

# 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	29APR2013 10:44:19
Data source version	GOMOS/6.01
Start time of products	13-05-2010 (13MAY2010 00:00:00)
Stop time of products	14-05-2010 (14MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	289
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__2PRFIN20100513_000108_000000572089_00231_42870_9224.N1	13-MAY-2010 00:01:08	Bright	57.000	80	7Del Sco	2.3160	30000.	114	42870	No
2	GOM_NL__2PRFIN20100513_000353_000000402089_00231_42870_9225.N1	13-MAY-2010 00:03:53	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42870	No
3	GOM_NL__2PRFIN20100513_000549_000000412089_00231_42870_9226.N1	13-MAY-2010 00:05:49	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	42870	No
4	GOM_NL__2PRFIN20100513_001125_000000462089_00231_42870_9227.N1	13-MAY-2010 00:11:25	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	42870	No
5	GOM_NL__2PRFIN20100513_001419_000000402089_00231_42870_9228.N1	13-MAY-2010 00:14:19	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	42870	No
6	GOM_NL__2PRFIN20100513_001655_000000402089_00231_42870_9229.N1	13-MAY-2010 00:16:55	Bright	39.500	83		2.3780	11000.	79	42870	No
7	GOM_NL__2PRFIN20100513_002003_000000392089_00231_42870_9230.N1	13-MAY-2010 00:20:03	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42870	No
8	GOM_NL__2PRFIN20100513_002249_000000362089_00231_42870_9231.N1	13-MAY-2010 00:22:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	42870	No
9	GOM_NL__2PRFIN20100513_002857_000000442089_00231_42870_9232.N1	13-MAY-2010 00:28:57	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42870	No
10	GOM_NL__2PRFIN20100513_003951_000000452089_00231_42870_9233.N1	13-MAY-2010 00:39:51	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42870	No
11	GOM_NL__2PRFIN20100513_004307_000000542089_00231_42870_9234.N1	13-MAY-2010 00:43:07	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42870	No
12	GOM_NL__2PRFIN20100513_005313_000000592089_00231_42870_9235.N1	13-MAY-2010 00:53:13	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	42870	No
13	GOM_NL__2PRFIN20100513_005614_000000422089_00231_42870_9236.N1	13-MAY-2010 00:56:14	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	42870	No
14	GOM_NL__2PRFIN20100513_005742_000000542089_00231_42870_9237.N1	13-MAY-2010 00:57:42	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	42870	No
15	GOM_NL__2PRFIN20100513_011536_000000462089_00231_42870_9238.N1	13-MAY-2010 01:15:36	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	42870	No
16	GOM_NL__2PRFIN20100513_011659_000000452089_00231_42870_9239.N1	13-MAY-2010 01:16:59	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42870	No
17	GOM_NL__2PRFIN20100513_012234_000000422089_00232_42871_9257.N1	13-MAY-2010 01:22:34	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42871	No
18	GOM_NL__2PRFIN20100513_012954_000000522089_00232_42871_9258.N1	13-MAY-2010 01:29:54	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42871	No
19	GOM_NL__2PRFIN20100513_013221_000000532089_00232_42871_9259.N1	13-MAY-2010 01:32:21	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42871	No
20	GOM_NL__2PRFIN20100513_013413_000000532089_00232_42871_9260.N1	13-MAY-2010 01:34:13	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42871	No
21	GOM_NL__2PRFIN20100513_013642_000000542089_00232_42871_9261.N1	13-MAY-2010 01:36:42	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	42871	No
22	GOM_NL__2PRFIN20100513_013955_000000592089_00232_42871_9262.N1	13-MAY-2010 01:39:55	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	42871	No
23	GOM_NL__2PRFIN20100513_014143_000000622089_00232_42871_9263.N1	13-MAY-2010 01:41:43	Bright	62.000	80	7Del Sco	2.3160	30000.	124	42871	No
24	GOM_NL__2PRFIN20100513_014429_000000402089_00232_42871_9264.N1	13-MAY-2010 01:44:29	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	42871	No
25	GOM_NL__2PRFIN20100513_014624_000000422089_00232_42871_9265.N1	13-MAY-2010 01:46:24	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	42871	No
26	GOM_NL__2PRFIN20100513_015200_000000462089_00232_42871_9266.N1	13-MAY-2010 01:52:00	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	42871	No
27	GOM_NL__2PRFIN20100513_015455_000000402089_00232_42871_9267.N1	13-MAY-2010 01:54:55	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	42871	No
28	GOM_NL__2PRFIN20100513_015731_000000402089_00232_42871_9268.N1	13-MAY-2010 01:57:31	Bright	40.000	83		2.3780	11000.	80	42871	No
29	GOM_NL__2PRFIN20100513_020038_000000382089_00232_42871_9269.N1	13-MAY-2010 02:00:38	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42871	No
30	GOM_NL__2PRFIN20100513_020326_000000362089_00232_42871_9270.N1	13-MAY-2010 02:03:26	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	42871	No
31	GOM_NL__2PRFIN20100513_020933_000000452089_00232_42871_9271.N1	13-MAY-2010 02:09:33	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42871	No
32	GOM_NL__2PRFIN20100513_022027_000000462089_00232_42871_9272.N1	13-MAY-2010 02:20:27	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42871	No
33	GOM_NL__2PRFIN20100513_022343_000000522089_00232_42871_9273.N1	13-MAY-2010 02:23:43	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	42871	No
34	GOM_NL__2PRFIN20100513_023349_000000552089_00232_42871_9274.N1	13-MAY-2010 02:33:49	Twilight	55.000	93	53Bet Peg	2.5200	3100.0	110	42871	No
35	GOM_NL__2PRFIN20100513_023650_000000432089_00232_42871_9275.N1	13-MAY-2010 02:36:50	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42871	No
36	GOM_NL__2PRFIN20100513_023819_000000522089_00232_42871_9276.N1	13-MAY-2010 02:38:19	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	42871	No
37	GOM_NL__2PRFIN20100513_025145_000000472089_00232_42871_9277.N1	13-MAY-2010 02:51:45	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	42871	No
38	GOM_NL__2PRFIN20100513_025612_000000492089_00232_42871_9278.N1	13-MAY-2010 02:56:12	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	42871	No
39	GOM_NL__2PRFIN20100513_025736_000000422089_00232_42871_9279.N1	13-MAY-2010 02:57:36	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42871	No
40	GOM_NL__2PRFIN20100513_030311_000000422089_00233_42872_9265.N1	13-MAY-2010 03:03:11	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42872	No
41	GOM_NL__2PRFIN20100513_031031_000000472089_00233_42872_9266.N1	13-MAY-2010 03:10:31	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	42872	No
42	GOM_NL__2PRFIN20100513_031257_000000532089_00233_42872_9267.N1	13-MAY-2010 03:12:57	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42872	No

43	GOM_NL__2PRFIN20100513_031449_000000552089_00233_42872_9268.N1	13-MAY-2010 03:14:49	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42872	No
44	GOM_NL__2PRFIN20100513_031718_000000512089_00233_42872_9269.N1	13-MAY-2010 03:17:18	Straylight	51.000	75	26Eps Sco	2.2910	4250.0	102	42872	No
45	GOM_NL__2PRFIN20100513_032031_000000562089_00233_42872_9270.N1	13-MAY-2010 03:20:31	Tw_i_and_stray	56.000	16	21Alp Sco	1.0200	3000.0	112	42872	No
46	GOM_NL__2PRFIN20100513_032220_000000622089_00233_42872_9271.N1	13-MAY-2010 03:22:20	Bright	61.500	80	7Del Sco	2.3160	30000.	123	42872	No
47	GOM_NL__2PRFIN20100513_032505_000000382089_00233_42872_9272.N1	13-MAY-2010 03:25:05	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	42872	No
48	GOM_NL__2PRFIN20100513_032701_000000412089_00233_42872_9273.N1	13-MAY-2010 03:27:01	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	42872	No
49	GOM_NL__2PRFIN20100513_033236_000000472089_00233_42872_9274.N1	13-MAY-2010 03:32:36	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	42872	No
50	GOM_NL__2PRFIN20100513_033531_000000372089_00233_42872_9275.N1	13-MAY-2010 03:35:31	Bright	37.000	3	16Alp Boo	-0.050000	4250.0	74	42872	No
51	GOM_NL__2PRFIN20100513_033807_000000402089_00233_42872_9276.N1	13-MAY-2010 03:38:07	Bright	39.500	83		2.3780	11000.	79	42872	No
52	GOM_NL__2PRFIN20100513_034114_000000362089_00233_42872_9277.N1	13-MAY-2010 03:41:14	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	42872	No
53	GOM_NL__2PRFIN20100513_035009_000000442089_00233_42872_9278.N1	13-MAY-2010 03:50:09	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42872	No
54	GOM_NL__2PRFIN20100513_040102_000000452089_00233_42872_9279.N1	13-MAY-2010 04:01:02	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42872	No
55	GOM_NL__2PRFIN20100513_040419_000000542089_00233_42872_9280.N1	13-MAY-2010 04:04:19	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42872	No
56	GOM_NL__2PRFIN20100513_041424_000000562089_00233_42872_9281.N1	13-MAY-2010 04:14:24	Tw_i_and_stray	56.000	93	53Bet Peg	2.5200	3100.0	112	42872	No
57	GOM_NL__2PRFIN20100513_041727_000000422089_00233_42872_9282.N1	13-MAY-2010 04:17:27	Twilight	42.000	140	88Gam Peg	2.8340	26000.	84	42872	No
58	GOM_NL__2PRFIN20100513_041855_000000532089_00233_42872_9283.N1	13-MAY-2010 04:18:55	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	42872	No
59	GOM_NL__2PRFIN20100513_043221_000000482089_00233_42872_9284.N1	13-MAY-2010 04:32:21	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	42872	No
60	GOM_NL__2PRFIN20100513_043649_000000562089_00233_42872_9285.N1	13-MAY-2010 04:36:49	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	42872	No
61	GOM_NL__2PRFIN20100513_043812_000000542089_00233_42872_9286.N1	13-MAY-2010 04:38:12	Dark	53.500	31	Alp Gru	1.7340	15200.	107	42872	No
62	GOM_NL__2PRFIN20100513_044348_000000412089_00234_42873_9273.N1	13-MAY-2010 04:43:48	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42873	No
63	GOM_NL__2PRFIN20100513_045107_000000452089_00234_42873_9274.N1	13-MAY-2010 04:51:07	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	42873	No
64	GOM_NL__2PRFIN20100513_045334_000000512089_00234_42873_9275.N1	13-MAY-2010 04:53:34	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42873	No
65	GOM_NL__2PRFIN20100513_045526_000000572089_00234_42873_9276.N1	13-MAY-2010 04:55:26	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42873	No
66	GOM_NL__2PRFIN20100513_045755_000000532089_00234_42873_9277.N1	13-MAY-2010 04:57:55	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	42873	No
67	GOM_NL__2PRFIN20100513_050108_000000672089_00234_42873_9278.N1	13-MAY-2010 05:01:08	Tw_i_and_stray	66.500	16	21Alp Sco	1.0200	3000.0	133	42873	No
68	GOM_NL__2PRFIN20100513_050256_000000592089_00234_42873_9279.N1	13-MAY-2010 05:02:56	Bright	58.500	80	7Del Sco	2.3160	30000.	117	42873	No
69	GOM_NL__2PRFIN20100513_050541_000000402089_00234_42873_9280.N1	13-MAY-2010 05:05:41	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42873	No
70	GOM_NL__2PRFIN20100513_050737_000000402089_00234_42873_9281.N1	13-MAY-2010 05:07:37	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42873	No
71	GOM_NL__2PRFIN20100513_051311_000000472089_00234_42873_9282.N1	13-MAY-2010 05:13:11	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	42873	No
72	GOM_NL__2PRFIN20100513_051607_000000372089_00234_42873_9283.N1	13-MAY-2010 05:16:07	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	42873	No
73	GOM_NL__2PRFIN20100513_051843_000000422089_00234_42873_9284.N1	13-MAY-2010 05:18:43	Bright	41.500	83		2.3780	11000.	83	42873	No
74	GOM_NL__2PRFIN20100513_052150_000000382089_00234_42873_9285.N1	13-MAY-2010 05:21:50	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42873	No
75	GOM_NL__2PRFIN20100513_053044_000000422089_00234_42873_9286.N1	13-MAY-2010 05:30:44	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42873	No
76	GOM_NL__2PRFIN20100513_054138_000000442089_00234_42873_9287.N1	13-MAY-2010 05:41:38	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42873	No
77	GOM_NL__2PRFIN20100513_054455_000000542089_00234_42873_9288.N1	13-MAY-2010 05:44:55	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42873	No
78	GOM_NL__2PRFIN20100513_055501_000000592089_00234_42873_9289.N1	13-MAY-2010 05:55:01	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	42873	No
79	GOM_NL__2PRFIN20100513_055803_000000432089_00234_42873_9290.N1	13-MAY-2010 05:58:03	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42873	No
80	GOM_NL__2PRFIN20100513_055931_000000532089_00234_42873_9291.N1	13-MAY-2010 05:59:31	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	42873	No
81	GOM_NL__2PRFIN20100513_061258_000000452089_00234_42873_9292.N1	13-MAY-2010 06:12:58	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	42873	No
82	GOM_NL__2PRFIN20100513_061726_000000452089_00234_42873_9293.N1	13-MAY-2010 06:17:26	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	42873	No
83	GOM_NL__2PRFIN20100513_061849_000000432089_00234_42873_9294.N1	13-MAY-2010 06:18:49	Dark	43.000	31	Alp Gru	1.7340	15200.	86	42873	No
84	GOM_NL__2PRFIN20100513_062424_000000422089_00235_42874_9281.N1	13-MAY-2010 06:24:24	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42874	No
85	GOM_NL__2PRFIN20100513_063144_000000452089_00235_42874_9282.N1	13-MAY-2010 06:31:44	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42874	No
86	GOM_NL__2PRFIN20100513_063411_000000522089_00235_42874_9283.N1	13-MAY-2010 06:34:11	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42874	No
87	GOM_NL__2PRFIN20100513_063603_000000542089_00235_42874_9284.N1	13-MAY-2010 06:36:03	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42874	No
88	GOM_NL__2PRFIN20100513_063831_000000542089_00235_42874_9285.N1	13-MAY-2010 06:38:31	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	42874	No
89	GOM_NL__2PRFIN20100513_064144_000000662089_00235_42874_9286.N1	13-MAY-2010 06:41:44	Tw_i_and_stray	65.500	16	21Alp Sco	1.0200	3000.0	131	42874	No
90	GOM_NL__2PRFIN20100513_064332_000000592089_00235_42874_9287.N1	13-MAY-2010 06:43:32	Bright	58.500	80	7Del Sco	2.3160	30000.	117	42874	No
91	GOM_NL__2PRFIN20100513_064617_000000392089_00235_42874_9288.N1	13-MAY-2010 06:46:17	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	42874	No
92	GOM_NL__2PRFIN20100513_064813_000000412089_00235_42874_9289.N1	13-MAY-2010 06:48:13	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	42874	No
93	GOM_NL__2PRFIN20100513_065347_000000502089_00235_42874_9290.N1	13-MAY-2010 06:53:47	Bright	49.500	102	24Alp Ser	2.6000	4250.0	99	42874	No
94	GOM_NL__2PRFIN20100513_065643_000000402089_00235_42874_9291.N1	13-MAY-2010 06:56:43	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	42874	No
95	GOM_NL__2PRFIN20100513_065918_000000422089_00235_42874_9292.N1	13-MAY-2010 06:59:18	Bright	42.000	83		2.3780	11000.	84	42874	No
96	GOM_NL__2PRFIN20100513_070226_000000402089_00235_42874_9293.N1	13-MAY-2010 07:02:26	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	42874	No
97	GOM_NL__2PRFIN20100513_071119_000000432089_00235_42874_9294.N1	13-MAY-2010 07:11:19	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42874	No
98	GOM_NL__2PRFIN20100513_072213_000000462089_00235_42874_9295.N1	13-MAY-2010 07:22:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42874	No
99	GOM_NL__2PRFIN20100513_072531_000000362089_00235_42874_9296.N1	13-MAY-2010 07:25:31	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	42874	No
100	GOM_NL__2PRFIN20100513_073537_000000562089_00235_42874_9297.N1	13-MAY-2010 07:35:37	Tw_i_and_stray	55.500	93	53Bet Peg	2.5200	3100.0	111	42874	No
101	GOM_NL__2PRFIN20100513_073839_000000432089_00235_42874_9298.N1	13-MAY-2010 07:38:39	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42874	No

102	GOM_NL__2PRFIN20100513_074008_000000512089_00235_42874_9299.N1	13-MAY-2010 07:40:08	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	42874	No
103	GOM_NL__2PRFIN20100513_075335_000000482089_00235_42874_9300.N1	13-MAY-2010 07:53:35	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42874	No
104	GOM_NL__2PRFIN20100513_075802_000000452089_00235_42874_9301.N1	13-MAY-2010 07:58:02	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	42874	No
105	GOM_NL__2PRFIN20100513_075926_000000422089_00235_42874_9302.N1	13-MAY-2010 07:59:26	Dark	42.000	31	Alp Gru	1.7340	15200.	84	42874	No
106	GOM_NL__2PRFIN20100513_080501_000000422089_00236_42875_9289.N1	13-MAY-2010 08:05:01	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42875	No
107	GOM_NL__2PRFIN20100513_081220_000000512089_00236_42875_9290.N1	13-MAY-2010 08:12:20	Straylight	51.000	141	Bet Ara	2.8400	4600.0	102	42875	No
108	GOM_NL__2PRFIN20100513_081447_000000512089_00236_42875_9291.N1	13-MAY-2010 08:14:47	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42875	No
109	GOM_NL__2PRFIN20100513_081639_000000552089_00236_42875_9292.N1	13-MAY-2010 08:16:39	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42875	No
110	GOM_NL__2PRFIN20100513_081908_000000522089_00236_42875_9293.N1	13-MAY-2010 08:19:08	Straylight	52.000	75	26Eps Sco	2.2910	4250.0	104	42875	No
111	GOM_NL__2PRFIN20100513_082220_000000622089_00236_42875_9294.N1	13-MAY-2010 08:22:20	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	42875	No
112	GOM_NL__2PRFIN20100513_082408_000000512089_00236_42875_9295.N1	13-MAY-2010 08:24:08	Bright	51.000	80	7Del Sco	2.3160	30000.	102	42875	No
113	GOM_NL__2PRFIN20100513_082653_000000382089_00236_42875_9296.N1	13-MAY-2010 08:26:53	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	42875	No
114	GOM_NL__2PRFIN20100513_082849_000000422089_00236_42875_9297.N1	13-MAY-2010 08:28:49	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42875	No
115	GOM_NL__2PRFIN20100513_083423_000000472089_00236_42875_9298.N1	13-MAY-2010 08:34:23	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	42875	No
116	GOM_NL__2PRFIN20100513_083719_000000392089_00236_42875_9299.N1	13-MAY-2010 08:37:19	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42875	No
117	GOM_NL__2PRFIN20100513_083954_000000382089_00236_42875_9300.N1	13-MAY-2010 08:39:54	Bright	37.500	83		2.3780	11000.	75	42875	No
118	GOM_NL__2PRFIN20100513_084301_000000382089_00236_42875_9301.N1	13-MAY-2010 08:43:01	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42875	No
119	GOM_NL__2PRFIN20100513_085155_000000442089_00236_42875_9302.N1	13-MAY-2010 08:51:55	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42875	No
120	GOM_NL__2PRFIN20100513_090249_000000452089_00236_42875_9303.N1	13-MAY-2010 09:02:49	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	42875	No
121	GOM_NL__2PRFIN20100513_090607_000000542089_00236_42875_9304.N1	13-MAY-2010 09:06:07	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42875	No
122	GOM_NL__2PRFIN20100513_091613_000000582089_00236_42875_9305.N1	13-MAY-2010 09:16:13	Twilight	58.000	93	53Bet Peg	2.5200	3100.0	116	42875	No
123	GOM_NL__2PRFIN20100513_091915_000000432089_00236_42875_9306.N1	13-MAY-2010 09:19:15	Twilight	43.000	140	88Gam Peg	2.8340	26000.	86	42875	No
124	GOM_NL__2PRFIN20100513_092044_000000502089_00236_42875_9307.N1	13-MAY-2010 09:20:44	Dark	49.500	90	54Alp Peg	2.4870	11000.	99	42875	No
125	GOM_NL__2PRFIN20100513_093411_000000482089_00236_42875_9308.N1	13-MAY-2010 09:34:11	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42875	No
126	GOM_NL__2PRFIN20100513_093838_000000482089_00236_42875_9309.N1	13-MAY-2010 09:38:38	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	42875	No
127	GOM_NL__2PRFIN20100513_094002_000000432089_00236_42875_9310.N1	13-MAY-2010 09:40:02	Dark	42.500	31	Alp Gru	1.7340	15200.	85	42875	No
128	GOM_NL__2PRFIN20100513_094538_000000502089_00237_42876_9297.N1	13-MAY-2010 09:45:38	Dark	50.000	45	Alp Pav	1.9400	26000.	100	42876	No
129	GOM_NL__2PRFIN20100513_095256_000000442089_00237_42876_9298.N1	13-MAY-2010 09:52:56	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42876	No
130	GOM_NL__2PRFIN20100513_095524_000000512089_00237_42876_9299.N1	13-MAY-2010 09:55:24	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42876	No
131	GOM_NL__2PRFIN20100513_095716_000000552089_00237_42876_9300.N1	13-MAY-2010 09:57:16	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42876	No
132	GOM_NL__2PRFIN20100513_095944_000000542089_00237_42876_9301.N1	13-MAY-2010 09:59:44	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	42876	No
133	GOM_NL__2PRFIN20100513_100256_000000612089_00237_42876_9302.N1	13-MAY-2010 10:02:56	Twilight	61.000	16	21Alp Sco	1.0200	3000.0	122	42876	No
134	GOM_NL__2PRFIN20100513_100444_000000522089_00237_42876_9303.N1	13-MAY-2010 10:04:44	Bright	51.500	80	7Del Sco	2.3160	30000.	103	42876	No
135	GOM_NL__2PRFIN20100513_100729_000000402089_00237_42876_9304.N1	13-MAY-2010 10:07:29	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42876	No
136	GOM_NL__2PRFIN20100513_100925_000000422089_00237_42876_9305.N1	13-MAY-2010 10:09:25	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42876	No
137	GOM_NL__2PRFIN20100513_101459_000000462089_00237_42876_9306.N1	13-MAY-2010 10:14:59	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42876	No
138	GOM_NL__2PRFIN20100513_101754_000000392089_00237_42876_9307.N1	13-MAY-2010 10:17:54	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42876	No
139	GOM_NL__2PRFIN20100513_102030_000000402089_00237_42876_9308.N1	13-MAY-2010 10:20:30	Bright	39.500	83		2.3780	11000.	79	42876	No
140	GOM_NL__2PRFIN20100513_102337_000000382089_00237_42876_9309.N1	13-MAY-2010 10:23:37	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42876	No
141	GOM_NL__2PRFIN20100513_103230_000000432089_00237_42876_9310.N1	13-MAY-2010 10:32:30	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42876	No
142	GOM_NL__2PRFIN20100513_104325_000000432089_00237_42876_9311.N1	13-MAY-2010 10:43:25	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42876	No
143	GOM_NL__2PRFIN20100513_104643_000000352089_00237_42876_9312.N1	13-MAY-2010 10:46:43	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	42876	No
144	GOM_NL__2PRFIN20100513_105649_000000612089_00237_42876_9313.N1	13-MAY-2010 10:56:49	Twilight	60.500	93	53Bet Peg	2.5200	3100.0	121	42876	No
145	GOM_NL__2PRFIN20100513_105951_000000432089_00237_42876_9314.N1	13-MAY-2010 10:59:51	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42876	No
146	GOM_NL__2PRFIN20100513_110121_000000512089_00237_42876_9315.N1	13-MAY-2010 11:01:21	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	42876	No
147	GOM_NL__2PRFIN20100513_111448_000000502089_00237_42876_9316.N1	13-MAY-2010 11:14:48	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	42876	No
148	GOM_NL__2PRFIN20100513_111915_000000472089_00237_42876_9317.N1	13-MAY-2010 11:19:15	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	42876	No
149	GOM_NL__2PRFIN20100513_112039_000000422089_00237_42876_9318.N1	13-MAY-2010 11:20:39	Dark	42.000	31	Alp Gru	1.7340	15200.	84	42876	No
150	GOM_NL__2PRFIN20100513_112614_000000422089_00238_42877_9305.N1	13-MAY-2010 11:26:14	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42877	No
151	GOM_NL__2PRFIN20100513_113333_000000522089_00238_42877_9306.N1	13-MAY-2010 11:33:33	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42877	No
152	GOM_NL__2PRFIN20100513_113601_000000562089_00238_42877_9307.N1	13-MAY-2010 11:36:01	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42877	No
153	GOM_NL__2PRFIN20100513_113752_000000562089_00238_42877_9308.N1	13-MAY-2010 11:37:52	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42877	No
154	GOM_NL__2PRFIN20100513_114020_000000562089_00238_42877_9309.N1	13-MAY-2010 11:40:20	Straylight	55.500	75	26Eps Sco	2.2910	4250.0	111	42877	No
155	GOM_NL__2PRFIN20100513_114332_000000622089_00238_42877_9310.N1	13-MAY-2010 11:43:32	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	42877	No
156	GOM_NL__2PRFIN20100513_114520_000000542089_00238_42877_9311.N1	13-MAY-2010 11:45:20	Bright	53.500	80	7Del Sco	2.3160	30000.	107	42877	No
157	GOM_NL__2PRFIN20100513_114805_000000402089_00238_42877_9312.N1	13-MAY-2010 11:48:05	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	42877	No
158	GOM_NL__2PRFIN20100513_115000_000000422089_00238_42877_9313.N1	13-MAY-2010 11:50:00	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	42877	No
159	GOM_NL__2PRFIN20100513_115534_000000472089_00238_42877_9314.N1	13-MAY-2010 11:55:34	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	42877	No
160	GOM_NL__2PRFIN20100513_115830_000000372089_00238_42877_9315.N1	13-MAY-2010 11:58:30	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	42877	No

161	GOM_NL__2PRFIN20100513_120105_000000442089_00238_42877_9316.N1	13-MAY-2010 12:01:05	Bright	44.000	83		2.3780	11000.	88	42877	No
162	GOM_NL__2PRFIN20100513_120413_000000372089_00238_42877_9317.N1	13-MAY-2010 12:04:13	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42877	No
163	GOM_NL__2PRFIN20100513_121306_000000442089_00238_42877_9318.N1	13-MAY-2010 12:13:06	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42877	No
164	GOM_NL__2PRFIN20100513_122400_000000432089_00238_42877_9319.N1	13-MAY-2010 12:24:00	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42877	No
165	GOM_NL__2PRFIN20100513_122718_000000402089_00238_42877_9320.N1	13-MAY-2010 12:27:18	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	42877	No
166	GOM_NL__2PRFIN20100513_123725_000000562089_00238_42877_9321.N1	13-MAY-2010 12:37:25	Twilight	56.000	93	53Bet Peg	2.5200	3100.0	112	42877	No
167	GOM_NL__2PRFIN20100513_124027_000000422089_00238_42877_9322.N1	13-MAY-2010 12:40:27	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	42877	No
168	GOM_NL__2PRFIN20100513_124157_000000522089_00238_42877_9323.N1	13-MAY-2010 12:41:57	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	42877	No
169	GOM_NL__2PRFIN20100513_125525_000000522089_00238_42877_9324.N1	13-MAY-2010 12:55:25	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	42877	No
170	GOM_NL__2PRFIN20100513_125952_000000562089_00238_42877_9325.N1	13-MAY-2010 12:59:52	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	42877	No
171	GOM_NL__2PRFIN20100513_130116_000000442089_00238_42877_9326.N1	13-MAY-2010 13:01:16	Dark	44.000	31	Alp Gru	1.7340	15200.	88	42877	No
172	GOM_NL__2PRFIN20100513_130651_000000422089_00239_42878_9379.N1	13-MAY-2010 13:06:51	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42878	No
173	GOM_NL__2PRFIN20100513_131409_000000492089_00239_42878_9380.N1	13-MAY-2010 13:14:09	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	42878	No
174	GOM_NL__2PRFIN20100513_131637_000000512089_00239_42878_9381.N1	13-MAY-2010 13:16:37	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42878	No
175	GOM_NL__2PRFIN20100513_131829_000000572089_00239_42878_9382.N1	13-MAY-2010 13:18:29	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42878	No
176	GOM_NL__2PRFIN20100513_132057_000000542089_00239_42878_9383.N1	13-MAY-2010 13:20:57	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	42878	No
177	GOM_NL__2PRFIN20100513_132409_000000642089_00239_42878_9384.N1	13-MAY-2010 13:24:09	Twilight	63.500	16	21Alp Sco	1.0200	3000.0	127	42878	No
178	GOM_NL__2PRFIN20100513_132557_000000502089_00239_42878_9385.N1	13-MAY-2010 13:25:57	Bright	49.500	80	7Del Sco	2.3160	30000.	99	42878	No
179	GOM_NL__2PRFIN20100513_132842_000000402089_00239_42878_9386.N1	13-MAY-2010 13:28:42	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	42878	No
180	GOM_NL__2PRFIN20100513_133036_000000422089_00239_42878_9387.N1	13-MAY-2010 13:30:36	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42878	No
181	GOM_NL__2PRFIN20100513_133610_000000462089_00239_42878_9388.N1	13-MAY-2010 13:36:10	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42878	No
182	GOM_NL__2PRFIN20100513_133906_000000392089_00239_42878_9389.N1	13-MAY-2010 13:39:06	Bright	38.500	3	16Alp Boo	-0.050000	4250.0	77	42878	No
183	GOM_NL__2PRFIN20100513_134141_000000392089_00239_42878_9390.N1	13-MAY-2010 13:41:41	Bright	38.500	83		2.3780	11000.	77	42878	No
184	GOM_NL__2PRFIN20100513_134448_000000392089_00239_42878_9391.N1	13-MAY-2010 13:44:48	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	42878	No
185	GOM_NL__2PRFIN20100513_135341_000000422089_00239_42878_9392.N1	13-MAY-2010 13:53:41	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42878	No
186	GOM_NL__2PRFIN20100513_140436_000000452089_00239_42878_9393.N1	13-MAY-2010 14:04:36	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42878	No
187	GOM_NL__2PRFIN20100513_140754_000000402089_00239_42878_9394.N1	13-MAY-2010 14:07:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	42878	No
188	GOM_NL__2PRFIN20100513_141801_000000582089_00239_42878_9395.N1	13-MAY-2010 14:18:01	Twilight	58.000	93	53Bet Peg	2.5200	3100.0	116	42878	No
189	GOM_NL__2PRFIN20100513_142103_000000432089_00239_42878_9396.N1	13-MAY-2010 14:21:03	Twilight	43.000	140	88Gam Peg	2.8340	26000.	86	42878	No
190	GOM_NL__2PRFIN20100513_142233_000000522089_00239_42878_9397.N1	13-MAY-2010 14:22:33	Dark	51.500	90	54Alp Peg	2.4870	11000.	103	42878	No
191	GOM_NL__2PRFIN20100513_143601_000000482089_00239_42878_9398.N1	13-MAY-2010 14:36:01	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42878	No
192	GOM_NL__2PRFIN20100513_144028_000000522089_00239_42878_9399.N1	13-MAY-2010 14:40:28	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	42878	No
193	GOM_NL__2PRFIN20100513_144152_000000422089_00239_42878_9400.N1	13-MAY-2010 14:41:52	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42878	No
194	GOM_NL__2PRFIN20100513_162804_000000432089_00241_42880_9332.N1	13-MAY-2010 16:28:04	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42880	No
195	GOM_NL__2PRFIN20100513_163522_000000412089_00241_42880_9333.N1	13-MAY-2010 16:35:22	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	42880	No
196	GOM_NL__2PRFIN20100513_163750_000000482089_00241_42880_9334.N1	13-MAY-2010 16:37:50	Straylight	47.500	40	The Sco	1.8590	7100.0	95	42880	No
197	GOM_NL__2PRFIN20100513_163943_000000572089_00241_42880_9335.N1	13-MAY-2010 16:39:43	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42880	No
198	GOM_NL__2PRFIN20100513_164210_000000552089_00241_42880_9336.N1	13-MAY-2010 16:42:10	Straylight	54.500	75	26Eps Sco	2.2910	4250.0	109	42880	No
199	GOM_NL__2PRFIN20100513_164521_000000622089_00241_42880_9337.N1	13-MAY-2010 16:45:21	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	42880	No
200	GOM_NL__2PRFIN20100513_164709_000000562089_00241_42880_9338.N1	13-MAY-2010 16:47:09	Bright	55.500	80	7Del Sco	2.3160	30000.	111	42880	No
201	GOM_NL__2PRFIN20100513_164954_000000392089_00241_42880_9339.N1	13-MAY-2010 16:49:54	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	42880	No
202	GOM_NL__2PRFIN20100513_165408_000000342089_00241_42880_9340.N1	13-MAY-2010 16:54:08	Twilight	34.000	120	1Del Oph	2.7340	3200.0	68	42880	No
203	GOM_NL__2PRFIN20100513_165721_000000462089_00241_42880_9341.N1	13-MAY-2010 16:57:21	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	42880	No
204	GOM_NL__2PRFIN20100513_170253_000000392089_00241_42880_9342.N1	13-MAY-2010 17:02:53	Bright	39.000	83		2.3780	11000.	78	42880	No
205	GOM_NL__2PRFIN20100513_170600_000000392089_00241_42880_9343.N1	13-MAY-2010 17:06:00	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42880	No
206	GOM_NL__2PRFIN20100513_171452_000000412089_00241_42880_9344.N1	13-MAY-2010 17:14:52	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42880	No
207	GOM_NL__2PRFIN20100513_172546_000000422089_00241_42880_9345.N1	13-MAY-2010 17:25:46	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42880	No
208	GOM_NL__2PRFIN20100513_172906_000000402089_00241_42880_9346.N1	13-MAY-2010 17:29:06	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	42880	No
209	GOM_NL__2PRFIN20100513_173914_000000552089_00241_42880_9347.N1	13-MAY-2010 17:39:14	Twilight	54.500	93	53Bet Peg	2.5200	3100.0	109	42880	No
210	GOM_NL__2PRFIN20100513_174216_000000412089_00241_42880_9348.N1	13-MAY-2010 17:42:16	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	42880	No
211	GOM_NL__2PRFIN20100513_174347_000000512089_00241_42880_9349.N1	13-MAY-2010 17:43:47	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	42880	No
212	GOM_NL__2PRFIN20100513_175715_000000472089_00241_42880_9350.N1	13-MAY-2010 17:57:15	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	42880	No
213	GOM_NL__2PRFIN20100513_180306_000000442089_00241_42880_9351.N1	13-MAY-2010 18:03:06	Dark	44.000	31	Alp Gru	1.7340	15200.	88	42880	No
214	GOM_NL__2PRFIN20100513_180841_000000462089_00242_42881_9428.N1	13-MAY-2010 18:08:41	Dark	45.500	45	Alp Pav	1.9400	26000.	91	42881	No
215	GOM_NL__2PRFIN20100513_181559_000000492089_00242_42881_9429.N1	13-MAY-2010 18:15:59	Straylight	49.000	141	Bet Ara	2.8400	4600.0	98	42881	No
216	GOM_NL__2PRFIN20100513_181827_000000552089_00242_42881_9430.N1	13-MAY-2010 18:18:27	Straylight	55.000	40	The Sco	1.8590	7100.0	110	42881	No
217	GOM_NL__2PRFIN20100513_182019_000000522089_00242_42881_9431.N1	13-MAY-2010 18:20:19	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	42881	No
218	GOM_NL__2PRFIN20100513_182246_000000532089_00242_42881_9432.N1	13-MAY-2010 18:22:46	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	42881	No
219	GOM_NL__2PRFIN20100513_182558_000000582089_00242_42881_9433.N1	13-MAY-2010 18:25:58	Twilight	57.500	16	21Alp Sco	1.0200	3000.0	115	42881	No

