

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	26APR2013 09:53:53
Data source version	GOMOS/6.01
Start time of products	01-06-2009 (01JUN2009 00:00:00)
Stop time of products	02-06-2009 (02JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	180
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090601_000058_000000342079_00288_37917_9667.N1	01-JUN-2009 00:00:58	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37917	No
2	GOM_NL__2PRFIN20090601_001149_000000322079_00288_37917_9668.N1	01-JUN-2009 00:11:49	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37917	No
3	GOM_NL__2PRFIN20090601_001654_000000252079_00288_37917_9669.N1	01-JUN-2009 00:16:54	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37917	No
4	GOM_NL__2PRFIN20090601_002717_000000282079_00288_37917_9670.N1	01-JUN-2009 00:27:17	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37917	No
5	GOM_NL__2PRFIN20090601_003213_000000292079_00288_37917_9671.N1	01-JUN-2009 00:32:13	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37917	No
6	GOM_NL__2PRFIN20090601_004956_000000392079_00288_37917_9672.N1	01-JUN-2009 00:49:56	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37917	No
7	GOM_NL__2PRFIN20090601_005507_000000342079_00289_37918_9674.N1	01-JUN-2009 00:55:07	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37918	No
8	GOM_NL__2PRFIN20090601_011022_000000362079_00289_37918_9675.N1	01-JUN-2009 01:10:22	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37918	No
9	GOM_NL__2PRFIN20090601_011204_000000372079_00289_37918_9676.N1	01-JUN-2009 01:12:04	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37918	No
10	GOM_NL__2PRFIN20090601_011828_000000322079_00289_37918_9677.N1	01-JUN-2009 01:18:28	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37918	No
11	GOM_NL__2PRFIN20090601_012019_000000302079_00289_37918_9678.N1	01-JUN-2009 01:20:19	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37918	No
12	GOM_NL__2PRFIN20090601_013039_000000322079_00289_37918_9679.N1	01-JUN-2009 01:30:39	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37918	No
13	GOM_NL__2PRFIN20090601_013405_000000332079_00289_37918_9680.N1	01-JUN-2009 01:34:05	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37918	No
14	GOM_NL__2PRFIN20090601_014133_000000342079_00289_37918_9681.N1	01-JUN-2009 01:41:33	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37918	No
15	GOM_NL__2PRFIN20090601_015225_000000322079_00289_37918_9682.N1	01-JUN-2009 01:52:25	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37918	No
16	GOM_NL__2PRFIN20090601_015730_000000252079_00289_37918_9683.N1	01-JUN-2009 01:57:30	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37918	No
17	GOM_NL__2PRFIN20090601_020753_000000282079_00289_37918_9684.N1	01-JUN-2009 02:07:53	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37918	No
18	GOM_NL__2PRFIN20090601_021250_000000292079_00289_37918_9685.N1	01-JUN-2009 02:12:50	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37918	No
19	GOM_NL__2PRFIN20090601_023033_000000392079_00289_37918_9686.N1	01-JUN-2009 02:30:33	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37918	No
20	GOM_NL__2PRFIN20090601_023544_000000342079_00290_37919_9714.N1	01-JUN-2009 02:35:44	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37919	No
21	GOM_NL__2PRFIN20090601_025059_000000352079_00290_37919_9715.N1	01-JUN-2009 02:50:59	Twilight	35.000	38	20Eps Sgr	1.8360	11000.	70	37919	No
22	GOM_NL__2PRFIN20090601_025240_000000372079_00290_37919_9716.N1	01-JUN-2009 02:52:40	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37919	No
23	GOM_NL__2PRFIN20090601_025903_000000322079_00290_37919_9717.N1	01-JUN-2009 02:59:03	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37919	No
24	GOM_NL__2PRFIN20090601_030055_000000302079_00290_37919_9718.N1	01-JUN-2009 03:00:55	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37919	No
25	GOM_NL__2PRFIN20090601_031114_000000322079_00290_37919_9719.N1	01-JUN-2009 03:11:14	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37919	No
26	GOM_NL__2PRFIN20090601_031440_000000332079_00290_37919_9720.N1	01-JUN-2009 03:14:40	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37919	No
27	GOM_NL__2PRFIN20090601_032208_000000332079_00290_37919_9721.N1	01-JUN-2009 03:22:08	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37919	No
28	GOM_NL__2PRFIN20090601_033300_000000322079_00290_37919_9722.N1	01-JUN-2009 03:33:00	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37919	No
29	GOM_NL__2PRFIN20090601_033806_000000252079_00290_37919_9723.N1	01-JUN-2009 03:38:06	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37919	No
30	GOM_NL__2PRFIN20090601_034829_000000282079_00290_37919_9724.N1	01-JUN-2009 03:48:29	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37919	No
31	GOM_NL__2PRFIN20090601_035326_000000302079_00290_37919_9725.N1	01-JUN-2009 03:53:26	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37919	No
32	GOM_NL__2PRFIN20090601_041110_000000392079_00290_37919_9726.N1	01-JUN-2009 04:11:10	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37919	No
33	GOM_NL__2PRFIN20090601_041621_000000342079_00291_37920_9728.N1	01-JUN-2009 04:16:21	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37920	No
34	GOM_NL__2PRFIN20090601_043135_000000352079_00291_37920_9729.N1	01-JUN-2009 04:31:35	Twilight	35.000	38	20Eps Sgr	1.8360	11000.	70	37920	No
35	GOM_NL__2PRFIN20090601_043317_000000372079_00291_37920_9730.N1	01-JUN-2009 04:33:17	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37920	No
36	GOM_NL__2PRFIN20090601_043940_000000322079_00291_37920_9731.N1	01-JUN-2009 04:39:40	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37920	No
37	GOM_NL__2PRFIN20090601_044131_000000302079_00291_37920_9732.N1	01-JUN-2009 04:41:31	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37920	No
38	GOM_NL__2PRFIN20090601_045150_000000322079_00291_37920_9733.N1	01-JUN-2009 04:51:50	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37920	No
39	GOM_NL__2PRFIN20090601_045515_000000332079_00291_37920_9734.N1	01-JUN-2009 04:55:15	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37920	No
40	GOM_NL__2PRFIN20090601_050243_000000342079_00291_37920_9735.N1	01-JUN-2009 05:02:43	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37920	No
41	GOM_NL__2PRFIN20090601_051335_000000322079_00291_37920_9736.N1	01-JUN-2009 05:13:35	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37920	No
42	GOM_NL__2PRFIN20090601_051842_000000252079_00291_37920_9737.N1	01-JUN-2009 05:18:42	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37920	No

43	GOM_NL__2PRFIN20090601_052905_000000282079_00291_37920_9738.N1	01-JUN-2009 05:29:05	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37920	No
44	GOM_NL__2PRFIN20090601_053402_000000302079_00291_37920_9739.N1	01-JUN-2009 05:34:02	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37920	No
45	GOM_NL__2PRFIN20090601_055147_000000392079_00291_37920_9740.N1	01-JUN-2009 05:51:47	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37920	No
46	GOM_NL__2PRFIN20090601_055657_000000352079_00292_37921_9746.N1	01-JUN-2009 05:56:57	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37921	No
47	GOM_NL__2PRFIN20090601_061212_000000352079_00292_37921_9747.N1	01-JUN-2009 06:12:12	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37921	No
48	GOM_NL__2PRFIN20090601_061354_000000372079_00292_37921_9748.N1	01-JUN-2009 06:13:54	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37921	No
49	GOM_NL__2PRFIN20090601_062016_000000322079_00292_37921_9749.N1	01-JUN-2009 06:20:16	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37921	No
50	GOM_NL__2PRFIN20090601_062207_000000302079_00292_37921_9750.N1	01-JUN-2009 06:22:07	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37921	No
51	GOM_NL__2PRFIN20090601_063225_000000322079_00292_37921_9751.N1	01-JUN-2009 06:32:25	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37921	No
52	GOM_NL__2PRFIN20090601_063551_000000332079_00292_37921_9752.N1	01-JUN-2009 06:35:51	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37921	No
53	GOM_NL__2PRFIN20090601_064319_000000342079_00292_37921_9753.N1	01-JUN-2009 06:43:19	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37921	No
54	GOM_NL__2PRFIN20090601_065411_000000322079_00292_37921_9754.N1	01-JUN-2009 06:54:11	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37921	No
55	GOM_NL__2PRFIN20090601_065917_000000262079_00292_37921_9755.N1	01-JUN-2009 06:59:17	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37921	No
56	GOM_NL__2PRFIN20090601_070941_000000282079_00292_37921_9756.N1	01-JUN-2009 07:09:41	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37921	No
57	GOM_NL__2PRFIN20090601_071439_000000302079_00292_37921_9757.N1	01-JUN-2009 07:14:39	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37921	No
58	GOM_NL__2PRFIN20090601_073224_000000392079_00292_37921_9758.N1	01-JUN-2009 07:32:24	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37921	No
59	GOM_NL__2PRFIN20090601_073735_000000342079_00293_37922_9764.N1	01-JUN-2009 07:37:35	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37922	No
60	GOM_NL__2PRFIN20090601_075248_000000352079_00293_37922_9765.N1	01-JUN-2009 07:52:48	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37922	No
61	GOM_NL__2PRFIN20090601_075430_000000372079_00293_37922_9766.N1	01-JUN-2009 07:54:30	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37922	No
62	GOM_NL__2PRFIN20090601_080052_000000322079_00293_37922_9767.N1	01-JUN-2009 08:00:52	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37922	No
63	GOM_NL__2PRFIN20090601_080243_000000302079_00293_37922_9768.N1	01-JUN-2009 08:02:43	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37922	No
64	GOM_NL__2PRFIN20090601_081301_000000322079_00293_37922_9769.N1	01-JUN-2009 08:13:01	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37922	No
65	GOM_NL__2PRFIN20090601_081627_000000332079_00293_37922_9770.N1	01-JUN-2009 08:16:27	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37922	No
66	GOM_NL__2PRFIN20090601_082354_000000332079_00293_37922_9771.N1	01-JUN-2009 08:23:54	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37922	No
67	GOM_NL__2PRFIN20090601_083446_000000312079_00293_37922_9772.N1	01-JUN-2009 08:34:46	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37922	No
68	GOM_NL__2PRFIN20090601_083953_000000252079_00293_37922_9773.N1	01-JUN-2009 08:39:53	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37922	No
69	GOM_NL__2PRFIN20090601_085017_000000282079_00293_37922_9774.N1	01-JUN-2009 08:50:17	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37922	No
70	GOM_NL__2PRFIN20090601_085516_000000302079_00293_37922_9775.N1	01-JUN-2009 08:55:16	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37922	No
71	GOM_NL__2PRFIN20090601_091302_000000392079_00293_37922_9776.N1	01-JUN-2009 09:13:02	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37922	No
72	GOM_NL__2PRFIN20090601_091811_000000352079_00294_37923_9780.N1	01-JUN-2009 09:18:11	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37923	No
73	GOM_NL__2PRFIN20090601_093325_000000352079_00294_37923_9781.N1	01-JUN-2009 09:33:25	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37923	No
74	GOM_NL__2PRFIN20090601_093506_000000372079_00294_37923_9782.N1	01-JUN-2009 09:35:06	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37923	No
75	GOM_NL__2PRFIN20090601_094128_000000322079_00294_37923_9783.N1	01-JUN-2009 09:41:28	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37923	No
76	GOM_NL__2PRFIN20090601_094319_000000302079_00294_37923_9784.N1	01-JUN-2009 09:43:19	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37923	No
77	GOM_NL__2PRFIN20090601_095336_000000322079_00294_37923_9785.N1	01-JUN-2009 09:53:36	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37923	No
78	GOM_NL__2PRFIN20090601_095702_000000332079_00294_37923_9786.N1	01-JUN-2009 09:57:02	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37923	No
79	GOM_NL__2PRFIN20090601_100429_000000342079_00294_37923_9787.N1	01-JUN-2009 10:04:29	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37923	No
80	GOM_NL__2PRFIN20090601_101522_000000312079_00294_37923_9788.N1	01-JUN-2009 10:15:22	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37923	No
81	GOM_NL__2PRFIN20090601_102028_000000262079_00294_37923_9789.N1	01-JUN-2009 10:20:28	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37923	No
82	GOM_NL__2PRFIN20090601_103053_000000282079_00294_37923_9790.N1	01-JUN-2009 10:30:53	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37923	No
83	GOM_NL__2PRFIN20090601_103552_000000302079_00294_37923_9791.N1	01-JUN-2009 10:35:52	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37923	No
84	GOM_NL__2PRFIN20090601_105339_000000392079_00294_37923_9792.N1	01-JUN-2009 10:53:39	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37923	No
85	GOM_NL__2PRFIN20090601_105848_000000342079_00295_37924_9794.N1	01-JUN-2009 10:58:48	Dark	33.500	31	Alp Gru	1.7340	15200.	67	37924	No
86	GOM_NL__2PRFIN20090601_111401_000000352079_00295_37924_9795.N1	01-JUN-2009 11:14:01	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37924	No
87	GOM_NL__2PRFIN20090601_111543_000000372079_00295_37924_9796.N1	01-JUN-2009 11:15:43	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37924	No
88	GOM_NL__2PRFIN20090601_112204_000000322079_00295_37924_9797.N1	01-JUN-2009 11:22:04	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37924	No
89	GOM_NL__2PRFIN20090601_112355_000000302079_00295_37924_9798.N1	01-JUN-2009 11:23:55	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37924	No
90	GOM_NL__2PRFIN20090601_113412_000000322079_00295_37924_9799.N1	01-JUN-2009 11:34:12	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37924	No
91	GOM_NL__2PRFIN20090601_113737_000000332079_00295_37924_9800.N1	01-JUN-2009 11:37:37	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37924	No
92	GOM_NL__2PRFIN20090601_114505_000000332079_00295_37924_9801.N1	01-JUN-2009 11:45:05	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37924	No
93	GOM_NL__2PRFIN20090601_115557_000000312079_00295_37924_9802.N1	01-JUN-2009 11:55:57	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37924	No
94	GOM_NL__2PRFIN20090601_120104_000000252079_00295_37924_9803.N1	01-JUN-2009 12:01:04	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37924	No
95	GOM_NL__2PRFIN20090601_121129_000000282079_00295_37924_9804.N1	01-JUN-2009 12:11:29	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37924	No
96	GOM_NL__2PRFIN20090601_121628_000000292079_00295_37924_9805.N1	01-JUN-2009 12:16:28	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37924	No
97	GOM_NL__2PRFIN20090601_123416_000000392079_00295_37924_9806.N1	01-JUN-2009 12:34:16	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37924	No
98	GOM_NL__2PRFIN20090601_123925_000000352079_00296_37925_9808.N1	01-JUN-2009 12:39:25	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37925	No
99	GOM_NL__2PRFIN20090601_125438_000000352079_00296_37925_9809.N1	01-JUN-2009 12:54:38	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37925	No
100	GOM_NL__2PRFIN20090601_125619_000000372079_00296_37925_9810.N1	01-JUN-2009 12:56:19	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37925	No
101	GOM_NL__2PRFIN20090601_130240_000000322079_00296_37925_9811.N1	01-JUN-2009 13:02:40	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37925	No

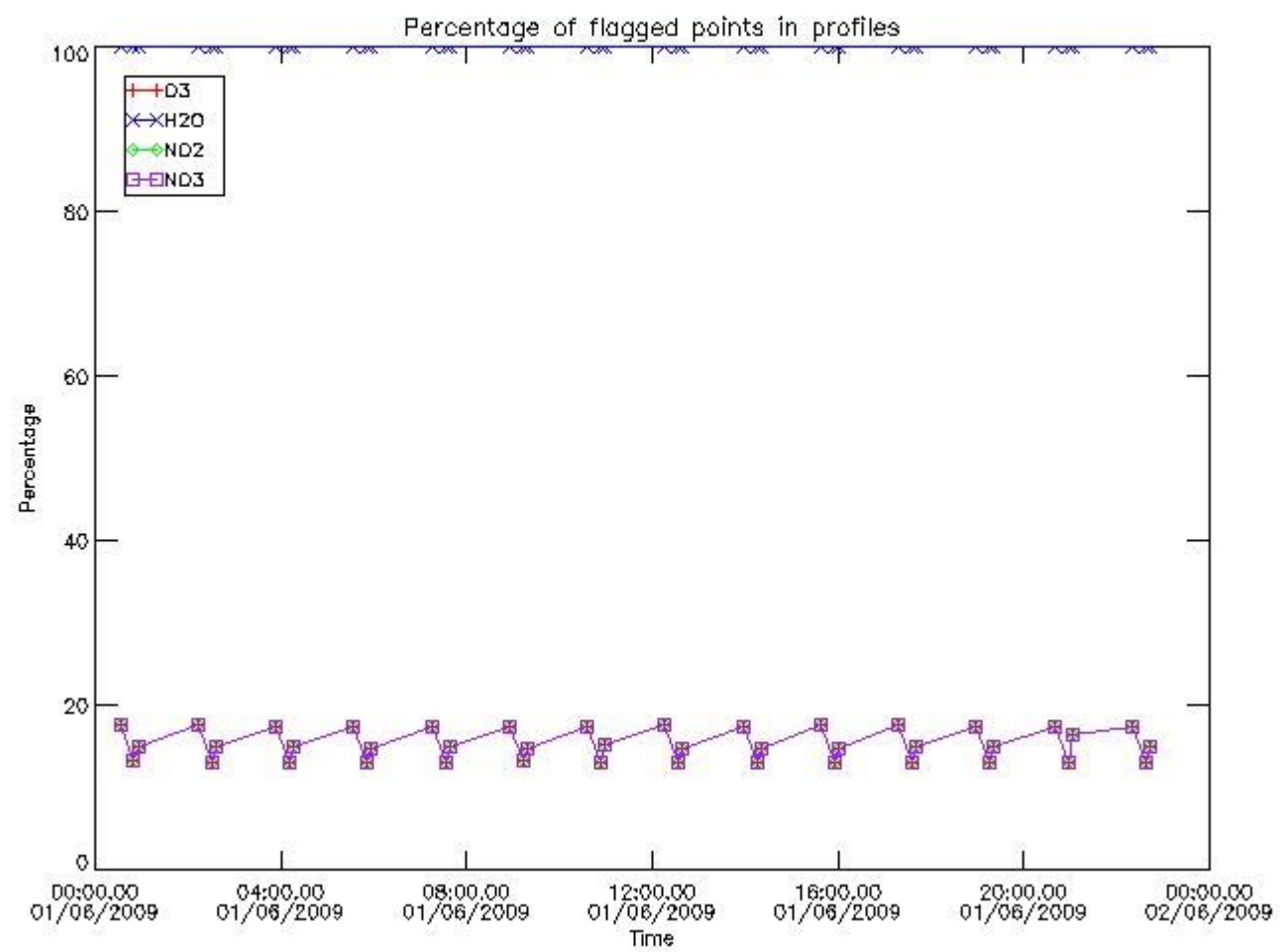
102	GOM_NL__2PRFIN20090601_130434_000000262079_00296_37925_9812.N1	01-JUN-2009 13:04:34	Bright	26.000	98	13Zet Oph	2.5710	30000.	52	37925	No
103	GOM_NL__2PRFIN20090601_131448_000000322079_00296_37925_9813.N1	01-JUN-2009 13:14:48	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37925	No
104	GOM_NL__2PRFIN20090601_131813_000000332079_00296_37925_9814.N1	01-JUN-2009 13:18:13	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37925	No
105	GOM_NL__2PRFIN20090601_132540_000000332079_00296_37925_9815.N1	01-JUN-2009 13:25:40	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37925	No
106	GOM_NL__2PRFIN20090601_133632_000000312079_00296_37925_9816.N1	01-JUN-2009 13:36:32	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37925	No
107	GOM_NL__2PRFIN20090601_134140_000000252079_00296_37925_9817.N1	01-JUN-2009 13:41:40	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37925	No
108	GOM_NL__2PRFIN20090601_135206_000000282079_00296_37925_9818.N1	01-JUN-2009 13:52:06	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37925	No
109	GOM_NL__2PRFIN20090601_135705_000000302079_00296_37925_9819.N1	01-JUN-2009 13:57:05	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37925	No
110	GOM_NL__2PRFIN20090601_141453_000000392079_00296_37925_9820.N1	01-JUN-2009 14:14:53	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37925	No
111	GOM_NL__2PRFIN20090601_142001_000000352079_00297_37926_9822.N1	01-JUN-2009 14:20:01	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37926	No
112	GOM_NL__2PRFIN20090601_143515_000000352079_00297_37926_9823.N1	01-JUN-2009 14:35:15	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37926	No
113	GOM_NL__2PRFIN20090601_143656_000000362079_00297_37926_9824.N1	01-JUN-2009 14:36:56	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37926	No
114	GOM_NL__2PRFIN20090601_144316_000000322079_00297_37926_9825.N1	01-JUN-2009 14:43:16	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37926	No
115	GOM_NL__2PRFIN20090601_145524_000000312079_00297_37926_9826.N1	01-JUN-2009 14:55:24	Bright	31.000	127	27Bet Her	2.7810	4700.0	62	37926	No
116	GOM_NL__2PRFIN20090601_145849_000000322079_00297_37926_9827.N1	01-JUN-2009 14:58:49	Bright	32.000	133	40Zet Her	2.8070	6000.0	64	37926	No
117	GOM_NL__2PRFIN20090601_150616_000000332079_00297_37926_9828.N1	01-JUN-2009 15:06:16	Bright	32.500	130	23Bet Dra	2.7990	5800.0	65	37926	No
118	GOM_NL__2PRFIN20090601_151707_000000312079_00297_37926_9829.N1	01-JUN-2009 15:17:07	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37926	No
119	GOM_NL__2PRFIN20090601_152216_000000252079_00297_37926_9830.N1	01-JUN-2009 15:22:16	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37926	No
120	GOM_NL__2PRFIN20090601_153242_000000282079_00297_37926_9831.N1	01-JUN-2009 15:32:42	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37926	No
121	GOM_NL__2PRFIN20090601_153742_000000292079_00297_37926_9832.N1	01-JUN-2009 15:37:42	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37926	No
122	GOM_NL__2PRFIN20090601_155530_000000392079_00297_37926_9833.N1	01-JUN-2009 15:55:30	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37926	No
123	GOM_NL__2PRFIN20090601_160038_000000352079_00298_37927_9836.N1	01-JUN-2009 16:00:38	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37927	No
124	GOM_NL__2PRFIN20090601_161551_000000352079_00298_37927_9837.N1	01-JUN-2009 16:15:51	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37927	No
125	GOM_NL__2PRFIN20090601_161732_000000362079_00298_37927_9838.N1	01-JUN-2009 16:17:32	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37927	No
126	GOM_NL__2PRFIN20090601_162352_000000322079_00298_37927_9839.N1	01-JUN-2009 16:23:52	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37927	No
127	GOM_NL__2PRFIN20090601_163559_000000322079_00298_37927_9840.N1	01-JUN-2009 16:35:59	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37927	No
128	GOM_NL__2PRFIN20090601_163924_000000332079_00298_37927_9841.N1	01-JUN-2009 16:39:24	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37927	No
129	GOM_NL__2PRFIN20090601_164651_000000332079_00298_37927_9842.N1	01-JUN-2009 16:46:51	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37927	No
130	GOM_NL__2PRFIN20090601_165743_000000322079_00298_37927_9843.N1	01-JUN-2009 16:57:43	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37927	No
131	GOM_NL__2PRFIN20090601_170252_000000252079_00298_37927_9844.N1	01-JUN-2009 17:02:52	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37927	No
132	GOM_NL__2PRFIN20090601_171318_000000282079_00298_37927_9845.N1	01-JUN-2009 17:13:18	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37927	No
133	GOM_NL__2PRFIN20090601_171818_000000292079_00298_37927_9846.N1	01-JUN-2009 17:18:18	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37927	No
134	GOM_NL__2PRFIN20090601_173607_000000392079_00298_37927_9847.N1	01-JUN-2009 17:36:07	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37927	No
135	GOM_NL__2PRFIN20090601_174116_000000342079_00299_37928_9850.N1	01-JUN-2009 17:41:16	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37928	No
136	GOM_NL__2PRFIN20090601_175628_000000352079_00299_37928_9851.N1	01-JUN-2009 17:56:28	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37928	No
137	GOM_NL__2PRFIN20090601_175809_000000362079_00299_37928_9852.N1	01-JUN-2009 17:58:09	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37928	No
138	GOM_NL__2PRFIN20090601_180428_000000322079_00299_37928_9853.N1	01-JUN-2009 18:04:28	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37928	No
139	GOM_NL__2PRFIN20090601_181635_000000322079_00299_37928_9854.N1	01-JUN-2009 18:16:35	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37928	No
140	GOM_NL__2PRFIN20090601_181959_000000332079_00299_37928_9855.N1	01-JUN-2009 18:19:59	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37928	No
141	GOM_NL__2PRFIN20090601_182726_000000332079_00299_37928_9856.N1	01-JUN-2009 18:27:26	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37928	No
142	GOM_NL__2PRFIN20090601_183818_000000312079_00299_37928_9857.N1	01-JUN-2009 18:38:18	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37928	No
143	GOM_NL__2PRFIN20090601_184327_000000252079_00299_37928_9858.N1	01-JUN-2009 18:43:27	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37928	No
144	GOM_NL__2PRFIN20090601_185354_000000282079_00299_37928_9859.N1	01-JUN-2009 18:53:54	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37928	No
145	GOM_NL__2PRFIN20090601_185854_000000302079_00299_37928_9860.N1	01-JUN-2009 18:58:54	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37928	No
146	GOM_NL__2PRFIN20090601_191645_000000392079_00299_37928_9861.N1	01-JUN-2009 19:16:45	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37928	No
147	GOM_NL__2PRFIN20090601_192153_000000342079_00300_37929_9894.N1	01-JUN-2009 19:21:53	Dark	33.500	31	Alp Gru	1.7340	15200.	67	37929	No
148	GOM_NL__2PRFIN20090601_193704_000000352079_00300_37929_9895.N1	01-JUN-2009 19:37:04	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37929	No
149	GOM_NL__2PRFIN20090601_193845_000000362079_00300_37929_9896.N1	01-JUN-2009 19:38:45	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37929	No
150	GOM_NL__2PRFIN20090601_194504_000000322079_00300_37929_9897.N1	01-JUN-2009 19:45:04	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37929	No
151	GOM_NL__2PRFIN20090601_195710_000000322079_00300_37929_9898.N1	01-JUN-2009 19:57:10	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37929	No
152	GOM_NL__2PRFIN20090601_200035_000000332079_00300_37929_9899.N1	01-JUN-2009 20:00:35	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37929	No
153	GOM_NL__2PRFIN20090601_200801_000000332079_00300_37929_9900.N1	01-JUN-2009 20:08:01	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37929	No
154	GOM_NL__2PRFIN20090601_201854_000000312079_00300_37929_9901.N1	01-JUN-2009 20:18:54	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37929	No
155	GOM_NL__2PRFIN20090601_202403_000000252079_00300_37929_9902.N1	01-JUN-2009 20:24:03	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37929	No
156	GOM_NL__2PRFIN20090601_203430_000000282079_00300_37929_9903.N1	01-JUN-2009 20:34:30	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37929	No
157	GOM_NL__2PRFIN20090601_203931_000000292079_00300_37929_9904.N1	01-JUN-2009 20:39:31	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37929	No
158	GOM_NL__2PRFIN20090601_205722_000000392079_00300_37929_9905.N1	01-JUN-2009 20:57:22	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37929	No
159	GOM_NL__2PRFIN20090601_210229_000000342079_00301_37930_9912.N1	01-JUN-2009 21:02:29	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37930	No
160	GOM_NL__2PRFIN20090601_211740_000000352079_00301_37930_9913.N1	01-JUN-2009 21:17:40	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37930	No

161	GOM_NL__2PRFIN20090601_211921_000000362079_00301_37930_9914.N1	01-JUN-2009 21:19:21	Twilight_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37930	No
162	GOM_NL__2PRFIN20090601_212540_000000322079_00301_37930_9915.N1	01-JUN-2009 21:25:40	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37930	No
163	GOM_NL__2PRFIN20090601_213746_000000322079_00301_37930_9916.N1	01-JUN-2009 21:37:46	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37930	No
164	GOM_NL__2PRFIN20090601_214110_000000332079_00301_37930_9917.N1	01-JUN-2009 21:41:10	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37930	No
165	GOM_NL__2PRFIN20090601_214837_000000332079_00301_37930_9918.N1	01-JUN-2009 21:48:37	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37930	No
166	GOM_NL__2PRFIN20090601_215929_000000312079_00301_37930_9919.N1	01-JUN-2009 21:59:29	Twilight_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37930	No
167	GOM_NL__2PRFIN20090601_220439_000000252079_00301_37930_9920.N1	01-JUN-2009 22:04:39	Twilight_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37930	No
168	GOM_NL__2PRFIN20090601_221506_000000282079_00301_37930_9921.N1	01-JUN-2009 22:15:06	Twilight_stray	28.000	58	21Alp And	2.0730	11000.	56	37930	No
169	GOM_NL__2PRFIN20090601_222007_000000302079_00301_37930_9922.N1	01-JUN-2009 22:20:07	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37930	No
170	GOM_NL__2PRFIN20090601_223759_000000392079_00301_37930_9923.N1	01-JUN-2009 22:37:59	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37930	No
171	GOM_NL__2PRFIN20090601_224306_000000342079_00302_37931_9927.N1	01-JUN-2009 22:43:06	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37931	No
172	GOM_NL__2PRFIN20090601_225817_000000352079_00302_37931_9928.N1	01-JUN-2009 22:58:17	Twilight_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37931	No
173	GOM_NL__2PRFIN20090601_225958_000000362079_00302_37931_9929.N1	01-JUN-2009 22:59:58	Twilight_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37931	No
174	GOM_NL__2PRFIN20090601_230616_000000322079_00302_37931_9930.N1	01-JUN-2009 23:06:16	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37931	No
175	GOM_NL__2PRFIN20090601_231821_000000322079_00302_37931_9931.N1	01-JUN-2009 23:18:21	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37931	No
176	GOM_NL__2PRFIN20090601_232145_000000332079_00302_37931_9932.N1	01-JUN-2009 23:21:45	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37931	No
177	GOM_NL__2PRFIN20090601_232912_000000332079_00302_37931_9933.N1	01-JUN-2009 23:29:12	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37931	No
178	GOM_NL__2PRFIN20090601_234004_000000312079_00302_37931_9934.N1	01-JUN-2009 23:40:04	Twilight_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37931	No
179	GOM_NL__2PRFIN20090601_234514_000000252079_00302_37931_9935.N1	01-JUN-2009 23:45:14	Twilight_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37931	No
180	GOM_NL__2PRFIN20090601_235542_000000282079_00302_37931_9936.N1	01-JUN-2009 23:55:42	Twilight_stray	28.000	58	21Alp And	2.0730	11000.	56	37931	No

3. Quality information per product

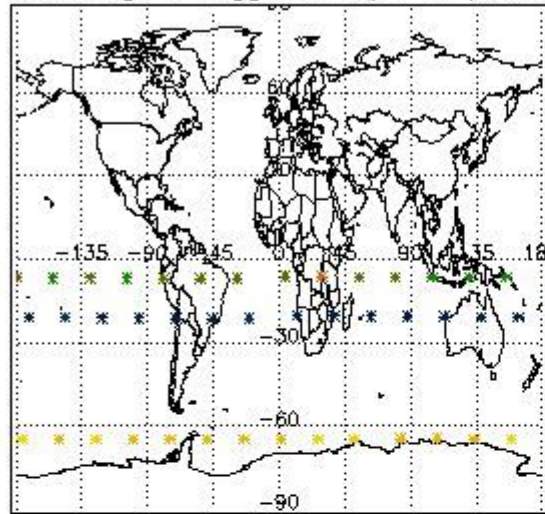
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

