000402068_00428_32546_2071.N1	21-MAY-2008 18:20:33	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	32546	No
258	GOM_NL__2PRFIN20080521_182219_000000362068_00428_32546_2072.N1	21-MAY-2008 18:22:19	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	32546	No
259	GOM_NL__2PRFIN20080521_182404_000000372068_00428_32546_2073.N1	21-MAY-2008 18:24:04	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32546	No
260	GOM_NL__2PRFIN20080521_182554_000000272068_00428_32546_2074.N1	21-MAY-2008 18:25:54	Tw_i_and_stray	27.000	120	1Del Oph	2.7340	3200.0	54	32546	No
261	GOM_NL__2PRFIN20080521_182900_000000402068_00428_32546_2075.N1	21-MAY-2008 18:29:00	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32546	No
262	GOM_NL__2PRFIN20080521_183228_000000352068_00428_32546_2076.N1	21-MAY-2008 18:32:28	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32546	No
263	GOM_NL__2PRFIN20080521_183443_000000372068_00428_32546_2077.N1	21-MAY-2008 18:34:43	Bright	37.000	83		2.3780	11000.	74	32546	No
264	GOM_NL__2PRFIN20080521_183753_000000352068_00428_32546_2078.N1	21-MAY-2008 18:37:53	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32546	No
265	GOM_NL__2PRFIN20080521_184606_000000412068_00428_32546_2079.N1	21-MAY-2008 18:46:06	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32546	No
266	GOM_NL__2PRFIN20080521_184805_000000382068_00428_32546_2080.N1	21-MAY-2008 18:48:05	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32546	No
267	GOM_NL__2PRFIN20080521_185238_000000362068_00428_32546_2081.N1	21-MAY-2008 18:52:38	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32546	No
268	GOM_NL__2PRFIN20080521_190049_000000492068_00428_32546_2082.N1	21-MAY-2008 19:00:49	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	32546	No
269	GOM_NL__2PRFIN20080521_190201_000000372068_00428_32546_2083.N1	21-MAY-2008 19:02:01	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	32546	No
270	GOM_NL__2PRFIN20080521_191041_000000472068_00428_32546_2084.N1	21-MAY-2008 19:10:41	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32546	No
271	GOM_NL__2PRFIN20080521_191504_000000452068_00428_32546_2085.N1	21-MAY-2008 19:15:04	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32546	No
272	GOM_NL__2PRFIN20080521_192351_000000452068_00428_32546_2086.N1	21-MAY-2008 19:23:51	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32546	No
273	GOM_NL__2PRFIN20080521_193512_000000522068_00428_32546_2087.N1	21-MAY-2008 19:35:12	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	32546	No
274	GOM_NL__2PRFIN20080521_193636_000000482068_00429_32547_2093.N1	21-MAY-2008 19:36:36	Dark	47.500	172	Gam Gru	3.0030	13100.	95	32547	No
275	GOM_NL__2PRFIN20080521_194217_000000422068_00429_32547_2094.N1	21-MAY-2008 19:42:17	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32547	No
276	GOM_NL__2PRFIN20080521_194908_000000402068_00429_32547_2095.N1	21-MAY-2008 19:49:08	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32547	No
277	GOM_NL__2PRFIN20080521_195153_000000492068_00429_32547_2096.N1	21-MAY-2008 19:51:53	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32547	No
278	GOM_NL__2PRFIN20080521_195344_000000512068_00429_32547_2097.N1	21-MAY-2008 19:53:44	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	32547	No

279	GOM_NL__2PRFIN20080521_195549_000000492068_00429_32547_2098.N1	21-MAY-2008 19:55:49	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	32547	No
280	GOM_NL__2PRFIN20080521_195843_000000612068_00429_32547_2099.N1	21-MAY-2008 19:58:43	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	32547	No
281	GOM_NL__2PRFIN20080521_200109_000000422068_00429_32547_2100.N1	21-MAY-2008 20:01:09	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	32547	No
282	GOM_NL__2PRFIN20080521_200255_000000372068_00429_32547_2101.N1	21-MAY-2008 20:02:55	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32547	No
283	GOM_NL__2PRFIN20080521_200440_000000372068_00429_32547_2102.N1	21-MAY-2008 20:04:40	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32547	No
284	GOM_NL__2PRFIN20080521_200630_000000272068_00429_32547_2103.N1	21-MAY-2008 20:06:30	Twilight	27.000	120	1Del Oph	2.7340	3200.0	54	32547	No
285	GOM_NL__2PRFIN20080521_200935_000000412068_00429_32547_2104.N1	21-MAY-2008 20:09:35	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32547	No
286	GOM_NL__2PRFIN20080521_201304_000000362068_00429_32547_2105.N1	21-MAY-2008 20:13:04	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32547	No
287	GOM_NL__2PRFIN20080521_201519_000000372068_00429_32547_2106.N1	21-MAY-2008 20:15:19	Bright	37.000	83		2.3780	11000.	74	32547	No
288	GOM_NL__2PRFIN20080521_201829_000000362068_00429_32547_2107.N1	21-MAY-2008 20:18:29	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32547	No
289	GOM_NL__2PRFIN20080521_202641_000000412068_00429_32547_2108.N1	21-MAY-2008 20:26:41	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32547	No
290	GOM_NL__2PRFIN20080521_202841_000000382068_00429_32547_2109.N1	21-MAY-2008 20:28:41	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32547	No
291	GOM_NL__2PRFIN20080521_203314_000000362068_00429_32547_2110.N1	21-MAY-2008 20:33:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32547	No
292	GOM_NL__2PRFIN20080521_204125_000000522068_00429_32547_2111.N1	21-MAY-2008 20:41:25	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	32547	No
293	GOM_NL__2PRFIN20080521_204237_000000382068_00429_32547_2112.N1	21-MAY-2008 20:42:37	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32547	No
294	GOM_NL__2PRFIN20080521_205117_000000472068_00429_32547_2113.N1	21-MAY-2008 20:51:17	Twilight	46.500	58	21Alp And	2.0730	11000.	93	32547	No
295	GOM_NL__2PRFIN20080521_205540_000000452068_00429_32547_2114.N1	21-MAY-2008 20:55:40	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32547	No
296	GOM_NL__2PRFIN20080521_210428_000000442068_00429_32547_2115.N1	21-MAY-2008 21:04:28	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32547	No
297	GOM_NL__2PRFIN20080521_211549_000000572068_00429_32547_2116.N1	21-MAY-2008 21:15:49	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32547	No
298	GOM_NL__2PRFIN20080521_211713_000000492068_00430_32548_2112.N1	21-MAY-2008 21:17:13	Dark	48.500	172	Gam Gru	3.0030	13100.	97	32548	No
299	GOM_NL__2PRFIN20080521_211847_000000412068_00430_32548_2113.N1	21-MAY-2008 21:18:47	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	32548	No
300	GOM_NL__2PRFIN20080521_212253_000000422068_00430_32548_2114.N1	21-MAY-2008 21:22:53	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32548	No
301	GOM_NL__2PRFIN20080521_212945_000000422068_00430_32548_2115.N1	21-MAY-2008 21:29:45	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32548	No
302	GOM_NL__2PRFIN20080521_213229_000000532068_00430_32548_2116.N1	21-MAY-2008 21:32:29	Straylight	52.500	40	The Sco	1.8590	7100.0	105	32548	No
303	GOM_NL__2PRFIN20080521_213420_000000512068_00430_32548_2117.N1	21-MAY-2008 21:34:20	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	32548	No
304	GOM_NL__2PRFIN20080521_213626_000000532068_00430_32548_2118.N1	21-MAY-2008 21:36:26	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	32548	No
305	GOM_NL__2PRFIN20080521_213919_000000582068_00430_32548_2119.N1	21-MAY-2008 21:39:19	Bright	57.500	16	21Alp Sco	1.0200	3000.0	115	32548	No
306	GOM_NL__2PRFIN20080521_214145_000000422068_00430_32548_2120.N1	21-MAY-2008 21:41:45	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32548	No
307	GOM_NL__2PRFIN20080521_214331_000000362068_00430_32548_2121.N1	21-MAY-2008 21:43:31	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32548	No
308	GOM_NL__2PRFIN20080521_214516_000000382068_00430_32548_2122.N1	21-MAY-2008 21:45:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32548	No
309	GOM_NL__2PRFIN20080521_214706_000000342068_00430_32548_2123.N1	21-MAY-2008 21:47:06	Bright	34.000	120	1Del Oph	2.7340	3200.0	68	32548	No
310	GOM_NL__2PRFIN20080521_215011_000000412068_00430_32548_2124.N1	21-MAY-2008 21:50:11	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32548	No
311	GOM_NL__2PRFIN20080521_215340_000000382068_00430_32548_2125.N1	21-MAY-2008 21:53:40	Bright	37.500	3	16Alp Boo	-0.050000	4250.0	75	32548	No
312	GOM_NL__2PRFIN20080521_215555_000000362068_00430_32548_2126.N1	21-MAY-2008 21:55:55	Bright	36.000	83		2.3780	11000.	72	32548	No
313	GOM_NL__2PRFIN20080521_215904_000000352068_00430_32548_2127.N1	21-MAY-2008 21:59:04	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32548	No
314	GOM_NL__2PRFIN20080521_220717_000000402068_00430_32548_2128.N1	21-MAY-2008 22:07:17	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32548	No
315	GOM_NL__2PRFIN20080521_220917_000000382068_00430_32548_2129.N1	21-MAY-2008 22:09:17	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32548	No
316	GOM_NL__2PRFIN20080521_221350_000000362068_00430_32548_2130.N1	21-MAY-2008 22:13:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32548	No
317	GOM_NL__2PRFIN20080521_222201_000000462068_00430_32548_2131.N1	21-MAY-2008 22:22:01	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	32548	No
318	GOM_NL__2PRFIN20080521_222313_000000382068_00430_32548_2132.N1	21-MAY-2008 22:23:13	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32548	No
319	GOM_NL__2PRFIN20080521_223153_000000442068_00430_32548_2133.N1	21-MAY-2008 22:31:53	Twilight	44.000	58	21Alp And	2.0730	11000.	88	32548	No
320	GOM_NL__2PRFIN20080521_223616_000000432068_00430_32548_2134.N1	21-MAY-2008 22:36:16	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32548	No
321	GOM_NL__2PRFIN20080521_224504_000000452068_00430_32548_2135.N1	21-MAY-2008 22:45:04	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32548	No
322	GOM_NL__2PRFIN20080521_225626_000000592068_00430_32548_2136.N1	21-MAY-2008 22:56:26	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32548	No
323	GOM_NL__2PRFIN20080521_225750_000000482068_00431_32549_2122.N1	21-MAY-2008 22:57:50	Dark	47.500	172	Gam Gru	3.0030	13100.	95	32549	No
324	GOM_NL__2PRFIN20080521_225924_000000412068_00431_32549_2123.N1	21-MAY-2008 22:59:24	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	32549	No
325	GOM_NL__2PRFIN20080521_230330_000000422068_00431_32549_2124.N1	21-MAY-2008 23:03:30	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32549	No
326	GOM_NL__2PRFIN20080521_231021_000000402068_00431_32549_2125.N1	21-MAY-2008 23:10:21	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32549	No
327	GOM_NL__2PRFIN20080521_231305_000000502068_00431_32549_2126.N1	21-MAY-2008 23:13:05	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32549	No
328	GOM_NL__2PRFIN20080521_231457_000000492068_00431_32549_2127.N1	21-MAY-2008 23:14:57	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32549	No
329	GOM_NL__2PRFIN20080521_231702_000000492068_00431_32549_2128.N1	21-MAY-2008 23:17:02	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	32549	No
330	GOM_NL__2PRFIN20080521_231956_000000612068_00431_32549_2129.N1	21-MAY-2008 23:19:56	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	32549	No
331	GOM_NL__2PRFIN20080521_232221_000000412068_00431_32549_2130.N1	21-MAY-2008 23:22:21	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	32549	No
332	GOM_NL__2PRFIN20080521_232407_000000372068_00431_32549_2131.N1	21-MAY-2008 23:24:07	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32549	No
333	GOM_NL__2PRFIN20080521_232552_000000372068_00431_32549_2132.N1	21-MAY-2008 23:25:52	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32549	No
334	GOM_NL__2PRFIN20080521_232741_000000342068_00431_32549_2133.N1	21-MAY-2008 23:27:41	Bright	34.000	120	1Del Oph	2.7340	3200.0	68	32549	No
335	GOM_NL__2PRFIN20080521_233047_000000412068_00431_32549_2134.N1	21-MAY-2008 23:30:47	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32549	No
336	GOM_NL__2PRFIN20080521_233416_000000362068_00431_32549_2135.N1	21-MAY-2008 23:34:16	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32549	No
337	GOM_NL__2PRFIN20080521_233630_000000362068_00431_32549_2136.N1	21-MAY-2008 23:36:30	Bright	36.000	83		2.3780	11000.	72	32549	No

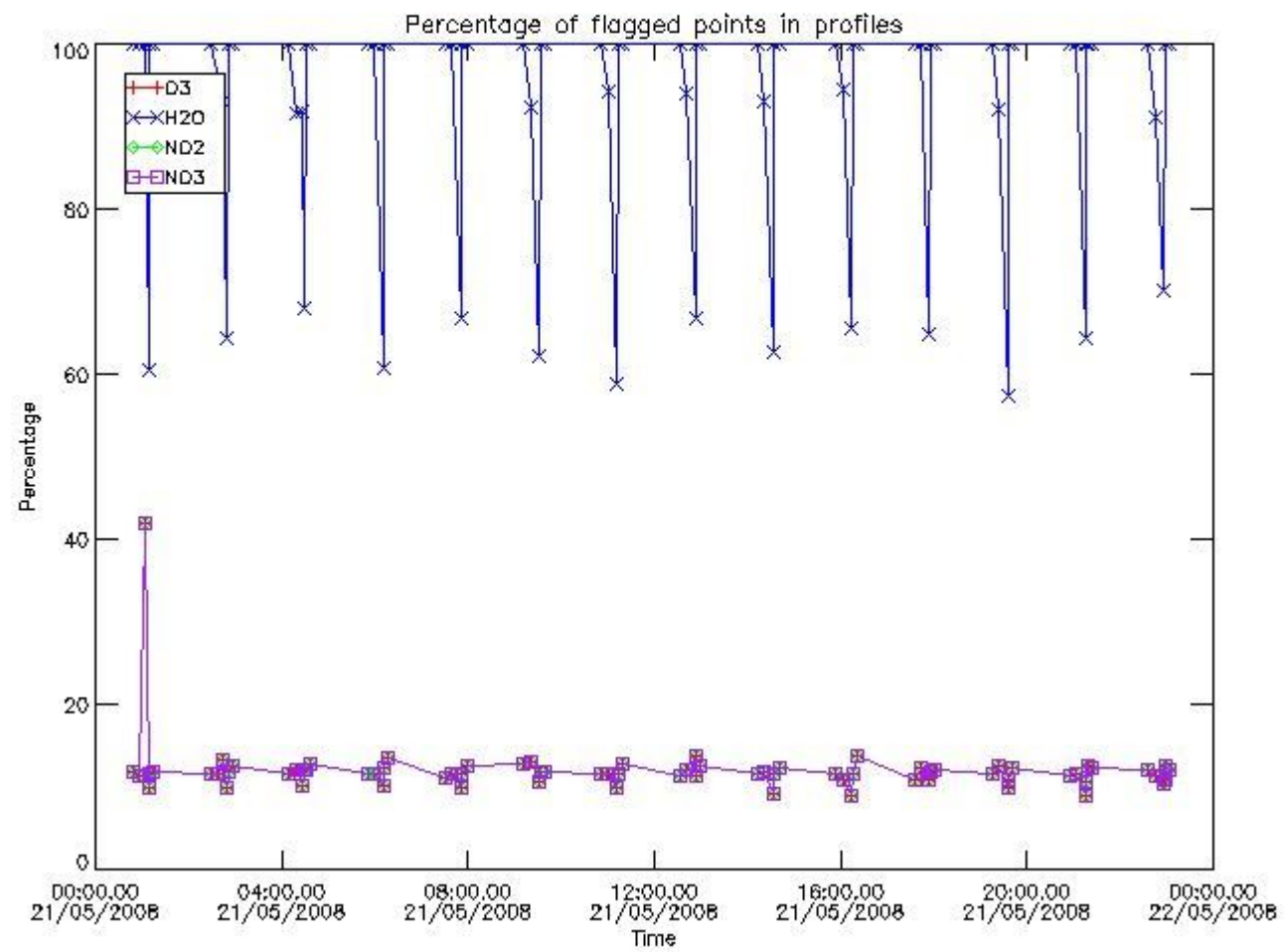


338	GOM_NL__2PRFIN20080521_233940_000000352068_00431_32549_2137.N1	21-MAY-2008 23:39:40	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32549	No
339	GOM_NL__2PRFIN20080521_234752_000000402068_00431_32549_2138.N1	21-MAY-2008 23:47:52	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32549	No
340	GOM_NL__2PRFIN20080521_234953_000000342068_00431_32549_2139.N1	21-MAY-2008 23:49:53	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32549	No
341	GOM_NL__2PRFIN20080521_235426_000000332068_00431_32549_2140.N1	21-MAY-2008 23:54:26	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	32549	No

### 3. Quality information per product

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

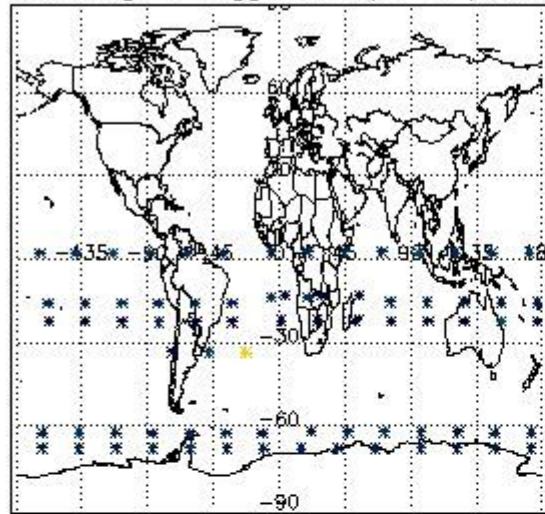
#### 3.1 Plot quality information per product (time dependant)



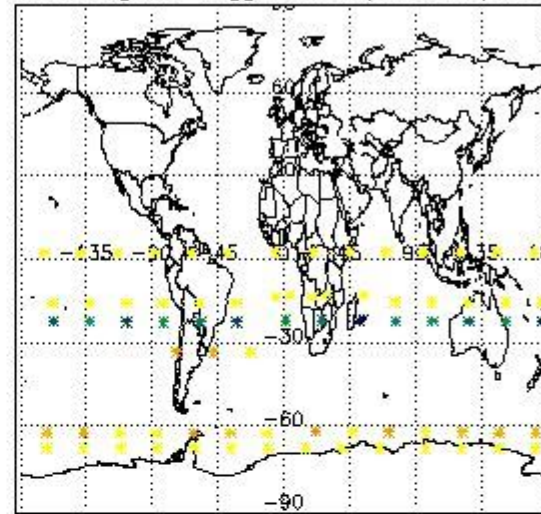
#### 3.2 Plot quality information per product (world map)



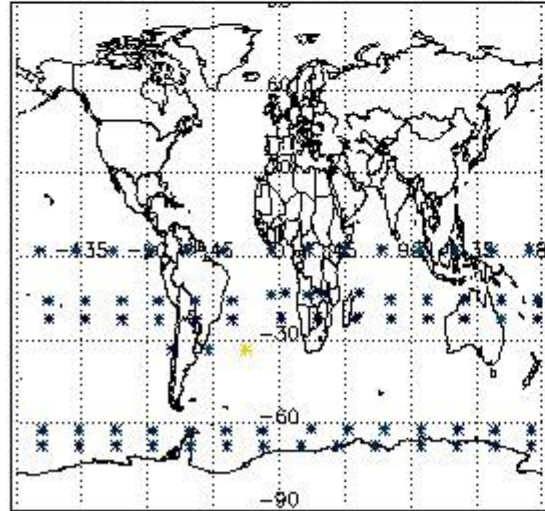
Percentage of flagged data per O3 profile



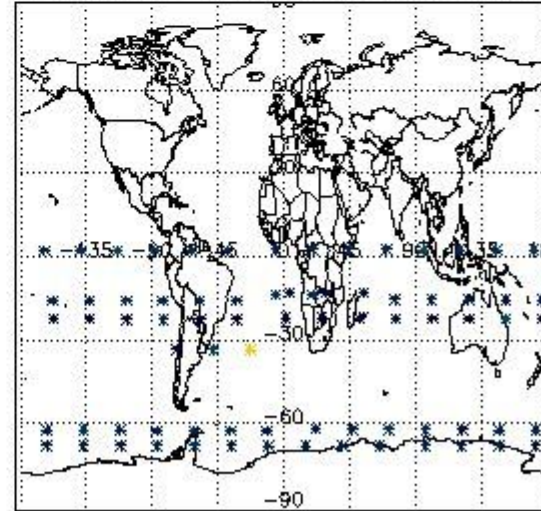
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

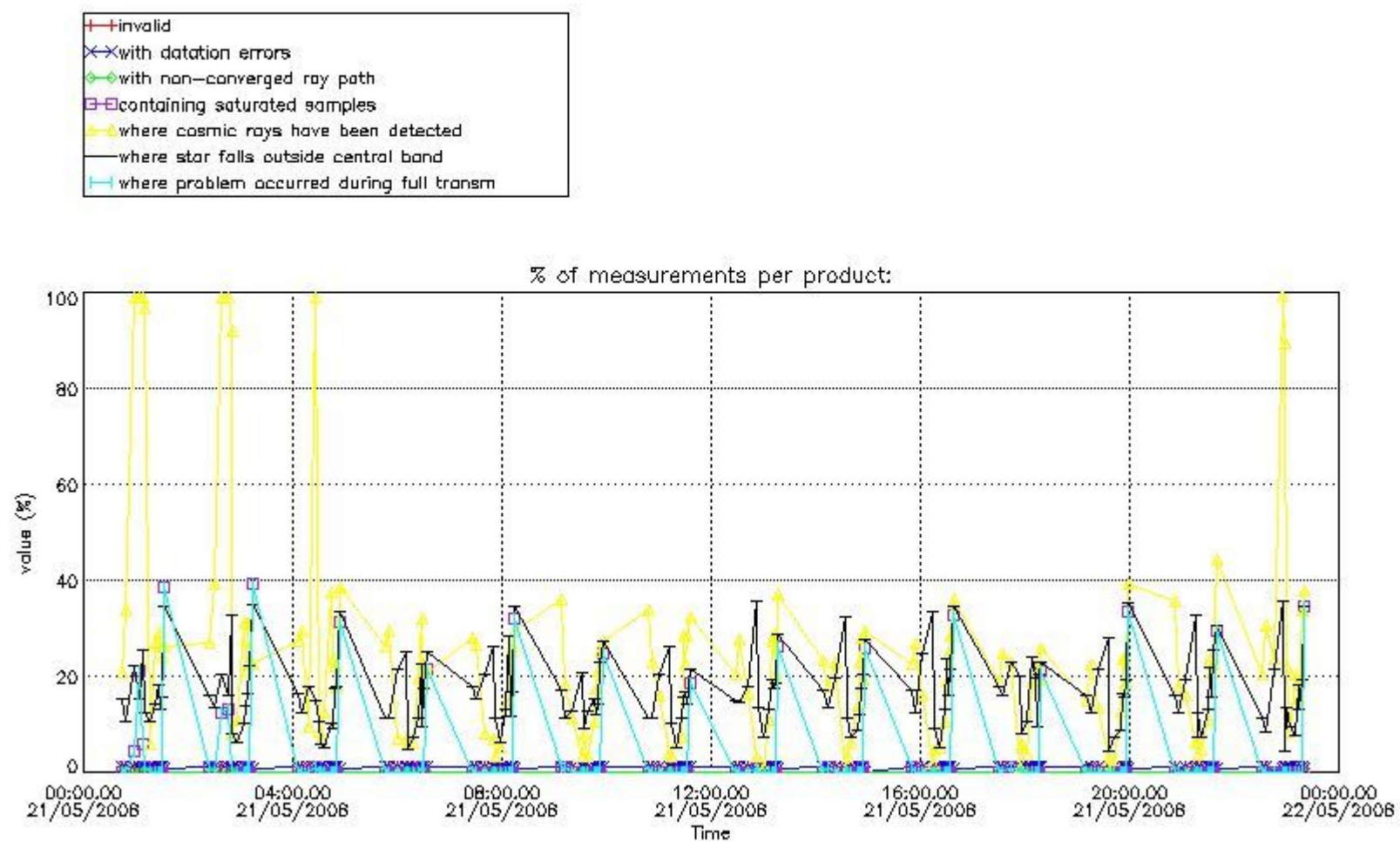


#### 4. Level 1 quality information per product

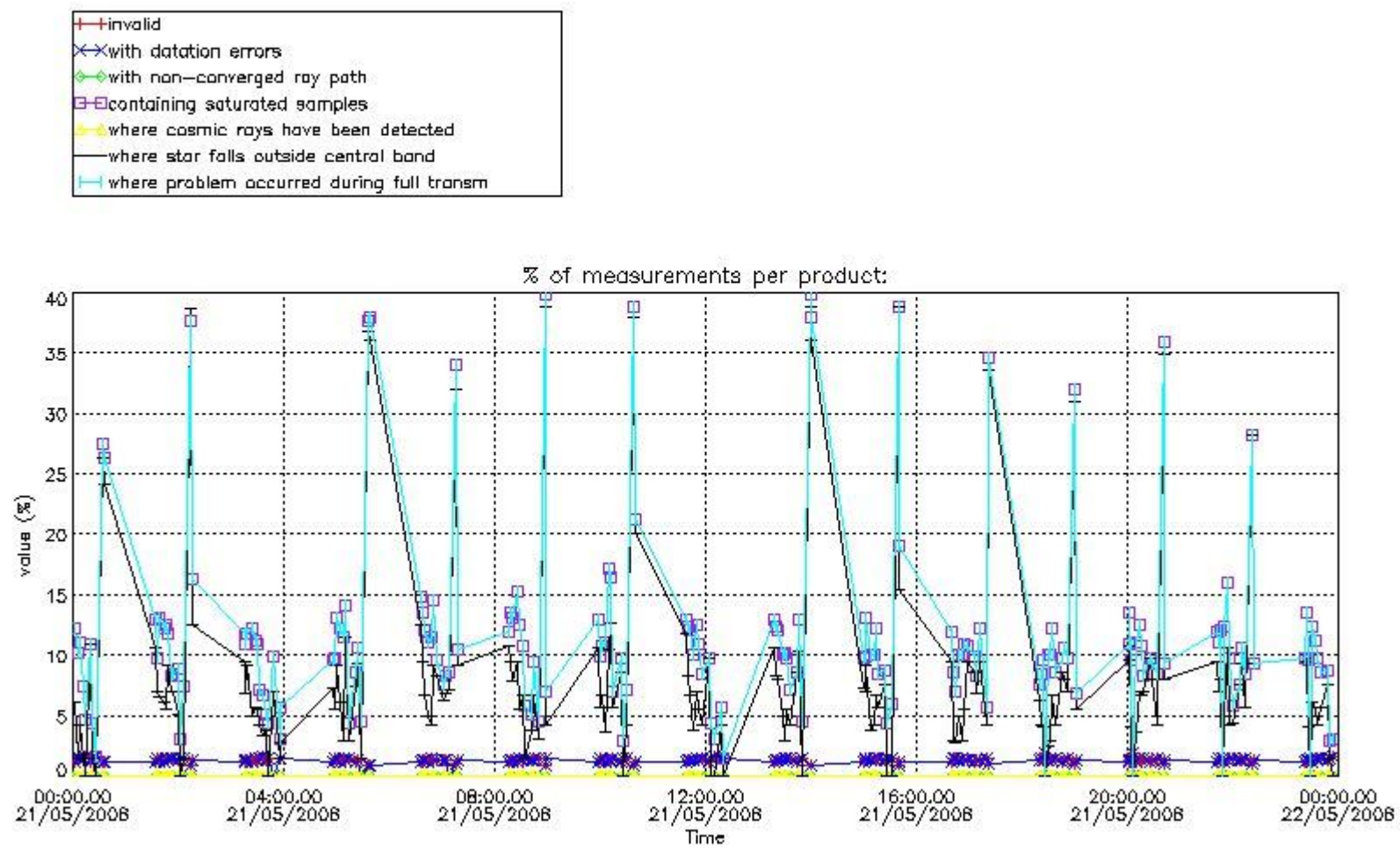
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



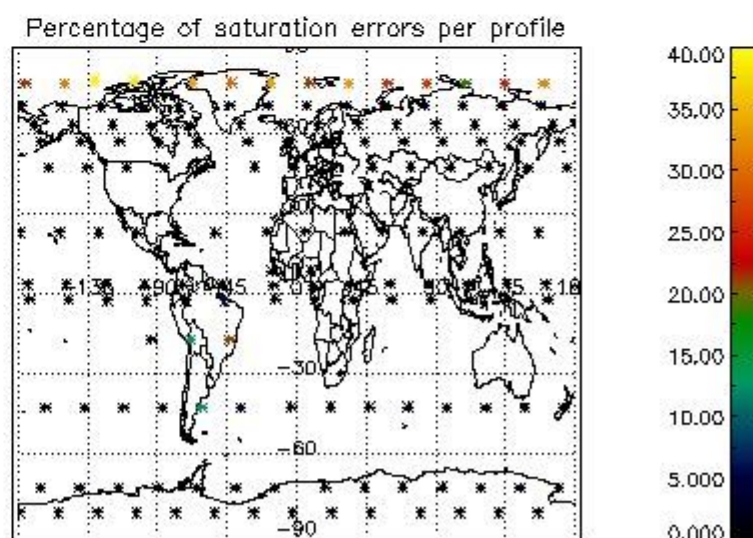
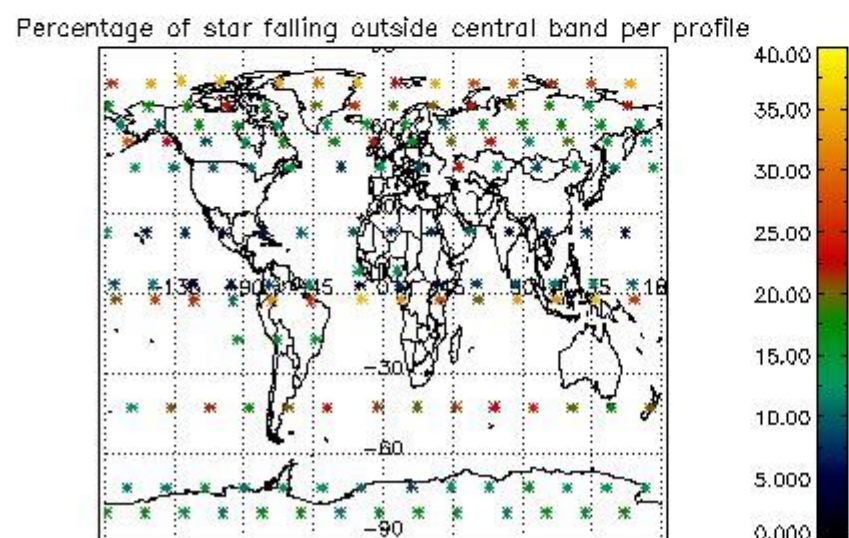
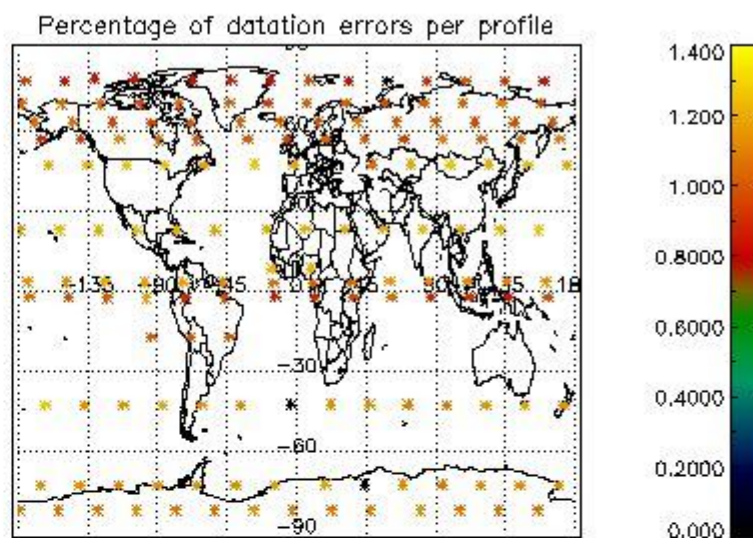
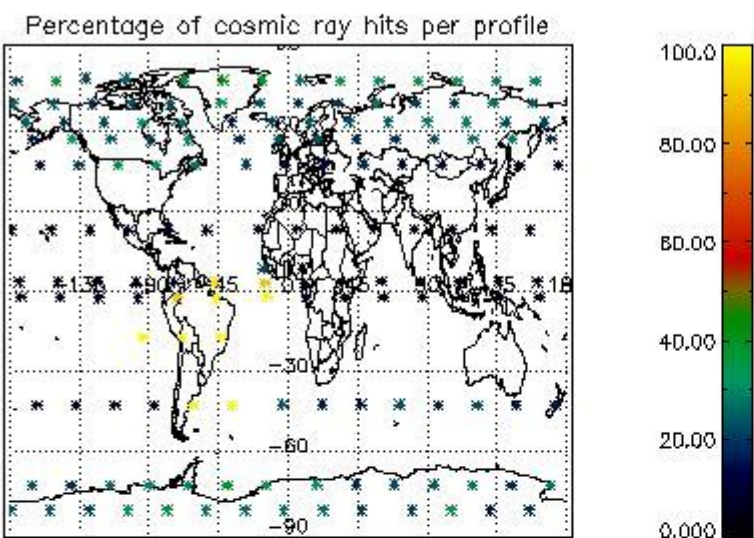
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

