

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	22APR2013 13:21:16
Data source version	GOMOS/6.01
Start time of products	04-02-2007 (04FEB2007 00:00:00)
Stop time of products	05-02-2007 (05FEB2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	253
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__2PRFIN20070204_000115_000000382055_00173_25778_6781.N1	04-FEB-2007 00:01:15	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25778	No
2	GOM_NL__2PRFIN20070204_014541_000000382055_00175_25780_6934.N1	04-FEB-2007 01:45:41	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	25780	No
3	GOM_NL__2PRFIN20070204_015114_000000372055_00175_25780_6935.N1	04-FEB-2007 01:51:14	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25780	No
4	GOM_NL__2PRFIN20070204_015515_000000382055_00175_25780_6936.N1	04-FEB-2007 01:55:15	Dark	37.500	29	Bet Car	1.6720	10200.	75	25780	No
5	GOM_NL__2PRFIN20070204_015741_000000372055_00175_25780_6937.N1	04-FEB-2007 01:57:41	Dark	37.000	71	lot Car	2.2460	7700.0	74	25780	No
6	GOM_NL__2PRFIN20070204_015924_000000382055_00175_25780_6938.N1	04-FEB-2007 01:59:24	Dark	37.500	46	Del Vel	1.9540	10600.	75	25780	No
7	GOM_NL__2PRFIN20070204_020154_000000382055_00175_25780_6939.N1	04-FEB-2007 02:01:54	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	25780	No
8	GOM_NL__2PRFIN20070204_020358_000000372055_00175_25780_6940.N1	04-FEB-2007 02:03:58	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	25780	No
9	GOM_NL__2PRFIN20070204_020519_000000412055_00175_25780_6941.N1	04-FEB-2007 02:05:19	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	25780	No
10	GOM_NL__2PRFIN20070204_020745_000000412055_00175_25780_6942.N1	04-FEB-2007 02:07:45	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25780	No
11	GOM_NL__2PRFIN20070204_020907_000000392055_00175_25780_6943.N1	04-FEB-2007 02:09:07	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	25780	No
12	GOM_NL__2PRFIN20070204_021117_000000442055_00175_25780_6944.N1	04-FEB-2007 02:11:17	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	25780	No
13	GOM_NL__2PRFIN20070204_021753_000000392055_00175_25780_6945.N1	04-FEB-2007 02:17:53	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	25780	No
14	GOM_NL__2PRFIN20070204_022031_000000382055_00175_25780_6946.N1	04-FEB-2007 02:20:31	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	25780	No
15	GOM_NL__2PRFIN20070204_022222_000000382055_00175_25780_6947.N1	04-FEB-2007 02:22:22	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25780	No
16	GOM_NL__2PRFIN20070204_022642_000000352055_00175_25780_6948.N1	04-FEB-2007 02:26:42	Bright	35.000	107	37The Aur	2.6490	11000.	70	25780	No
17	GOM_NL__2PRFIN20070204_022846_000000362055_00175_25780_6949.N1	04-FEB-2007 02:28:46	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25780	No
18	GOM_NL__2PRFIN20070204_024052_000000352055_00175_25780_6950.N1	04-FEB-2007 02:40:52	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25780	No
19	GOM_NL__2PRFIN20070204_024710_000000352055_00175_25780_6951.N1	04-FEB-2007 02:47:10	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	25780	No
20	GOM_NL__2PRFIN20070204_025309_000000342055_00175_25780_6952.N1	04-FEB-2007 02:53:09	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	25780	No
21	GOM_NL__2PRFIN20070204_025534_000000332055_00175_25780_6953.N1	04-FEB-2007 02:55:34	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	25780	No
22	GOM_NL__2PRFIN20070204_030215_000000332055_00175_25780_6954.N1	04-FEB-2007 03:02:15	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25780	No
23	GOM_NL__2PRFIN20070204_031559_000000412055_00175_25780_6955.N1	04-FEB-2007 03:15:59	Twilight	41.000	38	20Eps Sgr	1.8360	11000.	82	25780	No
24	GOM_NL__2PRFIN20070204_031736_000000422055_00175_25780_6956.N1	04-FEB-2007 03:17:36	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	25780	No
25	GOM_NL__2PRFIN20070204_031902_000000402055_00175_25780_6957.N1	04-FEB-2007 03:19:02	Dark	39.500	40	The Sco	1.8590	7100.0	79	25780	No
26	GOM_NL__2PRFIN20070204_032055_000000352055_00175_25780_6958.N1	04-FEB-2007 03:20:55	Dark	35.000	147	Alp Ara	2.8770	26000.	70	25780	No
27	GOM_NL__2PRFIN20070204_032227_000000442055_00175_25780_6959.N1	04-FEB-2007 03:22:27	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	25780	No
28	GOM_NL__2PRFIN20070204_032617_000000452055_00176_25781_6945.N1	04-FEB-2007 03:26:17	Dark	45.000	43	Alp TrA	1.9100	4250.0	90	25781	No
29	GOM_NL__2PRFIN20070204_033151_000000372055_00176_25781_6946.N1	04-FEB-2007 03:31:51	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25781	No
30	GOM_NL__2PRFIN20070204_033552_000000372055_00176_25781_6947.N1	04-FEB-2007 03:35:52	Dark	37.000	29	Bet Car	1.6720	10200.	74	25781	No
31	GOM_NL__2PRFIN20070204_033817_000000372055_00176_25781_6948.N1	04-FEB-2007 03:38:17	Dark	37.000	71	lot Car	2.2460	7700.0	74	25781	No
32	GOM_NL__2PRFIN20070204_034000_000000432055_00176_25781_6949.N1	04-FEB-2007 03:40:00	Dark	43.000	46	Del Vel	1.9540	10600.	86	25781	No
33	GOM_NL__2PRFIN20070204_034230_000000422055_00176_25781_6950.N1	04-FEB-2007 03:42:30	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	25781	No
34	GOM_NL__2PRFIN20070204_034435_000000402055_00176_25781_6951.N1	04-FEB-2007 03:44:35	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25781	No
35	GOM_NL__2PRFIN20070204_034555_000000422055_00176_25781_6952.N1	04-FEB-2007 03:45:55	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	25781	No
36	GOM_NL__2PRFIN20070204_034821_000000402055_00176_25781_6953.N1	04-FEB-2007 03:48:21	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25781	No
37	GOM_NL__2PRFIN20070204_034944_000000372055_00176_25781_6954.N1	04-FEB-2007 03:49:44	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	25781	No
38	GOM_NL__2PRFIN20070204_035154_000000452055_00176_25781_6955.N1	04-FEB-2007 03:51:54	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	25781	No
39	GOM_NL__2PRFIN20070204_035829_000000372055_00176_25781_6956.N1	04-FEB-2007 03:58:29	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	25781	No
40	GOM_NL__2PRFIN20070204_040107_000000372055_00176_25781_6957.N1	04-FEB-2007 04:01:07	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	25781	No
41	GOM_NL__2PRFIN20070204_040259_000000402055_00176_25781_6958.N1	04-FEB-2007 04:02:59	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	25781	No
42	GOM_NL__2PRFIN20070204_040718_000000362055_00176_25781_6959.N1	04-FEB-2007 04:07:18	Bright	35.500	107	37The Aur	2.6490	11000.	71	25781	No

43	GOM_NL__2PRFIN20070204_040922_000000422055_00176_25781_6960.N1	04-FEB-2007 04:09:22	Bright	42.000	42	34Bet Aur	1.9000	10200.	84	25781	No
44	GOM_NL__2PRFIN20070204_042128_000000332055_00176_25781_6961.N1	04-FEB-2007 04:21:28	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	25781	No
45	GOM_NL__2PRFIN20070204_042746_000000482055_00176_25781_6962.N1	04-FEB-2007 04:27:46	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	25781	No
46	GOM_NL__2PRFIN20070204_043346_000000322055_00176_25781_6963.N1	04-FEB-2007 04:33:46	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	25781	No
47	GOM_NL__2PRFIN20070204_043610_000000372055_00176_25781_6964.N1	04-FEB-2007 04:36:10	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	25781	No
48	GOM_NL__2PRFIN20070204_045524_000000422055_00176_25781_6965.N1	04-FEB-2007 04:55:24	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	25781	No
49	GOM_NL__2PRFIN20070204_045636_000000402055_00176_25781_6966.N1	04-FEB-2007 04:56:36	Twilight	40.000	38	20Eps Sgr	1.8360	11000.	80	25781	No
50	GOM_NL__2PRFIN20070204_045813_000000392055_00176_25781_6967.N1	04-FEB-2007 04:58:13	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	25781	No
51	GOM_NL__2PRFIN20070204_045939_000000402055_00176_25781_6968.N1	04-FEB-2007 04:59:39	Dark	40.000	40	The Sco	1.8590	7100.0	80	25781	No
52	GOM_NL__2PRFIN20070204_050131_000000402055_00176_25781_6969.N1	04-FEB-2007 05:01:31	Dark	40.000	147	Alp Ara	2.8770	26000.	80	25781	No
53	GOM_NL__2PRFIN20070204_050303_000000352055_00176_25781_6970.N1	04-FEB-2007 05:03:03	Dark	35.000	141	Bet Ara	2.8400	4600.0	70	25781	No
54	GOM_NL__2PRFIN20070204_114918_000000392055_00181_25786_7053.N1	04-FEB-2007 11:49:18	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	25786	No
55	GOM_NL__2PRFIN20070204_115452_000000362055_00181_25786_7054.N1	04-FEB-2007 11:54:52	Dark	36.000	112	Alp Mus	2.6880	26000.	72	25786	No
56	GOM_NL__2PRFIN20070204_115852_000000372055_00181_25786_7055.N1	04-FEB-2007 11:58:52	Dark	36.500	29	Bet Car	1.6720	10200.	73	25786	No
57	GOM_NL__2PRFIN20070204_120118_000000372055_00181_25786_7056.N1	04-FEB-2007 12:01:18	Dark	36.500	71	lot Car	2.2460	7700.0	73	25786	No
58	GOM_NL__2PRFIN20070204_120301_000000402055_00181_25786_7057.N1	04-FEB-2007 12:03:01	Dark	40.000	46	Del Vel	1.9540	10600.	80	25786	No
59	GOM_NL__2PRFIN20070204_120531_000000392055_00181_25786_7058.N1	04-FEB-2007 12:05:31	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	25786	No
60	GOM_NL__2PRFIN20070204_120735_000000382055_00181_25786_7059.N1	04-FEB-2007 12:07:35	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25786	No
61	GOM_NL__2PRFIN20070204_120855_000000432055_00181_25786_7060.N1	04-FEB-2007 12:08:55	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	25786	No
62	GOM_NL__2PRFIN20070204_121121_000000422055_00181_25786_7061.N1	04-FEB-2007 12:11:21	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	25786	No
63	GOM_NL__2PRFIN20070204_121244_000000392055_00181_25786_7062.N1	04-FEB-2007 12:12:44	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	25786	No
64	GOM_NL__2PRFIN20070204_121454_000000442055_00181_25786_7063.N1	04-FEB-2007 12:14:54	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	25786	No
65	GOM_NL__2PRFIN20070204_122129_000000382055_00181_25786_7064.N1	04-FEB-2007 12:21:29	Tw_and_stray	37.500	153	3Bet CMi	2.8940	13100.	75	25786	No
66	GOM_NL__2PRFIN20070204_122407_000000362055_00181_25786_7065.N1	04-FEB-2007 12:24:07	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25786	No
67	GOM_NL__2PRFIN20070204_122559_000000382055_00181_25786_7066.N1	04-FEB-2007 12:25:59	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25786	No
68	GOM_NL__2PRFIN20070204_123020_000000362055_00181_25786_7067.N1	04-FEB-2007 12:30:20	Bright	35.500	107	37The Aur	2.6490	11000.	71	25786	No
69	GOM_NL__2PRFIN20070204_123223_000000352055_00181_25786_7068.N1	04-FEB-2007 12:32:23	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25786	No
70	GOM_NL__2PRFIN20070204_124428_000000362055_00181_25786_7069.N1	04-FEB-2007 12:44:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25786	No
71	GOM_NL__2PRFIN20070204_125047_000000362055_00181_25786_7070.N1	04-FEB-2007 12:50:47	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25786	No
72	GOM_NL__2PRFIN20070204_125646_000000342055_00181_25786_7071.N1	04-FEB-2007 12:56:46	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	25786	No
73	GOM_NL__2PRFIN20070204_125910_000000382055_00181_25786_7072.N1	04-FEB-2007 12:59:10	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	25786	No
74	GOM_NL__2PRFIN20070204_130552_000000332055_00181_25786_7073.N1	04-FEB-2007 13:05:52	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25786	No
75	GOM_NL__2PRFIN20070204_131825_000000412055_00181_25786_7074.N1	04-FEB-2007 13:18:25	Twilight	41.000	116	19Del Sgr	2.7000	4100.0	82	25786	No
76	GOM_NL__2PRFIN20070204_131936_000000392055_00181_25786_7075.N1	04-FEB-2007 13:19:36	Twilight	38.500	38	20Eps Sgr	1.8360	11000.	77	25786	No
77	GOM_NL__2PRFIN20070204_132114_000000412055_00181_25786_7076.N1	04-FEB-2007 13:21:14	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25786	No
78	GOM_NL__2PRFIN20070204_132240_000000392055_00181_25786_7077.N1	04-FEB-2007 13:22:40	Dark	39.000	40	The Sco	1.8590	7100.0	78	25786	No
79	GOM_NL__2PRFIN20070204_132432_000000362055_00181_25786_7078.N1	04-FEB-2007 13:24:32	Dark	35.500	147	Alp Ara	2.8770	26000.	71	25786	No
80	GOM_NL__2PRFIN20070204_132604_000000382055_00181_25786_7079.N1	04-FEB-2007 13:26:04	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25786	No
81	GOM_NL__2PRFIN20070204_132954_000000382055_00182_25787_7069.N1	04-FEB-2007 13:29:54	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	25787	No
82	GOM_NL__2PRFIN20070204_133529_000000372055_00182_25787_7070.N1	04-FEB-2007 13:35:29	Dark	36.500	112	Alp Mus	2.6880	26000.	73	25787	No
83	GOM_NL__2PRFIN20070204_133929_000000402055_00182_25787_7071.N1	04-FEB-2007 13:39:29	Dark	40.000	29	Bet Car	1.6720	10200.	80	25787	No
84	GOM_NL__2PRFIN20070204_134154_000000372055_00182_25787_7072.N1	04-FEB-2007 13:41:54	Dark	37.000	71	lot Car	2.2460	7700.0	74	25787	No
85	GOM_NL__2PRFIN20070204_134338_000000432055_00182_25787_7073.N1	04-FEB-2007 13:43:38	Dark	42.500	46	Del Vel	1.9540	10600.	85	25787	No
86	GOM_NL__2PRFIN20070204_134607_000000382055_00182_25787_7074.N1	04-FEB-2007 13:46:07	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	25787	No
87	GOM_NL__2PRFIN20070204_134812_000000402055_00182_25787_7075.N1	04-FEB-2007 13:48:12	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25787	No
88	GOM_NL__2PRFIN20070204_134931_000000432055_00182_25787_7076.N1	04-FEB-2007 13:49:31	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	25787	No
89	GOM_NL__2PRFIN20070204_135158_000000432055_00182_25787_7077.N1	04-FEB-2007 13:51:58	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	25787	No
90	GOM_NL__2PRFIN20070204_135320_000000382055_00182_25787_7078.N1	04-FEB-2007 13:53:20	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	25787	No
91	GOM_NL__2PRFIN20070204_135530_000000492055_00182_25787_7079.N1	04-FEB-2007 13:55:30	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	25787	No
92	GOM_NL__2PRFIN20070204_140205_000000392055_00182_25787_7080.N1	04-FEB-2007 14:02:05	Tw_and_stray	39.000	153	3Bet CMi	2.8940	13100.	78	25787	No
93	GOM_NL__2PRFIN20070204_140444_000000362055_00182_25787_7081.N1	04-FEB-2007 14:04:44	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25787	No
94	GOM_NL__2PRFIN20070204_140636_000000362055_00182_25787_7082.N1	04-FEB-2007 14:06:36	Bright	36.000	151	13Mu Gem	2.8900	3000.0	72	25787	No
95	GOM_NL__2PRFIN20070204_141056_000000362055_00182_25787_7083.N1	04-FEB-2007 14:10:56	Bright	35.500	107	37The Aur	2.6490	11000.	71	25787	No
96	GOM_NL__2PRFIN20070204_141259_000000352055_00182_25787_7084.N1	04-FEB-2007 14:12:59	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25787	No
97	GOM_NL__2PRFIN20070204_142504_000000362055_00182_25787_7085.N1	04-FEB-2007 14:25:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25787	No
98	GOM_NL__2PRFIN20070204_143123_000000352055_00182_25787_7086.N1	04-FEB-2007 14:31:23	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	25787	No
99	GOM_NL__2PRFIN20070204_143722_000000332055_00182_25787_7087.N1	04-FEB-2007 14:37:22	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	25787	No
100	GOM_NL__2PRFIN20070204_143947_000000362055_00182_25787_7088.N1	04-FEB-2007 14:39:47	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	25787	No
101	GOM_NL__2PRFIN20070204_144628_000000332055_00182_25787_7089.N1	04-FEB-2007 14:46:28	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25787	No

102	GOM_NL__2PRFIN20070204_145901_000000422055_00182_25787_7090.N1	04-FEB-2007 14:59:01	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	25787	No
103	GOM_NL__2PRFIN20070204_150012_000000412055_00182_25787_7091.N1	04-FEB-2007 15:00:12	Twilight	41.000	38	20Eps Sgr	1.8360	11000.	82	25787	No
104	GOM_NL__2PRFIN20070204_150150_000000422055_00182_25787_7092.N1	04-FEB-2007 15:01:50	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	25787	No
105	GOM_NL__2PRFIN20070204_150316_000000422055_00182_25787_7093.N1	04-FEB-2007 15:03:16	Dark	41.500	40	The Sco	1.8590	7100.0	83	25787	No
106	GOM_NL__2PRFIN20070204_150508_000000362055_00182_25787_7094.N1	04-FEB-2007 15:05:08	Dark	36.000	147	Alp Ara	2.8770	26000.	72	25787	No
107	GOM_NL__2PRFIN20070204_150641_000000382055_00182_25787_7095.N1	04-FEB-2007 15:06:41	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	25787	No
108	GOM_NL__2PRFIN20070204_151030_000000362055_00183_25788_7084.N1	04-FEB-2007 15:10:30	Dark	36.000	43	Alp TrA	1.9100	4250.0	72	25788	No
109	GOM_NL__2PRFIN20070204_151605_000000372055_00183_25788_7085.N1	04-FEB-2007 15:16:05	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25788	No
110	GOM_NL__2PRFIN20070204_152005_000000362055_00183_25788_7086.N1	04-FEB-2007 15:20:05	Dark	35.500	29	Bet Car	1.6720	10200.	71	25788	No
111	GOM_NL__2PRFIN20070204_152231_000000422055_00183_25788_7087.N1	04-FEB-2007 15:22:31	Dark	42.000	71	lot Car	2.2460	7700.0	84	25788	No
112	GOM_NL__2PRFIN20070204_152414_000000372055_00183_25788_7088.N1	04-FEB-2007 15:24:14	Dark	36.500	46	Del Vel	1.9540	10600.	73	25788	No
113	GOM_NL__2PRFIN20070204_152643_000000392055_00183_25788_7089.N1	04-FEB-2007 15:26:43	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	25788	No
114	GOM_NL__2PRFIN20070204_152848_000000382055_00183_25788_7090.N1	04-FEB-2007 15:28:48	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25788	No
115	GOM_NL__2PRFIN20070204_153008_000000402055_00183_25788_7091.N1	04-FEB-2007 15:30:08	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	25788	No
116	GOM_NL__2PRFIN20070204_153234_000000412055_00183_25788_7092.N1	04-FEB-2007 15:32:34	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25788	No
117	GOM_NL__2PRFIN20070204_153357_000000392055_00183_25788_7093.N1	04-FEB-2007 15:33:57	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25788	No
118	GOM_NL__2PRFIN20070204_153606_000000462055_00183_25788_7094.N1	04-FEB-2007 15:36:06	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	25788	No
119	GOM_NL__2PRFIN20070204_154146_000000382055_00183_25788_7095.N1	04-FEB-2007 15:41:46	Twilight	38.000	8	10Alp CMi	0.40000	6500.0	76	25788	No
120	GOM_NL__2PRFIN20070204_154520_000000362055_00183_25788_7096.N1	04-FEB-2007 15:45:20	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25788	No
121	GOM_NL__2PRFIN20070204_154712_000000382055_00183_25788_7097.N1	04-FEB-2007 15:47:12	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25788	No
122	GOM_NL__2PRFIN20070204_155132_000000352055_00183_25788_7098.N1	04-FEB-2007 15:51:32	Bright	35.000	107	37The Aur	2.6490	11000.	70	25788	No
123	GOM_NL__2PRFIN20070204_155335_000000352055_00183_25788_7099.N1	04-FEB-2007 15:53:35	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25788	No
124	GOM_NL__2PRFIN20070204_160540_000000352055_00183_25788_7100.N1	04-FEB-2007 16:05:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25788	No
125	GOM_NL__2PRFIN20070204_161159_000000362055_00183_25788_7101.N1	04-FEB-2007 16:11:59	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25788	No
126	GOM_NL__2PRFIN20070204_161758_000000342055_00183_25788_7102.N1	04-FEB-2007 16:17:58	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	25788	No
127	GOM_NL__2PRFIN20070204_162023_000000352055_00183_25788_7103.N1	04-FEB-2007 16:20:23	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25788	No
128	GOM_NL__2PRFIN20070204_162704_000000332055_00183_25788_7104.N1	04-FEB-2007 16:27:04	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25788	No
129	GOM_NL__2PRFIN20070204_163937_000000422055_00183_25788_7105.N1	04-FEB-2007 16:39:37	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	25788	No
130	GOM_NL__2PRFIN20070204_164049_000000392055_00183_25788_7106.N1	04-FEB-2007 16:40:49	Twilight	38.500	38	20Eps Sgr	1.8360	11000.	77	25788	No
131	GOM_NL__2PRFIN20070204_164227_000000412055_00183_25788_7107.N1	04-FEB-2007 16:42:27	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25788	No
132	GOM_NL__2PRFIN20070204_164353_000000402055_00183_25788_7108.N1	04-FEB-2007 16:43:53	Dark	39.500	40	The Sco	1.8590	7100.0	79	25788	No
133	GOM_NL__2PRFIN20070204_164544_000000382055_00183_25788_7109.N1	04-FEB-2007 16:45:44	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25788	No
134	GOM_NL__2PRFIN20070204_164717_000000402055_00183_25788_7110.N1	04-FEB-2007 16:47:17	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	25788	No
135	GOM_NL__2PRFIN20070204_165107_000000372055_00184_25789_7088.N1	04-FEB-2007 16:51:07	Dark	37.000	43	Alp TrA	1.9100	4250.0	74	25789	No
136	GOM_NL__2PRFIN20070204_165641_000000382055_00184_25789_7089.N1	04-FEB-2007 16:56:41	Dark	37.500	112	Alp Mus	2.6880	26000.	75	25789	No
137	GOM_NL__2PRFIN20070204_170041_000000362055_00184_25789_7090.N1	04-FEB-2007 17:00:41	Dark	36.000	29	Bet Car	1.6720	10200.	72	25789	No
138	GOM_NL__2PRFIN20070204_170307_000000392055_00184_25789_7091.N1	04-FEB-2007 17:03:07	Dark	38.500	71	lot Car	2.2460	7700.0	77	25789	No
139	GOM_NL__2PRFIN20070204_170450_000000372055_00184_25789_7092.N1	04-FEB-2007 17:04:50	Dark	37.000	46	Del Vel	1.9540	10600.	74	25789	No
140	GOM_NL__2PRFIN20070204_170719_000000392055_00184_25789_7093.N1	04-FEB-2007 17:07:19	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	25789	No
141	GOM_NL__2PRFIN20070204_170924_000000382055_00184_25789_7094.N1	04-FEB-2007 17:09:24	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	25789	No
142	GOM_NL__2PRFIN20070204_171044_000000412055_00184_25789_7095.N1	04-FEB-2007 17:10:44	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	25789	No
143	GOM_NL__2PRFIN20070204_171310_000000402055_00184_25789_7096.N1	04-FEB-2007 17:13:10	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25789	No
144	GOM_NL__2PRFIN20070204_171433_000000392055_00184_25789_7097.N1	04-FEB-2007 17:14:33	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	25789	No
145	GOM_NL__2PRFIN20070204_171643_000000512055_00184_25789_7098.N1	04-FEB-2007 17:16:43	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	25789	No
146	GOM_NL__2PRFIN20070204_172222_000000382055_00184_25789_7099.N1	04-FEB-2007 17:22:22	Twilight	38.000	8	10Alp CMi	0.40000	6500.0	76	25789	No
147	GOM_NL__2PRFIN20070204_172556_000000372055_00184_25789_7100.N1	04-FEB-2007 17:25:56	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	25789	No
148	GOM_NL__2PRFIN20070204_172748_000000402055_00184_25789_7101.N1	04-FEB-2007 17:27:48	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	25789	No
149	GOM_NL__2PRFIN20070204_173208_000000352055_00184_25789_7102.N1	04-FEB-2007 17:32:08	Bright	35.000	107	37The Aur	2.6490	11000.	70	25789	No
150	GOM_NL__2PRFIN20070204_173411_000000352055_00184_25789_7103.N1	04-FEB-2007 17:34:11	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25789	No
151	GOM_NL__2PRFIN20070204_174616_000000362055_00184_25789_7104.N1	04-FEB-2007 17:46:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25789	No
152	GOM_NL__2PRFIN20070204_175236_000000362055_00184_25789_7105.N1	04-FEB-2007 17:52:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	25789	No
153	GOM_NL__2PRFIN20070204_175834_000000352055_00184_25789_7106.N1	04-FEB-2007 17:58:34	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	25789	No
154	GOM_NL__2PRFIN20070204_180059_000000352055_00184_25789_7107.N1	04-FEB-2007 18:00:59	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25789	No
155	GOM_NL__2PRFIN20070204_180740_000000332055_00184_25789_7108.N1	04-FEB-2007 18:07:40	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25789	No
156	GOM_NL__2PRFIN20070204_182013_000000432055_00184_25789_7109.N1	04-FEB-2007 18:20:13	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	25789	No
157	GOM_NL__2PRFIN20070204_182125_000000372055_00184_25789_7110.N1	04-FEB-2007 18:21:25	Twilight	37.000	38	20Eps Sgr	1.8360	11000.	74	25789	No
158	GOM_NL__2PRFIN20070204_182303_000000412055_00184_25789_7111.N1	04-FEB-2007 18:23:03	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25789	No
159	GOM_NL__2PRFIN20070204_182429_000000392055_00184_25789_7112.N1	04-FEB-2007 18:24:29	Dark	38.500	40	The Sco	1.8590	7100.0	77	25789	No
160	GOM_NL__2PRFIN20070204_182621_000000382055_00184_25789_7113.N1	04-FEB-2007 18:26:21	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25789	No

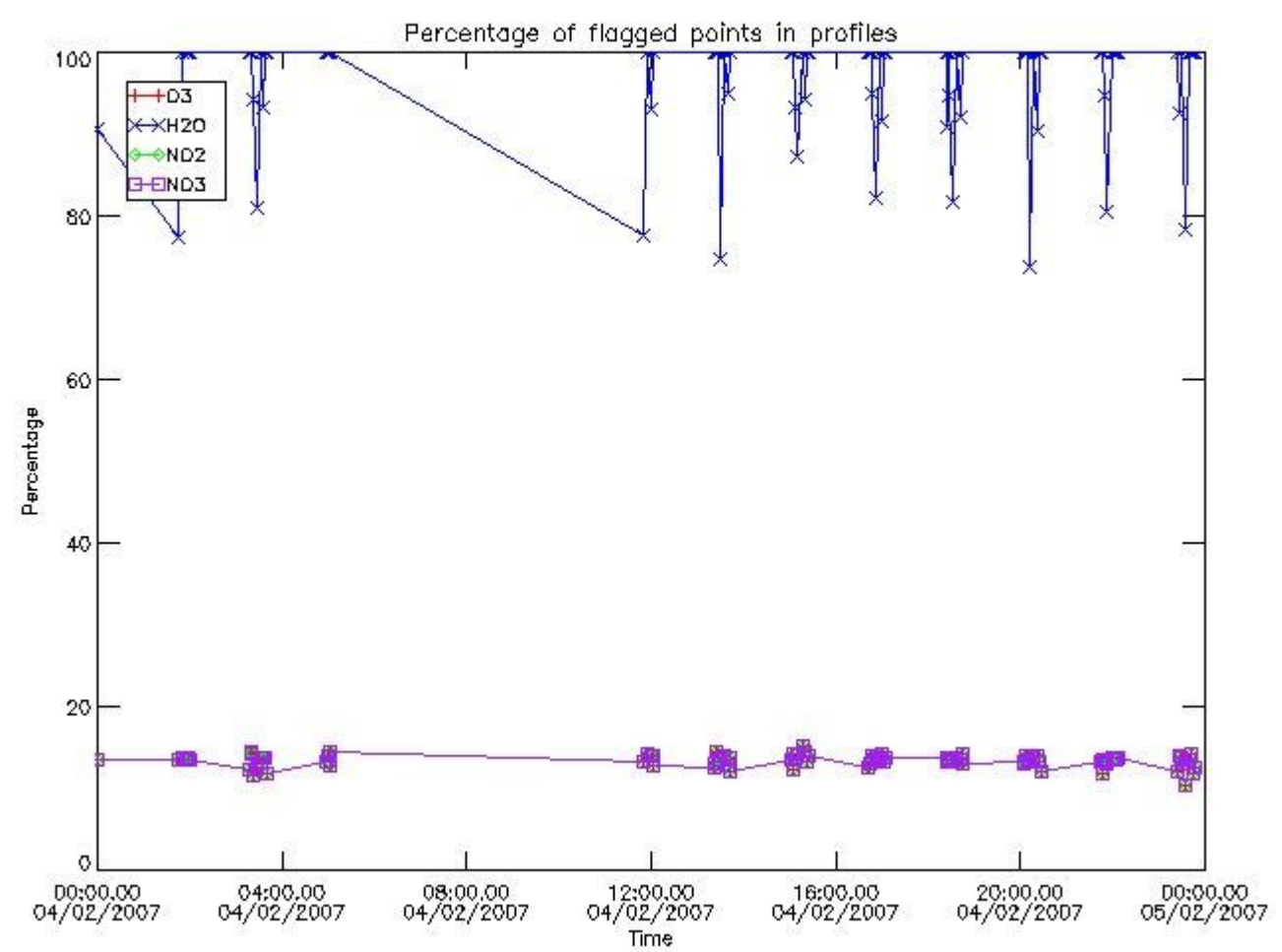
161	GOM_NL__2PRFIN20070204_182753_000000382055_00184_25789_7114.N1	04-FEB-2007 18:27:53	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25789	No
162	GOM_NL__2PRFIN20070204_183143_000000392055_00185_25790_7112.N1	04-FEB-2007 18:31:43	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	25790	No
163	GOM_NL__2PRFIN20070204_183718_000000372055_00185_25790_7113.N1	04-FEB-2007 18:37:18	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25790	No
164	GOM_NL__2PRFIN20070204_184117_000000382055_00185_25790_7114.N1	04-FEB-2007 18:41:17	Dark	38.000	29	Bet Car	1.6720	10200.	76	25790	No
165	GOM_NL__2PRFIN20070204_184343_000000362055_00185_25790_7115.N1	04-FEB-2007 18:43:43	Dark	36.000	71	lot Car	2.2460	7700.0	72	25790	No
166	GOM_NL__2PRFIN20070204_184526_000000392055_00185_25790_7116.N1	04-FEB-2007 18:45:26	Dark	39.000	46	Del Vel	1.9540	10600.	78	25790	No
167	GOM_NL__2PRFIN20070204_184755_000000392055_00185_25790_7117.N1	04-FEB-2007 18:47:55	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	25790	No
168	GOM_NL__2PRFIN20070204_185000_000000372055_00185_25790_7118.N1	04-FEB-2007 18:50:00	Straylight	37.000	70	Zet Pup	2.2460	39000.	74	25790	No
169	GOM_NL__2PRFIN20070204_185120_000000402055_00185_25790_7119.N1	04-FEB-2007 18:51:20	Straylight	40.000	117	Pi Pup	2.7060	3800.0	80	25790	No
170	GOM_NL__2PRFIN20070204_185346_000000402055_00185_25790_7120.N1	04-FEB-2007 18:53:46	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	25790	No
171	GOM_NL__2PRFIN20070204_185509_000000392055_00185_25790_7121.N1	04-FEB-2007 18:55:09	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25790	No
172	GOM_NL__2PRFIN20070204_185719_000000522055_00185_25790_7122.N1	04-FEB-2007 18:57:19	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	25790	No
173	GOM_NL__2PRFIN20070204_190258_000000502055_00185_25790_7123.N1	04-FEB-2007 19:02:58	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	25790	No
174	GOM_NL__2PRFIN20070204_190632_000000362055_00185_25790_7124.N1	04-FEB-2007 19:06:32	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25790	No
175	GOM_NL__2PRFIN20070204_190824_000000382055_00185_25790_7125.N1	04-FEB-2007 19:08:24	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25790	No
176	GOM_NL__2PRFIN20070204_191245_000000352055_00185_25790_7126.N1	04-FEB-2007 19:12:45	Bright	34.500	107	37The Aur	2.6490	11000.	69	25790	No
177	GOM_NL__2PRFIN20070204_191448_000000342055_00185_25790_7127.N1	04-FEB-2007 19:14:48	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	25790	No
178	GOM_NL__2PRFIN20070204_192652_000000362055_00185_25790_7128.N1	04-FEB-2007 19:26:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25790	No
179	GOM_NL__2PRFIN20070204_193312_000000332055_00185_25790_7129.N1	04-FEB-2007 19:33:12	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	25790	No
180	GOM_NL__2PRFIN20070204_193911_000000332055_00185_25790_7130.N1	04-FEB-2007 19:39:11	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	25790	No
181	GOM_NL__2PRFIN20070204_194135_000000342055_00185_25790_7131.N1	04-FEB-2007 19:41:35	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25790	No
182	GOM_NL__2PRFIN20070204_194816_000000332055_00185_25790_7132.N1	04-FEB-2007 19:48:16	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25790	No
183	GOM_NL__2PRFIN20070204_200050_000000422055_00185_25790_7133.N1	04-FEB-2007 20:00:50	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	25790	No
184	GOM_NL__2PRFIN20070204_200201_000000392055_00185_25790_7134.N1	04-FEB-2007 20:02:01	Twilight	39.000	38	20Eps Sgr	1.8360	11000.	78	25790	No
185	GOM_NL__2PRFIN20070204_200340_000000392055_00185_25790_7135.N1	04-FEB-2007 20:03:40	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	25790	No
186	GOM_NL__2PRFIN20070204_200505_000000392055_00185_25790_7136.N1	04-FEB-2007 20:05:05	Dark	39.000	40	The Sco	1.8590	7100.0	78	25790	No
187	GOM_NL__2PRFIN20070204_200657_000000372055_00185_25790_7137.N1	04-FEB-2007 20:06:57	Dark	36.500	147	Alp Ara	2.8770	26000.	73	25790	No
188	GOM_NL__2PRFIN20070204_200830_000000382055_00185_25790_7138.N1	04-FEB-2007 20:08:30	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25790	No
189	GOM_NL__2PRFIN20070204_201219_000000392055_00186_25791_7127.N1	04-FEB-2007 20:12:19	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	25791	No
190	GOM_NL__2PRFIN20070204_201754_000000372055_00186_25791_7128.N1	04-FEB-2007 20:17:54	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25791	No
191	GOM_NL__2PRFIN20070204_202153_000000372055_00186_25791_7129.N1	04-FEB-2007 20:21:53	Dark	36.500	29	Bet Car	1.6720	10200.	73	25791	No
192	GOM_NL__2PRFIN20070204_202419_000000392055_00186_25791_7130.N1	04-FEB-2007 20:24:19	Dark	38.500	71	lot Car	2.2460	7700.0	77	25791	No
193	GOM_NL__2PRFIN20070204_202603_000000422055_00186_25791_7131.N1	04-FEB-2007 20:26:03	Dark	42.000	46	Del Vel	1.9540	10600.	84	25791	No
194	GOM_NL__2PRFIN20070204_202832_000000392055_00186_25791_7132.N1	04-FEB-2007 20:28:32	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	25791	No
195	GOM_NL__2PRFIN20070204_203036_000000402055_00186_25791_7133.N1	04-FEB-2007 20:30:36	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	25791	No
196	GOM_NL__2PRFIN20070204_203156_000000392055_00186_25791_7134.N1	04-FEB-2007 20:31:56	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	25791	No
197	GOM_NL__2PRFIN20070204_203422_000000402055_00186_25791_7135.N1	04-FEB-2007 20:34:22	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25791	No
198	GOM_NL__2PRFIN20070204_203545_000000392055_00186_25791_7136.N1	04-FEB-2007 20:35:45	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25791	No
199	GOM_NL__2PRFIN20070204_203755_000000432055_00186_25791_7137.N1	04-FEB-2007 20:37:55	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	25791	No
200	GOM_NL__2PRFIN20070204_204334_000000442055_00186_25791_7138.N1	04-FEB-2007 20:43:34	Twilight	43.500	8	10Alp CMi	0.40000	6500.0	87	25791	No
201	GOM_NL__2PRFIN20070204_204708_000000372055_00186_25791_7139.N1	04-FEB-2007 20:47:08	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25791	No
202	GOM_NL__2PRFIN20070204_204900_000000372055_00186_25791_7140.N1	04-FEB-2007 20:49:00	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	25791	No
203	GOM_NL__2PRFIN20070204_205321_000000362055_00186_25791_7141.N1	04-FEB-2007 20:53:21	Bright	35.500	107	37The Aur	2.6490	11000.	71	25791	No
204	GOM_NL__2PRFIN20070204_205524_000000352055_00186_25791_7142.N1	04-FEB-2007 20:55:24	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25791	No
205	GOM_NL__2PRFIN20070204_210728_000000362055_00186_25791_7143.N1	04-FEB-2007 21:07:28	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25791	No
206	GOM_NL__2PRFIN20070204_211348_000000322055_00186_25791_7144.N1	04-FEB-2007 21:13:48	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	25791	No
207	GOM_NL__2PRFIN20070204_211947_000000522055_00186_25791_7145.N1	04-FEB-2007 21:19:47	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	25791	No
208	GOM_NL__2PRFIN20070204_212211_000000472055_00186_25791_7146.N1	04-FEB-2007 21:22:11	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	25791	No
209	GOM_NL__2PRFIN20070204_212852_000000322055_00186_25791_7147.N1	04-FEB-2007 21:28:52	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	25791	No
210	GOM_NL__2PRFIN20070204_214126_000000382055_00186_25791_7148.N1	04-FEB-2007 21:41:26	Twilight	37.500	116	19Del Sgr	2.7000	4100.0	75	25791	No
211	GOM_NL__2PRFIN20070204_214237_000000392055_00186_25791_7149.N1	04-FEB-2007 21:42:37	Twilight	38.500	38	20Eps Sgr	1.8360	11000.	77	25791	No
212	GOM_NL__2PRFIN20070204_214416_000000422055_00186_25791_7150.N1	04-FEB-2007 21:44:16	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	25791	No
213	GOM_NL__2PRFIN20070204_214542_000000432055_00186_25791_7151.N1	04-FEB-2007 21:45:42	Dark	43.000	40	The Sco	1.8590	7100.0	86	25791	No
214	GOM_NL__2PRFIN20070204_214733_000000382055_00186_25791_7152.N1	04-FEB-2007 21:47:33	Dark	37.500	147	Alp Ara	2.8770	26000.	75	25791	No
215	GOM_NL__2PRFIN20070204_214906_000000392055_00186_25791_7153.N1	04-FEB-2007 21:49:06	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	25791	No
216	GOM_NL__2PRFIN20070204_215255_000000392055_00187_25792_7139.N1	04-FEB-2007 21:52:55	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	25792	No
217	GOM_NL__2PRFIN20070204_215830_000000372055_00187_25792_7140.N1	04-FEB-2007 21:58:30	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25792	No
218	GOM_NL__2PRFIN20070204_220229_000000372055_00187_25792_7141.N1	04-FEB-2007 22:02:29	Dark	37.000	29	Bet Car	1.6720	10200.	74	25792	No
219	GOM_NL__2PRFIN20070204_220456_000000382055_00187_25792_7142.N1	04-FEB-2007 22:04:56	Dark	37.500	71	lot Car	2.2460	7700.0	75	25792	No

