

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 10:03:23
Data source version	GOMOS/6.01
Start time of products	22-07-2005 (22JUL2005 00:00:00)
Stop time of products	23-07-2005 (23JUL2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
Nb of prods with errors	6

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__2PRFIN20050722_000057_000000872039_00145_17734_5201.N1	22-JUL-2005 00:00:57	Bright	87.000	59	55Alp Oph	2.0800	8900.0	174	17734	No
2	GOM_NL__2PRFIN20050722_001153_000000822039_00145_17734_5202.N1	22-JUL-2005 00:11:53	Bright	82.000	130	23Bet Dra	2.7990	5800.0	164	17734	No
3	GOM_NL__2PRFIN20050722_001504_000000842039_00145_17734_5203.N1	22-JUL-2005 00:15:04	Bright	83.500	119	14Eta Dra	2.7270	4700.0	167	17734	No
4	GOM_NL__2PRFIN20050722_001917_000000842039_00145_17734_5204.N1	22-JUL-2005 00:19:17	Bright	84.000	60	7Bet UMi	2.0810	3950.0	168	17734	No
5	GOM_NL__2PRFIN20050722_004616_000000872039_00145_17734_5205.N1	22-JUL-2005 00:46:16	Dark	87.000	27	24Gam Ori	1.6360	26000.	174	17734	No
6	GOM_NL__2PRFIN20050722_004821_000000892039_00145_17734_5206.N1	22-JUL-2005 00:48:21	Dark	89.000	33	50Zet Ori	1.7660	30000.	178	17734	No
7	GOM_NL__2PRFIN20050722_005028_000001002039_00145_17734_5207.N1	22-JUL-2005 00:50:28	Dark	100.00	7	19Bet Ori	0.10000	14000.	200	17734	No
8	GOM_NL__2PRFIN20050722_005249_000000872039_00145_17734_5208.N1	22-JUL-2005 00:52:49	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17734	No
9	GOM_NL__2PRFIN20050722_011215_000000882039_00146_17735_5199.N1	22-JUL-2005 01:12:15	Dark	87.500	135	Bet Hyi	2.8200	5800.0	175	17735	No
10	GOM_NL__2PRFIN20050722_012802_000000932039_00146_17735_5200.N1	22-JUL-2005 01:28:02	Bright	93.000	38	20Eps Sgr	1.8360	11000.	186	17735	No
11	GOM_NL__2PRFIN20050722_013028_000000882039_00146_17735_5201.N1	22-JUL-2005 01:30:28	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17735	No
12	GOM_NL__2PRFIN20050722_013915_000000872039_00146_17735_5202.N1	22-JUL-2005 01:39:15	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17735	No
13	GOM_NL__2PRFIN20050722_014133_000000862039_00146_17735_5203.N1	22-JUL-2005 01:41:33	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17735	No
14	GOM_NL__2PRFIN20050722_015229_000000852039_00146_17735_5204.N1	22-JUL-2005 01:52:29	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17735	No
15	GOM_NL__2PRFIN20050722_015541_000000852039_00146_17735_5205.N1	22-JUL-2005 01:55:41	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17735	No
16	GOM_NL__2PRFIN20050722_015954_000000822039_00146_17735_5206.N1	22-JUL-2005 01:59:54	Bright	82.000	60	7Bet UMi	2.0810	3950.0	164	17735	No
17	GOM_NL__2PRFIN20050722_022652_000000912039_00146_17735_5207.N1	22-JUL-2005 02:26:52	Dark	91.000	27	24Gam Ori	1.6360	26000.	182	17735	No
18	GOM_NL__2PRFIN20050722_022857_000000892039_00146_17735_5208.N1	22-JUL-2005 02:28:57	Dark	89.000	33	50Zet Ori	1.7660	30000.	178	17735	No
19	GOM_NL__2PRFIN20050722_023104_000000902039_00146_17735_5209.N1	22-JUL-2005 02:31:04	Dark	90.000	7	19Bet Ori	0.10000	14000.	180	17735	No
20	GOM_NL__2PRFIN20050722_023325_000000852039_00146_17735_5210.N1	22-JUL-2005 02:33:25	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17735	No
21	GOM_NL__2PRFIN20050722_025251_000000852039_00147_17736_5201.N1	22-JUL-2005 02:52:51	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17736	No
22	GOM_NL__2PRFIN20050722_030838_000000882039_00147_17736_5202.N1	22-JUL-2005 03:08:38	Bright	88.000	38	20Eps Sgr	1.8360	11000.	176	17736	No
23	GOM_NL__2PRFIN20050722_031104_000000882039_00147_17736_5203.N1	22-JUL-2005 03:11:04	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17736	No
24	GOM_NL__2PRFIN20050722_031951_000000852039_00147_17736_5204.N1	22-JUL-2005 03:19:51	Bright	84.500	126	60Bet Oph	2.7700	4250.0	169	17736	No
25	GOM_NL__2PRFIN20050722_032209_000000862039_00147_17736_5205.N1	22-JUL-2005 03:22:09	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17736	No
26	GOM_NL__2PRFIN20050722_032818_000000112039_00147_17736_5206.N1	22-JUL-2005 03:28:18	Dark	11.000	133	40Zet Her	2.8070	6000.0	22	17736	Yes
27	GOM_NL__2PRFIN20050722_033305_000000852039_00147_17736_5207.N1	22-JUL-2005 03:33:05	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17736	No
28	GOM_NL__2PRFIN20050722_033617_000000822039_00147_17736_5208.N1	22-JUL-2005 03:36:17	Bright	82.000	119	14Eta Dra	2.7270	4700.0	164	17736	No
29	GOM_NL__2PRFIN20050722_034030_000000832039_00147_17736_5209.N1	22-JUL-2005 03:40:30	Bright	82.500	60	7Bet UMi	2.0810	3950.0	165	17736	No
30	GOM_NL__2PRFIN20050722_040728_000000922039_00147_17736_5210.N1	22-JUL-2005 04:07:28	Dark	91.500	27	24Gam Ori	1.6360	26000.	183	17736	No
31	GOM_NL__2PRFIN20050722_040934_000000882039_00147_17736_5211.N1	22-JUL-2005 04:09:34	Dark	87.500	33	50Zet Ori	1.7660	30000.	175	17736	No
32	GOM_NL__2PRFIN20050722_041140_000000872039_00147_17736_5212.N1	22-JUL-2005 04:11:40	Dark	87.000	7	19Bet Ori	0.10000	14000.	174	17736	No
33	GOM_NL__2PRFIN20050722_041402_000000852039_00147_17736_5213.N1	22-JUL-2005 04:14:02	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17736	No
34	GOM_NL__2PRFIN20050722_043327_000000862039_00148_17737_5203.N1	22-JUL-2005 04:33:27	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17737	No
35	GOM_NL__2PRFIN20050722_044914_000000892039_00148_17737_5204.N1	22-JUL-2005 04:49:14	Bright	89.000	38	20Eps Sgr	1.8360	11000.	178	17737	No
36	GOM_NL__2PRFIN20050722_045140_000000882039_00148_17737_5205.N1	22-JUL-2005 04:51:40	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17737	No
37	GOM_NL__2PRFIN20050722_050027_000000872039_00148_17737_5206.N1	22-JUL-2005 05:00:27	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17737	No
38	GOM_NL__2PRFIN20050722_050246_000000872039_00148_17737_5207.N1	22-JUL-2005 05:02:46	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17737	No
39	GOM_NL__2PRFIN20050722_050854_000000112039_00148_17737_5208.N1	22-JUL-2005 05:08:54	Dark	11.000	133	40Zet Her	2.8070	6000.0	22	17737	Yes
40	GOM_NL__2PRFIN20050722_051341_000000862039_00148_17737_5209.N1	22-JUL-2005 05:13:41	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17737	No
41	GOM_NL__2PRFIN20050722_051653_000000852039_00148_17737_5210.N1	22-JUL-2005 05:16:53	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17737	No
42	GOM_NL__2PRFIN20050722_052106_000000852039_00148_17737_5211.N1	22-JUL-2005 05:21:06	Bright	85.000	60	7Bet UMi	2.0810	3950.0	170	17737	No

43	GOM_NL__2PRFIN20050722_054805_00000892039_00148_17737_5212.N1	22-JUL-2005 05:48:05	Dark	89.000	27	24Gam Ori	1.6360	26000.	178	17737	No
44	GOM_NL__2PRFIN20050722_055010_00000872039_00148_17737_5213.N1	22-JUL-2005 05:50:10	Dark	87.000	33	50Zet Ori	1.7660	30000.	174	17737	No
45	GOM_NL__2PRFIN20050722_055217_00000872039_00148_17737_5214.N1	22-JUL-2005 05:52:17	Dark	87.000	7	19Bet Ori	0.10000	14000.	174	17737	No
46	GOM_NL__2PRFIN20050722_055438_00000902039_00148_17737_5215.N1	22-JUL-2005 05:54:38	Dark	90.000	101	11Alp Lep	2.5820	7000.0	180	17737	No
47	GOM_NL__2PRFIN20050722_061403_00000862039_00149_17738_5205.N1	22-JUL-2005 06:14:03	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17738	No
48	GOM_NL__2PRFIN20050722_062950_00000902039_00149_17738_5206.N1	22-JUL-2005 06:29:50	Bright	90.000	38	20Eps Sgr	1.8360	11000.	180	17738	No
49	GOM_NL__2PRFIN20050722_063216_00000892039_00149_17738_5207.N1	22-JUL-2005 06:32:16	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17738	No
50	GOM_NL__2PRFIN20050722_064103_00000872039_00149_17738_5208.N1	22-JUL-2005 06:41:03	Bright	87.000	126	60Bet Oph	2.7700	4250.0	174	17738	No
51	GOM_NL__2PRFIN20050722_064322_00000862039_00149_17738_5209.N1	22-JUL-2005 06:43:22	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17738	No
52	GOM_NL__2PRFIN20050722_065417_00000862039_00149_17738_5210.N1	22-JUL-2005 06:54:17	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17738	No
53	GOM_NL__2PRFIN20050722_065729_00000862039_00149_17738_5211.N1	22-JUL-2005 06:57:29	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	17738	No
54	GOM_NL__2PRFIN20050722_070142_00000872039_00149_17738_5212.N1	22-JUL-2005 07:01:42	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17738	No
55	GOM_NL__2PRFIN20050722_072841_00000882039_00149_17738_5213.N1	22-JUL-2005 07:28:41	Dark	88.000	27	24Gam Ori	1.6360	26000.	176	17738	No
56	GOM_NL__2PRFIN20050722_073046_00000872039_00149_17738_5214.N1	22-JUL-2005 07:30:46	Dark	87.000	33	50Zet Ori	1.7660	30000.	174	17738	No
57	GOM_NL__2PRFIN20050722_073253_00000912039_00149_17738_5215.N1	22-JUL-2005 07:32:53	Dark	91.000	7	19Bet Ori	0.10000	14000.	182	17738	No
58	GOM_NL__2PRFIN20050722_073514_00000902039_00149_17738_5216.N1	22-JUL-2005 07:35:14	Dark	89.500	101	11Alp Lep	2.5820	7000.0	179	17738	No
59	GOM_NL__2PRFIN20050722_075439_00000862039_00150_17739_5206.N1	22-JUL-2005 07:54:39	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17739	No
60	GOM_NL__2PRFIN20050722_081026_00000922039_00150_17739_5207.N1	22-JUL-2005 08:10:26	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17739	No
61	GOM_NL__2PRFIN20050722_081252_00000882039_00150_17739_5208.N1	22-JUL-2005 08:12:52	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17739	No
62	GOM_NL__2PRFIN20050722_082139_00000862039_00150_17739_5209.N1	22-JUL-2005 08:21:39	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17739	No
63	GOM_NL__2PRFIN20050722_082358_00000872039_00150_17739_5210.N1	22-JUL-2005 08:23:58	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17739	No
64	GOM_NL__2PRFIN20050722_083453_00000872039_00150_17739_5211.N1	22-JUL-2005 08:34:53	Bright	86.500	130	23Bet Dra	2.7990	5800.0	173	17739	No
65	GOM_NL__2PRFIN20050722_083805_00000852039_00150_17739_5212.N1	22-JUL-2005 08:38:05	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17739	No
66	GOM_NL__2PRFIN20050722_084219_00000852039_00150_17739_5213.N1	22-JUL-2005 08:42:19	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17739	No
67	GOM_NL__2PRFIN20050722_090917_00000882039_00150_17739_5214.N1	22-JUL-2005 09:09:17	Dark	88.000	27	24Gam Ori	1.6360	26000.	176	17739	No
68	GOM_NL__2PRFIN20050722_091122_00000882039_00150_17739_5215.N1	22-JUL-2005 09:11:22	Dark	87.500	33	50Zet Ori	1.7660	30000.	175	17739	No
69	GOM_NL__2PRFIN20050722_091329_00000912039_00150_17739_5216.N1	22-JUL-2005 09:13:29	Dark	91.000	7	19Bet Ori	0.10000	14000.	182	17739	No
70	GOM_NL__2PRFIN20050722_091550_00000872039_00150_17739_5217.N1	22-JUL-2005 09:15:50	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17739	No
71	GOM_NL__2PRFIN20050722_093516_00000852039_00151_17740_5207.N1	22-JUL-2005 09:35:16	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17740	No
72	GOM_NL__2PRFIN20050722_095102_00000912039_00151_17740_5208.N1	22-JUL-2005 09:51:02	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17740	No
73	GOM_NL__2PRFIN20050722_095328_00000872039_00151_17740_5209.N1	22-JUL-2005 09:53:28	Bright	86.500	137	22Lam Sgr	2.8240	4400.0	173	17740	No
74	GOM_NL__2PRFIN20050722_100215_00000862039_00151_17740_5210.N1	22-JUL-2005 10:02:15	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17740	No
75	GOM_NL__2PRFIN20050722_100434_00000862039_00151_17740_5211.N1	22-JUL-2005 10:04:34	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17740	No
76	GOM_NL__2PRFIN20050722_101529_00000852039_00151_17740_5212.N1	22-JUL-2005 10:15:29	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17740	No
77	GOM_NL__2PRFIN20050722_101841_00000862039_00151_17740_5213.N1	22-JUL-2005 10:18:41	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17740	No
78	GOM_NL__2PRFIN20050722_102255_00000862039_00151_17740_5214.N1	22-JUL-2005 10:22:55	Bright	85.500	60	7Bet UMi	2.0810	3950.0	171	17740	No
79	GOM_NL__2PRFIN20050722_105149_00000892039_00151_17740_5215.N1	22-JUL-2005 10:51:49	Dark	88.500	30	46Eps Ori	1.6940	30000.	177	17740	No
80	GOM_NL__2PRFIN20050722_105405_00000952039_00151_17740_5216.N1	22-JUL-2005 10:54:05	Dark	94.500	7	19Bet Ori	0.10000	14000.	189	17740	No
81	GOM_NL__2PRFIN20050722_105626_00000912039_00151_17740_5217.N1	22-JUL-2005 10:56:26	Dark	91.000	101	11Alp Lep	2.5820	7000.0	182	17740	No
82	GOM_NL__2PRFIN20050722_111552_00000852039_00152_17741_5228.N1	22-JUL-2005 11:15:52	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17741	No
83	GOM_NL__2PRFIN20050722_113138_00000922039_00152_17741_5229.N1	22-JUL-2005 11:31:38	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17741	No
84	GOM_NL__2PRFIN20050722_113405_00000882039_00152_17741_5230.N1	22-JUL-2005 11:34:05	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17741	No
85	GOM_NL__2PRFIN20050722_114251_00000862039_00152_17741_5231.N1	22-JUL-2005 11:42:51	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17741	No
86	GOM_NL__2PRFIN20050722_114510_00000862039_00152_17741_5232.N1	22-JUL-2005 11:45:10	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17741	No
87	GOM_NL__2PRFIN20050722_115605_00000862039_00152_17741_5233.N1	22-JUL-2005 11:56:05	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17741	No
88	GOM_NL__2PRFIN20050722_115918_00000872039_00152_17741_5234.N1	22-JUL-2005 11:59:18	Bright	87.000	119	14Eta Dra	2.7270	4700.0	174	17741	No
89	GOM_NL__2PRFIN20050722_120331_00000832039_00152_17741_5235.N1	22-JUL-2005 12:03:31	Bright	83.000	60	7Bet UMi	2.0810	3950.0	166	17741	No
90	GOM_NL__2PRFIN20050722_123226_00000902039_00152_17741_5236.N1	22-JUL-2005 12:32:26	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17741	No
91	GOM_NL__2PRFIN20050722_123442_00000962039_00152_17741_5237.N1	22-JUL-2005 12:34:42	Dark	96.000	7	19Bet Ori	0.10000	14000.	192	17741	No
92	GOM_NL__2PRFIN20050722_123703_00000912039_00152_17741_5238.N1	22-JUL-2005 12:37:03	Dark	91.000	101	11Alp Lep	2.5820	7000.0	182	17741	No
93	GOM_NL__2PRFIN20050722_125628_00000852039_00153_17742_5230.N1	22-JUL-2005 12:56:28	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17742	No
94	GOM_NL__2PRFIN20050722_131214_00000912039_00153_17742_5231.N1	22-JUL-2005 13:12:14	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17742	No
95	GOM_NL__2PRFIN20050722_131441_00000882039_00153_17742_5232.N1	22-JUL-2005 13:14:41	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17742	No
96	GOM_NL__2PRFIN20050722_132328_00000882039_00153_17742_5233.N1	22-JUL-2005 13:23:28	Bright	87.500	126	60Bet Oph	2.7700	4250.0	175	17742	No
97	GOM_NL__2PRFIN20050722_132546_00000882039_00153_17742_5234.N1	22-JUL-2005 13:25:46	Bright	87.500	59	55Alp Oph	2.0800	8900.0	175	17742	No
98	GOM_NL__2PRFIN20050722_133641_00000822039_00153_17742_5235.N1	22-JUL-2005 13:36:41	Bright	81.500	130	23Bet Dra	2.7990	5800.0	163	17742	No
99	GOM_NL__2PRFIN20050722_133954_00000862039_00153_17742_5236.N1	22-JUL-2005 13:39:54	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17742	No
100	GOM_NL__2PRFIN20050722_134407_00000832039_00153_17742_5237.N1	22-JUL-2005 13:44:07	Bright	82.500	60	7Bet UMi	2.0810	3950.0	165	17742	No
101	GOM_NL__2PRFIN20050722_141302_00000902039_00153_17742_5238.N1	22-JUL-2005 14:13:02	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17742	No

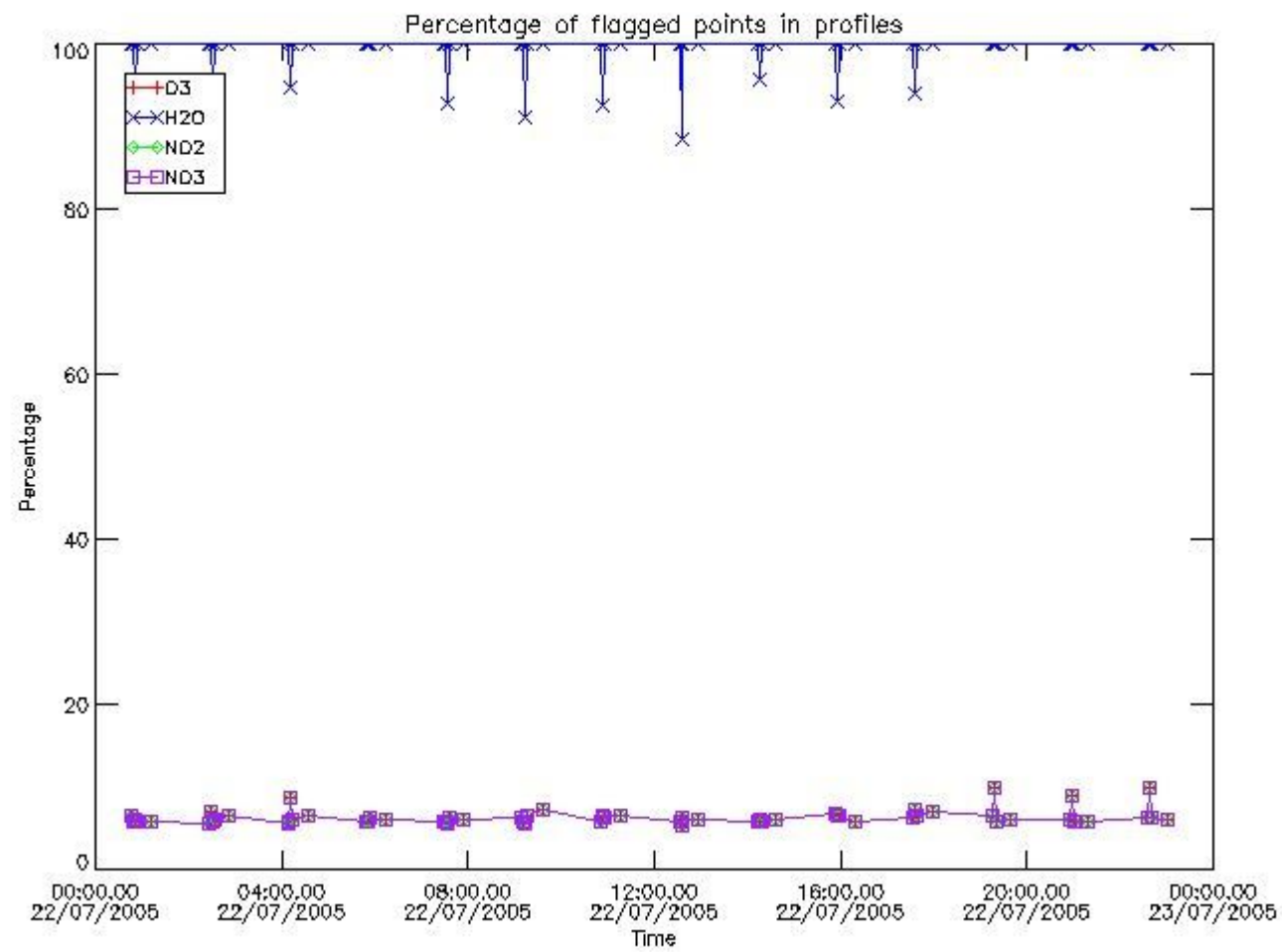
102	GOM_NL__2PRFIN20050722_141518_000001032039_00153_17742_5239.N1	22-JUL-2005 14:15:18	Dark	102.50	7	19Bet Ori	0.10000	14000.	205	17742	No
103	GOM_NL__2PRFIN20050722_141739_000000882039_00153_17742_5240.N1	22-JUL-2005 14:17:39	Dark	88.000	101	11Alp Lep	2.5820	7000.0	176	17742	No
104	GOM_NL__2PRFIN20050722_143704_000000872039_00154_17743_5232.N1	22-JUL-2005 14:37:04	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17743	No
105	GOM_NL__2PRFIN20050722_145250_000000932039_00154_17743_5233.N1	22-JUL-2005 14:52:50	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17743	No
106	GOM_NL__2PRFIN20050722_145517_000000892039_00154_17743_5234.N1	22-JUL-2005 14:55:17	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17743	No
107	GOM_NL__2PRFIN20050722_150404_000000872039_00154_17743_5235.N1	22-JUL-2005 15:04:04	Bright	87.000	126	60Bet Oph	2.7700	4250.0	174	17743	No
108	GOM_NL__2PRFIN20050722_150623_000000842039_00154_17743_5236.N1	22-JUL-2005 15:06:23	Bright	83.500	59	55Alp Oph	2.0800	8900.0	167	17743	No
109	GOM_NL__2PRFIN20050722_151717_000000852039_00154_17743_5237.N1	22-JUL-2005 15:17:17	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17743	No
110	GOM_NL__2PRFIN20050722_152030_000000832039_00154_17743_5238.N1	22-JUL-2005 15:20:30	Bright	82.500	119	14Eta Dra	2.7270	4700.0	165	17743	No
111	GOM_NL__2PRFIN20050722_152443_000000852039_00154_17743_5239.N1	22-JUL-2005 15:24:43	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17743	No
112	GOM_NL__2PRFIN20050722_155338_000000922039_00154_17743_5240.N1	22-JUL-2005 15:53:38	Dark	92.000	30	46Eps Ori	1.6940	30000.	184	17743	No
113	GOM_NL__2PRFIN20050722_155554_000000952039_00154_17743_5241.N1	22-JUL-2005 15:55:54	Dark	94.500	7	19Bet Ori	0.10000	14000.	189	17743	No
114	GOM_NL__2PRFIN20050722_155815_000000872039_00154_17743_5242.N1	22-JUL-2005 15:58:15	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17743	No
115	GOM_NL__2PRFIN20050722_161740_000000872039_00155_17744_5065.N1	22-JUL-2005 16:17:40	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17744	No
116	GOM_NL__2PRFIN20050722_163326_000000902039_00155_17744_5066.N1	22-JUL-2005 16:33:26	Bright	89.500	38	20Eps Sgr	1.8360	11000.	179	17744	No
117	GOM_NL__2PRFIN20050722_163553_000000872039_00155_17744_5067.N1	22-JUL-2005 16:35:53	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17744	No
118	GOM_NL__2PRFIN20050722_164440_000000852039_00155_17744_5068.N1	22-JUL-2005 16:44:40	Bright	84.500	126	60Bet Oph	2.7700	4250.0	169	17744	No
119	GOM_NL__2PRFIN20050722_164659_000000852039_00155_17744_5069.N1	22-JUL-2005 16:46:59	Bright	85.000	59	55Alp Oph	2.0800	8900.0	170	17744	No
120	GOM_NL__2PRFIN20050722_165753_000000852039_00155_17744_5070.N1	22-JUL-2005 16:57:53	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17744	No
121	GOM_NL__2PRFIN20050722_170106_000000862039_00155_17744_5071.N1	22-JUL-2005 17:01:06	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17744	No
122	GOM_NL__2PRFIN20050722_170519_000000862039_00155_17744_5072.N1	22-JUL-2005 17:05:19	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17744	No
123	GOM_NL__2PRFIN20050722_173414_000000892039_00155_17744_5073.N1	22-JUL-2005 17:34:14	Dark	88.500	30	46Eps Ori	1.6940	30000.	177	17744	No
124	GOM_NL__2PRFIN20050722_173630_000000932039_00155_17744_5074.N1	22-JUL-2005 17:36:30	Dark	92.500	7	19Bet Ori	0.10000	14000.	185	17744	No
125	GOM_NL__2PRFIN20050722_173851_000000872039_00155_17744_5075.N1	22-JUL-2005 17:38:51	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17744	No
126	GOM_NL__2PRFIN20050722_175816_000000872039_00156_17745_5066.N1	22-JUL-2005 17:58:16	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17745	No
127	GOM_NL__2PRFIN20050722_180615_00000092039_00156_17745_5067.N1	22-JUL-2005 18:06:15	Dark	8.5000	45	Alp Pav	1.9400	26000.	17	17745	Yes
128	GOM_NL__2PRFIN20050722_181403_000000912039_00156_17745_5068.N1	22-JUL-2005 18:14:03	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17745	No
129	GOM_NL__2PRFIN20050722_181629_000000882039_00156_17745_5069.N1	22-JUL-2005 18:16:29	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17745	No
130	GOM_NL__2PRFIN20050722_182516_000000872039_00156_17745_5070.N1	22-JUL-2005 18:25:16	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17745	No
131	GOM_NL__2PRFIN20050722_182735_000000862039_00156_17745_5071.N1	22-JUL-2005 18:27:35	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17745	No
132	GOM_NL__2PRFIN20050722_183829_000000852039_00156_17745_5072.N1	22-JUL-2005 18:38:29	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17745	No
133	GOM_NL__2PRFIN20050722_184142_000000862039_00156_17745_5073.N1	22-JUL-2005 18:41:42	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17745	No
134	GOM_NL__2PRFIN20050722_184555_000000842039_00156_17745_5074.N1	22-JUL-2005 18:45:55	Bright	83.500	60	7Bet UMi	2.0810	3950.0	167	17745	No
135	GOM_NL__2PRFIN20050722_191450_000000862039_00156_17745_5075.N1	22-JUL-2005 19:14:50	Dark	86.000	30	46Eps Ori	1.6940	30000.	172	17745	No
136	GOM_NL__2PRFIN20050722_191707_000000572039_00156_17745_5076.N1	22-JUL-2005 19:17:07	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	17745	No
137	GOM_NL__2PRFIN20050722_191927_000000892039_00156_17745_5077.N1	22-JUL-2005 19:19:27	Dark	88.500	101	11Alp Lep	2.5820	7000.0	177	17745	No
138	GOM_NL__2PRFIN20050722_193853_000000872039_00157_17746_5068.N1	22-JUL-2005 19:38:53	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17746	No
139	GOM_NL__2PRFIN20050722_194651_00000092039_00157_17746_5069.N1	22-JUL-2005 19:46:51	Dark	9.0000	45	Alp Pav	1.9400	26000.	18	17746	Yes
140	GOM_NL__2PRFIN20050722_195439_000000932039_00157_17746_5070.N1	22-JUL-2005 19:54:39	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17746	No
141	GOM_NL__2PRFIN20050722_195705_000000902039_00157_17746_5071.N1	22-JUL-2005 19:57:05	Bright	89.500	137	22Lam Sgr	2.8240	4400.0	179	17746	No
142	GOM_NL__2PRFIN20050722_200552_000000852039_00157_17746_5072.N1	22-JUL-2005 20:05:52	Bright	84.500	126	60Bet Oph	2.7700	4250.0	169	17746	No
143	GOM_NL__2PRFIN20050722_200811_000000862039_00157_17746_5073.N1	22-JUL-2005 20:08:11	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17746	No
144	GOM_NL__2PRFIN20050722_201905_000000872039_00157_17746_5074.N1	22-JUL-2005 20:19:05	Bright	86.500	130	23Bet Dra	2.7990	5800.0	173	17746	No
145	GOM_NL__2PRFIN20050722_202219_000000872039_00157_17746_5075.N1	22-JUL-2005 20:22:19	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17746	No
146	GOM_NL__2PRFIN20050722_202632_000000872039_00157_17746_5076.N1	22-JUL-2005 20:26:32	Bright	87.000	60	7Bet UMi	2.0810	3950.0	174	17746	No
147	GOM_NL__2PRFIN20050722_205526_000000852039_00157_17746_5077.N1	22-JUL-2005 20:55:26	Dark	85.000	30	46Eps Ori	1.6940	30000.	170	17746	No
148	GOM_NL__2PRFIN20050722_205743_000000572039_00157_17746_5078.N1	22-JUL-2005 20:57:43	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	17746	No
149	GOM_NL__2PRFIN20050722_210003_000000882039_00157_17746_5079.N1	22-JUL-2005 21:00:03	Dark	87.500	101	11Alp Lep	2.5820	7000.0	175	17746	No
150	GOM_NL__2PRFIN20050722_211929_000000872039_00158_17747_5070.N1	22-JUL-2005 21:19:29	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17747	No
151	GOM_NL__2PRFIN20050722_212727_00000092039_00158_17747_5071.N1	22-JUL-2005 21:27:27	Dark	9.0000	45	Alp Pav	1.9400	26000.	18	17747	Yes
152	GOM_NL__2PRFIN20050722_213515_000000902039_00158_17747_5072.N1	22-JUL-2005 21:35:15	Bright	90.000	38	20Eps Sgr	1.8360	11000.	180	17747	No
153	GOM_NL__2PRFIN20050722_213741_000000882039_00158_17747_5073.N1	22-JUL-2005 21:37:41	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17747	No
154	GOM_NL__2PRFIN20050722_214628_000000862039_00158_17747_5074.N1	22-JUL-2005 21:46:28	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17747	No
155	GOM_NL__2PRFIN20050722_214847_000000872039_00158_17747_5075.N1	22-JUL-2005 21:48:47	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17747	No
156	GOM_NL__2PRFIN20050722_215941_000000862039_00158_17747_5076.N1	22-JUL-2005 21:59:41	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17747	No
157	GOM_NL__2PRFIN20050722_220255_000000872039_00158_17747_5077.N1	22-JUL-2005 22:02:55	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17747	No
158	GOM_NL__2PRFIN20050722_220708_000000872039_00158_17747_5078.N1	22-JUL-2005 22:07:08	Bright	87.000	60	7Bet UMi	2.0810	3950.0	174	17747	No
159	GOM_NL__2PRFIN20050722_223602_000000892039_00158_17747_5079.N1	22-JUL-2005 22:36:02	Dark	89.000	30	46Eps Ori	1.6940	30000.	178	17747	No
160	GOM_NL__2PRFIN20050722_223819_000000572039_00158_17747_5080.N1	22-JUL-2005 22:38:19	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	17747	No

