

# 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 10:19:41
Data source version	GOMOS/6.01
Start time of products	04-08-2005 (04AUG2005 00:00:00)
Stop time of products	05-08-2005 (05AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	181
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__2PRFIN20050804_000012_000000332039_00331_17920_5427.N1	04-AUG-2005 00:00:12	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	17920	No
2	GOM_NL__2PRFIN20050804_000403_000000392039_00331_17920_5428.N1	04-AUG-2005 00:04:03	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17920	No
3	GOM_NL__2PRFIN20050804_000810_000000332039_00331_17920_5429.N1	04-AUG-2005 00:08:10	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	17920	No
4	GOM_NL__2PRFIN20050804_001217_000000342039_00331_17920_5430.N1	04-AUG-2005 00:12:17	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17920	No
5	GOM_NL__2PRFIN20050804_004427_000000422039_00331_17920_5431.N1	04-AUG-2005 00:44:27	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17920	No
6	GOM_NL__2PRFIN20050804_004746_000000022039_00331_17920_5432.N1	04-AUG-2005 00:47:46	Dark	2.0000	23	21Eps CMa	1.5020	26000.	4	17920	No
7	GOM_NL__2PRFIN20050804_004823_000000392039_00331_17920_5433.N1	04-AUG-2005 00:48:23	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	17920	No
8	GOM_NL__2PRFIN20050804_005431_000000442039_00331_17920_5434.N1	04-AUG-2005 00:54:31	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	17920	No
9	GOM_NL__2PRFIN20050804_010511_000000372039_00332_17921_5793.N1	04-AUG-2005 01:05:11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17921	No
10	GOM_NL__2PRFIN20050804_011317_000000382039_00332_17921_5794.N1	04-AUG-2005 01:13:17	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17921	No
11	GOM_NL__2PRFIN20050804_012135_000000412039_00332_17921_5795.N1	04-AUG-2005 01:21:35	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	17921	No
12	GOM_NL__2PRFIN20050804_012358_000000372039_00332_17921_5796.N1	04-AUG-2005 01:23:58	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17921	No
13	GOM_NL__2PRFIN20050804_013342_000000352039_00332_17921_5797.N1	04-AUG-2005 01:33:42	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17921	No
14	GOM_NL__2PRFIN20050804_014048_000000342039_00332_17921_5798.N1	04-AUG-2005 01:40:48	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	17921	No
15	GOM_NL__2PRFIN20050804_014439_000000382039_00332_17921_5799.N1	04-AUG-2005 01:44:39	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17921	No
16	GOM_NL__2PRFIN20050804_014847_000000372039_00332_17921_5800.N1	04-AUG-2005 01:48:47	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17921	No
17	GOM_NL__2PRFIN20050804_015253_000000352039_00332_17921_5801.N1	04-AUG-2005 01:52:53	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	17921	No
18	GOM_NL__2PRFIN20050804_022503_000000422039_00332_17921_5802.N1	04-AUG-2005 02:25:03	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	17921	No
19	GOM_NL__2PRFIN20050804_023507_000000512039_00332_17921_5803.N1	04-AUG-2005 02:35:07	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	17921	No
20	GOM_NL__2PRFIN20050804_024547_000000372039_00333_17922_5795.N1	04-AUG-2005 02:45:47	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17922	No
21	GOM_NL__2PRFIN20050804_025353_000000392039_00333_17922_5796.N1	04-AUG-2005 02:53:53	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	17922	No
22	GOM_NL__2PRFIN20050804_030211_000000412039_00333_17922_5797.N1	04-AUG-2005 03:02:11	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17922	No
23	GOM_NL__2PRFIN20050804_030434_000000382039_00333_17922_5798.N1	04-AUG-2005 03:04:34	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17922	No
24	GOM_NL__2PRFIN20050804_031418_000000352039_00333_17922_5799.N1	04-AUG-2005 03:14:18	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17922	No
25	GOM_NL__2PRFIN20050804_032124_000000372039_00333_17922_5800.N1	04-AUG-2005 03:21:24	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	17922	No
26	GOM_NL__2PRFIN20050804_032516_000000372039_00333_17922_5801.N1	04-AUG-2005 03:25:16	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17922	No
27	GOM_NL__2PRFIN20050804_032923_000000332039_00333_17922_5802.N1	04-AUG-2005 03:29:23	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	17922	No
28	GOM_NL__2PRFIN20050804_033329_000000332039_00333_17922_5803.N1	04-AUG-2005 03:33:29	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	17922	No
29	GOM_NL__2PRFIN20050804_040539_000000452039_00333_17922_5804.N1	04-AUG-2005 04:05:39	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	17922	No
30	GOM_NL__2PRFIN20050804_040858_000000252039_00333_17922_5805.N1	04-AUG-2005 04:08:58	Dark	25.000	23	21Eps CMa	1.5020	26000.	50	17922	No
31	GOM_NL__2PRFIN20050804_041543_000000462039_00333_17922_5806.N1	04-AUG-2005 04:15:43	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	17922	No
32	GOM_NL__2PRFIN20050804_042624_000000362039_00334_17923_5797.N1	04-AUG-2005 04:26:24	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17923	No
33	GOM_NL__2PRFIN20050804_043429_000000412039_00334_17923_5798.N1	04-AUG-2005 04:34:29	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	17923	No
34	GOM_NL__2PRFIN20050804_044247_000000462039_00334_17923_5799.N1	04-AUG-2005 04:42:47	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	17923	No
35	GOM_NL__2PRFIN20050804_044510_000000372039_00334_17923_5800.N1	04-AUG-2005 04:45:10	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17923	No
36	GOM_NL__2PRFIN20050804_045454_000000342039_00334_17923_5801.N1	04-AUG-2005 04:54:54	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17923	No
37	GOM_NL__2PRFIN20050804_050200_000000362039_00334_17923_5802.N1	04-AUG-2005 05:02:00	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	17923	No
38	GOM_NL__2PRFIN20050804_050552_000000372039_00334_17923_5803.N1	04-AUG-2005 05:05:52	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	17923	No
39	GOM_NL__2PRFIN20050804_050959_000000332039_00334_17923_5804.N1	04-AUG-2005 05:09:59	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	17923	No
40	GOM_NL__2PRFIN20050804_051405_000000362039_00334_17923_5805.N1	04-AUG-2005 05:14:05	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17923	No
41	GOM_NL__2PRFIN20050804_054615_000000432039_00334_17923_5806.N1	04-AUG-2005 05:46:15	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	17923	No
42	GOM_NL__2PRFIN20050804_054934_000000252039_00334_17923_5807.N1	04-AUG-2005 05:49:34	Dark	25.000	23	21Eps CMa	1.5020	26000.	50	17923	No

43	GOM_NL__2PRFIN20050804_055619_000000432039_00334_17923_5808.N1	04-AUG-2005 05:56:19	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	17923	No
44	GOM_NL__2PRFIN20050804_060700_000000382039_00335_17924_5440.N1	04-AUG-2005 06:07:00	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	17924	No
45	GOM_NL__2PRFIN20050804_061505_000000412039_00335_17924_5441.N1	04-AUG-2005 06:15:05	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	17924	No
46	GOM_NL__2PRFIN20050804_062323_000000402039_00335_17924_5442.N1	04-AUG-2005 06:23:23	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	17924	No
47	GOM_NL__2PRFIN20050804_062546_000000362039_00335_17924_5443.N1	04-AUG-2005 06:25:46	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	17924	No
48	GOM_NL__2PRFIN20050804_063531_000000352039_00335_17924_5444.N1	04-AUG-2005 06:35:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17924	No
49	GOM_NL__2PRFIN20050804_064236_000000392039_00335_17924_5445.N1	04-AUG-2005 06:42:36	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	17924	No
50	GOM_NL__2PRFIN20050804_064628_000000372039_00335_17924_5446.N1	04-AUG-2005 06:46:28	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	17924	No
51	GOM_NL__2PRFIN20050804_065036_000000362039_00335_17924_5447.N1	04-AUG-2005 06:50:36	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	17924	No
52	GOM_NL__2PRFIN20050804_065441_000000362039_00335_17924_5448.N1	04-AUG-2005 06:54:41	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17924	No
53	GOM_NL__2PRFIN20050804_072651_000000372039_00335_17924_5449.N1	04-AUG-2005 07:26:51	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	17924	No
54	GOM_NL__2PRFIN20050804_072843_000000112039_00335_17924_5450.N1	04-AUG-2005 07:28:43	Dark	11.000	179	24Omi2CMa	3.0320	24000.	22	17924	No
55	GOM_NL__2PRFIN20050804_073010_000000352039_00335_17924_5451.N1	04-AUG-2005 07:30:10	Dark	34.500	23	21Eps CMa	1.5020	26000.	69	17924	No
56	GOM_NL__2PRFIN20050804_073655_000000492039_00335_17924_5452.N1	04-AUG-2005 07:36:55	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	17924	No
57	GOM_NL__2PRFIN20050804_074736_000000392039_00336_17925_5441.N1	04-AUG-2005 07:47:36	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17925	No
58	GOM_NL__2PRFIN20050804_075541_000000402039_00336_17925_5442.N1	04-AUG-2005 07:55:41	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	17925	No
59	GOM_NL__2PRFIN20050804_080359_000000442039_00336_17925_5443.N1	04-AUG-2005 08:03:59	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	17925	No
60	GOM_NL__2PRFIN20050804_080622_000000362039_00336_17925_5444.N1	04-AUG-2005 08:06:22	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17925	No
61	GOM_NL__2PRFIN20050804_081606_000000362039_00336_17925_5445.N1	04-AUG-2005 08:16:06	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	17925	No
62	GOM_NL__2PRFIN20050804_082313_000000382039_00336_17925_5446.N1	04-AUG-2005 08:23:13	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	17925	No
63	GOM_NL__2PRFIN20050804_082704_000000382039_00336_17925_5447.N1	04-AUG-2005 08:27:04	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17925	No
64	GOM_NL__2PRFIN20050804_083112_000000362039_00336_17925_5448.N1	04-AUG-2005 08:31:12	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	17925	No
65	GOM_NL__2PRFIN20050804_083518_000000342039_00336_17925_5449.N1	04-AUG-2005 08:35:18	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	17925	No
66	GOM_NL__2PRFIN20050804_090728_000000382039_00336_17925_5450.N1	04-AUG-2005 09:07:28	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	17925	No
67	GOM_NL__2PRFIN20050804_090919_000000112039_00336_17925_5451.N1	04-AUG-2005 09:09:19	Dark	11.000	179	24Omi2CMa	3.0320	24000.	22	17925	No
68	GOM_NL__2PRFIN20050804_091046_000000402039_00336_17925_5452.N1	04-AUG-2005 09:10:46	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	17925	No
69	GOM_NL__2PRFIN20050804_091731_000000452039_00336_17925_5453.N1	04-AUG-2005 09:17:31	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	17925	No
70	GOM_NL__2PRFIN20050804_092812_000000362039_00337_17926_5442.N1	04-AUG-2005 09:28:12	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17926	No
71	GOM_NL__2PRFIN20050804_093617_000000402039_00337_17926_5443.N1	04-AUG-2005 09:36:17	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	17926	No
72	GOM_NL__2PRFIN20050804_094436_000000382039_00337_17926_5444.N1	04-AUG-2005 09:44:36	Bright	37.500	103	38Zet Sgr	2.6000	9700.0	75	17926	No
73	GOM_NL__2PRFIN20050804_095643_000000352039_00337_17926_5445.N1	04-AUG-2005 09:56:43	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17926	No
74	GOM_NL__2PRFIN20050804_100348_000000372039_00337_17926_5446.N1	04-AUG-2005 10:03:48	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	17926	No
75	GOM_NL__2PRFIN20050804_100740_000000372039_00337_17926_5447.N1	04-AUG-2005 10:07:40	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	17926	No
76	GOM_NL__2PRFIN20050804_101148_000000362039_00337_17926_5448.N1	04-AUG-2005 10:11:48	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	17926	No
77	GOM_NL__2PRFIN20050804_101554_000000382039_00337_17926_5449.N1	04-AUG-2005 10:15:54	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	17926	No
78	GOM_NL__2PRFIN20050804_104804_000000472039_00337_17926_5450.N1	04-AUG-2005 10:48:04	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	17926	No
79	GOM_NL__2PRFIN20050804_104955_000000332039_00337_17926_5451.N1	04-AUG-2005 10:49:55	Dark	33.000	179	24Omi2CMa	3.0320	24000.	66	17926	No
80	GOM_NL__2PRFIN20050804_105122_000000422039_00337_17926_5452.N1	04-AUG-2005 10:51:22	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	17926	No
81	GOM_NL__2PRFIN20050804_105807_000000452039_00337_17926_5453.N1	04-AUG-2005 10:58:07	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	17926	No
82	GOM_NL__2PRFIN20050804_110848_000000382039_00338_17927_5443.N1	04-AUG-2005 11:08:48	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	17927	No
83	GOM_NL__2PRFIN20050804_111653_000000382039_00338_17927_5444.N1	04-AUG-2005 11:16:53	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17927	No
84	GOM_NL__2PRFIN20050804_112512_000000442039_00338_17927_5445.N1	04-AUG-2005 11:25:12	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	17927	No
85	GOM_NL__2PRFIN20050804_112734_000000352039_00338_17927_5446.N1	04-AUG-2005 11:27:34	Bright	35.000	155	41Pi Sgr	2.9000	6600.0	70	17927	No
86	GOM_NL__2PRFIN20050804_113718_000000362039_00338_17927_5447.N1	04-AUG-2005 11:37:18	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	17927	No
87	GOM_NL__2PRFIN20050804_114424_000000352039_00338_17927_5448.N1	04-AUG-2005 11:44:24	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	17927	No
88	GOM_NL__2PRFIN20050804_114816_000000382039_00338_17927_5449.N1	04-AUG-2005 11:48:16	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17927	No
89	GOM_NL__2PRFIN20050804_115224_000000382039_00338_17927_5450.N1	04-AUG-2005 11:52:24	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	17927	No
90	GOM_NL__2PRFIN20050804_115630_000000362039_00338_17927_5451.N1	04-AUG-2005 11:56:30	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	17927	No
91	GOM_NL__2PRFIN20050804_122840_000000372039_00338_17927_5452.N1	04-AUG-2005 12:28:40	Dark	37.000	1	9Alp CMa	-1.4400	11000.	74	17927	No
92	GOM_NL__2PRFIN20050804_123031_000000332039_00338_17927_5453.N1	04-AUG-2005 12:30:31	Dark	33.000	179	24Omi2CMa	3.0320	24000.	66	17927	No
93	GOM_NL__2PRFIN20050804_123158_000000402039_00338_17927_5454.N1	04-AUG-2005 12:31:58	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	17927	No
94	GOM_NL__2PRFIN20050804_123843_000000512039_00338_17927_5455.N1	04-AUG-2005 12:38:43	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	17927	No
95	GOM_NL__2PRFIN20050804_124924_000000392039_00339_17928_5444.N1	04-AUG-2005 12:49:24	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	17928	No
96	GOM_NL__2PRFIN20050804_125730_000000402039_00339_17928_5445.N1	04-AUG-2005 12:57:30	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	17928	No
97	GOM_NL__2PRFIN20050804_130548_000000402039_00339_17928_5446.N1	04-AUG-2005 13:05:48	Bright	40.000	103	38Zet Sgr	2.6000	9700.0	80	17928	No
98	GOM_NL__2PRFIN20050804_130810_000000372039_00339_17928_5447.N1	04-AUG-2005 13:08:10	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17928	No
99	GOM_NL__2PRFIN20050804_131754_000000342039_00339_17928_5448.N1	04-AUG-2005 13:17:54	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	17928	No
100	GOM_NL__2PRFIN20050804_132500_000000352039_00339_17928_5449.N1	04-AUG-2005 13:25:00	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	17928	No
101	GOM_NL__2PRFIN20050804_132852_000000382039_00339_17928_5450.N1	04-AUG-2005 13:28:52	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17928	No



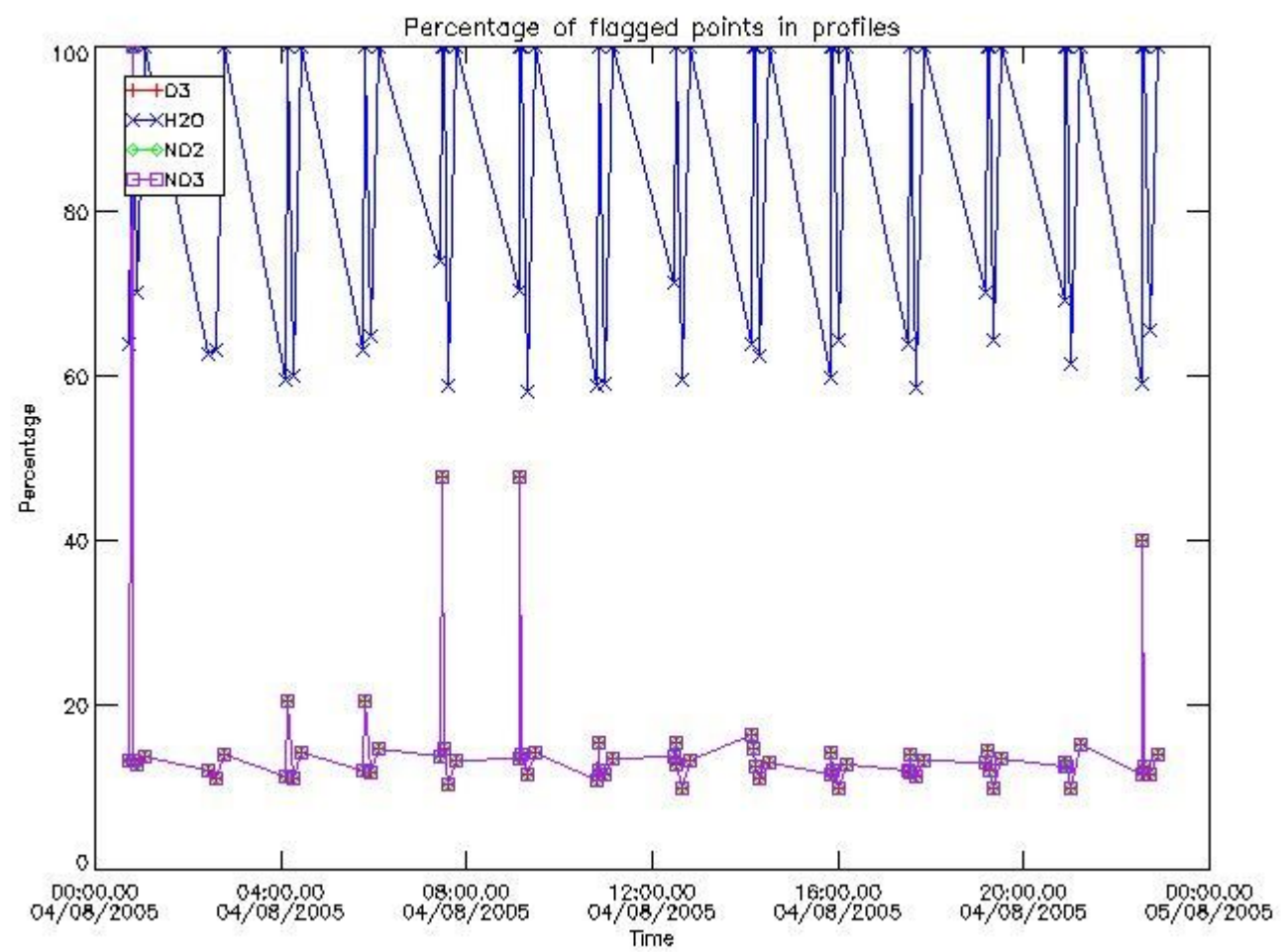


161	GOM_NL__2PRFIN20050804_212030_000000392039_00344_17933_5469.N1	04-AUG-2005 21:20:30	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	17933	No
162	GOM_NL__2PRFIN20050804_212848_000000412039_00344_17933_5470.N1	04-AUG-2005 21:28:48	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17933	No
163	GOM_NL__2PRFIN20050804_213111_000000362039_00344_17933_5471.N1	04-AUG-2005 21:31:11	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17933	No
164	GOM_NL__2PRFIN20050804_214055_000000352039_00344_17933_5472.N1	04-AUG-2005 21:40:55	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17933	No
165	GOM_NL__2PRFIN20050804_214801_000000372039_00344_17933_5473.N1	04-AUG-2005 21:48:01	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	17933	No
166	GOM_NL__2PRFIN20050804_215153_000000372039_00344_17933_5474.N1	04-AUG-2005 21:51:53	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	17933	No
167	GOM_NL__2PRFIN20050804_215602_000000382039_00344_17933_5475.N1	04-AUG-2005 21:56:02	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	17933	No
168	GOM_NL__2PRFIN20050804_220007_000000362039_00344_17933_5476.N1	04-AUG-2005 22:00:07	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17933	No
169	GOM_NL__2PRFIN20050804_223216_000000452039_00344_17933_5477.N1	04-AUG-2005 22:32:16	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	17933	No
170	GOM_NL__2PRFIN20050804_223407_000000132039_00344_17933_5478.N1	04-AUG-2005 22:34:07	Dark	12.500	179	24Omi 2CMa	3.0320	24000.	25	17933	No
171	GOM_NL__2PRFIN20050804_223533_000000412039_00344_17933_5479.N1	04-AUG-2005 22:35:33	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17933	No
172	GOM_NL__2PRFIN20050804_224219_000000442039_00344_17933_5480.N1	04-AUG-2005 22:42:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	17933	No
173	GOM_NL__2PRFIN20050804_225301_000000372039_00345_17934_5470.N1	04-AUG-2005 22:53:01	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17934	No
174	GOM_NL__2PRFIN20050804_230106_000000472039_00345_17934_5471.N1	04-AUG-2005 23:01:06	Straylight	47.000	45	Alp Pav	1.9400	26000.	94	17934	No
175	GOM_NL__2PRFIN20050804_230924_000000422039_00345_17934_5472.N1	04-AUG-2005 23:09:24	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17934	No
176	GOM_NL__2PRFIN20050804_231147_000000362039_00345_17934_5473.N1	04-AUG-2005 23:11:47	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	17934	No
177	GOM_NL__2PRFIN20050804_232130_000000362039_00345_17934_5474.N1	04-AUG-2005 23:21:30	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	17934	No
178	GOM_NL__2PRFIN20050804_232837_000000362039_00345_17934_5475.N1	04-AUG-2005 23:28:37	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	17934	No
179	GOM_NL__2PRFIN20050804_233229_000000382039_00345_17934_5476.N1	04-AUG-2005 23:32:29	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17934	No
180	GOM_NL__2PRFIN20050804_233638_000000362039_00345_17934_5477.N1	04-AUG-2005 23:36:38	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	17934	No
181	GOM_NL__2PRFIN20050804_234043_000000382039_00345_17934_5478.N1	04-AUG-2005 23:40:43	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	17934	No

### 3. Quality information per product

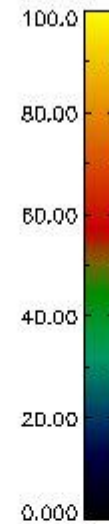
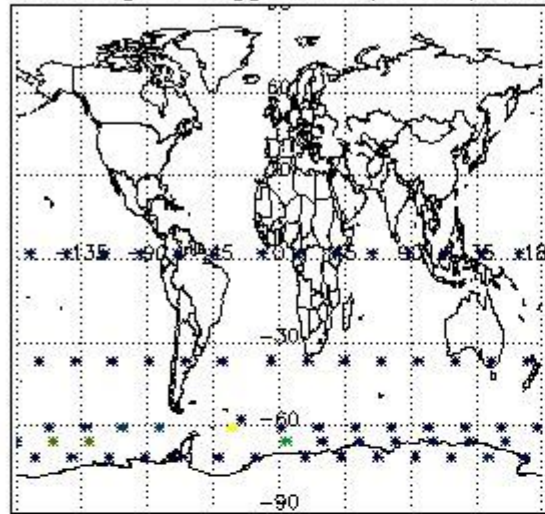
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

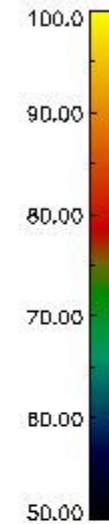
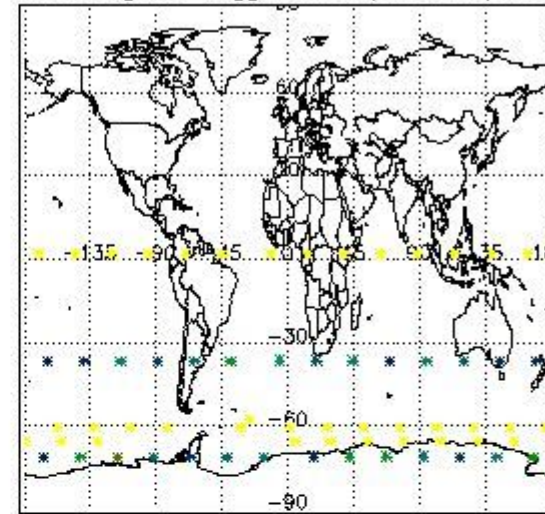


3.2 Plot quality information per product (world map)

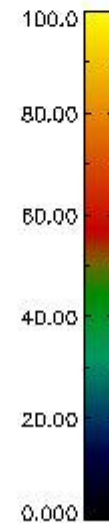
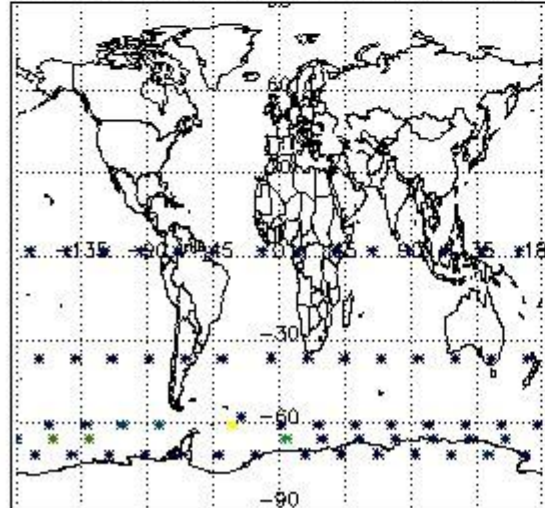
Percentage of flagged data per O3 profile



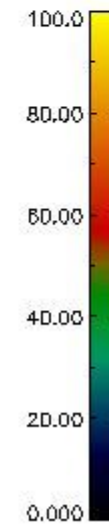
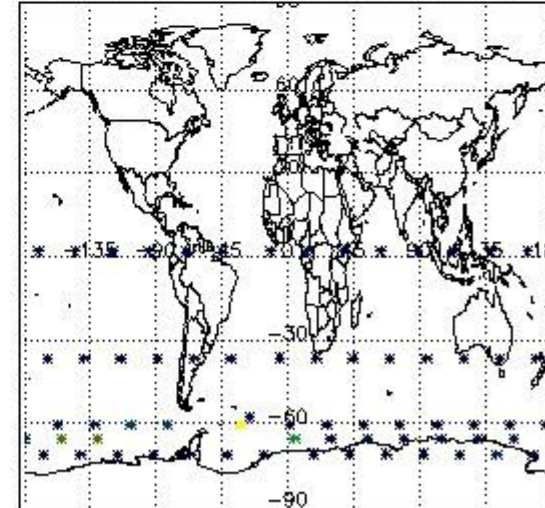
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

