

# 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 10:23:56
Data source version	GOMOS/6.01
Start time of products	04-05-2010 (04MAY2010 00:00:00)
Stop time of products	05-05-2010 (05MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	254
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__2PRFIN20100504_000024_000000422089_00102_42741_7709.N1	04-MAY-2010 00:00:24	Bright	41.500	83		2.3780	11000.	83	42741	No
2	GOM_NL__2PRFIN20100504_000327_000000412089_00102_42741_7710.N1	04-MAY-2010 00:03:27	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42741	No
3	GOM_NL__2PRFIN20100504_001254_000000432089_00102_42741_7711.N1	04-MAY-2010 00:12:54	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42741	No
4	GOM_NL__2PRFIN20100504_002324_000000442089_00102_42741_7712.N1	04-MAY-2010 00:23:24	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42741	No
5	GOM_NL__2PRFIN20100504_003532_000000522089_00102_42741_7713.N1	04-MAY-2010 00:35:32	Bright	52.000	93	53Bet Peg	2.5200	3100.0	104	42741	No
6	GOM_NL__2PRFIN20100504_003935_000000482089_00102_42741_7714.N1	04-MAY-2010 00:39:35	Twilight	48.000	90	54Alp Peg	2.4870	11000.	96	42741	No
7	GOM_NL__2PRFIN20100504_004416_000000702089_00102_42741_7715.N1	04-MAY-2010 00:44:16	Dark	70.000	61	8Eps Peg	2.1000	3900.0	140	42741	No
8	GOM_NL__2PRFIN20100504_004640_000000562089_00102_42741_7716.N1	04-MAY-2010 00:46:40	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	42741	No
9	GOM_NL__2PRFIN20100504_005042_000000652089_00102_42741_7717.N1	04-MAY-2010 00:50:42	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	42741	No
10	GOM_NL__2PRFIN20100504_011246_000000692089_00103_42742_7711.N1	04-MAY-2010 01:12:46	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	42742	No
11	GOM_NL__2PRFIN20100504_011514_000000572089_00103_42742_7712.N1	04-MAY-2010 01:15:14	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42742	No
12	GOM_NL__2PRFIN20100504_011812_000000582089_00103_42742_7713.N1	04-MAY-2010 01:18:12	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	42742	No
13	GOM_NL__2PRFIN20100504_012149_000000662089_00103_42742_7714.N1	04-MAY-2010 01:21:49	Twilight	65.500	16	21Alp Sco	1.0200	3000.0	131	42742	No
14	GOM_NL__2PRFIN20100504_012356_000000572089_00103_42742_7715.N1	04-MAY-2010 01:23:56	Twilight	56.500	80	7Del Sco	2.3160	30000.	113	42742	No
15	GOM_NL__2PRFIN20100504_012658_000000432089_00103_42742_7716.N1	04-MAY-2010 01:26:58	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	42742	No
16	GOM_NL__2PRFIN20100504_012910_000000472089_00103_42742_7717.N1	04-MAY-2010 01:29:10	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42742	No
17	GOM_NL__2PRFIN20100504_013758_000000412089_00103_42742_7718.N1	04-MAY-2010 01:37:58	Bright	41.000	3	16Alp Boo	-0.050000	4250.0	82	42742	No
18	GOM_NL__2PRFIN20100504_014100_000000462089_00103_42742_7719.N1	04-MAY-2010 01:41:00	Bright	46.000	83		2.3780	11000.	92	42742	No
19	GOM_NL__2PRFIN20100504_014402_000000392089_00103_42742_7720.N1	04-MAY-2010 01:44:02	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42742	No
20	GOM_NL__2PRFIN20100504_015329_000000442089_00103_42742_7721.N1	04-MAY-2010 01:53:29	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42742	No
21	GOM_NL__2PRFIN20100504_020359_000000442089_00103_42742_7722.N1	04-MAY-2010 02:03:59	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42742	No
22	GOM_NL__2PRFIN20100504_021608_000000562089_00103_42742_7723.N1	04-MAY-2010 02:16:08	Bright	56.000	93	53Bet Peg	2.5200	3100.0	112	42742	No
23	GOM_NL__2PRFIN20100504_022012_000000472089_00103_42742_7724.N1	04-MAY-2010 02:20:12	Twilight	46.500	90	54Alp Peg	2.4870	11000.	93	42742	No
24	GOM_NL__2PRFIN20100504_022453_000000702089_00103_42742_7725.N1	04-MAY-2010 02:24:53	Dark	70.000	61	8Eps Peg	2.1000	3900.0	140	42742	No
25	GOM_NL__2PRFIN20100504_022717_000000582089_00103_42742_7726.N1	04-MAY-2010 02:27:17	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	42742	No
26	GOM_NL__2PRFIN20100504_023119_000000622089_00103_42742_7727.N1	04-MAY-2010 02:31:19	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	42742	No
27	GOM_NL__2PRFIN20100504_023733_000000432089_00103_42742_7728.N1	04-MAY-2010 02:37:33	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42742	No
28	GOM_NL__2PRFIN20100504_025323_000000652089_00104_42743_7739.N1	04-MAY-2010 02:53:23	Straylight	64.500	38	20Eps Sgr	1.8360	11000.	129	42743	No
29	GOM_NL__2PRFIN20100504_025551_000000562089_00104_42743_7740.N1	04-MAY-2010 02:55:51	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42743	No
30	GOM_NL__2PRFIN20100504_025849_000000542089_00104_42743_7741.N1	04-MAY-2010 02:58:49	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	42743	No
31	GOM_NL__2PRFIN20100504_030225_000000672089_00104_42743_7742.N1	04-MAY-2010 03:02:25	Twilight	66.500	16	21Alp Sco	1.0200	3000.0	133	42743	No
32	GOM_NL__2PRFIN20100504_030432_000000602089_00104_42743_7743.N1	04-MAY-2010 03:04:32	Twilight	59.500	80	7Del Sco	2.3160	30000.	119	42743	No
33	GOM_NL__2PRFIN20100504_030735_000000442089_00104_42743_7744.N1	04-MAY-2010 03:07:35	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42743	No
34	GOM_NL__2PRFIN20100504_030946_000000492089_00104_42743_7745.N1	04-MAY-2010 03:09:46	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42743	No
35	GOM_NL__2PRFIN20100504_031834_000000412089_00104_42743_7746.N1	04-MAY-2010 03:18:34	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	42743	No
36	GOM_NL__2PRFIN20100504_032135_000000432089_00104_42743_7747.N1	04-MAY-2010 03:21:35	Bright	42.500	83		2.3780	11000.	85	42743	No
37	GOM_NL__2PRFIN20100504_032438_000000402089_00104_42743_7748.N1	04-MAY-2010 03:24:38	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	42743	No
38	GOM_NL__2PRFIN20100504_033405_000000442089_00104_42743_7749.N1	04-MAY-2010 03:34:05	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42743	No
39	GOM_NL__2PRFIN20100504_034435_000000412089_00104_42743_7750.N1	04-MAY-2010 03:44:35	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42743	No
40	GOM_NL__2PRFIN20100504_035644_000000532089_00104_42743_7751.N1	04-MAY-2010 03:56:44	Bright	53.000	93	53Bet Peg	2.5200	3100.0	106	42743	No
41	GOM_NL__2PRFIN20100504_040048_000000462089_00104_42743_7752.N1	04-MAY-2010 04:00:48	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42743	No
42	GOM_NL__2PRFIN20100504_040530_000000752089_00104_42743_7753.N1	04-MAY-2010 04:05:30	Dark	74.500	61	8Eps Peg	2.1000	3900.0	149	42743	No

43	GOM_NL__2PRFIN20100504_040754_000000572089_00104_42743_7754.N1	04-MAY-2010 04:07:54	Dark	57.000	162	34Alp Aqr	2.9440	5350.0	114	42743	No
44	GOM_NL__2PRFIN20100504_041157_000000662089_00104_42743_7755.N1	04-MAY-2010 04:11:57	Dark	65.500	154	22Bet Aqr	2.8990	5700.0	131	42743	No
45	GOM_NL__2PRFIN20100504_043400_000000632089_00105_42744_7747.N1	04-MAY-2010 04:34:00	Straylight	63.000	38	20Eps Sgr	1.8360	11000.	126	42744	No
46	GOM_NL__2PRFIN20100504_043628_000000562089_00105_42744_7748.N1	04-MAY-2010 04:36:28	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	42744	No
47	GOM_NL__2PRFIN20100504_043926_000000592089_00105_42744_7749.N1	04-MAY-2010 04:39:26	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42744	No
48	GOM_NL__2PRFIN20100504_044302_000000762089_00105_42744_7750.N1	04-MAY-2010 04:43:02	Twilight	76.000	16	21Alp Sco	1.0200	3000.0	152	42744	No
49	GOM_NL__2PRFIN20100504_044509_000000572089_00105_42744_7751.N1	04-MAY-2010 04:45:09	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42744	No
50	GOM_NL__2PRFIN20100504_044811_000000462089_00105_42744_7752.N1	04-MAY-2010 04:48:11	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42744	No
51	GOM_NL__2PRFIN20100504_045022_000000472089_00105_42744_7753.N1	04-MAY-2010 04:50:22	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42744	No
52	GOM_NL__2PRFIN20100504_045910_000000402089_00105_42744_7754.N1	04-MAY-2010 04:59:10	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	42744	No
53	GOM_NL__2PRFIN20100504_050211_000000462089_00105_42744_7755.N1	04-MAY-2010 05:02:11	Bright	46.000	83		2.3780	11000.	92	42744	No
54	GOM_NL__2PRFIN20100504_050514_000000422089_00105_42744_7756.N1	04-MAY-2010 05:05:14	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	42744	No
55	GOM_NL__2PRFIN20100504_051440_000000442089_00105_42744_7757.N1	04-MAY-2010 05:14:40	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42744	No
56	GOM_NL__2PRFIN20100504_052511_000000442089_00105_42744_7758.N1	04-MAY-2010 05:25:11	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42744	No
57	GOM_NL__2PRFIN20100504_053720_000000512089_00105_42744_7759.N1	04-MAY-2010 05:37:20	Bright	50.500	93	53Bet Peg	2.5200	3100.0	101	42744	No
58	GOM_NL__2PRFIN20100504_054124_000000492089_00105_42744_7760.N1	04-MAY-2010 05:41:24	Twilight	48.500	90	54Alp Peg	2.4870	11000.	97	42744	No
59	GOM_NL__2PRFIN20100504_054607_000000722089_00105_42744_7761.N1	04-MAY-2010 05:46:07	Dark	72.000	61	8Eps Peg	2.1000	3900.0	144	42744	No
60	GOM_NL__2PRFIN20100504_054831_000000582089_00105_42744_7762.N1	04-MAY-2010 05:48:31	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	42744	No
61	GOM_NL__2PRFIN20100504_055234_000000662089_00105_42744_7763.N1	04-MAY-2010 05:52:34	Dark	66.000	154	22Bet Aqr	2.8990	5700.0	132	42744	No
62	GOM_NL__2PRFIN20100504_055846_000000422089_00105_42744_7764.N1	04-MAY-2010 05:58:46	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42744	No
63	GOM_NL__2PRFIN20100504_061438_000000642089_00106_42745_7755.N1	04-MAY-2010 06:14:38	Straylight	63.500	38	20Eps Sgr	1.8360	11000.	127	42745	No
64	GOM_NL__2PRFIN20100504_061705_000000612089_00106_42745_7756.N1	04-MAY-2010 06:17:05	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	42745	No
65	GOM_NL__2PRFIN20100504_062002_000000592089_00106_42745_7757.N1	04-MAY-2010 06:20:02	Straylight	58.500	75	26Eps Sco	2.2910	4250.0	117	42745	No
66	GOM_NL__2PRFIN20100504_062338_000000642089_00106_42745_7758.N1	04-MAY-2010 06:23:38	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	42745	No
67	GOM_NL__2PRFIN20100504_062545_000000572089_00106_42745_7759.N1	04-MAY-2010 06:25:45	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42745	No
68	GOM_NL__2PRFIN20100504_062847_000000442089_00106_42745_7760.N1	04-MAY-2010 06:28:47	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42745	No
69	GOM_NL__2PRFIN20100504_063058_000000472089_00106_42745_7761.N1	04-MAY-2010 06:30:58	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42745	No
70	GOM_NL__2PRFIN20100504_063945_000000422089_00106_42745_7762.N1	04-MAY-2010 06:39:45	Bright	41.500	3	16Alp Boo	-0.050000	4250.0	83	42745	No
71	GOM_NL__2PRFIN20100504_064246_000000432089_00106_42745_7763.N1	04-MAY-2010 06:42:46	Bright	42.500	83		2.3780	11000.	85	42745	No
72	GOM_NL__2PRFIN20100504_064549_000000412089_00106_42745_7764.N1	04-MAY-2010 06:45:49	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42745	No
73	GOM_NL__2PRFIN20100504_065515_000000432089_00106_42745_7765.N1	04-MAY-2010 06:55:15	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42745	No
74	GOM_NL__2PRFIN20100504_070546_000000422089_00106_42745_7766.N1	04-MAY-2010 07:05:46	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42745	No
75	GOM_NL__2PRFIN20100504_071756_000000472089_00106_42745_7767.N1	04-MAY-2010 07:17:56	Bright	46.500	93	53Bet Peg	2.5200	3100.0	93	42745	No
76	GOM_NL__2PRFIN20100504_072200_000000482089_00106_42745_7768.N1	04-MAY-2010 07:22:00	Twilight	48.000	90	54Alp Peg	2.4870	11000.	96	42745	No
77	GOM_NL__2PRFIN20100504_072644_000000722089_00106_42745_7769.N1	04-MAY-2010 07:26:44	Dark	72.000	61	8Eps Peg	2.1000	3900.0	144	42745	No
78	GOM_NL__2PRFIN20100504_072907_000000592089_00106_42745_7770.N1	04-MAY-2010 07:29:07	Dark	59.000	162	34Alp Aqr	2.9440	5350.0	118	42745	No
79	GOM_NL__2PRFIN20100504_073311_000000662089_00106_42745_7771.N1	04-MAY-2010 07:33:11	Dark	65.500	154	22Bet Aqr	2.8990	5700.0	131	42745	No
80	GOM_NL__2PRFIN20100504_073923_000000442089_00106_42745_7772.N1	04-MAY-2010 07:39:23	Dark	44.000	172	Gam Gru	3.0030	13100.	88	42745	No
81	GOM_NL__2PRFIN20100504_075515_000000702089_00107_42746_7763.N1	04-MAY-2010 07:55:15	Straylight	70.000	38	20Eps Sgr	1.8360	11000.	140	42746	No
82	GOM_NL__2PRFIN20100504_075742_000000562089_00107_42746_7764.N1	04-MAY-2010 07:57:42	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42746	No
83	GOM_NL__2PRFIN20100504_080039_000000602089_00107_42746_7765.N1	04-MAY-2010 08:00:39	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42746	No
84	GOM_NL__2PRFIN20100504_080415_000000702089_00107_42746_7766.N1	04-MAY-2010 08:04:15	Twilight	69.500	16	21Alp Sco	1.0200	3000.0	139	42746	No
85	GOM_NL__2PRFIN20100504_080621_000000572089_00107_42746_7767.N1	04-MAY-2010 08:06:21	Twilight	56.500	80	7Del Sco	2.3160	30000.	113	42746	No
86	GOM_NL__2PRFIN20100504_080923_000000422089_00107_42746_7768.N1	04-MAY-2010 08:09:23	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	42746	No
87	GOM_NL__2PRFIN20100504_081134_000000462089_00107_42746_7769.N1	04-MAY-2010 08:11:34	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42746	No
88	GOM_NL__2PRFIN20100504_082021_000000412089_00107_42746_7770.N1	04-MAY-2010 08:20:21	Bright	41.000	3	16Alp Boo	-0.050000	4250.0	82	42746	No
89	GOM_NL__2PRFIN20100504_082322_000000452089_00107_42746_7771.N1	04-MAY-2010 08:23:22	Bright	45.000	83		2.3780	11000.	90	42746	No
90	GOM_NL__2PRFIN20100504_082625_000000392089_00107_42746_7772.N1	04-MAY-2010 08:26:25	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	42746	No
91	GOM_NL__2PRFIN20100504_083551_000000462089_00107_42746_7773.N1	04-MAY-2010 08:35:51	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42746	No
92	GOM_NL__2PRFIN20100504_084622_000000442089_00107_42746_7774.N1	04-MAY-2010 08:46:22	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42746	No
93	GOM_NL__2PRFIN20100504_085833_000000502089_00107_42746_7775.N1	04-MAY-2010 08:58:33	Bright	49.500	93	53Bet Peg	2.5200	3100.0	99	42746	No
94	GOM_NL__2PRFIN20100504_090237_000000482089_00107_42746_7776.N1	04-MAY-2010 09:02:37	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42746	No
95	GOM_NL__2PRFIN20100504_090721_000000662089_00107_42746_7777.N1	04-MAY-2010 09:07:21	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42746	No
96	GOM_NL__2PRFIN20100504_090945_000000592089_00107_42746_7778.N1	04-MAY-2010 09:09:45	Dark	58.500	162	34Alp Aqr	2.9440	5350.0	117	42746	No
97	GOM_NL__2PRFIN20100504_091349_000000642089_00107_42746_7779.N1	04-MAY-2010 09:13:49	Dark	64.000	154	22Bet Aqr	2.8990	5700.0	128	42746	No
98	GOM_NL__2PRFIN20100504_092000_000000422089_00107_42746_7780.N1	04-MAY-2010 09:20:00	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42746	No
99	GOM_NL__2PRFIN20100504_093552_000000662089_00108_42747_7771.N1	04-MAY-2010 09:35:52	Straylight	65.500	38	20Eps Sgr	1.8360	11000.	131	42747	No
100	GOM_NL__2PRFIN20100504_093819_000000562089_00108_42747_7772.N1	04-MAY-2010 09:38:19	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	42747	No
101	GOM_NL__2PRFIN20100504_094115_000000572089_00108_42747_7773.N1	04-MAY-2010 09:41:15	Straylight	57.000	75	26Eps Sco	2.2910	4250.0	114	42747	No

102	GOM_NL__2PRFIN20100504_094451_000000772089_00108_42747_7774.N1	04-MAY-2010 09:44:51	Twilight	77.000	16	21Alp Sco	1.0200	3000.0	154	42747	No
103	GOM_NL__2PRFIN20100504_094657_000000602089_00108_42747_7775.N1	04-MAY-2010 09:46:57	Twilight	60.000	80	7Del Sco	2.3160	30000.	120	42747	No
104	GOM_NL__2PRFIN20100504_094959_000000422089_00108_42747_7776.N1	04-MAY-2010 09:49:59	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	42747	No
105	GOM_NL__2PRFIN20100504_095209_000000472089_00108_42747_7777.N1	04-MAY-2010 09:52:09	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42747	No
106	GOM_NL__2PRFIN20100504_100057_000000402089_00108_42747_7778.N1	04-MAY-2010 10:00:57	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	42747	No
107	GOM_NL__2PRFIN20100504_100357_000000442089_00108_42747_7779.N1	04-MAY-2010 10:03:57	Bright	43.500	83		2.3780	11000.	87	42747	No
108	GOM_NL__2PRFIN20100504_100700_000000412089_00108_42747_7780.N1	04-MAY-2010 10:07:00	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42747	No
109	GOM_NL__2PRFIN20100504_101626_000000462089_00108_42747_7781.N1	04-MAY-2010 10:16:26	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42747	No
110	GOM_NL__2PRFIN20100504_102657_000000622089_00108_42747_7782.N1	04-MAY-2010 10:26:57	Bright	62.000	89	5Alp Cep	2.4510	8000.0	124	42747	No
111	GOM_NL__2PRFIN20100504_103909_000000562089_00108_42747_7783.N1	04-MAY-2010 10:39:09	Bright	56.000	93	53Bet Peg	2.5200	3100.0	112	42747	No
112	GOM_NL__2PRFIN20100504_104313_000000452089_00108_42747_7784.N1	04-MAY-2010 10:43:13	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42747	No
113	GOM_NL__2PRFIN20100504_104758_000000662089_00108_42747_7785.N1	04-MAY-2010 10:47:58	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42747	No
114	GOM_NL__2PRFIN20100504_105021_000000572089_00108_42747_7786.N1	04-MAY-2010 10:50:21	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42747	No
115	GOM_NL__2PRFIN20100504_105426_000000672089_00108_42747_7787.N1	04-MAY-2010 10:54:26	Dark	67.000	154	22Bet Aqr	2.8990	5700.0	134	42747	No
116	GOM_NL__2PRFIN20100504_110037_000000422089_00108_42747_7788.N1	04-MAY-2010 11:00:37	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42747	No
117	GOM_NL__2PRFIN20100504_111629_000000702089_00109_42748_7779.N1	04-MAY-2010 11:16:29	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	42748	No
118	GOM_NL__2PRFIN20100504_111855_000000602089_00109_42748_7780.N1	04-MAY-2010 11:18:55	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	42748	No
119	GOM_NL__2PRFIN20100504_112152_000000622089_00109_42748_7781.N1	04-MAY-2010 11:21:52	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	42748	No
120	GOM_NL__2PRFIN20100504_112527_000000682089_00109_42748_7782.N1	04-MAY-2010 11:25:27	Twilight	67.500	16	21Alp Sco	1.0200	3000.0	135	42748	No
121	GOM_NL__2PRFIN20100504_112733_000000572089_00109_42748_7783.N1	04-MAY-2010 11:27:33	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42748	No
122	GOM_NL__2PRFIN20100504_113035_000000422089_00109_42748_7784.N1	04-MAY-2010 11:30:35	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	42748	No
123	GOM_NL__2PRFIN20100504_113245_000000472089_00109_42748_7785.N1	04-MAY-2010 11:32:45	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42748	No
124	GOM_NL__2PRFIN20100504_114132_000000402089_00109_42748_7786.N1	04-MAY-2010 11:41:32	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	42748	No
125	GOM_NL__2PRFIN20100504_114433_000000422089_00109_42748_7787.N1	04-MAY-2010 11:44:33	Bright	41.500	83		2.3780	11000.	83	42748	No
126	GOM_NL__2PRFIN20100504_114736_000000412089_00109_42748_7788.N1	04-MAY-2010 11:47:36	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42748	No
127	GOM_NL__2PRFIN20100504_115701_000000432089_00109_42748_7789.N1	04-MAY-2010 11:57:01	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42748	No
128	GOM_NL__2PRFIN20100504_120733_000000402089_00109_42748_7790.N1	04-MAY-2010 12:07:33	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42748	No
129	GOM_NL__2PRFIN20100504_121945_000000512089_00109_42748_7791.N1	04-MAY-2010 12:19:45	Twilight	51.000	93	53Bet Peg	2.5200	3100.0	102	42748	No
130	GOM_NL__2PRFIN20100504_122349_000000482089_00109_42748_7792.N1	04-MAY-2010 12:23:49	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42748	No
131	GOM_NL__2PRFIN20100504_122835_000000582089_00109_42748_7793.N1	04-MAY-2010 12:28:35	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42748	No
132	GOM_NL__2PRFIN20100504_123058_000000582089_00109_42748_7794.N1	04-MAY-2010 12:30:58	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	42748	No
133	GOM_NL__2PRFIN20100504_123503_000000702089_00109_42748_7795.N1	04-MAY-2010 12:35:03	Dark	69.500	154	22Bet Aqr	2.8990	5700.0	139	42748	No
134	GOM_NL__2PRFIN20100504_124113_000000432089_00109_42748_7796.N1	04-MAY-2010 12:41:13	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42748	No
135	GOM_NL__2PRFIN20100504_125706_000000642089_00110_42749_7787.N1	04-MAY-2010 12:57:06	Straylight	63.500	38	20Eps Sgr	1.8360	11000.	127	42749	No
136	GOM_NL__2PRFIN20100504_125932_000000572089_00110_42749_7788.N1	04-MAY-2010 12:59:32	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42749	No
137	GOM_NL__2PRFIN20100504_130228_000000582089_00110_42749_7789.N1	04-MAY-2010 13:02:28	Straylight	58.000	75	26Eps Sco	2.2910	4250.0	116	42749	No
138	GOM_NL__2PRFIN20100504_130604_000000672089_00110_42749_7790.N1	04-MAY-2010 13:06:04	Twilight	67.000	16	21Alp Sco	1.0200	3000.0	134	42749	No
139	GOM_NL__2PRFIN20100504_130810_000000572089_00110_42749_7791.N1	04-MAY-2010 13:08:10	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42749	No
140	GOM_NL__2PRFIN20100504_131111_000000432089_00110_42749_7792.N1	04-MAY-2010 13:11:11	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	42749	No
141	GOM_NL__2PRFIN20100504_131321_000000472089_00110_42749_7793.N1	04-MAY-2010 13:13:21	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42749	No
142	GOM_NL__2PRFIN20100504_132208_000000412089_00110_42749_7794.N1	04-MAY-2010 13:22:08	Bright	41.000	3	16Alp Boo	-0.050000	4250.0	82	42749	No
143	GOM_NL__2PRFIN20100504_132508_000000412089_00110_42749_7795.N1	04-MAY-2010 13:25:08	Bright	41.000	83		2.3780	11000.	82	42749	No
144	GOM_NL__2PRFIN20100504_132811_000000422089_00110_42749_7796.N1	04-MAY-2010 13:28:11	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42749	No
145	GOM_NL__2PRFIN20100504_133737_000000442089_00110_42749_7797.N1	04-MAY-2010 13:37:37	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42749	No
146	GOM_NL__2PRFIN20100504_134809_000000522089_00110_42749_7798.N1	04-MAY-2010 13:48:09	Bright	51.500	89	5Alp Cep	2.4510	8000.0	103	42749	No
147	GOM_NL__2PRFIN20100504_140021_000000572089_00110_42749_7799.N1	04-MAY-2010 14:00:21	Twilight	56.500	93	53Bet Peg	2.5200	3100.0	113	42749	No
148	GOM_NL__2PRFIN20100504_140425_000000472089_00110_42749_7800.N1	04-MAY-2010 14:04:25	Twilight	46.500	90	54Alp Peg	2.4870	11000.	93	42749	No
149	GOM_NL__2PRFIN20100504_140911_000000582089_00110_42749_7801.N1	04-MAY-2010 14:09:11	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42749	No
150	GOM_NL__2PRFIN20100504_141135_000000572089_00110_42749_7802.N1	04-MAY-2010 14:11:35	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42749	No
151	GOM_NL__2PRFIN20100504_141541_000000692089_00110_42749_7803.N1	04-MAY-2010 14:15:41	Dark	68.500	154	22Bet Aqr	2.8990	5700.0	137	42749	No
152	GOM_NL__2PRFIN20100504_142150_000000432089_00110_42749_7804.N1	04-MAY-2010 14:21:50	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42749	No
153	GOM_NL__2PRFIN20100504_143743_000000682089_00111_42750_7797.N1	04-MAY-2010 14:37:43	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	42750	No
154	GOM_NL__2PRFIN20100504_144009_000000572089_00111_42750_7798.N1	04-MAY-2010 14:40:09	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42750	No
155	GOM_NL__2PRFIN20100504_144305_000000592089_00111_42750_7799.N1	04-MAY-2010 14:43:05	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42750	No
156	GOM_NL__2PRFIN20100504_144640_000000722089_00111_42750_7800.N1	04-MAY-2010 14:46:40	Twilight	71.500	16	21Alp Sco	1.0200	3000.0	143	42750	No
157	GOM_NL__2PRFIN20100504_144846_000000552089_00111_42750_7801.N1	04-MAY-2010 14:48:46	Twilight	54.500	80	7Del Sco	2.3160	30000.	109	42750	No
158	GOM_NL__2PRFIN20100504_145147_000000412089_00111_42750_7802.N1	04-MAY-2010 14:51:47	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	42750	No
159	GOM_NL__2PRFIN20100504_145357_000000462089_00111_42750_7803.N1	04-MAY-2010 14:53:57	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42750	No
160	GOM_NL__2PRFIN20100504_150244_000000412089_00111_42750_7804.N1	04-MAY-2010 15:02:44	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	42750	No



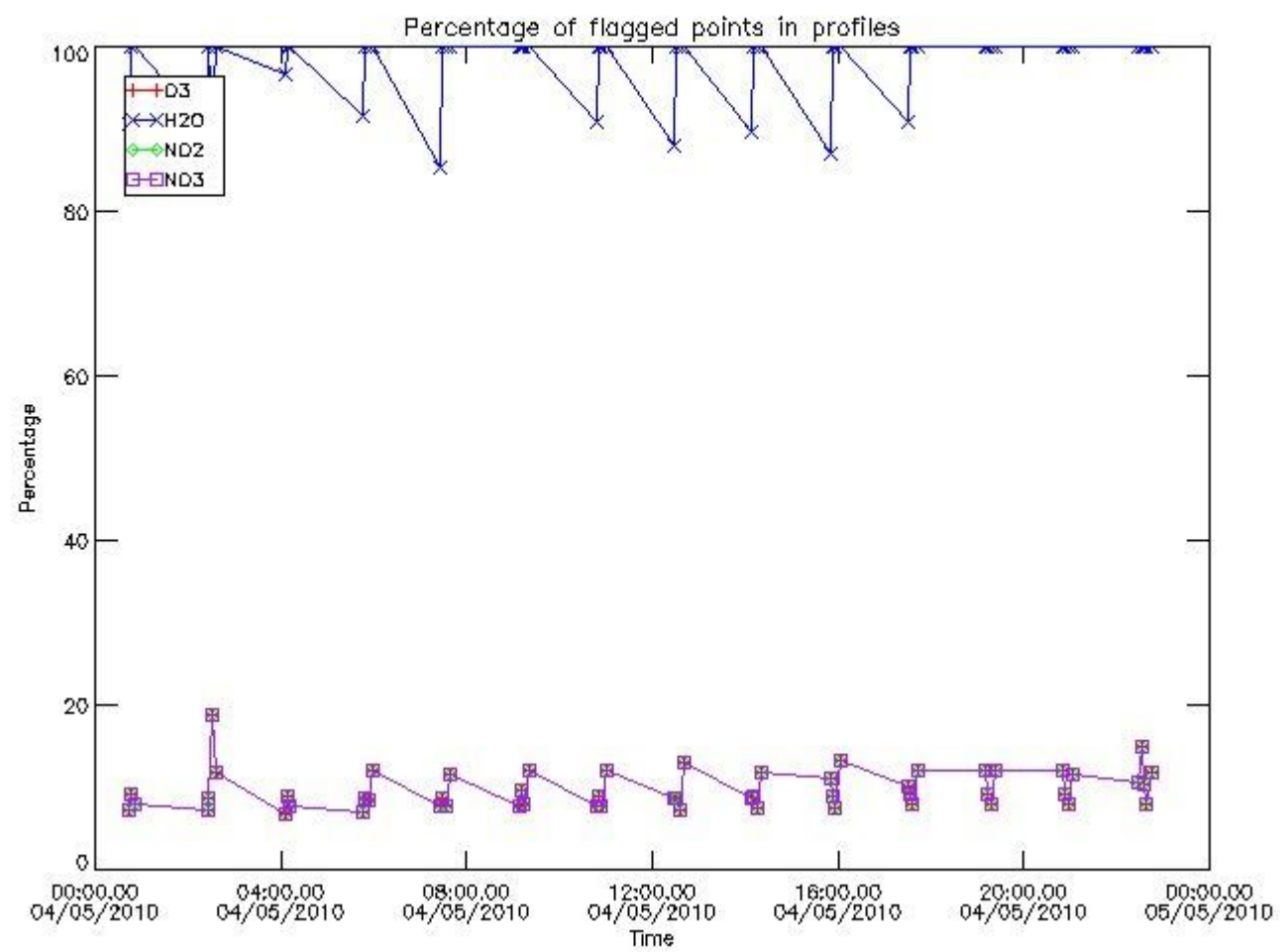
161	GOM_NL__2PRFIN20100504_150544_000000422089_00111_42750_7805.N1	04-MAY-2010 15:05:44	Bright	41.500	83		2.3780	11000.	83	42750	No
162	GOM_NL__2PRFIN20100504_150847_000000402089_00111_42750_7806.N1	04-MAY-2010 15:08:47	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	42750	No
163	GOM_NL__2PRFIN20100504_151812_000000642089_00111_42750_7807.N1	04-MAY-2010 15:18:12	Bright	64.000	119	14Eta Dra	2.7270	4700.0	128	42750	No
164	GOM_NL__2PRFIN20100504_152844_000000442089_00111_42750_7808.N1	04-MAY-2010 15:28:44	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42750	No
165	GOM_NL__2PRFIN20100504_154057_000000512089_00111_42750_7809.N1	04-MAY-2010 15:40:57	Twilight	51.000	93	53Bet Peg	2.5200	3100.0	102	42750	No
166	GOM_NL__2PRFIN20100504_154502_000000472089_00111_42750_7810.N1	04-MAY-2010 15:45:02	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42750	No
167	GOM_NL__2PRFIN20100504_154949_000000502089_00111_42750_7811.N1	04-MAY-2010 15:49:49	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42750	No
168	GOM_NL__2PRFIN20100504_155212_000000572089_00111_42750_7812.N1	04-MAY-2010 15:52:12	Dark	57.000	162	34Alp Aqr	2.9440	5350.0	114	42750	No
169	GOM_NL__2PRFIN20100504_155618_000000692089_00111_42750_7813.N1	04-MAY-2010 15:56:18	Dark	69.000	154	22Bet Aqr	2.8990	5700.0	138	42750	No
170	GOM_NL__2PRFIN20100504_160227_000000432089_00111_42750_7814.N1	04-MAY-2010 16:02:27	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42750	No
171	GOM_NL__2PRFIN20100504_161821_000000702089_00112_42751_7805.N1	04-MAY-2010 16:18:21	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	42751	No
172	GOM_NL__2PRFIN20100504_162046_000000552089_00112_42751_7806.N1	04-MAY-2010 16:20:46	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42751	No
173	GOM_NL__2PRFIN20100504_162341_000000602089_00112_42751_7807.N1	04-MAY-2010 16:23:41	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42751	No
174	GOM_NL__2PRFIN20100504_162717_000000712089_00112_42751_7808.N1	04-MAY-2010 16:27:17	Twilight	70.500	16	21Alp Sco	1.0200	3000.0	141	42751	No
175	GOM_NL__2PRFIN20100504_162922_000000622089_00112_42751_7809.N1	04-MAY-2010 16:29:22	Twilight	61.500	80	7Del Sco	2.3160	30000.	123	42751	No
176	GOM_NL__2PRFIN20100504_163223_000000452089_00112_42751_7810.N1	04-MAY-2010 16:32:23	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	42751	No
177	GOM_NL__2PRFIN20100504_163433_000000472089_00112_42751_7811.N1	04-MAY-2010 16:34:33	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42751	No
178	GOM_NL__2PRFIN20100504_164320_000000392089_00112_42751_7812.N1	04-MAY-2010 16:43:20	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42751	No
179	GOM_NL__2PRFIN20100504_164619_000000422089_00112_42751_7813.N1	04-MAY-2010 16:46:19	Bright	42.000	83		2.3780	11000.	84	42751	No
180	GOM_NL__2PRFIN20100504_164923_000000402089_00112_42751_7814.N1	04-MAY-2010 16:49:23	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	42751	No
181	GOM_NL__2PRFIN20100504_165847_000000442089_00112_42751_7815.N1	04-MAY-2010 16:58:47	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42751	No
182	GOM_NL__2PRFIN20100504_170920_000000442089_00112_42751_7816.N1	04-MAY-2010 17:09:20	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42751	No
183	GOM_NL__2PRFIN20100504_172133_000000532089_00112_42751_7817.N1	04-MAY-2010 17:21:33	Twilight	52.500	93	53Bet Peg	2.5200	3100.0	105	42751	No
184	GOM_NL__2PRFIN20100504_172538_000000452089_00112_42751_7818.N1	04-MAY-2010 17:25:38	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42751	No
185	GOM_NL__2PRFIN20100504_173026_000000502089_00112_42751_7819.N1	04-MAY-2010 17:30:26	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42751	No
186	GOM_NL__2PRFIN20100504_173249_000000562089_00112_42751_7820.N1	04-MAY-2010 17:32:49	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42751	No
187	GOM_NL__2PRFIN20100504_173655_000000642089_00112_42751_7821.N1	04-MAY-2010 17:36:55	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	42751	No
188	GOM_NL__2PRFIN20100504_174304_000000432089_00112_42751_7822.N1	04-MAY-2010 17:43:04	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42751	No
189	GOM_NL__2PRFIN20100504_175858_000000652089_00113_42752_7813.N1	04-MAY-2010 17:58:58	Straylight	64.500	38	20Eps Sgr	1.8360	11000.	129	42752	No
190	GOM_NL__2PRFIN20100504_180123_000000602089_00113_42752_7814.N1	04-MAY-2010 18:01:23	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	42752	No
191	GOM_NL__2PRFIN20100504_180418_000000612089_00113_42752_7815.N1	04-MAY-2010 18:04:18	Straylight	60.500	75	26Eps Sco	2.2910	4250.0	121	42752	No
192	GOM_NL__2PRFIN20100504_180753_000000752089_00113_42752_7816.N1	04-MAY-2010 18:07:53	Twilight	75.000	16	21Alp Sco	1.0200	3000.0	150	42752	No
193	GOM_NL__2PRFIN20100504_180958_000000622089_00113_42752_7817.N1	04-MAY-2010 18:09:58	Twilight	61.500	80	7Del Sco	2.3160	30000.	123	42752	No
194	GOM_NL__2PRFIN20100504_181259_000000462089_00113_42752_7818.N1	04-MAY-2010 18:12:59	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42752	No
195	GOM_NL__2PRFIN20100504_181509_000000482089_00113_42752_7819.N1	04-MAY-2010 18:15:09	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	42752	No
196	GOM_NL__2PRFIN20100504_182355_000000432089_00113_42752_7820.N1	04-MAY-2010 18:23:55	Bright	42.500	3	16Alp Boo	-0.050000	4250.0	85	42752	No
197	GOM_NL__2PRFIN20100504_182655_000000462089_00113_42752_7821.N1	04-MAY-2010 18:26:55	Bright	45.500	83		2.3780	11000.	91	42752	No
198	GOM_NL__2PRFIN20100504_182958_000000422089_00113_42752_7822.N1	04-MAY-2010 18:29:58	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42752	No
199	GOM_NL__2PRFIN20100504_183922_000000452089_00113_42752_7823.N1	04-MAY-2010 18:39:22	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42752	No
200	GOM_NL__2PRFIN20100504_184956_000000432089_00113_42752_7824.N1	04-MAY-2010 18:49:56	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42752	No
201	GOM_NL__2PRFIN20100504_190209_000000482089_00113_42752_7825.N1	04-MAY-2010 19:02:09	Twilight	48.000	93	53Bet Peg	2.5200	3100.0	96	42752	No
202	GOM_NL__2PRFIN20100504_190614_000000472089_00113_42752_7826.N1	04-MAY-2010 19:06:14	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42752	No
203	GOM_NL__2PRFIN20100504_191103_000000422089_00113_42752_7827.N1	04-MAY-2010 19:11:03	Dark	42.000	61	8Eps Peg	2.1000	3900.0	84	42752	No
204	GOM_NL__2PRFIN20100504_191325_000000562089_00113_42752_7828.N1	04-MAY-2010 19:13:25	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42752	No
205	GOM_NL__2PRFIN20100504_191733_000000652089_00113_42752_7829.N1	04-MAY-2010 19:17:33	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	42752	No
206	GOM_NL__2PRFIN20100504_192340_000000422089_00113_42752_7830.N1	04-MAY-2010 19:23:40	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42752	No
207	GOM_NL__2PRFIN20100504_193935_000000642089_00114_42753_7859.N1	04-MAY-2010 19:39:35	Straylight	64.000	38	20Eps Sgr	1.8360	11000.	128	42753	No
208	GOM_NL__2PRFIN20100504_194200_000000622089_00114_42753_7860.N1	04-MAY-2010 19:42:00	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	42753	No
209	GOM_NL__2PRFIN20100504_194455_000000552089_00114_42753_7861.N1	04-MAY-2010 19:44:55	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	42753	No
210	GOM_NL__2PRFIN20100504_194829_000000652089_00114_42753_7862.N1	04-MAY-2010 19:48:29	Twilight	64.500	16	21Alp Sco	1.0200	3000.0	129	42753	No
211	GOM_NL__2PRFIN20100504_195035_000000602089_00114_42753_7863.N1	04-MAY-2010 19:50:35	Twilight	59.500	80	7Del Sco	2.3160	30000.	119	42753	No
212	GOM_NL__2PRFIN20100504_195335_000000422089_00114_42753_7864.N1	04-MAY-2010 19:53:35	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	42753	No
213	GOM_NL__2PRFIN20100504_195545_000000462089_00114_42753_7865.N1	04-MAY-2010 19:55:45	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42753	No
214	GOM_NL__2PRFIN20100504_200431_000000412089_00114_42753_7866.N1	04-MAY-2010 20:04:31	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	42753	No
215	GOM_NL__2PRFIN20100504_200730_000000452089_00114_42753_7867.N1	04-MAY-2010 20:07:30	Bright	45.000	83		2.3780	11000.	90	42753	No
216	GOM_NL__2PRFIN20100504_201034_000000412089_00114_42753_7868.N1	04-MAY-2010 20:10:34	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42753	No
217	GOM_NL__2PRFIN20100504_201958_000000442089_00114_42753_7869.N1	04-MAY-2010 20:19:58	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42753	No
218	GOM_NL__2PRFIN20100504_203031_000000422089_00114_42753_7870.N1	04-MAY-2010 20:30:31	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42753	No
219	GOM_NL__2PRFIN20100504_204245_000000542089_00114_42753_7871.N1	04-MAY-2010 20:42:45	Twilight	53.500	93	53Bet Peg	2.5200	3100.0	107	42753	No

