

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 10:25:05
Data source version	GOMOS/6.01
Start time of products	10-08-2005 (10AUG2005 00:00:00)
Stop time of products	11-08-2005 (11AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	179
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__2PRFIN20050810_000305_000000362039_00417_18006_5990.N1	10-AUG-2005 00:03:05	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18006	No
2	GOM_NL__2PRFIN20050810_000446_000000352039_00417_18006_5991.N1	10-AUG-2005 00:04:46	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	18006	No
3	GOM_NL__2PRFIN20050810_001154_000000352039_00417_18006_5992.N1	10-AUG-2005 00:11:54	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	18006	No
4	GOM_NL__2PRFIN20050810_001324_000000352039_00417_18006_5993.N1	10-AUG-2005 00:13:24	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18006	No
5	GOM_NL__2PRFIN20050810_001552_000000372039_00417_18006_5994.N1	10-AUG-2005 00:15:52	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	18006	No
6	GOM_NL__2PRFIN20050810_002012_000000382039_00417_18006_5995.N1	10-AUG-2005 00:20:12	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	18006	No
7	GOM_NL__2PRFIN20050810_002410_000000332039_00417_18006_5996.N1	10-AUG-2005 00:24:10	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18006	No
8	GOM_NL__2PRFIN20050810_002606_000000342039_00417_18006_5997.N1	10-AUG-2005 00:26:06	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	18006	No
9	GOM_NL__2PRFIN20050810_004535_000000472039_00417_18006_5998.N1	10-AUG-2005 00:45:35	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	18006	No
10	GOM_NL__2PRFIN20050810_005612_000000412039_00417_18006_5999.N1	10-AUG-2005 00:56:12	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	18006	No
11	GOM_NL__2PRFIN20050810_005757_000000352039_00417_18006_6000.N1	10-AUG-2005 00:57:57	Dark	34.500	179	24Omi2CMa	3.0320	24000.	69	18006	No
12	GOM_NL__2PRFIN20050810_005924_000000412039_00417_18006_6001.N1	10-AUG-2005 00:59:24	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18006	No
13	GOM_NL__2PRFIN20050810_010212_000000412039_00417_18006_6002.N1	10-AUG-2005 01:02:12	Dark	41.000	108	Alp Col	2.6520	15200.	82	18006	No
14	GOM_NL__2PRFIN20050810_010612_000000442039_00417_18006_6003.N1	10-AUG-2005 01:06:12	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18006	No
15	GOM_NL__2PRFIN20050810_013317_000000402039_00418_18007_5989.N1	10-AUG-2005 01:33:17	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	18007	No
16	GOM_NL__2PRFIN20050810_013541_000000382039_00418_18007_5990.N1	10-AUG-2005 01:35:41	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	18007	No
17	GOM_NL__2PRFIN20050810_014341_000000362039_00418_18007_5991.N1	10-AUG-2005 01:43:41	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18007	No
18	GOM_NL__2PRFIN20050810_014522_000000362039_00418_18007_5992.N1	10-AUG-2005 01:45:22	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18007	No
19	GOM_NL__2PRFIN20050810_015230_000000402039_00418_18007_5993.N1	10-AUG-2005 01:52:30	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	18007	No
20	GOM_NL__2PRFIN20050810_015400_000000342039_00418_18007_5994.N1	10-AUG-2005 01:54:00	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18007	No
21	GOM_NL__2PRFIN20050810_015629_000000342039_00418_18007_5995.N1	10-AUG-2005 01:56:29	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	18007	No
22	GOM_NL__2PRFIN20050810_020048_000000332039_00418_18007_5996.N1	10-AUG-2005 02:00:48	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	18007	No
23	GOM_NL__2PRFIN20050810_020446_000000362039_00418_18007_5997.N1	10-AUG-2005 02:04:46	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18007	No
24	GOM_NL__2PRFIN20050810_020642_000000332039_00418_18007_5998.N1	10-AUG-2005 02:06:42	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	18007	No
25	GOM_NL__2PRFIN20050810_022611_000000452039_00418_18007_5999.N1	10-AUG-2005 02:26:11	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	18007	No
26	GOM_NL__2PRFIN20050810_023648_000000352039_00418_18007_6000.N1	10-AUG-2005 02:36:48	Dark	35.000	1	9Alp CMa	-1.4400	11000.	70	18007	No
27	GOM_NL__2PRFIN20050810_023832_000000352039_00418_18007_6001.N1	10-AUG-2005 02:38:32	Dark	34.500	179	24Omi2CMa	3.0320	24000.	69	18007	No
28	GOM_NL__2PRFIN20050810_024000_000000432039_00418_18007_6002.N1	10-AUG-2005 02:40:00	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18007	No
29	GOM_NL__2PRFIN20050810_024248_000000392039_00418_18007_6003.N1	10-AUG-2005 02:42:48	Dark	38.500	108	Alp Col	2.6520	15200.	77	18007	No
30	GOM_NL__2PRFIN20050810_024648_000000432039_00418_18007_6004.N1	10-AUG-2005 02:46:48	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	18007	No
31	GOM_NL__2PRFIN20050810_031617_000000372039_00419_18008_5990.N1	10-AUG-2005 03:16:17	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	18008	No
32	GOM_NL__2PRFIN20050810_032417_000000362039_00419_18008_5991.N1	10-AUG-2005 03:24:17	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18008	No
33	GOM_NL__2PRFIN20050810_032558_000000352039_00419_18008_5992.N1	10-AUG-2005 03:25:58	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18008	No
34	GOM_NL__2PRFIN20050810_033307_000000342039_00419_18008_5993.N1	10-AUG-2005 03:33:07	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	18008	No
35	GOM_NL__2PRFIN20050810_033436_000000352039_00419_18008_5994.N1	10-AUG-2005 03:34:36	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18008	No
36	GOM_NL__2PRFIN20050810_033705_000000362039_00419_18008_5995.N1	10-AUG-2005 03:37:05	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	18008	No
37	GOM_NL__2PRFIN20050810_034125_000000342039_00419_18008_5996.N1	10-AUG-2005 03:41:25	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	18008	No
38	GOM_NL__2PRFIN20050810_034522_000000362039_00419_18008_5997.N1	10-AUG-2005 03:45:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18008	No
39	GOM_NL__2PRFIN20050810_034718_000000352039_00419_18008_5998.N1	10-AUG-2005 03:47:18	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18008	No
40	GOM_NL__2PRFIN20050810_040647_000000542039_00419_18008_5999.N1	10-AUG-2005 04:06:47	Bright	54.000	151	13Mu Gem	2.8900	3000.0	108	18008	No
41	GOM_NL__2PRFIN20050810_041724_000000332039_00419_18008_6000.N1	10-AUG-2005 04:17:24	Dark	33.000	1	9Alp CMa	-1.4400	11000.	66	18008	No
42	GOM_NL__2PRFIN20050810_041909_000000382039_00419_18008_6001.N1	10-AUG-2005 04:19:09	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	18008	No

43	GOM_NL__2PRFIN20050810_042036_000000422039_00419_18008_6002.N1	10-AUG-2005 04:20:36	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18008	No
44	GOM_NL__2PRFIN20050810_042243_000000062039_00419_18008_6003.N1	10-AUG-2005 04:22:43	Dark	6.0000	117	Pi Pup	2.7060	3800.0	12	18008	No
45	GOM_NL__2PRFIN20050810_042325_000000412039_00419_18008_6004.N1	10-AUG-2005 04:23:25	Dark	41.000	108	Alp Col	2.6520	15200.	82	18008	No
46	GOM_NL__2PRFIN20050810_042724_000000462039_00419_18008_6005.N1	10-AUG-2005 04:27:24	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	18008	No
47	GOM_NL__2PRFIN20050810_044326_000000482039_00420_18009_5991.N1	10-AUG-2005 04:43:26	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	18009	No
48	GOM_NL__2PRFIN20050810_044616_000000382039_00420_18009_5992.N1	10-AUG-2005 04:46:16	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	18009	No
49	GOM_NL__2PRFIN20050810_045430_000000522039_00420_18009_5993.N1	10-AUG-2005 04:54:30	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	18009	No
50	GOM_NL__2PRFIN20050810_045653_000000362039_00420_18009_5994.N1	10-AUG-2005 04:56:53	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	18009	No
51	GOM_NL__2PRFIN20050810_050453_000000362039_00420_18009_5995.N1	10-AUG-2005 05:04:53	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18009	No
52	GOM_NL__2PRFIN20050810_050634_000000352039_00420_18009_5996.N1	10-AUG-2005 05:06:34	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18009	No
53	GOM_NL__2PRFIN20050810_051343_000000392039_00420_18009_5997.N1	10-AUG-2005 05:13:43	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	18009	No
54	GOM_NL__2PRFIN20050810_051512_000000362039_00420_18009_5998.N1	10-AUG-2005 05:15:12	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18009	No
55	GOM_NL__2PRFIN20050810_051741_000000372039_00420_18009_5999.N1	10-AUG-2005 05:17:41	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	18009	No
56	GOM_NL__2PRFIN20050810_052201_000000372039_00420_18009_6000.N1	10-AUG-2005 05:22:01	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	18009	No
57	GOM_NL__2PRFIN20050810_052558_000000362039_00420_18009_6001.N1	10-AUG-2005 05:25:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18009	No
58	GOM_NL__2PRFIN20050810_052754_000000352039_00420_18009_6002.N1	10-AUG-2005 05:27:54	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18009	No
59	GOM_NL__2PRFIN20050810_060112_000000402039_00420_18009_6003.N1	10-AUG-2005 06:01:12	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	18009	No
60	GOM_NL__2PRFIN20050810_060319_000000062039_00420_18009_6004.N1	10-AUG-2005 06:03:19	Dark	6.0000	117	Pi Pup	2.7060	3800.0	12	18009	No
61	GOM_NL__2PRFIN20050810_060401_000000412039_00420_18009_6005.N1	10-AUG-2005 06:04:01	Dark	41.000	108	Alp Col	2.6520	15200.	82	18009	No
62	GOM_NL__2PRFIN20050810_060800_000000522039_00420_18009_6006.N1	10-AUG-2005 06:08:00	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18009	No
63	GOM_NL__2PRFIN20050810_064529_000000362039_00421_18010_5992.N1	10-AUG-2005 06:45:29	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18010	No
64	GOM_NL__2PRFIN20050810_064711_000000342039_00421_18010_5993.N1	10-AUG-2005 06:47:11	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	18010	No
65	GOM_NL__2PRFIN20050810_065419_000000382039_00421_18010_5994.N1	10-AUG-2005 06:54:19	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	18010	No
66	GOM_NL__2PRFIN20050810_075926_000000362039_00422_18011_5692.N1	10-AUG-2005 07:59:26	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	18011	No
67	GOM_NL__2PRFIN20050810_080439_000000392039_00422_18011_5693.N1	10-AUG-2005 08:04:39	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18011	No
68	GOM_NL__2PRFIN20050810_080729_000000402039_00422_18011_5694.N1	10-AUG-2005 08:07:29	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	18011	No
69	GOM_NL__2PRFIN20050810_081542_000000432039_00422_18011_5695.N1	10-AUG-2005 08:15:42	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	18011	No
70	GOM_NL__2PRFIN20050810_081805_000000362039_00422_18011_5696.N1	10-AUG-2005 08:18:05	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	18011	No
71	GOM_NL__2PRFIN20050810_082605_000000362039_00422_18011_5697.N1	10-AUG-2005 08:26:05	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18011	No
72	GOM_NL__2PRFIN20050810_082747_000000352039_00422_18011_5698.N1	10-AUG-2005 08:27:47	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18011	No
73	GOM_NL__2PRFIN20050810_083455_000000372039_00422_18011_5699.N1	10-AUG-2005 08:34:55	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	18011	No
74	GOM_NL__2PRFIN20050810_083623_000000352039_00422_18011_5700.N1	10-AUG-2005 08:36:23	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18011	No
75	GOM_NL__2PRFIN20050810_083854_000000372039_00422_18011_5701.N1	10-AUG-2005 08:38:54	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	18011	No
76	GOM_NL__2PRFIN20050810_084314_000000372039_00422_18011_5702.N1	10-AUG-2005 08:43:14	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	18011	No
77	GOM_NL__2PRFIN20050810_084711_000000372039_00422_18011_5703.N1	10-AUG-2005 08:47:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18011	No
78	GOM_NL__2PRFIN20050810_084906_000000352039_00422_18011_5704.N1	10-AUG-2005 08:49:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18011	No
79	GOM_NL__2PRFIN20050810_092057_000000392039_00422_18011_5705.N1	10-AUG-2005 09:20:57	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18011	No
80	GOM_NL__2PRFIN20050810_092224_000000402039_00422_18011_5706.N1	10-AUG-2005 09:22:24	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	18011	No
81	GOM_NL__2PRFIN20050810_092514_000000402039_00422_18011_5707.N1	10-AUG-2005 09:25:14	Dark	40.000	108	Alp Col	2.6520	15200.	80	18011	No
82	GOM_NL__2PRFIN20050810_092912_000000482039_00422_18011_5708.N1	10-AUG-2005 09:29:12	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	18011	No
83	GOM_NL__2PRFIN20050810_095842_000000362039_00423_18012_5993.N1	10-AUG-2005 09:58:42	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	18012	No
84	GOM_NL__2PRFIN20050810_100641_000000362039_00423_18012_5994.N1	10-AUG-2005 10:06:41	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18012	No
85	GOM_NL__2PRFIN20050810_100823_000000342039_00423_18012_5995.N1	10-AUG-2005 10:08:23	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	18012	No
86	GOM_NL__2PRFIN20050810_101531_000000392039_00423_18012_5996.N1	10-AUG-2005 10:15:31	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	18012	No
87	GOM_NL__2PRFIN20050810_101659_000000342039_00423_18012_5997.N1	10-AUG-2005 10:16:59	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	18012	No
88	GOM_NL__2PRFIN20050810_101930_000000372039_00423_18012_5998.N1	10-AUG-2005 10:19:30	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	18012	No
89	GOM_NL__2PRFIN20050810_102350_000000372039_00423_18012_5999.N1	10-AUG-2005 10:23:50	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	18012	No
90	GOM_NL__2PRFIN20050810_102747_000000362039_00423_18012_6000.N1	10-AUG-2005 10:27:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18012	No
91	GOM_NL__2PRFIN20050810_102942_000000352039_00423_18012_6001.N1	10-AUG-2005 10:29:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18012	No
92	GOM_NL__2PRFIN20050810_110133_000000382039_00423_18012_6002.N1	10-AUG-2005 11:01:33	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18012	No
93	GOM_NL__2PRFIN20050810_110300_000000402039_00423_18012_6003.N1	10-AUG-2005 11:03:00	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	18012	No
94	GOM_NL__2PRFIN20050810_110550_000000392039_00423_18012_6004.N1	10-AUG-2005 11:05:50	Dark	39.000	108	Alp Col	2.6520	15200.	78	18012	No
95	GOM_NL__2PRFIN20050810_110949_000000452039_00423_18012_6005.N1	10-AUG-2005 11:09:49	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18012	No
96	GOM_NL__2PRFIN20050810_112551_000000472039_00424_18013_5994.N1	10-AUG-2005 11:25:51	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	18013	No
97	GOM_NL__2PRFIN20050810_112841_000000382039_00424_18013_5995.N1	10-AUG-2005 11:28:41	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18013	No
98	GOM_NL__2PRFIN20050810_113654_000000402039_00424_18013_5996.N1	10-AUG-2005 11:36:54	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	18013	No
99	GOM_NL__2PRFIN20050810_113918_000000352039_00424_18013_5997.N1	10-AUG-2005 11:39:18	Bright	35.000	155	41Pi Sgr	2.9000	6600.0	70	18013	No
100	GOM_NL__2PRFIN20050810_114717_000000352039_00424_18013_5998.N1	10-AUG-2005 11:47:17	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18013	No
101	GOM_NL__2PRFIN20050810_114859_000000362039_00424_18013_5999.N1	10-AUG-2005 11:48:59	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18013	No

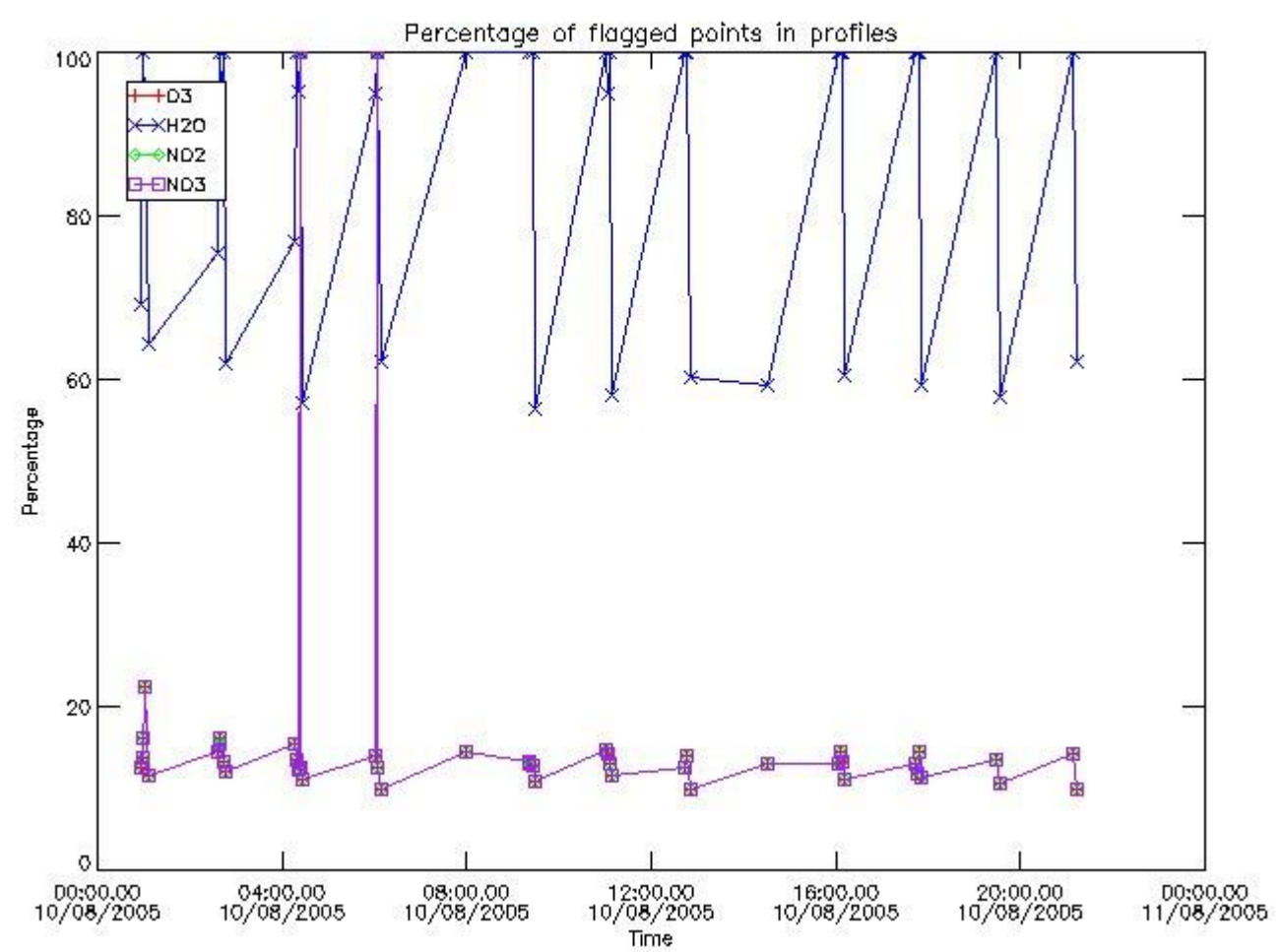
102	GOM_NL__2PRFIN20050810_115607_000000412039_00424_18013_6000.N1	10-AUG-2005 11:56:07	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	18013	No
103	GOM_NL__2PRFIN20050810_115735_000000352039_00424_18013_6001.N1	10-AUG-2005 11:57:35	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18013	No
104	GOM_NL__2PRFIN20050810_120006_000000392039_00424_18013_6002.N1	10-AUG-2005 12:00:06	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	18013	No
105	GOM_NL__2PRFIN20050810_120426_000000362039_00424_18013_6003.N1	10-AUG-2005 12:04:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	18013	No
106	GOM_NL__2PRFIN20050810_120823_000000362039_00424_18013_6004.N1	10-AUG-2005 12:08:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18013	No
107	GOM_NL__2PRFIN20050810_121017_000000362039_00424_18013_6005.N1	10-AUG-2005 12:10:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18013	No
108	GOM_NL__2PRFIN20050810_124336_000000412039_00424_18013_6006.N1	10-AUG-2005 12:43:36	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18013	No
109	GOM_NL__2PRFIN20050810_124626_000000402039_00424_18013_6007.N1	10-AUG-2005 12:46:26	Dark	40.000	108	Alp Col	2.6520	15200.	80	18013	No
110	GOM_NL__2PRFIN20050810_125025_000000522039_00424_18013_6008.N1	10-AUG-2005 12:50:25	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18013	No
111	GOM_NL__2PRFIN20050810_130917_000000422039_00425_18014_6016.N1	10-AUG-2005 13:09:17	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	18014	No
112	GOM_NL__2PRFIN20050810_131730_000000412039_00425_18014_6017.N1	10-AUG-2005 13:17:30	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	18014	No
113	GOM_NL__2PRFIN20050810_131954_000000382039_00425_18014_6018.N1	10-AUG-2005 13:19:54	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	18014	No
114	GOM_NL__2PRFIN20050810_132753_000000362039_00425_18014_6019.N1	10-AUG-2005 13:27:53	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18014	No
115	GOM_NL__2PRFIN20050810_133643_000000522039_00425_18014_6020.N1	10-AUG-2005 13:36:43	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	18014	No
116	GOM_NL__2PRFIN20050810_133811_000000362039_00425_18014_6021.N1	10-AUG-2005 13:38:11	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18014	No
117	GOM_NL__2PRFIN20050810_134042_000000382039_00425_18014_6022.N1	10-AUG-2005 13:40:42	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	18014	No
118	GOM_NL__2PRFIN20050810_134503_000000382039_00425_18014_6023.N1	10-AUG-2005 13:45:03	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	18014	No
119	GOM_NL__2PRFIN20050810_134859_000000362039_00425_18014_6024.N1	10-AUG-2005 13:48:59	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18014	No
120	GOM_NL__2PRFIN20050810_135053_000000332039_00425_18014_6025.N1	10-AUG-2005 13:50:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	18014	No
121	GOM_NL__2PRFIN20050810_143101_000000472039_00425_18014_6026.N1	10-AUG-2005 14:31:01	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	18014	No
122	GOM_NL__2PRFIN20050810_152936_000000332039_00426_18015_5718.N1	10-AUG-2005 15:29:36	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18015	No
123	GOM_NL__2PRFIN20050810_153129_000000362039_00426_18015_5719.N1	10-AUG-2005 15:31:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18015	No
124	GOM_NL__2PRFIN20050810_160321_000000392039_00426_18015_5720.N1	10-AUG-2005 16:03:21	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18015	No
125	GOM_NL__2PRFIN20050810_160449_000000432039_00426_18015_5721.N1	10-AUG-2005 16:04:49	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	18015	No
126	GOM_NL__2PRFIN20050810_160739_000000392039_00426_18015_5722.N1	10-AUG-2005 16:07:39	Dark	38.500	108	Alp Col	2.6520	15200.	77	18015	No
127	GOM_NL__2PRFIN20050810_161137_000000462039_00426_18015_5723.N1	10-AUG-2005 16:11:37	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	18015	No
128	GOM_NL__2PRFIN20050810_164905_000000392039_00427_18016_5719.N1	10-AUG-2005 16:49:05	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18016	No
129	GOM_NL__2PRFIN20050810_165047_000000362039_00427_18016_5720.N1	10-AUG-2005 16:50:47	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18016	No
130	GOM_NL__2PRFIN20050810_165756_000000362039_00427_18016_5721.N1	10-AUG-2005 16:57:56	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	18016	No
131	GOM_NL__2PRFIN20050810_165923_000000352039_00427_18016_5722.N1	10-AUG-2005 16:59:23	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18016	No
132	GOM_NL__2PRFIN20050810_170154_000000352039_00427_18016_5723.N1	10-AUG-2005 17:01:54	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	18016	No
133	GOM_NL__2PRFIN20050810_170615_000000372039_00427_18016_5724.N1	10-AUG-2005 17:06:15	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	18016	No
134	GOM_NL__2PRFIN20050810_171012_000000352039_00427_18016_5725.N1	10-AUG-2005 17:10:12	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18016	No
135	GOM_NL__2PRFIN20050810_171205_000000352039_00427_18016_5726.N1	10-AUG-2005 17:12:05	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18016	No
136	GOM_NL__2PRFIN20050810_174357_000000392039_00427_18016_5727.N1	10-AUG-2005 17:43:57	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18016	No
137	GOM_NL__2PRFIN20050810_174525_000000432039_00427_18016_5728.N1	10-AUG-2005 17:45:25	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18016	No
138	GOM_NL__2PRFIN20050810_174816_000000392039_00427_18016_5729.N1	10-AUG-2005 17:48:16	Dark	38.500	108	Alp Col	2.6520	15200.	77	18016	No
139	GOM_NL__2PRFIN20050810_175213_000000492039_00427_18016_5730.N1	10-AUG-2005 17:52:13	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	18016	No
140	GOM_NL__2PRFIN20050810_181105_000000382039_00428_18017_5720.N1	10-AUG-2005 18:11:05	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18017	No
141	GOM_NL__2PRFIN20050810_181919_000000402039_00428_18017_5721.N1	10-AUG-2005 18:19:19	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	18017	No
142	GOM_NL__2PRFIN20050810_182142_000000372039_00428_18017_5722.N1	10-AUG-2005 18:21:42	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	18017	No
143	GOM_NL__2PRFIN20050810_182941_000000372039_00428_18017_5723.N1	10-AUG-2005 18:29:41	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18017	No
144	GOM_NL__2PRFIN20050810_183123_000000352039_00428_18017_5724.N1	10-AUG-2005 18:31:23	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18017	No
145	GOM_NL__2PRFIN20050810_183832_000000392039_00428_18017_5725.N1	10-AUG-2005 18:38:32	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	18017	No
146	GOM_NL__2PRFIN20050810_183959_000000352039_00428_18017_5726.N1	10-AUG-2005 18:39:59	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18017	No
147	GOM_NL__2PRFIN20050810_184231_000000392039_00428_18017_5727.N1	10-AUG-2005 18:42:31	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	18017	No
148	GOM_NL__2PRFIN20050810_184652_000000382039_00428_18017_5728.N1	10-AUG-2005 18:46:52	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	18017	No
149	GOM_NL__2PRFIN20050810_185048_000000352039_00428_18017_5729.N1	10-AUG-2005 18:50:48	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18017	No
150	GOM_NL__2PRFIN20050810_185241_000000392039_00428_18017_5730.N1	10-AUG-2005 18:52:41	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	18017	No
151	GOM_NL__2PRFIN20050810_192852_000000382039_00428_18017_5731.N1	10-AUG-2005 19:28:52	Dark	38.000	108	Alp Col	2.6520	15200.	76	18017	No
152	GOM_NL__2PRFIN20050810_193249_000000482039_00428_18017_5732.N1	10-AUG-2005 19:32:49	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	18017	No
153	GOM_NL__2PRFIN20050810_201017_000000362039_00429_18018_5724.N1	10-AUG-2005 20:10:17	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18018	No
154	GOM_NL__2PRFIN20050810_201159_000000362039_00429_18018_5725.N1	10-AUG-2005 20:11:59	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18018	No
155	GOM_NL__2PRFIN20050810_201908_000000352039_00429_18018_5726.N1	10-AUG-2005 20:19:08	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	18018	No
156	GOM_NL__2PRFIN20050810_202034_000000352039_00429_18018_5727.N1	10-AUG-2005 20:20:34	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18018	No
157	GOM_NL__2PRFIN20050810_202307_000000382039_00429_18018_5728.N1	10-AUG-2005 20:23:07	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	18018	No
158	GOM_NL__2PRFIN20050810_202728_000000372039_00429_18018_5729.N1	10-AUG-2005 20:27:28	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	18018	No
159	GOM_NL__2PRFIN20050810_203124_000000372039_00429_18018_5730.N1	10-AUG-2005 20:31:24	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18018	No
160	GOM_NL__2PRFIN20050810_203317_000000362039_00429_18018_5731.N1	10-AUG-2005 20:33:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18018	No

161	GOM_NL__2PRFIN20050810_210928_000000402039_00429_18018_5732.N1	10-AUG-2005 21:09:28	Dark	39.500	108	Alp Col	2.6520	15200.	79	18018	No
162	GOM_NL__2PRFIN20050810_211325_000000522039_00429_18018_5733.N1	10-AUG-2005 21:13:25	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18018	No
163	GOM_NL__2PRFIN20050810_215053_000000362039_00430_18019_6014.N1	10-AUG-2005 21:50:53	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18019	No
164	GOM_NL__2PRFIN20050810_215235_000000362039_00430_18019_6015.N1	10-AUG-2005 21:52:35	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18019	No
165	GOM_NL__2PRFIN20050810_215944_000000352039_00430_18019_6016.N1	10-AUG-2005 21:59:44	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	18019	No
166	GOM_NL__2PRFIN20050810_220110_000000342039_00430_18019_6017.N1	10-AUG-2005 22:01:10	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	18019	No
167	GOM_NL__2PRFIN20050810_220343_000000392039_00430_18019_6018.N1	10-AUG-2005 22:03:43	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	18019	No
168	GOM_NL__2PRFIN20050810_220804_000000382039_00430_18019_6019.N1	10-AUG-2005 22:08:04	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	18019	No
169	GOM_NL__2PRFIN20050810_221201_000000342039_00430_18019_6020.N1	10-AUG-2005 22:12:01	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18019	No
170	GOM_NL__2PRFIN20050810_221353_000000362039_00430_18019_6021.N1	10-AUG-2005 22:13:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18019	No
171	GOM_NL__2PRFIN20050810_232330_000000372039_00431_18020_5729.N1	10-AUG-2005 23:23:30	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	18020	No
172	GOM_NL__2PRFIN20050810_233129_000000372039_00431_18020_5730.N1	10-AUG-2005 23:31:29	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18020	No
173	GOM_NL__2PRFIN20050810_233311_000000352039_00431_18020_5731.N1	10-AUG-2005 23:33:11	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18020	No
174	GOM_NL__2PRFIN20050810_234020_000000342039_00431_18020_5732.N1	10-AUG-2005 23:40:20	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	18020	No
175	GOM_NL__2PRFIN20050810_234146_000000352039_00431_18020_5733.N1	10-AUG-2005 23:41:46	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18020	No
176	GOM_NL__2PRFIN20050810_234419_000000402039_00431_18020_5734.N1	10-AUG-2005 23:44:19	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	18020	No
177	GOM_NL__2PRFIN20050810_234841_000000542039_00431_18020_5735.N1	10-AUG-2005 23:48:41	Bright	54.000	119	14Eta Dra	2.7270	4700.0	108	18020	No
178	GOM_NL__2PRFIN20050810_235237_000000342039_00431_18020_5736.N1	10-AUG-2005 23:52:37	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18020	No
179	GOM_NL__2PRFIN20050810_235429_000000352039_00431_18020_5737.N1	10-AUG-2005 23:54:29	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18020	No

3. Quality information per product

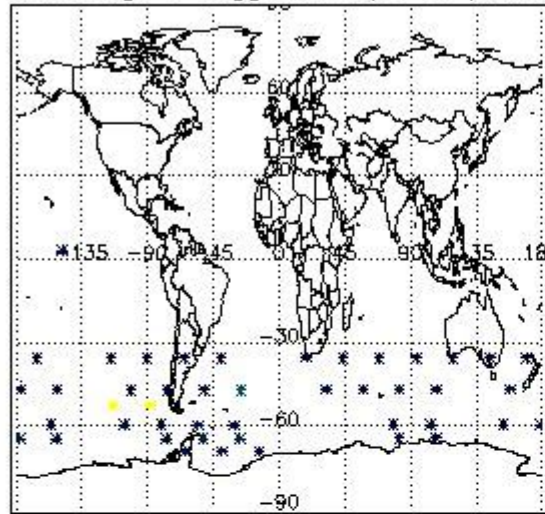
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

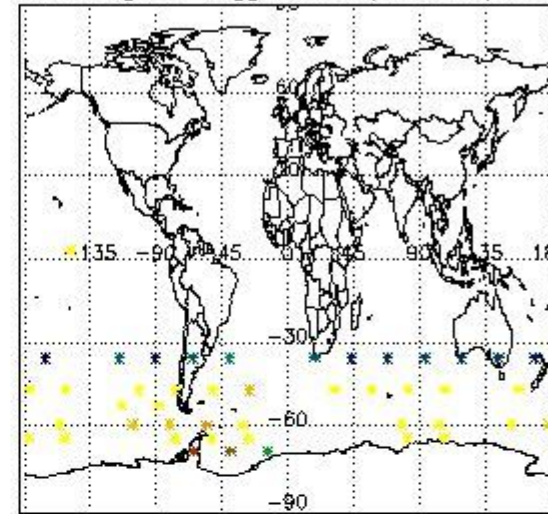


3.2 Plot quality information per product (world map)

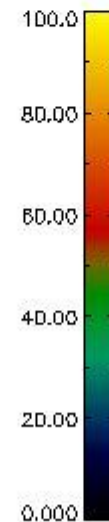
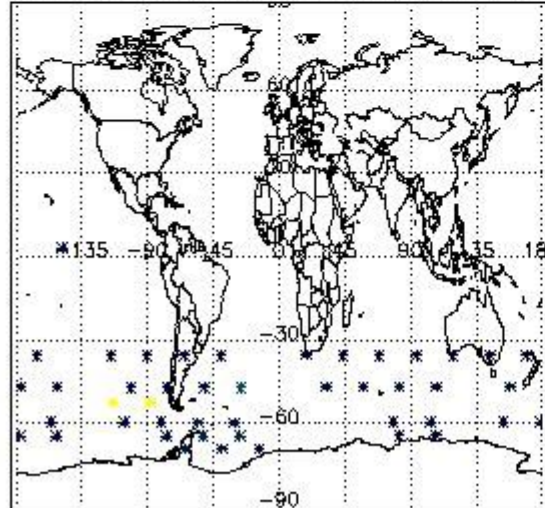
Percentage of flagged data per O3 profile



