

# 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 10:08:10
Data source version	GOMOS/6.01
Start time of products	25-07-2005 (25JUL2005 00:00:00)
Stop time of products	26-07-2005 (26JUL2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
Nb of prods with errors	2

## 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__2PRFIN20050725_000432_000000882039_00188_17777_5031.N1	25-JUL-2005 00:04:32	Bright	87.500	126	60Bet Oph	2.7700	4250.0	175	17777	No
2	GOM_NL__2PRFIN20050725_000652_000000882039_00188_17777_5032.N1	25-JUL-2005 00:06:52	Bright	87.500	59	55Alp Oph	2.0800	8900.0	175	17777	No
3	GOM_NL__2PRFIN20050725_001718_000000852039_00188_17777_5033.N1	25-JUL-2005 00:17:18	Bright	85.000	69	33Gam Dra	2.2310	3800.0	170	17777	No
4	GOM_NL__2PRFIN20050725_002100_000000862039_00188_17777_5034.N1	25-JUL-2005 00:21:00	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17777	No
5	GOM_NL__2PRFIN20050725_002513_000000872039_00188_17777_5035.N1	25-JUL-2005 00:25:13	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17777	No
6	GOM_NL__2PRFIN20050725_005407_000000872039_00188_17777_5036.N1	25-JUL-2005 00:54:07	Dark	87.000	30	46Eps Ori	1.6940	30000.	174	17777	No
7	GOM_NL__2PRFIN20050725_005617_000000882039_00188_17777_5037.N1	25-JUL-2005 00:56:17	Dark	87.500	56	53Kap Ori	2.0650	30000.	175	17777	No
8	GOM_NL__2PRFIN20050725_005844_000000902039_00188_17777_5038.N1	25-JUL-2005 00:58:44	Dark	89.500	101	11Alp Lep	2.5820	7000.0	179	17777	No
9	GOM_NL__2PRFIN20050725_011810_000000872039_00189_17778_5027.N1	25-JUL-2005 01:18:10	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17778	No
10	GOM_NL__2PRFIN20050725_012611_000000932039_00189_17778_5028.N1	25-JUL-2005 01:26:11	Straylight	92.500	45	Alp Pav	1.9400	26000.	185	17778	No
11	GOM_NL__2PRFIN20050725_013353_000000902039_00189_17778_5029.N1	25-JUL-2005 01:33:53	Bright	89.500	38	20Eps Sgr	1.8360	11000.	179	17778	No
12	GOM_NL__2PRFIN20050725_013620_000000872039_00189_17778_5030.N1	25-JUL-2005 01:36:20	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17778	No
13	GOM_NL__2PRFIN20050725_014508_000000892039_00189_17778_5031.N1	25-JUL-2005 01:45:08	Bright	88.500	126	60Bet Oph	2.7700	4250.0	177	17778	No
14	GOM_NL__2PRFIN20050725_014728_000000882039_00189_17778_5032.N1	25-JUL-2005 01:47:28	Bright	87.500	59	55Alp Oph	2.0800	8900.0	175	17778	No
15	GOM_NL__2PRFIN20050725_015754_000000832039_00189_17778_5033.N1	25-JUL-2005 01:57:54	Bright	83.000	69	33Gam Dra	2.2310	3800.0	166	17778	No
16	GOM_NL__2PRFIN20050725_020136_000000852039_00189_17778_5034.N1	25-JUL-2005 02:01:36	Bright	84.500	119	14Eta Dra	2.7270	4700.0	169	17778	No
17	GOM_NL__2PRFIN20050725_020549_000000832039_00189_17778_5035.N1	25-JUL-2005 02:05:49	Bright	82.500	60	7Bet UMi	2.0810	3950.0	165	17778	No
18	GOM_NL__2PRFIN20050725_023443_000000902039_00189_17778_5036.N1	25-JUL-2005 02:34:43	Dark	89.500	30	46Eps Ori	1.6940	30000.	179	17778	No
19	GOM_NL__2PRFIN20050725_023653_000000872039_00189_17778_5037.N1	25-JUL-2005 02:36:53	Dark	87.000	56	53Kap Ori	2.0650	30000.	174	17778	No
20	GOM_NL__2PRFIN20050725_023920_000000872039_00189_17778_5038.N1	25-JUL-2005 02:39:20	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17778	No
21	GOM_NL__2PRFIN20050725_043944_000000642039_00191_17780_5027.N1	25-JUL-2005 04:39:44	Dark	63.500	135	Bet Hyi	2.8200	5800.0	127	17780	No
22	GOM_NL__2PRFIN20050725_044747_000000672039_00191_17780_5028.N1	25-JUL-2005 04:47:47	Straylight	66.500	45	Alp Pav	1.9400	26000.	133	17780	No
23	GOM_NL__2PRFIN20050725_045529_000000702039_00191_17780_5029.N1	25-JUL-2005 04:55:29	Bright	69.500	38	20Eps Sgr	1.8360	11000.	139	17780	No
24	GOM_NL__2PRFIN20050725_045756_000000642039_00191_17780_5030.N1	25-JUL-2005 04:57:56	Bright	64.000	137	22Lam Sgr	2.8240	4400.0	128	17780	No
25	GOM_NL__2PRFIN20050725_050644_000000642039_00191_17780_5031.N1	25-JUL-2005 05:06:44	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17780	No
26	GOM_NL__2PRFIN20050725_050903_000000642039_00191_17780_5032.N1	25-JUL-2005 05:09:03	Bright	64.000	59	55Alp Oph	2.0800	8900.0	128	17780	No
27	GOM_NL__2PRFIN20050725_051929_000000642039_00191_17780_5033.N1	25-JUL-2005 05:19:29	Bright	64.000	69	33Gam Dra	2.2310	3800.0	128	17780	No
28	GOM_NL__2PRFIN20050725_052311_000000602039_00191_17780_5034.N1	25-JUL-2005 05:23:11	Bright	59.500	119	14Eta Dra	2.7270	4700.0	119	17780	No
29	GOM_NL__2PRFIN20050725_052724_000000612039_00191_17780_5035.N1	25-JUL-2005 05:27:24	Bright	60.500	60	7Bet UMi	2.0810	3950.0	121	17780	No
30	GOM_NL__2PRFIN20050725_055620_000000642039_00191_17780_5036.N1	25-JUL-2005 05:56:20	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	17780	No
31	GOM_NL__2PRFIN20050725_055830_000000602039_00191_17780_5037.N1	25-JUL-2005 05:58:30	Dark	60.000	56	53Kap Ori	2.0650	30000.	120	17780	No
32	GOM_NL__2PRFIN20050725_060026_000000642039_00191_17780_5038.N1	25-JUL-2005 06:00:26	Dark	63.500	47	2Bet CMa	1.9760	28000.	127	17780	No
33	GOM_NL__2PRFIN20050725_062021_000000632039_00192_17781_5382.N1	25-JUL-2005 06:20:21	Dark	63.000	135	Bet Hyi	2.8200	5800.0	126	17781	No
34	GOM_NL__2PRFIN20050725_062823_000000662039_00192_17781_5383.N1	25-JUL-2005 06:28:23	Straylight	65.500	45	Alp Pav	1.9400	26000.	131	17781	No
35	GOM_NL__2PRFIN20050725_063605_000000672039_00192_17781_5384.N1	25-JUL-2005 06:36:05	Bright	67.000	38	20Eps Sgr	1.8360	11000.	134	17781	No
36	GOM_NL__2PRFIN20050725_063832_000000652039_00192_17781_5385.N1	25-JUL-2005 06:38:32	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17781	No
37	GOM_NL__2PRFIN20050725_064720_000000632039_00192_17781_5386.N1	25-JUL-2005 06:47:20	Bright	63.000	126	60Bet Oph	2.7700	4250.0	126	17781	No
38	GOM_NL__2PRFIN20050725_064940_000000632039_00192_17781_5387.N1	25-JUL-2005 06:49:40	Bright	62.500	59	55Alp Oph	2.0800	8900.0	125	17781	No
39	GOM_NL__2PRFIN20050725_070005_000000652039_00192_17781_5388.N1	25-JUL-2005 07:00:05	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17781	No
40	GOM_NL__2PRFIN20050725_070347_000000632039_00192_17781_5389.N1	25-JUL-2005 07:03:47	Bright	63.000	119	14Eta Dra	2.7270	4700.0	126	17781	No
41	GOM_NL__2PRFIN20050725_070801_000000792039_00192_17781_5390.N1	25-JUL-2005 07:08:01	Bright	78.500	60	7Bet UMi	2.0810	3950.0	157	17781	No
42	GOM_NL__2PRFIN20050725_073656_000000612039_00192_17781_5391.N1	25-JUL-2005 07:36:56	Dark	60.500	30	46Eps Ori	1.6940	30000.	121	17781	No

43	GOM_NL__2PRFIN20050725_073906_000000632039_00192_17781_5392.N1	25-JUL-2005 07:39:06	Dark	62.500	56	53Kap Ori	2.0650	30000.	125	17781	No
44	GOM_NL__2PRFIN20050725_074102_000000702039_00192_17781_5393.N1	25-JUL-2005 07:41:02	Dark	69.500	47	2Bet CMa	1.9760	28000.	139	17781	No
45	GOM_NL__2PRFIN20050725_080057_000000662039_00193_17782_5404.N1	25-JUL-2005 08:00:57	Dark	65.500	135	Bet Hyi	2.8200	5800.0	131	17782	No
46	GOM_NL__2PRFIN20050725_080900_000000692039_00193_17782_5405.N1	25-JUL-2005 08:09:00	Straylight	69.000	45	Alp Pav	1.9400	26000.	138	17782	No
47	GOM_NL__2PRFIN20050725_081642_000000682039_00193_17782_5406.N1	25-JUL-2005 08:16:42	Bright	68.000	38	20Eps Sgr	1.8360	11000.	136	17782	No
48	GOM_NL__2PRFIN20050725_081908_000000642039_00193_17782_5407.N1	25-JUL-2005 08:19:08	Bright	63.500	137	22Lam Sgr	2.8240	4400.0	127	17782	No
49	GOM_NL__2PRFIN20050725_082757_000000642039_00193_17782_5408.N1	25-JUL-2005 08:27:57	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17782	No
50	GOM_NL__2PRFIN20050725_083016_000000662039_00193_17782_5409.N1	25-JUL-2005 08:30:16	Bright	65.500	59	55Alp Oph	2.0800	8900.0	131	17782	No
51	GOM_NL__2PRFIN20050725_084041_000000652039_00193_17782_5410.N1	25-JUL-2005 08:40:41	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17782	No
52	GOM_NL__2PRFIN20050725_084423_000000642039_00193_17782_5411.N1	25-JUL-2005 08:44:23	Bright	64.000	119	14Eta Dra	2.7270	4700.0	128	17782	No
53	GOM_NL__2PRFIN20050725_084837_000000602039_00193_17782_5412.N1	25-JUL-2005 08:48:37	Bright	59.500	60	7Bet UMi	2.0810	3950.0	119	17782	No
54	GOM_NL__2PRFIN20050725_091732_000000622039_00193_17782_5413.N1	25-JUL-2005 09:17:32	Dark	62.000	30	46Eps Ori	1.6940	30000.	124	17782	No
55	GOM_NL__2PRFIN20050725_091942_000000652039_00193_17782_5414.N1	25-JUL-2005 09:19:42	Dark	65.000	56	53Kap Ori	2.0650	30000.	130	17782	No
56	GOM_NL__2PRFIN20050725_092138_000000682039_00193_17782_5415.N1	25-JUL-2005 09:21:38	Dark	68.000	47	2Bet CMa	1.9760	28000.	136	17782	No
57	GOM_NL__2PRFIN20050725_092501_000000102039_00193_17782_5416.N1	25-JUL-2005 09:25:01	Dark	10.000	177	1Zet CMa	3.0220	26000.	20	17782	Yes
58	GOM_NL__2PRFIN20050725_094133_000000652039_00194_17783_5407.N1	25-JUL-2005 09:41:33	Dark	65.000	135	Bet Hyi	2.8200	5800.0	130	17783	No
59	GOM_NL__2PRFIN20050725_094936_000000682039_00194_17783_5408.N1	25-JUL-2005 09:49:36	Straylight	67.500	45	Alp Pav	1.9400	26000.	135	17783	No
60	GOM_NL__2PRFIN20050725_095718_000000692039_00194_17783_5409.N1	25-JUL-2005 09:57:18	Bright	69.000	38	20Eps Sgr	1.8360	11000.	138	17783	No
61	GOM_NL__2PRFIN20050725_095944_000000652039_00194_17783_5410.N1	25-JUL-2005 09:59:44	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17783	No
62	GOM_NL__2PRFIN20050725_100832_000000642039_00194_17783_5411.N1	25-JUL-2005 10:08:32	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17783	No
63	GOM_NL__2PRFIN20050725_101052_000000622039_00194_17783_5412.N1	25-JUL-2005 10:10:52	Bright	62.000	59	55Alp Oph	2.0800	8900.0	124	17783	No
64	GOM_NL__2PRFIN20050725_102117_000000652039_00194_17783_5413.N1	25-JUL-2005 10:21:17	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17783	No
65	GOM_NL__2PRFIN20050725_102459_000000632039_00194_17783_5414.N1	25-JUL-2005 10:24:59	Bright	63.000	119	14Eta Dra	2.7270	4700.0	126	17783	No
66	GOM_NL__2PRFIN20050725_102913_000000592039_00194_17783_5415.N1	25-JUL-2005 10:29:13	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	17783	No
67	GOM_NL__2PRFIN20050725_105808_000000662039_00194_17783_5416.N1	25-JUL-2005 10:58:08	Dark	65.500	30	46Eps Ori	1.6940	30000.	131	17783	No
68	GOM_NL__2PRFIN20050725_110018_000000672039_00194_17783_5417.N1	25-JUL-2005 11:00:18	Dark	67.000	56	53Kap Ori	2.0650	30000.	134	17783	No
69	GOM_NL__2PRFIN20050725_110214_000000662039_00194_17783_5418.N1	25-JUL-2005 11:02:14	Dark	66.000	47	2Bet CMa	1.9760	28000.	132	17783	No
70	GOM_NL__2PRFIN20050725_110537_000000102039_00194_17783_5419.N1	25-JUL-2005 11:05:37	Dark	10.000	177	1Zet CMa	3.0220	26000.	20	17783	Yes
71	GOM_NL__2PRFIN20050725_112209_000000652039_00195_17784_5408.N1	25-JUL-2005 11:22:09	Dark	65.000	135	Bet Hyi	2.8200	5800.0	130	17784	No
72	GOM_NL__2PRFIN20050725_113012_000000682039_00195_17784_5409.N1	25-JUL-2005 11:30:12	Straylight	68.000	45	Alp Pav	1.9400	26000.	136	17784	No
73	GOM_NL__2PRFIN20050725_113754_000000672039_00195_17784_5410.N1	25-JUL-2005 11:37:54	Bright	67.000	38	20Eps Sgr	1.8360	11000.	134	17784	No
74	GOM_NL__2PRFIN20050725_114020_000000652039_00195_17784_5411.N1	25-JUL-2005 11:40:20	Bright	64.500	137	22Lam Sgr	2.8240	4400.0	129	17784	No
75	GOM_NL__2PRFIN20050725_114908_000000632039_00195_17784_5412.N1	25-JUL-2005 11:49:08	Bright	63.000	126	60Bet Oph	2.7700	4250.0	126	17784	No
76	GOM_NL__2PRFIN20050725_115128_000000642039_00195_17784_5413.N1	25-JUL-2005 11:51:28	Bright	63.500	59	55Alp Oph	2.0800	8900.0	127	17784	No
77	GOM_NL__2PRFIN20050725_120153_000000652039_00195_17784_5414.N1	25-JUL-2005 12:01:53	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17784	No
78	GOM_NL__2PRFIN20050725_120536_000000642039_00195_17784_5415.N1	25-JUL-2005 12:05:36	Bright	64.000	119	14Eta Dra	2.7270	4700.0	128	17784	No
79	GOM_NL__2PRFIN20050725_120949_000000632039_00195_17784_5416.N1	25-JUL-2005 12:09:49	Bright	63.000	60	7Bet UMi	2.0810	3950.0	126	17784	No
80	GOM_NL__2PRFIN20050725_123844_000000682039_00195_17784_5417.N1	25-JUL-2005 12:38:44	Dark	68.000	30	46Eps Ori	1.6940	30000.	136	17784	No
81	GOM_NL__2PRFIN20050725_124054_000000652039_00195_17784_5418.N1	25-JUL-2005 12:40:54	Dark	65.000	56	53Kap Ori	2.0650	30000.	130	17784	No
82	GOM_NL__2PRFIN20050725_124250_000000672039_00195_17784_5419.N1	25-JUL-2005 12:42:50	Dark	67.000	47	2Bet CMa	1.9760	28000.	134	17784	No
83	GOM_NL__2PRFIN20050725_124613_000000332039_00195_17784_5420.N1	25-JUL-2005 12:46:13	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	17784	No
84	GOM_NL__2PRFIN20050725_130245_000000632039_00196_17785_5409.N1	25-JUL-2005 13:02:45	Dark	63.000	135	Bet Hyi	2.8200	5800.0	126	17785	No
85	GOM_NL__2PRFIN20050725_131048_000000672039_00196_17785_5410.N1	25-JUL-2005 13:10:48	Straylight	67.000	45	Alp Pav	1.9400	26000.	134	17785	No
86	GOM_NL__2PRFIN20050725_131830_000000672039_00196_17785_5411.N1	25-JUL-2005 13:18:30	Bright	66.500	38	20Eps Sgr	1.8360	11000.	133	17785	No
87	GOM_NL__2PRFIN20050725_132056_000000642039_00196_17785_5412.N1	25-JUL-2005 13:20:56	Bright	63.500	137	22Lam Sgr	2.8240	4400.0	127	17785	No
88	GOM_NL__2PRFIN20050725_132945_000000632039_00196_17785_5413.N1	25-JUL-2005 13:29:45	Bright	63.000	126	60Bet Oph	2.7700	4250.0	126	17785	No
89	GOM_NL__2PRFIN20050725_133204_000000662039_00196_17785_5414.N1	25-JUL-2005 13:32:04	Bright	65.500	59	55Alp Oph	2.0800	8900.0	131	17785	No
90	GOM_NL__2PRFIN20050725_134229_000000642039_00196_17785_5415.N1	25-JUL-2005 13:42:29	Bright	63.500	69	33Gam Dra	2.2310	3800.0	127	17785	No
91	GOM_NL__2PRFIN20050725_134612_000000652039_00196_17785_5416.N1	25-JUL-2005 13:46:12	Bright	64.500	119	14Eta Dra	2.7270	4700.0	129	17785	No
92	GOM_NL__2PRFIN20050725_135025_000000642039_00196_17785_5417.N1	25-JUL-2005 13:50:25	Bright	64.000	60	7Bet UMi	2.0810	3950.0	128	17785	No
93	GOM_NL__2PRFIN20050725_141921_000000682039_00196_17785_5418.N1	25-JUL-2005 14:19:21	Dark	68.000	30	46Eps Ori	1.6940	30000.	136	17785	No
94	GOM_NL__2PRFIN20050725_142130_000000652039_00196_17785_5419.N1	25-JUL-2005 14:21:30	Dark	65.000	56	53Kap Ori	2.0650	30000.	130	17785	No
95	GOM_NL__2PRFIN20050725_142326_000000662039_00196_17785_5420.N1	25-JUL-2005 14:23:26	Dark	66.000	47	2Bet CMa	1.9760	28000.	132	17785	No
96	GOM_NL__2PRFIN20050725_142649_000000332039_00196_17785_5421.N1	25-JUL-2005 14:26:49	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	17785	No
97	GOM_NL__2PRFIN20050725_144322_000000632039_00197_17786_5410.N1	25-JUL-2005 14:43:22	Dark	63.000	135	Bet Hyi	2.8200	5800.0	126	17786	No
98	GOM_NL__2PRFIN20050725_145124_000000672039_00197_17786_5411.N1	25-JUL-2005 14:51:24	Straylight	66.500	45	Alp Pav	1.9400	26000.	133	17786	No
99	GOM_NL__2PRFIN20050725_145906_000000672039_00197_17786_5412.N1	25-JUL-2005 14:59:06	Bright	66.500	38	20Eps Sgr	1.8360	11000.	133	17786	No
100	GOM_NL__2PRFIN20050725_150132_000000642039_00197_17786_5413.N1	25-JUL-2005 15:01:32	Bright	64.000	137	22Lam Sgr	2.8240	4400.0	128	17786	No
101	GOM_NL__2PRFIN20050725_151021_000000632039_00197_17786_5414.N1	25-JUL-2005 15:10:21	Bright	62.500	126	60Bet Oph	2.7700	4250.0	125	17786	No

102	GOM_NL__2PRFIN20050725_151240_000000622039_00197_17786_5415.N1	25-JUL-2005 15:12:40	Bright	62.000	59	55Alp Oph	2.0800	8900.0	124	17786	No
103	GOM_NL__2PRFIN20050725_152305_000000642039_00197_17786_5416.N1	25-JUL-2005 15:23:05	Bright	63.500	69	33Gam Dra	2.2310	3800.0	127	17786	No
104	GOM_NL__2PRFIN20050725_152648_000000652039_00197_17786_5417.N1	25-JUL-2005 15:26:48	Bright	64.500	119	14Eta Dra	2.7270	4700.0	129	17786	No
105	GOM_NL__2PRFIN20050725_153101_000000602039_00197_17786_5418.N1	25-JUL-2005 15:31:01	Bright	59.500	60	7Bet UMi	2.0810	3950.0	119	17786	No
106	GOM_NL__2PRFIN20050725_155957_000000672039_00197_17786_5419.N1	25-JUL-2005 15:59:57	Dark	67.000	30	46Eps Ori	1.6940	30000.	134	17786	No
107	GOM_NL__2PRFIN20050725_160206_000000662039_00197_17786_5420.N1	25-JUL-2005 16:02:06	Dark	65.500	56	53Kap Ori	2.0650	30000.	131	17786	No
108	GOM_NL__2PRFIN20050725_160402_000000662039_00197_17786_5421.N1	25-JUL-2005 16:04:02	Dark	66.000	47	2Bet CMa	1.9760	28000.	132	17786	No
109	GOM_NL__2PRFIN20050725_160725_000000562039_00197_17786_5422.N1	25-JUL-2005 16:07:25	Dark	56.000	177	1Zet CMa	3.0220	26000.	112	17786	No
110	GOM_NL__2PRFIN20050725_162358_000000652039_00198_17787_5411.N1	25-JUL-2005 16:23:58	Dark	65.000	135	Bet Hyi	2.8200	5800.0	130	17787	No
111	GOM_NL__2PRFIN20050725_163200_000000672039_00198_17787_5412.N1	25-JUL-2005 16:32:00	Straylight	67.000	45	Alp Pav	1.9400	26000.	134	17787	No
112	GOM_NL__2PRFIN20050725_163942_000000692039_00198_17787_5413.N1	25-JUL-2005 16:39:42	Bright	69.000	38	20Eps Sgr	1.8360	11000.	138	17787	No
113	GOM_NL__2PRFIN20050725_164208_000000642039_00198_17787_5414.N1	25-JUL-2005 16:42:08	Bright	63.500	137	22Lam Sgr	2.8240	4400.0	127	17787	No
114	GOM_NL__2PRFIN20050725_165057_000000622039_00198_17787_5415.N1	25-JUL-2005 16:50:57	Bright	62.000	126	60Bet Oph	2.7700	4250.0	124	17787	No
115	GOM_NL__2PRFIN20050725_165316_000000662039_00198_17787_5416.N1	25-JUL-2005 16:53:16	Bright	66.000	59	55Alp Oph	2.0800	8900.0	132	17787	No
116	GOM_NL__2PRFIN20050725_170341_000000652039_00198_17787_5417.N1	25-JUL-2005 17:03:41	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17787	No
117	GOM_NL__2PRFIN20050725_170724_000000602039_00198_17787_5418.N1	25-JUL-2005 17:07:24	Bright	59.500	119	14Eta Dra	2.7270	4700.0	119	17787	No
118	GOM_NL__2PRFIN20050725_171138_000000612039_00198_17787_5419.N1	25-JUL-2005 17:11:38	Bright	60.500	60	7Bet UMi	2.0810	3950.0	121	17787	No
119	GOM_NL__2PRFIN20050725_174033_000000672039_00198_17787_5420.N1	25-JUL-2005 17:40:33	Dark	67.000	30	46Eps Ori	1.6940	30000.	134	17787	No
120	GOM_NL__2PRFIN20050725_174243_000000642039_00198_17787_5421.N1	25-JUL-2005 17:42:43	Dark	63.500	56	53Kap Ori	2.0650	30000.	127	17787	No
121	GOM_NL__2PRFIN20050725_174438_000000632039_00198_17787_5422.N1	25-JUL-2005 17:44:38	Dark	63.000	47	2Bet CMa	1.9760	28000.	126	17787	No
122	GOM_NL__2PRFIN20050725_174801_000000562039_00198_17787_5423.N1	25-JUL-2005 17:48:01	Dark	56.000	177	1Zet CMa	3.0220	26000.	112	17787	No
123	GOM_NL__2PRFIN20050725_180434_000000642039_00199_17788_5412.N1	25-JUL-2005 18:04:34	Dark	64.000	135	Bet Hyi	2.8200	5800.0	128	17788	No
124	GOM_NL__2PRFIN20050725_181237_000000662039_00199_17788_5413.N1	25-JUL-2005 18:12:37	Straylight	65.500	45	Alp Pav	1.9400	26000.	131	17788	No
125	GOM_NL__2PRFIN20050725_182018_000000662039_00199_17788_5414.N1	25-JUL-2005 18:20:18	Bright	65.500	38	20Eps Sgr	1.8360	11000.	131	17788	No
126	GOM_NL__2PRFIN20050725_182245_000000642039_00199_17788_5415.N1	25-JUL-2005 18:22:45	Bright	64.000	137	22Lam Sgr	2.8240	4400.0	128	17788	No
127	GOM_NL__2PRFIN20050725_183133_000000632039_00199_17788_5416.N1	25-JUL-2005 18:31:33	Bright	62.500	126	60Bet Oph	2.7700	4250.0	125	17788	No
128	GOM_NL__2PRFIN20050725_183353_000000642039_00199_17788_5417.N1	25-JUL-2005 18:33:53	Bright	64.000	59	55Alp Oph	2.0800	8900.0	128	17788	No
129	GOM_NL__2PRFIN20050725_184417_000000652039_00199_17788_5418.N1	25-JUL-2005 18:44:17	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17788	No
130	GOM_NL__2PRFIN20050725_184800_000000642039_00199_17788_5419.N1	25-JUL-2005 18:48:00	Bright	63.500	119	14Eta Dra	2.7270	4700.0	127	17788	No
131	GOM_NL__2PRFIN20050725_185214_000000642039_00199_17788_5420.N1	25-JUL-2005 18:52:14	Bright	64.000	60	7Bet UMi	2.0810	3950.0	128	17788	No
132	GOM_NL__2PRFIN20050725_192109_000000662039_00199_17788_5421.N1	25-JUL-2005 19:21:09	Dark	66.000	30	46Eps Ori	1.6940	30000.	132	17788	No
133	GOM_NL__2PRFIN20050725_192319_000000632039_00199_17788_5422.N1	25-JUL-2005 19:23:19	Dark	63.000	56	53Kap Ori	2.0650	30000.	126	17788	No
134	GOM_NL__2PRFIN20050725_192514_000000622039_00199_17788_5423.N1	25-JUL-2005 19:25:14	Dark	62.000	47	2Bet CMa	1.9760	28000.	124	17788	No
135	GOM_NL__2PRFIN20050725_192837_000000652039_00199_17788_5424.N1	25-JUL-2005 19:28:37	Dark	65.000	177	1Zet CMa	3.0220	26000.	130	17788	No
136	GOM_NL__2PRFIN20050725_194510_000000682039_00200_17789_5413.N1	25-JUL-2005 19:45:10	Dark	67.500	135	Bet Hyi	2.8200	5800.0	135	17789	No
137	GOM_NL__2PRFIN20050725_195313_000000662039_00200_17789_5414.N1	25-JUL-2005 19:53:13	Straylight	66.000	45	Alp Pav	1.9400	26000.	132	17789	No
138	GOM_NL__2PRFIN20050725_200054_000000662039_00200_17789_5415.N1	25-JUL-2005 20:00:54	Bright	66.000	38	20Eps Sgr	1.8360	11000.	132	17789	No
139	GOM_NL__2PRFIN20050725_200321_000000652039_00200_17789_5416.N1	25-JUL-2005 20:03:21	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17789	No
140	GOM_NL__2PRFIN20050725_201209_000000652039_00200_17789_5417.N1	25-JUL-2005 20:12:09	Bright	64.500	126	60Bet Oph	2.7700	4250.0	129	17789	No
141	GOM_NL__2PRFIN20050725_201429_000000642039_00200_17789_5418.N1	25-JUL-2005 20:14:29	Bright	63.500	59	55Alp Oph	2.0800	8900.0	127	17789	No
142	GOM_NL__2PRFIN20050725_202453_000000632039_00200_17789_5419.N1	25-JUL-2005 20:24:53	Bright	63.000	69	33Gam Dra	2.2310	3800.0	126	17789	No
143	GOM_NL__2PRFIN20050725_202837_000000632039_00200_17789_5420.N1	25-JUL-2005 20:28:37	Bright	63.000	119	14Eta Dra	2.7270	4700.0	126	17789	No
144	GOM_NL__2PRFIN20050725_203250_000000642039_00200_17789_5421.N1	25-JUL-2005 20:32:50	Bright	63.500	60	7Bet UMi	2.0810	3950.0	127	17789	No
145	GOM_NL__2PRFIN20050725_210145_000000642039_00200_17789_5422.N1	25-JUL-2005 21:01:45	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	17789	No
146	GOM_NL__2PRFIN20050725_210355_000000622039_00200_17789_5423.N1	25-JUL-2005 21:03:55	Dark	61.500	56	53Kap Ori	2.0650	30000.	123	17789	No
147	GOM_NL__2PRFIN20050725_210550_000000622039_00200_17789_5424.N1	25-JUL-2005 21:05:50	Dark	62.000	47	2Bet CMa	1.9760	28000.	124	17789	No
148	GOM_NL__2PRFIN20050725_210913_000000662039_00200_17789_5425.N1	25-JUL-2005 21:09:13	Dark	65.500	177	1Zet CMa	3.0220	26000.	131	17789	No
149	GOM_NL__2PRFIN20050725_212546_000000632039_00201_17790_5414.N1	25-JUL-2005 21:25:46	Dark	62.500	135	Bet Hyi	2.8200	5800.0	125	17790	No
150	GOM_NL__2PRFIN20050725_213349_000000682039_00201_17790_5415.N1	25-JUL-2005 21:33:49	Straylight	67.500	45	Alp Pav	1.9400	26000.	135	17790	No
151	GOM_NL__2PRFIN20050725_214130_000000762039_00201_17790_5416.N1	25-JUL-2005 21:41:30	Bright	75.500	38	20Eps Sgr	1.8360	11000.	151	17790	No
152	GOM_NL__2PRFIN20050725_214357_000000652039_00201_17790_5417.N1	25-JUL-2005 21:43:57	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17790	No
153	GOM_NL__2PRFIN20050725_215245_000000642039_00201_17790_5418.N1	25-JUL-2005 21:52:45	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17790	No
154	GOM_NL__2PRFIN20050725_215505_000000652039_00201_17790_5419.N1	25-JUL-2005 21:55:05	Bright	65.000	59	55Alp Oph	2.0800	8900.0	130	17790	No
155	GOM_NL__2PRFIN20050725_220529_000000652039_00201_17790_5420.N1	25-JUL-2005 22:05:29	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17790	No
156	GOM_NL__2PRFIN20050725_220913_000000652039_00201_17790_5421.N1	25-JUL-2005 22:09:13	Bright	65.000	119	14Eta Dra	2.7270	4700.0	130	17790	No
157	GOM_NL__2PRFIN20050725_221326_000000592039_00201_17790_5422.N1	25-JUL-2005 22:13:26	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	17790	No
158	GOM_NL__2PRFIN20050725_224221_000000632039_00201_17790_5423.N1	25-JUL-2005 22:42:21	Dark	63.000	30	46Eps Ori	1.6940	30000.	126	17790	No
159	GOM_NL__2PRFIN20050725_224431_000000632039_00201_17790_5424.N1	25-JUL-2005 22:44:31	Dark	62.500	56	53Kap Ori	2.0650	30000.	125	17790	No
160	GOM_NL__2PRFIN20050725_224626_000000652039_00201_17790_5425.N1	25-JUL-2005 22:46:26	Dark	64.500	47	2Bet CMa	1.9760	28000.	129	17790	No