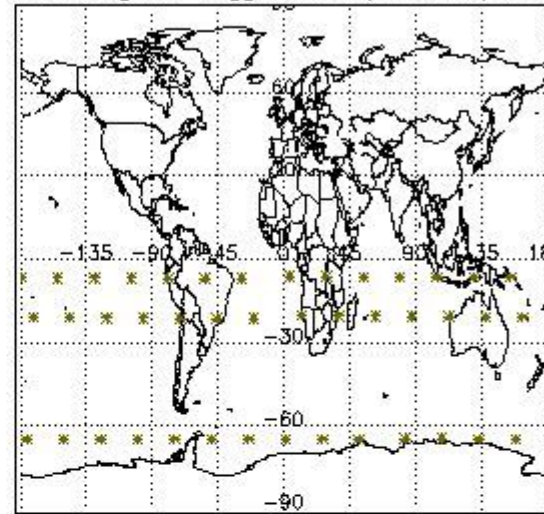


3.2 Plot quality information per product (world map)

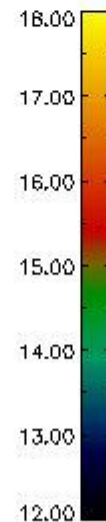
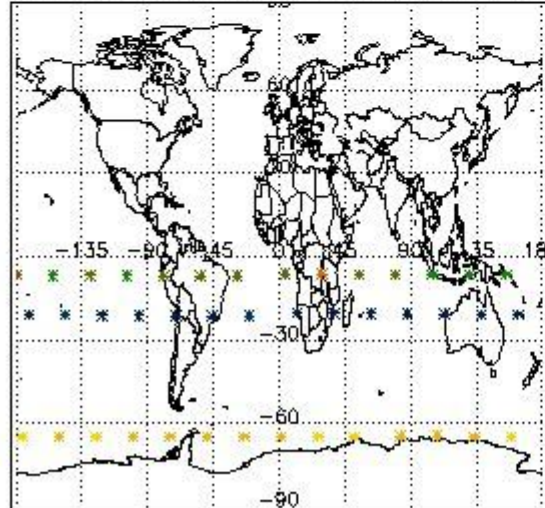
Percentage of flagged data per O3 profile



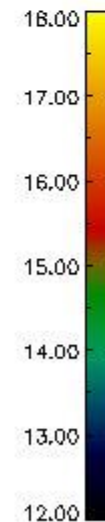
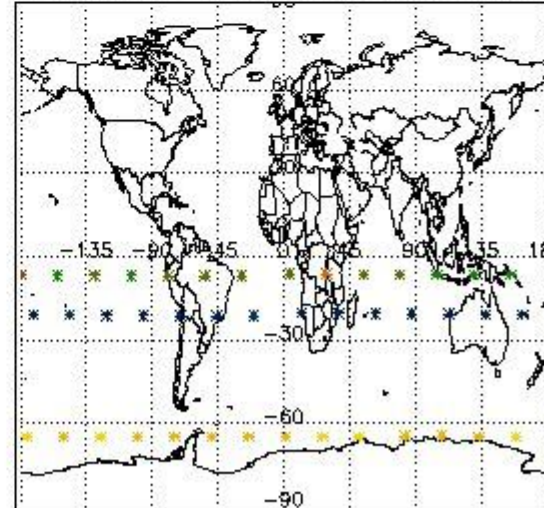
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

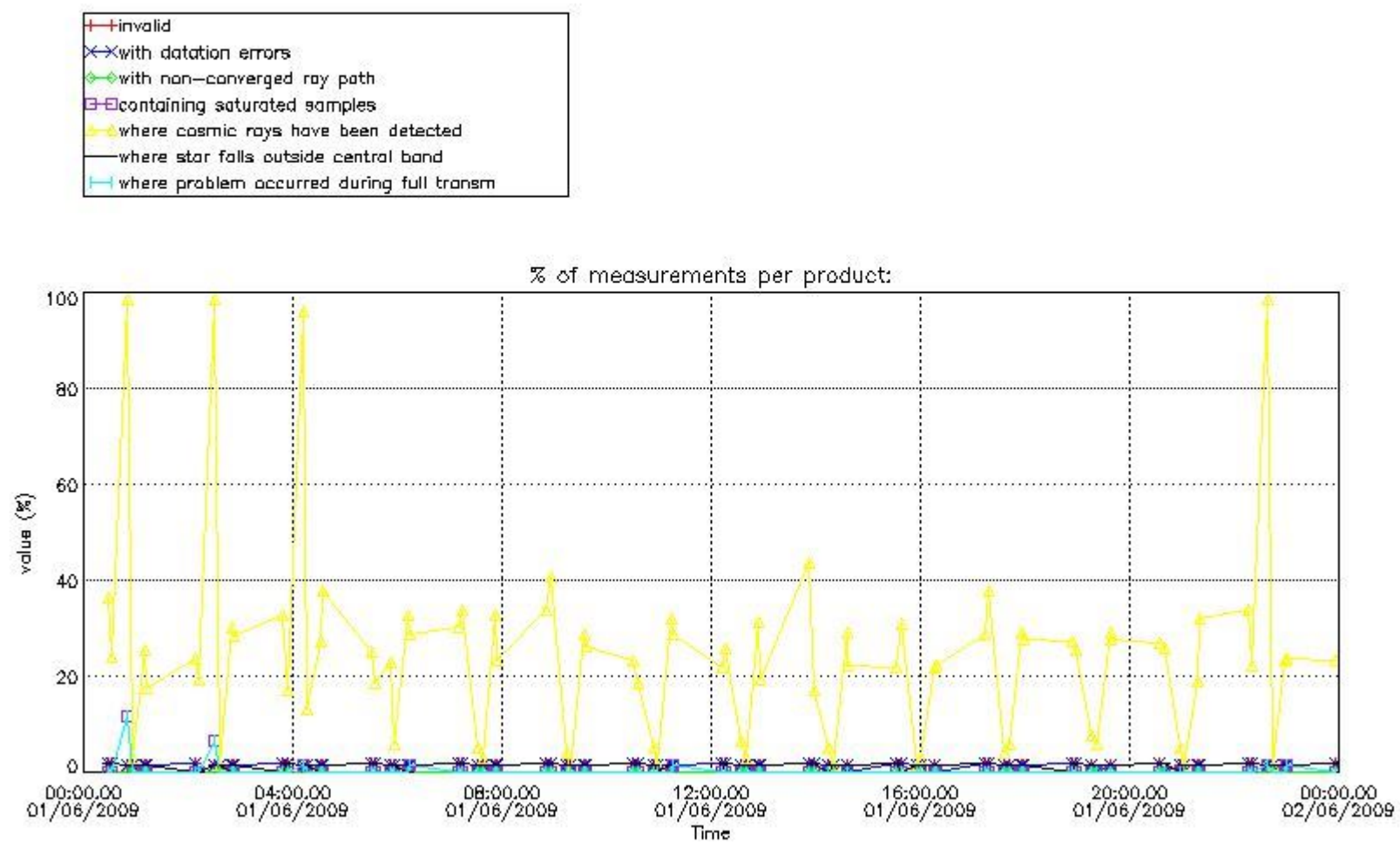


4. Level 1 quality information per product

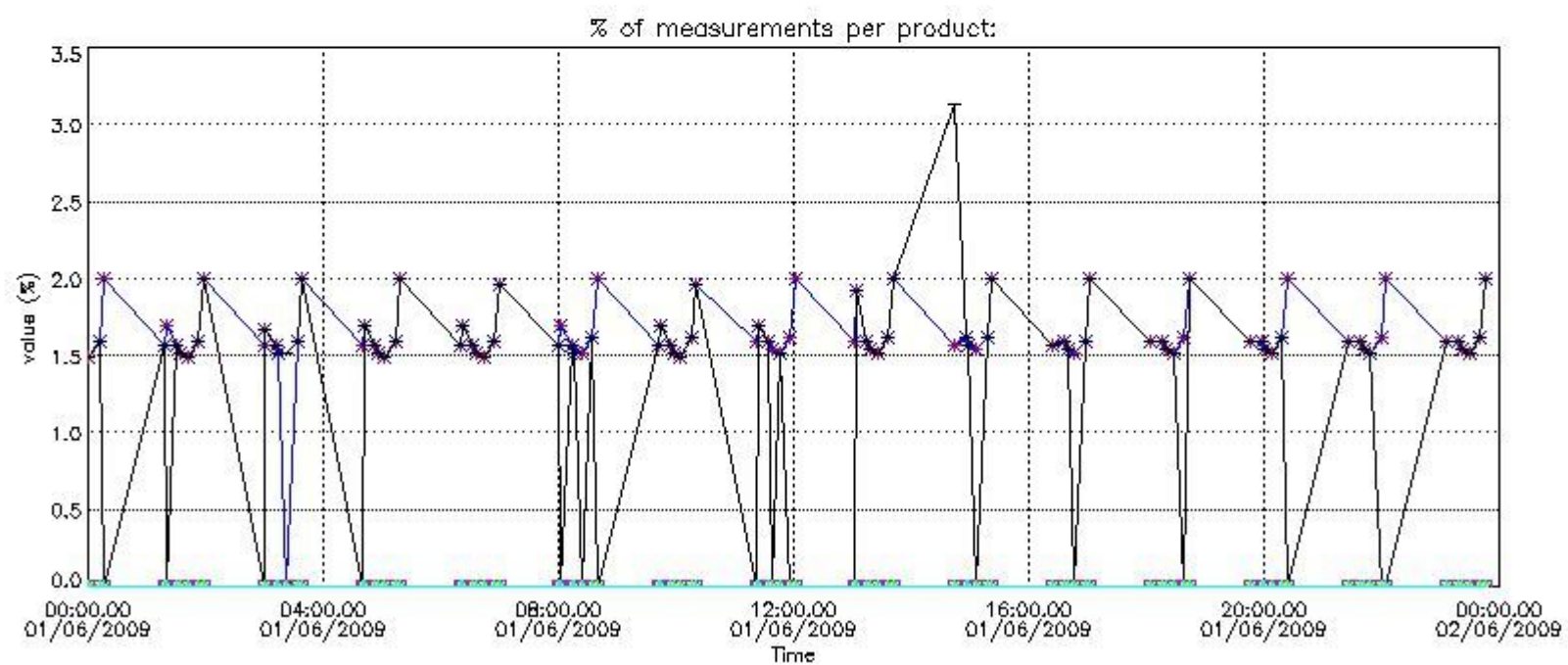
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

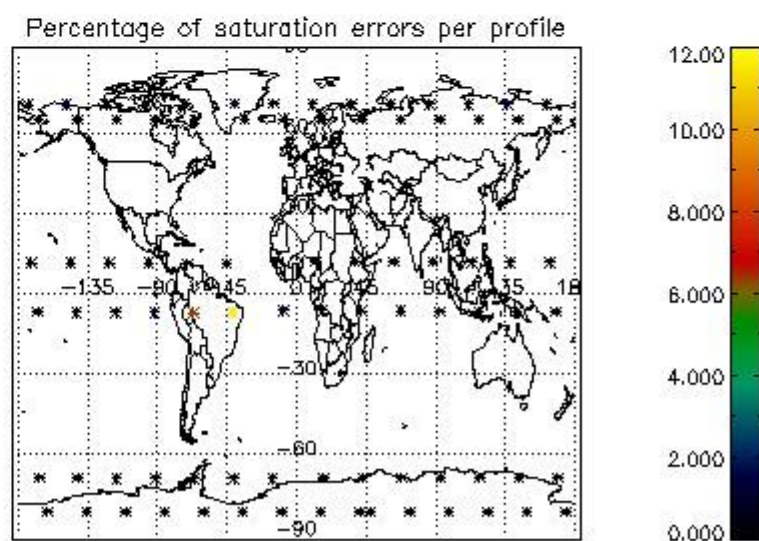
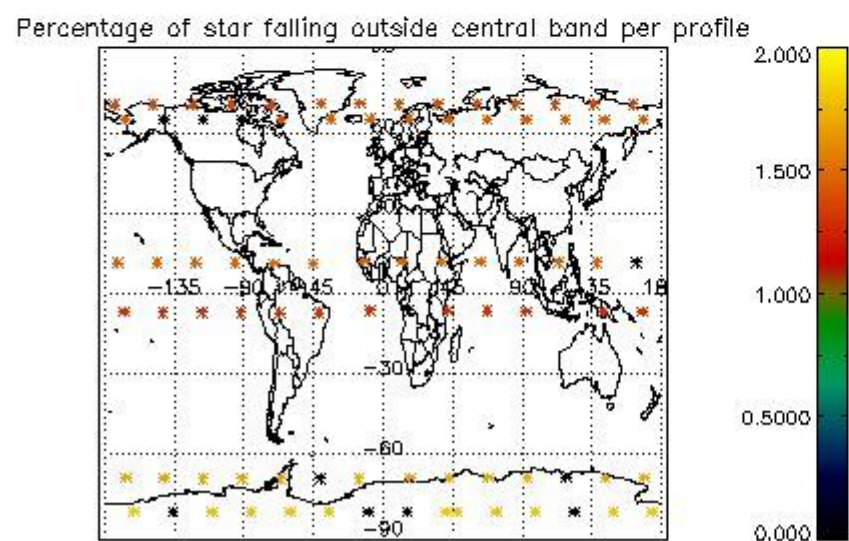
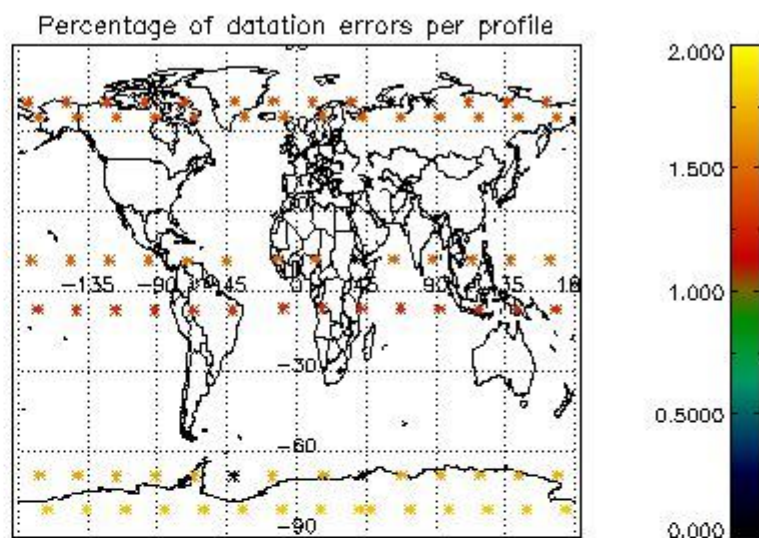
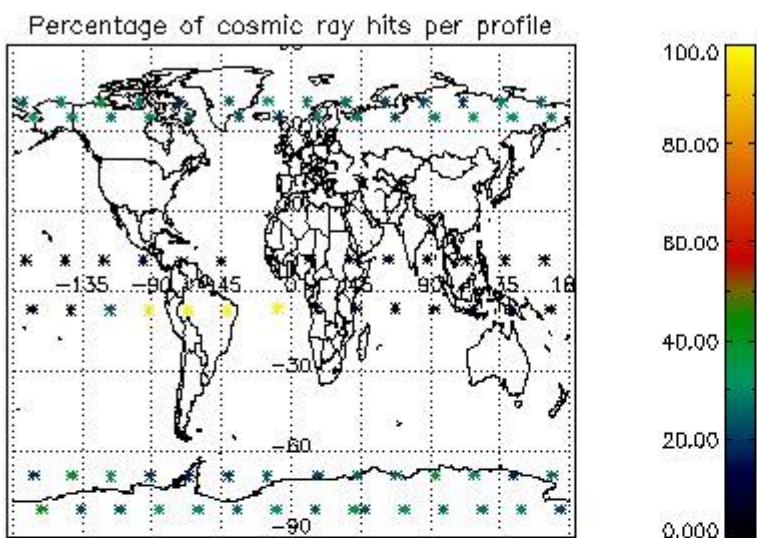


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

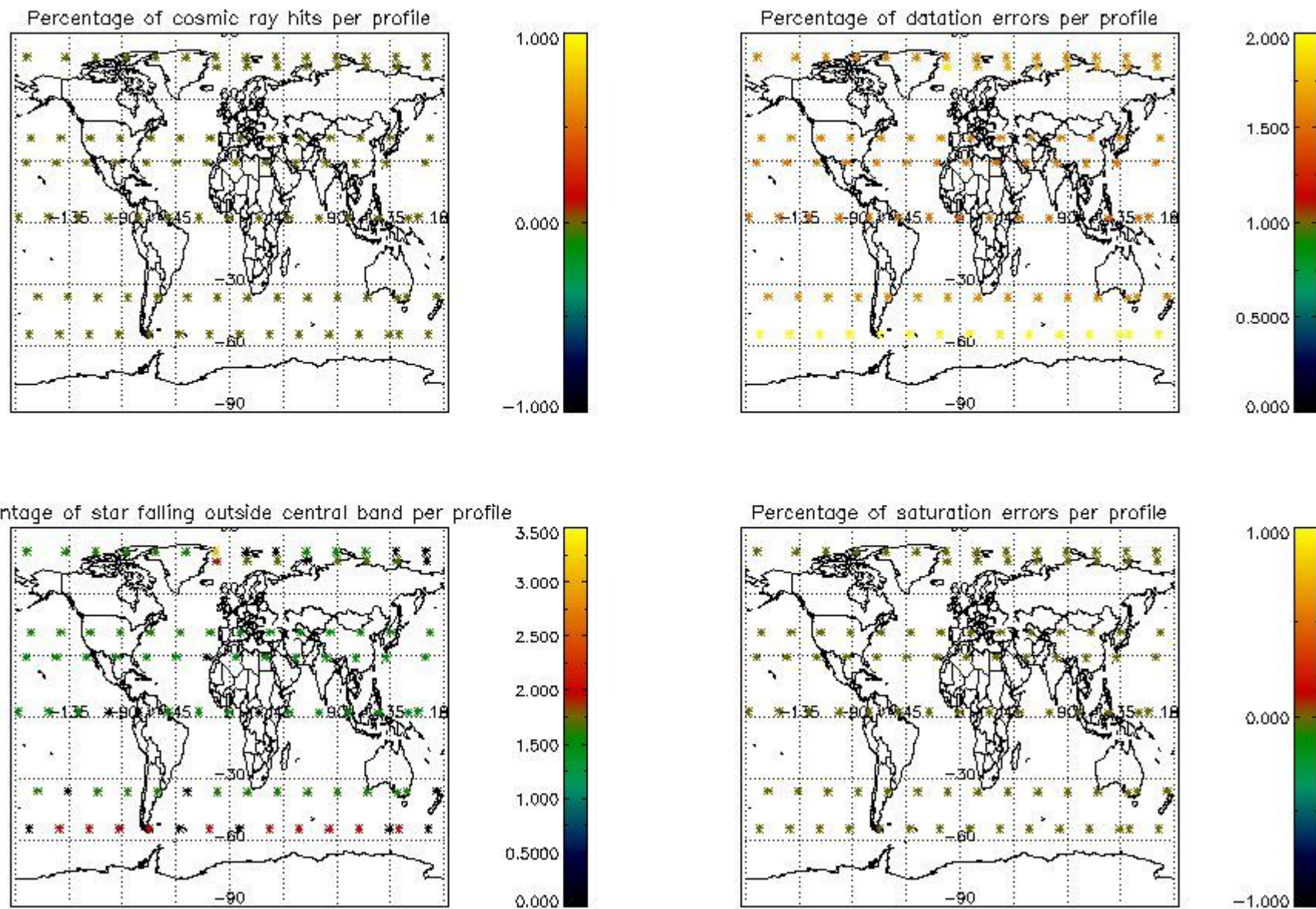


4.2 Plot quality information per product coming from level 1b processing (world map)

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

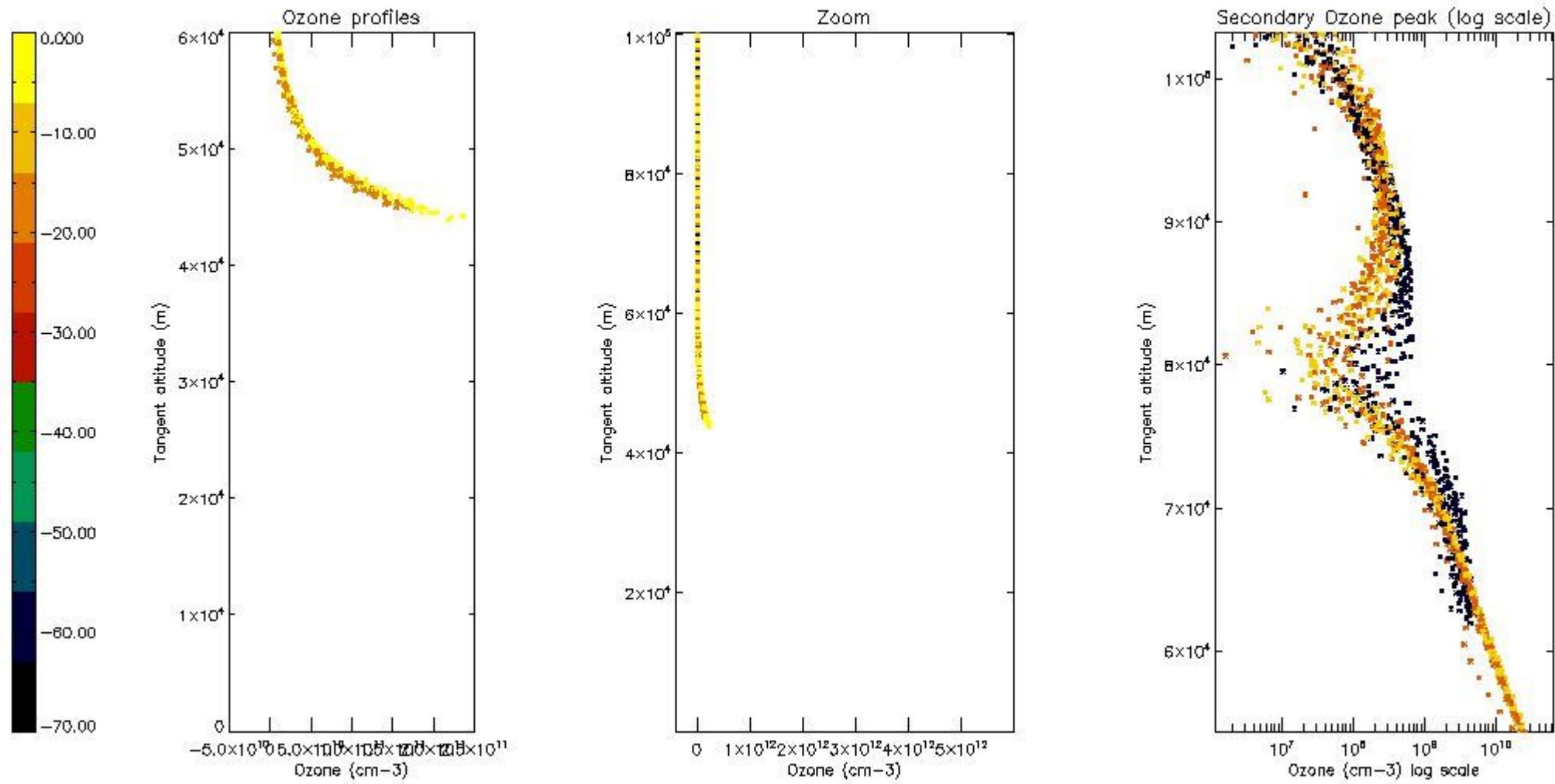
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	9
STD < 5	7

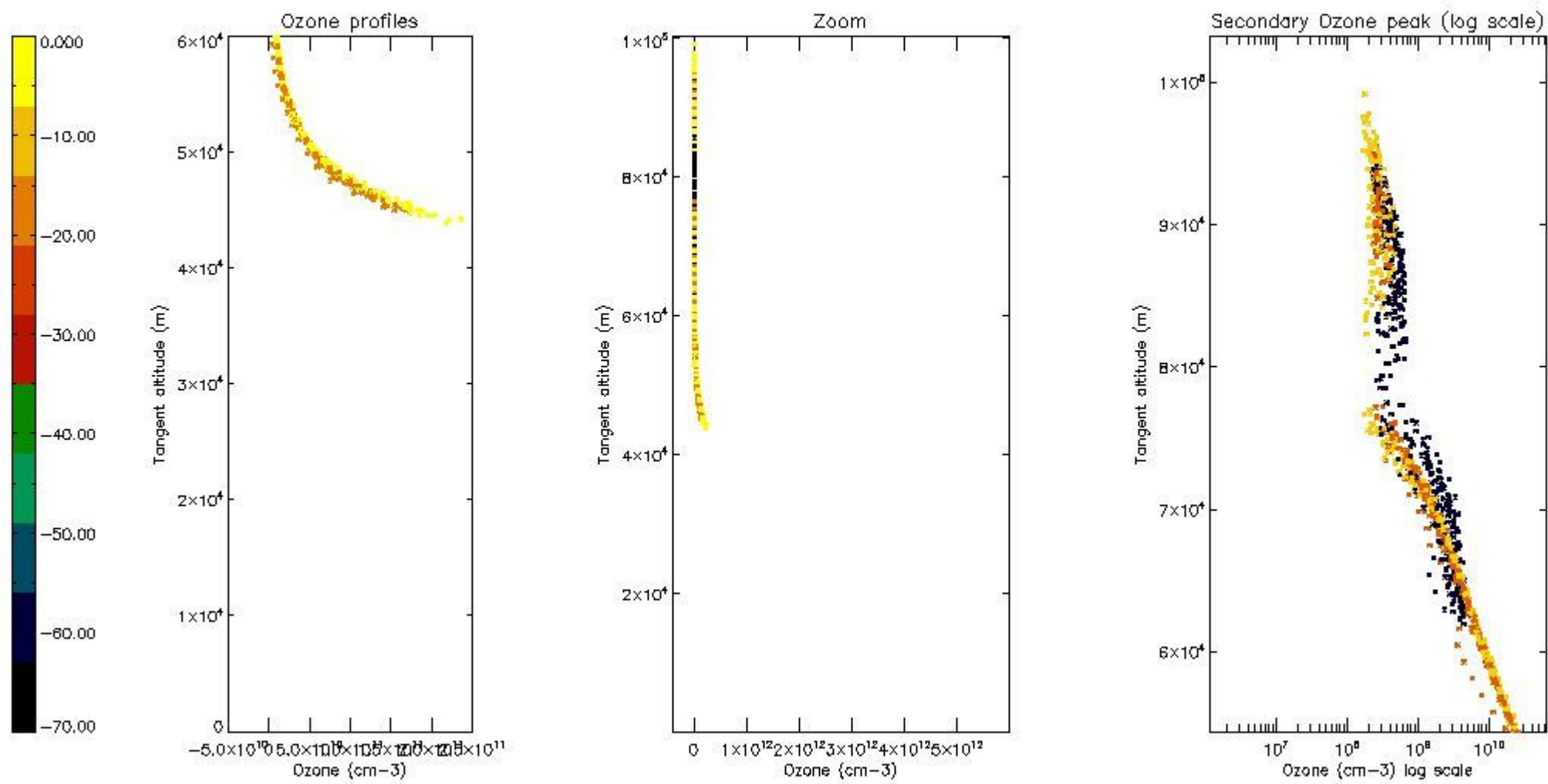
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



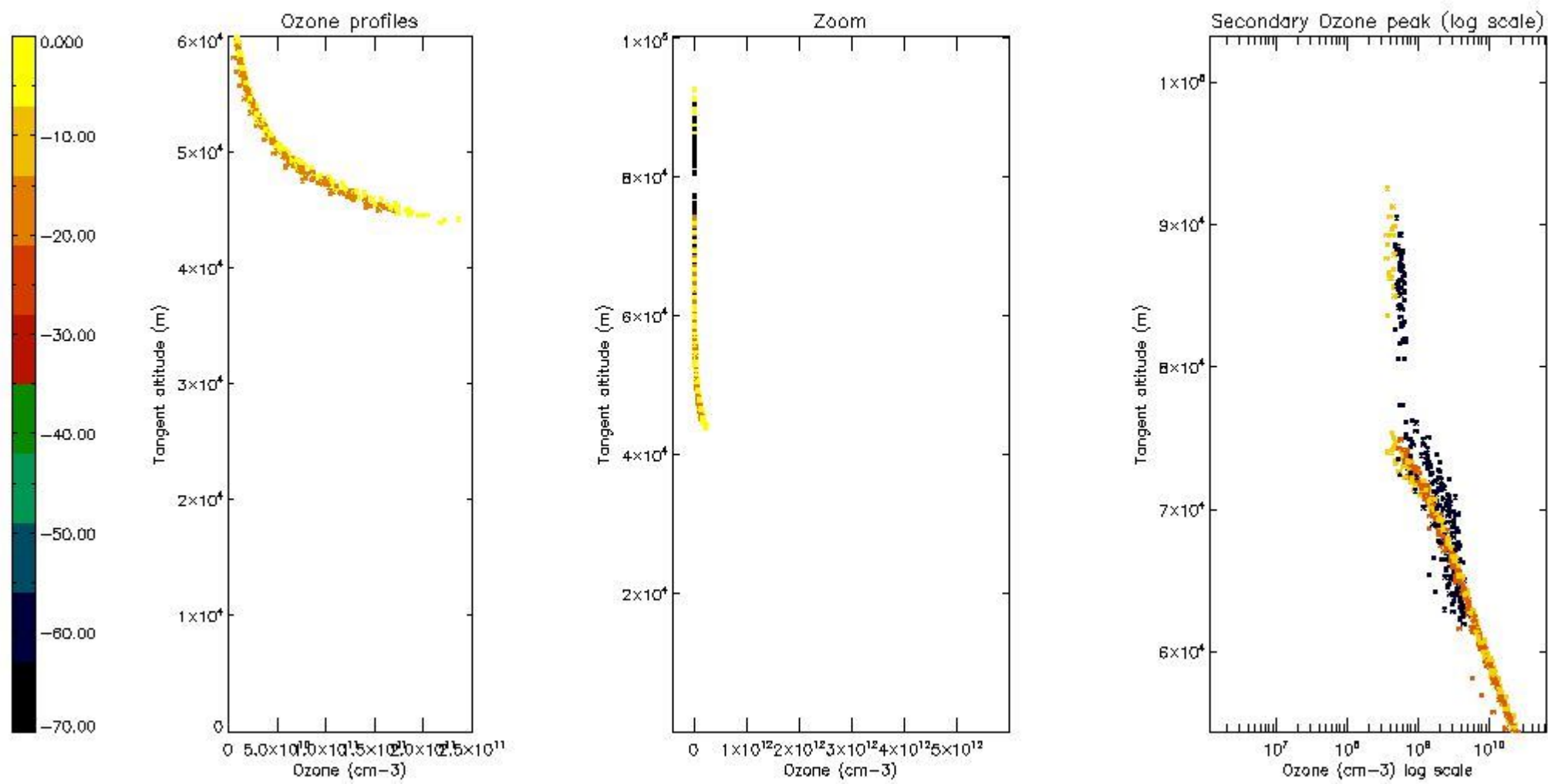
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