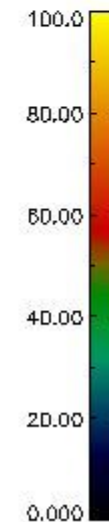
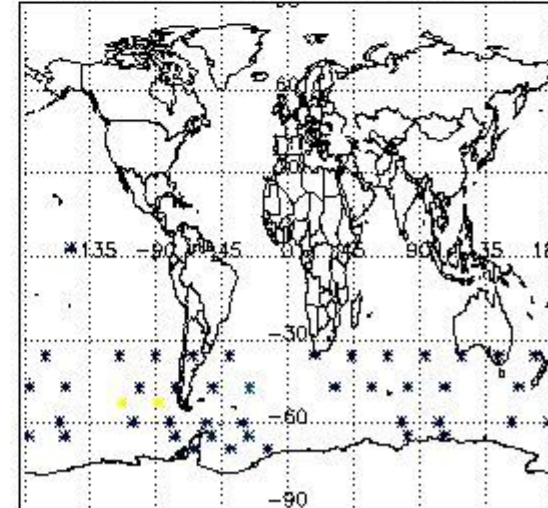
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

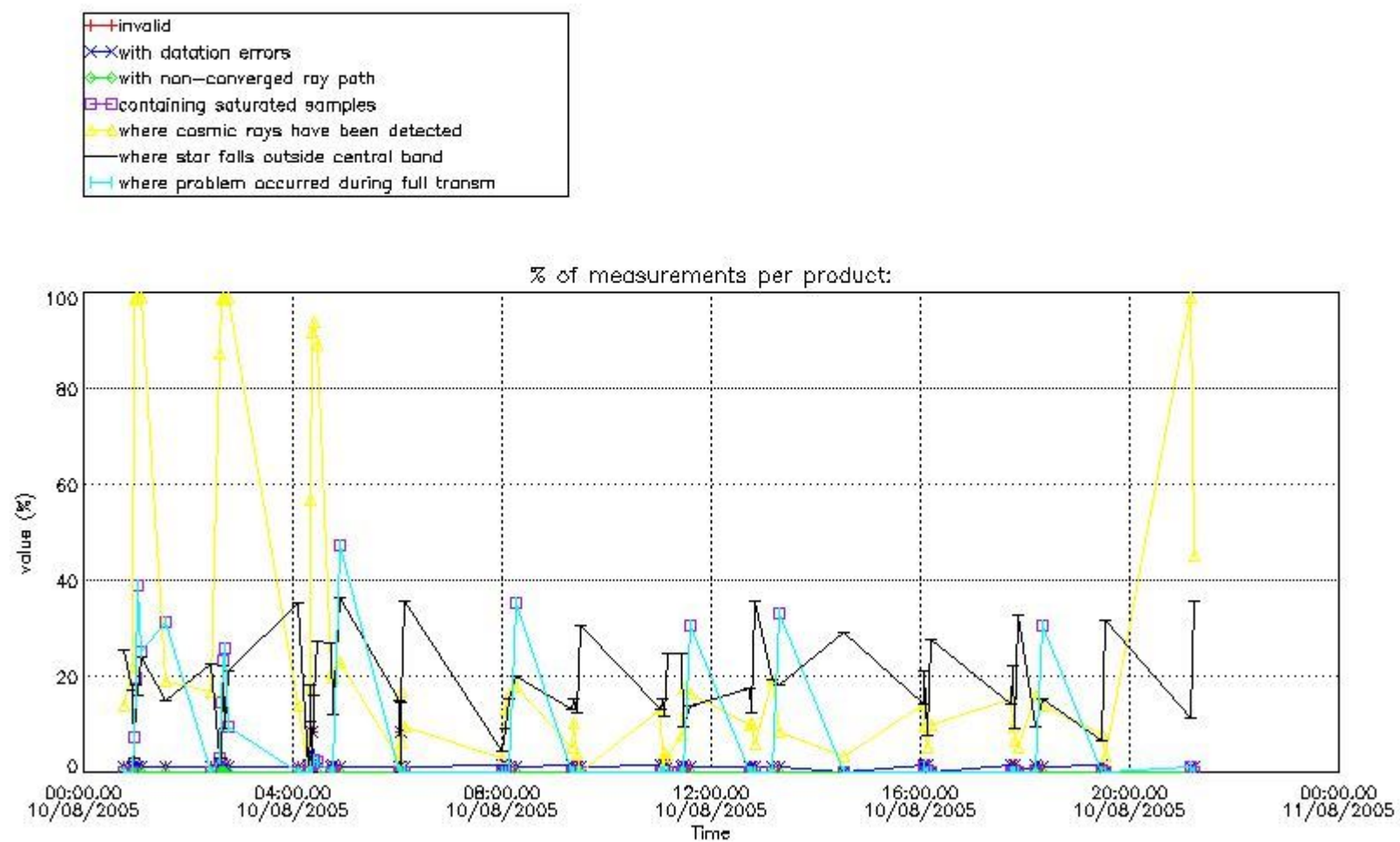


4. Level 1 quality information per product

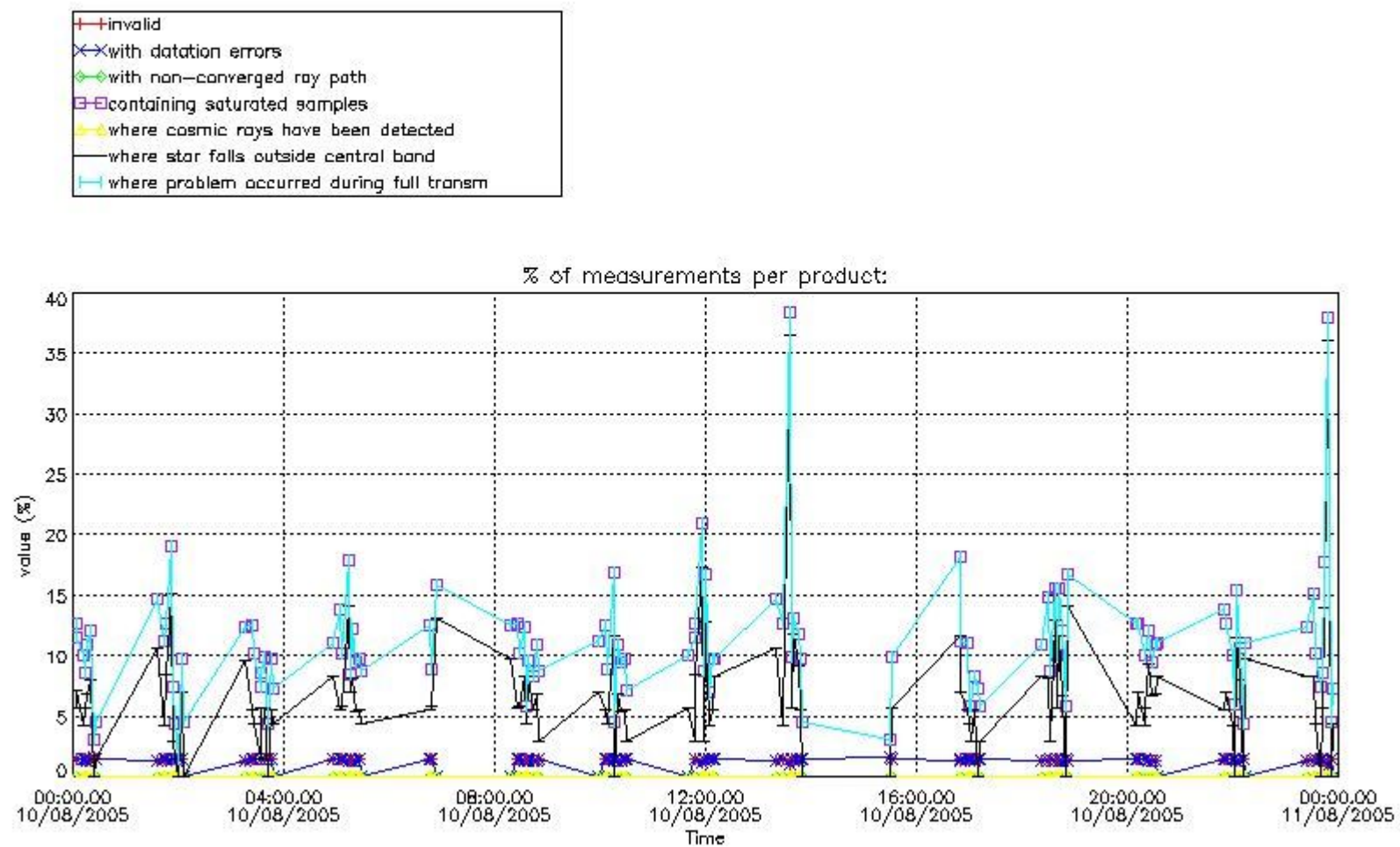
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



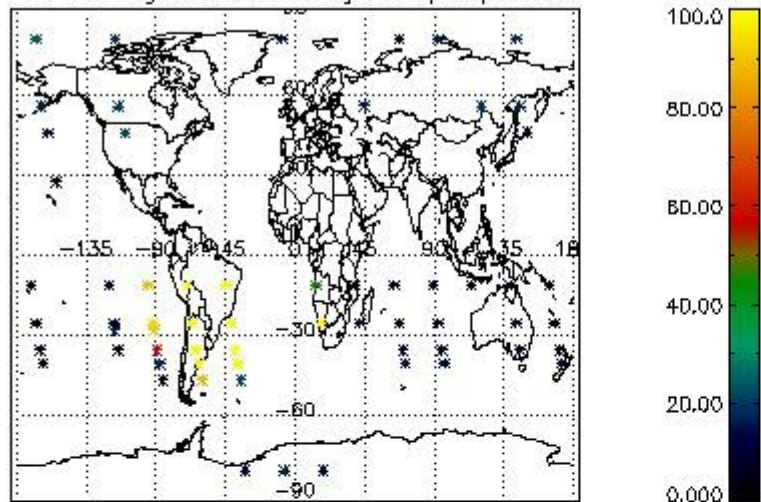
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



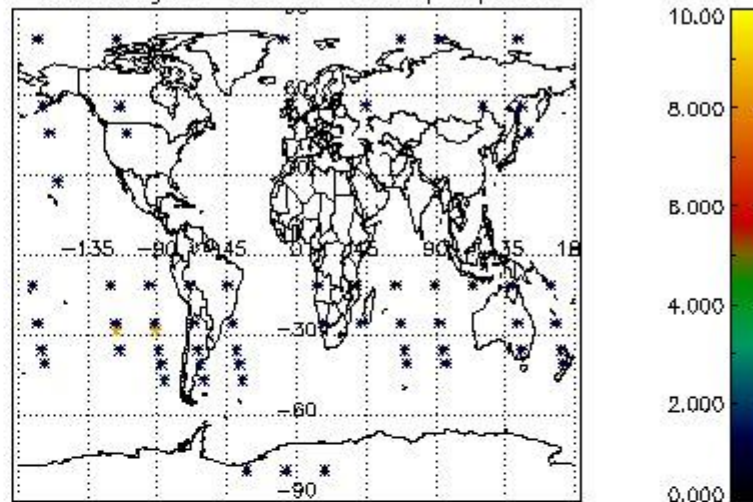
4.2 Plot quality information per product coming from level 1b processing (world map)

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

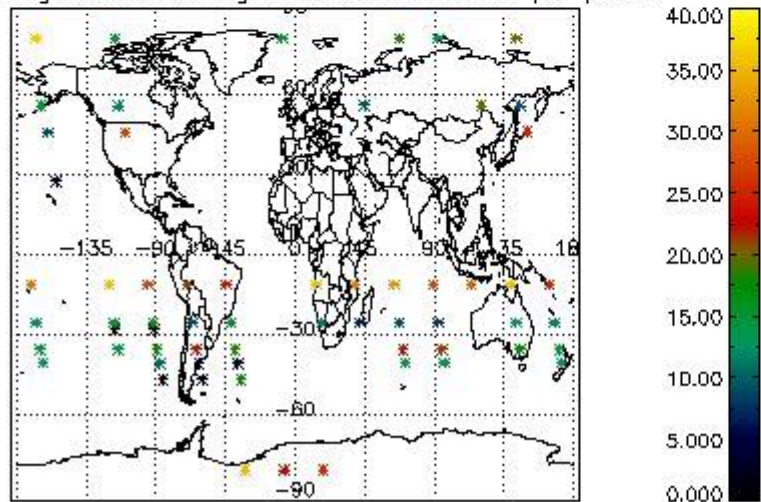
Percentage of cosmic ray hits per profile



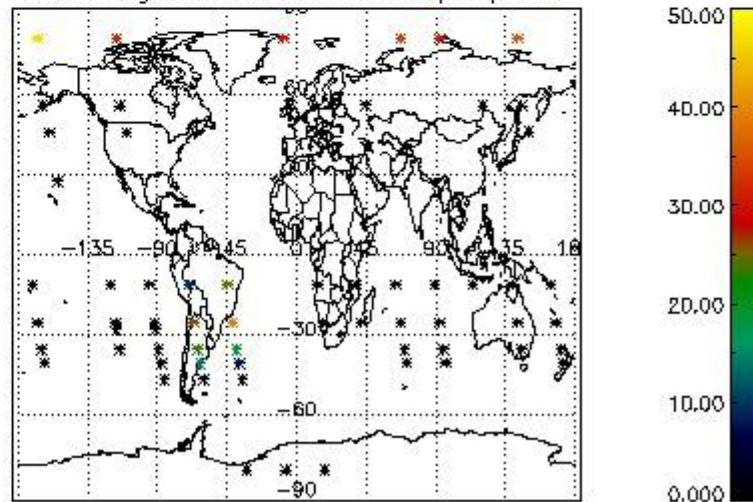
Percentage of datation errors per profile



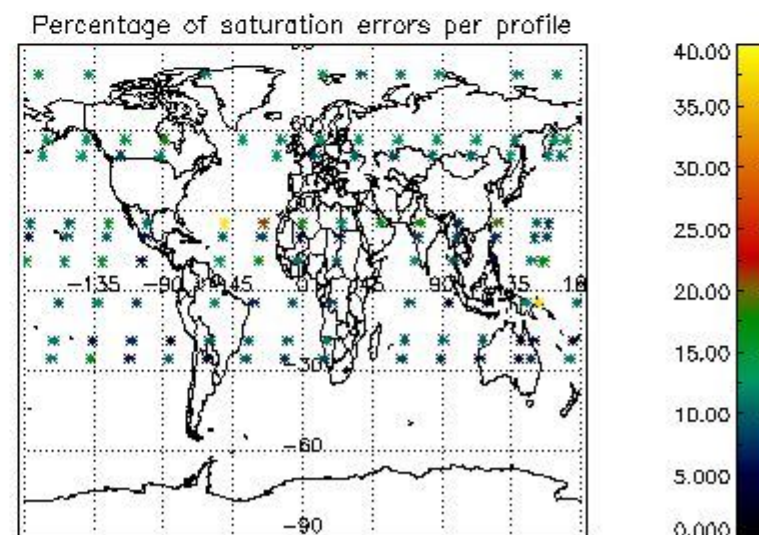
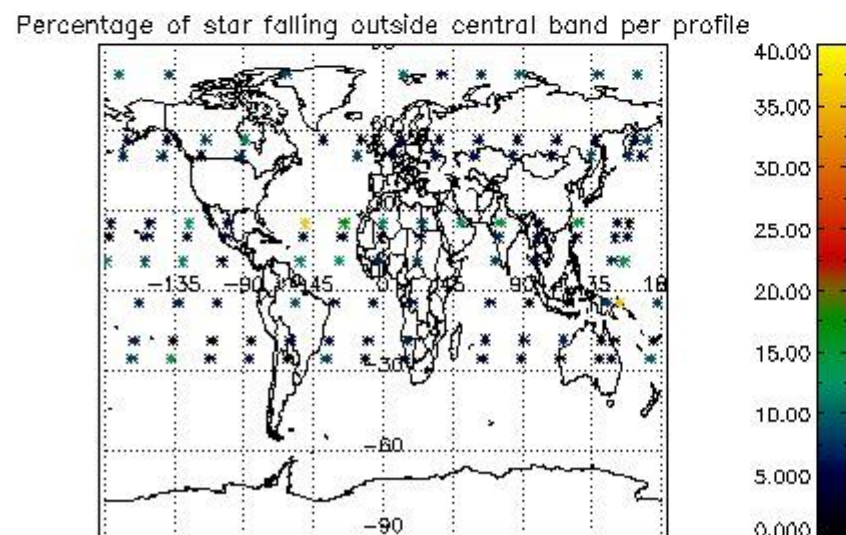
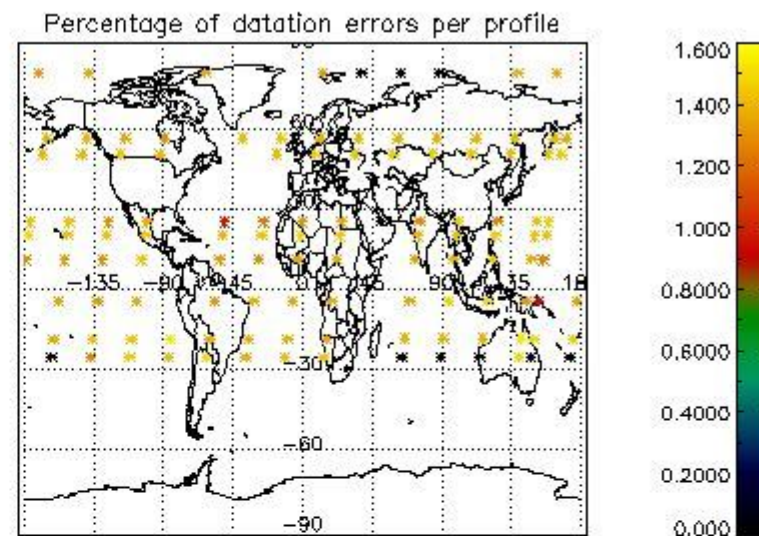
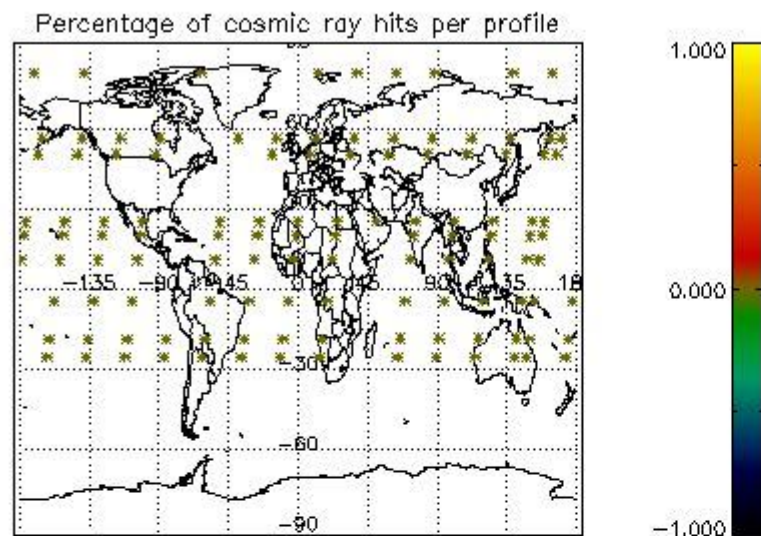
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

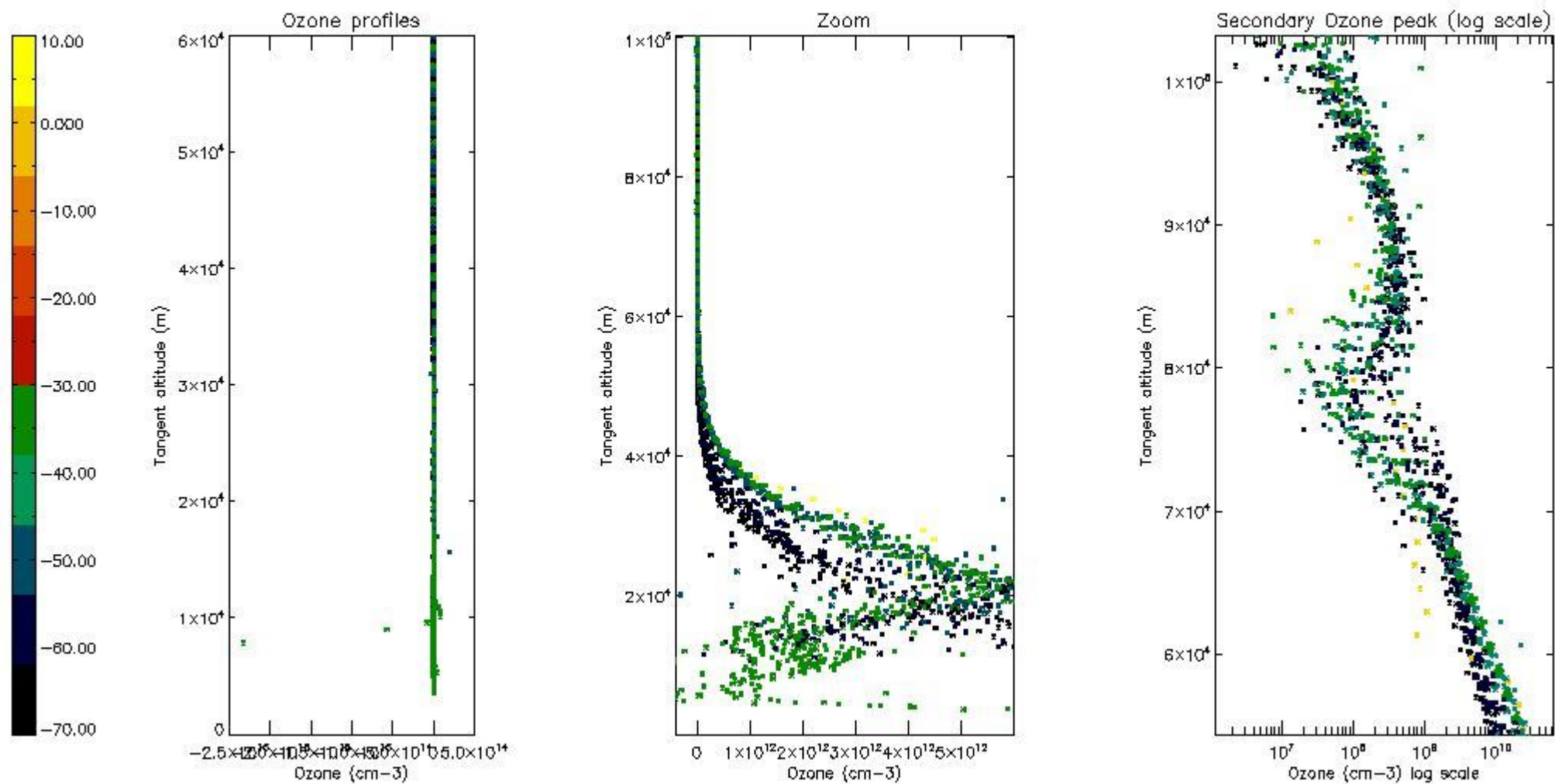
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	19

STD < 10	15
STD < 5	12

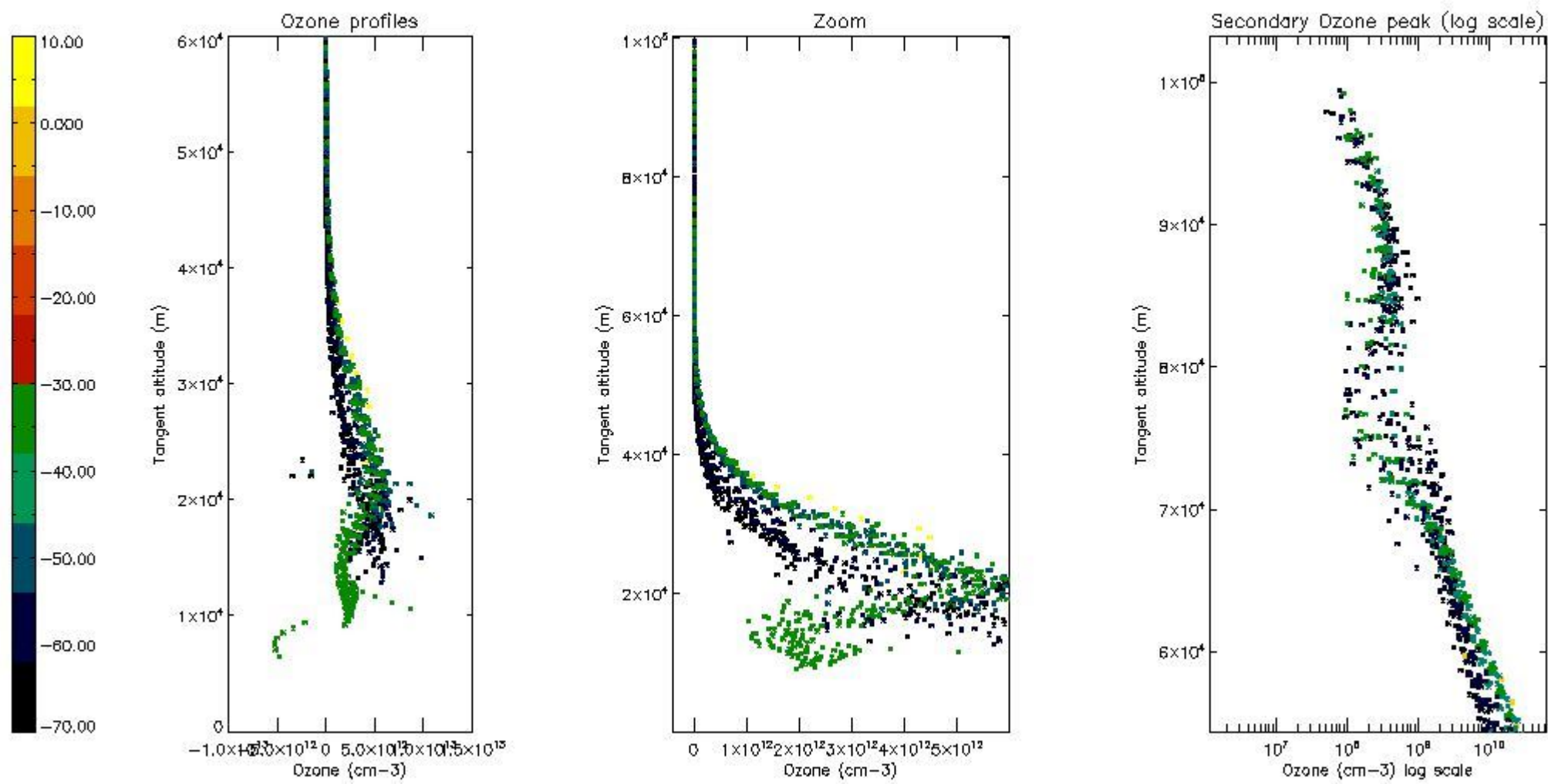
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



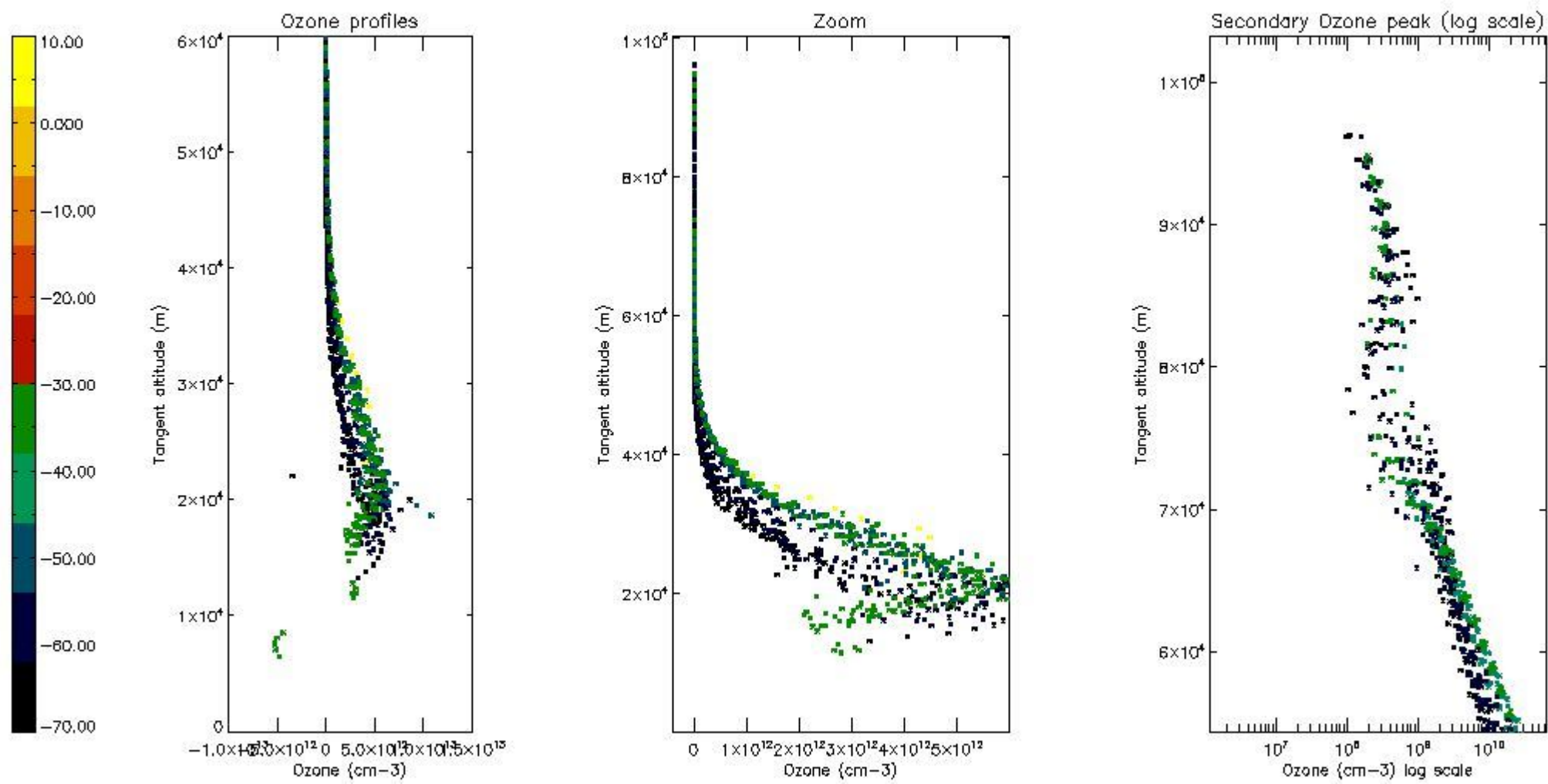
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



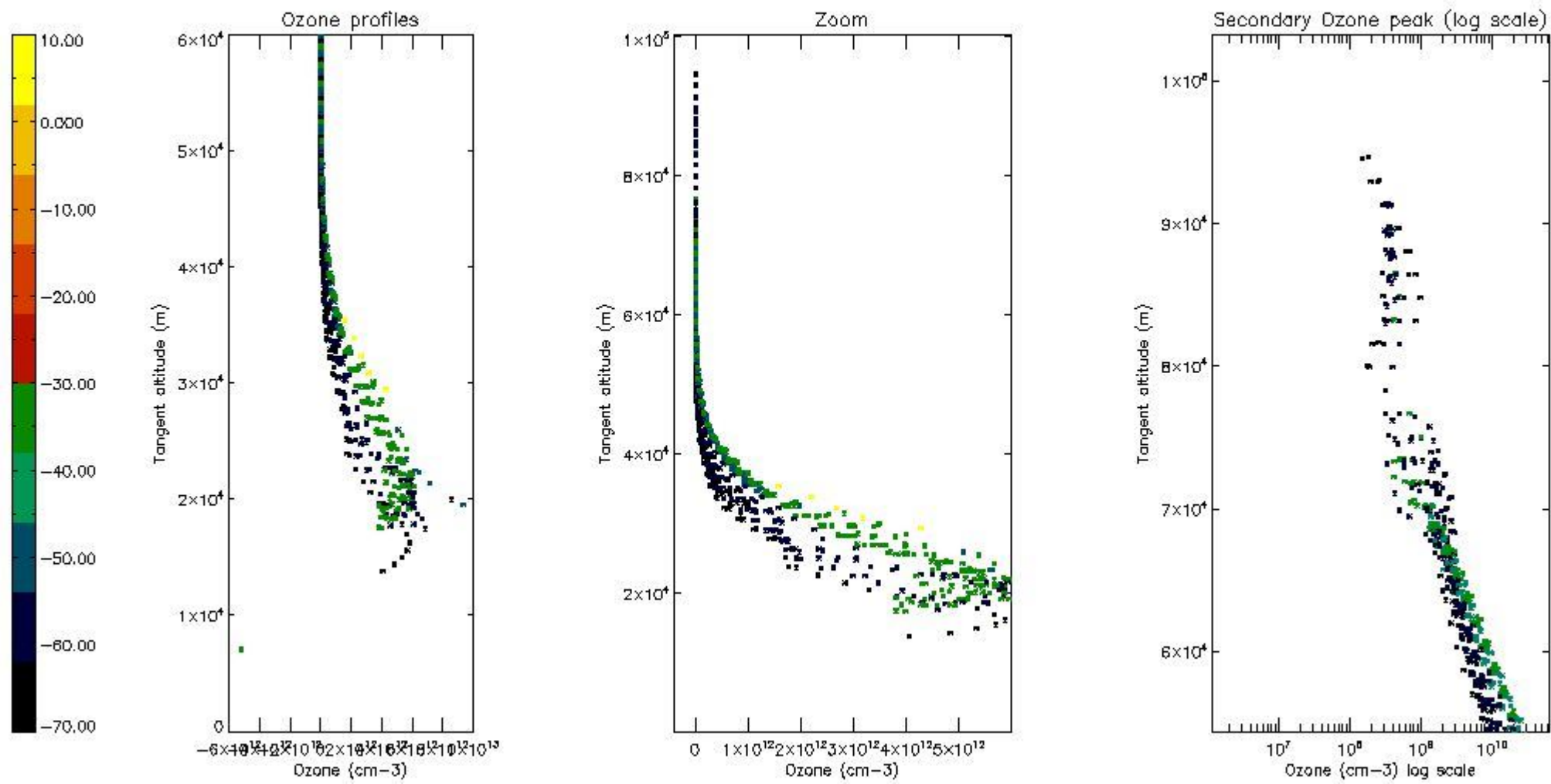
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



