

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	18APR2013 10:21:51
Data source version	GOMOS/6.01
Start time of products	06-08-2005 (06AUG2005 00:00:00)
Stop time of products	07-08-2005 (07AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	177
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__2PRFIN20050806_000204_000000392039_00360_17949_5502.N1	06-AUG-2005 00:02:04	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17949	No
2	GOM_NL__2PRFIN20050806_001009_000000422039_00360_17949_5503.N1	06-AUG-2005 00:10:09	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	17949	No
3	GOM_NL__2PRFIN20050806_001825_000000442039_00360_17949_5504.N1	06-AUG-2005 00:18:25	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	17949	No
4	GOM_NL__2PRFIN20050806_002048_000000372039_00360_17949_5505.N1	06-AUG-2005 00:20:48	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17949	No
5	GOM_NL__2PRFIN20050806_003031_000000352039_00360_17949_5506.N1	06-AUG-2005 00:30:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17949	No
6	GOM_NL__2PRFIN20050806_003737_000000382039_00360_17949_5507.N1	06-AUG-2005 00:37:37	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	17949	No
7	GOM_NL__2PRFIN20050806_004131_000000382039_00360_17949_5508.N1	06-AUG-2005 00:41:31	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17949	No
8	GOM_NL__2PRFIN20050806_004542_000000342039_00360_17949_5509.N1	06-AUG-2005 00:45:42	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	17949	No
9	GOM_NL__2PRFIN20050806_004946_000000332039_00360_17949_5510.N1	06-AUG-2005 00:49:46	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	17949	No
10	GOM_NL__2PRFIN20050806_012153_000000432039_00360_17949_5511.N1	06-AUG-2005 01:21:53	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	17949	No
11	GOM_NL__2PRFIN20050806_012509_000000412039_00360_17949_5512.N1	06-AUG-2005 01:25:09	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17949	No
12	GOM_NL__2PRFIN20050806_013112_000000232039_00360_17949_5513.N1	06-AUG-2005 01:31:12	Dark	23.000	161	Tau Pup	2.9310	4500.0	46	17949	No
13	GOM_NL__2PRFIN20050806_013156_000000382039_00360_17949_5514.N1	06-AUG-2005 01:31:56	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	17949	No
14	GOM_NL__2PRFIN20050806_014240_000000372039_00361_17950_5503.N1	06-AUG-2005 01:42:40	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17950	No
15	GOM_NL__2PRFIN20050806_015045_000000402039_00361_17950_5504.N1	06-AUG-2005 01:50:45	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	17950	No
16	GOM_NL__2PRFIN20050806_015901_000000432039_00361_17950_5505.N1	06-AUG-2005 01:59:01	Bright	43.000	103	38Zet Sgr	2.6000	9700.0	86	17950	No
17	GOM_NL__2PRFIN20050806_020124_000000372039_00361_17950_5506.N1	06-AUG-2005 02:01:24	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17950	No
18	GOM_NL__2PRFIN20050806_021813_000000362039_00361_17950_5507.N1	06-AUG-2005 02:18:13	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	17950	No
19	GOM_NL__2PRFIN20050806_022207_000000352039_00361_17950_5508.N1	06-AUG-2005 02:22:07	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	17950	No
20	GOM_NL__2PRFIN20050806_022619_000000352039_00361_17950_5509.N1	06-AUG-2005 02:26:19	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	17950	No
21	GOM_NL__2PRFIN20050806_023022_000000342039_00361_17950_5510.N1	06-AUG-2005 02:30:22	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17950	No
22	GOM_NL__2PRFIN20050806_030229_000000432039_00361_17950_5511.N1	06-AUG-2005 03:02:29	Dark	43.000	1	9Alp CMa	-1.4400	11000.	86	17950	No
23	GOM_NL__2PRFIN20050806_030459_000000122039_00361_17950_5512.N1	06-AUG-2005 03:04:59	Dark	12.000	37	25Del CMa	1.8300	5900.0	24	17950	No
24	GOM_NL__2PRFIN20050806_030545_000000422039_00361_17950_5513.N1	06-AUG-2005 03:05:45	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17950	No
25	GOM_NL__2PRFIN20050806_031232_000000442039_00361_17950_5514.N1	06-AUG-2005 03:12:32	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	17950	No
26	GOM_NL__2PRFIN20050806_032316_000000392039_00362_17951_5524.N1	06-AUG-2005 03:23:16	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17951	No
27	GOM_NL__2PRFIN20050806_033121_000000382039_00362_17951_5525.N1	06-AUG-2005 03:31:21	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17951	No
28	GOM_NL__2PRFIN20050806_033937_000000412039_00362_17951_5526.N1	06-AUG-2005 03:39:37	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17951	No
29	GOM_NL__2PRFIN20050806_034200_000000372039_00362_17951_5527.N1	06-AUG-2005 03:42:00	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17951	No
30	GOM_NL__2PRFIN20050806_035143_000000352039_00362_17951_5528.N1	06-AUG-2005 03:51:43	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17951	No
31	GOM_NL__2PRFIN20050806_035849_000000372039_00362_17951_5529.N1	06-AUG-2005 03:58:49	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	17951	No
32	GOM_NL__2PRFIN20050806_040243_000000342039_00362_17951_5530.N1	06-AUG-2005 04:02:43	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	17951	No
33	GOM_NL__2PRFIN20050806_040655_000000342039_00362_17951_5531.N1	06-AUG-2005 04:06:55	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	17951	No
34	GOM_NL__2PRFIN20050806_041059_000000362039_00362_17951_5532.N1	06-AUG-2005 04:10:59	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17951	No
35	GOM_NL__2PRFIN20050806_044305_000000382039_00362_17951_5533.N1	06-AUG-2005 04:43:05	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	17951	No
36	GOM_NL__2PRFIN20050806_044535_000000122039_00362_17951_5534.N1	06-AUG-2005 04:45:35	Dark	12.000	37	25Del CMa	1.8300	5900.0	24	17951	No
37	GOM_NL__2PRFIN20050806_044622_000000372039_00362_17951_5535.N1	06-AUG-2005 04:46:22	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	17951	No
38	GOM_NL__2PRFIN20050806_045308_000000432039_00362_17951_5536.N1	06-AUG-2005 04:53:08	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	17951	No
39	GOM_NL__2PRFIN20050806_050352_000000392039_00363_17952_5525.N1	06-AUG-2005 05:03:52	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17952	No
40	GOM_NL__2PRFIN20050806_051157_000000382039_00363_17952_5526.N1	06-AUG-2005 05:11:57	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17952	No
41	GOM_NL__2PRFIN20050806_052013_000000422039_00363_17952_5527.N1	06-AUG-2005 05:20:13	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17952	No
42	GOM_NL__2PRFIN20050806_052236_000000382039_00363_17952_5528.N1	06-AUG-2005 05:22:36	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17952	No

43	GOM_NL__2PRFIN20050806_053219_000000352039_00363_17952_5529.N1	06-AUG-2005 05:32:19	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17952	No
44	GOM_NL__2PRFIN20050806_053926_000000382039_00363_17952_5530.N1	06-AUG-2005 05:39:26	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	17952	No
45	GOM_NL__2PRFIN20050806_054320_000000362039_00363_17952_5531.N1	06-AUG-2005 05:43:20	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	17952	No
46	GOM_NL__2PRFIN20050806_054731_000000372039_00363_17952_5532.N1	06-AUG-2005 05:47:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17952	No
47	GOM_NL__2PRFIN20050806_055135_000000342039_00363_17952_5533.N1	06-AUG-2005 05:51:35	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	17952	No
48	GOM_NL__2PRFIN20050806_062342_000000412039_00363_17952_5534.N1	06-AUG-2005 06:23:42	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	17952	No
49	GOM_NL__2PRFIN20050806_062530_000000372039_00363_17952_5535.N1	06-AUG-2005 06:25:30	Dark	36.500	179	24Omi2CMa	3.0320	24000.	73	17952	No
50	GOM_NL__2PRFIN20050806_062658_000000412039_00363_17952_5536.N1	06-AUG-2005 06:26:58	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17952	No
51	GOM_NL__2PRFIN20050806_063344_000000452039_00363_17952_5537.N1	06-AUG-2005 06:33:44	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	17952	No
52	GOM_NL__2PRFIN20050806_064429_000000362039_00364_17953_5526.N1	06-AUG-2005 06:44:29	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17953	No
53	GOM_NL__2PRFIN20050806_065233_000000422039_00364_17953_5527.N1	06-AUG-2005 06:52:33	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	17953	No
54	GOM_NL__2PRFIN20050806_070050_000000422039_00364_17953_5528.N1	06-AUG-2005 07:00:50	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17953	No
55	GOM_NL__2PRFIN20050806_070312_000000362039_00364_17953_5529.N1	06-AUG-2005 07:03:12	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	17953	No
56	GOM_NL__2PRFIN20050806_071255_000000352039_00364_17953_5530.N1	06-AUG-2005 07:12:55	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17953	No
57	GOM_NL__2PRFIN20050806_072002_000000392039_00364_17953_5531.N1	06-AUG-2005 07:20:02	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17953	No
58	GOM_NL__2PRFIN20050806_072356_000000372039_00364_17953_5532.N1	06-AUG-2005 07:23:56	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17953	No
59	GOM_NL__2PRFIN20050806_072808_000000382039_00364_17953_5533.N1	06-AUG-2005 07:28:08	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17953	No
60	GOM_NL__2PRFIN20050806_073211_000000372039_00364_17953_5534.N1	06-AUG-2005 07:32:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	17953	No
61	GOM_NL__2PRFIN20050806_080418_000000492039_00364_17953_5535.N1	06-AUG-2005 08:04:18	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	17953	No
62	GOM_NL__2PRFIN20050806_080606_000000382039_00364_17953_5536.N1	06-AUG-2005 08:06:06	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	17953	No
63	GOM_NL__2PRFIN20050806_080734_000000392039_00364_17953_5537.N1	06-AUG-2005 08:07:34	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	17953	No
64	GOM_NL__2PRFIN20050806_081420_000000452039_00364_17953_5538.N1	06-AUG-2005 08:14:20	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	17953	No
65	GOM_NL__2PRFIN20050806_082505_000000362039_00365_17954_5527.N1	06-AUG-2005 08:25:05	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17954	No
66	GOM_NL__2PRFIN20050806_083310_000000412039_00365_17954_5528.N1	06-AUG-2005 08:33:10	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	17954	No
67	GOM_NL__2PRFIN20050806_084126_000000462039_00365_17954_5529.N1	06-AUG-2005 08:41:26	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	17954	No
68	GOM_NL__2PRFIN20050806_084349_000000372039_00365_17954_5530.N1	06-AUG-2005 08:43:49	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17954	No
69	GOM_NL__2PRFIN20050806_085331_000000352039_00365_17954_5531.N1	06-AUG-2005 08:53:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17954	No
70	GOM_NL__2PRFIN20050806_090038_000000342039_00365_17954_5532.N1	06-AUG-2005 09:00:38	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	17954	No
71	GOM_NL__2PRFIN20050806_090432_000000382039_00365_17954_5533.N1	06-AUG-2005 09:04:32	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17954	No
72	GOM_NL__2PRFIN20050806_090844_000000372039_00365_17954_5534.N1	06-AUG-2005 09:08:44	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17954	No
73	GOM_NL__2PRFIN20050806_091247_000000362039_00365_17954_5535.N1	06-AUG-2005 09:12:47	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17954	No
74	GOM_NL__2PRFIN20050806_094454_000000382039_00365_17954_5536.N1	06-AUG-2005 09:44:54	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	17954	No
75	GOM_NL__2PRFIN20050806_094642_000000382039_00365_17954_5537.N1	06-AUG-2005 09:46:42	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17954	No
76	GOM_NL__2PRFIN20050806_094810_000000402039_00365_17954_5538.N1	06-AUG-2005 09:48:10	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	17954	No
77	GOM_NL__2PRFIN20050806_095456_000000472039_00365_17954_5539.N1	06-AUG-2005 09:54:56	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	17954	No
78	GOM_NL__2PRFIN20050806_100541_000000372039_00366_17955_5528.N1	06-AUG-2005 10:05:41	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17955	No
79	GOM_NL__2PRFIN20050806_101346_000000382039_00366_17955_5529.N1	06-AUG-2005 10:13:46	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	17955	No
80	GOM_NL__2PRFIN20050806_102202_000000422039_00366_17955_5530.N1	06-AUG-2005 10:22:02	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17955	No
81	GOM_NL__2PRFIN20050806_102425_000000362039_00366_17955_5531.N1	06-AUG-2005 10:24:25	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17955	No
82	GOM_NL__2PRFIN20050806_103407_000000352039_00366_17955_5532.N1	06-AUG-2005 10:34:07	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17955	No
83	GOM_NL__2PRFIN20050806_104114_000000392039_00366_17955_5533.N1	06-AUG-2005 10:41:14	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17955	No
84	GOM_NL__2PRFIN20050806_104508_000000372039_00366_17955_5534.N1	06-AUG-2005 10:45:08	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17955	No
85	GOM_NL__2PRFIN20050806_104920_000000372039_00366_17955_5535.N1	06-AUG-2005 10:49:20	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17955	No
86	GOM_NL__2PRFIN20050806_105324_000000362039_00366_17955_5536.N1	06-AUG-2005 10:53:24	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17955	No
87	GOM_NL__2PRFIN20050806_112530_000000462039_00366_17955_5537.N1	06-AUG-2005 11:25:30	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	17955	No
88	GOM_NL__2PRFIN20050806_112718_000000372039_00366_17955_5538.N1	06-AUG-2005 11:27:18	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	17955	No
89	GOM_NL__2PRFIN20050806_112846_000000412039_00366_17955_5539.N1	06-AUG-2005 11:28:46	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17955	No
90	GOM_NL__2PRFIN20050806_113532_000000492039_00366_17955_5540.N1	06-AUG-2005 11:35:32	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	17955	No
91	GOM_NL__2PRFIN20050806_114617_000000362039_00367_17956_5529.N1	06-AUG-2005 11:46:17	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17956	No
92	GOM_NL__2PRFIN20050806_115422_000000392039_00367_17956_5530.N1	06-AUG-2005 11:54:22	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	17956	No
93	GOM_NL__2PRFIN20050806_120238_000000382039_00367_17956_5531.N1	06-AUG-2005 12:02:38	Bright	38.000	103	38Zet Sgr	2.6000	9700.0	76	17956	No
94	GOM_NL__2PRFIN20050806_120501_000000362039_00367_17956_5532.N1	06-AUG-2005 12:05:01	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17956	No
95	GOM_NL__2PRFIN20050806_121443_000000352039_00367_17956_5533.N1	06-AUG-2005 12:14:43	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17956	No
96	GOM_NL__2PRFIN20050806_122150_000000392039_00367_17956_5534.N1	06-AUG-2005 12:21:50	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17956	No
97	GOM_NL__2PRFIN20050806_122544_000000392039_00367_17956_5535.N1	06-AUG-2005 12:25:44	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17956	No
98	GOM_NL__2PRFIN20050806_122957_000000372039_00367_17956_5536.N1	06-AUG-2005 12:29:57	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17956	No
99	GOM_NL__2PRFIN20050806_123400_000000372039_00367_17956_5537.N1	06-AUG-2005 12:34:00	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	17956	No
100	GOM_NL__2PRFIN20050806_130606_000000452039_00367_17956_5538.N1	06-AUG-2005 13:06:06	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	17956	No
101	GOM_NL__2PRFIN20050806_130754_000000372039_00367_17956_5539.N1	06-AUG-2005 13:07:54	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	17956	No

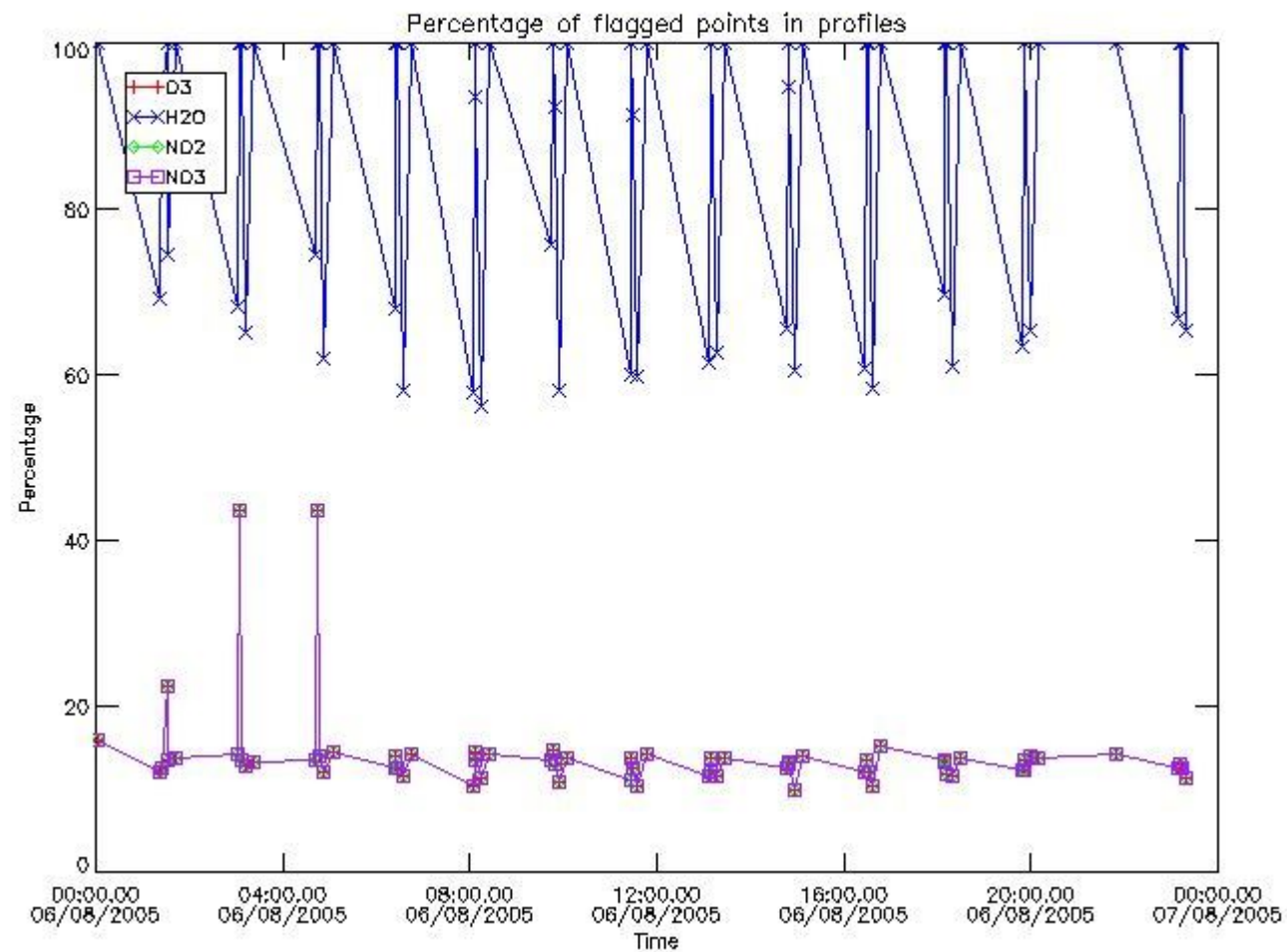
102	GOM_NL__2PRFIN20050806_130922_000000422039_00367_17956_5540.N1	06-AUG-2005 13:09:22	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	17956	No
103	GOM_NL__2PRFIN20050806_131608_000000452039_00367_17956_5541.N1	06-AUG-2005 13:16:08	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	17956	No
104	GOM_NL__2PRFIN20050806_132653_000000372039_00368_17957_5530.N1	06-AUG-2005 13:26:53	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17957	No
105	GOM_NL__2PRFIN20050806_133458_000000382039_00368_17957_5531.N1	06-AUG-2005 13:34:58	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17957	No
106	GOM_NL__2PRFIN20050806_134314_000000412039_00368_17957_5532.N1	06-AUG-2005 13:43:14	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17957	No
107	GOM_NL__2PRFIN20050806_134537_000000372039_00368_17957_5533.N1	06-AUG-2005 13:45:37	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17957	No
108	GOM_NL__2PRFIN20050806_135519_000000342039_00368_17957_5534.N1	06-AUG-2005 13:55:19	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17957	No
109	GOM_NL__2PRFIN20050806_140226_000000382039_00368_17957_5535.N1	06-AUG-2005 14:02:26	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	17957	No
110	GOM_NL__2PRFIN20050806_140620_000000352039_00368_17957_5536.N1	06-AUG-2005 14:06:20	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	17957	No
111	GOM_NL__2PRFIN20050806_141033_000000372039_00368_17957_5537.N1	06-AUG-2005 14:10:33	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17957	No
112	GOM_NL__2PRFIN20050806_141436_000000392039_00368_17957_5538.N1	06-AUG-2005 14:14:36	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	17957	No
113	GOM_NL__2PRFIN20050806_144642_000000412039_00368_17957_5539.N1	06-AUG-2005 14:46:42	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	17957	No
114	GOM_NL__2PRFIN20050806_144830_000000392039_00368_17957_5540.N1	06-AUG-2005 14:48:30	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	17957	No
115	GOM_NL__2PRFIN20050806_144958_000000392039_00368_17957_5541.N1	06-AUG-2005 14:49:58	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	17957	No
116	GOM_NL__2PRFIN20050806_145644_000000512039_00368_17957_5542.N1	06-AUG-2005 14:56:44	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	17957	No
117	GOM_NL__2PRFIN20050806_150729_000000372039_00369_17958_5531.N1	06-AUG-2005 15:07:29	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17958	No
118	GOM_NL__2PRFIN20050806_151534_000000382039_00369_17958_5532.N1	06-AUG-2005 15:15:34	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	17958	No
119	GOM_NL__2PRFIN20050806_152350_000000382039_00369_17958_5533.N1	06-AUG-2005 15:23:50	Bright	38.000	103	38Zet Sgr	2.6000	9700.0	76	17958	No
120	GOM_NL__2PRFIN20050806_152613_000000372039_00369_17958_5534.N1	06-AUG-2005 15:26:13	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17958	No
121	GOM_NL__2PRFIN20050806_153555_000000362039_00369_17958_5535.N1	06-AUG-2005 15:35:55	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	17958	No
122	GOM_NL__2PRFIN20050806_154302_000000392039_00369_17958_5536.N1	06-AUG-2005 15:43:02	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17958	No
123	GOM_NL__2PRFIN20050806_154656_000000342039_00369_17958_5537.N1	06-AUG-2005 15:46:56	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	17958	No
124	GOM_NL__2PRFIN20050806_155109_000000372039_00369_17958_5538.N1	06-AUG-2005 15:51:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17958	No
125	GOM_NL__2PRFIN20050806_155512_000000342039_00369_17958_5539.N1	06-AUG-2005 15:55:12	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17958	No
126	GOM_NL__2PRFIN20050806_162718_000000432039_00369_17958_5540.N1	06-AUG-2005 16:27:18	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	17958	No
127	GOM_NL__2PRFIN20050806_162906_000000382039_00369_17958_5541.N1	06-AUG-2005 16:29:06	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17958	No
128	GOM_NL__2PRFIN20050806_163034_000000422039_00369_17958_5542.N1	06-AUG-2005 16:30:34	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	17958	No
129	GOM_NL__2PRFIN20050806_163720_000000502039_00369_17958_5543.N1	06-AUG-2005 16:37:20	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	17958	No
130	GOM_NL__2PRFIN20050806_164805_000000372039_00370_17959_5532.N1	06-AUG-2005 16:48:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17959	No
131	GOM_NL__2PRFIN20050806_165610_000000362039_00370_17959_5533.N1	06-AUG-2005 16:56:10	Straylight	36.000	45	Alp Pav	1.9400	26000.	72	17959	No
132	GOM_NL__2PRFIN20050806_170426_000000442039_00370_17959_5534.N1	06-AUG-2005 17:04:26	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	17959	No
133	GOM_NL__2PRFIN20050806_170649_000000382039_00370_17959_5535.N1	06-AUG-2005 17:06:49	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17959	No
134	GOM_NL__2PRFIN20050806_171631_000000352039_00370_17959_5536.N1	06-AUG-2005 17:16:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17959	No
135	GOM_NL__2PRFIN20050806_172338_000000382039_00370_17959_5537.N1	06-AUG-2005 17:23:38	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	17959	No
136	GOM_NL__2PRFIN20050806_172733_000000372039_00370_17959_5538.N1	06-AUG-2005 17:27:33	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17959	No
137	GOM_NL__2PRFIN20050806_173145_000000372039_00370_17959_5539.N1	06-AUG-2005 17:31:45	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17959	No
138	GOM_NL__2PRFIN20050806_173548_000000362039_00370_17959_5540.N1	06-AUG-2005 17:35:48	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17959	No
139	GOM_NL__2PRFIN20050806_180754_000000422039_00370_17959_5541.N1	06-AUG-2005 18:07:54	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17959	No
140	GOM_NL__2PRFIN20050806_180943_000000392039_00370_17959_5542.N1	06-AUG-2005 18:09:43	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	17959	No
141	GOM_NL__2PRFIN20050806_181110_000000432039_00370_17959_5543.N1	06-AUG-2005 18:11:10	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	17959	No
142	GOM_NL__2PRFIN20050806_181756_000000442039_00370_17959_5544.N1	06-AUG-2005 18:17:56	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	17959	No
143	GOM_NL__2PRFIN20050806_182842_000000372039_00371_17960_5533.N1	06-AUG-2005 18:28:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17960	No
144	GOM_NL__2PRFIN20050806_183646_000000372039_00371_17960_5534.N1	06-AUG-2005 18:36:46	Straylight	36.500	45	Alp Pav	1.9400	26000.	73	17960	No
145	GOM_NL__2PRFIN20050806_184502_000000402039_00371_17960_5535.N1	06-AUG-2005 18:45:02	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	17960	No
146	GOM_NL__2PRFIN20050806_184725_000000362039_00371_17960_5536.N1	06-AUG-2005 18:47:25	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	17960	No
147	GOM_NL__2PRFIN20050806_185707_000000362039_00371_17960_5537.N1	06-AUG-2005 18:57:07	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17960	No
148	GOM_NL__2PRFIN20050806_190414_000000392039_00371_17960_5538.N1	06-AUG-2005 19:04:14	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	17960	No
149	GOM_NL__2PRFIN20050806_190809_000000372039_00371_17960_5539.N1	06-AUG-2005 19:08:09	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17960	No
150	GOM_NL__2PRFIN20050806_191222_000000372039_00371_17960_5540.N1	06-AUG-2005 19:12:22	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17960	No
151	GOM_NL__2PRFIN20050806_191625_000000362039_00371_17960_5541.N1	06-AUG-2005 19:16:25	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17960	No
152	GOM_NL__2PRFIN20050806_194831_000000422039_00371_17960_5542.N1	06-AUG-2005 19:48:31	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17960	No
153	GOM_NL__2PRFIN20050806_195019_000000382039_00371_17960_5543.N1	06-AUG-2005 19:50:19	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17960	No
154	GOM_NL__2PRFIN20050806_195146_000000422039_00371_17960_5544.N1	06-AUG-2005 19:51:46	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17960	No
155	GOM_NL__2PRFIN20050806_195832_000000512039_00371_17960_5545.N1	06-AUG-2005 19:58:32	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	17960	No
156	GOM_NL__2PRFIN20050806_200918_000000372039_00372_17961_5554.N1	06-AUG-2005 20:09:18	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17961	No
157	GOM_NL__2PRFIN20050806_201722_000000402039_00372_17961_5555.N1	06-AUG-2005 20:17:22	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	17961	No
158	GOM_NL__2PRFIN20050806_202538_000000432039_00372_17961_5556.N1	06-AUG-2005 20:25:38	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	17961	No
159	GOM_NL__2PRFIN20050806_202801_000000362039_00372_17961_5557.N1	06-AUG-2005 20:28:01	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17961	No
160	GOM_NL__2PRFIN20050806_203743_000000362039_00372_17961_5558.N1	06-AUG-2005 20:37:43	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17961	No

161	GOM_NL__2PRFIN20050806_204450_000000352039_00372_17961_5559.N1	06-AUG-2005 20:44:50	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	17961	No
162	GOM_NL__2PRFIN20050806_204845_000000392039_00372_17961_5560.N1	06-AUG-2005 20:48:45	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17961	No
163	GOM_NL__2PRFIN20050806_205258_000000382039_00372_17961_5561.N1	06-AUG-2005 20:52:58	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17961	No
164	GOM_NL__2PRFIN20050806_205701_000000362039_00372_17961_5562.N1	06-AUG-2005 20:57:01	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17961	No
165	GOM_NL__2PRFIN20050806_214954_000000362039_00373_17962_5555.N1	06-AUG-2005 21:49:54	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17962	No
166	GOM_NL__2PRFIN20050806_215758_000000462039_00373_17962_5556.N1	06-AUG-2005 21:57:58	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	17962	No
167	GOM_NL__2PRFIN20050806_220614_000000472039_00373_17962_5557.N1	06-AUG-2005 22:06:14	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	17962	No
168	GOM_NL__2PRFIN20050806_220837_000000372039_00373_17962_5558.N1	06-AUG-2005 22:08:37	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17962	No
169	GOM_NL__2PRFIN20050806_221819_000000342039_00373_17962_5559.N1	06-AUG-2005 22:18:19	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	17962	No
170	GOM_NL__2PRFIN20050806_222526_000000332039_00373_17962_5560.N1	06-AUG-2005 22:25:26	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	17962	No
171	GOM_NL__2PRFIN20050806_222921_000000332039_00373_17962_5561.N1	06-AUG-2005 22:29:21	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	17962	No
172	GOM_NL__2PRFIN20050806_223334_000000382039_00373_17962_5562.N1	06-AUG-2005 22:33:34	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17962	No
173	GOM_NL__2PRFIN20050806_223737_000000362039_00373_17962_5563.N1	06-AUG-2005 22:37:37	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17962	No
174	GOM_NL__2PRFIN20050806_230943_000000412039_00373_17962_5564.N1	06-AUG-2005 23:09:43	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	17962	No
175	GOM_NL__2PRFIN20050806_231131_000000392039_00373_17962_5565.N1	06-AUG-2005 23:11:31	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	17962	No
176	GOM_NL__2PRFIN20050806_231258_000000412039_00373_17962_5566.N1	06-AUG-2005 23:12:58	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17962	No
177	GOM_NL__2PRFIN20050806_231944_000000502039_00373_17962_5567.N1	06-AUG-2005 23:19:44	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	17962	No

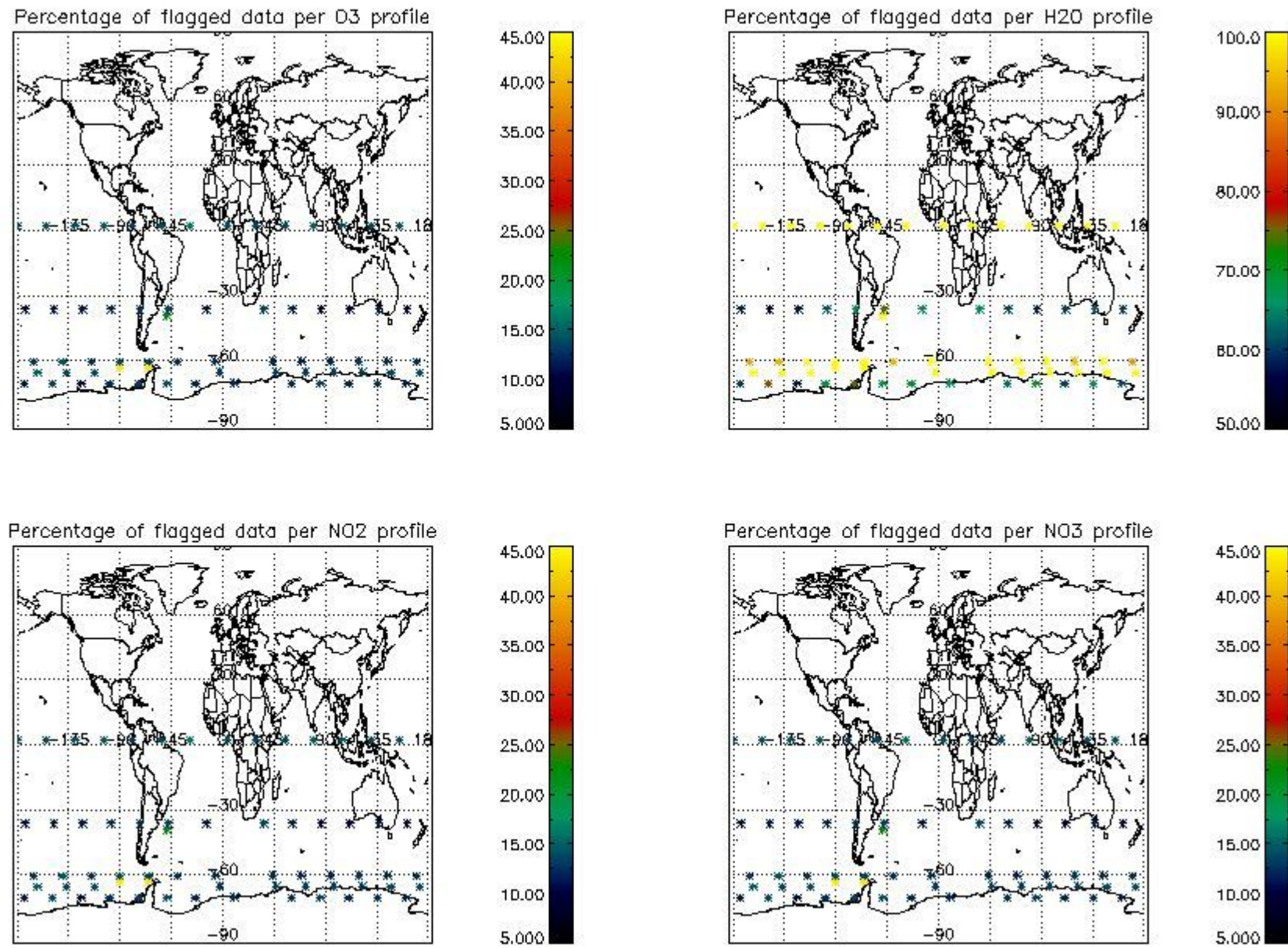
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