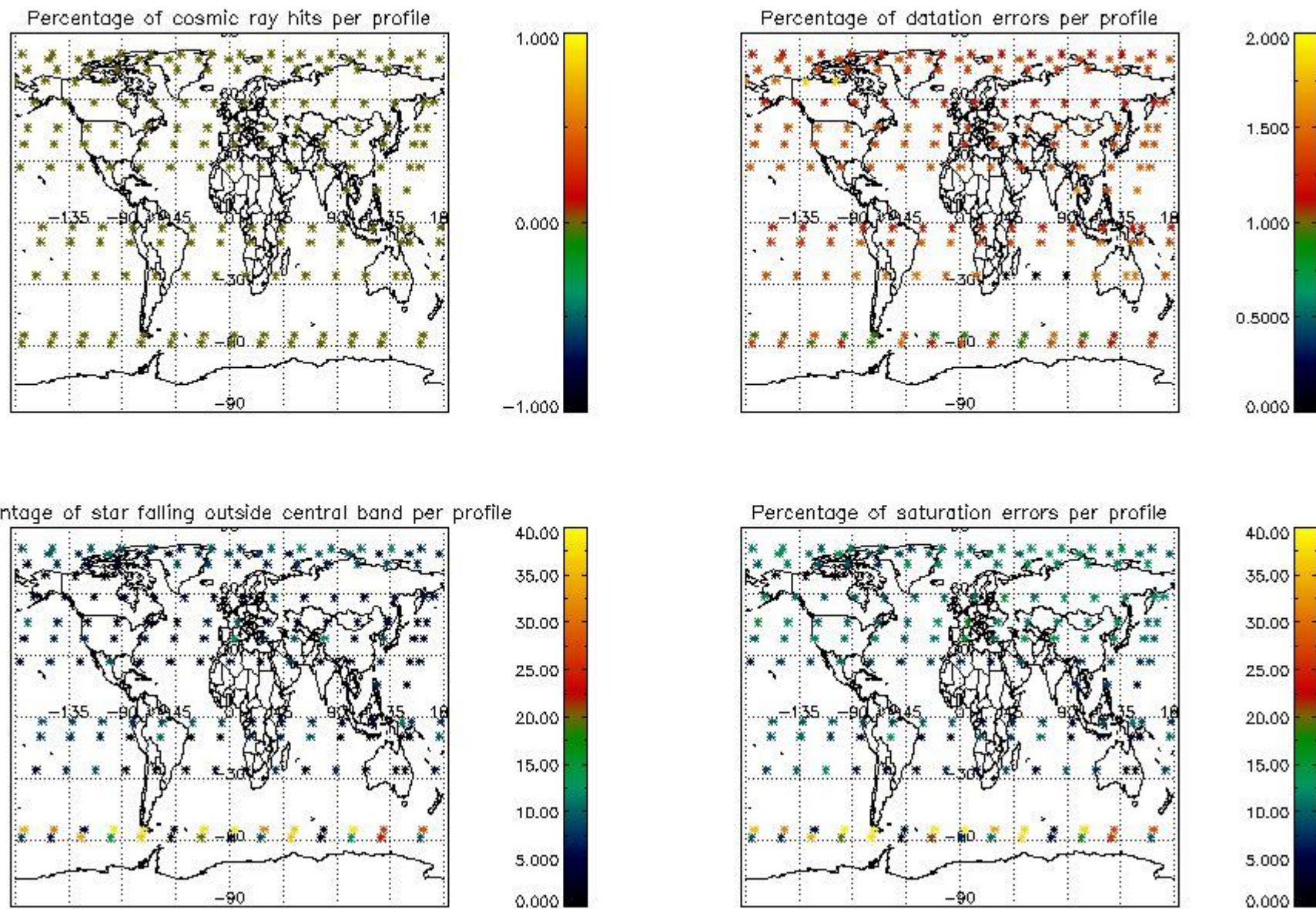
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

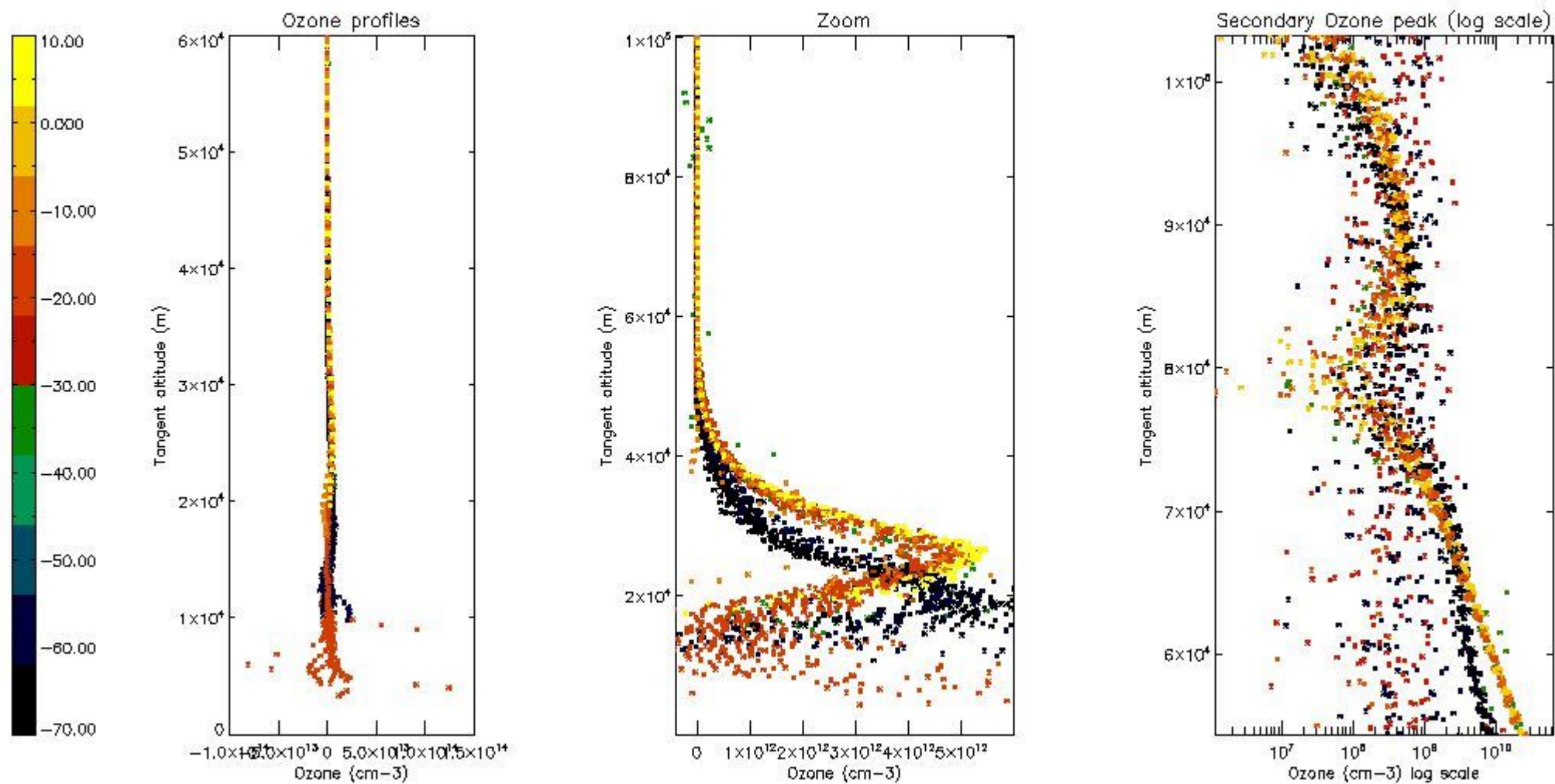
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	9
STD < 5	6

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

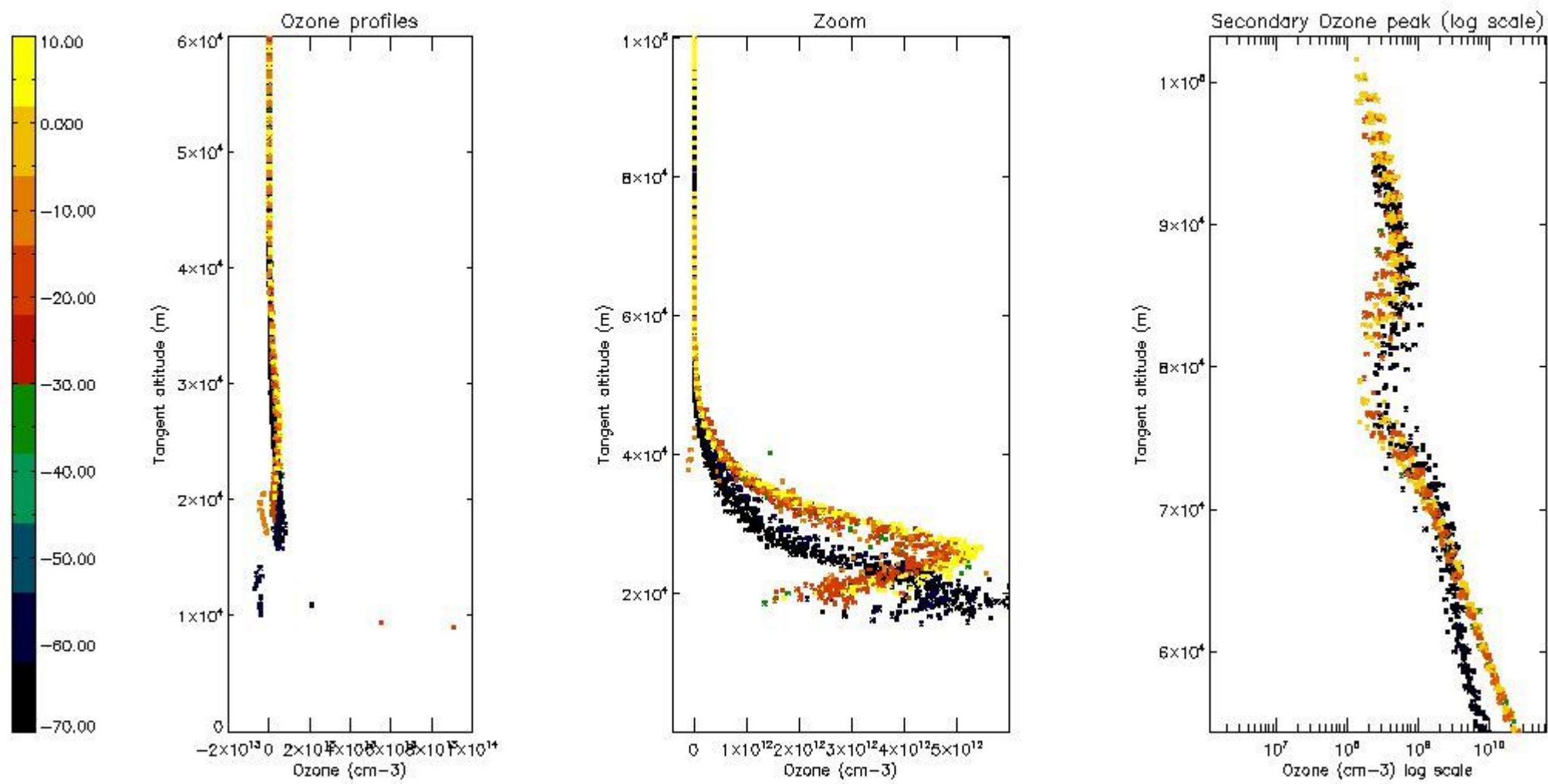
The colorbar represents the latitude.



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

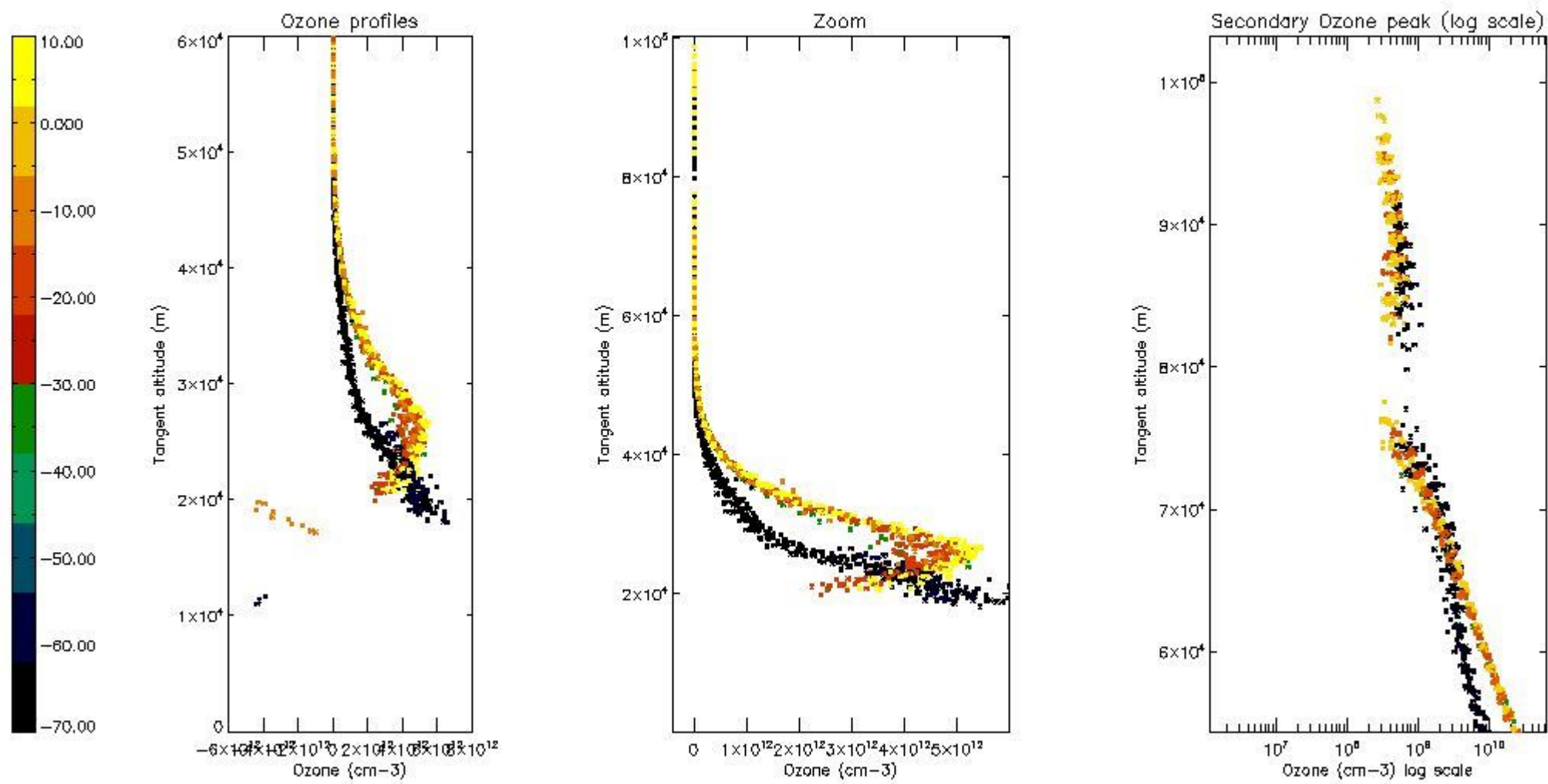
The colorbar represents the latitude.





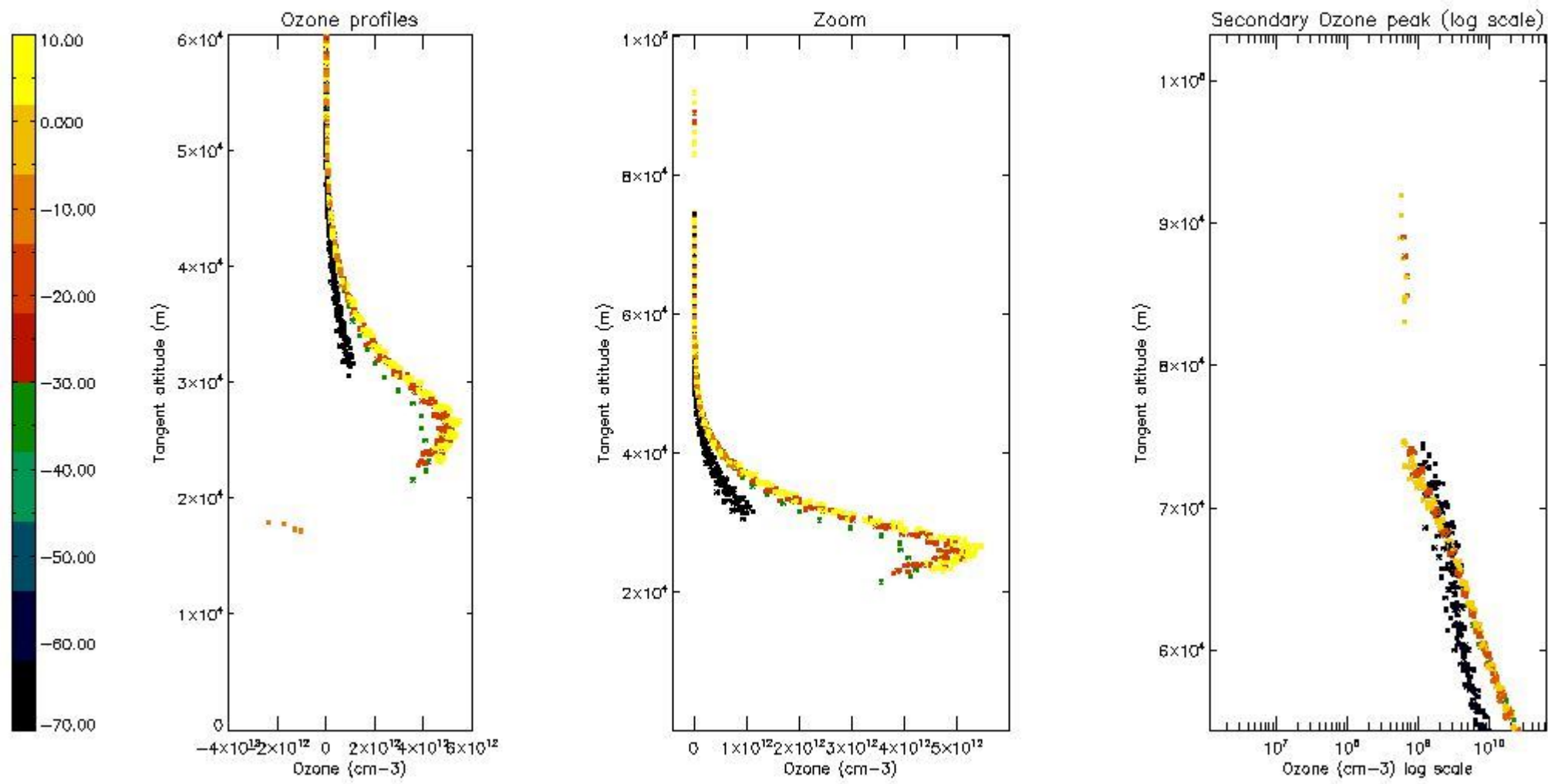
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

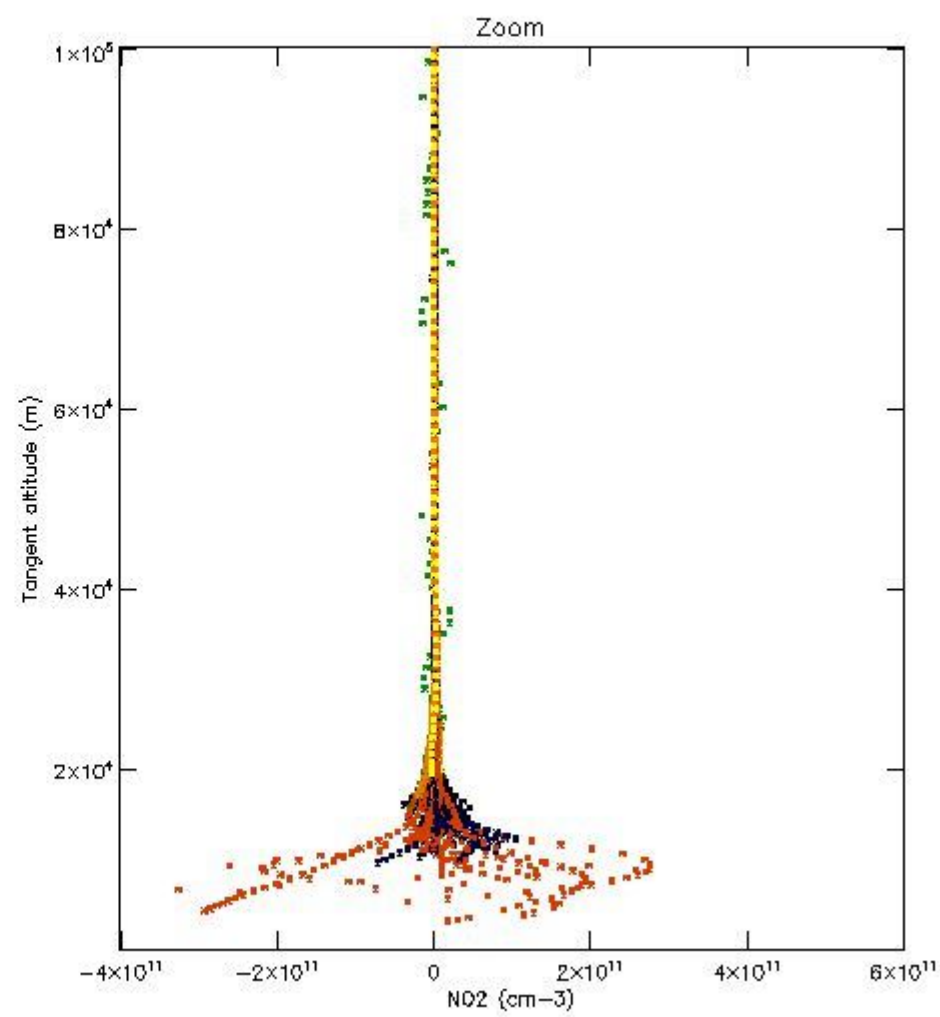
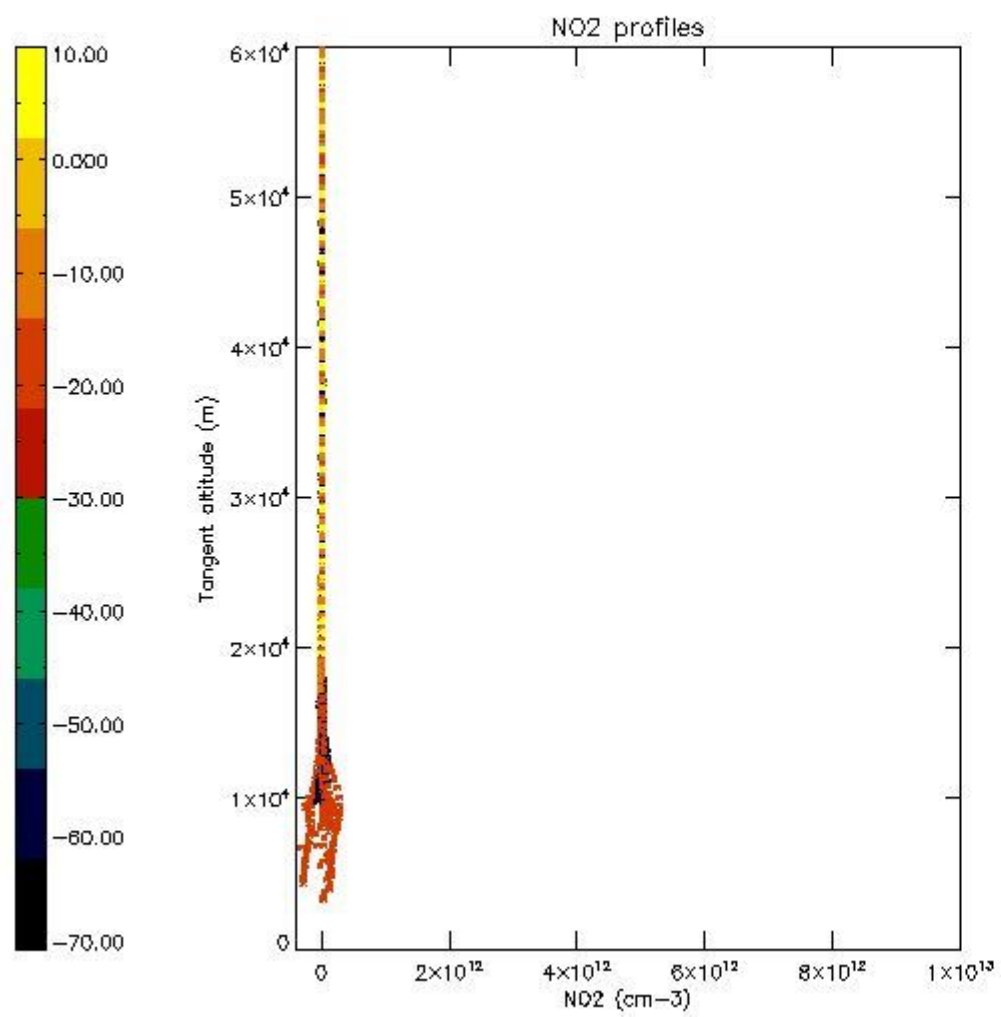
The colorbar represents the latitude.



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

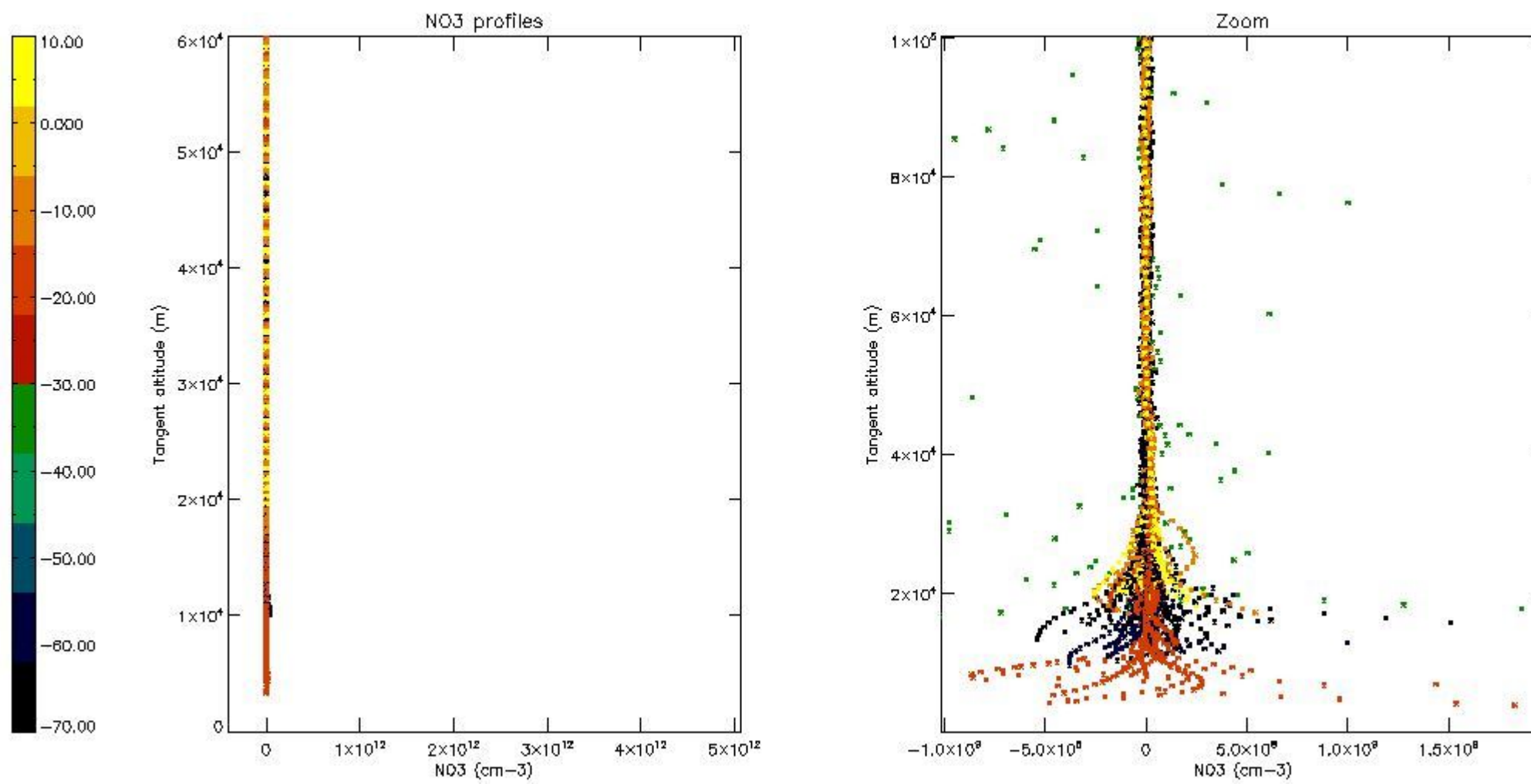
The colorbar represents the latitude.





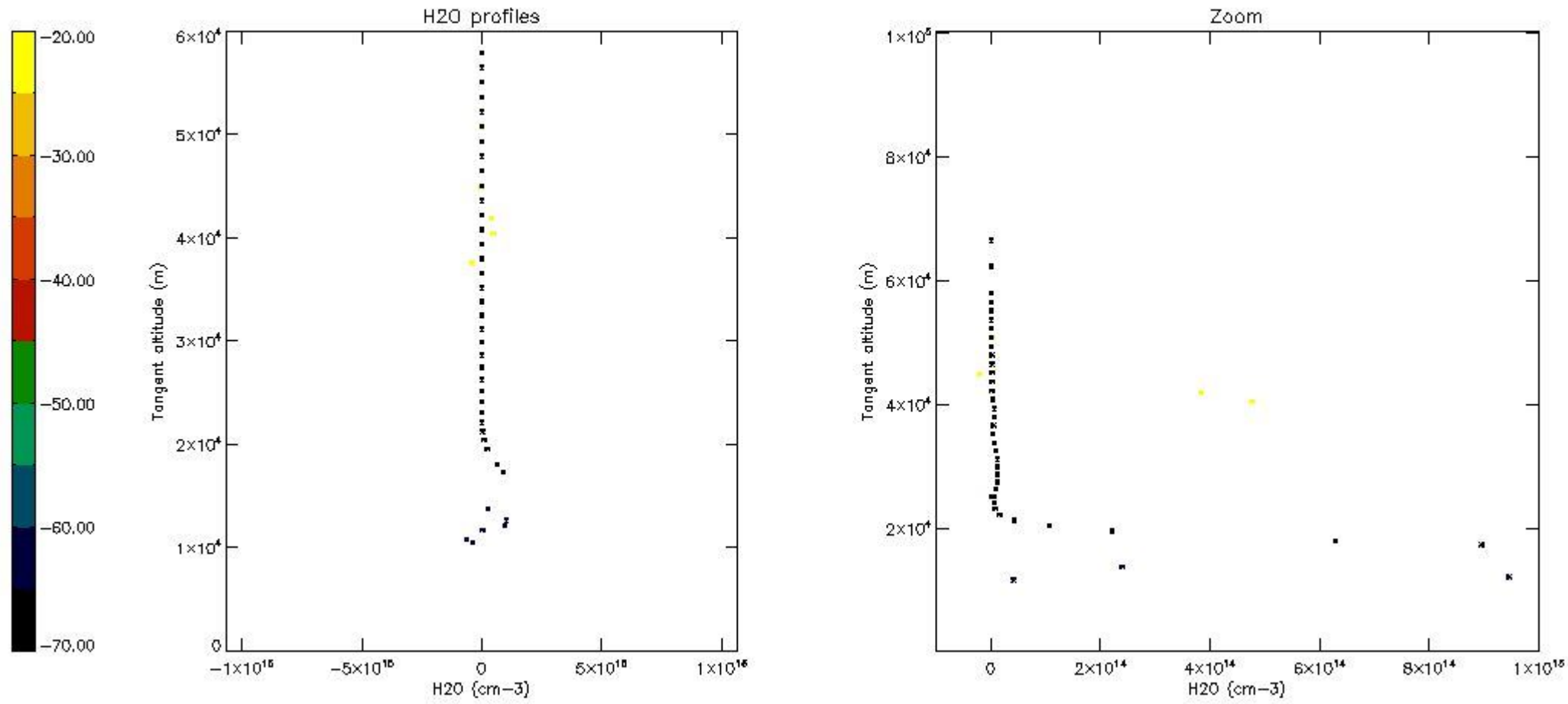
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-MAY-2008 00:02:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-MAY-2008 00:02:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-MAY-2008 00:02:26



# GOMOS Level 2 Daily Report

## SUMMARY

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### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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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 14:31:42
Data source version	GOMOS/6.01
Start time of products	21-05-2008 (21MAY2008 00:00:00)
Stop time of products	22-05-2008 (22MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	341
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__2PRFIN20080521_000226_000000412068_00417_32535_1864.N1	21-MAY-2008 00:02:26	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32535	No
2	GOM_NL__2PRFIN20080521_000552_000000352068_00417_32535_1865.N1	21-MAY-2008 00:05:52	Bright	34.500	3	16Alp Boo	-0.050000	4250.0	69	32535	No
3	GOM_NL__2PRFIN20080521_000809_000000362068_00417_32535_1866.N1	21-MAY-2008 00:08:09	Bright	36.000	83		2.3780	11000.	72	32535	No
4	GOM_NL__2PRFIN20080521_001118_000000342068_00417_32535_1867.N1	21-MAY-2008 00:11:18	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	32535	No
5	GOM_NL__2PRFIN20080521_001423_000000332068_00417_32535_1868.N1	21-MAY-2008 00:14:23	Bright	32.500	39	85Eta UMa	1.8540	24000.	65	32535	No
6	GOM_NL__2PRFIN20080521_001935_000000422068_00417_32535_1869.N1	21-MAY-2008 00:19:35	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32535	No
7	GOM_NL__2PRFIN20080521_002131_000000352068_00417_32535_1870.N1	21-MAY-2008 00:21:31	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32535	No
8	GOM_NL__2PRFIN20080521_002603_000000322068_00417_32535_1871.N1	21-MAY-2008 00:26:03	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	32535	No
9	GOM_NL__2PRFIN20080521_003414_000000462068_00417_32535_1872.N1	21-MAY-2008 00:34:14	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	32535	No
10	GOM_NL__2PRFIN20080521_003527_000000462068_00417_32535_1873.N1	21-MAY-2008 00:35:27	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	32535	No
11	GOM_NL__2PRFIN20080521_004404_000000462068_00417_32535_1874.N1	21-MAY-2008 00:44:04	Twilight	46.000	58	21Alp And	2.0730	11000.	92	32535	No
12	GOM_NL__2PRFIN20080521_004824_000000432068_00417_32535_1875.N1	21-MAY-2008 00:48:24	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32535	No
13	GOM_NL__2PRFIN20080521_005712_000000452068_00417_32535_1876.N1	21-MAY-2008 00:57:12	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32535	No
14	GOM_NL__2PRFIN20080521_010423_000000502068_00417_32535_1877.N1	21-MAY-2008 01:04:23	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32535	No
15	GOM_NL__2PRFIN20080521_010829_000000512068_00417_32535_1878.N1	21-MAY-2008 01:08:29	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32535	No
16	GOM_NL__2PRFIN20080521_011007_000000452068_00418_32536_1867.N1	21-MAY-2008 01:10:07	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32536	No
17	GOM_NL__2PRFIN20080521_011533_000000432068_00418_32536_1868.N1	21-MAY-2008 01:15:33	Dark	43.000	45	Alp Pav	1.9400	26000.	86	32536	No
18	GOM_NL__2PRFIN20080521_012228_000000432068_00418_32536_1869.N1	21-MAY-2008 01:22:28	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32536	No
19	GOM_NL__2PRFIN20080521_012511_000000502068_00418_32536_1870.N1	21-MAY-2008 01:25:11	Straylight	50.000	40	The Sco	1.8590	7100.0	100	32536	No
20	GOM_NL__2PRFIN20080521_012702_000000502068_00418_32536_1871.N1	21-MAY-2008 01:27:02	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	32536	No
21	GOM_NL__2PRFIN20080521_012910_000000482068_00418_32536_1872.N1	21-MAY-2008 01:29:10	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	32536	No
22	GOM_NL__2PRFIN20080521_013229_000000602068_00418_32536_1873.N1	21-MAY-2008 01:32:29	Bright	59.500	156	20Sig Sco	2.9030	28000.	119	32536	No
23	GOM_NL__2PRFIN20080521_013432_000000432068_00418_32536_1874.N1	21-MAY-2008 01:34:32	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32536	No
24	GOM_NL__2PRFIN20080521_013619_000000362068_00418_32536_1875.N1	21-MAY-2008 01:36:19	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32536	No
25	GOM_NL__2PRFIN20080521_013804_000000382068_00418_32536_1876.N1	21-MAY-2008 01:38:04	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32536	No
26	GOM_NL__2PRFIN20080521_014302_000000412068_00418_32536_1877.N1	21-MAY-2008 01:43:02	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32536	No
27	GOM_NL__2PRFIN20080521_014628_000000362068_00418_32536_1878.N1	21-MAY-2008 01:46:28	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32536	No
28	GOM_NL__2PRFIN20080521_014844_000000382068_00418_32536_1879.N1	21-MAY-2008 01:48:44	Bright	38.000	83		2.3780	11000.	76	32536	No
29	GOM_NL__2PRFIN20080521_015154_000000362068_00418_32536_1880.N1	21-MAY-2008 01:51:54	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32536	No
30	GOM_NL__2PRFIN20080521_015459_000000362068_00418_32536_1881.N1	21-MAY-2008 01:54:59	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32536	No
31	GOM_NL__2PRFIN20080521_020010_000000402068_00418_32536_1882.N1	21-MAY-2008 02:00:10	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32536	No
32	GOM_NL__2PRFIN20080521_020207_000000342068_00418_32536_1883.N1	21-MAY-2008 02:02:07	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	32536	No
33	GOM_NL__2PRFIN20080521_020639_000000342068_00418_32536_1884.N1	21-MAY-2008 02:06:39	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	32536	No
34	GOM_NL__2PRFIN20080521_021450_000000532068_00418_32536_1885.N1	21-MAY-2008 02:14:50	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32536	No
35	GOM_NL__2PRFIN20080521_021602_000000402068_00418_32536_1886.N1	21-MAY-2008 02:16:02	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	32536	No
36	GOM_NL__2PRFIN20080521_022440_000000472068_00418_32536_1887.N1	21-MAY-2008 02:24:40	Twilight	46.500	58	21Alp And	2.0730	11000.	93	32536	No
37	GOM_NL__2PRFIN20080521_022901_000000452068_00418_32536_1888.N1	21-MAY-2008 02:29:01	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32536	No
38	GOM_NL__2PRFIN20080521_023748_000000442068_00418_32536_1889.N1	21-MAY-2008 02:37:48	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32536	No
39	GOM_NL__2PRFIN20080521_024500_000000502068_00418_32536_1890.N1	21-MAY-2008 02:45:00	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32536	No
40	GOM_NL__2PRFIN20080521_024906_000000572068_00418_32536_1891.N1	21-MAY-2008 02:49:06	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32536	No
41	GOM_NL__2PRFIN20080521_025043_000000432068_00419_32537_1891.N1	21-MAY-2008 02:50:43	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32537	No
42	GOM_NL__2PRFIN20080521_025610_000000412068_00419_32537_1892.N1	21-MAY-2008 02:56:10	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32537	No

