

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 09:59:57
Data source version	GOMOS/6.01
Start time of products	20-07-2005 (20JUL2005 00:00:00)
Stop time of products	21-07-2005 (21JUL2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	157
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__2PRFIN20050720_001045_000000862039_00116_17705_5261.N1	20-JUL-2005 00:10:45	Dark	86.000	30	46Eps Ori	1.6940	30000.	172	17705	No
2	GOM_NL__2PRFIN20050720_001258_000000962039_00116_17705_5262.N1	20-JUL-2005 00:12:58	Dark	95.500	7	19Bet Ori	0.10000	14000.	191	17705	No
3	GOM_NL__2PRFIN20050720_001522_000000872039_00116_17705_5263.N1	20-JUL-2005 00:15:22	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17705	No
4	GOM_NL__2PRFIN20050720_003446_000000872039_00117_17706_4887.N1	20-JUL-2005 00:34:46	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17706	No
5	GOM_NL__2PRFIN20050720_005035_000000902039_00117_17706_4888.N1	20-JUL-2005 00:50:35	Twilight	90.000	38	20Eps Sgr	1.8360	11000.	180	17706	No
6	GOM_NL__2PRFIN20050720_005301_000000892039_00117_17706_4889.N1	20-JUL-2005 00:53:01	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17706	No
7	GOM_NL__2PRFIN20050720_010147_000000862039_00117_17706_4890.N1	20-JUL-2005 01:01:47	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17706	No
8	GOM_NL__2PRFIN20050720_010406_000000862039_00117_17706_4891.N1	20-JUL-2005 01:04:06	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17706	No
9	GOM_NL__2PRFIN20050720_011009_000000852039_00117_17706_4892.N1	20-JUL-2005 01:10:09	Bright	85.000	133	40Zet Her	2.8070	6000.0	170	17706	No
10	GOM_NL__2PRFIN20050720_011504_000000872039_00117_17706_4893.N1	20-JUL-2005 01:15:04	Bright	87.000	130	23Bet Dra	2.7990	5800.0	174	17706	No
11	GOM_NL__2PRFIN20050720_011812_000000872039_00117_17706_4894.N1	20-JUL-2005 01:18:12	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17706	No
12	GOM_NL__2PRFIN20050720_012225_000000822039_00117_17706_4895.N1	20-JUL-2005 01:22:25	Bright	82.000	60	7Bet UMi	2.0810	3950.0	164	17706	No
13	GOM_NL__2PRFIN20050720_015121_000000872039_00117_17706_4896.N1	20-JUL-2005 01:51:21	Dark	86.500	30	46Eps Ori	1.6940	30000.	173	17706	No
14	GOM_NL__2PRFIN20050720_015335_000000632039_00117_17706_4897.N1	20-JUL-2005 01:53:35	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	17706	No
15	GOM_NL__2PRFIN20050720_033157_000000882039_00118_17707_4887.N1	20-JUL-2005 03:31:57	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17707	No
16	GOM_NL__2PRFIN20050720_033411_000000872039_00118_17707_4888.N1	20-JUL-2005 03:34:11	Dark	86.500	7	19Bet Ori	0.10000	14000.	173	17707	No
17	GOM_NL__2PRFIN20050720_033634_000000832039_00118_17707_4889.N1	20-JUL-2005 03:36:34	Dark	82.500	101	11Alp Lep	2.5820	7000.0	165	17707	No
18	GOM_NL__2PRFIN20050720_035558_000000862039_00119_17708_5253.N1	20-JUL-2005 03:55:58	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17708	No
19	GOM_NL__2PRFIN20050720_041147_000000932039_00119_17708_5254.N1	20-JUL-2005 04:11:47	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17708	No
20	GOM_NL__2PRFIN20050720_041413_000000872039_00119_17708_5255.N1	20-JUL-2005 04:14:13	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17708	No
21	GOM_NL__2PRFIN20050720_042300_000000872039_00119_17708_5256.N1	20-JUL-2005 04:23:00	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17708	No
22	GOM_NL__2PRFIN20050720_042518_000000852039_00119_17708_5257.N1	20-JUL-2005 04:25:18	Bright	85.000	59	55Alp Oph	2.0800	8900.0	170	17708	No
23	GOM_NL__2PRFIN20050720_043122_000000852039_00119_17708_5258.N1	20-JUL-2005 04:31:22	Bright	84.500	133	40Zet Her	2.8070	6000.0	169	17708	No
24	GOM_NL__2PRFIN20050720_043616_000000862039_00119_17708_5259.N1	20-JUL-2005 04:36:16	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17708	No
25	GOM_NL__2PRFIN20050720_043924_000000832039_00119_17708_5260.N1	20-JUL-2005 04:39:24	Bright	82.500	119	14Eta Dra	2.7270	4700.0	165	17708	No
26	GOM_NL__2PRFIN20050720_044338_000000872039_00119_17708_5261.N1	20-JUL-2005 04:43:38	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17708	No
27	GOM_NL__2PRFIN20050720_051233_000000882039_00119_17708_5262.N1	20-JUL-2005 05:12:33	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17708	No
28	GOM_NL__2PRFIN20050720_051447_000000862039_00119_17708_5263.N1	20-JUL-2005 05:14:47	Dark	85.500	7	19Bet Ori	0.10000	14000.	171	17708	No
29	GOM_NL__2PRFIN20050720_051710_000000852039_00119_17708_5264.N1	20-JUL-2005 05:17:10	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17708	No
30	GOM_NL__2PRFIN20050720_053634_000000872039_00120_17709_5254.N1	20-JUL-2005 05:36:34	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17709	No
31	GOM_NL__2PRFIN20050720_055223_000000932039_00120_17709_5255.N1	20-JUL-2005 05:52:23	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17709	No
32	GOM_NL__2PRFIN20050720_055449_000000902039_00120_17709_5256.N1	20-JUL-2005 05:54:49	Bright	89.500	137	22Lam Sgr	2.8240	4400.0	179	17709	No
33	GOM_NL__2PRFIN20050720_060336_000000852039_00120_17709_5257.N1	20-JUL-2005 06:03:36	Bright	85.000	126	60Bet Oph	2.7700	4250.0	170	17709	No
34	GOM_NL__2PRFIN20050720_060554_000000872039_00120_17709_5258.N1	20-JUL-2005 06:05:54	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17709	No
35	GOM_NL__2PRFIN20050720_061158_000000862039_00120_17709_5259.N1	20-JUL-2005 06:11:58	Bright	85.500	133	40Zet Her	2.8070	6000.0	171	17709	No
36	GOM_NL__2PRFIN20050720_061652_000000852039_00120_17709_5260.N1	20-JUL-2005 06:16:52	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17709	No
37	GOM_NL__2PRFIN20050720_062001_000000852039_00120_17709_5261.N1	20-JUL-2005 06:20:01	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17709	No
38	GOM_NL__2PRFIN20050720_062414_000000872039_00120_17709_5262.N1	20-JUL-2005 06:24:14	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17709	No
39	GOM_NL__2PRFIN20050720_065310_000000842039_00120_17709_5263.N1	20-JUL-2005 06:53:10	Dark	84.000	30	46Eps Ori	1.6940	30000.	168	17709	No
40	GOM_NL__2PRFIN20050720_065523_000000872039_00120_17709_5264.N1	20-JUL-2005 06:55:23	Dark	86.500	7	19Bet Ori	0.10000	14000.	173	17709	No
41	GOM_NL__2PRFIN20050720_065746_000000872039_00120_17709_5265.N1	20-JUL-2005 06:57:46	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17709	No
42	GOM_NL__2PRFIN20050720_071710_000000852039_00121_17710_5255.N1	20-JUL-2005 07:17:10	Dark	84.500	135	Bet Hyi	2.8200	5800.0	169	17710	No

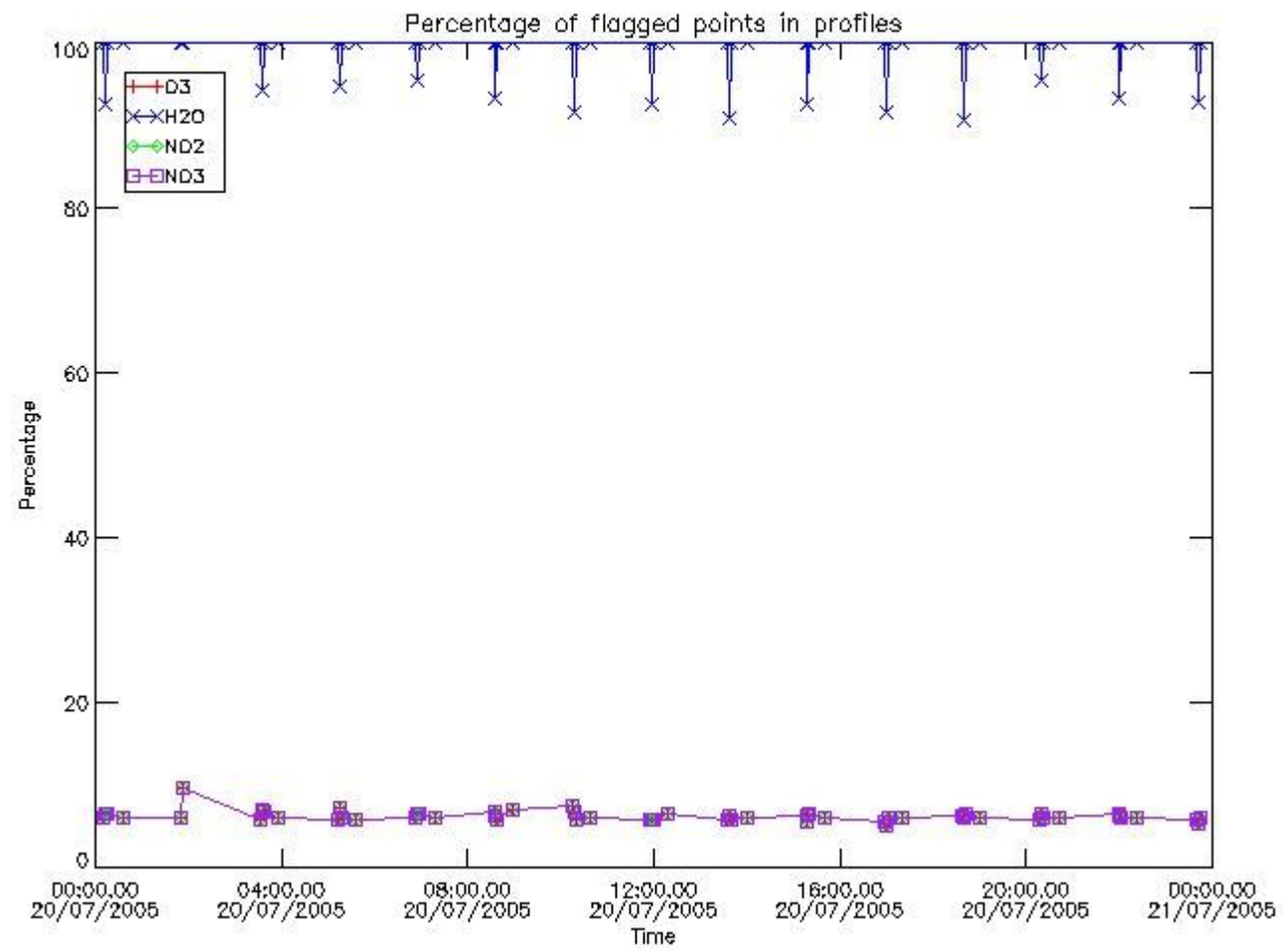
43	GOM_NL__2PRFIN20050720_073259_00000902039_00121_17710_5256.N1	20-JUL-2005 07:32:59	Bright	90.000	38	20Eps Sgr	1.8360	11000.	180	17710	No
44	GOM_NL__2PRFIN20050720_073525_00000892039_00121_17710_5257.N1	20-JUL-2005 07:35:25	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17710	No
45	GOM_NL__2PRFIN20050720_074412_00000862039_00121_17710_5258.N1	20-JUL-2005 07:44:12	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17710	No
46	GOM_NL__2PRFIN20050720_074630_00000852039_00121_17710_5259.N1	20-JUL-2005 07:46:30	Bright	85.000	59	55Alp Oph	2.0800	8900.0	170	17710	No
47	GOM_NL__2PRFIN20050720_075234_00000852039_00121_17710_5260.N1	20-JUL-2005 07:52:34	Bright	85.000	133	40Zet Her	2.8070	6000.0	170	17710	No
48	GOM_NL__2PRFIN20050720_075728_00000852039_00121_17710_5261.N1	20-JUL-2005 07:57:28	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17710	No
49	GOM_NL__2PRFIN20050720_080037_00000852039_00121_17710_5262.N1	20-JUL-2005 08:00:37	Bright	84.500	119	14Eta Dra	2.7270	4700.0	169	17710	No
50	GOM_NL__2PRFIN20050720_080450_00000862039_00121_17710_5263.N1	20-JUL-2005 08:04:50	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17710	No
51	GOM_NL__2PRFIN20050720_083346_00000842039_00121_17710_5264.N1	20-JUL-2005 08:33:46	Dark	83.500	30	46Eps Ori	1.6940	30000.	167	17710	No
52	GOM_NL__2PRFIN20050720_083600_00000882039_00121_17710_5265.N1	20-JUL-2005 08:36:00	Dark	88.000	7	19Bet Ori	0.10000	14000.	176	17710	No
53	GOM_NL__2PRFIN20050720_083823_00000892039_00121_17710_5266.N1	20-JUL-2005 08:38:23	Dark	88.500	101	11Alp Lep	2.5820	7000.0	177	17710	No
54	GOM_NL__2PRFIN20050720_085746_00000862039_00122_17711_5274.N1	20-JUL-2005 08:57:46	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17711	No
55	GOM_NL__2PRFIN20050720_091335_00000922039_00122_17711_5275.N1	20-JUL-2005 09:13:35	Bright	91.500	38	20Eps Sgr	1.8360	11000.	183	17711	No
56	GOM_NL__2PRFIN20050720_091602_00000882039_00122_17711_5276.N1	20-JUL-2005 09:16:02	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17711	No
57	GOM_NL__2PRFIN20050720_092448_00000872039_00122_17711_5277.N1	20-JUL-2005 09:24:48	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17711	No
58	GOM_NL__2PRFIN20050720_092706_00000862039_00122_17711_5278.N1	20-JUL-2005 09:27:06	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17711	No
59	GOM_NL__2PRFIN20050720_093311_00000862039_00122_17711_5279.N1	20-JUL-2005 09:33:11	Bright	86.000	133	40Zet Her	2.8070	6000.0	172	17711	No
60	GOM_NL__2PRFIN20050720_093804_00000862039_00122_17711_5280.N1	20-JUL-2005 09:38:04	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17711	No
61	GOM_NL__2PRFIN20050720_094113_00000852039_00122_17711_5281.N1	20-JUL-2005 09:41:13	Bright	84.500	119	14Eta Dra	2.7270	4700.0	169	17711	No
62	GOM_NL__2PRFIN20050720_094526_00000852039_00122_17711_5282.N1	20-JUL-2005 09:45:26	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17711	No
63	GOM_NL__2PRFIN20050720_101422_00000882039_00122_17711_5283.N1	20-JUL-2005 10:14:22	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17711	No
64	GOM_NL__2PRFIN20050720_101636_00000902039_00122_17711_5284.N1	20-JUL-2005 10:16:36	Dark	90.000	7	19Bet Ori	0.10000	14000.	180	17711	No
65	GOM_NL__2PRFIN20050720_101859_00000902039_00122_17711_5285.N1	20-JUL-2005 10:18:59	Dark	90.000	101	11Alp Lep	2.5820	7000.0	180	17711	No
66	GOM_NL__2PRFIN20050720_103823_00000852039_00123_17712_5096.N1	20-JUL-2005 10:38:23	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17712	No
67	GOM_NL__2PRFIN20050720_105411_00000912039_00123_17712_5097.N1	20-JUL-2005 10:54:11	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17712	No
68	GOM_NL__2PRFIN20050720_105638_00000892039_00123_17712_5098.N1	20-JUL-2005 10:56:38	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17712	No
69	GOM_NL__2PRFIN20050720_110524_00000862039_00123_17712_5099.N1	20-JUL-2005 11:05:24	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17712	No
70	GOM_NL__2PRFIN20050720_110742_00000872039_00123_17712_5100.N1	20-JUL-2005 11:07:42	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17712	No
71	GOM_NL__2PRFIN20050720_111347_00000872039_00123_17712_5101.N1	20-JUL-2005 11:13:47	Bright	87.000	133	40Zet Her	2.8070	6000.0	174	17712	No
72	GOM_NL__2PRFIN20050720_111840_00000862039_00123_17712_5102.N1	20-JUL-2005 11:18:40	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17712	No
73	GOM_NL__2PRFIN20050720_112149_00000832039_00123_17712_5103.N1	20-JUL-2005 11:21:49	Bright	83.000	119	14Eta Dra	2.7270	4700.0	166	17712	No
74	GOM_NL__2PRFIN20050720_112602_00000852039_00123_17712_5104.N1	20-JUL-2005 11:26:02	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17712	No
75	GOM_NL__2PRFIN20050720_115458_00000882039_00123_17712_5105.N1	20-JUL-2005 11:54:58	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17712	No
76	GOM_NL__2PRFIN20050720_115712_00000962039_00123_17712_5106.N1	20-JUL-2005 11:57:12	Dark	95.500	7	19Bet Ori	0.10000	14000.	191	17712	No
77	GOM_NL__2PRFIN20050720_115935_00000902039_00123_17712_5107.N1	20-JUL-2005 11:59:35	Dark	89.500	101	11Alp Lep	2.5820	7000.0	179	17712	No
78	GOM_NL__2PRFIN20050720_121859_00000872039_00124_17713_5275.N1	20-JUL-2005 12:18:59	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17713	No
79	GOM_NL__2PRFIN20050720_123447_00000912039_00124_17713_5276.N1	20-JUL-2005 12:34:47	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17713	No
80	GOM_NL__2PRFIN20050720_123714_00000872039_00124_17713_5277.N1	20-JUL-2005 12:37:14	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17713	No
81	GOM_NL__2PRFIN20050720_124600_00000852039_00124_17713_5278.N1	20-JUL-2005 12:46:00	Bright	85.000	126	60Bet Oph	2.7700	4250.0	170	17713	No
82	GOM_NL__2PRFIN20050720_124818_00000862039_00124_17713_5279.N1	20-JUL-2005 12:48:18	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17713	No
83	GOM_NL__2PRFIN20050720_125423_00000872039_00124_17713_5280.N1	20-JUL-2005 12:54:23	Bright	86.500	133	40Zet Her	2.8070	6000.0	173	17713	No
84	GOM_NL__2PRFIN20050720_125916_00000852039_00124_17713_5281.N1	20-JUL-2005 12:59:16	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17713	No
85	GOM_NL__2PRFIN20050720_130225_00000872039_00124_17713_5282.N1	20-JUL-2005 13:02:25	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17713	No
86	GOM_NL__2PRFIN20050720_130638_00000892039_00124_17713_5283.N1	20-JUL-2005 13:06:38	Bright	88.500	60	7Bet UMi	2.0810	3950.0	177	17713	No
87	GOM_NL__2PRFIN20050720_133534_00000882039_00124_17713_5284.N1	20-JUL-2005 13:35:34	Dark	88.000	30	46Eps Ori	1.6940	30000.	176	17713	No
88	GOM_NL__2PRFIN20050720_133748_00001002039_00124_17713_5285.N1	20-JUL-2005 13:37:48	Dark	99.500	7	19Bet Ori	0.10000	14000.	199	17713	No
89	GOM_NL__2PRFIN20050720_134011_00000892039_00124_17713_5286.N1	20-JUL-2005 13:40:11	Dark	89.000	101	11Alp Lep	2.5820	7000.0	178	17713	No
90	GOM_NL__2PRFIN20050720_135935_00000852039_00125_17714_5276.N1	20-JUL-2005 13:59:35	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17714	No
91	GOM_NL__2PRFIN20050720_141524_00000902039_00125_17714_5277.N1	20-JUL-2005 14:15:24	Bright	89.500	38	20Eps Sgr	1.8360	11000.	179	17714	No
92	GOM_NL__2PRFIN20050720_141750_00000892039_00125_17714_5278.N1	20-JUL-2005 14:17:50	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17714	No
93	GOM_NL__2PRFIN20050720_142636_00000862039_00125_17714_5279.N1	20-JUL-2005 14:26:36	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17714	No
94	GOM_NL__2PRFIN20050720_142855_00000842039_00125_17714_5280.N1	20-JUL-2005 14:28:55	Bright	83.500	59	55Alp Oph	2.0800	8900.0	167	17714	No
95	GOM_NL__2PRFIN20050720_143459_00000852039_00125_17714_5281.N1	20-JUL-2005 14:34:59	Bright	84.500	133	40Zet Her	2.8070	6000.0	169	17714	No
96	GOM_NL__2PRFIN20050720_143952_00000822039_00125_17714_5282.N1	20-JUL-2005 14:39:52	Bright	81.500	130	23Bet Dra	2.7990	5800.0	163	17714	No
97	GOM_NL__2PRFIN20050720_144301_00000842039_00125_17714_5283.N1	20-JUL-2005 14:43:01	Bright	83.500	119	14Eta Dra	2.7270	4700.0	167	17714	No
98	GOM_NL__2PRFIN20050720_144714_00000842039_00125_17714_5284.N1	20-JUL-2005 14:47:14	Bright	83.500	60	7Bet UMi	2.0810	3950.0	167	17714	No
99	GOM_NL__2PRFIN20050720_151610_00000902039_00125_17714_5285.N1	20-JUL-2005 15:16:10	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17714	No
100	GOM_NL__2PRFIN20050720_151824_00001012039_00125_17714_5286.N1	20-JUL-2005 15:18:24	Dark	100.50	7	19Bet Ori	0.10000	14000.	201	17714	No
101	GOM_NL__2PRFIN20050720_152047_00000882039_00125_17714_5287.N1	20-JUL-2005 15:20:47	Dark	87.500	101	11Alp Lep	2.5820	7000.0	175	17714	No

102	GOM_NL__2PRFIN20050720_154011_000000872039_00126_17715_5277.N1	20-JUL-2005 15:40:11	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17715	No
103	GOM_NL__2PRFIN20050720_155600_000000912039_00126_17715_5278.N1	20-JUL-2005 15:56:00	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17715	No
104	GOM_NL__2PRFIN20050720_155826_000000892039_00126_17715_5279.N1	20-JUL-2005 15:58:26	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17715	No
105	GOM_NL__2PRFIN20050720_160712_000000842039_00126_17715_5280.N1	20-JUL-2005 16:07:12	Bright	84.000	126	60Bet Oph	2.7700	4250.0	168	17715	No
106	GOM_NL__2PRFIN20050720_160931_000000832039_00126_17715_5281.N1	20-JUL-2005 16:09:31	Bright	83.000	59	55Alp Oph	2.0800	8900.0	166	17715	No
107	GOM_NL__2PRFIN20050720_162028_000000852039_00126_17715_5282.N1	20-JUL-2005 16:20:28	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17715	No
108	GOM_NL__2PRFIN20050720_162337_000000862039_00126_17715_5283.N1	20-JUL-2005 16:23:37	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	17715	No
109	GOM_NL__2PRFIN20050720_162751_000000862039_00126_17715_5284.N1	20-JUL-2005 16:27:51	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17715	No
110	GOM_NL__2PRFIN20050720_165646_000000912039_00126_17715_5285.N1	20-JUL-2005 16:56:46	Dark	90.500	30	46Eps Ori	1.6940	30000.	181	17715	No
111	GOM_NL__2PRFIN20050720_165900_000001002039_00126_17715_5286.N1	20-JUL-2005 16:59:00	Dark	100.00	7	19Bet Ori	0.10000	14000.	200	17715	No
112	GOM_NL__2PRFIN20050720_170123_000000872039_00126_17715_5287.N1	20-JUL-2005 17:01:23	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17715	No
113	GOM_NL__2PRFIN20050720_172047_000000862039_00127_17716_5279.N1	20-JUL-2005 17:20:47	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17716	No
114	GOM_NL__2PRFIN20050720_173636_000000912039_00127_17716_5280.N1	20-JUL-2005 17:36:36	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17716	No
115	GOM_NL__2PRFIN20050720_173902_000000892039_00127_17716_5281.N1	20-JUL-2005 17:39:02	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17716	No
116	GOM_NL__2PRFIN20050720_174749_000000842039_00127_17716_5282.N1	20-JUL-2005 17:47:49	Bright	83.500	126	60Bet Oph	2.7700	4250.0	167	17716	No
117	GOM_NL__2PRFIN20050720_175007_000000842039_00127_17716_5283.N1	20-JUL-2005 17:50:07	Bright	84.000	59	55Alp Oph	2.0800	8900.0	168	17716	No
118	GOM_NL__2PRFIN20050720_175612_000000882039_00127_17716_5284.N1	20-JUL-2005 17:56:12	Bright	87.500	133	40Zet Her	2.8070	6000.0	175	17716	No
119	GOM_NL__2PRFIN20050720_180104_000000862039_00127_17716_5285.N1	20-JUL-2005 18:01:04	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17716	No
120	GOM_NL__2PRFIN20050720_180414_000000852039_00127_17716_5286.N1	20-JUL-2005 18:04:14	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17716	No
121	GOM_NL__2PRFIN20050720_180827_000000842039_00127_17716_5287.N1	20-JUL-2005 18:08:27	Bright	83.500	60	7Bet UMi	2.0810	3950.0	167	17716	No
122	GOM_NL__2PRFIN20050720_183722_000000902039_00127_17716_5288.N1	20-JUL-2005 18:37:22	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17716	No
123	GOM_NL__2PRFIN20050720_183937_000000922039_00127_17716_5289.N1	20-JUL-2005 18:39:37	Dark	91.500	7	19Bet Ori	0.10000	14000.	183	17716	No
124	GOM_NL__2PRFIN20050720_184159_000000852039_00127_17716_5290.N1	20-JUL-2005 18:41:59	Dark	85.000	101	11Alp Lep	2.5820	7000.0	170	17716	No
125	GOM_NL__2PRFIN20050720_190124_000000862039_00128_17717_5279.N1	20-JUL-2005 19:01:24	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17717	No
126	GOM_NL__2PRFIN20050720_191712_000000922039_00128_17717_5280.N1	20-JUL-2005 19:17:12	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17717	No
127	GOM_NL__2PRFIN20050720_191938_000000892039_00128_17717_5281.N1	20-JUL-2005 19:19:38	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17717	No
128	GOM_NL__2PRFIN20050720_192825_000000842039_00128_17717_5282.N1	20-JUL-2005 19:28:25	Bright	84.000	126	60Bet Oph	2.7700	4250.0	168	17717	No
129	GOM_NL__2PRFIN20050720_193043_000000842039_00128_17717_5283.N1	20-JUL-2005 19:30:43	Bright	84.000	59	55Alp Oph	2.0800	8900.0	168	17717	No
130	GOM_NL__2PRFIN20050720_194140_000000872039_00128_17717_5284.N1	20-JUL-2005 19:41:40	Bright	86.500	130	23Bet Dra	2.7990	5800.0	173	17717	No
131	GOM_NL__2PRFIN20050720_194450_000000872039_00128_17717_5285.N1	20-JUL-2005 19:44:50	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17717	No
132	GOM_NL__2PRFIN20050720_194903_000000832039_00128_17717_5286.N1	20-JUL-2005 19:49:03	Bright	83.000	60	7Bet UMi	2.0810	3950.0	166	17717	No
133	GOM_NL__2PRFIN20050720_201758_000000882039_00128_17717_5287.N1	20-JUL-2005 20:17:58	Dark	88.000	30	46Eps Ori	1.6940	30000.	176	17717	No
134	GOM_NL__2PRFIN20050720_202013_000000872039_00128_17717_5288.N1	20-JUL-2005 20:20:13	Dark	86.500	7	19Bet Ori	0.10000	14000.	173	17717	No
135	GOM_NL__2PRFIN20050720_202235_000000852039_00128_17717_5289.N1	20-JUL-2005 20:22:35	Dark	85.000	101	11Alp Lep	2.5820	7000.0	170	17717	No
136	GOM_NL__2PRFIN20050720_204200_000000862039_00129_17718_5280.N1	20-JUL-2005 20:42:00	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17718	No
137	GOM_NL__2PRFIN20050720_205748_000000922039_00129_17718_5281.N1	20-JUL-2005 20:57:48	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17718	No
138	GOM_NL__2PRFIN20050720_210014_000000882039_00129_17718_5282.N1	20-JUL-2005 21:00:14	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17718	No
139	GOM_NL__2PRFIN20050720_210901_000000852039_00129_17718_5283.N1	20-JUL-2005 21:09:01	Bright	85.000	126	60Bet Oph	2.7700	4250.0	170	17718	No
140	GOM_NL__2PRFIN20050720_211119_000000862039_00129_17718_5284.N1	20-JUL-2005 21:11:19	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17718	No
141	GOM_NL__2PRFIN20050720_212216_000000862039_00129_17718_5285.N1	20-JUL-2005 21:22:16	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17718	No
142	GOM_NL__2PRFIN20050720_212526_000000852039_00129_17718_5286.N1	20-JUL-2005 21:25:26	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17718	No
143	GOM_NL__2PRFIN20050720_212939_000000852039_00129_17718_5287.N1	20-JUL-2005 21:29:39	Bright	85.000	60	7Bet UMi	2.0810	3950.0	170	17718	No
144	GOM_NL__2PRFIN20050720_215835_000000882039_00129_17718_5288.N1	20-JUL-2005 21:58:35	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17718	No
145	GOM_NL__2PRFIN20050720_220049_000000892039_00129_17718_5289.N1	20-JUL-2005 22:00:49	Dark	89.000	7	19Bet Ori	0.10000	14000.	178	17718	No
146	GOM_NL__2PRFIN20050720_220311_000000872039_00129_17718_5290.N1	20-JUL-2005 22:03:11	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17718	No
147	GOM_NL__2PRFIN20050720_222236_000000862039_00130_17719_5291.N1	20-JUL-2005 22:22:36	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17719	No
148	GOM_NL__2PRFIN20050720_223824_000000912039_00130_17719_5292.N1	20-JUL-2005 22:38:24	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17719	No
149	GOM_NL__2PRFIN20050720_224050_000000892039_00130_17719_5293.N1	20-JUL-2005 22:40:50	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17719	No
150	GOM_NL__2PRFIN20050720_224937_000000862039_00130_17719_5294.N1	20-JUL-2005 22:49:37	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17719	No
151	GOM_NL__2PRFIN20050720_225155_000000872039_00130_17719_5295.N1	20-JUL-2005 22:51:55	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17719	No
152	GOM_NL__2PRFIN20050720_230252_000000862039_00130_17719_5296.N1	20-JUL-2005 23:02:52	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17719	No
153	GOM_NL__2PRFIN20050720_230602_000000862039_00130_17719_5297.N1	20-JUL-2005 23:06:02	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	17719	No
154	GOM_NL__2PRFIN20050720_231015_000000862039_00130_17719_5298.N1	20-JUL-2005 23:10:15	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17719	No
155	GOM_NL__2PRFIN20050720_233911_000000882039_00130_17719_5299.N1	20-JUL-2005 23:39:11	Dark	88.000	30	46Eps Ori	1.6940	30000.	176	17719	No
156	GOM_NL__2PRFIN20050720_234125_000000982039_00130_17719_5300.N1	20-JUL-2005 23:41:25	Dark	98.000	7	19Bet Ori	0.10000	14000.	196	17719	No
157	GOM_NL__2PRFIN20050720_234347_000000852039_00130_17719_5301.N1	20-JUL-2005 23:43:47	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17719	No

3. Quality information per product

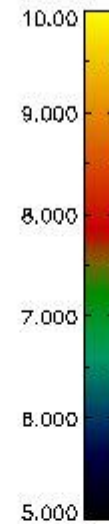
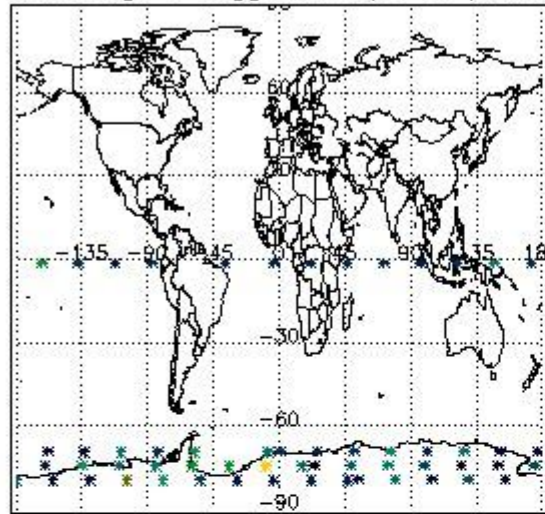
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