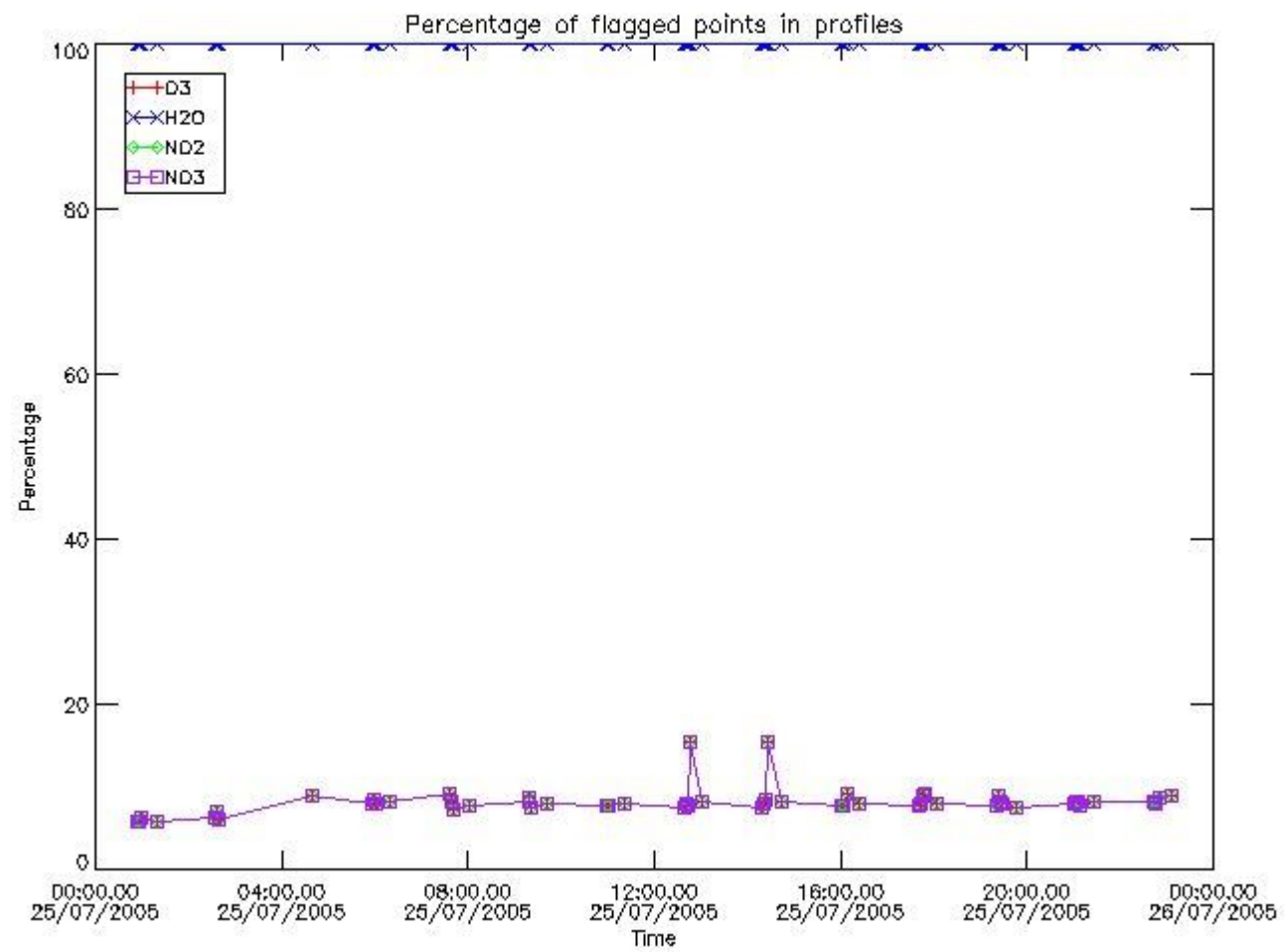


161	GOM_NL__2PRFIN20050725_224949_000000642039_00201_17790_5426.N1	25-JUL-2005 22:49:49	Dark	64.000	177	1Zet CMa	3.0220	26000.	128	17790	No
162	GOM_NL__2PRFIN20050725_230622_000000642039_00202_17791_5414.N1	25-JUL-2005 23:06:22	Dark	63.500	135	Bet Hyi	2.8200	5800.0	127	17791	No
163	GOM_NL__2PRFIN20050725_231425_000000712039_00202_17791_5415.N1	25-JUL-2005 23:14:25	Straylight	71.000	45	Alp Pav	1.9400	26000.	142	17791	No
164	GOM_NL__2PRFIN20050725_232206_000000662039_00202_17791_5416.N1	25-JUL-2005 23:22:06	Bright	66.000	38	20Eps Sgr	1.8360	11000.	132	17791	No
165	GOM_NL__2PRFIN20050725_232433_000000632039_00202_17791_5417.N1	25-JUL-2005 23:24:33	Bright	63.000	137	22Lam Sgr	2.8240	4400.0	126	17791	No
166	GOM_NL__2PRFIN20050725_233321_000000642039_00202_17791_5418.N1	25-JUL-2005 23:33:21	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17791	No
167	GOM_NL__2PRFIN20050725_233541_000000652039_00202_17791_5419.N1	25-JUL-2005 23:35:41	Bright	65.000	59	55Alp Oph	2.0800	8900.0	130	17791	No
168	GOM_NL__2PRFIN20050725_234605_000000652039_00202_17791_5420.N1	25-JUL-2005 23:46:05	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17791	No
169	GOM_NL__2PRFIN20050725_234949_000000632039_00202_17791_5421.N1	25-JUL-2005 23:49:49	Bright	62.500	119	14Eta Dra	2.7270	4700.0	125	17791	No
170	GOM_NL__2PRFIN20050725_235402_000000612039_00202_17791_5422.N1	25-JUL-2005 23:54:02	Bright	61.000	60	7Bet UMi	2.0810	3950.0	122	17791	No

### 3. Quality information per product

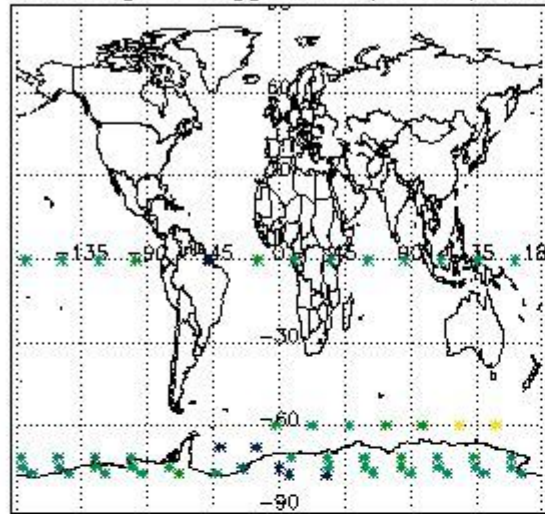
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

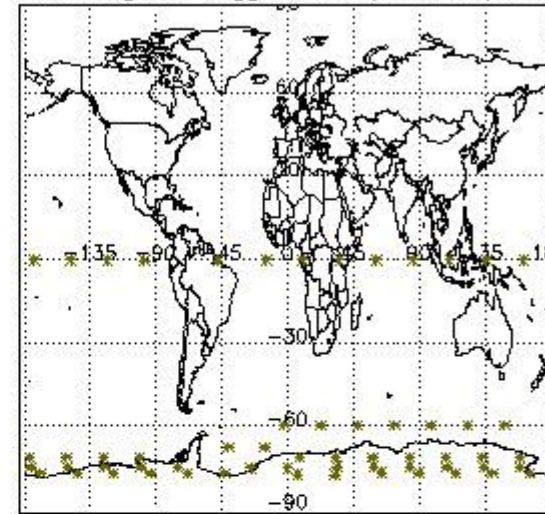


#### 3.2 Plot quality information per product (world map)

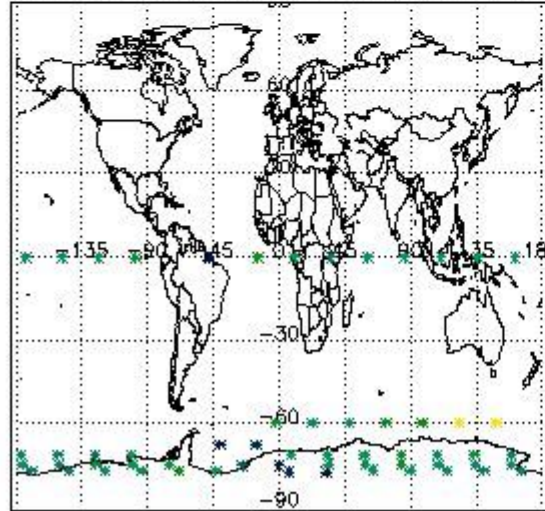
Percentage of flagged data per O3 profile



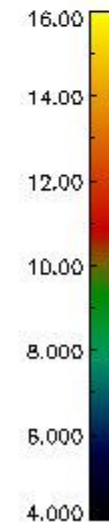
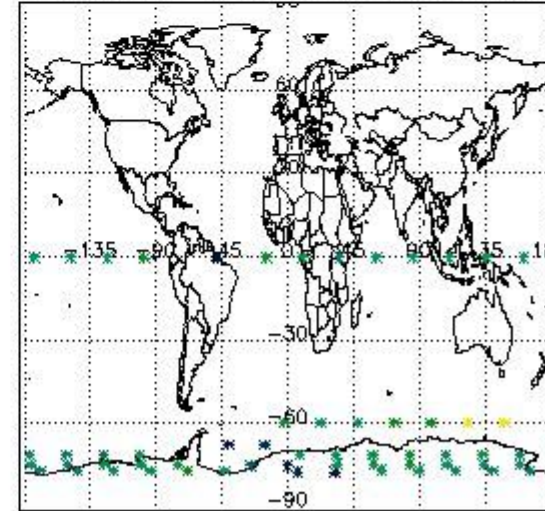
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

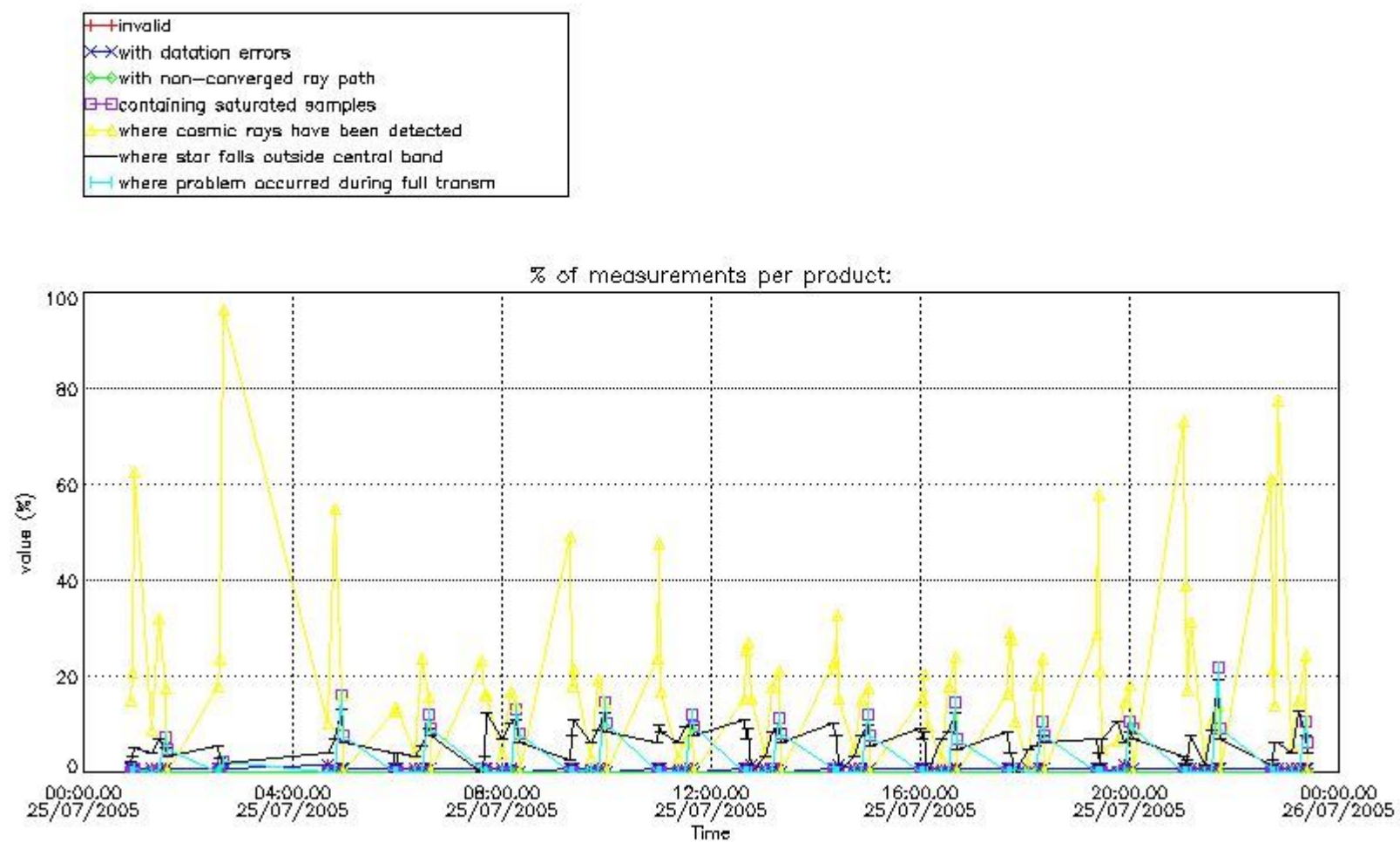


#### 4. Level 1 quality information per product

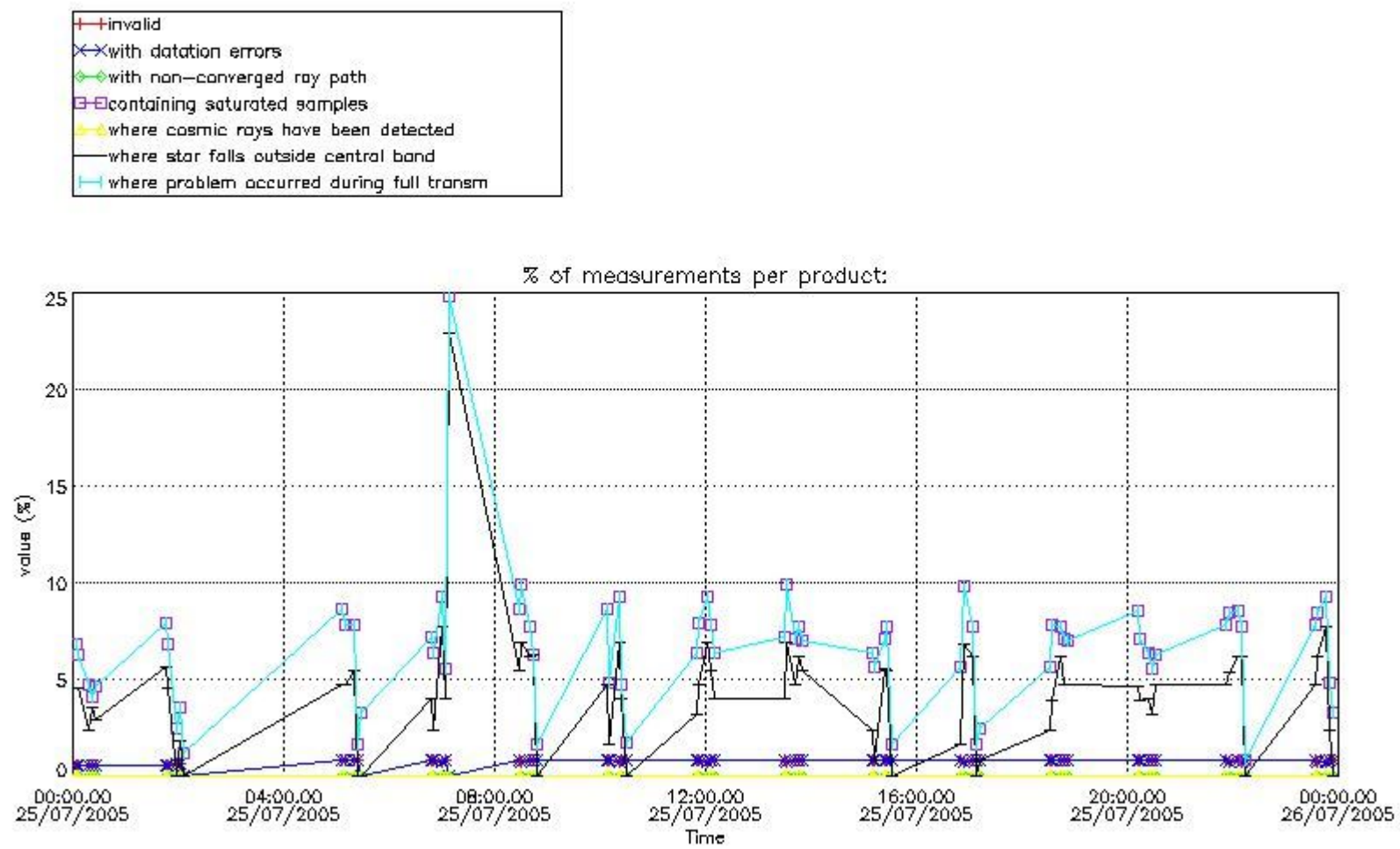
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



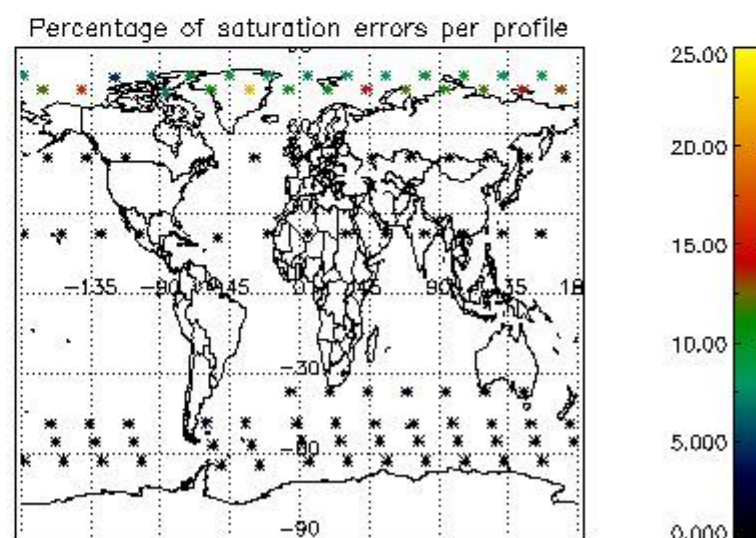
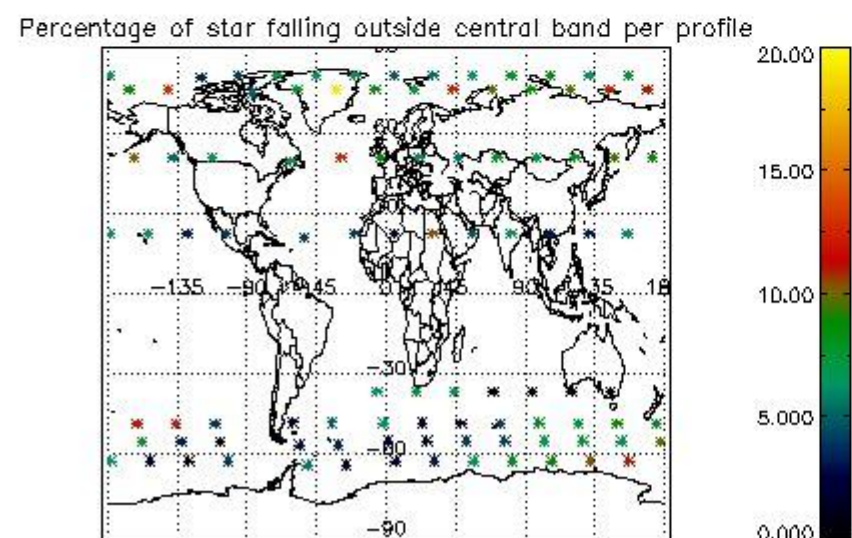
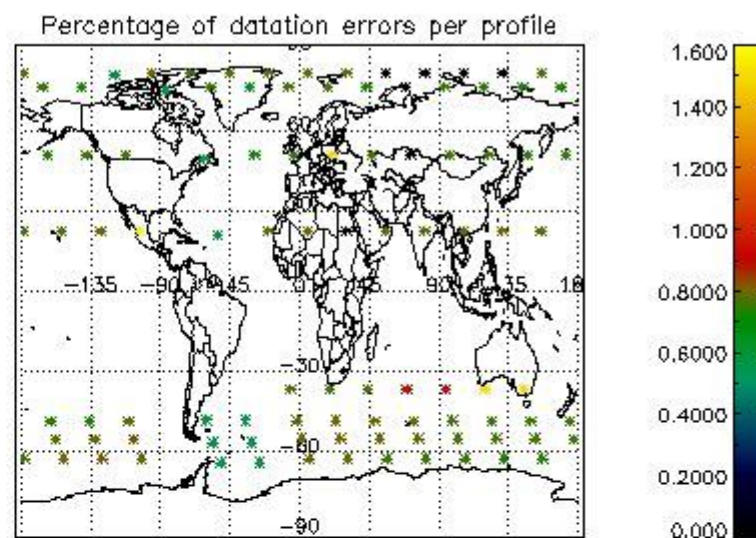
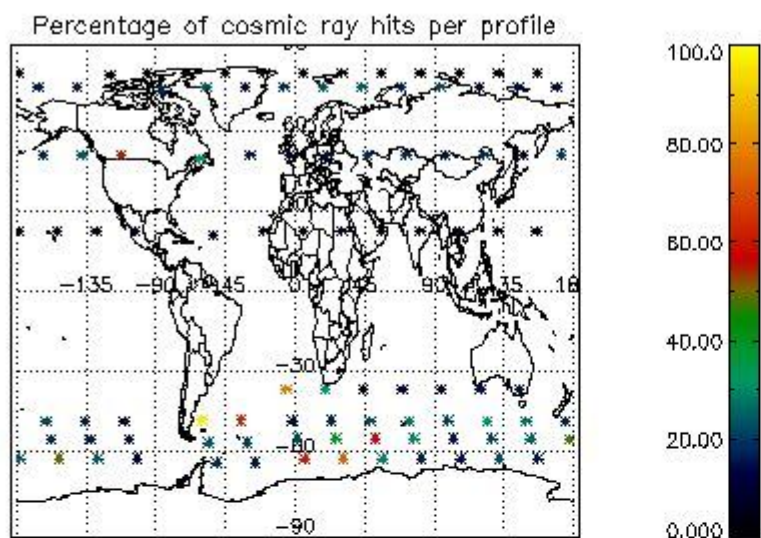
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



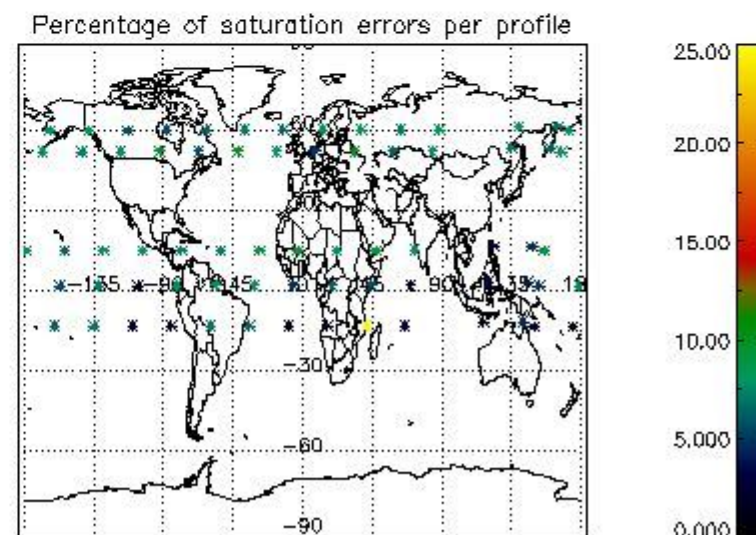
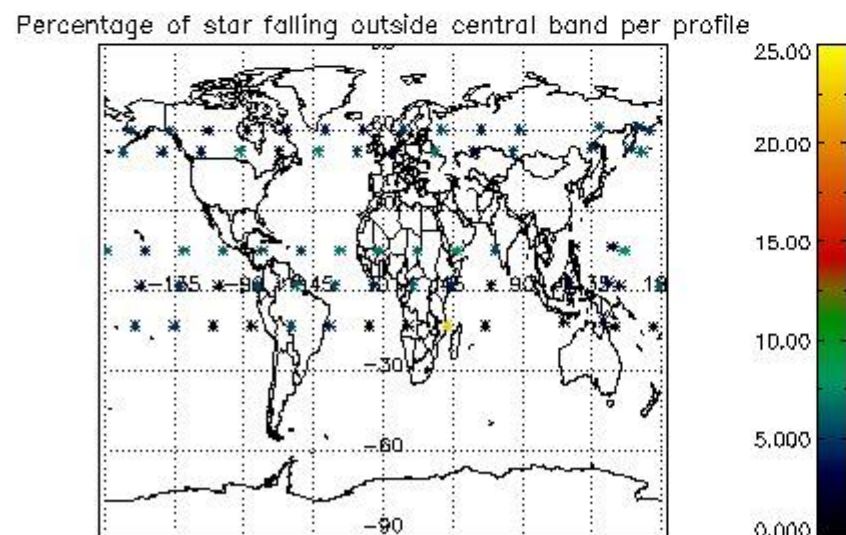
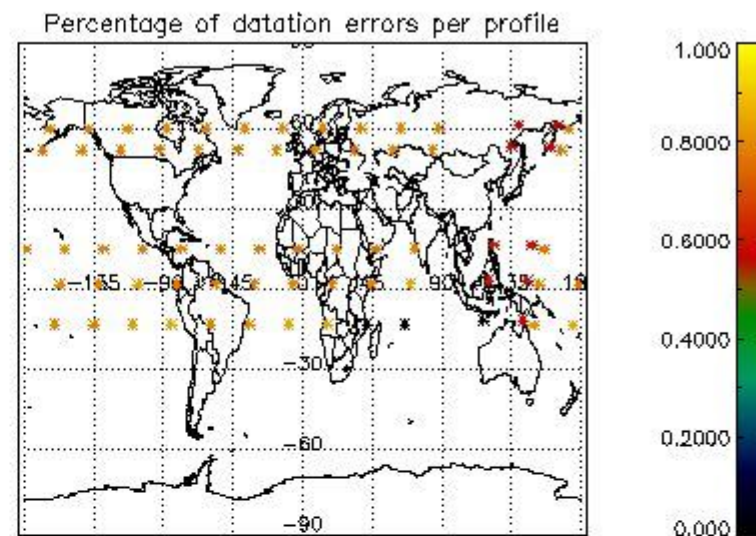
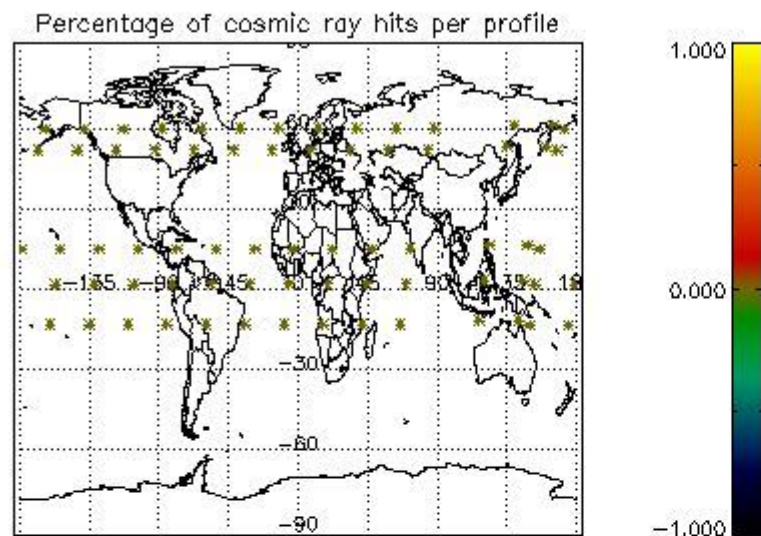
4.2 Plot quality information per product coming from level 1b processing (world map)

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.

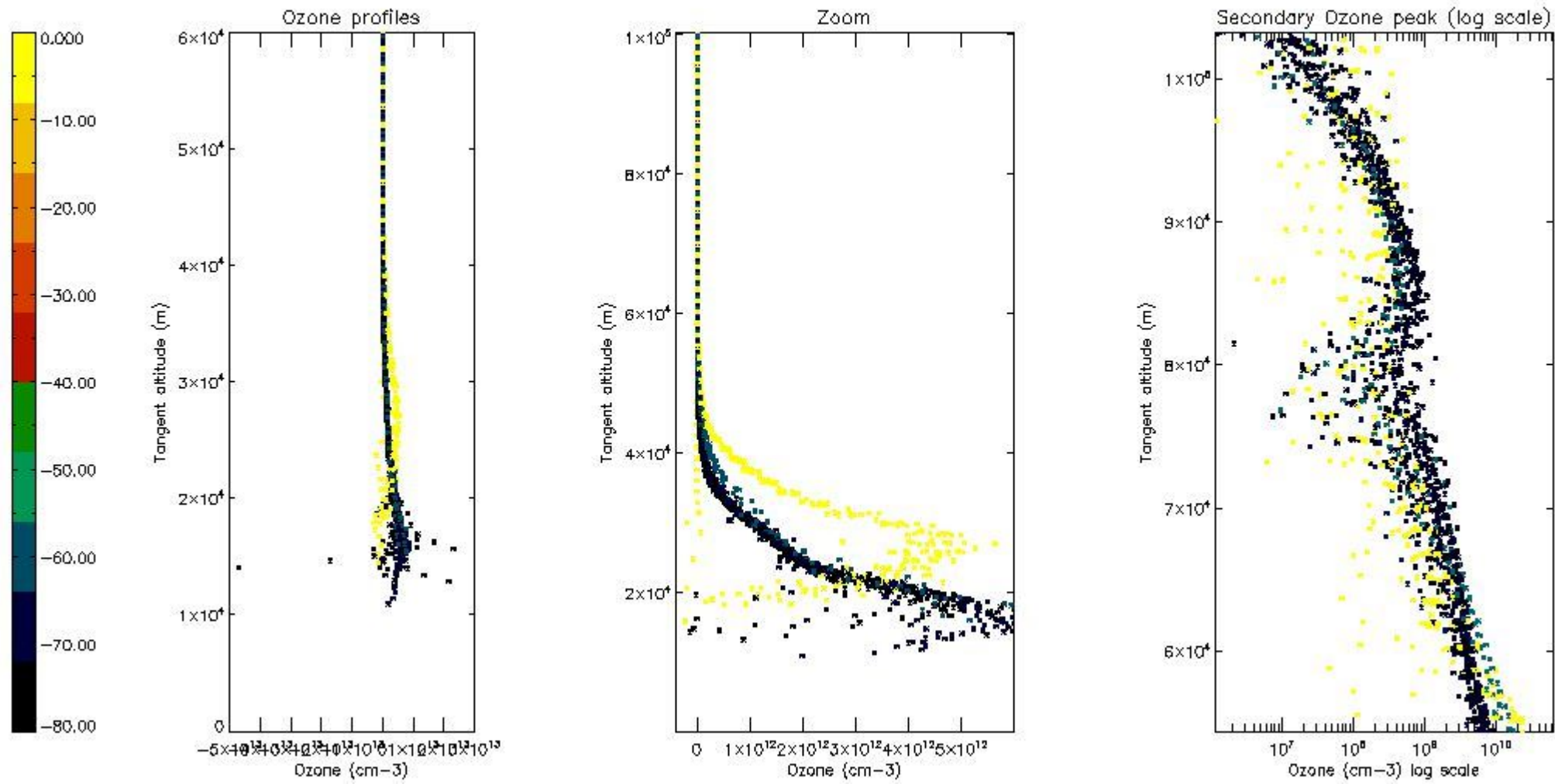
Criteria	% of total production
All STD	35
STD < 20	12



STD < 10	10
STD < 5	8

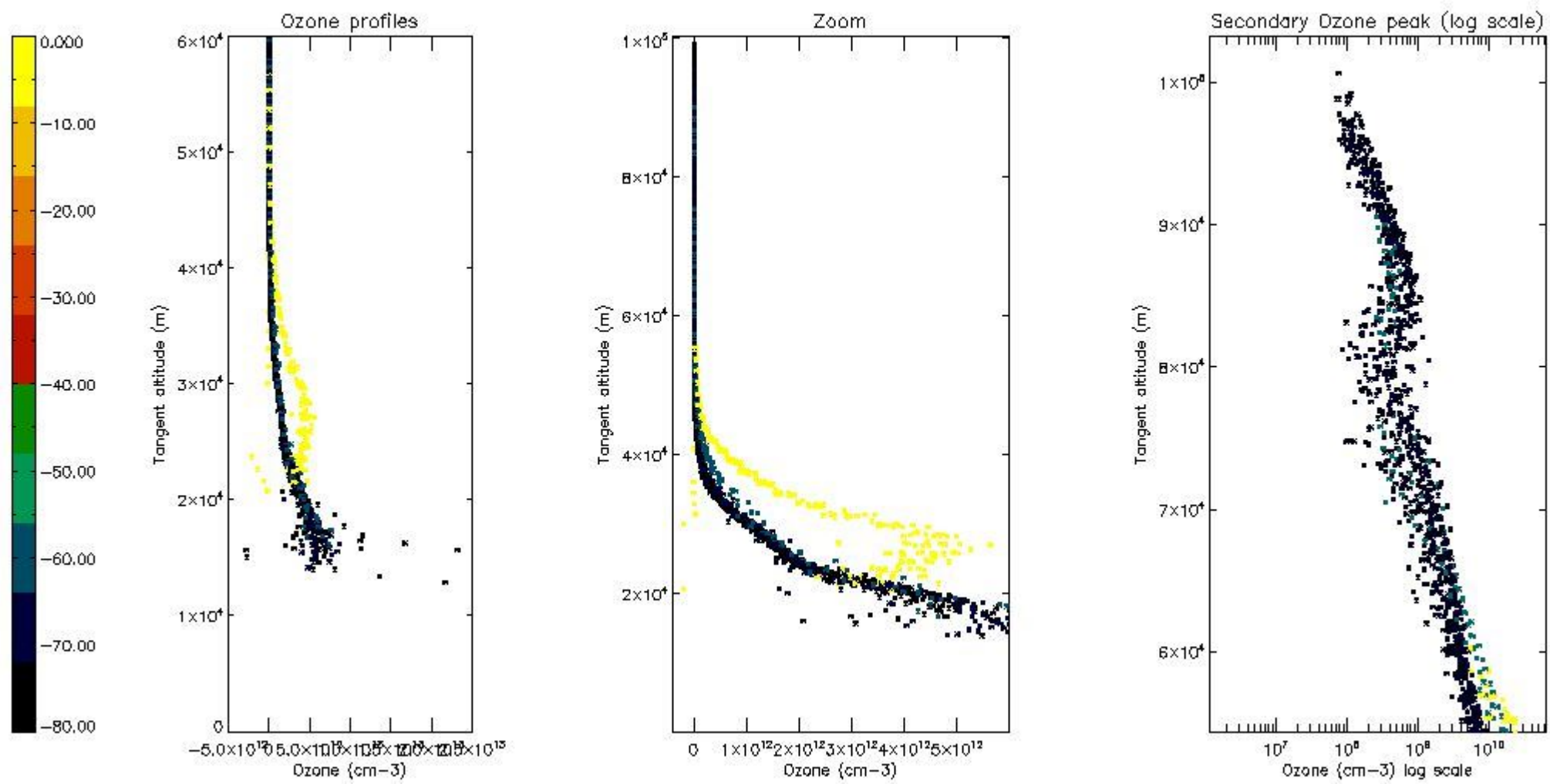
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

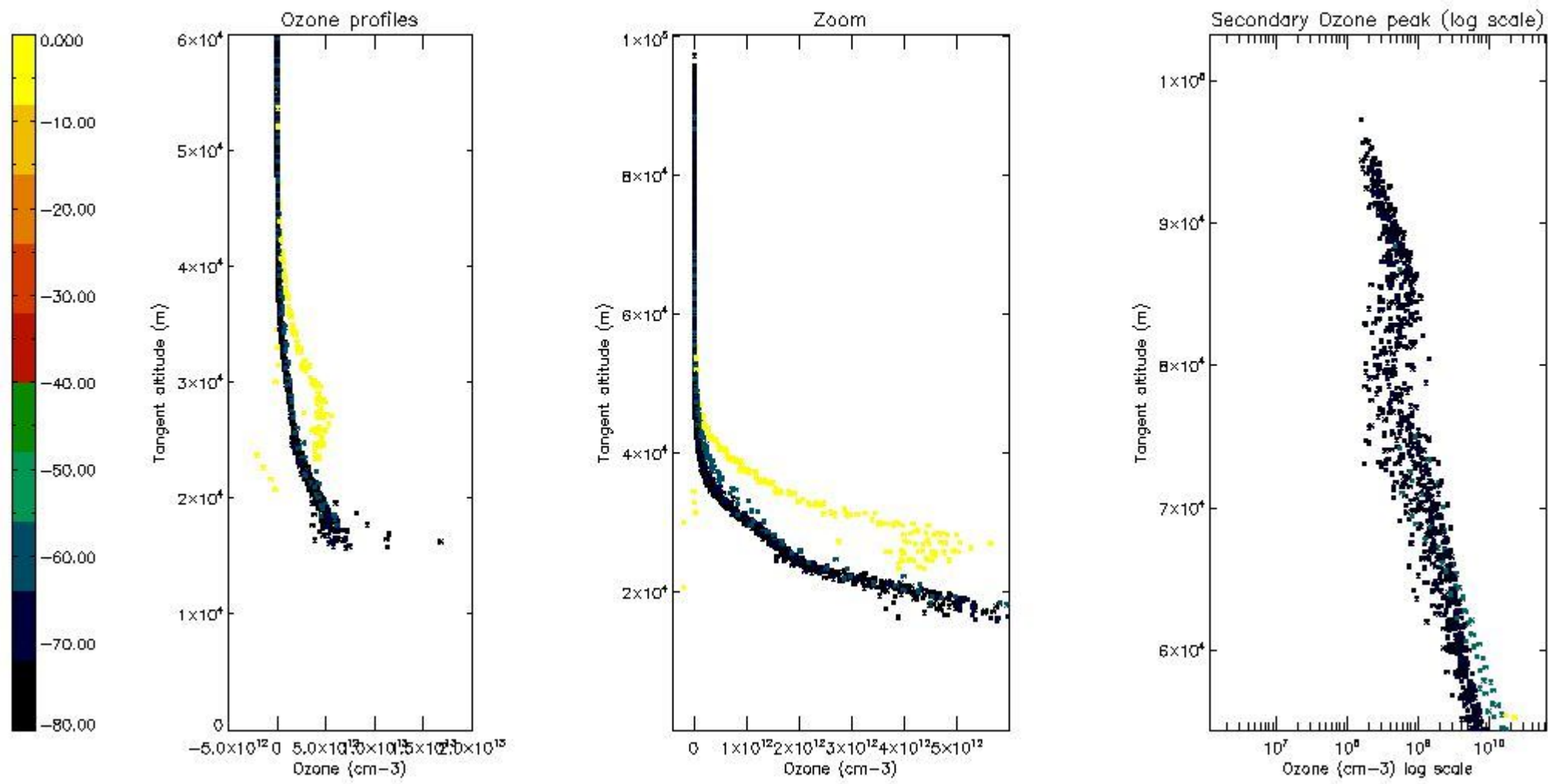
The colorbar represents the latitude.