43	GOM_NL__2PRFIN20080521_030304_000000402068_00419_32537_1893.N1	21-MAY-2008 03:03:04	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32537	No
44	GOM_NL__2PRFIN20080521_030548_000000482068_00419_32537_1894.N1	21-MAY-2008 03:05:48	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32537	No
45	GOM_NL__2PRFIN20080521_030739_000000522068_00419_32537_1895.N1	21-MAY-2008 03:07:39	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	32537	No
46	GOM_NL__2PRFIN20080521_030946_000000522068_00419_32537_1896.N1	21-MAY-2008 03:09:46	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32537	No
47	GOM_NL__2PRFIN20080521_031305_000000602068_00419_32537_1897.N1	21-MAY-2008 03:13:05	Bright	60.000	156	20Sig Sco	2.9030	28000.	120	32537	No
48	GOM_NL__2PRFIN20080521_031508_000000432068_00419_32537_1898.N1	21-MAY-2008 03:15:08	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32537	No
49	GOM_NL__2PRFIN20080521_031655_000000372068_00419_32537_1899.N1	21-MAY-2008 03:16:55	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32537	No
50	GOM_NL__2PRFIN20080521_031840_000000382068_00419_32537_1900.N1	21-MAY-2008 03:18:40	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32537	No
51	GOM_NL__2PRFIN20080521_032338_000000412068_00419_32537_1901.N1	21-MAY-2008 03:23:38	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32537	No
52	GOM_NL__2PRFIN20080521_032704_000000362068_00419_32537_1902.N1	21-MAY-2008 03:27:04	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32537	No
53	GOM_NL__2PRFIN20080521_032920_000000372068_00419_32537_1903.N1	21-MAY-2008 03:29:20	Bright	36.500	83		2.3780	11000.	73	32537	No
54	GOM_NL__2PRFIN20080521_033230_000000352068_00419_32537_1904.N1	21-MAY-2008 03:32:30	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32537	No
55	GOM_NL__2PRFIN20080521_033539_000000302068_00419_32537_1905.N1	21-MAY-2008 03:35:39	Bright	30.000	39	85Eta UMa	1.8540	24000.	60	32537	No
56	GOM_NL__2PRFIN20080521_034046_000000392068_00419_32537_1906.N1	21-MAY-2008 03:40:46	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32537	No
57	GOM_NL__2PRFIN20080521_034243_000000342068_00419_32537_1907.N1	21-MAY-2008 03:42:43	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32537	No
58	GOM_NL__2PRFIN20080521_034715_000000362068_00419_32537_1908.N1	21-MAY-2008 03:47:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32537	No
59	GOM_NL__2PRFIN20080521_035526_000000342068_00419_32537_1909.N1	21-MAY-2008 03:55:26	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32537	No
60	GOM_NL__2PRFIN20080521_035638_000000362068_00419_32537_1910.N1	21-MAY-2008 03:56:38	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32537	No
61	GOM_NL__2PRFIN20080521_040516_000000462068_00419_32537_1911.N1	21-MAY-2008 04:05:16	Tw_i_and_stray	46.000	58	21Alp And	2.0730	11000.	92	32537	No
62	GOM_NL__2PRFIN20080521_040937_000000442068_00419_32537_1912.N1	21-MAY-2008 04:09:37	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32537	No
63	GOM_NL__2PRFIN20080521_041824_000000422068_00419_32537_1913.N1	21-MAY-2008 04:18:24	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32537	No
64	GOM_NL__2PRFIN20080521_042537_000000502068_00419_32537_1914.N1	21-MAY-2008 04:25:37	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32537	No
65	GOM_NL__2PRFIN20080521_042942_000000432068_00419_32537_1915.N1	21-MAY-2008 04:29:42	Dark	42.500	63	Bet Gru	2.1500	2800.0	85	32537	No
66	GOM_NL__2PRFIN20080521_043120_000000432068_00420_32538_1906.N1	21-MAY-2008 04:31:20	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32538	No
67	GOM_NL__2PRFIN20080521_043647_000000402068_00420_32538_1907.N1	21-MAY-2008 04:36:47	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32538	No
68	GOM_NL__2PRFIN20080521_044341_000000402068_00420_32538_1908.N1	21-MAY-2008 04:43:41	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32538	No
69	GOM_NL__2PRFIN20080521_044624_000000452068_00420_32538_1909.N1	21-MAY-2008 04:46:24	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32538	No
70	GOM_NL__2PRFIN20080521_044815_000000522068_00420_32538_1910.N1	21-MAY-2008 04:48:15	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	32538	No
71	GOM_NL__2PRFIN20080521_045022_000000482068_00420_32538_1911.N1	21-MAY-2008 04:50:22	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32538	No
72	GOM_NL__2PRFIN20080521_045317_000000612068_00420_32538_1912.N1	21-MAY-2008 04:53:17	Tw_i_and_stray	61.000	16	21Alp Sco	1.0200	3000.0	122	32538	No
73	GOM_NL__2PRFIN20080521_045544_000000422068_00420_32538_1913.N1	21-MAY-2008 04:55:44	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	32538	No
74	GOM_NL__2PRFIN20080521_045731_000000362068_00420_32538_1914.N1	21-MAY-2008 04:57:31	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32538	No
75	GOM_NL__2PRFIN20080521_045916_000000382068_00420_32538_1915.N1	21-MAY-2008 04:59:16	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32538	No
76	GOM_NL__2PRFIN20080521_050414_000000412068_00420_32538_1916.N1	21-MAY-2008 05:04:14	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	32538	No
77	GOM_NL__2PRFIN20080521_050740_000000352068_00420_32538_1917.N1	21-MAY-2008 05:07:40	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32538	No
78	GOM_NL__2PRFIN20080521_050956_000000392068_00420_32538_1918.N1	21-MAY-2008 05:09:56	Bright	39.000	83		2.3780	11000.	78	32538	No
79	GOM_NL__2PRFIN20080521_051306_000000352068_00420_32538_1919.N1	21-MAY-2008 05:13:06	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32538	No
80	GOM_NL__2PRFIN20080521_052121_000000412068_00420_32538_1920.N1	21-MAY-2008 05:21:21	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32538	No
81	GOM_NL__2PRFIN20080521_052319_000000382068_00420_32538_1921.N1	21-MAY-2008 05:23:19	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32538	No
82	GOM_NL__2PRFIN20080521_052750_000000332068_00420_32538_1922.N1	21-MAY-2008 05:27:50	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32538	No
83	GOM_NL__2PRFIN20080521_053602_000000532068_00420_32538_1923.N1	21-MAY-2008 05:36:02	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32538	No
84	GOM_NL__2PRFIN20080521_053714_000000542068_00420_32538_1924.N1	21-MAY-2008 05:37:14	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32538	No
85	GOM_NL__2PRFIN20080521_054552_000000442068_00420_32538_1925.N1	21-MAY-2008 05:45:52	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	32538	No
86	GOM_NL__2PRFIN20080521_055013_000000442068_00420_32538_1926.N1	21-MAY-2008 05:50:13	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32538	No
87	GOM_NL__2PRFIN20080521_055901_000000442068_00420_32538_1927.N1	21-MAY-2008 05:59:01	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32538	No
88	GOM_NL__2PRFIN20080521_061019_000000502068_00420_32538_1928.N1	21-MAY-2008 06:10:19	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32538	No
89	GOM_NL__2PRFIN20080521_061157_000000422068_00421_32539_1928.N1	21-MAY-2008 06:11:57	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32539	No
90	GOM_NL__2PRFIN20080521_061723_000000422068_00421_32539_1929.N1	21-MAY-2008 06:17:23	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32539	No
91	GOM_NL__2PRFIN20080521_062417_000000412068_00421_32539_1930.N1	21-MAY-2008 06:24:17	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32539	No
92	GOM_NL__2PRFIN20080521_062701_000000532068_00421_32539_1931.N1	21-MAY-2008 06:27:01	Straylight	53.000	40	The Sco	1.8590	7100.0	106	32539	No
93	GOM_NL__2PRFIN20080521_062852_000000472068_00421_32539_1932.N1	21-MAY-2008 06:28:52	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	32539	No
94	GOM_NL__2PRFIN20080521_063059_000000492068_00421_32539_1933.N1	21-MAY-2008 06:30:59	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	32539	No
95	GOM_NL__2PRFIN20080521_063354_000000542068_00421_32539_1934.N1	21-MAY-2008 06:33:54	Tw_i_and_stray	53.500	16	21Alp Sco	1.0200	3000.0	107	32539	No
96	GOM_NL__2PRFIN20080521_063620_000000442068_00421_32539_1935.N1	21-MAY-2008 06:36:20	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32539	No
97	GOM_NL__2PRFIN20080521_063807_000000372068_00421_32539_1936.N1	21-MAY-2008 06:38:07	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32539	No
98	GOM_NL__2PRFIN20080521_063952_000000382068_00421_32539_1937.N1	21-MAY-2008 06:39:52	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32539	No
99	GOM_NL__2PRFIN20080521_064449_000000412068_00421_32539_1938.N1	21-MAY-2008 06:44:49	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32539	No
100	GOM_NL__2PRFIN20080521_064816_000000352068_00421_32539_1939.N1	21-MAY-2008 06:48:16	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32539	No
101	GOM_NL__2PRFIN20080521_065032_000000382068_00421_32539_1940.N1	21-MAY-2008 06:50:32	Bright	38.000	83		2.3780	11000.	76	32539	No

102	GOM_NL__2PRFIN20080521_065342_000000372068_00421_32539_1941.N1	21-MAY-2008 06:53:42	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32539	No
103	GOM_NL__2PRFIN20080521_070157_000000402068_00421_32539_1942.N1	21-MAY-2008 07:01:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32539	No
104	GOM_NL__2PRFIN20080521_070355_000000372068_00421_32539_1943.N1	21-MAY-2008 07:03:55	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32539	No
105	GOM_NL__2PRFIN20080521_070827_000000352068_00421_32539_1944.N1	21-MAY-2008 07:08:27	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32539	No
106	GOM_NL__2PRFIN20080521_071638_000000502068_00421_32539_1945.N1	21-MAY-2008 07:16:38	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	32539	No
107	GOM_NL__2PRFIN20080521_071750_000000382068_00421_32539_1946.N1	21-MAY-2008 07:17:50	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	32539	No
108	GOM_NL__2PRFIN20080521_072628_000000482068_00421_32539_1947.N1	21-MAY-2008 07:26:28	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	32539	No
109	GOM_NL__2PRFIN20080521_073050_000000462068_00421_32539_1948.N1	21-MAY-2008 07:30:50	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	32539	No
110	GOM_NL__2PRFIN20080521_073937_000000442068_00421_32539_1949.N1	21-MAY-2008 07:39:37	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32539	No
111	GOM_NL__2PRFIN20080521_075056_000000522068_00421_32539_1950.N1	21-MAY-2008 07:50:56	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32539	No
112	GOM_NL__2PRFIN20080521_075234_000000452068_00422_32540_1957.N1	21-MAY-2008 07:52:34	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32540	No
113	GOM_NL__2PRFIN20080521_075800_000000412068_00422_32540_1958.N1	21-MAY-2008 07:58:00	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32540	No
114	GOM_NL__2PRFIN20080521_080454_000000422068_00422_32540_1959.N1	21-MAY-2008 08:04:54	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32540	No
115	GOM_NL__2PRFIN20080521_080737_000000572068_00422_32540_1960.N1	21-MAY-2008 08:07:37	Straylight	56.500	40	The Sco	1.8590	7100.0	113	32540	No
116	GOM_NL__2PRFIN20080521_080928_000000482068_00422_32540_1961.N1	21-MAY-2008 08:09:28	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	32540	No
117	GOM_NL__2PRFIN20080521_081135_000000482068_00422_32540_1962.N1	21-MAY-2008 08:11:35	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32540	No
118	GOM_NL__2PRFIN20080521_081430_000000612068_00422_32540_1963.N1	21-MAY-2008 08:14:30	Tw_i_and_stray	61.000	16	21Alp Sco	1.0200	3000.0	122	32540	No
119	GOM_NL__2PRFIN20080521_081656_000000422068_00422_32540_1964.N1	21-MAY-2008 08:16:56	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32540	No
120	GOM_NL__2PRFIN20080521_081843_000000372068_00422_32540_1965.N1	21-MAY-2008 08:18:43	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32540	No
121	GOM_NL__2PRFIN20080521_082028_000000382068_00422_32540_1966.N1	21-MAY-2008 08:20:28	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32540	No
122	GOM_NL__2PRFIN20080521_082525_000000432068_00422_32540_1967.N1	21-MAY-2008 08:25:25	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32540	No
123	GOM_NL__2PRFIN20080521_082852_000000362068_00422_32540_1968.N1	21-MAY-2008 08:28:52	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32540	No
124	GOM_NL__2PRFIN20080521_083108_000000372068_00422_32540_1969.N1	21-MAY-2008 08:31:08	Bright	37.000	83		2.3780	11000.	74	32540	No
125	GOM_NL__2PRFIN20080521_083418_000000342068_00422_32540_1970.N1	21-MAY-2008 08:34:18	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	32540	No
126	GOM_NL__2PRFIN20080521_084233_000000392068_00422_32540_1971.N1	21-MAY-2008 08:42:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32540	No
127	GOM_NL__2PRFIN20080521_084431_000000372068_00422_32540_1972.N1	21-MAY-2008 08:44:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32540	No
128	GOM_NL__2PRFIN20080521_084902_000000342068_00422_32540_1973.N1	21-MAY-2008 08:49:02	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32540	No
129	GOM_NL__2PRFIN20080521_085714_000000542068_00422_32540_1974.N1	21-MAY-2008 08:57:14	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32540	No
130	GOM_NL__2PRFIN20080521_085826_000000362068_00422_32540_1975.N1	21-MAY-2008 08:58:26	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	32540	No
131	GOM_NL__2PRFIN20080521_090704_000000472068_00422_32540_1976.N1	21-MAY-2008 09:07:04	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32540	No
132	GOM_NL__2PRFIN20080521_091126_000000442068_00422_32540_1977.N1	21-MAY-2008 09:11:26	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32540	No
133	GOM_NL__2PRFIN20080521_092013_000000402068_00422_32540_1978.N1	21-MAY-2008 09:20:13	Dark	39.500	52	16Bet Cet	2.0370	4500.0	79	32540	No
134	GOM_NL__2PRFIN20080521_093132_000000482068_00422_32540_1979.N1	21-MAY-2008 09:31:32	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32540	No
135	GOM_NL__2PRFIN20080521_093310_000000442068_00423_32541_1995.N1	21-MAY-2008 09:33:10	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32541	No
136	GOM_NL__2PRFIN20080521_093837_000000442068_00423_32541_1996.N1	21-MAY-2008 09:38:37	Dark	43.500	45	Alp Pav	1.9400	26000.	87	32541	No
137	GOM_NL__2PRFIN20080521_094530_000000432068_00423_32541_1997.N1	21-MAY-2008 09:45:30	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32541	No
138	GOM_NL__2PRFIN20080521_094814_000000462068_00423_32541_1998.N1	21-MAY-2008 09:48:14	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32541	No
139	GOM_NL__2PRFIN20080521_095005_000000502068_00423_32541_1999.N1	21-MAY-2008 09:50:05	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	32541	No
140	GOM_NL__2PRFIN20080521_095211_000000522068_00423_32541_2000.N1	21-MAY-2008 09:52:11	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	32541	No
141	GOM_NL__2PRFIN20080521_095506_000000552068_00423_32541_2001.N1	21-MAY-2008 09:55:06	Tw_i_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	32541	No
142	GOM_NL__2PRFIN20080521_095732_000000432068_00423_32541_2002.N1	21-MAY-2008 09:57:32	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32541	No
143	GOM_NL__2PRFIN20080521_095919_000000362068_00423_32541_2003.N1	21-MAY-2008 09:59:19	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	32541	No
144	GOM_NL__2PRFIN20080521_100104_000000372068_00423_32541_2004.N1	21-MAY-2008 10:01:04	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	32541	No
145	GOM_NL__2PRFIN20080521_100601_000000412068_00423_32541_2005.N1	21-MAY-2008 10:06:01	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32541	No
146	GOM_NL__2PRFIN20080521_100928_000000382068_00423_32541_2006.N1	21-MAY-2008 10:09:28	Bright	38.000	3	16Alp Boo	-0.050000	4250.0	76	32541	No
147	GOM_NL__2PRFIN20080521_101144_000000402068_00423_32541_2007.N1	21-MAY-2008 10:11:44	Bright	39.500	83		2.3780	11000.	79	32541	No
148	GOM_NL__2PRFIN20080521_101453_000000362068_00423_32541_2008.N1	21-MAY-2008 10:14:53	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32541	No
149	GOM_NL__2PRFIN20080521_102308_000000412068_00423_32541_2009.N1	21-MAY-2008 10:23:08	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32541	No
150	GOM_NL__2PRFIN20080521_102506_000000342068_00423_32541_2010.N1	21-MAY-2008 10:25:06	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32541	No
151	GOM_NL__2PRFIN20080521_102938_000000352068_00423_32541_2011.N1	21-MAY-2008 10:29:38	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32541	No
152	GOM_NL__2PRFIN20080521_103749_000000542068_00423_32541_2012.N1	21-MAY-2008 10:37:49	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32541	No
153	GOM_NL__2PRFIN20080521_103902_000000432068_00423_32541_2013.N1	21-MAY-2008 10:39:02	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	32541	No
154	GOM_NL__2PRFIN20080521_104740_000000452068_00423_32541_2014.N1	21-MAY-2008 10:47:40	Tw_i_and_stray	44.500	58	21Alp And	2.0730	11000.	89	32541	No
155	GOM_NL__2PRFIN20080521_105202_000000442068_00423_32541_2015.N1	21-MAY-2008 10:52:02	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32541	No
156	GOM_NL__2PRFIN20080521_110050_000000442068_00423_32541_2016.N1	21-MAY-2008 11:00:50	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32541	No
157	GOM_NL__2PRFIN20080521_111209_000000522068_00423_32541_2017.N1	21-MAY-2008 11:12:09	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32541	No
158	GOM_NL__2PRFIN20080521_111347_000000442068_00424_32542_1993.N1	21-MAY-2008 11:13:47	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32542	No
159	GOM_NL__2PRFIN20080521_111913_000000402068_00424_32542_1994.N1	21-MAY-2008 11:19:13	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32542	No
160	GOM_NL__2PRFIN20080521_112606_000000412068_00424_32542_1995.N1	21-MAY-2008 11:26:06	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32542	No



161	GOM_NL__2PRFIN20080521_112850_000000482068_00424_32542_1996.N1	21-MAY-2008 11:28:50	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32542	No
162	GOM_NL__2PRFIN20080521_113041_000000512068_00424_32542_1997.N1	21-MAY-2008 11:30:41	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	32542	No
163	GOM_NL__2PRFIN20080521_113248_000000462068_00424_32542_1998.N1	21-MAY-2008 11:32:48	Twi_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32542	No
164	GOM_NL__2PRFIN20080521_113542_000000512068_00424_32542_1999.N1	21-MAY-2008 11:35:42	Twi_and_stray	51.000	16	21Alp Sco	1.0200	3000.0	102	32542	No
165	GOM_NL__2PRFIN20080521_113809_000000432068_00424_32542_2000.N1	21-MAY-2008 11:38:09	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32542	No
166	GOM_NL__2PRFIN20080521_113955_000000372068_00424_32542_2001.N1	21-MAY-2008 11:39:55	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32542	No
167	GOM_NL__2PRFIN20080521_114140_000000382068_00424_32542_2002.N1	21-MAY-2008 11:41:40	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32542	No
168	GOM_NL__2PRFIN20080521_114636_000000402068_00424_32542_2003.N1	21-MAY-2008 11:46:36	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32542	No
169	GOM_NL__2PRFIN20080521_115004_000000362068_00424_32542_2004.N1	21-MAY-2008 11:50:04	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32542	No
170	GOM_NL__2PRFIN20080521_115220_000000372068_00424_32542_2005.N1	21-MAY-2008 11:52:20	Bright	36.500	83		2.3780	11000.	73	32542	No
171	GOM_NL__2PRFIN20080521_115529_000000362068_00424_32542_2006.N1	21-MAY-2008 11:55:29	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32542	No
172	GOM_NL__2PRFIN20080521_120343_000000412068_00424_32542_2007.N1	21-MAY-2008 12:03:43	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32542	No
173	GOM_NL__2PRFIN20080521_120542_000000352068_00424_32542_2008.N1	21-MAY-2008 12:05:42	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32542	No
174	GOM_NL__2PRFIN20080521_121014_000000332068_00424_32542_2009.N1	21-MAY-2008 12:10:14	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	32542	No
175	GOM_NL__2PRFIN20080521_121825_000000352068_00424_32542_2010.N1	21-MAY-2008 12:18:25	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32542	No
176	GOM_NL__2PRFIN20080521_121938_000000342068_00424_32542_2011.N1	21-MAY-2008 12:19:38	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32542	No
177	GOM_NL__2PRFIN20080521_122816_000000472068_00424_32542_2012.N1	21-MAY-2008 12:28:16	Twi_and_stray	46.500	58	21Alp And	2.0730	11000.	93	32542	No
178	GOM_NL__2PRFIN20080521_123239_000000452068_00424_32542_2013.N1	21-MAY-2008 12:32:39	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	32542	No
179	GOM_NL__2PRFIN20080521_124126_000000432068_00424_32542_2014.N1	21-MAY-2008 12:41:26	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32542	No
180	GOM_NL__2PRFIN20080521_125246_000000592068_00424_32542_2015.N1	21-MAY-2008 12:52:46	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32542	No
181	GOM_NL__2PRFIN20080521_125424_000000452068_00425_32543_2027.N1	21-MAY-2008 12:54:24	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32543	No
182	GOM_NL__2PRFIN20080521_125950_000000412068_00425_32543_2028.N1	21-MAY-2008 12:59:50	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32543	No
183	GOM_NL__2PRFIN20080521_130643_000000422068_00425_32543_2029.N1	21-MAY-2008 13:06:43	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32543	No
184	GOM_NL__2PRFIN20080521_130927_000000502068_00425_32543_2030.N1	21-MAY-2008 13:09:27	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32543	No
185	GOM_NL__2PRFIN20080521_131118_000000522068_00425_32543_2031.N1	21-MAY-2008 13:11:18	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	32543	No
186	GOM_NL__2PRFIN20080521_131324_000000492068_00425_32543_2032.N1	21-MAY-2008 13:13:24	Twi_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	32543	No
187	GOM_NL__2PRFIN20080521_131618_000000562068_00425_32543_2033.N1	21-MAY-2008 13:16:18	Twi_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	32543	No
188	GOM_NL__2PRFIN20080521_131845_000000432068_00425_32543_2034.N1	21-MAY-2008 13:18:45	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32543	No
189	GOM_NL__2PRFIN20080521_132031_000000372068_00425_32543_2035.N1	21-MAY-2008 13:20:31	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32543	No
190	GOM_NL__2PRFIN20080521_132216_000000382068_00425_32543_2036.N1	21-MAY-2008 13:22:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32543	No
191	GOM_NL__2PRFIN20080521_132712_000000402068_00425_32543_2037.N1	21-MAY-2008 13:27:12	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32543	No
192	GOM_NL__2PRFIN20080521_133040_000000352068_00425_32543_2038.N1	21-MAY-2008 13:30:40	Bright	34.500	3	16Alp Boo	-0.050000	4250.0	69	32543	No
193	GOM_NL__2PRFIN20080521_133255_000000362068_00425_32543_2039.N1	21-MAY-2008 13:32:55	Bright	36.000	83		2.3780	11000.	72	32543	No
194	GOM_NL__2PRFIN20080521_133605_000000352068_00425_32543_2040.N1	21-MAY-2008 13:36:05	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32543	No
195	GOM_NL__2PRFIN20080521_134419_000000412068_00425_32543_2041.N1	21-MAY-2008 13:44:19	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32543	No
196	GOM_NL__2PRFIN20080521_134618_000000392068_00425_32543_2042.N1	21-MAY-2008 13:46:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32543	No
197	GOM_NL__2PRFIN20080521_135050_000000342068_00425_32543_2043.N1	21-MAY-2008 13:50:50	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32543	No
198	GOM_NL__2PRFIN20080521_135901_000000542068_00425_32543_2044.N1	21-MAY-2008 13:59:01	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32543	No
199	GOM_NL__2PRFIN20080521_140014_000000542068_00425_32543_2045.N1	21-MAY-2008 14:00:14	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32543	No
200	GOM_NL__2PRFIN20080521_140852_000000472068_00425_32543_2046.N1	21-MAY-2008 14:08:52	Twi_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32543	No
201	GOM_NL__2PRFIN20080521_141315_000000452068_00425_32543_2047.N1	21-MAY-2008 14:13:15	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32543	No
202	GOM_NL__2PRFIN20080521_142202_000000442068_00425_32543_2048.N1	21-MAY-2008 14:22:02	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32543	No
203	GOM_NL__2PRFIN20080521_143322_000000562068_00425_32543_2049.N1	21-MAY-2008 14:33:22	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	32543	No
204	GOM_NL__2PRFIN20080521_143501_000000452068_00426_32544_2052.N1	21-MAY-2008 14:35:01	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32544	No
205	GOM_NL__2PRFIN20080521_144026_000000422068_00426_32544_2053.N1	21-MAY-2008 14:40:26	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32544	No
206	GOM_NL__2PRFIN20080521_144719_000000402068_00426_32544_2054.N1	21-MAY-2008 14:47:19	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32544	No
207	GOM_NL__2PRFIN20080521_145003_000000462068_00426_32544_2055.N1	21-MAY-2008 14:50:03	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32544	No
208	GOM_NL__2PRFIN20080521_145154_000000522068_00426_32544_2056.N1	21-MAY-2008 14:51:54	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	32544	No
209	GOM_NL__2PRFIN20080521_145400_000000502068_00426_32544_2057.N1	21-MAY-2008 14:54:00	Twi_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32544	No
210	GOM_NL__2PRFIN20080521_145655_000000552068_00426_32544_2058.N1	21-MAY-2008 14:56:55	Twi_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	32544	No
211	GOM_NL__2PRFIN20080521_145921_000000412068_00426_32544_2059.N1	21-MAY-2008 14:59:21	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	32544	No
212	GOM_NL__2PRFIN20080521_150107_000000362068_00426_32544_2060.N1	21-MAY-2008 15:01:07	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	32544	No
213	GOM_NL__2PRFIN20080521_150252_000000382068_00426_32544_2061.N1	21-MAY-2008 15:02:52	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32544	No
214	GOM_NL__2PRFIN20080521_150748_000000402068_00426_32544_2062.N1	21-MAY-2008 15:07:48	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32544	No
215	GOM_NL__2PRFIN20080521_151116_000000352068_00426_32544_2063.N1	21-MAY-2008 15:11:16	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32544	No
216	GOM_NL__2PRFIN20080521_151331_000000372068_00426_32544_2064.N1	21-MAY-2008 15:13:31	Bright	37.000	83		2.3780	11000.	74	32544	No
217	GOM_NL__2PRFIN20080521_151641_000000362068_00426_32544_2065.N1	21-MAY-2008 15:16:41	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32544	No
218	GOM_NL__2PRFIN20080521_152455_000000402068_00426_32544_2066.N1	21-MAY-2008 15:24:55	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32544	No
219	GOM_NL__2PRFIN20080521_152654_000000352068_00426_32544_2067.N1	21-MAY-2008 15:26:54	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32544	No

