

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 09:51:24
Data source version	GOMOS/6.01
Start time of products	30-05-2009 (30MAY2009 00:00:00)
Stop time of products	31-05-2009 (31MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
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__2PRFIN20090530_001158_000000392079_00259_37888_8915.N1	30-MAY-2009 00:11:58	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37888	No
2	GOM_NL__2PRFIN20090530_001742_000000422079_00260_37889_8968.N1	30-MAY-2009 00:17:42	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37889	No
3	GOM_NL__2PRFIN20090530_003243_000000372079_00260_37889_8969.N1	30-MAY-2009 00:32:43	Twilight	37.000	38	20Eps Sgr	1.8360	11000.	74	37889	No
4	GOM_NL__2PRFIN20090530_003426_000000392079_00260_37889_8970.N1	30-MAY-2009 00:34:26	Twilight	38.500	116	19Del Sgr	2.7000	4100.0	77	37889	No
5	GOM_NL__2PRFIN20090530_004103_000000342079_00260_37889_8971.N1	30-MAY-2009 00:41:03	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37889	No
6	GOM_NL__2PRFIN20090530_004256_000000312079_00260_37889_8972.N1	30-MAY-2009 00:42:56	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37889	No
7	GOM_NL__2PRFIN20090530_005328_000000342079_00260_37889_8973.N1	30-MAY-2009 00:53:28	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37889	No
8	GOM_NL__2PRFIN20090530_005658_000000352079_00260_37889_8974.N1	30-MAY-2009 00:56:58	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37889	No
9	GOM_NL__2PRFIN20090530_010430_000000352079_00260_37889_8975.N1	30-MAY-2009 01:04:30	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37889	No
10	GOM_NL__2PRFIN20090530_011520_000000322079_00260_37889_8976.N1	30-MAY-2009 01:15:20	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37889	No
11	GOM_NL__2PRFIN20090530_013025_000000282079_00260_37889_8977.N1	30-MAY-2009 01:30:25	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37889	No
12	GOM_NL__2PRFIN20090530_013514_000000292079_00260_37889_8978.N1	30-MAY-2009 01:35:14	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37889	No
13	GOM_NL__2PRFIN20090530_015235_000000392079_00260_37889_8979.N1	30-MAY-2009 01:52:35	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37889	No
14	GOM_NL__2PRFIN20090530_015820_000000422079_00261_37890_9074.N1	30-MAY-2009 01:58:20	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37890	No
15	GOM_NL__2PRFIN20090530_021319_000000382079_00261_37890_9075.N1	30-MAY-2009 02:13:19	Twilight	37.500	38	20Eps Sgr	1.8360	11000.	75	37890	No
16	GOM_NL__2PRFIN20090530_021503_000000392079_00261_37890_9076.N1	30-MAY-2009 02:15:03	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37890	No
17	GOM_NL__2PRFIN20090530_022138_000000342079_00261_37890_9077.N1	30-MAY-2009 02:21:38	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37890	No
18	GOM_NL__2PRFIN20090530_022332_000000322079_00261_37890_9078.N1	30-MAY-2009 02:23:32	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37890	No
19	GOM_NL__2PRFIN20090530_023403_000000342079_00261_37890_9079.N1	30-MAY-2009 02:34:03	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37890	No
20	GOM_NL__2PRFIN20090530_023733_000000352079_00261_37890_9080.N1	30-MAY-2009 02:37:33	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37890	No
21	GOM_NL__2PRFIN20090530_024505_000000352079_00261_37890_9081.N1	30-MAY-2009 02:45:05	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37890	No
22	GOM_NL__2PRFIN20090530_025555_000000322079_00261_37890_9082.N1	30-MAY-2009 02:55:55	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37890	No
23	GOM_NL__2PRFIN20090530_031101_000000292079_00261_37890_9083.N1	30-MAY-2009 03:11:01	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37890	No
24	GOM_NL__2PRFIN20090530_031550_000000302079_00261_37890_9084.N1	30-MAY-2009 03:15:50	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37890	No
25	GOM_NL__2PRFIN20090530_033312_000000392079_00261_37890_9085.N1	30-MAY-2009 03:33:12	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37890	No
26	GOM_NL__2PRFIN20090530_033857_000000422079_00262_37891_9115.N1	30-MAY-2009 03:38:57	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37891	No
27	GOM_NL__2PRFIN20090530_035356_000000382079_00262_37891_9116.N1	30-MAY-2009 03:53:56	Twilight	37.500	38	20Eps Sgr	1.8360	11000.	75	37891	No
28	GOM_NL__2PRFIN20090530_035539_000000392079_00262_37891_9117.N1	30-MAY-2009 03:55:39	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37891	No
29	GOM_NL__2PRFIN20090530_040215_000000352079_00262_37891_9118.N1	30-MAY-2009 04:02:15	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37891	No
30	GOM_NL__2PRFIN20090530_040408_000000322079_00262_37891_9119.N1	30-MAY-2009 04:04:08	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37891	No
31	GOM_NL__2PRFIN20090530_041439_000000352079_00262_37891_9120.N1	30-MAY-2009 04:14:39	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37891	No
32	GOM_NL__2PRFIN20090530_041809_000000352079_00262_37891_9121.N1	30-MAY-2009 04:18:09	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37891	No
33	GOM_NL__2PRFIN20090530_042540_000000352079_00262_37891_9122.N1	30-MAY-2009 04:25:40	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37891	No
34	GOM_NL__2PRFIN20090530_043630_000000322079_00262_37891_9123.N1	30-MAY-2009 04:36:30	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37891	No
35	GOM_NL__2PRFIN20090530_045137_000000292079_00262_37891_9124.N1	30-MAY-2009 04:51:37	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37891	No
36	GOM_NL__2PRFIN20090530_045626_000000302079_00262_37891_9125.N1	30-MAY-2009 04:56:26	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37891	No
37	GOM_NL__2PRFIN20090530_051350_000000392079_00262_37891_9126.N1	30-MAY-2009 05:13:50	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37891	No
38	GOM_NL__2PRFIN20090530_051934_000000422079_00263_37892_9164.N1	30-MAY-2009 05:19:34	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37892	No
39	GOM_NL__2PRFIN20090530_053432_000000382079_00263_37892_9165.N1	30-MAY-2009 05:34:32	Twilight	37.500	38	20Eps Sgr	1.8360	11000.	75	37892	No
40	GOM_NL__2PRFIN20090530_053616_000000392079_00263_37892_9166.N1	30-MAY-2009 05:36:16	Twilight	38.500	116	19Del Sgr	2.7000	4100.0	77	37892	No
41	GOM_NL__2PRFIN20090530_054251_000000342079_00263_37892_9167.N1	30-MAY-2009 05:42:51	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37892	No
42	GOM_NL__2PRFIN20090530_054444_000000312079_00263_37892_9168.N1	30-MAY-2009 05:44:44	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37892	No

43	GOM_NL__2PRFIN20090530_055514_000000342079_00263_37892_9169.N1	30-MAY-2009 05:55:14	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37892	No
44	GOM_NL__2PRFIN20090530_055844_000000352079_00263_37892_9170.N1	30-MAY-2009 05:58:44	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37892	No
45	GOM_NL__2PRFIN20090530_060616_000000352079_00263_37892_9171.N1	30-MAY-2009 06:06:16	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37892	No
46	GOM_NL__2PRFIN20090530_061706_000000322079_00263_37892_9172.N1	30-MAY-2009 06:17:06	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37892	No
47	GOM_NL__2PRFIN20090530_063213_000000292079_00263_37892_9173.N1	30-MAY-2009 06:32:13	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37892	No
48	GOM_NL__2PRFIN20090530_063703_000000302079_00263_37892_9174.N1	30-MAY-2009 06:37:03	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37892	No
49	GOM_NL__2PRFIN20090530_065426_000000402079_00263_37892_9175.N1	30-MAY-2009 06:54:26	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37892	No
50	GOM_NL__2PRFIN20090530_070011_000000422079_00264_37893_9209.N1	30-MAY-2009 07:00:11	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37893	No
51	GOM_NL__2PRFIN20090530_071509_000000372079_00264_37893_9210.N1	30-MAY-2009 07:15:09	Tw_i_and_stray	37.000	38	20Eps Sgr	1.8360	11000.	74	37893	No
52	GOM_NL__2PRFIN20090530_071652_000000392079_00264_37893_9211.N1	30-MAY-2009 07:16:52	Tw_i_and_stray	39.000	116	19Del Sgr	2.7000	4100.0	78	37893	No
53	GOM_NL__2PRFIN20090530_072327_000000342079_00264_37893_9212.N1	30-MAY-2009 07:23:27	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37893	No
54	GOM_NL__2PRFIN20090530_072520_000000312079_00264_37893_9213.N1	30-MAY-2009 07:25:20	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37893	No
55	GOM_NL__2PRFIN20090530_073550_000000342079_00264_37893_9214.N1	30-MAY-2009 07:35:50	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37893	No
56	GOM_NL__2PRFIN20090530_073919_000000352079_00264_37893_9215.N1	30-MAY-2009 07:39:19	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37893	No
57	GOM_NL__2PRFIN20090530_074651_000000352079_00264_37893_9216.N1	30-MAY-2009 07:46:51	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37893	No
58	GOM_NL__2PRFIN20090530_075741_000000322079_00264_37893_9217.N1	30-MAY-2009 07:57:41	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37893	No
59	GOM_NL__2PRFIN20090530_081249_000000292079_00264_37893_9218.N1	30-MAY-2009 08:12:49	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37893	No
60	GOM_NL__2PRFIN20090530_081740_000000302079_00264_37893_9219.N1	30-MAY-2009 08:17:40	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37893	No
61	GOM_NL__2PRFIN20090530_083504_000000392079_00264_37893_9220.N1	30-MAY-2009 08:35:04	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37893	No
62	GOM_NL__2PRFIN20090530_084049_000000422079_00265_37894_9233.N1	30-MAY-2009 08:40:49	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37894	No
63	GOM_NL__2PRFIN20090530_085546_000000372079_00265_37894_9234.N1	30-MAY-2009 08:55:46	Tw_i_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37894	No
64	GOM_NL__2PRFIN20090530_085729_000000392079_00265_37894_9235.N1	30-MAY-2009 08:57:29	Tw_i_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37894	No
65	GOM_NL__2PRFIN20090530_090403_000000342079_00265_37894_9236.N1	30-MAY-2009 09:04:03	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37894	No
66	GOM_NL__2PRFIN20090530_090556_000000312079_00265_37894_9237.N1	30-MAY-2009 09:05:56	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37894	No
67	GOM_NL__2PRFIN20090530_091626_000000342079_00265_37894_9238.N1	30-MAY-2009 09:16:26	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37894	No
68	GOM_NL__2PRFIN20090530_091955_000000352079_00265_37894_9239.N1	30-MAY-2009 09:19:55	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37894	No
69	GOM_NL__2PRFIN20090530_092726_000000352079_00265_37894_9240.N1	30-MAY-2009 09:27:26	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37894	No
70	GOM_NL__2PRFIN20090530_093816_000000322079_00265_37894_9241.N1	30-MAY-2009 09:38:16	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37894	No
71	GOM_NL__2PRFIN20090530_095325_000000282079_00265_37894_9242.N1	30-MAY-2009 09:53:25	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37894	No
72	GOM_NL__2PRFIN20090530_095816_000000302079_00265_37894_9243.N1	30-MAY-2009 09:58:16	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37894	No
73	GOM_NL__2PRFIN20090530_101541_000000392079_00265_37894_9244.N1	30-MAY-2009 10:15:41	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37894	No
74	GOM_NL__2PRFIN20090530_102126_000000422079_00266_37895_9276.N1	30-MAY-2009 10:21:26	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37895	No
75	GOM_NL__2PRFIN20090530_103622_000000372079_00266_37895_9277.N1	30-MAY-2009 10:36:22	Tw_i_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37895	No
76	GOM_NL__2PRFIN20090530_103805_000000392079_00266_37895_9278.N1	30-MAY-2009 10:38:05	Tw_i_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37895	No
77	GOM_NL__2PRFIN20090530_104439_000000342079_00266_37895_9279.N1	30-MAY-2009 10:44:39	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37895	No
78	GOM_NL__2PRFIN20090530_104632_000000312079_00266_37895_9280.N1	30-MAY-2009 10:46:32	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37895	No
79	GOM_NL__2PRFIN20090530_105701_000000342079_00266_37895_9281.N1	30-MAY-2009 10:57:01	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37895	No
80	GOM_NL__2PRFIN20090530_110030_000000352079_00266_37895_9282.N1	30-MAY-2009 11:00:30	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37895	No
81	GOM_NL__2PRFIN20090530_110801_000000352079_00266_37895_9283.N1	30-MAY-2009 11:08:01	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37895	No
82	GOM_NL__2PRFIN20090530_111852_000000322079_00266_37895_9284.N1	30-MAY-2009 11:18:52	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37895	No
83	GOM_NL__2PRFIN20090530_113402_000000282079_00266_37895_9285.N1	30-MAY-2009 11:34:02	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37895	No
84	GOM_NL__2PRFIN20090530_113852_000000302079_00266_37895_9286.N1	30-MAY-2009 11:38:52	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37895	No
85	GOM_NL__2PRFIN20090530_115618_000000392079_00266_37895_9287.N1	30-MAY-2009 11:56:18	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37895	No
86	GOM_NL__2PRFIN20090530_120203_000000422079_00267_37896_9298.N1	30-MAY-2009 12:02:03	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37896	No
87	GOM_NL__2PRFIN20090530_121659_000000372079_00267_37896_9299.N1	30-MAY-2009 12:16:59	Tw_i_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37896	No
88	GOM_NL__2PRFIN20090530_121842_000000392079_00267_37896_9300.N1	30-MAY-2009 12:18:42	Tw_i_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37896	No
89	GOM_NL__2PRFIN20090530_122515_000000342079_00267_37896_9301.N1	30-MAY-2009 12:25:15	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37896	No
90	GOM_NL__2PRFIN20090530_122708_000000312079_00267_37896_9302.N1	30-MAY-2009 12:27:08	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37896	No
91	GOM_NL__2PRFIN20090530_123736_000000342079_00267_37896_9303.N1	30-MAY-2009 12:37:36	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37896	No
92	GOM_NL__2PRFIN20090530_124105_000000352079_00267_37896_9304.N1	30-MAY-2009 12:41:05	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37896	No
93	GOM_NL__2PRFIN20090530_124837_000000352079_00267_37896_9305.N1	30-MAY-2009 12:48:37	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37896	No
94	GOM_NL__2PRFIN20090530_125927_000000322079_00267_37896_9306.N1	30-MAY-2009 12:59:27	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37896	No
95	GOM_NL__2PRFIN20090530_131438_000000282079_00267_37896_9307.N1	30-MAY-2009 13:14:38	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37896	No
96	GOM_NL__2PRFIN20090530_131928_000000302079_00267_37896_9308.N1	30-MAY-2009 13:19:28	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37896	No
97	GOM_NL__2PRFIN20090530_133655_000000392079_00267_37896_9309.N1	30-MAY-2009 13:36:55	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37896	No
98	GOM_NL__2PRFIN20090530_134240_000000422079_00268_37897_9316.N1	30-MAY-2009 13:42:40	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37897	No
99	GOM_NL__2PRFIN20090530_135735_000000372079_00268_37897_9317.N1	30-MAY-2009 13:57:35	Tw_i_and_stray	37.000	38	20Eps Sgr	1.8360	11000.	74	37897	No
100	GOM_NL__2PRFIN20090530_135918_000000382079_00268_37897_9318.N1	30-MAY-2009 13:59:18	Tw_i_and_stray	38.000	116	19Del Sgr	2.7000	4100.0	76	37897	No
101	GOM_NL__2PRFIN20090530_140551_000000342079_00268_37897_9319.N1	30-MAY-2009 14:05:51	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37897	No

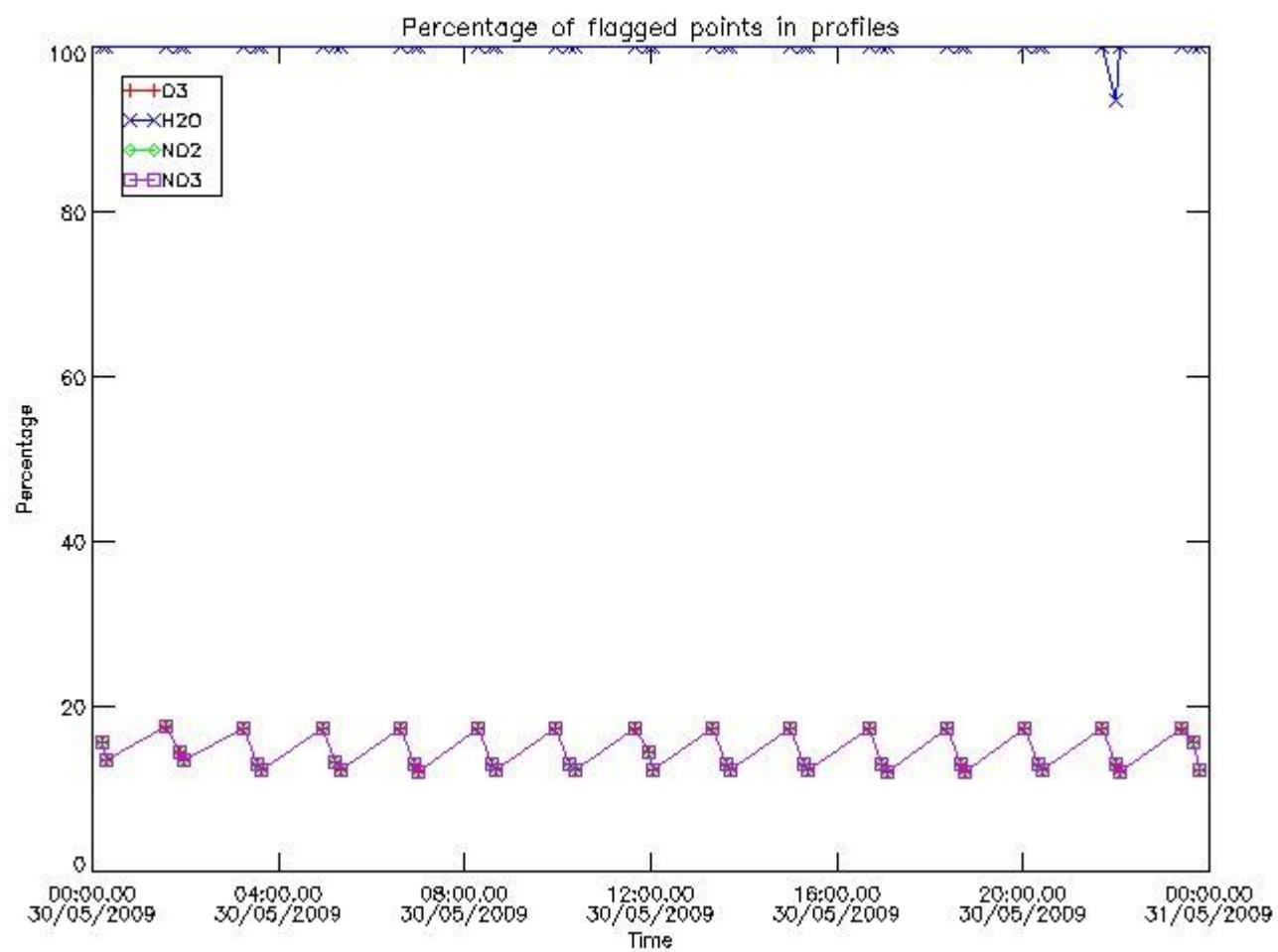
102	GOM_NL__2PRFIN20090530_140744_000000312079_00268_37897_9320.N1	30-MAY-2009 14:07:44	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37897	No
103	GOM_NL__2PRFIN20090530_141812_000000342079_00268_37897_9321.N1	30-MAY-2009 14:18:12	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37897	No
104	GOM_NL__2PRFIN20090530_142141_000000352079_00268_37897_9322.N1	30-MAY-2009 14:21:41	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37897	No
105	GOM_NL__2PRFIN20090530_142912_000000352079_00268_37897_9323.N1	30-MAY-2009 14:29:12	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37897	No
106	GOM_NL__2PRFIN20090530_144003_000000322079_00268_37897_9324.N1	30-MAY-2009 14:40:03	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37897	No
107	GOM_NL__2PRFIN20090530_145514_000000292079_00268_37897_9325.N1	30-MAY-2009 14:55:14	Twi_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37897	No
108	GOM_NL__2PRFIN20090530_150005_000000302079_00268_37897_9326.N1	30-MAY-2009 15:00:05	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37897	No
109	GOM_NL__2PRFIN20090530_151732_000000392079_00268_37897_9327.N1	30-MAY-2009 15:17:32	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37897	No
110	GOM_NL__2PRFIN20090530_152318_000000422079_00269_37898_9330.N1	30-MAY-2009 15:23:18	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37898	No
111	GOM_NL__2PRFIN20090530_153812_000000372079_00269_37898_9331.N1	30-MAY-2009 15:38:12	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37898	No
112	GOM_NL__2PRFIN20090530_153955_000000382079_00269_37898_9332.N1	30-MAY-2009 15:39:55	Twi_and_stray	38.000	116	19Del Sgr	2.7000	4100.0	76	37898	No
113	GOM_NL__2PRFIN20090530_154627_000000342079_00269_37898_9333.N1	30-MAY-2009 15:46:27	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37898	No
114	GOM_NL__2PRFIN20090530_154820_000000312079_00269_37898_9334.N1	30-MAY-2009 15:48:20	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37898	No
115	GOM_NL__2PRFIN20090530_155848_000000342079_00269_37898_9335.N1	30-MAY-2009 15:58:48	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37898	No
116	GOM_NL__2PRFIN20090530_160216_000000352079_00269_37898_9336.N1	30-MAY-2009 16:02:16	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37898	No
117	GOM_NL__2PRFIN20090530_160948_000000352079_00269_37898_9337.N1	30-MAY-2009 16:09:48	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37898	No
118	GOM_NL__2PRFIN20090530_162038_000000332079_00269_37898_9338.N1	30-MAY-2009 16:20:38	Twi_and_stray	32.500	89	5Alp Cep	2.4510	8000.0	65	37898	No
119	GOM_NL__2PRFIN20090530_163550_000000292079_00269_37898_9339.N1	30-MAY-2009 16:35:50	Twi_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37898	No
120	GOM_NL__2PRFIN20090530_164041_000000302079_00269_37898_9340.N1	30-MAY-2009 16:40:41	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37898	No
121	GOM_NL__2PRFIN20090530_165809_000000392079_00269_37898_9341.N1	30-MAY-2009 16:58:09	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37898	No
122	GOM_NL__2PRFIN20090530_170355_000000422079_00270_37899_9362.N1	30-MAY-2009 17:03:55	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37899	No
123	GOM_NL__2PRFIN20090530_171849_000000372079_00270_37899_9363.N1	30-MAY-2009 17:18:49	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37899	No
124	GOM_NL__2PRFIN20090530_172032_000000392079_00270_37899_9364.N1	30-MAY-2009 17:20:32	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37899	No
125	GOM_NL__2PRFIN20090530_172703_000000342079_00270_37899_9365.N1	30-MAY-2009 17:27:03	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37899	No
126	GOM_NL__2PRFIN20090530_172856_000000312079_00270_37899_9366.N1	30-MAY-2009 17:28:56	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37899	No
127	GOM_NL__2PRFIN20090530_173923_000000342079_00270_37899_9367.N1	30-MAY-2009 17:39:23	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37899	No
128	GOM_NL__2PRFIN20090530_174252_000000352079_00270_37899_9368.N1	30-MAY-2009 17:42:52	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37899	No
129	GOM_NL__2PRFIN20090530_175023_000000352079_00270_37899_9369.N1	30-MAY-2009 17:50:23	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37899	No
130	GOM_NL__2PRFIN20090530_180113_000000322079_00270_37899_9370.N1	30-MAY-2009 18:01:13	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37899	No
131	GOM_NL__2PRFIN20090530_181626_000000282079_00270_37899_9371.N1	30-MAY-2009 18:16:26	Twi_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37899	No
132	GOM_NL__2PRFIN20090530_182118_000000302079_00270_37899_9372.N1	30-MAY-2009 18:21:18	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37899	No
133	GOM_NL__2PRFIN20090530_183847_000000392079_00270_37899_9373.N1	30-MAY-2009 18:38:47	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37899	No
134	GOM_NL__2PRFIN20090530_184432_000000422079_00271_37900_9380.N1	30-MAY-2009 18:44:32	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37900	No
135	GOM_NL__2PRFIN20090530_185925_000000372079_00271_37900_9381.N1	30-MAY-2009 18:59:25	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37900	No
136	GOM_NL__2PRFIN20090530_190108_000000392079_00271_37900_9382.N1	30-MAY-2009 19:01:08	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37900	No
137	GOM_NL__2PRFIN20090530_190739_000000342079_00271_37900_9383.N1	30-MAY-2009 19:07:39	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37900	No
138	GOM_NL__2PRFIN20090530_190932_000000312079_00271_37900_9384.N1	30-MAY-2009 19:09:32	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37900	No
139	GOM_NL__2PRFIN20090530_191959_000000342079_00271_37900_9385.N1	30-MAY-2009 19:19:59	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37900	No
140	GOM_NL__2PRFIN20090530_192327_000000352079_00271_37900_9386.N1	30-MAY-2009 19:23:27	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37900	No
141	GOM_NL__2PRFIN20090530_193058_000000352079_00271_37900_9387.N1	30-MAY-2009 19:30:58	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37900	No
142	GOM_NL__2PRFIN20090530_194149_000000322079_00271_37900_9388.N1	30-MAY-2009 19:41:49	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37900	No
143	GOM_NL__2PRFIN20090530_195703_000000282079_00271_37900_9389.N1	30-MAY-2009 19:57:03	Twi_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37900	No
144	GOM_NL__2PRFIN20090530_200154_000000302079_00271_37900_9390.N1	30-MAY-2009 20:01:54	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37900	No
145	GOM_NL__2PRFIN20090530_201924_000000402079_00271_37900_9391.N1	30-MAY-2009 20:19:24	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37900	No
146	GOM_NL__2PRFIN20090530_202509_000000412079_00272_37901_9394.N1	30-MAY-2009 20:25:09	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37901	No
147	GOM_NL__2PRFIN20090530_204001_000000372079_00272_37901_9395.N1	30-MAY-2009 20:40:01	Twi_and_stray	37.000	38	20Eps Sgr	1.8360	11000.	74	37901	No
148	GOM_NL__2PRFIN20090530_204144_000000392079_00272_37901_9396.N1	30-MAY-2009 20:41:44	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37901	No
149	GOM_NL__2PRFIN20090530_204815_000000342079_00272_37901_9397.N1	30-MAY-2009 20:48:15	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37901	No
150	GOM_NL__2PRFIN20090530_205008_000000312079_00272_37901_9398.N1	30-MAY-2009 20:50:08	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37901	No
151	GOM_NL__2PRFIN20090530_210035_000000332079_00272_37901_9399.N1	30-MAY-2009 21:00:35	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37901	No
152	GOM_NL__2PRFIN20090530_210402_000000352079_00272_37901_9400.N1	30-MAY-2009 21:04:02	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37901	No
153	GOM_NL__2PRFIN20090530_211133_000000352079_00272_37901_9401.N1	30-MAY-2009 21:11:33	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37901	No
154	GOM_NL__2PRFIN20090530_212224_000000322079_00272_37901_9402.N1	30-MAY-2009 21:22:24	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37901	No
155	GOM_NL__2PRFIN20090530_213738_000000282079_00272_37901_9403.N1	30-MAY-2009 21:37:38	Twi_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37901	No
156	GOM_NL__2PRFIN20090530_214230_000000302079_00272_37901_9404.N1	30-MAY-2009 21:42:30	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37901	No
157	GOM_NL__2PRFIN20090530_220001_000000402079_00272_37901_9405.N1	30-MAY-2009 22:00:01	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37901	No
158	GOM_NL__2PRFIN20090530_220546_000000422079_00273_37902_9414.N1	30-MAY-2009 22:05:46	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37902	No
159	GOM_NL__2PRFIN20090530_222038_000000372079_00273_37902_9415.N1	30-MAY-2009 22:20:38	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37902	No
160	GOM_NL__2PRFIN20090530_222221_000000392079_00273_37902_9416.N1	30-MAY-2009 22:22:21	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37902	No

161	GOM_NL__2PRFIN20090530_222852_000000332079_00273_37902_9417.N1	30-MAY-2009 22:28:52	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37902	No
162	GOM_NL__2PRFIN20090530_223044_000000312079_00273_37902_9418.N1	30-MAY-2009 22:30:44	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37902	No
163	GOM_NL__2PRFIN20090530_224110_000000342079_00273_37902_9419.N1	30-MAY-2009 22:41:10	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37902	No
164	GOM_NL__2PRFIN20090530_224438_000000352079_00273_37902_9420.N1	30-MAY-2009 22:44:38	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37902	No
165	GOM_NL__2PRFIN20090530_225208_000000352079_00273_37902_9421.N1	30-MAY-2009 22:52:08	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37902	No
166	GOM_NL__2PRFIN20090530_230259_000000322079_00273_37902_9422.N1	30-MAY-2009 23:02:59	Twilight_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37902	No
167	GOM_NL__2PRFIN20090530_231815_000000282079_00273_37902_9423.N1	30-MAY-2009 23:18:15	Twilight_stray	28.000	58	21Alp And	2.0730	11000.	56	37902	No
168	GOM_NL__2PRFIN20090530_232307_000000302079_00273_37902_9424.N1	30-MAY-2009 23:23:07	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37902	No
169	GOM_NL__2PRFIN20090530_234038_000000392079_00273_37902_9425.N1	30-MAY-2009 23:40:38	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37902	No
170	GOM_NL__2PRFIN20090530_234624_000000422079_00274_37903_9429.N1	30-MAY-2009 23:46:24	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37903	No

3. Quality information per product

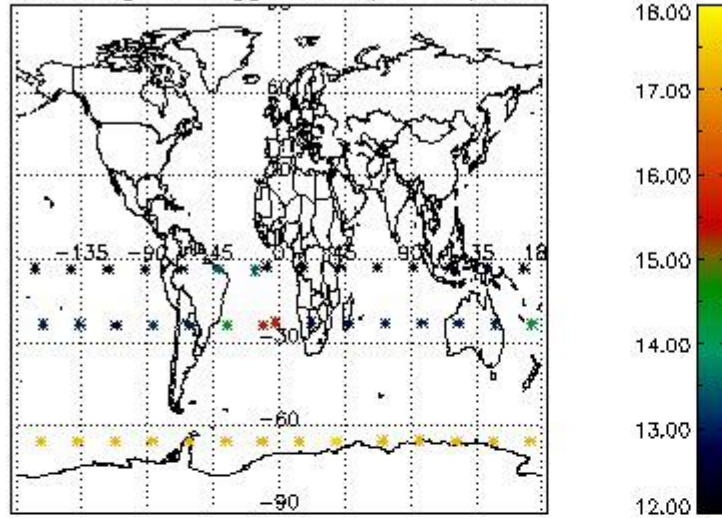
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

