

# 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	17APR2013 17:34:46
Data source version	GOMOS/6.01
Start time of products	01-05-2002 (01MAY2002 00:00:00)
Stop time of products	02-05-2002 (02MAY2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	147
Nb of prods with errors	1

## 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__2PRFIN20020501_151129_000000382005_00326_00881_0700.N1	01-MAY-2002 15:11:29	Dark	37.500	78	Alp Lup	2.3040	28000.	75	881	Yes
2	GOM_NL__2PRFIN20020501_151302_000000352005_00326_00881_0701.N1	01-MAY-2002 15:13:02	Straylight	35.000	81	Eta Cen	2.3560	28000.	70	881	No
3	GOM_NL__2PRFIN20020501_151425_000000552005_00326_00881_0702.N1	01-MAY-2002 15:14:25	Twilight	55.000	136	23Tau Sco	2.8220	30000.	110	881	No
4	GOM_NL__2PRFIN20020501_151615_000000482005_00326_00881_0703.N1	01-MAY-2002 15:16:15	Twilight	48.000	158	6Pi Sco	2.9060	28000.	96	881	No
5	GOM_NL__2PRFIN20020501_151838_000000562005_00326_00881_0704.N1	01-MAY-2002 15:18:38	Bright	55.500	97	8Bet1Sco	2.5610	30000.	111	881	No
6	GOM_NL__2PRFIN20020501_152041_000000422005_00326_00881_0705.N1	01-MAY-2002 15:20:41	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	881	No
7	GOM_NL__2PRFIN20020501_152242_000000362005_00326_00881_0706.N1	01-MAY-2002 15:22:42	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	881	No
8	GOM_NL__2PRFIN20020501_152547_000000332005_00326_00881_0707.N1	01-MAY-2002 15:25:47	Bright	32.500	121	29Gam Vir	2.7400	7200.0	65	881	No
9	GOM_NL__2PRFIN20020501_152905_000000332005_00326_00881_0708.N1	01-MAY-2002 15:29:05	Bright	32.500	138	47Eps Vir	2.8280	4700.0	65	881	No
10	GOM_NL__2PRFIN20020501_153054_000000332005_00326_00881_0709.N1	01-MAY-2002 15:30:54	Bright	32.500	62	94Bet Leo	2.1360	9700.0	65	881	No
11	GOM_NL__2PRFIN20020501_153502_000000402005_00326_00881_0710.N1	01-MAY-2002 15:35:02	Bright	40.000	83		2.3780	11000.	80	881	No
12	GOM_NL__2PRFIN20020501_153708_000000482005_00326_00881_0711.N1	01-MAY-2002 15:37:08	Bright	48.000	67	5Alp CrB	2.2210	11000.	96	881	No
13	GOM_NL__2PRFIN20020501_154019_000000322005_00326_00881_0712.N1	01-MAY-2002 15:40:19	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	881	No
14	GOM_NL__2PRFIN20020501_154148_000000332005_00326_00881_0713.N1	01-MAY-2002 15:41:48	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	881	No
15	GOM_NL__2PRFIN20020501_154407_000000342005_00326_00881_0714.N1	01-MAY-2002 15:44:07	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	881	No
16	GOM_NL__2PRFIN20020501_154737_000000442005_00326_00881_0715.N1	01-MAY-2002 15:47:37	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	881	No
17	GOM_NL__2PRFIN20020501_155134_000000332005_00326_00881_0716.N1	01-MAY-2002 15:51:34	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	881	No
18	GOM_NL__2PRFIN20020501_155757_000000402005_00326_00881_0717.N1	01-MAY-2002 15:57:57	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	881	No
19	GOM_NL__2PRFIN20020501_155935_000000302005_00326_00881_0718.N1	01-MAY-2002 15:59:35	Bright	30.000	76	27Gam Cas	2.3000	30000.	60	881	No
20	GOM_NL__2PRFIN20020501_160051_000000332005_00326_00881_0719.N1	01-MAY-2002 16:00:51	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	881	No
21	GOM_NL__2PRFIN20020501_160309_000000542005_00326_00881_0720.N1	01-MAY-2002 16:03:09	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	881	No
22	GOM_NL__2PRFIN20020501_160508_000000702005_00326_00881_0721.N1	01-MAY-2002 16:05:08	Bright	70.000	66	37Gam Cyg	2.2080	5900.0	140	881	No
23	GOM_NL__2PRFIN20020501_160920_000000432005_00326_00881_0722.N1	01-MAY-2002 16:09:20	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	881	No
24	GOM_NL__2PRFIN20020501_161346_000000442005_00326_00881_0723.N1	01-MAY-2002 16:13:46	Twilight	43.500	90	54Alp Peg	2.4870	11000.	87	881	No
25	GOM_NL__2PRFIN20020501_161810_000000622005_00326_00881_0724.N1	01-MAY-2002 16:18:10	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	881	No
26	GOM_NL__2PRFIN20020501_162035_000000512005_00326_00881_0725.N1	01-MAY-2002 16:20:35	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	881	No
27	GOM_NL__2PRFIN20020501_162422_000000552005_00326_00881_0726.N1	01-MAY-2002 16:24:22	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	881	No
28	GOM_NL__2PRFIN20020501_162635_000000392005_00326_00881_0727.N1	01-MAY-2002 16:26:35	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	881	No
29	GOM_NL__2PRFIN20020501_162824_000000372005_00326_00881_0728.N1	01-MAY-2002 16:28:24	Dark	37.000	84	Alp Phe	2.3970	4500.0	74	881	No
30	GOM_NL__2PRFIN20020501_163053_000000382005_00326_00881_0729.N1	01-MAY-2002 16:30:53	Dark	37.500	172	Gam Gru	3.0030	13100.	75	881	No
31	GOM_NL__2PRFIN20020501_163222_000000412005_00326_00881_0730.N1	01-MAY-2002 16:32:22	Dark	40.500	31	Alp Gru	1.7340	15200.	81	881	No
32	GOM_NL__2PRFIN20020501_163458_000000352005_00327_00882_0700.N1	01-MAY-2002 16:34:58	Dark	35.000	148	Alp Tuc	2.8780	4100.0	70	882	No
33	GOM_NL__2PRFIN20020501_163752_000000392005_00327_00882_0701.N1	01-MAY-2002 16:37:52	Dark	39.000	45	Alp Pav	1.9400	26000.	78	882	No
34	GOM_NL__2PRFIN20020501_164401_000000692005_00327_00882_0702.N1	01-MAY-2002 16:44:01	Straylight	69.000	103	38Zet Sgr	2.6000	9700.0	138	882	No
35	GOM_NL__2PRFIN20020501_164627_000000692005_00327_00882_0703.N1	01-MAY-2002 16:46:27	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	882	No
36	GOM_NL__2PRFIN20020501_164840_000000422005_00327_00882_0704.N1	01-MAY-2002 16:48:40	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	882	No
37	GOM_NL__2PRFIN20020501_165011_000000402005_00327_00882_0705.N1	01-MAY-2002 16:50:11	Straylight	40.000	20	Bet Cru	1.2530	30000.	80	882	No
38	GOM_NL__2PRFIN20020501_165206_000000342005_00327_00882_0706.N1	01-MAY-2002 16:52:06	Straylight	34.000	78	Alp Lup	2.3040	28000.	68	882	No
39	GOM_NL__2PRFIN20020501_165338_000000382005_00327_00882_0707.N1	01-MAY-2002 16:53:38	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	882	No
40	GOM_NL__2PRFIN20020501_165501_000000532005_00327_00882_0708.N1	01-MAY-2002 16:55:01	Twilight	53.000	136	23Tau Sco	2.8220	30000.	106	882	No
41	GOM_NL__2PRFIN20020501_165651_000000502005_00327_00882_0709.N1	01-MAY-2002 16:56:51	Twilight	49.500	158	6Pi Sco	2.9060	28000.	99	882	No
42	GOM_NL__2PRFIN20020501_165914_000000592005_00327_00882_0710.N1	01-MAY-2002 16:59:14	Bright	58.500	97	8Bet1Sco	2.5610	30000.	117	882	No

43	GOM_NL__2PRFIN20020501_170117_000000432005_00327_00882_0711.N1	01-MAY-2002 17:01:17	Bright	43.000	122	9Alp2Lib	2.7470	9700.0	86	882	No
44	GOM_NL__2PRFIN20020501_170318_000000362005_00327_00882_0712.N1	01-MAY-2002 17:03:18	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	882	No
45	GOM_NL__2PRFIN20020501_170623_000000332005_00327_00882_0713.N1	01-MAY-2002 17:06:23	Bright	33.000	121	29Gam Vir	2.7400	7200.0	66	882	No
46	GOM_NL__2PRFIN20020501_170941_000000332005_00327_00882_0714.N1	01-MAY-2002 17:09:41	Bright	32.500	138	47Eps Vir	2.8280	4700.0	65	882	No
47	GOM_NL__2PRFIN20020501_171130_000000332005_00327_00882_0715.N1	01-MAY-2002 17:11:30	Bright	33.000	62	94Bet Leo	2.1360	9700.0	66	882	No
48	GOM_NL__2PRFIN20020501_171538_000000432005_00327_00882_0716.N1	01-MAY-2002 17:15:38	Bright	42.500	83		2.3780	11000.	85	882	No
49	GOM_NL__2PRFIN20020501_171743_000000512005_00327_00882_0717.N1	01-MAY-2002 17:17:43	Bright	51.000	67	5Alp CrB	2.2210	11000.	102	882	No
50	GOM_NL__2PRFIN20020501_172055_000000352005_00327_00882_0718.N1	01-MAY-2002 17:20:55	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	882	No
51	GOM_NL__2PRFIN20020501_172224_000000332005_00327_00882_0719.N1	01-MAY-2002 17:22:24	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	882	No
52	GOM_NL__2PRFIN20020501_172443_000000352005_00327_00882_0720.N1	01-MAY-2002 17:24:43	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	882	No
53	GOM_NL__2PRFIN20020501_172812_000000392005_00327_00882_0721.N1	01-MAY-2002 17:28:12	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	882	No
54	GOM_NL__2PRFIN20020501_173210_000000332005_00327_00882_0722.N1	01-MAY-2002 17:32:10	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	882	No
55	GOM_NL__2PRFIN20020501_173832_000000362005_00327_00882_0723.N1	01-MAY-2002 17:38:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	882	No
56	GOM_NL__2PRFIN20020501_174011_000000292005_00327_00882_0724.N1	01-MAY-2002 17:40:11	Bright	29.000	76	27Gam Cas	2.3000	30000.	58	882	No
57	GOM_NL__2PRFIN20020501_174127_000000312005_00327_00882_0725.N1	01-MAY-2002 17:41:27	Bright	31.000	68	18Alp Cas	2.2250	4500.0	62	882	No
58	GOM_NL__2PRFIN20020501_174345_000000572005_00327_00882_0726.N1	01-MAY-2002 17:43:45	Bright	56.500	19	50Alp Cyg	1.2460	10500.	113	882	No
59	GOM_NL__2PRFIN20020501_174543_000000672005_00327_00882_0727.N1	01-MAY-2002 17:45:43	Bright	66.500	66	37Gam Cyg	2.2080	5900.0	133	882	No
60	GOM_NL__2PRFIN20020501_174956_000000422005_00327_00882_0728.N1	01-MAY-2002 17:49:56	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	882	No
61	GOM_NL__2PRFIN20020501_175423_000000422005_00327_00882_0729.N1	01-MAY-2002 17:54:23	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	882	No
62	GOM_NL__2PRFIN20020501_175847_000000632005_00327_00882_0730.N1	01-MAY-2002 17:58:47	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	882	No
63	GOM_NL__2PRFIN20020501_180111_000000522005_00327_00882_0731.N1	01-MAY-2002 18:01:11	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	882	No
64	GOM_NL__2PRFIN20020501_180459_000000582005_00327_00882_0732.N1	01-MAY-2002 18:04:59	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	882	No
65	GOM_NL__2PRFIN20020501_180712_000000462005_00327_00882_0733.N1	01-MAY-2002 18:07:12	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	882	No
66	GOM_NL__2PRFIN20020501_180901_000000392005_00327_00882_0734.N1	01-MAY-2002 18:09:01	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	882	No
67	GOM_NL__2PRFIN20020501_181129_000000382005_00327_00882_0735.N1	01-MAY-2002 18:11:29	Dark	37.500	172	Gam Gru	3.0030	13100.	75	882	No
68	GOM_NL__2PRFIN20020501_181258_000000422005_00327_00882_0736.N1	01-MAY-2002 18:12:58	Dark	41.500	31	Alp Gru	1.7340	15200.	83	882	No
69	GOM_NL__2PRFIN20020501_181534_000000362005_00328_00883_0700.N1	01-MAY-2002 18:15:34	Dark	35.500	148	Alp Tuc	2.8780	4100.0	71	883	No
70	GOM_NL__2PRFIN20020501_181828_000000382005_00328_00883_0701.N1	01-MAY-2002 18:18:28	Dark	37.500	45	Alp Pav	1.9400	26000.	75	883	No
71	GOM_NL__2PRFIN20020501_182438_000000692005_00328_00883_0702.N1	01-MAY-2002 18:24:38	Straylight	69.000	103	38Zet Sgr	2.6000	9700.0	138	883	No
72	GOM_NL__2PRFIN20020501_182704_000000692005_00328_00883_0703.N1	01-MAY-2002 18:27:04	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	883	No
73	GOM_NL__2PRFIN20020501_182916_000000442005_00328_00883_0704.N1	01-MAY-2002 18:29:16	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	883	No
74	GOM_NL__2PRFIN20020501_183047_000000362005_00328_00883_0705.N1	01-MAY-2002 18:30:47	Straylight	35.500	20	Bet Cru	1.2530	30000.	71	883	No
75	GOM_NL__2PRFIN20020501_183242_000000352005_00328_00883_0706.N1	01-MAY-2002 18:32:42	Straylight	34.500	78	Alp Lup	2.3040	28000.	69	883	No
76	GOM_NL__2PRFIN20020501_183414_000000402005_00328_00883_0707.N1	01-MAY-2002 18:34:14	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	883	No
77	GOM_NL__2PRFIN20020501_183538_000000552005_00328_00883_0708.N1	01-MAY-2002 18:35:38	Tw_and_stray	54.500	136	23Tau Sco	2.8220	30000.	109	883	No
78	GOM_NL__2PRFIN20020501_183727_000000482005_00328_00883_0709.N1	01-MAY-2002 18:37:27	Tw_and_stray	48.000	158	6Pi Sco	2.9060	28000.	96	883	No
79	GOM_NL__2PRFIN20020501_183950_000000612005_00328_00883_0710.N1	01-MAY-2002 18:39:50	Bright	61.000	97	8Bet1Sco	2.5610	30000.	122	883	No
80	GOM_NL__2PRFIN20020501_184153_000000382005_00328_00883_0711.N1	01-MAY-2002 18:41:53	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	883	No
81	GOM_NL__2PRFIN20020501_184354_000000362005_00328_00883_0712.N1	01-MAY-2002 18:43:54	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	883	No
82	GOM_NL__2PRFIN20020501_184659_000000342005_00328_00883_0713.N1	01-MAY-2002 18:46:59	Bright	33.500	121	29Gam Vir	2.7400	7200.0	67	883	No
83	GOM_NL__2PRFIN20020501_185017_000000332005_00328_00883_0714.N1	01-MAY-2002 18:50:17	Bright	32.500	138	47Eps Vir	2.8280	4700.0	65	883	No
84	GOM_NL__2PRFIN20020501_185207_000000332005_00328_00883_0715.N1	01-MAY-2002 18:52:07	Bright	33.000	62	94Bet Leo	2.1360	9700.0	66	883	No
85	GOM_NL__2PRFIN20020501_185613_000000422005_00328_00883_0716.N1	01-MAY-2002 18:56:13	Bright	42.000	83		2.3780	11000.	84	883	No
86	GOM_NL__2PRFIN20020501_185818_000000482005_00328_00883_0717.N1	01-MAY-2002 18:58:18	Bright	47.500	67	5Alp CrB	2.2210	11000.	95	883	No
87	GOM_NL__2PRFIN20020501_190130_000000362005_00328_00883_0718.N1	01-MAY-2002 19:01:30	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	883	No
88	GOM_NL__2PRFIN20020501_190259_000000352005_00328_00883_0719.N1	01-MAY-2002 19:02:59	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	883	No
89	GOM_NL__2PRFIN20020501_190519_000000362005_00328_00883_0720.N1	01-MAY-2002 19:05:19	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	883	No
90	GOM_NL__2PRFIN20020501_190847_000000392005_00328_00883_0721.N1	01-MAY-2002 19:08:47	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	883	No
91	GOM_NL__2PRFIN20020501_191246_000000292005_00328_00883_0722.N1	01-MAY-2002 19:12:46	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	883	No
92	GOM_NL__2PRFIN20020501_191908_000000392005_00328_00883_0723.N1	01-MAY-2002 19:19:08	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	883	No
93	GOM_NL__2PRFIN20020501_192047_000000322005_00328_00883_0724.N1	01-MAY-2002 19:20:47	Bright	31.500	76	27Gam Cas	2.3000	30000.	63	883	No
94	GOM_NL__2PRFIN20020501_192203_000000482005_00328_00883_0725.N1	01-MAY-2002 19:22:03	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	883	No
95	GOM_NL__2PRFIN20020501_192420_000000562005_00328_00883_0726.N1	01-MAY-2002 19:24:20	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	883	No
96	GOM_NL__2PRFIN20020501_192619_000000742005_00328_00883_0727.N1	01-MAY-2002 19:26:19	Bright	73.500	66	37Gam Cyg	2.2080	5900.0	147	883	No
97	GOM_NL__2PRFIN20020501_193032_000000452005_00328_00883_0728.N1	01-MAY-2002 19:30:32	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	883	No
98	GOM_NL__2PRFIN20020501_193459_000000432005_00328_00883_0729.N1	01-MAY-2002 19:34:59	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	883	No
99	GOM_NL__2PRFIN20020501_193924_000000632005_00328_00883_0730.N1	01-MAY-2002 19:39:24	Dark	63.000	61	8Eps Peg	2.1000	3900.0	126	883	No
100	GOM_NL__2PRFIN20020501_194148_000000492005_00328_00883_0731.N1	01-MAY-2002 19:41:48	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	883	No
101	GOM_NL__2PRFIN20020501_194536_000000572005_00328_00883_0732.N1	01-MAY-2002 19:45:36	Dark	56.500	154	22Bet Aqr	2.8990	5700.0	113	883	No