220	GOM_NL__2PRFIN20080521_153126_000000342068_00426_32544_2068.N1	21-MAY-2008 15:31:26	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32544	No
221	GOM_NL__2PRFIN20080521_153937_000000542068_00426_32544_2069.N1	21-MAY-2008 15:39:37	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	32544	No
222	GOM_NL__2PRFIN20080521_154050_000000422068_00426_32544_2070.N1	21-MAY-2008 15:40:50	Bright	42.000	68	18Alp Cas	2.2250	4500.0	84	32544	No
223	GOM_NL__2PRFIN20080521_154929_000000472068_00426_32544_2071.N1	21-MAY-2008 15:49:29	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	32544	No
224	GOM_NL__2PRFIN20080521_155351_000000452068_00426_32544_2072.N1	21-MAY-2008 15:53:51	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32544	No
225	GOM_NL__2PRFIN20080521_160239_000000472068_00426_32544_2073.N1	21-MAY-2008 16:02:39	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32544	No
226	GOM_NL__2PRFIN20080521_161359_000000572068_00426_32544_2074.N1	21-MAY-2008 16:13:59	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32544	No
227	GOM_NL__2PRFIN20080521_161537_000000442068_00427_32545_2038.N1	21-MAY-2008 16:15:37	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32545	No
228	GOM_NL__2PRFIN20080521_162103_000000412068_00427_32545_2039.N1	21-MAY-2008 16:21:03	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32545	No
229	GOM_NL__2PRFIN20080521_162756_000000422068_00427_32545_2040.N1	21-MAY-2008 16:27:56	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32545	No
230	GOM_NL__2PRFIN20080521_163040_000000532068_00427_32545_2041.N1	21-MAY-2008 16:30:40	Straylight	53.000	40	The Sco	1.8590	7100.0	106	32545	No
231	GOM_NL__2PRFIN20080521_163231_000000512068_00427_32545_2042.N1	21-MAY-2008 16:32:31	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	32545	No
232	GOM_NL__2PRFIN20080521_163437_000000512068_00427_32545_2043.N1	21-MAY-2008 16:34:37	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	32545	No
233	GOM_NL__2PRFIN20080521_163731_000000612068_00427_32545_2044.N1	21-MAY-2008 16:37:31	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	32545	No
234	GOM_NL__2PRFIN20080521_163957_000000422068_00427_32545_2045.N1	21-MAY-2008 16:39:57	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32545	No
235	GOM_NL__2PRFIN20080521_164143_000000352068_00427_32545_2046.N1	21-MAY-2008 16:41:43	Bright	35.000	122	9Alp2Lib	2.7470	9700.0	70	32545	No
236	GOM_NL__2PRFIN20080521_164328_000000362068_00427_32545_2047.N1	21-MAY-2008 16:43:28	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	32545	No
237	GOM_NL__2PRFIN20080521_164824_000000402068_00427_32545_2048.N1	21-MAY-2008 16:48:24	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32545	No
238	GOM_NL__2PRFIN20080521_165152_000000352068_00427_32545_2049.N1	21-MAY-2008 16:51:52	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32545	No
239	GOM_NL__2PRFIN20080521_165407_000000372068_00427_32545_2050.N1	21-MAY-2008 16:54:07	Bright	36.500	83		2.3780	11000.	73	32545	No
240	GOM_NL__2PRFIN20080521_165717_000000372068_00427_32545_2051.N1	21-MAY-2008 16:57:17	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32545	No
241	GOM_NL__2PRFIN20080521_170530_000000412068_00427_32545_2052.N1	21-MAY-2008 17:05:30	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32545	No
242	GOM_NL__2PRFIN20080521_170730_000000372068_00427_32545_2053.N1	21-MAY-2008 17:07:30	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32545	No
243	GOM_NL__2PRFIN20080521_171202_000000372068_00427_32545_2054.N1	21-MAY-2008 17:12:02	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	32545	No
244	GOM_NL__2PRFIN20080521_172013_000000352068_00427_32545_2055.N1	21-MAY-2008 17:20:13	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32545	No
245	GOM_NL__2PRFIN20080521_172126_000000522068_00427_32545_2056.N1	21-MAY-2008 17:21:26	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	32545	No
246	GOM_NL__2PRFIN20080521_173005_000000482068_00427_32545_2057.N1	21-MAY-2008 17:30:05	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	32545	No
247	GOM_NL__2PRFIN20080521_173427_000000472068_00427_32545_2058.N1	21-MAY-2008 17:34:27	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32545	No
248	GOM_NL__2PRFIN20080521_174315_000000462068_00427_32545_2059.N1	21-MAY-2008 17:43:15	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32545	No
249	GOM_NL__2PRFIN20080521_175436_000000482068_00427_32545_2060.N1	21-MAY-2008 17:54:36	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32545	No
250	GOM_NL__2PRFIN20080521_175614_000000432068_00428_32546_2064.N1	21-MAY-2008 17:56:14	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32546	No
251	GOM_NL__2PRFIN20080521_180140_000000422068_00428_32546_2065.N1	21-MAY-2008 18:01:40	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32546	No
252	GOM_NL__2PRFIN20080521_180832_000000482068_00428_32546_2066.N1	21-MAY-2008 18:08:32	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	32546	No
253	GOM_NL__2PRFIN20080521_181116_000000512068_00428_32546_2067.N1	21-MAY-2008 18:11:16	Straylight	50.500	40	The Sco	1.8590	7100.0	101	32546	No
254	GOM_NL__2PRFIN20080521_181307_000000472068_00428_32546_2068.N1	21-MAY-2008 18:13:07	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	32546	No
255	GOM_NL__2PRFIN20080521_181513_000000502068_00428_32546_2069.N1	21-MAY-2008 18:15:13	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32546	No
256	GOM_NL__2PRFIN20080521_181807_000000522068_00428_32546_2070.N1	21-MAY-2008 18:18:07	Tw_i_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	32546	No
257	GOM_NL__2PRFIN20080521_182033_000000402068_00428_32546_2071.N1	21-MAY-2008 18:20:33	Bright	40.000	97	8Bet1Sco	2.5610	30000.	80	32546	No
258	GOM_NL__2PRFIN20080521_182219_000000362068_00428_32546_2072.N1	21-MAY-2008 18:22:19	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	32546	No
259	GOM_NL__2PRFIN20080521_182404_000000372068_00428_32546_2073.N1	21-MAY-2008 18:24:04	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32546	No
260	GOM_NL__2PRFIN20080521_182554_000000272068_00428_32546_2074.N1	21-MAY-2008 18:25:54	Tw_i_and_stray	27.000	120	1Del Oph	2.7340	3200.0	54	32546	No
261	GOM_NL__2PRFIN20080521_182900_000000402068_00428_32546_2075.N1	21-MAY-2008 18:29:00	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	32546	No
262	GOM_NL__2PRFIN20080521_183228_000000352068_00428_32546_2076.N1	21-MAY-2008 18:32:28	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32546	No
263	GOM_NL__2PRFIN20080521_183443_000000372068_00428_32546_2077.N1	21-MAY-2008 18:34:43	Bright	37.000	83		2.3780	11000.	74	32546	No
264	GOM_NL__2PRFIN20080521_183753_000000352068_00428_32546_2078.N1	21-MAY-2008 18:37:53	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32546	No
265	GOM_NL__2PRFIN20080521_184606_000000412068_00428_32546_2079.N1	21-MAY-2008 18:46:06	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32546	No
266	GOM_NL__2PRFIN20080521_184805_000000382068_00428_32546_2080.N1	21-MAY-2008 18:48:05	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32546	No
267	GOM_NL__2PRFIN20080521_185238_000000362068_00428_32546_2081.N1	21-MAY-2008 18:52:38	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32546	No
268	GOM_NL__2PRFIN20080521_190049_000000492068_00428_32546_2082.N1	21-MAY-2008 19:00:49	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	32546	No
269	GOM_NL__2PRFIN20080521_190201_000000372068_00428_32546_2083.N1	21-MAY-2008 19:02:01	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	32546	No
270	GOM_NL__2PRFIN20080521_191041_000000472068_00428_32546_2084.N1	21-MAY-2008 19:10:41	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32546	No
271	GOM_NL__2PRFIN20080521_191504_000000452068_00428_32546_2085.N1	21-MAY-2008 19:15:04	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32546	No
272	GOM_NL__2PRFIN20080521_192351_000000452068_00428_32546_2086.N1	21-MAY-2008 19:23:51	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32546	No
273	GOM_NL__2PRFIN20080521_193512_000000522068_00428_32546_2087.N1	21-MAY-2008 19:35:12	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	32546	No
274	GOM_NL__2PRFIN20080521_193636_000000482068_00429_32547_2093.N1	21-MAY-2008 19:36:36	Dark	47.500	172	Gam Gru	3.0030	13100.	95	32547	No
275	GOM_NL__2PRFIN20080521_194217_000000422068_00429_32547_2094.N1	21-MAY-2008 19:42:17	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32547	No
276	GOM_NL__2PRFIN20080521_194908_000000402068_00429_32547_2095.N1	21-MAY-2008 19:49:08	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32547	No
277	GOM_NL__2PRFIN20080521_195153_000000492068_00429_32547_2096.N1	21-MAY-2008 19:51:53	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32547	No
278	GOM_NL__2PRFIN20080521_195344_000000512068_00429_32547_2097.N1	21-MAY-2008 19:53:44	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	32547	No

279	GOM_NL__2PRFIN20080521_195549_000000492068_00429_32547_2098.N1	21-MAY-2008 19:55:49	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	32547	No
280	GOM_NL__2PRFIN20080521_195843_000000612068_00429_32547_2099.N1	21-MAY-2008 19:58:43	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	32547	No
281	GOM_NL__2PRFIN20080521_200109_000000422068_00429_32547_2100.N1	21-MAY-2008 20:01:09	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	32547	No
282	GOM_NL__2PRFIN20080521_200255_000000372068_00429_32547_2101.N1	21-MAY-2008 20:02:55	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32547	No
283	GOM_NL__2PRFIN20080521_200440_000000372068_00429_32547_2102.N1	21-MAY-2008 20:04:40	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32547	No
284	GOM_NL__2PRFIN20080521_200630_000000272068_00429_32547_2103.N1	21-MAY-2008 20:06:30	Twilight	27.000	120	1Del Oph	2.7340	3200.0	54	32547	No
285	GOM_NL__2PRFIN20080521_200935_000000412068_00429_32547_2104.N1	21-MAY-2008 20:09:35	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32547	No
286	GOM_NL__2PRFIN20080521_201304_000000362068_00429_32547_2105.N1	21-MAY-2008 20:13:04	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32547	No
287	GOM_NL__2PRFIN20080521_201519_000000372068_00429_32547_2106.N1	21-MAY-2008 20:15:19	Bright	37.000	83		2.3780	11000.	74	32547	No
288	GOM_NL__2PRFIN20080521_201829_000000362068_00429_32547_2107.N1	21-MAY-2008 20:18:29	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32547	No
289	GOM_NL__2PRFIN20080521_202641_000000412068_00429_32547_2108.N1	21-MAY-2008 20:26:41	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32547	No
290	GOM_NL__2PRFIN20080521_202841_000000382068_00429_32547_2109.N1	21-MAY-2008 20:28:41	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32547	No
291	GOM_NL__2PRFIN20080521_203314_000000362068_00429_32547_2110.N1	21-MAY-2008 20:33:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32547	No
292	GOM_NL__2PRFIN20080521_204125_000000522068_00429_32547_2111.N1	21-MAY-2008 20:41:25	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	32547	No
293	GOM_NL__2PRFIN20080521_204237_000000382068_00429_32547_2112.N1	21-MAY-2008 20:42:37	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32547	No
294	GOM_NL__2PRFIN20080521_205117_000000472068_00429_32547_2113.N1	21-MAY-2008 20:51:17	Twilight	46.500	58	21Alp And	2.0730	11000.	93	32547	No
295	GOM_NL__2PRFIN20080521_205540_000000452068_00429_32547_2114.N1	21-MAY-2008 20:55:40	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	32547	No
296	GOM_NL__2PRFIN20080521_210428_000000442068_00429_32547_2115.N1	21-MAY-2008 21:04:28	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32547	No
297	GOM_NL__2PRFIN20080521_211549_000000572068_00429_32547_2116.N1	21-MAY-2008 21:15:49	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32547	No
298	GOM_NL__2PRFIN20080521_211713_000000492068_00430_32548_2112.N1	21-MAY-2008 21:17:13	Dark	48.500	172	Gam Gru	3.0030	13100.	97	32548	No
299	GOM_NL__2PRFIN20080521_211847_000000412068_00430_32548_2113.N1	21-MAY-2008 21:18:47	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	32548	No
300	GOM_NL__2PRFIN20080521_212253_000000422068_00430_32548_2114.N1	21-MAY-2008 21:22:53	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32548	No
301	GOM_NL__2PRFIN20080521_212945_000000422068_00430_32548_2115.N1	21-MAY-2008 21:29:45	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32548	No
302	GOM_NL__2PRFIN20080521_213229_000000532068_00430_32548_2116.N1	21-MAY-2008 21:32:29	Straylight	52.500	40	The Sco	1.8590	7100.0	105	32548	No
303	GOM_NL__2PRFIN20080521_213420_000000512068_00430_32548_2117.N1	21-MAY-2008 21:34:20	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	32548	No
304	GOM_NL__2PRFIN20080521_213626_000000532068_00430_32548_2118.N1	21-MAY-2008 21:36:26	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	32548	No
305	GOM_NL__2PRFIN20080521_213919_000000582068_00430_32548_2119.N1	21-MAY-2008 21:39:19	Bright	57.500	16	21Alp Sco	1.0200	3000.0	115	32548	No
306	GOM_NL__2PRFIN20080521_214145_000000422068_00430_32548_2120.N1	21-MAY-2008 21:41:45	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32548	No
307	GOM_NL__2PRFIN20080521_214331_000000362068_00430_32548_2121.N1	21-MAY-2008 21:43:31	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32548	No
308	GOM_NL__2PRFIN20080521_214516_000000382068_00430_32548_2122.N1	21-MAY-2008 21:45:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32548	No
309	GOM_NL__2PRFIN20080521_214706_000000342068_00430_32548_2123.N1	21-MAY-2008 21:47:06	Bright	34.000	120	1Del Oph	2.7340	3200.0	68	32548	No
310	GOM_NL__2PRFIN20080521_215011_000000412068_00430_32548_2124.N1	21-MAY-2008 21:50:11	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32548	No
311	GOM_NL__2PRFIN20080521_215340_000000382068_00430_32548_2125.N1	21-MAY-2008 21:53:40	Bright	37.500	3	16Alp Boo	-0.050000	4250.0	75	32548	No
312	GOM_NL__2PRFIN20080521_215555_000000362068_00430_32548_2126.N1	21-MAY-2008 21:55:55	Bright	36.000	83		2.3780	11000.	72	32548	No
313	GOM_NL__2PRFIN20080521_215904_000000352068_00430_32548_2127.N1	21-MAY-2008 21:59:04	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32548	No
314	GOM_NL__2PRFIN20080521_220717_000000402068_00430_32548_2128.N1	21-MAY-2008 22:07:17	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32548	No
315	GOM_NL__2PRFIN20080521_220917_000000382068_00430_32548_2129.N1	21-MAY-2008 22:09:17	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32548	No
316	GOM_NL__2PRFIN20080521_221350_000000362068_00430_32548_2130.N1	21-MAY-2008 22:13:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32548	No
317	GOM_NL__2PRFIN20080521_222201_000000462068_00430_32548_2131.N1	21-MAY-2008 22:22:01	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	32548	No
318	GOM_NL__2PRFIN20080521_222313_000000382068_00430_32548_2132.N1	21-MAY-2008 22:23:13	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32548	No
319	GOM_NL__2PRFIN20080521_223153_000000442068_00430_32548_2133.N1	21-MAY-2008 22:31:53	Twilight	44.000	58	21Alp And	2.0730	11000.	88	32548	No
320	GOM_NL__2PRFIN20080521_223616_000000432068_00430_32548_2134.N1	21-MAY-2008 22:36:16	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32548	No
321	GOM_NL__2PRFIN20080521_224504_000000452068_00430_32548_2135.N1	21-MAY-2008 22:45:04	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32548	No
322	GOM_NL__2PRFIN20080521_225626_000000592068_00430_32548_2136.N1	21-MAY-2008 22:56:26	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32548	No
323	GOM_NL__2PRFIN20080521_225750_000000482068_00431_32549_2122.N1	21-MAY-2008 22:57:50	Dark	47.500	172	Gam Gru	3.0030	13100.	95	32549	No
324	GOM_NL__2PRFIN20080521_225924_000000412068_00431_32549_2123.N1	21-MAY-2008 22:59:24	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	32549	No
325	GOM_NL__2PRFIN20080521_230330_000000422068_00431_32549_2124.N1	21-MAY-2008 23:03:30	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32549	No
326	GOM_NL__2PRFIN20080521_231021_000000402068_00431_32549_2125.N1	21-MAY-2008 23:10:21	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32549	No
327	GOM_NL__2PRFIN20080521_231305_000000502068_00431_32549_2126.N1	21-MAY-2008 23:13:05	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32549	No
328	GOM_NL__2PRFIN20080521_231457_000000492068_00431_32549_2127.N1	21-MAY-2008 23:14:57	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	32549	No
329	GOM_NL__2PRFIN20080521_231702_000000492068_00431_32549_2128.N1	21-MAY-2008 23:17:02	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	32549	No
330	GOM_NL__2PRFIN20080521_231956_000000612068_00431_32549_2129.N1	21-MAY-2008 23:19:56	Bright	61.000	16	21Alp Sco	1.0200	3000.0	122	32549	No
331	GOM_NL__2PRFIN20080521_232221_000000412068_00431_32549_2130.N1	21-MAY-2008 23:22:21	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	32549	No
332	GOM_NL__2PRFIN20080521_232407_000000372068_00431_32549_2131.N1	21-MAY-2008 23:24:07	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32549	No
333	GOM_NL__2PRFIN20080521_232552_000000372068_00431_32549_2132.N1	21-MAY-2008 23:25:52	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	32549	No
334	GOM_NL__2PRFIN20080521_232741_000000342068_00431_32549_2133.N1	21-MAY-2008 23:27:41	Bright	34.000	120	1Del Oph	2.7340	3200.0	68	32549	No
335	GOM_NL__2PRFIN20080521_233047_000000412068_00431_32549_2134.N1	21-MAY-2008 23:30:47	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	32549	No
336	GOM_NL__2PRFIN20080521_233416_000000362068_00431_32549_2135.N1	21-MAY-2008 23:34:16	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32549	No
337	GOM_NL__2PRFIN20080521_233630_000000362068_00431_32549_2136.N1	21-MAY-2008 23:36:30	Bright	36.000	83		2.3780	11000.	72	32549	No

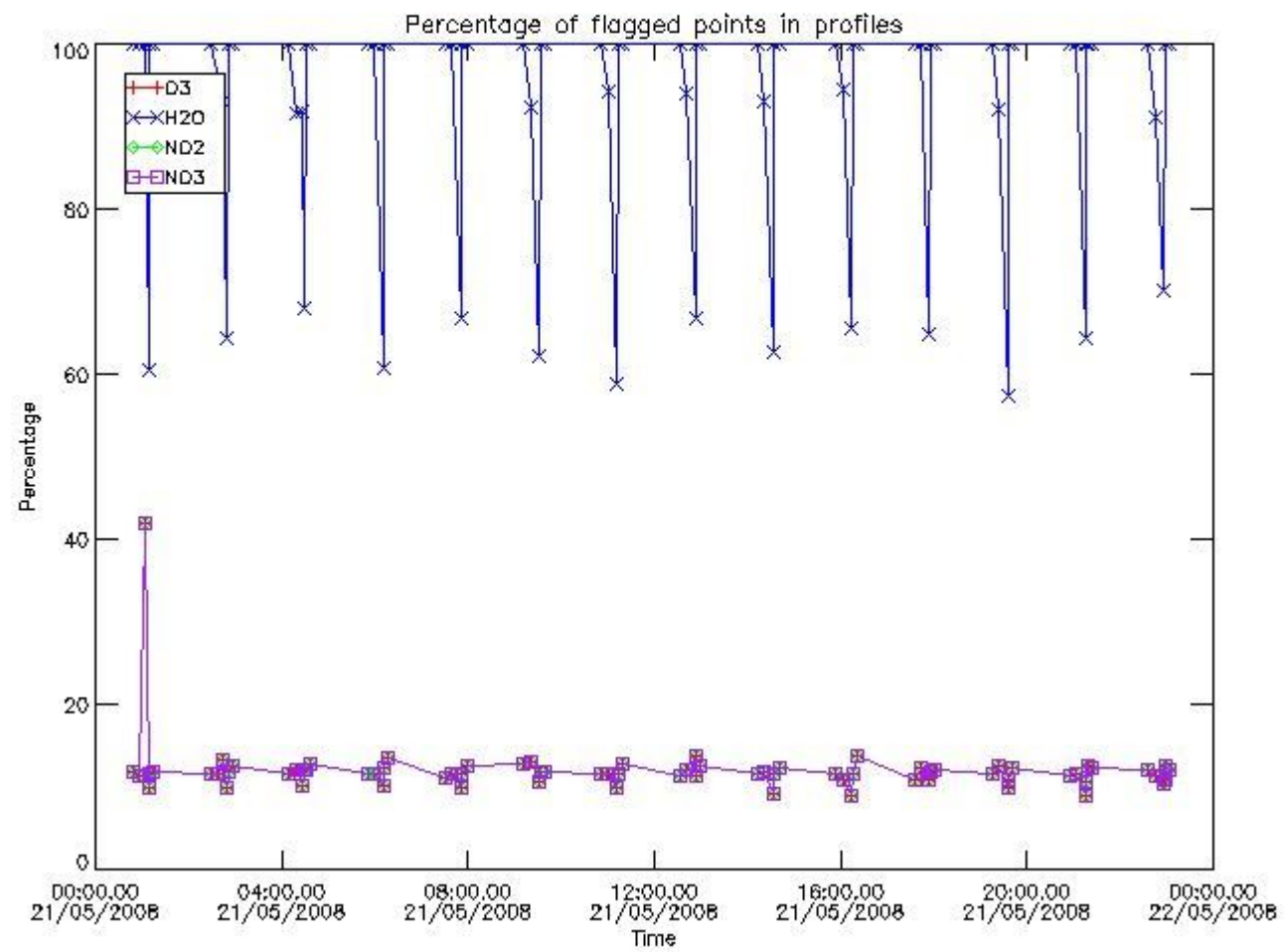


338	GOM_NL__2PRFIN20080521_233940_000000352068_00431_32549_2137.N1	21-MAY-2008 23:39:40	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	32549	No
339	GOM_NL__2PRFIN20080521_234752_000000402068_00431_32549_2138.N1	21-MAY-2008 23:47:52	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32549	No
340	GOM_NL__2PRFIN20080521_234953_000000342068_00431_32549_2139.N1	21-MAY-2008 23:49:53	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32549	No
341	GOM_NL__2PRFIN20080521_235426_000000332068_00431_32549_2140.N1	21-MAY-2008 23:54:26	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	32549	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.

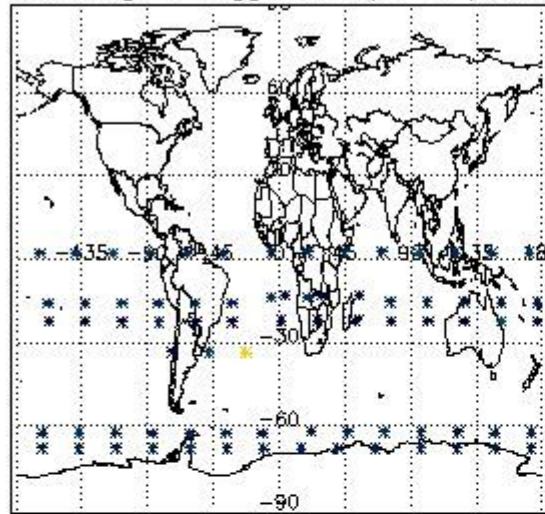
#### 3.1 Plot quality information per product (time dependant)



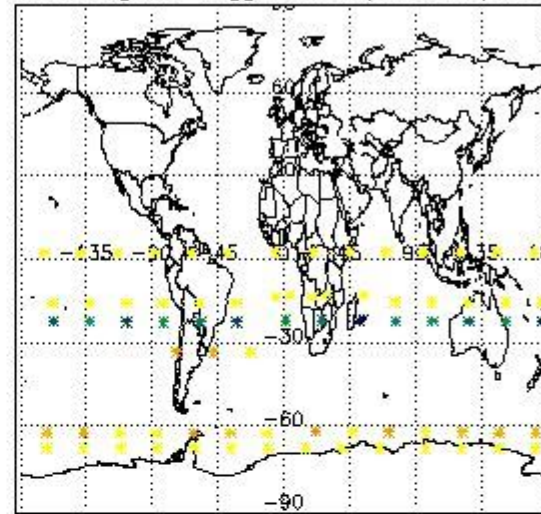
#### 3.2 Plot quality information per product (world map)



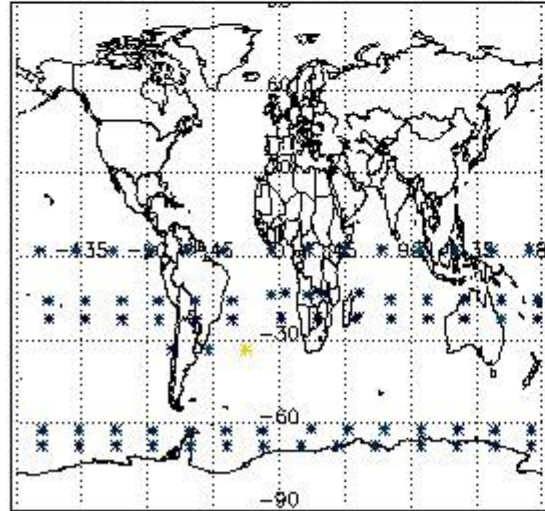
Percentage of flagged data per O3 profile



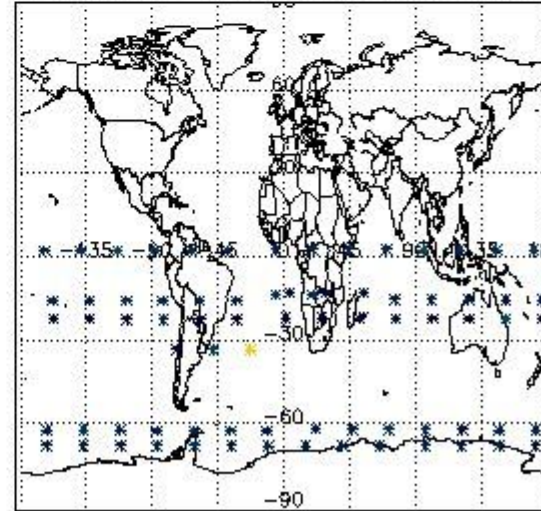
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

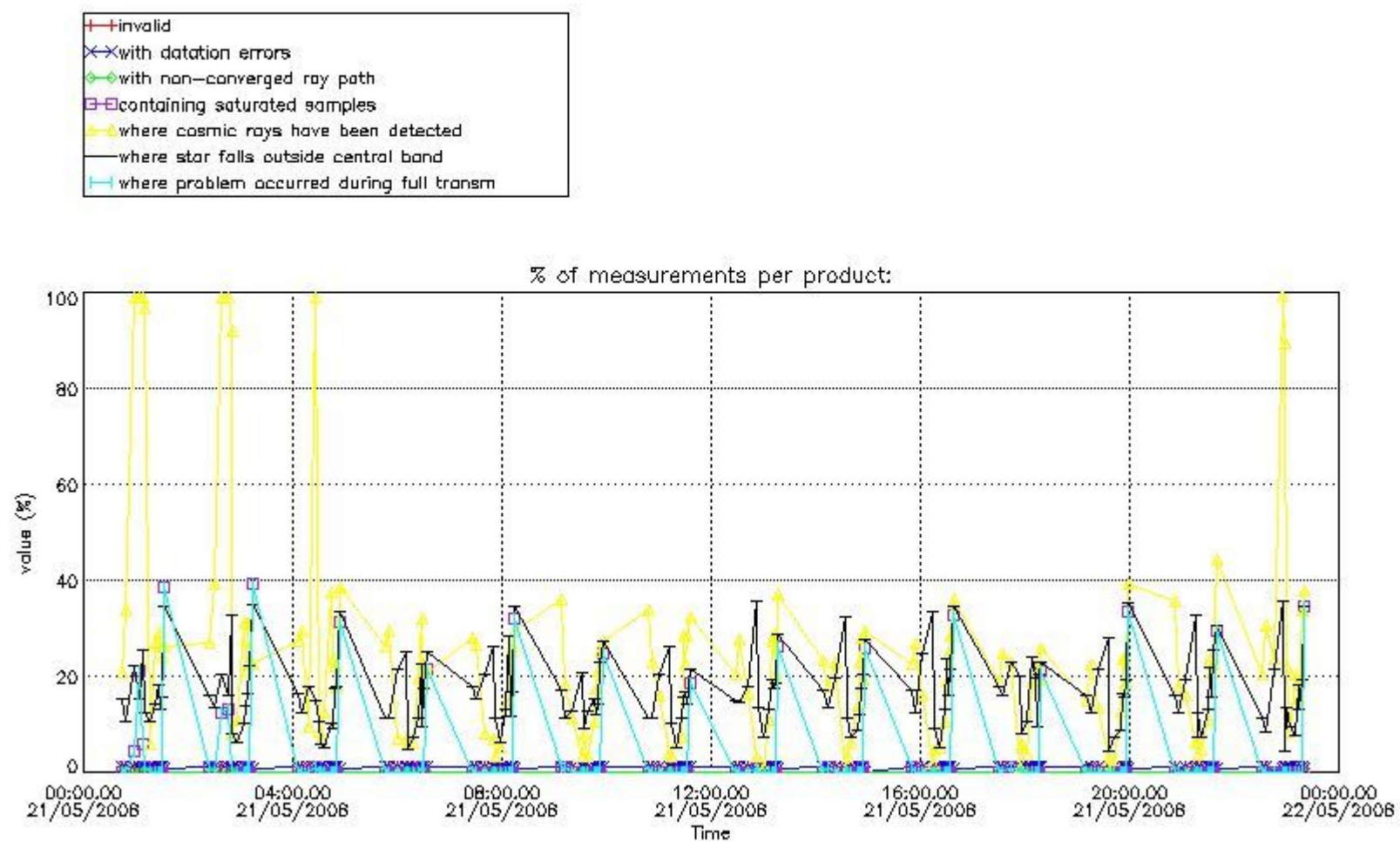


#### 4. Level 1 quality information per product

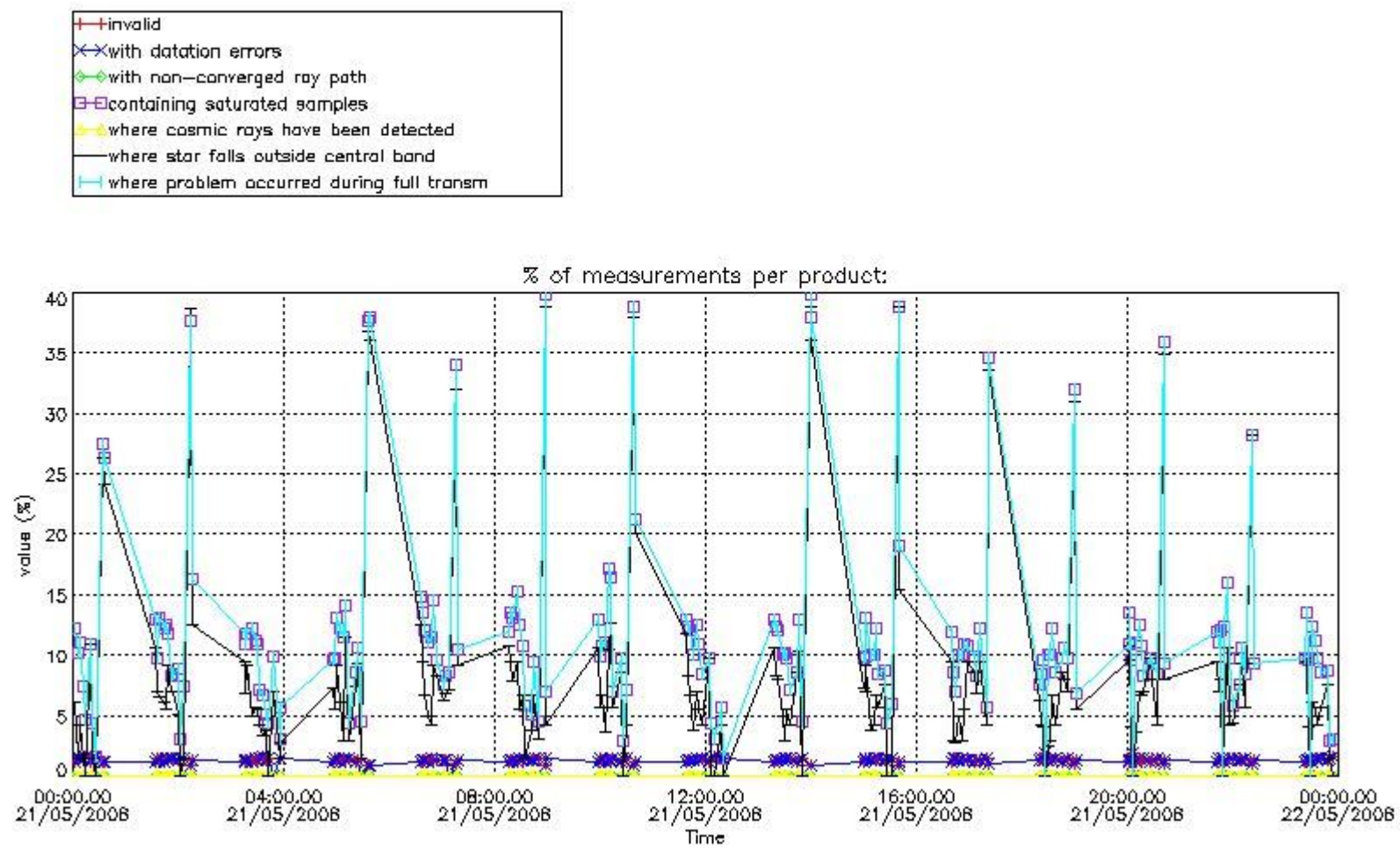
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

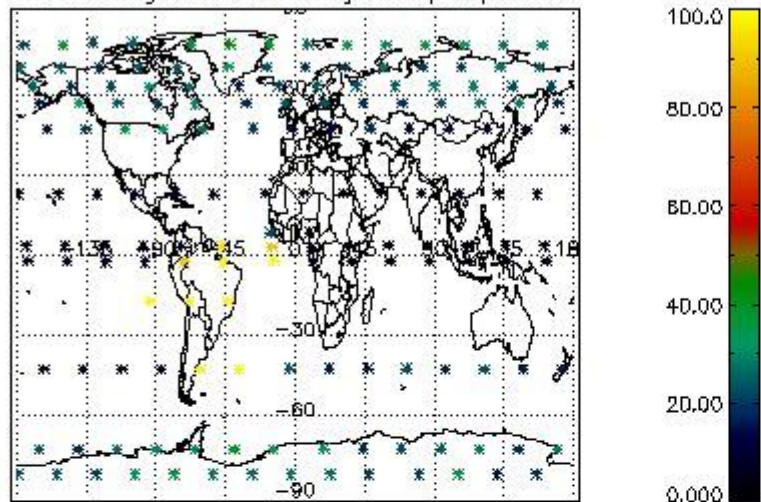


4.2 Plot quality information per product coming from level 1b processing (world map)

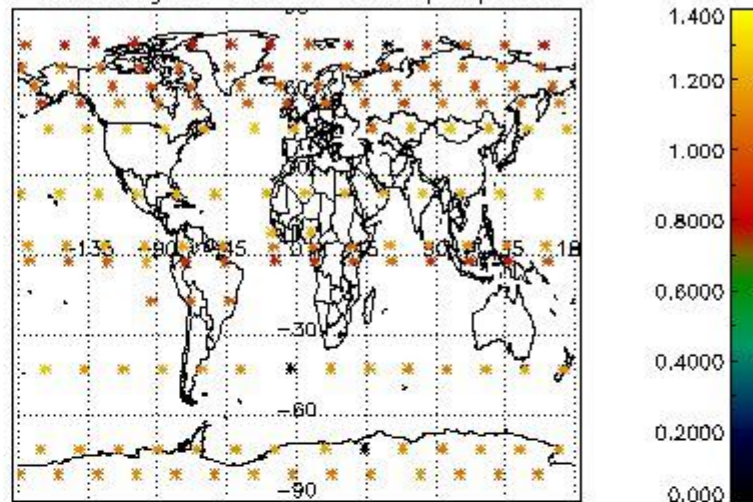
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



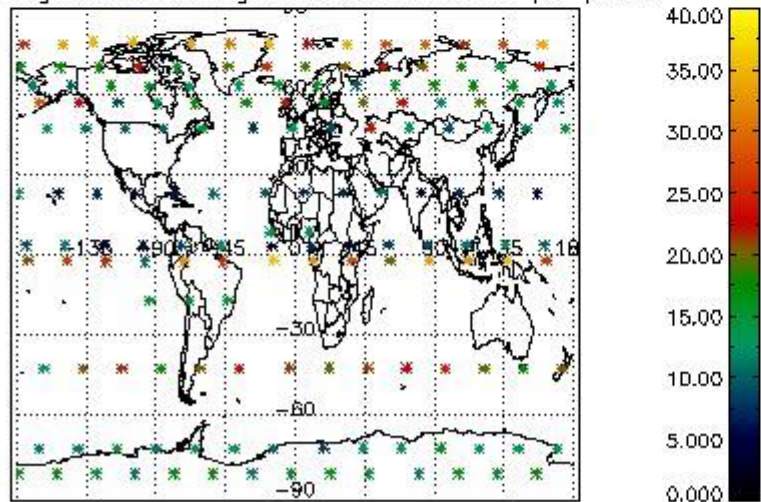
Percentage of cosmic ray hits per profile



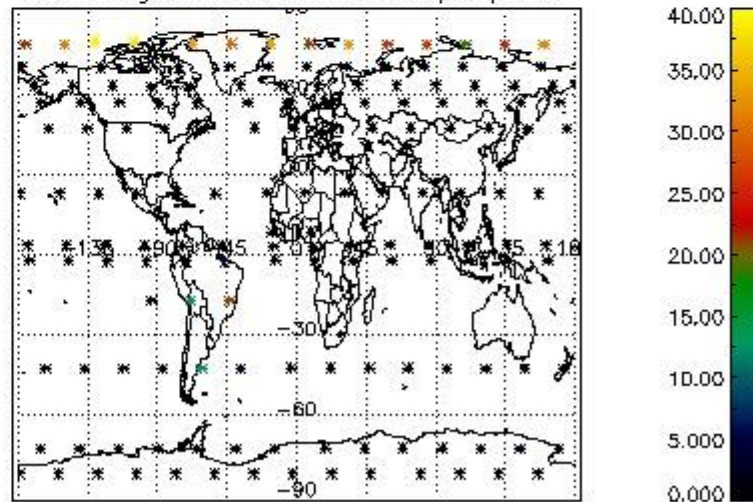
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