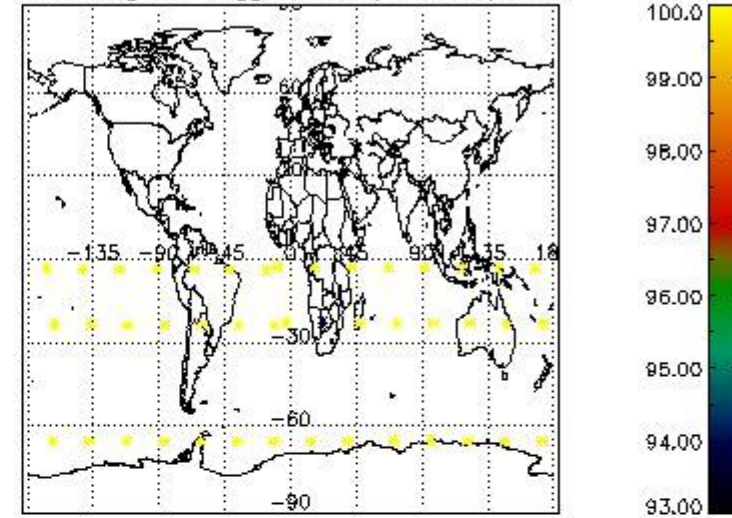


3.2 Plot quality information per product (world map)

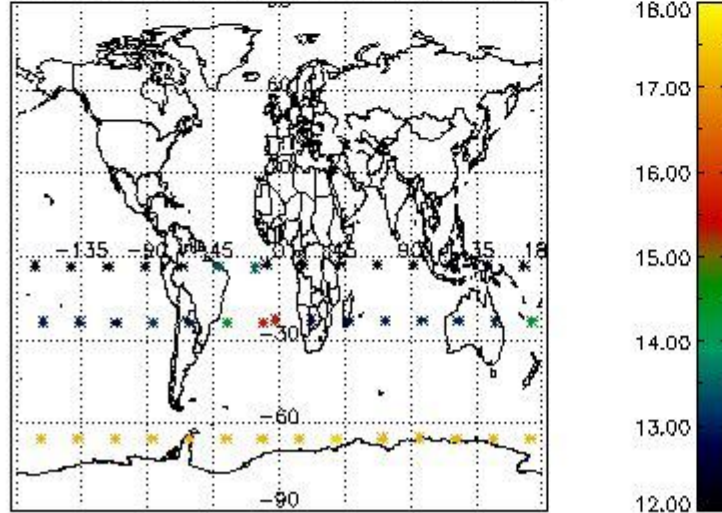
Percentage of flagged data per O3 profile



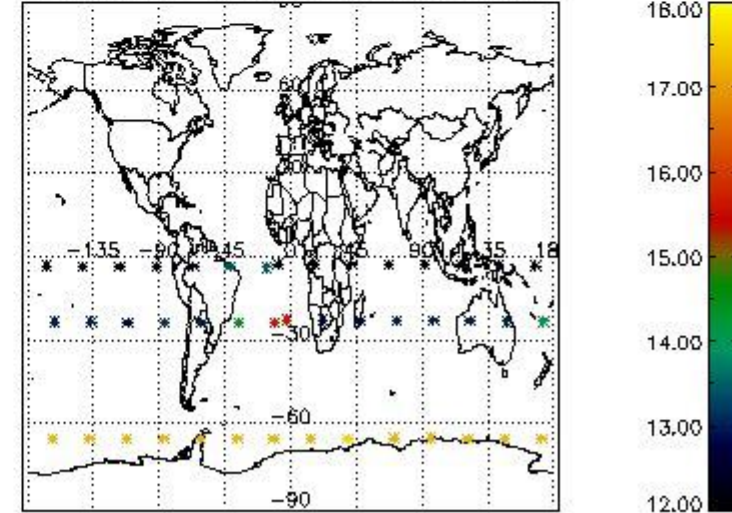
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

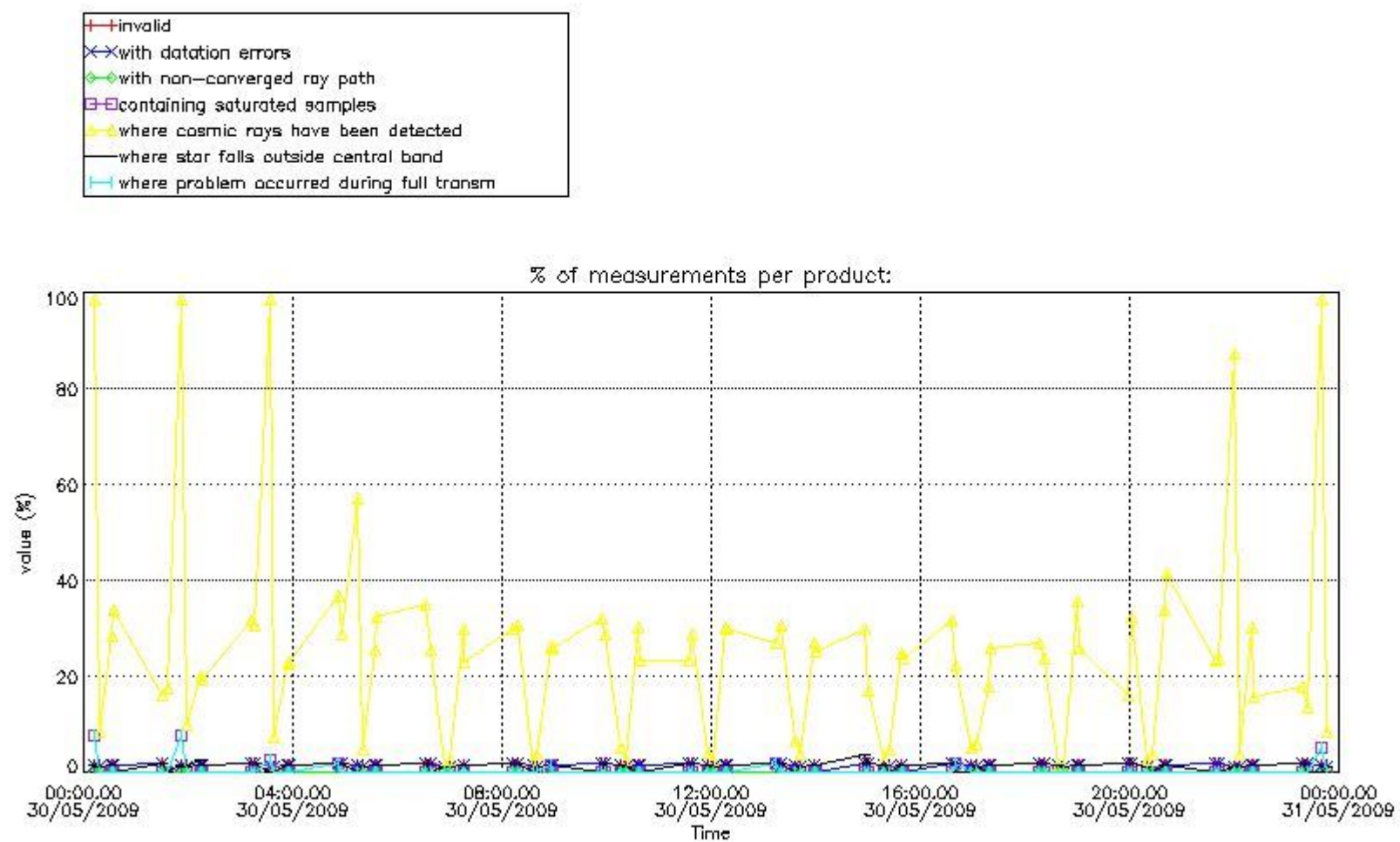


4. Level 1 quality information per product

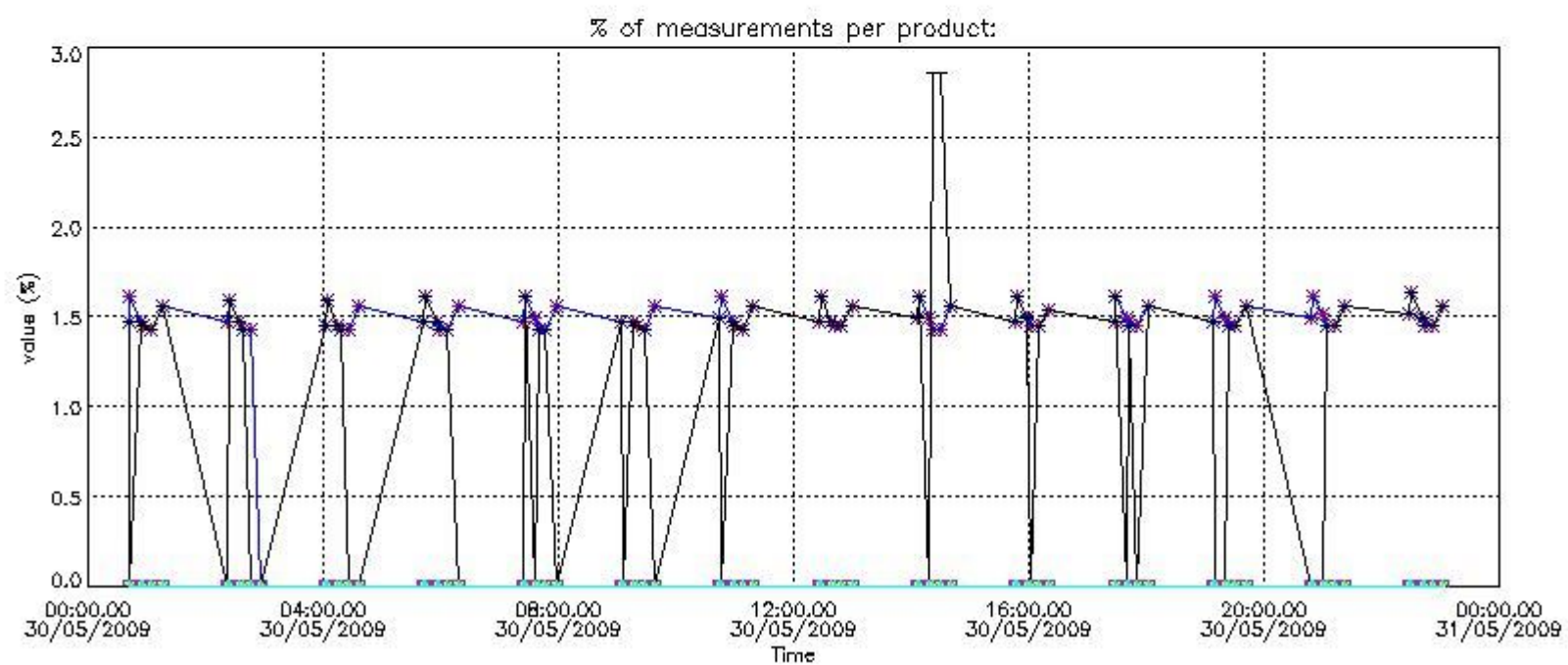
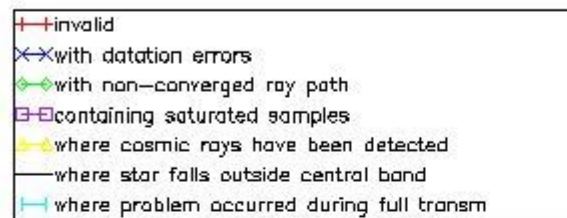
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

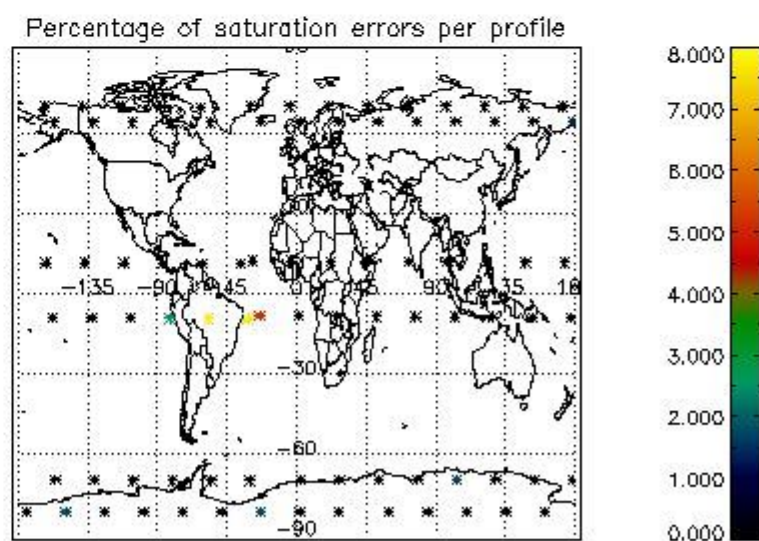
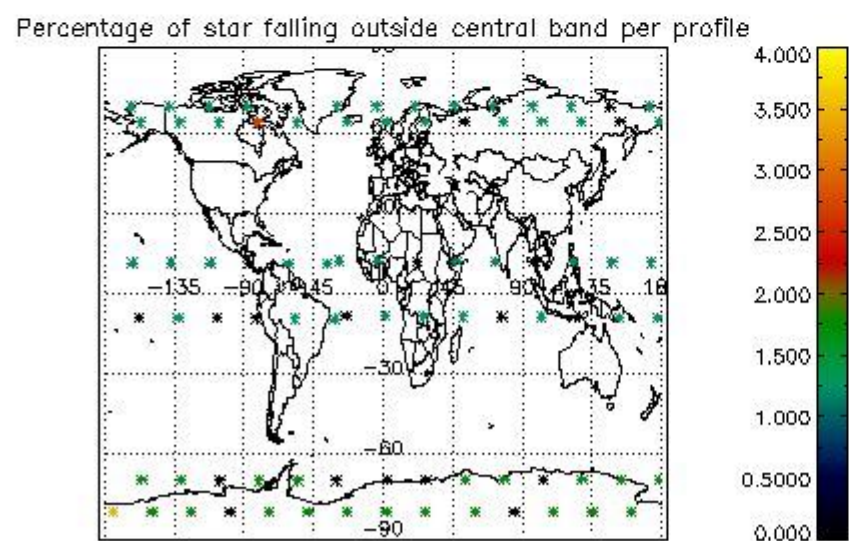
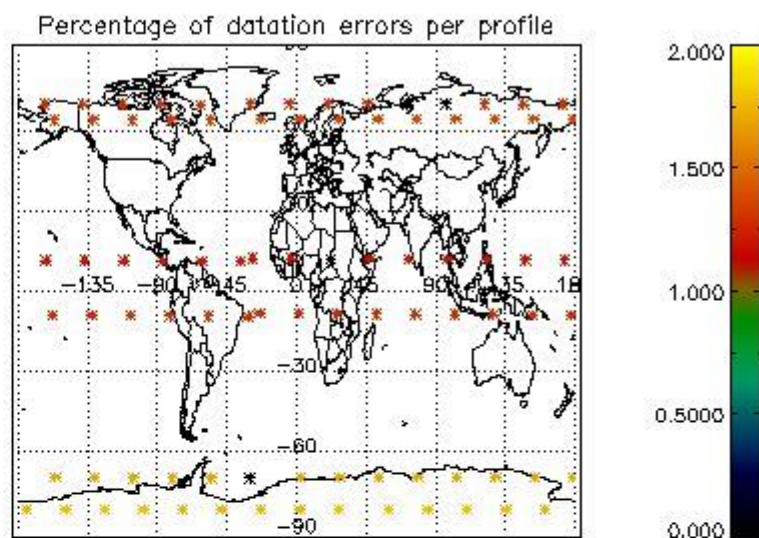
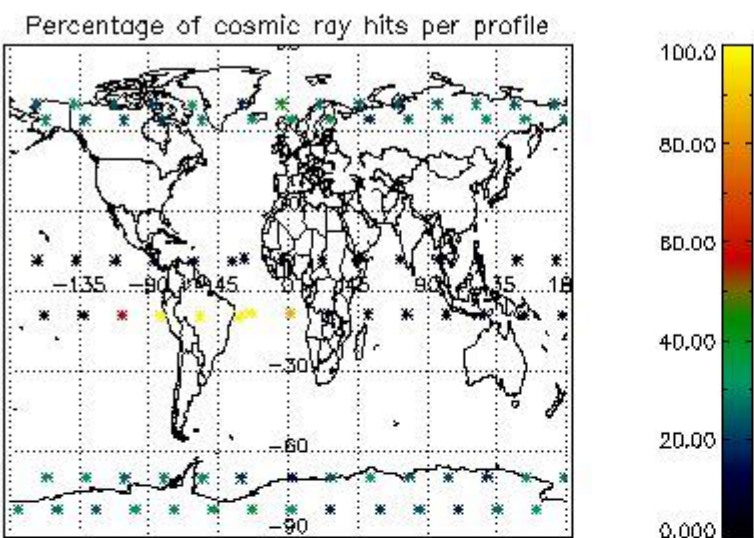


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

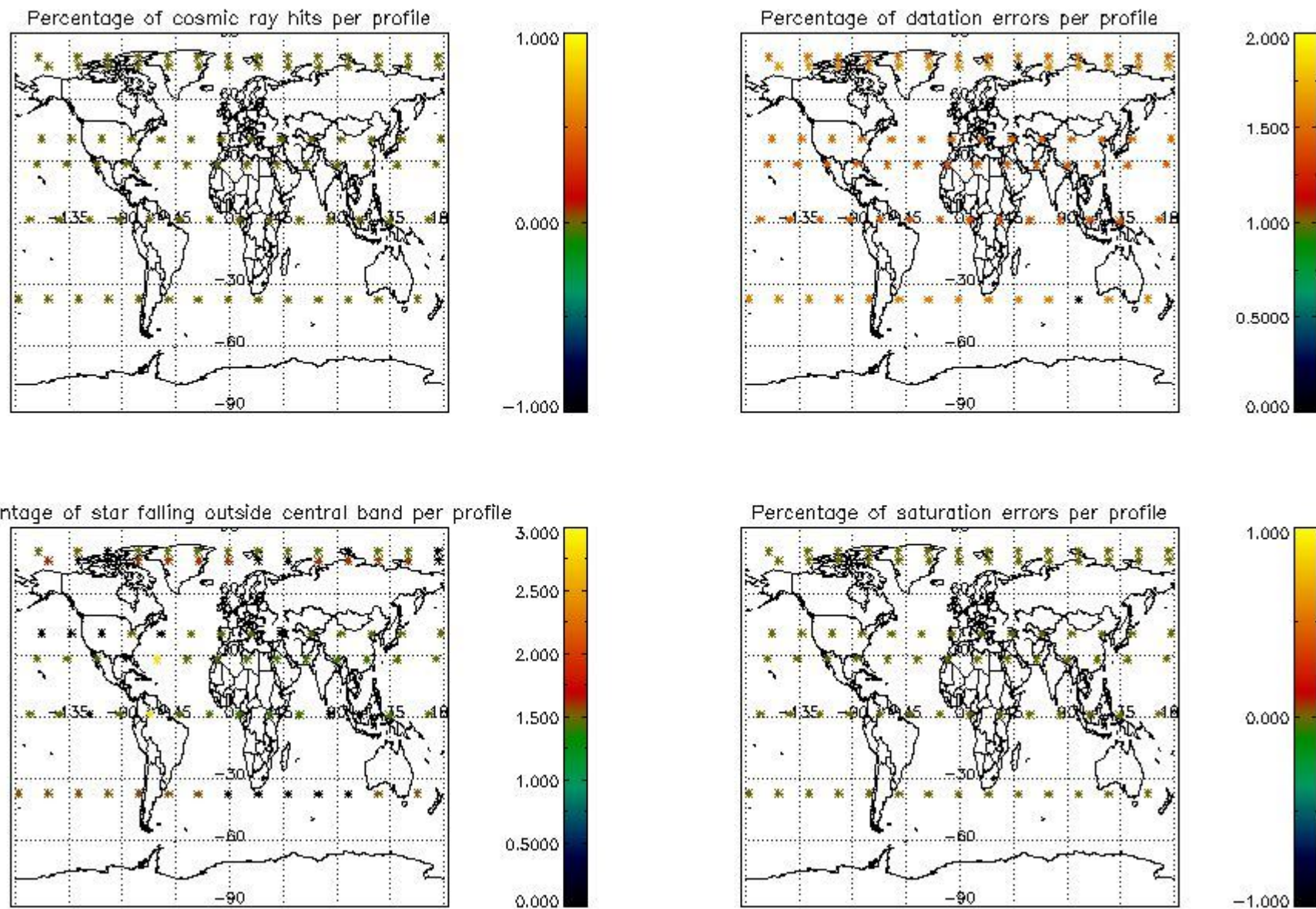


4.2 Plot quality information per product coming from level 1b processing (world map)

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

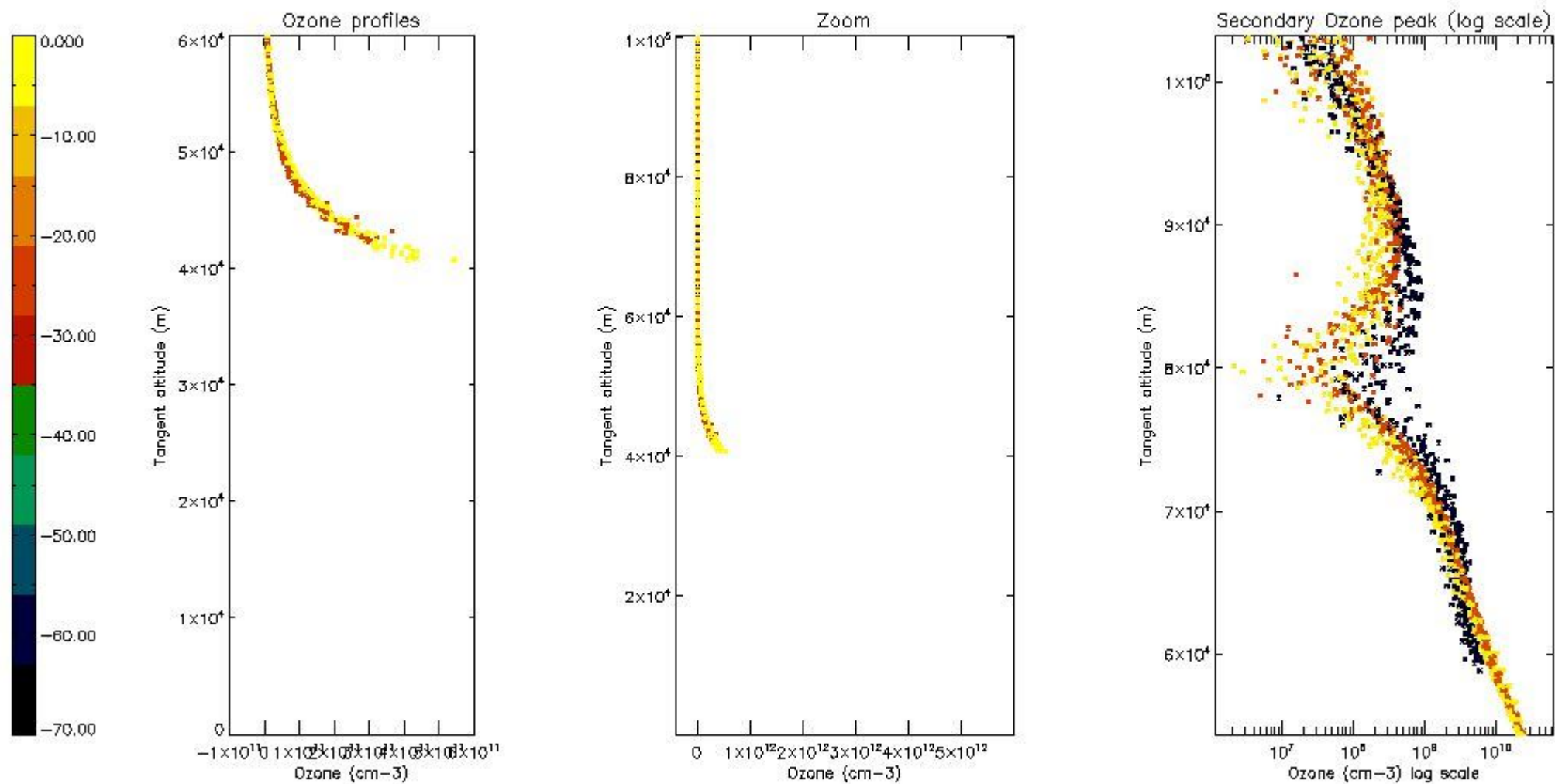
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	13

STD < 10	10
STD < 5	7

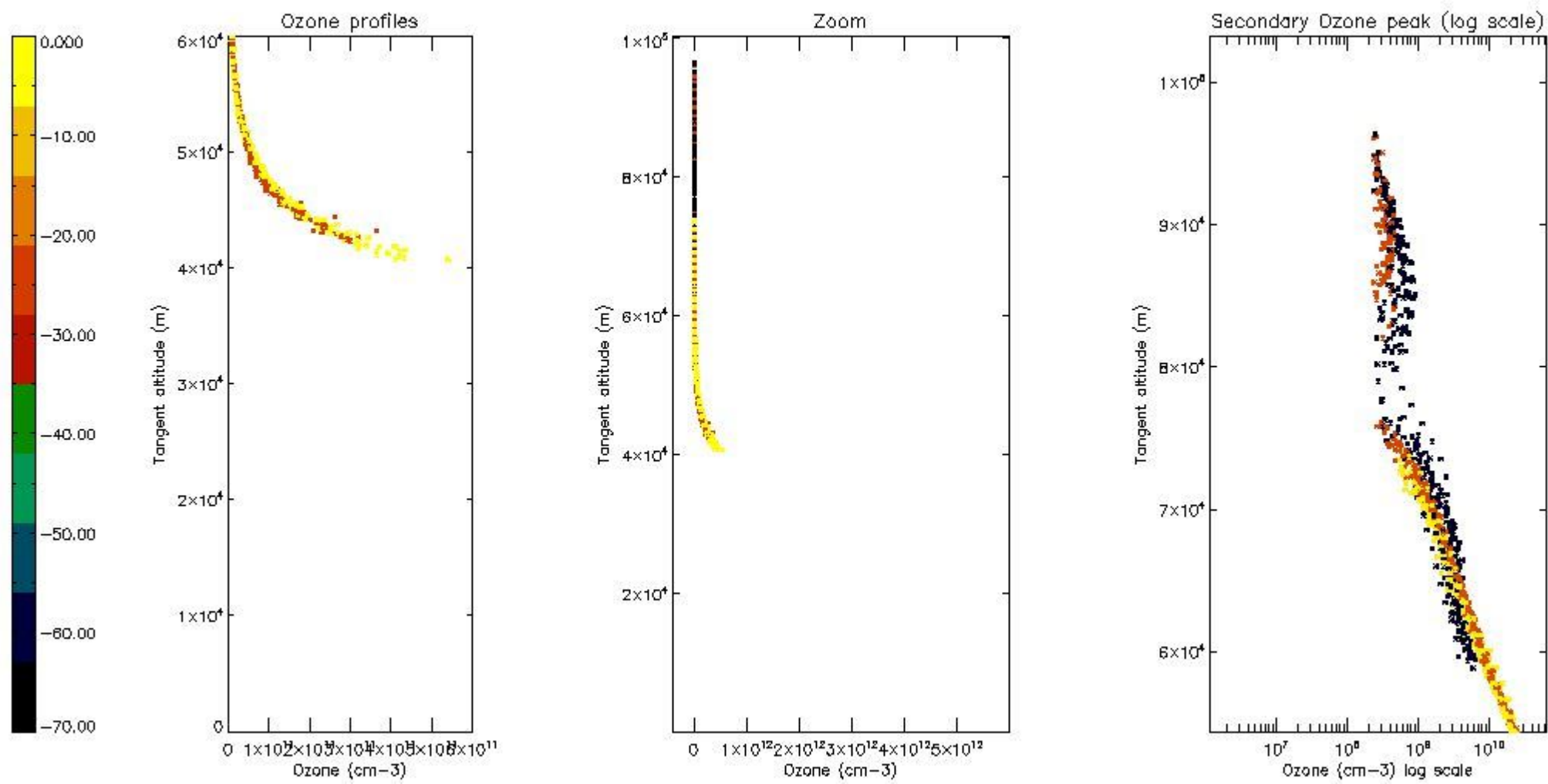
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



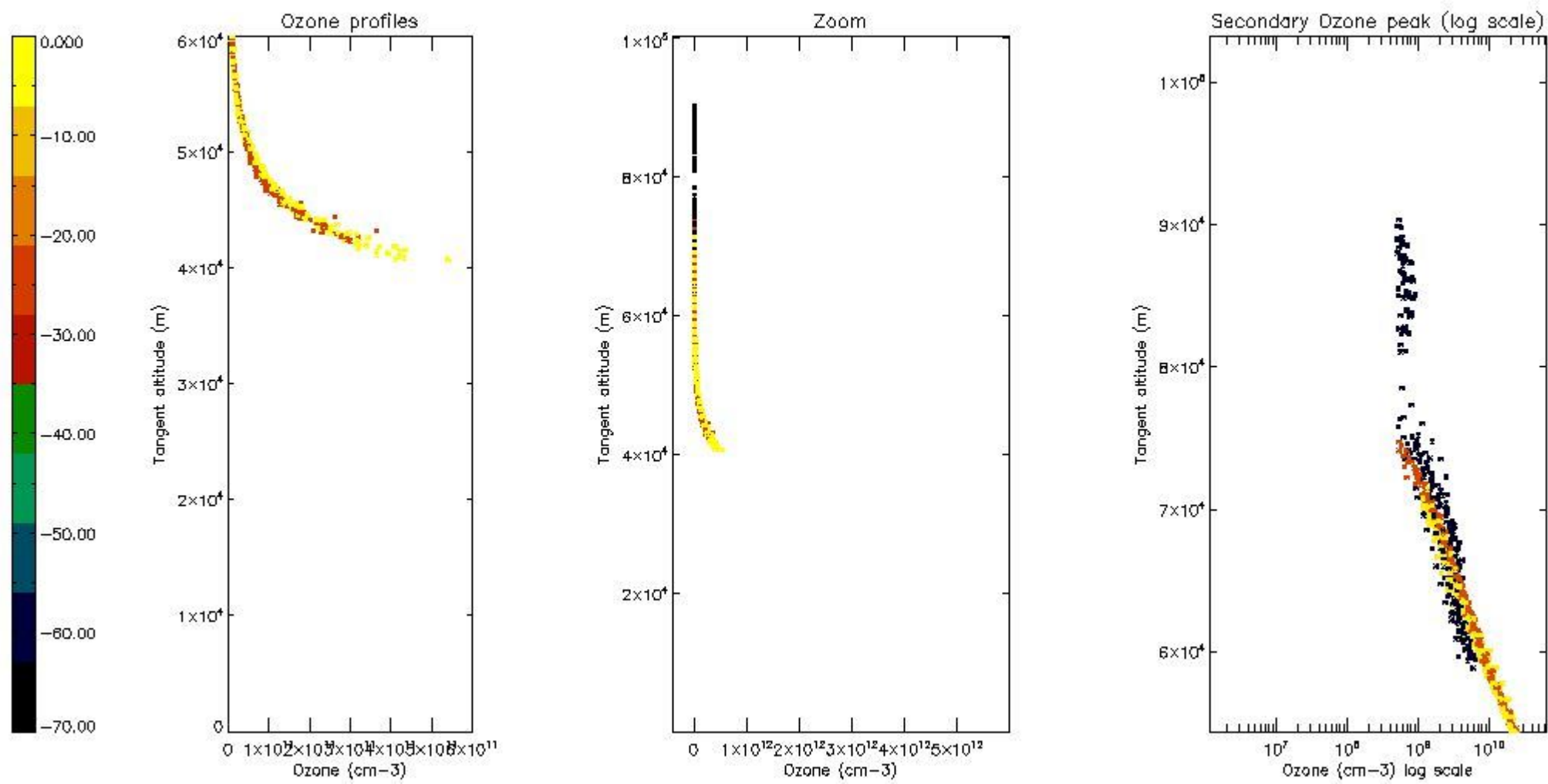
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