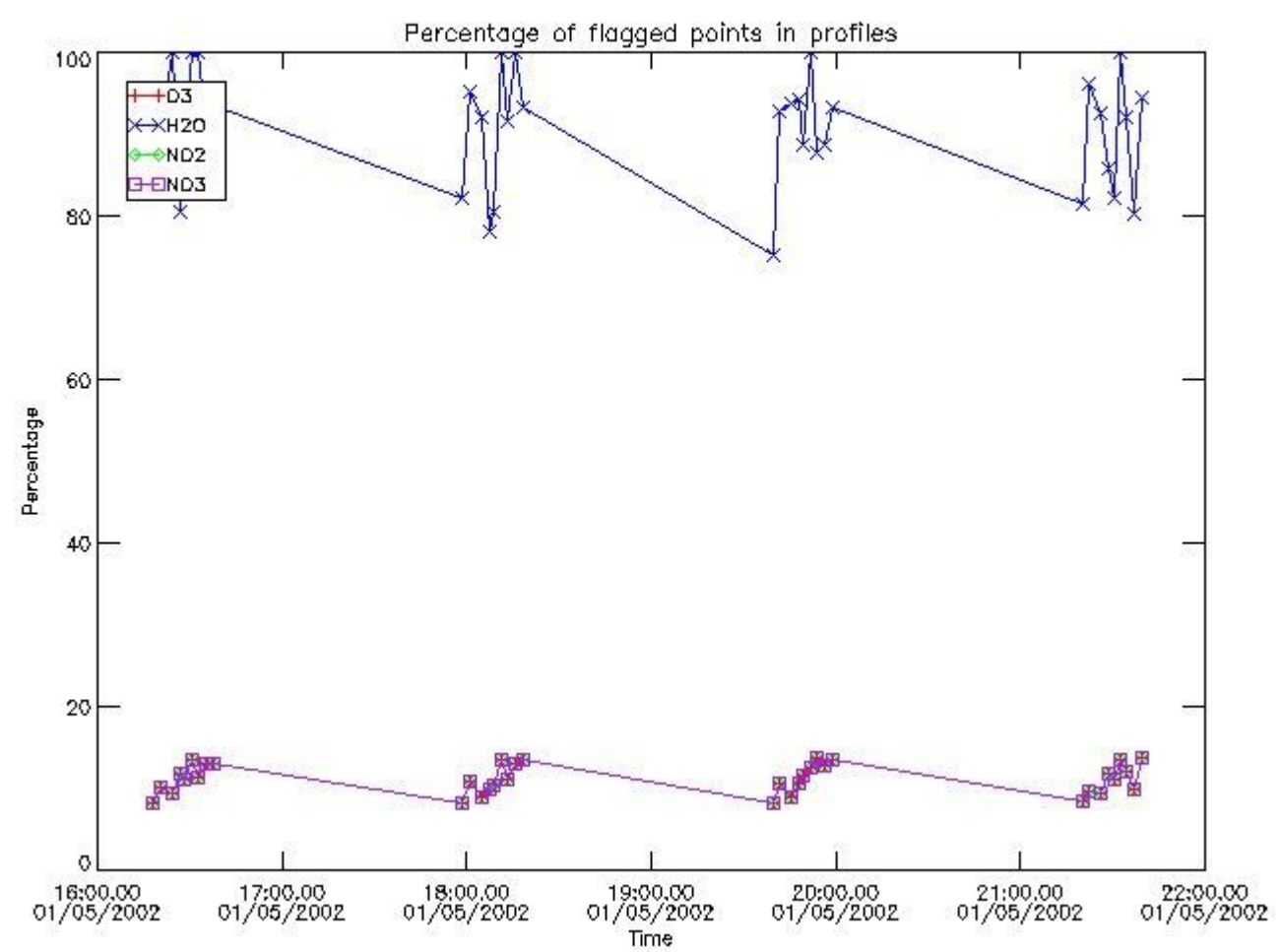
102	GOM_NL__2PRFIN20020501_194748_000000432005_00328_00883_0733.N1	01-MAY-2002 19:47:48	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	883	No
103	GOM_NL__2PRFIN20020501_194937_000000362005_00328_00883_0734.N1	01-MAY-2002 19:49:37	Dark	35.500	84	Alp Phe	2.3970	4500.0	71	883	No
104	GOM_NL__2PRFIN20020501_195206_000000412005_00328_00883_0735.N1	01-MAY-2002 19:52:06	Dark	40.500	172	Gam Gru	3.0030	13100.	81	883	No
105	GOM_NL__2PRFIN20020501_195335_000000372005_00328_00883_0736.N1	01-MAY-2002 19:53:35	Dark	37.000	31	Alp Gru	1.7340	15200.	74	883	No
106	GOM_NL__2PRFIN20020501_195610_000000362005_00329_00884_0701.N1	01-MAY-2002 19:56:10	Dark	36.000	148	Alp Tuc	2.8780	4100.0	72	884	No
107	GOM_NL__2PRFIN20020501_195905_000000382005_00329_00884_0702.N1	01-MAY-2002 19:59:05	Dark	38.000	45	Alp Pav	1.9400	26000.	76	884	No
108	GOM_NL__2PRFIN20020501_200516_000000682005_00329_00884_0703.N1	01-MAY-2002 20:05:16	Straylight	68.000	103	38Zet Sgr	2.6000	9700.0	136	884	No
109	GOM_NL__2PRFIN20020501_200741_000000632005_00329_00884_0704.N1	01-MAY-2002 20:07:41	Straylight	62.500	38	20Eps Sgr	1.8360	11000.	125	884	No
110	GOM_NL__2PRFIN20020501_200952_000000442005_00329_00884_0705.N1	01-MAY-2002 20:09:52	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	884	No
111	GOM_NL__2PRFIN20020501_201123_000000382005_00329_00884_0706.N1	01-MAY-2002 20:11:23	Straylight	38.000	20	Bet Cru	1.2530	30000.	76	884	No
112	GOM_NL__2PRFIN20020501_201318_000000362005_00329_00884_0707.N1	01-MAY-2002 20:13:18	Straylight	35.500	78	Alp Lup	2.3040	28000.	71	884	No
113	GOM_NL__2PRFIN20020501_201451_000000392005_00329_00884_0708.N1	01-MAY-2002 20:14:51	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	884	No
114	GOM_NL__2PRFIN20020501_201614_000000542005_00329_00884_0709.N1	01-MAY-2002 20:16:14	Twi_and_stray	53.500	136	23Tau Sco	2.8220	30000.	107	884	No
115	GOM_NL__2PRFIN20020501_201804_000000472005_00329_00884_0710.N1	01-MAY-2002 20:18:04	Twi_and_stray	47.000	158	6Pi Sco	2.9060	28000.	94	884	No
116	GOM_NL__2PRFIN20020501_202026_000000642005_00329_00884_0711.N1	01-MAY-2002 20:20:26	Bright	63.500	97	8Bet1Sco	2.5610	30000.	127	884	No
117	GOM_NL__2PRFIN20020501_202229_000000402005_00329_00884_0712.N1	01-MAY-2002 20:22:29	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	884	No
118	GOM_NL__2PRFIN20020501_202431_000000352005_00329_00884_0713.N1	01-MAY-2002 20:24:31	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	884	No
119	GOM_NL__2PRFIN20020501_202735_000000332005_00329_00884_0714.N1	01-MAY-2002 20:27:35	Bright	33.000	121	29Gam Vir	2.7400	7200.0	66	884	No
120	GOM_NL__2PRFIN20020501_203053_000000332005_00329_00884_0715.N1	01-MAY-2002 20:30:53	Bright	33.000	138	47Eps Vir	2.8280	4700.0	66	884	No
121	GOM_NL__2PRFIN20020501_203243_000000332005_00329_00884_0716.N1	01-MAY-2002 20:32:43	Bright	33.000	62	94Bet Leo	2.1360	9700.0	66	884	No
122	GOM_NL__2PRFIN20020501_203649_000000392005_00329_00884_0717.N1	01-MAY-2002 20:36:49	Bright	38.500	83		2.3780	11000.	77	884	No
123	GOM_NL__2PRFIN20020501_203853_000000482005_00329_00884_0718.N1	01-MAY-2002 20:38:53	Bright	48.000	67	5Alp CrB	2.2210	11000.	96	884	No
124	GOM_NL__2PRFIN20020501_204206_000000352005_00329_00884_0719.N1	01-MAY-2002 20:42:06	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	884	No
125	GOM_NL__2PRFIN20020501_204335_000000352005_00329_00884_0720.N1	01-MAY-2002 20:43:35	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	884	No
126	GOM_NL__2PRFIN20020501_204555_000000342005_00329_00884_0721.N1	01-MAY-2002 20:45:55	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	884	No
127	GOM_NL__2PRFIN20020501_204922_000000422005_00329_00884_0722.N1	01-MAY-2002 20:49:22	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	884	No
128	GOM_NL__2PRFIN20020501_205322_000000342005_00329_00884_0723.N1	01-MAY-2002 20:53:22	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	884	No
129	GOM_NL__2PRFIN20020501_205944_000000382005_00329_00884_0724.N1	01-MAY-2002 20:59:44	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	884	No
130	GOM_NL__2PRFIN20020501_210123_000000302005_00329_00884_0725.N1	01-MAY-2002 21:01:23	Bright	29.500	76	27Gam Cas	2.3000	30000.	59	884	No
131	GOM_NL__2PRFIN20020501_210239_000000302005_00329_00884_0726.N1	01-MAY-2002 21:02:39	Bright	30.000	68	18Alp Cas	2.2250	4500.0	60	884	No
132	GOM_NL__2PRFIN20020501_210456_000000572005_00329_00884_0727.N1	01-MAY-2002 21:04:56	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	884	No
133	GOM_NL__2PRFIN20020501_210655_000000672005_00329_00884_0728.N1	01-MAY-2002 21:06:55	Bright	67.000	66	37Gam Cyg	2.2080	5900.0	134	884	No
134	GOM_NL__2PRFIN20020501_211108_000000562005_00329_00884_0729.N1	01-MAY-2002 21:11:08	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	884	No
135	GOM_NL__2PRFIN20020501_211535_000000412005_00329_00884_0730.N1	01-MAY-2002 21:15:35	Twilight	41.000	90	54Alp Peg	2.4870	11000.	82	884	No
136	GOM_NL__2PRFIN20020501_212000_000000662005_00329_00884_0731.N1	01-MAY-2002 21:20:00	Dark	65.500	61	8Eps Peg	2.1000	3900.0	131	884	No
137	GOM_NL__2PRFIN20020501_212225_000000542005_00329_00884_0732.N1	01-MAY-2002 21:22:25	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	884	No
138	GOM_NL__2PRFIN20020501_212613_000000552005_00329_00884_0733.N1	01-MAY-2002 21:26:13	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	884	No
139	GOM_NL__2PRFIN20020501_212825_000000392005_00329_00884_0734.N1	01-MAY-2002 21:28:25	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	884	No
140	GOM_NL__2PRFIN20020501_213013_000000372005_00329_00884_0735.N1	01-MAY-2002 21:30:13	Dark	37.000	84	Alp Phe	2.3970	4500.0	74	884	No
141	GOM_NL__2PRFIN20020501_213243_000000382005_00329_00884_0736.N1	01-MAY-2002 21:32:43	Dark	37.500	172	Gam Gru	3.0030	13100.	75	884	No
142	GOM_NL__2PRFIN20020501_213411_000000382005_00329_00884_0737.N1	01-MAY-2002 21:34:11	Dark	38.000	31	Alp Gru	1.7340	15200.	76	884	No
143	GOM_NL__2PRFIN20020501_213647_000000412005_00330_00885_0701.N1	01-MAY-2002 21:36:47	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	885	No
144	GOM_NL__2PRFIN20020501_213942_000000372005_00330_00885_0702.N1	01-MAY-2002 21:39:42	Dark	37.000	45	Alp Pav	1.9400	26000.	74	885	No
145	GOM_NL__2PRFIN20020501_214554_000000672005_00330_00885_0703.N1	01-MAY-2002 21:45:54	Straylight	67.000	103	38Zet Sgr	2.6000	9700.0	134	885	No
146	GOM_NL__2PRFIN20020501_214819_000000612005_00330_00885_0704.N1	01-MAY-2002 21:48:19	Straylight	61.000	38	20Eps Sgr	1.8360	11000.	122	885	No
147	GOM_NL__2PRFIN20020501_215029_000000122005_00330_00885_0705.N1	01-MAY-2002 21:50:29	Straylight	11.500	4	Alp1Cen	-0.010000	5800.0	23	885	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.

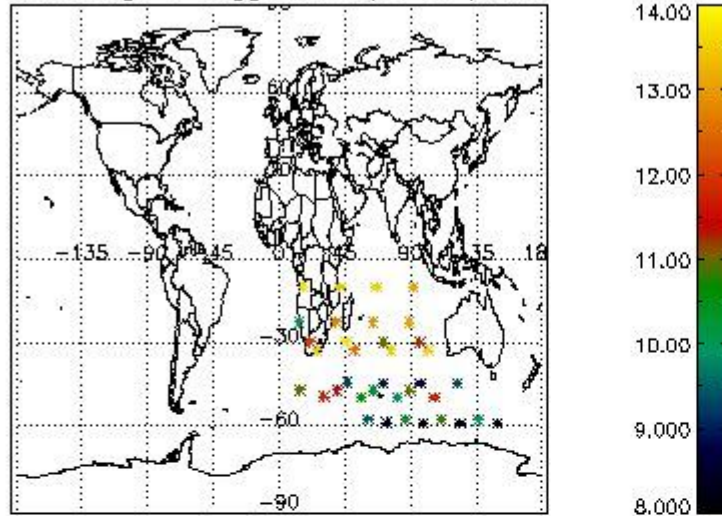
#### 3.1 Plot quality information per product (time dependant)



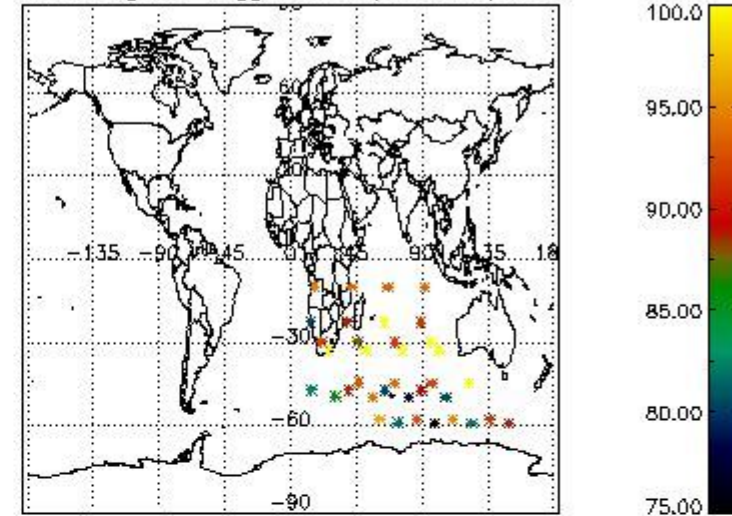


3.2 Plot quality information per product (world map)

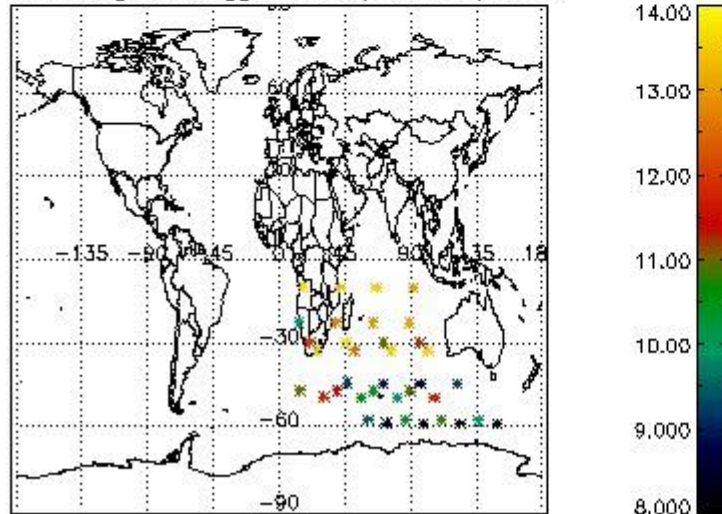
Percentage of flagged data per O3 profile



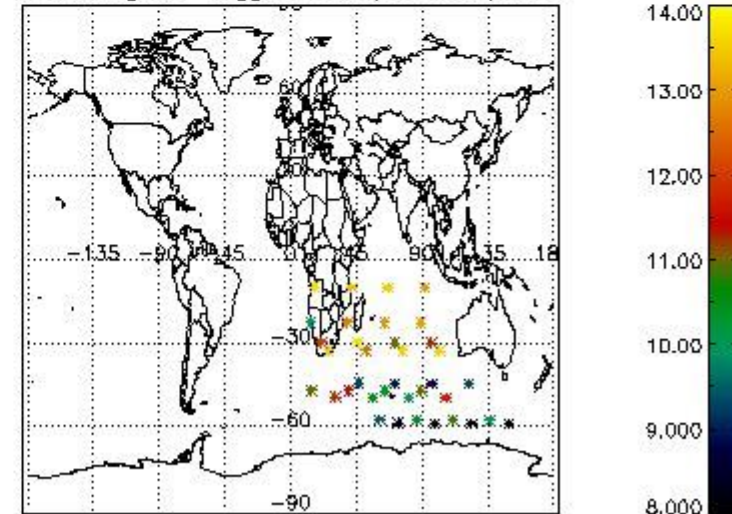
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

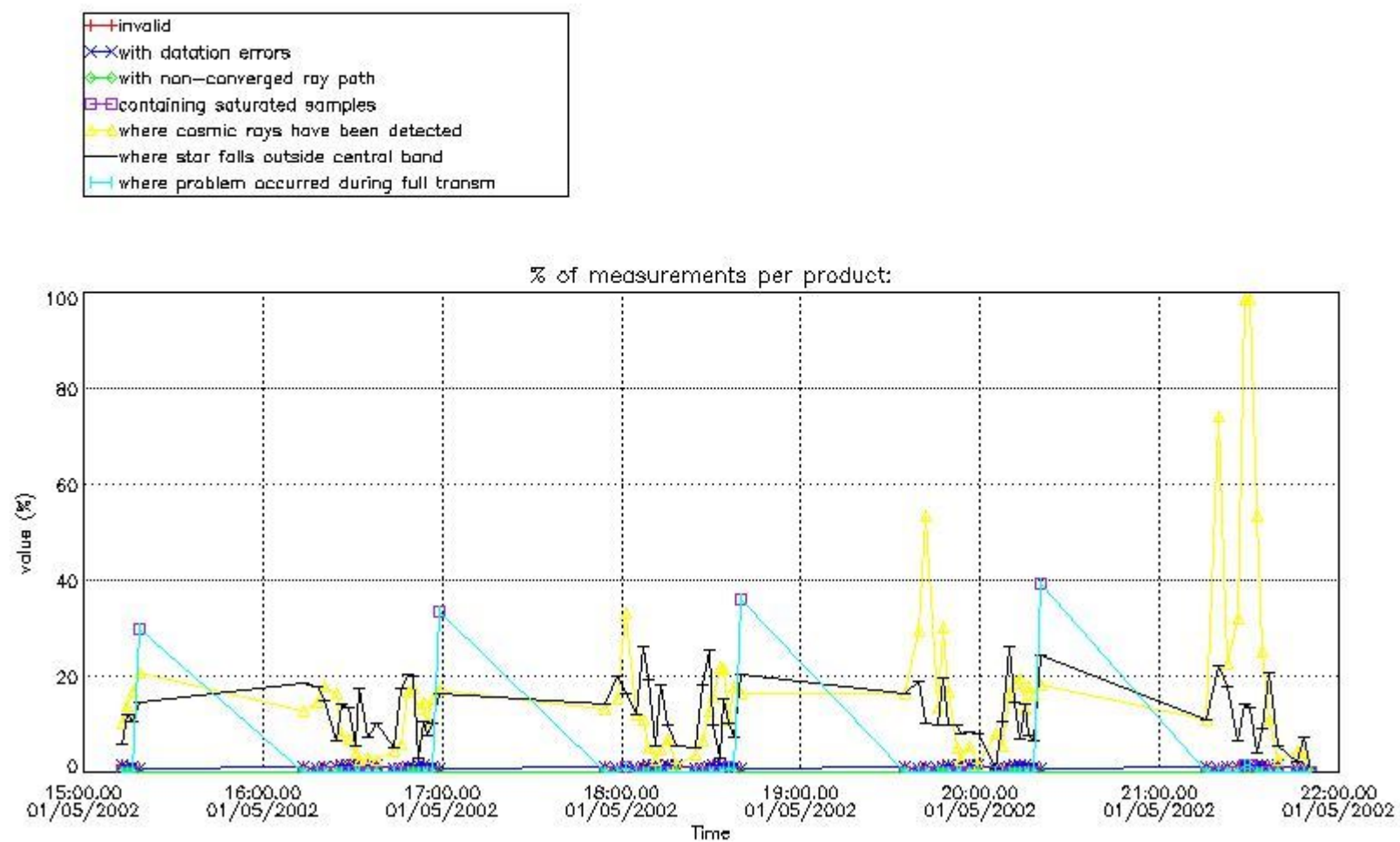


#### 4. Level 1 quality information per product

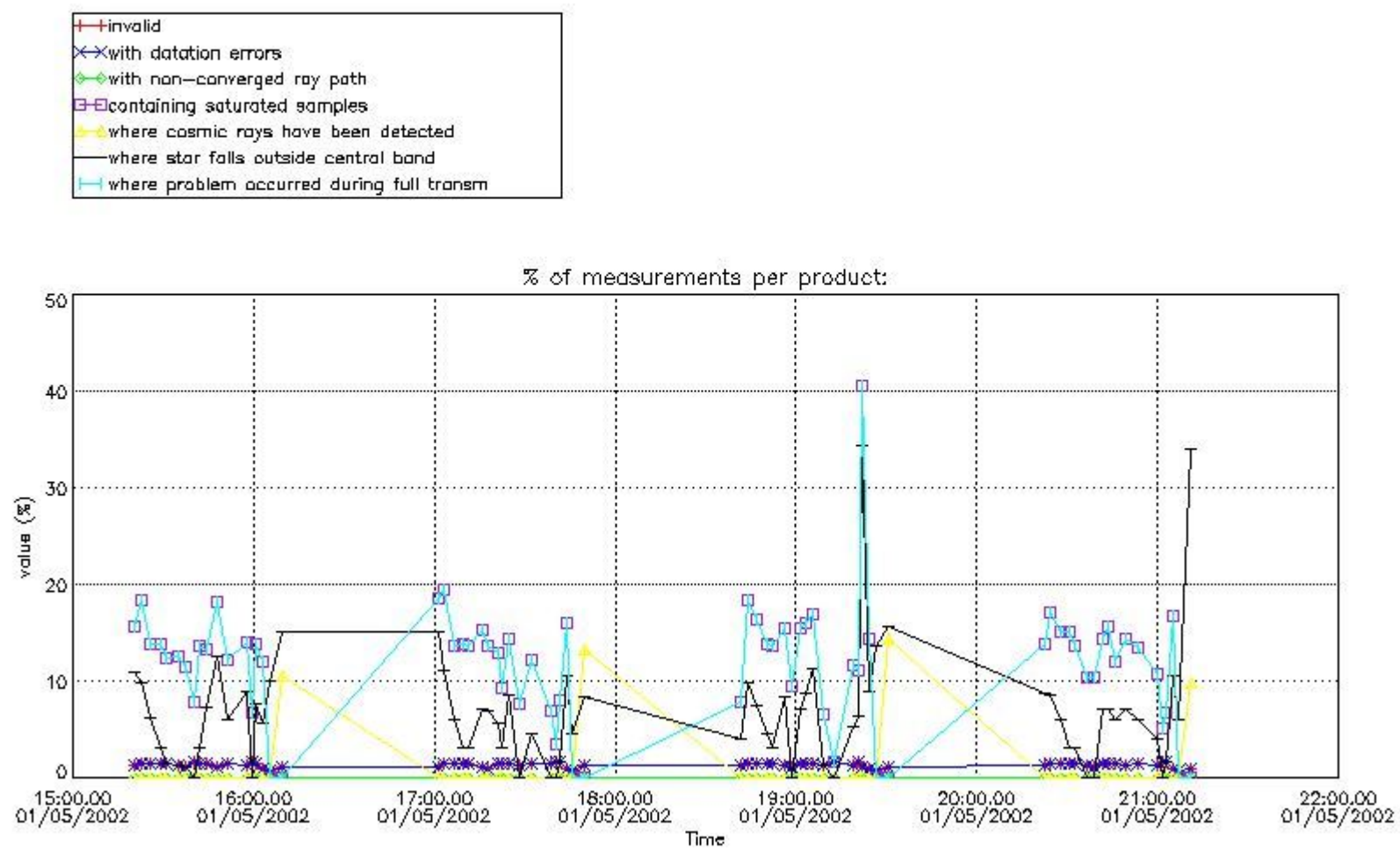
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

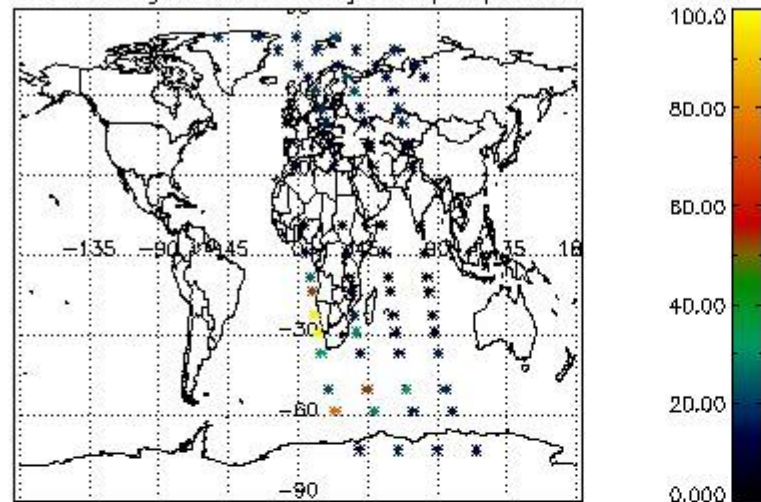


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

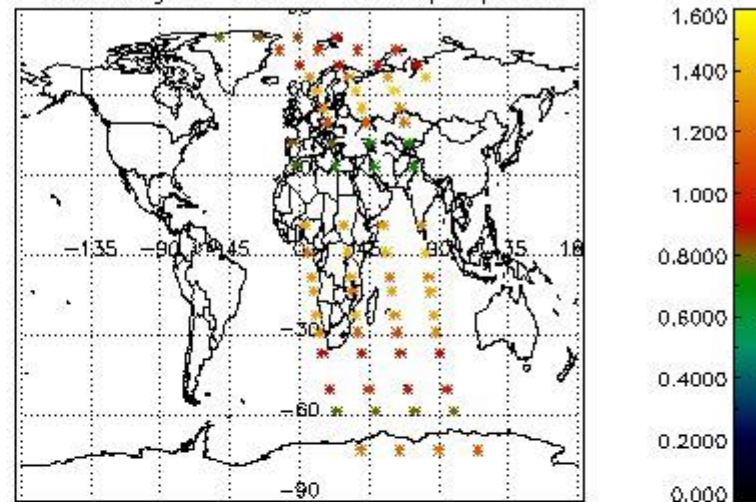
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



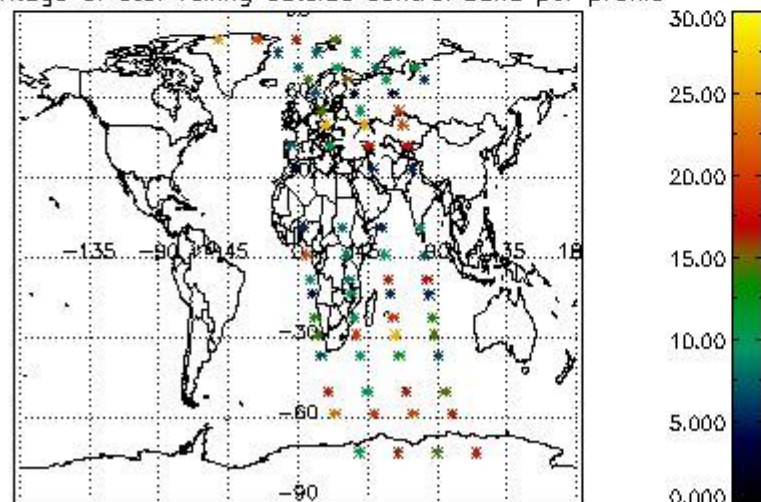
Percentage of cosmic ray hits per profile