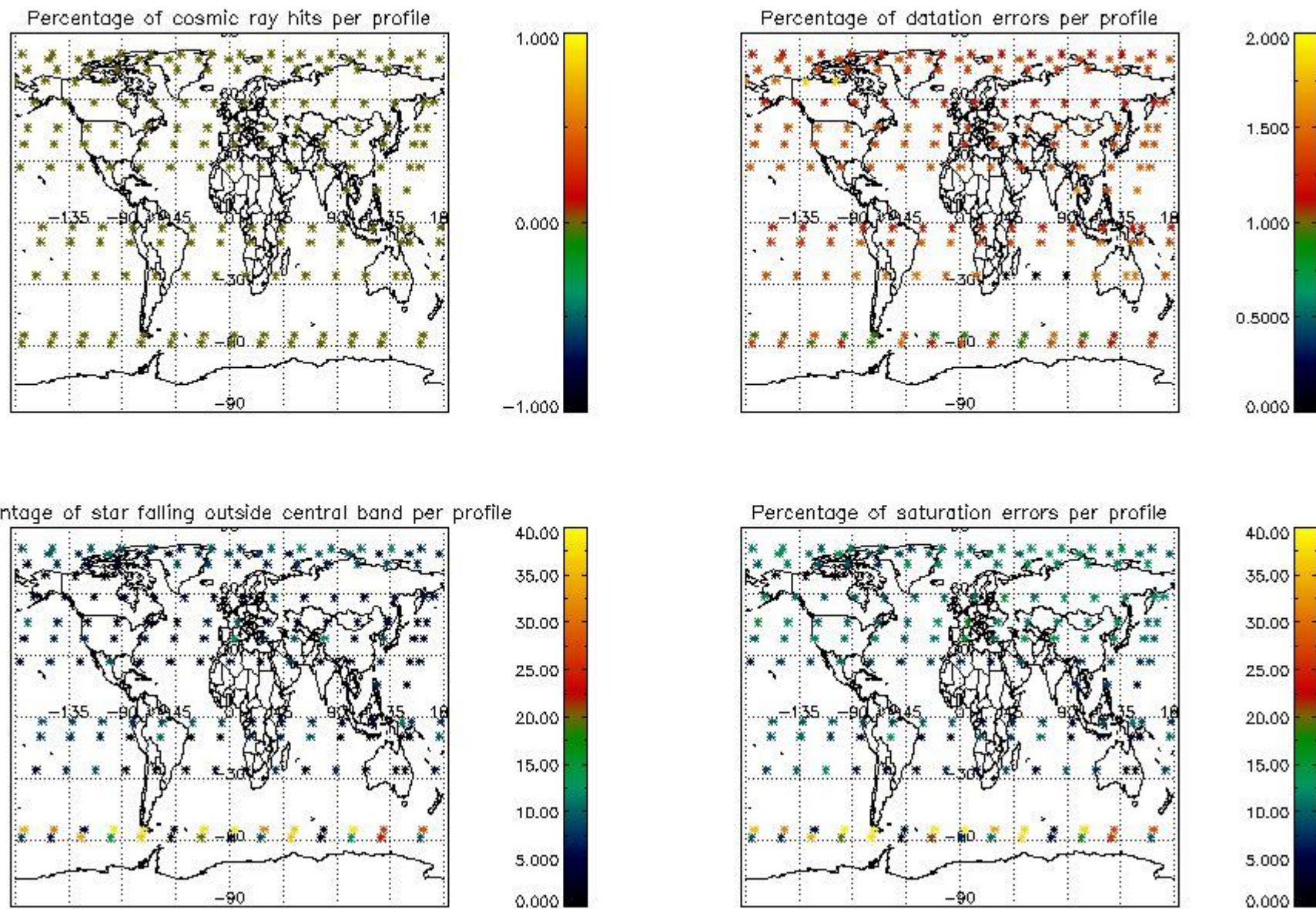


Percentage of saturation errors per profile



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

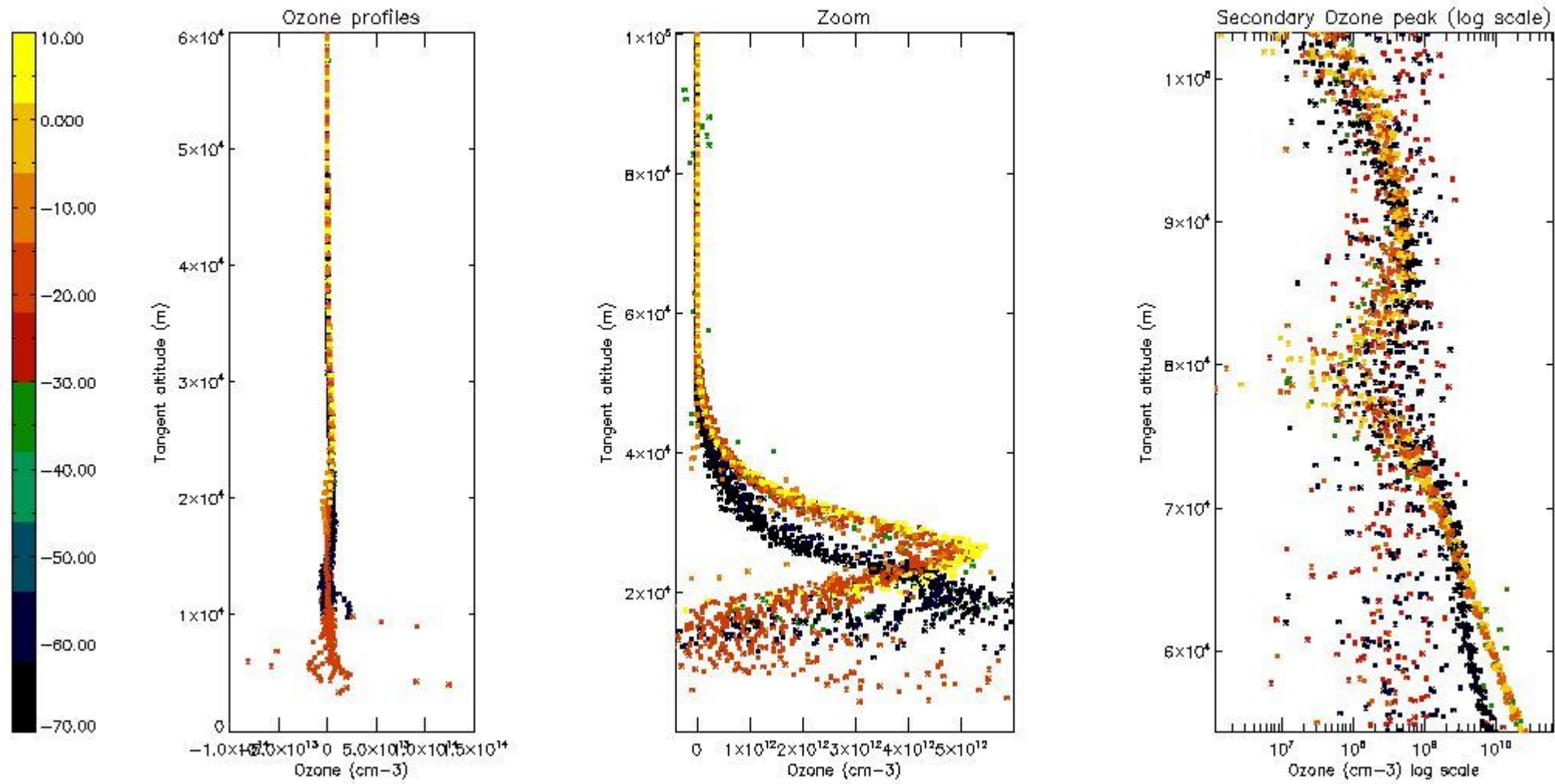
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	9
STD < 5	6

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

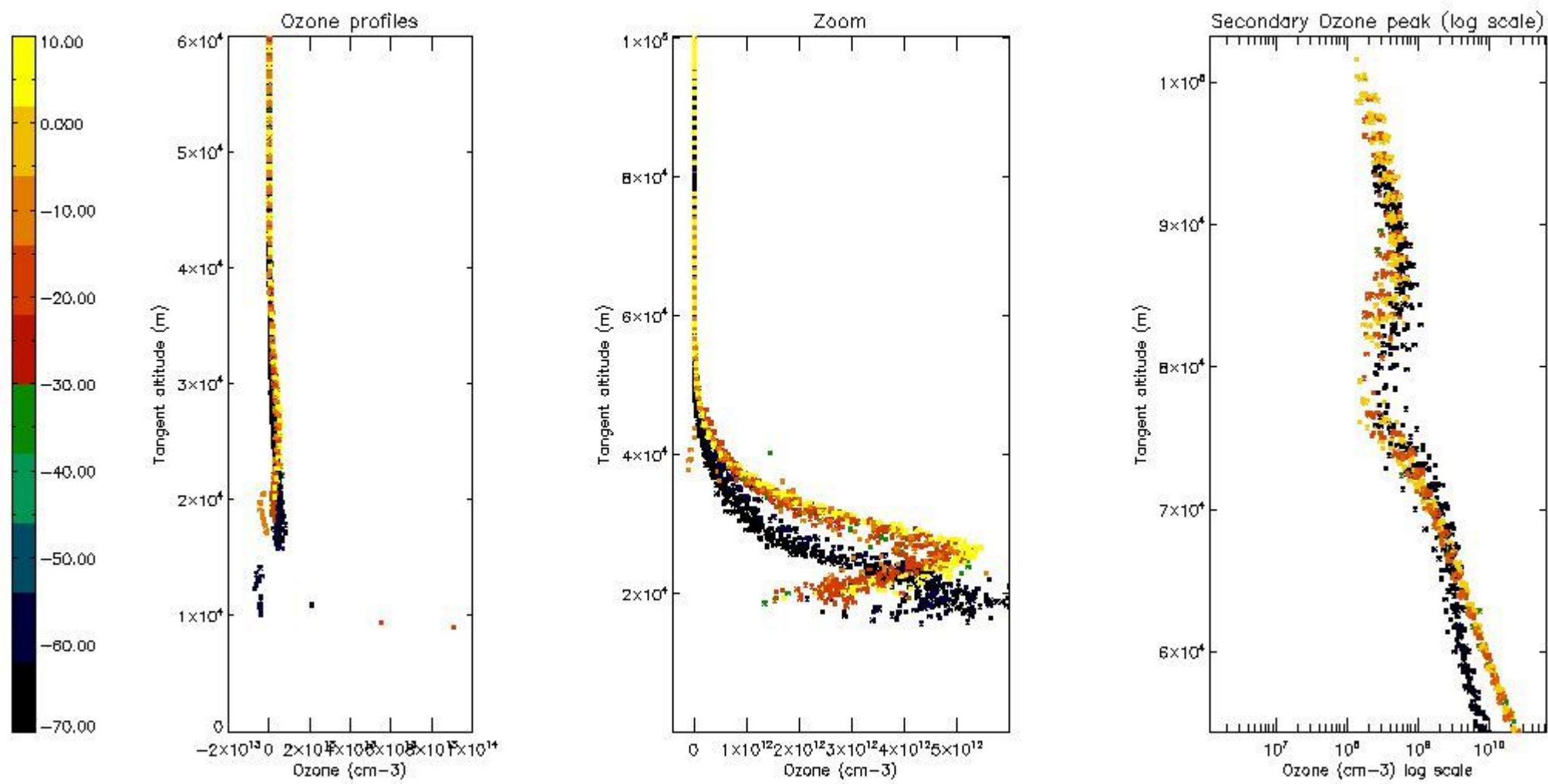
The colorbar represents the latitude.



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

The colorbar represents the latitude.

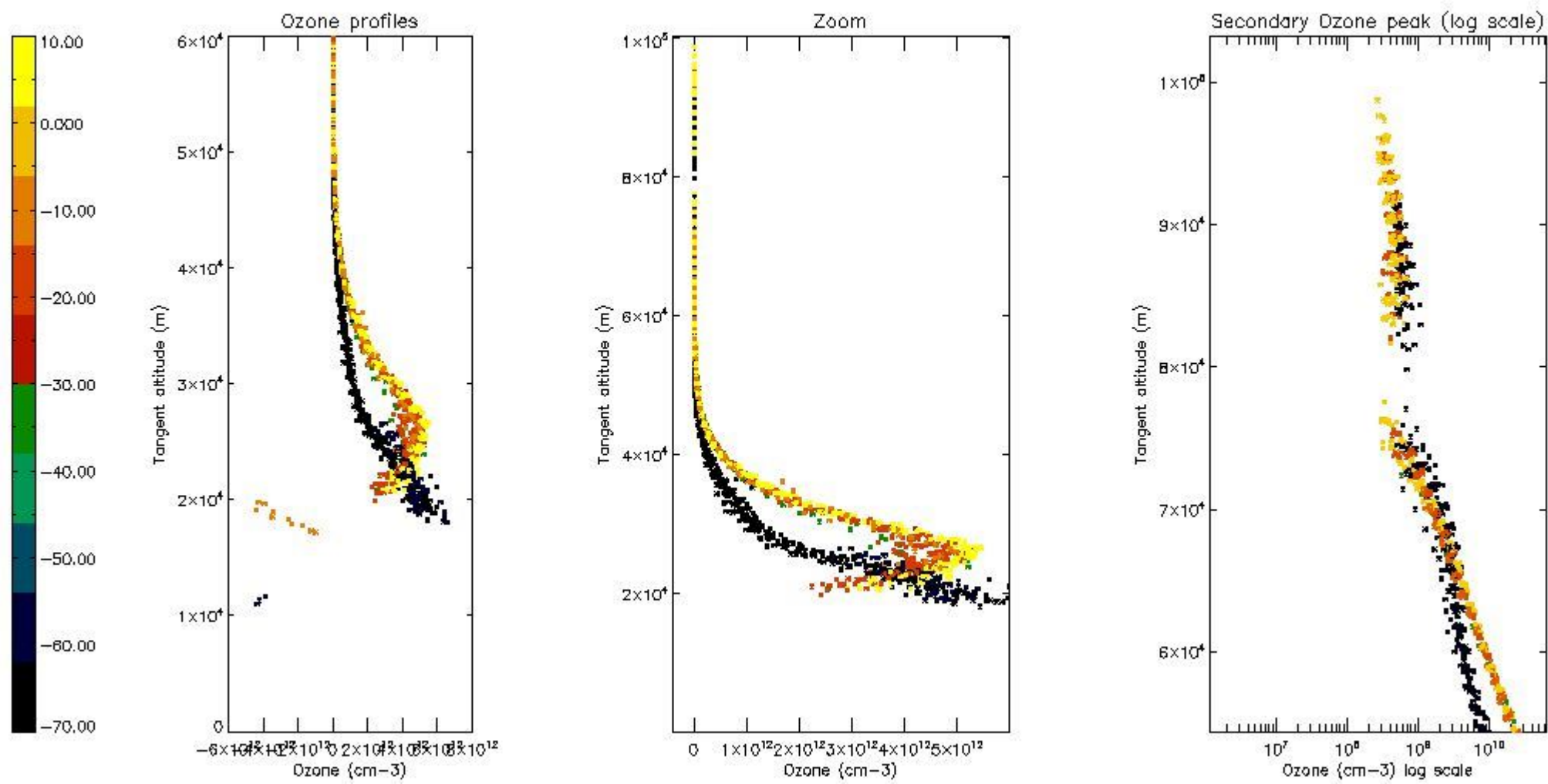




5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

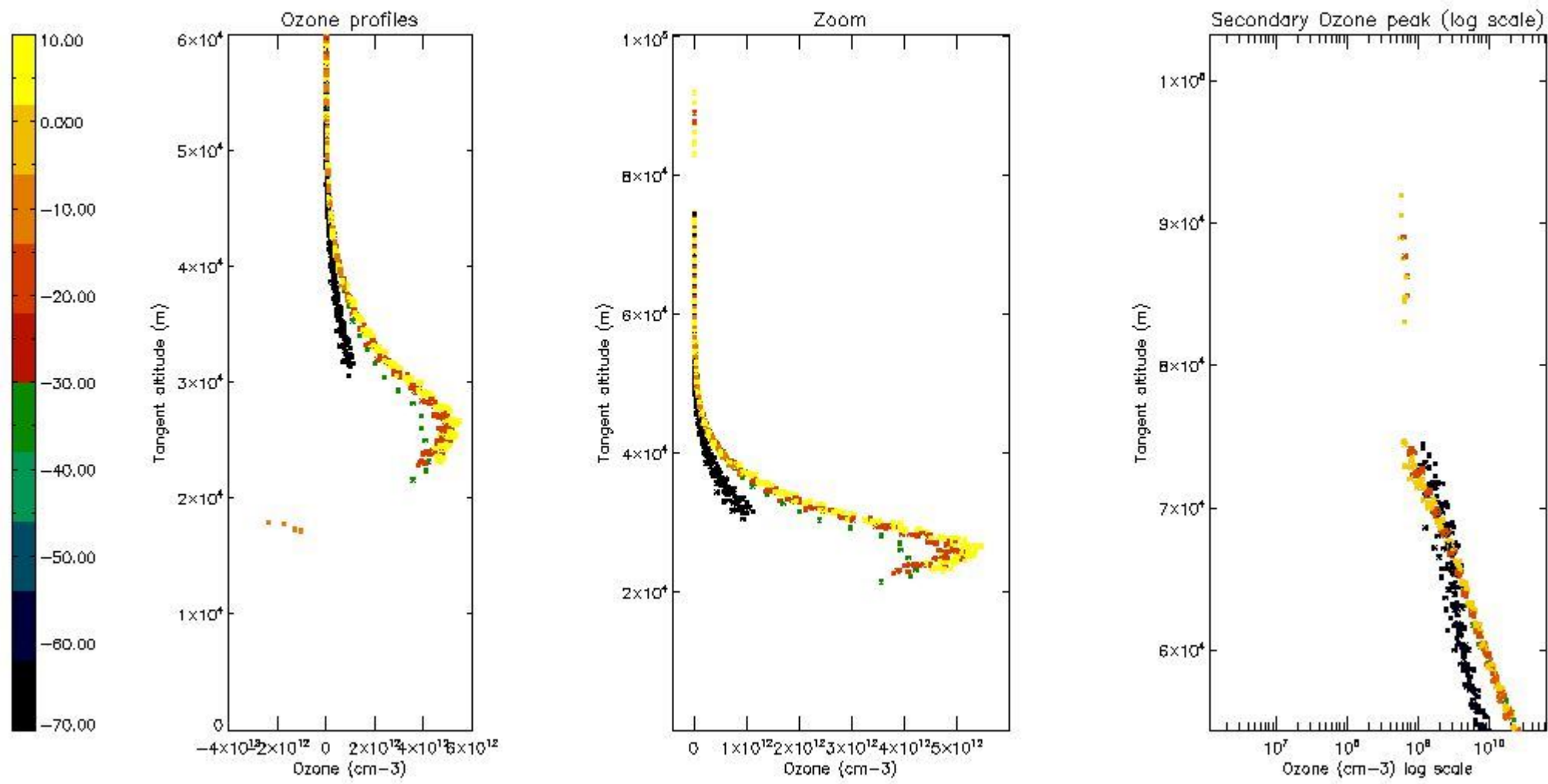
The colorbar represents the latitude.





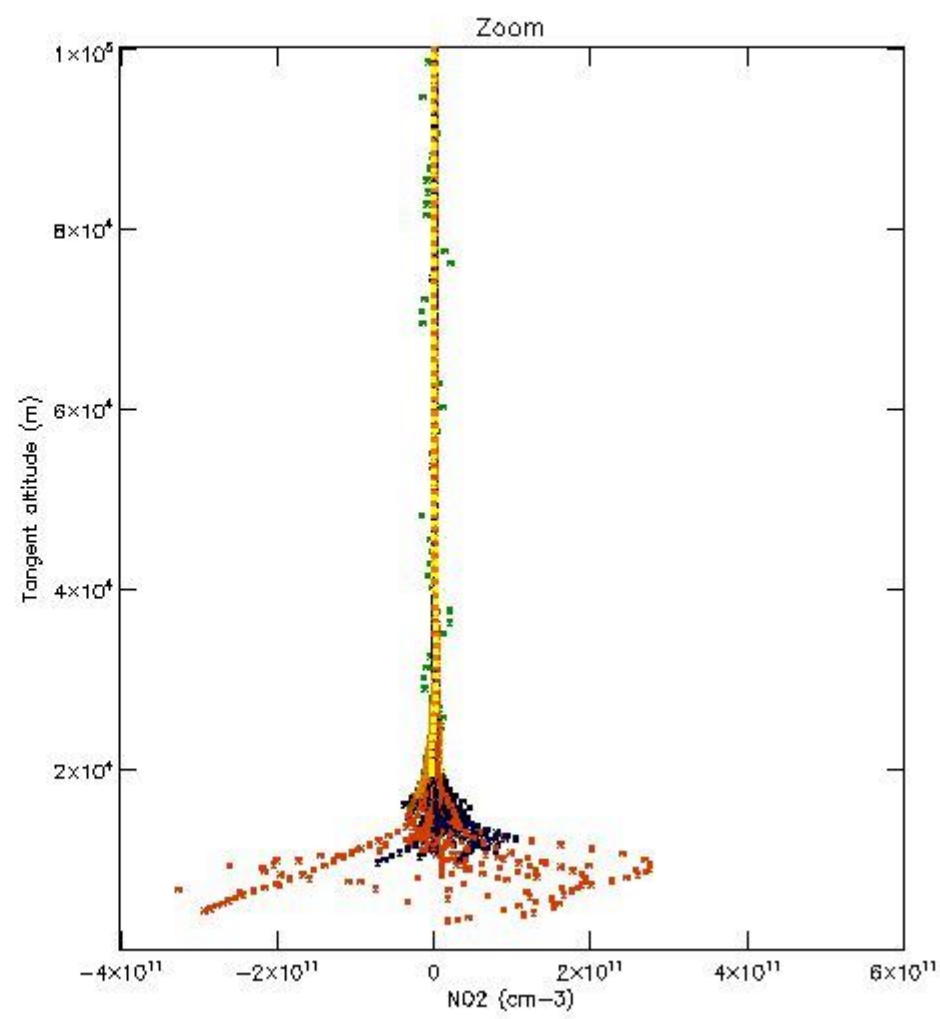
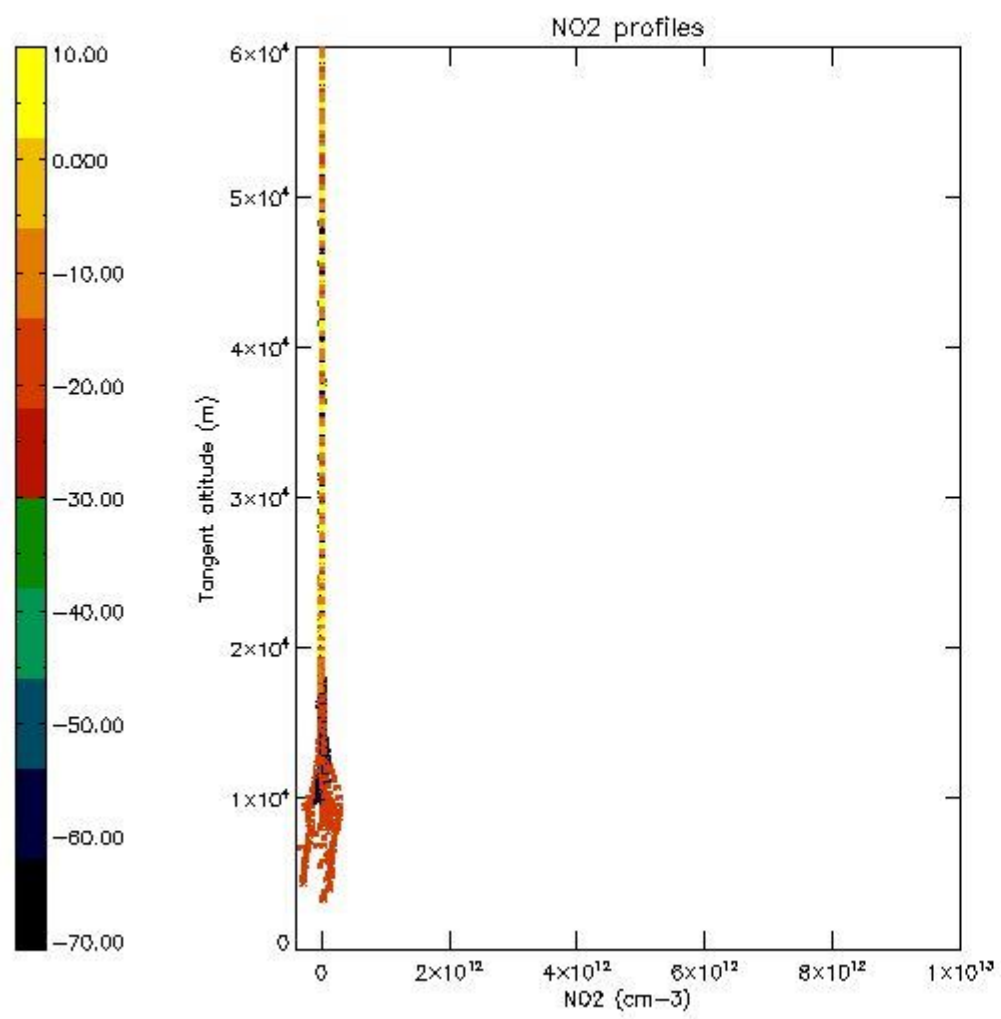
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

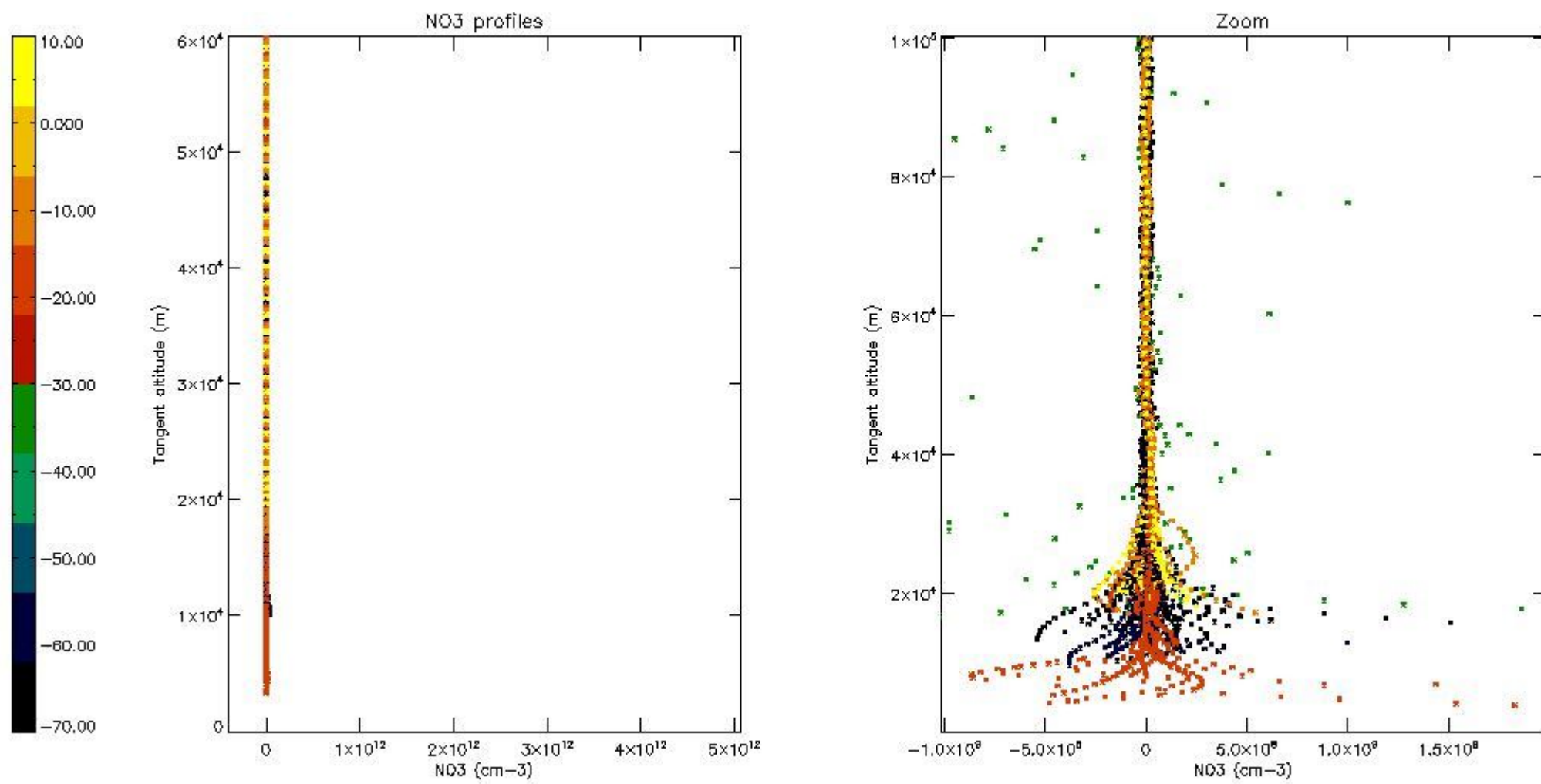
The colorbar represents the latitude.



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

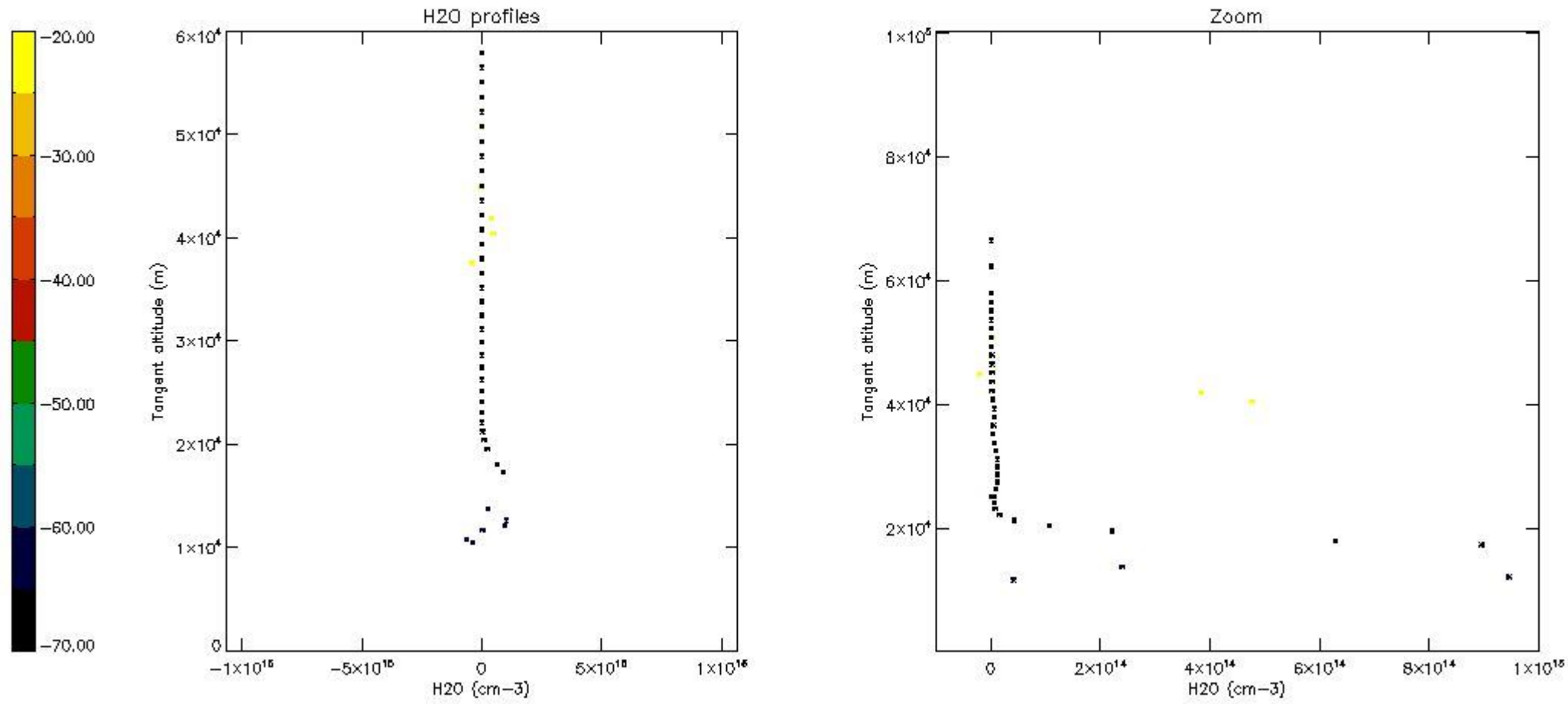
The colorbar represents the latitude.





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

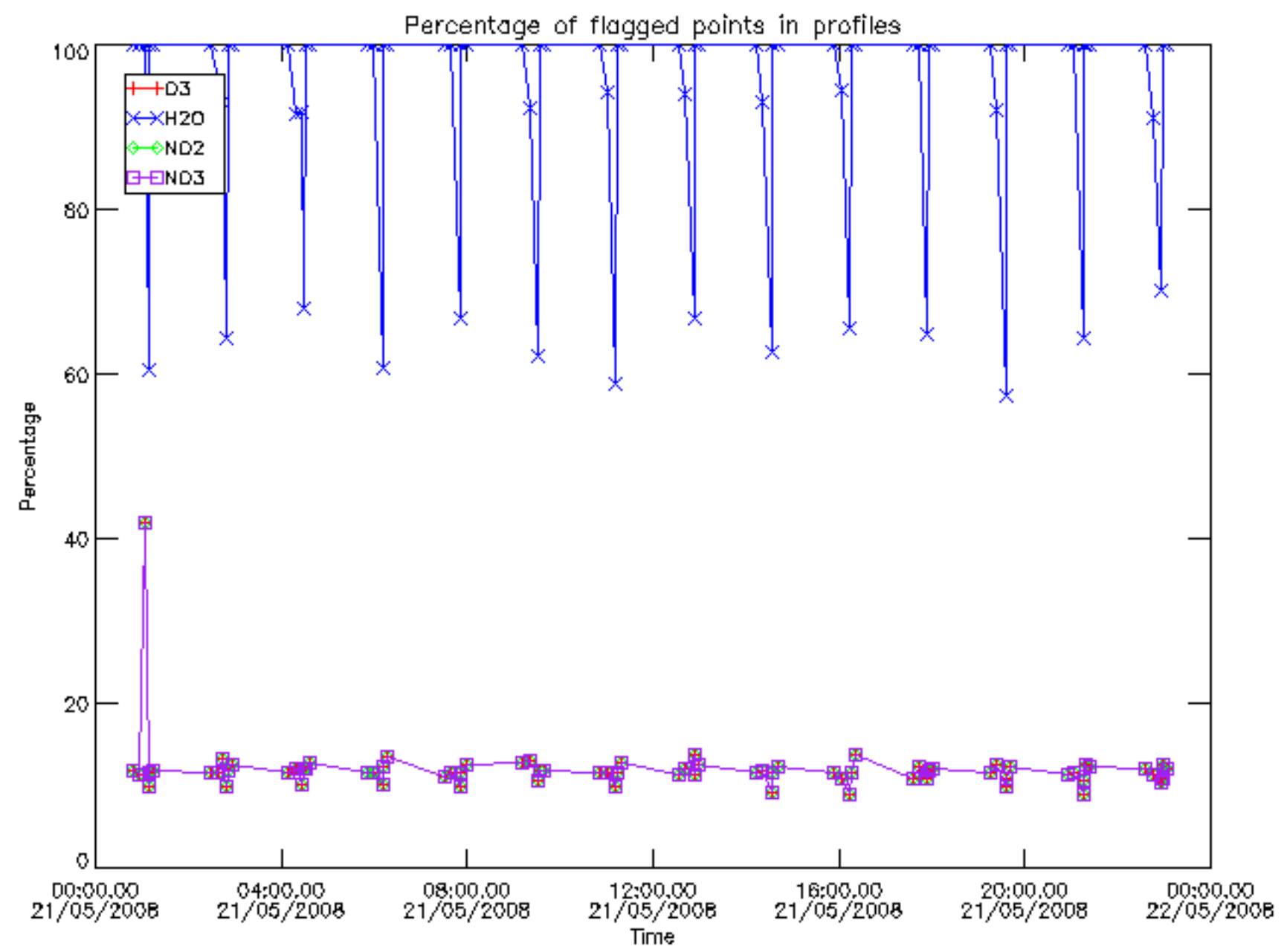
The colorbar represents the latitude.