220	GOM_NL__2PRFIN20070204_220639_000000412055_00187_25792_7143.N1	04-FEB-2007 22:06:39	Dark	40.500	46	Del Vel	1.9540	10600.	81	25792	No
221	GOM_NL__2PRFIN20070204_220908_000000402055_00187_25792_7144.N1	04-FEB-2007 22:09:08	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	25792	No
222	GOM_NL__2PRFIN20070204_221112_000000382055_00187_25792_7145.N1	04-FEB-2007 22:11:12	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25792	No
223	GOM_NL__2PRFIN20070204_221232_000000412055_00187_25792_7146.N1	04-FEB-2007 22:12:32	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	25792	No
224	GOM_NL__2PRFIN20070204_221458_000000402055_00187_25792_7147.N1	04-FEB-2007 22:14:58	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25792	No
225	GOM_NL__2PRFIN20070204_221621_000000372055_00187_25792_7148.N1	04-FEB-2007 22:16:21	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25792	No
226	GOM_NL__2PRFIN20070204_221831_000000432055_00187_25792_7149.N1	04-FEB-2007 22:18:31	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25792	No
227	GOM_NL__2PRFIN20070204_222410_000000442055_00187_25792_7150.N1	04-FEB-2007 22:24:10	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	25792	No
228	GOM_NL__2PRFIN20070204_222744_000000362055_00187_25792_7151.N1	04-FEB-2007 22:27:44	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25792	No
229	GOM_NL__2PRFIN20070204_222937_000000382055_00187_25792_7152.N1	04-FEB-2007 22:29:37	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25792	No
230	GOM_NL__2PRFIN20070204_223357_000000352055_00187_25792_7153.N1	04-FEB-2007 22:33:57	Bright	34.500	107	37The Aur	2.6490	11000.	69	25792	No
231	GOM_NL__2PRFIN20070204_223600_000000362055_00187_25792_7154.N1	04-FEB-2007 22:36:00	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	25792	No
232	GOM_NL__2PRFIN20070204_224804_000000332055_00187_25792_7155.N1	04-FEB-2007 22:48:04	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	25792	No
233	GOM_NL__2PRFIN20070204_225424_000000352055_00187_25792_7156.N1	04-FEB-2007 22:54:24	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	25792	No
234	GOM_NL__2PRFIN20070204_230023_000000452055_00187_25792_7157.N1	04-FEB-2007 23:00:23	Bright	44.500	144	18Del Cyg	2.8600	11000.	89	25792	No
235	GOM_NL__2PRFIN20070204_230247_000000342055_00187_25792_7158.N1	04-FEB-2007 23:02:47	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25792	No
236	GOM_NL__2PRFIN20070204_230929_000000322055_00187_25792_7159.N1	04-FEB-2007 23:09:29	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	25792	No
237	GOM_NL__2PRFIN20070204_232202_000000432055_00187_25792_7160.N1	04-FEB-2007 23:22:02	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	25792	No
238	GOM_NL__2PRFIN20070204_232313_000000432055_00187_25792_7161.N1	04-FEB-2007 23:23:13	Twilight	42.500	38	20Eps Sgr	1.8360	11000.	85	25792	No
239	GOM_NL__2PRFIN20070204_232452_000000422055_00187_25792_7162.N1	04-FEB-2007 23:24:52	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	25792	No
240	GOM_NL__2PRFIN20070204_232618_000000402055_00187_25792_7163.N1	04-FEB-2007 23:26:18	Dark	40.000	40	The Sco	1.8590	7100.0	80	25792	No
241	GOM_NL__2PRFIN20070204_232809_000000372055_00187_25792_7164.N1	04-FEB-2007 23:28:09	Dark	37.000	147	Alp Ara	2.8770	26000.	74	25792	No
242	GOM_NL__2PRFIN20070204_232942_000000392055_00187_25792_7165.N1	04-FEB-2007 23:29:42	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	25792	No
243	GOM_NL__2PRFIN20070204_233331_000000492055_00188_25793_7150.N1	04-FEB-2007 23:33:31	Dark	49.000	43	Alp TrA	1.9100	4250.0	98	25793	No
244	GOM_NL__2PRFIN20070204_233907_000000382055_00188_25793_7151.N1	04-FEB-2007 23:39:07	Dark	37.500	112	Alp Mus	2.6880	26000.	75	25793	No
245	GOM_NL__2PRFIN20070204_234305_000000362055_00188_25793_7152.N1	04-FEB-2007 23:43:05	Dark	36.000	29	Bet Car	1.6720	10200.	72	25793	No
246	GOM_NL__2PRFIN20070204_234532_000000432055_00188_25793_7153.N1	04-FEB-2007 23:45:32	Dark	43.000	71	lot Car	2.2460	7700.0	86	25793	No
247	GOM_NL__2PRFIN20070204_234715_000000412055_00188_25793_7154.N1	04-FEB-2007 23:47:15	Dark	40.500	46	Del Vel	1.9540	10600.	81	25793	No
248	GOM_NL__2PRFIN20070204_234944_000000382055_00188_25793_7155.N1	04-FEB-2007 23:49:44	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	25793	No
249	GOM_NL__2PRFIN20070204_235148_000000372055_00188_25793_7156.N1	04-FEB-2007 23:51:48	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	25793	No
250	GOM_NL__2PRFIN20070204_235308_000000392055_00188_25793_7157.N1	04-FEB-2007 23:53:08	Straylight	38.500	117	Pi Pup	2.7060	3800.0	77	25793	No
251	GOM_NL__2PRFIN20070204_235534_000000392055_00188_25793_7158.N1	04-FEB-2007 23:55:34	Straylight	38.500	23	21Eps CMa	1.5020	26000.	77	25793	No
252	GOM_NL__2PRFIN20070204_235657_000000382055_00188_25793_7159.N1	04-FEB-2007 23:56:57	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	25793	No
253	GOM_NL__2PRFIN20070204_235907_000000432055_00188_25793_7160.N1	04-FEB-2007 23:59:07	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25793	No

3. Quality information per product

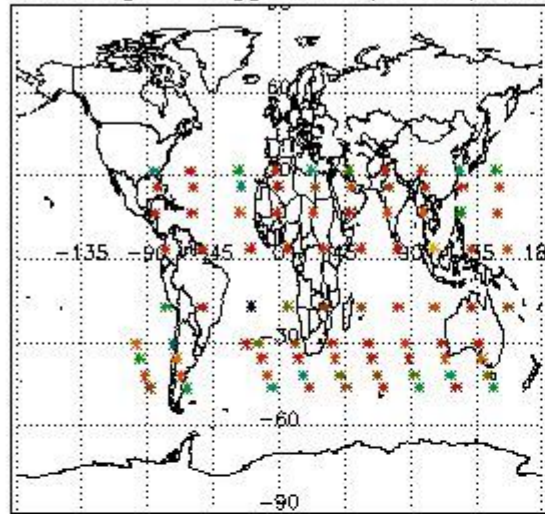
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

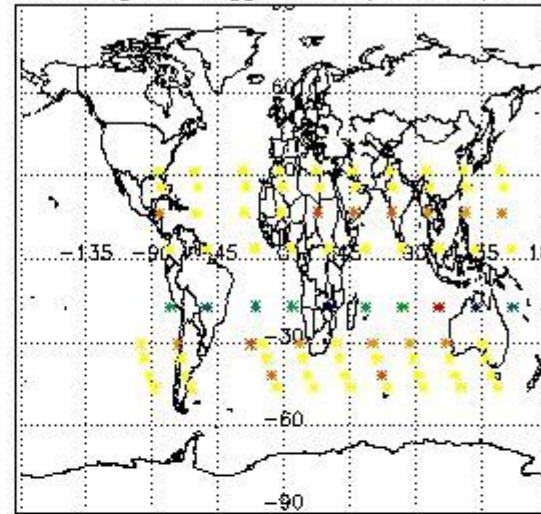


3.2 Plot quality information per product (world map)

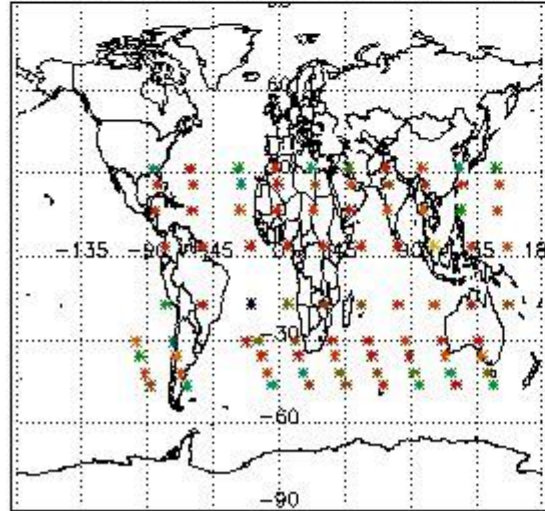
Percentage of flagged data per O3 profile



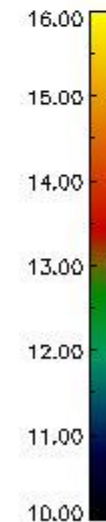
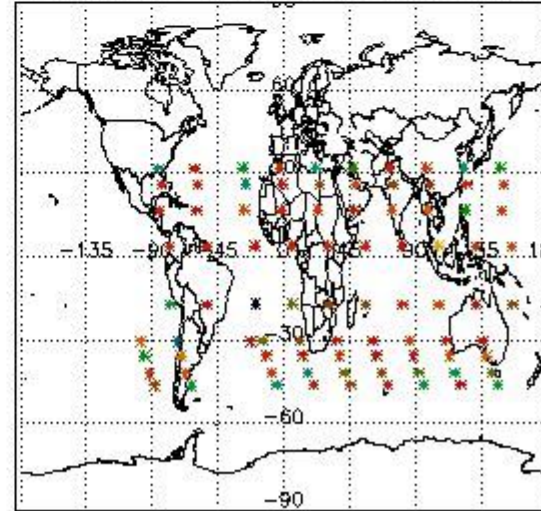
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

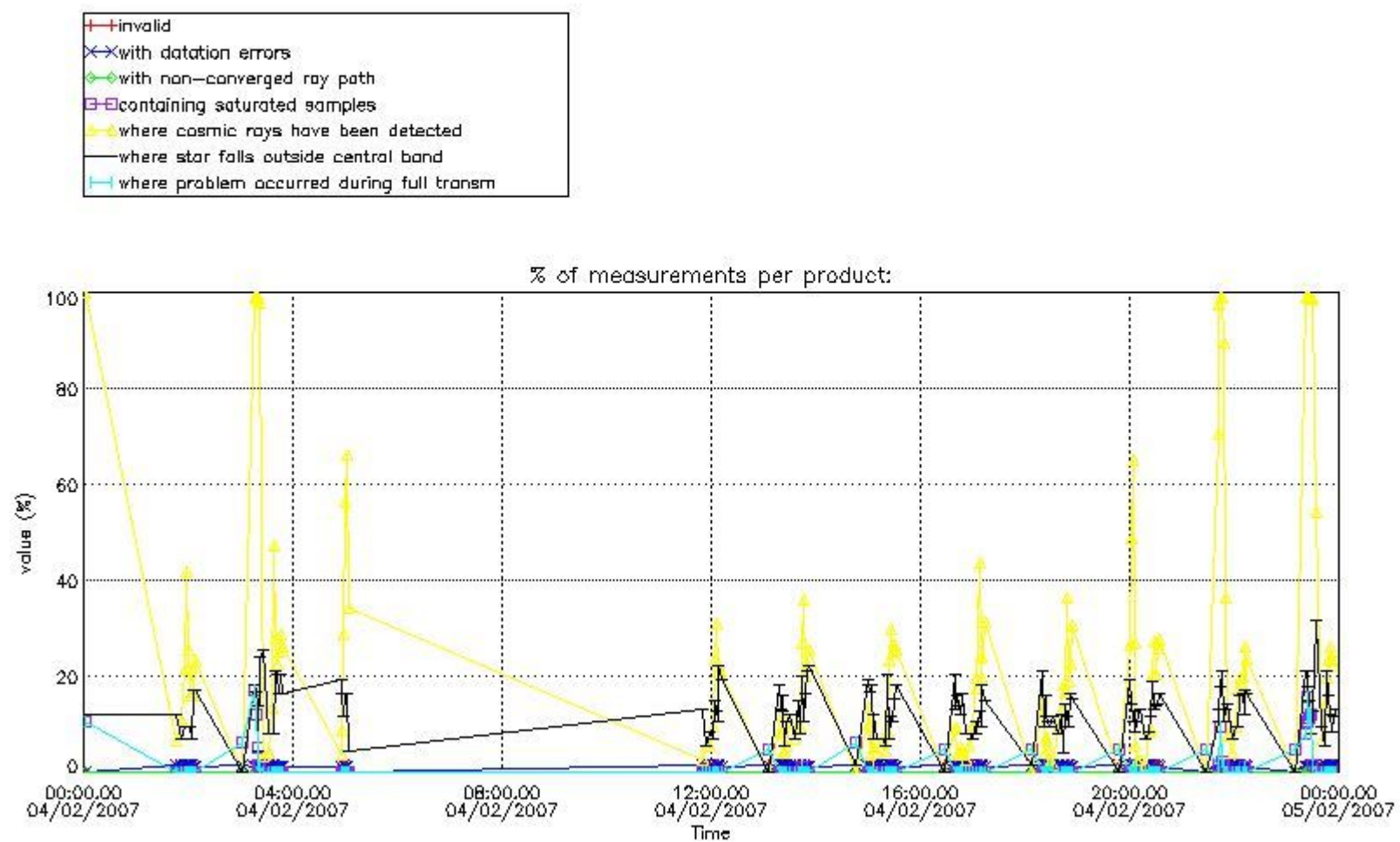


4. Level 1 quality information per product

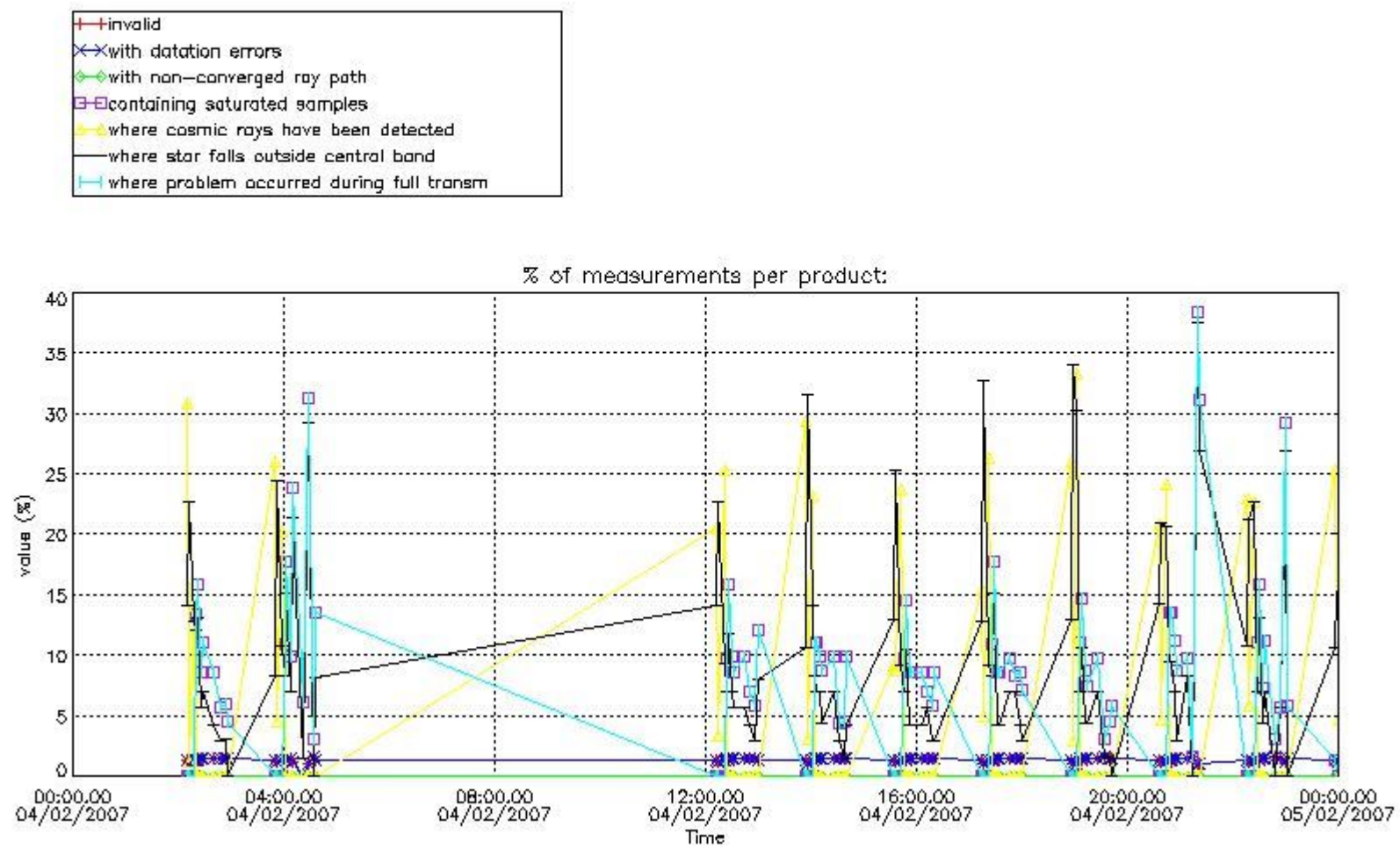
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



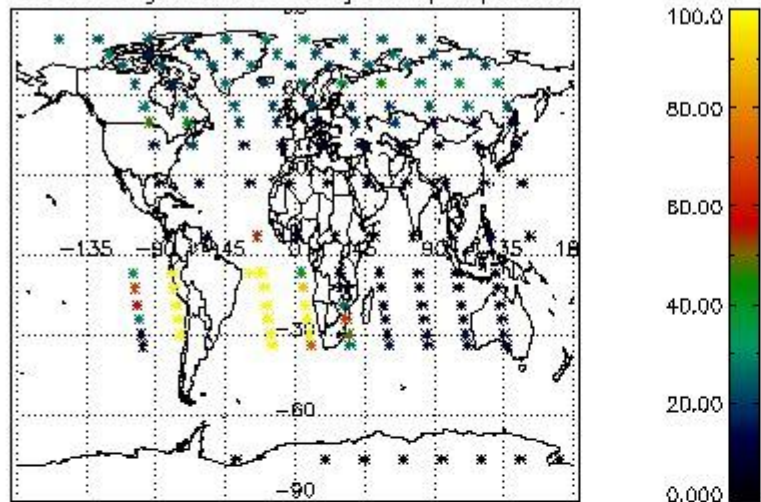
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



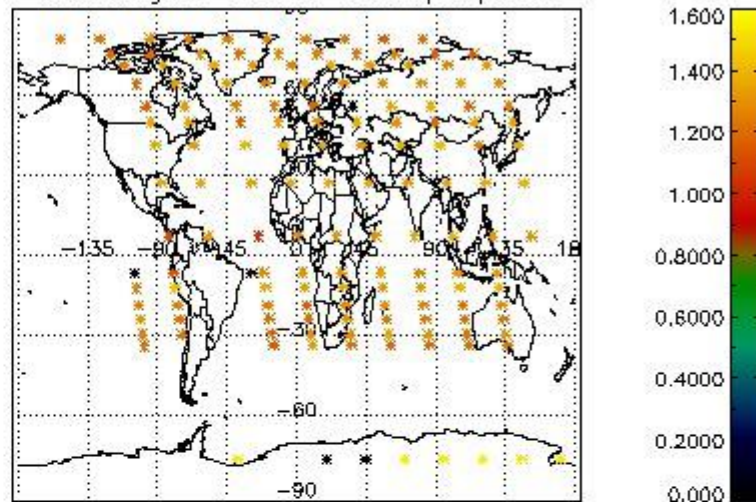
4.2 Plot quality information per product coming from level 1b processing (world map)

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

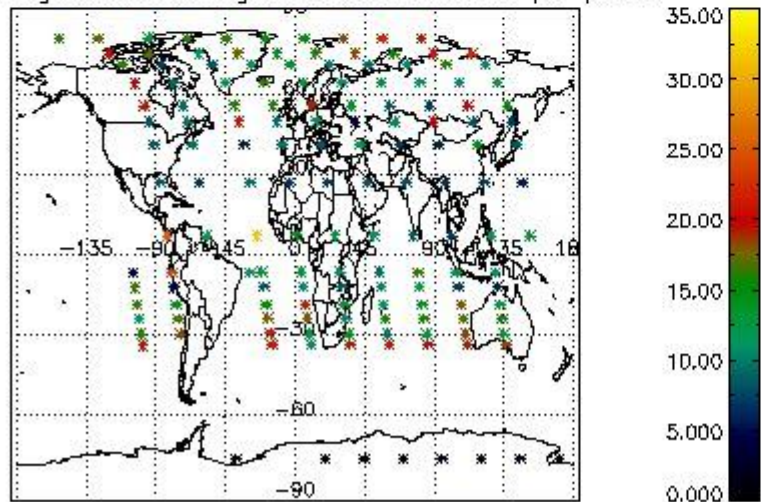
Percentage of cosmic ray hits per profile



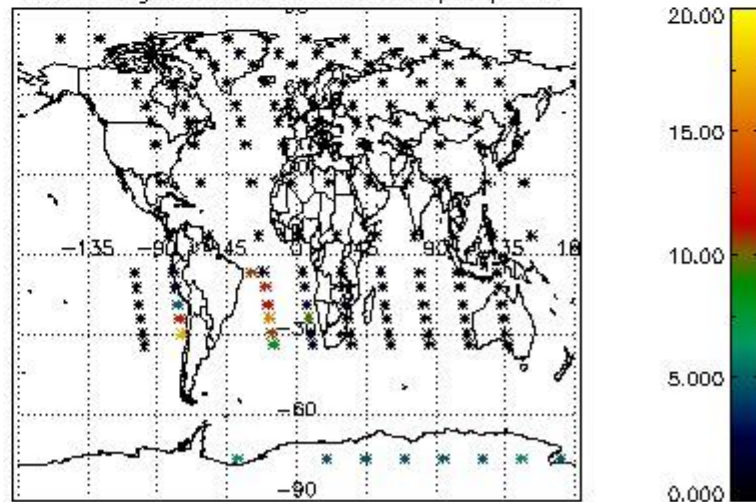
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

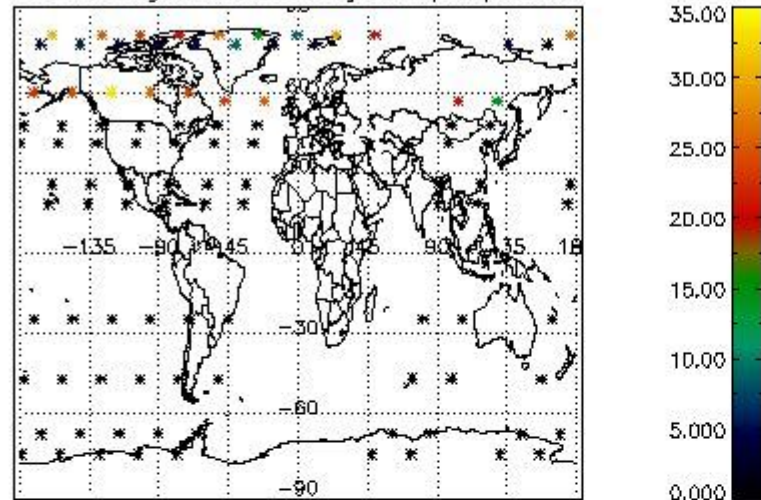


Percentage of saturation errors per profile

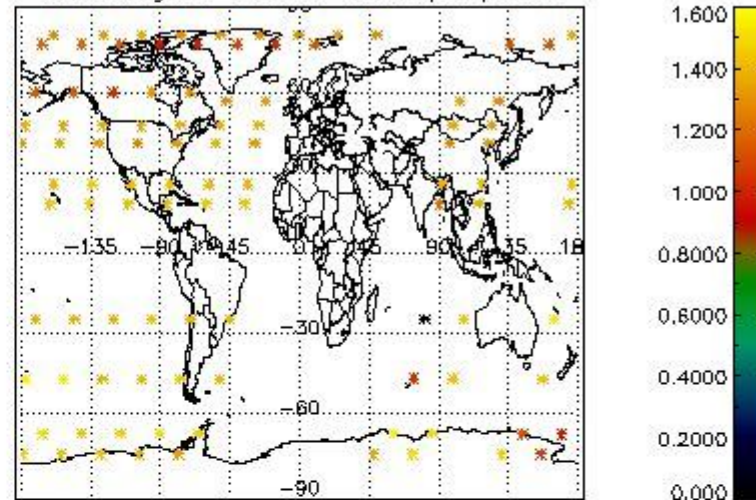


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

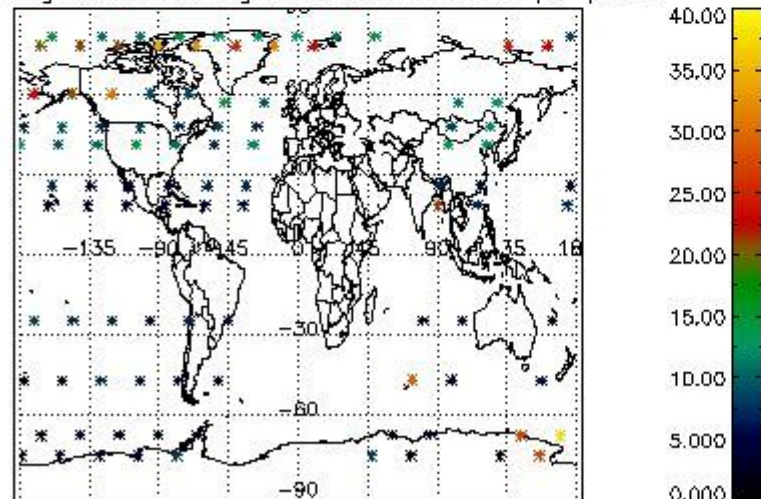
Percentage of cosmic ray hits per profile



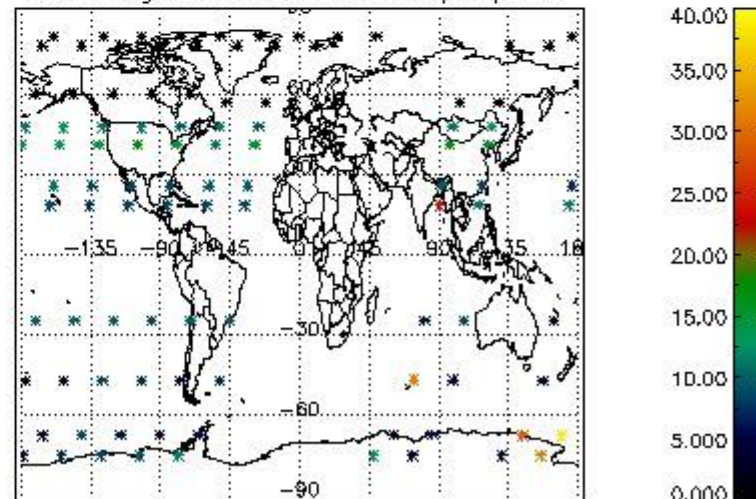
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

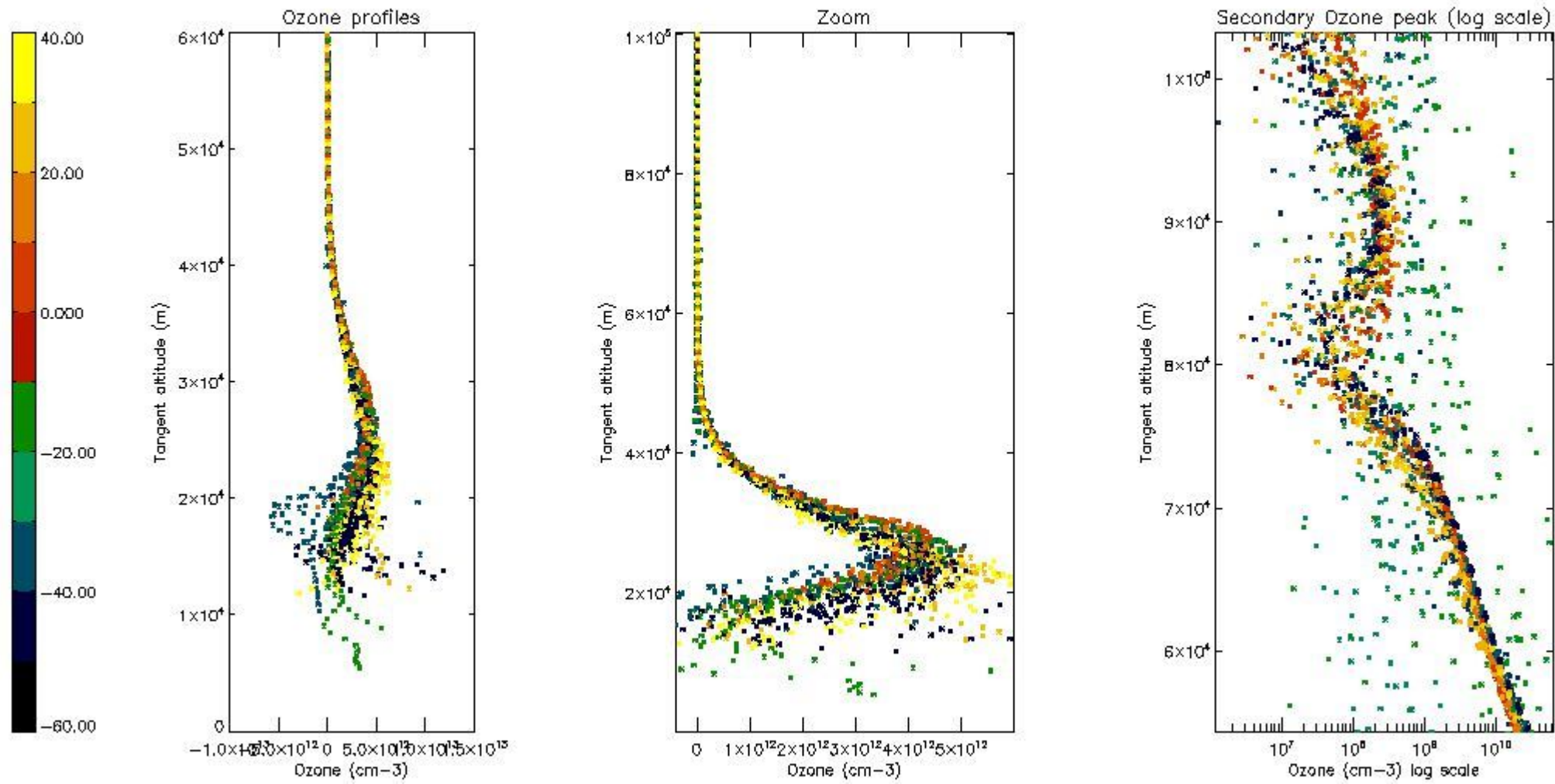
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	18

STD < 10	14
STD < 5	8

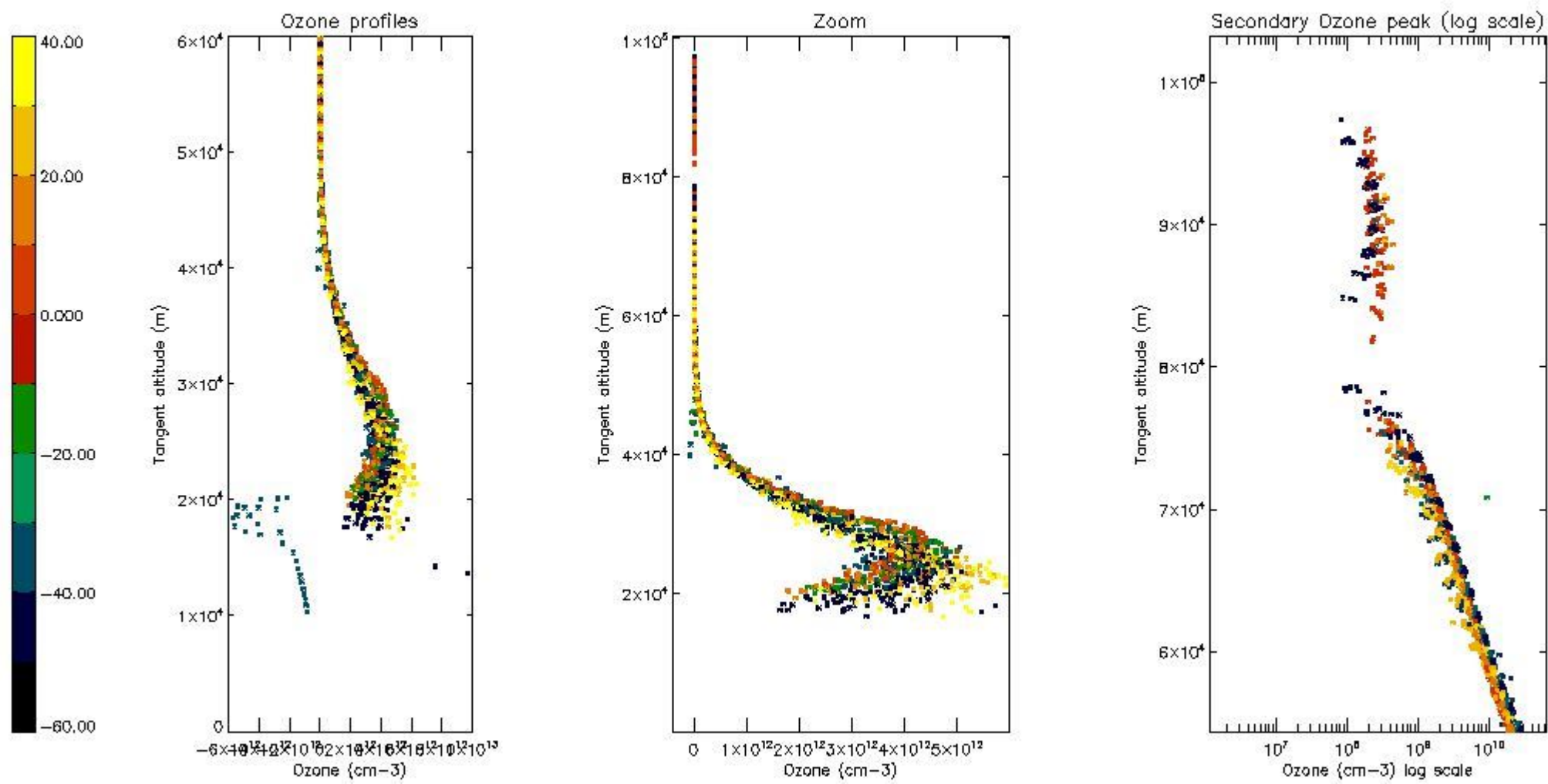
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