161	GOM_NL__2PRFIN20050722_224039_000000902039_00158_17747_5081.N1	22-JUL-2005 22:40:39	Dark	90.000	101	11Alp Lep	2.5820	7000.0	180	17747	No
162	GOM_NL__2PRFIN20050722_230005_000000852039_00159_17748_5071.N1	22-JUL-2005 23:00:05	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17748	No
163	GOM_NL__2PRFIN20050722_230803_000000092039_00159_17748_5072.N1	22-JUL-2005 23:08:03	Dark	9.0000	45	Alp Pav	1.9400	26000.	18	17748	Yes
164	GOM_NL__2PRFIN20050722_231551_000000912039_00159_17748_5073.N1	22-JUL-2005 23:15:51	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17748	No
165	GOM_NL__2PRFIN20050722_231817_000000882039_00159_17748_5074.N1	22-JUL-2005 23:18:17	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17748	No
166	GOM_NL__2PRFIN20050722_232704_000000862039_00159_17748_5075.N1	22-JUL-2005 23:27:04	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17748	No
167	GOM_NL__2PRFIN20050722_232923_000000872039_00159_17748_5076.N1	22-JUL-2005 23:29:23	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17748	No
168	GOM_NL__2PRFIN20050722_234017_000000842039_00159_17748_5077.N1	22-JUL-2005 23:40:17	Bright	84.000	130	23Bet Dra	2.7990	5800.0	168	17748	No
169	GOM_NL__2PRFIN20050722_234331_000000822039_00159_17748_5078.N1	22-JUL-2005 23:43:31	Bright	82.000	119	14Eta Dra	2.7270	4700.0	164	17748	No
170	GOM_NL__2PRFIN20050722_234744_000000872039_00159_17748_5079.N1	22-JUL-2005 23:47:44	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17748	No

3. Quality information per product

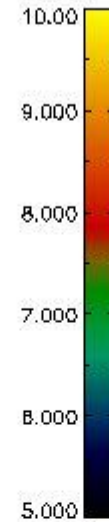
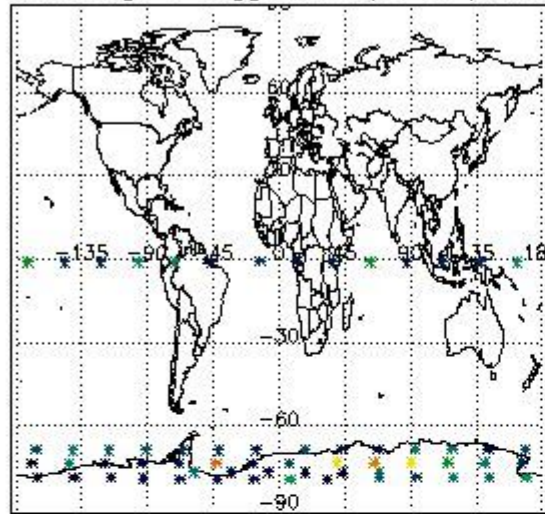
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

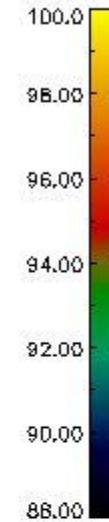
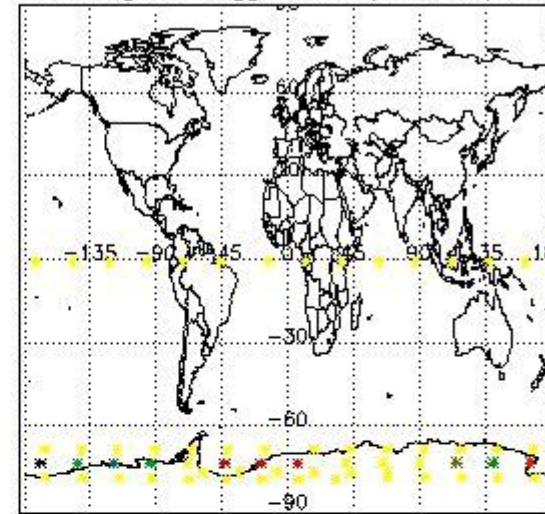


3.2 Plot quality information per product (world map)

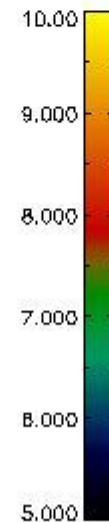
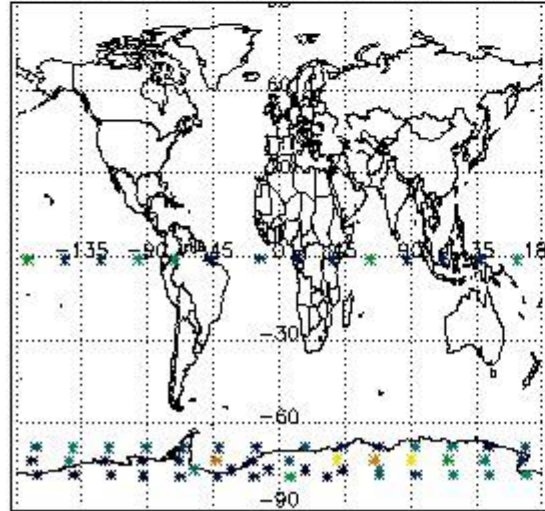
Percentage of flagged data per O3 profile



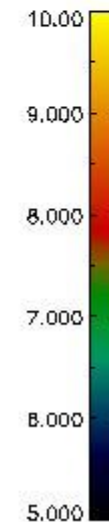
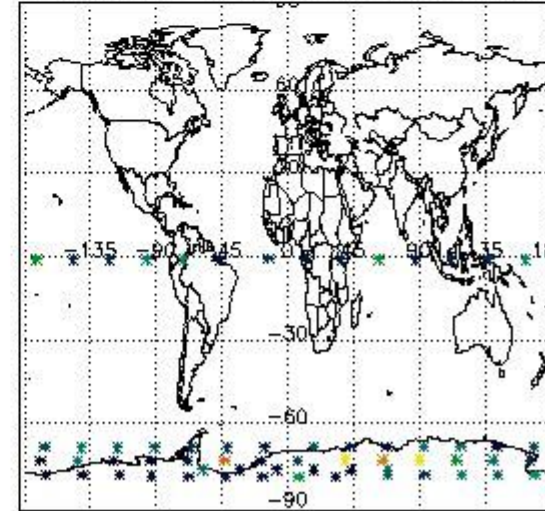
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

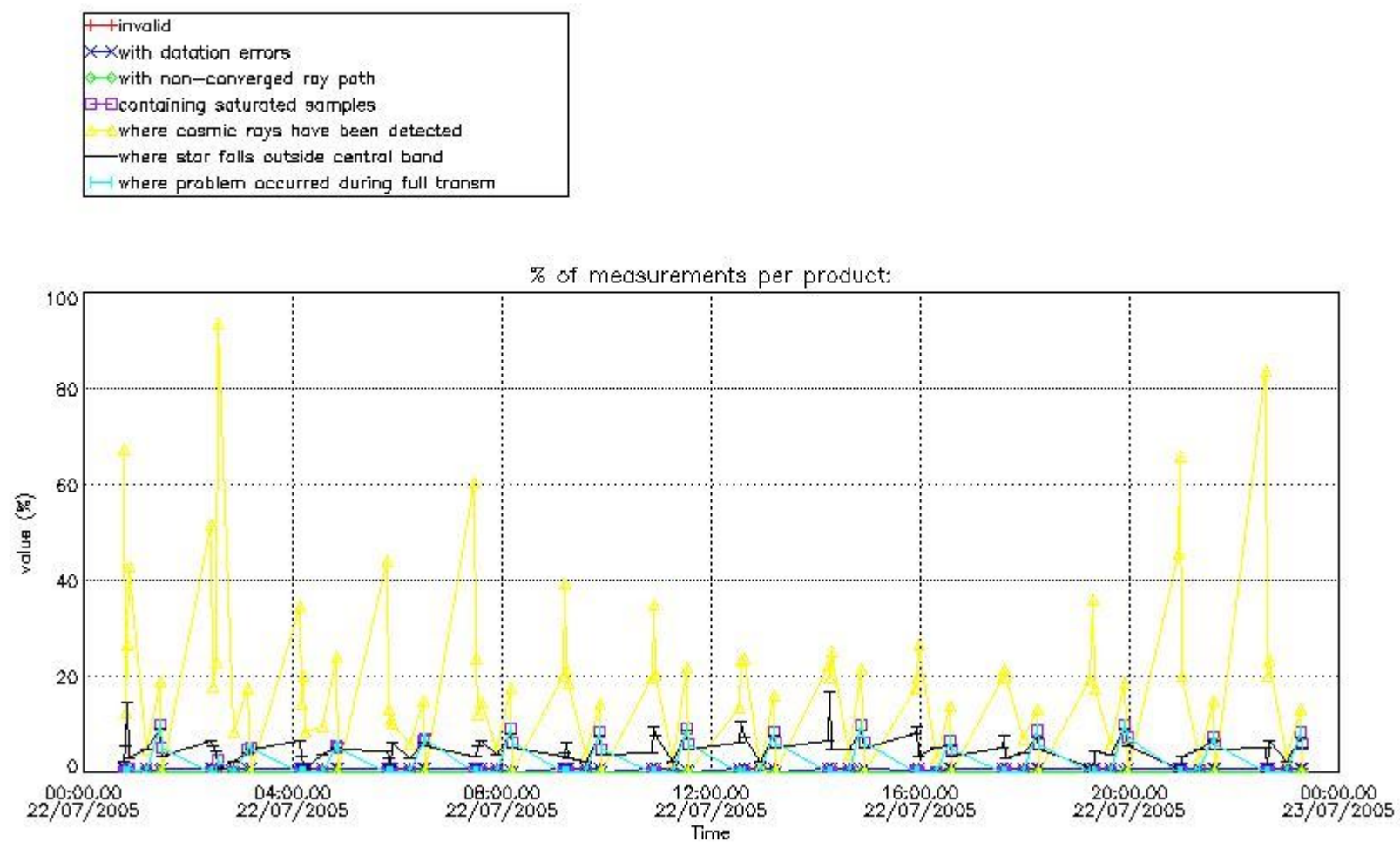


4. Level 1 quality information per product

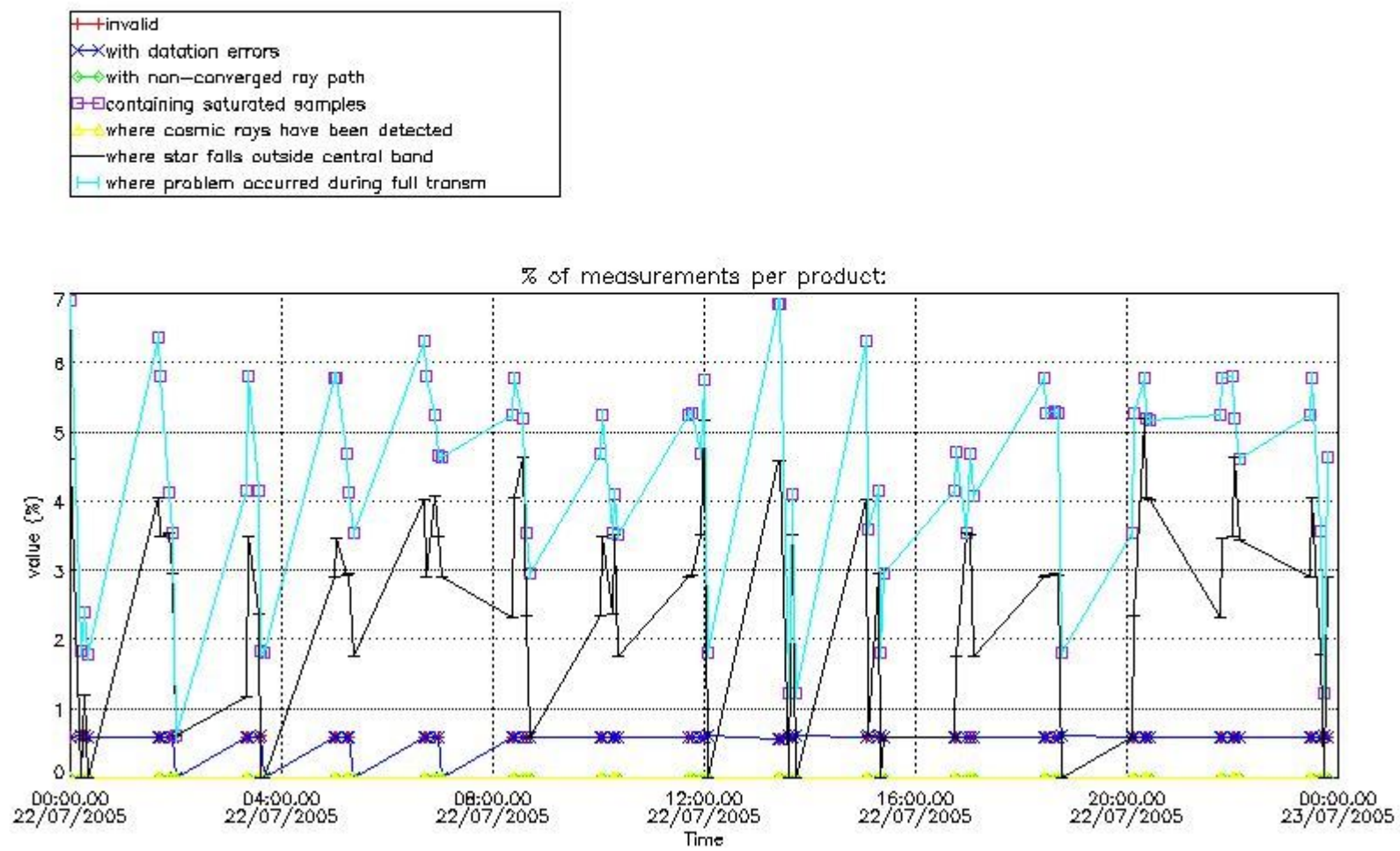
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

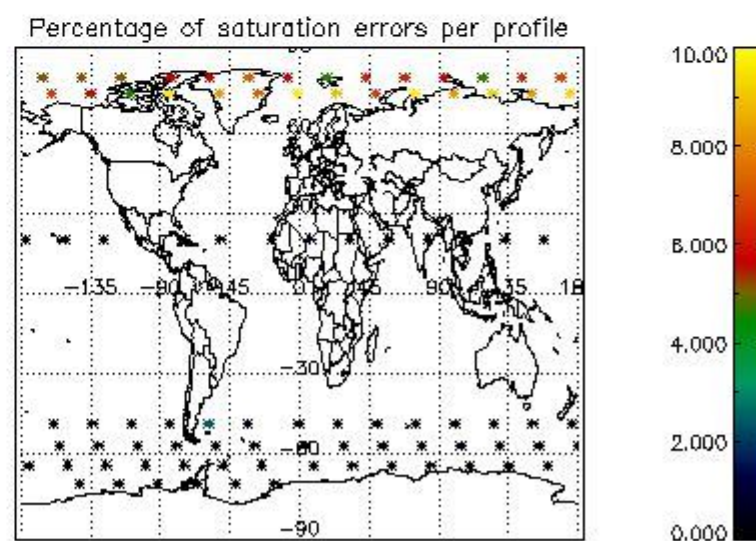
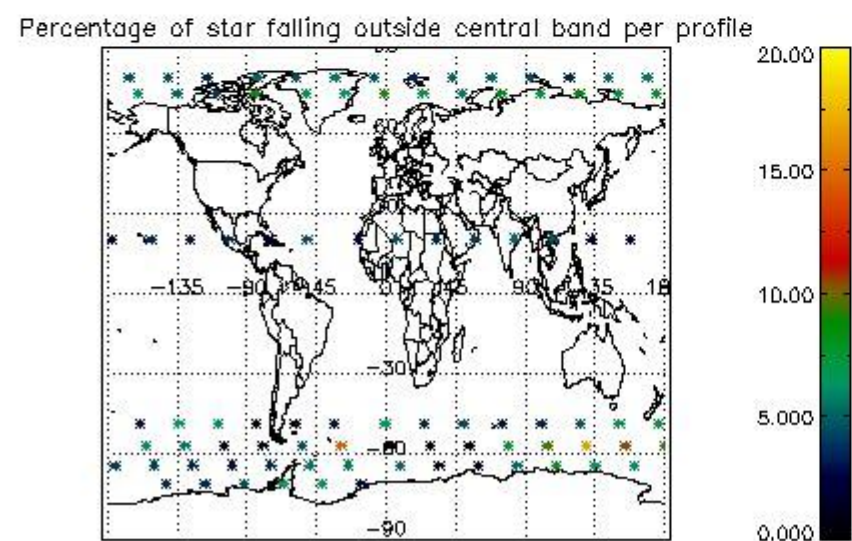
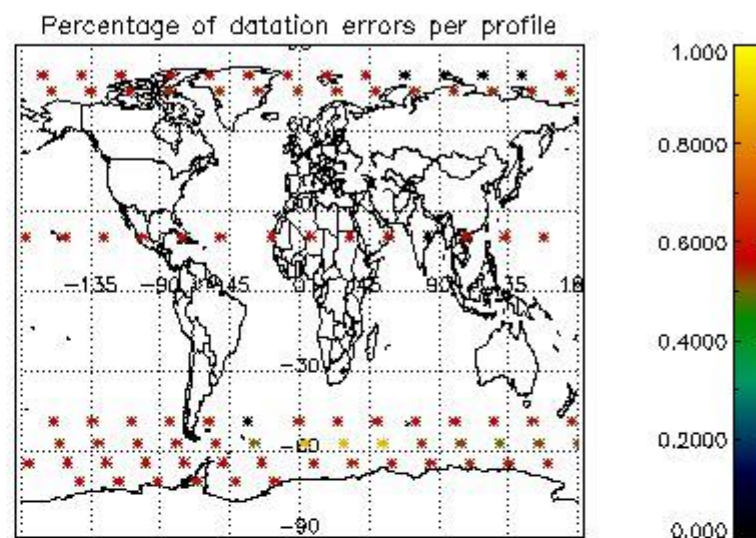
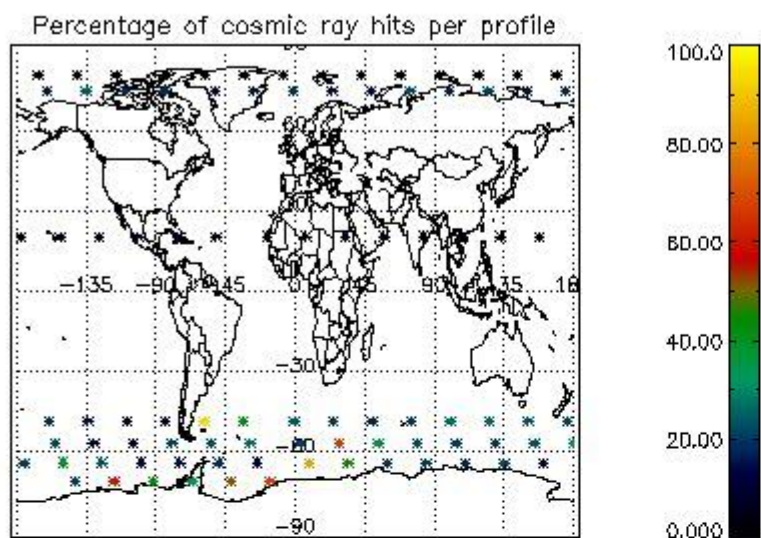


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

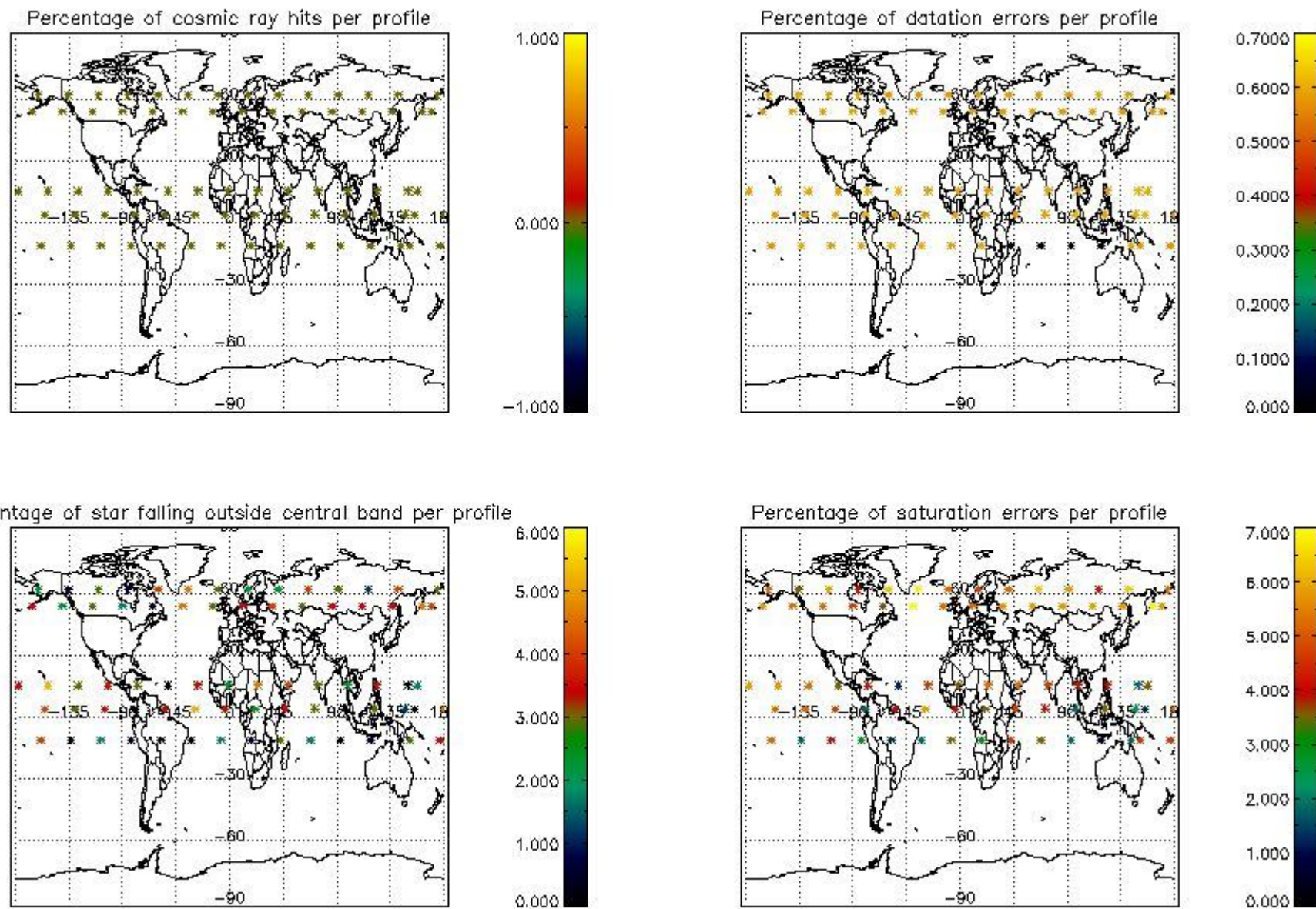


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

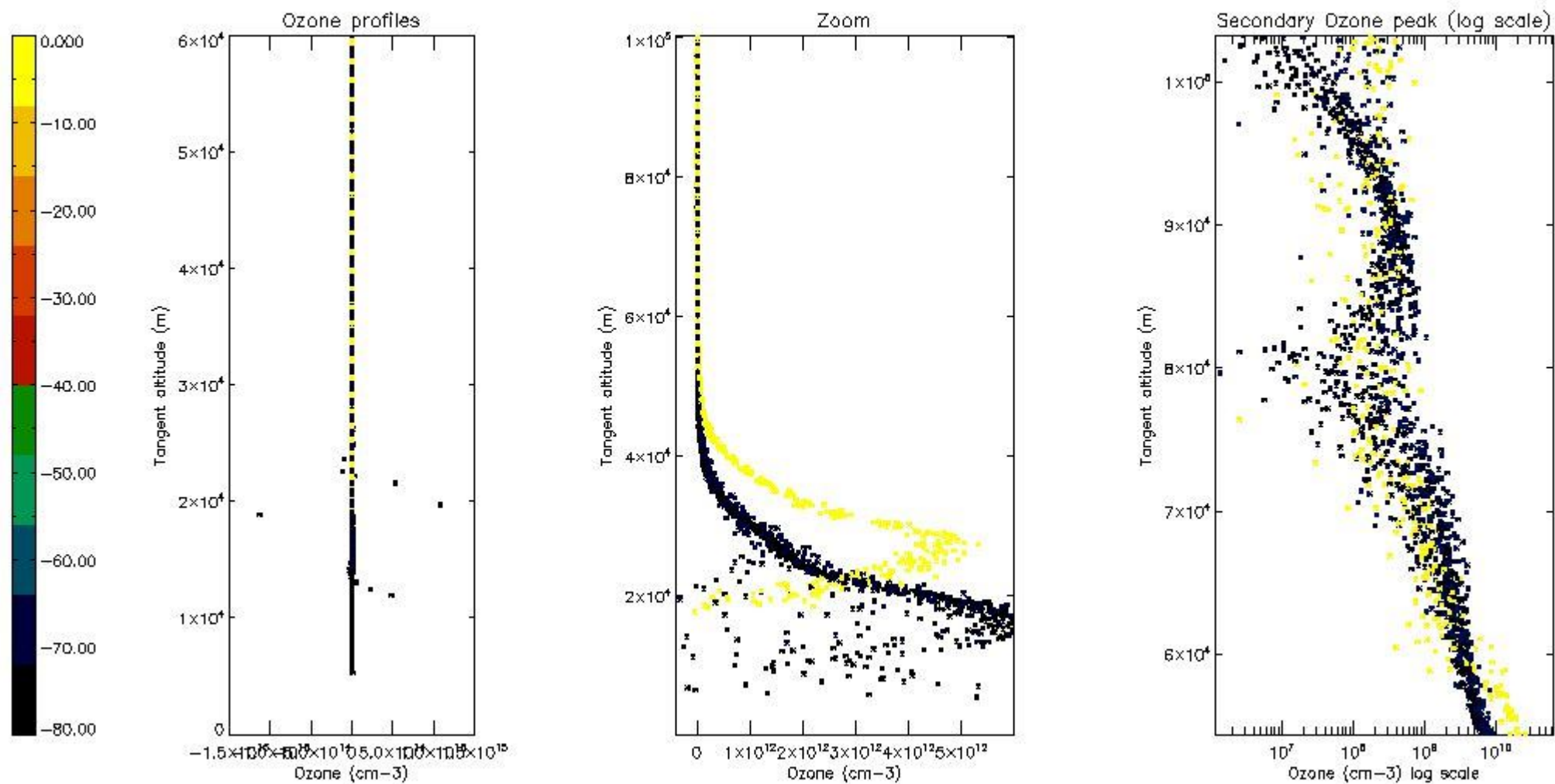
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	9

STD < 10	7
STD < 5	5

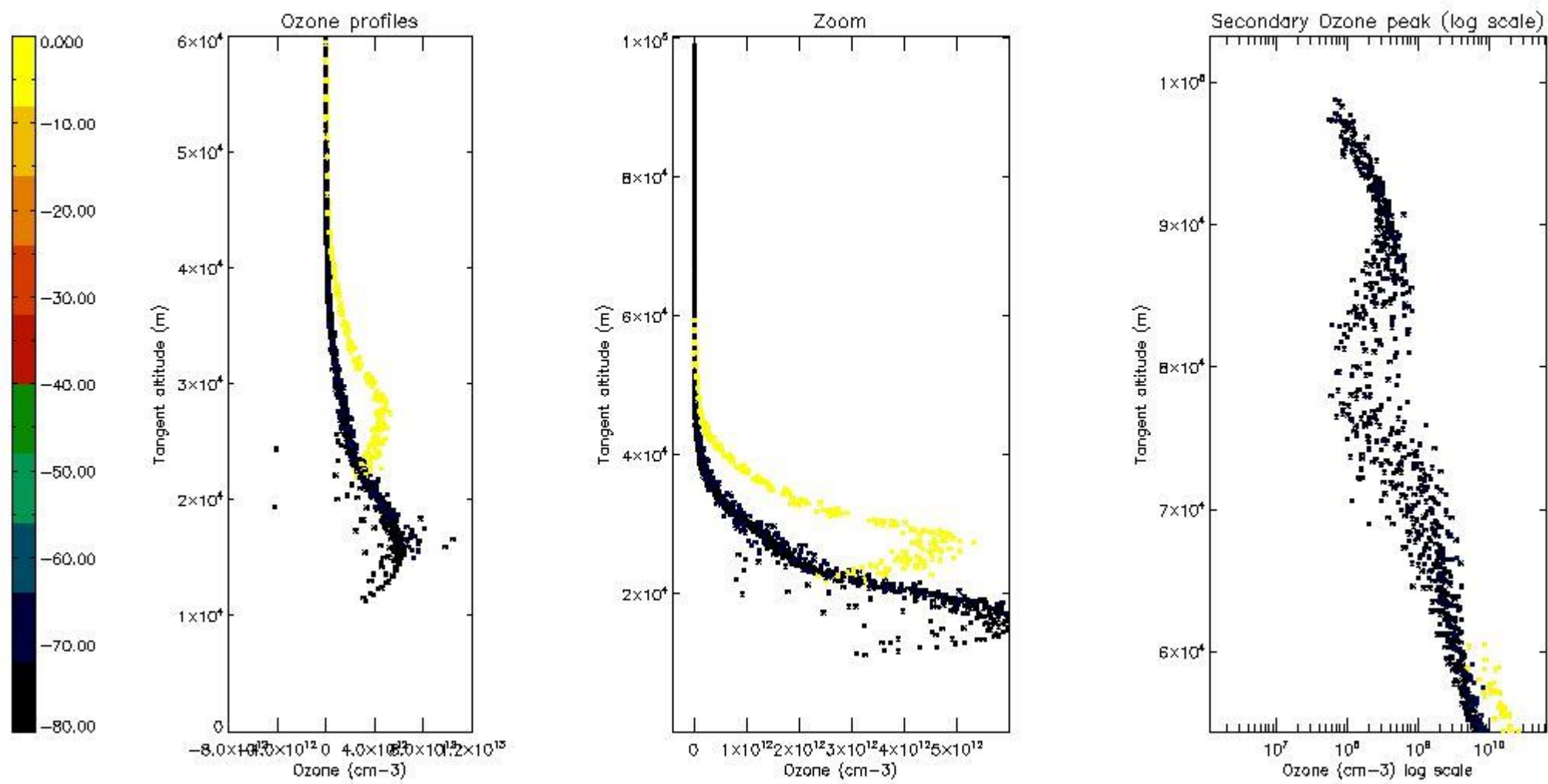
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



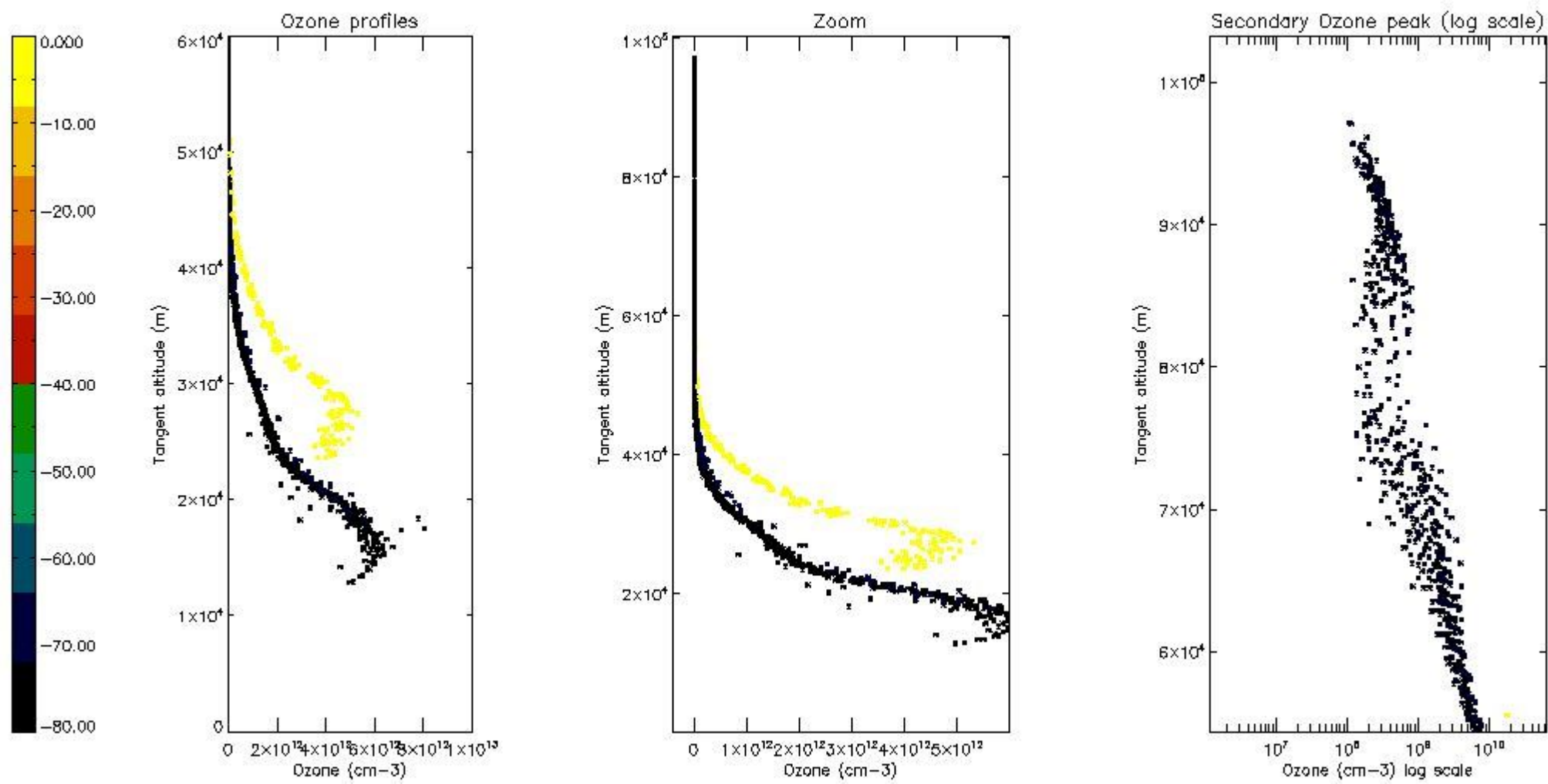
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