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

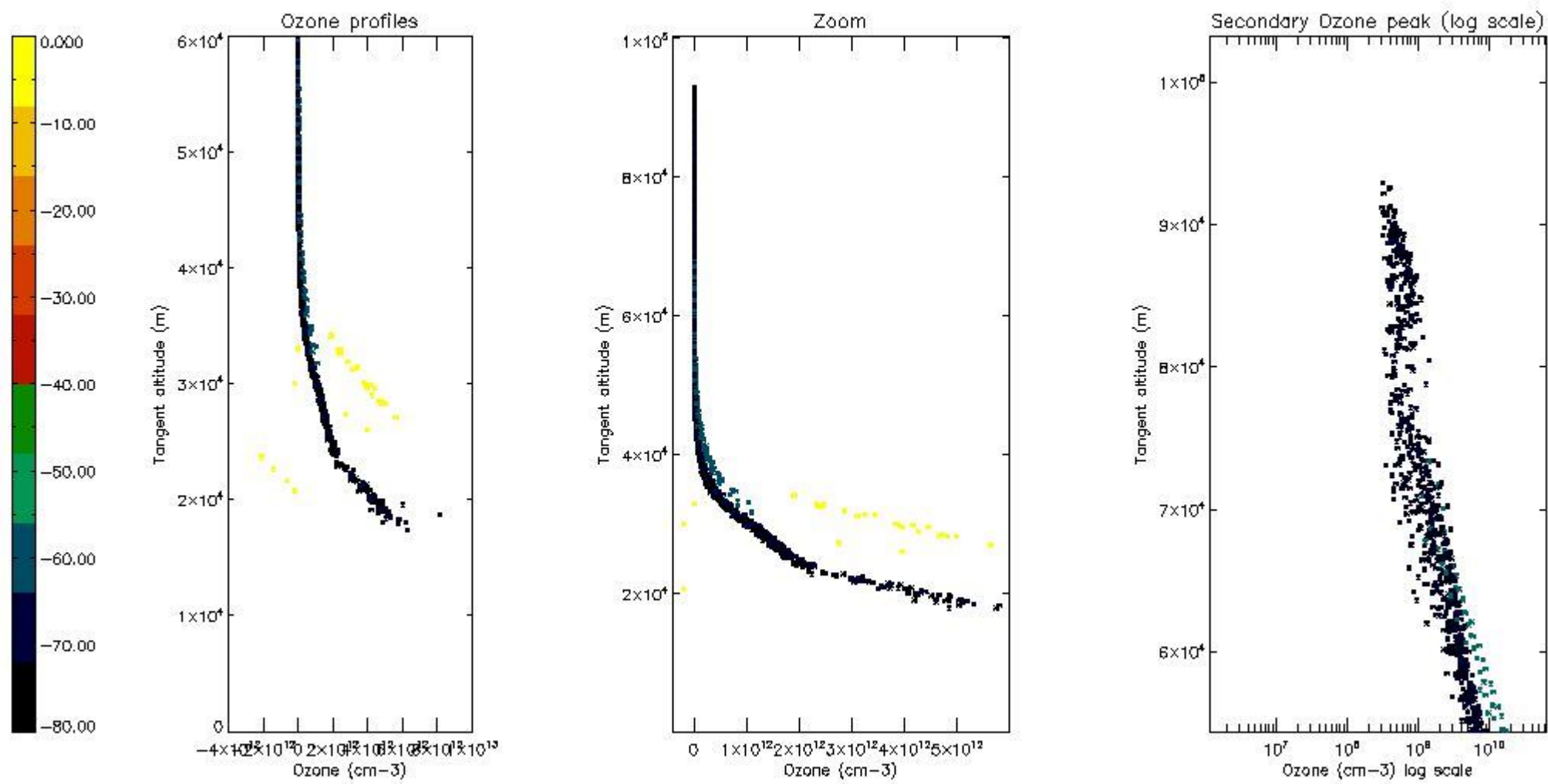
The colorbar represents the latitude.





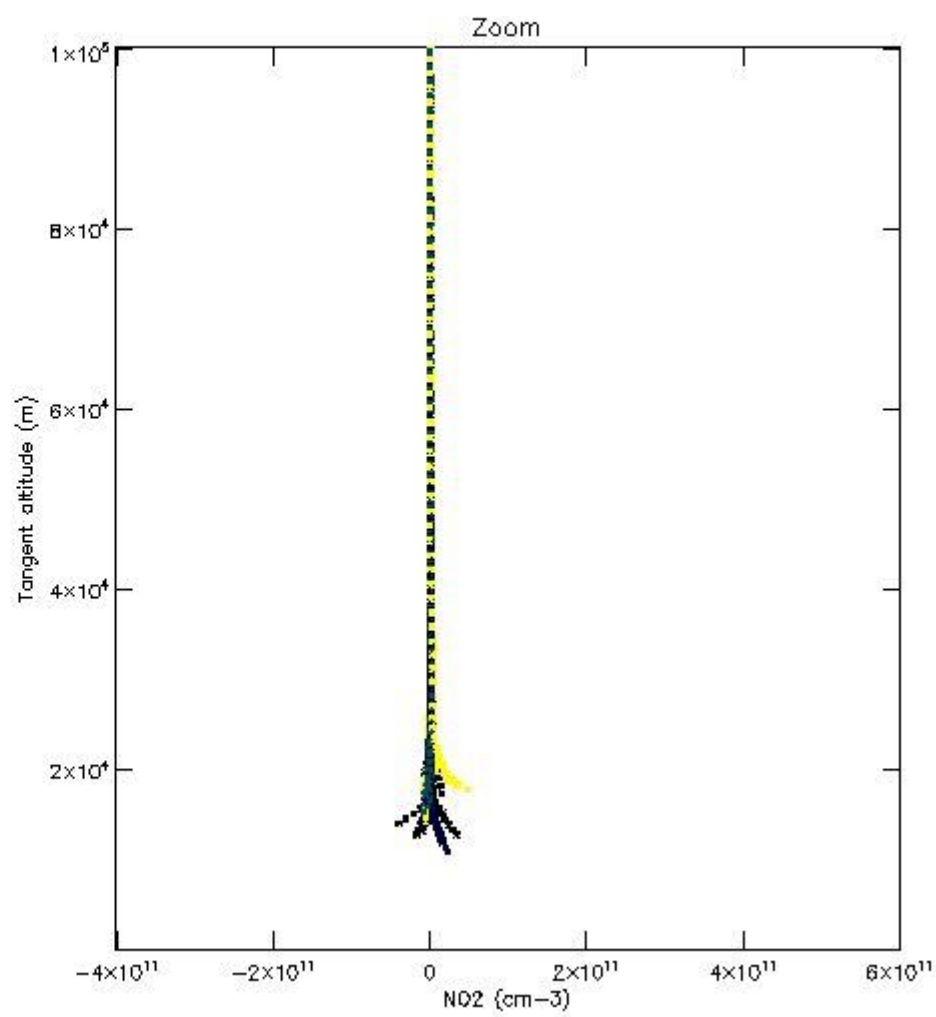
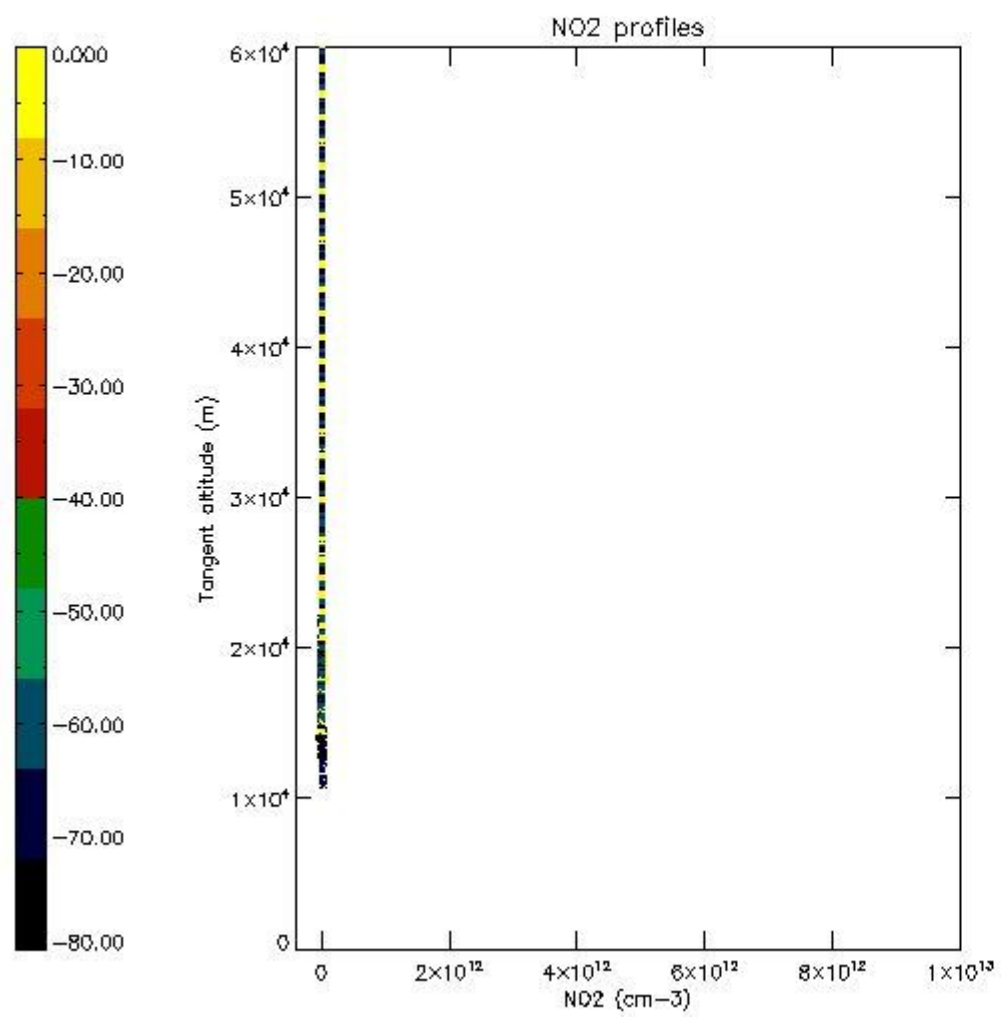
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



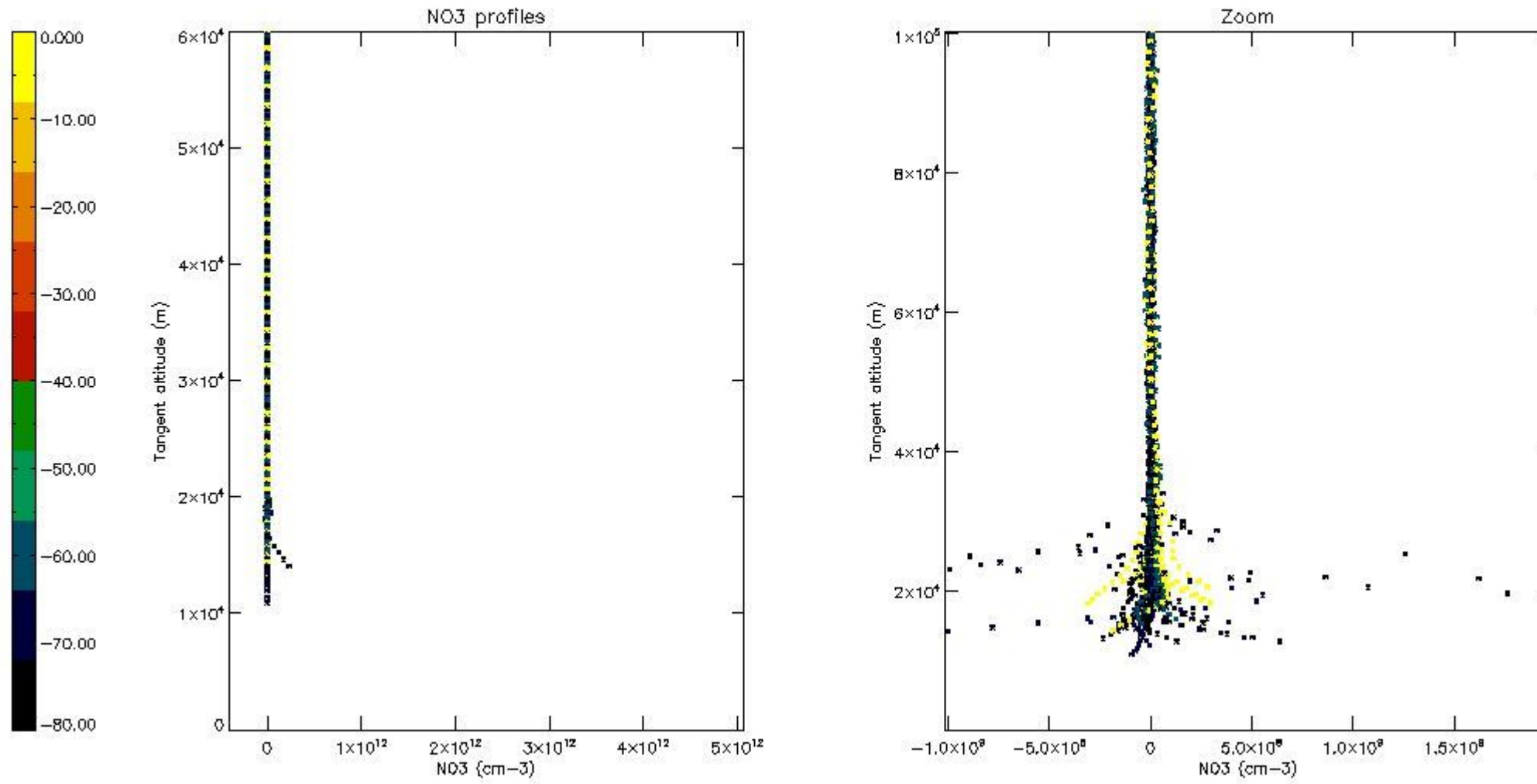
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

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	25-JUL-2005 00:04:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2005 00:04:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2005 00:04:32



# GOMOS Level 2 Daily Report

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### [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 10:08:10
Data source version	GOMOS/6.01
Start time of products	25-07-2005 (25JUL2005 00:00:00)
Stop time of products	26-07-2005 (26JUL2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
Nb of prods with errors	2

## 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__2PRFIN20050725_000432_000000882039_00188_17777_5031.N1	25-JUL-2005 00:04:32	Bright	87.500	126	60Bet Oph	2.7700	4250.0	175	17777	No
2	GOM_NL__2PRFIN20050725_000652_000000882039_00188_17777_5032.N1	25-JUL-2005 00:06:52	Bright	87.500	59	55Alp Oph	2.0800	8900.0	175	17777	No
3	GOM_NL__2PRFIN20050725_001718_000000852039_00188_17777_5033.N1	25-JUL-2005 00:17:18	Bright	85.000	69	33Gam Dra	2.2310	3800.0	170	17777	No
4	GOM_NL__2PRFIN20050725_002100_000000862039_00188_17777_5034.N1	25-JUL-2005 00:21:00	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17777	No
5	GOM_NL__2PRFIN20050725_002513_000000872039_00188_17777_5035.N1	25-JUL-2005 00:25:13	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17777	No
6	GOM_NL__2PRFIN20050725_005407_000000872039_00188_17777_5036.N1	25-JUL-2005 00:54:07	Dark	87.000	30	46Eps Ori	1.6940	30000.	174	17777	No
7	GOM_NL__2PRFIN20050725_005617_000000882039_00188_17777_5037.N1	25-JUL-2005 00:56:17	Dark	87.500	56	53Kap Ori	2.0650	30000.	175	17777	No
8	GOM_NL__2PRFIN20050725_005844_000000902039_00188_17777_5038.N1	25-JUL-2005 00:58:44	Dark	89.500	101	11Alp Lep	2.5820	7000.0	179	17777	No
9	GOM_NL__2PRFIN20050725_011810_000000872039_00189_17778_5027.N1	25-JUL-2005 01:18:10	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17778	No
10	GOM_NL__2PRFIN20050725_012611_000000932039_00189_17778_5028.N1	25-JUL-2005 01:26:11	Straylight	92.500	45	Alp Pav	1.9400	26000.	185	17778	No
11	GOM_NL__2PRFIN20050725_013353_000000902039_00189_17778_5029.N1	25-JUL-2005 01:33:53	Bright	89.500	38	20Eps Sgr	1.8360	11000.	179	17778	No
12	GOM_NL__2PRFIN20050725_013620_000000872039_00189_17778_5030.N1	25-JUL-2005 01:36:20	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17778	No
13	GOM_NL__2PRFIN20050725_014508_000000892039_00189_17778_5031.N1	25-JUL-2005 01:45:08	Bright	88.500	126	60Bet Oph	2.7700	4250.0	177	17778	No
14	GOM_NL__2PRFIN20050725_014728_000000882039_00189_17778_5032.N1	25-JUL-2005 01:47:28	Bright	87.500	59	55Alp Oph	2.0800	8900.0	175	17778	No
15	GOM_NL__2PRFIN20050725_015754_000000832039_00189_17778_5033.N1	25-JUL-2005 01:57:54	Bright	83.000	69	33Gam Dra	2.2310	3800.0	166	17778	No
16	GOM_NL__2PRFIN20050725_020136_000000852039_00189_17778_5034.N1	25-JUL-2005 02:01:36	Bright	84.500	119	14Eta Dra	2.7270	4700.0	169	17778	No
17	GOM_NL__2PRFIN20050725_020549_000000832039_00189_17778_5035.N1	25-JUL-2005 02:05:49	Bright	82.500	60	7Bet UMi	2.0810	3950.0	165	17778	No
18	GOM_NL__2PRFIN20050725_023443_000000902039_00189_17778_5036.N1	25-JUL-2005 02:34:43	Dark	89.500	30	46Eps Ori	1.6940	30000.	179	17778	No
19	GOM_NL__2PRFIN20050725_023653_000000872039_00189_17778_5037.N1	25-JUL-2005 02:36:53	Dark	87.000	56	53Kap Ori	2.0650	30000.	174	17778	No
20	GOM_NL__2PRFIN20050725_023920_000000872039_00189_17778_5038.N1	25-JUL-2005 02:39:20	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17778	No
21	GOM_NL__2PRFIN20050725_043944_000000642039_00191_17780_5027.N1	25-JUL-2005 04:39:44	Dark	63.500	135	Bet Hyi	2.8200	5800.0	127	17780	No
22	GOM_NL__2PRFIN20050725_044747_000000672039_00191_17780_5028.N1	25-JUL-2005 04:47:47	Straylight	66.500	45	Alp Pav	1.9400	26000.	133	17780	No
23	GOM_NL__2PRFIN20050725_045529_000000702039_00191_17780_5029.N1	25-JUL-2005 04:55:29	Bright	69.500	38	20Eps Sgr	1.8360	11000.	139	17780	No
24	GOM_NL__2PRFIN20050725_045756_000000642039_00191_17780_5030.N1	25-JUL-2005 04:57:56	Bright	64.000	137	22Lam Sgr	2.8240	4400.0	128	17780	No
25	GOM_NL__2PRFIN20050725_050644_000000642039_00191_17780_5031.N1	25-JUL-2005 05:06:44	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17780	No
26	GOM_NL__2PRFIN20050725_050903_000000642039_00191_17780_5032.N1	25-JUL-2005 05:09:03	Bright	64.000	59	55Alp Oph	2.0800	8900.0	128	17780	No
27	GOM_NL__2PRFIN20050725_051929_000000642039_00191_17780_5033.N1	25-JUL-2005 05:19:29	Bright	64.000	69	33Gam Dra	2.2310	3800.0	128	17780	No
28	GOM_NL__2PRFIN20050725_052311_000000602039_00191_17780_5034.N1	25-JUL-2005 05:23:11	Bright	59.500	119	14Eta Dra	2.7270	4700.0	119	17780	No
29	GOM_NL__2PRFIN20050725_052724_000000612039_00191_17780_5035.N1	25-JUL-2005 05:27:24	Bright	60.500	60	7Bet UMi	2.0810	3950.0	121	17780	No
30	GOM_NL__2PRFIN20050725_055620_000000642039_00191_17780_5036.N1	25-JUL-2005 05:56:20	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	17780	No
31	GOM_NL__2PRFIN20050725_055830_000000602039_00191_17780_5037.N1	25-JUL-2005 05:58:30	Dark	60.000	56	53Kap Ori	2.0650	30000.	120	17780	No
32	GOM_NL__2PRFIN20050725_060026_000000642039_00191_17780_5038.N1	25-JUL-2005 06:00:26	Dark	63.500	47	2Bet CMa	1.9760	28000.	127	17780	No
33	GOM_NL__2PRFIN20050725_062021_000000632039_00192_17781_5382.N1	25-JUL-2005 06:20:21	Dark	63.000	135	Bet Hyi	2.8200	5800.0	126	17781	No
34	GOM_NL__2PRFIN20050725_062823_000000662039_00192_17781_5383.N1	25-JUL-2005 06:28:23	Straylight	65.500	45	Alp Pav	1.9400	26000.	131	17781	No
35	GOM_NL__2PRFIN20050725_063605_000000672039_00192_17781_5384.N1	25-JUL-2005 06:36:05	Bright	67.000	38	20Eps Sgr	1.8360	11000.	134	17781	No
36	GOM_NL__2PRFIN20050725_063832_000000652039_00192_17781_5385.N1	25-JUL-2005 06:38:32	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17781	No
37	GOM_NL__2PRFIN20050725_064720_000000632039_00192_17781_5386.N1	25-JUL-2005 06:47:20	Bright	63.000	126	60Bet Oph	2.7700	4250.0	126	17781	No
38	GOM_NL__2PRFIN20050725_064940_000000632039_00192_17781_5387.N1	25-JUL-2005 06:49:40	Bright	62.500	59	55Alp Oph	2.0800	8900.0	125	17781	No
39	GOM_NL__2PRFIN20050725_070005_000000652039_00192_17781_5388.N1	25-JUL-2005 07:00:05	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17781	No
40	GOM_NL__2PRFIN20050725_070347_000000632039_00192_17781_5389.N1	25-JUL-2005 07:03:47	Bright	63.000	119	14Eta Dra	2.7270	4700.0	126	17781	No
41	GOM_NL__2PRFIN20050725_070801_000000792039_00192_17781_5390.N1	25-JUL-2005 07:08:01	Bright	78.500	60	7Bet UMi	2.0810	3950.0	157	17781	No
42	GOM_NL__2PRFIN20050725_073656_000000612039_00192_17781_5391.N1	25-JUL-2005 07:36:56	Dark	60.500	30	46Eps Ori	1.6940	30000.	121	17781	No

43	GOM_NL__2PRFIN20050725_073906_000000632039_00192_17781_5392.N1	25-JUL-2005 07:39:06	Dark	62.500	56	53Kap Ori	2.0650	30000.	125	17781	No
44	GOM_NL__2PRFIN20050725_074102_000000702039_00192_17781_5393.N1	25-JUL-2005 07:41:02	Dark	69.500	47	2Bet CMa	1.9760	28000.	139	17781	No
45	GOM_NL__2PRFIN20050725_080057_000000662039_00193_17782_5404.N1	25-JUL-2005 08:00:57	Dark	65.500	135	Bet Hyi	2.8200	5800.0	131	17782	No
46	GOM_NL__2PRFIN20050725_080900_000000692039_00193_17782_5405.N1	25-JUL-2005 08:09:00	Straylight	69.000	45	Alp Pav	1.9400	26000.	138	17782	No
47	GOM_NL__2PRFIN20050725_081642_000000682039_00193_17782_5406.N1	25-JUL-2005 08:16:42	Bright	68.000	38	20Eps Sgr	1.8360	11000.	136	17782	No
48	GOM_NL__2PRFIN20050725_081908_000000642039_00193_17782_5407.N1	25-JUL-2005 08:19:08	Bright	63.500	137	22Lam Sgr	2.8240	4400.0	127	17782	No
49	GOM_NL__2PRFIN20050725_082757_000000642039_00193_17782_5408.N1	25-JUL-2005 08:27:57	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17782	No
50	GOM_NL__2PRFIN20050725_083016_000000662039_00193_17782_5409.N1	25-JUL-2005 08:30:16	Bright	65.500	59	55Alp Oph	2.0800	8900.0	131	17782	No
51	GOM_NL__2PRFIN20050725_084041_000000652039_00193_17782_5410.N1	25-JUL-2005 08:40:41	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17782	No
52	GOM_NL__2PRFIN20050725_084423_000000642039_00193_17782_5411.N1	25-JUL-2005 08:44:23	Bright	64.000	119	14Eta Dra	2.7270	4700.0	128	17782	No
53	GOM_NL__2PRFIN20050725_084837_000000602039_00193_17782_5412.N1	25-JUL-2005 08:48:37	Bright	59.500	60	7Bet UMi	2.0810	3950.0	119	17782	No
54	GOM_NL__2PRFIN20050725_091732_000000622039_00193_17782_5413.N1	25-JUL-2005 09:17:32	Dark	62.000	30	46Eps Ori	1.6940	30000.	124	17782	No
55	GOM_NL__2PRFIN20050725_091942_000000652039_00193_17782_5414.N1	25-JUL-2005 09:19:42	Dark	65.000	56	53Kap Ori	2.0650	30000.	130	17782	No
56	GOM_NL__2PRFIN20050725_092138_000000682039_00193_17782_5415.N1	25-JUL-2005 09:21:38	Dark	68.000	47	2Bet CMa	1.9760	28000.	136	17782	No
57	GOM_NL__2PRFIN20050725_092501_000000102039_00193_17782_5416.N1	25-JUL-2005 09:25:01	Dark	10.000	177	1Zet CMa	3.0220	26000.	20	17782	Yes
58	GOM_NL__2PRFIN20050725_094133_000000652039_00194_17783_5407.N1	25-JUL-2005 09:41:33	Dark	65.000	135	Bet Hyi	2.8200	5800.0	130	17783	No
59	GOM_NL__2PRFIN20050725_094936_000000682039_00194_17783_5408.N1	25-JUL-2005 09:49:36	Straylight	67.500	45	Alp Pav	1.9400	26000.	135	17783	No
60	GOM_NL__2PRFIN20050725_095718_000000692039_00194_17783_5409.N1	25-JUL-2005 09:57:18	Bright	69.000	38	20Eps Sgr	1.8360	11000.	138	17783	No
61	GOM_NL__2PRFIN20050725_095944_000000652039_00194_17783_5410.N1	25-JUL-2005 09:59:44	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17783	No
62	GOM_NL__2PRFIN20050725_100832_000000642039_00194_17783_5411.N1	25-JUL-2005 10:08:32	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17783	No
63	GOM_NL__2PRFIN20050725_101052_000000622039_00194_17783_5412.N1	25-JUL-2005 10:10:52	Bright	62.000	59	55Alp Oph	2.0800	8900.0	124	17783	No
64	GOM_NL__2PRFIN20050725_102117_000000652039_00194_17783_5413.N1	25-JUL-2005 10:21:17	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17783	No
65	GOM_NL__2PRFIN20050725_102459_000000632039_00194_17783_5414.N1	25-JUL-2005 10:24:59	Bright	63.000	119	14Eta Dra	2.7270	4700.0	126	17783	No
66	GOM_NL__2PRFIN20050725_102913_000000592039_00194_17783_5415.N1	25-JUL-2005 10:29:13	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	17783	No
67	GOM_NL__2PRFIN20050725_105808_000000662039_00194_17783_5416.N1	25-JUL-2005 10:58:08	Dark	65.500	30	46Eps Ori	1.6940	30000.	131	17783	No
68	GOM_NL__2PRFIN20050725_110018_000000672039_00194_17783_5417.N1	25-JUL-2005 11:00:18	Dark	67.000	56	53Kap Ori	2.0650	30000.	134	17783	No
69	GOM_NL__2PRFIN20050725_110214_000000662039_00194_17783_5418.N1	25-JUL-2005 11:02:14	Dark	66.000	47	2Bet CMa	1.9760	28000.	132	17783	No
70	GOM_NL__2PRFIN20050725_110537_000000102039_00194_17783_5419.N1	25-JUL-2005 11:05:37	Dark	10.000	177	1Zet CMa	3.0220	26000.	20	17783	Yes
71	GOM_NL__2PRFIN20050725_112209_000000652039_00195_17784_5408.N1	25-JUL-2005 11:22:09	Dark	65.000	135	Bet Hyi	2.8200	5800.0	130	17784	No
72	GOM_NL__2PRFIN20050725_113012_000000682039_00195_17784_5409.N1	25-JUL-2005 11:30:12	Straylight	68.000	45	Alp Pav	1.9400	26000.	136	17784	No
73	GOM_NL__2PRFIN20050725_113754_000000672039_00195_17784_5410.N1	25-JUL-2005 11:37:54	Bright	67.000	38	20Eps Sgr	1.8360	11000.	134	17784	No
74	GOM_NL__2PRFIN20050725_114020_000000652039_00195_17784_5411.N1	25-JUL-2005 11:40:20	Bright	64.500	137	22Lam Sgr	2.8240	4400.0	129	17784	No
75	GOM_NL__2PRFIN20050725_114908_000000632039_00195_17784_5412.N1	25-JUL-2005 11:49:08	Bright	63.000	126	60Bet Oph	2.7700	4250.0	126	17784	No
76	GOM_NL__2PRFIN20050725_115128_000000642039_00195_17784_5413.N1	25-JUL-2005 11:51:28	Bright	63.500	59	55Alp Oph	2.0800	8900.0	127	17784	No
77	GOM_NL__2PRFIN20050725_120153_000000652039_00195_17784_5414.N1	25-JUL-2005 12:01:53	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17784	No
78	GOM_NL__2PRFIN20050725_120536_000000642039_00195_17784_5415.N1	25-JUL-2005 12:05:36	Bright	64.000	119	14Eta Dra	2.7270	4700.0	128	17784	No
79	GOM_NL__2PRFIN20050725_120949_000000632039_00195_17784_5416.N1	25-JUL-2005 12:09:49	Bright	63.000	60	7Bet UMi	2.0810	3950.0	126	17784	No
80	GOM_NL__2PRFIN20050725_123844_000000682039_00195_17784_5417.N1	25-JUL-2005 12:38:44	Dark	68.000	30	46Eps Ori	1.6940	30000.	136	17784	No
81	GOM_NL__2PRFIN20050725_124054_000000652039_00195_17784_5418.N1	25-JUL-2005 12:40:54	Dark	65.000	56	53Kap Ori	2.0650	30000.	130	17784	No
82	GOM_NL__2PRFIN20050725_124250_000000672039_00195_17784_5419.N1	25-JUL-2005 12:42:50	Dark	67.000	47	2Bet CMa	1.9760	28000.	134	17784	No
83	GOM_NL__2PRFIN20050725_124613_000000332039_00195_17784_5420.N1	25-JUL-2005 12:46:13	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	17784	No
84	GOM_NL__2PRFIN20050725_130245_000000632039_00196_17785_5409.N1	25-JUL-2005 13:02:45	Dark	63.000	135	Bet Hyi	2.8200	5800.0	126	17785	No
85	GOM_NL__2PRFIN20050725_131048_000000672039_00196_17785_5410.N1	25-JUL-2005 13:10:48	Straylight	67.000	45	Alp Pav	1.9400	26000.	134	17785	No
86	GOM_NL__2PRFIN20050725_131830_000000672039_00196_17785_5411.N1	25-JUL-2005 13:18:30	Bright	66.500	38	20Eps Sgr	1.8360	11000.	133	17785	No
87	GOM_NL__2PRFIN20050725_132056_000000642039_00196_17785_5412.N1	25-JUL-2005 13:20:56	Bright	63.500	137	22Lam Sgr	2.8240	4400.0	127	17785	No
88	GOM_NL__2PRFIN20050725_132945_000000632039_00196_17785_5413.N1	25-JUL-2005 13:29:45	Bright	63.000	126	60Bet Oph	2.7700	4250.0	126	17785	No
89	GOM_NL__2PRFIN20050725_133204_000000662039_00196_17785_5414.N1	25-JUL-2005 13:32:04	Bright	65.500	59	55Alp Oph	2.0800	8900.0	131	17785	No
90	GOM_NL__2PRFIN20050725_134229_000000642039_00196_17785_5415.N1	25-JUL-2005 13:42:29	Bright	63.500	69	33Gam Dra	2.2310	3800.0	127	17785	No
91	GOM_NL__2PRFIN20050725_134612_000000652039_00196_17785_5416.N1	25-JUL-2005 13:46:12	Bright	64.500	119	14Eta Dra	2.7270	4700.0	129	17785	No
92	GOM_NL__2PRFIN20050725_135025_000000642039_00196_17785_5417.N1	25-JUL-2005 13:50:25	Bright	64.000	60	7Bet UMi	2.0810	3950.0	128	17785	No
93	GOM_NL__2PRFIN20050725_141921_000000682039_00196_17785_5418.N1	25-JUL-2005 14:19:21	Dark	68.000	30	46Eps Ori	1.6940	30000.	136	17785	No
94	GOM_NL__2PRFIN20050725_142130_000000652039_00196_17785_5419.N1	25-JUL-2005 14:21:30	Dark	65.000	56	53Kap Ori	2.0650	30000.	130	17785	No
95	GOM_NL__2PRFIN20050725_142326_000000662039_00196_17785_5420.N1	25-JUL-2005 14:23:26	Dark	66.000	47	2Bet CMa	1.9760	28000.	132	17785	No
96	GOM_NL__2PRFIN20050725_142649_000000332039_00196_17785_5421.N1	25-JUL-2005 14:26:49	Dark	33.000	177	1Zet CMa	3.0220	26000.	66	17785	No
97	GOM_NL__2PRFIN20050725_144322_000000632039_00197_17786_5410.N1	25-JUL-2005 14:43:22	Dark	63.000	135	Bet Hyi	2.8200	5800.0	126	17786	No
98	GOM_NL__2PRFIN20050725_145124_000000672039_00197_17786_5411.N1	25-JUL-2005 14:51:24	Straylight	66.500	45	Alp Pav	1.9400	26000.	133	17786	No
99	GOM_NL__2PRFIN20050725_145906_000000672039_00197_17786_5412.N1	25-JUL-2005 14:59:06	Bright	66.500	38	20Eps Sgr	1.8360	11000.	133	17786	No
100	GOM_NL__2PRFIN20050725_150132_000000642039_00197_17786_5413.N1	25-JUL-2005 15:01:32	Bright	64.000	137	22Lam Sgr	2.8240	4400.0	128	17786	No
101	GOM_NL__2PRFIN20050725_151021_000000632039_00197_17786_5414.N1	25-JUL-2005 15:10:21	Bright	62.500	126	60Bet Oph	2.7700	4250.0	125	17786	No