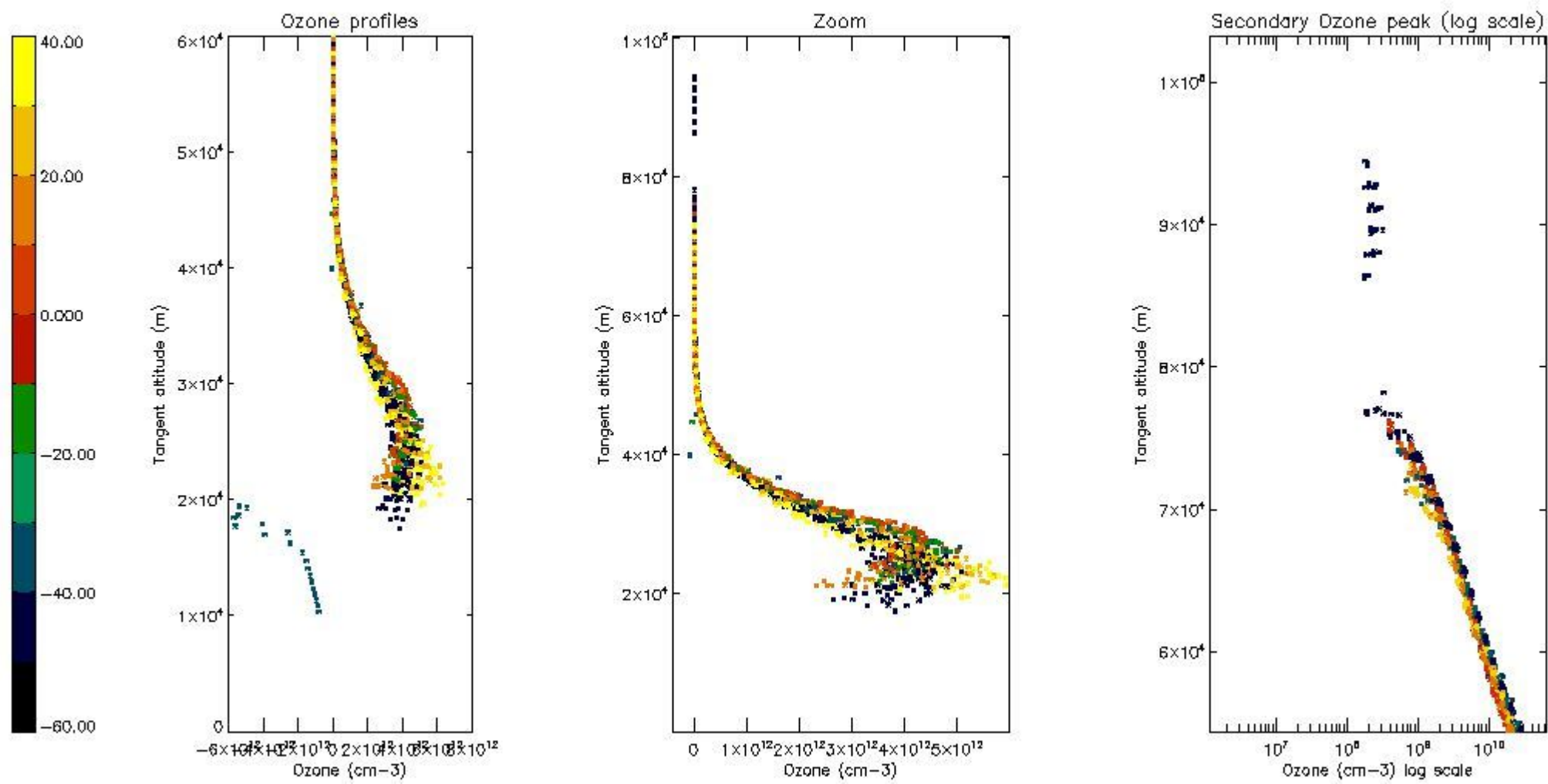
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



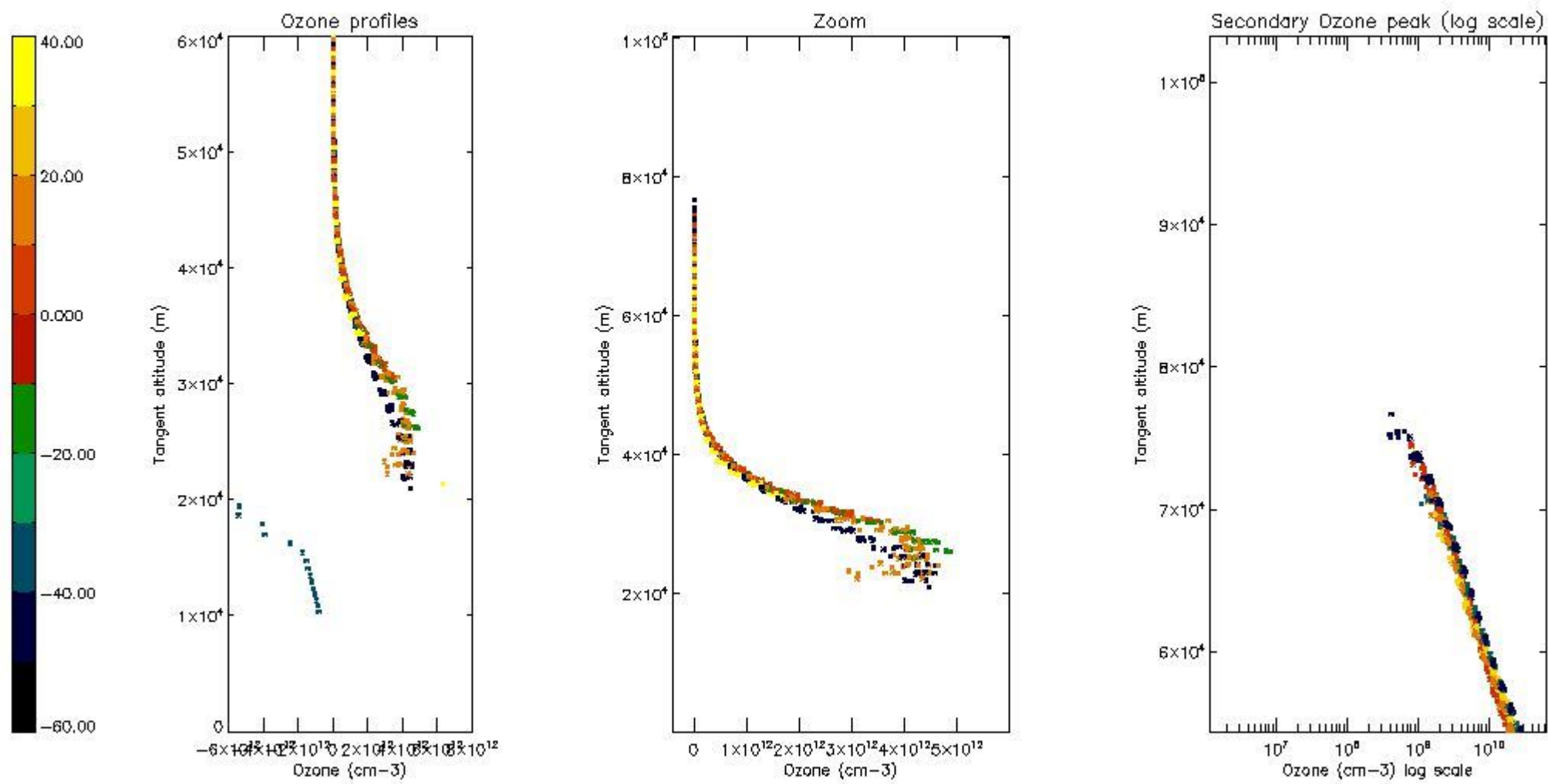
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



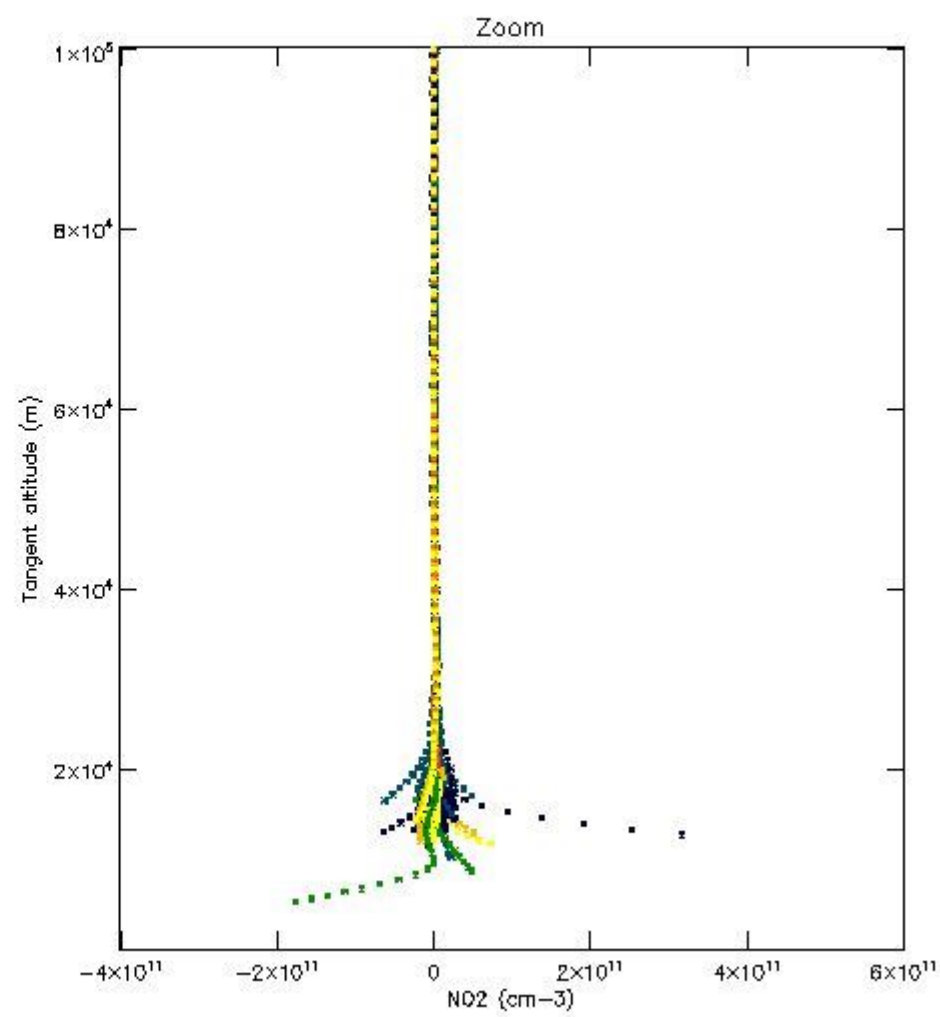
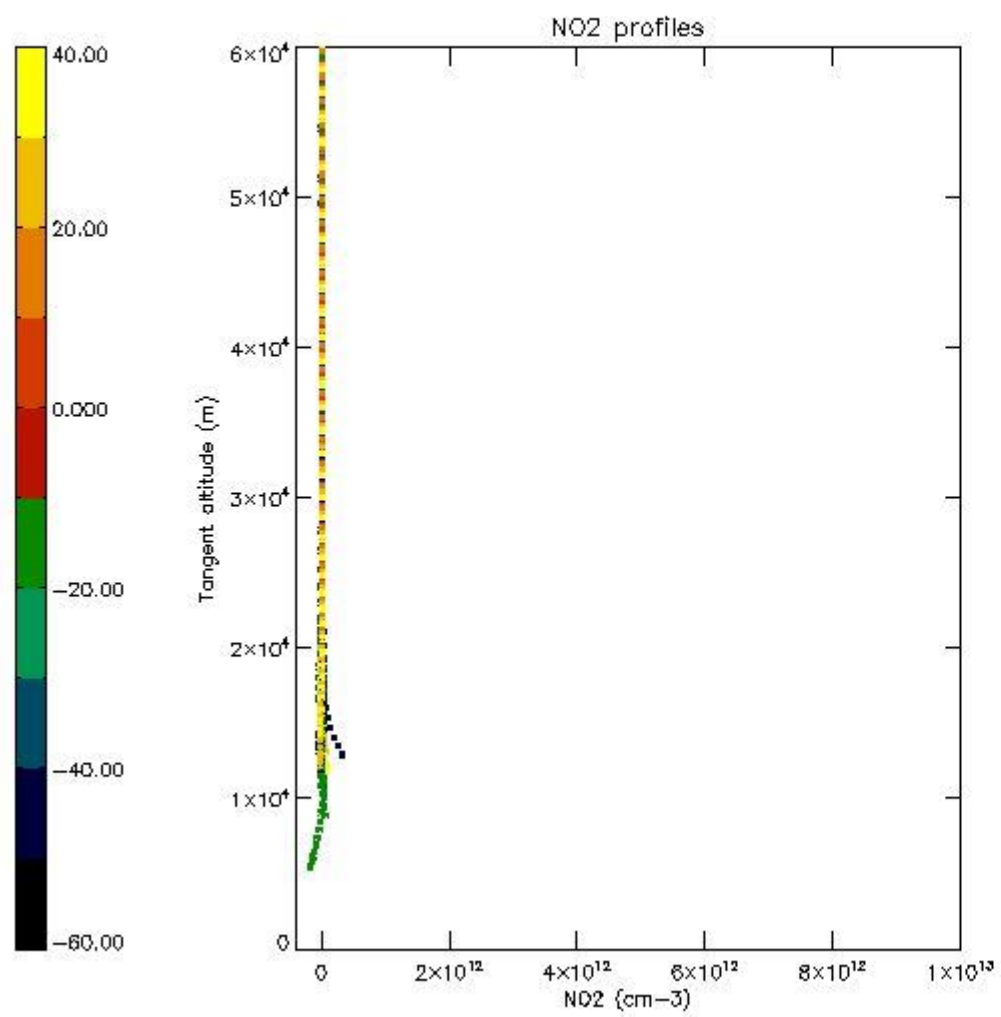
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



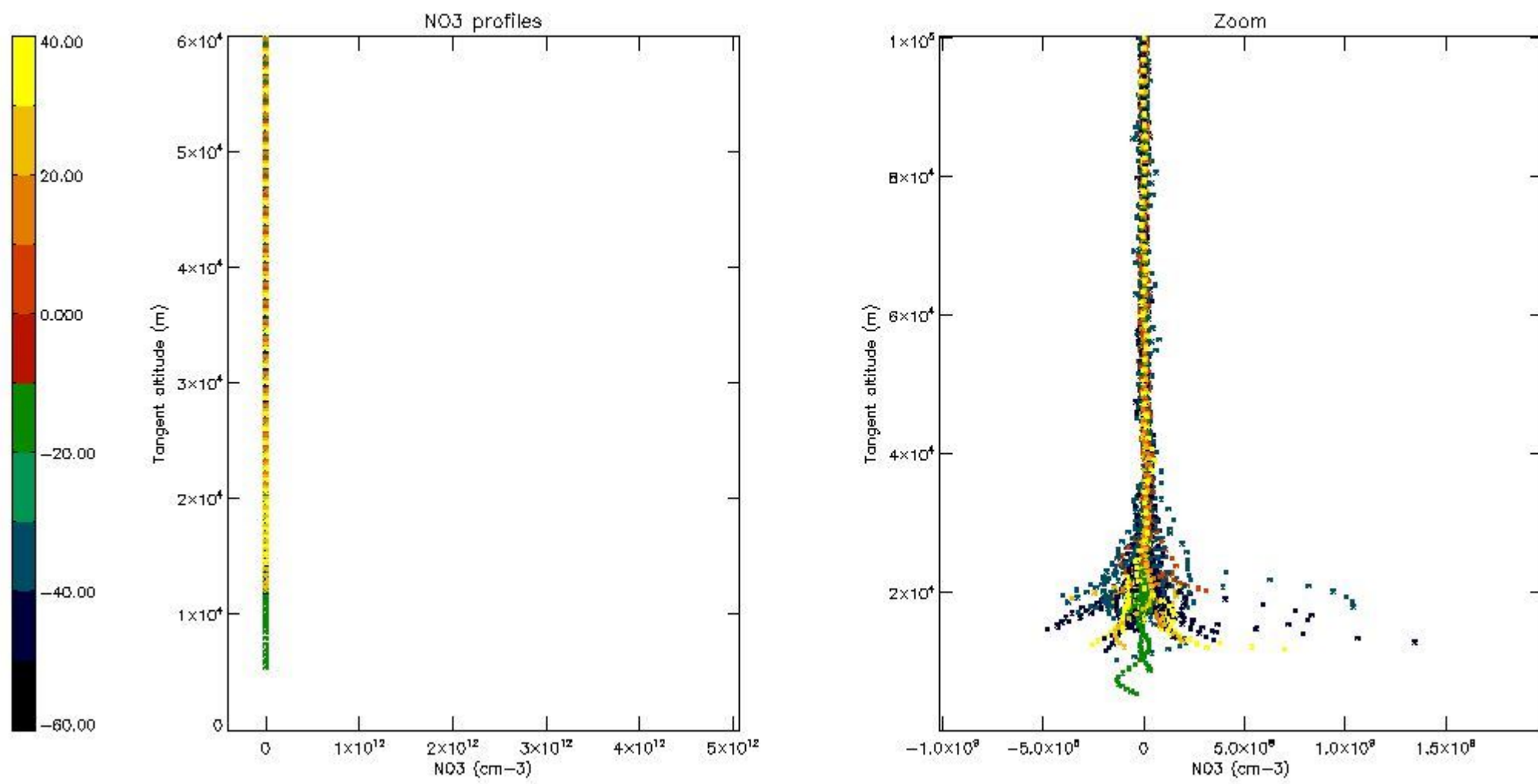
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



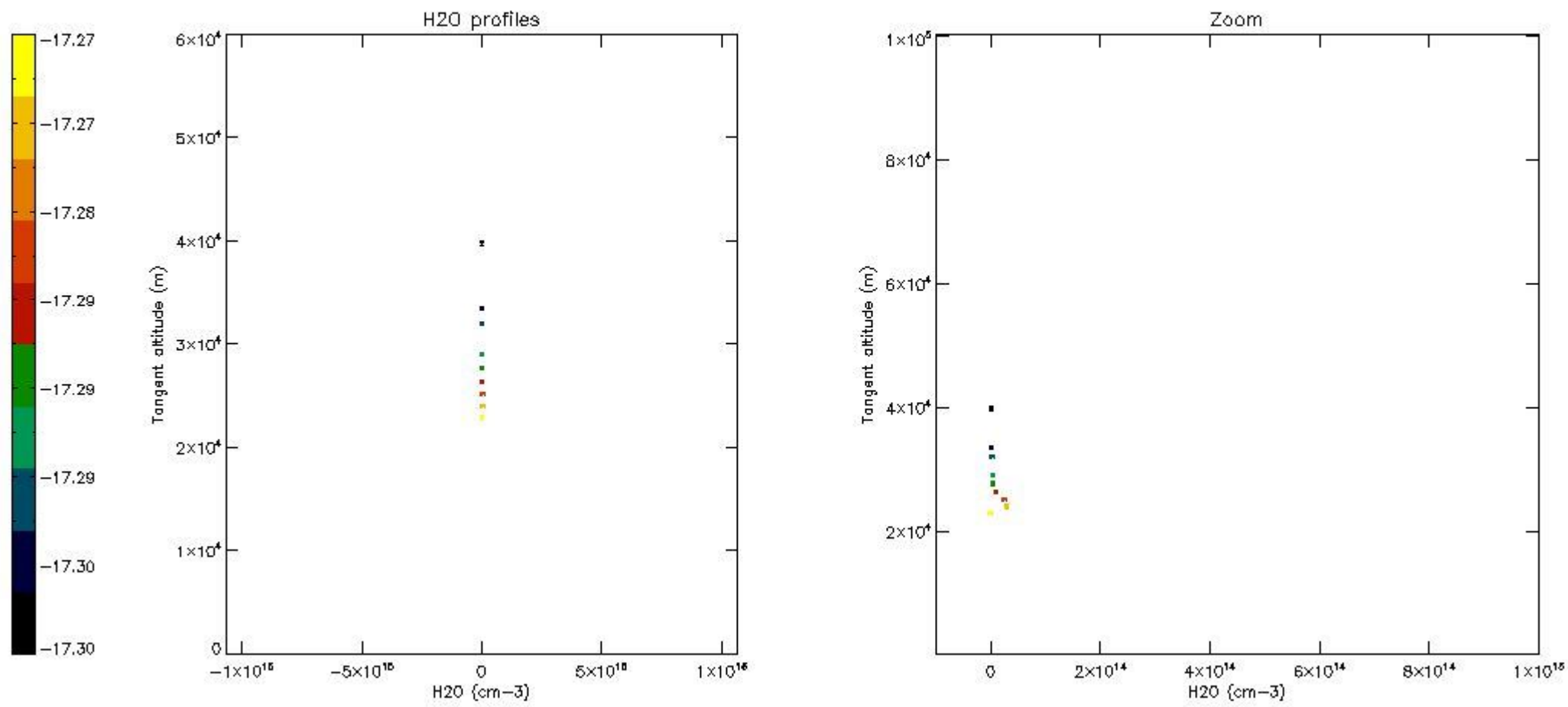
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-FEB-2007 00:01:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-FEB-2007 00:01:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-FEB-2007 00:01:15

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 13:21:16
Data source version	GOMOS/6.01
Start time of products	04-02-2007 (04FEB2007 00:00:00)
Stop time of products	05-02-2007 (05FEB2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	253
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__2PRFIN20070204_000115_000000382055_00173_25778_6781.N1	04-FEB-2007 00:01:15	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25778	No
2	GOM_NL__2PRFIN20070204_014541_000000382055_00175_25780_6934.N1	04-FEB-2007 01:45:41	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	25780	No
3	GOM_NL__2PRFIN20070204_015114_000000372055_00175_25780_6935.N1	04-FEB-2007 01:51:14	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25780	No
4	GOM_NL__2PRFIN20070204_015515_000000382055_00175_25780_6936.N1	04-FEB-2007 01:55:15	Dark	37.500	29	Bet Car	1.6720	10200.	75	25780	No
5	GOM_NL__2PRFIN20070204_015741_000000372055_00175_25780_6937.N1	04-FEB-2007 01:57:41	Dark	37.000	71	lot Car	2.2460	7700.0	74	25780	No
6	GOM_NL__2PRFIN20070204_015924_000000382055_00175_25780_6938.N1	04-FEB-2007 01:59:24	Dark	37.500	46	Del Vel	1.9540	10600.	75	25780	No
7	GOM_NL__2PRFIN20070204_020154_000000382055_00175_25780_6939.N1	04-FEB-2007 02:01:54	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	25780	No
8	GOM_NL__2PRFIN20070204_020358_000000372055_00175_25780_6940.N1	04-FEB-2007 02:03:58	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	25780	No
9	GOM_NL__2PRFIN20070204_020519_000000412055_00175_25780_6941.N1	04-FEB-2007 02:05:19	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	25780	No
10	GOM_NL__2PRFIN20070204_020745_000000412055_00175_25780_6942.N1	04-FEB-2007 02:07:45	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25780	No
11	GOM_NL__2PRFIN20070204_020907_000000392055_00175_25780_6943.N1	04-FEB-2007 02:09:07	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	25780	No
12	GOM_NL__2PRFIN20070204_021117_000000442055_00175_25780_6944.N1	04-FEB-2007 02:11:17	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	25780	No
13	GOM_NL__2PRFIN20070204_021753_000000392055_00175_25780_6945.N1	04-FEB-2007 02:17:53	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	25780	No
14	GOM_NL__2PRFIN20070204_022031_000000382055_00175_25780_6946.N1	04-FEB-2007 02:20:31	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	25780	No
15	GOM_NL__2PRFIN20070204_022222_000000382055_00175_25780_6947.N1	04-FEB-2007 02:22:22	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25780	No
16	GOM_NL__2PRFIN20070204_022642_000000352055_00175_25780_6948.N1	04-FEB-2007 02:26:42	Bright	35.000	107	37The Aur	2.6490	11000.	70	25780	No
17	GOM_NL__2PRFIN20070204_022846_000000362055_00175_25780_6949.N1	04-FEB-2007 02:28:46	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25780	No
18	GOM_NL__2PRFIN20070204_024052_000000352055_00175_25780_6950.N1	04-FEB-2007 02:40:52	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25780	No
19	GOM_NL__2PRFIN20070204_024710_000000352055_00175_25780_6951.N1	04-FEB-2007 02:47:10	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	25780	No
20	GOM_NL__2PRFIN20070204_025309_000000342055_00175_25780_6952.N1	04-FEB-2007 02:53:09	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	25780	No
21	GOM_NL__2PRFIN20070204_025534_000000332055_00175_25780_6953.N1	04-FEB-2007 02:55:34	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	25780	No
22	GOM_NL__2PRFIN20070204_030215_000000332055_00175_25780_6954.N1	04-FEB-2007 03:02:15	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25780	No
23	GOM_NL__2PRFIN20070204_031559_000000412055_00175_25780_6955.N1	04-FEB-2007 03:15:59	Twilight	41.000	38	20Eps Sgr	1.8360	11000.	82	25780	No
24	GOM_NL__2PRFIN20070204_031736_000000422055_00175_25780_6956.N1	04-FEB-2007 03:17:36	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	25780	No
25	GOM_NL__2PRFIN20070204_031902_000000402055_00175_25780_6957.N1	04-FEB-2007 03:19:02	Dark	39.500	40	The Sco	1.8590	7100.0	79	25780	No
26	GOM_NL__2PRFIN20070204_032055_000000352055_00175_25780_6958.N1	04-FEB-2007 03:20:55	Dark	35.000	147	Alp Ara	2.8770	26000.	70	25780	No
27	GOM_NL__2PRFIN20070204_032227_000000442055_00175_25780_6959.N1	04-FEB-2007 03:22:27	Dark	44.000	141	Bet Ara	2.8400	4600.0	88	25780	No
28	GOM_NL__2PRFIN20070204_032617_000000452055_00176_25781_6945.N1	04-FEB-2007 03:26:17	Dark	45.000	43	Alp TrA	1.9100	4250.0	90	25781	No
29	GOM_NL__2PRFIN20070204_033151_000000372055_00176_25781_6946.N1	04-FEB-2007 03:31:51	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25781	No
30	GOM_NL__2PRFIN20070204_033552_000000372055_00176_25781_6947.N1	04-FEB-2007 03:35:52	Dark	37.000	29	Bet Car	1.6720	10200.	74	25781	No
31	GOM_NL__2PRFIN20070204_033817_000000372055_00176_25781_6948.N1	04-FEB-2007 03:38:17	Dark	37.000	71	lot Car	2.2460	7700.0	74	25781	No
32	GOM_NL__2PRFIN20070204_034000_000000432055_00176_25781_6949.N1	04-FEB-2007 03:40:00	Dark	43.000	46	Del Vel	1.9540	10600.	86	25781	No
33	GOM_NL__2PRFIN20070204_034230_000000422055_00176_25781_6950.N1	04-FEB-2007 03:42:30	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	25781	No
34	GOM_NL__2PRFIN20070204_034435_000000402055_00176_25781_6951.N1	04-FEB-2007 03:44:35	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25781	No
35	GOM_NL__2PRFIN20070204_034555_000000422055_00176_25781_6952.N1	04-FEB-2007 03:45:55	Straylight	42.000	117	Pi Pup	2.7060	3800.0	84	25781	No
36	GOM_NL__2PRFIN20070204_034821_000000402055_00176_25781_6953.N1	04-FEB-2007 03:48:21	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25781	No
37	GOM_NL__2PRFIN20070204_034944_000000372055_00176_25781_6954.N1	04-FEB-2007 03:49:44	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	25781	No
38	GOM_NL__2PRFIN20070204_035154_000000452055_00176_25781_6955.N1	04-FEB-2007 03:51:54	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	25781	No
39	GOM_NL__2PRFIN20070204_035829_000000372055_00176_25781_6956.N1	04-FEB-2007 03:58:29	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	25781	No
40	GOM_NL__2PRFIN20070204_040107_000000372055_00176_25781_6957.N1	04-FEB-2007 04:01:07	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	25781	No
41	GOM_NL__2PRFIN20070204_040259_000000402055_00176_25781_6958.N1	04-FEB-2007 04:02:59	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	25781	No
42	GOM_NL__2PRFIN20070204_040718_000000362055_00176_25781_6959.N1	04-FEB-2007 04:07:18	Bright	35.500	107	37The Aur	2.6490	11000.	71	25781	No

43	GOM_NL__2PRFIN20070204_040922_000000422055_00176_25781_6960.N1	04-FEB-2007 04:09:22	Bright	42.000	42	34Bet Aur	1.9000	10200.	84	25781	No
44	GOM_NL__2PRFIN20070204_042128_000000332055_00176_25781_6961.N1	04-FEB-2007 04:21:28	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	25781	No
45	GOM_NL__2PRFIN20070204_042746_000000482055_00176_25781_6962.N1	04-FEB-2007 04:27:46	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	25781	No
46	GOM_NL__2PRFIN20070204_043346_000000322055_00176_25781_6963.N1	04-FEB-2007 04:33:46	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	25781	No
47	GOM_NL__2PRFIN20070204_043610_000000372055_00176_25781_6964.N1	04-FEB-2007 04:36:10	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	25781	No
48	GOM_NL__2PRFIN20070204_045524_000000422055_00176_25781_6965.N1	04-FEB-2007 04:55:24	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	25781	No
49	GOM_NL__2PRFIN20070204_045636_000000402055_00176_25781_6966.N1	04-FEB-2007 04:56:36	Twilight	40.000	38	20Eps Sgr	1.8360	11000.	80	25781	No
50	GOM_NL__2PRFIN20070204_045813_000000392055_00176_25781_6967.N1	04-FEB-2007 04:58:13	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	25781	No
51	GOM_NL__2PRFIN20070204_045939_000000402055_00176_25781_6968.N1	04-FEB-2007 04:59:39	Dark	40.000	40	The Sco	1.8590	7100.0	80	25781	No
52	GOM_NL__2PRFIN20070204_050131_000000402055_00176_25781_6969.N1	04-FEB-2007 05:01:31	Dark	40.000	147	Alp Ara	2.8770	26000.	80	25781	No
53	GOM_NL__2PRFIN20070204_050303_000000352055_00176_25781_6970.N1	04-FEB-2007 05:03:03	Dark	35.000	141	Bet Ara	2.8400	4600.0	70	25781	No
54	GOM_NL__2PRFIN20070204_114918_000000392055_00181_25786_7053.N1	04-FEB-2007 11:49:18	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	25786	No
55	GOM_NL__2PRFIN20070204_115452_000000362055_00181_25786_7054.N1	04-FEB-2007 11:54:52	Dark	36.000	112	Alp Mus	2.6880	26000.	72	25786	No
56	GOM_NL__2PRFIN20070204_115852_000000372055_00181_25786_7055.N1	04-FEB-2007 11:58:52	Dark	36.500	29	Bet Car	1.6720	10200.	73	25786	No
57	GOM_NL__2PRFIN20070204_120118_000000372055_00181_25786_7056.N1	04-FEB-2007 12:01:18	Dark	36.500	71	lot Car	2.2460	7700.0	73	25786	No
58	GOM_NL__2PRFIN20070204_120301_000000402055_00181_25786_7057.N1	04-FEB-2007 12:03:01	Dark	40.000	46	Del Vel	1.9540	10600.	80	25786	No
59	GOM_NL__2PRFIN20070204_120531_000000392055_00181_25786_7058.N1	04-FEB-2007 12:05:31	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	25786	No
60	GOM_NL__2PRFIN20070204_120735_000000382055_00181_25786_7059.N1	04-FEB-2007 12:07:35	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25786	No
61	GOM_NL__2PRFIN20070204_120855_000000432055_00181_25786_7060.N1	04-FEB-2007 12:08:55	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	25786	No
62	GOM_NL__2PRFIN20070204_121121_000000422055_00181_25786_7061.N1	04-FEB-2007 12:11:21	Straylight	41.500	23	21Eps CMa	1.5020	26000.	83	25786	No
63	GOM_NL__2PRFIN20070204_121244_000000392055_00181_25786_7062.N1	04-FEB-2007 12:12:44	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	25786	No
64	GOM_NL__2PRFIN20070204_121454_000000442055_00181_25786_7063.N1	04-FEB-2007 12:14:54	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	25786	No
65	GOM_NL__2PRFIN20070204_122129_000000382055_00181_25786_7064.N1	04-FEB-2007 12:21:29	Tw_and_stray	37.500	153	3Bet CMi	2.8940	13100.	75	25786	No
66	GOM_NL__2PRFIN20070204_122407_000000362055_00181_25786_7065.N1	04-FEB-2007 12:24:07	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25786	No
67	GOM_NL__2PRFIN20070204_122559_000000382055_00181_25786_7066.N1	04-FEB-2007 12:25:59	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25786	No
68	GOM_NL__2PRFIN20070204_123020_000000362055_00181_25786_7067.N1	04-FEB-2007 12:30:20	Bright	35.500	107	37The Aur	2.6490	11000.	71	25786	No
69	GOM_NL__2PRFIN20070204_123223_000000352055_00181_25786_7068.N1	04-FEB-2007 12:32:23	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25786	No
70	GOM_NL__2PRFIN20070204_124428_000000362055_00181_25786_7069.N1	04-FEB-2007 12:44:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25786	No
71	GOM_NL__2PRFIN20070204_125047_000000362055_00181_25786_7070.N1	04-FEB-2007 12:50:47	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25786	No
72	GOM_NL__2PRFIN20070204_125646_000000342055_00181_25786_7071.N1	04-FEB-2007 12:56:46	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	25786	No
73	GOM_NL__2PRFIN20070204_125910_000000382055_00181_25786_7072.N1	04-FEB-2007 12:59:10	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	25786	No
74	GOM_NL__2PRFIN20070204_130552_000000332055_00181_25786_7073.N1	04-FEB-2007 13:05:52	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25786	No
75	GOM_NL__2PRFIN20070204_131825_000000412055_00181_25786_7074.N1	04-FEB-2007 13:18:25	Twilight	41.000	116	19Del Sgr	2.7000	4100.0	82	25786	No
76	GOM_NL__2PRFIN20070204_131936_000000392055_00181_25786_7075.N1	04-FEB-2007 13:19:36	Twilight	38.500	38	20Eps Sgr	1.8360	11000.	77	25786	No
77	GOM_NL__2PRFIN20070204_132114_000000412055_00181_25786_7076.N1	04-FEB-2007 13:21:14	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25786	No
78	GOM_NL__2PRFIN20070204_132240_000000392055_00181_25786_7077.N1	04-FEB-2007 13:22:40	Dark	39.000	40	The Sco	1.8590	7100.0	78	25786	No
79	GOM_NL__2PRFIN20070204_132432_000000362055_00181_25786_7078.N1	04-FEB-2007 13:24:32	Dark	35.500	147	Alp Ara	2.8770	26000.	71	25786	No
80	GOM_NL__2PRFIN20070204_132604_000000382055_00181_25786_7079.N1	04-FEB-2007 13:26:04	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25786	No
81	GOM_NL__2PRFIN20070204_132954_000000382055_00182_25787_7069.N1	04-FEB-2007 13:29:54	Dark	38.000	43	Alp TrA	1.9100	4250.0	76	25787	No
82	GOM_NL__2PRFIN20070204_133529_000000372055_00182_25787_7070.N1	04-FEB-2007 13:35:29	Dark	36.500	112	Alp Mus	2.6880	26000.	73	25787	No
83	GOM_NL__2PRFIN20070204_133929_000000402055_00182_25787_7071.N1	04-FEB-2007 13:39:29	Dark	40.000	29	Bet Car	1.6720	10200.	80	25787	No
84	GOM_NL__2PRFIN20070204_134154_000000372055_00182_25787_7072.N1	04-FEB-2007 13:41:54	Dark	37.000	71	lot Car	2.2460	7700.0	74	25787	No
85	GOM_NL__2PRFIN20070204_134338_000000432055_00182_25787_7073.N1	04-FEB-2007 13:43:38	Dark	42.500	46	Del Vel	1.9540	10600.	85	25787	No
86	GOM_NL__2PRFIN20070204_134607_000000382055_00182_25787_7074.N1	04-FEB-2007 13:46:07	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	25787	No
87	GOM_NL__2PRFIN20070204_134812_000000402055_00182_25787_7075.N1	04-FEB-2007 13:48:12	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25787	No
88	GOM_NL__2PRFIN20070204_134931_000000432055_00182_25787_7076.N1	04-FEB-2007 13:49:31	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	25787	No
89	GOM_NL__2PRFIN20070204_135158_000000432055_00182_25787_7077.N1	04-FEB-2007 13:51:58	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	25787	No
90	GOM_NL__2PRFIN20070204_135320_000000382055_00182_25787_7078.N1	04-FEB-2007 13:53:20	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	25787	No
91	GOM_NL__2PRFIN20070204_135530_000000492055_00182_25787_7079.N1	04-FEB-2007 13:55:30	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	25787	No
92	GOM_NL__2PRFIN20070204_140205_000000392055_00182_25787_7080.N1	04-FEB-2007 14:02:05	Tw_and_stray	39.000	153	3Bet CMi	2.8940	13100.	78	25787	No
93	GOM_NL__2PRFIN20070204_140444_000000362055_00182_25787_7081.N1	04-FEB-2007 14:04:44	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25787	No
94	GOM_NL__2PRFIN20070204_140636_000000362055_00182_25787_7082.N1	04-FEB-2007 14:06:36	Bright	36.000	151	13Mu Gem	2.8900	3000.0	72	25787	No
95	GOM_NL__2PRFIN20070204_141056_000000362055_00182_25787_7083.N1	04-FEB-2007 14:10:56	Bright	35.500	107	37The Aur	2.6490	11000.	71	25787	No
96	GOM_NL__2PRFIN20070204_141259_000000352055_00182_25787_7084.N1	04-FEB-2007 14:12:59	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25787	No
97	GOM_NL__2PRFIN20070204_142504_000000362055_00182_25787_7085.N1	04-FEB-2007 14:25:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25787	No
98	GOM_NL__2PRFIN20070204_143123_000000352055_00182_25787_7086.N1	04-FEB-2007 14:31:23	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	25787	No
99	GOM_NL__2PRFIN20070204_143722_000000332055_00182_25787_7087.N1	04-FEB-2007 14:37:22	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	25787	No
100	GOM_NL__2PRFIN20070204_143947_000000362055_00182_25787_7088.N1	04-FEB-2007 14:39:47	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	25787	No
101	GOM_NL__2PRFIN20070204_144628_000000332055_00182_25787_7089.N1	04-FEB-2007 14:46:28	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25787	No