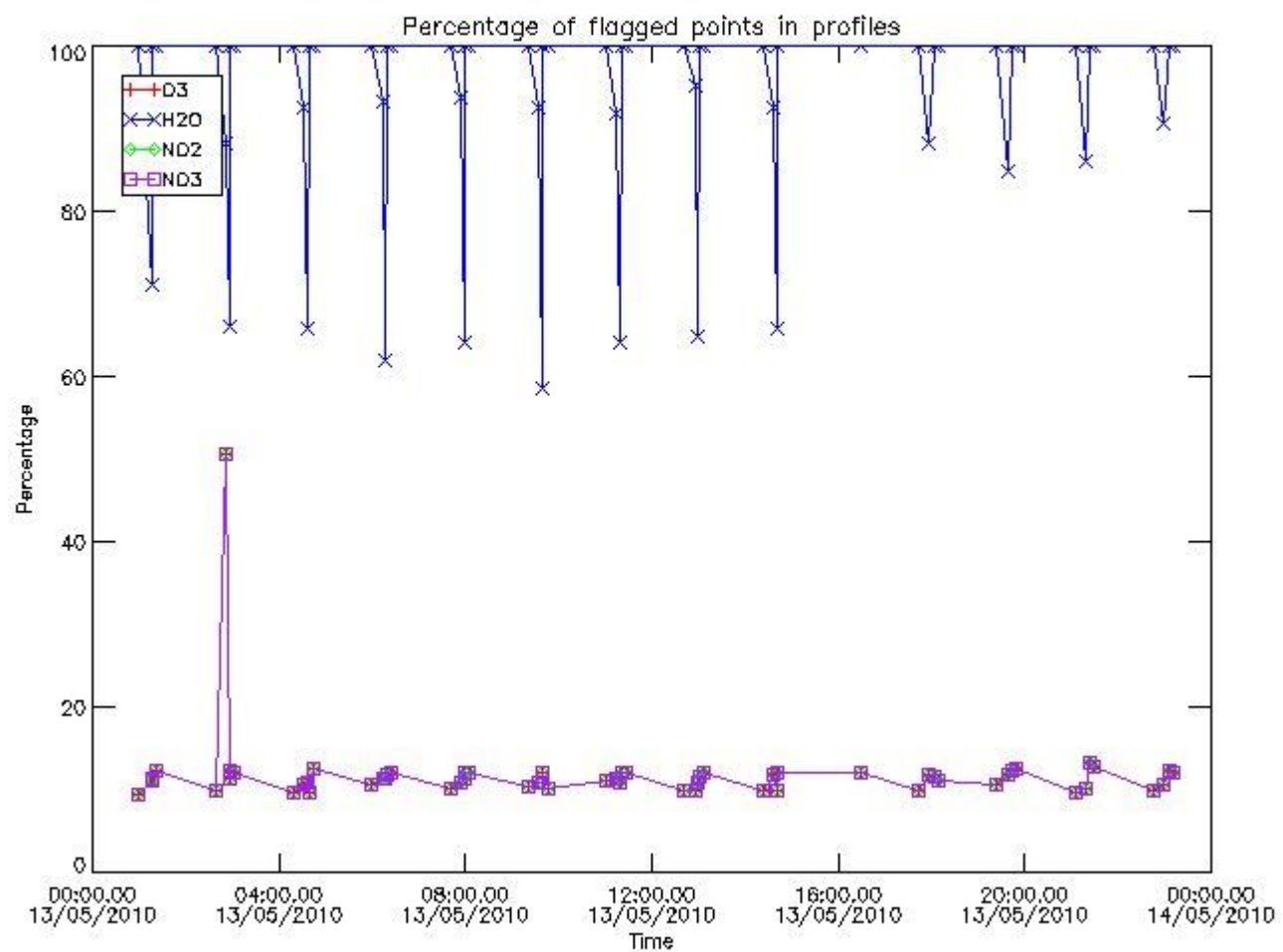
220	GOM_NL__2PRFIN20100513_182745_000000632089_00242_42881_9434.N1	13-MAY-2010 18:27:45	Bright	63.000	80	7Del Sco	2.3160	30000.	126	42881	No
221	GOM_NL__2PRFIN20100513_183030_000000392089_00242_42881_9435.N1	13-MAY-2010 18:30:30	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	42881	No
222	GOM_NL__2PRFIN20100513_183443_000000342089_00242_42881_9436.N1	13-MAY-2010 18:34:43	Twilight	34.000	120	1Del Oph	2.7340	3200.0	68	42881	No
223	GOM_NL__2PRFIN20100513_183757_000000462089_00242_42881_9437.N1	13-MAY-2010 18:37:57	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42881	No
224	GOM_NL__2PRFIN20100513_184328_000000392089_00242_42881_9438.N1	13-MAY-2010 18:43:28	Bright	39.000	83		2.3780	11000.	78	42881	No
225	GOM_NL__2PRFIN20100513_184636_000000382089_00242_42881_9439.N1	13-MAY-2010 18:46:36	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42881	No
226	GOM_NL__2PRFIN20100513_185527_000000442089_00242_42881_9440.N1	13-MAY-2010 18:55:27	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42881	No
227	GOM_NL__2PRFIN20100513_190622_000000462089_00242_42881_9441.N1	13-MAY-2010 19:06:22	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42881	No
228	GOM_NL__2PRFIN20100513_190942_000000542089_00242_42881_9442.N1	13-MAY-2010 19:09:42	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42881	No
229	GOM_NL__2PRFIN20100513_191950_000000562089_00242_42881_9443.N1	13-MAY-2010 19:19:50	Twilight	55.500	93	53Bet Peg	2.5200	3100.0	111	42881	No
230	GOM_NL__2PRFIN20100513_192252_000000432089_00242_42881_9444.N1	13-MAY-2010 19:22:52	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42881	No
231	GOM_NL__2PRFIN20100513_192423_000000532089_00242_42881_9445.N1	13-MAY-2010 19:24:23	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	42881	No
232	GOM_NL__2PRFIN20100513_193752_000000442089_00242_42881_9446.N1	13-MAY-2010 19:37:52	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	42881	No
233	GOM_NL__2PRFIN20100513_194343_000000422089_00242_42881_9447.N1	13-MAY-2010 19:43:43	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42881	No
234	GOM_NL__2PRFIN20100513_194917_000000412089_00243_42882_9495.N1	13-MAY-2010 19:49:17	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42882	No
235	GOM_NL__2PRFIN20100513_195635_000000522089_00243_42882_9496.N1	13-MAY-2010 19:56:35	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42882	No
236	GOM_NL__2PRFIN20100513_195904_000000562089_00243_42882_9497.N1	13-MAY-2010 19:59:04	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42882	No
237	GOM_NL__2PRFIN20100513_200055_000000532089_00243_42882_9498.N1	13-MAY-2010 20:00:55	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42882	No
238	GOM_NL__2PRFIN20100513_200323_000000532089_00243_42882_9499.N1	13-MAY-2010 20:03:23	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	42882	No
239	GOM_NL__2PRFIN20100513_200634_000000622089_00243_42882_9500.N1	13-MAY-2010 20:06:34	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	42882	No
240	GOM_NL__2PRFIN20100513_200821_000000512089_00243_42882_9501.N1	13-MAY-2010 20:08:21	Bright	51.000	80	7Del Sco	2.3160	30000.	102	42882	No
241	GOM_NL__2PRFIN20100513_201106_000000402089_00243_42882_9502.N1	13-MAY-2010 20:11:06	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42882	No
242	GOM_NL__2PRFIN20100513_201301_000000412089_00243_42882_9503.N1	13-MAY-2010 20:13:01	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	42882	No
243	GOM_NL__2PRFIN20100513_201519_000000402089_00243_42882_9504.N1	13-MAY-2010 20:15:19	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	42882	No
244	GOM_NL__2PRFIN20100513_201832_000000462089_00243_42882_9505.N1	13-MAY-2010 20:18:32	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42882	No
245	GOM_NL__2PRFIN20100513_202404_000000402089_00243_42882_9506.N1	13-MAY-2010 20:24:04	Bright	40.000	83		2.3780	11000.	80	42882	No
246	GOM_NL__2PRFIN20100513_202711_000000382089_00243_42882_9507.N1	13-MAY-2010 20:27:11	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	42882	No
247	GOM_NL__2PRFIN20100513_203603_000000422089_00243_42882_9508.N1	13-MAY-2010 20:36:03	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42882	No
248	GOM_NL__2PRFIN20100513_204657_000000432089_00243_42882_9509.N1	13-MAY-2010 20:46:57	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42882	No
249	GOM_NL__2PRFIN20100513_205018_000000492089_00243_42882_9510.N1	13-MAY-2010 20:50:18	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	42882	No
250	GOM_NL__2PRFIN20100513_210026_000000562089_00243_42882_9511.N1	13-MAY-2010 21:00:26	Twilight	55.500	93	53Bet Peg	2.5200	3100.0	111	42882	No
251	GOM_NL__2PRFIN20100513_210328_000000432089_00243_42882_9512.N1	13-MAY-2010 21:03:28	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42882	No
252	GOM_NL__2PRFIN20100513_210459_000000542089_00243_42882_9513.N1	13-MAY-2010 21:04:59	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	42882	No
253	GOM_NL__2PRFIN20100513_211828_000000512089_00243_42882_9514.N1	13-MAY-2010 21:18:28	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	42882	No
254	GOM_NL__2PRFIN20100513_212419_000000422089_00243_42882_9515.N1	13-MAY-2010 21:24:19	Dark	42.000	31	Alp Gru	1.7340	15200.	84	42882	No
255	GOM_NL__2PRFIN20100513_212954_000000442089_00244_42883_9503.N1	13-MAY-2010 21:29:54	Dark	43.500	45	Alp Pav	1.9400	26000.	87	42883	No
256	GOM_NL__2PRFIN20100513_213712_000000502089_00244_42883_9504.N1	13-MAY-2010 21:37:12	Straylight	49.500	141	Bet Ara	2.8400	4600.0	99	42883	No
257	GOM_NL__2PRFIN20100513_213940_000000472089_00244_42883_9505.N1	13-MAY-2010 21:39:40	Straylight	46.500	40	The Sco	1.8590	7100.0	93	42883	No
258	GOM_NL__2PRFIN20100513_214132_000000582089_00244_42883_9506.N1	13-MAY-2010 21:41:32	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	42883	No
259	GOM_NL__2PRFIN20100513_214359_000000532089_00244_42883_9507.N1	13-MAY-2010 21:43:59	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	42883	No
260	GOM_NL__2PRFIN20100513_214710_000000582089_00244_42883_9508.N1	13-MAY-2010 21:47:10	Twilight	57.500	16	21Alp Sco	1.0200	3000.0	115	42883	No
261	GOM_NL__2PRFIN20100513_214858_000000542089_00244_42883_9509.N1	13-MAY-2010 21:48:58	Bright	54.000	80	7Del Sco	2.3160	30000.	108	42883	No
262	GOM_NL__2PRFIN20100513_215142_000000392089_00244_42883_9510.N1	13-MAY-2010 21:51:42	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	42883	No
263	GOM_NL__2PRFIN20100513_215336_000000422089_00244_42883_9511.N1	13-MAY-2010 21:53:36	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	42883	No
264	GOM_NL__2PRFIN20100513_215554_000000402089_00244_42883_9512.N1	13-MAY-2010 21:55:54	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	42883	No
265	GOM_NL__2PRFIN20100513_215907_000000462089_00244_42883_9513.N1	13-MAY-2010 21:59:07	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42883	No
266	GOM_NL__2PRFIN20100513_220439_000000412089_00244_42883_9514.N1	13-MAY-2010 22:04:39	Bright	40.500	83		2.3780	11000.	81	42883	No
267	GOM_NL__2PRFIN20100513_220747_000000372089_00244_42883_9515.N1	13-MAY-2010 22:07:47	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42883	No
268	GOM_NL__2PRFIN20100513_221638_000000422089_00244_42883_9516.N1	13-MAY-2010 22:16:38	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42883	No
269	GOM_NL__2PRFIN20100513_222733_000000462089_00244_42883_9517.N1	13-MAY-2010 22:27:33	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42883	No
270	GOM_NL__2PRFIN20100513_223053_000000542089_00244_42883_9518.N1	13-MAY-2010 22:30:53	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42883	No
271	GOM_NL__2PRFIN20100513_224102_000000562089_00244_42883_9519.N1	13-MAY-2010 22:41:02	Twilight	55.500	93	53Bet Peg	2.5200	3100.0	111	42883	No
272	GOM_NL__2PRFIN20100513_224405_000000432089_00244_42883_9520.N1	13-MAY-2010 22:44:05	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42883	No
273	GOM_NL__2PRFIN20100513_224536_000000512089_00244_42883_9521.N1	13-MAY-2010 22:45:36	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	42883	No
274	GOM_NL__2PRFIN20100513_225905_000000492089_00244_42883_9522.N1	13-MAY-2010 22:59:05	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42883	No
275	GOM_NL__2PRFIN20100513_230456_000000422089_00244_42883_9523.N1	13-MAY-2010 23:04:56	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42883	No
276	GOM_NL__2PRFIN20100513_231030_000000432089_00245_42884_9511.N1	13-MAY-2010 23:10:30	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42884	No
277	GOM_NL__2PRFIN20100513_231748_000000442089_00245_42884_9512.N1	13-MAY-2010 23:17:48	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42884	No
278	GOM_NL__2PRFIN20100513_232017_000000572089_00245_42884_9513.N1	13-MAY-2010 23:20:17	Straylight	57.000	40	The Sco	1.8590	7100.0	114	42884	No

279	GOM_NL__2PRFIN20100513_232209_000000572089_00245_42884_9514.N1	13-MAY-2010 23:22:09	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42884	No
280	GOM_NL__2PRFIN20100513_232435_000000562089_00245_42884_9515.N1	13-MAY-2010 23:24:35	Straylight	55.500	75	26Eps Sco	2.2910	4250.0	111	42884	No
281	GOM_NL__2PRFIN20100513_232746_000000672089_00245_42884_9516.N1	13-MAY-2010 23:27:46	Twilight_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	42884	No
282	GOM_NL__2PRFIN20100513_232934_000000602089_00245_42884_9517.N1	13-MAY-2010 23:29:34	Bright	59.500	80	7Del Sco	2.3160	30000.	119	42884	No
283	GOM_NL__2PRFIN20100513_233218_000000392089_00245_42884_9518.N1	13-MAY-2010 23:32:18	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	42884	No
284	GOM_NL__2PRFIN20100513_233412_000000422089_00245_42884_9519.N1	13-MAY-2010 23:34:12	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42884	No
285	GOM_NL__2PRFIN20100513_233630_000000462089_00245_42884_9520.N1	13-MAY-2010 23:36:30	Bright	46.000	120	1Del Oph	2.7340	3200.0	92	42884	No
286	GOM_NL__2PRFIN20100513_233943_000000462089_00245_42884_9521.N1	13-MAY-2010 23:39:43	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42884	No
287	GOM_NL__2PRFIN20100513_234515_000000422089_00245_42884_9522.N1	13-MAY-2010 23:45:15	Bright	41.500	83		2.3780	11000.	83	42884	No
288	GOM_NL__2PRFIN20100513_234823_000000372089_00245_42884_9523.N1	13-MAY-2010 23:48:23	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	42884	No
289	GOM_NL__2PRFIN20100513_235713_000000442089_00245_42884_9524.N1	13-MAY-2010 23:57:13	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42884	No

### 3. Quality information per product

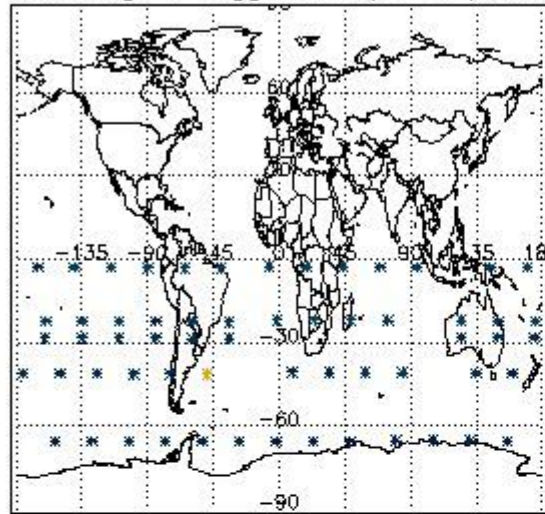
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

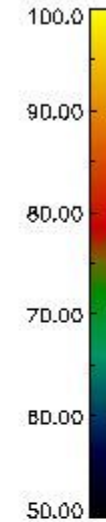
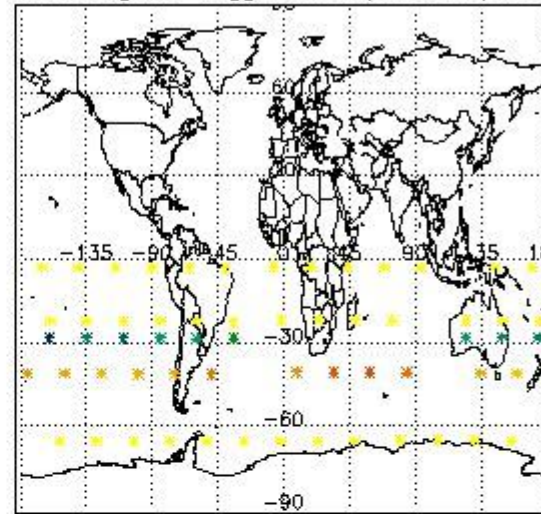


#### 3.2 Plot quality information per product (world map)

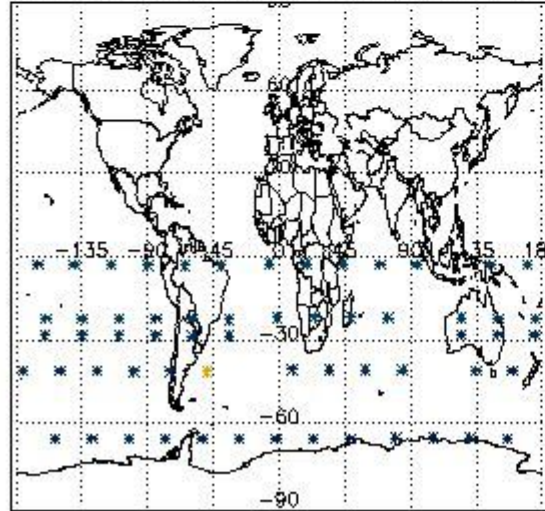
Percentage of flagged data per O3 profile



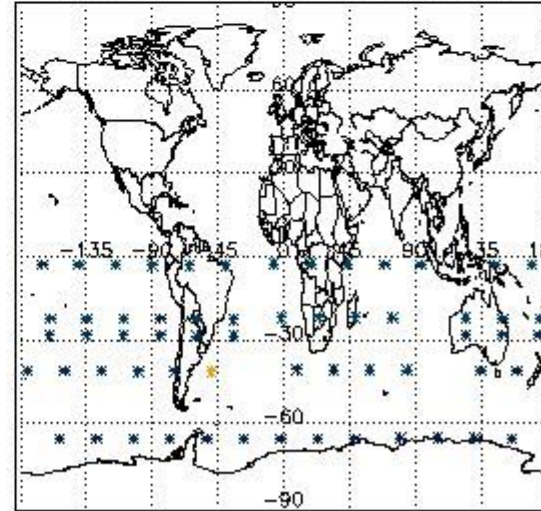
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



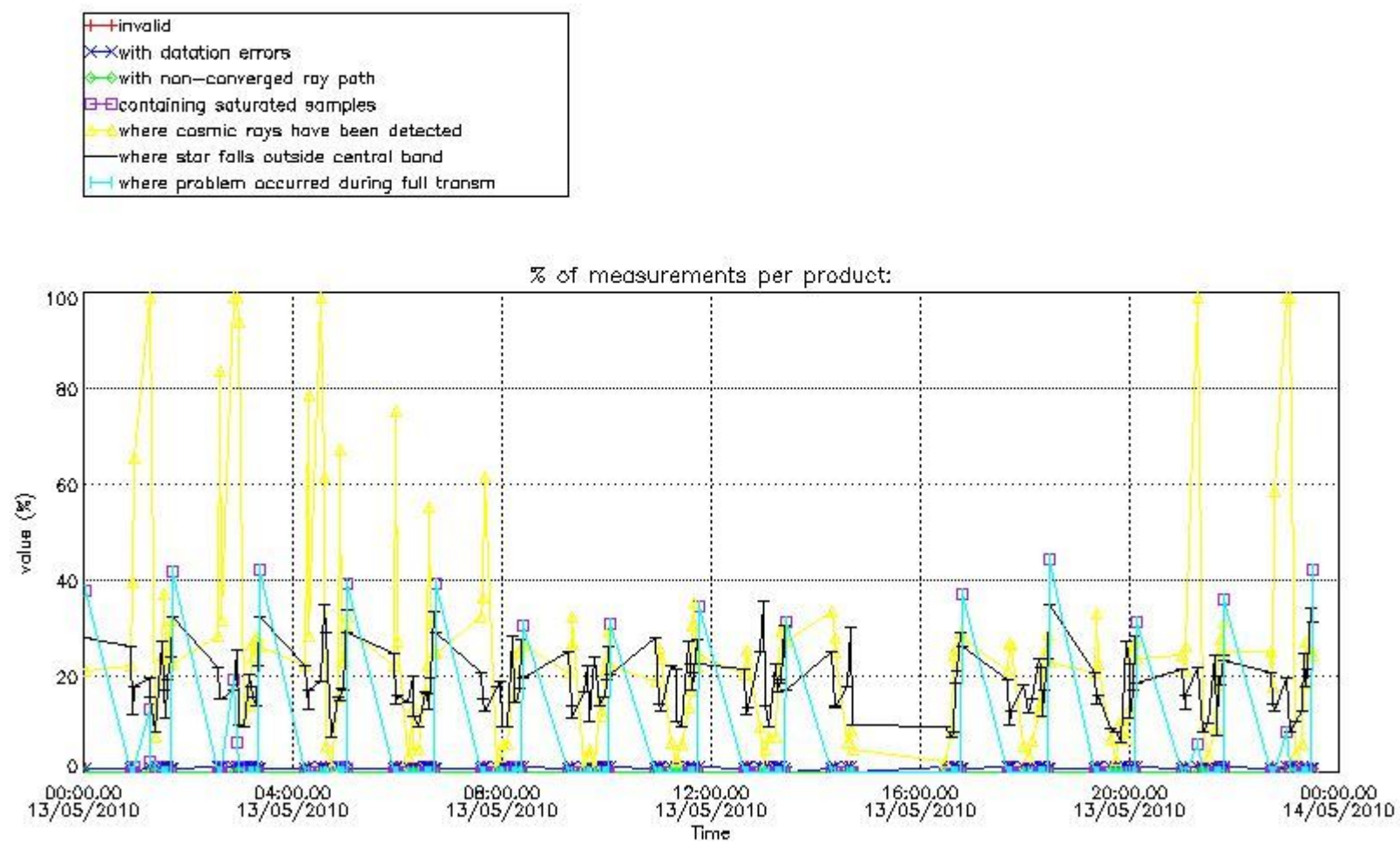
#### 4. Level 1 quality information per product

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.

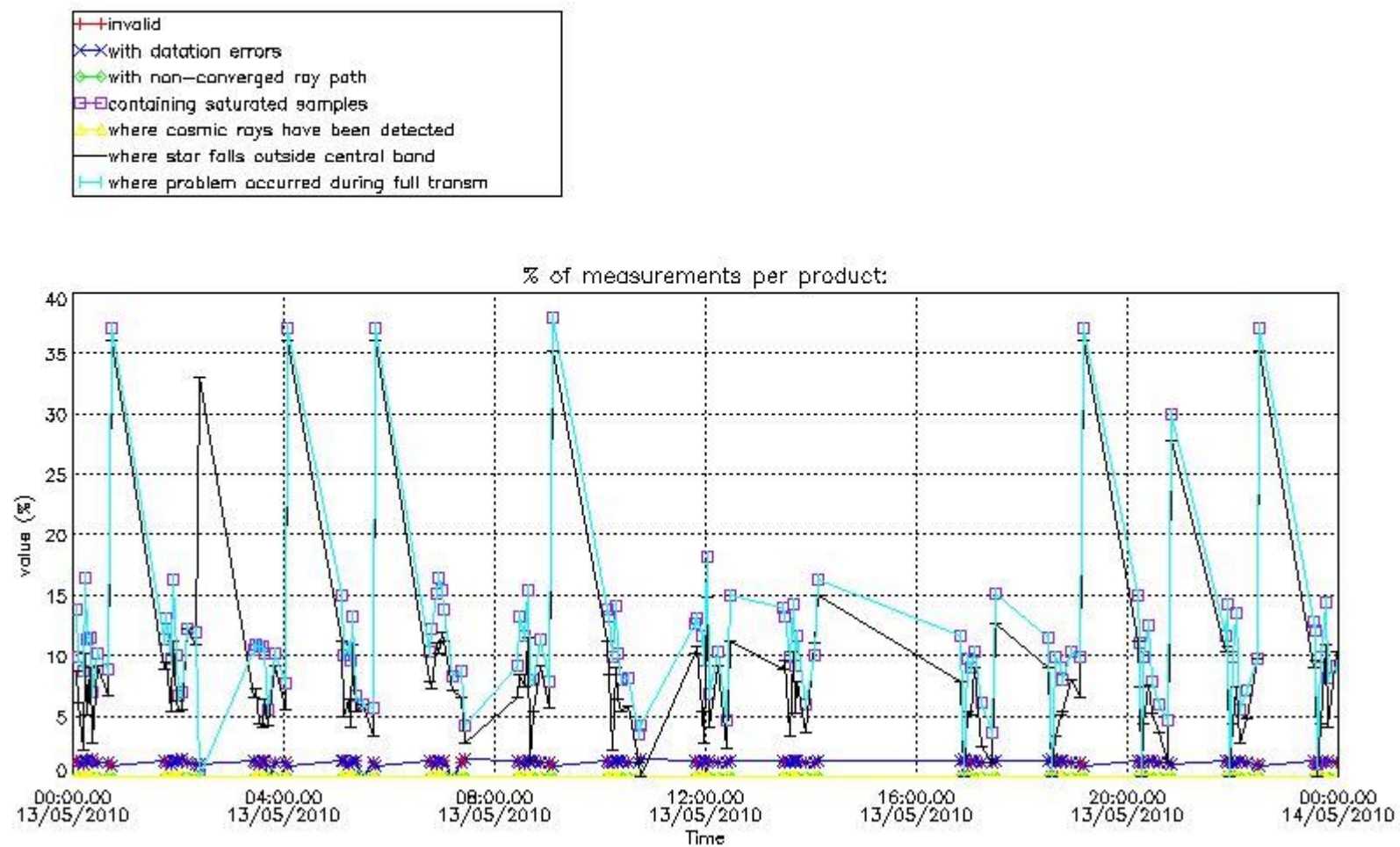
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





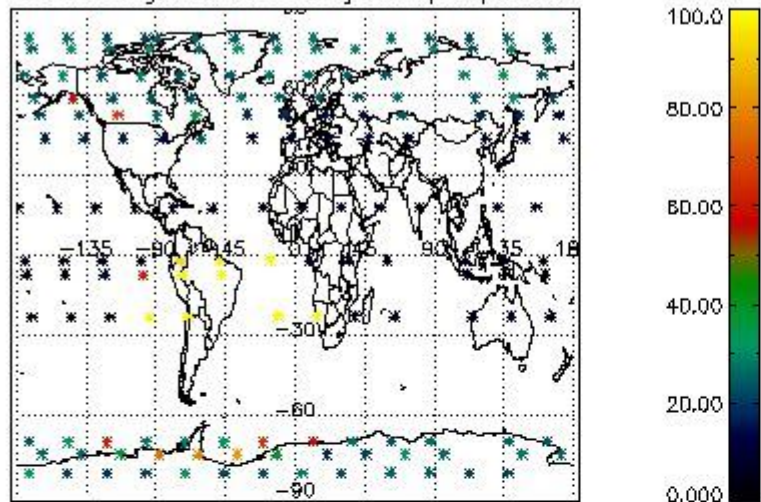
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



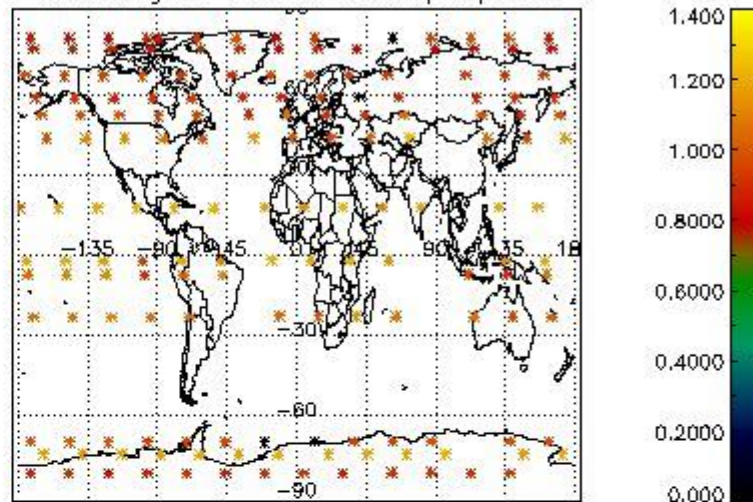
4.2 Plot quality information per product coming from level 1b processing (world map)

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

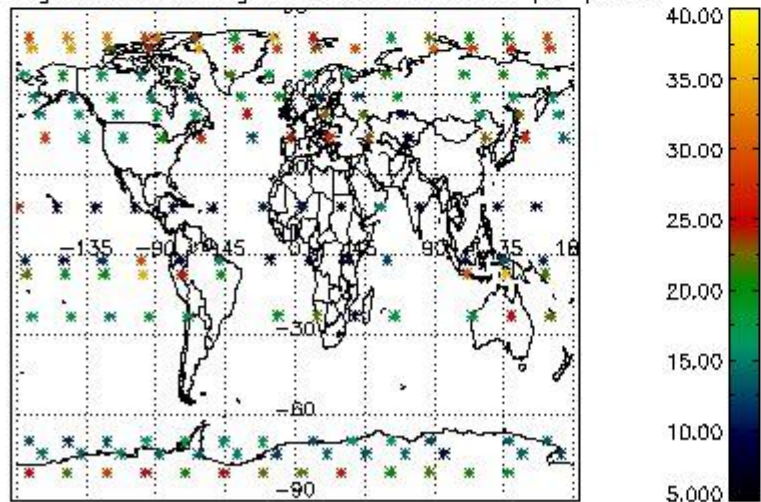
Percentage of cosmic ray hits per profile



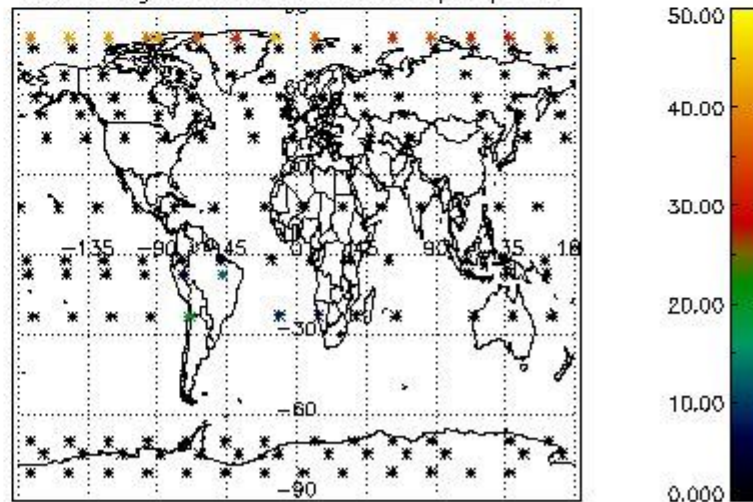
Percentage of datation errors per profile



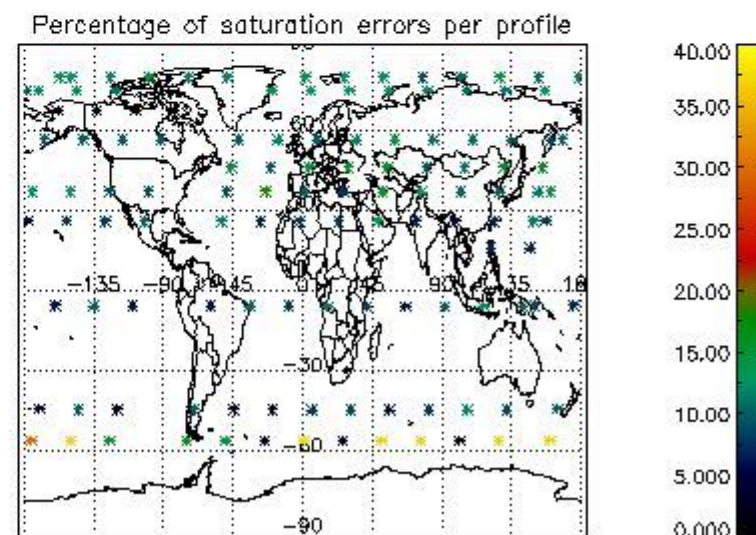
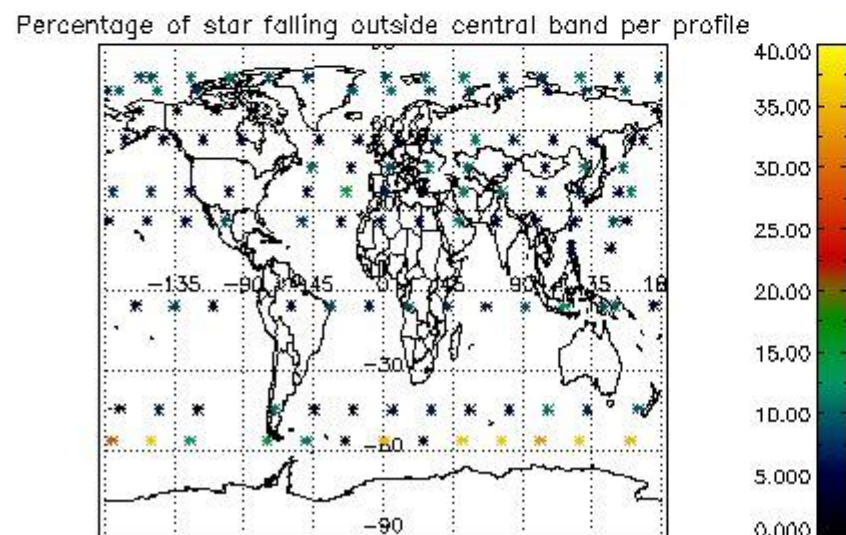
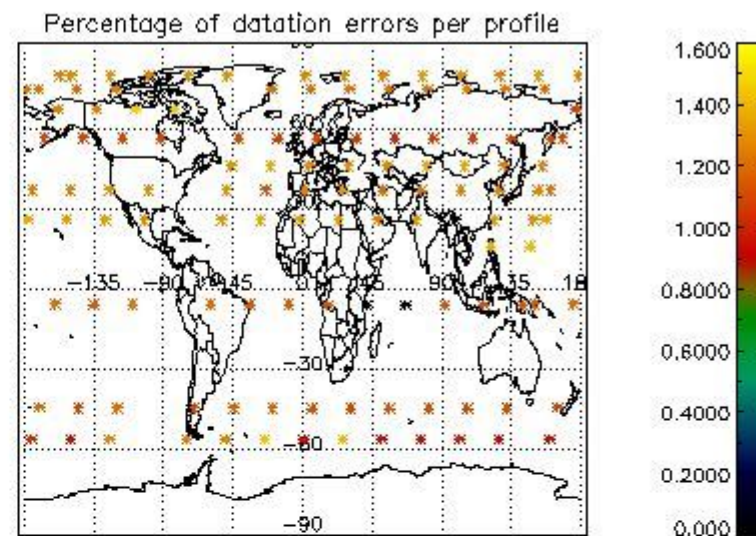
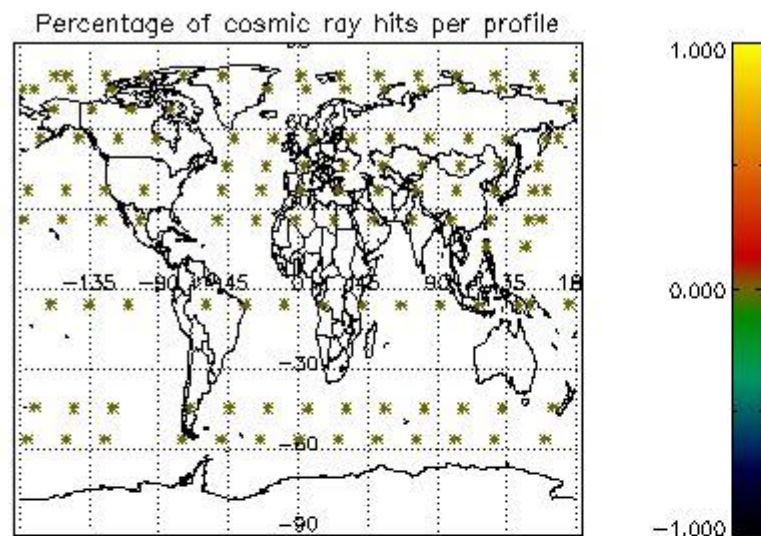
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