220	GOM_NL__2PRFIN20100504_204651_000000482089_00114_42753_7872.N1	04-MAY-2010 20:46:51	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42753	No
221	GOM_NL__2PRFIN20100504_205139_000000422089_00114_42753_7873.N1	04-MAY-2010 20:51:39	Dark	42.000	61	8Eps Peg	2.1000	3900.0	84	42753	No
222	GOM_NL__2PRFIN20100504_205402_000000562089_00114_42753_7874.N1	04-MAY-2010 20:54:02	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42753	No
223	GOM_NL__2PRFIN20100504_205811_000000642089_00114_42753_7875.N1	04-MAY-2010 20:58:11	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	42753	No
224	GOM_NL__2PRFIN20100504_210417_000000442089_00114_42753_7876.N1	04-MAY-2010 21:04:17	Dark	44.000	172	Gam Gru	3.0030	13100.	88	42753	No
225	GOM_NL__2PRFIN20100504_212012_000000642089_00115_42754_7872.N1	04-MAY-2010 21:20:12	Straylight	64.000	38	20Eps Sgr	1.8360	11000.	128	42754	No
226	GOM_NL__2PRFIN20100504_212236_000000572089_00115_42754_7873.N1	04-MAY-2010 21:22:36	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42754	No
227	GOM_NL__2PRFIN20100504_212532_000000602089_00115_42754_7874.N1	04-MAY-2010 21:25:32	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42754	No
228	GOM_NL__2PRFIN20100504_212906_000000662089_00115_42754_7875.N1	04-MAY-2010 21:29:06	Tw_i_and_stray	66.000	16	21Alp Sco	1.0200	3000.0	132	42754	No
229	GOM_NL__2PRFIN20100504_213111_000000612089_00115_42754_7876.N1	04-MAY-2010 21:31:11	Tw_i_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	42754	No
230	GOM_NL__2PRFIN20100504_213411_000000422089_00115_42754_7877.N1	04-MAY-2010 21:34:11	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	42754	No
231	GOM_NL__2PRFIN20100504_213621_000000472089_00115_42754_7878.N1	04-MAY-2010 21:36:21	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42754	No
232	GOM_NL__2PRFIN20100504_214507_000000392089_00115_42754_7879.N1	04-MAY-2010 21:45:07	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42754	No
233	GOM_NL__2PRFIN20100504_214806_000000442089_00115_42754_7880.N1	04-MAY-2010 21:48:06	Bright	43.500	83		2.3780	11000.	87	42754	No
234	GOM_NL__2PRFIN20100504_215109_000000392089_00115_42754_7881.N1	04-MAY-2010 21:51:09	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42754	No
235	GOM_NL__2PRFIN20100504_220033_000000442089_00115_42754_7882.N1	04-MAY-2010 22:00:33	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42754	No
236	GOM_NL__2PRFIN20100504_221107_000000502089_00115_42754_7883.N1	04-MAY-2010 22:11:07	Bright	49.500	89	5Alp Cep	2.4510	8000.0	99	42754	No
237	GOM_NL__2PRFIN20100504_222321_000000542089_00115_42754_7884.N1	04-MAY-2010 22:23:21	Tw_i_and_stray	54.000	93	53Bet Peg	2.5200	3100.0	108	42754	No
238	GOM_NL__2PRFIN20100504_222727_000000482089_00115_42754_7885.N1	04-MAY-2010 22:27:27	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	42754	No
239	GOM_NL__2PRFIN20100504_223216_000000342089_00115_42754_7886.N1	04-MAY-2010 22:32:16	Dark	34.000	61	8Eps Peg	2.1000	3900.0	68	42754	No
240	GOM_NL__2PRFIN20100504_223440_000000592089_00115_42754_7887.N1	04-MAY-2010 22:34:40	Dark	58.500	162	34Alp Aqr	2.9440	5350.0	117	42754	No
241	GOM_NL__2PRFIN20100504_223848_000000642089_00115_42754_7888.N1	04-MAY-2010 22:38:48	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	42754	No
242	GOM_NL__2PRFIN20100504_224454_000000432089_00115_42754_7889.N1	04-MAY-2010 22:44:54	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42754	No
243	GOM_NL__2PRFIN20100504_230049_000000642089_00116_42755_7905.N1	04-MAY-2010 23:00:49	Straylight	64.000	38	20Eps Sgr	1.8360	11000.	128	42755	No
244	GOM_NL__2PRFIN20100504_230313_000000632089_00116_42755_7906.N1	04-MAY-2010 23:03:13	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	42755	No
245	GOM_NL__2PRFIN20100504_230608_000000602089_00116_42755_7907.N1	04-MAY-2010 23:06:08	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	42755	No
246	GOM_NL__2PRFIN20100504_230942_000000762089_00116_42755_7908.N1	04-MAY-2010 23:09:42	Tw_i_and_stray	76.000	16	21Alp Sco	1.0200	3000.0	152	42755	No
247	GOM_NL__2PRFIN20100504_231147_000000592089_00116_42755_7909.N1	04-MAY-2010 23:11:47	Tw_i_and_stray	59.000	80	7Del Sco	2.3160	30000.	118	42755	No
248	GOM_NL__2PRFIN20100504_231447_000000442089_00116_42755_7910.N1	04-MAY-2010 23:14:47	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	42755	No
249	GOM_NL__2PRFIN20100504_231657_000000462089_00116_42755_7911.N1	04-MAY-2010 23:16:57	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42755	No
250	GOM_NL__2PRFIN20100504_232542_000000422089_00116_42755_7912.N1	04-MAY-2010 23:25:42	Bright	41.500	3	16Alp Boo	-0.050000	4250.0	83	42755	No
251	GOM_NL__2PRFIN20100504_232841_000000442089_00116_42755_7913.N1	04-MAY-2010 23:28:41	Bright	44.000	83		2.3780	11000.	88	42755	No
252	GOM_NL__2PRFIN20100504_233144_000000412089_00116_42755_7914.N1	04-MAY-2010 23:31:44	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42755	No
253	GOM_NL__2PRFIN20100504_234109_000000422089_00116_42755_7915.N1	04-MAY-2010 23:41:09	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42755	No
254	GOM_NL__2PRFIN20100504_235142_000000442089_00116_42755_7916.N1	04-MAY-2010 23:51:42	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42755	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.

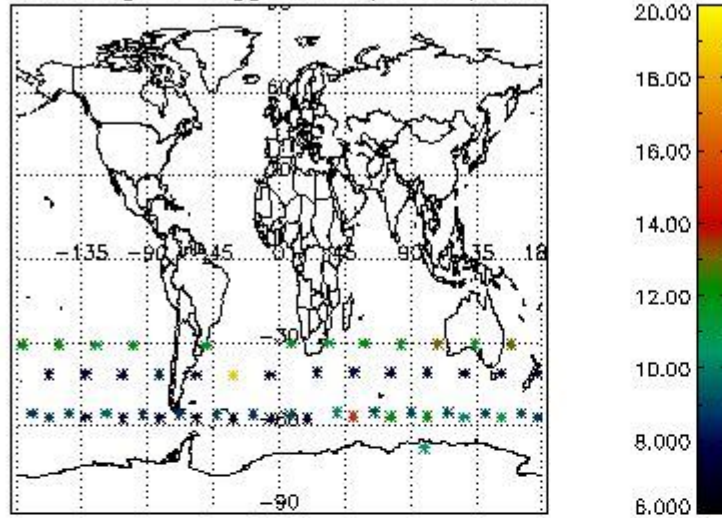
#### 3.1 Plot quality information per product (time dependant)



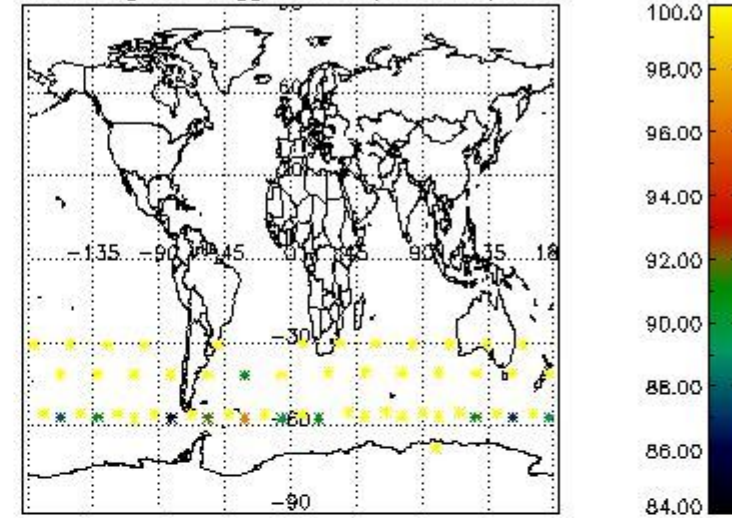
*3.2 Plot quality information per product (world map)*



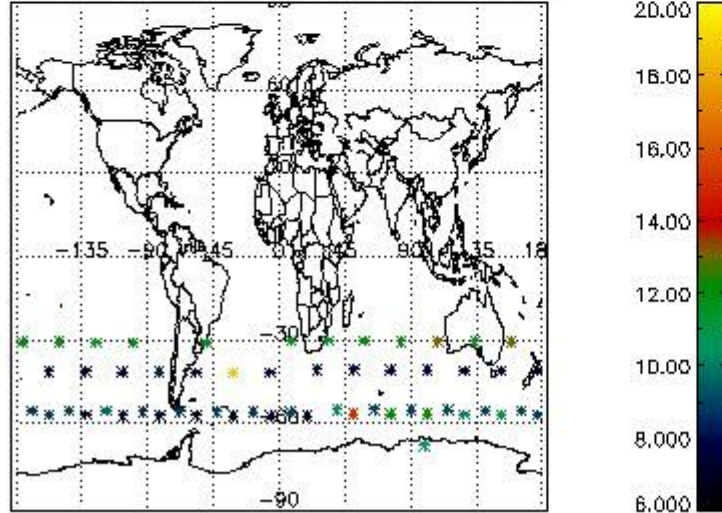
Percentage of flagged data per O3 profile



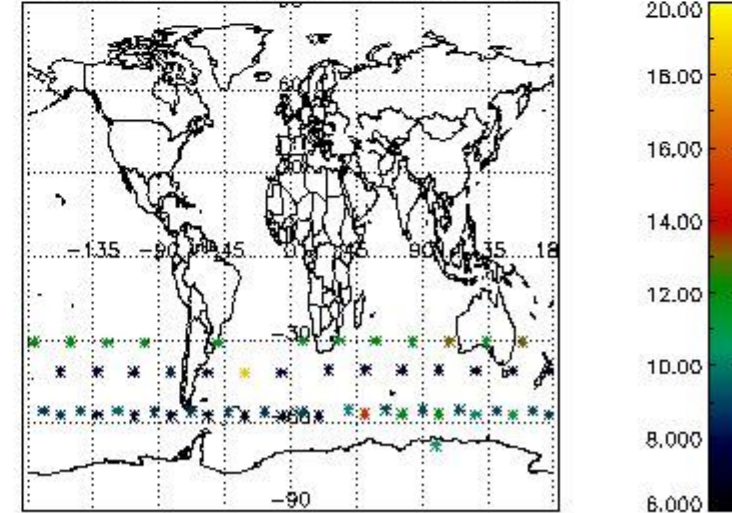
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



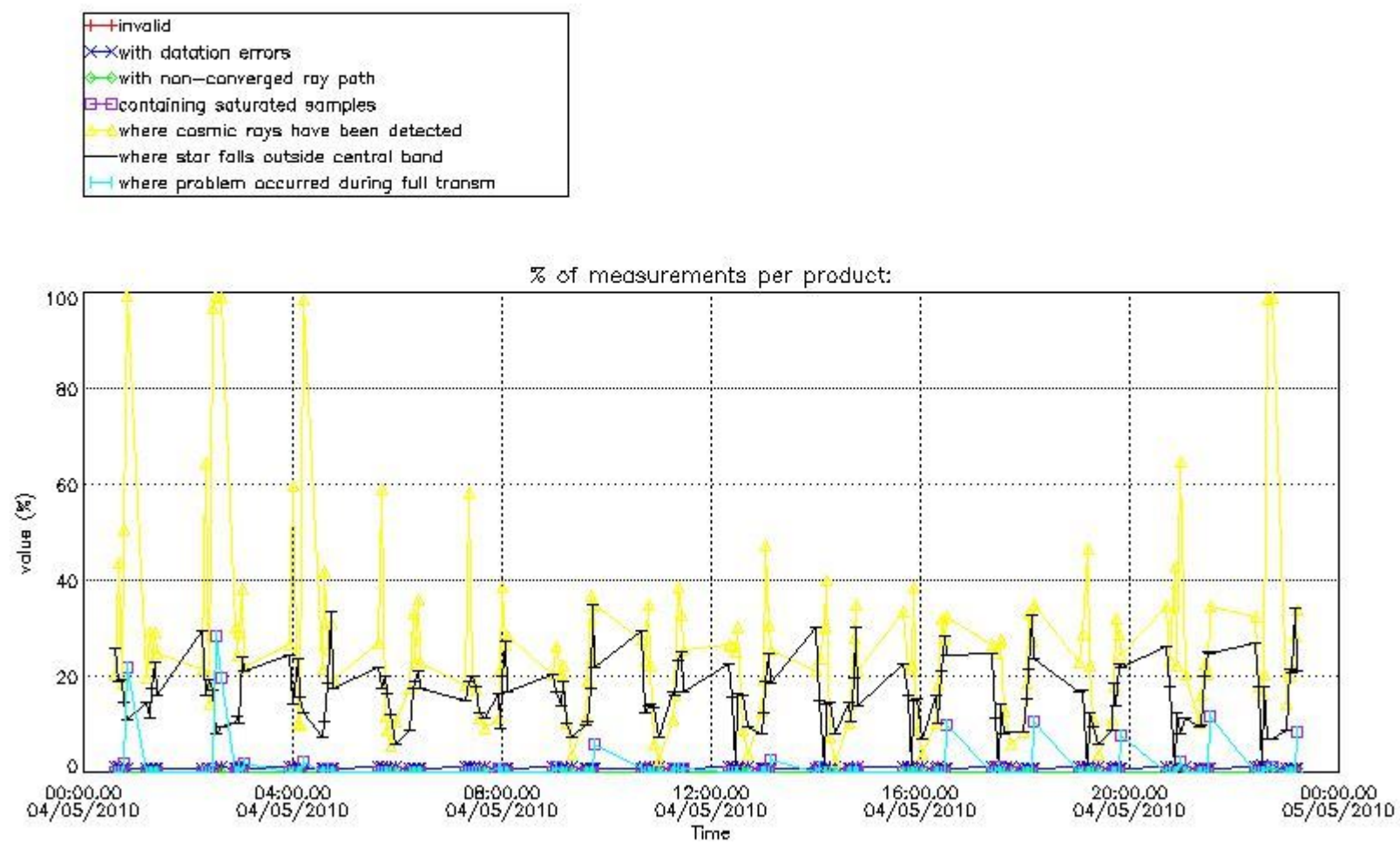
#### 4. Level 1 quality information per product

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.

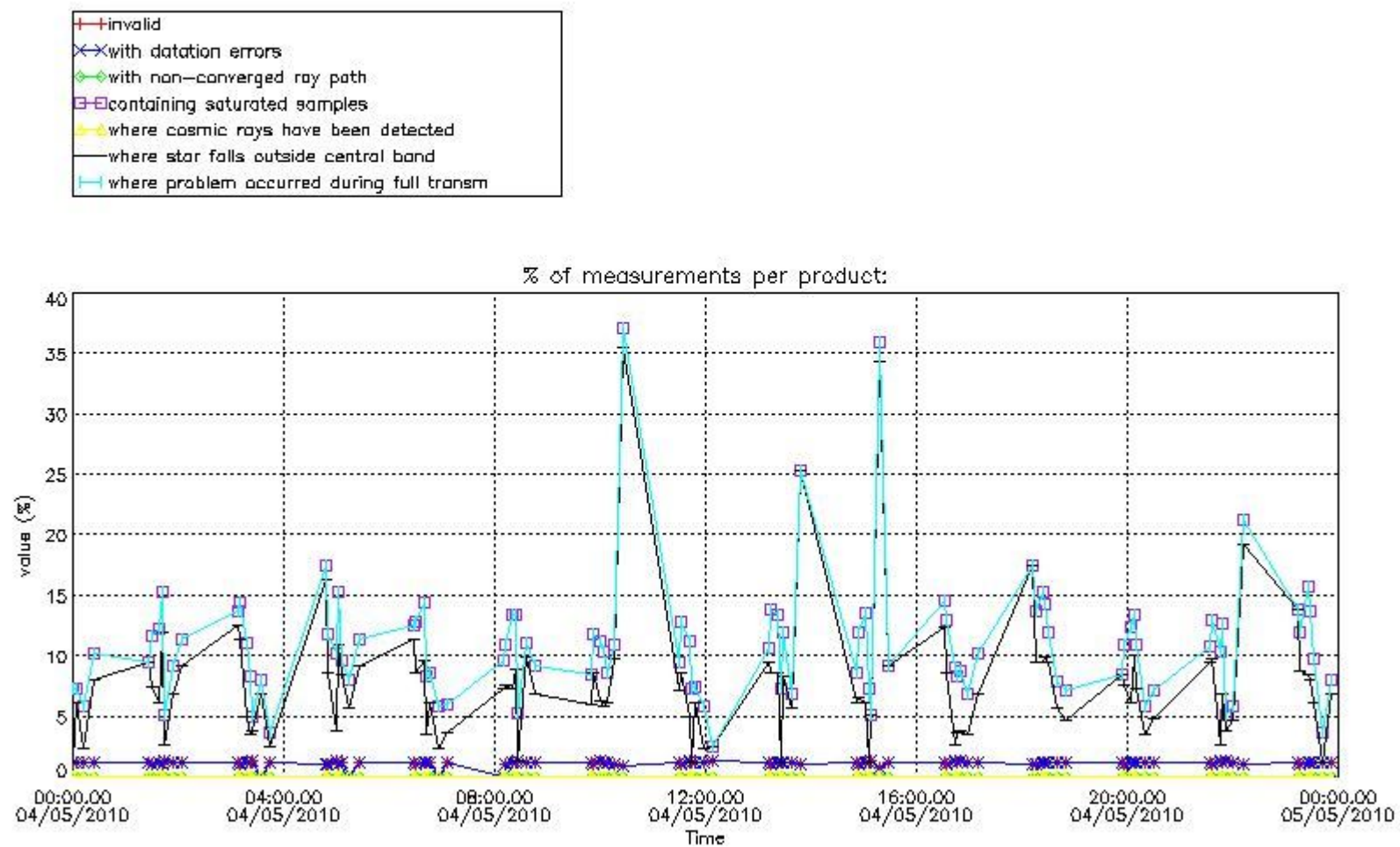
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





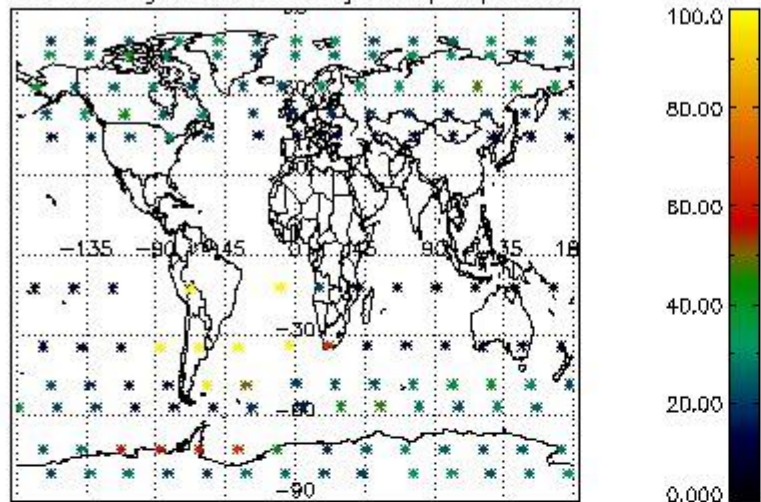
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



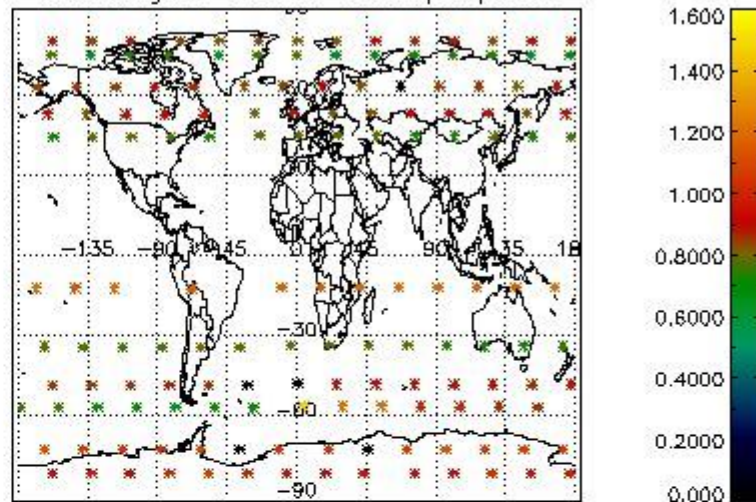
4.2 Plot quality information per product coming from level 1b processing (world map)

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

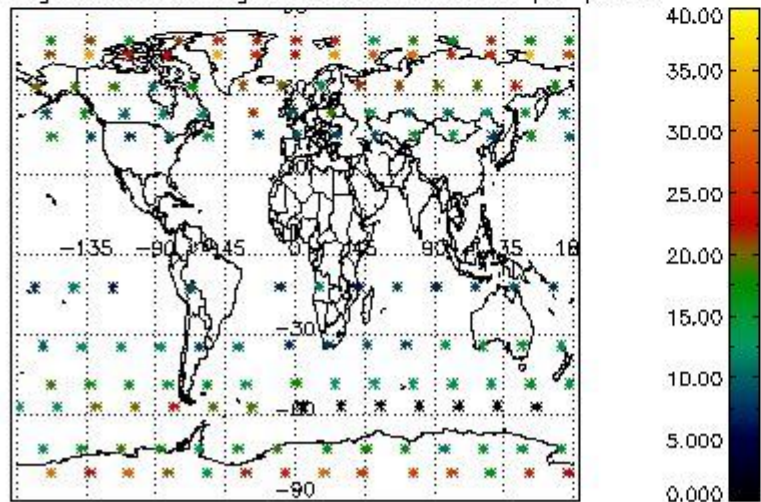
Percentage of cosmic ray hits per profile



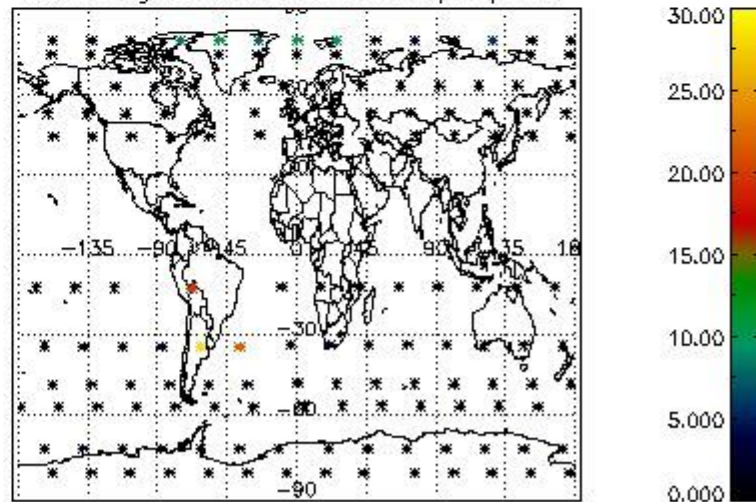
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

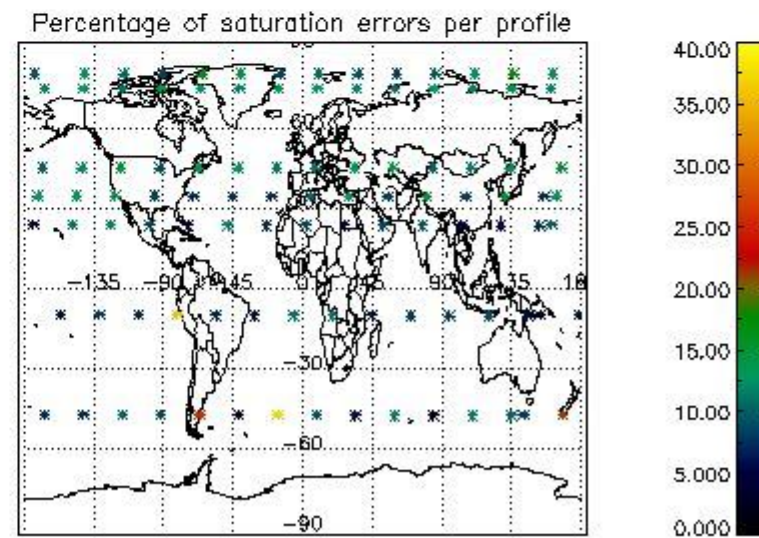
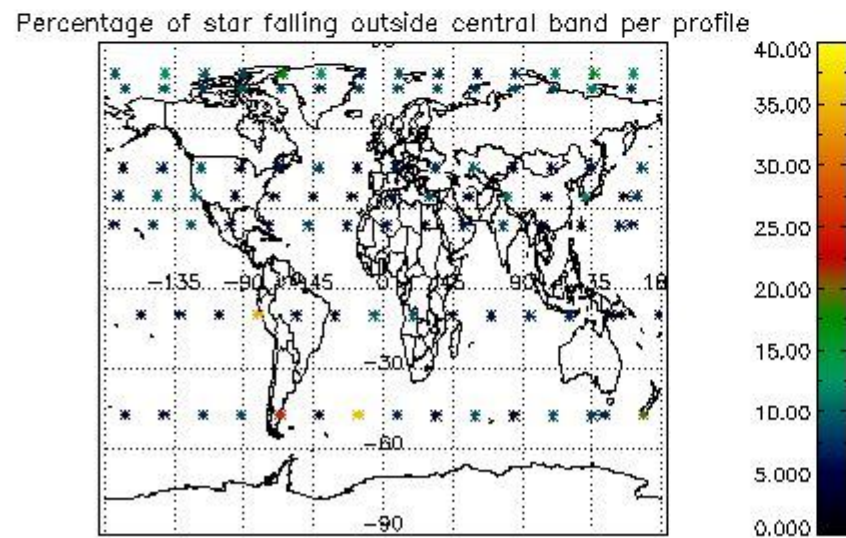
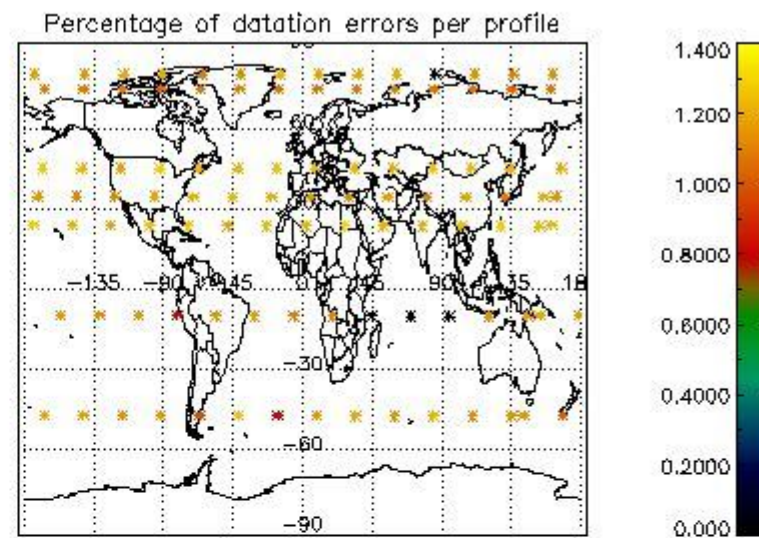
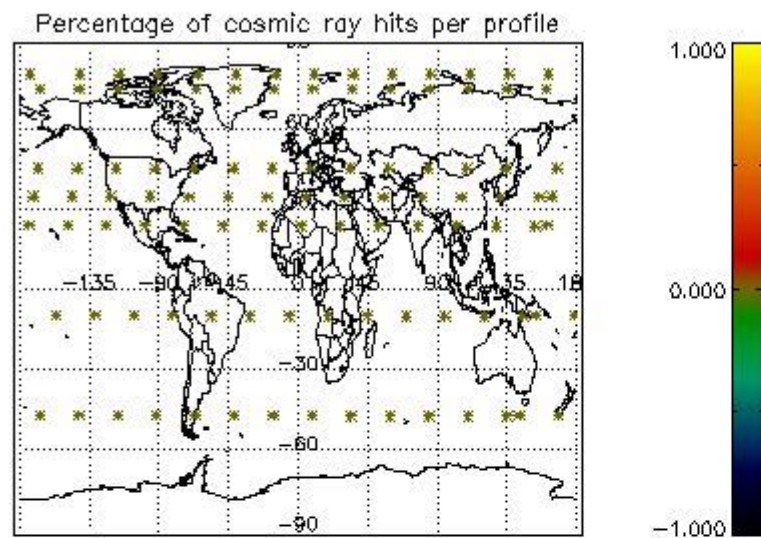


Percentage of saturation errors per profile



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

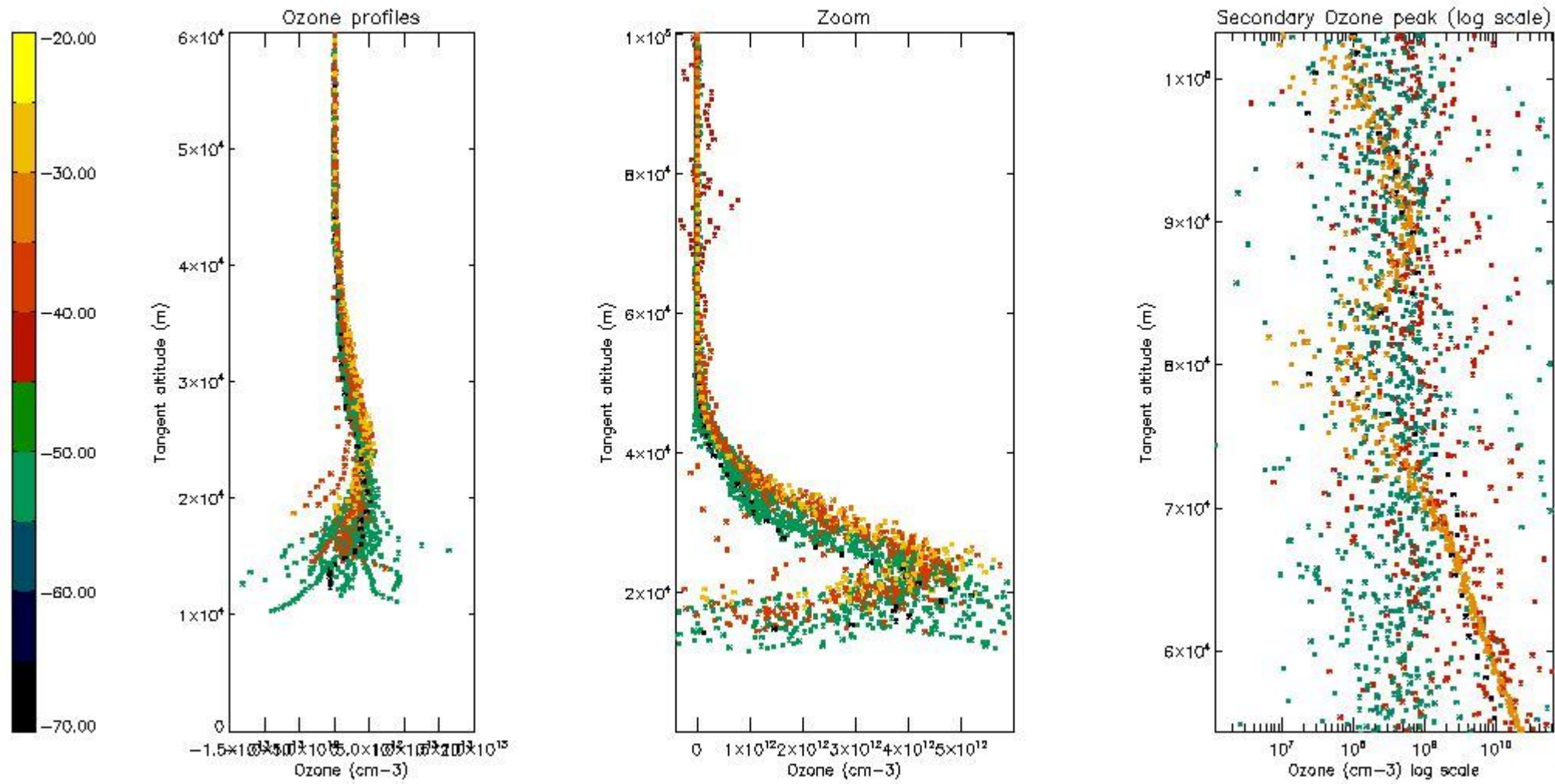
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	6

STD < 10	3
STD < 5	0

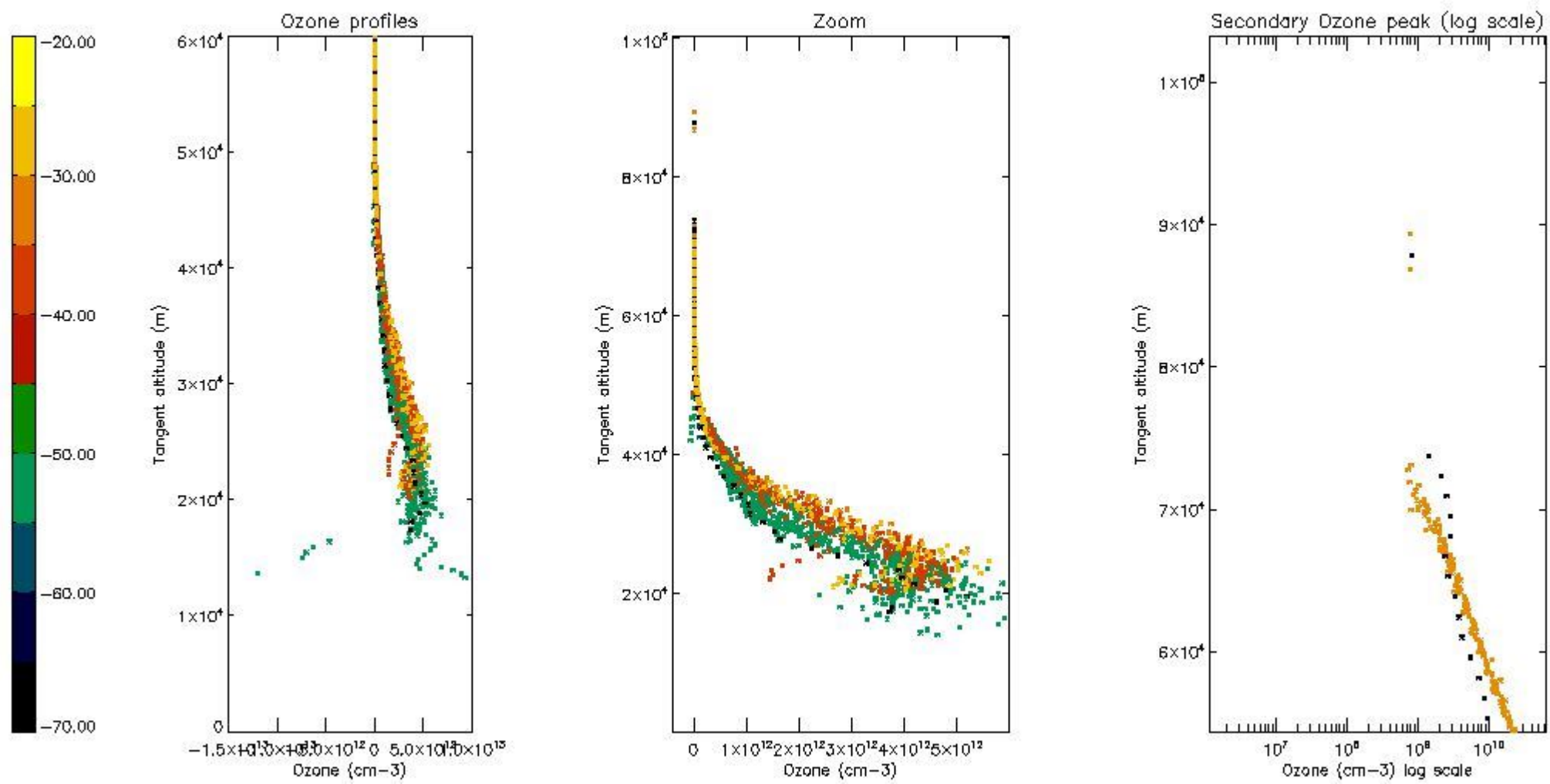
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

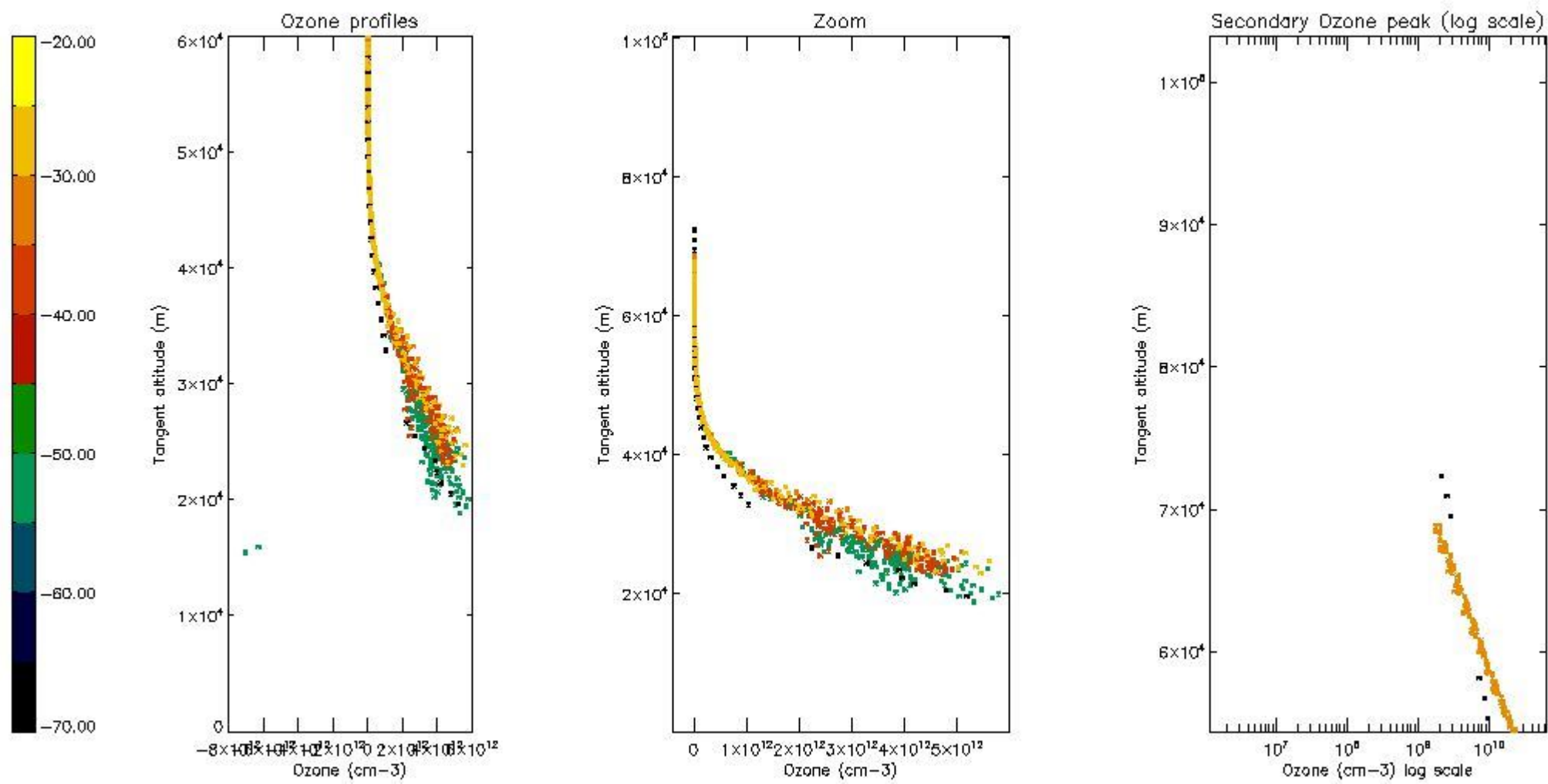
The colorbar represents the latitude.