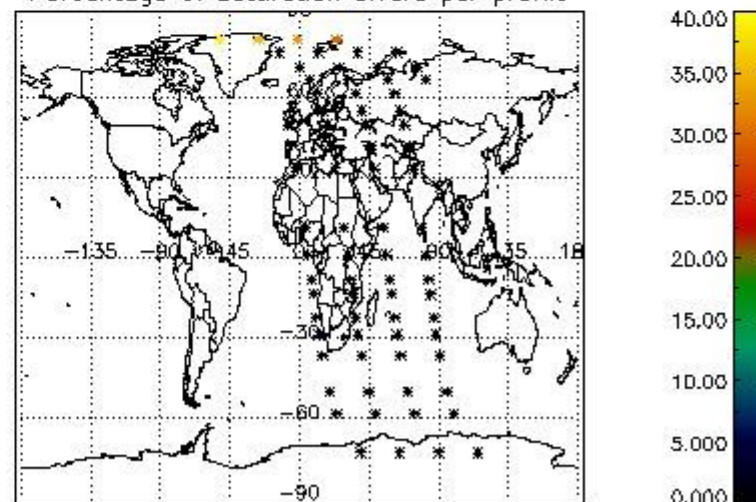
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

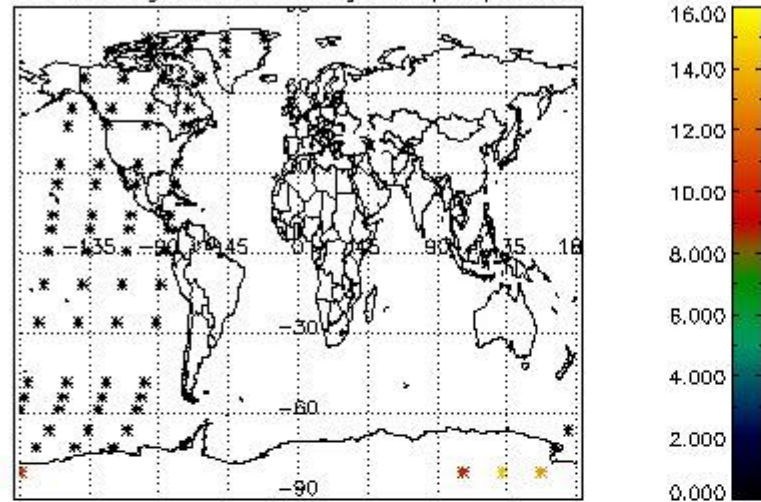


Percentage of saturation errors per profile

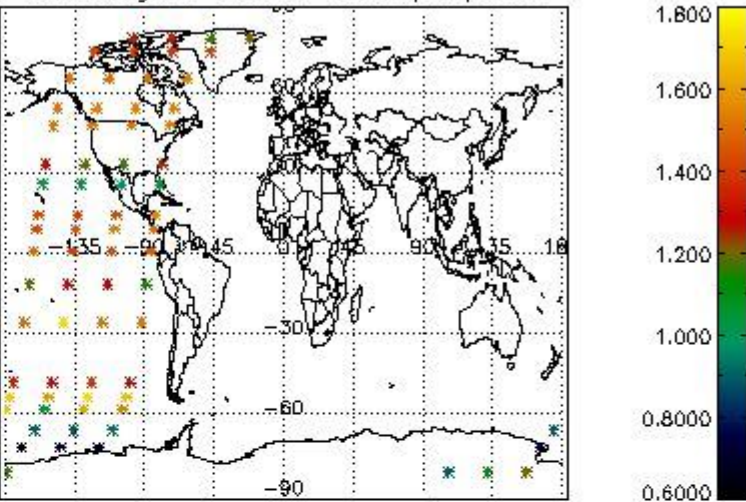


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

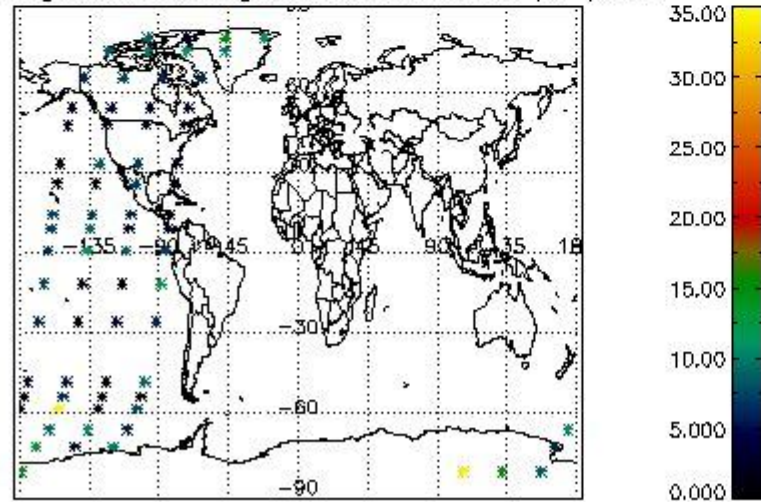
Percentage of cosmic ray hits per profile



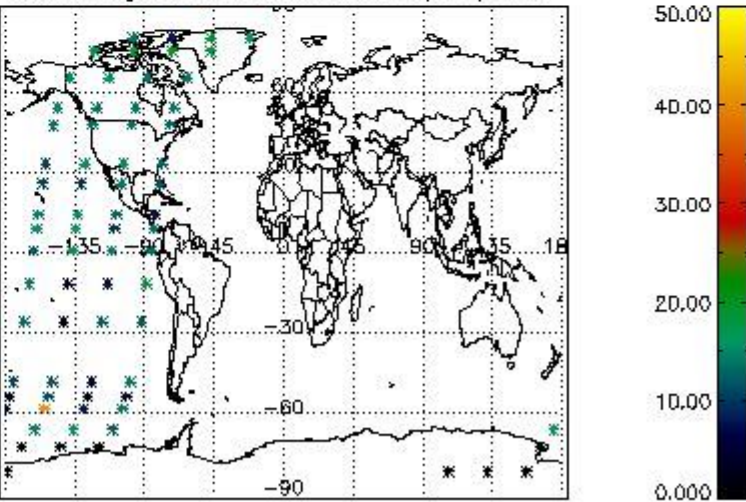
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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.

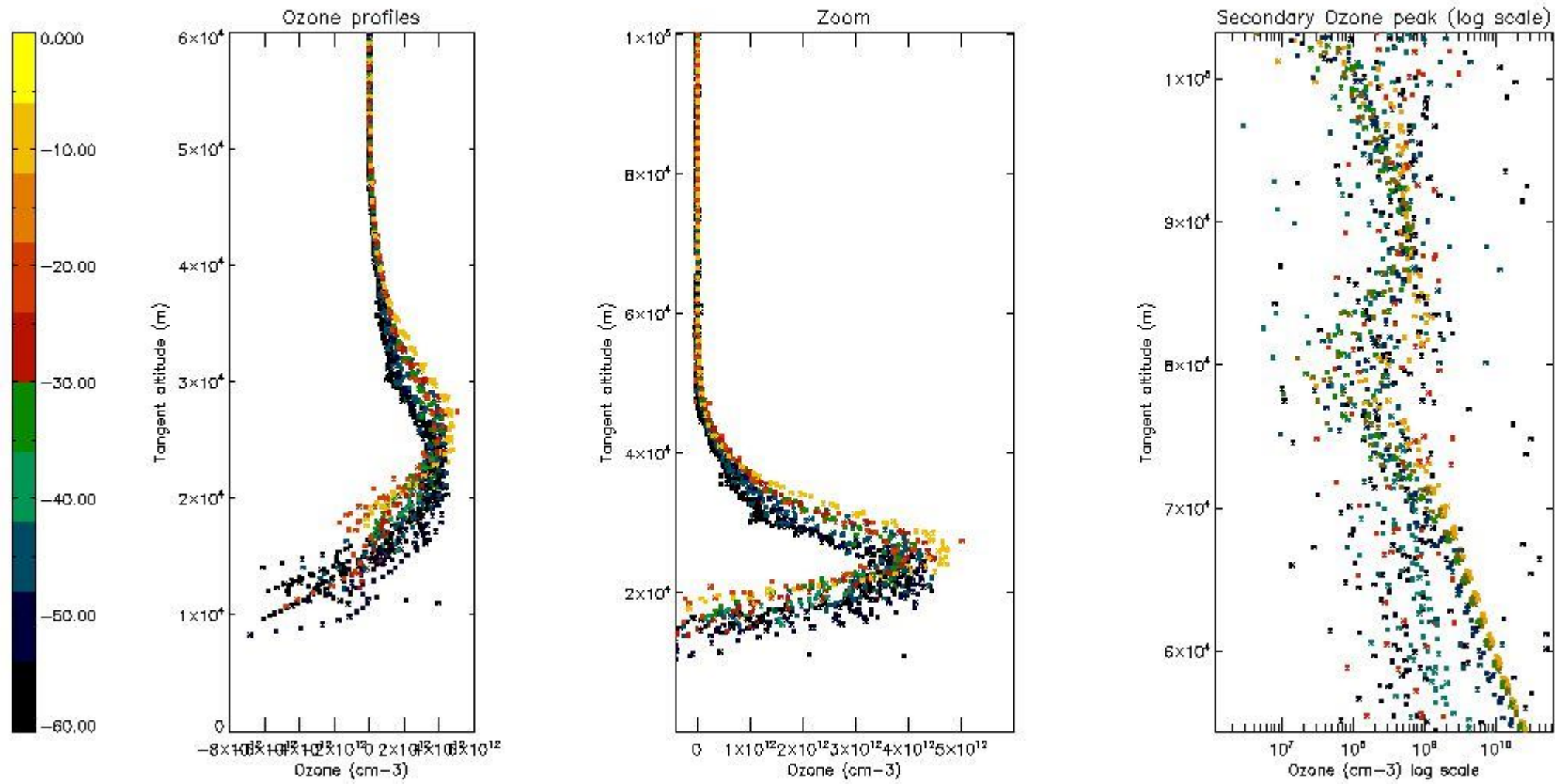
Criteria	% of total production
All STD	26
STD < 20	14



STD < 10	11
STD < 5	7

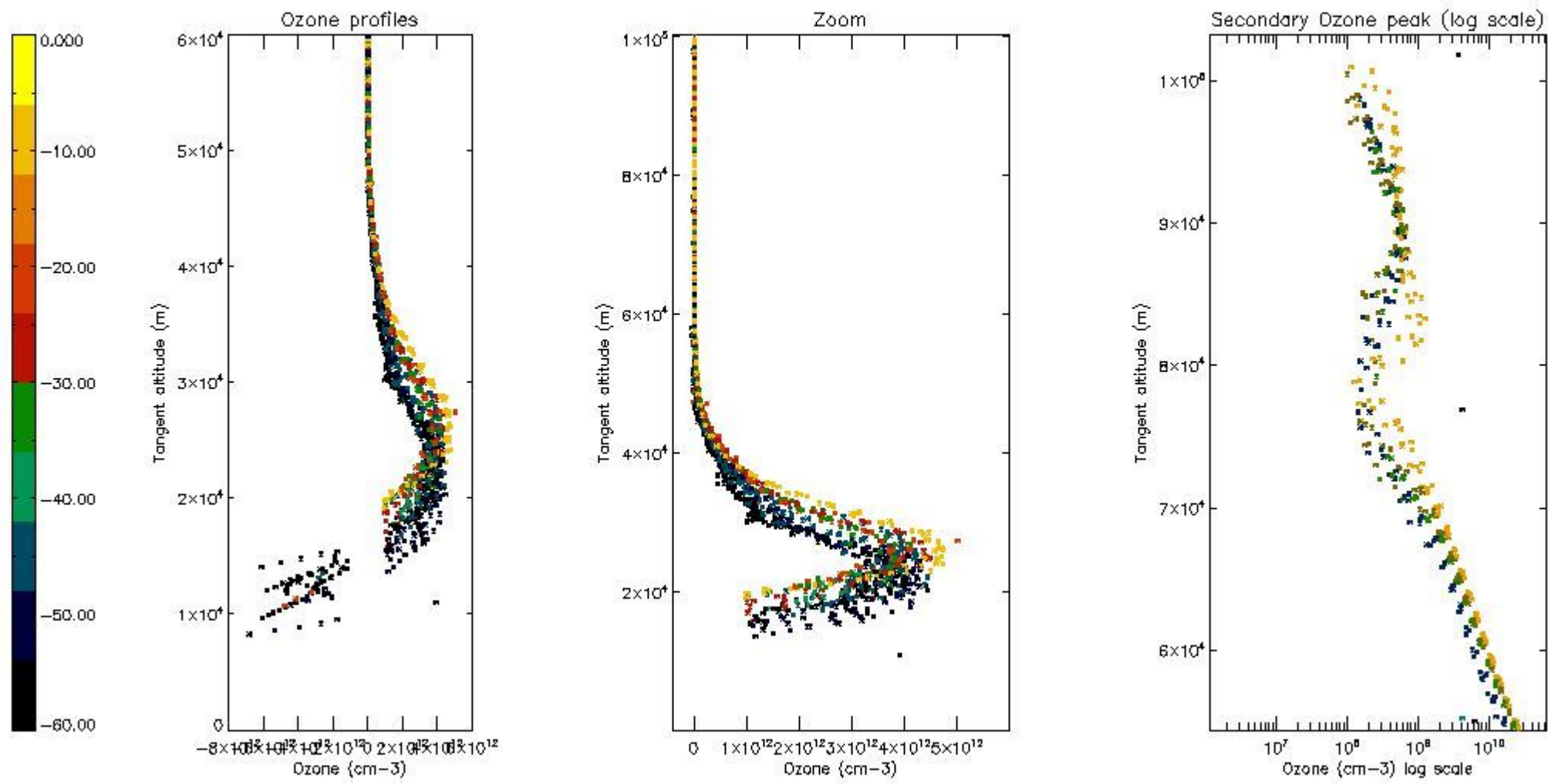
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

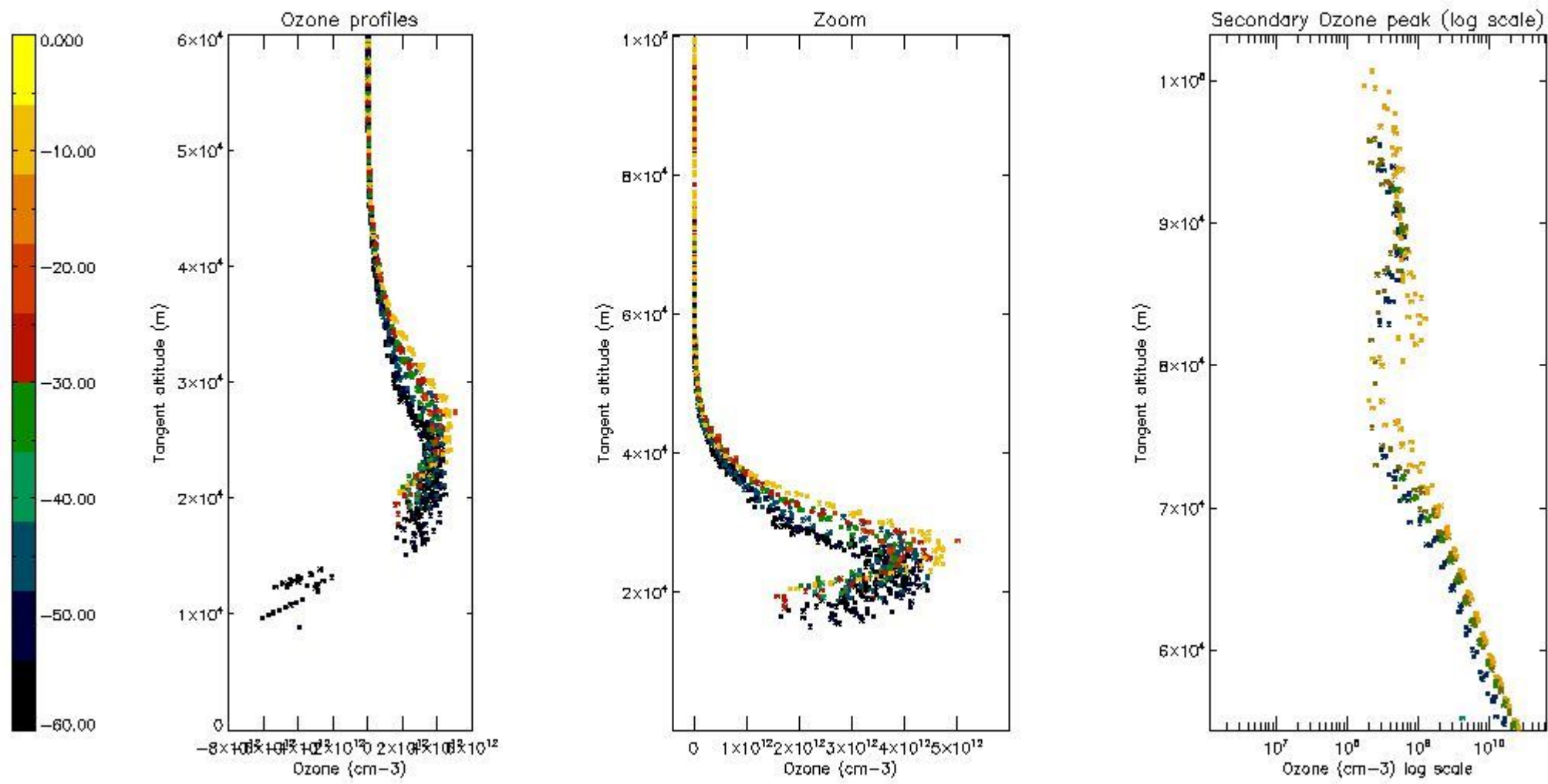
The colorbar represents the latitude.



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

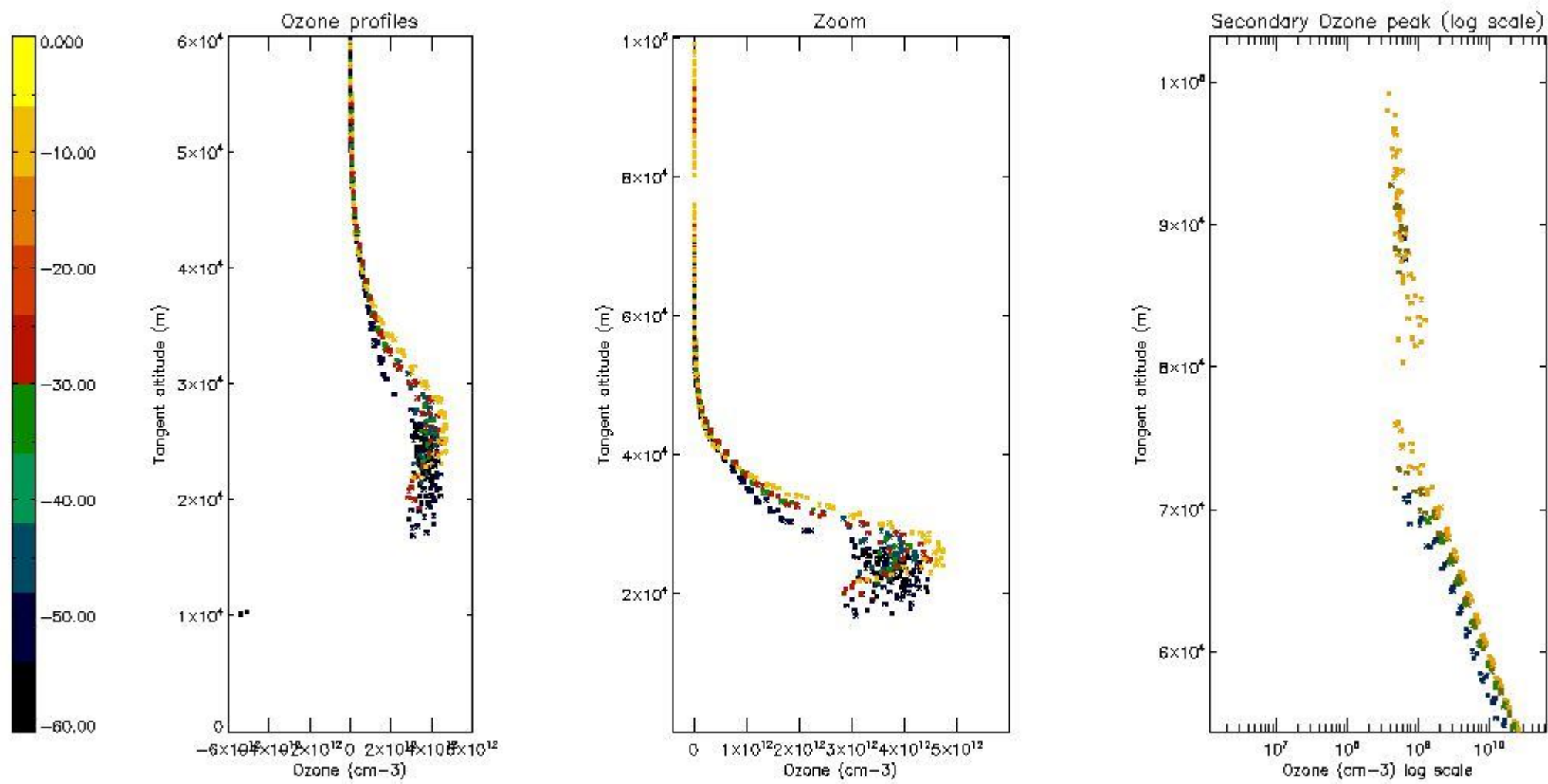
The colorbar represents the latitude.