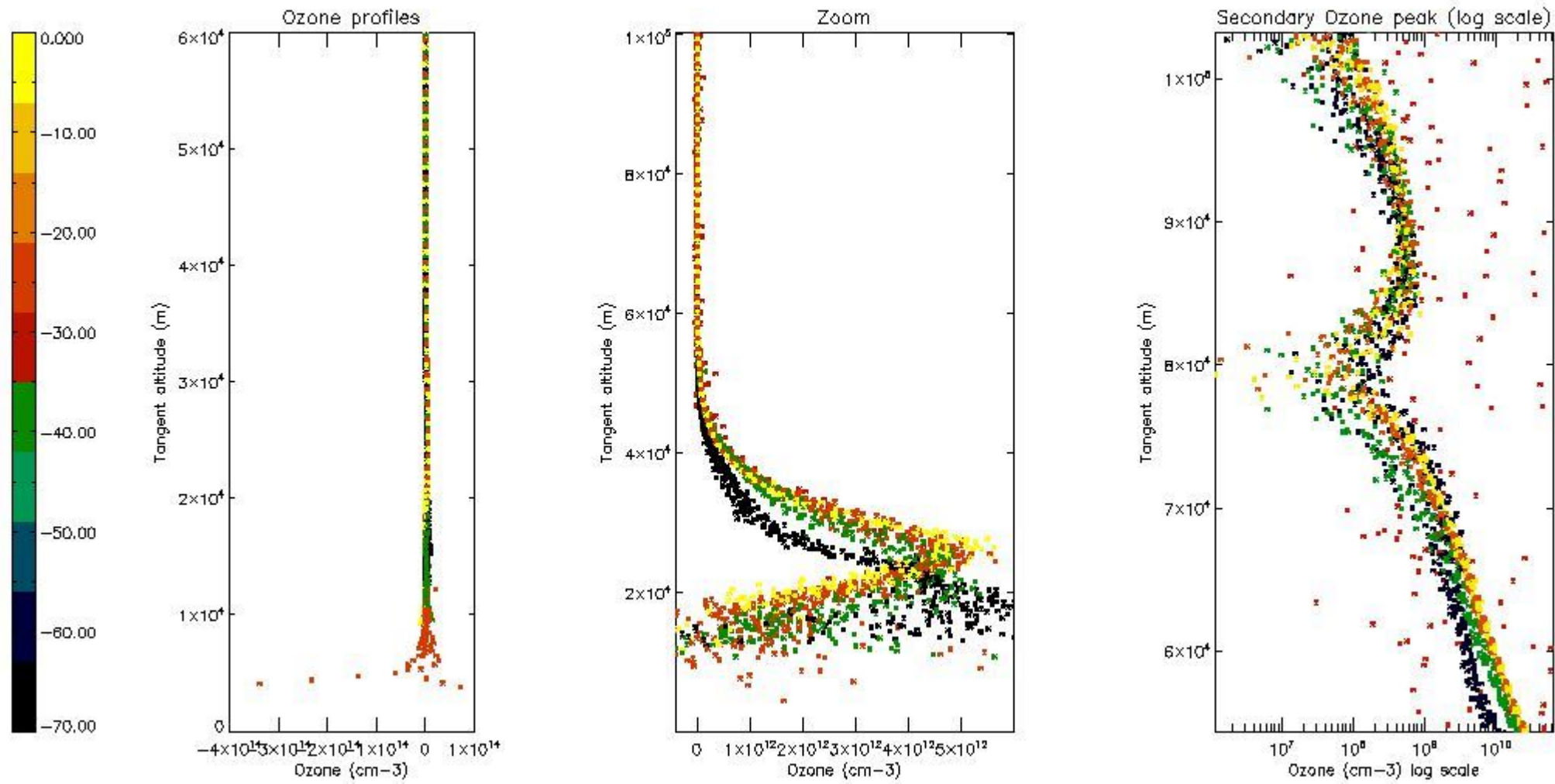
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	9
STD < 5	6

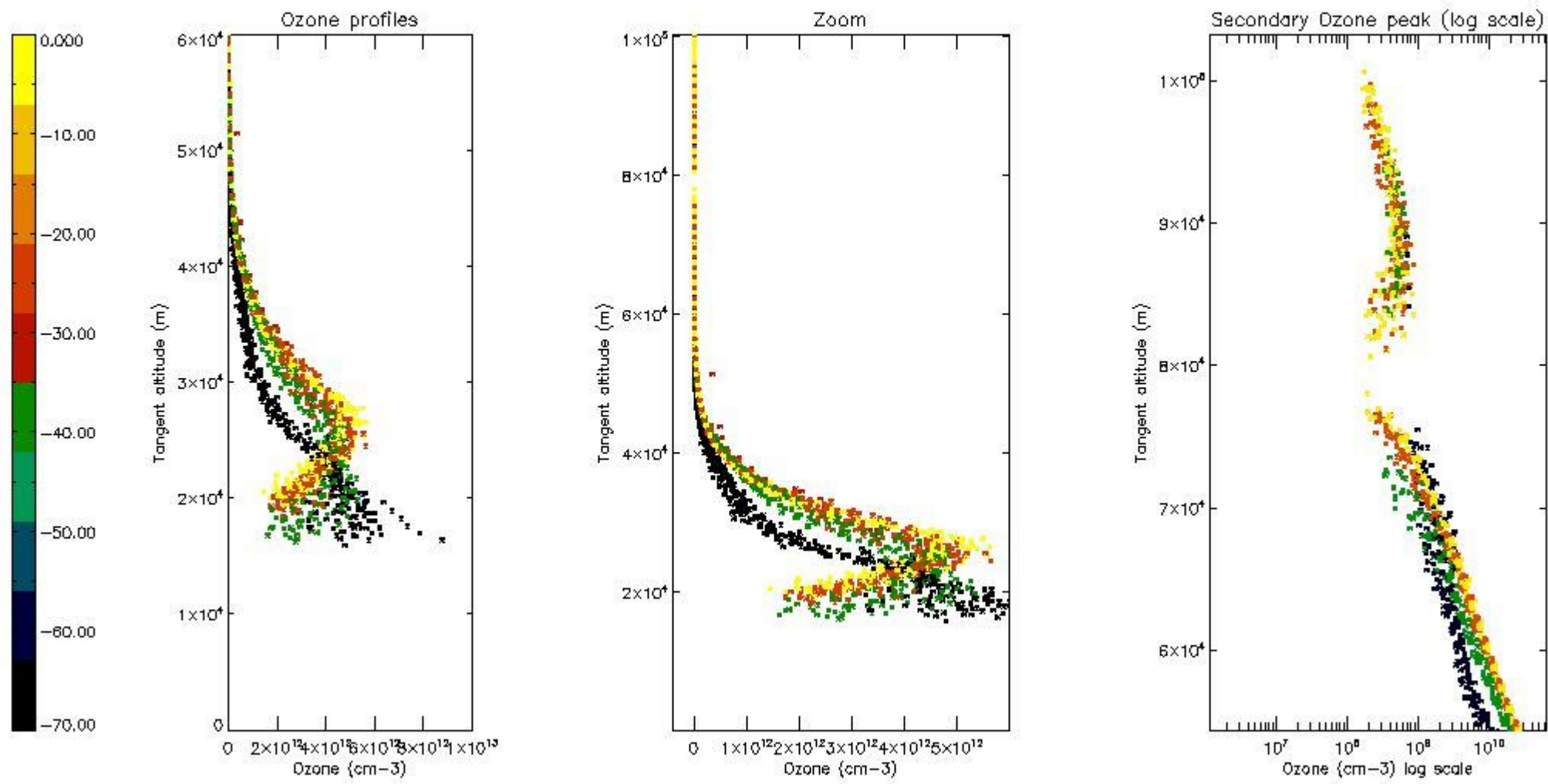
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



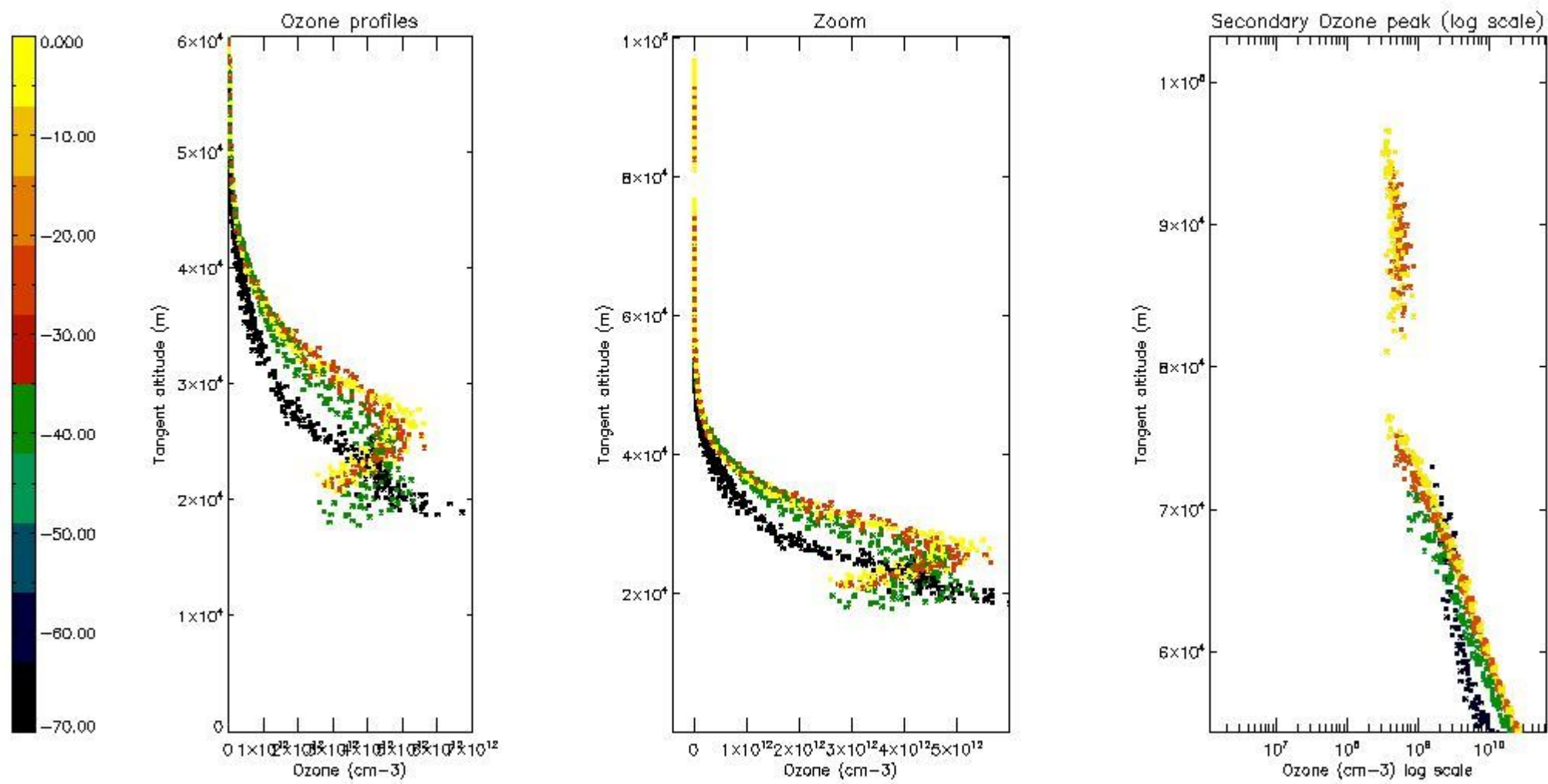
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



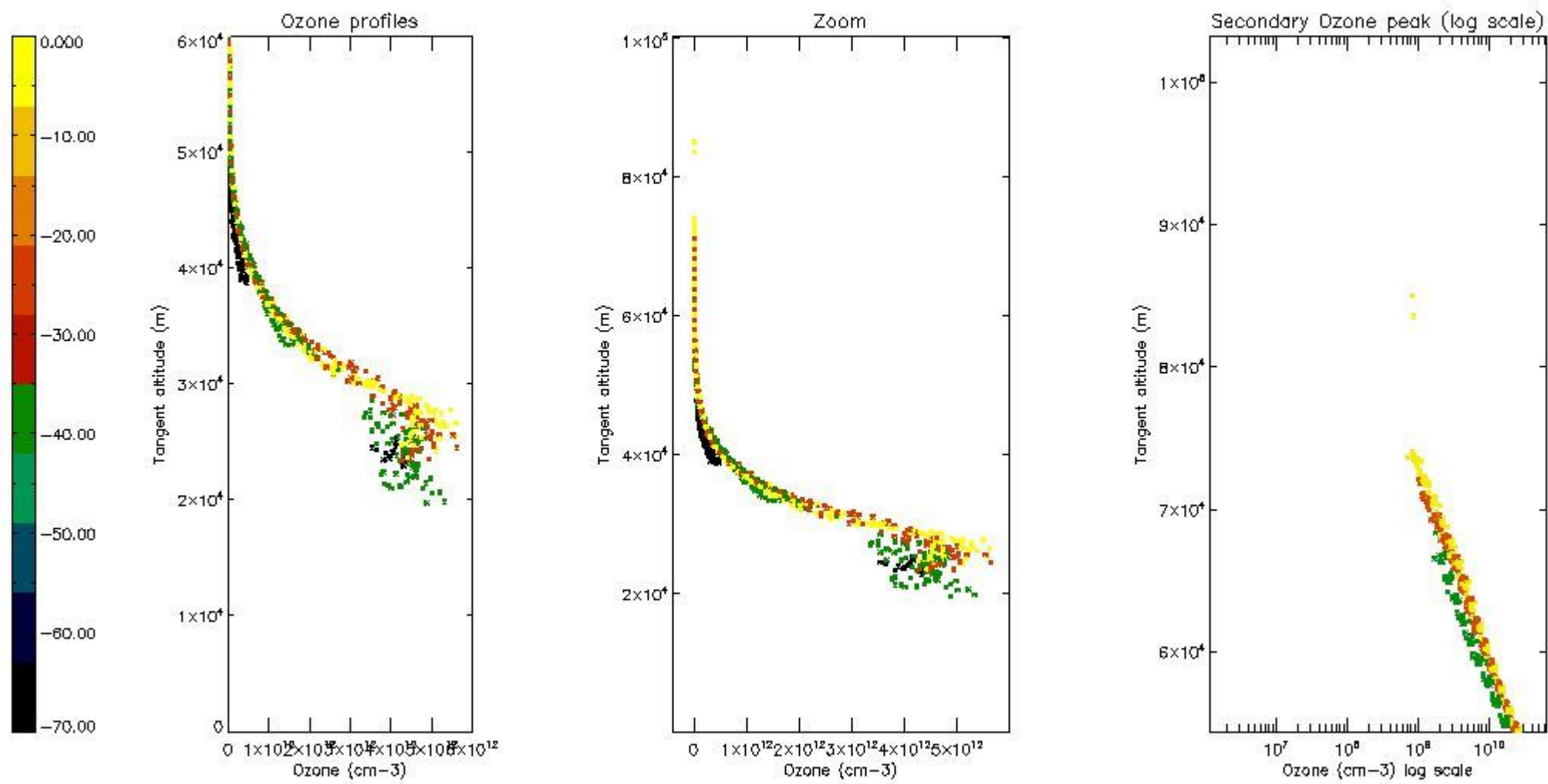
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

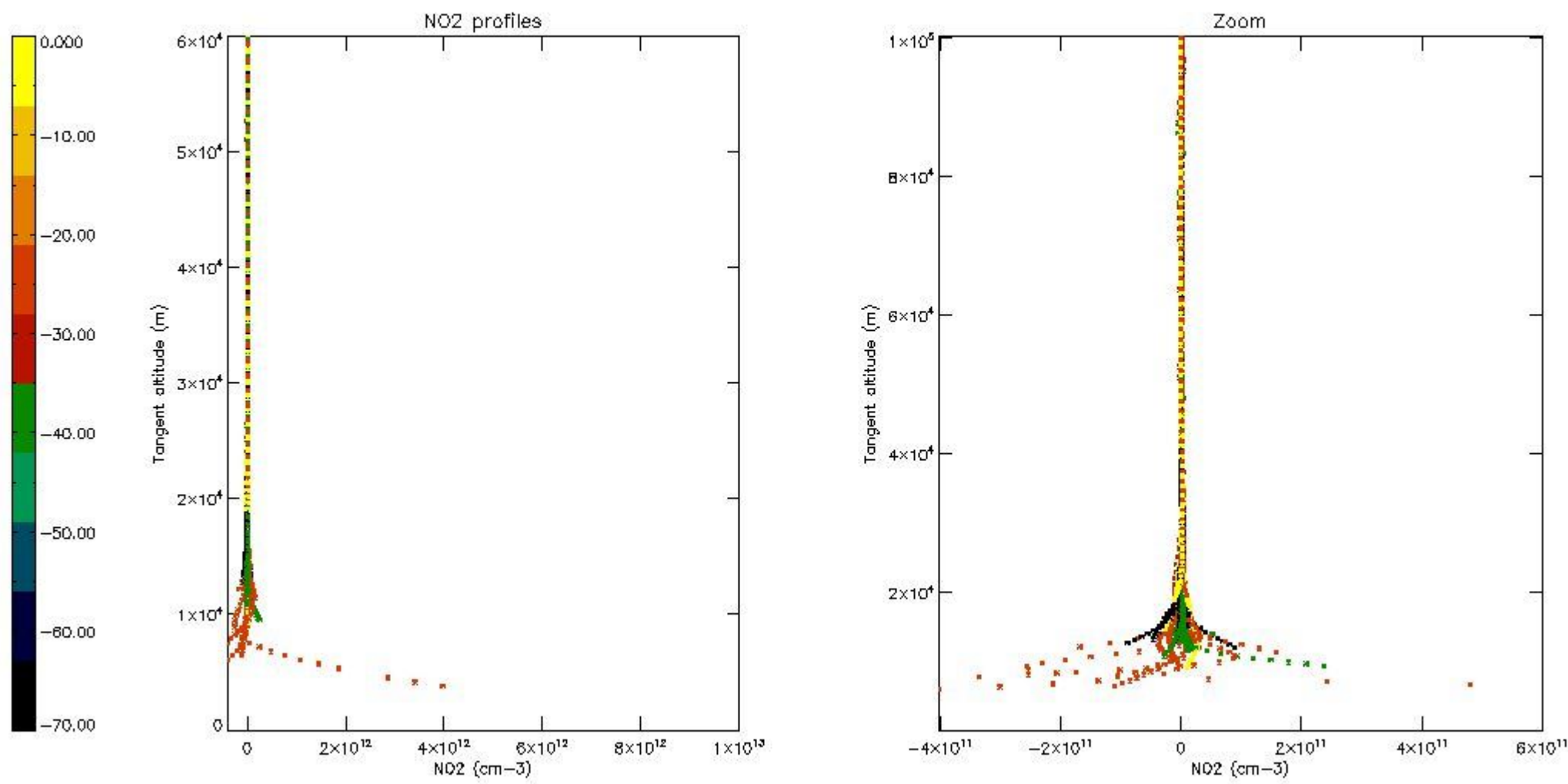
The colorbar represents the latitude.



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

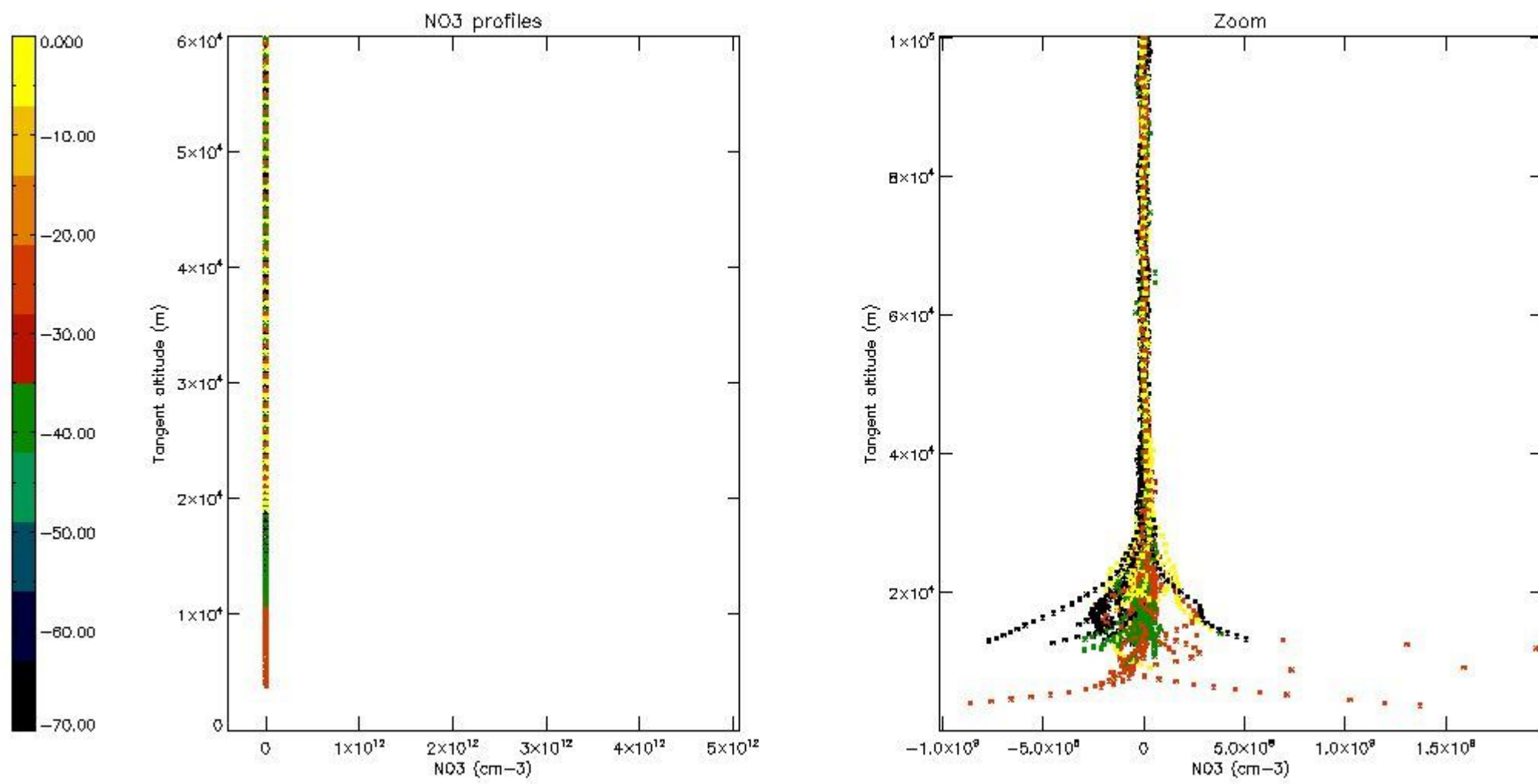
The colorbar represents the latitude.





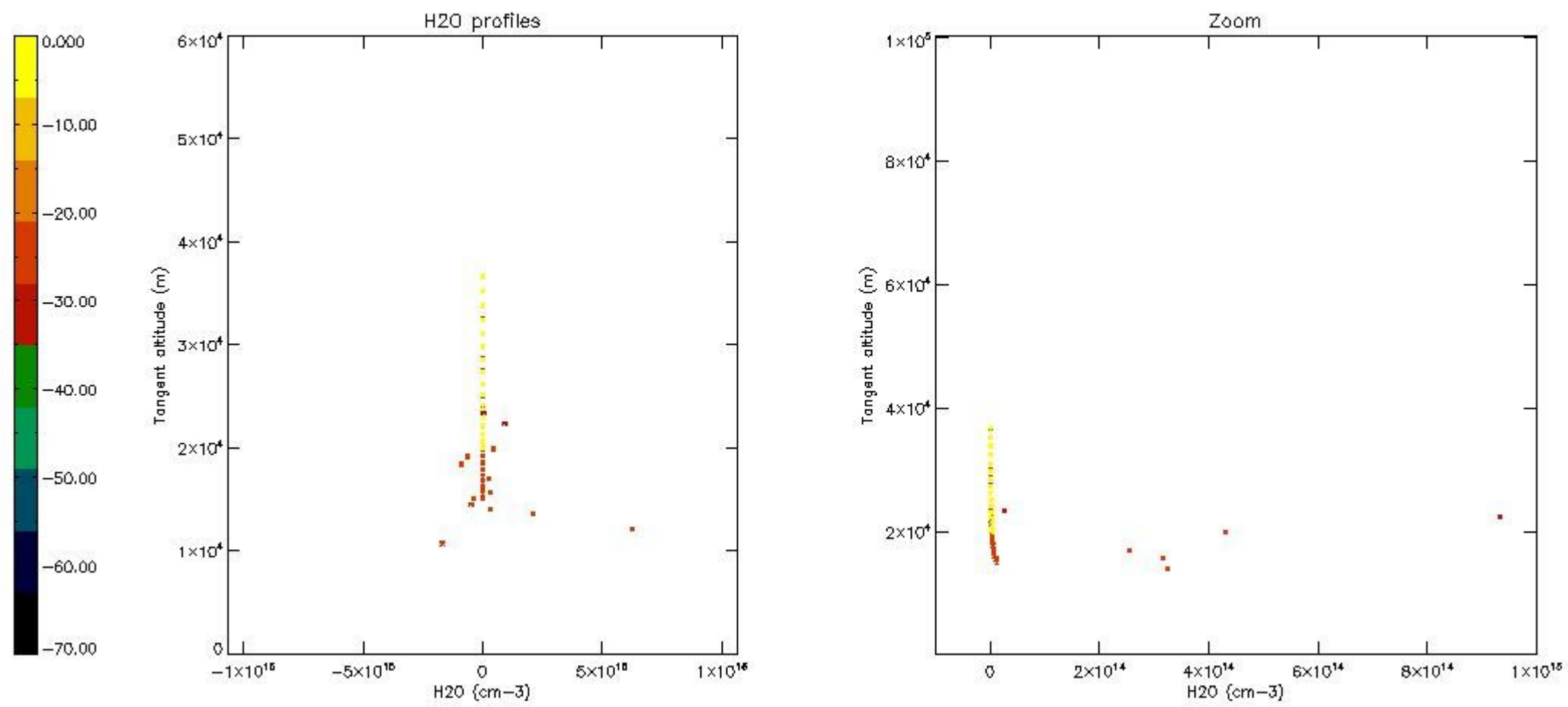
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 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	13-MAY-2010 00:01:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-MAY-2010 00:01:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-MAY-2010 00:01:08

# GOMOS Level 2 Daily Report

## SUMMARY

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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 \(dark without errors\)](#)

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 10:44:19
Data source version	GOMOS/6.01
Start time of products	13-05-2010 (13MAY2010 00:00:00)
Stop time of products	14-05-2010 (14MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	289
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__2PRFIN20100513_000108_000000572089_00231_42870_9224.N1	13-MAY-2010 00:01:08	Bright	57.000	80	7Del Sco	2.3160	30000.	114	42870	No
2	GOM_NL__2PRFIN20100513_000353_000000402089_00231_42870_9225.N1	13-MAY-2010 00:03:53	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42870	No
3	GOM_NL__2PRFIN20100513_000549_000000412089_00231_42870_9226.N1	13-MAY-2010 00:05:49	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	42870	No
4	GOM_NL__2PRFIN20100513_001125_000000462089_00231_42870_9227.N1	13-MAY-2010 00:11:25	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	42870	No
5	GOM_NL__2PRFIN20100513_001419_000000402089_00231_42870_9228.N1	13-MAY-2010 00:14:19	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	42870	No
6	GOM_NL__2PRFIN20100513_001655_000000402089_00231_42870_9229.N1	13-MAY-2010 00:16:55	Bright	39.500	83		2.3780	11000.	79	42870	No
7	GOM_NL__2PRFIN20100513_002003_000000392089_00231_42870_9230.N1	13-MAY-2010 00:20:03	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42870	No
8	GOM_NL__2PRFIN20100513_002249_000000362089_00231_42870_9231.N1	13-MAY-2010 00:22:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	42870	No
9	GOM_NL__2PRFIN20100513_002857_000000442089_00231_42870_9232.N1	13-MAY-2010 00:28:57	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42870	No
10	GOM_NL__2PRFIN20100513_003951_000000452089_00231_42870_9233.N1	13-MAY-2010 00:39:51	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42870	No
11	GOM_NL__2PRFIN20100513_004307_000000542089_00231_42870_9234.N1	13-MAY-2010 00:43:07	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42870	No
12	GOM_NL__2PRFIN20100513_005313_000000592089_00231_42870_9235.N1	13-MAY-2010 00:53:13	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	42870	No
13	GOM_NL__2PRFIN20100513_005614_000000422089_00231_42870_9236.N1	13-MAY-2010 00:56:14	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	42870	No
14	GOM_NL__2PRFIN20100513_005742_000000542089_00231_42870_9237.N1	13-MAY-2010 00:57:42	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	42870	No
15	GOM_NL__2PRFIN20100513_011536_000000462089_00231_42870_9238.N1	13-MAY-2010 01:15:36	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	42870	No
16	GOM_NL__2PRFIN20100513_011659_000000452089_00231_42870_9239.N1	13-MAY-2010 01:16:59	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42870	No
17	GOM_NL__2PRFIN20100513_012234_000000422089_00232_42871_9257.N1	13-MAY-2010 01:22:34	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42871	No
18	GOM_NL__2PRFIN20100513_012954_000000522089_00232_42871_9258.N1	13-MAY-2010 01:29:54	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42871	No
19	GOM_NL__2PRFIN20100513_013221_000000532089_00232_42871_9259.N1	13-MAY-2010 01:32:21	Straylight	52.500	40	The Sco	1.8590	7100.0	105	42871	No
20	GOM_NL__2PRFIN20100513_013413_000000532089_00232_42871_9260.N1	13-MAY-2010 01:34:13	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42871	No
21	GOM_NL__2PRFIN20100513_013642_000000542089_00232_42871_9261.N1	13-MAY-2010 01:36:42	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	42871	No
22	GOM_NL__2PRFIN20100513_013955_000000592089_00232_42871_9262.N1	13-MAY-2010 01:39:55	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	42871	No
23	GOM_NL__2PRFIN20100513_014143_000000622089_00232_42871_9263.N1	13-MAY-2010 01:41:43	Bright	62.000	80	7Del Sco	2.3160	30000.	124	42871	No
24	GOM_NL__2PRFIN20100513_014429_000000402089_00232_42871_9264.N1	13-MAY-2010 01:44:29	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	42871	No
25	GOM_NL__2PRFIN20100513_014624_000000422089_00232_42871_9265.N1	13-MAY-2010 01:46:24	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	42871	No
26	GOM_NL__2PRFIN20100513_015200_000000462089_00232_42871_9266.N1	13-MAY-2010 01:52:00	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	42871	No
27	GOM_NL__2PRFIN20100513_015455_000000402089_00232_42871_9267.N1	13-MAY-2010 01:54:55	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	42871	No
28	GOM_NL__2PRFIN20100513_015731_000000402089_00232_42871_9268.N1	13-MAY-2010 01:57:31	Bright	40.000	83		2.3780	11000.	80	42871	No
29	GOM_NL__2PRFIN20100513_020038_000000382089_00232_42871_9269.N1	13-MAY-2010 02:00:38	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42871	No
30	GOM_NL__2PRFIN20100513_020326_000000362089_00232_42871_9270.N1	13-MAY-2010 02:03:26	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	42871	No
31	GOM_NL__2PRFIN20100513_020933_000000452089_00232_42871_9271.N1	13-MAY-2010 02:09:33	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	42871	No
32	GOM_NL__2PRFIN20100513_022027_000000462089_00232_42871_9272.N1	13-MAY-2010 02:20:27	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42871	No
33	GOM_NL__2PRFIN20100513_022343_000000522089_00232_42871_9273.N1	13-MAY-2010 02:23:43	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	42871	No
34	GOM_NL__2PRFIN20100513_023349_000000552089_00232_42871_9274.N1	13-MAY-2010 02:33:49	Twilight	55.000	93	53Bet Peg	2.5200	3100.0	110	42871	No
35	GOM_NL__2PRFIN20100513_023650_000000432089_00232_42871_9275.N1	13-MAY-2010 02:36:50	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42871	No
36	GOM_NL__2PRFIN20100513_023819_000000522089_00232_42871_9276.N1	13-MAY-2010 02:38:19	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	42871	No
37	GOM_NL__2PRFIN20100513_025145_000000472089_00232_42871_9277.N1	13-MAY-2010 02:51:45	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	42871	No
38	GOM_NL__2PRFIN20100513_025612_000000492089_00232_42871_9278.N1	13-MAY-2010 02:56:12	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	42871	No
39	GOM_NL__2PRFIN20100513_025736_000000422089_00232_42871_9279.N1	13-MAY-2010 02:57:36	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42871	No
40	GOM_NL__2PRFIN20100513_030311_000000422089_00233_42872_9265.N1	13-MAY-2010 03:03:11	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42872	No
41	GOM_NL__2PRFIN20100513_031031_000000472089_00233_42872_9266.N1	13-MAY-2010 03:10:31	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	42872	No
42	GOM_NL__2PRFIN20100513_031257_000000532089_00233_42872_9267.N1	13-MAY-2010 03:12:57	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42872	No

43	GOM_NL__2PRFIN20100513_031449_000000552089_00233_42872_9268.N1	13-MAY-2010 03:14:49	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42872	No
44	GOM_NL__2PRFIN20100513_031718_000000512089_00233_42872_9269.N1	13-MAY-2010 03:17:18	Straylight	51.000	75	26Eps Sco	2.2910	4250.0	102	42872	No
45	GOM_NL__2PRFIN20100513_032031_000000562089_00233_42872_9270.N1	13-MAY-2010 03:20:31	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	42872	No
46	GOM_NL__2PRFIN20100513_032220_000000622089_00233_42872_9271.N1	13-MAY-2010 03:22:20	Bright	61.500	80	7Del Sco	2.3160	30000.	123	42872	No
47	GOM_NL__2PRFIN20100513_032505_000000382089_00233_42872_9272.N1	13-MAY-2010 03:25:05	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	42872	No
48	GOM_NL__2PRFIN20100513_032701_000000412089_00233_42872_9273.N1	13-MAY-2010 03:27:01	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	42872	No
49	GOM_NL__2PRFIN20100513_033236_000000472089_00233_42872_9274.N1	13-MAY-2010 03:32:36	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	42872	No
50	GOM_NL__2PRFIN20100513_033531_000000372089_00233_42872_9275.N1	13-MAY-2010 03:35:31	Bright	37.000	3	16Alp Boo	-0.050000	4250.0	74	42872	No
51	GOM_NL__2PRFIN20100513_033807_000000402089_00233_42872_9276.N1	13-MAY-2010 03:38:07	Bright	39.500	83		2.3780	11000.	79	42872	No
52	GOM_NL__2PRFIN20100513_034114_000000362089_00233_42872_9277.N1	13-MAY-2010 03:41:14	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	42872	No
53	GOM_NL__2PRFIN20100513_035009_000000442089_00233_42872_9278.N1	13-MAY-2010 03:50:09	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42872	No
54	GOM_NL__2PRFIN20100513_040102_000000452089_00233_42872_9279.N1	13-MAY-2010 04:01:02	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42872	No
55	GOM_NL__2PRFIN20100513_040419_000000542089_00233_42872_9280.N1	13-MAY-2010 04:04:19	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42872	No
56	GOM_NL__2PRFIN20100513_041424_000000562089_00233_42872_9281.N1	13-MAY-2010 04:14:24	Twilight	56.000	93	53Bet Peg	2.5200	3100.0	112	42872	No
57	GOM_NL__2PRFIN20100513_041727_000000422089_00233_42872_9282.N1	13-MAY-2010 04:17:27	Twilight	42.000	140	88Gam Peg	2.8340	26000.	84	42872	No
58	GOM_NL__2PRFIN20100513_041855_000000532089_00233_42872_9283.N1	13-MAY-2010 04:18:55	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	42872	No
59	GOM_NL__2PRFIN20100513_043221_000000482089_00233_42872_9284.N1	13-MAY-2010 04:32:21	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	42872	No
60	GOM_NL__2PRFIN20100513_043649_000000562089_00233_42872_9285.N1	13-MAY-2010 04:36:49	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	42872	No
61	GOM_NL__2PRFIN20100513_043812_000000542089_00233_42872_9286.N1	13-MAY-2010 04:38:12	Dark	53.500	31	Alp Gru	1.7340	15200.	107	42872	No
62	GOM_NL__2PRFIN20100513_044348_000000412089_00234_42873_9273.N1	13-MAY-2010 04:43:48	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42873	No
63	GOM_NL__2PRFIN20100513_045107_000000452089_00234_42873_9274.N1	13-MAY-2010 04:51:07	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	42873	No
64	GOM_NL__2PRFIN20100513_045334_000000512089_00234_42873_9275.N1	13-MAY-2010 04:53:34	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42873	No
65	GOM_NL__2PRFIN20100513_045526_000000572089_00234_42873_9276.N1	13-MAY-2010 04:55:26	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42873	No
66	GOM_NL__2PRFIN20100513_045755_000000532089_00234_42873_9277.N1	13-MAY-2010 04:57:55	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	42873	No
67	GOM_NL__2PRFIN20100513_050108_000000672089_00234_42873_9278.N1	13-MAY-2010 05:01:08	Twilight	66.500	16	21Alp Sco	1.0200	3000.0	133	42873	No
68	GOM_NL__2PRFIN20100513_050256_000000592089_00234_42873_9279.N1	13-MAY-2010 05:02:56	Bright	58.500	80	7Del Sco	2.3160	30000.	117	42873	No
69	GOM_NL__2PRFIN20100513_050541_000000402089_00234_42873_9280.N1	13-MAY-2010 05:05:41	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42873	No
70	GOM_NL__2PRFIN20100513_050737_000000402089_00234_42873_9281.N1	13-MAY-2010 05:07:37	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42873	No
71	GOM_NL__2PRFIN20100513_051311_000000472089_00234_42873_9282.N1	13-MAY-2010 05:13:11	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	42873	No
72	GOM_NL__2PRFIN20100513_051607_000000372089_00234_42873_9283.N1	13-MAY-2010 05:16:07	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	42873	No
73	GOM_NL__2PRFIN20100513_051843_000000422089_00234_42873_9284.N1	13-MAY-2010 05:18:43	Bright	41.500	83		2.3780	11000.	83	42873	No
74	GOM_NL__2PRFIN20100513_052150_000000382089_00234_42873_9285.N1	13-MAY-2010 05:21:50	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42873	No
75	GOM_NL__2PRFIN20100513_053044_000000422089_00234_42873_9286.N1	13-MAY-2010 05:30:44	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42873	No
76	GOM_NL__2PRFIN20100513_054138_000000442089_00234_42873_9287.N1	13-MAY-2010 05:41:38	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42873	No
77	GOM_NL__2PRFIN20100513_054455_000000542089_00234_42873_9288.N1	13-MAY-2010 05:44:55	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42873	No
78	GOM_NL__2PRFIN20100513_055501_000000592089_00234_42873_9289.N1	13-MAY-2010 05:55:01	Twilight	58.500	93	53Bet Peg	2.5200	3100.0	117	42873	No
79	GOM_NL__2PRFIN20100513_055803_000000432089_00234_42873_9290.N1	13-MAY-2010 05:58:03	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42873	No
80	GOM_NL__2PRFIN20100513_055931_000000532089_00234_42873_9291.N1	13-MAY-2010 05:59:31	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	42873	No
81	GOM_NL__2PRFIN20100513_061258_000000452089_00234_42873_9292.N1	13-MAY-2010 06:12:58	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	42873	No
82	GOM_NL__2PRFIN20100513_061726_000000452089_00234_42873_9293.N1	13-MAY-2010 06:17:26	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	42873	No
83	GOM_NL__2PRFIN20100513_061849_000000432089_00234_42873_9294.N1	13-MAY-2010 06:18:49	Dark	43.000	31	Alp Gru	1.7340	15200.	86	42873	No
84	GOM_NL__2PRFIN20100513_062424_000000422089_00235_42874_9281.N1	13-MAY-2010 06:24:24	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42874	No
85	GOM_NL__2PRFIN20100513_063144_000000452089_00235_42874_9282.N1	13-MAY-2010 06:31:44	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	42874	No
86	GOM_NL__2PRFIN20100513_063411_000000522089_00235_42874_9283.N1	13-MAY-2010 06:34:11	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42874	No
87	GOM_NL__2PRFIN20100513_063603_000000542089_00235_42874_9284.N1	13-MAY-2010 06:36:03	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42874	No
88	GOM_NL__2PRFIN20100513_063831_000000542089_00235_42874_9285.N1	13-MAY-2010 06:38:31	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	42874	No
89	GOM_NL__2PRFIN20100513_064144_000000662089_00235_42874_9286.N1	13-MAY-2010 06:41:44	Twilight	65.500	16	21Alp Sco	1.0200	3000.0	131	42874	No
90	GOM_NL__2PRFIN20100513_064332_000000592089_00235_42874_9287.N1	13-MAY-2010 06:43:32	Bright	58.500	80	7Del Sco	2.3160	30000.	117	42874	No
91	GOM_NL__2PRFIN20100513_064617_000000392089_00235_42874_9288.N1	13-MAY-2010 06:46:17	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	42874	No
92	GOM_NL__2PRFIN20100513_064813_000000412089_00235_42874_9289.N1	13-MAY-2010 06:48:13	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	42874	No
93	GOM_NL__2PRFIN20100513_065347_000000502089_00235_42874_9290.N1	13-MAY-2010 06:53:47	Bright	49.500	102	24Alp Ser	2.6000	4250.0	99	42874	No
94	GOM_NL__2PRFIN20100513_065643_000000402089_00235_42874_9291.N1	13-MAY-2010 06:56:43	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	42874	No
95	GOM_NL__2PRFIN20100513_065918_000000422089_00235_42874_9292.N1	13-MAY-2010 06:59:18	Bright	42.000	83		2.3780	11000.	84	42874	No
96	GOM_NL__2PRFIN20100513_070226_000000402089_00235_42874_9293.N1	13-MAY-2010 07:02:26	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	42874	No
97	GOM_NL__2PRFIN20100513_071119_000000432089_00235_42874_9294.N1	13-MAY-2010 07:11:19	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42874	No
98	GOM_NL__2PRFIN20100513_072213_000000462089_00235_42874_9295.N1	13-MAY-2010 07:22:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42874	No
99	GOM_NL__2PRFIN20100513_072531_000000362089_00235_42874_9296.N1	13-MAY-2010 07:25:31	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	42874	No
100	GOM_NL__2PRFIN20100513_073537_000000562089_00235_42874_9297.N1	13-MAY-2010 07:35:37	Twilight	55.500	93	53Bet Peg	2.5200	3100.0	111	42874	No
101	GOM_NL__2PRFIN20100513_073839_000000432089_00235_42874_9298.N1	13-MAY-2010 07:38:39	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42874	No