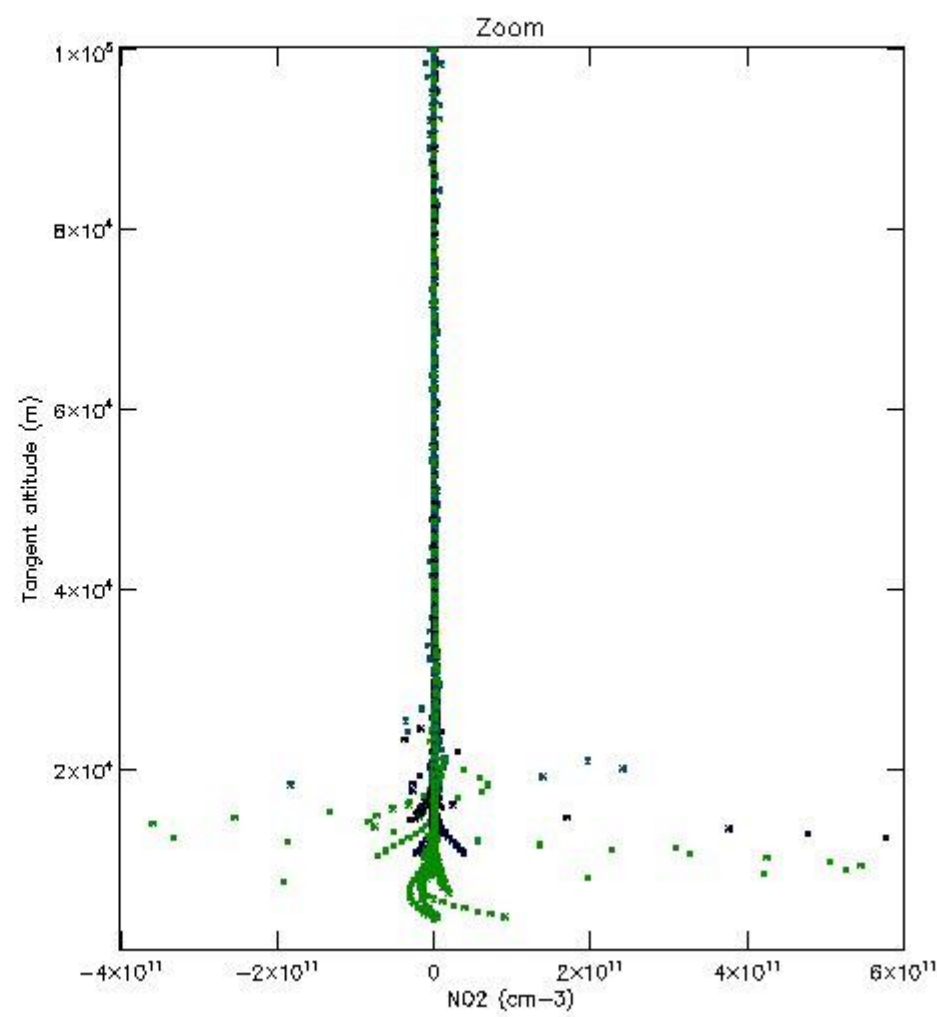
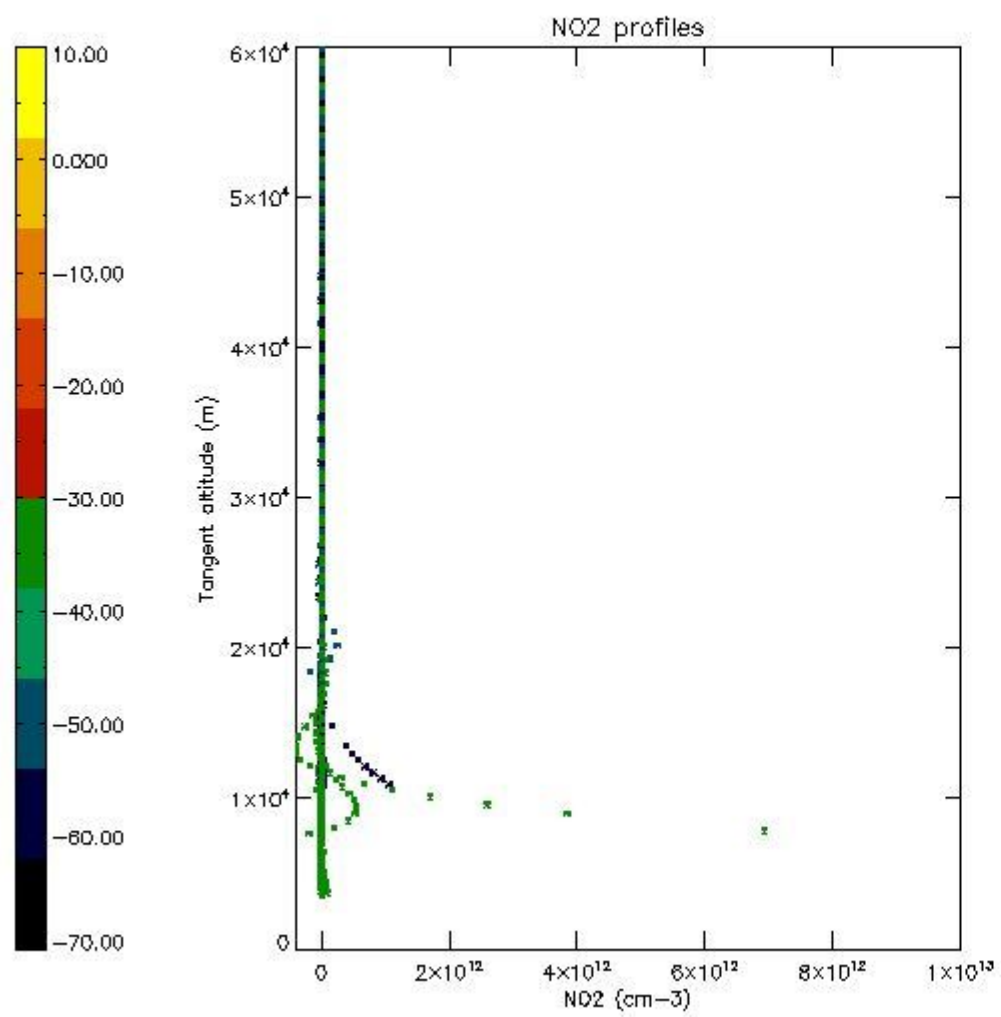
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



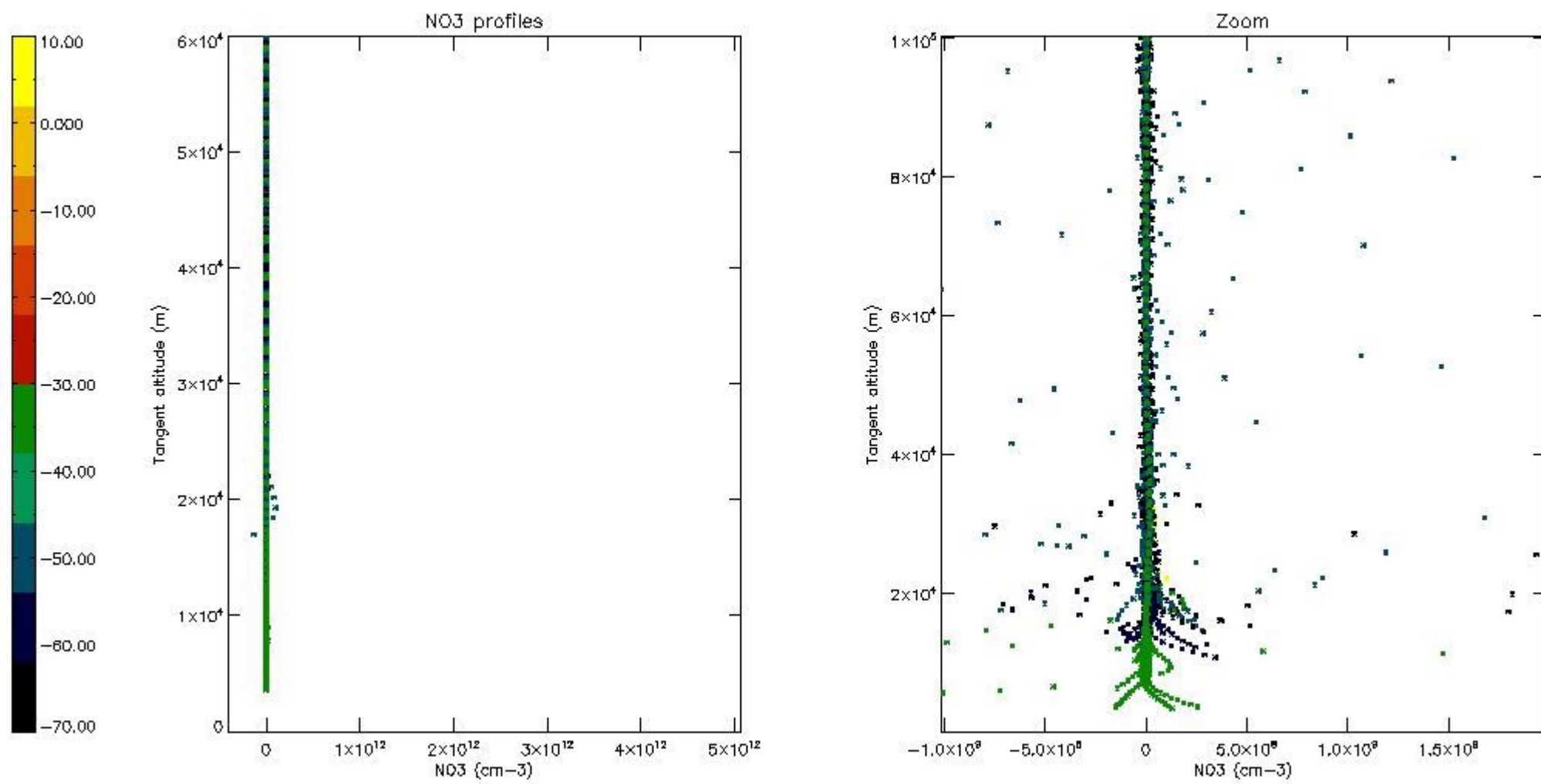
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



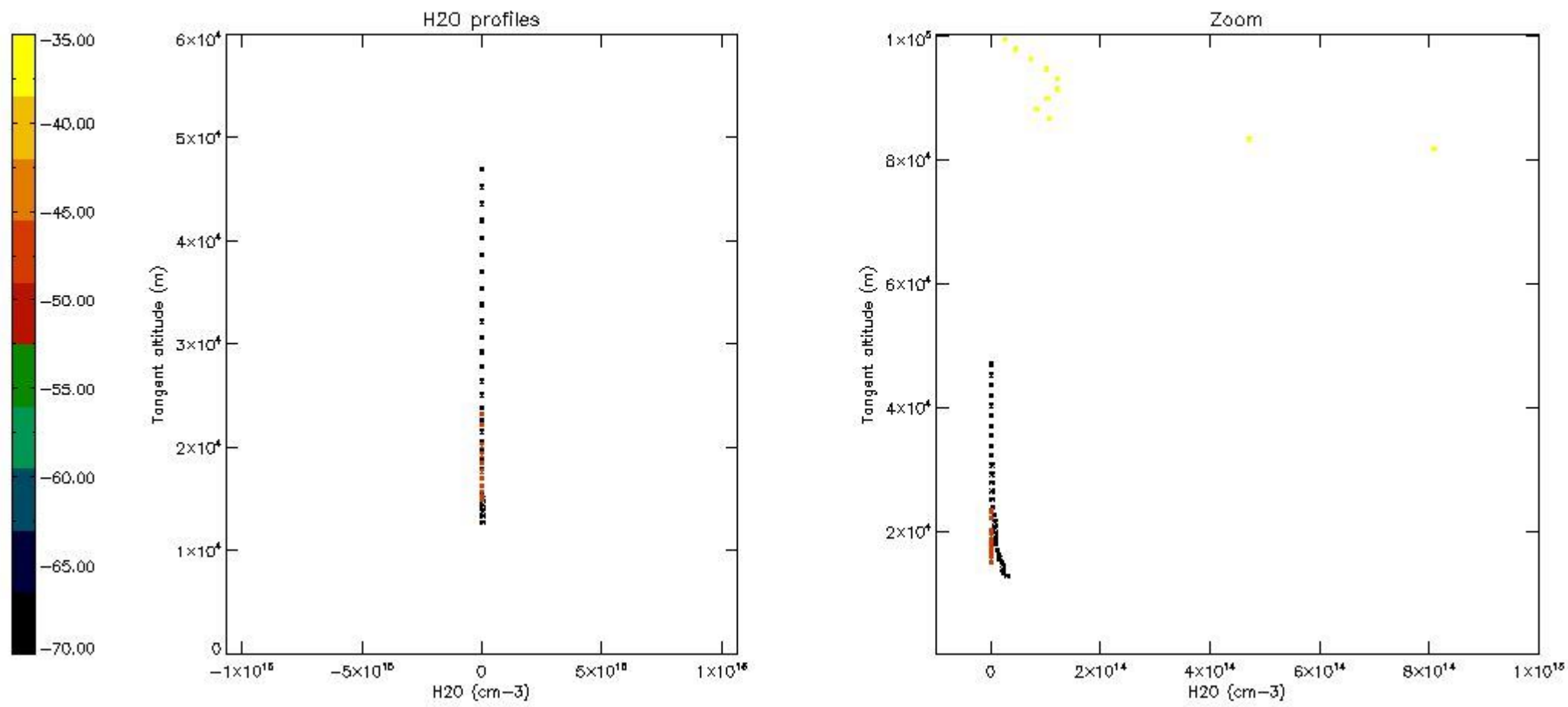
5.7 Plot NO3 profiles for all STD (dark without errors)

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	10-AUG-2005 00:03:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-AUG-2005 00:03:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-AUG-2005 00:03:05

GOMOS Level 2 Daily Report

SUMMARY

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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 \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	18APR2013 10:25:05
Data source version	GOMOS/6.01
Start time of products	10-08-2005 (10AUG2005 00:00:00)
Stop time of products	11-08-2005 (11AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	179
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__2PRFIN20050810_000305_000000362039_00417_18006_5990.N1	10-AUG-2005 00:03:05	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18006	No
2	GOM_NL__2PRFIN20050810_000446_000000352039_00417_18006_5991.N1	10-AUG-2005 00:04:46	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	18006	No
3	GOM_NL__2PRFIN20050810_001154_000000352039_00417_18006_5992.N1	10-AUG-2005 00:11:54	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	18006	No
4	GOM_NL__2PRFIN20050810_001324_000000352039_00417_18006_5993.N1	10-AUG-2005 00:13:24	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18006	No
5	GOM_NL__2PRFIN20050810_001552_000000372039_00417_18006_5994.N1	10-AUG-2005 00:15:52	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	18006	No
6	GOM_NL__2PRFIN20050810_002012_000000382039_00417_18006_5995.N1	10-AUG-2005 00:20:12	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	18006	No
7	GOM_NL__2PRFIN20050810_002410_000000332039_00417_18006_5996.N1	10-AUG-2005 00:24:10	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18006	No
8	GOM_NL__2PRFIN20050810_002606_000000342039_00417_18006_5997.N1	10-AUG-2005 00:26:06	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	18006	No
9	GOM_NL__2PRFIN20050810_004535_000000472039_00417_18006_5998.N1	10-AUG-2005 00:45:35	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	18006	No
10	GOM_NL__2PRFIN20050810_005612_000000412039_00417_18006_5999.N1	10-AUG-2005 00:56:12	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	18006	No
11	GOM_NL__2PRFIN20050810_005757_000000352039_00417_18006_6000.N1	10-AUG-2005 00:57:57	Dark	34.500	179	24Omi2CMa	3.0320	24000.	69	18006	No
12	GOM_NL__2PRFIN20050810_005924_000000412039_00417_18006_6001.N1	10-AUG-2005 00:59:24	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	18006	No
13	GOM_NL__2PRFIN20050810_010212_000000412039_00417_18006_6002.N1	10-AUG-2005 01:02:12	Dark	41.000	108	Alp Col	2.6520	15200.	82	18006	No
14	GOM_NL__2PRFIN20050810_010612_000000442039_00417_18006_6003.N1	10-AUG-2005 01:06:12	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18006	No
15	GOM_NL__2PRFIN20050810_013317_000000402039_00418_18007_5989.N1	10-AUG-2005 01:33:17	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	18007	No
16	GOM_NL__2PRFIN20050810_013541_000000382039_00418_18007_5990.N1	10-AUG-2005 01:35:41	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	18007	No
17	GOM_NL__2PRFIN20050810_014341_000000362039_00418_18007_5991.N1	10-AUG-2005 01:43:41	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18007	No
18	GOM_NL__2PRFIN20050810_014522_000000362039_00418_18007_5992.N1	10-AUG-2005 01:45:22	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18007	No
19	GOM_NL__2PRFIN20050810_015230_000000402039_00418_18007_5993.N1	10-AUG-2005 01:52:30	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	18007	No
20	GOM_NL__2PRFIN20050810_015400_000000342039_00418_18007_5994.N1	10-AUG-2005 01:54:00	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18007	No
21	GOM_NL__2PRFIN20050810_015629_000000342039_00418_18007_5995.N1	10-AUG-2005 01:56:29	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	18007	No
22	GOM_NL__2PRFIN20050810_020048_000000332039_00418_18007_5996.N1	10-AUG-2005 02:00:48	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	18007	No
23	GOM_NL__2PRFIN20050810_020446_000000362039_00418_18007_5997.N1	10-AUG-2005 02:04:46	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18007	No
24	GOM_NL__2PRFIN20050810_020642_000000332039_00418_18007_5998.N1	10-AUG-2005 02:06:42	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	18007	No
25	GOM_NL__2PRFIN20050810_022611_000000452039_00418_18007_5999.N1	10-AUG-2005 02:26:11	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	18007	No
26	GOM_NL__2PRFIN20050810_023648_000000352039_00418_18007_6000.N1	10-AUG-2005 02:36:48	Dark	35.000	1	9Alp CMa	-1.4400	11000.	70	18007	No
27	GOM_NL__2PRFIN20050810_023832_000000352039_00418_18007_6001.N1	10-AUG-2005 02:38:32	Dark	34.500	179	24Omi2CMa	3.0320	24000.	69	18007	No
28	GOM_NL__2PRFIN20050810_024000_000000432039_00418_18007_6002.N1	10-AUG-2005 02:40:00	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18007	No
29	GOM_NL__2PRFIN20050810_024248_000000392039_00418_18007_6003.N1	10-AUG-2005 02:42:48	Dark	38.500	108	Alp Col	2.6520	15200.	77	18007	No
30	GOM_NL__2PRFIN20050810_024648_000000432039_00418_18007_6004.N1	10-AUG-2005 02:46:48	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	18007	No
31	GOM_NL__2PRFIN20050810_031617_000000372039_00419_18008_5990.N1	10-AUG-2005 03:16:17	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	18008	No
32	GOM_NL__2PRFIN20050810_032417_000000362039_00419_18008_5991.N1	10-AUG-2005 03:24:17	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18008	No
33	GOM_NL__2PRFIN20050810_032558_000000352039_00419_18008_5992.N1	10-AUG-2005 03:25:58	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18008	No
34	GOM_NL__2PRFIN20050810_033307_000000342039_00419_18008_5993.N1	10-AUG-2005 03:33:07	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	18008	No
35	GOM_NL__2PRFIN20050810_033436_000000352039_00419_18008_5994.N1	10-AUG-2005 03:34:36	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18008	No
36	GOM_NL__2PRFIN20050810_033705_000000362039_00419_18008_5995.N1	10-AUG-2005 03:37:05	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	18008	No
37	GOM_NL__2PRFIN20050810_034125_000000342039_00419_18008_5996.N1	10-AUG-2005 03:41:25	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	18008	No
38	GOM_NL__2PRFIN20050810_034522_000000362039_00419_18008_5997.N1	10-AUG-2005 03:45:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18008	No
39	GOM_NL__2PRFIN20050810_034718_000000352039_00419_18008_5998.N1	10-AUG-2005 03:47:18	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18008	No
40	GOM_NL__2PRFIN20050810_040647_000000542039_00419_18008_5999.N1	10-AUG-2005 04:06:47	Bright	54.000	151	13Mu Gem	2.8900	3000.0	108	18008	No
41	GOM_NL__2PRFIN20050810_041724_000000332039_00419_18008_6000.N1	10-AUG-2005 04:17:24	Dark	33.000	1	9Alp CMa	-1.4400	11000.	66	18008	No
42	GOM_NL__2PRFIN20050810_041909_000000382039_00419_18008_6001.N1	10-AUG-2005 04:19:09	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	18008	No

43	GOM_NL__2PRFIN20050810_042036_000000422039_00419_18008_6002.N1	10-AUG-2005 04:20:36	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	18008	No
44	GOM_NL__2PRFIN20050810_042243_000000062039_00419_18008_6003.N1	10-AUG-2005 04:22:43	Dark	6.0000	117	Pi Pup	2.7060	3800.0	12	18008	No
45	GOM_NL__2PRFIN20050810_042325_000000412039_00419_18008_6004.N1	10-AUG-2005 04:23:25	Dark	41.000	108	Alp Col	2.6520	15200.	82	18008	No
46	GOM_NL__2PRFIN20050810_042724_000000462039_00419_18008_6005.N1	10-AUG-2005 04:27:24	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	18008	No
47	GOM_NL__2PRFIN20050810_044326_000000482039_00420_18009_5991.N1	10-AUG-2005 04:43:26	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	18009	No
48	GOM_NL__2PRFIN20050810_044616_000000382039_00420_18009_5992.N1	10-AUG-2005 04:46:16	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	18009	No
49	GOM_NL__2PRFIN20050810_045430_000000522039_00420_18009_5993.N1	10-AUG-2005 04:54:30	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	18009	No
50	GOM_NL__2PRFIN20050810_045653_000000362039_00420_18009_5994.N1	10-AUG-2005 04:56:53	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	18009	No
51	GOM_NL__2PRFIN20050810_050453_000000362039_00420_18009_5995.N1	10-AUG-2005 05:04:53	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18009	No
52	GOM_NL__2PRFIN20050810_050634_000000352039_00420_18009_5996.N1	10-AUG-2005 05:06:34	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18009	No
53	GOM_NL__2PRFIN20050810_051343_000000392039_00420_18009_5997.N1	10-AUG-2005 05:13:43	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	18009	No
54	GOM_NL__2PRFIN20050810_051512_000000362039_00420_18009_5998.N1	10-AUG-2005 05:15:12	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18009	No
55	GOM_NL__2PRFIN20050810_051741_000000372039_00420_18009_5999.N1	10-AUG-2005 05:17:41	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	18009	No
56	GOM_NL__2PRFIN20050810_052201_000000372039_00420_18009_6000.N1	10-AUG-2005 05:22:01	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	18009	No
57	GOM_NL__2PRFIN20050810_052558_000000362039_00420_18009_6001.N1	10-AUG-2005 05:25:58	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18009	No
58	GOM_NL__2PRFIN20050810_052754_000000352039_00420_18009_6002.N1	10-AUG-2005 05:27:54	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18009	No
59	GOM_NL__2PRFIN20050810_060112_000000402039_00420_18009_6003.N1	10-AUG-2005 06:01:12	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	18009	No
60	GOM_NL__2PRFIN20050810_060319_000000062039_00420_18009_6004.N1	10-AUG-2005 06:03:19	Dark	6.0000	117	Pi Pup	2.7060	3800.0	12	18009	No
61	GOM_NL__2PRFIN20050810_060401_000000412039_00420_18009_6005.N1	10-AUG-2005 06:04:01	Dark	41.000	108	Alp Col	2.6520	15200.	82	18009	No
62	GOM_NL__2PRFIN20050810_060800_000000522039_00420_18009_6006.N1	10-AUG-2005 06:08:00	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18009	No
63	GOM_NL__2PRFIN20050810_064529_000000362039_00421_18010_5992.N1	10-AUG-2005 06:45:29	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18010	No
64	GOM_NL__2PRFIN20050810_064711_000000342039_00421_18010_5993.N1	10-AUG-2005 06:47:11	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	18010	No
65	GOM_NL__2PRFIN20050810_065419_000000382039_00421_18010_5994.N1	10-AUG-2005 06:54:19	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	18010	No
66	GOM_NL__2PRFIN20050810_075926_000000362039_00422_18011_5692.N1	10-AUG-2005 07:59:26	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	18011	No
67	GOM_NL__2PRFIN20050810_080439_000000392039_00422_18011_5693.N1	10-AUG-2005 08:04:39	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18011	No
68	GOM_NL__2PRFIN20050810_080729_000000402039_00422_18011_5694.N1	10-AUG-2005 08:07:29	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	18011	No
69	GOM_NL__2PRFIN20050810_081542_000000432039_00422_18011_5695.N1	10-AUG-2005 08:15:42	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	18011	No
70	GOM_NL__2PRFIN20050810_081805_000000362039_00422_18011_5696.N1	10-AUG-2005 08:18:05	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	18011	No
71	GOM_NL__2PRFIN20050810_082605_000000362039_00422_18011_5697.N1	10-AUG-2005 08:26:05	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18011	No
72	GOM_NL__2PRFIN20050810_082747_000000352039_00422_18011_5698.N1	10-AUG-2005 08:27:47	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18011	No
73	GOM_NL__2PRFIN20050810_083455_000000372039_00422_18011_5699.N1	10-AUG-2005 08:34:55	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	18011	No
74	GOM_NL__2PRFIN20050810_083623_000000352039_00422_18011_5700.N1	10-AUG-2005 08:36:23	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18011	No
75	GOM_NL__2PRFIN20050810_083854_000000372039_00422_18011_5701.N1	10-AUG-2005 08:38:54	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	18011	No
76	GOM_NL__2PRFIN20050810_084314_000000372039_00422_18011_5702.N1	10-AUG-2005 08:43:14	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	18011	No
77	GOM_NL__2PRFIN20050810_084711_000000372039_00422_18011_5703.N1	10-AUG-2005 08:47:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18011	No
78	GOM_NL__2PRFIN20050810_084906_000000352039_00422_18011_5704.N1	10-AUG-2005 08:49:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18011	No
79	GOM_NL__2PRFIN20050810_092057_000000392039_00422_18011_5705.N1	10-AUG-2005 09:20:57	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	18011	No
80	GOM_NL__2PRFIN20050810_092224_000000402039_00422_18011_5706.N1	10-AUG-2005 09:22:24	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	18011	No
81	GOM_NL__2PRFIN20050810_092514_000000402039_00422_18011_5707.N1	10-AUG-2005 09:25:14	Dark	40.000	108	Alp Col	2.6520	15200.	80	18011	No
82	GOM_NL__2PRFIN20050810_092912_000000482039_00422_18011_5708.N1	10-AUG-2005 09:29:12	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	18011	No
83	GOM_NL__2PRFIN20050810_095842_000000362039_00423_18012_5993.N1	10-AUG-2005 09:58:42	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	18012	No
84	GOM_NL__2PRFIN20050810_100641_000000362039_00423_18012_5994.N1	10-AUG-2005 10:06:41	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18012	No
85	GOM_NL__2PRFIN20050810_100823_000000342039_00423_18012_5995.N1	10-AUG-2005 10:08:23	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	18012	No
86	GOM_NL__2PRFIN20050810_101531_000000392039_00423_18012_5996.N1	10-AUG-2005 10:15:31	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	18012	No
87	GOM_NL__2PRFIN20050810_101659_000000342039_00423_18012_5997.N1	10-AUG-2005 10:16:59	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	18012	No
88	GOM_NL__2PRFIN20050810_101930_000000372039_00423_18012_5998.N1	10-AUG-2005 10:19:30	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	18012	No
89	GOM_NL__2PRFIN20050810_102350_000000372039_00423_18012_5999.N1	10-AUG-2005 10:23:50	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	18012	No
90	GOM_NL__2PRFIN20050810_102747_000000362039_00423_18012_6000.N1	10-AUG-2005 10:27:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18012	No
91	GOM_NL__2PRFIN20050810_102942_000000352039_00423_18012_6001.N1	10-AUG-2005 10:29:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	18012	No
92	GOM_NL__2PRFIN20050810_110133_000000382039_00423_18012_6002.N1	10-AUG-2005 11:01:33	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	18012	No
93	GOM_NL__2PRFIN20050810_110300_000000402039_00423_18012_6003.N1	10-AUG-2005 11:03:00	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	18012	No
94	GOM_NL__2PRFIN20050810_110550_000000392039_00423_18012_6004.N1	10-AUG-2005 11:05:50	Dark	39.000	108	Alp Col	2.6520	15200.	78	18012	No
95	GOM_NL__2PRFIN20050810_110949_000000452039_00423_18012_6005.N1	10-AUG-2005 11:09:49	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18012	No
96	GOM_NL__2PRFIN20050810_112551_000000472039_00424_18013_5994.N1	10-AUG-2005 11:25:51	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	18013	No
97	GOM_NL__2PRFIN20050810_112841_000000382039_00424_18013_5995.N1	10-AUG-2005 11:28:41	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18013	No
98	GOM_NL__2PRFIN20050810_113654_000000402039_00424_18013_5996.N1	10-AUG-2005 11:36:54	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	18013	No
99	GOM_NL__2PRFIN20050810_113918_000000352039_00424_18013_5997.N1	10-AUG-2005 11:39:18	Bright	35.000	155	41Pi Sgr	2.9000	6600.0	70	18013	No
100	GOM_NL__2PRFIN20050810_114717_000000352039_00424_18013_5998.N1	10-AUG-2005 11:47:17	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18013	No
101	GOM_NL__2PRFIN20050810_114859_000000362039_00424_18013_5999.N1	10-AUG-2005 11:48:59	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18013	No