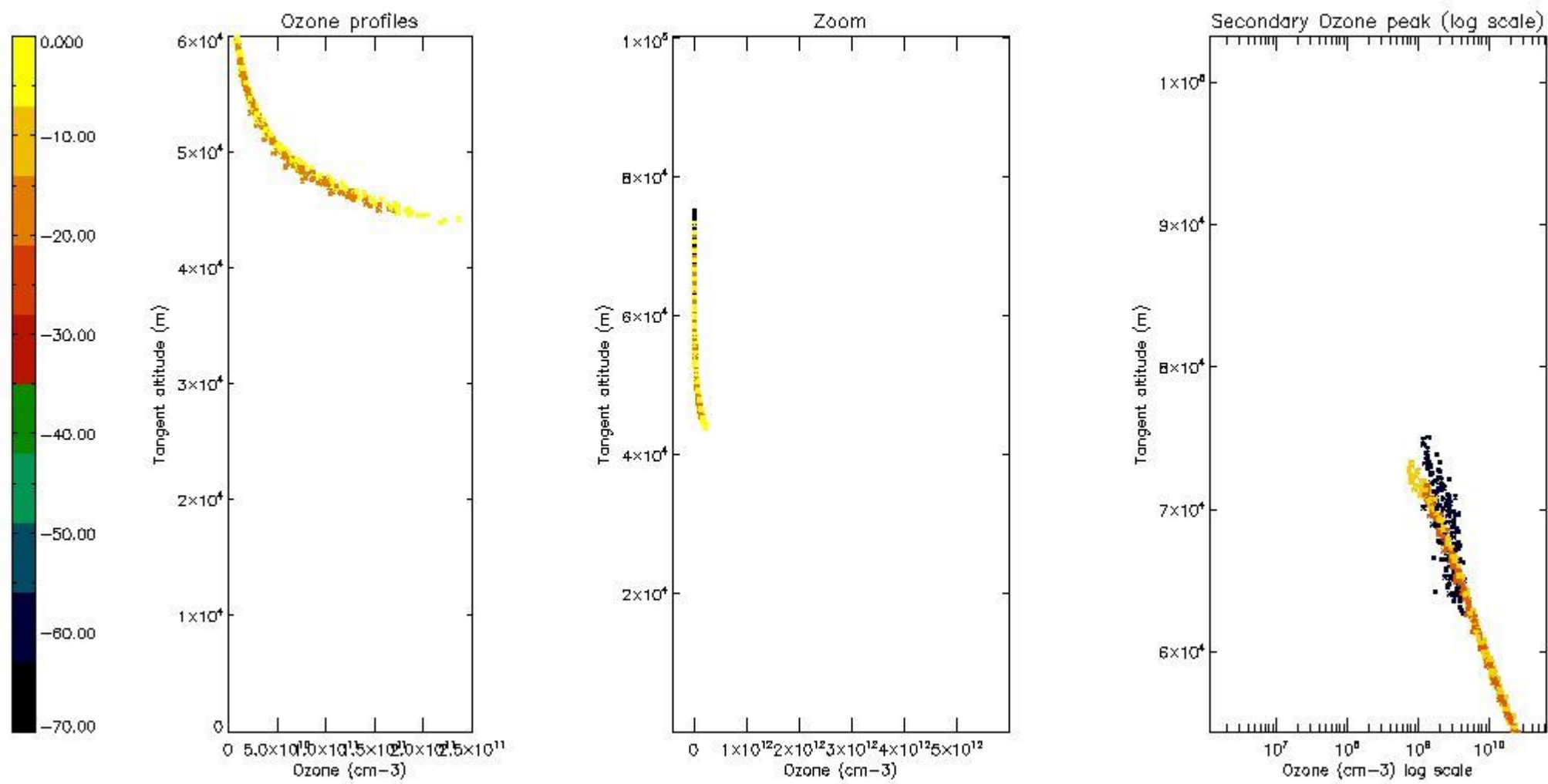
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



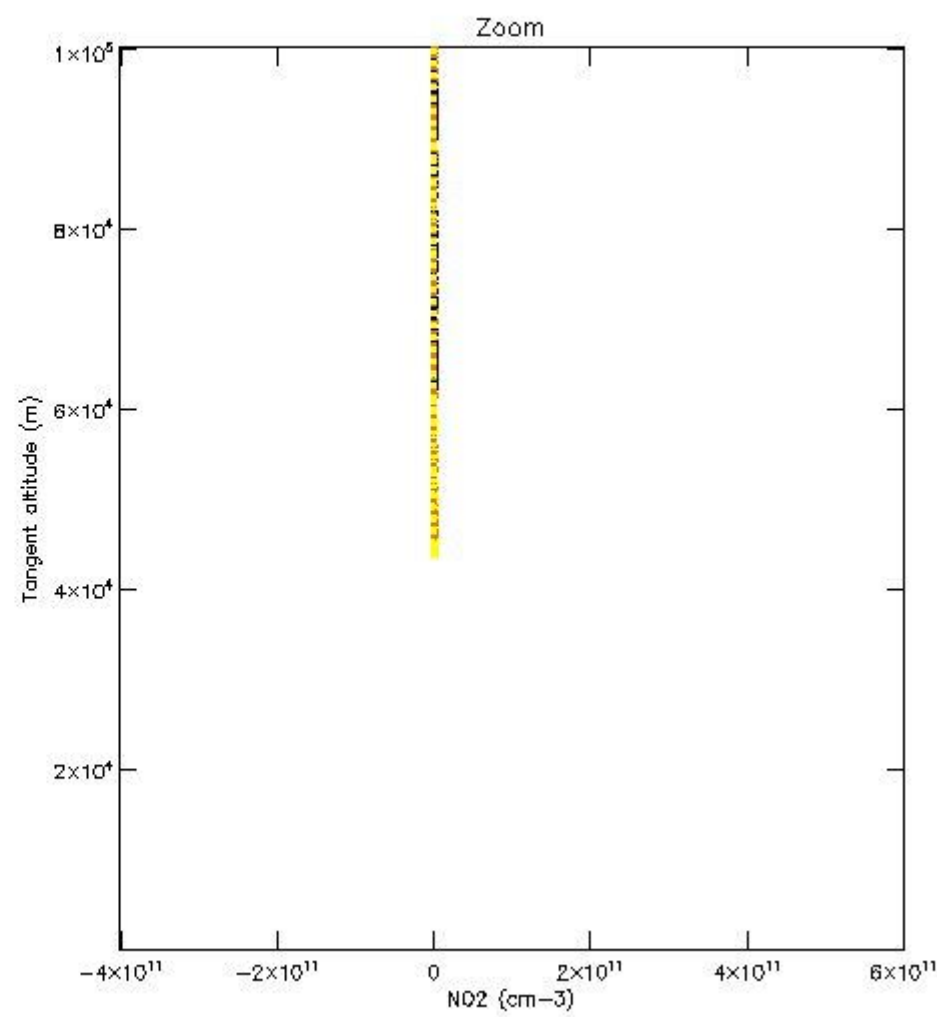
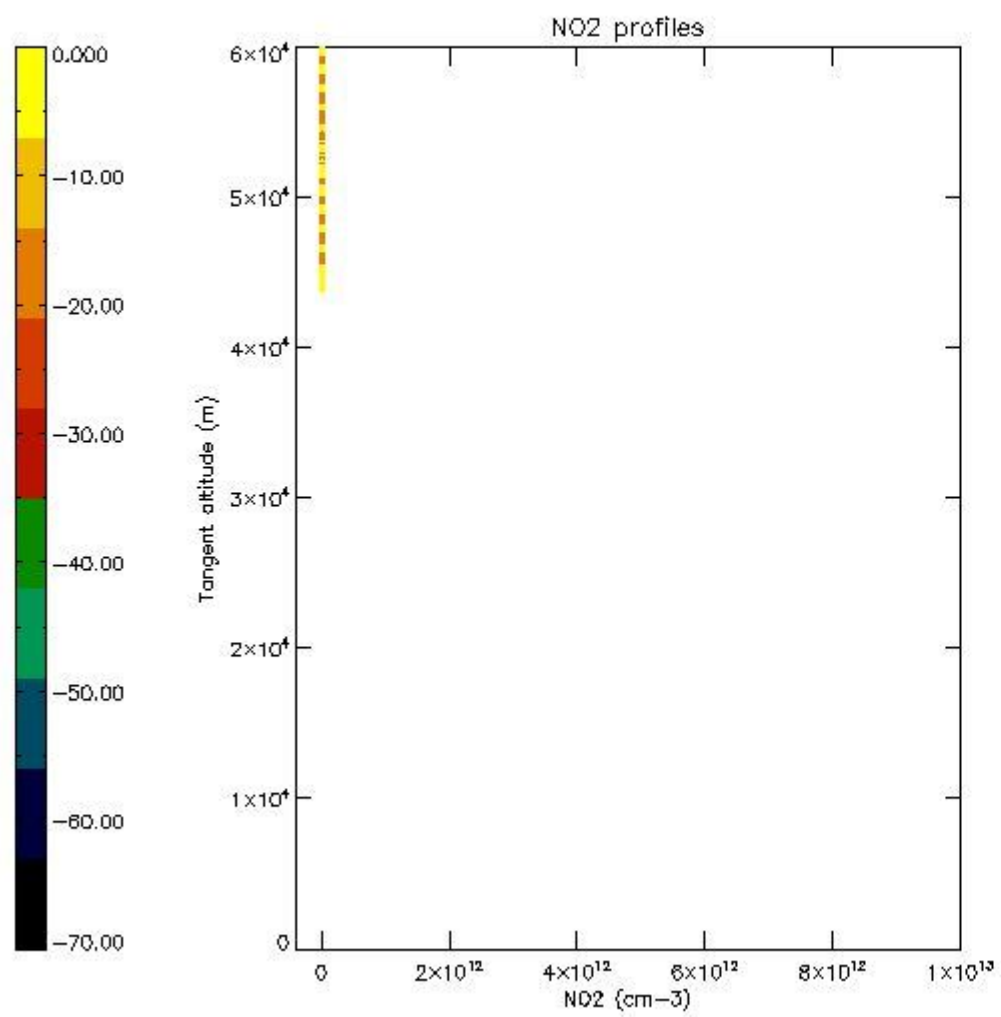
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



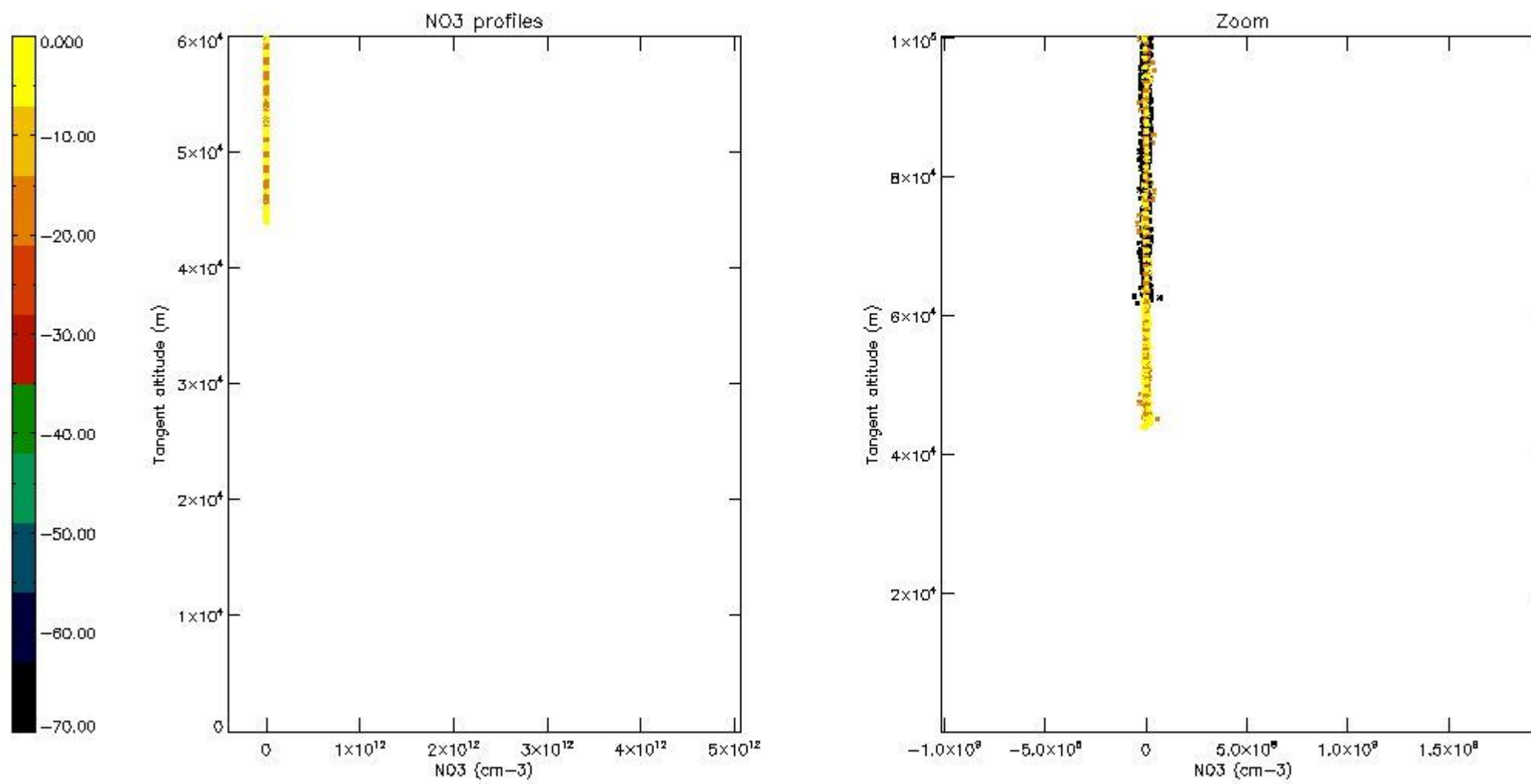
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	01-JUN-2009 00:00:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-JUN-2009 00:00:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-JUN-2009 00:00:58

GOMOS Level 2 Daily Report

SUMMARY

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[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 09:53:53
Data source version	GOMOS/6.01
Start time of products	01-06-2009 (01JUN2009 00:00:00)
Stop time of products	02-06-2009 (02JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	180
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090601_000058_000000342079_00288_37917_9667.N1	01-JUN-2009 00:00:58	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37917	No
2	GOM_NL__2PRFIN20090601_001149_000000322079_00288_37917_9668.N1	01-JUN-2009 00:11:49	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37917	No
3	GOM_NL__2PRFIN20090601_001654_000000252079_00288_37917_9669.N1	01-JUN-2009 00:16:54	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37917	No
4	GOM_NL__2PRFIN20090601_002717_000000282079_00288_37917_9670.N1	01-JUN-2009 00:27:17	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37917	No
5	GOM_NL__2PRFIN20090601_003213_000000292079_00288_37917_9671.N1	01-JUN-2009 00:32:13	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37917	No
6	GOM_NL__2PRFIN20090601_004956_000000392079_00288_37917_9672.N1	01-JUN-2009 00:49:56	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37917	No
7	GOM_NL__2PRFIN20090601_005507_000000342079_00289_37918_9674.N1	01-JUN-2009 00:55:07	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37918	No
8	GOM_NL__2PRFIN20090601_011022_000000362079_00289_37918_9675.N1	01-JUN-2009 01:10:22	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37918	No
9	GOM_NL__2PRFIN20090601_011204_000000372079_00289_37918_9676.N1	01-JUN-2009 01:12:04	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37918	No
10	GOM_NL__2PRFIN20090601_011828_000000322079_00289_37918_9677.N1	01-JUN-2009 01:18:28	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37918	No
11	GOM_NL__2PRFIN20090601_012019_000000302079_00289_37918_9678.N1	01-JUN-2009 01:20:19	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37918	No
12	GOM_NL__2PRFIN20090601_013039_000000322079_00289_37918_9679.N1	01-JUN-2009 01:30:39	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37918	No
13	GOM_NL__2PRFIN20090601_013405_000000332079_00289_37918_9680.N1	01-JUN-2009 01:34:05	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37918	No
14	GOM_NL__2PRFIN20090601_014133_000000342079_00289_37918_9681.N1	01-JUN-2009 01:41:33	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37918	No
15	GOM_NL__2PRFIN20090601_015225_000000322079_00289_37918_9682.N1	01-JUN-2009 01:52:25	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37918	No
16	GOM_NL__2PRFIN20090601_015730_000000252079_00289_37918_9683.N1	01-JUN-2009 01:57:30	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37918	No
17	GOM_NL__2PRFIN20090601_020753_000000282079_00289_37918_9684.N1	01-JUN-2009 02:07:53	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37918	No
18	GOM_NL__2PRFIN20090601_021250_000000292079_00289_37918_9685.N1	01-JUN-2009 02:12:50	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37918	No
19	GOM_NL__2PRFIN20090601_023033_000000392079_00289_37918_9686.N1	01-JUN-2009 02:30:33	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37918	No
20	GOM_NL__2PRFIN20090601_023544_000000342079_00290_37919_9714.N1	01-JUN-2009 02:35:44	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37919	No
21	GOM_NL__2PRFIN20090601_025059_000000352079_00290_37919_9715.N1	01-JUN-2009 02:50:59	Twilight	35.000	38	20Eps Sgr	1.8360	11000.	70	37919	No
22	GOM_NL__2PRFIN20090601_025240_000000372079_00290_37919_9716.N1	01-JUN-2009 02:52:40	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37919	No
23	GOM_NL__2PRFIN20090601_025903_000000322079_00290_37919_9717.N1	01-JUN-2009 02:59:03	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37919	No
24	GOM_NL__2PRFIN20090601_030055_000000302079_00290_37919_9718.N1	01-JUN-2009 03:00:55	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37919	No
25	GOM_NL__2PRFIN20090601_031114_000000322079_00290_37919_9719.N1	01-JUN-2009 03:11:14	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37919	No
26	GOM_NL__2PRFIN20090601_031440_000000332079_00290_37919_9720.N1	01-JUN-2009 03:14:40	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37919	No
27	GOM_NL__2PRFIN20090601_032208_000000332079_00290_37919_9721.N1	01-JUN-2009 03:22:08	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37919	No
28	GOM_NL__2PRFIN20090601_033300_000000322079_00290_37919_9722.N1	01-JUN-2009 03:33:00	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37919	No
29	GOM_NL__2PRFIN20090601_033806_000000252079_00290_37919_9723.N1	01-JUN-2009 03:38:06	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37919	No
30	GOM_NL__2PRFIN20090601_034829_000000282079_00290_37919_9724.N1	01-JUN-2009 03:48:29	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37919	No
31	GOM_NL__2PRFIN20090601_035326_000000302079_00290_37919_9725.N1	01-JUN-2009 03:53:26	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37919	No
32	GOM_NL__2PRFIN20090601_041110_000000392079_00290_37919_9726.N1	01-JUN-2009 04:11:10	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37919	No
33	GOM_NL__2PRFIN20090601_041621_000000342079_00291_37920_9728.N1	01-JUN-2009 04:16:21	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37920	No
34	GOM_NL__2PRFIN20090601_043135_000000352079_00291_37920_9729.N1	01-JUN-2009 04:31:35	Twilight	35.000	38	20Eps Sgr	1.8360	11000.	70	37920	No
35	GOM_NL__2PRFIN20090601_043317_000000372079_00291_37920_9730.N1	01-JUN-2009 04:33:17	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37920	No
36	GOM_NL__2PRFIN20090601_043940_000000322079_00291_37920_9731.N1	01-JUN-2009 04:39:40	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37920	No
37	GOM_NL__2PRFIN20090601_044131_000000302079_00291_37920_9732.N1	01-JUN-2009 04:41:31	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37920	No
38	GOM_NL__2PRFIN20090601_045150_000000322079_00291_37920_9733.N1	01-JUN-2009 04:51:50	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37920	No
39	GOM_NL__2PRFIN20090601_045515_000000332079_00291_37920_9734.N1	01-JUN-2009 04:55:15	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37920	No
40	GOM_NL__2PRFIN20090601_050243_000000342079_00291_37920_9735.N1	01-JUN-2009 05:02:43	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37920	No
41	GOM_NL__2PRFIN20090601_051335_000000322079_00291_37920_9736.N1	01-JUN-2009 05:13:35	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37920	No
42	GOM_NL__2PRFIN20090601_051842_000000252079_00291_37920_9737.N1	01-JUN-2009 05:18:42	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37920	No

43	GOM_NL__2PRFIN20090601_052905_000000282079_00291_37920_9738.N1	01-JUN-2009 05:29:05	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37920	No
44	GOM_NL__2PRFIN20090601_053402_000000302079_00291_37920_9739.N1	01-JUN-2009 05:34:02	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37920	No
45	GOM_NL__2PRFIN20090601_055147_000000392079_00291_37920_9740.N1	01-JUN-2009 05:51:47	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37920	No
46	GOM_NL__2PRFIN20090601_055657_000000352079_00292_37921_9746.N1	01-JUN-2009 05:56:57	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37921	No
47	GOM_NL__2PRFIN20090601_061212_000000352079_00292_37921_9747.N1	01-JUN-2009 06:12:12	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37921	No
48	GOM_NL__2PRFIN20090601_061354_000000372079_00292_37921_9748.N1	01-JUN-2009 06:13:54	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37921	No
49	GOM_NL__2PRFIN20090601_062016_000000322079_00292_37921_9749.N1	01-JUN-2009 06:20:16	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37921	No
50	GOM_NL__2PRFIN20090601_062207_000000302079_00292_37921_9750.N1	01-JUN-2009 06:22:07	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37921	No
51	GOM_NL__2PRFIN20090601_063225_000000322079_00292_37921_9751.N1	01-JUN-2009 06:32:25	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37921	No
52	GOM_NL__2PRFIN20090601_063551_000000332079_00292_37921_9752.N1	01-JUN-2009 06:35:51	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37921	No
53	GOM_NL__2PRFIN20090601_064319_000000342079_00292_37921_9753.N1	01-JUN-2009 06:43:19	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37921	No
54	GOM_NL__2PRFIN20090601_065411_000000322079_00292_37921_9754.N1	01-JUN-2009 06:54:11	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37921	No
55	GOM_NL__2PRFIN20090601_065917_000000262079_00292_37921_9755.N1	01-JUN-2009 06:59:17	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37921	No
56	GOM_NL__2PRFIN20090601_070941_000000282079_00292_37921_9756.N1	01-JUN-2009 07:09:41	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37921	No
57	GOM_NL__2PRFIN20090601_071439_000000302079_00292_37921_9757.N1	01-JUN-2009 07:14:39	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37921	No
58	GOM_NL__2PRFIN20090601_073224_000000392079_00292_37921_9758.N1	01-JUN-2009 07:32:24	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37921	No
59	GOM_NL__2PRFIN20090601_073735_000000342079_00293_37922_9764.N1	01-JUN-2009 07:37:35	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37922	No
60	GOM_NL__2PRFIN20090601_075248_000000352079_00293_37922_9765.N1	01-JUN-2009 07:52:48	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37922	No
61	GOM_NL__2PRFIN20090601_075430_000000372079_00293_37922_9766.N1	01-JUN-2009 07:54:30	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37922	No
62	GOM_NL__2PRFIN20090601_080052_000000322079_00293_37922_9767.N1	01-JUN-2009 08:00:52	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37922	No
63	GOM_NL__2PRFIN20090601_080243_000000302079_00293_37922_9768.N1	01-JUN-2009 08:02:43	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37922	No
64	GOM_NL__2PRFIN20090601_081301_000000322079_00293_37922_9769.N1	01-JUN-2009 08:13:01	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37922	No
65	GOM_NL__2PRFIN20090601_081627_000000332079_00293_37922_9770.N1	01-JUN-2009 08:16:27	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37922	No
66	GOM_NL__2PRFIN20090601_082354_000000332079_00293_37922_9771.N1	01-JUN-2009 08:23:54	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37922	No
67	GOM_NL__2PRFIN20090601_083446_000000312079_00293_37922_9772.N1	01-JUN-2009 08:34:46	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37922	No
68	GOM_NL__2PRFIN20090601_083953_000000252079_00293_37922_9773.N1	01-JUN-2009 08:39:53	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37922	No
69	GOM_NL__2PRFIN20090601_085017_000000282079_00293_37922_9774.N1	01-JUN-2009 08:50:17	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37922	No
70	GOM_NL__2PRFIN20090601_085516_000000302079_00293_37922_9775.N1	01-JUN-2009 08:55:16	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37922	No
71	GOM_NL__2PRFIN20090601_091302_000000392079_00293_37922_9776.N1	01-JUN-2009 09:13:02	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37922	No
72	GOM_NL__2PRFIN20090601_091811_000000352079_00294_37923_9780.N1	01-JUN-2009 09:18:11	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37923	No
73	GOM_NL__2PRFIN20090601_093325_000000352079_00294_37923_9781.N1	01-JUN-2009 09:33:25	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37923	No
74	GOM_NL__2PRFIN20090601_093506_000000372079_00294_37923_9782.N1	01-JUN-2009 09:35:06	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37923	No
75	GOM_NL__2PRFIN20090601_094128_000000322079_00294_37923_9783.N1	01-JUN-2009 09:41:28	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37923	No
76	GOM_NL__2PRFIN20090601_094319_000000302079_00294_37923_9784.N1	01-JUN-2009 09:43:19	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37923	No
77	GOM_NL__2PRFIN20090601_095336_000000322079_00294_37923_9785.N1	01-JUN-2009 09:53:36	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37923	No
78	GOM_NL__2PRFIN20090601_095702_000000332079_00294_37923_9786.N1	01-JUN-2009 09:57:02	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37923	No
79	GOM_NL__2PRFIN20090601_100429_000000342079_00294_37923_9787.N1	01-JUN-2009 10:04:29	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37923	No
80	GOM_NL__2PRFIN20090601_101522_000000312079_00294_37923_9788.N1	01-JUN-2009 10:15:22	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37923	No
81	GOM_NL__2PRFIN20090601_102028_000000262079_00294_37923_9789.N1	01-JUN-2009 10:20:28	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37923	No
82	GOM_NL__2PRFIN20090601_103053_000000282079_00294_37923_9790.N1	01-JUN-2009 10:30:53	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37923	No
83	GOM_NL__2PRFIN20090601_103552_000000302079_00294_37923_9791.N1	01-JUN-2009 10:35:52	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37923	No
84	GOM_NL__2PRFIN20090601_105339_000000392079_00294_37923_9792.N1	01-JUN-2009 10:53:39	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37923	No
85	GOM_NL__2PRFIN20090601_105848_000000342079_00295_37924_9794.N1	01-JUN-2009 10:58:48	Dark	33.500	31	Alp Gru	1.7340	15200.	67	37924	No
86	GOM_NL__2PRFIN20090601_111401_000000352079_00295_37924_9795.N1	01-JUN-2009 11:14:01	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37924	No
87	GOM_NL__2PRFIN20090601_111543_000000372079_00295_37924_9796.N1	01-JUN-2009 11:15:43	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37924	No
88	GOM_NL__2PRFIN20090601_112204_000000322079_00295_37924_9797.N1	01-JUN-2009 11:22:04	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37924	No
89	GOM_NL__2PRFIN20090601_112355_000000302079_00295_37924_9798.N1	01-JUN-2009 11:23:55	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37924	No
90	GOM_NL__2PRFIN20090601_113412_000000322079_00295_37924_9799.N1	01-JUN-2009 11:34:12	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37924	No
91	GOM_NL__2PRFIN20090601_113737_000000332079_00295_37924_9800.N1	01-JUN-2009 11:37:37	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37924	No
92	GOM_NL__2PRFIN20090601_114505_000000332079_00295_37924_9801.N1	01-JUN-2009 11:45:05	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37924	No
93	GOM_NL__2PRFIN20090601_115557_000000312079_00295_37924_9802.N1	01-JUN-2009 11:55:57	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37924	No
94	GOM_NL__2PRFIN20090601_120104_000000252079_00295_37924_9803.N1	01-JUN-2009 12:01:04	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37924	No
95	GOM_NL__2PRFIN20090601_121129_000000282079_00295_37924_9804.N1	01-JUN-2009 12:11:29	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37924	No
96	GOM_NL__2PRFIN20090601_121628_000000292079_00295_37924_9805.N1	01-JUN-2009 12:16:28	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37924	No
97	GOM_NL__2PRFIN20090601_123416_000000392079_00295_37924_9806.N1	01-JUN-2009 12:34:16	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37924	No
98	GOM_NL__2PRFIN20090601_123925_000000352079_00296_37925_9808.N1	01-JUN-2009 12:39:25	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37925	No
99	GOM_NL__2PRFIN20090601_125438_000000352079_00296_37925_9809.N1	01-JUN-2009 12:54:38	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37925	No
100	GOM_NL__2PRFIN20090601_125619_000000372079_00296_37925_9810.N1	01-JUN-2009 12:56:19	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37925	No
101	GOM_NL__2PRFIN20090601_130240_000000322079_00296_37925_9811.N1	01-JUN-2009 13:02:40	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37925	No