102	GOM_NL__2PRFIN20100513_074008_000000512089_00235_42874_9299.N1	13-MAY-2010 07:40:08	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	42874	No
103	GOM_NL__2PRFIN20100513_075335_000000482089_00235_42874_9300.N1	13-MAY-2010 07:53:35	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42874	No
104	GOM_NL__2PRFIN20100513_075802_000000452089_00235_42874_9301.N1	13-MAY-2010 07:58:02	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	42874	No
105	GOM_NL__2PRFIN20100513_075926_000000422089_00235_42874_9302.N1	13-MAY-2010 07:59:26	Dark	42.000	31	Alp Gru	1.7340	15200.	84	42874	No
106	GOM_NL__2PRFIN20100513_080501_000000422089_00236_42875_9289.N1	13-MAY-2010 08:05:01	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42875	No
107	GOM_NL__2PRFIN20100513_081220_000000512089_00236_42875_9290.N1	13-MAY-2010 08:12:20	Straylight	51.000	141	Bet Ara	2.8400	4600.0	102	42875	No
108	GOM_NL__2PRFIN20100513_081447_000000512089_00236_42875_9291.N1	13-MAY-2010 08:14:47	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42875	No
109	GOM_NL__2PRFIN20100513_081639_000000552089_00236_42875_9292.N1	13-MAY-2010 08:16:39	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42875	No
110	GOM_NL__2PRFIN20100513_081908_000000522089_00236_42875_9293.N1	13-MAY-2010 08:19:08	Straylight	52.000	75	26Eps Sco	2.2910	4250.0	104	42875	No
111	GOM_NL__2PRFIN20100513_082220_000000622089_00236_42875_9294.N1	13-MAY-2010 08:22:20	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	42875	No
112	GOM_NL__2PRFIN20100513_082408_000000512089_00236_42875_9295.N1	13-MAY-2010 08:24:08	Bright	51.000	80	7Del Sco	2.3160	30000.	102	42875	No
113	GOM_NL__2PRFIN20100513_082653_000000382089_00236_42875_9296.N1	13-MAY-2010 08:26:53	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	42875	No
114	GOM_NL__2PRFIN20100513_082849_000000422089_00236_42875_9297.N1	13-MAY-2010 08:28:49	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42875	No
115	GOM_NL__2PRFIN20100513_083423_000000472089_00236_42875_9298.N1	13-MAY-2010 08:34:23	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	42875	No
116	GOM_NL__2PRFIN20100513_083719_000000392089_00236_42875_9299.N1	13-MAY-2010 08:37:19	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42875	No
117	GOM_NL__2PRFIN20100513_083954_000000382089_00236_42875_9300.N1	13-MAY-2010 08:39:54	Bright	37.500	83		2.3780	11000.	75	42875	No
118	GOM_NL__2PRFIN20100513_084301_000000382089_00236_42875_9301.N1	13-MAY-2010 08:43:01	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42875	No
119	GOM_NL__2PRFIN20100513_085155_000000442089_00236_42875_9302.N1	13-MAY-2010 08:51:55	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42875	No
120	GOM_NL__2PRFIN20100513_090249_000000452089_00236_42875_9303.N1	13-MAY-2010 09:02:49	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	42875	No
121	GOM_NL__2PRFIN20100513_090607_000000542089_00236_42875_9304.N1	13-MAY-2010 09:06:07	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	42875	No
122	GOM_NL__2PRFIN20100513_091613_000000582089_00236_42875_9305.N1	13-MAY-2010 09:16:13	Twilight	58.000	93	53Bet Peg	2.5200	3100.0	116	42875	No
123	GOM_NL__2PRFIN20100513_091915_000000432089_00236_42875_9306.N1	13-MAY-2010 09:19:15	Twilight	43.000	140	88Gam Peg	2.8340	26000.	86	42875	No
124	GOM_NL__2PRFIN20100513_092044_000000502089_00236_42875_9307.N1	13-MAY-2010 09:20:44	Dark	49.500	90	54Alp Peg	2.4870	11000.	99	42875	No
125	GOM_NL__2PRFIN20100513_093411_000000482089_00236_42875_9308.N1	13-MAY-2010 09:34:11	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42875	No
126	GOM_NL__2PRFIN20100513_093838_000000482089_00236_42875_9309.N1	13-MAY-2010 09:38:38	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	42875	No
127	GOM_NL__2PRFIN20100513_094002_000000432089_00236_42875_9310.N1	13-MAY-2010 09:40:02	Dark	42.500	31	Alp Gru	1.7340	15200.	85	42875	No
128	GOM_NL__2PRFIN20100513_094538_000000502089_00237_42876_9297.N1	13-MAY-2010 09:45:38	Dark	50.000	45	Alp Pav	1.9400	26000.	100	42876	No
129	GOM_NL__2PRFIN20100513_095256_000000442089_00237_42876_9298.N1	13-MAY-2010 09:52:56	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42876	No
130	GOM_NL__2PRFIN20100513_095524_000000512089_00237_42876_9299.N1	13-MAY-2010 09:55:24	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42876	No
131	GOM_NL__2PRFIN20100513_095716_000000552089_00237_42876_9300.N1	13-MAY-2010 09:57:16	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42876	No
132	GOM_NL__2PRFIN20100513_095944_000000542089_00237_42876_9301.N1	13-MAY-2010 09:59:44	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	42876	No
133	GOM_NL__2PRFIN20100513_100256_000000612089_00237_42876_9302.N1	13-MAY-2010 10:02:56	Twilight	61.000	16	21Alp Sco	1.0200	3000.0	122	42876	No
134	GOM_NL__2PRFIN20100513_100444_000000522089_00237_42876_9303.N1	13-MAY-2010 10:04:44	Bright	51.500	80	7Del Sco	2.3160	30000.	103	42876	No
135	GOM_NL__2PRFIN20100513_100729_000000402089_00237_42876_9304.N1	13-MAY-2010 10:07:29	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	42876	No
136	GOM_NL__2PRFIN20100513_100925_000000422089_00237_42876_9305.N1	13-MAY-2010 10:09:25	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42876	No
137	GOM_NL__2PRFIN20100513_101459_000000462089_00237_42876_9306.N1	13-MAY-2010 10:14:59	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42876	No
138	GOM_NL__2PRFIN20100513_101754_000000392089_00237_42876_9307.N1	13-MAY-2010 10:17:54	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42876	No
139	GOM_NL__2PRFIN20100513_102030_000000402089_00237_42876_9308.N1	13-MAY-2010 10:20:30	Bright	39.500	83		2.3780	11000.	79	42876	No
140	GOM_NL__2PRFIN20100513_102337_000000382089_00237_42876_9309.N1	13-MAY-2010 10:23:37	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42876	No
141	GOM_NL__2PRFIN20100513_103230_000000432089_00237_42876_9310.N1	13-MAY-2010 10:32:30	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42876	No
142	GOM_NL__2PRFIN20100513_104325_000000432089_00237_42876_9311.N1	13-MAY-2010 10:43:25	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42876	No
143	GOM_NL__2PRFIN20100513_104643_000000352089_00237_42876_9312.N1	13-MAY-2010 10:46:43	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	42876	No
144	GOM_NL__2PRFIN20100513_105649_000000612089_00237_42876_9313.N1	13-MAY-2010 10:56:49	Twilight	60.500	93	53Bet Peg	2.5200	3100.0	121	42876	No
145	GOM_NL__2PRFIN20100513_105951_000000432089_00237_42876_9314.N1	13-MAY-2010 10:59:51	Twilight	42.500	140	88Gam Peg	2.8340	26000.	85	42876	No
146	GOM_NL__2PRFIN20100513_110121_000000512089_00237_42876_9315.N1	13-MAY-2010 11:01:21	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	42876	No
147	GOM_NL__2PRFIN20100513_111448_000000502089_00237_42876_9316.N1	13-MAY-2010 11:14:48	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	42876	No
148	GOM_NL__2PRFIN20100513_111915_000000472089_00237_42876_9317.N1	13-MAY-2010 11:19:15	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	42876	No
149	GOM_NL__2PRFIN20100513_112039_000000422089_00237_42876_9318.N1	13-MAY-2010 11:20:39	Dark	42.000	31	Alp Gru	1.7340	15200.	84	42876	No
150	GOM_NL__2PRFIN20100513_112614_000000422089_00238_42877_9305.N1	13-MAY-2010 11:26:14	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42877	No
151	GOM_NL__2PRFIN20100513_113333_000000522089_00238_42877_9306.N1	13-MAY-2010 11:33:33	Straylight	51.500	141	Bet Ara	2.8400	4600.0	103	42877	No
152	GOM_NL__2PRFIN20100513_113601_000000562089_00238_42877_9307.N1	13-MAY-2010 11:36:01	Straylight	55.500	40	The Sco	1.8590	7100.0	111	42877	No
153	GOM_NL__2PRFIN20100513_113752_000000562089_00238_42877_9308.N1	13-MAY-2010 11:37:52	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42877	No
154	GOM_NL__2PRFIN20100513_114020_000000562089_00238_42877_9309.N1	13-MAY-2010 11:40:20	Straylight	55.500	75	26Eps Sco	2.2910	4250.0	111	42877	No
155	GOM_NL__2PRFIN20100513_114332_000000622089_00238_42877_9310.N1	13-MAY-2010 11:43:32	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	42877	No
156	GOM_NL__2PRFIN20100513_114520_000000542089_00238_42877_9311.N1	13-MAY-2010 11:45:20	Bright	53.500	80	7Del Sco	2.3160	30000.	107	42877	No
157	GOM_NL__2PRFIN20100513_114805_000000402089_00238_42877_9312.N1	13-MAY-2010 11:48:05	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	42877	No
158	GOM_NL__2PRFIN20100513_115000_000000422089_00238_42877_9313.N1	13-MAY-2010 11:50:00	Bright	42.000	104	27Bet Lib	2.6140	13100.	84	42877	No
159	GOM_NL__2PRFIN20100513_115534_000000472089_00238_42877_9314.N1	13-MAY-2010 11:55:34	Bright	47.000	102	24Alp Ser	2.6000	4250.0	94	42877	No
160	GOM_NL__2PRFIN20100513_115830_000000372089_00238_42877_9315.N1	13-MAY-2010 11:58:30	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	42877	No

161	GOM_NL__2PRFIN20100513_120105_000000442089_00238_42877_9316.N1	13-MAY-2010 12:01:05	Bright	44.000	83		2.3780	11000.	88	42877	No
162	GOM_NL__2PRFIN20100513_120413_000000372089_00238_42877_9317.N1	13-MAY-2010 12:04:13	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42877	No
163	GOM_NL__2PRFIN20100513_121306_000000442089_00238_42877_9318.N1	13-MAY-2010 12:13:06	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42877	No
164	GOM_NL__2PRFIN20100513_122400_000000432089_00238_42877_9319.N1	13-MAY-2010 12:24:00	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42877	No
165	GOM_NL__2PRFIN20100513_122718_000000402089_00238_42877_9320.N1	13-MAY-2010 12:27:18	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	42877	No
166	GOM_NL__2PRFIN20100513_123725_000000562089_00238_42877_9321.N1	13-MAY-2010 12:37:25	Twilight	56.000	93	53Bet Peg	2.5200	3100.0	112	42877	No
167	GOM_NL__2PRFIN20100513_124027_000000422089_00238_42877_9322.N1	13-MAY-2010 12:40:27	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	42877	No
168	GOM_NL__2PRFIN20100513_124157_000000522089_00238_42877_9323.N1	13-MAY-2010 12:41:57	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	42877	No
169	GOM_NL__2PRFIN20100513_125525_000000522089_00238_42877_9324.N1	13-MAY-2010 12:55:25	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	42877	No
170	GOM_NL__2PRFIN20100513_125952_000000562089_00238_42877_9325.N1	13-MAY-2010 12:59:52	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	42877	No
171	GOM_NL__2PRFIN20100513_130116_000000442089_00238_42877_9326.N1	13-MAY-2010 13:01:16	Dark	44.000	31	Alp Gru	1.7340	15200.	88	42877	No
172	GOM_NL__2PRFIN20100513_130651_000000422089_00239_42878_9379.N1	13-MAY-2010 13:06:51	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42878	No
173	GOM_NL__2PRFIN20100513_131409_000000492089_00239_42878_9380.N1	13-MAY-2010 13:14:09	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	42878	No
174	GOM_NL__2PRFIN20100513_131637_000000512089_00239_42878_9381.N1	13-MAY-2010 13:16:37	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42878	No
175	GOM_NL__2PRFIN20100513_131829_000000572089_00239_42878_9382.N1	13-MAY-2010 13:18:29	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42878	No
176	GOM_NL__2PRFIN20100513_132057_000000542089_00239_42878_9383.N1	13-MAY-2010 13:20:57	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	42878	No
177	GOM_NL__2PRFIN20100513_132409_000000642089_00239_42878_9384.N1	13-MAY-2010 13:24:09	Twilight	63.500	16	21Alp Sco	1.0200	3000.0	127	42878	No
178	GOM_NL__2PRFIN20100513_132557_000000502089_00239_42878_9385.N1	13-MAY-2010 13:25:57	Bright	49.500	80	7Del Sco	2.3160	30000.	99	42878	No
179	GOM_NL__2PRFIN20100513_132842_000000402089_00239_42878_9386.N1	13-MAY-2010 13:28:42	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	42878	No
180	GOM_NL__2PRFIN20100513_133036_000000422089_00239_42878_9387.N1	13-MAY-2010 13:30:36	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42878	No
181	GOM_NL__2PRFIN20100513_133610_000000462089_00239_42878_9388.N1	13-MAY-2010 13:36:10	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42878	No
182	GOM_NL__2PRFIN20100513_133906_000000392089_00239_42878_9389.N1	13-MAY-2010 13:39:06	Bright	38.500	3	16Alp Boo	-0.050000	4250.0	77	42878	No
183	GOM_NL__2PRFIN20100513_134141_000000392089_00239_42878_9390.N1	13-MAY-2010 13:41:41	Bright	38.500	83		2.3780	11000.	77	42878	No
184	GOM_NL__2PRFIN20100513_134448_000000392089_00239_42878_9391.N1	13-MAY-2010 13:44:48	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	42878	No
185	GOM_NL__2PRFIN20100513_135341_000000422089_00239_42878_9392.N1	13-MAY-2010 13:53:41	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42878	No
186	GOM_NL__2PRFIN20100513_140436_000000452089_00239_42878_9393.N1	13-MAY-2010 14:04:36	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42878	No
187	GOM_NL__2PRFIN20100513_140754_000000402089_00239_42878_9394.N1	13-MAY-2010 14:07:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	42878	No
188	GOM_NL__2PRFIN20100513_141801_000000582089_00239_42878_9395.N1	13-MAY-2010 14:18:01	Twilight	58.000	93	53Bet Peg	2.5200	3100.0	116	42878	No
189	GOM_NL__2PRFIN20100513_142103_000000432089_00239_42878_9396.N1	13-MAY-2010 14:21:03	Twilight	43.000	140	88Gam Peg	2.8340	26000.	86	42878	No
190	GOM_NL__2PRFIN20100513_142233_000000522089_00239_42878_9397.N1	13-MAY-2010 14:22:33	Dark	51.500	90	54Alp Peg	2.4870	11000.	103	42878	No
191	GOM_NL__2PRFIN20100513_143601_000000482089_00239_42878_9398.N1	13-MAY-2010 14:36:01	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42878	No
192	GOM_NL__2PRFIN20100513_144028_000000522089_00239_42878_9399.N1	13-MAY-2010 14:40:28	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	42878	No
193	GOM_NL__2PRFIN20100513_144152_000000422089_00239_42878_9400.N1	13-MAY-2010 14:41:52	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42878	No
194	GOM_NL__2PRFIN20100513_162804_000000432089_00241_42880_9332.N1	13-MAY-2010 16:28:04	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42880	No
195	GOM_NL__2PRFIN20100513_163522_000000412089_00241_42880_9333.N1	13-MAY-2010 16:35:22	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	42880	No
196	GOM_NL__2PRFIN20100513_163750_000000482089_00241_42880_9334.N1	13-MAY-2010 16:37:50	Straylight	47.500	40	The Sco	1.8590	7100.0	95	42880	No
197	GOM_NL__2PRFIN20100513_163943_000000572089_00241_42880_9335.N1	13-MAY-2010 16:39:43	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42880	No
198	GOM_NL__2PRFIN20100513_164210_000000552089_00241_42880_9336.N1	13-MAY-2010 16:42:10	Straylight	54.500	75	26Eps Sco	2.2910	4250.0	109	42880	No
199	GOM_NL__2PRFIN20100513_164521_000000622089_00241_42880_9337.N1	13-MAY-2010 16:45:21	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	42880	No
200	GOM_NL__2PRFIN20100513_164709_000000562089_00241_42880_9338.N1	13-MAY-2010 16:47:09	Bright	55.500	80	7Del Sco	2.3160	30000.	111	42880	No
201	GOM_NL__2PRFIN20100513_164954_000000392089_00241_42880_9339.N1	13-MAY-2010 16:49:54	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	42880	No
202	GOM_NL__2PRFIN20100513_165408_000000342089_00241_42880_9340.N1	13-MAY-2010 16:54:08	Twilight	34.000	120	1Del Oph	2.7340	3200.0	68	42880	No
203	GOM_NL__2PRFIN20100513_165721_000000462089_00241_42880_9341.N1	13-MAY-2010 16:57:21	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	42880	No
204	GOM_NL__2PRFIN20100513_170253_000000392089_00241_42880_9342.N1	13-MAY-2010 17:02:53	Bright	39.000	83		2.3780	11000.	78	42880	No
205	GOM_NL__2PRFIN20100513_170600_000000392089_00241_42880_9343.N1	13-MAY-2010 17:06:00	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42880	No
206	GOM_NL__2PRFIN20100513_171452_000000412089_00241_42880_9344.N1	13-MAY-2010 17:14:52	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42880	No
207	GOM_NL__2PRFIN20100513_172546_000000422089_00241_42880_9345.N1	13-MAY-2010 17:25:46	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42880	No
208	GOM_NL__2PRFIN20100513_172906_000000402089_00241_42880_9346.N1	13-MAY-2010 17:29:06	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	42880	No
209	GOM_NL__2PRFIN20100513_173914_000000552089_00241_42880_9347.N1	13-MAY-2010 17:39:14	Twilight	54.500	93	53Bet Peg	2.5200	3100.0	109	42880	No
210	GOM_NL__2PRFIN20100513_174216_000000412089_00241_42880_9348.N1	13-MAY-2010 17:42:16	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	42880	No
211	GOM_NL__2PRFIN20100513_174347_000000512089_00241_42880_9349.N1	13-MAY-2010 17:43:47	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	42880	No
212	GOM_NL__2PRFIN20100513_175715_000000472089_00241_42880_9350.N1	13-MAY-2010 17:57:15	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	42880	No
213	GOM_NL__2PRFIN20100513_180306_000000442089_00241_42880_9351.N1	13-MAY-2010 18:03:06	Dark	44.000	31	Alp Gru	1.7340	15200.	88	42880	No
214	GOM_NL__2PRFIN20100513_180841_000000462089_00242_42881_9428.N1	13-MAY-2010 18:08:41	Dark	45.500	45	Alp Pav	1.9400	26000.	91	42881	No
215	GOM_NL__2PRFIN20100513_181559_000000492089_00242_42881_9429.N1	13-MAY-2010 18:15:59	Straylight	49.000	141	Bet Ara	2.8400	4600.0	98	42881	No
216	GOM_NL__2PRFIN20100513_181827_000000552089_00242_42881_9430.N1	13-MAY-2010 18:18:27	Straylight	55.000	40	The Sco	1.8590	7100.0	110	42881	No
217	GOM_NL__2PRFIN20100513_182019_000000522089_00242_42881_9431.N1	13-MAY-2010 18:20:19	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	42881	No
218	GOM_NL__2PRFIN20100513_182246_000000532089_00242_42881_9432.N1	13-MAY-2010 18:22:46	Straylight	52.500	75	26Eps Sco	2.2910	4250.0	105	42881	No
219	GOM_NL__2PRFIN20100513_182558_000000582089_00242_42881_9433.N1	13-MAY-2010 18:25:58	Twilight	57.500	16	21Alp Sco	1.0200	3000.0	115	42881	No



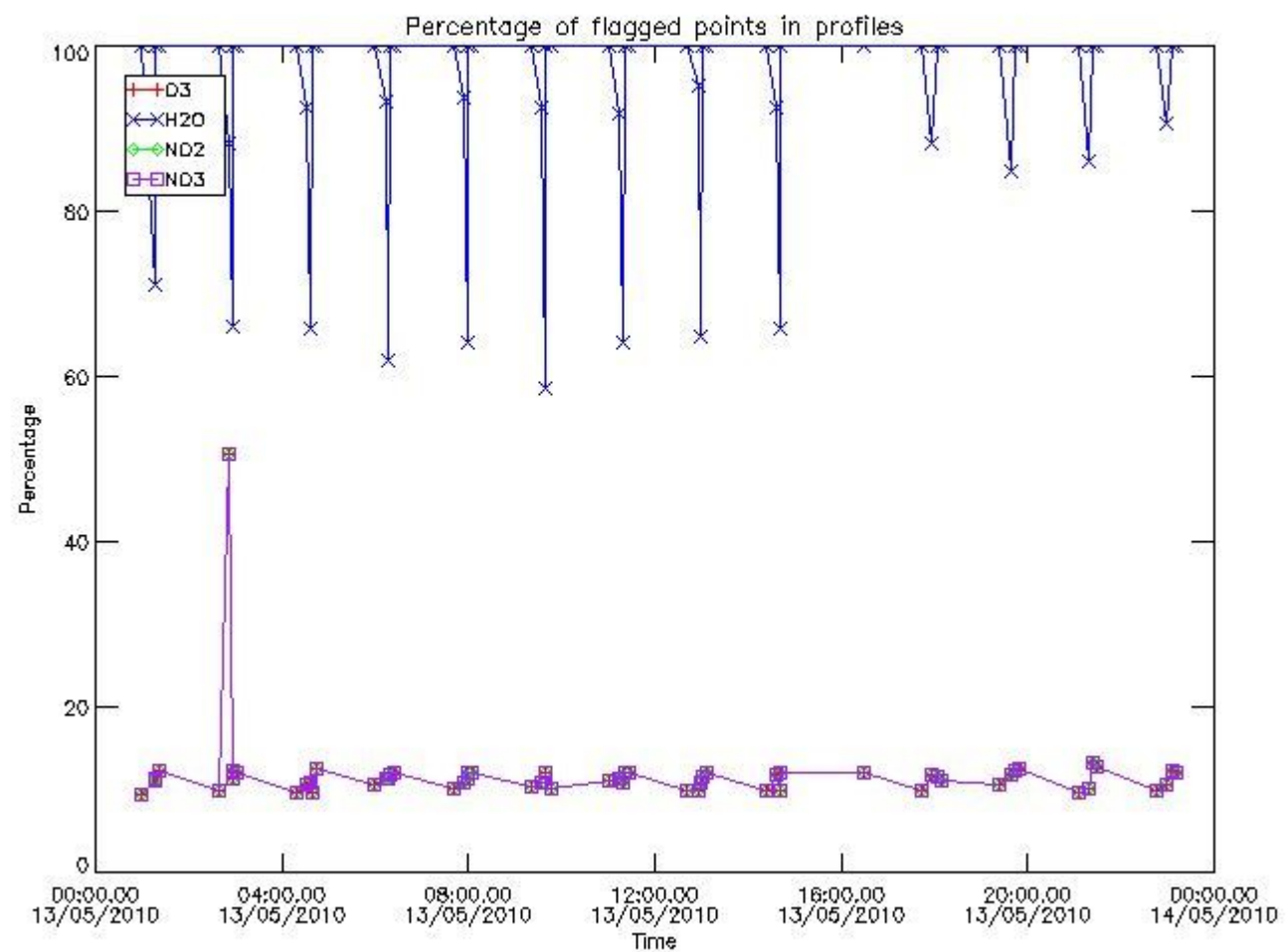


279	GOM_NL__2PRFIN20100513_232209_000000572089_00245_42884_9514.N1	13-MAY-2010 23:22:09	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42884	No
280	GOM_NL__2PRFIN20100513_232435_000000562089_00245_42884_9515.N1	13-MAY-2010 23:24:35	Straylight	55.500	75	26Eps Sco	2.2910	4250.0	111	42884	No
281	GOM_NL__2PRFIN20100513_232746_000000672089_00245_42884_9516.N1	13-MAY-2010 23:27:46	Twilight_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	42884	No
282	GOM_NL__2PRFIN20100513_232934_000000602089_00245_42884_9517.N1	13-MAY-2010 23:29:34	Bright	59.500	80	7Del Sco	2.3160	30000.	119	42884	No
283	GOM_NL__2PRFIN20100513_233218_000000392089_00245_42884_9518.N1	13-MAY-2010 23:32:18	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	42884	No
284	GOM_NL__2PRFIN20100513_233412_000000422089_00245_42884_9519.N1	13-MAY-2010 23:34:12	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	42884	No
285	GOM_NL__2PRFIN20100513_233630_000000462089_00245_42884_9520.N1	13-MAY-2010 23:36:30	Bright	46.000	120	1Del Oph	2.7340	3200.0	92	42884	No
286	GOM_NL__2PRFIN20100513_233943_000000462089_00245_42884_9521.N1	13-MAY-2010 23:39:43	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	42884	No
287	GOM_NL__2PRFIN20100513_234515_000000422089_00245_42884_9522.N1	13-MAY-2010 23:45:15	Bright	41.500	83		2.3780	11000.	83	42884	No
288	GOM_NL__2PRFIN20100513_234823_000000372089_00245_42884_9523.N1	13-MAY-2010 23:48:23	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	42884	No
289	GOM_NL__2PRFIN20100513_235713_000000442089_00245_42884_9524.N1	13-MAY-2010 23:57:13	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42884	No

### 3. Quality information per product

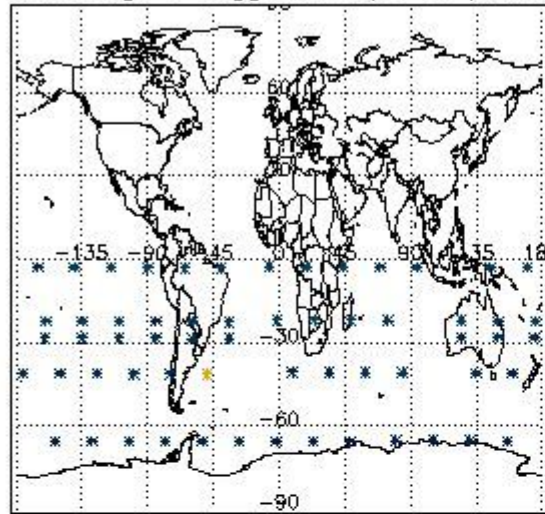
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

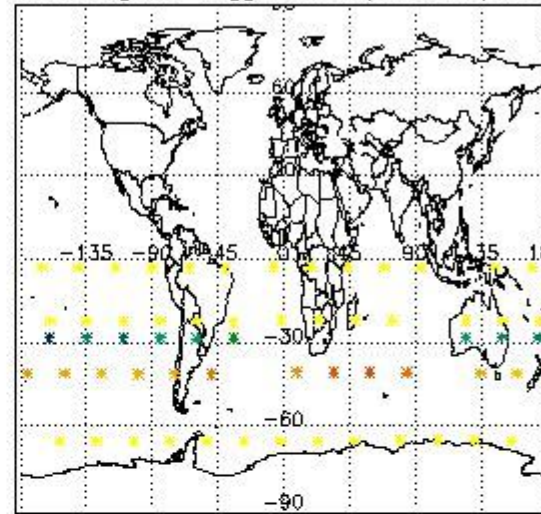


#### 3.2 Plot quality information per product (world map)

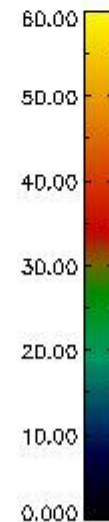
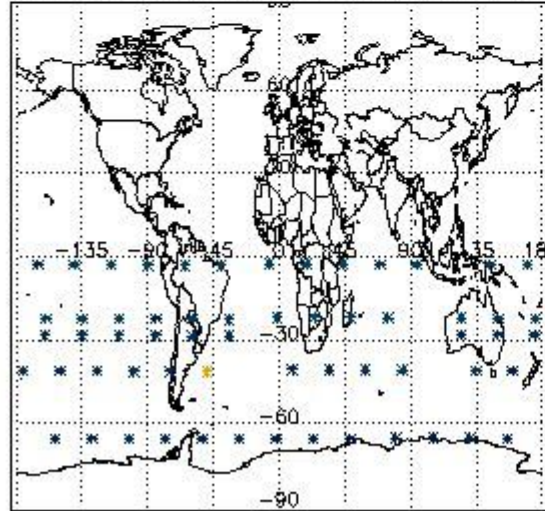
Percentage of flagged data per O3 profile



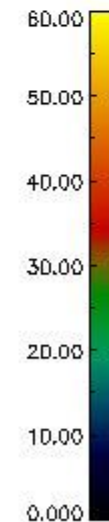
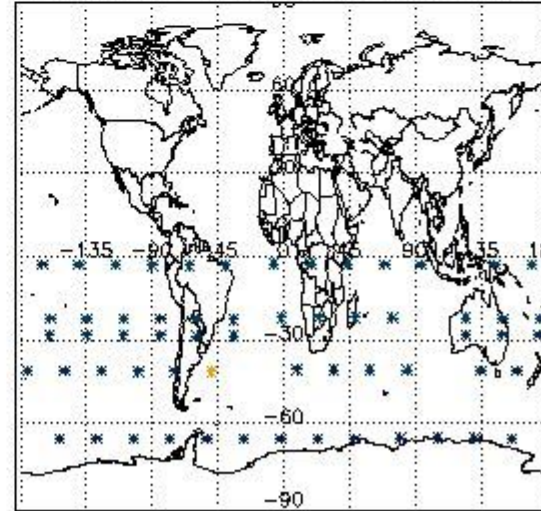
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