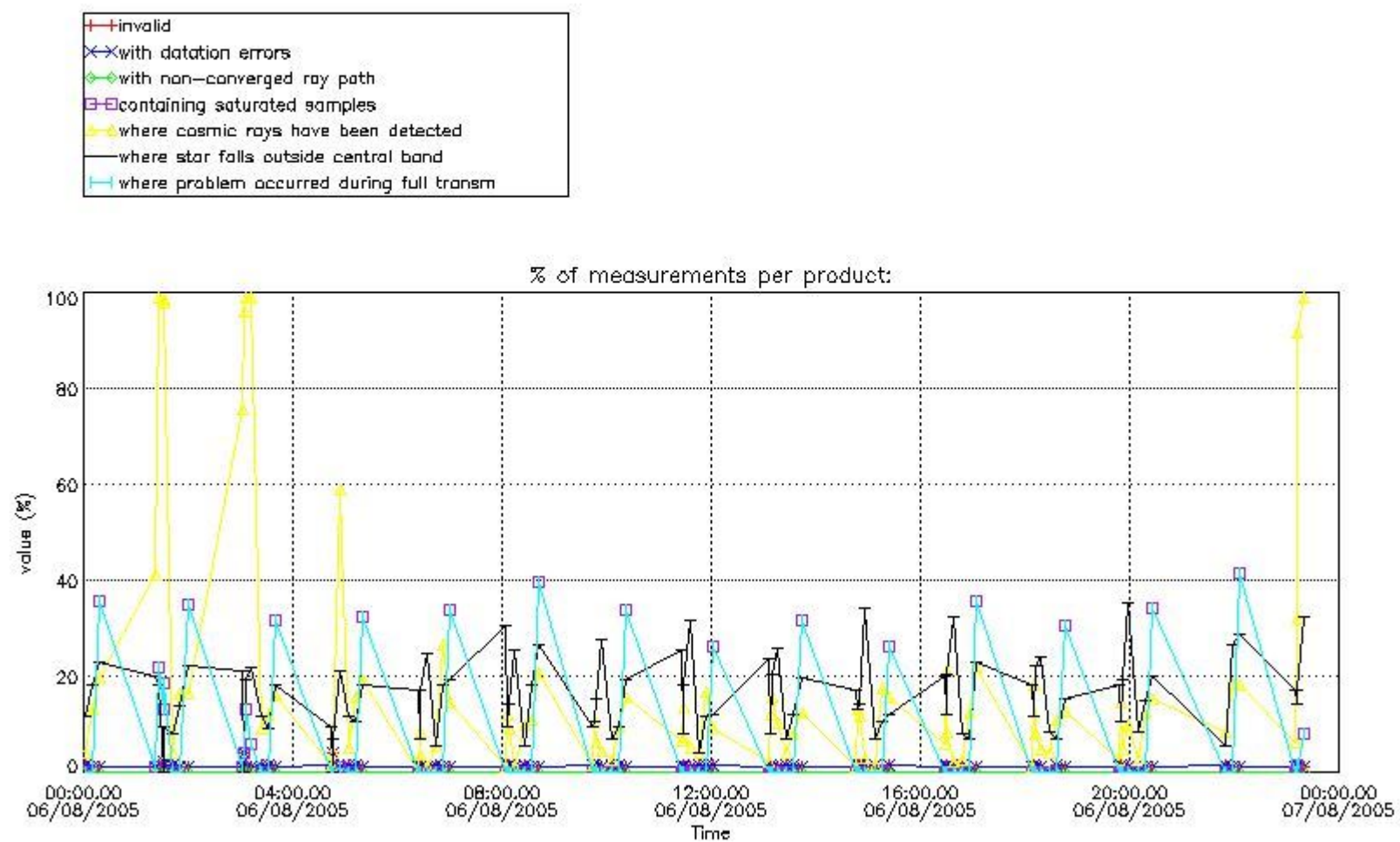


4. Level 1 quality information per product

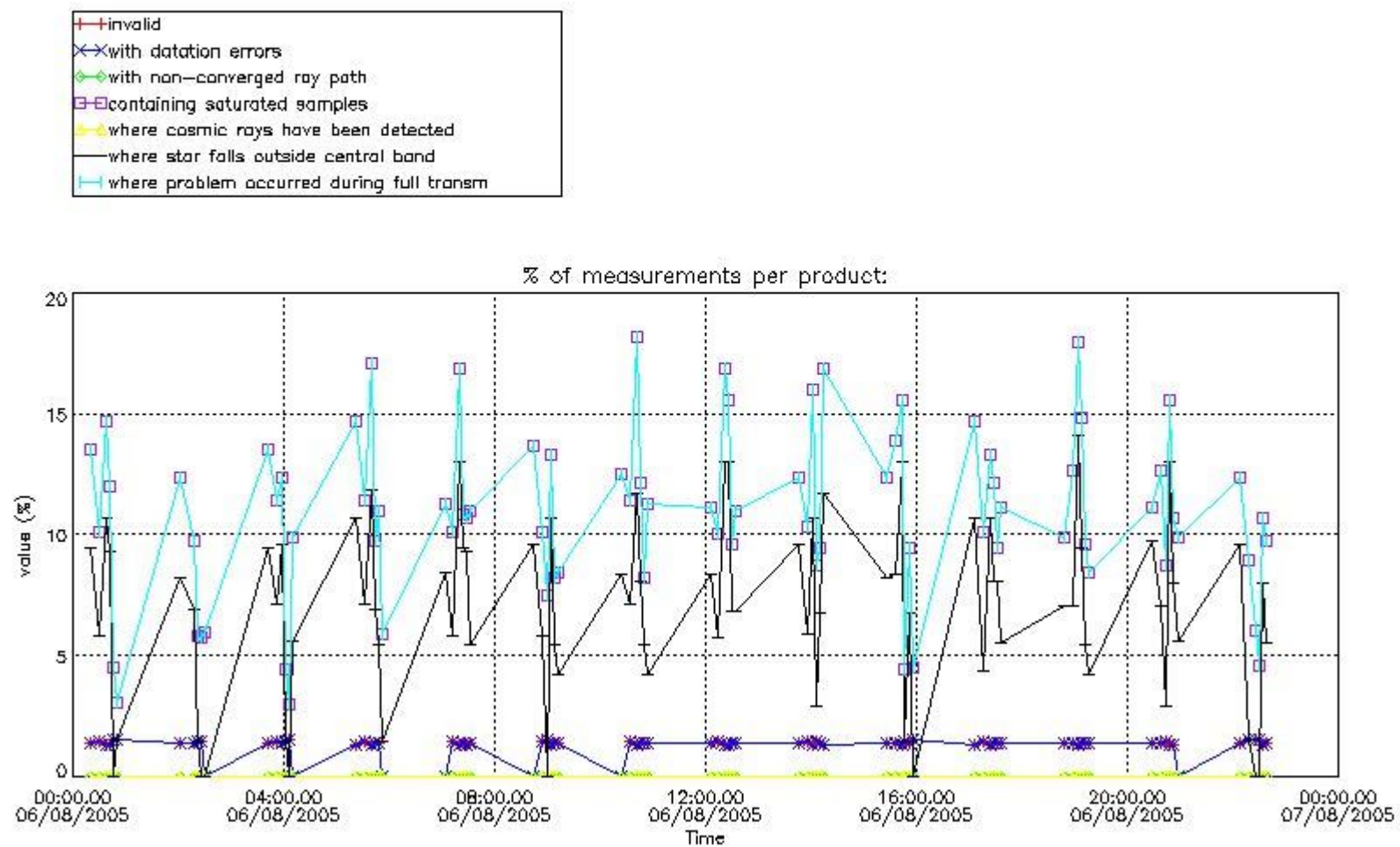
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

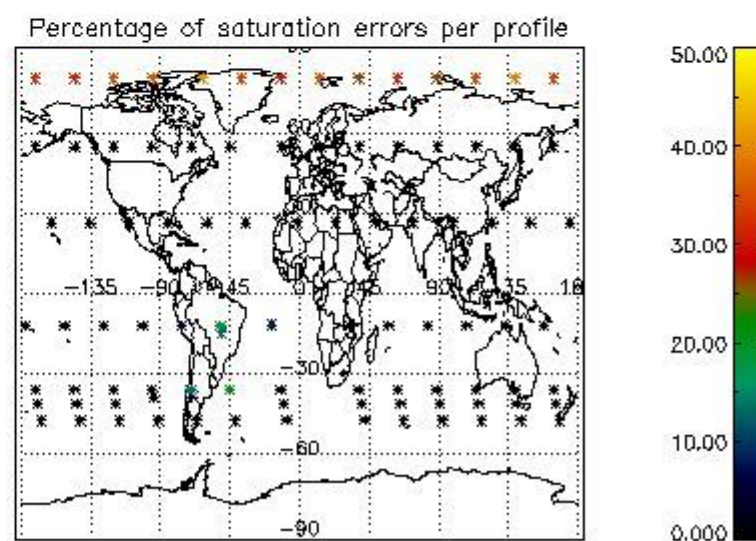
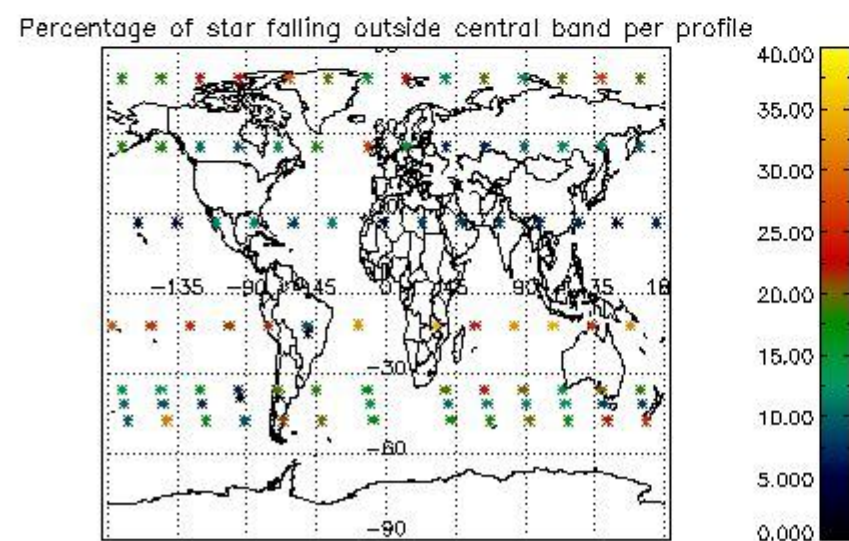
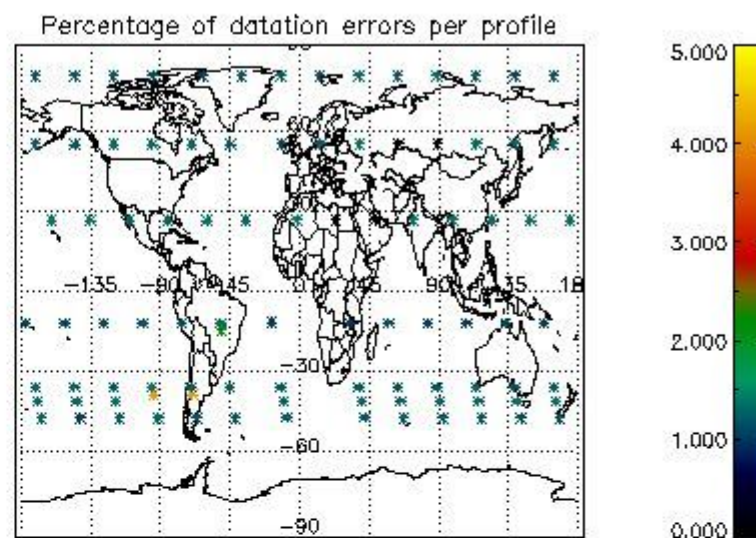
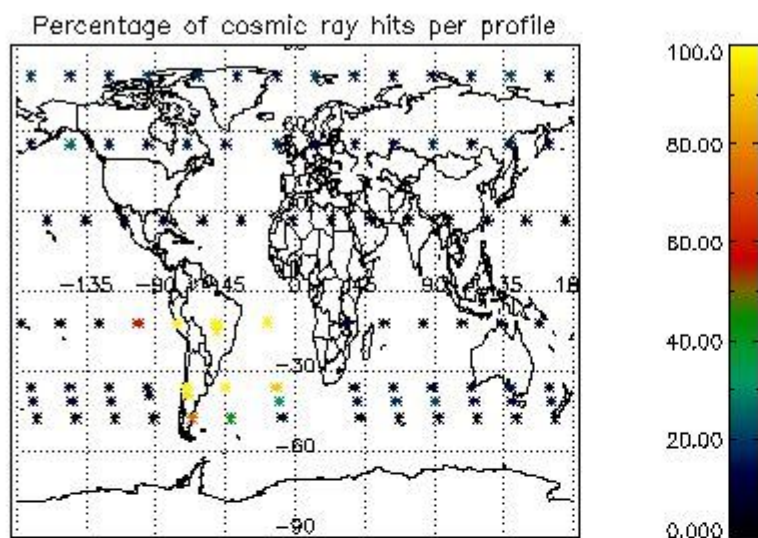


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



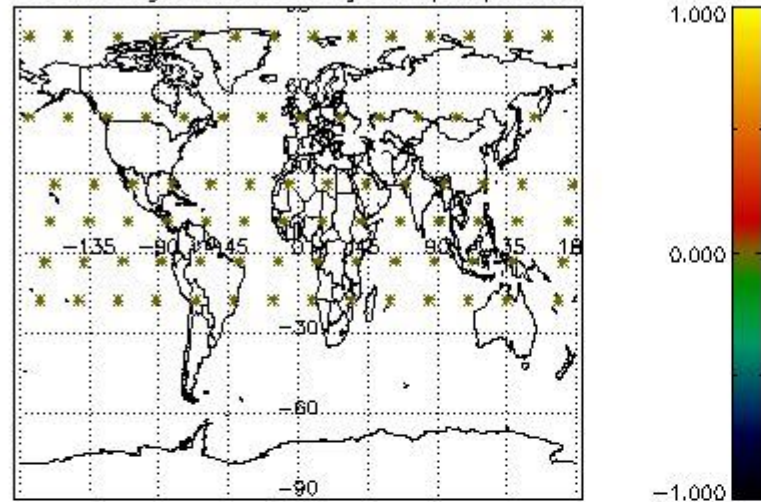
4.2 Plot quality information per product coming from level 1b processing (world map)

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

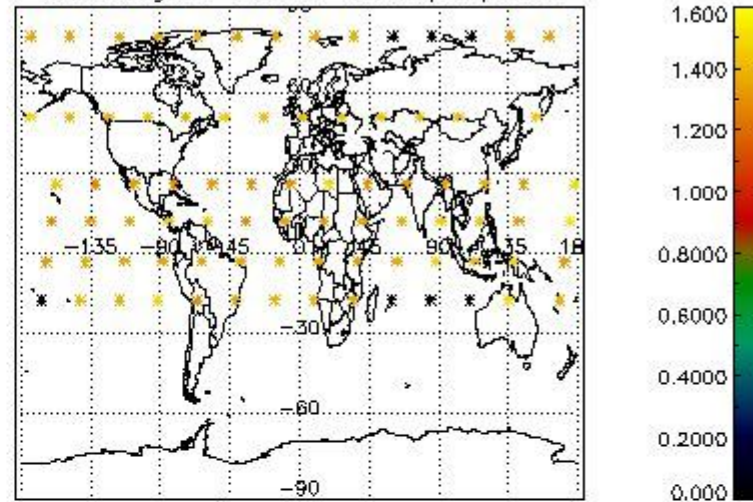


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

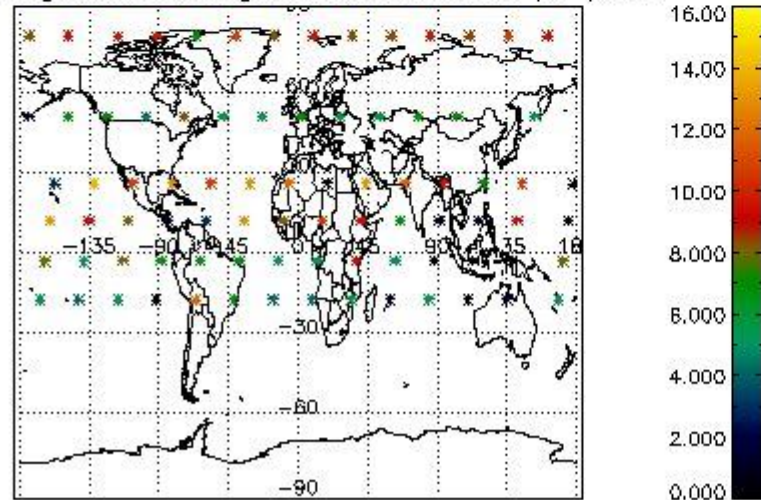
Percentage of cosmic ray hits per profile



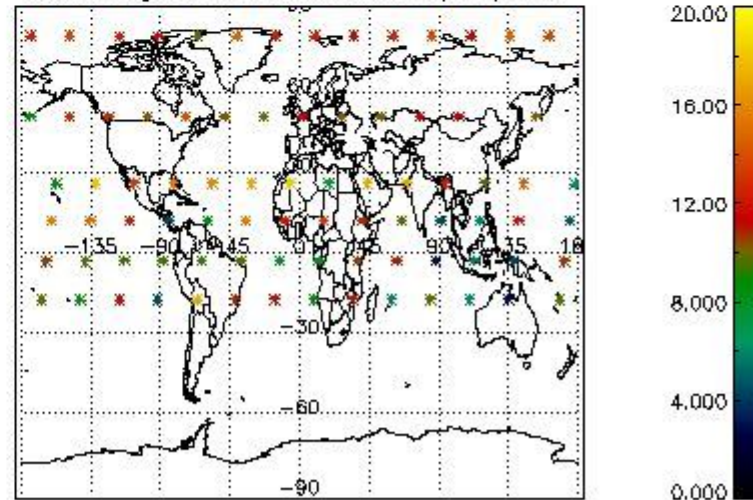
Percentage of datation errors per profile



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

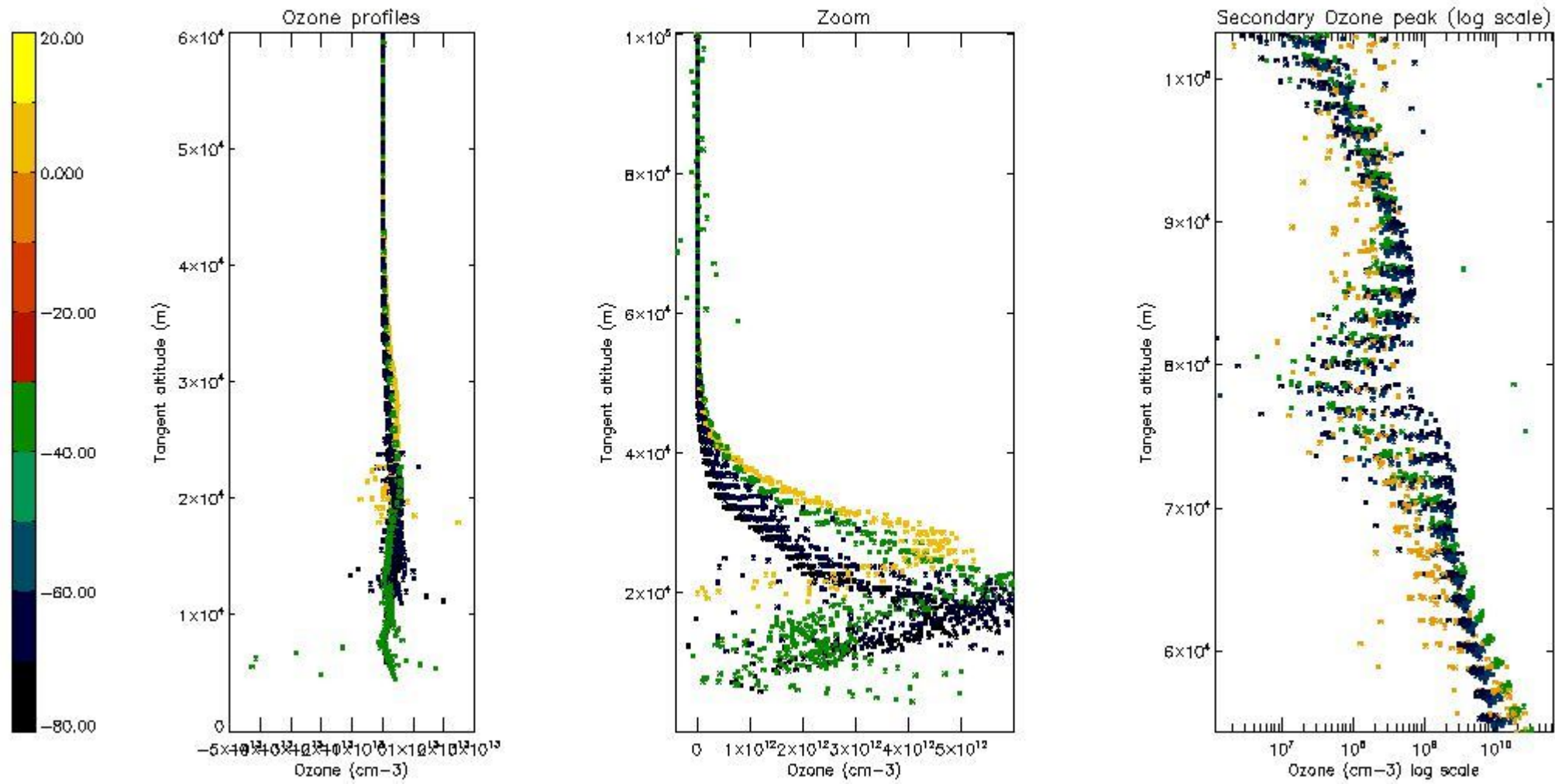
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	27

STD < 10	23
STD < 5	18

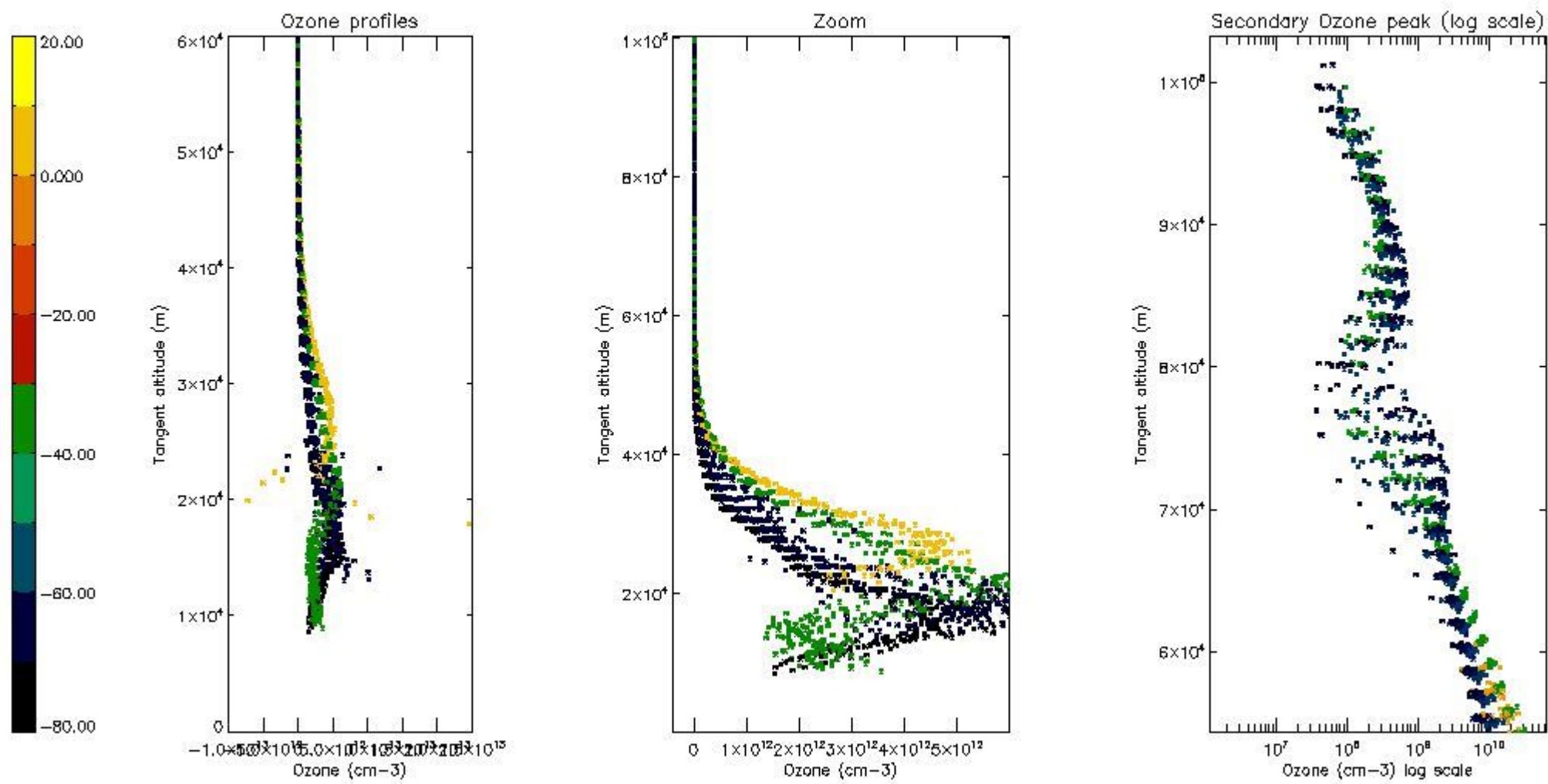
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



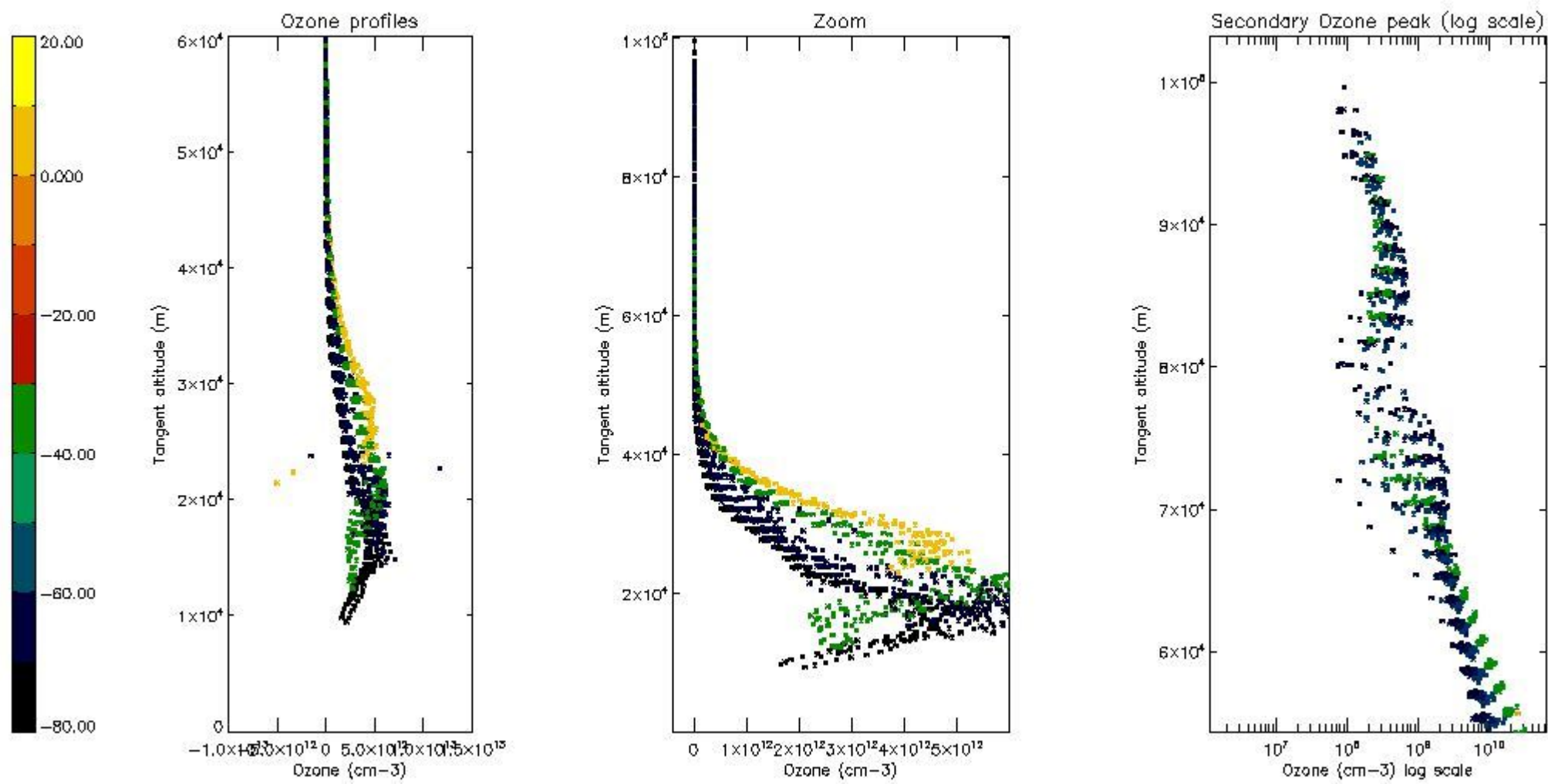
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



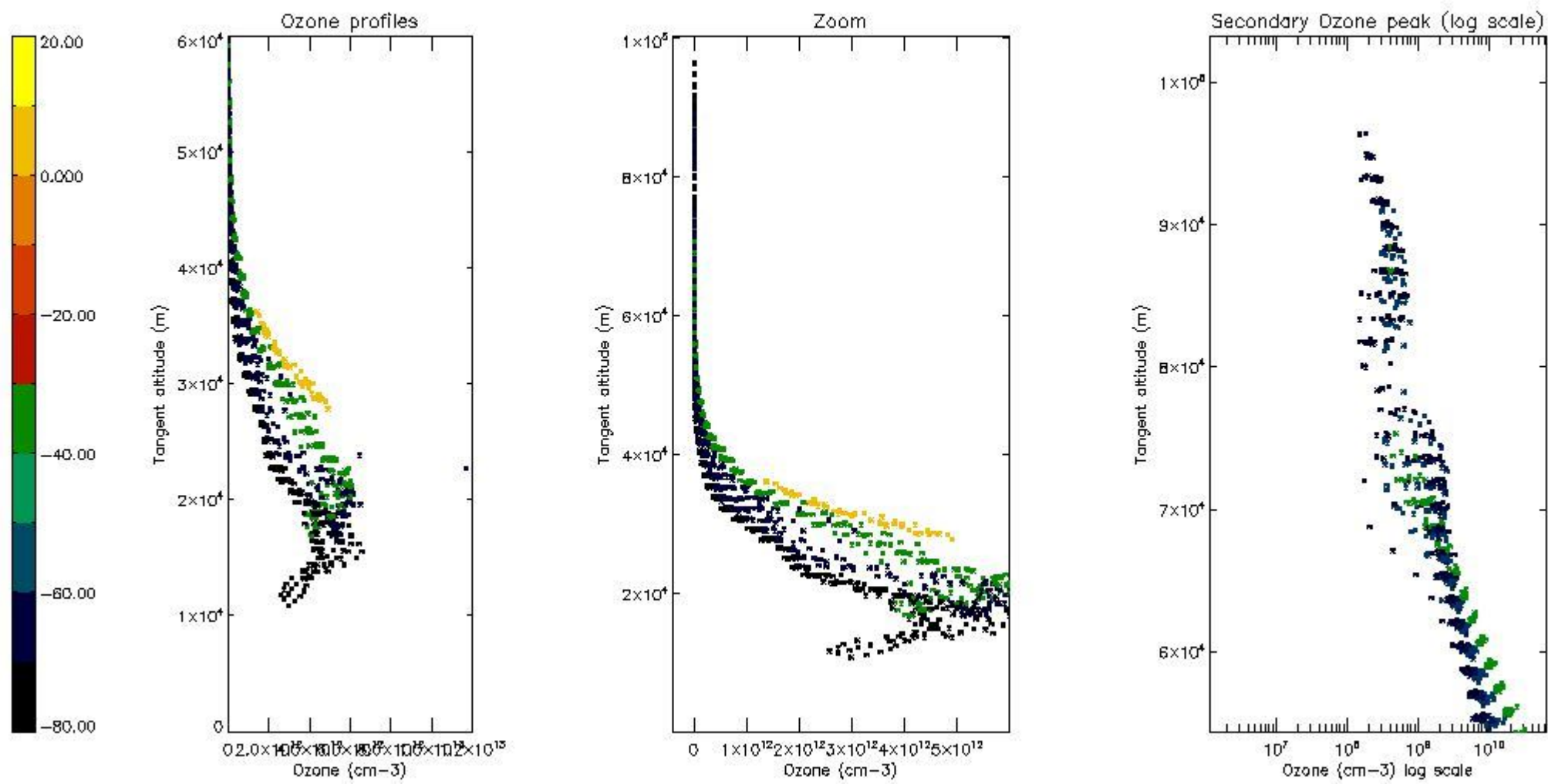
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