102	GOM_NL__2PRFIN20050725_151240_000000622039_00197_17786_5415.N1	25-JUL-2005 15:12:40	Bright	62.000	59	55Alp Oph	2.0800	8900.0	124	17786	No
103	GOM_NL__2PRFIN20050725_152305_000000642039_00197_17786_5416.N1	25-JUL-2005 15:23:05	Bright	63.500	69	33Gam Dra	2.2310	3800.0	127	17786	No
104	GOM_NL__2PRFIN20050725_152648_000000652039_00197_17786_5417.N1	25-JUL-2005 15:26:48	Bright	64.500	119	14Eta Dra	2.7270	4700.0	129	17786	No
105	GOM_NL__2PRFIN20050725_153101_000000602039_00197_17786_5418.N1	25-JUL-2005 15:31:01	Bright	59.500	60	7Bet UMi	2.0810	3950.0	119	17786	No
106	GOM_NL__2PRFIN20050725_155957_000000672039_00197_17786_5419.N1	25-JUL-2005 15:59:57	Dark	67.000	30	46Eps Ori	1.6940	30000.	134	17786	No
107	GOM_NL__2PRFIN20050725_160206_000000662039_00197_17786_5420.N1	25-JUL-2005 16:02:06	Dark	65.500	56	53Kap Ori	2.0650	30000.	131	17786	No
108	GOM_NL__2PRFIN20050725_160402_000000662039_00197_17786_5421.N1	25-JUL-2005 16:04:02	Dark	66.000	47	2Bet CMa	1.9760	28000.	132	17786	No
109	GOM_NL__2PRFIN20050725_160725_000000562039_00197_17786_5422.N1	25-JUL-2005 16:07:25	Dark	56.000	177	1Zet CMa	3.0220	26000.	112	17786	No
110	GOM_NL__2PRFIN20050725_162358_000000652039_00198_17787_5411.N1	25-JUL-2005 16:23:58	Dark	65.000	135	Bet Hyi	2.8200	5800.0	130	17787	No
111	GOM_NL__2PRFIN20050725_163200_000000672039_00198_17787_5412.N1	25-JUL-2005 16:32:00	Straylight	67.000	45	Alp Pav	1.9400	26000.	134	17787	No
112	GOM_NL__2PRFIN20050725_163942_000000692039_00198_17787_5413.N1	25-JUL-2005 16:39:42	Bright	69.000	38	20Eps Sgr	1.8360	11000.	138	17787	No
113	GOM_NL__2PRFIN20050725_164208_000000642039_00198_17787_5414.N1	25-JUL-2005 16:42:08	Bright	63.500	137	22Lam Sgr	2.8240	4400.0	127	17787	No
114	GOM_NL__2PRFIN20050725_165057_000000622039_00198_17787_5415.N1	25-JUL-2005 16:50:57	Bright	62.000	126	60Bet Oph	2.7700	4250.0	124	17787	No
115	GOM_NL__2PRFIN20050725_165316_000000662039_00198_17787_5416.N1	25-JUL-2005 16:53:16	Bright	66.000	59	55Alp Oph	2.0800	8900.0	132	17787	No
116	GOM_NL__2PRFIN20050725_170341_000000652039_00198_17787_5417.N1	25-JUL-2005 17:03:41	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17787	No
117	GOM_NL__2PRFIN20050725_170724_000000602039_00198_17787_5418.N1	25-JUL-2005 17:07:24	Bright	59.500	119	14Eta Dra	2.7270	4700.0	119	17787	No
118	GOM_NL__2PRFIN20050725_171138_000000612039_00198_17787_5419.N1	25-JUL-2005 17:11:38	Bright	60.500	60	7Bet UMi	2.0810	3950.0	121	17787	No
119	GOM_NL__2PRFIN20050725_174033_000000672039_00198_17787_5420.N1	25-JUL-2005 17:40:33	Dark	67.000	30	46Eps Ori	1.6940	30000.	134	17787	No
120	GOM_NL__2PRFIN20050725_174243_000000642039_00198_17787_5421.N1	25-JUL-2005 17:42:43	Dark	63.500	56	53Kap Ori	2.0650	30000.	127	17787	No
121	GOM_NL__2PRFIN20050725_174438_000000632039_00198_17787_5422.N1	25-JUL-2005 17:44:38	Dark	63.000	47	2Bet CMa	1.9760	28000.	126	17787	No
122	GOM_NL__2PRFIN20050725_174801_000000562039_00198_17787_5423.N1	25-JUL-2005 17:48:01	Dark	56.000	177	1Zet CMa	3.0220	26000.	112	17787	No
123	GOM_NL__2PRFIN20050725_180434_000000642039_00199_17788_5412.N1	25-JUL-2005 18:04:34	Dark	64.000	135	Bet Hyi	2.8200	5800.0	128	17788	No
124	GOM_NL__2PRFIN20050725_181237_000000662039_00199_17788_5413.N1	25-JUL-2005 18:12:37	Straylight	65.500	45	Alp Pav	1.9400	26000.	131	17788	No
125	GOM_NL__2PRFIN20050725_182018_000000662039_00199_17788_5414.N1	25-JUL-2005 18:20:18	Bright	65.500	38	20Eps Sgr	1.8360	11000.	131	17788	No
126	GOM_NL__2PRFIN20050725_182245_000000642039_00199_17788_5415.N1	25-JUL-2005 18:22:45	Bright	64.000	137	22Lam Sgr	2.8240	4400.0	128	17788	No
127	GOM_NL__2PRFIN20050725_183133_000000632039_00199_17788_5416.N1	25-JUL-2005 18:31:33	Bright	62.500	126	60Bet Oph	2.7700	4250.0	125	17788	No
128	GOM_NL__2PRFIN20050725_183353_000000642039_00199_17788_5417.N1	25-JUL-2005 18:33:53	Bright	64.000	59	55Alp Oph	2.0800	8900.0	128	17788	No
129	GOM_NL__2PRFIN20050725_184417_000000652039_00199_17788_5418.N1	25-JUL-2005 18:44:17	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17788	No
130	GOM_NL__2PRFIN20050725_184800_000000642039_00199_17788_5419.N1	25-JUL-2005 18:48:00	Bright	63.500	119	14Eta Dra	2.7270	4700.0	127	17788	No
131	GOM_NL__2PRFIN20050725_185214_000000642039_00199_17788_5420.N1	25-JUL-2005 18:52:14	Bright	64.000	60	7Bet UMi	2.0810	3950.0	128	17788	No
132	GOM_NL__2PRFIN20050725_192109_000000662039_00199_17788_5421.N1	25-JUL-2005 19:21:09	Dark	66.000	30	46Eps Ori	1.6940	30000.	132	17788	No
133	GOM_NL__2PRFIN20050725_192319_000000632039_00199_17788_5422.N1	25-JUL-2005 19:23:19	Dark	63.000	56	53Kap Ori	2.0650	30000.	126	17788	No
134	GOM_NL__2PRFIN20050725_192514_000000622039_00199_17788_5423.N1	25-JUL-2005 19:25:14	Dark	62.000	47	2Bet CMa	1.9760	28000.	124	17788	No
135	GOM_NL__2PRFIN20050725_192837_000000652039_00199_17788_5424.N1	25-JUL-2005 19:28:37	Dark	65.000	177	1Zet CMa	3.0220	26000.	130	17788	No
136	GOM_NL__2PRFIN20050725_194510_000000682039_00200_17789_5413.N1	25-JUL-2005 19:45:10	Dark	67.500	135	Bet Hyi	2.8200	5800.0	135	17789	No
137	GOM_NL__2PRFIN20050725_195313_000000662039_00200_17789_5414.N1	25-JUL-2005 19:53:13	Straylight	66.000	45	Alp Pav	1.9400	26000.	132	17789	No
138	GOM_NL__2PRFIN20050725_200054_000000662039_00200_17789_5415.N1	25-JUL-2005 20:00:54	Bright	66.000	38	20Eps Sgr	1.8360	11000.	132	17789	No
139	GOM_NL__2PRFIN20050725_200321_000000652039_00200_17789_5416.N1	25-JUL-2005 20:03:21	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17789	No
140	GOM_NL__2PRFIN20050725_201209_000000652039_00200_17789_5417.N1	25-JUL-2005 20:12:09	Bright	64.500	126	60Bet Oph	2.7700	4250.0	129	17789	No
141	GOM_NL__2PRFIN20050725_201429_000000642039_00200_17789_5418.N1	25-JUL-2005 20:14:29	Bright	63.500	59	55Alp Oph	2.0800	8900.0	127	17789	No
142	GOM_NL__2PRFIN20050725_202453_000000632039_00200_17789_5419.N1	25-JUL-2005 20:24:53	Bright	63.000	69	33Gam Dra	2.2310	3800.0	126	17789	No
143	GOM_NL__2PRFIN20050725_202837_000000632039_00200_17789_5420.N1	25-JUL-2005 20:28:37	Bright	63.000	119	14Eta Dra	2.7270	4700.0	126	17789	No
144	GOM_NL__2PRFIN20050725_203250_000000642039_00200_17789_5421.N1	25-JUL-2005 20:32:50	Bright	63.500	60	7Bet UMi	2.0810	3950.0	127	17789	No
145	GOM_NL__2PRFIN20050725_210145_000000642039_00200_17789_5422.N1	25-JUL-2005 21:01:45	Dark	63.500	30	46Eps Ori	1.6940	30000.	127	17789	No
146	GOM_NL__2PRFIN20050725_210355_000000622039_00200_17789_5423.N1	25-JUL-2005 21:03:55	Dark	61.500	56	53Kap Ori	2.0650	30000.	123	17789	No
147	GOM_NL__2PRFIN20050725_210550_000000622039_00200_17789_5424.N1	25-JUL-2005 21:05:50	Dark	62.000	47	2Bet CMa	1.9760	28000.	124	17789	No
148	GOM_NL__2PRFIN20050725_210913_000000662039_00200_17789_5425.N1	25-JUL-2005 21:09:13	Dark	65.500	177	1Zet CMa	3.0220	26000.	131	17789	No
149	GOM_NL__2PRFIN20050725_212546_000000632039_00201_17790_5414.N1	25-JUL-2005 21:25:46	Dark	62.500	135	Bet Hyi	2.8200	5800.0	125	17790	No
150	GOM_NL__2PRFIN20050725_213349_000000682039_00201_17790_5415.N1	25-JUL-2005 21:33:49	Straylight	67.500	45	Alp Pav	1.9400	26000.	135	17790	No
151	GOM_NL__2PRFIN20050725_214130_000000762039_00201_17790_5416.N1	25-JUL-2005 21:41:30	Bright	75.500	38	20Eps Sgr	1.8360	11000.	151	17790	No
152	GOM_NL__2PRFIN20050725_214357_000000652039_00201_17790_5417.N1	25-JUL-2005 21:43:57	Bright	65.000	137	22Lam Sgr	2.8240	4400.0	130	17790	No
153	GOM_NL__2PRFIN20050725_215245_000000642039_00201_17790_5418.N1	25-JUL-2005 21:52:45	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17790	No
154	GOM_NL__2PRFIN20050725_215505_000000652039_00201_17790_5419.N1	25-JUL-2005 21:55:05	Bright	65.000	59	55Alp Oph	2.0800	8900.0	130	17790	No
155	GOM_NL__2PRFIN20050725_220529_000000652039_00201_17790_5420.N1	25-JUL-2005 22:05:29	Bright	64.500	69	33Gam Dra	2.2310	3800.0	129	17790	No
156	GOM_NL__2PRFIN20050725_220913_000000652039_00201_17790_5421.N1	25-JUL-2005 22:09:13	Bright	65.000	119	14Eta Dra	2.7270	4700.0	130	17790	No
157	GOM_NL__2PRFIN20050725_221326_000000592039_00201_17790_5422.N1	25-JUL-2005 22:13:26	Bright	59.000	60	7Bet UMi	2.0810	3950.0	118	17790	No
158	GOM_NL__2PRFIN20050725_224221_000000632039_00201_17790_5423.N1	25-JUL-2005 22:42:21	Dark	63.000	30	46Eps Ori	1.6940	30000.	126	17790	No
159	GOM_NL__2PRFIN20050725_224431_000000632039_00201_17790_5424.N1	25-JUL-2005 22:44:31	Dark	62.500	56	53Kap Ori	2.0650	30000.	125	17790	No
160	GOM_NL__2PRFIN20050725_224626_000000652039_00201_17790_5425.N1	25-JUL-2005 22:46:26	Dark	64.500	47	2Bet CMa	1.9760	28000.	129	17790	No

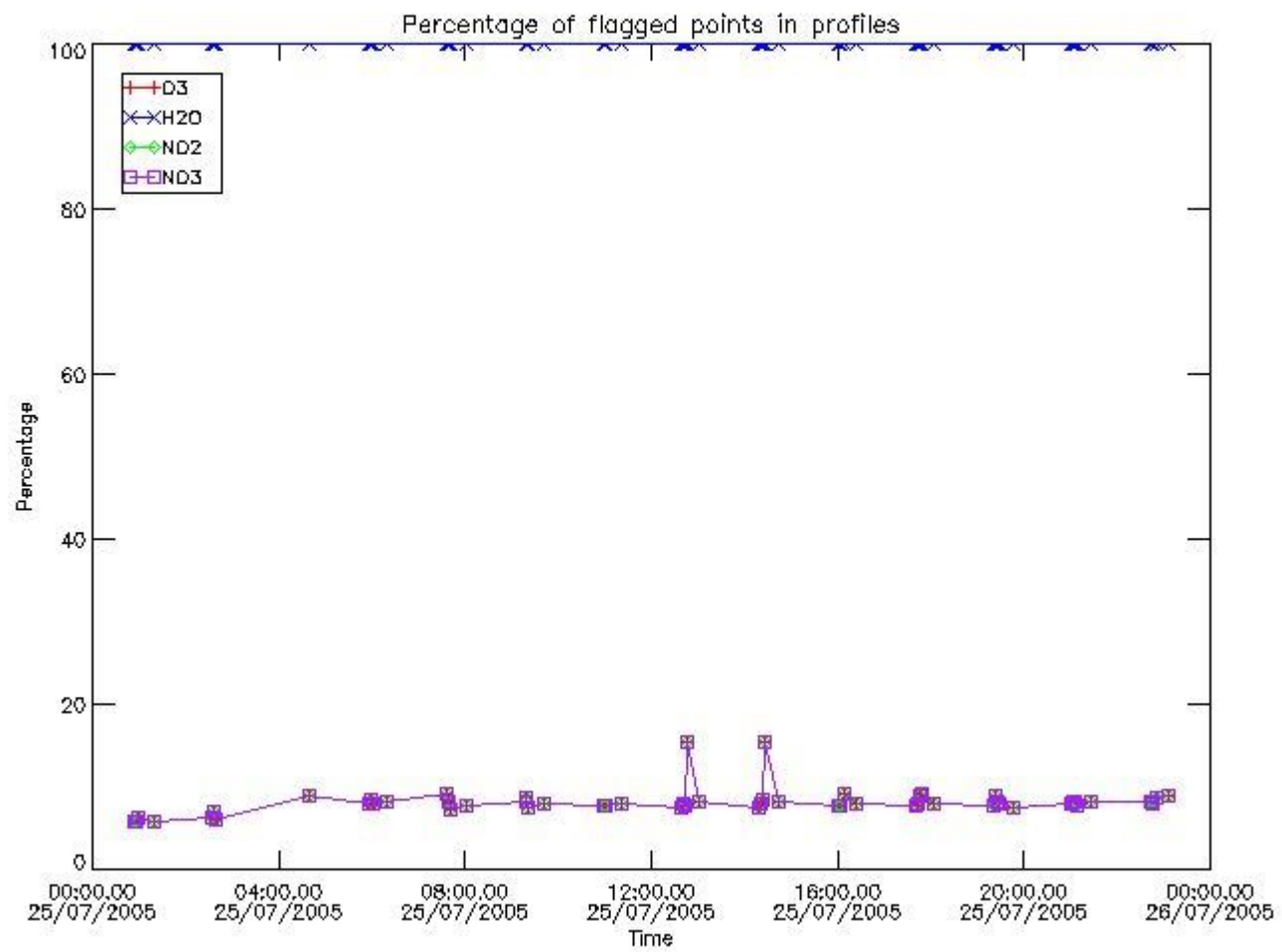


161	GOM_NL__2PRFIN20050725_224949_000000642039_00201_17790_5426.N1	25-JUL-2005 22:49:49	Dark	64.000	177	1Zet CMa	3.0220	26000.	128	17790	No
162	GOM_NL__2PRFIN20050725_230622_000000642039_00202_17791_5414.N1	25-JUL-2005 23:06:22	Dark	63.500	135	Bet Hyi	2.8200	5800.0	127	17791	No
163	GOM_NL__2PRFIN20050725_231425_000000712039_00202_17791_5415.N1	25-JUL-2005 23:14:25	Straylight	71.000	45	Alp Pav	1.9400	26000.	142	17791	No
164	GOM_NL__2PRFIN20050725_232206_000000662039_00202_17791_5416.N1	25-JUL-2005 23:22:06	Bright	66.000	38	20Eps Sgr	1.8360	11000.	132	17791	No
165	GOM_NL__2PRFIN20050725_232433_000000632039_00202_17791_5417.N1	25-JUL-2005 23:24:33	Bright	63.000	137	22Lam Sgr	2.8240	4400.0	126	17791	No
166	GOM_NL__2PRFIN20050725_233321_000000642039_00202_17791_5418.N1	25-JUL-2005 23:33:21	Bright	64.000	126	60Bet Oph	2.7700	4250.0	128	17791	No
167	GOM_NL__2PRFIN20050725_233541_000000652039_00202_17791_5419.N1	25-JUL-2005 23:35:41	Bright	65.000	59	55Alp Oph	2.0800	8900.0	130	17791	No
168	GOM_NL__2PRFIN20050725_234605_000000652039_00202_17791_5420.N1	25-JUL-2005 23:46:05	Bright	65.000	69	33Gam Dra	2.2310	3800.0	130	17791	No
169	GOM_NL__2PRFIN20050725_234949_000000632039_00202_17791_5421.N1	25-JUL-2005 23:49:49	Bright	62.500	119	14Eta Dra	2.7270	4700.0	125	17791	No
170	GOM_NL__2PRFIN20050725_235402_000000612039_00202_17791_5422.N1	25-JUL-2005 23:54:02	Bright	61.000	60	7Bet UMi	2.0810	3950.0	122	17791	No

### 3. Quality information per product

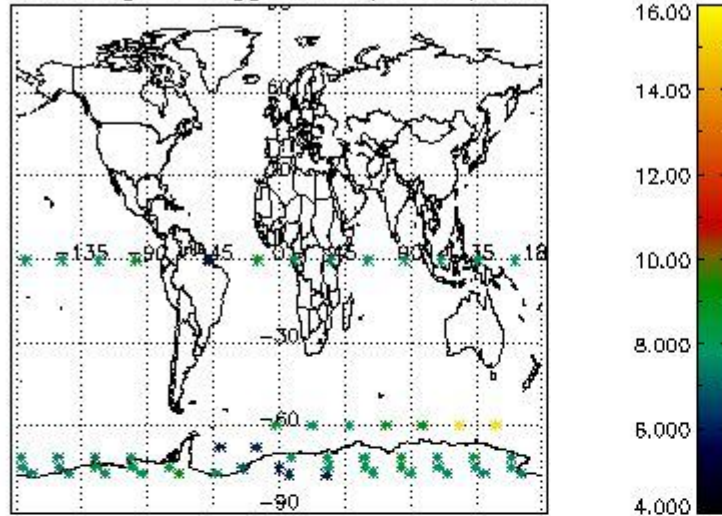
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

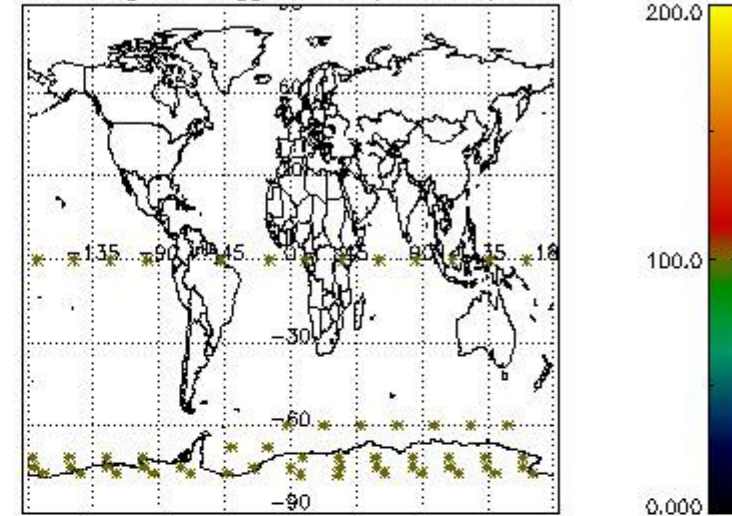


#### 3.2 Plot quality information per product (world map)

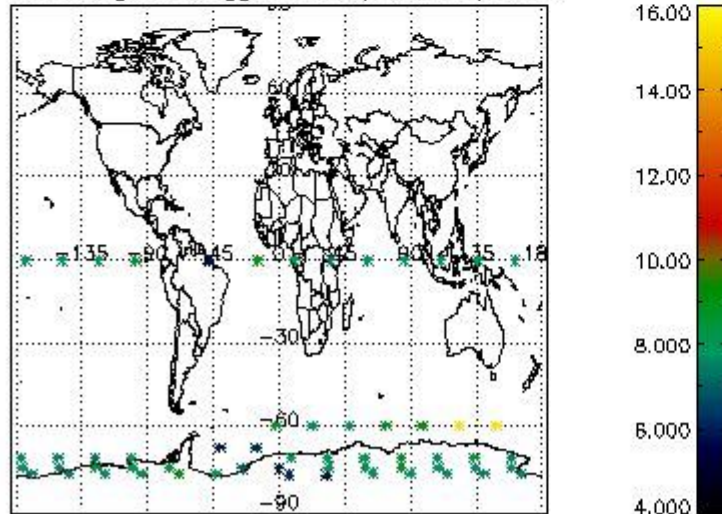
Percentage of flagged data per O3 profile



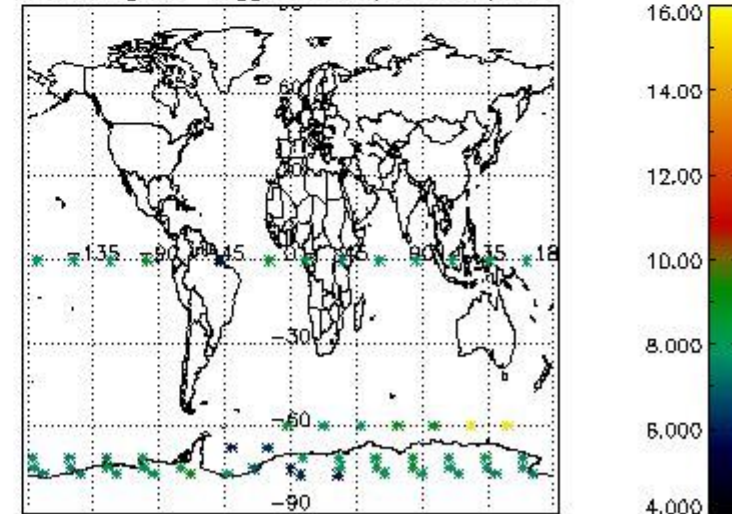
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

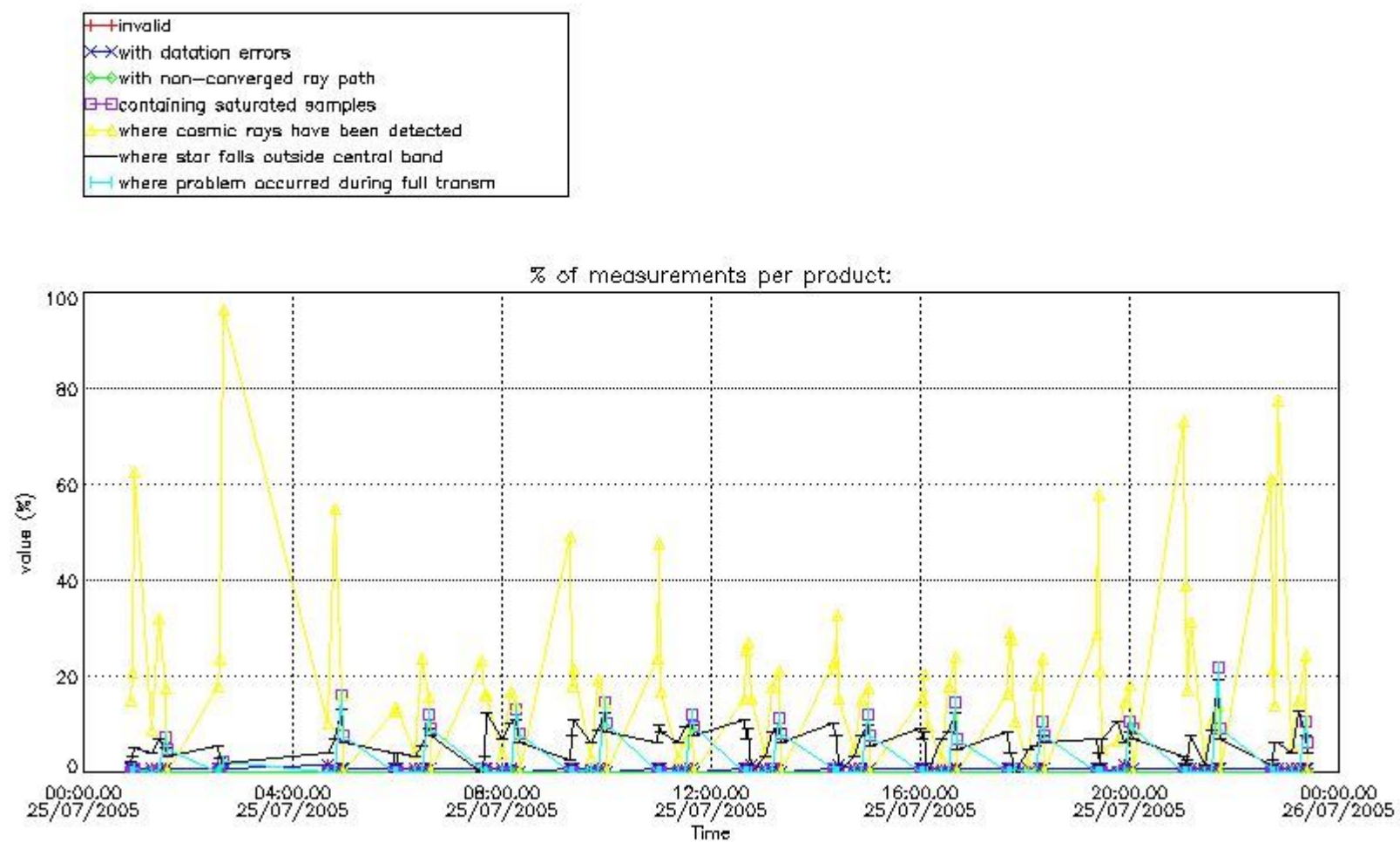


#### 4. Level 1 quality information per product

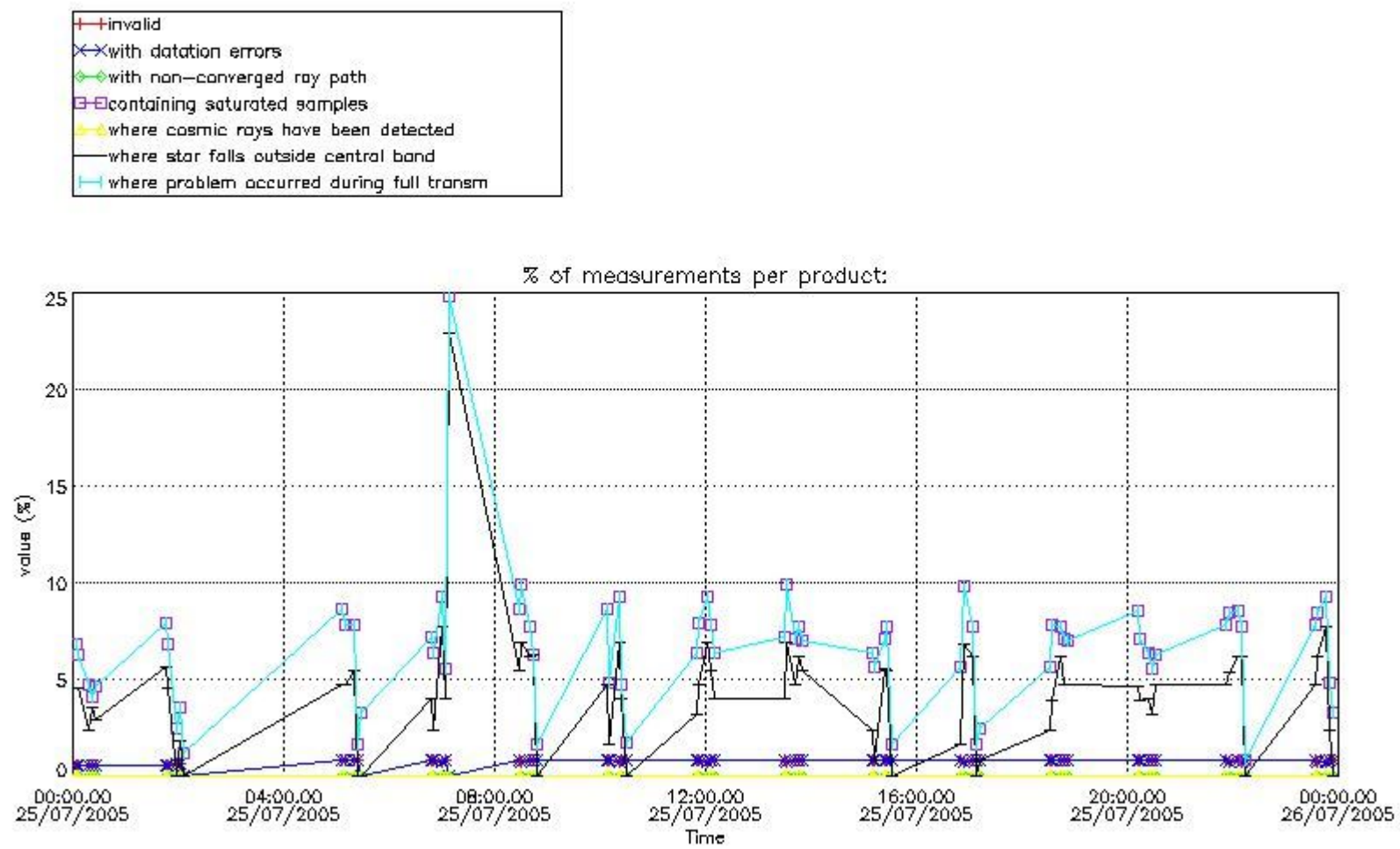
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