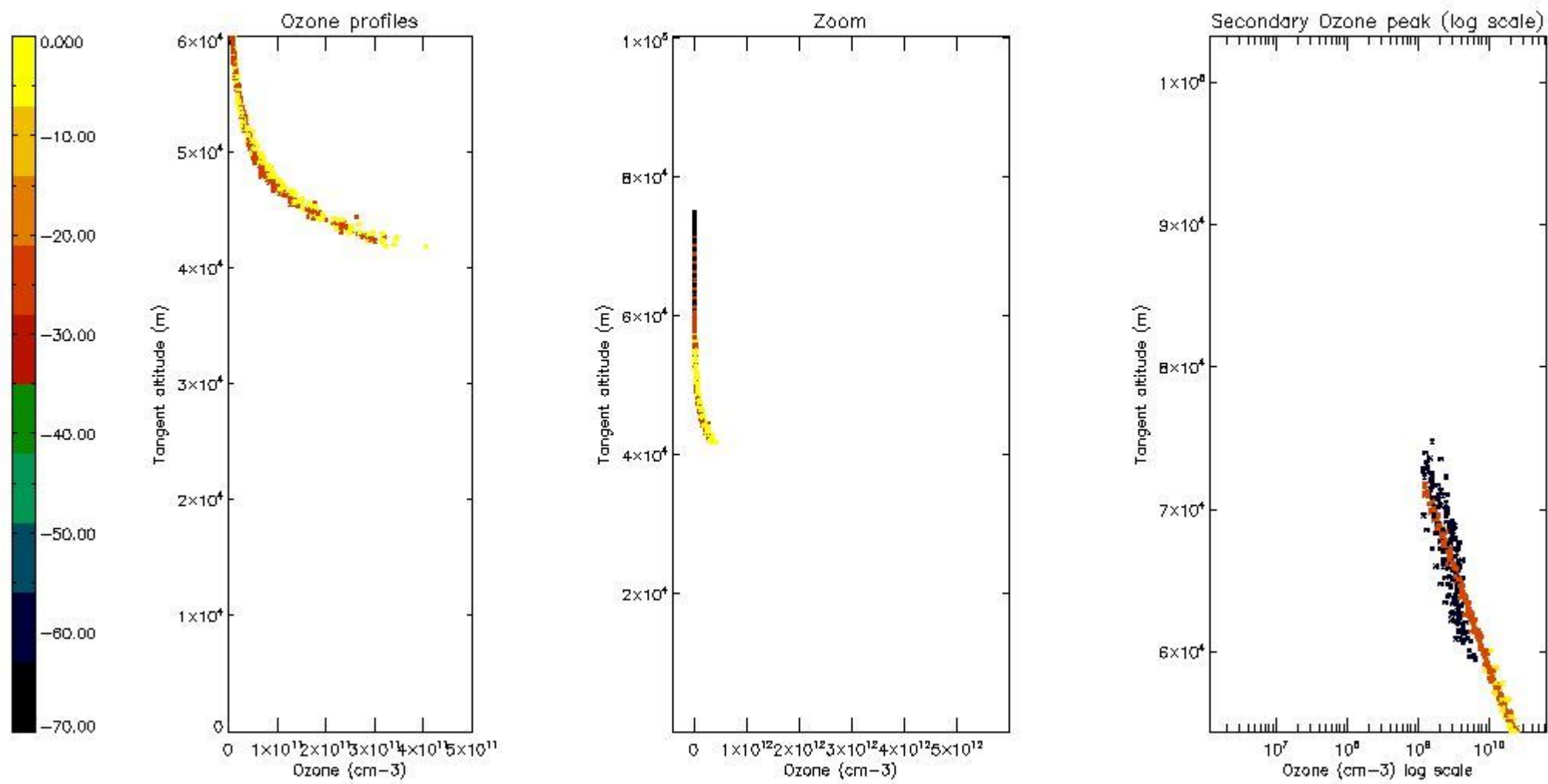
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



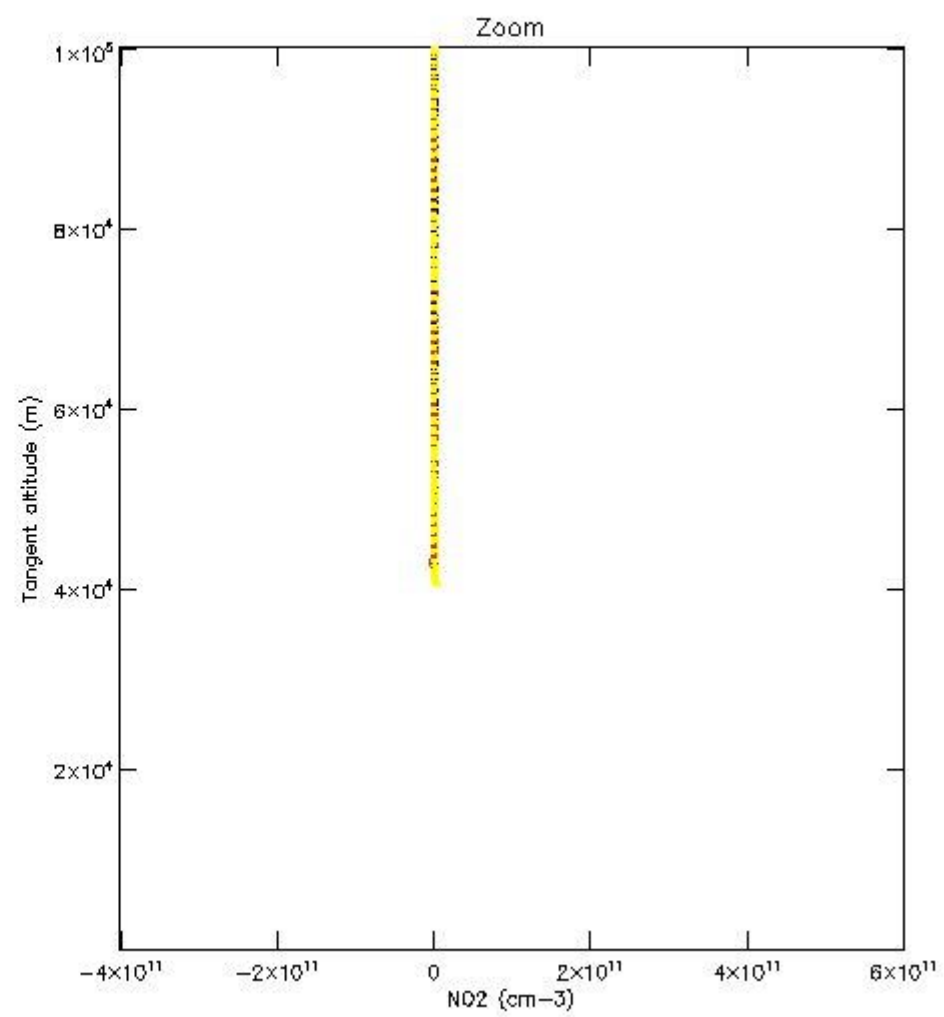
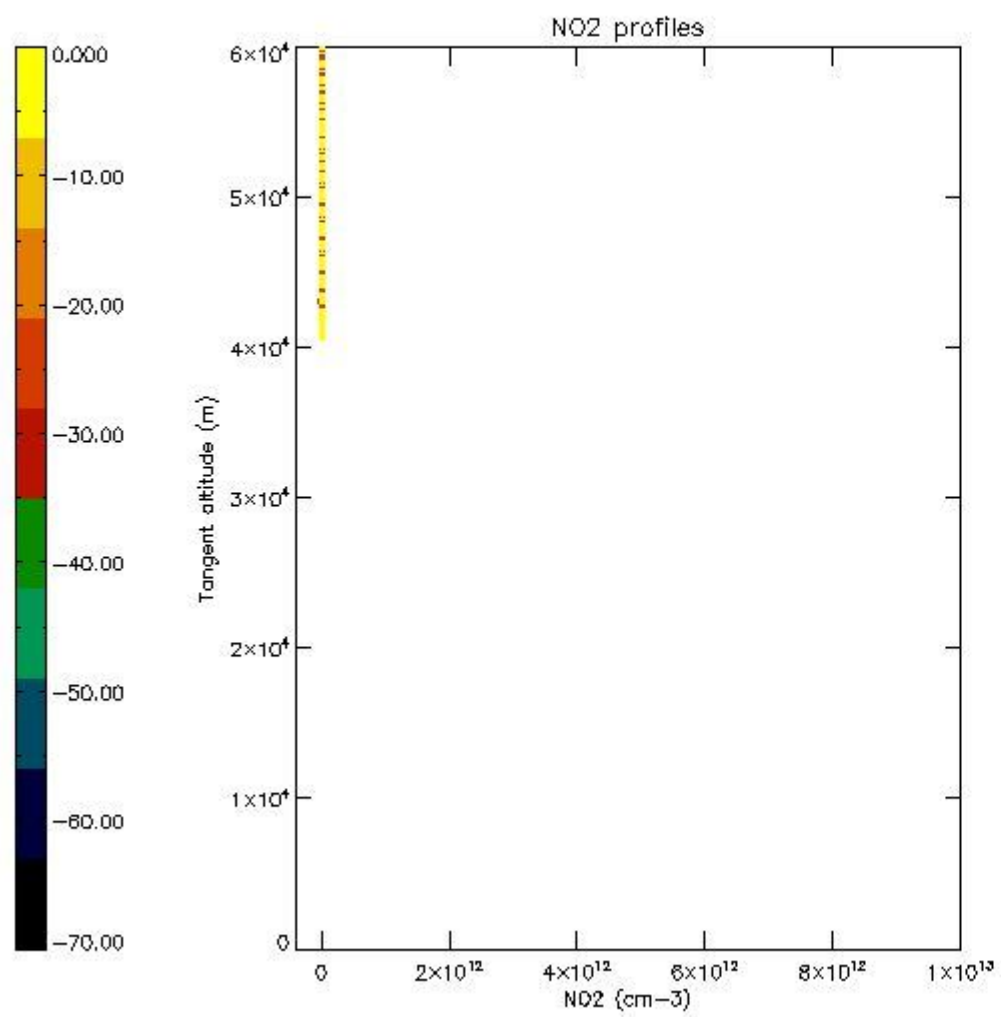
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



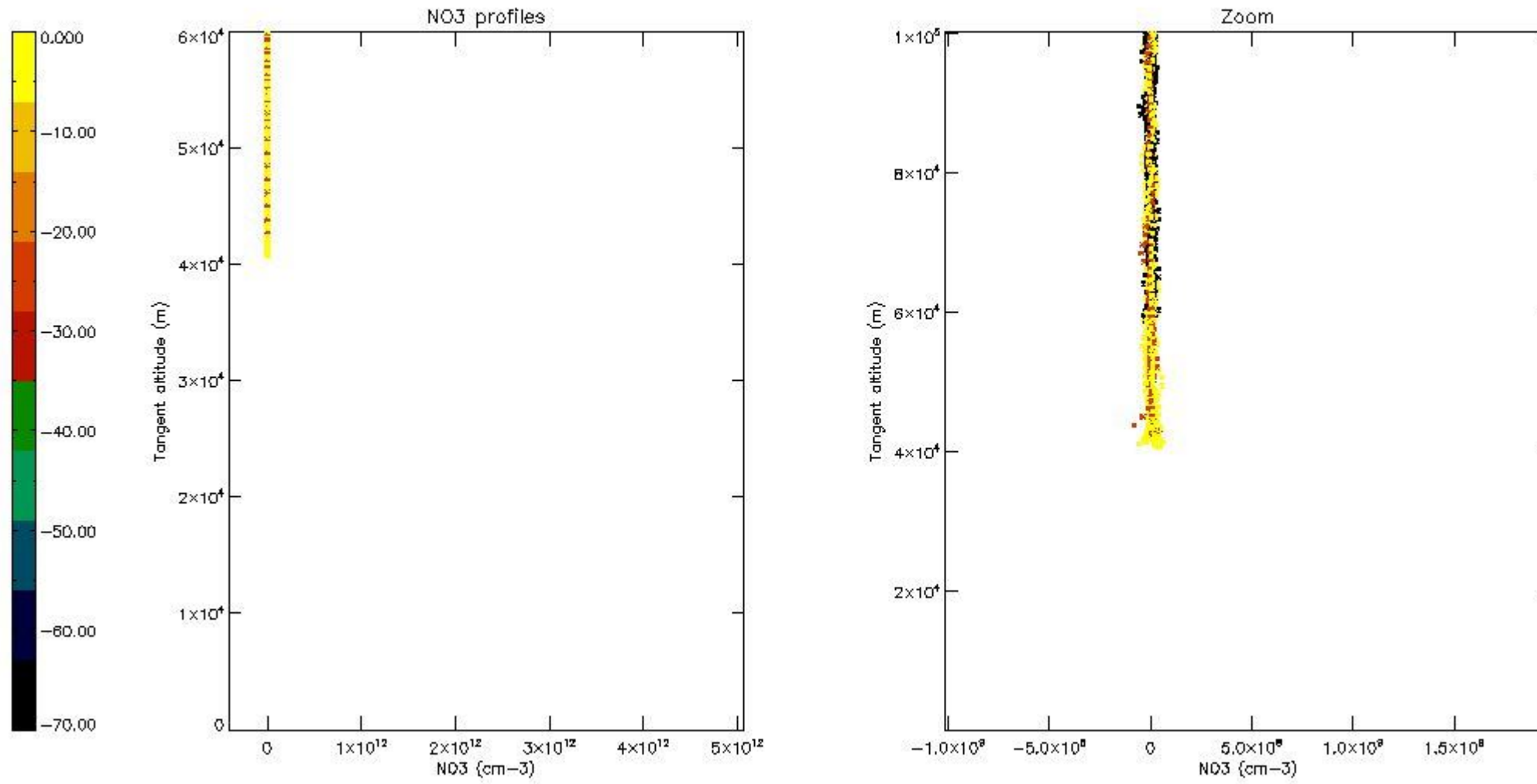
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	30-MAY-2009 00:11:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-MAY-2009 00:11:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-MAY-2009 00:11:58

GOMOS Level 2 Daily Report

SUMMARY

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

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

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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](#)

[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 09:51:24
Data source version	GOMOS/6.01
Start time of products	30-05-2009 (30MAY2009 00:00:00)
Stop time of products	31-05-2009 (31MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
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__2PRFIN20090530_001158_000000392079_00259_37888_8915.N1	30-MAY-2009 00:11:58	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37888	No
2	GOM_NL__2PRFIN20090530_001742_000000422079_00260_37889_8968.N1	30-MAY-2009 00:17:42	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37889	No
3	GOM_NL__2PRFIN20090530_003243_000000372079_00260_37889_8969.N1	30-MAY-2009 00:32:43	Twilight	37.000	38	20Eps Sgr	1.8360	11000.	74	37889	No
4	GOM_NL__2PRFIN20090530_003426_000000392079_00260_37889_8970.N1	30-MAY-2009 00:34:26	Twilight	38.500	116	19Del Sgr	2.7000	4100.0	77	37889	No
5	GOM_NL__2PRFIN20090530_004103_000000342079_00260_37889_8971.N1	30-MAY-2009 00:41:03	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37889	No
6	GOM_NL__2PRFIN20090530_004256_000000312079_00260_37889_8972.N1	30-MAY-2009 00:42:56	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37889	No
7	GOM_NL__2PRFIN20090530_005328_000000342079_00260_37889_8973.N1	30-MAY-2009 00:53:28	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37889	No
8	GOM_NL__2PRFIN20090530_005658_000000352079_00260_37889_8974.N1	30-MAY-2009 00:56:58	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37889	No
9	GOM_NL__2PRFIN20090530_010430_000000352079_00260_37889_8975.N1	30-MAY-2009 01:04:30	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37889	No
10	GOM_NL__2PRFIN20090530_011520_000000322079_00260_37889_8976.N1	30-MAY-2009 01:15:20	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37889	No
11	GOM_NL__2PRFIN20090530_013025_000000282079_00260_37889_8977.N1	30-MAY-2009 01:30:25	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37889	No
12	GOM_NL__2PRFIN20090530_013514_000000292079_00260_37889_8978.N1	30-MAY-2009 01:35:14	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37889	No
13	GOM_NL__2PRFIN20090530_015235_000000392079_00260_37889_8979.N1	30-MAY-2009 01:52:35	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37889	No
14	GOM_NL__2PRFIN20090530_015820_000000422079_00261_37890_9074.N1	30-MAY-2009 01:58:20	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37890	No
15	GOM_NL__2PRFIN20090530_021319_000000382079_00261_37890_9075.N1	30-MAY-2009 02:13:19	Twilight	37.500	38	20Eps Sgr	1.8360	11000.	75	37890	No
16	GOM_NL__2PRFIN20090530_021503_000000392079_00261_37890_9076.N1	30-MAY-2009 02:15:03	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37890	No
17	GOM_NL__2PRFIN20090530_022138_000000342079_00261_37890_9077.N1	30-MAY-2009 02:21:38	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37890	No
18	GOM_NL__2PRFIN20090530_022332_000000322079_00261_37890_9078.N1	30-MAY-2009 02:23:32	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37890	No
19	GOM_NL__2PRFIN20090530_023403_000000342079_00261_37890_9079.N1	30-MAY-2009 02:34:03	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37890	No
20	GOM_NL__2PRFIN20090530_023733_000000352079_00261_37890_9080.N1	30-MAY-2009 02:37:33	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37890	No
21	GOM_NL__2PRFIN20090530_024505_000000352079_00261_37890_9081.N1	30-MAY-2009 02:45:05	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37890	No
22	GOM_NL__2PRFIN20090530_025555_000000322079_00261_37890_9082.N1	30-MAY-2009 02:55:55	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37890	No
23	GOM_NL__2PRFIN20090530_031101_000000292079_00261_37890_9083.N1	30-MAY-2009 03:11:01	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37890	No
24	GOM_NL__2PRFIN20090530_031550_000000302079_00261_37890_9084.N1	30-MAY-2009 03:15:50	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37890	No
25	GOM_NL__2PRFIN20090530_033312_000000392079_00261_37890_9085.N1	30-MAY-2009 03:33:12	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37890	No
26	GOM_NL__2PRFIN20090530_033857_000000422079_00262_37891_9115.N1	30-MAY-2009 03:38:57	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37891	No
27	GOM_NL__2PRFIN20090530_035356_000000382079_00262_37891_9116.N1	30-MAY-2009 03:53:56	Twilight	37.500	38	20Eps Sgr	1.8360	11000.	75	37891	No
28	GOM_NL__2PRFIN20090530_035539_000000392079_00262_37891_9117.N1	30-MAY-2009 03:55:39	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37891	No
29	GOM_NL__2PRFIN20090530_040215_000000352079_00262_37891_9118.N1	30-MAY-2009 04:02:15	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37891	No
30	GOM_NL__2PRFIN20090530_040408_000000322079_00262_37891_9119.N1	30-MAY-2009 04:04:08	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37891	No
31	GOM_NL__2PRFIN20090530_041439_000000352079_00262_37891_9120.N1	30-MAY-2009 04:14:39	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37891	No
32	GOM_NL__2PRFIN20090530_041809_000000352079_00262_37891_9121.N1	30-MAY-2009 04:18:09	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37891	No
33	GOM_NL__2PRFIN20090530_042540_000000352079_00262_37891_9122.N1	30-MAY-2009 04:25:40	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37891	No
34	GOM_NL__2PRFIN20090530_043630_000000322079_00262_37891_9123.N1	30-MAY-2009 04:36:30	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37891	No
35	GOM_NL__2PRFIN20090530_045137_000000292079_00262_37891_9124.N1	30-MAY-2009 04:51:37	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37891	No
36	GOM_NL__2PRFIN20090530_045626_000000302079_00262_37891_9125.N1	30-MAY-2009 04:56:26	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37891	No
37	GOM_NL__2PRFIN20090530_051350_000000392079_00262_37891_9126.N1	30-MAY-2009 05:13:50	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37891	No
38	GOM_NL__2PRFIN20090530_051934_000000422079_00263_37892_9164.N1	30-MAY-2009 05:19:34	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37892	No
39	GOM_NL__2PRFIN20090530_053432_000000382079_00263_37892_9165.N1	30-MAY-2009 05:34:32	Twilight	37.500	38	20Eps Sgr	1.8360	11000.	75	37892	No
40	GOM_NL__2PRFIN20090530_053616_000000392079_00263_37892_9166.N1	30-MAY-2009 05:36:16	Twilight	38.500	116	19Del Sgr	2.7000	4100.0	77	37892	No
41	GOM_NL__2PRFIN20090530_054251_000000342079_00263_37892_9167.N1	30-MAY-2009 05:42:51	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37892	No
42	GOM_NL__2PRFIN20090530_054444_000000312079_00263_37892_9168.N1	30-MAY-2009 05:44:44	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37892	No

43	GOM_NL__2PRFIN20090530_055514_000000342079_00263_37892_9169.N1	30-MAY-2009 05:55:14	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37892	No
44	GOM_NL__2PRFIN20090530_055844_000000352079_00263_37892_9170.N1	30-MAY-2009 05:58:44	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37892	No
45	GOM_NL__2PRFIN20090530_060616_000000352079_00263_37892_9171.N1	30-MAY-2009 06:06:16	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37892	No
46	GOM_NL__2PRFIN20090530_061706_000000322079_00263_37892_9172.N1	30-MAY-2009 06:17:06	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37892	No
47	GOM_NL__2PRFIN20090530_063213_000000292079_00263_37892_9173.N1	30-MAY-2009 06:32:13	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37892	No
48	GOM_NL__2PRFIN20090530_063703_000000302079_00263_37892_9174.N1	30-MAY-2009 06:37:03	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37892	No
49	GOM_NL__2PRFIN20090530_065426_000000402079_00263_37892_9175.N1	30-MAY-2009 06:54:26	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37892	No
50	GOM_NL__2PRFIN20090530_070011_000000422079_00264_37893_9209.N1	30-MAY-2009 07:00:11	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37893	No
51	GOM_NL__2PRFIN20090530_071509_000000372079_00264_37893_9210.N1	30-MAY-2009 07:15:09	Tw_i_and_stray	37.000	38	20Eps Sgr	1.8360	11000.	74	37893	No
52	GOM_NL__2PRFIN20090530_071652_000000392079_00264_37893_9211.N1	30-MAY-2009 07:16:52	Tw_i_and_stray	39.000	116	19Del Sgr	2.7000	4100.0	78	37893	No
53	GOM_NL__2PRFIN20090530_072327_000000342079_00264_37893_9212.N1	30-MAY-2009 07:23:27	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37893	No
54	GOM_NL__2PRFIN20090530_072520_000000312079_00264_37893_9213.N1	30-MAY-2009 07:25:20	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37893	No
55	GOM_NL__2PRFIN20090530_073550_000000342079_00264_37893_9214.N1	30-MAY-2009 07:35:50	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37893	No
56	GOM_NL__2PRFIN20090530_073919_000000352079_00264_37893_9215.N1	30-MAY-2009 07:39:19	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37893	No
57	GOM_NL__2PRFIN20090530_074651_000000352079_00264_37893_9216.N1	30-MAY-2009 07:46:51	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37893	No
58	GOM_NL__2PRFIN20090530_075741_000000322079_00264_37893_9217.N1	30-MAY-2009 07:57:41	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37893	No
59	GOM_NL__2PRFIN20090530_081249_000000292079_00264_37893_9218.N1	30-MAY-2009 08:12:49	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37893	No
60	GOM_NL__2PRFIN20090530_081740_000000302079_00264_37893_9219.N1	30-MAY-2009 08:17:40	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37893	No
61	GOM_NL__2PRFIN20090530_083504_000000392079_00264_37893_9220.N1	30-MAY-2009 08:35:04	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37893	No
62	GOM_NL__2PRFIN20090530_084049_000000422079_00265_37894_9233.N1	30-MAY-2009 08:40:49	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37894	No
63	GOM_NL__2PRFIN20090530_085546_000000372079_00265_37894_9234.N1	30-MAY-2009 08:55:46	Tw_i_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37894	No
64	GOM_NL__2PRFIN20090530_085729_000000392079_00265_37894_9235.N1	30-MAY-2009 08:57:29	Tw_i_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37894	No
65	GOM_NL__2PRFIN20090530_090403_000000342079_00265_37894_9236.N1	30-MAY-2009 09:04:03	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37894	No
66	GOM_NL__2PRFIN20090530_090556_000000312079_00265_37894_9237.N1	30-MAY-2009 09:05:56	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37894	No
67	GOM_NL__2PRFIN20090530_091626_000000342079_00265_37894_9238.N1	30-MAY-2009 09:16:26	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37894	No
68	GOM_NL__2PRFIN20090530_091955_000000352079_00265_37894_9239.N1	30-MAY-2009 09:19:55	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37894	No
69	GOM_NL__2PRFIN20090530_092726_000000352079_00265_37894_9240.N1	30-MAY-2009 09:27:26	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37894	No
70	GOM_NL__2PRFIN20090530_093816_000000322079_00265_37894_9241.N1	30-MAY-2009 09:38:16	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37894	No
71	GOM_NL__2PRFIN20090530_095325_000000282079_00265_37894_9242.N1	30-MAY-2009 09:53:25	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37894	No
72	GOM_NL__2PRFIN20090530_095816_000000302079_00265_37894_9243.N1	30-MAY-2009 09:58:16	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37894	No
73	GOM_NL__2PRFIN20090530_101541_000000392079_00265_37894_9244.N1	30-MAY-2009 10:15:41	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37894	No
74	GOM_NL__2PRFIN20090530_102126_000000422079_00266_37895_9276.N1	30-MAY-2009 10:21:26	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37895	No
75	GOM_NL__2PRFIN20090530_103622_000000372079_00266_37895_9277.N1	30-MAY-2009 10:36:22	Tw_i_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37895	No
76	GOM_NL__2PRFIN20090530_103805_000000392079_00266_37895_9278.N1	30-MAY-2009 10:38:05	Tw_i_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37895	No
77	GOM_NL__2PRFIN20090530_104439_000000342079_00266_37895_9279.N1	30-MAY-2009 10:44:39	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37895	No
78	GOM_NL__2PRFIN20090530_104632_000000312079_00266_37895_9280.N1	30-MAY-2009 10:46:32	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37895	No
79	GOM_NL__2PRFIN20090530_105701_000000342079_00266_37895_9281.N1	30-MAY-2009 10:57:01	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37895	No
80	GOM_NL__2PRFIN20090530_110030_000000352079_00266_37895_9282.N1	30-MAY-2009 11:00:30	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37895	No
81	GOM_NL__2PRFIN20090530_110801_000000352079_00266_37895_9283.N1	30-MAY-2009 11:08:01	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37895	No
82	GOM_NL__2PRFIN20090530_111852_000000322079_00266_37895_9284.N1	30-MAY-2009 11:18:52	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37895	No
83	GOM_NL__2PRFIN20090530_113402_000000282079_00266_37895_9285.N1	30-MAY-2009 11:34:02	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37895	No
84	GOM_NL__2PRFIN20090530_113852_000000302079_00266_37895_9286.N1	30-MAY-2009 11:38:52	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37895	No
85	GOM_NL__2PRFIN20090530_115618_000000392079_00266_37895_9287.N1	30-MAY-2009 11:56:18	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37895	No
86	GOM_NL__2PRFIN20090530_120203_000000422079_00267_37896_9298.N1	30-MAY-2009 12:02:03	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37896	No
87	GOM_NL__2PRFIN20090530_121659_000000372079_00267_37896_9299.N1	30-MAY-2009 12:16:59	Tw_i_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37896	No
88	GOM_NL__2PRFIN20090530_121842_000000392079_00267_37896_9300.N1	30-MAY-2009 12:18:42	Tw_i_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37896	No
89	GOM_NL__2PRFIN20090530_122515_000000342079_00267_37896_9301.N1	30-MAY-2009 12:25:15	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37896	No
90	GOM_NL__2PRFIN20090530_122708_000000312079_00267_37896_9302.N1	30-MAY-2009 12:27:08	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37896	No
91	GOM_NL__2PRFIN20090530_123736_000000342079_00267_37896_9303.N1	30-MAY-2009 12:37:36	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37896	No
92	GOM_NL__2PRFIN20090530_124105_000000352079_00267_37896_9304.N1	30-MAY-2009 12:41:05	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37896	No
93	GOM_NL__2PRFIN20090530_124837_000000352079_00267_37896_9305.N1	30-MAY-2009 12:48:37	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37896	No
94	GOM_NL__2PRFIN20090530_125927_000000322079_00267_37896_9306.N1	30-MAY-2009 12:59:27	Tw_i_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37896	No
95	GOM_NL__2PRFIN20090530_131438_000000282079_00267_37896_9307.N1	30-MAY-2009 13:14:38	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37896	No
96	GOM_NL__2PRFIN20090530_131928_000000302079_00267_37896_9308.N1	30-MAY-2009 13:19:28	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37896	No
97	GOM_NL__2PRFIN20090530_133655_000000392079_00267_37896_9309.N1	30-MAY-2009 13:36:55	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37896	No
98	GOM_NL__2PRFIN20090530_134240_000000422079_00268_37897_9316.N1	30-MAY-2009 13:42:40	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37897	No
99	GOM_NL__2PRFIN20090530_135735_000000372079_00268_37897_9317.N1	30-MAY-2009 13:57:35	Tw_i_and_stray	37.000	38	20Eps Sgr	1.8360	11000.	74	37897	No
100	GOM_NL__2PRFIN20090530_135918_000000382079_00268_37897_9318.N1	30-MAY-2009 13:59:18	Tw_i_and_stray	38.000	116	19Del Sgr	2.7000	4100.0	76	37897	No
101	GOM_NL__2PRFIN20090530_140551_000000342079_00268_37897_9319.N1	30-MAY-2009 14:05:51	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37897	No