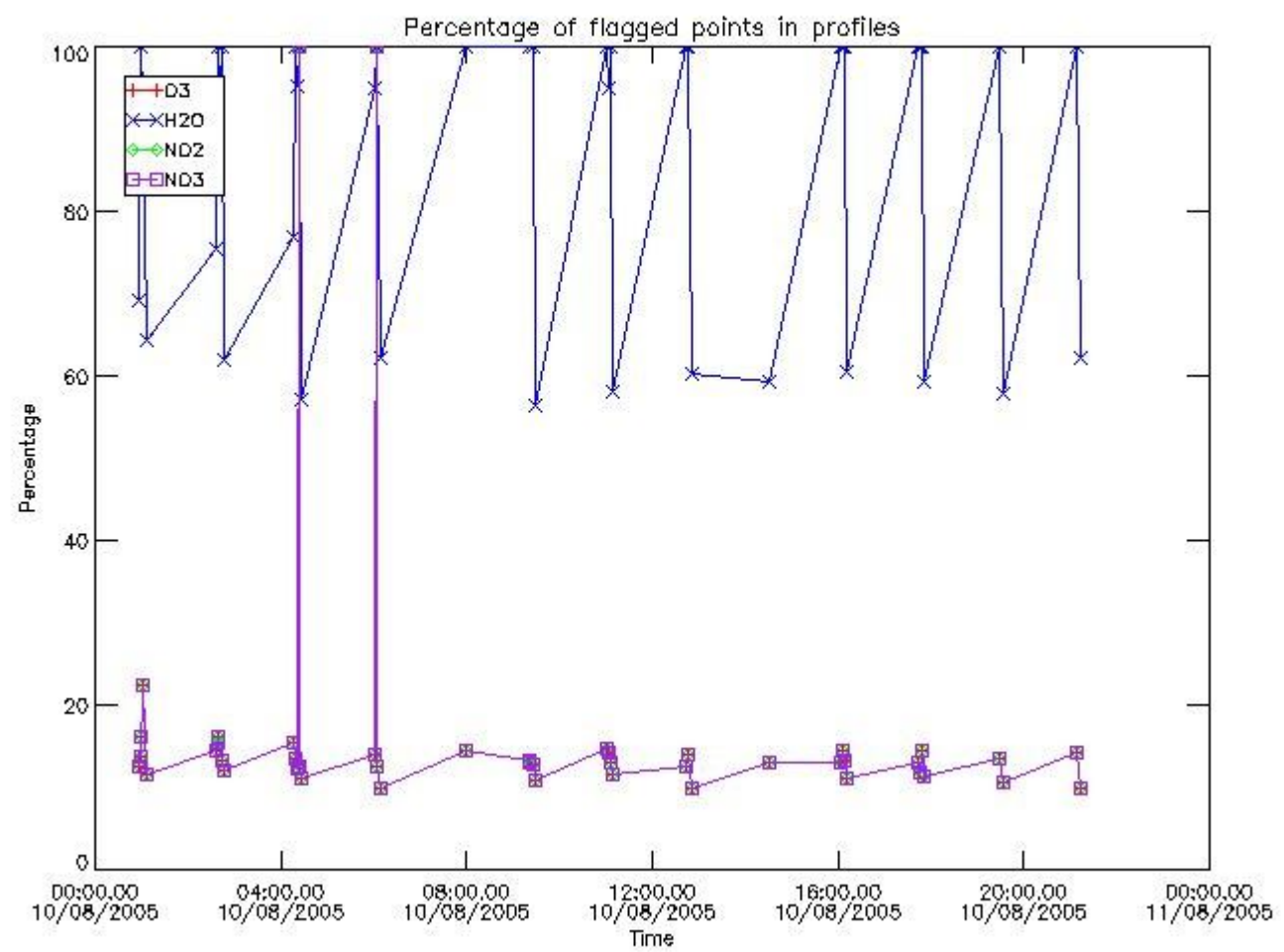
102	GOM_NL__2PRFIN20050810_115607_000000412039_00424_18013_6000.N1	10-AUG-2005 11:56:07	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	18013	No
103	GOM_NL__2PRFIN20050810_115735_000000352039_00424_18013_6001.N1	10-AUG-2005 11:57:35	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18013	No
104	GOM_NL__2PRFIN20050810_120006_000000392039_00424_18013_6002.N1	10-AUG-2005 12:00:06	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	18013	No
105	GOM_NL__2PRFIN20050810_120426_000000362039_00424_18013_6003.N1	10-AUG-2005 12:04:26	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	18013	No
106	GOM_NL__2PRFIN20050810_120823_000000362039_00424_18013_6004.N1	10-AUG-2005 12:08:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18013	No
107	GOM_NL__2PRFIN20050810_121017_000000362039_00424_18013_6005.N1	10-AUG-2005 12:10:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18013	No
108	GOM_NL__2PRFIN20050810_124336_000000412039_00424_18013_6006.N1	10-AUG-2005 12:43:36	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	18013	No
109	GOM_NL__2PRFIN20050810_124626_000000402039_00424_18013_6007.N1	10-AUG-2005 12:46:26	Dark	40.000	108	Alp Col	2.6520	15200.	80	18013	No
110	GOM_NL__2PRFIN20050810_125025_000000522039_00424_18013_6008.N1	10-AUG-2005 12:50:25	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18013	No
111	GOM_NL__2PRFIN20050810_130917_000000422039_00425_18014_6016.N1	10-AUG-2005 13:09:17	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	18014	No
112	GOM_NL__2PRFIN20050810_131730_000000412039_00425_18014_6017.N1	10-AUG-2005 13:17:30	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	18014	No
113	GOM_NL__2PRFIN20050810_131954_000000382039_00425_18014_6018.N1	10-AUG-2005 13:19:54	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	18014	No
114	GOM_NL__2PRFIN20050810_132753_000000362039_00425_18014_6019.N1	10-AUG-2005 13:27:53	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18014	No
115	GOM_NL__2PRFIN20050810_133643_000000522039_00425_18014_6020.N1	10-AUG-2005 13:36:43	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	18014	No
116	GOM_NL__2PRFIN20050810_133811_000000362039_00425_18014_6021.N1	10-AUG-2005 13:38:11	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18014	No
117	GOM_NL__2PRFIN20050810_134042_000000382039_00425_18014_6022.N1	10-AUG-2005 13:40:42	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	18014	No
118	GOM_NL__2PRFIN20050810_134503_000000382039_00425_18014_6023.N1	10-AUG-2005 13:45:03	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	18014	No
119	GOM_NL__2PRFIN20050810_134859_000000362039_00425_18014_6024.N1	10-AUG-2005 13:48:59	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18014	No
120	GOM_NL__2PRFIN20050810_135053_000000332039_00425_18014_6025.N1	10-AUG-2005 13:50:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	18014	No
121	GOM_NL__2PRFIN20050810_143101_000000472039_00425_18014_6026.N1	10-AUG-2005 14:31:01	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	18014	No
122	GOM_NL__2PRFIN20050810_152936_000000332039_00426_18015_5718.N1	10-AUG-2005 15:29:36	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18015	No
123	GOM_NL__2PRFIN20050810_153129_000000362039_00426_18015_5719.N1	10-AUG-2005 15:31:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	18015	No
124	GOM_NL__2PRFIN20050810_160321_000000392039_00426_18015_5720.N1	10-AUG-2005 16:03:21	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18015	No
125	GOM_NL__2PRFIN20050810_160449_000000432039_00426_18015_5721.N1	10-AUG-2005 16:04:49	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	18015	No
126	GOM_NL__2PRFIN20050810_160739_000000392039_00426_18015_5722.N1	10-AUG-2005 16:07:39	Dark	38.500	108	Alp Col	2.6520	15200.	77	18015	No
127	GOM_NL__2PRFIN20050810_161137_000000462039_00426_18015_5723.N1	10-AUG-2005 16:11:37	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	18015	No
128	GOM_NL__2PRFIN20050810_164905_000000392039_00427_18016_5719.N1	10-AUG-2005 16:49:05	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18016	No
129	GOM_NL__2PRFIN20050810_165047_000000362039_00427_18016_5720.N1	10-AUG-2005 16:50:47	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18016	No
130	GOM_NL__2PRFIN20050810_165756_000000362039_00427_18016_5721.N1	10-AUG-2005 16:57:56	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	18016	No
131	GOM_NL__2PRFIN20050810_165923_000000352039_00427_18016_5722.N1	10-AUG-2005 16:59:23	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18016	No
132	GOM_NL__2PRFIN20050810_170154_000000352039_00427_18016_5723.N1	10-AUG-2005 17:01:54	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	18016	No
133	GOM_NL__2PRFIN20050810_170615_000000372039_00427_18016_5724.N1	10-AUG-2005 17:06:15	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	18016	No
134	GOM_NL__2PRFIN20050810_171012_000000352039_00427_18016_5725.N1	10-AUG-2005 17:10:12	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18016	No
135	GOM_NL__2PRFIN20050810_171205_000000352039_00427_18016_5726.N1	10-AUG-2005 17:12:05	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18016	No
136	GOM_NL__2PRFIN20050810_174357_000000392039_00427_18016_5727.N1	10-AUG-2005 17:43:57	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	18016	No
137	GOM_NL__2PRFIN20050810_174525_000000432039_00427_18016_5728.N1	10-AUG-2005 17:45:25	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	18016	No
138	GOM_NL__2PRFIN20050810_174816_000000392039_00427_18016_5729.N1	10-AUG-2005 17:48:16	Dark	38.500	108	Alp Col	2.6520	15200.	77	18016	No
139	GOM_NL__2PRFIN20050810_175213_000000492039_00427_18016_5730.N1	10-AUG-2005 17:52:13	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	18016	No
140	GOM_NL__2PRFIN20050810_181105_000000382039_00428_18017_5720.N1	10-AUG-2005 18:11:05	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18017	No
141	GOM_NL__2PRFIN20050810_181919_000000402039_00428_18017_5721.N1	10-AUG-2005 18:19:19	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	18017	No
142	GOM_NL__2PRFIN20050810_182142_000000372039_00428_18017_5722.N1	10-AUG-2005 18:21:42	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	18017	No
143	GOM_NL__2PRFIN20050810_182941_000000372039_00428_18017_5723.N1	10-AUG-2005 18:29:41	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18017	No
144	GOM_NL__2PRFIN20050810_183123_000000352039_00428_18017_5724.N1	10-AUG-2005 18:31:23	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18017	No
145	GOM_NL__2PRFIN20050810_183832_000000392039_00428_18017_5725.N1	10-AUG-2005 18:38:32	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	18017	No
146	GOM_NL__2PRFIN20050810_183959_000000352039_00428_18017_5726.N1	10-AUG-2005 18:39:59	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18017	No
147	GOM_NL__2PRFIN20050810_184231_000000392039_00428_18017_5727.N1	10-AUG-2005 18:42:31	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	18017	No
148	GOM_NL__2PRFIN20050810_184652_000000382039_00428_18017_5728.N1	10-AUG-2005 18:46:52	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	18017	No
149	GOM_NL__2PRFIN20050810_185048_000000352039_00428_18017_5729.N1	10-AUG-2005 18:50:48	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18017	No
150	GOM_NL__2PRFIN20050810_185241_000000392039_00428_18017_5730.N1	10-AUG-2005 18:52:41	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	18017	No
151	GOM_NL__2PRFIN20050810_192852_000000382039_00428_18017_5731.N1	10-AUG-2005 19:28:52	Dark	38.000	108	Alp Col	2.6520	15200.	76	18017	No
152	GOM_NL__2PRFIN20050810_193249_000000482039_00428_18017_5732.N1	10-AUG-2005 19:32:49	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	18017	No
153	GOM_NL__2PRFIN20050810_201017_000000362039_00429_18018_5724.N1	10-AUG-2005 20:10:17	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18018	No
154	GOM_NL__2PRFIN20050810_201159_000000362039_00429_18018_5725.N1	10-AUG-2005 20:11:59	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18018	No
155	GOM_NL__2PRFIN20050810_201908_000000352039_00429_18018_5726.N1	10-AUG-2005 20:19:08	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	18018	No
156	GOM_NL__2PRFIN20050810_202034_000000352039_00429_18018_5727.N1	10-AUG-2005 20:20:34	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18018	No
157	GOM_NL__2PRFIN20050810_202307_000000382039_00429_18018_5728.N1	10-AUG-2005 20:23:07	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	18018	No
158	GOM_NL__2PRFIN20050810_202728_000000372039_00429_18018_5729.N1	10-AUG-2005 20:27:28	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	18018	No
159	GOM_NL__2PRFIN20050810_203124_000000372039_00429_18018_5730.N1	10-AUG-2005 20:31:24	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18018	No
160	GOM_NL__2PRFIN20050810_203317_000000362039_00429_18018_5731.N1	10-AUG-2005 20:33:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18018	No

161	GOM_NL__2PRFIN20050810_210928_000000402039_00429_18018_5732.N1	10-AUG-2005 21:09:28	Dark	39.500	108	Alp Col	2.6520	15200.	79	18018	No
162	GOM_NL__2PRFIN20050810_211325_000000522039_00429_18018_5733.N1	10-AUG-2005 21:13:25	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18018	No
163	GOM_NL__2PRFIN20050810_215053_000000362039_00430_18019_6014.N1	10-AUG-2005 21:50:53	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18019	No
164	GOM_NL__2PRFIN20050810_215235_000000362039_00430_18019_6015.N1	10-AUG-2005 21:52:35	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	18019	No
165	GOM_NL__2PRFIN20050810_215944_000000352039_00430_18019_6016.N1	10-AUG-2005 21:59:44	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	18019	No
166	GOM_NL__2PRFIN20050810_220110_000000342039_00430_18019_6017.N1	10-AUG-2005 22:01:10	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	18019	No
167	GOM_NL__2PRFIN20050810_220343_000000392039_00430_18019_6018.N1	10-AUG-2005 22:03:43	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	18019	No
168	GOM_NL__2PRFIN20050810_220804_000000382039_00430_18019_6019.N1	10-AUG-2005 22:08:04	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	18019	No
169	GOM_NL__2PRFIN20050810_221201_000000342039_00430_18019_6020.N1	10-AUG-2005 22:12:01	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18019	No
170	GOM_NL__2PRFIN20050810_221353_000000362039_00430_18019_6021.N1	10-AUG-2005 22:13:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	18019	No
171	GOM_NL__2PRFIN20050810_232330_000000372039_00431_18020_5729.N1	10-AUG-2005 23:23:30	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	18020	No
172	GOM_NL__2PRFIN20050810_233129_000000372039_00431_18020_5730.N1	10-AUG-2005 23:31:29	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18020	No
173	GOM_NL__2PRFIN20050810_233311_000000352039_00431_18020_5731.N1	10-AUG-2005 23:33:11	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	18020	No
174	GOM_NL__2PRFIN20050810_234020_000000342039_00431_18020_5732.N1	10-AUG-2005 23:40:20	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	18020	No
175	GOM_NL__2PRFIN20050810_234146_000000352039_00431_18020_5733.N1	10-AUG-2005 23:41:46	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18020	No
176	GOM_NL__2PRFIN20050810_234419_000000402039_00431_18020_5734.N1	10-AUG-2005 23:44:19	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	18020	No
177	GOM_NL__2PRFIN20050810_234841_000000542039_00431_18020_5735.N1	10-AUG-2005 23:48:41	Bright	54.000	119	14Eta Dra	2.7270	4700.0	108	18020	No
178	GOM_NL__2PRFIN20050810_235237_000000342039_00431_18020_5736.N1	10-AUG-2005 23:52:37	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18020	No
179	GOM_NL__2PRFIN20050810_235429_000000352039_00431_18020_5737.N1	10-AUG-2005 23:54:29	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	18020	No

3. Quality information per product

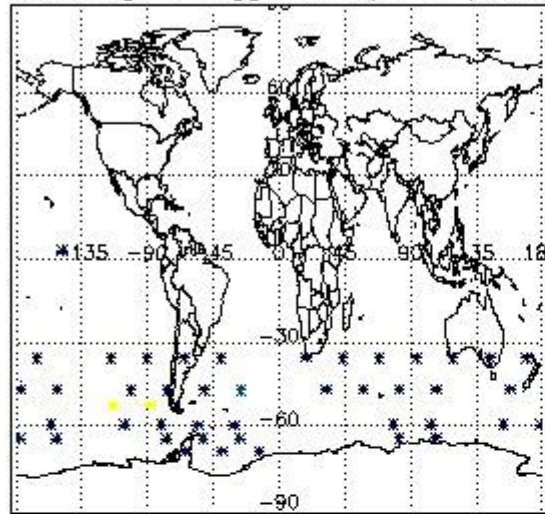
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

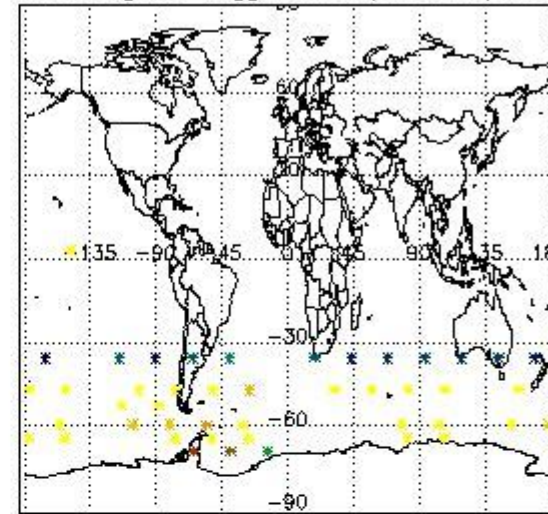


3.2 Plot quality information per product (world map)

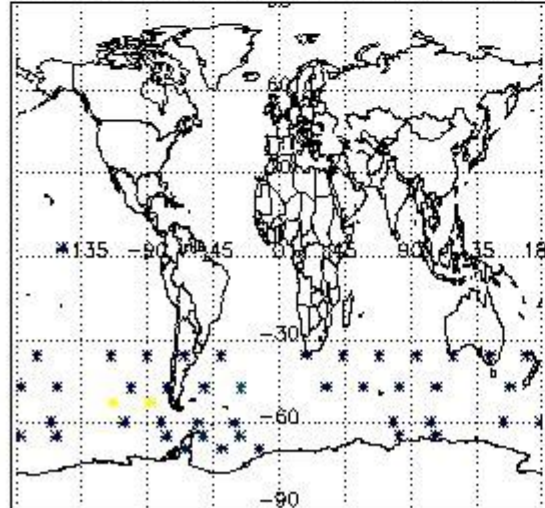
Percentage of flagged data per O3 profile



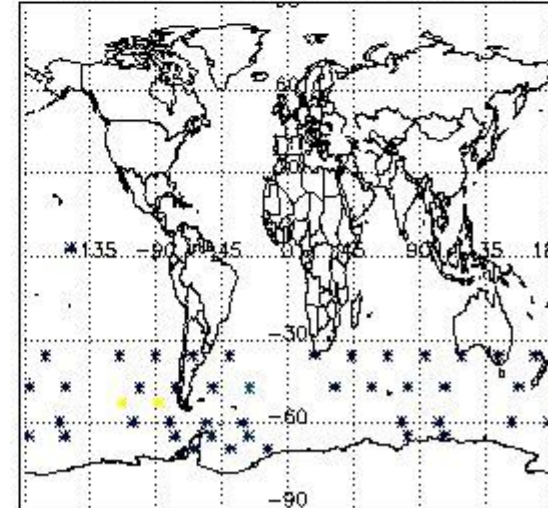
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

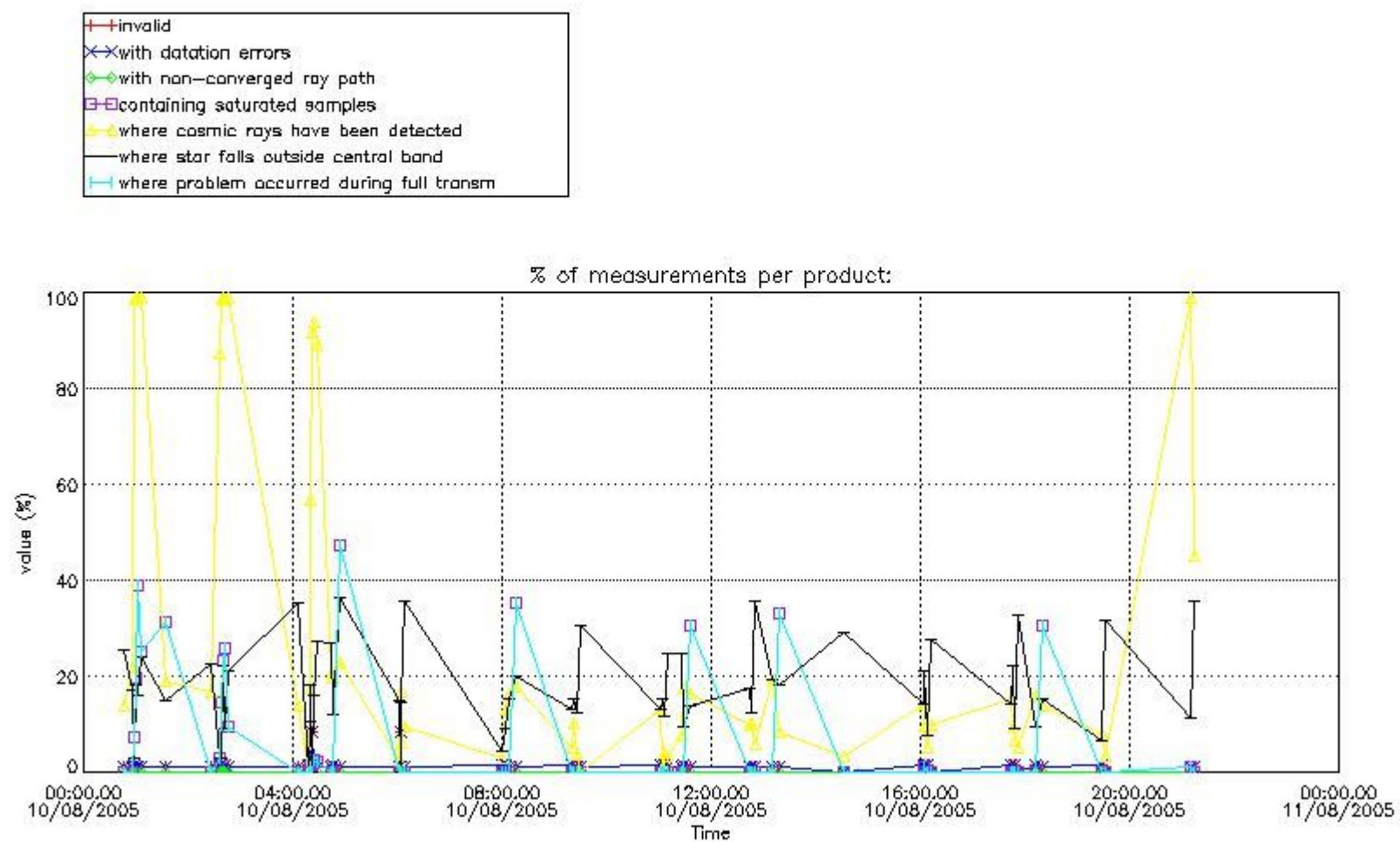


4. Level 1 quality information per product

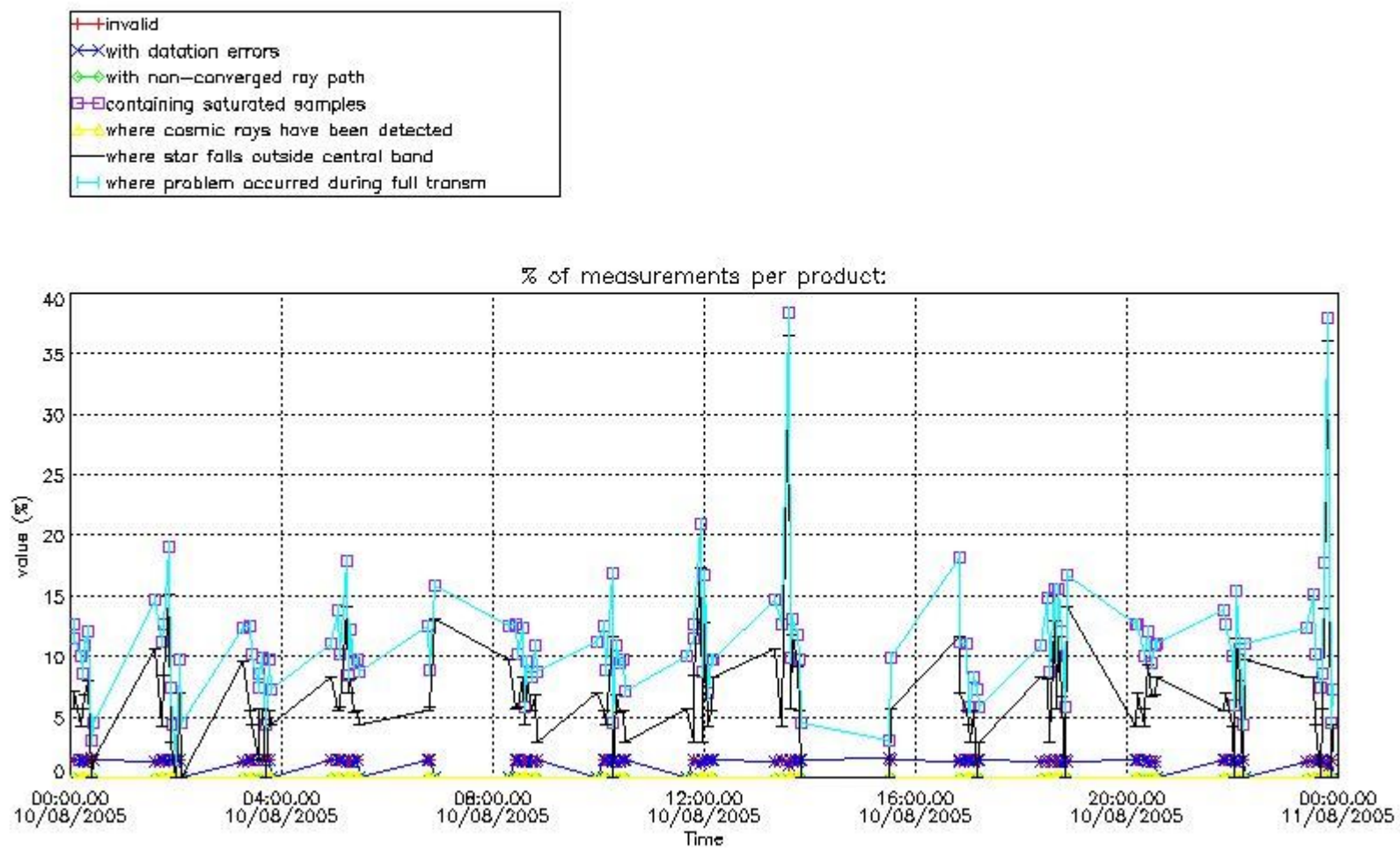
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



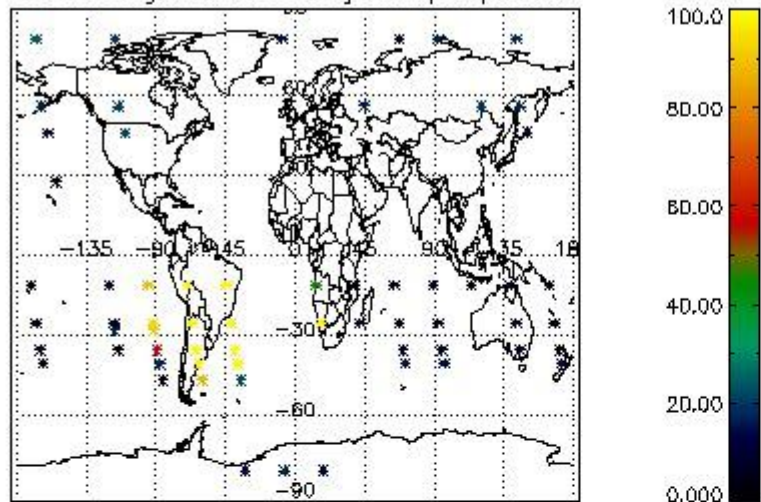
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



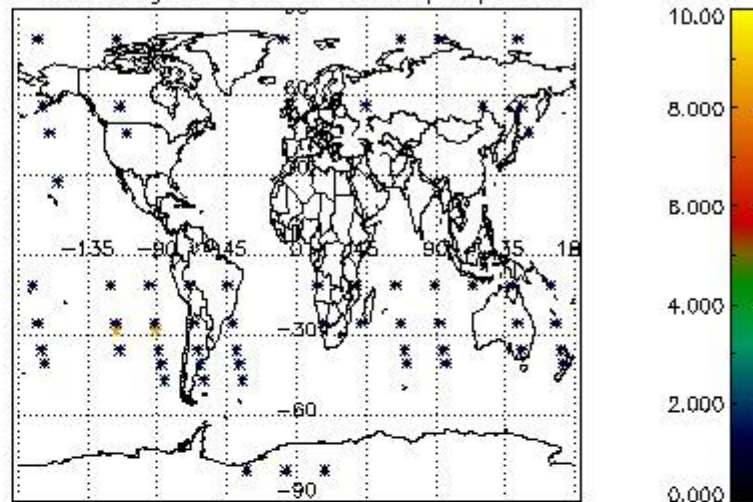
4.2 Plot quality information per product coming from level 1b processing (world map)

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

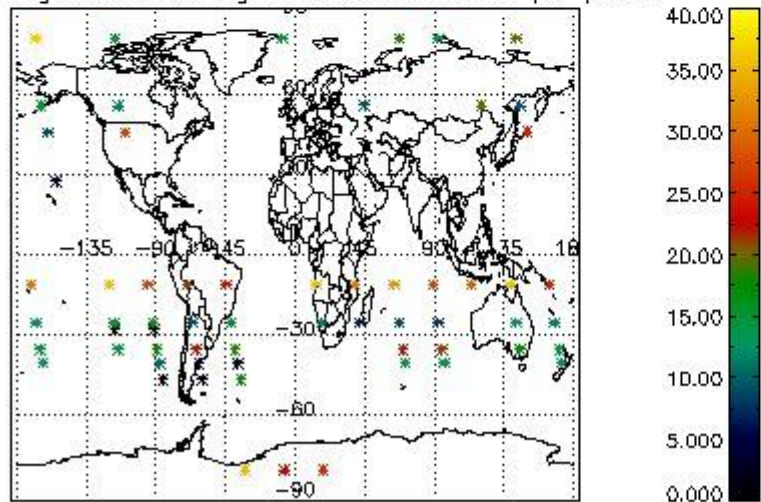
Percentage of cosmic ray hits per profile



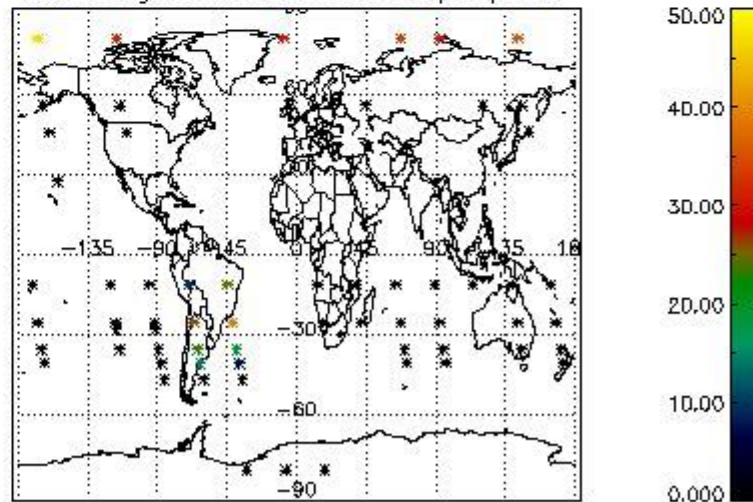
Percentage of datation errors per profile



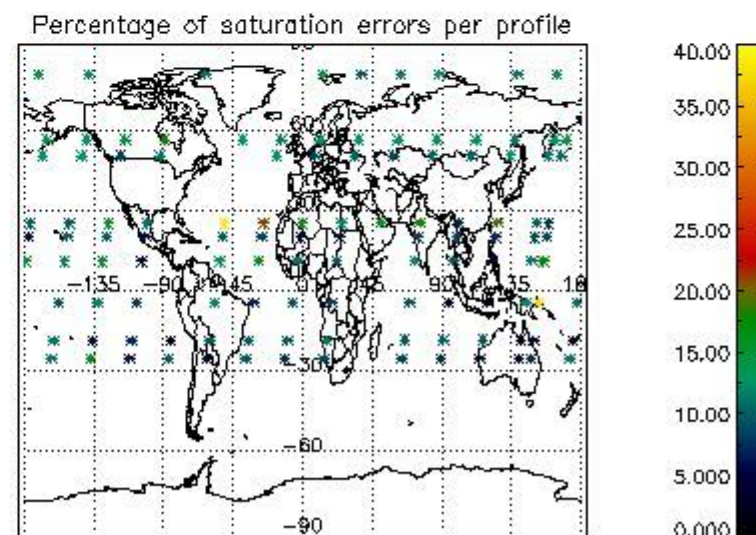
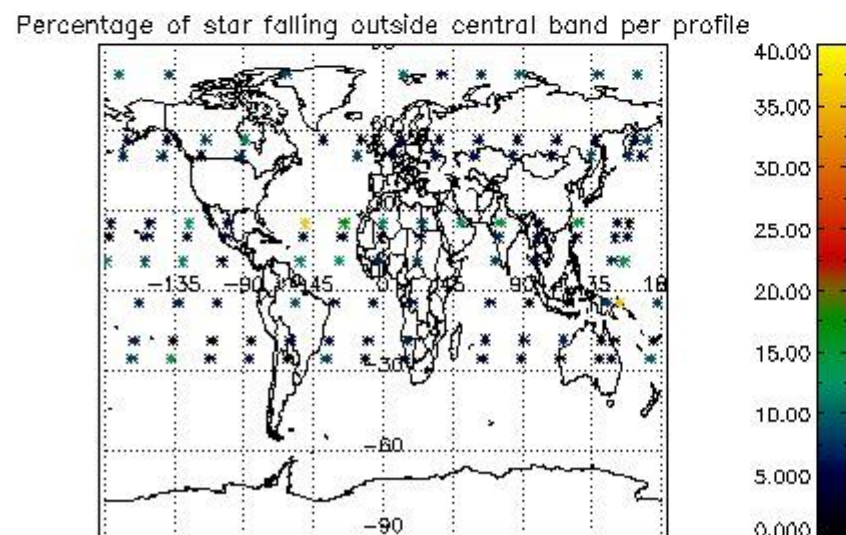
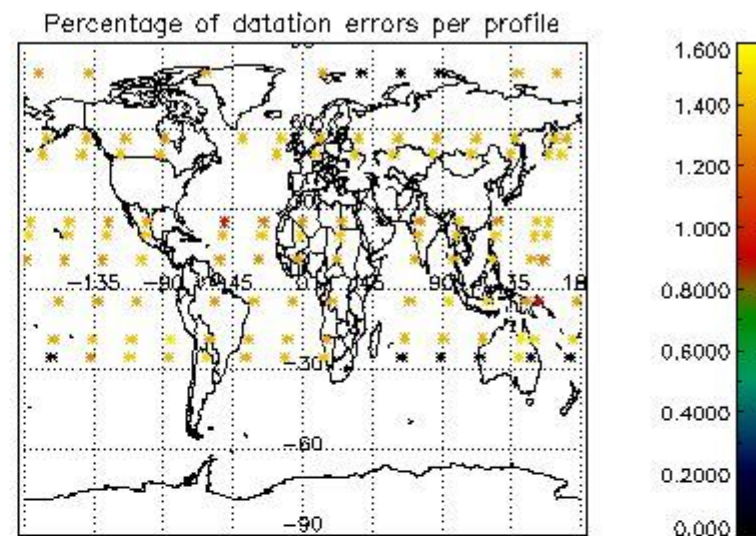
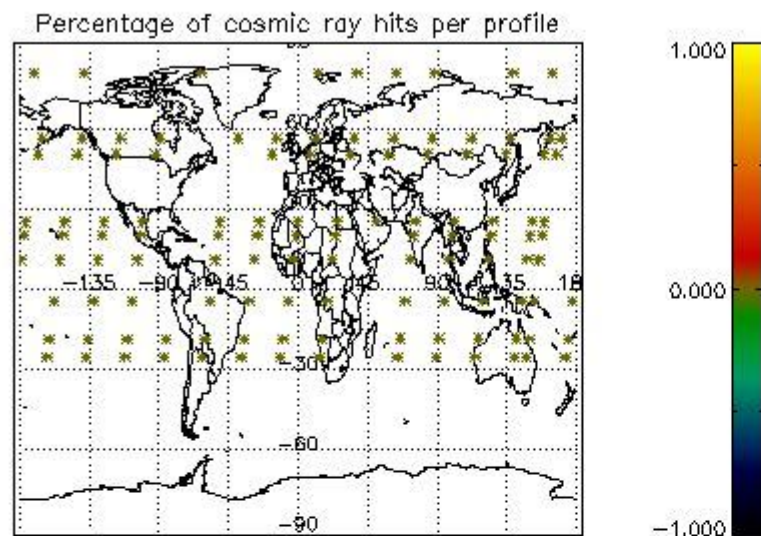
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