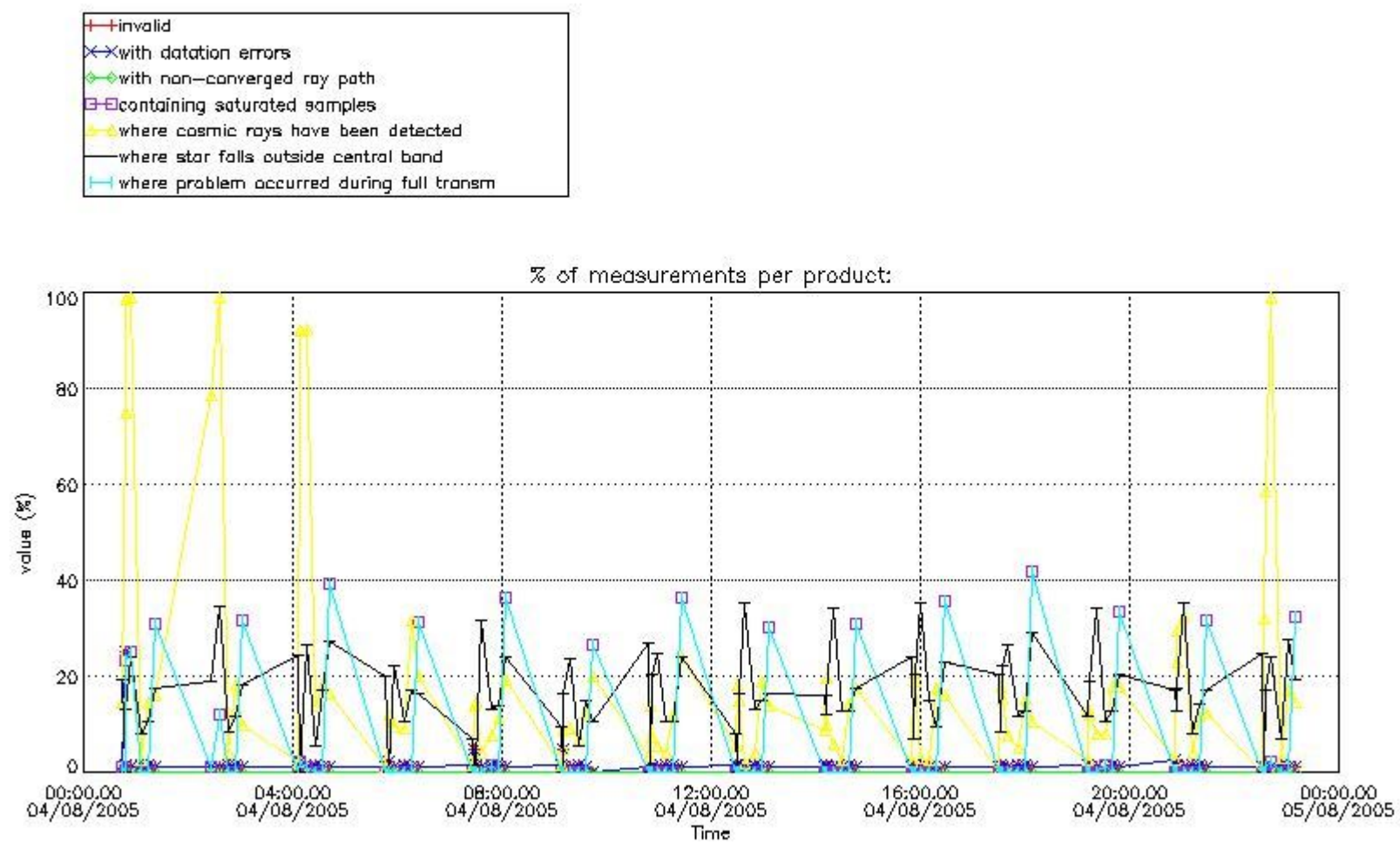


#### 4. Level 1 quality information per product

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

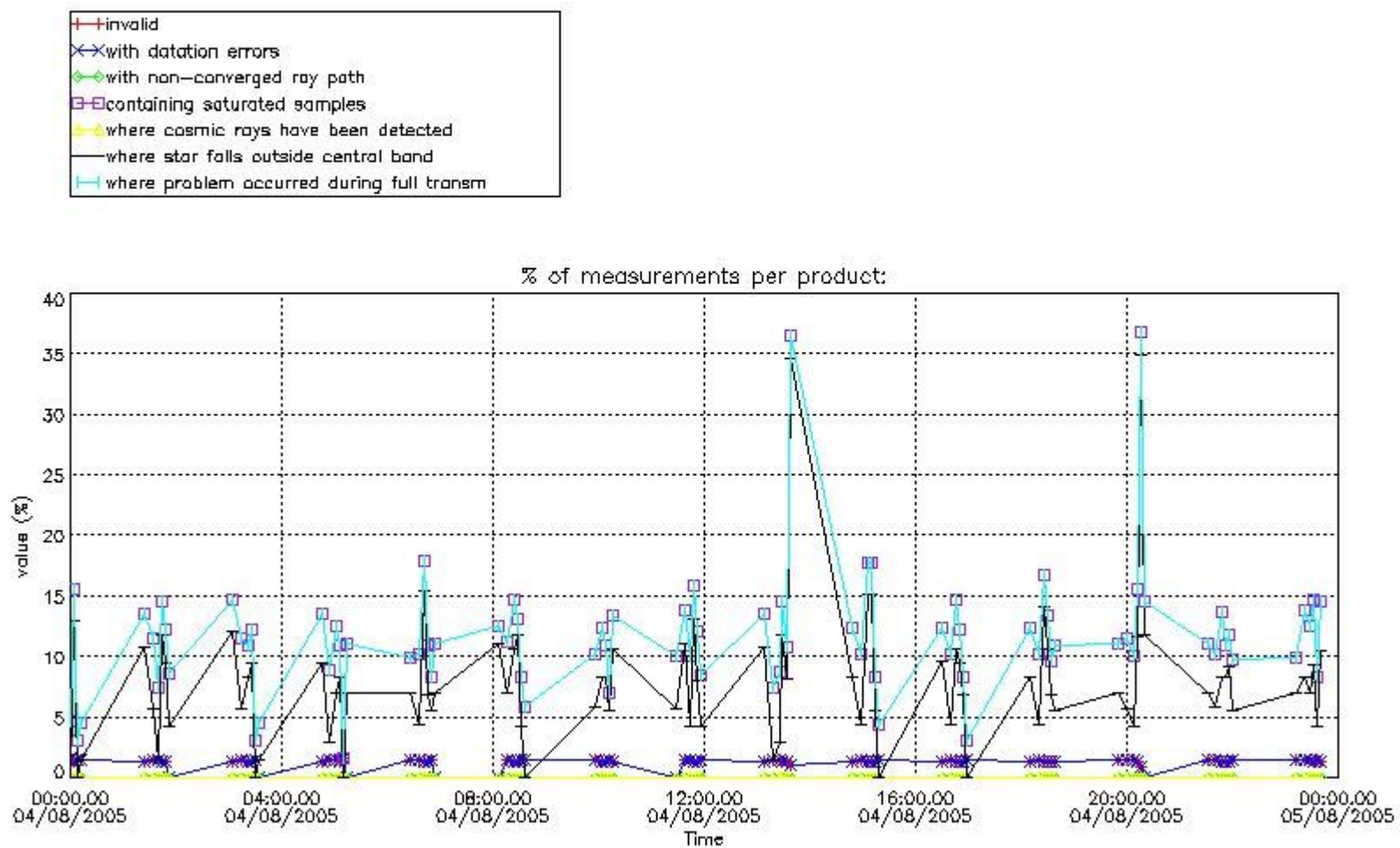
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



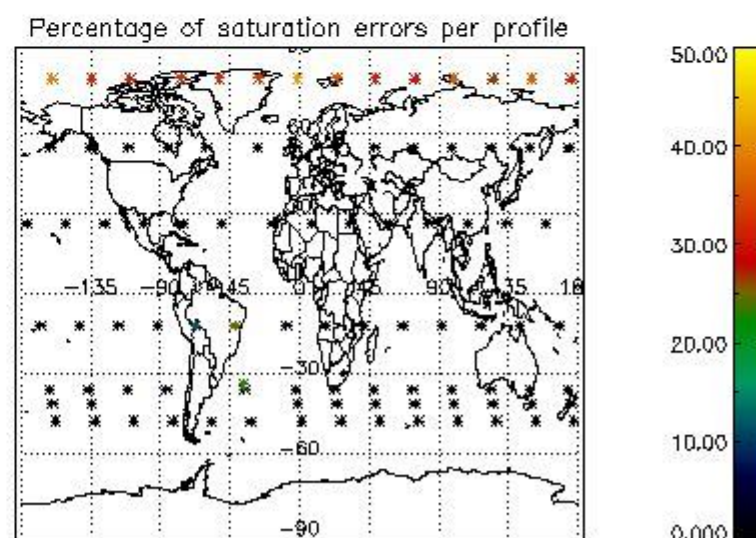
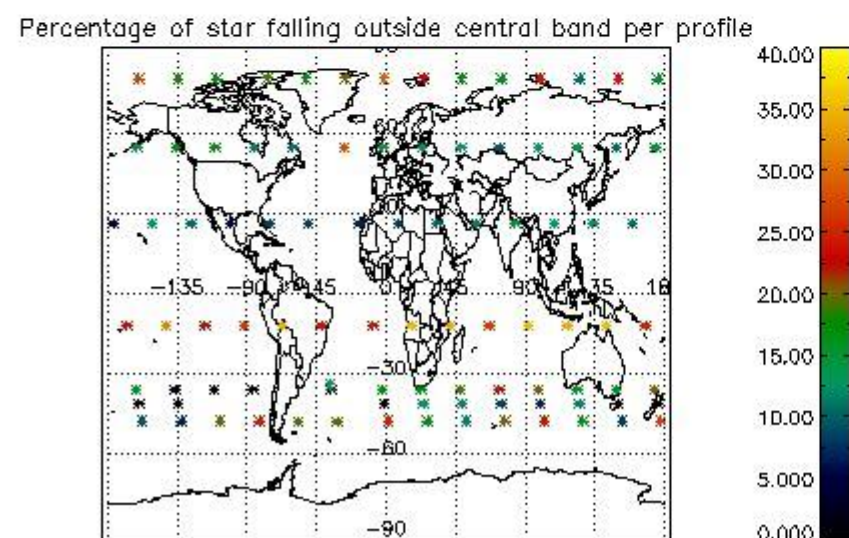
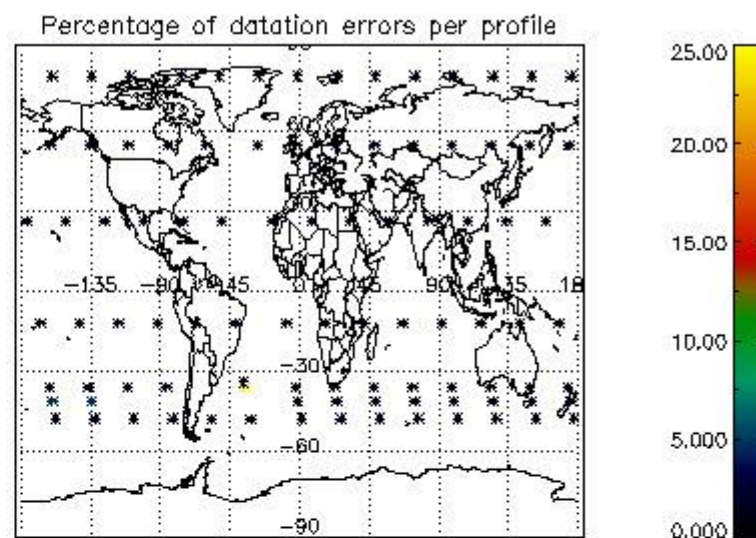
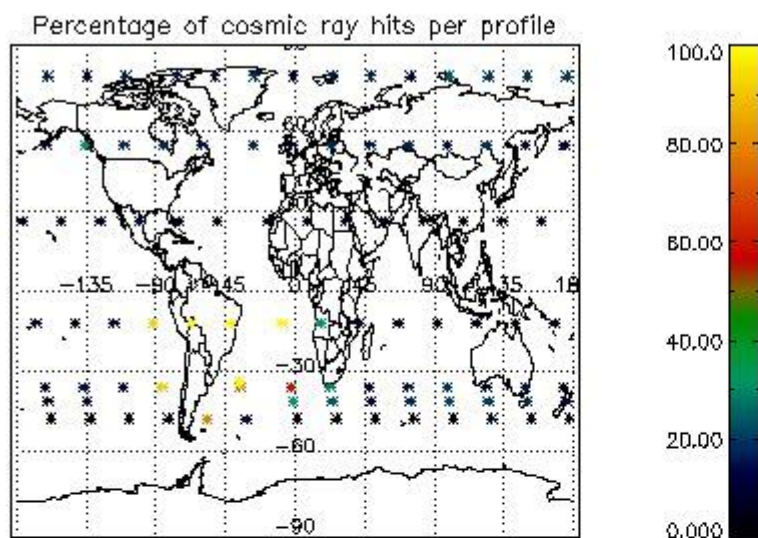
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





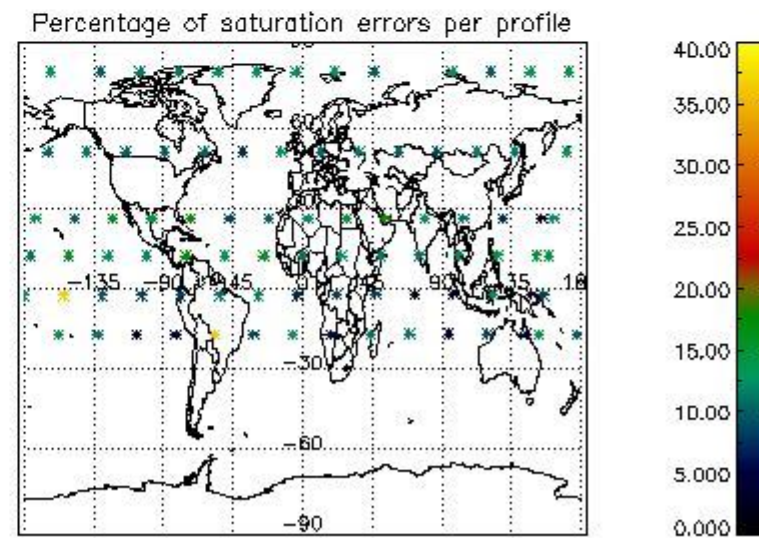
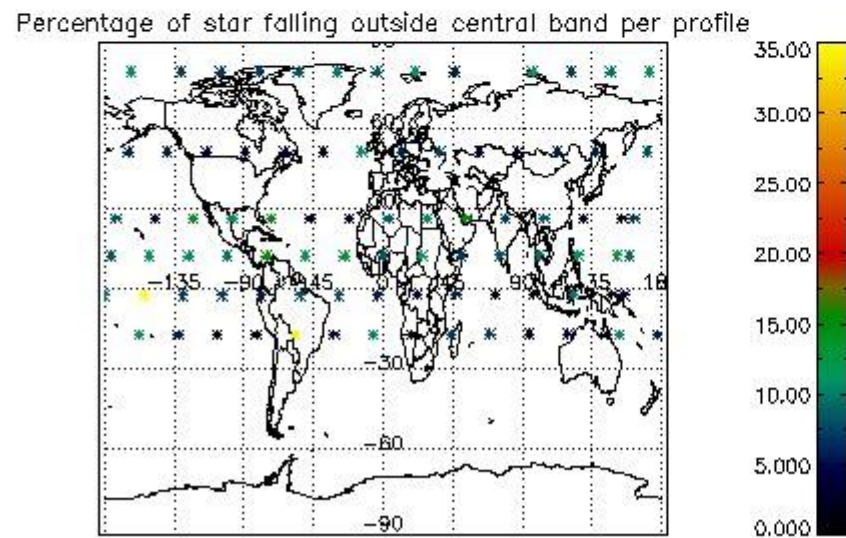
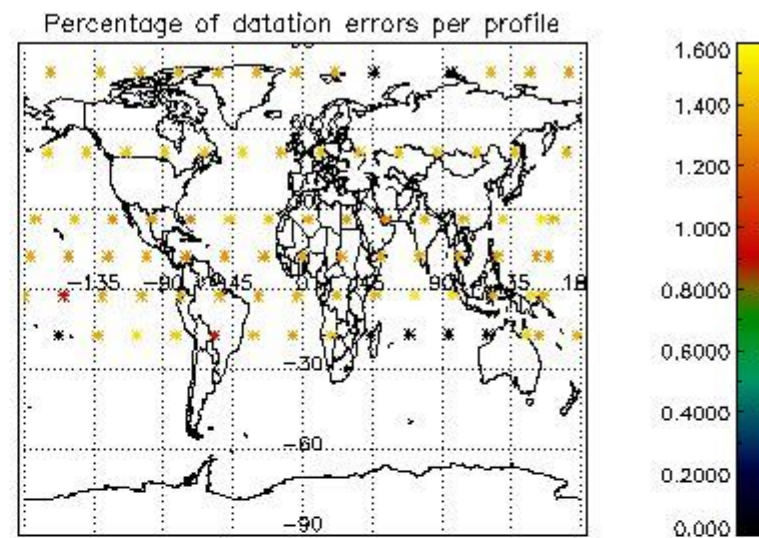
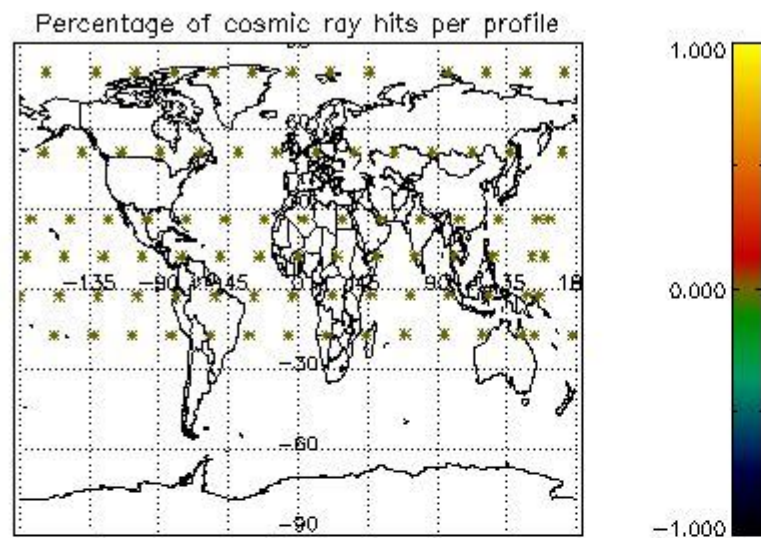
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

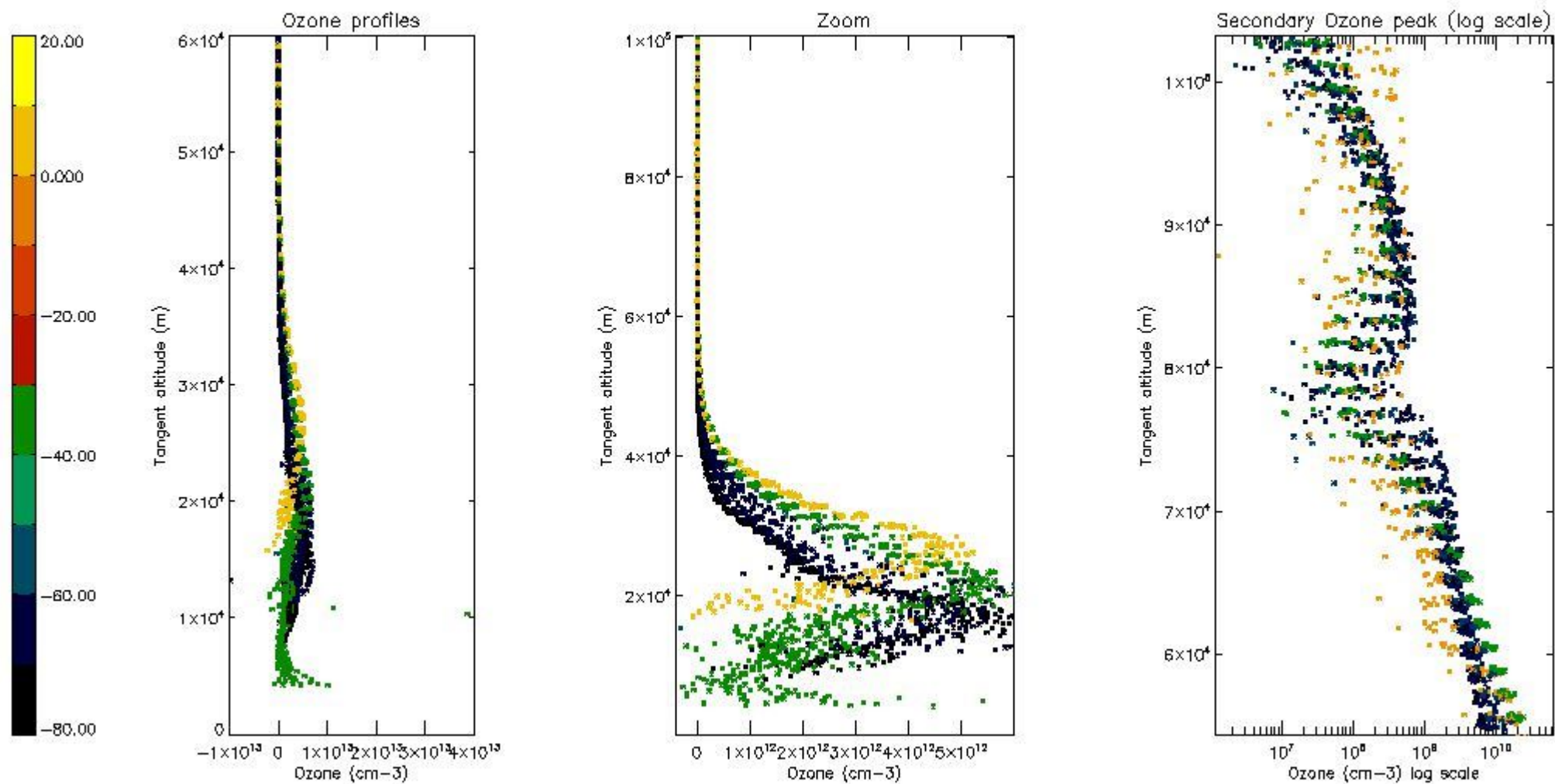
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	26

STD < 10	22
STD < 5	17

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

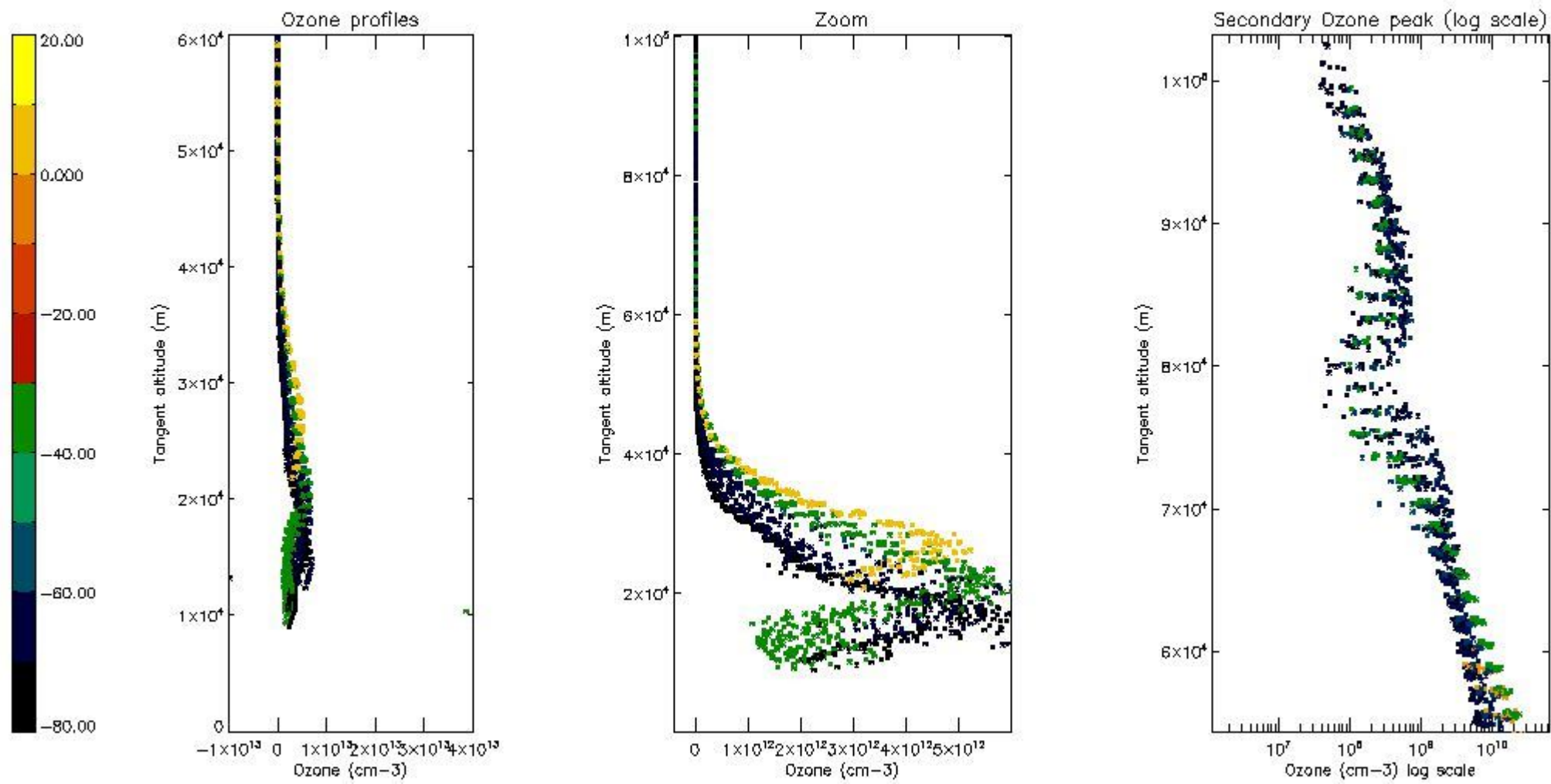
The colorbar represents the latitude.



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

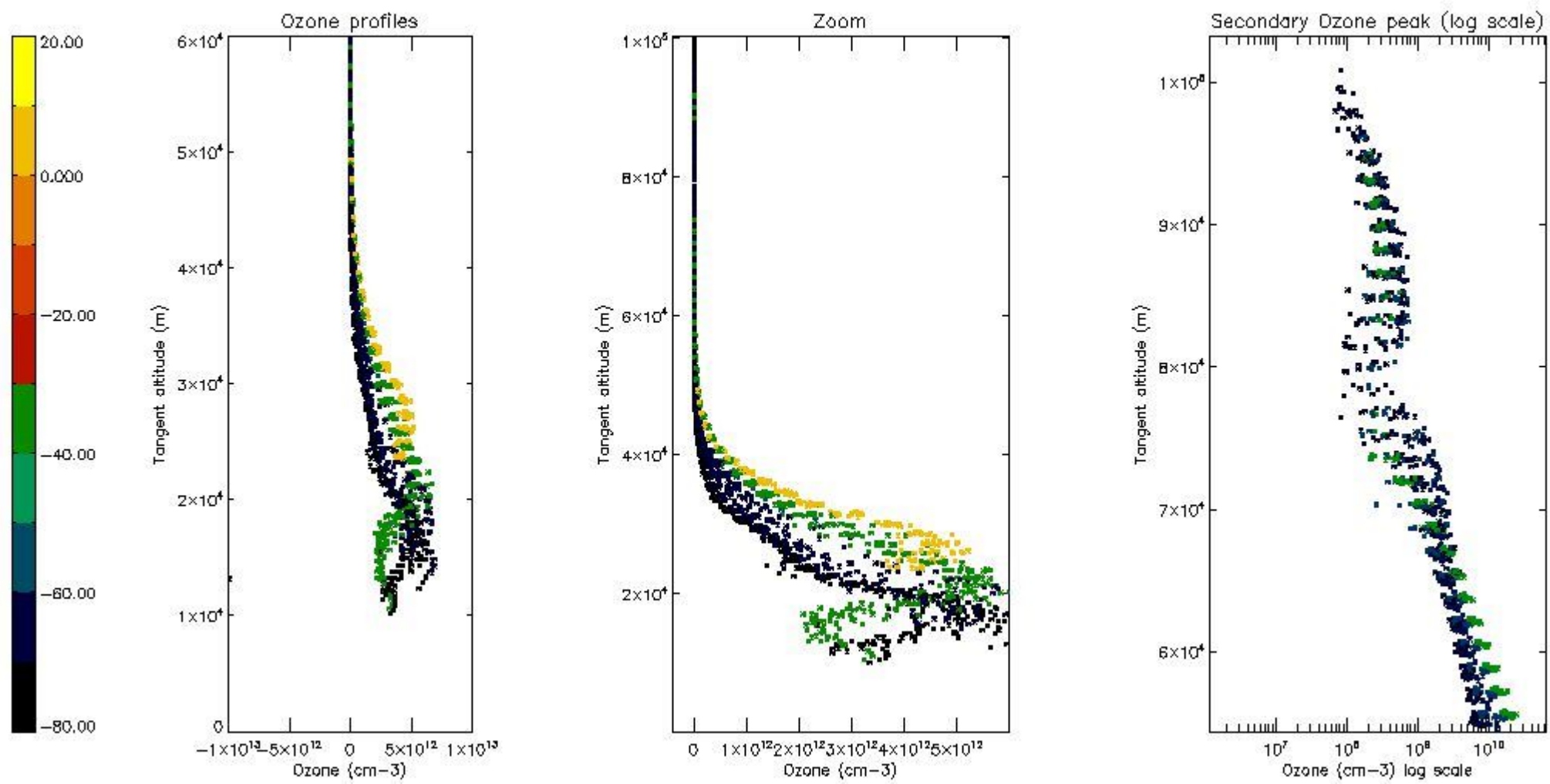
The colorbar represents the latitude.