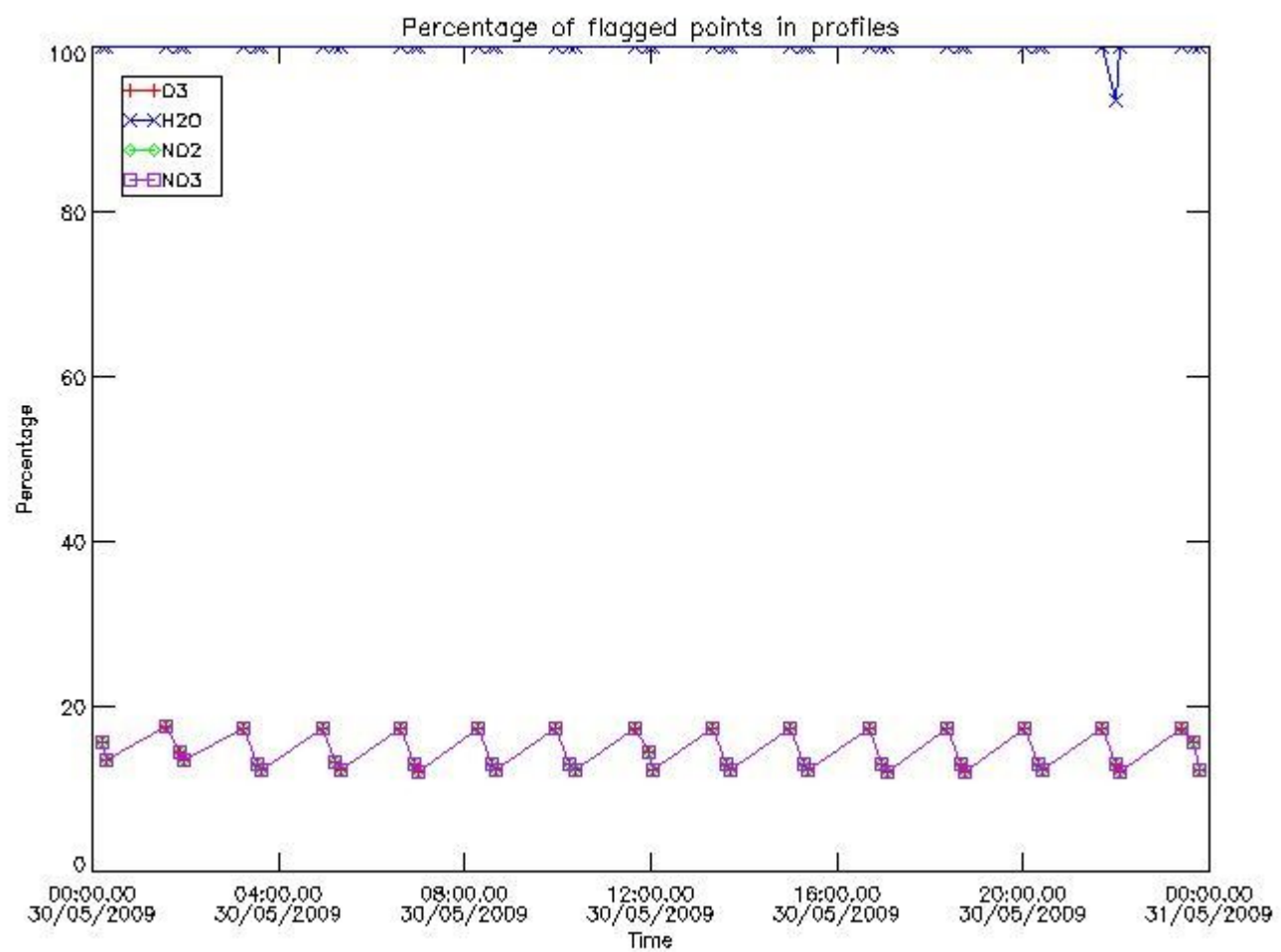
102	GOM_NL__2PRFIN20090530_140744_000000312079_00268_37897_9320.N1	30-MAY-2009 14:07:44	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37897	No
103	GOM_NL__2PRFIN20090530_141812_000000342079_00268_37897_9321.N1	30-MAY-2009 14:18:12	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37897	No
104	GOM_NL__2PRFIN20090530_142141_000000352079_00268_37897_9322.N1	30-MAY-2009 14:21:41	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37897	No
105	GOM_NL__2PRFIN20090530_142912_000000352079_00268_37897_9323.N1	30-MAY-2009 14:29:12	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37897	No
106	GOM_NL__2PRFIN20090530_144003_000000322079_00268_37897_9324.N1	30-MAY-2009 14:40:03	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37897	No
107	GOM_NL__2PRFIN20090530_145514_000000292079_00268_37897_9325.N1	30-MAY-2009 14:55:14	Twi_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37897	No
108	GOM_NL__2PRFIN20090530_150005_000000302079_00268_37897_9326.N1	30-MAY-2009 15:00:05	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37897	No
109	GOM_NL__2PRFIN20090530_151732_000000392079_00268_37897_9327.N1	30-MAY-2009 15:17:32	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37897	No
110	GOM_NL__2PRFIN20090530_152318_000000422079_00269_37898_9330.N1	30-MAY-2009 15:23:18	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37898	No
111	GOM_NL__2PRFIN20090530_153812_000000372079_00269_37898_9331.N1	30-MAY-2009 15:38:12	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37898	No
112	GOM_NL__2PRFIN20090530_153955_000000382079_00269_37898_9332.N1	30-MAY-2009 15:39:55	Twi_and_stray	38.000	116	19Del Sgr	2.7000	4100.0	76	37898	No
113	GOM_NL__2PRFIN20090530_154627_000000342079_00269_37898_9333.N1	30-MAY-2009 15:46:27	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37898	No
114	GOM_NL__2PRFIN20090530_154820_000000312079_00269_37898_9334.N1	30-MAY-2009 15:48:20	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37898	No
115	GOM_NL__2PRFIN20090530_155848_000000342079_00269_37898_9335.N1	30-MAY-2009 15:58:48	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37898	No
116	GOM_NL__2PRFIN20090530_160216_000000352079_00269_37898_9336.N1	30-MAY-2009 16:02:16	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37898	No
117	GOM_NL__2PRFIN20090530_160948_000000352079_00269_37898_9337.N1	30-MAY-2009 16:09:48	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37898	No
118	GOM_NL__2PRFIN20090530_162038_000000332079_00269_37898_9338.N1	30-MAY-2009 16:20:38	Twi_and_stray	32.500	89	5Alp Cep	2.4510	8000.0	65	37898	No
119	GOM_NL__2PRFIN20090530_163550_000000292079_00269_37898_9339.N1	30-MAY-2009 16:35:50	Twi_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37898	No
120	GOM_NL__2PRFIN20090530_164041_000000302079_00269_37898_9340.N1	30-MAY-2009 16:40:41	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37898	No
121	GOM_NL__2PRFIN20090530_165809_000000392079_00269_37898_9341.N1	30-MAY-2009 16:58:09	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37898	No
122	GOM_NL__2PRFIN20090530_170355_000000422079_00270_37899_9362.N1	30-MAY-2009 17:03:55	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37899	No
123	GOM_NL__2PRFIN20090530_171849_000000372079_00270_37899_9363.N1	30-MAY-2009 17:18:49	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37899	No
124	GOM_NL__2PRFIN20090530_172032_000000392079_00270_37899_9364.N1	30-MAY-2009 17:20:32	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37899	No
125	GOM_NL__2PRFIN20090530_172703_000000342079_00270_37899_9365.N1	30-MAY-2009 17:27:03	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37899	No
126	GOM_NL__2PRFIN20090530_172856_000000312079_00270_37899_9366.N1	30-MAY-2009 17:28:56	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37899	No
127	GOM_NL__2PRFIN20090530_173923_000000342079_00270_37899_9367.N1	30-MAY-2009 17:39:23	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37899	No
128	GOM_NL__2PRFIN20090530_174252_000000352079_00270_37899_9368.N1	30-MAY-2009 17:42:52	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37899	No
129	GOM_NL__2PRFIN20090530_175023_000000352079_00270_37899_9369.N1	30-MAY-2009 17:50:23	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37899	No
130	GOM_NL__2PRFIN20090530_180113_000000322079_00270_37899_9370.N1	30-MAY-2009 18:01:13	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37899	No
131	GOM_NL__2PRFIN20090530_181626_000000282079_00270_37899_9371.N1	30-MAY-2009 18:16:26	Twi_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37899	No
132	GOM_NL__2PRFIN20090530_182118_000000302079_00270_37899_9372.N1	30-MAY-2009 18:21:18	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37899	No
133	GOM_NL__2PRFIN20090530_183847_000000392079_00270_37899_9373.N1	30-MAY-2009 18:38:47	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37899	No
134	GOM_NL__2PRFIN20090530_184432_000000422079_00271_37900_9380.N1	30-MAY-2009 18:44:32	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37900	No
135	GOM_NL__2PRFIN20090530_185925_000000372079_00271_37900_9381.N1	30-MAY-2009 18:59:25	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37900	No
136	GOM_NL__2PRFIN20090530_190108_000000392079_00271_37900_9382.N1	30-MAY-2009 19:01:08	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37900	No
137	GOM_NL__2PRFIN20090530_190739_000000342079_00271_37900_9383.N1	30-MAY-2009 19:07:39	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37900	No
138	GOM_NL__2PRFIN20090530_190932_000000312079_00271_37900_9384.N1	30-MAY-2009 19:09:32	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37900	No
139	GOM_NL__2PRFIN20090530_191959_000000342079_00271_37900_9385.N1	30-MAY-2009 19:19:59	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37900	No
140	GOM_NL__2PRFIN20090530_192327_000000352079_00271_37900_9386.N1	30-MAY-2009 19:23:27	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37900	No
141	GOM_NL__2PRFIN20090530_193058_000000352079_00271_37900_9387.N1	30-MAY-2009 19:30:58	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37900	No
142	GOM_NL__2PRFIN20090530_194149_000000322079_00271_37900_9388.N1	30-MAY-2009 19:41:49	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37900	No
143	GOM_NL__2PRFIN20090530_195703_000000282079_00271_37900_9389.N1	30-MAY-2009 19:57:03	Twi_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37900	No
144	GOM_NL__2PRFIN20090530_200154_000000302079_00271_37900_9390.N1	30-MAY-2009 20:01:54	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37900	No
145	GOM_NL__2PRFIN20090530_201924_000000402079_00271_37900_9391.N1	30-MAY-2009 20:19:24	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37900	No
146	GOM_NL__2PRFIN20090530_202509_000000412079_00272_37901_9394.N1	30-MAY-2009 20:25:09	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37901	No
147	GOM_NL__2PRFIN20090530_204001_000000372079_00272_37901_9395.N1	30-MAY-2009 20:40:01	Twi_and_stray	37.000	38	20Eps Sgr	1.8360	11000.	74	37901	No
148	GOM_NL__2PRFIN20090530_204144_000000392079_00272_37901_9396.N1	30-MAY-2009 20:41:44	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37901	No
149	GOM_NL__2PRFIN20090530_204815_000000342079_00272_37901_9397.N1	30-MAY-2009 20:48:15	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37901	No
150	GOM_NL__2PRFIN20090530_205008_000000312079_00272_37901_9398.N1	30-MAY-2009 20:50:08	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37901	No
151	GOM_NL__2PRFIN20090530_210035_000000332079_00272_37901_9399.N1	30-MAY-2009 21:00:35	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37901	No
152	GOM_NL__2PRFIN20090530_210402_000000352079_00272_37901_9400.N1	30-MAY-2009 21:04:02	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37901	No
153	GOM_NL__2PRFIN20090530_211133_000000352079_00272_37901_9401.N1	30-MAY-2009 21:11:33	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37901	No
154	GOM_NL__2PRFIN20090530_212224_000000322079_00272_37901_9402.N1	30-MAY-2009 21:22:24	Twi_and_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37901	No
155	GOM_NL__2PRFIN20090530_213738_000000282079_00272_37901_9403.N1	30-MAY-2009 21:37:38	Twi_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37901	No
156	GOM_NL__2PRFIN20090530_214230_000000302079_00272_37901_9404.N1	30-MAY-2009 21:42:30	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37901	No
157	GOM_NL__2PRFIN20090530_220001_000000402079_00272_37901_9405.N1	30-MAY-2009 22:00:01	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37901	No
158	GOM_NL__2PRFIN20090530_220546_000000422079_00273_37902_9414.N1	30-MAY-2009 22:05:46	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37902	No
159	GOM_NL__2PRFIN20090530_222038_000000372079_00273_37902_9415.N1	30-MAY-2009 22:20:38	Twi_and_stray	36.500	38	20Eps Sgr	1.8360	11000.	73	37902	No
160	GOM_NL__2PRFIN20090530_222221_000000392079_00273_37902_9416.N1	30-MAY-2009 22:22:21	Twi_and_stray	38.500	116	19Del Sgr	2.7000	4100.0	77	37902	No

161	GOM_NL__2PRFIN20090530_222852_000000332079_00273_37902_9417.N1	30-MAY-2009 22:28:52	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37902	No
162	GOM_NL__2PRFIN20090530_223044_000000312079_00273_37902_9418.N1	30-MAY-2009 22:30:44	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37902	No
163	GOM_NL__2PRFIN20090530_224110_000000342079_00273_37902_9419.N1	30-MAY-2009 22:41:10	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37902	No
164	GOM_NL__2PRFIN20090530_224438_000000352079_00273_37902_9420.N1	30-MAY-2009 22:44:38	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37902	No
165	GOM_NL__2PRFIN20090530_225208_000000352079_00273_37902_9421.N1	30-MAY-2009 22:52:08	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37902	No
166	GOM_NL__2PRFIN20090530_230259_000000322079_00273_37902_9422.N1	30-MAY-2009 23:02:59	Twilight_stray	32.000	89	5Alp Cep	2.4510	8000.0	64	37902	No
167	GOM_NL__2PRFIN20090530_231815_000000282079_00273_37902_9423.N1	30-MAY-2009 23:18:15	Twilight_stray	28.000	58	21Alp And	2.0730	11000.	56	37902	No
168	GOM_NL__2PRFIN20090530_232307_000000302079_00273_37902_9424.N1	30-MAY-2009 23:23:07	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37902	No
169	GOM_NL__2PRFIN20090530_234038_000000392079_00273_37902_9425.N1	30-MAY-2009 23:40:38	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37902	No
170	GOM_NL__2PRFIN20090530_234624_000000422079_00274_37903_9429.N1	30-MAY-2009 23:46:24	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37903	No

3. Quality information per product

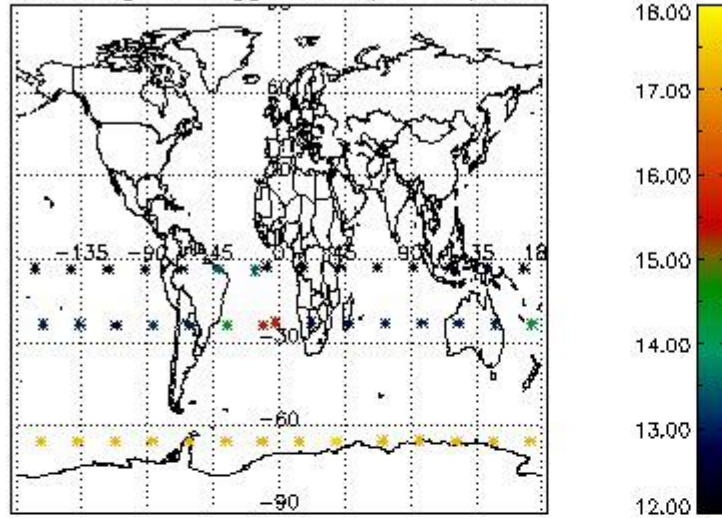
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

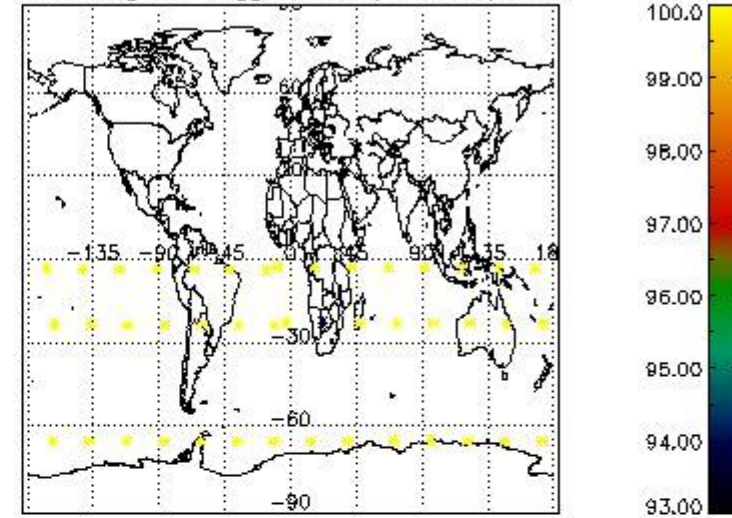


3.2 Plot quality information per product (world map)

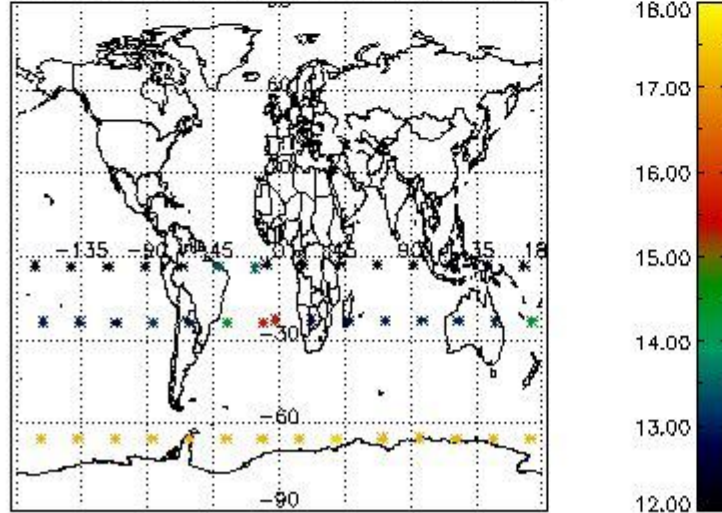
Percentage of flagged data per O3 profile



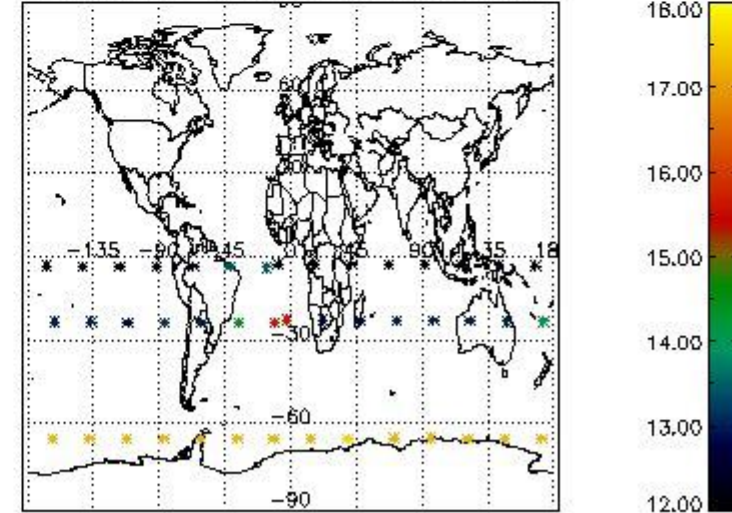
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

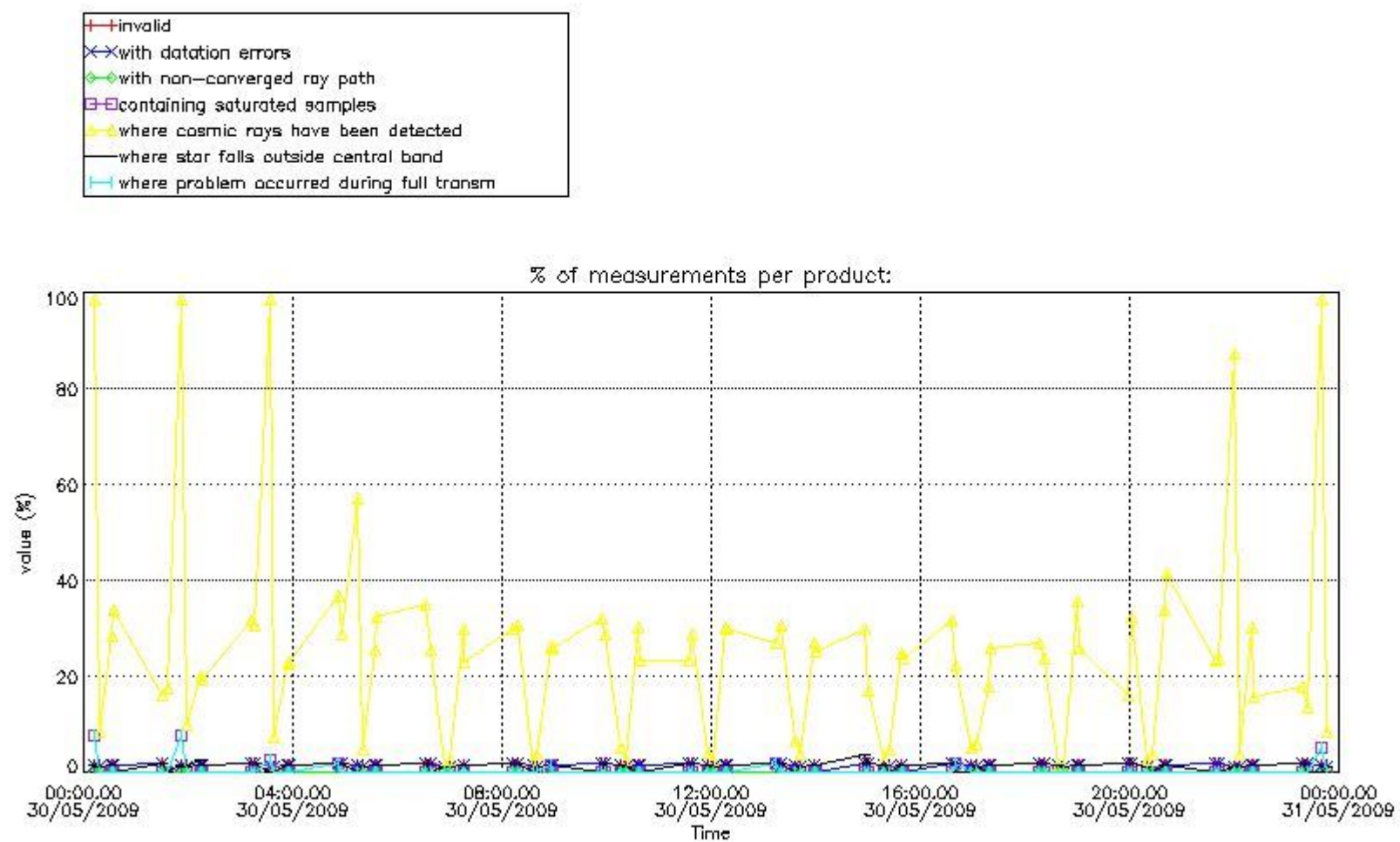


4. Level 1 quality information per product

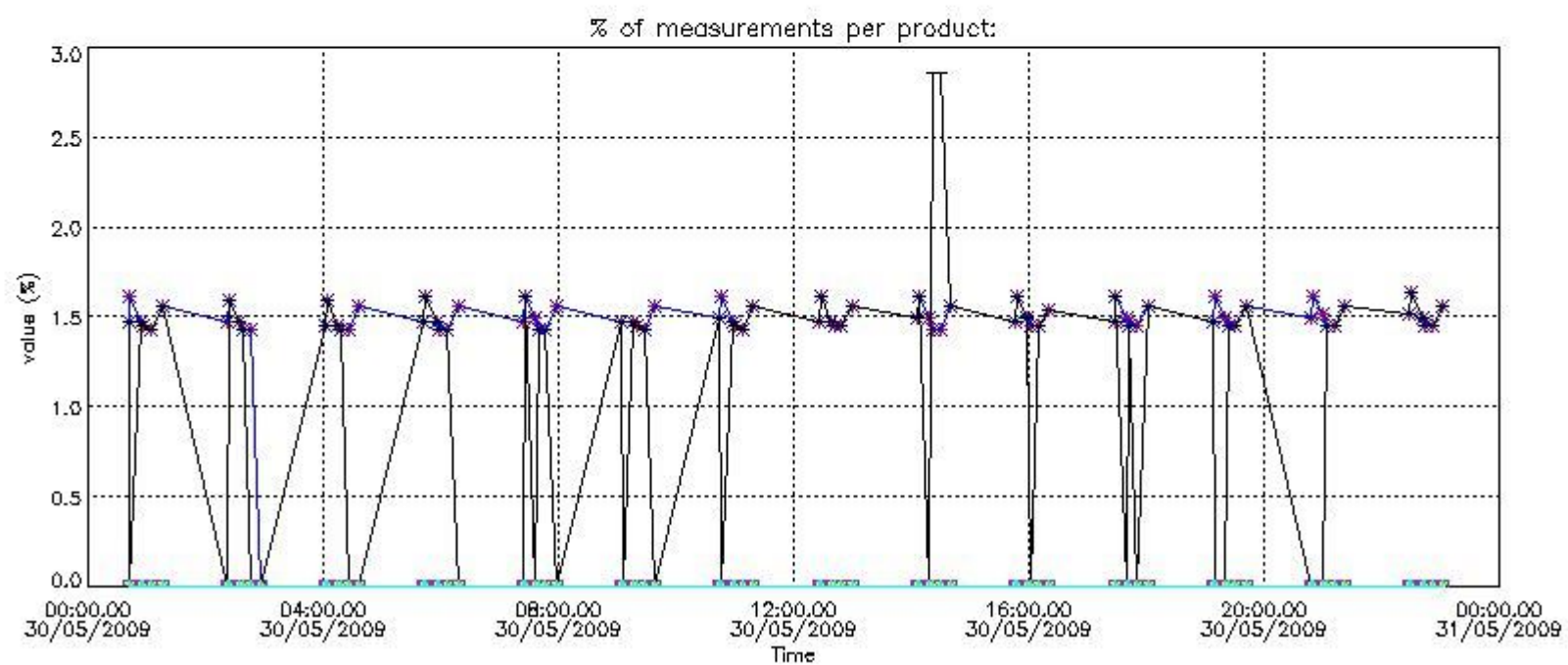
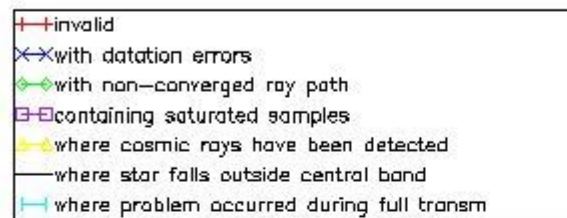
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

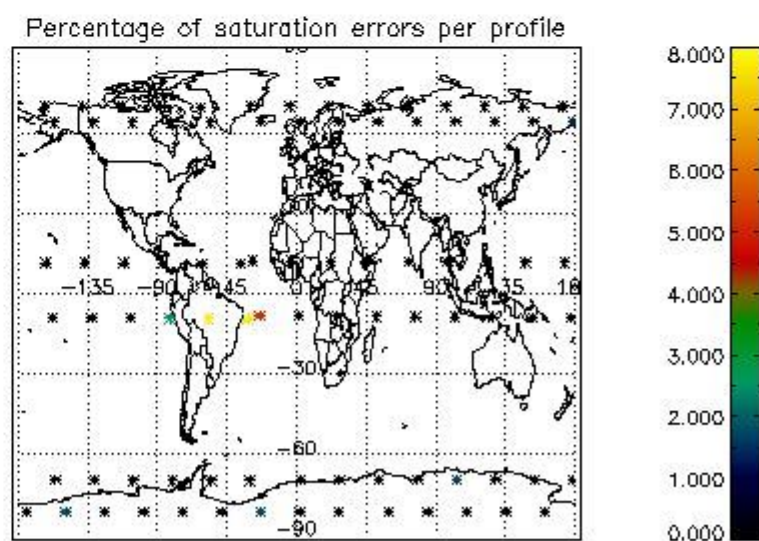
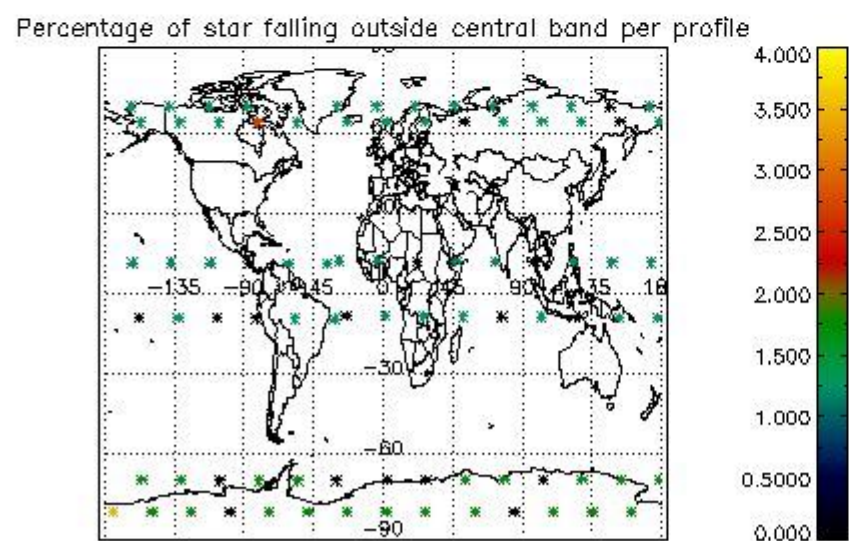
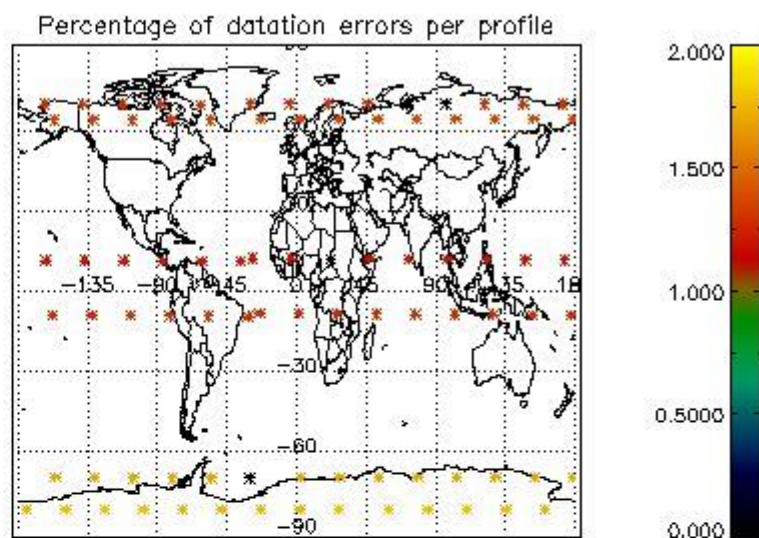
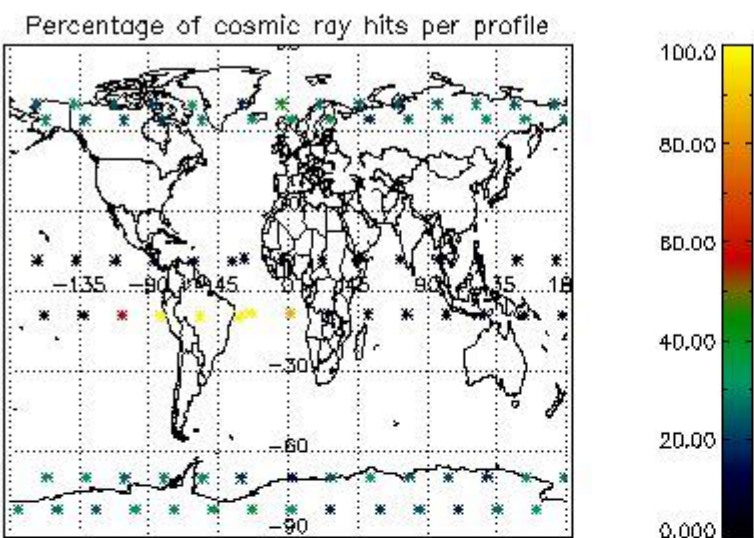