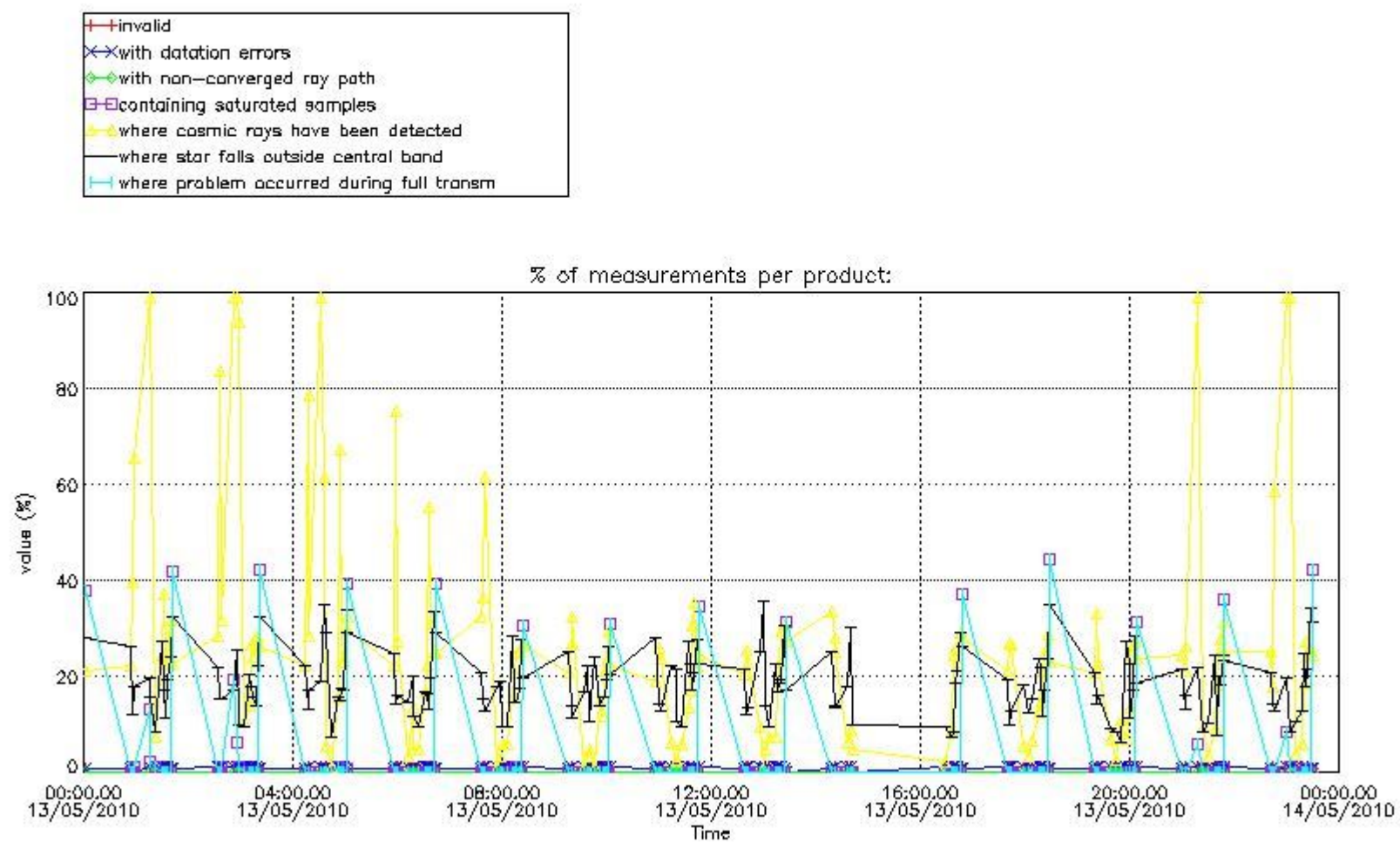


#### 4. Level 1 quality information per product

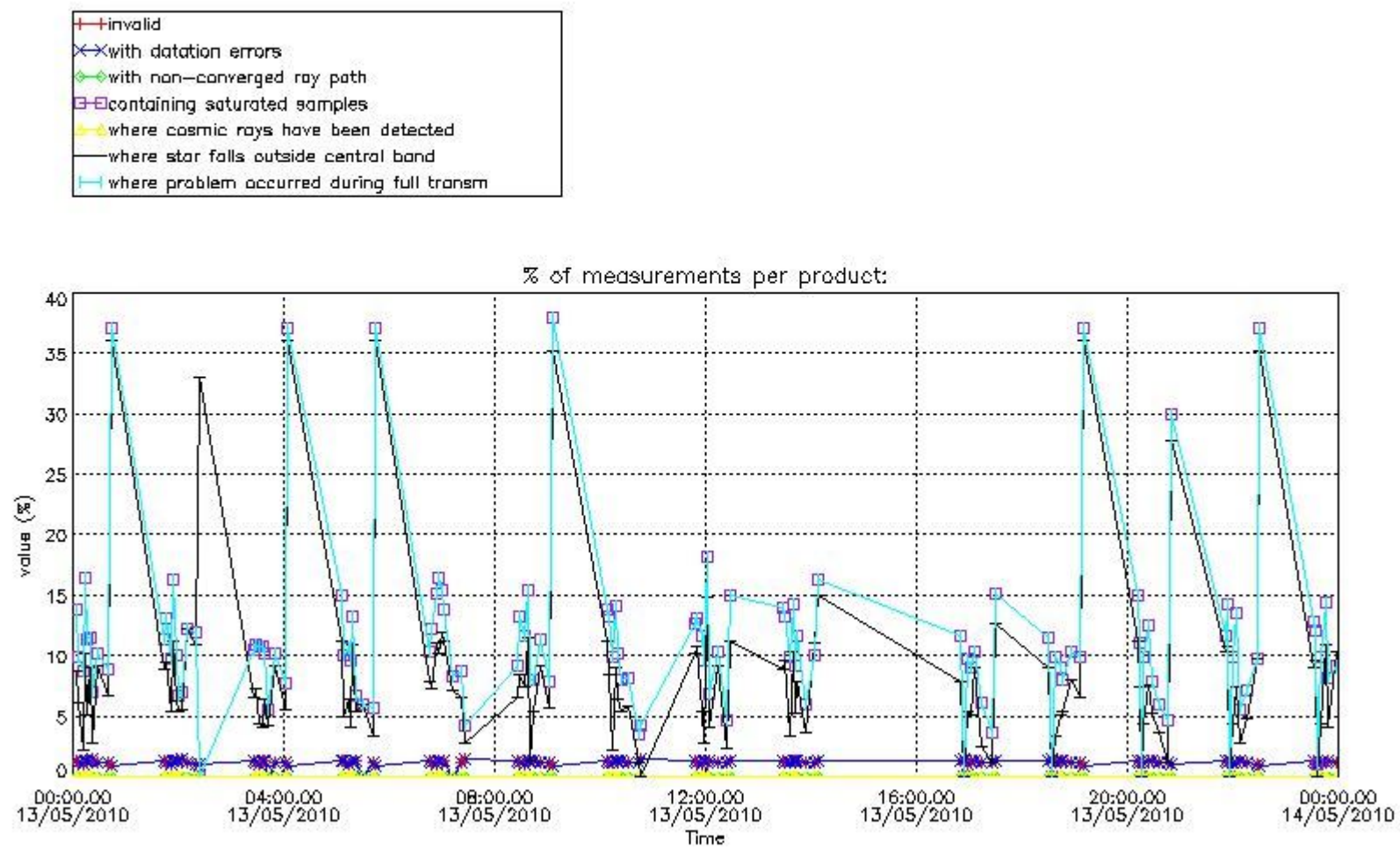
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



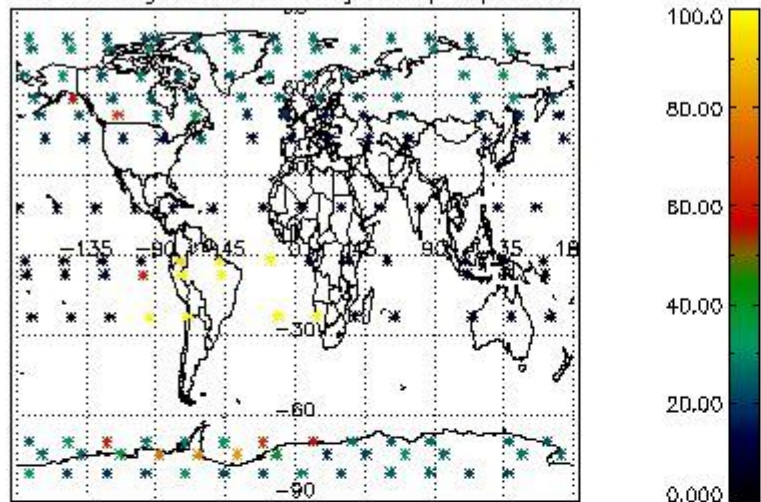
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



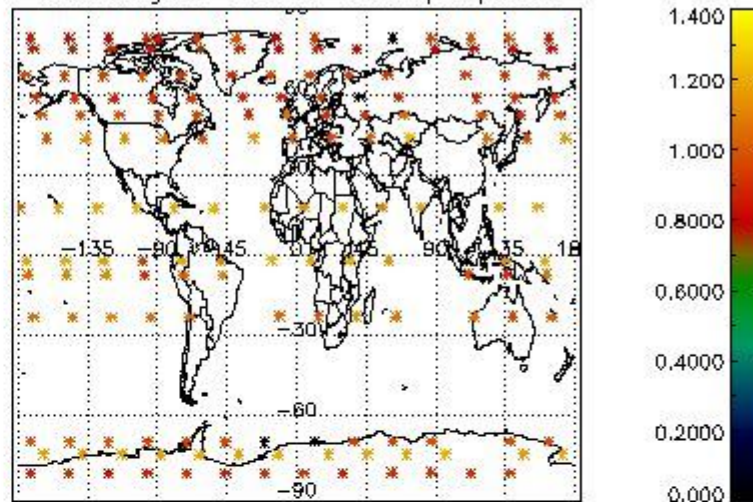
4.2 Plot quality information per product coming from level 1b processing (world map)

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

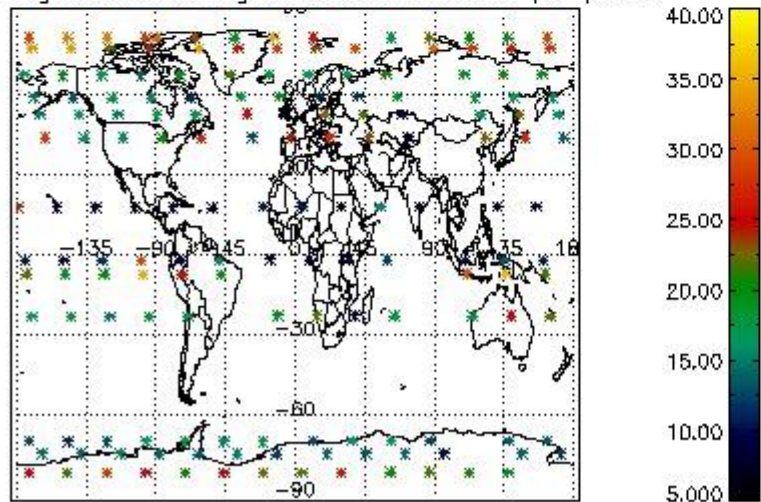
Percentage of cosmic ray hits per profile



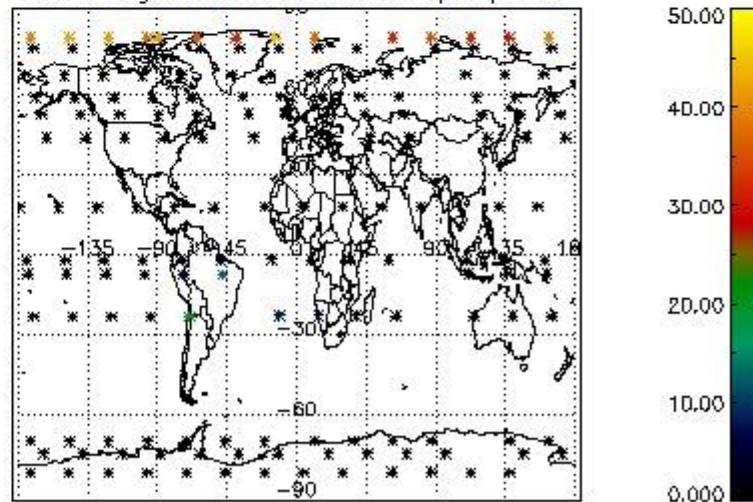
Percentage of datation errors per profile



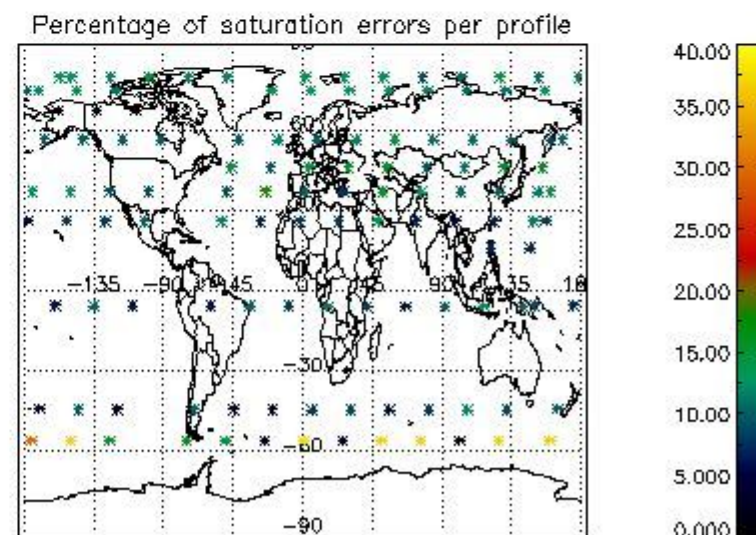
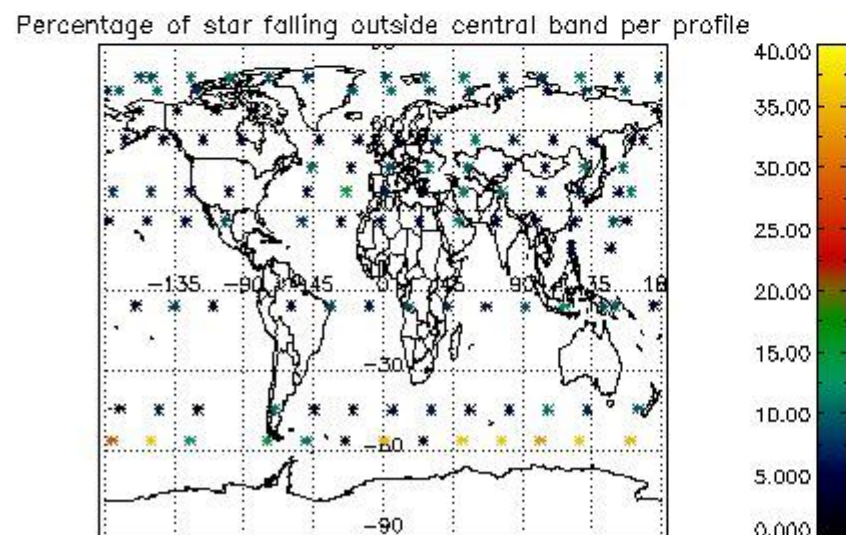
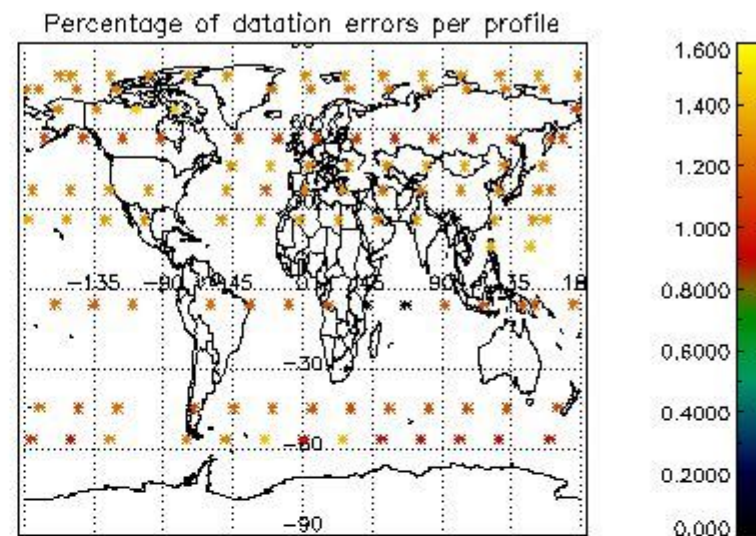
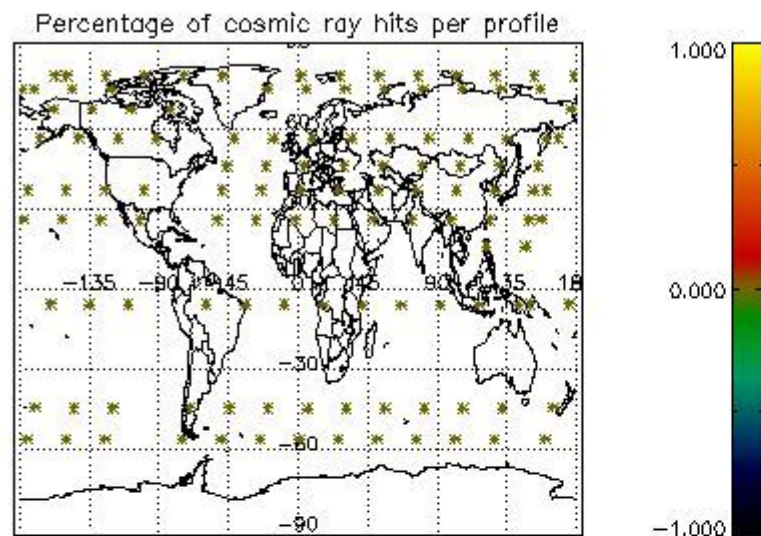
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

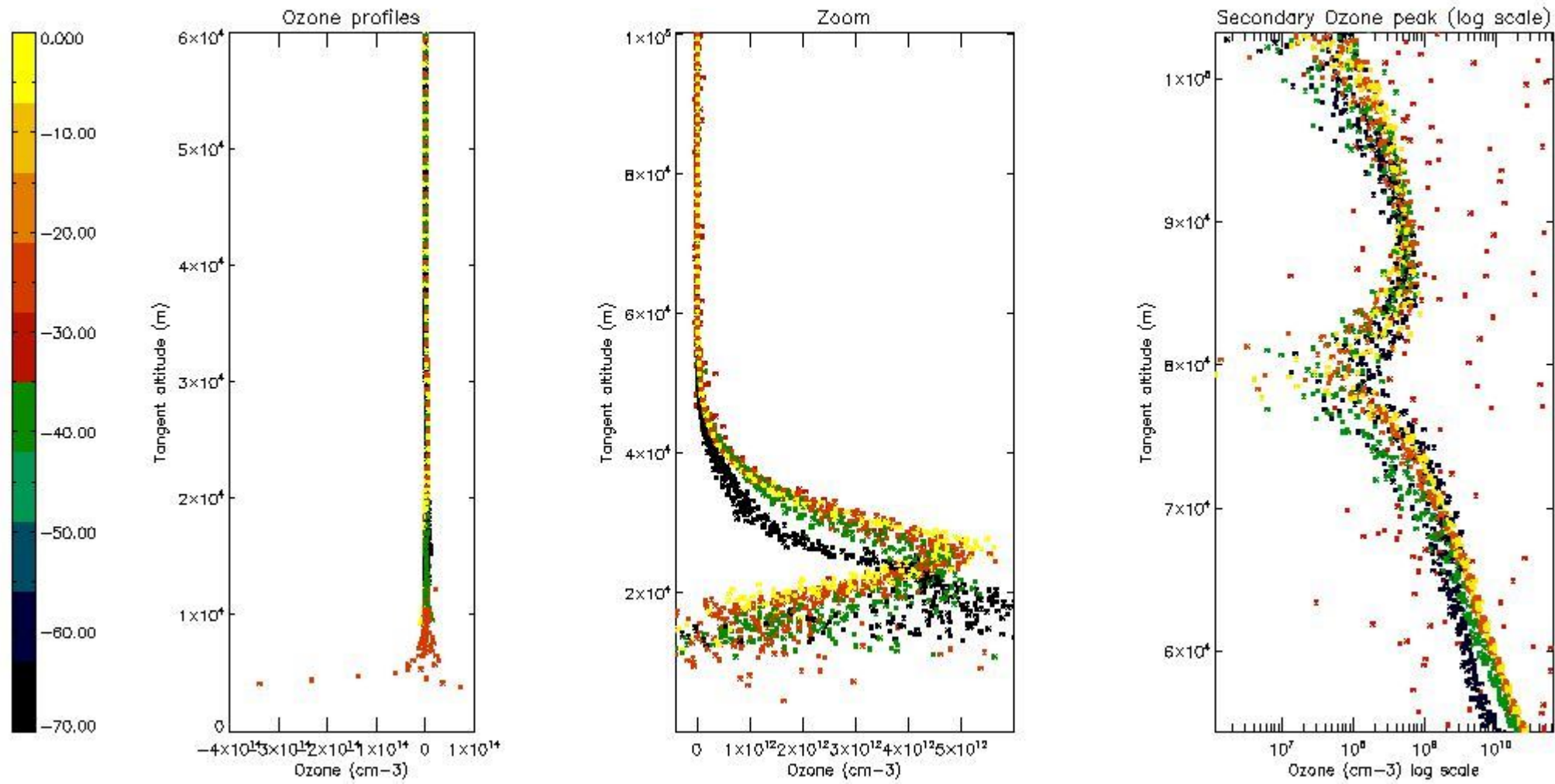
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	12

STD < 10	9
STD < 5	6

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

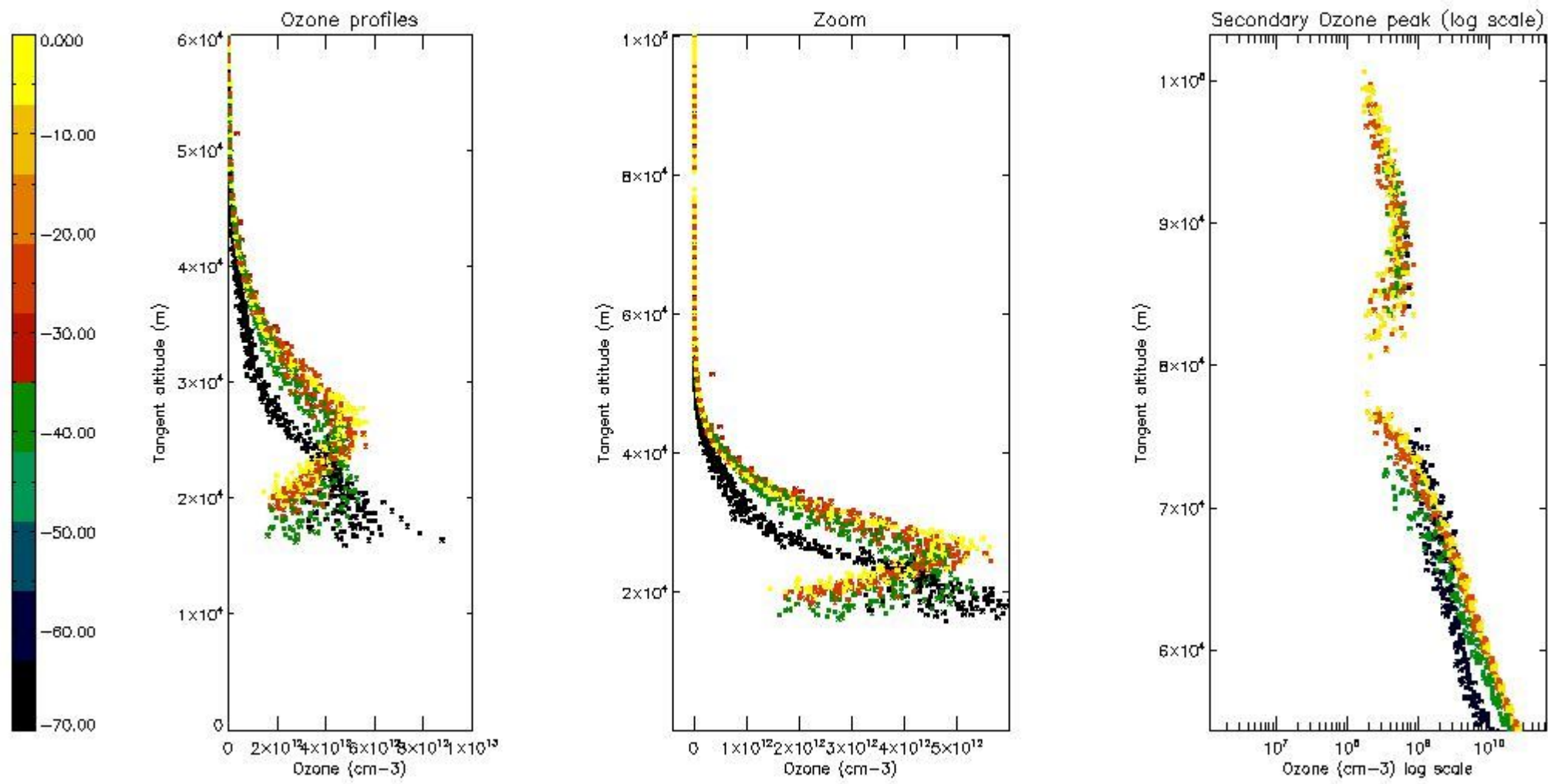
The colorbar represents the latitude.



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

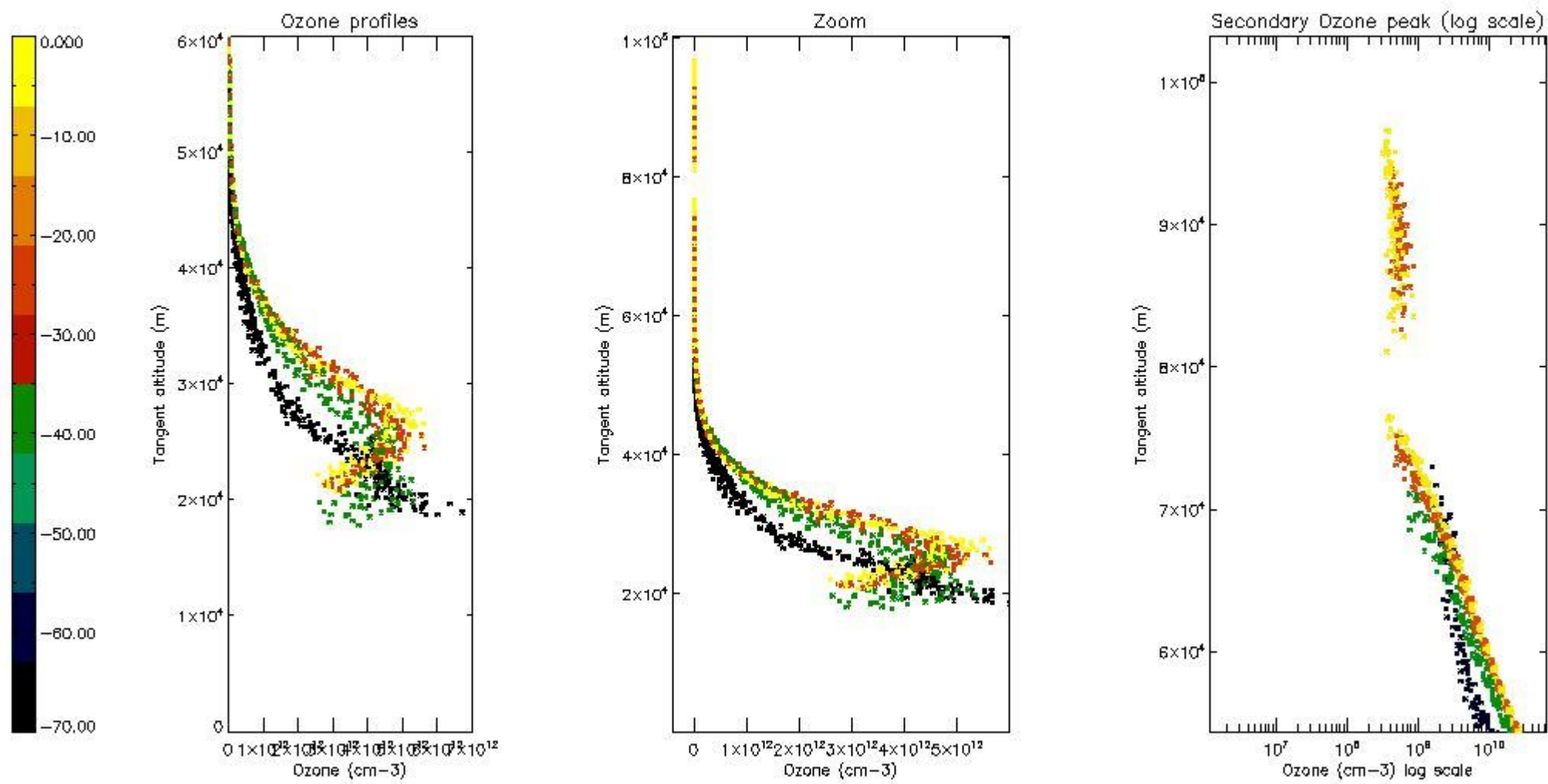
The colorbar represents the latitude.





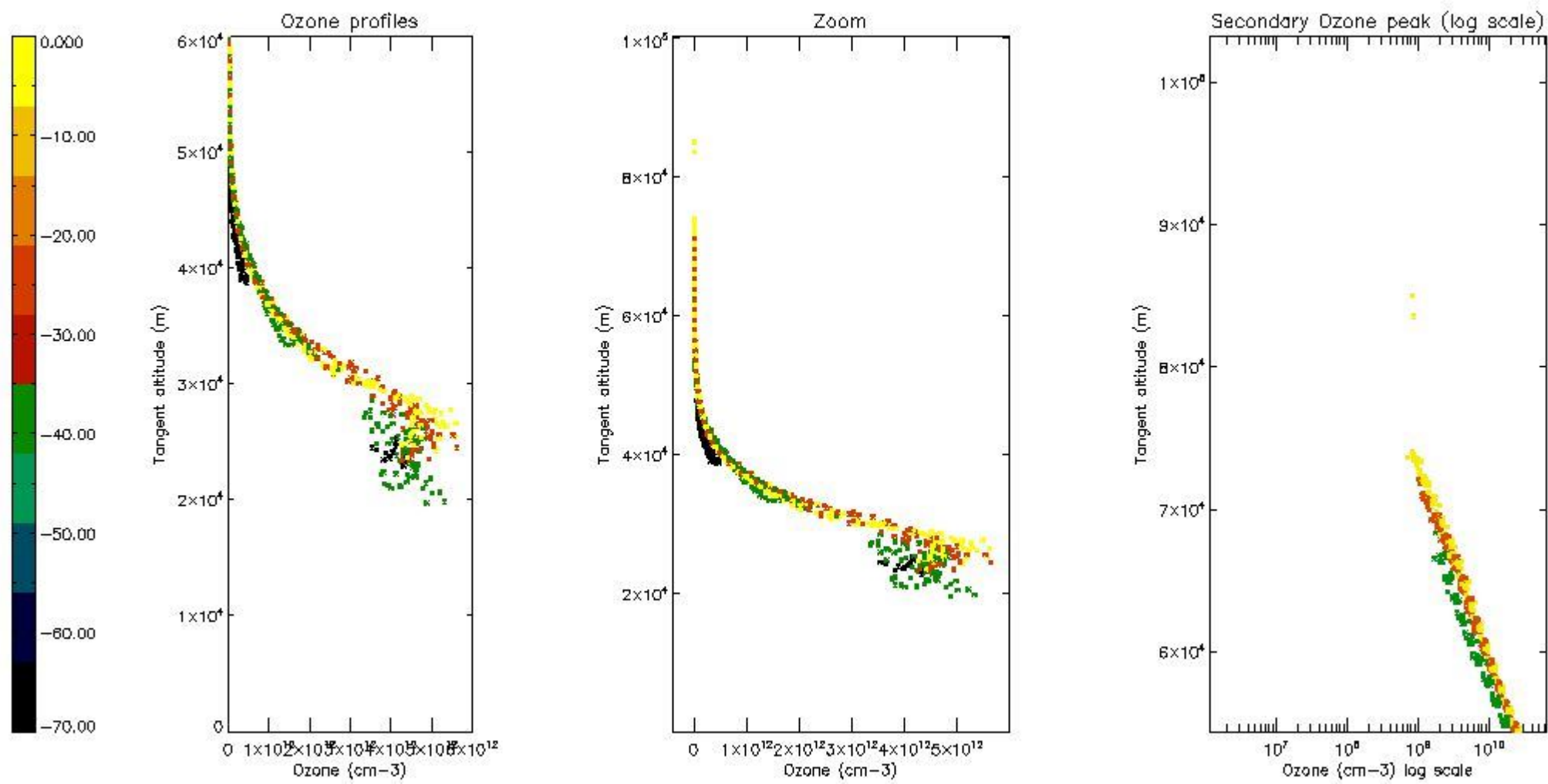
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



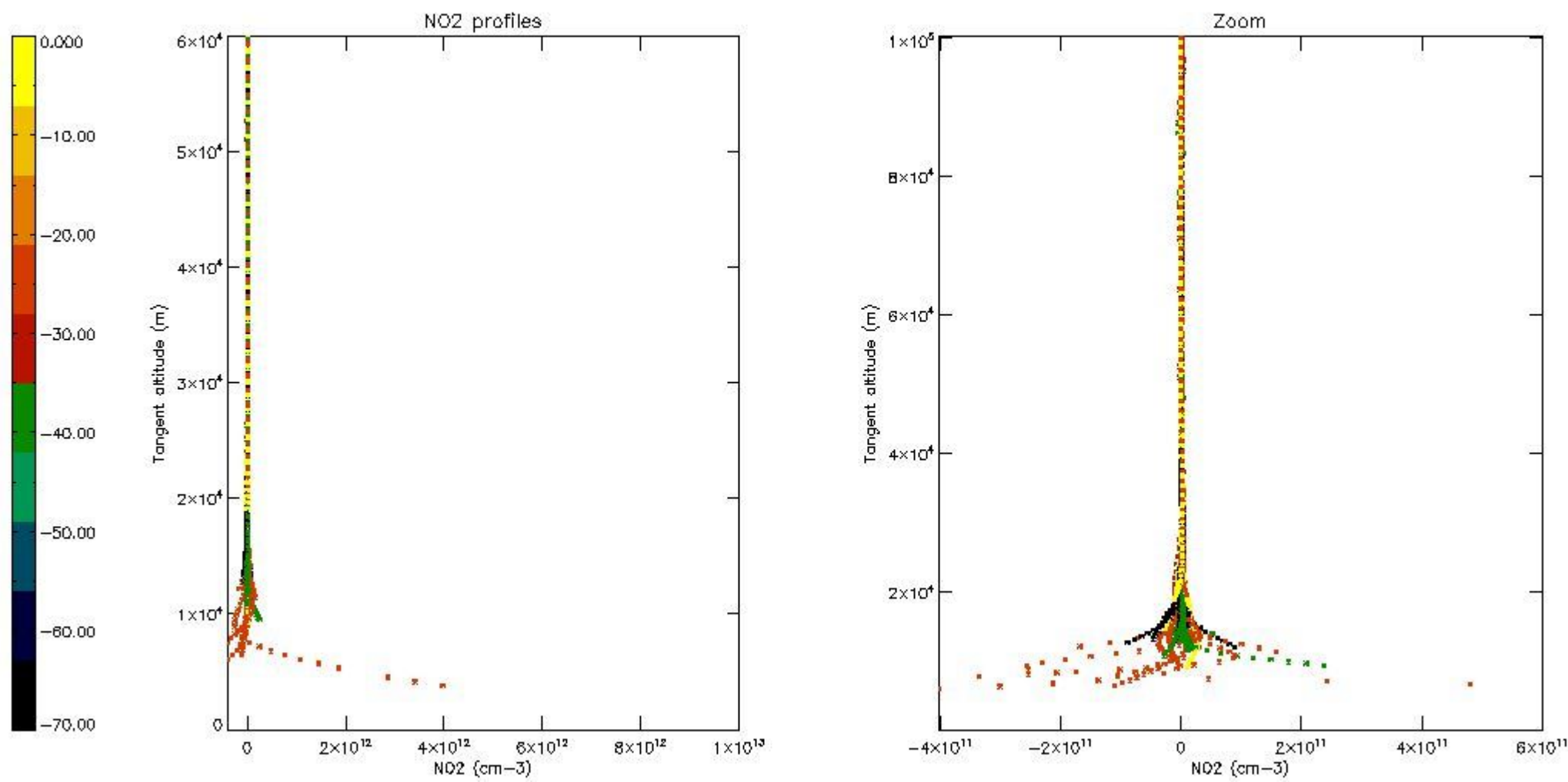
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



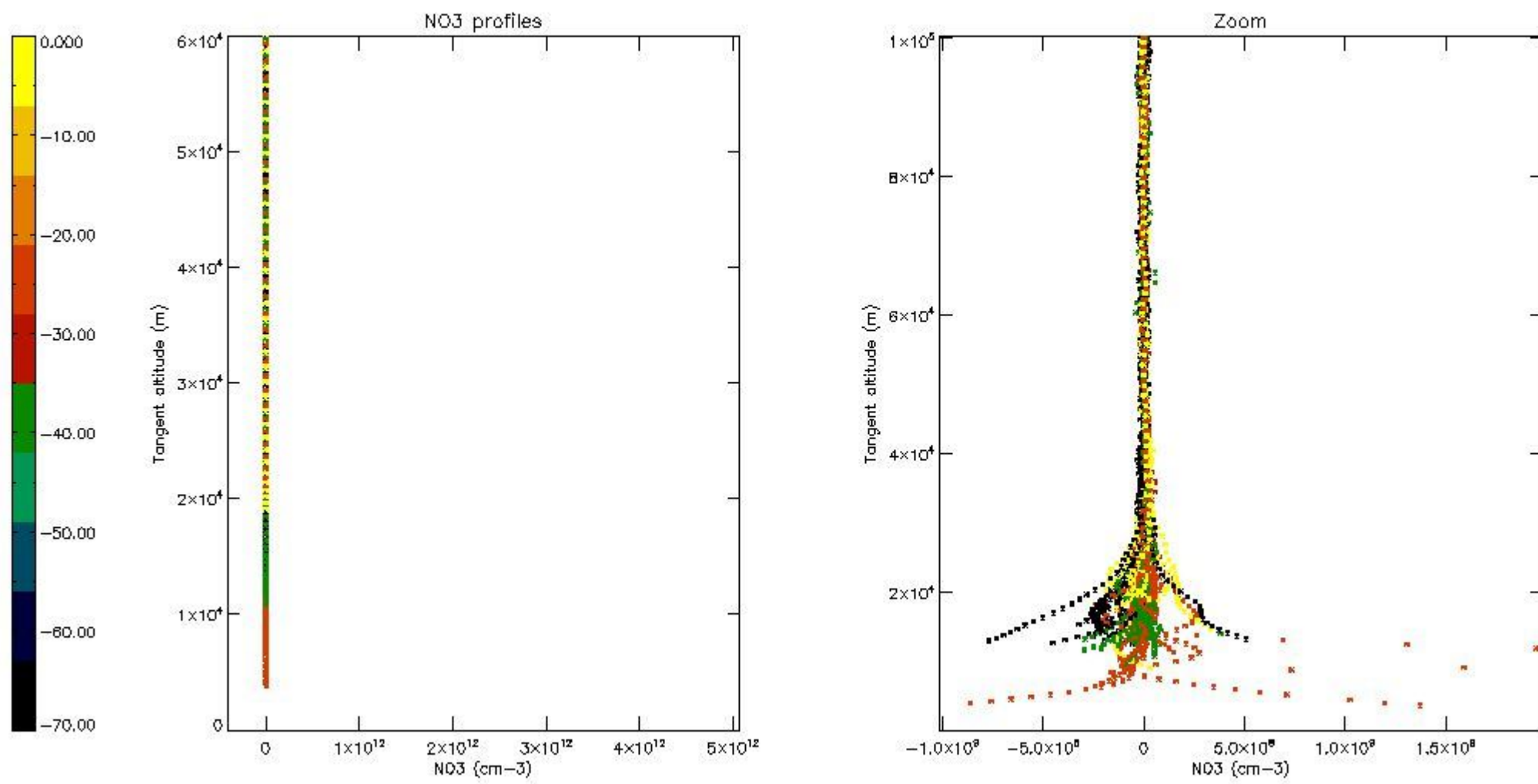
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