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

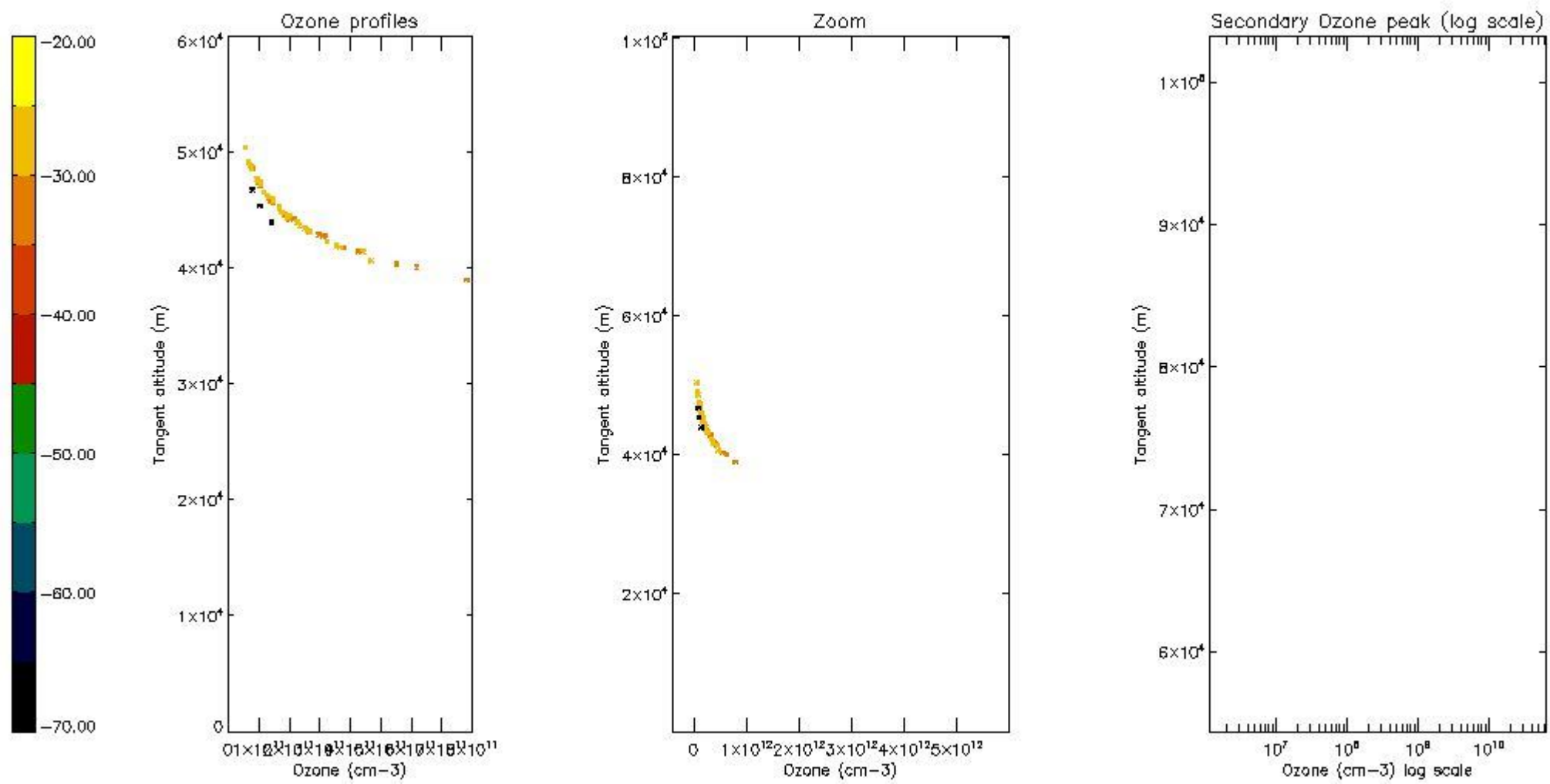
The colorbar represents the latitude.





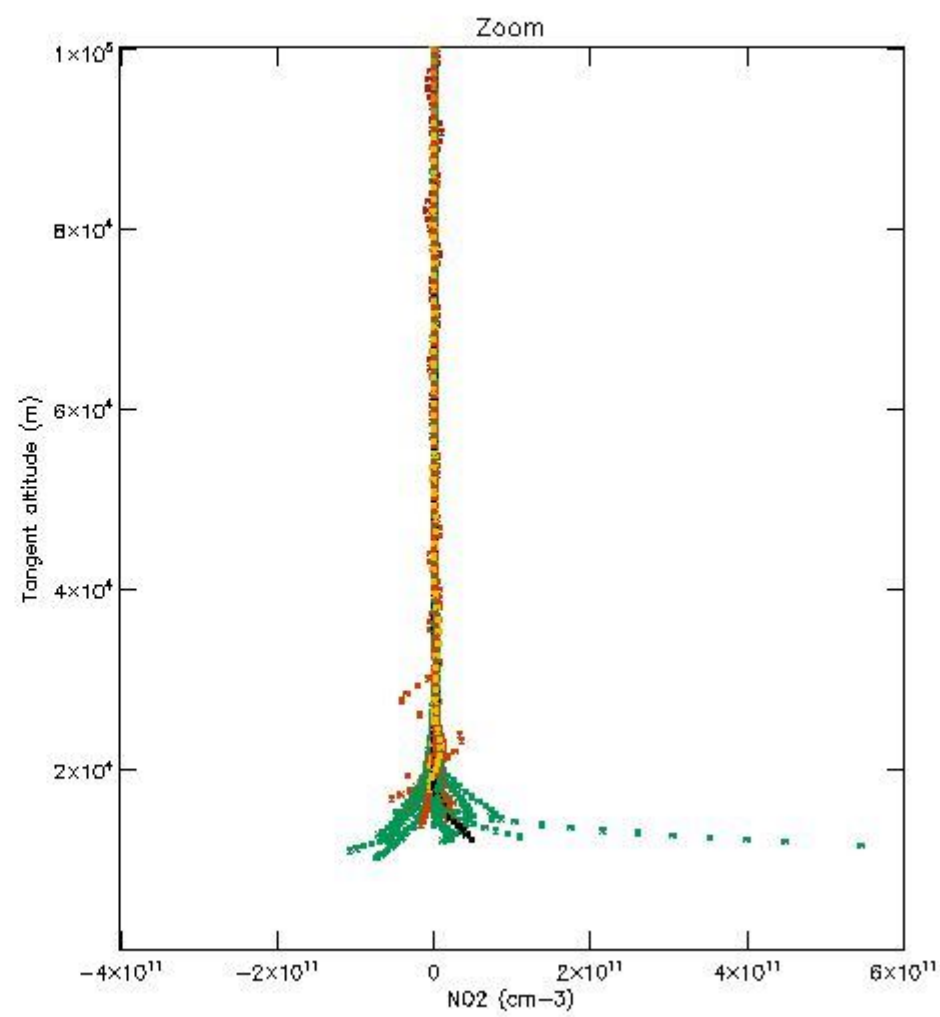
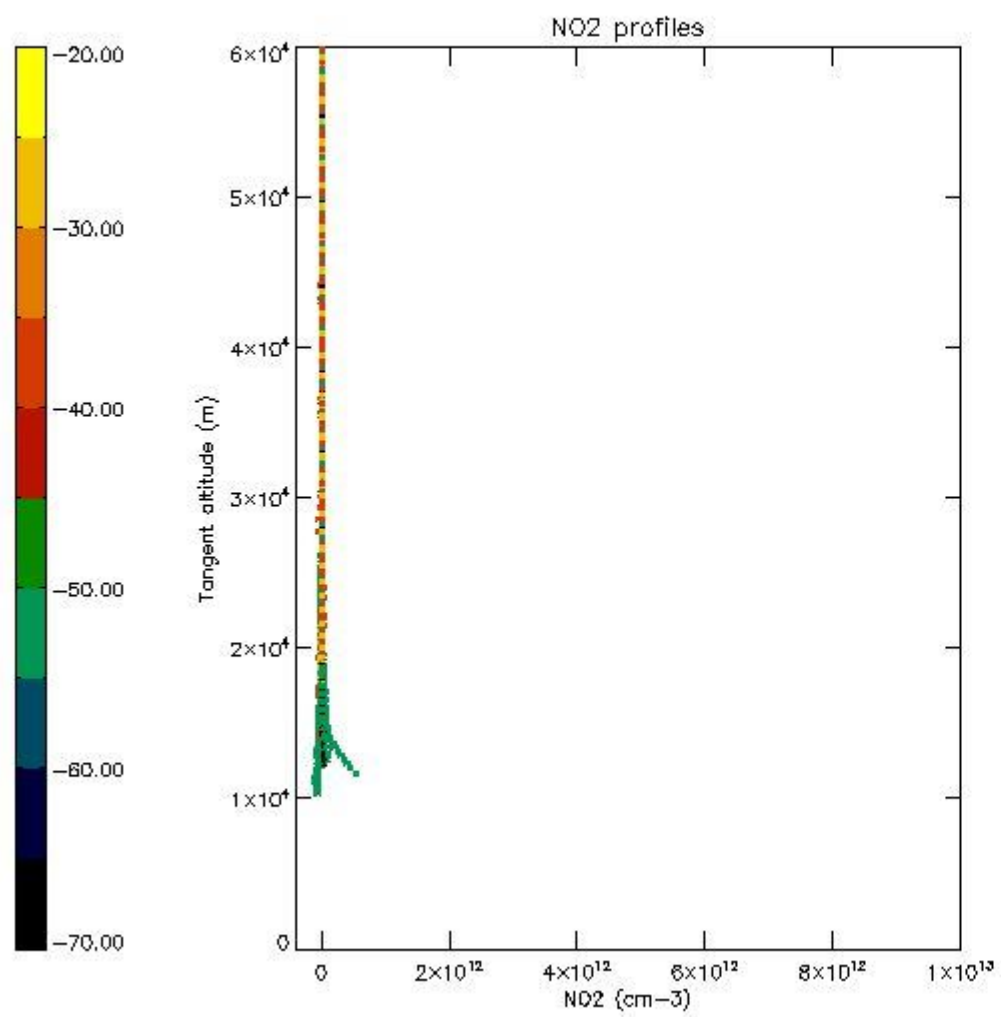
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

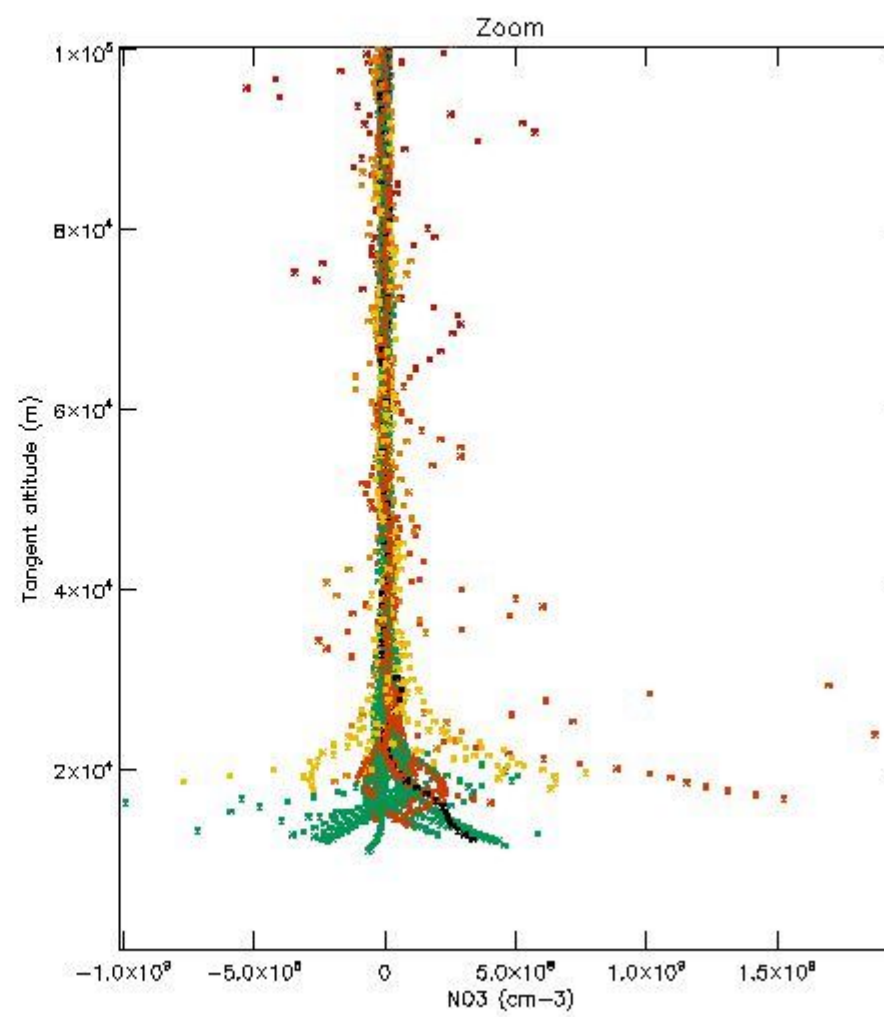
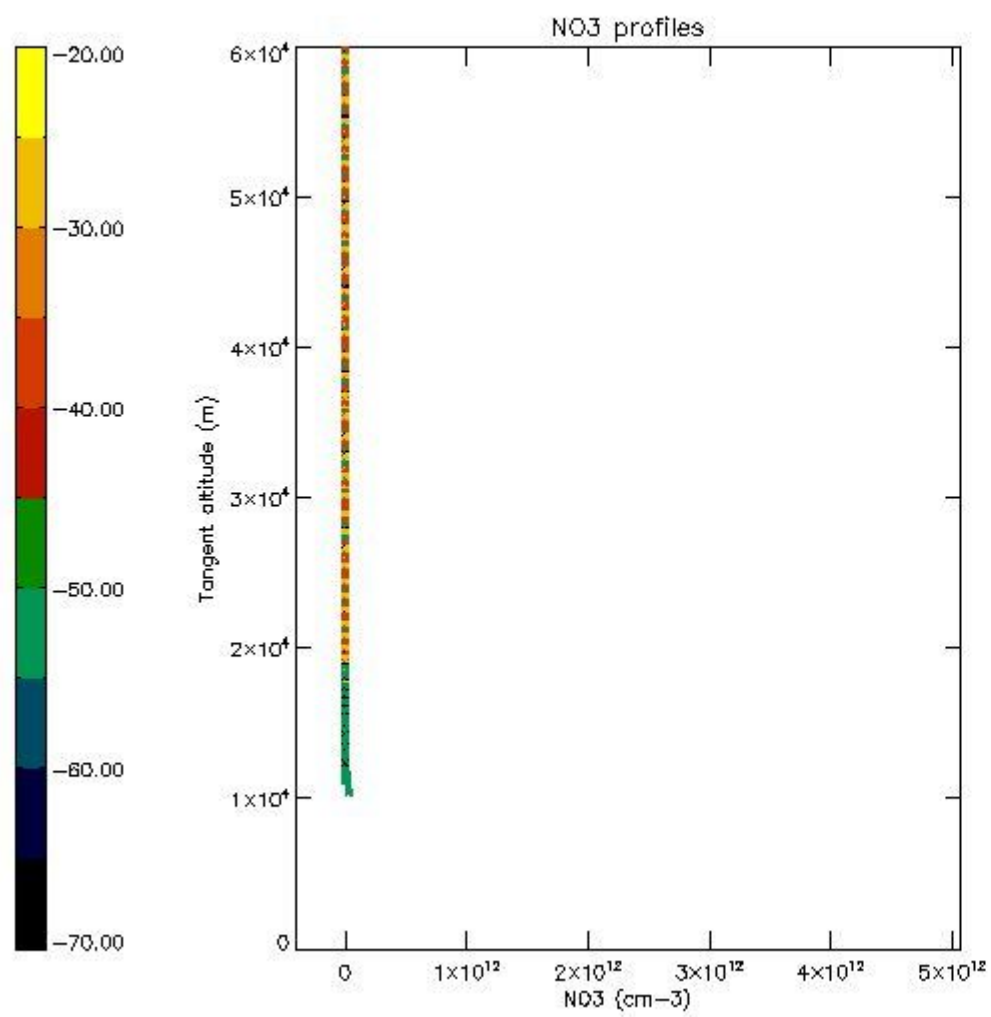
The colorbar represents the latitude.



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

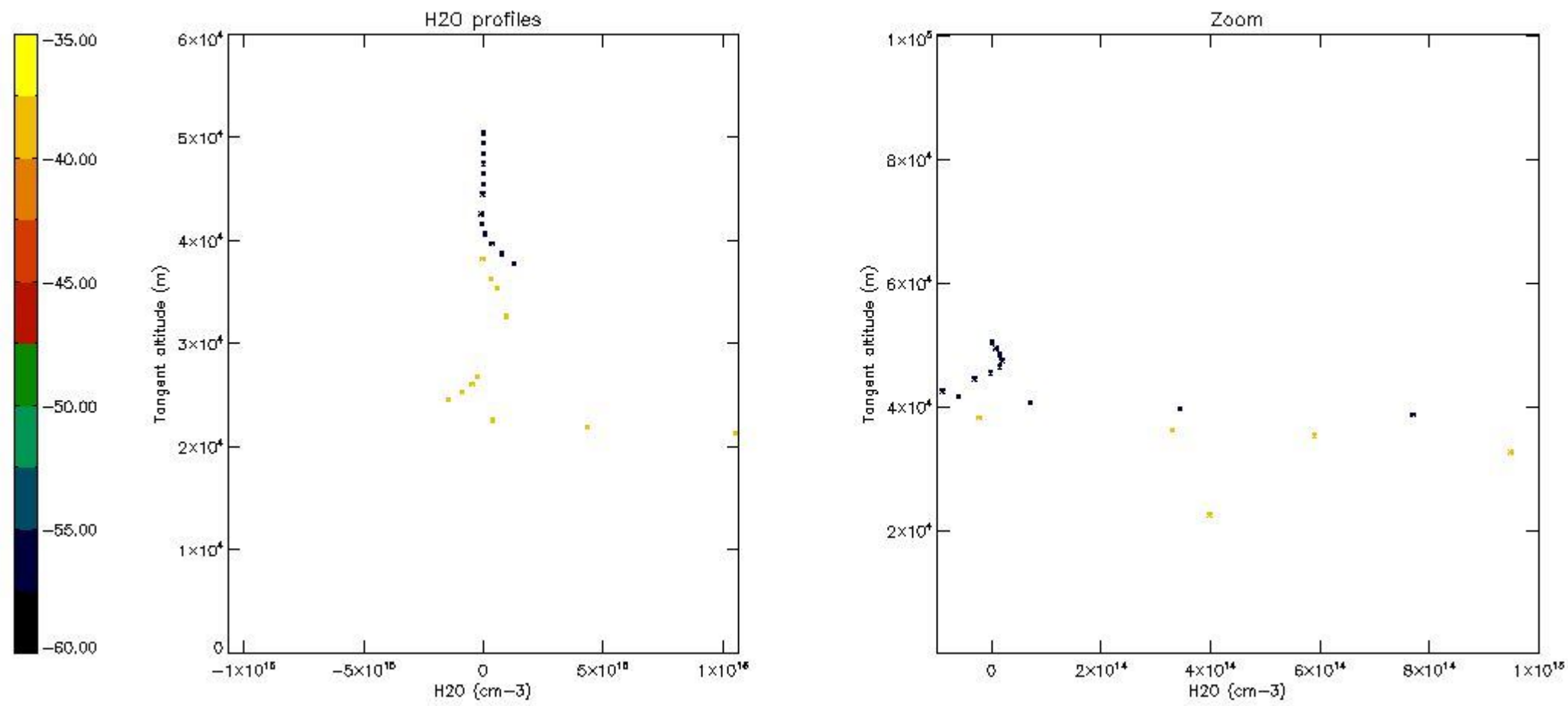
The colorbar represents the latitude.





*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	04-MAY-2010 00:00:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-MAY-2010 00:00:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-MAY-2010 00:00:24

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

Item	Value
Time of report generation	29APR2013 10:23:56
Data source version	GOMOS/6.01
Start time of products	04-05-2010 (04MAY2010 00:00:00)
Stop time of products	05-05-2010 (05MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	254
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__2PRFIN20100504_000024_000000422089_00102_42741_7709.N1	04-MAY-2010 00:00:24	Bright	41.500	83		2.3780	11000.	83	42741	No
2	GOM_NL__2PRFIN20100504_000327_000000412089_00102_42741_7710.N1	04-MAY-2010 00:03:27	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42741	No
3	GOM_NL__2PRFIN20100504_001254_000000432089_00102_42741_7711.N1	04-MAY-2010 00:12:54	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42741	No
4	GOM_NL__2PRFIN20100504_002324_000000442089_00102_42741_7712.N1	04-MAY-2010 00:23:24	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42741	No
5	GOM_NL__2PRFIN20100504_003532_000000522089_00102_42741_7713.N1	04-MAY-2010 00:35:32	Bright	52.000	93	53Bet Peg	2.5200	3100.0	104	42741	No
6	GOM_NL__2PRFIN20100504_003935_000000482089_00102_42741_7714.N1	04-MAY-2010 00:39:35	Twilight	48.000	90	54Alp Peg	2.4870	11000.	96	42741	No
7	GOM_NL__2PRFIN20100504_004416_000000702089_00102_42741_7715.N1	04-MAY-2010 00:44:16	Dark	70.000	61	8Eps Peg	2.1000	3900.0	140	42741	No
8	GOM_NL__2PRFIN20100504_004640_000000562089_00102_42741_7716.N1	04-MAY-2010 00:46:40	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	42741	No
9	GOM_NL__2PRFIN20100504_005042_000000652089_00102_42741_7717.N1	04-MAY-2010 00:50:42	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	42741	No
10	GOM_NL__2PRFIN20100504_011246_000000692089_00103_42742_7711.N1	04-MAY-2010 01:12:46	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	42742	No
11	GOM_NL__2PRFIN20100504_011514_000000572089_00103_42742_7712.N1	04-MAY-2010 01:15:14	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42742	No
12	GOM_NL__2PRFIN20100504_011812_000000582089_00103_42742_7713.N1	04-MAY-2010 01:18:12	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	42742	No
13	GOM_NL__2PRFIN20100504_012149_000000662089_00103_42742_7714.N1	04-MAY-2010 01:21:49	Twilight	65.500	16	21Alp Sco	1.0200	3000.0	131	42742	No
14	GOM_NL__2PRFIN20100504_012356_000000572089_00103_42742_7715.N1	04-MAY-2010 01:23:56	Twilight	56.500	80	7Del Sco	2.3160	30000.	113	42742	No
15	GOM_NL__2PRFIN20100504_012658_000000432089_00103_42742_7716.N1	04-MAY-2010 01:26:58	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	42742	No
16	GOM_NL__2PRFIN20100504_012910_000000472089_00103_42742_7717.N1	04-MAY-2010 01:29:10	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42742	No
17	GOM_NL__2PRFIN20100504_013758_000000412089_00103_42742_7718.N1	04-MAY-2010 01:37:58	Bright	41.000	3	16Alp Boo	-0.050000	4250.0	82	42742	No
18	GOM_NL__2PRFIN20100504_014100_000000462089_00103_42742_7719.N1	04-MAY-2010 01:41:00	Bright	46.000	83		2.3780	11000.	92	42742	No
19	GOM_NL__2PRFIN20100504_014402_000000392089_00103_42742_7720.N1	04-MAY-2010 01:44:02	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42742	No
20	GOM_NL__2PRFIN20100504_015329_000000442089_00103_42742_7721.N1	04-MAY-2010 01:53:29	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42742	No
21	GOM_NL__2PRFIN20100504_020359_000000442089_00103_42742_7722.N1	04-MAY-2010 02:03:59	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42742	No
22	GOM_NL__2PRFIN20100504_021608_000000562089_00103_42742_7723.N1	04-MAY-2010 02:16:08	Bright	56.000	93	53Bet Peg	2.5200	3100.0	112	42742	No
23	GOM_NL__2PRFIN20100504_022012_000000472089_00103_42742_7724.N1	04-MAY-2010 02:20:12	Twilight	46.500	90	54Alp Peg	2.4870	11000.	93	42742	No
24	GOM_NL__2PRFIN20100504_022453_000000702089_00103_42742_7725.N1	04-MAY-2010 02:24:53	Dark	70.000	61	8Eps Peg	2.1000	3900.0	140	42742	No
25	GOM_NL__2PRFIN20100504_022717_000000582089_00103_42742_7726.N1	04-MAY-2010 02:27:17	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	42742	No
26	GOM_NL__2PRFIN20100504_023119_000000622089_00103_42742_7727.N1	04-MAY-2010 02:31:19	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	42742	No
27	GOM_NL__2PRFIN20100504_023733_000000432089_00103_42742_7728.N1	04-MAY-2010 02:37:33	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42742	No
28	GOM_NL__2PRFIN20100504_025323_000000652089_00104_42743_7739.N1	04-MAY-2010 02:53:23	Straylight	64.500	38	20Eps Sgr	1.8360	11000.	129	42743	No
29	GOM_NL__2PRFIN20100504_025551_000000562089_00104_42743_7740.N1	04-MAY-2010 02:55:51	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42743	No
30	GOM_NL__2PRFIN20100504_025849_000000542089_00104_42743_7741.N1	04-MAY-2010 02:58:49	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	42743	No
31	GOM_NL__2PRFIN20100504_030225_000000672089_00104_42743_7742.N1	04-MAY-2010 03:02:25	Twilight	66.500	16	21Alp Sco	1.0200	3000.0	133	42743	No
32	GOM_NL__2PRFIN20100504_030432_000000602089_00104_42743_7743.N1	04-MAY-2010 03:04:32	Twilight	59.500	80	7Del Sco	2.3160	30000.	119	42743	No
33	GOM_NL__2PRFIN20100504_030735_000000442089_00104_42743_7744.N1	04-MAY-2010 03:07:35	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42743	No
34	GOM_NL__2PRFIN20100504_030946_000000492089_00104_42743_7745.N1	04-MAY-2010 03:09:46	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	42743	No
35	GOM_NL__2PRFIN20100504_031834_000000412089_00104_42743_7746.N1	04-MAY-2010 03:18:34	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	42743	No
36	GOM_NL__2PRFIN20100504_032135_000000432089_00104_42743_7747.N1	04-MAY-2010 03:21:35	Bright	42.500	83		2.3780	11000.	85	42743	No
37	GOM_NL__2PRFIN20100504_032438_000000402089_00104_42743_7748.N1	04-MAY-2010 03:24:38	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	42743	No
38	GOM_NL__2PRFIN20100504_033405_000000442089_00104_42743_7749.N1	04-MAY-2010 03:34:05	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42743	No
39	GOM_NL__2PRFIN20100504_034435_000000412089_00104_42743_7750.N1	04-MAY-2010 03:44:35	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42743	No
40	GOM_NL__2PRFIN20100504_035644_000000532089_00104_42743_7751.N1	04-MAY-2010 03:56:44	Bright	53.000	93	53Bet Peg	2.5200	3100.0	106	42743	No
41	GOM_NL__2PRFIN20100504_040048_000000462089_00104_42743_7752.N1	04-MAY-2010 04:00:48	Twilight	46.000	90	54Alp Peg	2.4870	11000.	92	42743	No
42	GOM_NL__2PRFIN20100504_040530_000000752089_00104_42743_7753.N1	04-MAY-2010 04:05:30	Dark	74.500	61	8Eps Peg	2.1000	3900.0	149	42743	No

43	GOM_NL__2PRFIN20100504_040754_000000572089_00104_42743_7754.N1	04-MAY-2010 04:07:54	Dark	57.000	162	34Alp Aqr	2.9440	5350.0	114	42743	No
44	GOM_NL__2PRFIN20100504_041157_000000662089_00104_42743_7755.N1	04-MAY-2010 04:11:57	Dark	65.500	154	22Bet Aqr	2.8990	5700.0	131	42743	No
45	GOM_NL__2PRFIN20100504_043400_000000632089_00105_42744_7747.N1	04-MAY-2010 04:34:00	Straylight	63.000	38	20Eps Sgr	1.8360	11000.	126	42744	No
46	GOM_NL__2PRFIN20100504_043628_000000562089_00105_42744_7748.N1	04-MAY-2010 04:36:28	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	42744	No
47	GOM_NL__2PRFIN20100504_043926_000000592089_00105_42744_7749.N1	04-MAY-2010 04:39:26	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42744	No
48	GOM_NL__2PRFIN20100504_044302_000000762089_00105_42744_7750.N1	04-MAY-2010 04:43:02	Twilight	76.000	16	21Alp Sco	1.0200	3000.0	152	42744	No
49	GOM_NL__2PRFIN20100504_044509_000000572089_00105_42744_7751.N1	04-MAY-2010 04:45:09	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42744	No
50	GOM_NL__2PRFIN20100504_044811_000000462089_00105_42744_7752.N1	04-MAY-2010 04:48:11	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42744	No
51	GOM_NL__2PRFIN20100504_045022_000000472089_00105_42744_7753.N1	04-MAY-2010 04:50:22	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42744	No
52	GOM_NL__2PRFIN20100504_045910_000000402089_00105_42744_7754.N1	04-MAY-2010 04:59:10	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	42744	No
53	GOM_NL__2PRFIN20100504_050211_000000462089_00105_42744_7755.N1	04-MAY-2010 05:02:11	Bright	46.000	83		2.3780	11000.	92	42744	No
54	GOM_NL__2PRFIN20100504_050514_000000422089_00105_42744_7756.N1	04-MAY-2010 05:05:14	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	42744	No
55	GOM_NL__2PRFIN20100504_051440_000000442089_00105_42744_7757.N1	04-MAY-2010 05:14:40	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42744	No
56	GOM_NL__2PRFIN20100504_052511_000000442089_00105_42744_7758.N1	04-MAY-2010 05:25:11	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42744	No
57	GOM_NL__2PRFIN20100504_053720_000000512089_00105_42744_7759.N1	04-MAY-2010 05:37:20	Bright	50.500	93	53Bet Peg	2.5200	3100.0	101	42744	No
58	GOM_NL__2PRFIN20100504_054124_000000492089_00105_42744_7760.N1	04-MAY-2010 05:41:24	Twilight	48.500	90	54Alp Peg	2.4870	11000.	97	42744	No
59	GOM_NL__2PRFIN20100504_054607_000000722089_00105_42744_7761.N1	04-MAY-2010 05:46:07	Dark	72.000	61	8Eps Peg	2.1000	3900.0	144	42744	No
60	GOM_NL__2PRFIN20100504_054831_000000582089_00105_42744_7762.N1	04-MAY-2010 05:48:31	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	42744	No
61	GOM_NL__2PRFIN20100504_055234_000000662089_00105_42744_7763.N1	04-MAY-2010 05:52:34	Dark	66.000	154	22Bet Aqr	2.8990	5700.0	132	42744	No
62	GOM_NL__2PRFIN20100504_055846_000000422089_00105_42744_7764.N1	04-MAY-2010 05:58:46	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42744	No
63	GOM_NL__2PRFIN20100504_061438_000000642089_00106_42745_7755.N1	04-MAY-2010 06:14:38	Straylight	63.500	38	20Eps Sgr	1.8360	11000.	127	42745	No
64	GOM_NL__2PRFIN20100504_061705_000000612089_00106_42745_7756.N1	04-MAY-2010 06:17:05	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	42745	No
65	GOM_NL__2PRFIN20100504_062002_000000592089_00106_42745_7757.N1	04-MAY-2010 06:20:02	Straylight	58.500	75	26Eps Sco	2.2910	4250.0	117	42745	No
66	GOM_NL__2PRFIN20100504_062338_000000642089_00106_42745_7758.N1	04-MAY-2010 06:23:38	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	42745	No
67	GOM_NL__2PRFIN20100504_062545_000000572089_00106_42745_7759.N1	04-MAY-2010 06:25:45	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42745	No
68	GOM_NL__2PRFIN20100504_062847_000000442089_00106_42745_7760.N1	04-MAY-2010 06:28:47	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	42745	No
69	GOM_NL__2PRFIN20100504_063058_000000472089_00106_42745_7761.N1	04-MAY-2010 06:30:58	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42745	No
70	GOM_NL__2PRFIN20100504_063945_000000422089_00106_42745_7762.N1	04-MAY-2010 06:39:45	Bright	41.500	3	16Alp Boo	-0.050000	4250.0	83	42745	No
71	GOM_NL__2PRFIN20100504_064246_000000432089_00106_42745_7763.N1	04-MAY-2010 06:42:46	Bright	42.500	83		2.3780	11000.	85	42745	No
72	GOM_NL__2PRFIN20100504_064549_000000412089_00106_42745_7764.N1	04-MAY-2010 06:45:49	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42745	No
73	GOM_NL__2PRFIN20100504_065515_000000432089_00106_42745_7765.N1	04-MAY-2010 06:55:15	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42745	No
74	GOM_NL__2PRFIN20100504_070546_000000422089_00106_42745_7766.N1	04-MAY-2010 07:05:46	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42745	No
75	GOM_NL__2PRFIN20100504_071756_000000472089_00106_42745_7767.N1	04-MAY-2010 07:17:56	Bright	46.500	93	53Bet Peg	2.5200	3100.0	93	42745	No
76	GOM_NL__2PRFIN20100504_072200_000000482089_00106_42745_7768.N1	04-MAY-2010 07:22:00	Twilight	48.000	90	54Alp Peg	2.4870	11000.	96	42745	No
77	GOM_NL__2PRFIN20100504_072644_000000722089_00106_42745_7769.N1	04-MAY-2010 07:26:44	Dark	72.000	61	8Eps Peg	2.1000	3900.0	144	42745	No
78	GOM_NL__2PRFIN20100504_072907_000000592089_00106_42745_7770.N1	04-MAY-2010 07:29:07	Dark	59.000	162	34Alp Aqr	2.9440	5350.0	118	42745	No
79	GOM_NL__2PRFIN20100504_073311_000000662089_00106_42745_7771.N1	04-MAY-2010 07:33:11	Dark	65.500	154	22Bet Aqr	2.8990	5700.0	131	42745	No
80	GOM_NL__2PRFIN20100504_073923_000000442089_00106_42745_7772.N1	04-MAY-2010 07:39:23	Dark	44.000	172	Gam Gru	3.0030	13100.	88	42745	No
81	GOM_NL__2PRFIN20100504_075515_000000702089_00107_42746_7763.N1	04-MAY-2010 07:55:15	Straylight	70.000	38	20Eps Sgr	1.8360	11000.	140	42746	No
82	GOM_NL__2PRFIN20100504_075742_000000562089_00107_42746_7764.N1	04-MAY-2010 07:57:42	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	42746	No
83	GOM_NL__2PRFIN20100504_080039_000000602089_00107_42746_7765.N1	04-MAY-2010 08:00:39	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42746	No
84	GOM_NL__2PRFIN20100504_080415_000000702089_00107_42746_7766.N1	04-MAY-2010 08:04:15	Twilight	69.500	16	21Alp Sco	1.0200	3000.0	139	42746	No
85	GOM_NL__2PRFIN20100504_080621_000000572089_00107_42746_7767.N1	04-MAY-2010 08:06:21	Twilight	56.500	80	7Del Sco	2.3160	30000.	113	42746	No
86	GOM_NL__2PRFIN20100504_080923_000000422089_00107_42746_7768.N1	04-MAY-2010 08:09:23	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	42746	No
87	GOM_NL__2PRFIN20100504_081134_000000462089_00107_42746_7769.N1	04-MAY-2010 08:11:34	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42746	No
88	GOM_NL__2PRFIN20100504_082021_000000412089_00107_42746_7770.N1	04-MAY-2010 08:20:21	Bright	41.000	3	16Alp Boo	-0.050000	4250.0	82	42746	No
89	GOM_NL__2PRFIN20100504_082322_000000452089_00107_42746_7771.N1	04-MAY-2010 08:23:22	Bright	45.000	83		2.3780	11000.	90	42746	No
90	GOM_NL__2PRFIN20100504_082625_000000392089_00107_42746_7772.N1	04-MAY-2010 08:26:25	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	42746	No
91	GOM_NL__2PRFIN20100504_083551_000000462089_00107_42746_7773.N1	04-MAY-2010 08:35:51	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	42746	No
92	GOM_NL__2PRFIN20100504_084622_000000442089_00107_42746_7774.N1	04-MAY-2010 08:46:22	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42746	No
93	GOM_NL__2PRFIN20100504_085833_000000502089_00107_42746_7775.N1	04-MAY-2010 08:58:33	Bright	49.500	93	53Bet Peg	2.5200	3100.0	99	42746	No
94	GOM_NL__2PRFIN20100504_090237_000000482089_00107_42746_7776.N1	04-MAY-2010 09:02:37	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42746	No
95	GOM_NL__2PRFIN20100504_090721_000000662089_00107_42746_7777.N1	04-MAY-2010 09:07:21	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42746	No
96	GOM_NL__2PRFIN20100504_090945_000000592089_00107_42746_7778.N1	04-MAY-2010 09:09:45	Dark	58.500	162	34Alp Aqr	2.9440	5350.0	117	42746	No
97	GOM_NL__2PRFIN20100504_091349_000000642089_00107_42746_7779.N1	04-MAY-2010 09:13:49	Dark	64.000	154	22Bet Aqr	2.8990	5700.0	128	42746	No
98	GOM_NL__2PRFIN20100504_092000_000000422089_00107_42746_7780.N1	04-MAY-2010 09:20:00	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42746	No
99	GOM_NL__2PRFIN20100504_093552_000000662089_00108_42747_7771.N1	04-MAY-2010 09:35:52	Straylight	65.500	38	20Eps Sgr	1.8360	11000.	131	42747	No
100	GOM_NL__2PRFIN20100504_093819_000000562089_00108_42747_7772.N1	04-MAY-2010 09:38:19	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	42747	No
101	GOM_NL__2PRFIN20100504_094115_000000572089_00108_42747_7773.N1	04-MAY-2010 09:41:15	Straylight	57.000	75	26Eps Sco	2.2910	4250.0	114	42747	No