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

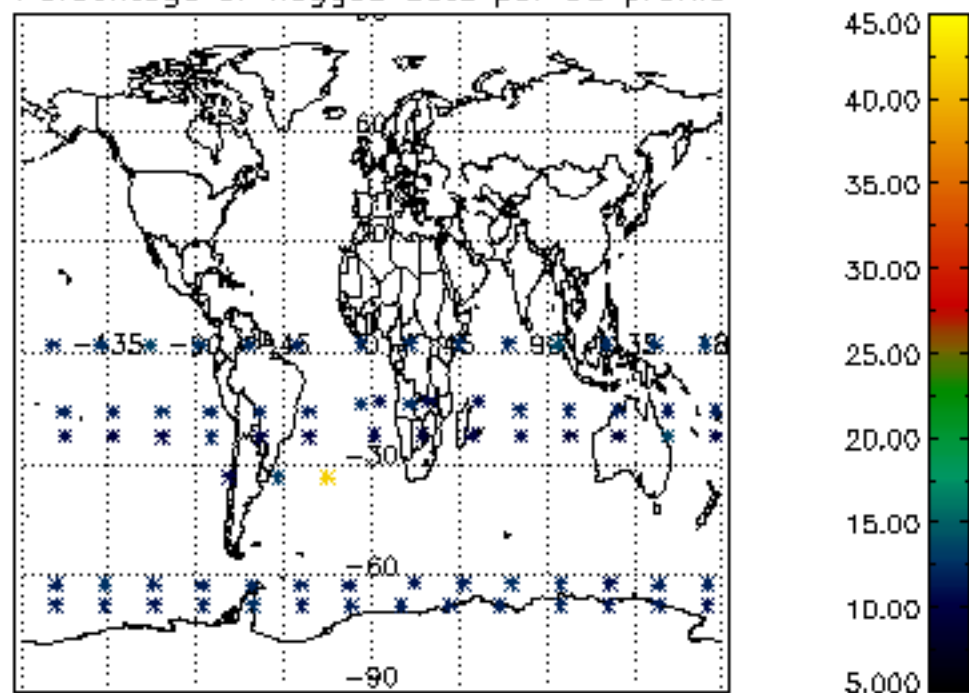
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-MAY-2008 00:02:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-MAY-2008 00:02:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-MAY-2008 00:02:26

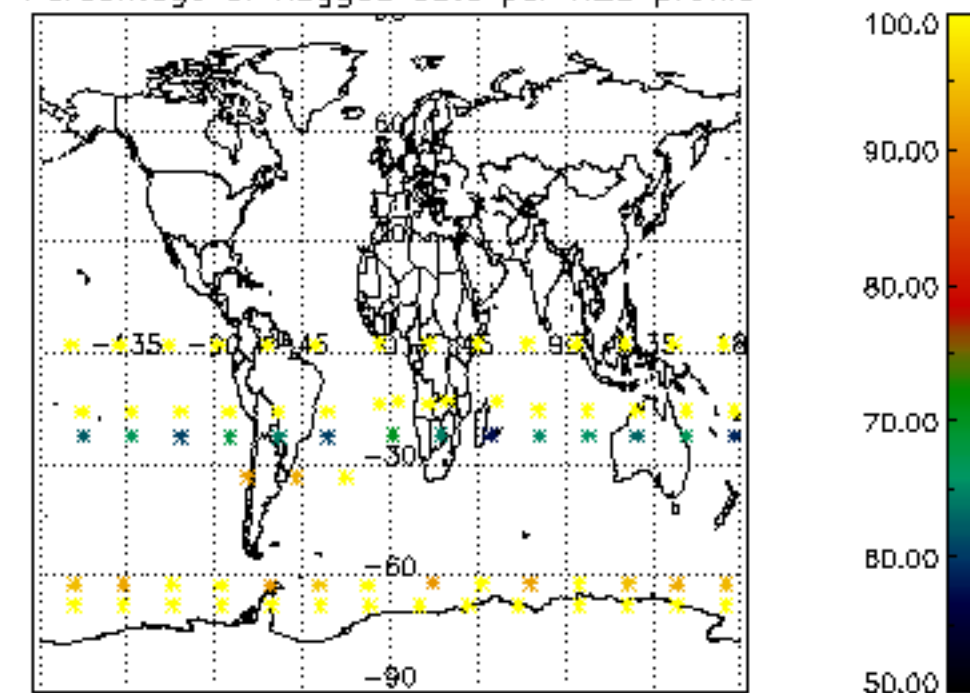




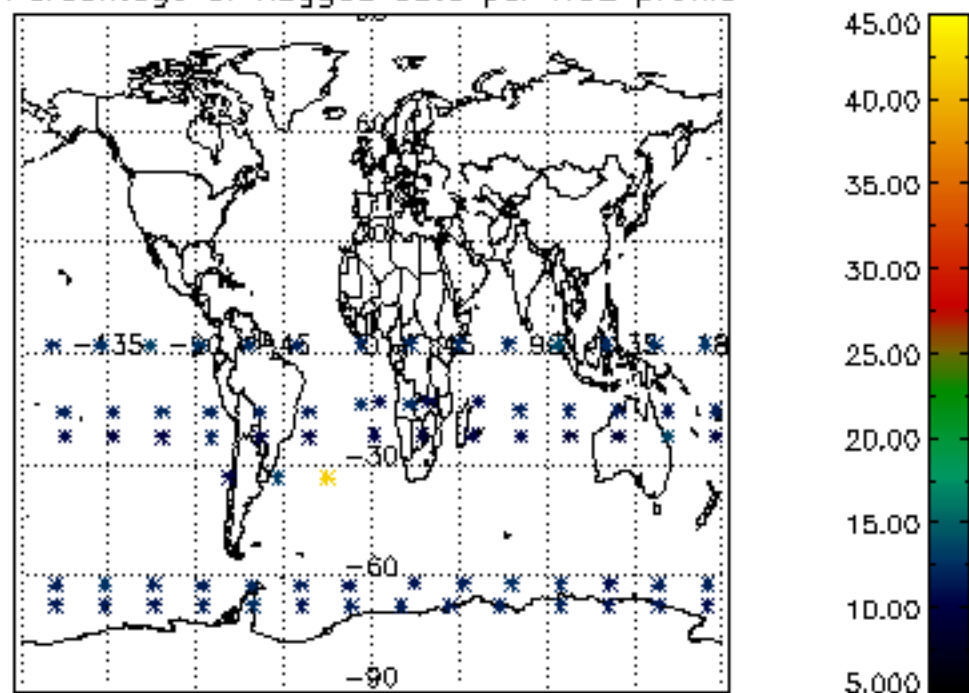
Percentage of flagged data per D3 profile



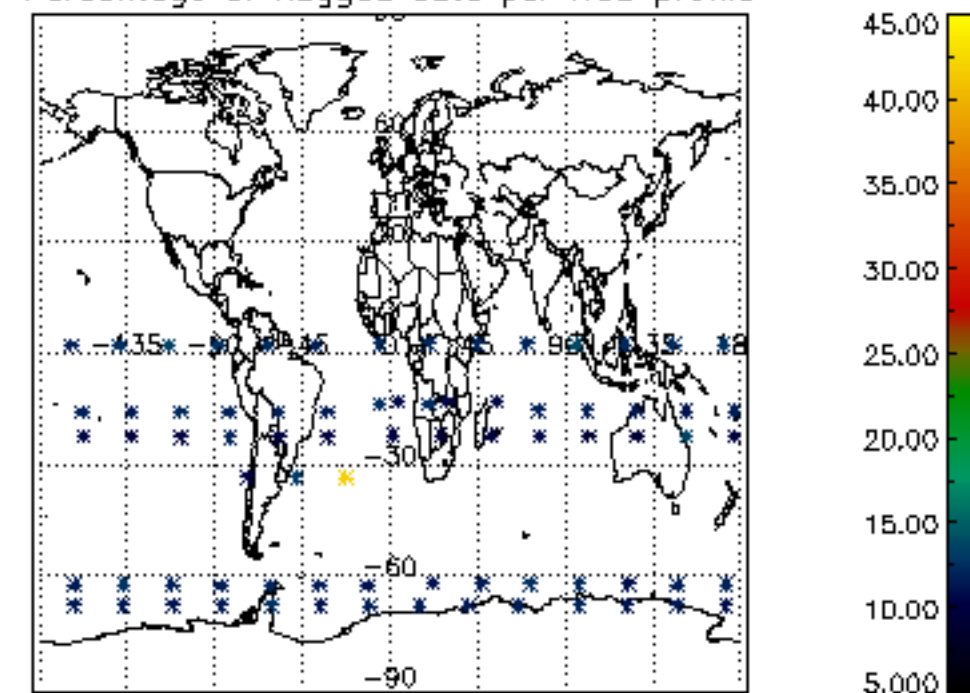
Percentage of flagged data per H2O profile

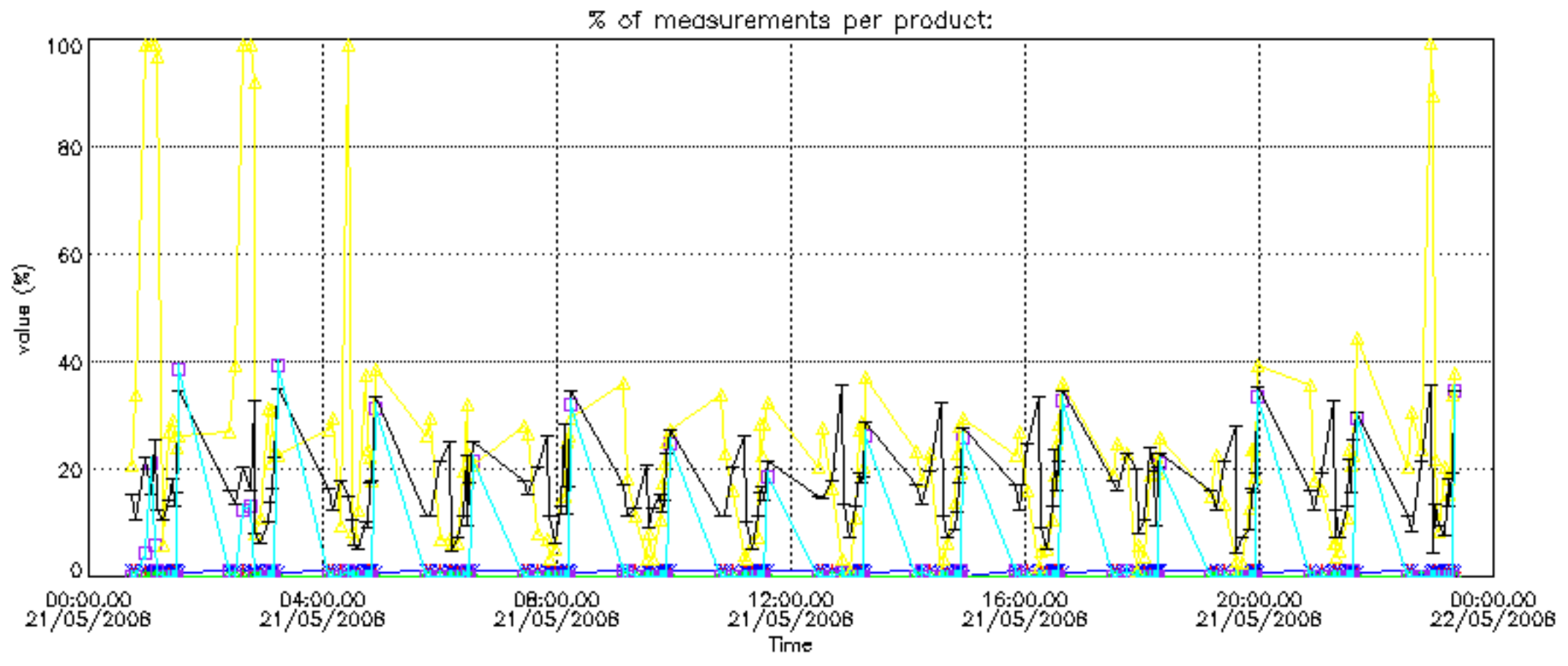


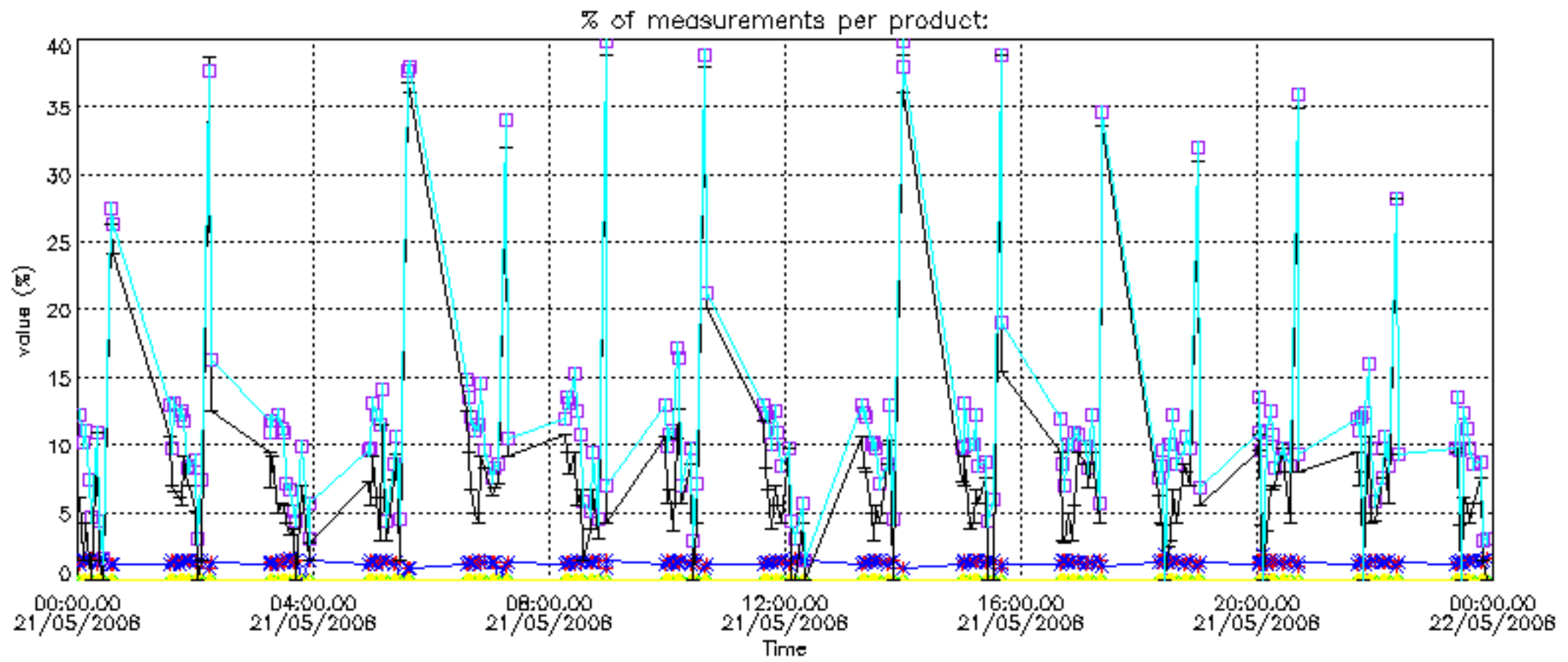
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

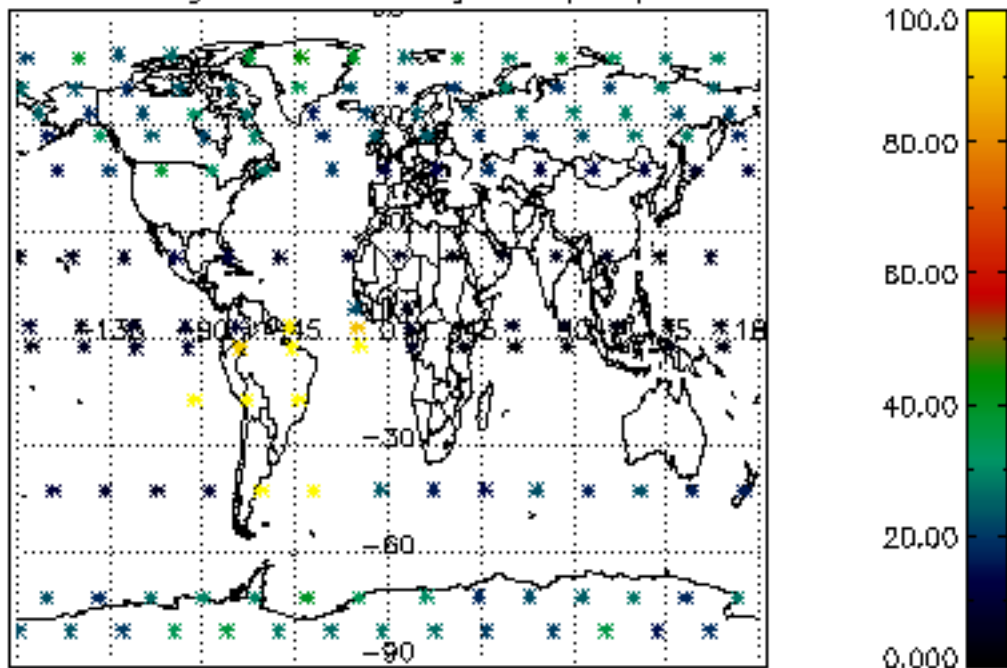




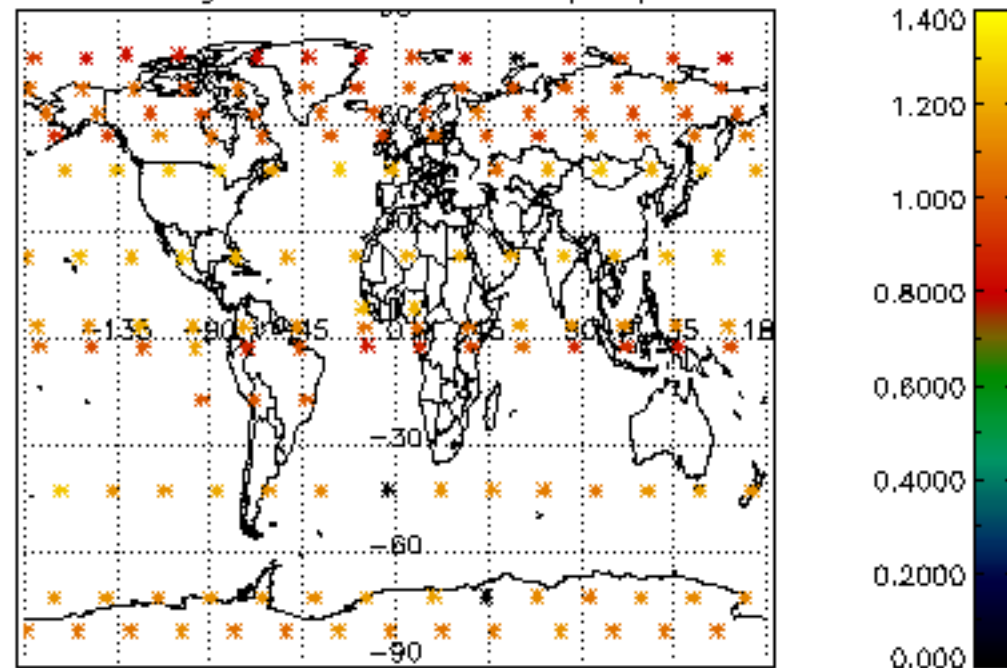




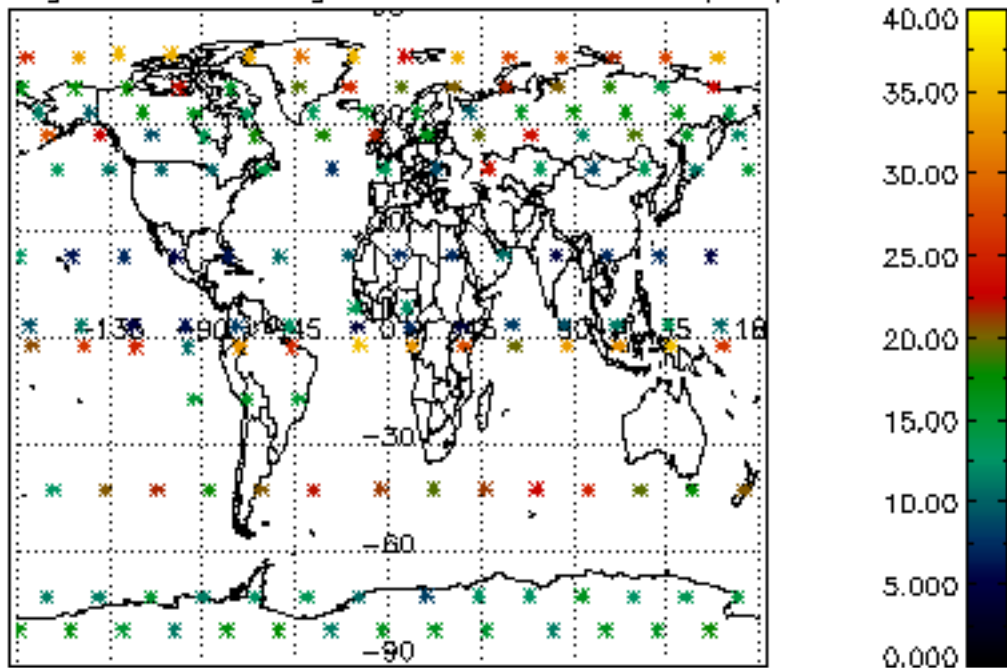
Percentage of cosmic ray hits per profile



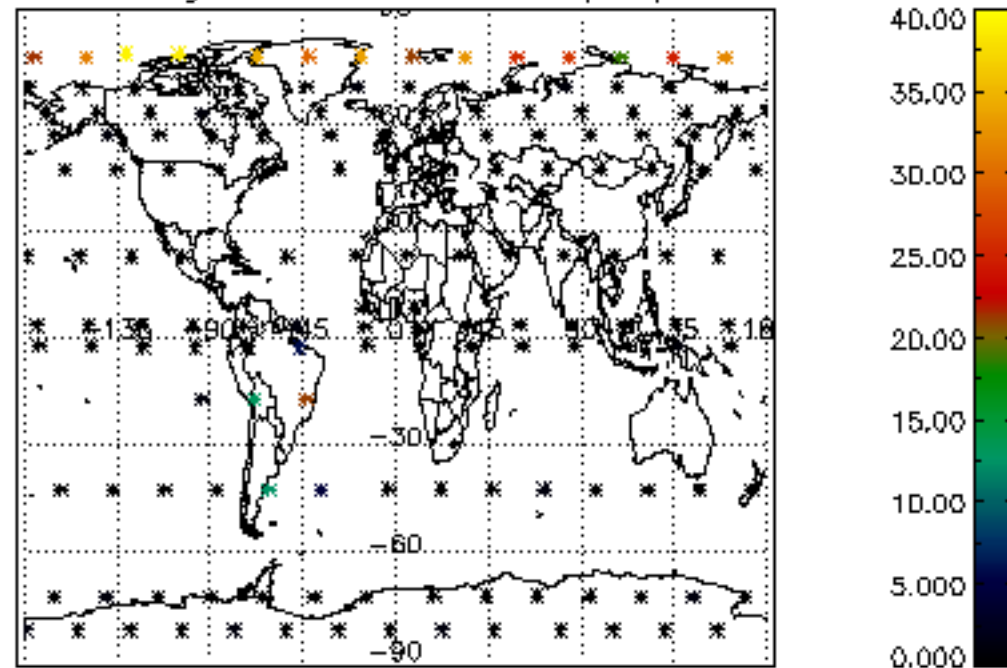
Percentage of datation errors per profile



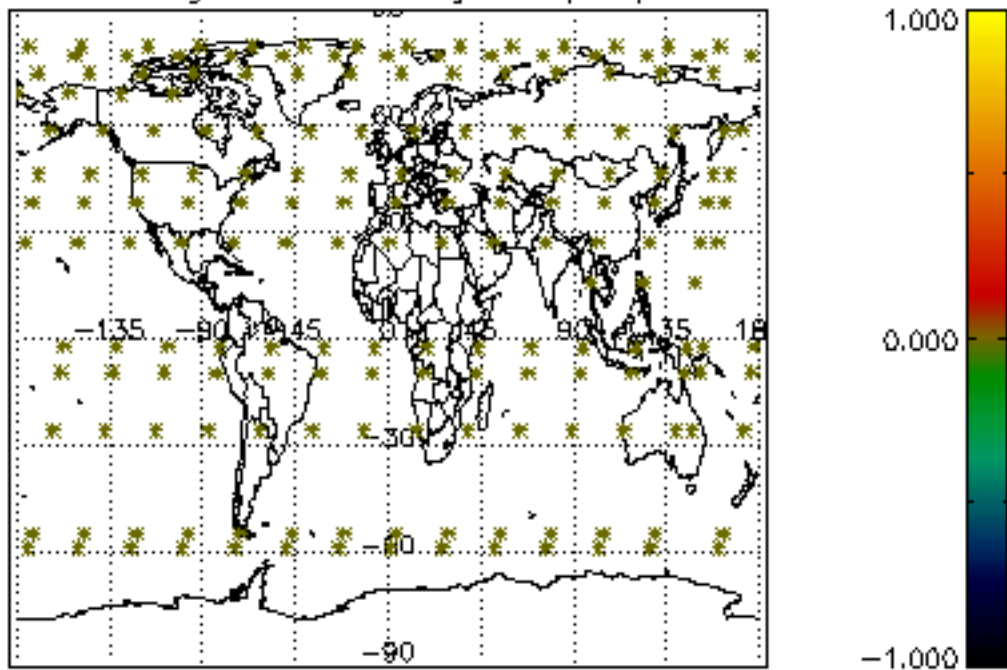
Percentage of star falling outside central band per profile



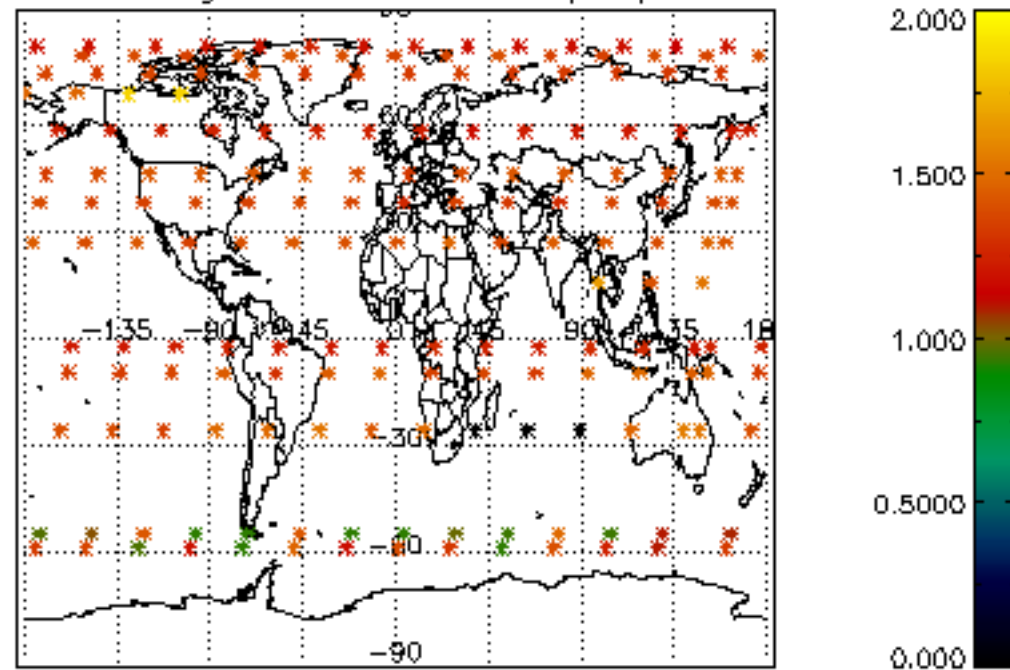
Percentage of saturation errors per profile



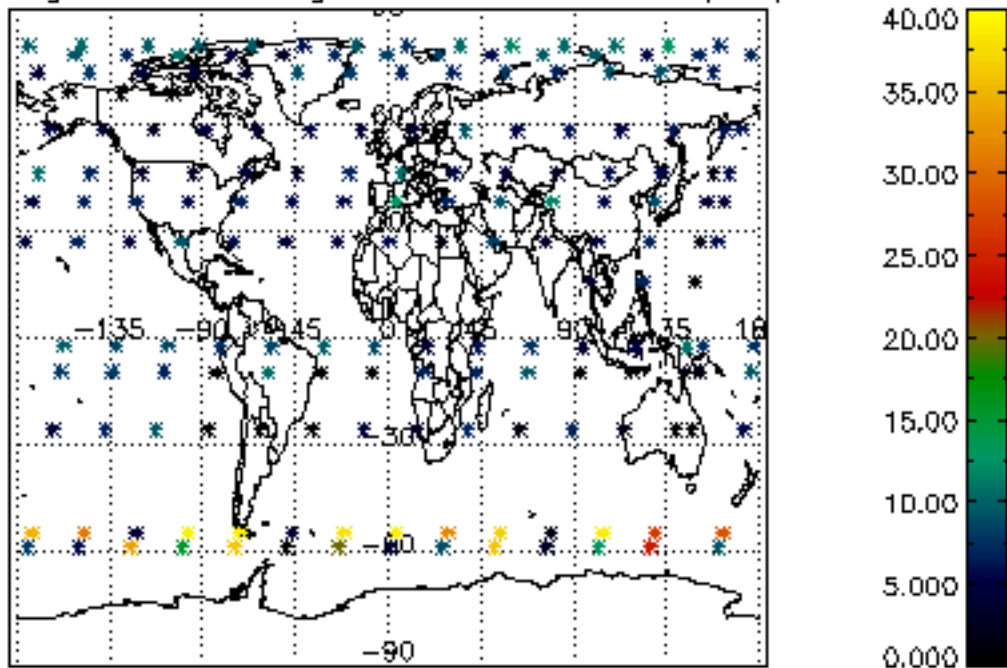
Percentage of cosmic ray hits per profile



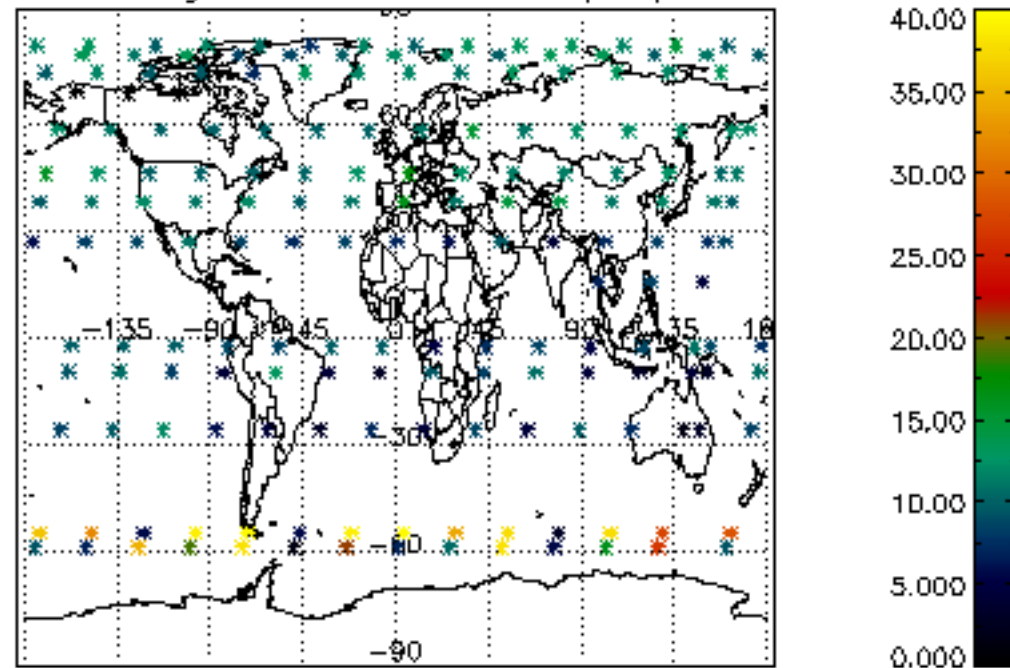
Percentage of datation errors per profile