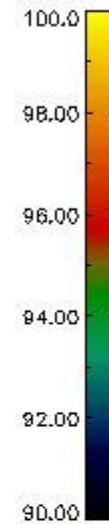
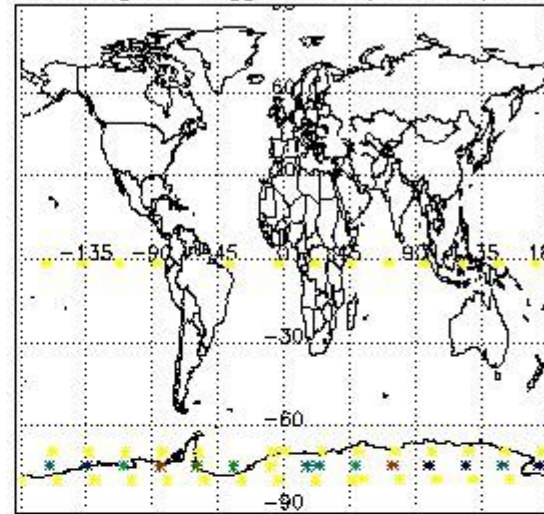


3.2 Plot quality information per product (world map)

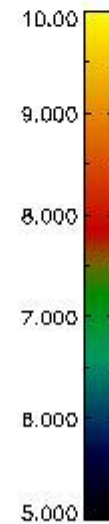
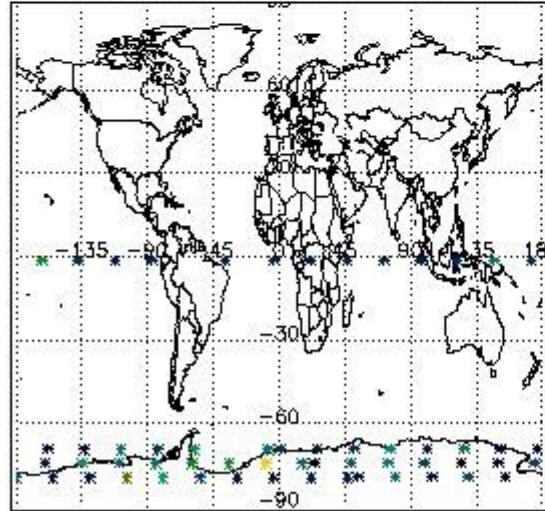
Percentage of flagged data per O3 profile



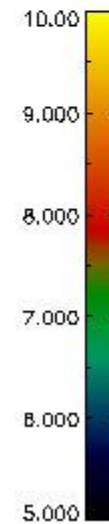
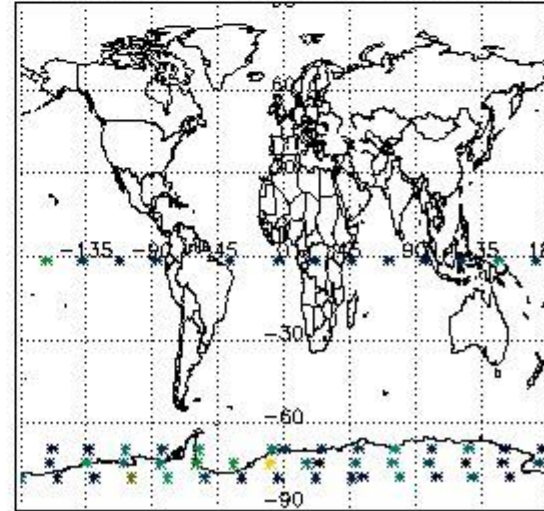
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

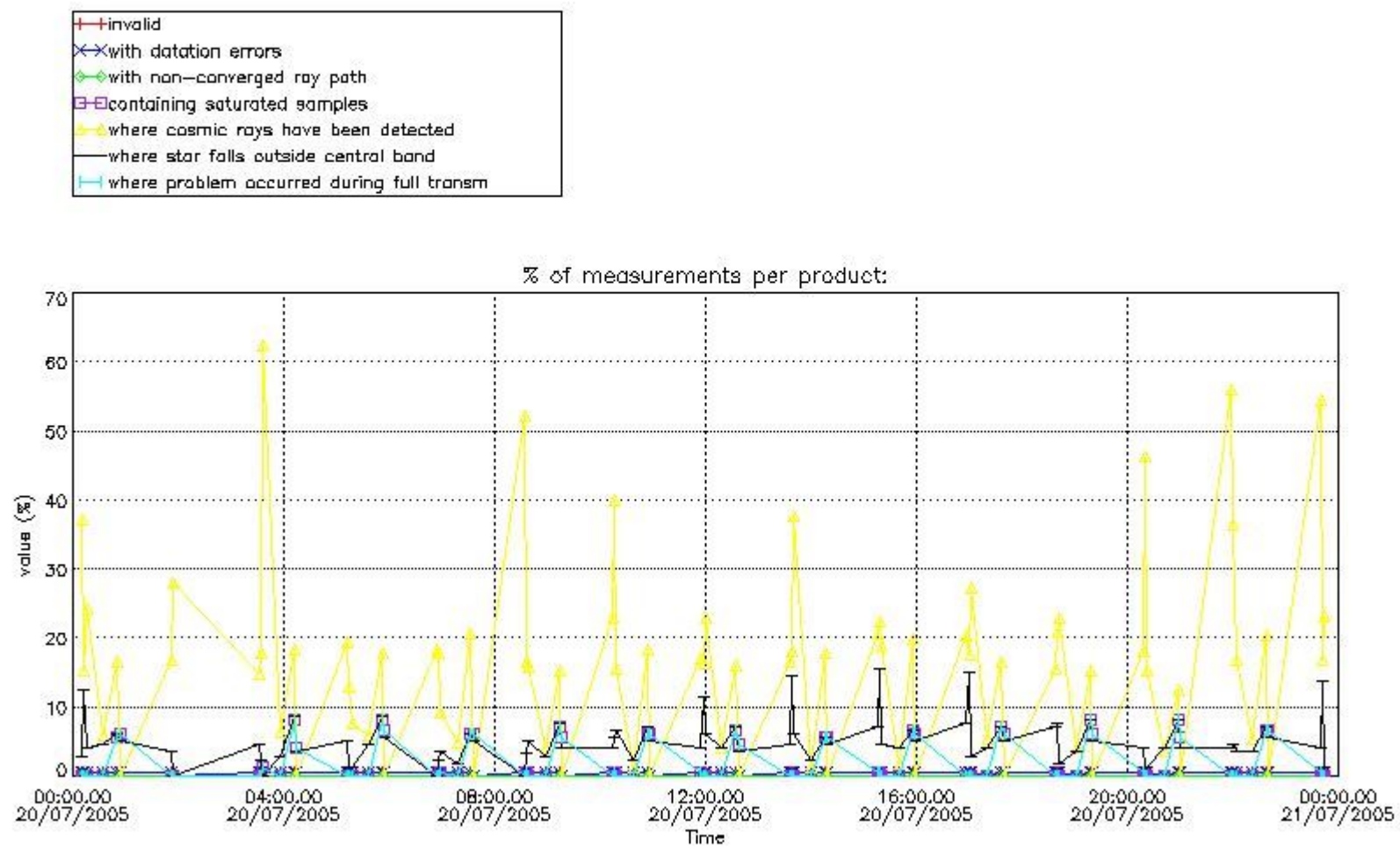


4. Level 1 quality information per product

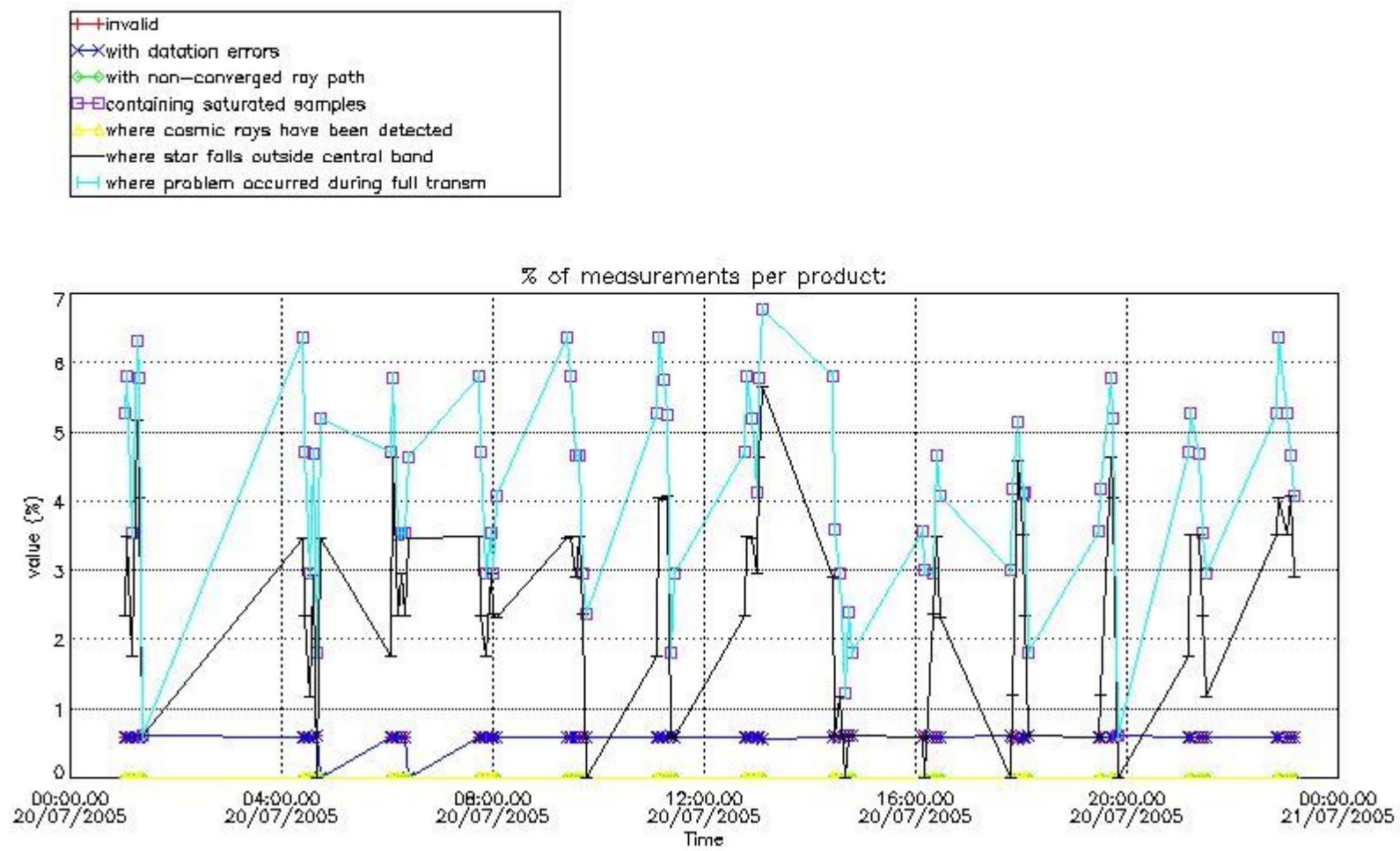
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

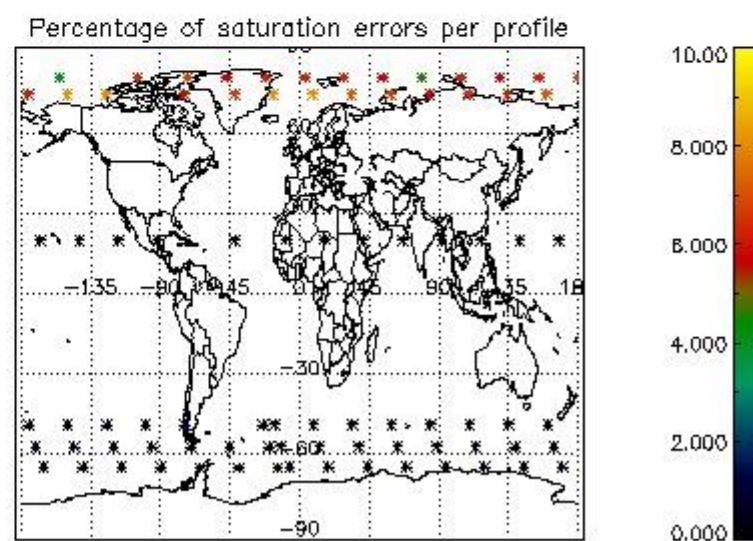
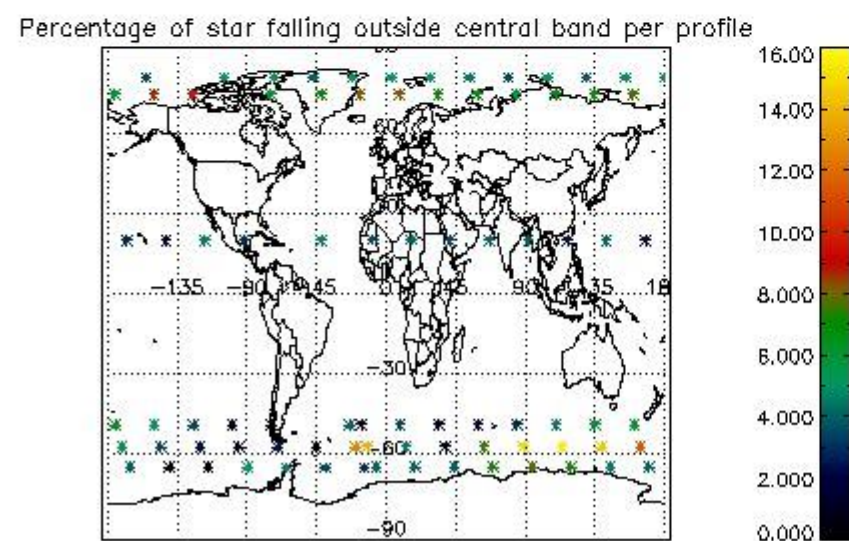
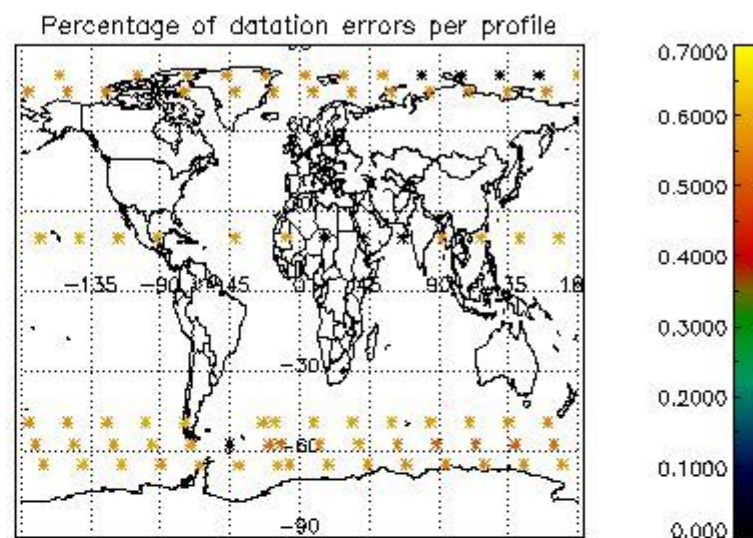
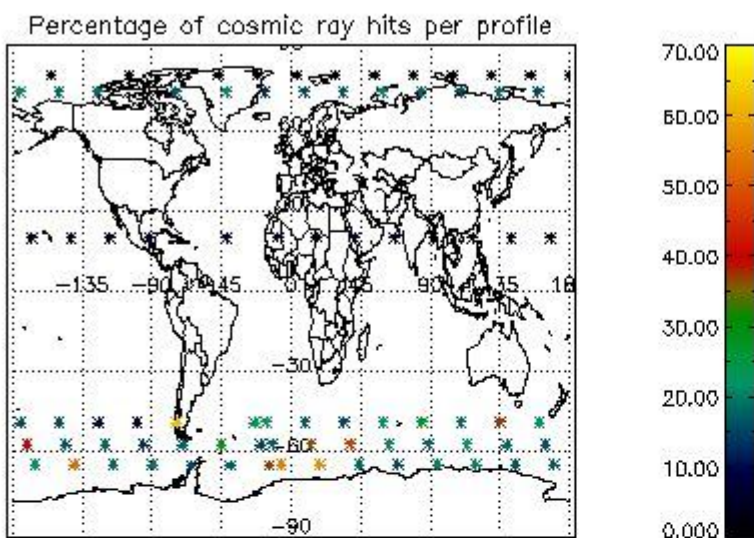


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

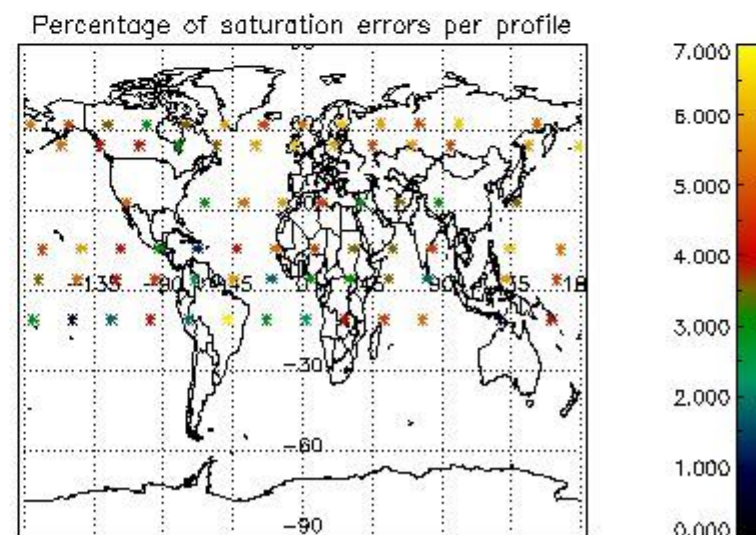
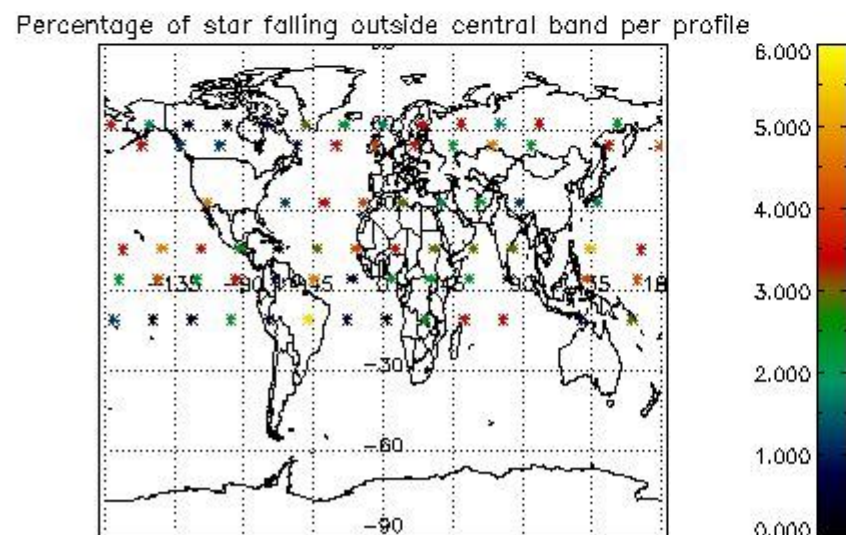
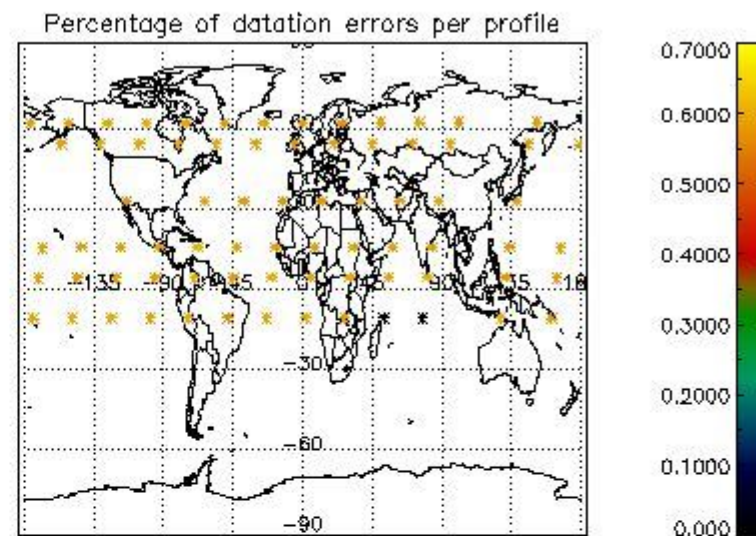
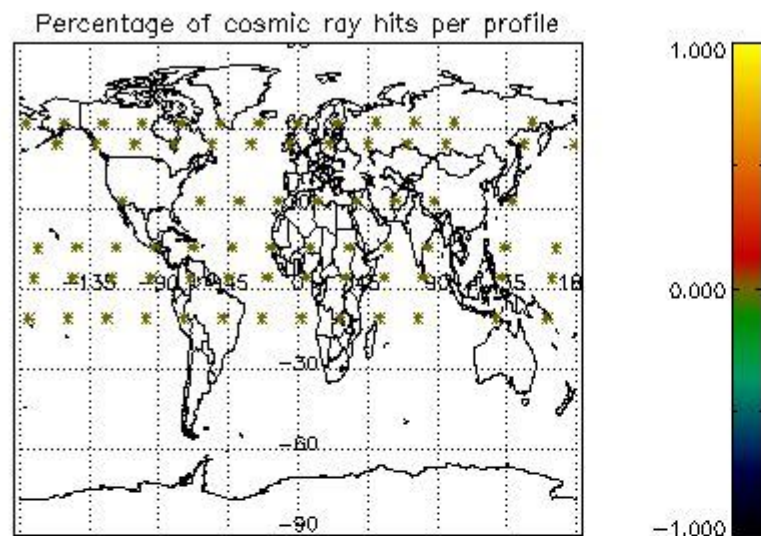


4.2 Plot quality information per product coming from level 1b processing (world map)

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

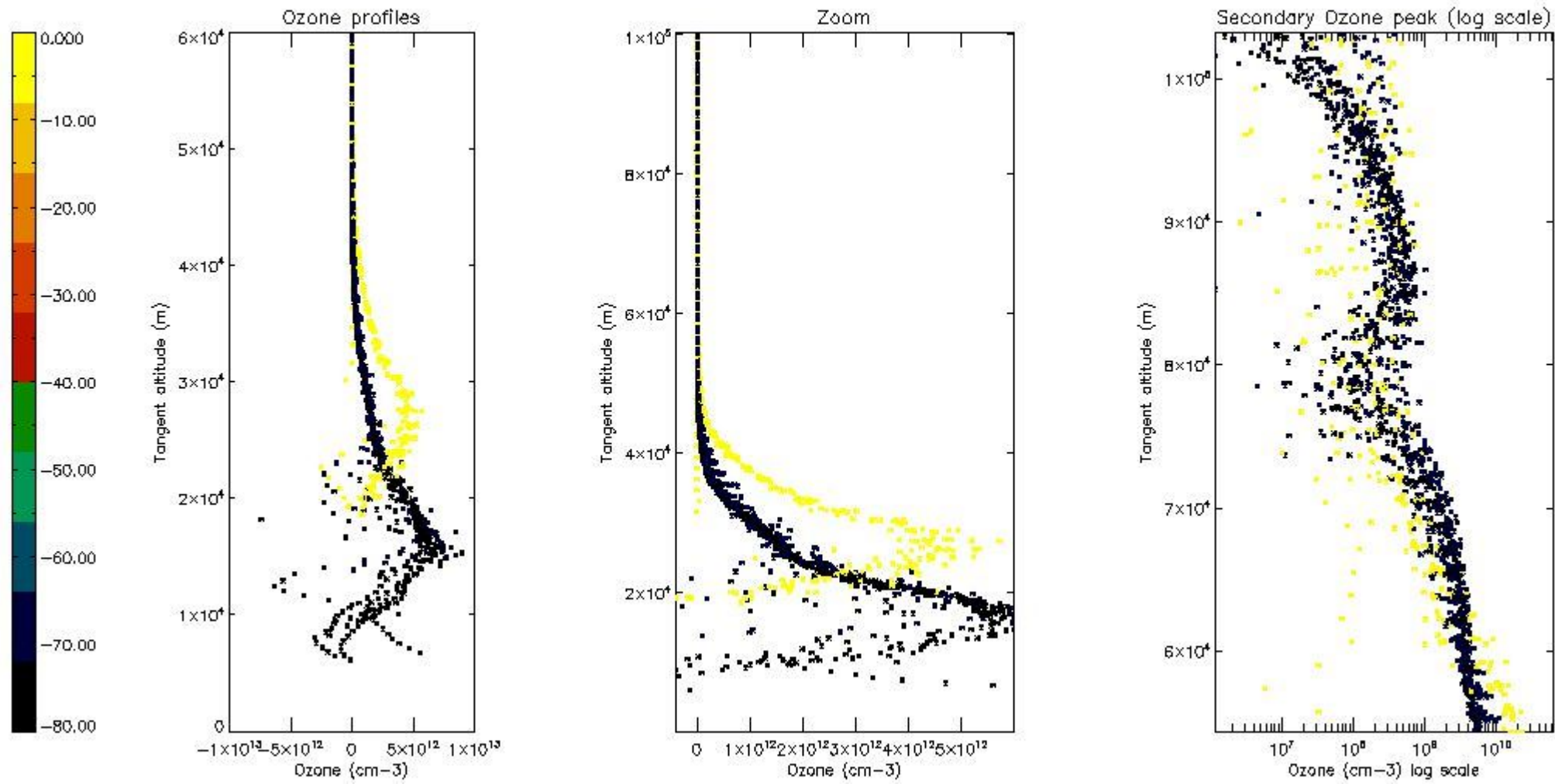
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	9

STD < 10	7
STD < 5	5

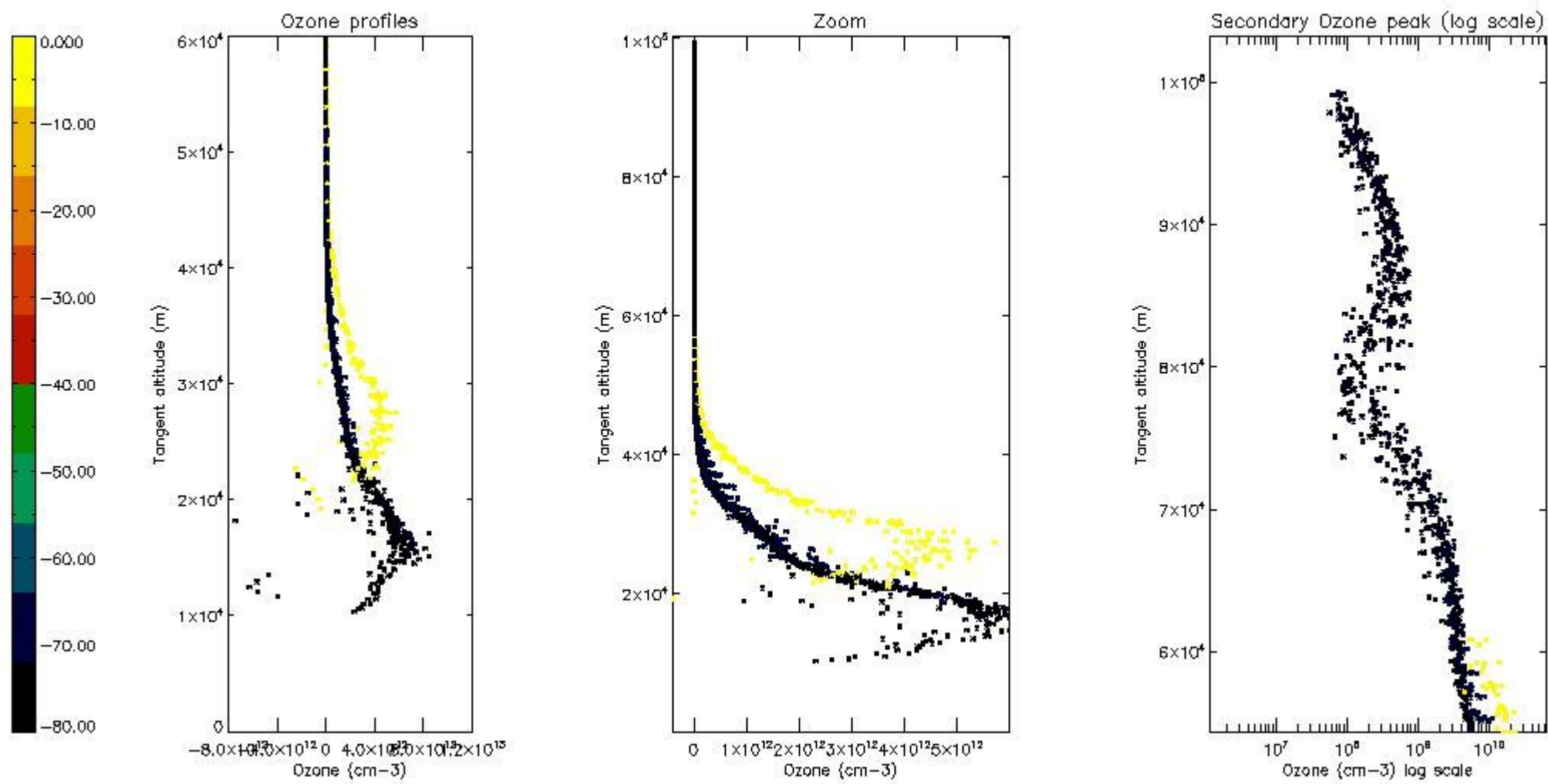
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



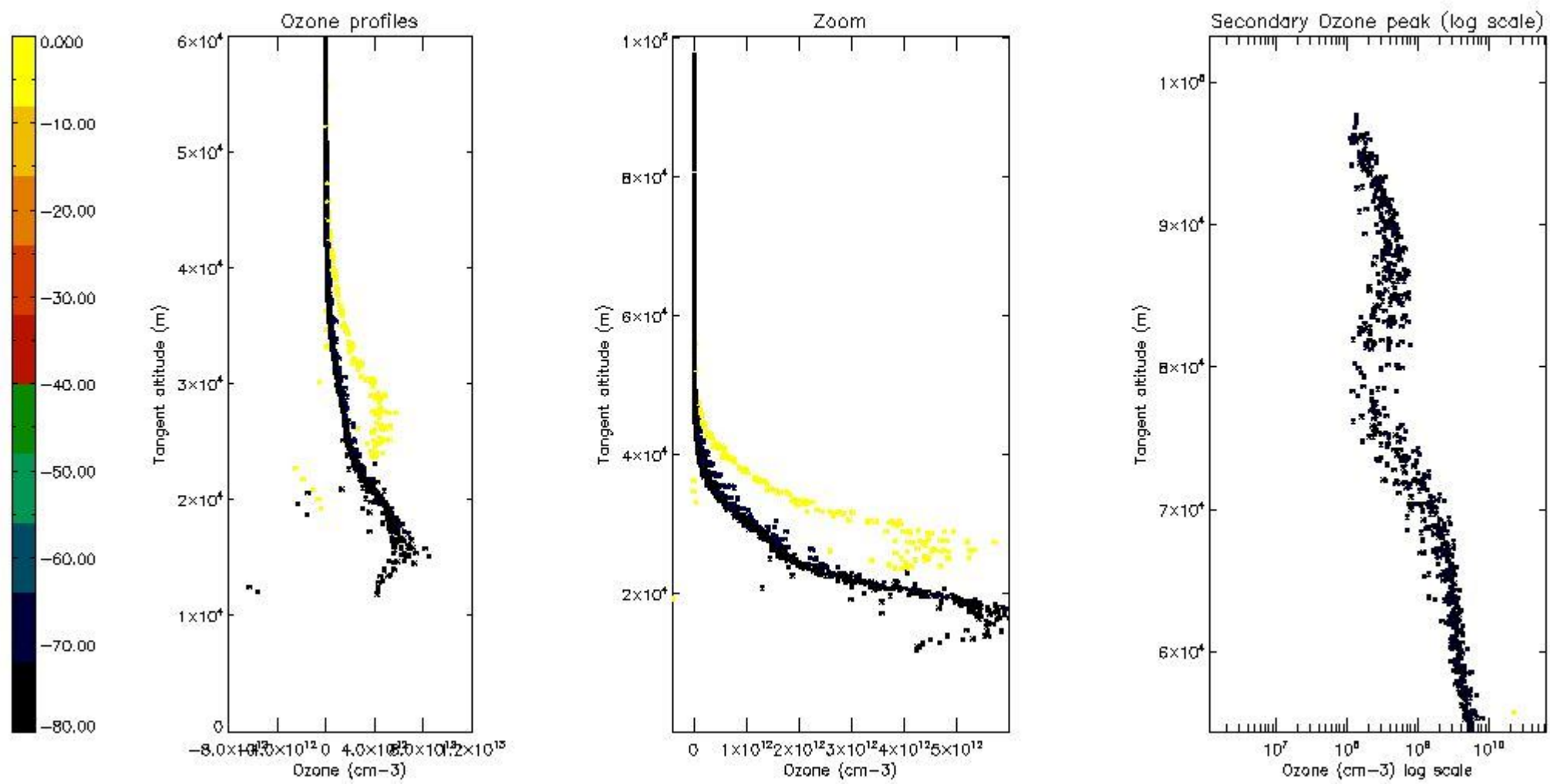
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