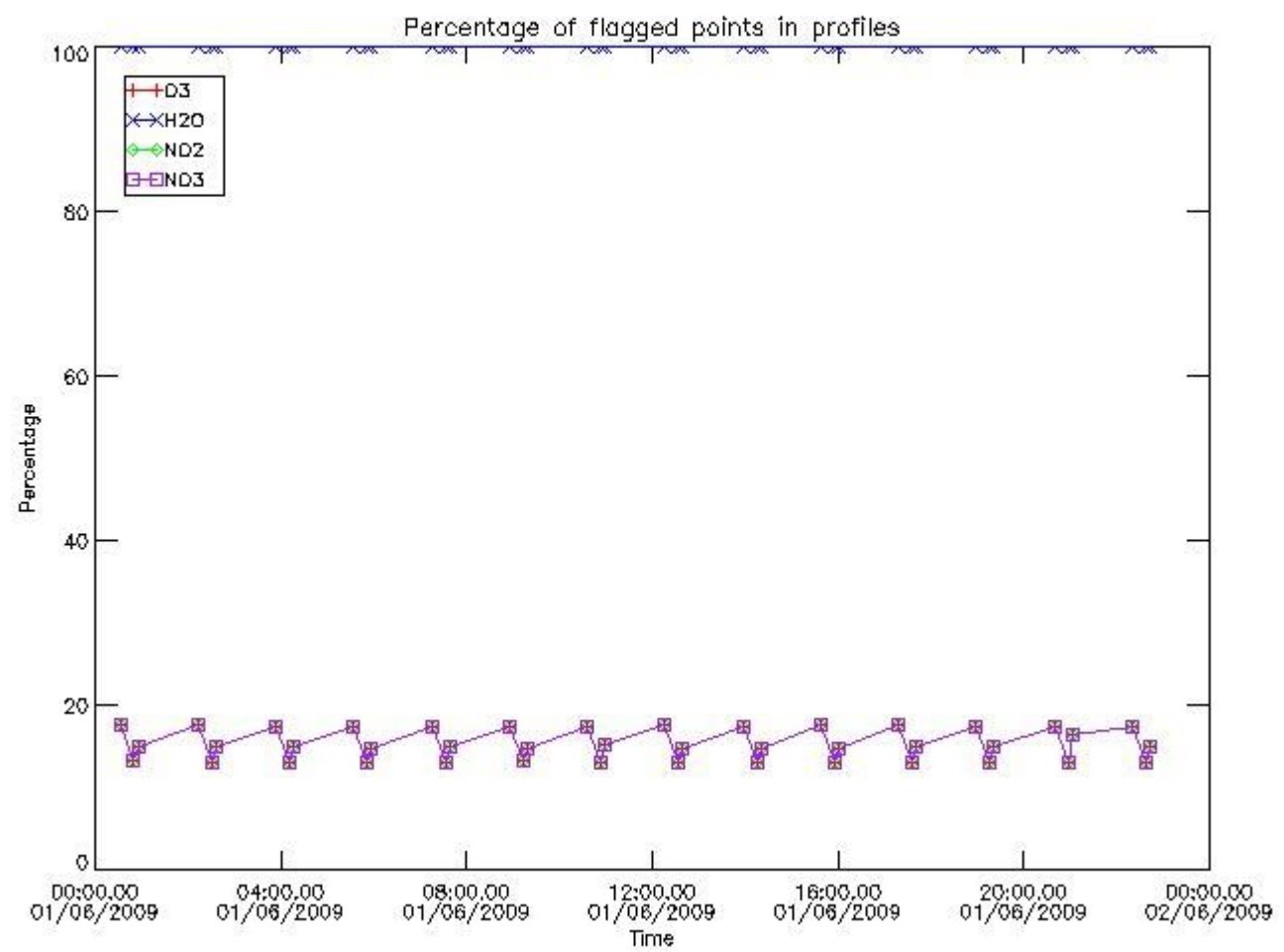
102	GOM_NL__2PRFIN20090601_130434_000000262079_00296_37925_9812.N1	01-JUN-2009 13:04:34	Bright	26.000	98	13Zet Oph	2.5710	30000.	52	37925	No
103	GOM_NL__2PRFIN20090601_131448_000000322079_00296_37925_9813.N1	01-JUN-2009 13:14:48	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37925	No
104	GOM_NL__2PRFIN20090601_131813_000000332079_00296_37925_9814.N1	01-JUN-2009 13:18:13	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37925	No
105	GOM_NL__2PRFIN20090601_132540_000000332079_00296_37925_9815.N1	01-JUN-2009 13:25:40	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37925	No
106	GOM_NL__2PRFIN20090601_133632_000000312079_00296_37925_9816.N1	01-JUN-2009 13:36:32	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37925	No
107	GOM_NL__2PRFIN20090601_134140_000000252079_00296_37925_9817.N1	01-JUN-2009 13:41:40	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37925	No
108	GOM_NL__2PRFIN20090601_135206_000000282079_00296_37925_9818.N1	01-JUN-2009 13:52:06	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37925	No
109	GOM_NL__2PRFIN20090601_135705_000000302079_00296_37925_9819.N1	01-JUN-2009 13:57:05	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37925	No
110	GOM_NL__2PRFIN20090601_141453_000000392079_00296_37925_9820.N1	01-JUN-2009 14:14:53	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37925	No
111	GOM_NL__2PRFIN20090601_142001_000000352079_00297_37926_9822.N1	01-JUN-2009 14:20:01	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37926	No
112	GOM_NL__2PRFIN20090601_143515_000000352079_00297_37926_9823.N1	01-JUN-2009 14:35:15	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37926	No
113	GOM_NL__2PRFIN20090601_143656_000000362079_00297_37926_9824.N1	01-JUN-2009 14:36:56	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37926	No
114	GOM_NL__2PRFIN20090601_144316_000000322079_00297_37926_9825.N1	01-JUN-2009 14:43:16	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37926	No
115	GOM_NL__2PRFIN20090601_145524_000000312079_00297_37926_9826.N1	01-JUN-2009 14:55:24	Bright	31.000	127	27Bet Her	2.7810	4700.0	62	37926	No
116	GOM_NL__2PRFIN20090601_145849_000000322079_00297_37926_9827.N1	01-JUN-2009 14:58:49	Bright	32.000	133	40Zet Her	2.8070	6000.0	64	37926	No
117	GOM_NL__2PRFIN20090601_150616_000000332079_00297_37926_9828.N1	01-JUN-2009 15:06:16	Bright	32.500	130	23Bet Dra	2.7990	5800.0	65	37926	No
118	GOM_NL__2PRFIN20090601_151707_000000312079_00297_37926_9829.N1	01-JUN-2009 15:17:07	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37926	No
119	GOM_NL__2PRFIN20090601_152216_000000252079_00297_37926_9830.N1	01-JUN-2009 15:22:16	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37926	No
120	GOM_NL__2PRFIN20090601_153242_000000282079_00297_37926_9831.N1	01-JUN-2009 15:32:42	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37926	No
121	GOM_NL__2PRFIN20090601_153742_000000292079_00297_37926_9832.N1	01-JUN-2009 15:37:42	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37926	No
122	GOM_NL__2PRFIN20090601_155530_000000392079_00297_37926_9833.N1	01-JUN-2009 15:55:30	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37926	No
123	GOM_NL__2PRFIN20090601_160038_000000352079_00298_37927_9836.N1	01-JUN-2009 16:00:38	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37927	No
124	GOM_NL__2PRFIN20090601_161551_000000352079_00298_37927_9837.N1	01-JUN-2009 16:15:51	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37927	No
125	GOM_NL__2PRFIN20090601_161732_000000362079_00298_37927_9838.N1	01-JUN-2009 16:17:32	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37927	No
126	GOM_NL__2PRFIN20090601_162352_000000322079_00298_37927_9839.N1	01-JUN-2009 16:23:52	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37927	No
127	GOM_NL__2PRFIN20090601_163559_000000322079_00298_37927_9840.N1	01-JUN-2009 16:35:59	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37927	No
128	GOM_NL__2PRFIN20090601_163924_000000332079_00298_37927_9841.N1	01-JUN-2009 16:39:24	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37927	No
129	GOM_NL__2PRFIN20090601_164651_000000332079_00298_37927_9842.N1	01-JUN-2009 16:46:51	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37927	No
130	GOM_NL__2PRFIN20090601_165743_000000322079_00298_37927_9843.N1	01-JUN-2009 16:57:43	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37927	No
131	GOM_NL__2PRFIN20090601_170252_000000252079_00298_37927_9844.N1	01-JUN-2009 17:02:52	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37927	No
132	GOM_NL__2PRFIN20090601_171318_000000282079_00298_37927_9845.N1	01-JUN-2009 17:13:18	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37927	No
133	GOM_NL__2PRFIN20090601_171818_000000292079_00298_37927_9846.N1	01-JUN-2009 17:18:18	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37927	No
134	GOM_NL__2PRFIN20090601_173607_000000392079_00298_37927_9847.N1	01-JUN-2009 17:36:07	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37927	No
135	GOM_NL__2PRFIN20090601_174116_000000342079_00299_37928_9850.N1	01-JUN-2009 17:41:16	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37928	No
136	GOM_NL__2PRFIN20090601_175628_000000352079_00299_37928_9851.N1	01-JUN-2009 17:56:28	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37928	No
137	GOM_NL__2PRFIN20090601_175809_000000362079_00299_37928_9852.N1	01-JUN-2009 17:58:09	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37928	No
138	GOM_NL__2PRFIN20090601_180428_000000322079_00299_37928_9853.N1	01-JUN-2009 18:04:28	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37928	No
139	GOM_NL__2PRFIN20090601_181635_000000322079_00299_37928_9854.N1	01-JUN-2009 18:16:35	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37928	No
140	GOM_NL__2PRFIN20090601_181959_000000332079_00299_37928_9855.N1	01-JUN-2009 18:19:59	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37928	No
141	GOM_NL__2PRFIN20090601_182726_000000332079_00299_37928_9856.N1	01-JUN-2009 18:27:26	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37928	No
142	GOM_NL__2PRFIN20090601_183818_000000312079_00299_37928_9857.N1	01-JUN-2009 18:38:18	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37928	No
143	GOM_NL__2PRFIN20090601_184327_000000252079_00299_37928_9858.N1	01-JUN-2009 18:43:27	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37928	No
144	GOM_NL__2PRFIN20090601_185354_000000282079_00299_37928_9859.N1	01-JUN-2009 18:53:54	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37928	No
145	GOM_NL__2PRFIN20090601_185854_000000302079_00299_37928_9860.N1	01-JUN-2009 18:58:54	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37928	No
146	GOM_NL__2PRFIN20090601_191645_000000392079_00299_37928_9861.N1	01-JUN-2009 19:16:45	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37928	No
147	GOM_NL__2PRFIN20090601_192153_000000342079_00300_37929_9894.N1	01-JUN-2009 19:21:53	Dark	33.500	31	Alp Gru	1.7340	15200.	67	37929	No
148	GOM_NL__2PRFIN20090601_193704_000000352079_00300_37929_9895.N1	01-JUN-2009 19:37:04	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37929	No
149	GOM_NL__2PRFIN20090601_193845_000000362079_00300_37929_9896.N1	01-JUN-2009 19:38:45	Tw_i_and_stray	36.000	116	19Del Sgr	2.7000	4100.0	72	37929	No
150	GOM_NL__2PRFIN20090601_194504_000000322079_00300_37929_9897.N1	01-JUN-2009 19:45:04	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37929	No
151	GOM_NL__2PRFIN20090601_195710_000000322079_00300_37929_9898.N1	01-JUN-2009 19:57:10	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37929	No
152	GOM_NL__2PRFIN20090601_200035_000000332079_00300_37929_9899.N1	01-JUN-2009 20:00:35	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37929	No
153	GOM_NL__2PRFIN20090601_200801_000000332079_00300_37929_9900.N1	01-JUN-2009 20:08:01	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37929	No
154	GOM_NL__2PRFIN20090601_201854_000000312079_00300_37929_9901.N1	01-JUN-2009 20:18:54	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37929	No
155	GOM_NL__2PRFIN20090601_202403_000000252079_00300_37929_9902.N1	01-JUN-2009 20:24:03	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37929	No
156	GOM_NL__2PRFIN20090601_203430_000000282079_00300_37929_9903.N1	01-JUN-2009 20:34:30	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37929	No
157	GOM_NL__2PRFIN20090601_203931_000000292079_00300_37929_9904.N1	01-JUN-2009 20:39:31	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37929	No
158	GOM_NL__2PRFIN20090601_205722_000000392079_00300_37929_9905.N1	01-JUN-2009 20:57:22	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37929	No
159	GOM_NL__2PRFIN20090601_210229_000000342079_00301_37930_9912.N1	01-JUN-2009 21:02:29	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37930	No
160	GOM_NL__2PRFIN20090601_211740_000000352079_00301_37930_9913.N1	01-JUN-2009 21:17:40	Tw_i_and_stray	34.500	38	20Eps Sgr	1.8360	11000.	69	37930	No

161	GOM_NL__2PRFIN20090601_211921_000000362079_00301_37930_9914.N1	01-JUN-2009 21:19:21	Twilight	36.000	116	19Del Sgr	2.7000	4100.0	72	37930	No
162	GOM_NL__2PRFIN20090601_212540_000000322079_00301_37930_9915.N1	01-JUN-2009 21:25:40	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37930	No
163	GOM_NL__2PRFIN20090601_213746_000000322079_00301_37930_9916.N1	01-JUN-2009 21:37:46	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37930	No
164	GOM_NL__2PRFIN20090601_214110_000000332079_00301_37930_9917.N1	01-JUN-2009 21:41:10	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37930	No
165	GOM_NL__2PRFIN20090601_214837_000000332079_00301_37930_9918.N1	01-JUN-2009 21:48:37	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37930	No
166	GOM_NL__2PRFIN20090601_215929_000000312079_00301_37930_9919.N1	01-JUN-2009 21:59:29	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37930	No
167	GOM_NL__2PRFIN20090601_220439_000000252079_00301_37930_9920.N1	01-JUN-2009 22:04:39	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37930	No
168	GOM_NL__2PRFIN20090601_221506_000000282079_00301_37930_9921.N1	01-JUN-2009 22:15:06	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37930	No
169	GOM_NL__2PRFIN20090601_222007_000000302079_00301_37930_9922.N1	01-JUN-2009 22:20:07	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37930	No
170	GOM_NL__2PRFIN20090601_223759_000000392079_00301_37930_9923.N1	01-JUN-2009 22:37:59	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37930	No
171	GOM_NL__2PRFIN20090601_224306_000000342079_00302_37931_9927.N1	01-JUN-2009 22:43:06	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37931	No
172	GOM_NL__2PRFIN20090601_225817_000000352079_00302_37931_9928.N1	01-JUN-2009 22:58:17	Twilight	34.500	38	20Eps Sgr	1.8360	11000.	69	37931	No
173	GOM_NL__2PRFIN20090601_225958_000000362079_00302_37931_9929.N1	01-JUN-2009 22:59:58	Twilight	36.000	116	19Del Sgr	2.7000	4100.0	72	37931	No
174	GOM_NL__2PRFIN20090601_230616_000000322079_00302_37931_9930.N1	01-JUN-2009 23:06:16	Bright	31.500	86	35Eta Oph	2.4300	10200.	63	37931	No
175	GOM_NL__2PRFIN20090601_231821_000000322079_00302_37931_9931.N1	01-JUN-2009 23:18:21	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37931	No
176	GOM_NL__2PRFIN20090601_232145_000000332079_00302_37931_9932.N1	01-JUN-2009 23:21:45	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37931	No
177	GOM_NL__2PRFIN20090601_232912_000000332079_00302_37931_9933.N1	01-JUN-2009 23:29:12	Bright	33.000	130	23Bet Dra	2.7990	5800.0	66	37931	No
178	GOM_NL__2PRFIN20090601_234004_000000312079_00302_37931_9934.N1	01-JUN-2009 23:40:04	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37931	No
179	GOM_NL__2PRFIN20090601_234514_000000252079_00302_37931_9935.N1	01-JUN-2009 23:45:14	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37931	No
180	GOM_NL__2PRFIN20090601_235542_000000282079_00302_37931_9936.N1	01-JUN-2009 23:55:42	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37931	No

3. Quality information per product

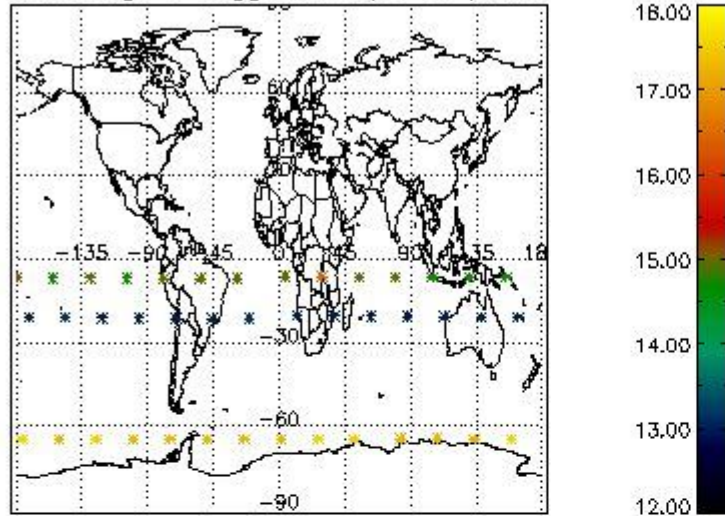
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

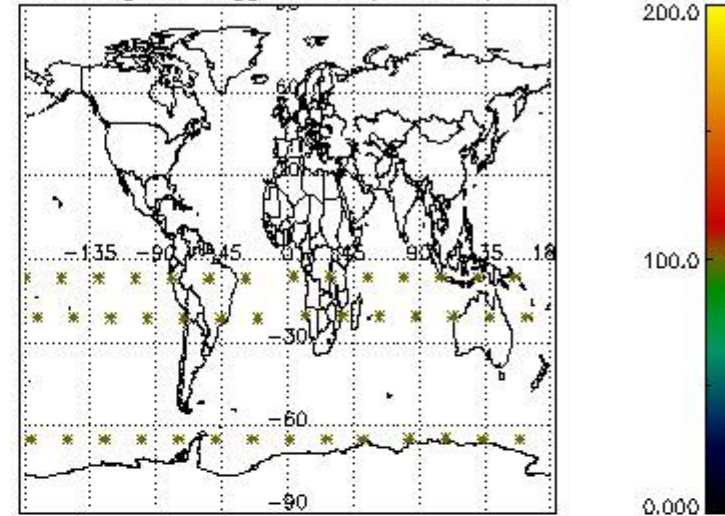


3.2 Plot quality information per product (world map)

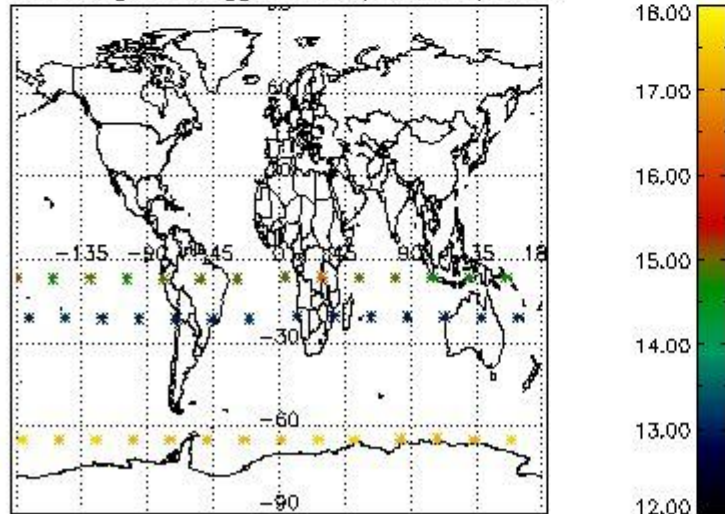
Percentage of flagged data per O3 profile



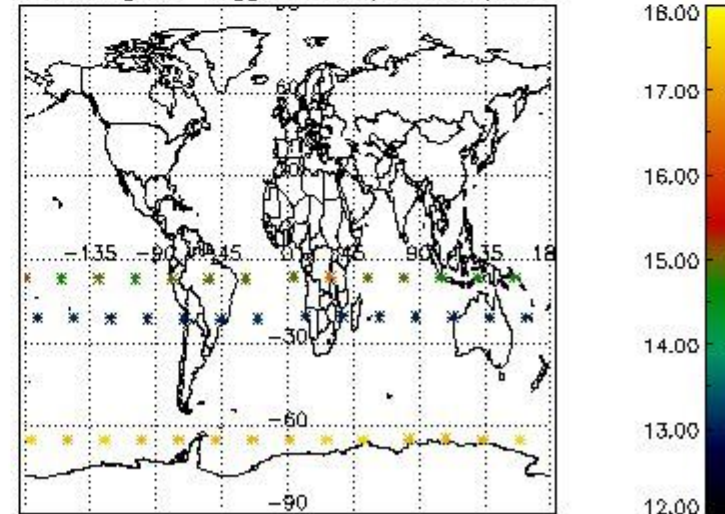
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

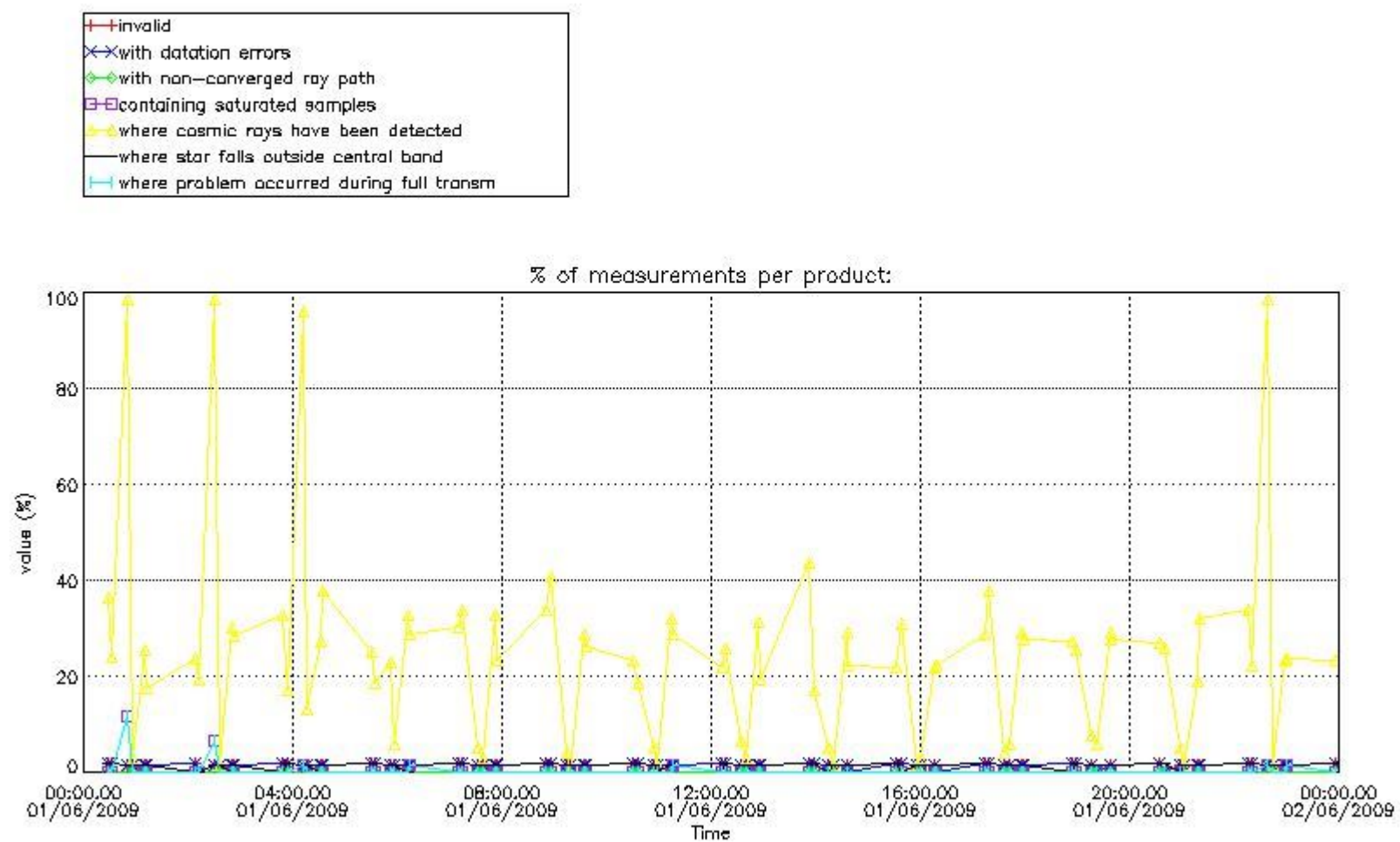


4. Level 1 quality information per product

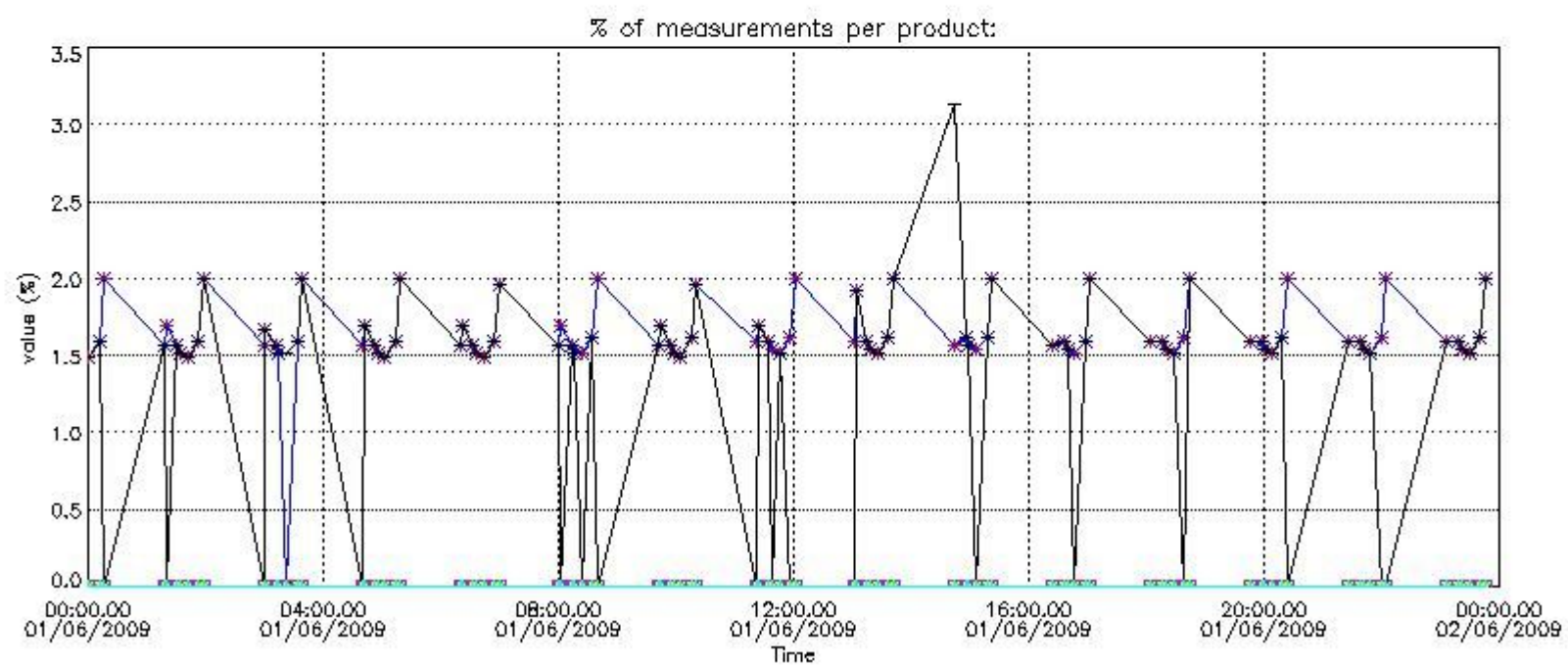
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

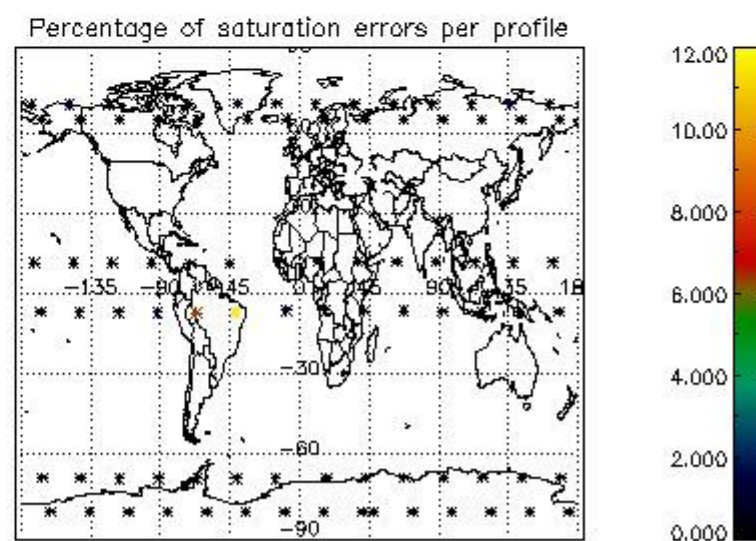
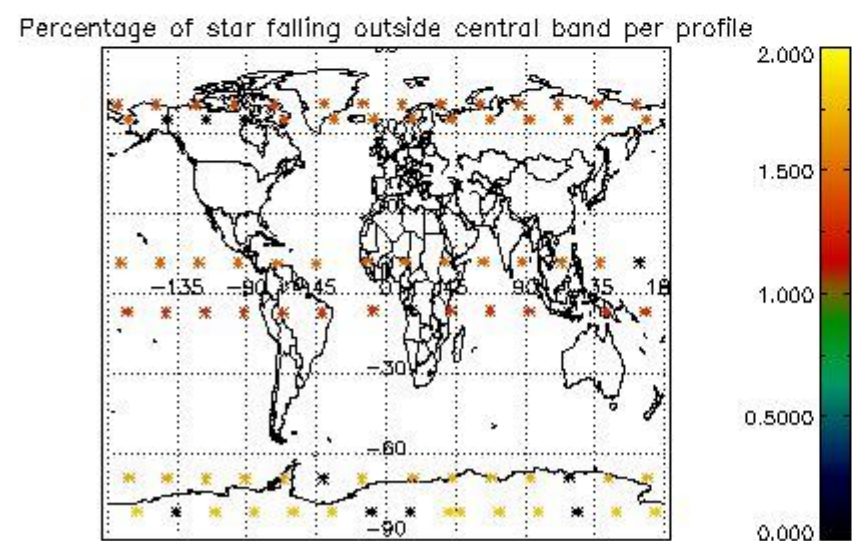
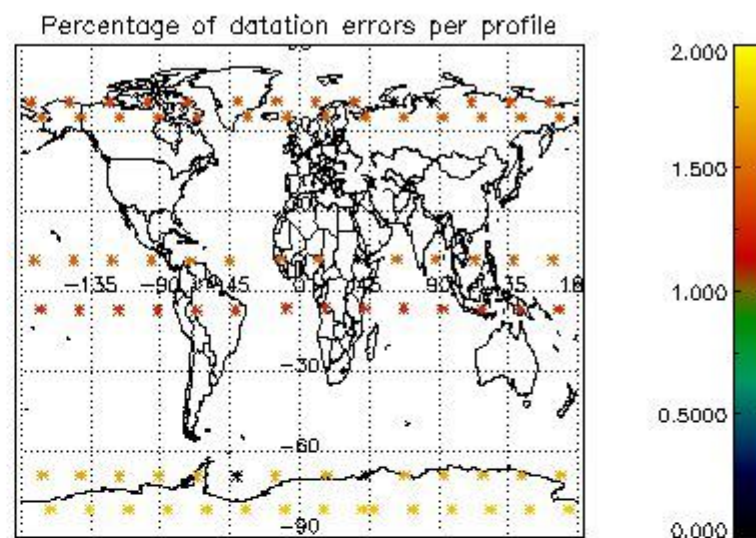
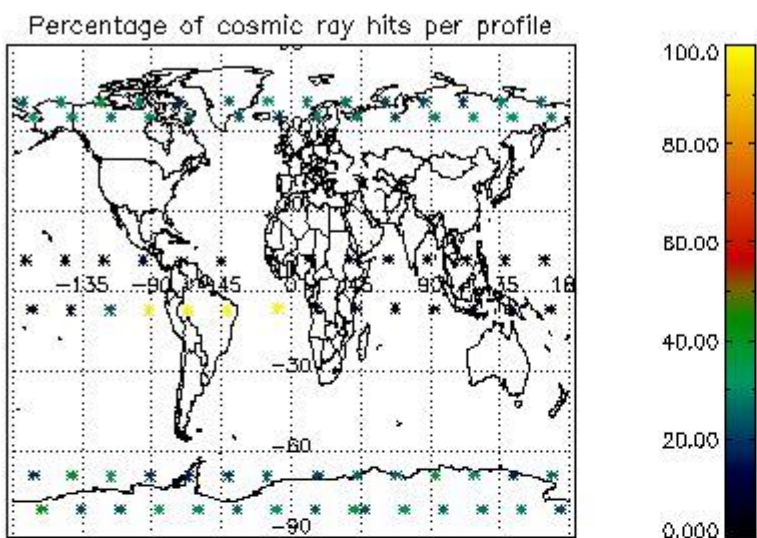