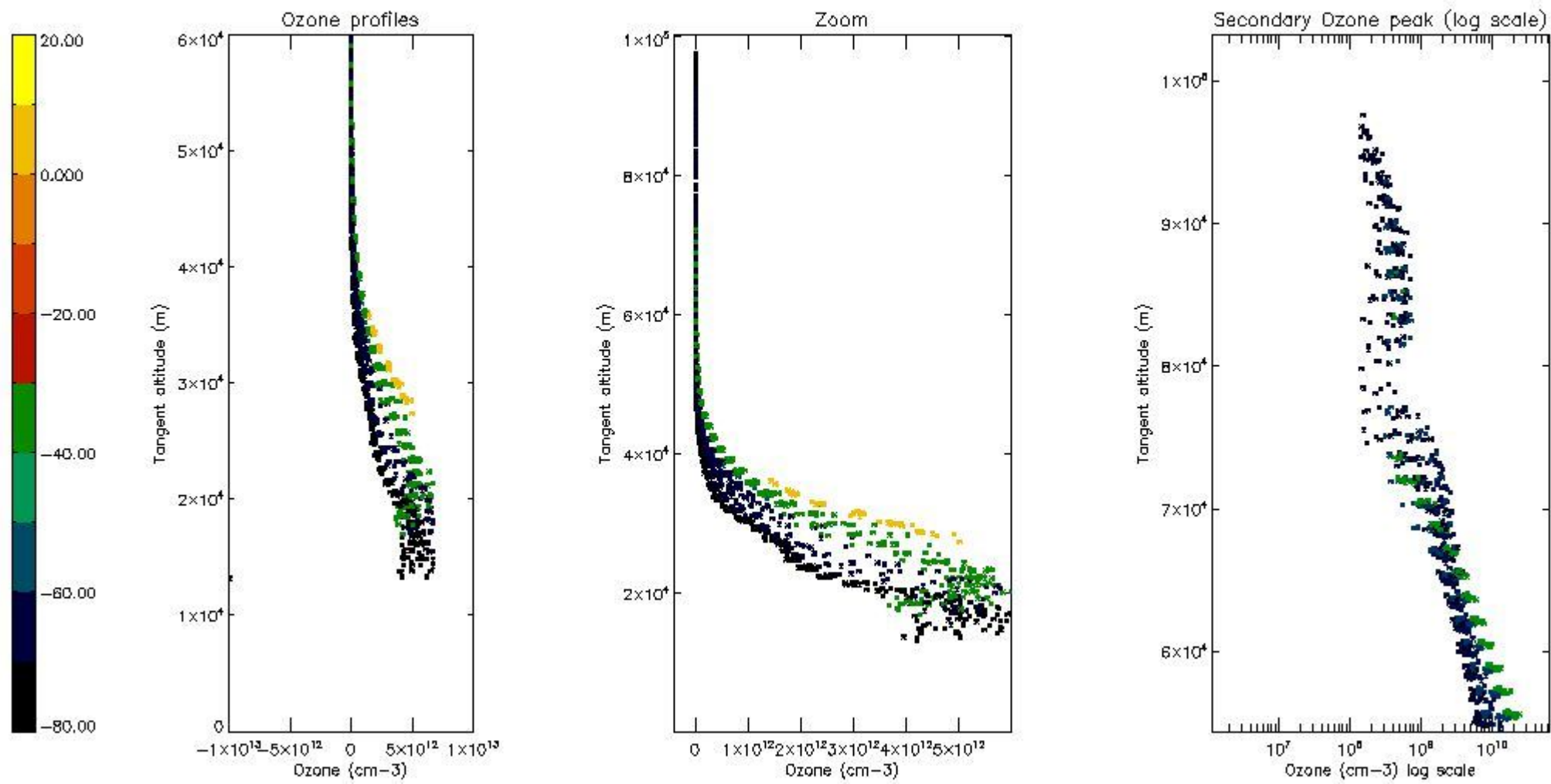
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



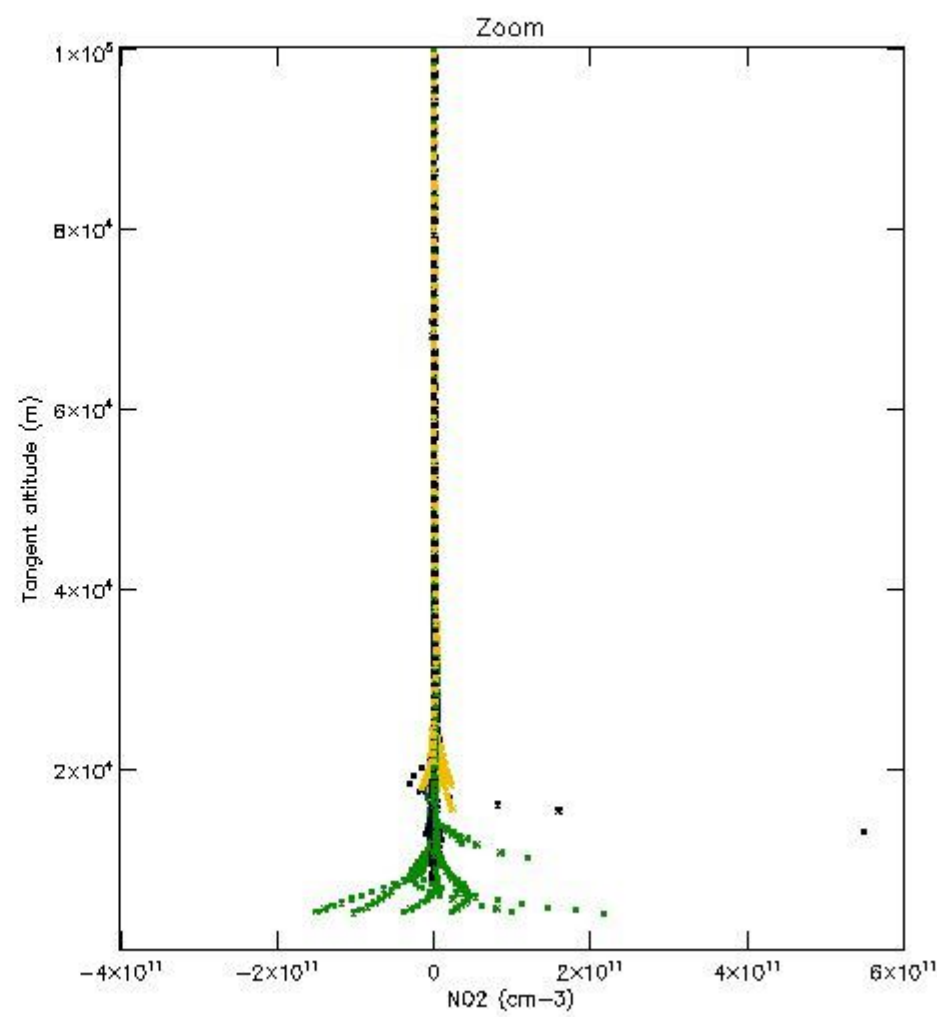
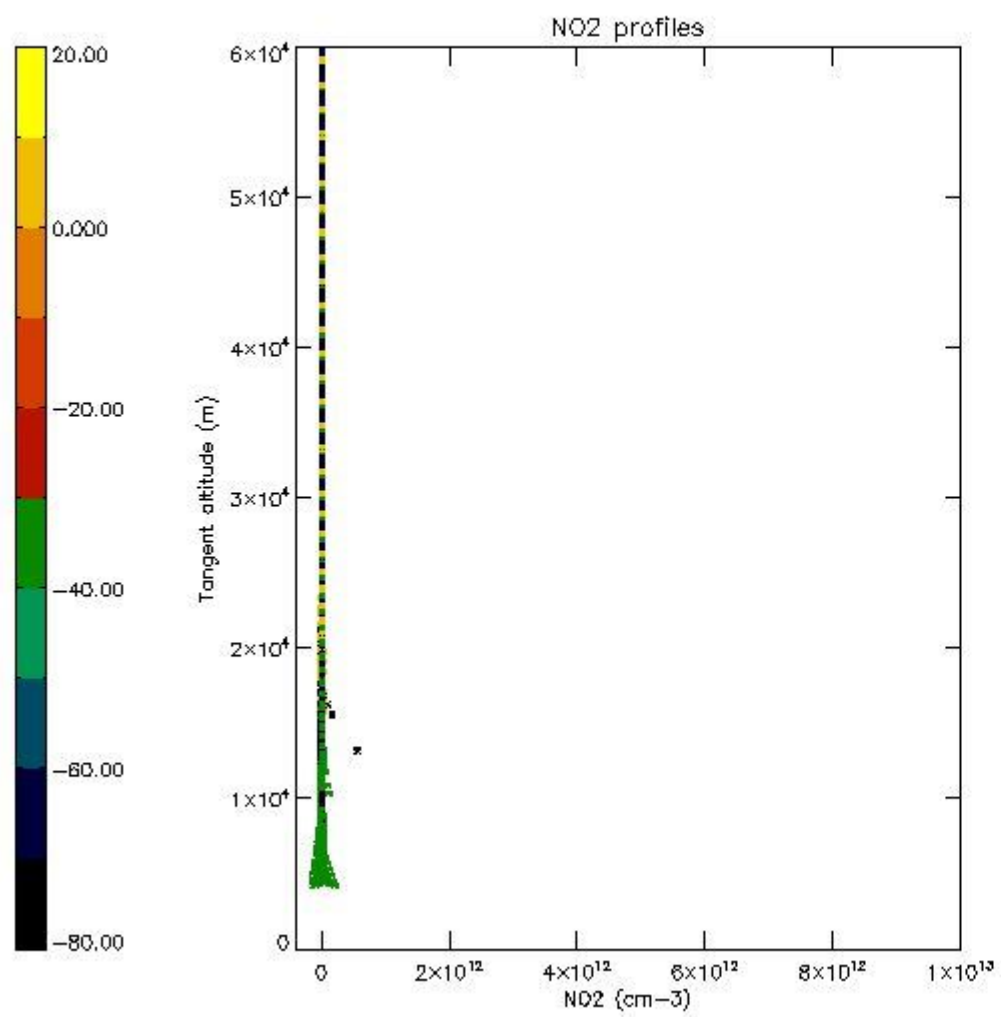
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

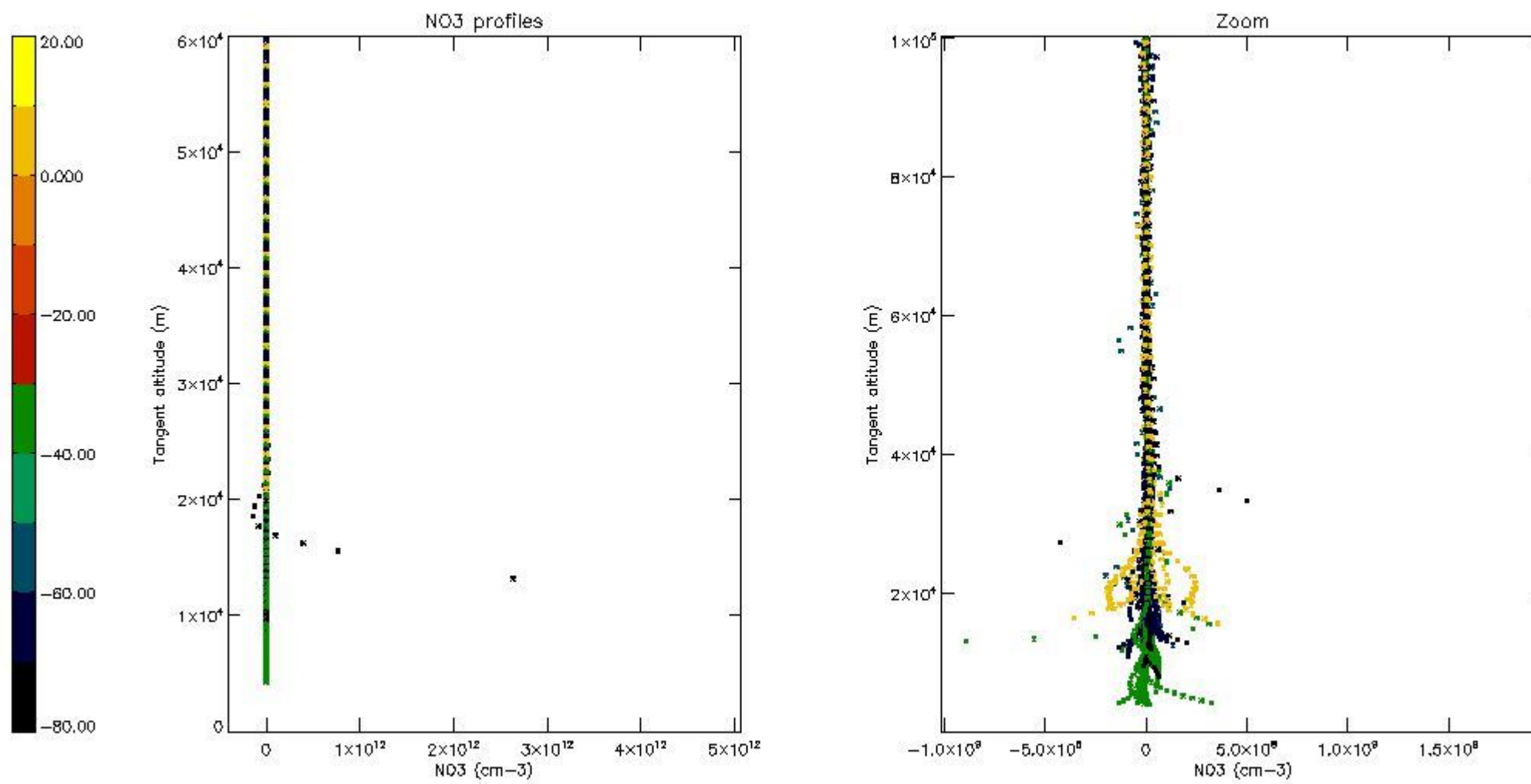
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-AUG-2005 00:00:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-AUG-2005 00:00:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-AUG-2005 00:00:12

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

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

### [3. Level 2 Quality information per product](#)

#### [3.1 Plot of level 2 quality information per product \(time dependant\)](#)

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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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 10:19:41
Data source version	GOMOS/6.01
Start time of products	04-08-2005 (04AUG2005 00:00:00)
Stop time of products	05-08-2005 (05AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	181
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__2PRFIN20050804_000012_000000332039_00331_17920_5427.N1	04-AUG-2005 00:00:12	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	17920	No
2	GOM_NL__2PRFIN20050804_000403_000000392039_00331_17920_5428.N1	04-AUG-2005 00:04:03	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	17920	No
3	GOM_NL__2PRFIN20050804_000810_000000332039_00331_17920_5429.N1	04-AUG-2005 00:08:10	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	17920	No
4	GOM_NL__2PRFIN20050804_001217_000000342039_00331_17920_5430.N1	04-AUG-2005 00:12:17	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	17920	No
5	GOM_NL__2PRFIN20050804_004427_000000422039_00331_17920_5431.N1	04-AUG-2005 00:44:27	Dark	41.500	1	9Alp CMa	-1.4400	11000.	83	17920	No
6	GOM_NL__2PRFIN20050804_004746_000000022039_00331_17920_5432.N1	04-AUG-2005 00:47:46	Dark	2.0000	23	21Eps CMa	1.5020	26000.	4	17920	No
7	GOM_NL__2PRFIN20050804_004823_000000392039_00331_17920_5433.N1	04-AUG-2005 00:48:23	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	17920	No
8	GOM_NL__2PRFIN20050804_005431_000000442039_00331_17920_5434.N1	04-AUG-2005 00:54:31	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	17920	No
9	GOM_NL__2PRFIN20050804_010511_000000372039_00332_17921_5793.N1	04-AUG-2005 01:05:11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	17921	No
10	GOM_NL__2PRFIN20050804_011317_000000382039_00332_17921_5794.N1	04-AUG-2005 01:13:17	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	17921	No
11	GOM_NL__2PRFIN20050804_012135_000000412039_00332_17921_5795.N1	04-AUG-2005 01:21:35	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	17921	No
12	GOM_NL__2PRFIN20050804_012358_000000372039_00332_17921_5796.N1	04-AUG-2005 01:23:58	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17921	No
13	GOM_NL__2PRFIN20050804_013342_000000352039_00332_17921_5797.N1	04-AUG-2005 01:33:42	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17921	No
14	GOM_NL__2PRFIN20050804_014048_000000342039_00332_17921_5798.N1	04-AUG-2005 01:40:48	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	17921	No
15	GOM_NL__2PRFIN20050804_014439_000000382039_00332_17921_5799.N1	04-AUG-2005 01:44:39	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	17921	No
16	GOM_NL__2PRFIN20050804_014847_000000372039_00332_17921_5800.N1	04-AUG-2005 01:48:47	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	17921	No
17	GOM_NL__2PRFIN20050804_015253_000000352039_00332_17921_5801.N1	04-AUG-2005 01:52:53	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	17921	No
18	GOM_NL__2PRFIN20050804_022503_000000422039_00332_17921_5802.N1	04-AUG-2005 02:25:03	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	17921	No
19	GOM_NL__2PRFIN20050804_023507_000000512039_00332_17921_5803.N1	04-AUG-2005 02:35:07	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	17921	No
20	GOM_NL__2PRFIN20050804_024547_000000372039_00333_17922_5795.N1	04-AUG-2005 02:45:47	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17922	No
21	GOM_NL__2PRFIN20050804_025353_000000392039_00333_17922_5796.N1	04-AUG-2005 02:53:53	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	17922	No
22	GOM_NL__2PRFIN20050804_030211_000000412039_00333_17922_5797.N1	04-AUG-2005 03:02:11	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17922	No
23	GOM_NL__2PRFIN20050804_030434_000000382039_00333_17922_5798.N1	04-AUG-2005 03:04:34	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	17922	No
24	GOM_NL__2PRFIN20050804_031418_000000352039_00333_17922_5799.N1	04-AUG-2005 03:14:18	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	17922	No
25	GOM_NL__2PRFIN20050804_032124_000000372039_00333_17922_5800.N1	04-AUG-2005 03:21:24	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	17922	No
26	GOM_NL__2PRFIN20050804_032516_000000372039_00333_17922_5801.N1	04-AUG-2005 03:25:16	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	17922	No
27	GOM_NL__2PRFIN20050804_032923_000000332039_00333_17922_5802.N1	04-AUG-2005 03:29:23	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	17922	No
28	GOM_NL__2PRFIN20050804_033329_000000332039_00333_17922_5803.N1	04-AUG-2005 03:33:29	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	17922	No
29	GOM_NL__2PRFIN20050804_040539_000000452039_00333_17922_5804.N1	04-AUG-2005 04:05:39	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	17922	No
30	GOM_NL__2PRFIN20050804_040858_000000252039_00333_17922_5805.N1	04-AUG-2005 04:08:58	Dark	25.000	23	21Eps CMa	1.5020	26000.	50	17922	No
31	GOM_NL__2PRFIN20050804_041543_000000462039_00333_17922_5806.N1	04-AUG-2005 04:15:43	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	17922	No
32	GOM_NL__2PRFIN20050804_042624_000000362039_00334_17923_5797.N1	04-AUG-2005 04:26:24	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	17923	No
33	GOM_NL__2PRFIN20050804_043429_000000412039_00334_17923_5798.N1	04-AUG-2005 04:34:29	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	17923	No
34	GOM_NL__2PRFIN20050804_044247_000000462039_00334_17923_5799.N1	04-AUG-2005 04:42:47	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	17923	No
35	GOM_NL__2PRFIN20050804_044510_000000372039_00334_17923_5800.N1	04-AUG-2005 04:45:10	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	17923	No
36	GOM_NL__2PRFIN20050804_045454_000000342039_00334_17923_5801.N1	04-AUG-2005 04:54:54	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	17923	No
37	GOM_NL__2PRFIN20050804_050200_000000362039_00334_17923_5802.N1	04-AUG-2005 05:02:00	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	17923	No
38	GOM_NL__2PRFIN20050804_050552_000000372039_00334_17923_5803.N1	04-AUG-2005 05:05:52	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	17923	No
39	GOM_NL__2PRFIN20050804_050959_000000332039_00334_17923_5804.N1	04-AUG-2005 05:09:59	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	17923	No
40	GOM_NL__2PRFIN20050804_051405_000000362039_00334_17923_5805.N1	04-AUG-2005 05:14:05	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17923	No
41	GOM_NL__2PRFIN20050804_054615_000000432039_00334_17923_5806.N1	04-AUG-2005 05:46:15	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	17923	No
42	GOM_NL__2PRFIN20050804_054934_000000252039_00334_17923_5807.N1	04-AUG-2005 05:49:34	Dark	25.000	23	21Eps CMa	1.5020	26000.	50	17923	No





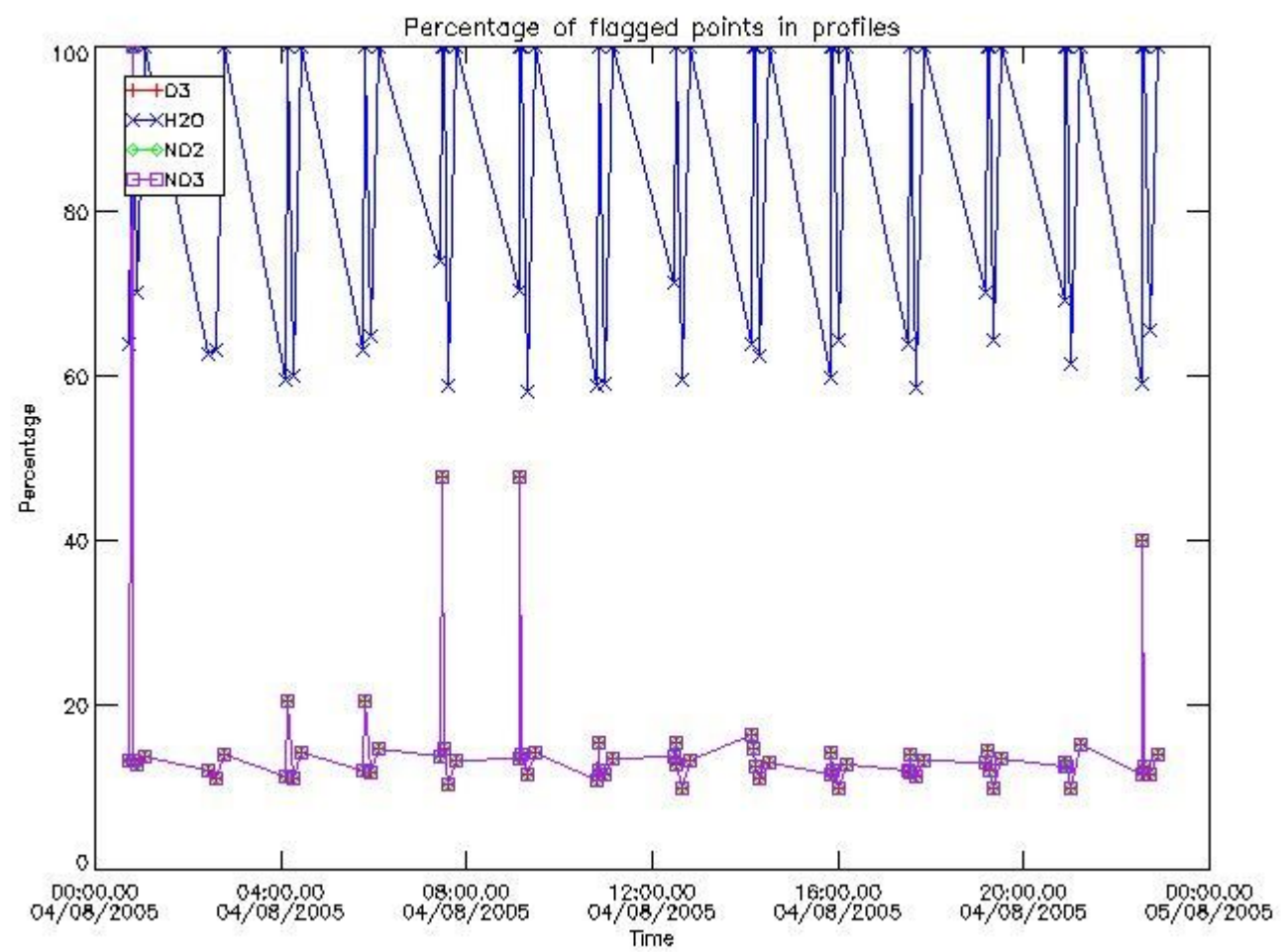


161	GOM_NL__2PRFIN20050804_212030_000000392039_00344_17933_5469.N1	04-AUG-2005 21:20:30	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	17933	No
162	GOM_NL__2PRFIN20050804_212848_000000412039_00344_17933_5470.N1	04-AUG-2005 21:28:48	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	17933	No
163	GOM_NL__2PRFIN20050804_213111_000000362039_00344_17933_5471.N1	04-AUG-2005 21:31:11	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	17933	No
164	GOM_NL__2PRFIN20050804_214055_000000352039_00344_17933_5472.N1	04-AUG-2005 21:40:55	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	17933	No
165	GOM_NL__2PRFIN20050804_214801_000000372039_00344_17933_5473.N1	04-AUG-2005 21:48:01	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	17933	No
166	GOM_NL__2PRFIN20050804_215153_000000372039_00344_17933_5474.N1	04-AUG-2005 21:51:53	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	17933	No
167	GOM_NL__2PRFIN20050804_215602_000000382039_00344_17933_5475.N1	04-AUG-2005 21:56:02	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	17933	No
168	GOM_NL__2PRFIN20050804_220007_000000362039_00344_17933_5476.N1	04-AUG-2005 22:00:07	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	17933	No
169	GOM_NL__2PRFIN20050804_223216_000000452039_00344_17933_5477.N1	04-AUG-2005 22:32:16	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	17933	No
170	GOM_NL__2PRFIN20050804_223407_000000132039_00344_17933_5478.N1	04-AUG-2005 22:34:07	Dark	12.500	179	24Omi 2CMa	3.0320	24000.	25	17933	No
171	GOM_NL__2PRFIN20050804_223533_000000412039_00344_17933_5479.N1	04-AUG-2005 22:35:33	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	17933	No
172	GOM_NL__2PRFIN20050804_224219_000000442039_00344_17933_5480.N1	04-AUG-2005 22:42:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	17933	No
173	GOM_NL__2PRFIN20050804_225301_000000372039_00345_17934_5470.N1	04-AUG-2005 22:53:01	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	17934	No
174	GOM_NL__2PRFIN20050804_230106_000000472039_00345_17934_5471.N1	04-AUG-2005 23:01:06	Straylight	47.000	45	Alp Pav	1.9400	26000.	94	17934	No
175	GOM_NL__2PRFIN20050804_230924_000000422039_00345_17934_5472.N1	04-AUG-2005 23:09:24	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	17934	No
176	GOM_NL__2PRFIN20050804_231147_000000362039_00345_17934_5473.N1	04-AUG-2005 23:11:47	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	17934	No
177	GOM_NL__2PRFIN20050804_232130_000000362039_00345_17934_5474.N1	04-AUG-2005 23:21:30	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	17934	No
178	GOM_NL__2PRFIN20050804_232837_000000362039_00345_17934_5475.N1	04-AUG-2005 23:28:37	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	17934	No
179	GOM_NL__2PRFIN20050804_233229_000000382039_00345_17934_5476.N1	04-AUG-2005 23:32:29	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	17934	No
180	GOM_NL__2PRFIN20050804_233638_000000362039_00345_17934_5477.N1	04-AUG-2005 23:36:38	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	17934	No
181	GOM_NL__2PRFIN20050804_234043_000000382039_00345_17934_5478.N1	04-AUG-2005 23:40:43	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	17934	No

### *3. Quality information per product*

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

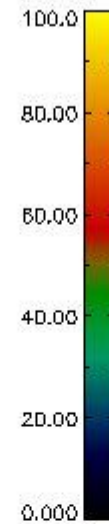
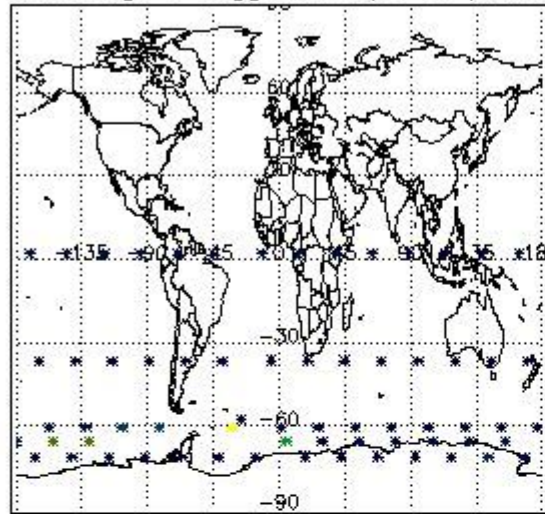
#### *3.1 Plot quality information per product (time dependant)*



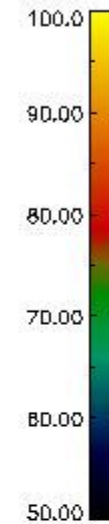
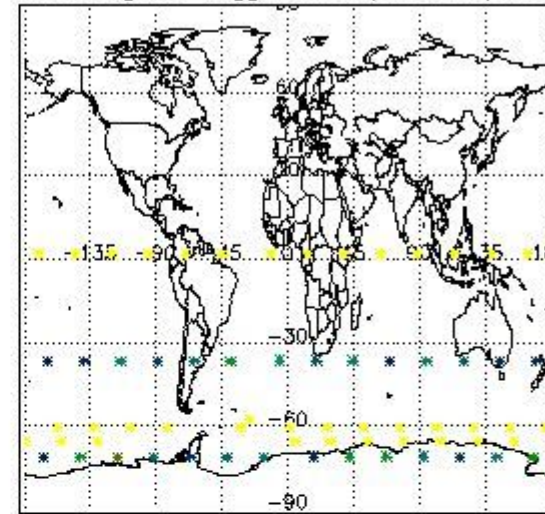
3.2 Plot quality information per product (world map)