102	GOM_NL__2PRFIN20070204_145901_000000422055_00182_25787_7090.N1	04-FEB-2007 14:59:01	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	25787	No
103	GOM_NL__2PRFIN20070204_150012_000000412055_00182_25787_7091.N1	04-FEB-2007 15:00:12	Twilight	41.000	38	20Eps Sgr	1.8360	11000.	82	25787	No
104	GOM_NL__2PRFIN20070204_150150_000000422055_00182_25787_7092.N1	04-FEB-2007 15:01:50	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	25787	No
105	GOM_NL__2PRFIN20070204_150316_000000422055_00182_25787_7093.N1	04-FEB-2007 15:03:16	Dark	41.500	40	The Sco	1.8590	7100.0	83	25787	No
106	GOM_NL__2PRFIN20070204_150508_000000362055_00182_25787_7094.N1	04-FEB-2007 15:05:08	Dark	36.000	147	Alp Ara	2.8770	26000.	72	25787	No
107	GOM_NL__2PRFIN20070204_150641_000000382055_00182_25787_7095.N1	04-FEB-2007 15:06:41	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	25787	No
108	GOM_NL__2PRFIN20070204_151030_000000362055_00183_25788_7084.N1	04-FEB-2007 15:10:30	Dark	36.000	43	Alp TrA	1.9100	4250.0	72	25788	No
109	GOM_NL__2PRFIN20070204_151605_000000372055_00183_25788_7085.N1	04-FEB-2007 15:16:05	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25788	No
110	GOM_NL__2PRFIN20070204_152005_000000362055_00183_25788_7086.N1	04-FEB-2007 15:20:05	Dark	35.500	29	Bet Car	1.6720	10200.	71	25788	No
111	GOM_NL__2PRFIN20070204_152231_000000422055_00183_25788_7087.N1	04-FEB-2007 15:22:31	Dark	42.000	71	lot Car	2.2460	7700.0	84	25788	No
112	GOM_NL__2PRFIN20070204_152414_000000372055_00183_25788_7088.N1	04-FEB-2007 15:24:14	Dark	36.500	46	Del Vel	1.9540	10600.	73	25788	No
113	GOM_NL__2PRFIN20070204_152643_000000392055_00183_25788_7089.N1	04-FEB-2007 15:26:43	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	25788	No
114	GOM_NL__2PRFIN20070204_152848_000000382055_00183_25788_7090.N1	04-FEB-2007 15:28:48	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25788	No
115	GOM_NL__2PRFIN20070204_153008_000000402055_00183_25788_7091.N1	04-FEB-2007 15:30:08	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	25788	No
116	GOM_NL__2PRFIN20070204_153234_000000412055_00183_25788_7092.N1	04-FEB-2007 15:32:34	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25788	No
117	GOM_NL__2PRFIN20070204_153357_000000392055_00183_25788_7093.N1	04-FEB-2007 15:33:57	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25788	No
118	GOM_NL__2PRFIN20070204_153606_000000462055_00183_25788_7094.N1	04-FEB-2007 15:36:06	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	25788	No
119	GOM_NL__2PRFIN20070204_154146_000000382055_00183_25788_7095.N1	04-FEB-2007 15:41:46	Tw_i_and_stray	38.000	8	10Alp CMi	0.40000	6500.0	76	25788	No
120	GOM_NL__2PRFIN20070204_154520_000000362055_00183_25788_7096.N1	04-FEB-2007 15:45:20	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25788	No
121	GOM_NL__2PRFIN20070204_154712_000000382055_00183_25788_7097.N1	04-FEB-2007 15:47:12	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25788	No
122	GOM_NL__2PRFIN20070204_155132_000000352055_00183_25788_7098.N1	04-FEB-2007 15:51:32	Bright	35.000	107	37The Aur	2.6490	11000.	70	25788	No
123	GOM_NL__2PRFIN20070204_155335_000000352055_00183_25788_7099.N1	04-FEB-2007 15:53:35	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25788	No
124	GOM_NL__2PRFIN20070204_160540_000000352055_00183_25788_7100.N1	04-FEB-2007 16:05:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25788	No
125	GOM_NL__2PRFIN20070204_161159_000000362055_00183_25788_7101.N1	04-FEB-2007 16:11:59	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	25788	No
126	GOM_NL__2PRFIN20070204_161758_000000342055_00183_25788_7102.N1	04-FEB-2007 16:17:58	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	25788	No
127	GOM_NL__2PRFIN20070204_162023_000000352055_00183_25788_7103.N1	04-FEB-2007 16:20:23	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25788	No
128	GOM_NL__2PRFIN20070204_162704_000000332055_00183_25788_7104.N1	04-FEB-2007 16:27:04	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25788	No
129	GOM_NL__2PRFIN20070204_163937_000000422055_00183_25788_7105.N1	04-FEB-2007 16:39:37	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	25788	No
130	GOM_NL__2PRFIN20070204_164049_000000392055_00183_25788_7106.N1	04-FEB-2007 16:40:49	Twilight	38.500	38	20Eps Sgr	1.8360	11000.	77	25788	No
131	GOM_NL__2PRFIN20070204_164227_000000412055_00183_25788_7107.N1	04-FEB-2007 16:42:27	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25788	No
132	GOM_NL__2PRFIN20070204_164353_000000402055_00183_25788_7108.N1	04-FEB-2007 16:43:53	Dark	39.500	40	The Sco	1.8590	7100.0	79	25788	No
133	GOM_NL__2PRFIN20070204_164544_000000382055_00183_25788_7109.N1	04-FEB-2007 16:45:44	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25788	No
134	GOM_NL__2PRFIN20070204_164717_000000402055_00183_25788_7110.N1	04-FEB-2007 16:47:17	Dark	40.000	141	Bet Ara	2.8400	4600.0	80	25788	No
135	GOM_NL__2PRFIN20070204_165107_000000372055_00184_25789_7088.N1	04-FEB-2007 16:51:07	Dark	37.000	43	Alp TrA	1.9100	4250.0	74	25789	No
136	GOM_NL__2PRFIN20070204_165641_000000382055_00184_25789_7089.N1	04-FEB-2007 16:56:41	Dark	37.500	112	Alp Mus	2.6880	26000.	75	25789	No
137	GOM_NL__2PRFIN20070204_170041_000000362055_00184_25789_7090.N1	04-FEB-2007 17:00:41	Dark	36.000	29	Bet Car	1.6720	10200.	72	25789	No
138	GOM_NL__2PRFIN20070204_170307_000000392055_00184_25789_7091.N1	04-FEB-2007 17:03:07	Dark	38.500	71	lot Car	2.2460	7700.0	77	25789	No
139	GOM_NL__2PRFIN20070204_170450_000000372055_00184_25789_7092.N1	04-FEB-2007 17:04:50	Dark	37.000	46	Del Vel	1.9540	10600.	74	25789	No
140	GOM_NL__2PRFIN20070204_170719_000000392055_00184_25789_7093.N1	04-FEB-2007 17:07:19	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	25789	No
141	GOM_NL__2PRFIN20070204_170924_000000382055_00184_25789_7094.N1	04-FEB-2007 17:09:24	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	25789	No
142	GOM_NL__2PRFIN20070204_171044_000000412055_00184_25789_7095.N1	04-FEB-2007 17:10:44	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	25789	No
143	GOM_NL__2PRFIN20070204_171310_000000402055_00184_25789_7096.N1	04-FEB-2007 17:13:10	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25789	No
144	GOM_NL__2PRFIN20070204_171433_000000392055_00184_25789_7097.N1	04-FEB-2007 17:14:33	Straylight	39.000	179	24Omi2CMa	3.0320	24000.	78	25789	No
145	GOM_NL__2PRFIN20070204_171643_000000512055_00184_25789_7098.N1	04-FEB-2007 17:16:43	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	25789	No
146	GOM_NL__2PRFIN20070204_172222_000000382055_00184_25789_7099.N1	04-FEB-2007 17:22:22	Tw_i_and_stray	38.000	8	10Alp CMi	0.40000	6500.0	76	25789	No
147	GOM_NL__2PRFIN20070204_172556_000000372055_00184_25789_7100.N1	04-FEB-2007 17:25:56	Bright	36.500	44	24Gam Gem	1.9280	11000.	73	25789	No
148	GOM_NL__2PRFIN20070204_172748_000000402055_00184_25789_7101.N1	04-FEB-2007 17:27:48	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	25789	No
149	GOM_NL__2PRFIN20070204_173208_000000352055_00184_25789_7102.N1	04-FEB-2007 17:32:08	Bright	35.000	107	37The Aur	2.6490	11000.	70	25789	No
150	GOM_NL__2PRFIN20070204_173411_000000352055_00184_25789_7103.N1	04-FEB-2007 17:34:11	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25789	No
151	GOM_NL__2PRFIN20070204_174616_000000362055_00184_25789_7104.N1	04-FEB-2007 17:46:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25789	No
152	GOM_NL__2PRFIN20070204_175236_000000362055_00184_25789_7105.N1	04-FEB-2007 17:52:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	25789	No
153	GOM_NL__2PRFIN20070204_175834_000000352055_00184_25789_7106.N1	04-FEB-2007 17:58:34	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	25789	No
154	GOM_NL__2PRFIN20070204_180059_000000352055_00184_25789_7107.N1	04-FEB-2007 18:00:59	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25789	No
155	GOM_NL__2PRFIN20070204_180740_000000332055_00184_25789_7108.N1	04-FEB-2007 18:07:40	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25789	No
156	GOM_NL__2PRFIN20070204_182013_000000432055_00184_25789_7109.N1	04-FEB-2007 18:20:13	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	25789	No
157	GOM_NL__2PRFIN20070204_182125_000000372055_00184_25789_7110.N1	04-FEB-2007 18:21:25	Twilight	37.000	38	20Eps Sgr	1.8360	11000.	74	25789	No
158	GOM_NL__2PRFIN20070204_182303_000000412055_00184_25789_7111.N1	04-FEB-2007 18:23:03	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	25789	No
159	GOM_NL__2PRFIN20070204_182429_000000392055_00184_25789_7112.N1	04-FEB-2007 18:24:29	Dark	38.500	40	The Sco	1.8590	7100.0	77	25789	No
160	GOM_NL__2PRFIN20070204_182621_000000382055_00184_25789_7113.N1	04-FEB-2007 18:26:21	Dark	38.000	147	Alp Ara	2.8770	26000.	76	25789	No

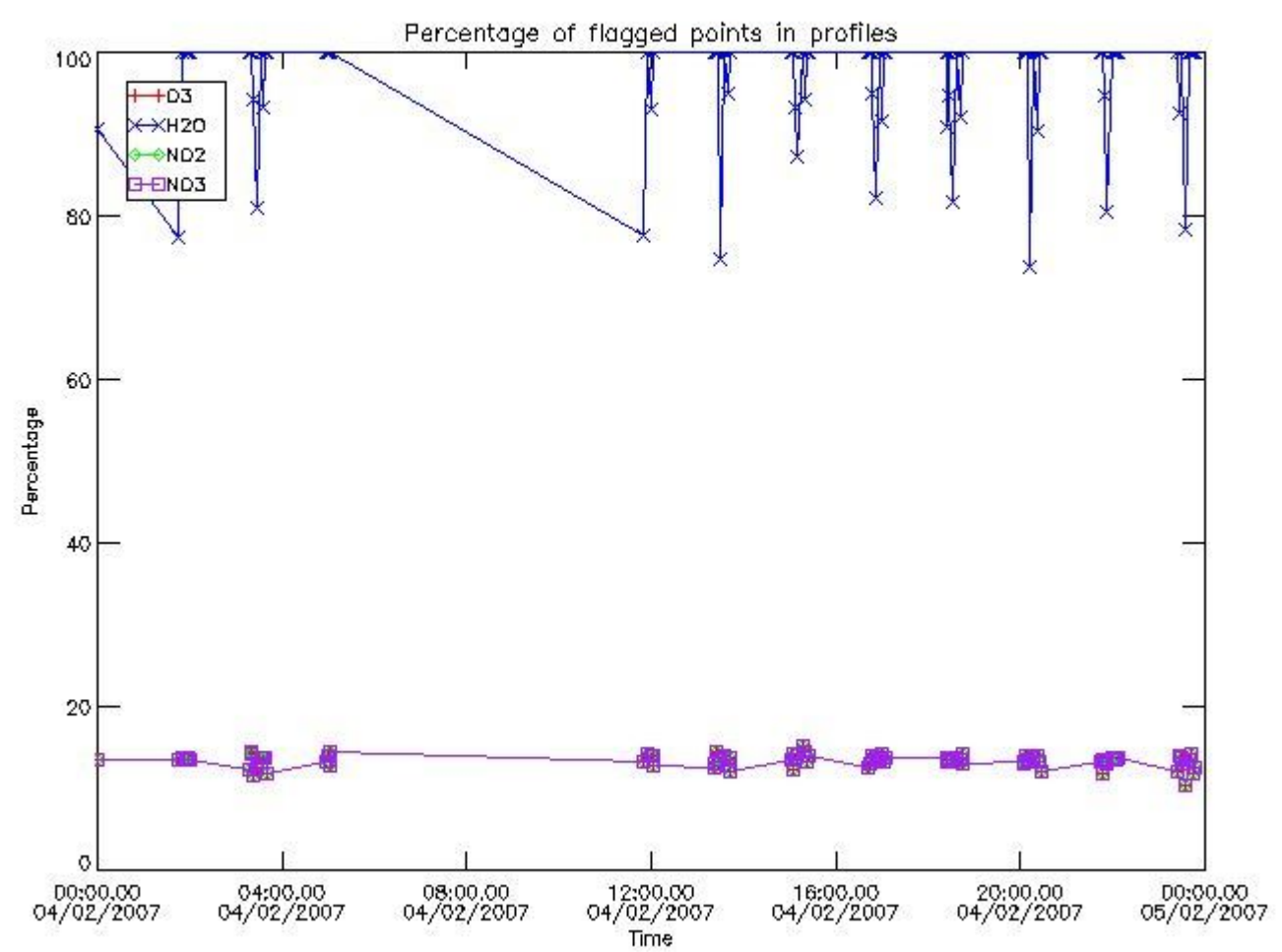
161	GOM_NL__2PRFIN20070204_182753_000000382055_00184_25789_7114.N1	04-FEB-2007 18:27:53	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25789	No
162	GOM_NL__2PRFIN20070204_183143_000000392055_00185_25790_7112.N1	04-FEB-2007 18:31:43	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	25790	No
163	GOM_NL__2PRFIN20070204_183718_000000372055_00185_25790_7113.N1	04-FEB-2007 18:37:18	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25790	No
164	GOM_NL__2PRFIN20070204_184117_000000382055_00185_25790_7114.N1	04-FEB-2007 18:41:17	Dark	38.000	29	Bet Car	1.6720	10200.	76	25790	No
165	GOM_NL__2PRFIN20070204_184343_000000362055_00185_25790_7115.N1	04-FEB-2007 18:43:43	Dark	36.000	71	lot Car	2.2460	7700.0	72	25790	No
166	GOM_NL__2PRFIN20070204_184526_000000392055_00185_25790_7116.N1	04-FEB-2007 18:45:26	Dark	39.000	46	Del Vel	1.9540	10600.	78	25790	No
167	GOM_NL__2PRFIN20070204_184755_000000392055_00185_25790_7117.N1	04-FEB-2007 18:47:55	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	25790	No
168	GOM_NL__2PRFIN20070204_185000_000000372055_00185_25790_7118.N1	04-FEB-2007 18:50:00	Straylight	37.000	70	Zet Pup	2.2460	39000.	74	25790	No
169	GOM_NL__2PRFIN20070204_185120_000000402055_00185_25790_7119.N1	04-FEB-2007 18:51:20	Straylight	40.000	117	Pi Pup	2.7060	3800.0	80	25790	No
170	GOM_NL__2PRFIN20070204_185346_000000402055_00185_25790_7120.N1	04-FEB-2007 18:53:46	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	25790	No
171	GOM_NL__2PRFIN20070204_185509_000000392055_00185_25790_7121.N1	04-FEB-2007 18:55:09	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25790	No
172	GOM_NL__2PRFIN20070204_185719_000000522055_00185_25790_7122.N1	04-FEB-2007 18:57:19	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	25790	No
173	GOM_NL__2PRFIN20070204_190258_000000502055_00185_25790_7123.N1	04-FEB-2007 19:02:58	Tw_i_and_stray	49.500	8	10Alp CMi	0.40000	6500.0	99	25790	No
174	GOM_NL__2PRFIN20070204_190632_000000362055_00185_25790_7124.N1	04-FEB-2007 19:06:32	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25790	No
175	GOM_NL__2PRFIN20070204_190824_000000382055_00185_25790_7125.N1	04-FEB-2007 19:08:24	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25790	No
176	GOM_NL__2PRFIN20070204_191245_000000352055_00185_25790_7126.N1	04-FEB-2007 19:12:45	Bright	34.500	107	37The Aur	2.6490	11000.	69	25790	No
177	GOM_NL__2PRFIN20070204_191448_000000342055_00185_25790_7127.N1	04-FEB-2007 19:14:48	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	25790	No
178	GOM_NL__2PRFIN20070204_192652_000000362055_00185_25790_7128.N1	04-FEB-2007 19:26:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25790	No
179	GOM_NL__2PRFIN20070204_193312_000000332055_00185_25790_7129.N1	04-FEB-2007 19:33:12	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	25790	No
180	GOM_NL__2PRFIN20070204_193911_000000332055_00185_25790_7130.N1	04-FEB-2007 19:39:11	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	25790	No
181	GOM_NL__2PRFIN20070204_194135_000000342055_00185_25790_7131.N1	04-FEB-2007 19:41:35	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25790	No
182	GOM_NL__2PRFIN20070204_194816_000000332055_00185_25790_7132.N1	04-FEB-2007 19:48:16	Bright	32.500	168	17Zet Aql	2.9860	11000.	65	25790	No
183	GOM_NL__2PRFIN20070204_200050_000000422055_00185_25790_7133.N1	04-FEB-2007 20:00:50	Twilight	41.500	116	19Del Sgr	2.7000	4100.0	83	25790	No
184	GOM_NL__2PRFIN20070204_200201_000000392055_00185_25790_7134.N1	04-FEB-2007 20:02:01	Twilight	39.000	38	20Eps Sgr	1.8360	11000.	78	25790	No
185	GOM_NL__2PRFIN20070204_200340_000000392055_00185_25790_7135.N1	04-FEB-2007 20:03:40	Dark	38.500	25	35Lam Sco	1.6200	28000.	77	25790	No
186	GOM_NL__2PRFIN20070204_200505_000000392055_00185_25790_7136.N1	04-FEB-2007 20:05:05	Dark	39.000	40	The Sco	1.8590	7100.0	78	25790	No
187	GOM_NL__2PRFIN20070204_200657_000000372055_00185_25790_7137.N1	04-FEB-2007 20:06:57	Dark	36.500	147	Alp Ara	2.8770	26000.	73	25790	No
188	GOM_NL__2PRFIN20070204_200830_000000382055_00185_25790_7138.N1	04-FEB-2007 20:08:30	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	25790	No
189	GOM_NL__2PRFIN20070204_201219_000000392055_00186_25791_7127.N1	04-FEB-2007 20:12:19	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	25791	No
190	GOM_NL__2PRFIN20070204_201754_000000372055_00186_25791_7128.N1	04-FEB-2007 20:17:54	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25791	No
191	GOM_NL__2PRFIN20070204_202153_000000372055_00186_25791_7129.N1	04-FEB-2007 20:21:53	Dark	36.500	29	Bet Car	1.6720	10200.	73	25791	No
192	GOM_NL__2PRFIN20070204_202419_000000392055_00186_25791_7130.N1	04-FEB-2007 20:24:19	Dark	38.500	71	lot Car	2.2460	7700.0	77	25791	No
193	GOM_NL__2PRFIN20070204_202603_000000422055_00186_25791_7131.N1	04-FEB-2007 20:26:03	Dark	42.000	46	Del Vel	1.9540	10600.	84	25791	No
194	GOM_NL__2PRFIN20070204_202832_000000392055_00186_25791_7132.N1	04-FEB-2007 20:28:32	Straylight	38.500	34	Gam2Vel	1.7930	23000.	77	25791	No
195	GOM_NL__2PRFIN20070204_203036_000000402055_00186_25791_7133.N1	04-FEB-2007 20:30:36	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	25791	No
196	GOM_NL__2PRFIN20070204_203156_000000392055_00186_25791_7134.N1	04-FEB-2007 20:31:56	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	25791	No
197	GOM_NL__2PRFIN20070204_203422_000000402055_00186_25791_7135.N1	04-FEB-2007 20:34:22	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25791	No
198	GOM_NL__2PRFIN20070204_203545_000000392055_00186_25791_7136.N1	04-FEB-2007 20:35:45	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25791	No
199	GOM_NL__2PRFIN20070204_203755_000000432055_00186_25791_7137.N1	04-FEB-2007 20:37:55	Straylight	43.000	1	9Alp CMa	-1.4400	11000.	86	25791	No
200	GOM_NL__2PRFIN20070204_204334_000000442055_00186_25791_7138.N1	04-FEB-2007 20:43:34	Tw_i_and_stray	43.500	8	10Alp CMi	0.40000	6500.0	87	25791	No
201	GOM_NL__2PRFIN20070204_204708_000000372055_00186_25791_7139.N1	04-FEB-2007 20:47:08	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25791	No
202	GOM_NL__2PRFIN20070204_204900_000000372055_00186_25791_7140.N1	04-FEB-2007 20:49:00	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	25791	No
203	GOM_NL__2PRFIN20070204_205321_000000362055_00186_25791_7141.N1	04-FEB-2007 20:53:21	Bright	35.500	107	37The Aur	2.6490	11000.	71	25791	No
204	GOM_NL__2PRFIN20070204_205524_000000352055_00186_25791_7142.N1	04-FEB-2007 20:55:24	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25791	No
205	GOM_NL__2PRFIN20070204_210728_000000362055_00186_25791_7143.N1	04-FEB-2007 21:07:28	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25791	No
206	GOM_NL__2PRFIN20070204_211348_000000322055_00186_25791_7144.N1	04-FEB-2007 21:13:48	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	25791	No
207	GOM_NL__2PRFIN20070204_211947_000000522055_00186_25791_7145.N1	04-FEB-2007 21:19:47	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	25791	No
208	GOM_NL__2PRFIN20070204_212211_000000472055_00186_25791_7146.N1	04-FEB-2007 21:22:11	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	25791	No
209	GOM_NL__2PRFIN20070204_212852_000000322055_00186_25791_7147.N1	04-FEB-2007 21:28:52	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	25791	No
210	GOM_NL__2PRFIN20070204_214126_000000382055_00186_25791_7148.N1	04-FEB-2007 21:41:26	Twilight	37.500	116	19Del Sgr	2.7000	4100.0	75	25791	No
211	GOM_NL__2PRFIN20070204_214237_000000392055_00186_25791_7149.N1	04-FEB-2007 21:42:37	Twilight	38.500	38	20Eps Sgr	1.8360	11000.	77	25791	No
212	GOM_NL__2PRFIN20070204_214416_000000422055_00186_25791_7150.N1	04-FEB-2007 21:44:16	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	25791	No
213	GOM_NL__2PRFIN20070204_214542_000000432055_00186_25791_7151.N1	04-FEB-2007 21:45:42	Dark	43.000	40	The Sco	1.8590	7100.0	86	25791	No
214	GOM_NL__2PRFIN20070204_214733_000000382055_00186_25791_7152.N1	04-FEB-2007 21:47:33	Dark	37.500	147	Alp Ara	2.8770	26000.	75	25791	No
215	GOM_NL__2PRFIN20070204_214906_000000392055_00186_25791_7153.N1	04-FEB-2007 21:49:06	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	25791	No
216	GOM_NL__2PRFIN20070204_215255_000000392055_00187_25792_7139.N1	04-FEB-2007 21:52:55	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	25792	No
217	GOM_NL__2PRFIN20070204_215830_000000372055_00187_25792_7140.N1	04-FEB-2007 21:58:30	Dark	37.000	112	Alp Mus	2.6880	26000.	74	25792	No
218	GOM_NL__2PRFIN20070204_220229_000000372055_00187_25792_7141.N1	04-FEB-2007 22:02:29	Dark	37.000	29	Bet Car	1.6720	10200.	74	25792	No
219	GOM_NL__2PRFIN20070204_220456_000000382055_00187_25792_7142.N1	04-FEB-2007 22:04:56	Dark	37.500	71	lot Car	2.2460	7700.0	75	25792	No

220	GOM_NL__2PRFIN20070204_220639_000000412055_00187_25792_7143.N1	04-FEB-2007 22:06:39	Dark	40.500	46	Del Vel	1.9540	10600.	81	25792	No
221	GOM_NL__2PRFIN20070204_220908_000000402055_00187_25792_7144.N1	04-FEB-2007 22:09:08	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	25792	No
222	GOM_NL__2PRFIN20070204_221112_000000382055_00187_25792_7145.N1	04-FEB-2007 22:11:12	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25792	No
223	GOM_NL__2PRFIN20070204_221232_000000412055_00187_25792_7146.N1	04-FEB-2007 22:12:32	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	25792	No
224	GOM_NL__2PRFIN20070204_221458_000000402055_00187_25792_7147.N1	04-FEB-2007 22:14:58	Straylight	40.000	23	21Eps CMa	1.5020	26000.	80	25792	No
225	GOM_NL__2PRFIN20070204_221621_000000372055_00187_25792_7148.N1	04-FEB-2007 22:16:21	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25792	No
226	GOM_NL__2PRFIN20070204_221831_000000432055_00187_25792_7149.N1	04-FEB-2007 22:18:31	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25792	No
227	GOM_NL__2PRFIN20070204_222410_000000442055_00187_25792_7150.N1	04-FEB-2007 22:24:10	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	25792	No
228	GOM_NL__2PRFIN20070204_222744_000000362055_00187_25792_7151.N1	04-FEB-2007 22:27:44	Bright	36.000	44	24Gam Gem	1.9280	11000.	72	25792	No
229	GOM_NL__2PRFIN20070204_222937_000000382055_00187_25792_7152.N1	04-FEB-2007 22:29:37	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25792	No
230	GOM_NL__2PRFIN20070204_223357_000000352055_00187_25792_7153.N1	04-FEB-2007 22:33:57	Bright	34.500	107	37The Aur	2.6490	11000.	69	25792	No
231	GOM_NL__2PRFIN20070204_223600_000000362055_00187_25792_7154.N1	04-FEB-2007 22:36:00	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	25792	No
232	GOM_NL__2PRFIN20070204_224804_000000332055_00187_25792_7155.N1	04-FEB-2007 22:48:04	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	25792	No
233	GOM_NL__2PRFIN20070204_225424_000000352055_00187_25792_7156.N1	04-FEB-2007 22:54:24	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	25792	No
234	GOM_NL__2PRFIN20070204_230023_000000452055_00187_25792_7157.N1	04-FEB-2007 23:00:23	Bright	44.500	144	18Del Cyg	2.8600	11000.	89	25792	No
235	GOM_NL__2PRFIN20070204_230247_000000342055_00187_25792_7158.N1	04-FEB-2007 23:02:47	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25792	No
236	GOM_NL__2PRFIN20070204_230929_000000322055_00187_25792_7159.N1	04-FEB-2007 23:09:29	Bright	32.000	168	17Zet Aql	2.9860	11000.	64	25792	No
237	GOM_NL__2PRFIN20070204_232202_000000432055_00187_25792_7160.N1	04-FEB-2007 23:22:02	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	25792	No
238	GOM_NL__2PRFIN20070204_232313_000000432055_00187_25792_7161.N1	04-FEB-2007 23:23:13	Twilight	42.500	38	20Eps Sgr	1.8360	11000.	85	25792	No
239	GOM_NL__2PRFIN20070204_232452_000000422055_00187_25792_7162.N1	04-FEB-2007 23:24:52	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	25792	No
240	GOM_NL__2PRFIN20070204_232618_000000402055_00187_25792_7163.N1	04-FEB-2007 23:26:18	Dark	40.000	40	The Sco	1.8590	7100.0	80	25792	No
241	GOM_NL__2PRFIN20070204_232809_000000372055_00187_25792_7164.N1	04-FEB-2007 23:28:09	Dark	37.000	147	Alp Ara	2.8770	26000.	74	25792	No
242	GOM_NL__2PRFIN20070204_232942_000000392055_00187_25792_7165.N1	04-FEB-2007 23:29:42	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	25792	No
243	GOM_NL__2PRFIN20070204_233331_000000492055_00188_25793_7150.N1	04-FEB-2007 23:33:31	Dark	49.000	43	Alp TrA	1.9100	4250.0	98	25793	No
244	GOM_NL__2PRFIN20070204_233907_000000382055_00188_25793_7151.N1	04-FEB-2007 23:39:07	Dark	37.500	112	Alp Mus	2.6880	26000.	75	25793	No
245	GOM_NL__2PRFIN20070204_234305_000000362055_00188_25793_7152.N1	04-FEB-2007 23:43:05	Dark	36.000	29	Bet Car	1.6720	10200.	72	25793	No
246	GOM_NL__2PRFIN20070204_234532_000000432055_00188_25793_7153.N1	04-FEB-2007 23:45:32	Dark	43.000	71	lot Car	2.2460	7700.0	86	25793	No
247	GOM_NL__2PRFIN20070204_234715_000000412055_00188_25793_7154.N1	04-FEB-2007 23:47:15	Dark	40.500	46	Del Vel	1.9540	10600.	81	25793	No
248	GOM_NL__2PRFIN20070204_234944_000000382055_00188_25793_7155.N1	04-FEB-2007 23:49:44	Straylight	38.000	34	Gam2Vel	1.7930	23000.	76	25793	No
249	GOM_NL__2PRFIN20070204_235148_000000372055_00188_25793_7156.N1	04-FEB-2007 23:51:48	Straylight	36.500	70	Zet Pup	2.2460	39000.	73	25793	No
250	GOM_NL__2PRFIN20070204_235308_000000392055_00188_25793_7157.N1	04-FEB-2007 23:53:08	Straylight	38.500	117	Pi Pup	2.7060	3800.0	77	25793	No
251	GOM_NL__2PRFIN20070204_235534_000000392055_00188_25793_7158.N1	04-FEB-2007 23:55:34	Straylight	38.500	23	21Eps CMa	1.5020	26000.	77	25793	No
252	GOM_NL__2PRFIN20070204_235657_000000382055_00188_25793_7159.N1	04-FEB-2007 23:56:57	Straylight	37.500	179	24Omi2CMa	3.0320	24000.	75	25793	No
253	GOM_NL__2PRFIN20070204_235907_000000432055_00188_25793_7160.N1	04-FEB-2007 23:59:07	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25793	No

3. Quality information per product

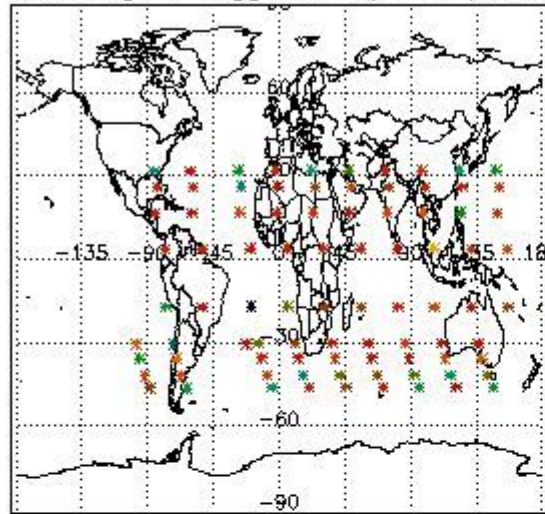
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

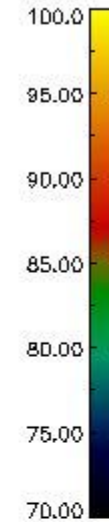
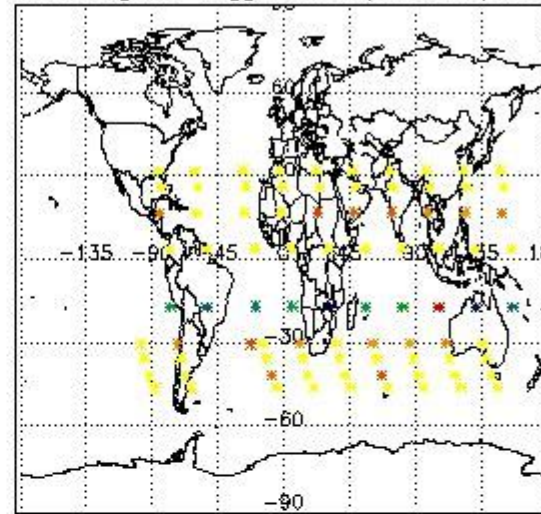


3.2 Plot quality information per product (world map)

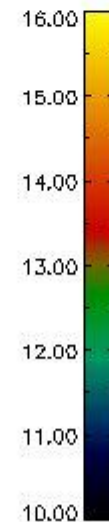
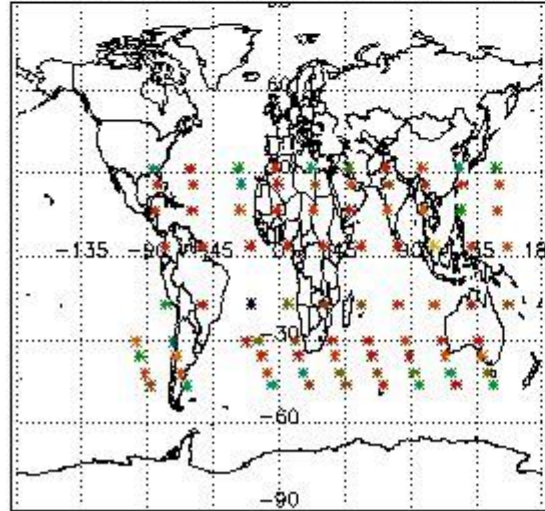
Percentage of flagged data per O3 profile



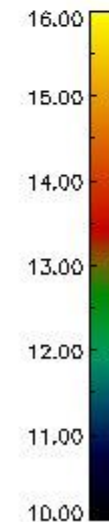
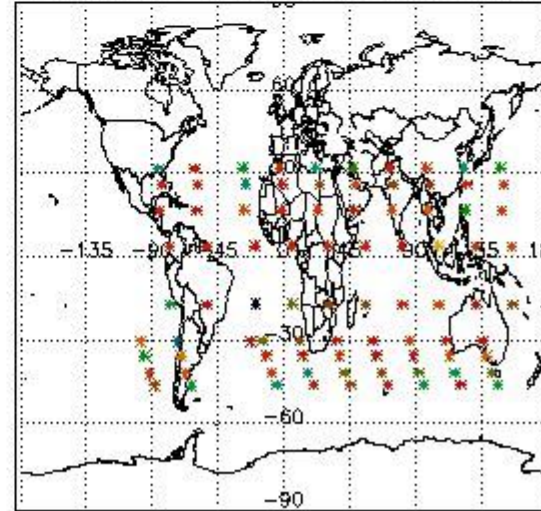
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