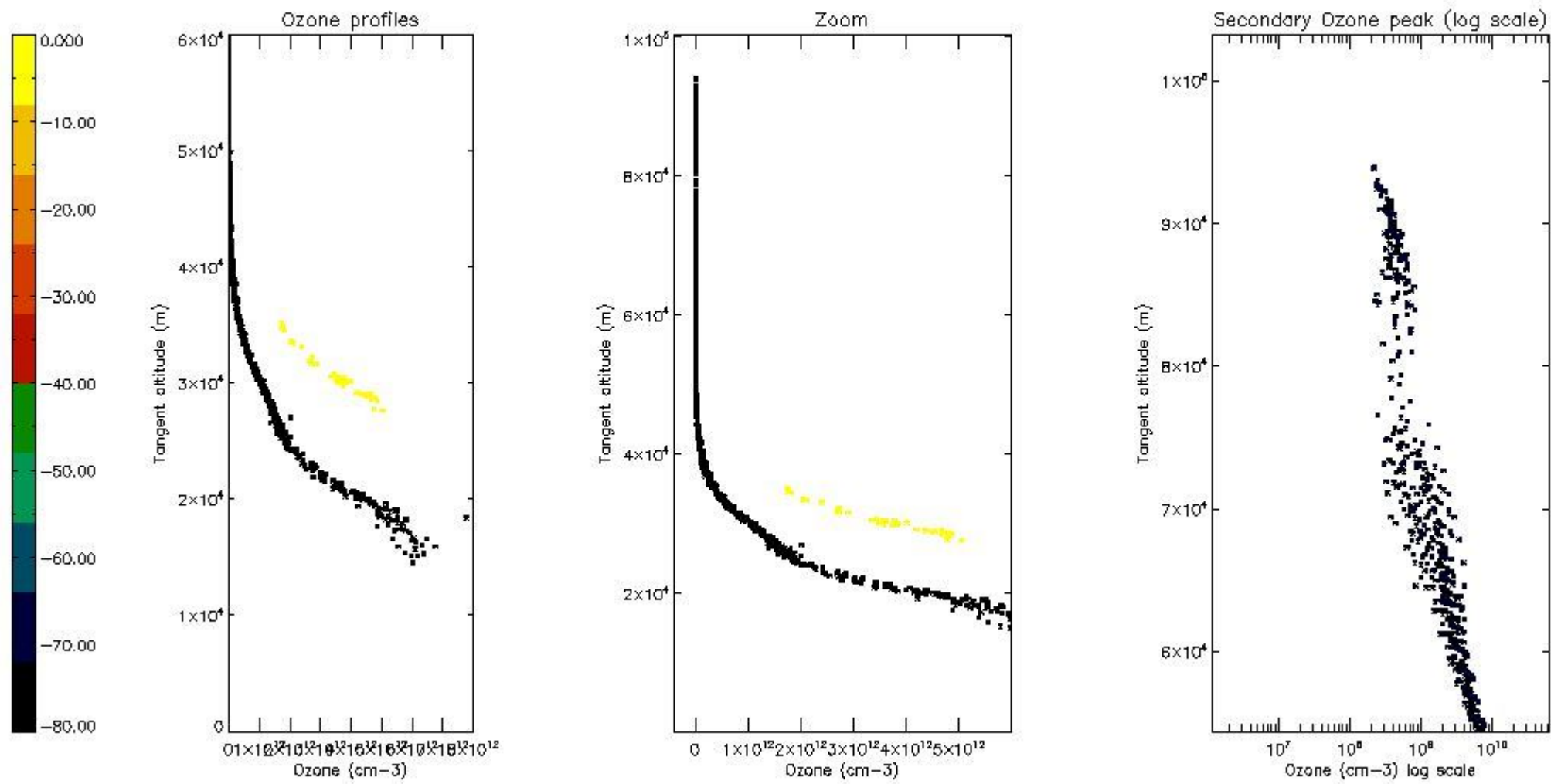
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



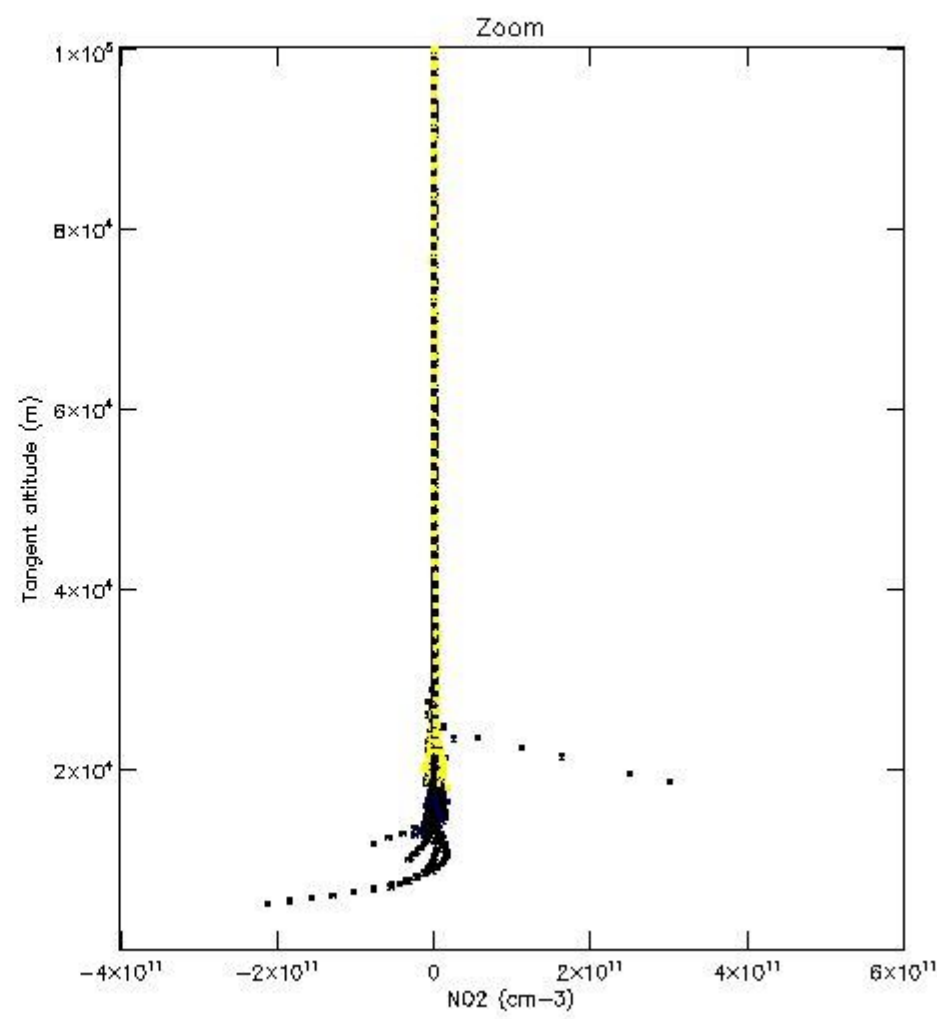
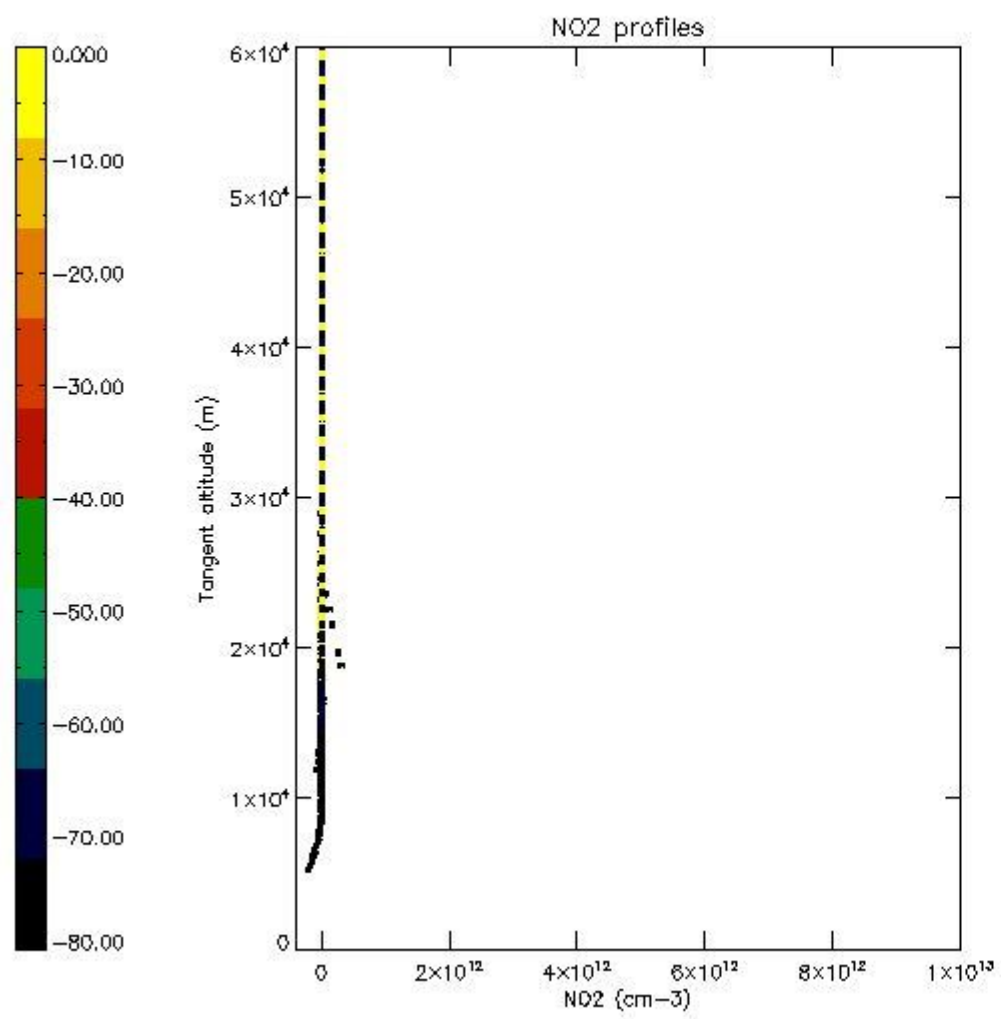
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



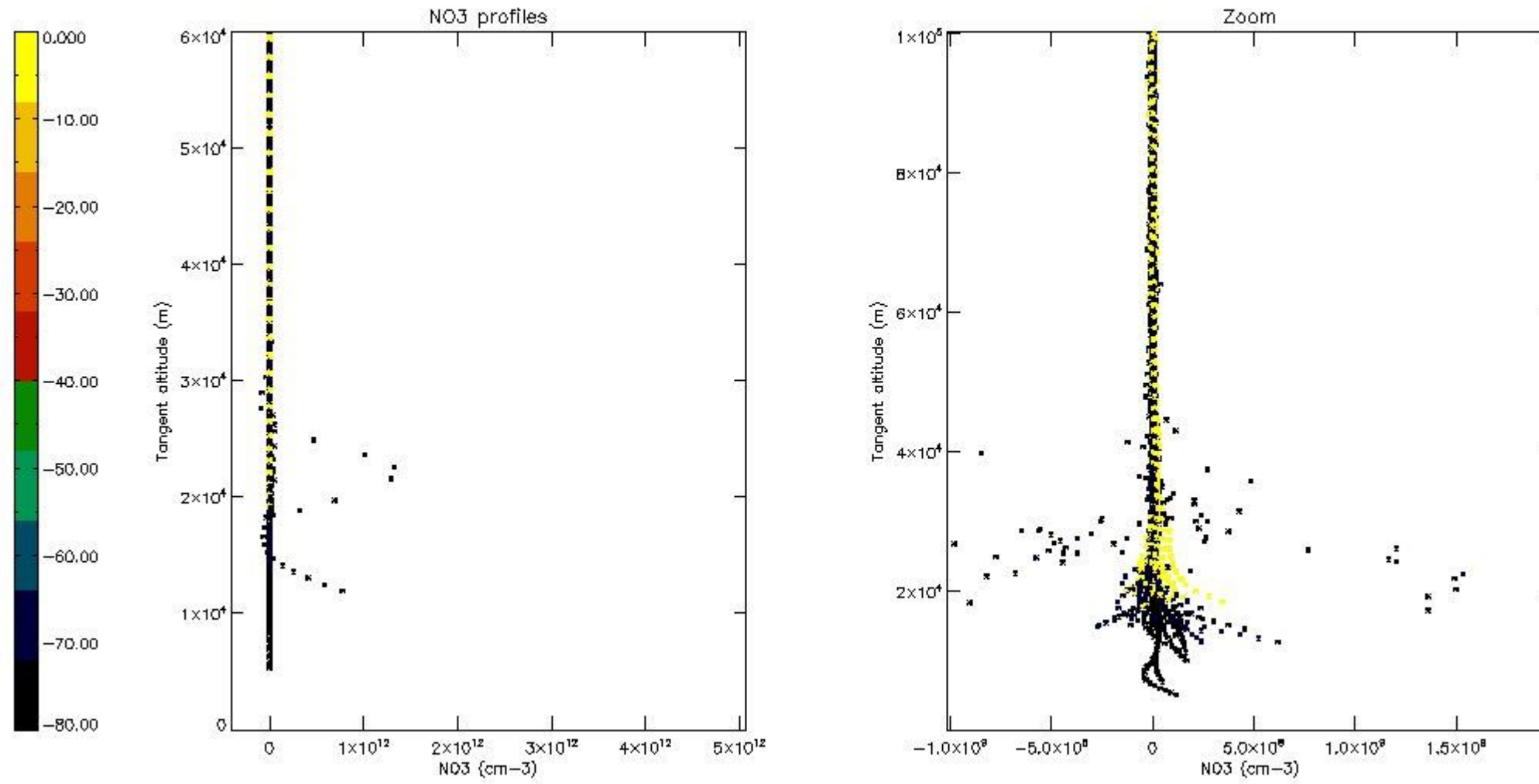
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	22-JUL-2005 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2005 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2005 00:00:57

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

Item	Value
Time of report generation	18APR2013 10:03:23
Data source version	GOMOS/6.01
Start time of products	22-07-2005 (22JUL2005 00:00:00)
Stop time of products	23-07-2005 (23JUL2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
Nb of prods with errors	6

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__2PRFIN20050722_000057_000000872039_00145_17734_5201.N1	22-JUL-2005 00:00:57	Bright	87.000	59	55Alp Oph	2.0800	8900.0	174	17734	No
2	GOM_NL__2PRFIN20050722_001153_000000822039_00145_17734_5202.N1	22-JUL-2005 00:11:53	Bright	82.000	130	23Bet Dra	2.7990	5800.0	164	17734	No
3	GOM_NL__2PRFIN20050722_001504_000000842039_00145_17734_5203.N1	22-JUL-2005 00:15:04	Bright	83.500	119	14Eta Dra	2.7270	4700.0	167	17734	No
4	GOM_NL__2PRFIN20050722_001917_000000842039_00145_17734_5204.N1	22-JUL-2005 00:19:17	Bright	84.000	60	7Bet UMi	2.0810	3950.0	168	17734	No
5	GOM_NL__2PRFIN20050722_004616_000000872039_00145_17734_5205.N1	22-JUL-2005 00:46:16	Dark	87.000	27	24Gam Ori	1.6360	26000.	174	17734	No
6	GOM_NL__2PRFIN20050722_004821_000000892039_00145_17734_5206.N1	22-JUL-2005 00:48:21	Dark	89.000	33	50Zet Ori	1.7660	30000.	178	17734	No
7	GOM_NL__2PRFIN20050722_005028_000001002039_00145_17734_5207.N1	22-JUL-2005 00:50:28	Dark	100.00	7	19Bet Ori	0.10000	14000.	200	17734	No
8	GOM_NL__2PRFIN20050722_005249_000000872039_00145_17734_5208.N1	22-JUL-2005 00:52:49	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17734	No
9	GOM_NL__2PRFIN20050722_011215_000000882039_00146_17735_5199.N1	22-JUL-2005 01:12:15	Dark	87.500	135	Bet Hyi	2.8200	5800.0	175	17735	No
10	GOM_NL__2PRFIN20050722_012802_000000932039_00146_17735_5200.N1	22-JUL-2005 01:28:02	Bright	93.000	38	20Eps Sgr	1.8360	11000.	186	17735	No
11	GOM_NL__2PRFIN20050722_013028_000000882039_00146_17735_5201.N1	22-JUL-2005 01:30:28	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17735	No
12	GOM_NL__2PRFIN20050722_013915_000000872039_00146_17735_5202.N1	22-JUL-2005 01:39:15	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17735	No
13	GOM_NL__2PRFIN20050722_014133_000000862039_00146_17735_5203.N1	22-JUL-2005 01:41:33	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17735	No
14	GOM_NL__2PRFIN20050722_015229_000000852039_00146_17735_5204.N1	22-JUL-2005 01:52:29	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17735	No
15	GOM_NL__2PRFIN20050722_015541_000000852039_00146_17735_5205.N1	22-JUL-2005 01:55:41	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17735	No
16	GOM_NL__2PRFIN20050722_015954_000000822039_00146_17735_5206.N1	22-JUL-2005 01:59:54	Bright	82.000	60	7Bet UMi	2.0810	3950.0	164	17735	No
17	GOM_NL__2PRFIN20050722_022652_000000912039_00146_17735_5207.N1	22-JUL-2005 02:26:52	Dark	91.000	27	24Gam Ori	1.6360	26000.	182	17735	No
18	GOM_NL__2PRFIN20050722_022857_000000892039_00146_17735_5208.N1	22-JUL-2005 02:28:57	Dark	89.000	33	50Zet Ori	1.7660	30000.	178	17735	No
19	GOM_NL__2PRFIN20050722_023104_000000902039_00146_17735_5209.N1	22-JUL-2005 02:31:04	Dark	90.000	7	19Bet Ori	0.10000	14000.	180	17735	No
20	GOM_NL__2PRFIN20050722_023325_000000852039_00146_17735_5210.N1	22-JUL-2005 02:33:25	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17735	No
21	GOM_NL__2PRFIN20050722_025251_000000852039_00147_17736_5201.N1	22-JUL-2005 02:52:51	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17736	No
22	GOM_NL__2PRFIN20050722_030838_000000882039_00147_17736_5202.N1	22-JUL-2005 03:08:38	Bright	88.000	38	20Eps Sgr	1.8360	11000.	176	17736	No
23	GOM_NL__2PRFIN20050722_031104_000000882039_00147_17736_5203.N1	22-JUL-2005 03:11:04	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17736	No
24	GOM_NL__2PRFIN20050722_031951_000000852039_00147_17736_5204.N1	22-JUL-2005 03:19:51	Bright	84.500	126	60Bet Oph	2.7700	4250.0	169	17736	No
25	GOM_NL__2PRFIN20050722_032209_000000862039_00147_17736_5205.N1	22-JUL-2005 03:22:09	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17736	No
26	GOM_NL__2PRFIN20050722_032818_000000112039_00147_17736_5206.N1	22-JUL-2005 03:28:18	Dark	11.000	133	40Zet Her	2.8070	6000.0	22	17736	Yes
27	GOM_NL__2PRFIN20050722_033305_000000852039_00147_17736_5207.N1	22-JUL-2005 03:33:05	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17736	No
28	GOM_NL__2PRFIN20050722_033617_000000822039_00147_17736_5208.N1	22-JUL-2005 03:36:17	Bright	82.000	119	14Eta Dra	2.7270	4700.0	164	17736	No
29	GOM_NL__2PRFIN20050722_034030_000000832039_00147_17736_5209.N1	22-JUL-2005 03:40:30	Bright	82.500	60	7Bet UMi	2.0810	3950.0	165	17736	No
30	GOM_NL__2PRFIN20050722_040728_000000922039_00147_17736_5210.N1	22-JUL-2005 04:07:28	Dark	91.500	27	24Gam Ori	1.6360	26000.	183	17736	No
31	GOM_NL__2PRFIN20050722_040934_000000882039_00147_17736_5211.N1	22-JUL-2005 04:09:34	Dark	87.500	33	50Zet Ori	1.7660	30000.	175	17736	No
32	GOM_NL__2PRFIN20050722_041140_000000872039_00147_17736_5212.N1	22-JUL-2005 04:11:40	Dark	87.000	7	19Bet Ori	0.10000	14000.	174	17736	No
33	GOM_NL__2PRFIN20050722_041402_000000852039_00147_17736_5213.N1	22-JUL-2005 04:14:02	Dark	84.500	101	11Alp Lep	2.5820	7000.0	169	17736	No
34	GOM_NL__2PRFIN20050722_043327_000000862039_00148_17737_5203.N1	22-JUL-2005 04:33:27	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17737	No
35	GOM_NL__2PRFIN20050722_044914_000000892039_00148_17737_5204.N1	22-JUL-2005 04:49:14	Bright	89.000	38	20Eps Sgr	1.8360	11000.	178	17737	No
36	GOM_NL__2PRFIN20050722_045140_000000882039_00148_17737_5205.N1	22-JUL-2005 04:51:40	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17737	No
37	GOM_NL__2PRFIN20050722_050027_000000872039_00148_17737_5206.N1	22-JUL-2005 05:00:27	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17737	No
38	GOM_NL__2PRFIN20050722_050246_000000872039_00148_17737_5207.N1	22-JUL-2005 05:02:46	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17737	No
39	GOM_NL__2PRFIN20050722_050854_000000112039_00148_17737_5208.N1	22-JUL-2005 05:08:54	Dark	11.000	133	40Zet Her	2.8070	6000.0	22	17737	Yes
40	GOM_NL__2PRFIN20050722_051341_000000862039_00148_17737_5209.N1	22-JUL-2005 05:13:41	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17737	No
41	GOM_NL__2PRFIN20050722_051653_000000852039_00148_17737_5210.N1	22-JUL-2005 05:16:53	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17737	No
42	GOM_NL__2PRFIN20050722_052106_000000852039_00148_17737_5211.N1	22-JUL-2005 05:21:06	Bright	85.000	60	7Bet UMi	2.0810	3950.0	170	17737	No

43	GOM_NL__2PRFIN20050722_054805_00000892039_00148_17737_5212.N1	22-JUL-2005 05:48:05	Dark	89.000	27	24Gam Ori	1.6360	26000.	178	17737	No
44	GOM_NL__2PRFIN20050722_055010_00000872039_00148_17737_5213.N1	22-JUL-2005 05:50:10	Dark	87.000	33	50Zet Ori	1.7660	30000.	174	17737	No
45	GOM_NL__2PRFIN20050722_055217_00000872039_00148_17737_5214.N1	22-JUL-2005 05:52:17	Dark	87.000	7	19Bet Ori	0.10000	14000.	174	17737	No
46	GOM_NL__2PRFIN20050722_055438_00000902039_00148_17737_5215.N1	22-JUL-2005 05:54:38	Dark	90.000	101	11Alp Lep	2.5820	7000.0	180	17737	No
47	GOM_NL__2PRFIN20050722_061403_00000862039_00149_17738_5205.N1	22-JUL-2005 06:14:03	Dark	85.500	135	Bet Hyi	2.8200	5800.0	171	17738	No
48	GOM_NL__2PRFIN20050722_062950_00000902039_00149_17738_5206.N1	22-JUL-2005 06:29:50	Bright	90.000	38	20Eps Sgr	1.8360	11000.	180	17738	No
49	GOM_NL__2PRFIN20050722_063216_00000892039_00149_17738_5207.N1	22-JUL-2005 06:32:16	Bright	89.000	137	22Lam Sgr	2.8240	4400.0	178	17738	No
50	GOM_NL__2PRFIN20050722_064103_00000872039_00149_17738_5208.N1	22-JUL-2005 06:41:03	Bright	87.000	126	60Bet Oph	2.7700	4250.0	174	17738	No
51	GOM_NL__2PRFIN20050722_064322_00000862039_00149_17738_5209.N1	22-JUL-2005 06:43:22	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17738	No
52	GOM_NL__2PRFIN20050722_065417_00000862039_00149_17738_5210.N1	22-JUL-2005 06:54:17	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17738	No
53	GOM_NL__2PRFIN20050722_065729_00000862039_00149_17738_5211.N1	22-JUL-2005 06:57:29	Bright	86.000	119	14Eta Dra	2.7270	4700.0	172	17738	No
54	GOM_NL__2PRFIN20050722_070142_00000872039_00149_17738_5212.N1	22-JUL-2005 07:01:42	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17738	No
55	GOM_NL__2PRFIN20050722_072841_00000882039_00149_17738_5213.N1	22-JUL-2005 07:28:41	Dark	88.000	27	24Gam Ori	1.6360	26000.	176	17738	No
56	GOM_NL__2PRFIN20050722_073046_00000872039_00149_17738_5214.N1	22-JUL-2005 07:30:46	Dark	87.000	33	50Zet Ori	1.7660	30000.	174	17738	No
57	GOM_NL__2PRFIN20050722_073253_00000912039_00149_17738_5215.N1	22-JUL-2005 07:32:53	Dark	91.000	7	19Bet Ori	0.10000	14000.	182	17738	No
58	GOM_NL__2PRFIN20050722_073514_00000902039_00149_17738_5216.N1	22-JUL-2005 07:35:14	Dark	89.500	101	11Alp Lep	2.5820	7000.0	179	17738	No
59	GOM_NL__2PRFIN20050722_075439_00000862039_00150_17739_5206.N1	22-JUL-2005 07:54:39	Dark	86.000	135	Bet Hyi	2.8200	5800.0	172	17739	No
60	GOM_NL__2PRFIN20050722_081026_00000922039_00150_17739_5207.N1	22-JUL-2005 08:10:26	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17739	No
61	GOM_NL__2PRFIN20050722_081252_00000882039_00150_17739_5208.N1	22-JUL-2005 08:12:52	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17739	No
62	GOM_NL__2PRFIN20050722_082139_00000862039_00150_17739_5209.N1	22-JUL-2005 08:21:39	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17739	No
63	GOM_NL__2PRFIN20050722_082358_00000872039_00150_17739_5210.N1	22-JUL-2005 08:23:58	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17739	No
64	GOM_NL__2PRFIN20050722_083453_00000872039_00150_17739_5211.N1	22-JUL-2005 08:34:53	Bright	86.500	130	23Bet Dra	2.7990	5800.0	173	17739	No
65	GOM_NL__2PRFIN20050722_083805_00000852039_00150_17739_5212.N1	22-JUL-2005 08:38:05	Bright	85.000	119	14Eta Dra	2.7270	4700.0	170	17739	No
66	GOM_NL__2PRFIN20050722_084219_00000852039_00150_17739_5213.N1	22-JUL-2005 08:42:19	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17739	No
67	GOM_NL__2PRFIN20050722_090917_00000882039_00150_17739_5214.N1	22-JUL-2005 09:09:17	Dark	88.000	27	24Gam Ori	1.6360	26000.	176	17739	No
68	GOM_NL__2PRFIN20050722_091122_00000882039_00150_17739_5215.N1	22-JUL-2005 09:11:22	Dark	87.500	33	50Zet Ori	1.7660	30000.	175	17739	No
69	GOM_NL__2PRFIN20050722_091329_00000912039_00150_17739_5216.N1	22-JUL-2005 09:13:29	Dark	91.000	7	19Bet Ori	0.10000	14000.	182	17739	No
70	GOM_NL__2PRFIN20050722_091550_00000872039_00150_17739_5217.N1	22-JUL-2005 09:15:50	Dark	86.500	101	11Alp Lep	2.5820	7000.0	173	17739	No
71	GOM_NL__2PRFIN20050722_093516_00000852039_00151_17740_5207.N1	22-JUL-2005 09:35:16	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17740	No
72	GOM_NL__2PRFIN20050722_095102_00000912039_00151_17740_5208.N1	22-JUL-2005 09:51:02	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17740	No
73	GOM_NL__2PRFIN20050722_095328_00000872039_00151_17740_5209.N1	22-JUL-2005 09:53:28	Bright	86.500	137	22Lam Sgr	2.8240	4400.0	173	17740	No
74	GOM_NL__2PRFIN20050722_100215_00000862039_00151_17740_5210.N1	22-JUL-2005 10:02:15	Bright	85.500	126	60Bet Oph	2.7700	4250.0	171	17740	No
75	GOM_NL__2PRFIN20050722_100434_00000862039_00151_17740_5211.N1	22-JUL-2005 10:04:34	Bright	86.000	59	55Alp Oph	2.0800	8900.0	172	17740	No
76	GOM_NL__2PRFIN20050722_101529_00000852039_00151_17740_5212.N1	22-JUL-2005 10:15:29	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17740	No
77	GOM_NL__2PRFIN20050722_101841_00000862039_00151_17740_5213.N1	22-JUL-2005 10:18:41	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17740	No
78	GOM_NL__2PRFIN20050722_102255_00000862039_00151_17740_5214.N1	22-JUL-2005 10:22:55	Bright	85.500	60	7Bet UMi	2.0810	3950.0	171	17740	No
79	GOM_NL__2PRFIN20050722_105149_00000892039_00151_17740_5215.N1	22-JUL-2005 10:51:49	Dark	88.500	30	46Eps Ori	1.6940	30000.	177	17740	No
80	GOM_NL__2PRFIN20050722_105405_00000952039_00151_17740_5216.N1	22-JUL-2005 10:54:05	Dark	94.500	7	19Bet Ori	0.10000	14000.	189	17740	No
81	GOM_NL__2PRFIN20050722_105626_00000912039_00151_17740_5217.N1	22-JUL-2005 10:56:26	Dark	91.000	101	11Alp Lep	2.5820	7000.0	182	17740	No
82	GOM_NL__2PRFIN20050722_111552_00000852039_00152_17741_5228.N1	22-JUL-2005 11:15:52	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17741	No
83	GOM_NL__2PRFIN20050722_113138_00000922039_00152_17741_5229.N1	22-JUL-2005 11:31:38	Bright	92.000	38	20Eps Sgr	1.8360	11000.	184	17741	No
84	GOM_NL__2PRFIN20050722_113405_00000882039_00152_17741_5230.N1	22-JUL-2005 11:34:05	Bright	87.500	137	22Lam Sgr	2.8240	4400.0	175	17741	No
85	GOM_NL__2PRFIN20050722_114251_00000862039_00152_17741_5231.N1	22-JUL-2005 11:42:51	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17741	No
86	GOM_NL__2PRFIN20050722_114510_00000862039_00152_17741_5232.N1	22-JUL-2005 11:45:10	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17741	No
87	GOM_NL__2PRFIN20050722_115605_00000862039_00152_17741_5233.N1	22-JUL-2005 11:56:05	Bright	85.500	130	23Bet Dra	2.7990	5800.0	171	17741	No
88	GOM_NL__2PRFIN20050722_115918_00000872039_00152_17741_5234.N1	22-JUL-2005 11:59:18	Bright	87.000	119	14Eta Dra	2.7270	4700.0	174	17741	No
89	GOM_NL__2PRFIN20050722_120331_00000832039_00152_17741_5235.N1	22-JUL-2005 12:03:31	Bright	83.000	60	7Bet UMi	2.0810	3950.0	166	17741	No
90	GOM_NL__2PRFIN20050722_123226_00000902039_00152_17741_5236.N1	22-JUL-2005 12:32:26	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17741	No
91	GOM_NL__2PRFIN20050722_123442_00000962039_00152_17741_5237.N1	22-JUL-2005 12:34:42	Dark	96.000	7	19Bet Ori	0.10000	14000.	192	17741	No
92	GOM_NL__2PRFIN20050722_123703_00000912039_00152_17741_5238.N1	22-JUL-2005 12:37:03	Dark	91.000	101	11Alp Lep	2.5820	7000.0	182	17741	No
93	GOM_NL__2PRFIN20050722_125628_00000852039_00153_17742_5230.N1	22-JUL-2005 12:56:28	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17742	No
94	GOM_NL__2PRFIN20050722_131214_00000912039_00153_17742_5231.N1	22-JUL-2005 13:12:14	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17742	No
95	GOM_NL__2PRFIN20050722_131441_00000882039_00153_17742_5232.N1	22-JUL-2005 13:14:41	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17742	No
96	GOM_NL__2PRFIN20050722_132328_00000882039_00153_17742_5233.N1	22-JUL-2005 13:23:28	Bright	87.500	126	60Bet Oph	2.7700	4250.0	175	17742	No
97	GOM_NL__2PRFIN20050722_132546_00000882039_00153_17742_5234.N1	22-JUL-2005 13:25:46	Bright	87.500	59	55Alp Oph	2.0800	8900.0	175	17742	No
98	GOM_NL__2PRFIN20050722_133641_00000822039_00153_17742_5235.N1	22-JUL-2005 13:36:41	Bright	81.500	130	23Bet Dra	2.7990	5800.0	163	17742	No
99	GOM_NL__2PRFIN20050722_133954_00000862039_00153_17742_5236.N1	22-JUL-2005 13:39:54	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17742	No
100	GOM_NL__2PRFIN20050722_134407_00000832039_00153_17742_5237.N1	22-JUL-2005 13:44:07	Bright	82.500	60	7Bet UMi	2.0810	3950.0	165	17742	No
101	GOM_NL__2PRFIN20050722_141302_00000902039_00153_17742_5238.N1	22-JUL-2005 14:13:02	Dark	90.000	30	46Eps Ori	1.6940	30000.	180	17742	No