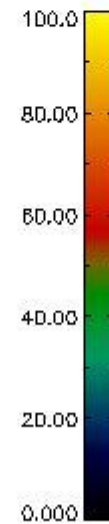
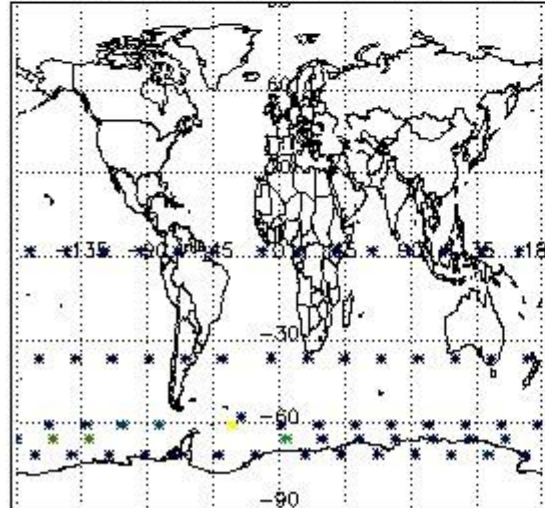
Percentage of flagged data per O3 profile



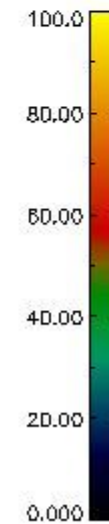
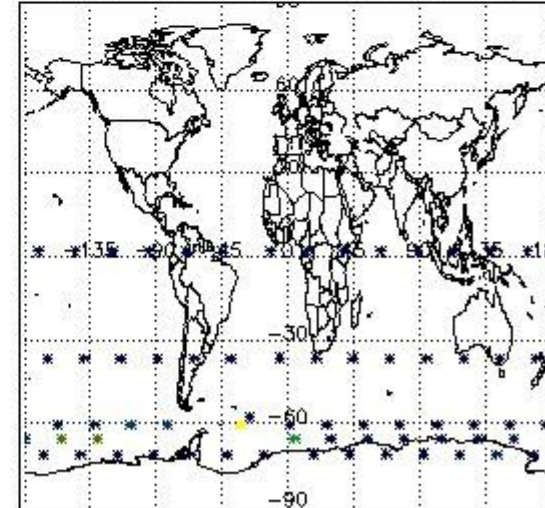
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



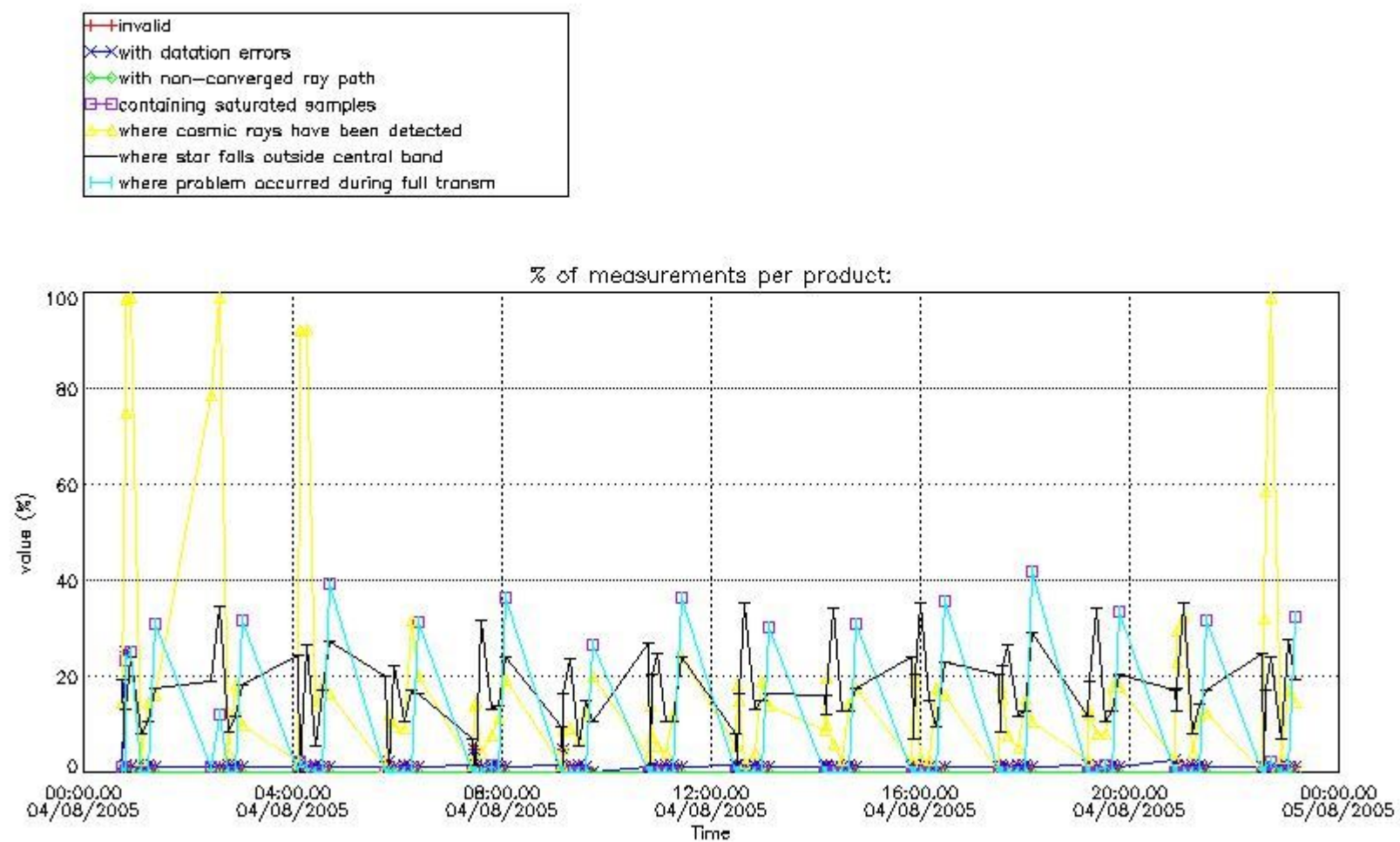
#### 4. Level 1 quality information per product

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

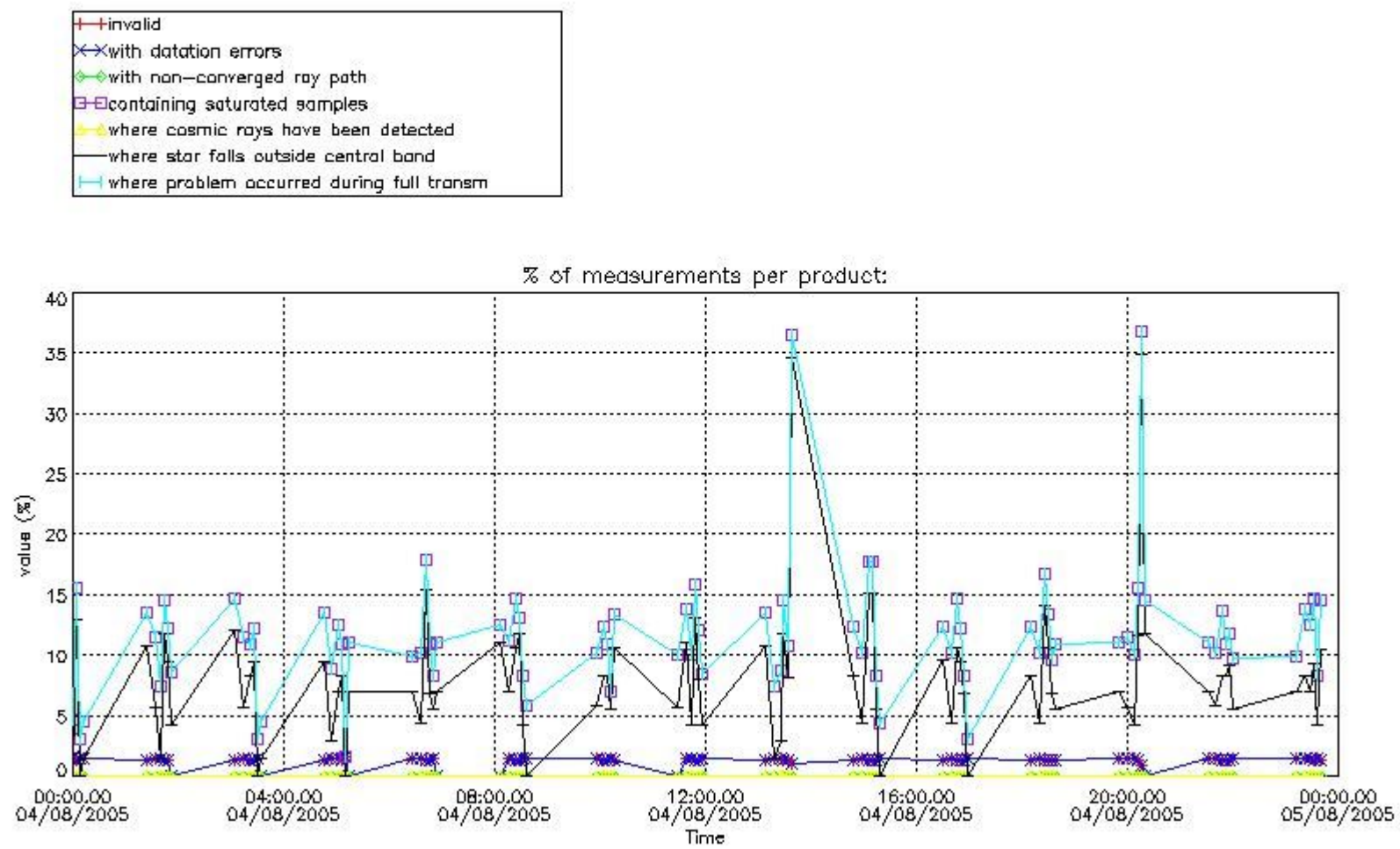
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



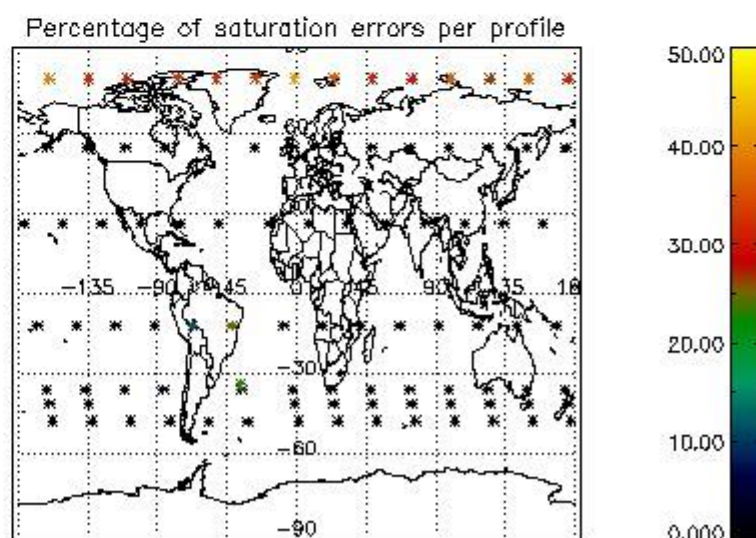
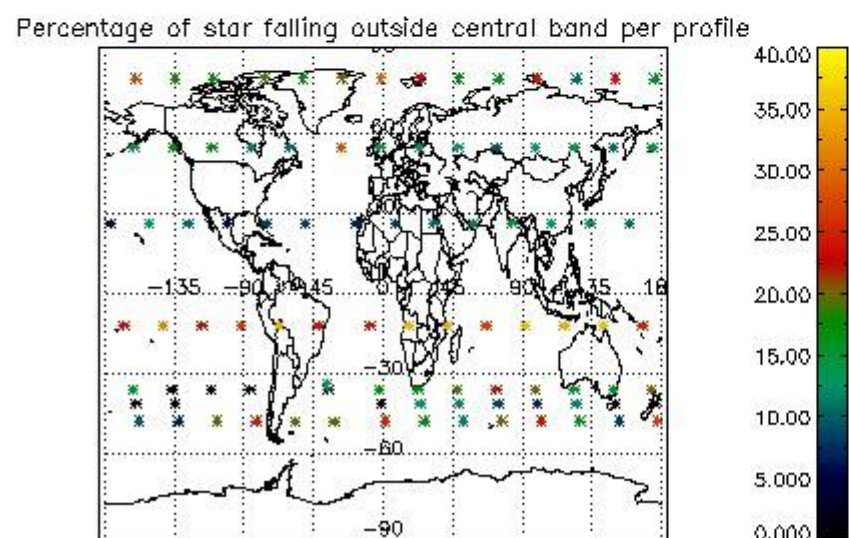
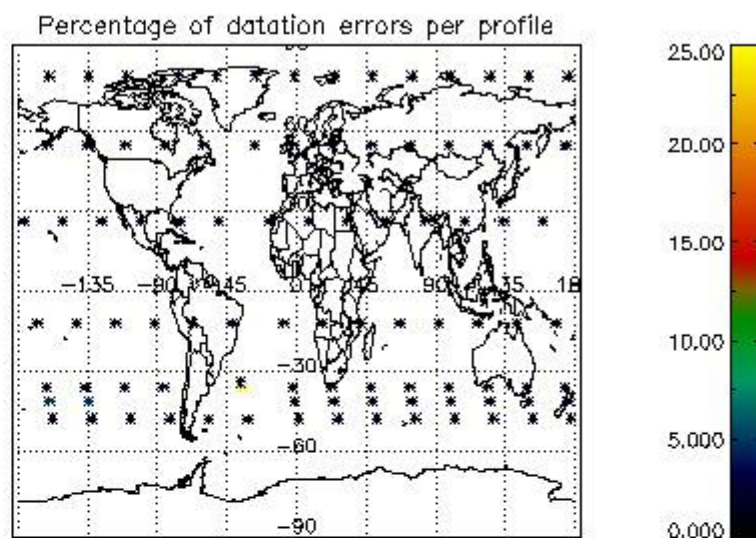
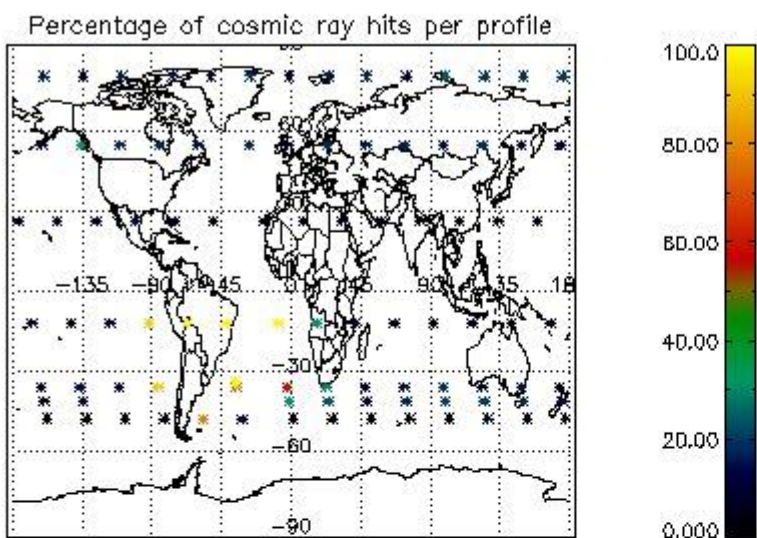


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

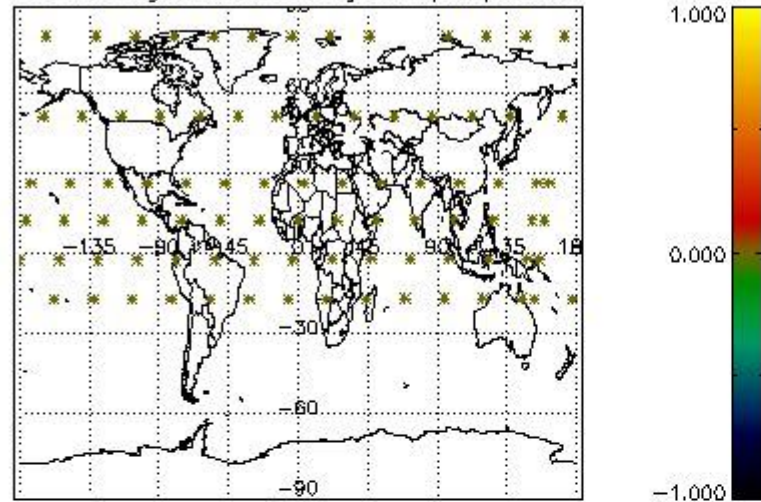
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



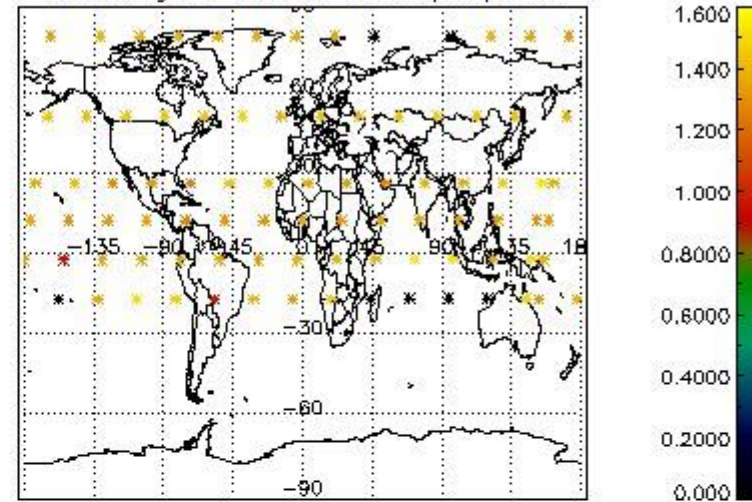
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



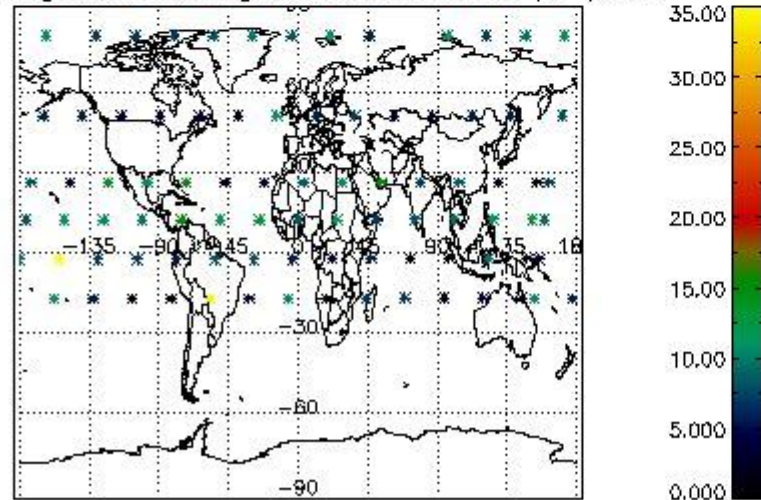
Percentage of cosmic ray hits per profile



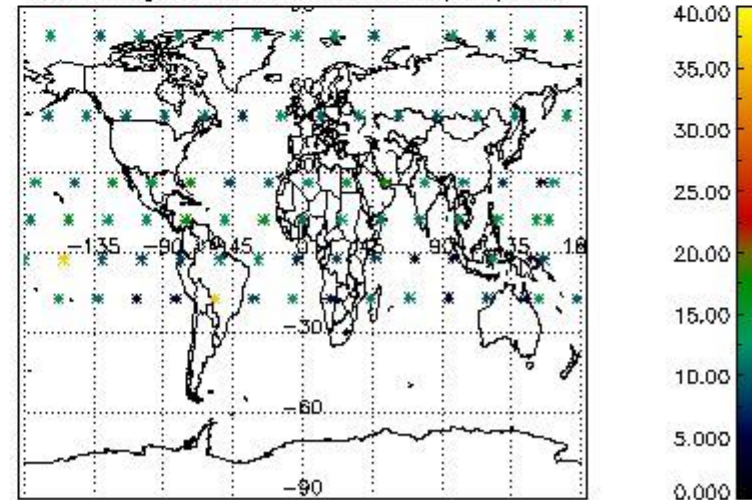
Percentage of datation errors per profile



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.

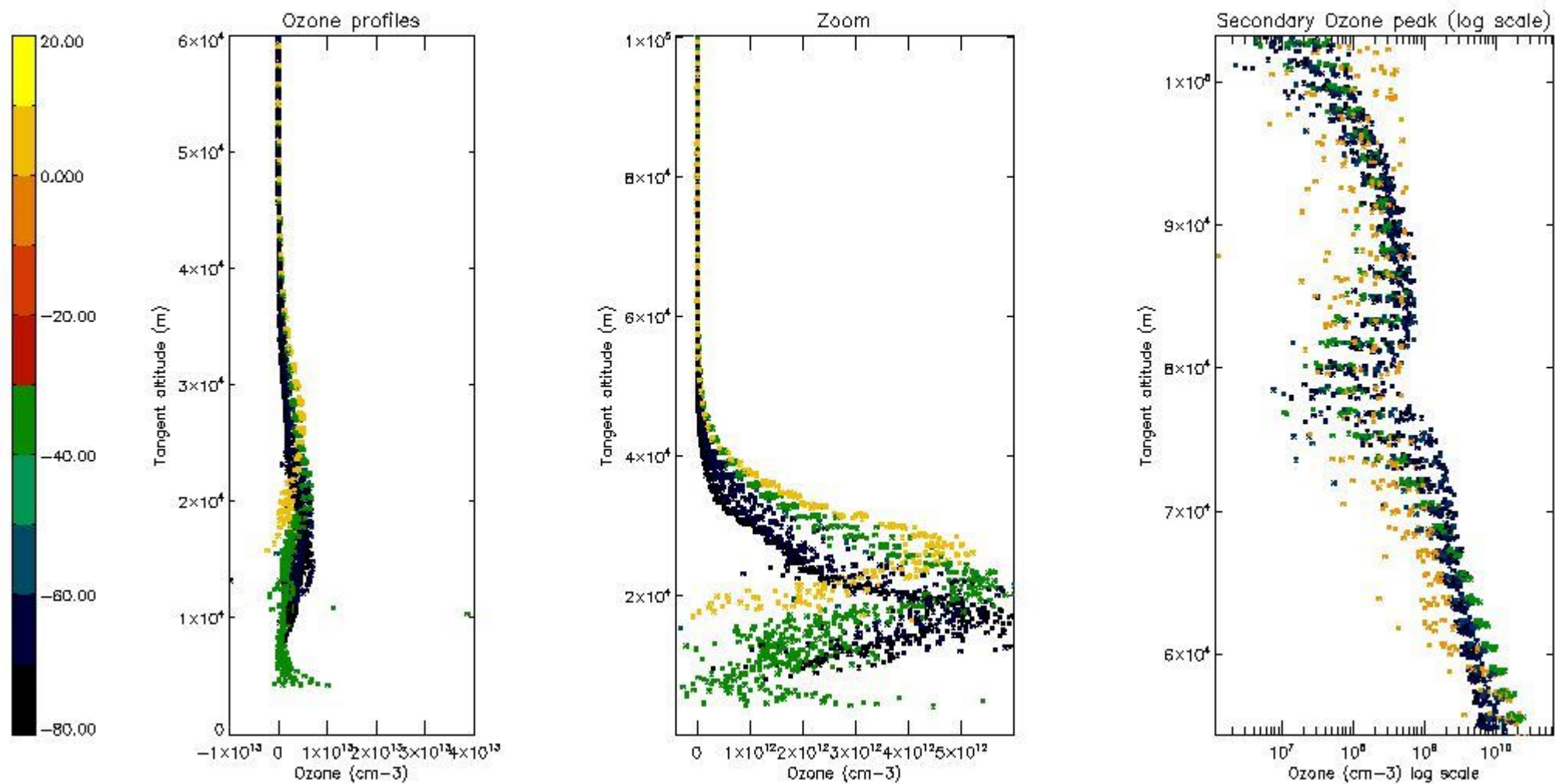
Criteria	% of total production
All STD	38
STD < 20	26



STD < 10	22
STD < 5	17

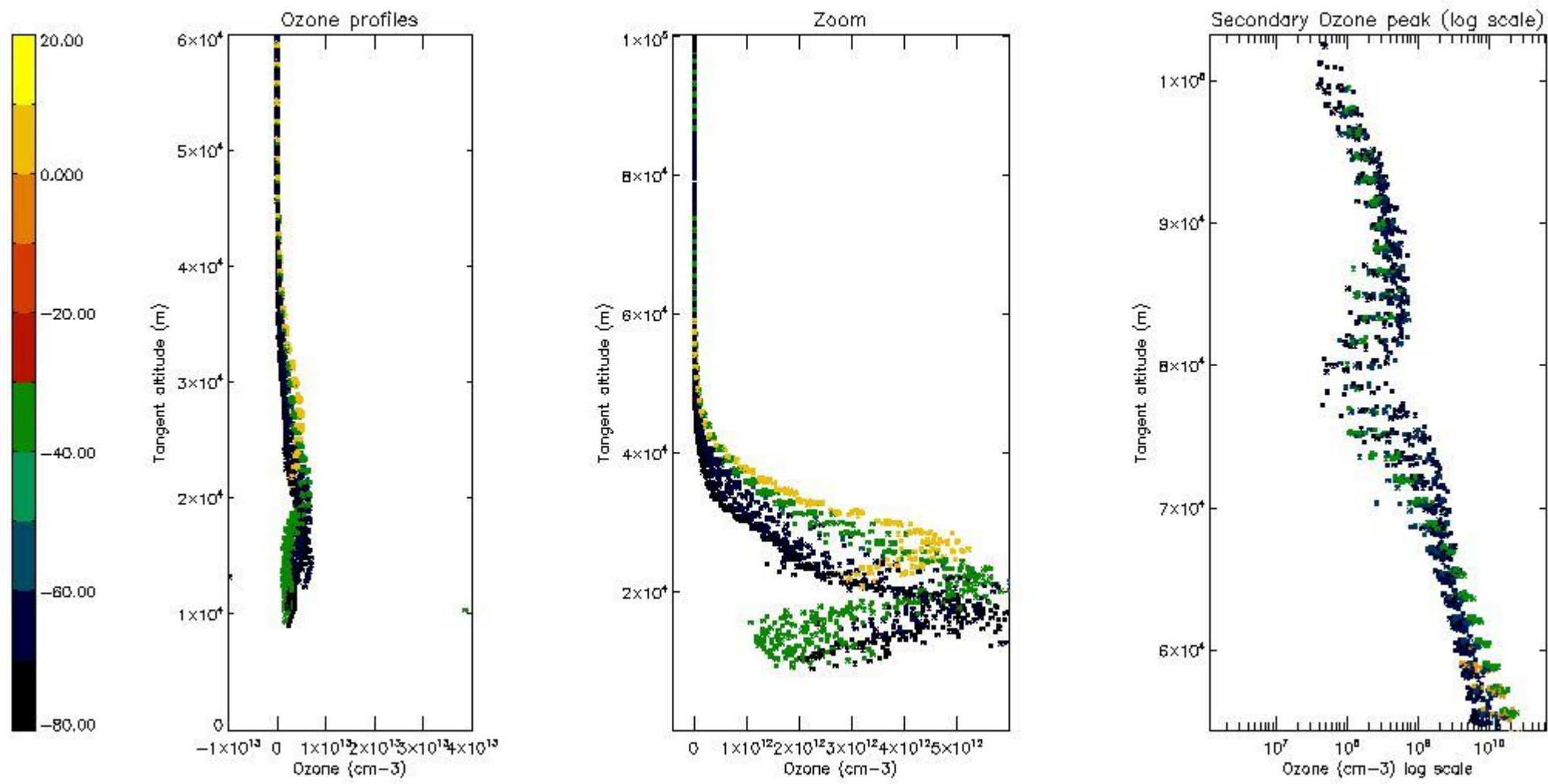
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