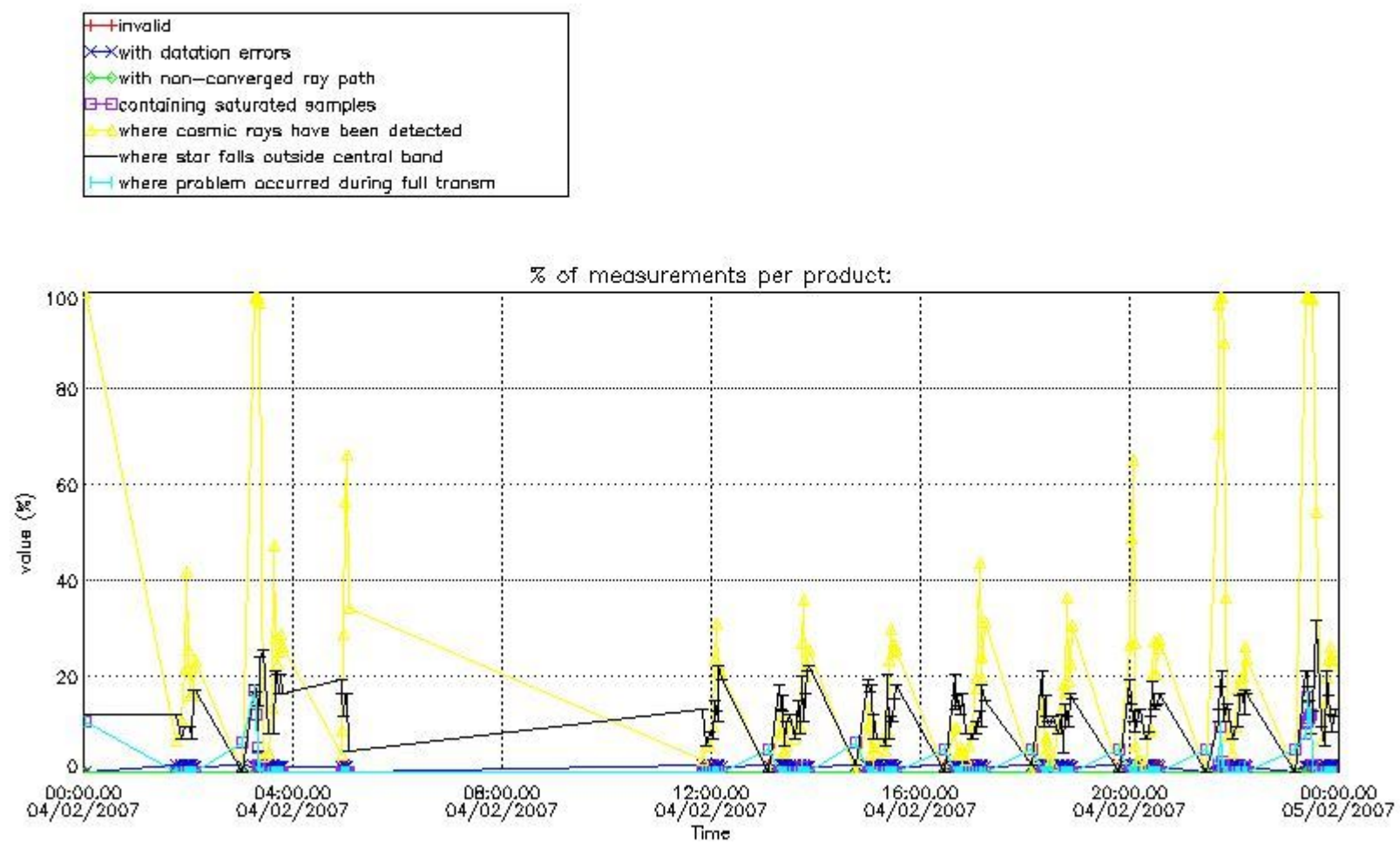


4. Level 1 quality information per product

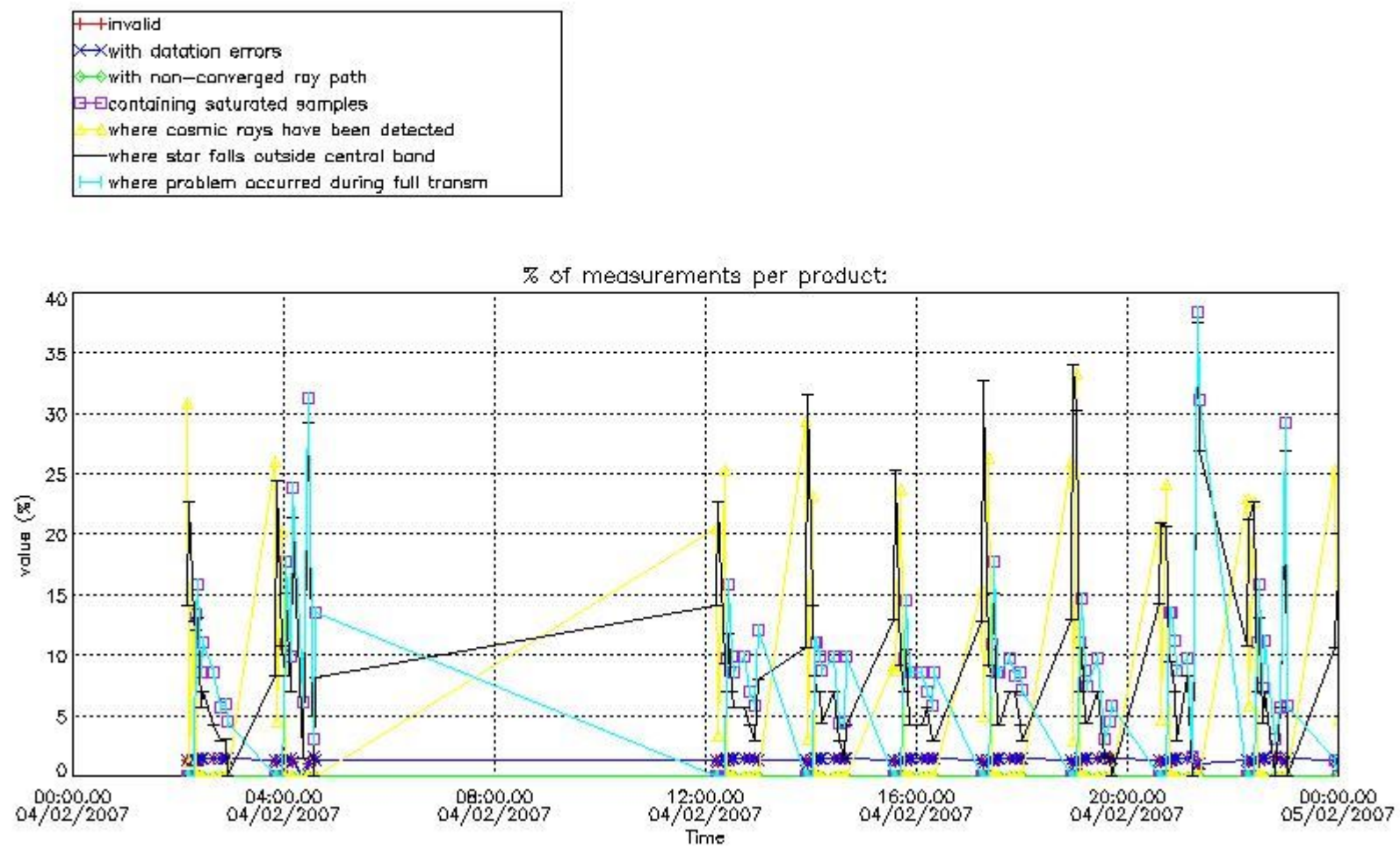
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



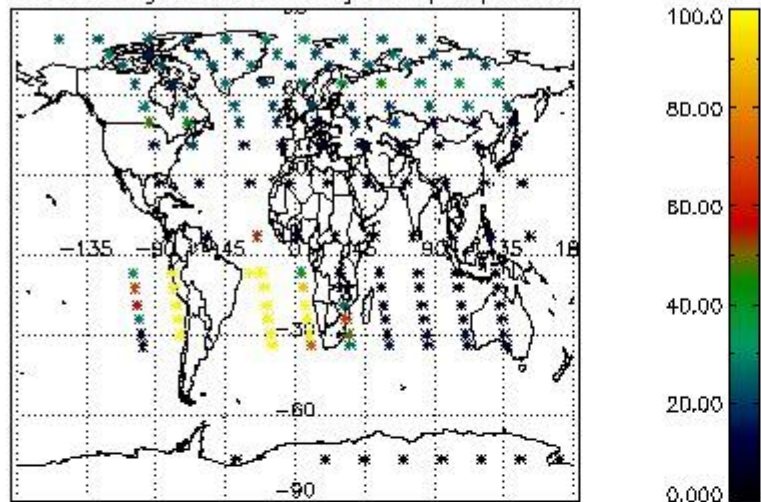
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



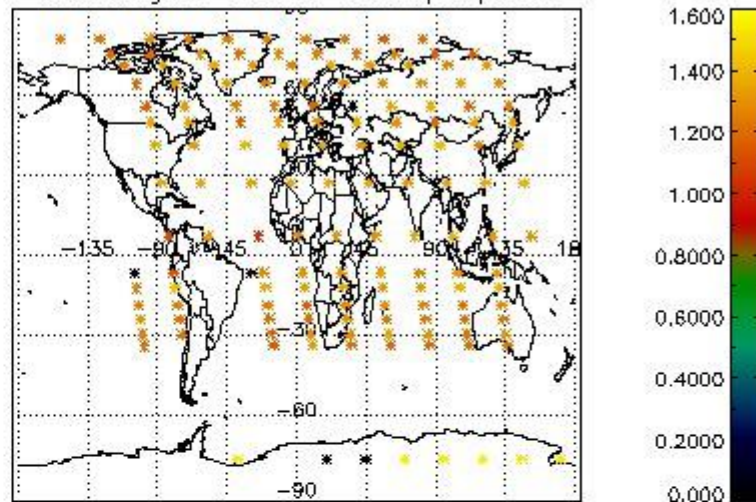
4.2 Plot quality information per product coming from level 1b processing (world map)

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

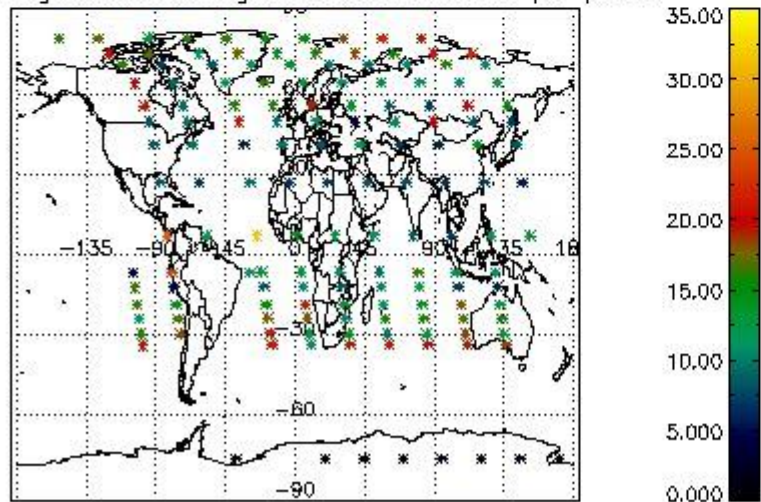
Percentage of cosmic ray hits per profile



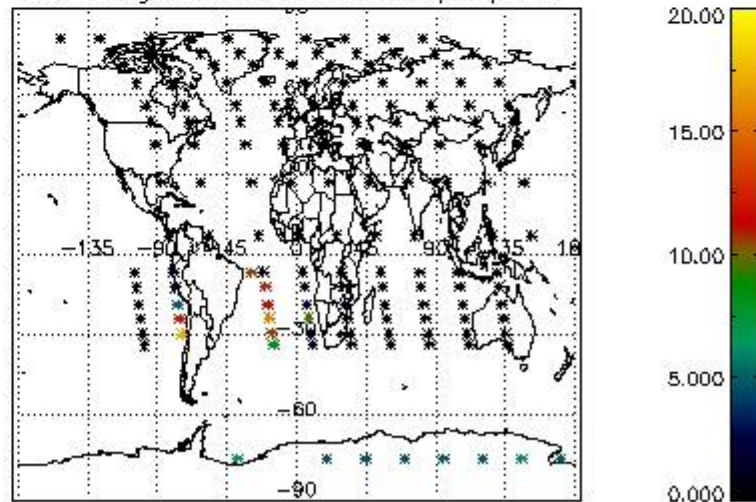
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

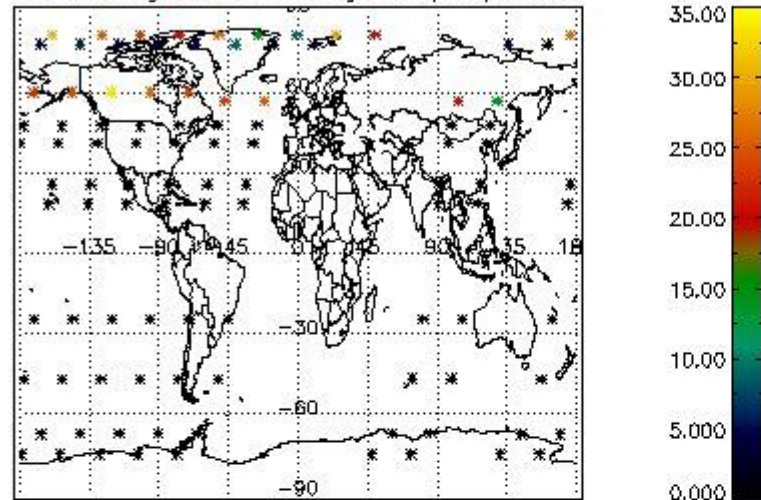


Percentage of saturation errors per profile

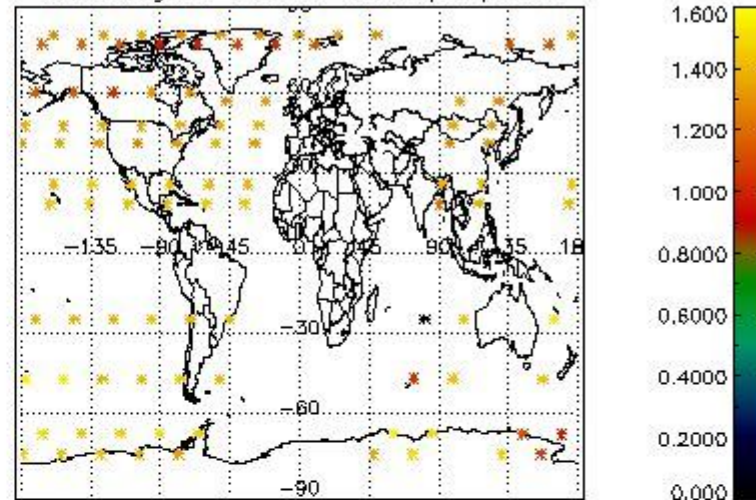


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

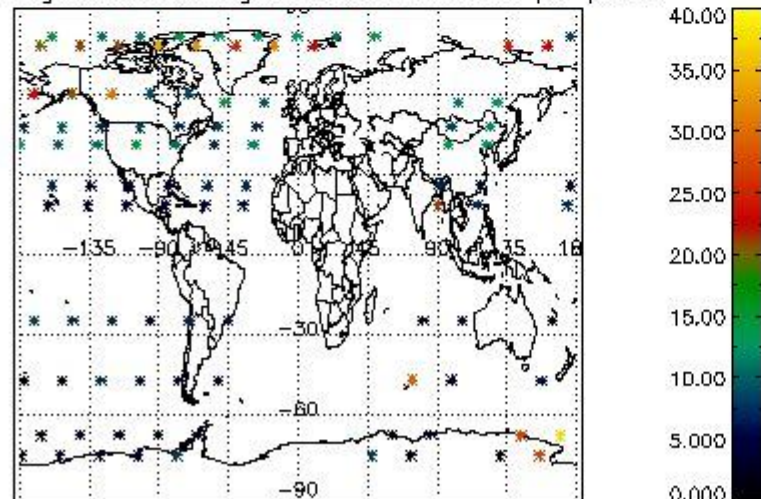
Percentage of cosmic ray hits per profile



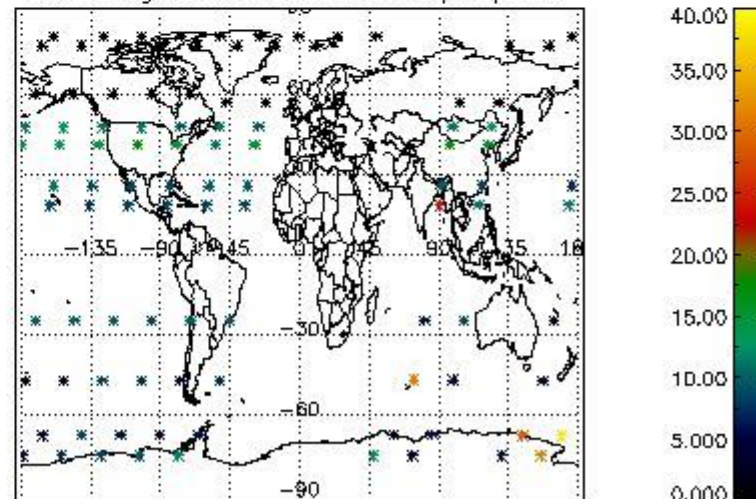
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

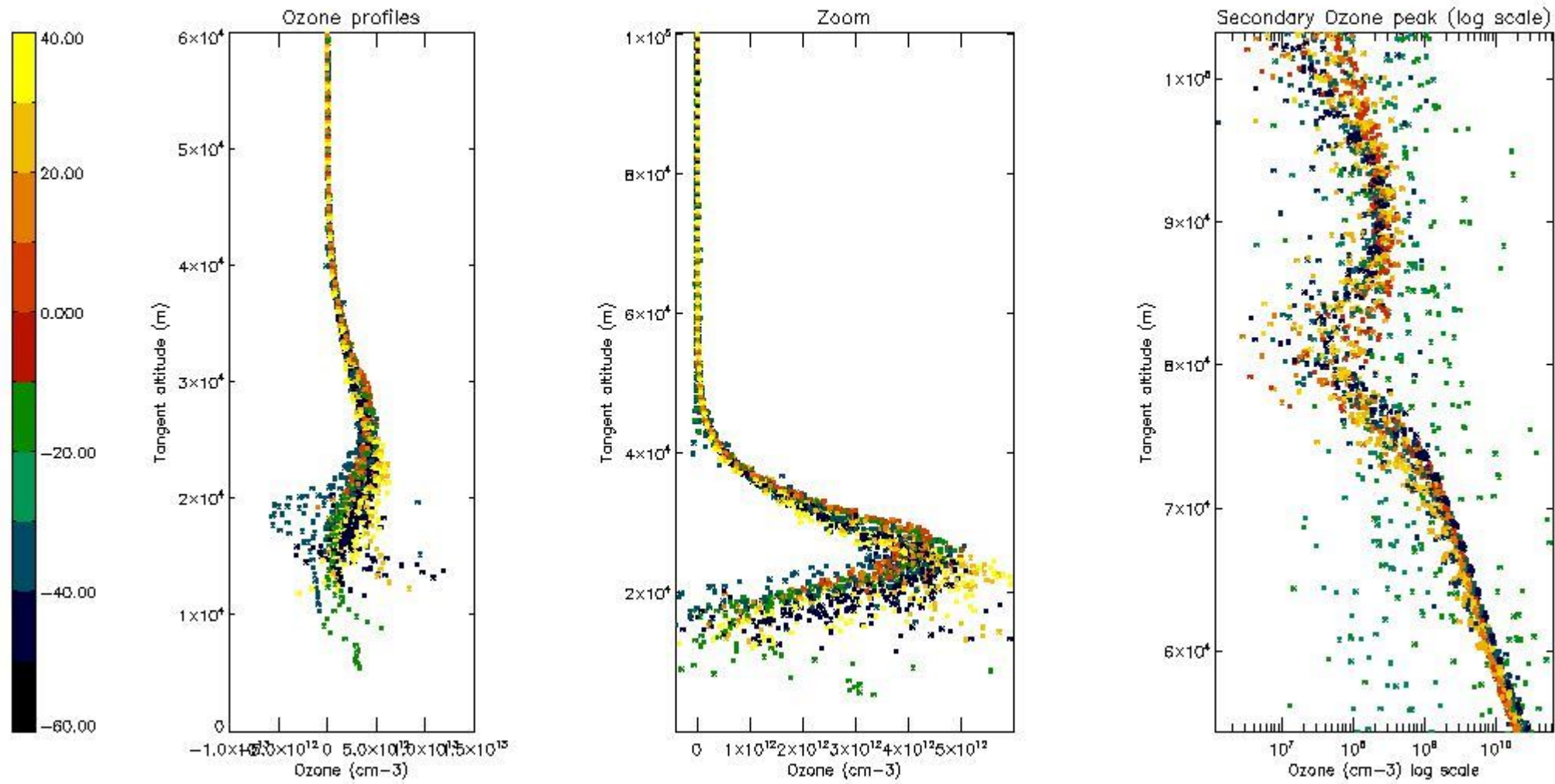
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	18

STD < 10	14
STD < 5	8

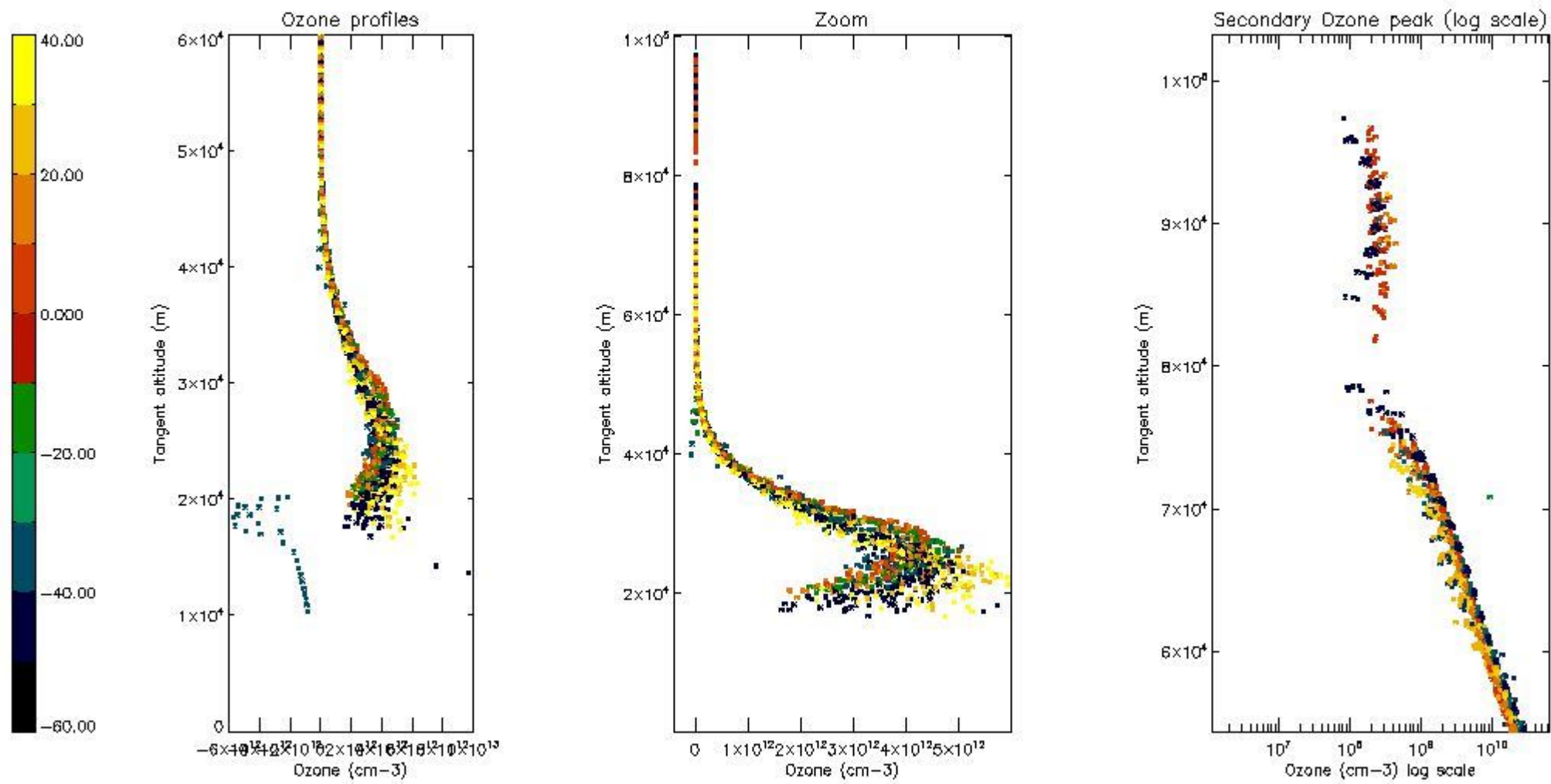
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



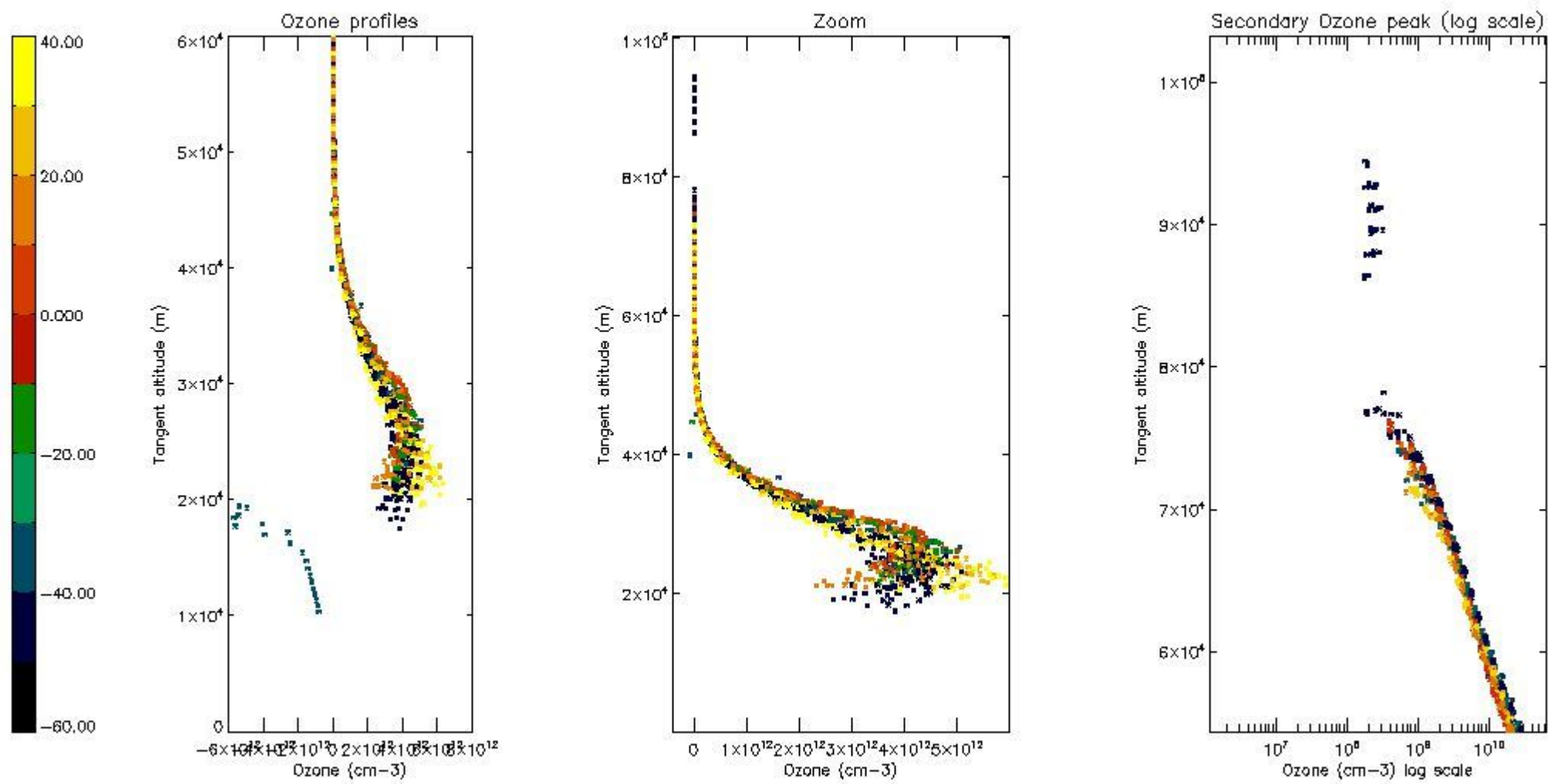
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



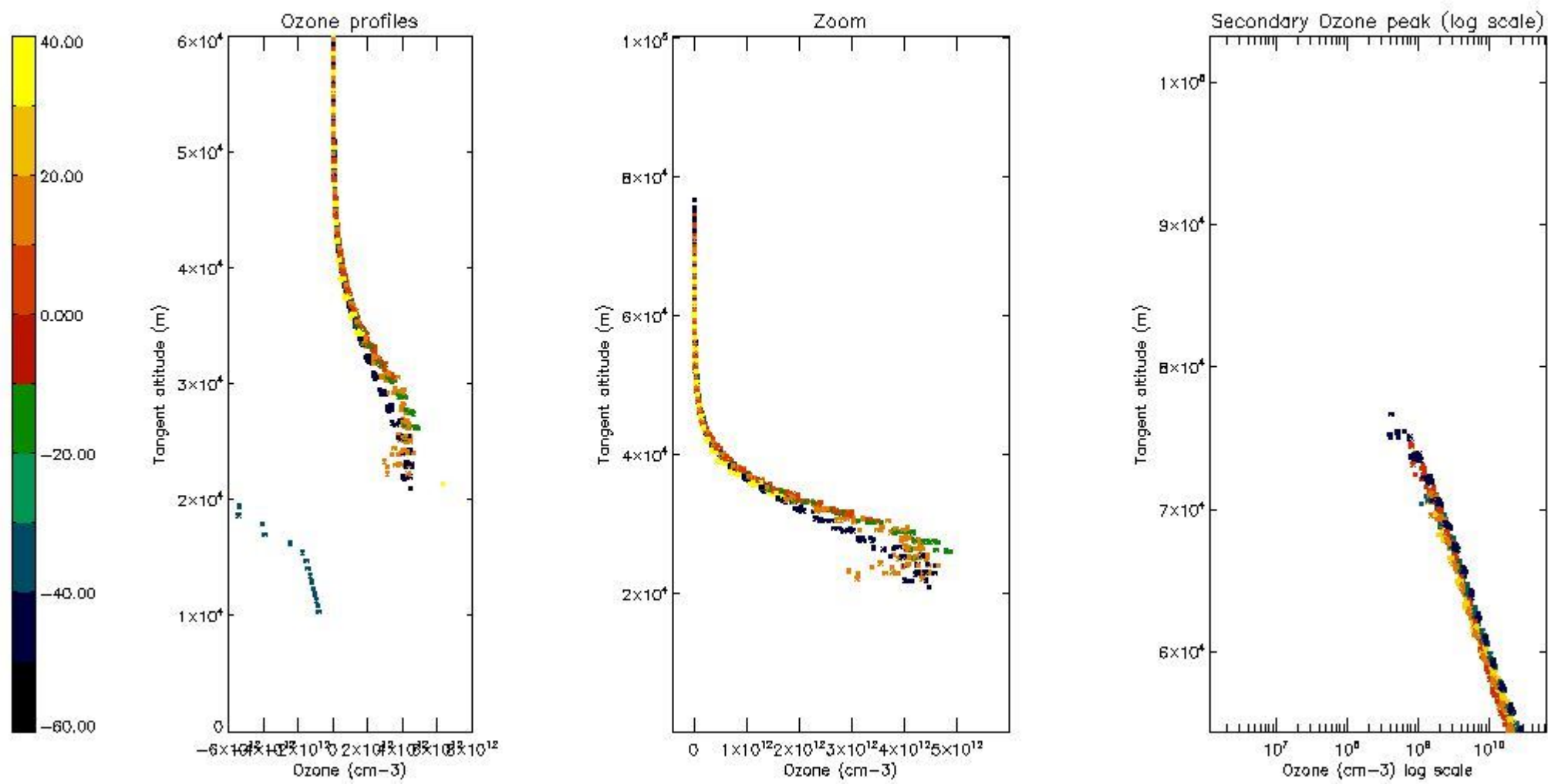
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



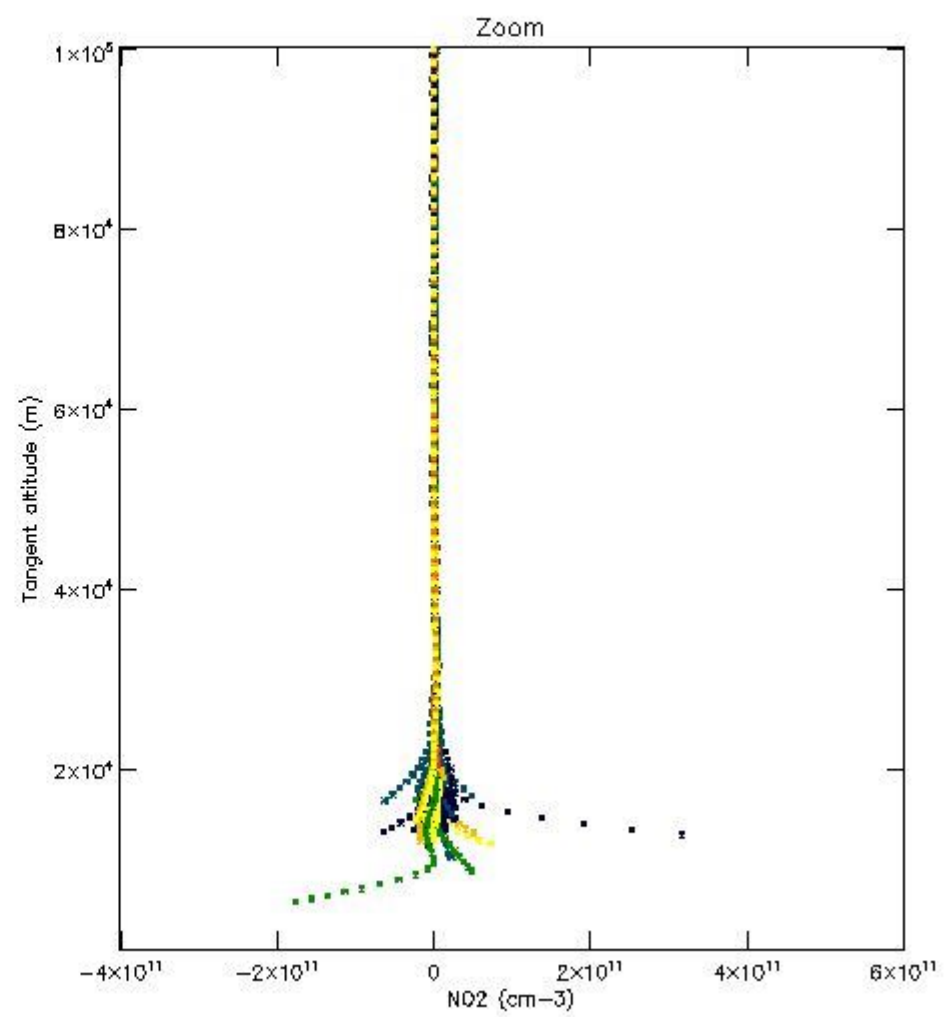
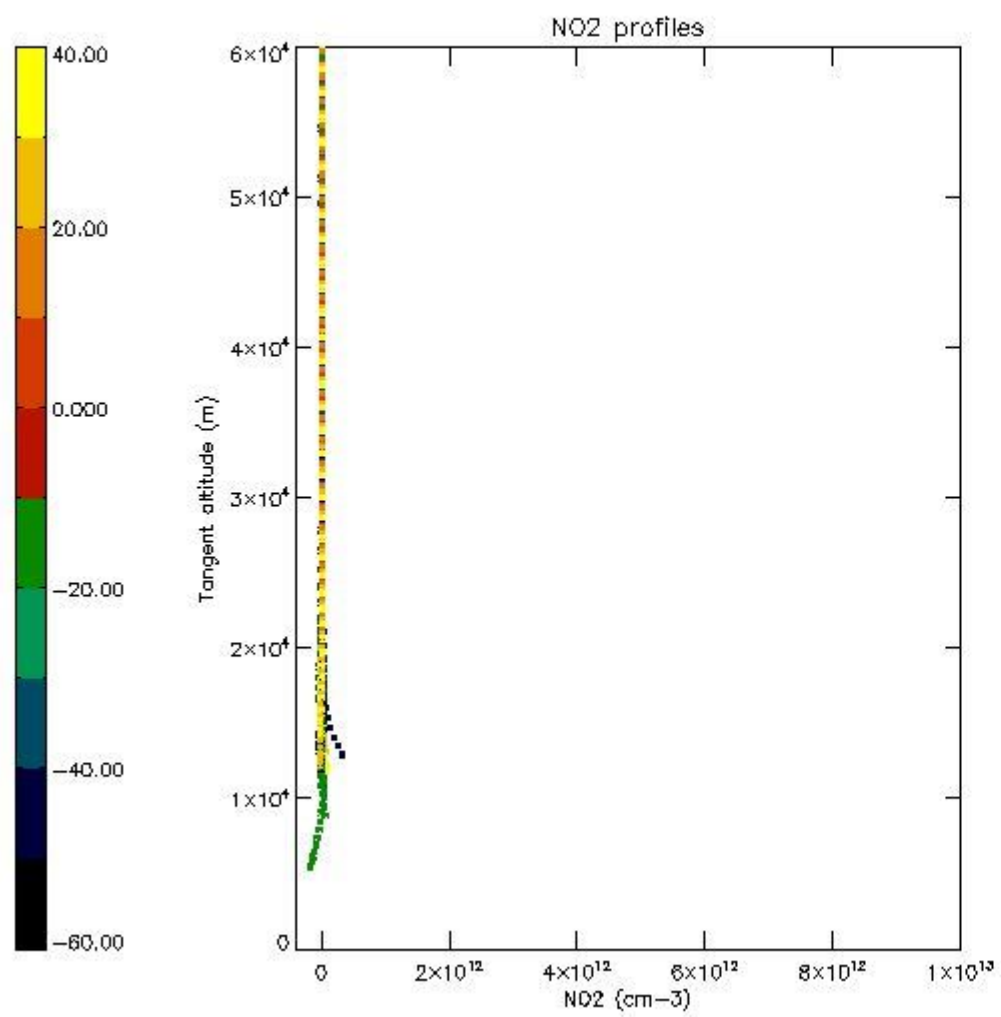
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