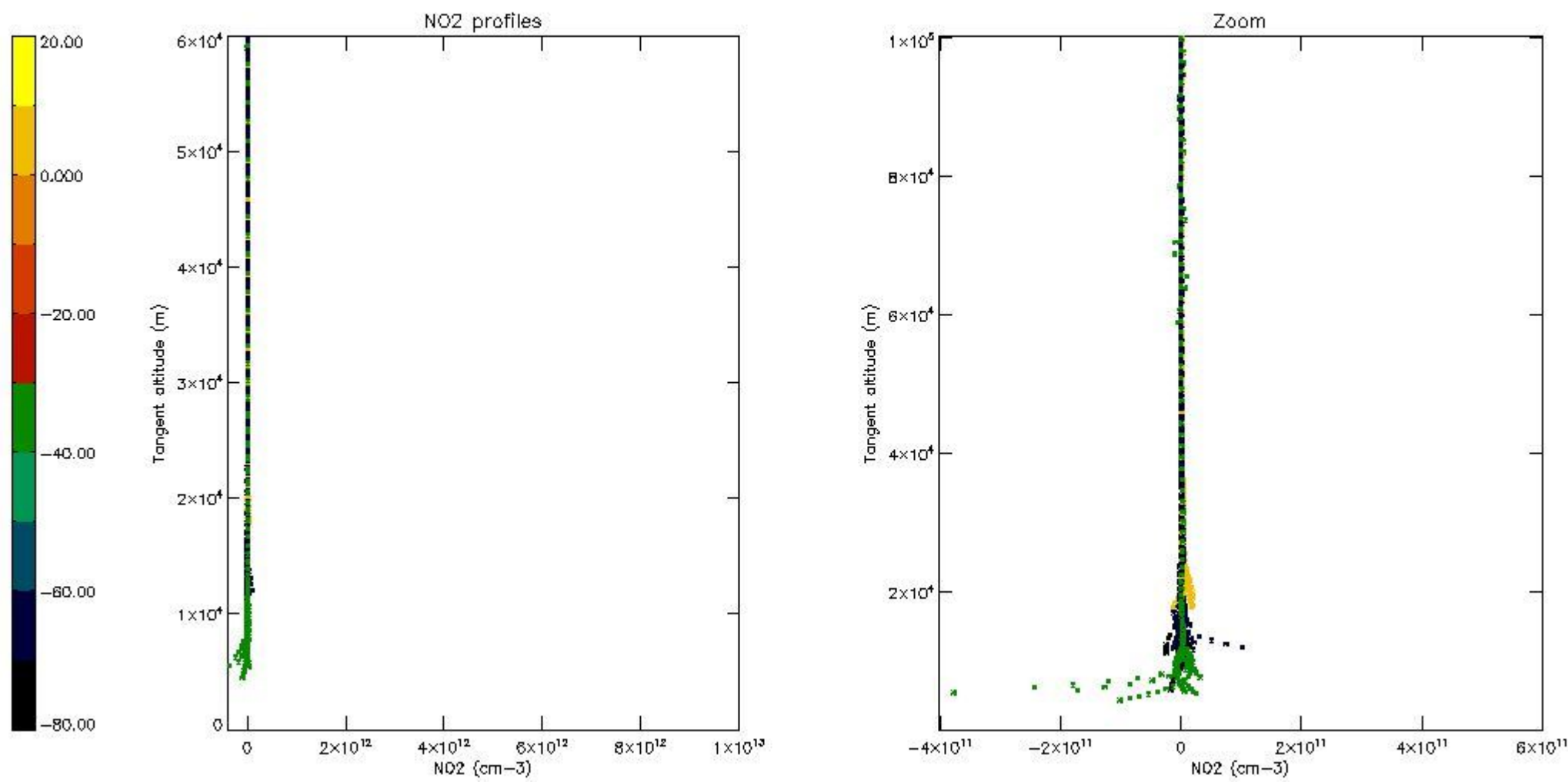
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



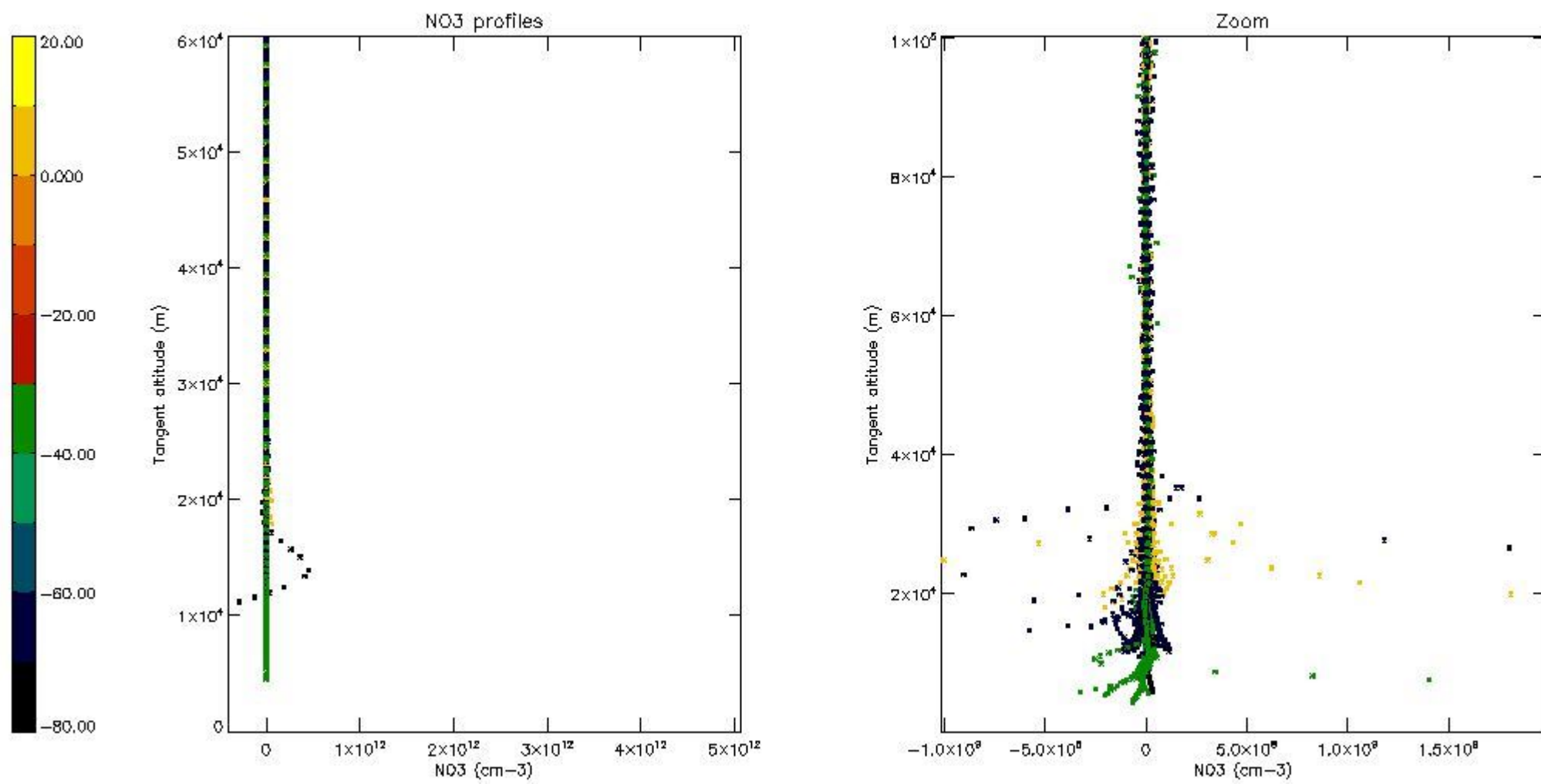
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



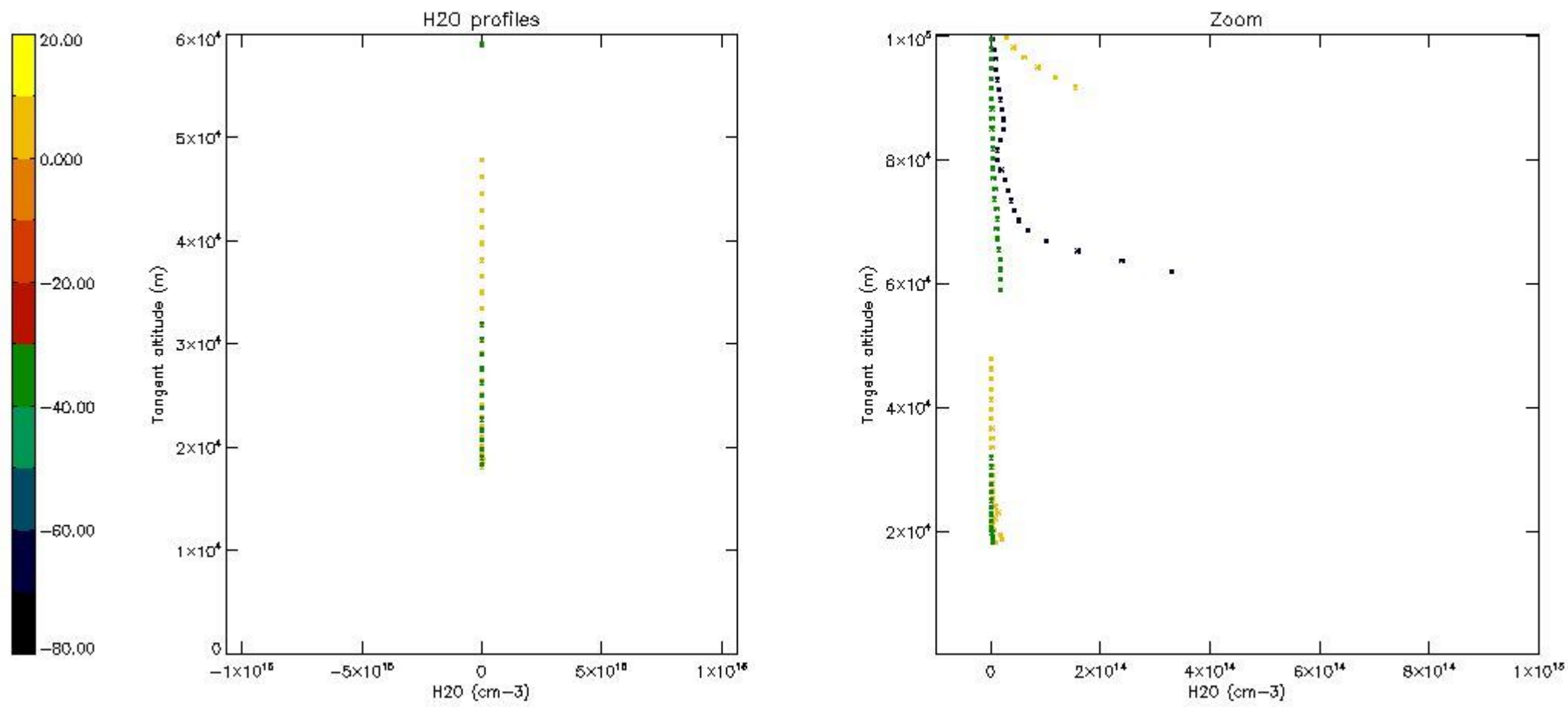
5.7 Plot NO3 profiles for all STD (dark without errors)

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	06-AUG-2005 00:02:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-AUG-2005 00:02:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-AUG-2005 00:02:04

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](#)

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[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](#)

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

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

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

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

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

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

[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	18APR2013 10:21:51
Data source version	GOMOS/6.01
Start time of products	06-08-2005 (06AUG2005 00:00:00)
Stop time of products	07-08-2005 (07AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	177
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__2PRFIN20050806_000204_000000392039_00360_17949_5502.N1	06-AUG-2005 00:02:04	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17949	No
2	GOM_NL__2PRFIN20050806_001009_000000422039_00360_17949_5503.N1	06-AUG-2005 00:10:09	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	17949	No
3	GOM_NL__2PRFIN20050806_001825_000000442039_00360_17949_5504.N1	06-AUG-2005 00:18:25	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	17949	No
4	GOM_NL__2PRFIN20050806_002048_000000372039_00360_17949_5505.N1	06-AUG-2005 00:20:48	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17949	No
5	GOM_NL__2PRFIN20050806_003031_000000352039_00360_17949_5506.N1	06-AUG-2005 00:30:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17949	No
6	GOM_NL__2PRFIN20050806_003737_000000382039_00360_17949_5507.N1	06-AUG-2005 00:37:37	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	17949	No
7	GOM_NL__2PRFIN20050806_004131_000000382039_00360_17949_5508.N1	06-AUG-2005 00:41:31	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17949	No
8	GOM_NL__2PRFIN20050806_004542_000000342039_00360_17949_5509.N1	06-AUG-2005 00:45:42	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	17949	No
9	GOM_NL__2PRFIN20050806_004946_000000332039_00360_17949_5510.N1	06-AUG-2005 00:49:46	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	17949	No
10	GOM_NL__2PRFIN20050806_012153_000000432039_00360_17949_5511.N1	06-AUG-2005 01:21:53	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	17949	No
11	GOM_NL__2PRFIN20050806_012509_000000412039_00360_17949_5512.N1	06-AUG-2005 01:25:09	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17949	No
12	GOM_NL__2PRFIN20050806_013112_000000232039_00360_17949_5513.N1	06-AUG-2005 01:31:12	Dark	23.000	161	Tau Pup	2.9310	4500.0	46	17949	No
13	GOM_NL__2PRFIN20050806_013156_000000382039_00360_17949_5514.N1	06-AUG-2005 01:31:56	Dark	37.500	2	Alp Car	-0.73600	7000.0	75	17949	No
14	GOM_NL__2PRFIN20050806_014240_000000372039_00361_17950_5503.N1	06-AUG-2005 01:42:40	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17950	No
15	GOM_NL__2PRFIN20050806_015045_000000402039_00361_17950_5504.N1	06-AUG-2005 01:50:45	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	17950	No
16	GOM_NL__2PRFIN20050806_015901_000000432039_00361_17950_5505.N1	06-AUG-2005 01:59:01	Bright	43.000	103	38Zet Sgr	2.6000	9700.0	86	17950	No
17	GOM_NL__2PRFIN20050806_020124_000000372039_00361_17950_5506.N1	06-AUG-2005 02:01:24	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17950	No
18	GOM_NL__2PRFIN20050806_021813_000000362039_00361_17950_5507.N1	06-AUG-2005 02:18:13	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	17950	No
19	GOM_NL__2PRFIN20050806_022207_000000352039_00361_17950_5508.N1	06-AUG-2005 02:22:07	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	17950	No
20	GOM_NL__2PRFIN20050806_022619_000000352039_00361_17950_5509.N1	06-AUG-2005 02:26:19	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	17950	No
21	GOM_NL__2PRFIN20050806_023022_000000342039_00361_17950_5510.N1	06-AUG-2005 02:30:22	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17950	No
22	GOM_NL__2PRFIN20050806_030229_000000432039_00361_17950_5511.N1	06-AUG-2005 03:02:29	Dark	43.000	1	9Alp CMa	-1.4400	11000.	86	17950	No
23	GOM_NL__2PRFIN20050806_030459_000000122039_00361_17950_5512.N1	06-AUG-2005 03:04:59	Dark	12.000	37	25Del CMa	1.8300	5900.0	24	17950	No
24	GOM_NL__2PRFIN20050806_030545_000000422039_00361_17950_5513.N1	06-AUG-2005 03:05:45	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17950	No
25	GOM_NL__2PRFIN20050806_031232_000000442039_00361_17950_5514.N1	06-AUG-2005 03:12:32	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	17950	No
26	GOM_NL__2PRFIN20050806_032316_000000392039_00362_17951_5524.N1	06-AUG-2005 03:23:16	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17951	No
27	GOM_NL__2PRFIN20050806_033121_000000382039_00362_17951_5525.N1	06-AUG-2005 03:31:21	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17951	No
28	GOM_NL__2PRFIN20050806_033937_000000412039_00362_17951_5526.N1	06-AUG-2005 03:39:37	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17951	No
29	GOM_NL__2PRFIN20050806_034200_000000372039_00362_17951_5527.N1	06-AUG-2005 03:42:00	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17951	No
30	GOM_NL__2PRFIN20050806_035143_000000352039_00362_17951_5528.N1	06-AUG-2005 03:51:43	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17951	No
31	GOM_NL__2PRFIN20050806_035849_000000372039_00362_17951_5529.N1	06-AUG-2005 03:58:49	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	17951	No
32	GOM_NL__2PRFIN20050806_040243_000000342039_00362_17951_5530.N1	06-AUG-2005 04:02:43	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	17951	No
33	GOM_NL__2PRFIN20050806_040655_000000342039_00362_17951_5531.N1	06-AUG-2005 04:06:55	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	17951	No
34	GOM_NL__2PRFIN20050806_041059_000000362039_00362_17951_5532.N1	06-AUG-2005 04:10:59	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17951	No
35	GOM_NL__2PRFIN20050806_044305_000000382039_00362_17951_5533.N1	06-AUG-2005 04:43:05	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	17951	No
36	GOM_NL__2PRFIN20050806_044535_000000122039_00362_17951_5534.N1	06-AUG-2005 04:45:35	Dark	12.000	37	25Del CMa	1.8300	5900.0	24	17951	No
37	GOM_NL__2PRFIN20050806_044622_000000372039_00362_17951_5535.N1	06-AUG-2005 04:46:22	Dark	36.500	23	21Eps CMa	1.5020	26000.	73	17951	No
38	GOM_NL__2PRFIN20050806_045308_000000432039_00362_17951_5536.N1	06-AUG-2005 04:53:08	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	17951	No
39	GOM_NL__2PRFIN20050806_050352_000000392039_00363_17952_5525.N1	06-AUG-2005 05:03:52	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17952	No
40	GOM_NL__2PRFIN20050806_051157_000000382039_00363_17952_5526.N1	06-AUG-2005 05:11:57	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17952	No
41	GOM_NL__2PRFIN20050806_052013_000000422039_00363_17952_5527.N1	06-AUG-2005 05:20:13	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17952	No
42	GOM_NL__2PRFIN20050806_052236_000000382039_00363_17952_5528.N1	06-AUG-2005 05:22:36	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17952	No

43	GOM_NL__2PRFIN20050806_053219_000000352039_00363_17952_5529.N1	06-AUG-2005 05:32:19	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17952	No
44	GOM_NL__2PRFIN20050806_053926_000000382039_00363_17952_5530.N1	06-AUG-2005 05:39:26	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	17952	No
45	GOM_NL__2PRFIN20050806_054320_000000362039_00363_17952_5531.N1	06-AUG-2005 05:43:20	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	17952	No
46	GOM_NL__2PRFIN20050806_054731_000000372039_00363_17952_5532.N1	06-AUG-2005 05:47:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17952	No
47	GOM_NL__2PRFIN20050806_055135_000000342039_00363_17952_5533.N1	06-AUG-2005 05:51:35	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	17952	No
48	GOM_NL__2PRFIN20050806_062342_000000412039_00363_17952_5534.N1	06-AUG-2005 06:23:42	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	17952	No
49	GOM_NL__2PRFIN20050806_062530_000000372039_00363_17952_5535.N1	06-AUG-2005 06:25:30	Dark	36.500	179	24Omi2CMa	3.0320	24000.	73	17952	No
50	GOM_NL__2PRFIN20050806_062658_000000412039_00363_17952_5536.N1	06-AUG-2005 06:26:58	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17952	No
51	GOM_NL__2PRFIN20050806_063344_000000452039_00363_17952_5537.N1	06-AUG-2005 06:33:44	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	17952	No
52	GOM_NL__2PRFIN20050806_064429_000000362039_00364_17953_5526.N1	06-AUG-2005 06:44:29	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17953	No
53	GOM_NL__2PRFIN20050806_065233_000000422039_00364_17953_5527.N1	06-AUG-2005 06:52:33	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	17953	No
54	GOM_NL__2PRFIN20050806_070050_000000422039_00364_17953_5528.N1	06-AUG-2005 07:00:50	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17953	No
55	GOM_NL__2PRFIN20050806_070312_000000362039_00364_17953_5529.N1	06-AUG-2005 07:03:12	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	17953	No
56	GOM_NL__2PRFIN20050806_071255_000000352039_00364_17953_5530.N1	06-AUG-2005 07:12:55	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17953	No
57	GOM_NL__2PRFIN20050806_072002_000000392039_00364_17953_5531.N1	06-AUG-2005 07:20:02	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17953	No
58	GOM_NL__2PRFIN20050806_072356_000000372039_00364_17953_5532.N1	06-AUG-2005 07:23:56	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17953	No
59	GOM_NL__2PRFIN20050806_072808_000000382039_00364_17953_5533.N1	06-AUG-2005 07:28:08	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17953	No
60	GOM_NL__2PRFIN20050806_073211_000000372039_00364_17953_5534.N1	06-AUG-2005 07:32:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	17953	No
61	GOM_NL__2PRFIN20050806_080418_000000492039_00364_17953_5535.N1	06-AUG-2005 08:04:18	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	17953	No
62	GOM_NL__2PRFIN20050806_080606_000000382039_00364_17953_5536.N1	06-AUG-2005 08:06:06	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	17953	No
63	GOM_NL__2PRFIN20050806_080734_000000392039_00364_17953_5537.N1	06-AUG-2005 08:07:34	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	17953	No
64	GOM_NL__2PRFIN20050806_081420_000000452039_00364_17953_5538.N1	06-AUG-2005 08:14:20	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	17953	No
65	GOM_NL__2PRFIN20050806_082505_000000362039_00365_17954_5527.N1	06-AUG-2005 08:25:05	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17954	No
66	GOM_NL__2PRFIN20050806_083310_000000412039_00365_17954_5528.N1	06-AUG-2005 08:33:10	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	17954	No
67	GOM_NL__2PRFIN20050806_084126_000000462039_00365_17954_5529.N1	06-AUG-2005 08:41:26	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	17954	No
68	GOM_NL__2PRFIN20050806_084349_000000372039_00365_17954_5530.N1	06-AUG-2005 08:43:49	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17954	No
69	GOM_NL__2PRFIN20050806_085331_000000352039_00365_17954_5531.N1	06-AUG-2005 08:53:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17954	No
70	GOM_NL__2PRFIN20050806_090038_000000342039_00365_17954_5532.N1	06-AUG-2005 09:00:38	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	17954	No
71	GOM_NL__2PRFIN20050806_090432_000000382039_00365_17954_5533.N1	06-AUG-2005 09:04:32	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17954	No
72	GOM_NL__2PRFIN20050806_090844_000000372039_00365_17954_5534.N1	06-AUG-2005 09:08:44	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17954	No
73	GOM_NL__2PRFIN20050806_091247_000000362039_00365_17954_5535.N1	06-AUG-2005 09:12:47	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17954	No
74	GOM_NL__2PRFIN20050806_094454_000000382039_00365_17954_5536.N1	06-AUG-2005 09:44:54	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	17954	No
75	GOM_NL__2PRFIN20050806_094642_000000382039_00365_17954_5537.N1	06-AUG-2005 09:46:42	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17954	No
76	GOM_NL__2PRFIN20050806_094810_000000402039_00365_17954_5538.N1	06-AUG-2005 09:48:10	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	17954	No
77	GOM_NL__2PRFIN20050806_095456_000000472039_00365_17954_5539.N1	06-AUG-2005 09:54:56	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	17954	No
78	GOM_NL__2PRFIN20050806_100541_000000372039_00366_17955_5528.N1	06-AUG-2005 10:05:41	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17955	No
79	GOM_NL__2PRFIN20050806_101346_000000382039_00366_17955_5529.N1	06-AUG-2005 10:13:46	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	17955	No
80	GOM_NL__2PRFIN20050806_102202_000000422039_00366_17955_5530.N1	06-AUG-2005 10:22:02	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17955	No
81	GOM_NL__2PRFIN20050806_102425_000000362039_00366_17955_5531.N1	06-AUG-2005 10:24:25	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17955	No
82	GOM_NL__2PRFIN20050806_103407_000000352039_00366_17955_5532.N1	06-AUG-2005 10:34:07	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17955	No
83	GOM_NL__2PRFIN20050806_104114_000000392039_00366_17955_5533.N1	06-AUG-2005 10:41:14	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17955	No
84	GOM_NL__2PRFIN20050806_104508_000000372039_00366_17955_5534.N1	06-AUG-2005 10:45:08	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17955	No
85	GOM_NL__2PRFIN20050806_104920_000000372039_00366_17955_5535.N1	06-AUG-2005 10:49:20	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17955	No
86	GOM_NL__2PRFIN20050806_105324_000000362039_00366_17955_5536.N1	06-AUG-2005 10:53:24	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17955	No
87	GOM_NL__2PRFIN20050806_112530_000000462039_00366_17955_5537.N1	06-AUG-2005 11:25:30	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	17955	No
88	GOM_NL__2PRFIN20050806_112718_000000372039_00366_17955_5538.N1	06-AUG-2005 11:27:18	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	17955	No
89	GOM_NL__2PRFIN20050806_112846_000000412039_00366_17955_5539.N1	06-AUG-2005 11:28:46	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17955	No
90	GOM_NL__2PRFIN20050806_113532_000000492039_00366_17955_5540.N1	06-AUG-2005 11:35:32	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	17955	No
91	GOM_NL__2PRFIN20050806_114617_000000362039_00367_17956_5529.N1	06-AUG-2005 11:46:17	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17956	No
92	GOM_NL__2PRFIN20050806_115422_000000392039_00367_17956_5530.N1	06-AUG-2005 11:54:22	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	17956	No
93	GOM_NL__2PRFIN20050806_120238_000000382039_00367_17956_5531.N1	06-AUG-2005 12:02:38	Bright	38.000	103	38Zet Sgr	2.6000	9700.0	76	17956	No
94	GOM_NL__2PRFIN20050806_120501_000000362039_00367_17956_5532.N1	06-AUG-2005 12:05:01	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17956	No
95	GOM_NL__2PRFIN20050806_121443_000000352039_00367_17956_5533.N1	06-AUG-2005 12:14:43	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17956	No
96	GOM_NL__2PRFIN20050806_122150_000000392039_00367_17956_5534.N1	06-AUG-2005 12:21:50	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17956	No
97	GOM_NL__2PRFIN20050806_122544_000000392039_00367_17956_5535.N1	06-AUG-2005 12:25:44	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17956	No
98	GOM_NL__2PRFIN20050806_122957_000000372039_00367_17956_5536.N1	06-AUG-2005 12:29:57	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17956	No
99	GOM_NL__2PRFIN20050806_123400_000000372039_00367_17956_5537.N1	06-AUG-2005 12:34:00	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	17956	No
100	GOM_NL__2PRFIN20050806_130606_000000452039_00367_17956_5538.N1	06-AUG-2005 13:06:06	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	17956	No
101	GOM_NL__2PRFIN20050806_130754_000000372039_00367_17956_5539.N1	06-AUG-2005 13:07:54	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	17956	No