102	GOM_NL__2PRFIN20100504_094451_000000772089_00108_42747_7774.N1	04-MAY-2010 09:44:51	Twilight	77.000	16	21Alp Sco	1.0200	3000.0	154	42747	No
103	GOM_NL__2PRFIN20100504_094657_000000602089_00108_42747_7775.N1	04-MAY-2010 09:46:57	Twilight	60.000	80	7Del Sco	2.3160	30000.	120	42747	No
104	GOM_NL__2PRFIN20100504_094959_000000422089_00108_42747_7776.N1	04-MAY-2010 09:49:59	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	42747	No
105	GOM_NL__2PRFIN20100504_095209_000000472089_00108_42747_7777.N1	04-MAY-2010 09:52:09	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42747	No
106	GOM_NL__2PRFIN20100504_100057_000000402089_00108_42747_7778.N1	04-MAY-2010 10:00:57	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	42747	No
107	GOM_NL__2PRFIN20100504_100357_000000442089_00108_42747_7779.N1	04-MAY-2010 10:03:57	Bright	43.500	83		2.3780	11000.	87	42747	No
108	GOM_NL__2PRFIN20100504_100700_000000412089_00108_42747_7780.N1	04-MAY-2010 10:07:00	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42747	No
109	GOM_NL__2PRFIN20100504_101626_000000462089_00108_42747_7781.N1	04-MAY-2010 10:16:26	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	42747	No
110	GOM_NL__2PRFIN20100504_102657_000000622089_00108_42747_7782.N1	04-MAY-2010 10:26:57	Bright	62.000	89	5Alp Cep	2.4510	8000.0	124	42747	No
111	GOM_NL__2PRFIN20100504_103909_000000562089_00108_42747_7783.N1	04-MAY-2010 10:39:09	Bright	56.000	93	53Bet Peg	2.5200	3100.0	112	42747	No
112	GOM_NL__2PRFIN20100504_104313_000000452089_00108_42747_7784.N1	04-MAY-2010 10:43:13	Twilight	45.000	90	54Alp Peg	2.4870	11000.	90	42747	No
113	GOM_NL__2PRFIN20100504_104758_000000662089_00108_42747_7785.N1	04-MAY-2010 10:47:58	Dark	66.000	61	8Eps Peg	2.1000	3900.0	132	42747	No
114	GOM_NL__2PRFIN20100504_105021_000000572089_00108_42747_7786.N1	04-MAY-2010 10:50:21	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42747	No
115	GOM_NL__2PRFIN20100504_105426_000000672089_00108_42747_7787.N1	04-MAY-2010 10:54:26	Dark	67.000	154	22Bet Aqr	2.8990	5700.0	134	42747	No
116	GOM_NL__2PRFIN20100504_110037_000000422089_00108_42747_7788.N1	04-MAY-2010 11:00:37	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42747	No
117	GOM_NL__2PRFIN20100504_111629_000000702089_00109_42748_7779.N1	04-MAY-2010 11:16:29	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	42748	No
118	GOM_NL__2PRFIN20100504_111855_000000602089_00109_42748_7780.N1	04-MAY-2010 11:18:55	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	42748	No
119	GOM_NL__2PRFIN20100504_112152_000000622089_00109_42748_7781.N1	04-MAY-2010 11:21:52	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	42748	No
120	GOM_NL__2PRFIN20100504_112527_000000682089_00109_42748_7782.N1	04-MAY-2010 11:25:27	Twilight	67.500	16	21Alp Sco	1.0200	3000.0	135	42748	No
121	GOM_NL__2PRFIN20100504_112733_000000572089_00109_42748_7783.N1	04-MAY-2010 11:27:33	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42748	No
122	GOM_NL__2PRFIN20100504_113035_000000422089_00109_42748_7784.N1	04-MAY-2010 11:30:35	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	42748	No
123	GOM_NL__2PRFIN20100504_113245_000000472089_00109_42748_7785.N1	04-MAY-2010 11:32:45	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42748	No
124	GOM_NL__2PRFIN20100504_114132_000000402089_00109_42748_7786.N1	04-MAY-2010 11:41:32	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	42748	No
125	GOM_NL__2PRFIN20100504_114433_000000422089_00109_42748_7787.N1	04-MAY-2010 11:44:33	Bright	41.500	83		2.3780	11000.	83	42748	No
126	GOM_NL__2PRFIN20100504_114736_000000412089_00109_42748_7788.N1	04-MAY-2010 11:47:36	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	42748	No
127	GOM_NL__2PRFIN20100504_115701_000000432089_00109_42748_7789.N1	04-MAY-2010 11:57:01	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42748	No
128	GOM_NL__2PRFIN20100504_120733_000000402089_00109_42748_7790.N1	04-MAY-2010 12:07:33	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42748	No
129	GOM_NL__2PRFIN20100504_121945_000000512089_00109_42748_7791.N1	04-MAY-2010 12:19:45	Twilight	51.000	93	53Bet Peg	2.5200	3100.0	102	42748	No
130	GOM_NL__2PRFIN20100504_122349_000000482089_00109_42748_7792.N1	04-MAY-2010 12:23:49	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42748	No
131	GOM_NL__2PRFIN20100504_122835_000000582089_00109_42748_7793.N1	04-MAY-2010 12:28:35	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42748	No
132	GOM_NL__2PRFIN20100504_123058_000000582089_00109_42748_7794.N1	04-MAY-2010 12:30:58	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	42748	No
133	GOM_NL__2PRFIN20100504_123503_000000702089_00109_42748_7795.N1	04-MAY-2010 12:35:03	Dark	69.500	154	22Bet Aqr	2.8990	5700.0	139	42748	No
134	GOM_NL__2PRFIN20100504_124113_000000432089_00109_42748_7796.N1	04-MAY-2010 12:41:13	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42748	No
135	GOM_NL__2PRFIN20100504_125706_000000642089_00110_42749_7787.N1	04-MAY-2010 12:57:06	Straylight	63.500	38	20Eps Sgr	1.8360	11000.	127	42749	No
136	GOM_NL__2PRFIN20100504_125932_000000572089_00110_42749_7788.N1	04-MAY-2010 12:59:32	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	42749	No
137	GOM_NL__2PRFIN20100504_130228_000000582089_00110_42749_7789.N1	04-MAY-2010 13:02:28	Straylight	58.000	75	26Eps Sco	2.2910	4250.0	116	42749	No
138	GOM_NL__2PRFIN20100504_130604_000000672089_00110_42749_7790.N1	04-MAY-2010 13:06:04	Twilight	67.000	16	21Alp Sco	1.0200	3000.0	134	42749	No
139	GOM_NL__2PRFIN20100504_130810_000000572089_00110_42749_7791.N1	04-MAY-2010 13:08:10	Twilight	57.000	80	7Del Sco	2.3160	30000.	114	42749	No
140	GOM_NL__2PRFIN20100504_131111_000000432089_00110_42749_7792.N1	04-MAY-2010 13:11:11	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	42749	No
141	GOM_NL__2PRFIN20100504_131321_000000472089_00110_42749_7793.N1	04-MAY-2010 13:13:21	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	42749	No
142	GOM_NL__2PRFIN20100504_132208_000000412089_00110_42749_7794.N1	04-MAY-2010 13:22:08	Bright	41.000	3	16Alp Boo	-0.050000	4250.0	82	42749	No
143	GOM_NL__2PRFIN20100504_132508_000000412089_00110_42749_7795.N1	04-MAY-2010 13:25:08	Bright	41.000	83		2.3780	11000.	82	42749	No
144	GOM_NL__2PRFIN20100504_132811_000000422089_00110_42749_7796.N1	04-MAY-2010 13:28:11	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42749	No
145	GOM_NL__2PRFIN20100504_133737_000000442089_00110_42749_7797.N1	04-MAY-2010 13:37:37	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	42749	No
146	GOM_NL__2PRFIN20100504_134809_000000522089_00110_42749_7798.N1	04-MAY-2010 13:48:09	Bright	51.500	89	5Alp Cep	2.4510	8000.0	103	42749	No
147	GOM_NL__2PRFIN20100504_140021_000000572089_00110_42749_7799.N1	04-MAY-2010 14:00:21	Twilight	56.500	93	53Bet Peg	2.5200	3100.0	113	42749	No
148	GOM_NL__2PRFIN20100504_140425_000000472089_00110_42749_7800.N1	04-MAY-2010 14:04:25	Twilight	46.500	90	54Alp Peg	2.4870	11000.	93	42749	No
149	GOM_NL__2PRFIN20100504_140911_000000582089_00110_42749_7801.N1	04-MAY-2010 14:09:11	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	42749	No
150	GOM_NL__2PRFIN20100504_141135_000000572089_00110_42749_7802.N1	04-MAY-2010 14:11:35	Dark	56.500	162	34Alp Aqr	2.9440	5350.0	113	42749	No
151	GOM_NL__2PRFIN20100504_141541_000000692089_00110_42749_7803.N1	04-MAY-2010 14:15:41	Dark	68.500	154	22Bet Aqr	2.8990	5700.0	137	42749	No
152	GOM_NL__2PRFIN20100504_142150_000000432089_00110_42749_7804.N1	04-MAY-2010 14:21:50	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42749	No
153	GOM_NL__2PRFIN20100504_143743_000000682089_00111_42750_7797.N1	04-MAY-2010 14:37:43	Straylight	68.000	38	20Eps Sgr	1.8360	11000.	136	42750	No
154	GOM_NL__2PRFIN20100504_144009_000000572089_00111_42750_7798.N1	04-MAY-2010 14:40:09	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42750	No
155	GOM_NL__2PRFIN20100504_144305_000000592089_00111_42750_7799.N1	04-MAY-2010 14:43:05	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	42750	No
156	GOM_NL__2PRFIN20100504_144640_000000722089_00111_42750_7800.N1	04-MAY-2010 14:46:40	Twilight	71.500	16	21Alp Sco	1.0200	3000.0	143	42750	No
157	GOM_NL__2PRFIN20100504_144846_000000552089_00111_42750_7801.N1	04-MAY-2010 14:48:46	Twilight	54.500	80	7Del Sco	2.3160	30000.	109	42750	No
158	GOM_NL__2PRFIN20100504_145147_000000412089_00111_42750_7802.N1	04-MAY-2010 14:51:47	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	42750	No
159	GOM_NL__2PRFIN20100504_145357_000000462089_00111_42750_7803.N1	04-MAY-2010 14:53:57	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42750	No
160	GOM_NL__2PRFIN20100504_150244_000000412089_00111_42750_7804.N1	04-MAY-2010 15:02:44	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	42750	No



161	GOM_NL__2PRFIN20100504_150544_000000422089_00111_42750_7805.N1	04-MAY-2010 15:05:44	Bright	41.500	83		2.3780	11000.	83	42750	No
162	GOM_NL__2PRFIN20100504_150847_000000402089_00111_42750_7806.N1	04-MAY-2010 15:08:47	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	42750	No
163	GOM_NL__2PRFIN20100504_151812_000000642089_00111_42750_7807.N1	04-MAY-2010 15:18:12	Bright	64.000	119	14Eta Dra	2.7270	4700.0	128	42750	No
164	GOM_NL__2PRFIN20100504_152844_000000442089_00111_42750_7808.N1	04-MAY-2010 15:28:44	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42750	No
165	GOM_NL__2PRFIN20100504_154057_000000512089_00111_42750_7809.N1	04-MAY-2010 15:40:57	Twilight	51.000	93	53Bet Peg	2.5200	3100.0	102	42750	No
166	GOM_NL__2PRFIN20100504_154502_000000472089_00111_42750_7810.N1	04-MAY-2010 15:45:02	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42750	No
167	GOM_NL__2PRFIN20100504_154949_000000502089_00111_42750_7811.N1	04-MAY-2010 15:49:49	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42750	No
168	GOM_NL__2PRFIN20100504_155212_000000572089_00111_42750_7812.N1	04-MAY-2010 15:52:12	Dark	57.000	162	34Alp Aqr	2.9440	5350.0	114	42750	No
169	GOM_NL__2PRFIN20100504_155618_000000692089_00111_42750_7813.N1	04-MAY-2010 15:56:18	Dark	69.000	154	22Bet Aqr	2.8990	5700.0	138	42750	No
170	GOM_NL__2PRFIN20100504_160227_000000432089_00111_42750_7814.N1	04-MAY-2010 16:02:27	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42750	No
171	GOM_NL__2PRFIN20100504_161821_000000702089_00112_42751_7805.N1	04-MAY-2010 16:18:21	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	42751	No
172	GOM_NL__2PRFIN20100504_162046_000000552089_00112_42751_7806.N1	04-MAY-2010 16:20:46	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42751	No
173	GOM_NL__2PRFIN20100504_162341_000000602089_00112_42751_7807.N1	04-MAY-2010 16:23:41	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42751	No
174	GOM_NL__2PRFIN20100504_162717_000000712089_00112_42751_7808.N1	04-MAY-2010 16:27:17	Twilight	70.500	16	21Alp Sco	1.0200	3000.0	141	42751	No
175	GOM_NL__2PRFIN20100504_162922_000000622089_00112_42751_7809.N1	04-MAY-2010 16:29:22	Twilight	61.500	80	7Del Sco	2.3160	30000.	123	42751	No
176	GOM_NL__2PRFIN20100504_163223_000000452089_00112_42751_7810.N1	04-MAY-2010 16:32:23	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	42751	No
177	GOM_NL__2PRFIN20100504_163433_000000472089_00112_42751_7811.N1	04-MAY-2010 16:34:33	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42751	No
178	GOM_NL__2PRFIN20100504_164320_000000392089_00112_42751_7812.N1	04-MAY-2010 16:43:20	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42751	No
179	GOM_NL__2PRFIN20100504_164619_000000422089_00112_42751_7813.N1	04-MAY-2010 16:46:19	Bright	42.000	83		2.3780	11000.	84	42751	No
180	GOM_NL__2PRFIN20100504_164923_000000402089_00112_42751_7814.N1	04-MAY-2010 16:49:23	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	42751	No
181	GOM_NL__2PRFIN20100504_165847_000000442089_00112_42751_7815.N1	04-MAY-2010 16:58:47	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42751	No
182	GOM_NL__2PRFIN20100504_170920_000000442089_00112_42751_7816.N1	04-MAY-2010 17:09:20	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	42751	No
183	GOM_NL__2PRFIN20100504_172133_000000532089_00112_42751_7817.N1	04-MAY-2010 17:21:33	Twilight	52.500	93	53Bet Peg	2.5200	3100.0	105	42751	No
184	GOM_NL__2PRFIN20100504_172538_000000452089_00112_42751_7818.N1	04-MAY-2010 17:25:38	Twilight	44.500	90	54Alp Peg	2.4870	11000.	89	42751	No
185	GOM_NL__2PRFIN20100504_173026_000000502089_00112_42751_7819.N1	04-MAY-2010 17:30:26	Dark	50.000	61	8Eps Peg	2.1000	3900.0	100	42751	No
186	GOM_NL__2PRFIN20100504_173249_000000562089_00112_42751_7820.N1	04-MAY-2010 17:32:49	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42751	No
187	GOM_NL__2PRFIN20100504_173655_000000642089_00112_42751_7821.N1	04-MAY-2010 17:36:55	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	42751	No
188	GOM_NL__2PRFIN20100504_174304_000000432089_00112_42751_7822.N1	04-MAY-2010 17:43:04	Dark	42.500	172	Gam Gru	3.0030	13100.	85	42751	No
189	GOM_NL__2PRFIN20100504_175858_000000652089_00113_42752_7813.N1	04-MAY-2010 17:58:58	Straylight	64.500	38	20Eps Sgr	1.8360	11000.	129	42752	No
190	GOM_NL__2PRFIN20100504_180123_000000602089_00113_42752_7814.N1	04-MAY-2010 18:01:23	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	42752	No
191	GOM_NL__2PRFIN20100504_180418_000000612089_00113_42752_7815.N1	04-MAY-2010 18:04:18	Straylight	60.500	75	26Eps Sco	2.2910	4250.0	121	42752	No
192	GOM_NL__2PRFIN20100504_180753_000000752089_00113_42752_7816.N1	04-MAY-2010 18:07:53	Twilight	75.000	16	21Alp Sco	1.0200	3000.0	150	42752	No
193	GOM_NL__2PRFIN20100504_180958_000000622089_00113_42752_7817.N1	04-MAY-2010 18:09:58	Twilight	61.500	80	7Del Sco	2.3160	30000.	123	42752	No
194	GOM_NL__2PRFIN20100504_181259_000000462089_00113_42752_7818.N1	04-MAY-2010 18:12:59	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	42752	No
195	GOM_NL__2PRFIN20100504_181509_000000482089_00113_42752_7819.N1	04-MAY-2010 18:15:09	Bright	47.500	104	27Bet Lib	2.6140	13100.	95	42752	No
196	GOM_NL__2PRFIN20100504_182355_000000432089_00113_42752_7820.N1	04-MAY-2010 18:23:55	Bright	42.500	3	16Alp Boo	-0.050000	4250.0	85	42752	No
197	GOM_NL__2PRFIN20100504_182655_000000462089_00113_42752_7821.N1	04-MAY-2010 18:26:55	Bright	45.500	83		2.3780	11000.	91	42752	No
198	GOM_NL__2PRFIN20100504_182958_000000422089_00113_42752_7822.N1	04-MAY-2010 18:29:58	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	42752	No
199	GOM_NL__2PRFIN20100504_183922_000000452089_00113_42752_7823.N1	04-MAY-2010 18:39:22	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	42752	No
200	GOM_NL__2PRFIN20100504_184956_000000432089_00113_42752_7824.N1	04-MAY-2010 18:49:56	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42752	No
201	GOM_NL__2PRFIN20100504_190209_000000482089_00113_42752_7825.N1	04-MAY-2010 19:02:09	Twilight	48.000	93	53Bet Peg	2.5200	3100.0	96	42752	No
202	GOM_NL__2PRFIN20100504_190614_000000472089_00113_42752_7826.N1	04-MAY-2010 19:06:14	Twilight	47.000	90	54Alp Peg	2.4870	11000.	94	42752	No
203	GOM_NL__2PRFIN20100504_191103_000000422089_00113_42752_7827.N1	04-MAY-2010 19:11:03	Dark	42.000	61	8Eps Peg	2.1000	3900.0	84	42752	No
204	GOM_NL__2PRFIN20100504_191325_000000562089_00113_42752_7828.N1	04-MAY-2010 19:13:25	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42752	No
205	GOM_NL__2PRFIN20100504_191733_000000652089_00113_42752_7829.N1	04-MAY-2010 19:17:33	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	42752	No
206	GOM_NL__2PRFIN20100504_192340_000000422089_00113_42752_7830.N1	04-MAY-2010 19:23:40	Dark	42.000	172	Gam Gru	3.0030	13100.	84	42752	No
207	GOM_NL__2PRFIN20100504_193935_000000642089_00114_42753_7859.N1	04-MAY-2010 19:39:35	Straylight	64.000	38	20Eps Sgr	1.8360	11000.	128	42753	No
208	GOM_NL__2PRFIN20100504_194200_000000622089_00114_42753_7860.N1	04-MAY-2010 19:42:00	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	42753	No
209	GOM_NL__2PRFIN20100504_194455_000000552089_00114_42753_7861.N1	04-MAY-2010 19:44:55	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	42753	No
210	GOM_NL__2PRFIN20100504_194829_000000652089_00114_42753_7862.N1	04-MAY-2010 19:48:29	Twilight	64.500	16	21Alp Sco	1.0200	3000.0	129	42753	No
211	GOM_NL__2PRFIN20100504_195035_000000602089_00114_42753_7863.N1	04-MAY-2010 19:50:35	Twilight	59.500	80	7Del Sco	2.3160	30000.	119	42753	No
212	GOM_NL__2PRFIN20100504_195335_000000422089_00114_42753_7864.N1	04-MAY-2010 19:53:35	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	42753	No
213	GOM_NL__2PRFIN20100504_195545_000000462089_00114_42753_7865.N1	04-MAY-2010 19:55:45	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42753	No
214	GOM_NL__2PRFIN20100504_200431_000000412089_00114_42753_7866.N1	04-MAY-2010 20:04:31	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	42753	No
215	GOM_NL__2PRFIN20100504_200730_000000452089_00114_42753_7867.N1	04-MAY-2010 20:07:30	Bright	45.000	83		2.3780	11000.	90	42753	No
216	GOM_NL__2PRFIN20100504_201034_000000412089_00114_42753_7868.N1	04-MAY-2010 20:10:34	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42753	No
217	GOM_NL__2PRFIN20100504_201958_000000442089_00114_42753_7869.N1	04-MAY-2010 20:19:58	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42753	No
218	GOM_NL__2PRFIN20100504_203031_000000422089_00114_42753_7870.N1	04-MAY-2010 20:30:31	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42753	No
219	GOM_NL__2PRFIN20100504_204245_000000542089_00114_42753_7871.N1	04-MAY-2010 20:42:45	Twilight	53.500	93	53Bet Peg	2.5200	3100.0	107	42753	No

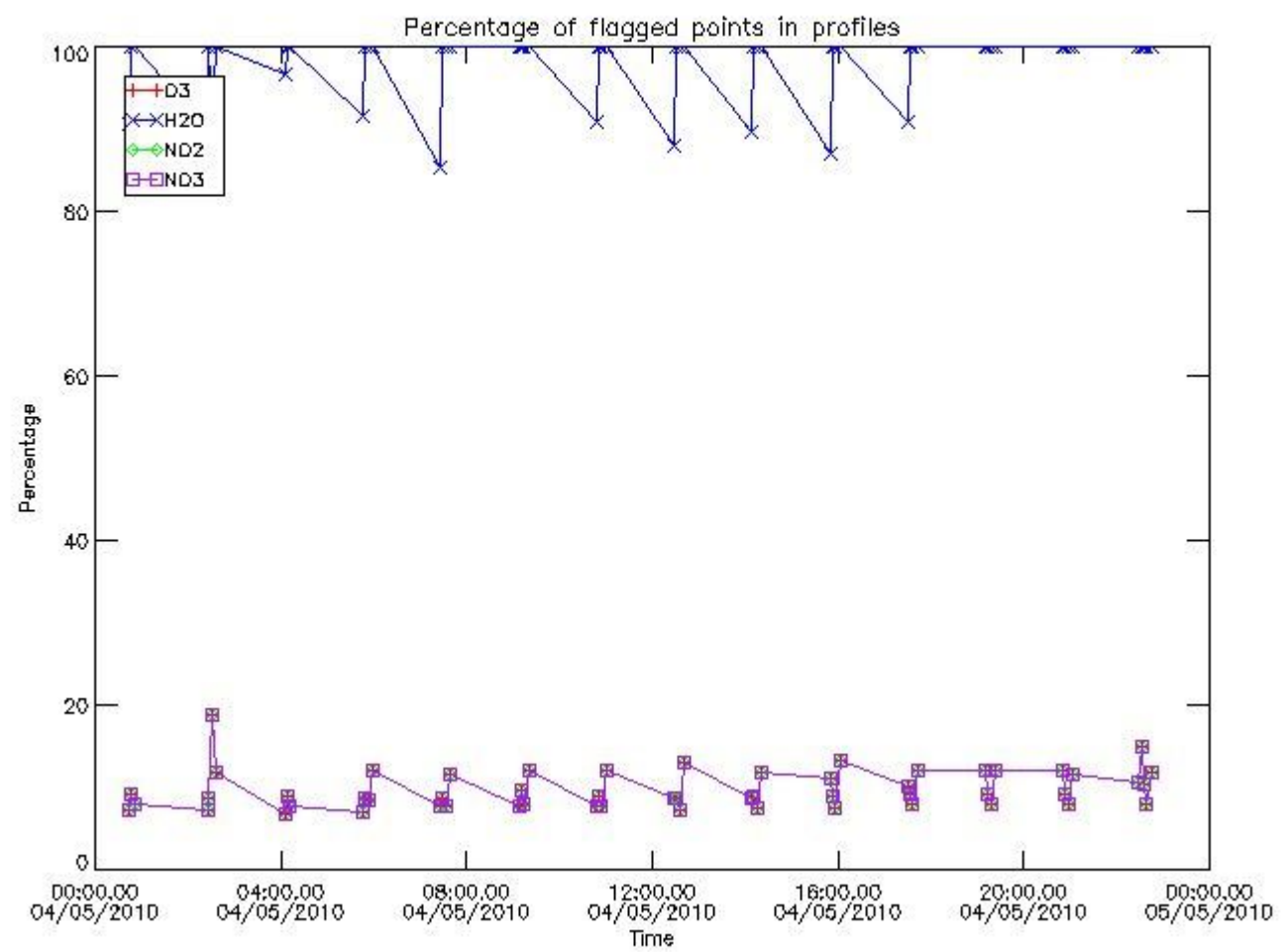


220	GOM_NL__2PRFIN20100504_204651_000000482089_00114_42753_7872.N1	04-MAY-2010 20:46:51	Twilight	47.500	90	54Alp Peg	2.4870	11000.	95	42753	No
221	GOM_NL__2PRFIN20100504_205139_000000422089_00114_42753_7873.N1	04-MAY-2010 20:51:39	Dark	42.000	61	8Eps Peg	2.1000	3900.0	84	42753	No
222	GOM_NL__2PRFIN20100504_205402_000000562089_00114_42753_7874.N1	04-MAY-2010 20:54:02	Dark	56.000	162	34Alp Aqr	2.9440	5350.0	112	42753	No
223	GOM_NL__2PRFIN20100504_205811_000000642089_00114_42753_7875.N1	04-MAY-2010 20:58:11	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	42753	No
224	GOM_NL__2PRFIN20100504_210417_000000442089_00114_42753_7876.N1	04-MAY-2010 21:04:17	Dark	44.000	172	Gam Gru	3.0030	13100.	88	42753	No
225	GOM_NL__2PRFIN20100504_212012_000000642089_00115_42754_7872.N1	04-MAY-2010 21:20:12	Straylight	64.000	38	20Eps Sgr	1.8360	11000.	128	42754	No
226	GOM_NL__2PRFIN20100504_212236_000000572089_00115_42754_7873.N1	04-MAY-2010 21:22:36	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	42754	No
227	GOM_NL__2PRFIN20100504_212532_000000602089_00115_42754_7874.N1	04-MAY-2010 21:25:32	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	42754	No
228	GOM_NL__2PRFIN20100504_212906_000000662089_00115_42754_7875.N1	04-MAY-2010 21:29:06	Tw_i_and_stray	66.000	16	21Alp Sco	1.0200	3000.0	132	42754	No
229	GOM_NL__2PRFIN20100504_213111_000000612089_00115_42754_7876.N1	04-MAY-2010 21:31:11	Tw_i_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	42754	No
230	GOM_NL__2PRFIN20100504_213411_000000422089_00115_42754_7877.N1	04-MAY-2010 21:34:11	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	42754	No
231	GOM_NL__2PRFIN20100504_213621_000000472089_00115_42754_7878.N1	04-MAY-2010 21:36:21	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	42754	No
232	GOM_NL__2PRFIN20100504_214507_000000392089_00115_42754_7879.N1	04-MAY-2010 21:45:07	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	42754	No
233	GOM_NL__2PRFIN20100504_214806_000000442089_00115_42754_7880.N1	04-MAY-2010 21:48:06	Bright	43.500	83		2.3780	11000.	87	42754	No
234	GOM_NL__2PRFIN20100504_215109_000000392089_00115_42754_7881.N1	04-MAY-2010 21:51:09	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	42754	No
235	GOM_NL__2PRFIN20100504_220033_000000442089_00115_42754_7882.N1	04-MAY-2010 22:00:33	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	42754	No
236	GOM_NL__2PRFIN20100504_221107_000000502089_00115_42754_7883.N1	04-MAY-2010 22:11:07	Bright	49.500	89	5Alp Cep	2.4510	8000.0	99	42754	No
237	GOM_NL__2PRFIN20100504_222321_000000542089_00115_42754_7884.N1	04-MAY-2010 22:23:21	Tw_i_and_stray	54.000	93	53Bet Peg	2.5200	3100.0	108	42754	No
238	GOM_NL__2PRFIN20100504_222727_000000482089_00115_42754_7885.N1	04-MAY-2010 22:27:27	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	42754	No
239	GOM_NL__2PRFIN20100504_223216_000000342089_00115_42754_7886.N1	04-MAY-2010 22:32:16	Dark	34.000	61	8Eps Peg	2.1000	3900.0	68	42754	No
240	GOM_NL__2PRFIN20100504_223440_000000592089_00115_42754_7887.N1	04-MAY-2010 22:34:40	Dark	58.500	162	34Alp Aqr	2.9440	5350.0	117	42754	No
241	GOM_NL__2PRFIN20100504_223848_000000642089_00115_42754_7888.N1	04-MAY-2010 22:38:48	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	42754	No
242	GOM_NL__2PRFIN20100504_224454_000000432089_00115_42754_7889.N1	04-MAY-2010 22:44:54	Dark	43.000	172	Gam Gru	3.0030	13100.	86	42754	No
243	GOM_NL__2PRFIN20100504_230049_000000642089_00116_42755_7905.N1	04-MAY-2010 23:00:49	Straylight	64.000	38	20Eps Sgr	1.8360	11000.	128	42755	No
244	GOM_NL__2PRFIN20100504_230313_000000632089_00116_42755_7906.N1	04-MAY-2010 23:03:13	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	42755	No
245	GOM_NL__2PRFIN20100504_230608_000000602089_00116_42755_7907.N1	04-MAY-2010 23:06:08	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	42755	No
246	GOM_NL__2PRFIN20100504_230942_000000762089_00116_42755_7908.N1	04-MAY-2010 23:09:42	Tw_i_and_stray	76.000	16	21Alp Sco	1.0200	3000.0	152	42755	No
247	GOM_NL__2PRFIN20100504_231147_000000592089_00116_42755_7909.N1	04-MAY-2010 23:11:47	Tw_i_and_stray	59.000	80	7Del Sco	2.3160	30000.	118	42755	No
248	GOM_NL__2PRFIN20100504_231447_000000442089_00116_42755_7910.N1	04-MAY-2010 23:14:47	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	42755	No
249	GOM_NL__2PRFIN20100504_231657_000000462089_00116_42755_7911.N1	04-MAY-2010 23:16:57	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	42755	No
250	GOM_NL__2PRFIN20100504_232542_000000422089_00116_42755_7912.N1	04-MAY-2010 23:25:42	Bright	41.500	3	16Alp Boo	-0.050000	4250.0	83	42755	No
251	GOM_NL__2PRFIN20100504_232841_000000442089_00116_42755_7913.N1	04-MAY-2010 23:28:41	Bright	44.000	83		2.3780	11000.	88	42755	No
252	GOM_NL__2PRFIN20100504_233144_000000412089_00116_42755_7914.N1	04-MAY-2010 23:31:44	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	42755	No
253	GOM_NL__2PRFIN20100504_234109_000000422089_00116_42755_7915.N1	04-MAY-2010 23:41:09	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42755	No
254	GOM_NL__2PRFIN20100504_235142_000000442089_00116_42755_7916.N1	04-MAY-2010 23:51:42	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42755	No

### 3. Quality information per product

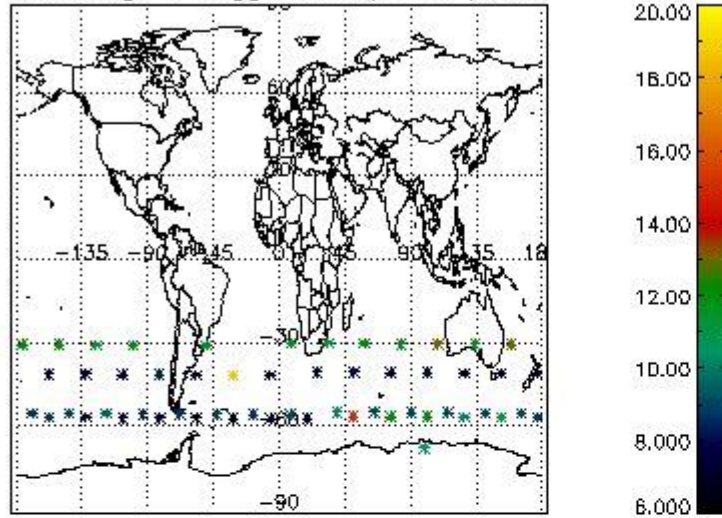
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

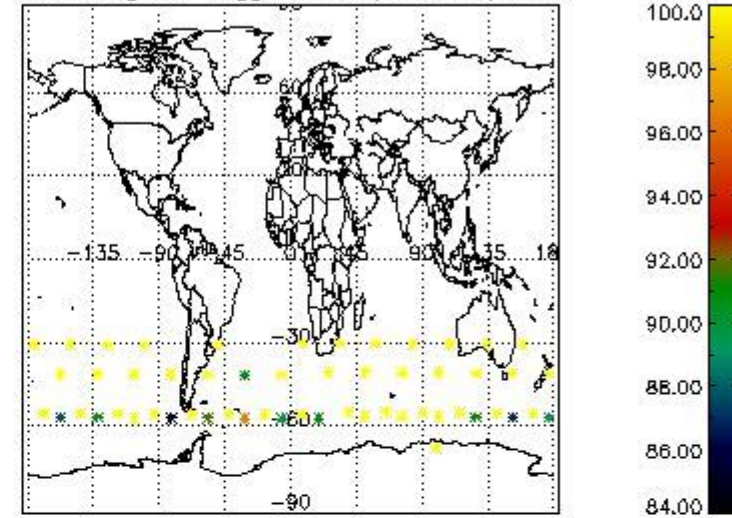


*3.2 Plot quality information per product (world map)*

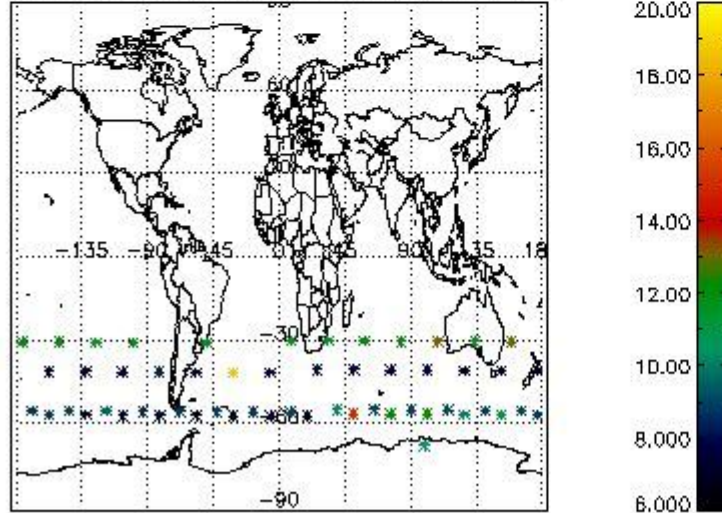
Percentage of flagged data per O3 profile



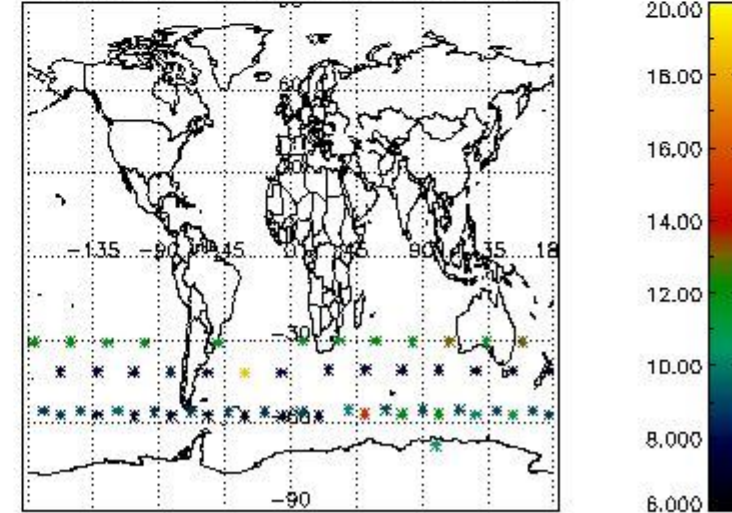
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