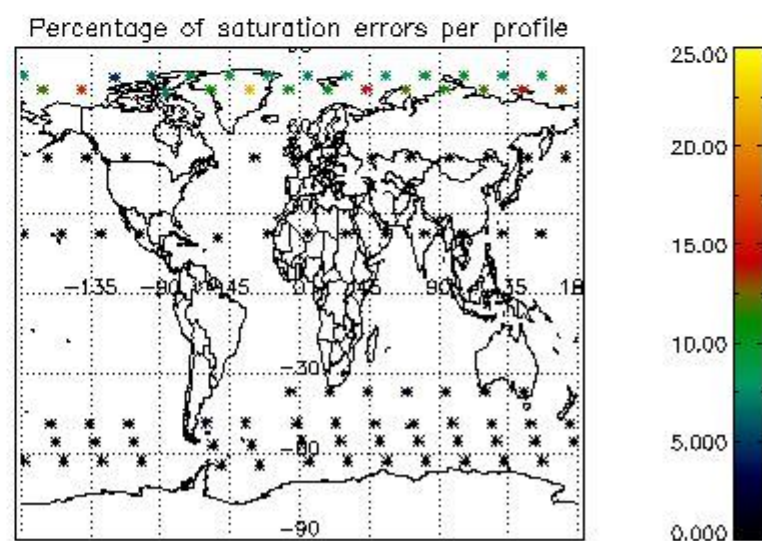
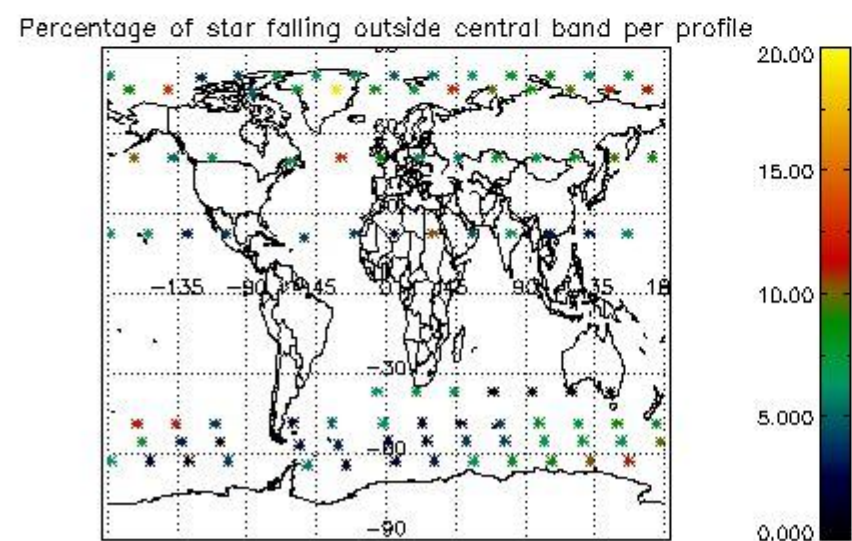
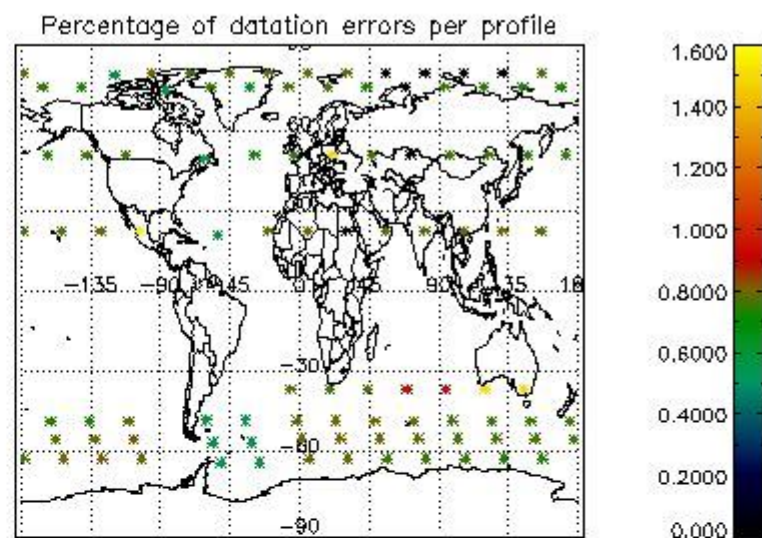
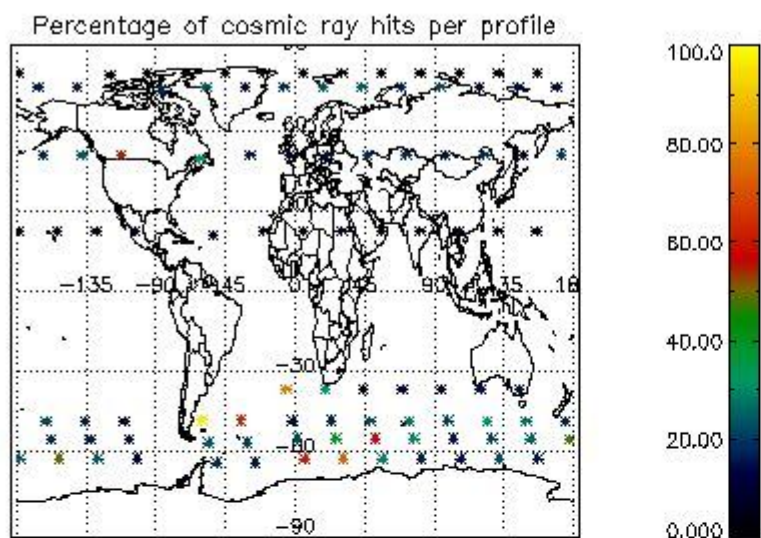
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



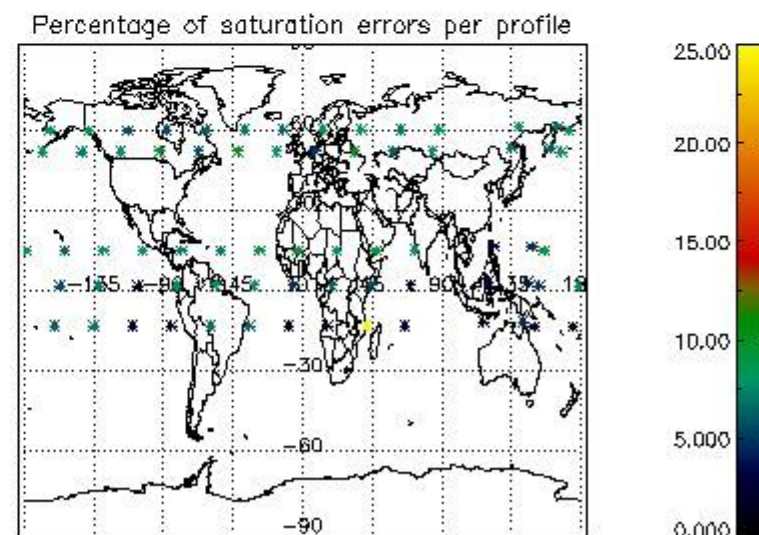
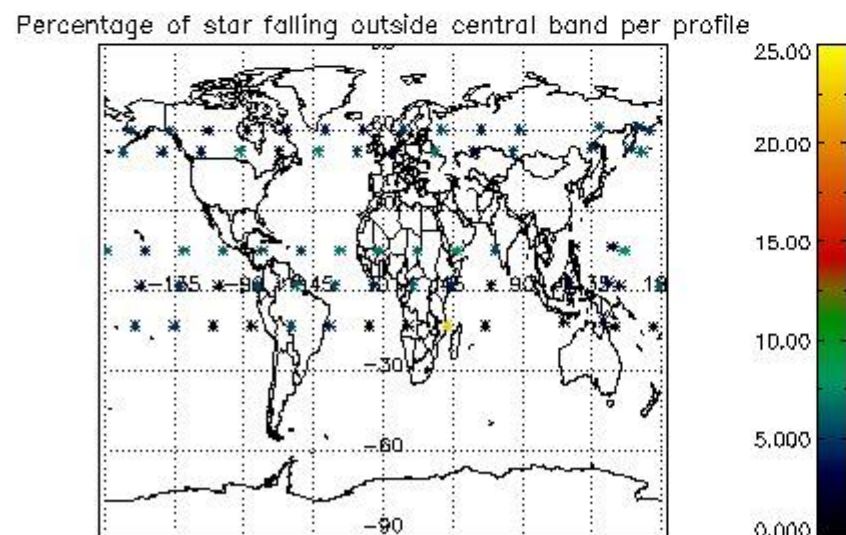
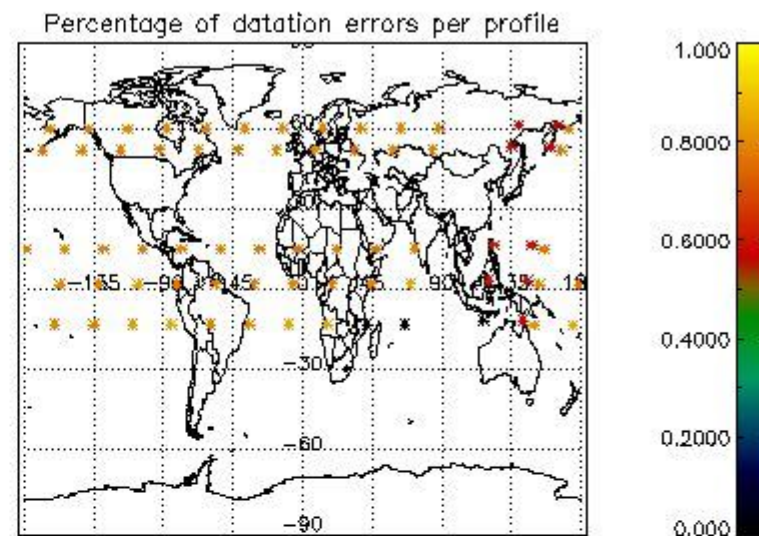
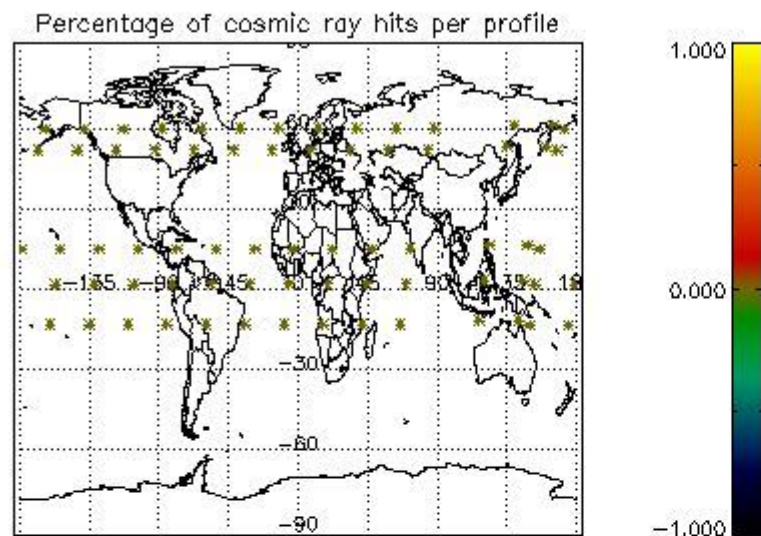
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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.

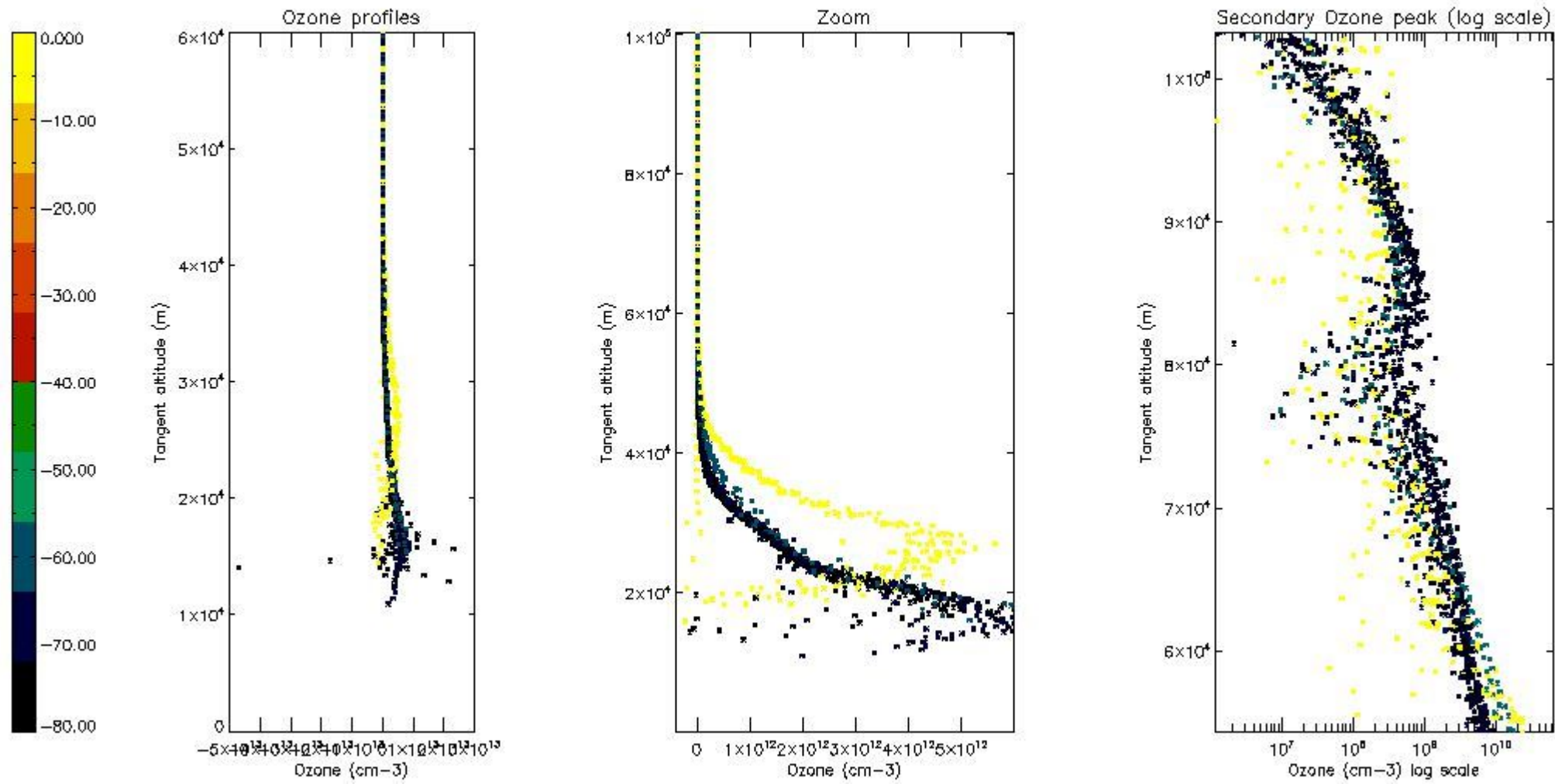
Criteria	% of total production
All STD	35
STD < 20	12



STD < 10	10
STD < 5	8

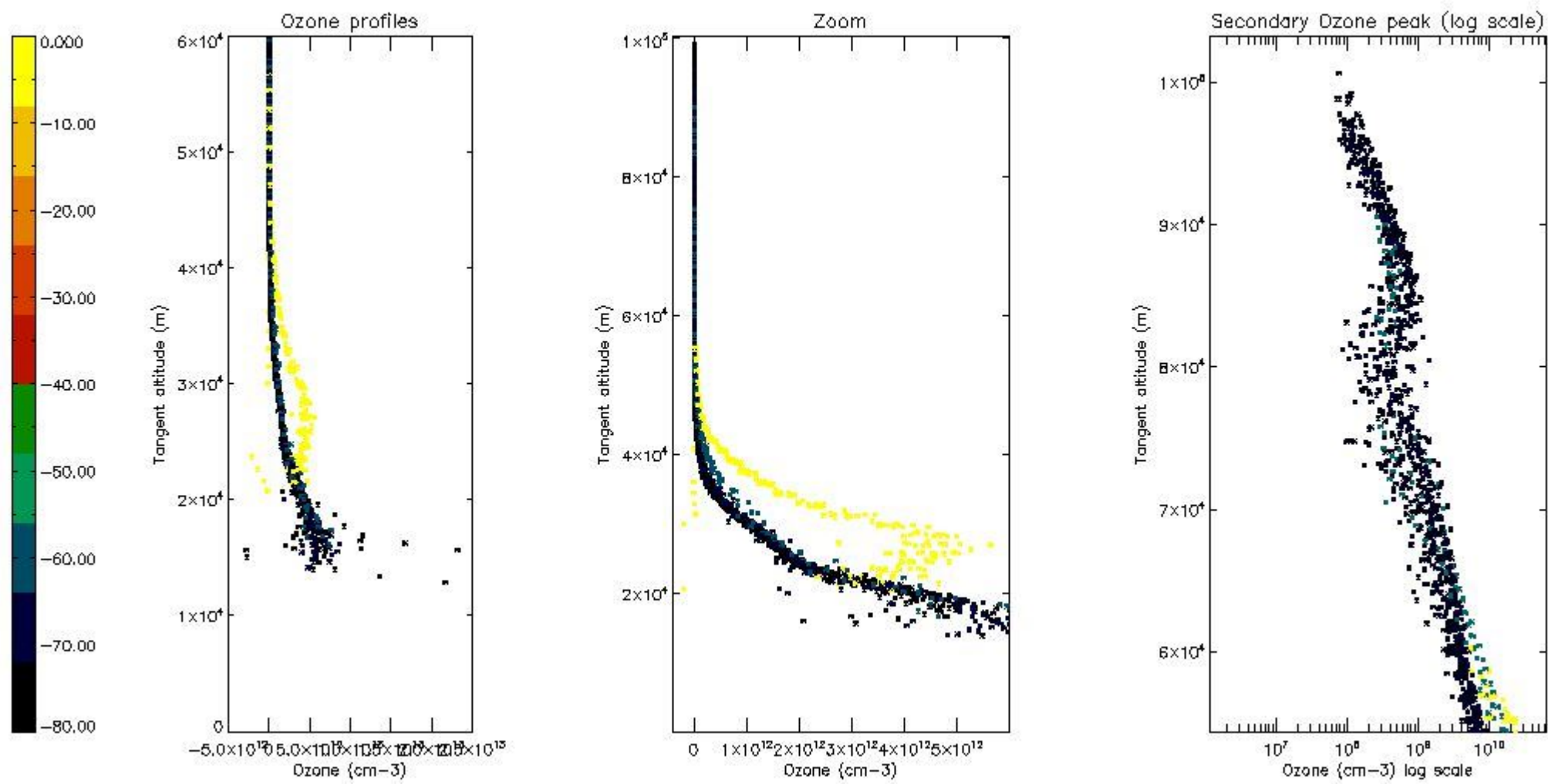
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

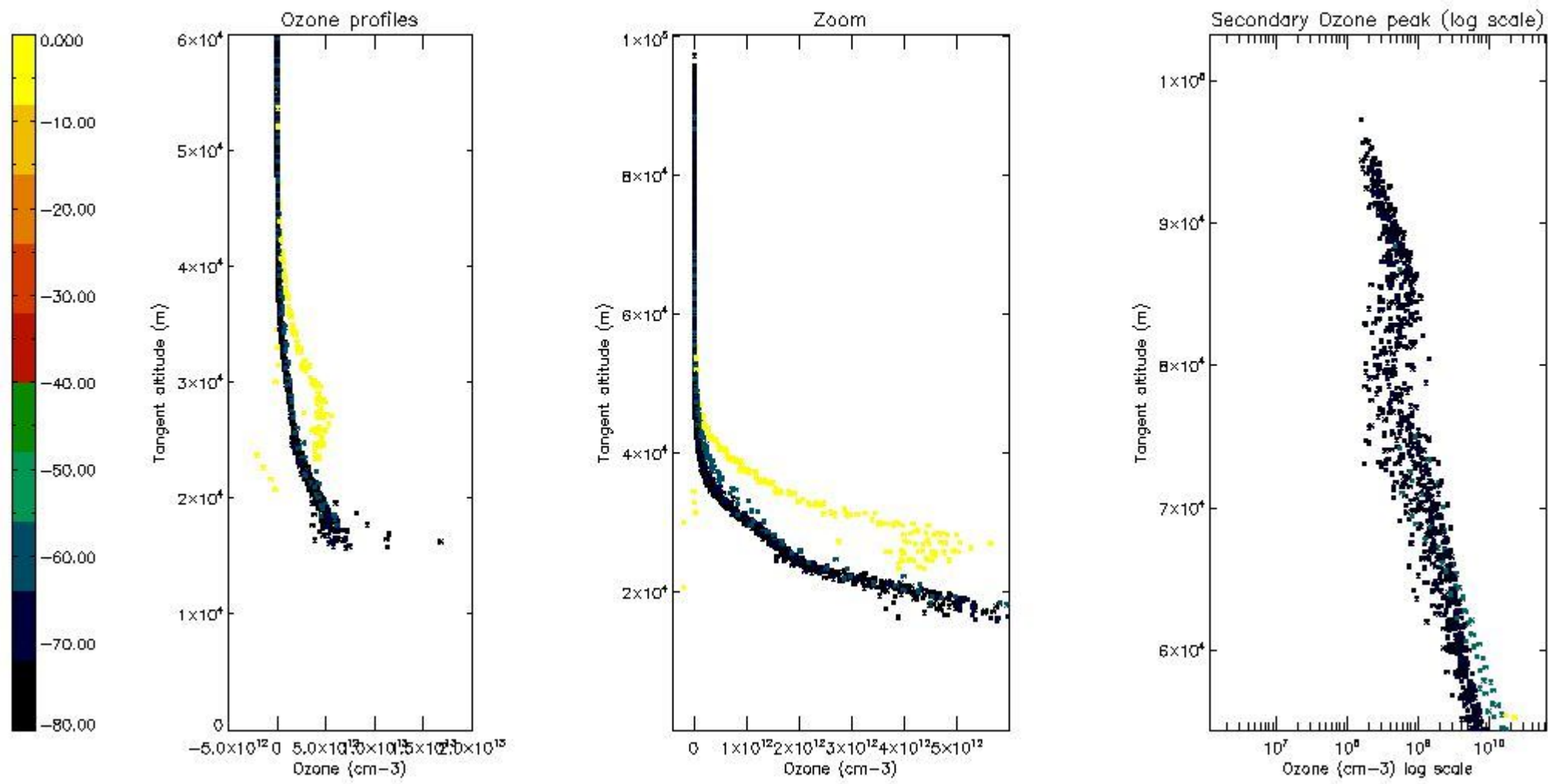
The colorbar represents the latitude.



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

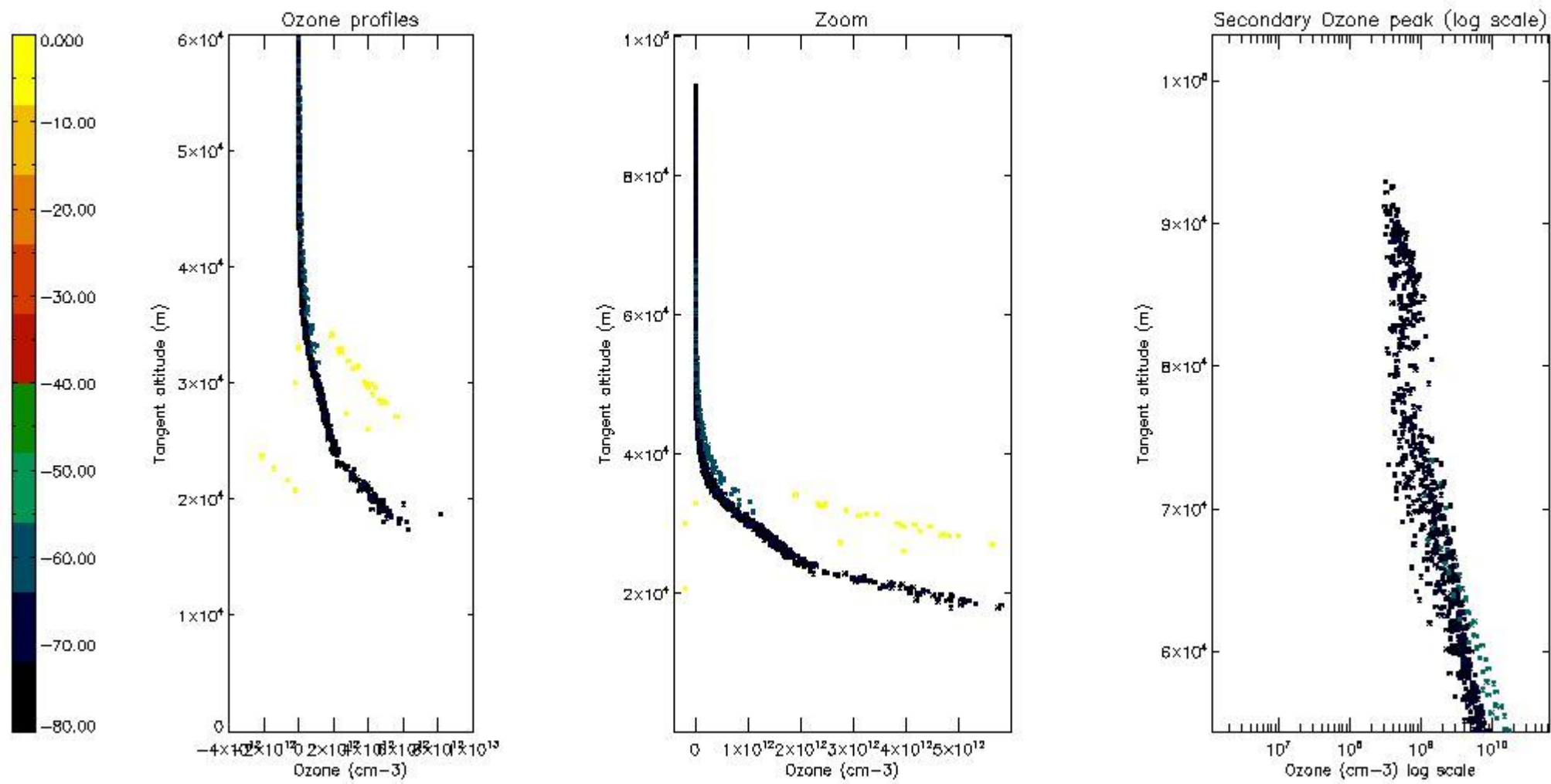
The colorbar represents the latitude.





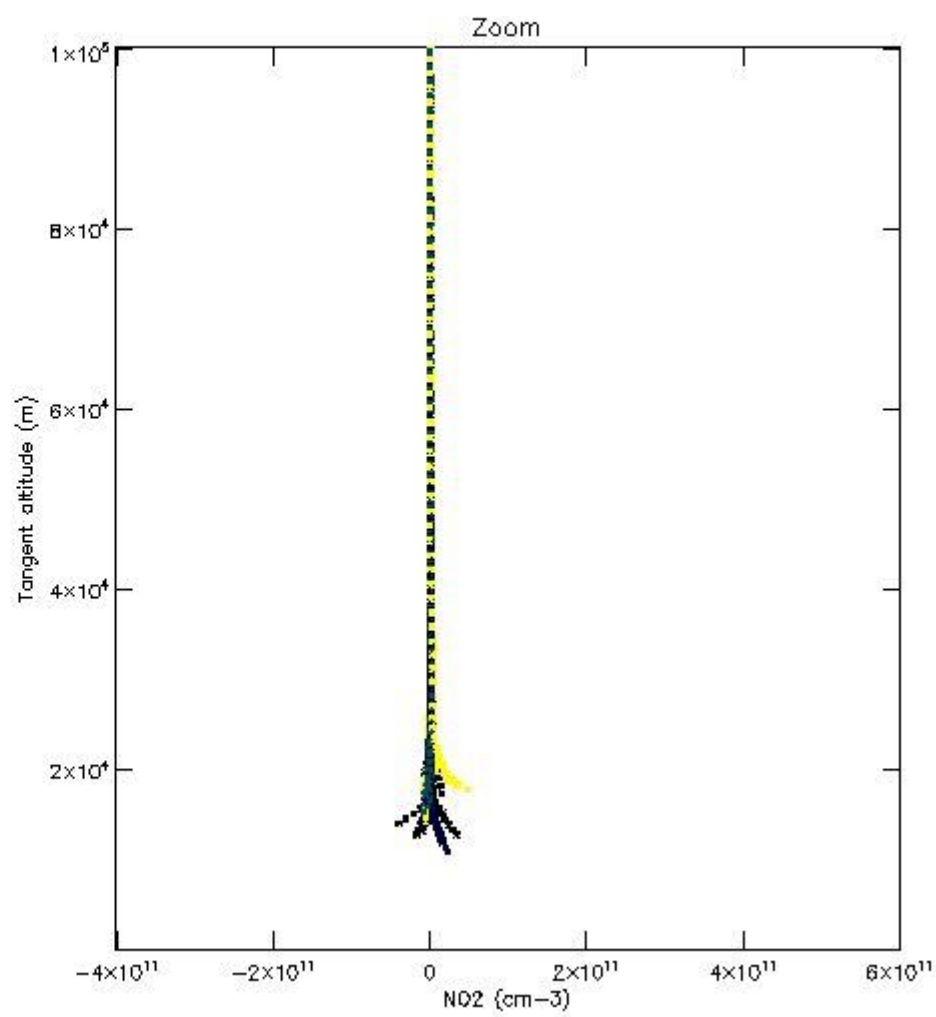
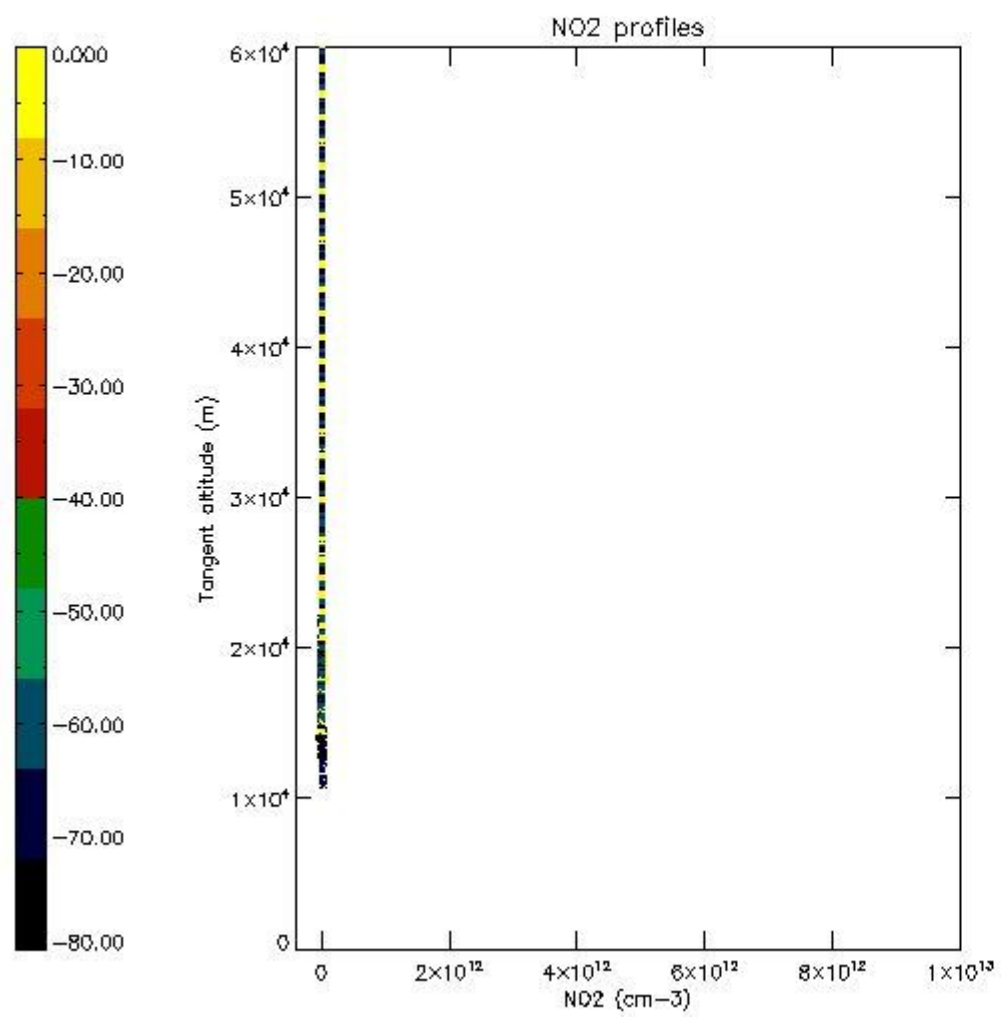
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