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

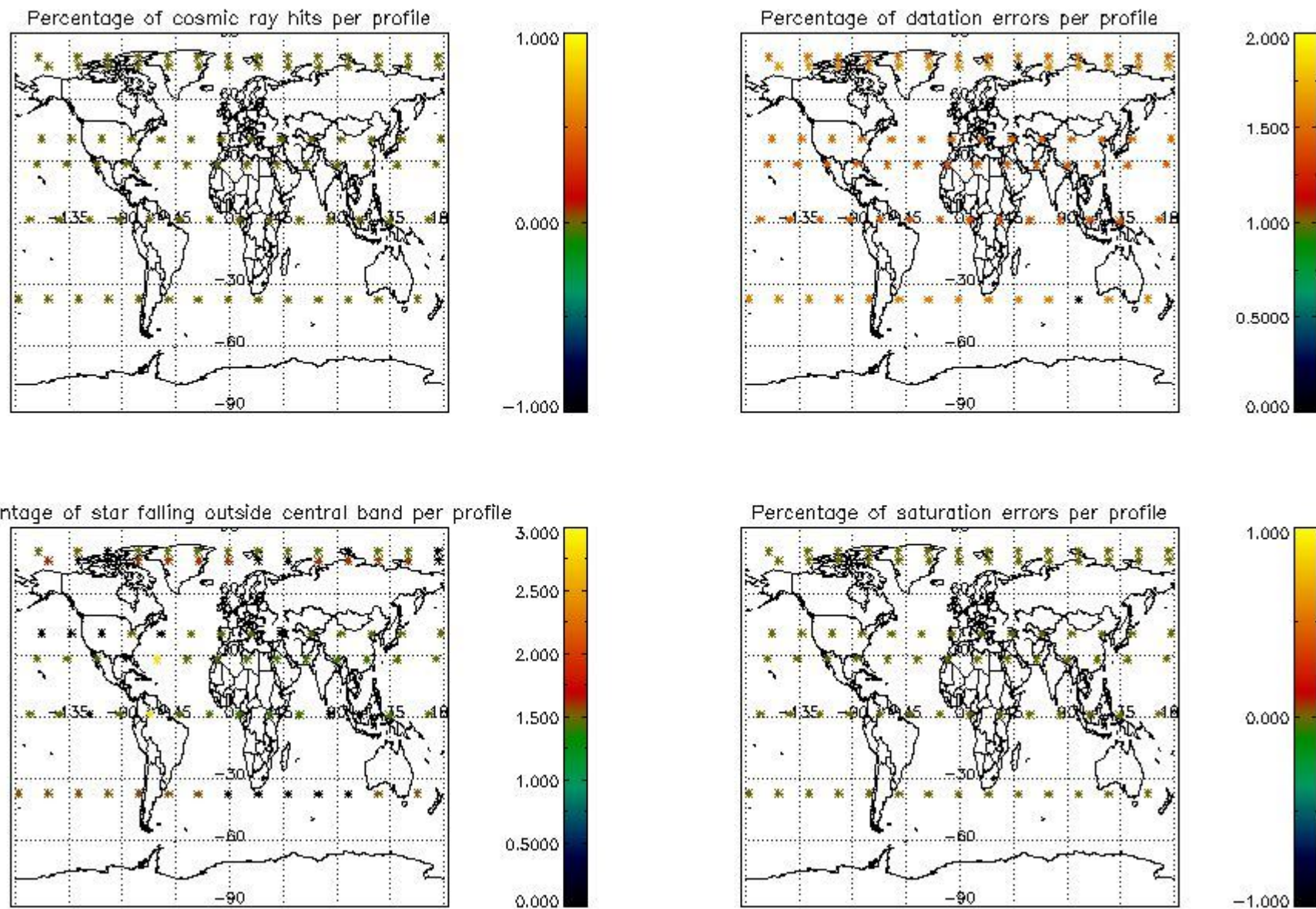


4.2 Plot quality information per product coming from level 1b processing (world map)

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

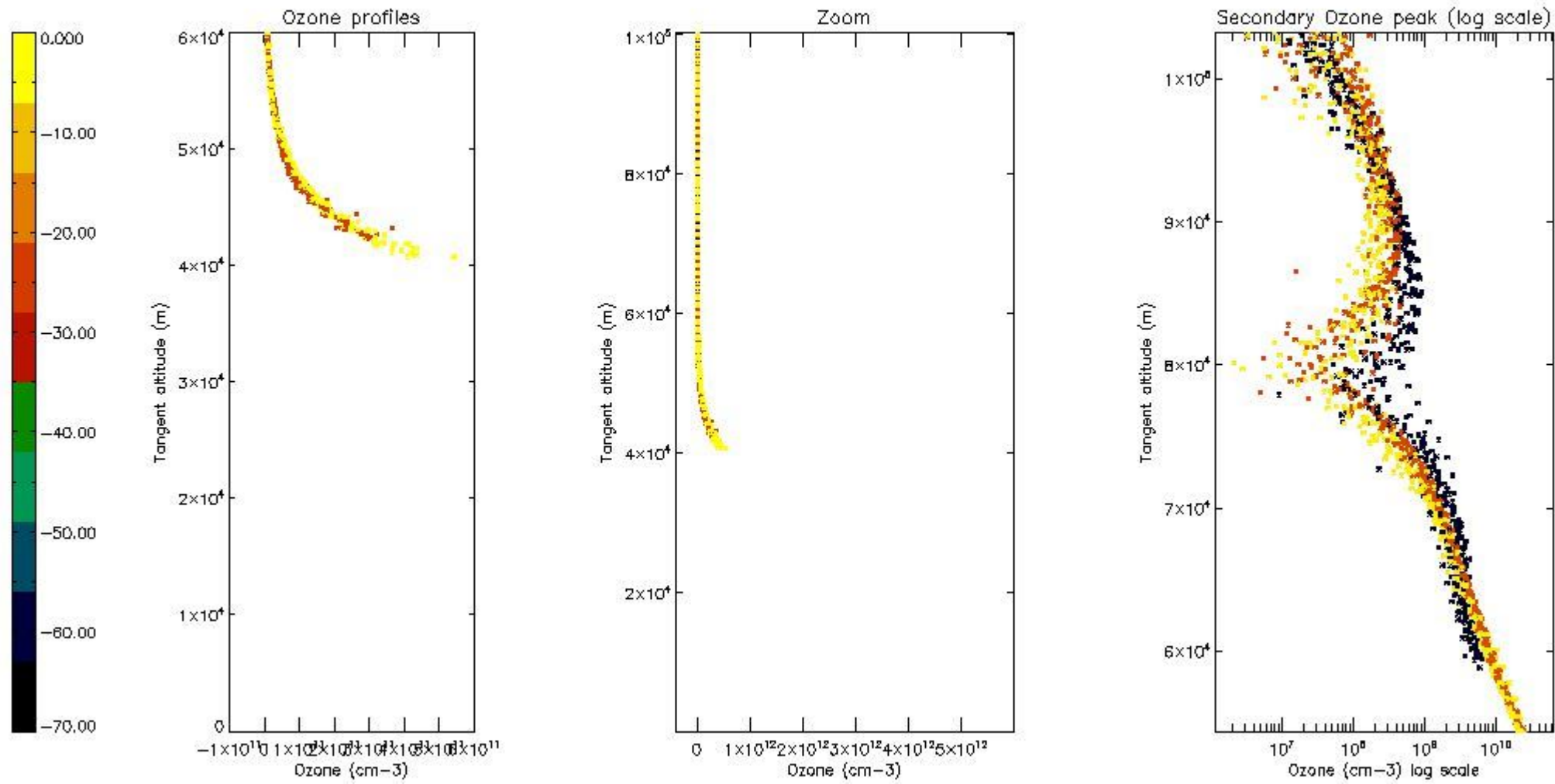
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	13

STD < 10	10
STD < 5	7

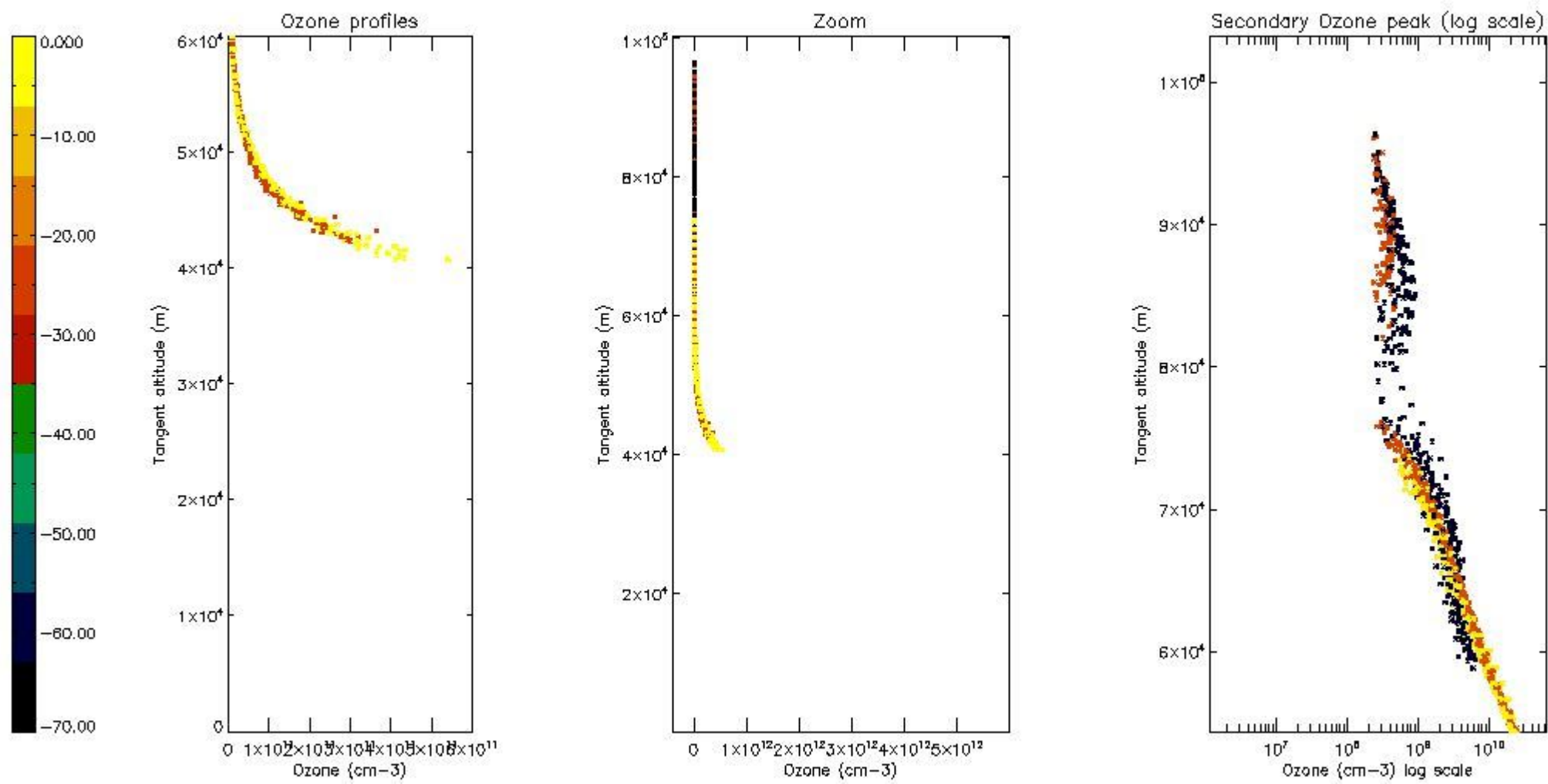
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



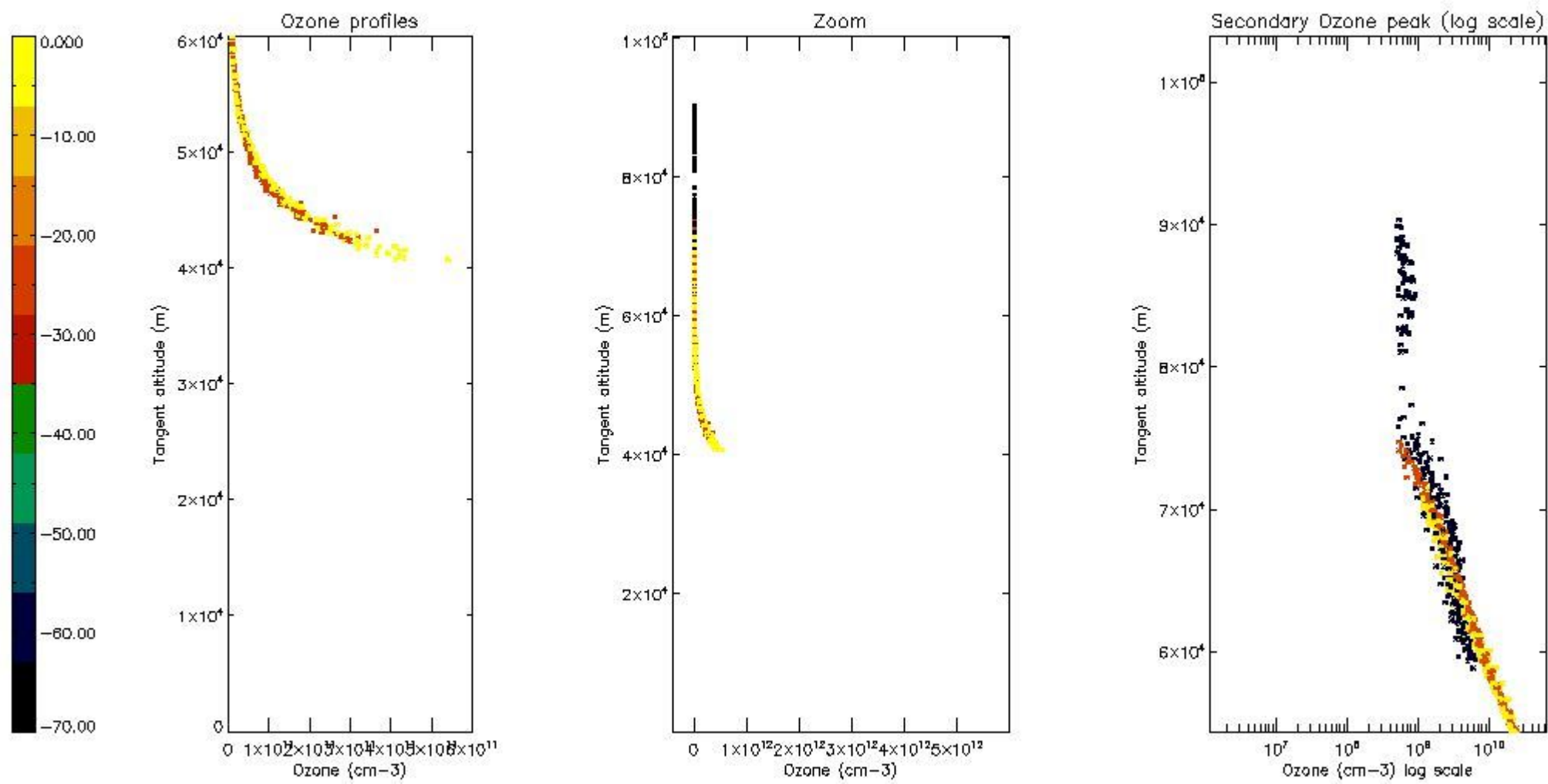
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



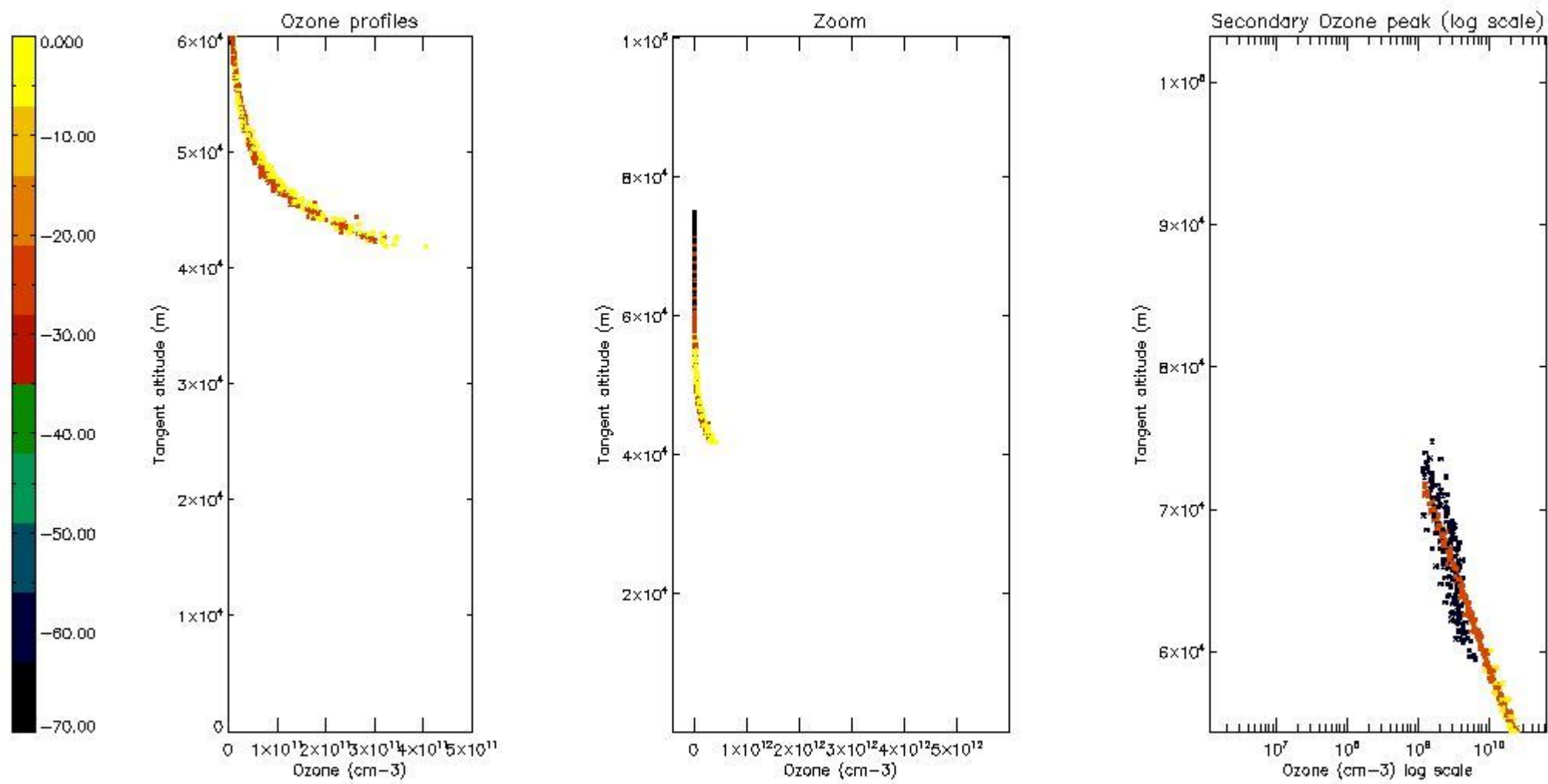
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



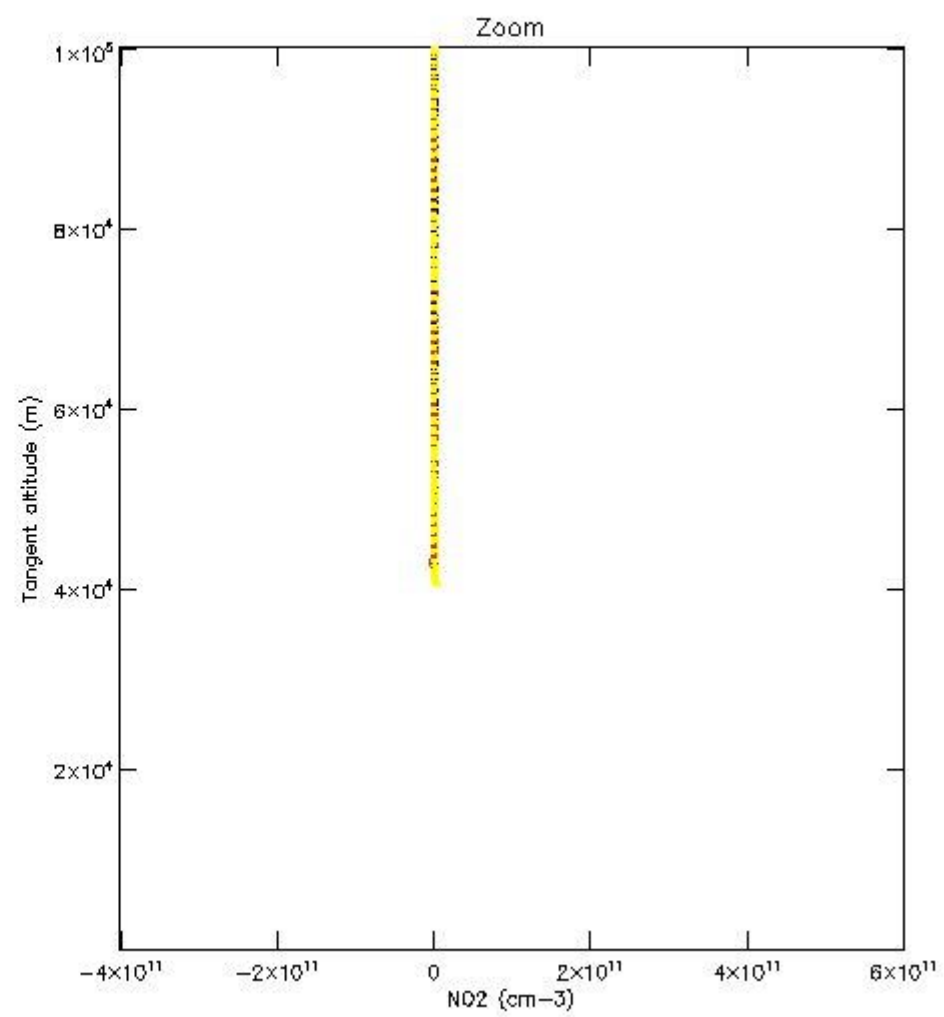
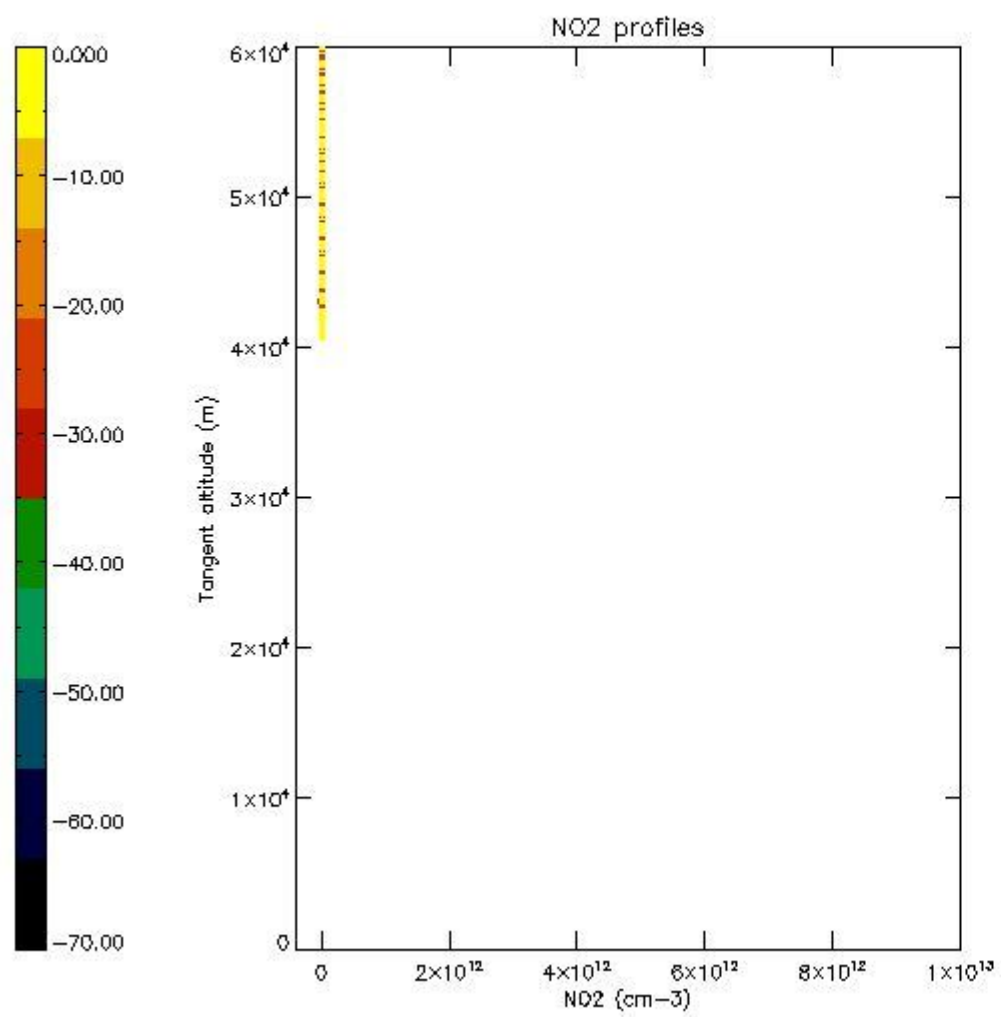
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



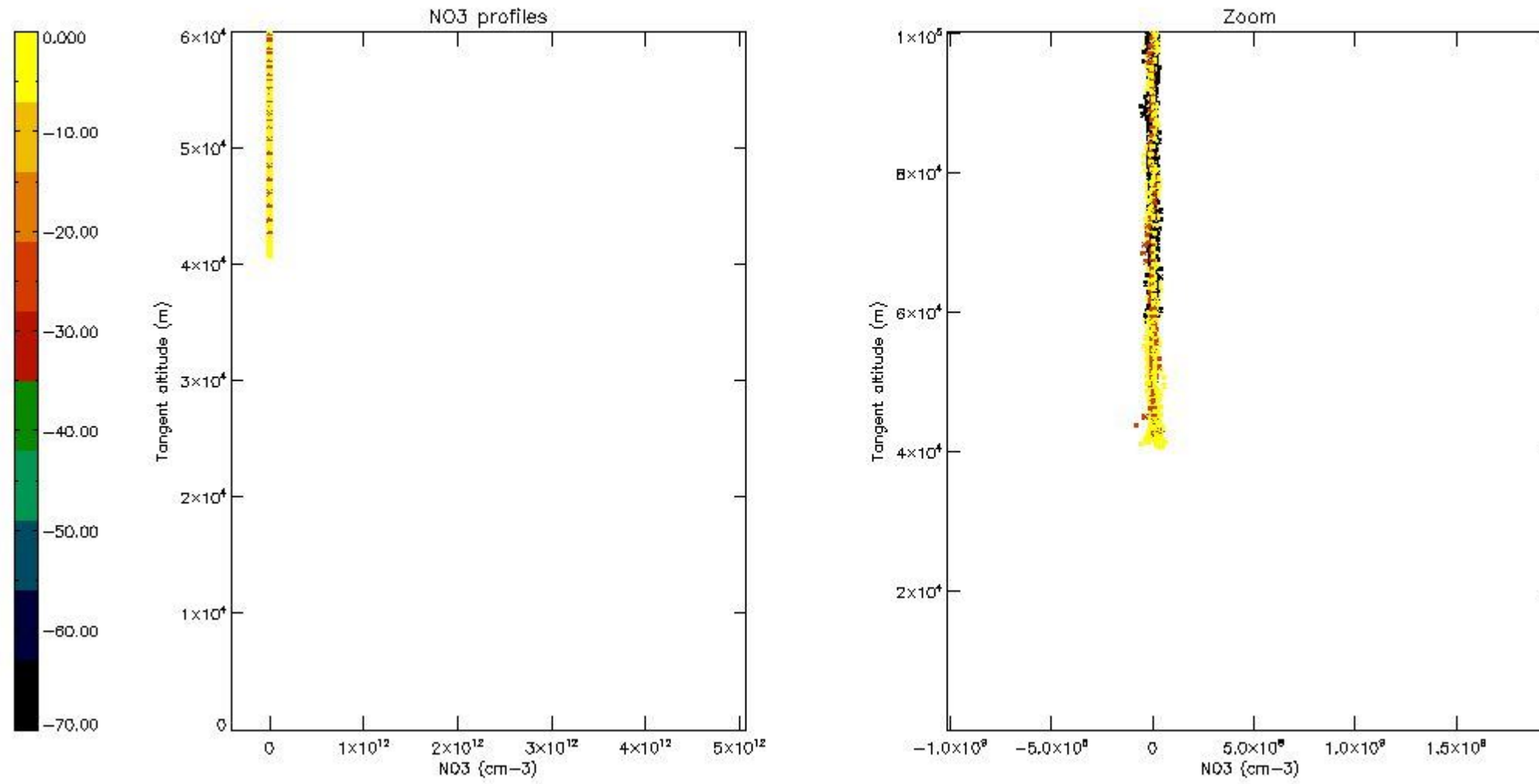
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

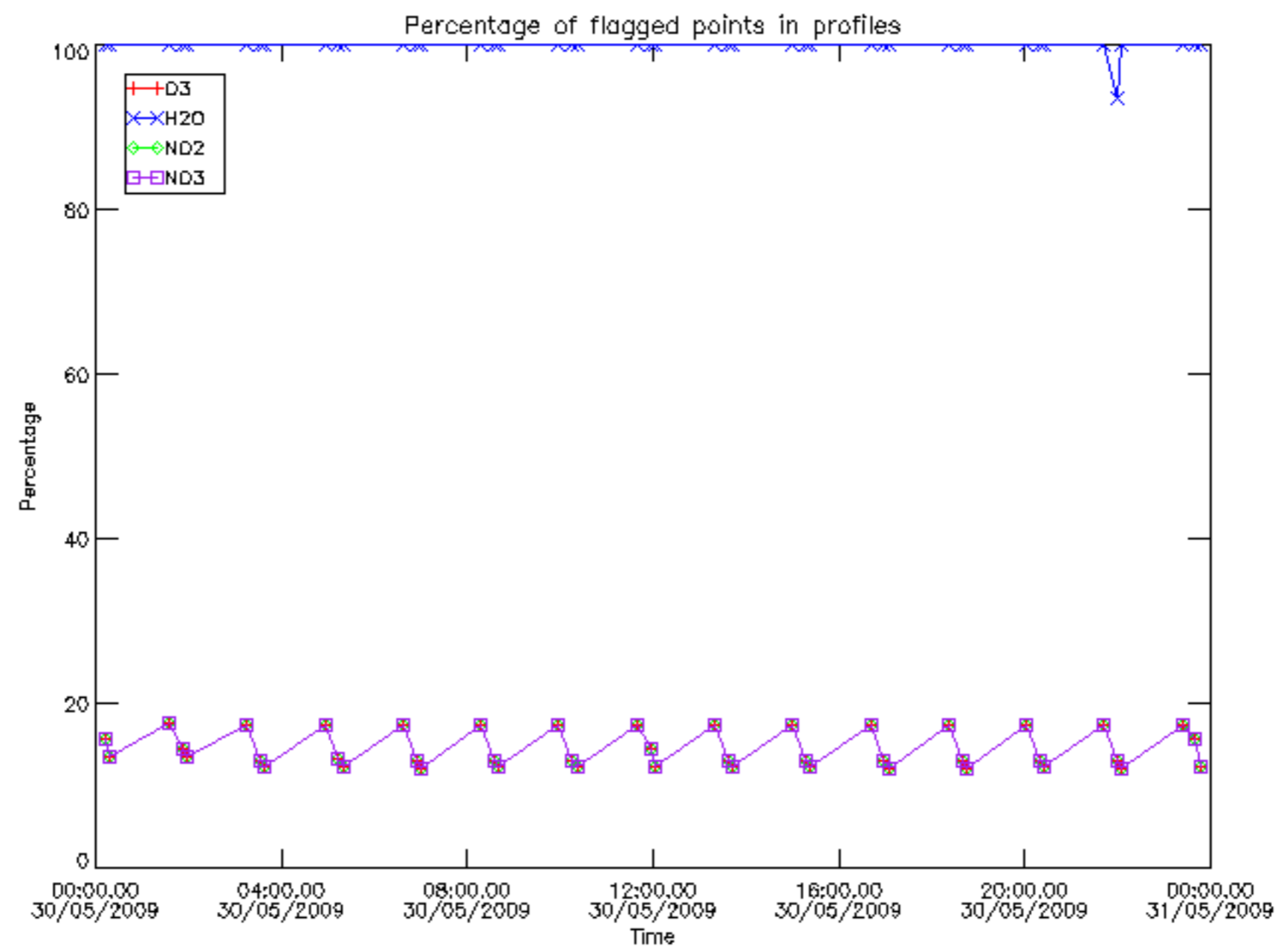
The colorbar represents the latitude.



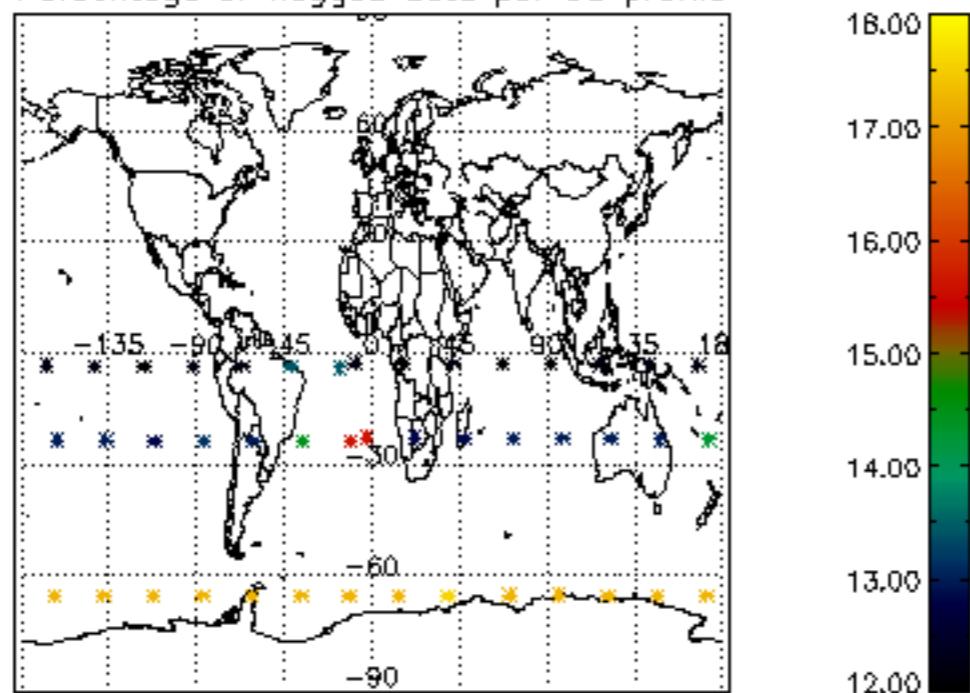
6. Auxiliary Data Files used for the production reported in section 2

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.