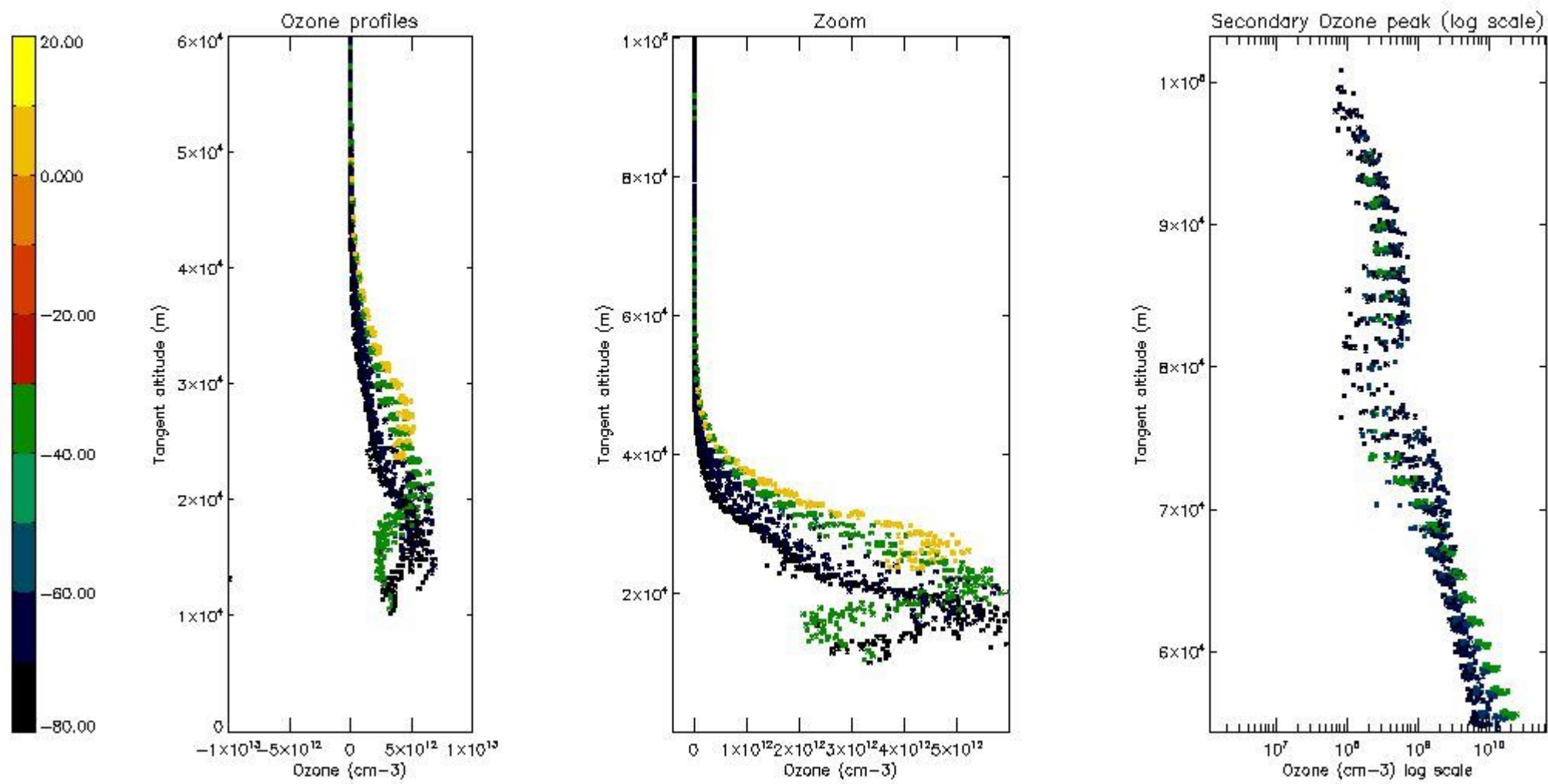
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



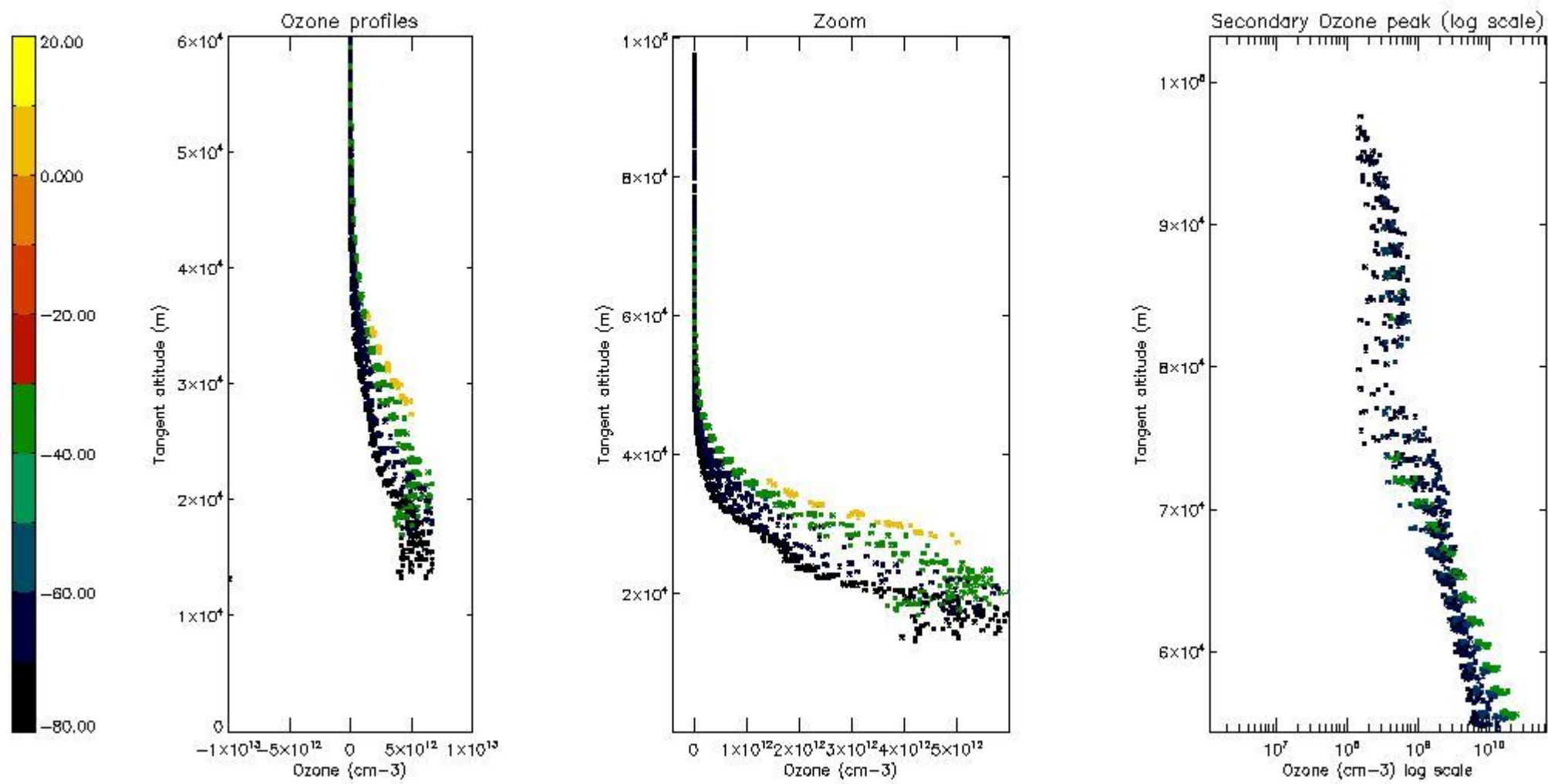
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

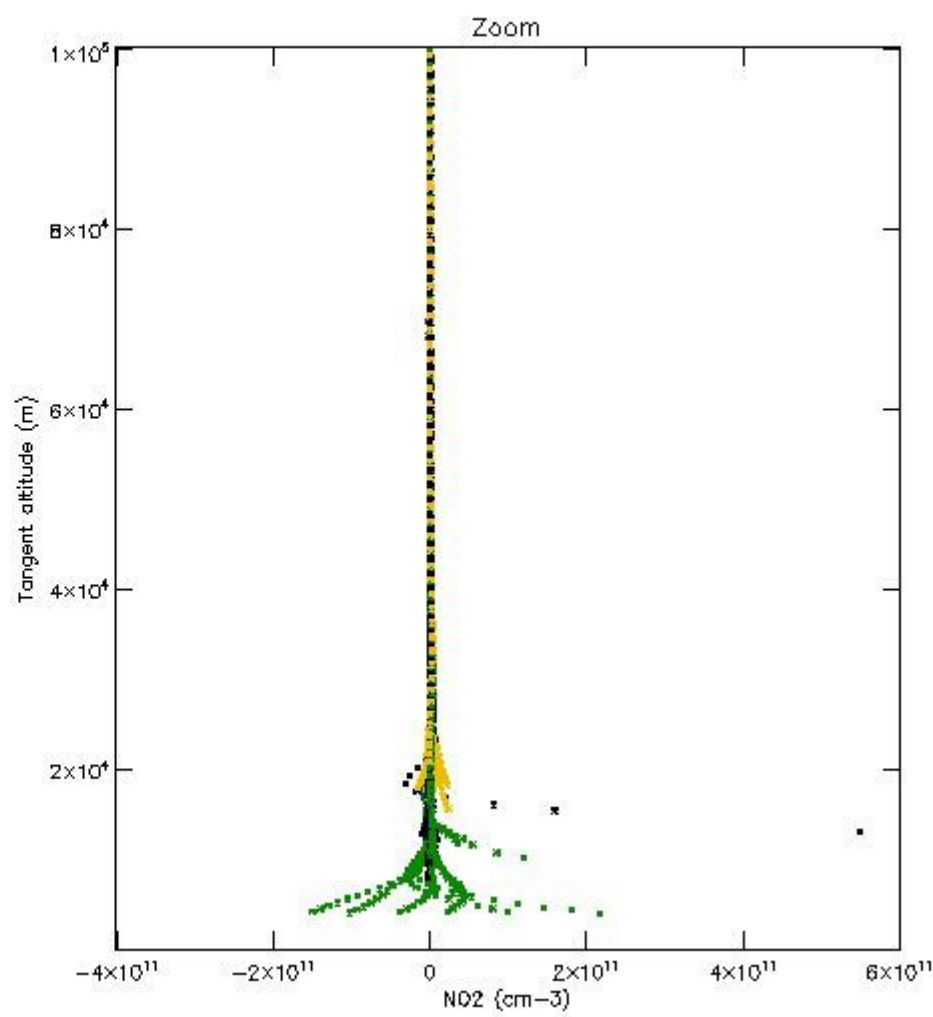
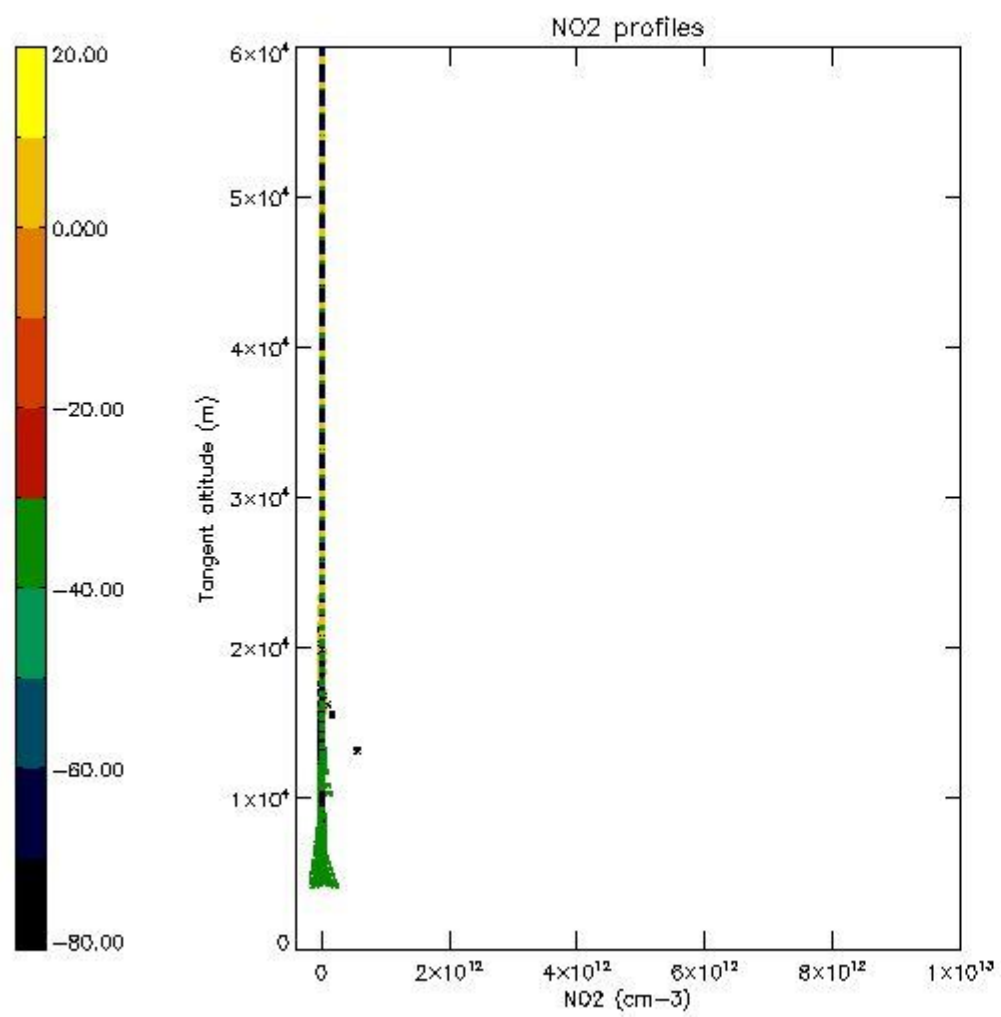
The colorbar represents the latitude.



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

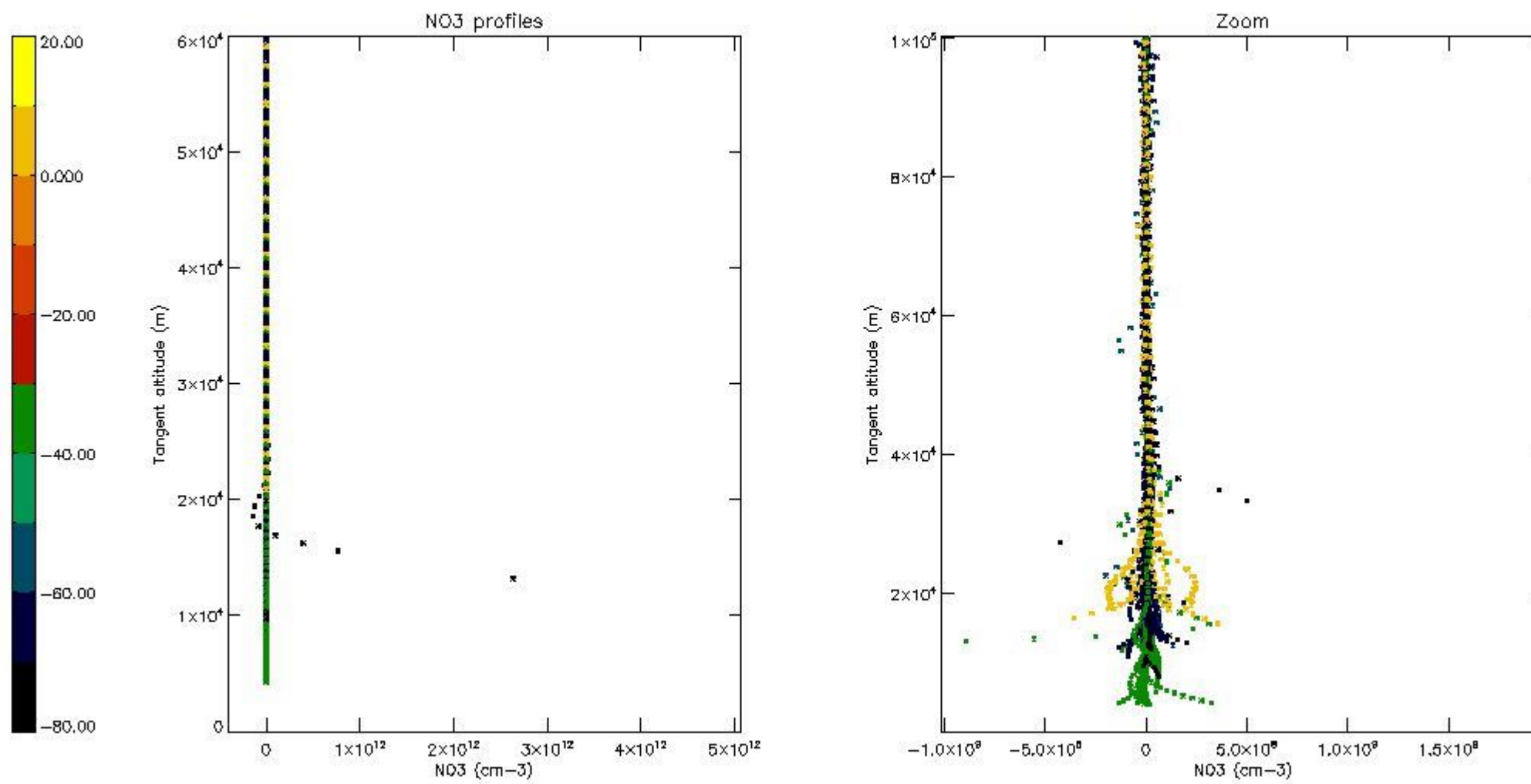
The colorbar represents the latitude.





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

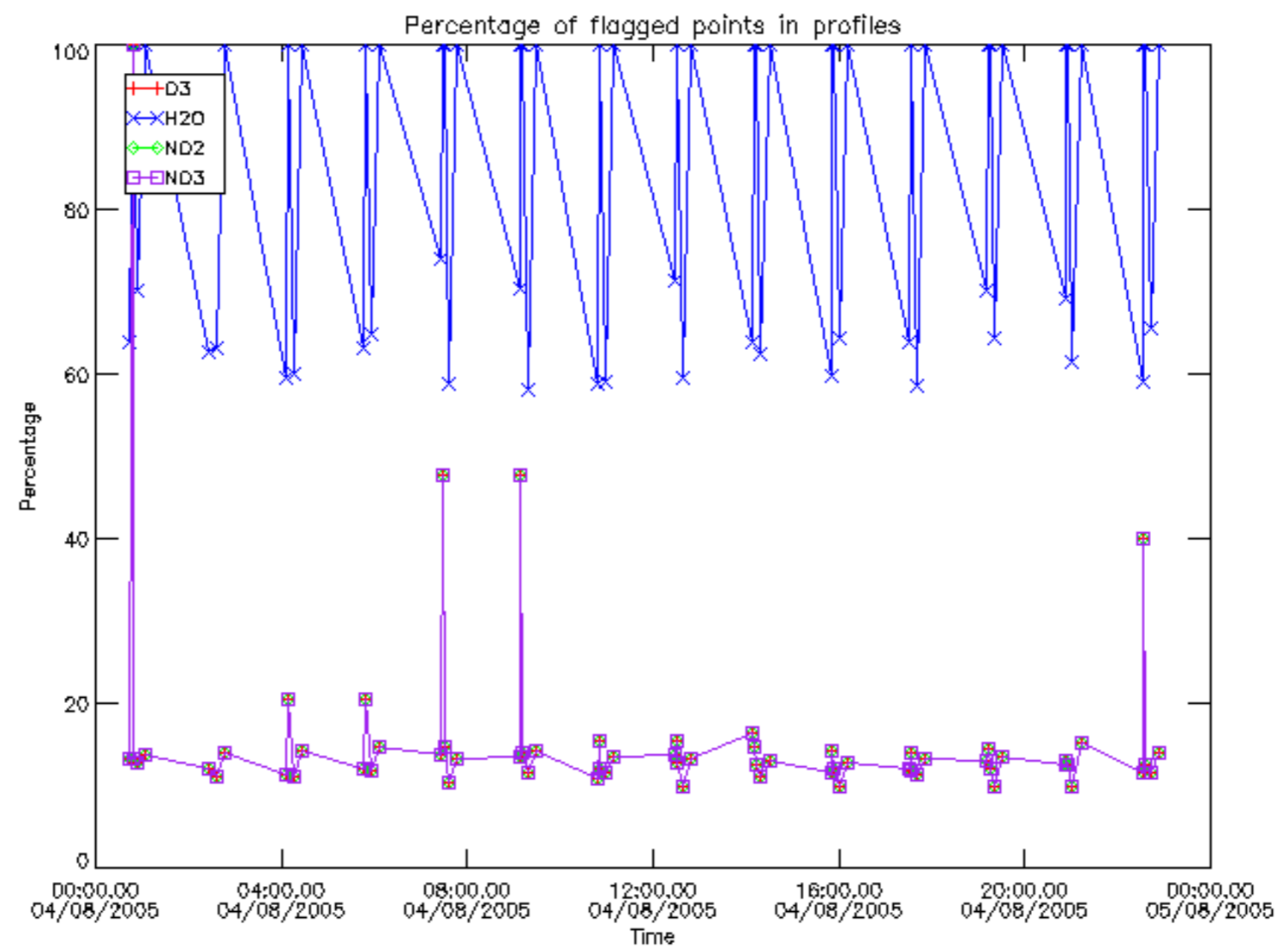
The colorbar represents the latitude.



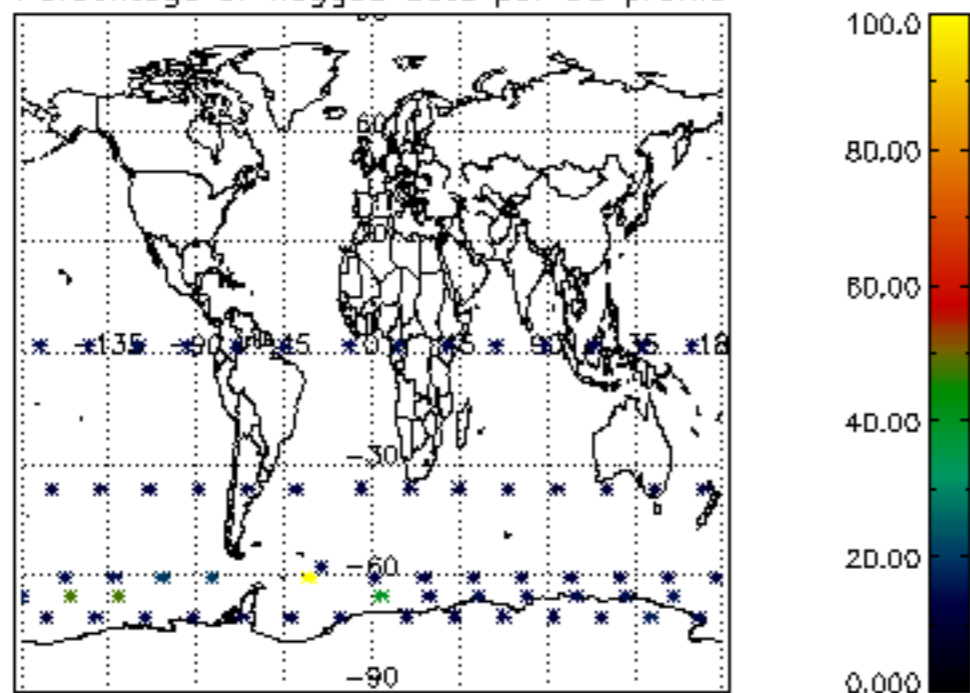
## 6. Auxiliary Data Files used for the production reported in section 2

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

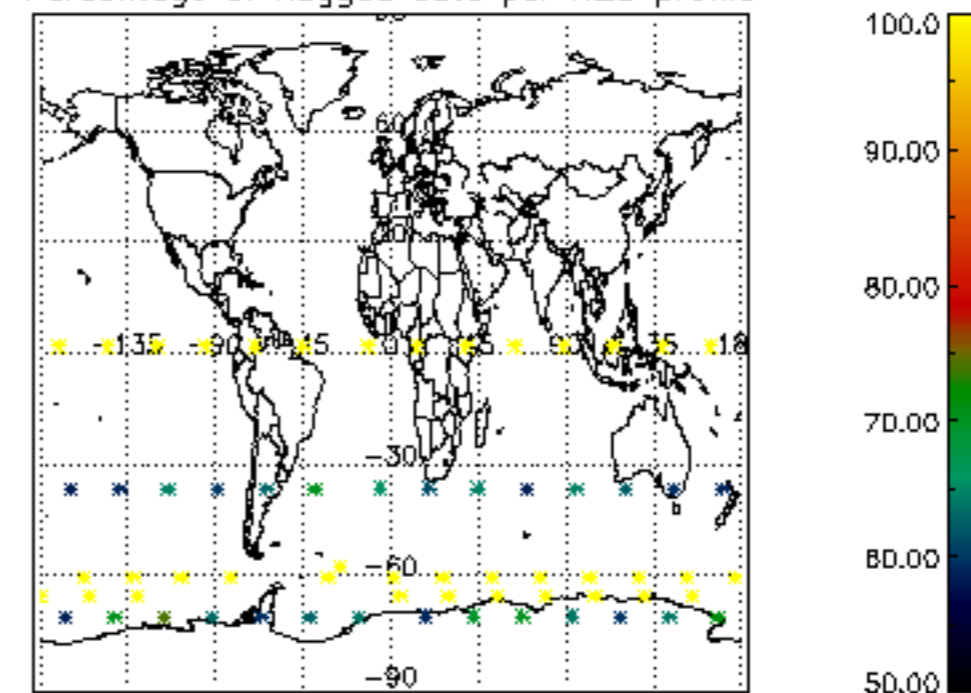
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-AUG-2005 00:00:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-AUG-2005 00:00:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-AUG-2005 00:00:12



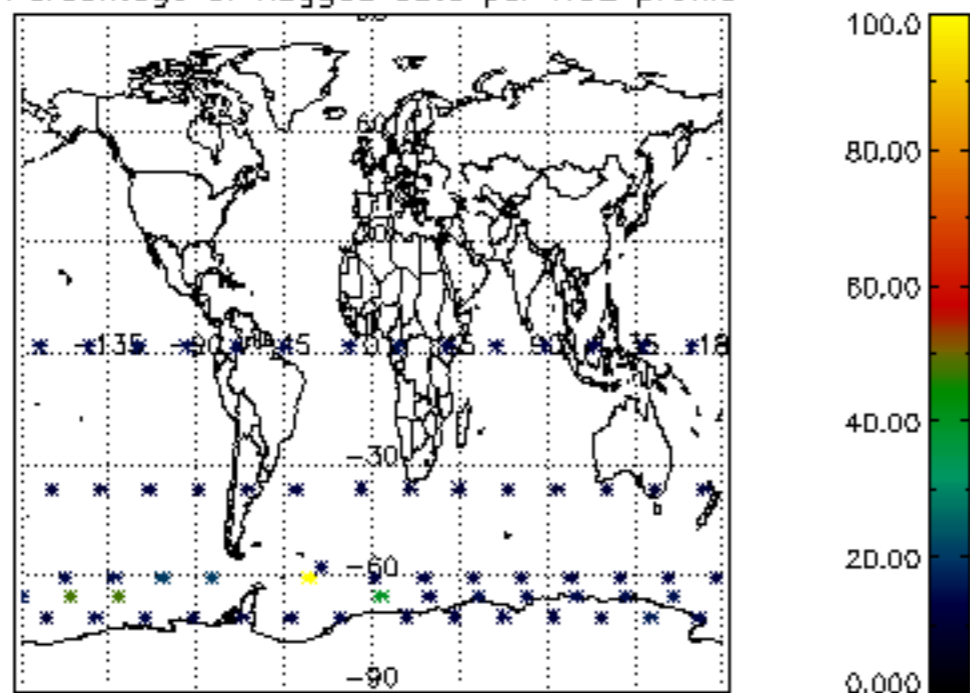
Percentage of flagged data per D3 profile



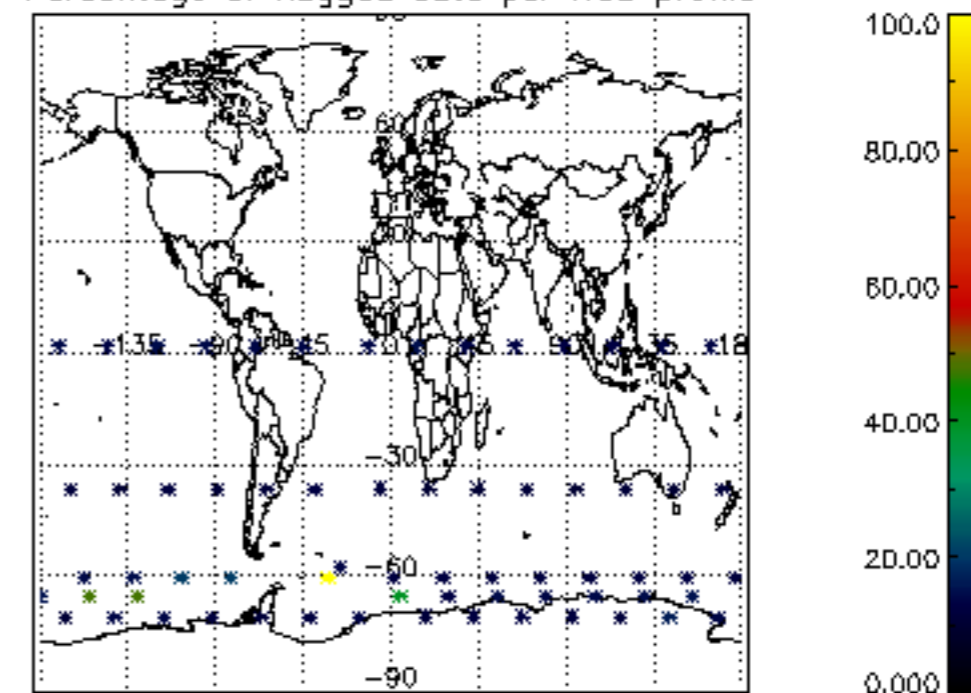
Percentage of flagged data per H2O profile