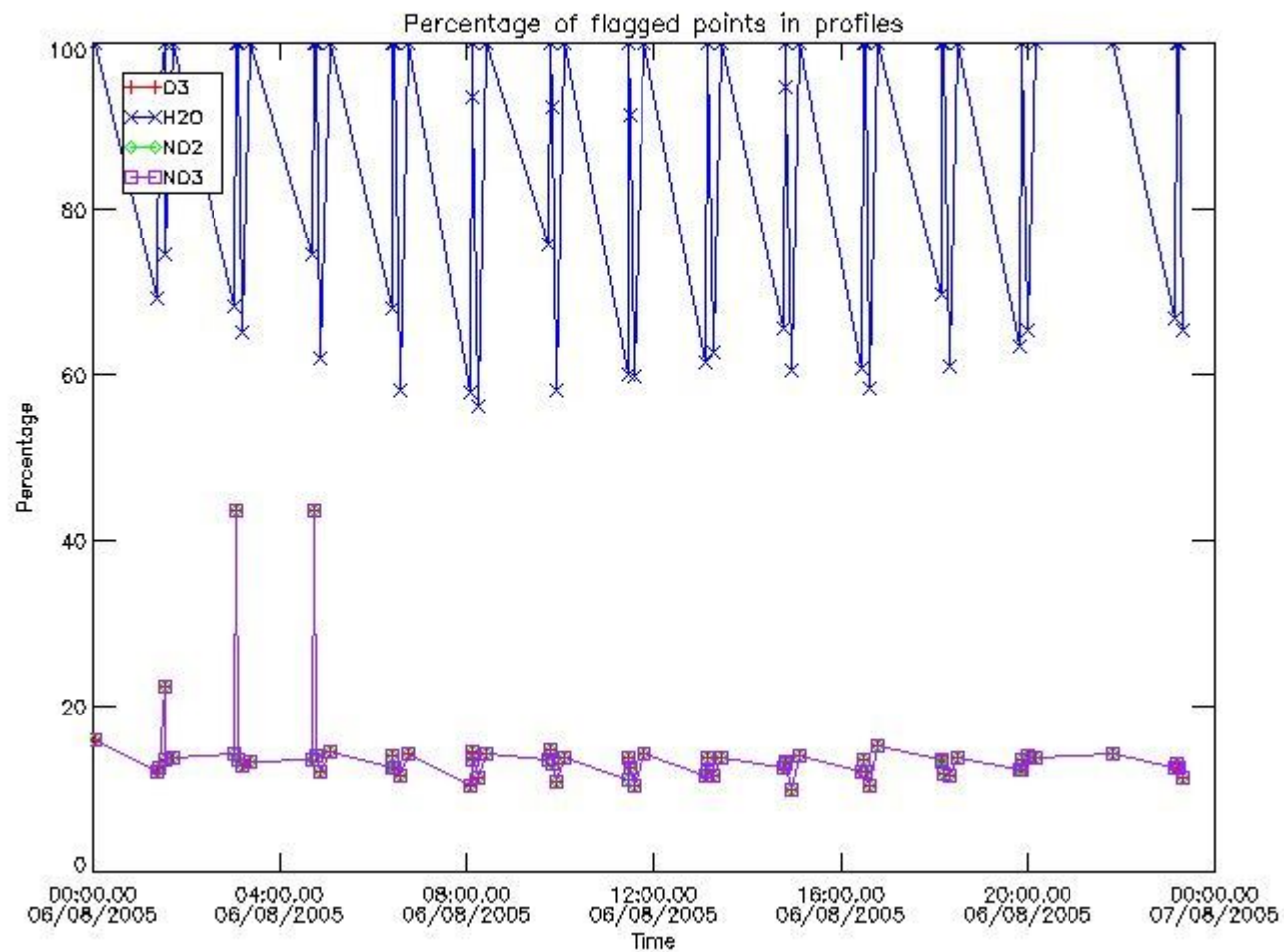
102	GOM_NL__2PRFIN20050806_130922_000000422039_00367_17956_5540.N1	06-AUG-2005 13:09:22	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	17956	No
103	GOM_NL__2PRFIN20050806_131608_000000452039_00367_17956_5541.N1	06-AUG-2005 13:16:08	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	17956	No
104	GOM_NL__2PRFIN20050806_132653_000000372039_00368_17957_5530.N1	06-AUG-2005 13:26:53	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17957	No
105	GOM_NL__2PRFIN20050806_133458_000000382039_00368_17957_5531.N1	06-AUG-2005 13:34:58	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17957	No
106	GOM_NL__2PRFIN20050806_134314_000000412039_00368_17957_5532.N1	06-AUG-2005 13:43:14	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17957	No
107	GOM_NL__2PRFIN20050806_134537_000000372039_00368_17957_5533.N1	06-AUG-2005 13:45:37	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17957	No
108	GOM_NL__2PRFIN20050806_135519_000000342039_00368_17957_5534.N1	06-AUG-2005 13:55:19	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17957	No
109	GOM_NL__2PRFIN20050806_140226_000000382039_00368_17957_5535.N1	06-AUG-2005 14:02:26	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	17957	No
110	GOM_NL__2PRFIN20050806_140620_000000352039_00368_17957_5536.N1	06-AUG-2005 14:06:20	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	17957	No
111	GOM_NL__2PRFIN20050806_141033_000000372039_00368_17957_5537.N1	06-AUG-2005 14:10:33	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17957	No
112	GOM_NL__2PRFIN20050806_141436_000000392039_00368_17957_5538.N1	06-AUG-2005 14:14:36	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	17957	No
113	GOM_NL__2PRFIN20050806_144642_000000412039_00368_17957_5539.N1	06-AUG-2005 14:46:42	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	17957	No
114	GOM_NL__2PRFIN20050806_144830_000000392039_00368_17957_5540.N1	06-AUG-2005 14:48:30	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	17957	No
115	GOM_NL__2PRFIN20050806_144958_000000392039_00368_17957_5541.N1	06-AUG-2005 14:49:58	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	17957	No
116	GOM_NL__2PRFIN20050806_145644_000000512039_00368_17957_5542.N1	06-AUG-2005 14:56:44	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	17957	No
117	GOM_NL__2PRFIN20050806_150729_000000372039_00369_17958_5531.N1	06-AUG-2005 15:07:29	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17958	No
118	GOM_NL__2PRFIN20050806_151534_000000382039_00369_17958_5532.N1	06-AUG-2005 15:15:34	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	17958	No
119	GOM_NL__2PRFIN20050806_152350_000000382039_00369_17958_5533.N1	06-AUG-2005 15:23:50	Bright	38.000	103	38Zet Sgr	2.6000	9700.0	76	17958	No
120	GOM_NL__2PRFIN20050806_152613_000000372039_00369_17958_5534.N1	06-AUG-2005 15:26:13	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17958	No
121	GOM_NL__2PRFIN20050806_153555_000000362039_00369_17958_5535.N1	06-AUG-2005 15:35:55	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	17958	No
122	GOM_NL__2PRFIN20050806_154302_000000392039_00369_17958_5536.N1	06-AUG-2005 15:43:02	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	17958	No
123	GOM_NL__2PRFIN20050806_154656_000000342039_00369_17958_5537.N1	06-AUG-2005 15:46:56	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	17958	No
124	GOM_NL__2PRFIN20050806_155109_000000372039_00369_17958_5538.N1	06-AUG-2005 15:51:09	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17958	No
125	GOM_NL__2PRFIN20050806_155512_000000342039_00369_17958_5539.N1	06-AUG-2005 15:55:12	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17958	No
126	GOM_NL__2PRFIN20050806_162718_000000432039_00369_17958_5540.N1	06-AUG-2005 16:27:18	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	17958	No
127	GOM_NL__2PRFIN20050806_162906_000000382039_00369_17958_5541.N1	06-AUG-2005 16:29:06	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17958	No
128	GOM_NL__2PRFIN20050806_163034_000000422039_00369_17958_5542.N1	06-AUG-2005 16:30:34	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	17958	No
129	GOM_NL__2PRFIN20050806_163720_000000502039_00369_17958_5543.N1	06-AUG-2005 16:37:20	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	17958	No
130	GOM_NL__2PRFIN20050806_164805_000000372039_00370_17959_5532.N1	06-AUG-2005 16:48:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17959	No
131	GOM_NL__2PRFIN20050806_165610_000000362039_00370_17959_5533.N1	06-AUG-2005 16:56:10	Straylight	36.000	45	Alp Pav	1.9400	26000.	72	17959	No
132	GOM_NL__2PRFIN20050806_170426_000000442039_00370_17959_5534.N1	06-AUG-2005 17:04:26	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	17959	No
133	GOM_NL__2PRFIN20050806_170649_000000382039_00370_17959_5535.N1	06-AUG-2005 17:06:49	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17959	No
134	GOM_NL__2PRFIN20050806_171631_000000352039_00370_17959_5536.N1	06-AUG-2005 17:16:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17959	No
135	GOM_NL__2PRFIN20050806_172338_000000382039_00370_17959_5537.N1	06-AUG-2005 17:23:38	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	17959	No
136	GOM_NL__2PRFIN20050806_172733_000000372039_00370_17959_5538.N1	06-AUG-2005 17:27:33	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17959	No
137	GOM_NL__2PRFIN20050806_173145_000000372039_00370_17959_5539.N1	06-AUG-2005 17:31:45	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17959	No
138	GOM_NL__2PRFIN20050806_173548_000000362039_00370_17959_5540.N1	06-AUG-2005 17:35:48	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17959	No
139	GOM_NL__2PRFIN20050806_180754_000000422039_00370_17959_5541.N1	06-AUG-2005 18:07:54	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17959	No
140	GOM_NL__2PRFIN20050806_180943_000000392039_00370_17959_5542.N1	06-AUG-2005 18:09:43	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	17959	No
141	GOM_NL__2PRFIN20050806_181110_000000432039_00370_17959_5543.N1	06-AUG-2005 18:11:10	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	17959	No
142	GOM_NL__2PRFIN20050806_181756_000000442039_00370_17959_5544.N1	06-AUG-2005 18:17:56	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	17959	No
143	GOM_NL__2PRFIN20050806_182842_000000372039_00371_17960_5533.N1	06-AUG-2005 18:28:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17960	No
144	GOM_NL__2PRFIN20050806_183646_000000372039_00371_17960_5534.N1	06-AUG-2005 18:36:46	Straylight	36.500	45	Alp Pav	1.9400	26000.	73	17960	No
145	GOM_NL__2PRFIN20050806_184502_000000402039_00371_17960_5535.N1	06-AUG-2005 18:45:02	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	17960	No
146	GOM_NL__2PRFIN20050806_184725_000000362039_00371_17960_5536.N1	06-AUG-2005 18:47:25	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	17960	No
147	GOM_NL__2PRFIN20050806_185707_000000362039_00371_17960_5537.N1	06-AUG-2005 18:57:07	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17960	No
148	GOM_NL__2PRFIN20050806_190414_000000392039_00371_17960_5538.N1	06-AUG-2005 19:04:14	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	17960	No
149	GOM_NL__2PRFIN20050806_190809_000000372039_00371_17960_5539.N1	06-AUG-2005 19:08:09	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17960	No
150	GOM_NL__2PRFIN20050806_191222_000000372039_00371_17960_5540.N1	06-AUG-2005 19:12:22	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	17960	No
151	GOM_NL__2PRFIN20050806_191625_000000362039_00371_17960_5541.N1	06-AUG-2005 19:16:25	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17960	No
152	GOM_NL__2PRFIN20050806_194831_000000422039_00371_17960_5542.N1	06-AUG-2005 19:48:31	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17960	No
153	GOM_NL__2PRFIN20050806_195019_000000382039_00371_17960_5543.N1	06-AUG-2005 19:50:19	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	17960	No
154	GOM_NL__2PRFIN20050806_195146_000000422039_00371_17960_5544.N1	06-AUG-2005 19:51:46	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	17960	No
155	GOM_NL__2PRFIN20050806_195832_000000512039_00371_17960_5545.N1	06-AUG-2005 19:58:32	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	17960	No
156	GOM_NL__2PRFIN20050806_200918_000000372039_00372_17961_5554.N1	06-AUG-2005 20:09:18	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17961	No
157	GOM_NL__2PRFIN20050806_201722_000000402039_00372_17961_5555.N1	06-AUG-2005 20:17:22	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	17961	No
158	GOM_NL__2PRFIN20050806_202538_000000432039_00372_17961_5556.N1	06-AUG-2005 20:25:38	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	17961	No
159	GOM_NL__2PRFIN20050806_202801_000000362039_00372_17961_5557.N1	06-AUG-2005 20:28:01	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17961	No
160	GOM_NL__2PRFIN20050806_203743_000000362039_00372_17961_5558.N1	06-AUG-2005 20:37:43	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17961	No

161	GOM_NL__2PRFIN20050806_204450_000000352039_00372_17961_5559.N1	06-AUG-2005 20:44:50	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	17961	No
162	GOM_NL__2PRFIN20050806_204845_000000392039_00372_17961_5560.N1	06-AUG-2005 20:48:45	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17961	No
163	GOM_NL__2PRFIN20050806_205258_000000382039_00372_17961_5561.N1	06-AUG-2005 20:52:58	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17961	No
164	GOM_NL__2PRFIN20050806_205701_000000362039_00372_17961_5562.N1	06-AUG-2005 20:57:01	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17961	No
165	GOM_NL__2PRFIN20050806_214954_000000362039_00373_17962_5555.N1	06-AUG-2005 21:49:54	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17962	No
166	GOM_NL__2PRFIN20050806_215758_000000462039_00373_17962_5556.N1	06-AUG-2005 21:57:58	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	17962	No
167	GOM_NL__2PRFIN20050806_220614_000000472039_00373_17962_5557.N1	06-AUG-2005 22:06:14	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	17962	No
168	GOM_NL__2PRFIN20050806_220837_000000372039_00373_17962_5558.N1	06-AUG-2005 22:08:37	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	17962	No
169	GOM_NL__2PRFIN20050806_221819_000000342039_00373_17962_5559.N1	06-AUG-2005 22:18:19	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	17962	No
170	GOM_NL__2PRFIN20050806_222526_000000332039_00373_17962_5560.N1	06-AUG-2005 22:25:26	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	17962	No
171	GOM_NL__2PRFIN20050806_222921_000000332039_00373_17962_5561.N1	06-AUG-2005 22:29:21	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	17962	No
172	GOM_NL__2PRFIN20050806_223334_000000382039_00373_17962_5562.N1	06-AUG-2005 22:33:34	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17962	No
173	GOM_NL__2PRFIN20050806_223737_000000362039_00373_17962_5563.N1	06-AUG-2005 22:37:37	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17962	No
174	GOM_NL__2PRFIN20050806_230943_000000412039_00373_17962_5564.N1	06-AUG-2005 23:09:43	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	17962	No
175	GOM_NL__2PRFIN20050806_231131_000000392039_00373_17962_5565.N1	06-AUG-2005 23:11:31	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	17962	No
176	GOM_NL__2PRFIN20050806_231258_000000412039_00373_17962_5566.N1	06-AUG-2005 23:12:58	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17962	No
177	GOM_NL__2PRFIN20050806_231944_000000502039_00373_17962_5567.N1	06-AUG-2005 23:19:44	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	17962	No

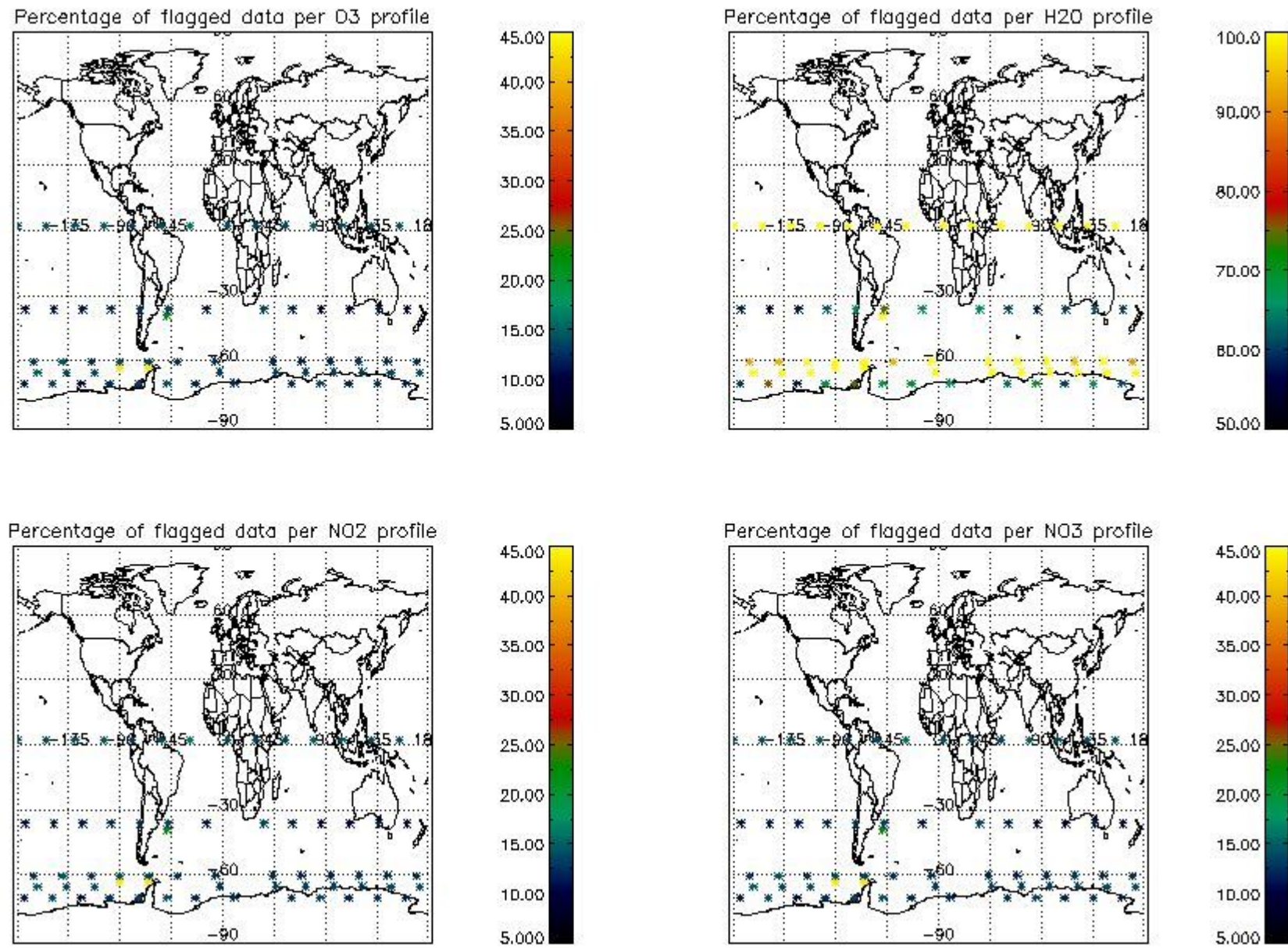
3. Quality information per product

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

3.1 Plot quality information per product (time dependant)



3.2 Plot quality information per product (world map)

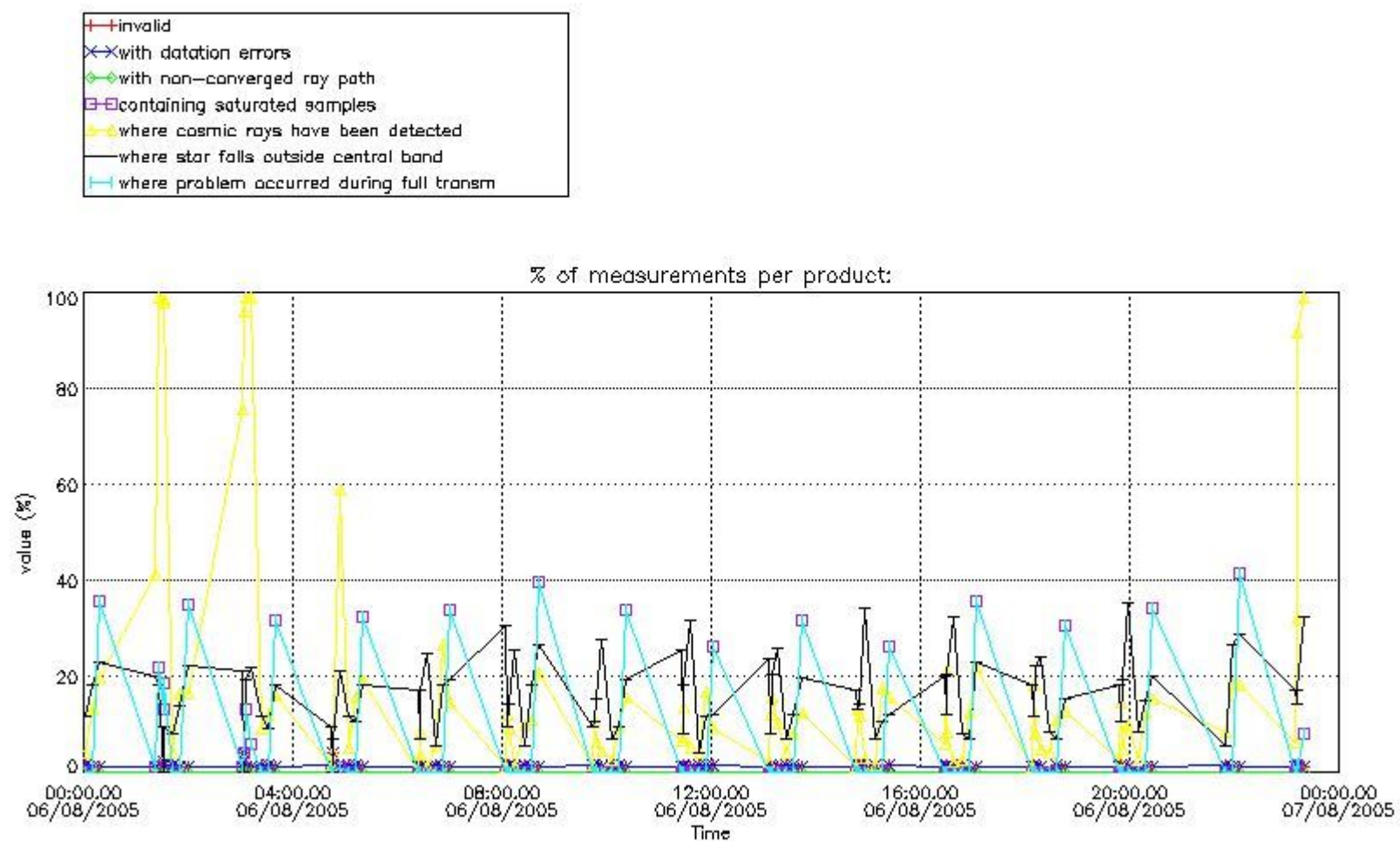


4. Level 1 quality information per product

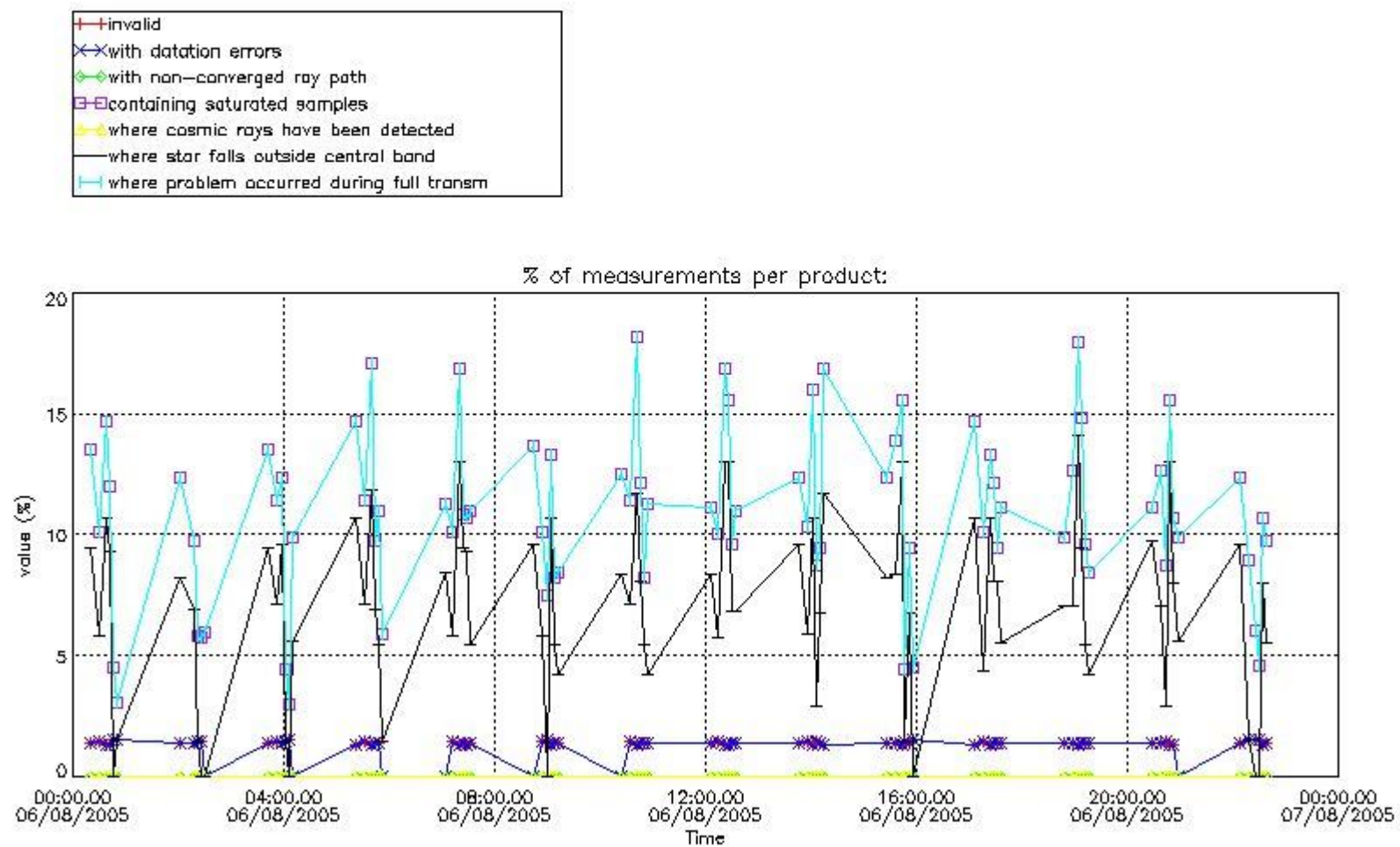
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

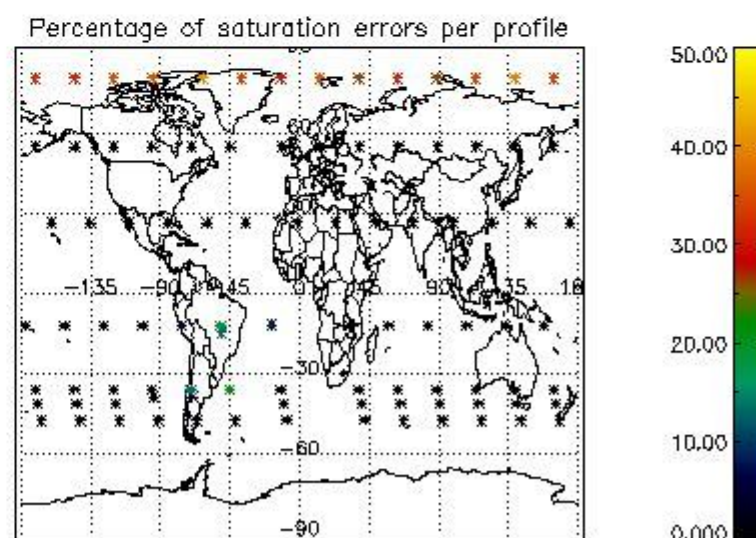
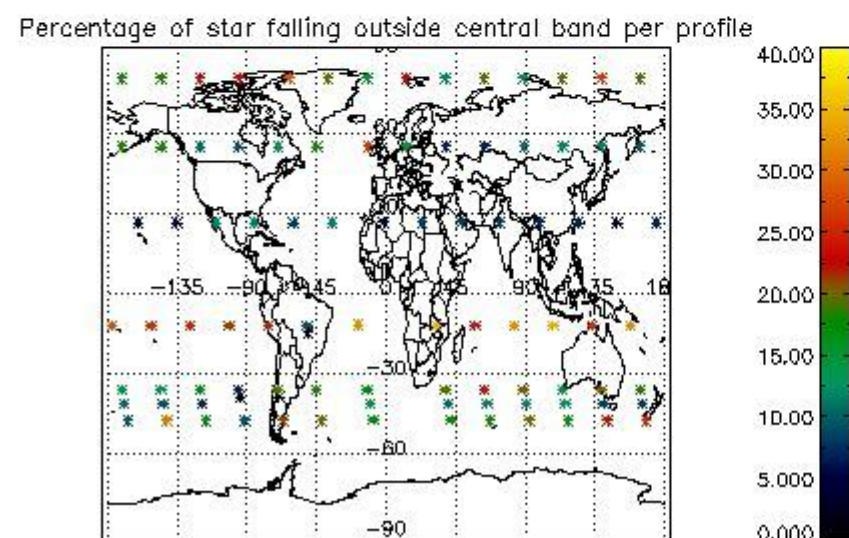
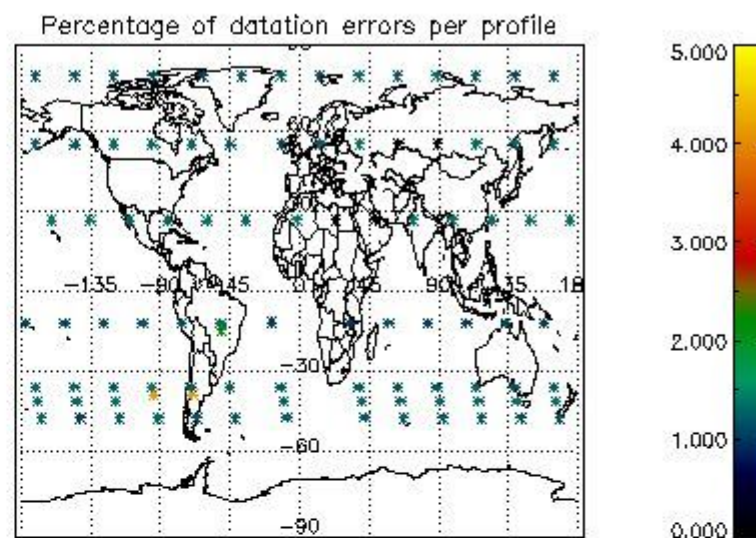
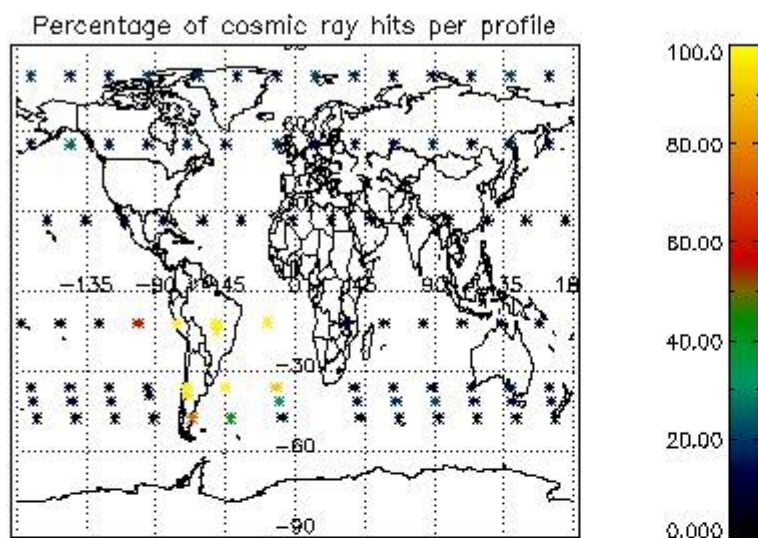


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



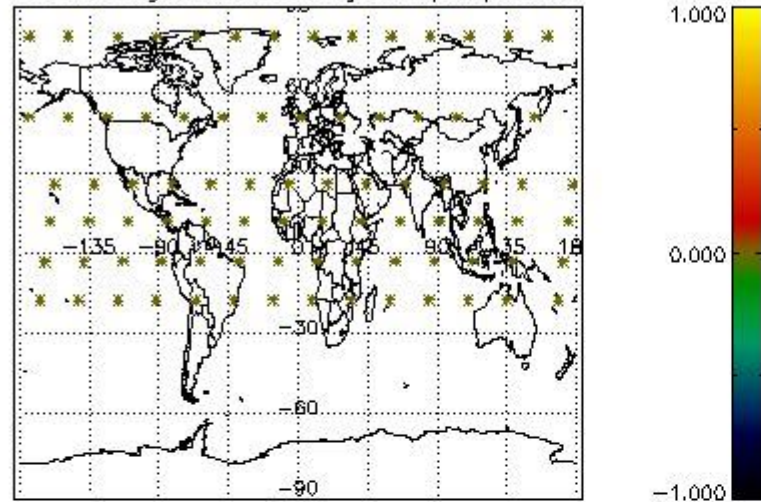
4.2 Plot quality information per product coming from level 1b processing (world map)

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

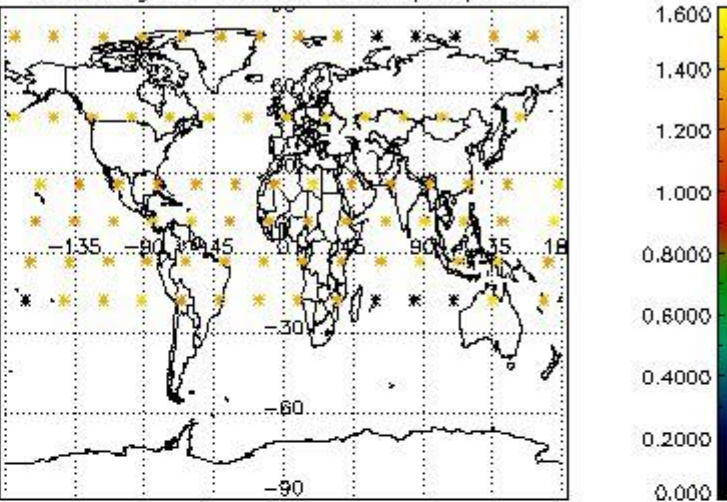


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

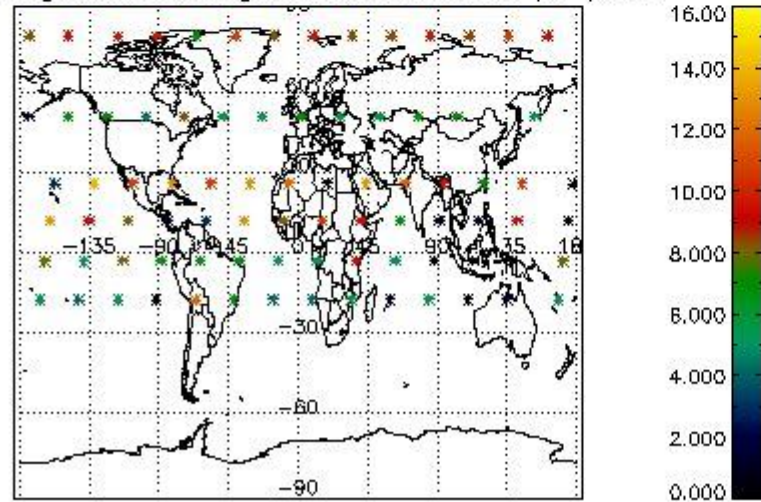
Percentage of cosmic ray hits per profile



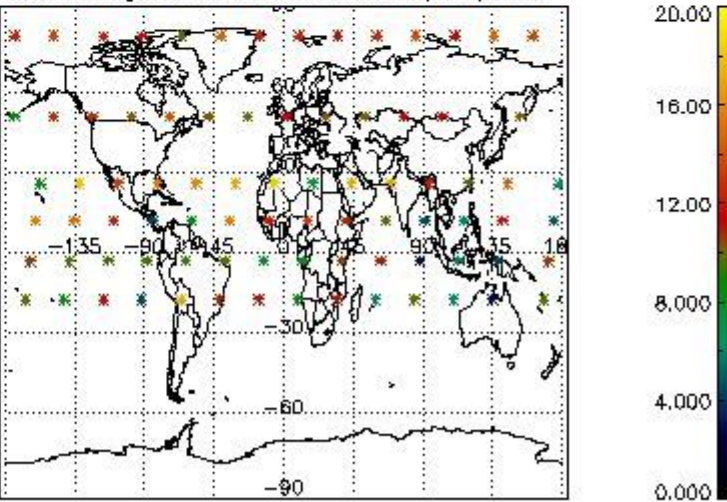
Percentage of datation errors per profile