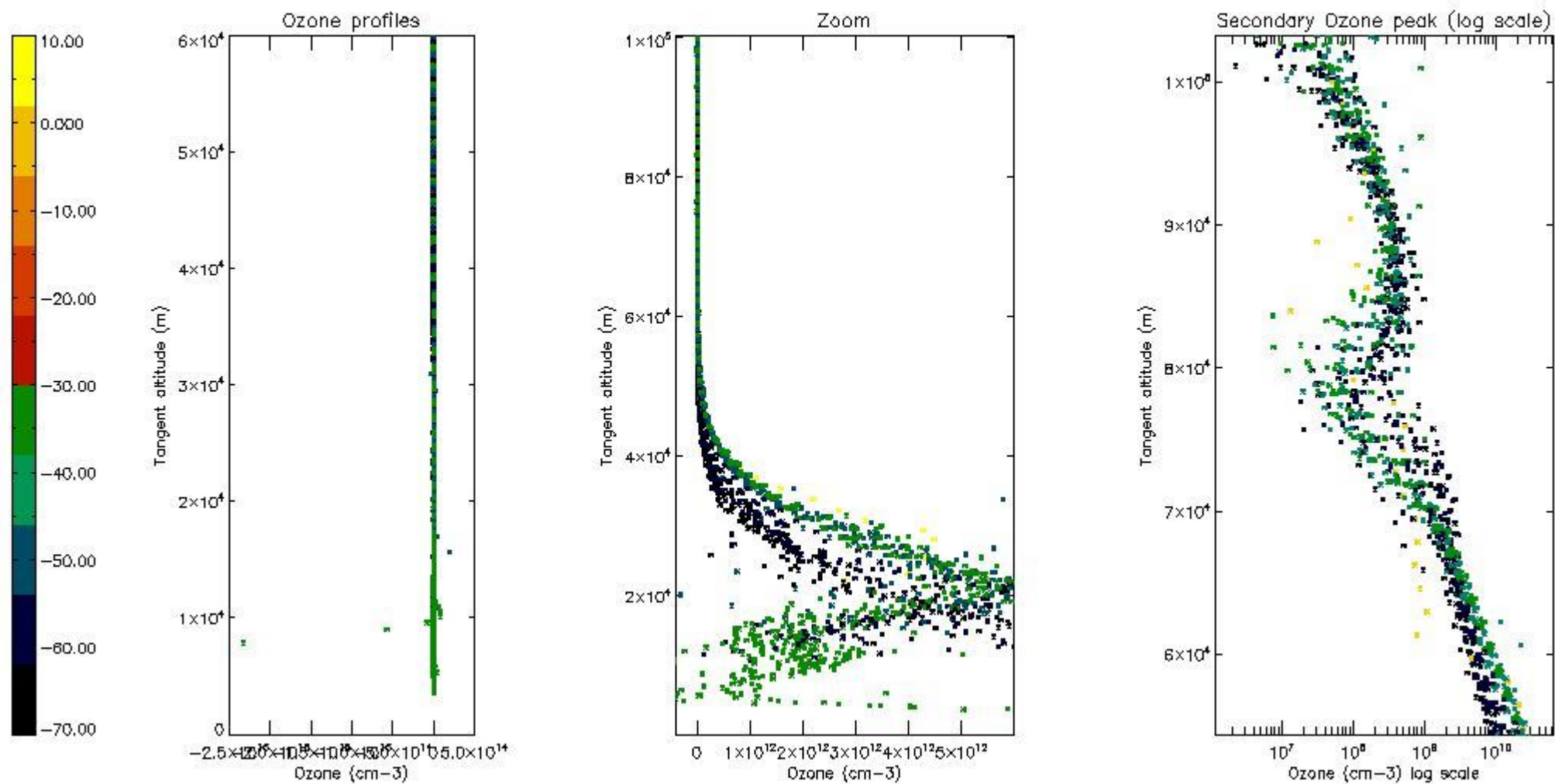
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	19

STD < 10	15
STD < 5	12

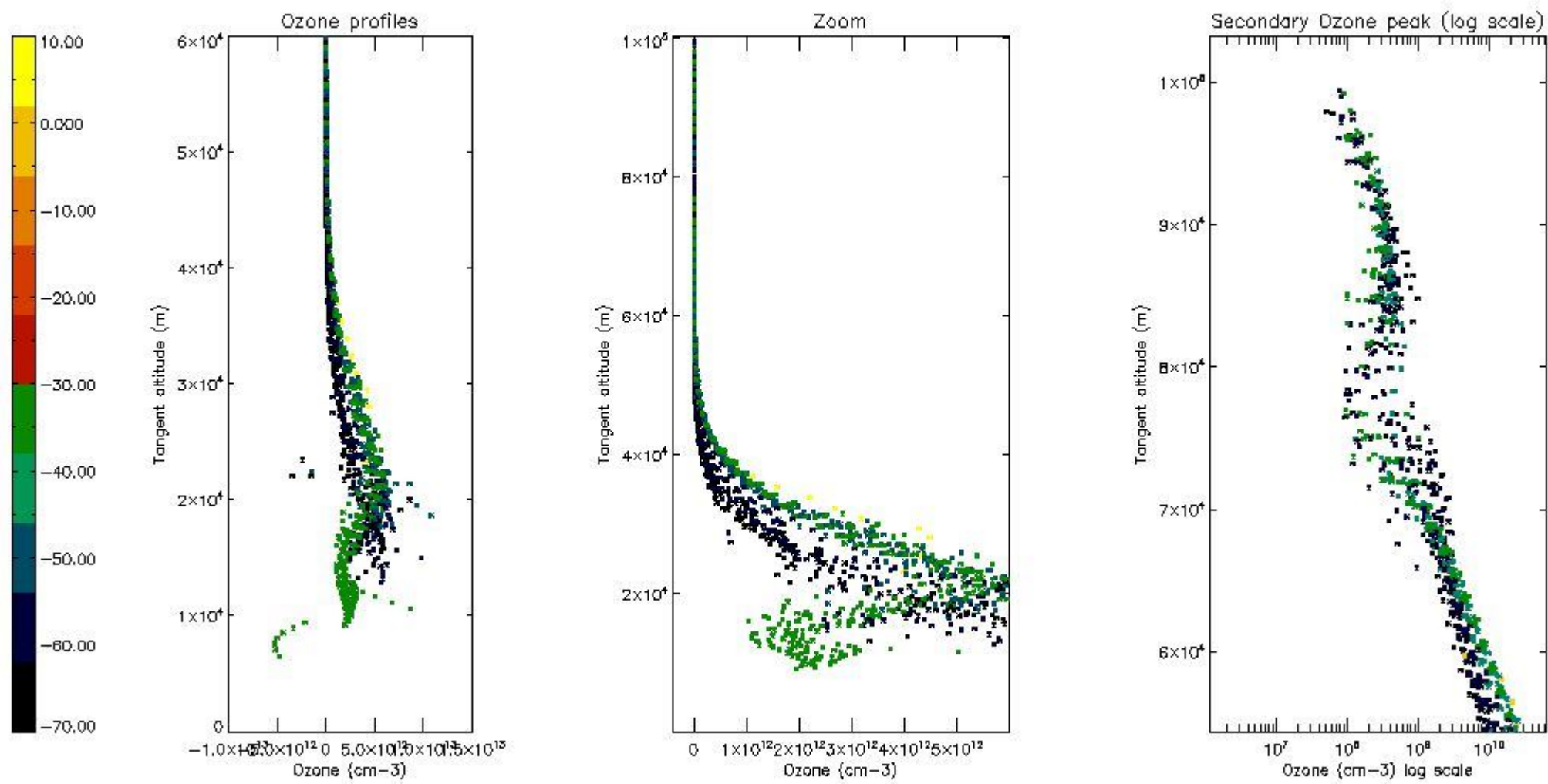
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



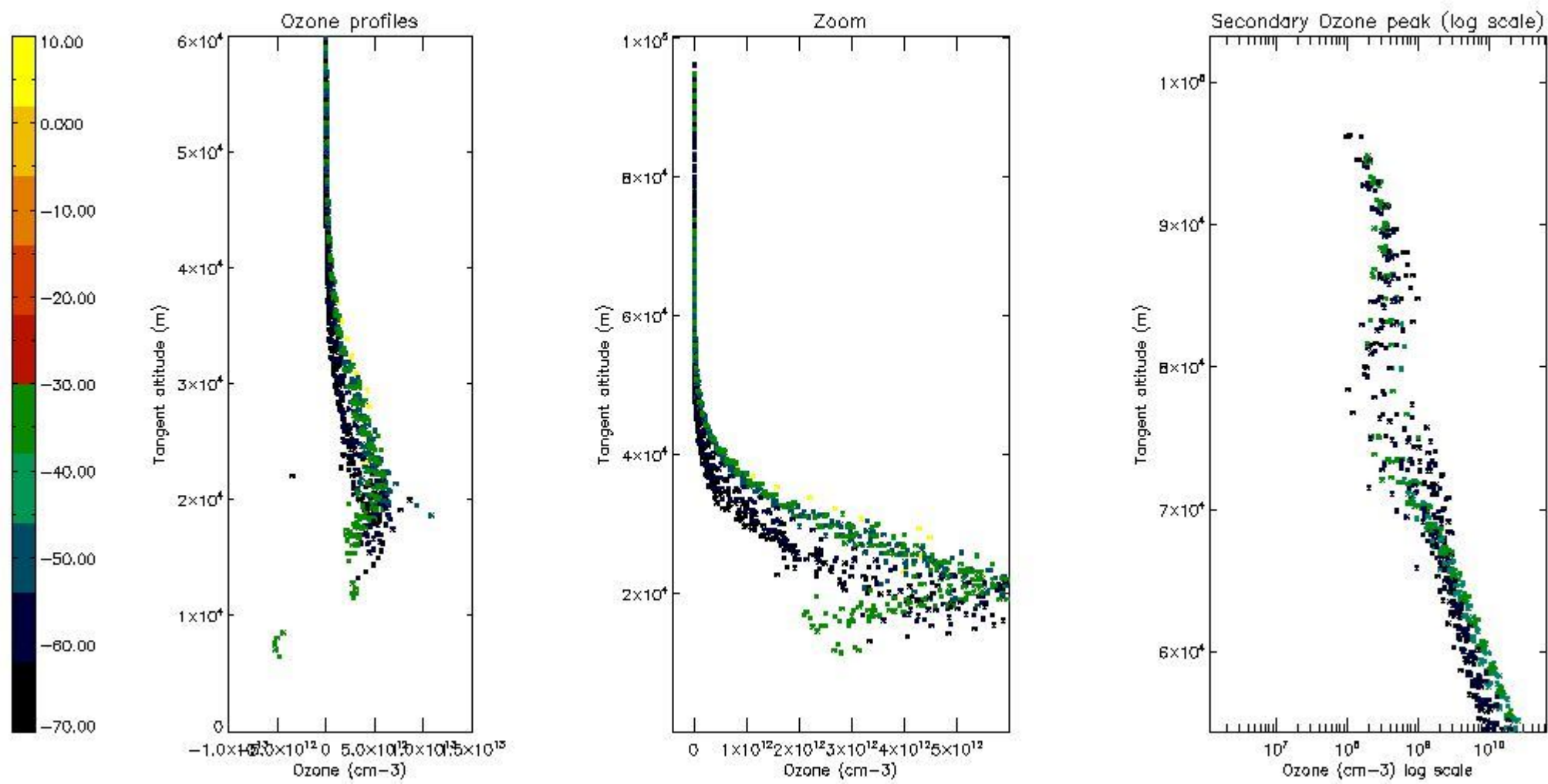
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



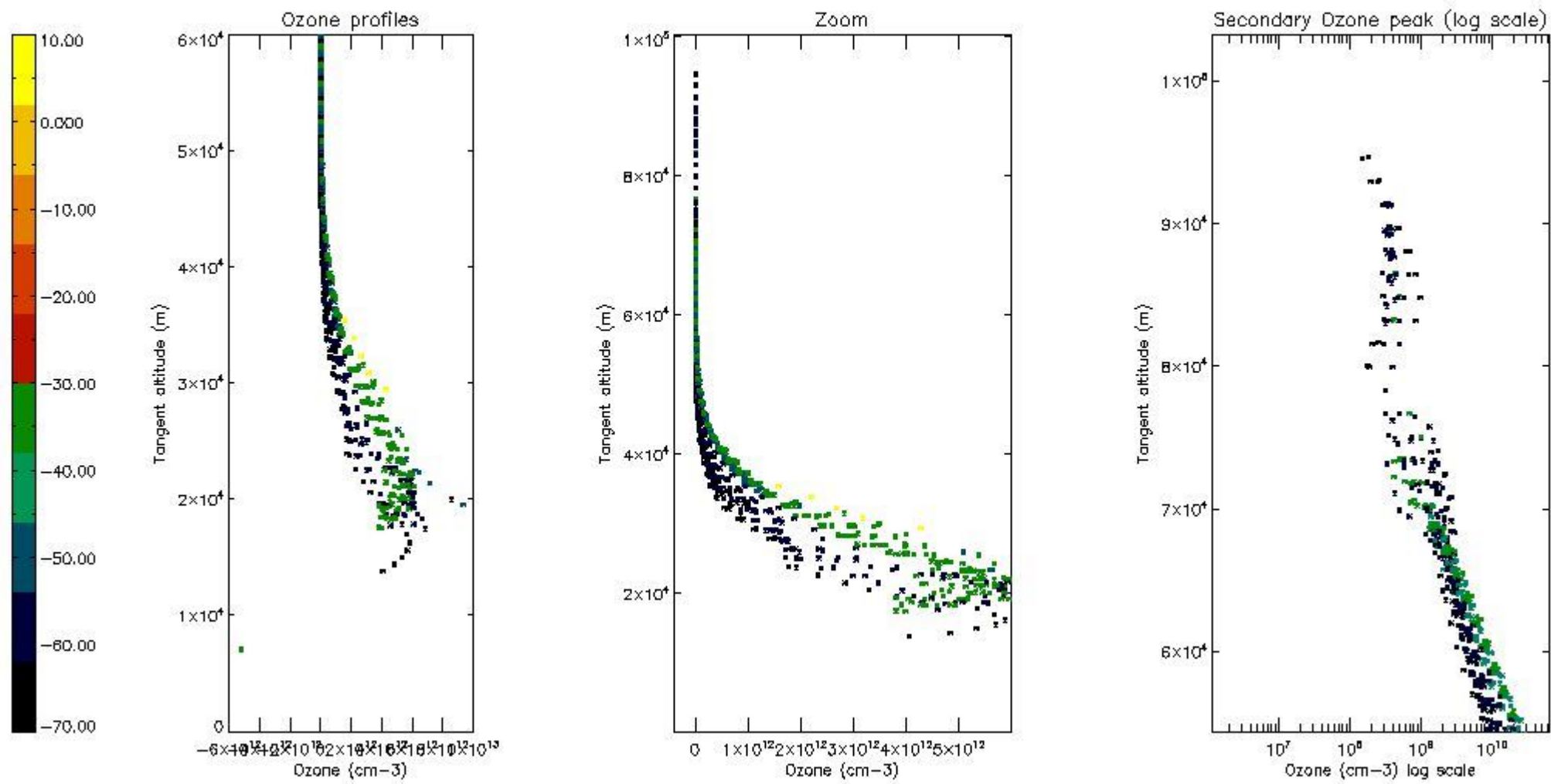
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



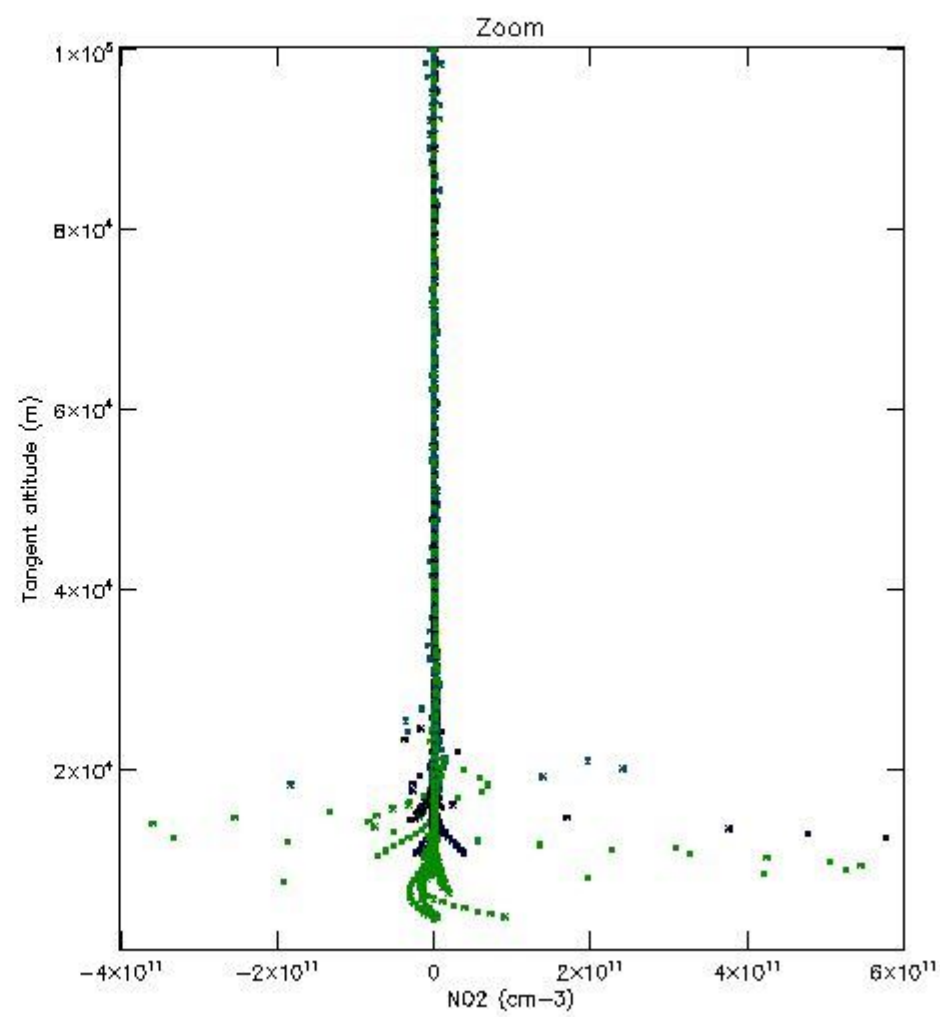
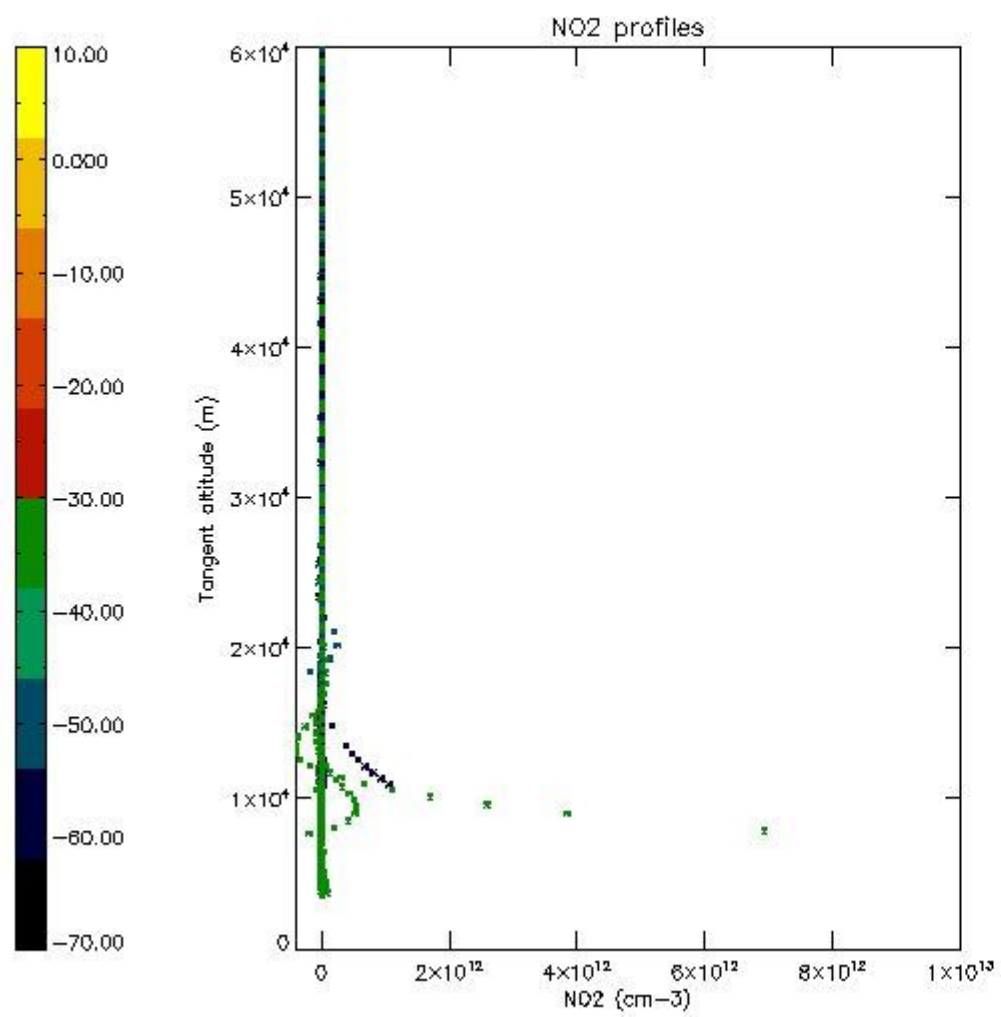
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



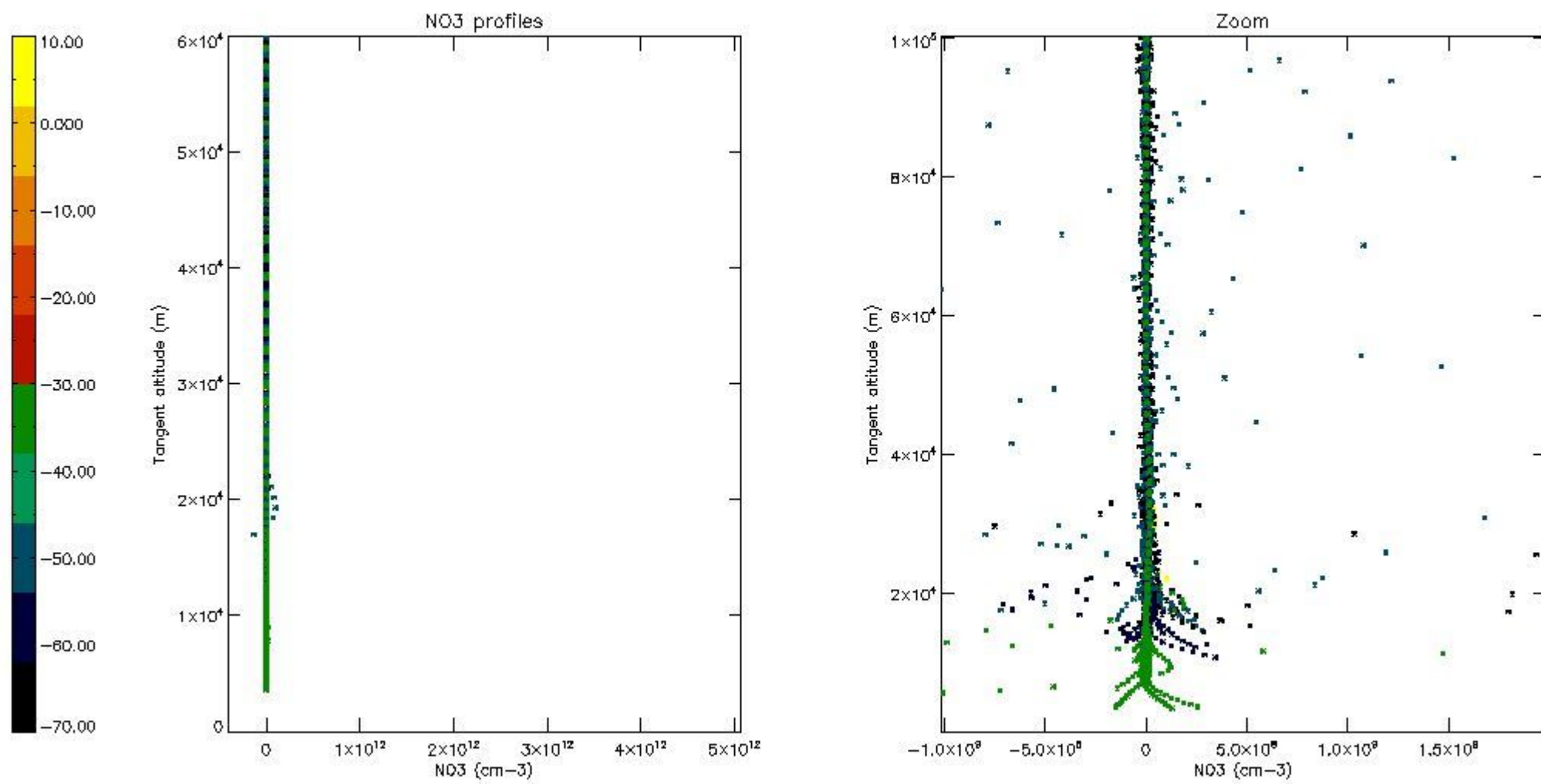
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



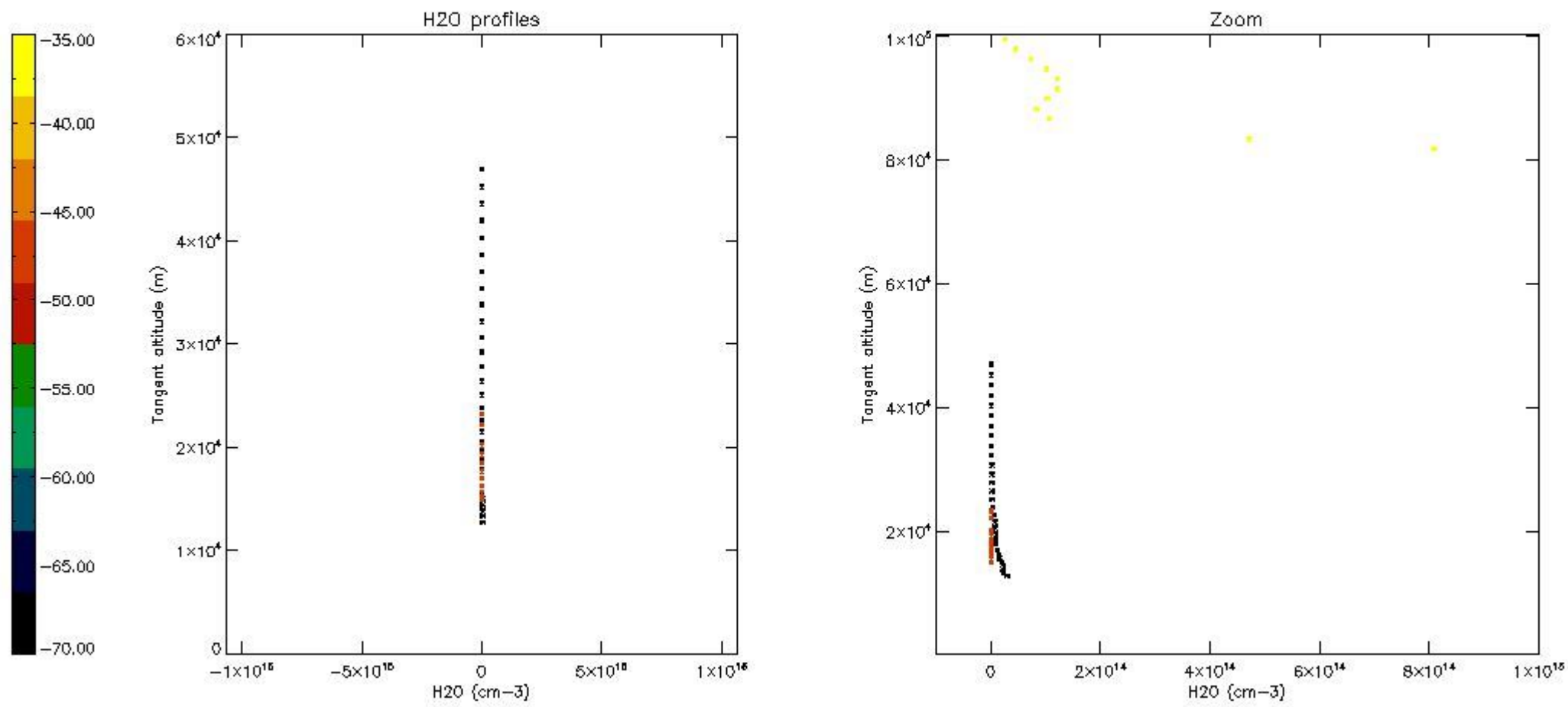
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

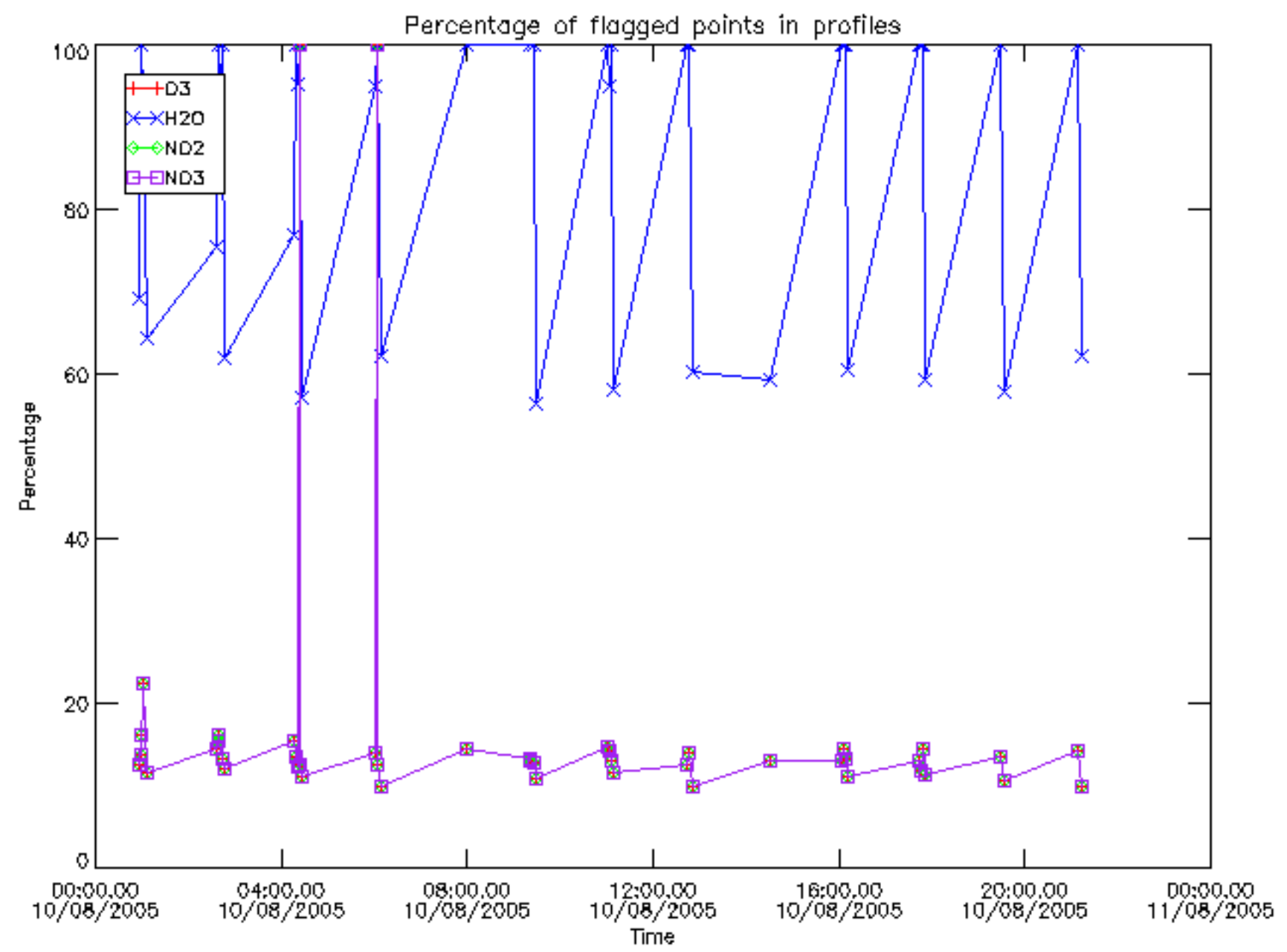
The colorbar represents the latitude.