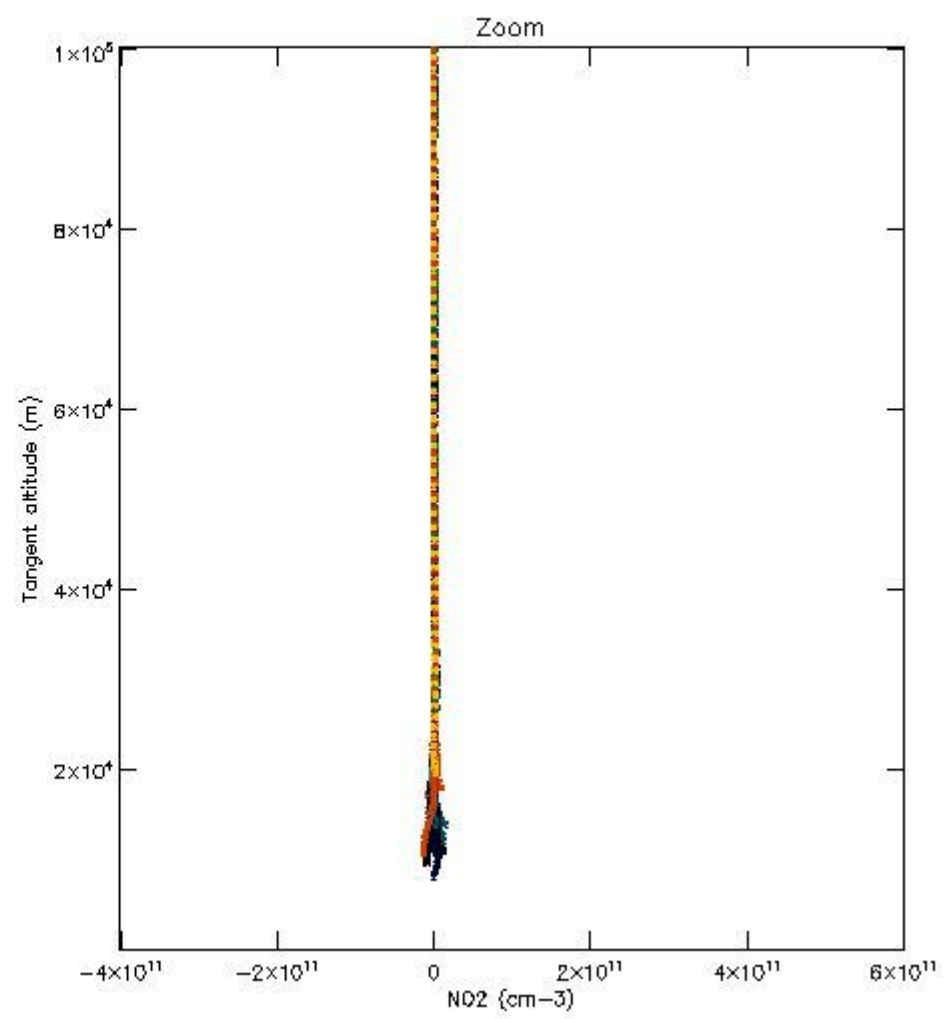
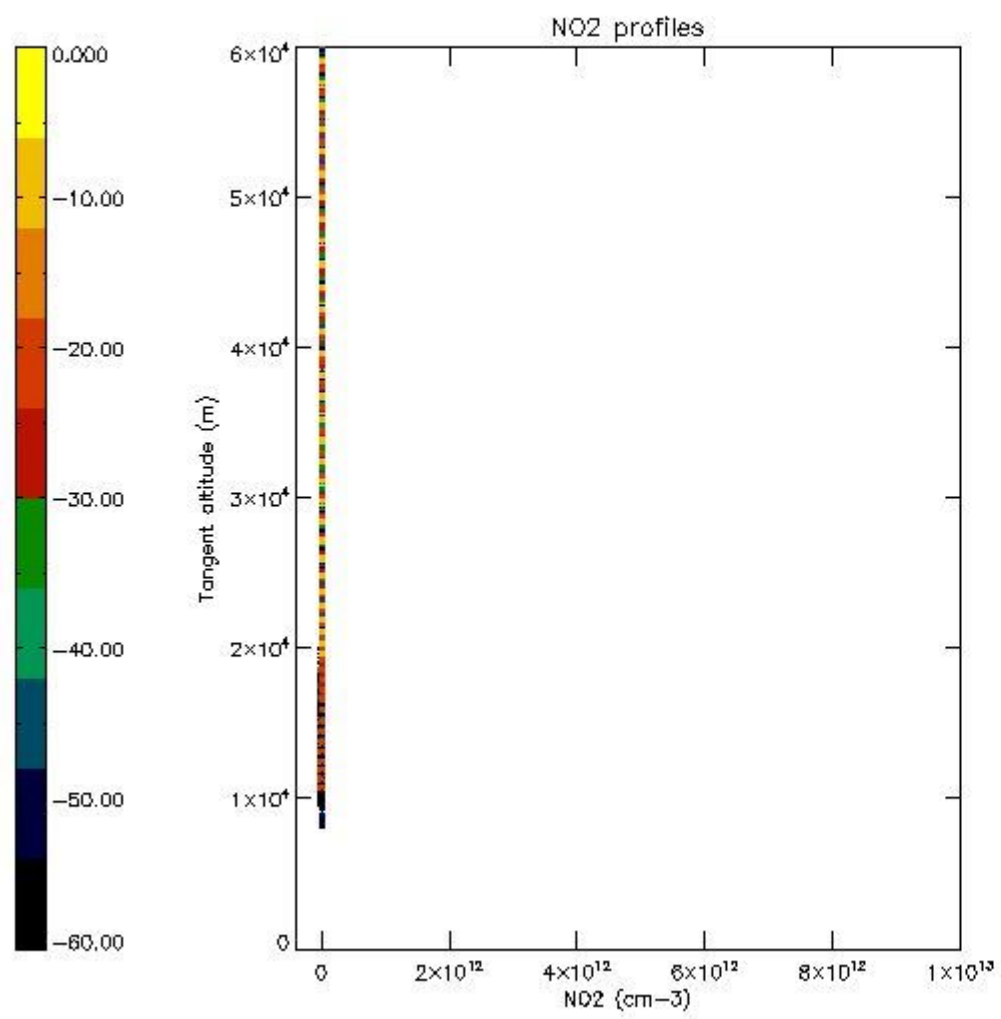
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



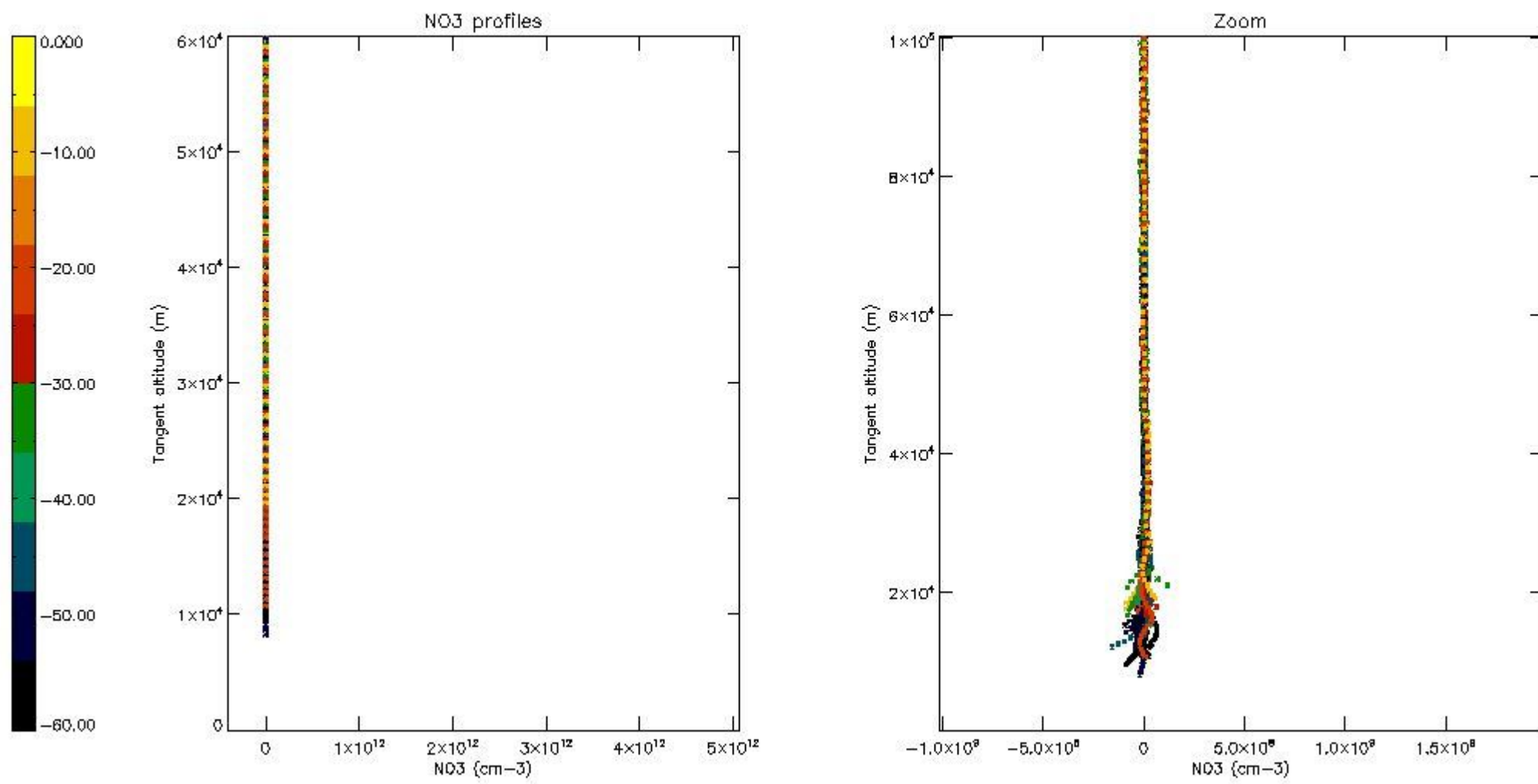
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

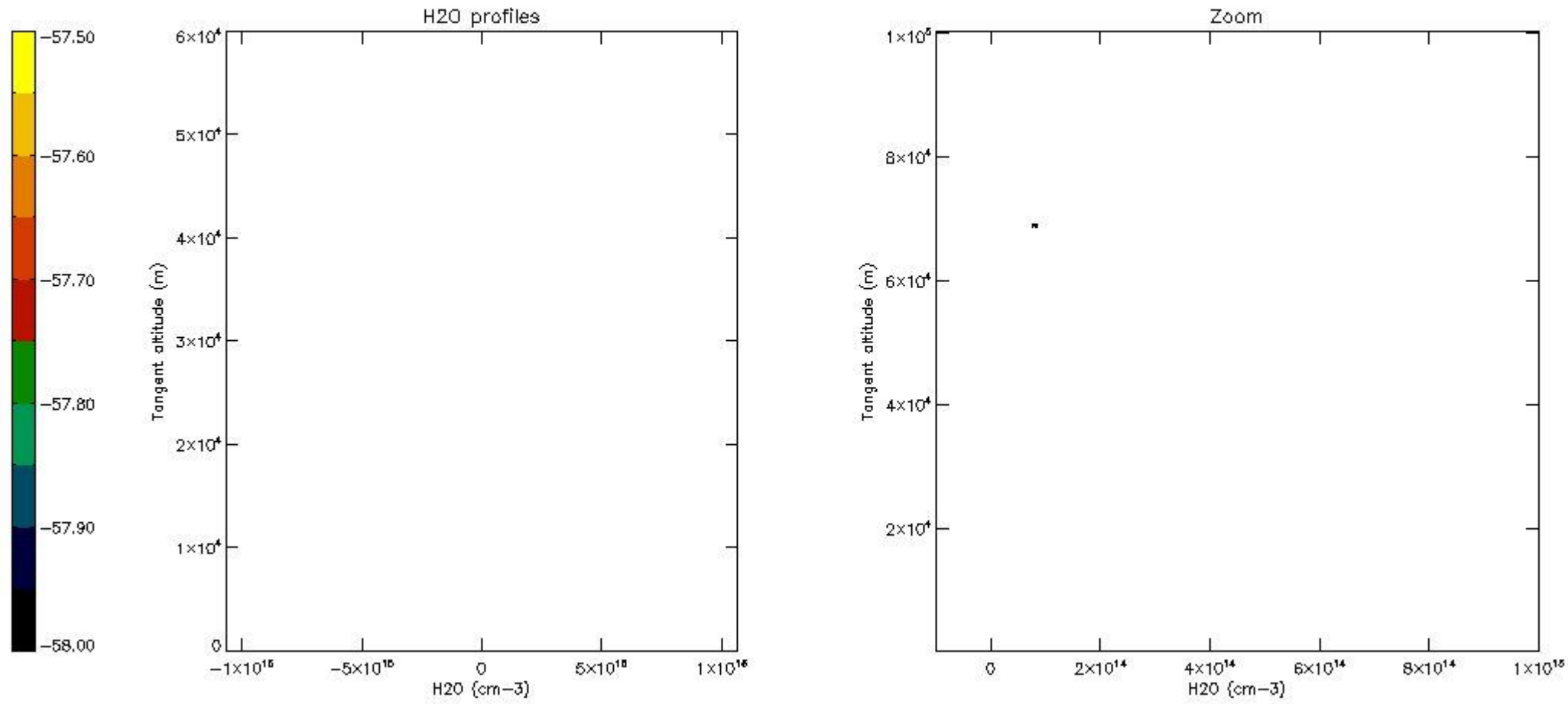
The colorbar represents the latitude.



*5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)*

The colorbar represents the latitude.





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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	01-MAY-2002 15:11:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-MAY-2002 15:11:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-MAY-2002 15:11:29

# GOMOS Level 2 Daily Report

## SUMMARY

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

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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	17APR2013 17:34:46
Data source version	GOMOS/6.01
Start time of products	01-05-2002 (01MAY2002 00:00:00)
Stop time of products	02-05-2002 (02MAY2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	147
Nb of prods with errors	1

## 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__2PRFIN20020501_151129_000000382005_00326_00881_0700.N1	01-MAY-2002 15:11:29	Dark	37.500	78	Alp Lup	2.3040	28000.	75	881	Yes
2	GOM_NL__2PRFIN20020501_151302_000000352005_00326_00881_0701.N1	01-MAY-2002 15:13:02	Straylight	35.000	81	Eta Cen	2.3560	28000.	70	881	No
3	GOM_NL__2PRFIN20020501_151425_000000552005_00326_00881_0702.N1	01-MAY-2002 15:14:25	Twilight	55.000	136	23Tau Sco	2.8220	30000.	110	881	No
4	GOM_NL__2PRFIN20020501_151615_000000482005_00326_00881_0703.N1	01-MAY-2002 15:16:15	Twilight	48.000	158	6Pi Sco	2.9060	28000.	96	881	No
5	GOM_NL__2PRFIN20020501_151838_000000562005_00326_00881_0704.N1	01-MAY-2002 15:18:38	Bright	55.500	97	8Bet1Sco	2.5610	30000.	111	881	No
6	GOM_NL__2PRFIN20020501_152041_000000422005_00326_00881_0705.N1	01-MAY-2002 15:20:41	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	881	No
7	GOM_NL__2PRFIN20020501_152242_000000362005_00326_00881_0706.N1	01-MAY-2002 15:22:42	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	881	No
8	GOM_NL__2PRFIN20020501_152547_000000332005_00326_00881_0707.N1	01-MAY-2002 15:25:47	Bright	32.500	121	29Gam Vir	2.7400	7200.0	65	881	No
9	GOM_NL__2PRFIN20020501_152905_000000332005_00326_00881_0708.N1	01-MAY-2002 15:29:05	Bright	32.500	138	47Eps Vir	2.8280	4700.0	65	881	No
10	GOM_NL__2PRFIN20020501_153054_000000332005_00326_00881_0709.N1	01-MAY-2002 15:30:54	Bright	32.500	62	94Bet Leo	2.1360	9700.0	65	881	No
11	GOM_NL__2PRFIN20020501_153502_000000402005_00326_00881_0710.N1	01-MAY-2002 15:35:02	Bright	40.000	83		2.3780	11000.	80	881	No
12	GOM_NL__2PRFIN20020501_153708_000000482005_00326_00881_0711.N1	01-MAY-2002 15:37:08	Bright	48.000	67	5Alp CrB	2.2210	11000.	96	881	No
13	GOM_NL__2PRFIN20020501_154019_000000322005_00326_00881_0712.N1	01-MAY-2002 15:40:19	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	881	No
14	GOM_NL__2PRFIN20020501_154148_000000332005_00326_00881_0713.N1	01-MAY-2002 15:41:48	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	881	No
15	GOM_NL__2PRFIN20020501_154407_000000342005_00326_00881_0714.N1	01-MAY-2002 15:44:07	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	881	No
16	GOM_NL__2PRFIN20020501_154737_000000442005_00326_00881_0715.N1	01-MAY-2002 15:47:37	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	881	No
17	GOM_NL__2PRFIN20020501_155134_000000332005_00326_00881_0716.N1	01-MAY-2002 15:51:34	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	881	No
18	GOM_NL__2PRFIN20020501_155757_000000402005_00326_00881_0717.N1	01-MAY-2002 15:57:57	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	881	No
19	GOM_NL__2PRFIN20020501_155935_000000302005_00326_00881_0718.N1	01-MAY-2002 15:59:35	Bright	30.000	76	27Gam Cas	2.3000	30000.	60	881	No
20	GOM_NL__2PRFIN20020501_160051_000000332005_00326_00881_0719.N1	01-MAY-2002 16:00:51	Bright	32.500	68	18Alp Cas	2.2250	4500.0	65	881	No
21	GOM_NL__2PRFIN20020501_160309_000000542005_00326_00881_0720.N1	01-MAY-2002 16:03:09	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	881	No
22	GOM_NL__2PRFIN20020501_160508_000000702005_00326_00881_0721.N1	01-MAY-2002 16:05:08	Bright	70.000	66	37Gam Cyg	2.2080	5900.0	140	881	No
23	GOM_NL__2PRFIN20020501_160920_000000432005_00326_00881_0722.N1	01-MAY-2002 16:09:20	Bright	43.000	164	44Eta Peg	2.9480	5400.0	86	881	No
24	GOM_NL__2PRFIN20020501_161346_000000442005_00326_00881_0723.N1	01-MAY-2002 16:13:46	Twilight	43.500	90	54Alp Peg	2.4870	11000.	87	881	No
25	GOM_NL__2PRFIN20020501_161810_000000622005_00326_00881_0724.N1	01-MAY-2002 16:18:10	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	881	No
26	GOM_NL__2PRFIN20020501_162035_000000512005_00326_00881_0725.N1	01-MAY-2002 16:20:35	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	881	No
27	GOM_NL__2PRFIN20020501_162422_000000552005_00326_00881_0726.N1	01-MAY-2002 16:24:22	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	881	No
28	GOM_NL__2PRFIN20020501_162635_000000392005_00326_00881_0727.N1	01-MAY-2002 16:26:35	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	881	No
29	GOM_NL__2PRFIN20020501_162824_000000372005_00326_00881_0728.N1	01-MAY-2002 16:28:24	Dark	37.000	84	Alp Phe	2.3970	4500.0	74	881	No
30	GOM_NL__2PRFIN20020501_163053_000000382005_00326_00881_0729.N1	01-MAY-2002 16:30:53	Dark	37.500	172	Gam Gru	3.0030	13100.	75	881	No
31	GOM_NL__2PRFIN20020501_163222_000000412005_00326_00881_0730.N1	01-MAY-2002 16:32:22	Dark	40.500	31	Alp Gru	1.7340	15200.	81	881	No
32	GOM_NL__2PRFIN20020501_163458_000000352005_00327_00882_0700.N1	01-MAY-2002 16:34:58	Dark	35.000	148	Alp Tuc	2.8780	4100.0	70	882	No
33	GOM_NL__2PRFIN20020501_163752_000000392005_00327_00882_0701.N1	01-MAY-2002 16:37:52	Dark	39.000	45	Alp Pav	1.9400	26000.	78	882	No
34	GOM_NL__2PRFIN20020501_164401_000000692005_00327_00882_0702.N1	01-MAY-2002 16:44:01	Straylight	69.000	103	38Zet Sgr	2.6000	9700.0	138	882	No
35	GOM_NL__2PRFIN20020501_164627_000000692005_00327_00882_0703.N1	01-MAY-2002 16:46:27	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	882	No
36	GOM_NL__2PRFIN20020501_164840_000000422005_00327_00882_0704.N1	01-MAY-2002 16:48:40	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	882	No
37	GOM_NL__2PRFIN20020501_165011_000000402005_00327_00882_0705.N1	01-MAY-2002 16:50:11	Straylight	40.000	20	Bet Cru	1.2530	30000.	80	882	No
38	GOM_NL__2PRFIN20020501_165206_000000342005_00327_00882_0706.N1	01-MAY-2002 16:52:06	Straylight	34.000	78	Alp Lup	2.3040	28000.	68	882	No
39	GOM_NL__2PRFIN20020501_165338_000000382005_00327_00882_0707.N1	01-MAY-2002 16:53:38	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	882	No
40	GOM_NL__2PRFIN20020501_165501_000000532005_00327_00882_0708.N1	01-MAY-2002 16:55:01	Twilight	53.000	136	23Tau Sco	2.8220	30000.	106	882	No
41	GOM_NL__2PRFIN20020501_165651_000000502005_00327_00882_0709.N1	01-MAY-2002 16:56:51	Twilight	49.500	158	6Pi Sco	2.9060	28000.	99	882	No
42	GOM_NL__2PRFIN20020501_165914_000000592005_00327_00882_0710.N1	01-MAY-2002 16:59:14	Bright	58.500	97	8Bet1Sco	2.5610	30000.	117	882	No