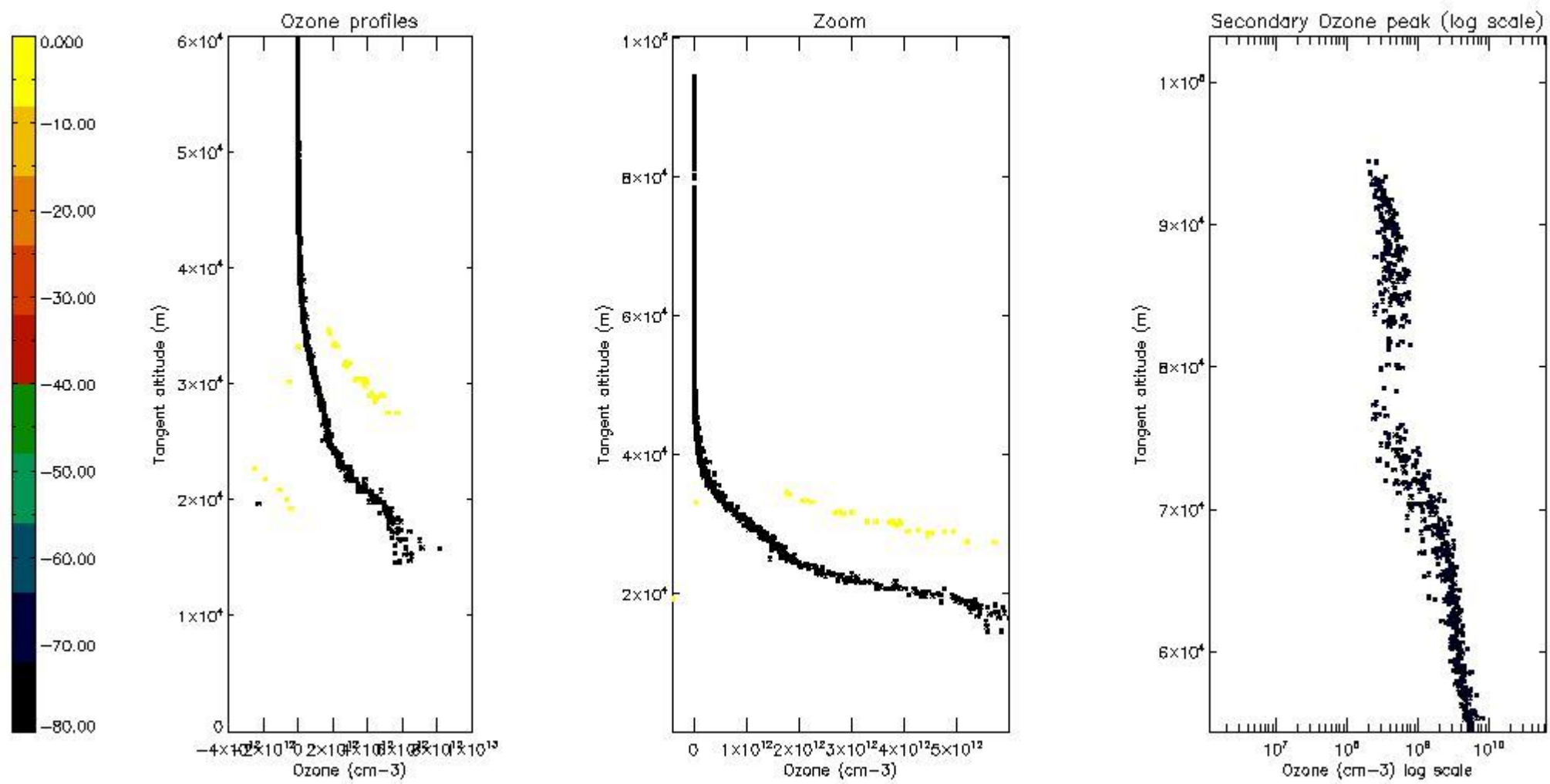
5.4 Plot ozone profiles where $\text{STD} < 10\%$ (dark without errors)

The colorbar represents the latitude.



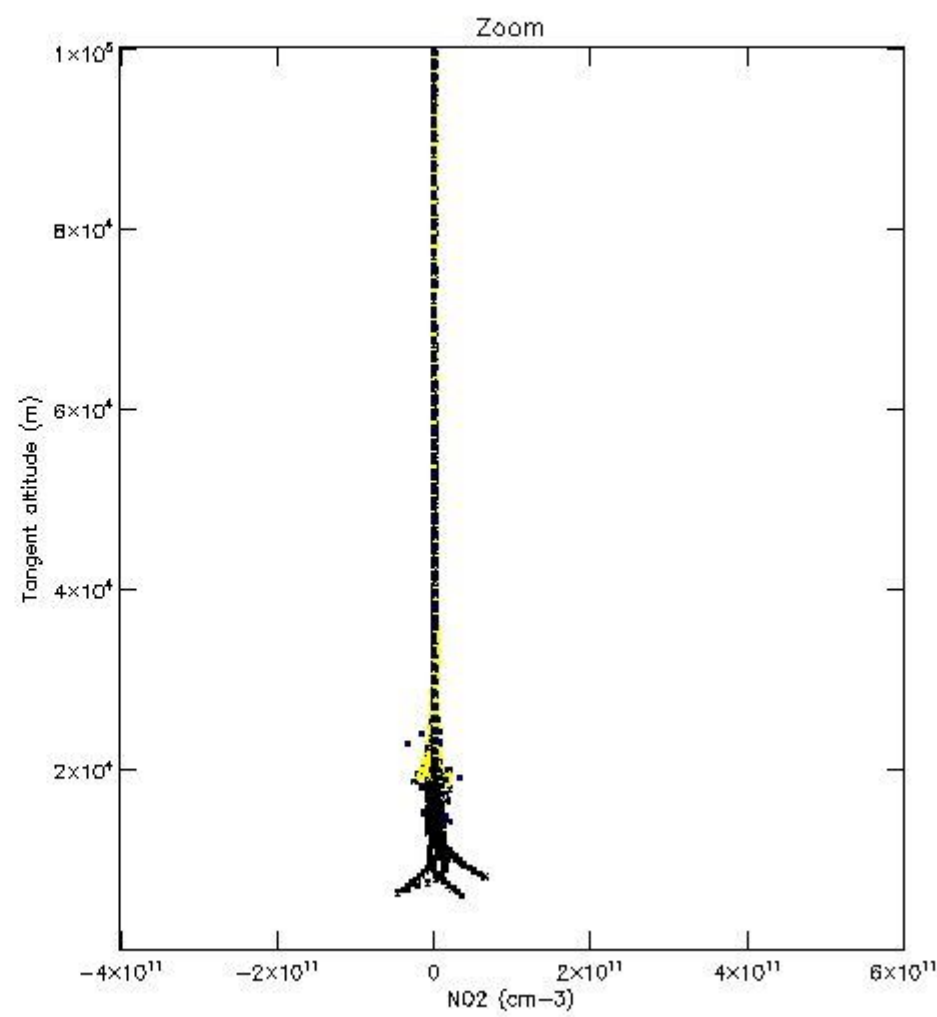
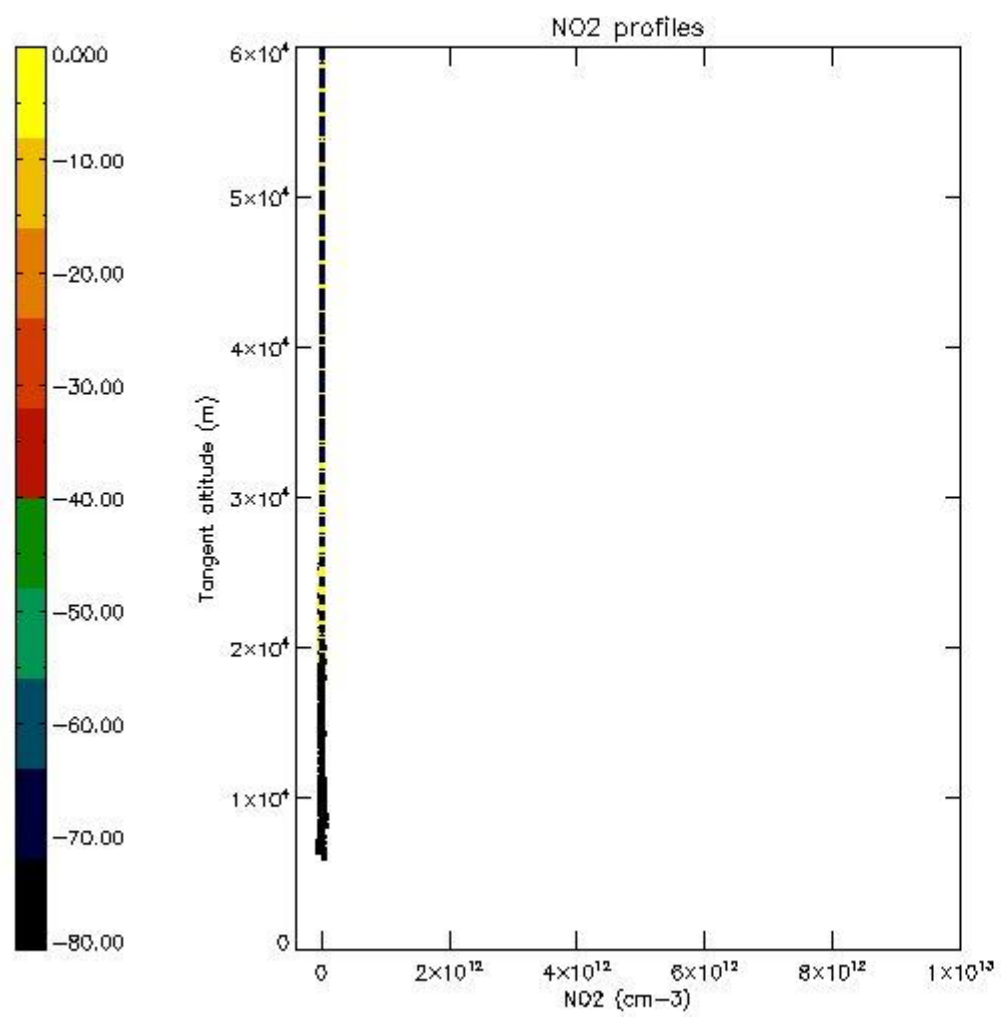
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



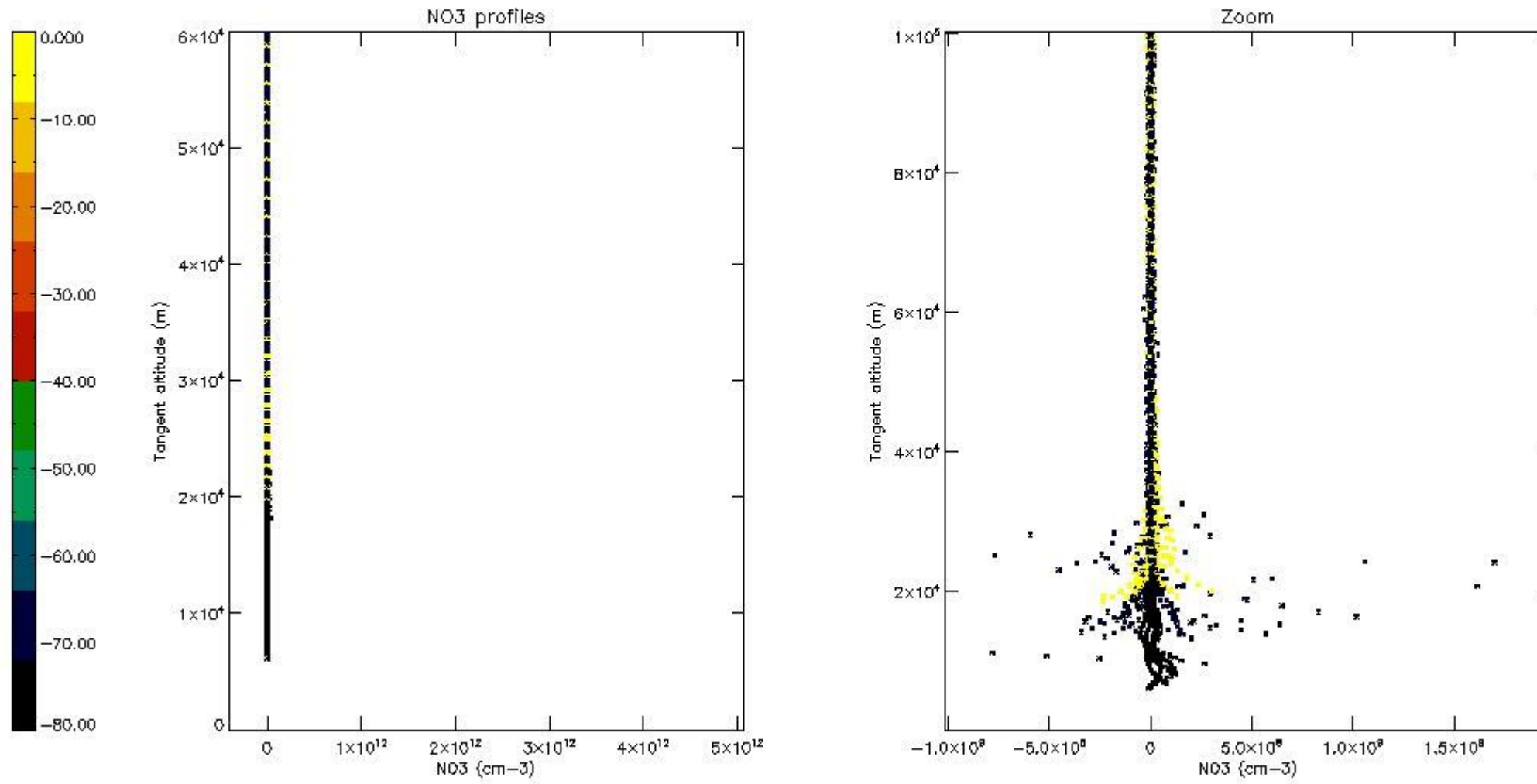
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	20-JUL-2005 00:10:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUL-2005 00:10:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUL-2005 00:10:45

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 09:59:57
Data source version	GOMOS/6.01
Start time of products	20-07-2005 (20JUL2005 00:00:00)
Stop time of products	21-07-2005 (21JUL2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	157
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__2PRFIN20050720_001045_000000862039_00116_17705_5261.N1	20-JUL-2005 00:10:45	Dark	86.000	30	46Eps Ori	1.6940	30000.	172	17705	No
2	GOM_NL__2PRFIN20050720_001258_000000962039_00116_17705_5262.N1	20-JUL-2005 00:12:58	Dark	95.500	7	19Bet Ori	0.10000	14000.	191	17705	No
3	GOM_NL__2PRFIN20050720_001522_000000872039_00116_17705_5263.N1	20-JUL-2005 00:15:22	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17705	No
4	GOM_NL__2PRFIN20050720_003446_000000872039_00117_17706_4887.N1	20-JUL-2005 00:34:46	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17706	No
5	GOM_NL__2PRFIN20050720_005035_000000902039_00117_17706_4888.N1	20-JUL-2005 00:50:35	Twilight	90.000	38	20Eps Sgr	1.8360	11000.	180	17706	No
6	GOM_NL__2PRFIN20050720_005301_000000892039_00117_17706_4889.N1	20-JUL-2005 00:53:01	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17706	No
7	GOM_NL__2PRFIN20050720_010147_000000862039_00117_17706_4890.N1	20-JUL-2005 01:01:47	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17706	No
8	GOM_NL__2PRFIN20050720_010406_000000862039_00117_17706_4891.N1	20-JUL-2005 01:04:06	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17706	No
9	GOM_NL__2PRFIN20050720_011009_000000852039_00117_17706_4892.N1	20-JUL-2005 01:10:09	Bright	85.000	133	40Zet Her	2.8070	6000.0	170	17706	No
10	GOM_NL__2PRFIN20050720_011504_000000872039_00117_17706_4893.N1	20-JUL-2005 01:15:04	Bright	87.000	130	23Bet Dra	2.7990	5800.0	174	17706	No
11	GOM_NL__2PRFIN20050720_011812_000000872039_00117_17706_4894.N1	20-JUL-2005 01:18:12	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17706	No
12	GOM_NL__2PRFIN20050720_012225_000000822039_00117_17706_4895.N1	20-JUL-2005 01:22:25	Bright	82.000	60	7Bet UMi	2.0810	3950.0	164	17706	No
13	GOM_NL__2PRFIN20050720_015121_000000872039_00117_17706_4896.N1	20-JUL-2005 01:51:21	Dark	86.500	30	46Eps Ori	1.6940	30000.	173	17706	No
14	GOM_NL__2PRFIN20050720_015335_000000632039_00117_17706_4897.N1	20-JUL-2005 01:53:35	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	17706	No
15	GOM_NL__2PRFIN20050720_033157_000000882039_00118_17707_4887.N1	20-JUL-2005 03:31:57	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17707	No
16	GOM_NL__2PRFIN20050720_033411_000000872039_00118_17707_4888.N1	20-JUL-2005 03:34:11	Dark	86.500	7	19Bet Ori	0.10000	14000.	173	17707	No
17	GOM_NL__2PRFIN20050720_033634_000000832039_00118_17707_4889.N1	20-JUL-2005 03:36:34	Dark	82.500	101	11Alp Lep	2.5820	7000.0	165	17707	No
18	GOM_NL__2PRFIN20050720_035558_000000862039_00119_17708_5253.N1	20-JUL-2005 03:55:58	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17708	No
19	GOM_NL__2PRFIN20050720_041147_000000932039_00119_17708_5254.N1	20-JUL-2005 04:11:47	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17708	No
20	GOM_NL__2PRFIN20050720_041413_000000872039_00119_17708_5255.N1	20-JUL-2005 04:14:13	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17708	No
21	GOM_NL__2PRFIN20050720_042300_000000872039_00119_17708_5256.N1	20-JUL-2005 04:23:00	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17708	No
22	GOM_NL__2PRFIN20050720_042518_000000852039_00119_17708_5257.N1	20-JUL-2005 04:25:18	Bright	85.000	59	55Alp Oph	2.0800	8900.0	170	17708	No
23	GOM_NL__2PRFIN20050720_043122_000000852039_00119_17708_5258.N1	20-JUL-2005 04:31:22	Bright	84.500	133	40Zet Her	2.8070	6000.0	169	17708	No
24	GOM_NL__2PRFIN20050720_043616_000000862039_00119_17708_5259.N1	20-JUL-2005 04:36:16	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17708	No
25	GOM_NL__2PRFIN20050720_043924_000000832039_00119_17708_5260.N1	20-JUL-2005 04:39:24	Bright	82.500	119	14Eta Dra	2.7270	4700.0	165	17708	No
26	GOM_NL__2PRFIN20050720_044338_000000872039_00119_17708_5261.N1	20-JUL-2005 04:43:38	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17708	No
27	GOM_NL__2PRFIN20050720_051233_000000882039_00119_17708_5262.N1	20-JUL-2005 05:12:33	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17708	No
28	GOM_NL__2PRFIN20050720_051447_000000862039_00119_17708_5263.N1	20-JUL-2005 05:14:47	Dark	85.500	7	19Bet Ori	0.10000	14000.	171	17708	No
29	GOM_NL__2PRFIN20050720_051710_000000852039_00119_17708_5264.N1	20-JUL-2005 05:17:10	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17708	No
30	GOM_NL__2PRFIN20050720_053634_000000872039_00120_17709_5254.N1	20-JUL-2005 05:36:34	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17709	No
31	GOM_NL__2PRFIN20050720_055223_000000932039_00120_17709_5255.N1	20-JUL-2005 05:52:23	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17709	No
32	GOM_NL__2PRFIN20050720_055449_000000902039_00120_17709_5256.N1	20-JUL-2005 05:54:49	Bright	89.500	137	22Lam Sgr	2.8240	4400.0	179	17709	No
33	GOM_NL__2PRFIN20050720_060336_000000852039_00120_17709_5257.N1	20-JUL-2005 06:03:36	Bright	85.000	126	60Bet Oph	2.7700	4250.0	170	17709	No
34	GOM_NL__2PRFIN20050720_060554_000000872039_00120_17709_5258.N1	20-JUL-2005 06:05:54	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17709	No
35	GOM_NL__2PRFIN20050720_061158_000000862039_00120_17709_5259.N1	20-JUL-2005 06:11:58	Bright	85.500	133	40Zet Her	2.8070	6000.0	171	17709	No
36	GOM_NL__2PRFIN20050720_061652_000000852039_00120_17709_5260.N1	20-JUL-2005 06:16:52	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17709	No
37	GOM_NL__2PRFIN20050720_062001_000000852039_00120_17709_5261.N1	20-JUL-2005 06:20:01	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17709	No
38	GOM_NL__2PRFIN20050720_062414_000000872039_00120_17709_5262.N1	20-JUL-2005 06:24:14	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17709	No
39	GOM_NL__2PRFIN20050720_065310_000000842039_00120_17709_5263.N1	20-JUL-2005 06:53:10	Dark	84.000	30	46Eps Ori	1.6940	30000.	168	17709	No
40	GOM_NL__2PRFIN20050720_065523_000000872039_00120_17709_5264.N1	20-JUL-2005 06:55:23	Dark	86.500	7	19Bet Ori	0.10000	14000.	173	17709	No
41	GOM_NL__2PRFIN20050720_065746_000000872039_00120_17709_5265.N1	20-JUL-2005 06:57:46	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17709	No
42	GOM_NL__2PRFIN20050720_071710_000000852039_00121_17710_5255.N1	20-JUL-2005 07:17:10	Dark	84.500	135	Bet Hyi	2.8200	5800.0	169	17710	No

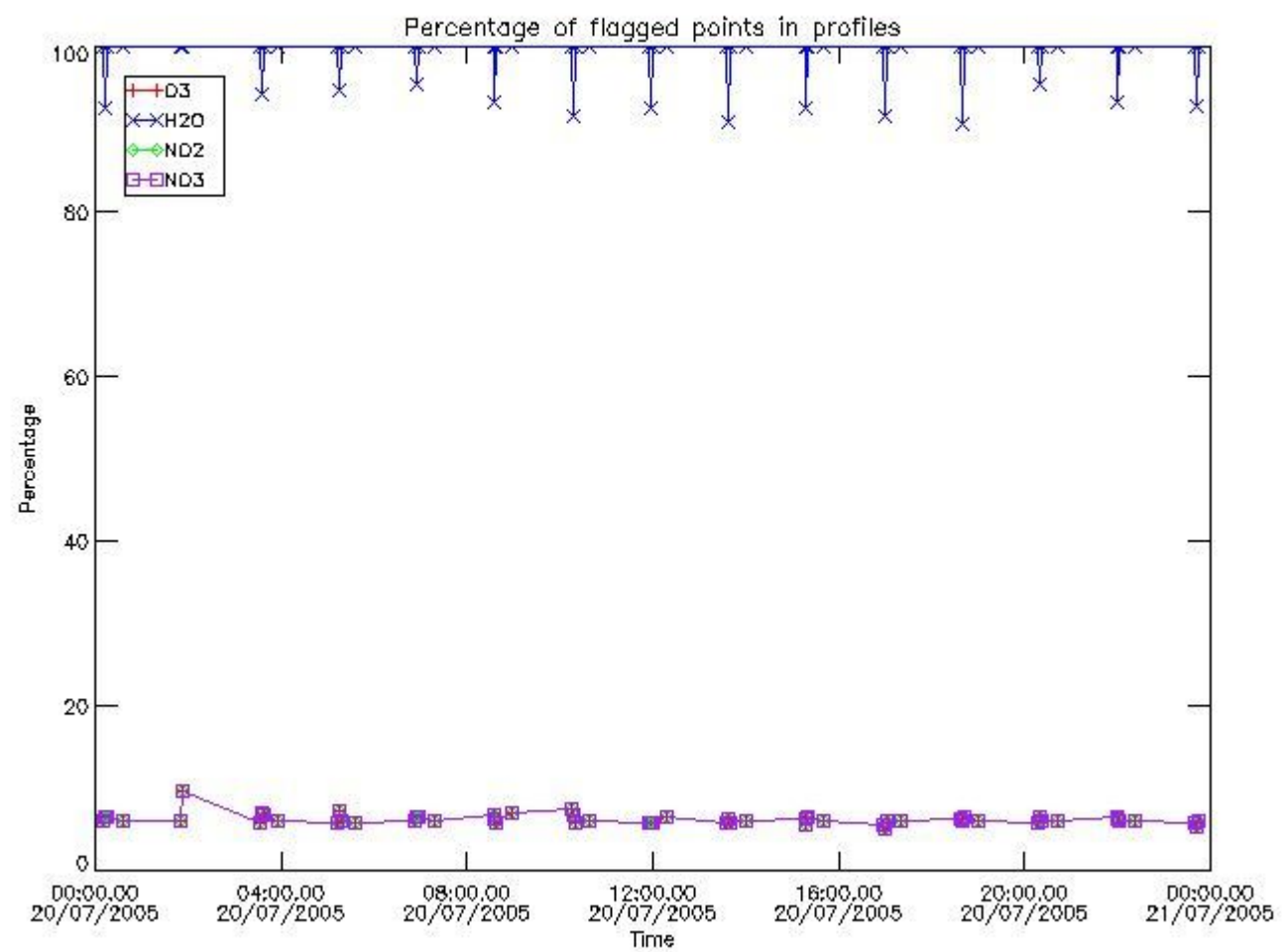
43	GOM_NL__2PRFIN20050720_073259_00000902039_00121_17710_5256.N1	20-JUL-2005 07:32:59	Bright	90.000	38	20Eps Sgr	1.8360	11000.	180	17710	No
44	GOM_NL__2PRFIN20050720_073525_00000892039_00121_17710_5257.N1	20-JUL-2005 07:35:25	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17710	No
45	GOM_NL__2PRFIN20050720_074412_00000862039_00121_17710_5258.N1	20-JUL-2005 07:44:12	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17710	No
46	GOM_NL__2PRFIN20050720_074630_00000852039_00121_17710_5259.N1	20-JUL-2005 07:46:30	Bright	85.000	59	55Alp Oph	2.0800	8900.0	170	17710	No
47	GOM_NL__2PRFIN20050720_075234_00000852039_00121_17710_5260.N1	20-JUL-2005 07:52:34	Bright	85.000	133	40Zet Her	2.8070	6000.0	170	17710	No
48	GOM_NL__2PRFIN20050720_075728_00000852039_00121_17710_5261.N1	20-JUL-2005 07:57:28	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17710	No
49	GOM_NL__2PRFIN20050720_080037_00000852039_00121_17710_5262.N1	20-JUL-2005 08:00:37	Bright	84.500	119	14Eta Dra	2.7270	4700.0	169	17710	No
50	GOM_NL__2PRFIN20050720_080450_00000862039_00121_17710_5263.N1	20-JUL-2005 08:04:50	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17710	No
51	GOM_NL__2PRFIN20050720_083346_00000842039_00121_17710_5264.N1	20-JUL-2005 08:33:46	Dark	83.500	30	46Eps Ori	1.6940	30000.	167	17710	No
52	GOM_NL__2PRFIN20050720_083600_00000882039_00121_17710_5265.N1	20-JUL-2005 08:36:00	Dark	88.000	7	19Bet Ori	0.10000	14000.	176	17710	No
53	GOM_NL__2PRFIN20050720_083823_00000892039_00121_17710_5266.N1	20-JUL-2005 08:38:23	Dark	88.500	101	11Alp Lep	2.5820	7000.0	177	17710	No
54	GOM_NL__2PRFIN20050720_085746_00000862039_00122_17711_5274.N1	20-JUL-2005 08:57:46	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17711	No
55	GOM_NL__2PRFIN20050720_091335_00000922039_00122_17711_5275.N1	20-JUL-2005 09:13:35	Bright	91.500	38	20Eps Sgr	1.8360	11000.	183	17711	No
56	GOM_NL__2PRFIN20050720_091602_00000882039_00122_17711_5276.N1	20-JUL-2005 09:16:02	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17711	No
57	GOM_NL__2PRFIN20050720_092448_00000872039_00122_17711_5277.N1	20-JUL-2005 09:24:48	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17711	No
58	GOM_NL__2PRFIN20050720_092706_00000862039_00122_17711_5278.N1	20-JUL-2005 09:27:06	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17711	No
59	GOM_NL__2PRFIN20050720_093311_00000862039_00122_17711_5279.N1	20-JUL-2005 09:33:11	Bright	86.000	133	40Zet Her	2.8070	6000.0	172	17711	No
60	GOM_NL__2PRFIN20050720_093804_00000862039_00122_17711_5280.N1	20-JUL-2005 09:38:04	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17711	No
61	GOM_NL__2PRFIN20050720_094113_00000852039_00122_17711_5281.N1	20-JUL-2005 09:41:13	Bright	84.500	119	14Eta Dra	2.7270	4700.0	169	17711	No
62	GOM_NL__2PRFIN20050720_094526_00000852039_00122_17711_5282.N1	20-JUL-2005 09:45:26	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17711	No
63	GOM_NL__2PRFIN20050720_101422_00000882039_00122_17711_5283.N1	20-JUL-2005 10:14:22	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17711	No
64	GOM_NL__2PRFIN20050720_101636_00000902039_00122_17711_5284.N1	20-JUL-2005 10:16:36	Dark	90.000	7	19Bet Ori	0.10000	14000.	180	17711	No
65	GOM_NL__2PRFIN20050720_101859_00000902039_00122_17711_5285.N1	20-JUL-2005 10:18:59	Dark	90.000	101	11Alp Lep	2.5820	7000.0	180	17711	No
66	GOM_NL__2PRFIN20050720_103823_00000852039_00123_17712_5096.N1	20-JUL-2005 10:38:23	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17712	No
67	GOM_NL__2PRFIN20050720_105411_00000912039_00123_17712_5097.N1	20-JUL-2005 10:54:11	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17712	No
68	GOM_NL__2PRFIN20050720_105638_00000892039_00123_17712_5098.N1	20-JUL-2005 10:56:38	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17712	No
69	GOM_NL__2PRFIN20050720_110524_00000862039_00123_17712_5099.N1	20-JUL-2005 11:05:24	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17712	No
70	GOM_NL__2PRFIN20050720_110742_00000872039_00123_17712_5100.N1	20-JUL-2005 11:07:42	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17712	No
71	GOM_NL__2PRFIN20050720_111347_00000872039_00123_17712_5101.N1	20-JUL-2005 11:13:47	Bright	87.000	133	40Zet Her	2.8070	6000.0	174	17712	No
72	GOM_NL__2PRFIN20050720_111840_00000862039_00123_17712_5102.N1	20-JUL-2005 11:18:40	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17712	No
73	GOM_NL__2PRFIN20050720_112149_00000832039_00123_17712_5103.N1	20-JUL-2005 11:21:49	Bright	83.000	119	14Eta Dra	2.7270	4700.0	166	17712	No
74	GOM_NL__2PRFIN20050720_112602_00000852039_00123_17712_5104.N1	20-JUL-2005 11:26:02	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17712	No
75	GOM_NL__2PRFIN20050720_115458_00000882039_00123_17712_5105.N1	20-JUL-2005 11:54:58	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17712	No
76	GOM_NL__2PRFIN20050720_115712_00000962039_00123_17712_5106.N1	20-JUL-2005 11:57:12	Dark	95.500	7	19Bet Ori	0.10000	14000.	191	17712	No
77	GOM_NL__2PRFIN20050720_115935_00000902039_00123_17712_5107.N1	20-JUL-2005 11:59:35	Dark	89.500	101	11Alp Lep	2.5820	7000.0	179	17712	No
78	GOM_NL__2PRFIN20050720_121859_00000872039_00124_17713_5275.N1	20-JUL-2005 12:18:59	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17713	No
79	GOM_NL__2PRFIN20050720_123447_00000912039_00124_17713_5276.N1	20-JUL-2005 12:34:47	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17713	No
80	GOM_NL__2PRFIN20050720_123714_00000872039_00124_17713_5277.N1	20-JUL-2005 12:37:14	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17713	No
81	GOM_NL__2PRFIN20050720_124600_00000852039_00124_17713_5278.N1	20-JUL-2005 12:46:00	Bright	85.000	126	60Bet Oph	2.7700	4250.0	170	17713	No
82	GOM_NL__2PRFIN20050720_124818_00000862039_00124_17713_5279.N1	20-JUL-2005 12:48:18	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17713	No
83	GOM_NL__2PRFIN20050720_125423_00000872039_00124_17713_5280.N1	20-JUL-2005 12:54:23	Bright	86.500	133	40Zet Her	2.8070	6000.0	173	17713	No
84	GOM_NL__2PRFIN20050720_125916_00000852039_00124_17713_5281.N1	20-JUL-2005 12:59:16	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17713	No
85	GOM_NL__2PRFIN20050720_130225_00000872039_00124_17713_5282.N1	20-JUL-2005 13:02:25	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17713	No
86	GOM_NL__2PRFIN20050720_130638_00000892039_00124_17713_5283.N1	20-JUL-2005 13:06:38	Bright	88.500	60	7Bet UMi	2.0810	3950.0	177	17713	No
87	GOM_NL__2PRFIN20050720_133534_00000882039_00124_17713_5284.N1	20-JUL-2005 13:35:34	Dark	88.000	30	46Eps Ori	1.6940	30000.	176	17713	No
88	GOM_NL__2PRFIN20050720_133748_00001002039_00124_17713_5285.N1	20-JUL-2005 13:37:48	Dark	99.500	7	19Bet Ori	0.10000	14000.	199	17713	No
89	GOM_NL__2PRFIN20050720_134011_00000892039_00124_17713_5286.N1	20-JUL-2005 13:40:11	Dark	89.000	101	11Alp Lep	2.5820	7000.0	178	17713	No
90	GOM_NL__2PRFIN20050720_135935_00000852039_00125_17714_5276.N1	20-JUL-2005 13:59:35	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17714	No
91	GOM_NL__2PRFIN20050720_141524_00000902039_00125_17714_5277.N1	20-JUL-2005 14:15:24	Bright	89.500	38	20Eps Sgr	1.8360	11000.	179	17714	No
92	GOM_NL__2PRFIN20050720_141750_00000892039_00125_17714_5278.N1	20-JUL-2005 14:17:50	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17714	No
93	GOM_NL__2PRFIN20050720_142636_00000862039_00125_17714_5279.N1	20-JUL-2005 14:26:36	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17714	No
94	GOM_NL__2PRFIN20050720_142855_00000842039_00125_17714_5280.N1	20-JUL-2005 14:28:55	Bright	83.500	59	55Alp Oph	2.0800	8900.0	167	17714	No
95	GOM_NL__2PRFIN20050720_143459_00000852039_00125_17714_5281.N1	20-JUL-2005 14:34:59	Bright	84.500	133	40Zet Her	2.8070	6000.0	169	17714	No
96	GOM_NL__2PRFIN20050720_143952_00000822039_00125_17714_5282.N1	20-JUL-2005 14:39:52	Bright	81.500	130	23Bet Dra	2.7990	5800.0	163	17714	No
97	GOM_NL__2PRFIN20050720_144301_00000842039_00125_17714_5283.N1	20-JUL-2005 14:43:01	Bright	83.500	119	14Eta Dra	2.7270	4700.0	167	17714	No
98	GOM_NL__2PRFIN20050720_144714_00000842039_00125_17714_5284.N1	20-JUL-2005 14:47:14	Bright	83.500	60	7Bet UMi	2.0810	3950.0	167	17714	No
99	GOM_NL__2PRFIN20050720_151610_00000902039_00125_17714_5285.N1	20-JUL-2005 15:16:10	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17714	No
100	GOM_NL__2PRFIN20050720_151824_00001012039_00125_17714_5286.N1	20-JUL-2005 15:18:24	Dark	100.50	7	19Bet Ori	0.10000	14000.	201	17714	No
101	GOM_NL__2PRFIN20050720_152047_00000882039_00125_17714_5287.N1	20-JUL-2005 15:20:47	Dark	87.500	101	11Alp Lep	2.5820	7000.0	175	17714	No