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

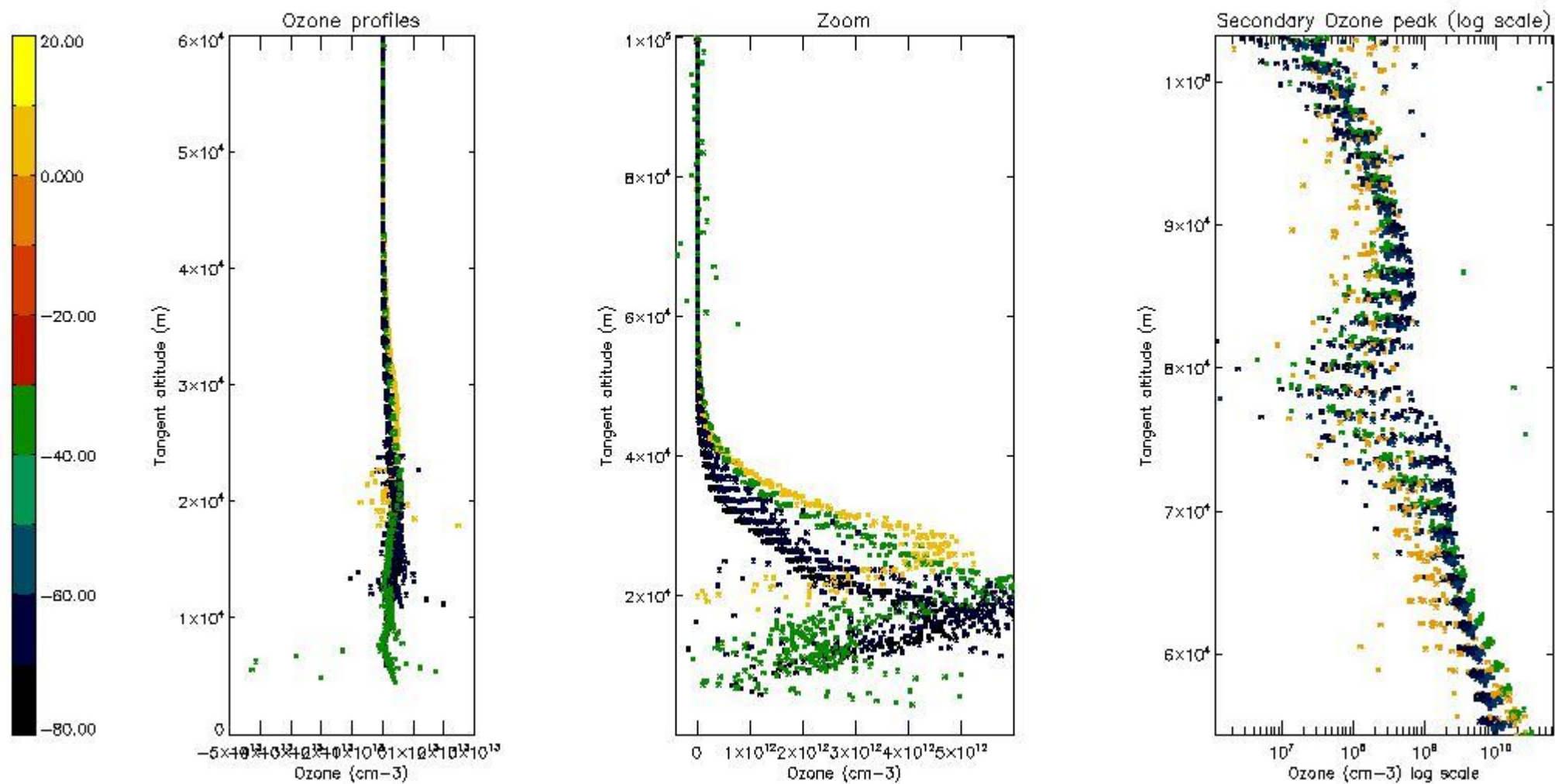
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	27

STD < 10	23
STD < 5	18

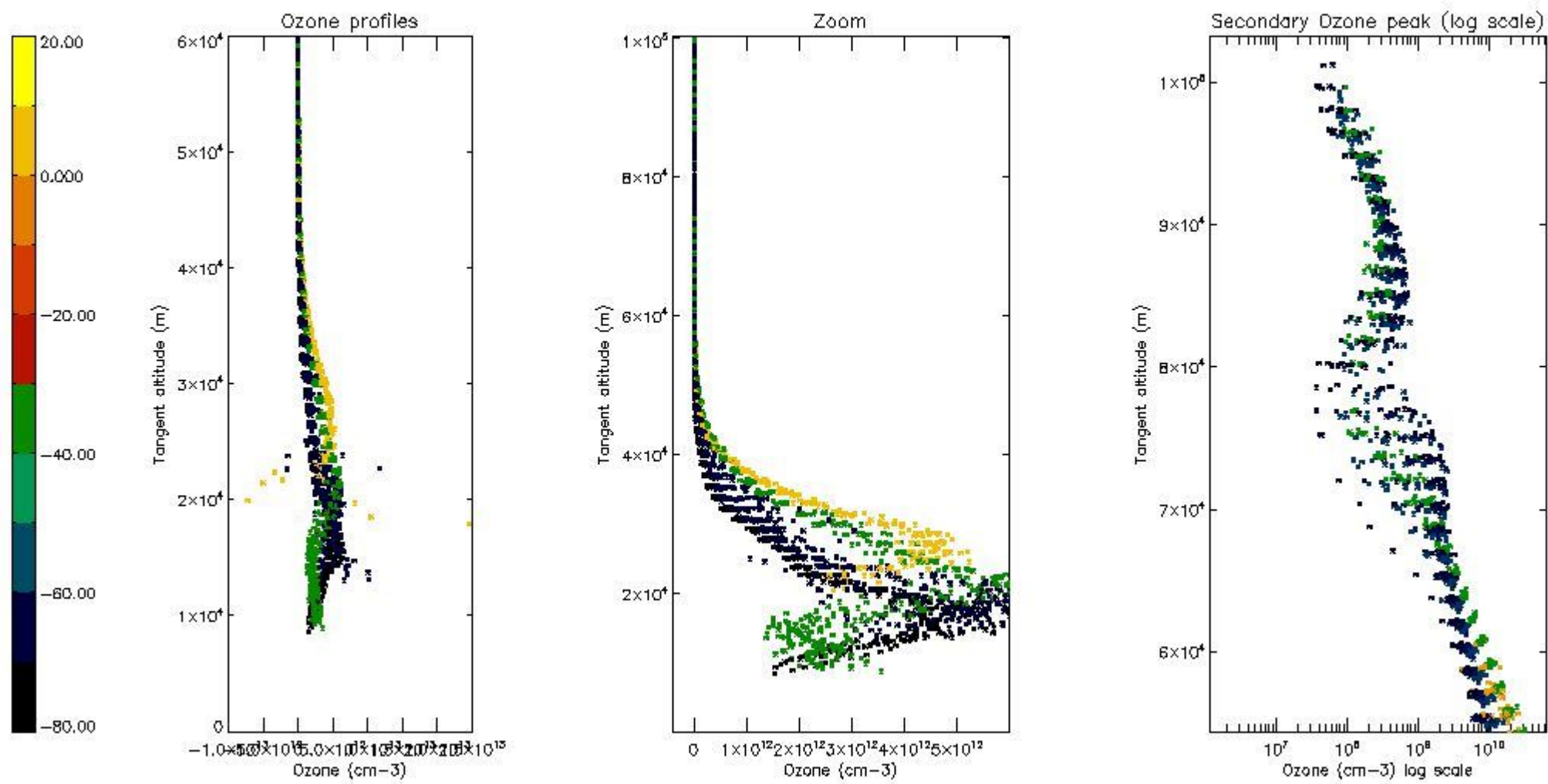
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



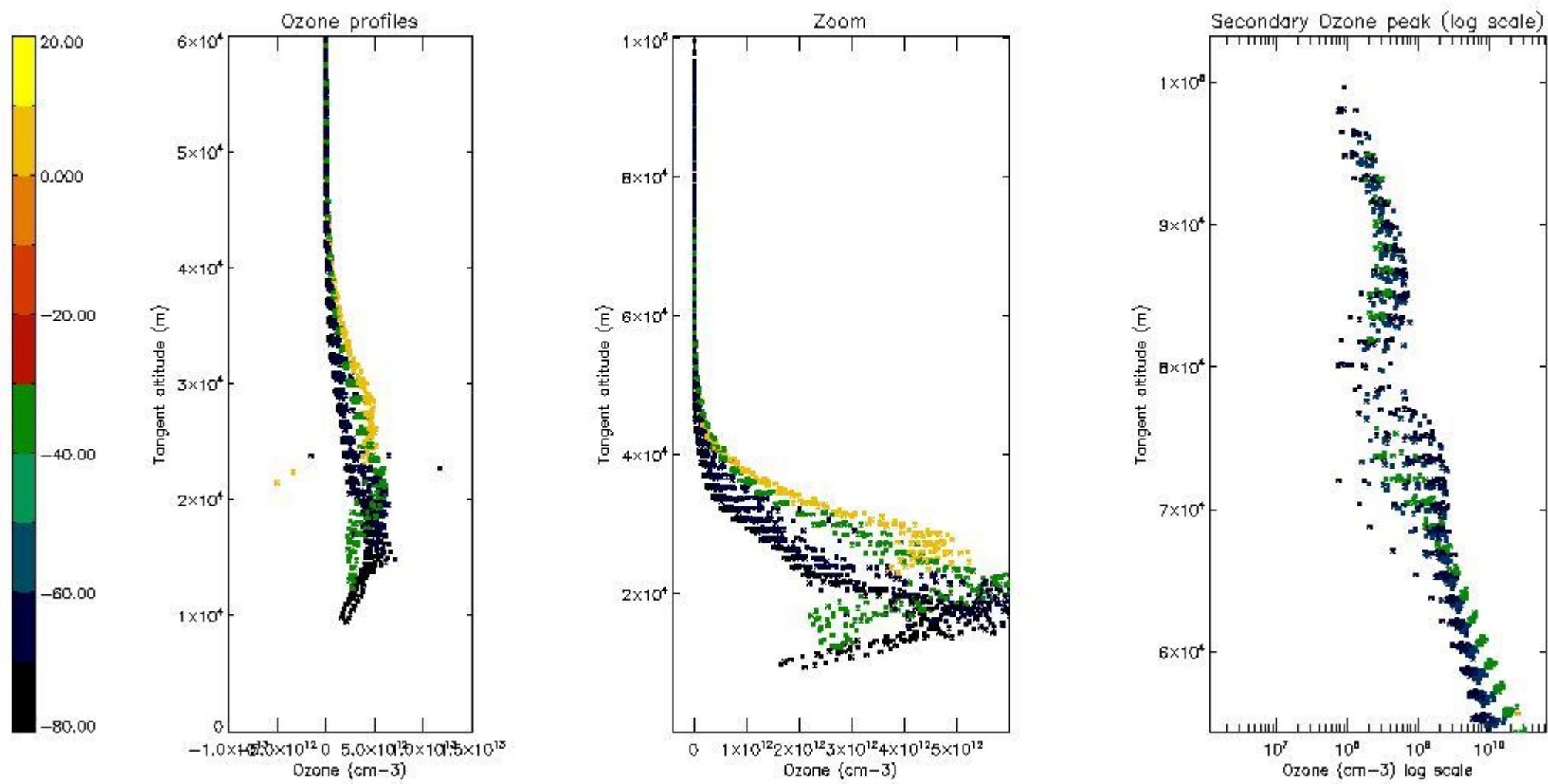
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



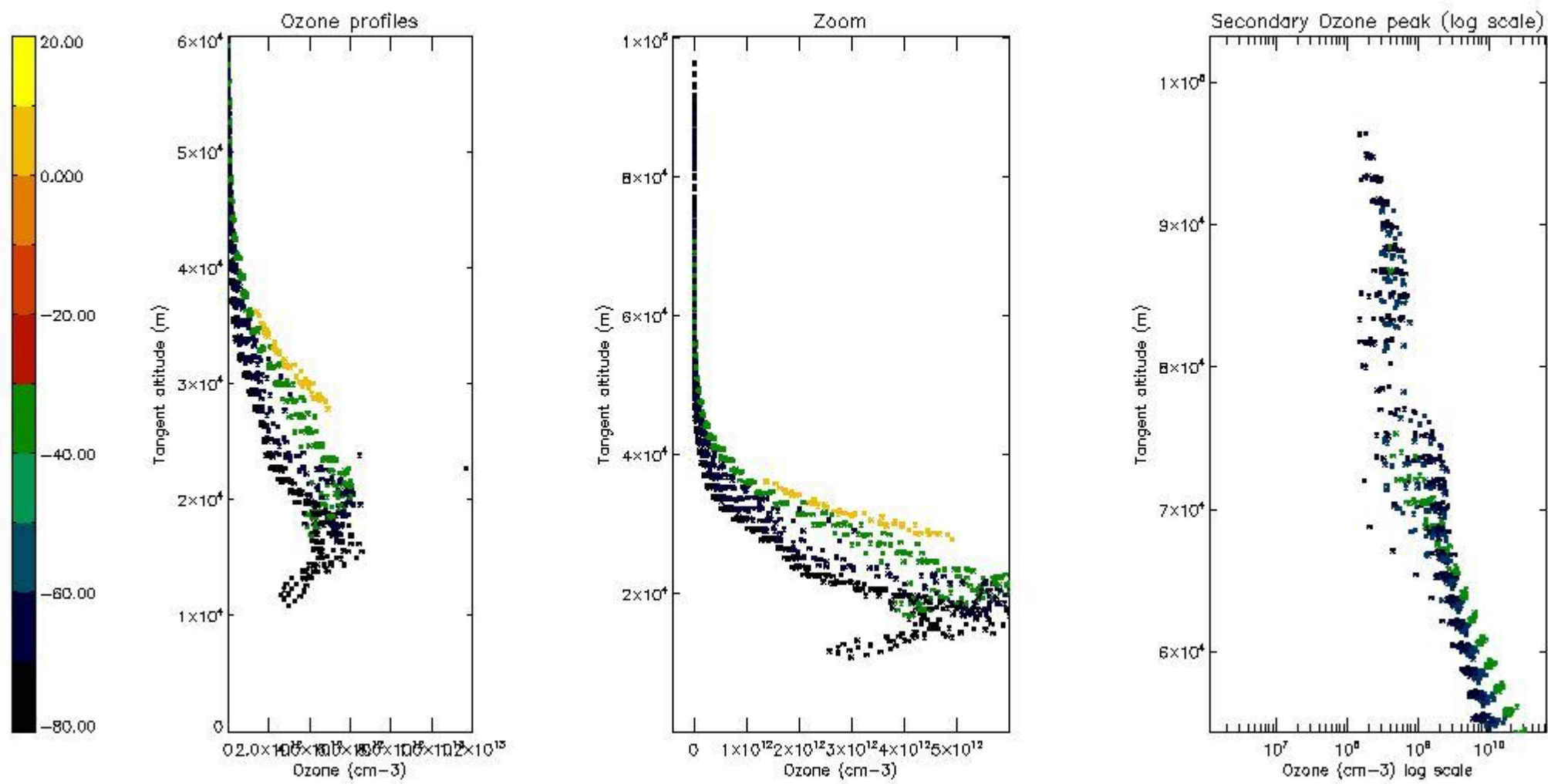
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



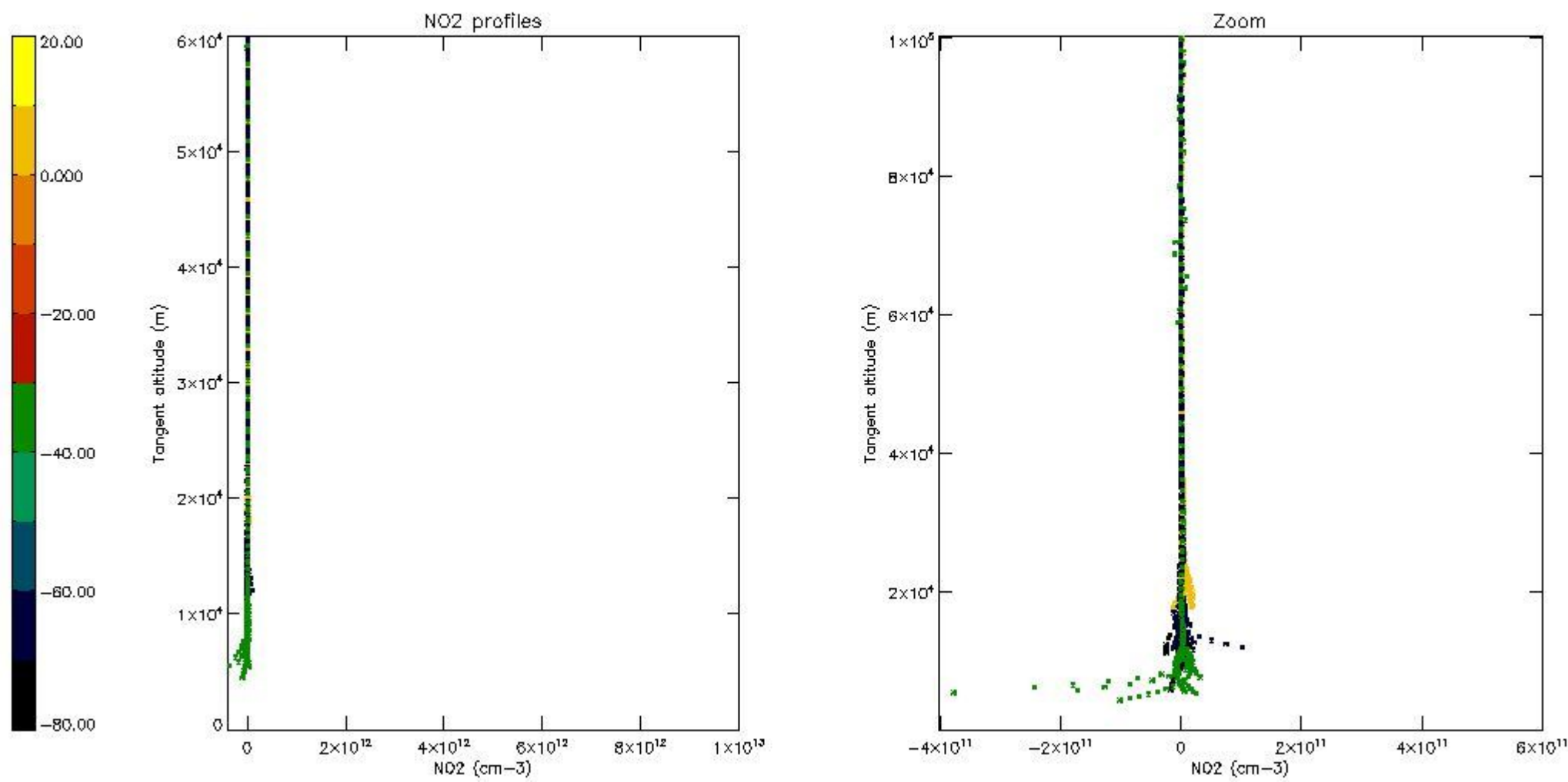
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



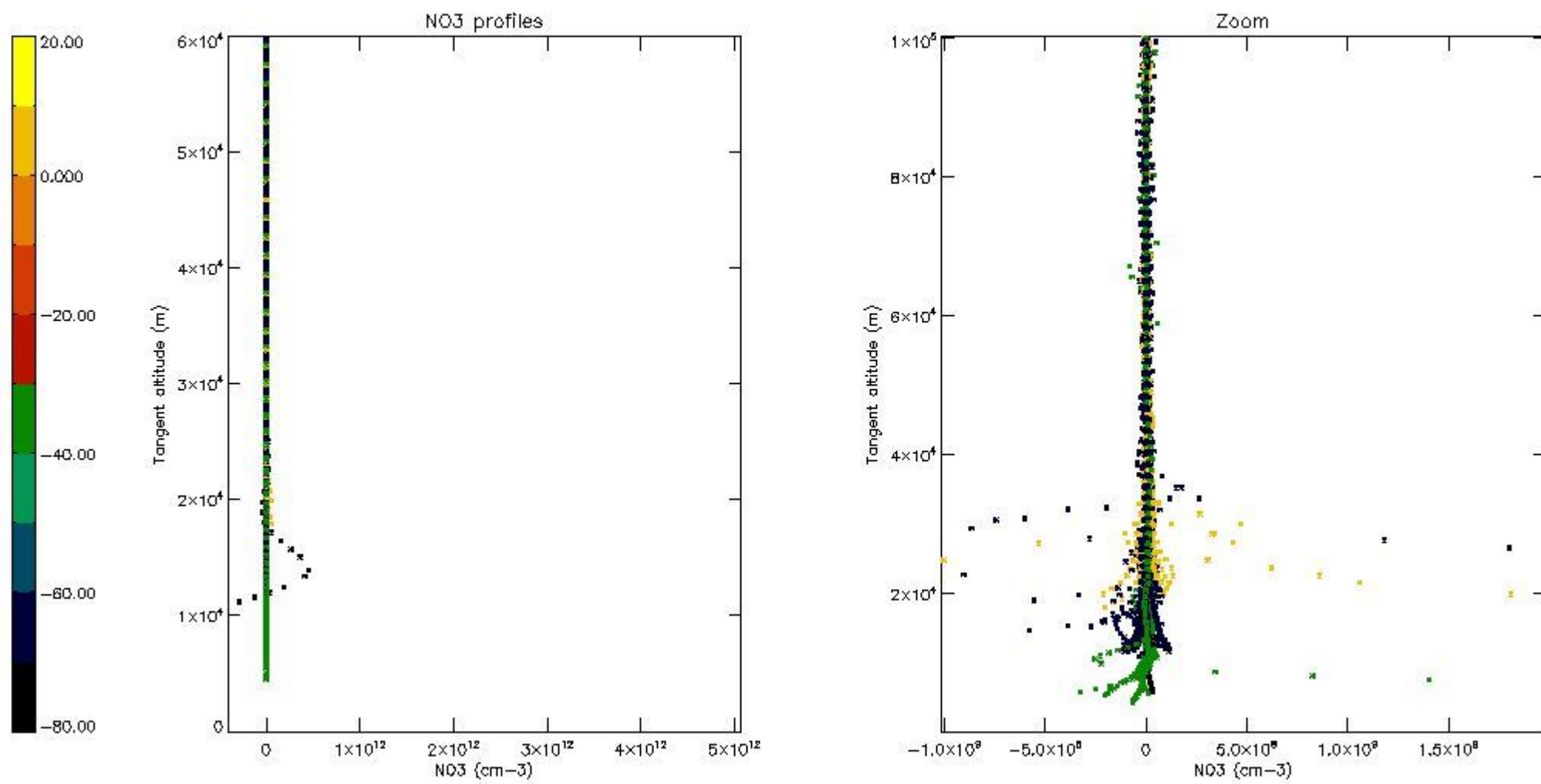
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



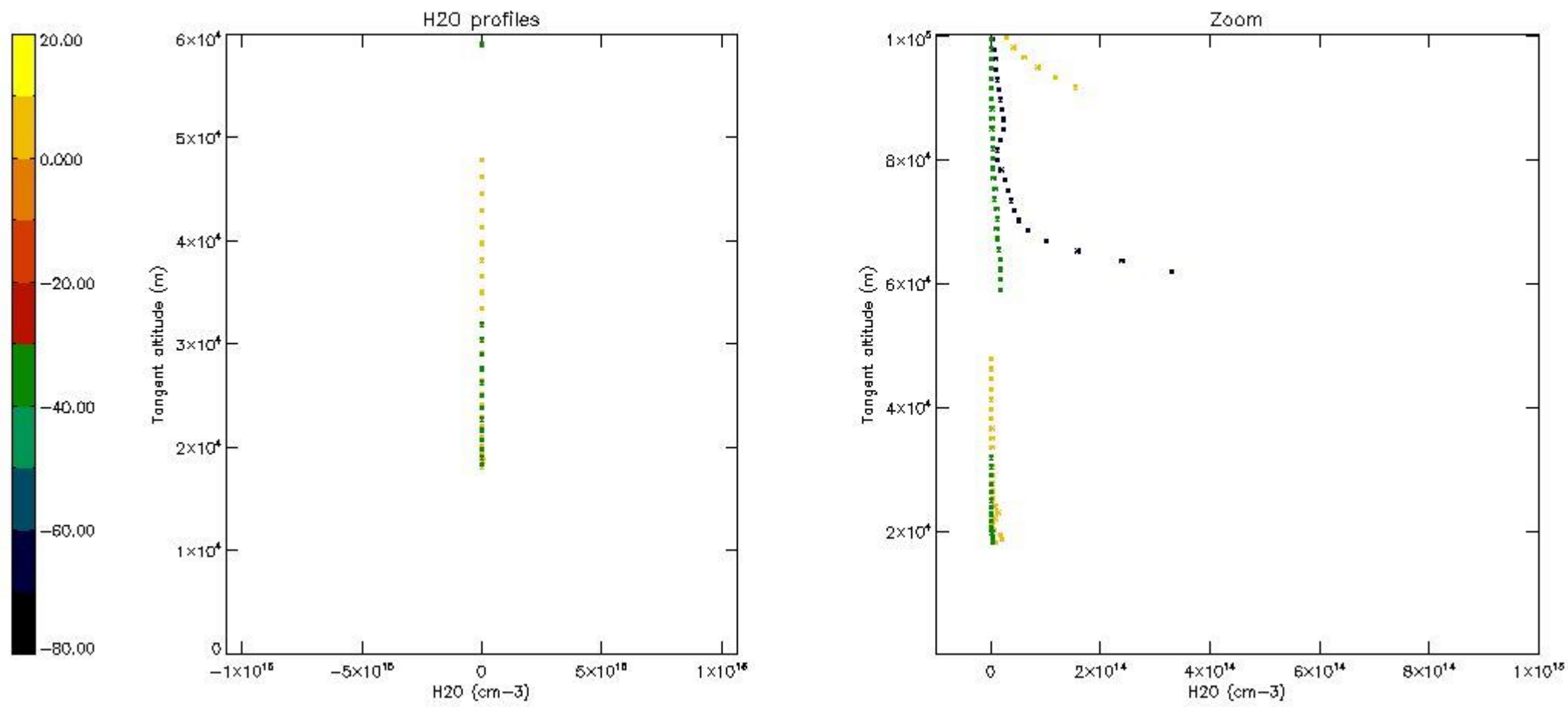
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

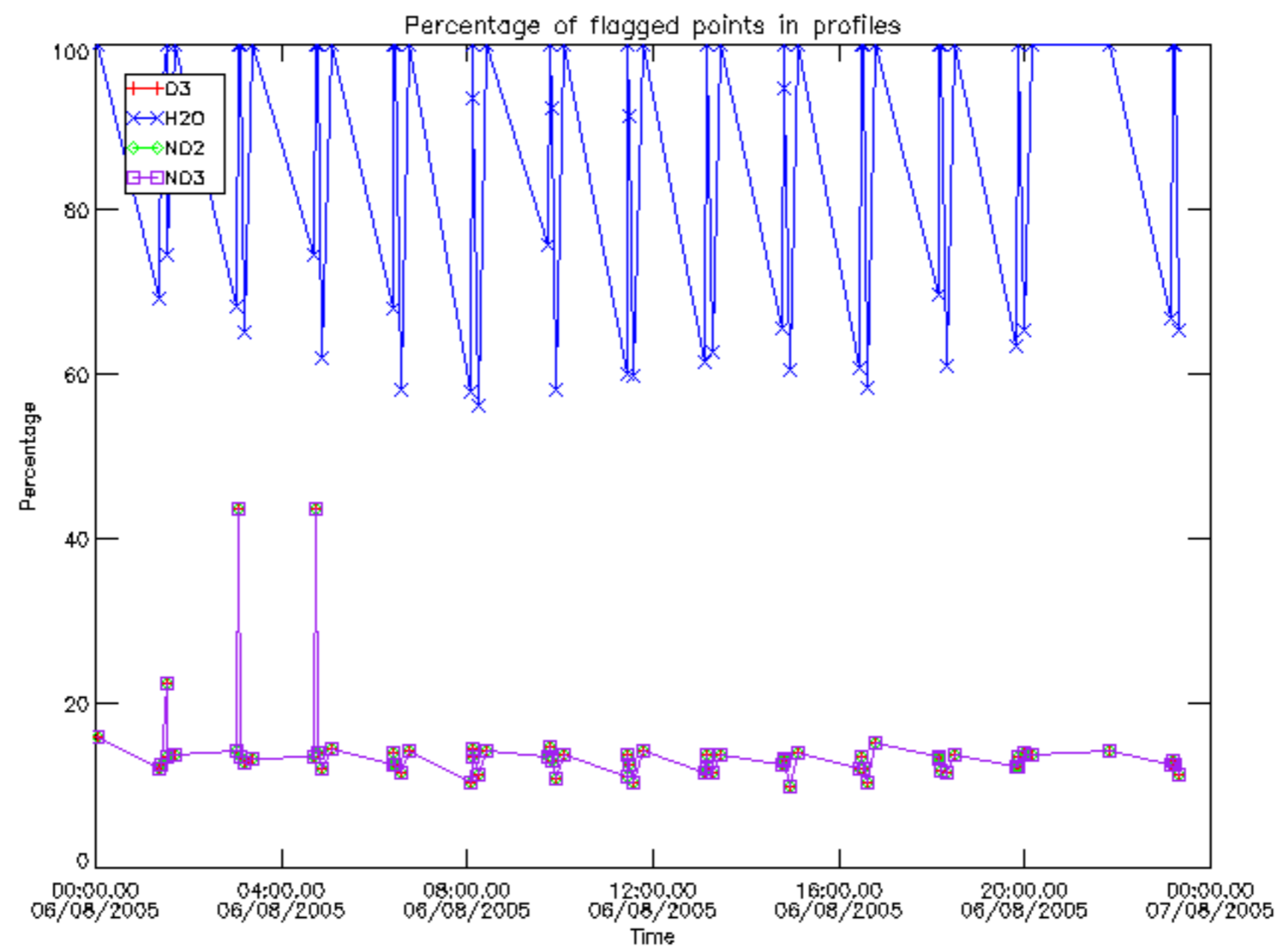
The colorbar represents the latitude.



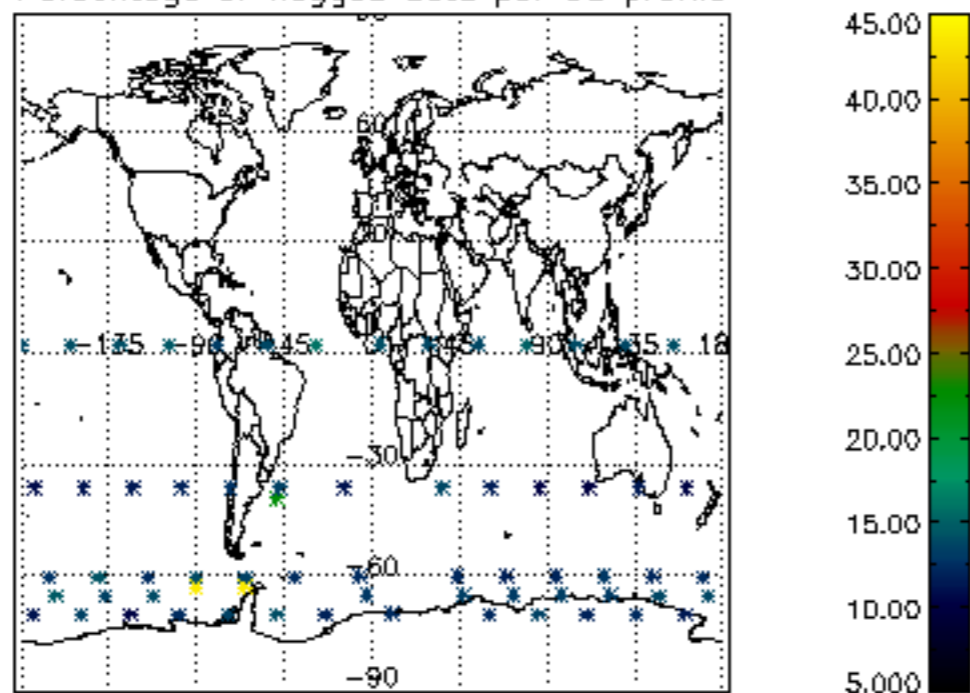
6. Auxiliary Data Files used for the production reported in section 2

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.