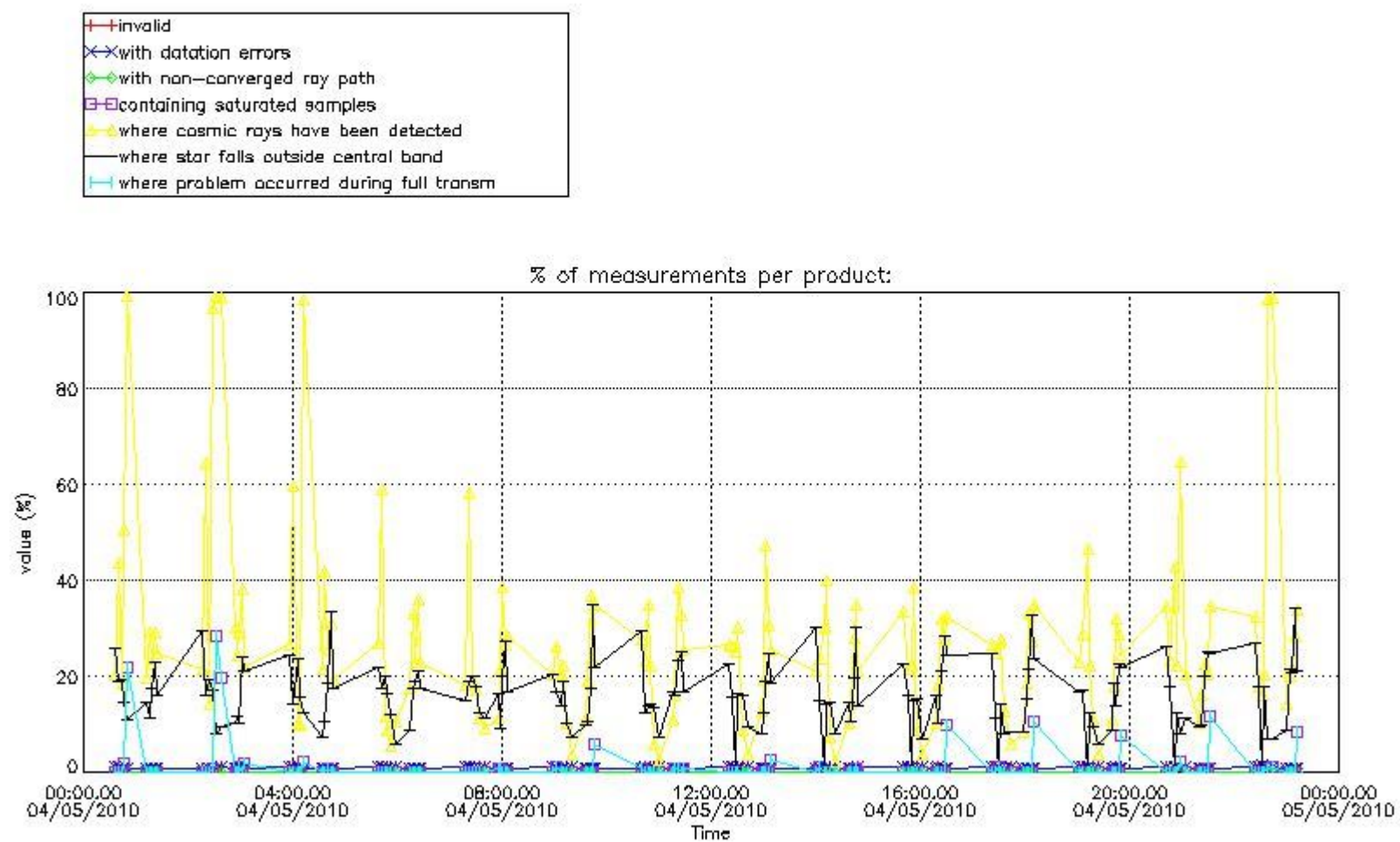


#### 4. Level 1 quality information per product

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

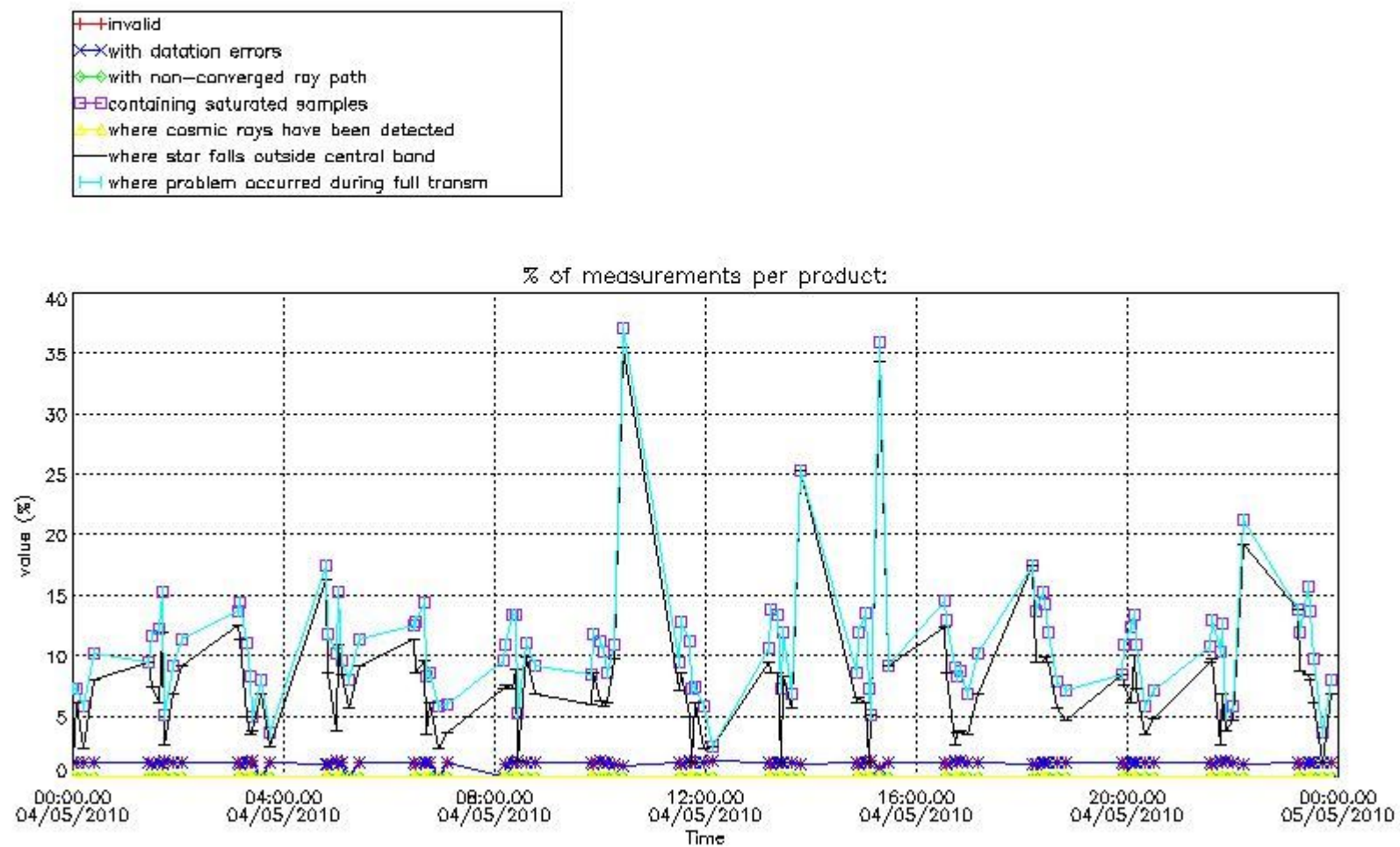
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



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

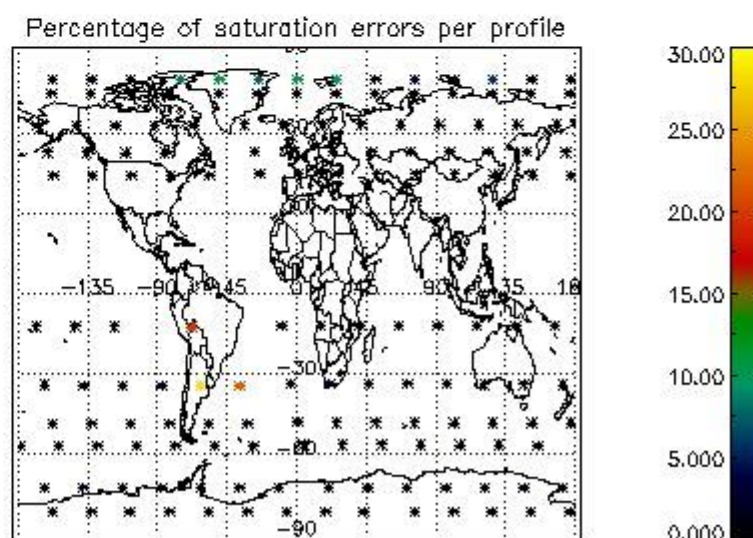
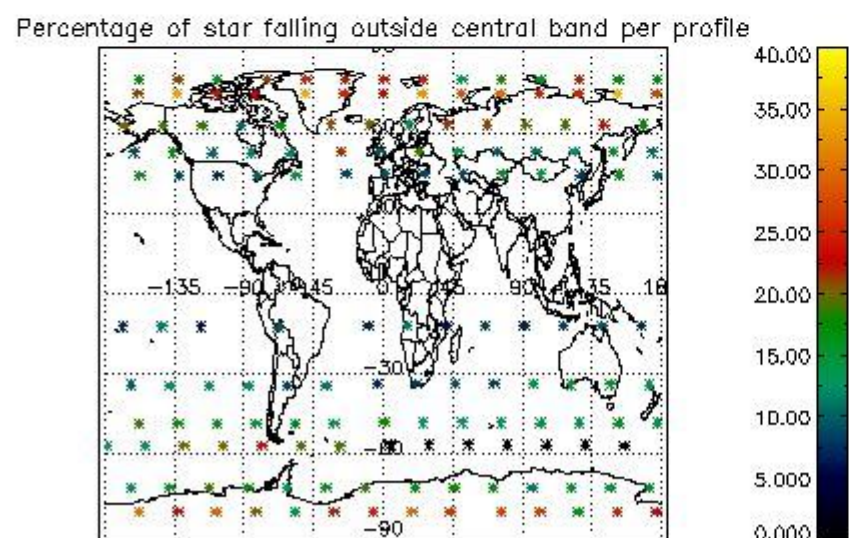
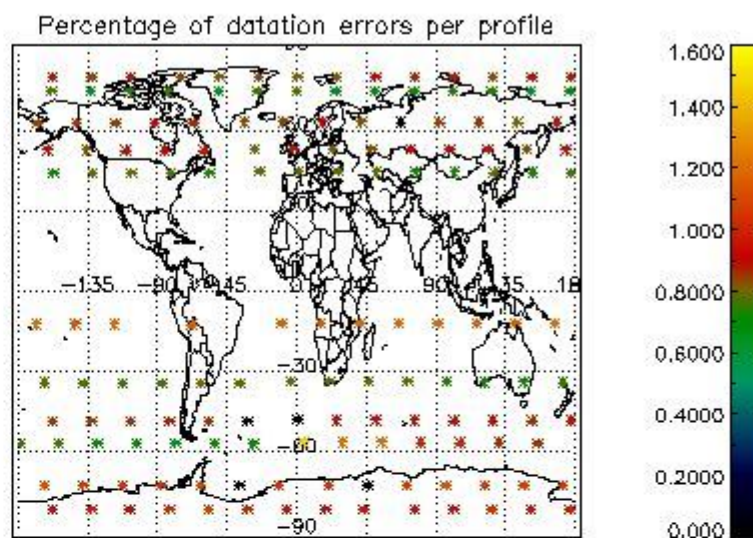
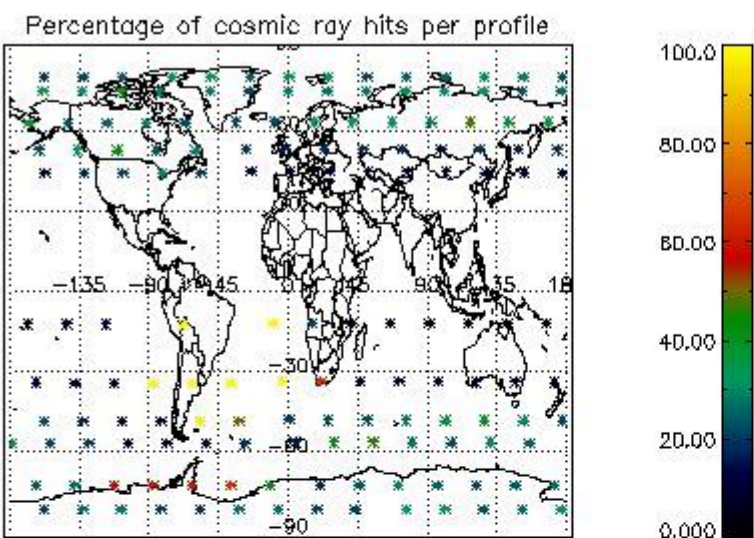




4.2 Plot quality information per product coming from level 1b processing (world map)

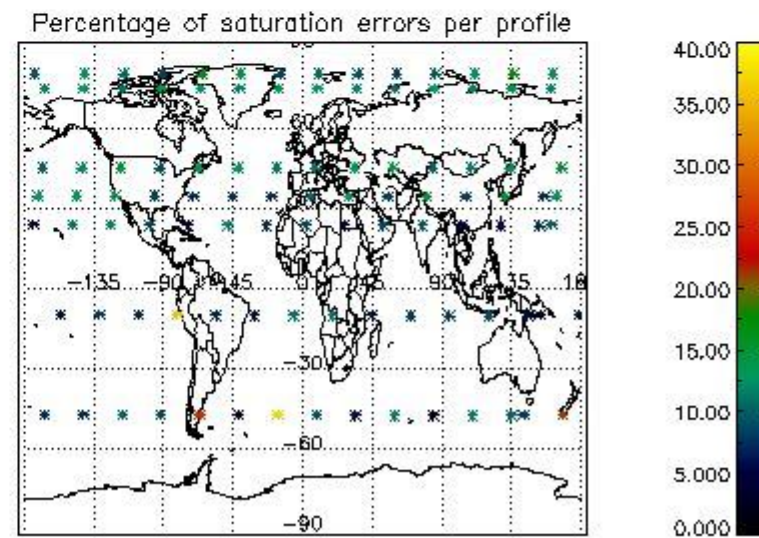
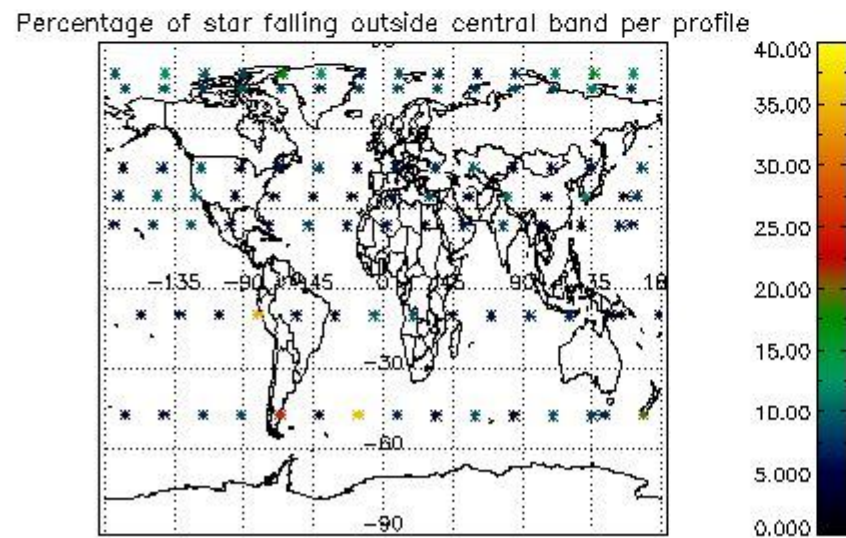
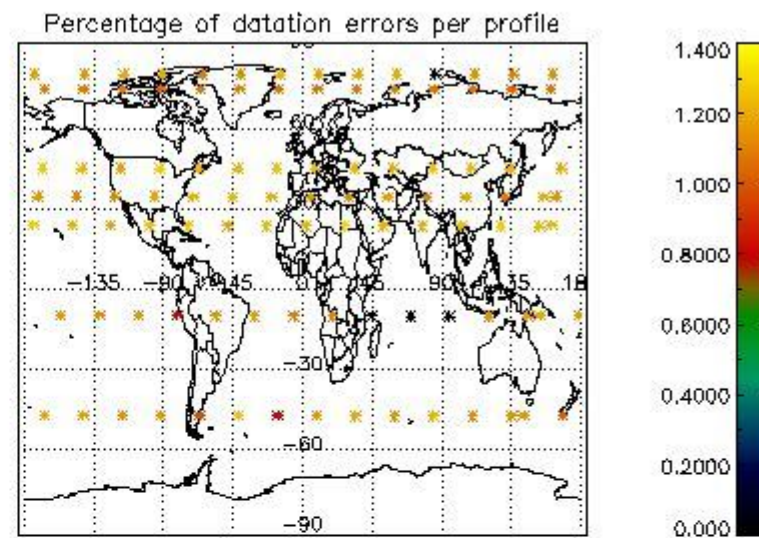
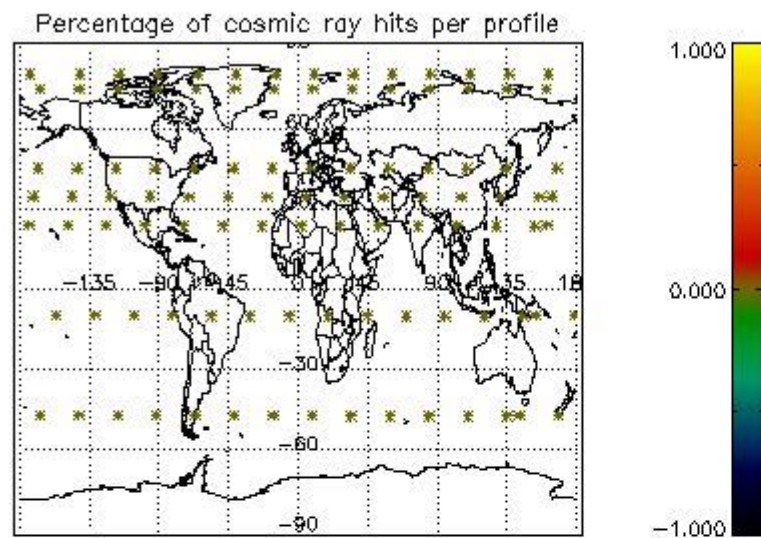
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

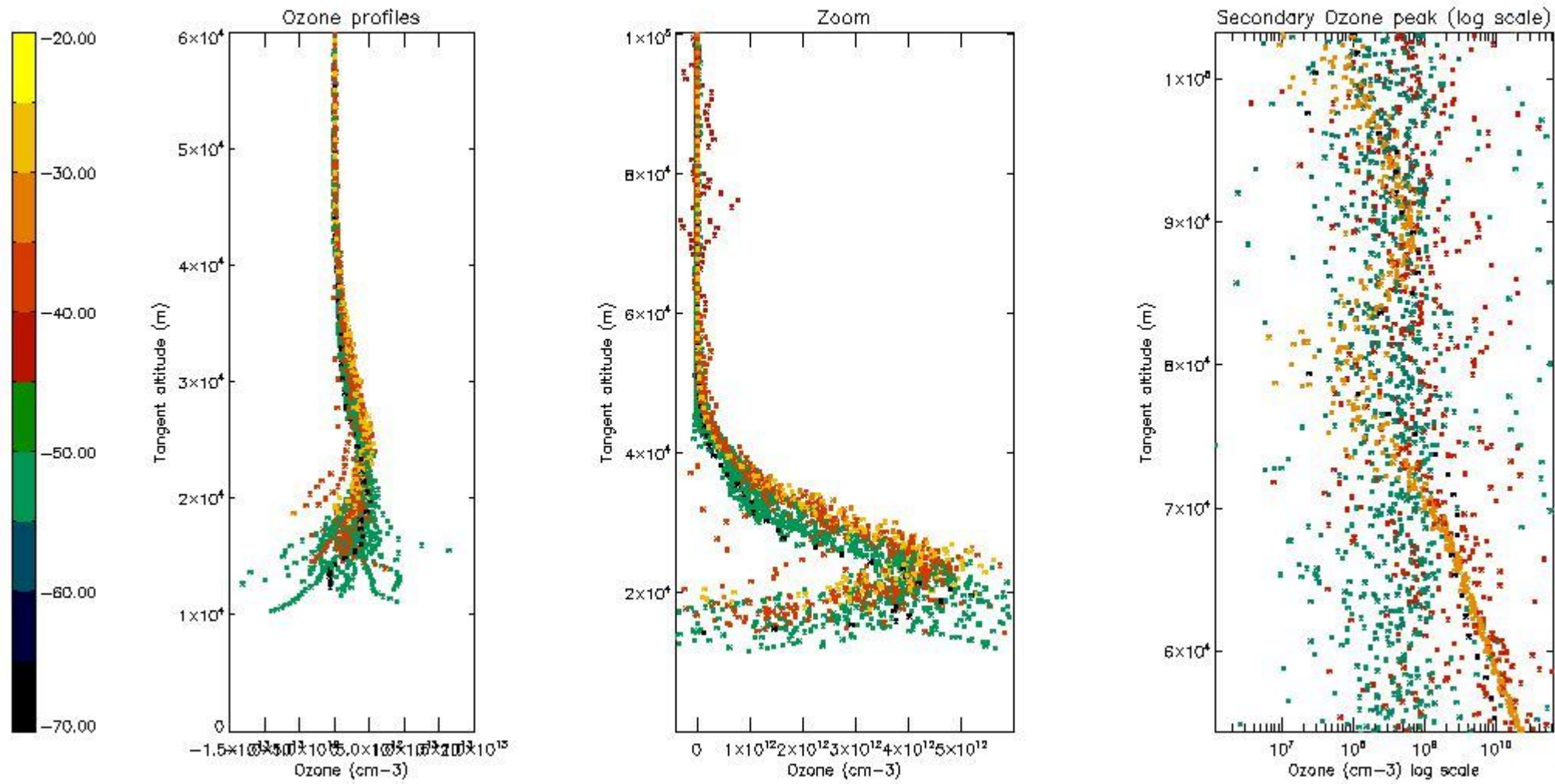
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	6

STD < 10	3
STD < 5	0

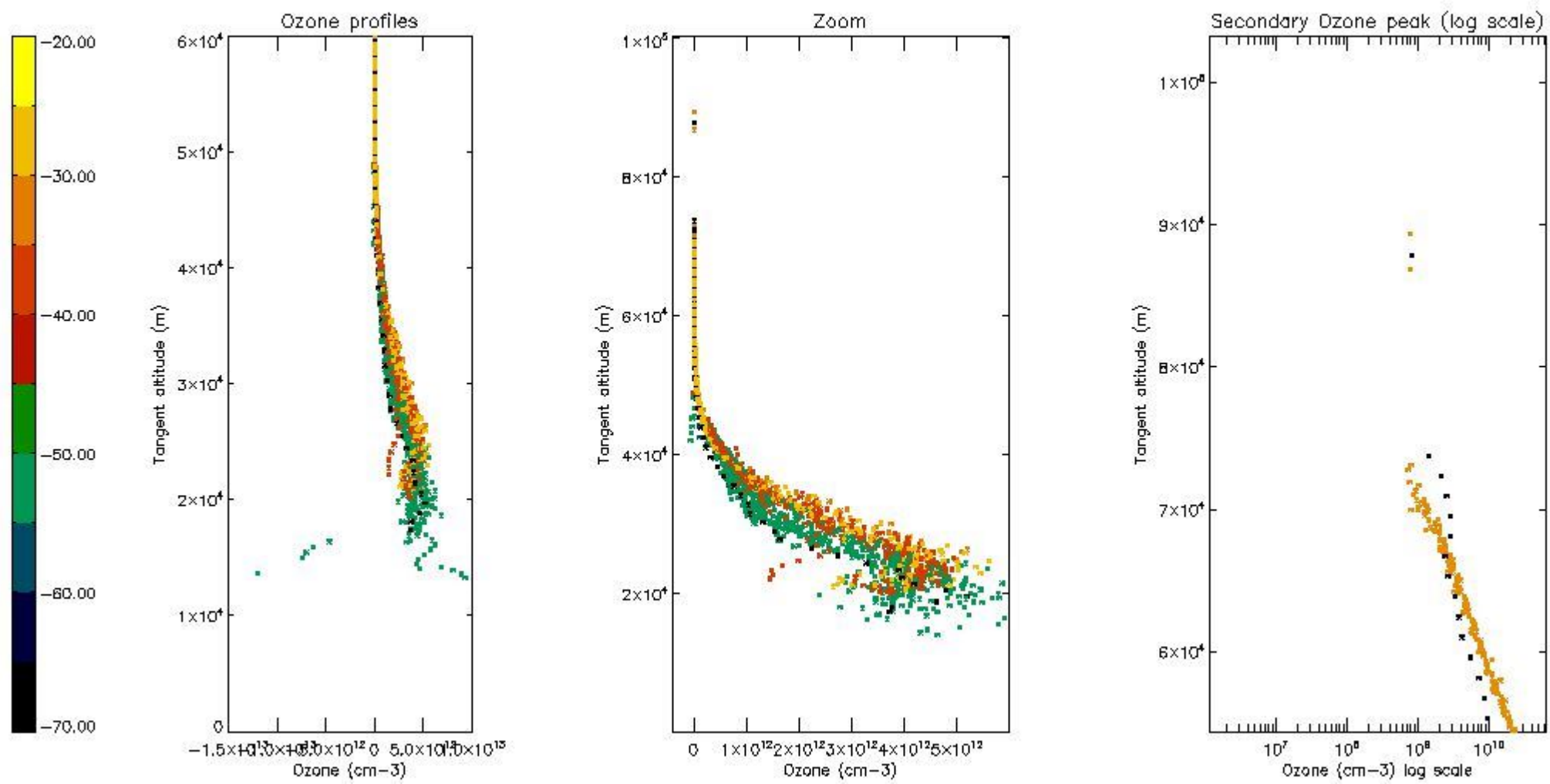
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

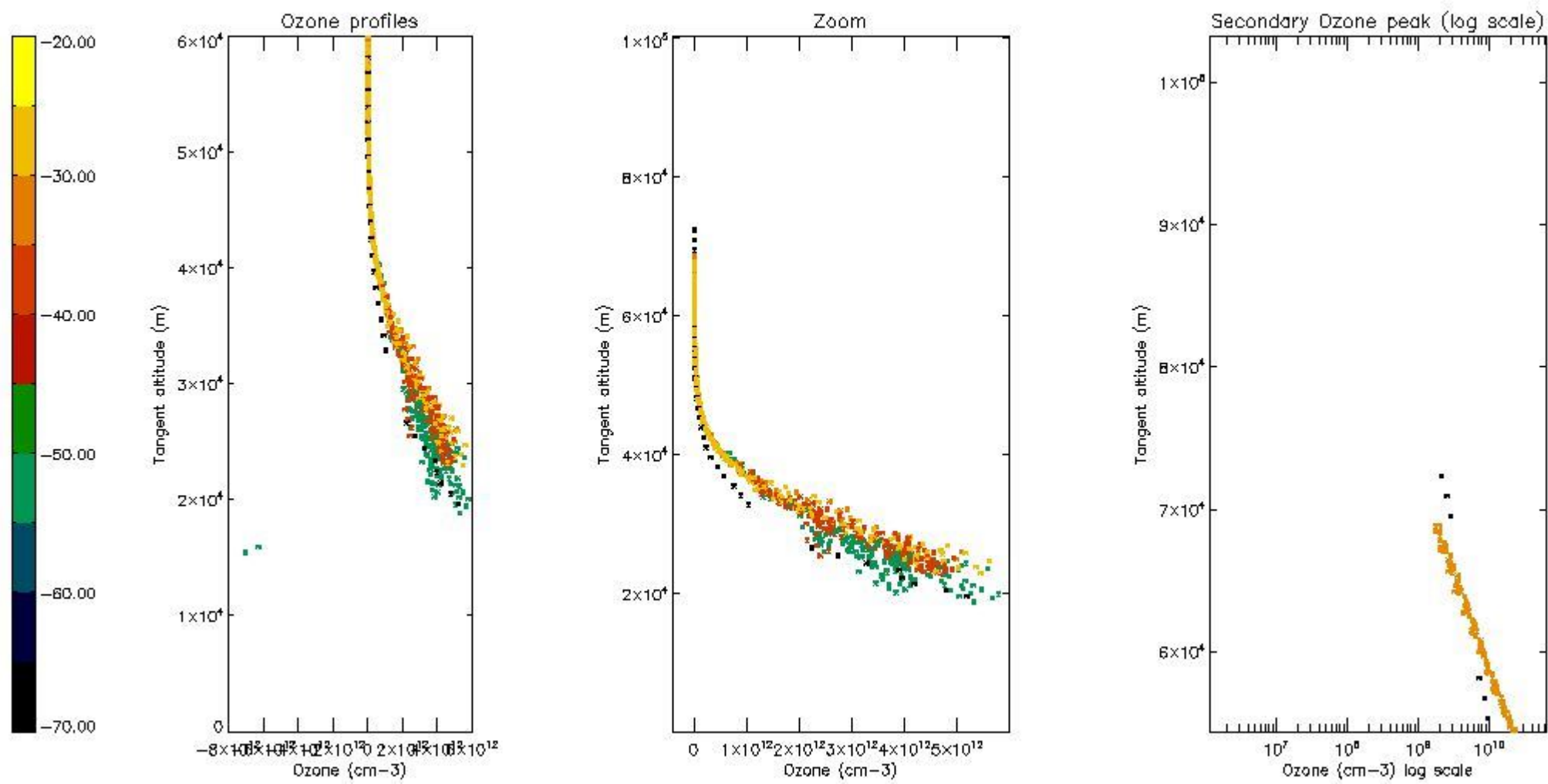
The colorbar represents the latitude.



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

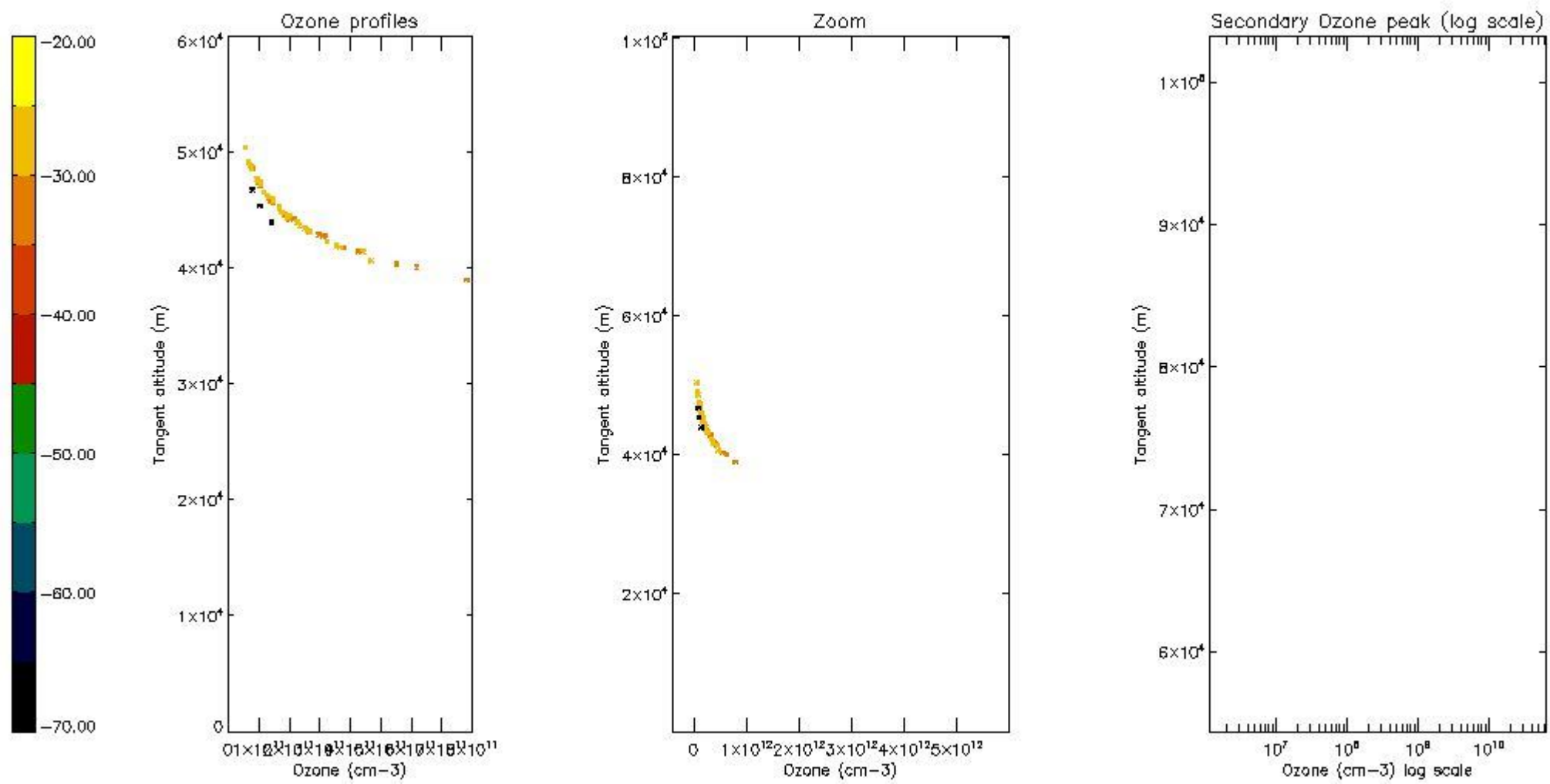
The colorbar represents the latitude.





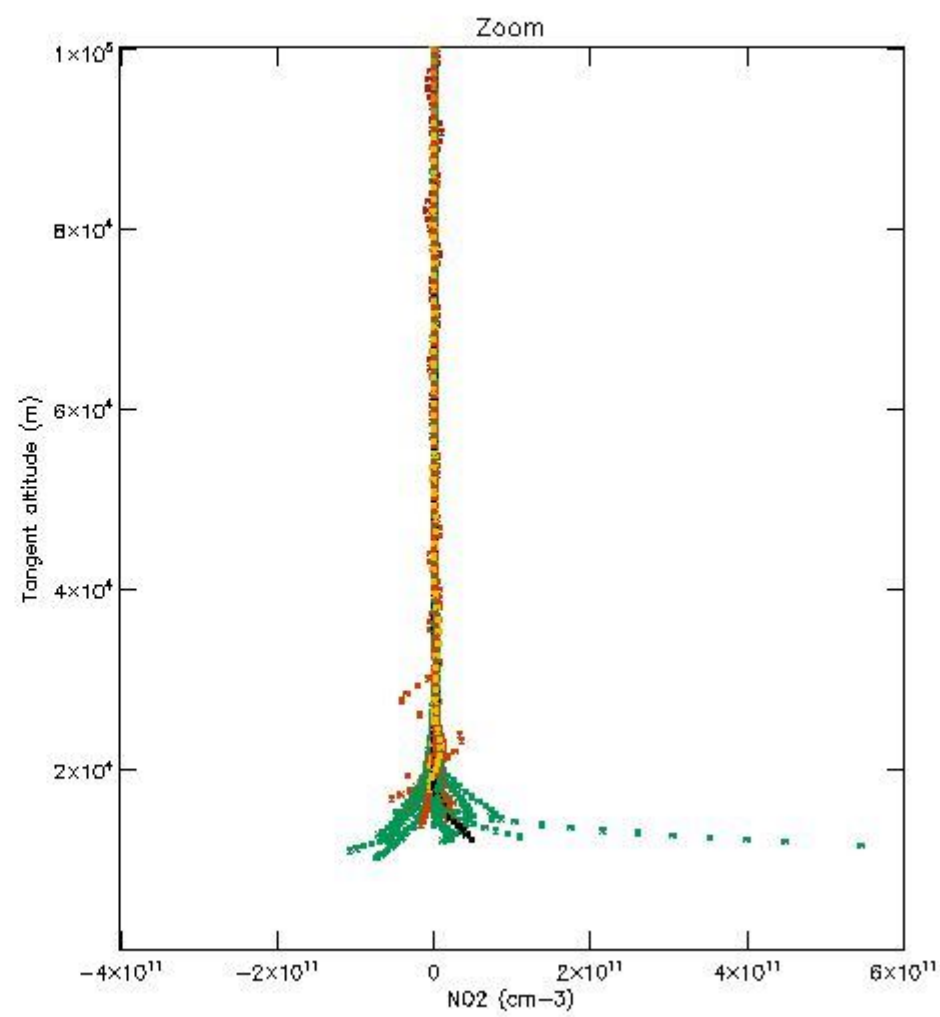
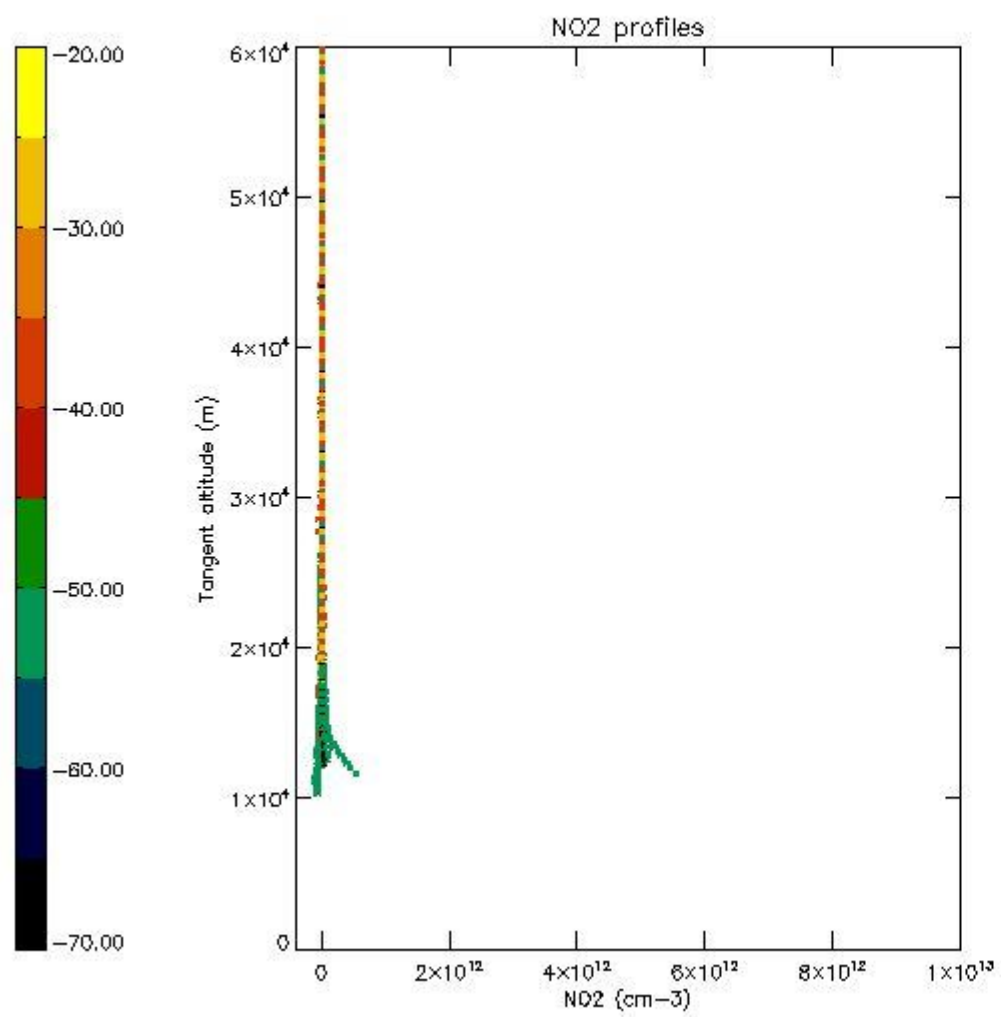
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