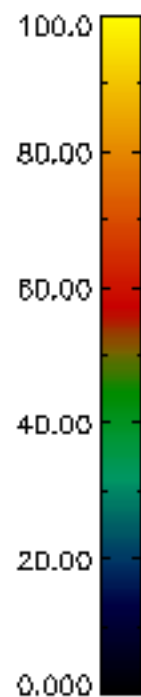
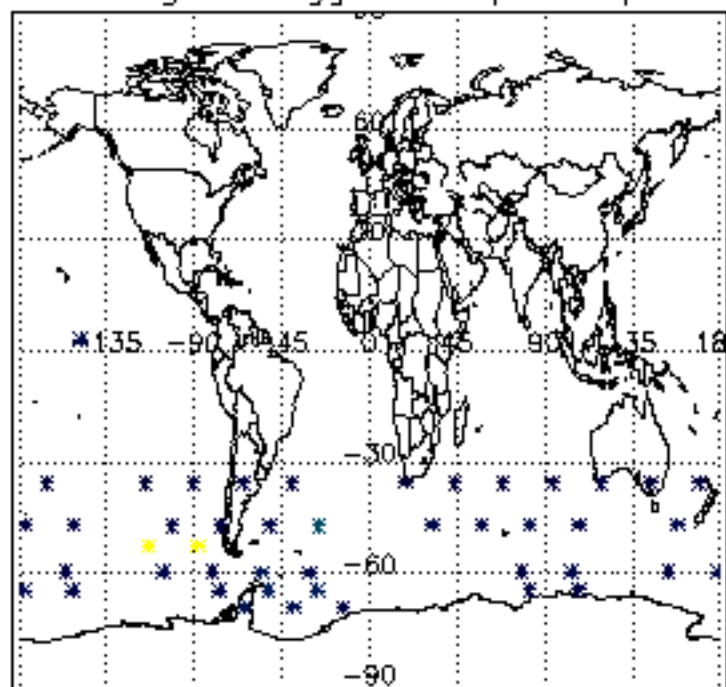
6. Auxiliary Data Files used for the production reported in section 2

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.

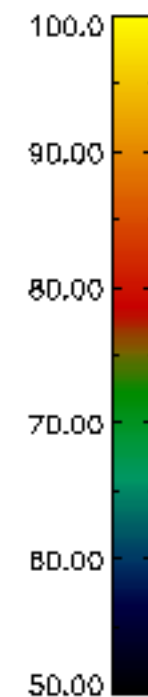
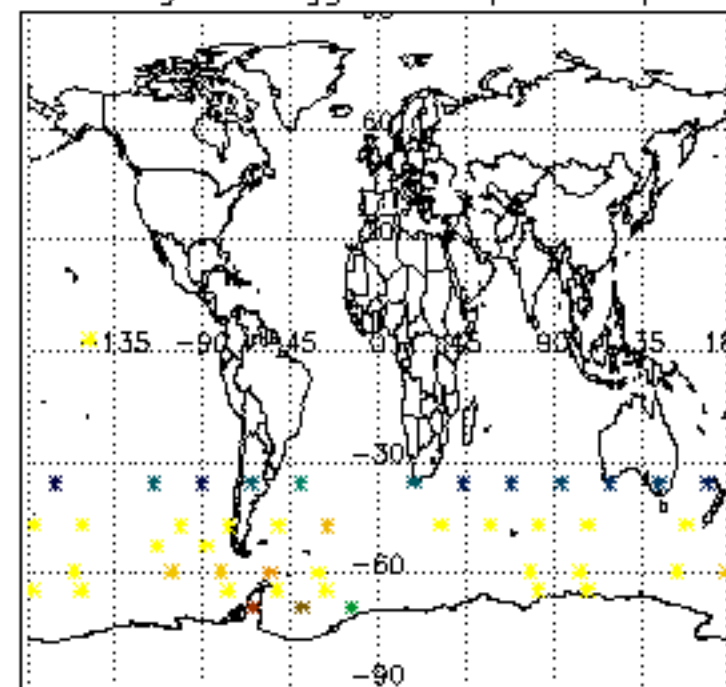
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-AUG-2005 00:03:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-AUG-2005 00:03:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-AUG-2005 00:03:05



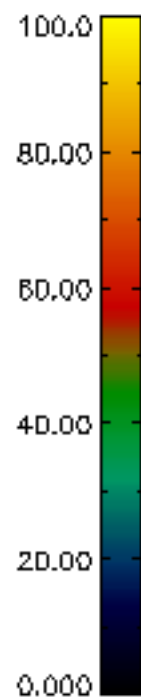
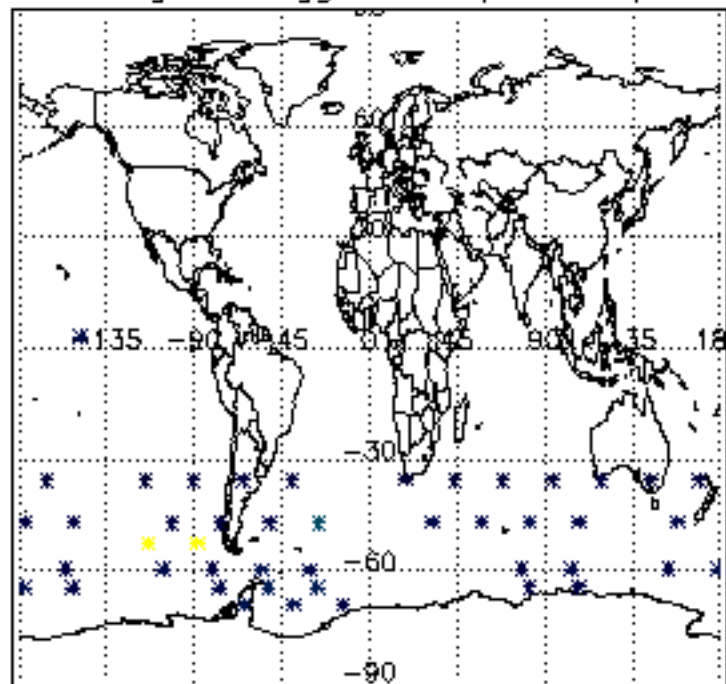
Percentage of flagged data per D3 profile



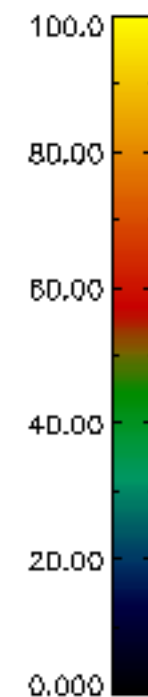
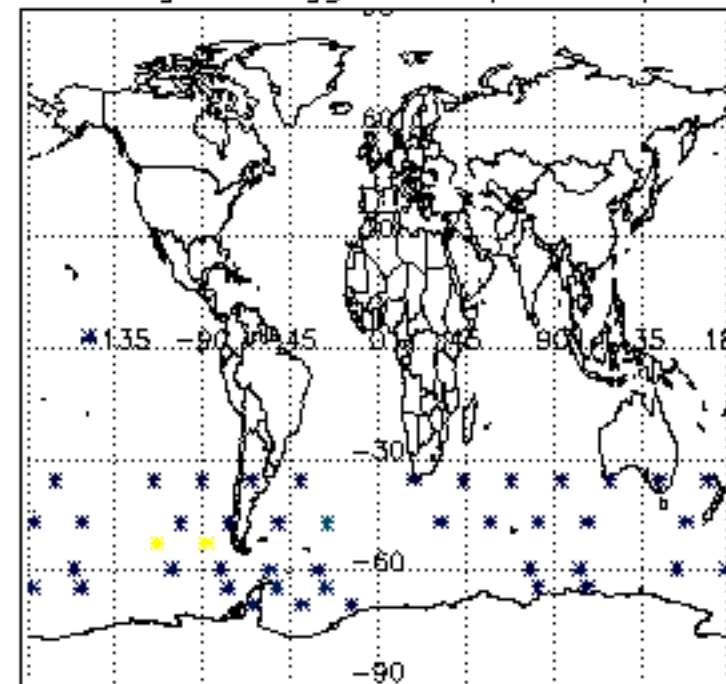
Percentage of flagged data per H2O profile

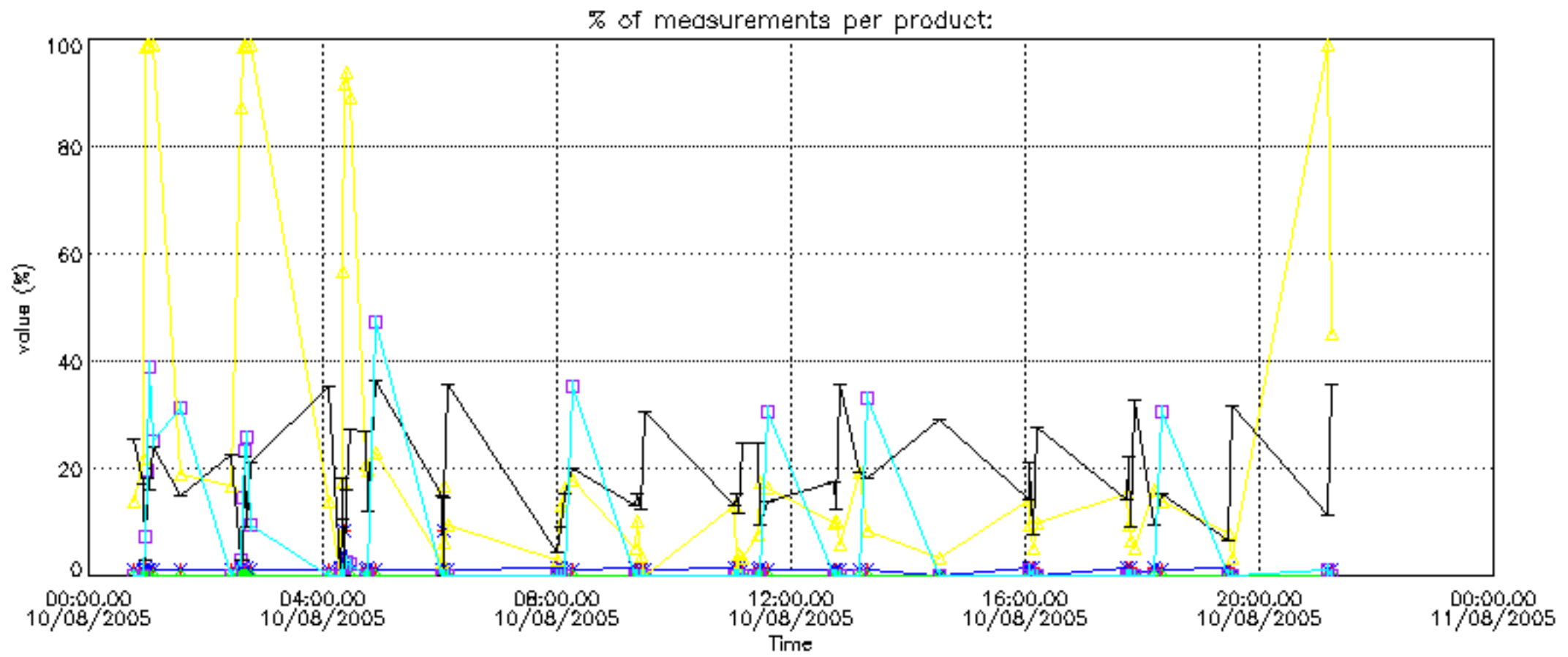


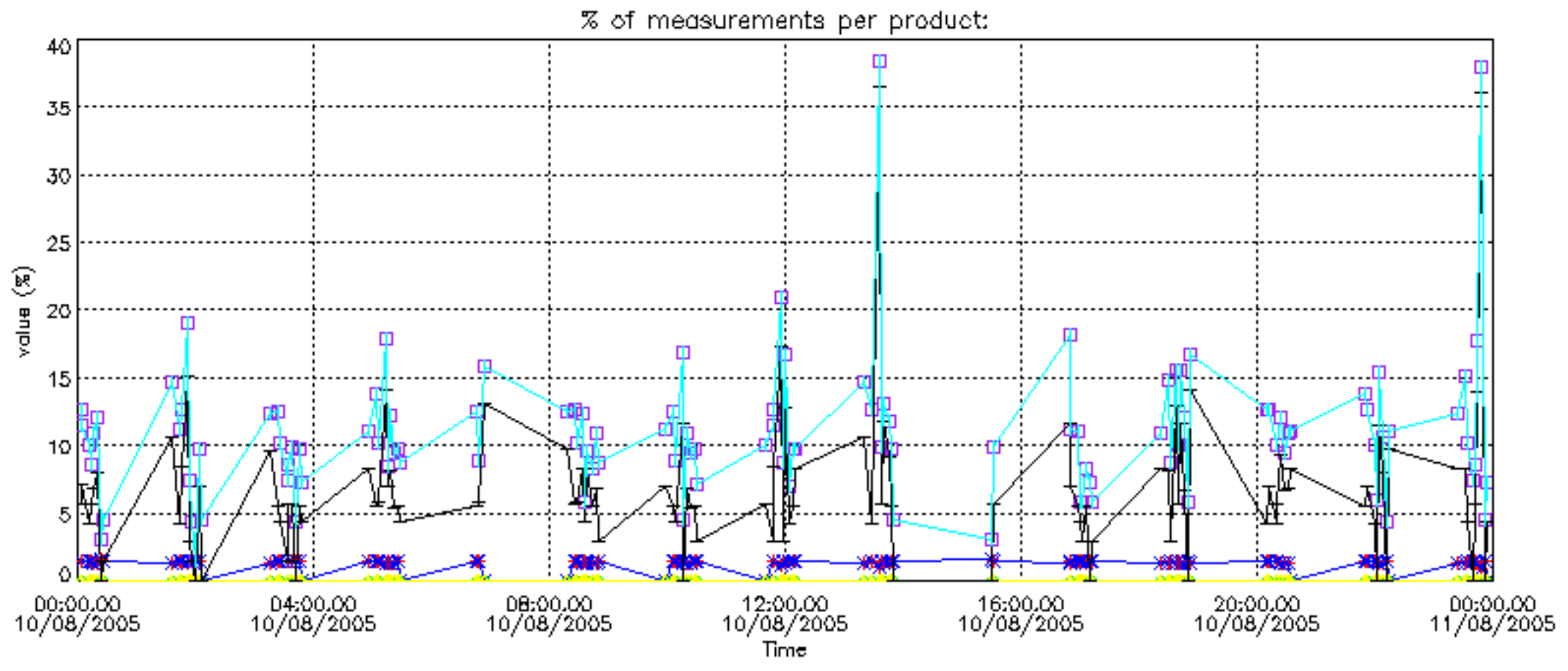
Percentage of flagged data per NO2 profile



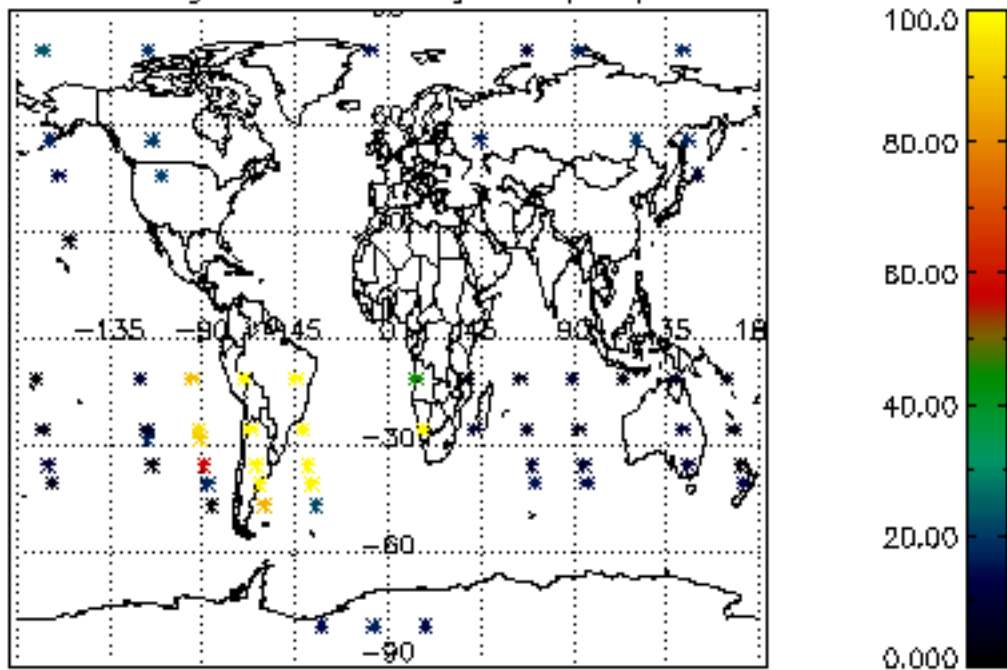
Percentage of flagged data per NO3 profile



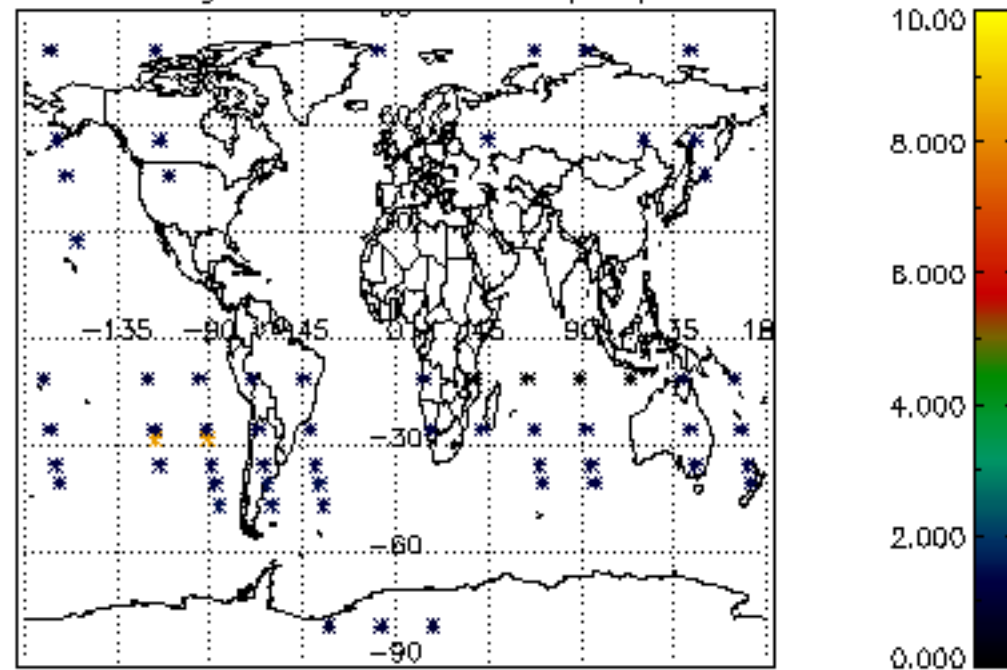




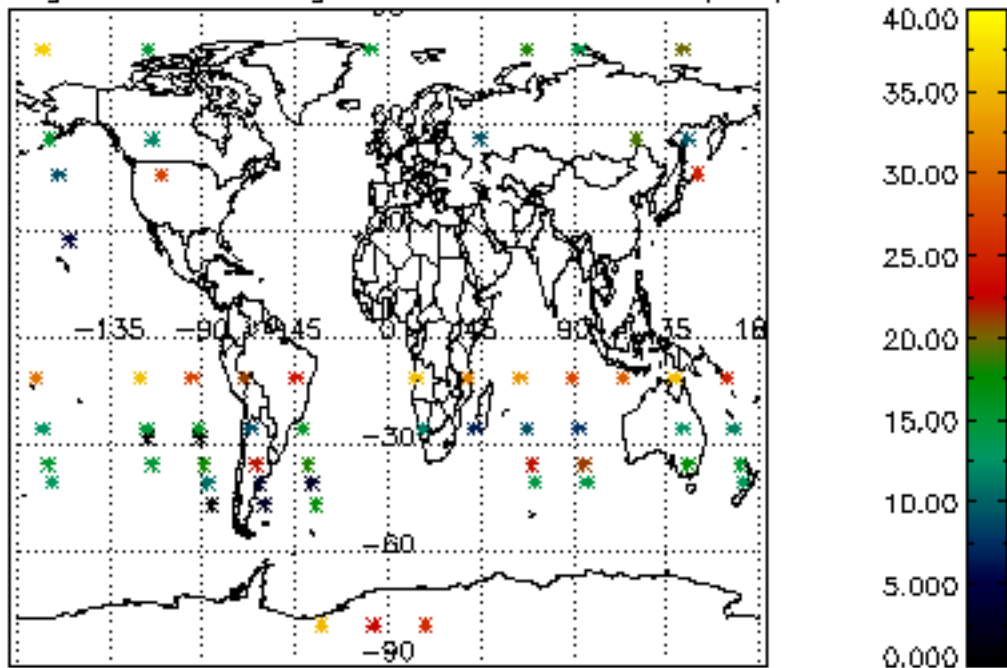
Percentage of cosmic ray hits per profile



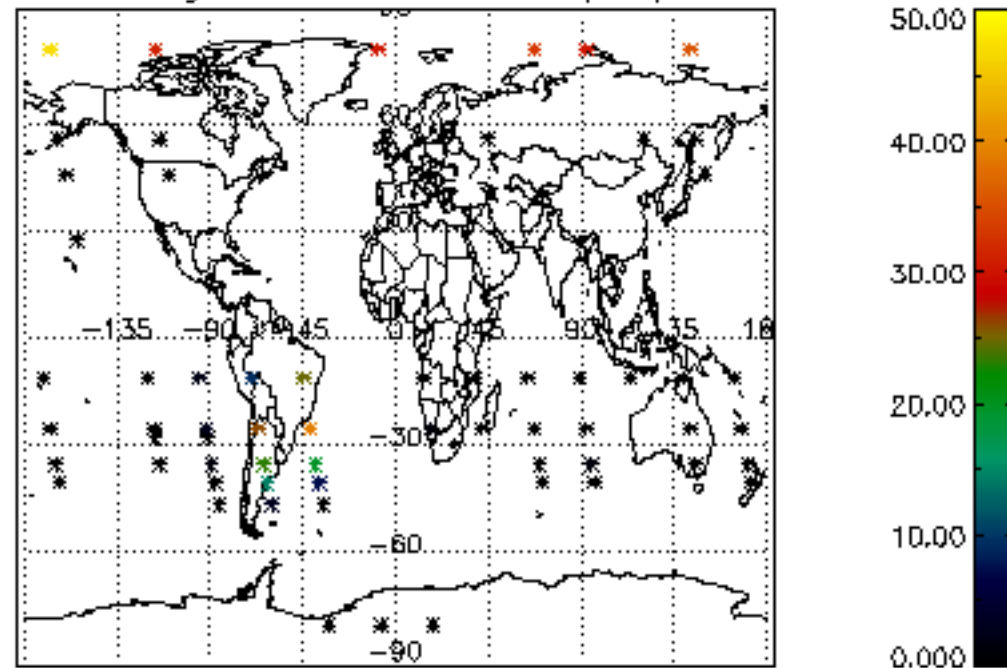
Percentage of datation errors per profile



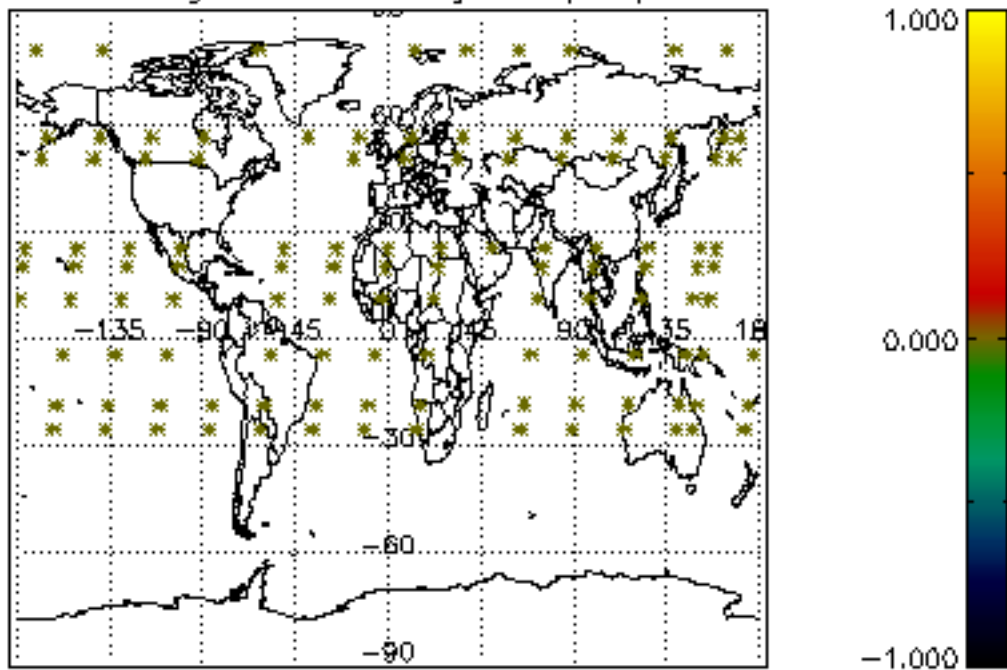
Percentage of star falling outside central band per profile



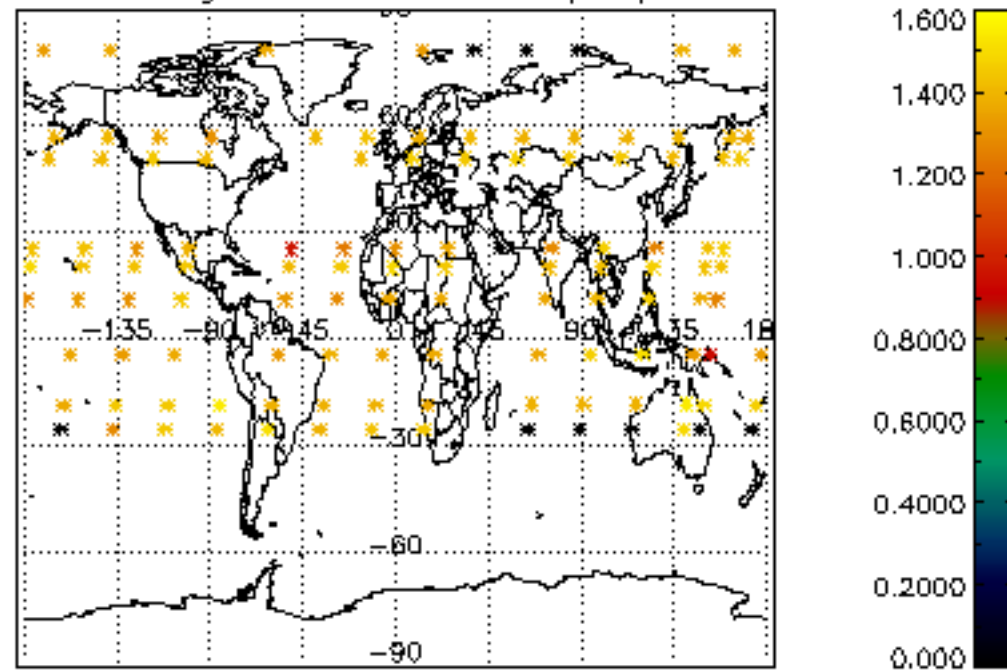
Percentage of saturation errors per profile



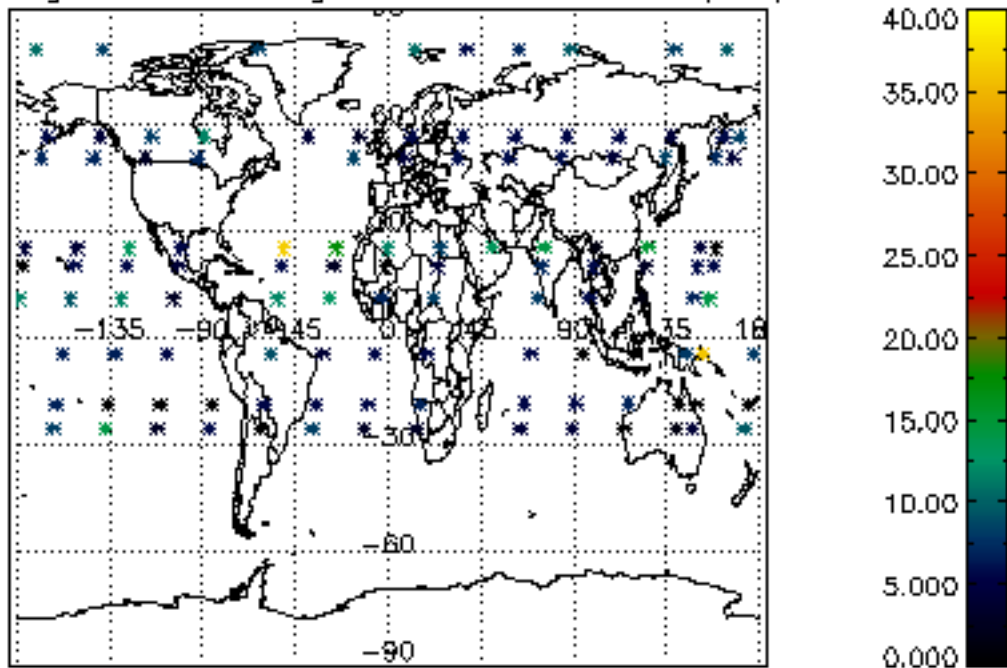
Percentage of cosmic ray hits per profile



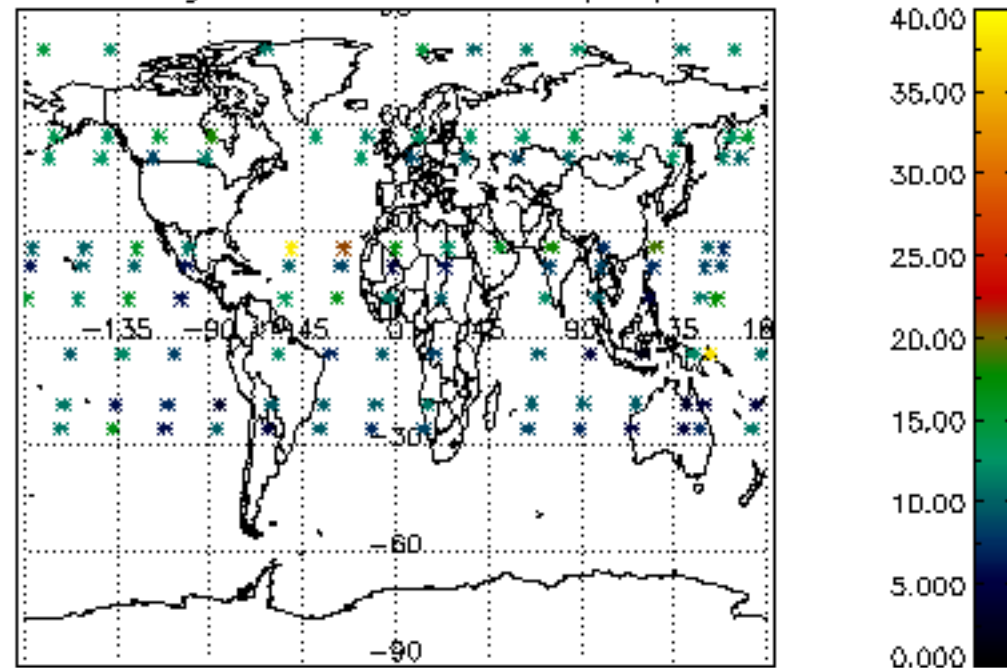
Percentage of datation errors per profile