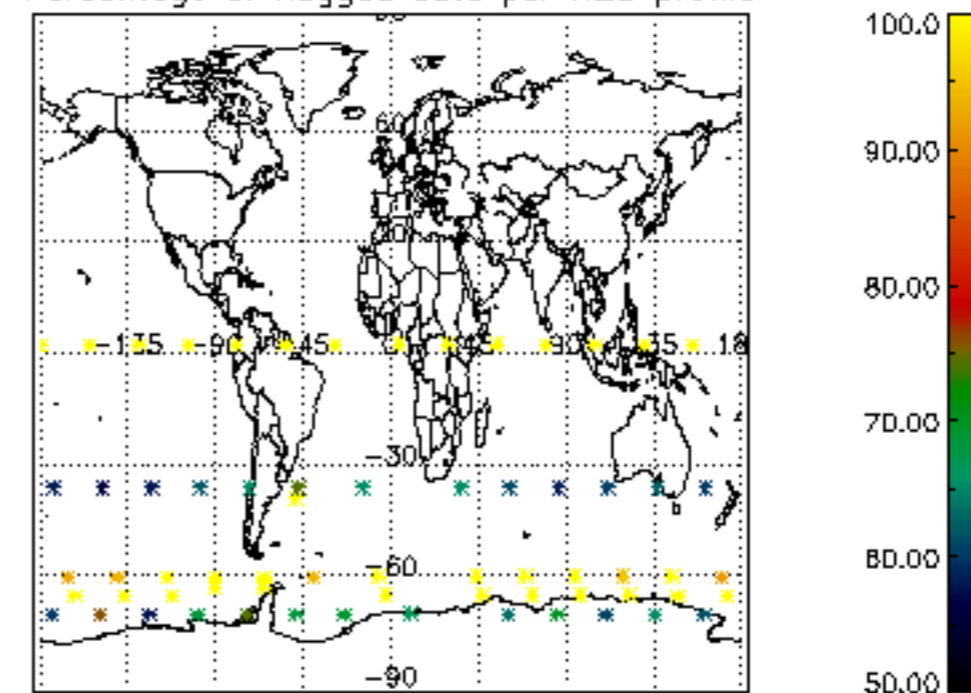
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-AUG-2005 00:02:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-AUG-2005 00:02:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-AUG-2005 00:02:04



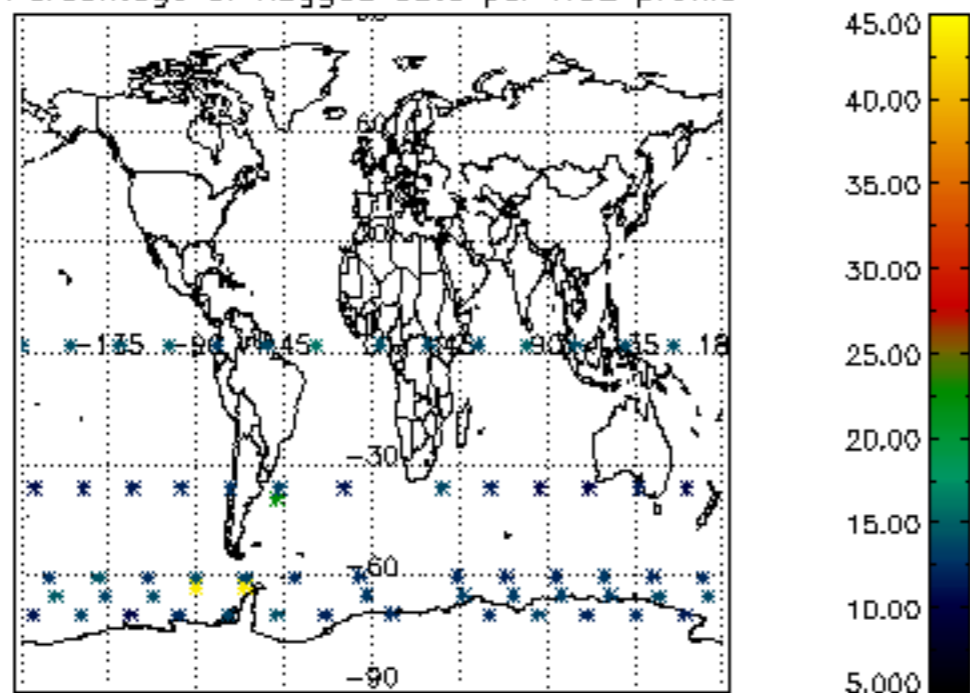
Percentage of flagged data per D3 profile



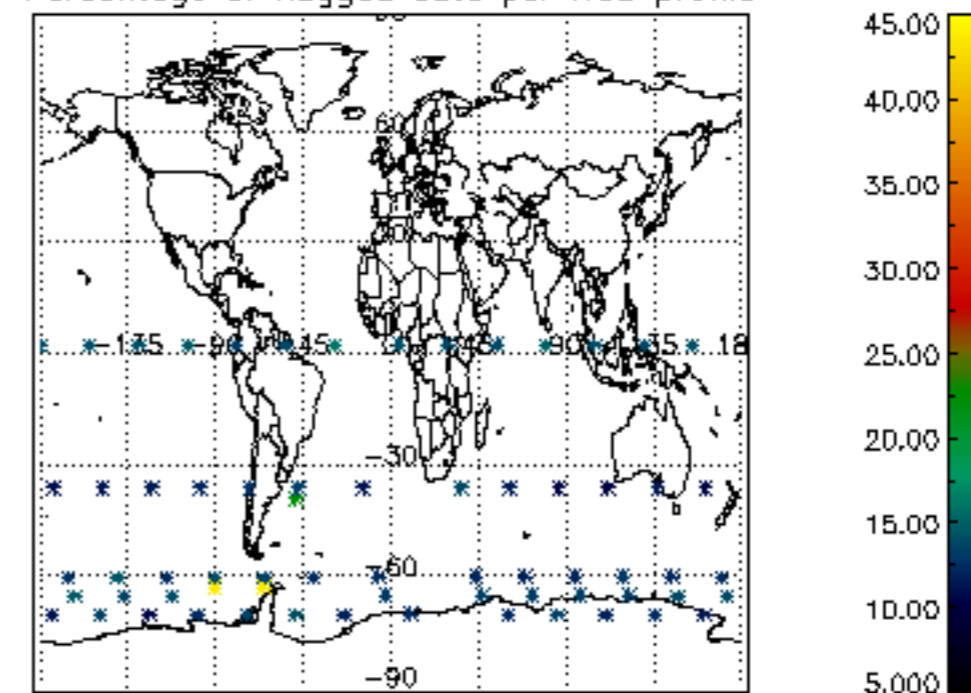
Percentage of flagged data per H2O profile

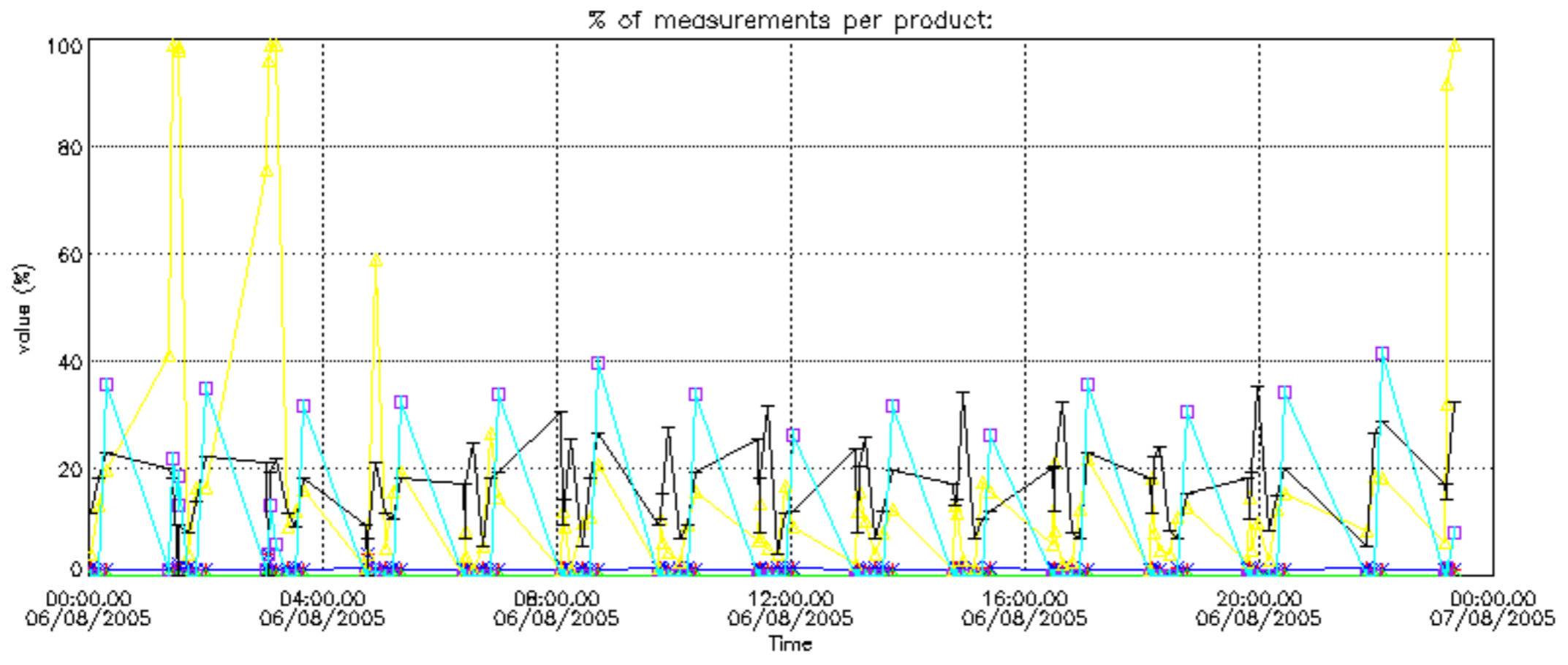


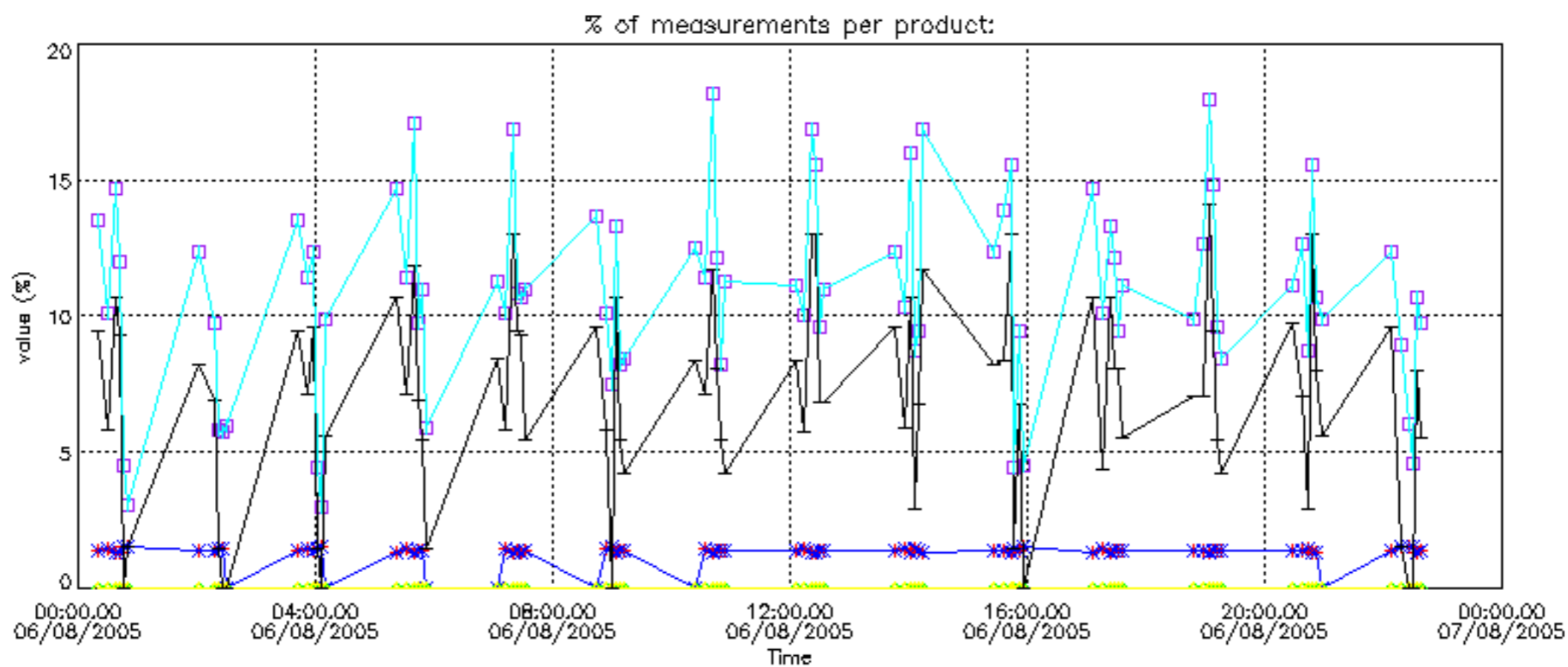
Percentage of flagged data per NO2 profile



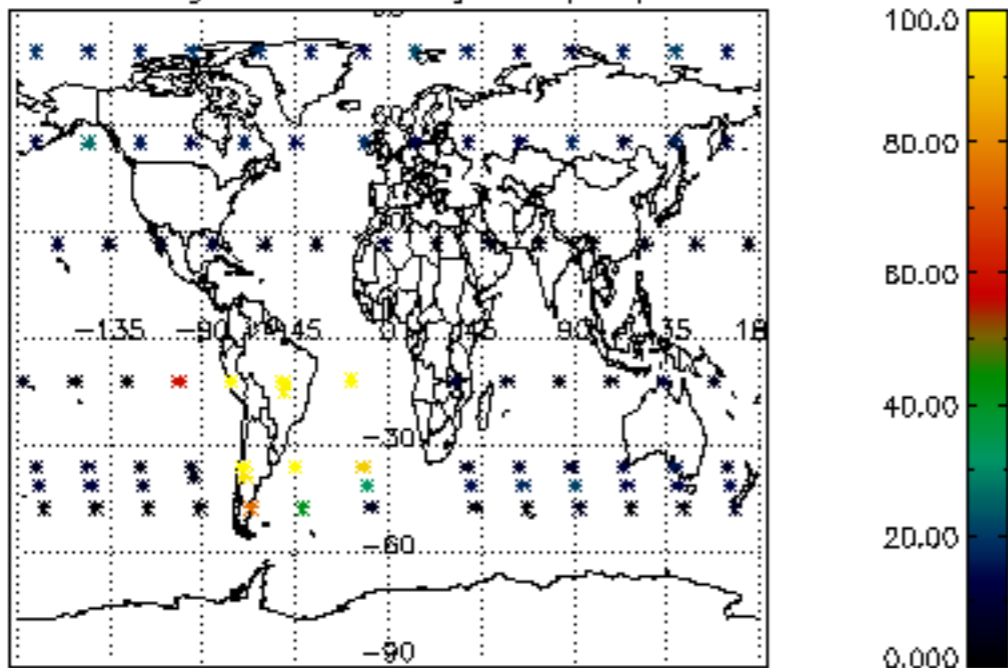
Percentage of flagged data per NO3 profile



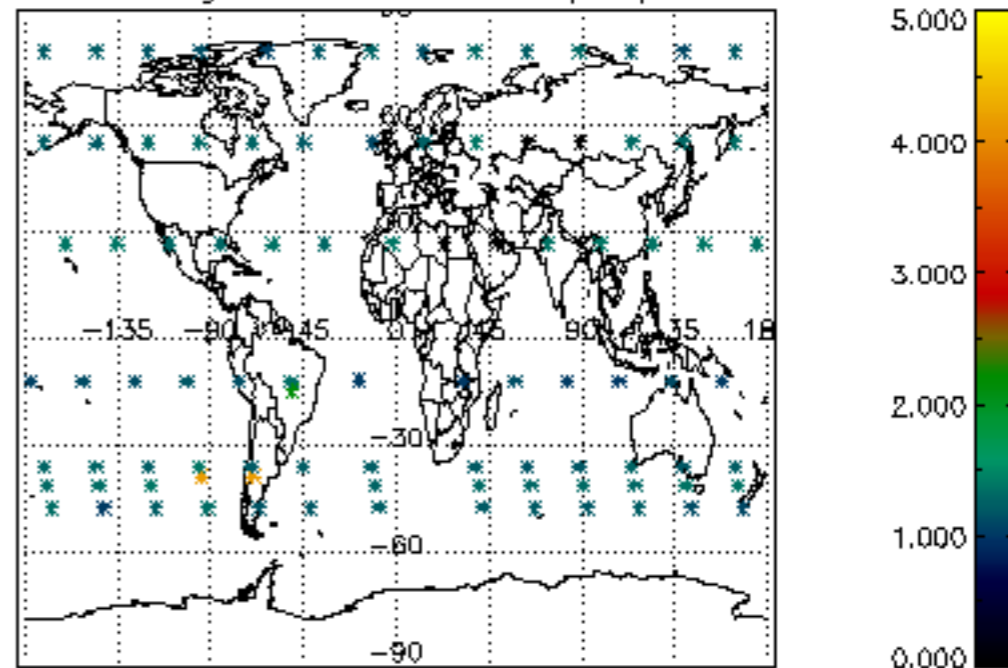




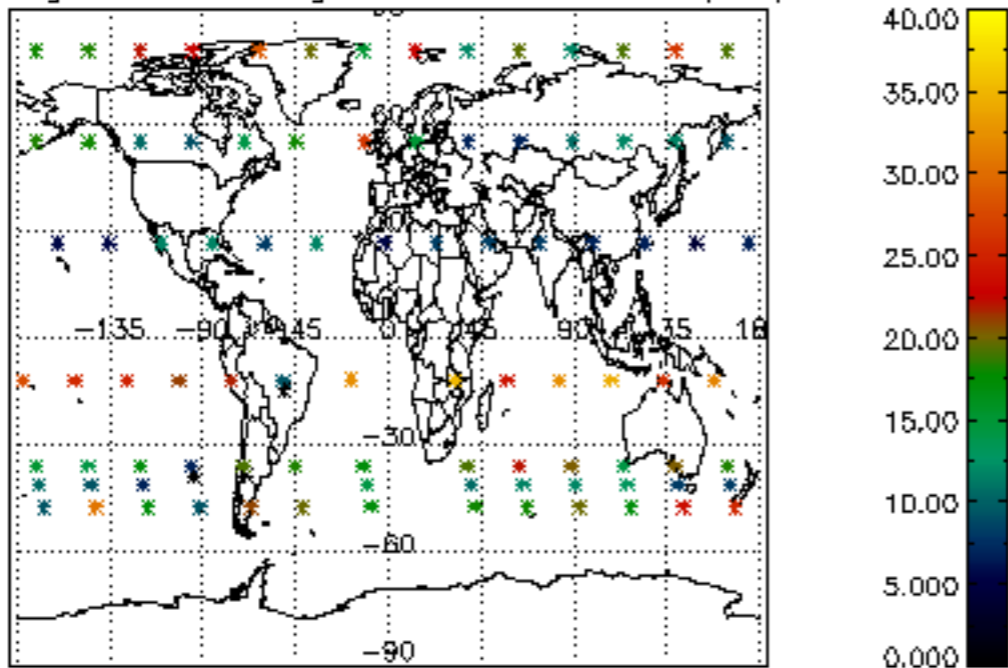
Percentage of cosmic ray hits per profile



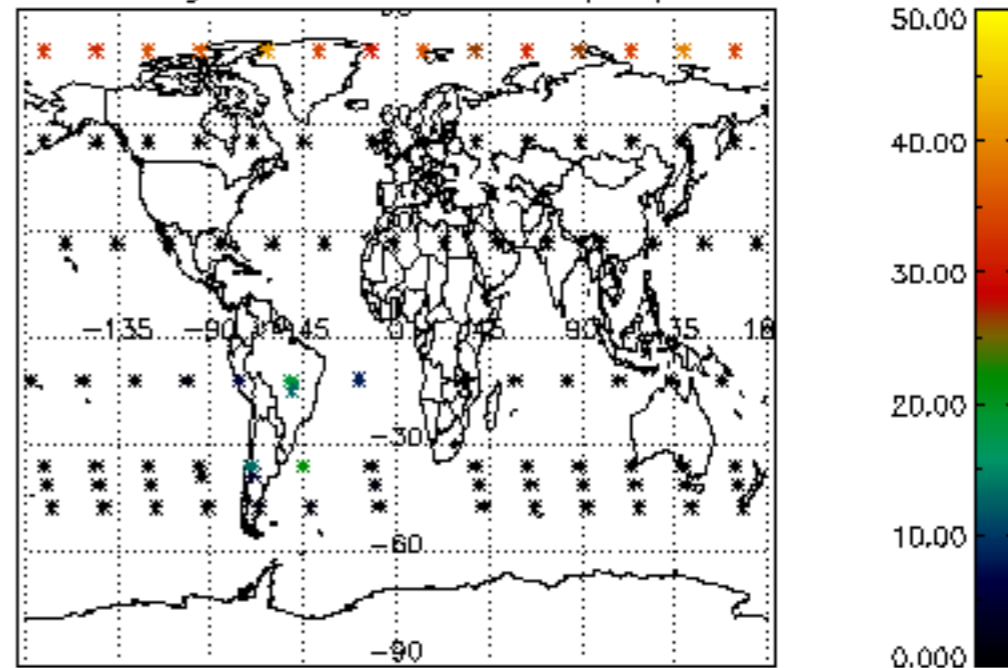
Percentage of datation errors per profile



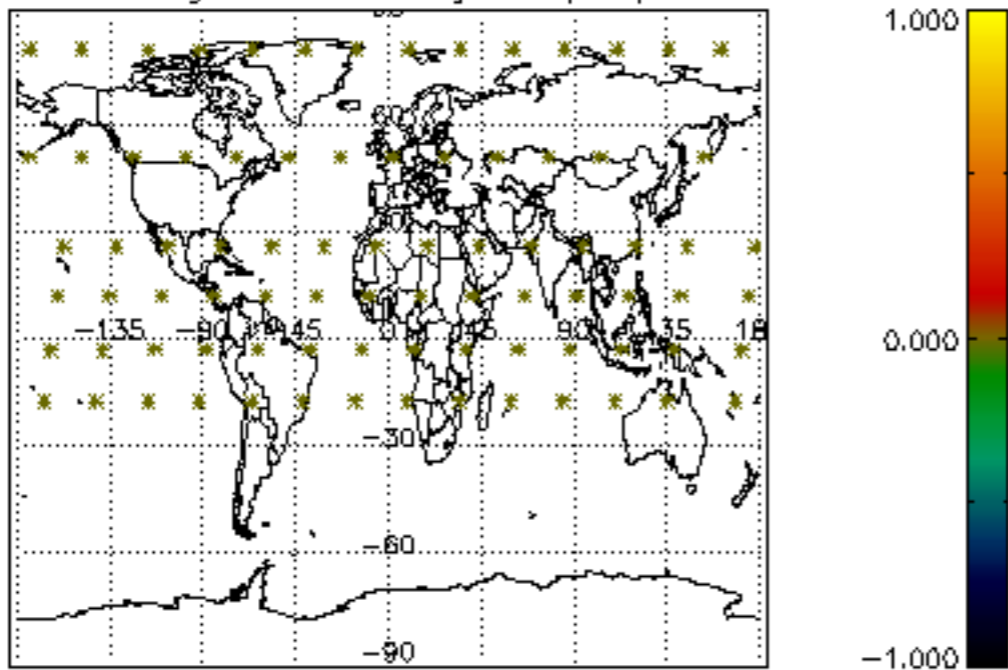
Percentage of star falling outside central band per profile



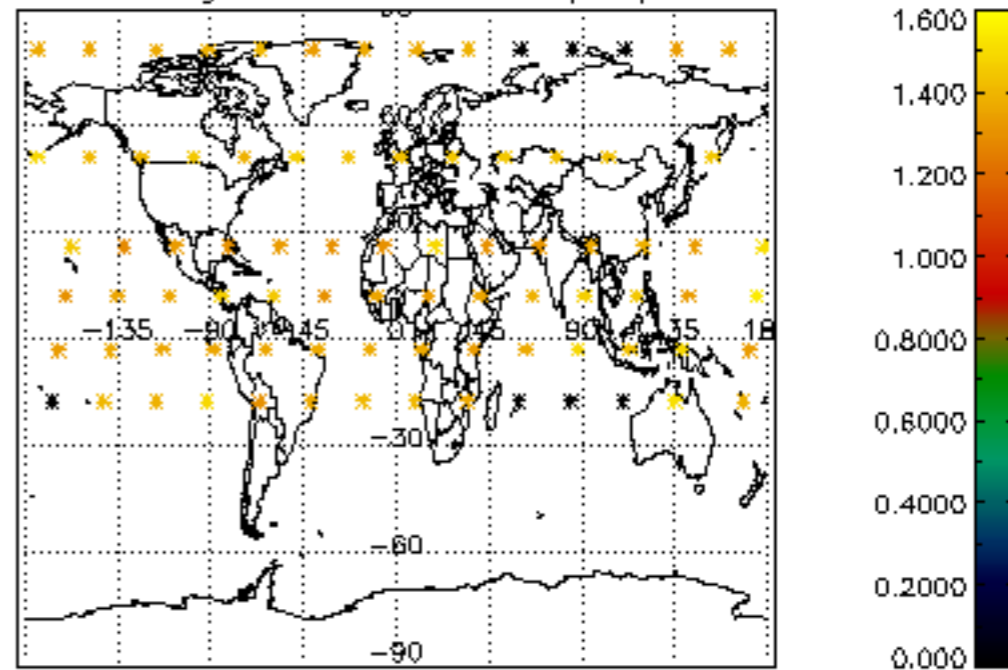
Percentage of saturation errors per profile



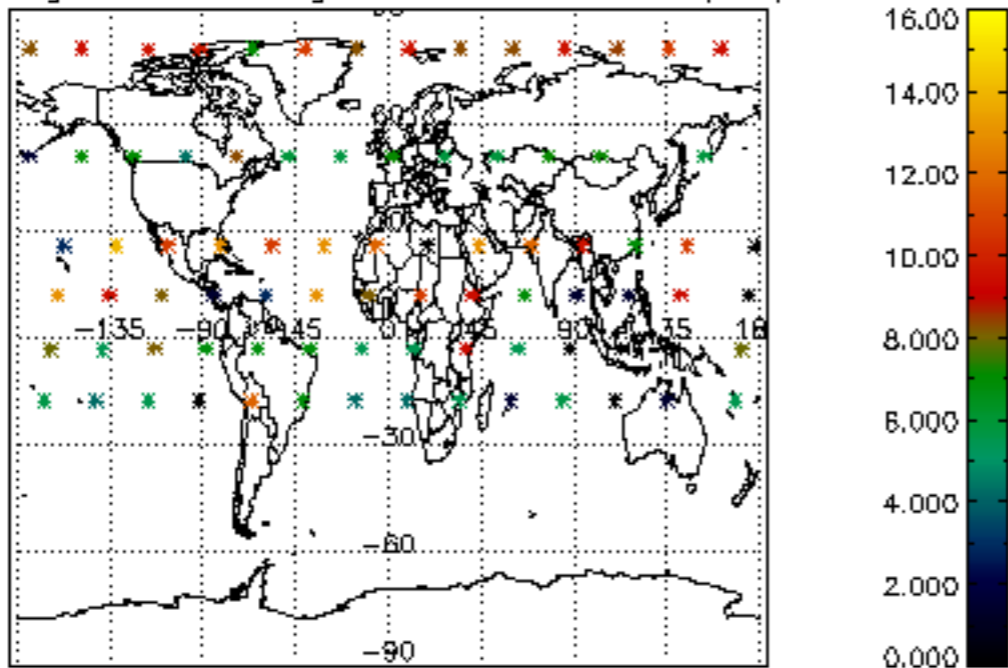
Percentage of cosmic ray hits per profile



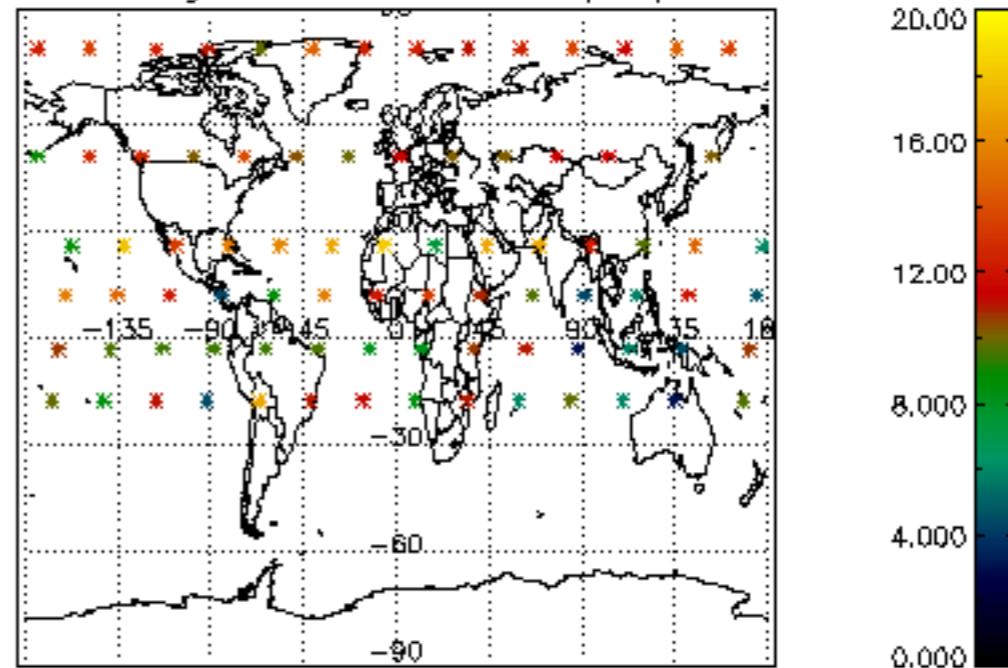
Percentage of datation errors per profile

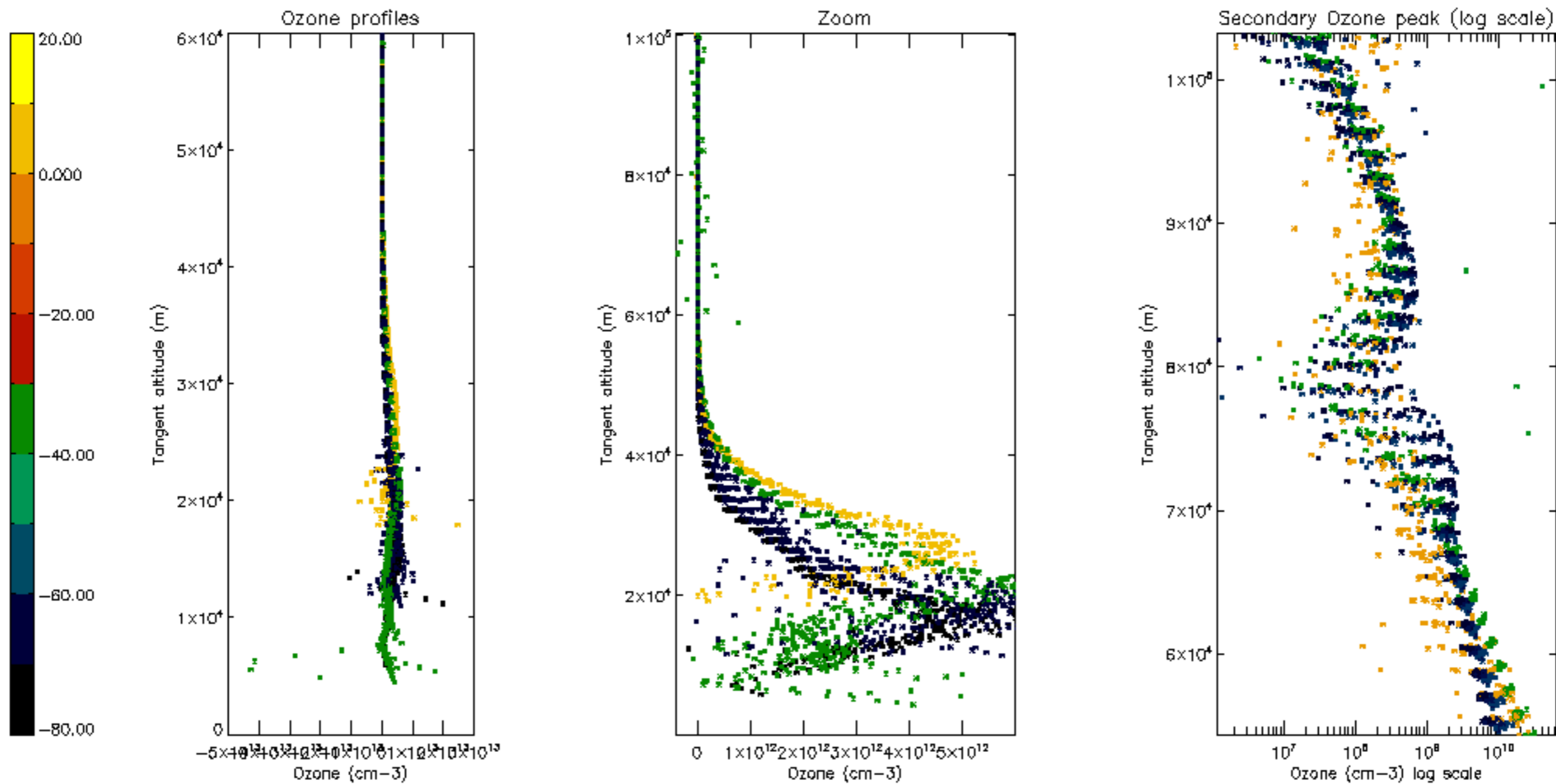


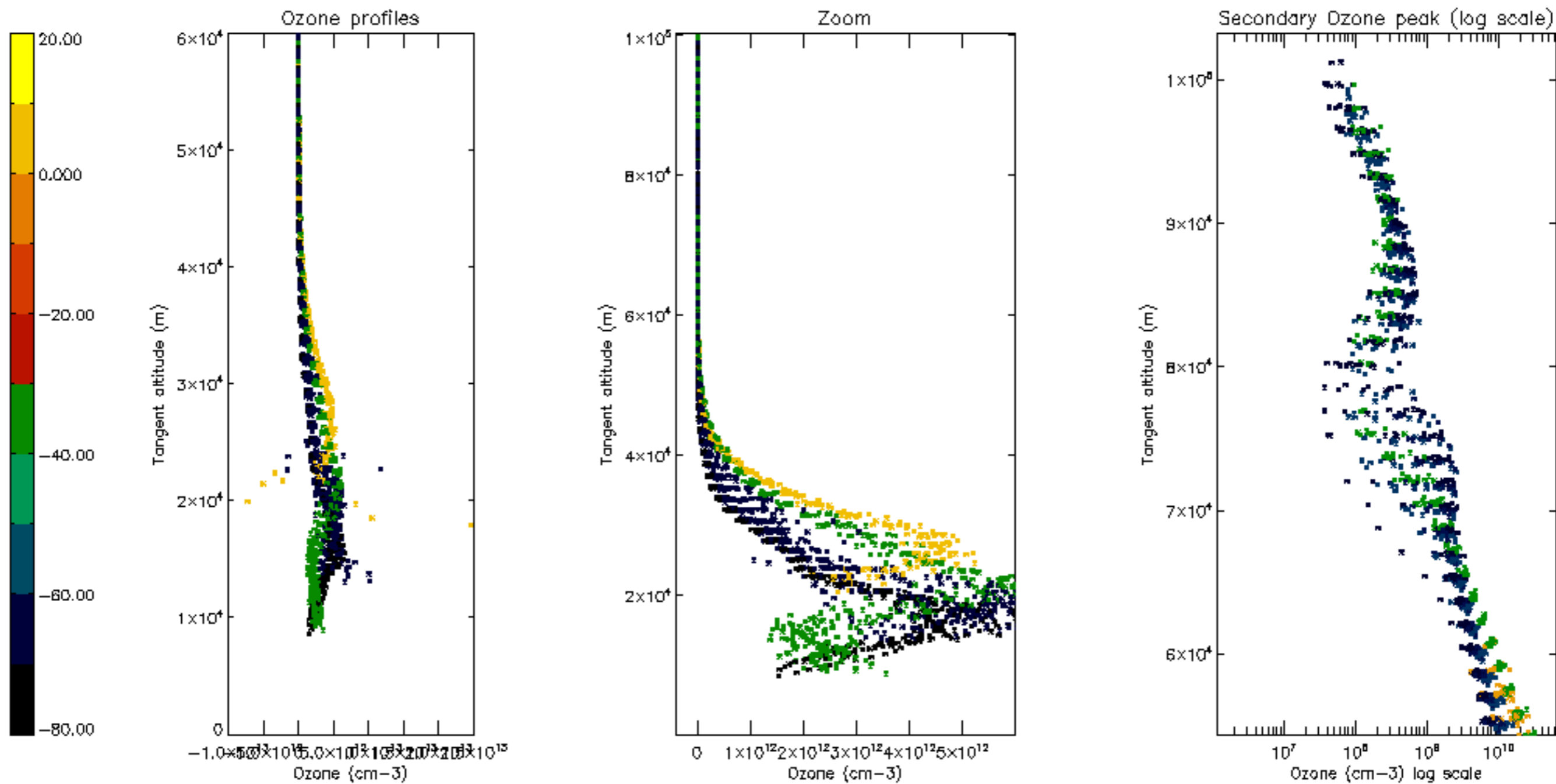
Percentage of star falling outside central band per profile