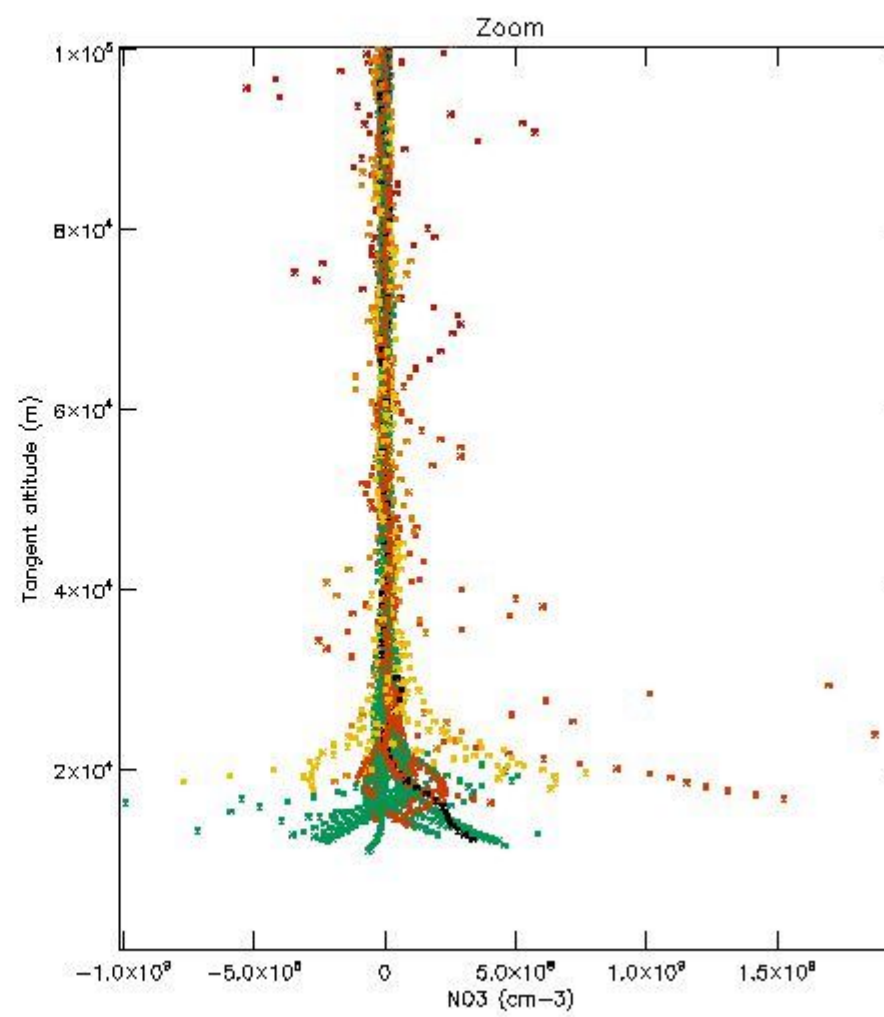
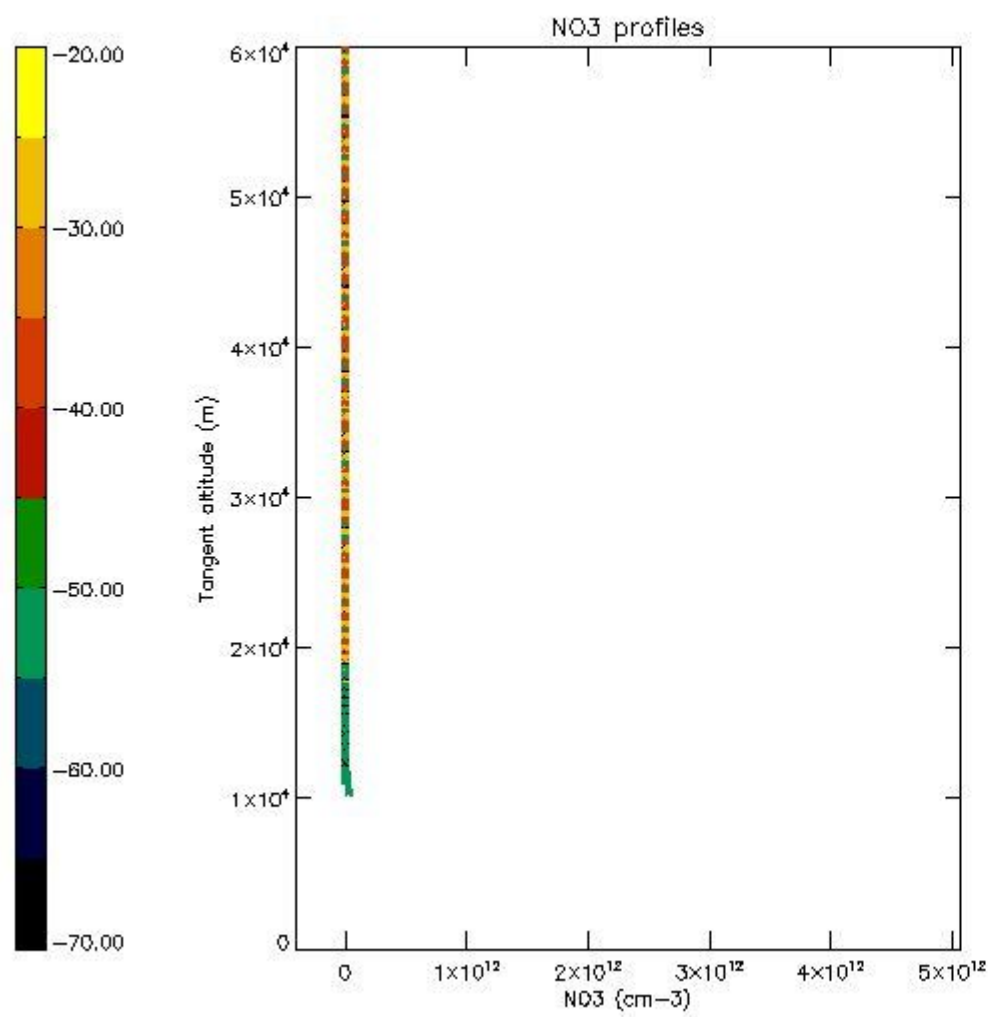
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

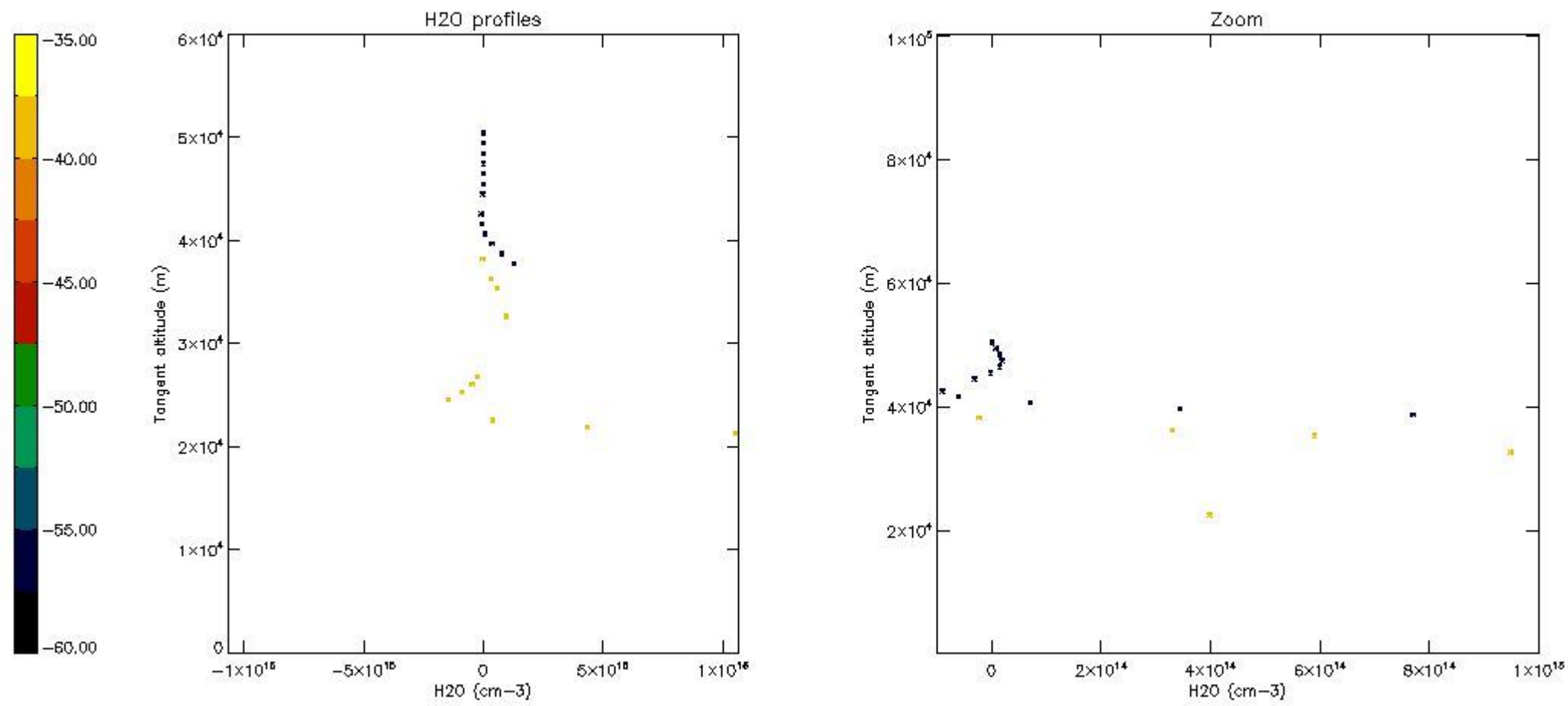
The colorbar represents the latitude.



*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.

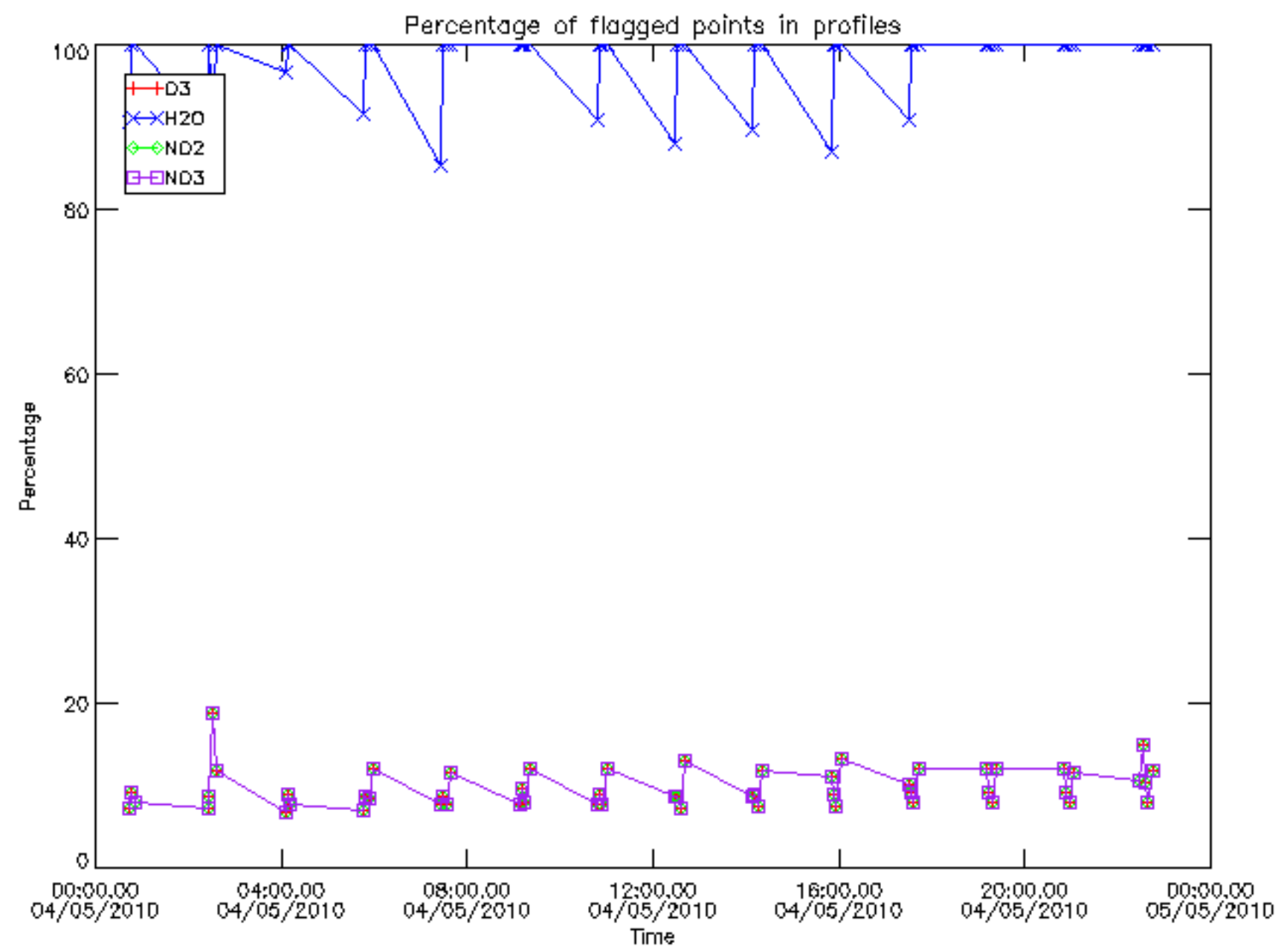




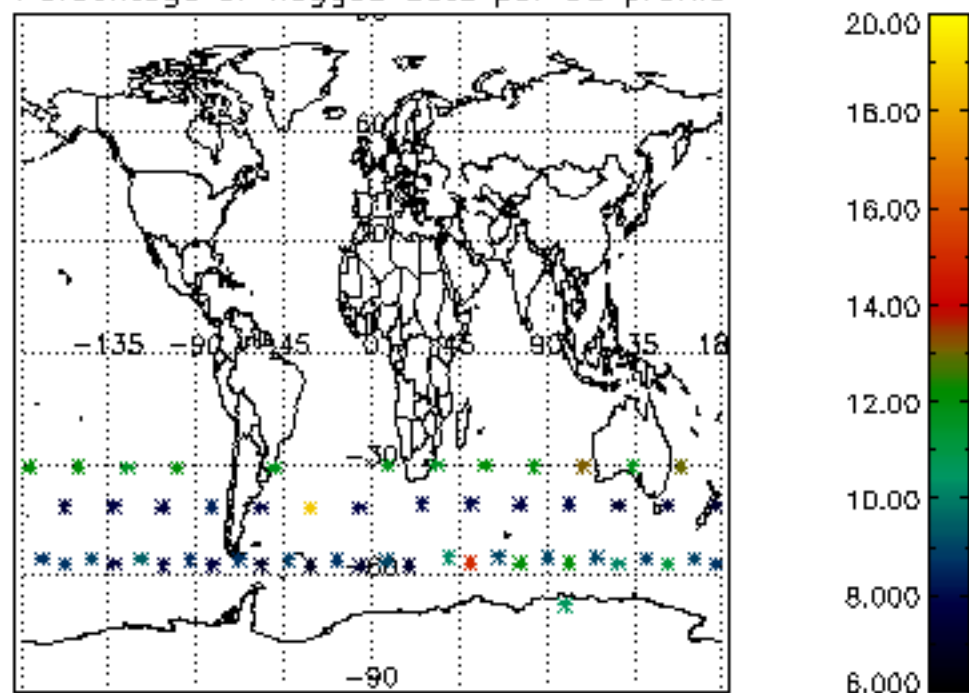
## 6. Auxiliary Data Files used for the production reported in section 2

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.

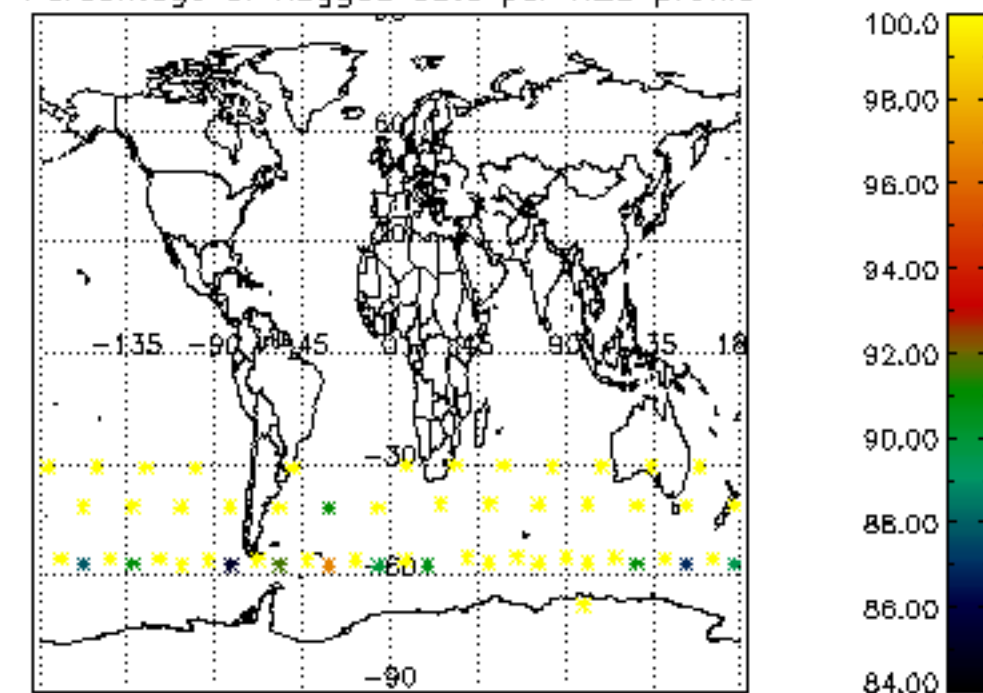
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-MAY-2010 00:00:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-MAY-2010 00:00:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-MAY-2010 00:00:24



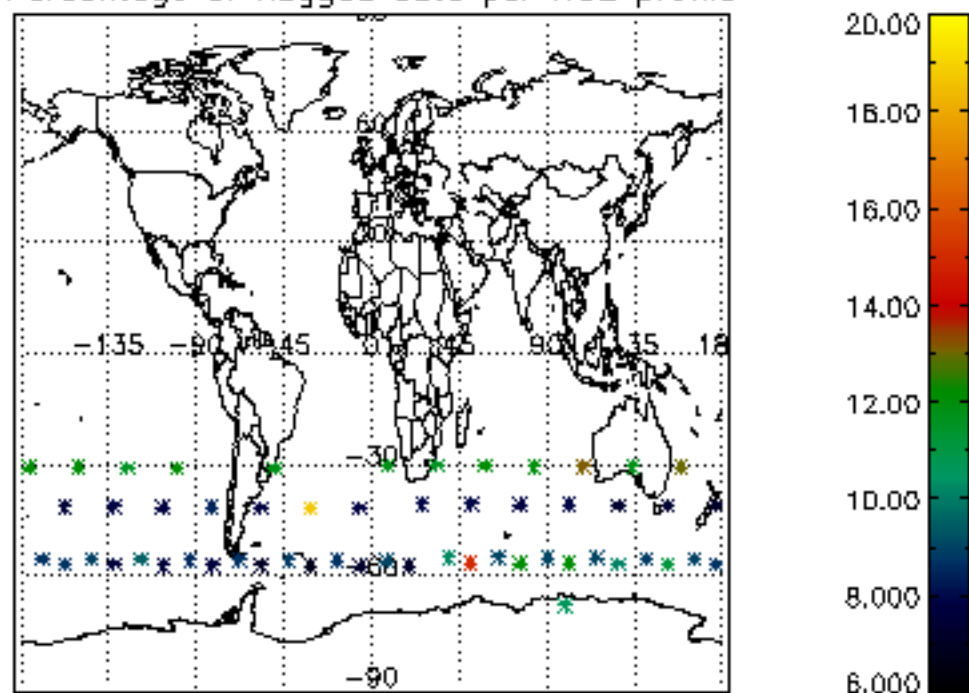
Percentage of flagged data per D3 profile



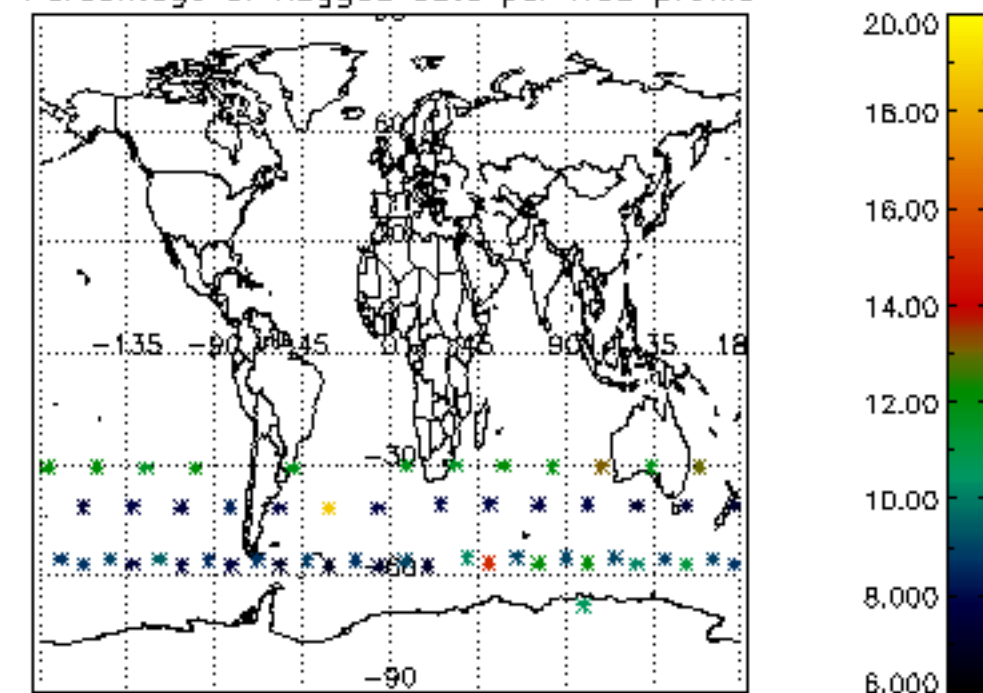
Percentage of flagged data per H2O profile

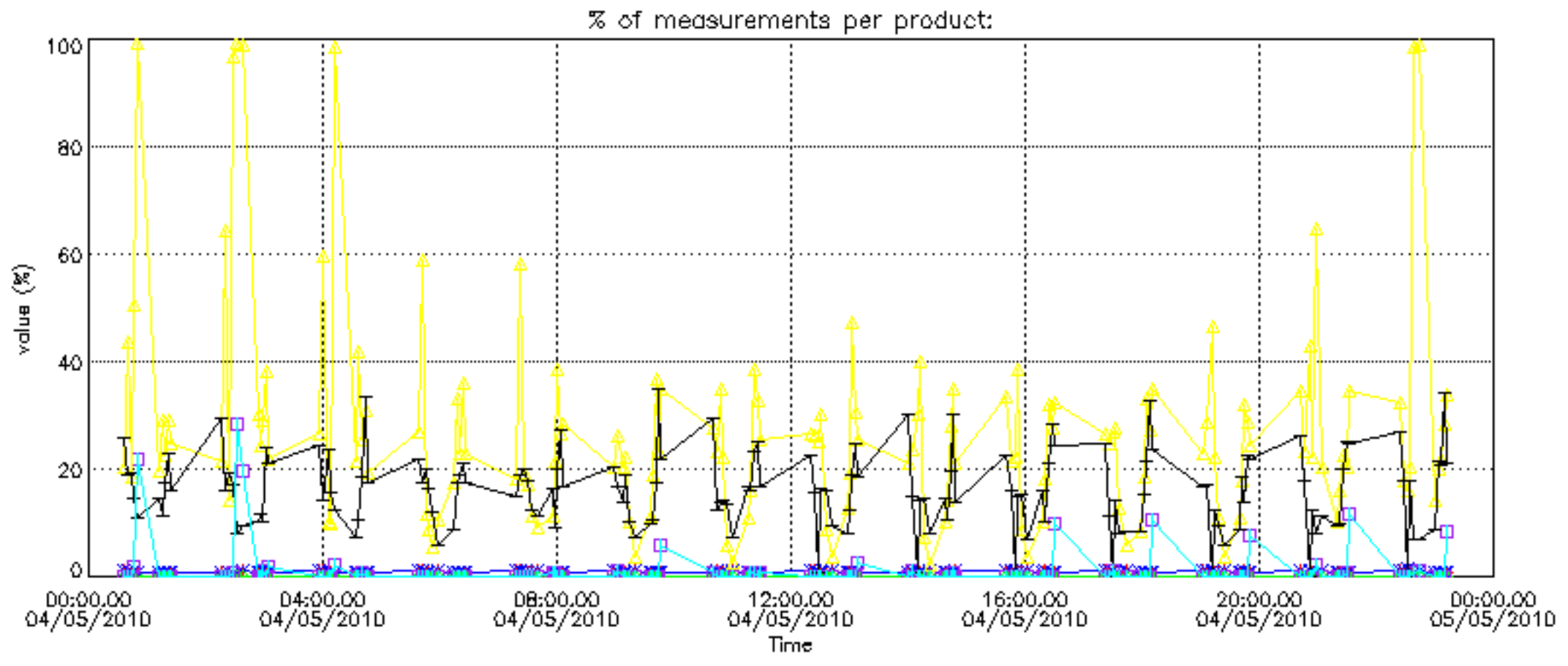


Percentage of flagged data per NO2 profile

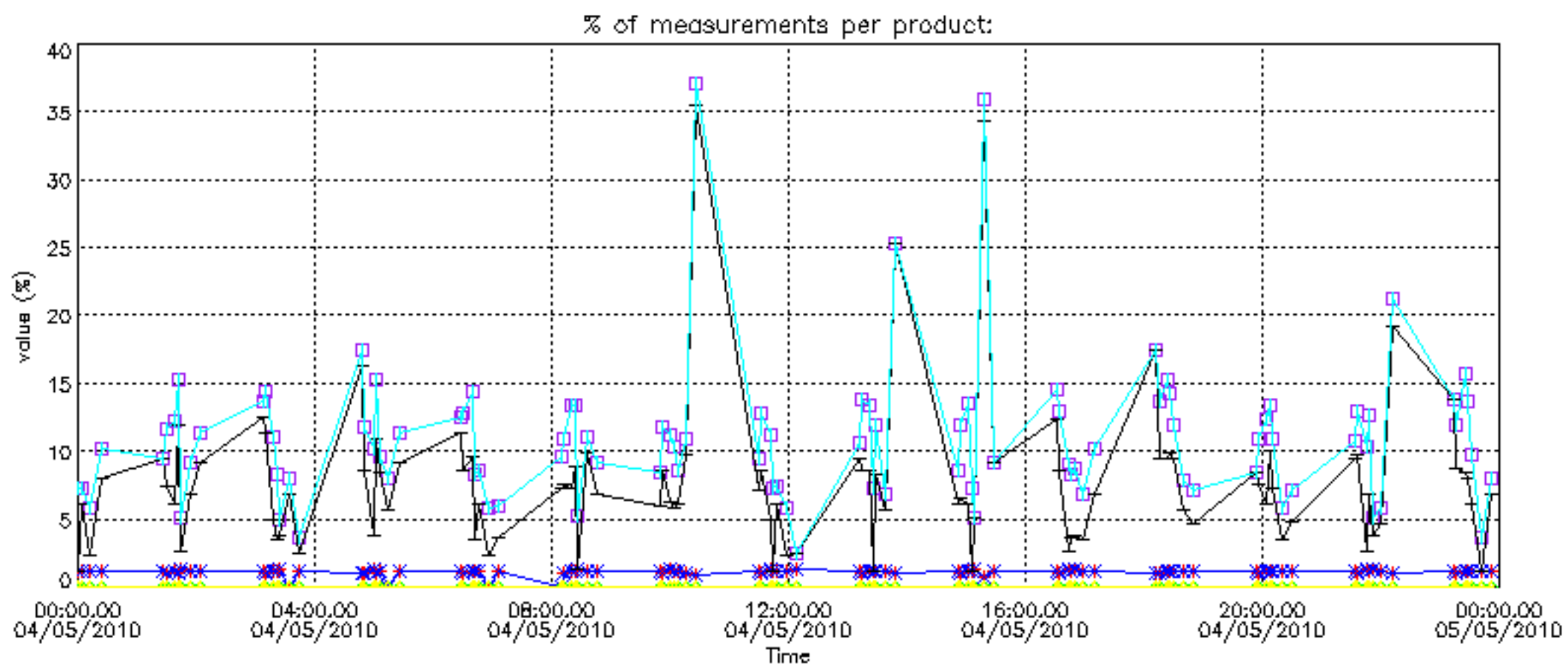


Percentage of flagged data per NO3 profile

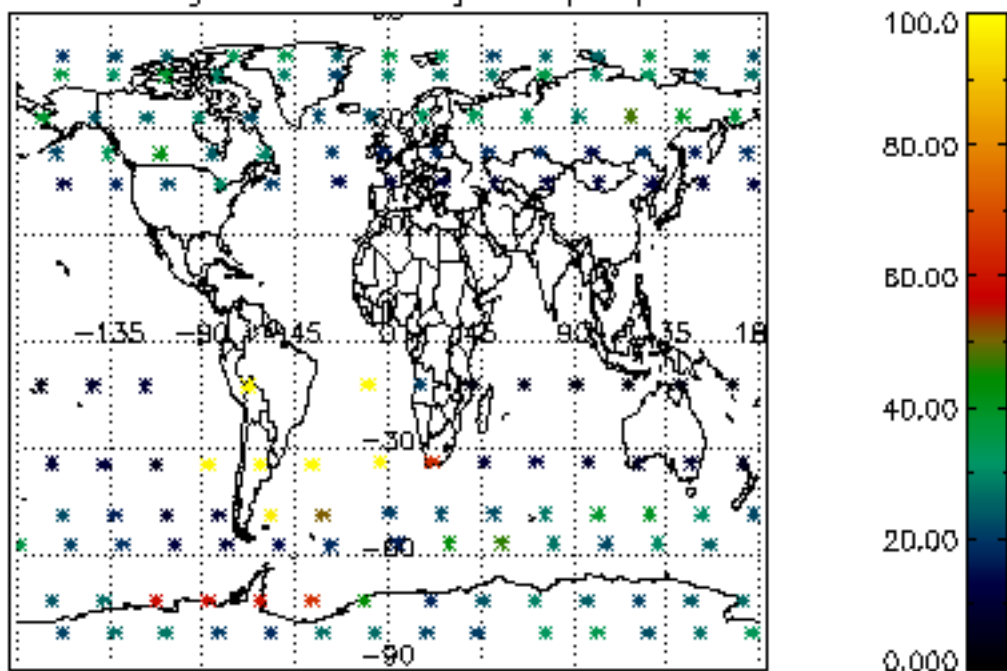




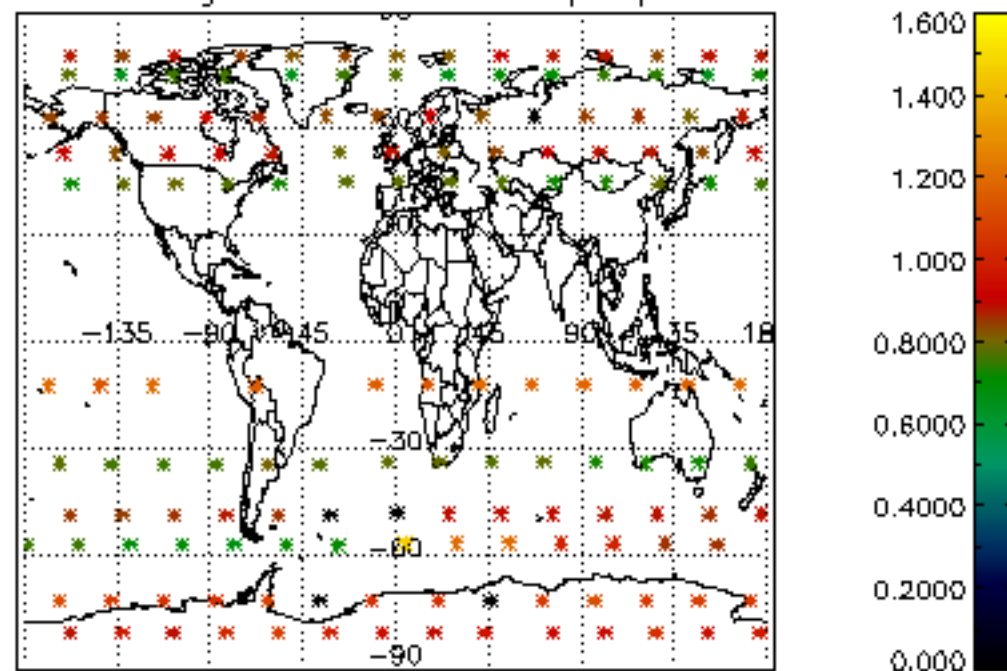




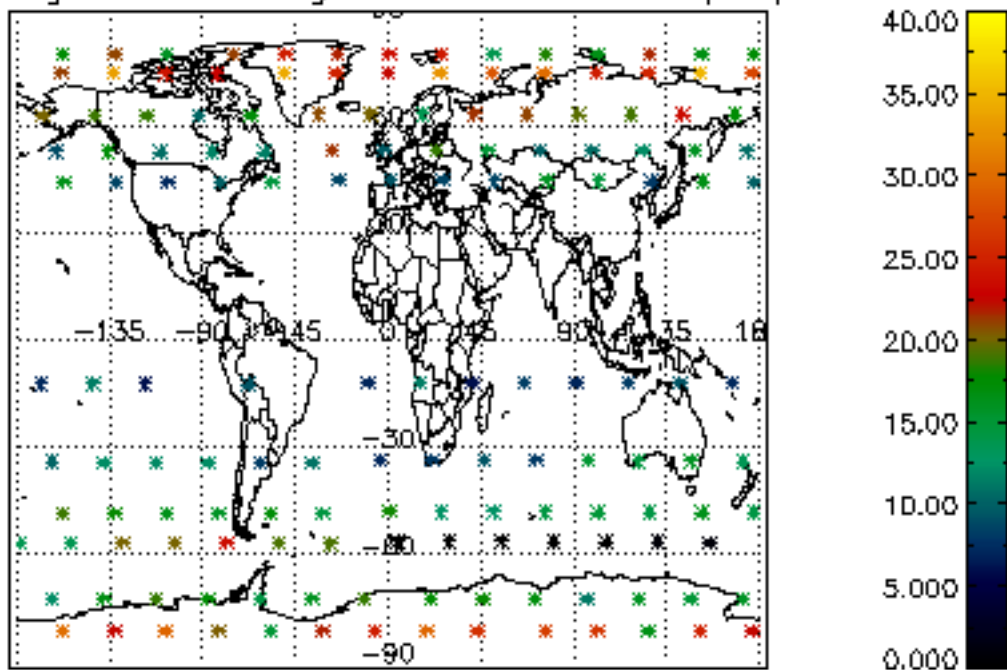
Percentage of cosmic ray hits per profile



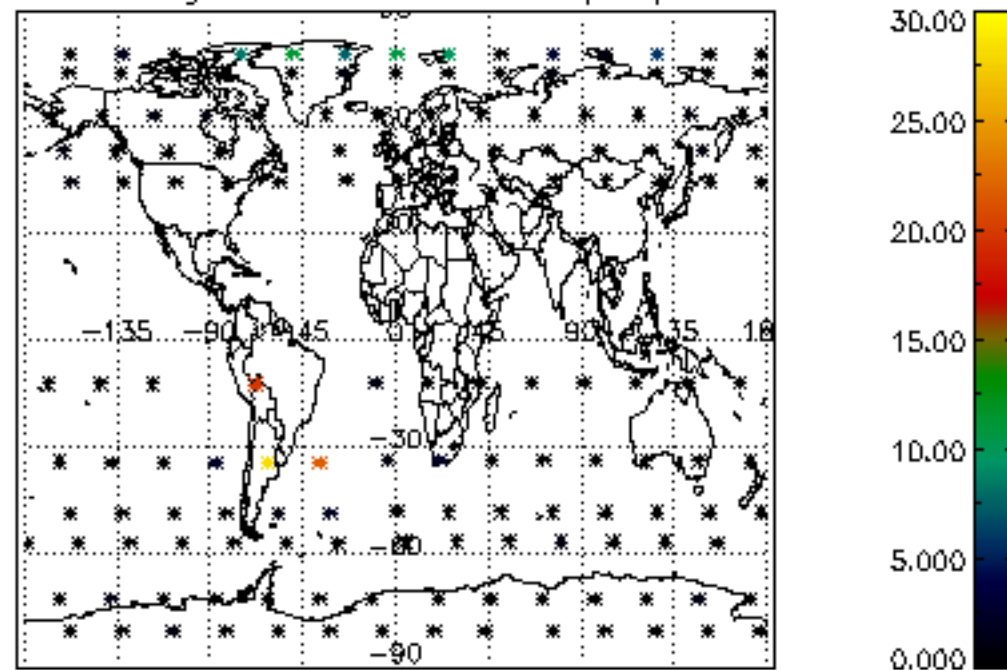
Percentage of datation errors per profile



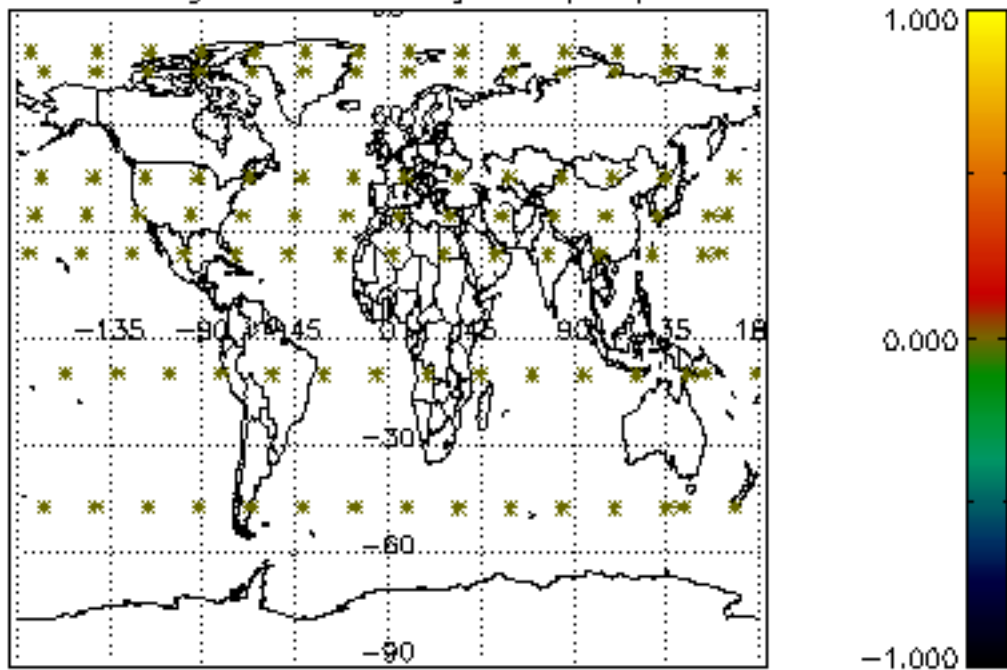
Percentage of star falling outside central band per profile