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

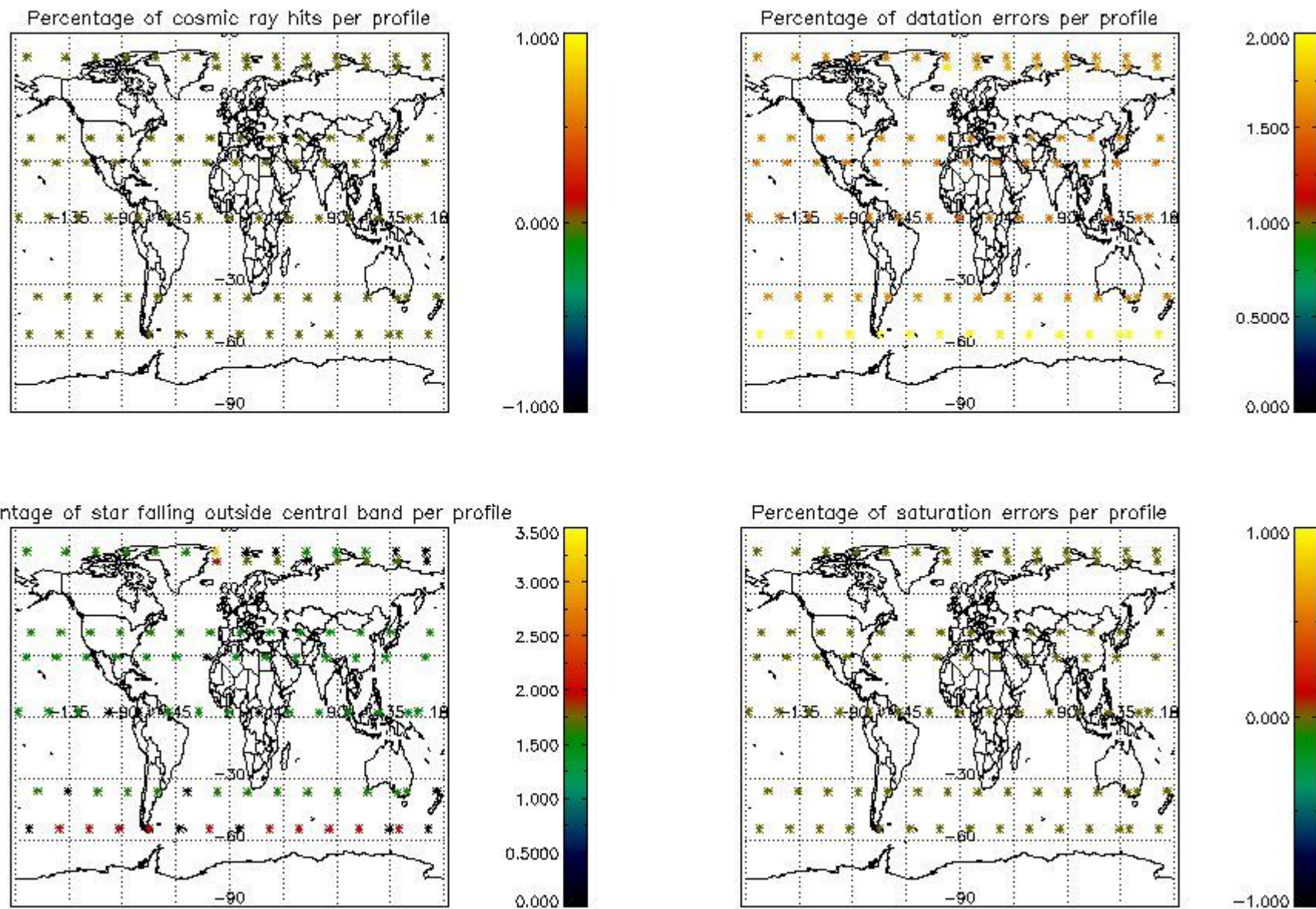


4.2 Plot quality information per product coming from level 1b processing (world map)

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

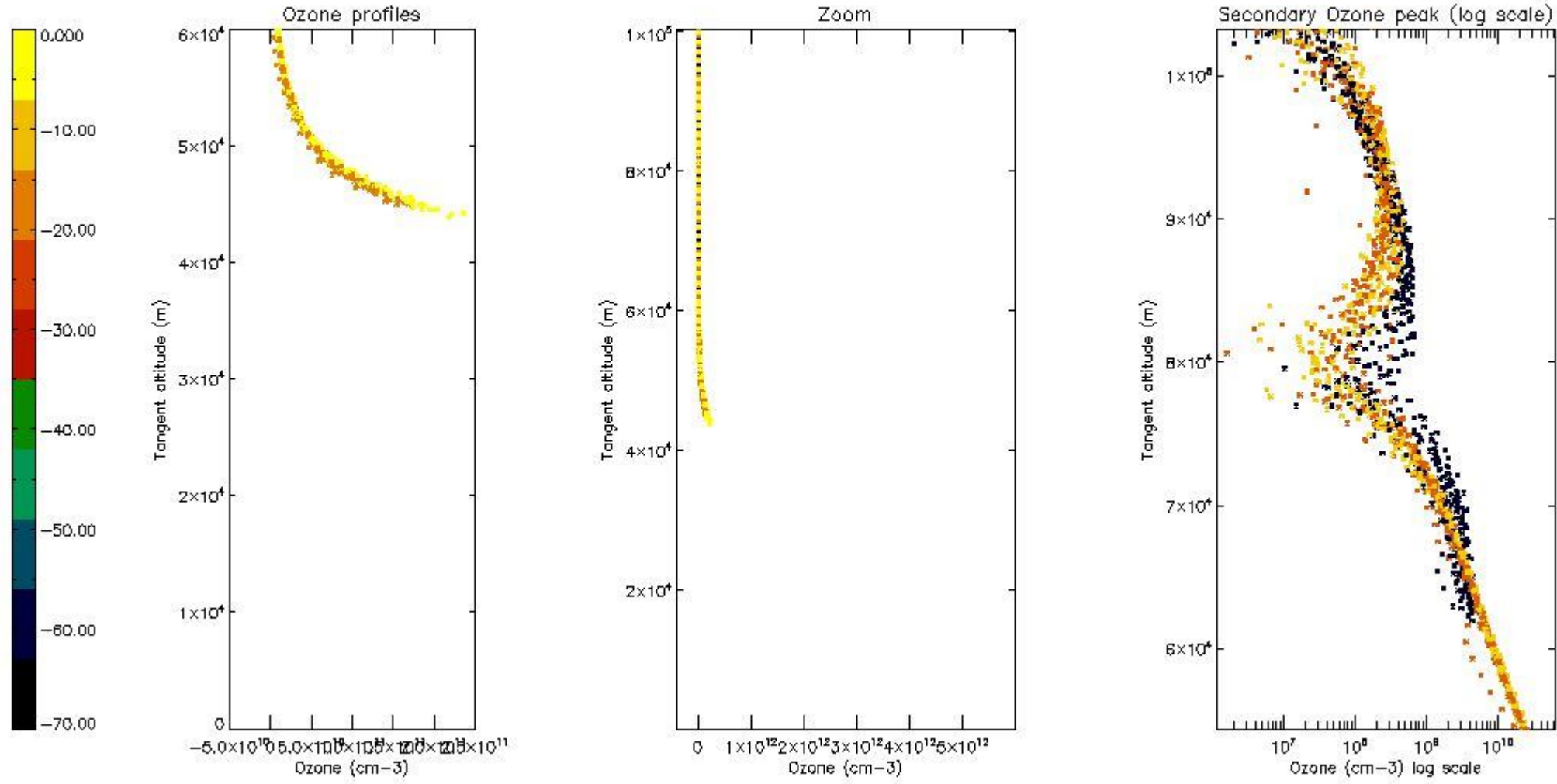
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	13

STD < 10	9
STD < 5	7

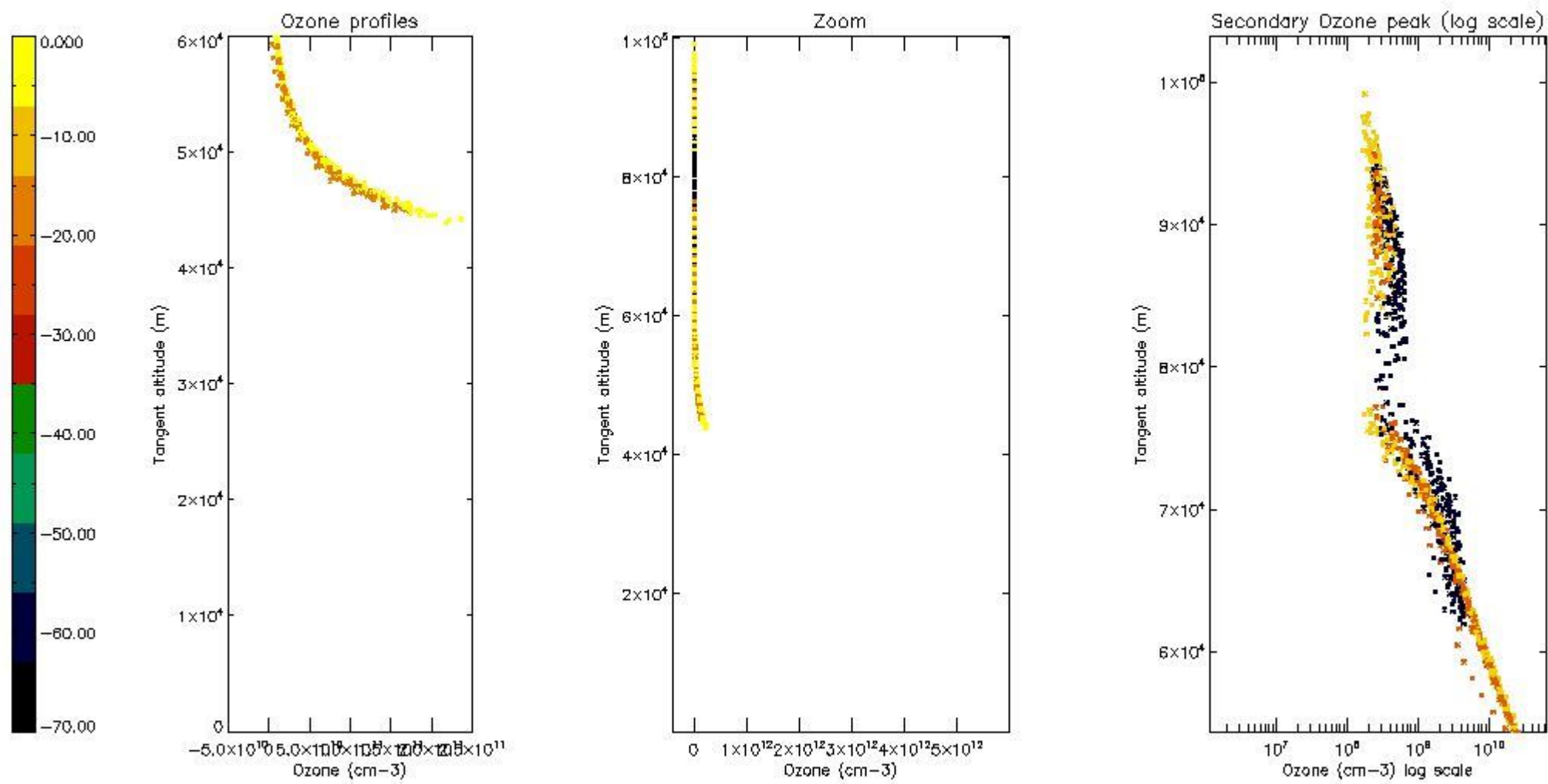
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



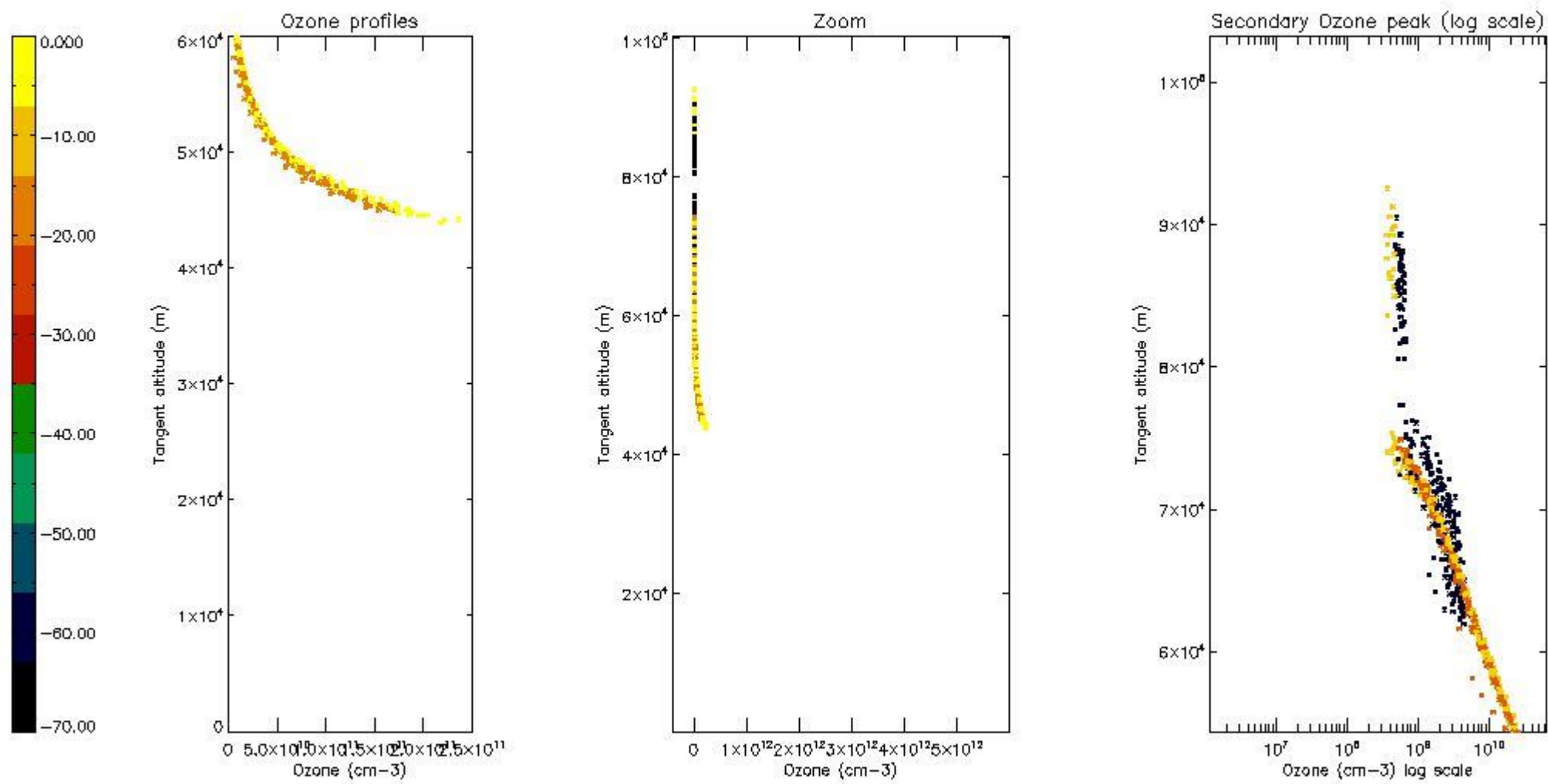
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



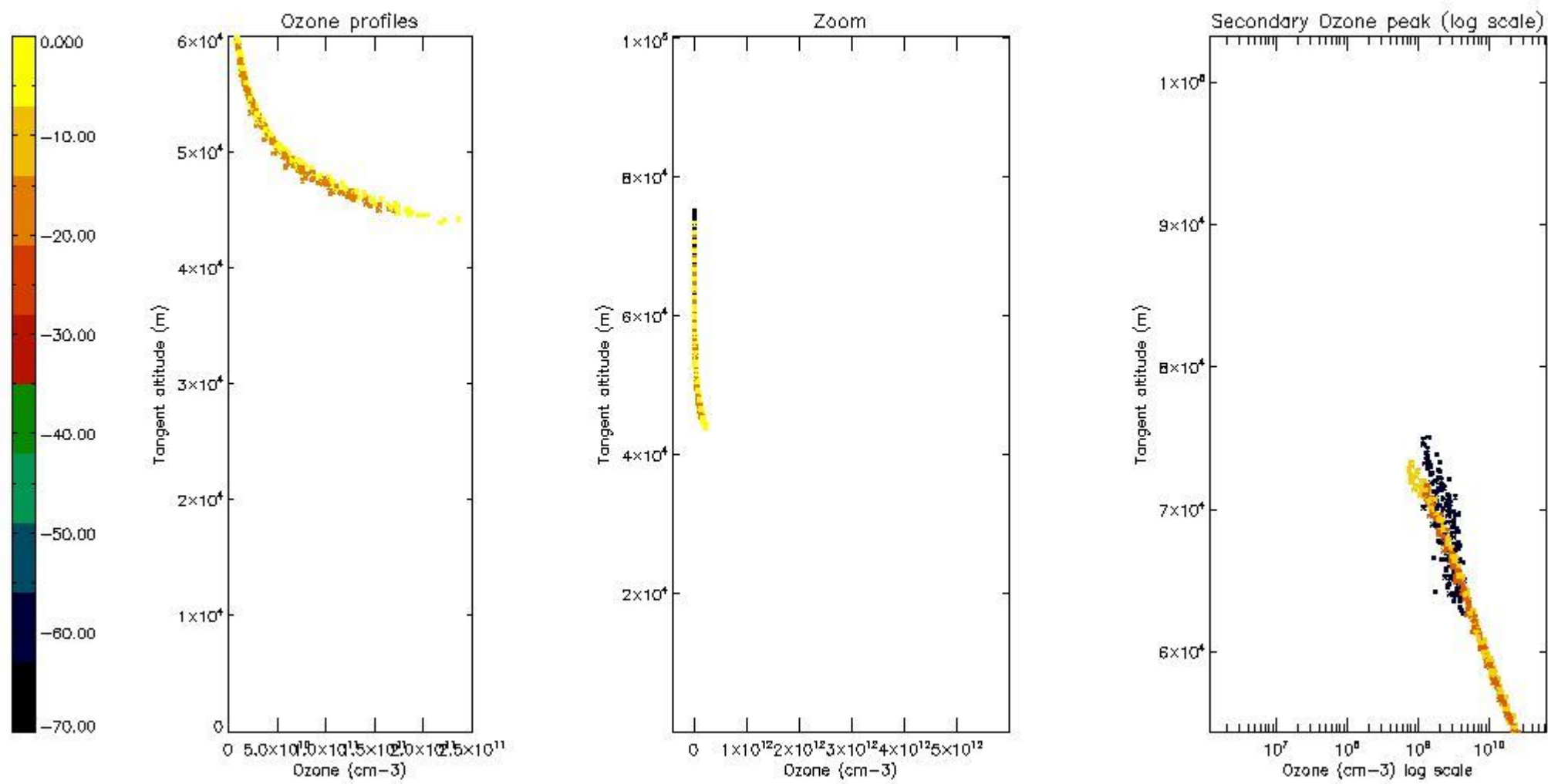
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



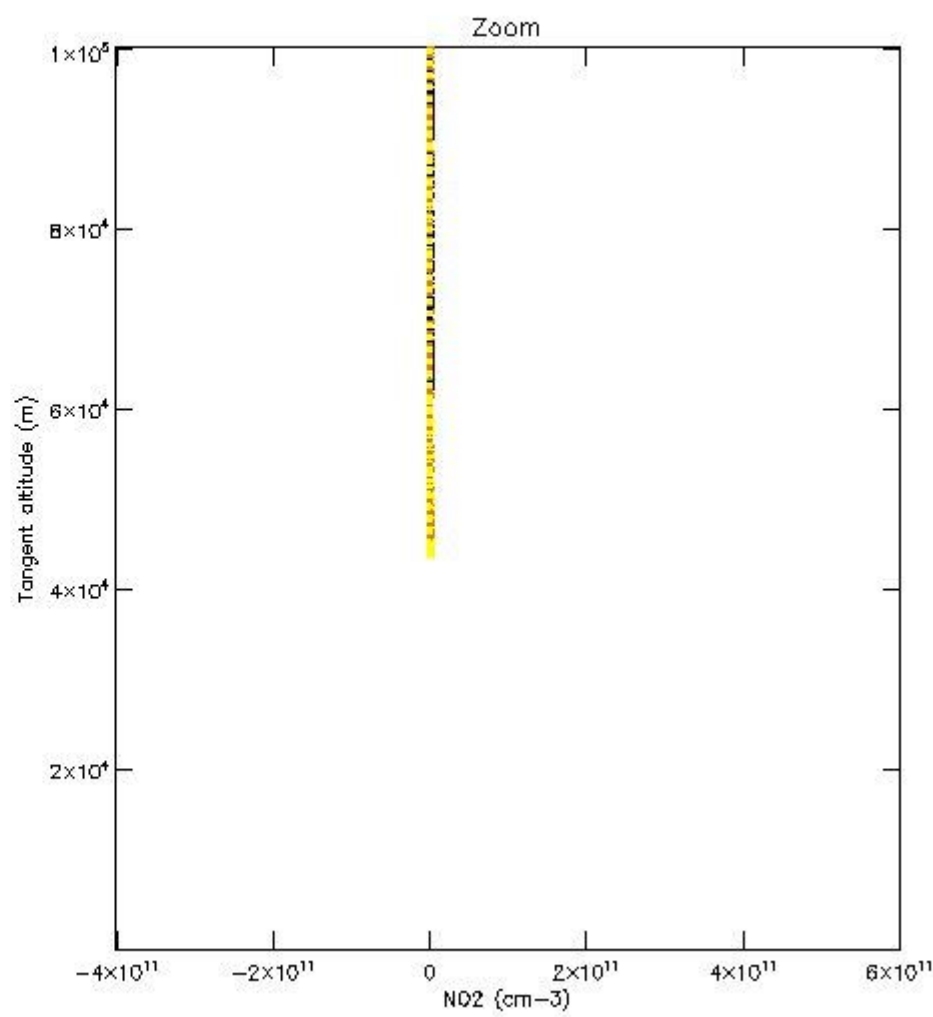
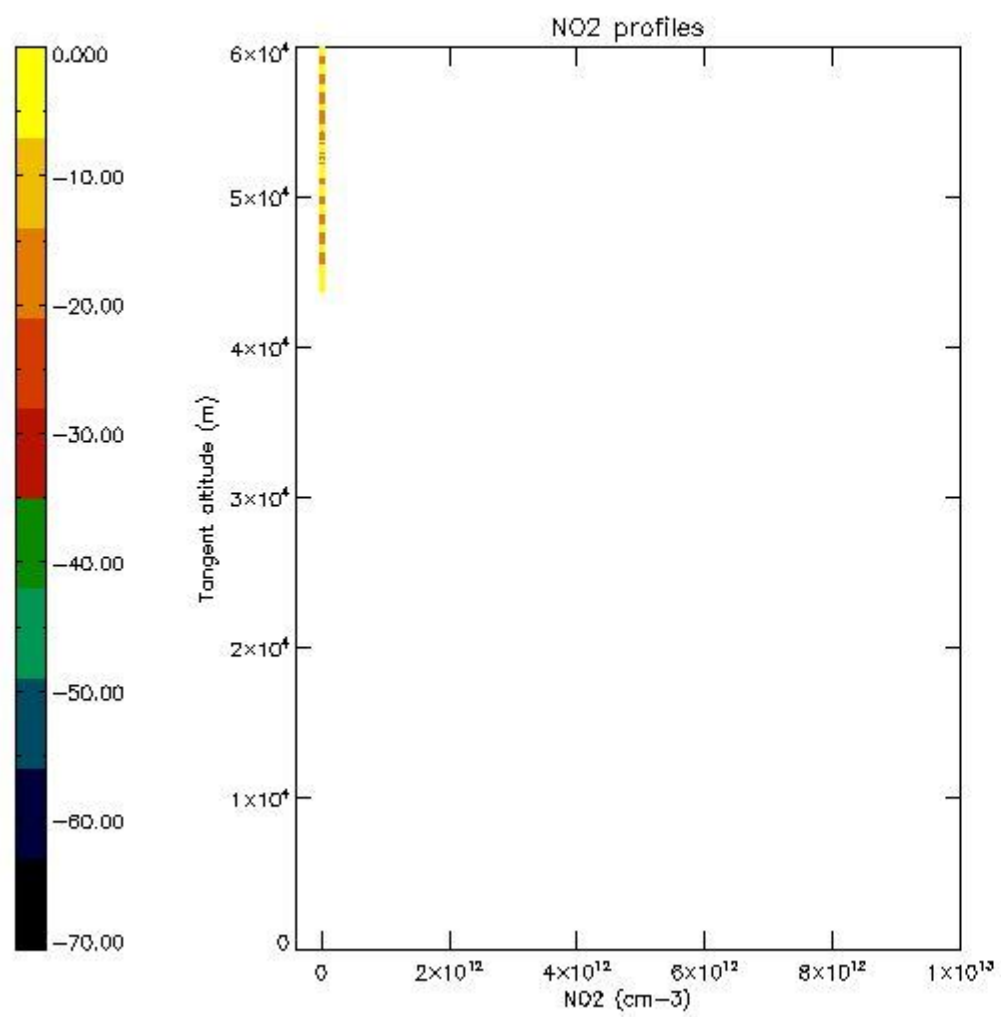
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



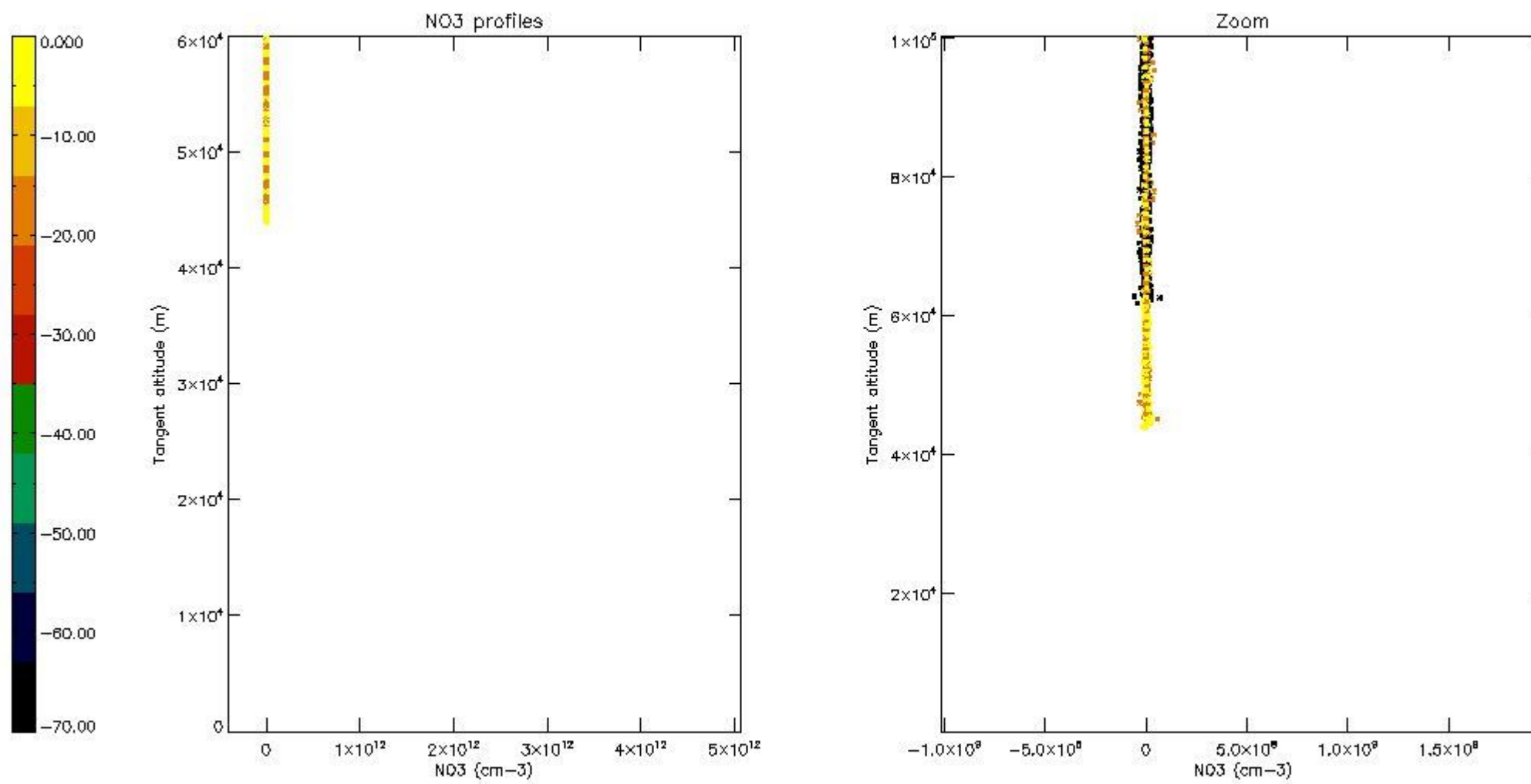
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

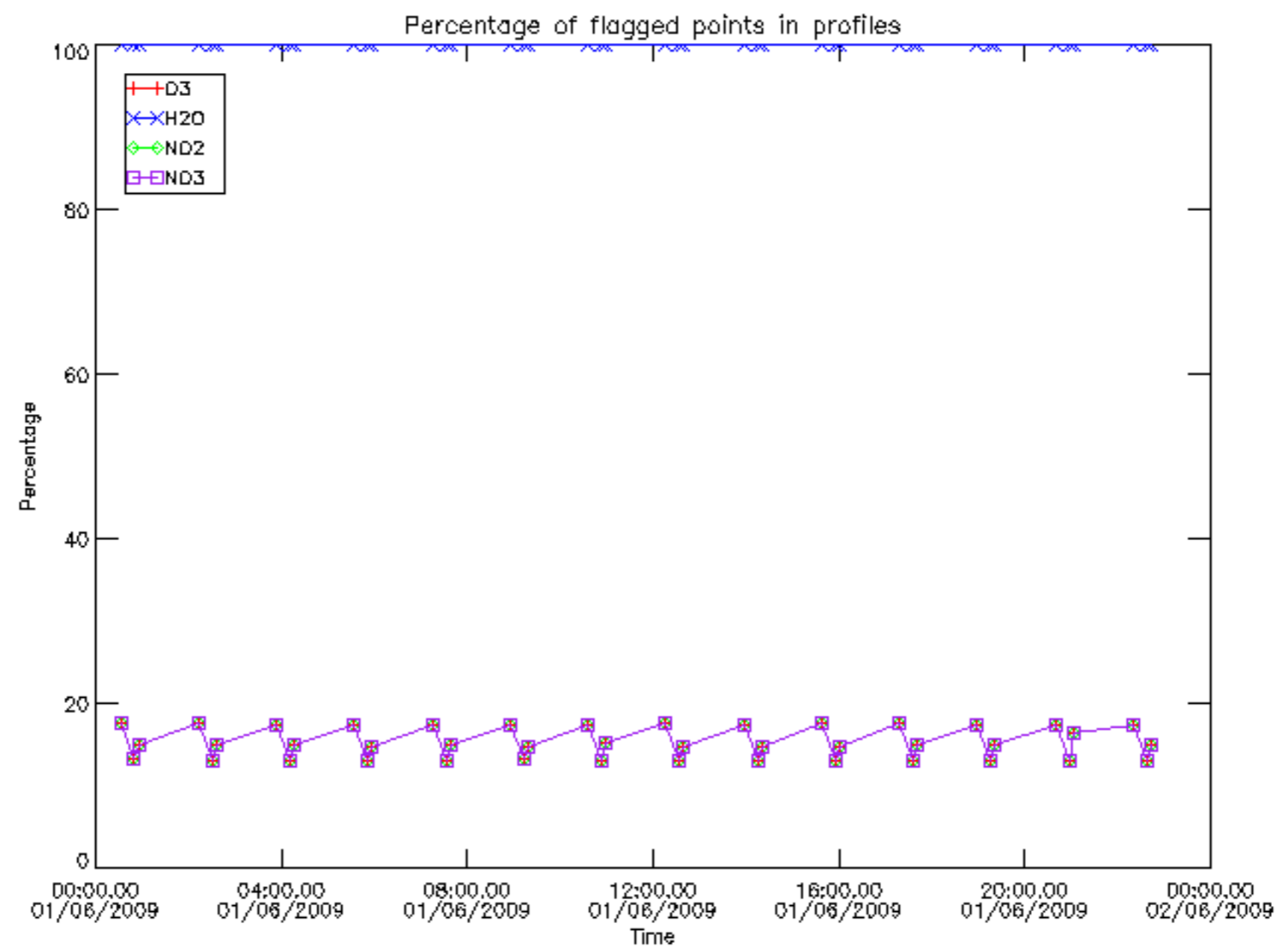
The colorbar represents the latitude.



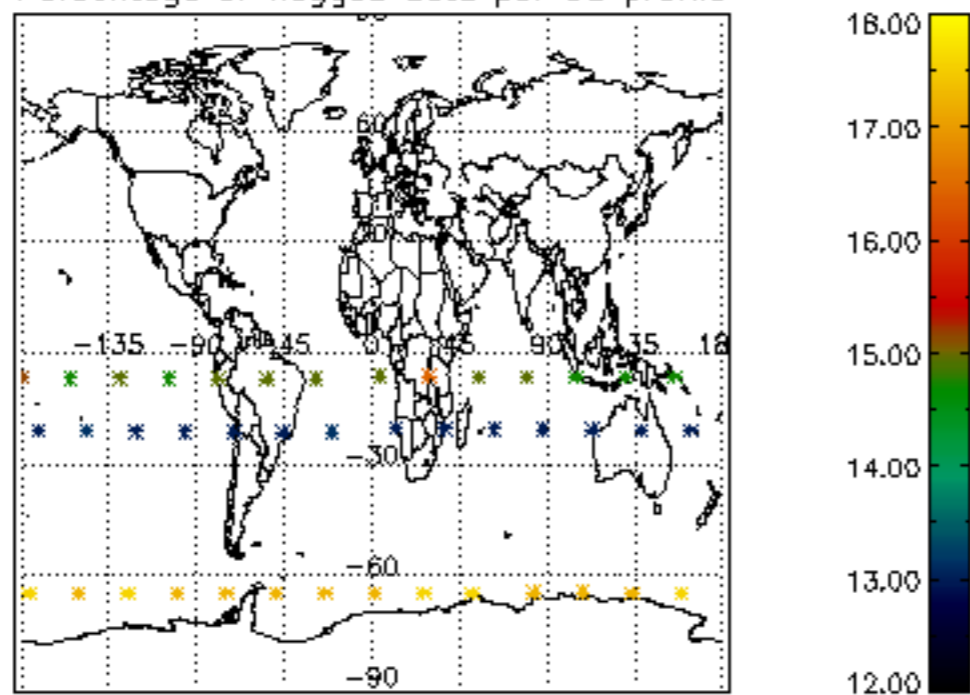
6. Auxiliary Data Files used for the production reported in section 2

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.