43	GOM_NL__2PRFIN20020501_170117_000000432005_00327_00882_0711.N1	01-MAY-2002 17:01:17	Bright	43.000	122	9Alp2Lib	2.7470	9700.0	86	882	No
44	GOM_NL__2PRFIN20020501_170318_000000362005_00327_00882_0712.N1	01-MAY-2002 17:03:18	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	882	No
45	GOM_NL__2PRFIN20020501_170623_000000332005_00327_00882_0713.N1	01-MAY-2002 17:06:23	Bright	33.000	121	29Gam Vir	2.7400	7200.0	66	882	No
46	GOM_NL__2PRFIN20020501_170941_000000332005_00327_00882_0714.N1	01-MAY-2002 17:09:41	Bright	32.500	138	47Eps Vir	2.8280	4700.0	65	882	No
47	GOM_NL__2PRFIN20020501_171130_000000332005_00327_00882_0715.N1	01-MAY-2002 17:11:30	Bright	33.000	62	94Bet Leo	2.1360	9700.0	66	882	No
48	GOM_NL__2PRFIN20020501_171538_000000432005_00327_00882_0716.N1	01-MAY-2002 17:15:38	Bright	42.500	83		2.3780	11000.	85	882	No
49	GOM_NL__2PRFIN20020501_171743_000000512005_00327_00882_0717.N1	01-MAY-2002 17:17:43	Bright	51.000	67	5Alp CrB	2.2210	11000.	102	882	No
50	GOM_NL__2PRFIN20020501_172055_000000352005_00327_00882_0718.N1	01-MAY-2002 17:20:55	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	882	No
51	GOM_NL__2PRFIN20020501_172224_000000332005_00327_00882_0719.N1	01-MAY-2002 17:22:24	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	882	No
52	GOM_NL__2PRFIN20020501_172443_000000352005_00327_00882_0720.N1	01-MAY-2002 17:24:43	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	882	No
53	GOM_NL__2PRFIN20020501_172812_000000392005_00327_00882_0721.N1	01-MAY-2002 17:28:12	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	882	No
54	GOM_NL__2PRFIN20020501_173210_000000332005_00327_00882_0722.N1	01-MAY-2002 17:32:10	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	882	No
55	GOM_NL__2PRFIN20020501_173832_000000362005_00327_00882_0723.N1	01-MAY-2002 17:38:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	882	No
56	GOM_NL__2PRFIN20020501_174011_000000292005_00327_00882_0724.N1	01-MAY-2002 17:40:11	Bright	29.000	76	27Gam Cas	2.3000	30000.	58	882	No
57	GOM_NL__2PRFIN20020501_174127_000000312005_00327_00882_0725.N1	01-MAY-2002 17:41:27	Bright	31.000	68	18Alp Cas	2.2250	4500.0	62	882	No
58	GOM_NL__2PRFIN20020501_174345_000000572005_00327_00882_0726.N1	01-MAY-2002 17:43:45	Bright	56.500	19	50Alp Cyg	1.2460	10500.	113	882	No
59	GOM_NL__2PRFIN20020501_174543_000000672005_00327_00882_0727.N1	01-MAY-2002 17:45:43	Bright	66.500	66	37Gam Cyg	2.2080	5900.0	133	882	No
60	GOM_NL__2PRFIN20020501_174956_000000422005_00327_00882_0728.N1	01-MAY-2002 17:49:56	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	882	No
61	GOM_NL__2PRFIN20020501_175423_000000422005_00327_00882_0729.N1	01-MAY-2002 17:54:23	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	882	No
62	GOM_NL__2PRFIN20020501_175847_000000632005_00327_00882_0730.N1	01-MAY-2002 17:58:47	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	882	No
63	GOM_NL__2PRFIN20020501_180111_000000522005_00327_00882_0731.N1	01-MAY-2002 18:01:11	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	882	No
64	GOM_NL__2PRFIN20020501_180459_000000582005_00327_00882_0732.N1	01-MAY-2002 18:04:59	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	882	No
65	GOM_NL__2PRFIN20020501_180712_000000462005_00327_00882_0733.N1	01-MAY-2002 18:07:12	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	882	No
66	GOM_NL__2PRFIN20020501_180901_000000392005_00327_00882_0734.N1	01-MAY-2002 18:09:01	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	882	No
67	GOM_NL__2PRFIN20020501_181129_000000382005_00327_00882_0735.N1	01-MAY-2002 18:11:29	Dark	37.500	172	Gam Gru	3.0030	13100.	75	882	No
68	GOM_NL__2PRFIN20020501_181258_000000422005_00327_00882_0736.N1	01-MAY-2002 18:12:58	Dark	41.500	31	Alp Gru	1.7340	15200.	83	882	No
69	GOM_NL__2PRFIN20020501_181534_000000362005_00328_00883_0700.N1	01-MAY-2002 18:15:34	Dark	35.500	148	Alp Tuc	2.8780	4100.0	71	883	No
70	GOM_NL__2PRFIN20020501_181828_000000382005_00328_00883_0701.N1	01-MAY-2002 18:18:28	Dark	37.500	45	Alp Pav	1.9400	26000.	75	883	No
71	GOM_NL__2PRFIN20020501_182438_000000692005_00328_00883_0702.N1	01-MAY-2002 18:24:38	Straylight	69.000	103	38Zet Sgr	2.6000	9700.0	138	883	No
72	GOM_NL__2PRFIN20020501_182704_000000692005_00328_00883_0703.N1	01-MAY-2002 18:27:04	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	883	No
73	GOM_NL__2PRFIN20020501_182916_000000442005_00328_00883_0704.N1	01-MAY-2002 18:29:16	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	883	No
74	GOM_NL__2PRFIN20020501_183047_000000362005_00328_00883_0705.N1	01-MAY-2002 18:30:47	Straylight	35.500	20	Bet Cru	1.2530	30000.	71	883	No
75	GOM_NL__2PRFIN20020501_183242_000000352005_00328_00883_0706.N1	01-MAY-2002 18:32:42	Straylight	34.500	78	Alp Lup	2.3040	28000.	69	883	No
76	GOM_NL__2PRFIN20020501_183414_000000402005_00328_00883_0707.N1	01-MAY-2002 18:34:14	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	883	No
77	GOM_NL__2PRFIN20020501_183538_000000552005_00328_00883_0708.N1	01-MAY-2002 18:35:38	Tw_and_stray	54.500	136	23Tau Sco	2.8220	30000.	109	883	No
78	GOM_NL__2PRFIN20020501_183727_000000482005_00328_00883_0709.N1	01-MAY-2002 18:37:27	Tw_and_stray	48.000	158	6Pi Sco	2.9060	28000.	96	883	No
79	GOM_NL__2PRFIN20020501_183950_000000612005_00328_00883_0710.N1	01-MAY-2002 18:39:50	Bright	61.000	97	8Bet1Sco	2.5610	30000.	122	883	No
80	GOM_NL__2PRFIN20020501_184153_000000382005_00328_00883_0711.N1	01-MAY-2002 18:41:53	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	883	No
81	GOM_NL__2PRFIN20020501_184354_000000362005_00328_00883_0712.N1	01-MAY-2002 18:43:54	Bright	35.500	15	67Alp Vir	0.97600	28000.	71	883	No
82	GOM_NL__2PRFIN20020501_184659_000000342005_00328_00883_0713.N1	01-MAY-2002 18:46:59	Bright	33.500	121	29Gam Vir	2.7400	7200.0	67	883	No
83	GOM_NL__2PRFIN20020501_185017_000000332005_00328_00883_0714.N1	01-MAY-2002 18:50:17	Bright	32.500	138	47Eps Vir	2.8280	4700.0	65	883	No
84	GOM_NL__2PRFIN20020501_185207_000000332005_00328_00883_0715.N1	01-MAY-2002 18:52:07	Bright	33.000	62	94Bet Leo	2.1360	9700.0	66	883	No
85	GOM_NL__2PRFIN20020501_185613_000000422005_00328_00883_0716.N1	01-MAY-2002 18:56:13	Bright	42.000	83		2.3780	11000.	84	883	No
86	GOM_NL__2PRFIN20020501_185818_000000482005_00328_00883_0717.N1	01-MAY-2002 18:58:18	Bright	47.500	67	5Alp CrB	2.2210	11000.	95	883	No
87	GOM_NL__2PRFIN20020501_190130_000000362005_00328_00883_0718.N1	01-MAY-2002 19:01:30	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	883	No
88	GOM_NL__2PRFIN20020501_190259_000000352005_00328_00883_0719.N1	01-MAY-2002 19:02:59	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	883	No
89	GOM_NL__2PRFIN20020501_190519_000000362005_00328_00883_0720.N1	01-MAY-2002 19:05:19	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	883	No
90	GOM_NL__2PRFIN20020501_190847_000000392005_00328_00883_0721.N1	01-MAY-2002 19:08:47	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	883	No
91	GOM_NL__2PRFIN20020501_191246_000000292005_00328_00883_0722.N1	01-MAY-2002 19:12:46	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	883	No
92	GOM_NL__2PRFIN20020501_191908_000000392005_00328_00883_0723.N1	01-MAY-2002 19:19:08	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	883	No
93	GOM_NL__2PRFIN20020501_192047_000000322005_00328_00883_0724.N1	01-MAY-2002 19:20:47	Bright	31.500	76	27Gam Cas	2.3000	30000.	63	883	No
94	GOM_NL__2PRFIN20020501_192203_000000482005_00328_00883_0725.N1	01-MAY-2002 19:22:03	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	883	No
95	GOM_NL__2PRFIN20020501_192420_000000562005_00328_00883_0726.N1	01-MAY-2002 19:24:20	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	883	No
96	GOM_NL__2PRFIN20020501_192619_000000742005_00328_00883_0727.N1	01-MAY-2002 19:26:19	Bright	73.500	66	37Gam Cyg	2.2080	5900.0	147	883	No
97	GOM_NL__2PRFIN20020501_193032_000000452005_00328_00883_0728.N1	01-MAY-2002 19:30:32	Bright	45.000	164	44Eta Peg	2.9480	5400.0	90	883	No
98	GOM_NL__2PRFIN20020501_193459_000000432005_00328_00883_0729.N1	01-MAY-2002 19:34:59	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	883	No
99	GOM_NL__2PRFIN20020501_193924_000000632005_00328_00883_0730.N1	01-MAY-2002 19:39:24	Dark	63.000	61	8Eps Peg	2.1000	3900.0	126	883	No
100	GOM_NL__2PRFIN20020501_194148_000000492005_00328_00883_0731.N1	01-MAY-2002 19:41:48	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	883	No
101	GOM_NL__2PRFIN20020501_194536_000000572005_00328_00883_0732.N1	01-MAY-2002 19:45:36	Dark	56.500	154	22Bet Aqr	2.8990	5700.0	113	883	No

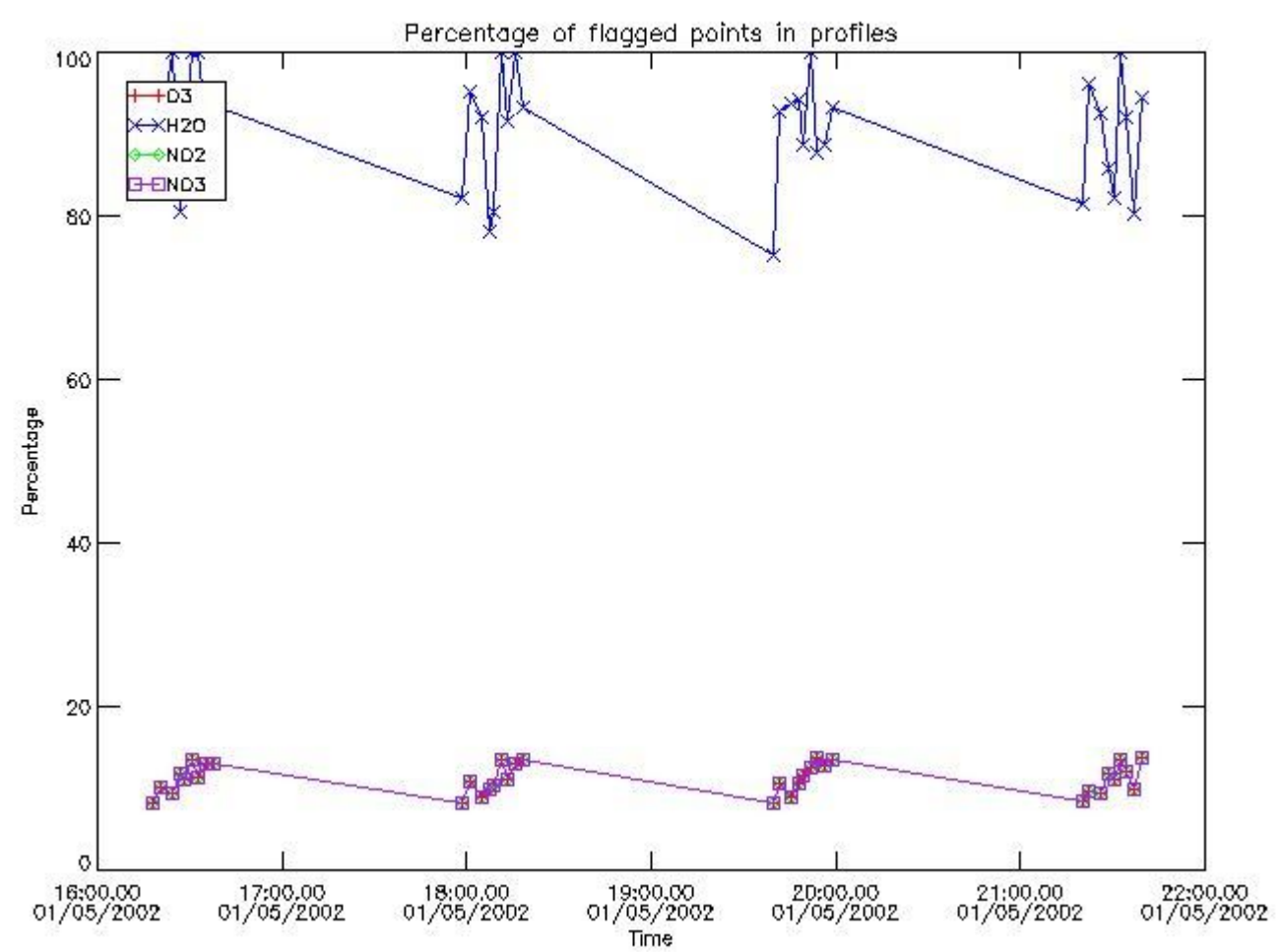


102	GOM_NL__2PRFIN20020501_194748_000000432005_00328_00883_0733.N1	01-MAY-2002 19:47:48	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	883	No
103	GOM_NL__2PRFIN20020501_194937_000000362005_00328_00883_0734.N1	01-MAY-2002 19:49:37	Dark	35.500	84	Alp Phe	2.3970	4500.0	71	883	No
104	GOM_NL__2PRFIN20020501_195206_000000412005_00328_00883_0735.N1	01-MAY-2002 19:52:06	Dark	40.500	172	Gam Gru	3.0030	13100.	81	883	No
105	GOM_NL__2PRFIN20020501_195335_000000372005_00328_00883_0736.N1	01-MAY-2002 19:53:35	Dark	37.000	31	Alp Gru	1.7340	15200.	74	883	No
106	GOM_NL__2PRFIN20020501_195610_000000362005_00329_00884_0701.N1	01-MAY-2002 19:56:10	Dark	36.000	148	Alp Tuc	2.8780	4100.0	72	884	No
107	GOM_NL__2PRFIN20020501_195905_000000382005_00329_00884_0702.N1	01-MAY-2002 19:59:05	Dark	38.000	45	Alp Pav	1.9400	26000.	76	884	No
108	GOM_NL__2PRFIN20020501_200516_000000682005_00329_00884_0703.N1	01-MAY-2002 20:05:16	Straylight	68.000	103	38Zet Sgr	2.6000	9700.0	136	884	No
109	GOM_NL__2PRFIN20020501_200741_000000632005_00329_00884_0704.N1	01-MAY-2002 20:07:41	Straylight	62.500	38	20Eps Sgr	1.8360	11000.	125	884	No
110	GOM_NL__2PRFIN20020501_200952_000000442005_00329_00884_0705.N1	01-MAY-2002 20:09:52	Straylight	44.000	4	Alp1Cen	-0.010000	5800.0	88	884	No
111	GOM_NL__2PRFIN20020501_201123_000000382005_00329_00884_0706.N1	01-MAY-2002 20:11:23	Straylight	38.000	20	Bet Cru	1.2530	30000.	76	884	No
112	GOM_NL__2PRFIN20020501_201318_000000362005_00329_00884_0707.N1	01-MAY-2002 20:13:18	Straylight	35.500	78	Alp Lup	2.3040	28000.	71	884	No
113	GOM_NL__2PRFIN20020501_201451_000000392005_00329_00884_0708.N1	01-MAY-2002 20:14:51	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	884	No
114	GOM_NL__2PRFIN20020501_201614_000000542005_00329_00884_0709.N1	01-MAY-2002 20:16:14	Twi_and_stray	53.500	136	23Tau Sco	2.8220	30000.	107	884	No
115	GOM_NL__2PRFIN20020501_201804_000000472005_00329_00884_0710.N1	01-MAY-2002 20:18:04	Twi_and_stray	47.000	158	6Pi Sco	2.9060	28000.	94	884	No
116	GOM_NL__2PRFIN20020501_202026_000000642005_00329_00884_0711.N1	01-MAY-2002 20:20:26	Bright	63.500	97	8Bet1Sco	2.5610	30000.	127	884	No
117	GOM_NL__2PRFIN20020501_202229_000000402005_00329_00884_0712.N1	01-MAY-2002 20:22:29	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	884	No
118	GOM_NL__2PRFIN20020501_202431_000000352005_00329_00884_0713.N1	01-MAY-2002 20:24:31	Bright	35.000	15	67Alp Vir	0.97600	28000.	70	884	No
119	GOM_NL__2PRFIN20020501_202735_000000332005_00329_00884_0714.N1	01-MAY-2002 20:27:35	Bright	33.000	121	29Gam Vir	2.7400	7200.0	66	884	No
120	GOM_NL__2PRFIN20020501_203053_000000332005_00329_00884_0715.N1	01-MAY-2002 20:30:53	Bright	33.000	138	47Eps Vir	2.8280	4700.0	66	884	No
121	GOM_NL__2PRFIN20020501_203243_000000332005_00329_00884_0716.N1	01-MAY-2002 20:32:43	Bright	33.000	62	94Bet Leo	2.1360	9700.0	66	884	No
122	GOM_NL__2PRFIN20020501_203649_000000392005_00329_00884_0717.N1	01-MAY-2002 20:36:49	Bright	38.500	83		2.3780	11000.	77	884	No
123	GOM_NL__2PRFIN20020501_203853_000000482005_00329_00884_0718.N1	01-MAY-2002 20:38:53	Bright	48.000	67	5Alp CrB	2.2210	11000.	96	884	No
124	GOM_NL__2PRFIN20020501_204206_000000352005_00329_00884_0719.N1	01-MAY-2002 20:42:06	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	884	No
125	GOM_NL__2PRFIN20020501_204335_000000352005_00329_00884_0720.N1	01-MAY-2002 20:43:35	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	884	No
126	GOM_NL__2PRFIN20020501_204555_000000342005_00329_00884_0721.N1	01-MAY-2002 20:45:55	Bright	33.500	36	50Alp UMa	1.8000	6300.0	67	884	No
127	GOM_NL__2PRFIN20020501_204922_000000422005_00329_00884_0722.N1	01-MAY-2002 20:49:22	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	884	No
128	GOM_NL__2PRFIN20020501_205322_000000342005_00329_00884_0723.N1	01-MAY-2002 20:53:22	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	884	No
129	GOM_NL__2PRFIN20020501_205944_000000382005_00329_00884_0724.N1	01-MAY-2002 20:59:44	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	884	No
130	GOM_NL__2PRFIN20020501_210123_000000302005_00329_00884_0725.N1	01-MAY-2002 21:01:23	Bright	29.500	76	27Gam Cas	2.3000	30000.	59	884	No
131	GOM_NL__2PRFIN20020501_210239_000000302005_00329_00884_0726.N1	01-MAY-2002 21:02:39	Bright	30.000	68	18Alp Cas	2.2250	4500.0	60	884	No
132	GOM_NL__2PRFIN20020501_210456_000000572005_00329_00884_0727.N1	01-MAY-2002 21:04:56	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	884	No
133	GOM_NL__2PRFIN20020501_210655_000000672005_00329_00884_0728.N1	01-MAY-2002 21:06:55	Bright	67.000	66	37Gam Cyg	2.2080	5900.0	134	884	No
134	GOM_NL__2PRFIN20020501_211108_000000562005_00329_00884_0729.N1	01-MAY-2002 21:11:08	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	884	No
135	GOM_NL__2PRFIN20020501_211535_000000412005_00329_00884_0730.N1	01-MAY-2002 21:15:35	Twilight	41.000	90	54Alp Peg	2.4870	11000.	82	884	No
136	GOM_NL__2PRFIN20020501_212000_000000662005_00329_00884_0731.N1	01-MAY-2002 21:20:00	Dark	65.500	61	8Eps Peg	2.1000	3900.0	131	884	No
137	GOM_NL__2PRFIN20020501_212225_000000542005_00329_00884_0732.N1	01-MAY-2002 21:22:25	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	884	No
138	GOM_NL__2PRFIN20020501_212613_000000552005_00329_00884_0733.N1	01-MAY-2002 21:26:13	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	884	No
139	GOM_NL__2PRFIN20020501_212825_000000392005_00329_00884_0734.N1	01-MAY-2002 21:28:25	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	884	No
140	GOM_NL__2PRFIN20020501_213013_000000372005_00329_00884_0735.N1	01-MAY-2002 21:30:13	Dark	37.000	84	Alp Phe	2.3970	4500.0	74	884	No
141	GOM_NL__2PRFIN20020501_213243_000000382005_00329_00884_0736.N1	01-MAY-2002 21:32:43	Dark	37.500	172	Gam Gru	3.0030	13100.	75	884	No
142	GOM_NL__2PRFIN20020501_213411_000000382005_00329_00884_0737.N1	01-MAY-2002 21:34:11	Dark	38.000	31	Alp Gru	1.7340	15200.	76	884	No
143	GOM_NL__2PRFIN20020501_213647_000000412005_00330_00885_0701.N1	01-MAY-2002 21:36:47	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	885	No
144	GOM_NL__2PRFIN20020501_213942_000000372005_00330_00885_0702.N1	01-MAY-2002 21:39:42	Dark	37.000	45	Alp Pav	1.9400	26000.	74	885	No
145	GOM_NL__2PRFIN20020501_214554_000000672005_00330_00885_0703.N1	01-MAY-2002 21:45:54	Straylight	67.000	103	38Zet Sgr	2.6000	9700.0	134	885	No
146	GOM_NL__2PRFIN20020501_214819_000000612005_00330_00885_0704.N1	01-MAY-2002 21:48:19	Straylight	61.000	38	20Eps Sgr	1.8360	11000.	122	885	No
147	GOM_NL__2PRFIN20020501_215029_000000122005_00330_00885_0705.N1	01-MAY-2002 21:50:29	Straylight	11.500	4	Alp1Cen	-0.010000	5800.0	23	885	No

### 3. Quality information per product

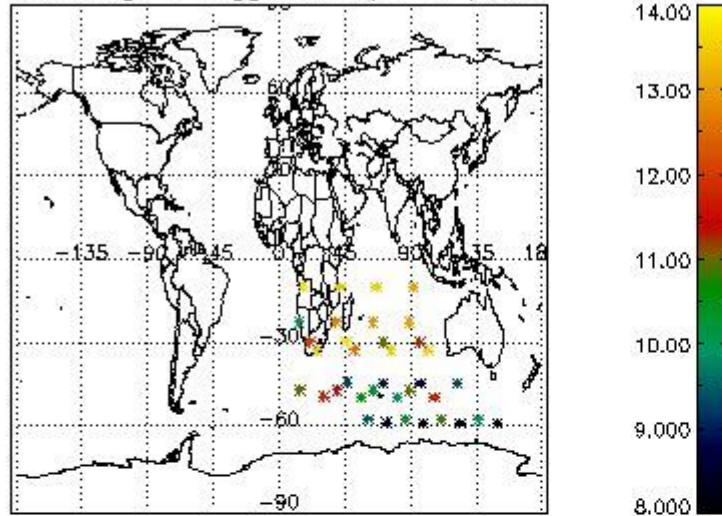
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

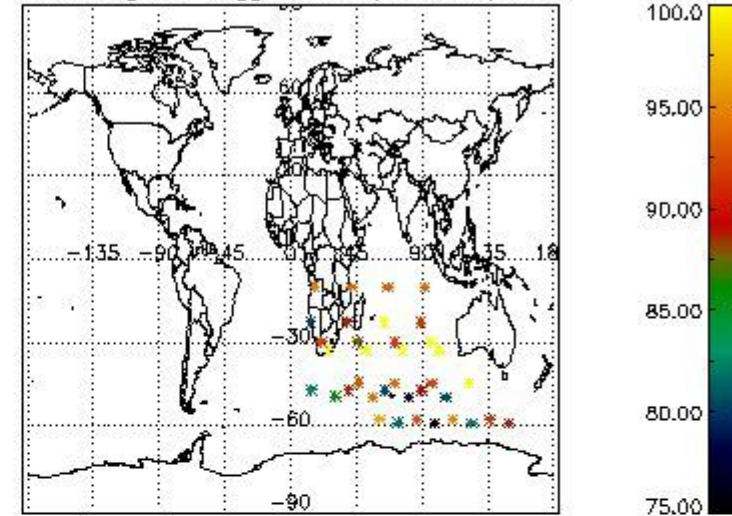


3.2 Plot quality information per product (world map)

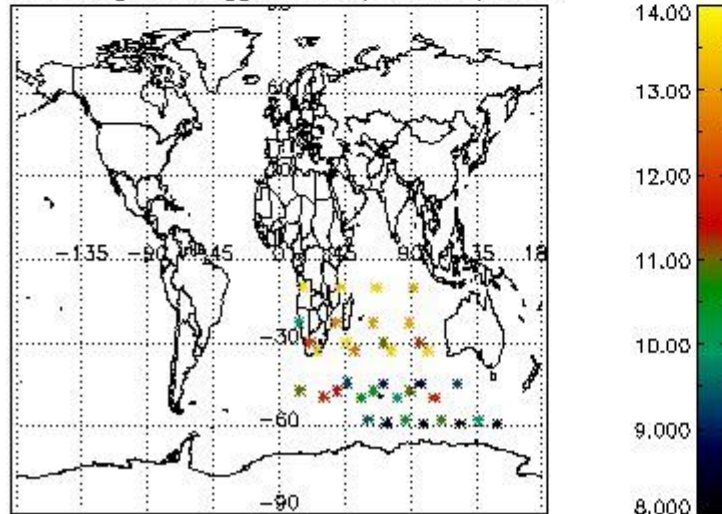
Percentage of flagged data per O3 profile



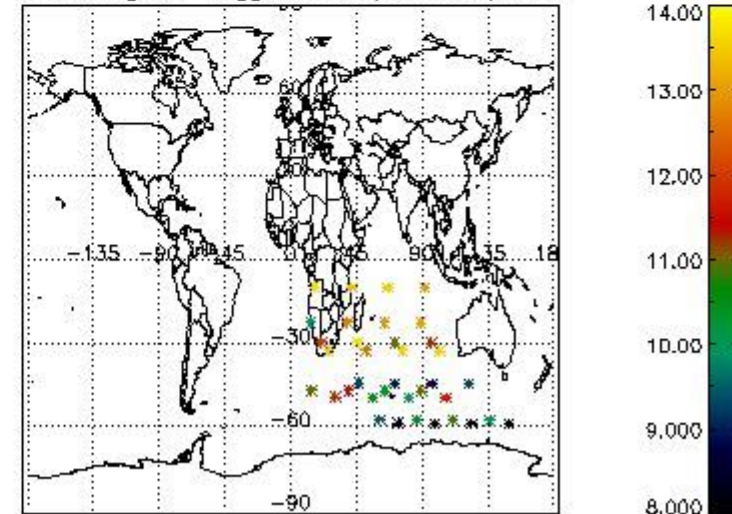
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