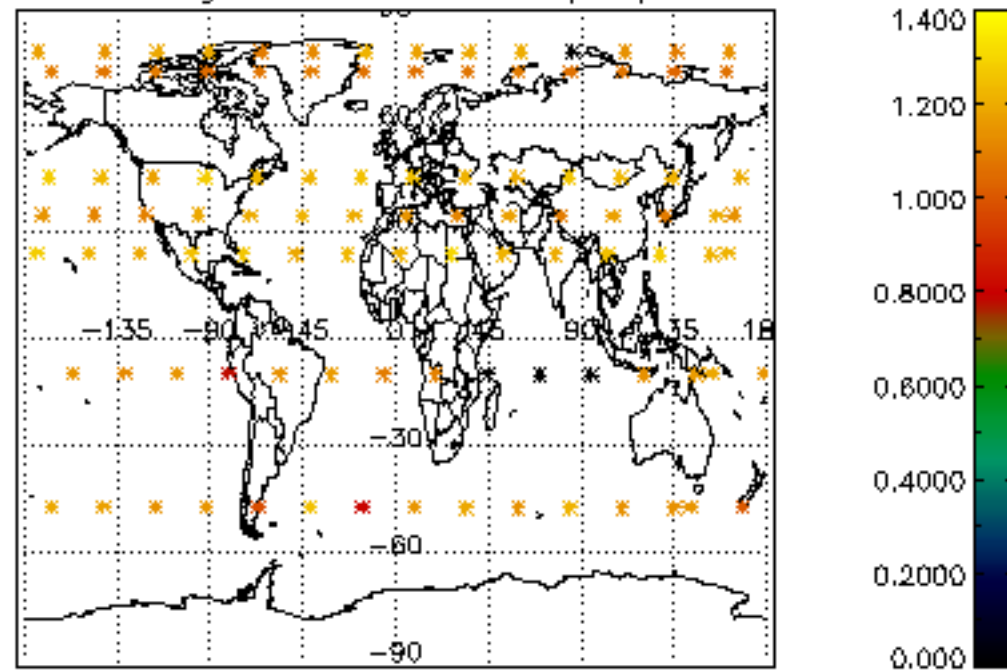
Percentage of saturation errors per profile



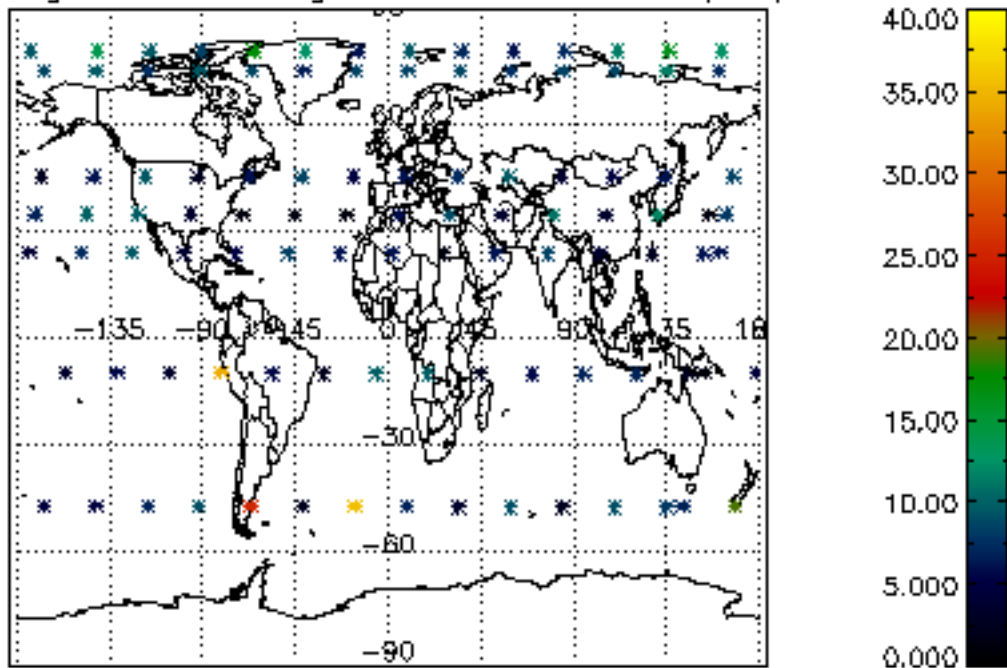
Percentage of cosmic ray hits per profile



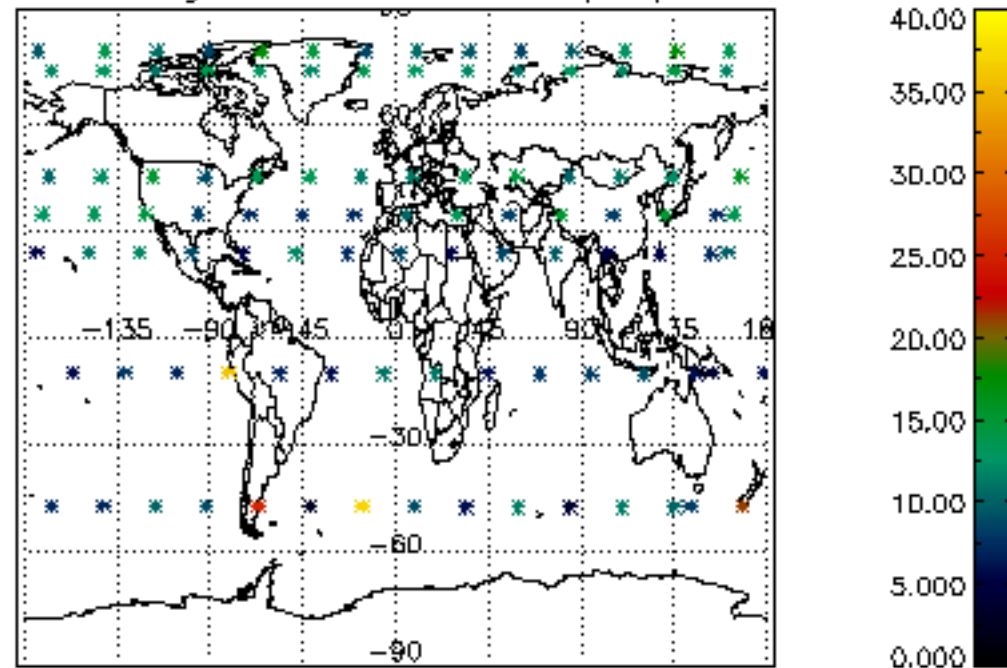
Percentage of datation errors per profile

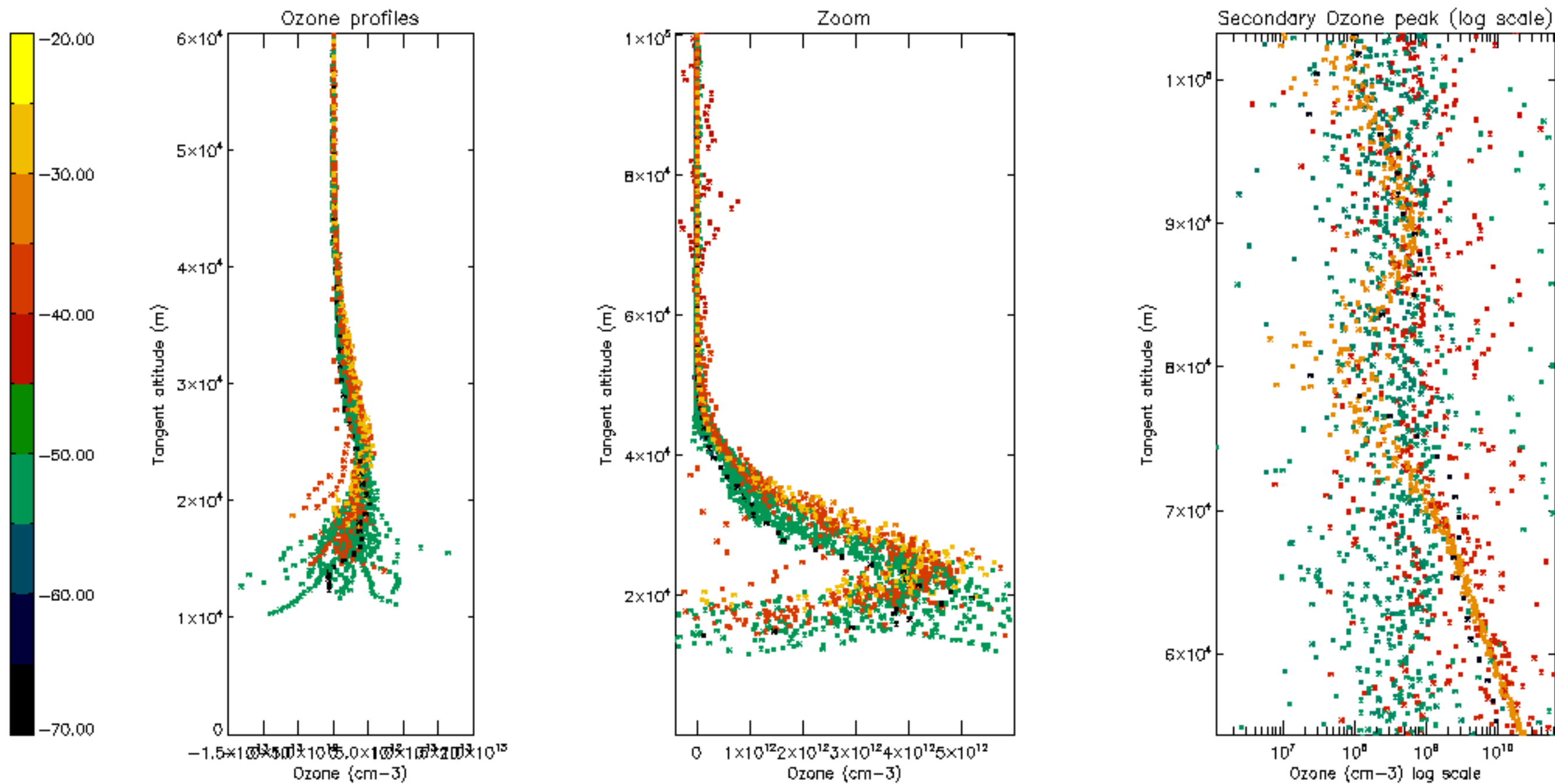


Percentage of star falling outside central band per profile

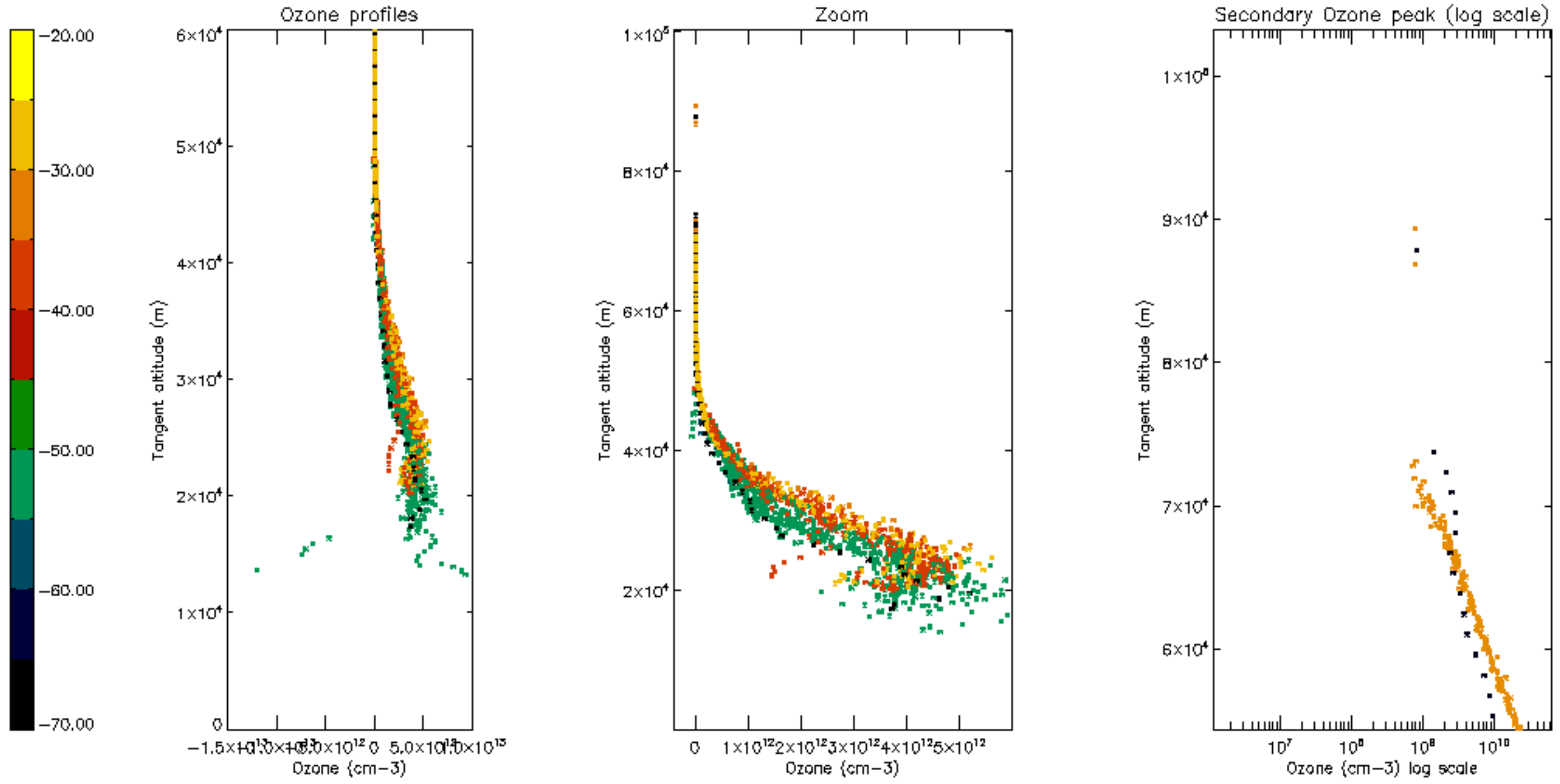


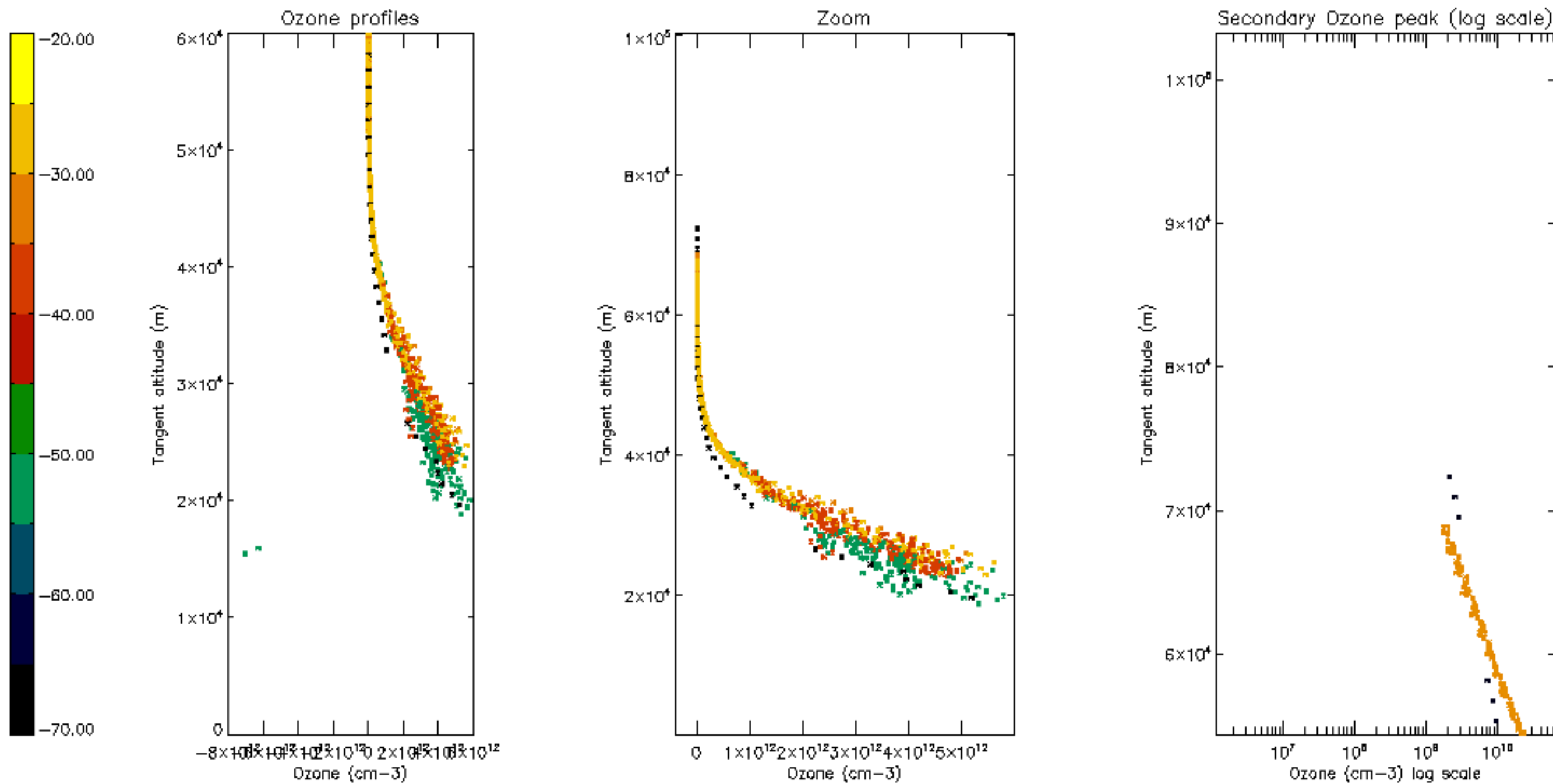
Percentage of saturation errors per profile

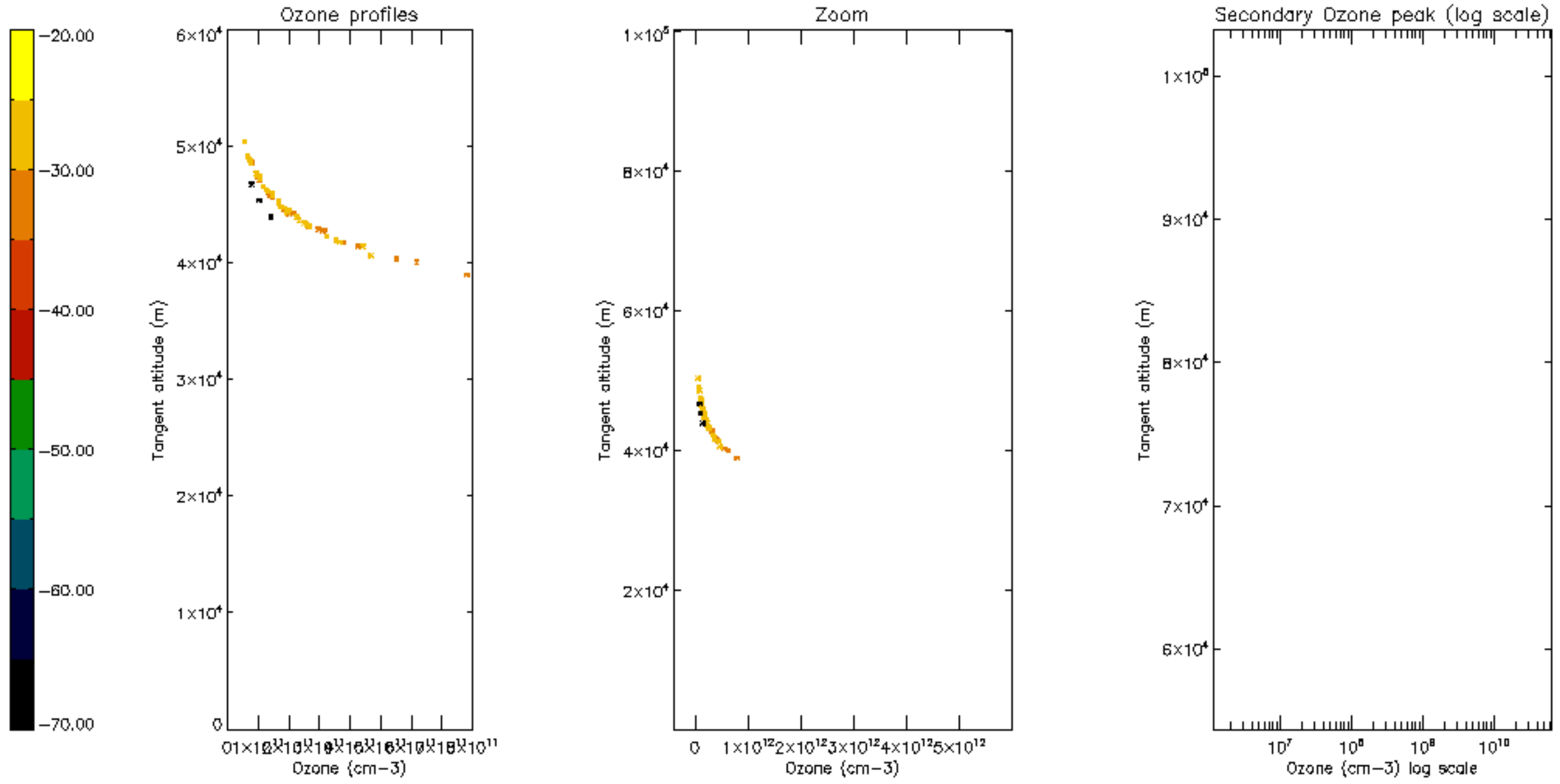


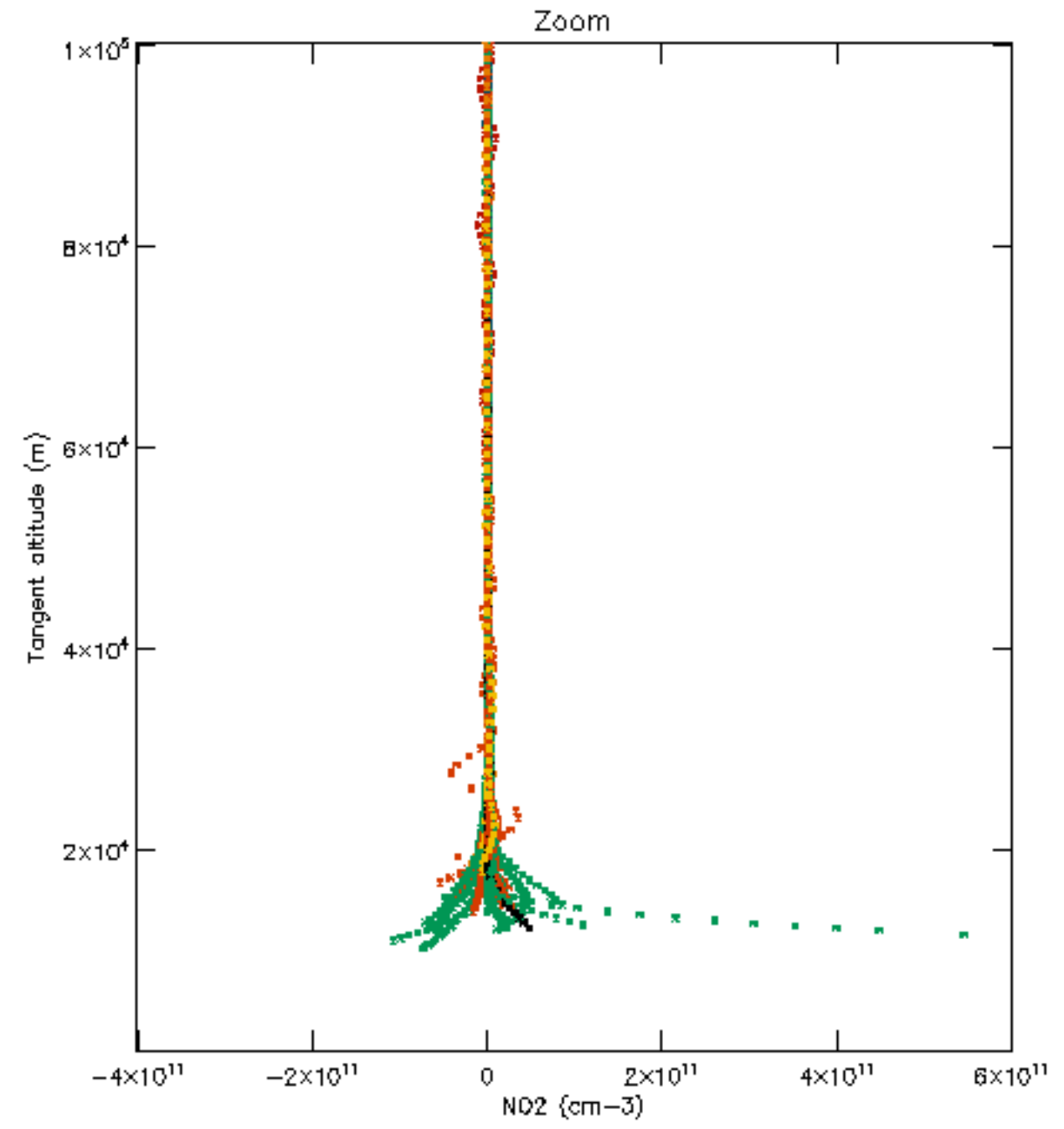
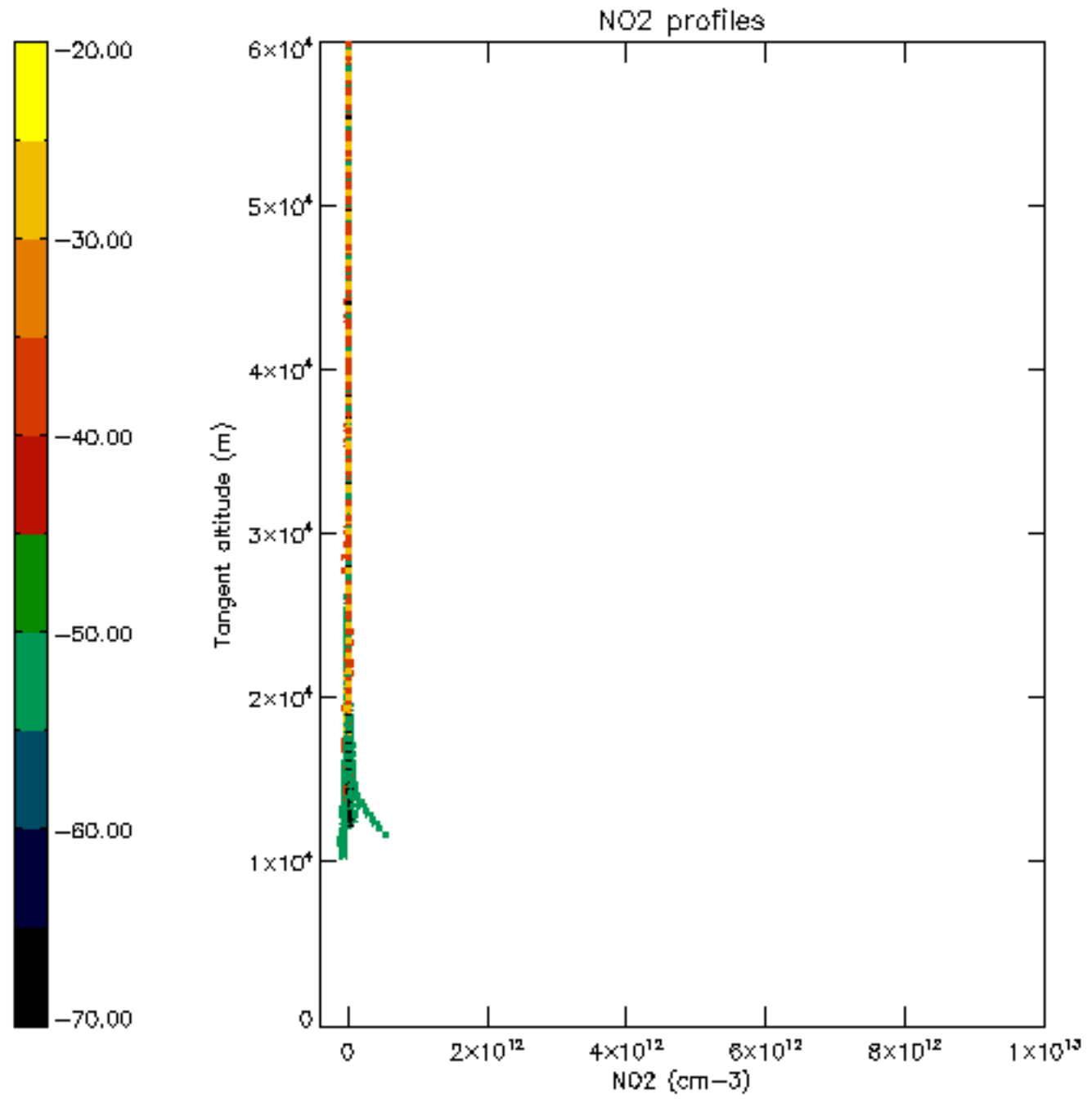




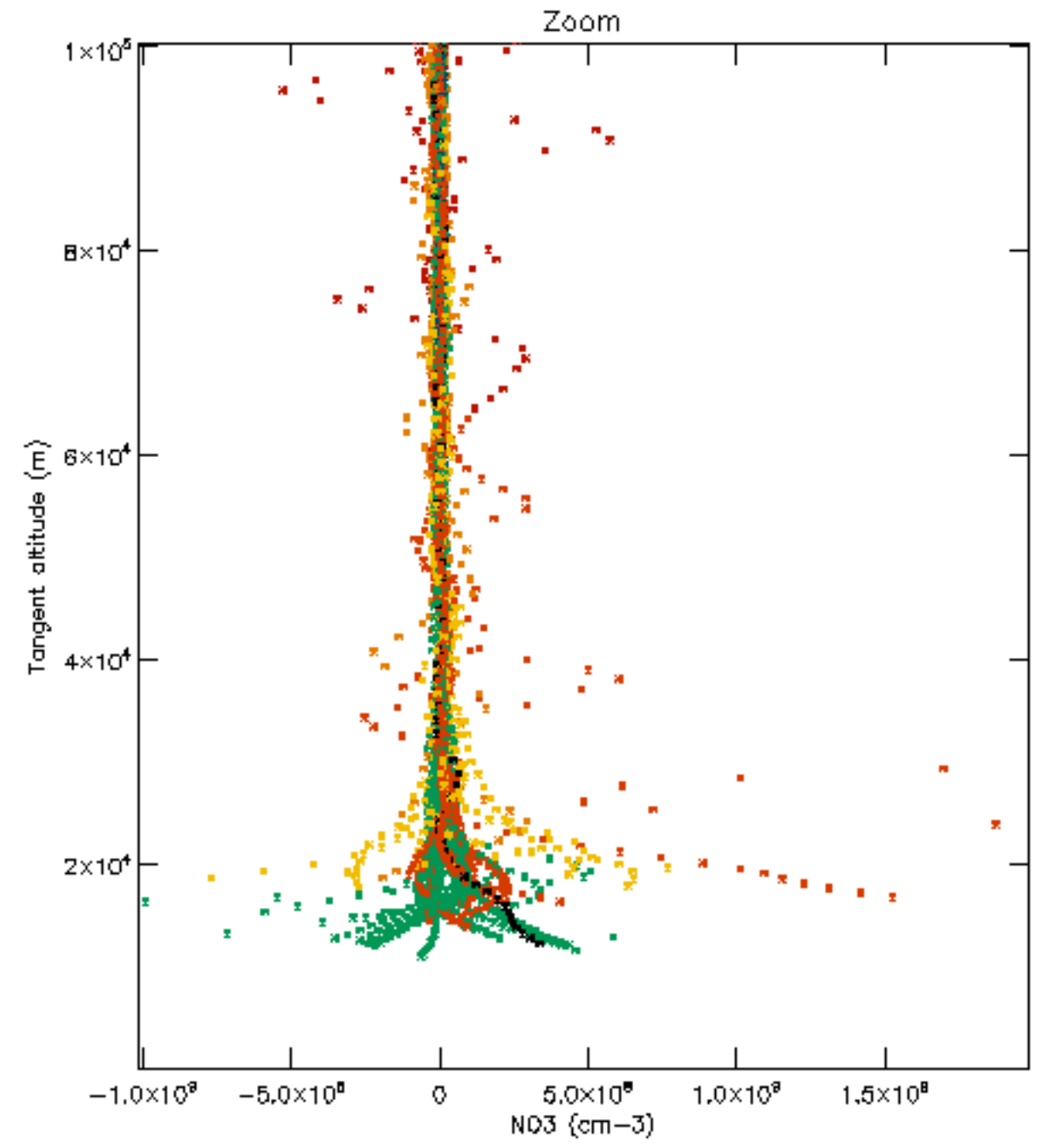
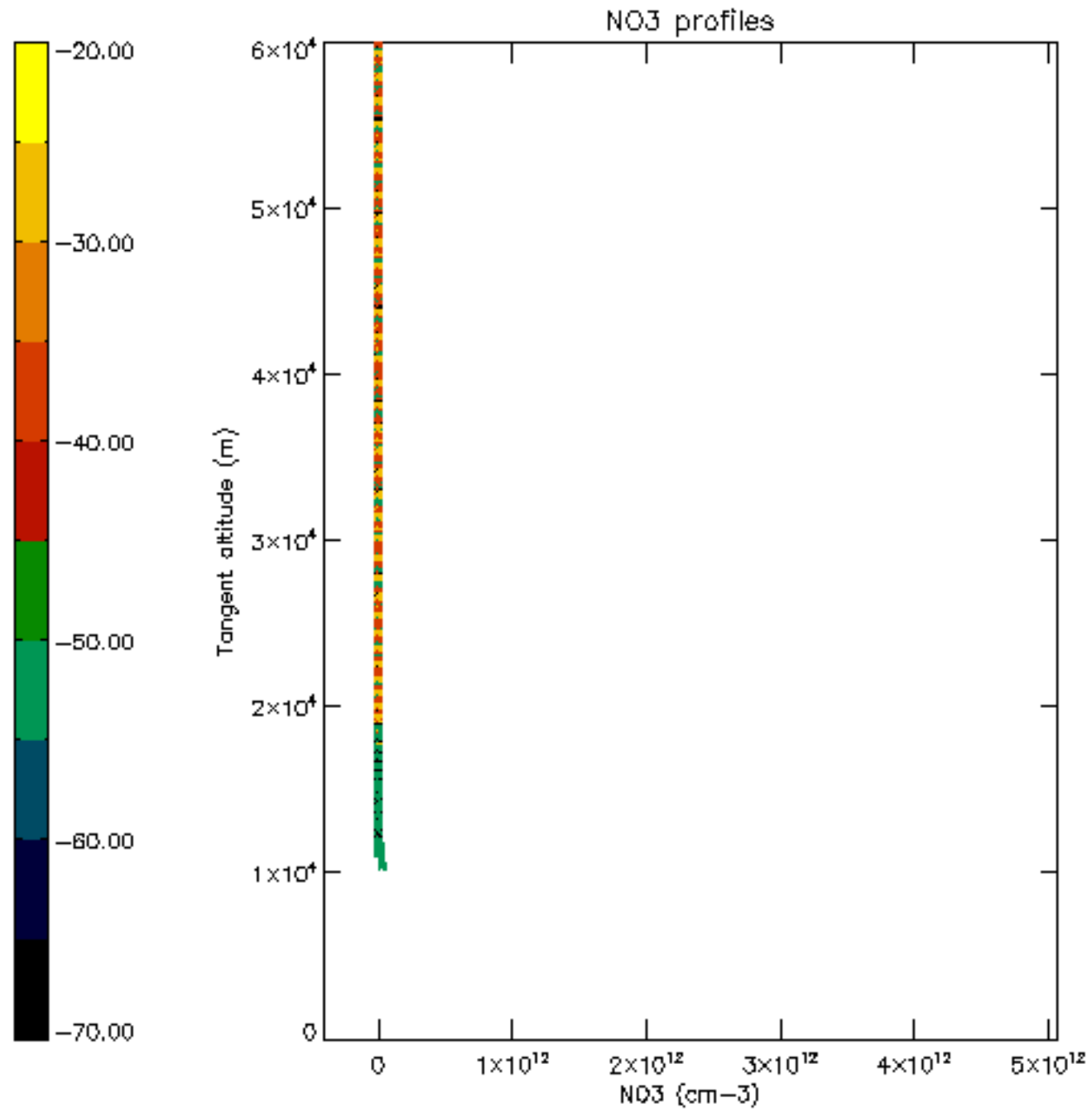