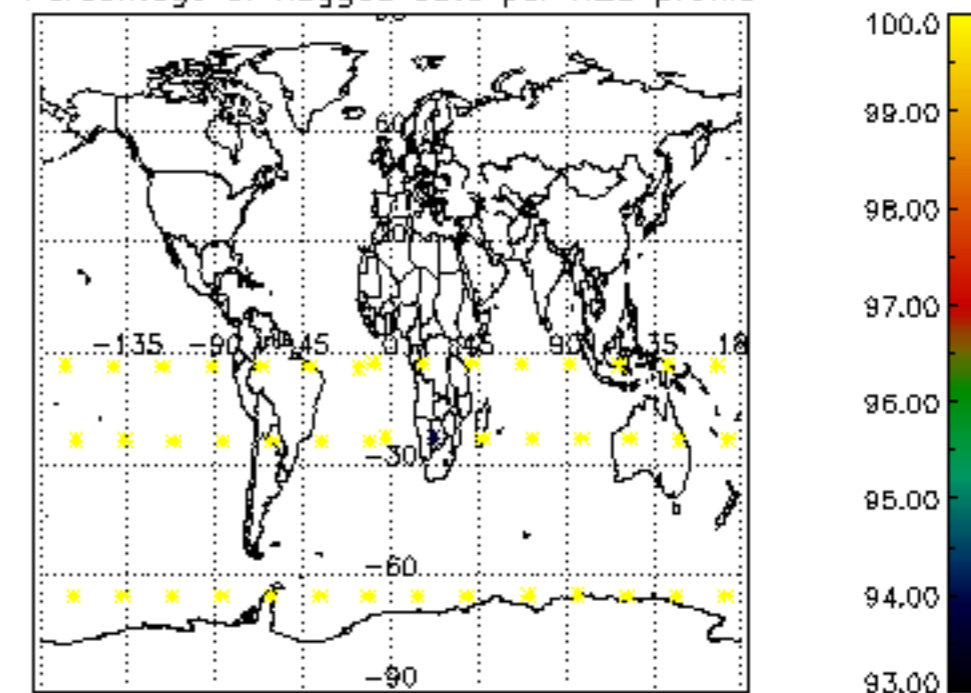
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-MAY-2009 00:11:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-MAY-2009 00:11:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-MAY-2009 00:11:58



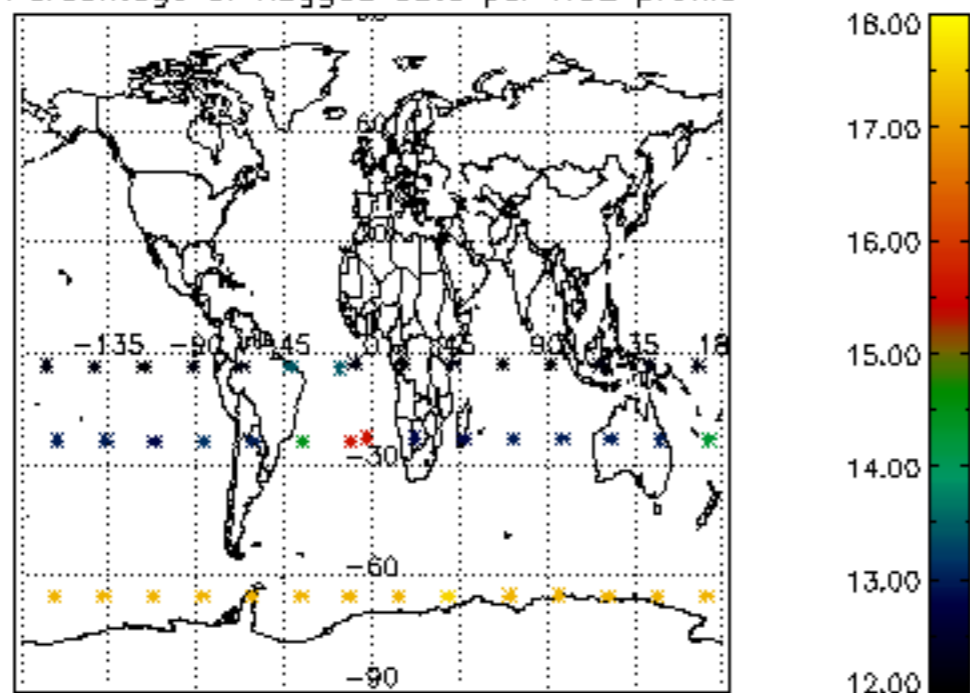
Percentage of flagged data per D3 profile



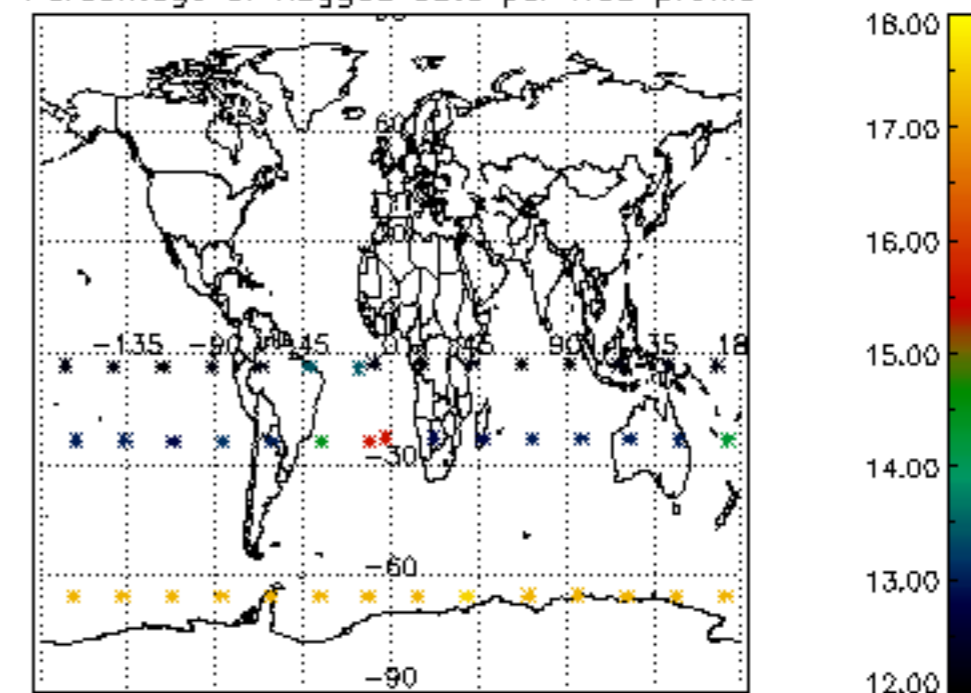
Percentage of flagged data per H2O profile

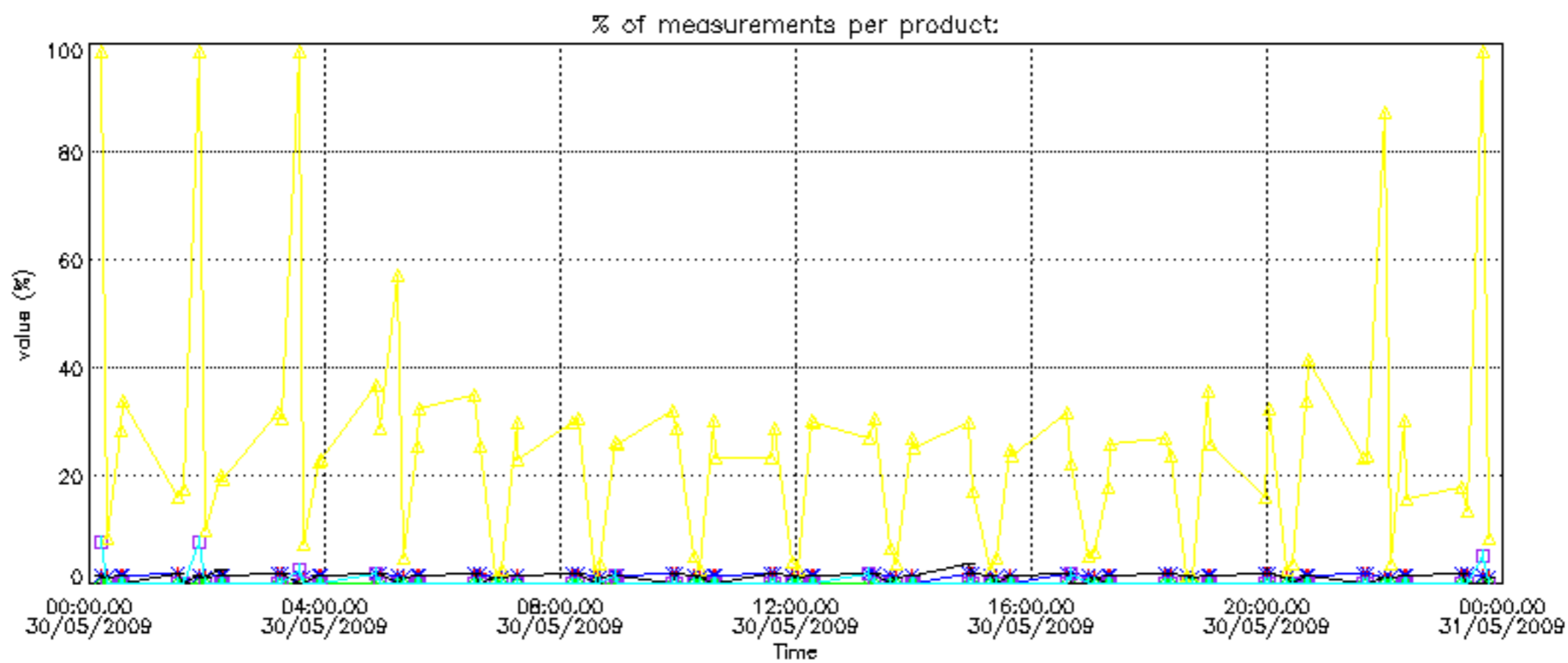


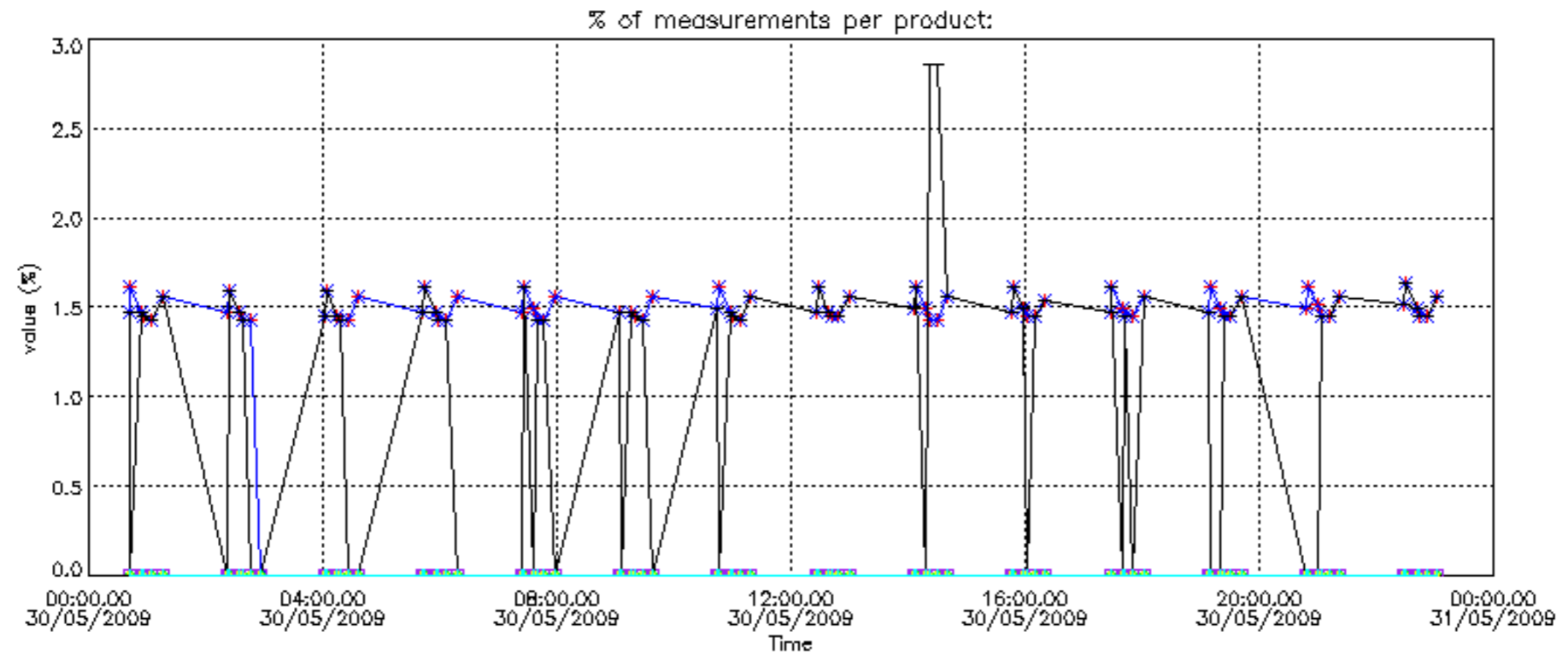
Percentage of flagged data per NO2 profile



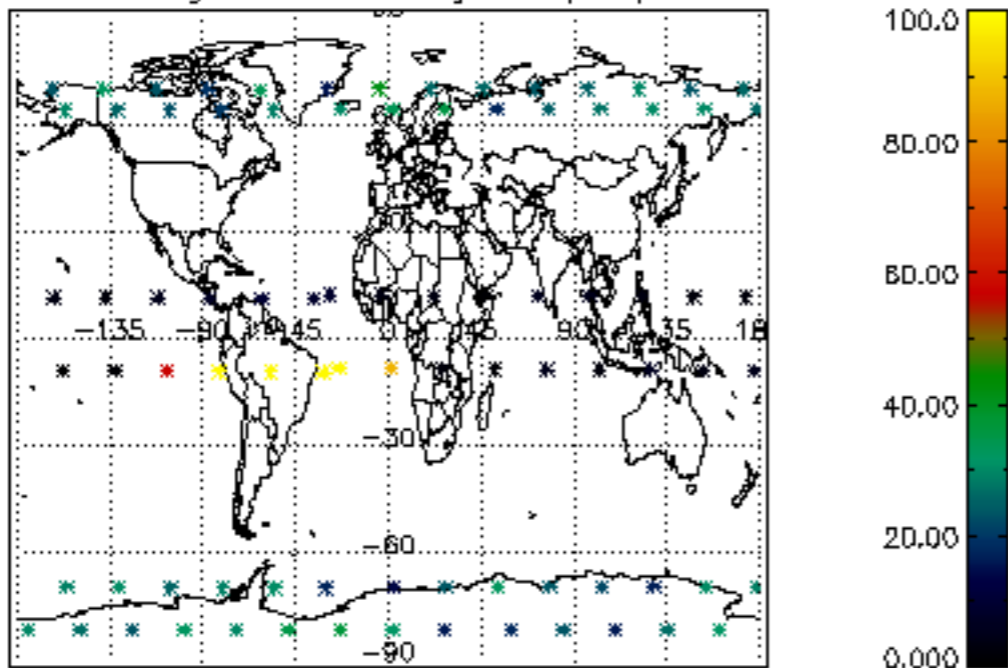
Percentage of flagged data per NO3 profile



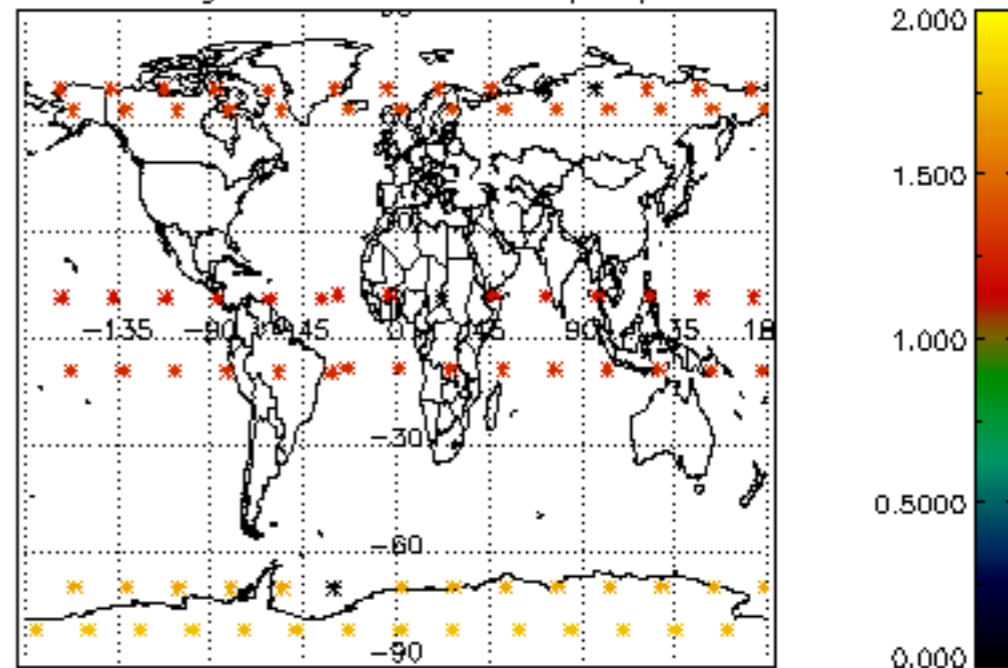




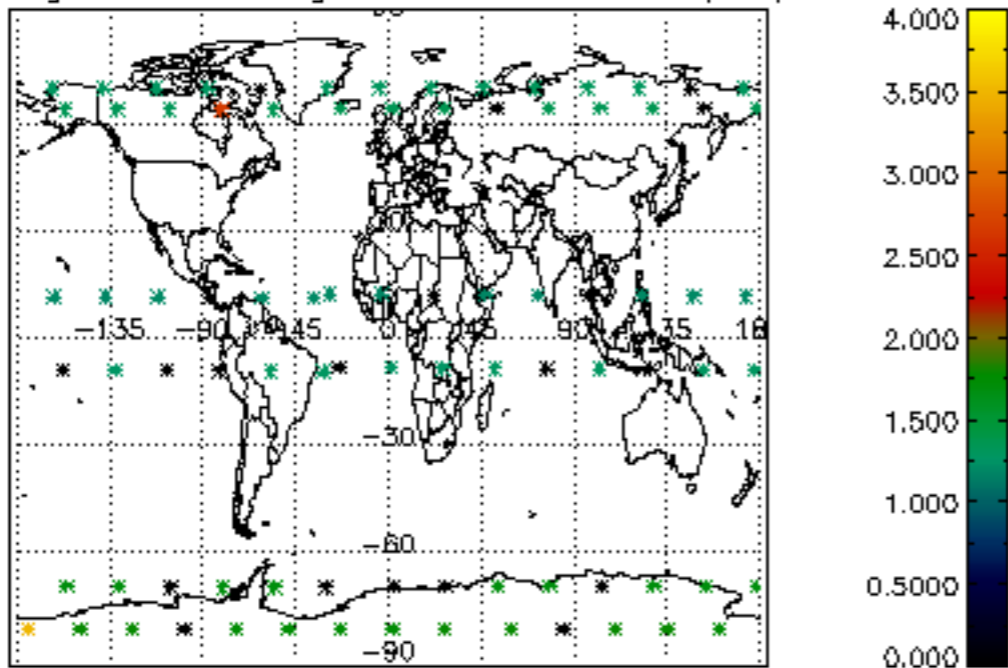
Percentage of cosmic ray hits per profile



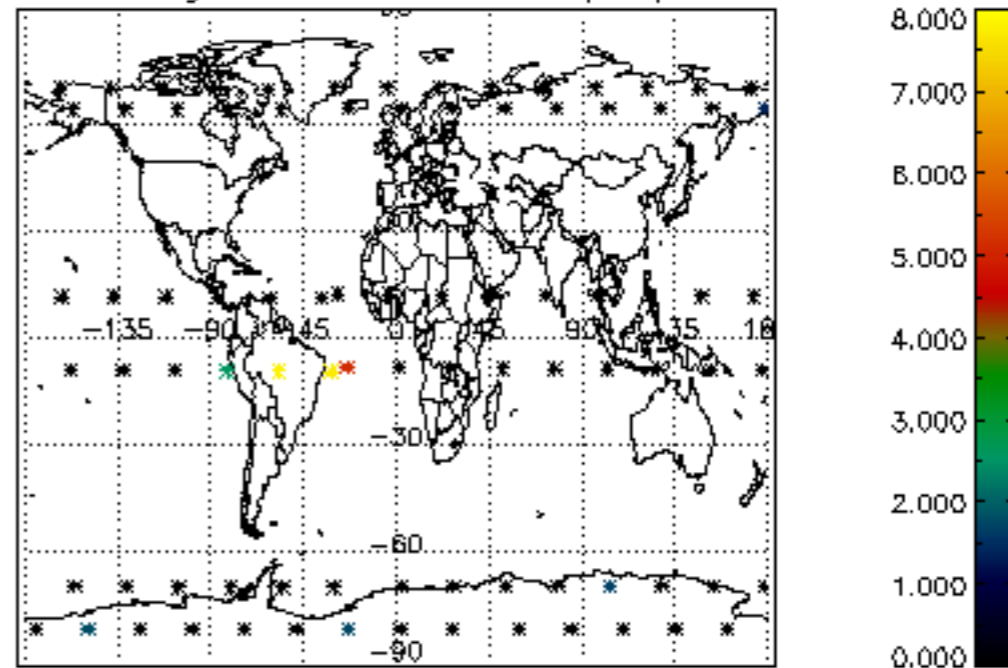
Percentage of datation errors per profile



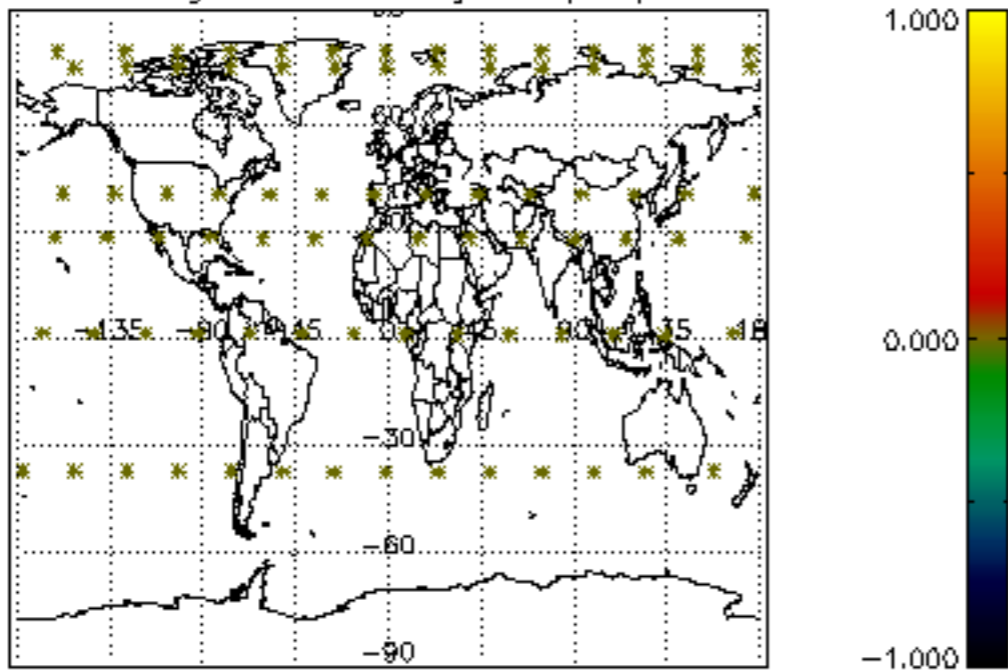
Percentage of star falling outside central band per profile



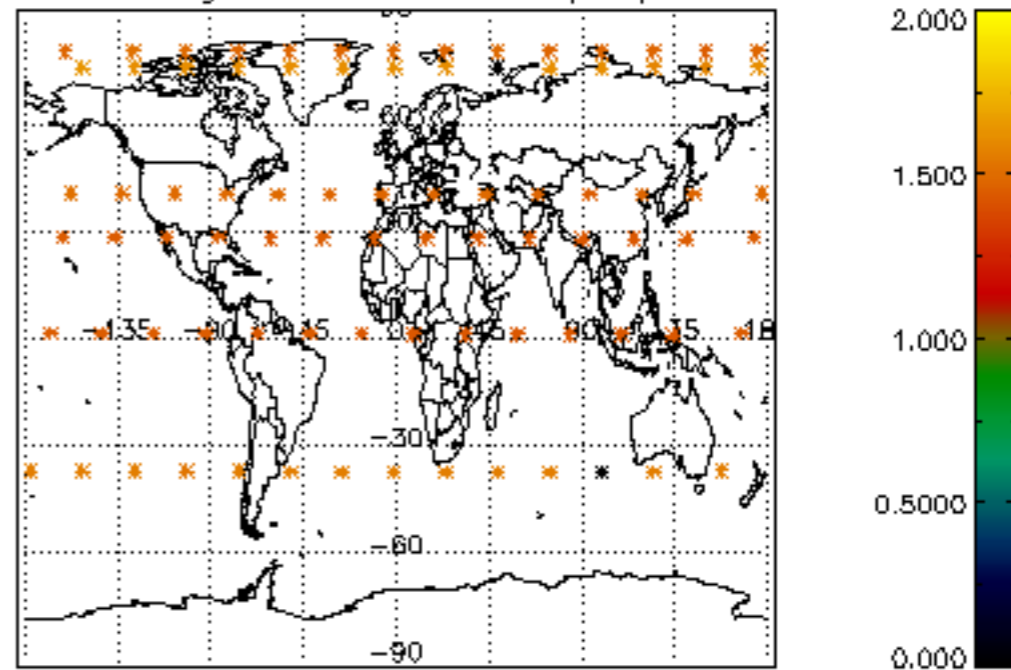
Percentage of saturation errors per profile



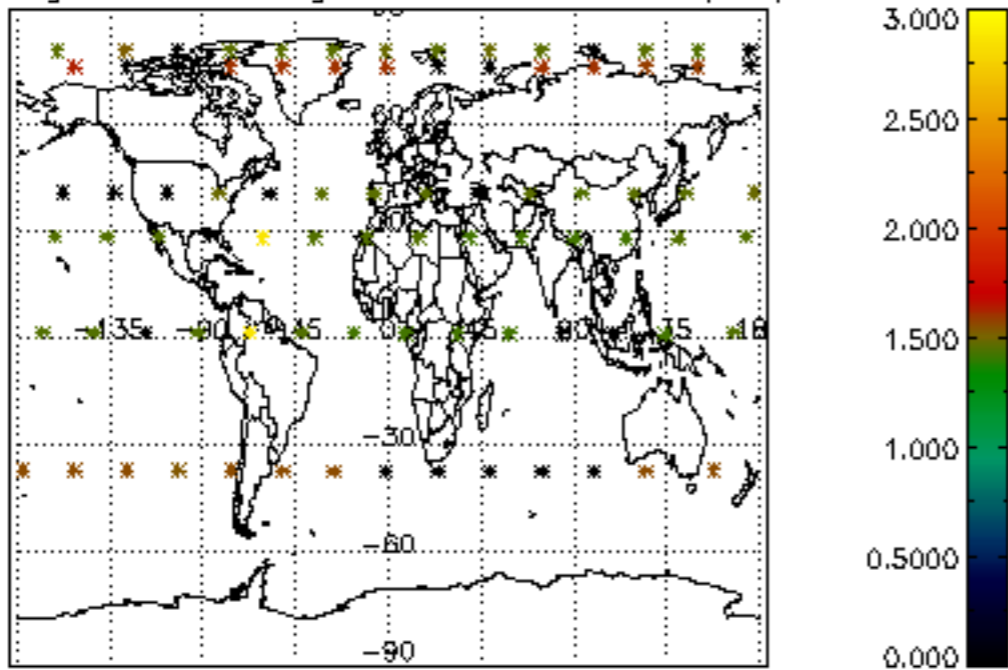
Percentage of cosmic ray hits per profile



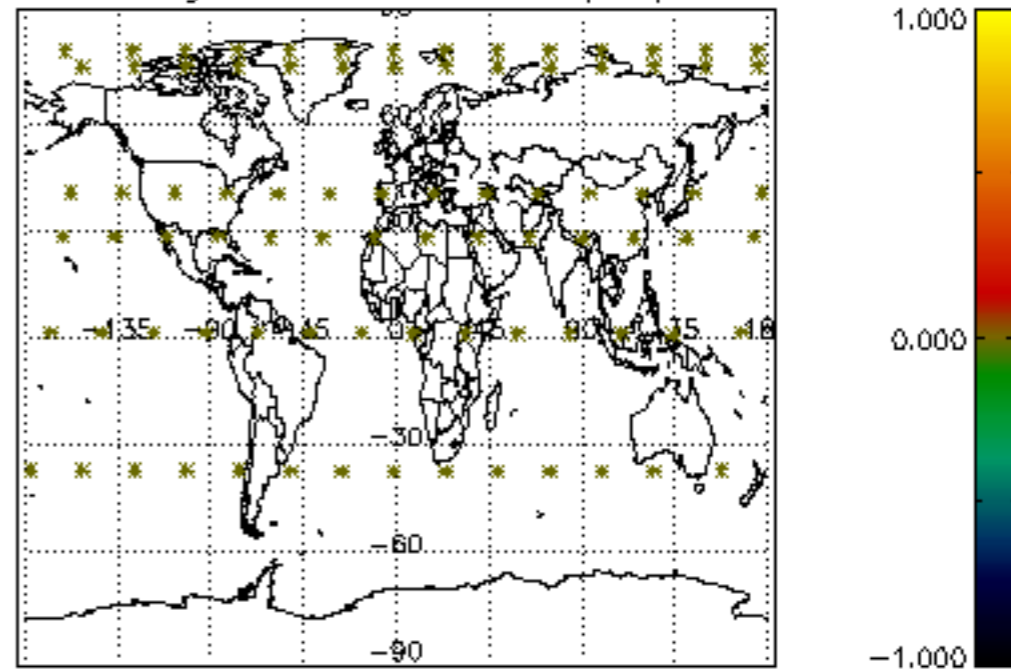
Percentage of datation errors per profile