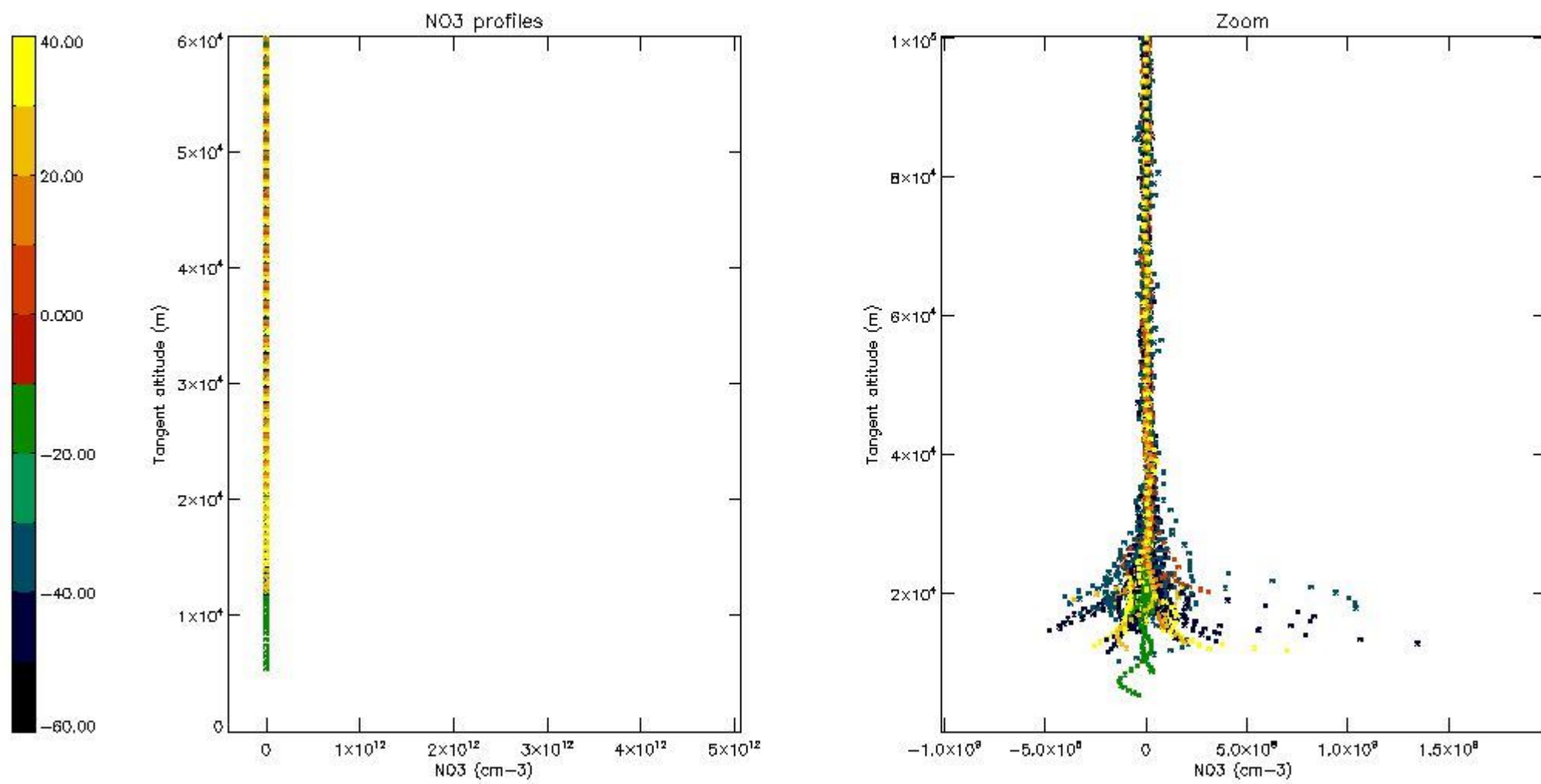
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



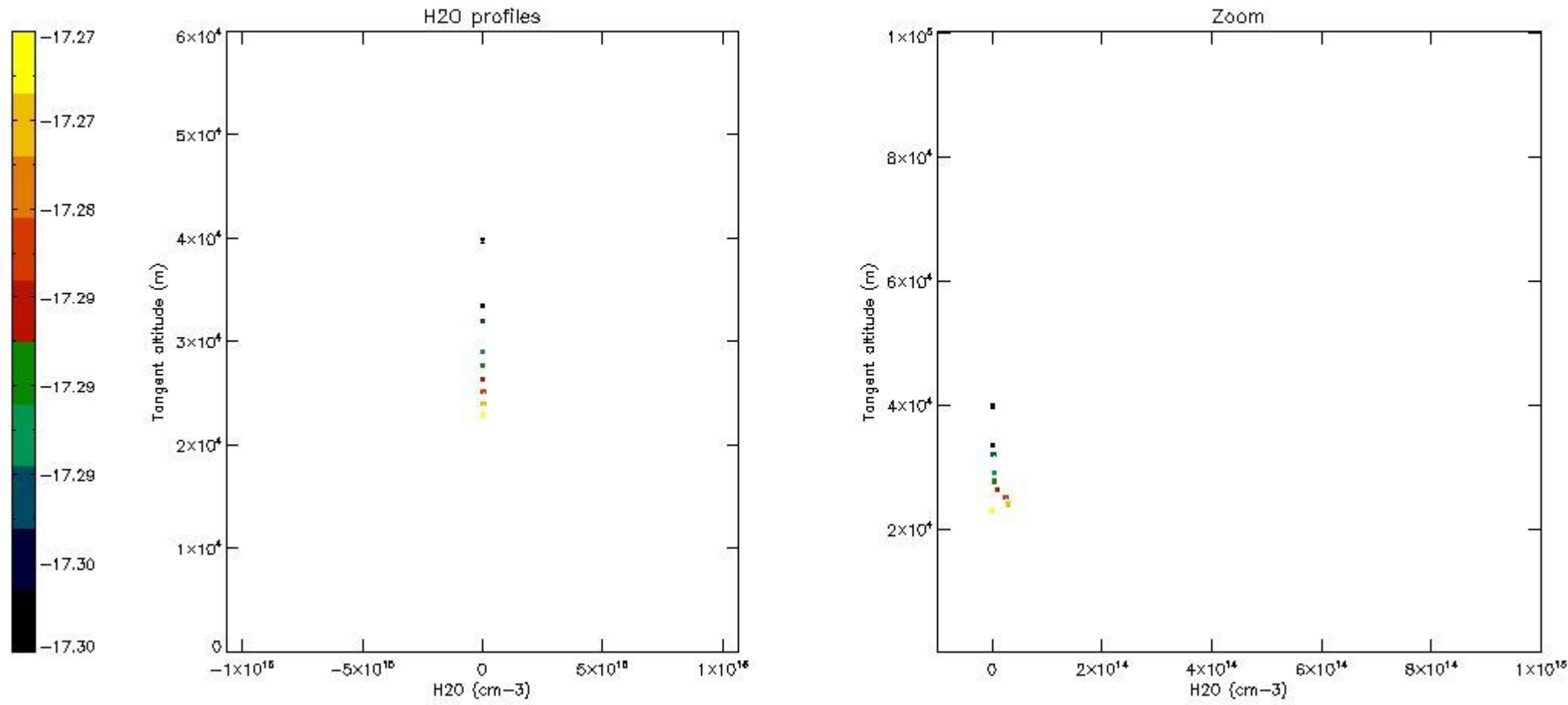
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

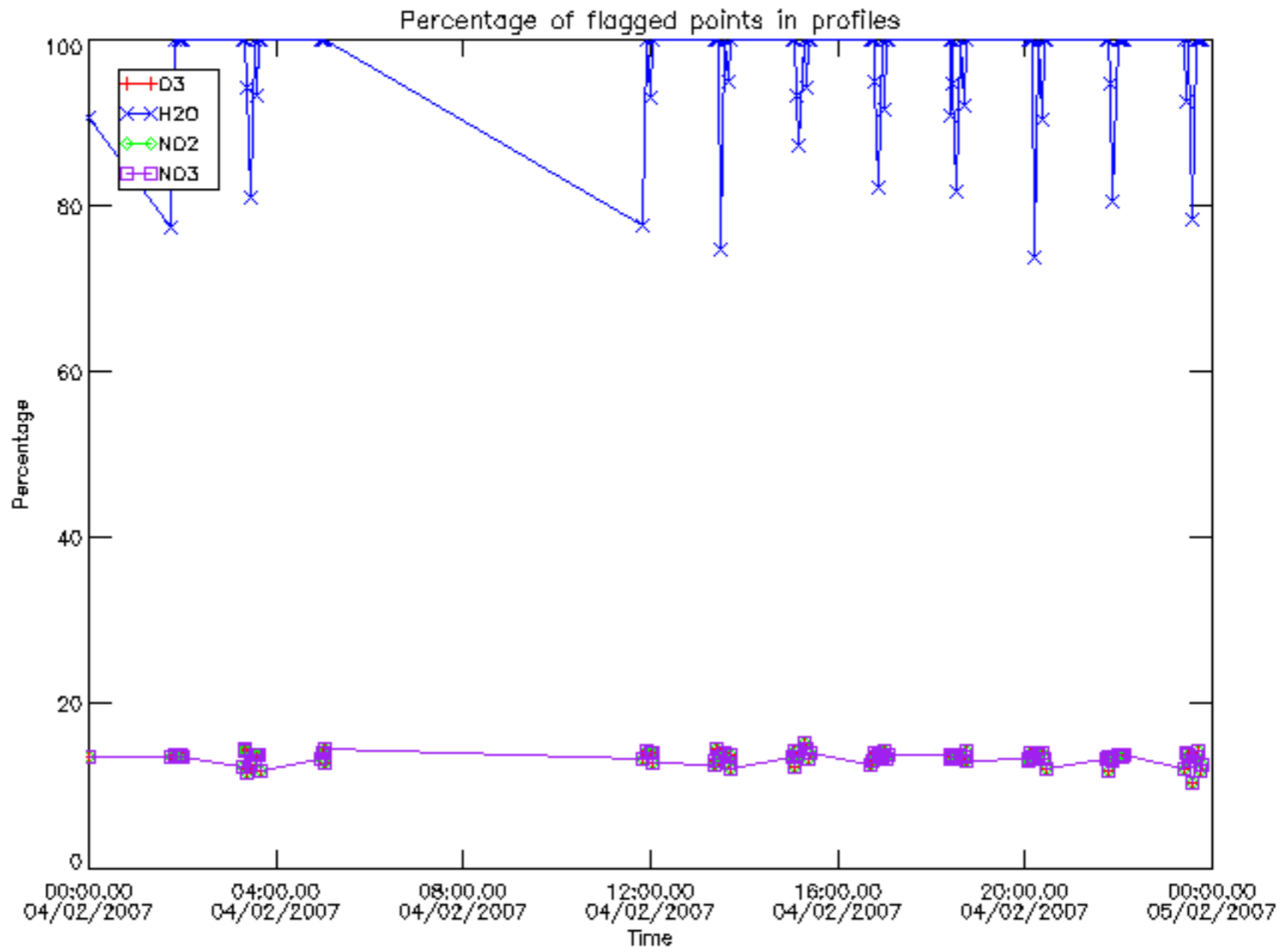
The colorbar represents the latitude.



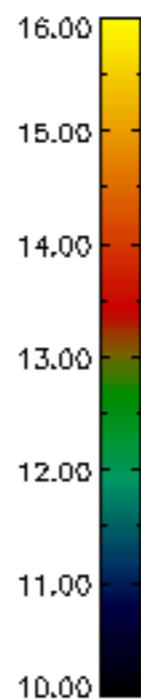
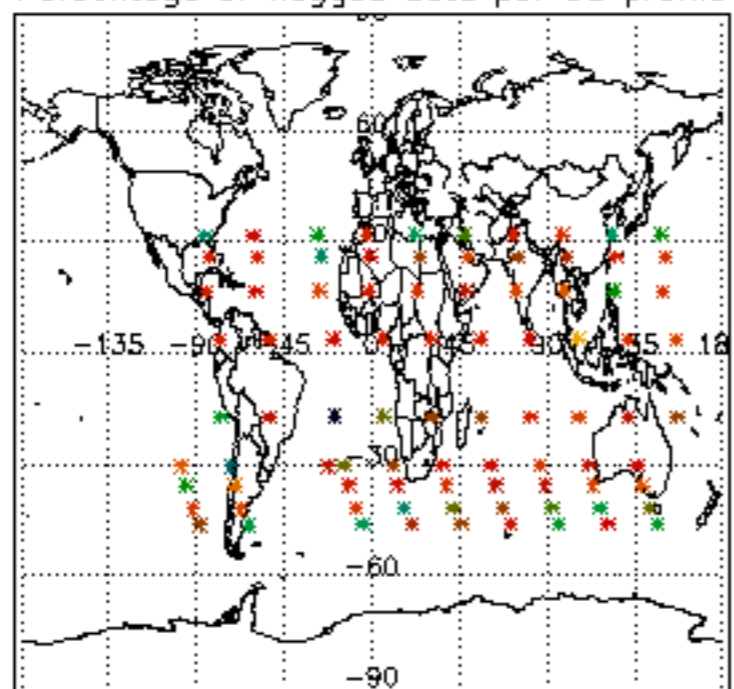
6. Auxiliary Data Files used for the production reported in section 2

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

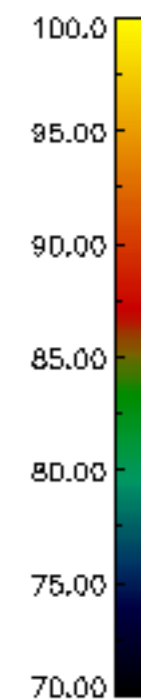
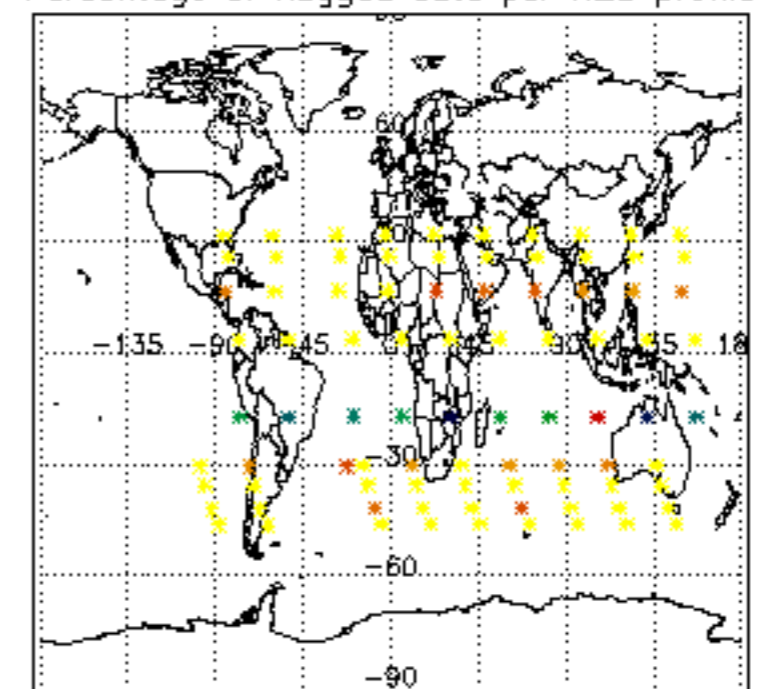
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-FEB-2007 00:01:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-FEB-2007 00:01:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-FEB-2007 00:01:15



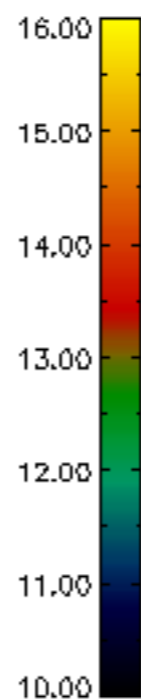
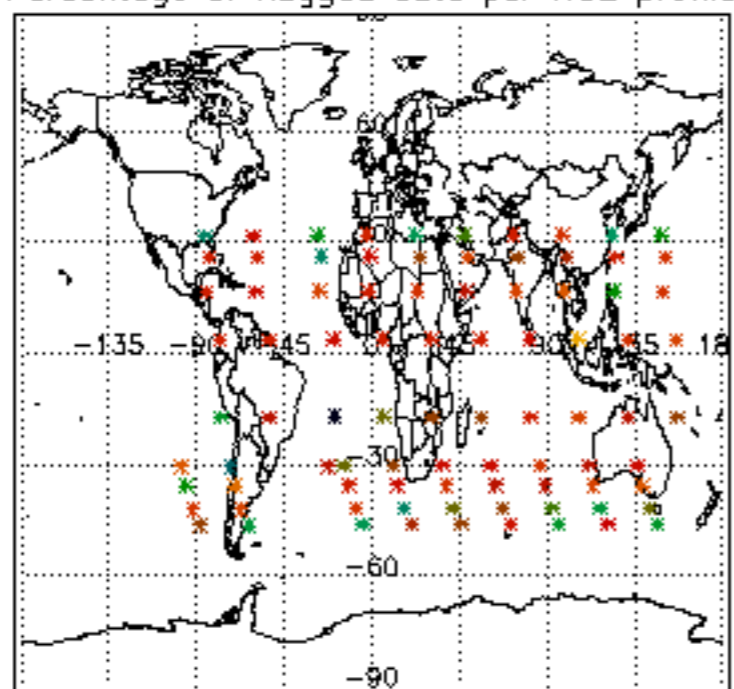
Percentage of flagged data per D3 profile



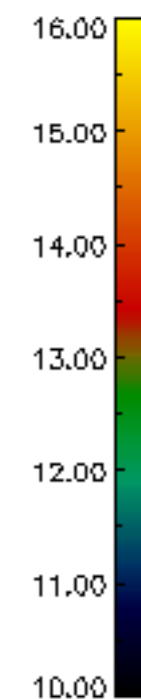
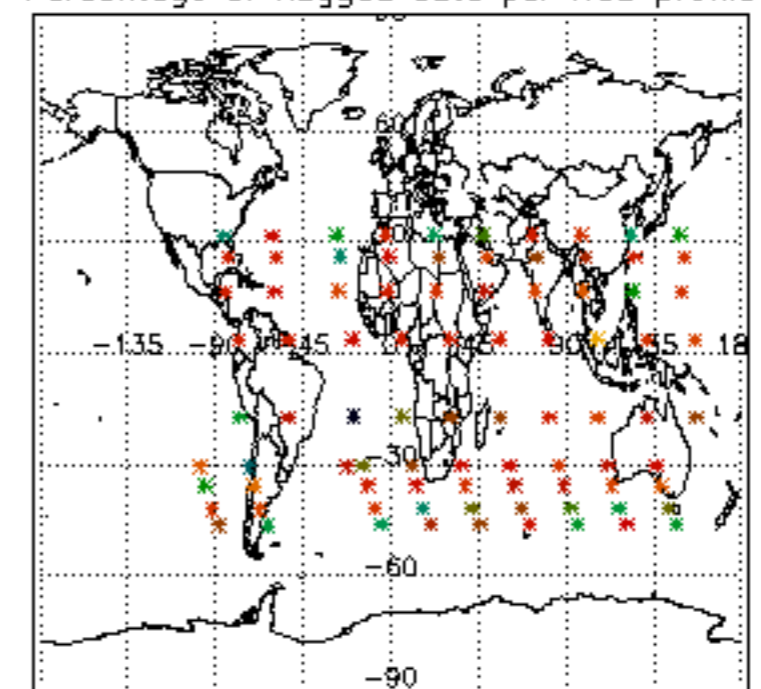
Percentage of flagged data per H2O profile

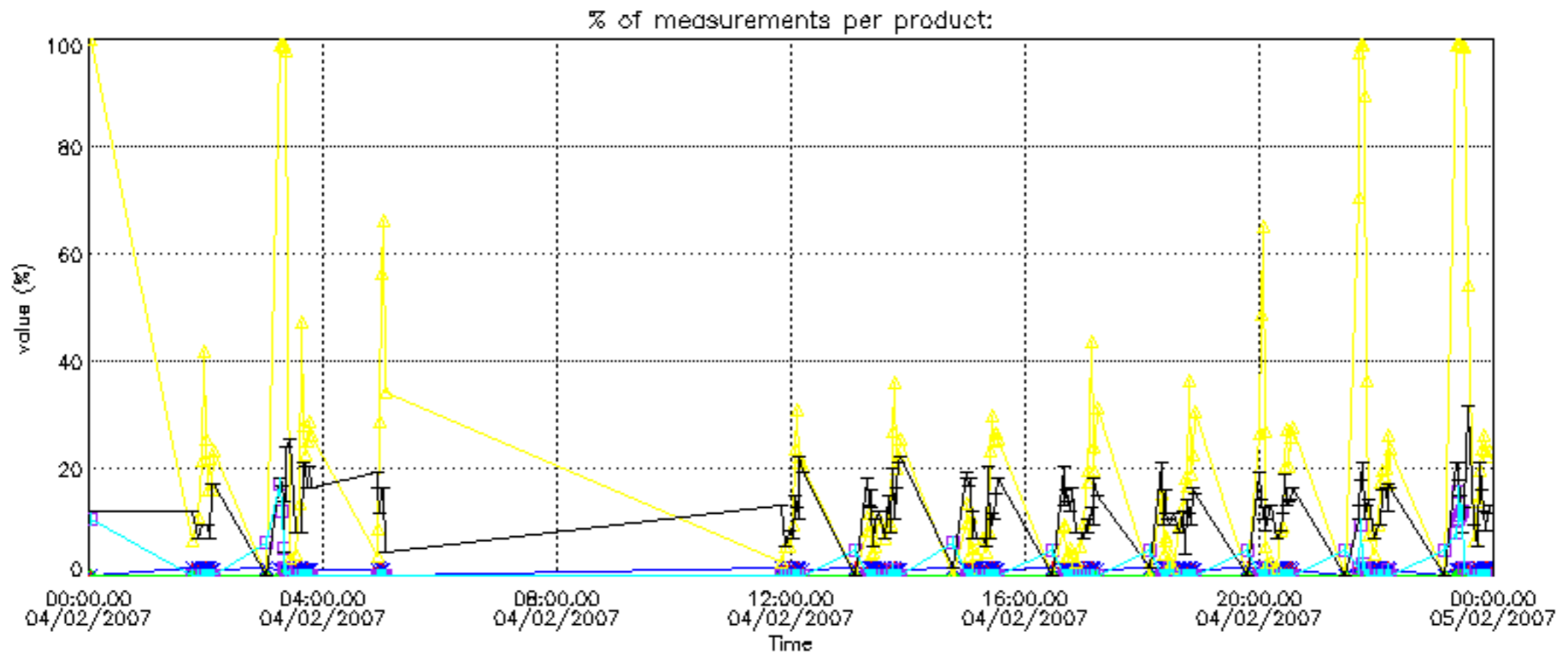


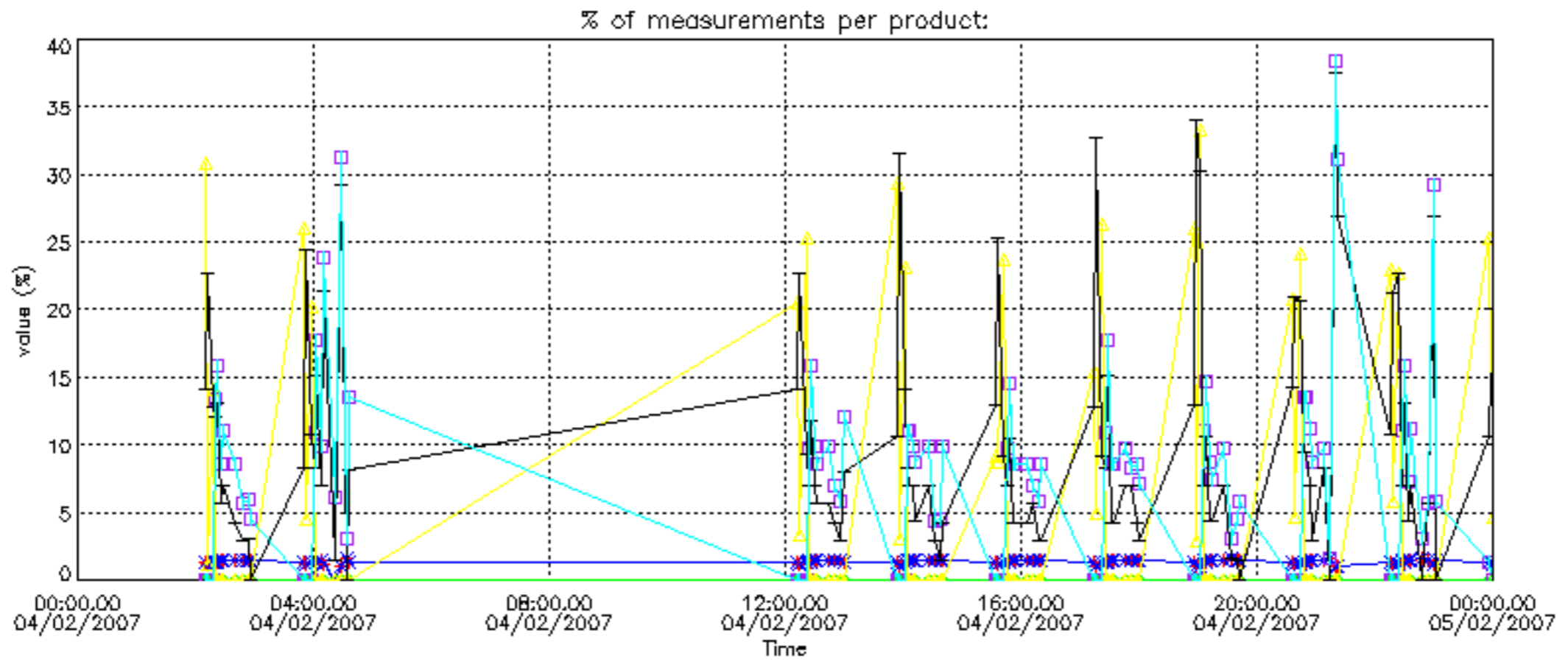
Percentage of flagged data per NO2 profile



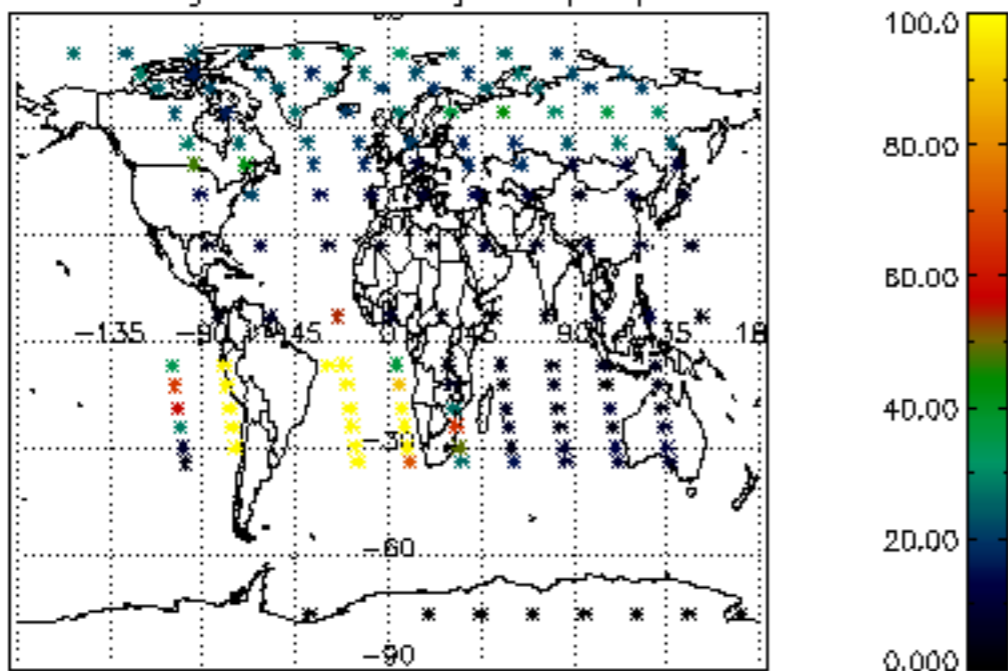
Percentage of flagged data per NO3 profile



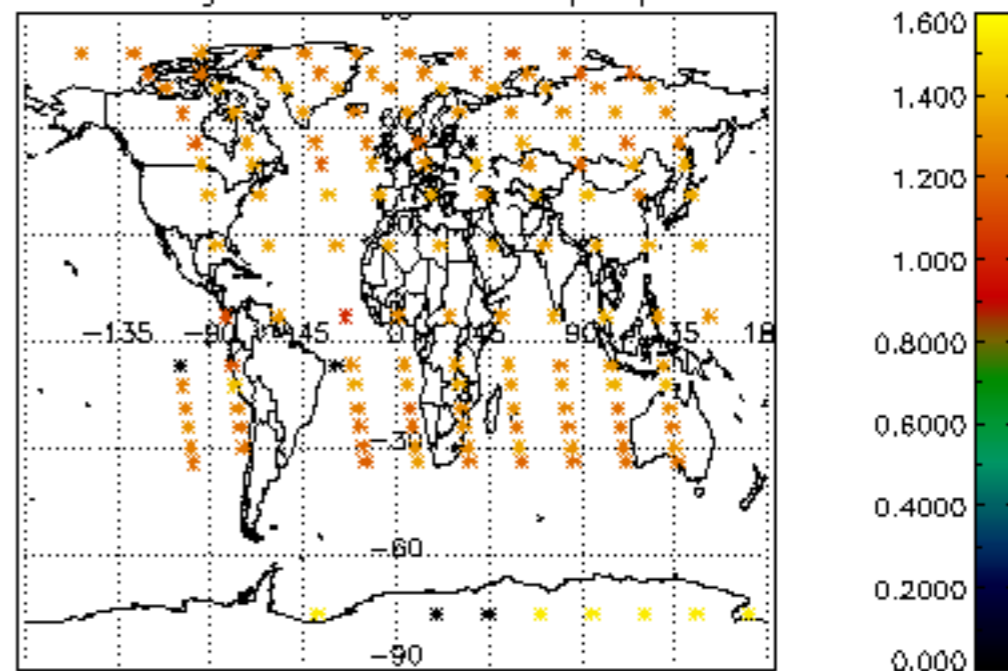




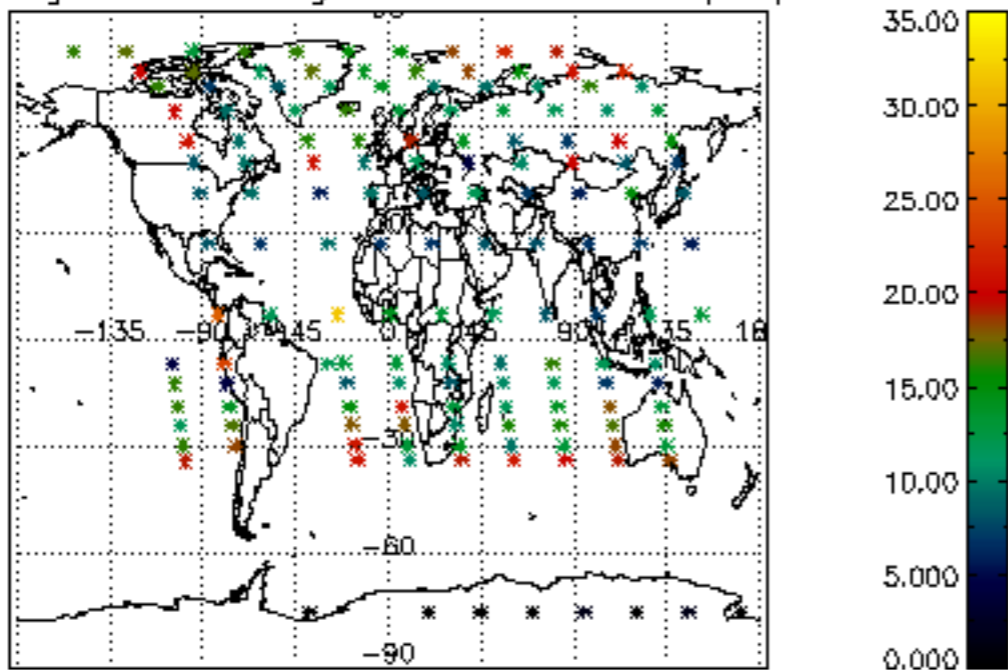
Percentage of cosmic ray hits per profile



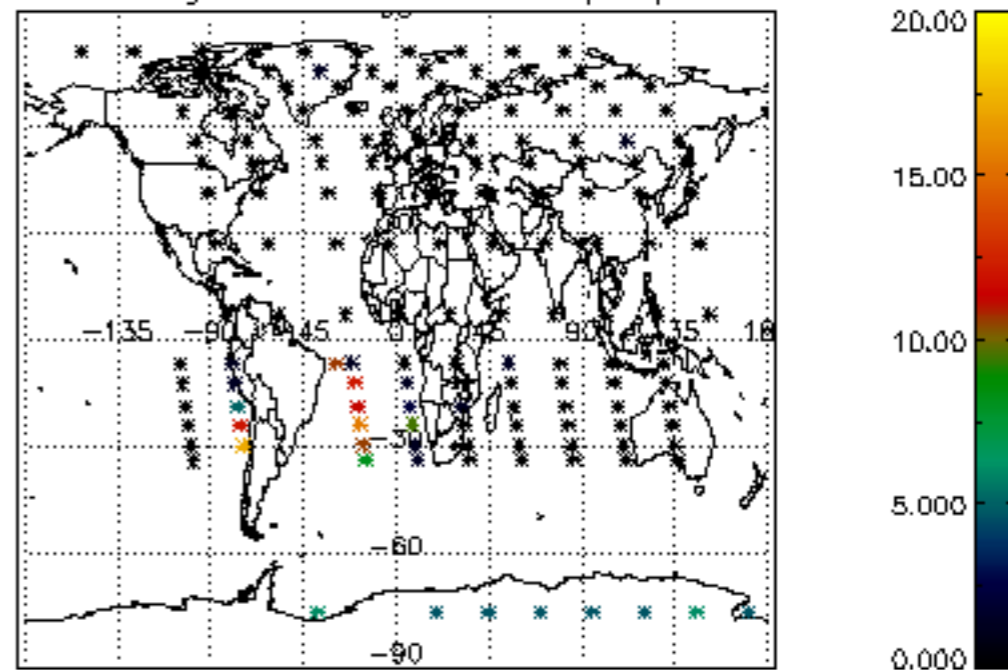
Percentage of datation errors per profile



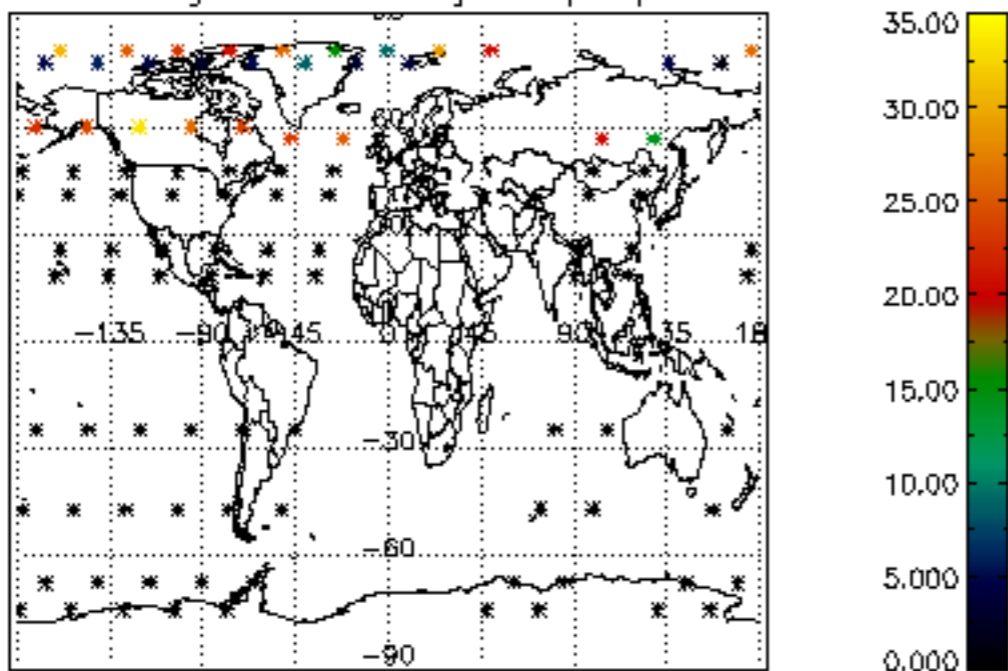
Percentage of star falling outside central band per profile



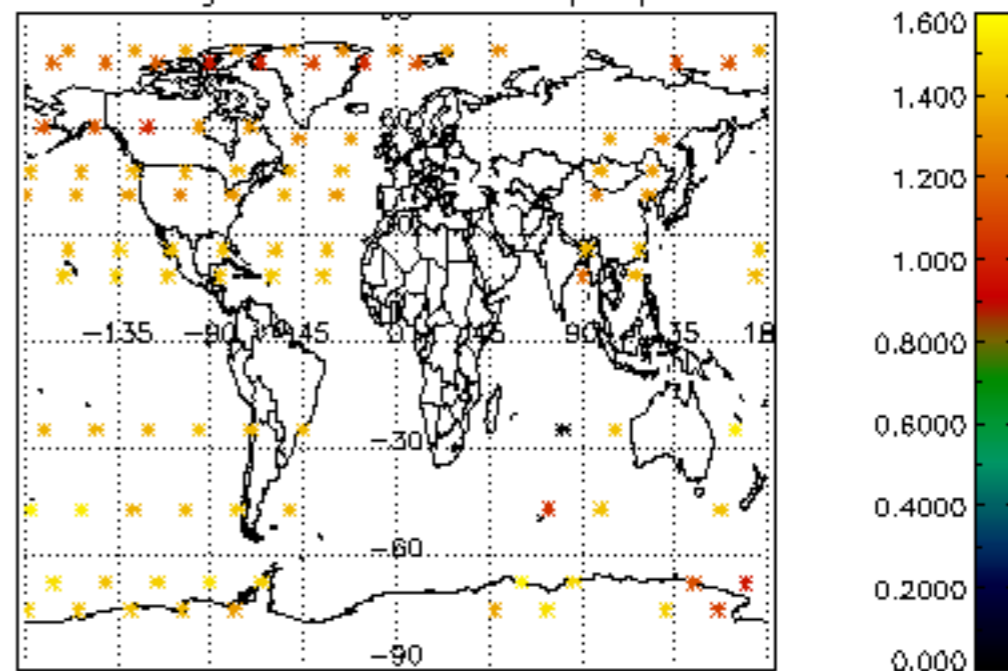
Percentage of saturation errors per profile