102	GOM_NL__2PRFIN20050720_154011_000000872039_00126_17715_5277.N1	20-JUL-2005 15:40:11	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17715	No
103	GOM_NL__2PRFIN20050720_155600_000000912039_00126_17715_5278.N1	20-JUL-2005 15:56:00	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17715	No
104	GOM_NL__2PRFIN20050720_155826_000000892039_00126_17715_5279.N1	20-JUL-2005 15:58:26	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17715	No
105	GOM_NL__2PRFIN20050720_160712_000000842039_00126_17715_5280.N1	20-JUL-2005 16:07:12	Bright	84.000	126	60Bet Oph	2.7700	4250.0	168	17715	No
106	GOM_NL__2PRFIN20050720_160931_000000832039_00126_17715_5281.N1	20-JUL-2005 16:09:31	Bright	83.000	59	55Alp Oph	2.0800	8900.0	166	17715	No
107	GOM_NL__2PRFIN20050720_162028_000000852039_00126_17715_5282.N1	20-JUL-2005 16:20:28	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17715	No
108	GOM_NL__2PRFIN20050720_162337_000000862039_00126_17715_5283.N1	20-JUL-2005 16:23:37	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	17715	No
109	GOM_NL__2PRFIN20050720_162751_000000862039_00126_17715_5284.N1	20-JUL-2005 16:27:51	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17715	No
110	GOM_NL__2PRFIN20050720_165646_000000912039_00126_17715_5285.N1	20-JUL-2005 16:56:46	Dark	90.500	30	46Eps Ori	1.6940	30000.	181	17715	No
111	GOM_NL__2PRFIN20050720_165900_000001002039_00126_17715_5286.N1	20-JUL-2005 16:59:00	Dark	100.00	7	19Bet Ori	0.10000	14000.	200	17715	No
112	GOM_NL__2PRFIN20050720_170123_000000872039_00126_17715_5287.N1	20-JUL-2005 17:01:23	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17715	No
113	GOM_NL__2PRFIN20050720_172047_000000862039_00127_17716_5279.N1	20-JUL-2005 17:20:47	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17716	No
114	GOM_NL__2PRFIN20050720_173636_000000912039_00127_17716_5280.N1	20-JUL-2005 17:36:36	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17716	No
115	GOM_NL__2PRFIN20050720_173902_000000892039_00127_17716_5281.N1	20-JUL-2005 17:39:02	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17716	No
116	GOM_NL__2PRFIN20050720_174749_000000842039_00127_17716_5282.N1	20-JUL-2005 17:47:49	Bright	83.500	126	60Bet Oph	2.7700	4250.0	167	17716	No
117	GOM_NL__2PRFIN20050720_175007_000000842039_00127_17716_5283.N1	20-JUL-2005 17:50:07	Bright	84.000	59	55Alp Oph	2.0800	8900.0	168	17716	No
118	GOM_NL__2PRFIN20050720_175612_000000882039_00127_17716_5284.N1	20-JUL-2005 17:56:12	Bright	87.500	133	40Zet Her	2.8070	6000.0	175	17716	No
119	GOM_NL__2PRFIN20050720_180104_000000862039_00127_17716_5285.N1	20-JUL-2005 18:01:04	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17716	No
120	GOM_NL__2PRFIN20050720_180414_000000852039_00127_17716_5286.N1	20-JUL-2005 18:04:14	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17716	No
121	GOM_NL__2PRFIN20050720_180827_000000842039_00127_17716_5287.N1	20-JUL-2005 18:08:27	Bright	83.500	60	7Bet UMi	2.0810	3950.0	167	17716	No
122	GOM_NL__2PRFIN20050720_183722_000000902039_00127_17716_5288.N1	20-JUL-2005 18:37:22	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17716	No
123	GOM_NL__2PRFIN20050720_183937_000000922039_00127_17716_5289.N1	20-JUL-2005 18:39:37	Dark	91.500	7	19Bet Ori	0.10000	14000.	183	17716	No
124	GOM_NL__2PRFIN20050720_184159_000000852039_00127_17716_5290.N1	20-JUL-2005 18:41:59	Dark	85.000	101	11Alp Lep	2.5820	7000.0	170	17716	No
125	GOM_NL__2PRFIN20050720_190124_000000862039_00128_17717_5279.N1	20-JUL-2005 19:01:24	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17717	No
126	GOM_NL__2PRFIN20050720_191712_000000922039_00128_17717_5280.N1	20-JUL-2005 19:17:12	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17717	No
127	GOM_NL__2PRFIN20050720_191938_000000892039_00128_17717_5281.N1	20-JUL-2005 19:19:38	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17717	No
128	GOM_NL__2PRFIN20050720_192825_000000842039_00128_17717_5282.N1	20-JUL-2005 19:28:25	Bright	84.000	126	60Bet Oph	2.7700	4250.0	168	17717	No
129	GOM_NL__2PRFIN20050720_193043_000000842039_00128_17717_5283.N1	20-JUL-2005 19:30:43	Bright	84.000	59	55Alp Oph	2.0800	8900.0	168	17717	No
130	GOM_NL__2PRFIN20050720_194140_000000872039_00128_17717_5284.N1	20-JUL-2005 19:41:40	Bright	86.500	130	23Bet Dra	2.7990	5800.0	173	17717	No
131	GOM_NL__2PRFIN20050720_194450_000000872039_00128_17717_5285.N1	20-JUL-2005 19:44:50	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17717	No
132	GOM_NL__2PRFIN20050720_194903_000000832039_00128_17717_5286.N1	20-JUL-2005 19:49:03	Bright	83.000	60	7Bet UMi	2.0810	3950.0	166	17717	No
133	GOM_NL__2PRFIN20050720_201758_000000882039_00128_17717_5287.N1	20-JUL-2005 20:17:58	Dark	88.000	30	46Eps Ori	1.6940	30000.	176	17717	No
134	GOM_NL__2PRFIN20050720_202013_000000872039_00128_17717_5288.N1	20-JUL-2005 20:20:13	Dark	86.500	7	19Bet Ori	0.10000	14000.	173	17717	No
135	GOM_NL__2PRFIN20050720_202235_000000852039_00128_17717_5289.N1	20-JUL-2005 20:22:35	Dark	85.000	101	11Alp Lep	2.5820	7000.0	170	17717	No
136	GOM_NL__2PRFIN20050720_204200_000000862039_00129_17718_5280.N1	20-JUL-2005 20:42:00	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17718	No
137	GOM_NL__2PRFIN20050720_205748_000000922039_00129_17718_5281.N1	20-JUL-2005 20:57:48	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17718	No
138	GOM_NL__2PRFIN20050720_210014_000000882039_00129_17718_5282.N1	20-JUL-2005 21:00:14	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17718	No
139	GOM_NL__2PRFIN20050720_210901_000000852039_00129_17718_5283.N1	20-JUL-2005 21:09:01	Bright	85.000	126	60Bet Oph	2.7700	4250.0	170	17718	No
140	GOM_NL__2PRFIN20050720_211119_000000862039_00129_17718_5284.N1	20-JUL-2005 21:11:19	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17718	No
141	GOM_NL__2PRFIN20050720_212216_000000862039_00129_17718_5285.N1	20-JUL-2005 21:22:16	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17718	No
142	GOM_NL__2PRFIN20050720_212526_000000852039_00129_17718_5286.N1	20-JUL-2005 21:25:26	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17718	No
143	GOM_NL__2PRFIN20050720_212939_000000852039_00129_17718_5287.N1	20-JUL-2005 21:29:39	Bright	85.000	60	7Bet UMi	2.0810	3950.0	170	17718	No
144	GOM_NL__2PRFIN20050720_215835_000000882039_00129_17718_5288.N1	20-JUL-2005 21:58:35	Dark	87.500	30	46Eps Ori	1.6940	30000.	175	17718	No
145	GOM_NL__2PRFIN20050720_220049_000000892039_00129_17718_5289.N1	20-JUL-2005 22:00:49	Dark	89.000	7	19Bet Ori	0.10000	14000.	178	17718	No
146	GOM_NL__2PRFIN20050720_220311_000000872039_00129_17718_5290.N1	20-JUL-2005 22:03:11	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17718	No
147	GOM_NL__2PRFIN20050720_222236_000000862039_00130_17719_5291.N1	20-JUL-2005 22:22:36	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17719	No
148	GOM_NL__2PRFIN20050720_223824_000000912039_00130_17719_5292.N1	20-JUL-2005 22:38:24	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17719	No
149	GOM_NL__2PRFIN20050720_224050_000000892039_00130_17719_5293.N1	20-JUL-2005 22:40:50	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17719	No
150	GOM_NL__2PRFIN20050720_224937_000000862039_00130_17719_5294.N1	20-JUL-2005 22:49:37	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17719	No
151	GOM_NL__2PRFIN20050720_225155_000000872039_00130_17719_5295.N1	20-JUL-2005 22:51:55	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17719	No
152	GOM_NL__2PRFIN20050720_230252_000000862039_00130_17719_5296.N1	20-JUL-2005 23:02:52	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17719	No
153	GOM_NL__2PRFIN20050720_230602_000000862039_00130_17719_5297.N1	20-JUL-2005 23:06:02	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	17719	No
154	GOM_NL__2PRFIN20050720_231015_000000862039_00130_17719_5298.N1	20-JUL-2005 23:10:15	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17719	No
155	GOM_NL__2PRFIN20050720_233911_000000882039_00130_17719_5299.N1	20-JUL-2005 23:39:11	Dark	88.000	30	46Eps Ori	1.6940	30000.	176	17719	No
156	GOM_NL__2PRFIN20050720_234125_000000982039_00130_17719_5300.N1	20-JUL-2005 23:41:25	Dark	98.000	7	19Bet Ori	0.10000	14000.	196	17719	No
157	GOM_NL__2PRFIN20050720_234347_000000852039_00130_17719_5301.N1	20-JUL-2005 23:43:47	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17719	No

3. Quality information per product

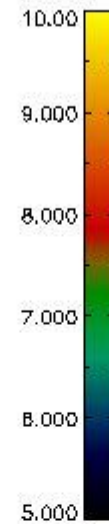
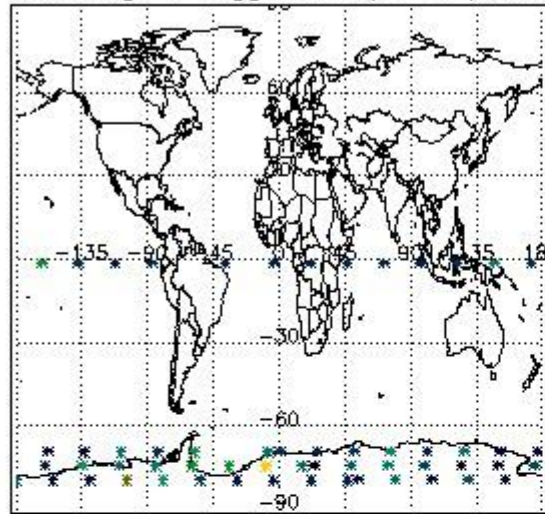
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

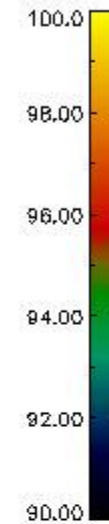
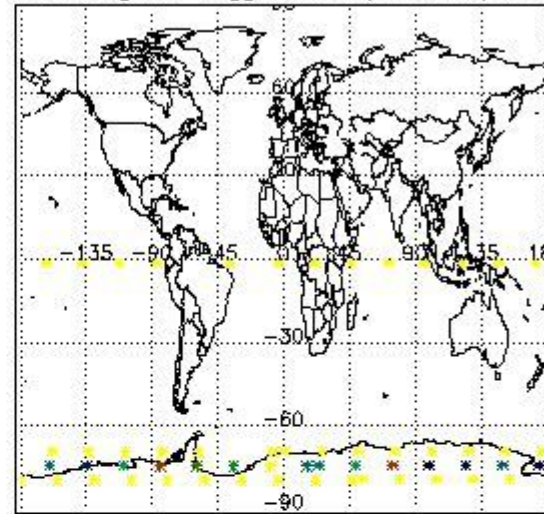


3.2 Plot quality information per product (world map)

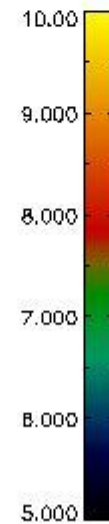
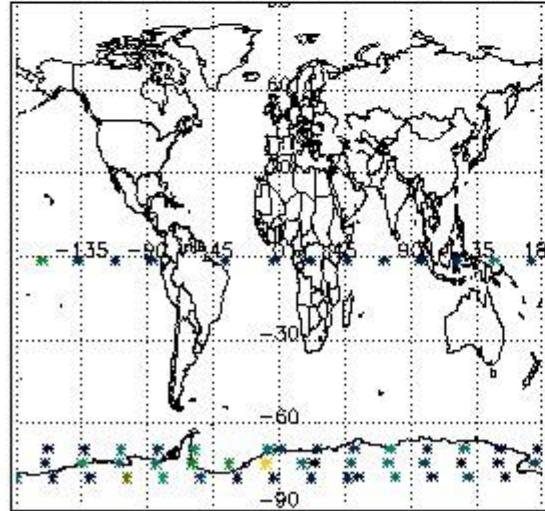
Percentage of flagged data per O3 profile



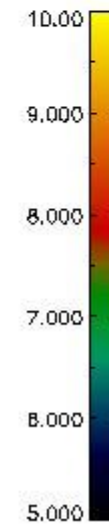
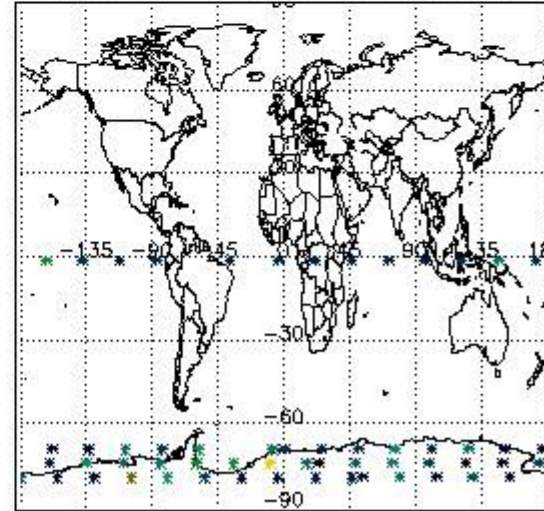
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

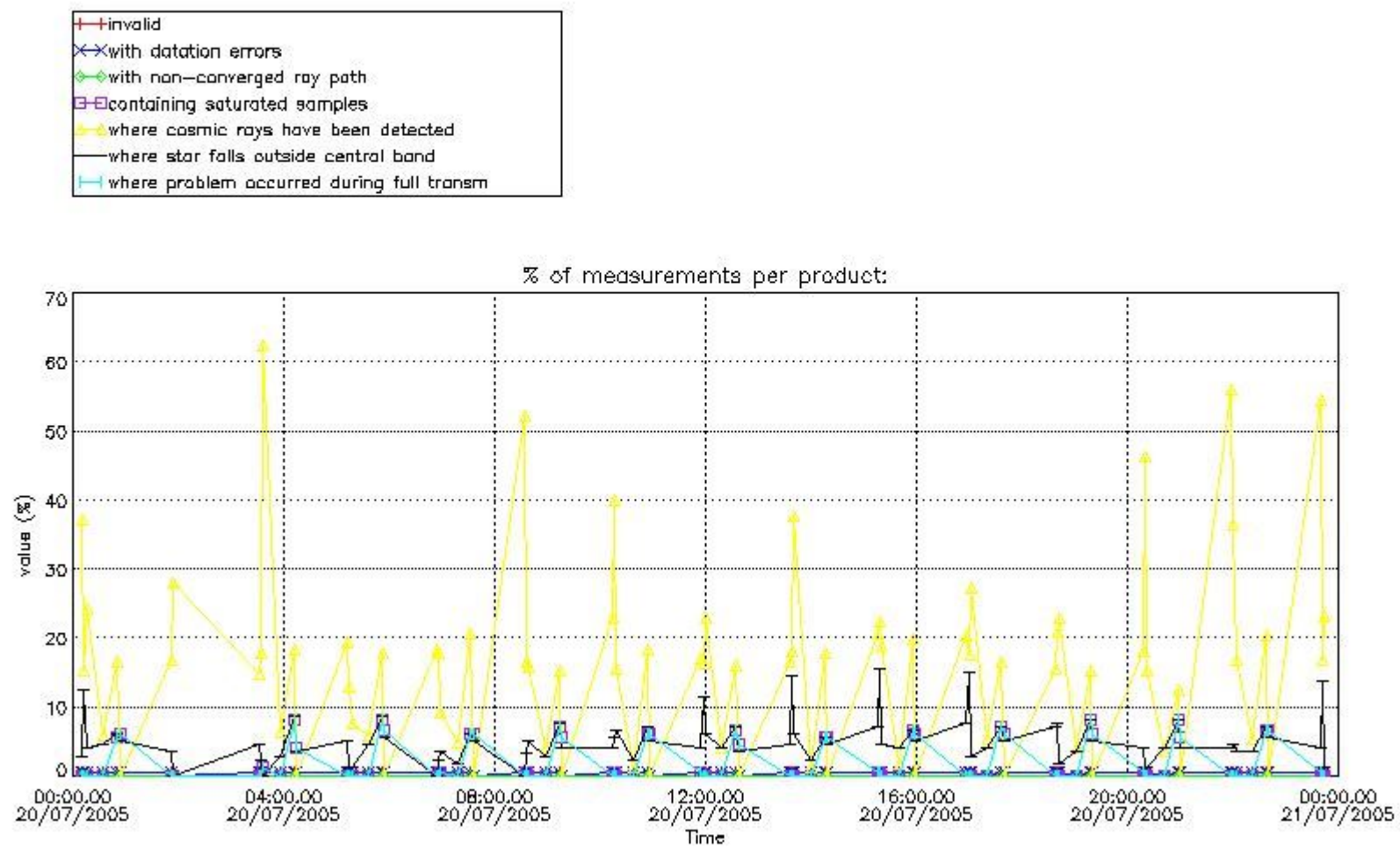


4. Level 1 quality information per product

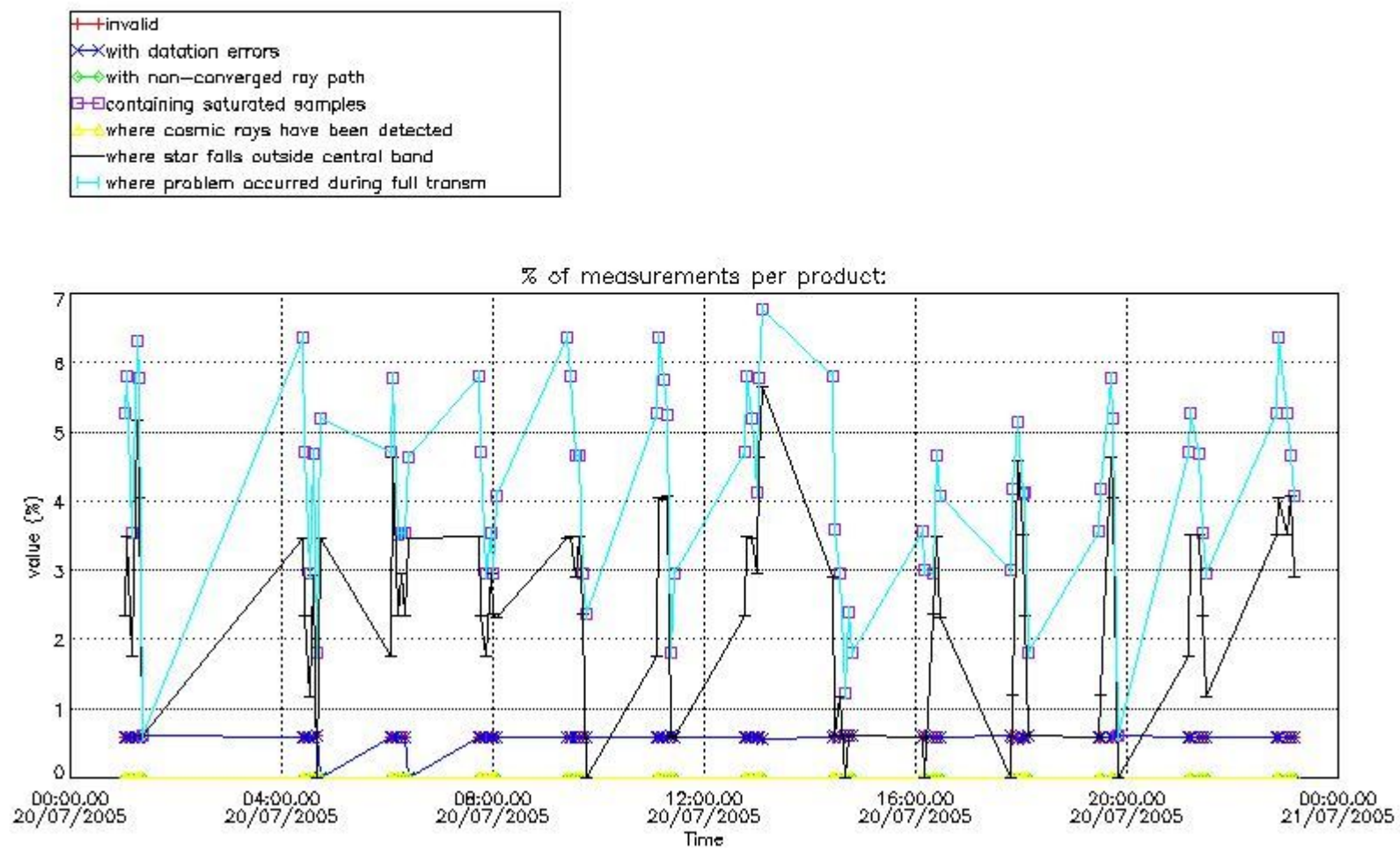
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

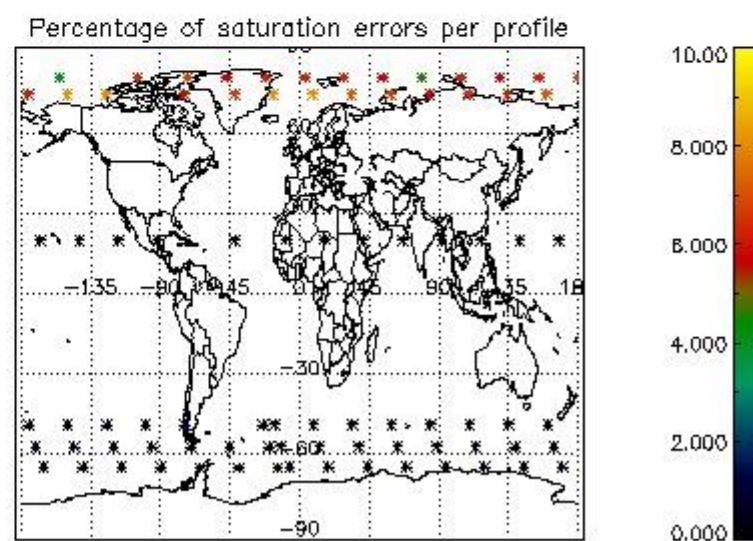
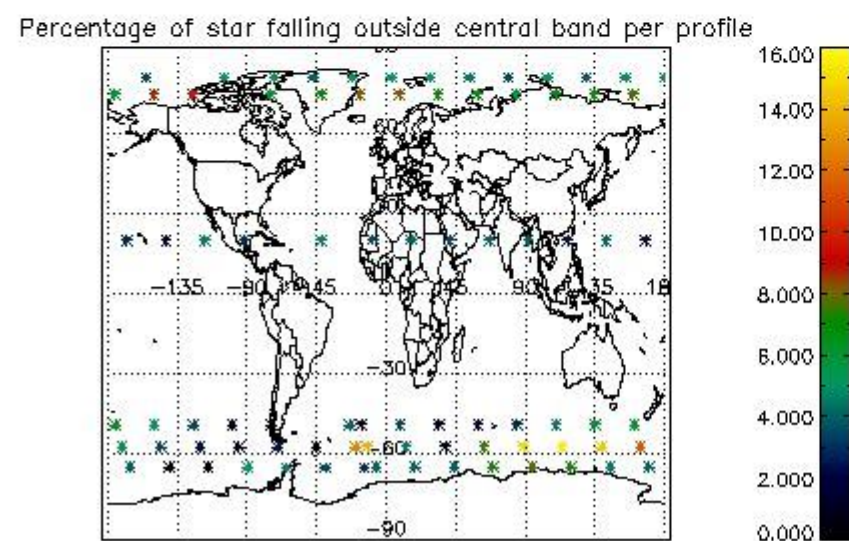
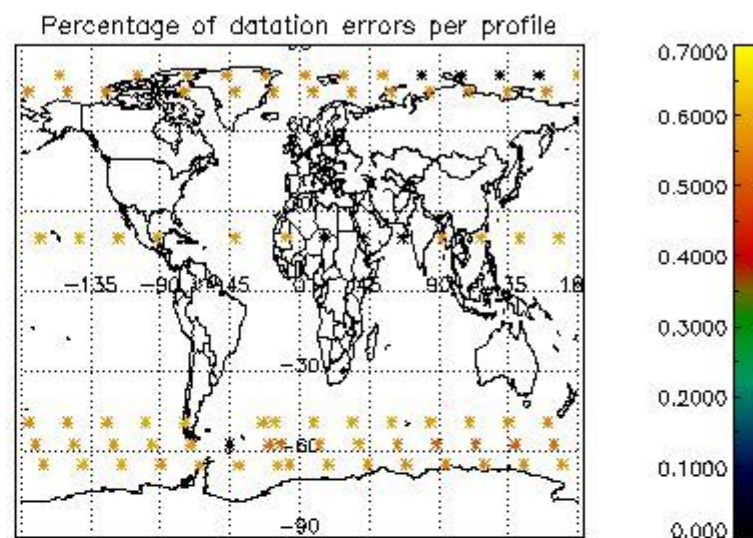
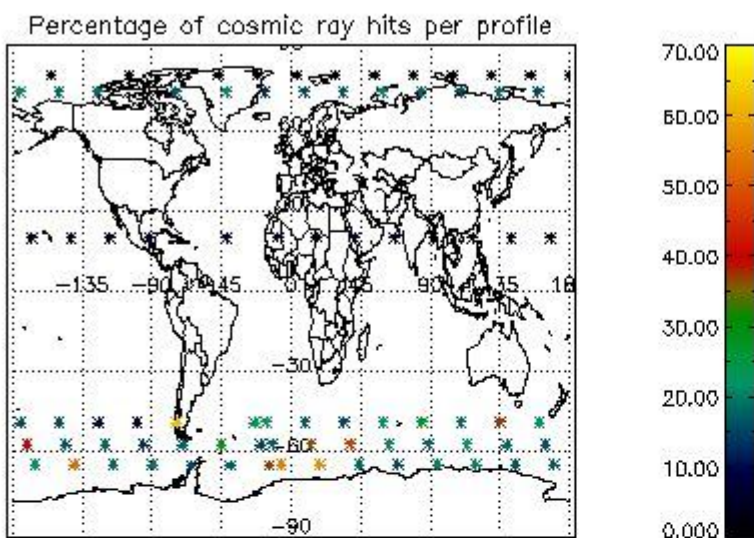