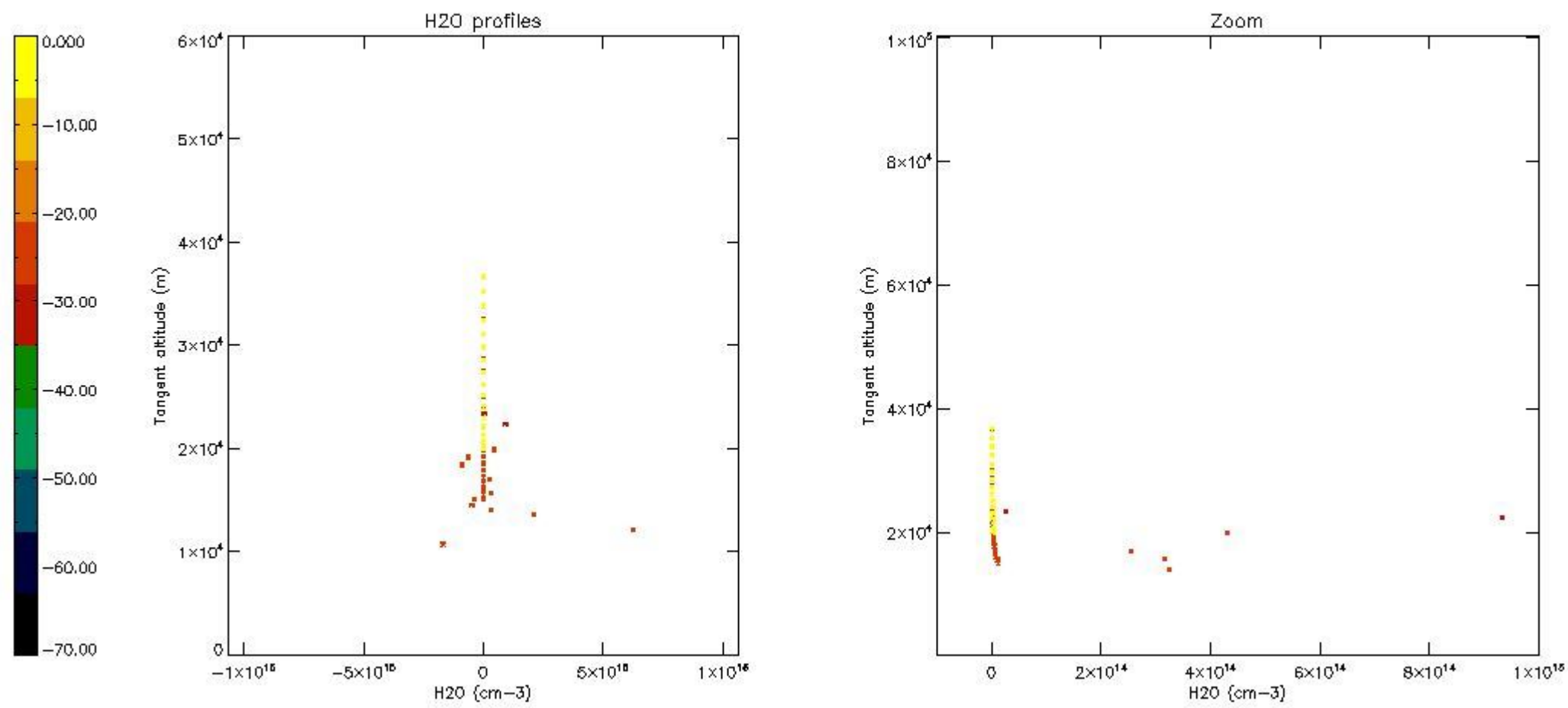
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

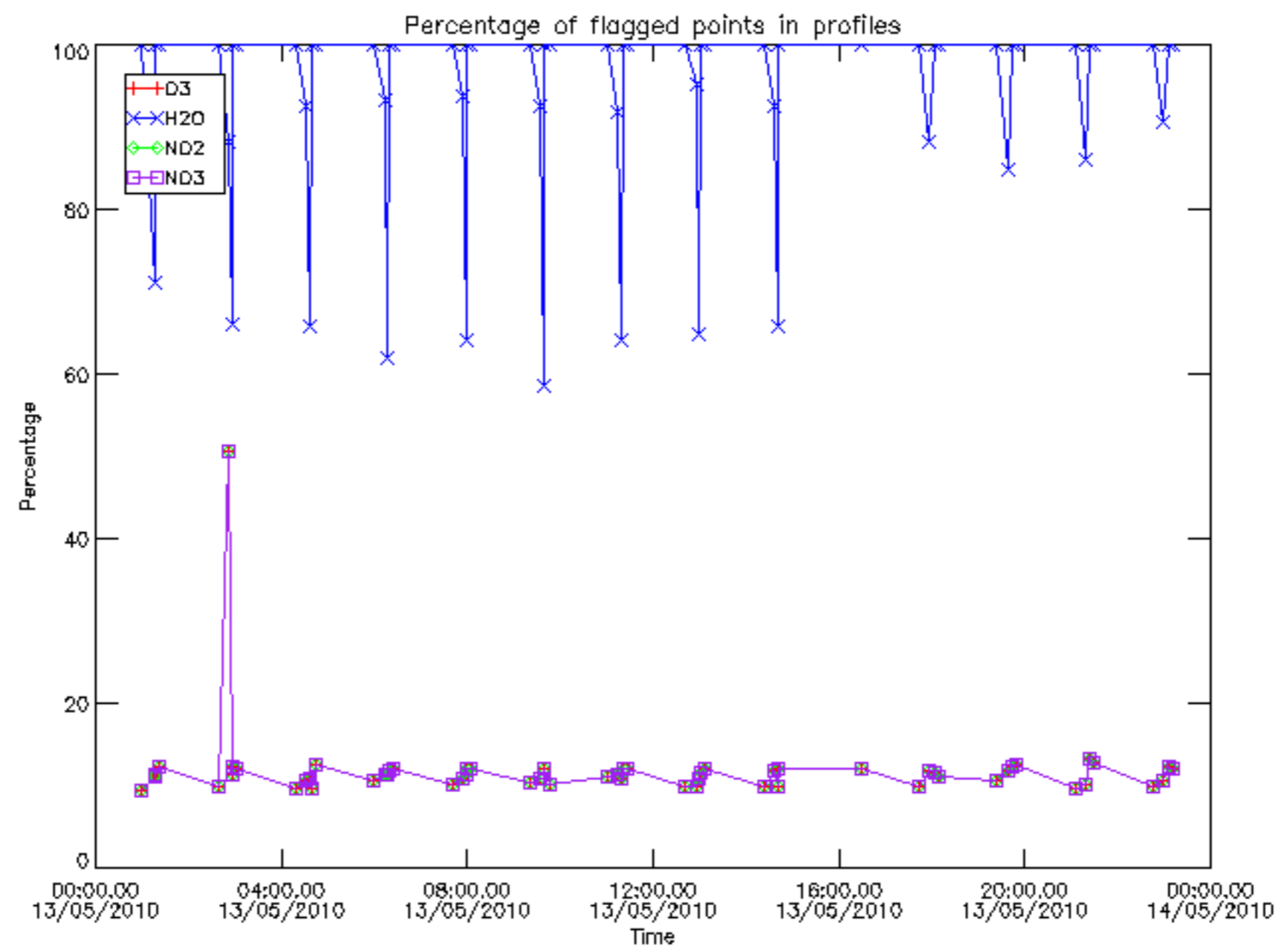
The colorbar represents the latitude.



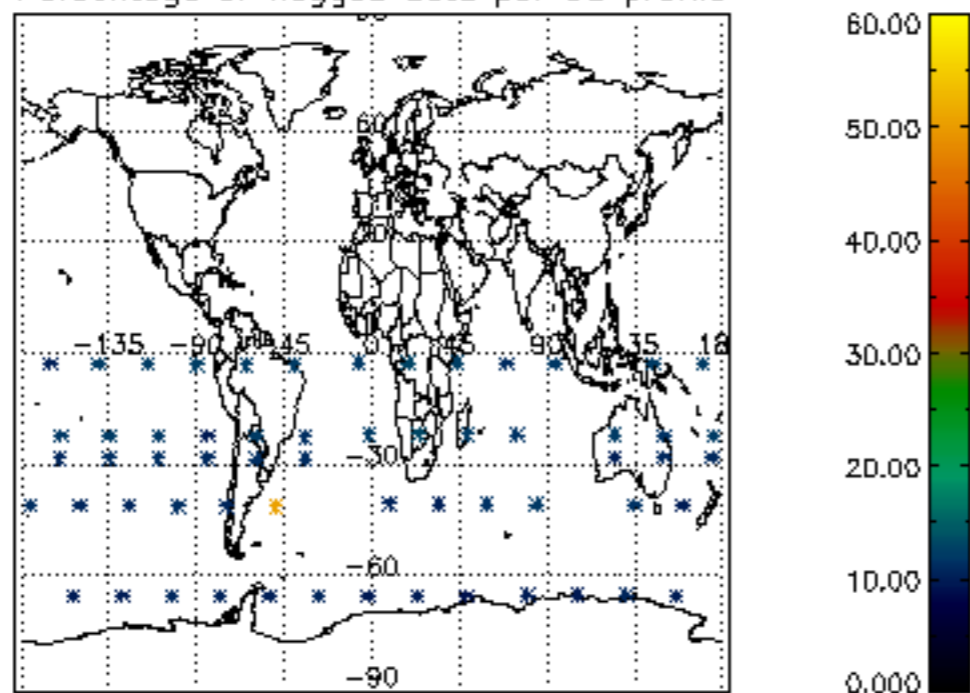
## 6. Auxiliary Data Files used for the production reported in section 2

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.

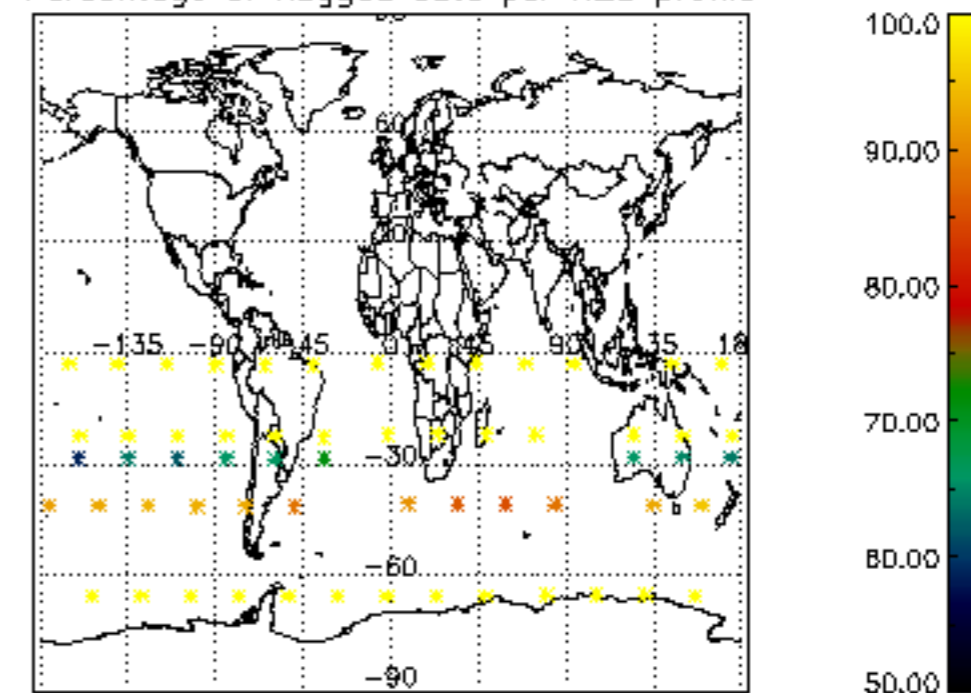
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-MAY-2010 00:01:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-MAY-2010 00:01:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-MAY-2010 00:01:08



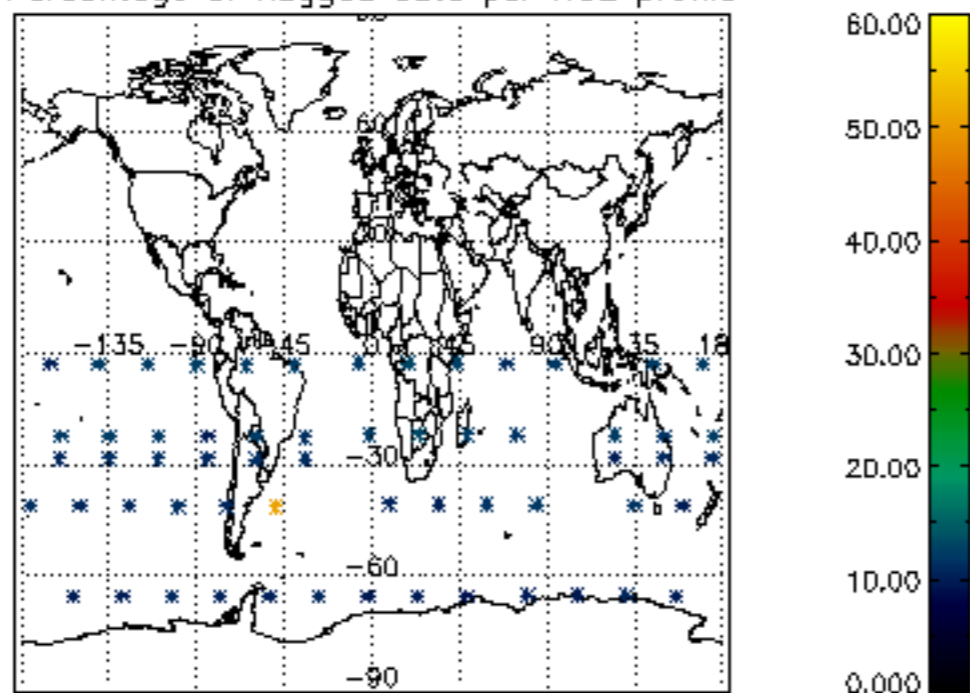
Percentage of flagged data per D3 profile



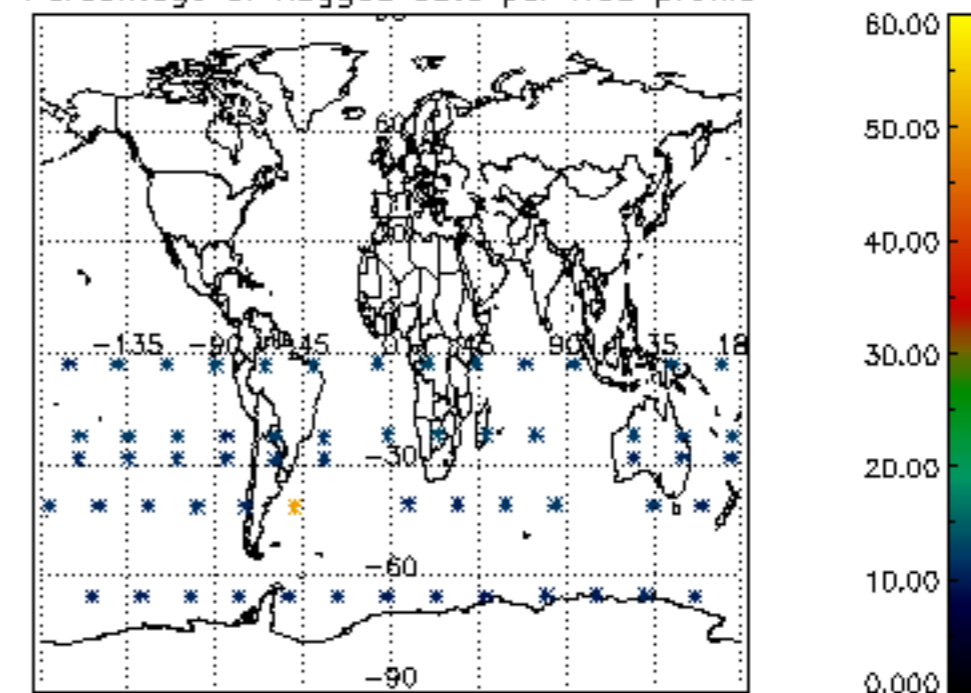
Percentage of flagged data per H2O profile



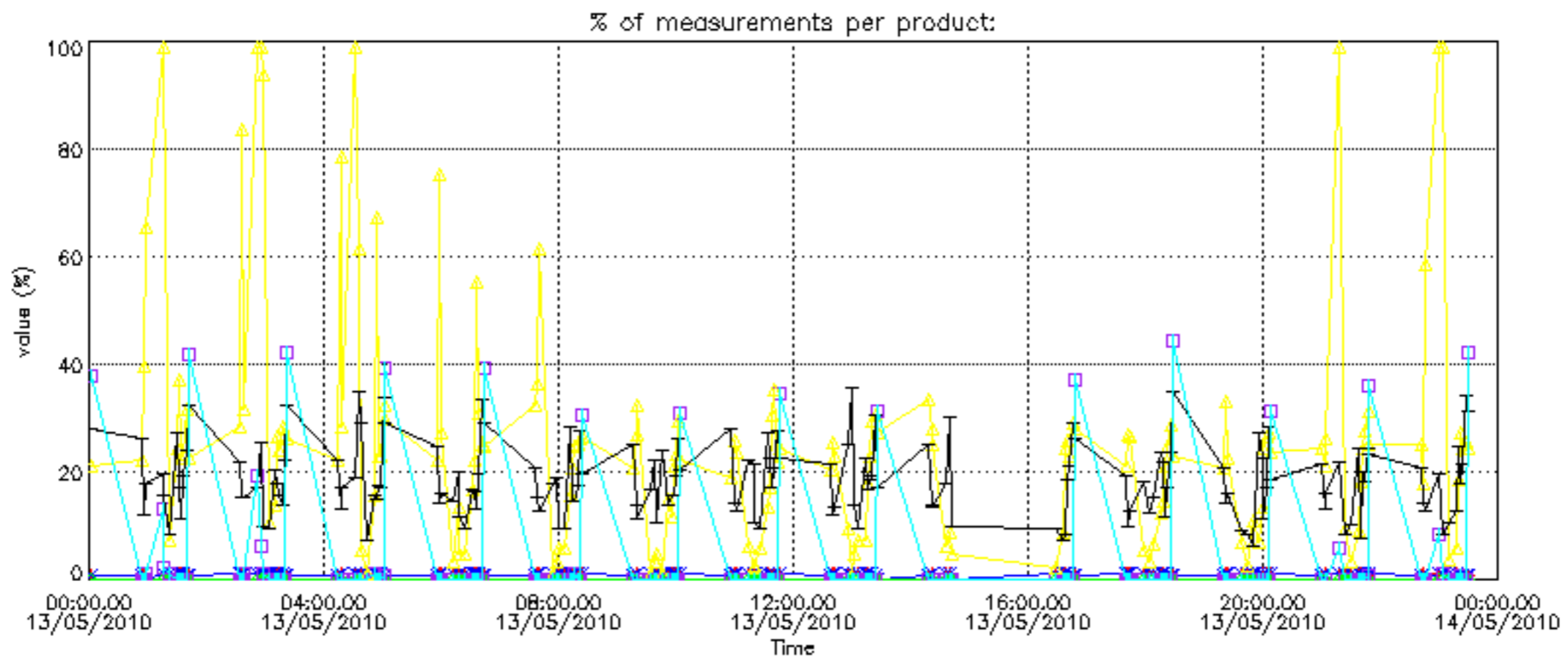
Percentage of flagged data per NO2 profile

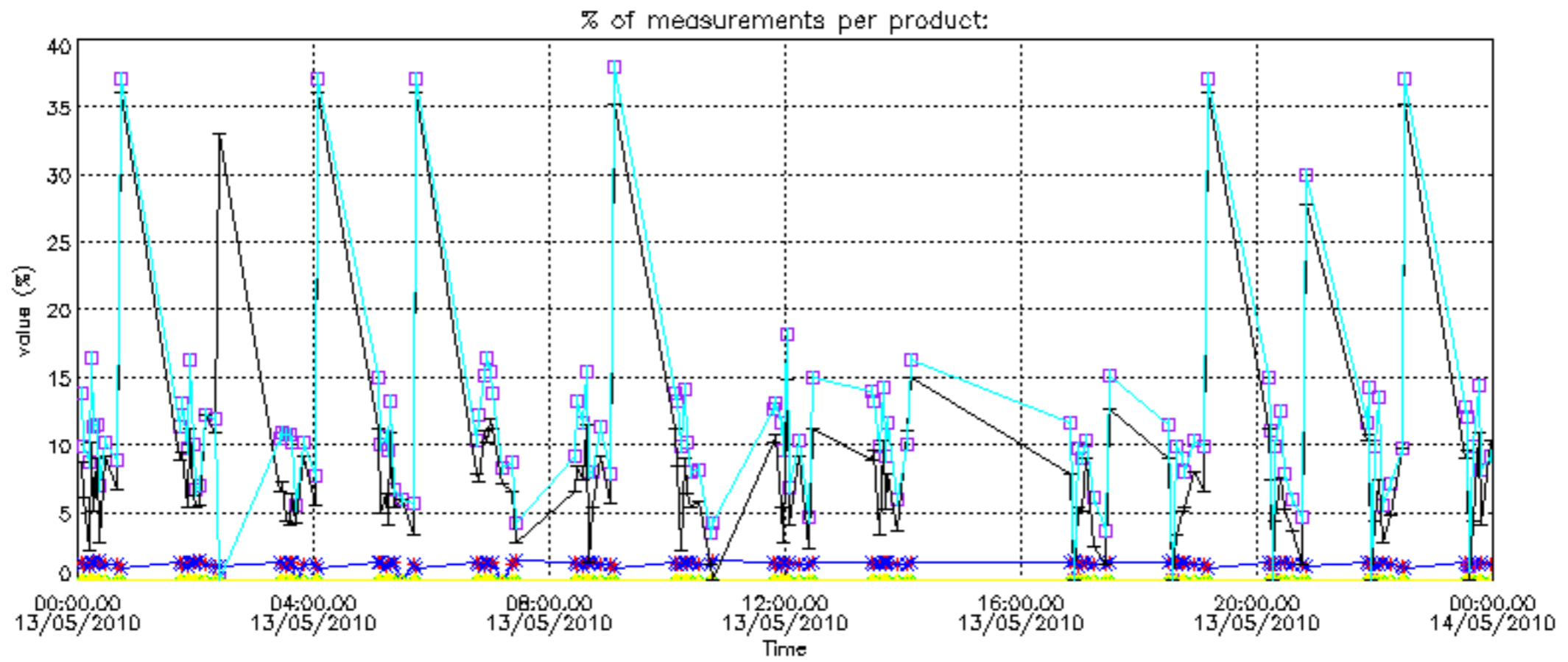


Percentage of flagged data per NO3 profile

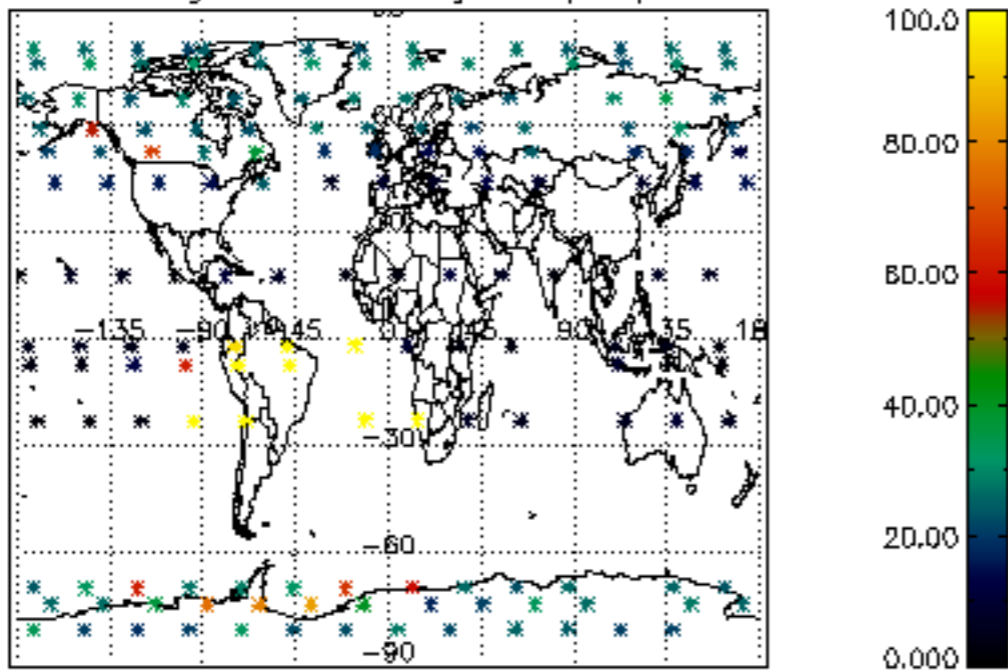




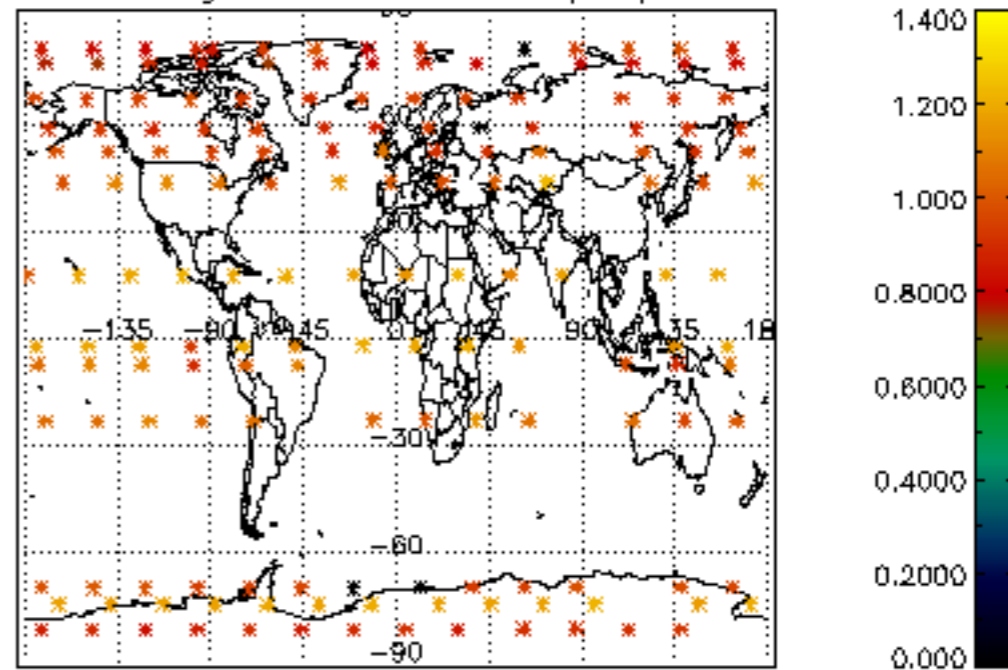




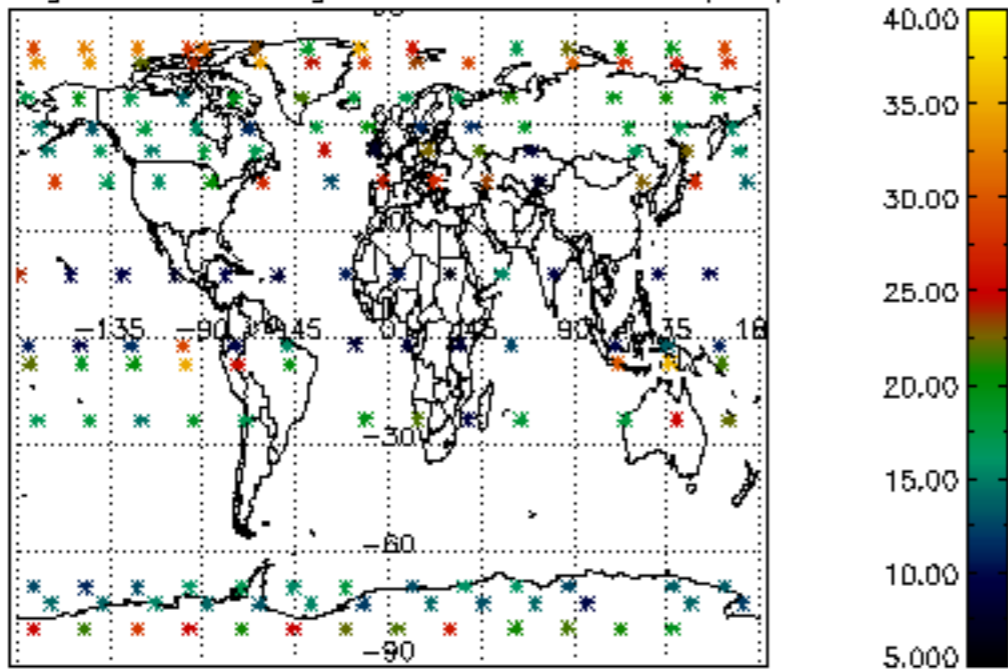
Percentage of cosmic ray hits per profile



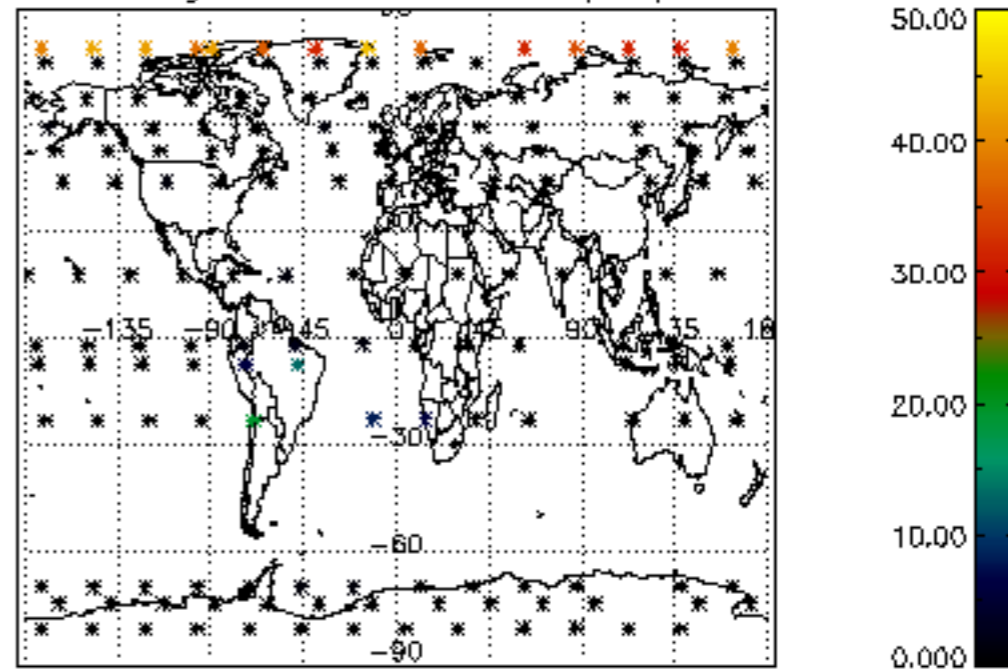
Percentage of datation errors per profile



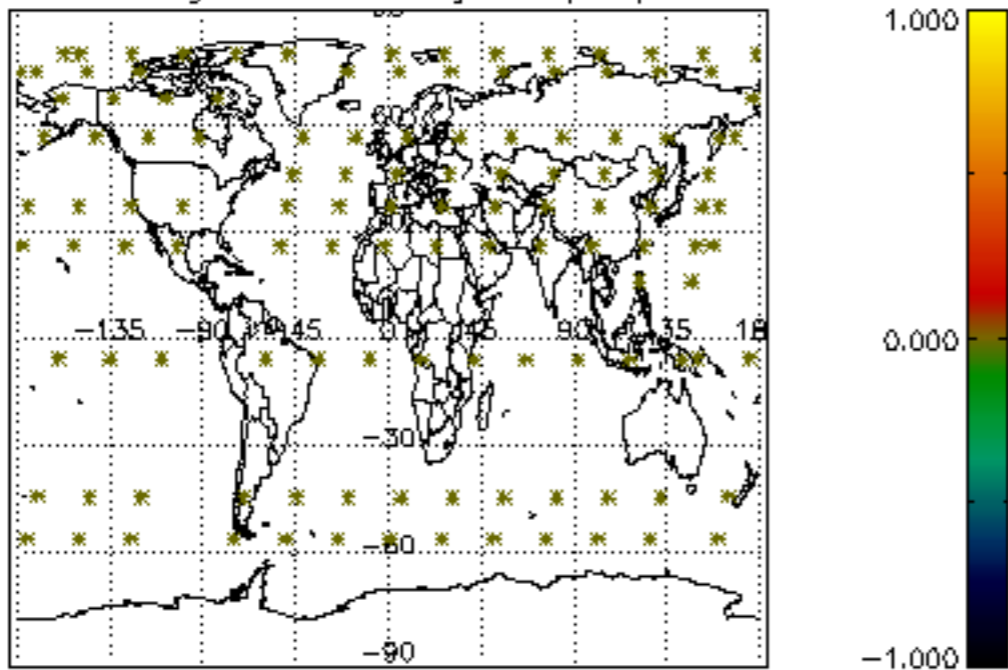
Percentage of star falling outside central band per profile



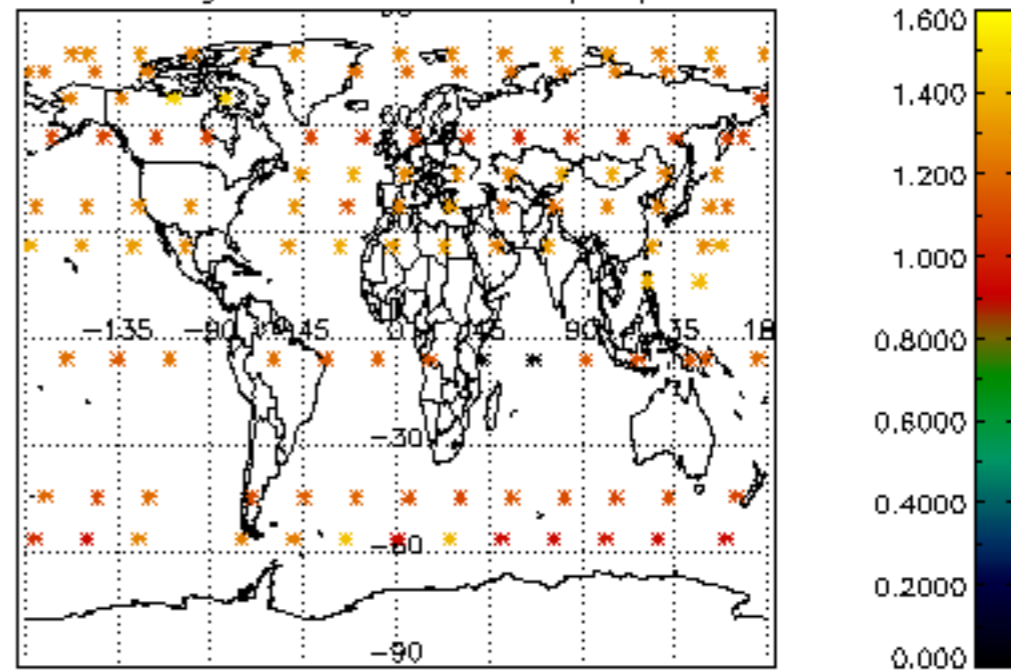
Percentage of saturation errors per profile



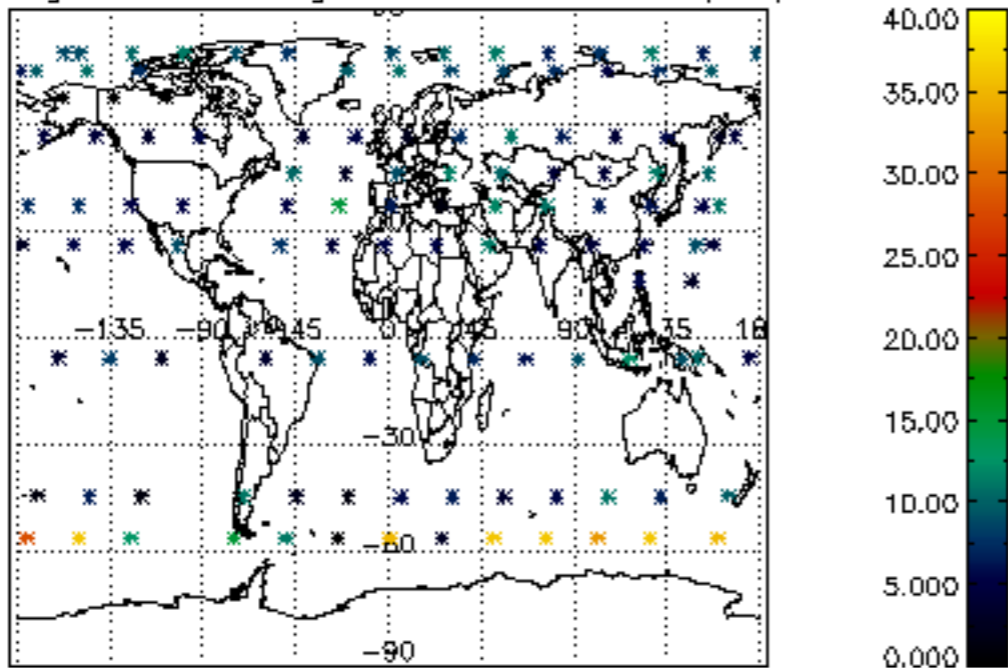
Percentage of cosmic ray hits per profile