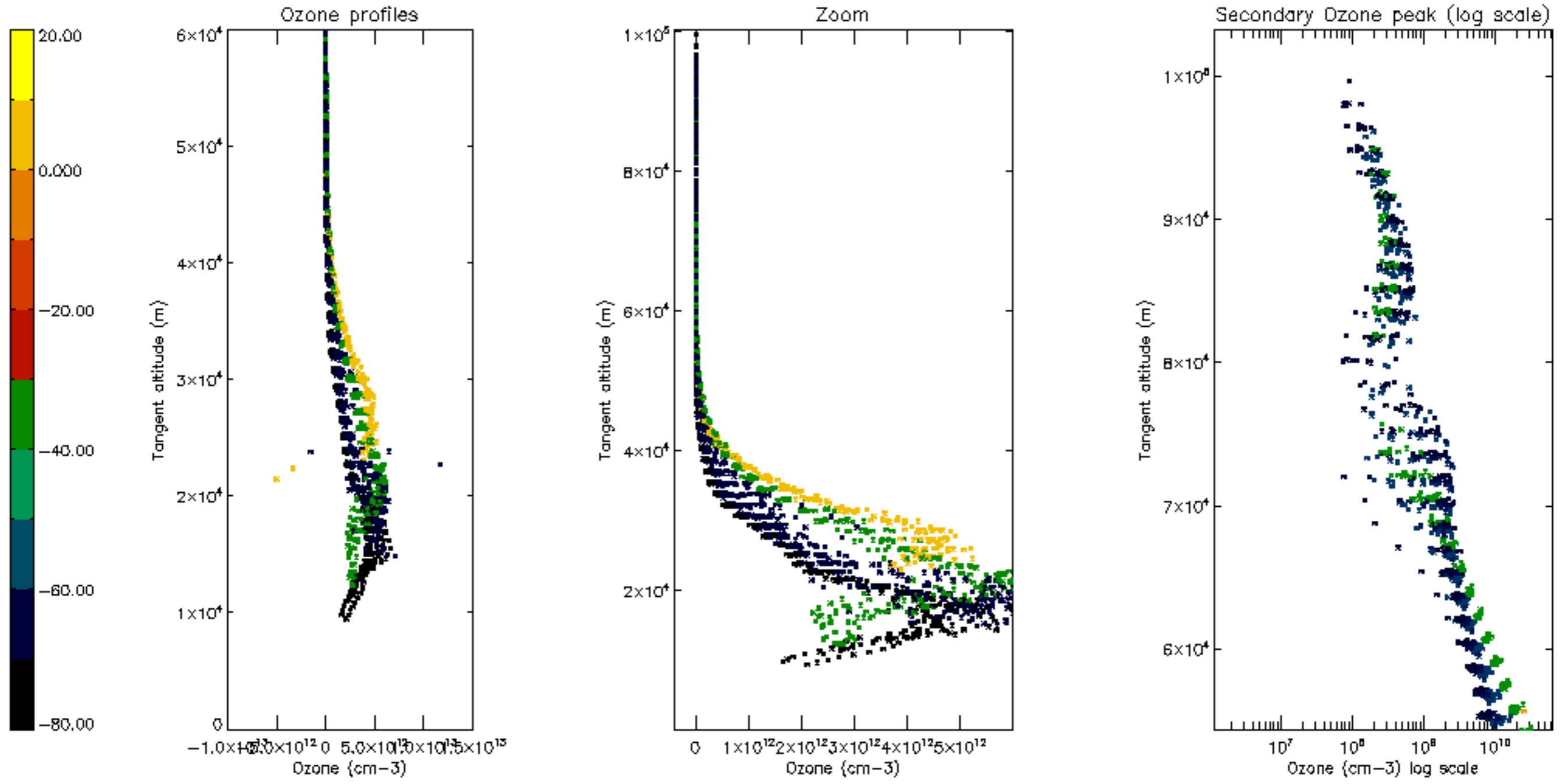


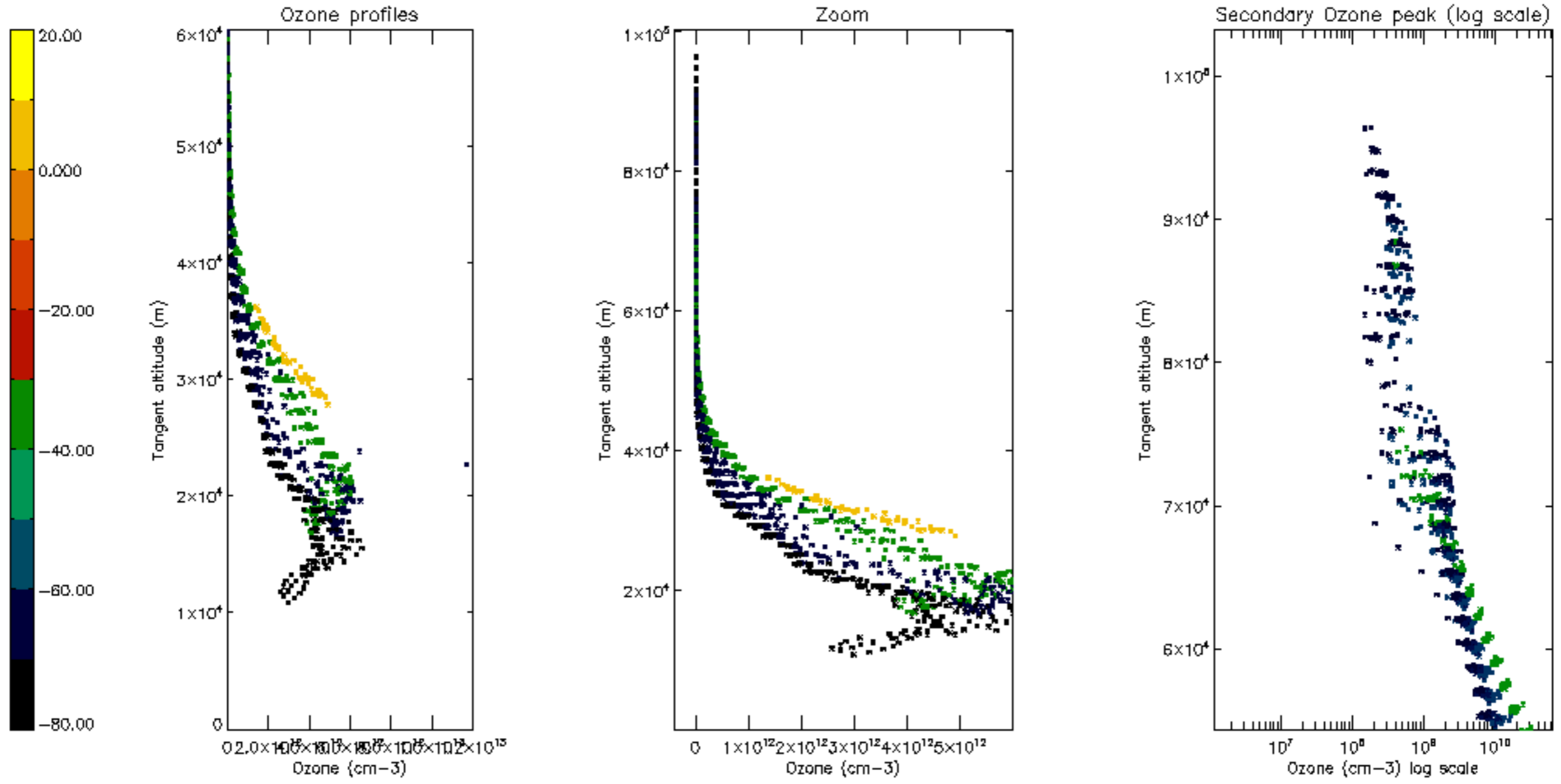
Percentage of saturation errors per profile

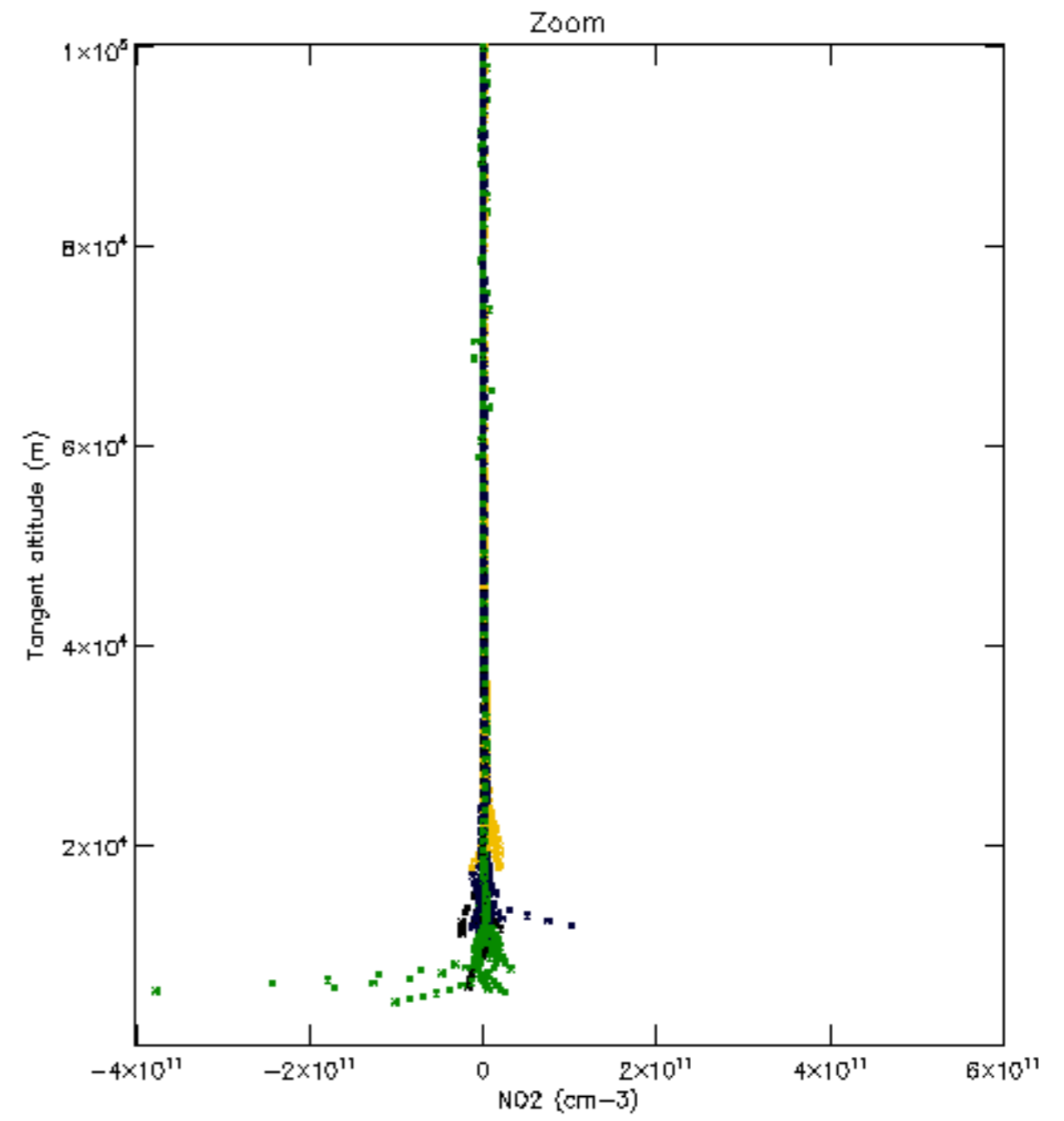
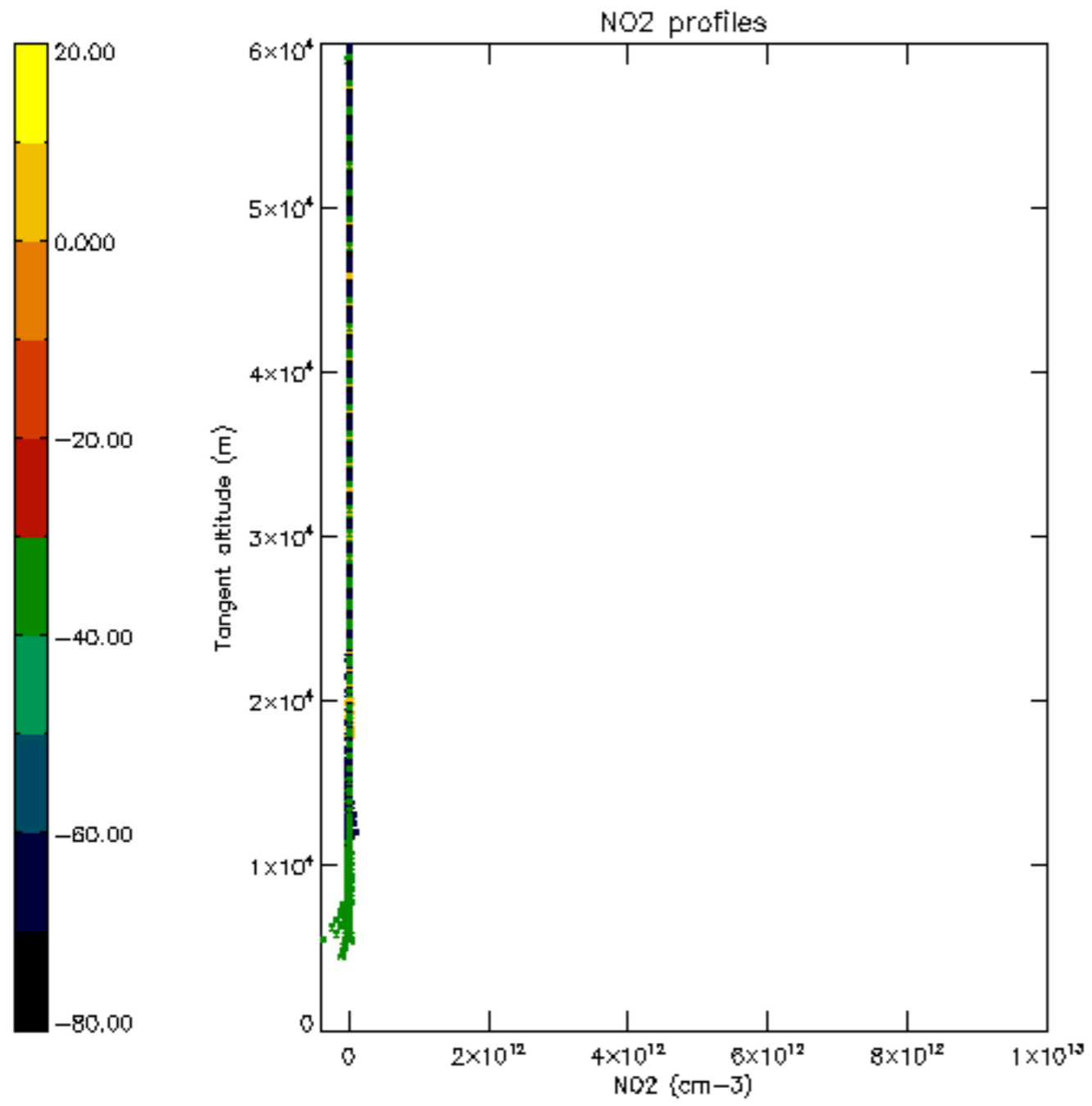


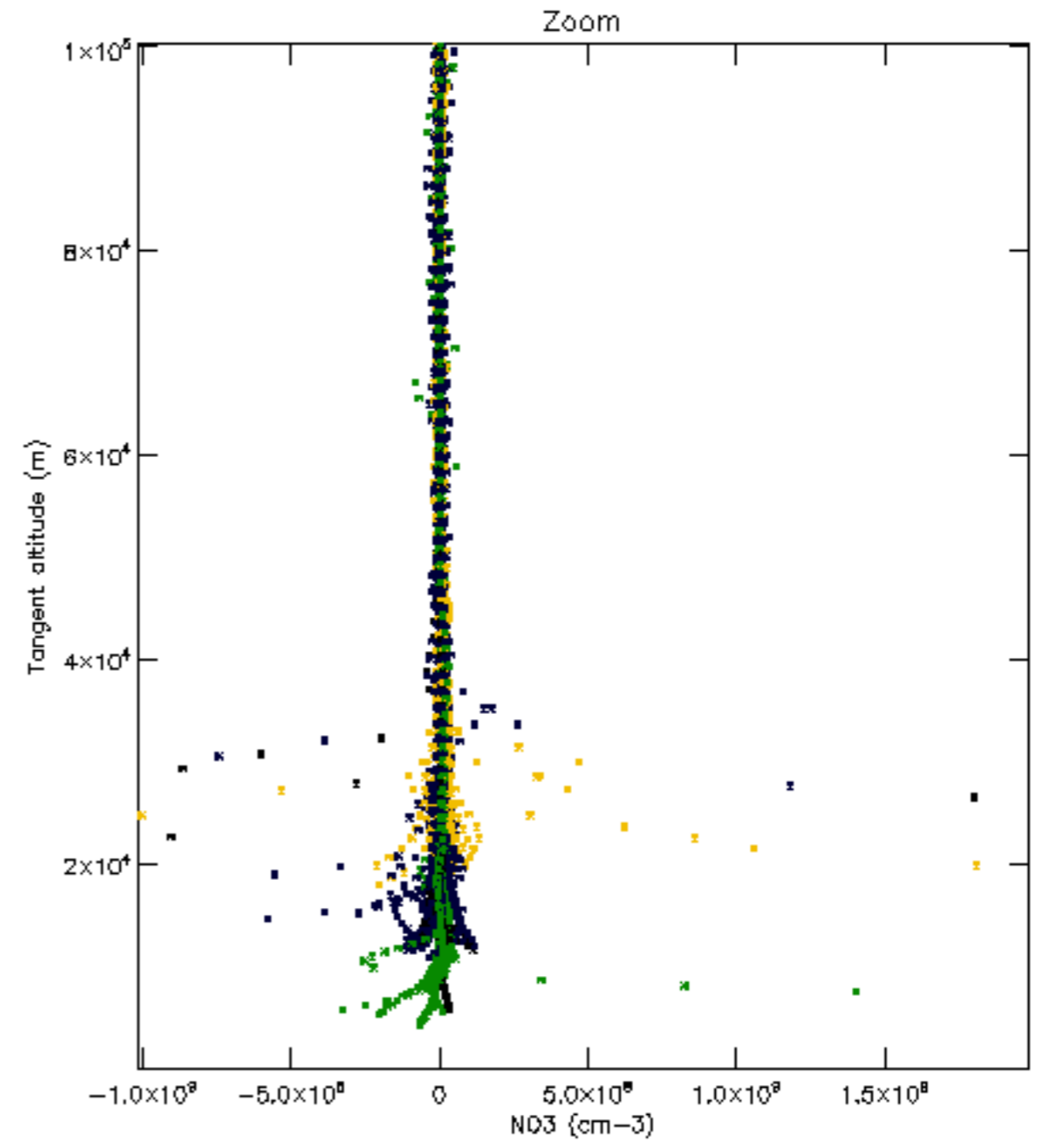
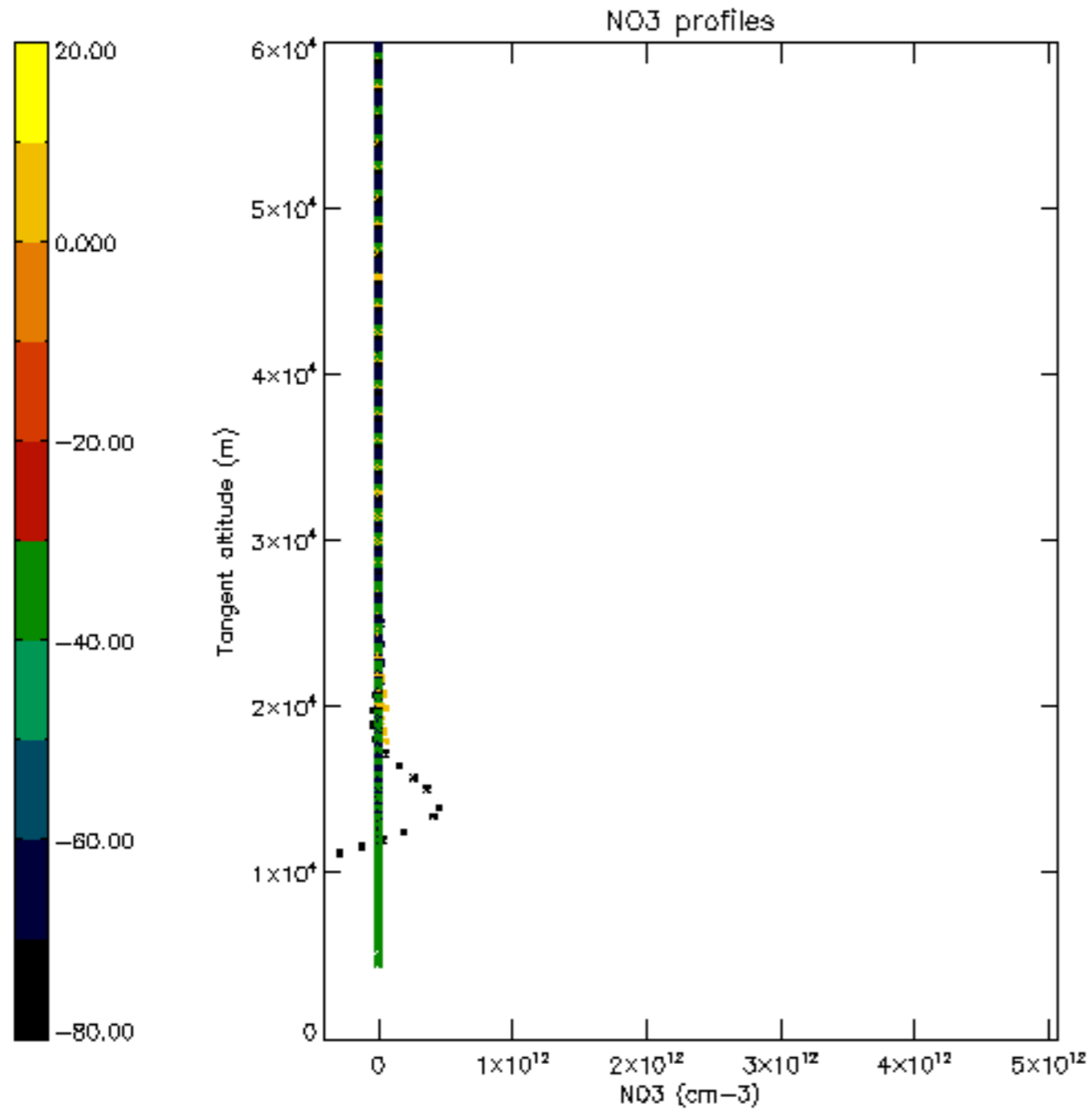


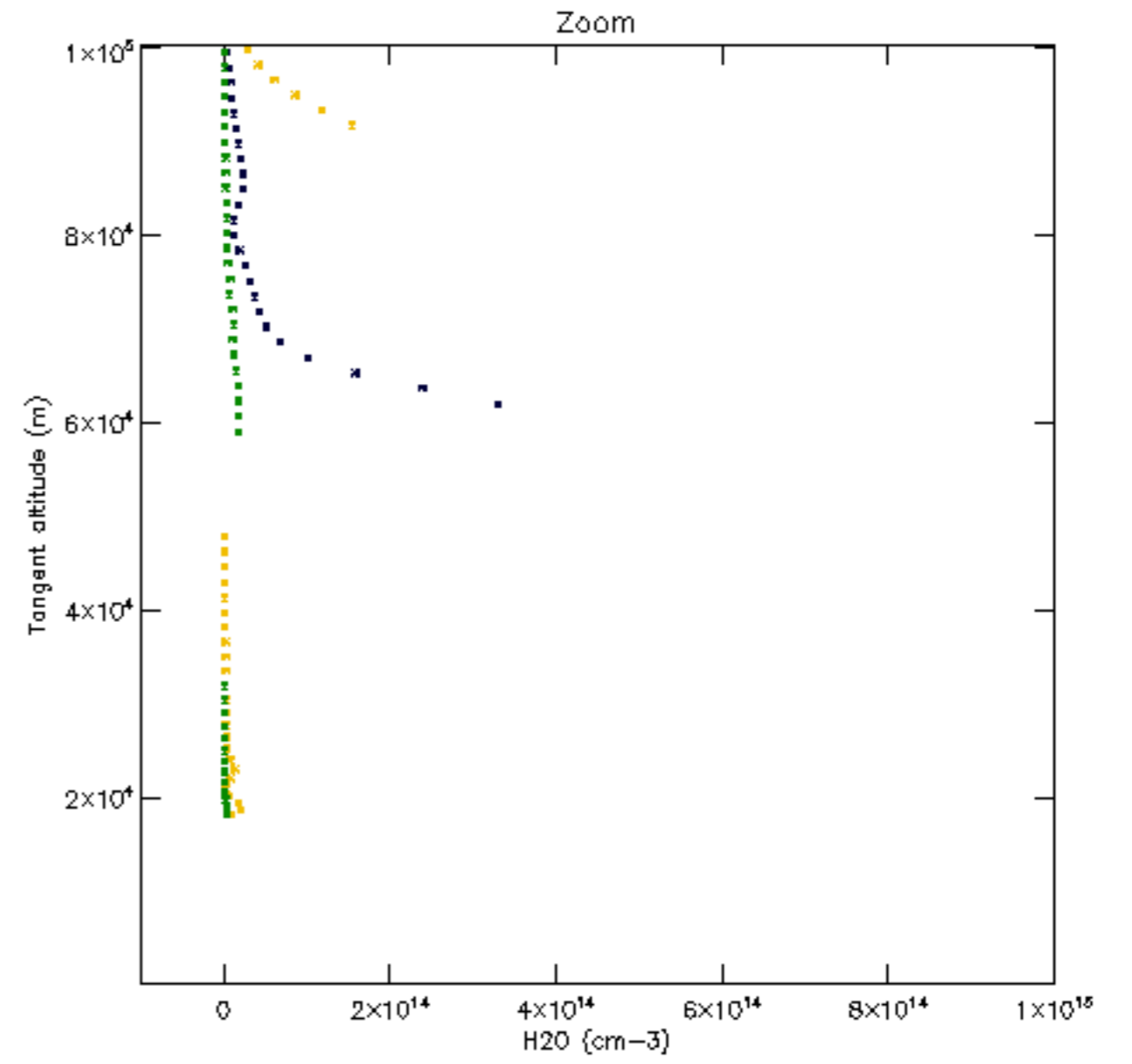
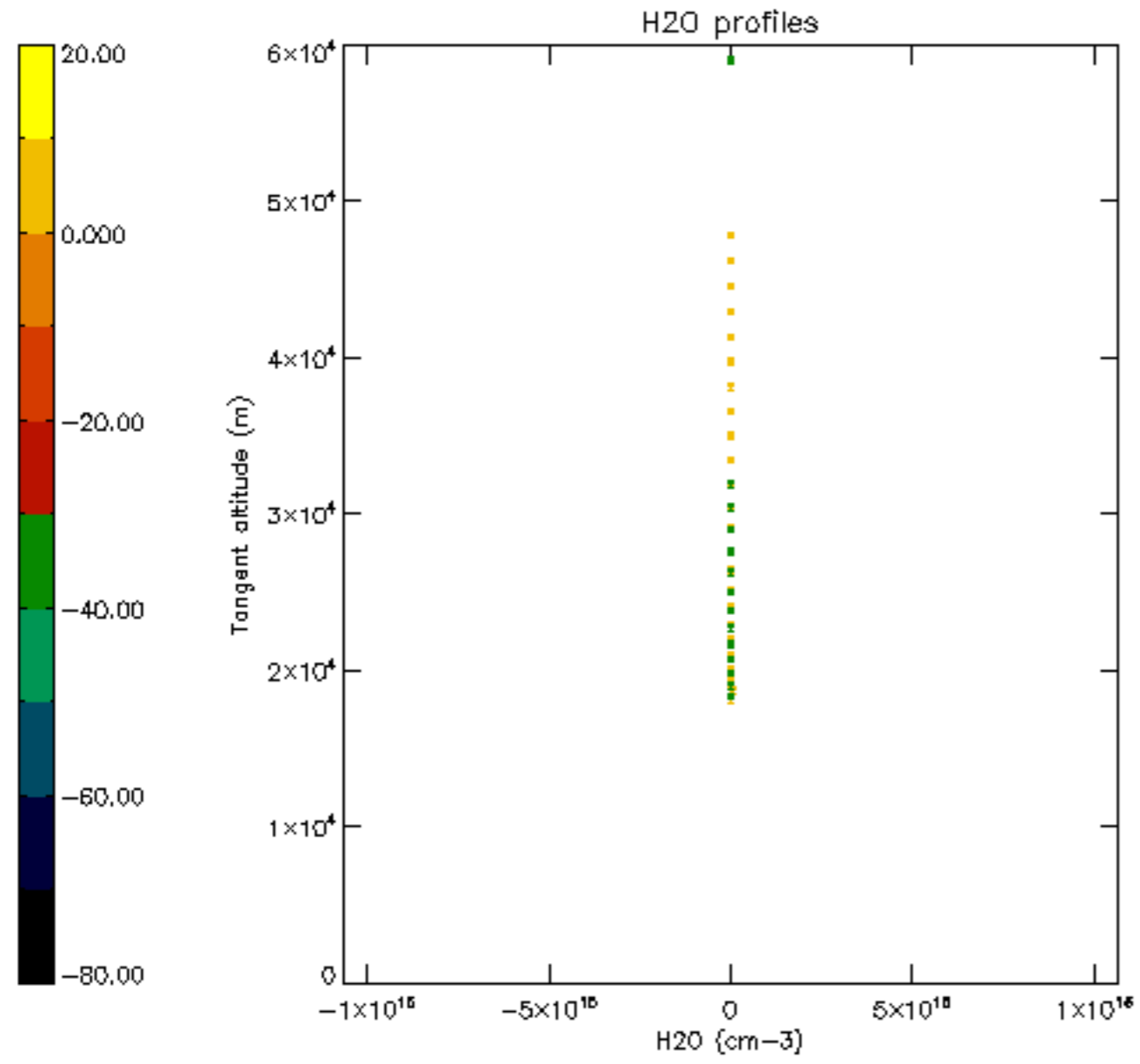