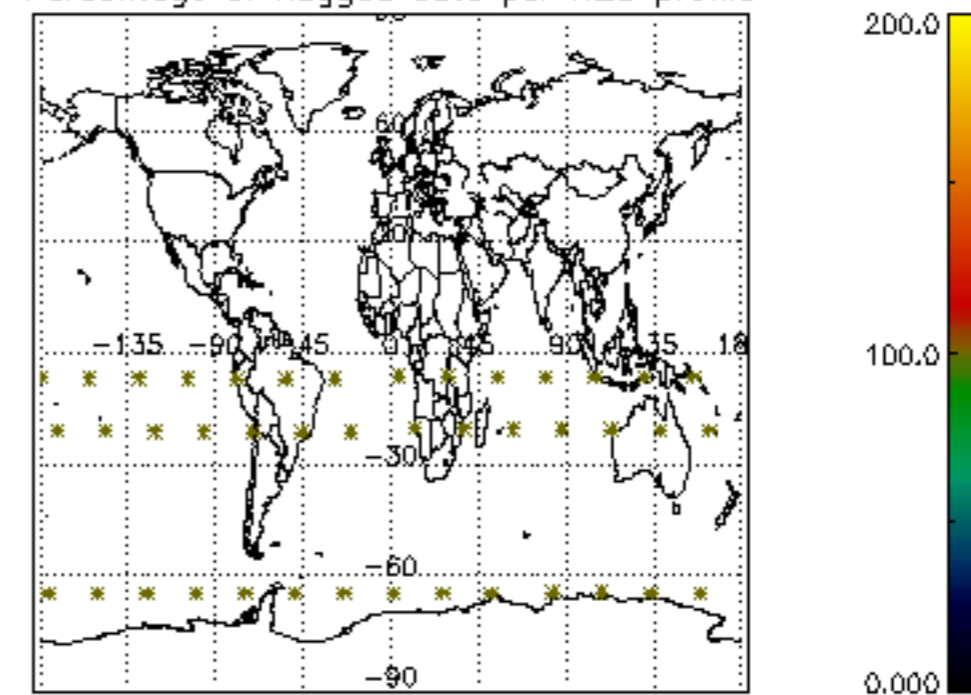
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-JUN-2009 00:00:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-JUN-2009 00:00:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-JUN-2009 00:00:58



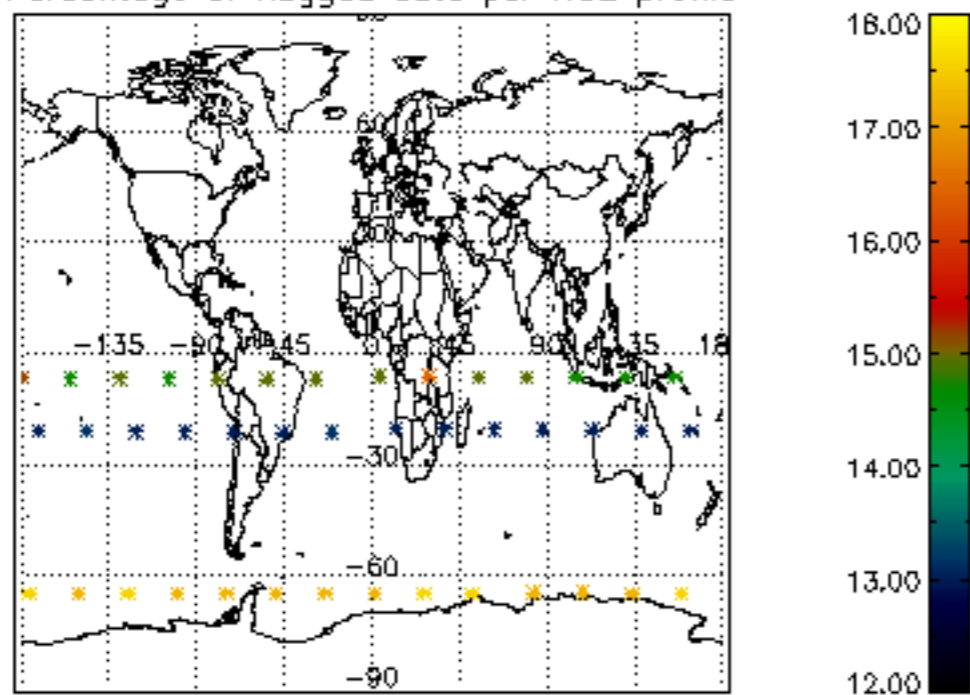
Percentage of flagged data per D3 profile



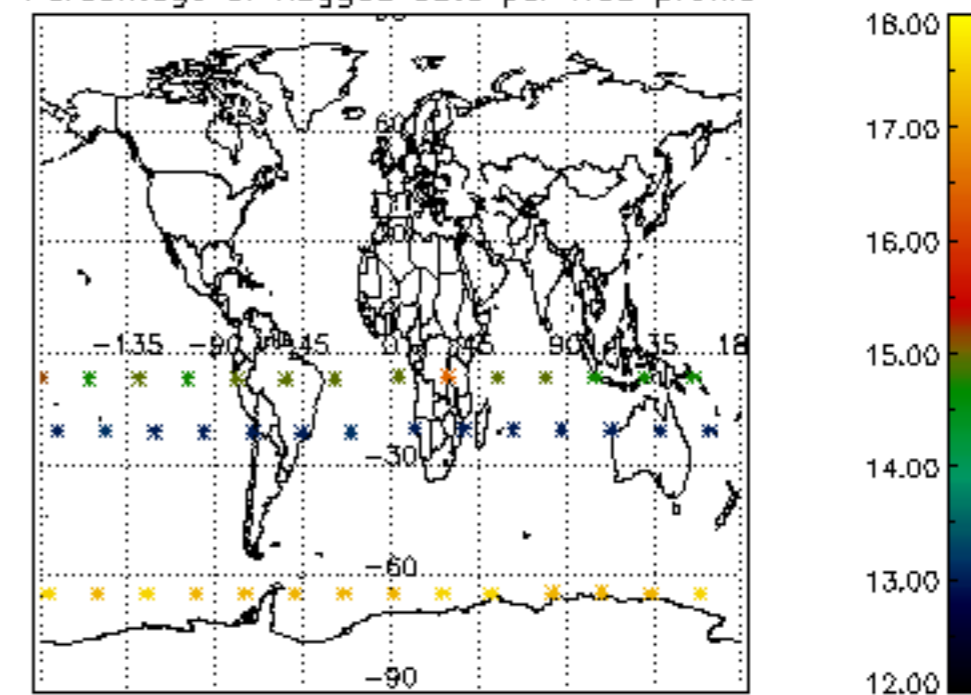
Percentage of flagged data per H2O profile

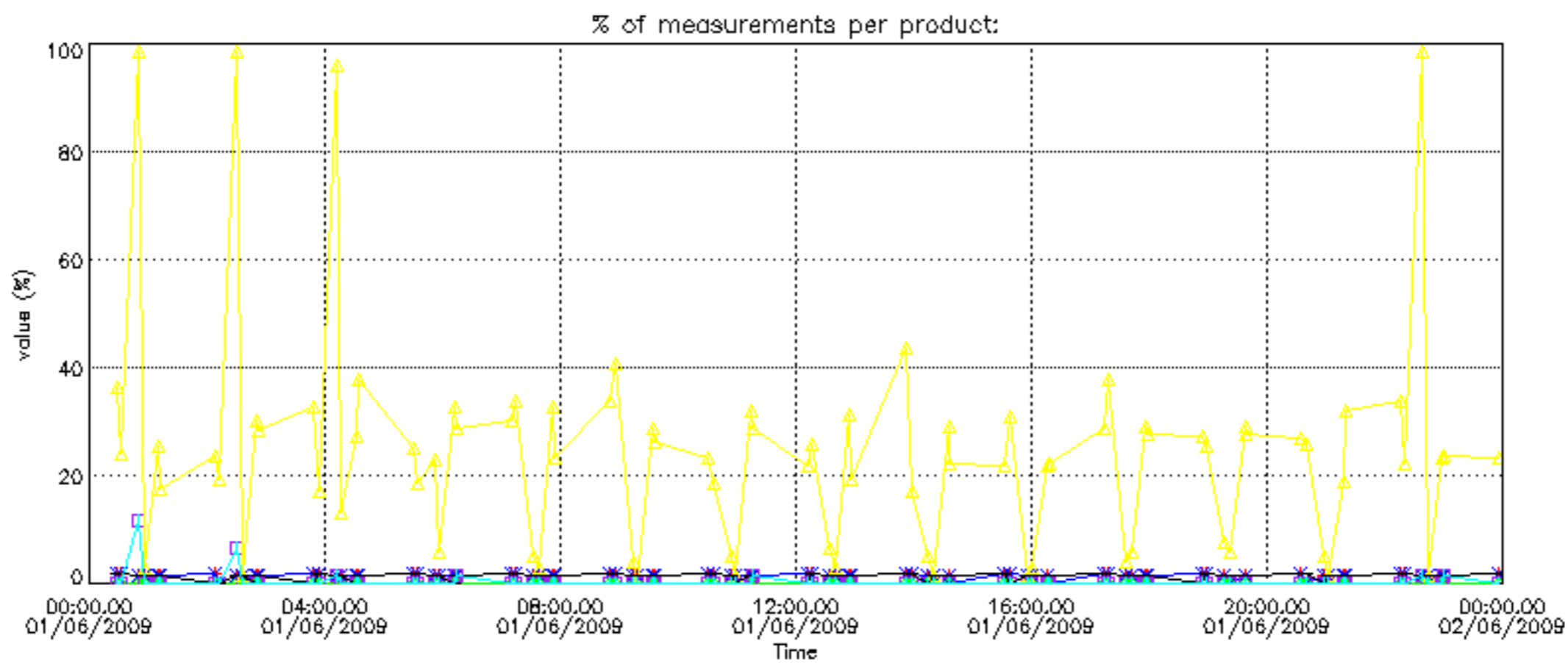


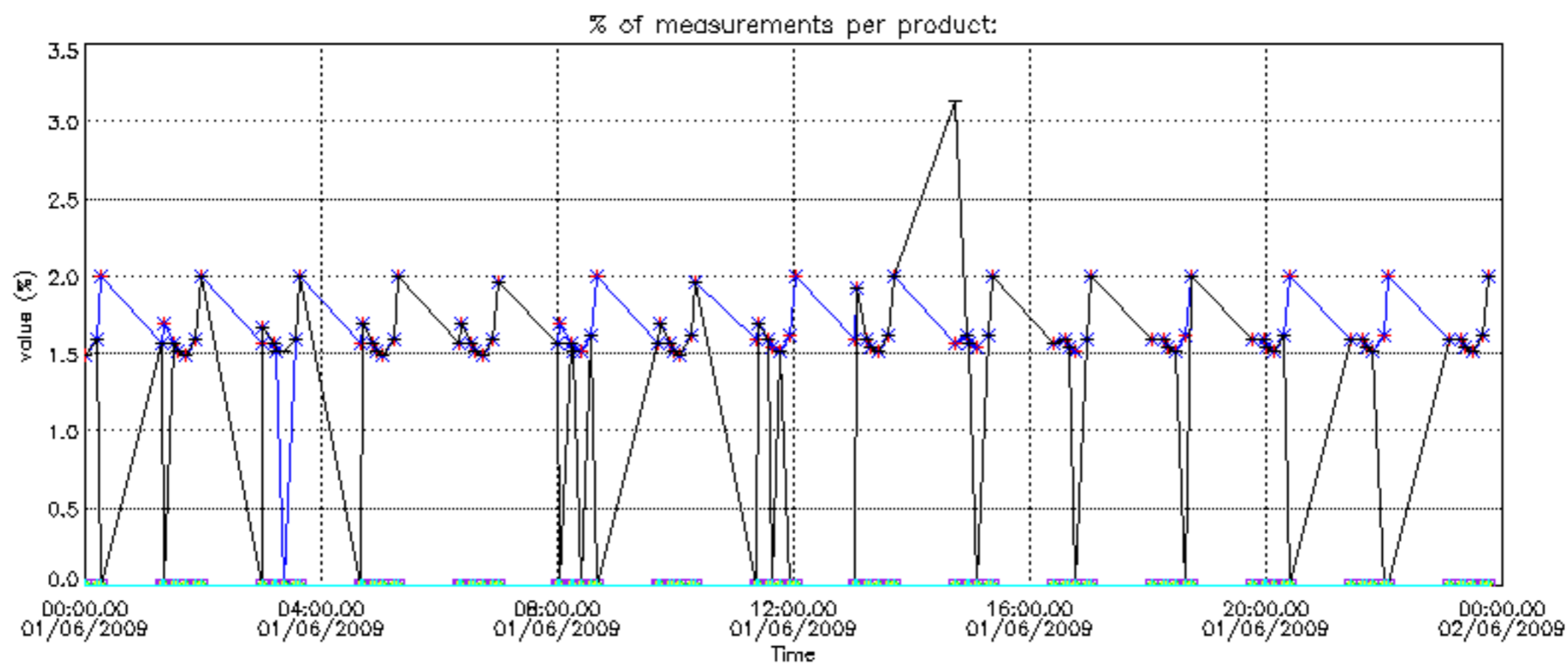
Percentage of flagged data per NO2 profile



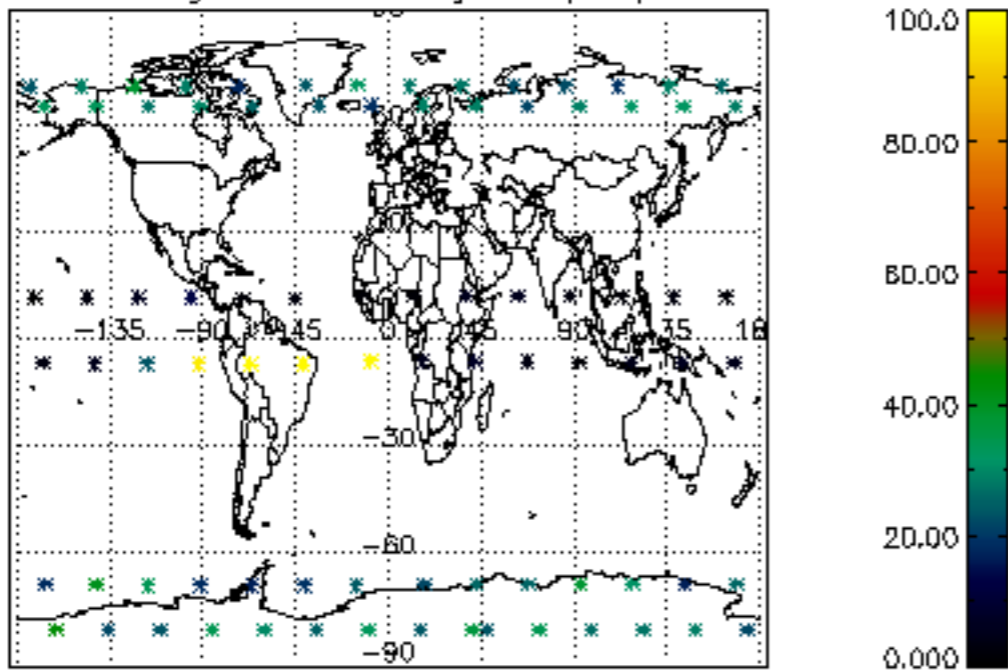
Percentage of flagged data per NO3 profile



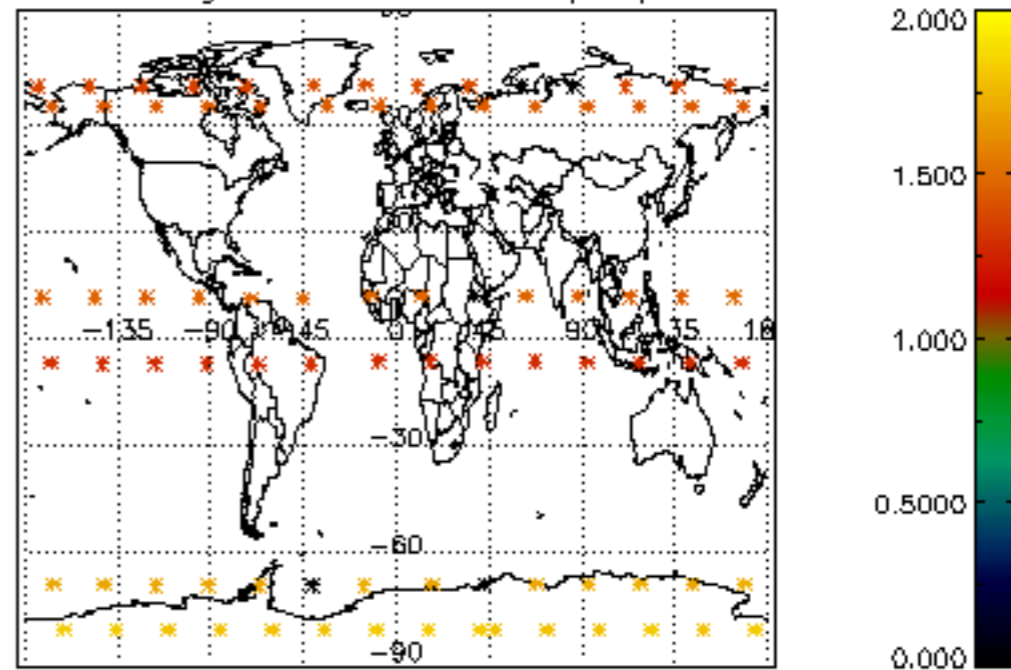




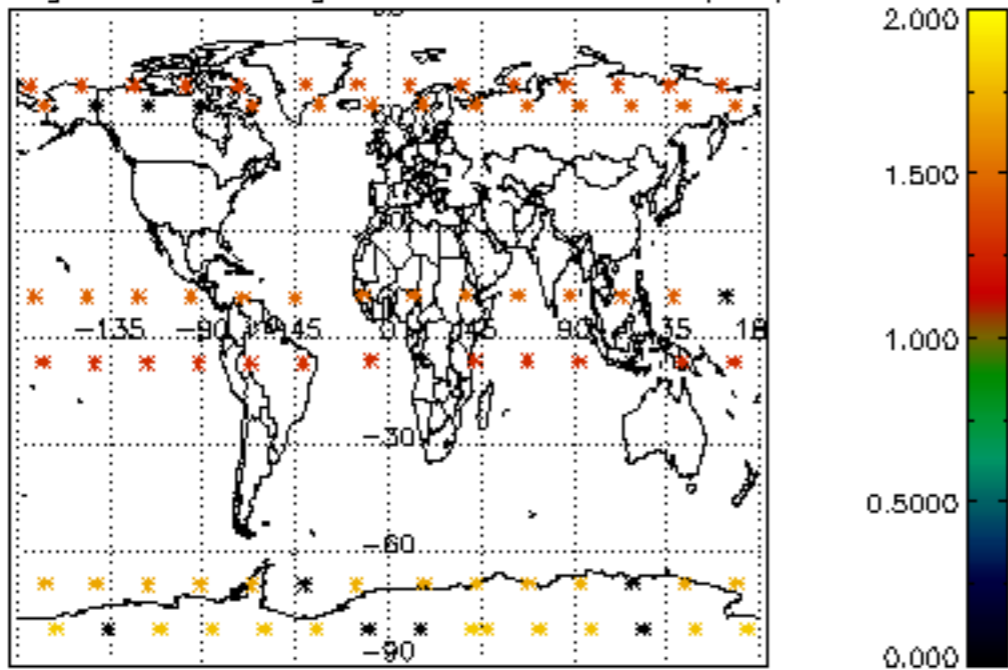
Percentage of cosmic ray hits per profile



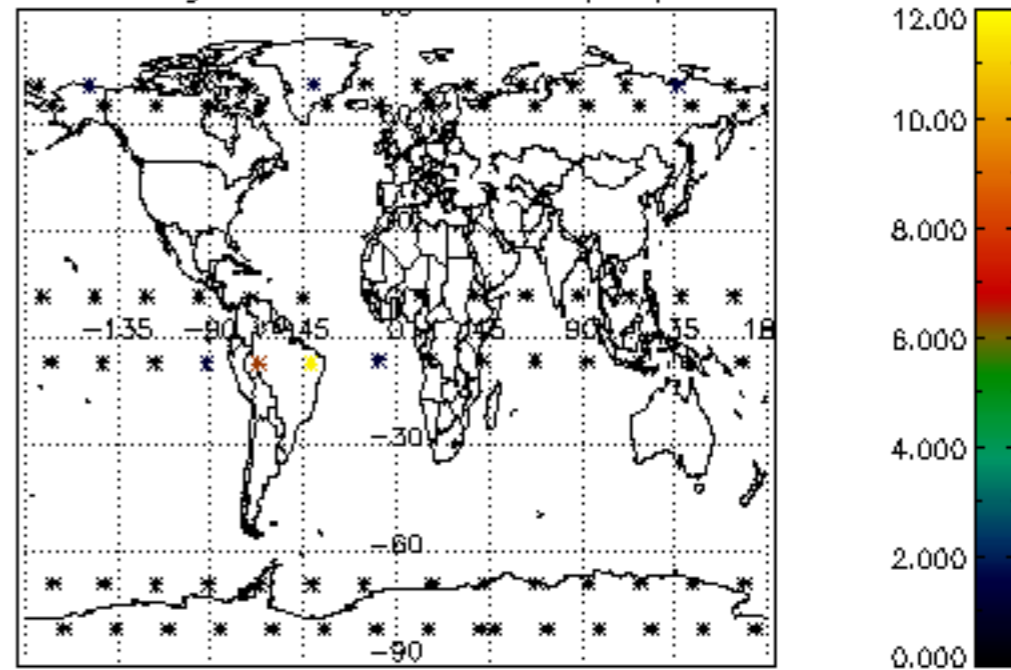
Percentage of datation errors per profile



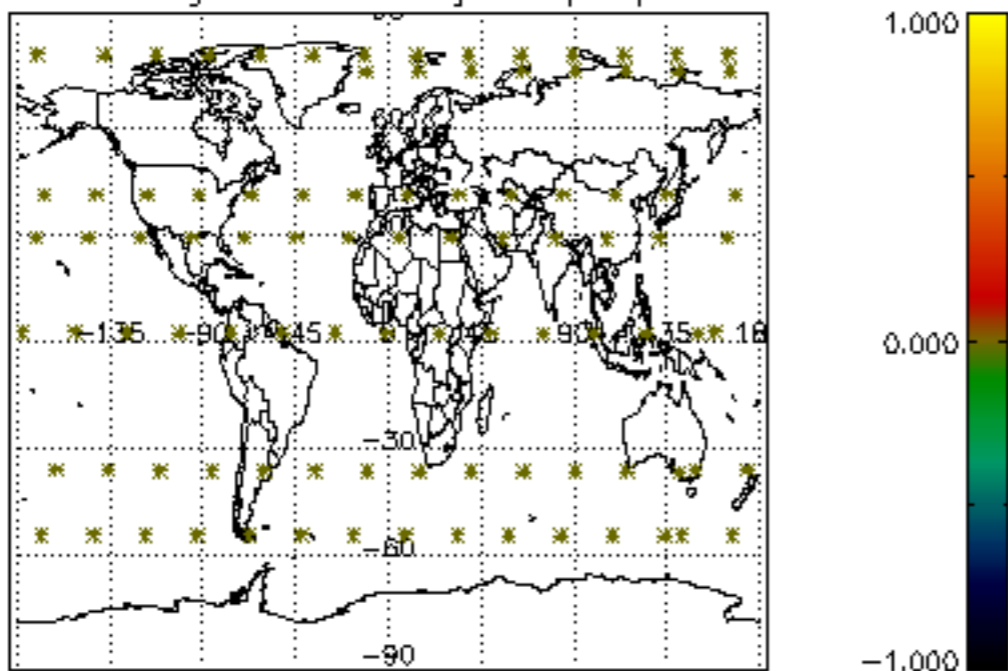
Percentage of star falling outside central band per profile



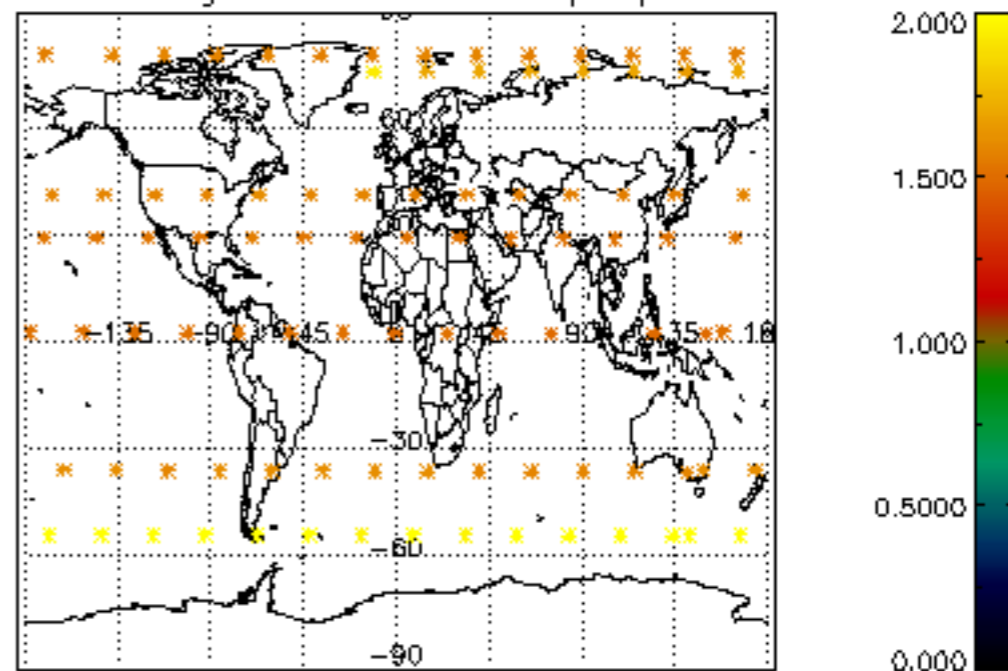
Percentage of saturation errors per profile



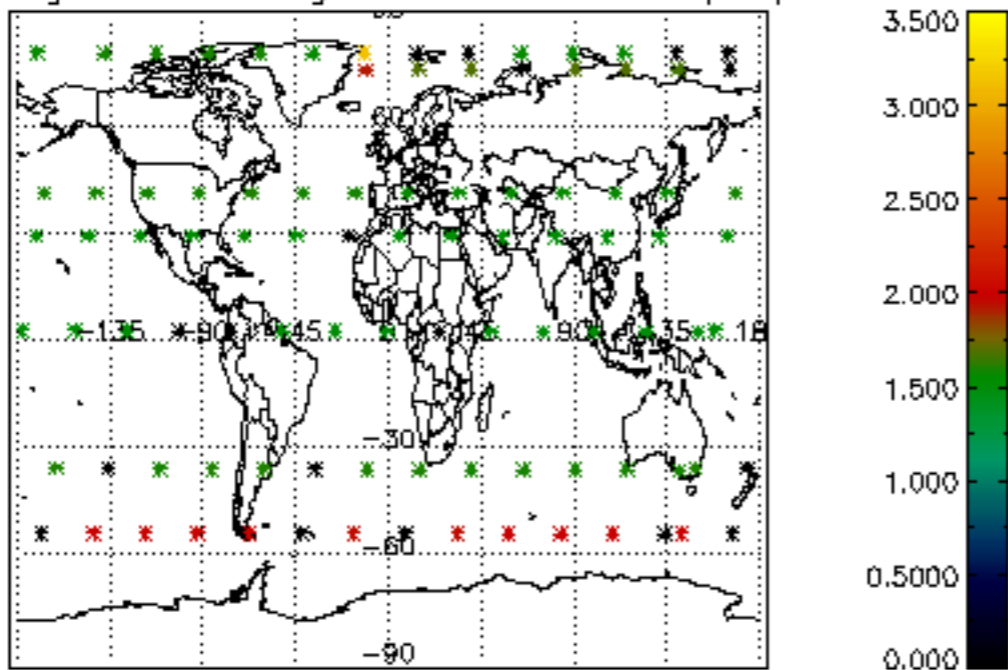
Percentage of cosmic ray hits per profile



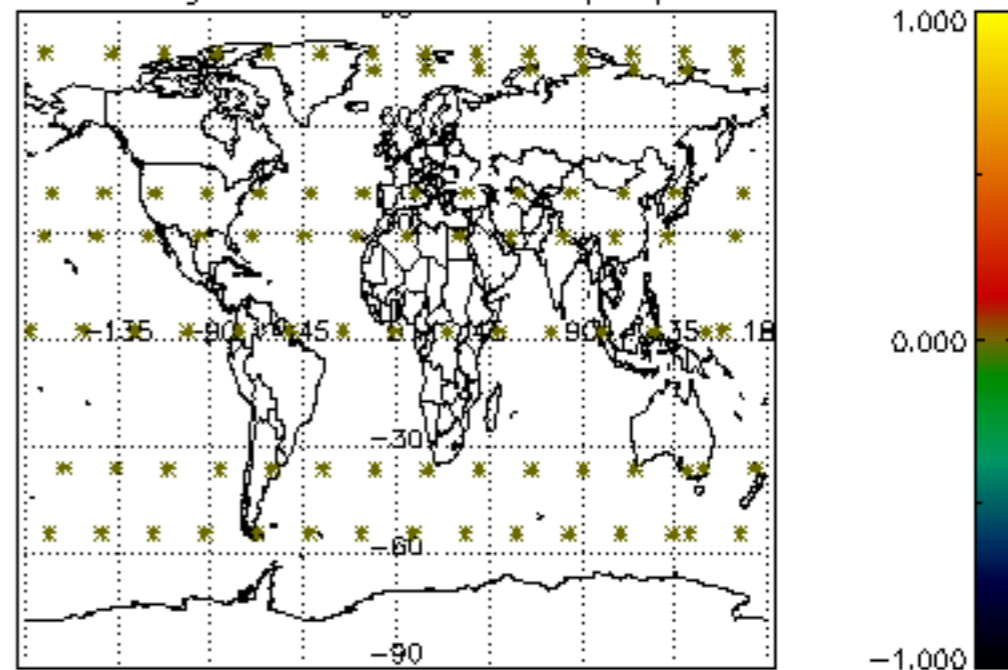
Percentage of datation errors per profile