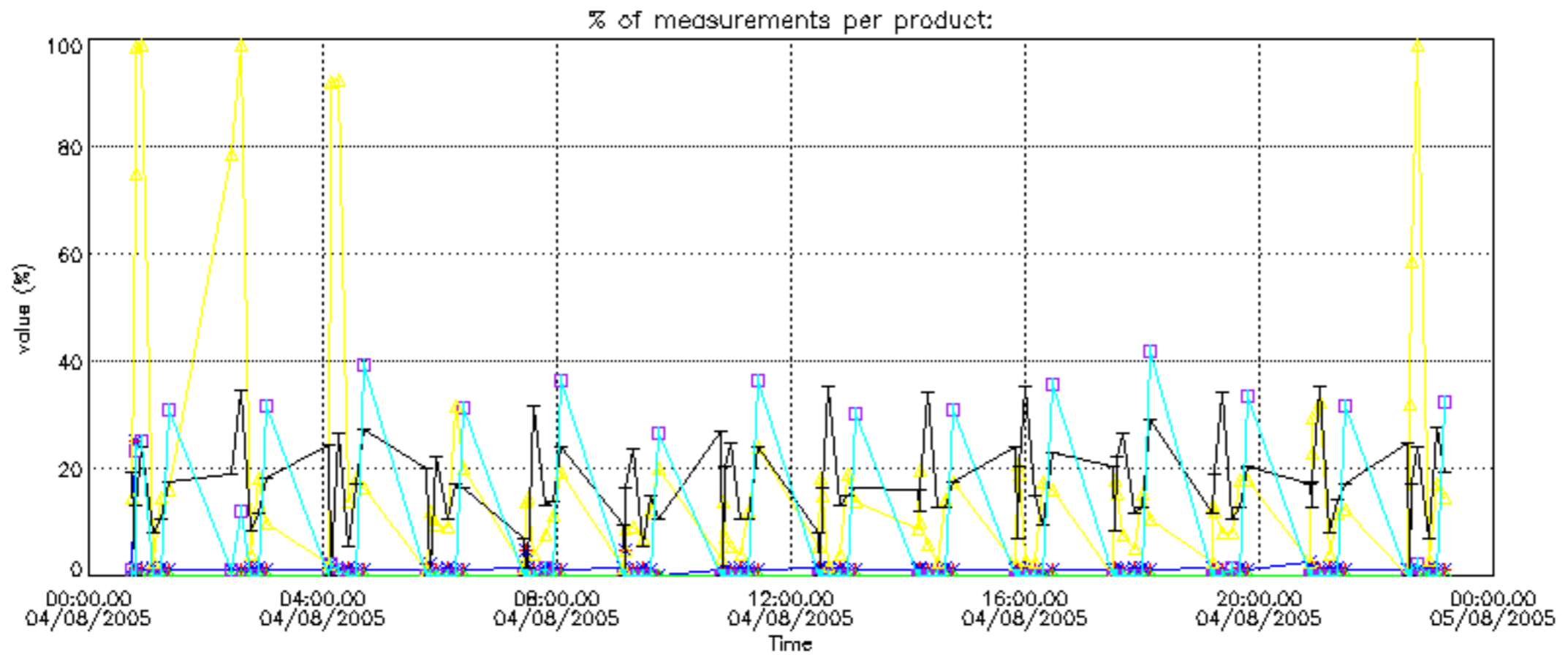
Percentage of flagged data per NO2 profile

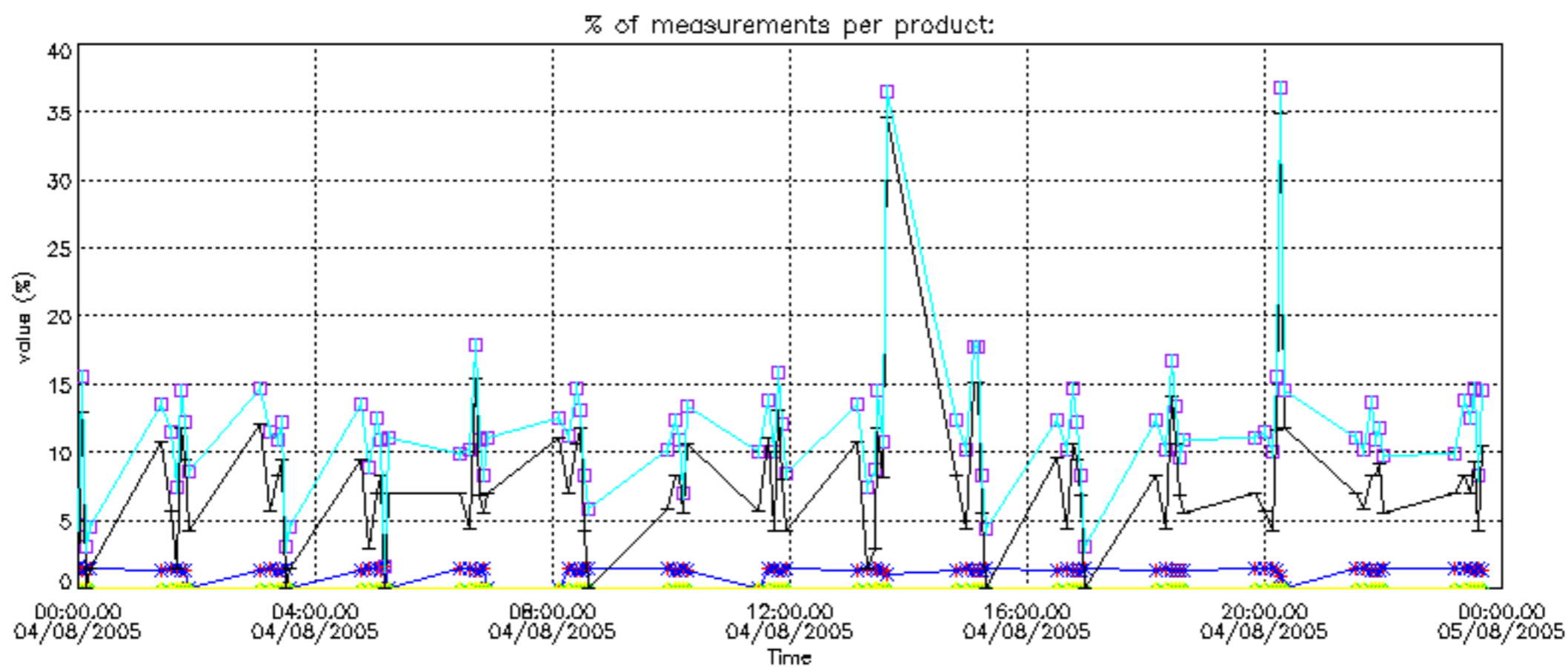


Percentage of flagged data per NO3 profile

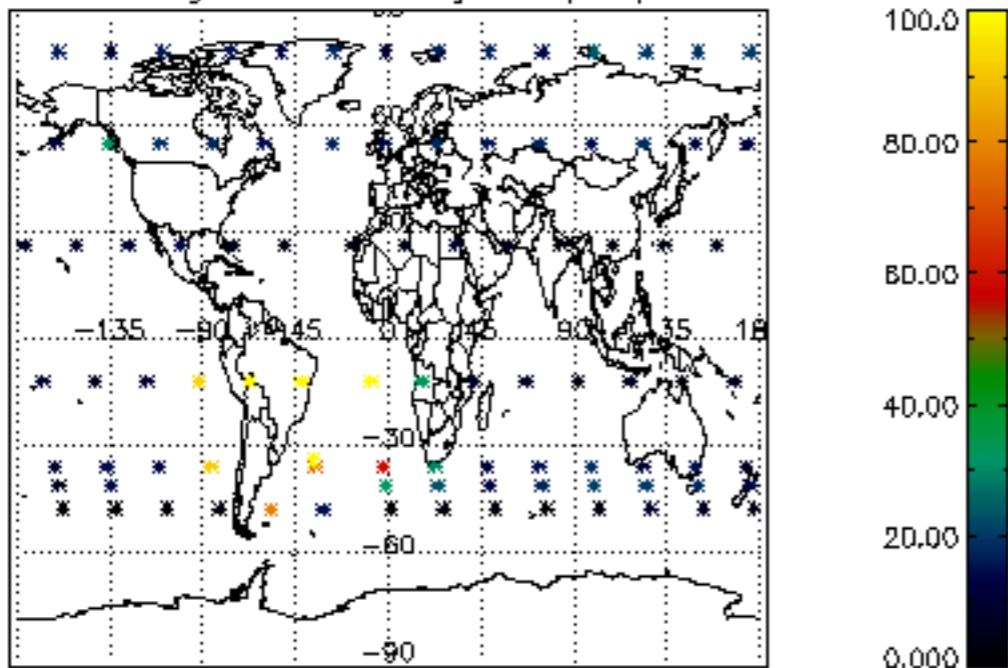




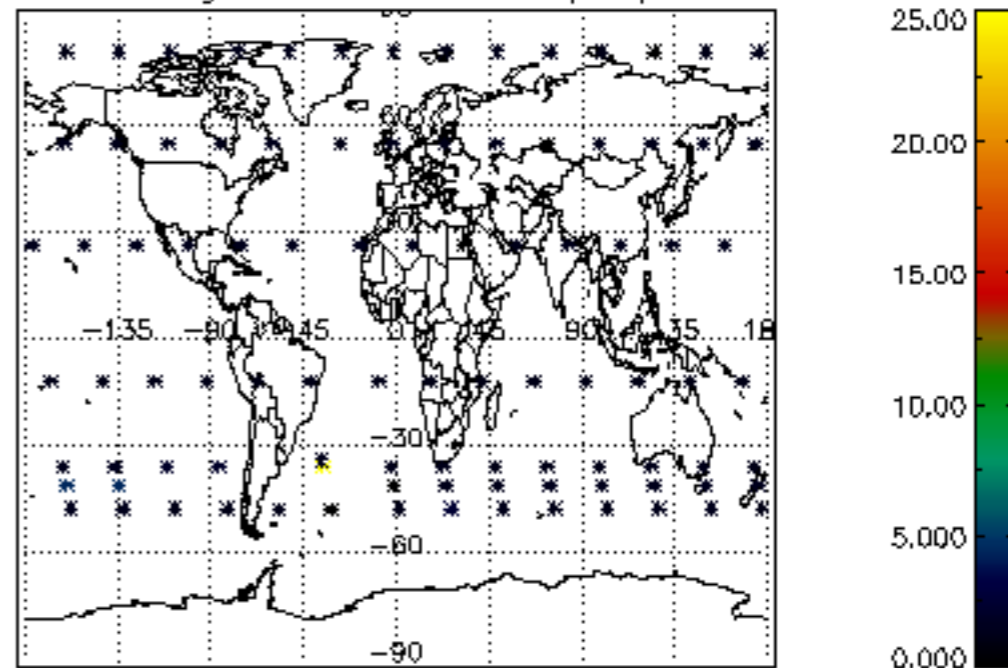




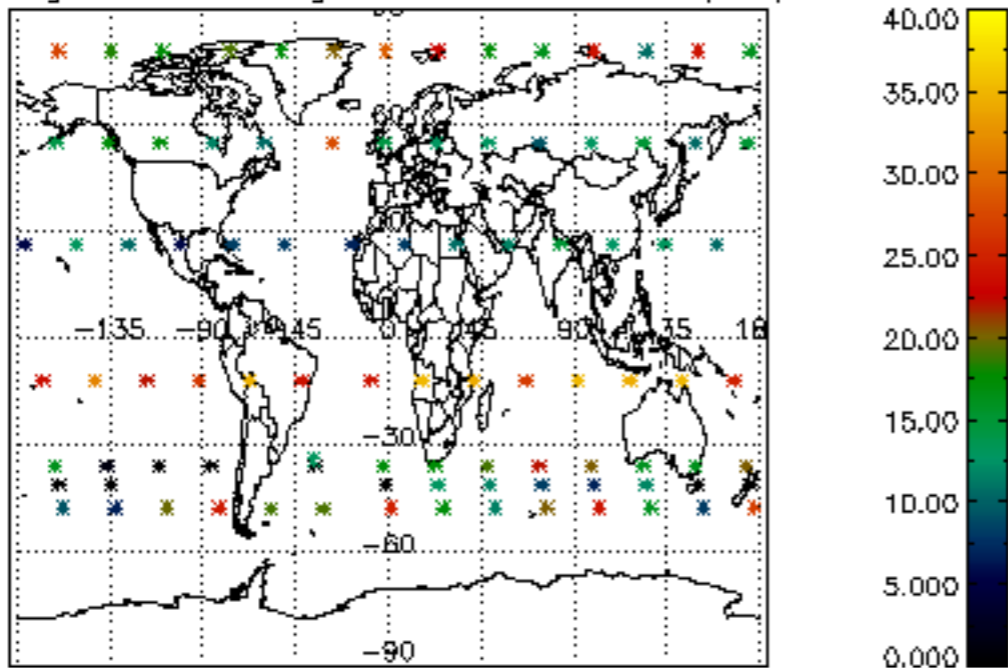
Percentage of cosmic ray hits per profile



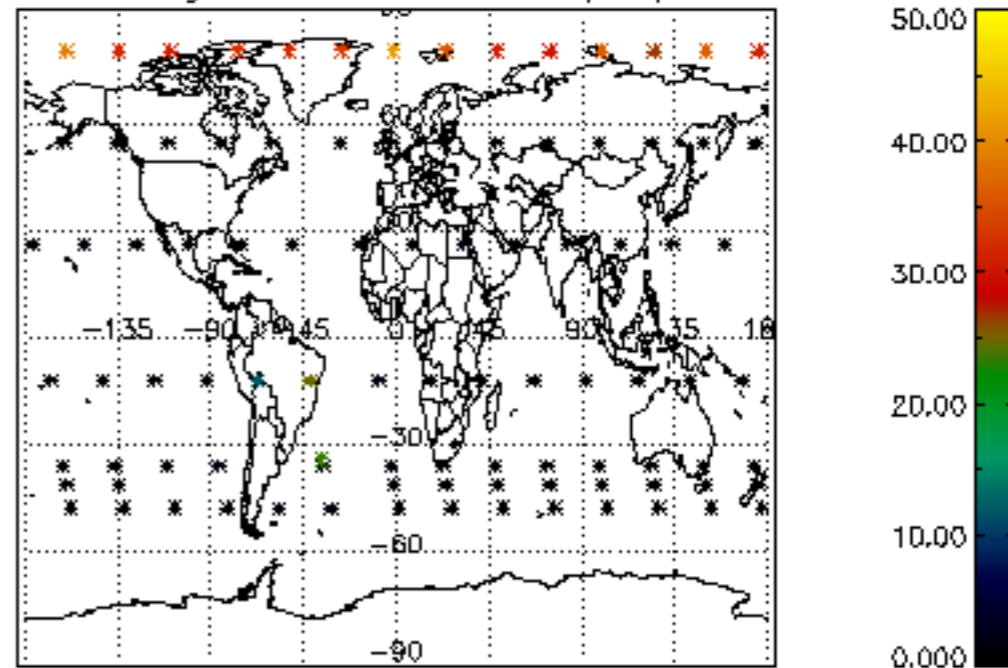
Percentage of datation errors per profile



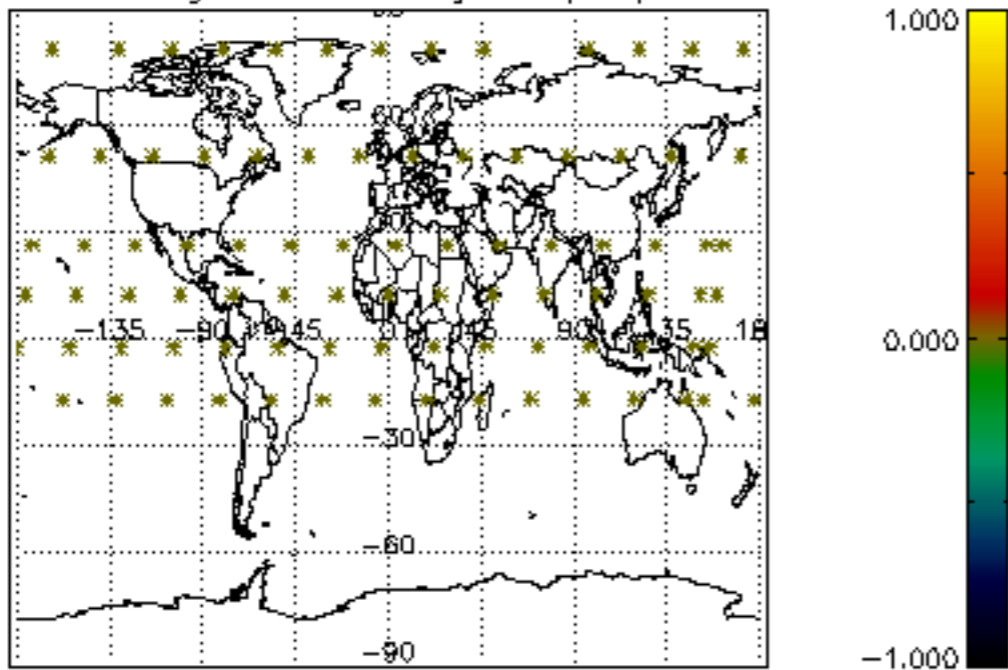
Percentage of star falling outside central band per profile



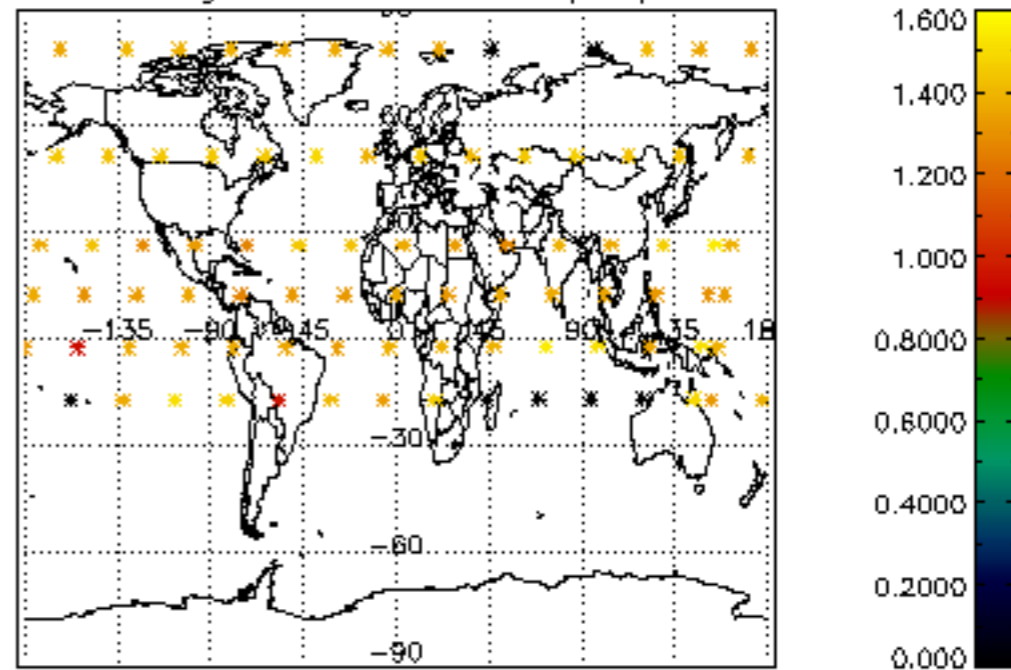
Percentage of saturation errors per profile



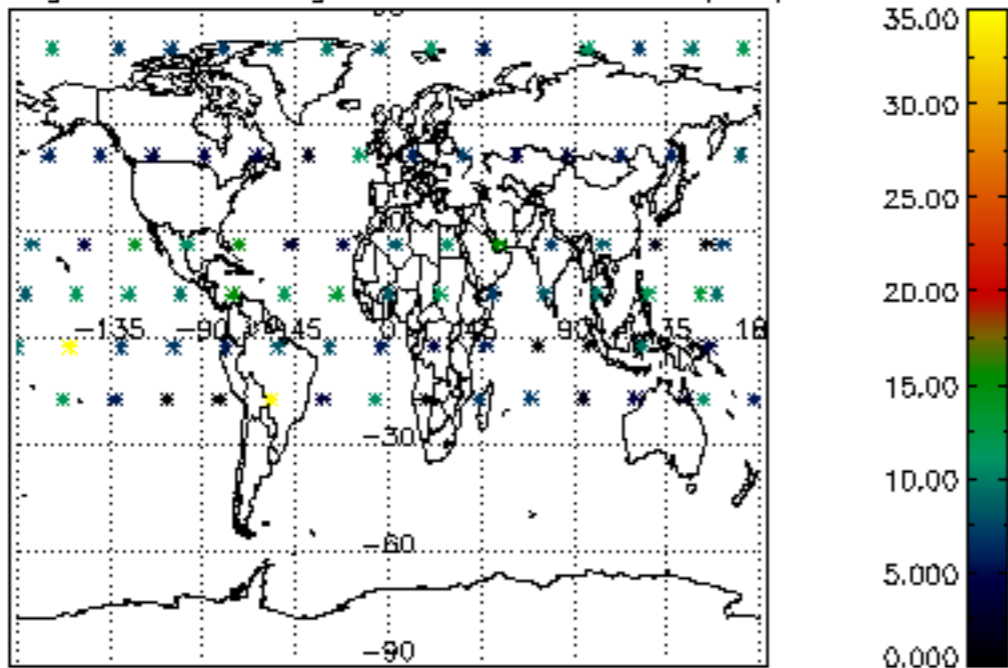
Percentage of cosmic ray hits per profile



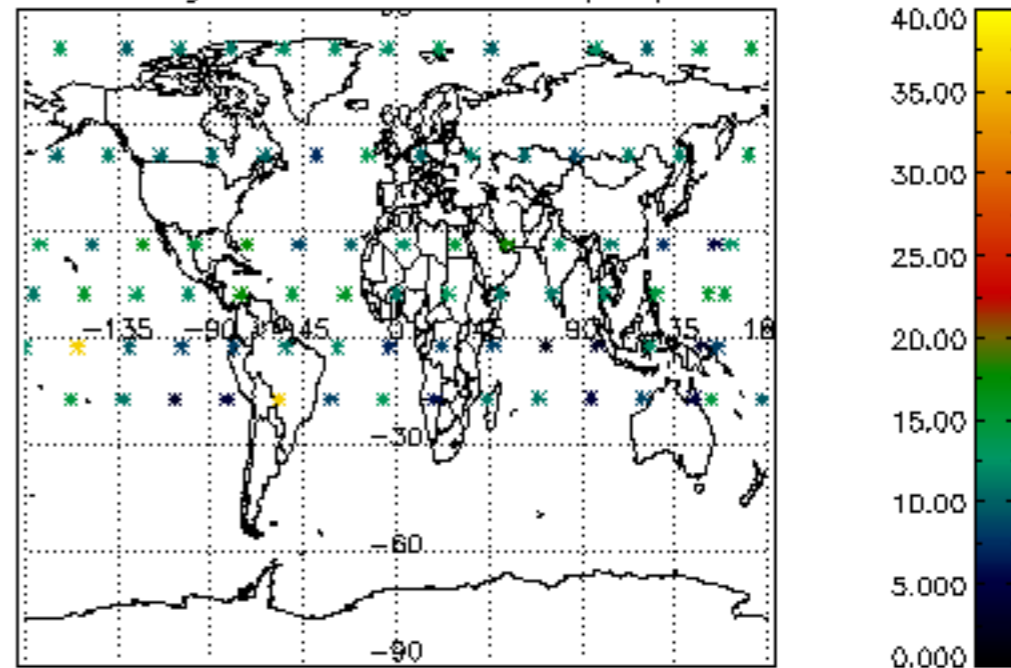
Percentage of datation errors per profile



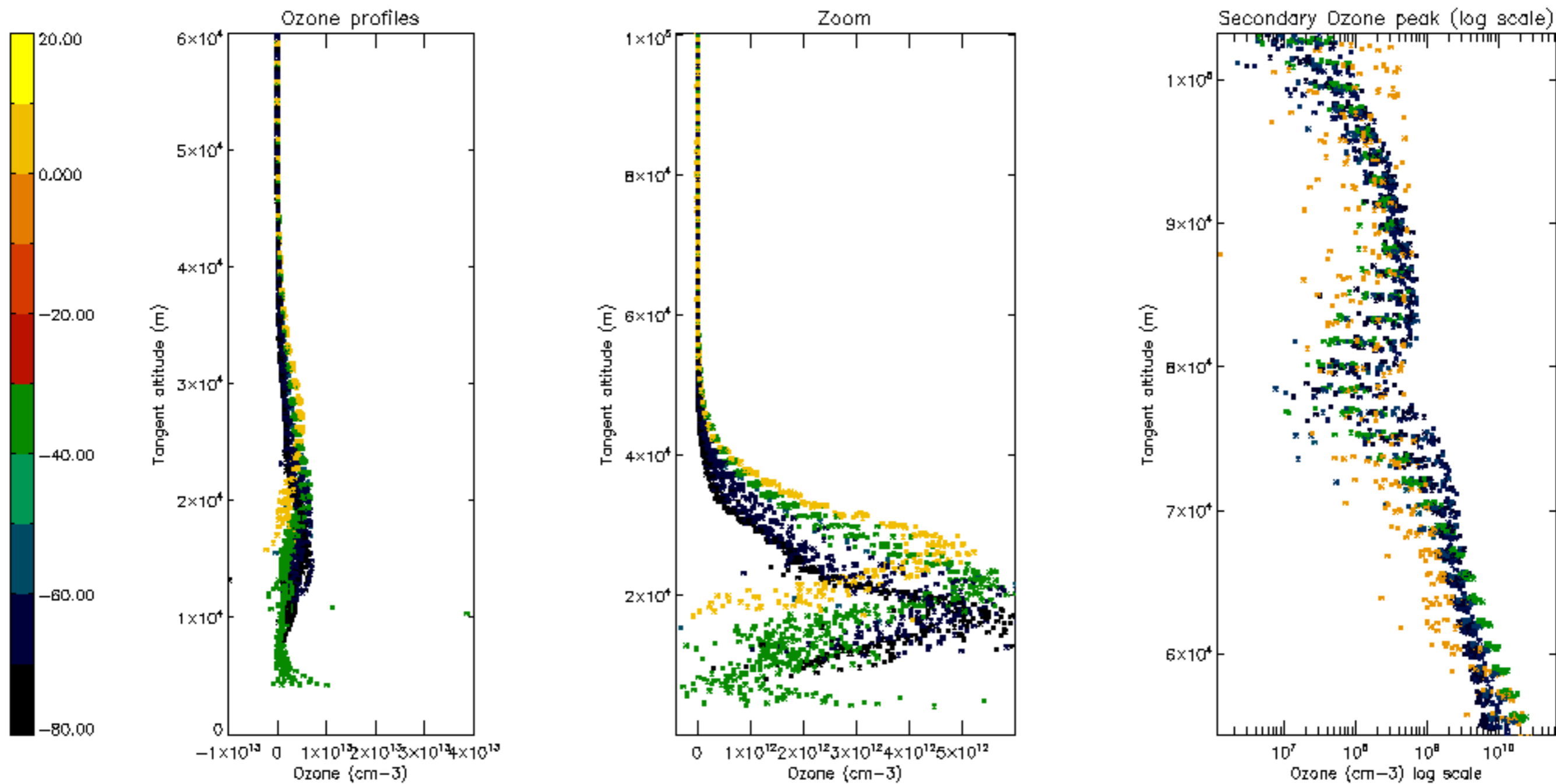
Percentage of star falling outside central band per profile