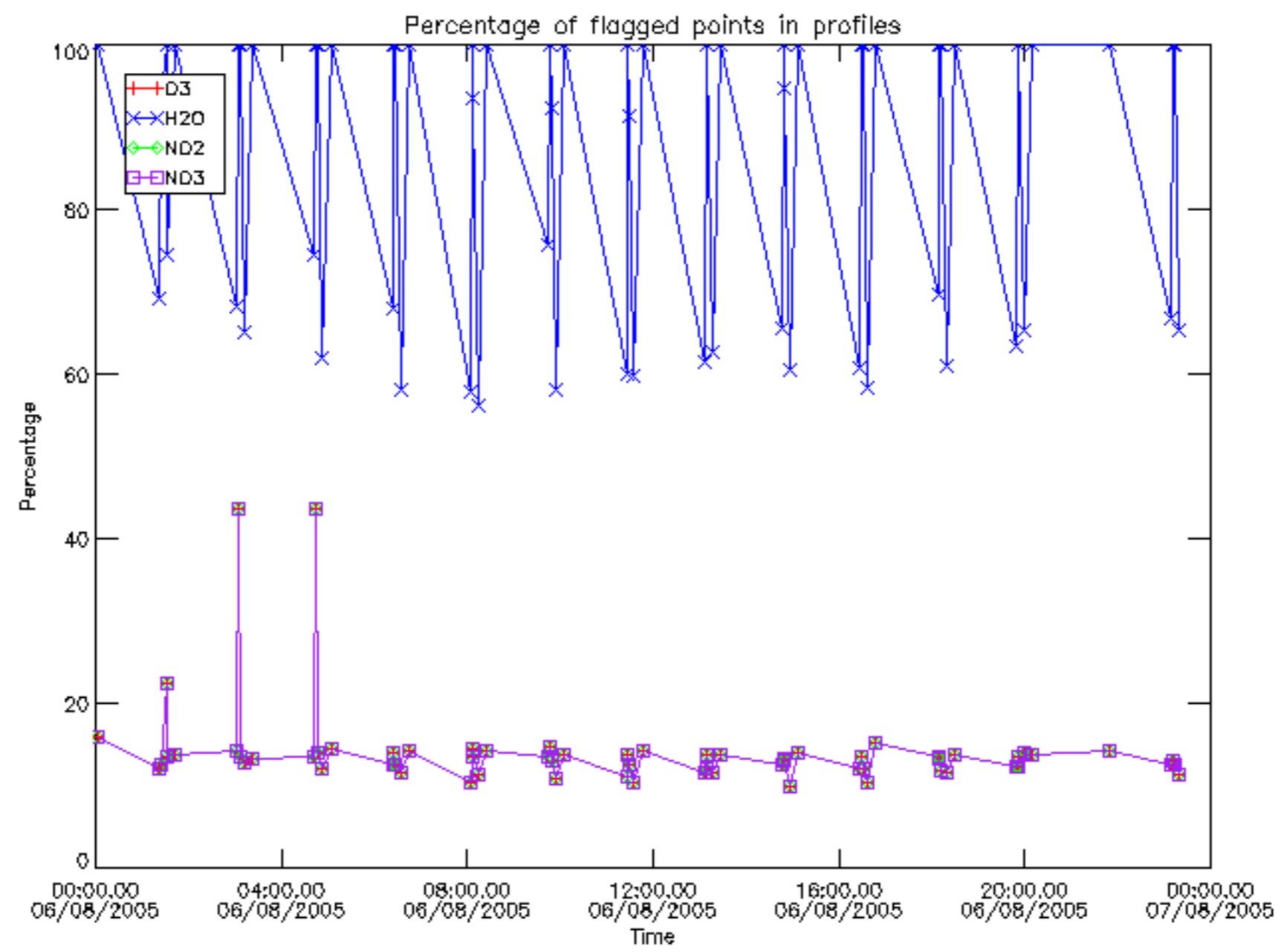




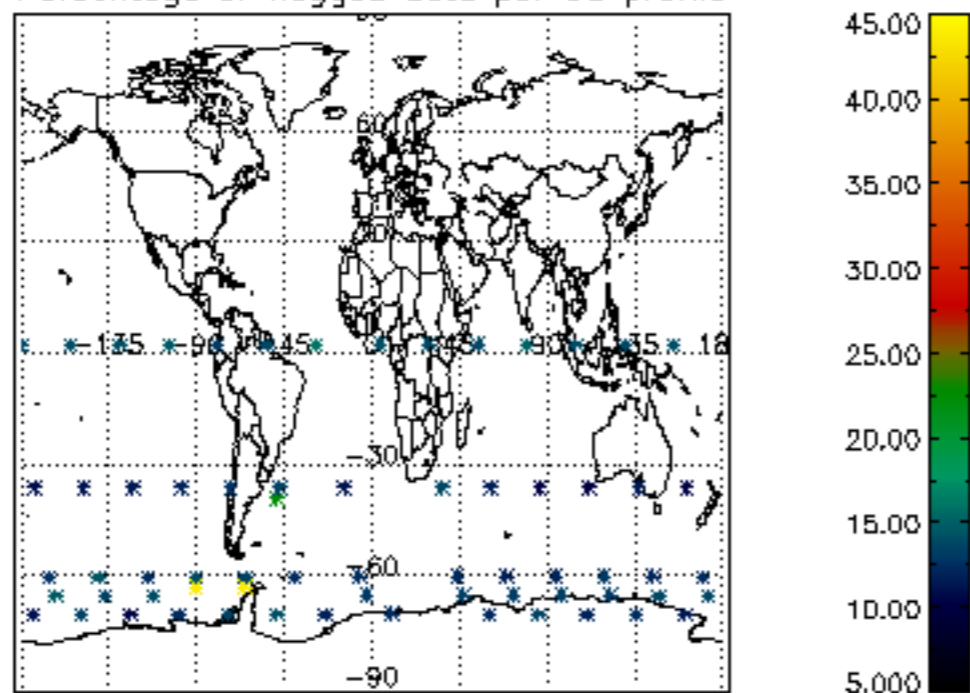




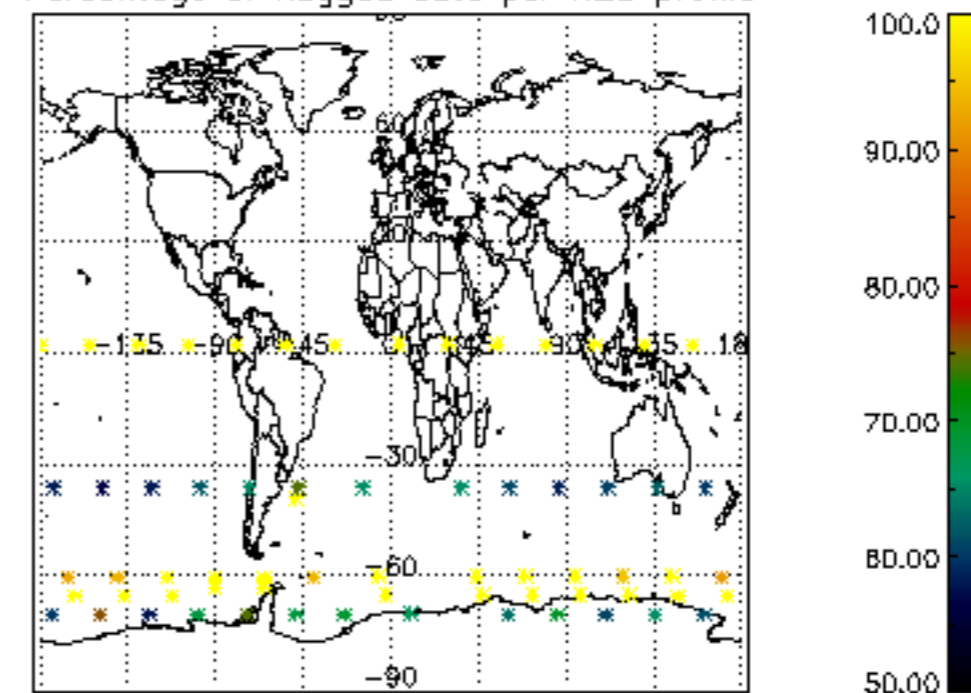




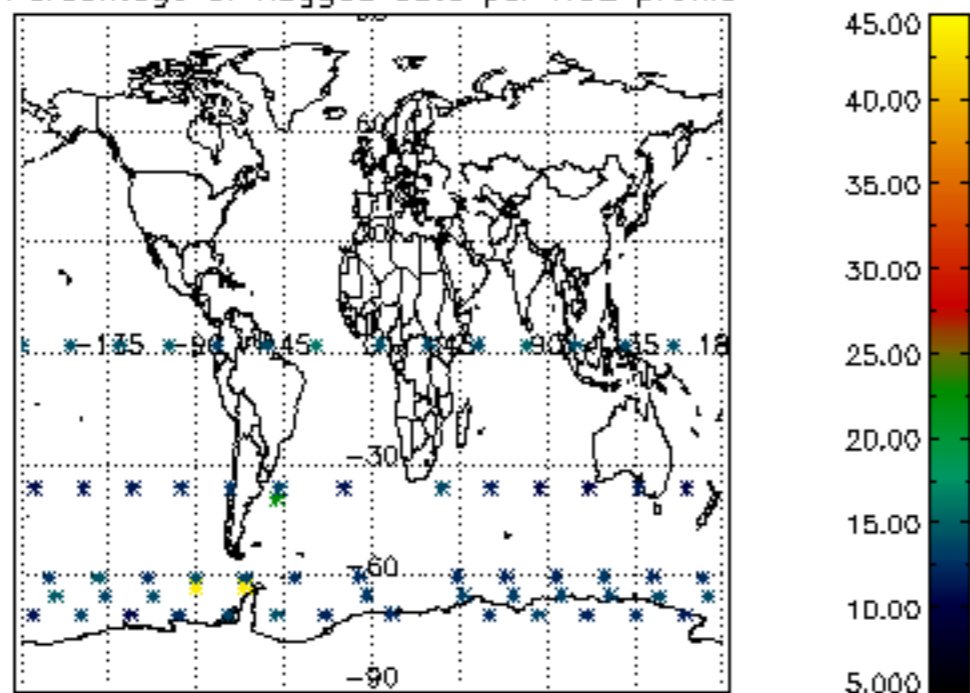
Percentage of flagged data per D3 profile



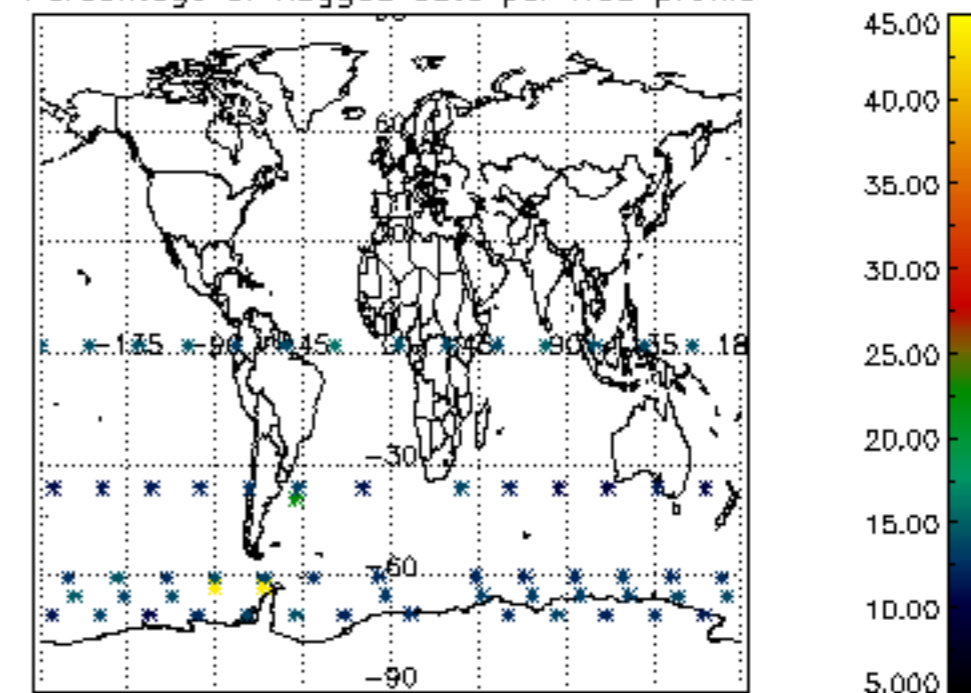
Percentage of flagged data per H2O profile

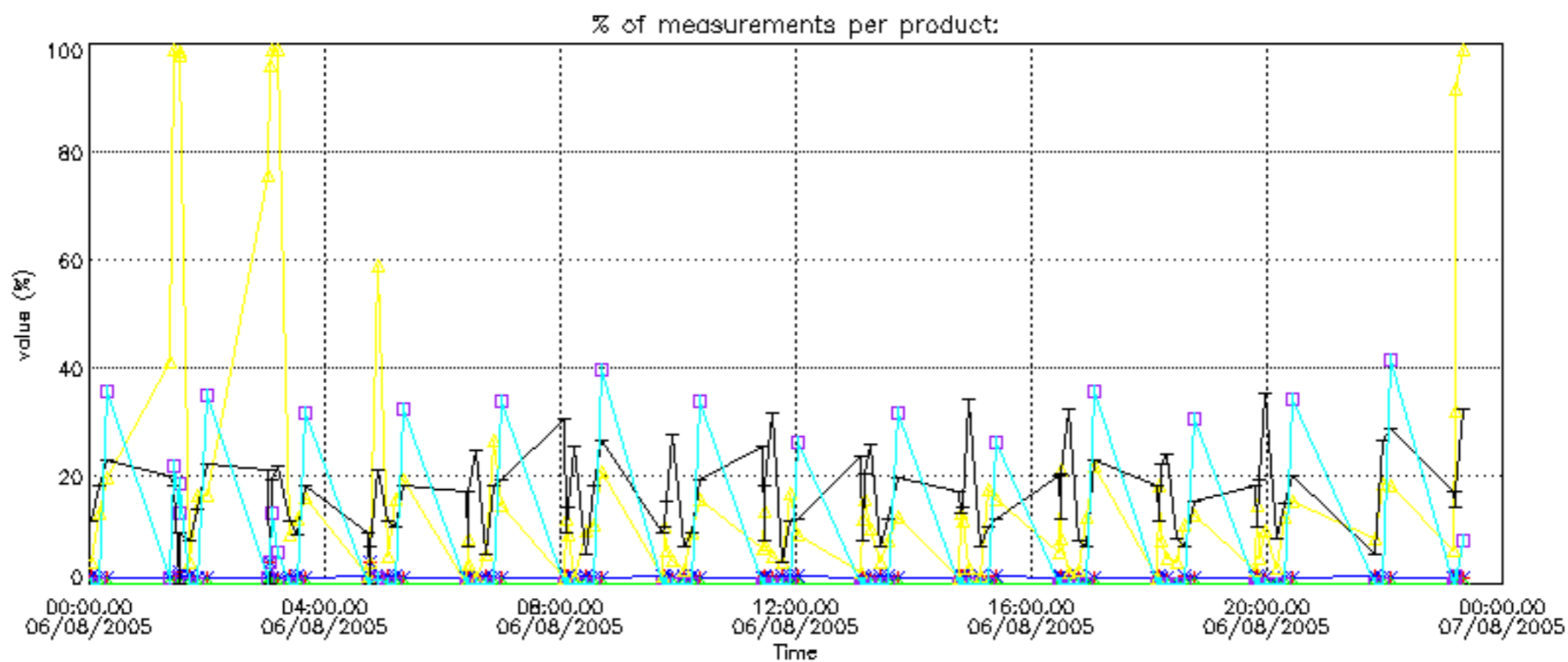


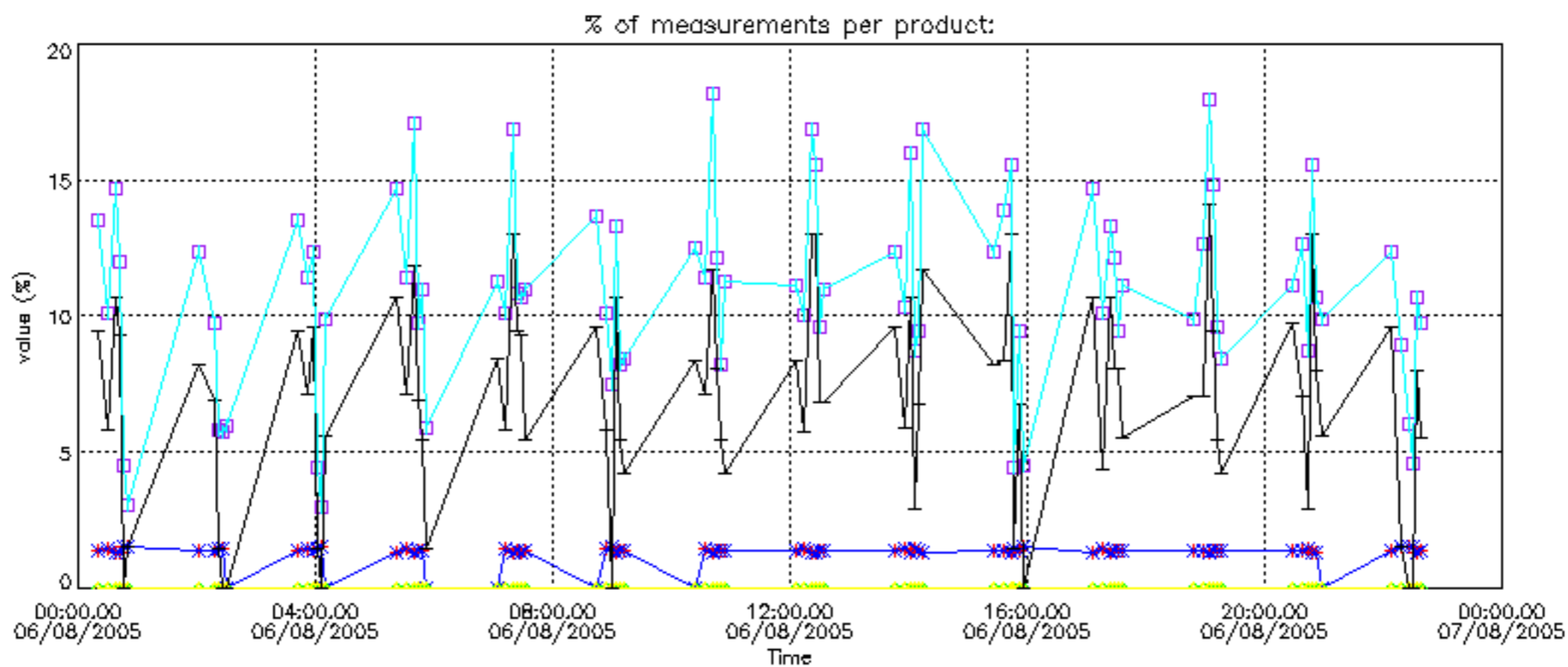
Percentage of flagged data per NO2 profile



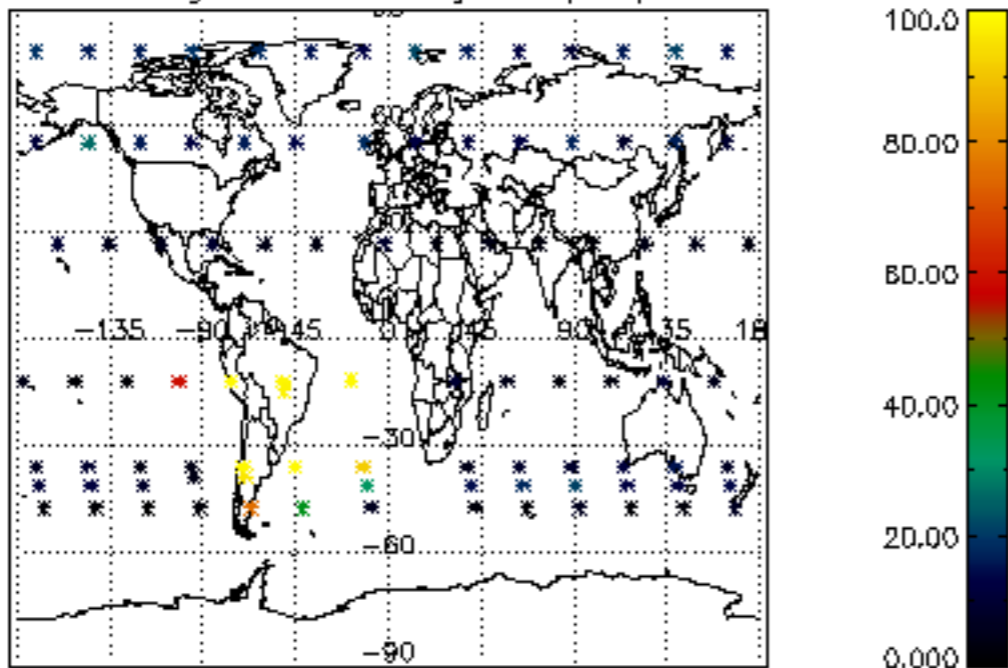
Percentage of flagged data per NO3 profile



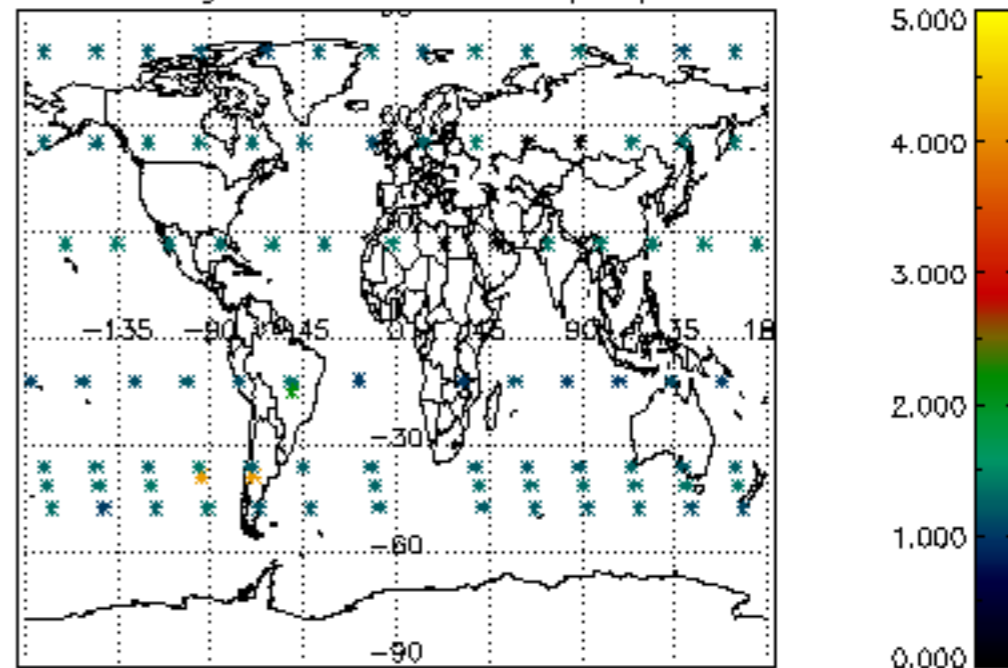




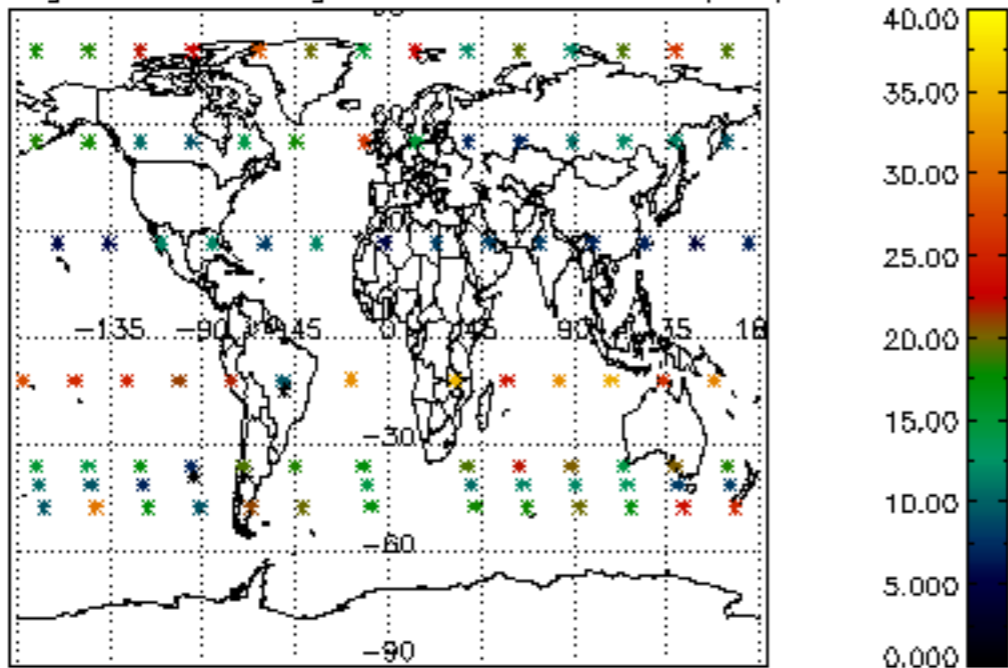
Percentage of cosmic ray hits per profile



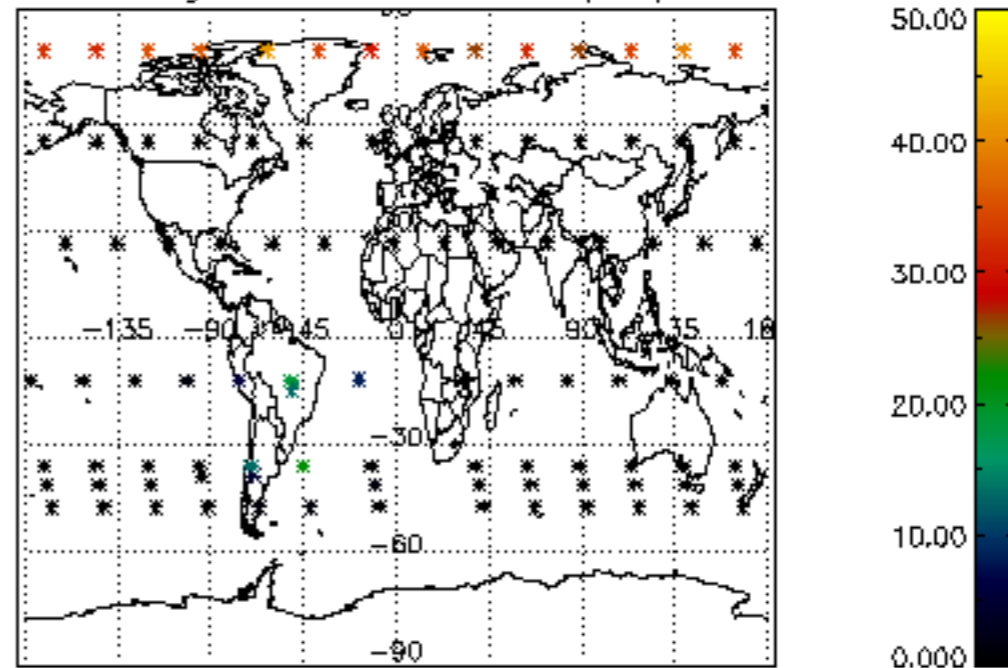
Percentage of datation errors per profile



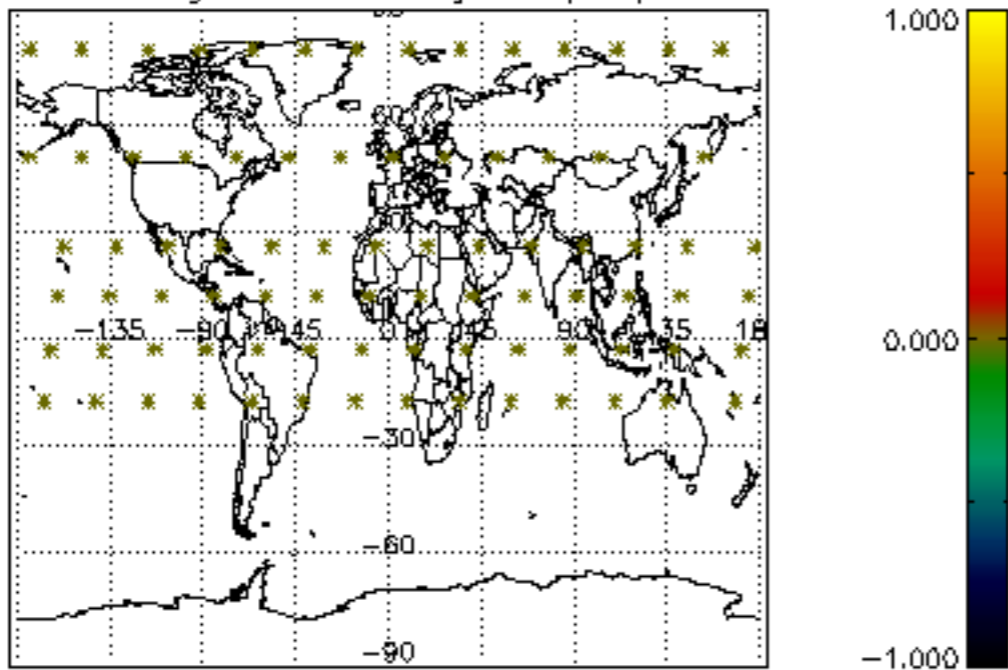
Percentage of star falling outside central band per profile



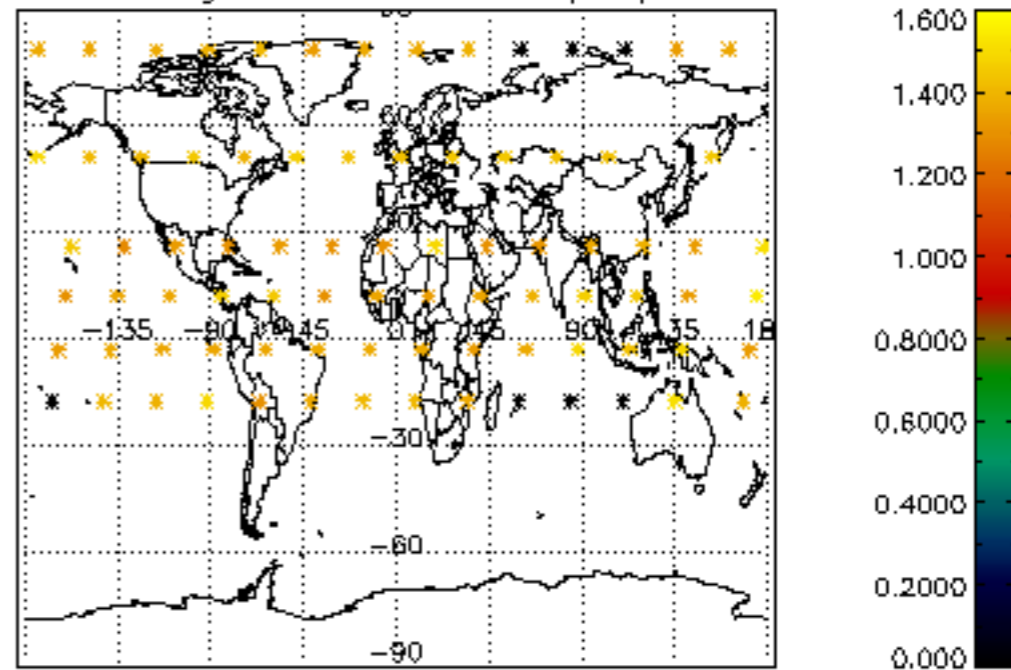
Percentage of saturation errors per profile



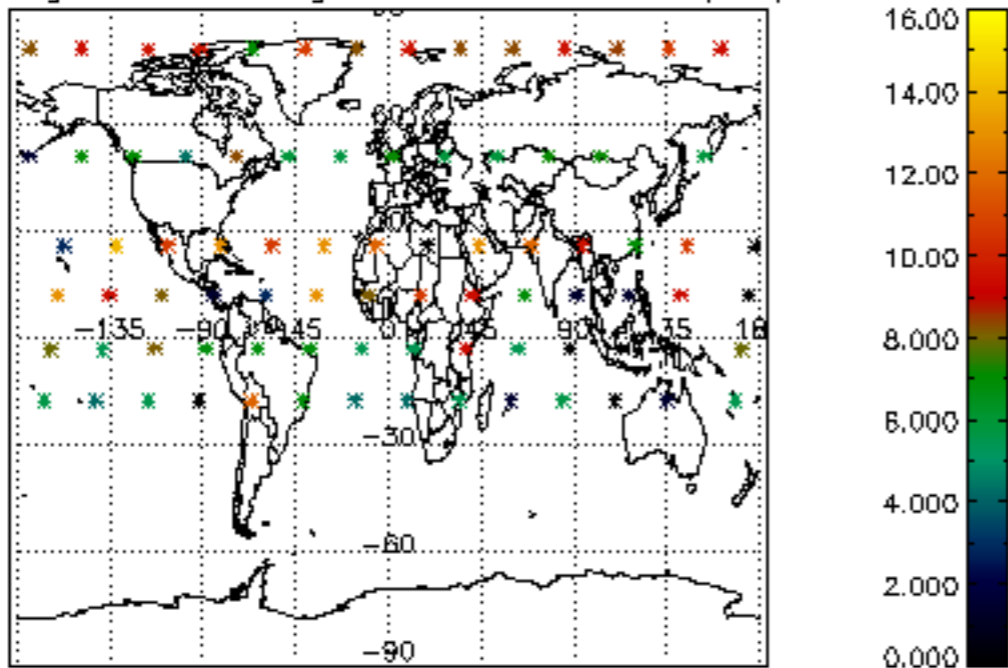
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