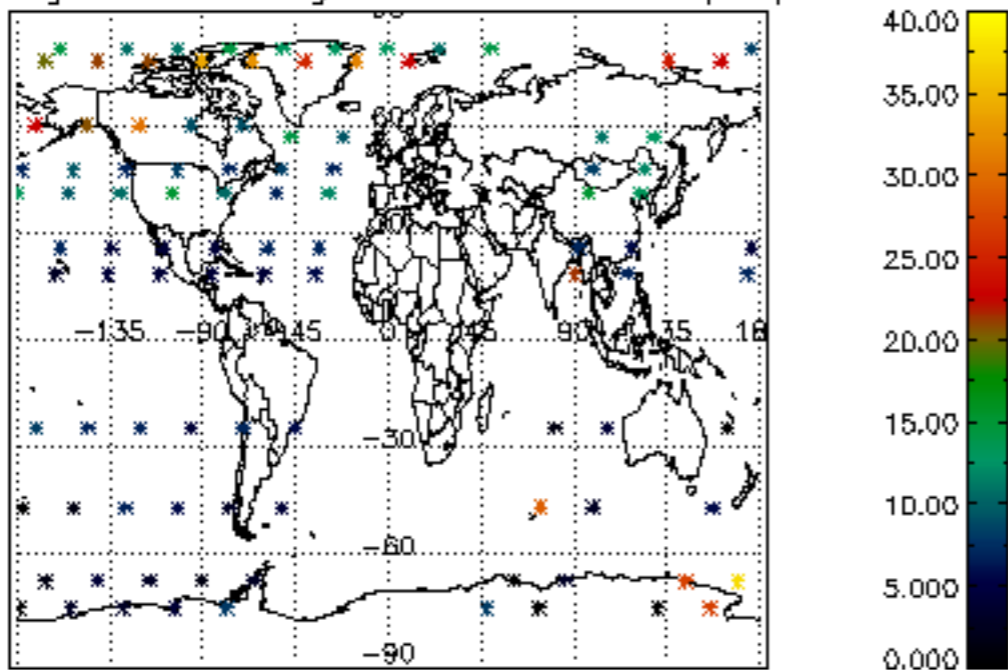
Percentage of cosmic ray hits per profile



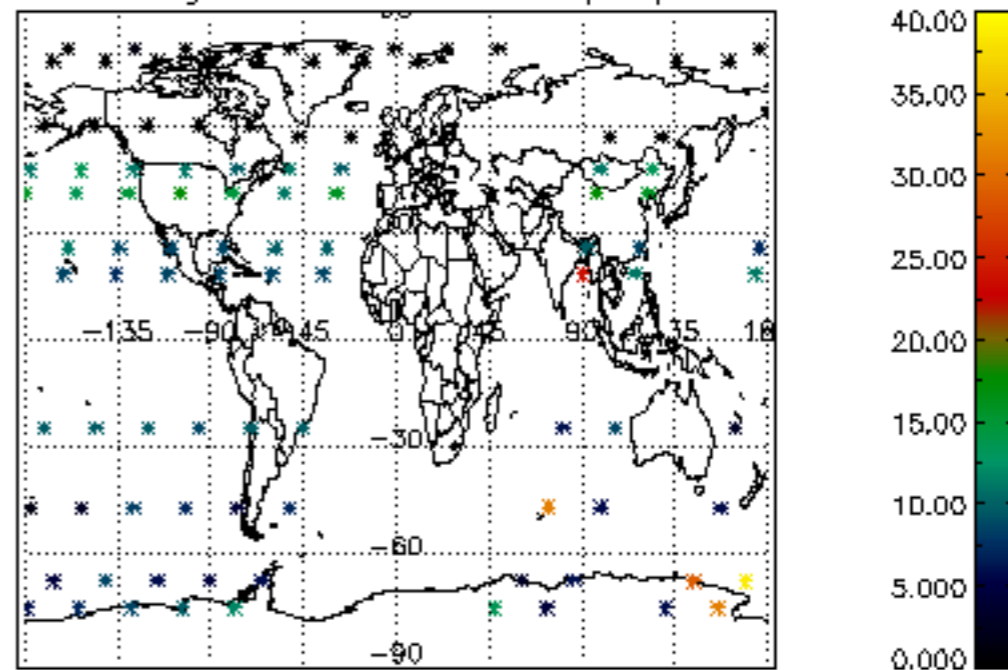
Percentage of datation errors per profile

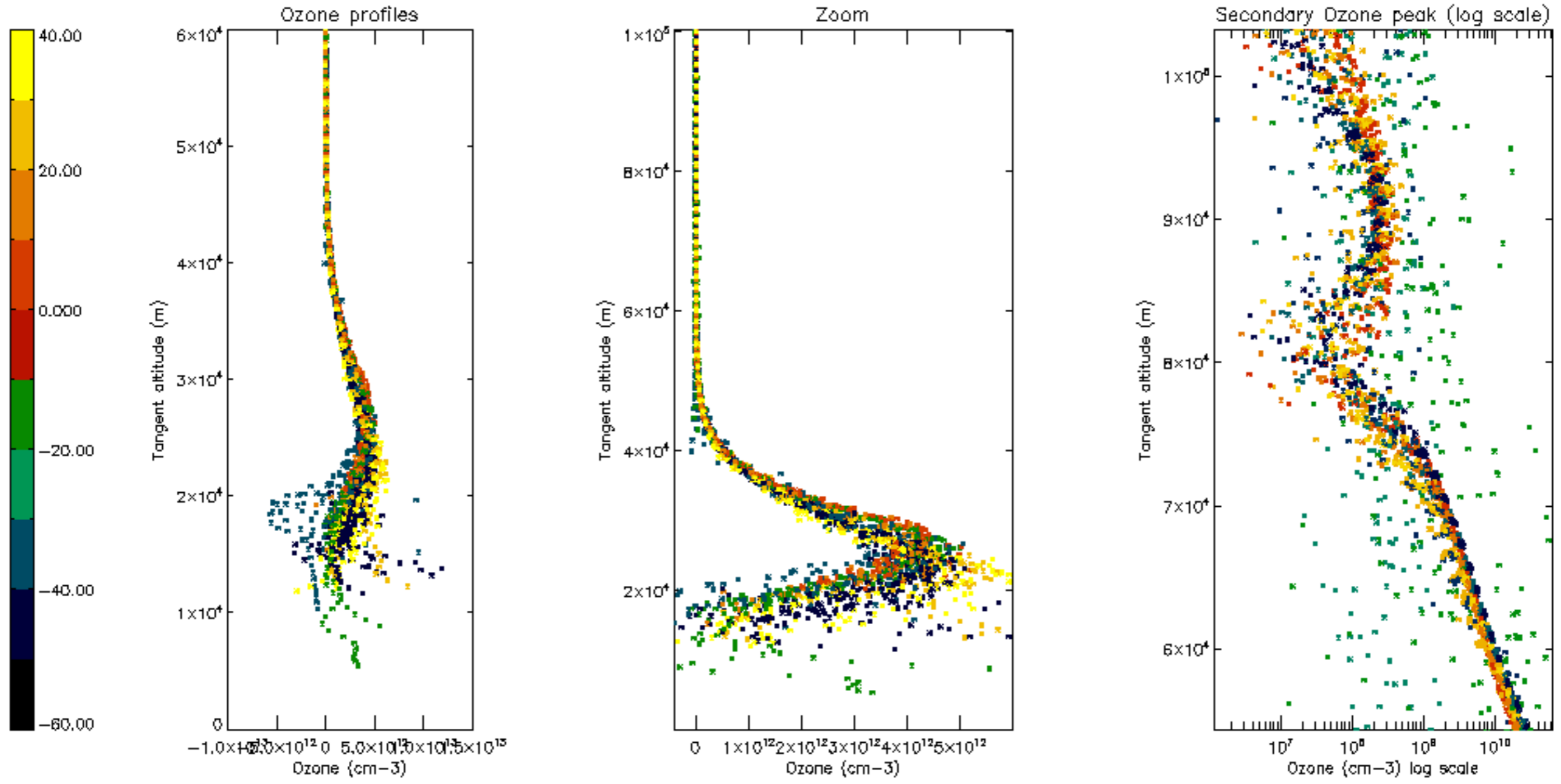


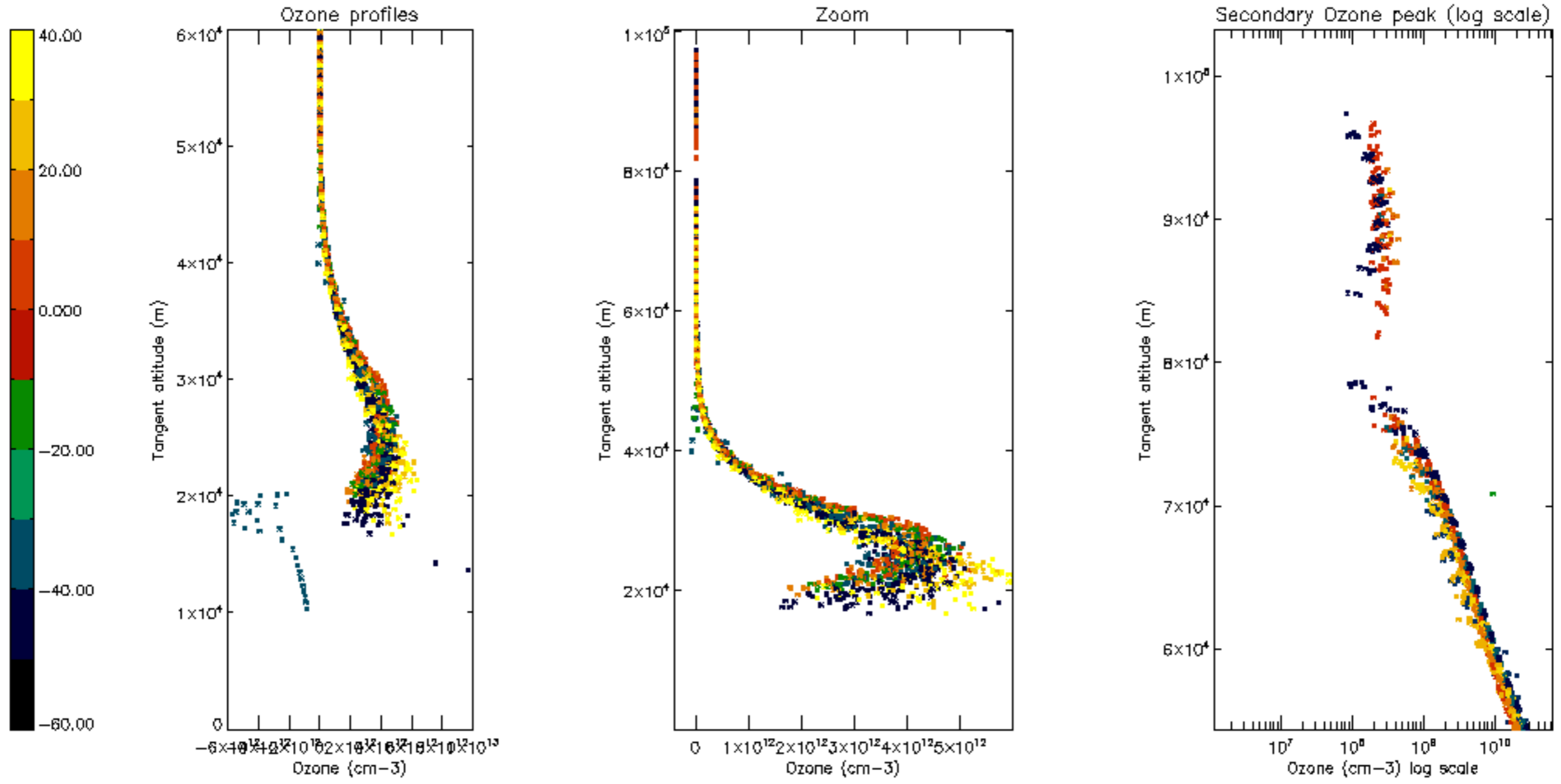
Percentage of star falling outside central band per profile

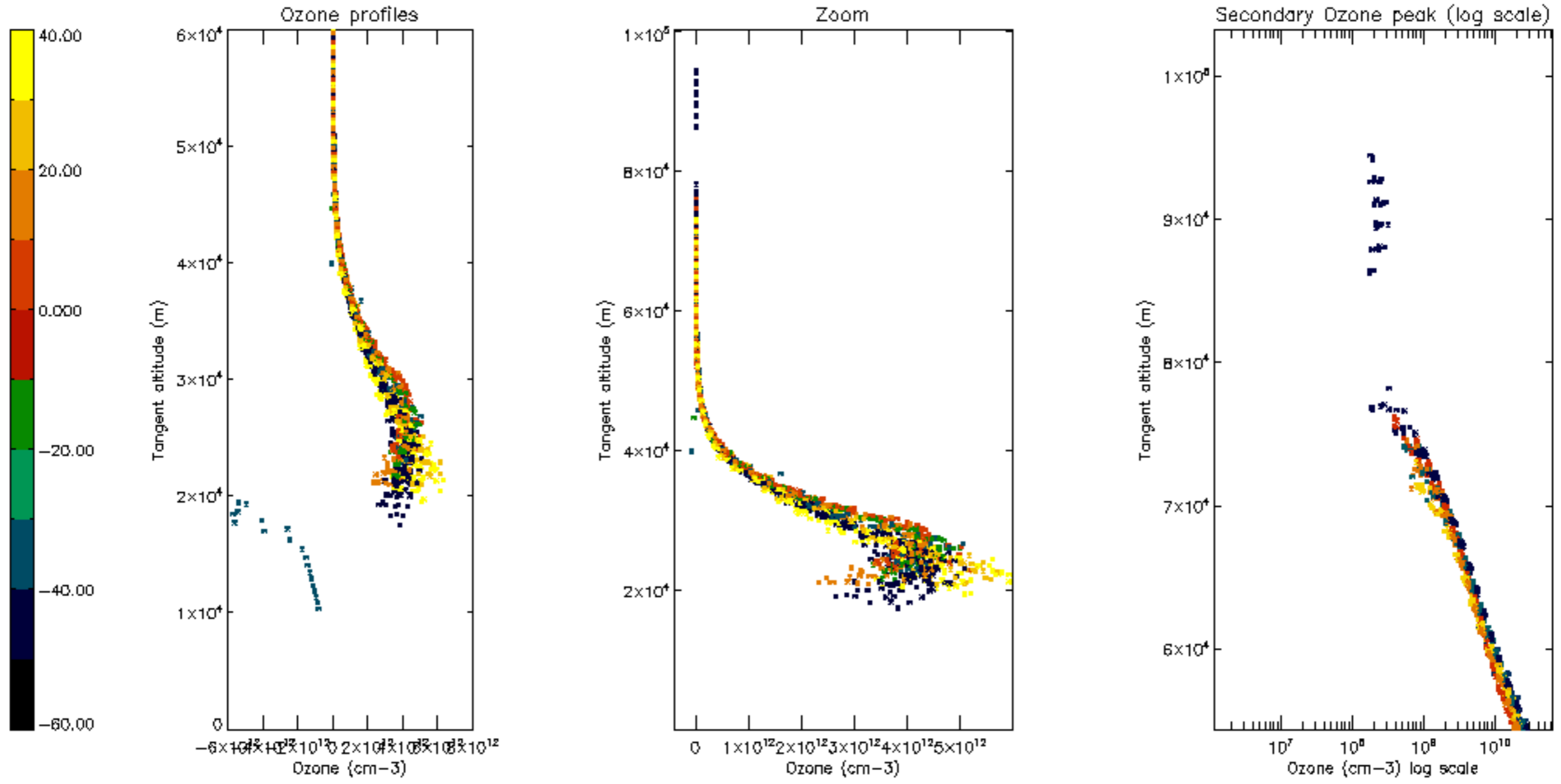


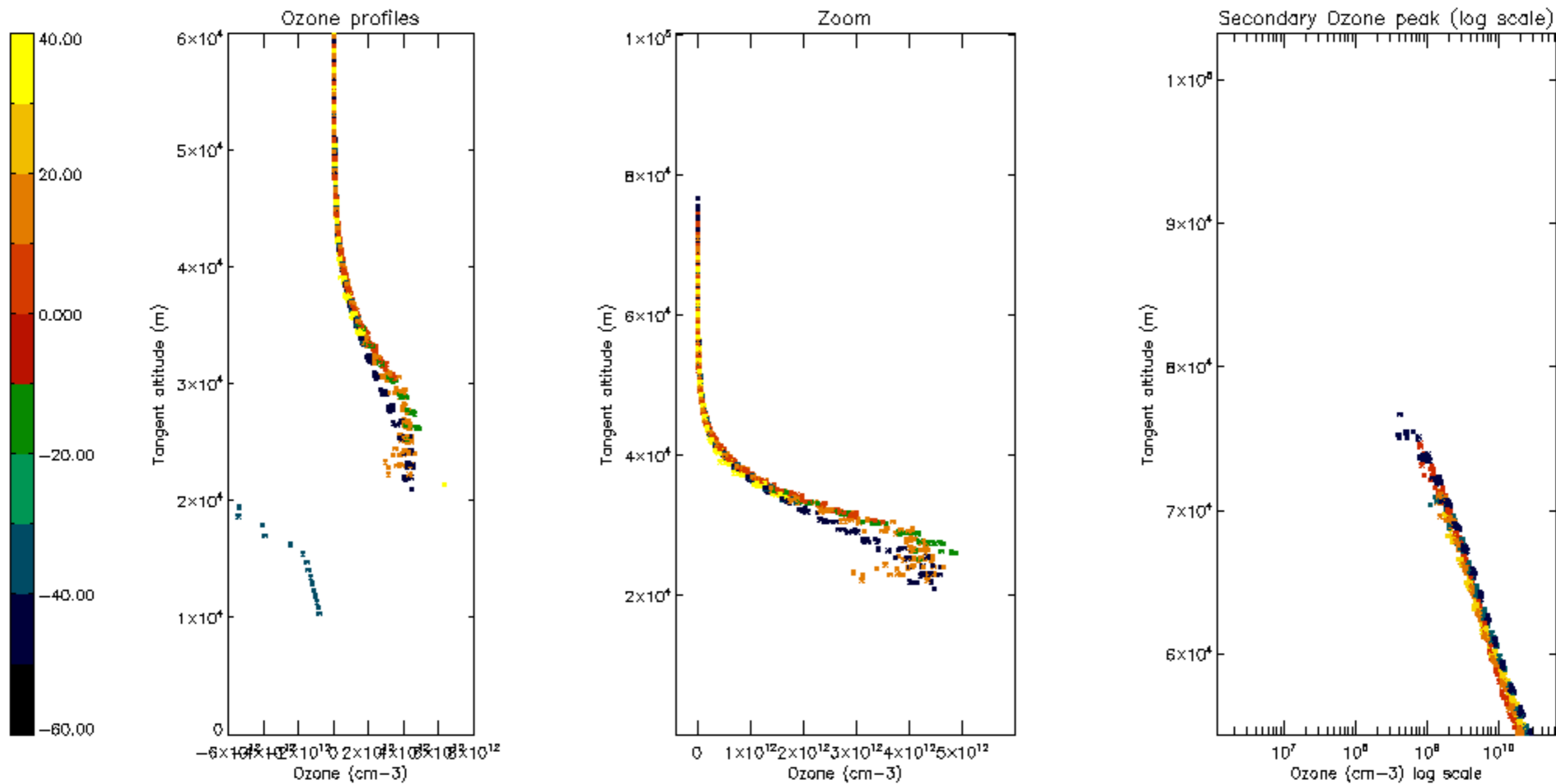
Percentage of saturation errors per profile

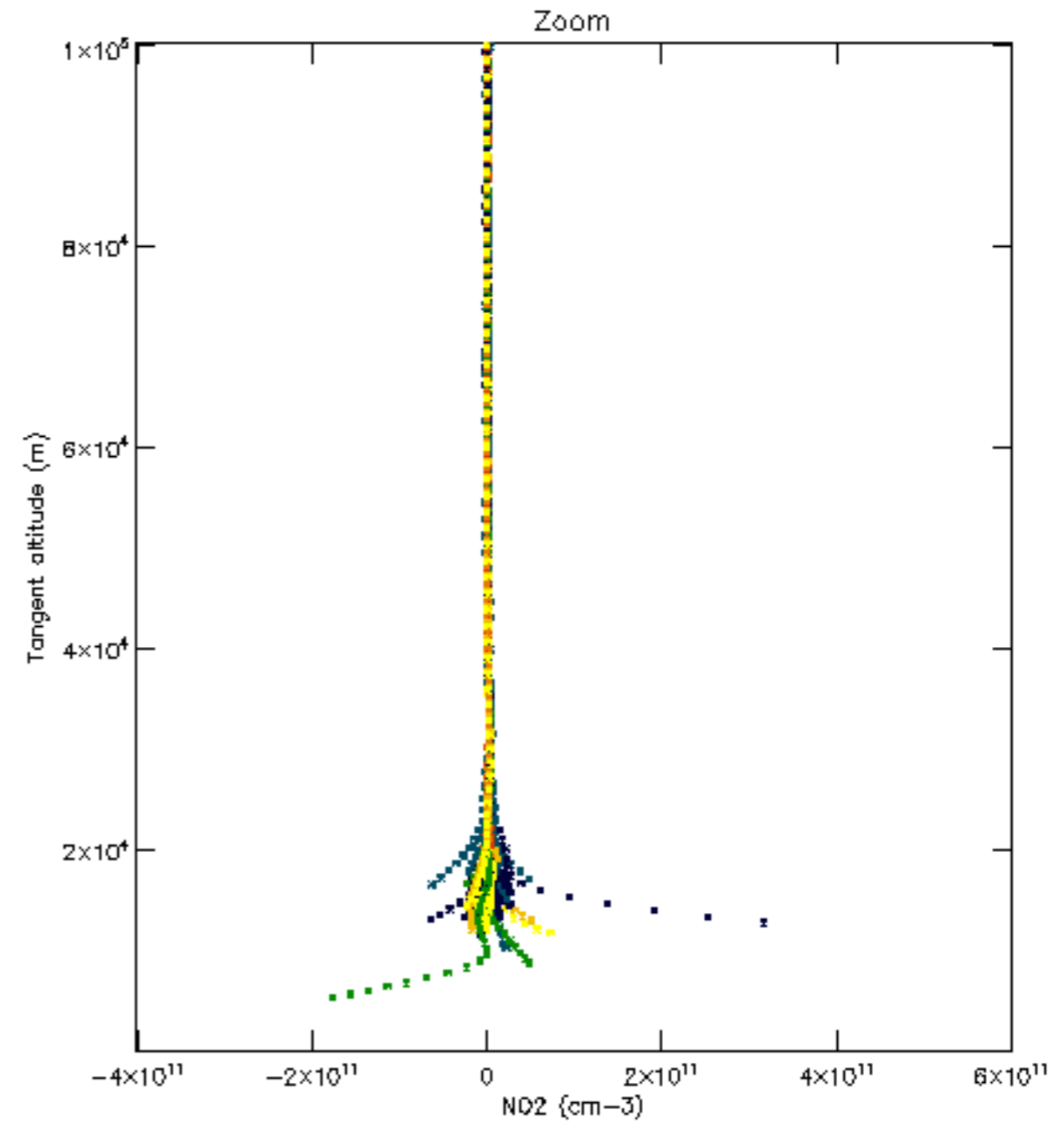
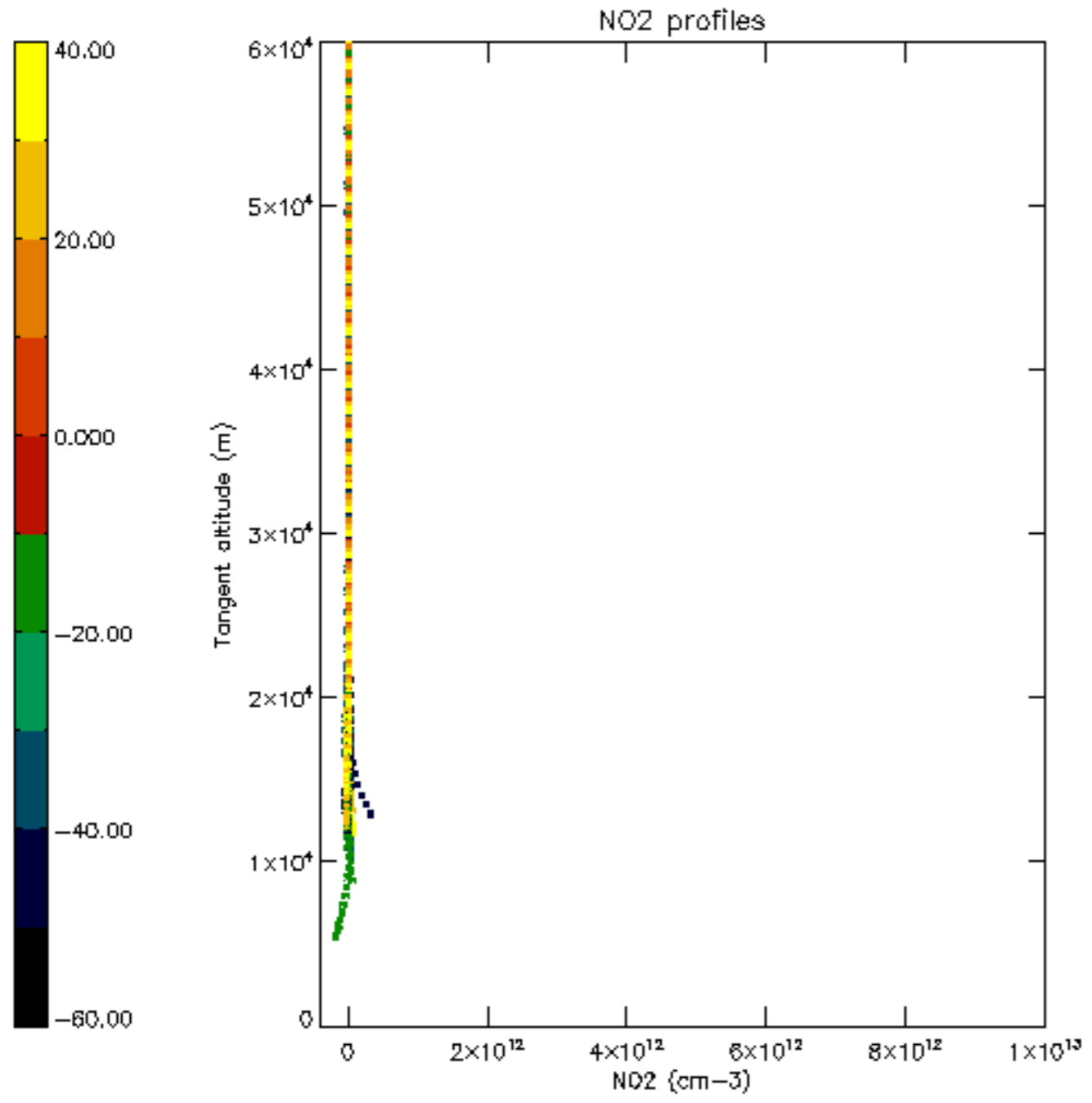


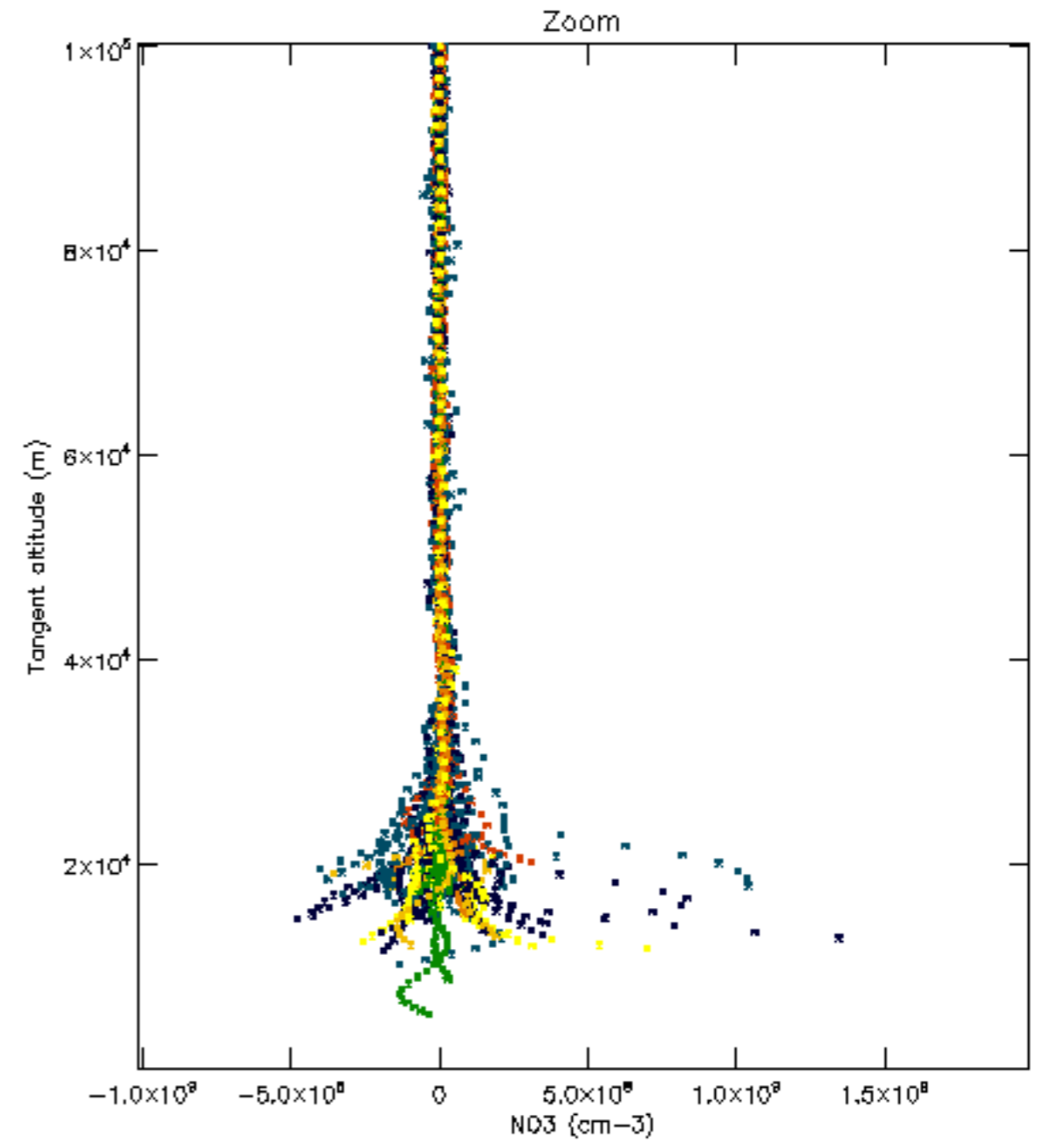
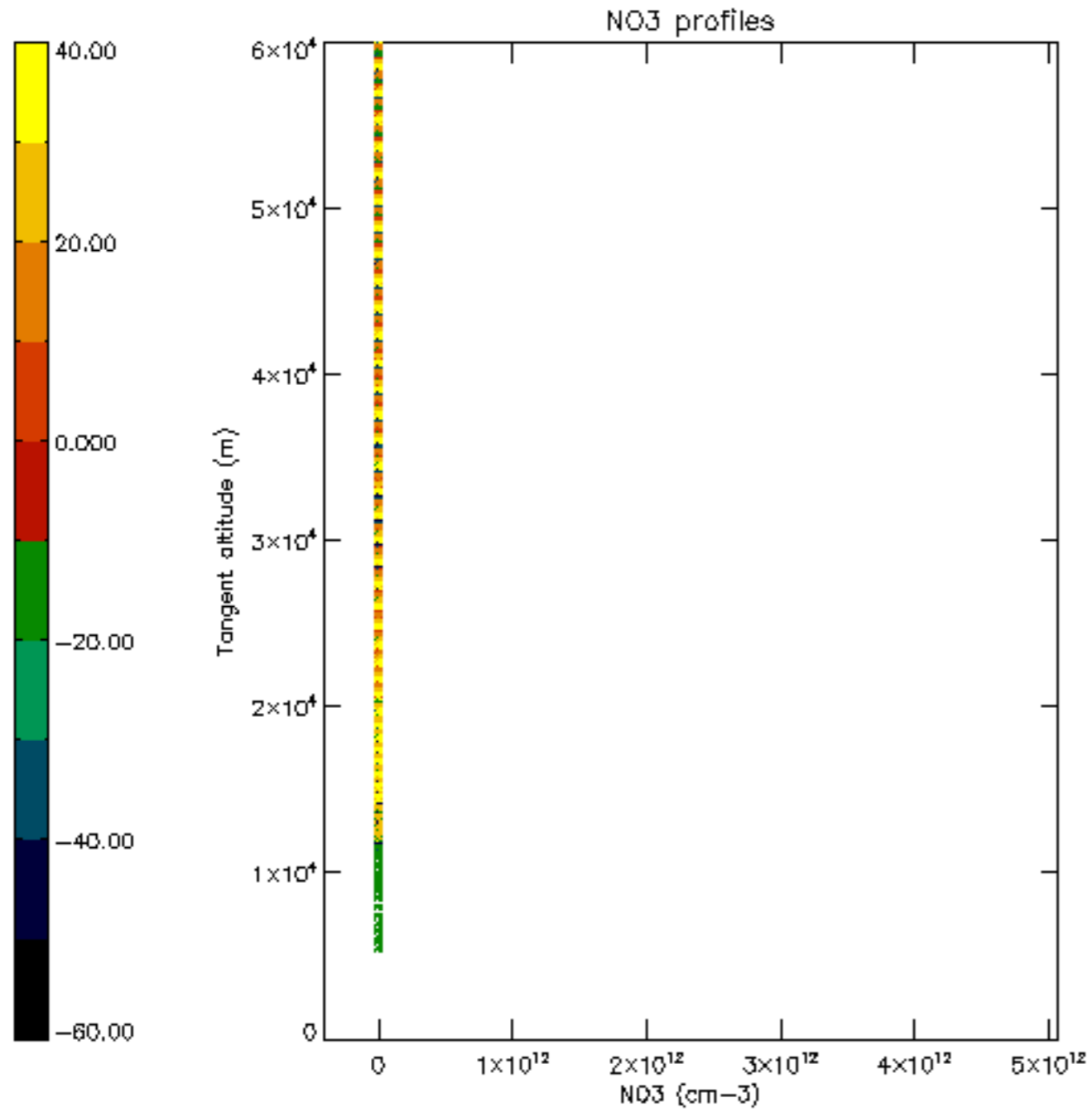