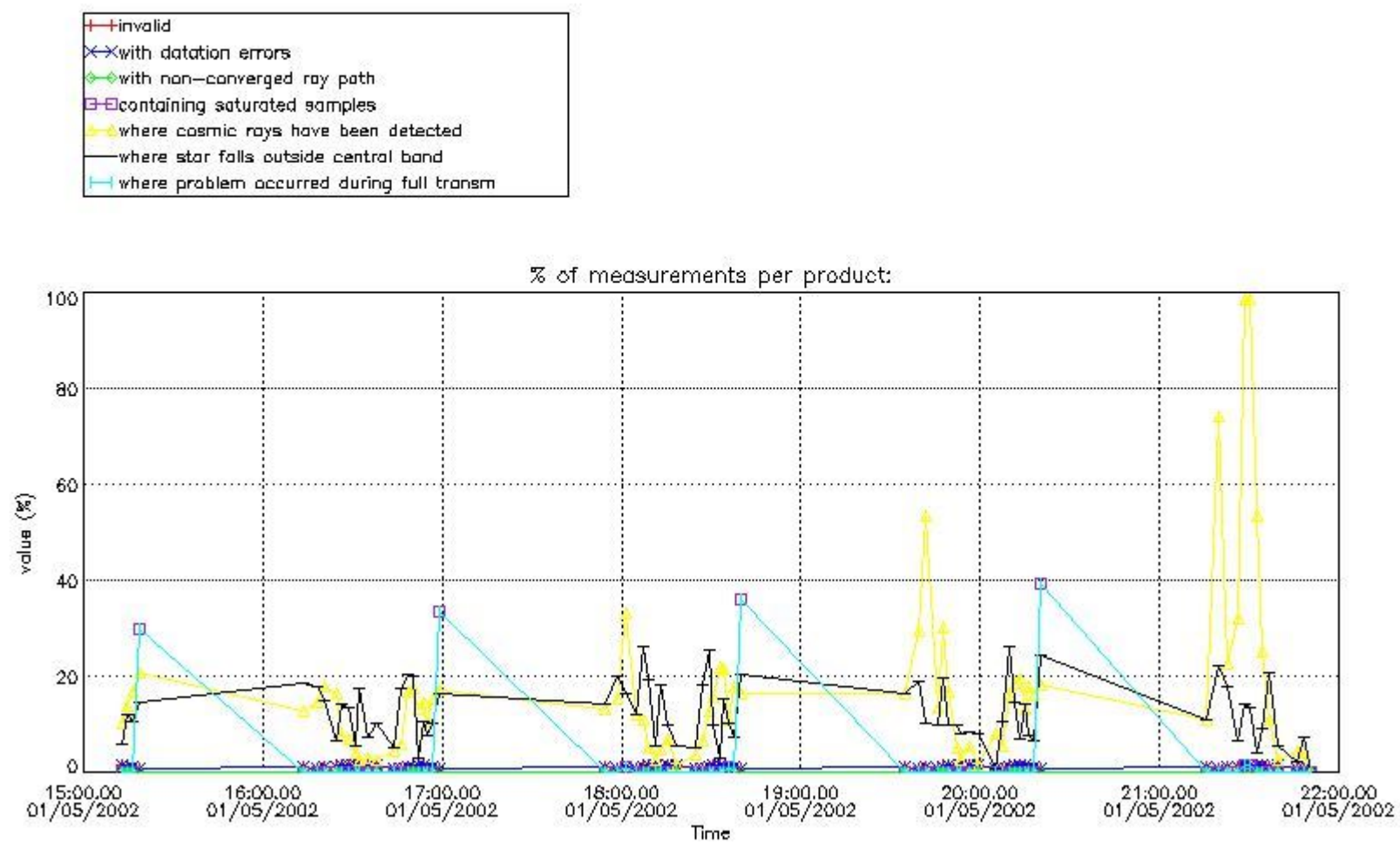


#### 4. Level 1 quality information per product

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.

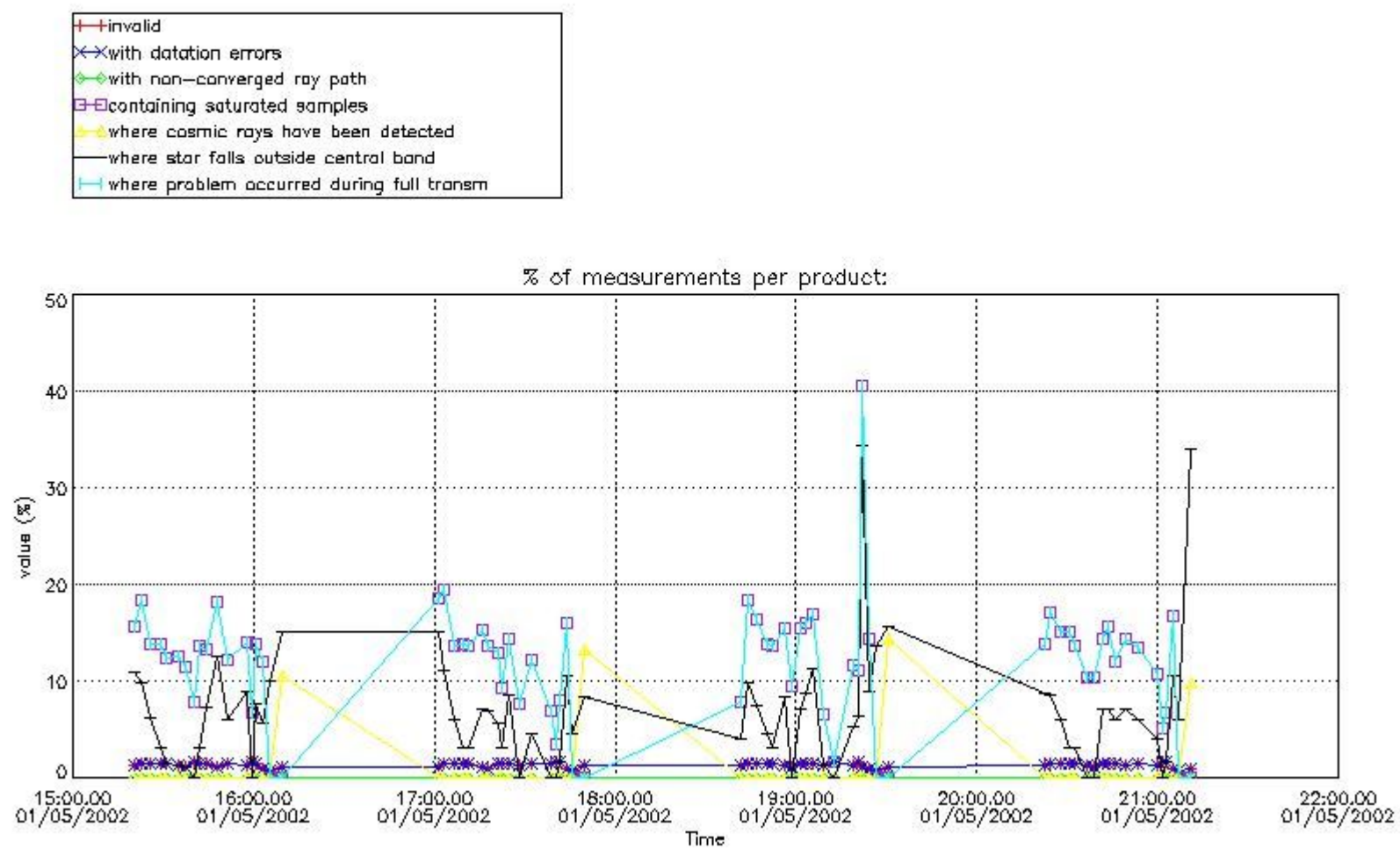
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

##### 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

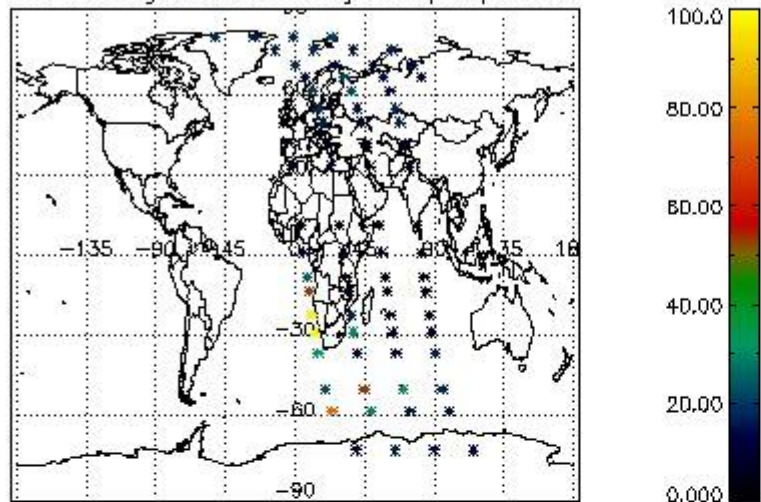




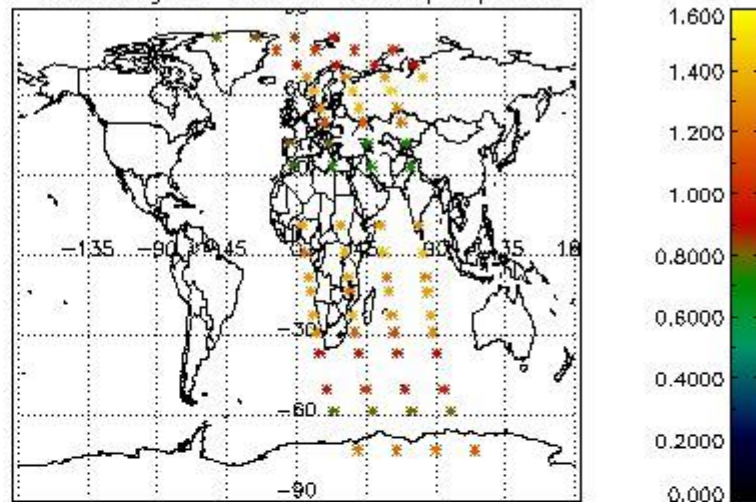
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

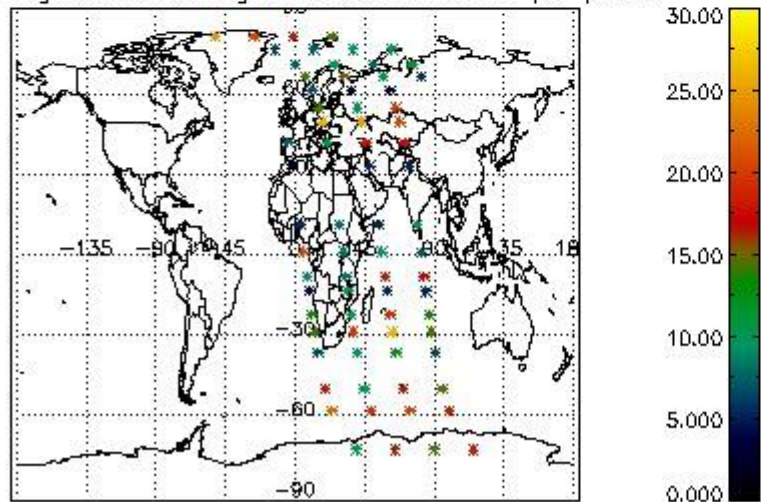
Percentage of cosmic ray hits per profile



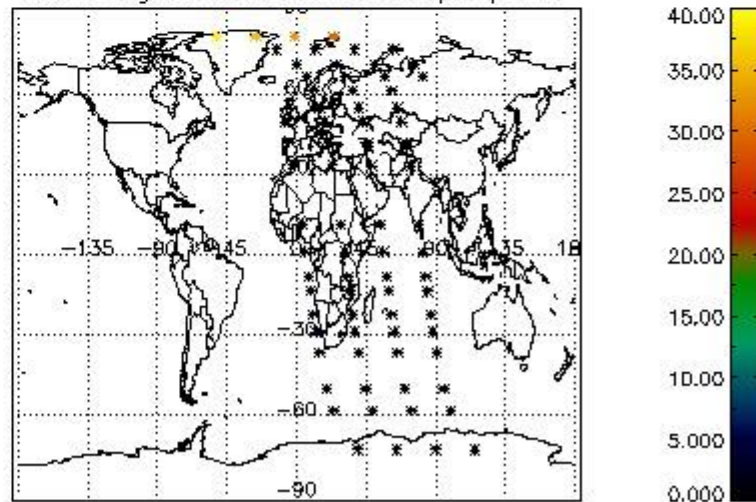
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



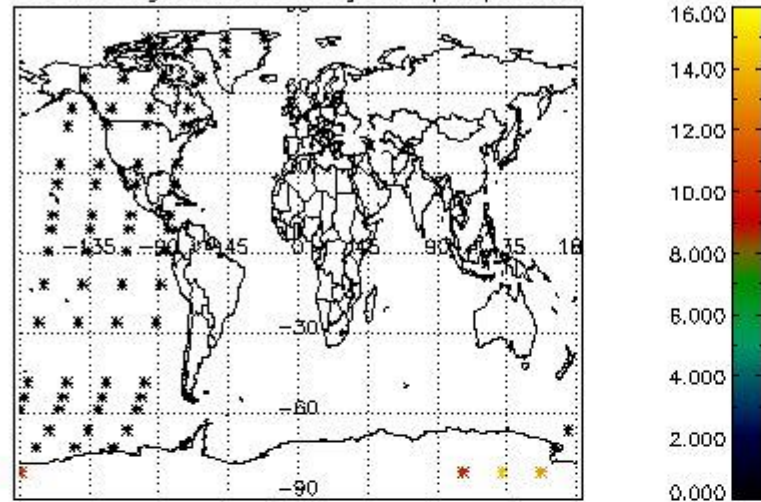
Percentage of saturation errors per profile



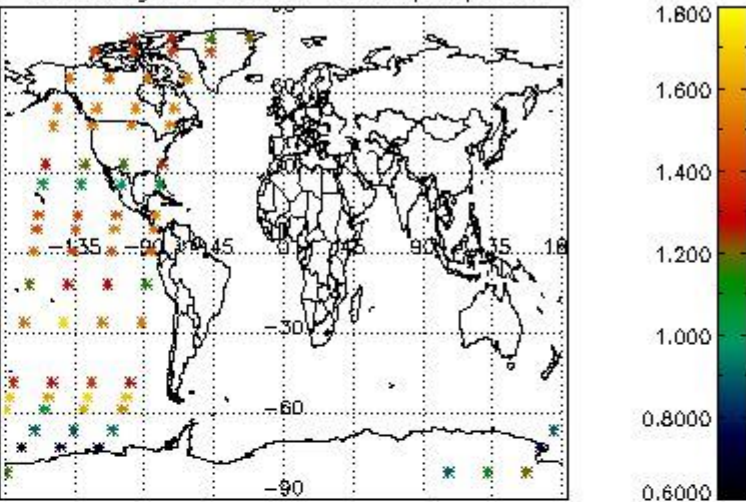
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



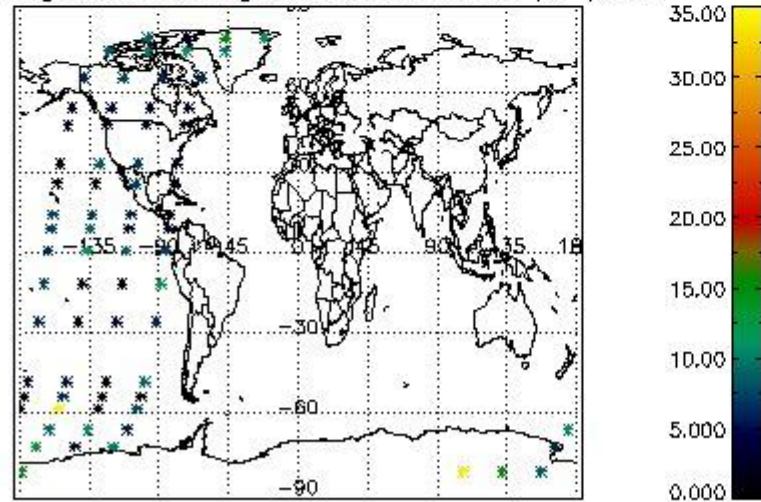
Percentage of cosmic ray hits per profile



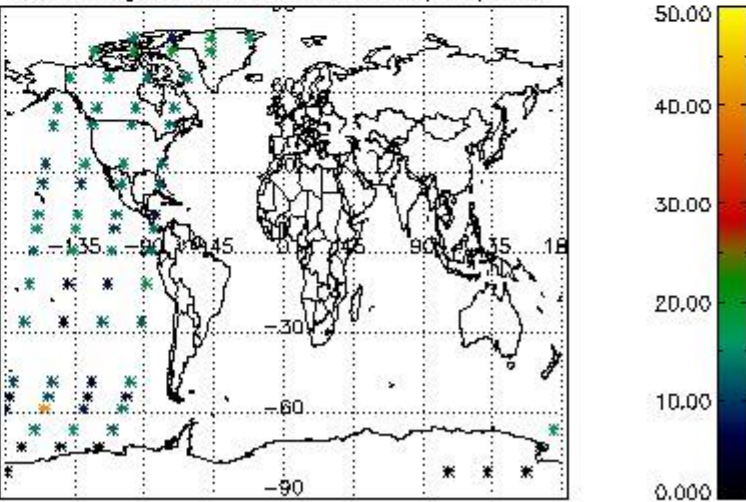
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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

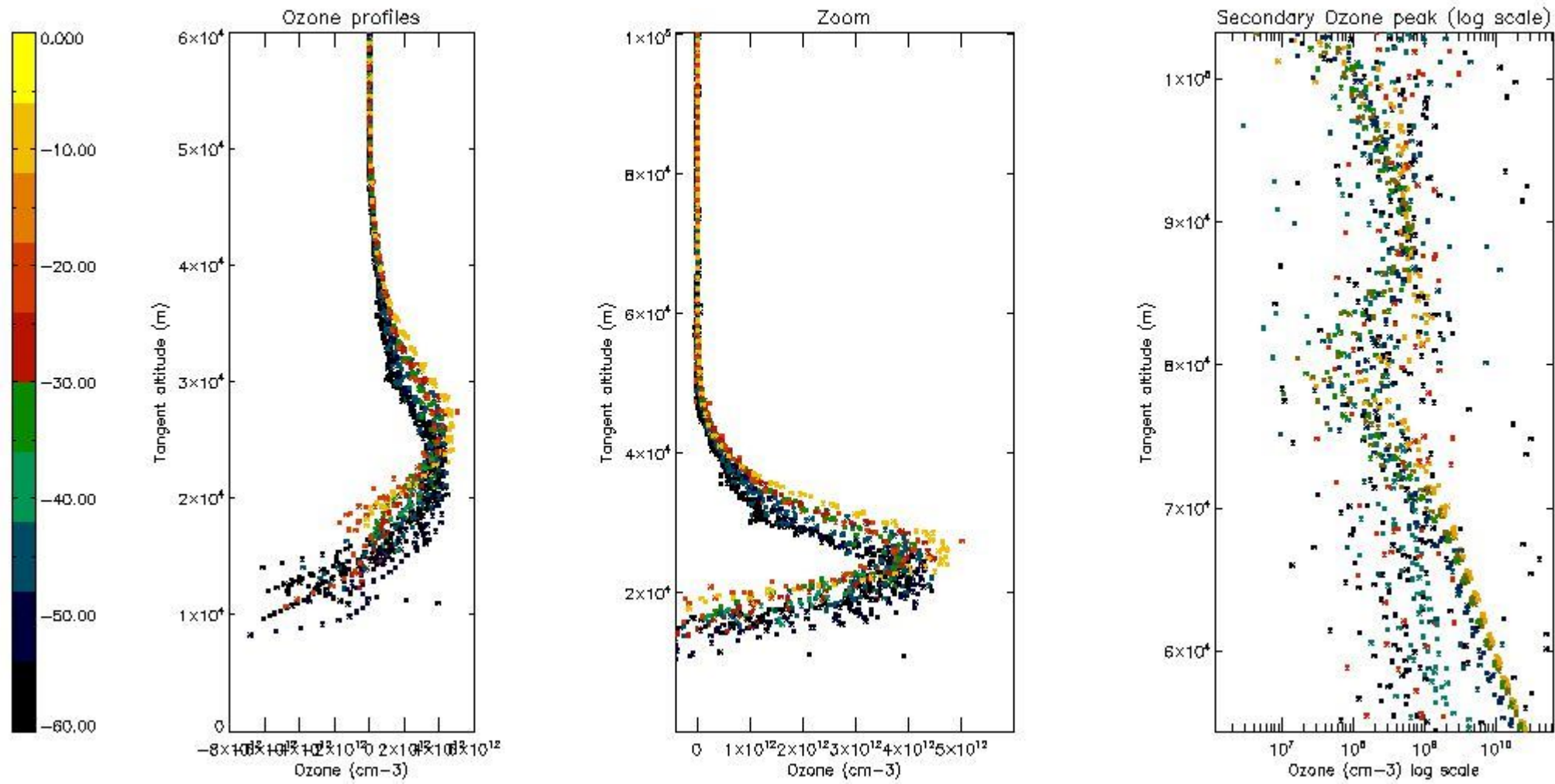
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	14

STD < 10	11
STD < 5	7

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

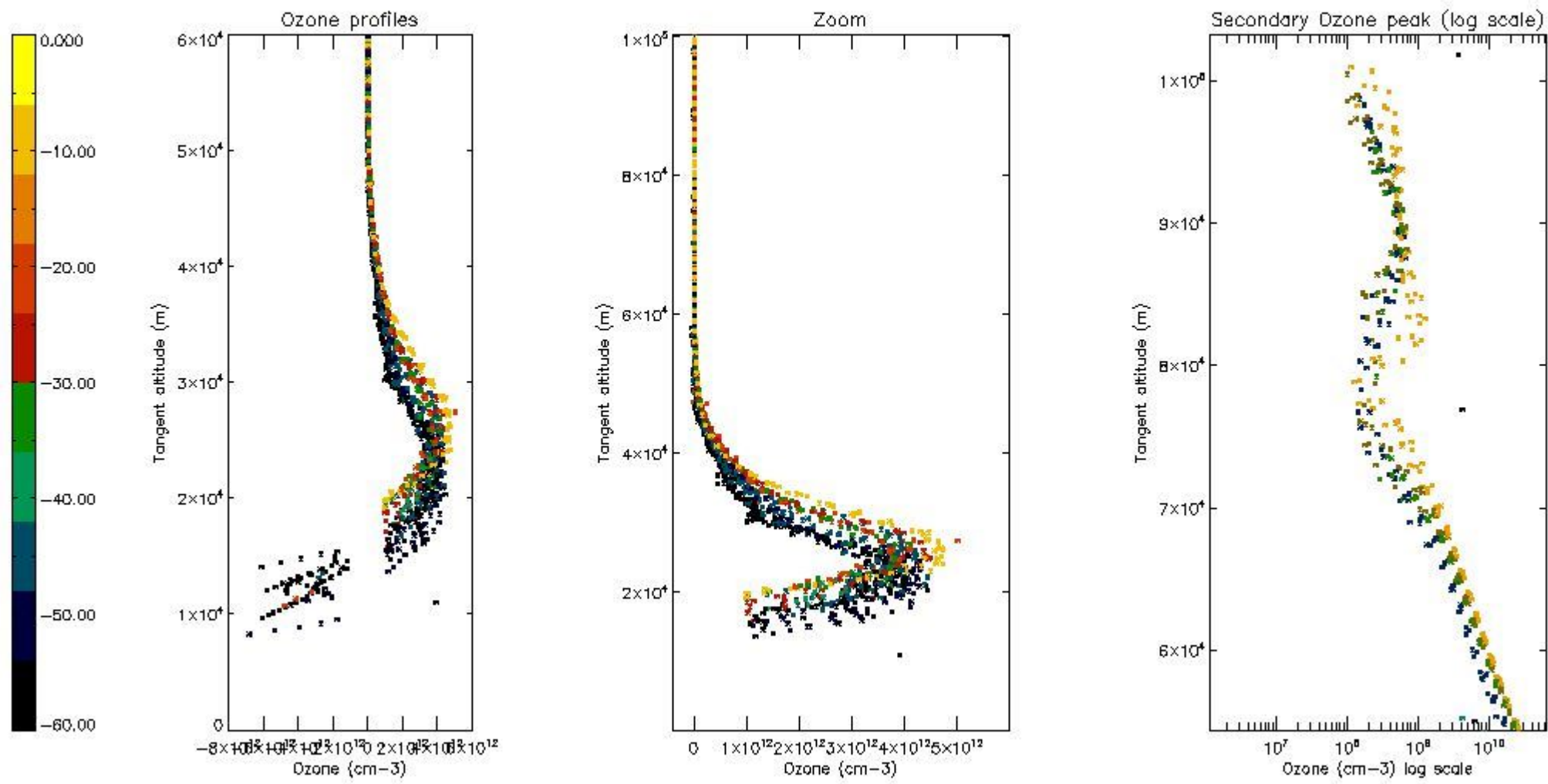
The colorbar represents the latitude.