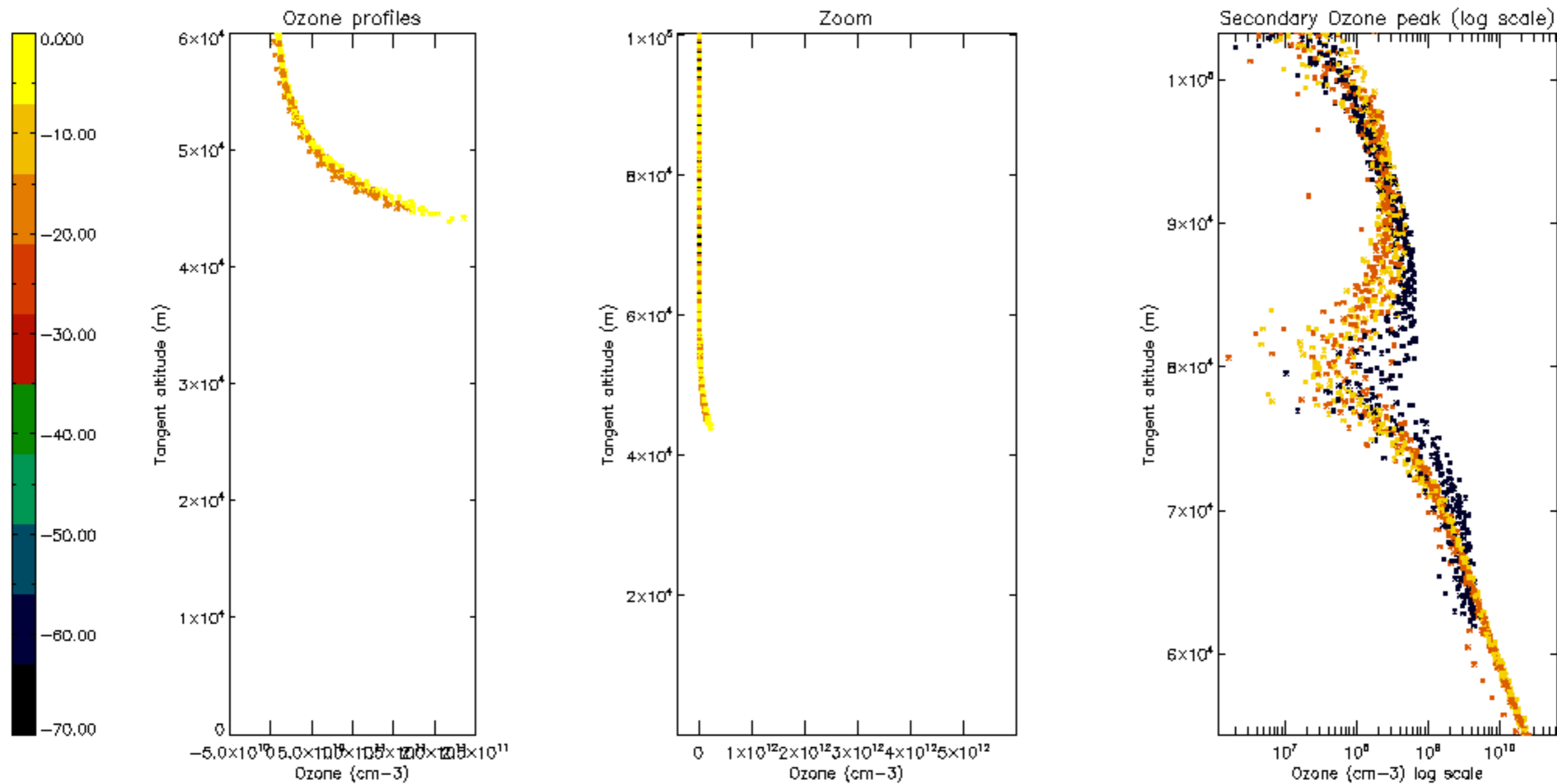


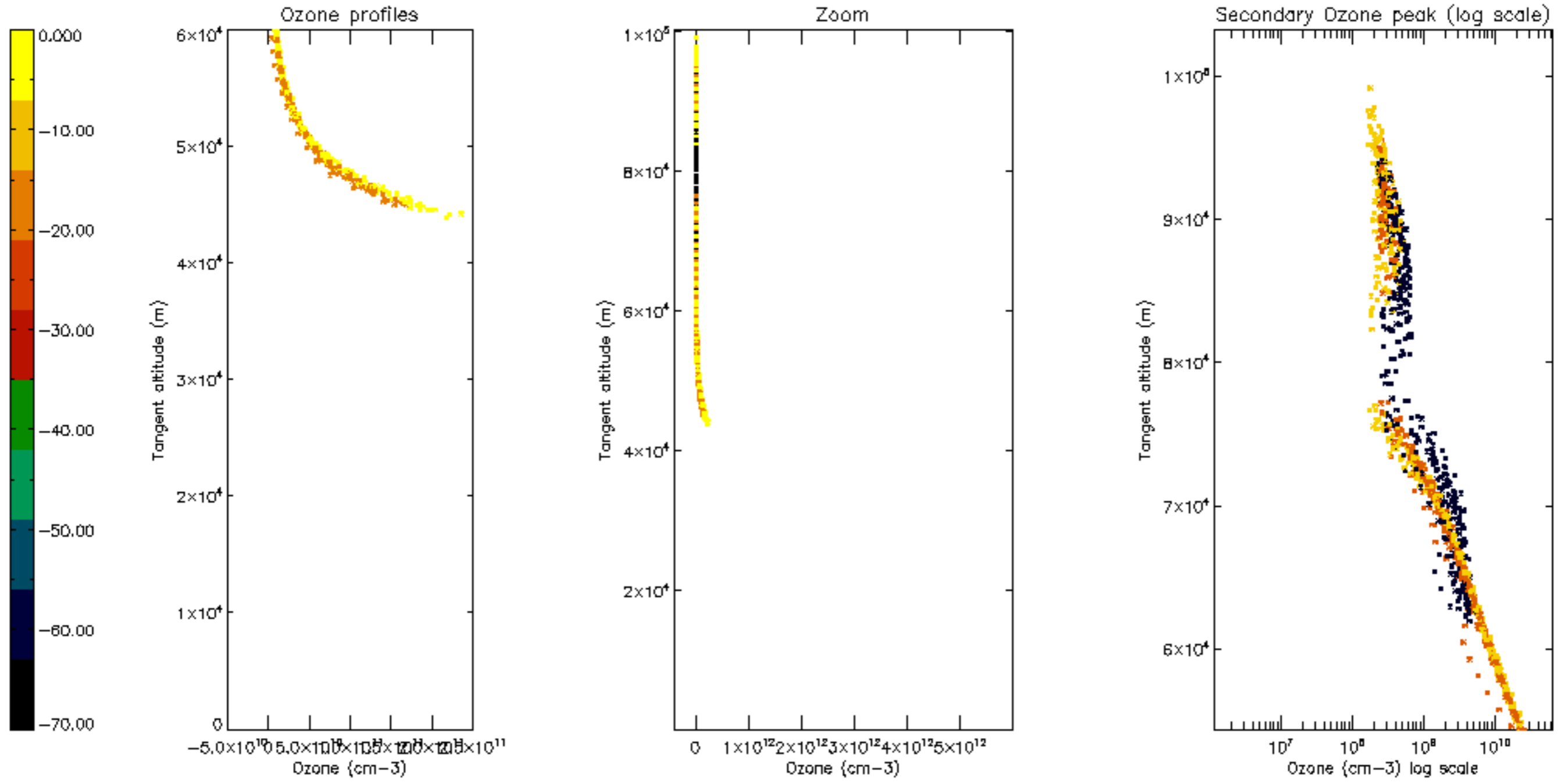
Percentage of star falling outside central band per profile

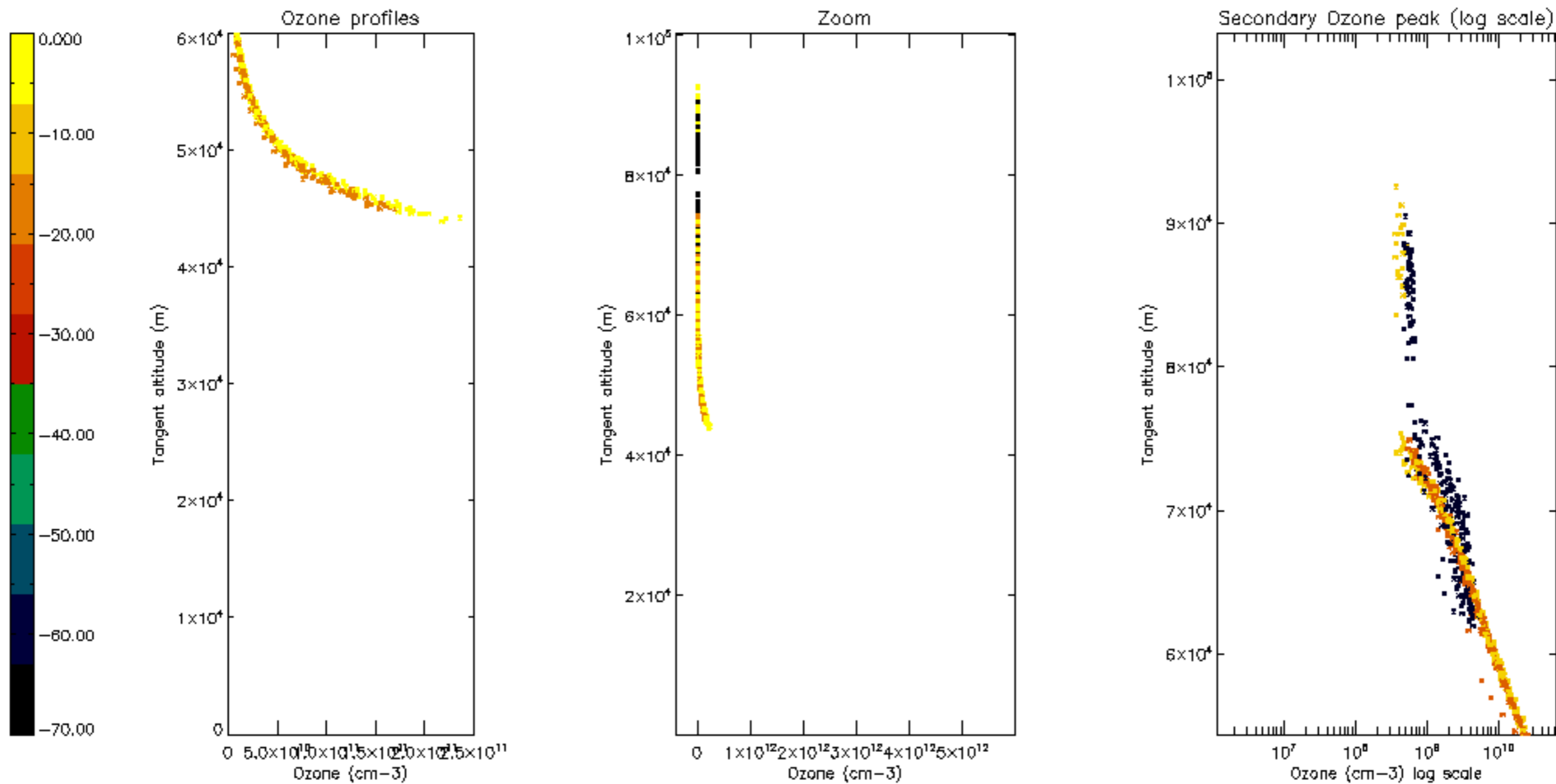


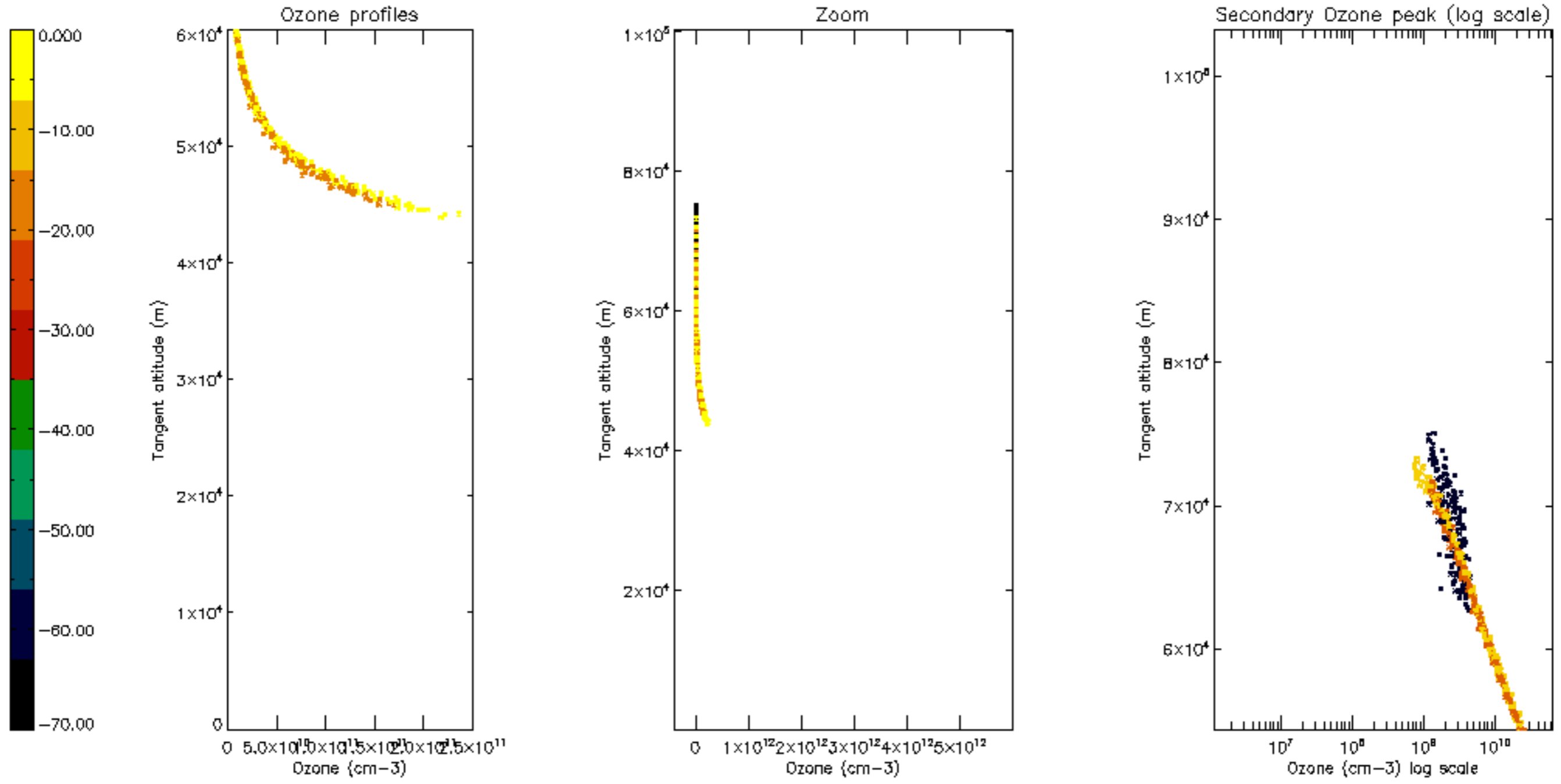
Percentage of saturation errors per profile

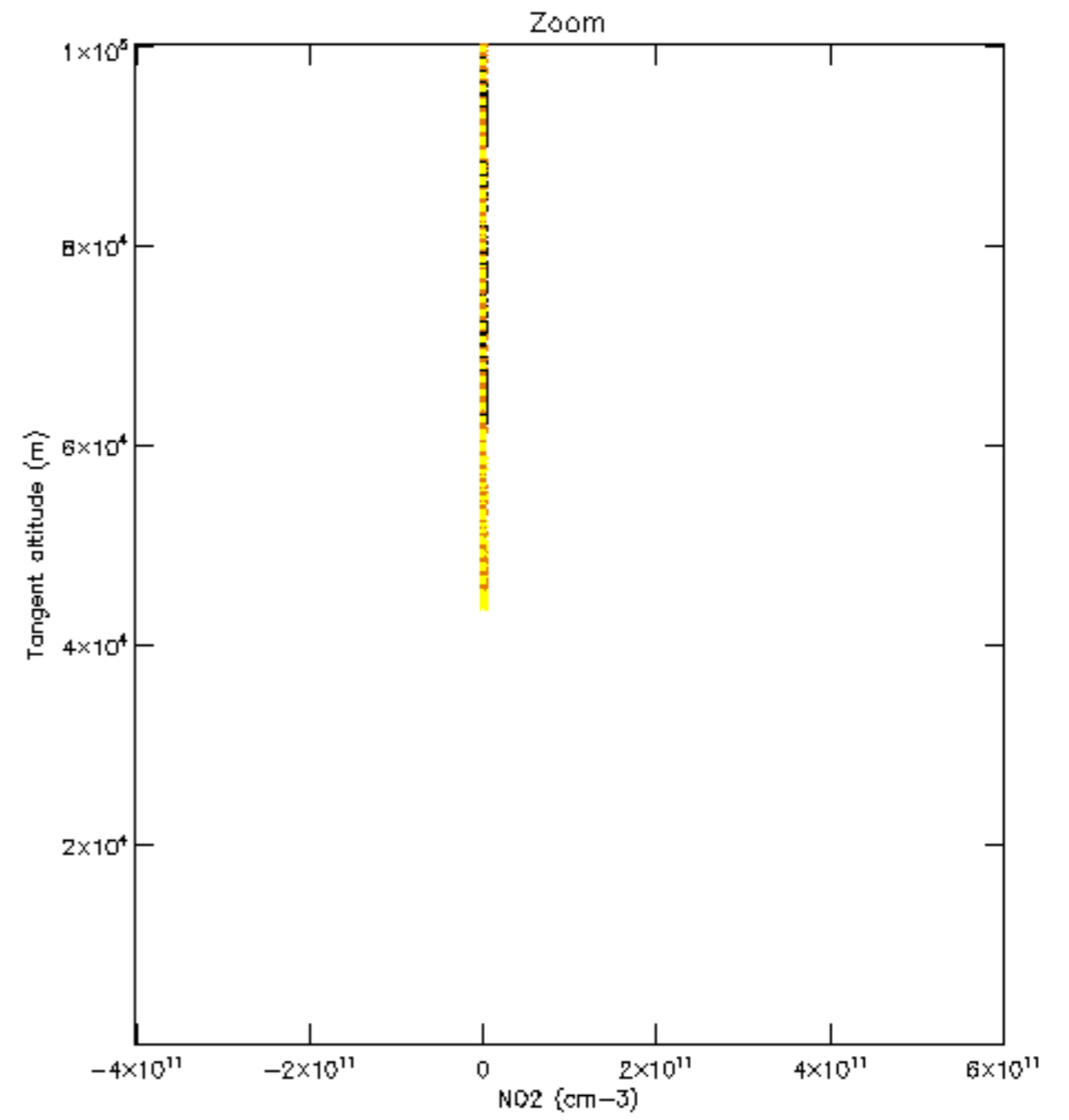
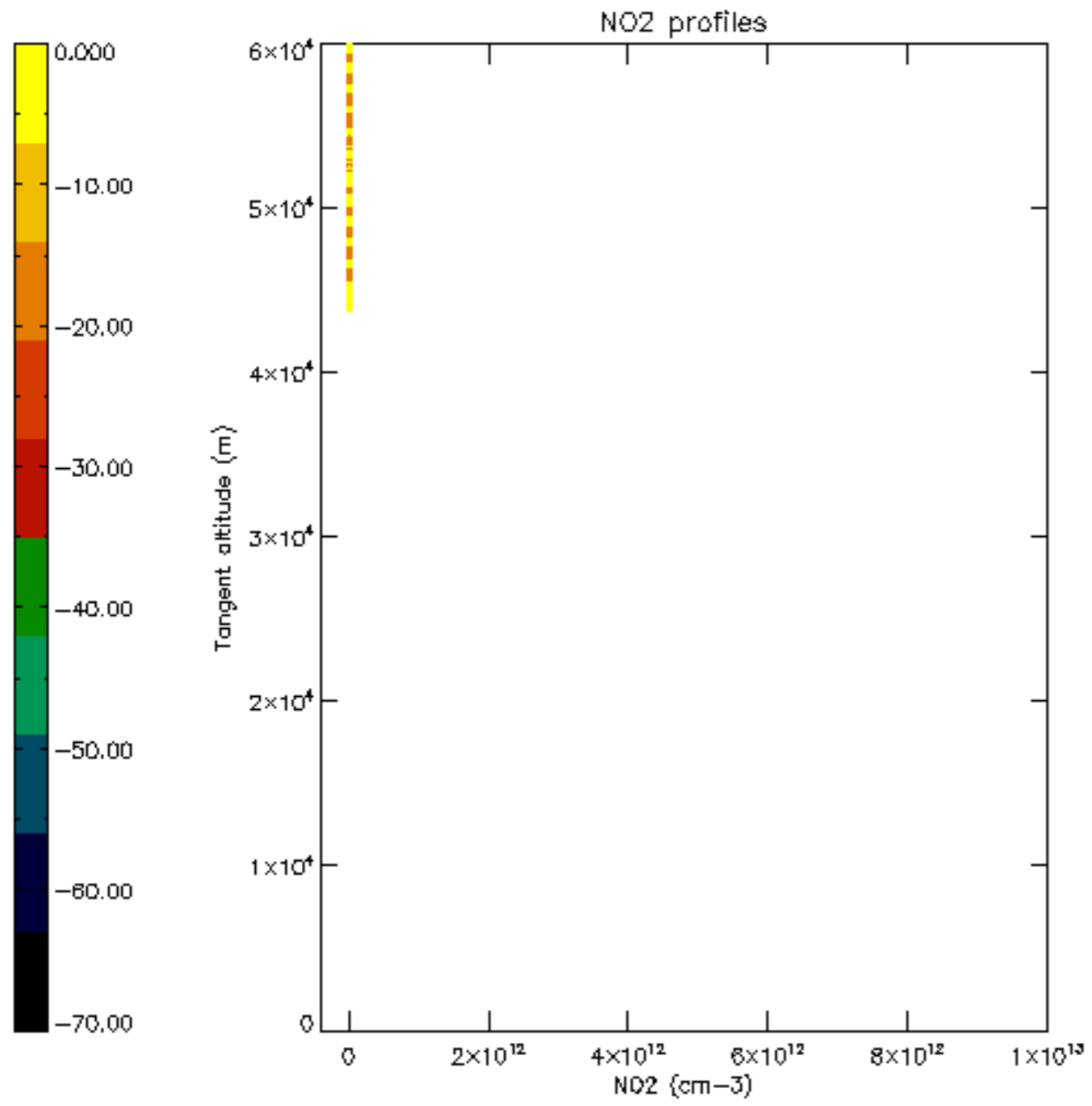


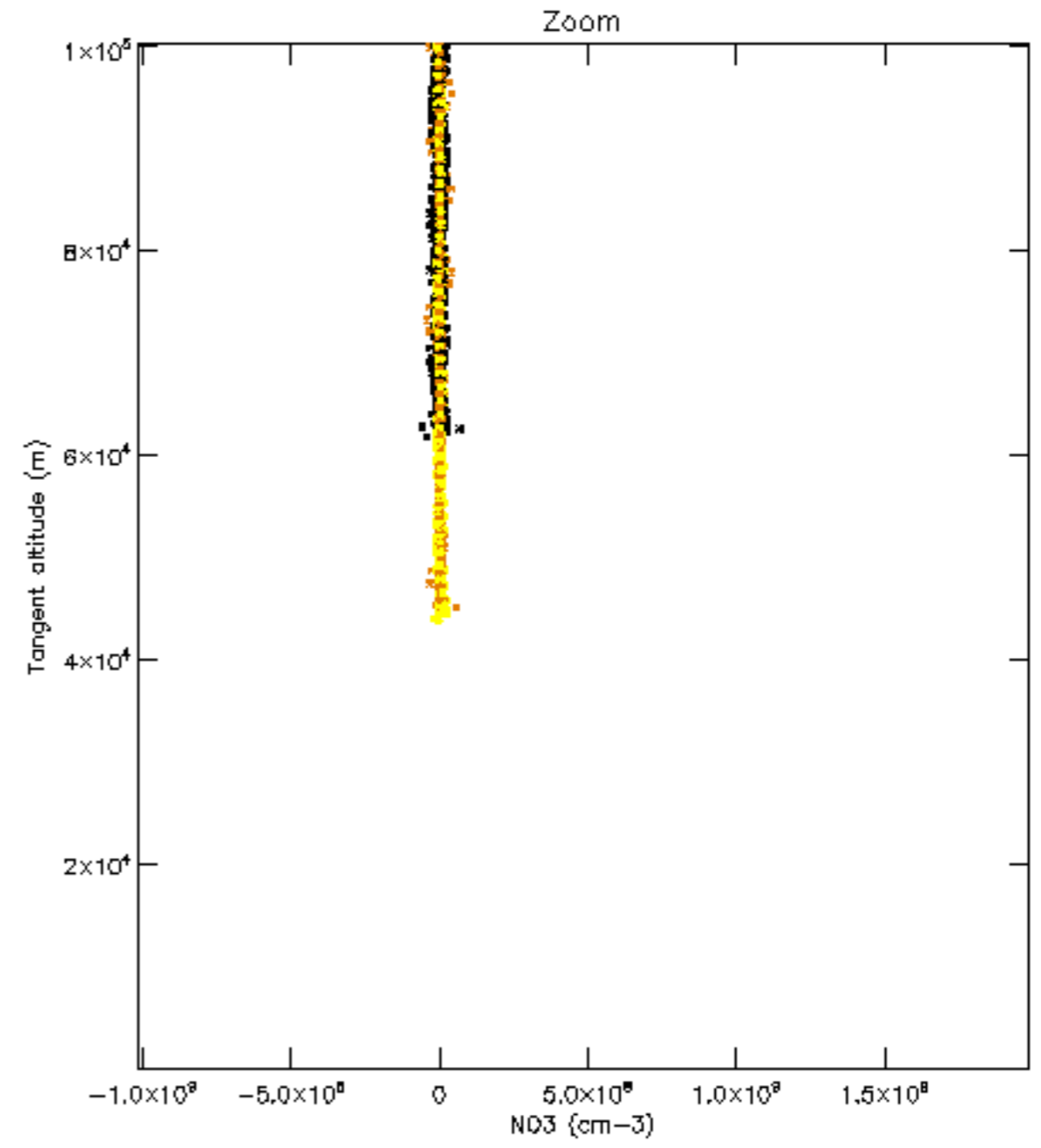
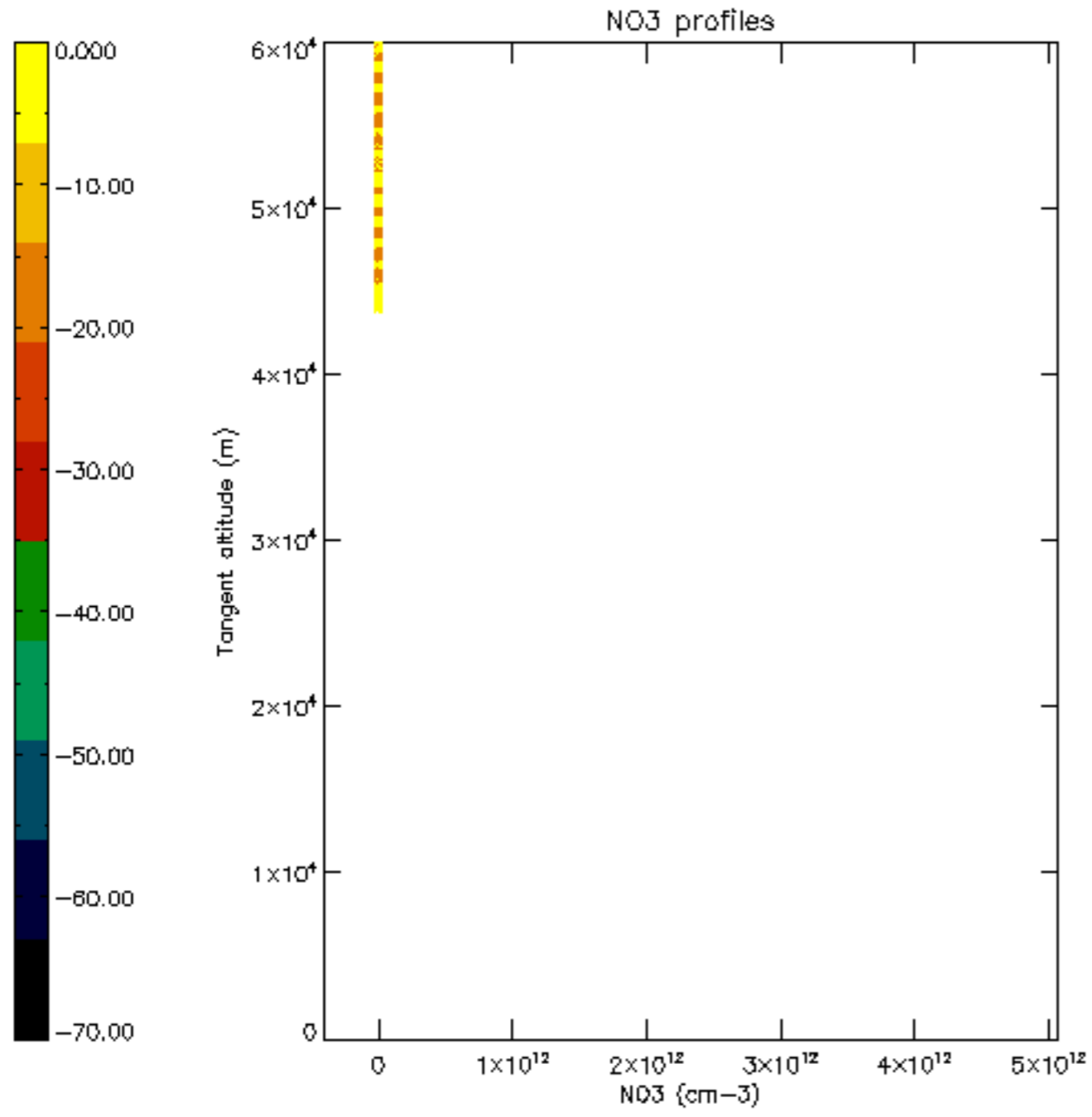