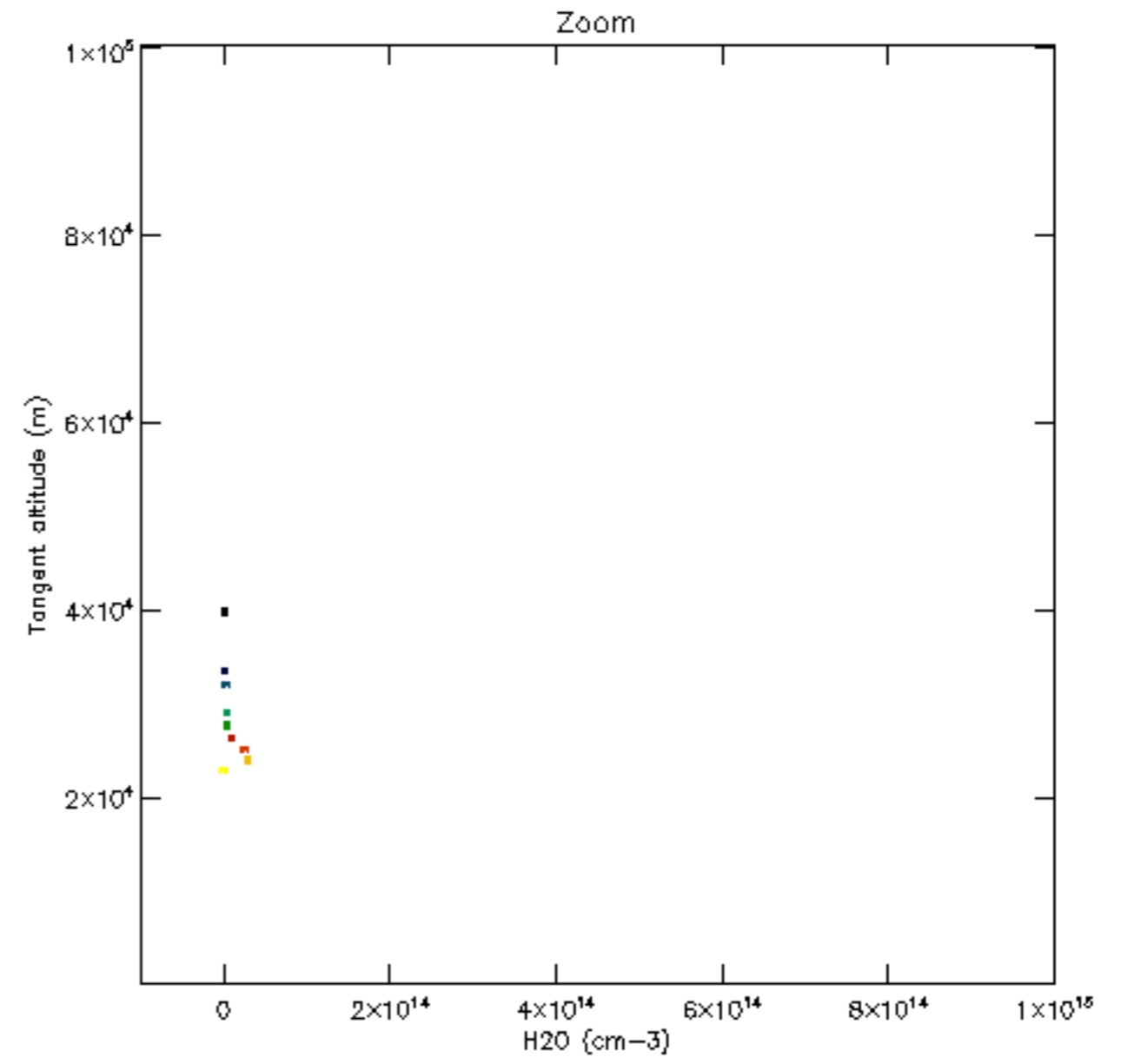
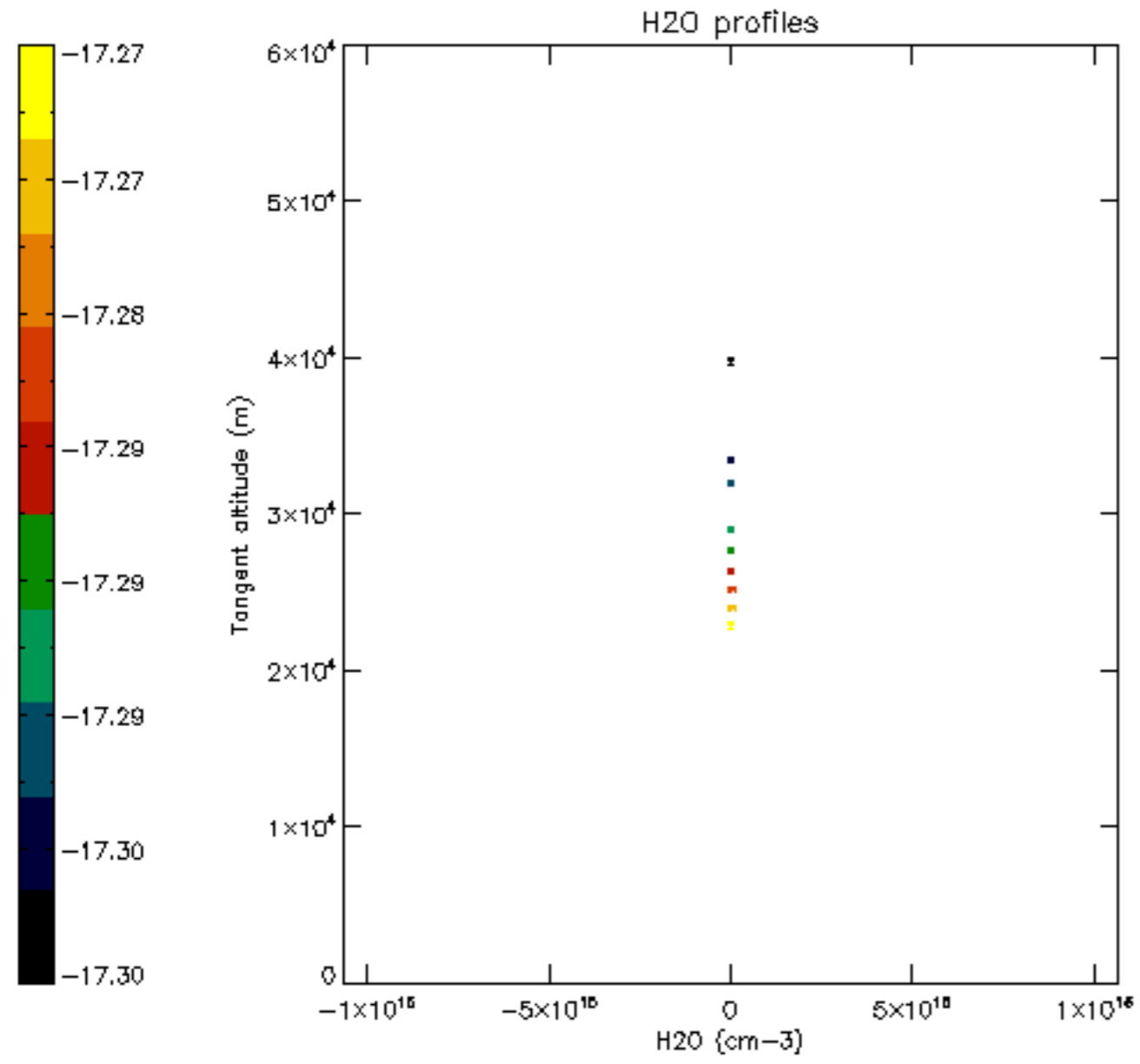


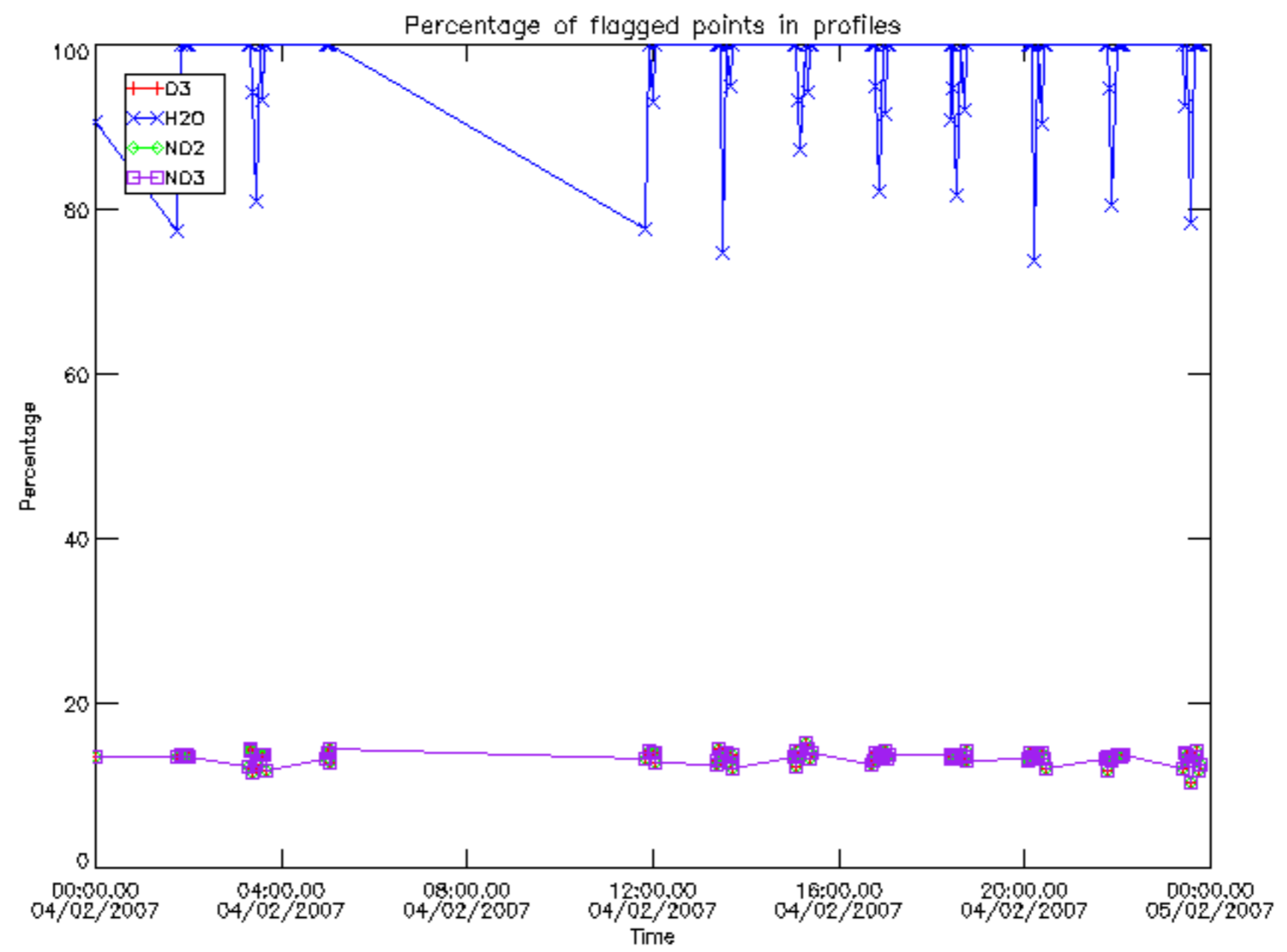




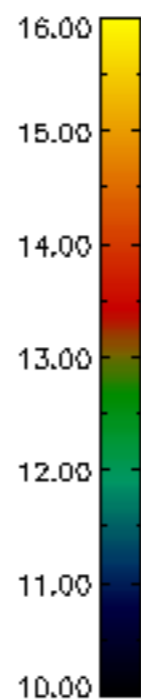
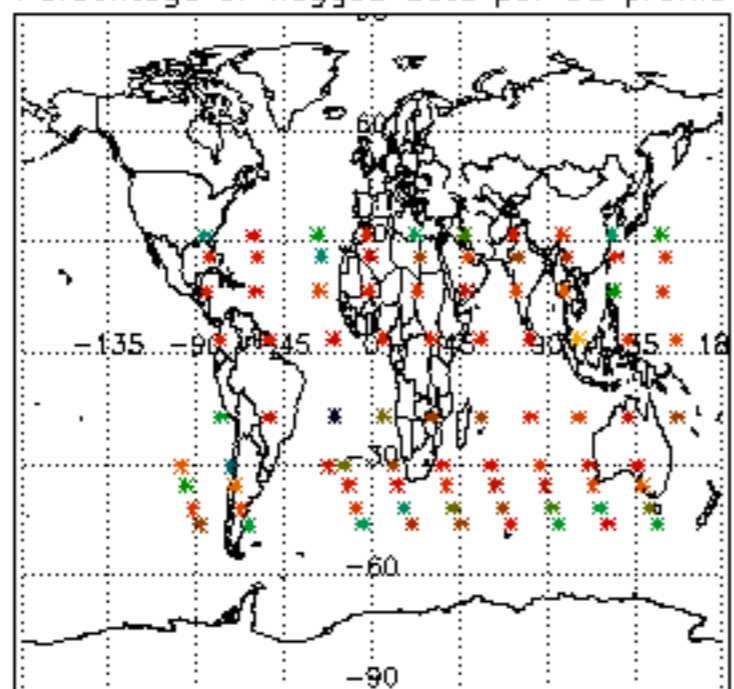




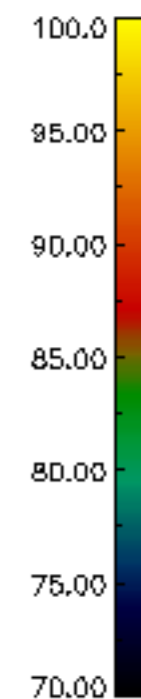
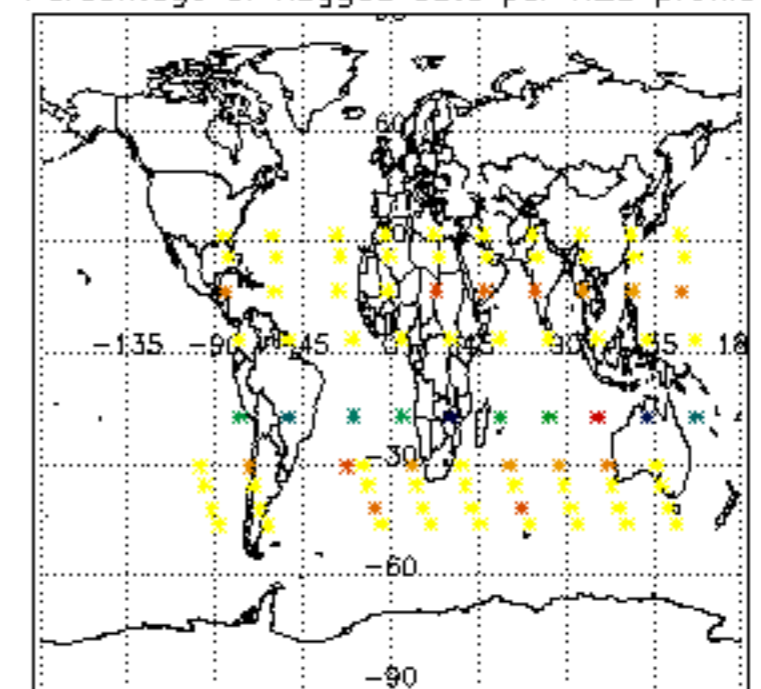




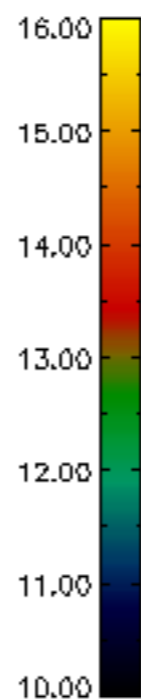
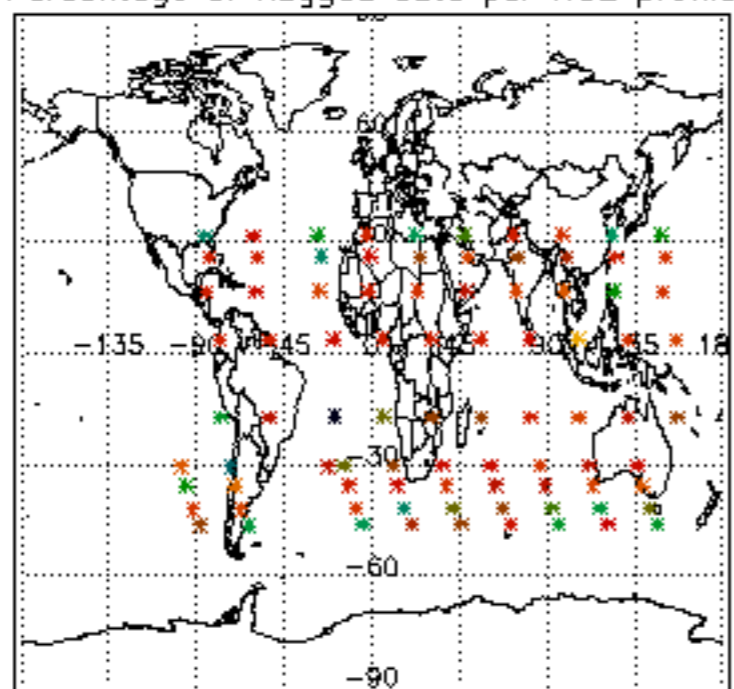
Percentage of flagged data per D3 profile



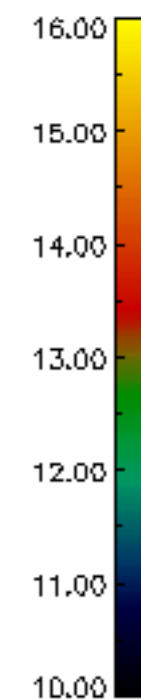
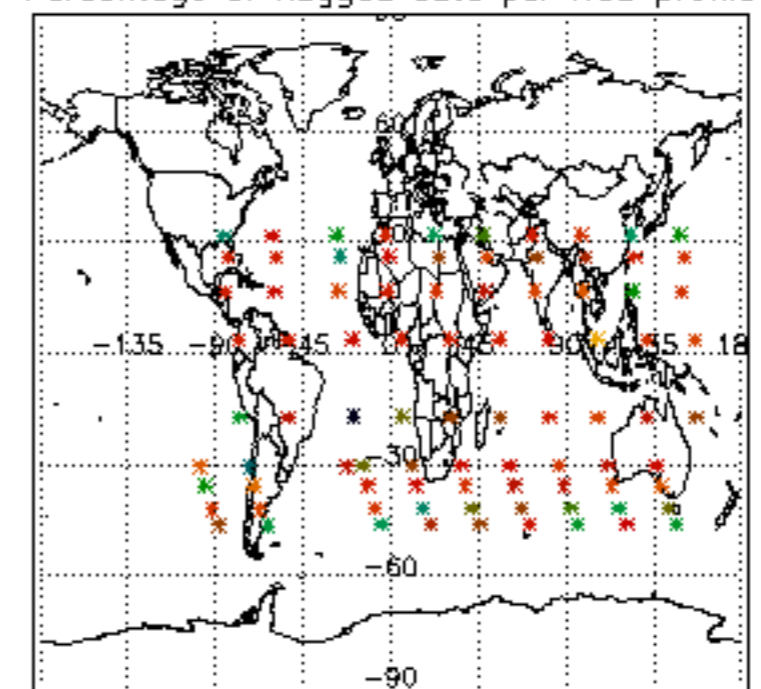
Percentage of flagged data per H2O profile

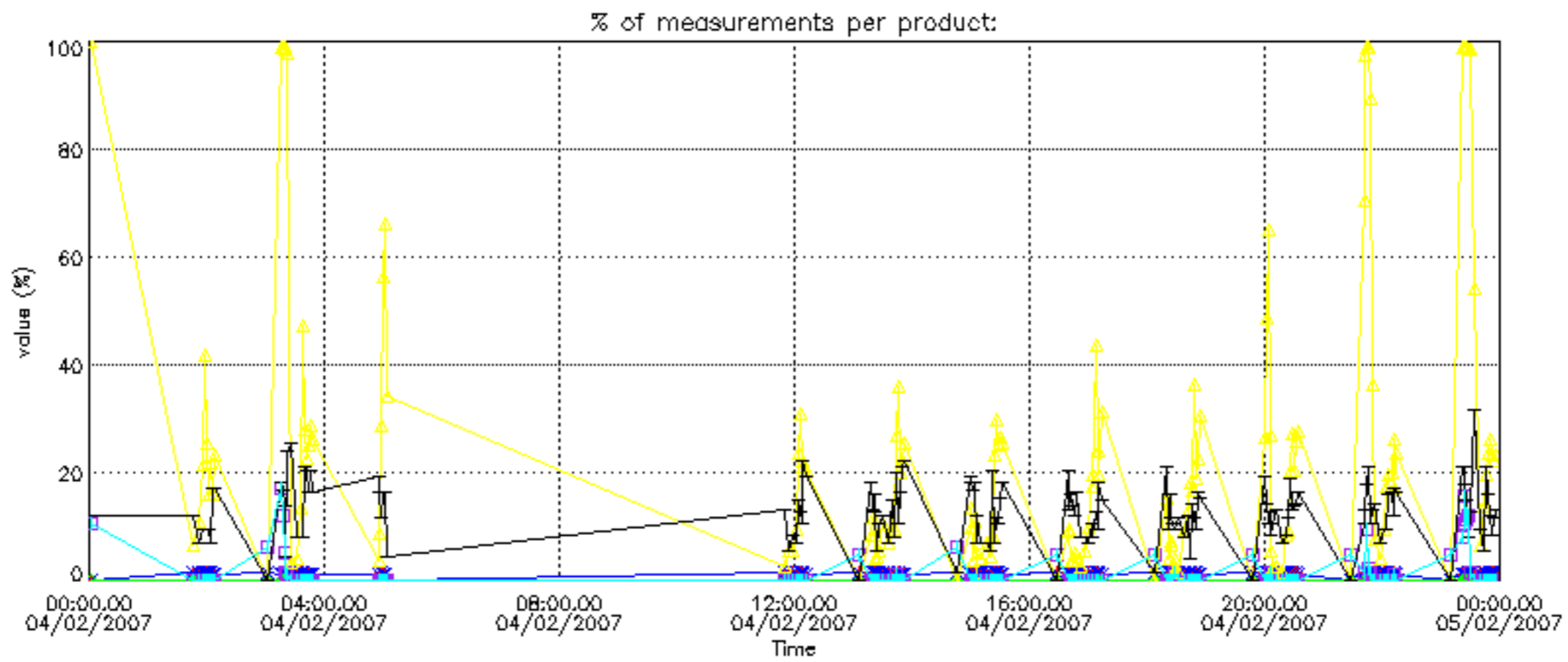
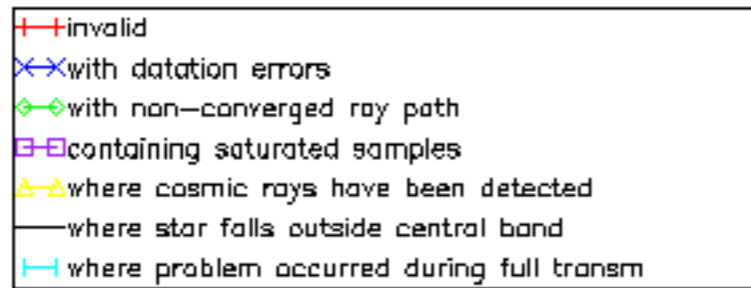


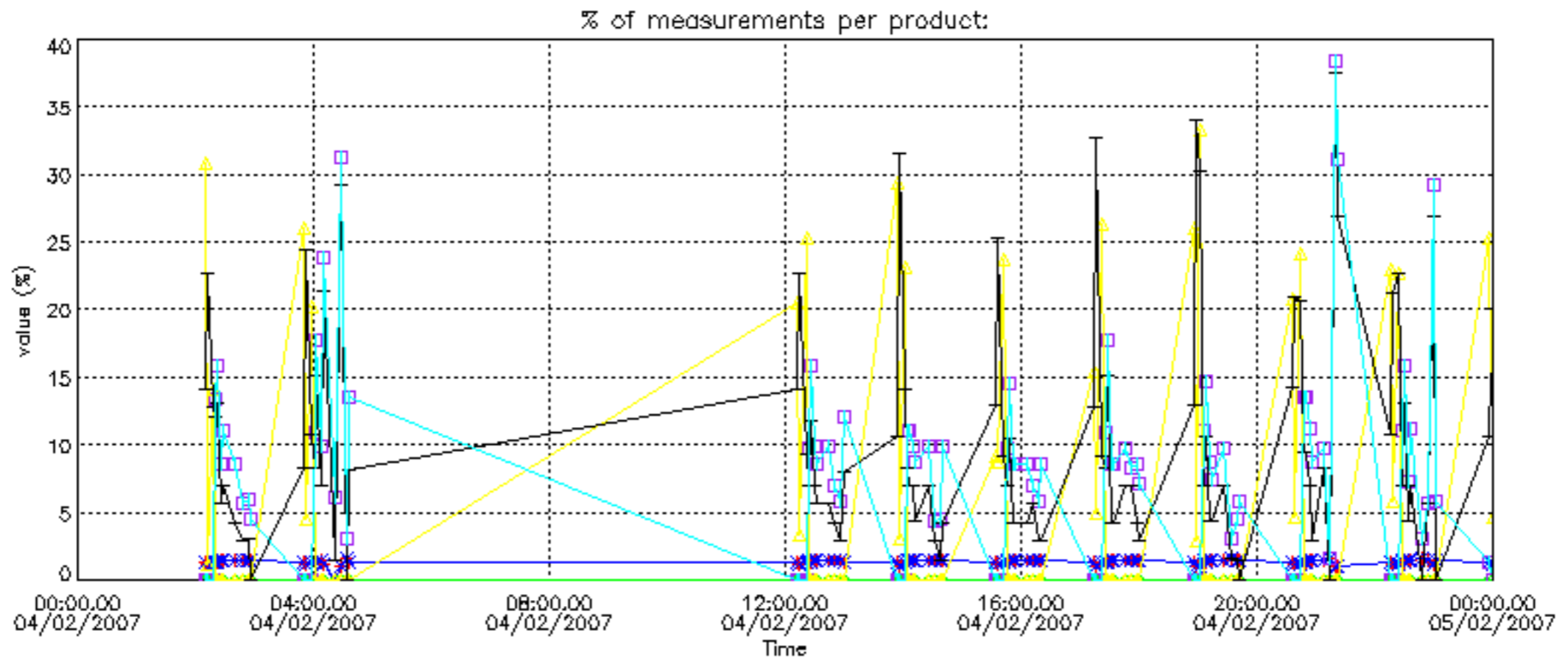
Percentage of flagged data per NO2 profile



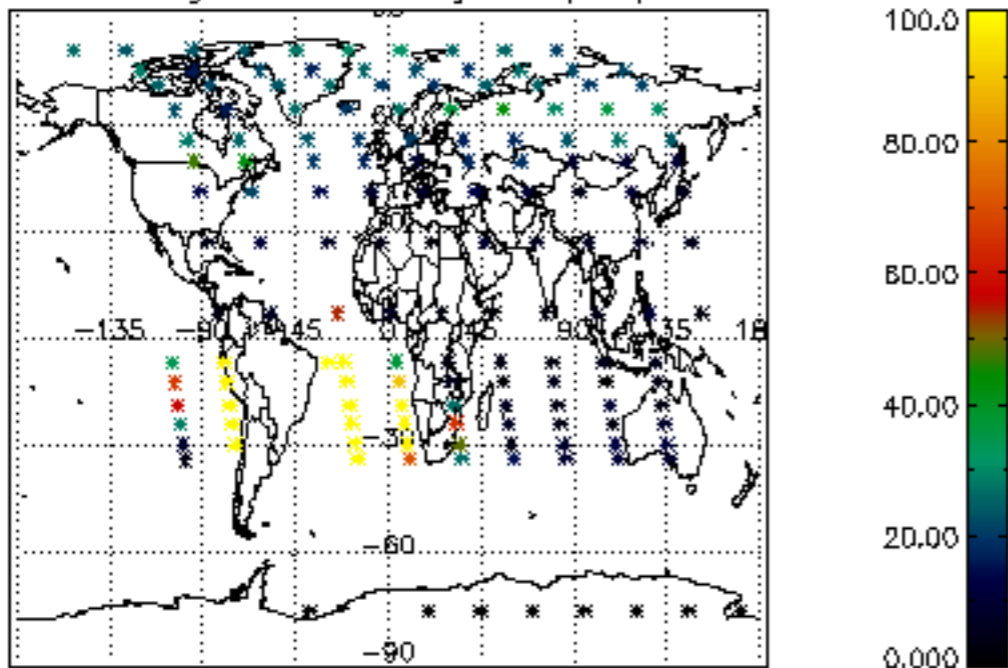
Percentage of flagged data per NO3 profile



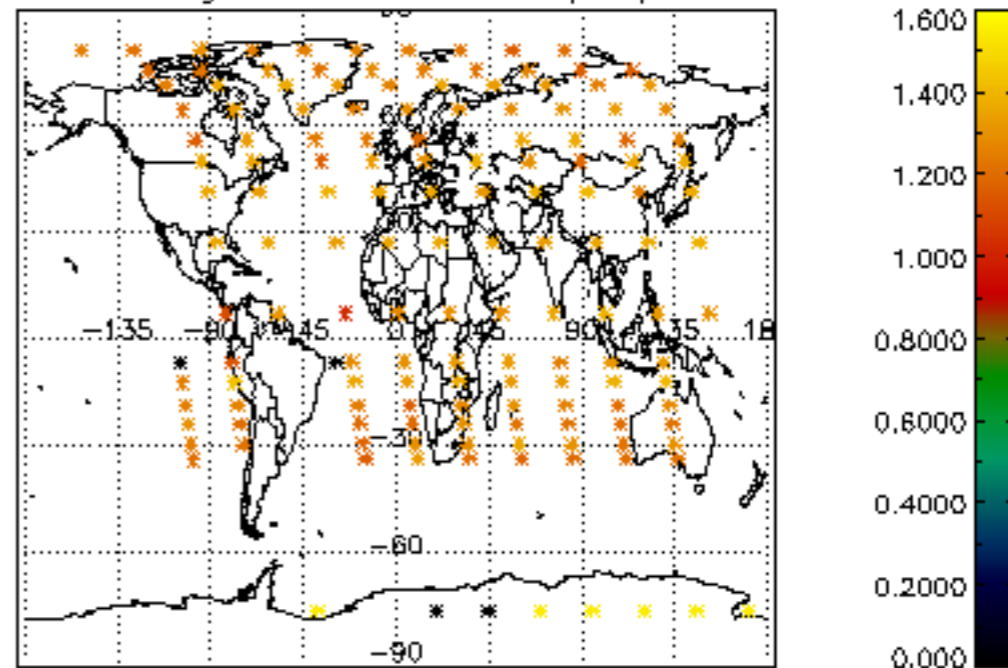




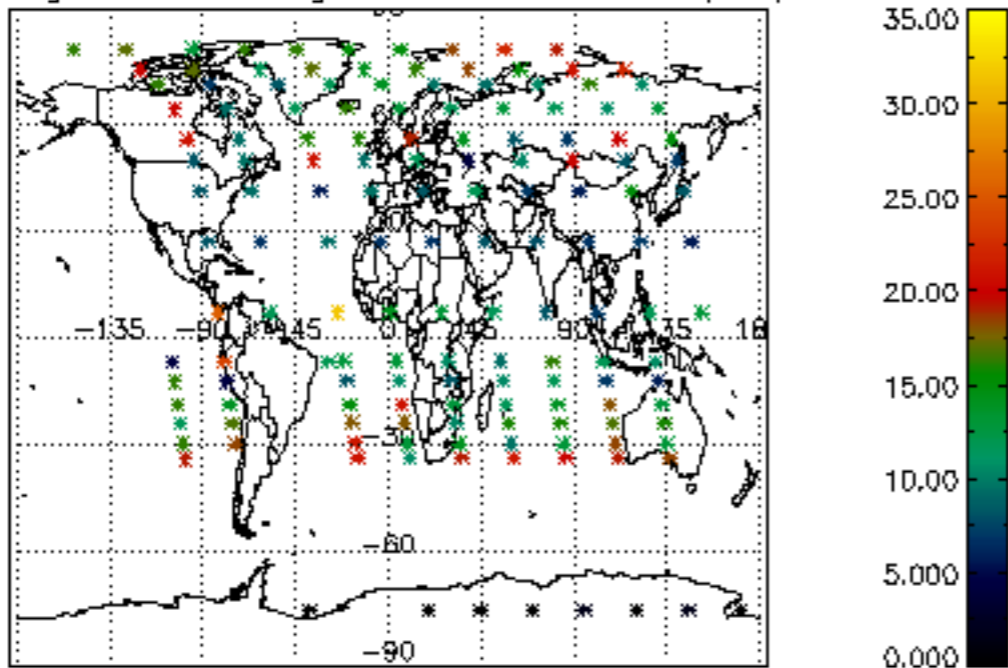
Percentage of cosmic ray hits per profile



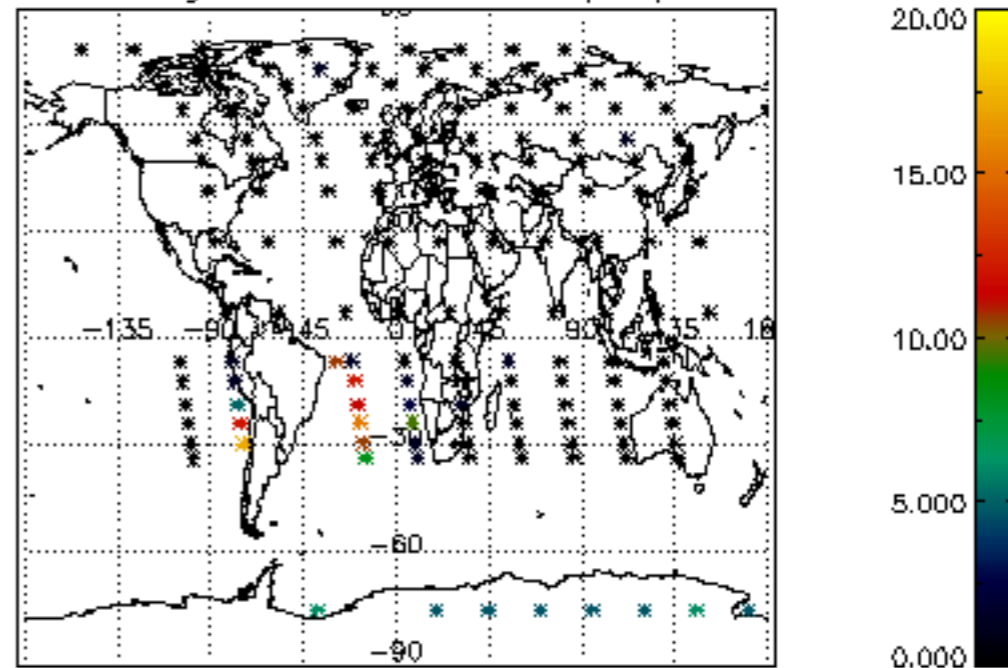
Percentage of datation errors per profile



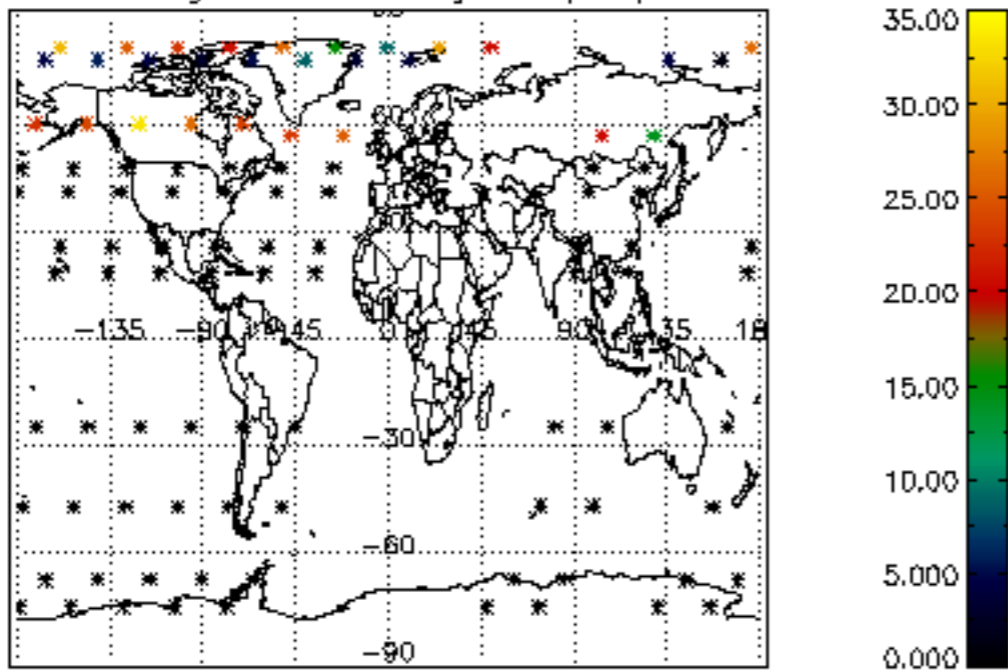
Percentage of star falling outside central band per profile



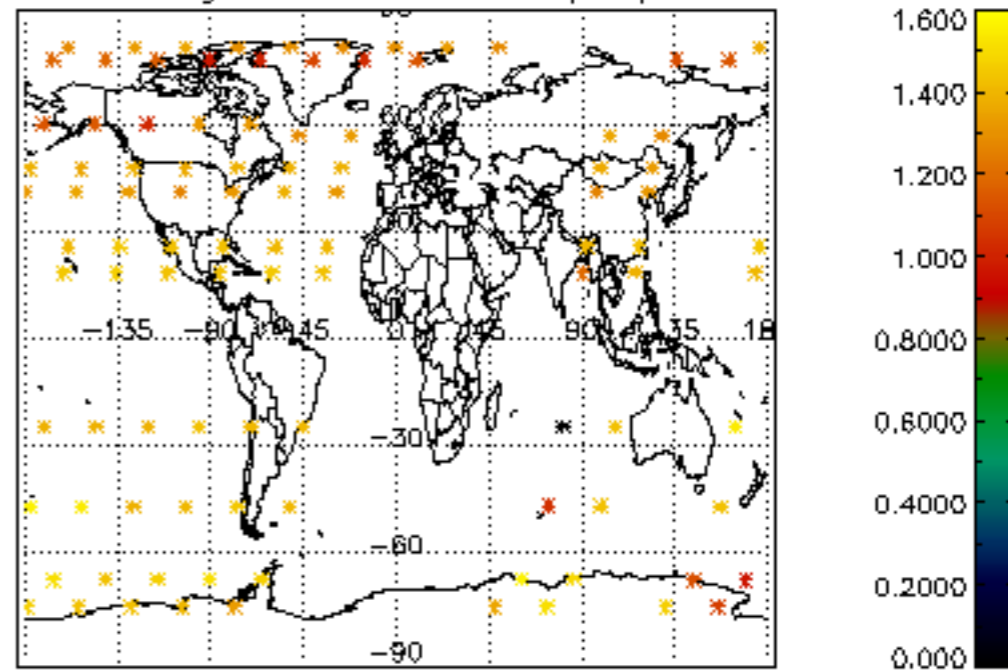
Percentage of saturation errors per profile



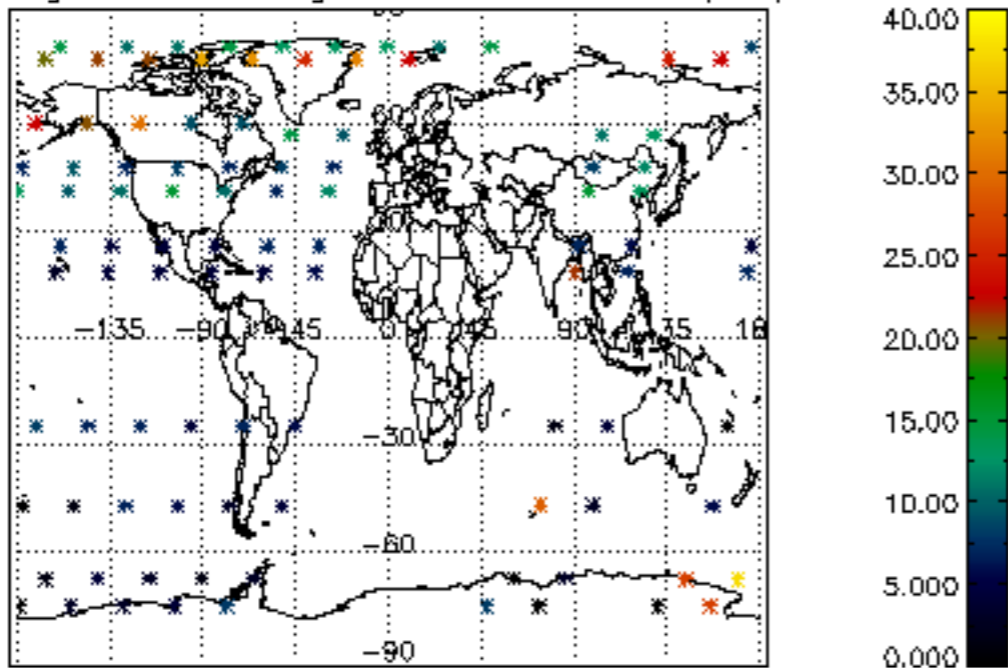
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