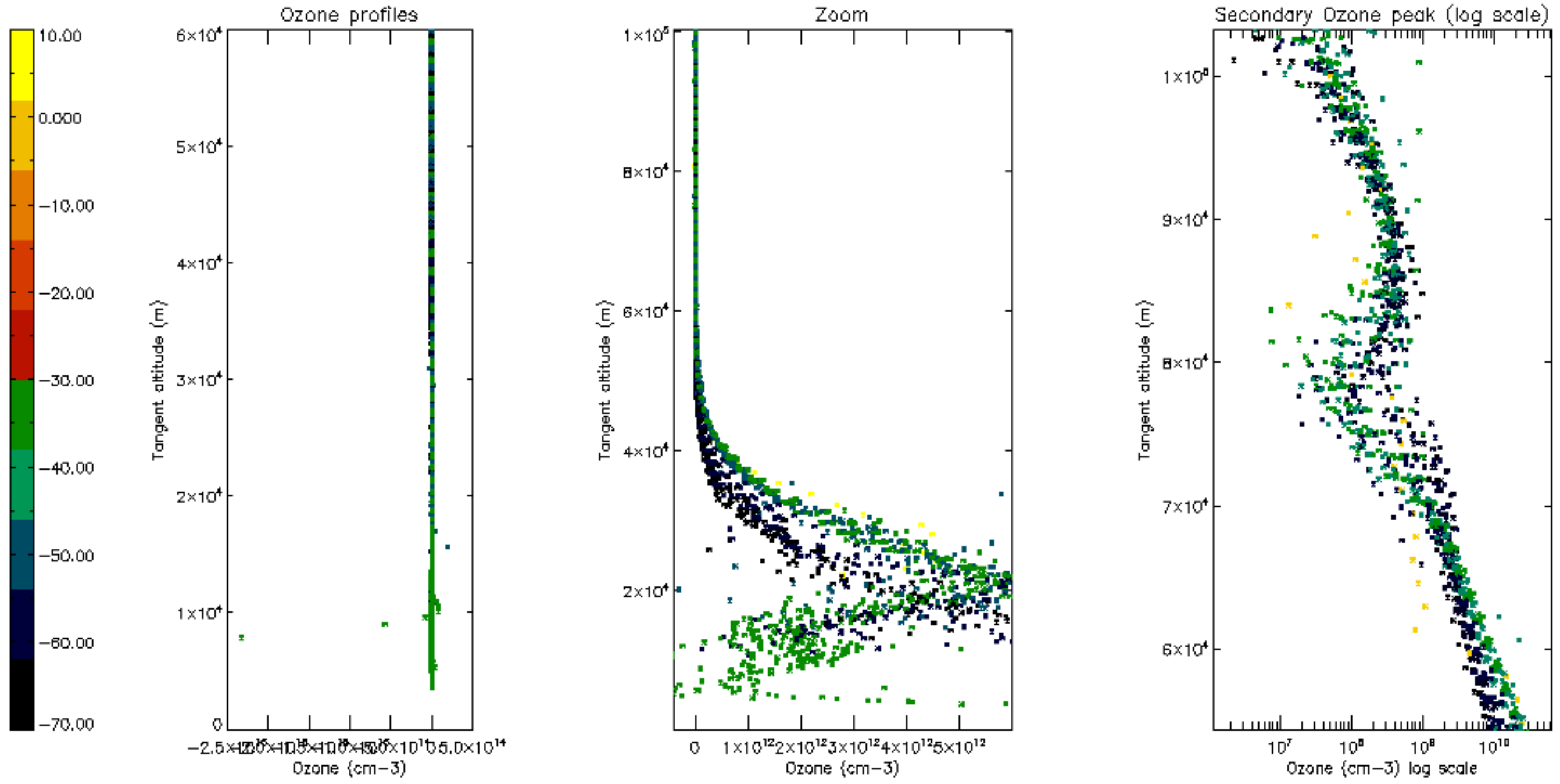


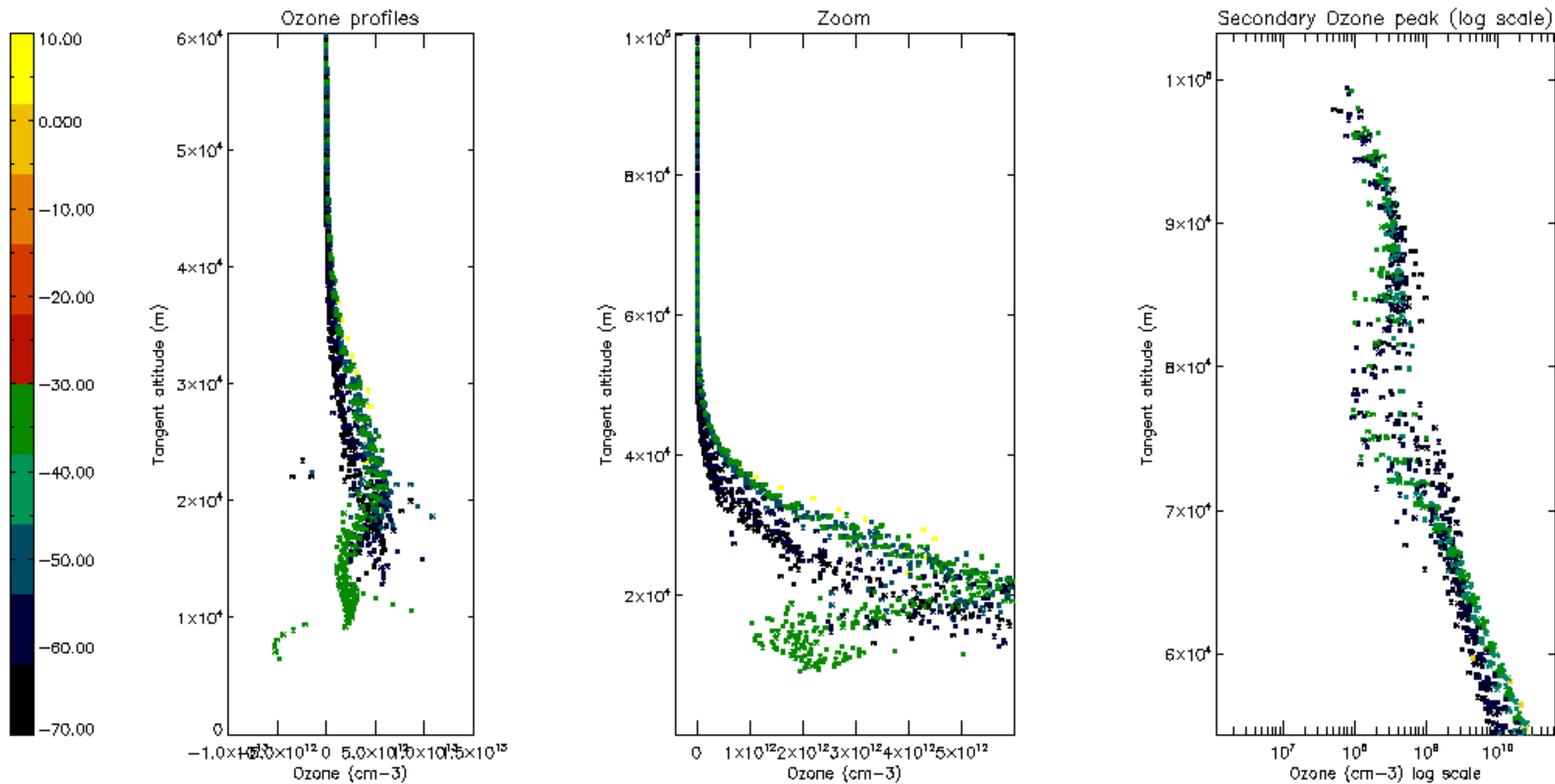
Percentage of star falling outside central band per profile

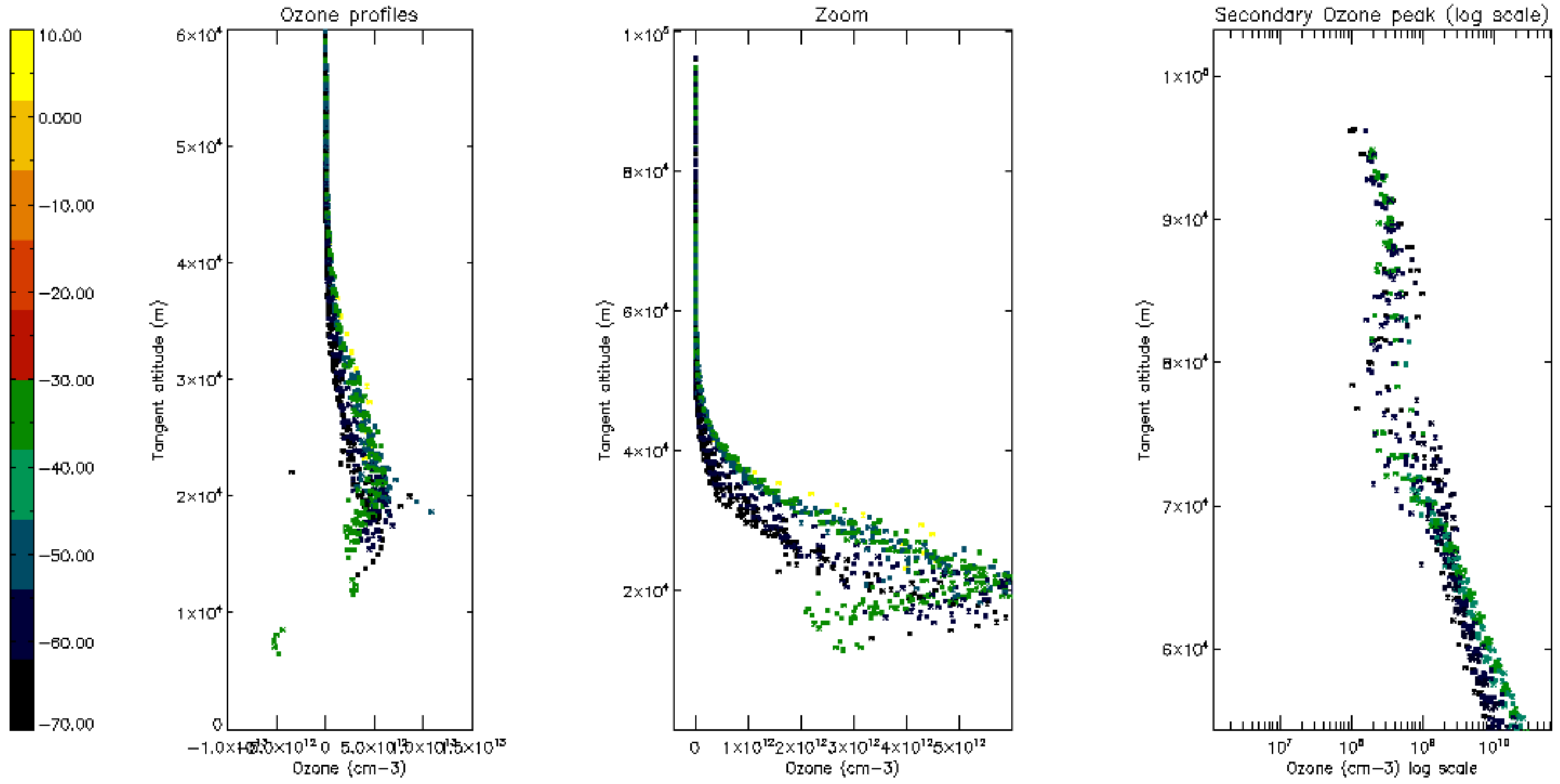


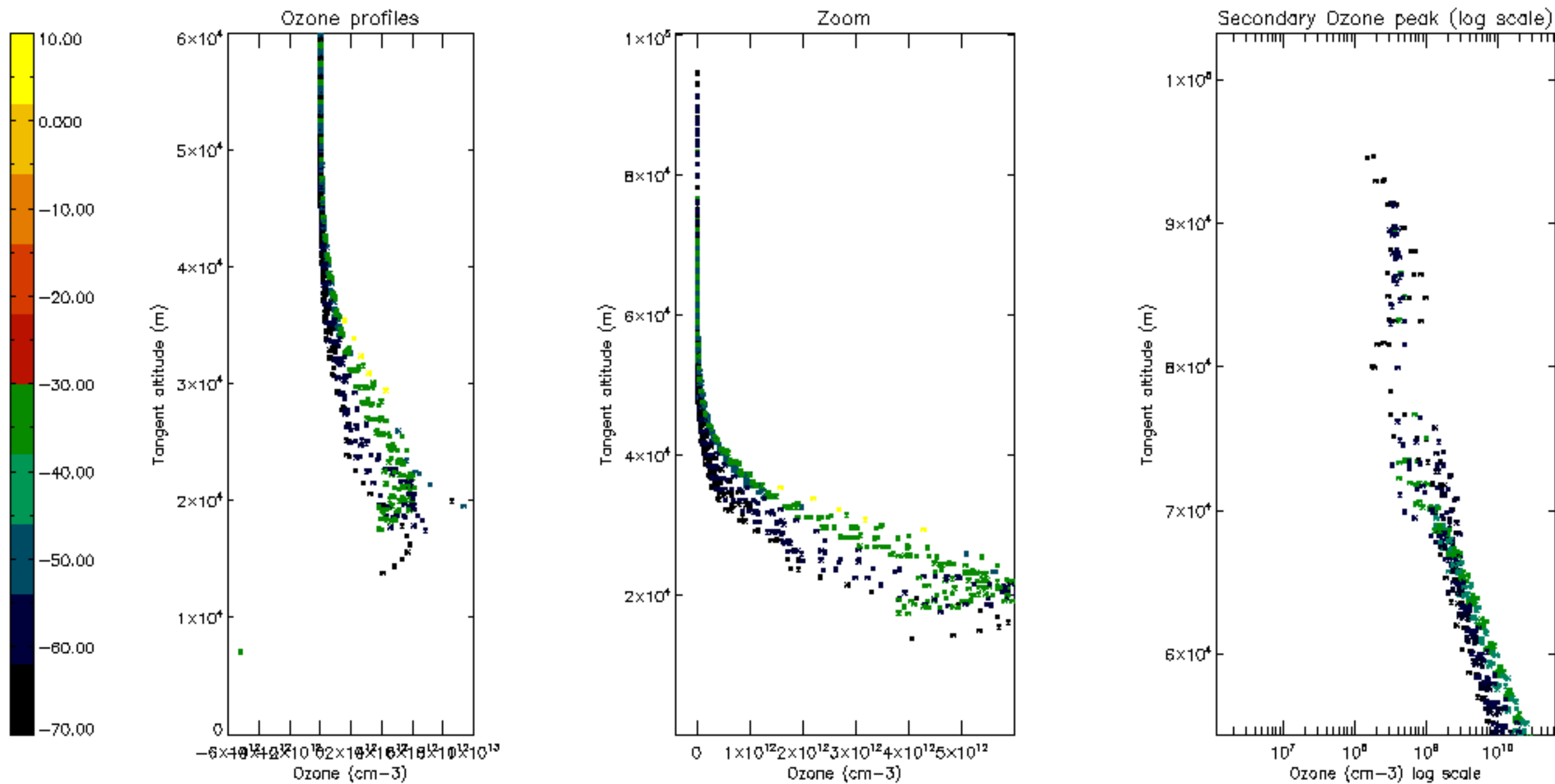
Percentage of saturation errors per profile

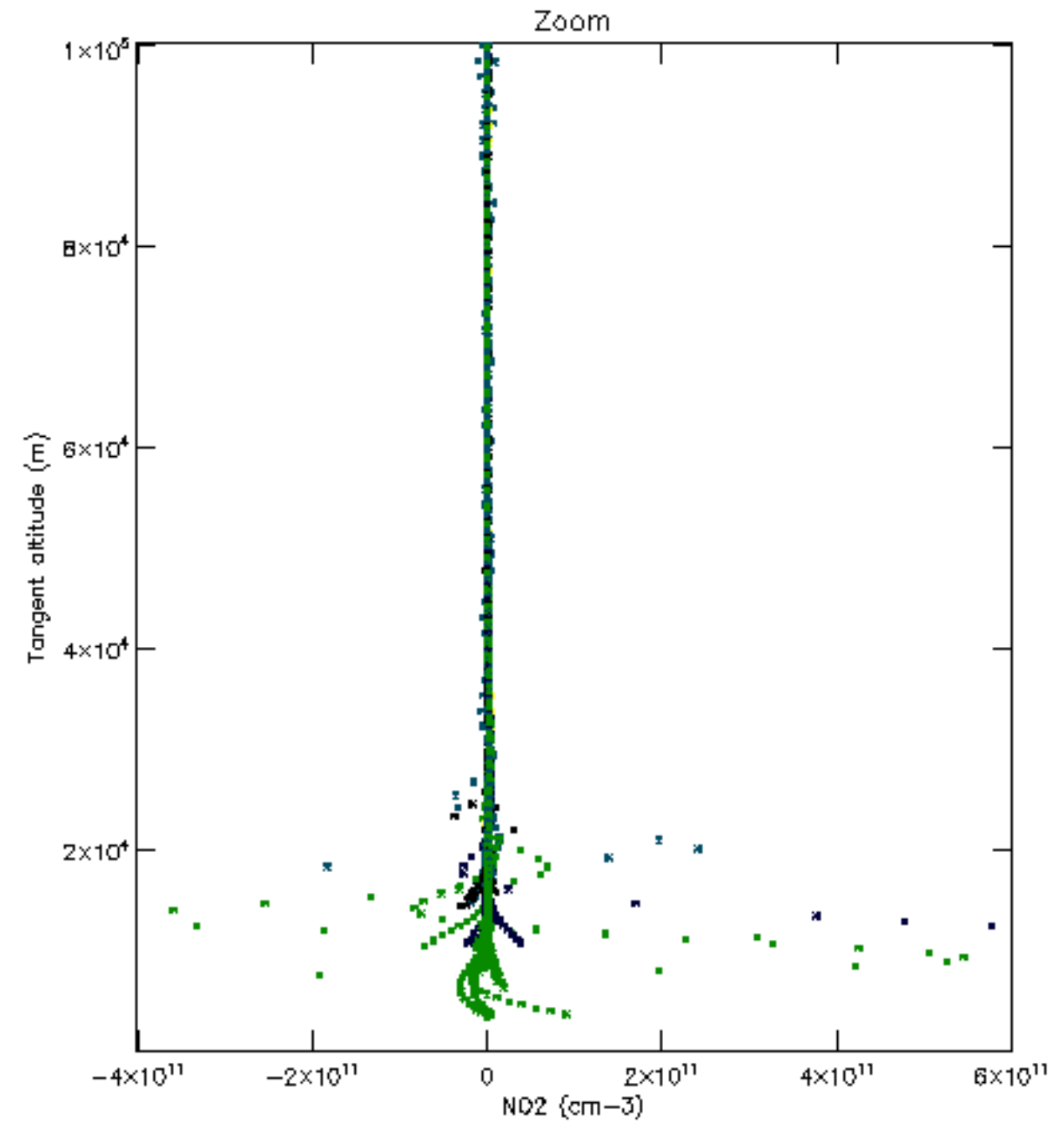
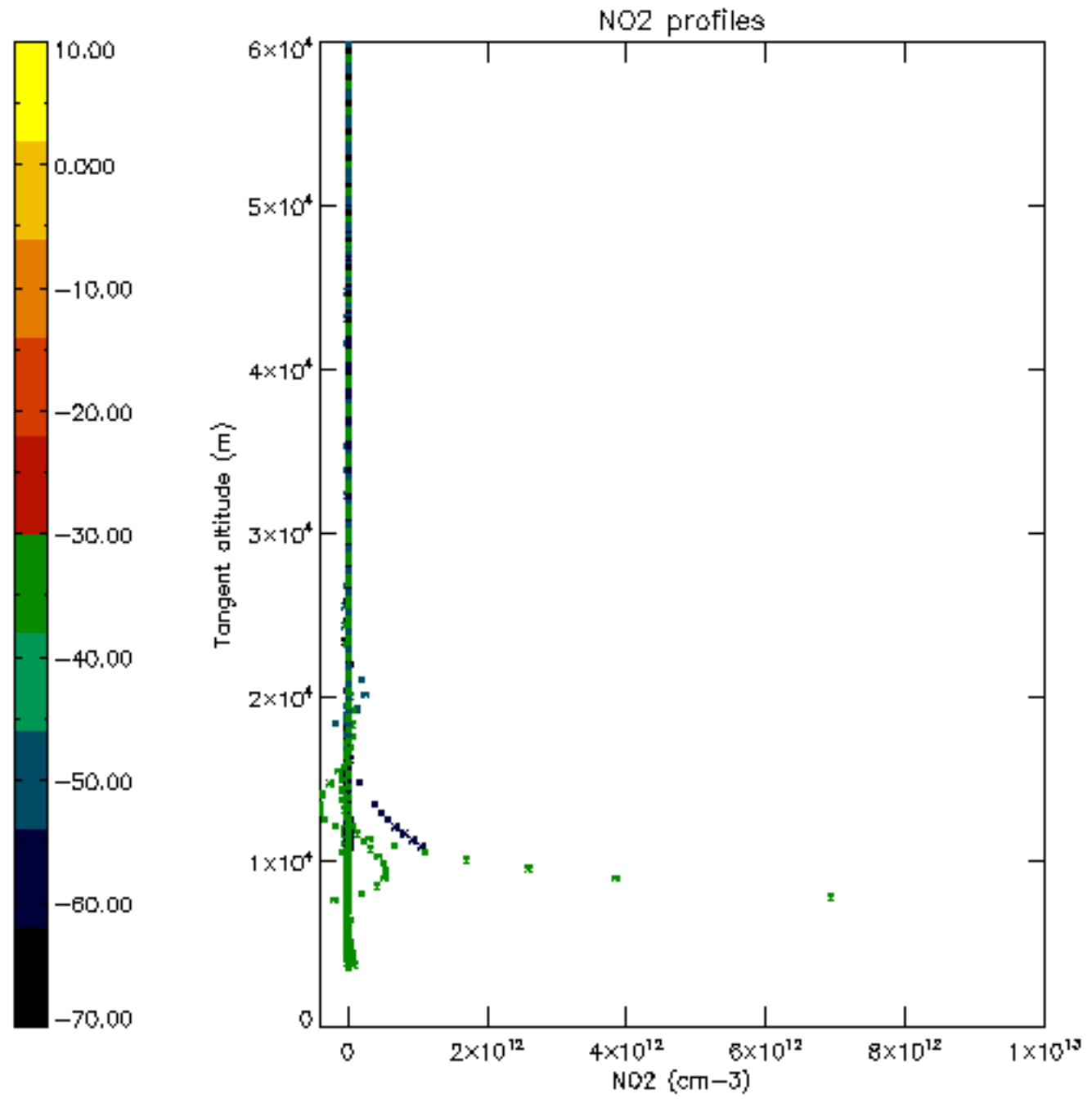


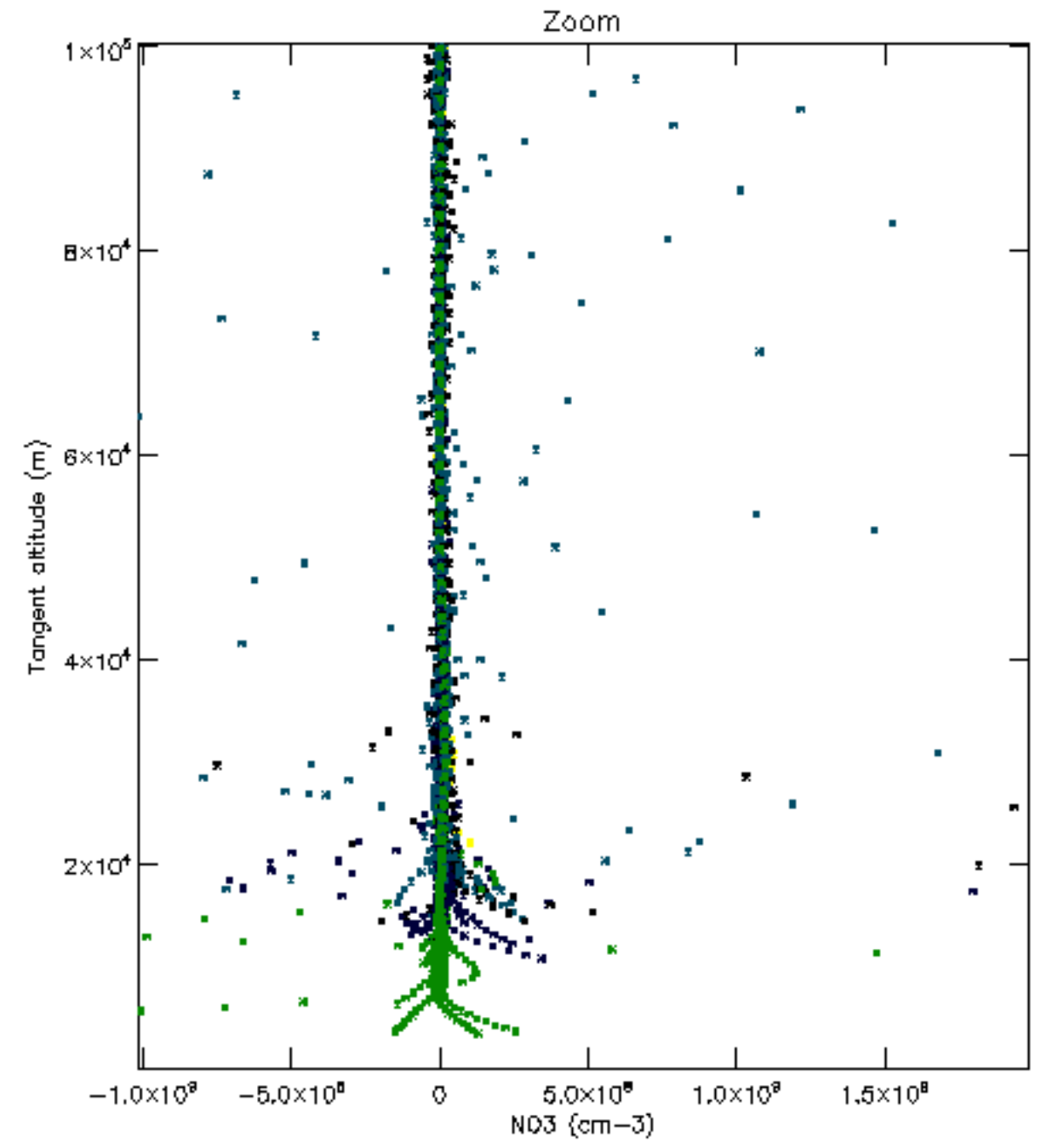
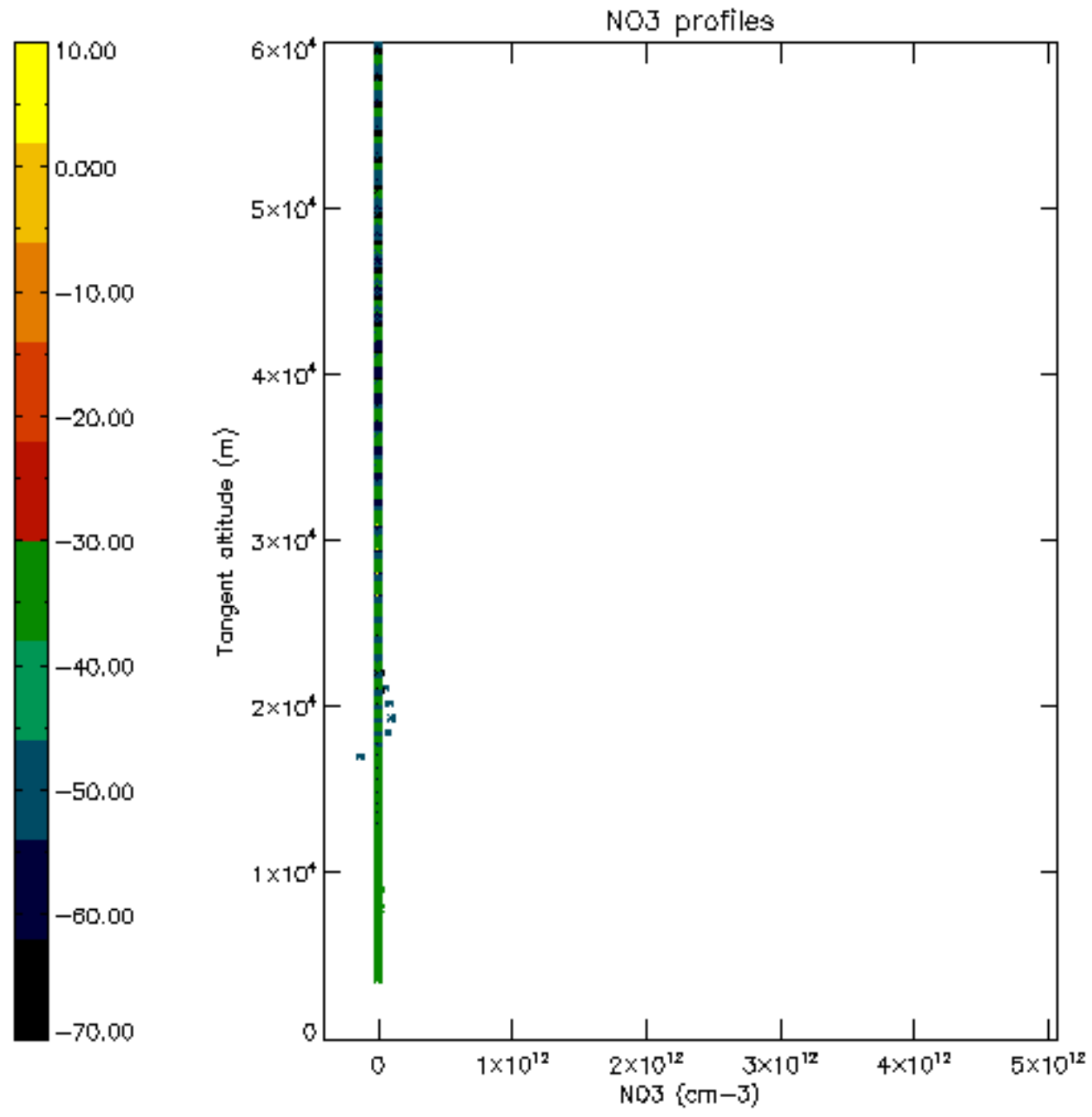


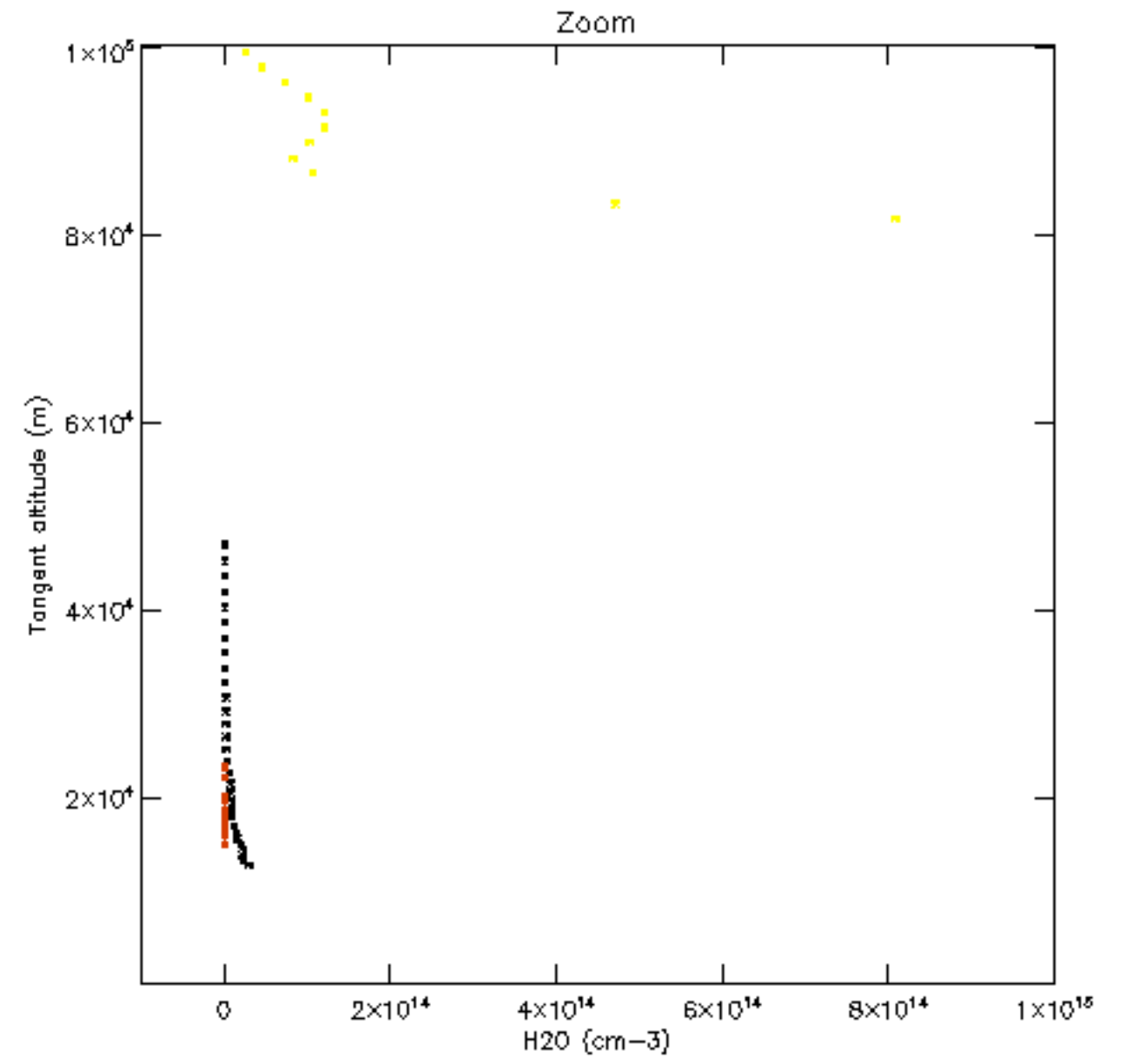
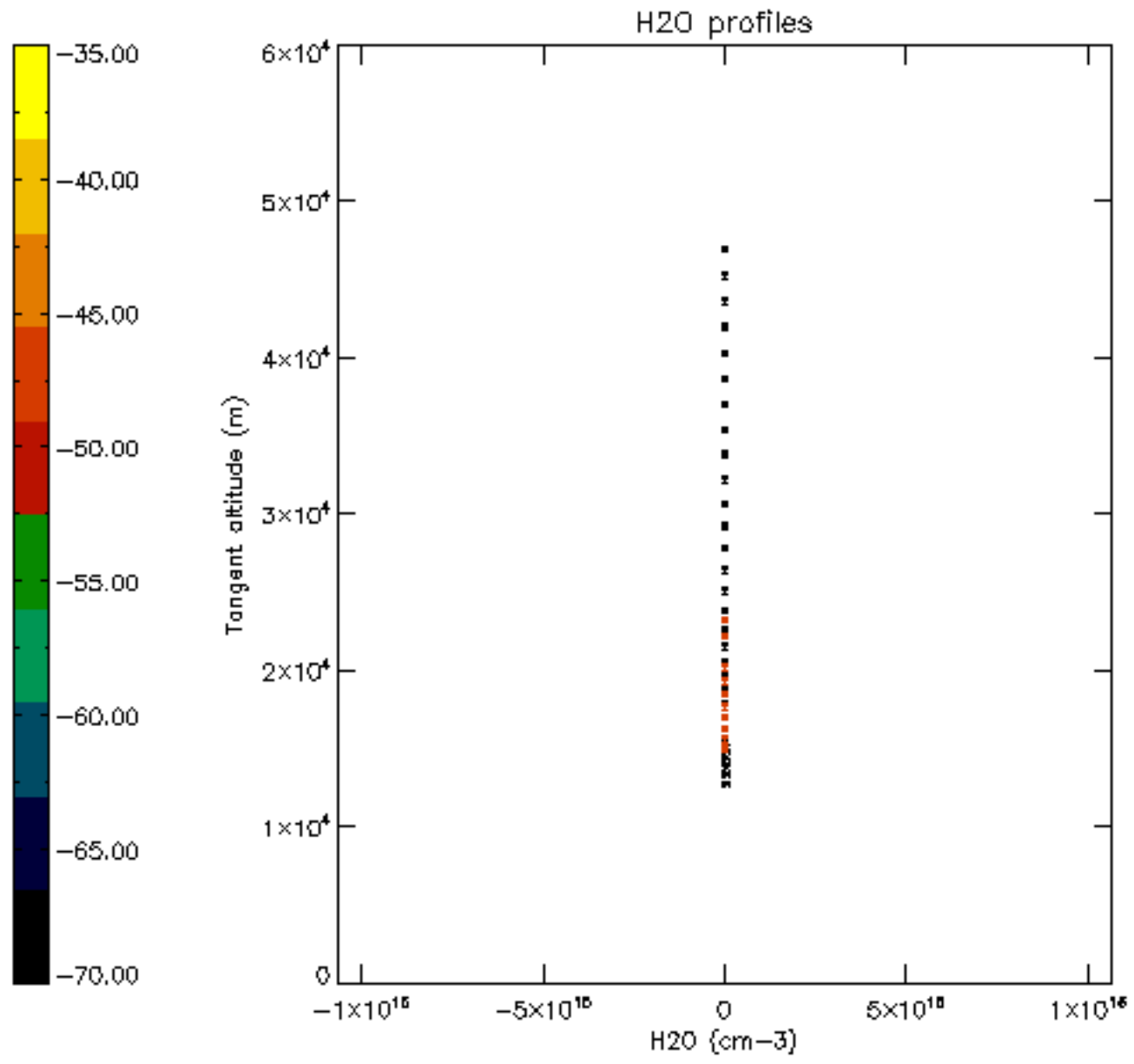