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

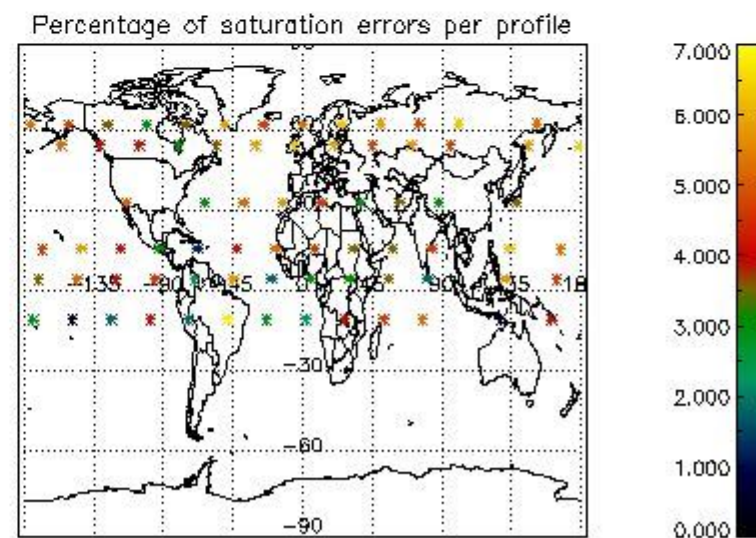
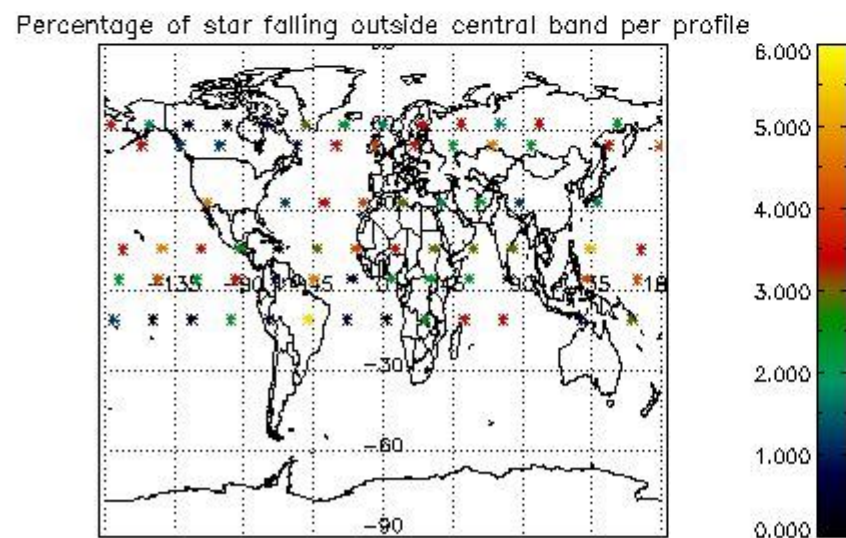
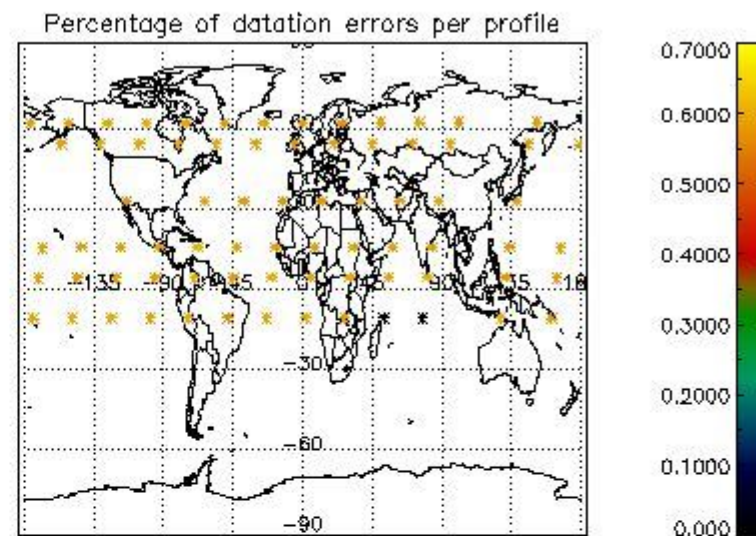
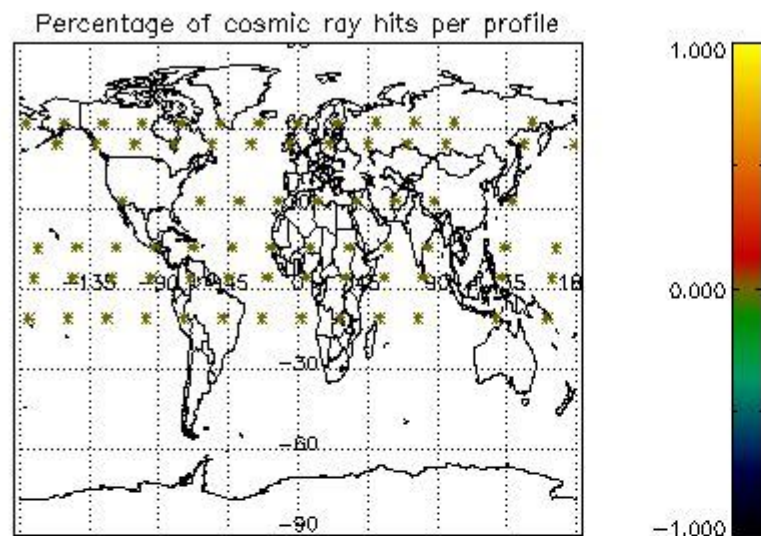


4.2 Plot quality information per product coming from level 1b processing (world map)

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

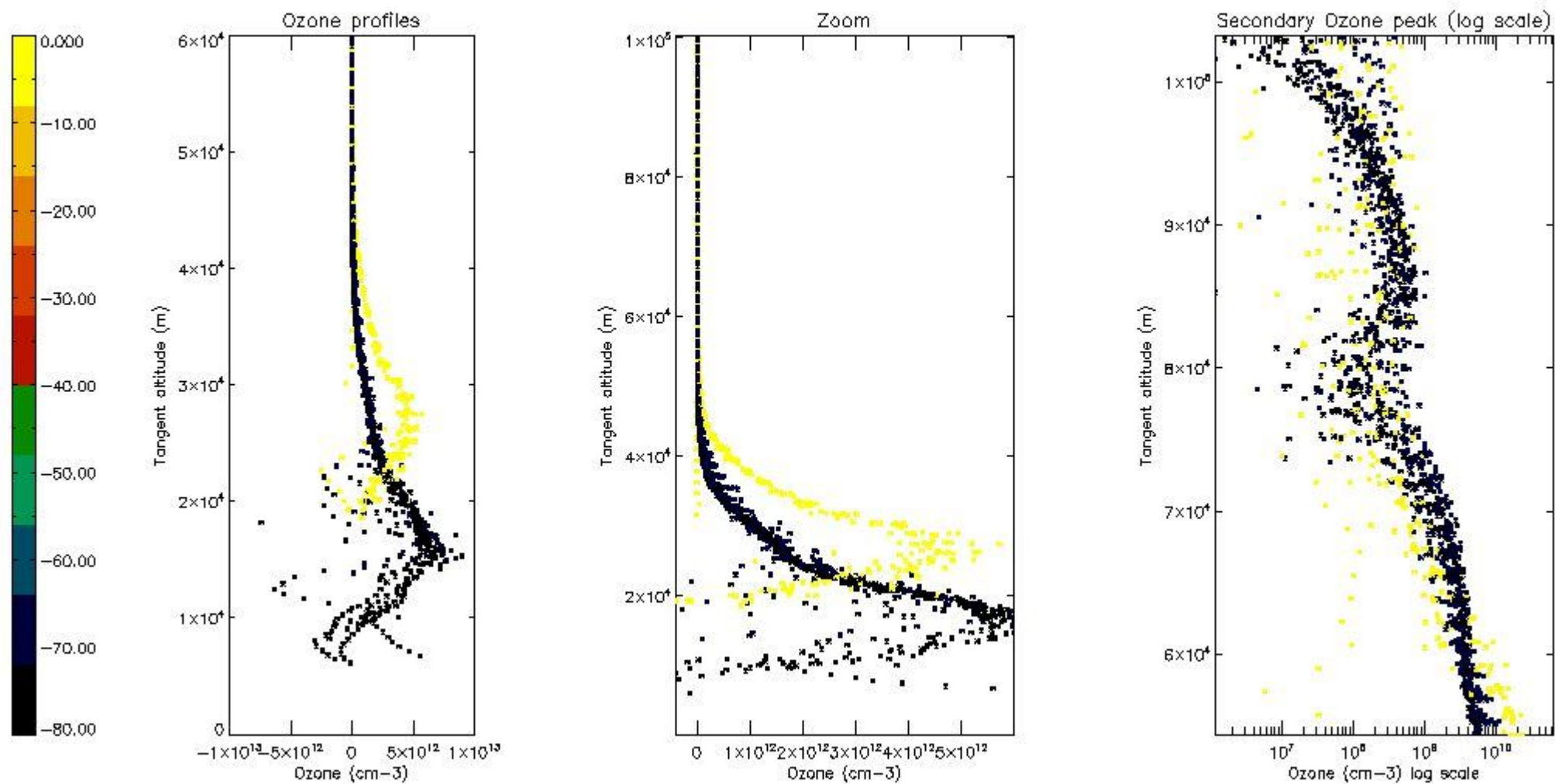
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	9

STD < 10	7
STD < 5	5

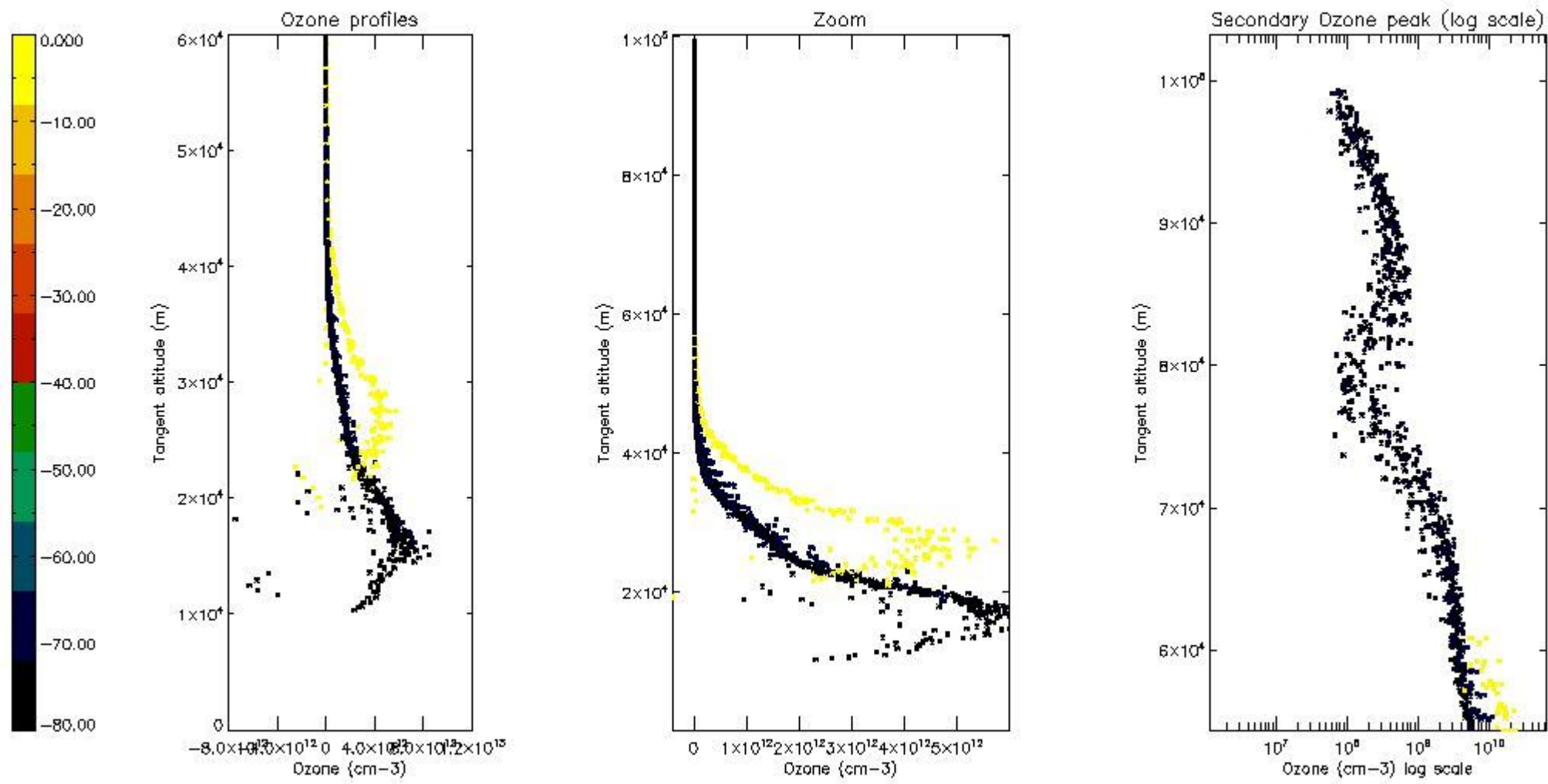
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



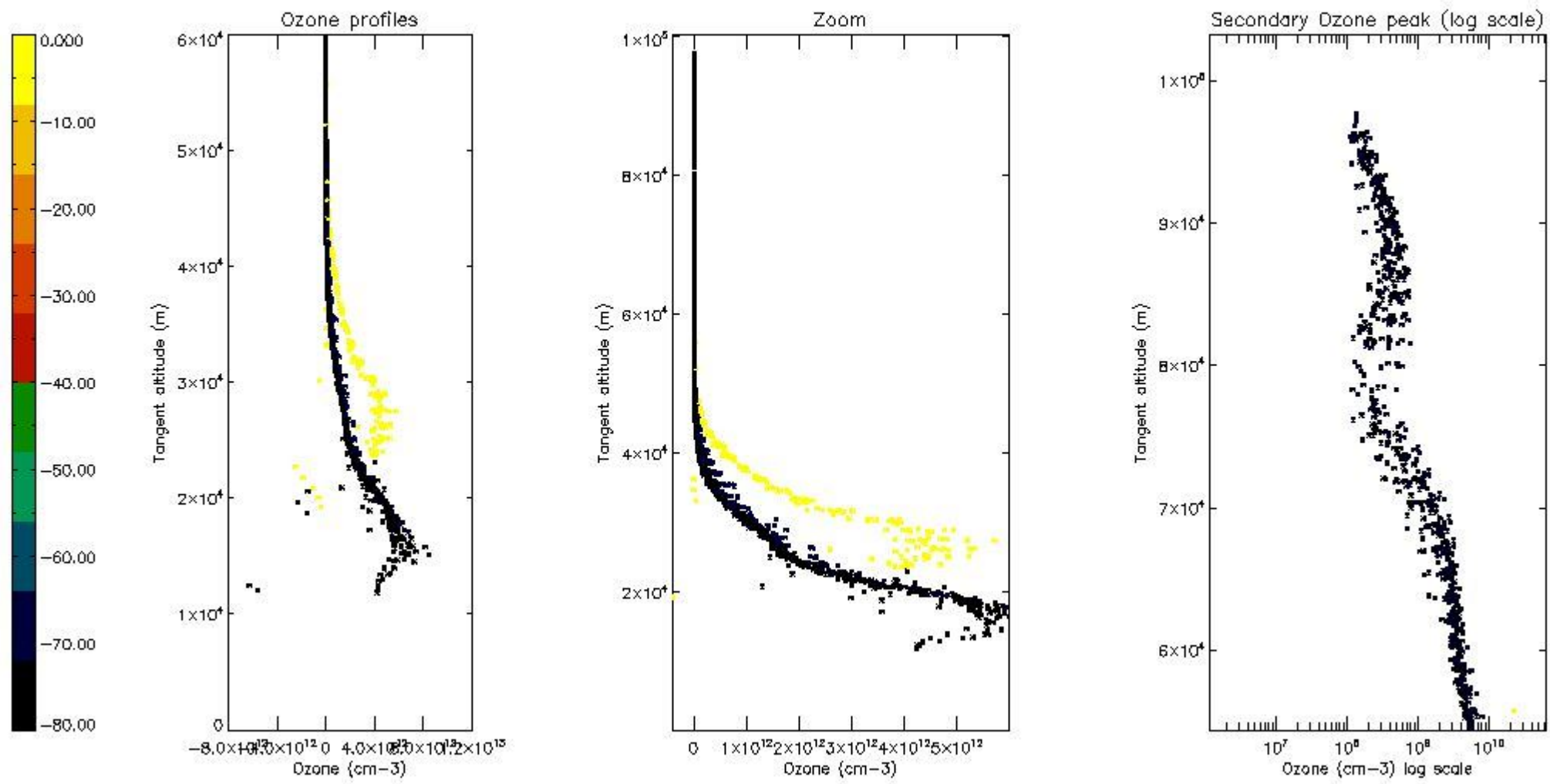
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



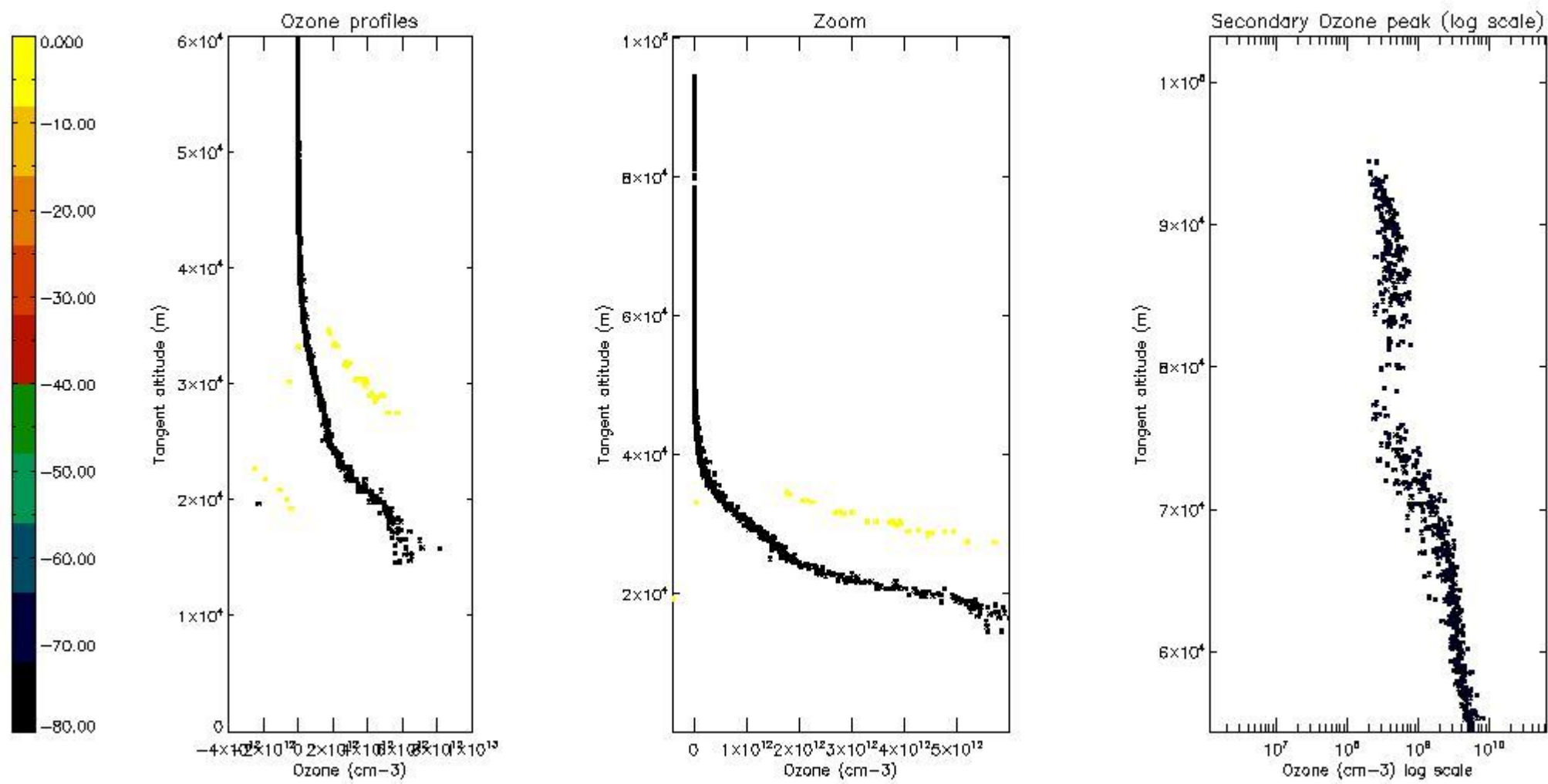
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



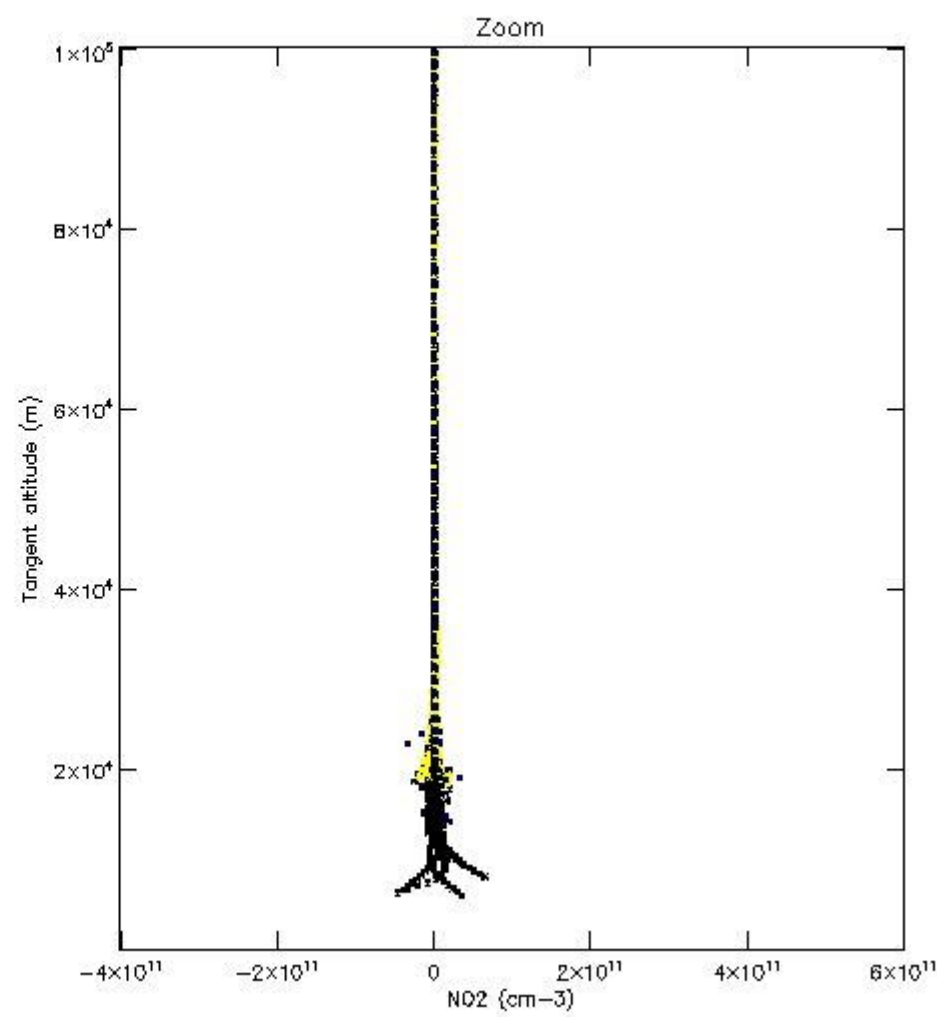
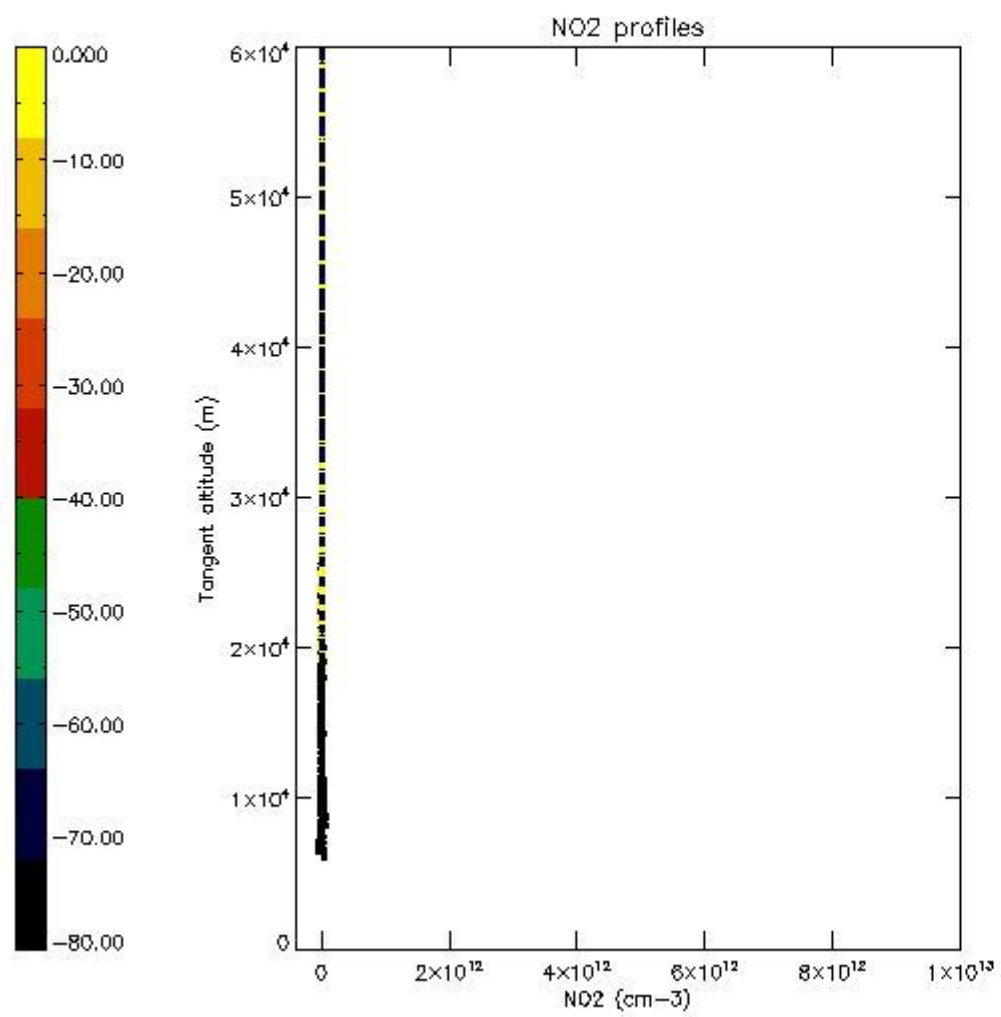
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



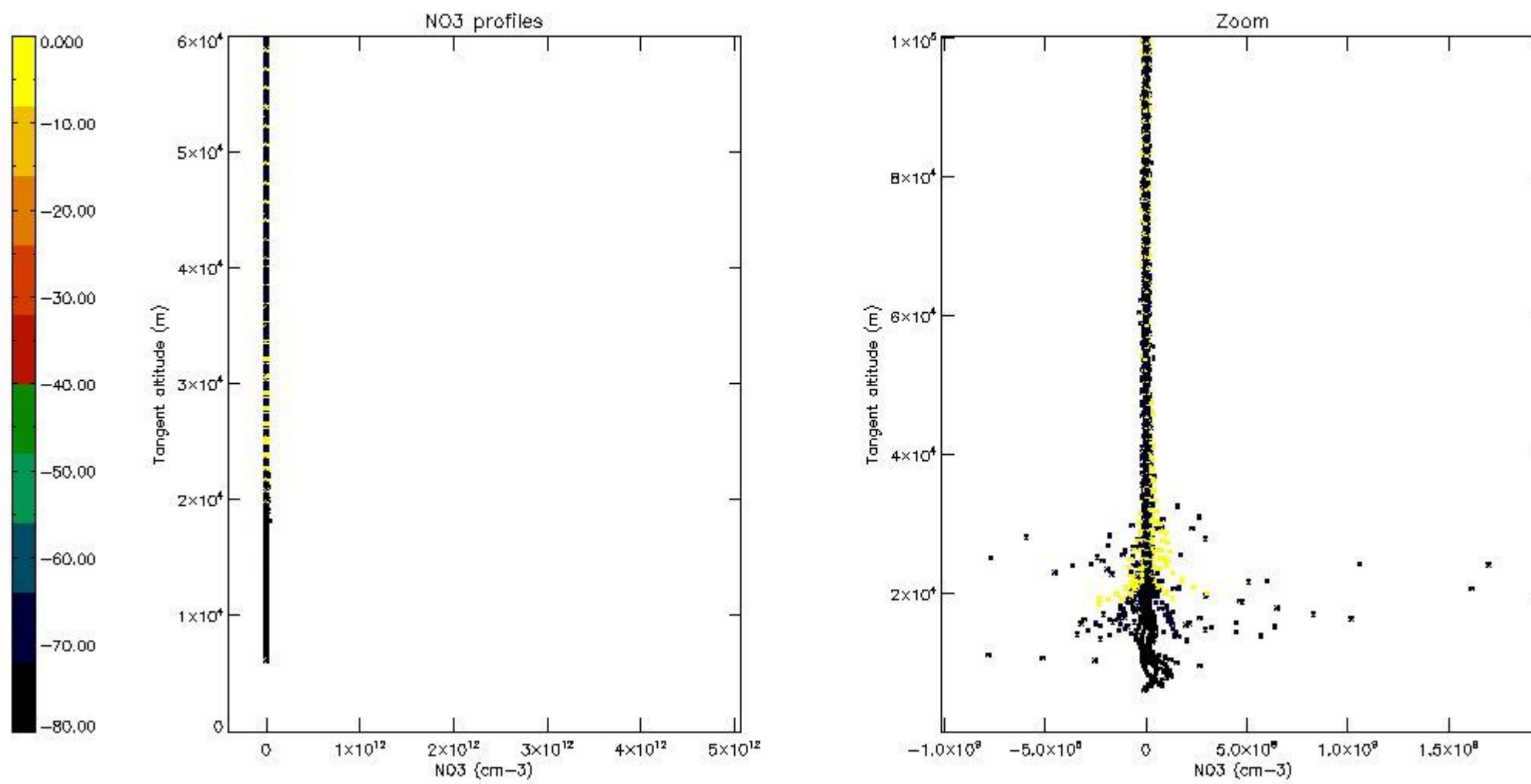
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

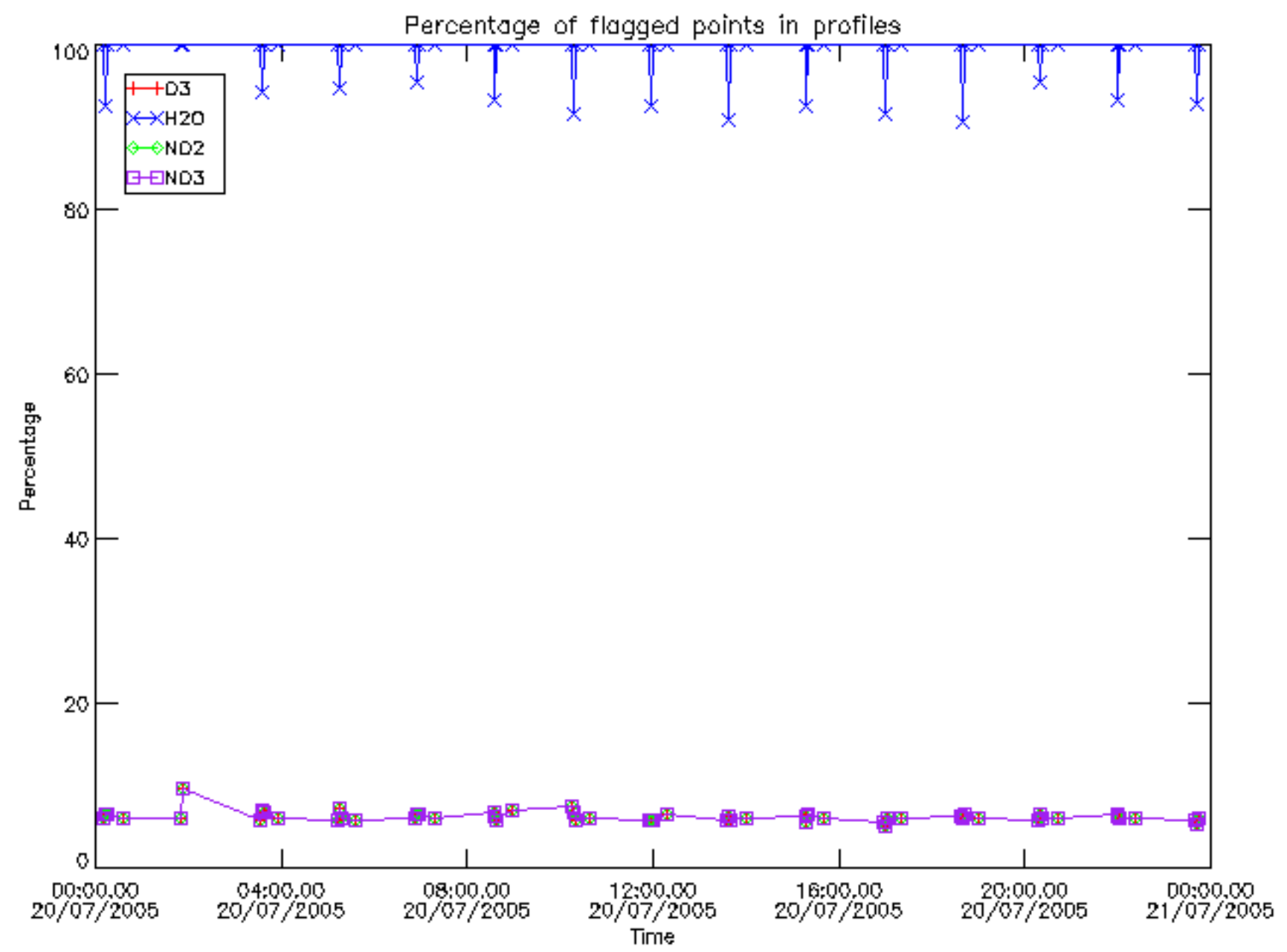
The colorbar represents the latitude.