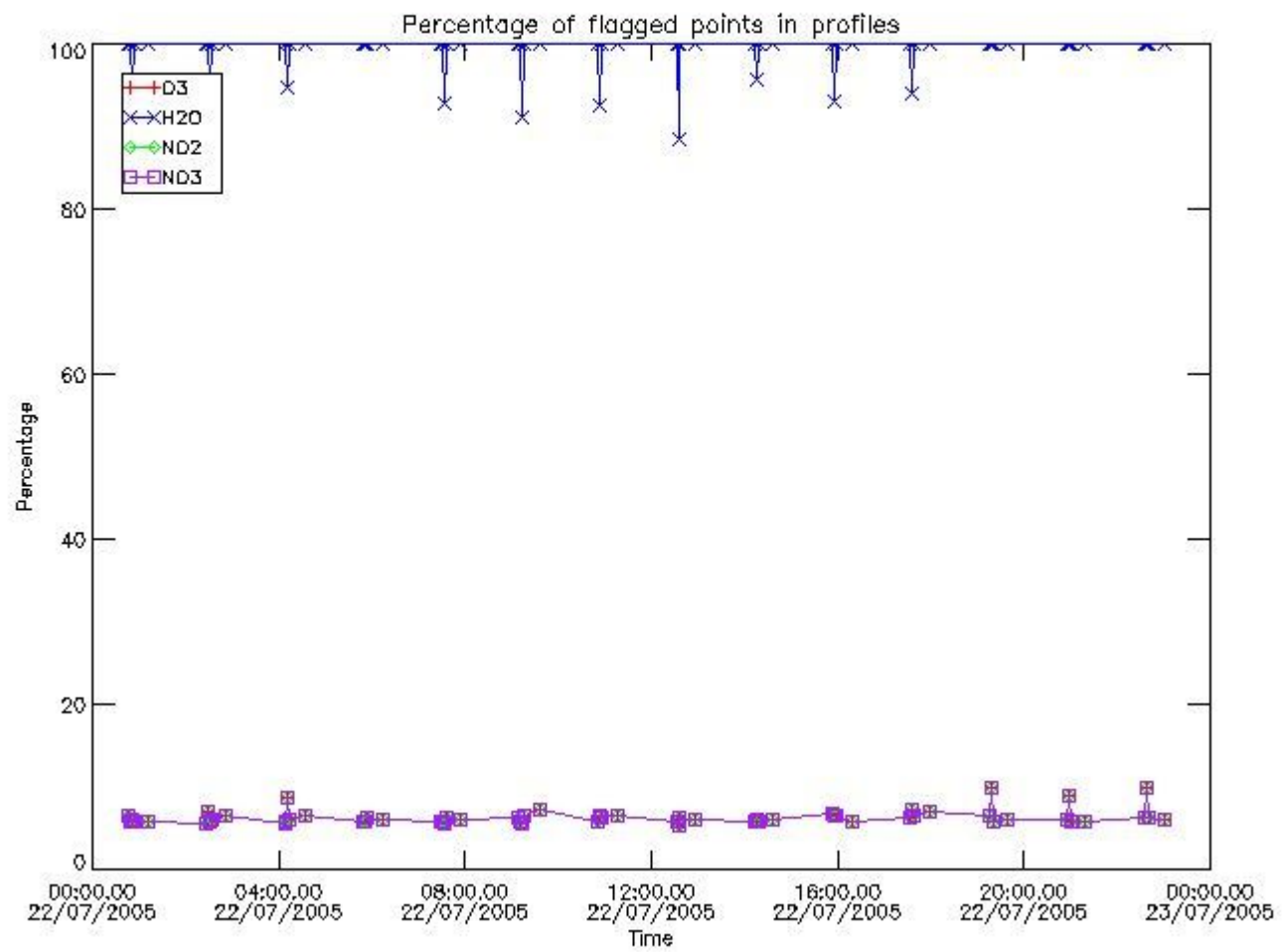
102	GOM_NL__2PRFIN20050722_141518_000001032039_00153_17742_5239.N1	22-JUL-2005 14:15:18	Dark	102.50	7	19Bet Ori	0.10000	14000.	205	17742	No
103	GOM_NL__2PRFIN20050722_141739_000000882039_00153_17742_5240.N1	22-JUL-2005 14:17:39	Dark	88.000	101	11Alp Lep	2.5820	7000.0	176	17742	No
104	GOM_NL__2PRFIN20050722_143704_000000872039_00154_17743_5232.N1	22-JUL-2005 14:37:04	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17743	No
105	GOM_NL__2PRFIN20050722_145250_000000932039_00154_17743_5233.N1	22-JUL-2005 14:52:50	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17743	No
106	GOM_NL__2PRFIN20050722_145517_000000892039_00154_17743_5234.N1	22-JUL-2005 14:55:17	Bright	88.500	137	22Lam Sgr	2.8240	4400.0	177	17743	No
107	GOM_NL__2PRFIN20050722_150404_000000872039_00154_17743_5235.N1	22-JUL-2005 15:04:04	Bright	87.000	126	60Bet Oph	2.7700	4250.0	174	17743	No
108	GOM_NL__2PRFIN20050722_150623_000000842039_00154_17743_5236.N1	22-JUL-2005 15:06:23	Bright	83.500	59	55Alp Oph	2.0800	8900.0	167	17743	No
109	GOM_NL__2PRFIN20050722_151717_000000852039_00154_17743_5237.N1	22-JUL-2005 15:17:17	Bright	84.500	130	23Bet Dra	2.7990	5800.0	169	17743	No
110	GOM_NL__2PRFIN20050722_152030_000000832039_00154_17743_5238.N1	22-JUL-2005 15:20:30	Bright	82.500	119	14Eta Dra	2.7270	4700.0	165	17743	No
111	GOM_NL__2PRFIN20050722_152443_000000852039_00154_17743_5239.N1	22-JUL-2005 15:24:43	Bright	84.500	60	7Bet UMi	2.0810	3950.0	169	17743	No
112	GOM_NL__2PRFIN20050722_155338_000000922039_00154_17743_5240.N1	22-JUL-2005 15:53:38	Dark	92.000	30	46Eps Ori	1.6940	30000.	184	17743	No
113	GOM_NL__2PRFIN20050722_155554_000000952039_00154_17743_5241.N1	22-JUL-2005 15:55:54	Dark	94.500	7	19Bet Ori	0.10000	14000.	189	17743	No
114	GOM_NL__2PRFIN20050722_155815_000000872039_00154_17743_5242.N1	22-JUL-2005 15:58:15	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17743	No
115	GOM_NL__2PRFIN20050722_161740_000000872039_00155_17744_5065.N1	22-JUL-2005 16:17:40	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17744	No
116	GOM_NL__2PRFIN20050722_163326_000000902039_00155_17744_5066.N1	22-JUL-2005 16:33:26	Bright	89.500	38	20Eps Sgr	1.8360	11000.	179	17744	No
117	GOM_NL__2PRFIN20050722_163553_000000872039_00155_17744_5067.N1	22-JUL-2005 16:35:53	Bright	87.000	137	22Lam Sgr	2.8240	4400.0	174	17744	No
118	GOM_NL__2PRFIN20050722_164440_000000852039_00155_17744_5068.N1	22-JUL-2005 16:44:40	Bright	84.500	126	60Bet Oph	2.7700	4250.0	169	17744	No
119	GOM_NL__2PRFIN20050722_164659_000000852039_00155_17744_5069.N1	22-JUL-2005 16:46:59	Bright	85.000	59	55Alp Oph	2.0800	8900.0	170	17744	No
120	GOM_NL__2PRFIN20050722_165753_000000852039_00155_17744_5070.N1	22-JUL-2005 16:57:53	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17744	No
121	GOM_NL__2PRFIN20050722_170106_000000862039_00155_17744_5071.N1	22-JUL-2005 17:01:06	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17744	No
122	GOM_NL__2PRFIN20050722_170519_000000862039_00155_17744_5072.N1	22-JUL-2005 17:05:19	Bright	86.000	60	7Bet UMi	2.0810	3950.0	172	17744	No
123	GOM_NL__2PRFIN20050722_173414_000000892039_00155_17744_5073.N1	22-JUL-2005 17:34:14	Dark	88.500	30	46Eps Ori	1.6940	30000.	177	17744	No
124	GOM_NL__2PRFIN20050722_173630_000000932039_00155_17744_5074.N1	22-JUL-2005 17:36:30	Dark	92.500	7	19Bet Ori	0.10000	14000.	185	17744	No
125	GOM_NL__2PRFIN20050722_173851_000000872039_00155_17744_5075.N1	22-JUL-2005 17:38:51	Dark	87.000	101	11Alp Lep	2.5820	7000.0	174	17744	No
126	GOM_NL__2PRFIN20050722_175816_000000872039_00156_17745_5066.N1	22-JUL-2005 17:58:16	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17745	No
127	GOM_NL__2PRFIN20050722_180615_00000092039_00156_17745_5067.N1	22-JUL-2005 18:06:15	Dark	8.5000	45	Alp Pav	1.9400	26000.	17	17745	Yes
128	GOM_NL__2PRFIN20050722_181403_000000912039_00156_17745_5068.N1	22-JUL-2005 18:14:03	Bright	90.500	38	20Eps Sgr	1.8360	11000.	181	17745	No
129	GOM_NL__2PRFIN20050722_181629_000000882039_00156_17745_5069.N1	22-JUL-2005 18:16:29	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17745	No
130	GOM_NL__2PRFIN20050722_182516_000000872039_00156_17745_5070.N1	22-JUL-2005 18:25:16	Bright	86.500	126	60Bet Oph	2.7700	4250.0	173	17745	No
131	GOM_NL__2PRFIN20050722_182735_000000862039_00156_17745_5071.N1	22-JUL-2005 18:27:35	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17745	No
132	GOM_NL__2PRFIN20050722_183829_000000852039_00156_17745_5072.N1	22-JUL-2005 18:38:29	Bright	85.000	130	23Bet Dra	2.7990	5800.0	170	17745	No
133	GOM_NL__2PRFIN20050722_184142_000000862039_00156_17745_5073.N1	22-JUL-2005 18:41:42	Bright	85.500	119	14Eta Dra	2.7270	4700.0	171	17745	No
134	GOM_NL__2PRFIN20050722_184555_000000842039_00156_17745_5074.N1	22-JUL-2005 18:45:55	Bright	83.500	60	7Bet UMi	2.0810	3950.0	167	17745	No
135	GOM_NL__2PRFIN20050722_191450_000000862039_00156_17745_5075.N1	22-JUL-2005 19:14:50	Dark	86.000	30	46Eps Ori	1.6940	30000.	172	17745	No
136	GOM_NL__2PRFIN20050722_191707_000000572039_00156_17745_5076.N1	22-JUL-2005 19:17:07	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	17745	No
137	GOM_NL__2PRFIN20050722_191927_000000892039_00156_17745_5077.N1	22-JUL-2005 19:19:27	Dark	88.500	101	11Alp Lep	2.5820	7000.0	177	17745	No
138	GOM_NL__2PRFIN20050722_193853_000000872039_00157_17746_5068.N1	22-JUL-2005 19:38:53	Dark	86.500	135	Bet Hyi	2.8200	5800.0	173	17746	No
139	GOM_NL__2PRFIN20050722_194651_00000092039_00157_17746_5069.N1	22-JUL-2005 19:46:51	Dark	9.0000	45	Alp Pav	1.9400	26000.	18	17746	Yes
140	GOM_NL__2PRFIN20050722_195439_000000932039_00157_17746_5070.N1	22-JUL-2005 19:54:39	Bright	92.500	38	20Eps Sgr	1.8360	11000.	185	17746	No
141	GOM_NL__2PRFIN20050722_195705_000000902039_00157_17746_5071.N1	22-JUL-2005 19:57:05	Bright	89.500	137	22Lam Sgr	2.8240	4400.0	179	17746	No
142	GOM_NL__2PRFIN20050722_200552_000000852039_00157_17746_5072.N1	22-JUL-2005 20:05:52	Bright	84.500	126	60Bet Oph	2.7700	4250.0	169	17746	No
143	GOM_NL__2PRFIN20050722_200811_000000862039_00157_17746_5073.N1	22-JUL-2005 20:08:11	Bright	85.500	59	55Alp Oph	2.0800	8900.0	171	17746	No
144	GOM_NL__2PRFIN20050722_201905_000000872039_00157_17746_5074.N1	22-JUL-2005 20:19:05	Bright	86.500	130	23Bet Dra	2.7990	5800.0	173	17746	No
145	GOM_NL__2PRFIN20050722_202219_000000872039_00157_17746_5075.N1	22-JUL-2005 20:22:19	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17746	No
146	GOM_NL__2PRFIN20050722_202632_000000872039_00157_17746_5076.N1	22-JUL-2005 20:26:32	Bright	87.000	60	7Bet UMi	2.0810	3950.0	174	17746	No
147	GOM_NL__2PRFIN20050722_205526_000000852039_00157_17746_5077.N1	22-JUL-2005 20:55:26	Dark	85.000	30	46Eps Ori	1.6940	30000.	170	17746	No
148	GOM_NL__2PRFIN20050722_205743_000000572039_00157_17746_5078.N1	22-JUL-2005 20:57:43	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	17746	No
149	GOM_NL__2PRFIN20050722_210003_000000882039_00157_17746_5079.N1	22-JUL-2005 21:00:03	Dark	87.500	101	11Alp Lep	2.5820	7000.0	175	17746	No
150	GOM_NL__2PRFIN20050722_211929_000000872039_00158_17747_5070.N1	22-JUL-2005 21:19:29	Dark	87.000	135	Bet Hyi	2.8200	5800.0	174	17747	No
151	GOM_NL__2PRFIN20050722_212727_00000092039_00158_17747_5071.N1	22-JUL-2005 21:27:27	Dark	9.0000	45	Alp Pav	1.9400	26000.	18	17747	Yes
152	GOM_NL__2PRFIN20050722_213515_000000902039_00158_17747_5072.N1	22-JUL-2005 21:35:15	Bright	90.000	38	20Eps Sgr	1.8360	11000.	180	17747	No
153	GOM_NL__2PRFIN20050722_213741_000000882039_00158_17747_5073.N1	22-JUL-2005 21:37:41	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17747	No
154	GOM_NL__2PRFIN20050722_214628_000000862039_00158_17747_5074.N1	22-JUL-2005 21:46:28	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17747	No
155	GOM_NL__2PRFIN20050722_214847_000000872039_00158_17747_5075.N1	22-JUL-2005 21:48:47	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17747	No
156	GOM_NL__2PRFIN20050722_215941_000000862039_00158_17747_5076.N1	22-JUL-2005 21:59:41	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	17747	No
157	GOM_NL__2PRFIN20050722_220255_000000872039_00158_17747_5077.N1	22-JUL-2005 22:02:55	Bright	86.500	119	14Eta Dra	2.7270	4700.0	173	17747	No
158	GOM_NL__2PRFIN20050722_220708_000000872039_00158_17747_5078.N1	22-JUL-2005 22:07:08	Bright	87.000	60	7Bet UMi	2.0810	3950.0	174	17747	No
159	GOM_NL__2PRFIN20050722_223602_000000892039_00158_17747_5079.N1	22-JUL-2005 22:36:02	Dark	89.000	30	46Eps Ori	1.6940	30000.	178	17747	No
160	GOM_NL__2PRFIN20050722_223819_000000572039_00158_17747_5080.N1	22-JUL-2005 22:38:19	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	17747	No

161	GOM_NL__2PRFIN20050722_224039_000000902039_00158_17747_5081.N1	22-JUL-2005 22:40:39	Dark	90.000	101	11Alp Lep	2.5820	7000.0	180	17747	No
162	GOM_NL__2PRFIN20050722_230005_000000852039_00159_17748_5071.N1	22-JUL-2005 23:00:05	Dark	85.000	135	Bet Hyi	2.8200	5800.0	170	17748	No
163	GOM_NL__2PRFIN20050722_230803_000000092039_00159_17748_5072.N1	22-JUL-2005 23:08:03	Dark	9.0000	45	Alp Pav	1.9400	26000.	18	17748	Yes
164	GOM_NL__2PRFIN20050722_231551_000000912039_00159_17748_5073.N1	22-JUL-2005 23:15:51	Bright	91.000	38	20Eps Sgr	1.8360	11000.	182	17748	No
165	GOM_NL__2PRFIN20050722_231817_000000882039_00159_17748_5074.N1	22-JUL-2005 23:18:17	Bright	88.000	137	22Lam Sgr	2.8240	4400.0	176	17748	No
166	GOM_NL__2PRFIN20050722_232704_000000862039_00159_17748_5075.N1	22-JUL-2005 23:27:04	Bright	86.000	126	60Bet Oph	2.7700	4250.0	172	17748	No
167	GOM_NL__2PRFIN20050722_232923_000000872039_00159_17748_5076.N1	22-JUL-2005 23:29:23	Bright	86.500	59	55Alp Oph	2.0800	8900.0	173	17748	No
168	GOM_NL__2PRFIN20050722_234017_000000842039_00159_17748_5077.N1	22-JUL-2005 23:40:17	Bright	84.000	130	23Bet Dra	2.7990	5800.0	168	17748	No
169	GOM_NL__2PRFIN20050722_234331_000000822039_00159_17748_5078.N1	22-JUL-2005 23:43:31	Bright	82.000	119	14Eta Dra	2.7270	4700.0	164	17748	No
170	GOM_NL__2PRFIN20050722_234744_000000872039_00159_17748_5079.N1	22-JUL-2005 23:47:44	Bright	86.500	60	7Bet UMi	2.0810	3950.0	173	17748	No

3. Quality information per product

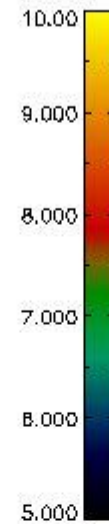
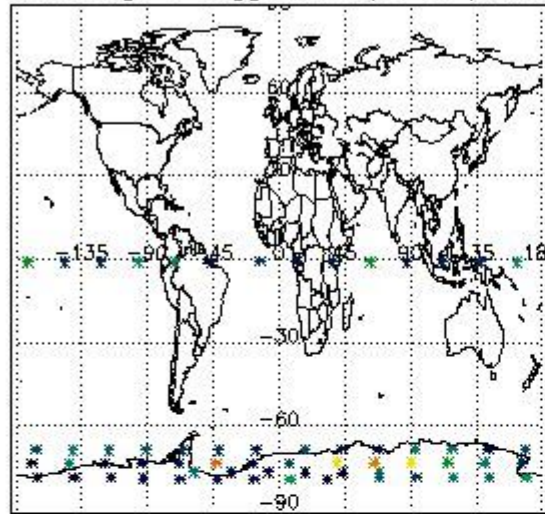
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

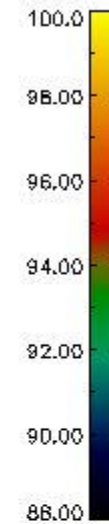
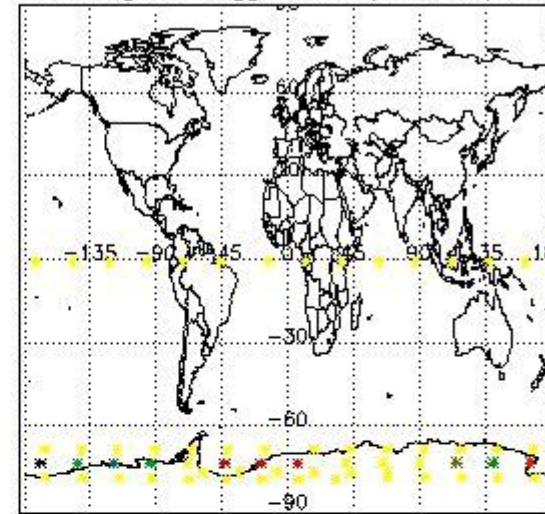


3.2 Plot quality information per product (world map)

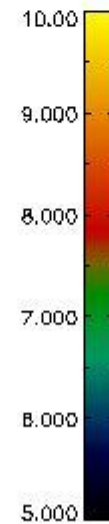
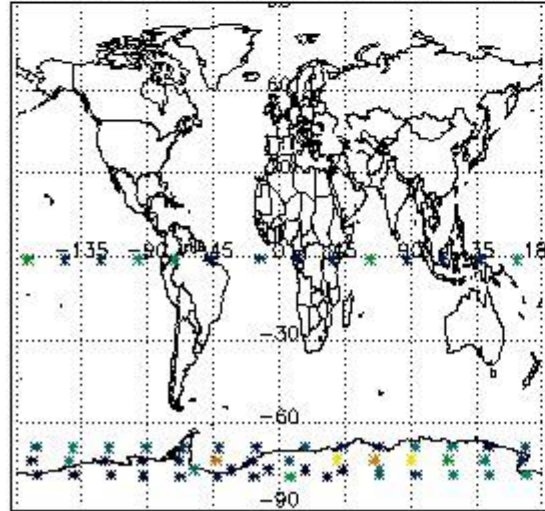
Percentage of flagged data per O3 profile



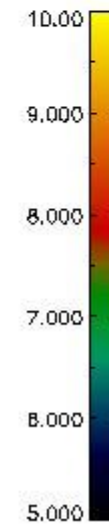
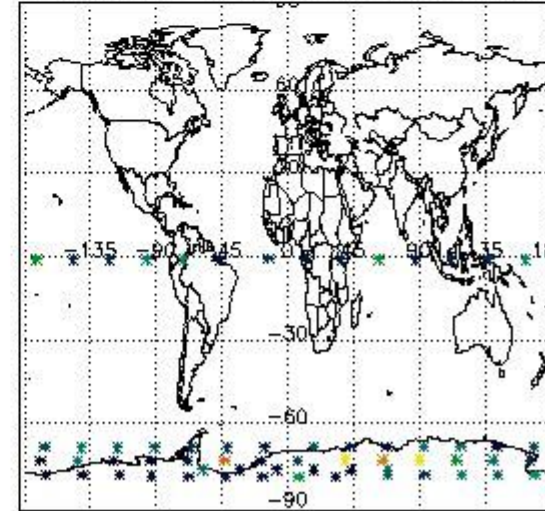
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

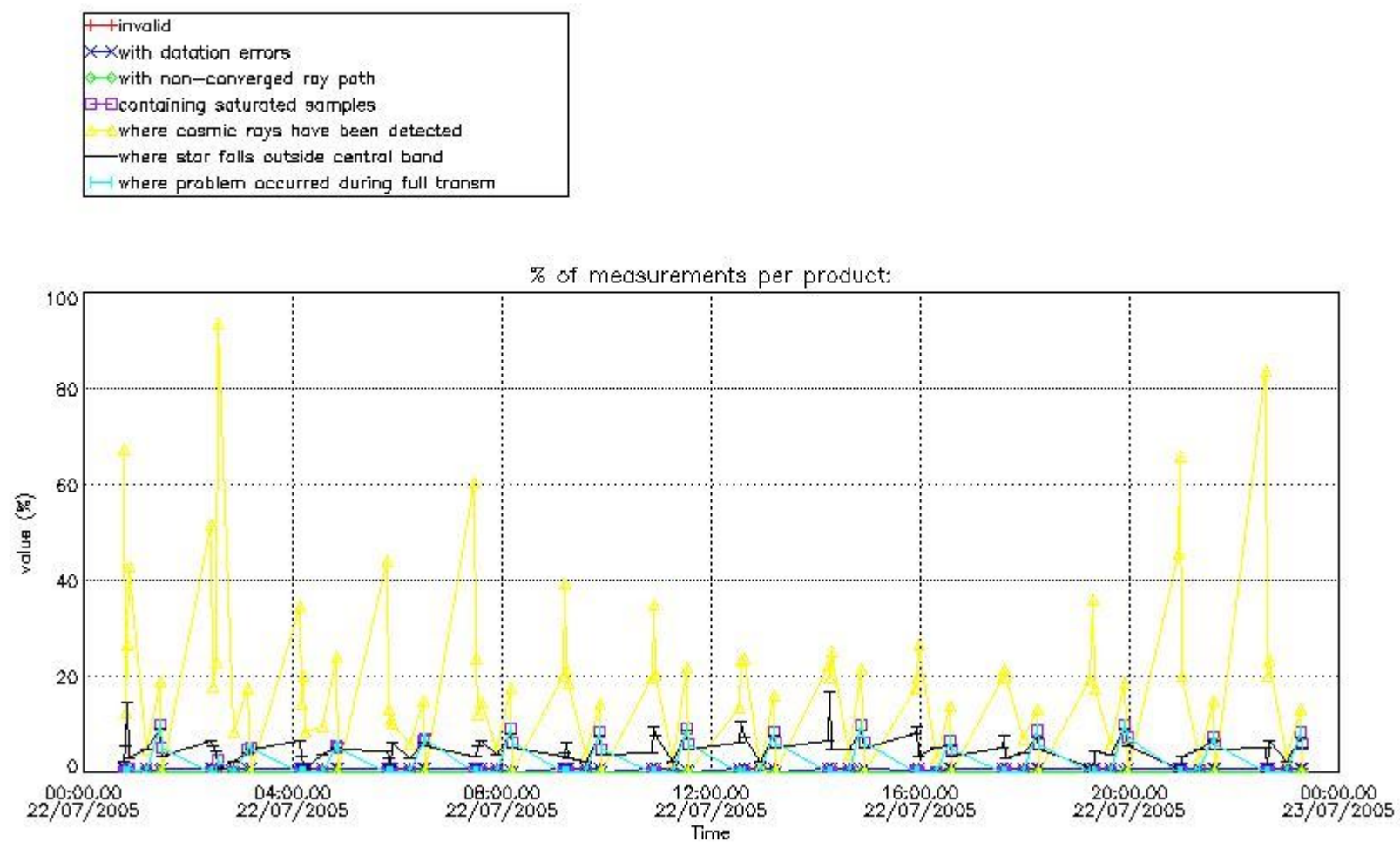


4. Level 1 quality information per product

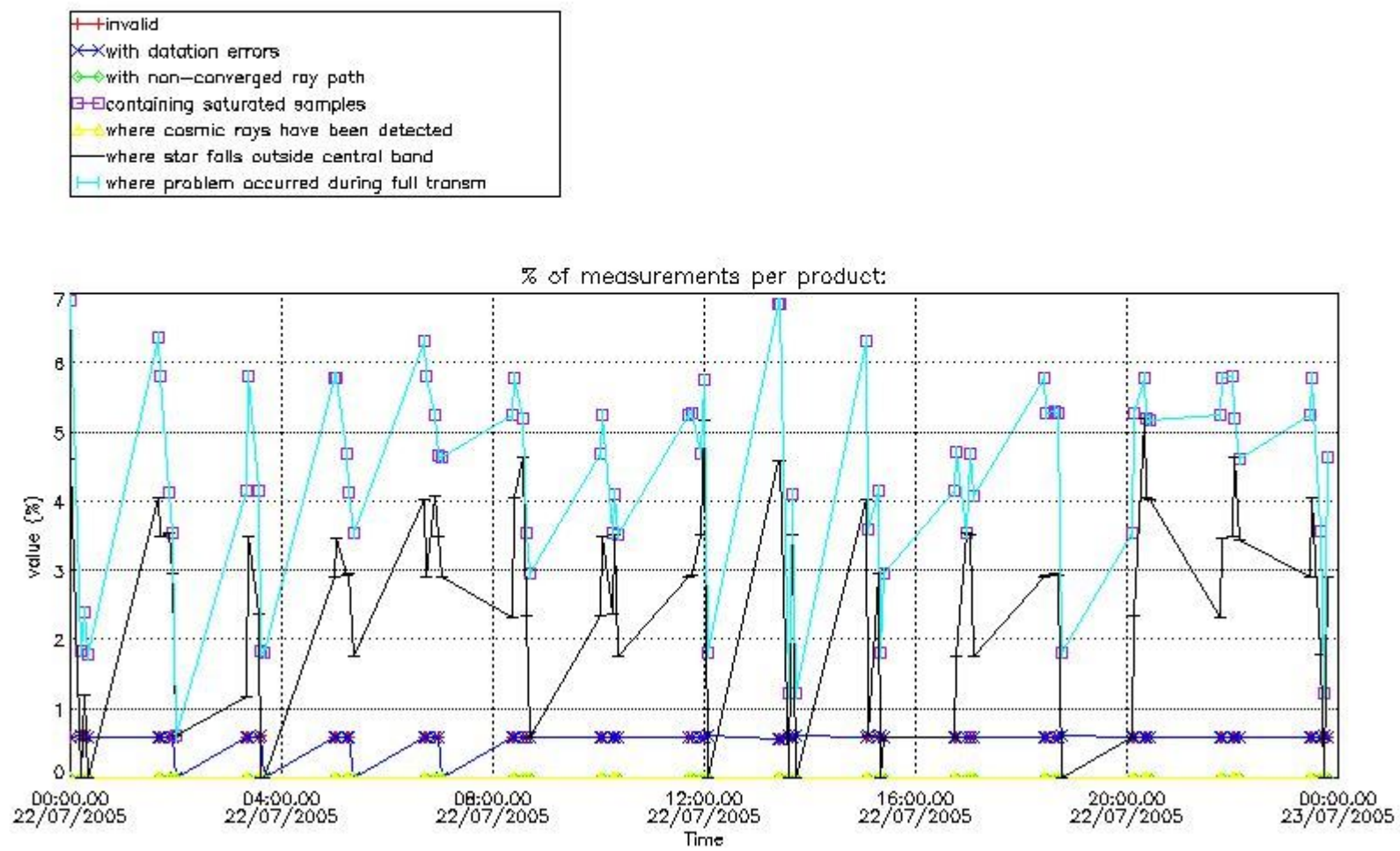
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