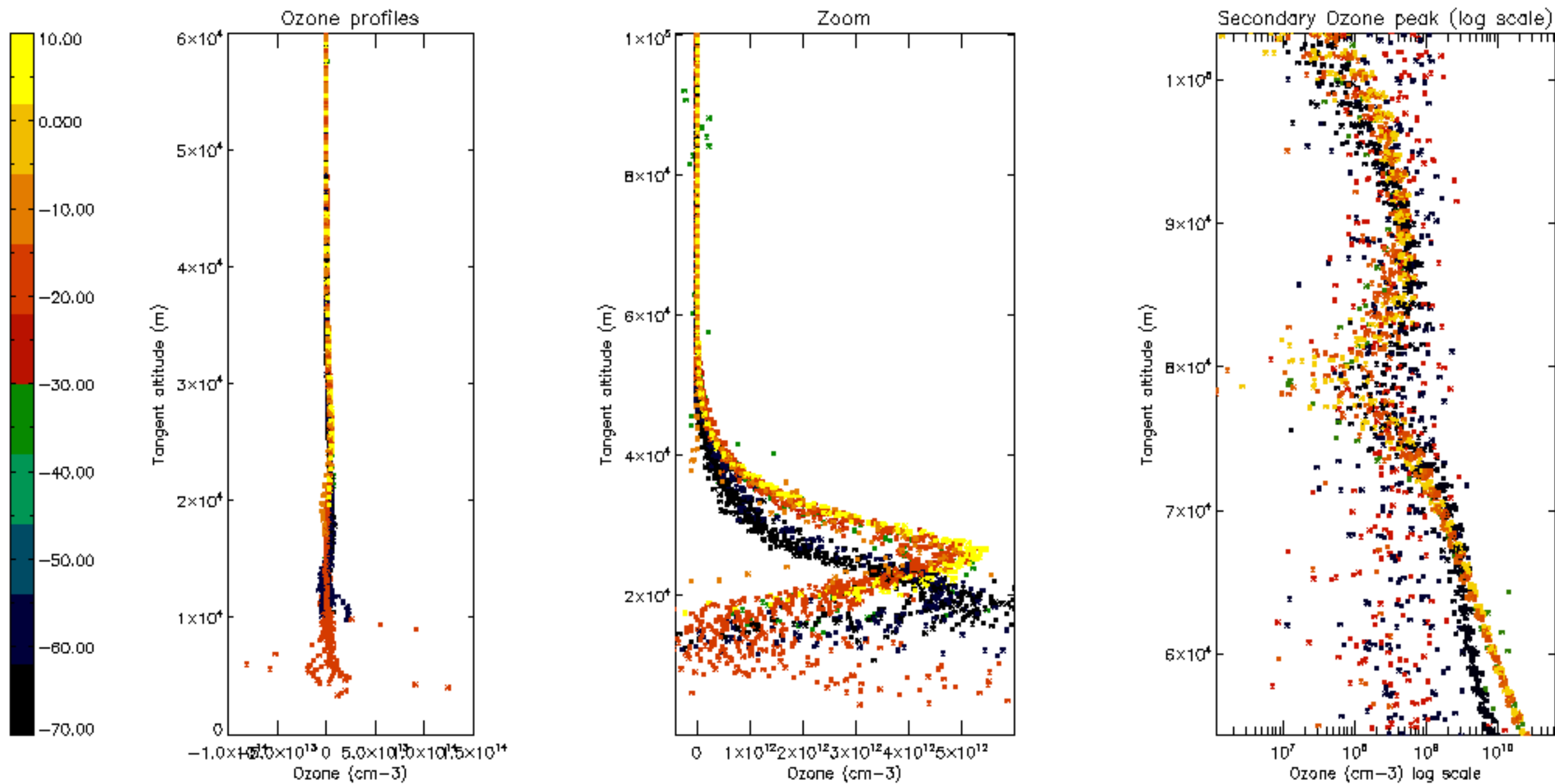


Percentage of star falling outside central band per profile

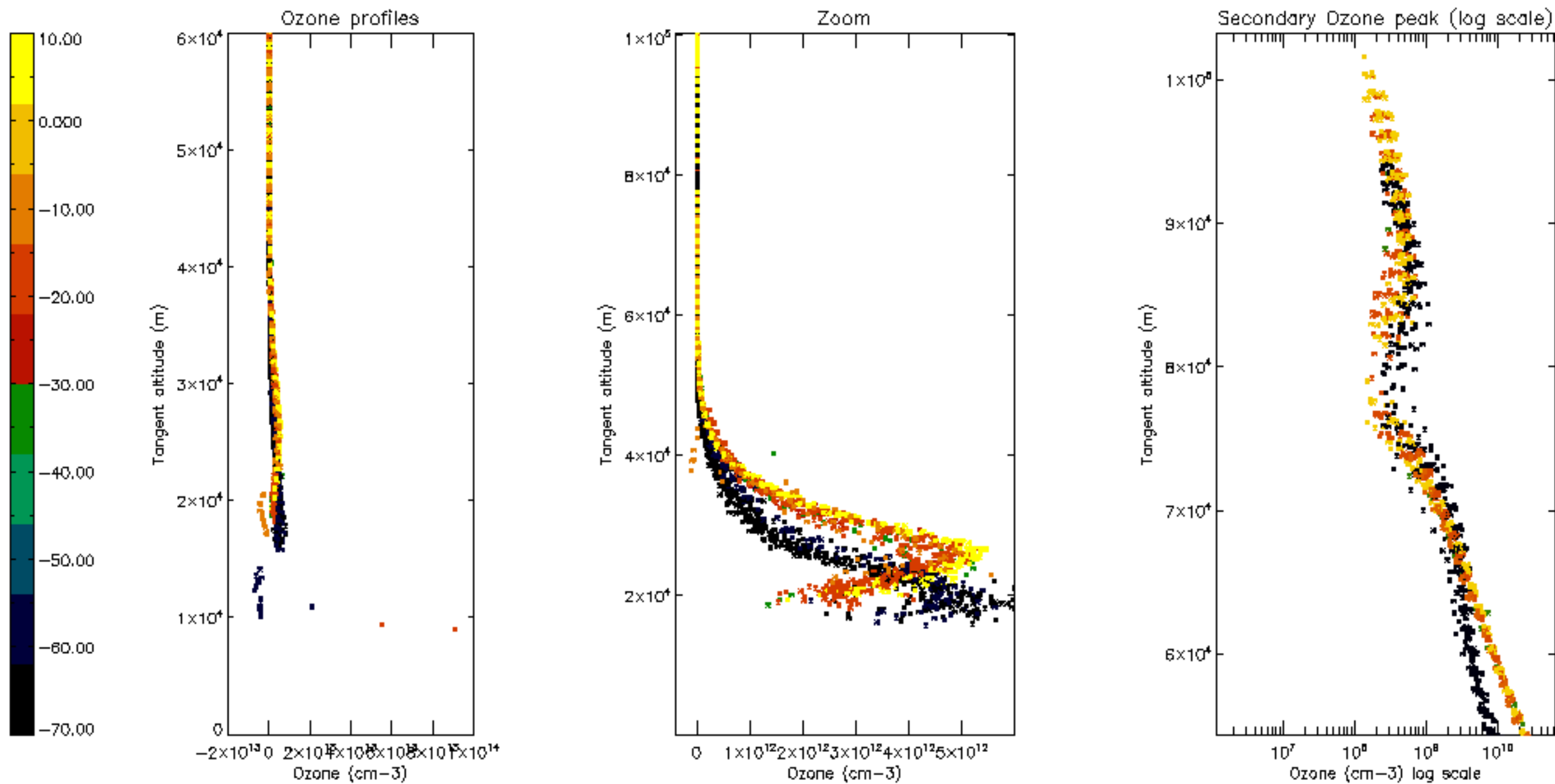


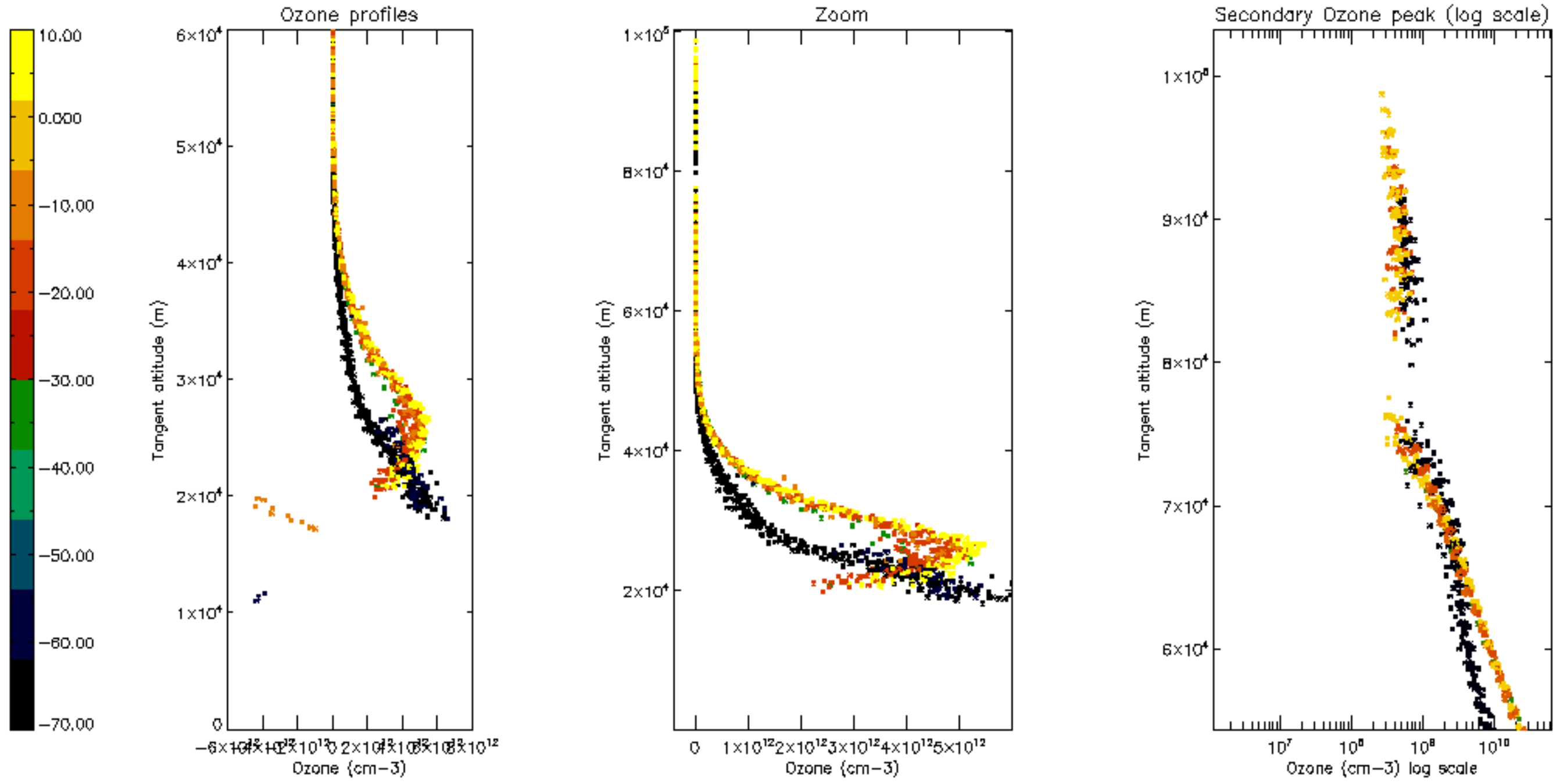
Percentage of saturation errors per profile

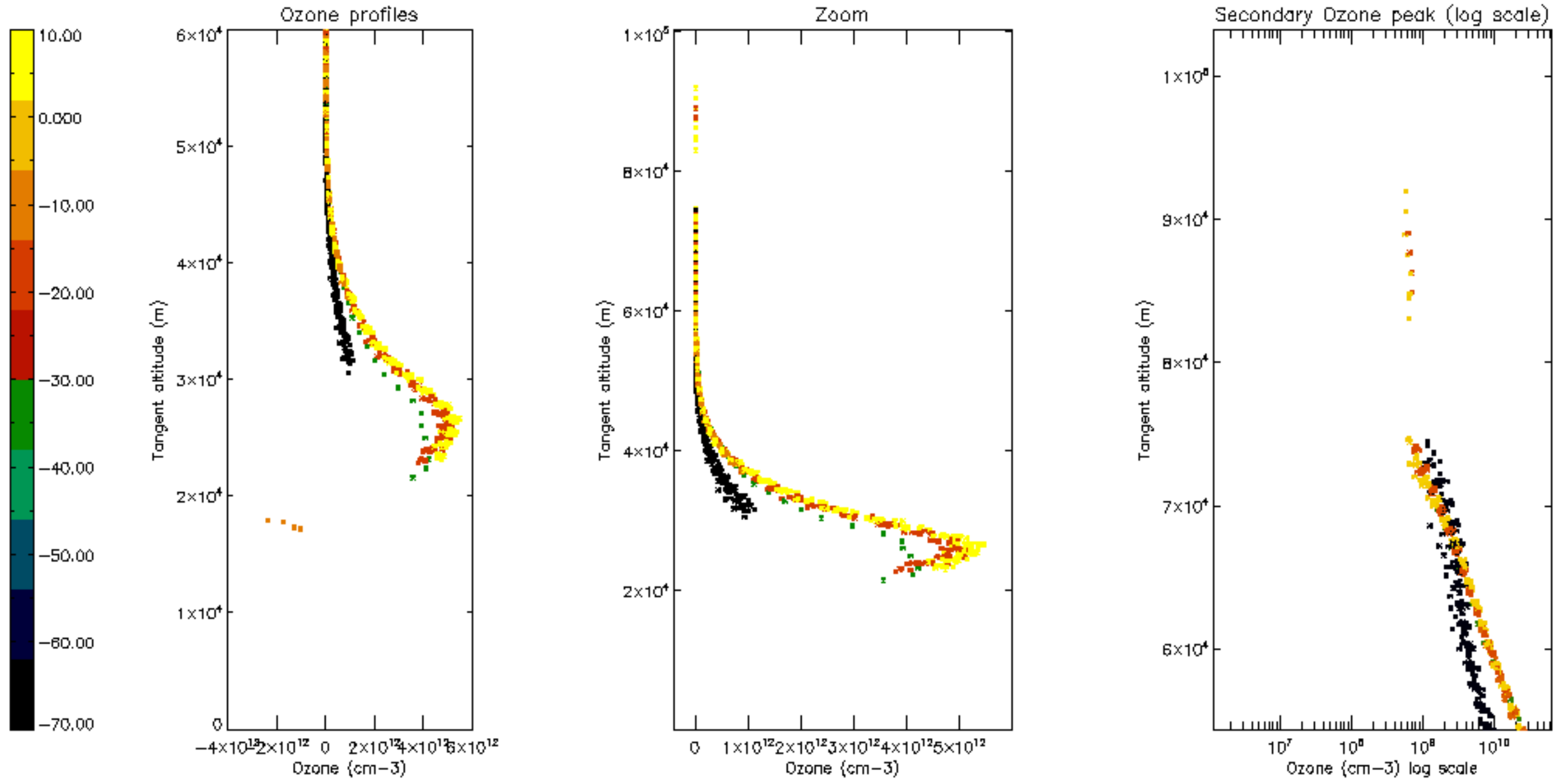




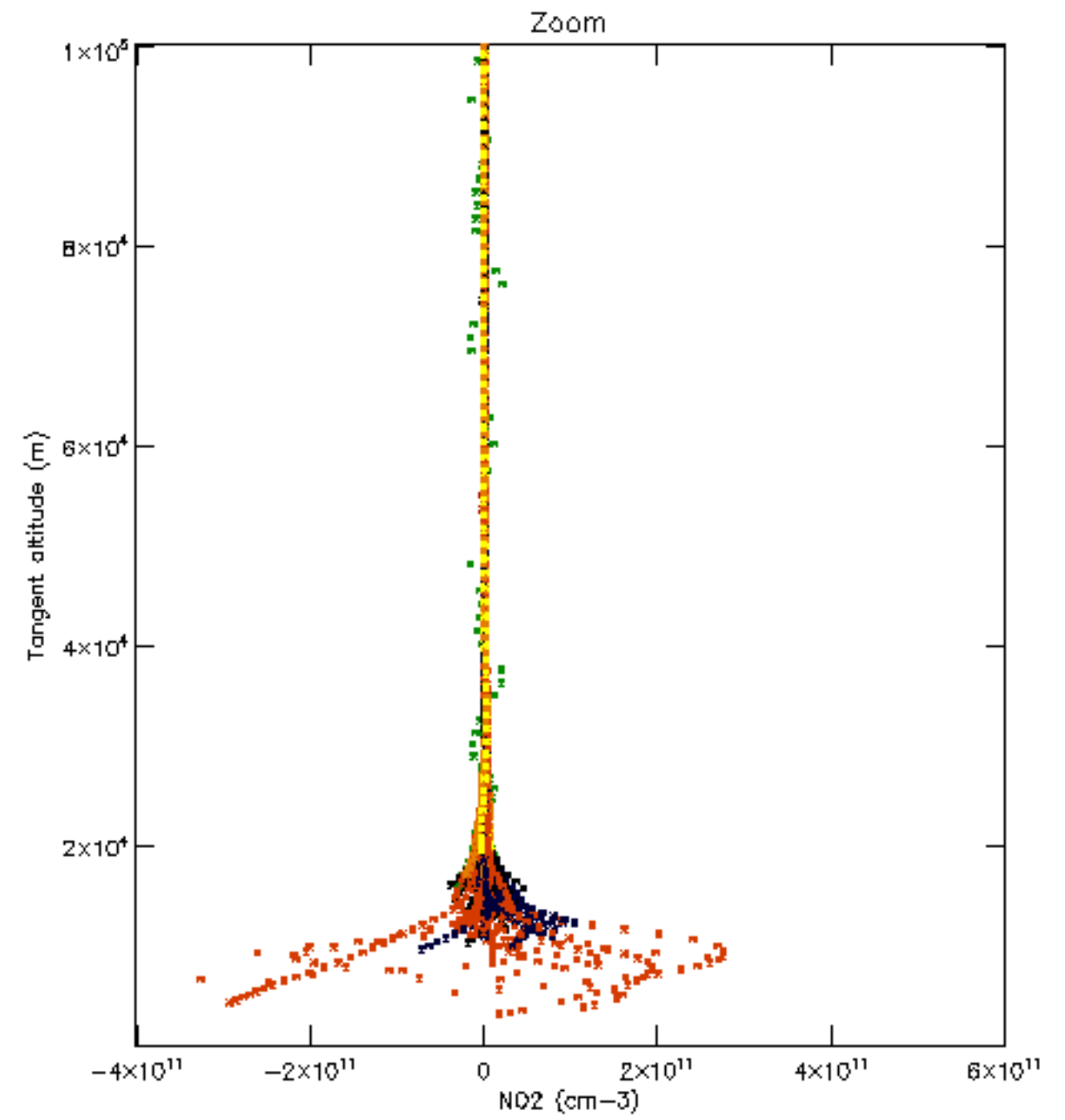
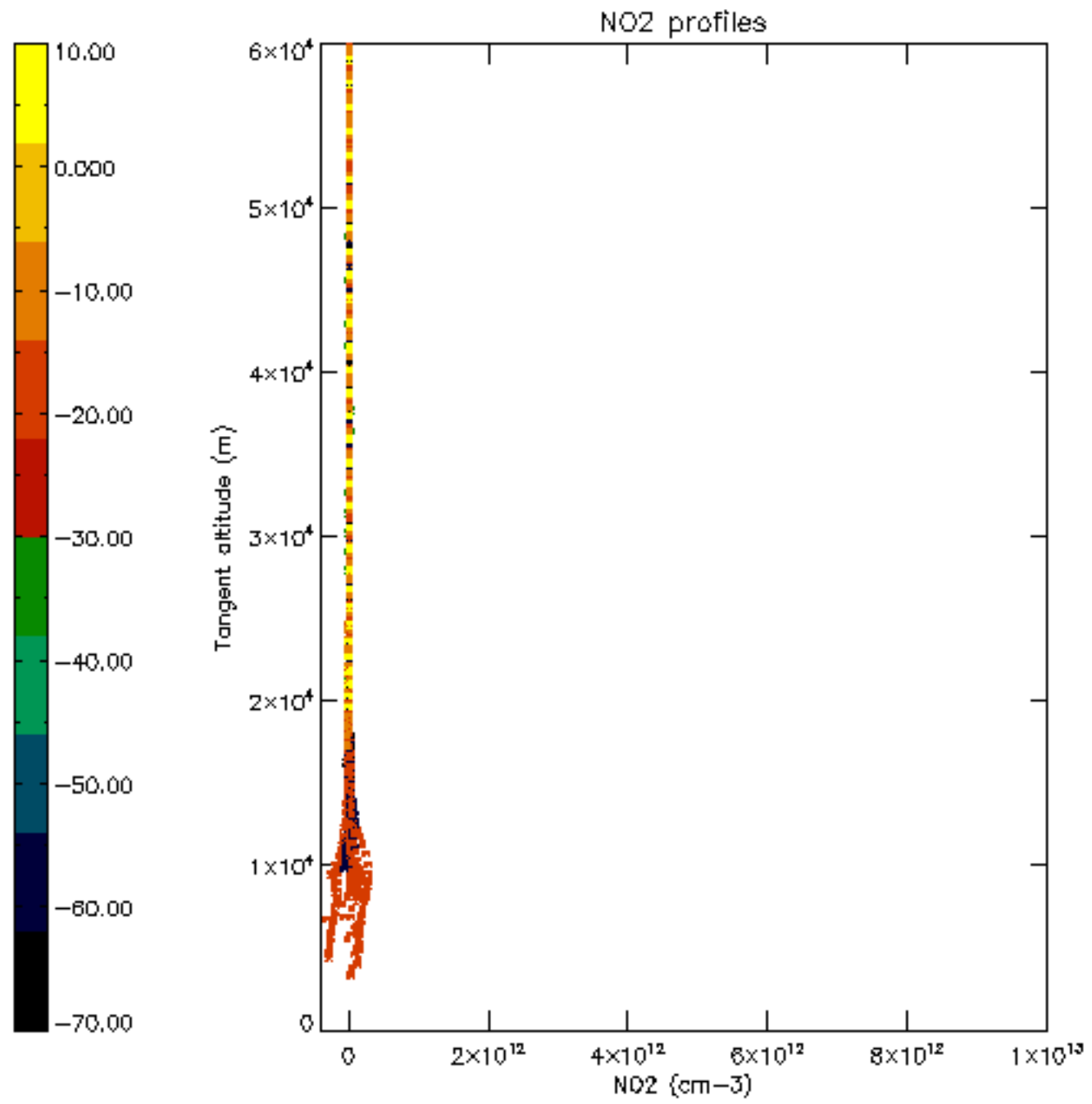


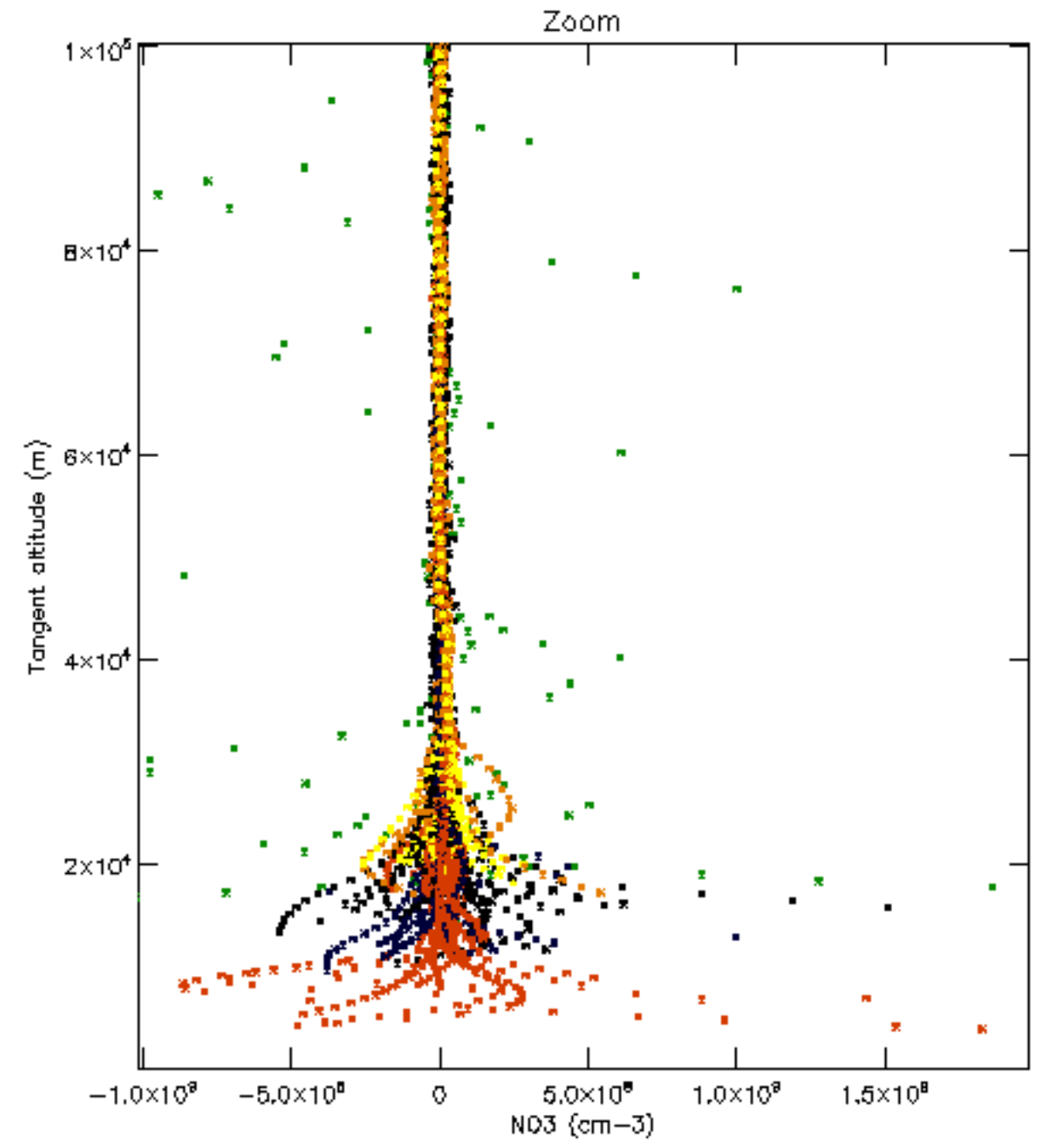
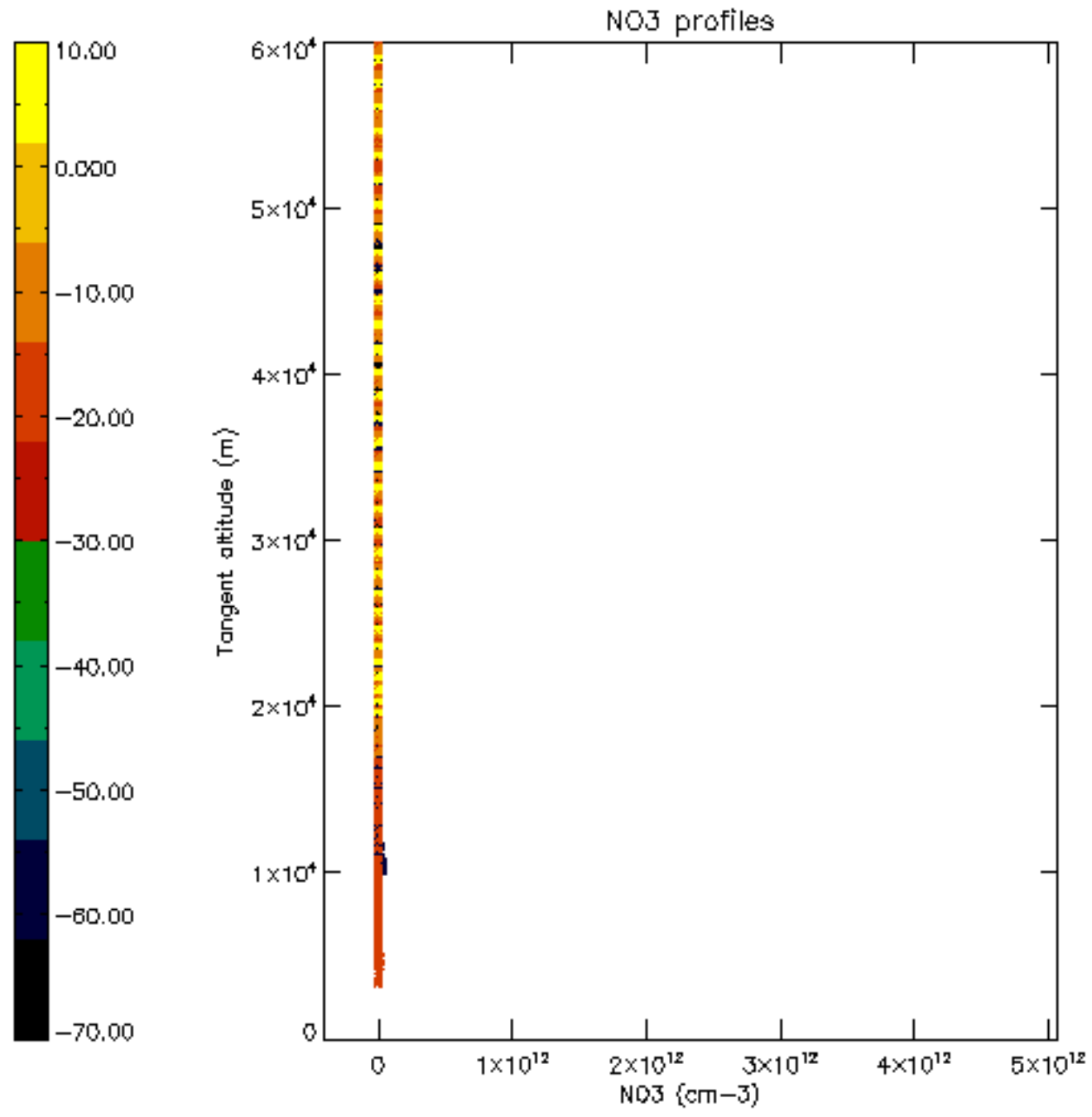


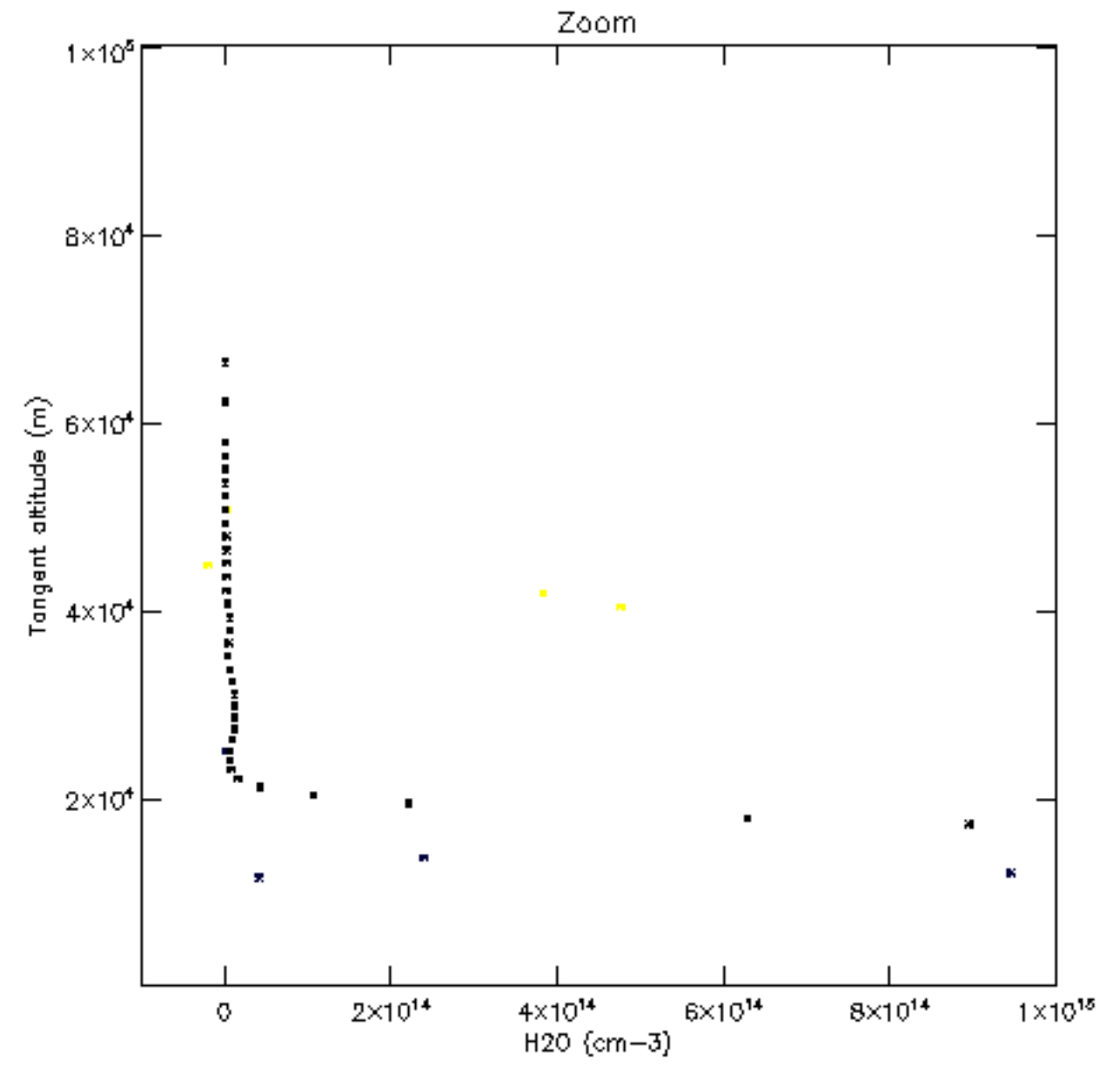
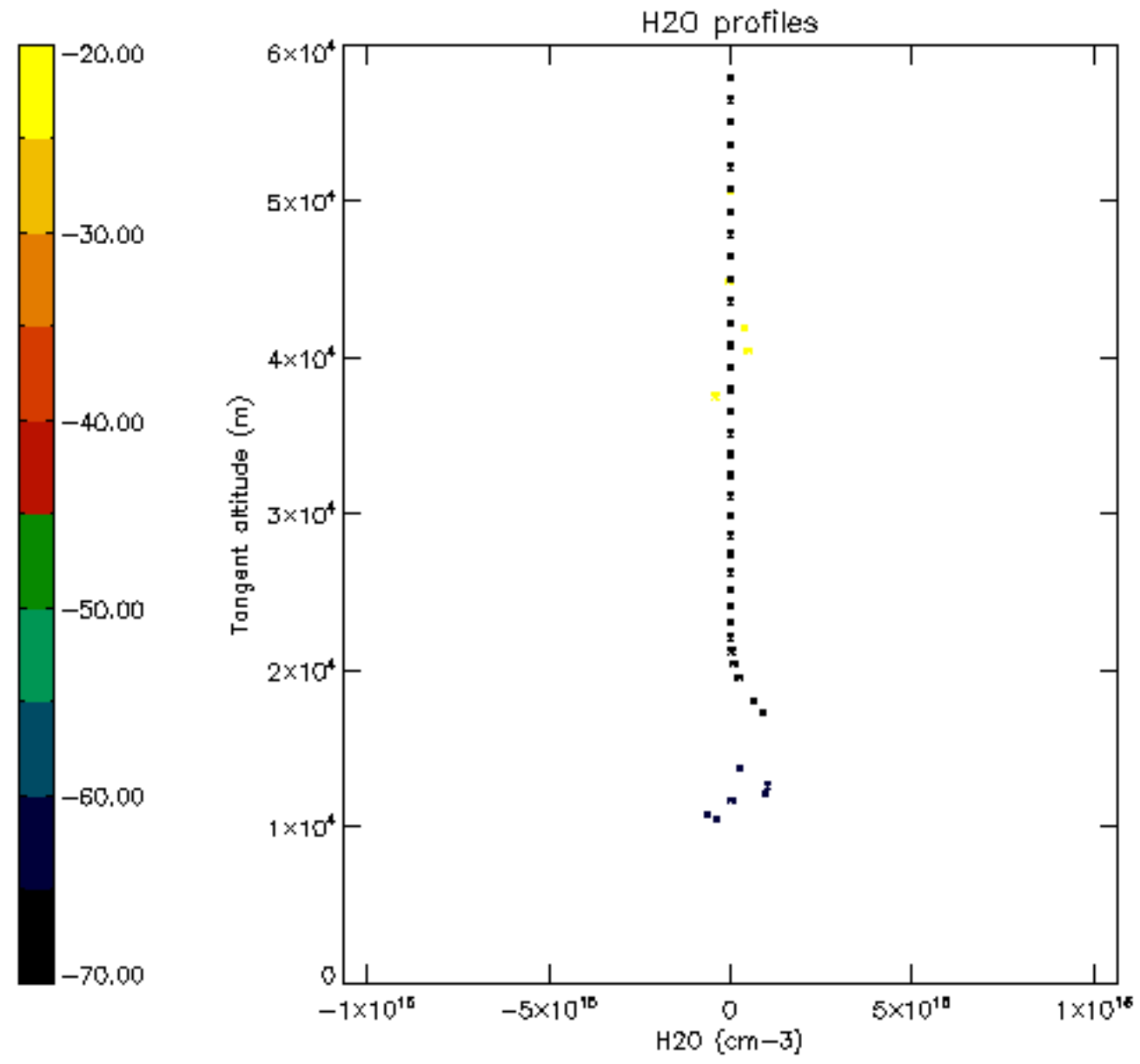