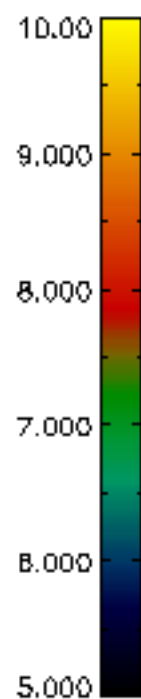
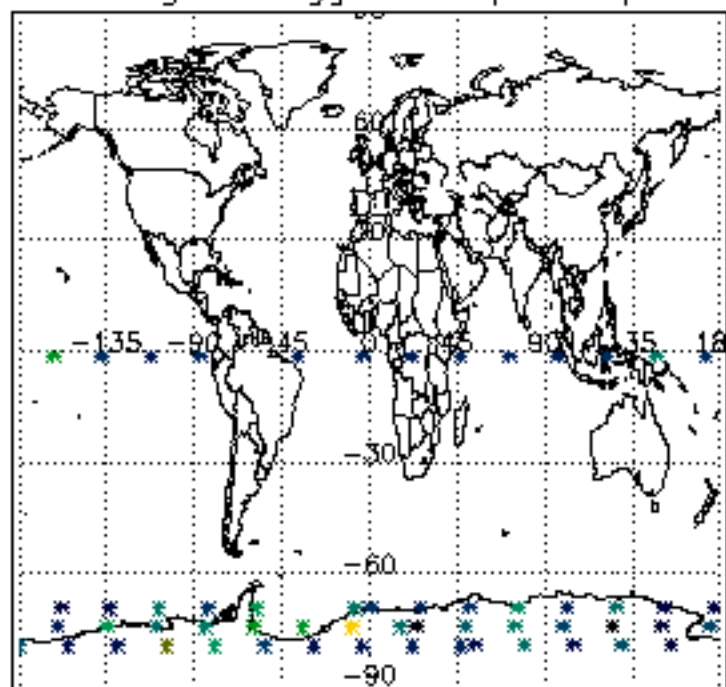
6. Auxiliary Data Files used for the production reported in section 2

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.

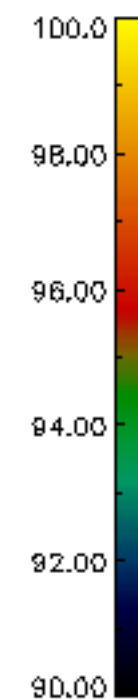
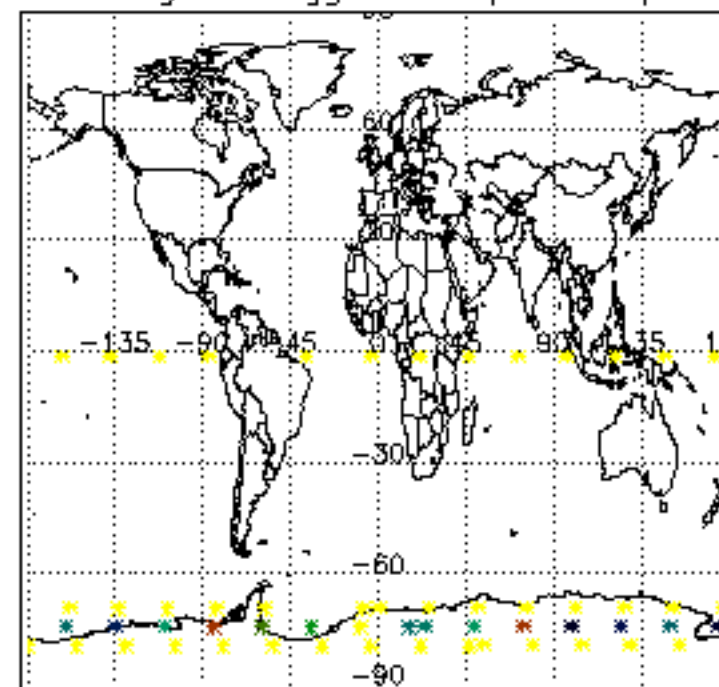
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-JUL-2005 00:10:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-JUL-2005 00:10:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-JUL-2005 00:10:45



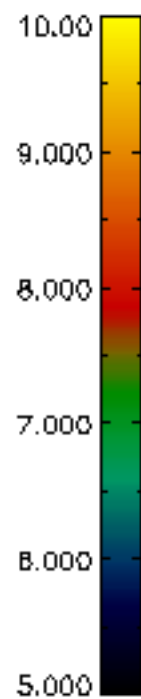
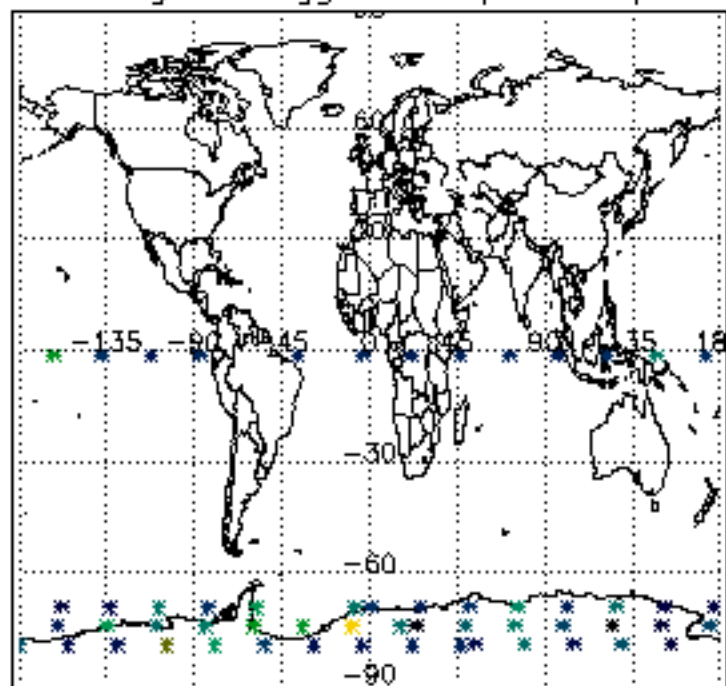
Percentage of flagged data per D3 profile



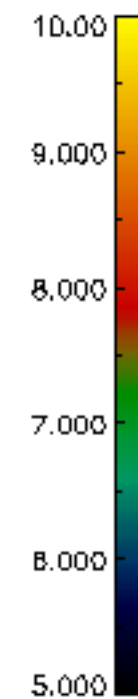
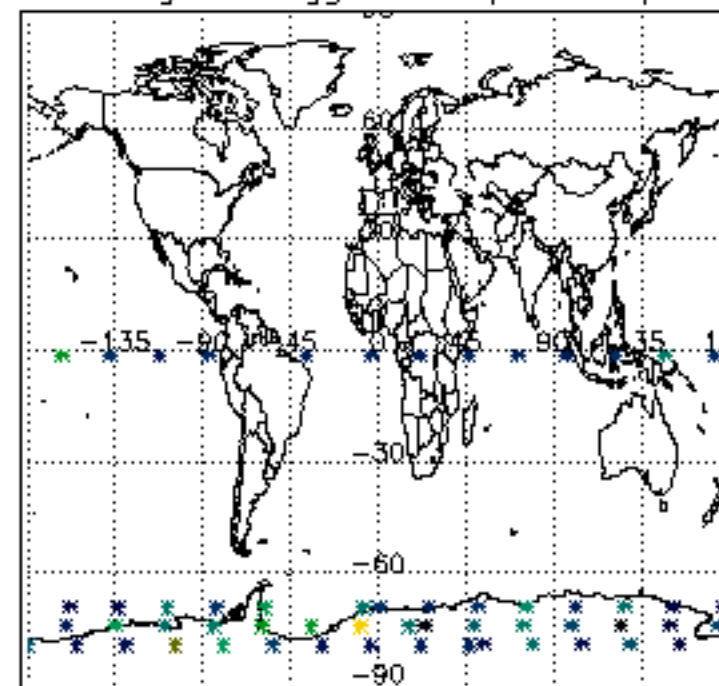
Percentage of flagged data per H2O profile

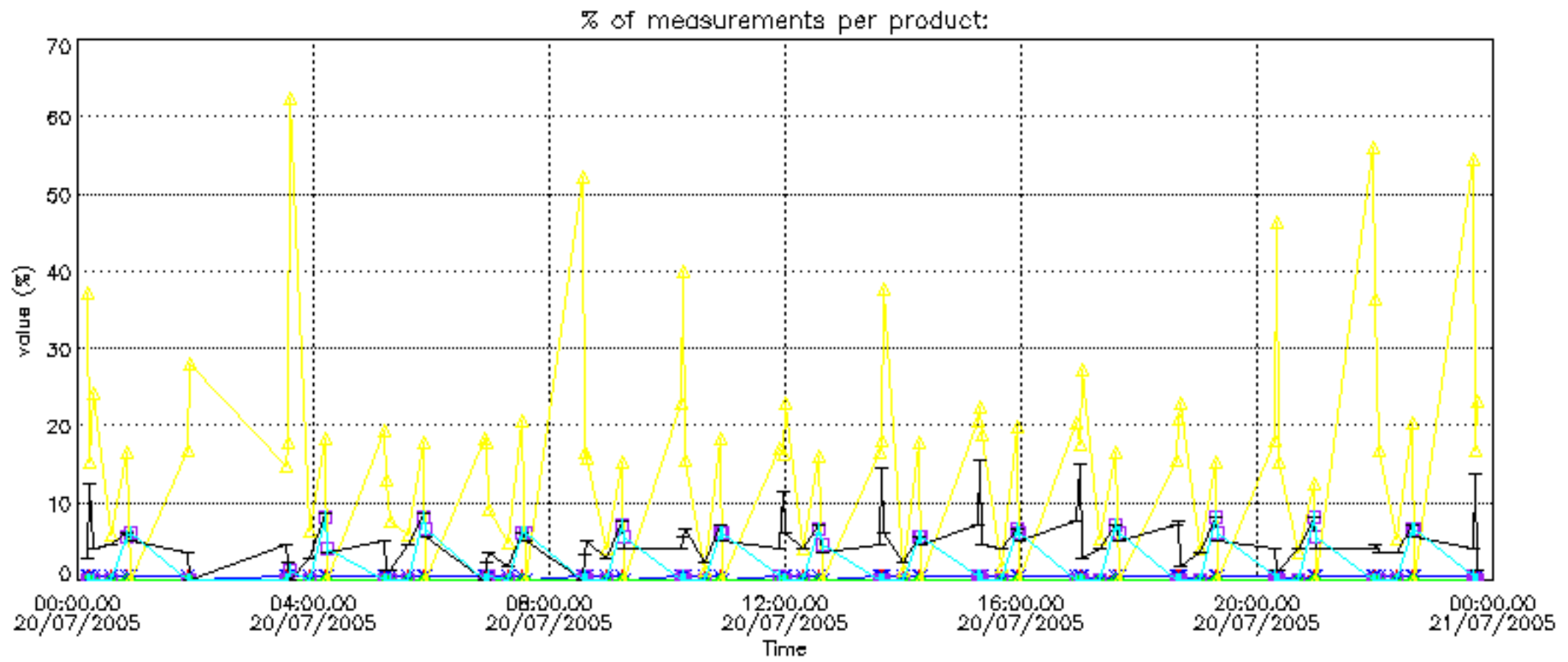


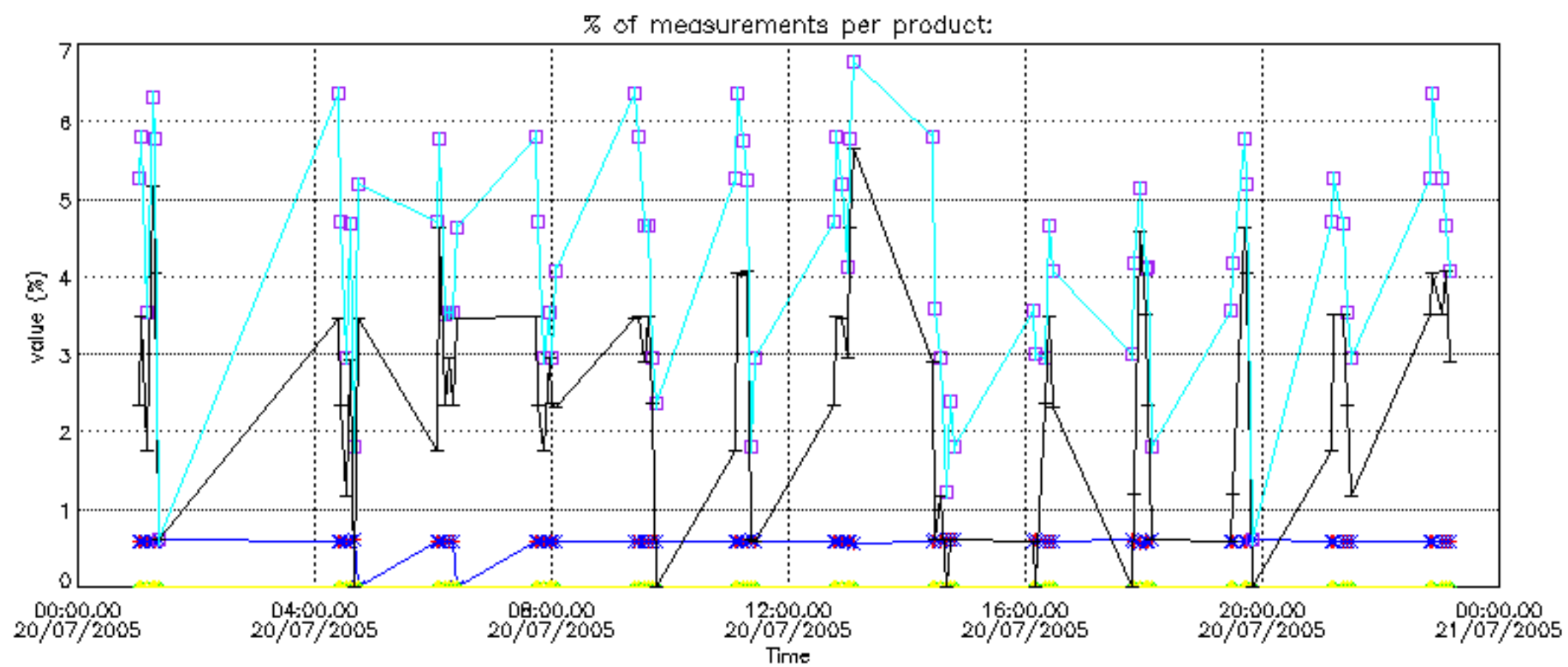
Percentage of flagged data per NO2 profile



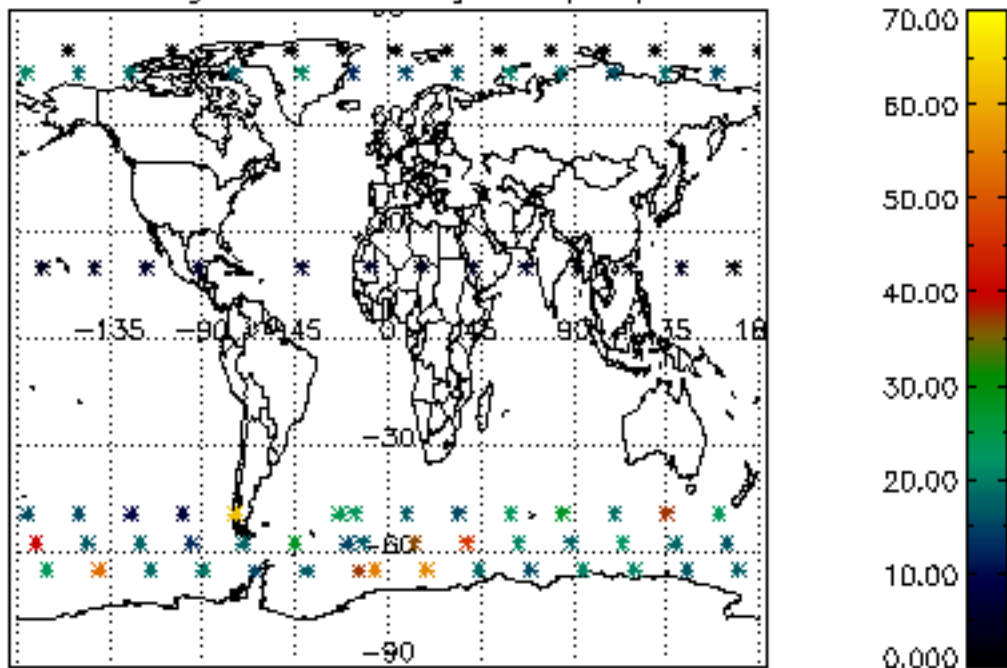
Percentage of flagged data per NO3 profile



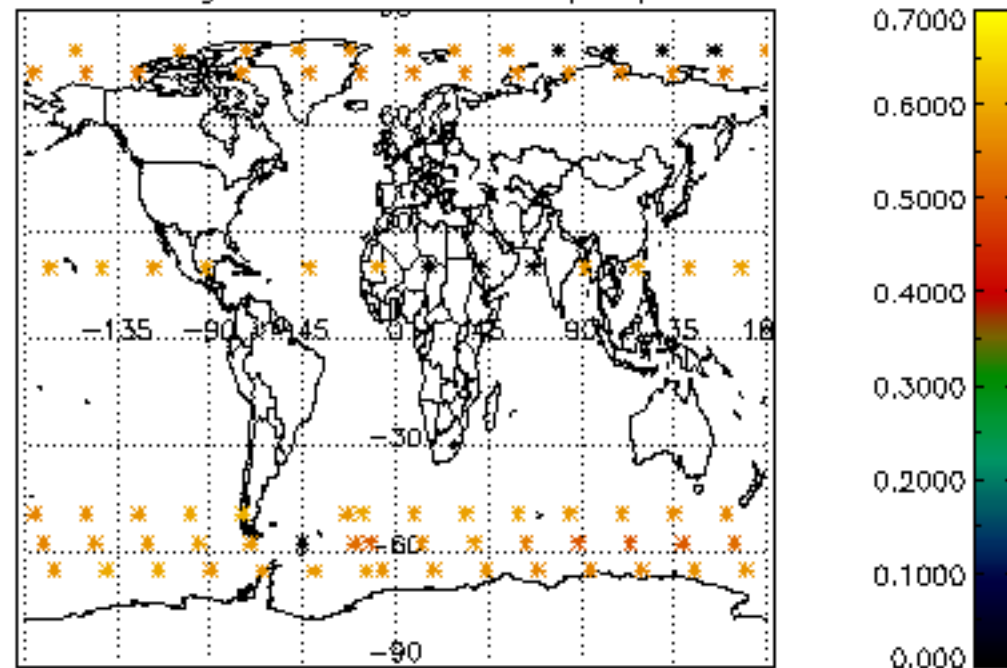




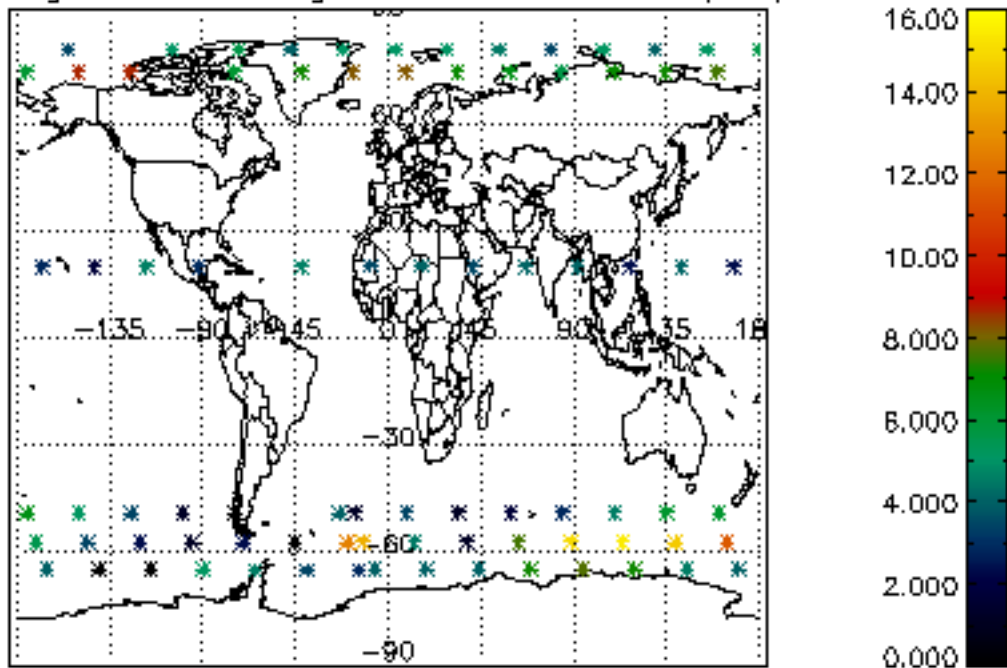
Percentage of cosmic ray hits per profile



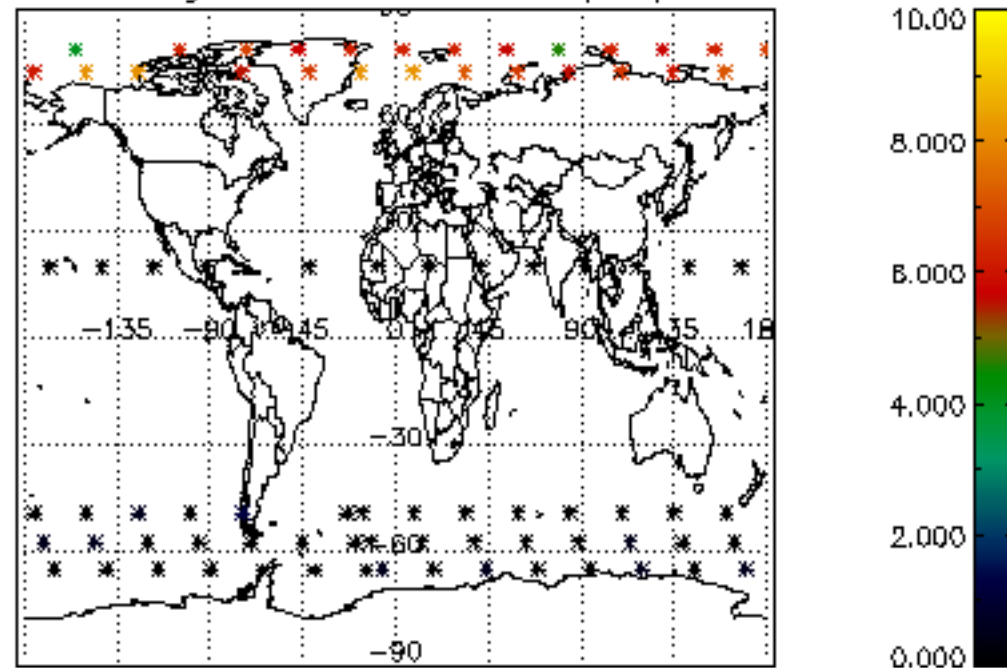
Percentage of datation errors per profile



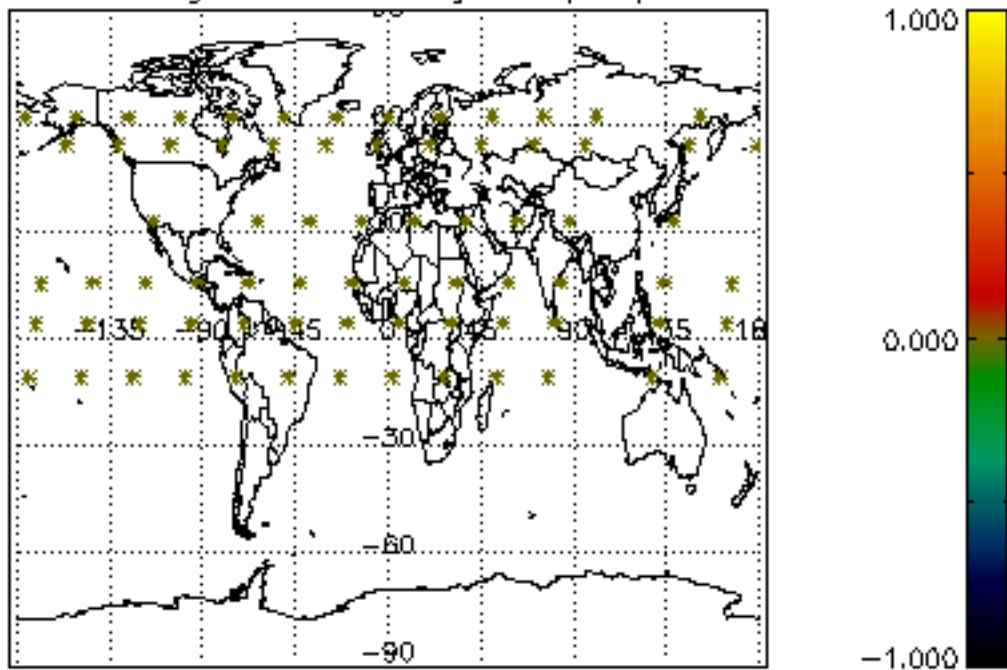
Percentage of star falling outside central band per profile



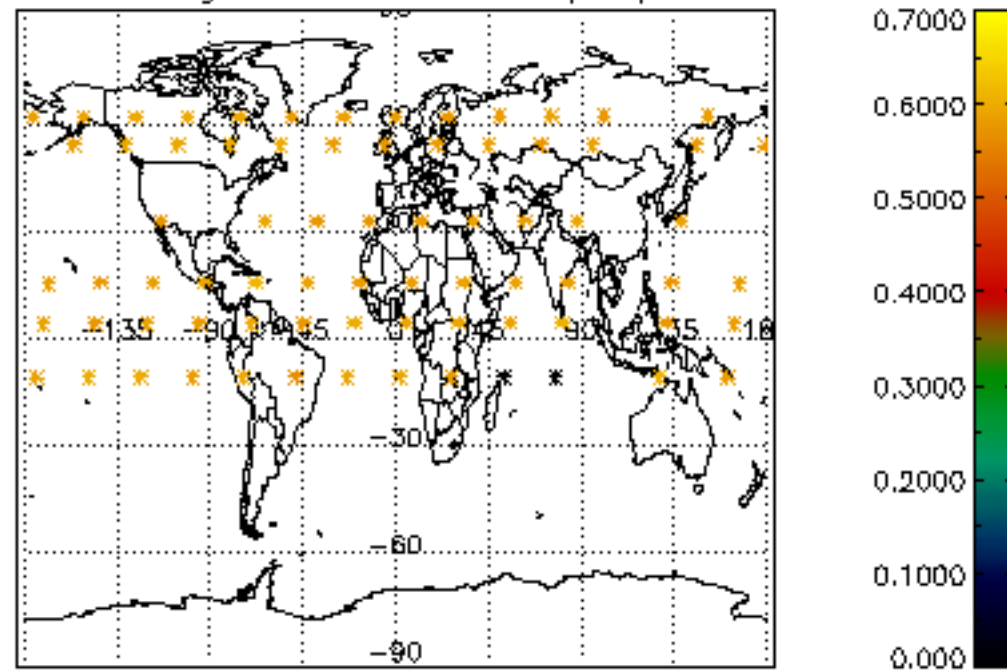
Percentage of saturation errors per profile



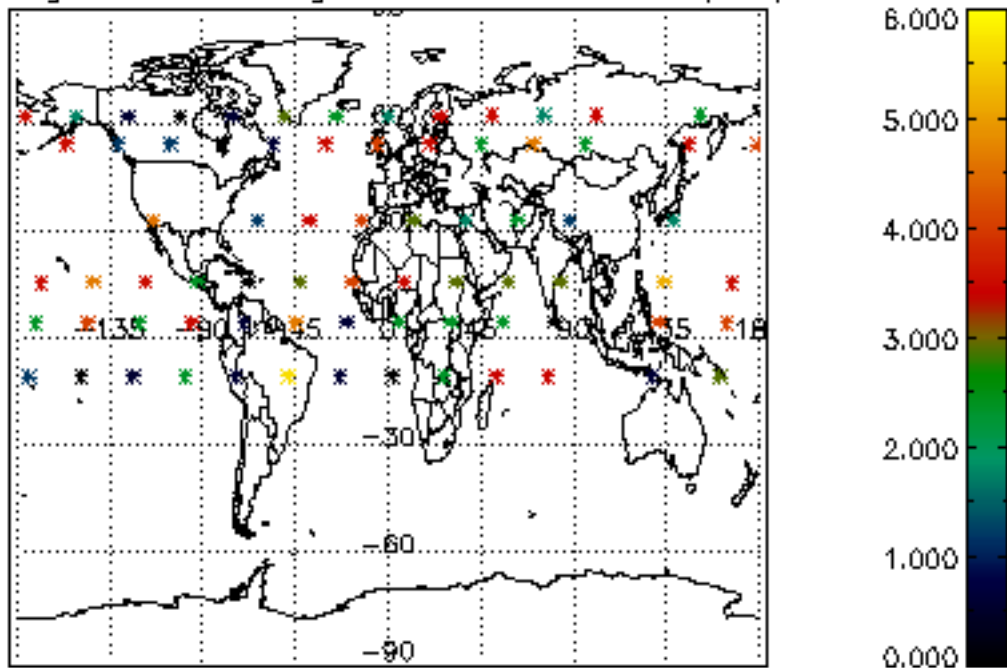
Percentage of cosmic ray hits per profile