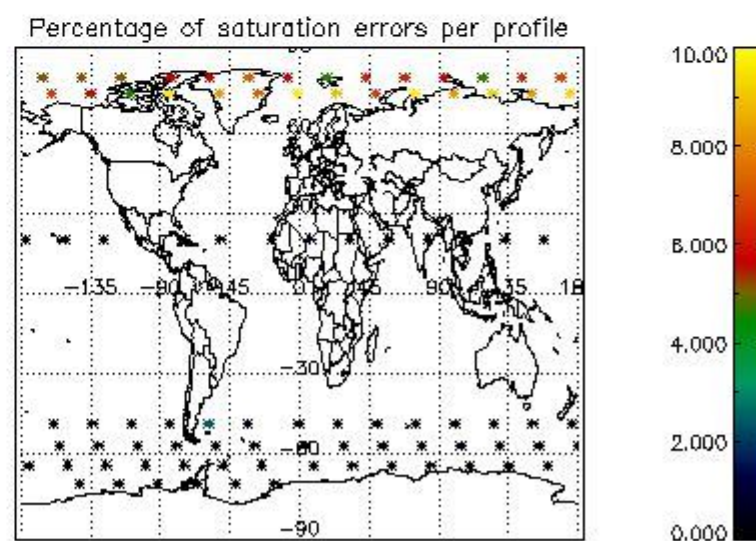
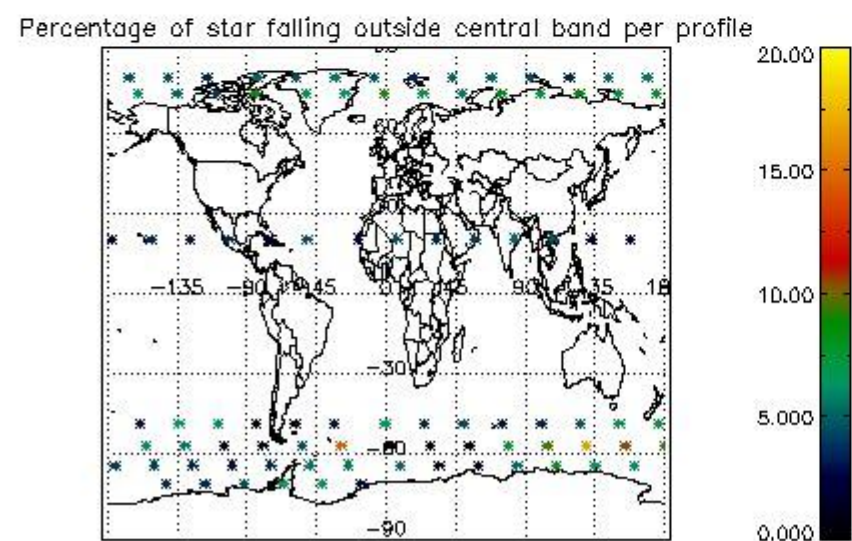
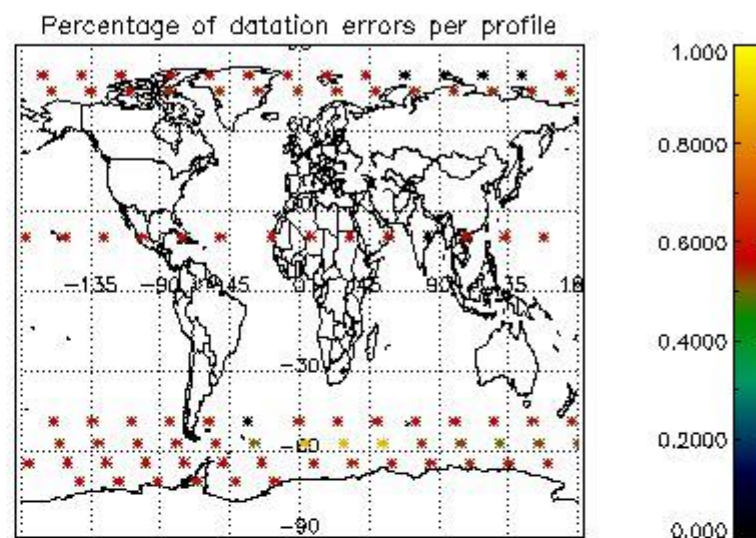
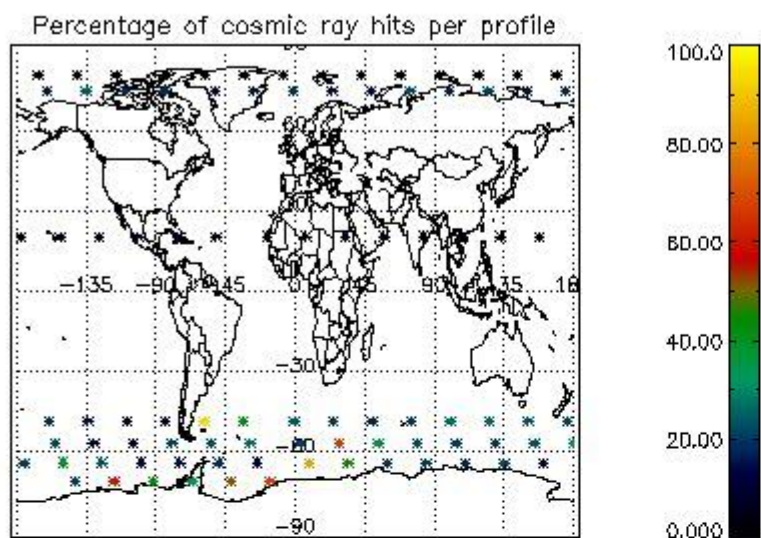


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

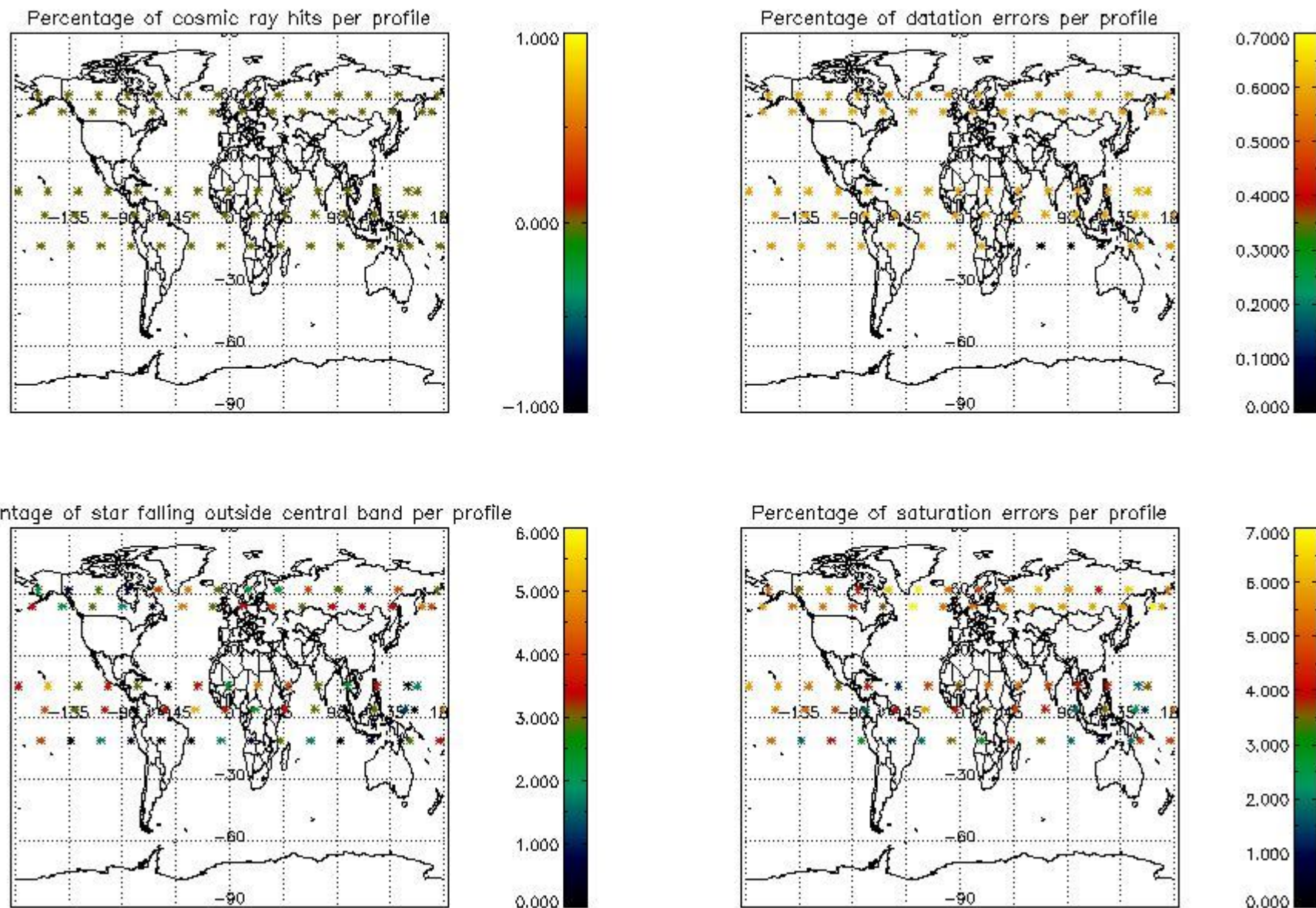


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

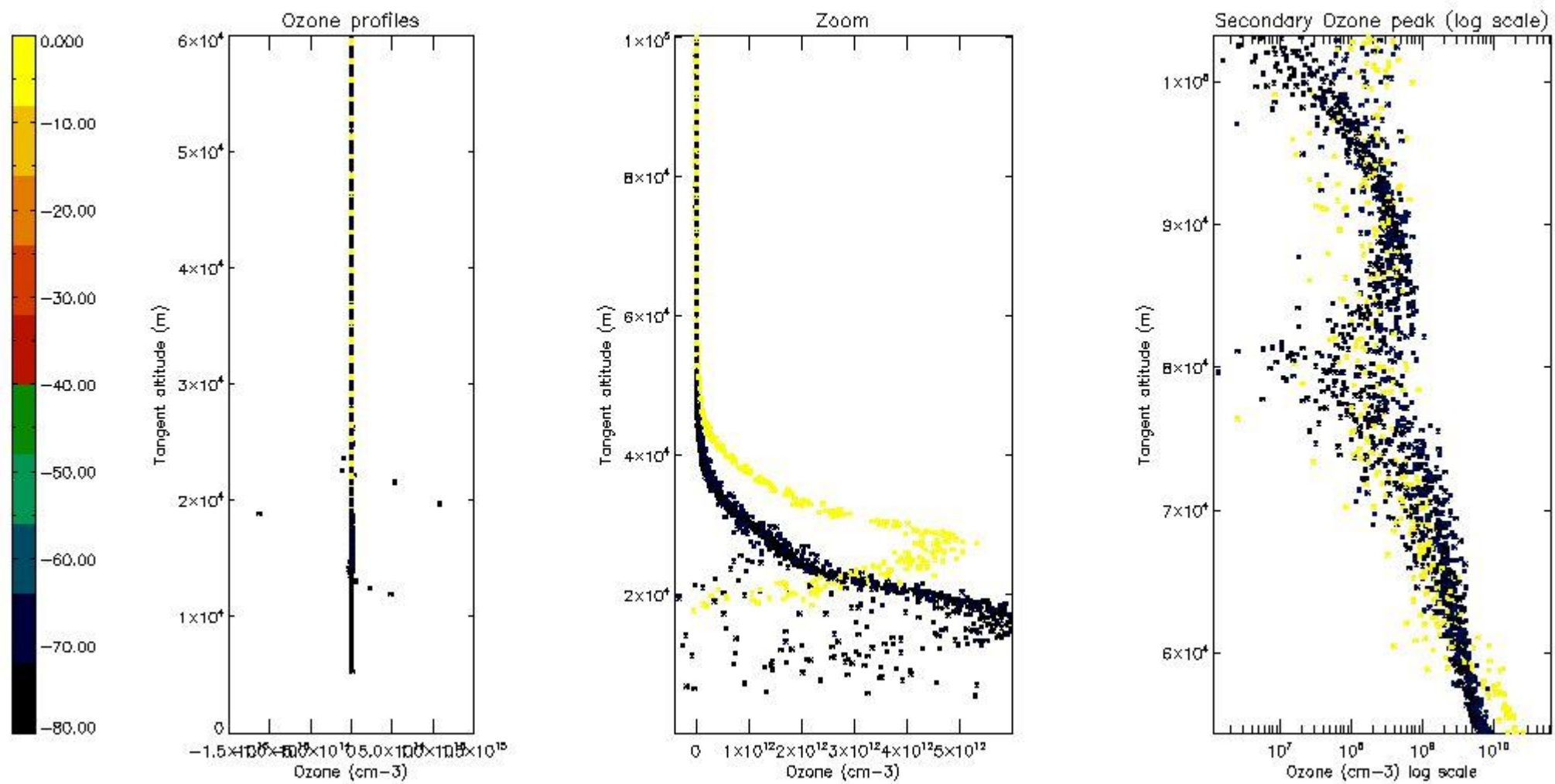
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	9

STD < 10	7
STD < 5	5

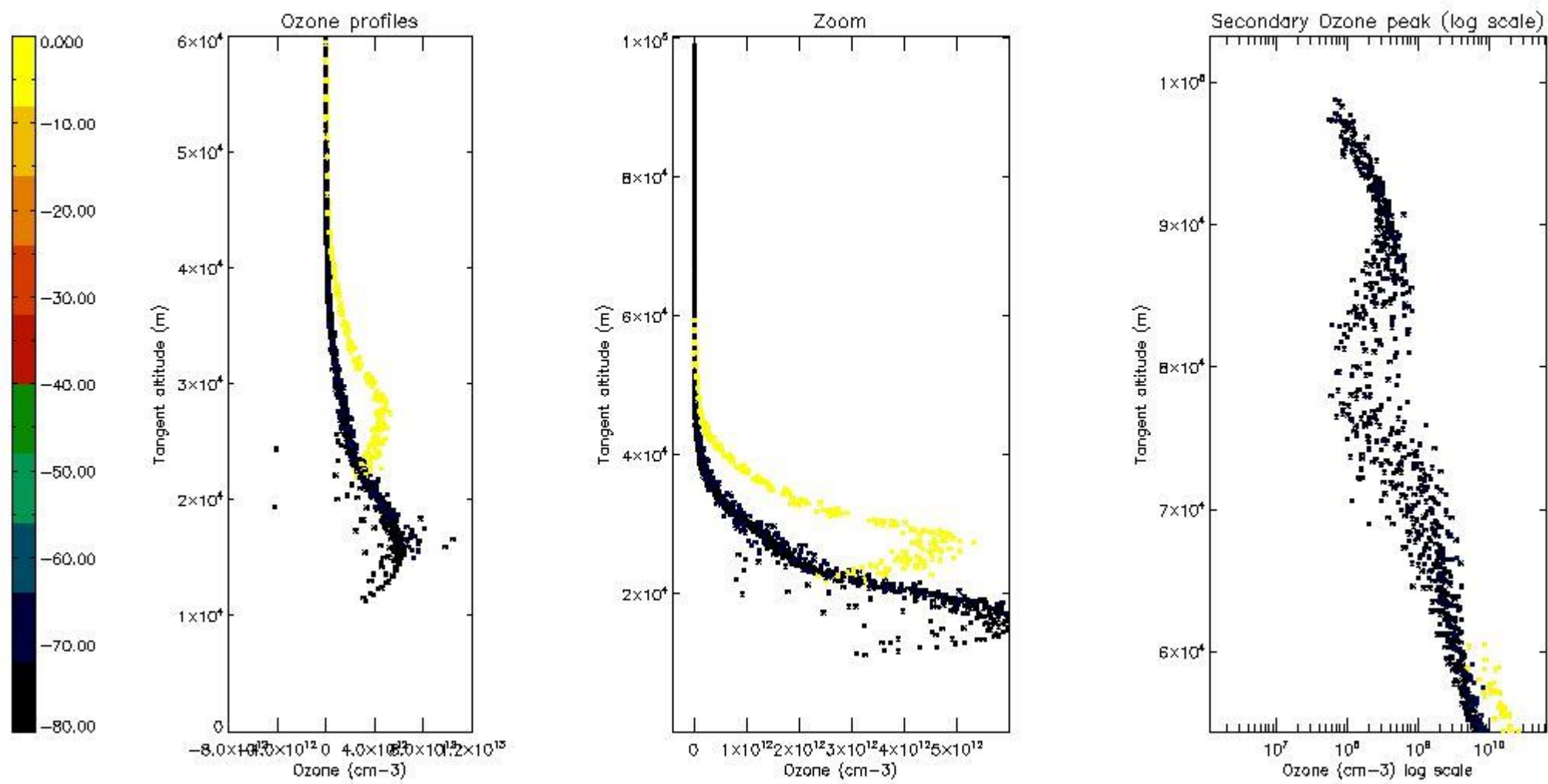
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



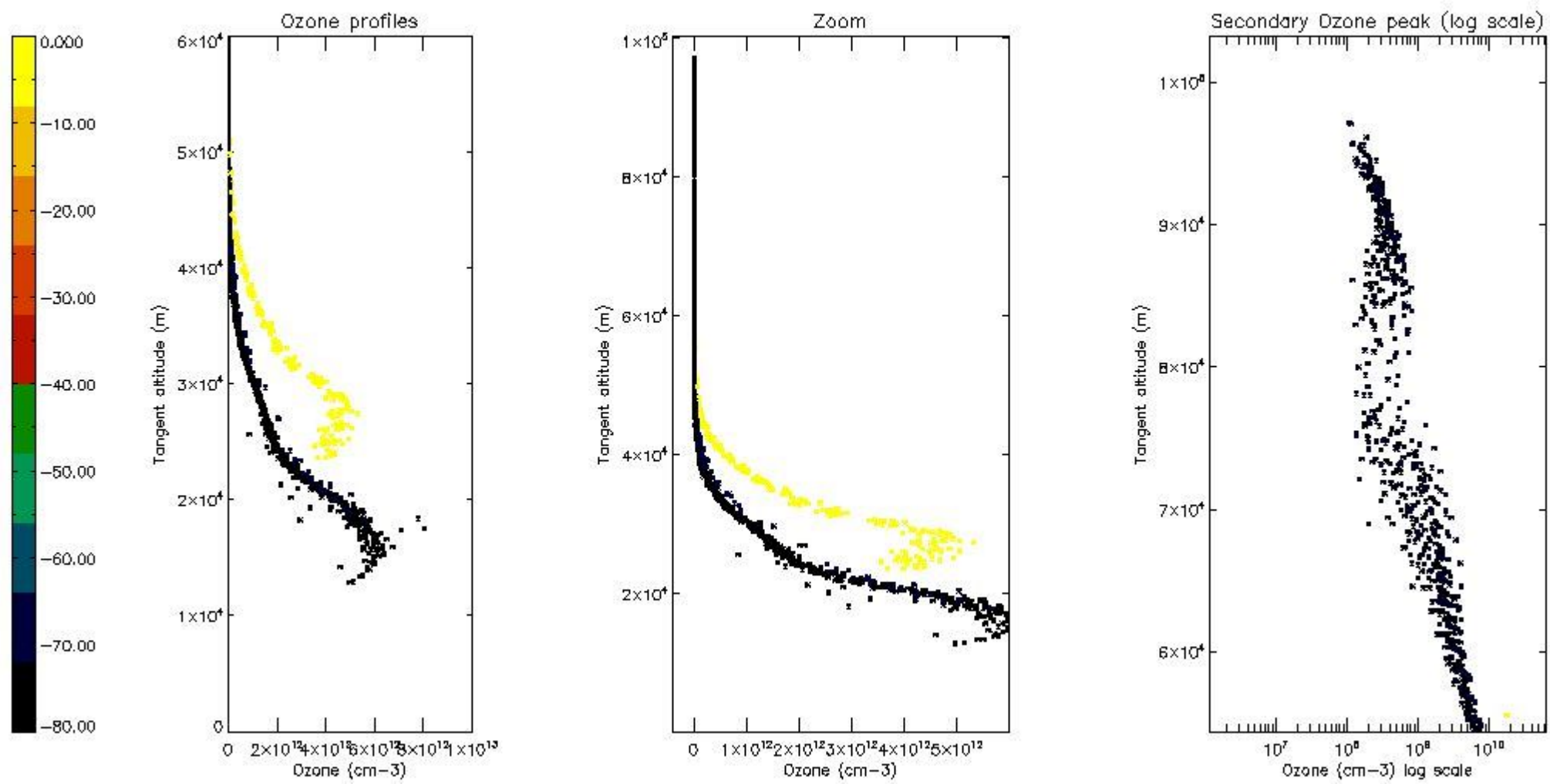
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



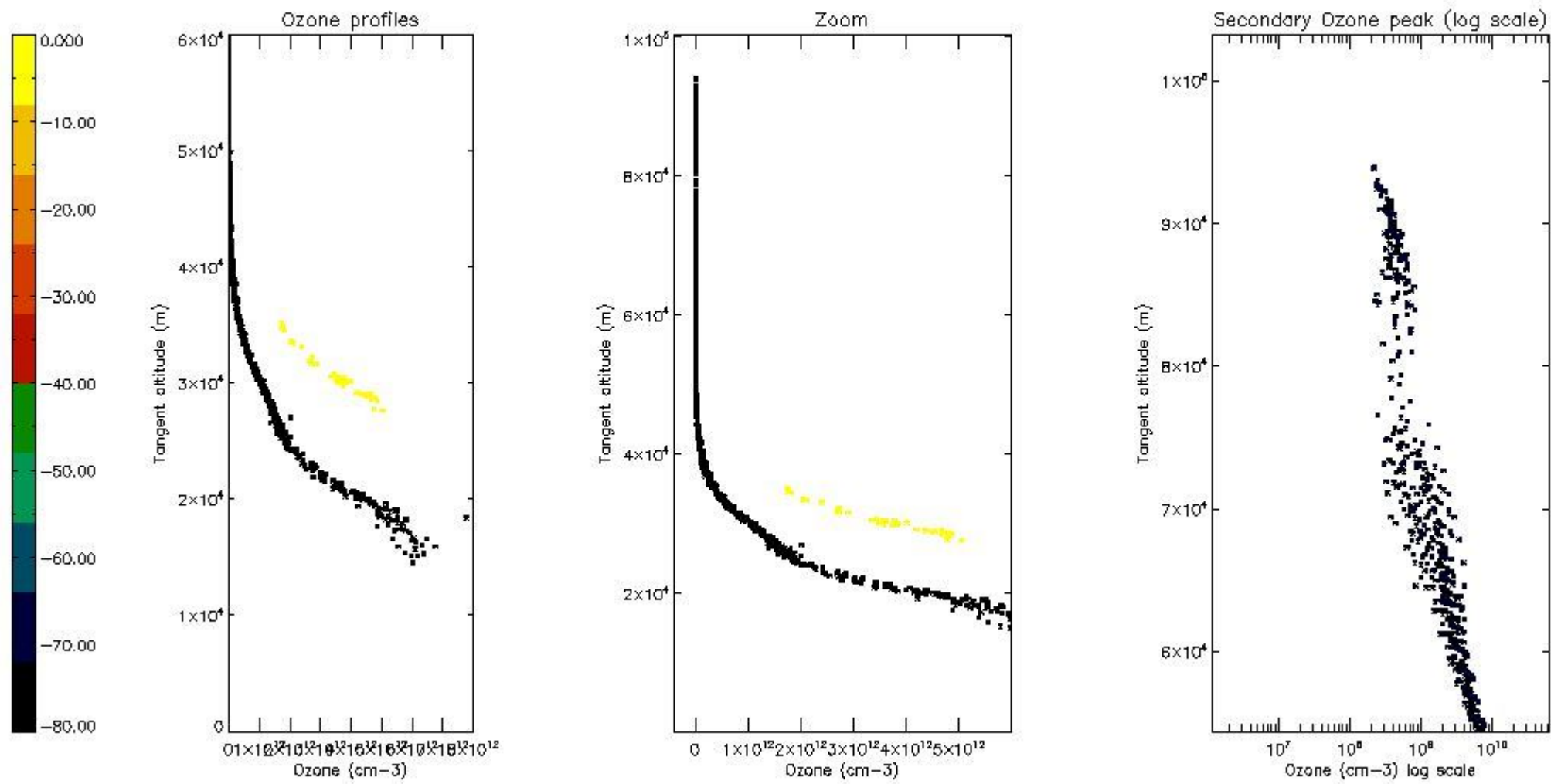
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



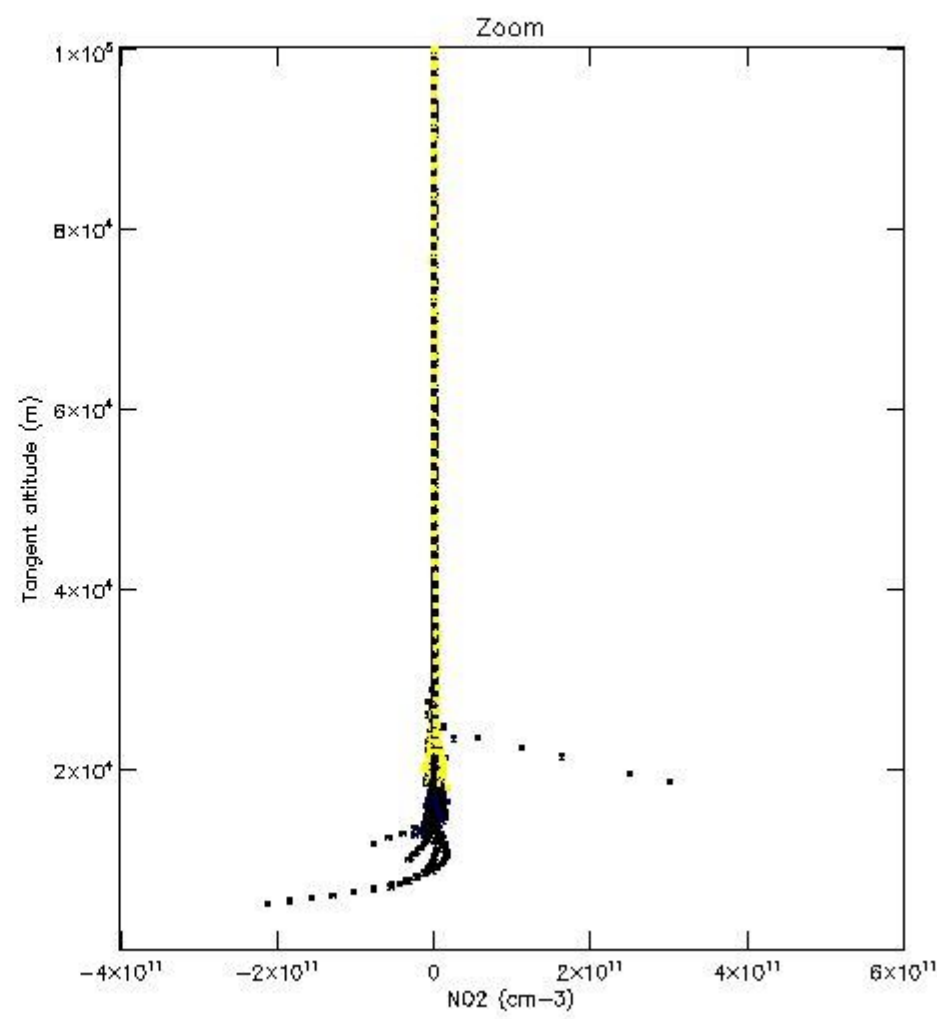
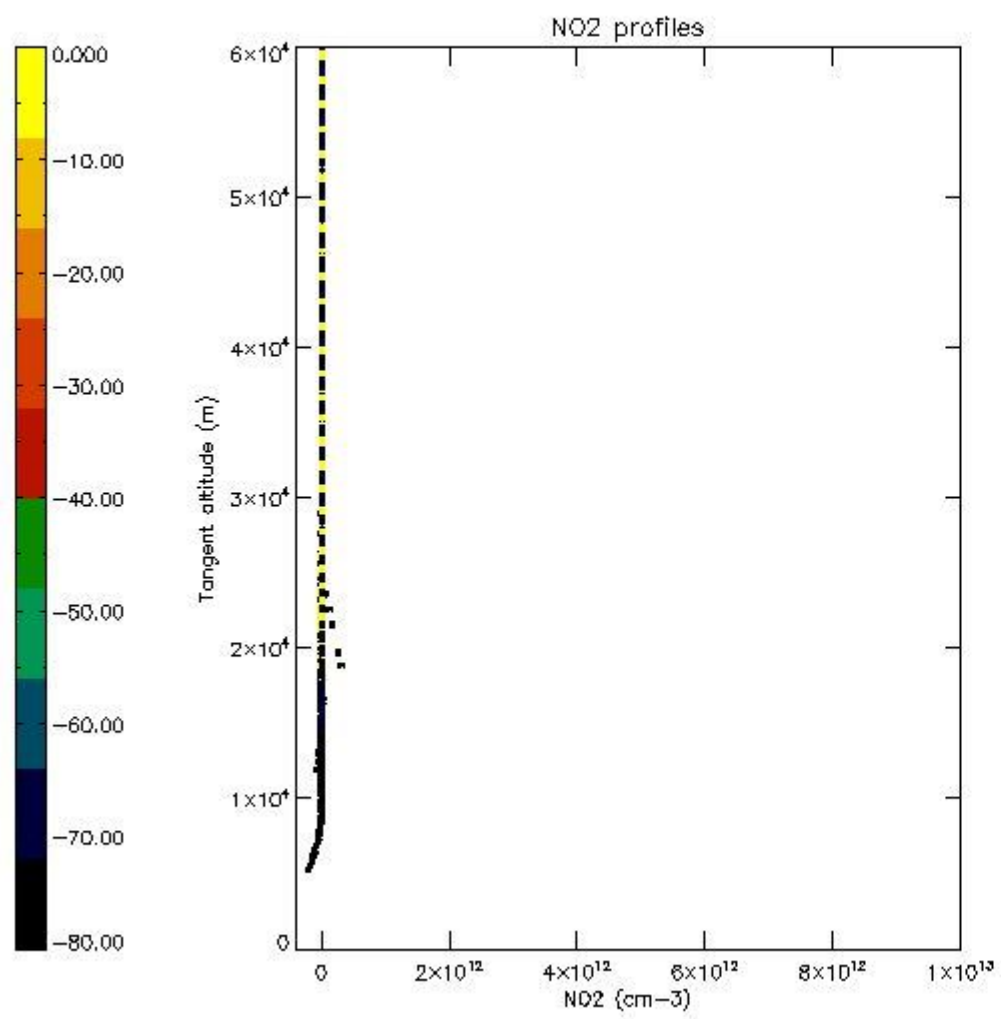
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



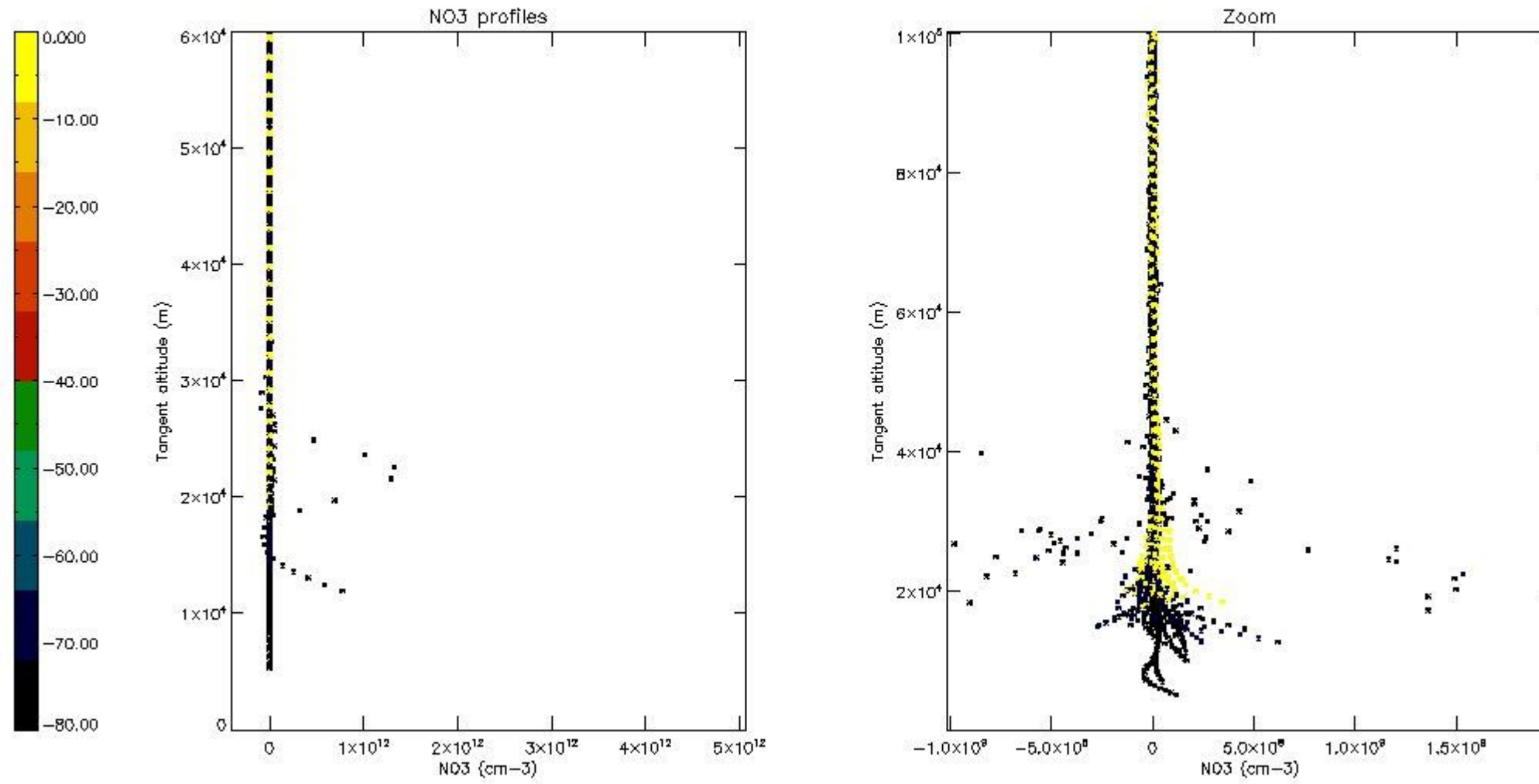
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

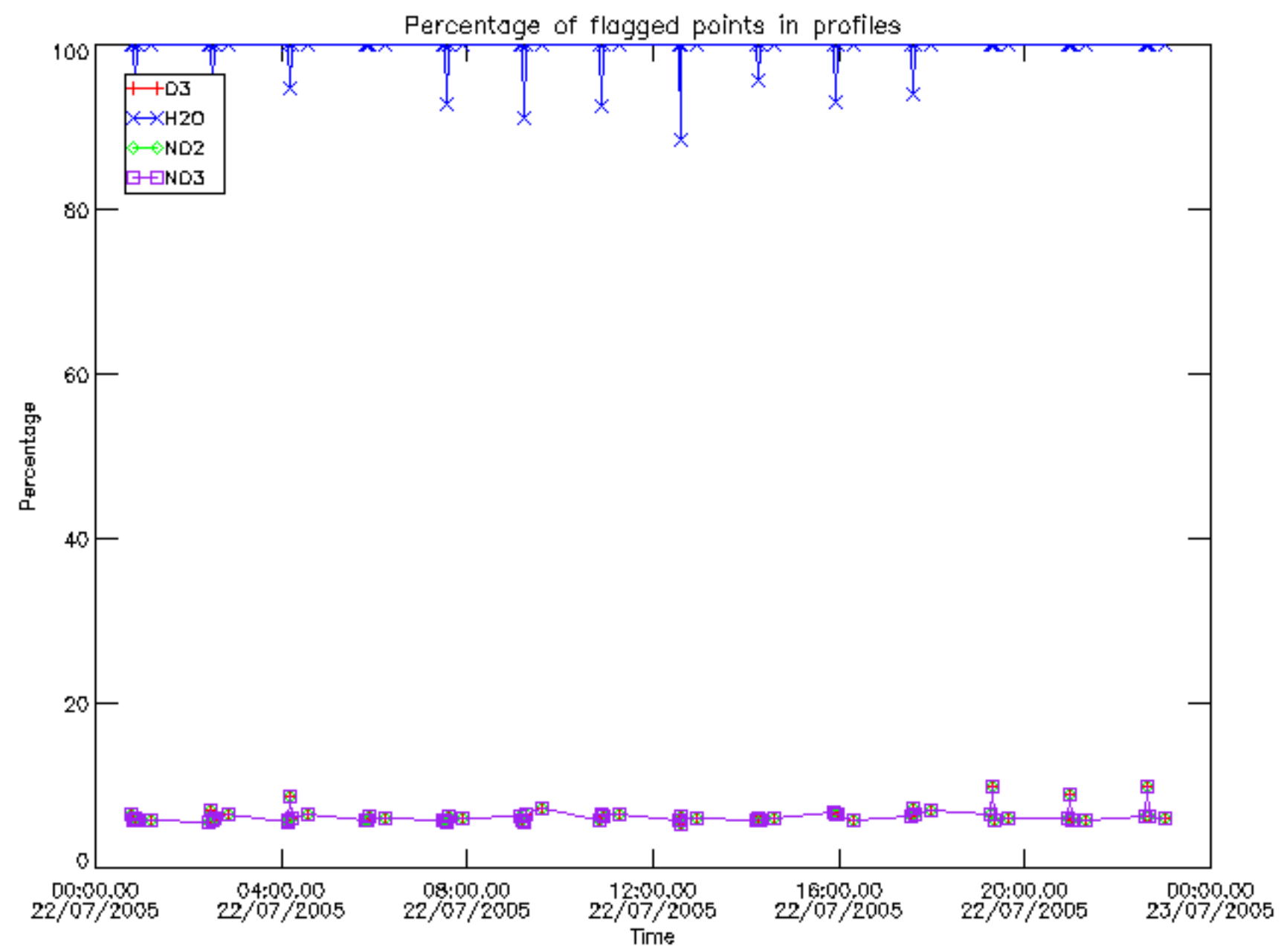
The colorbar represents the latitude.