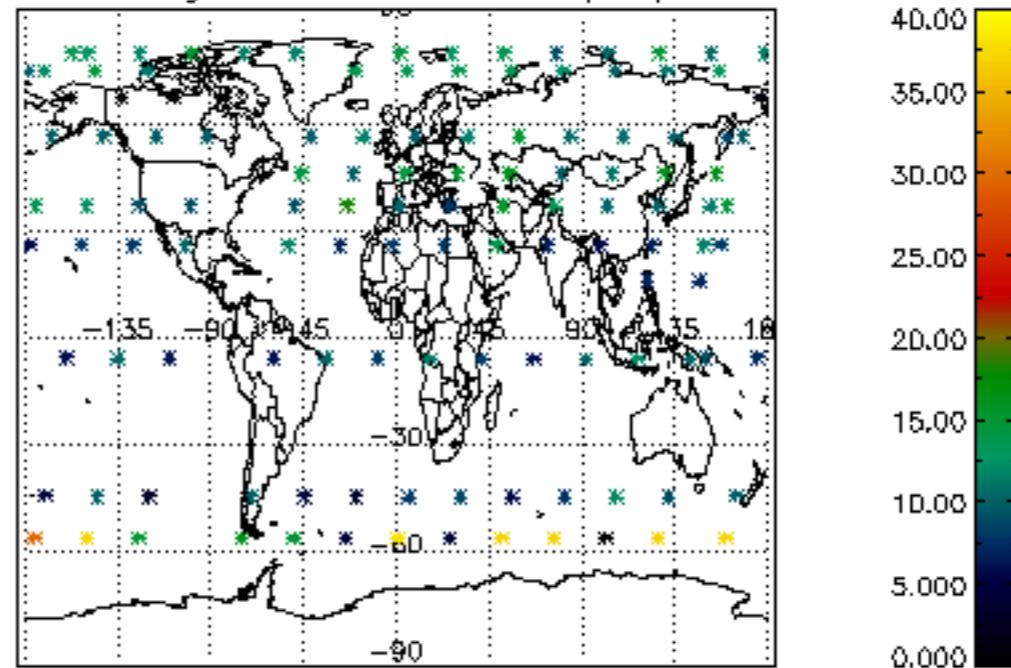
Percentage of datation errors per profile

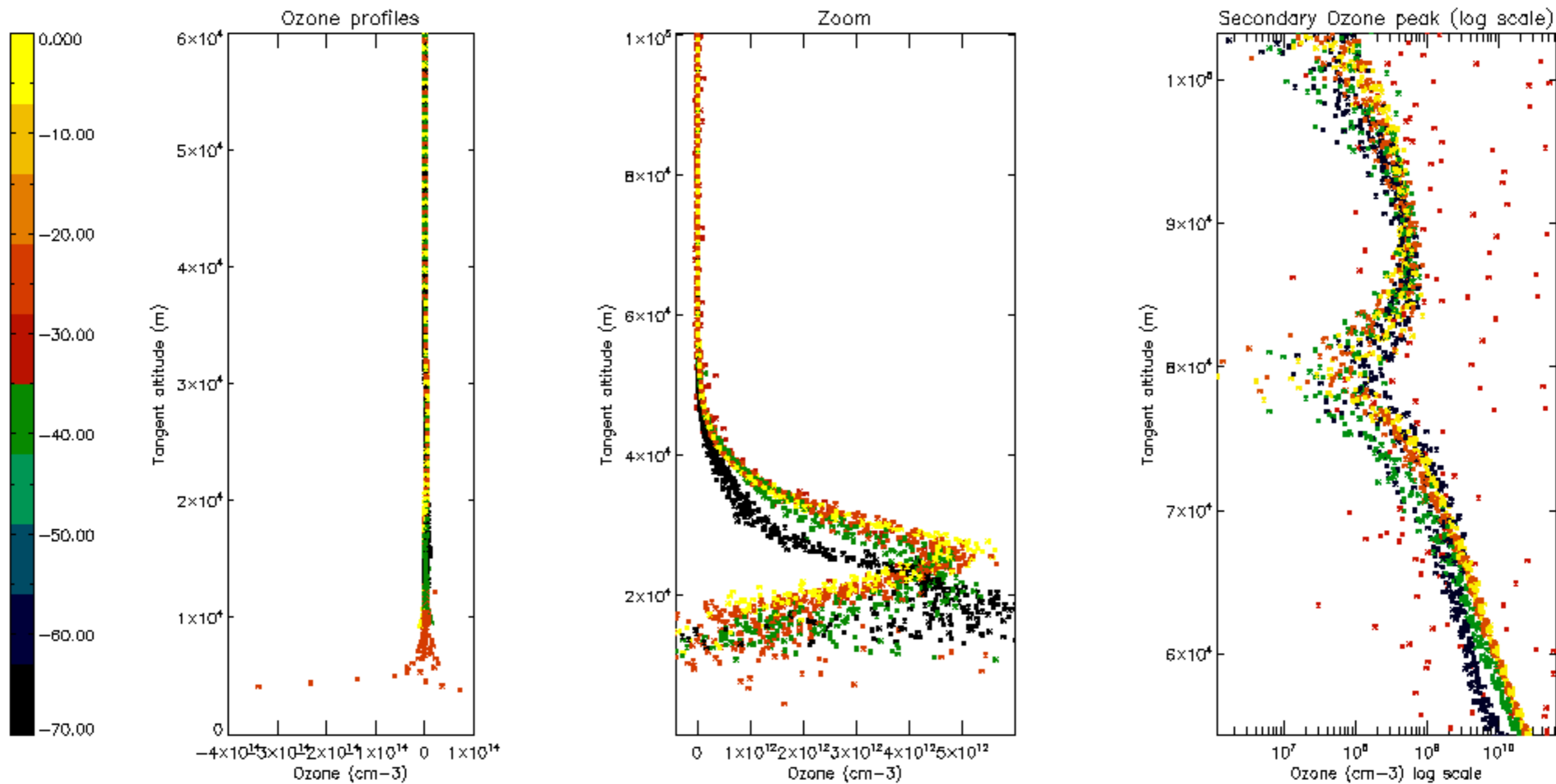


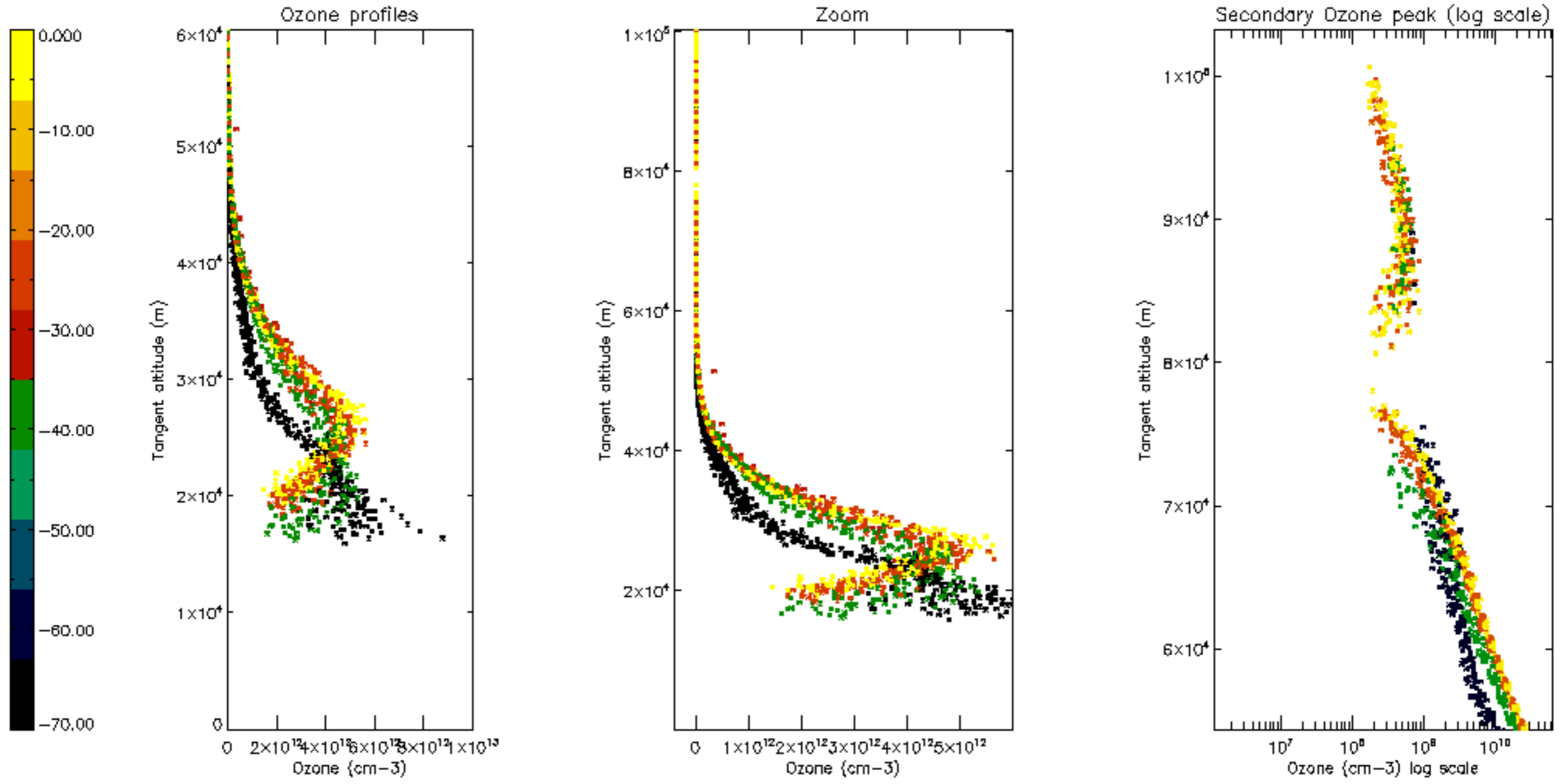
Percentage of star falling outside central band per profile

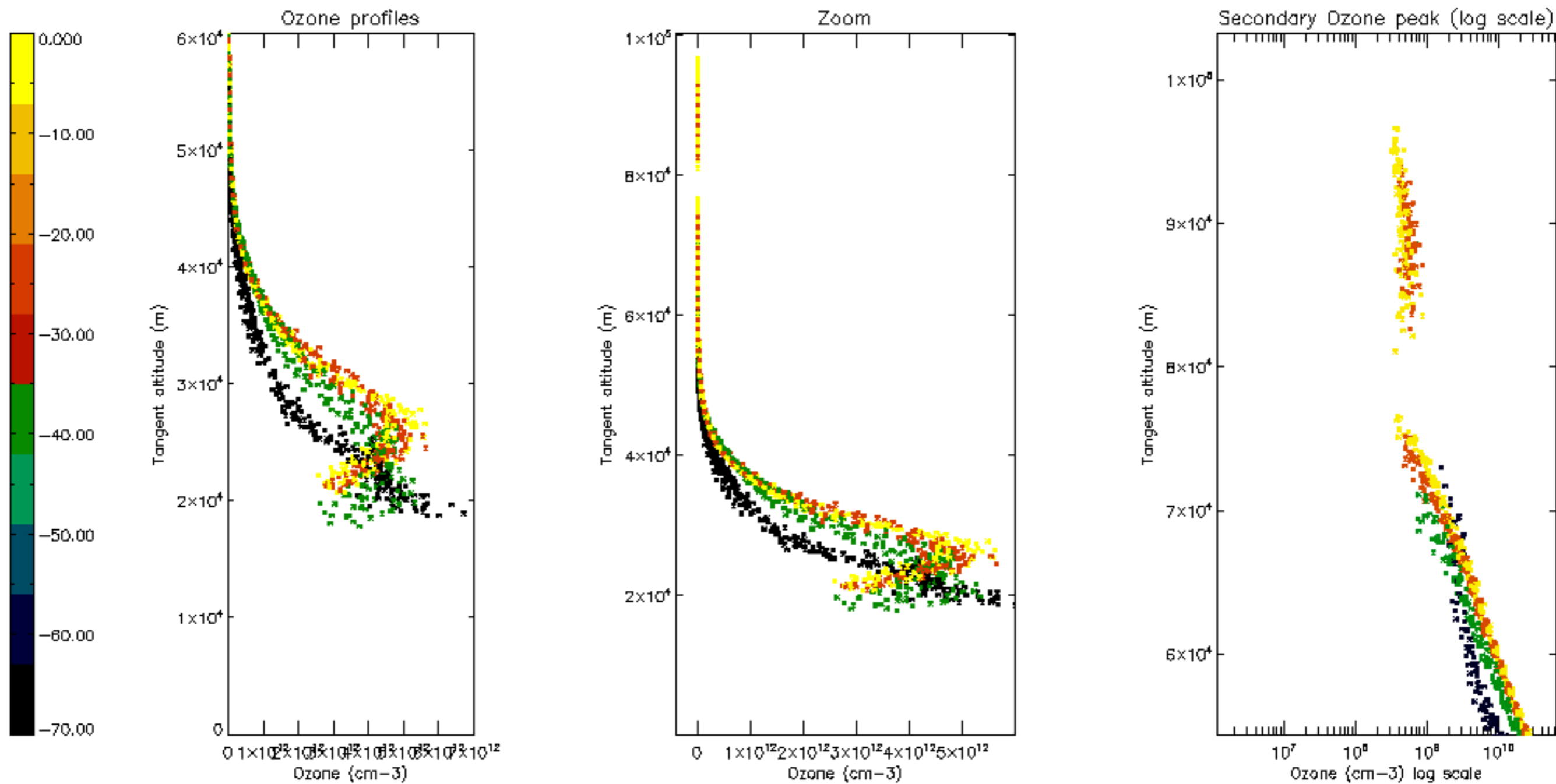


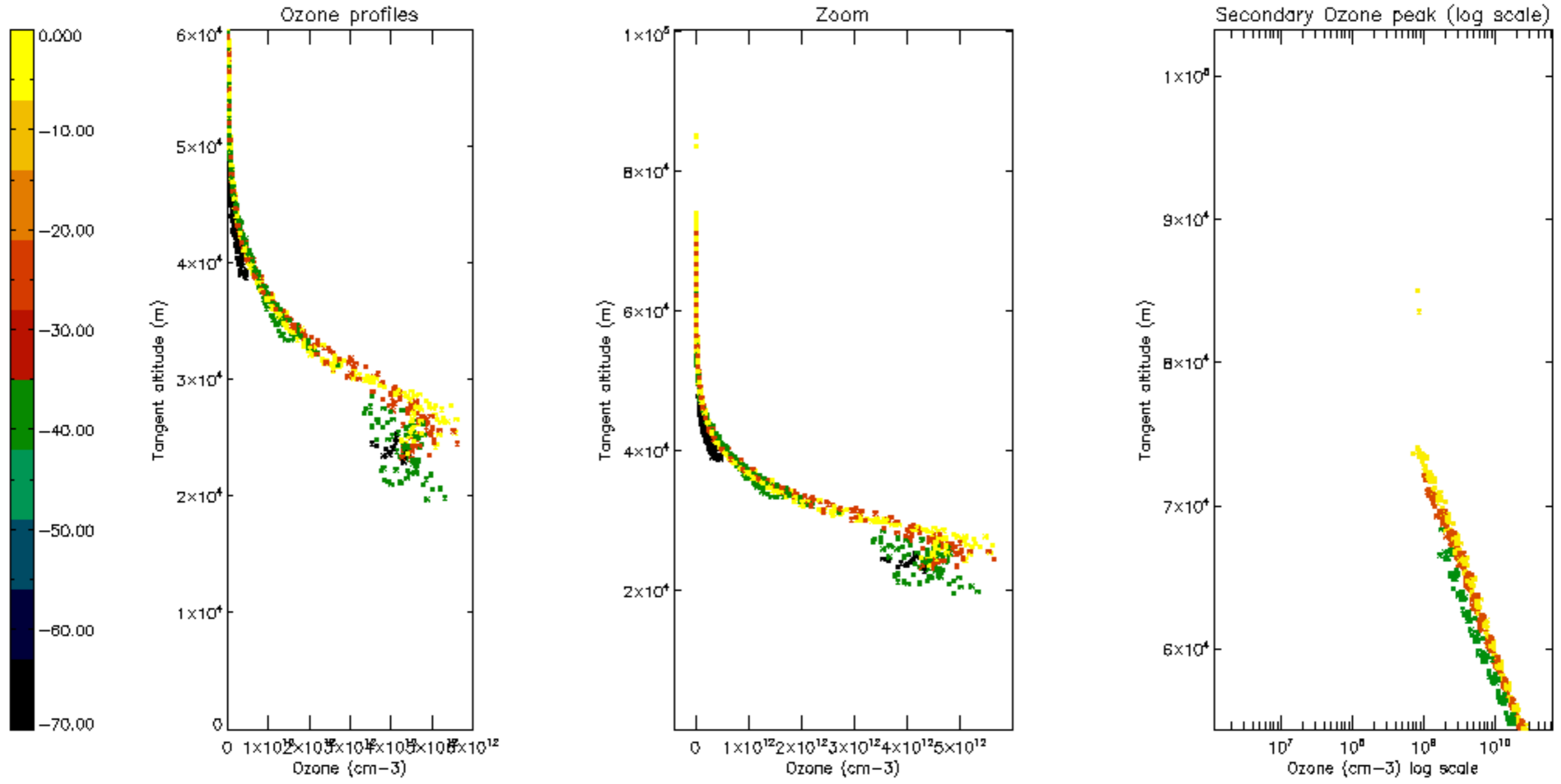
Percentage of saturation errors per profile



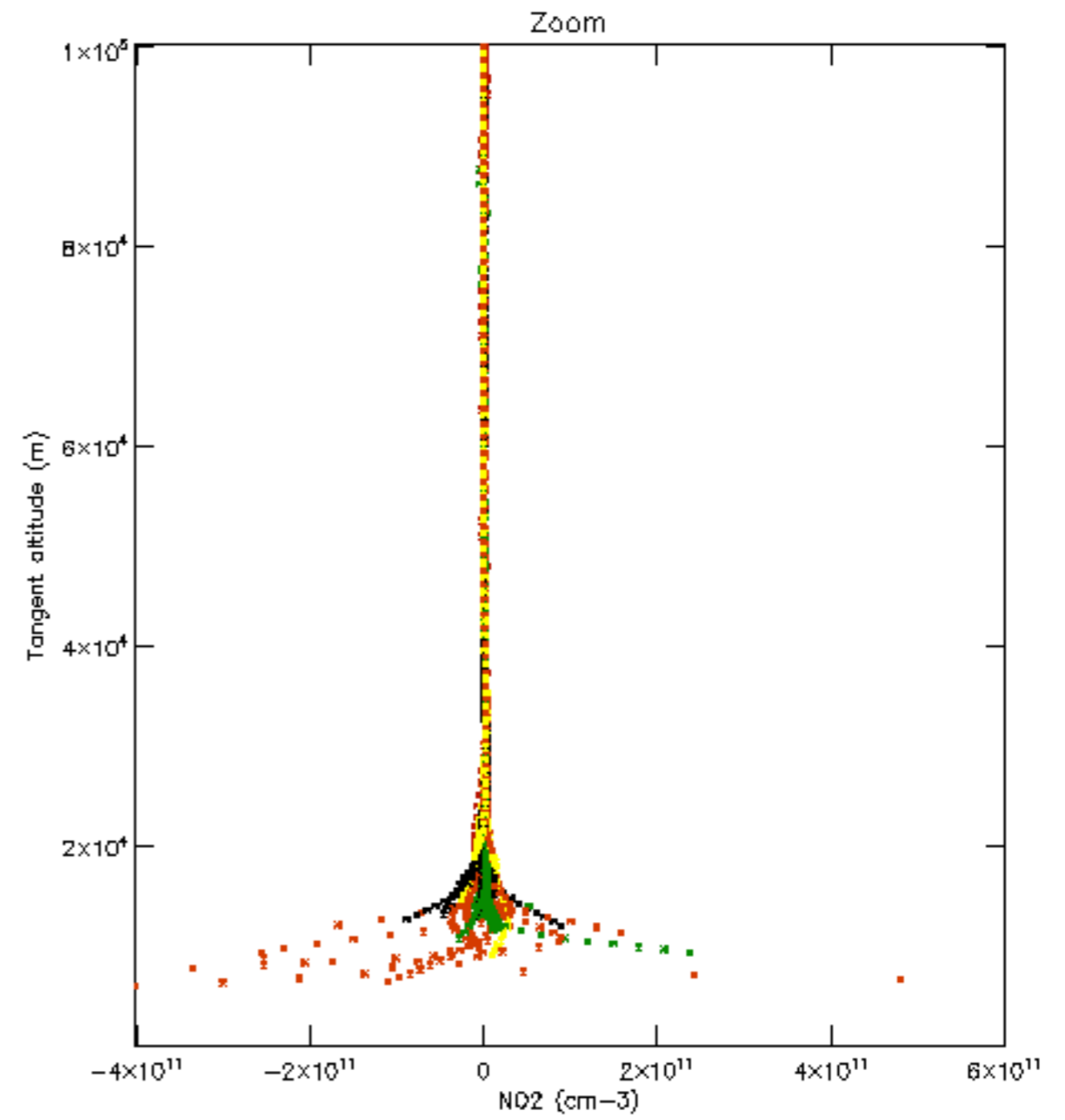
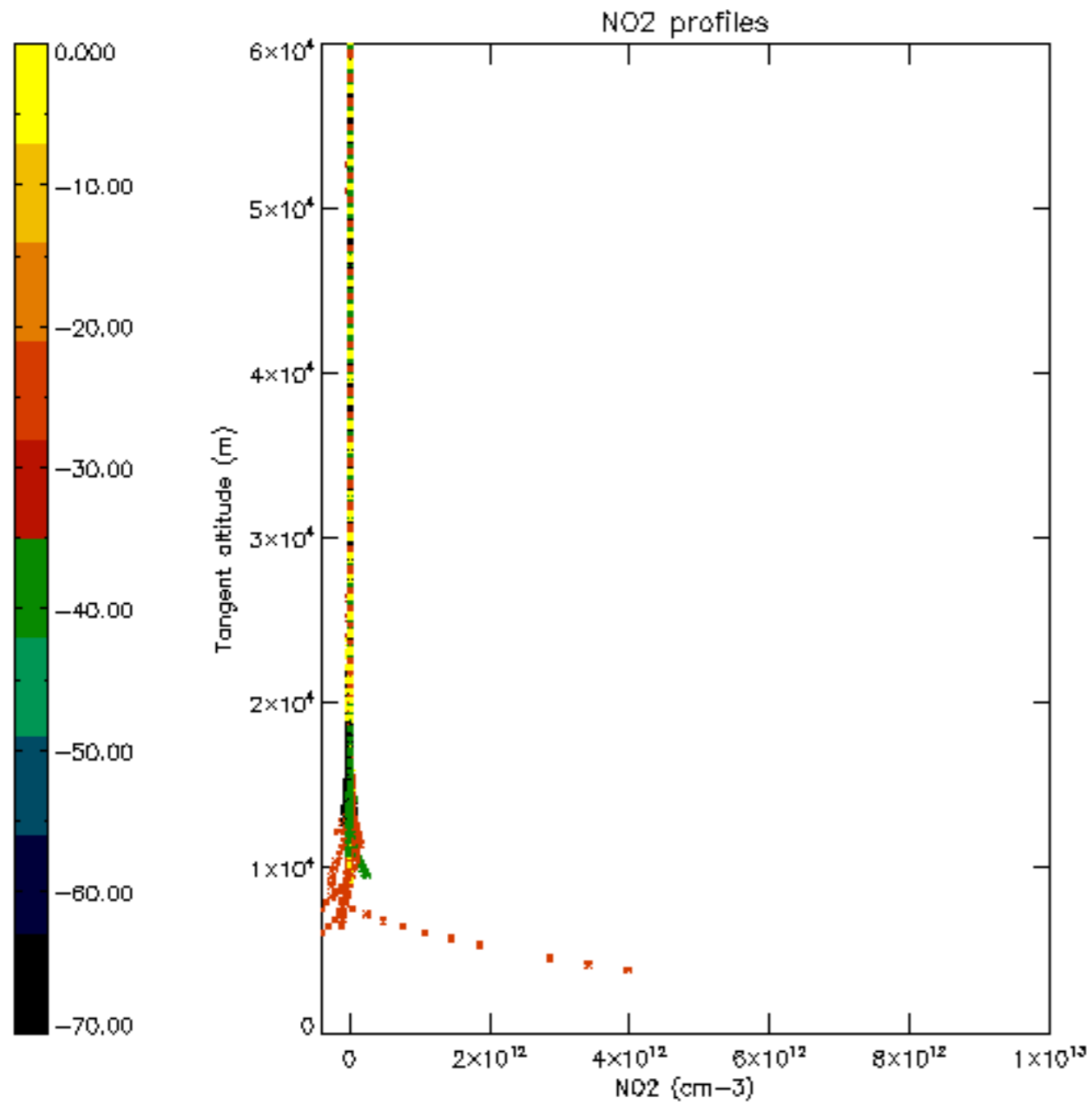


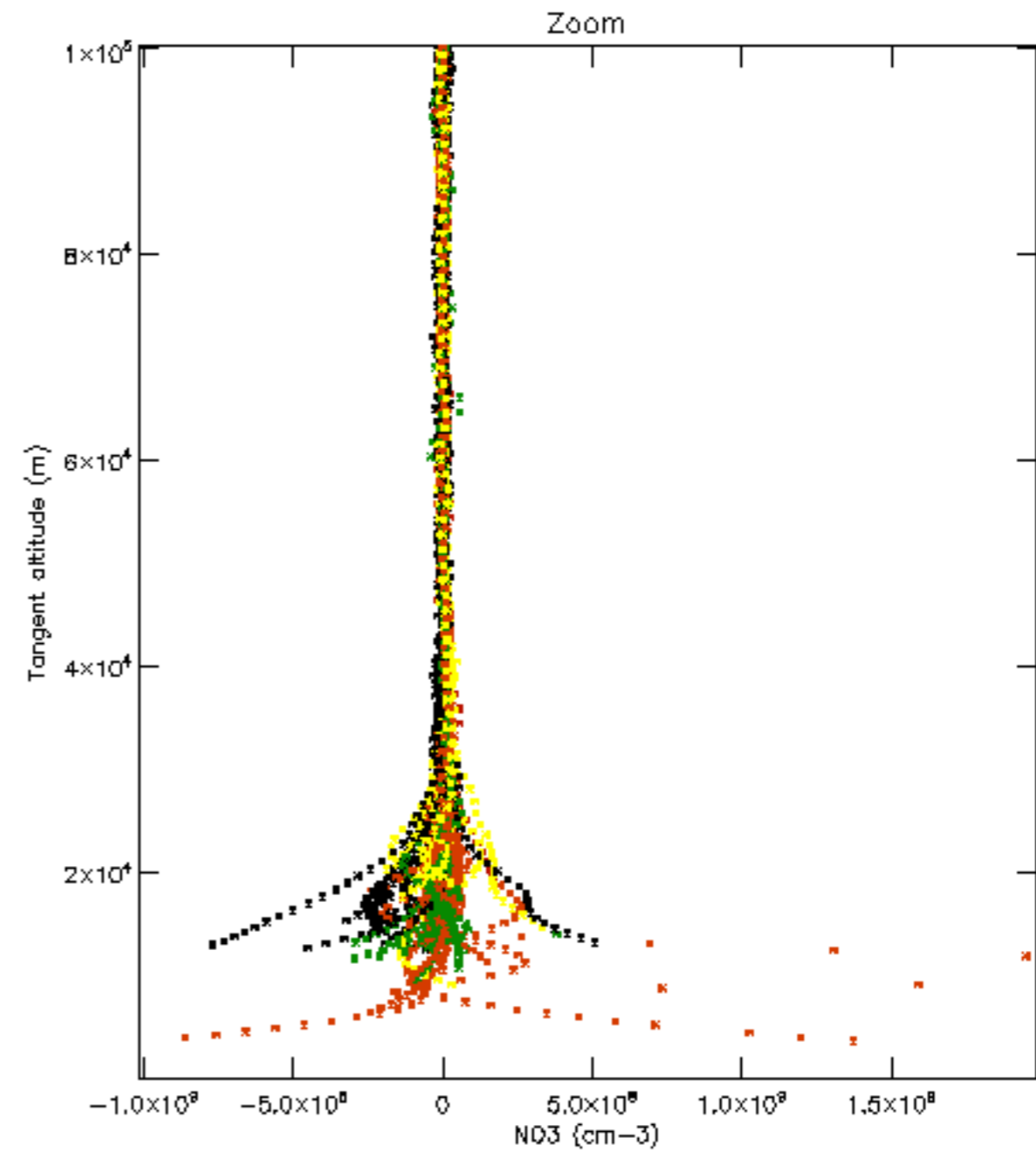
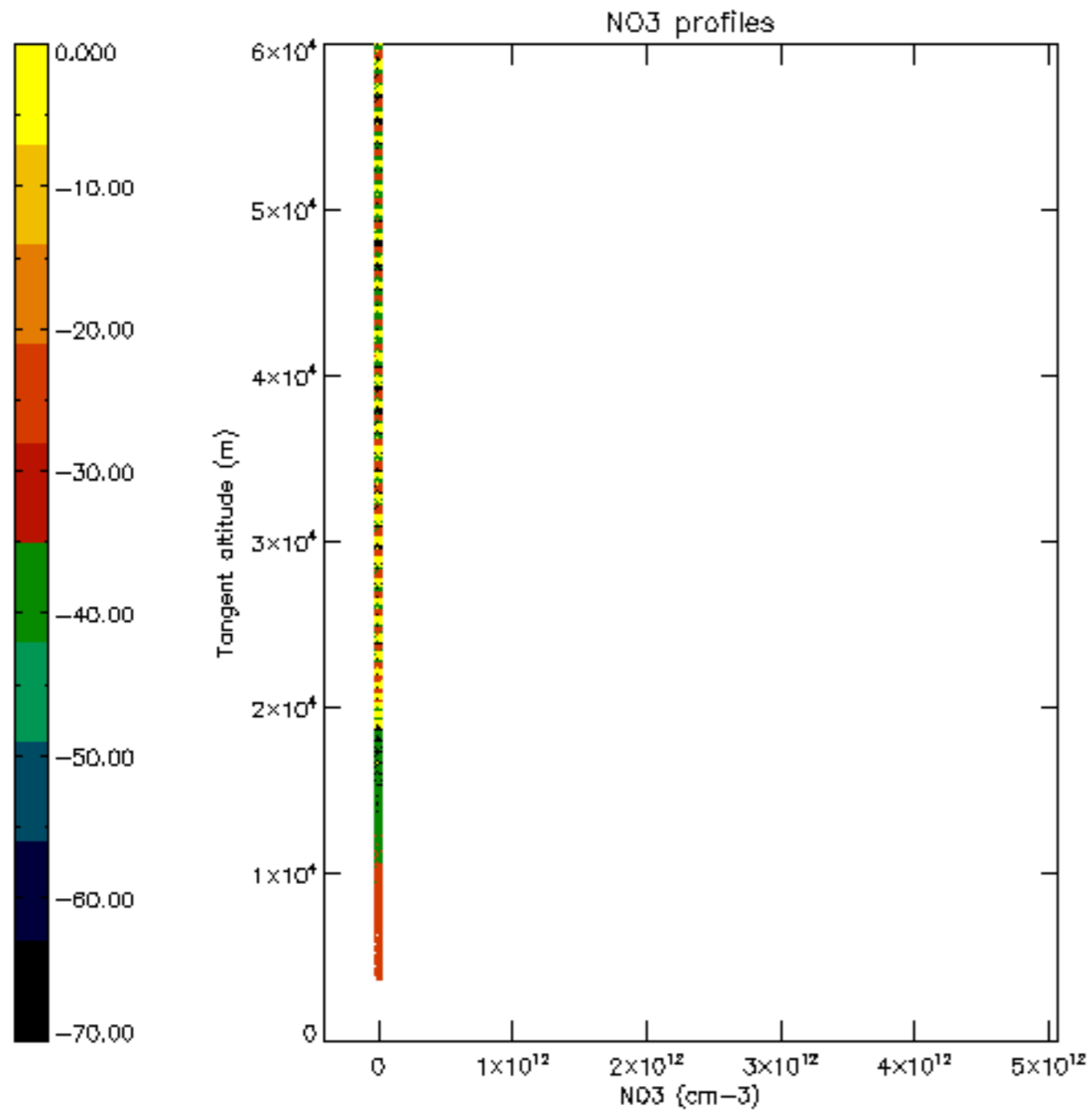


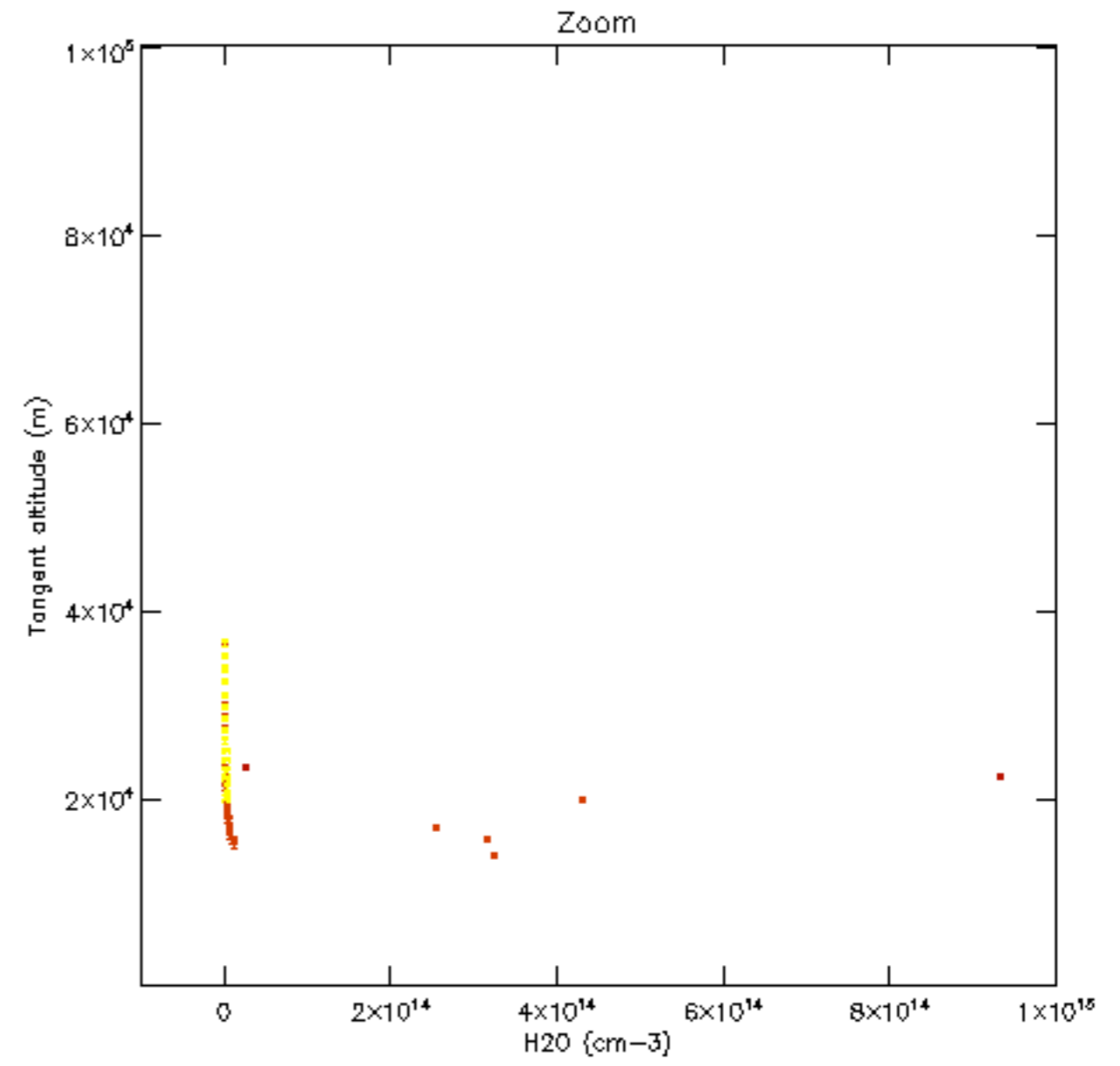
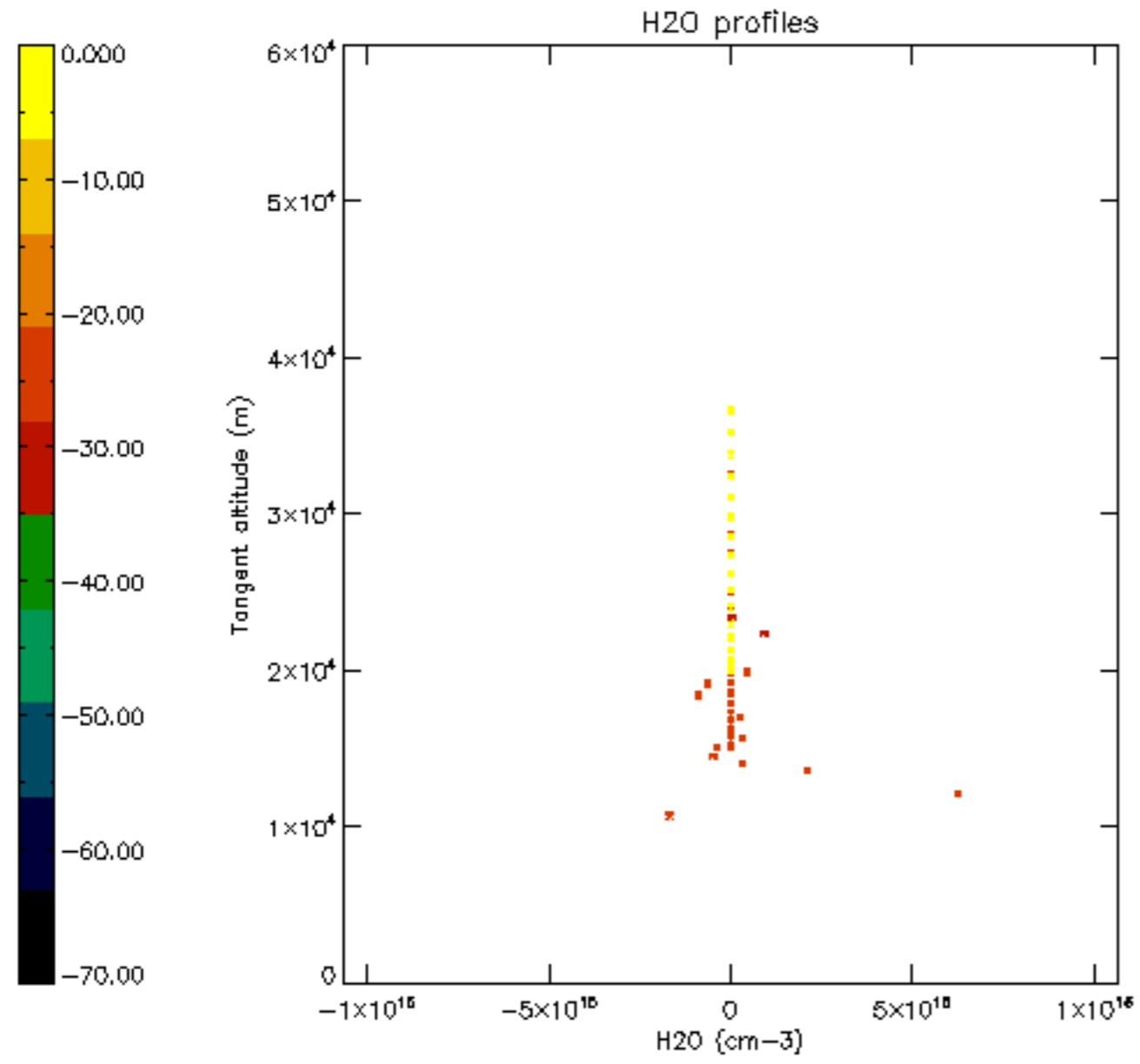