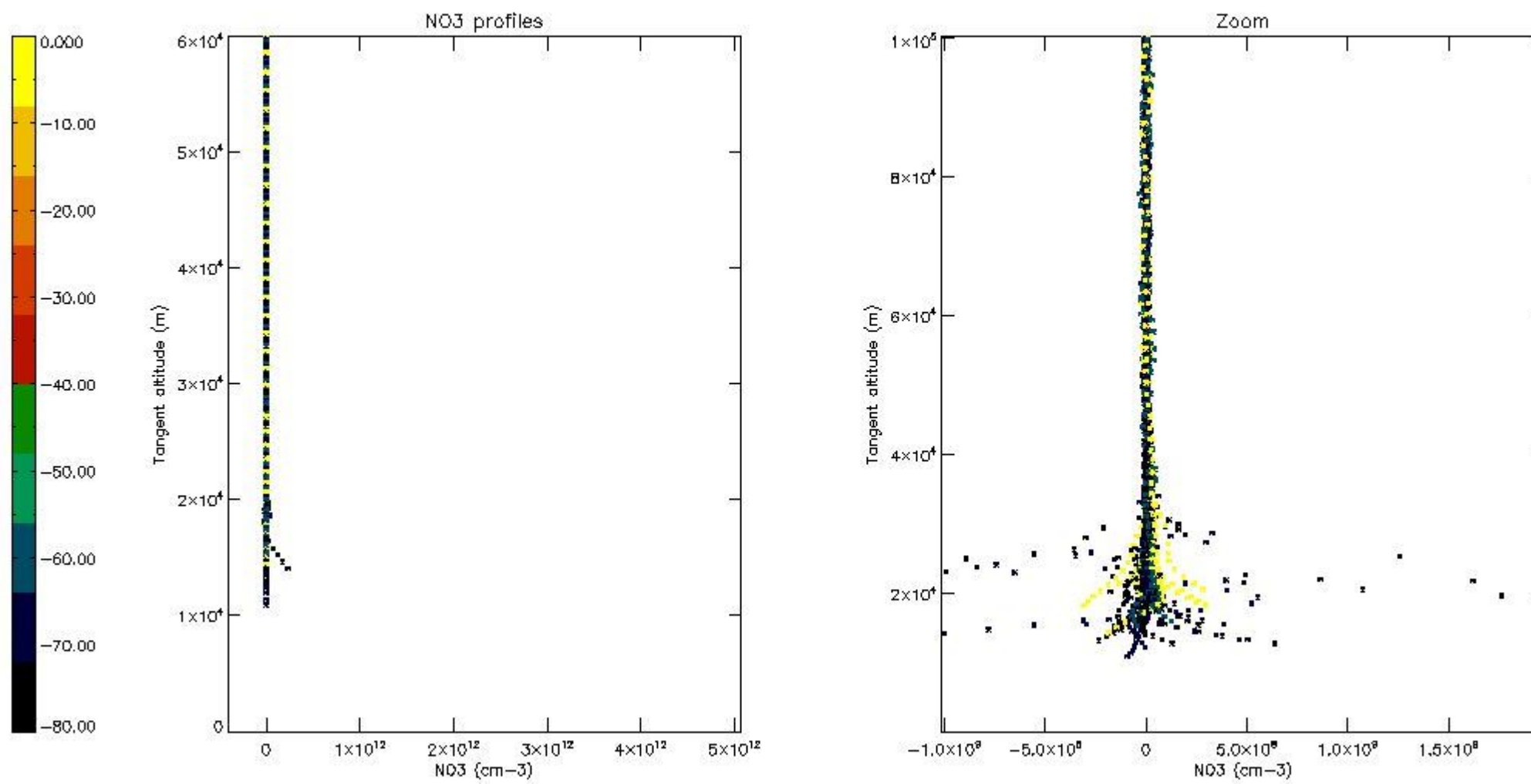
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

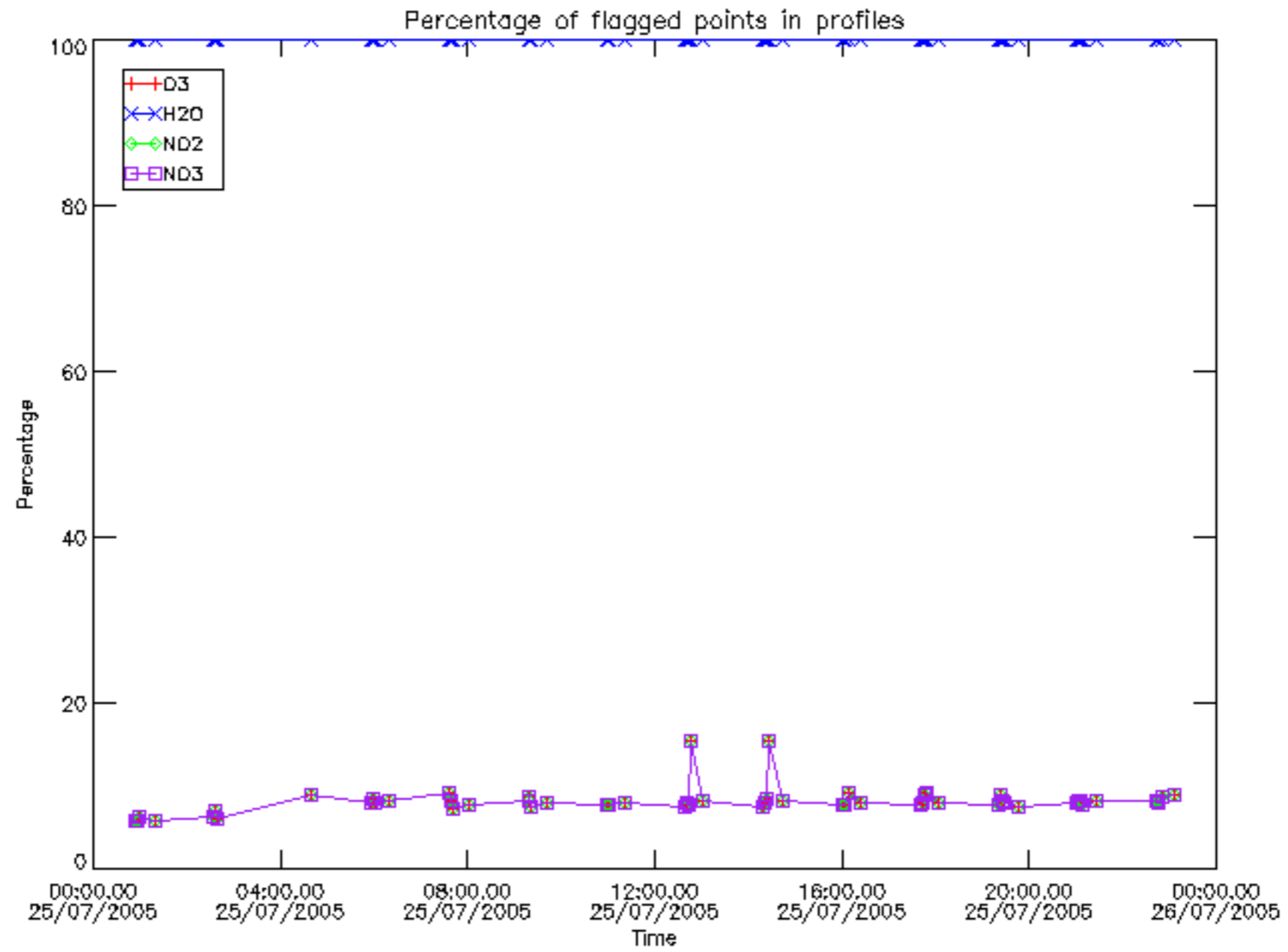


## 6. Auxiliary Data Files used for the production reported in section 2

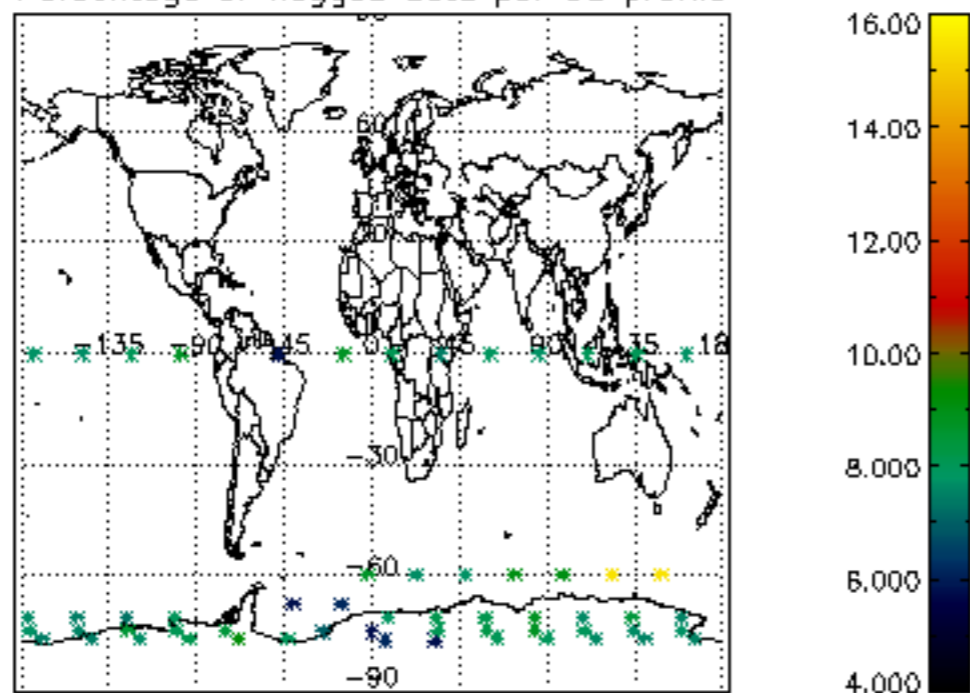
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-JUL-2005 00:04:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2005 00:04:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2005 00:04:32

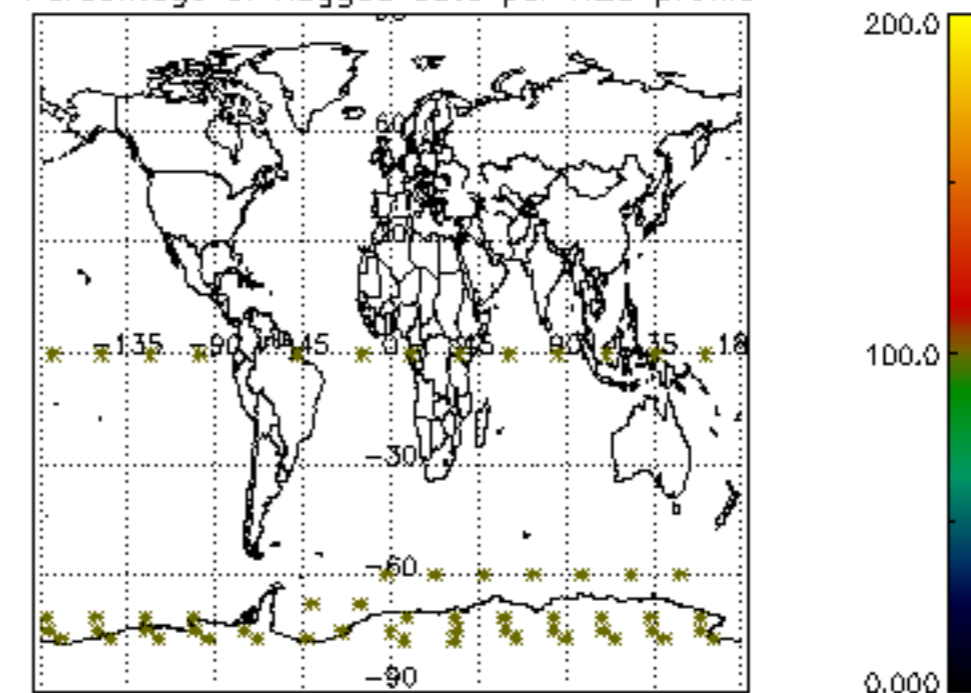




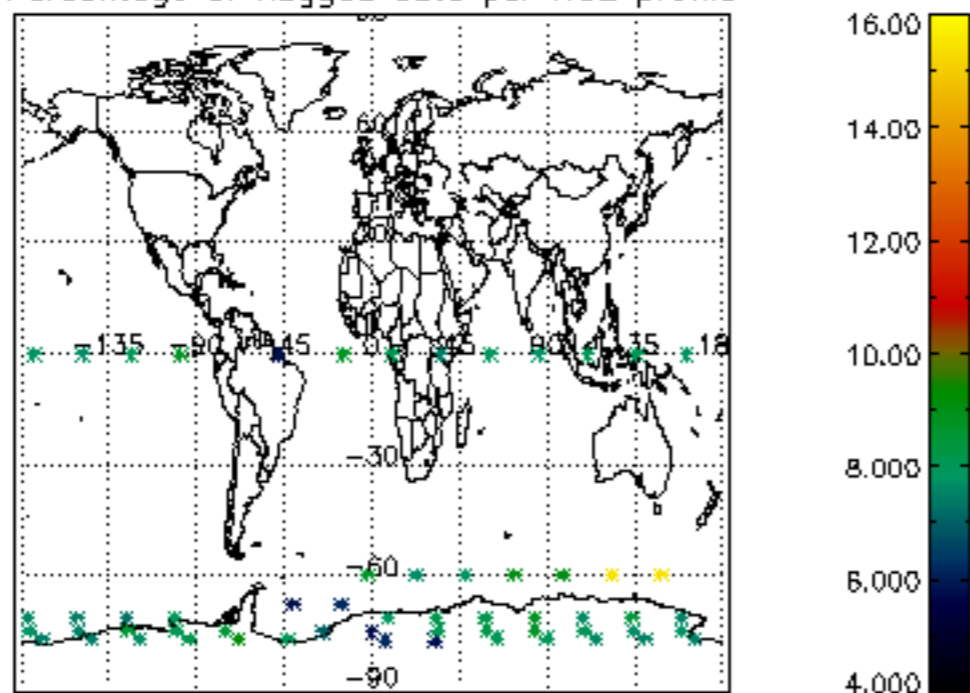
Percentage of flagged data per D3 profile



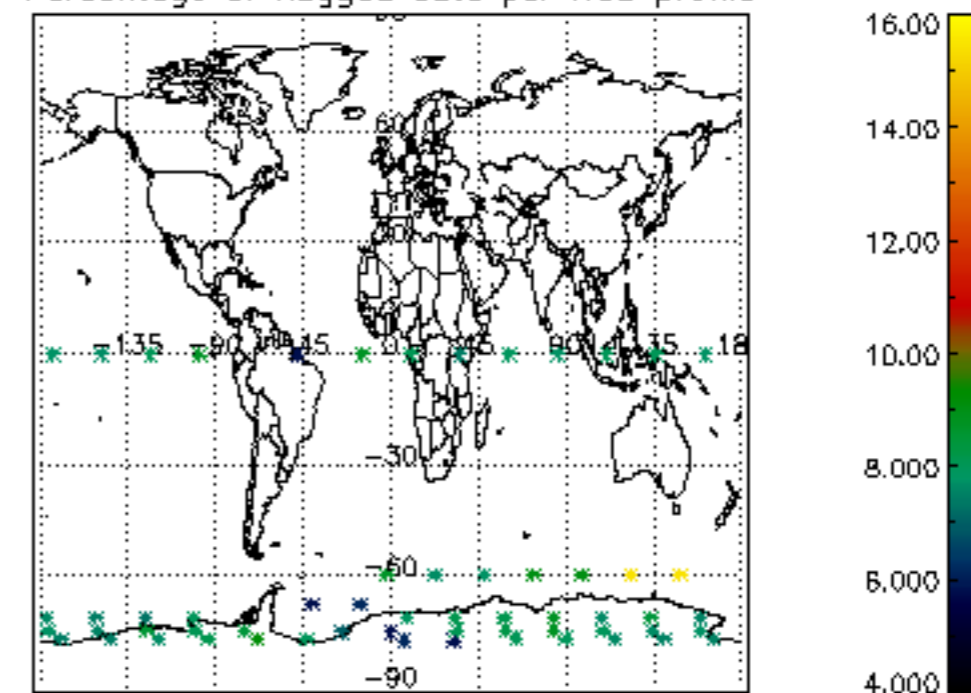
Percentage of flagged data per H2O profile

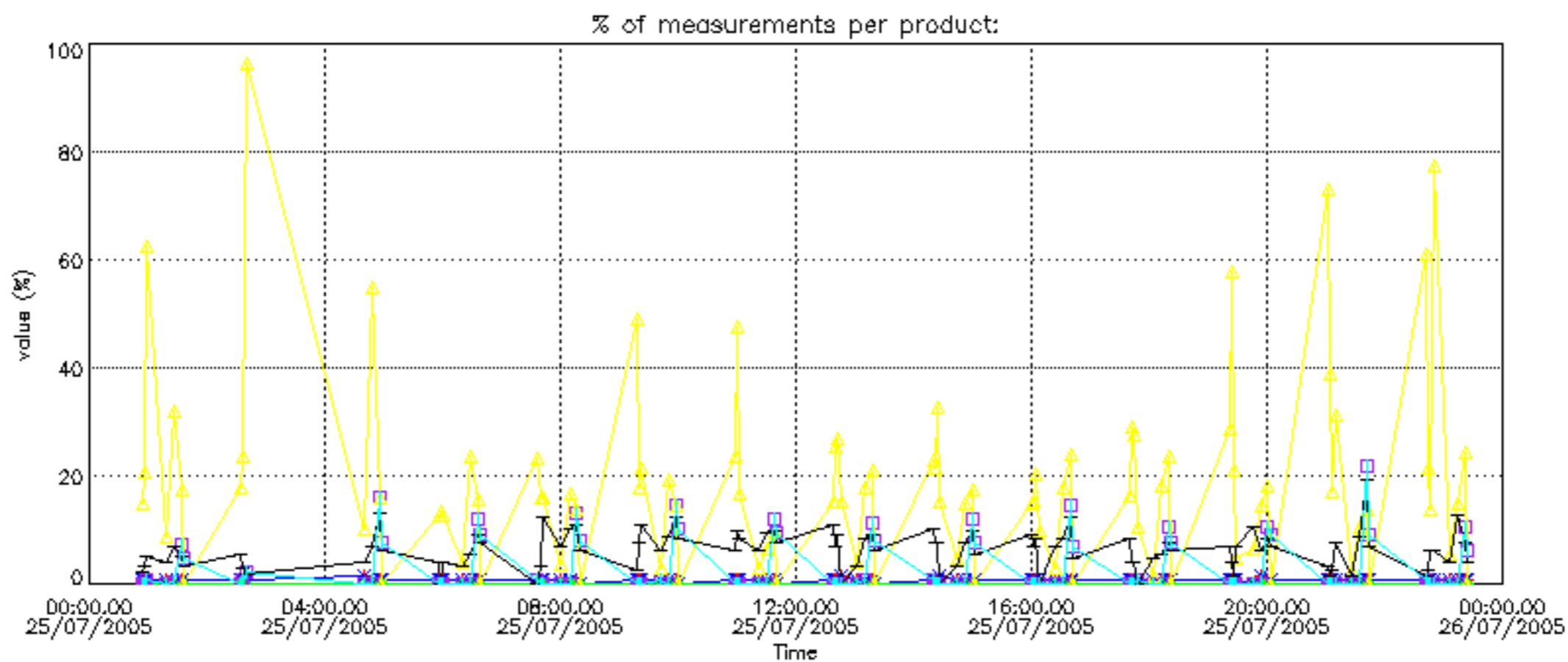


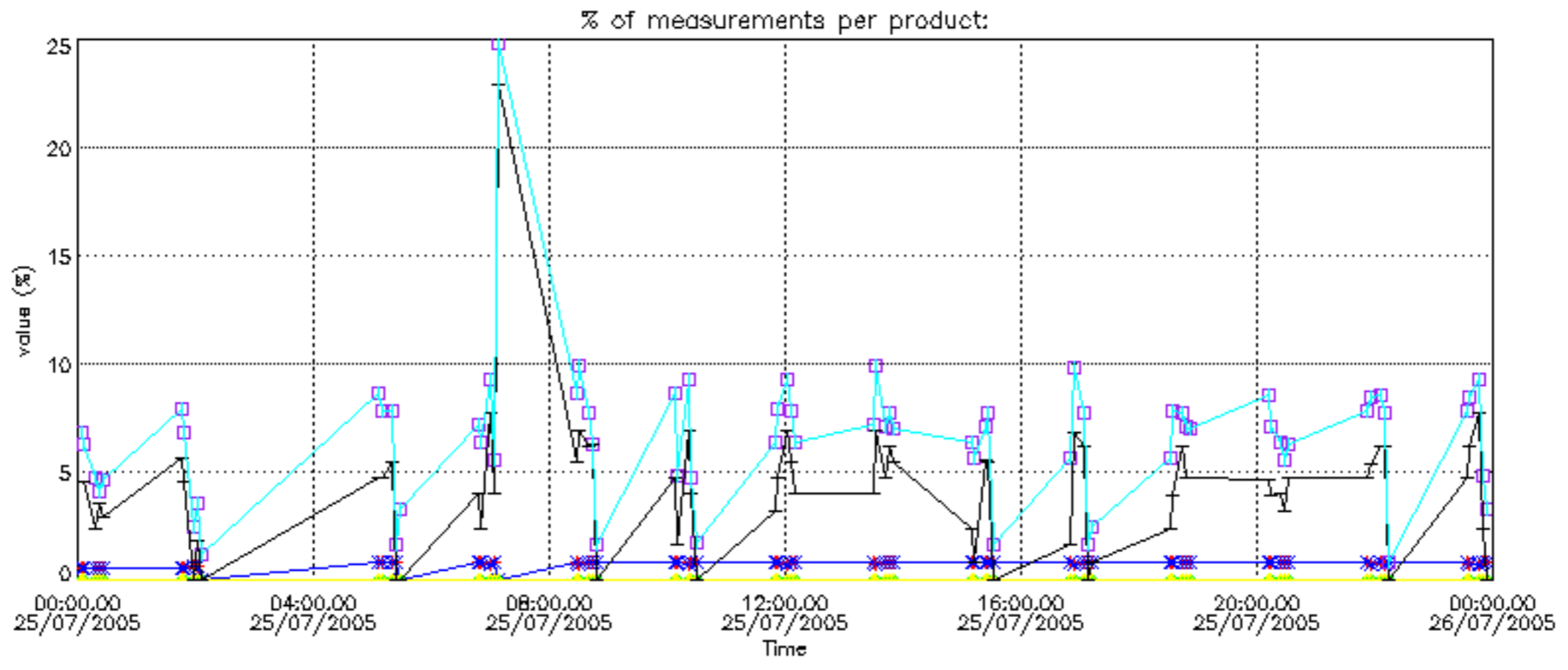
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

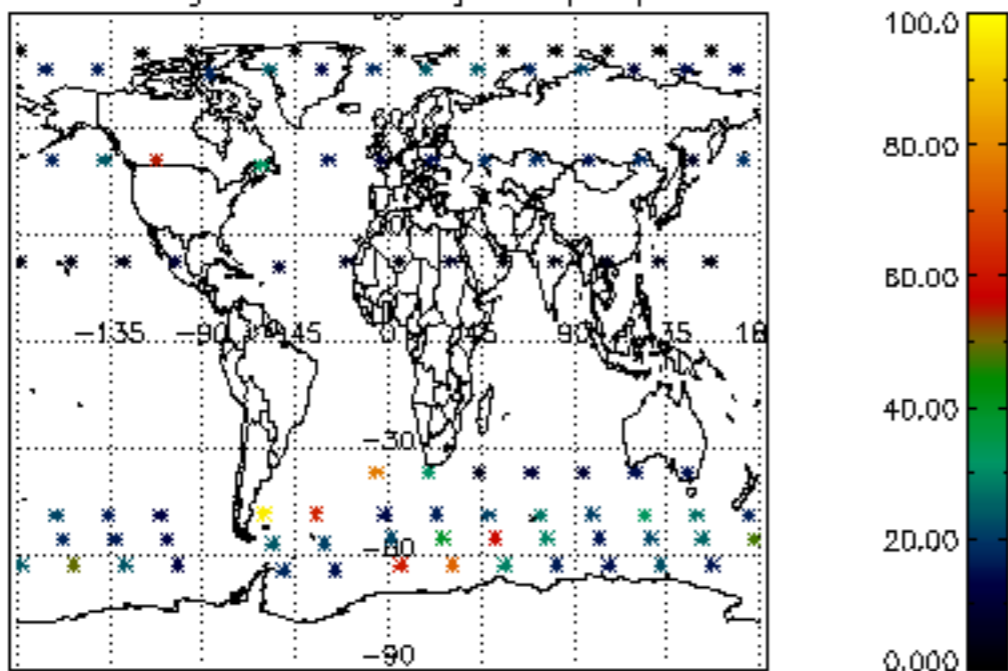




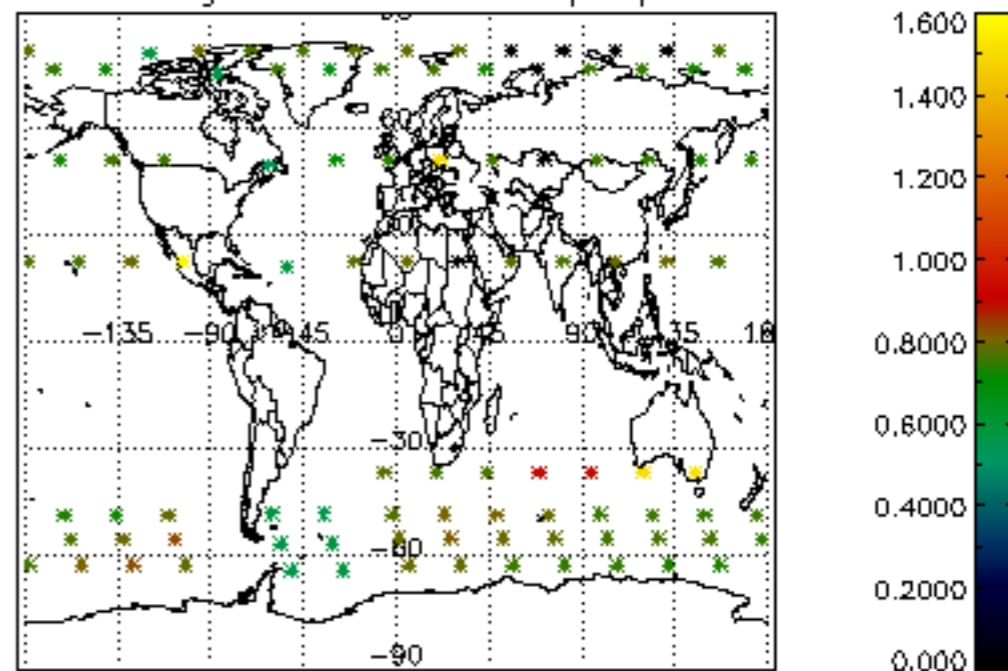




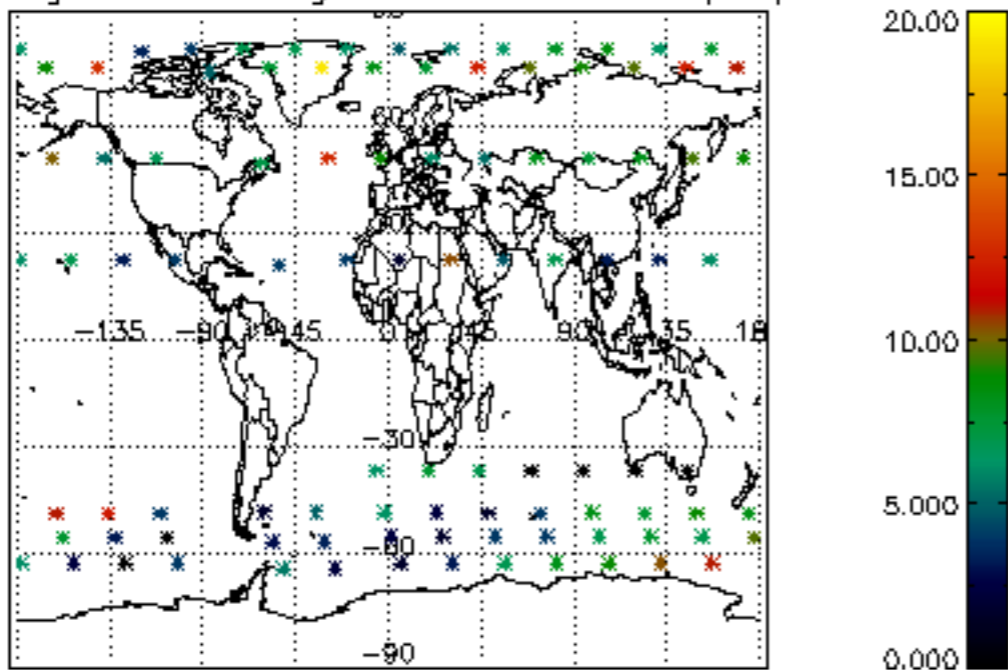
Percentage of cosmic ray hits per profile



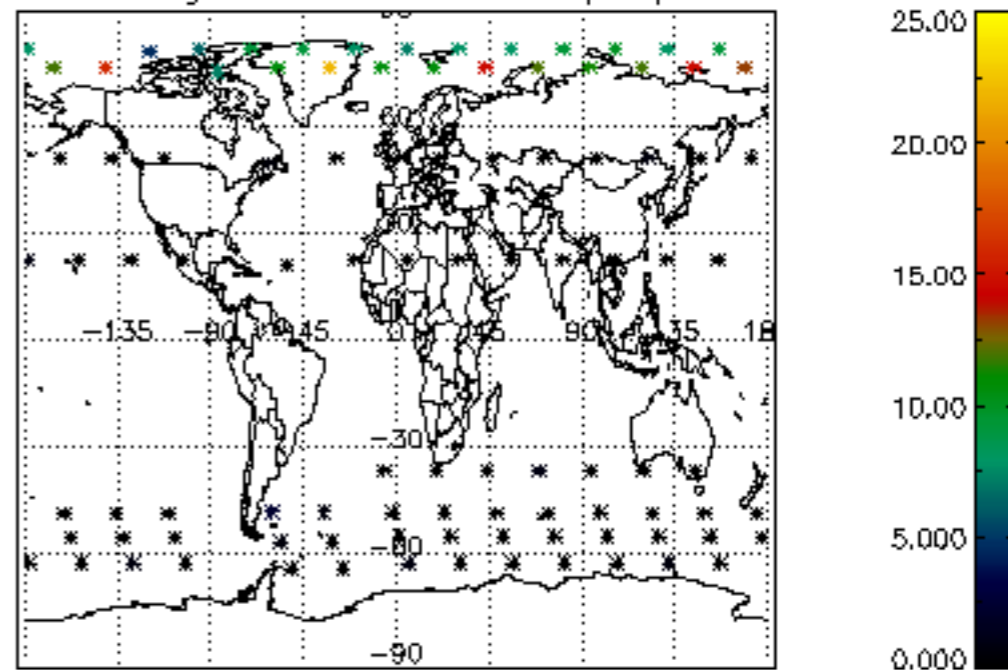
Percentage of datation errors per profile



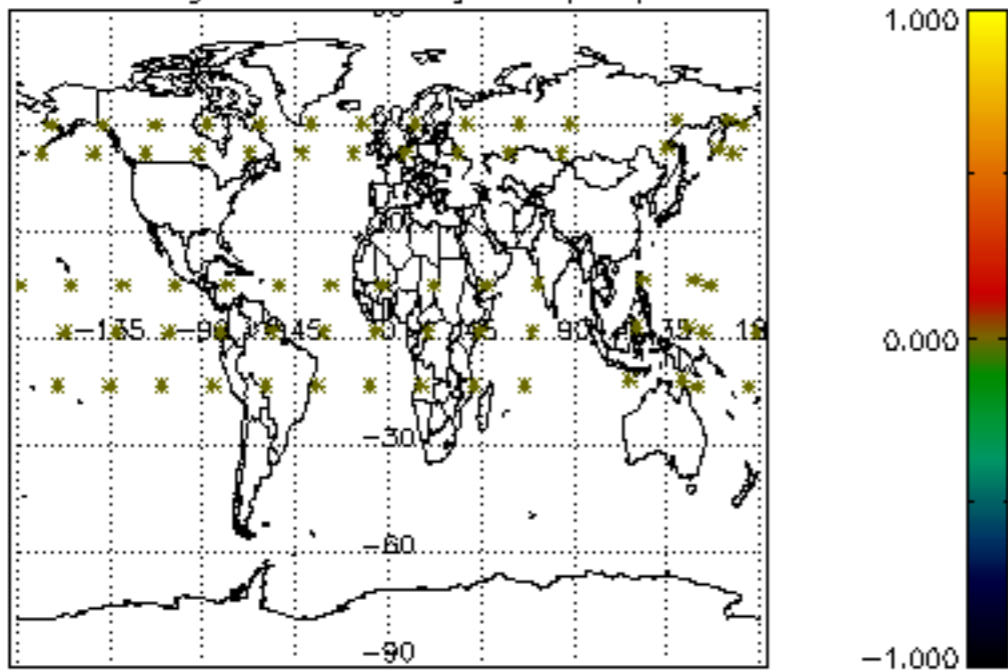
Percentage of star falling outside central band per profile



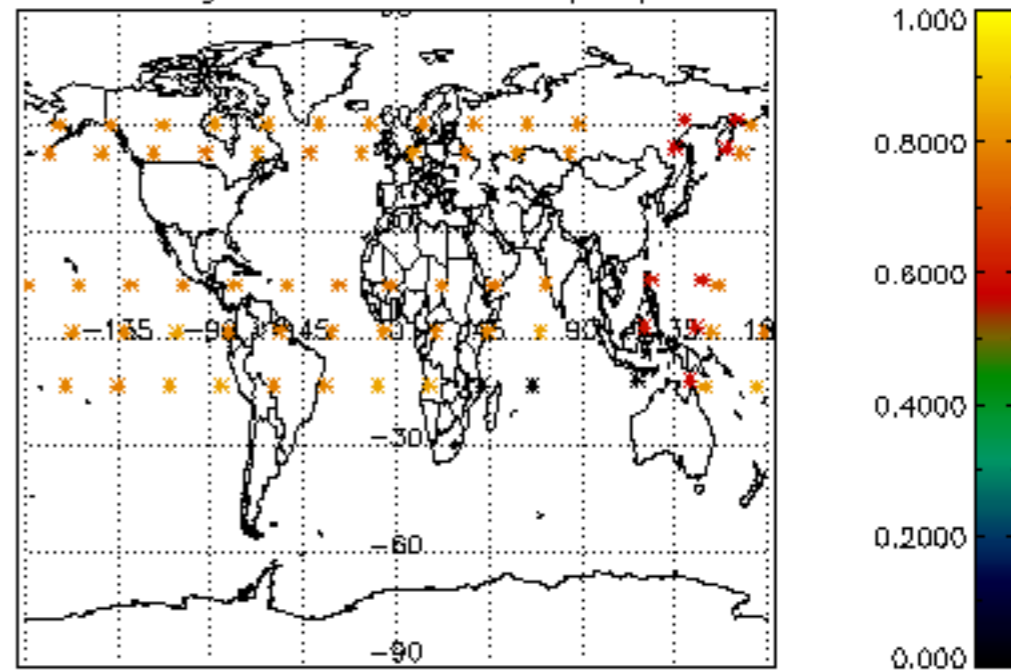
Percentage of saturation errors per profile