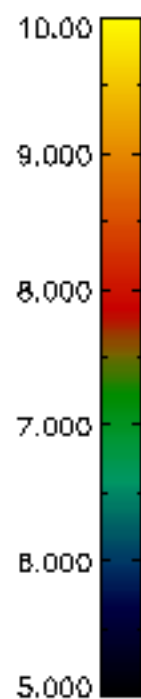
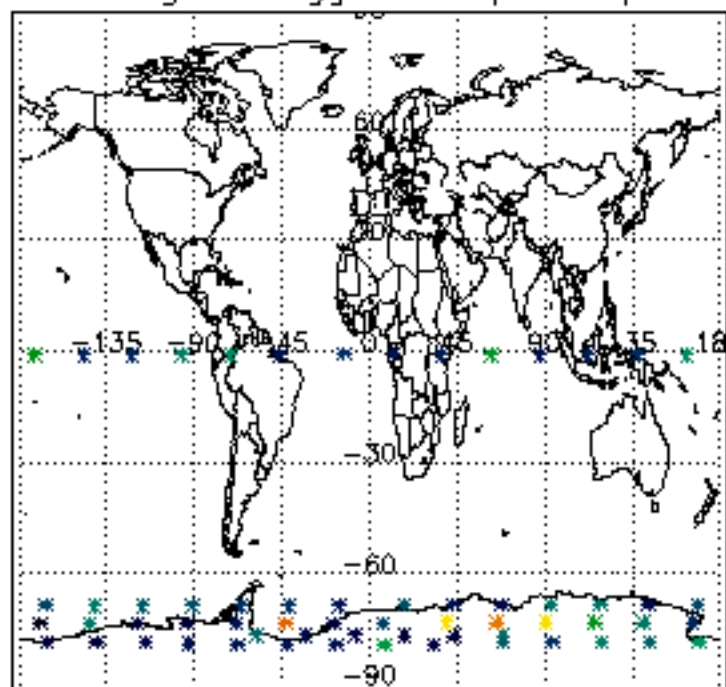
6. Auxiliary Data Files used for the production reported in section 2

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.

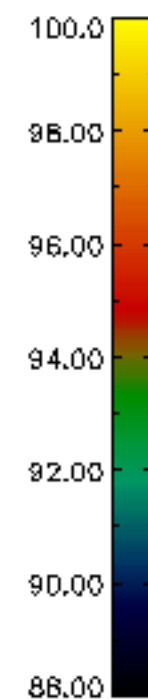
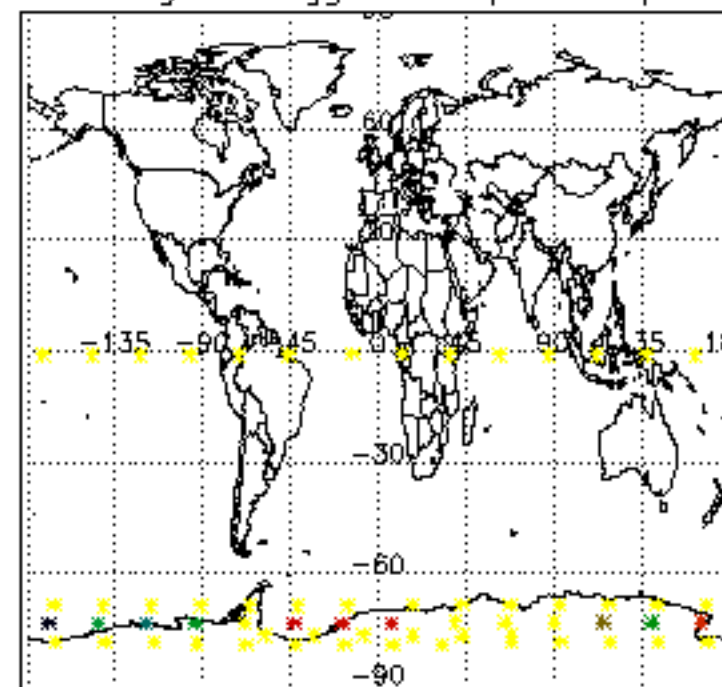
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-JUL-2005 00:00:57
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2005 00:00:57
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2005 00:00:57



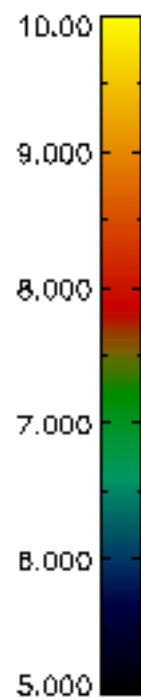
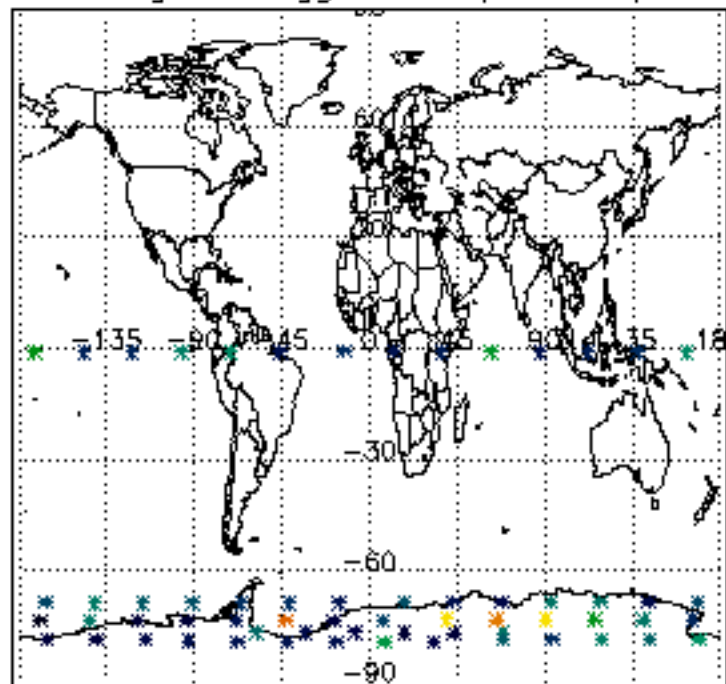
Percentage of flagged data per D3 profile



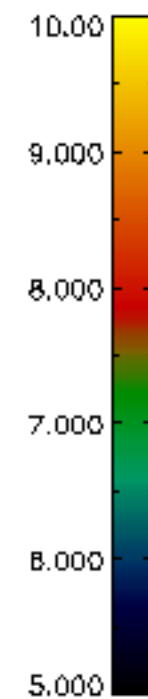
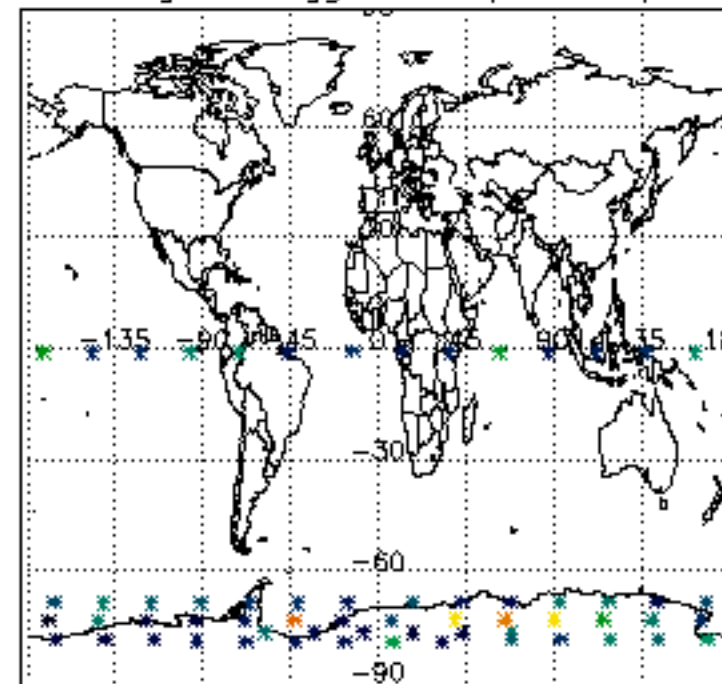
Percentage of flagged data per H2O profile

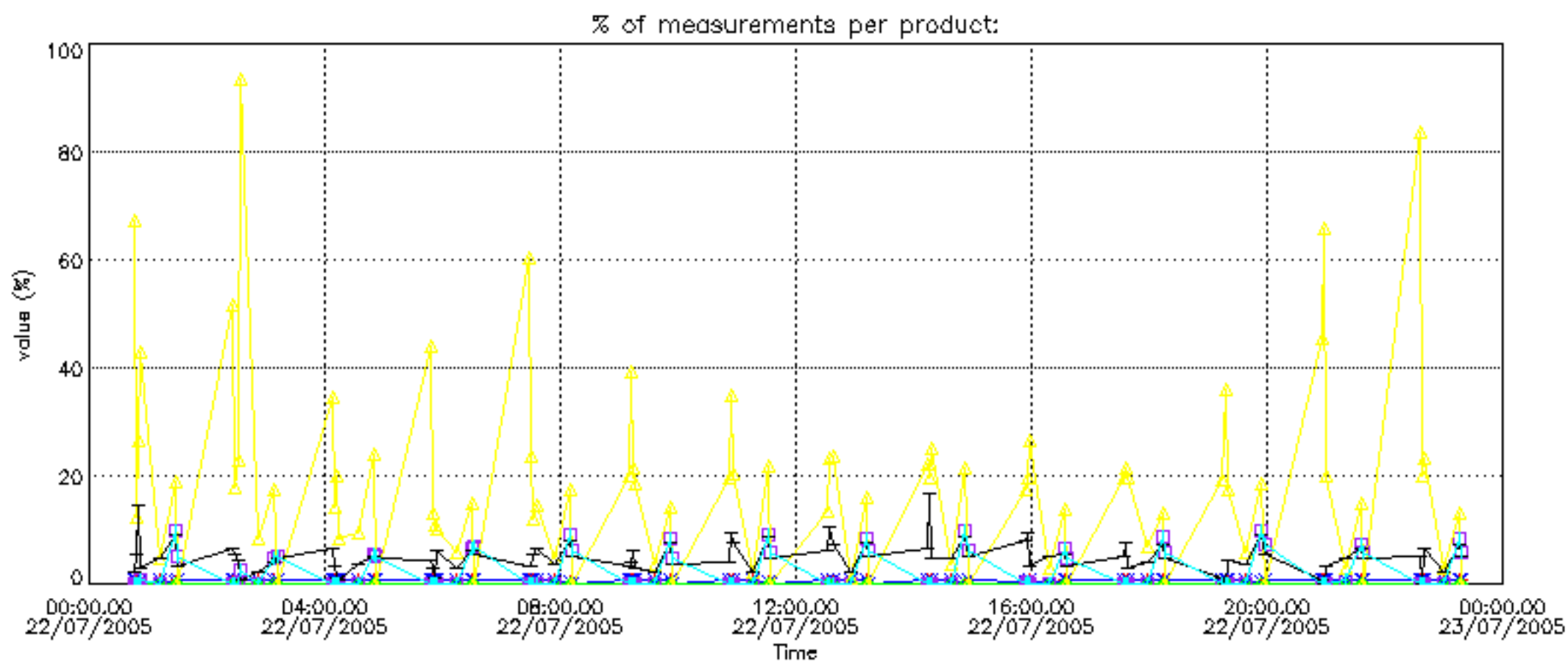


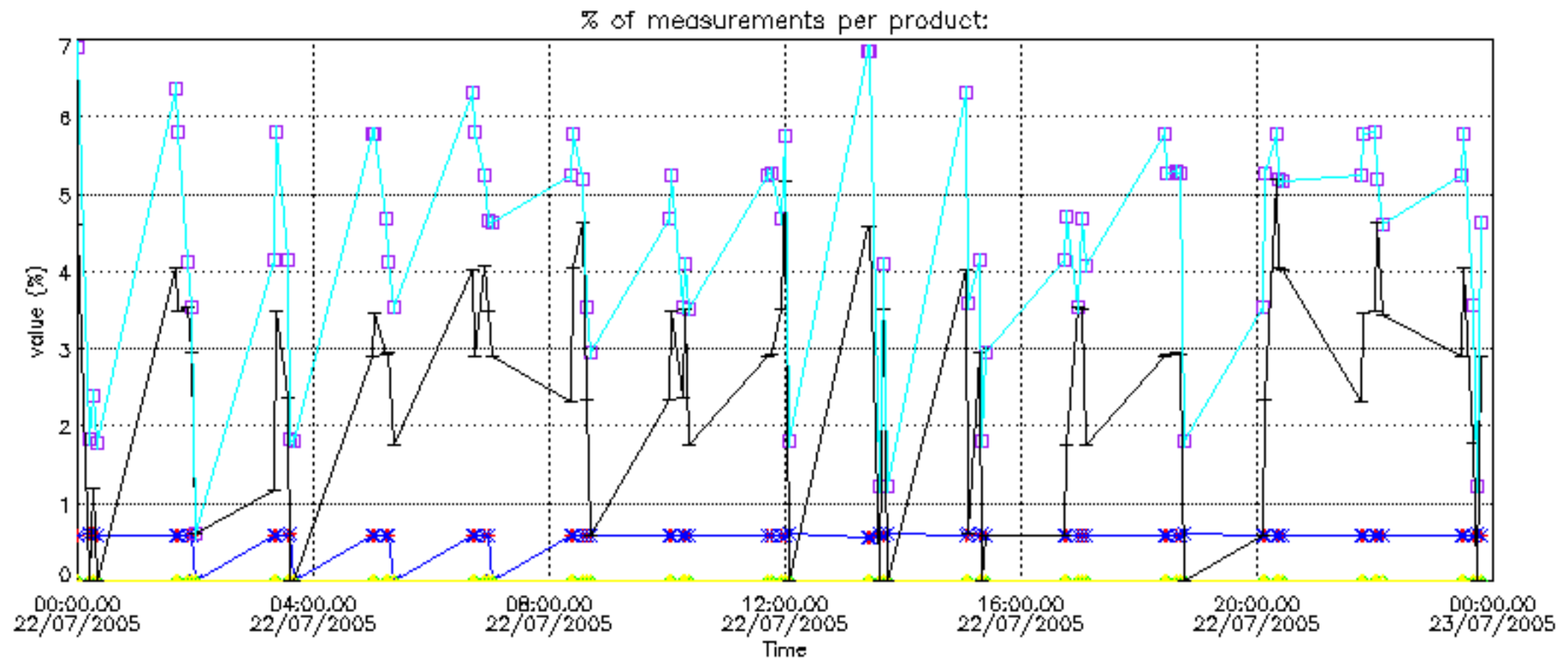
Percentage of flagged data per NO2 profile



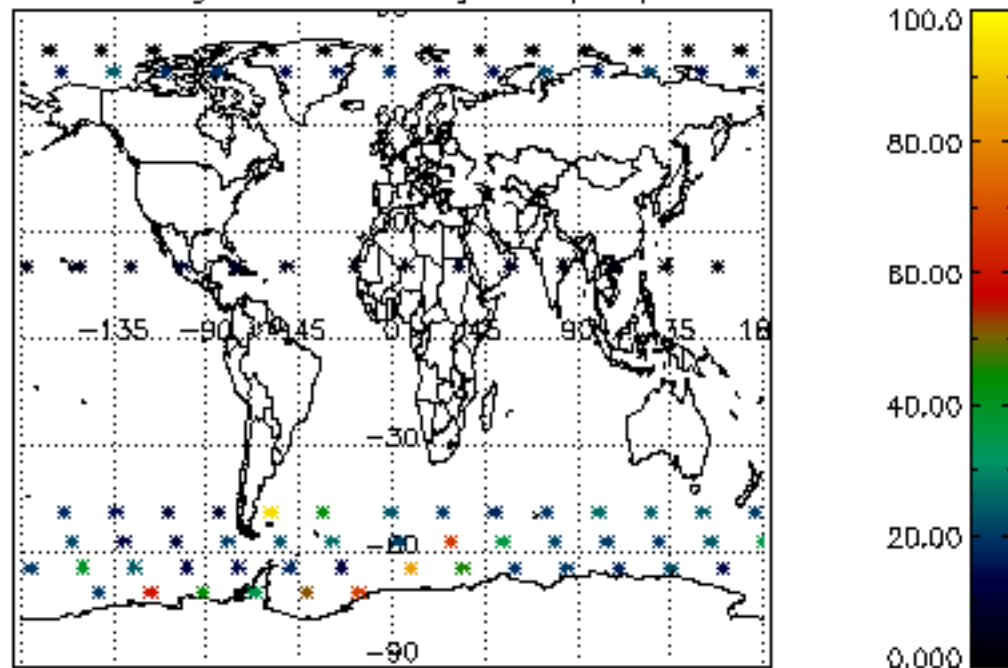
Percentage of flagged data per NO3 profile



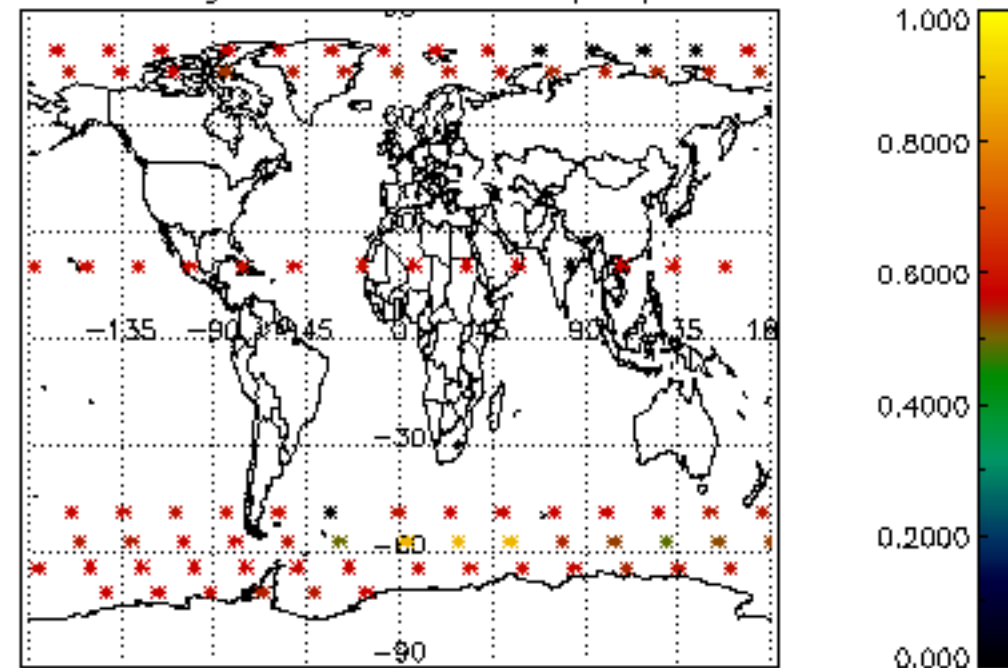




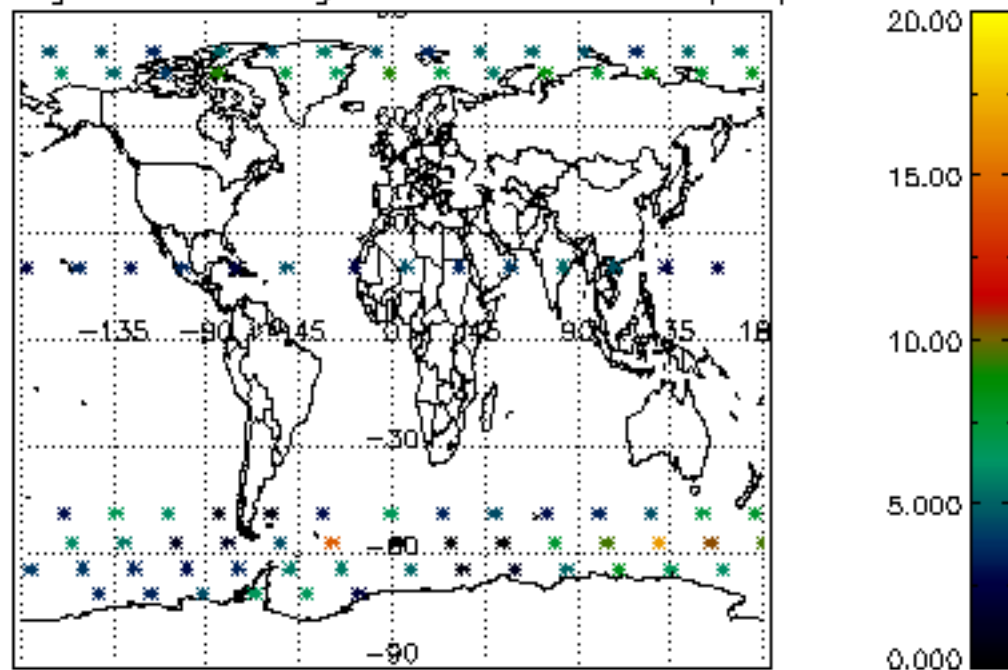
Percentage of cosmic ray hits per profile



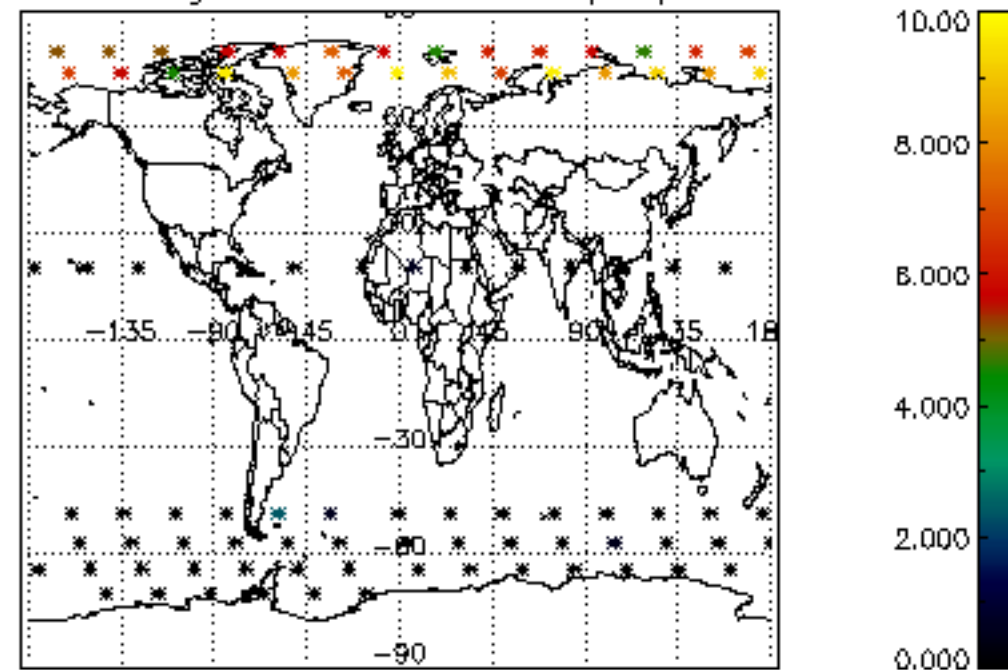
Percentage of datation errors per profile



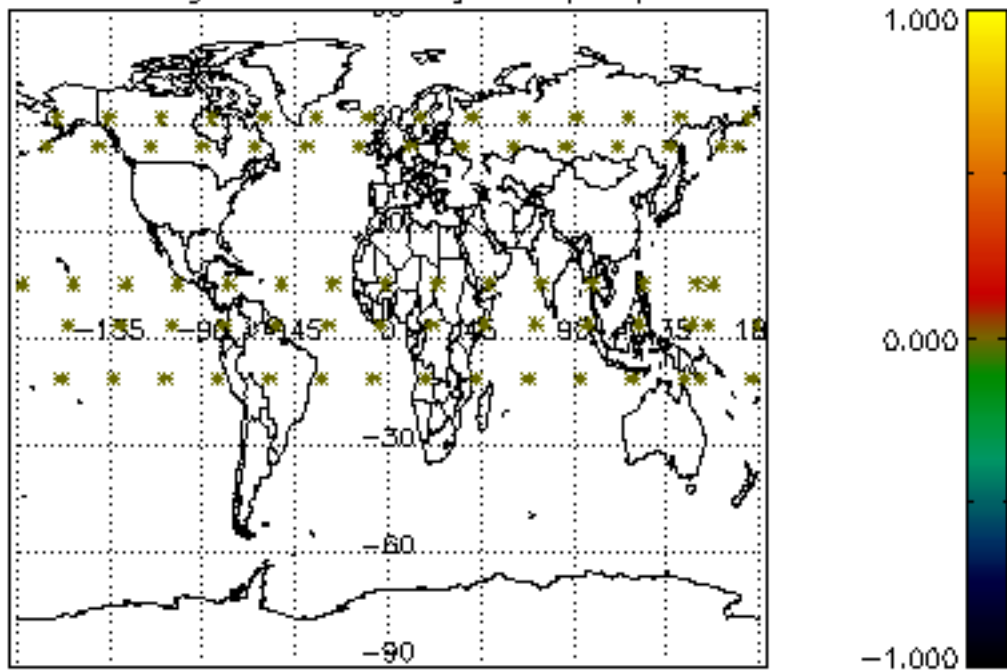
Percentage of star falling outside central band per profile



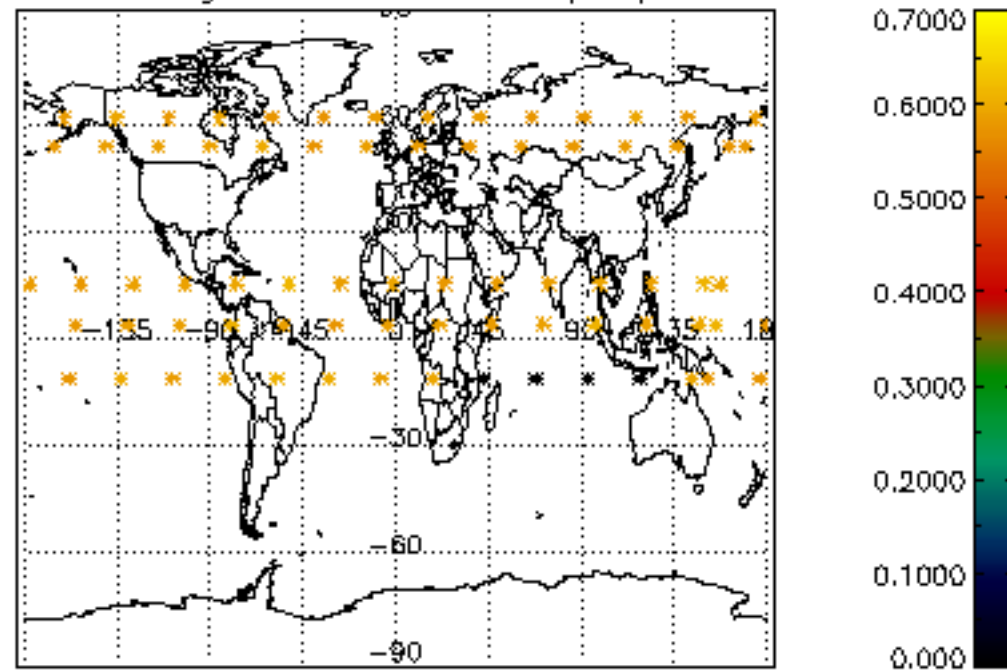
Percentage of saturation errors per profile



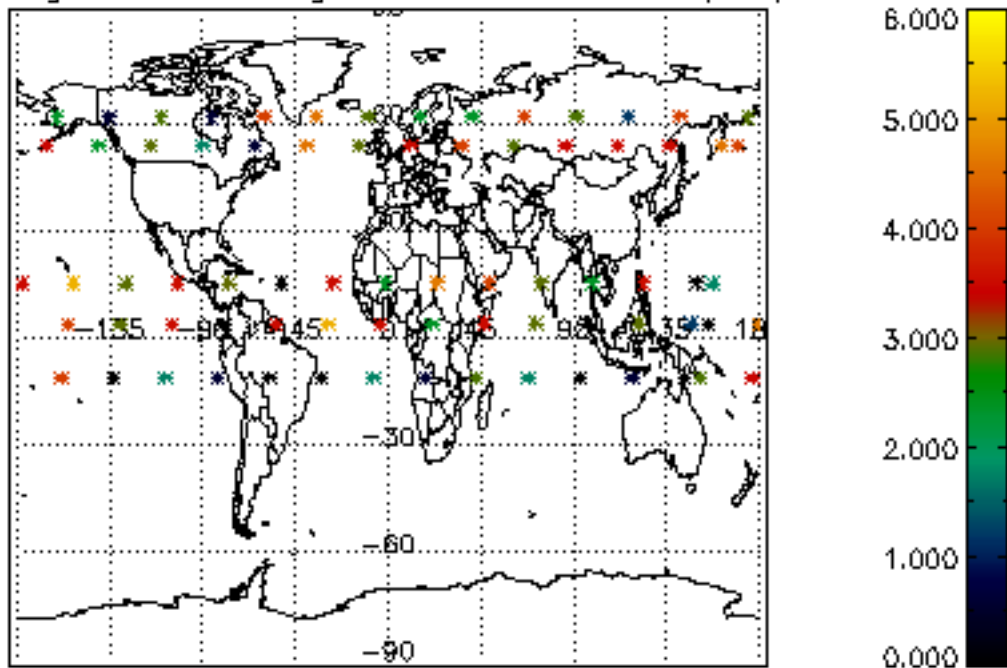
Percentage of cosmic ray hits per profile