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

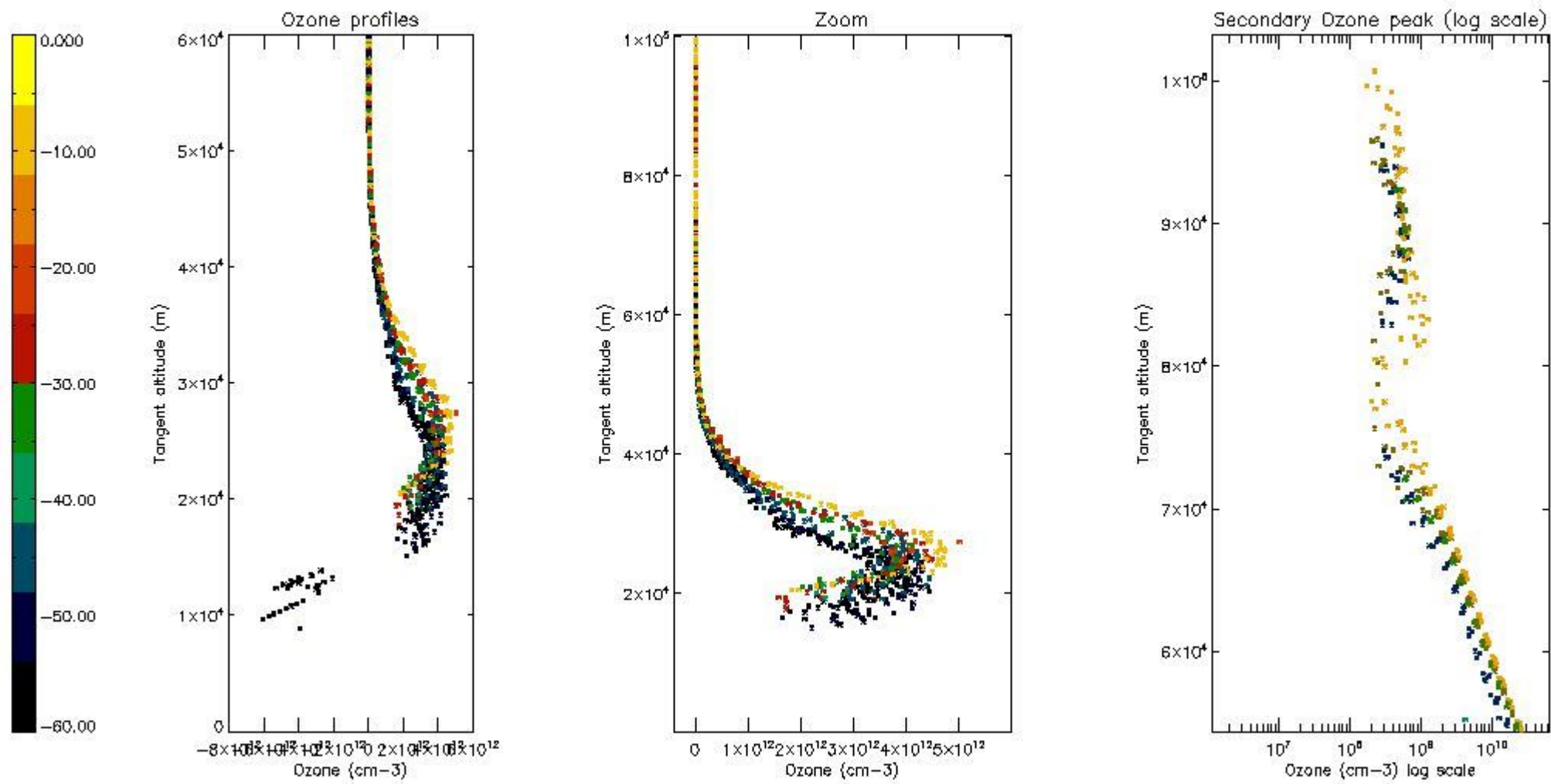
The colorbar represents the latitude.





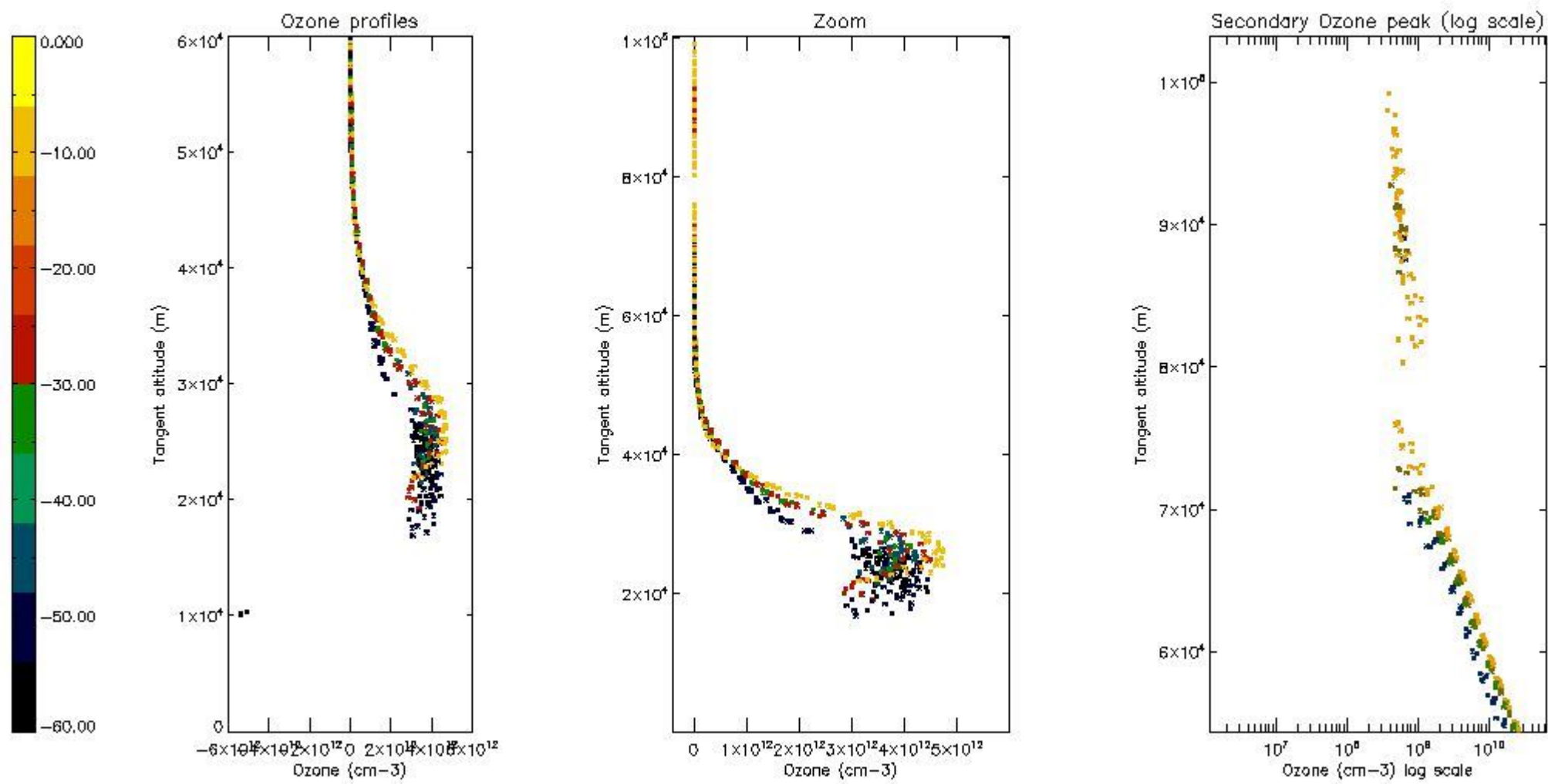
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



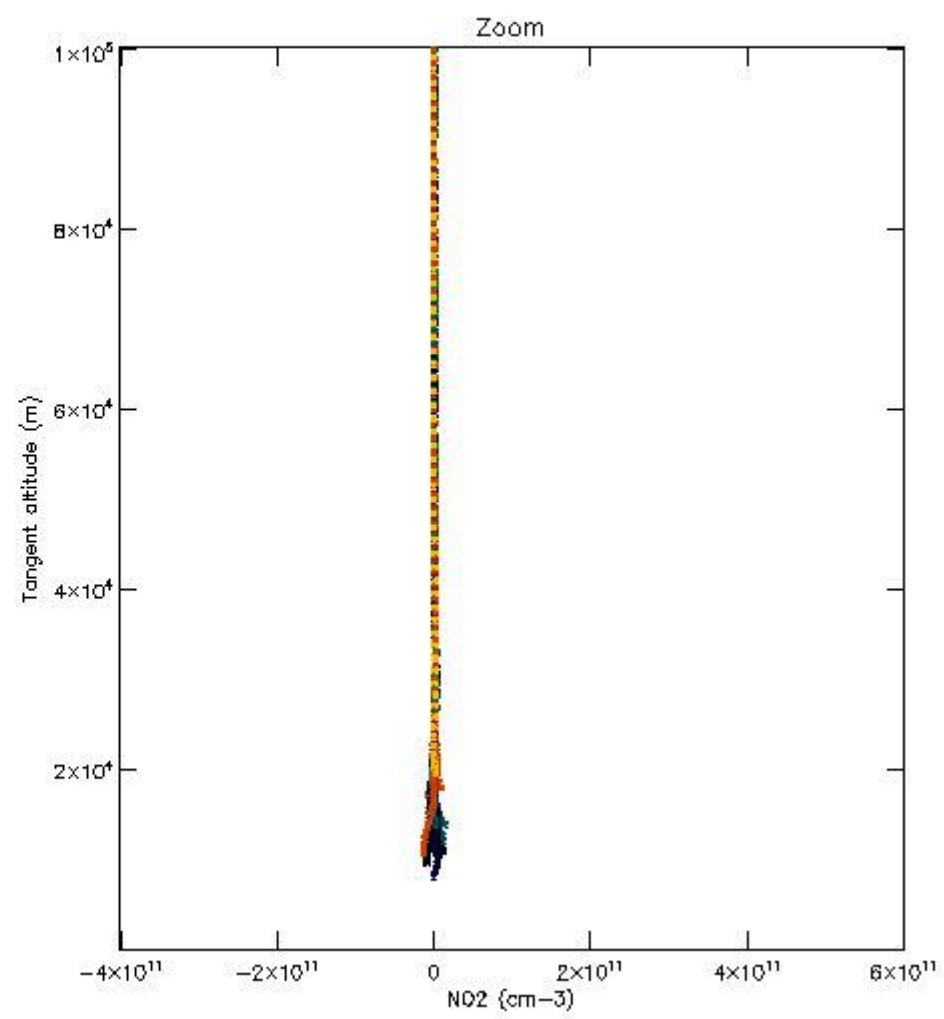
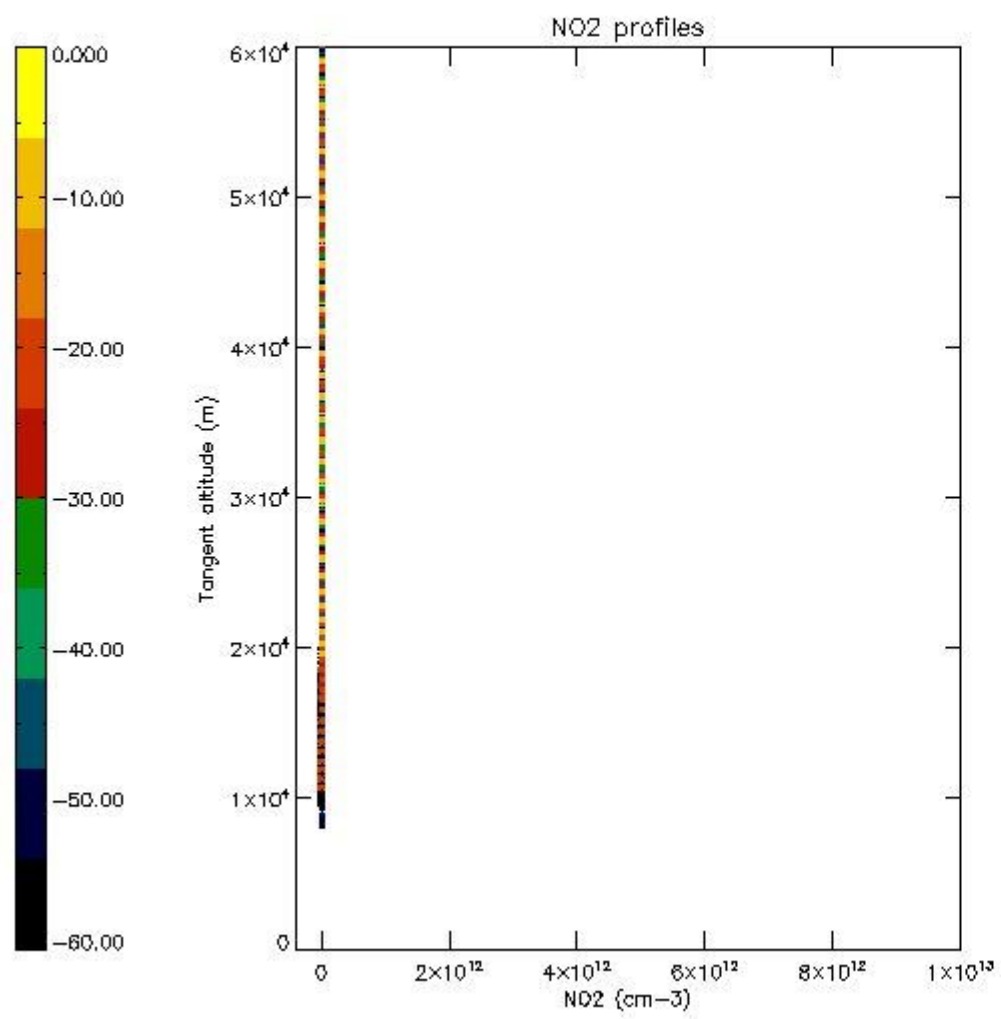
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



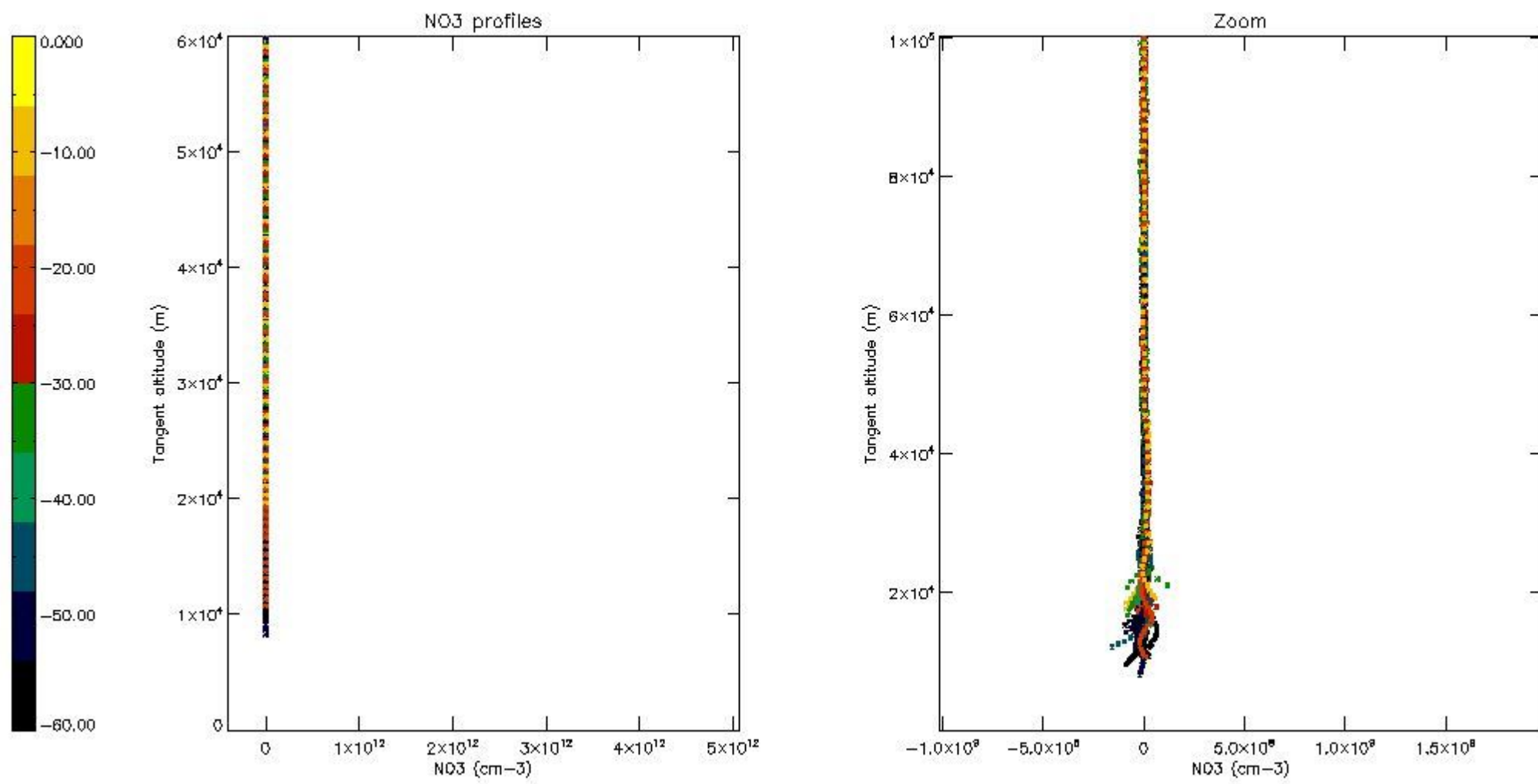
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

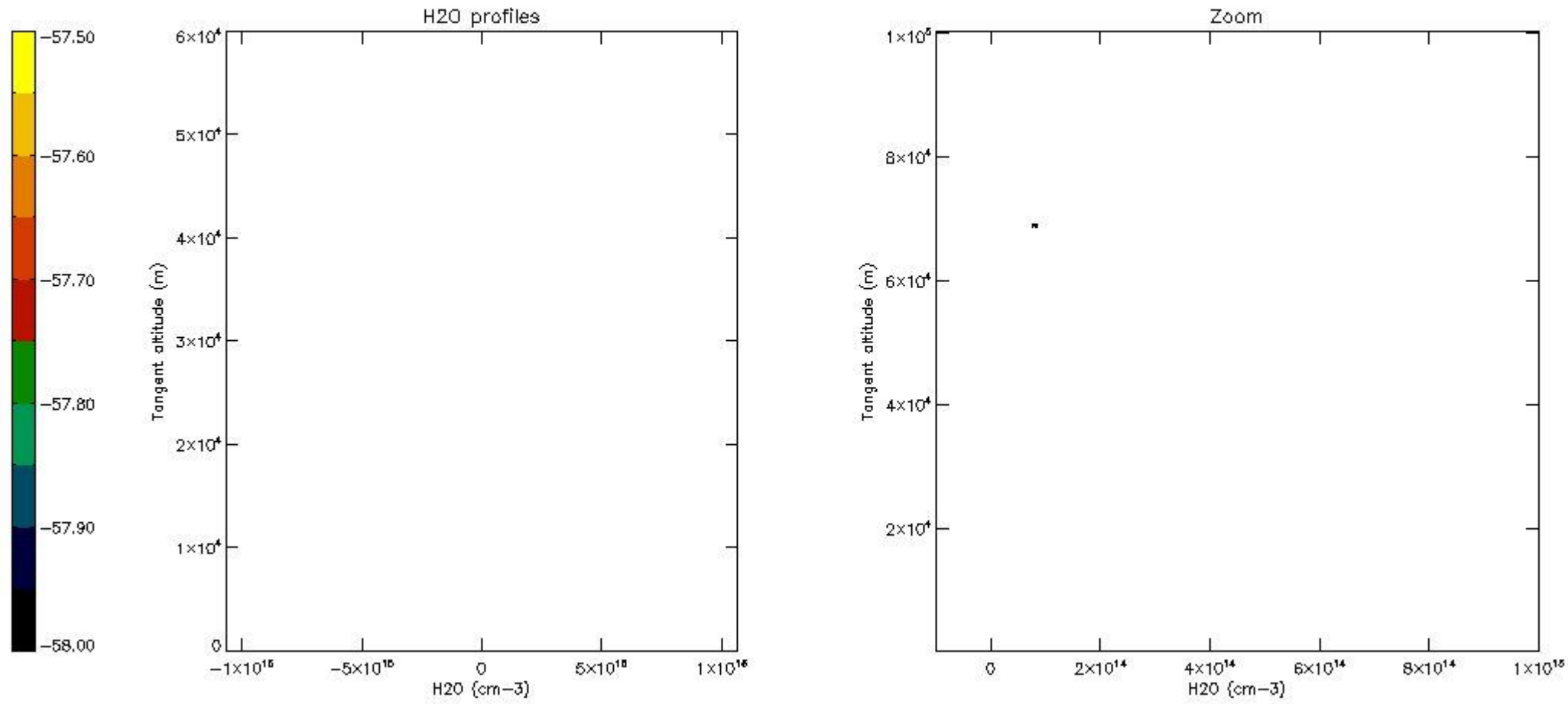
The colorbar represents the latitude.



*5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)*

The colorbar represents the latitude.