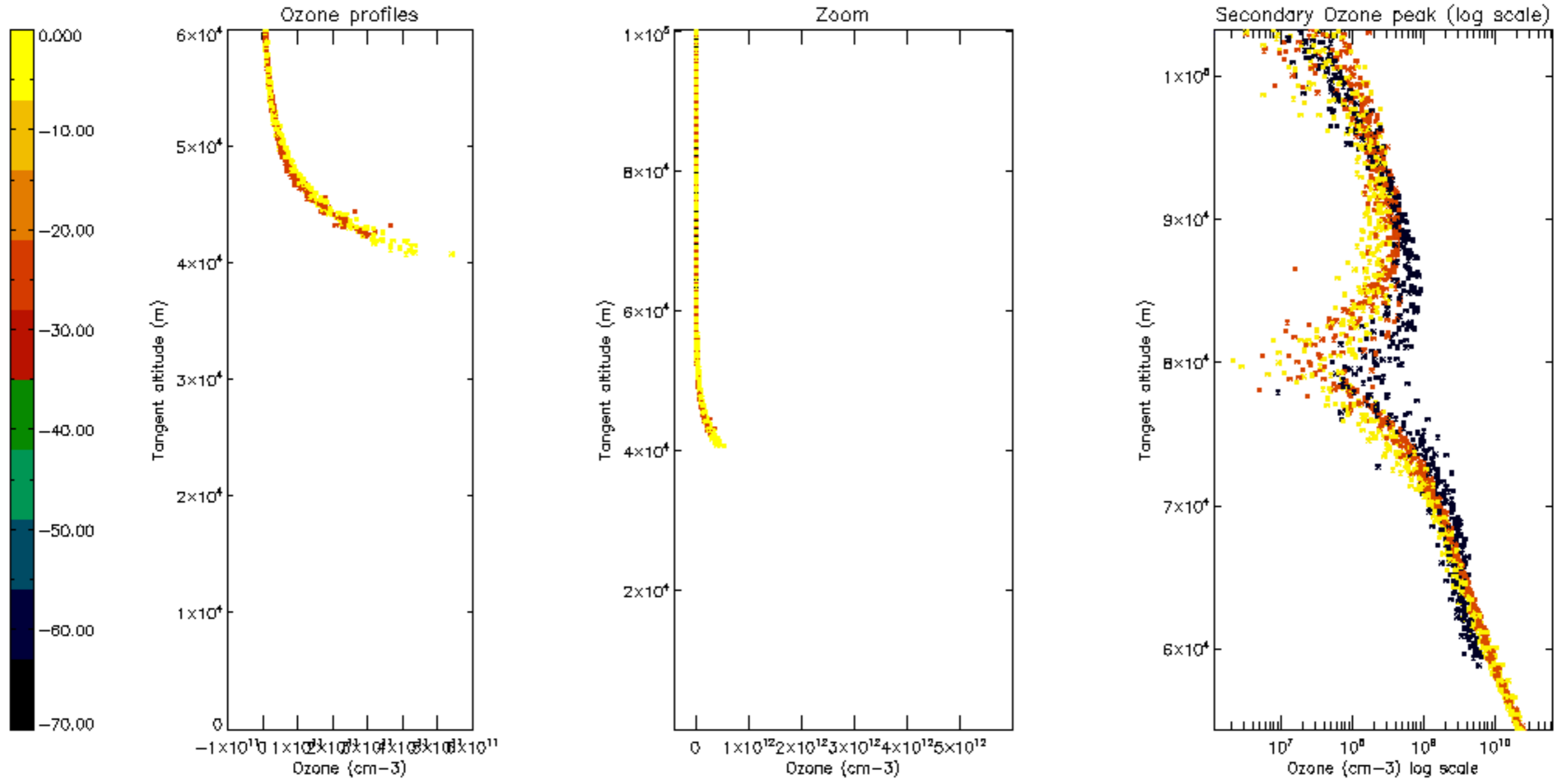


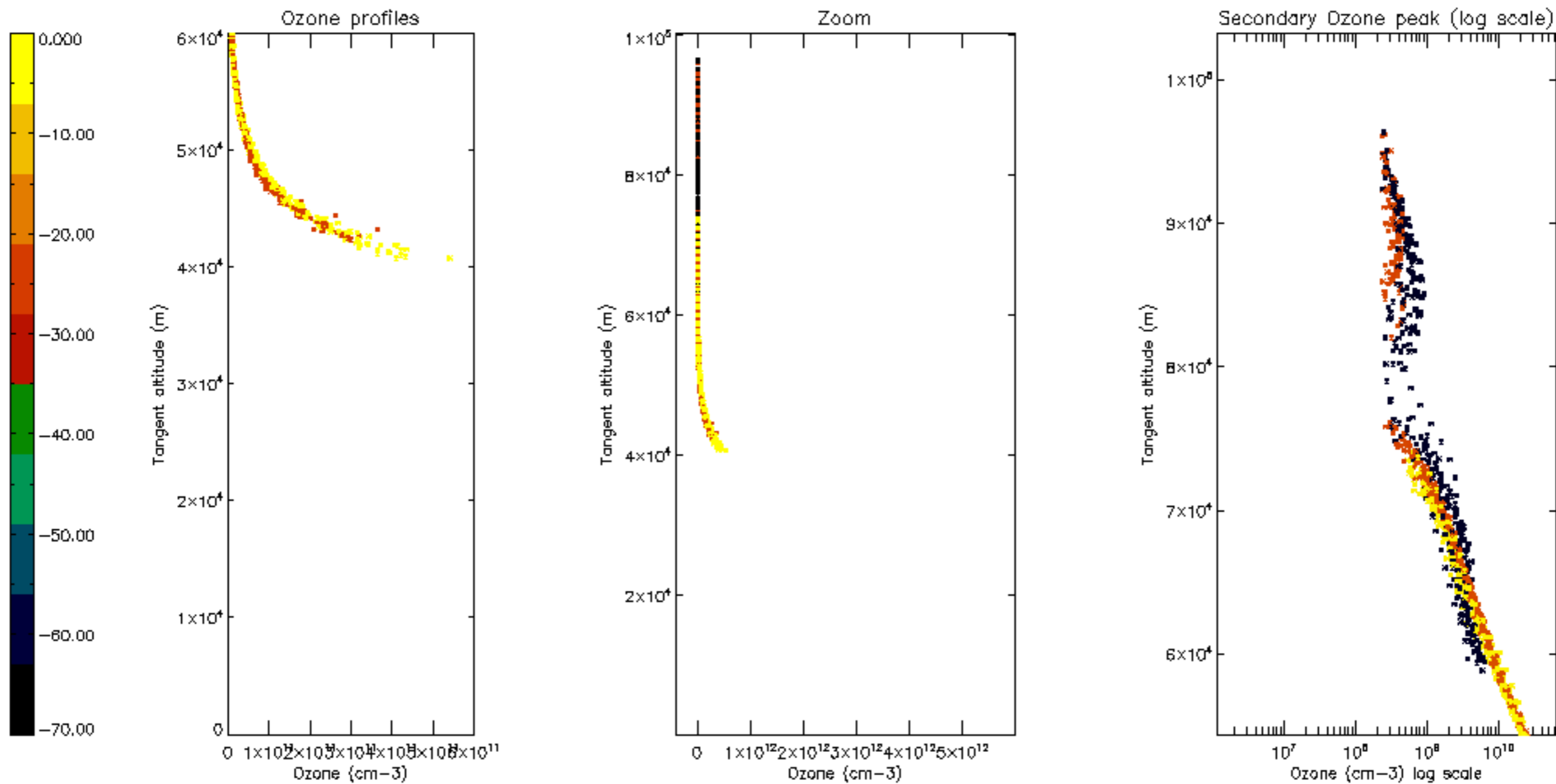
Percentage of star falling outside central band per profile

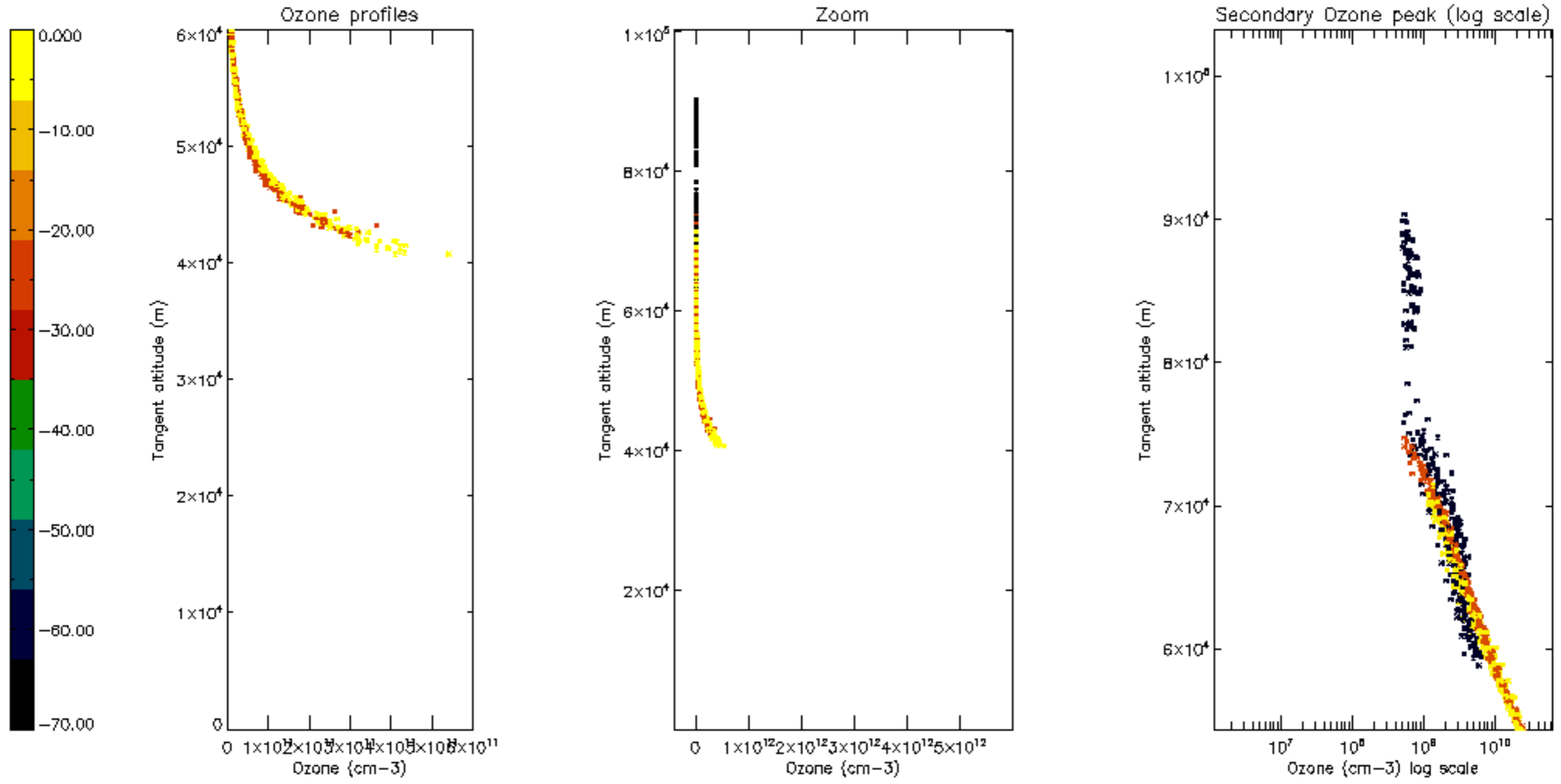


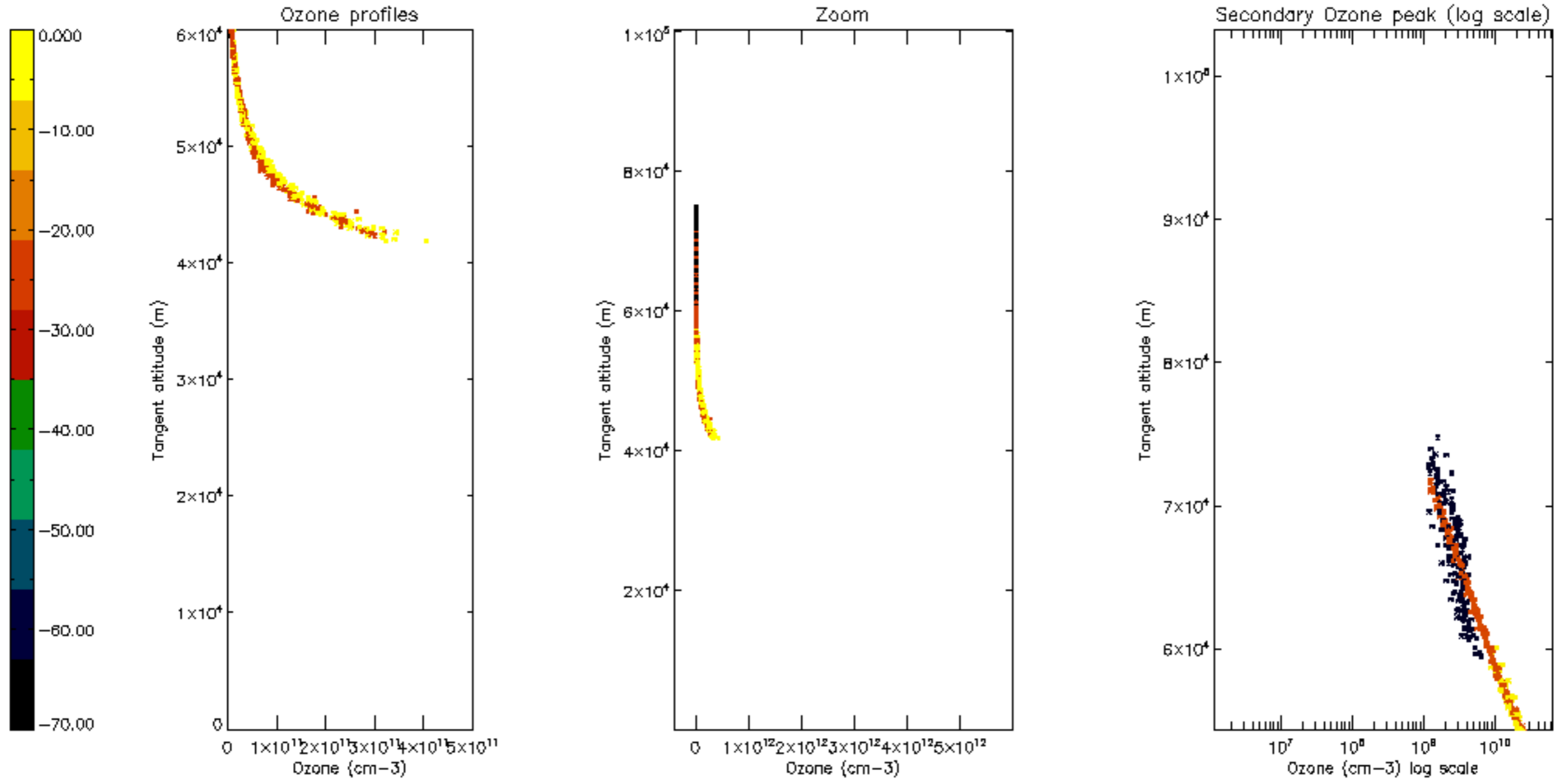
Percentage of saturation errors per profile

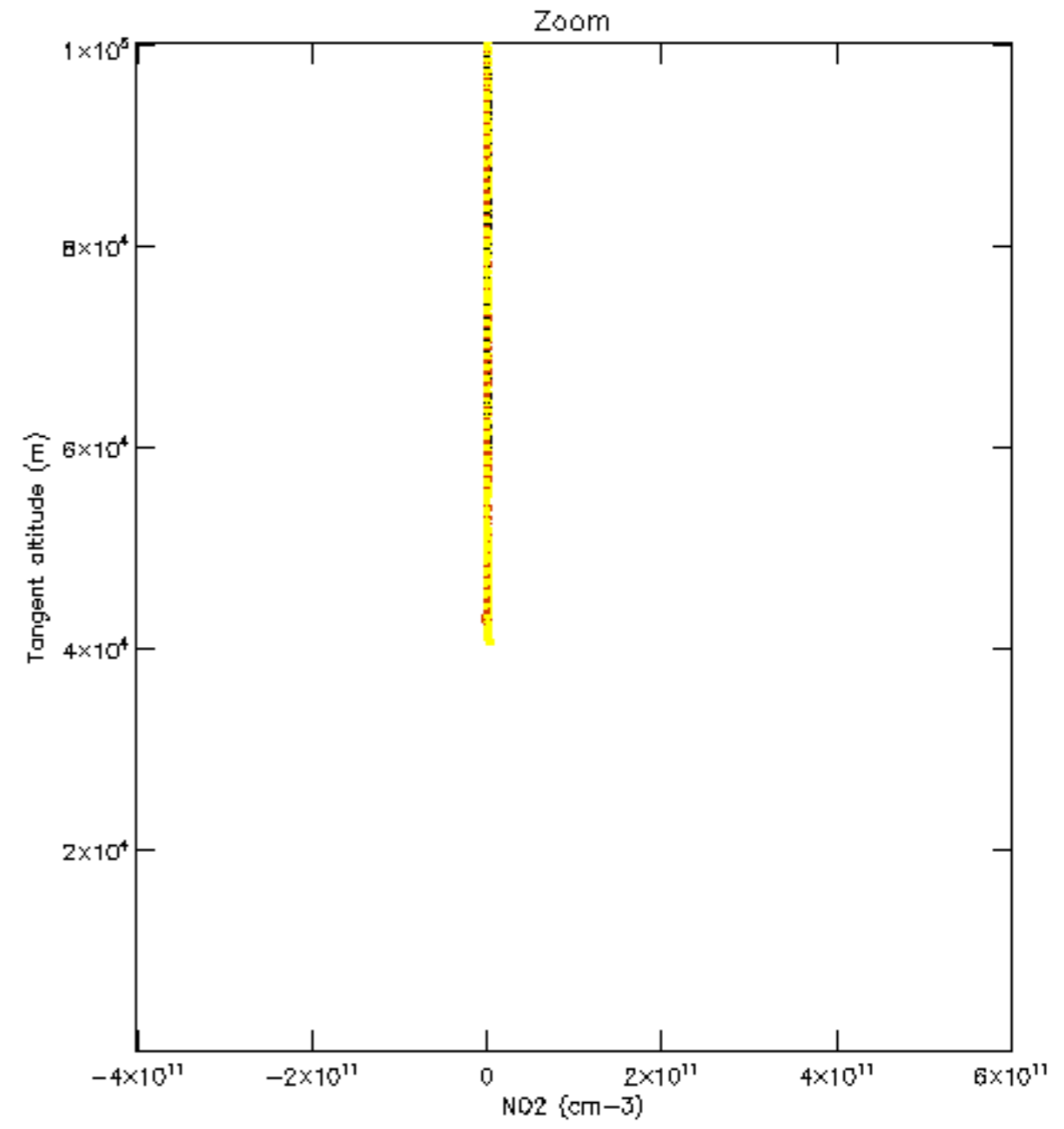
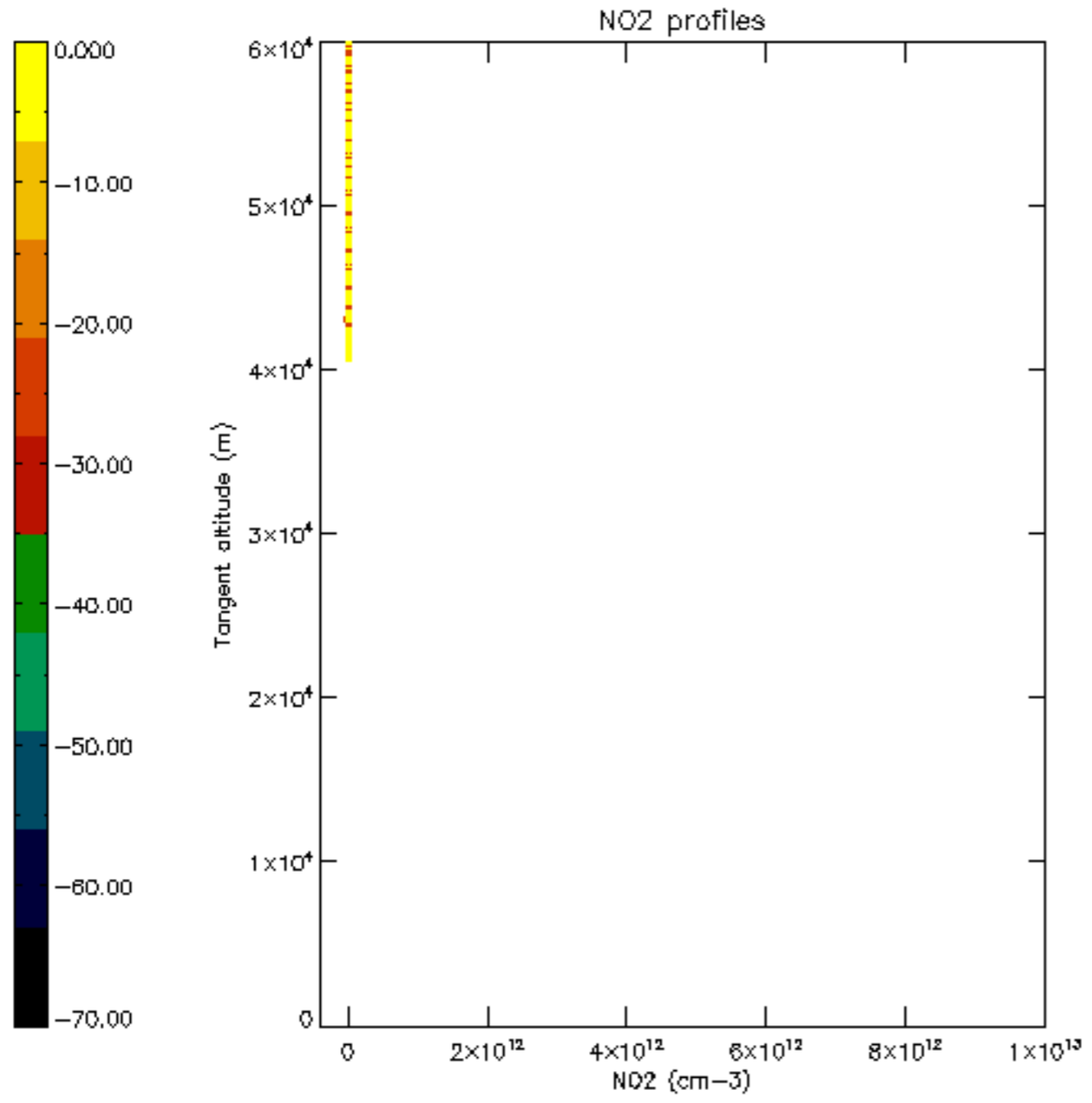


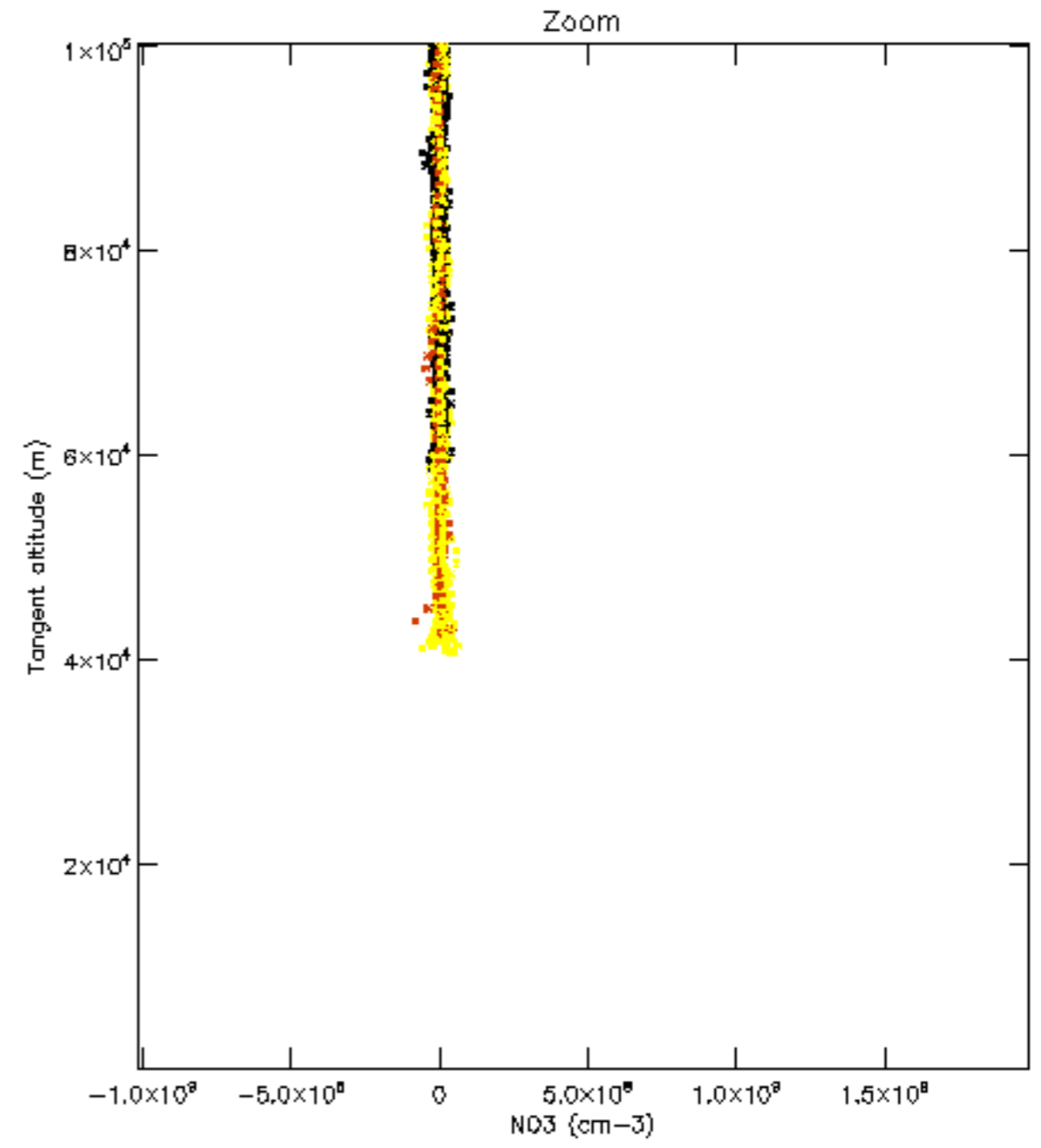
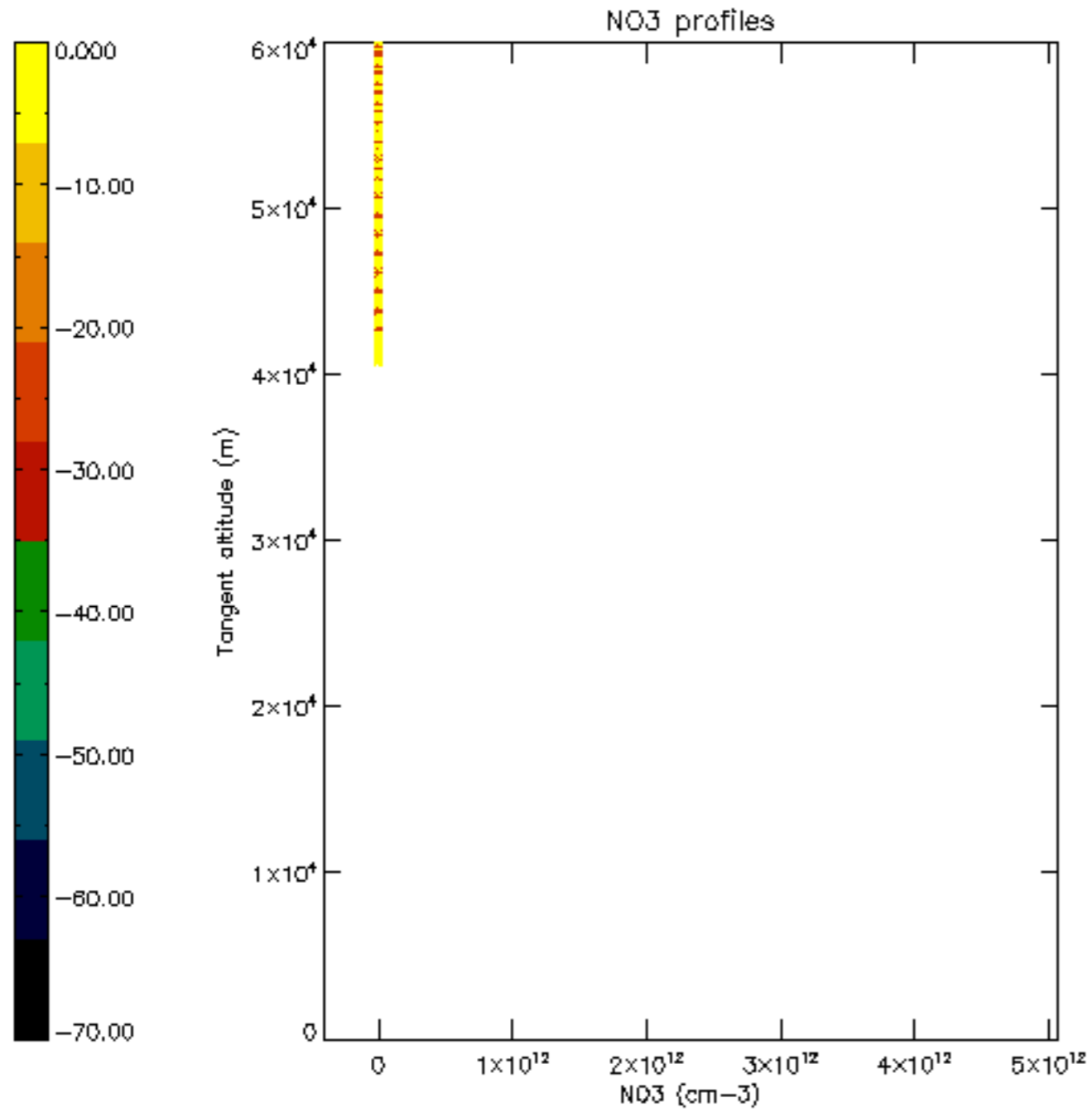