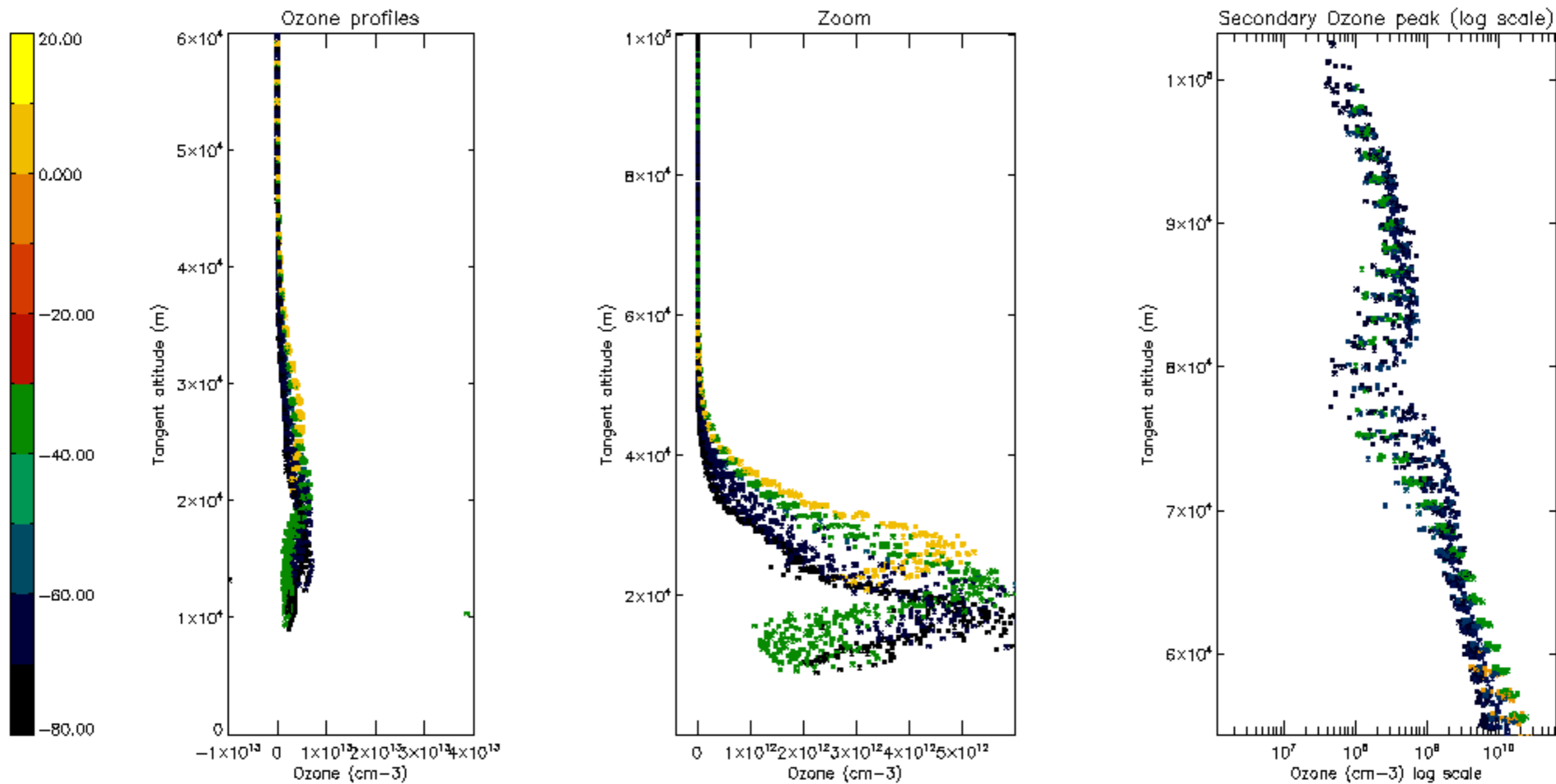


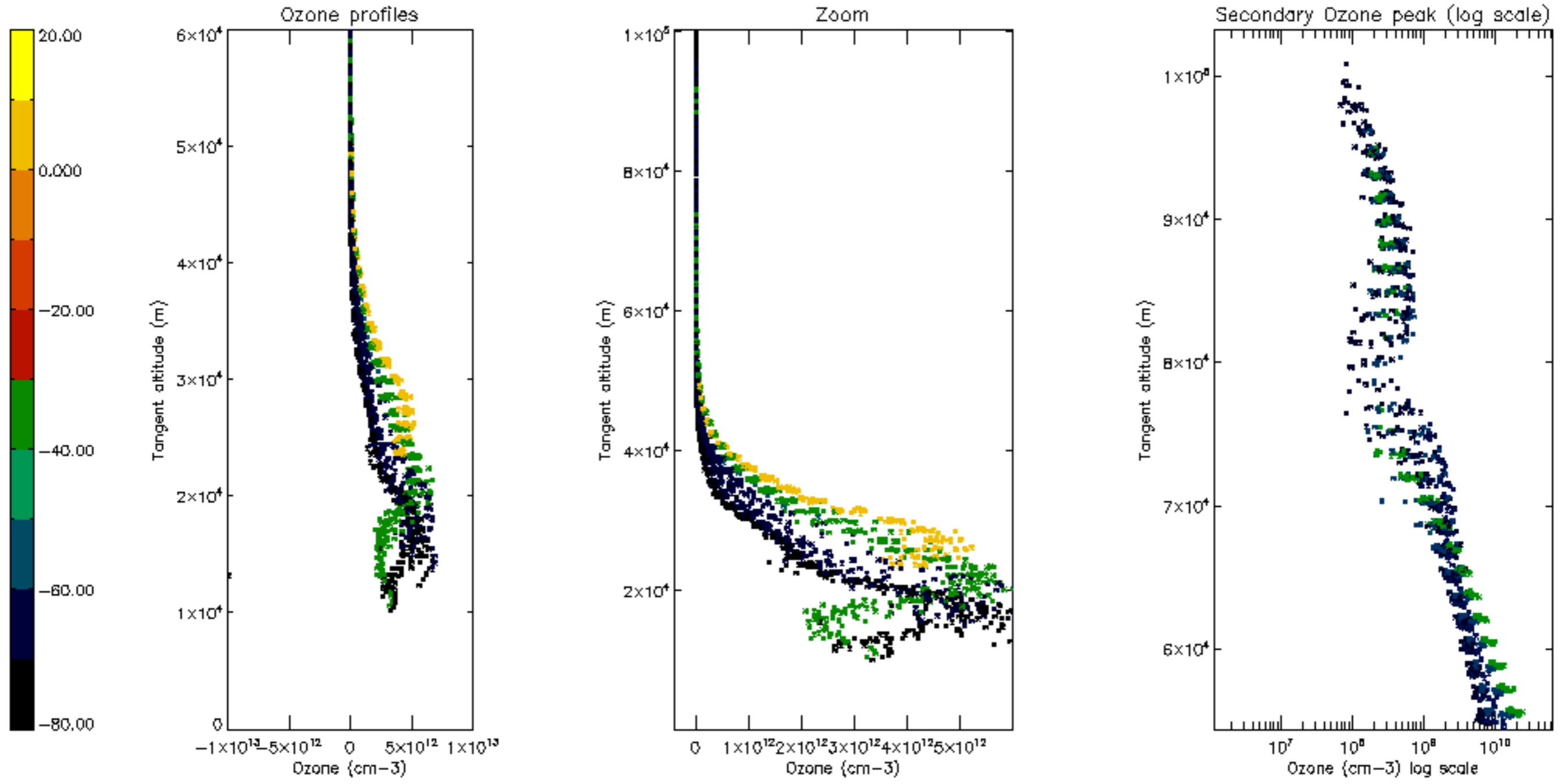
Percentage of saturation errors per profile

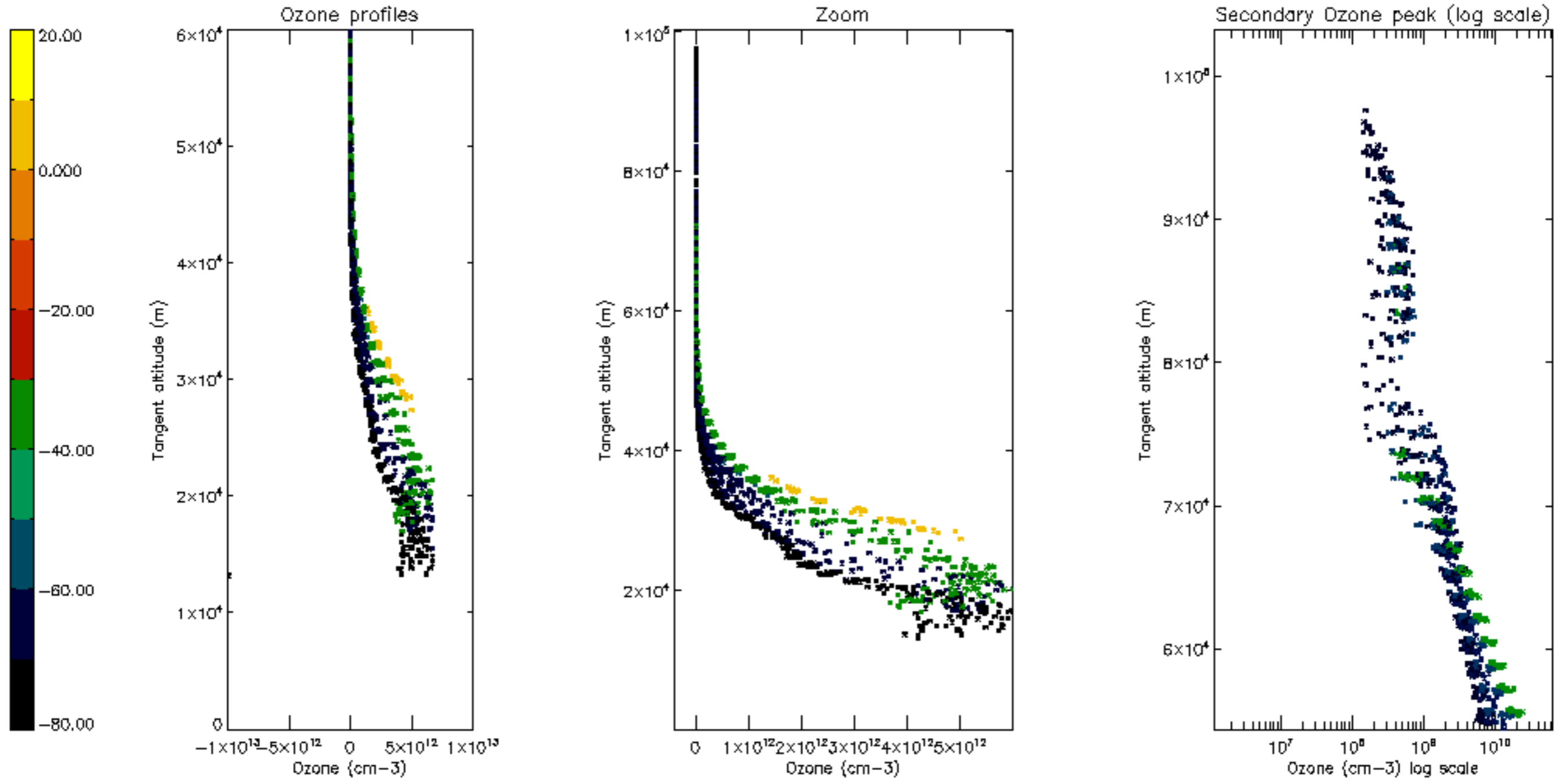




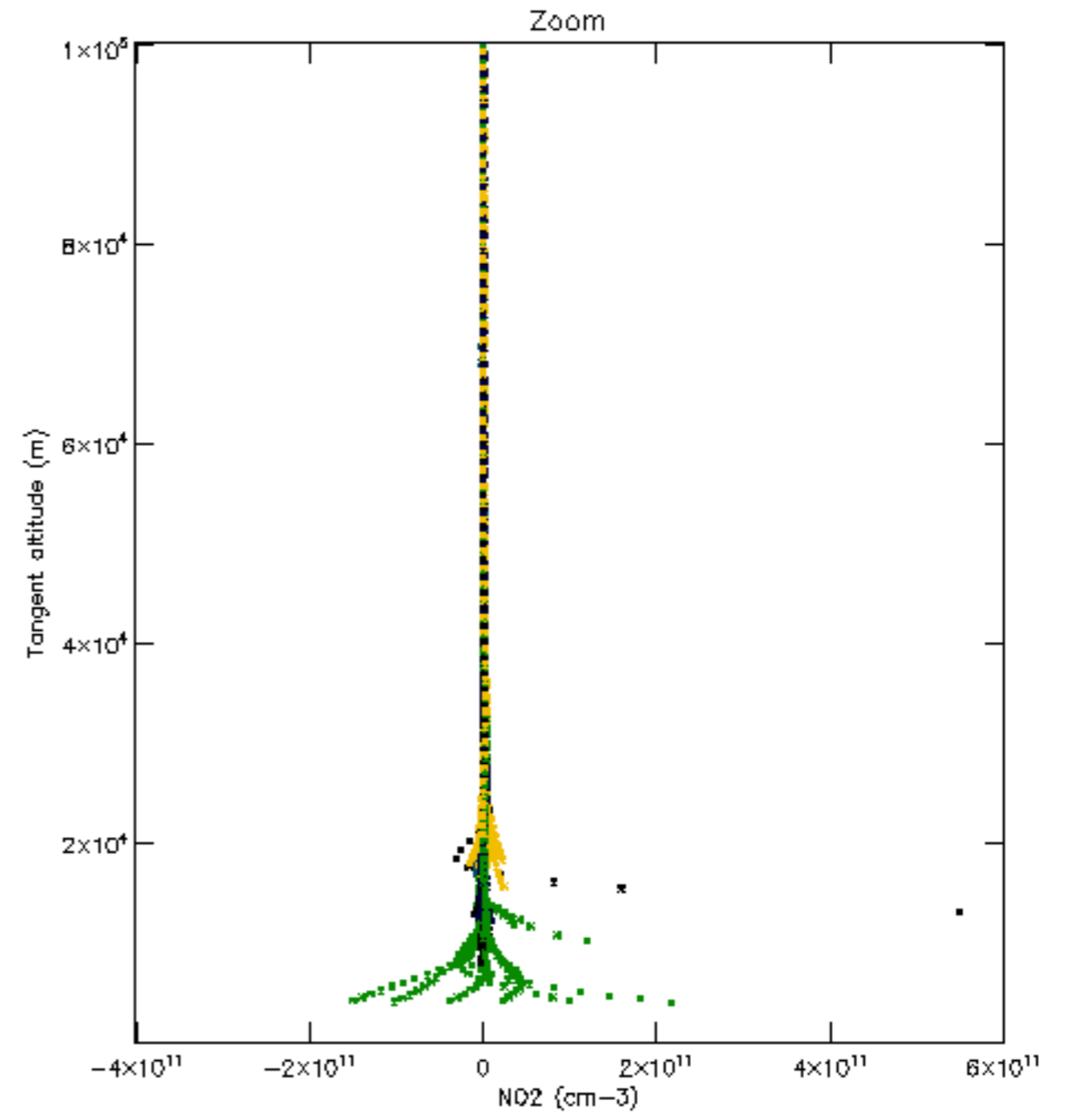
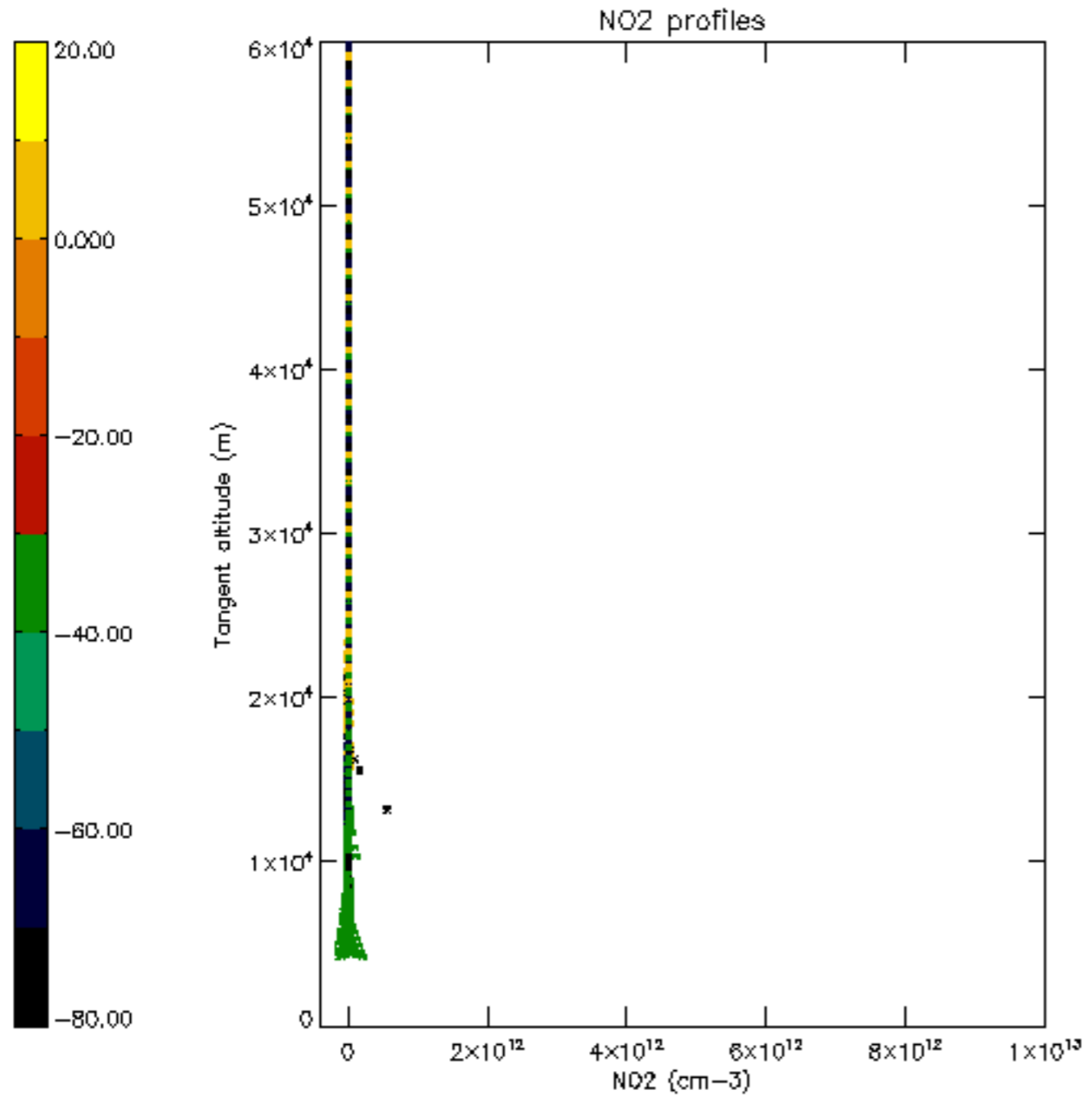


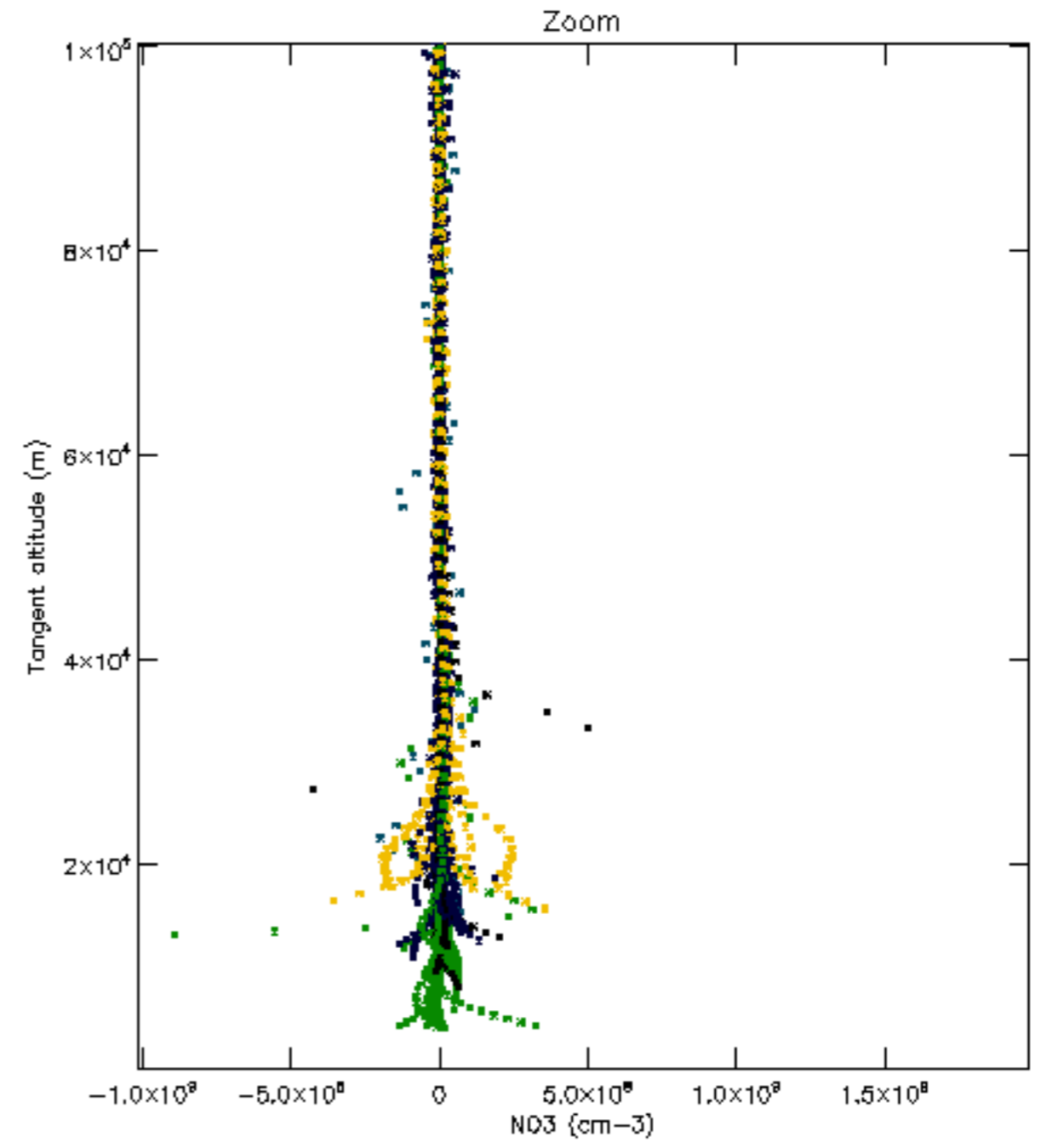
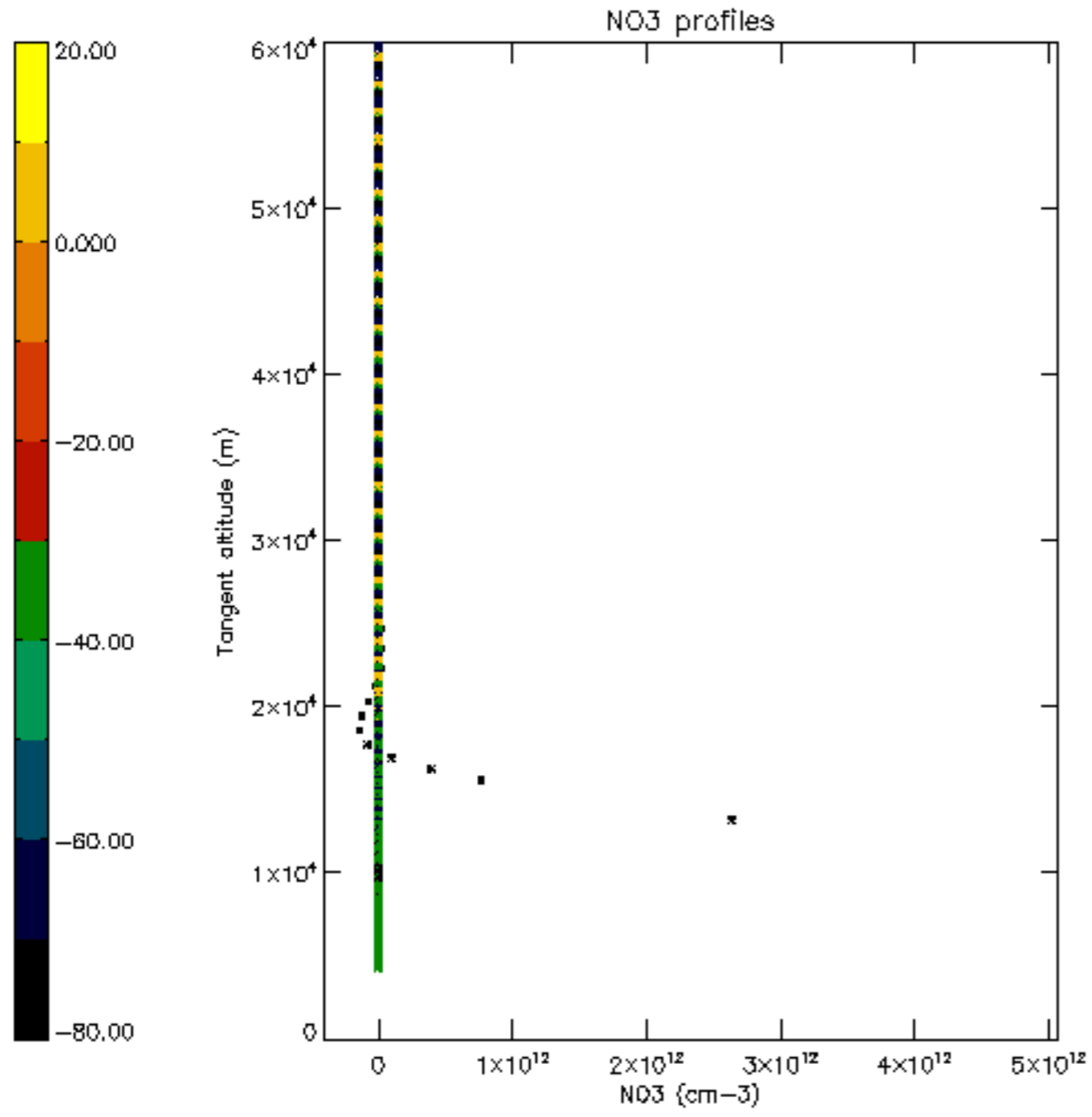