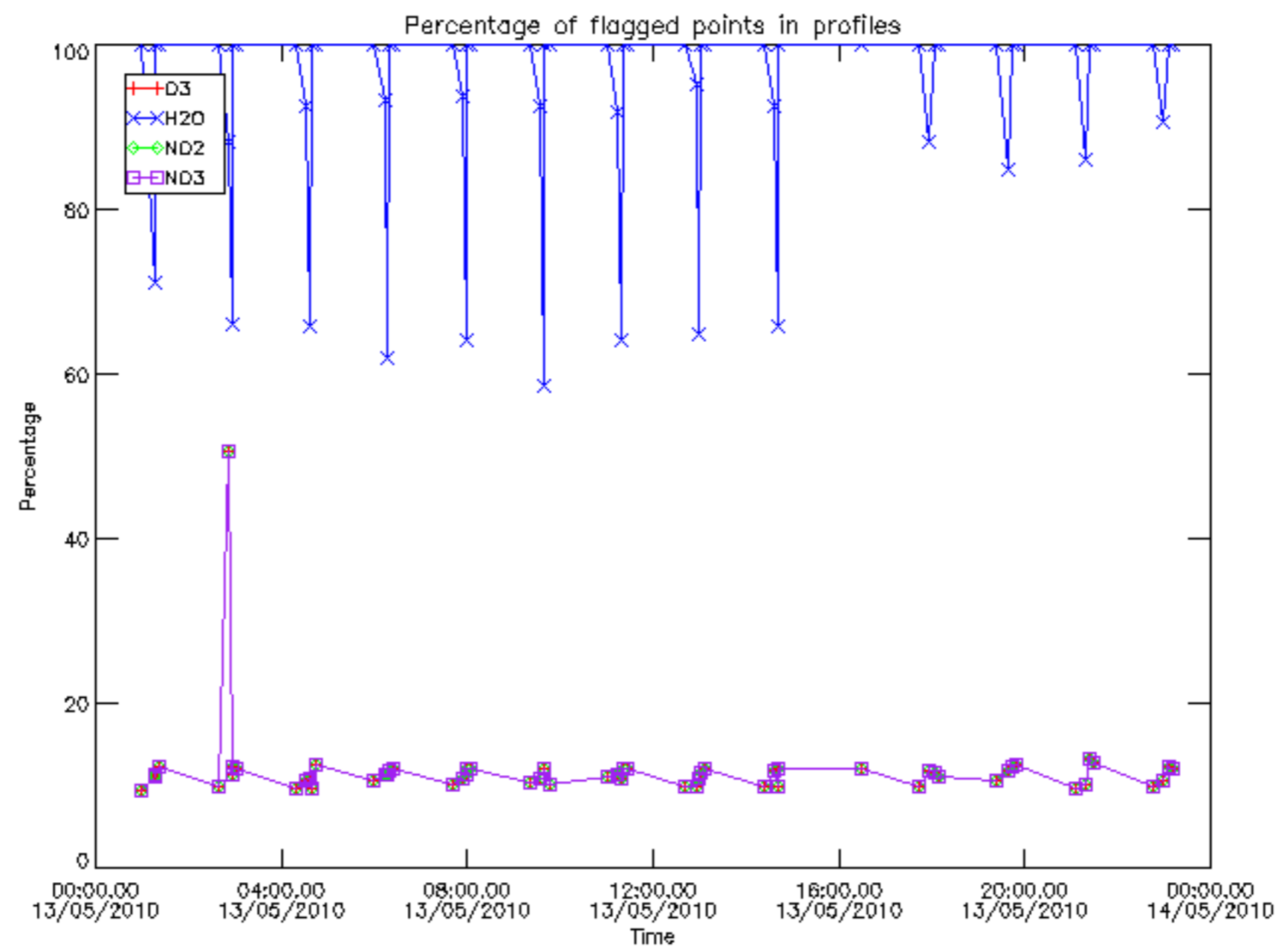




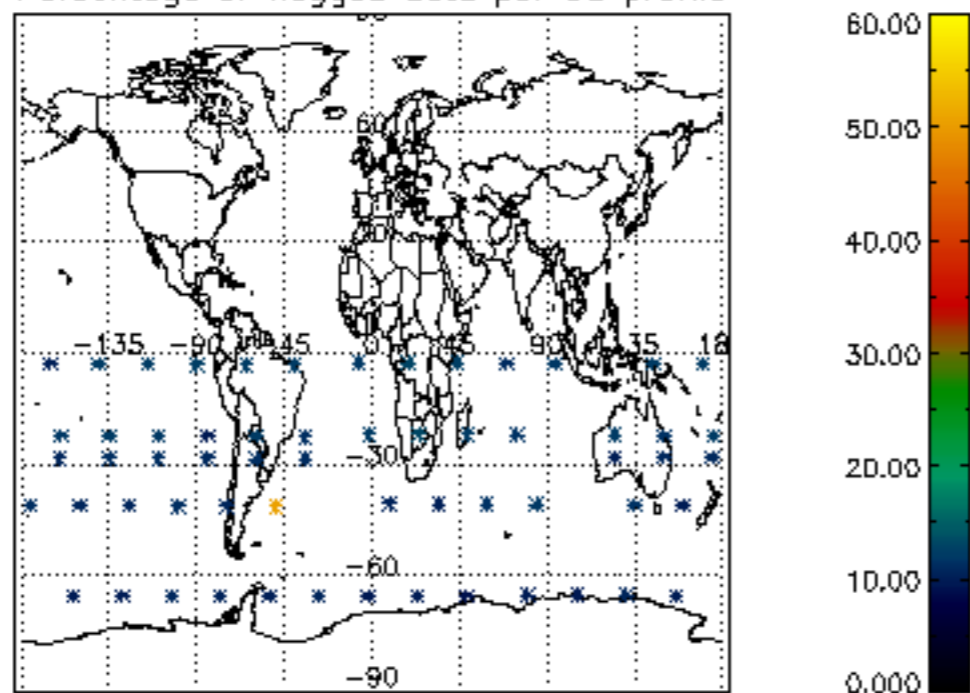




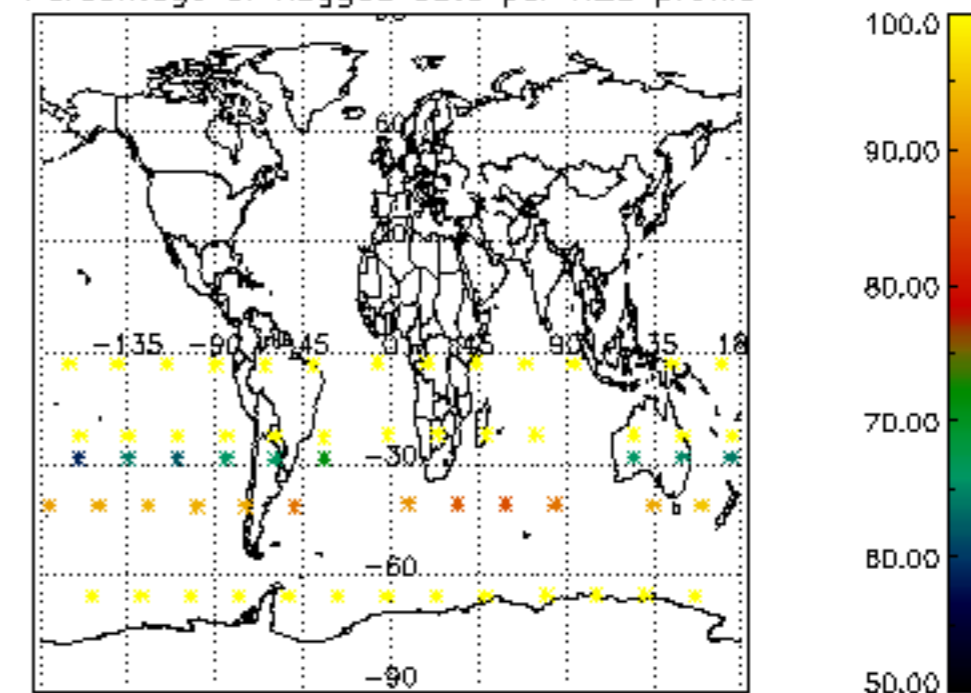




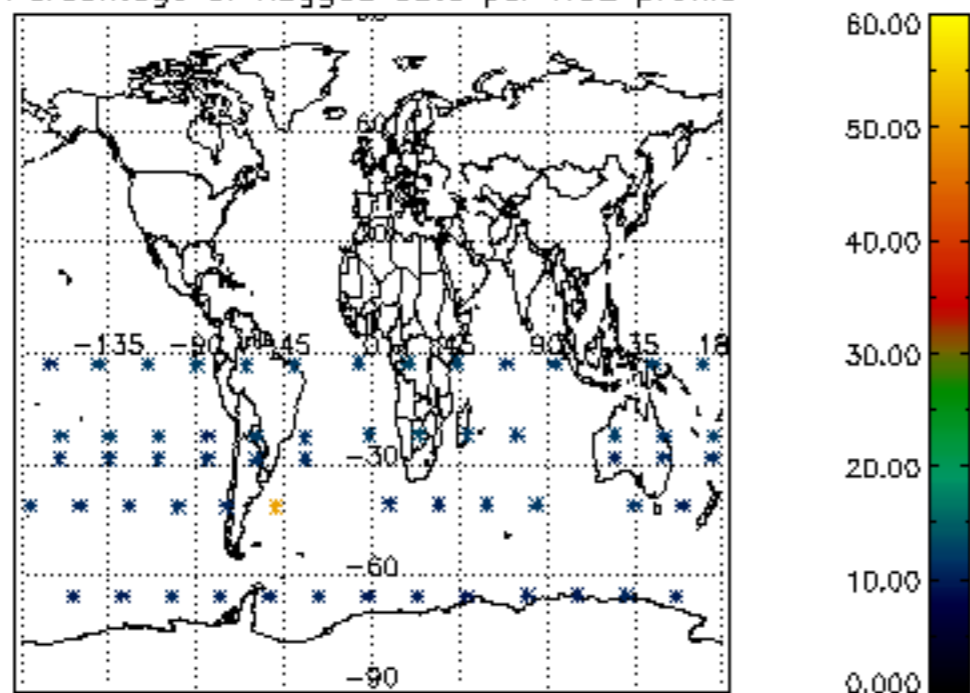
Percentage of flagged data per D3 profile



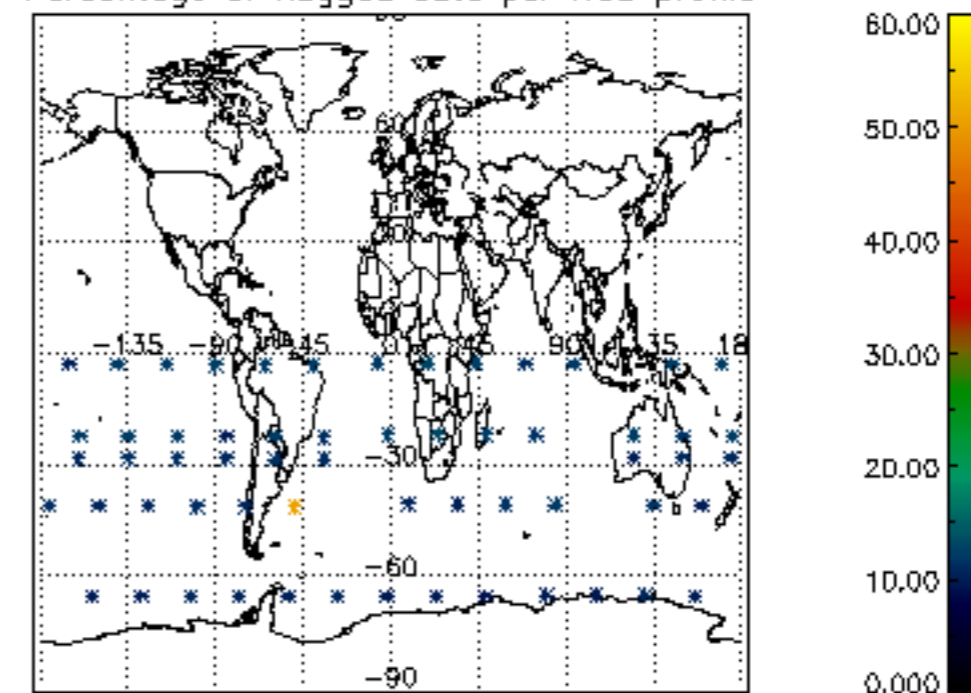
Percentage of flagged data per H2O profile

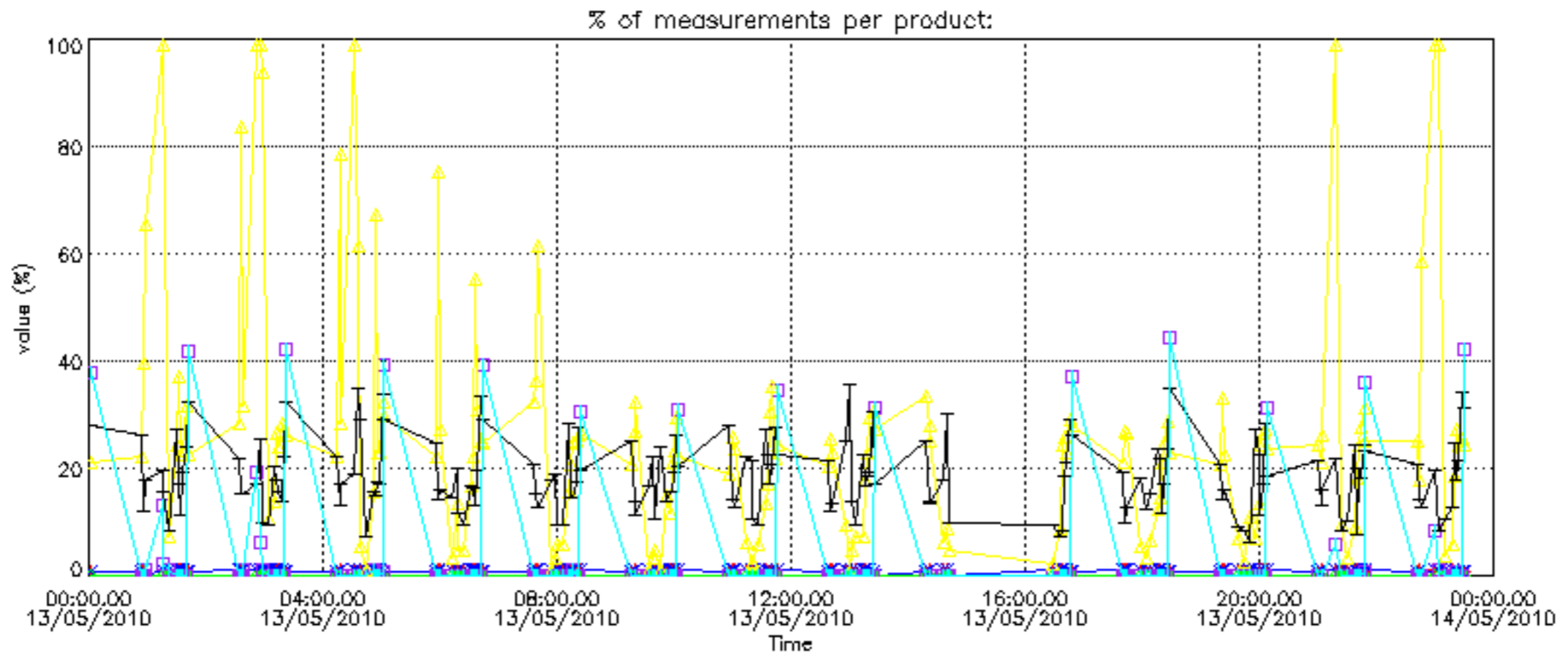


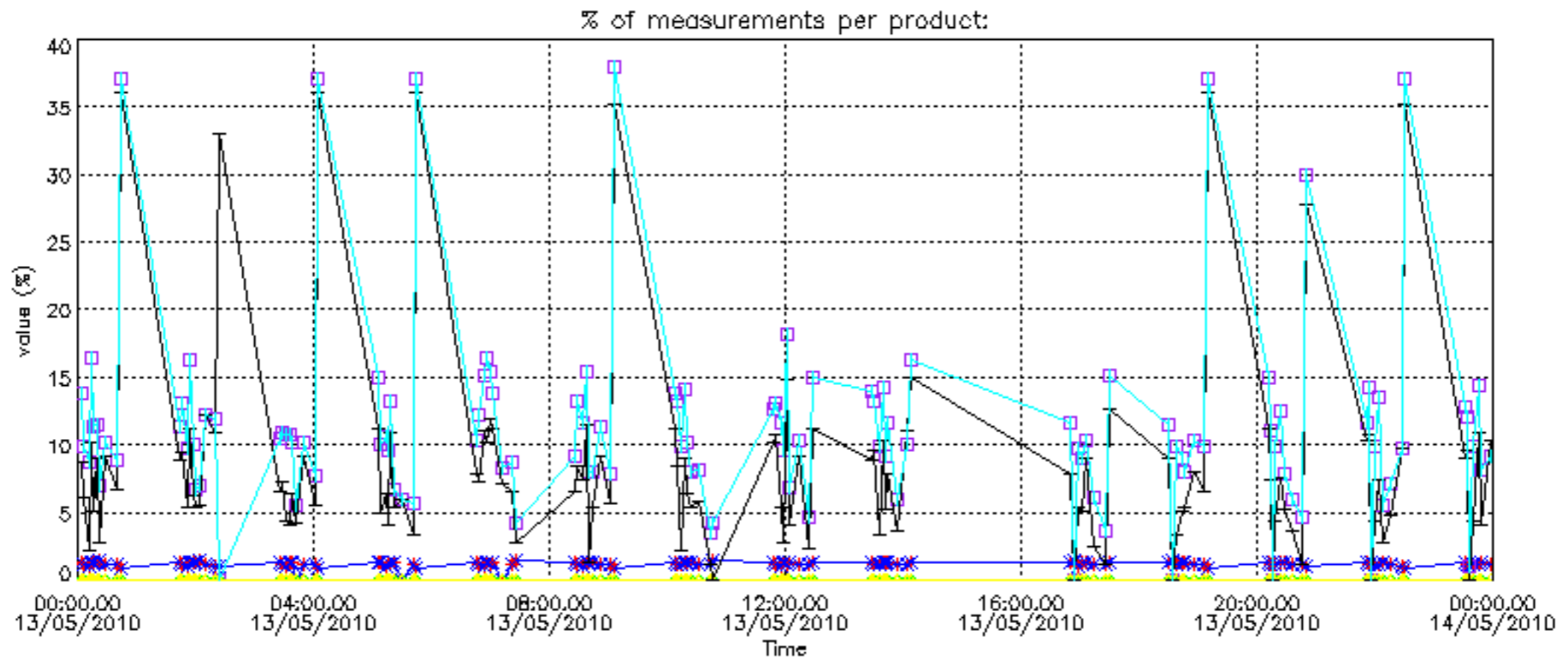
Percentage of flagged data per NO2 profile



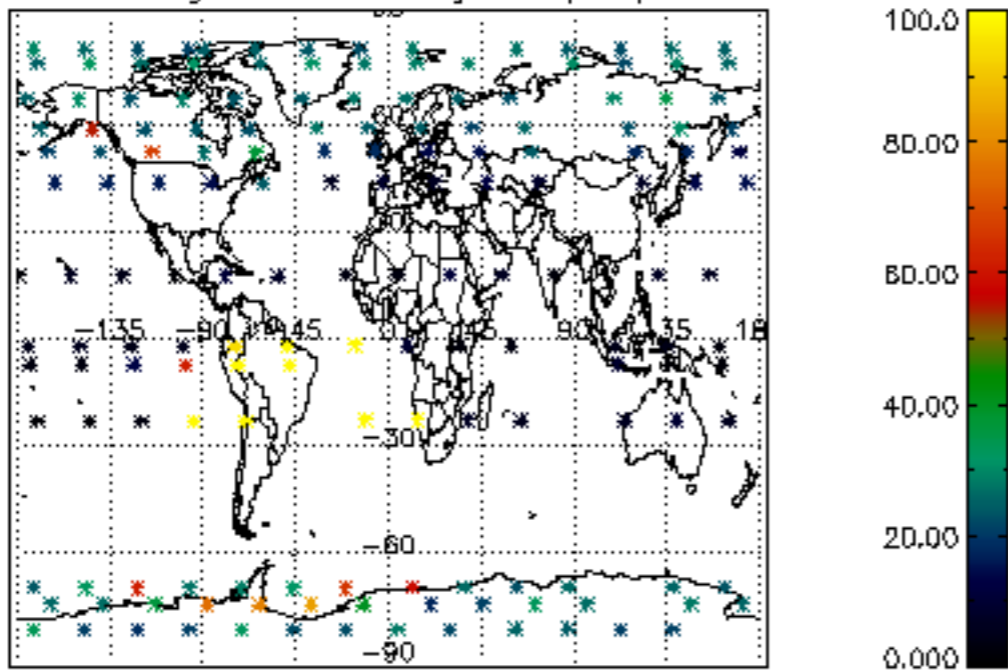
Percentage of flagged data per NO3 profile



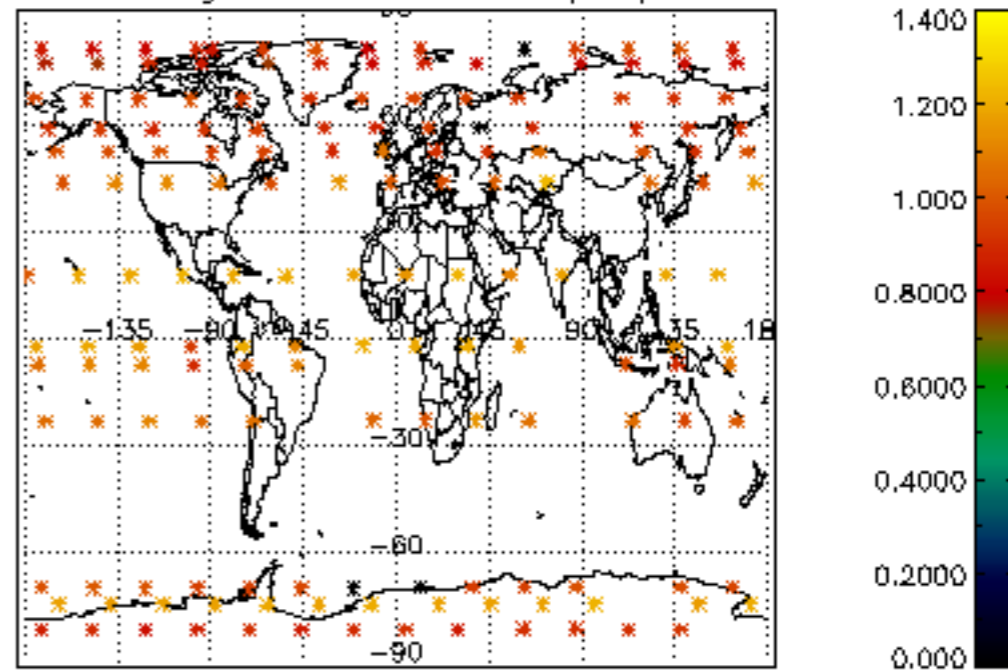




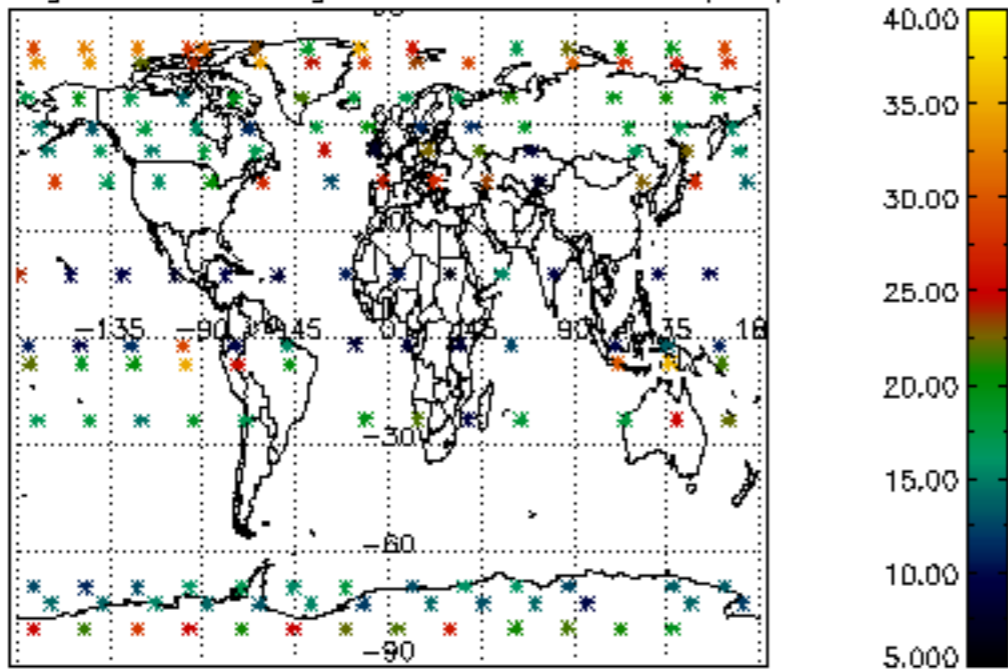
Percentage of cosmic ray hits per profile



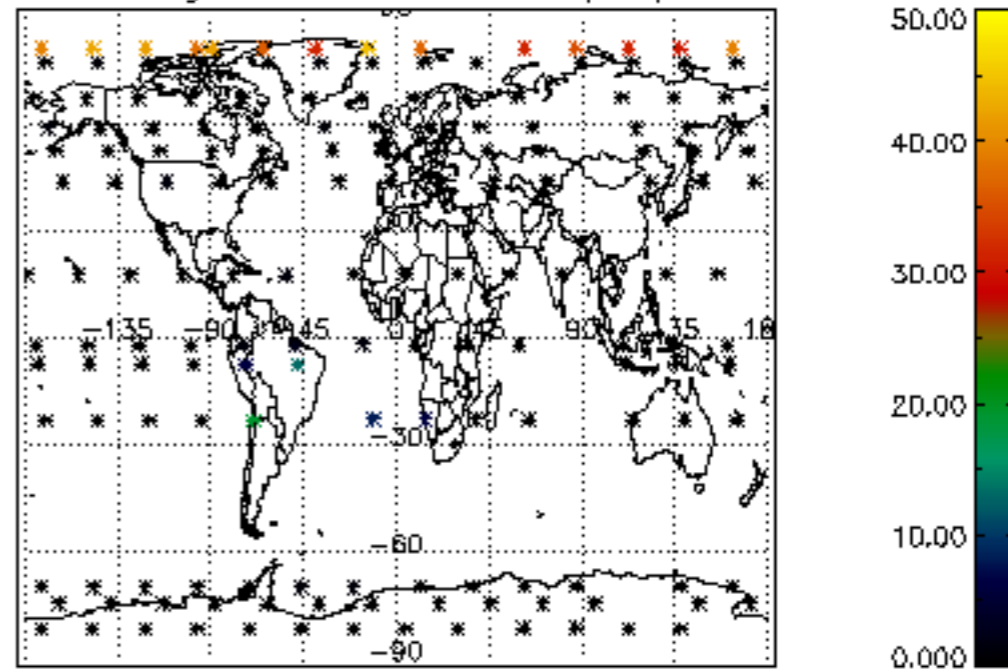
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

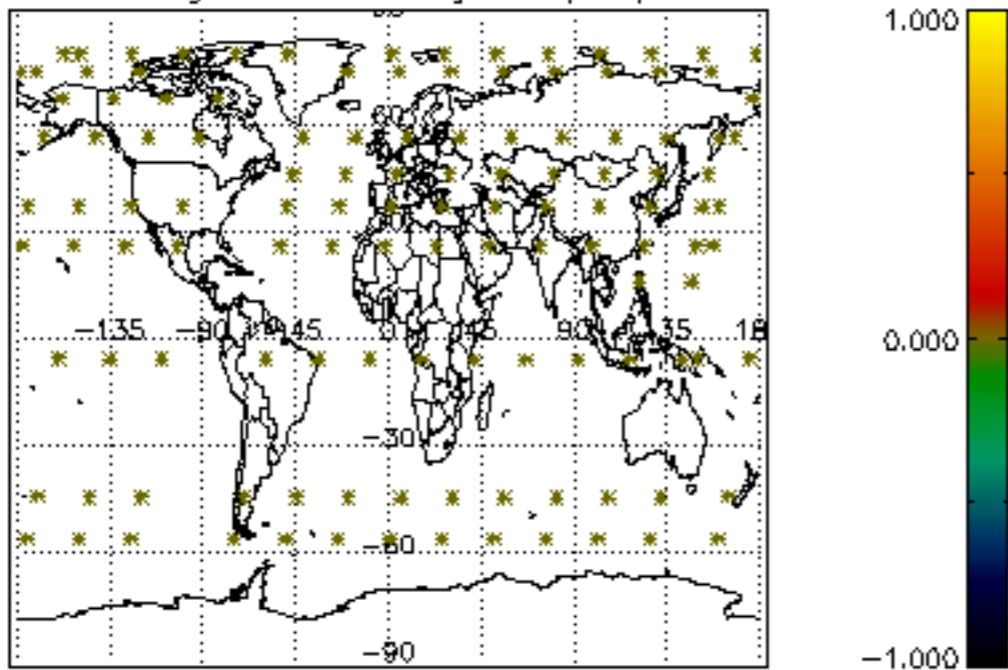


Percentage of saturation errors per profile

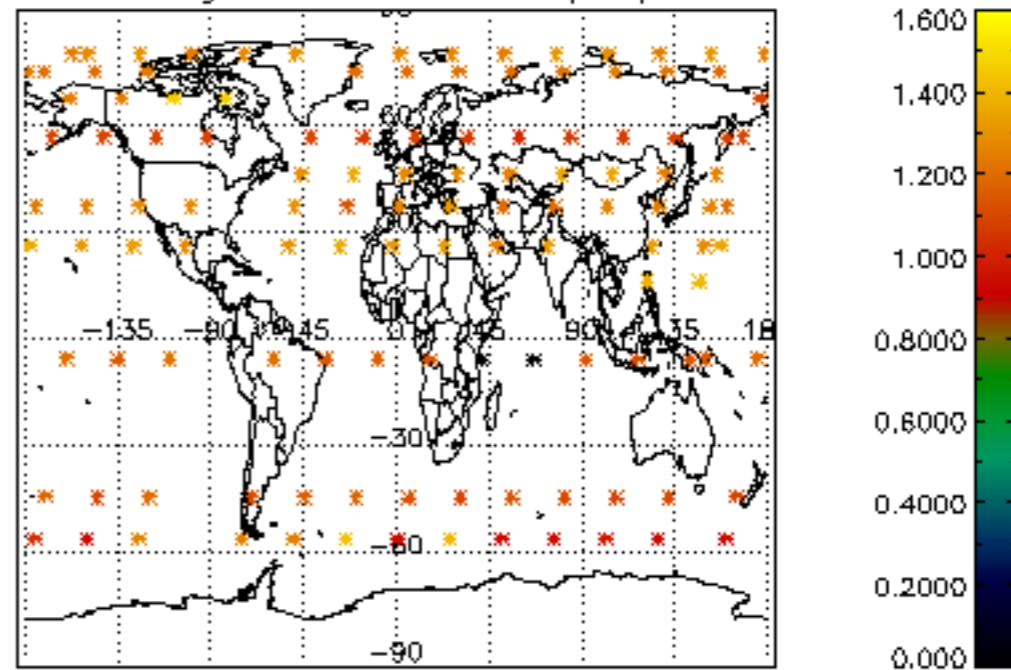




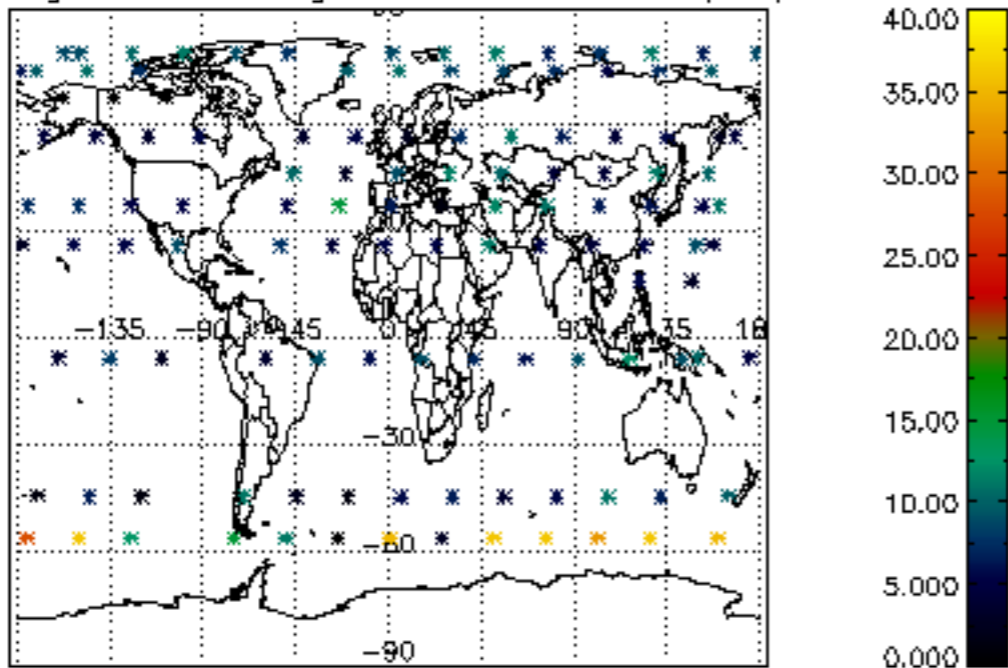
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