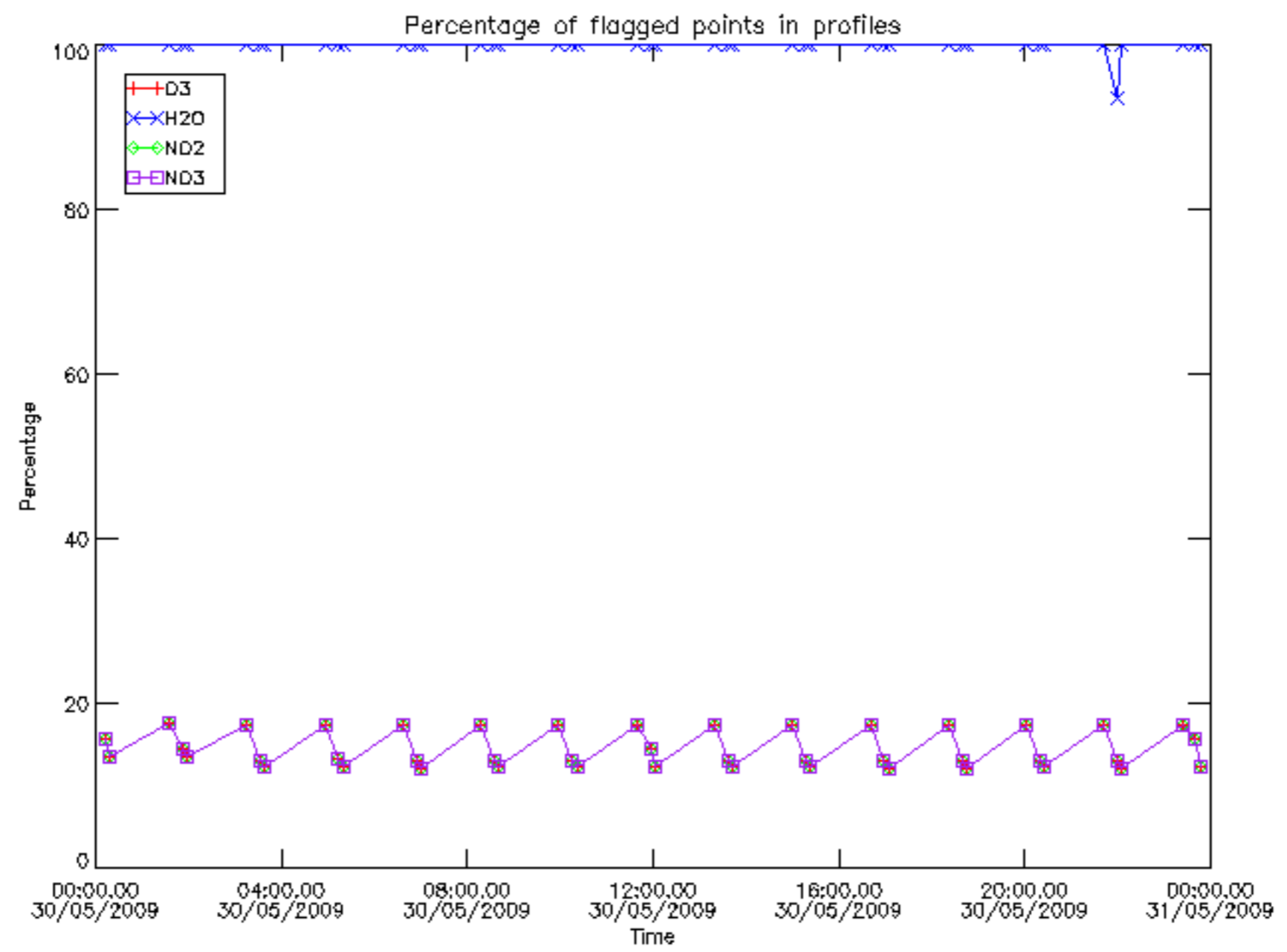




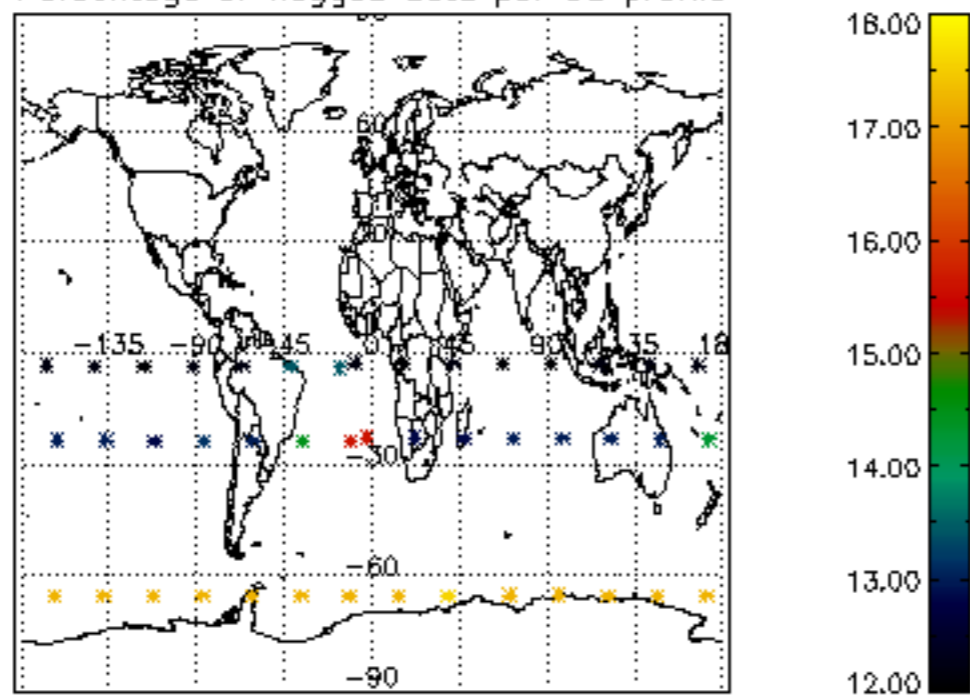




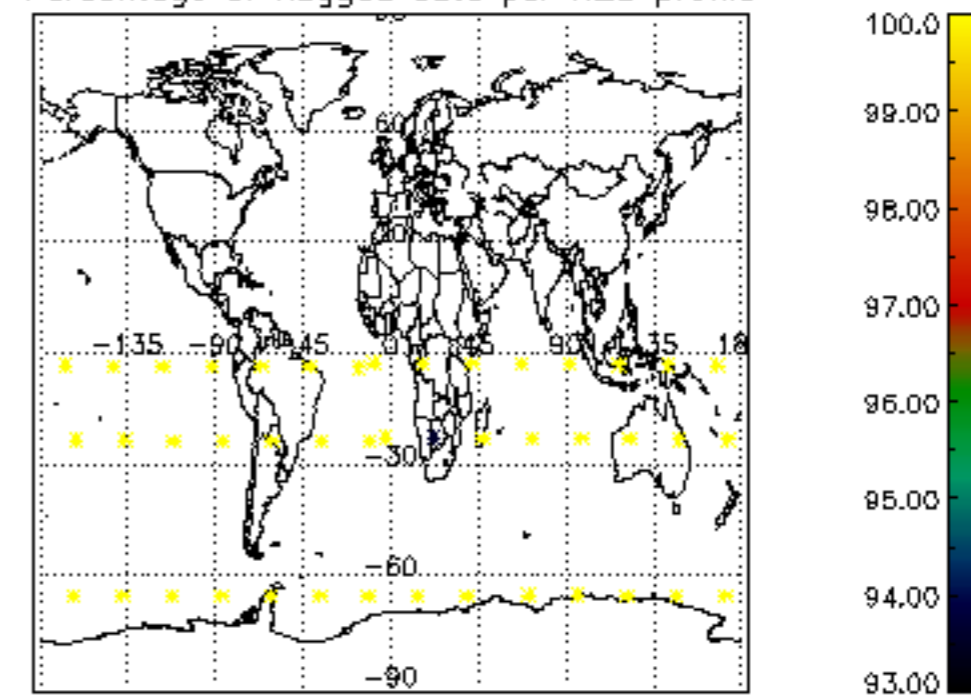




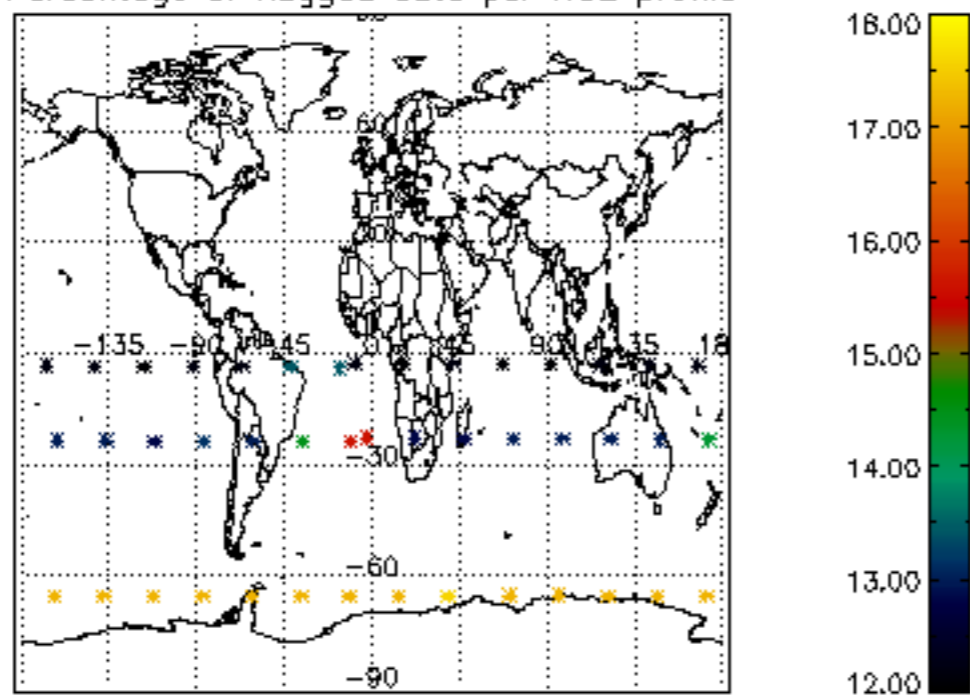
Percentage of flagged data per D3 profile



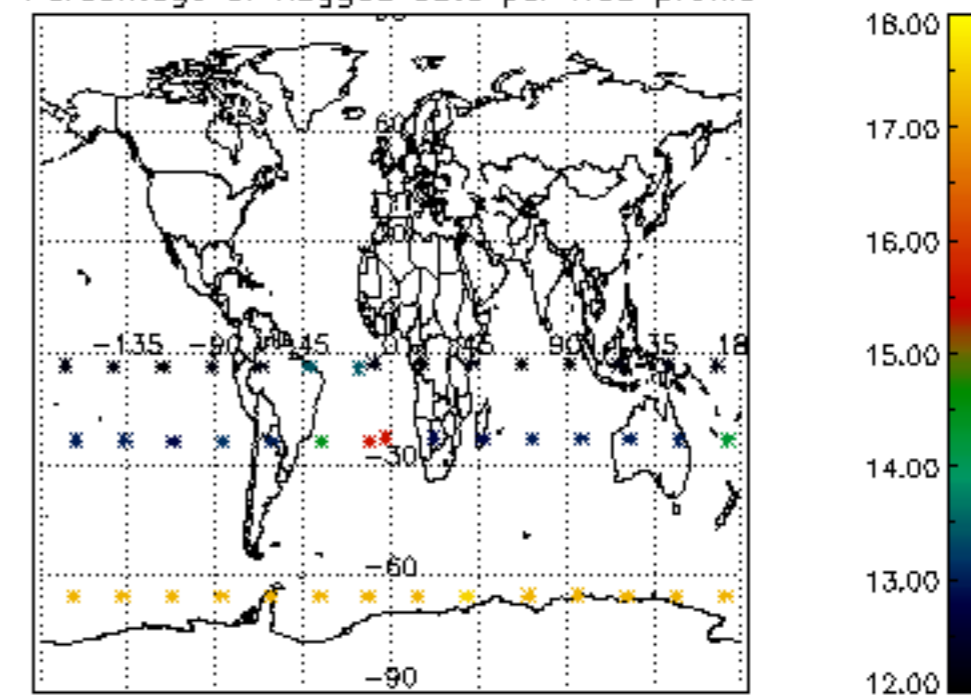
Percentage of flagged data per H2O profile

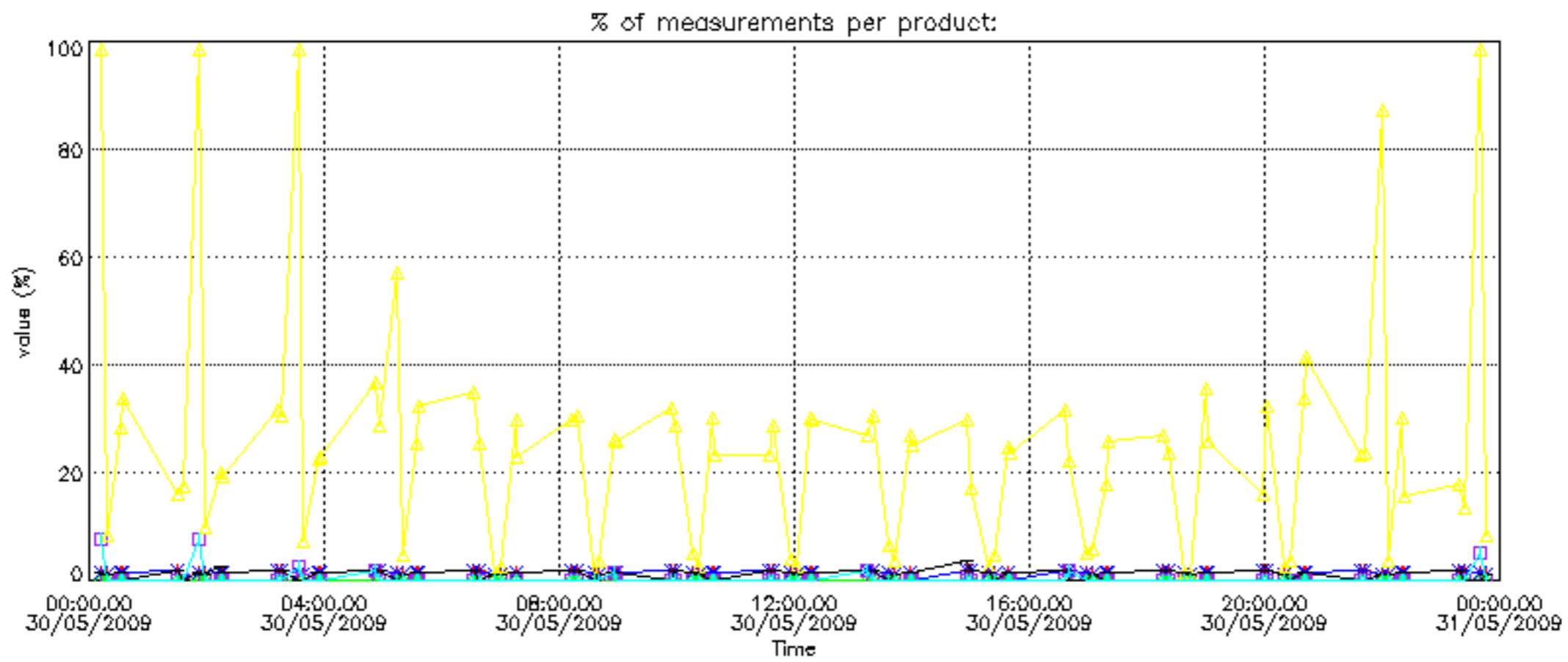


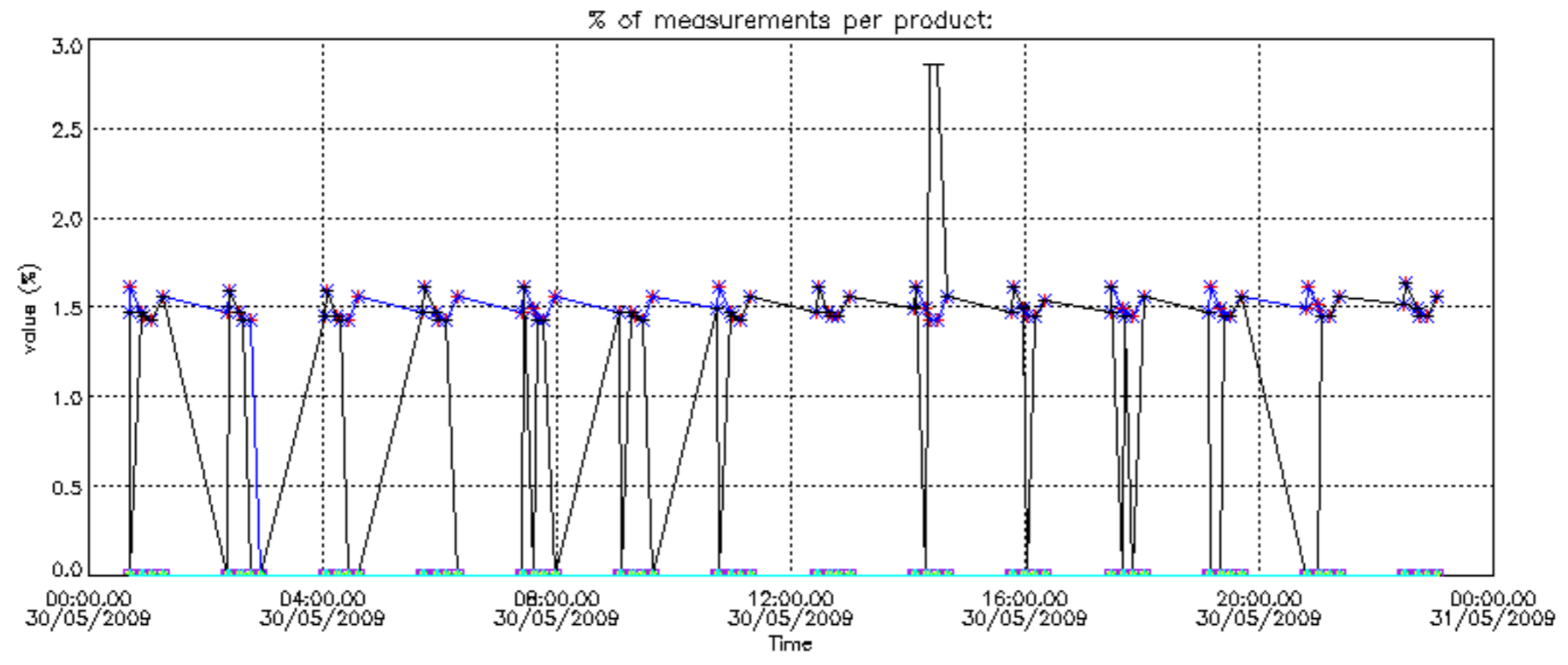
Percentage of flagged data per NO2 profile



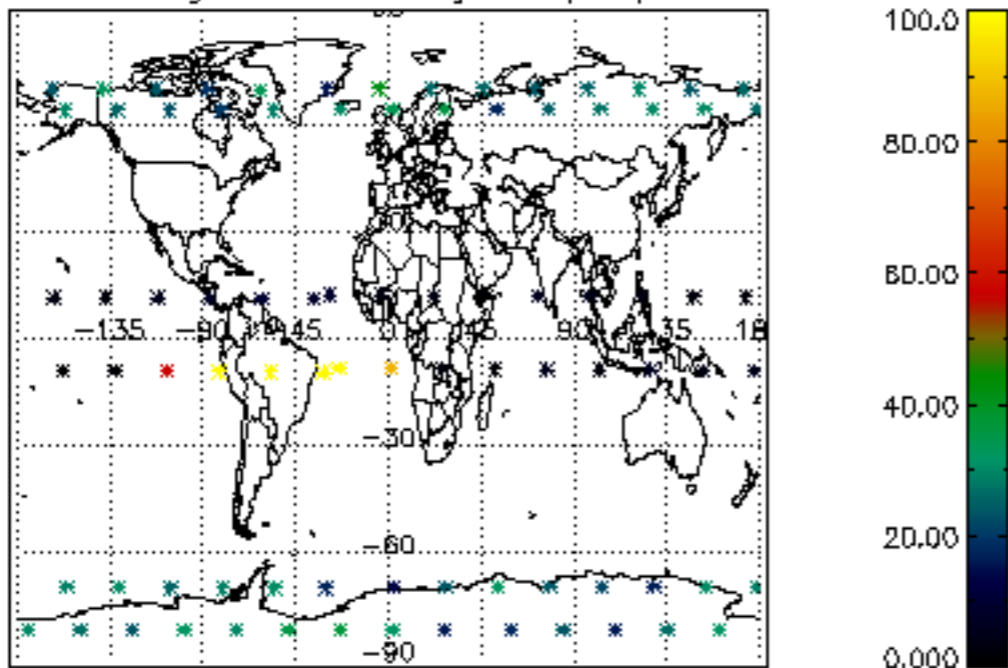
Percentage of flagged data per NO3 profile



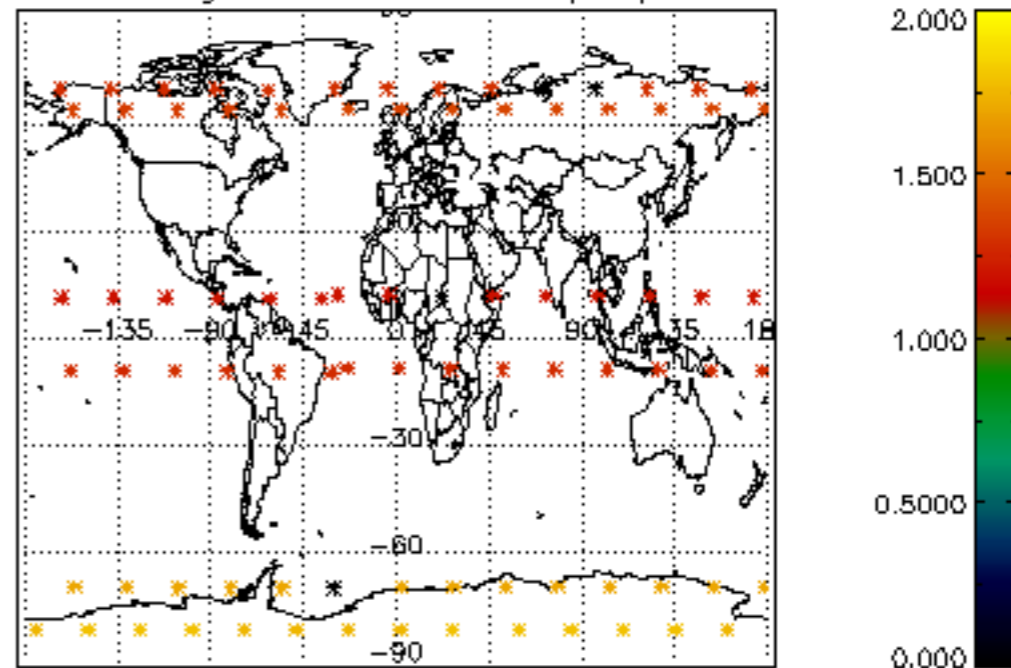




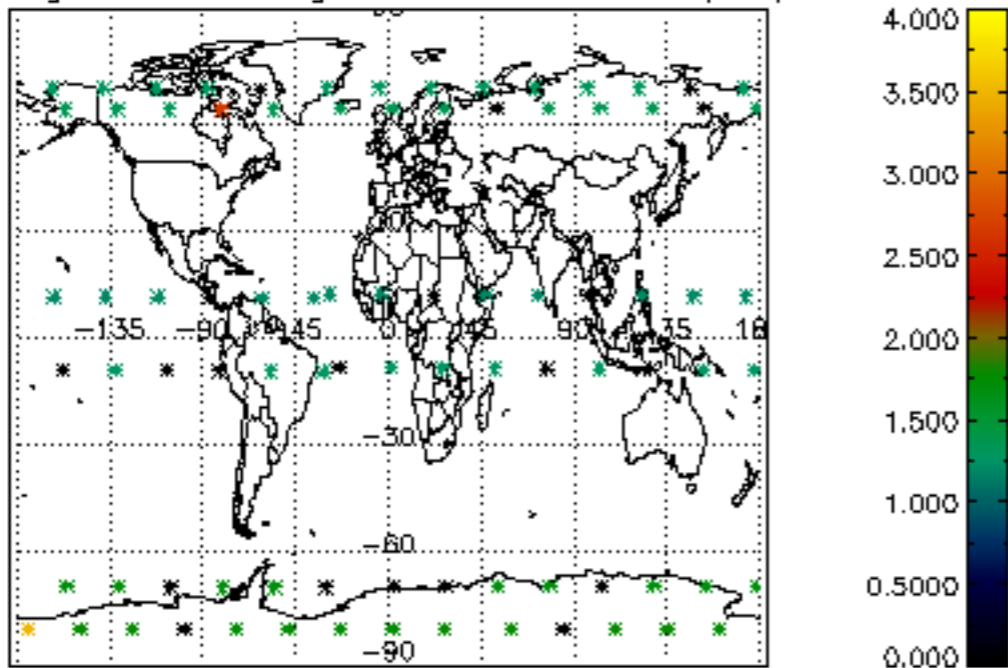
Percentage of cosmic ray hits per profile



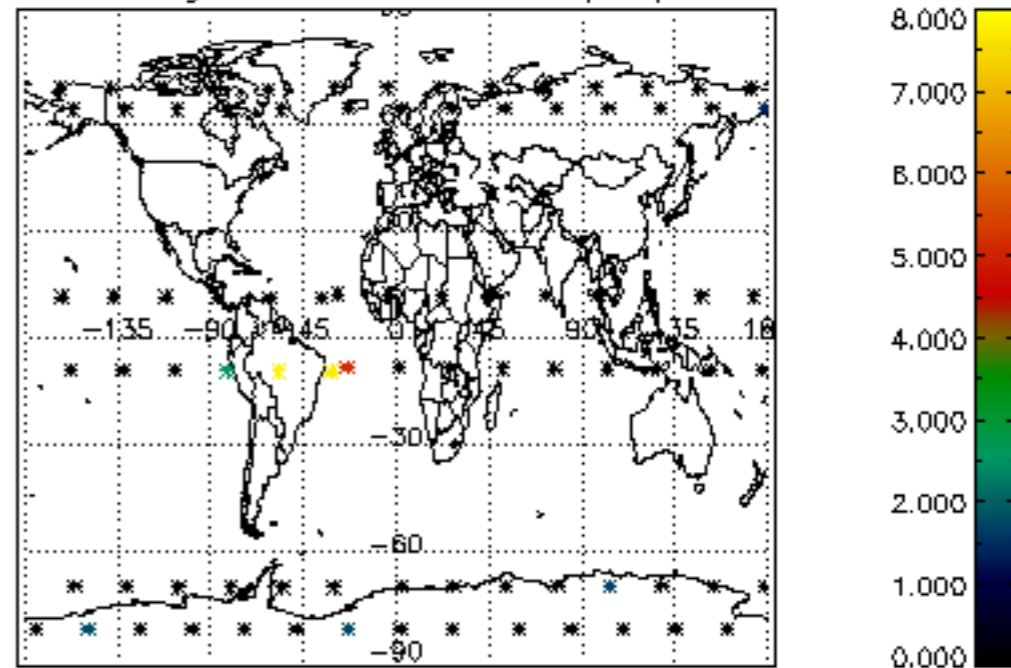
Percentage of datation errors per profile



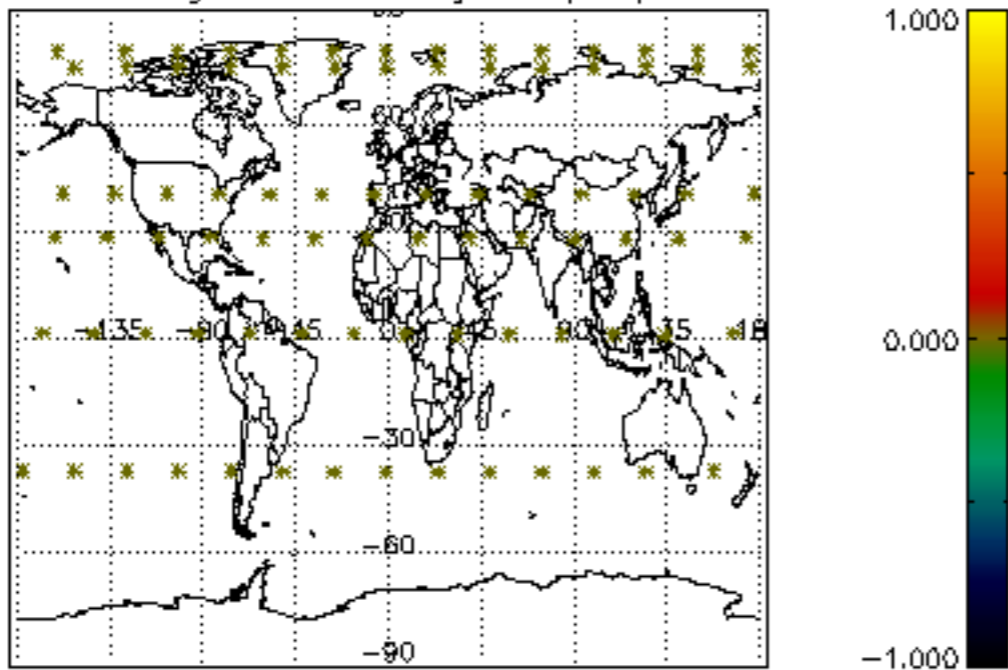
Percentage of star falling outside central band per profile



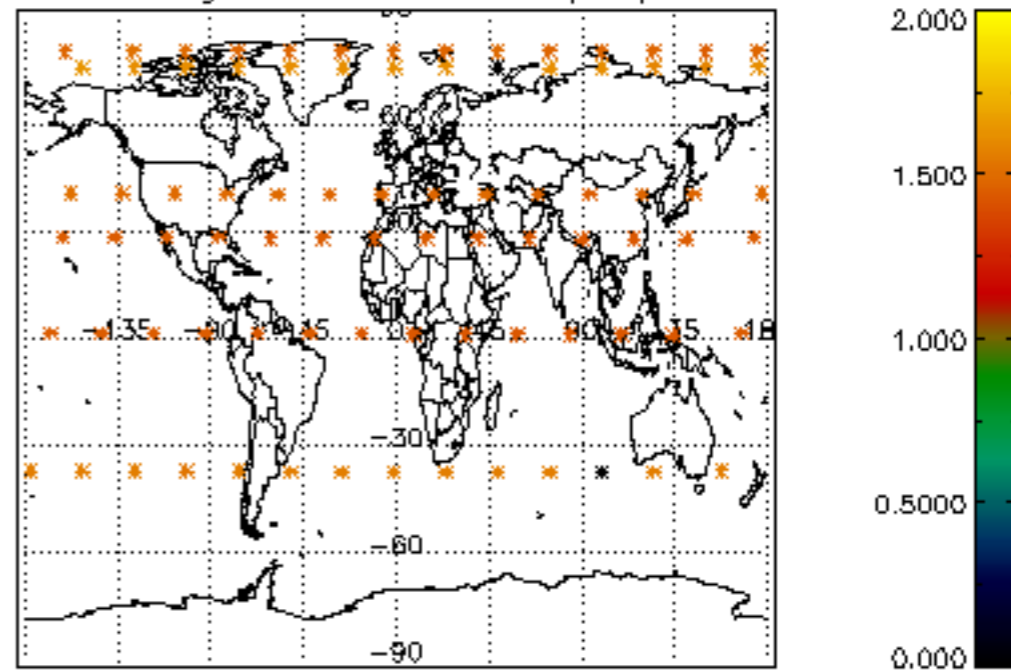
Percentage of saturation errors per profile



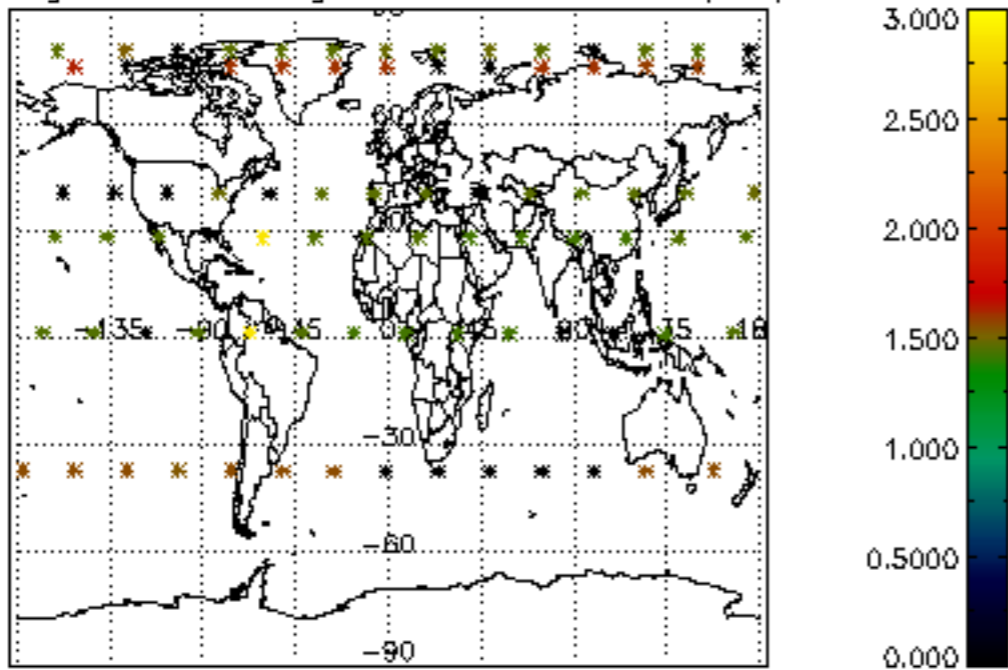
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