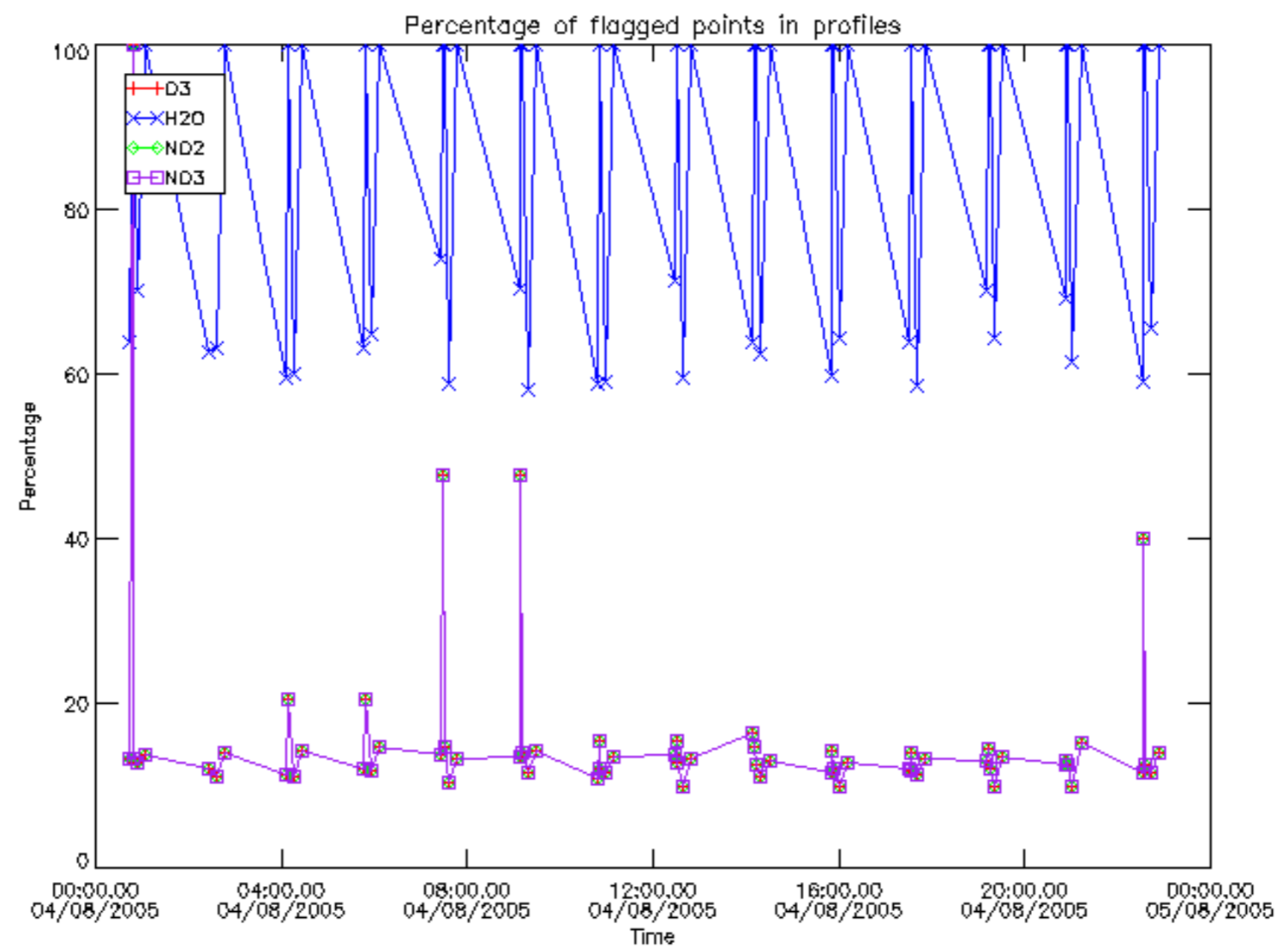




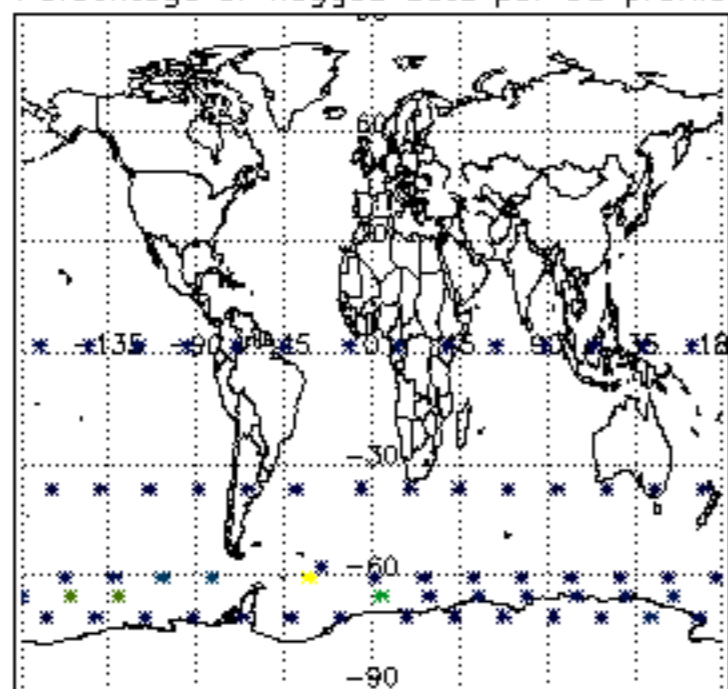




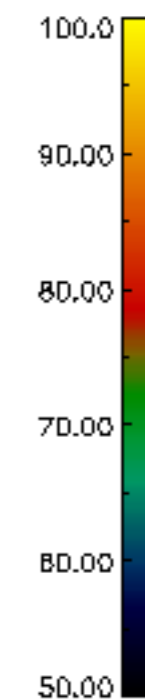
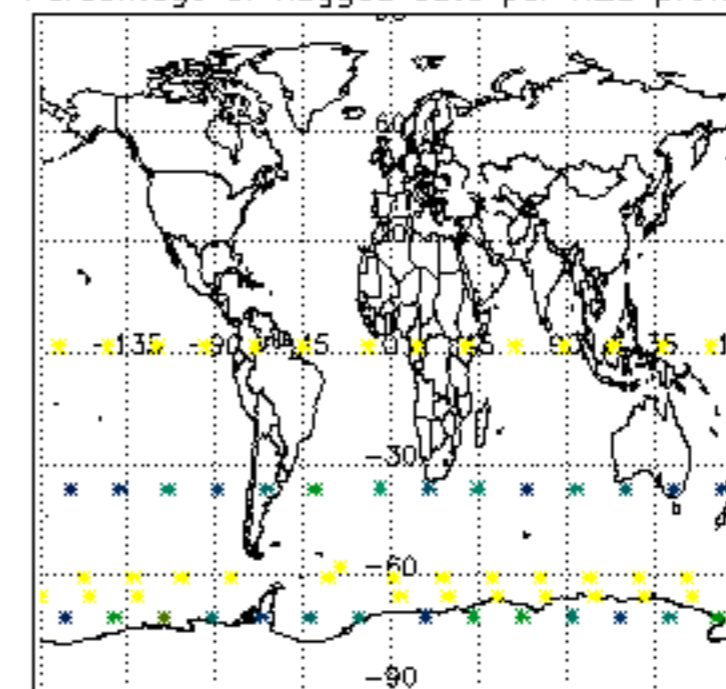




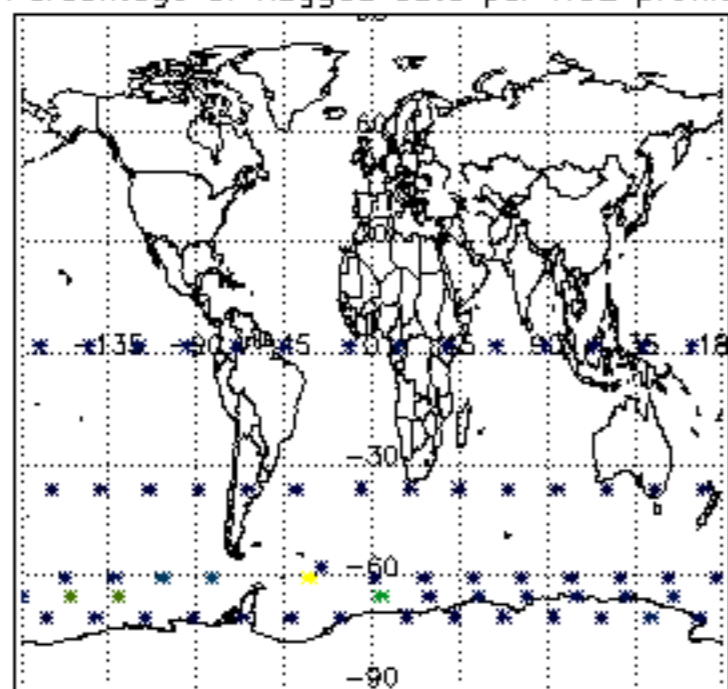
Percentage of flagged data per D3 profile



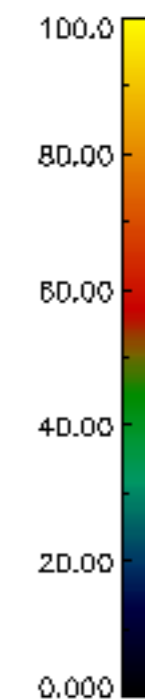
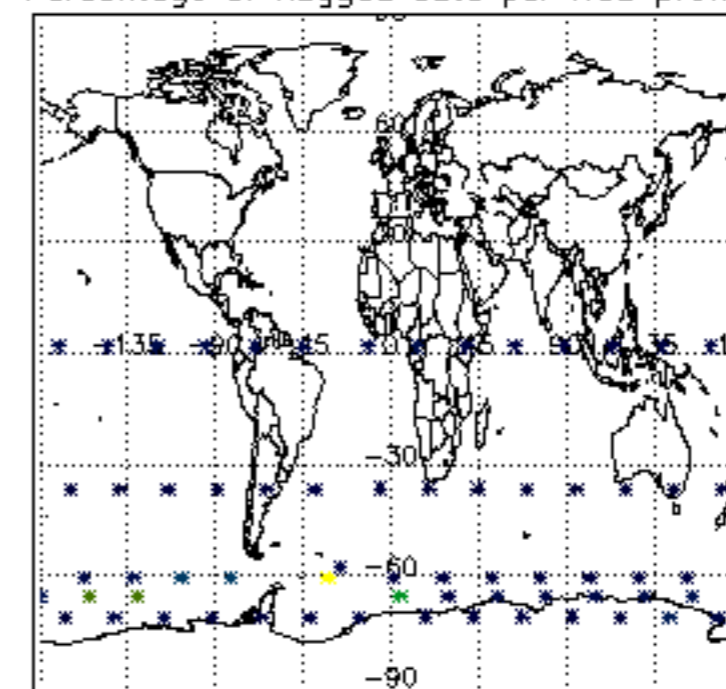
Percentage of flagged data per H2O profile



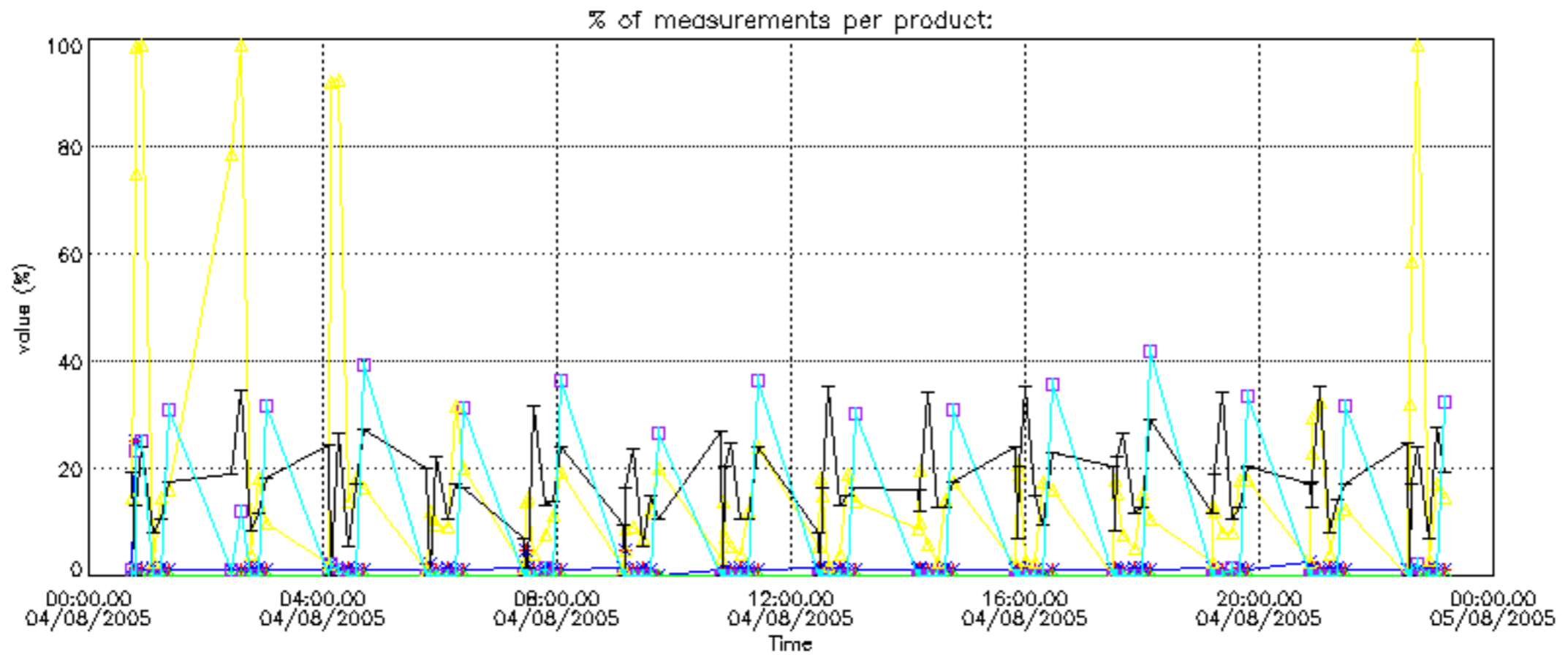
Percentage of flagged data per NO2 profile

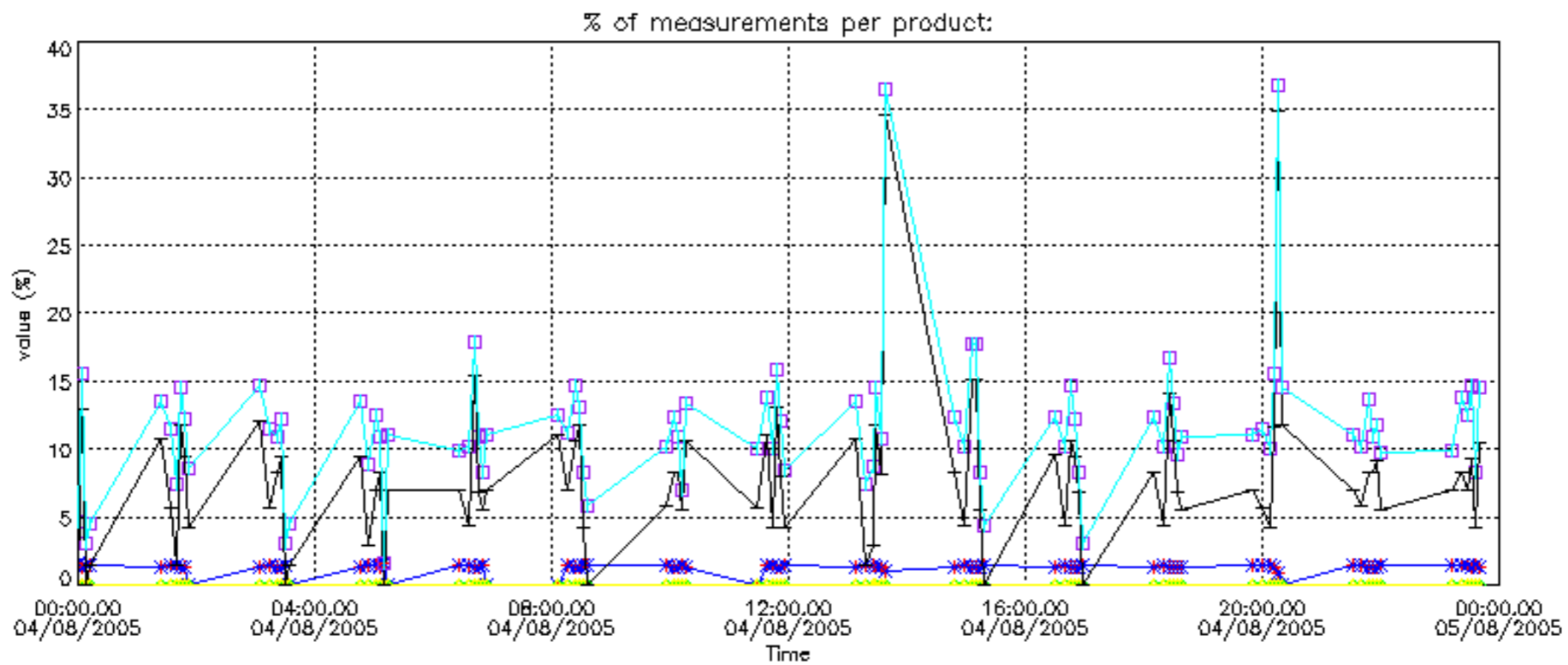


Percentage of flagged data per NO3 profile

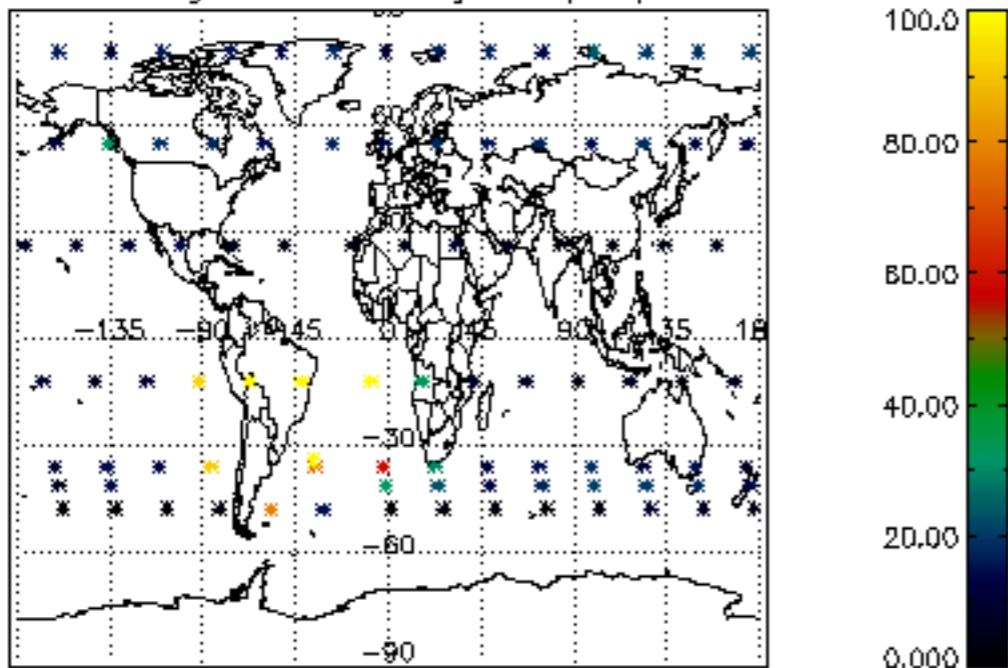




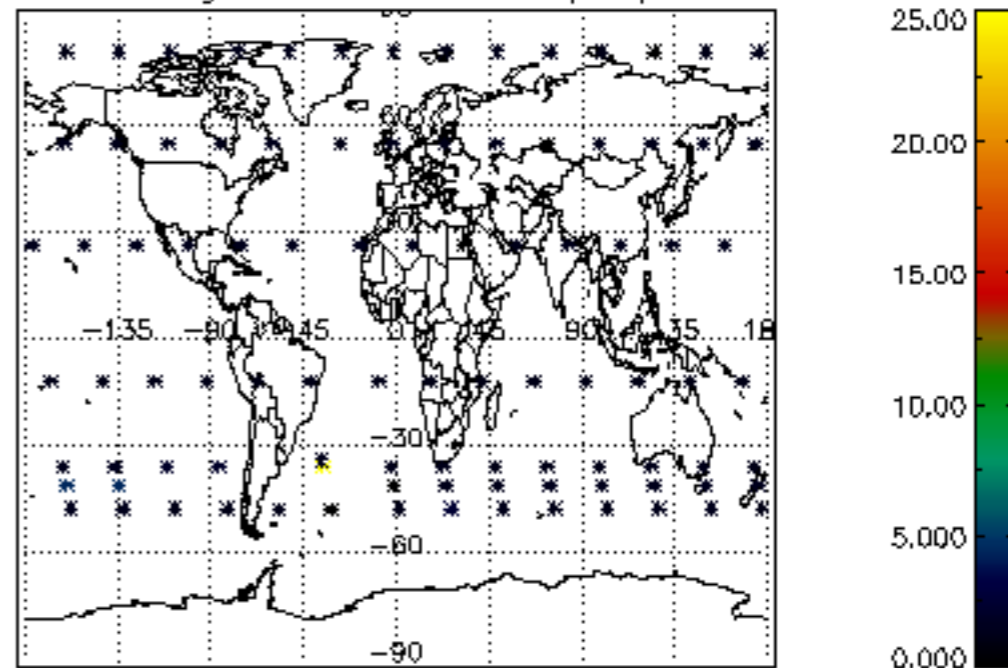




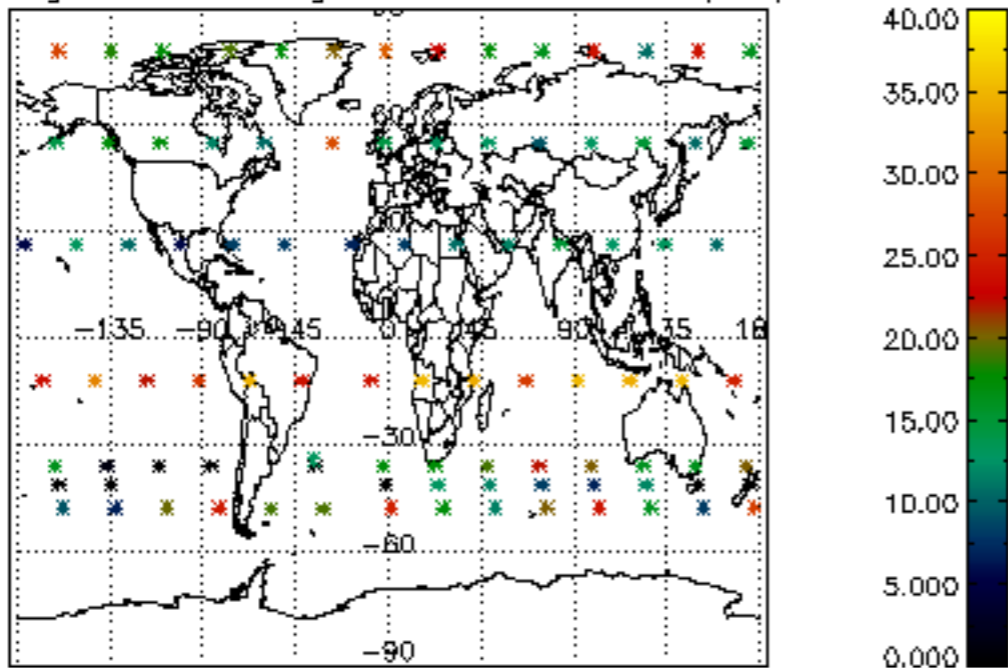
Percentage of cosmic ray hits per profile



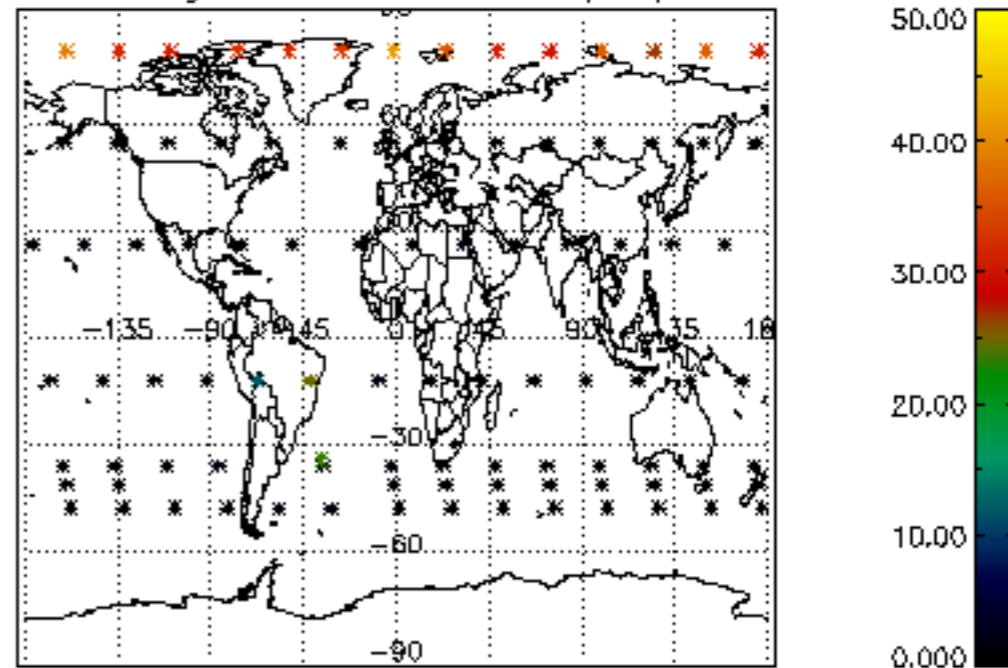
Percentage of datation errors per profile



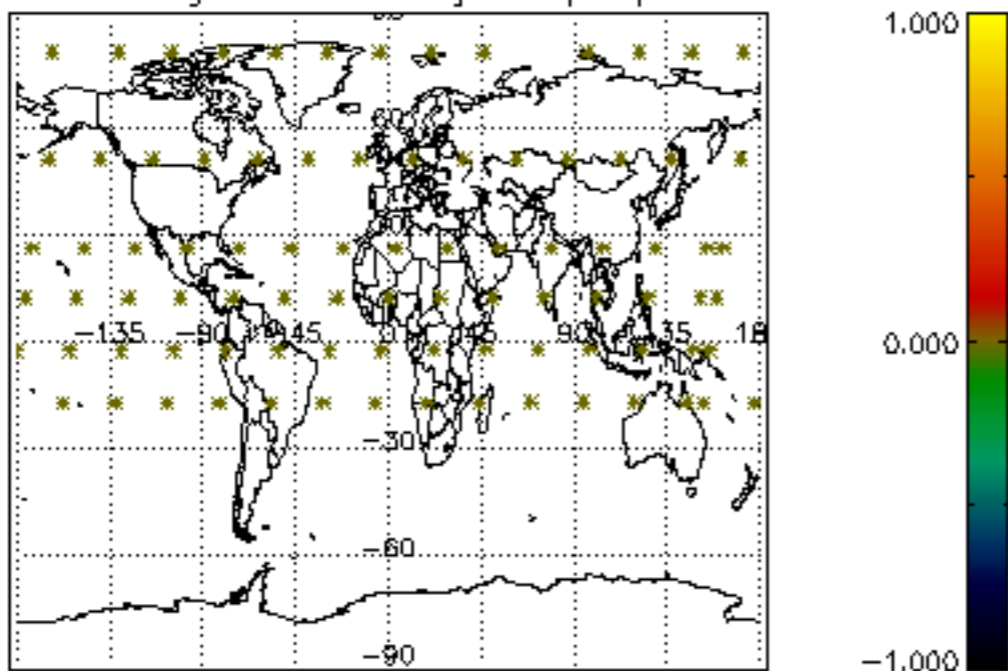
Percentage of star falling outside central band per profile



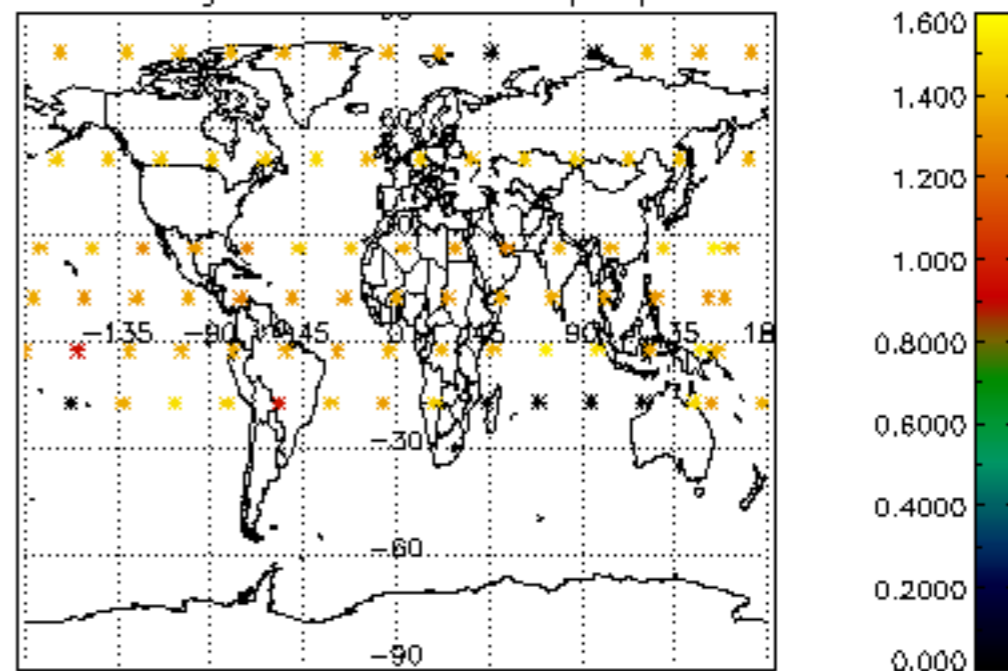
Percentage of saturation errors per profile



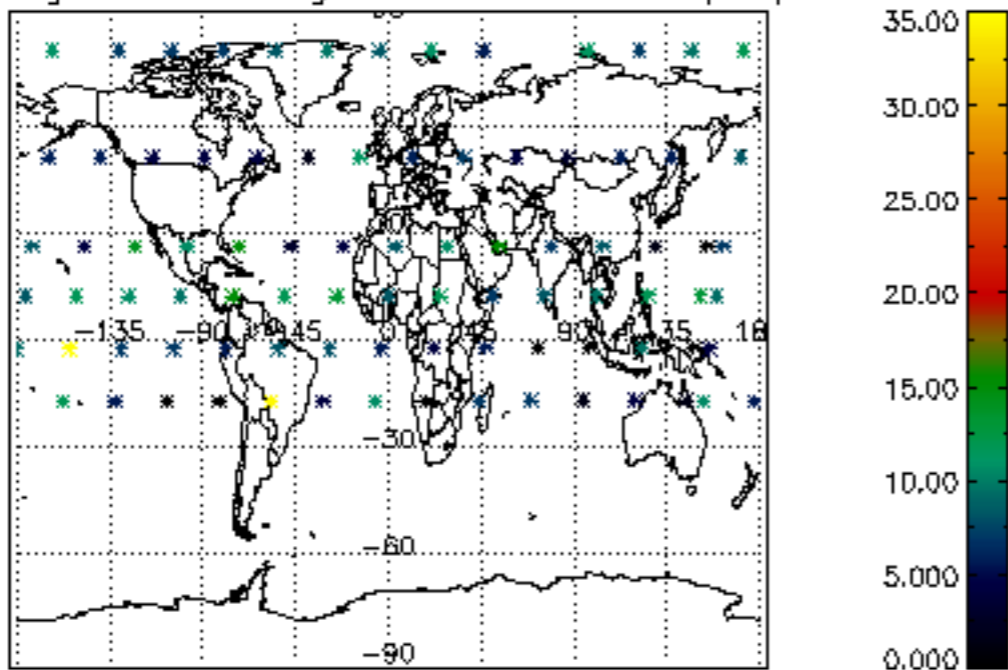
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