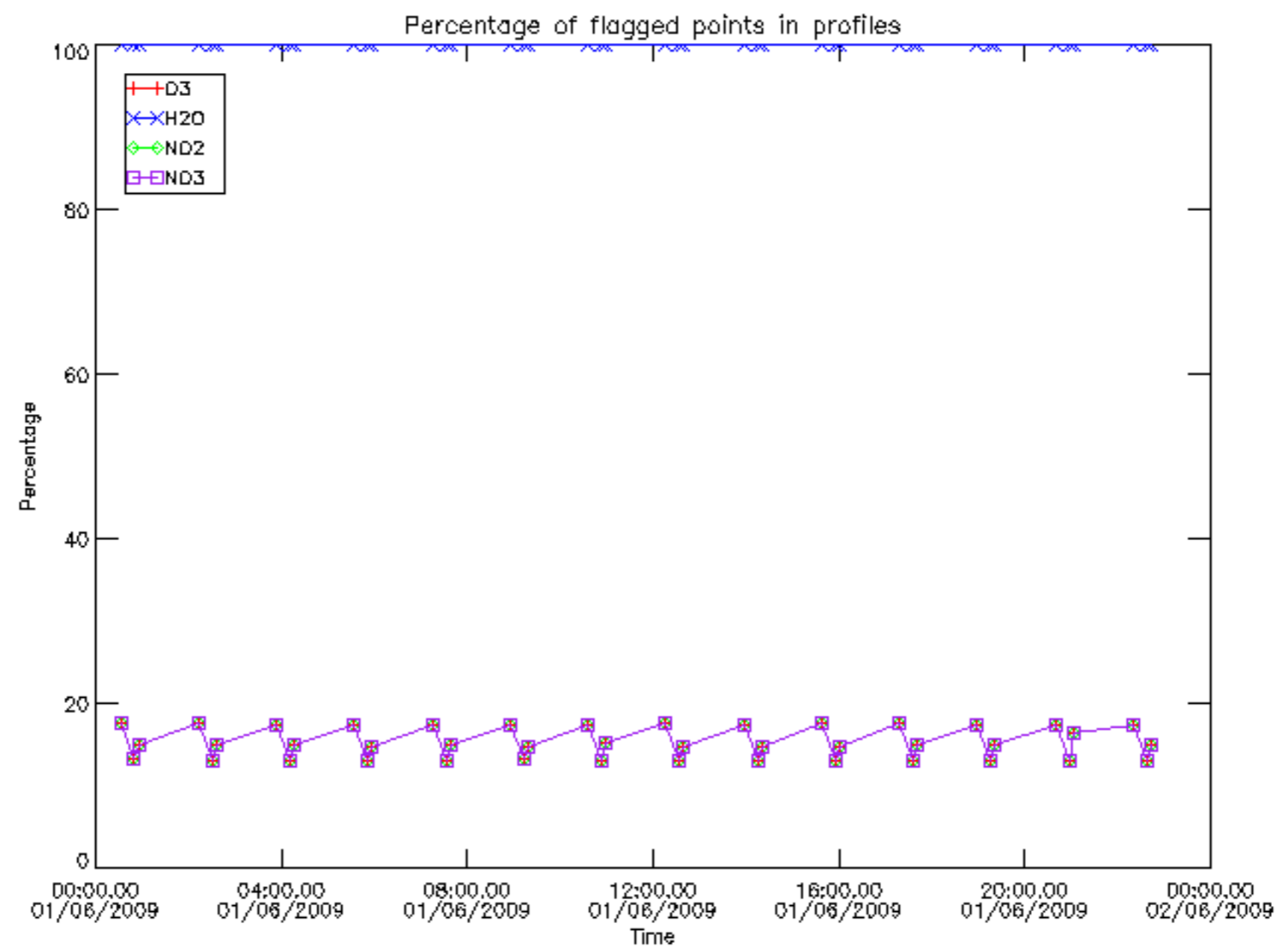




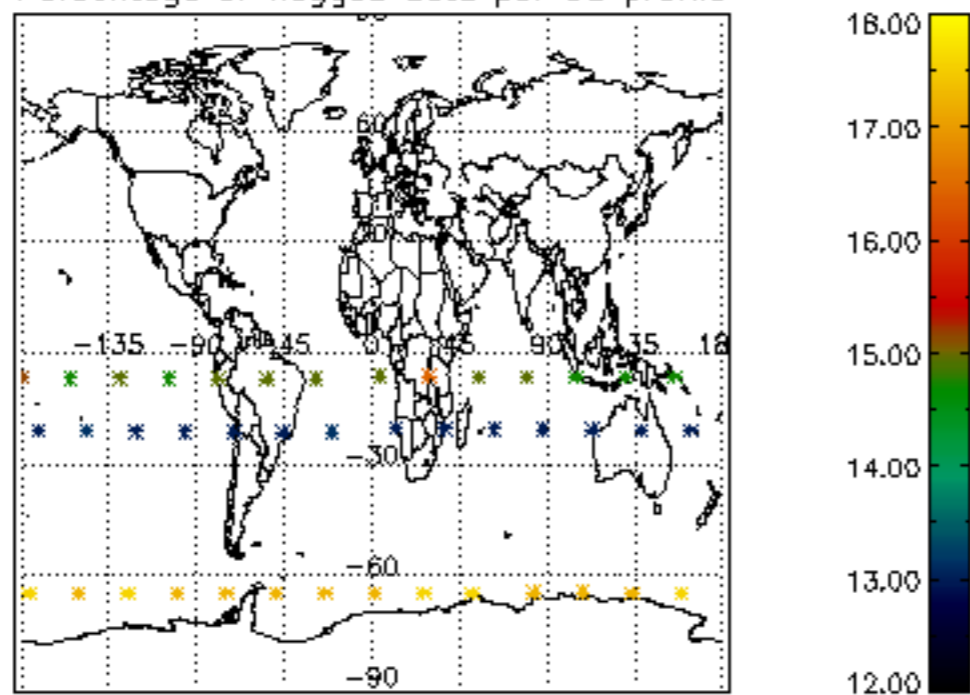




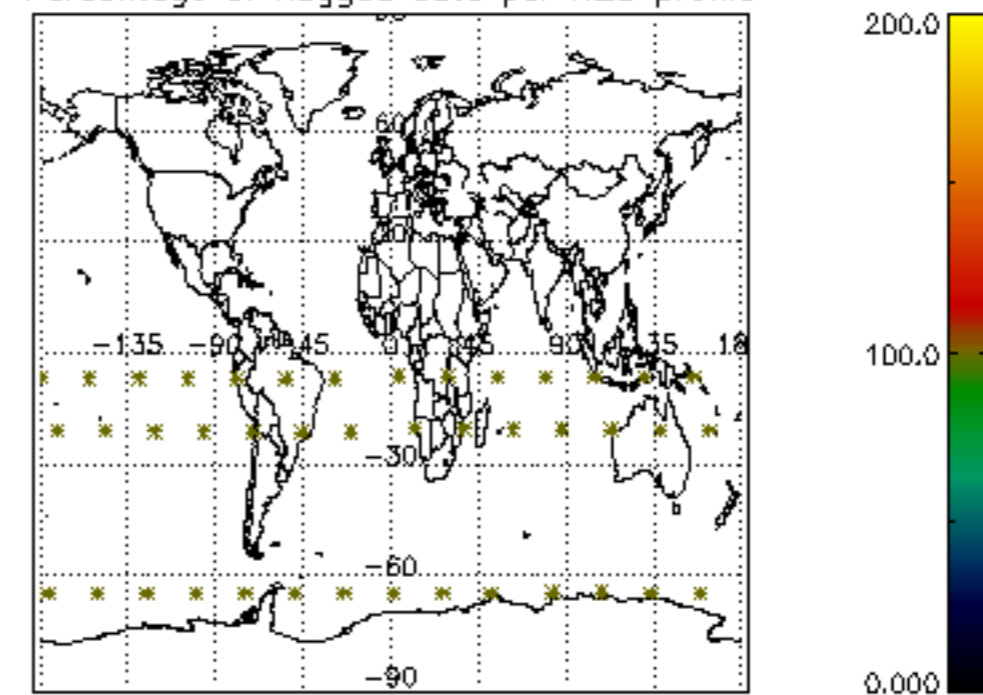




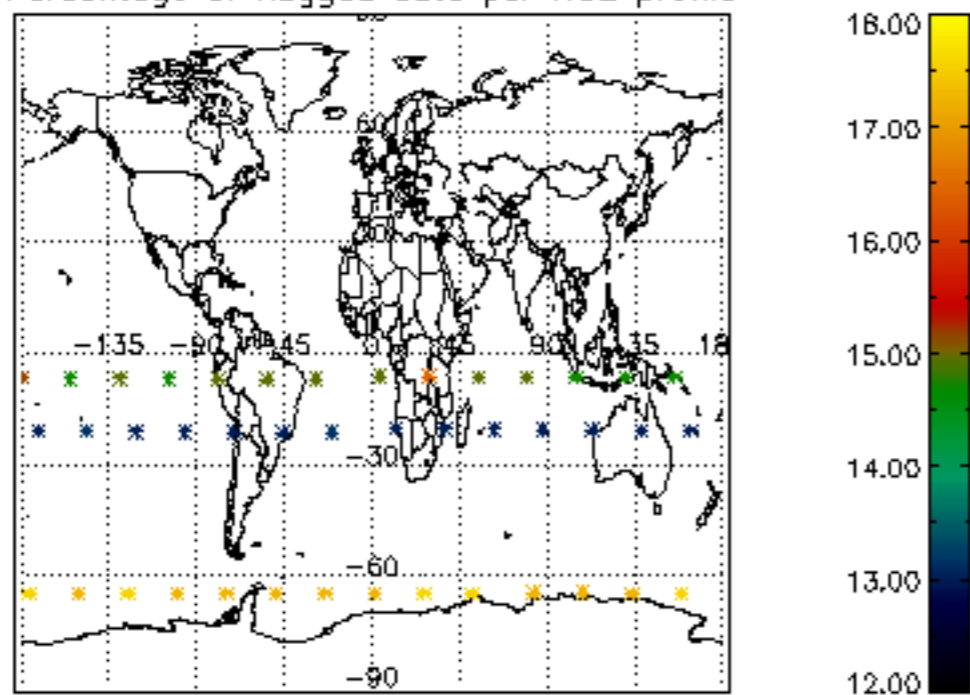
Percentage of flagged data per D3 profile



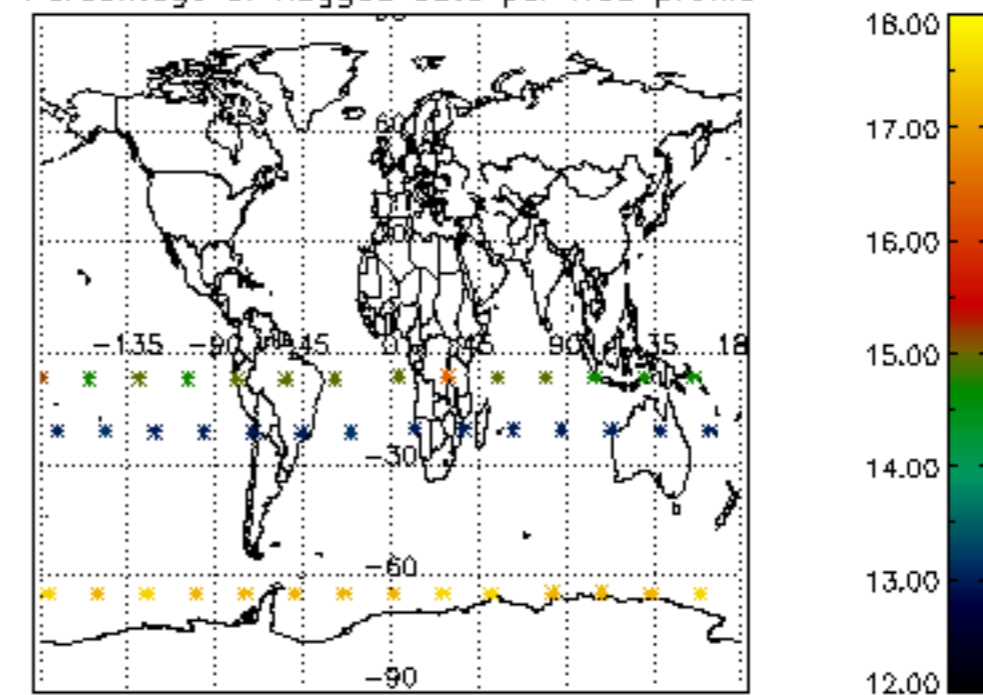
Percentage of flagged data per H2O profile

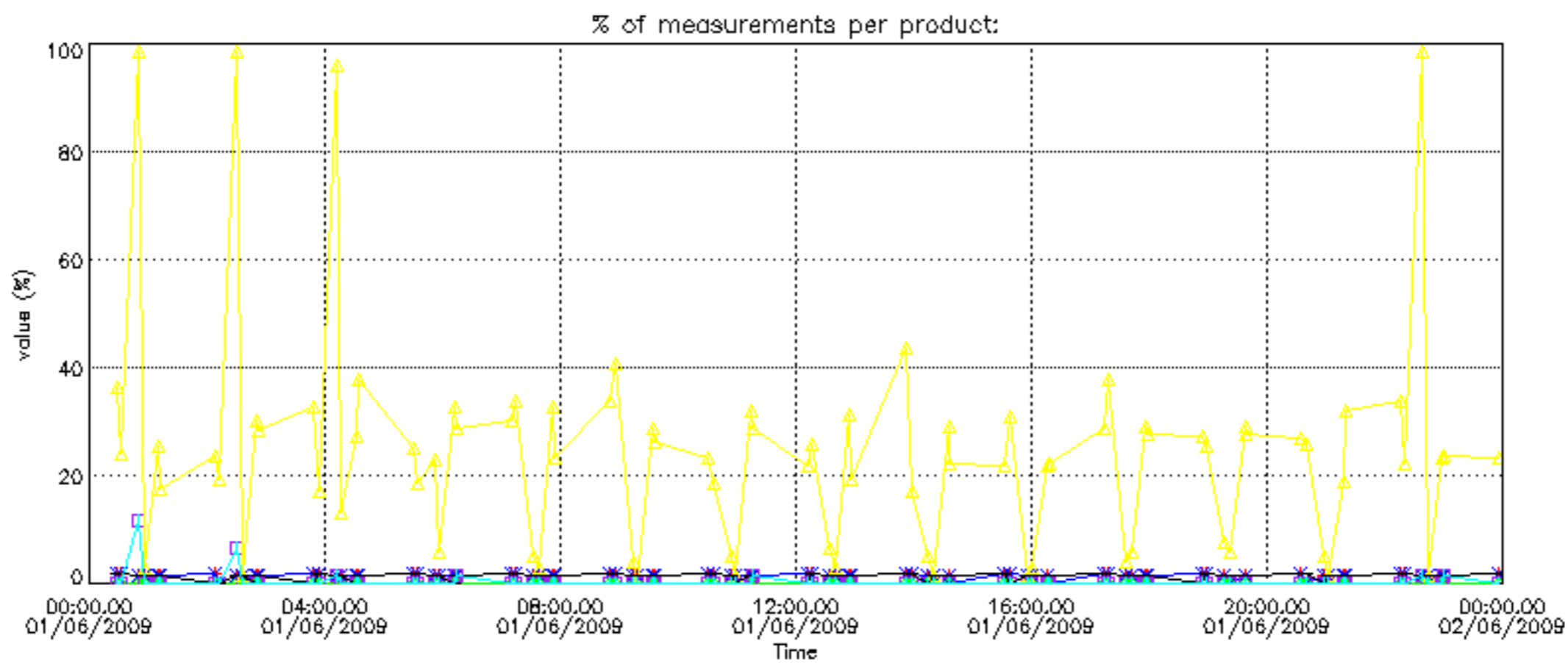


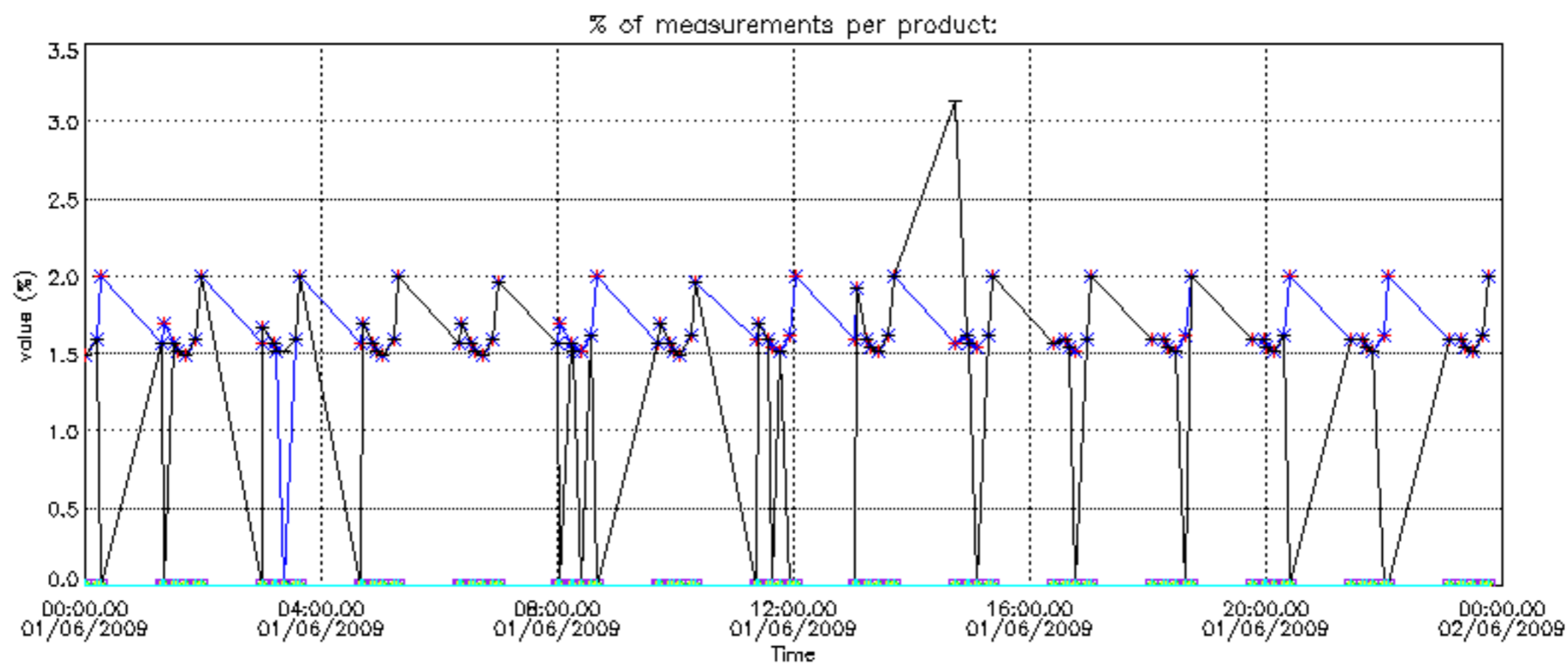
Percentage of flagged data per NO2 profile



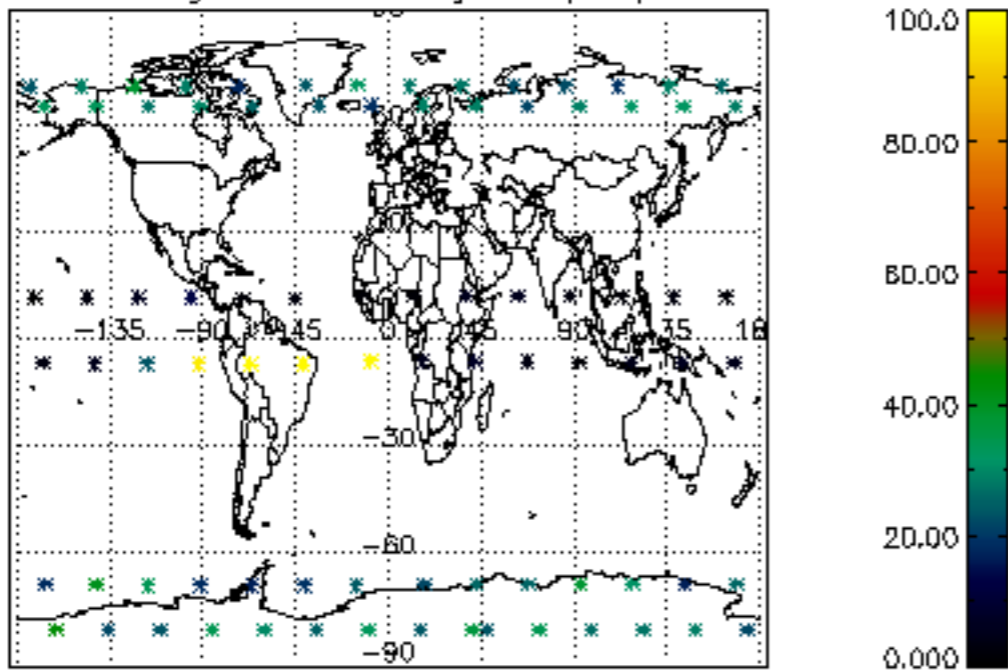
Percentage of flagged data per NO3 profile



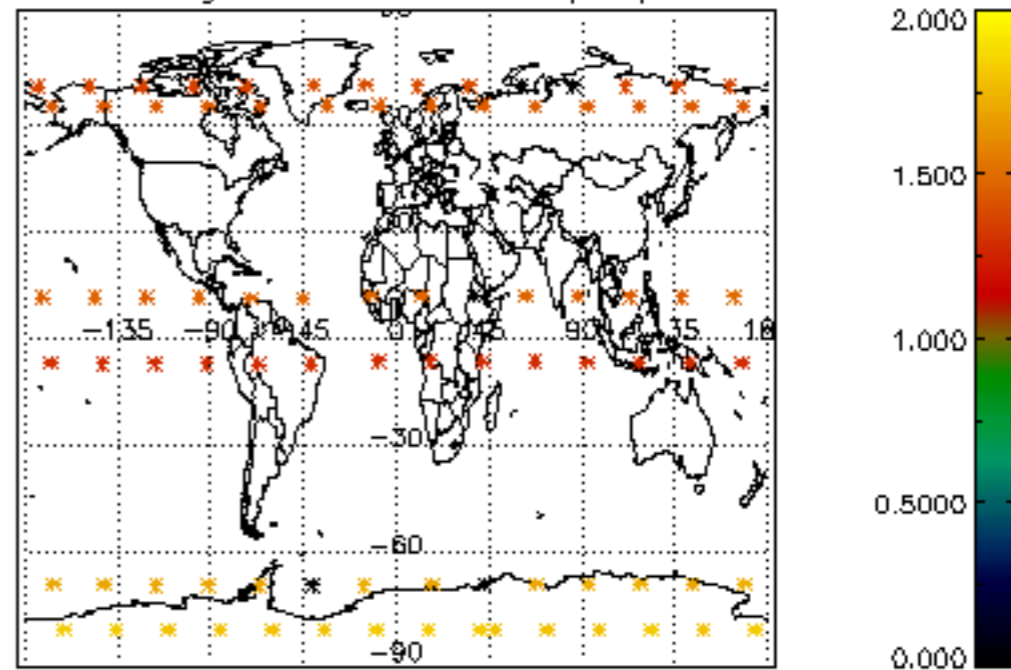




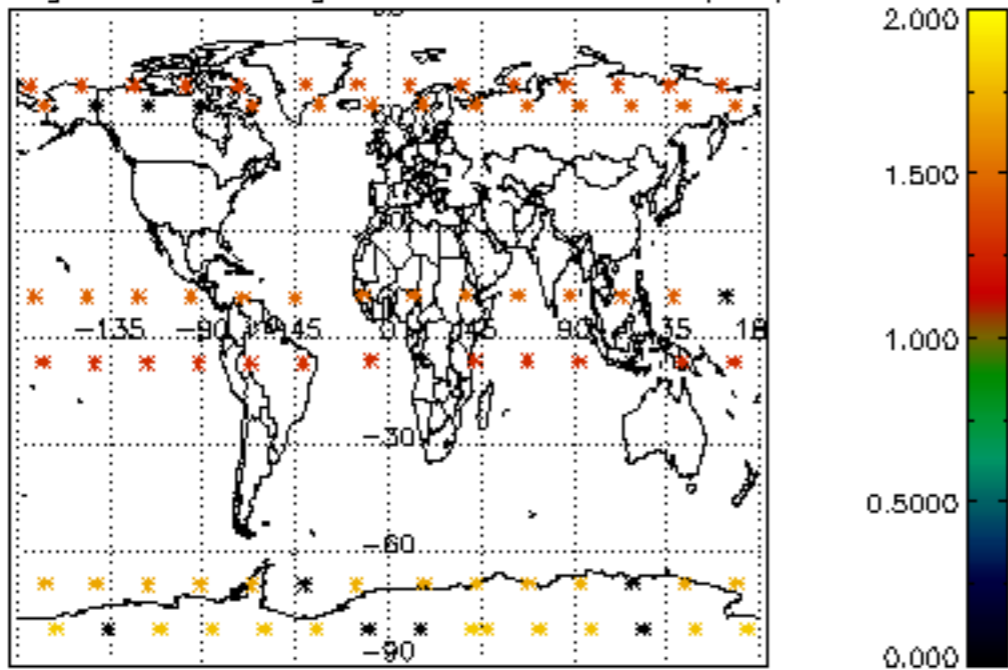
Percentage of cosmic ray hits per profile



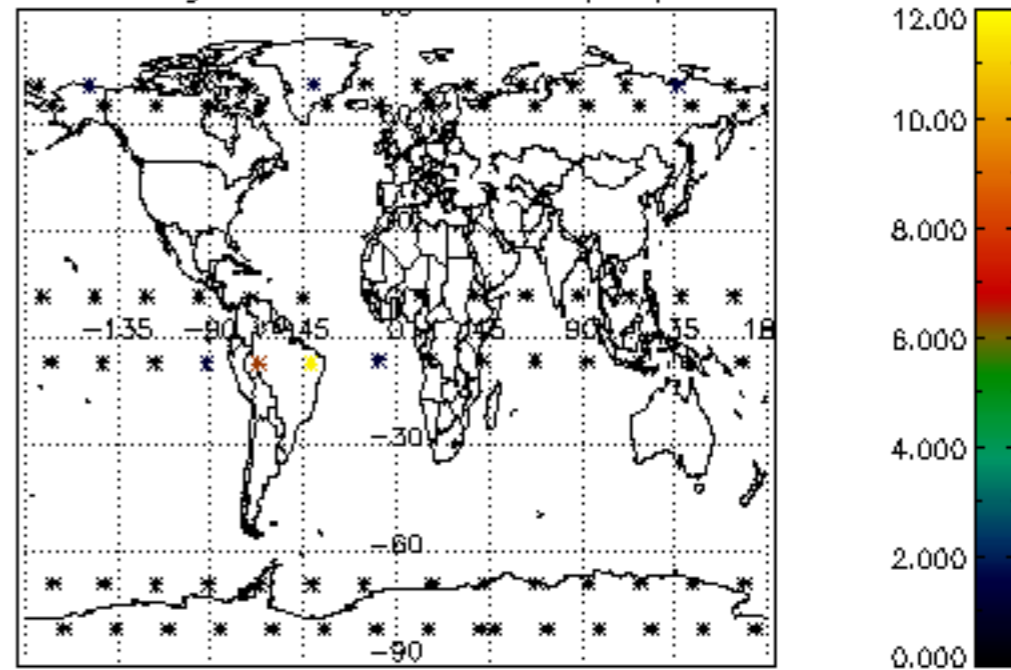
Percentage of datation errors per profile



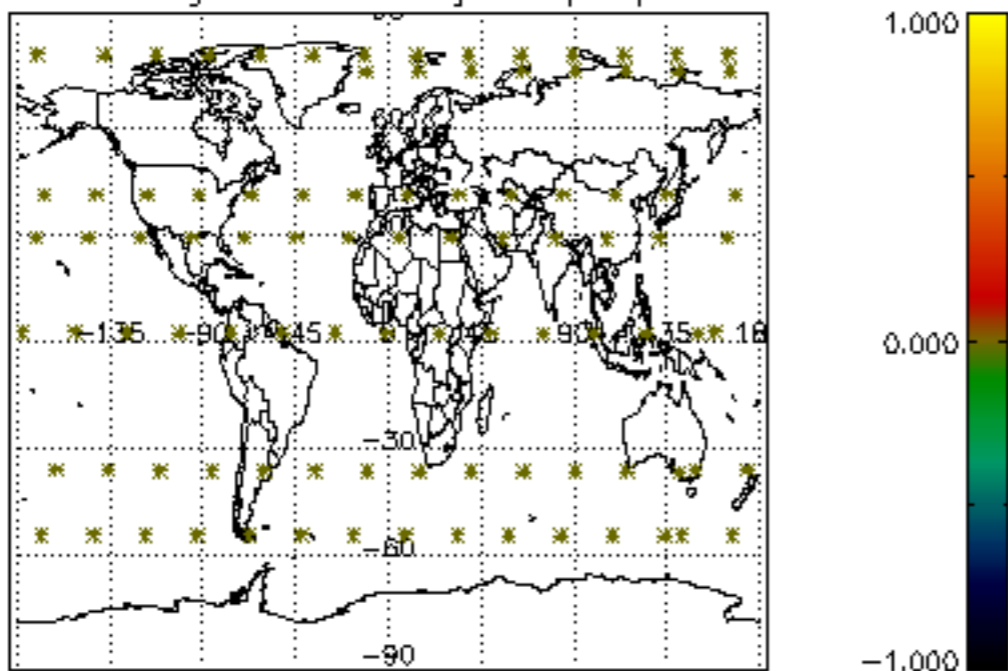
Percentage of star falling outside central band per profile



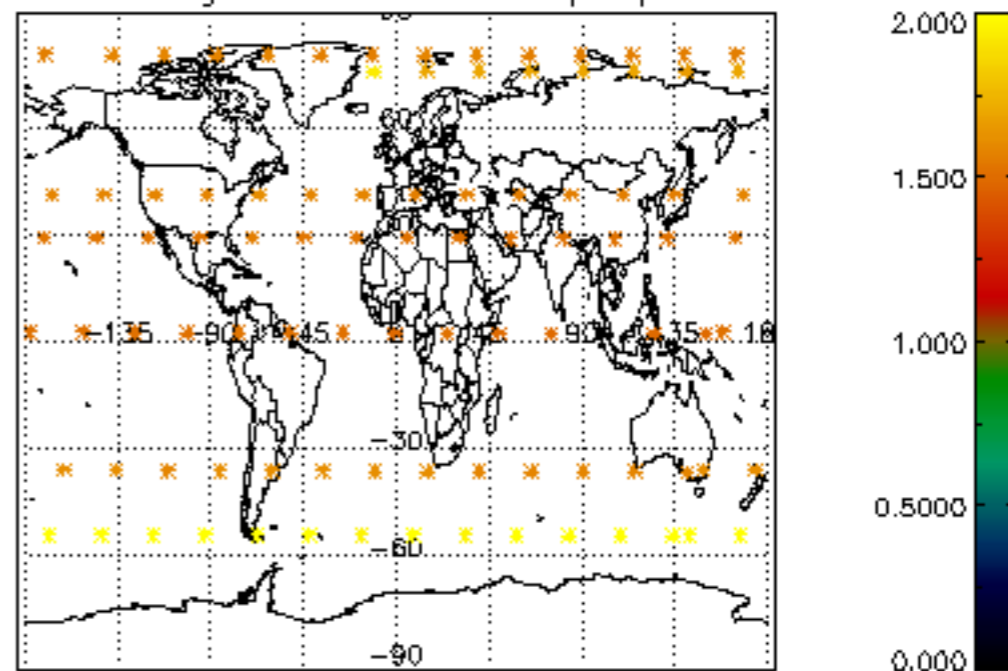
Percentage of saturation errors per profile



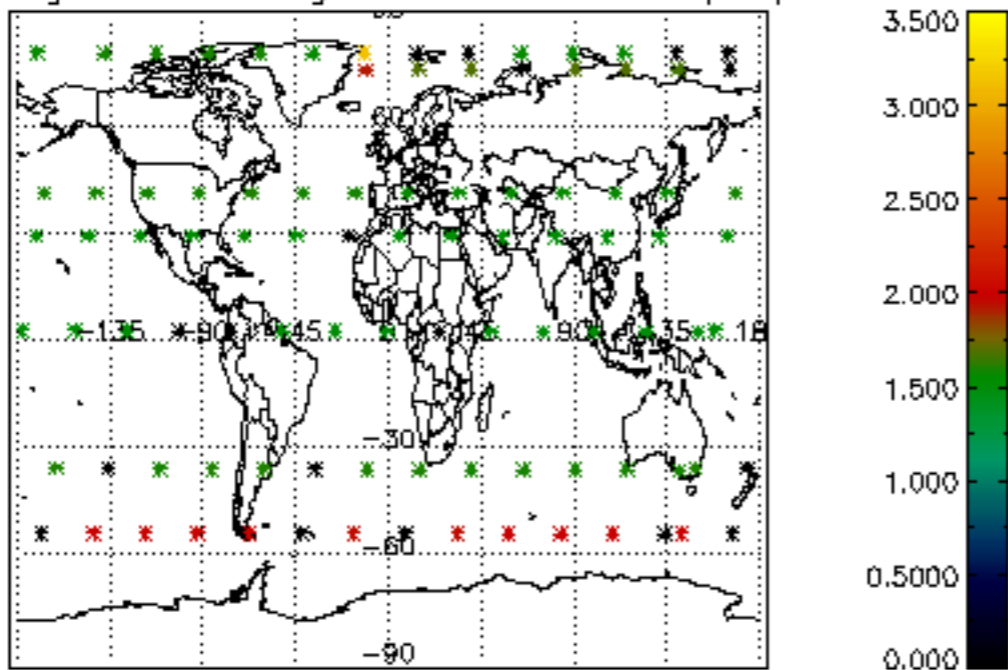
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