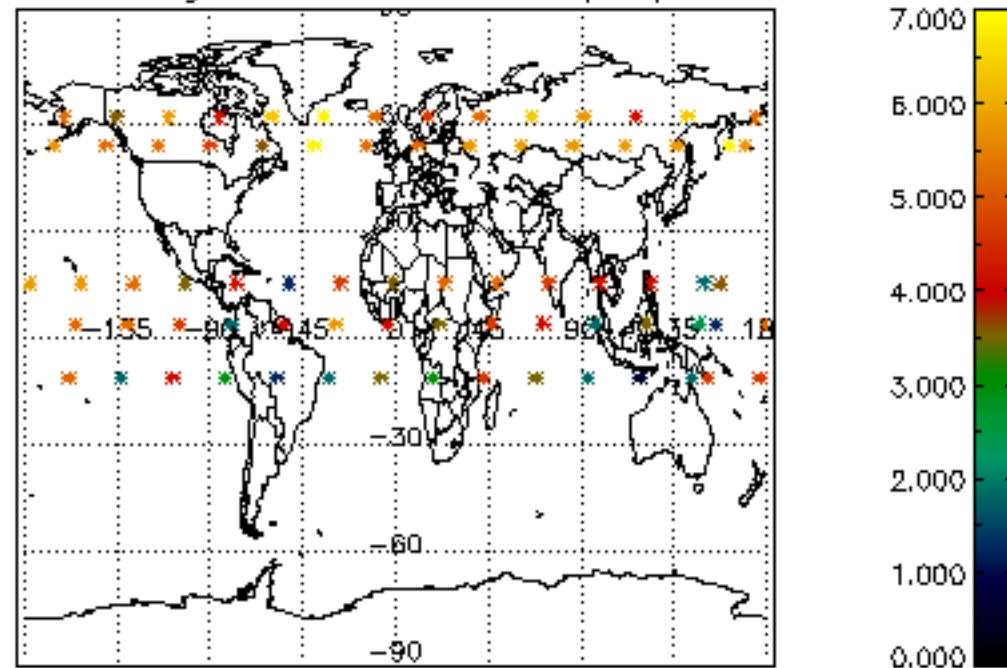
Percentage of datation errors per profile

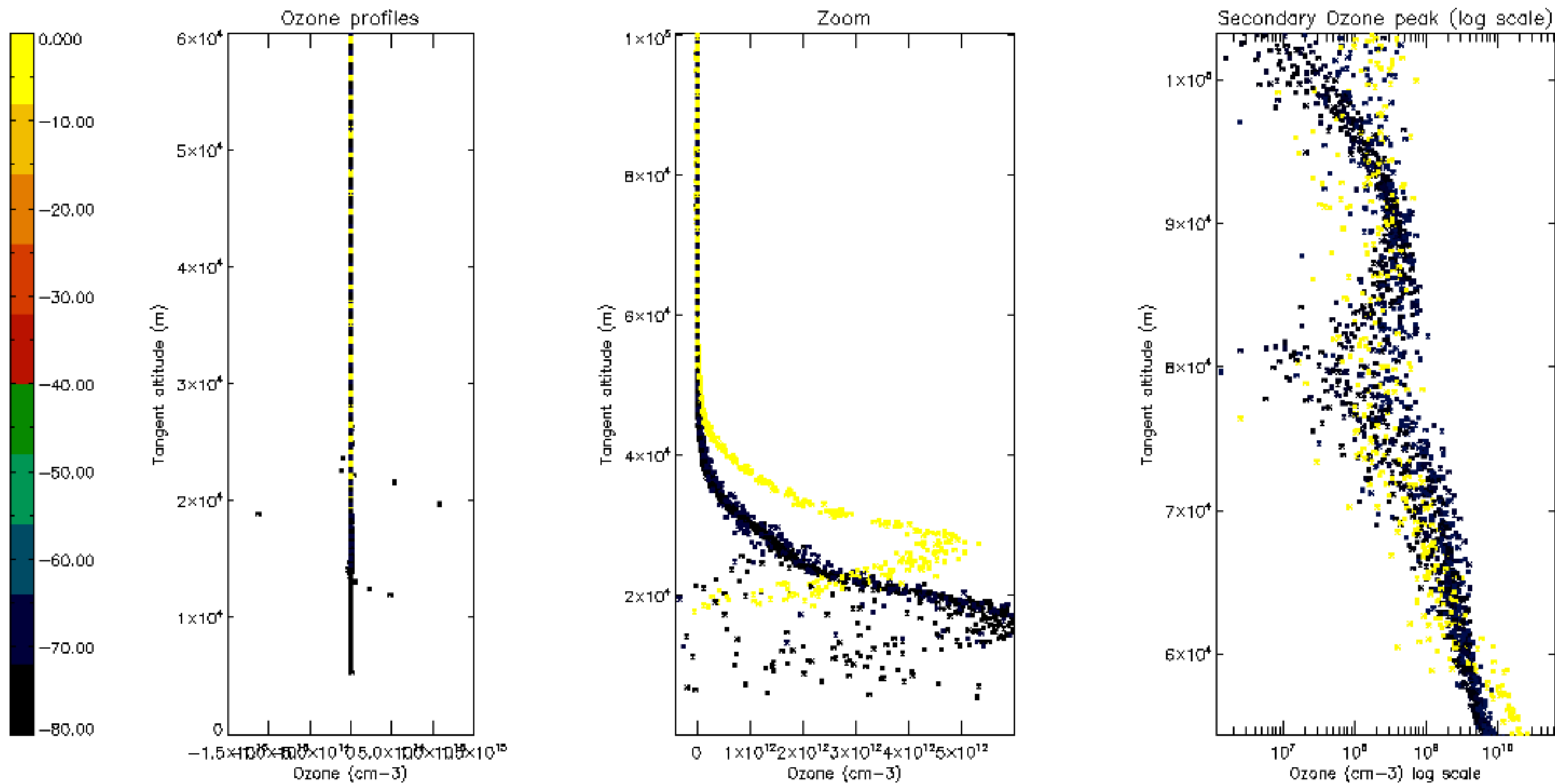


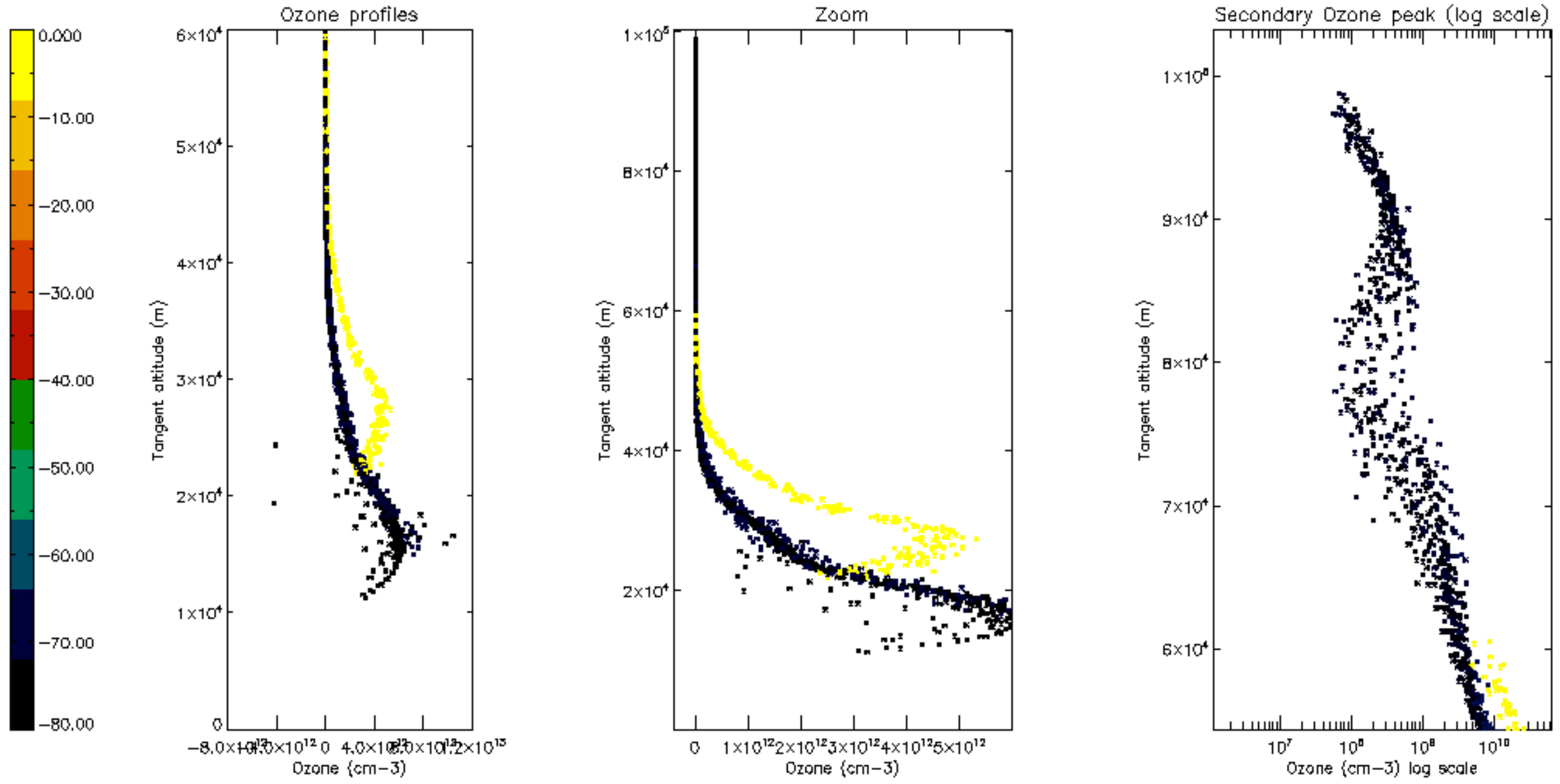
Percentage of star falling outside central band per profile

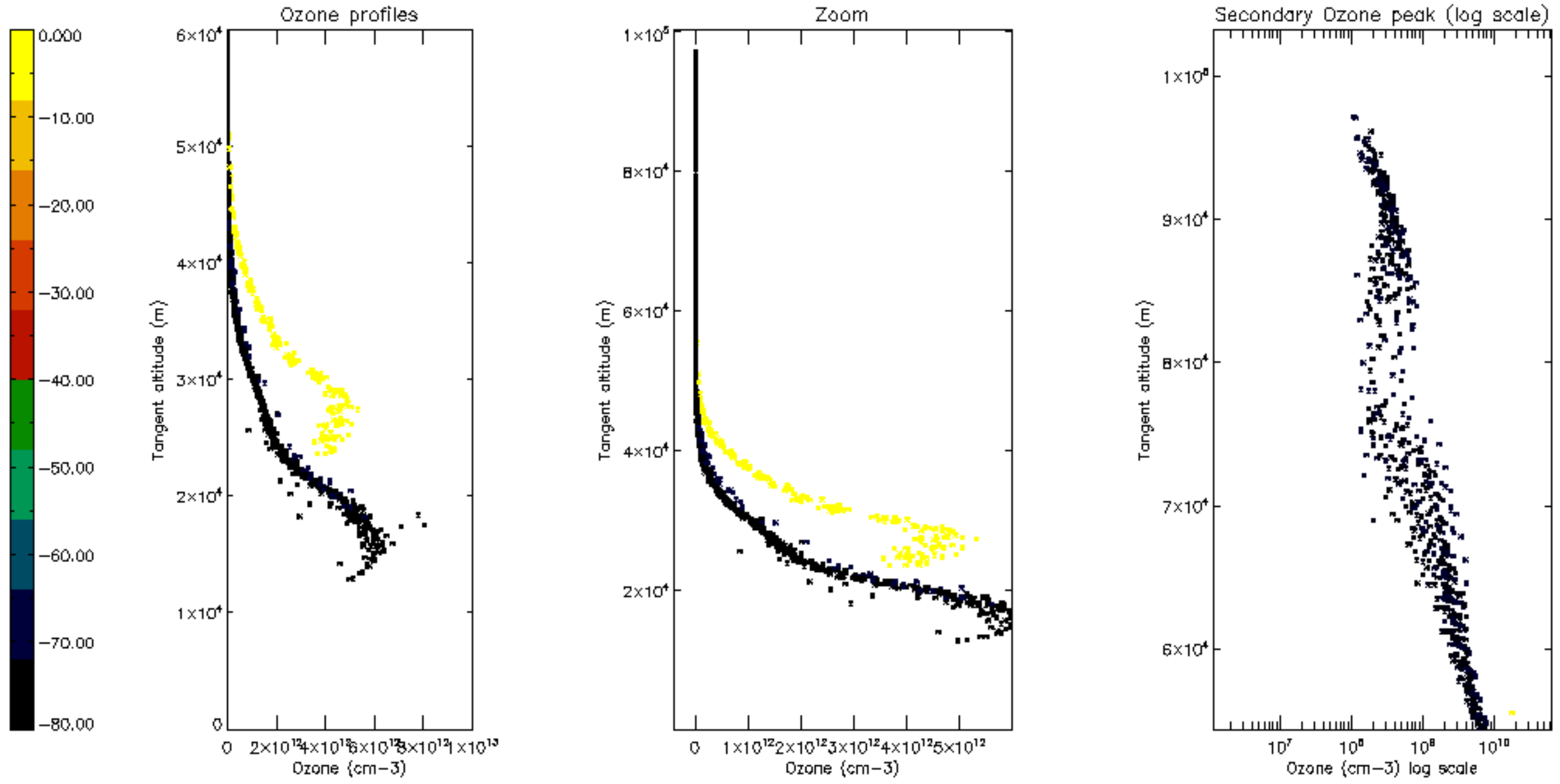


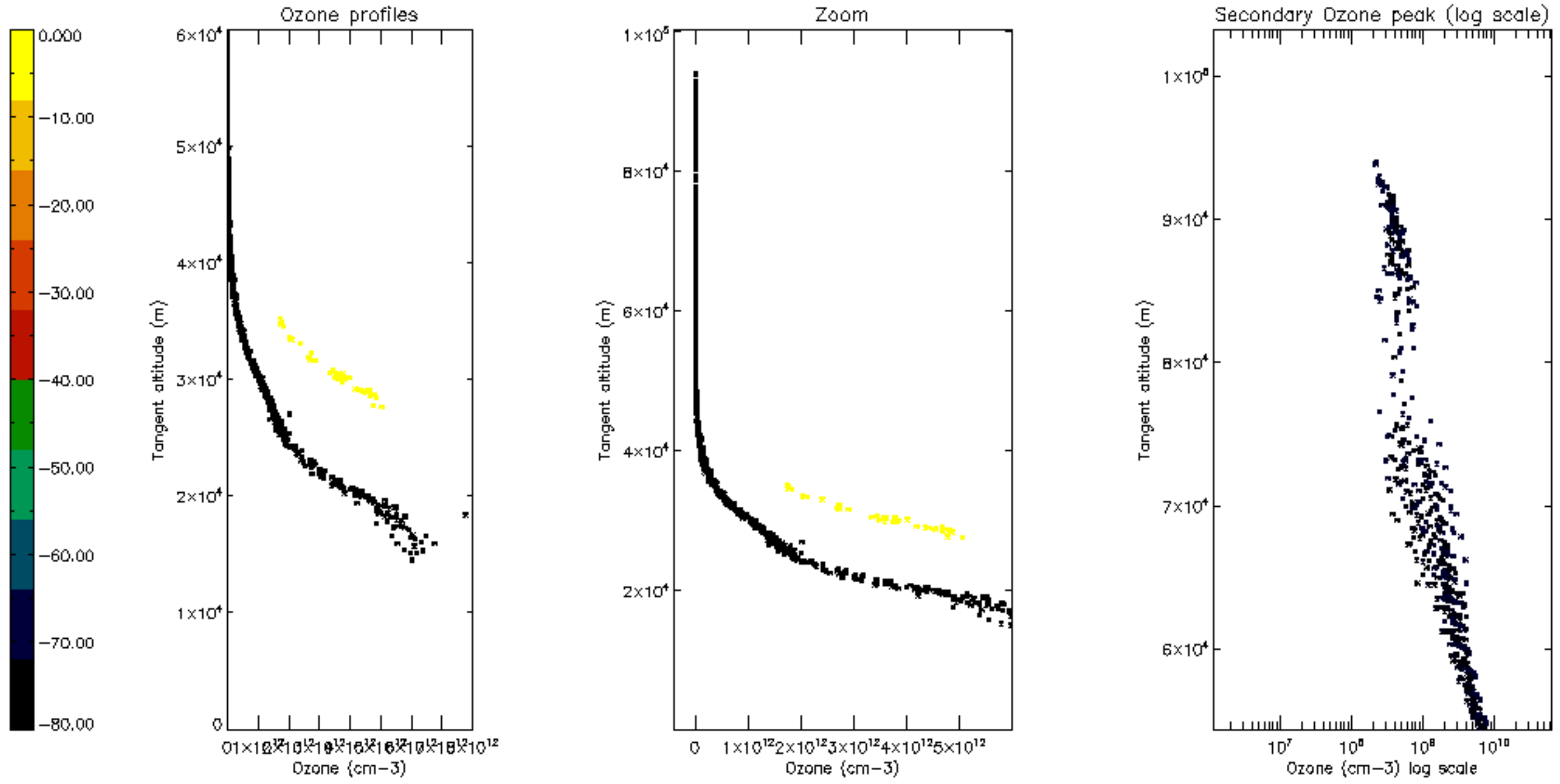
Percentage of saturation errors per profile

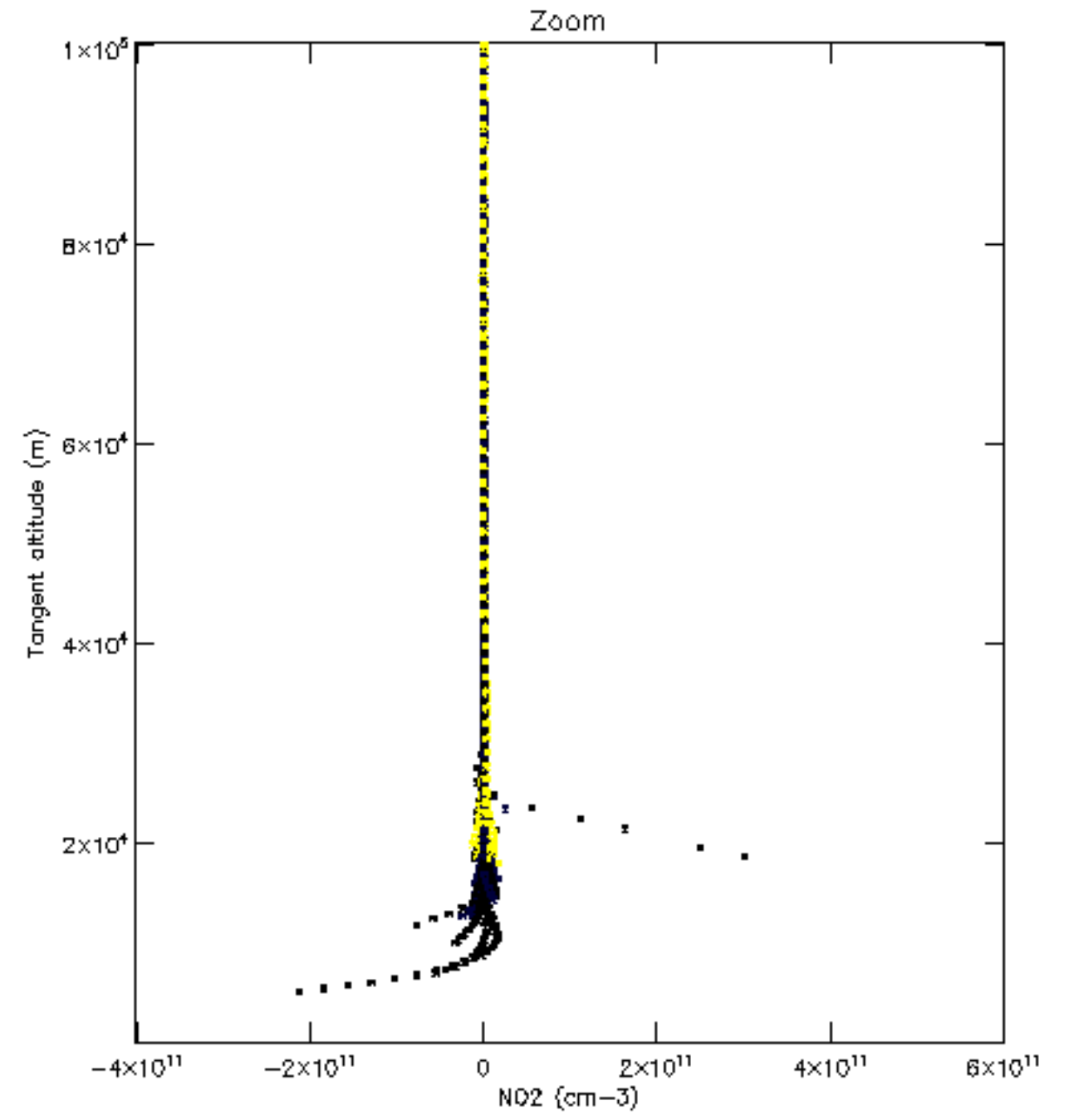
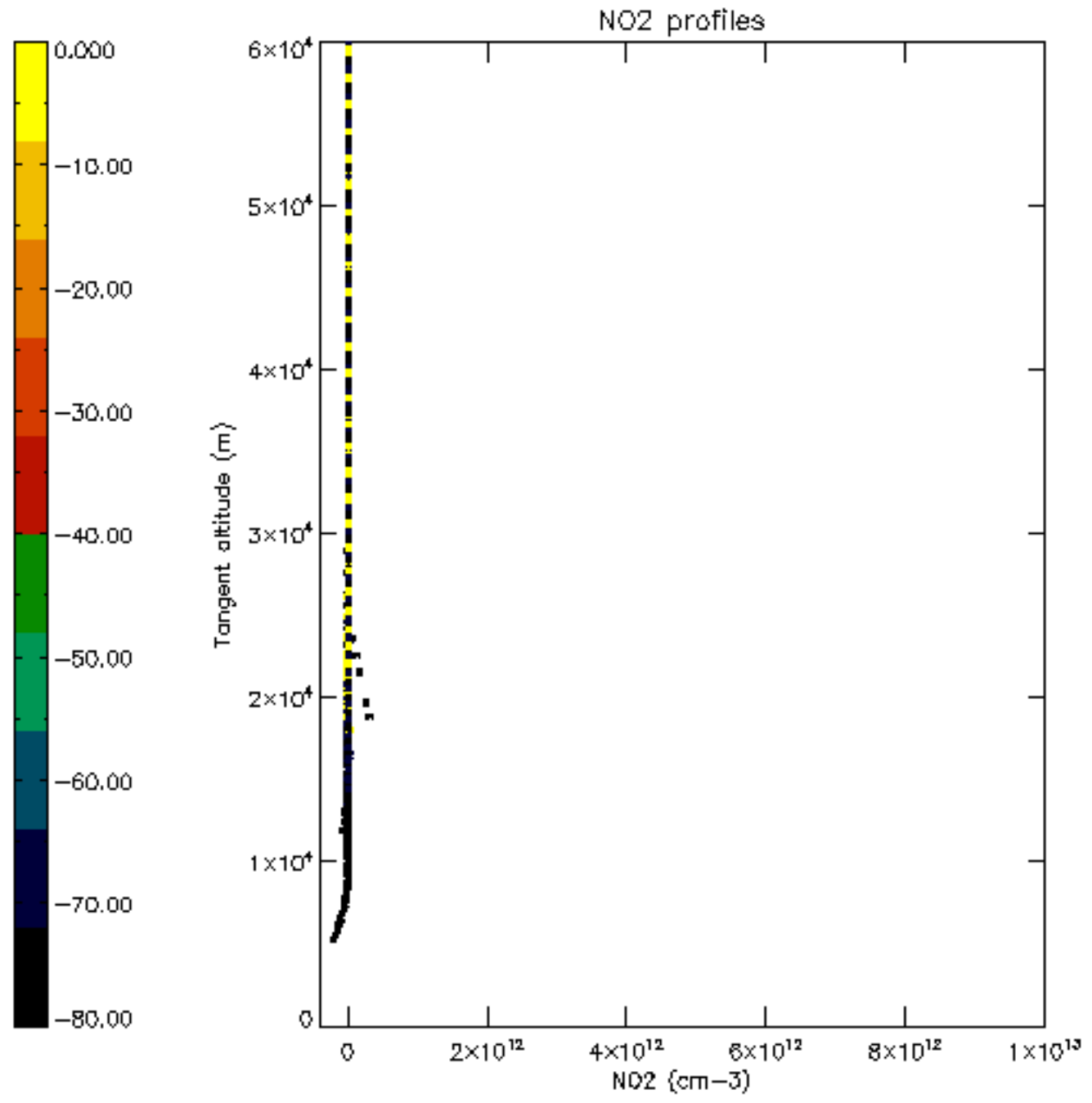


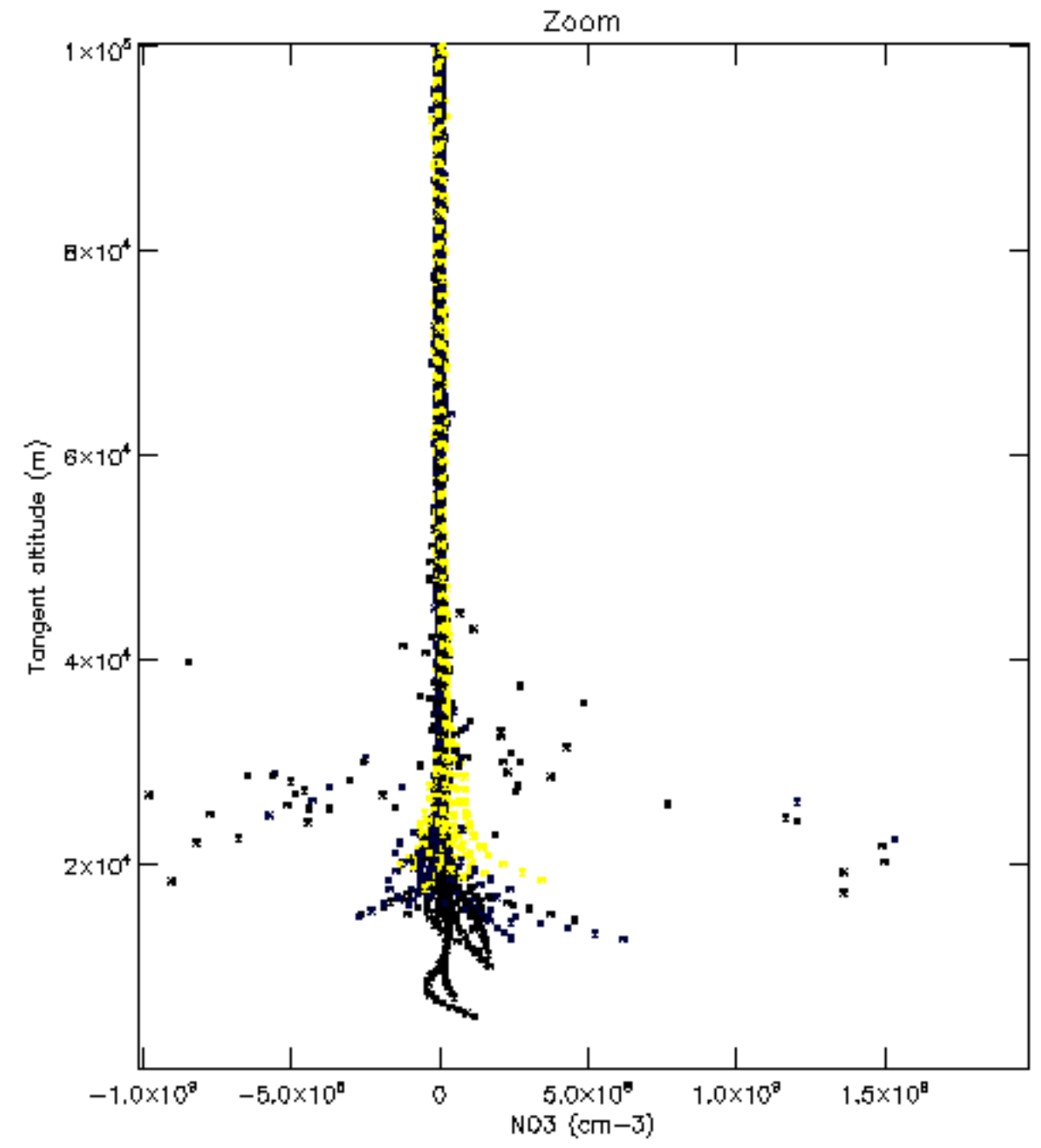
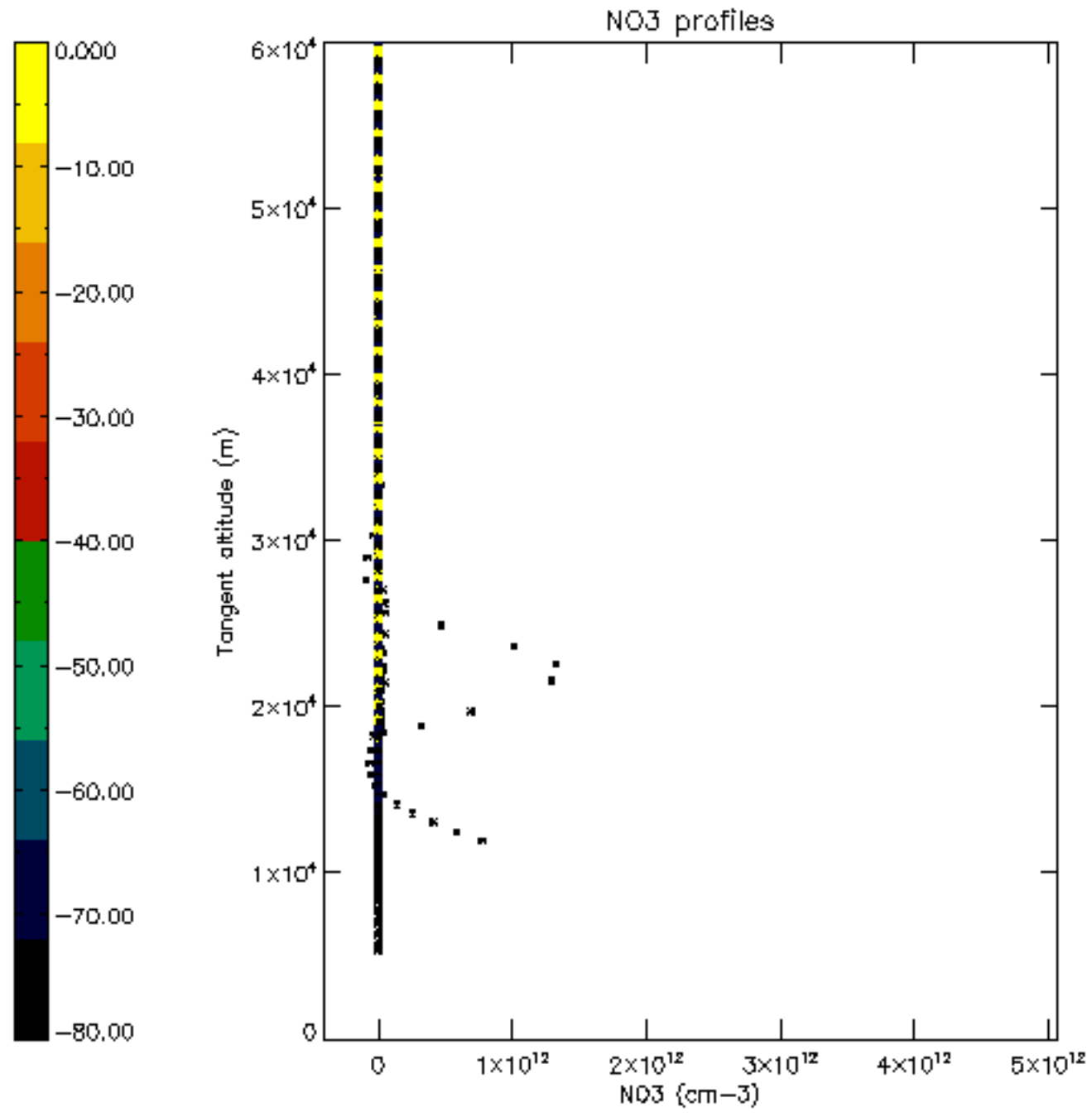