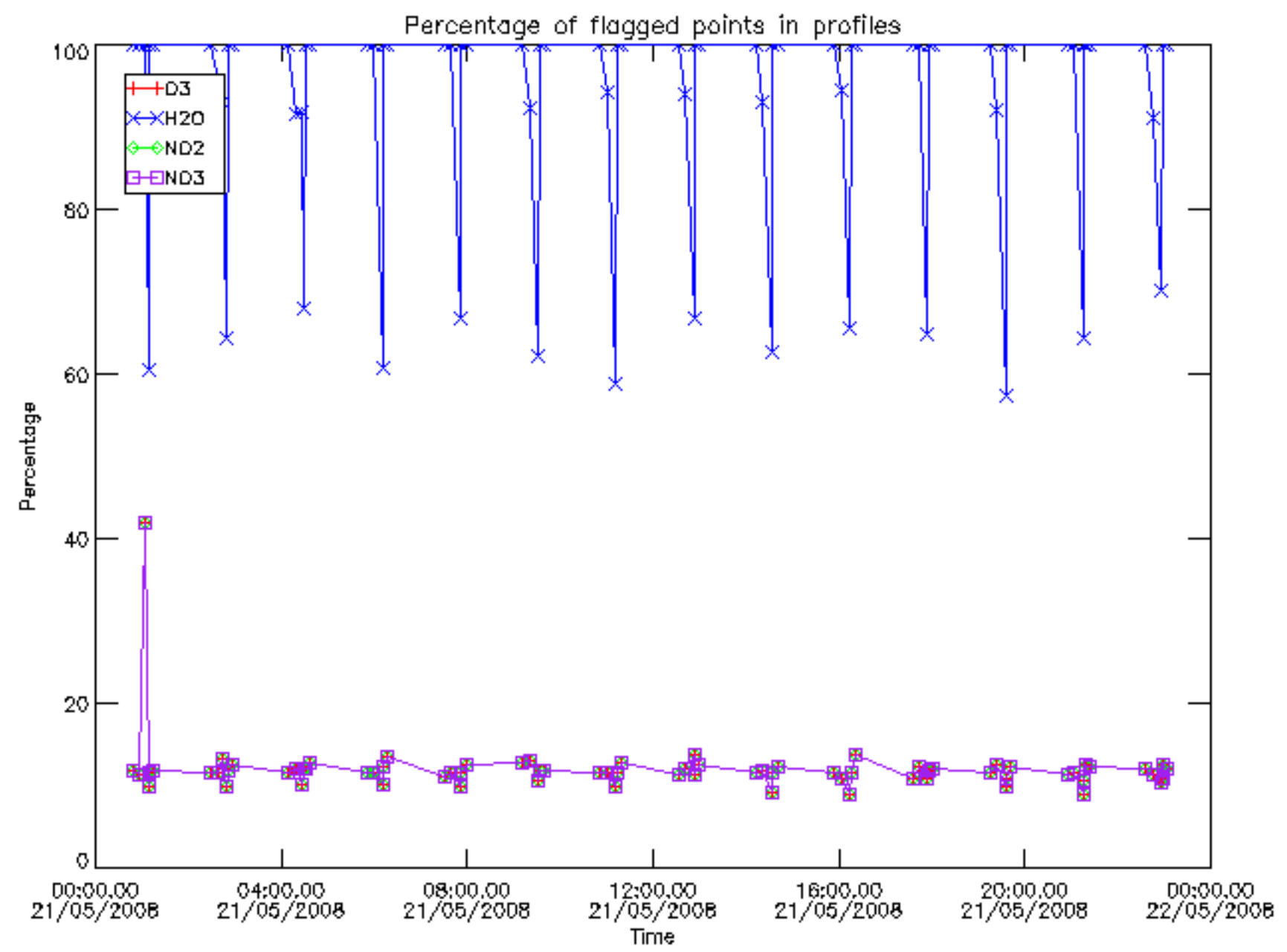




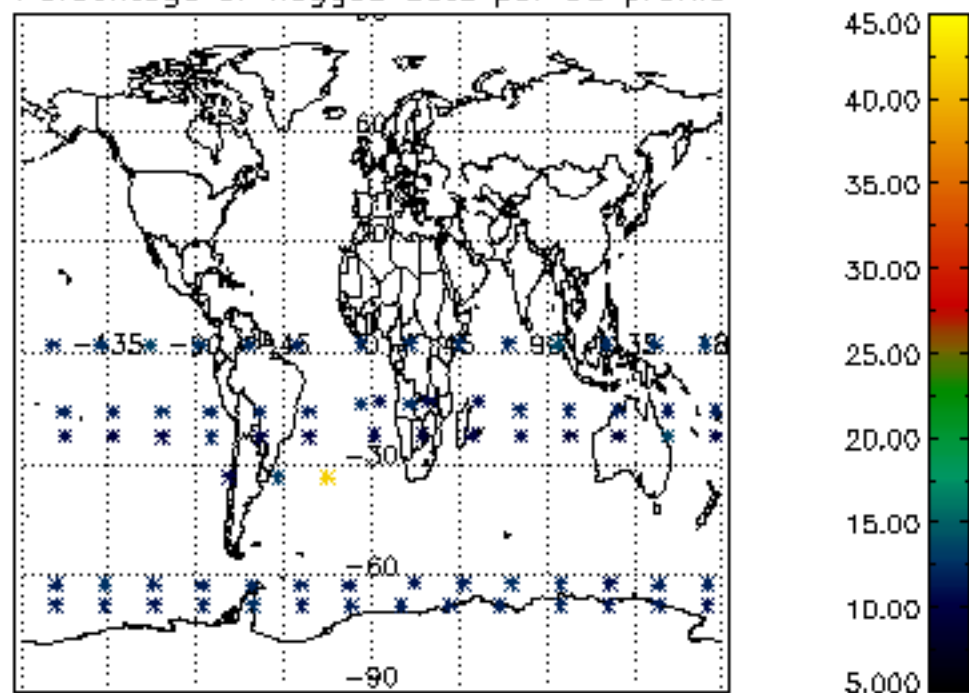




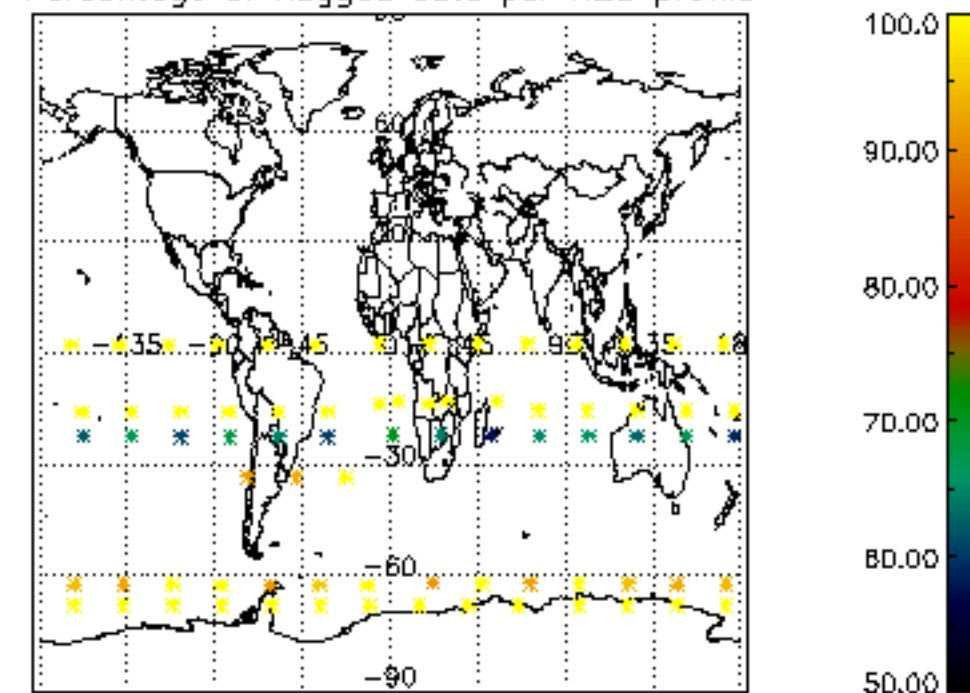




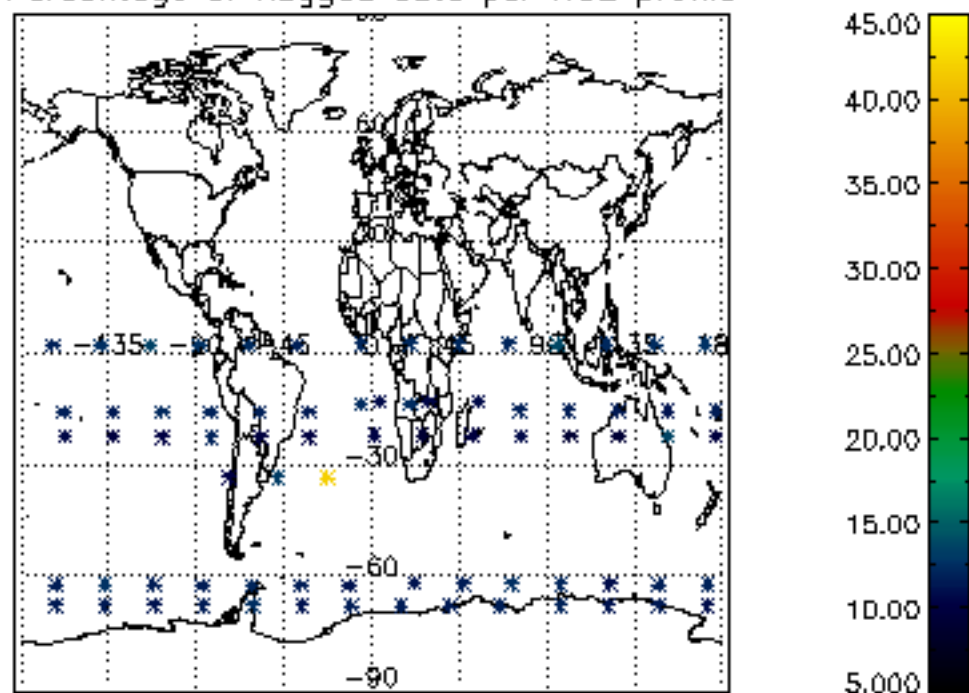
Percentage of flagged data per D3 profile



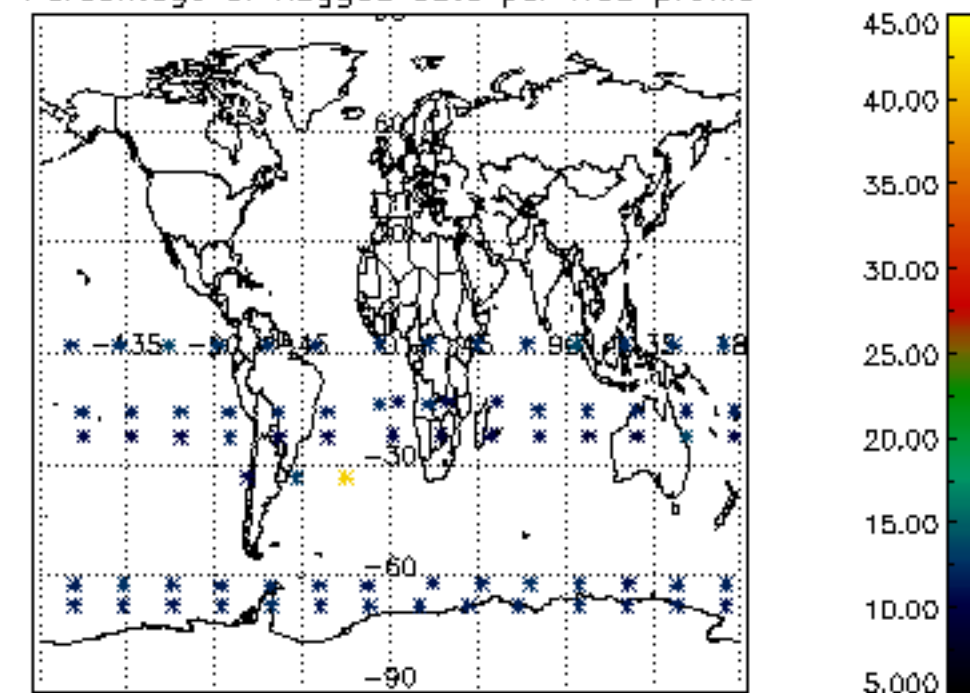
Percentage of flagged data per H2O profile

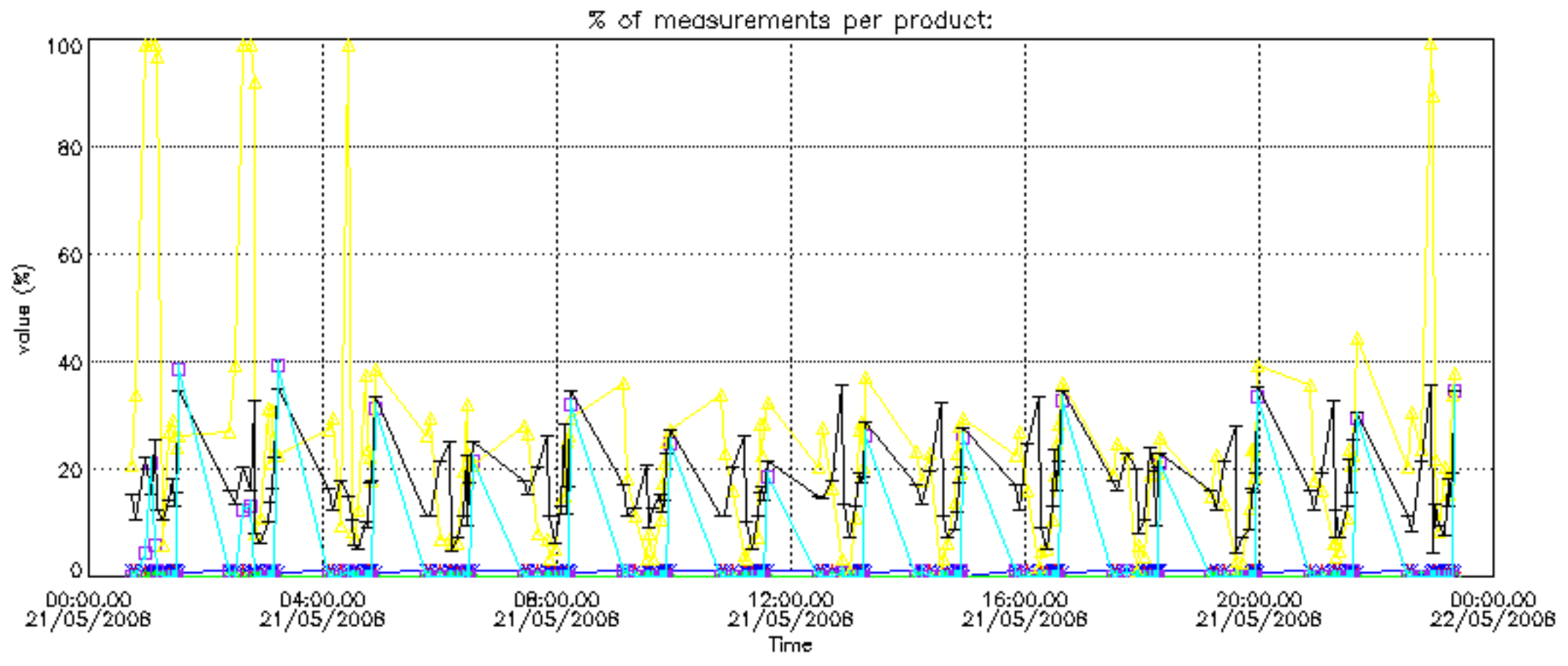


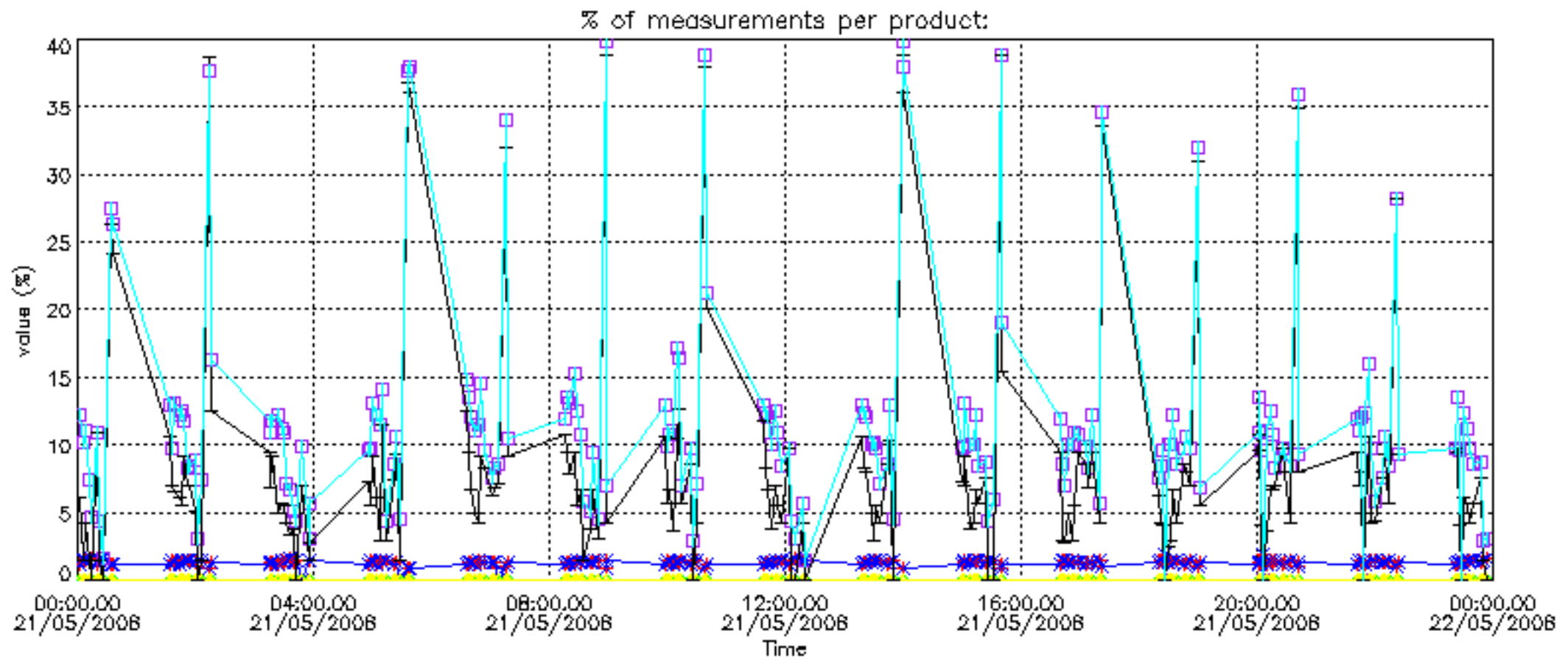
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

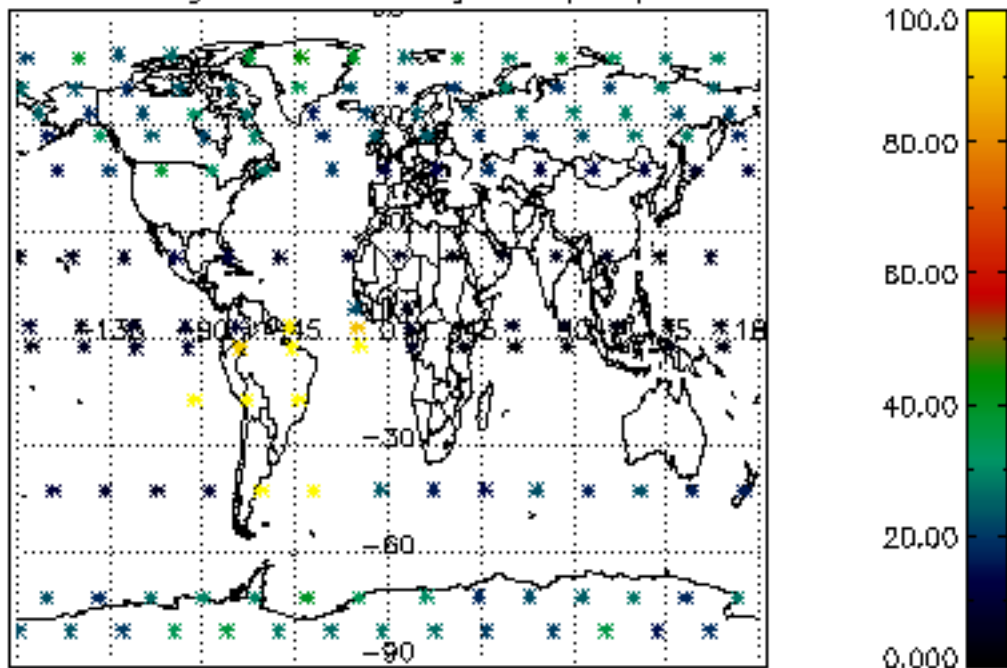




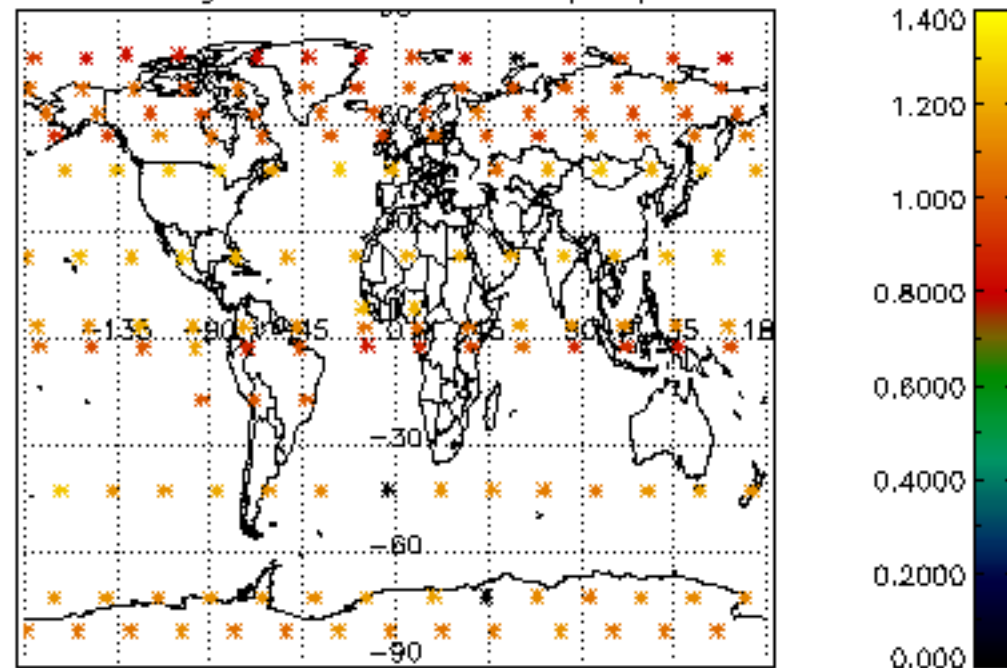




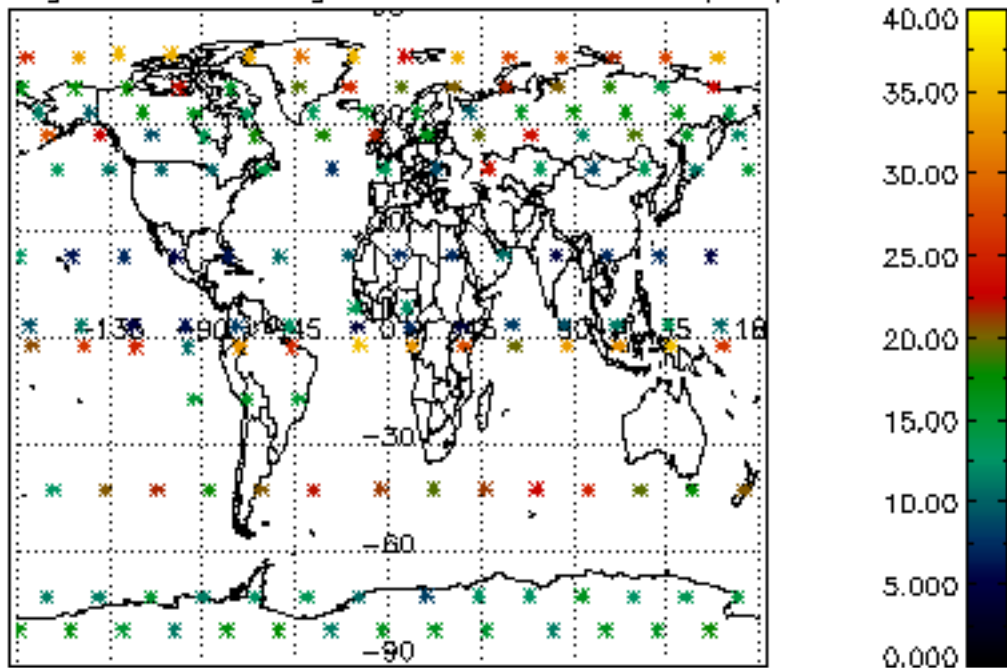
Percentage of cosmic ray hits per profile



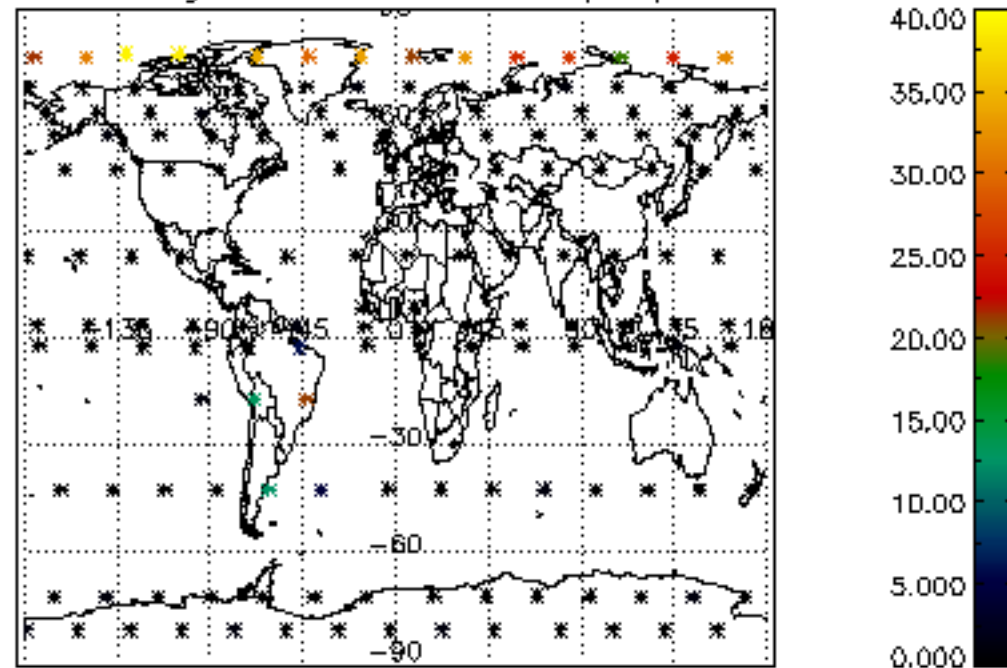
Percentage of datation errors per profile



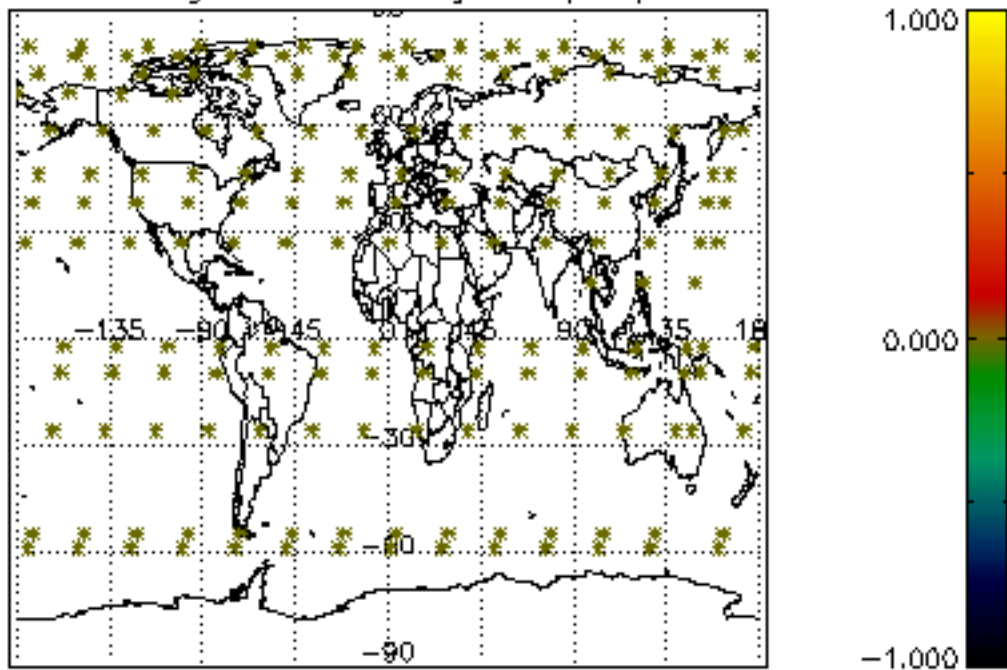
Percentage of star falling outside central band per profile



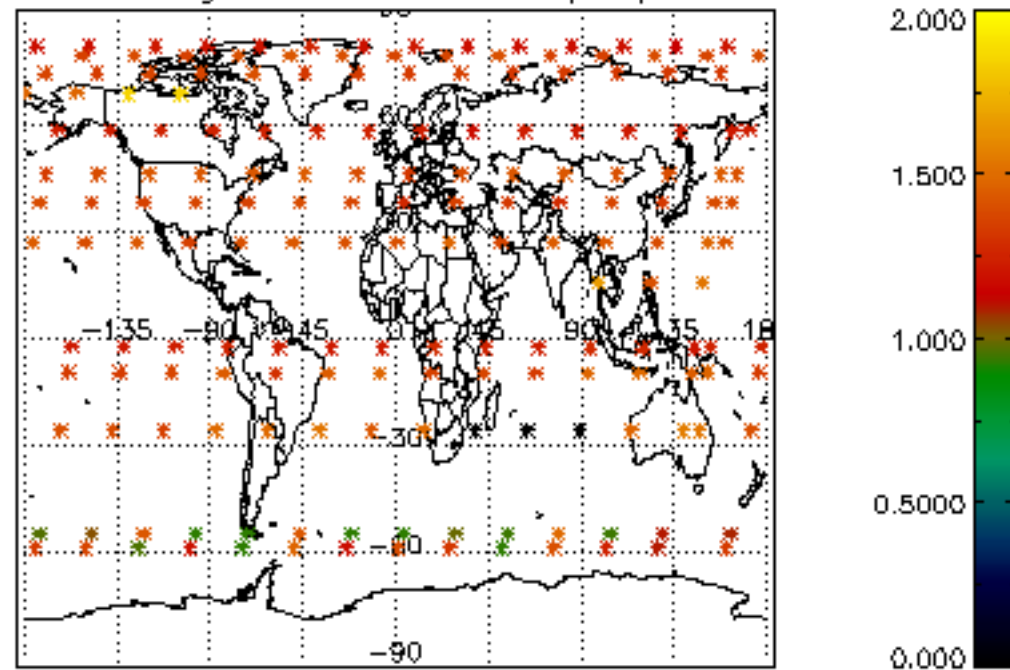
Percentage of saturation errors per profile



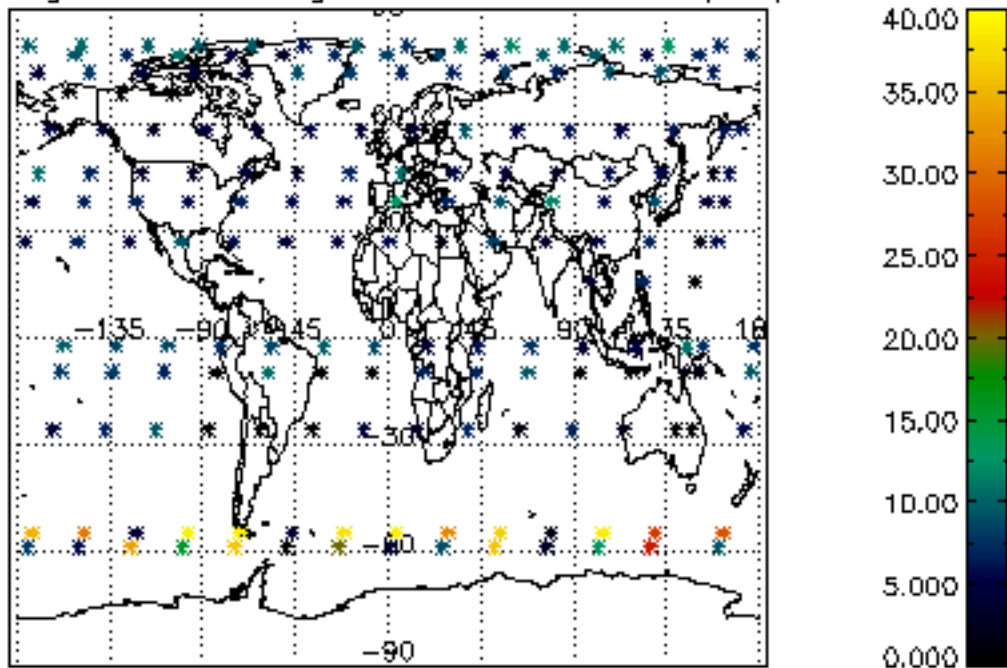
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