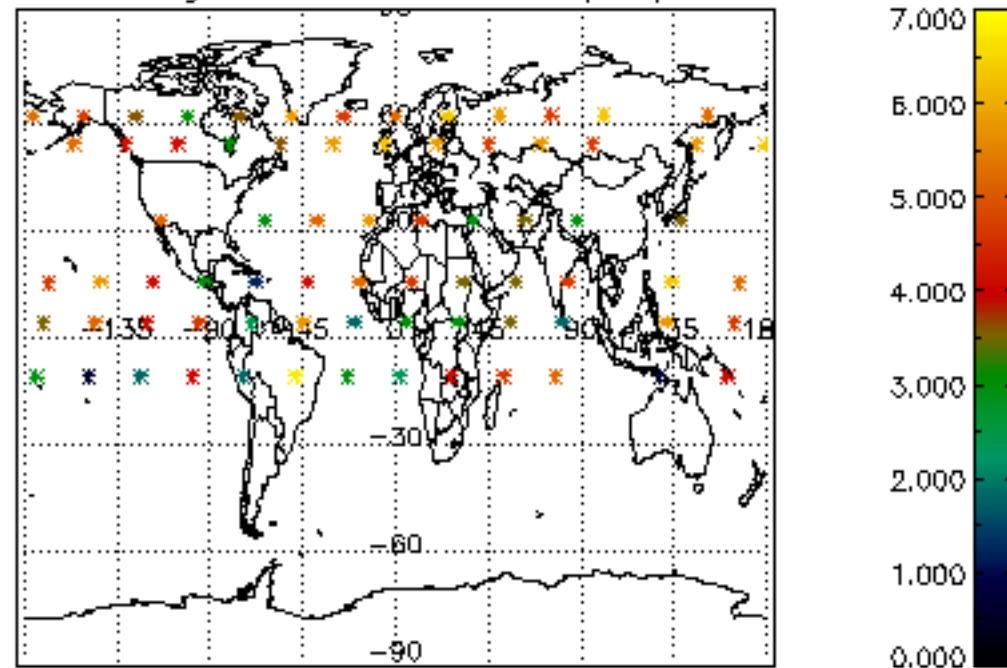
Percentage of datation errors per profile

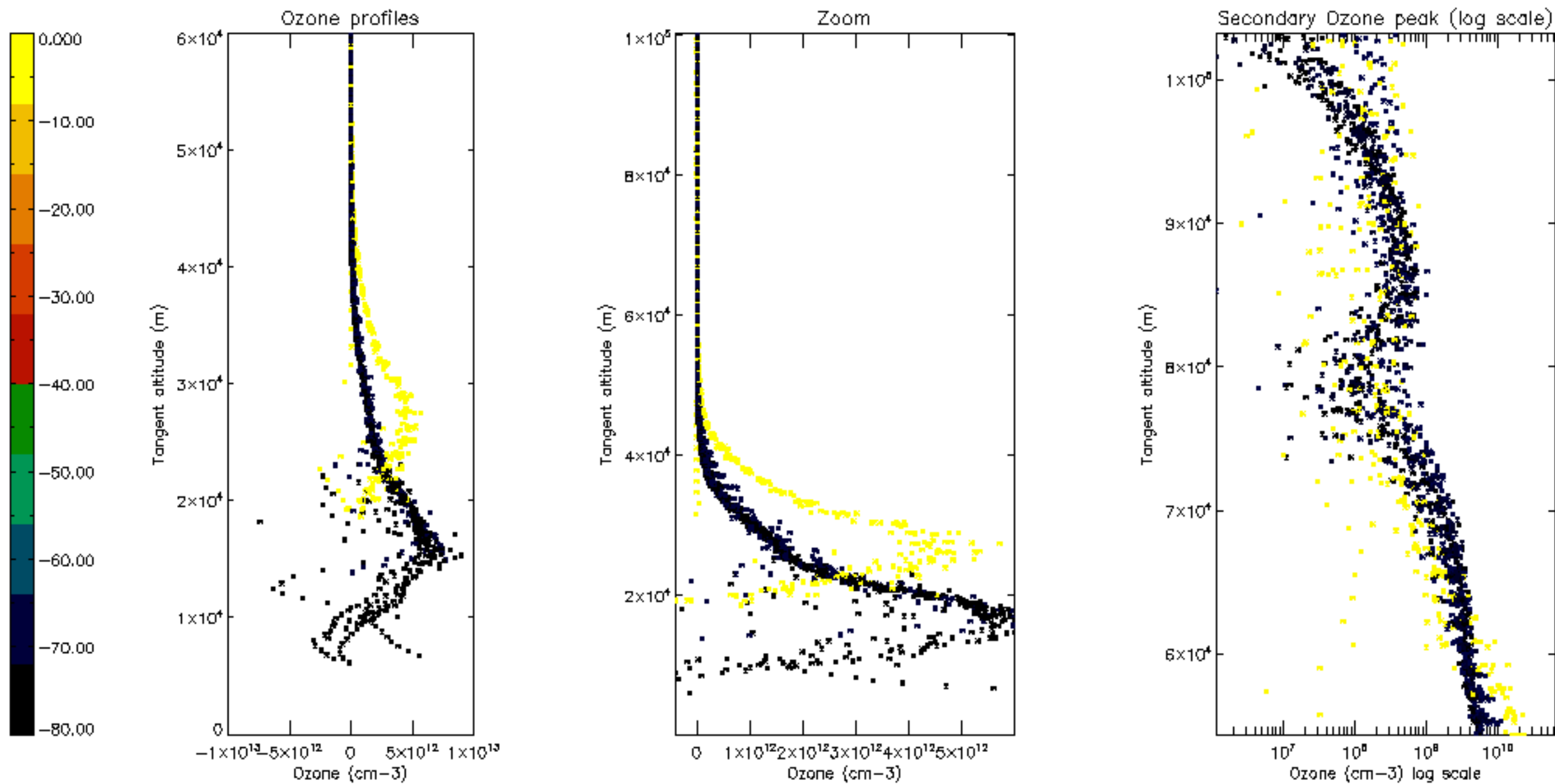


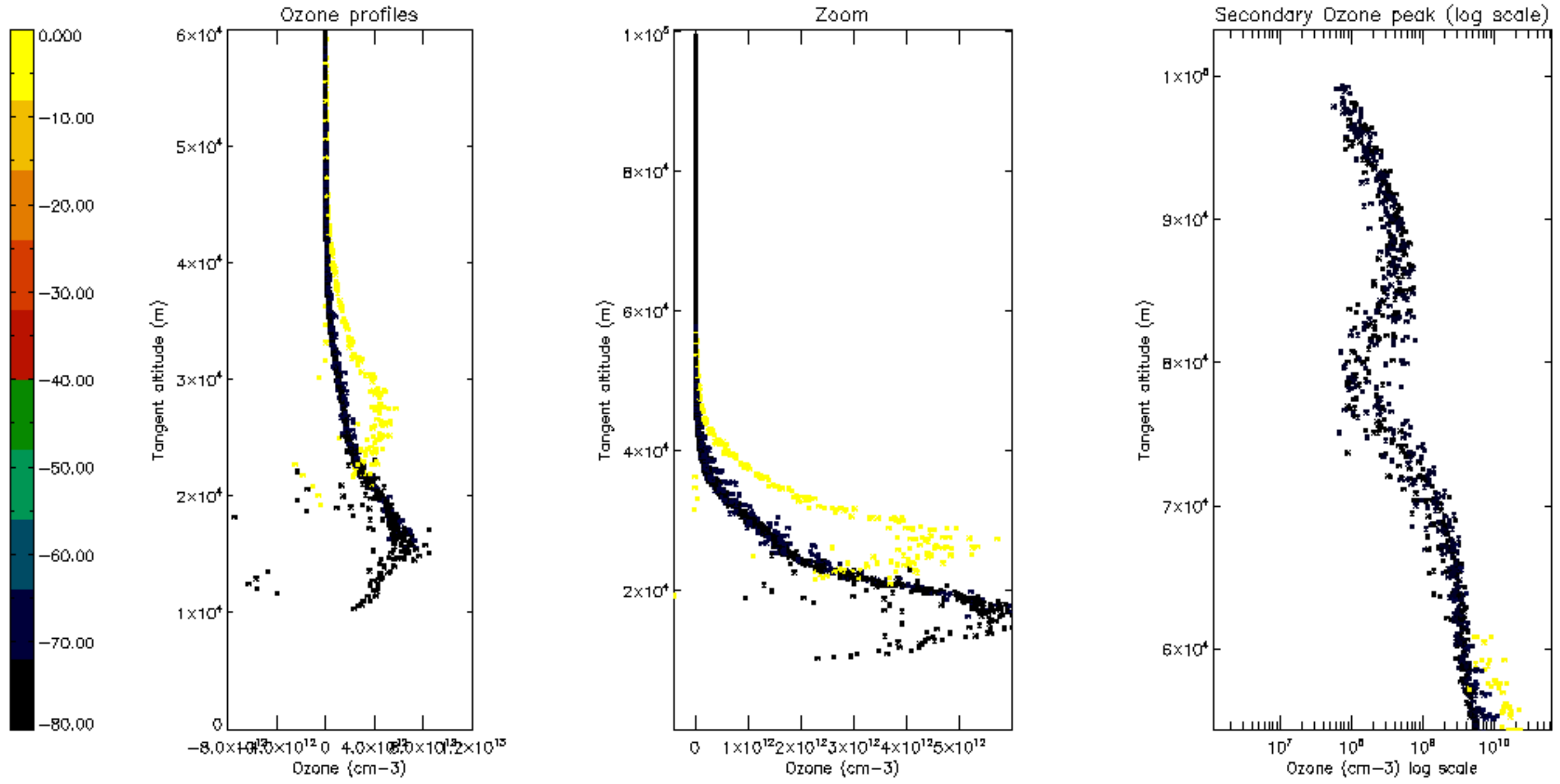
Percentage of star falling outside central band per profile

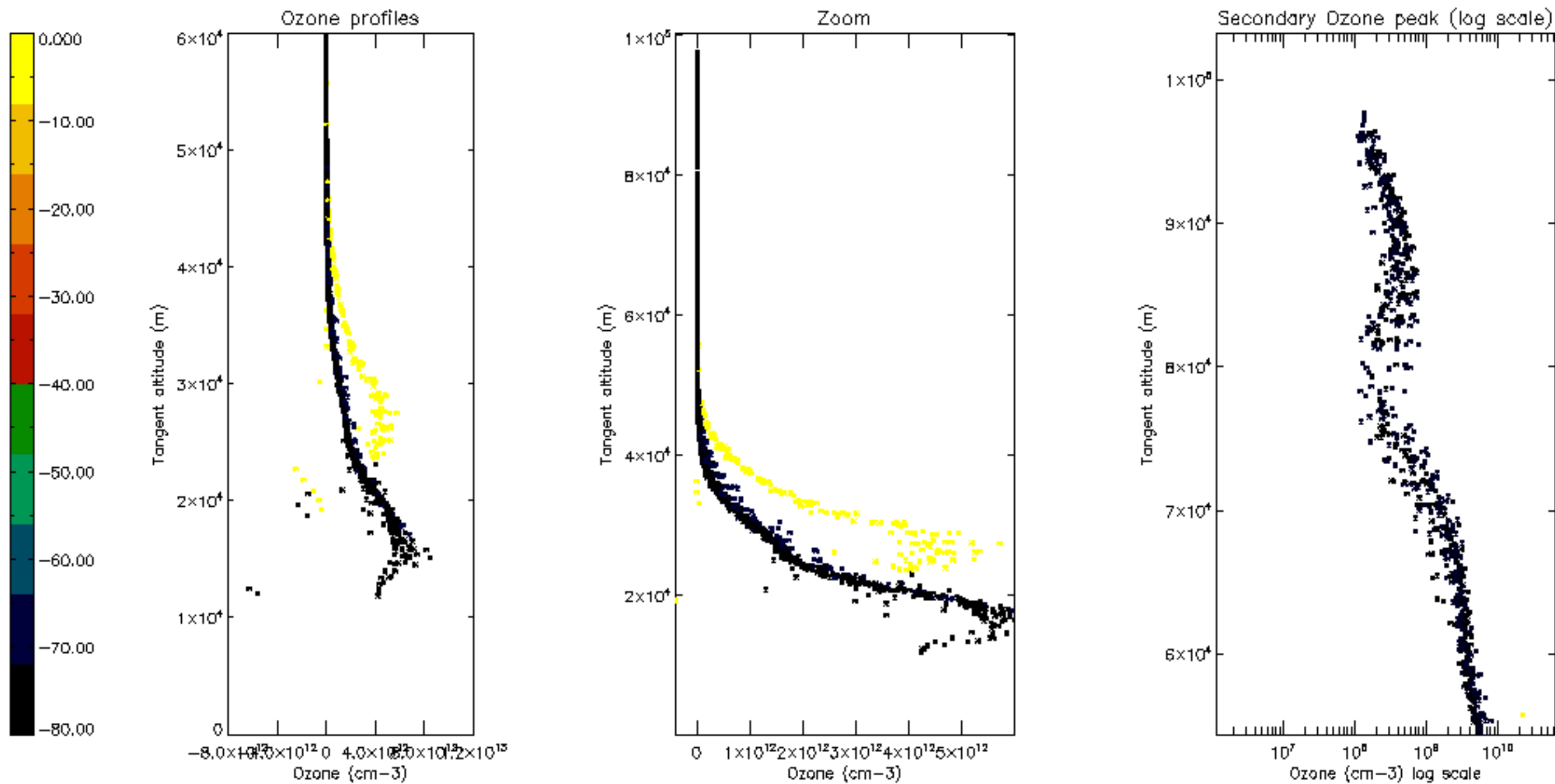


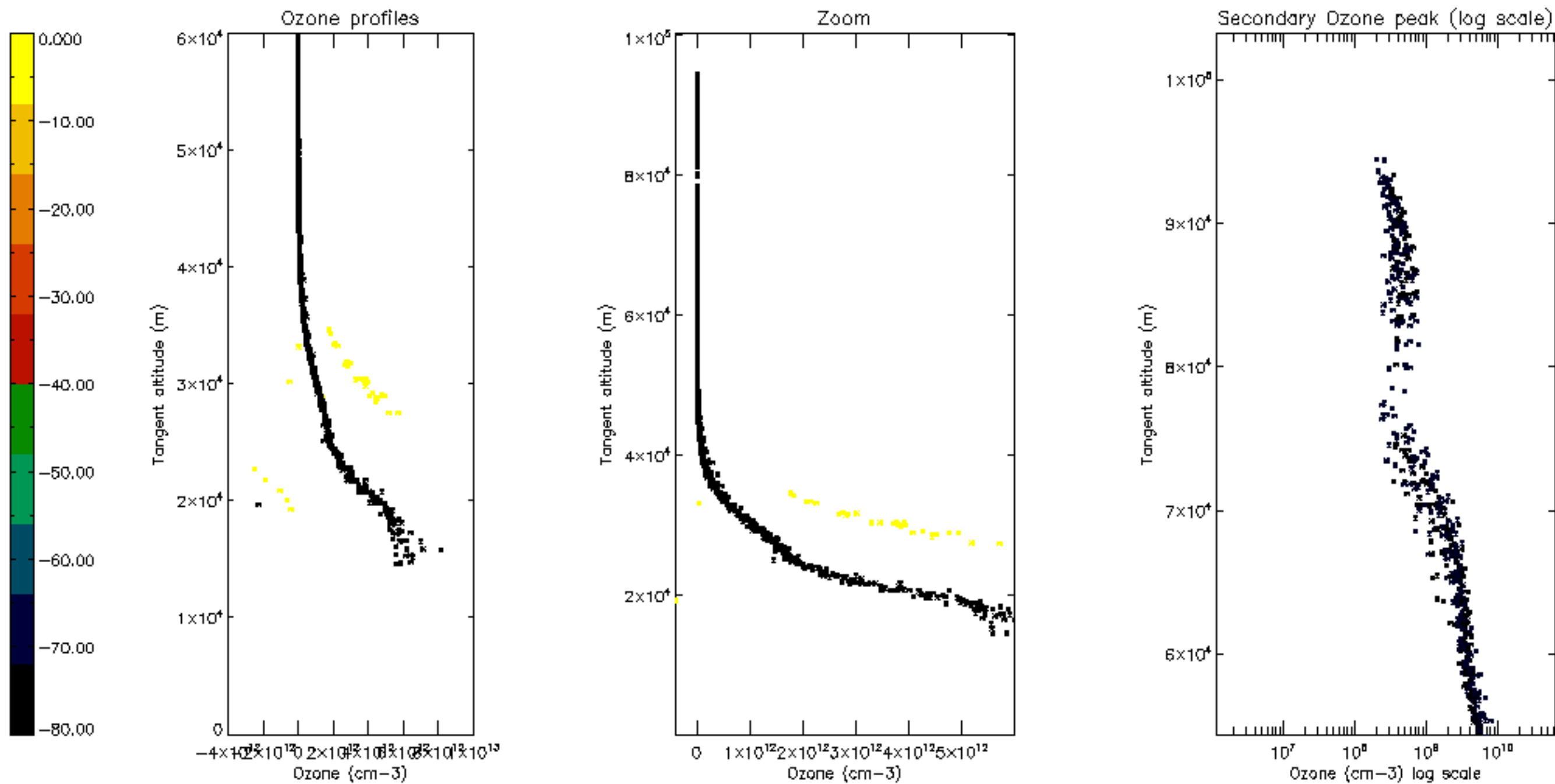
Percentage of saturation errors per profile

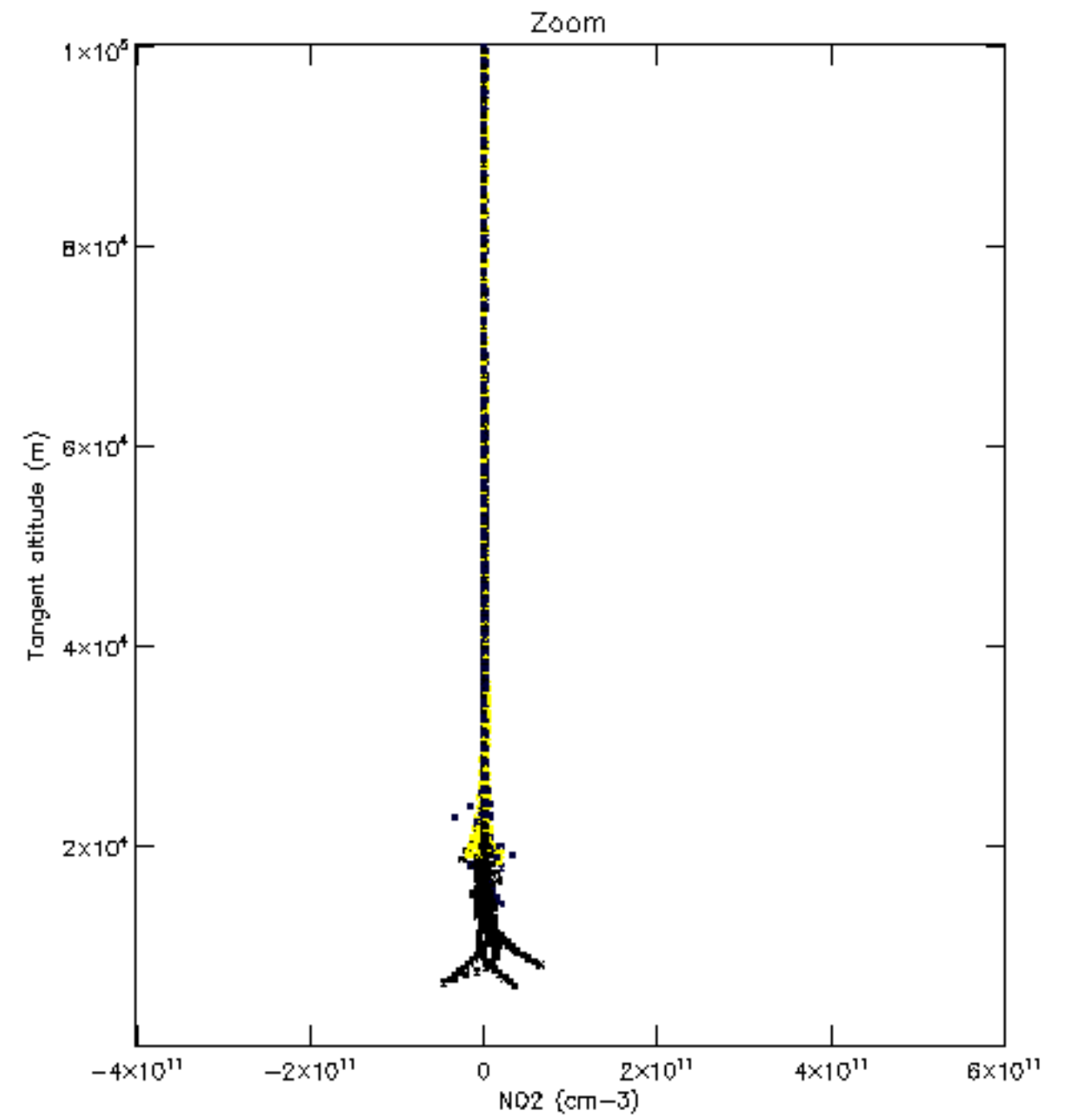
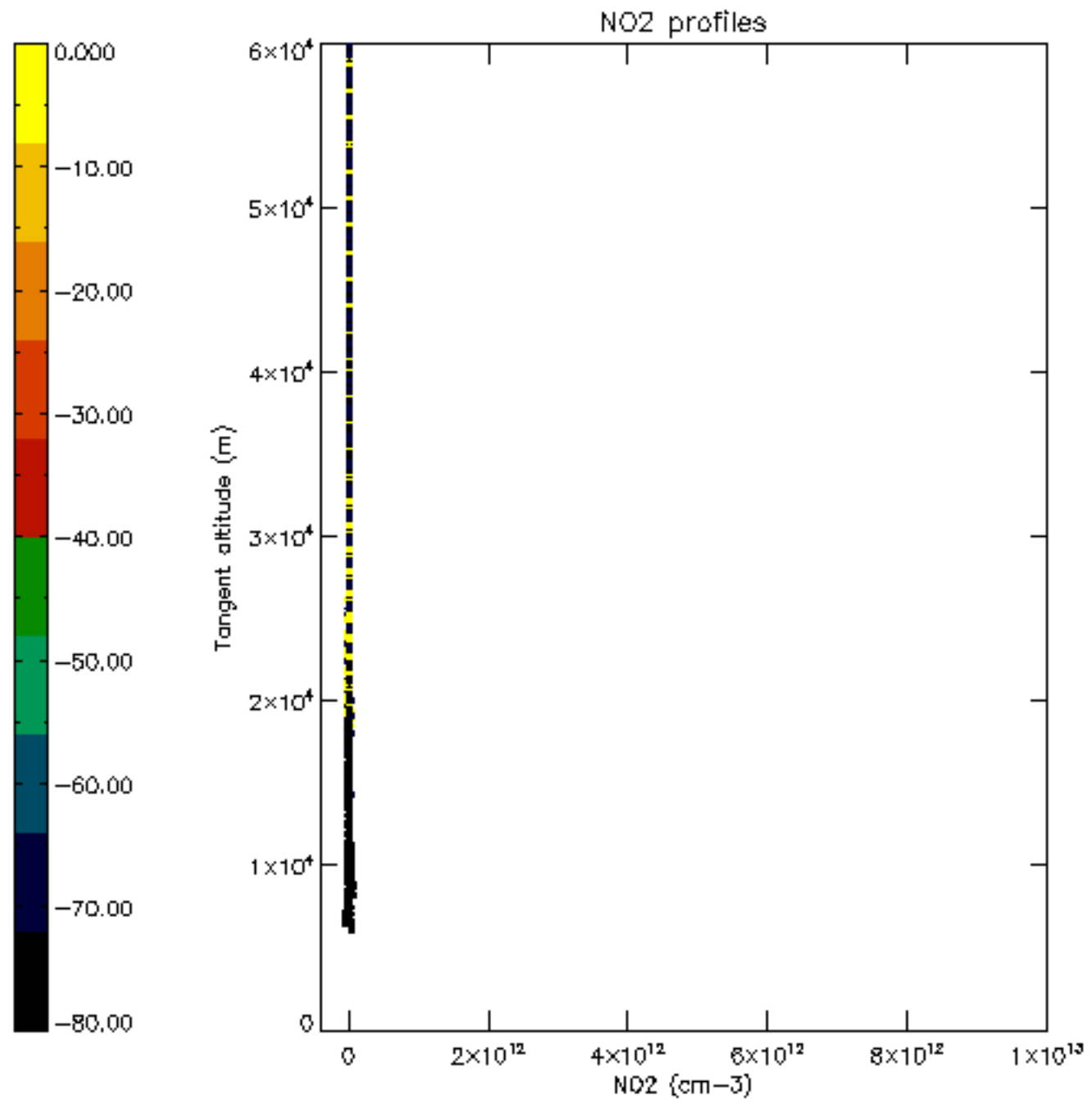


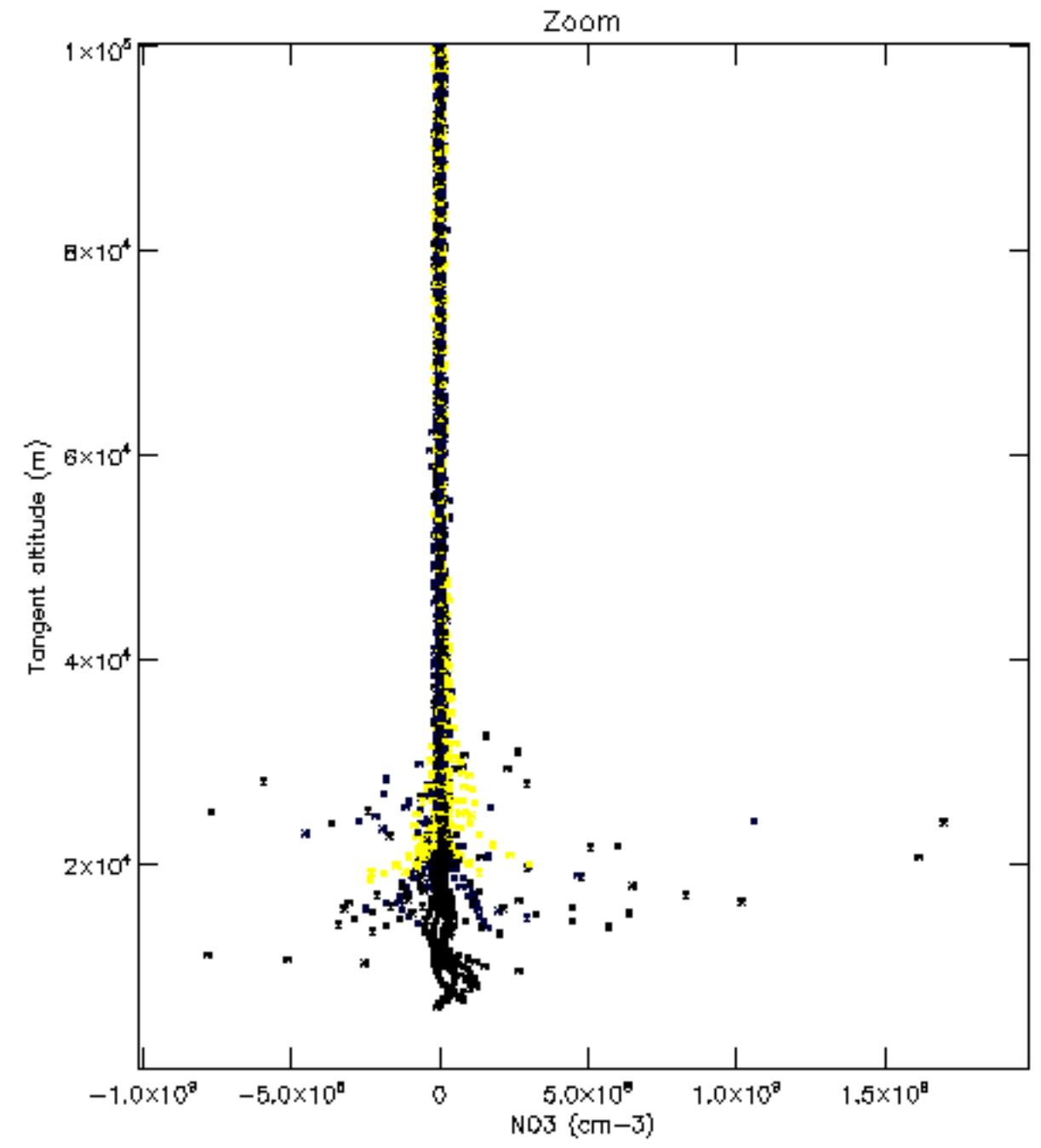
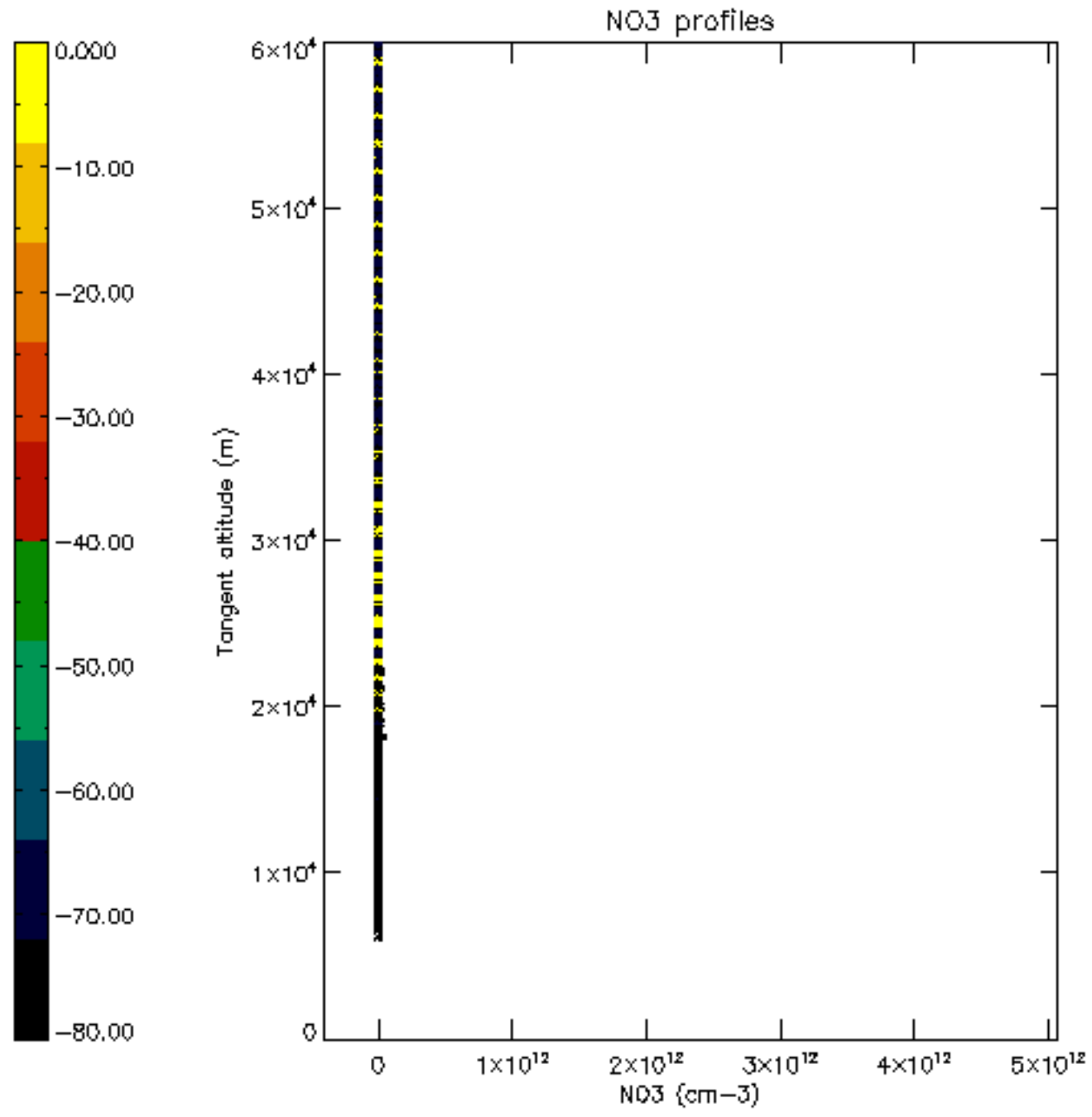