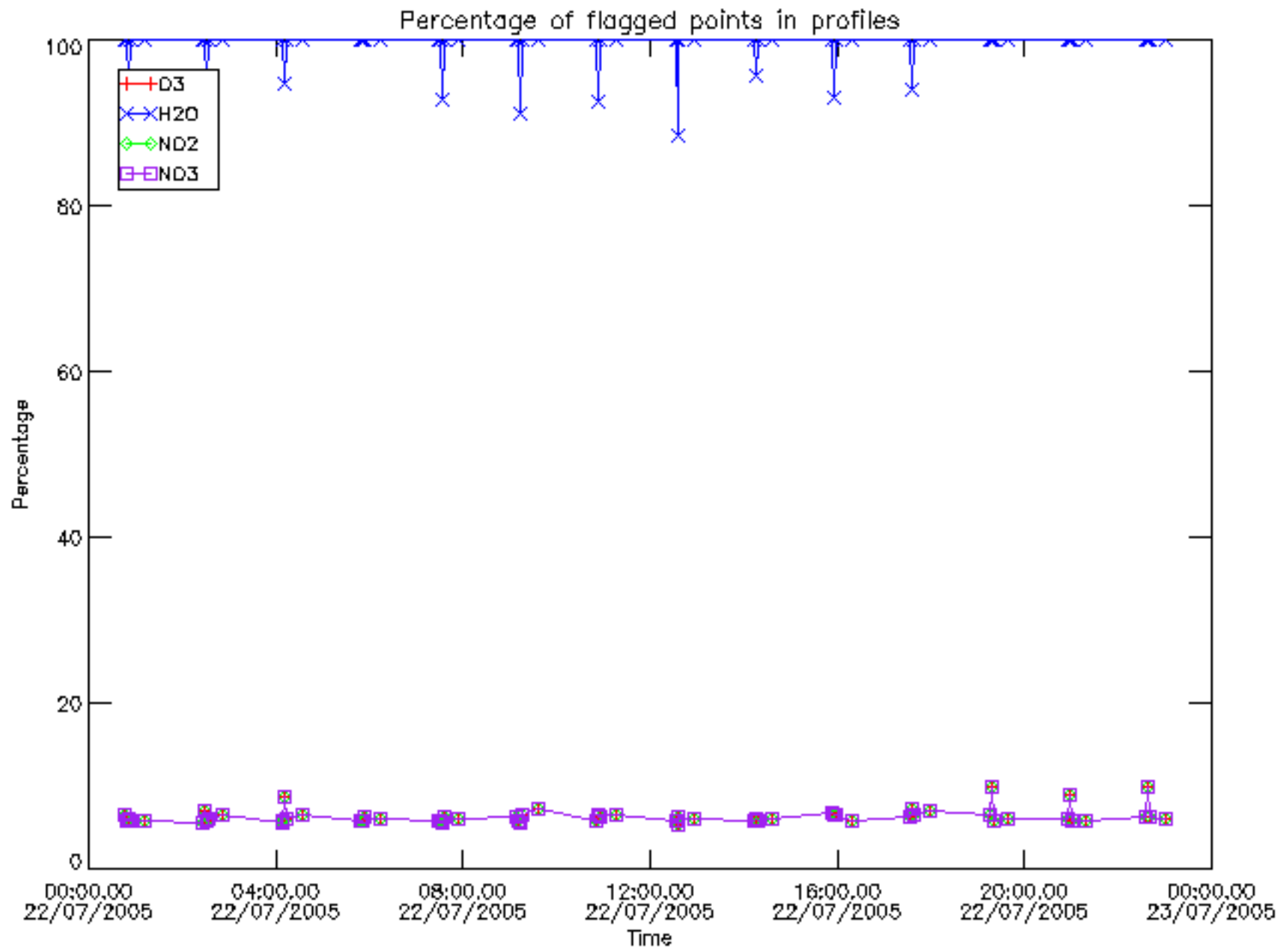




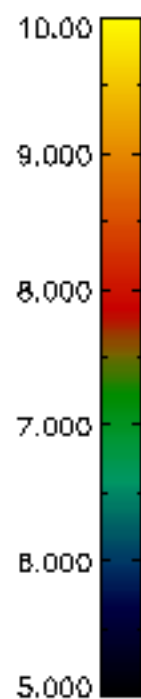
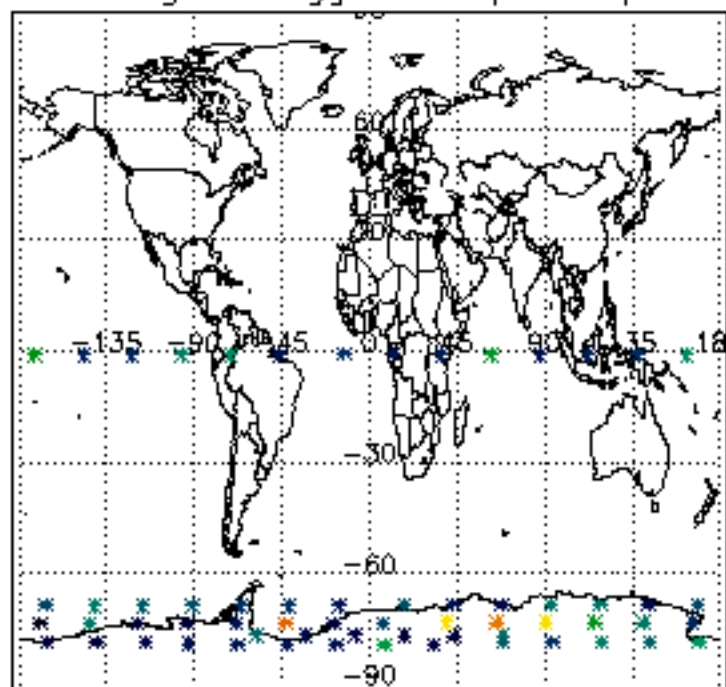




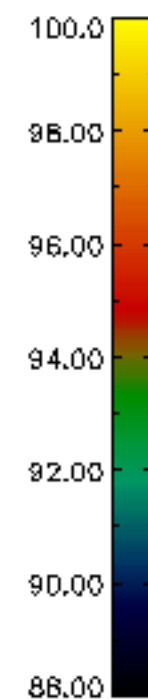
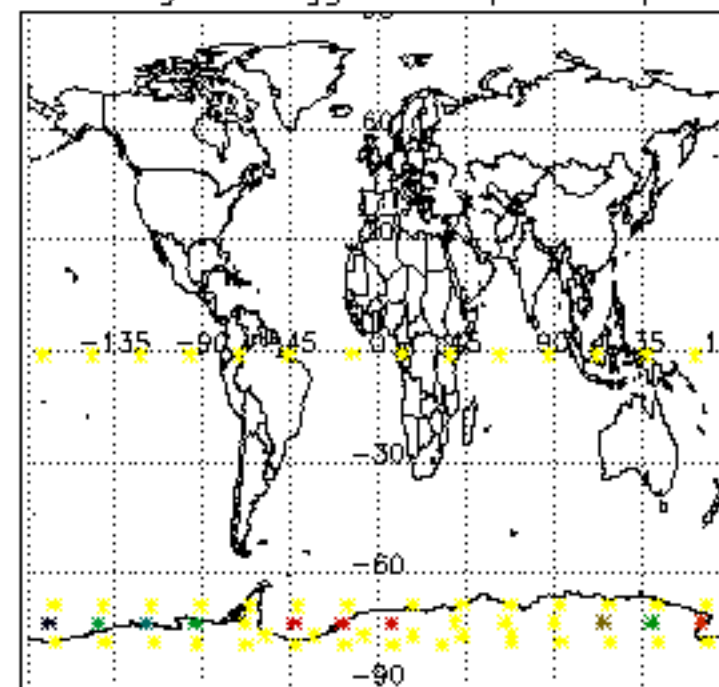




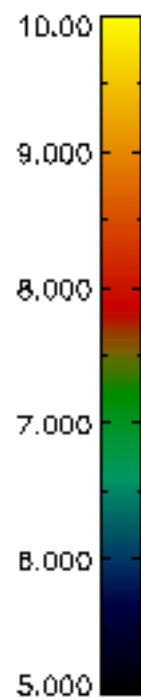
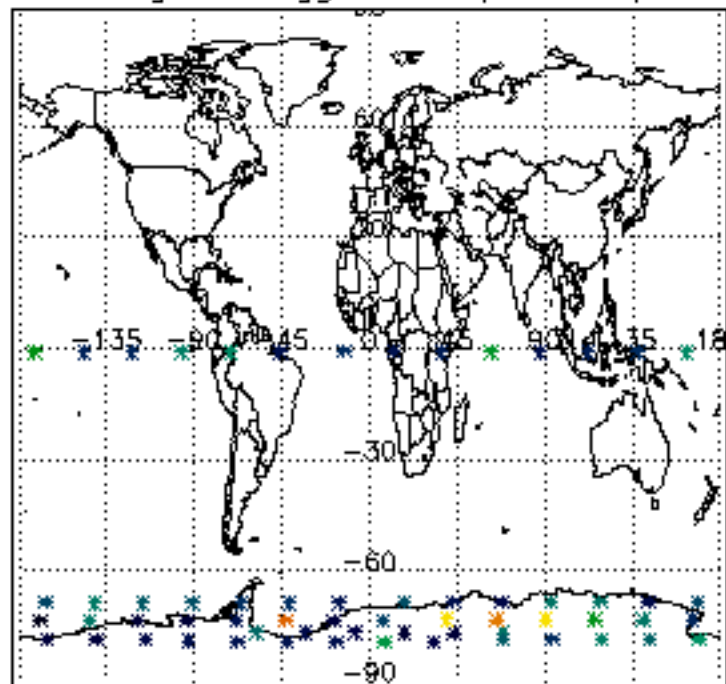
Percentage of flagged data per D3 profile



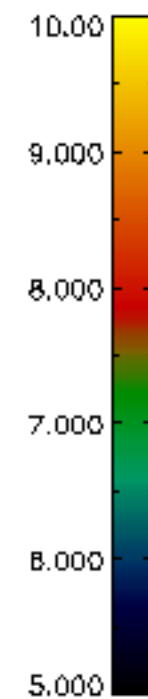
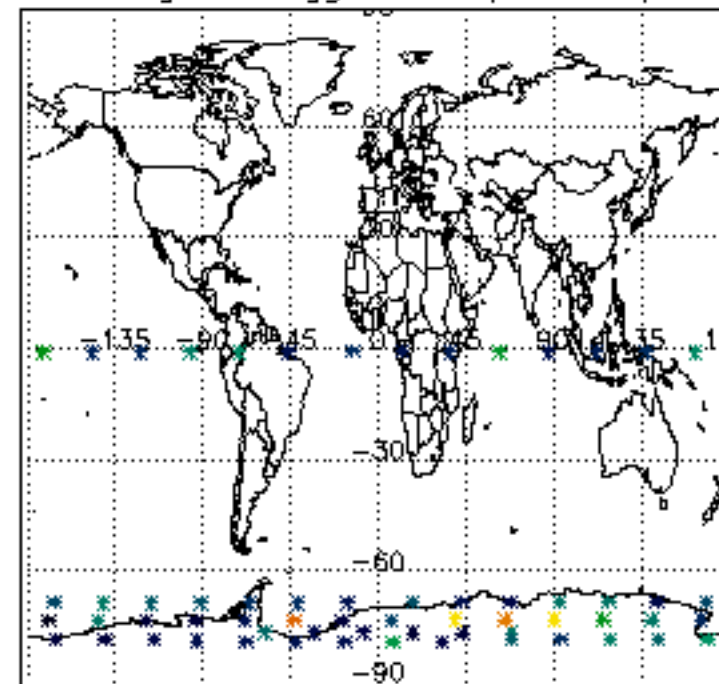
Percentage of flagged data per H2O profile

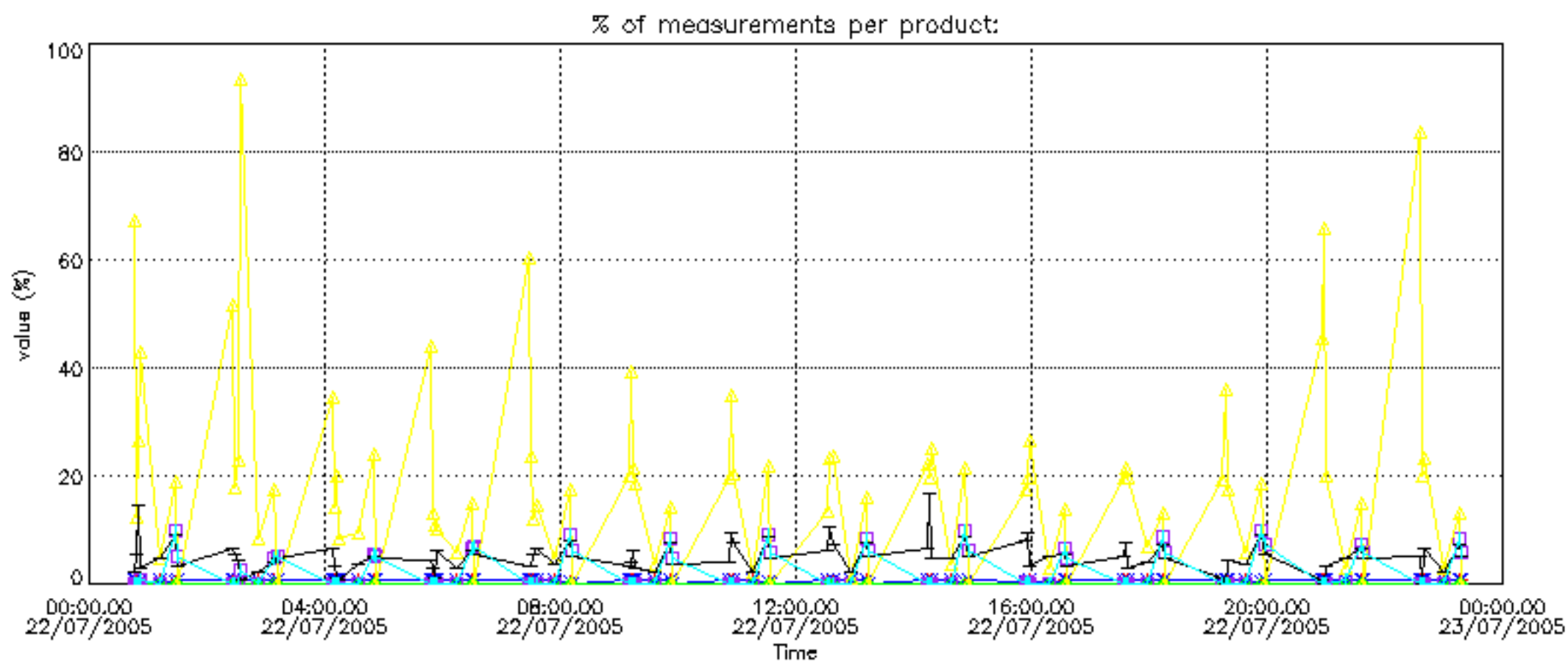


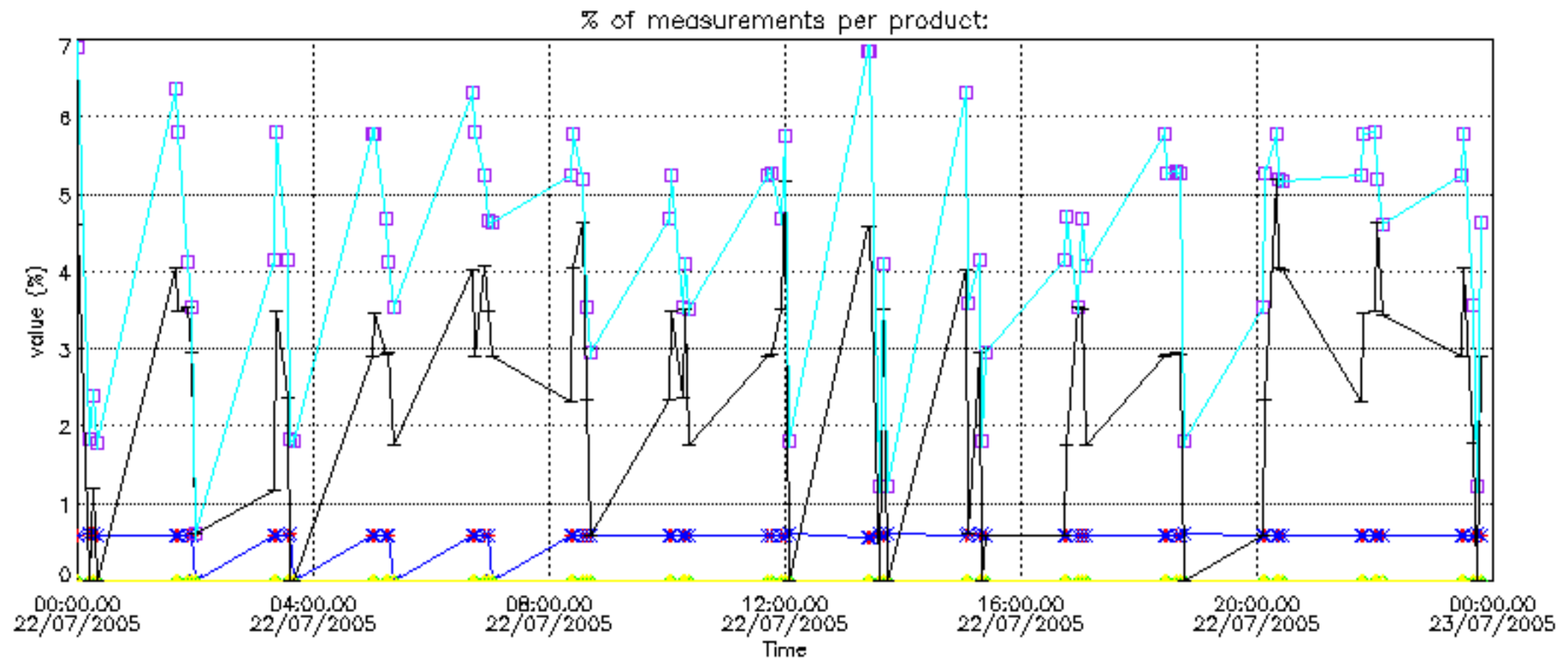
Percentage of flagged data per NO2 profile



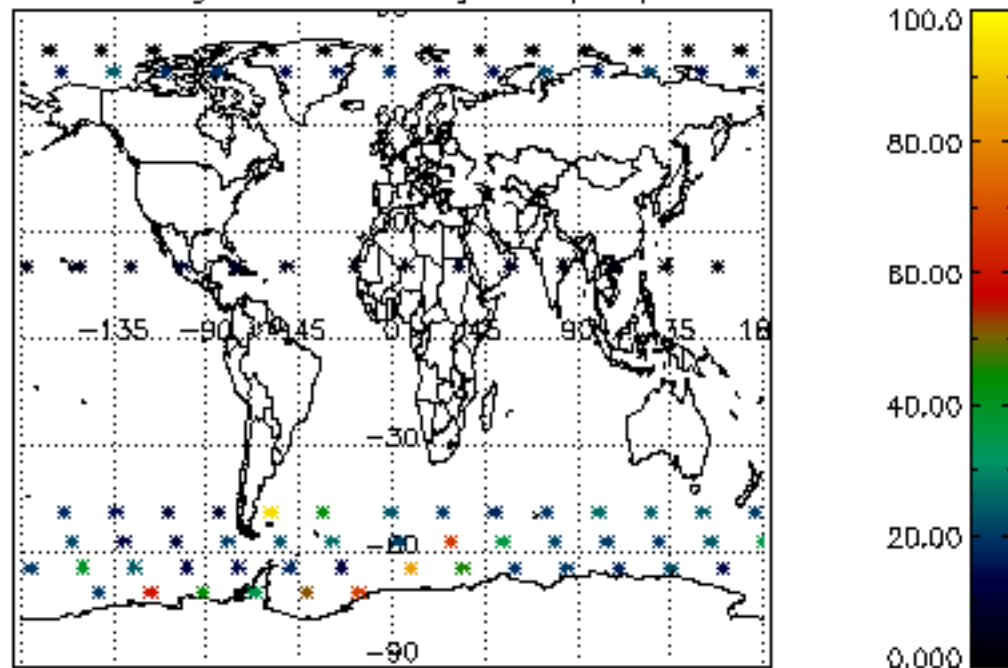
Percentage of flagged data per NO3 profile



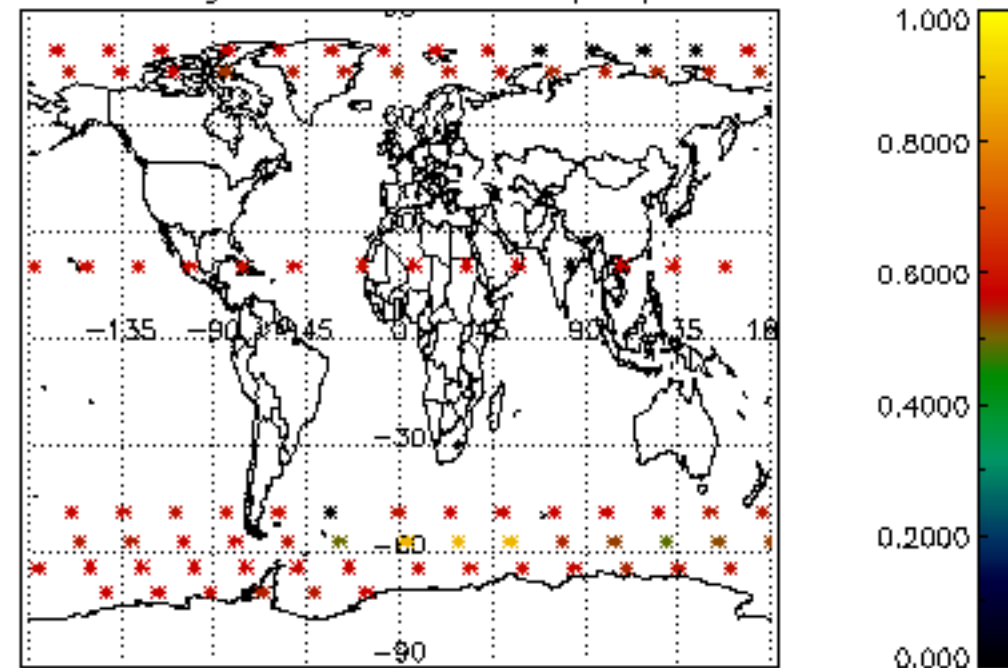




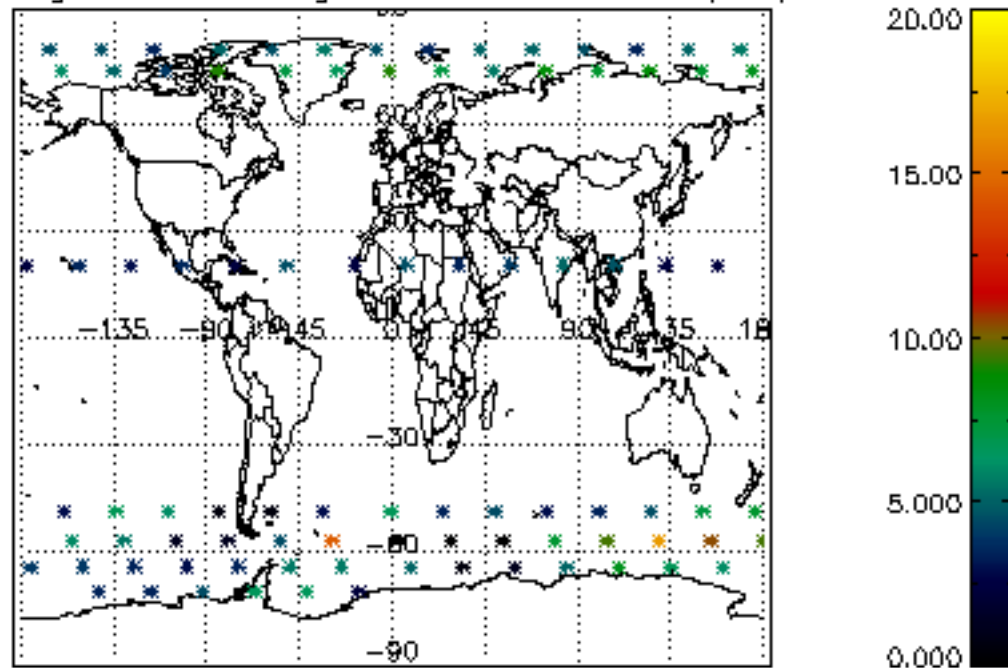
Percentage of cosmic ray hits per profile



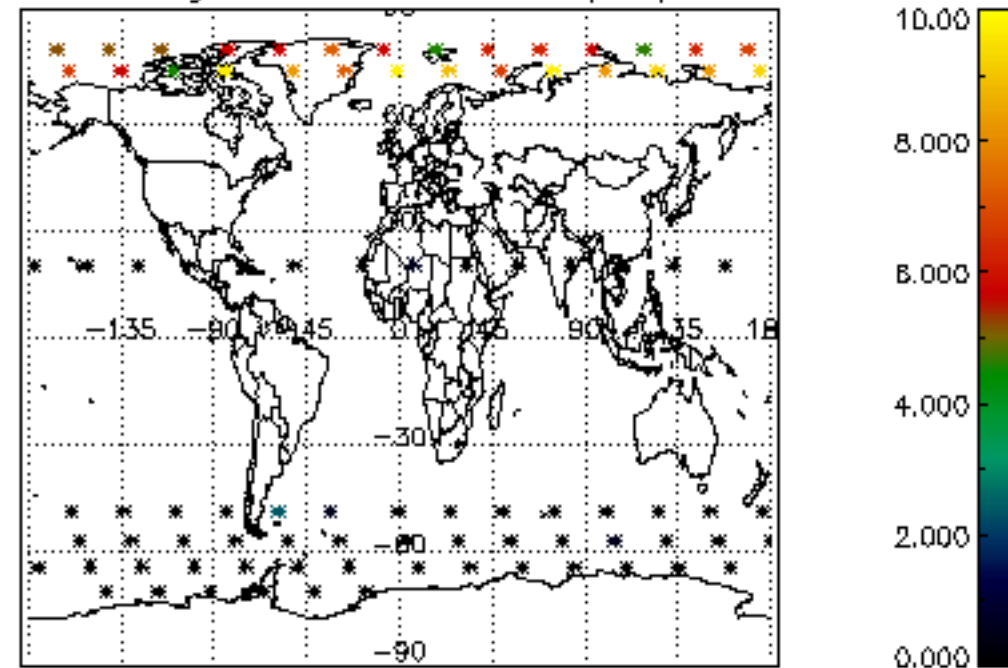
Percentage of datation errors per profile



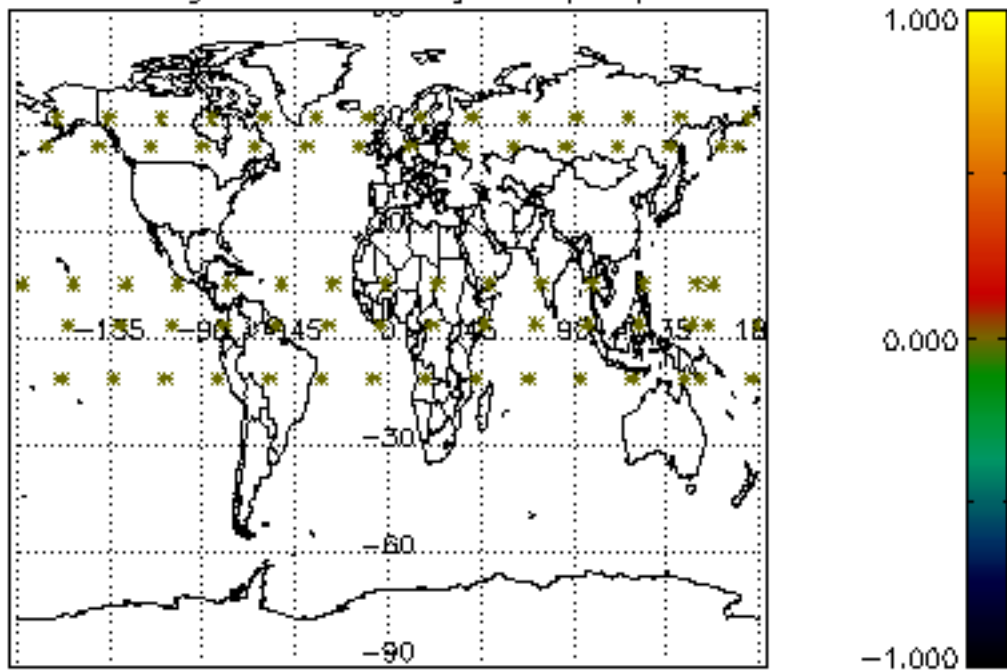
Percentage of star falling outside central band per profile



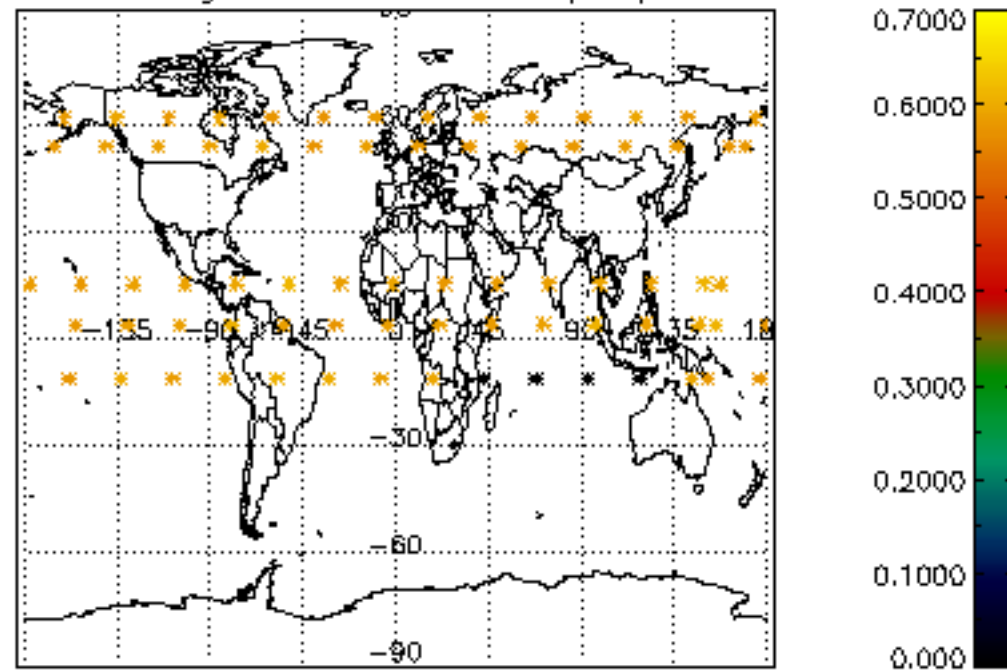
Percentage of saturation errors per profile



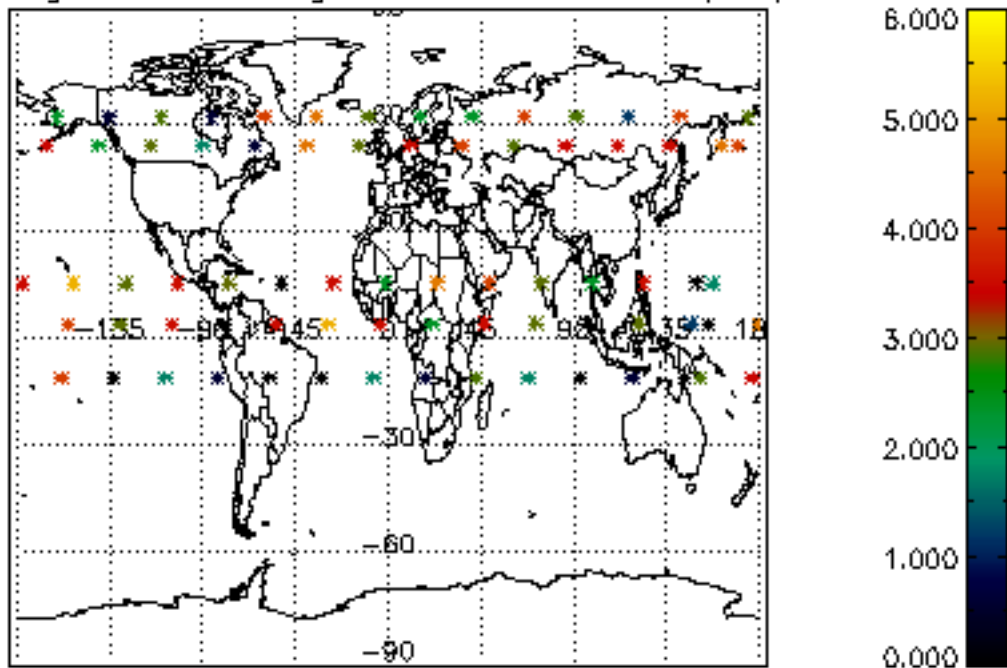
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