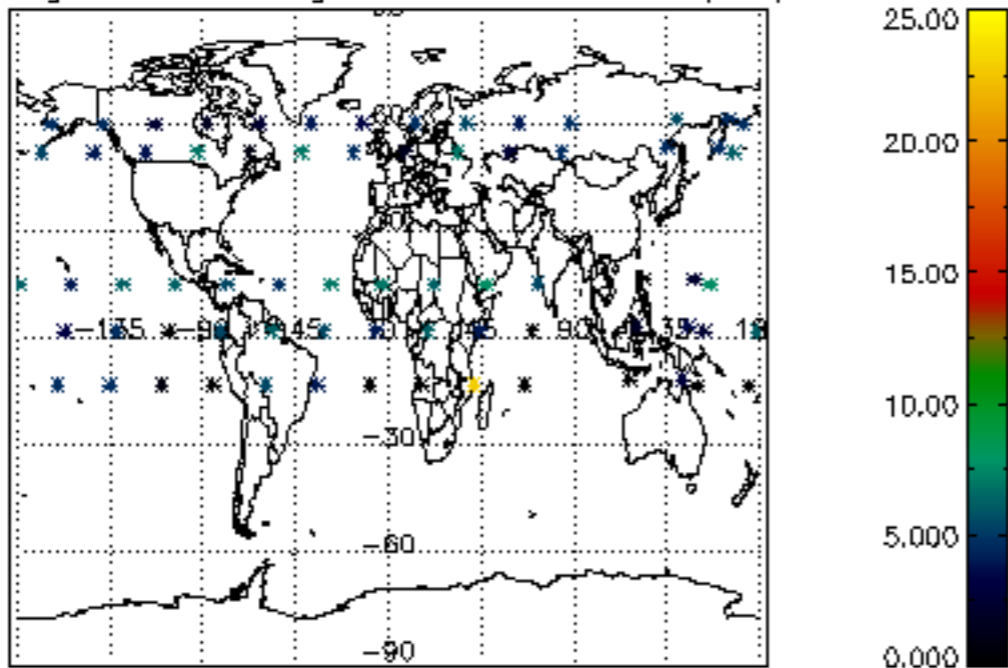
Percentage of cosmic ray hits per profile



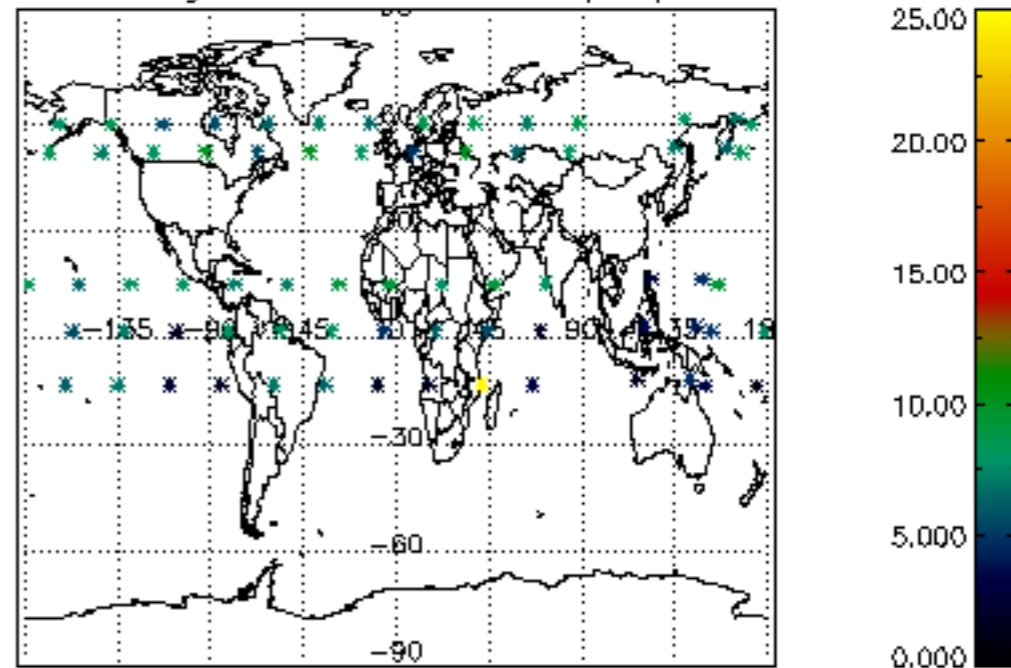
Percentage of datation errors per profile

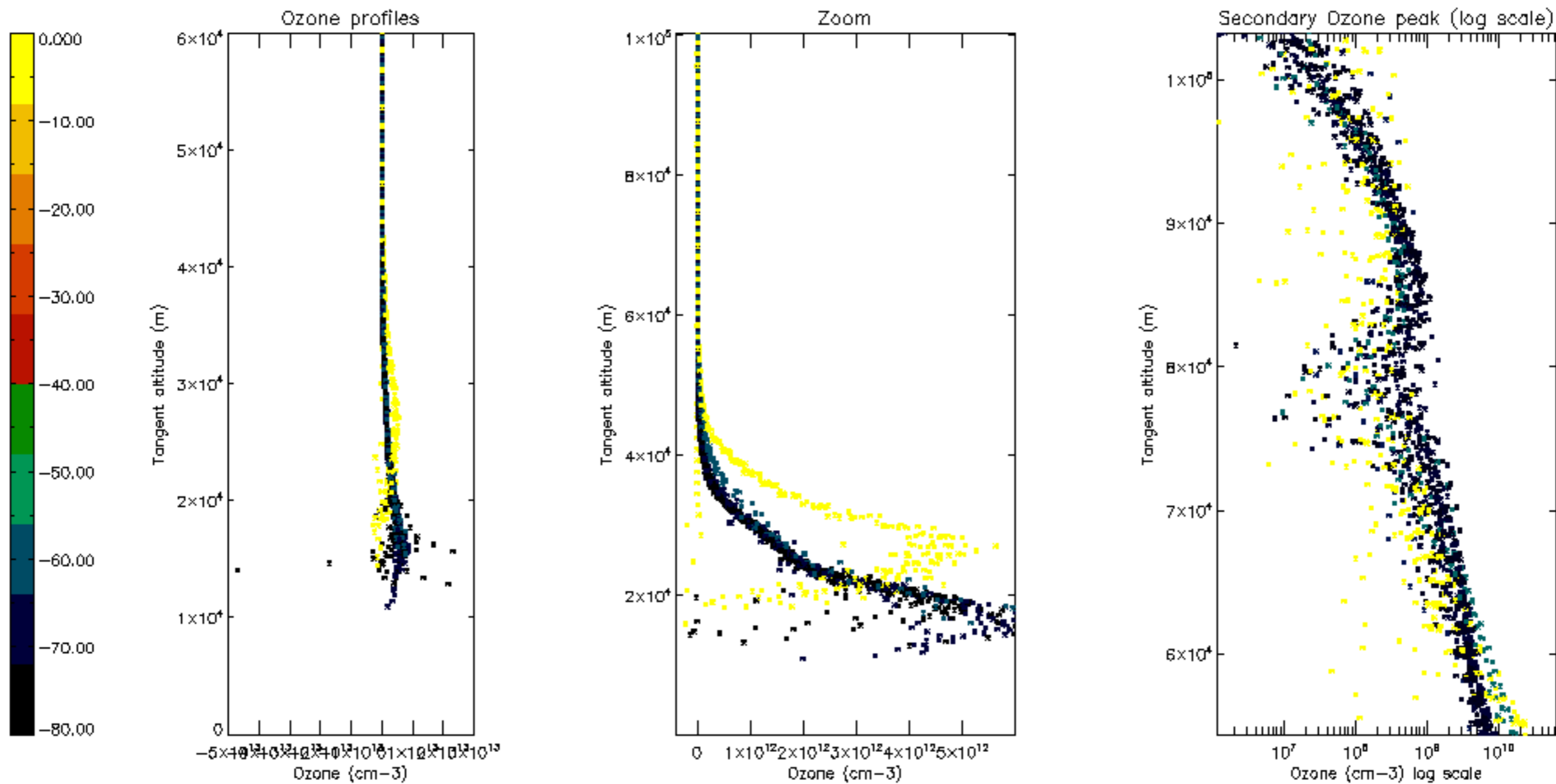


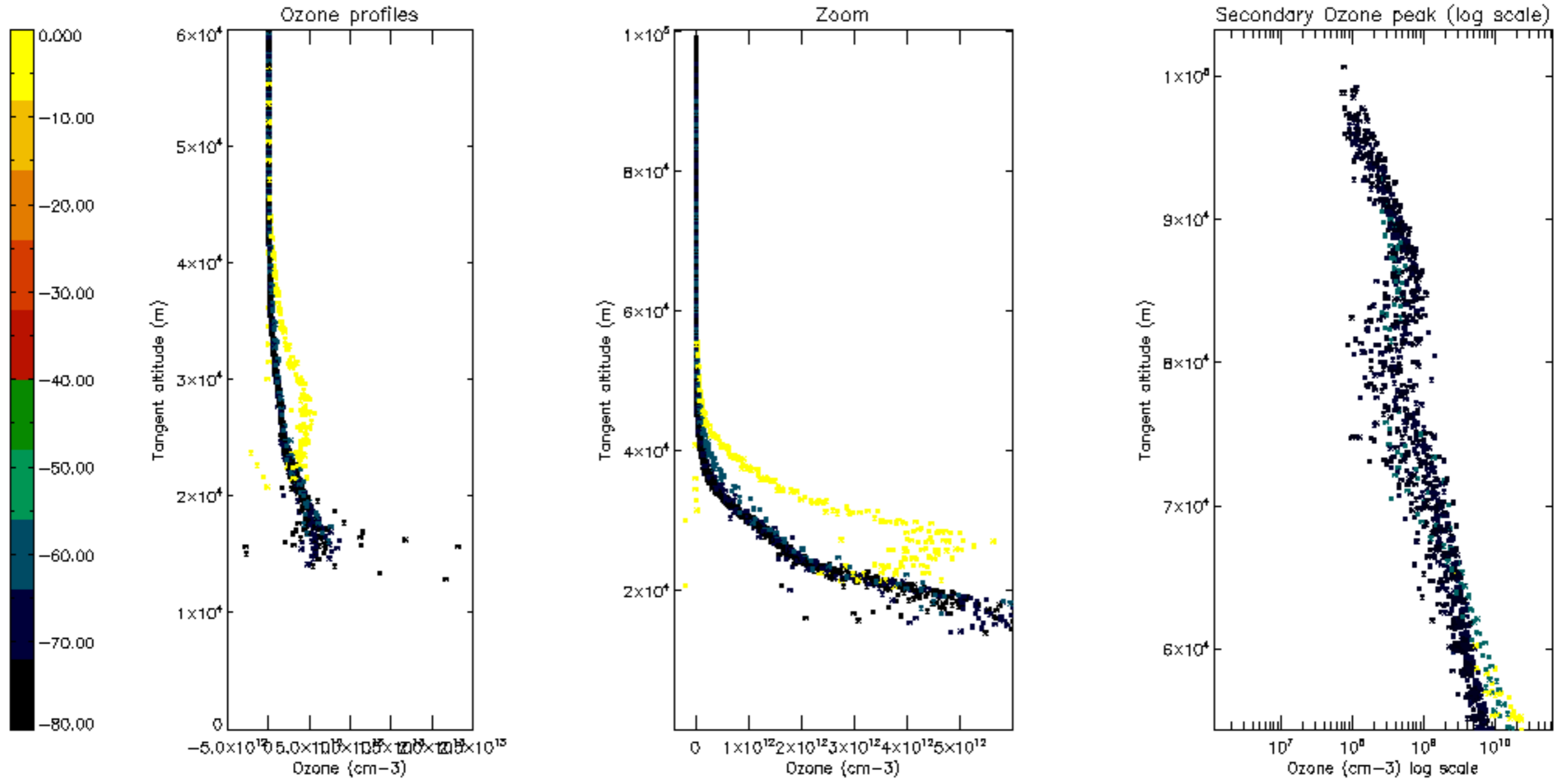
Percentage of star falling outside central band per profile



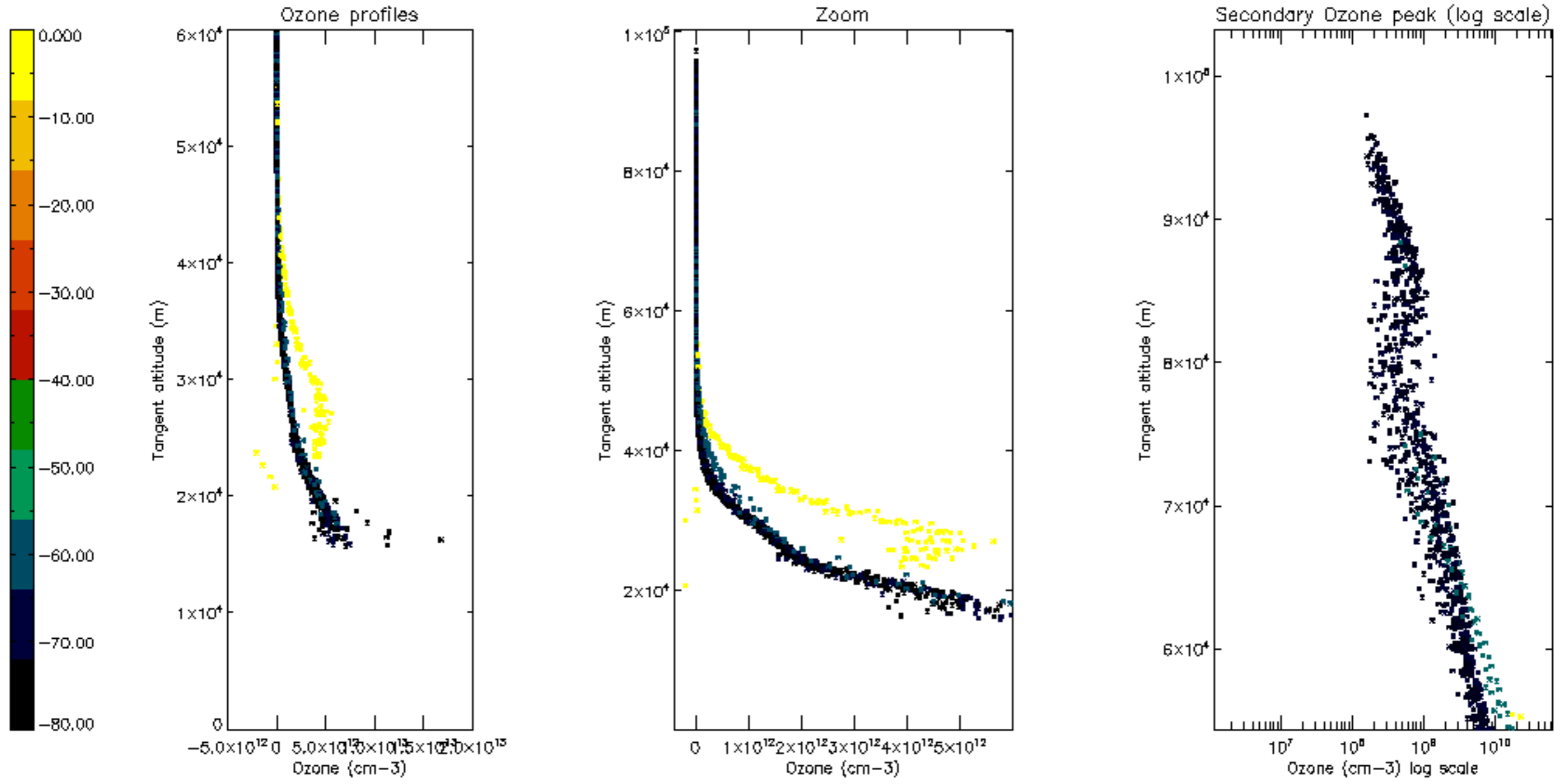
Percentage of saturation errors per profile

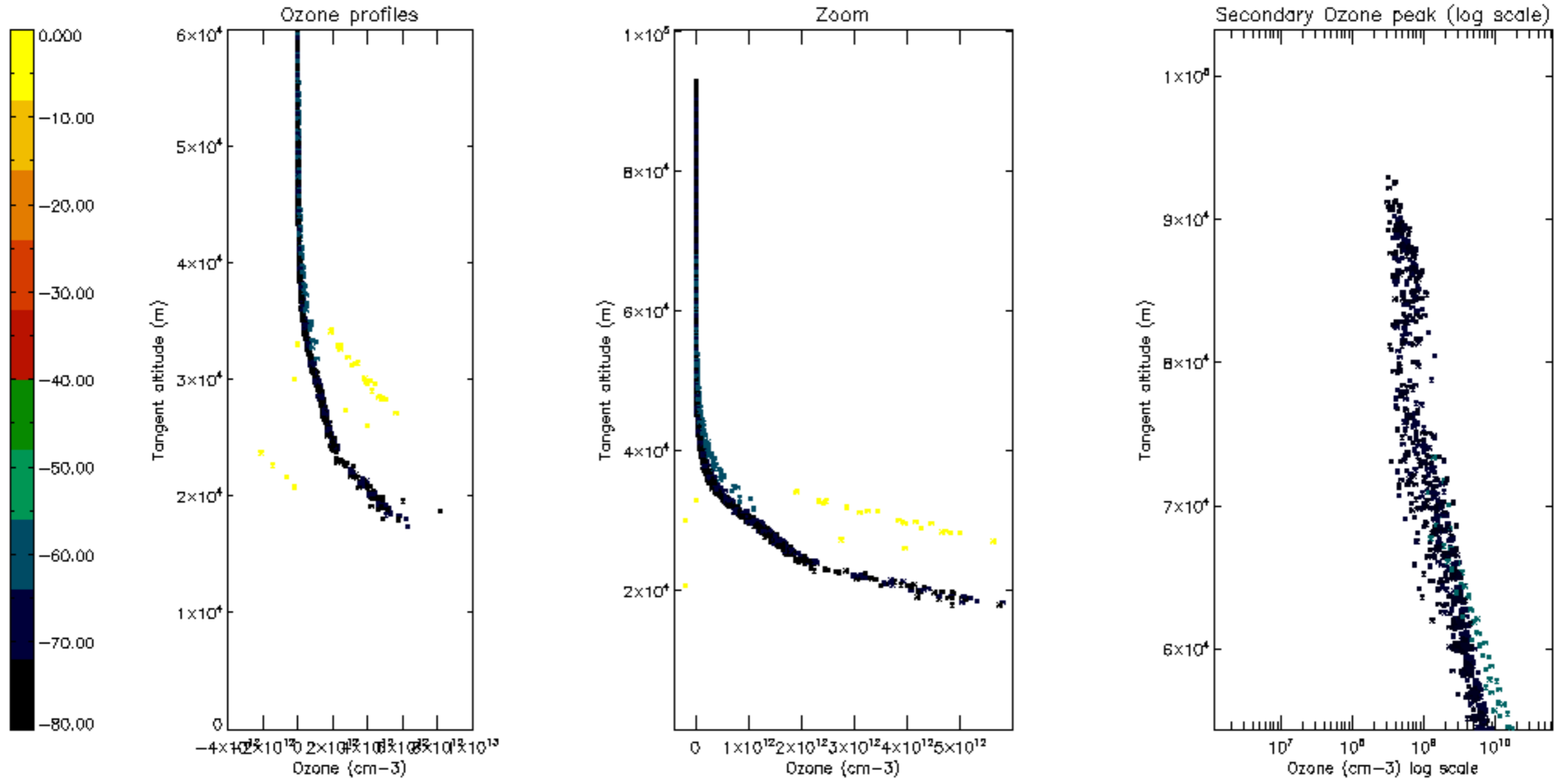


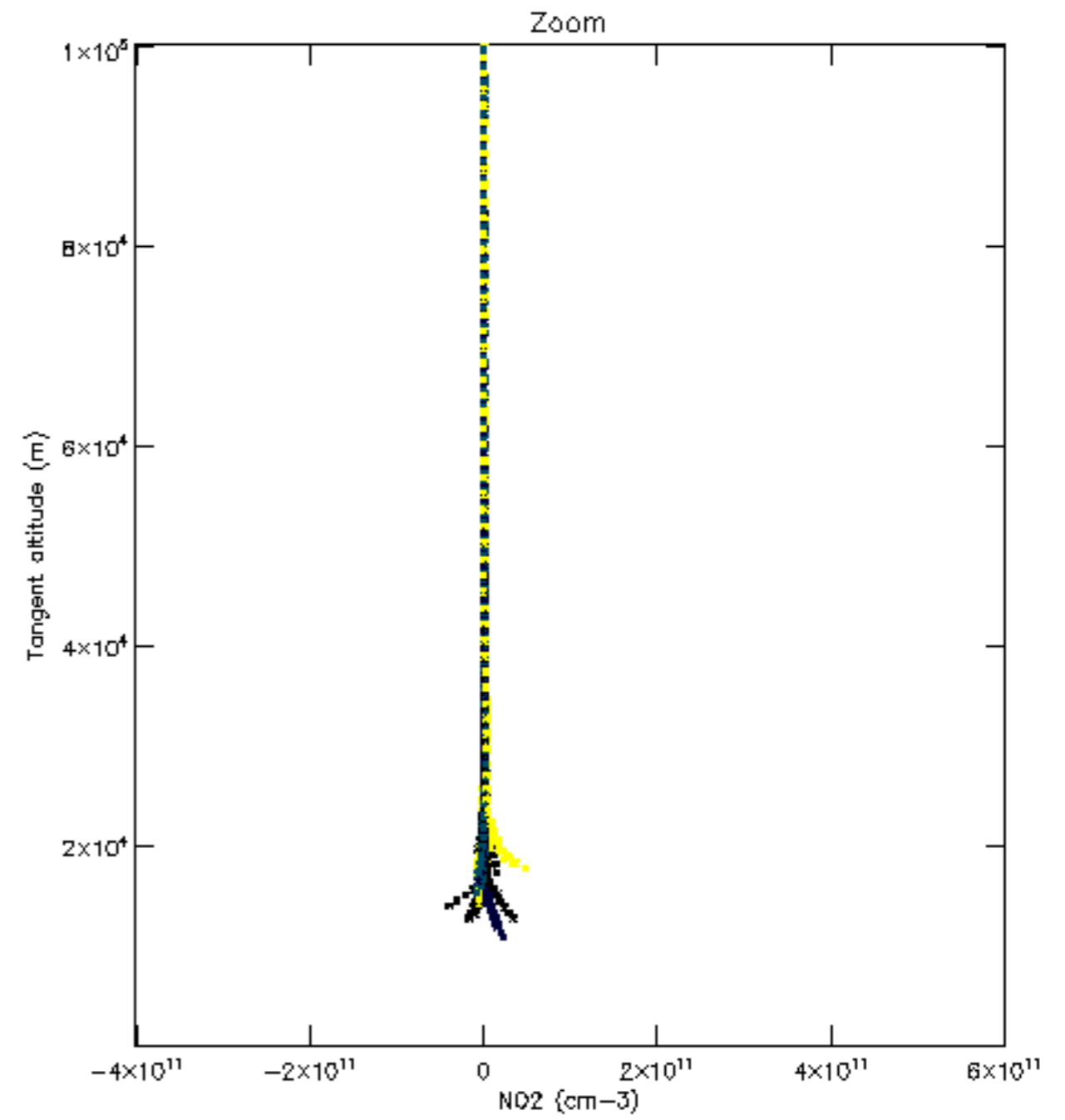
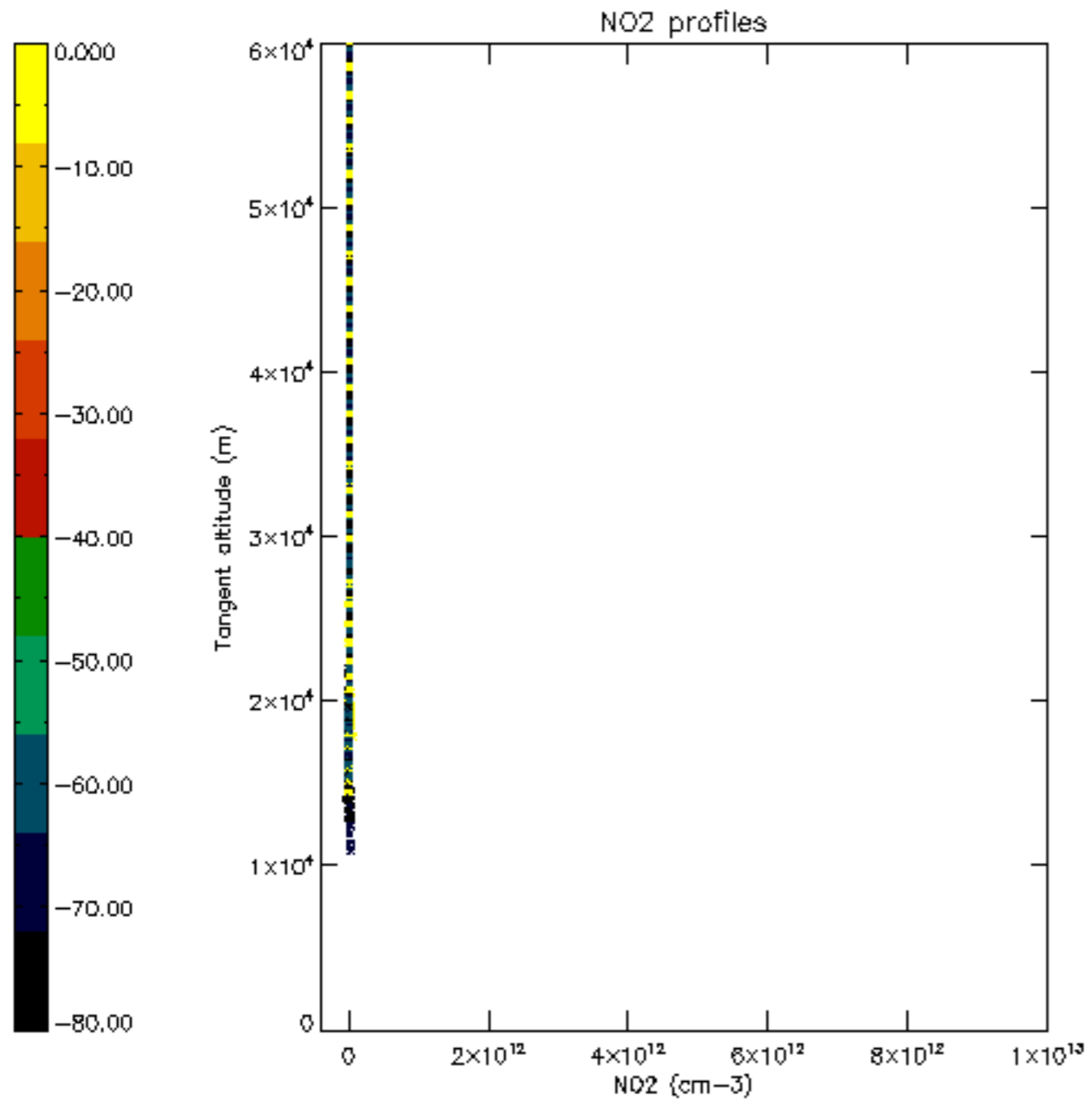


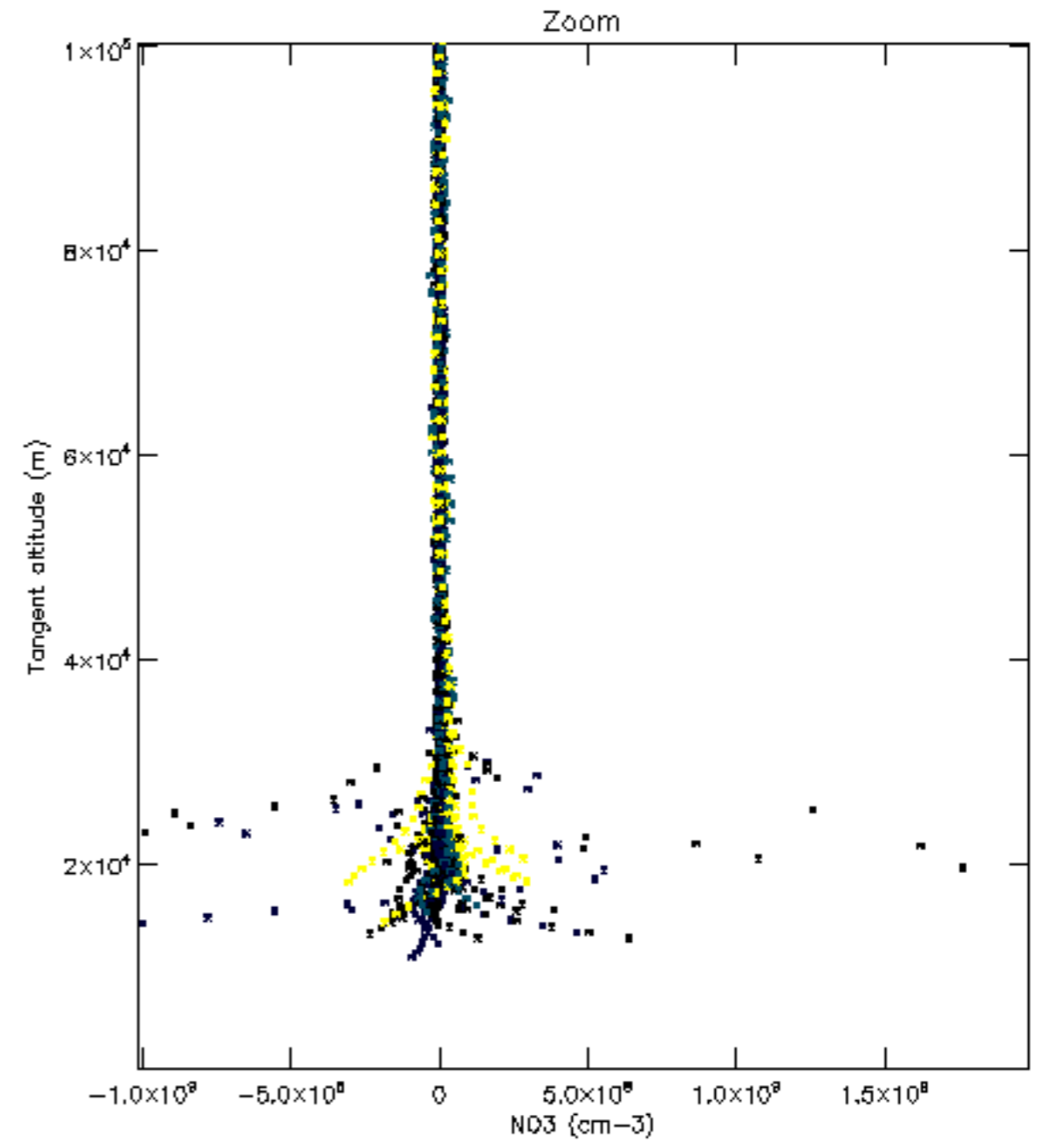
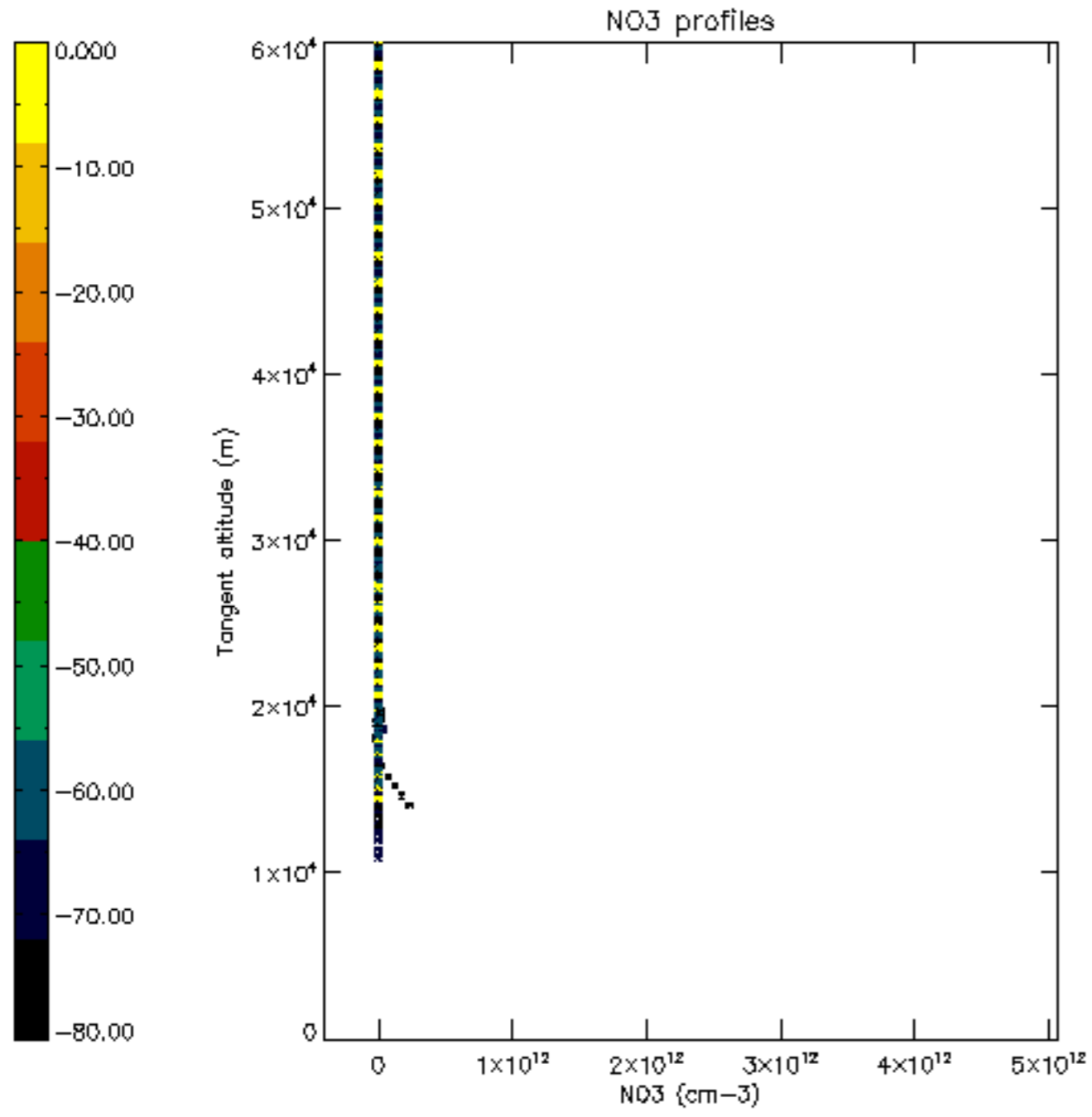