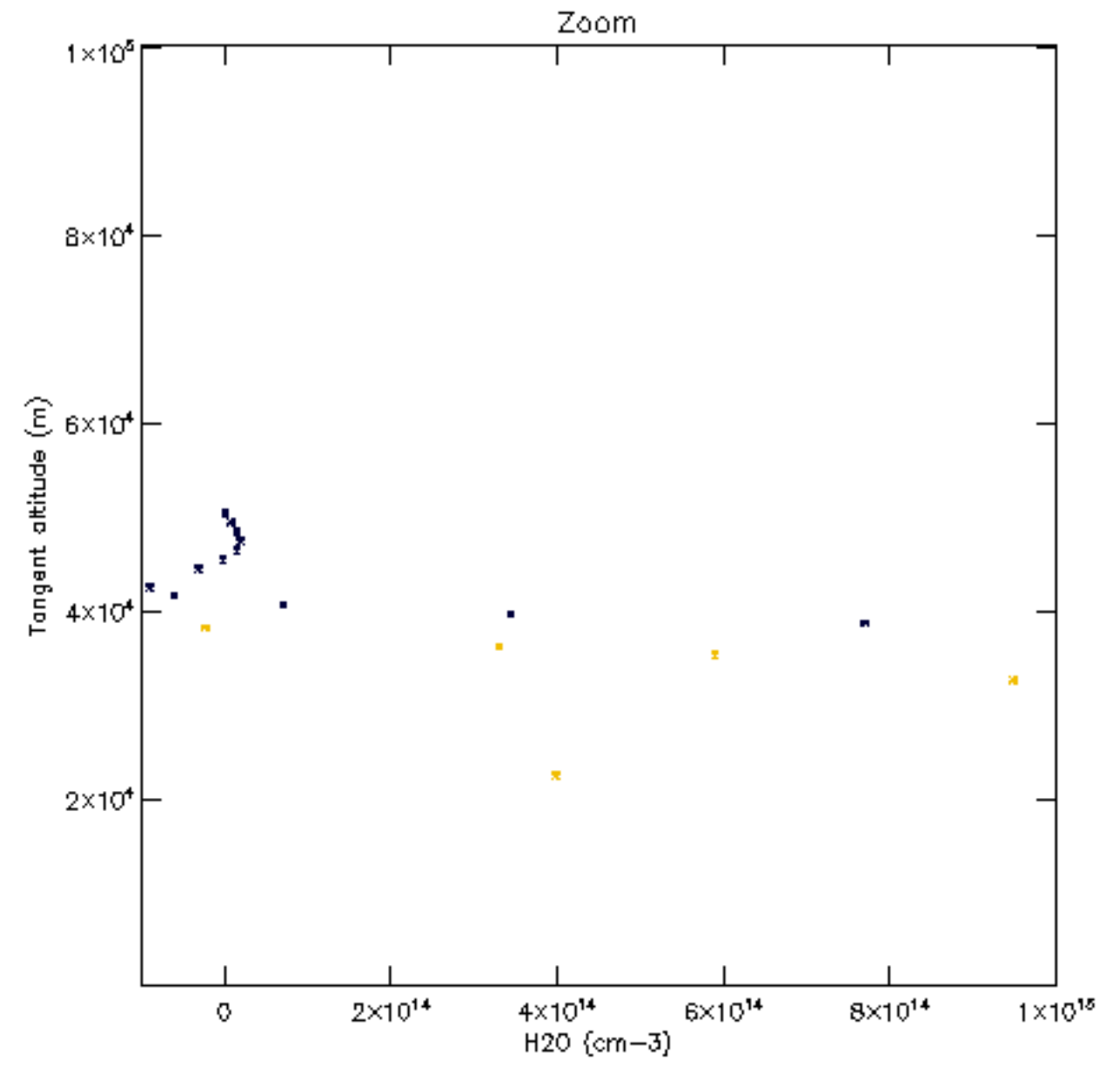
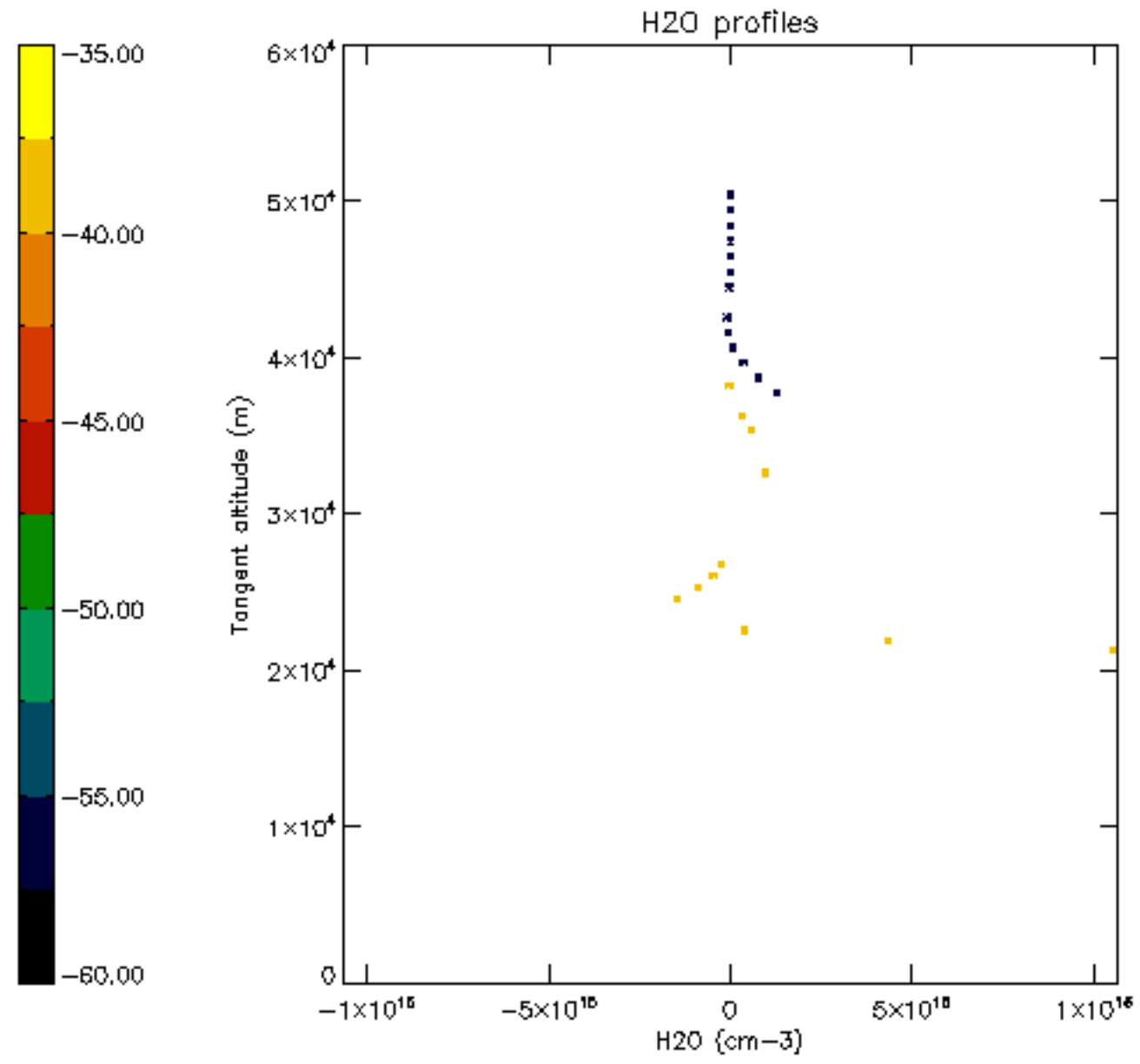


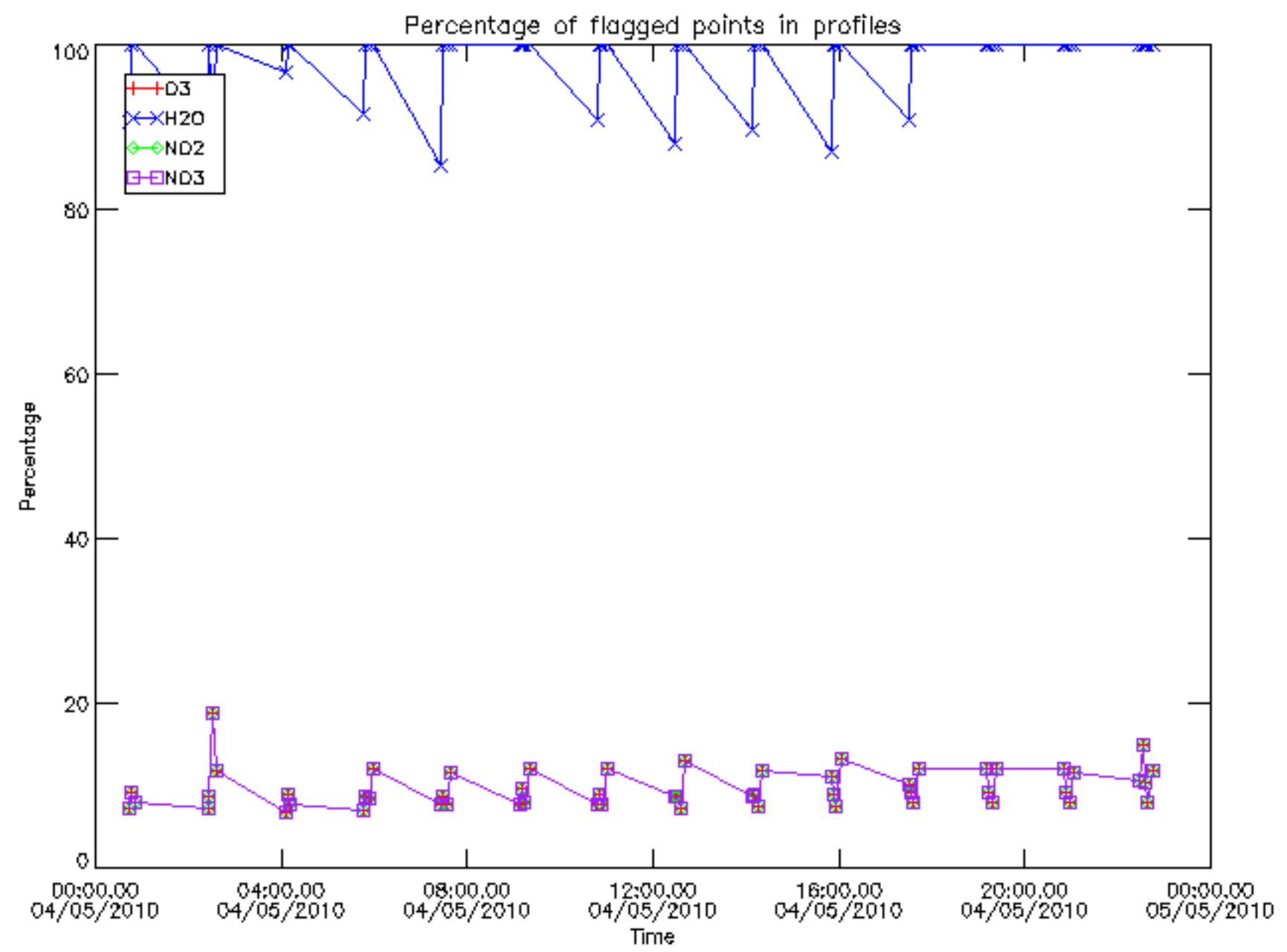




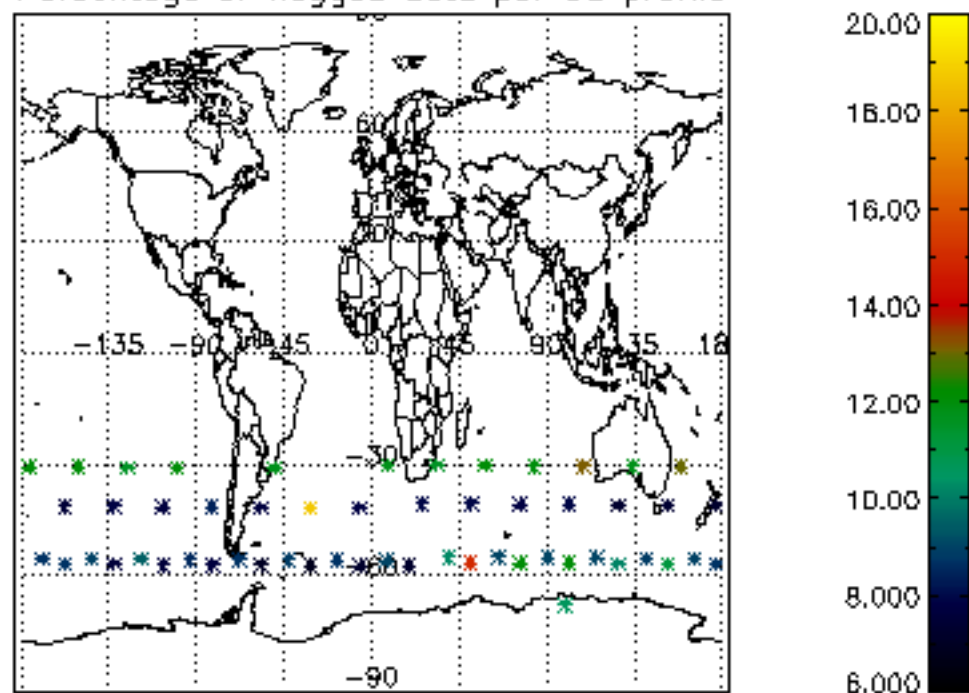




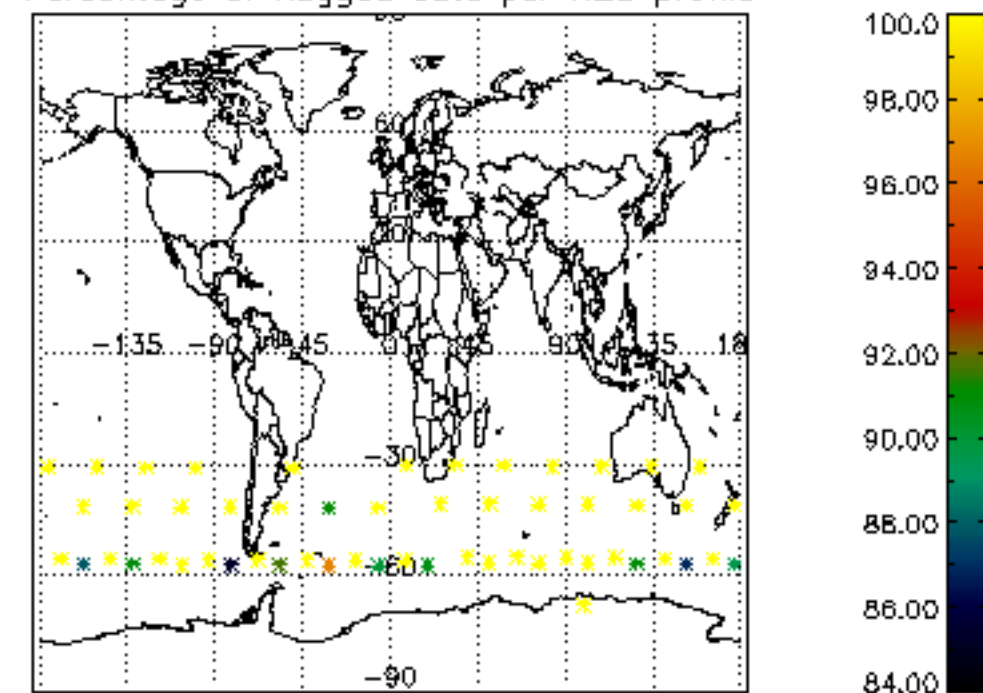




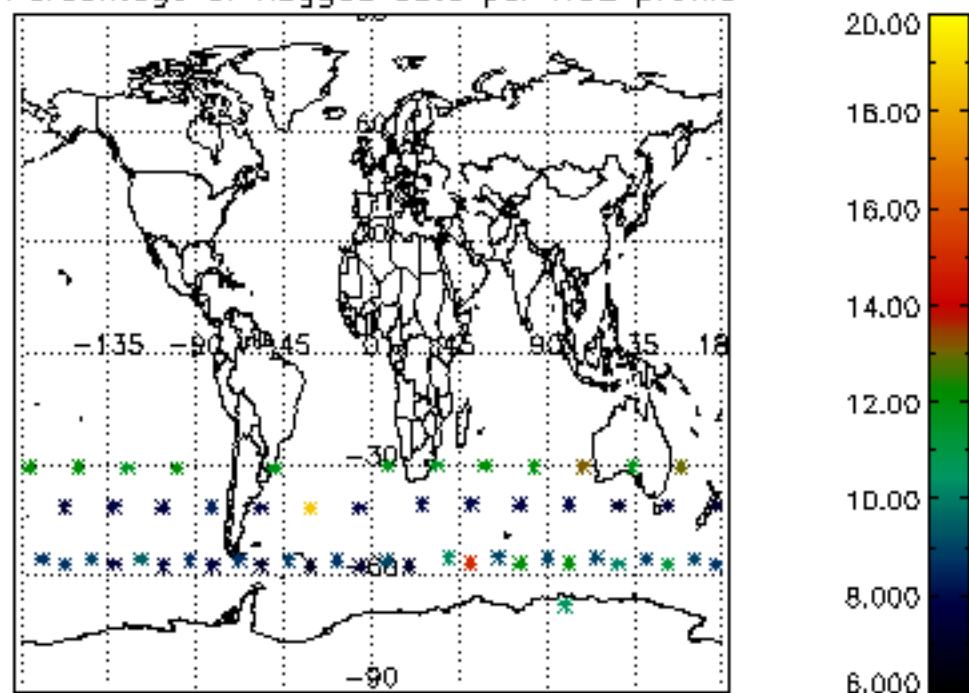
Percentage of flagged data per D3 profile



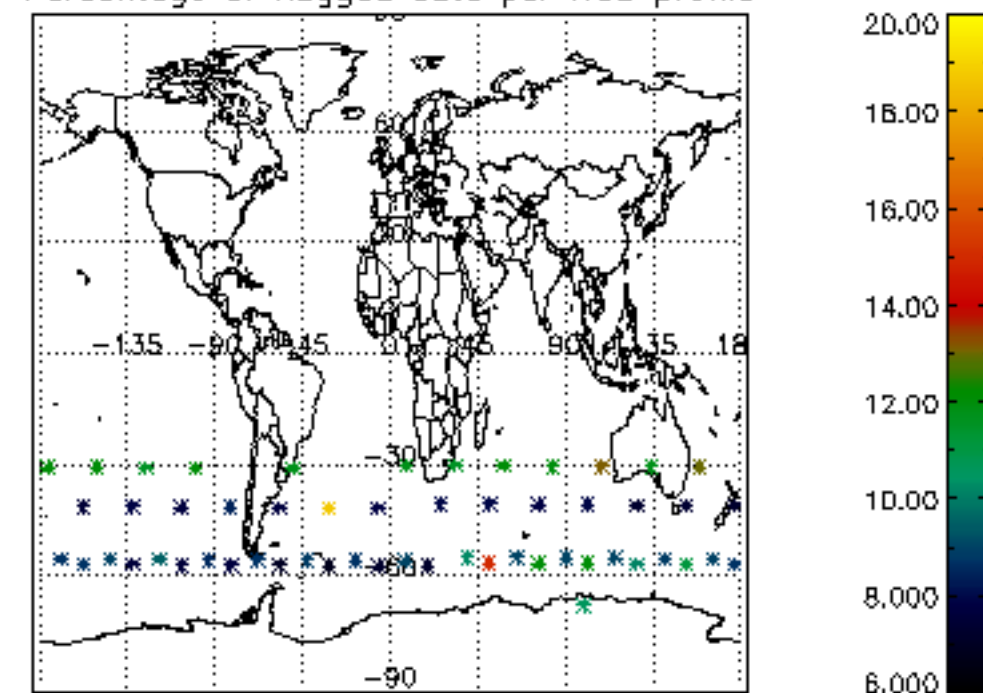
Percentage of flagged data per H2O profile



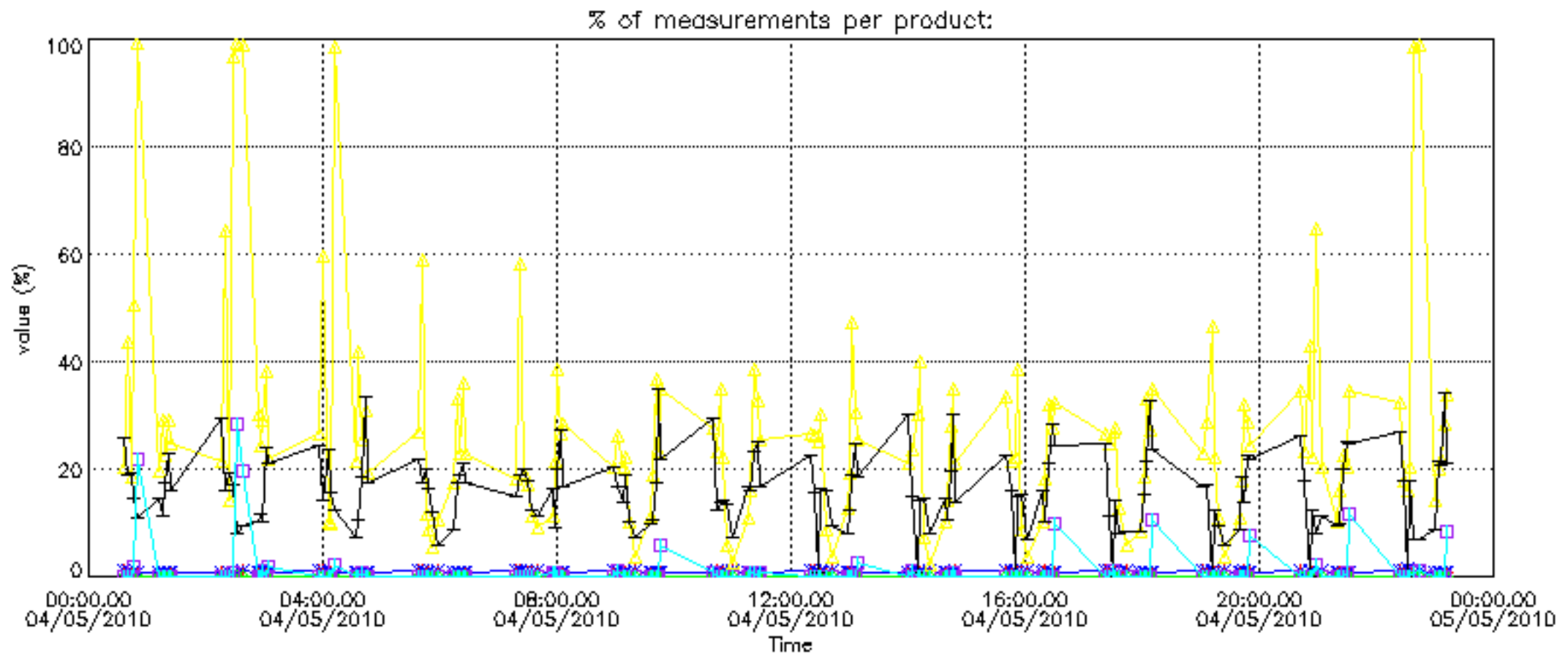
Percentage of flagged data per NO2 profile

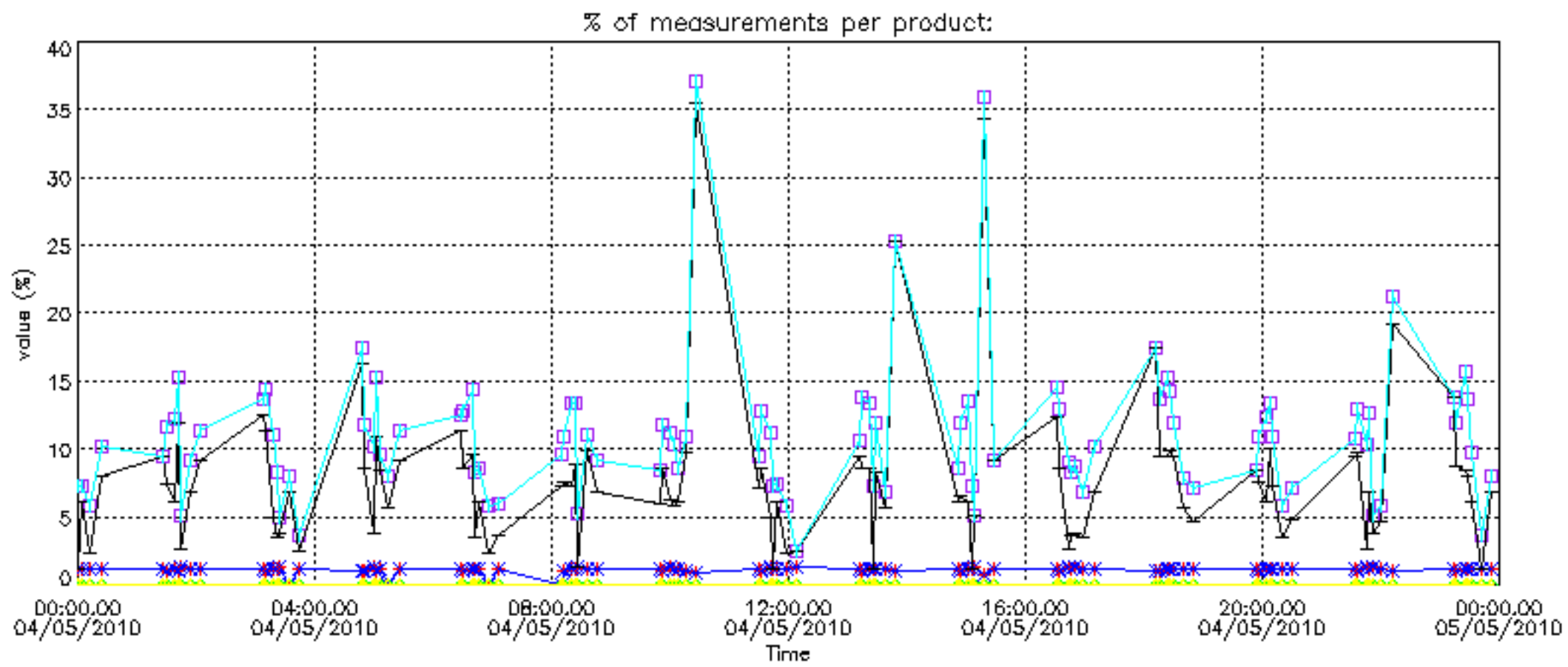


Percentage of flagged data per NO3 profile

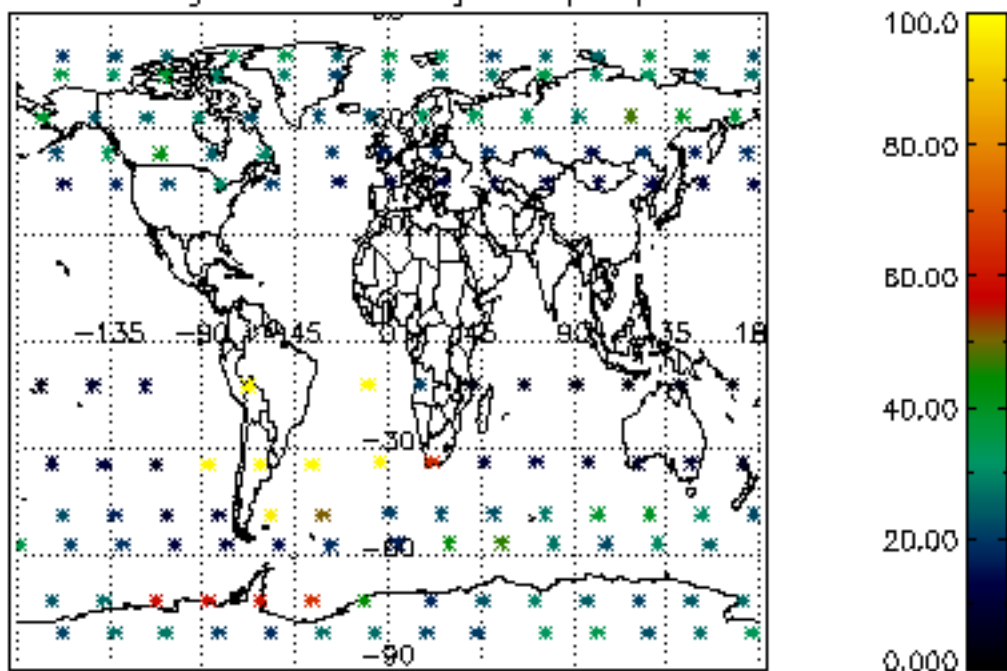




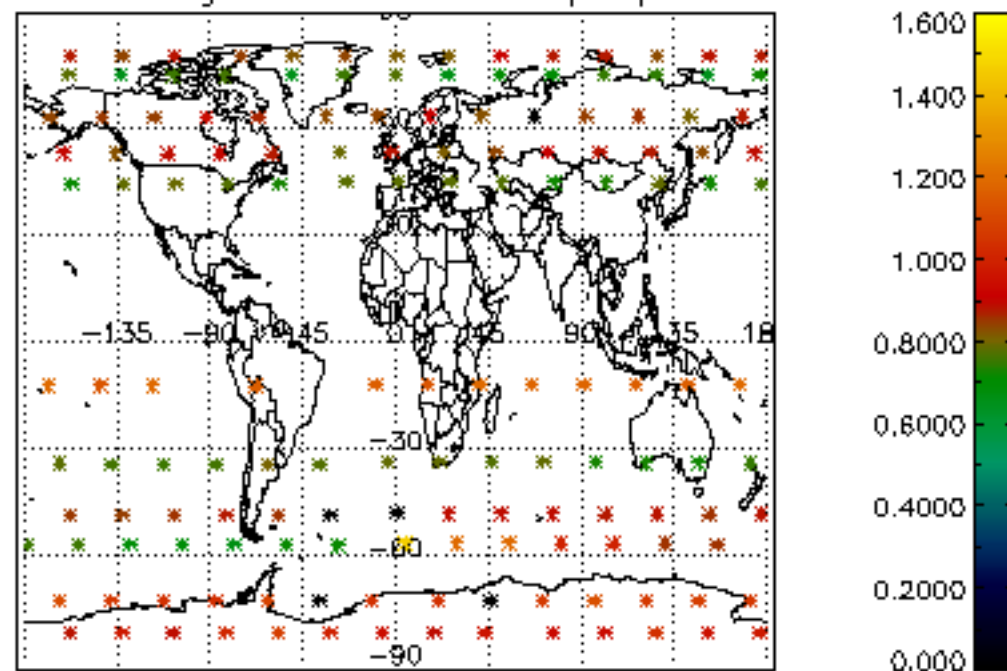




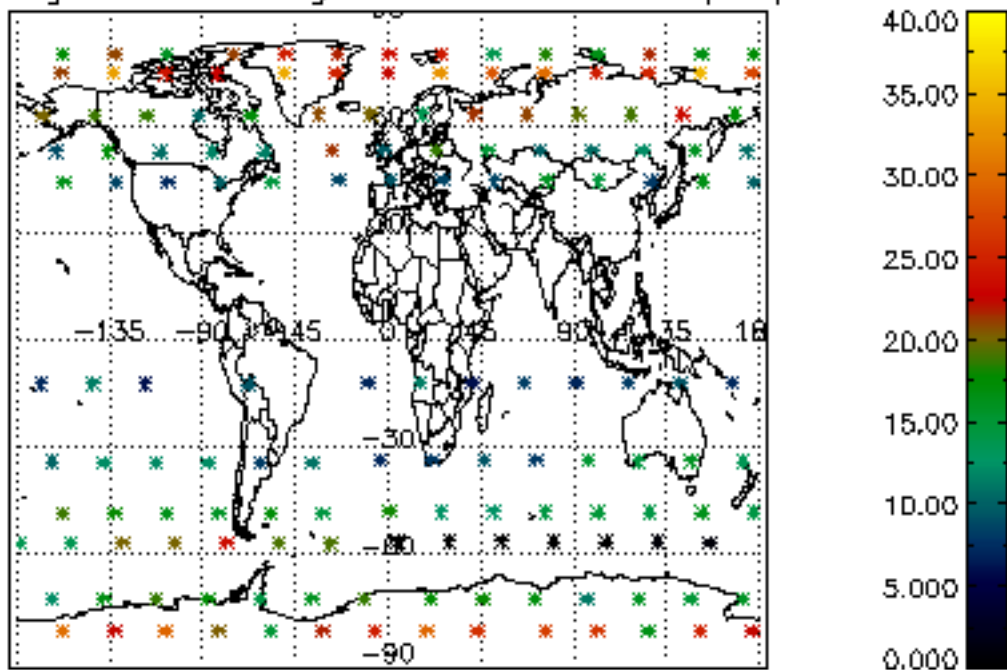
Percentage of cosmic ray hits per profile



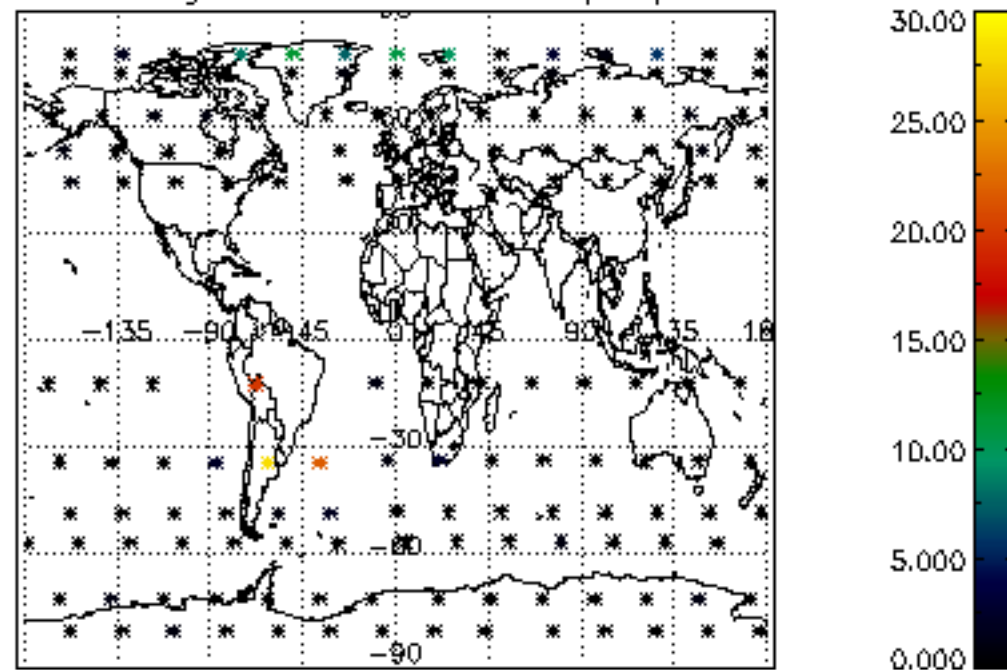
Percentage of datation errors per profile



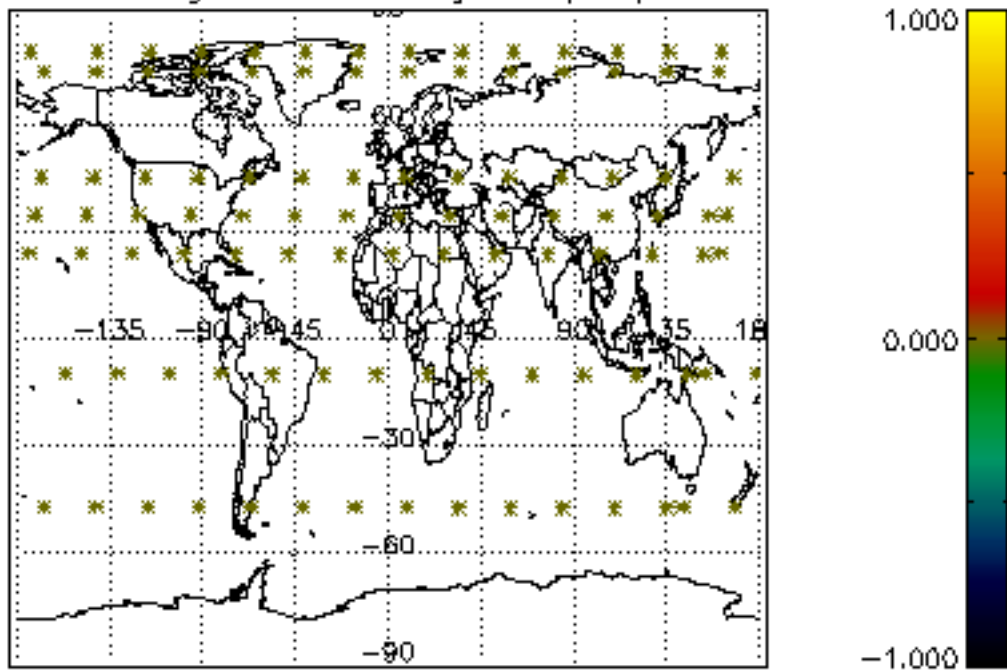
Percentage of star falling outside central band per profile



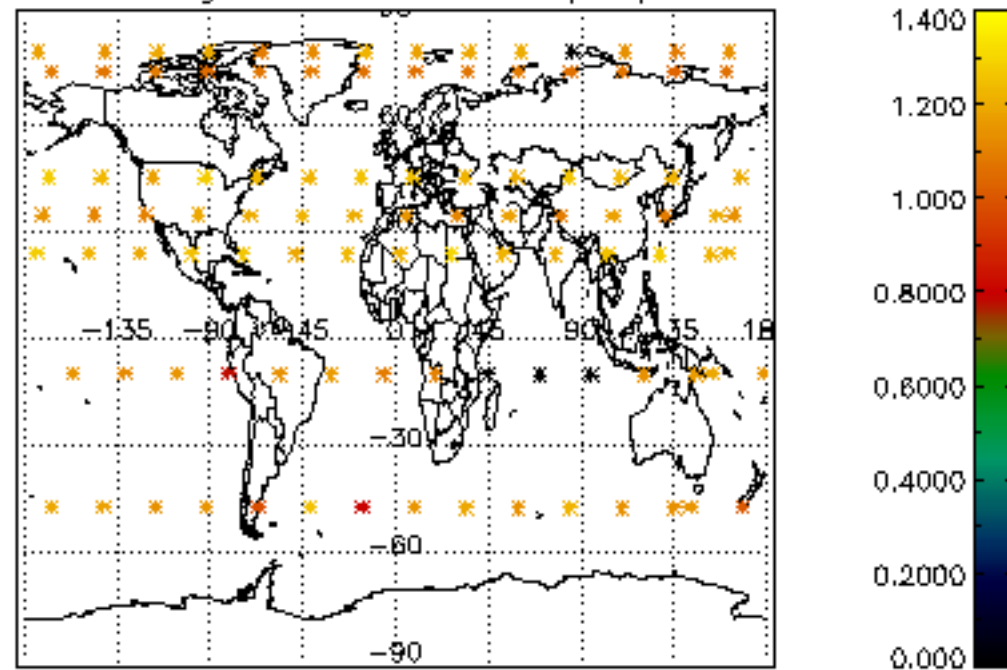
Percentage of saturation errors per profile



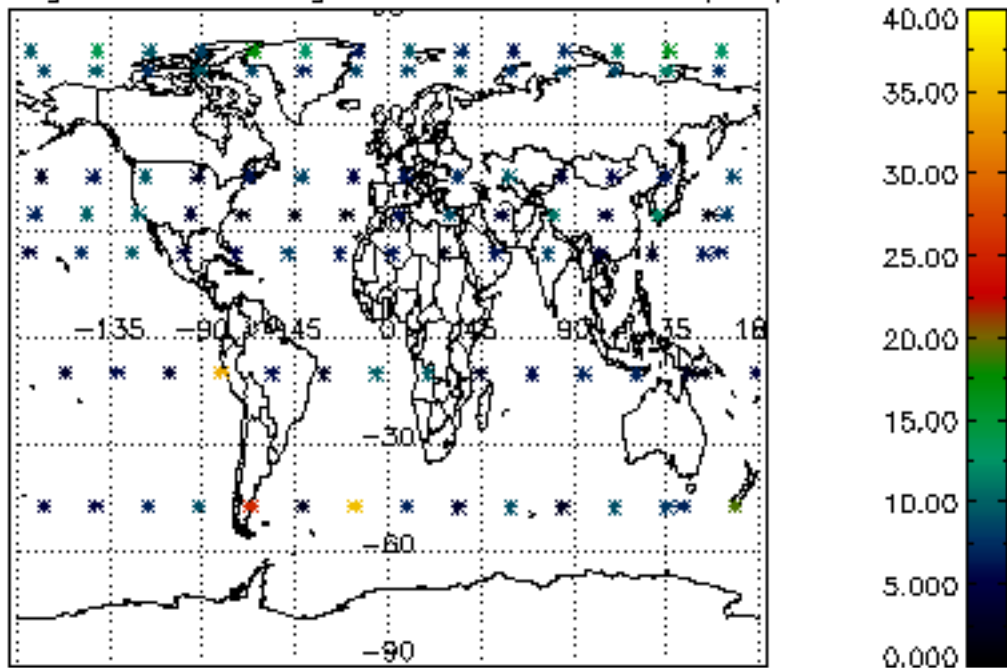
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