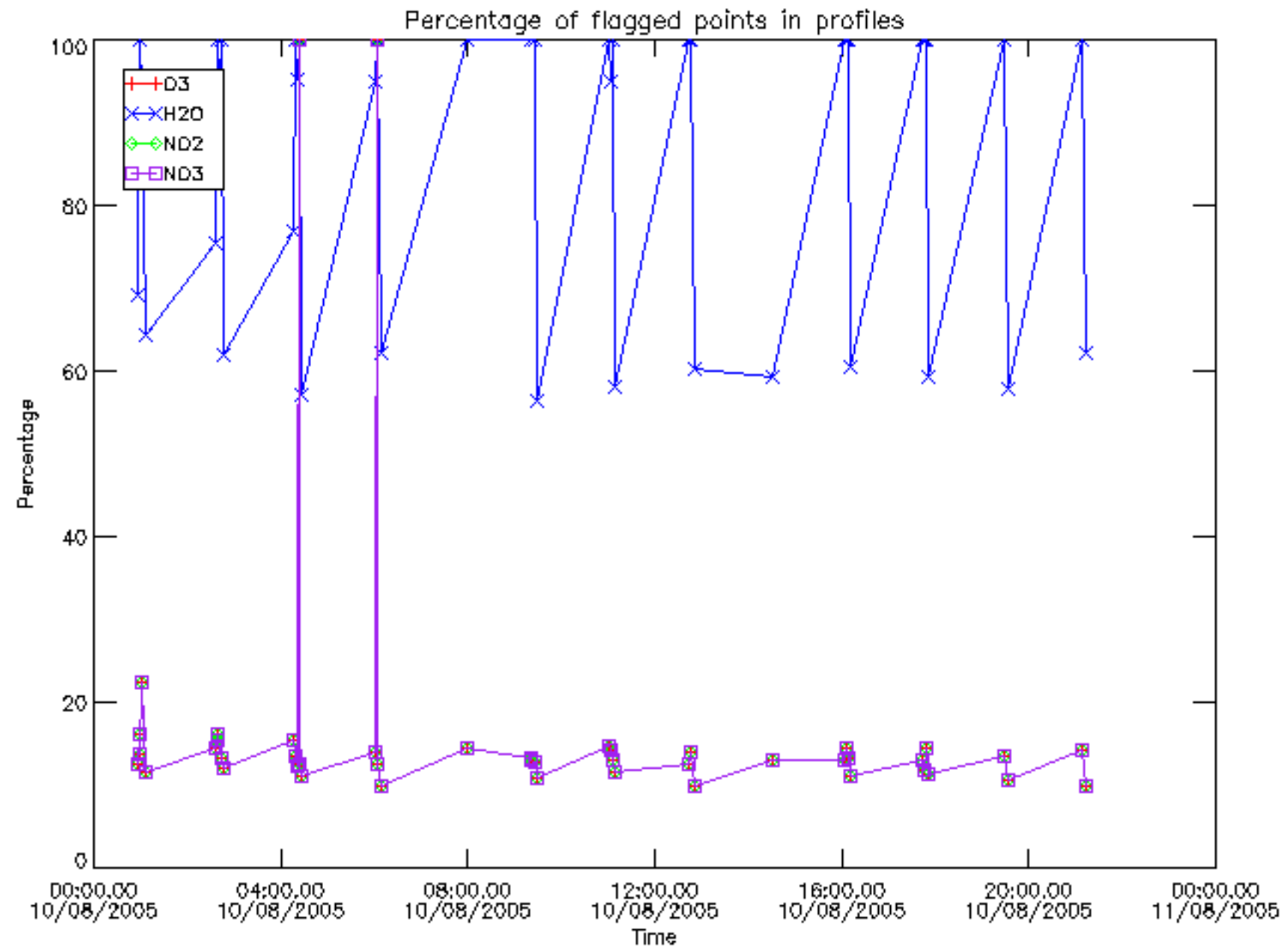




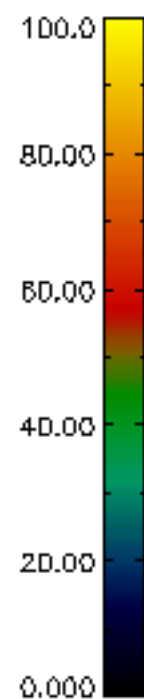
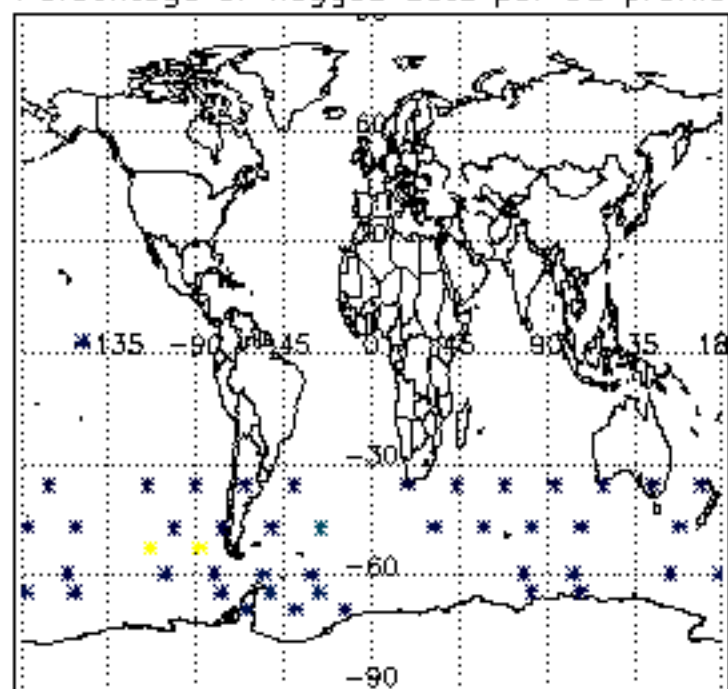




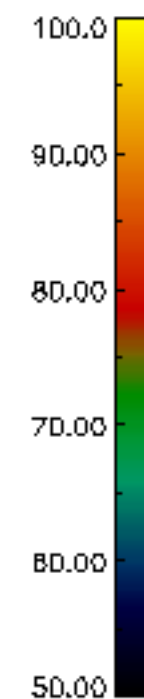
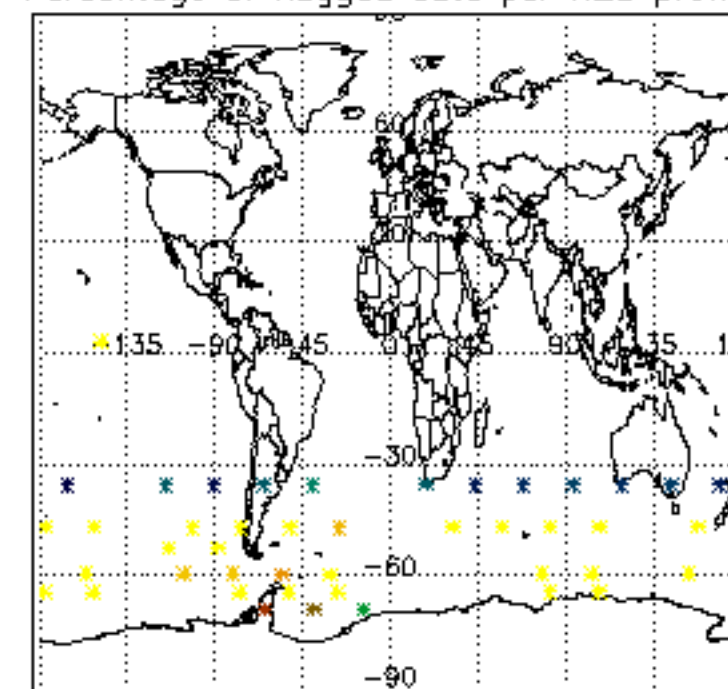




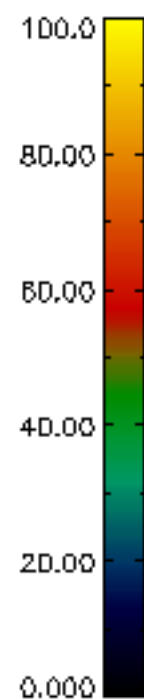
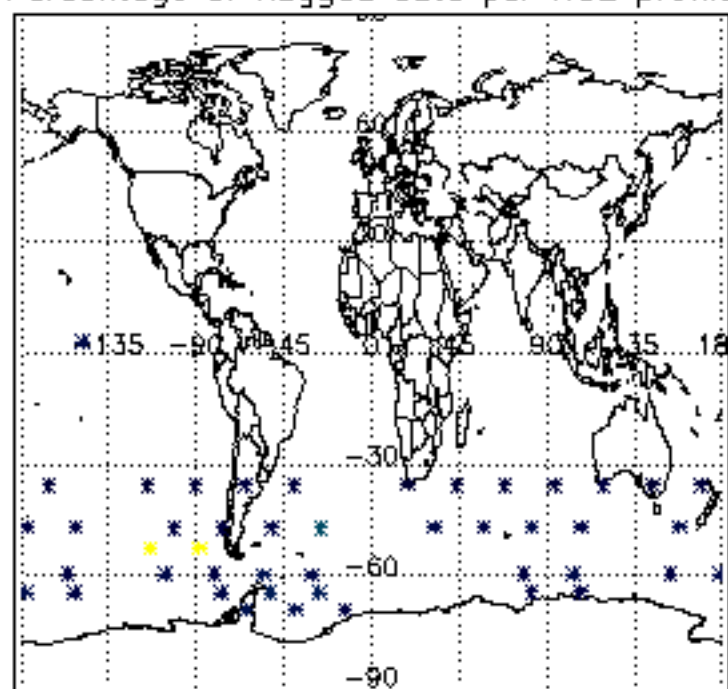
Percentage of flagged data per D3 profile



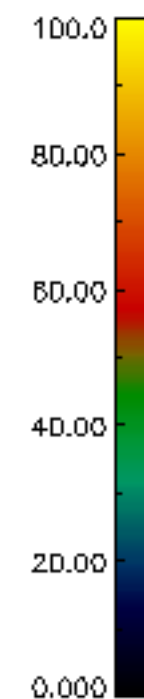
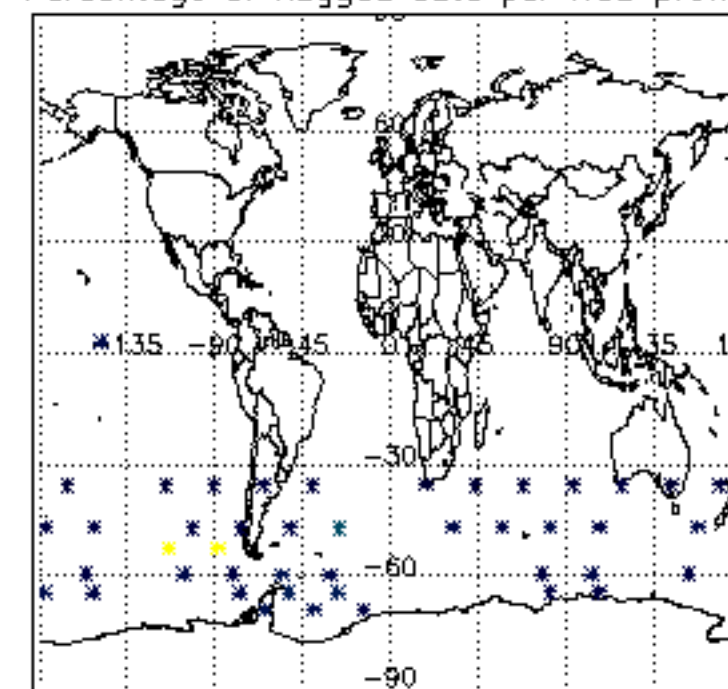
Percentage of flagged data per H2O profile

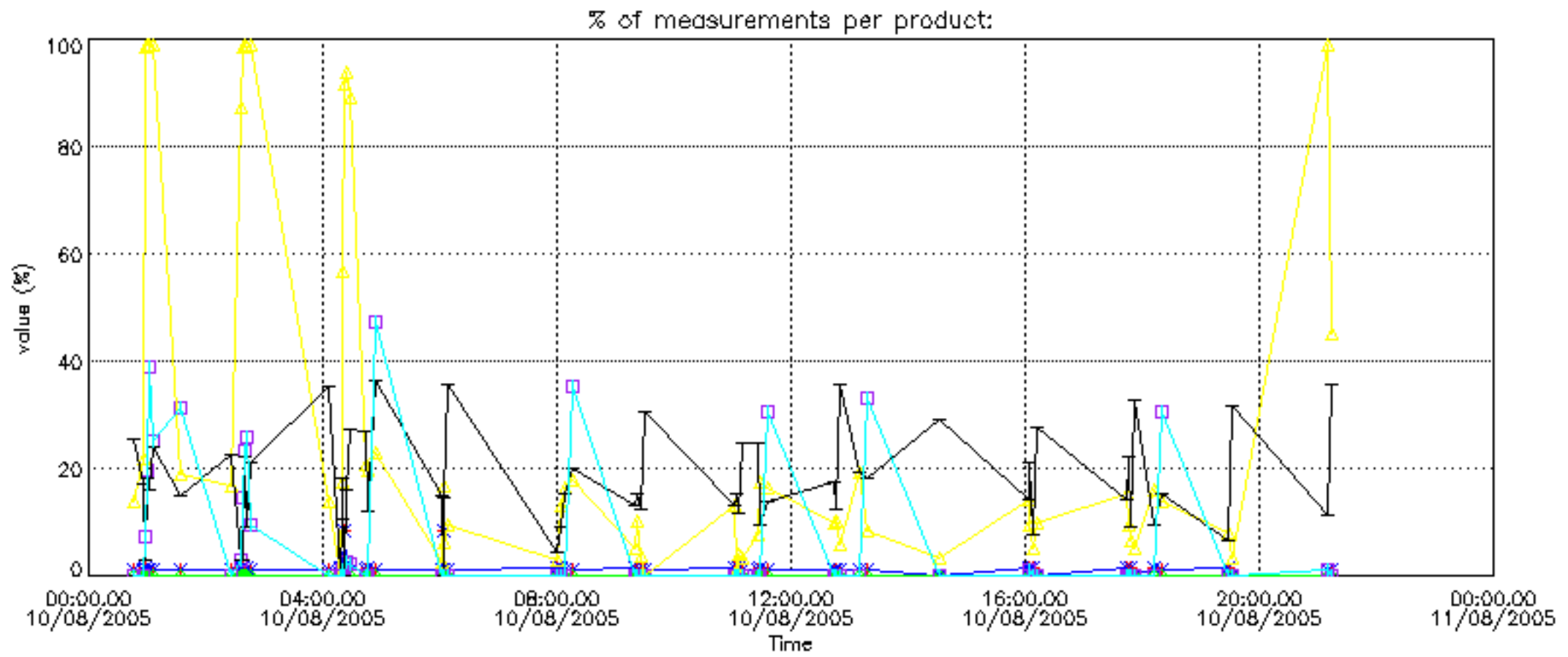


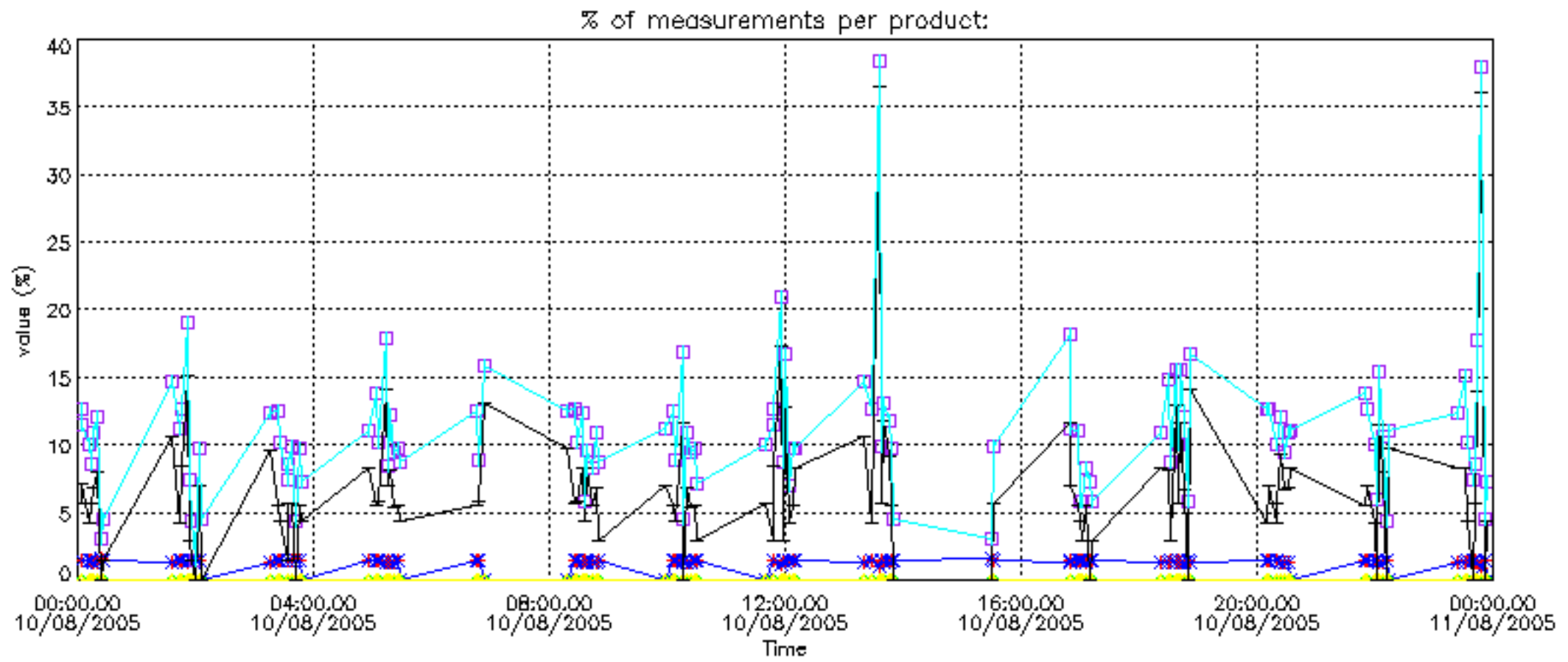
Percentage of flagged data per NO2 profile



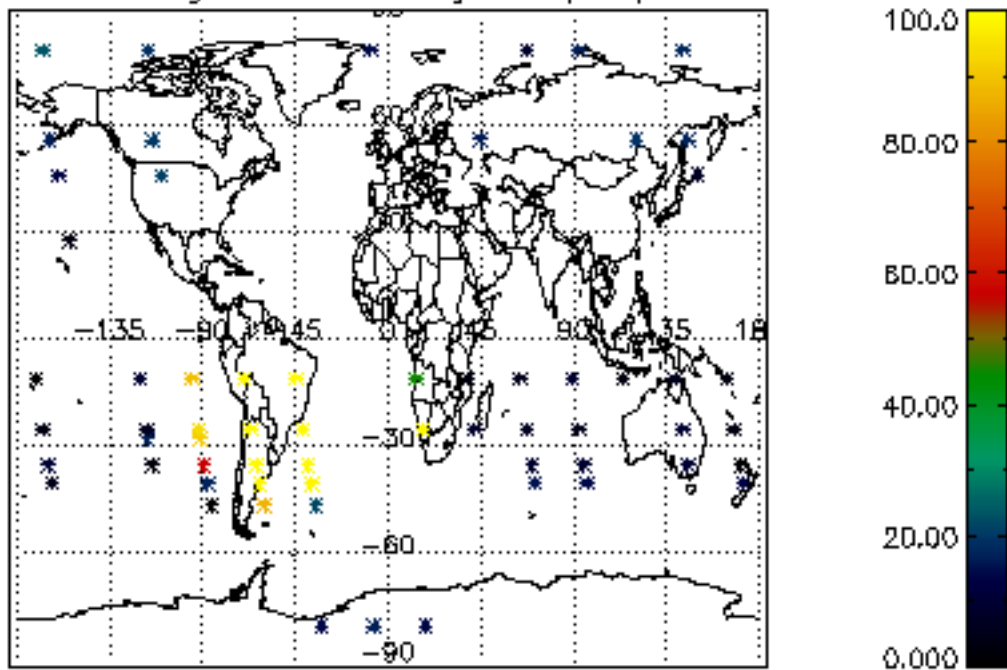
Percentage of flagged data per NO3 profile



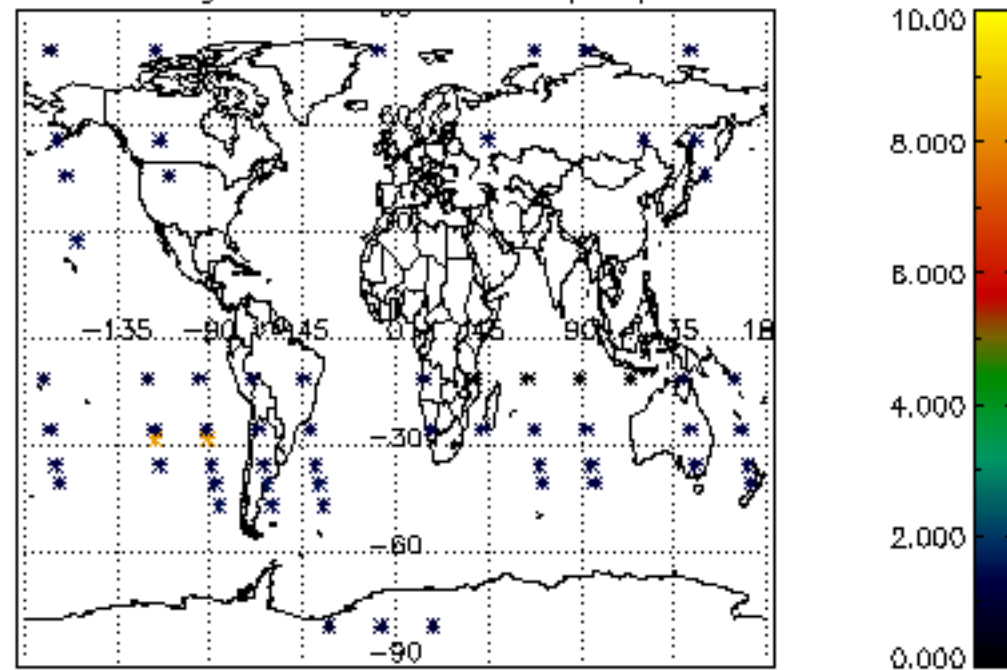




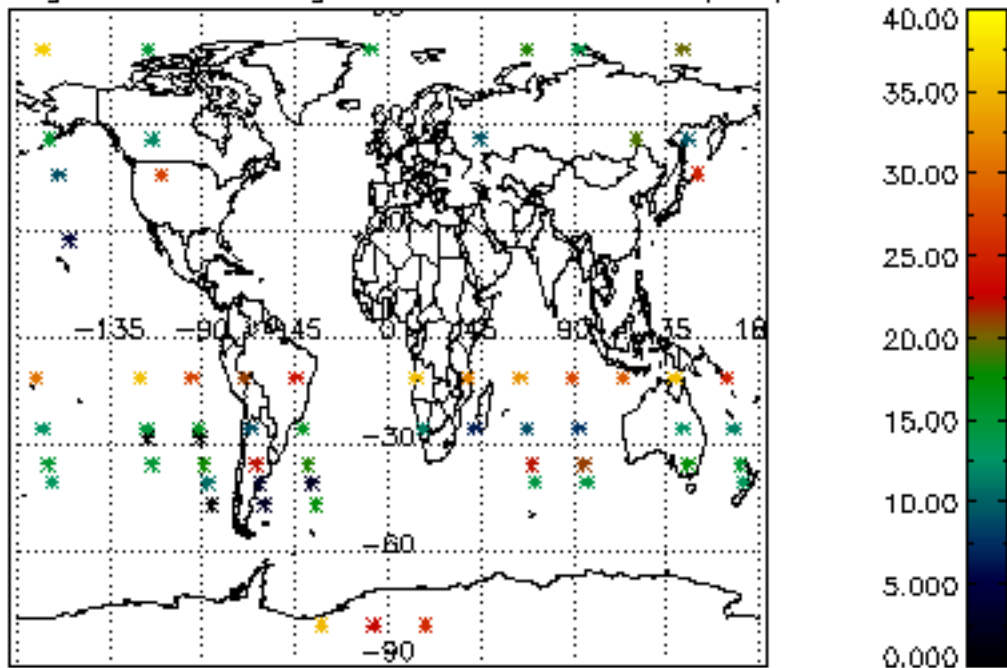
Percentage of cosmic ray hits per profile



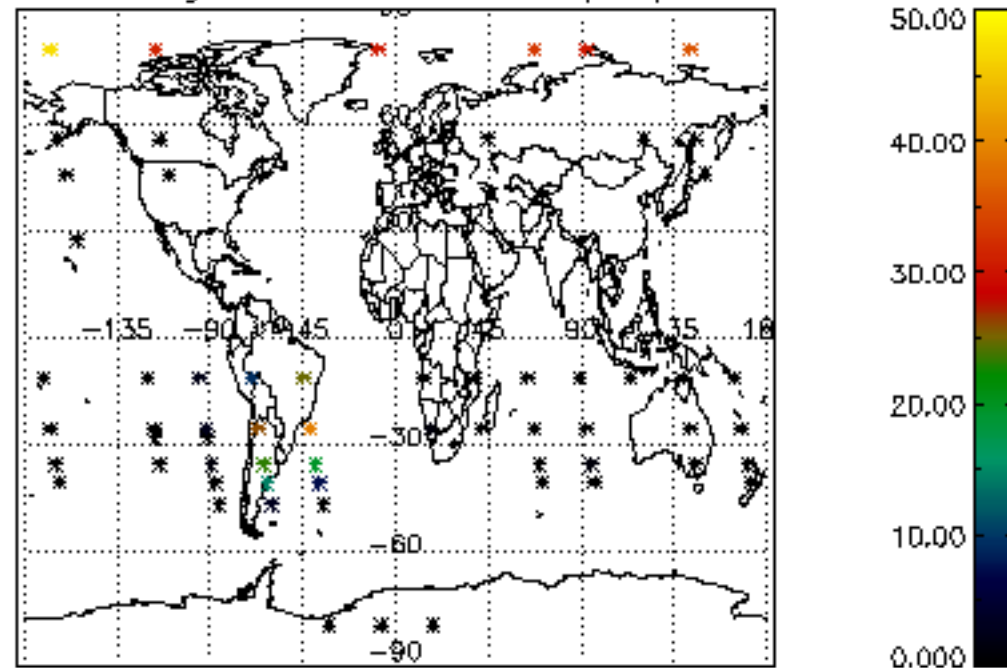
Percentage of datation errors per profile



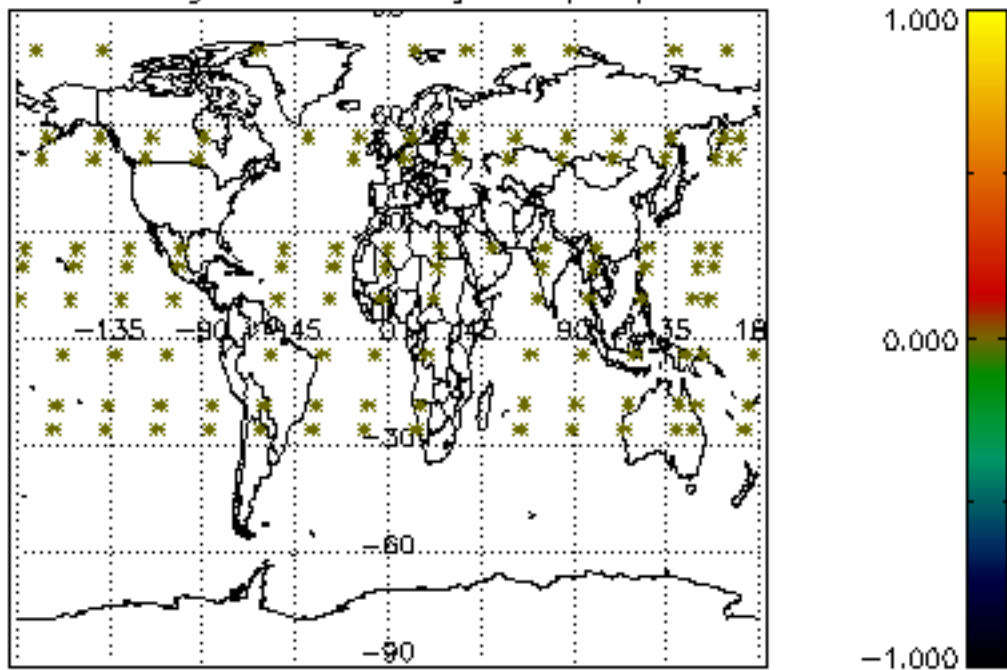
Percentage of star falling outside central band per profile



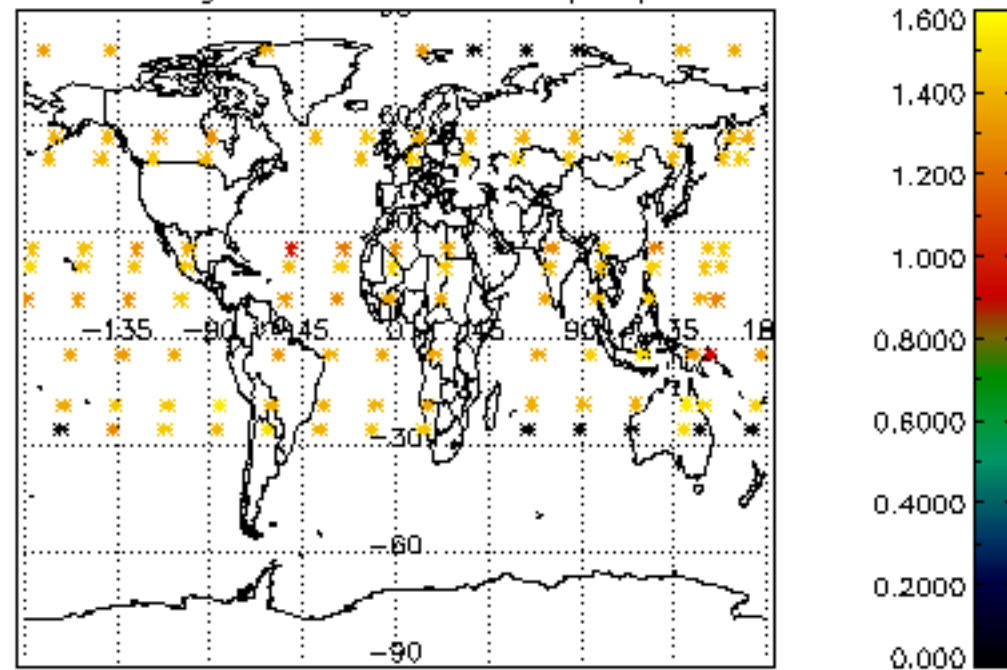
Percentage of saturation errors per profile



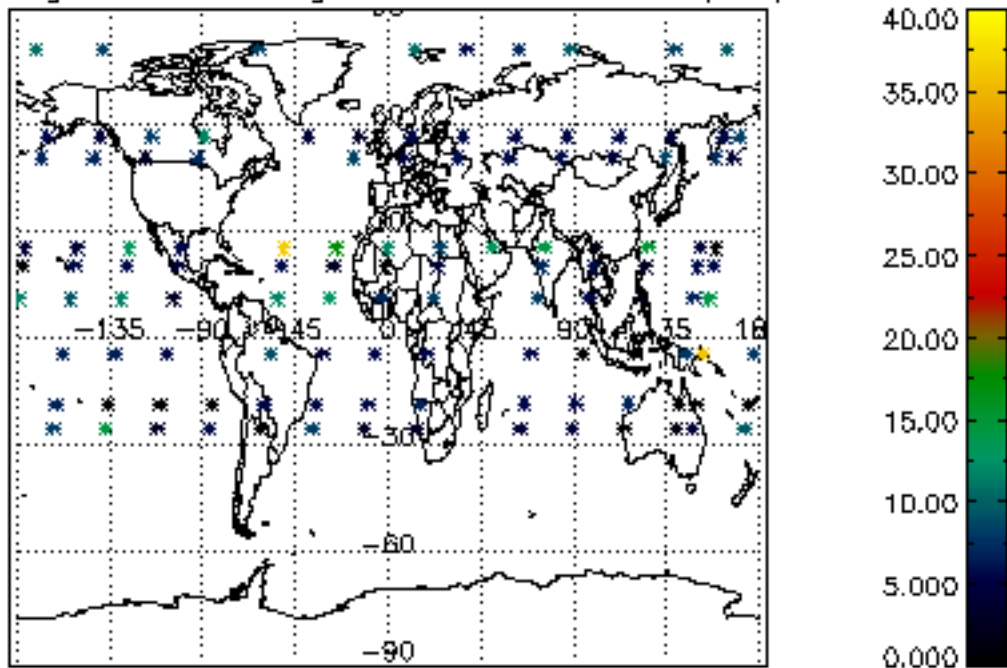
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