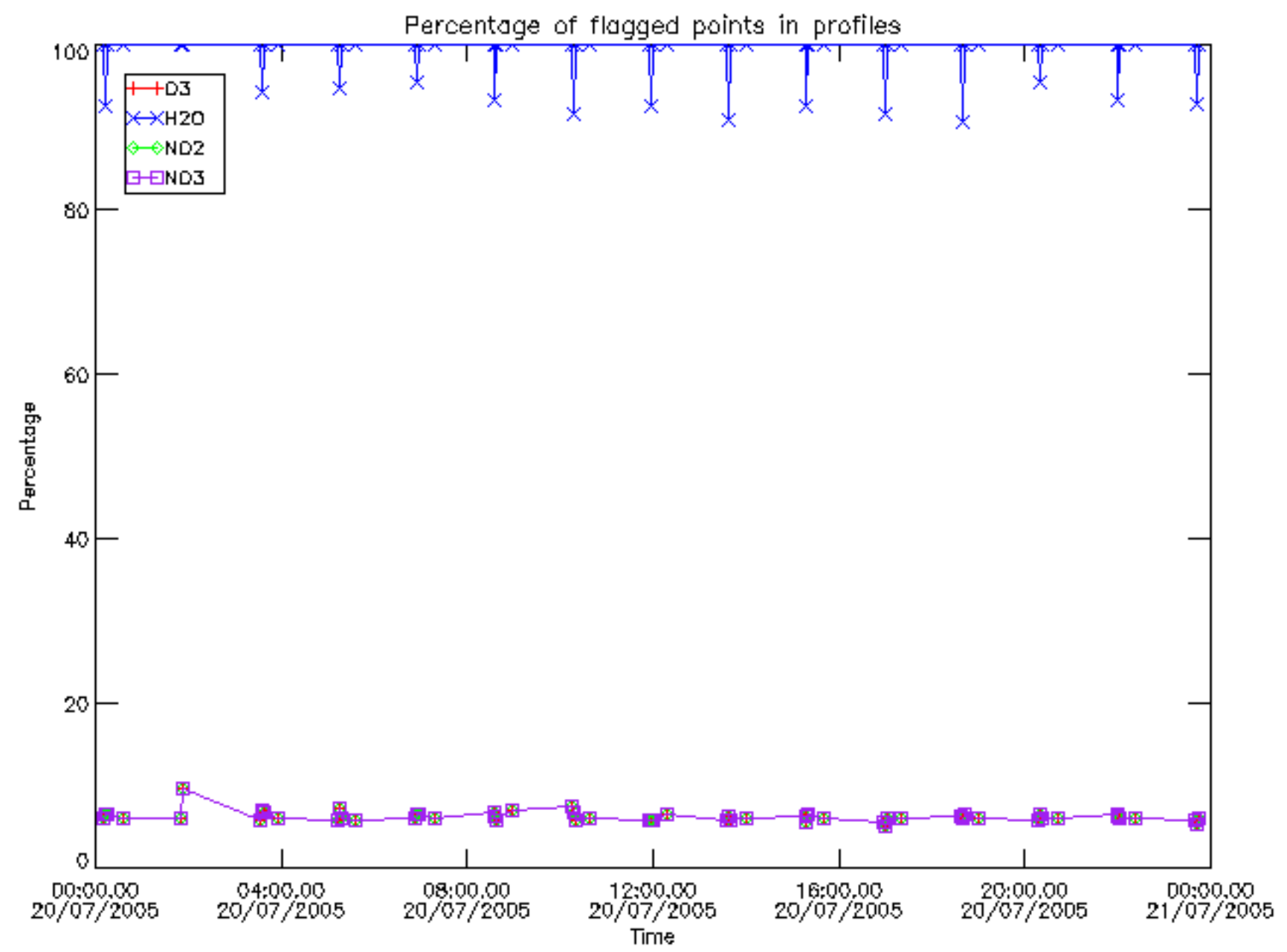




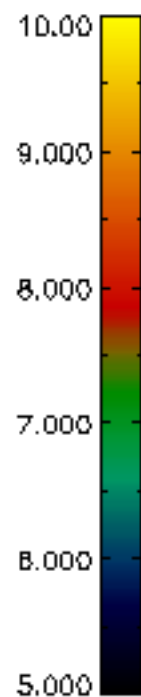
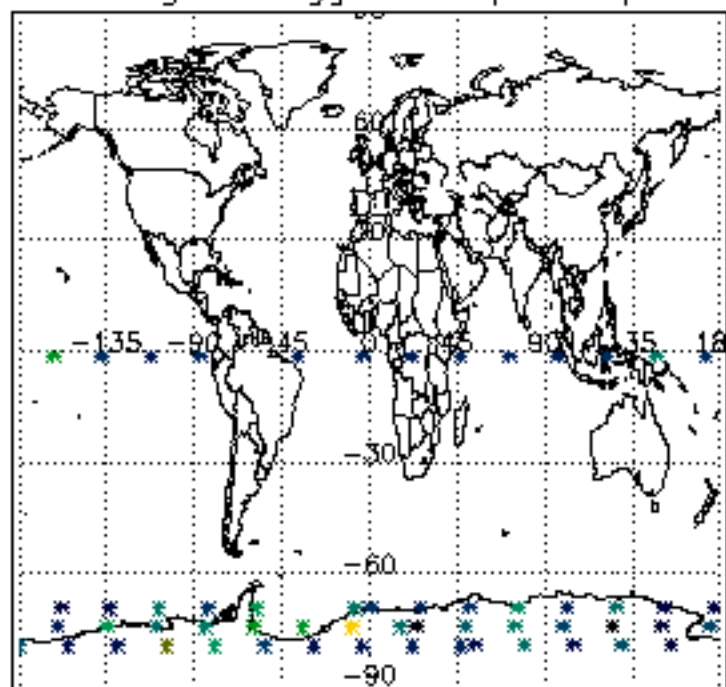




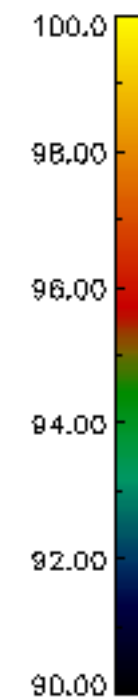
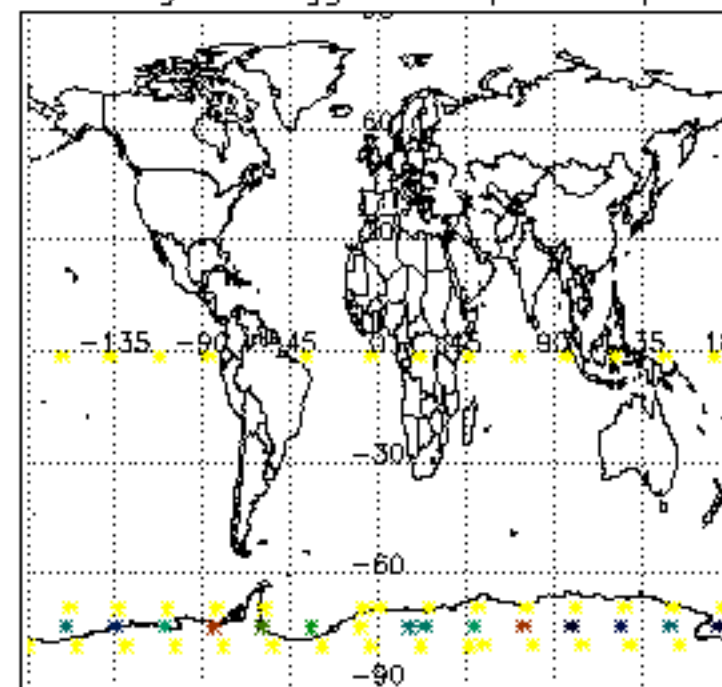




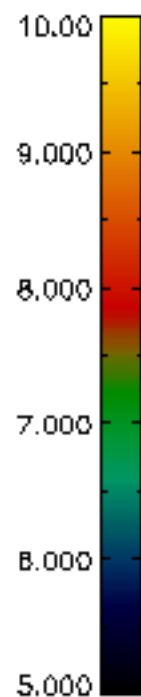
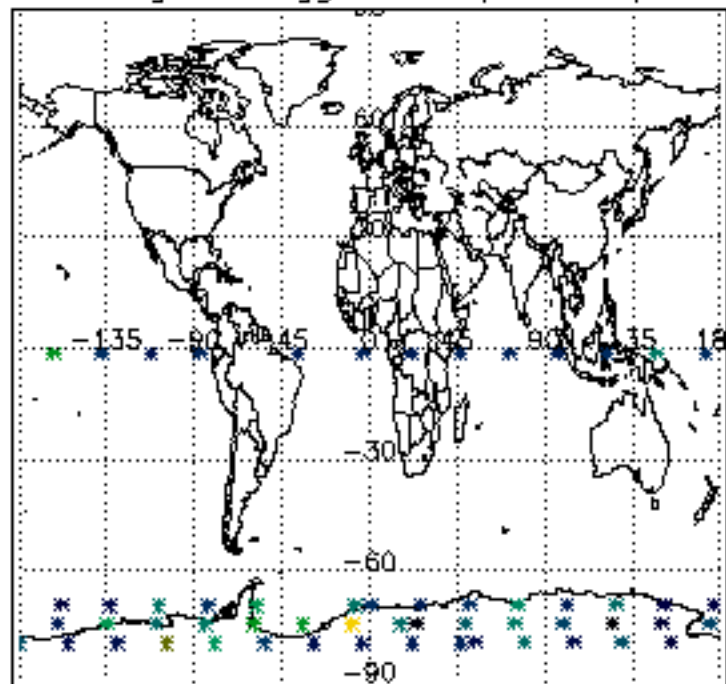
Percentage of flagged data per D3 profile



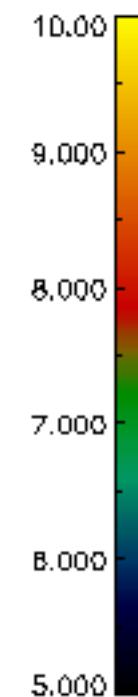
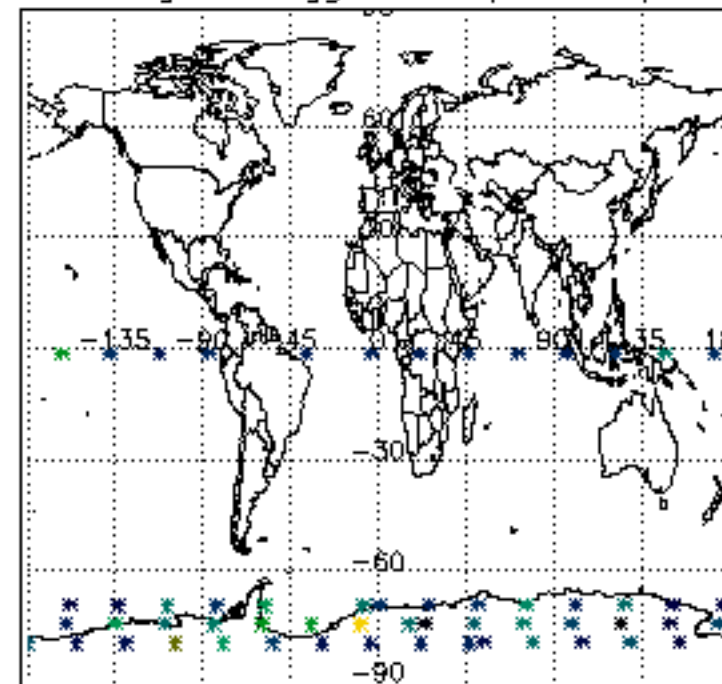
Percentage of flagged data per H2O profile

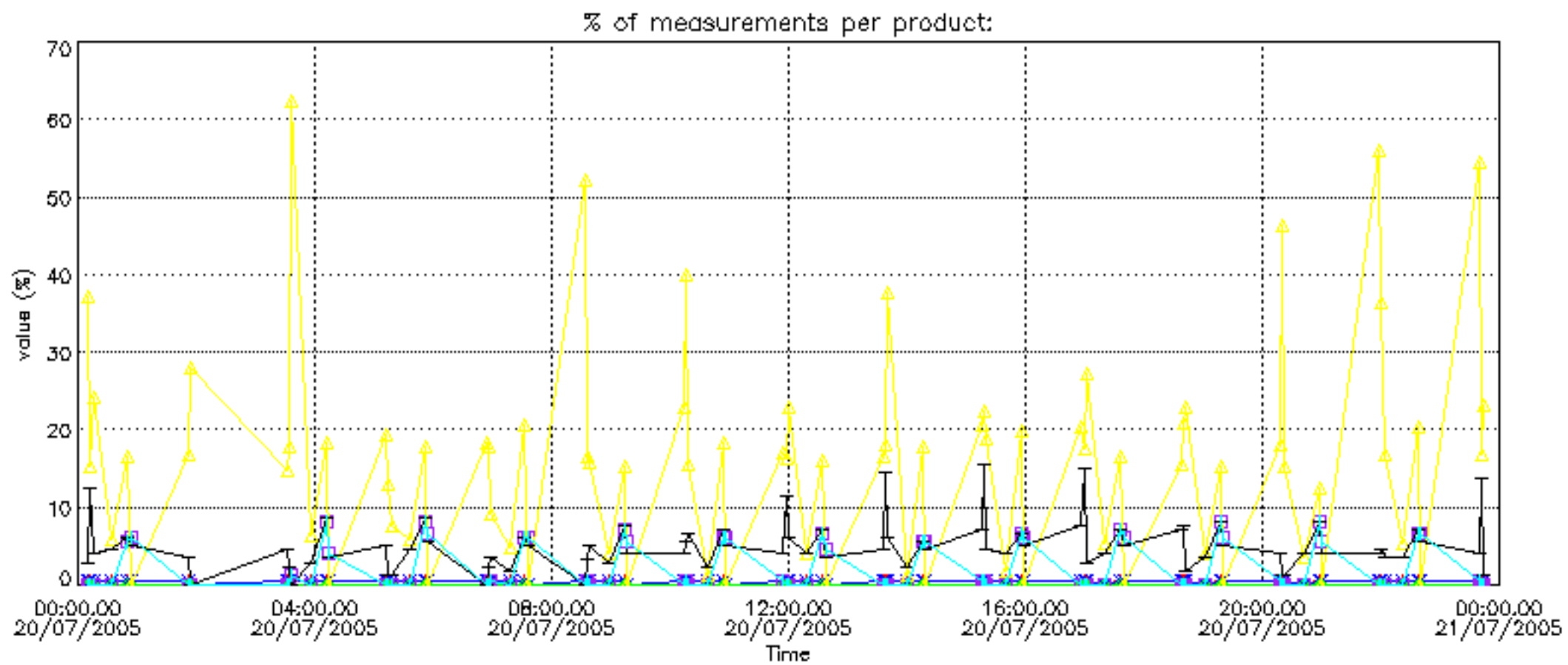


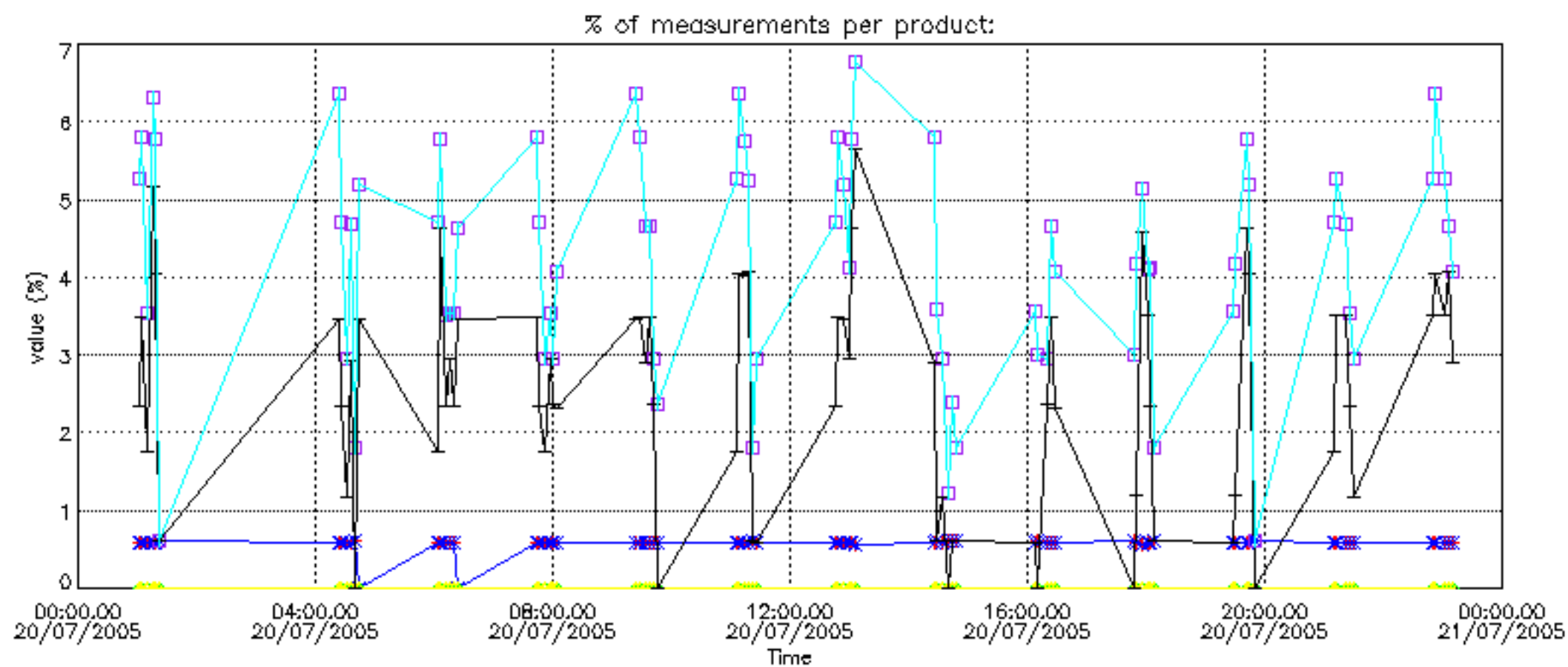
Percentage of flagged data per NO2 profile



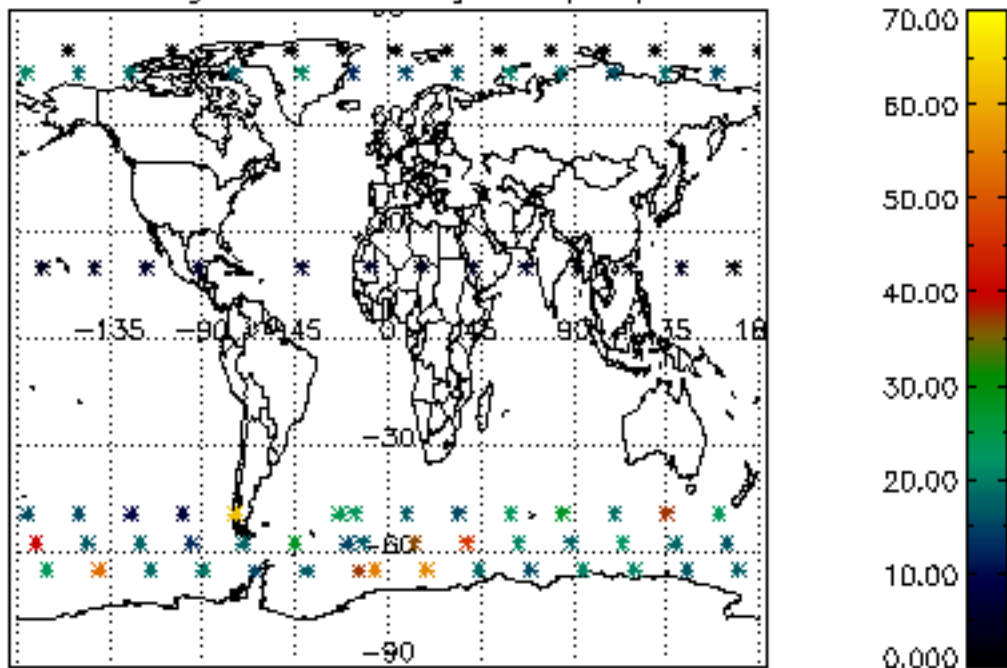
Percentage of flagged data per NO3 profile



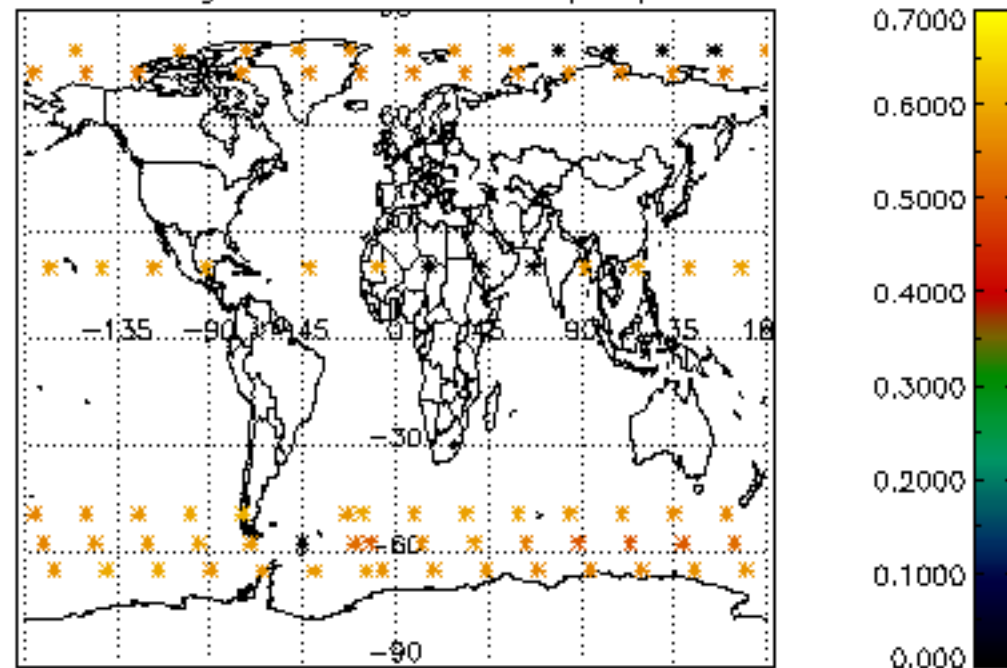




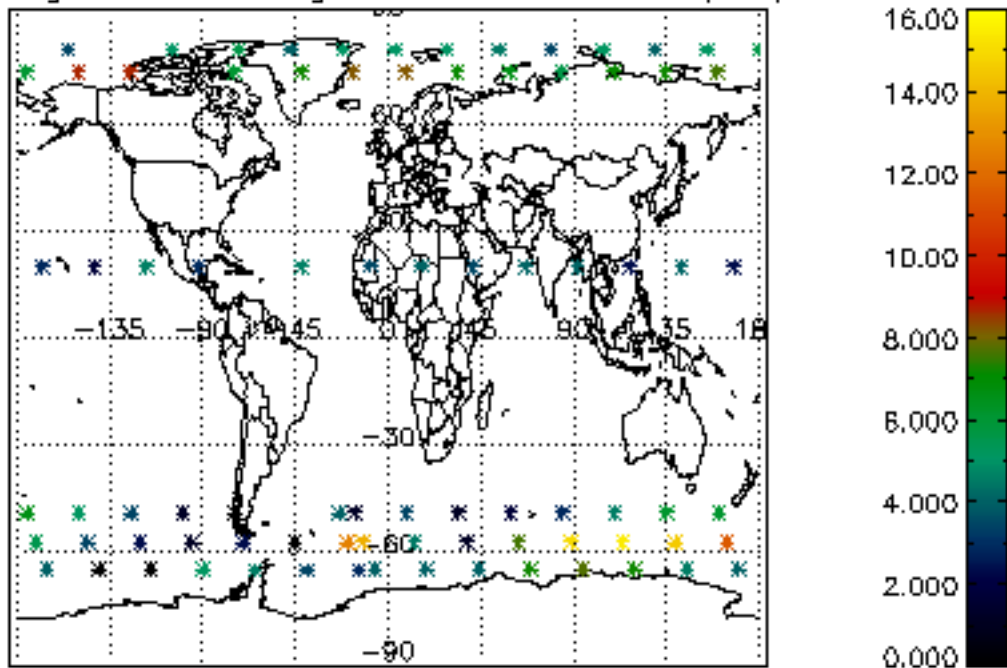
Percentage of cosmic ray hits per profile



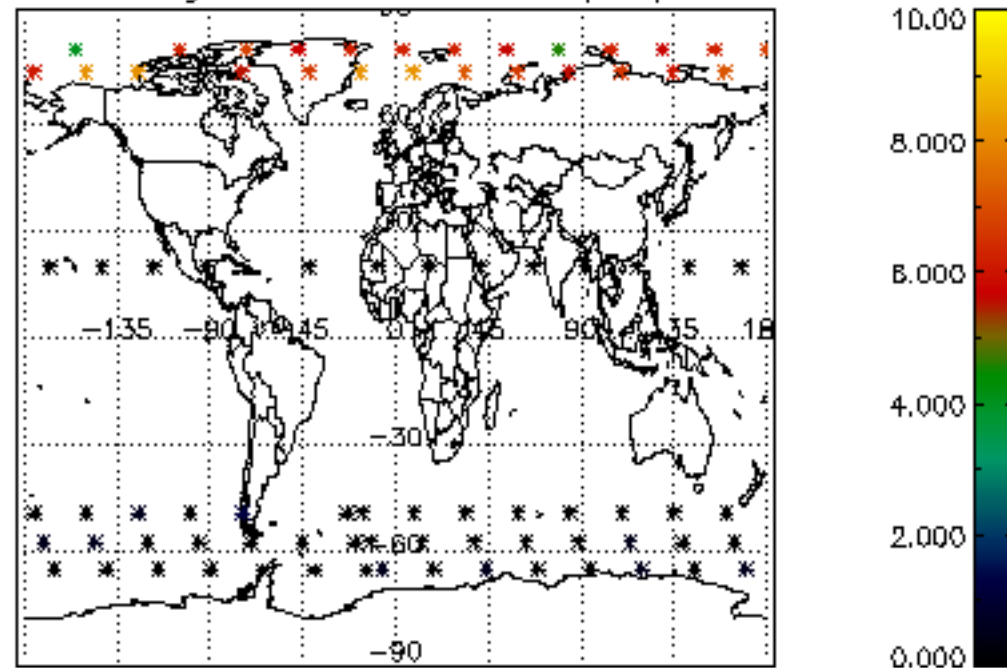
Percentage of datation errors per profile



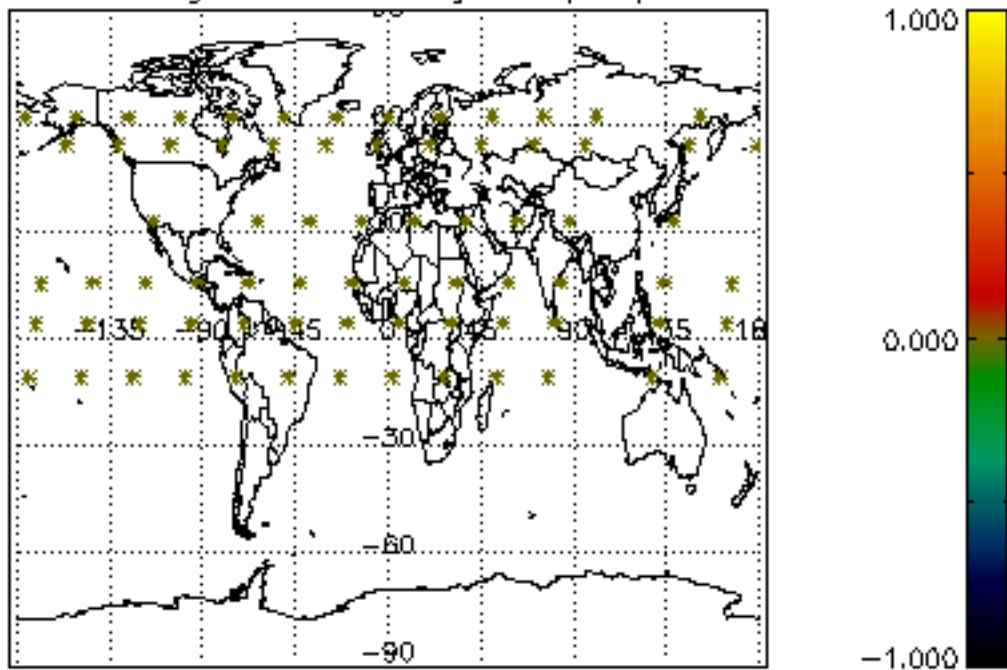
Percentage of star falling outside central band per profile



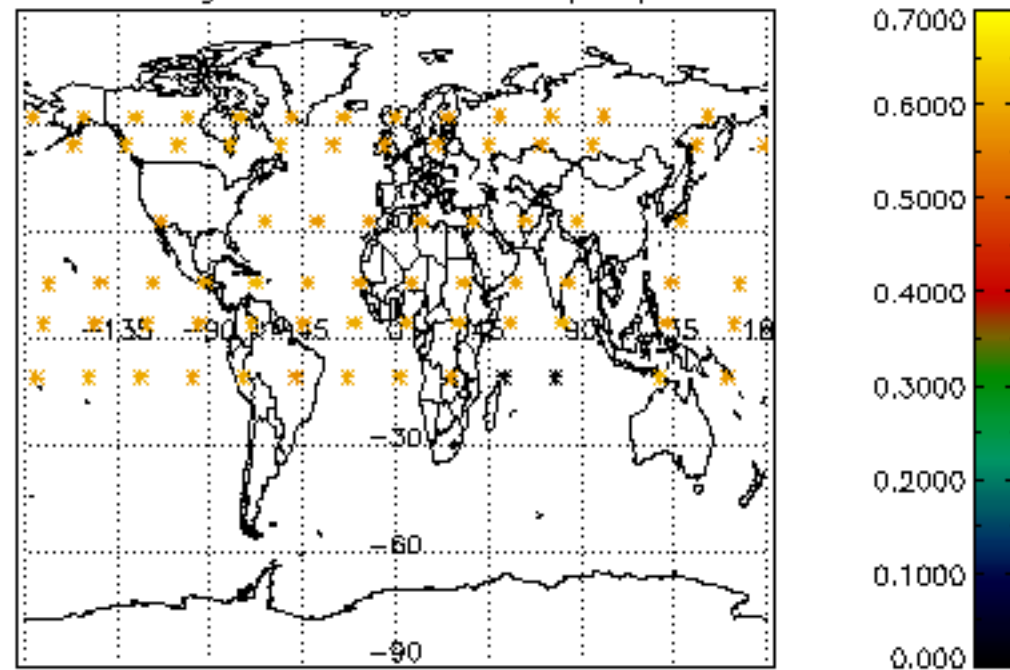
Percentage of saturation errors per profile



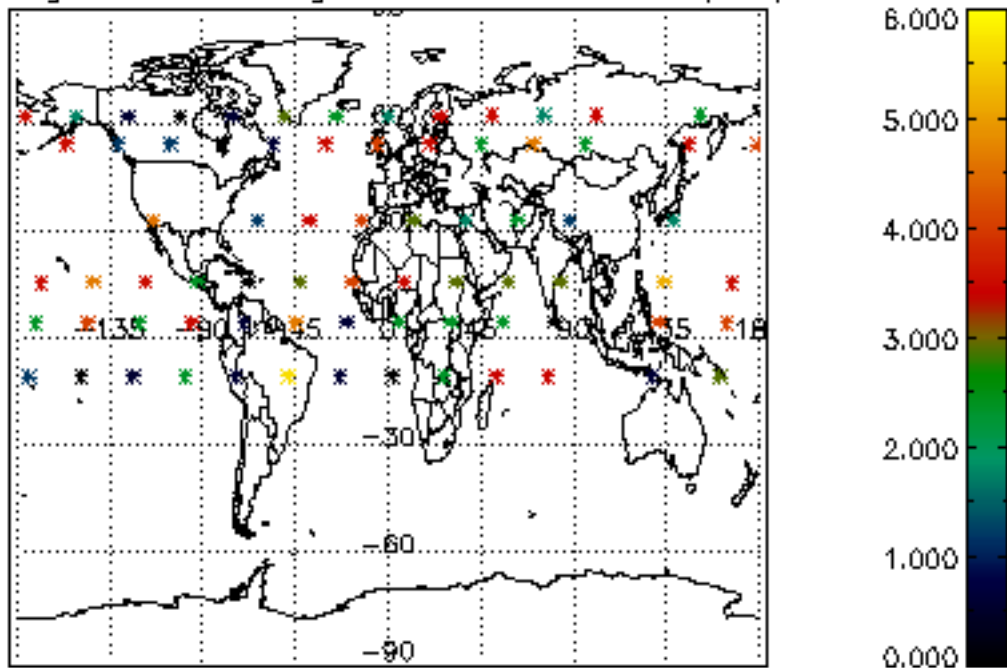
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