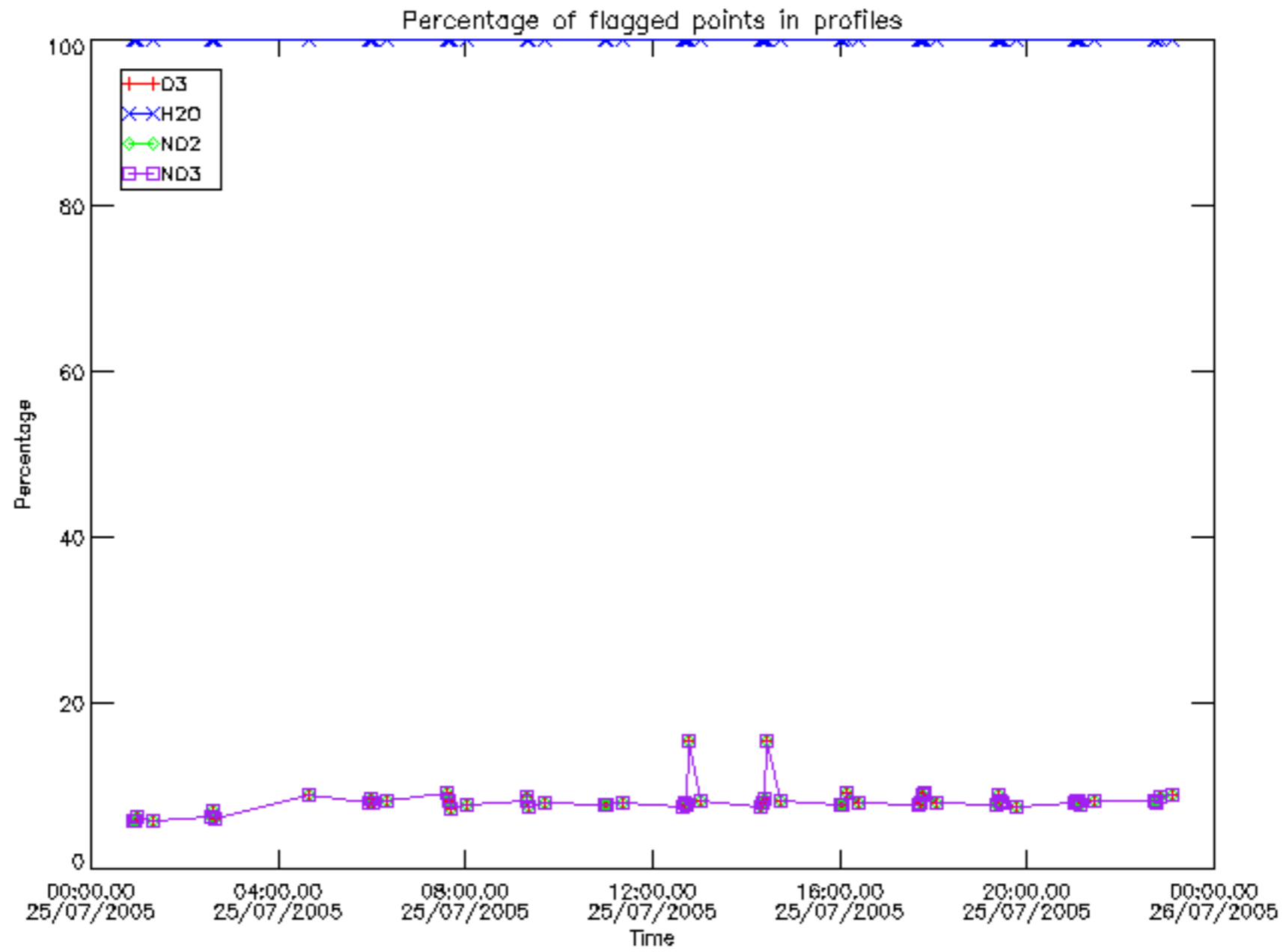




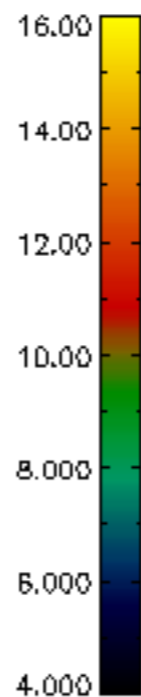
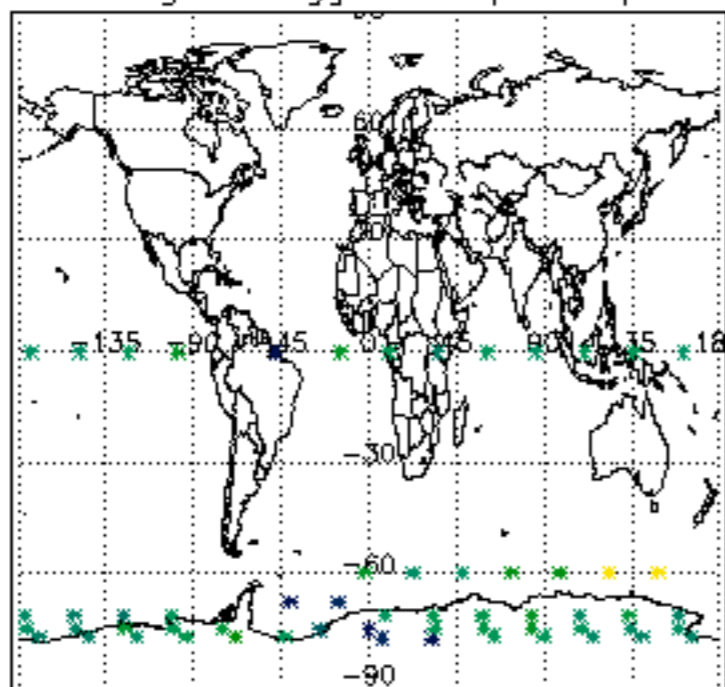




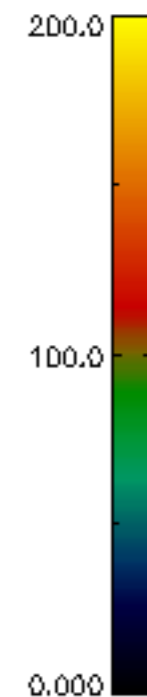
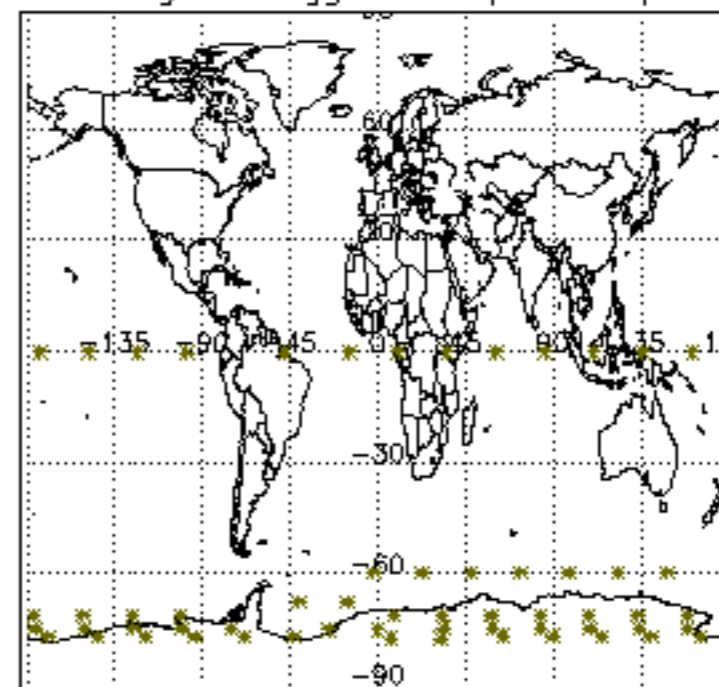




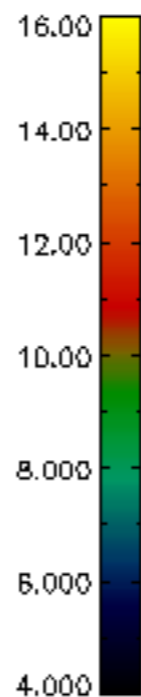
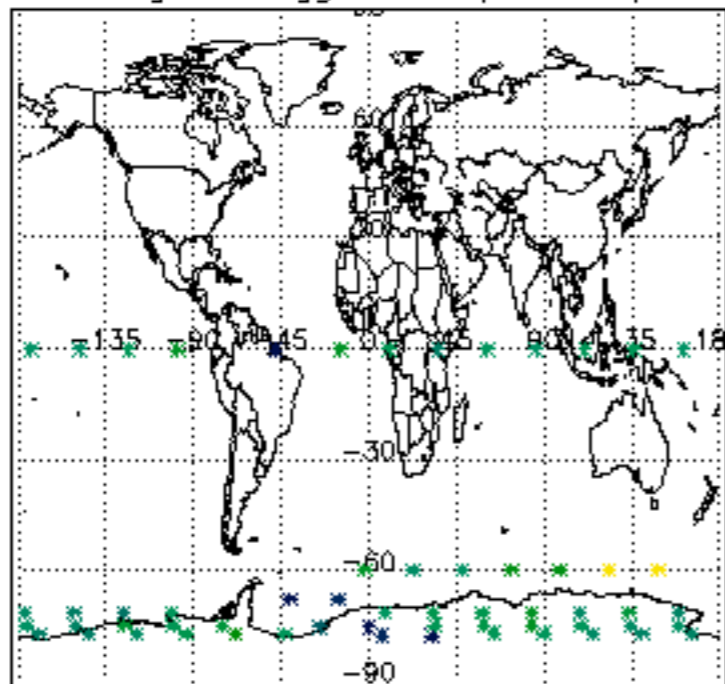
Percentage of flagged data per D3 profile



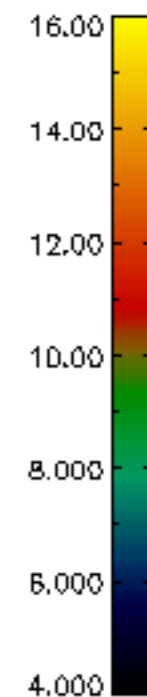
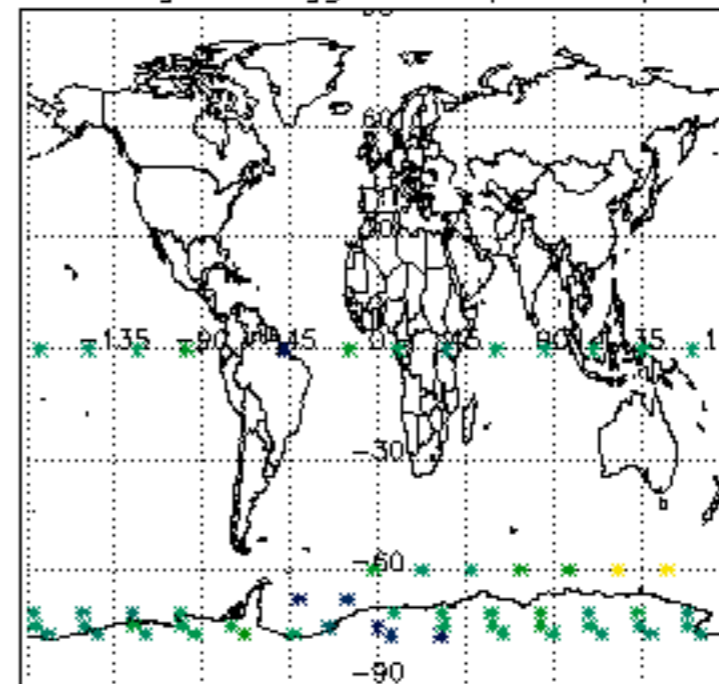
Percentage of flagged data per H2O profile

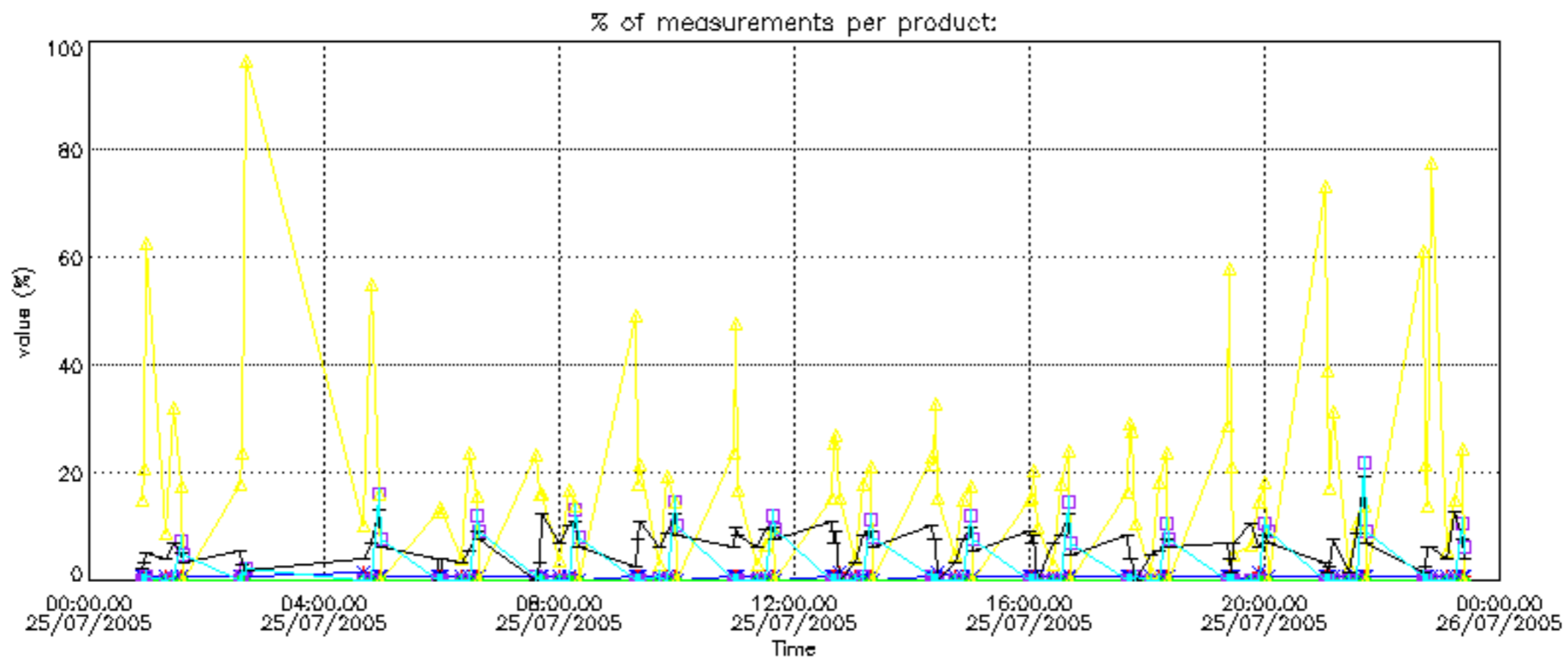


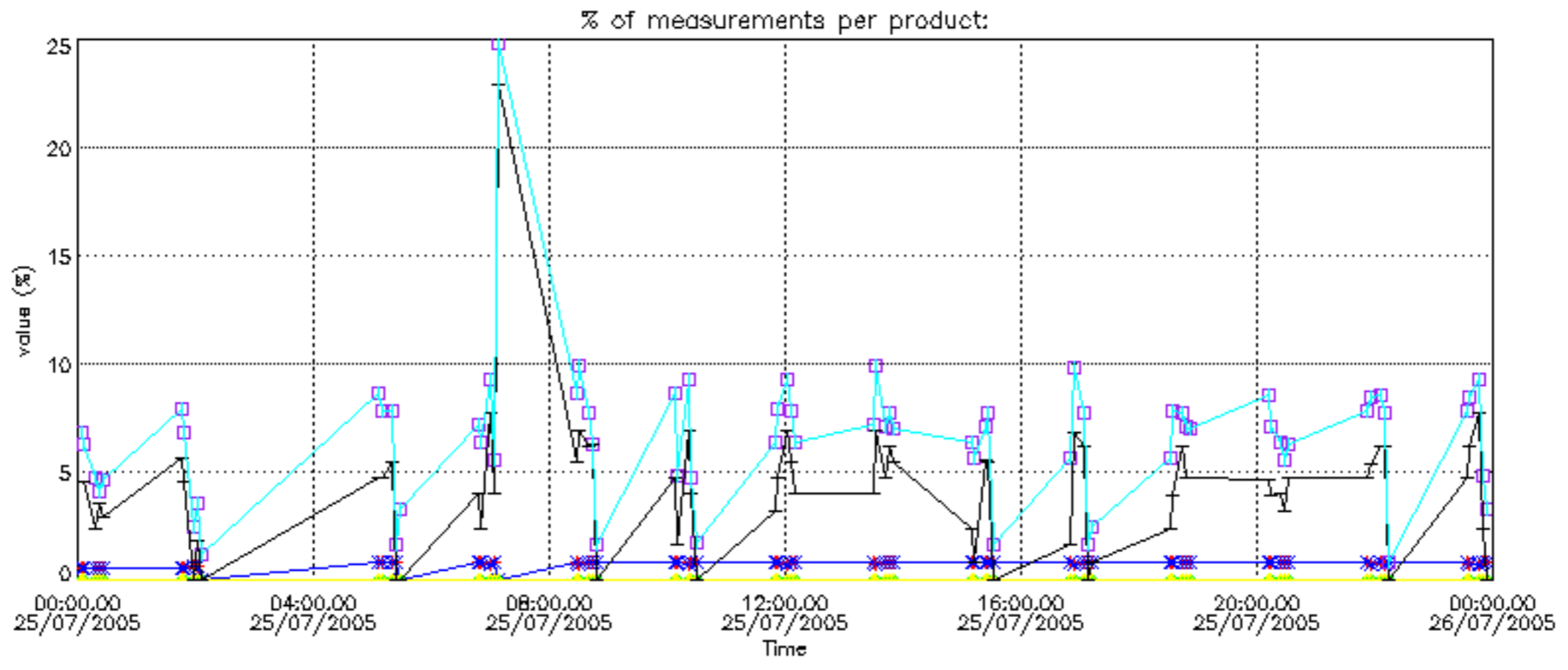
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

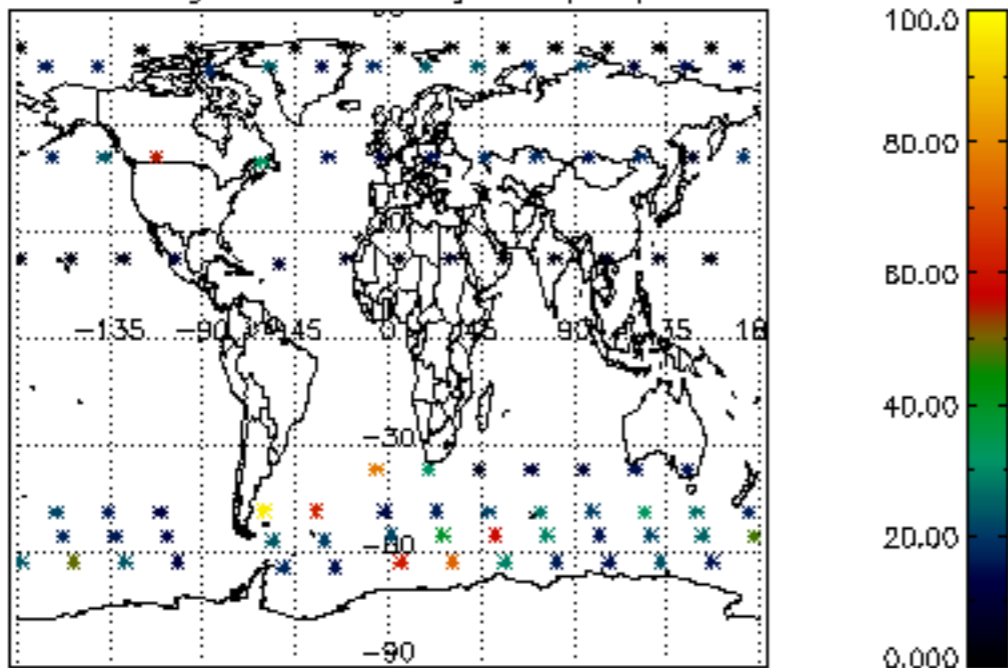




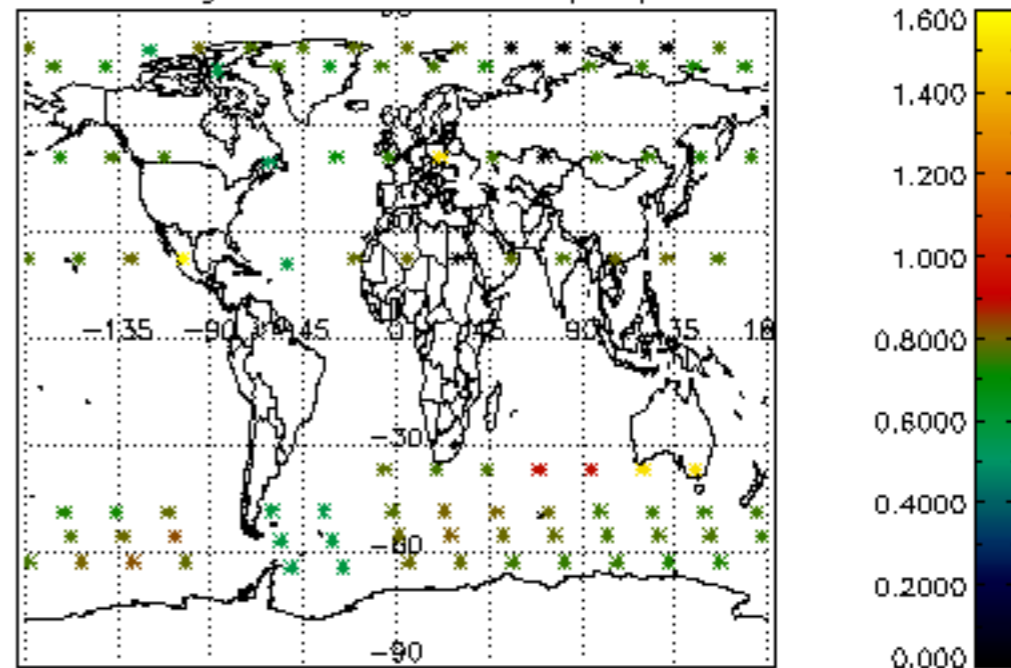




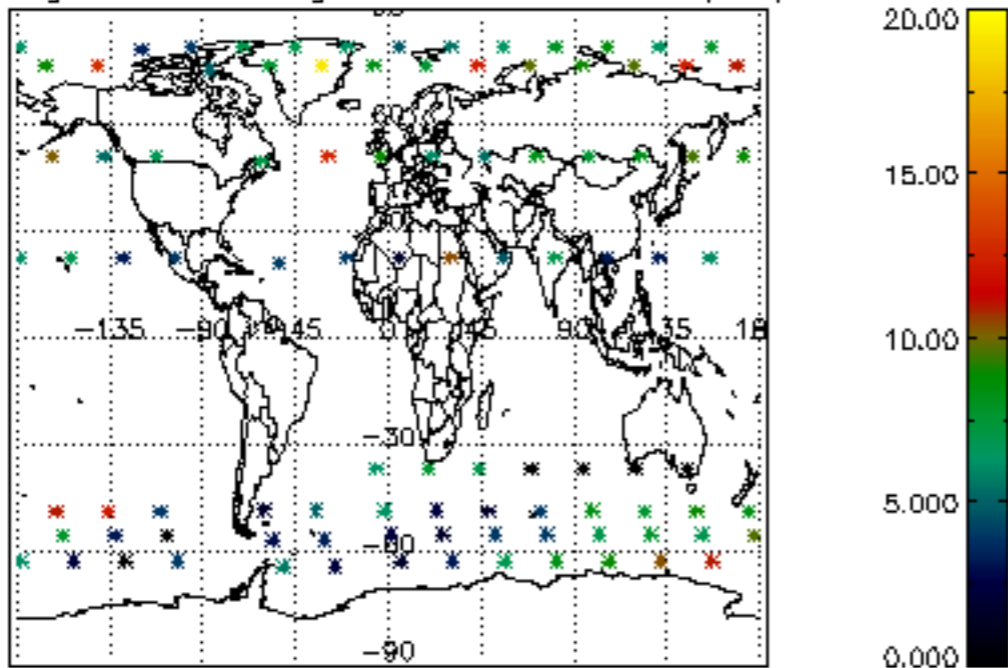
Percentage of cosmic ray hits per profile



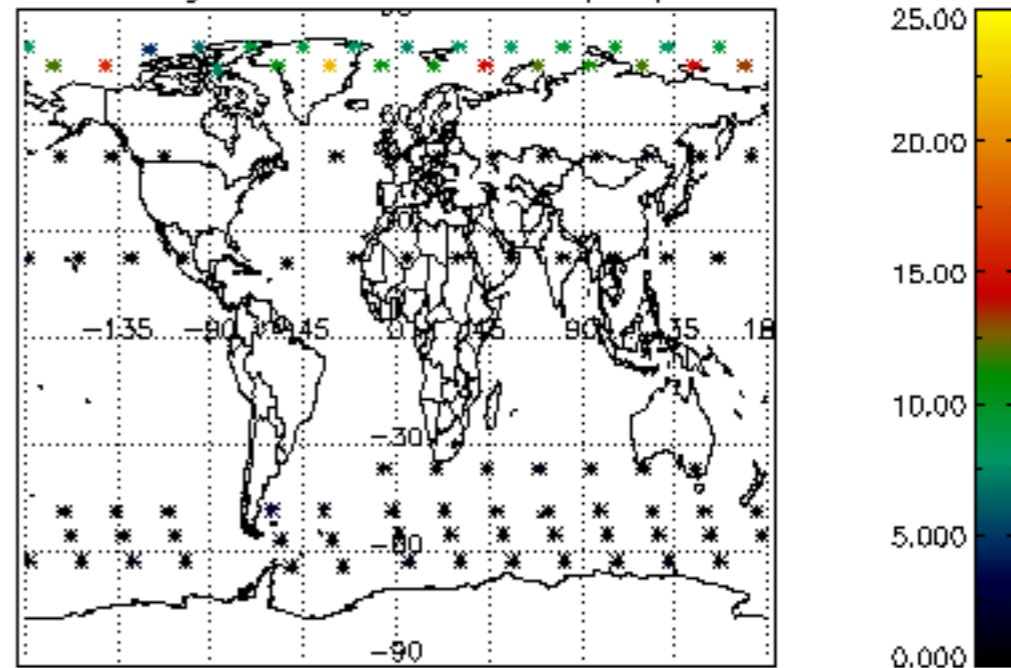
Percentage of datation errors per profile



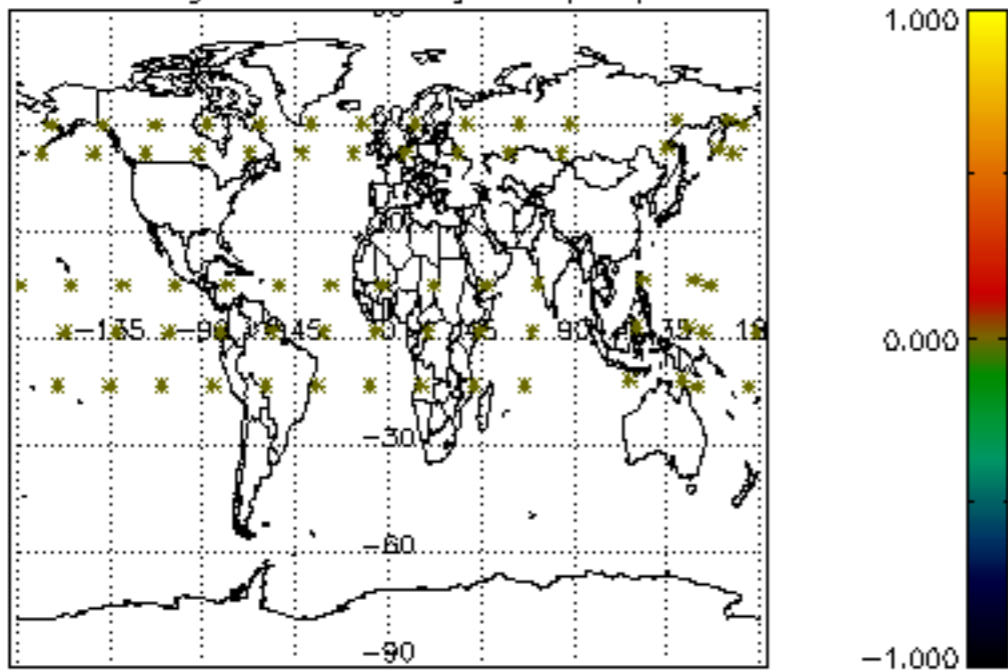
Percentage of star falling outside central band per profile



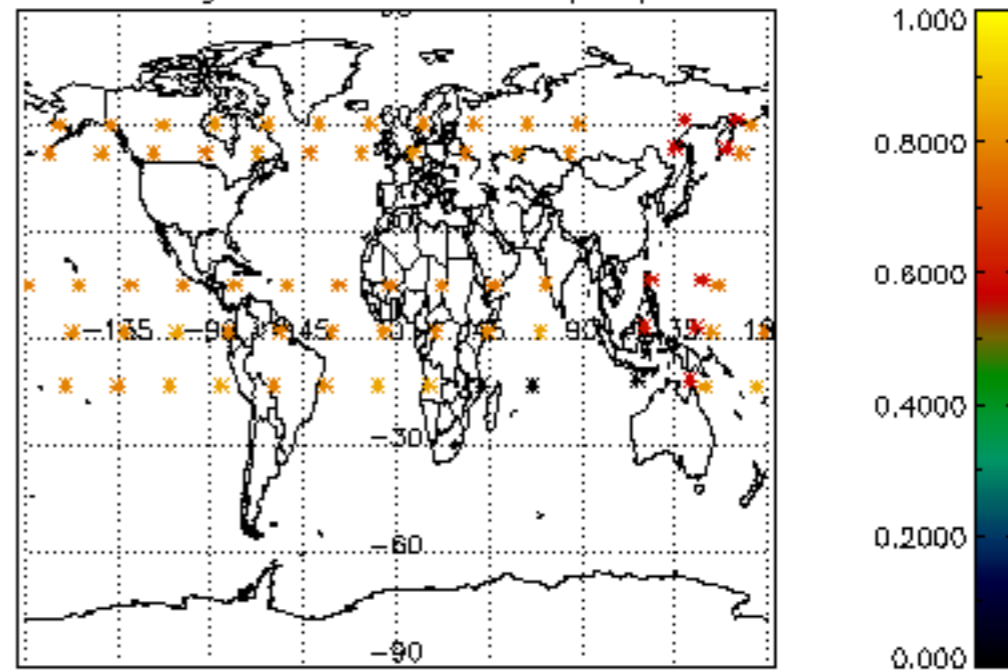
Percentage of saturation errors per profile



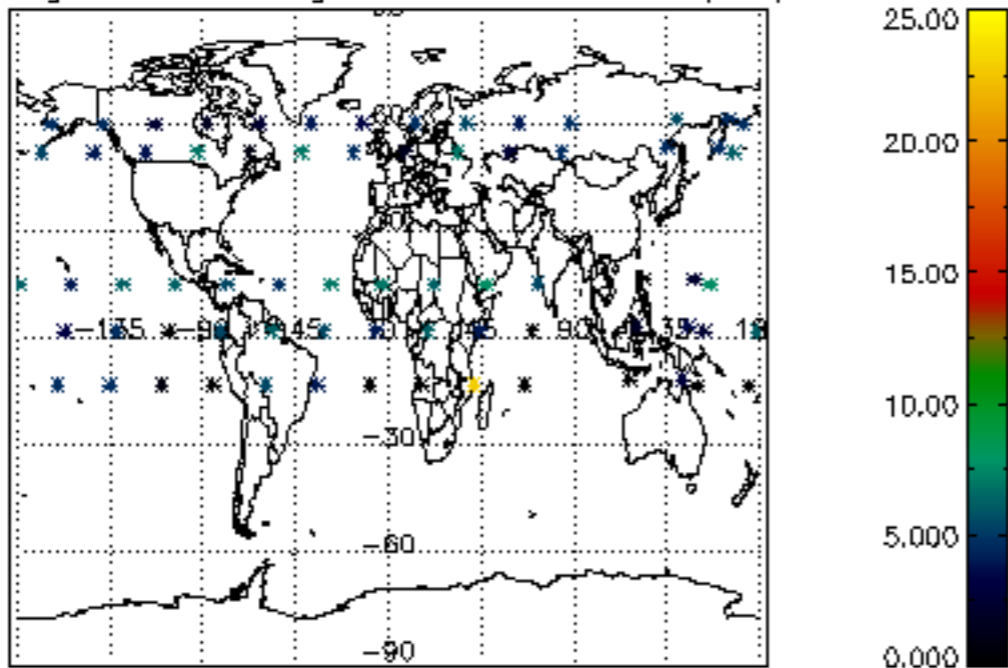
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