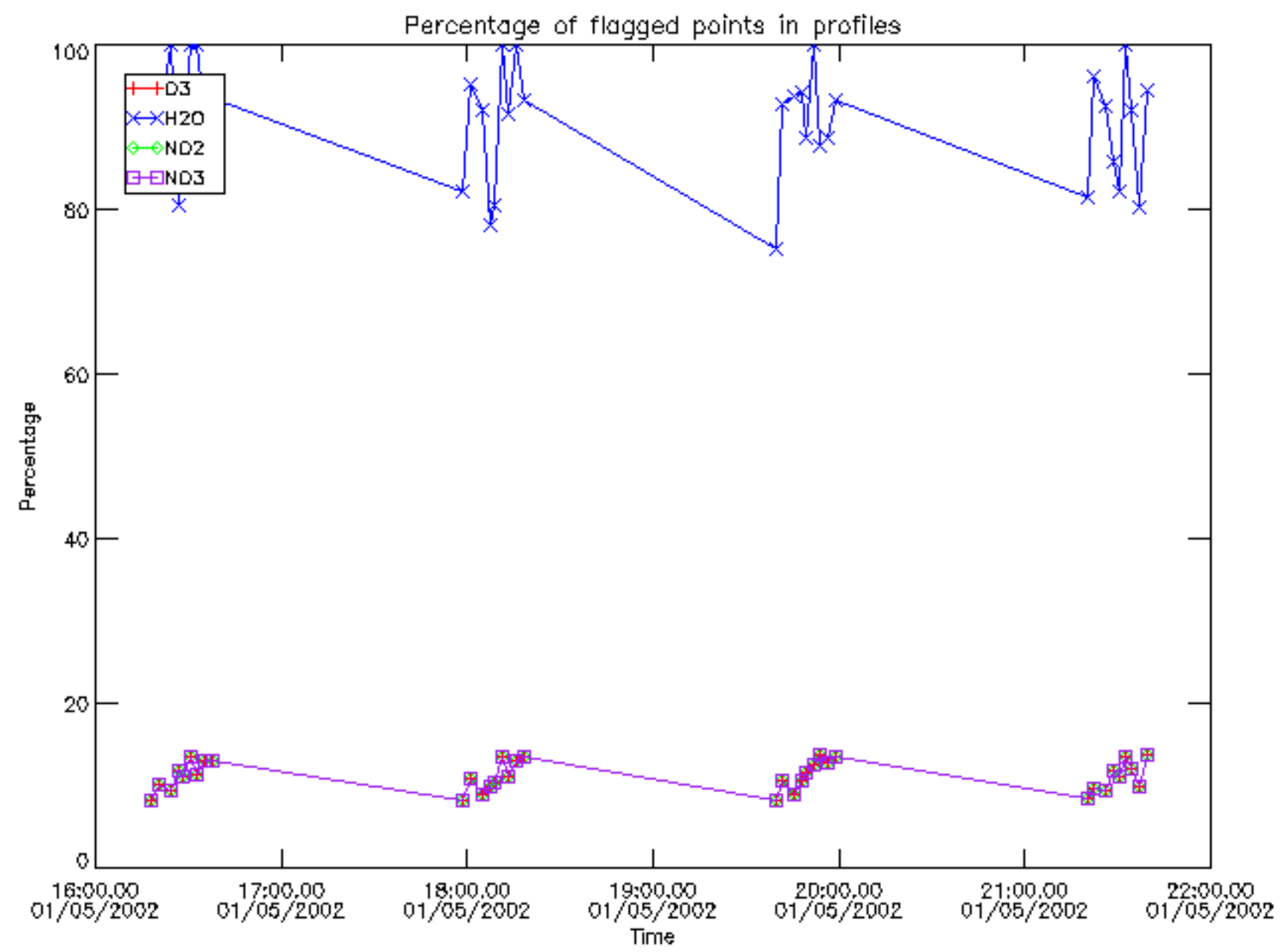




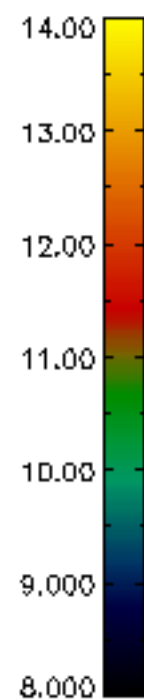
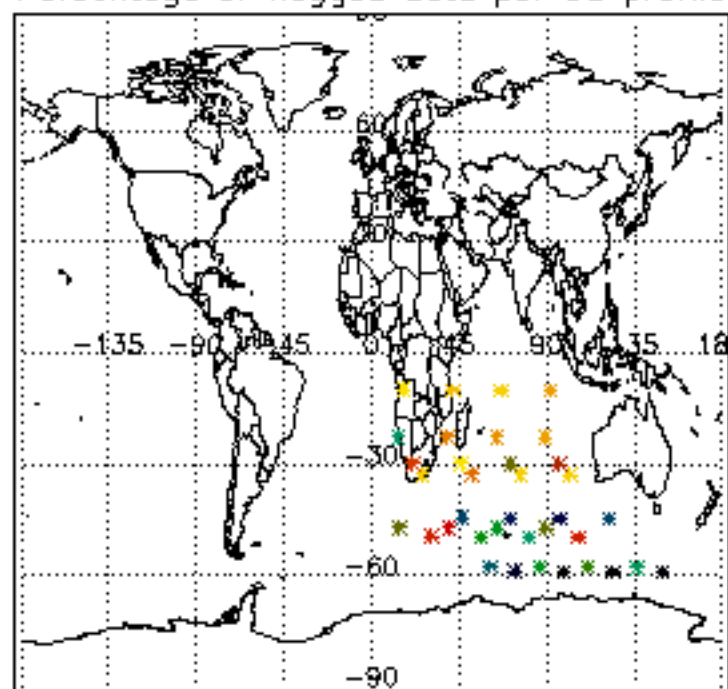
## 6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

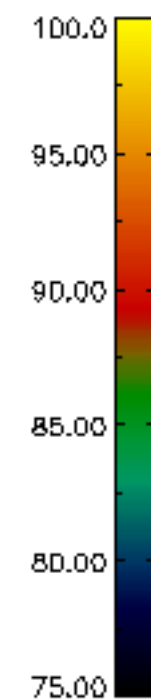
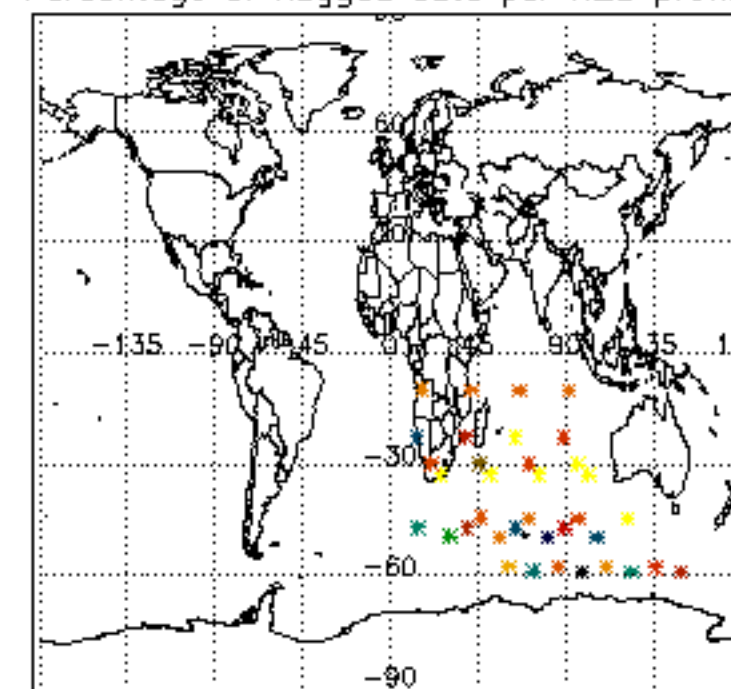
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	01-MAY-2002 15:11:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-MAY-2002 15:11:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-MAY-2002 15:11:29



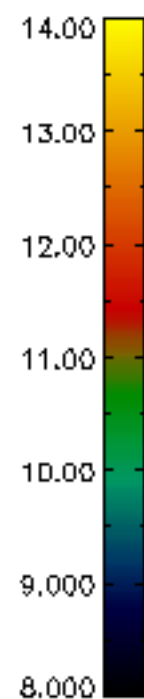
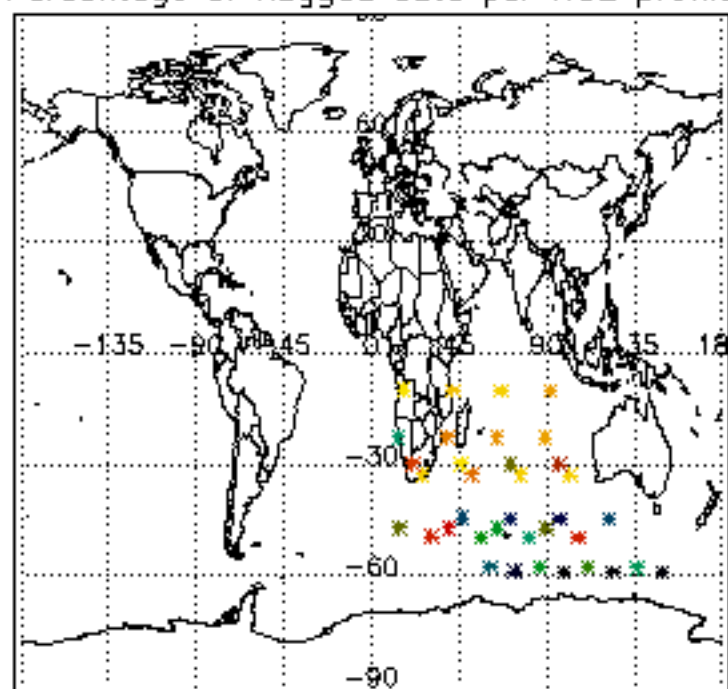
Percentage of flagged data per D3 profile



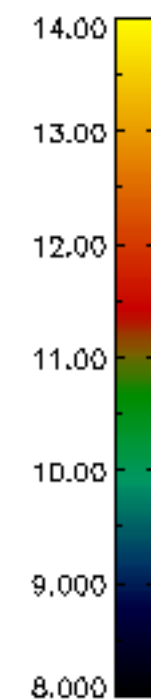
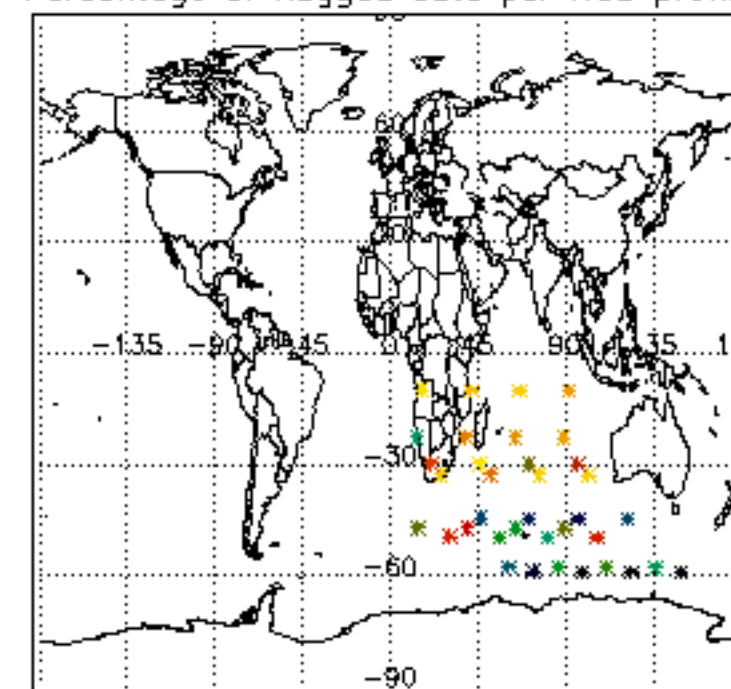
Percentage of flagged data per H2O profile

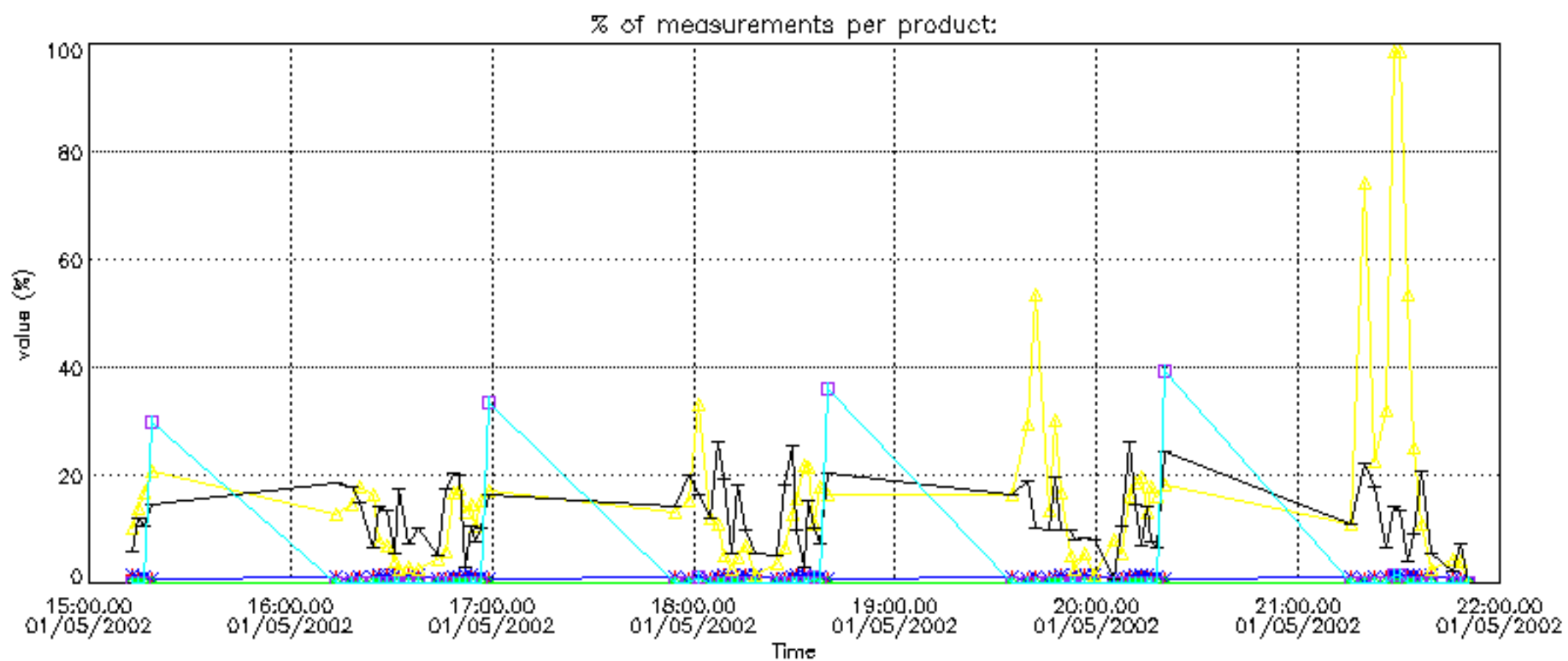


Percentage of flagged data per NO2 profile

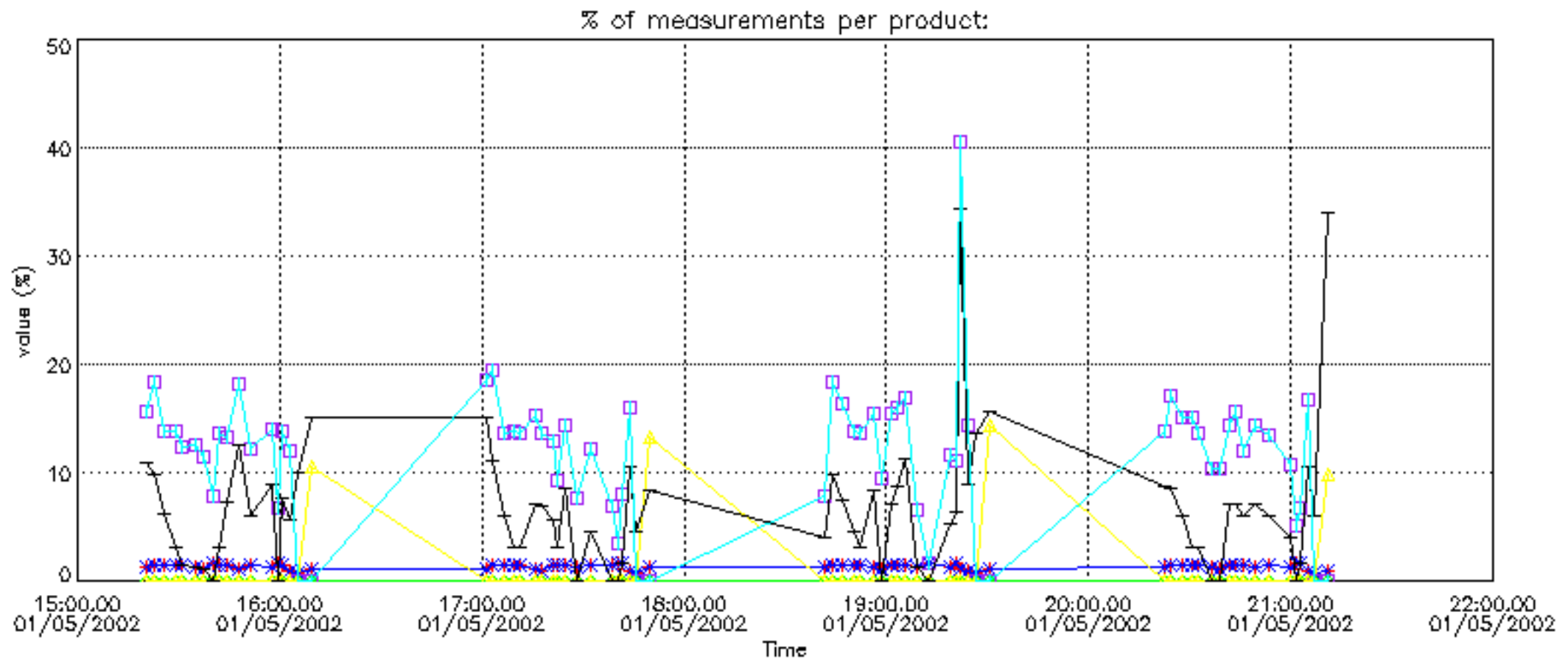


Percentage of flagged data per NO3 profile

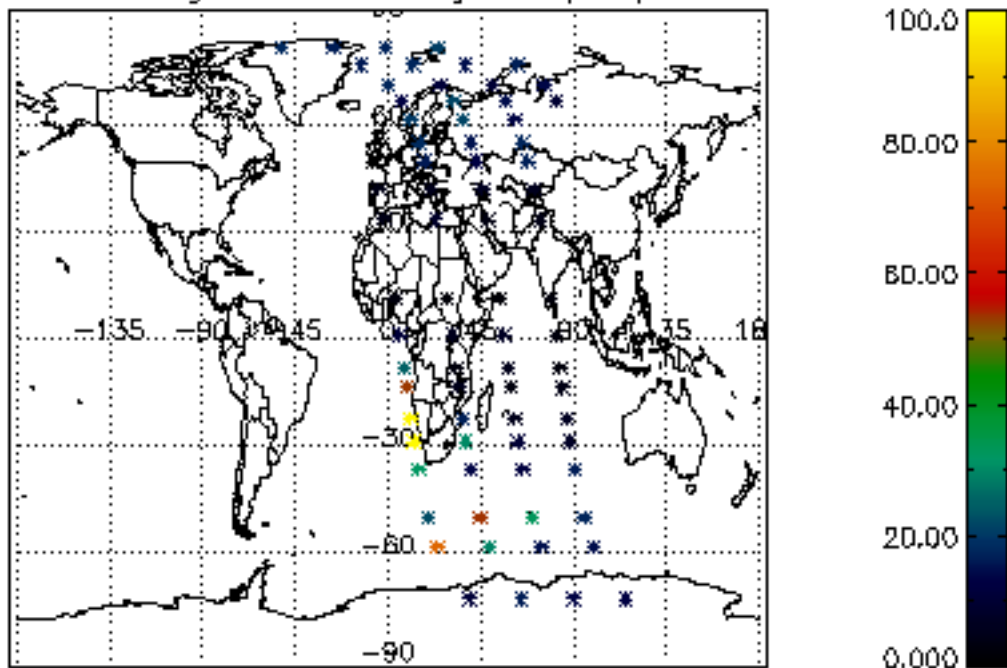




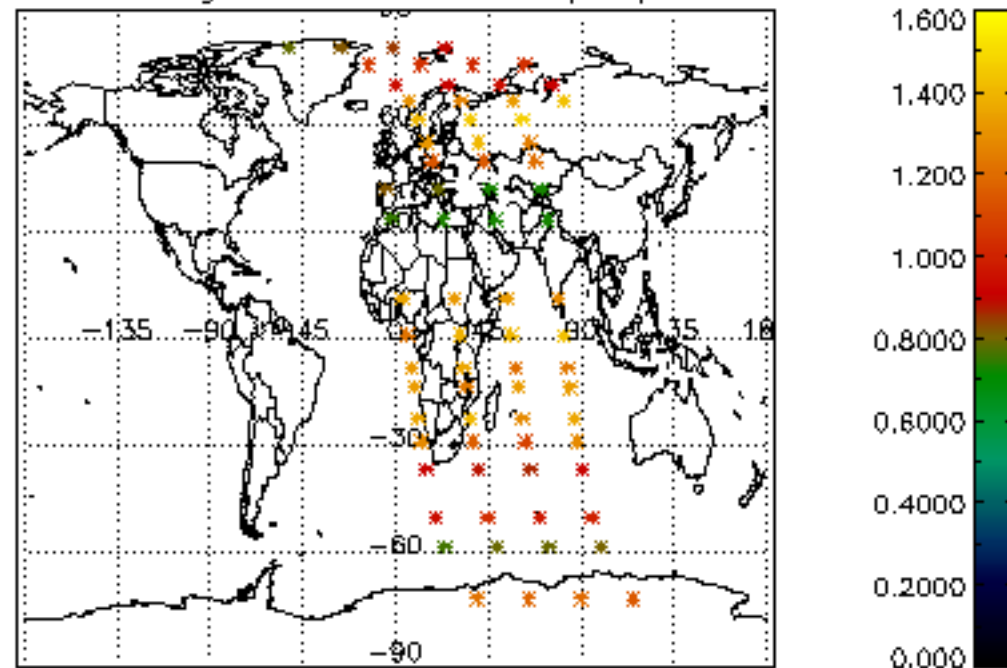




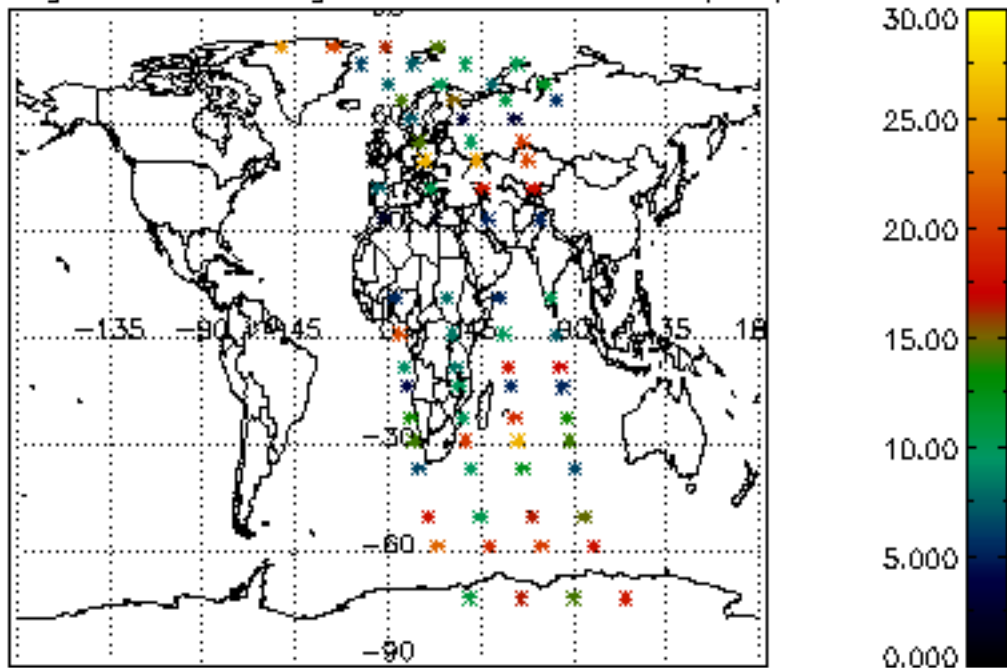
Percentage of cosmic ray hits per profile



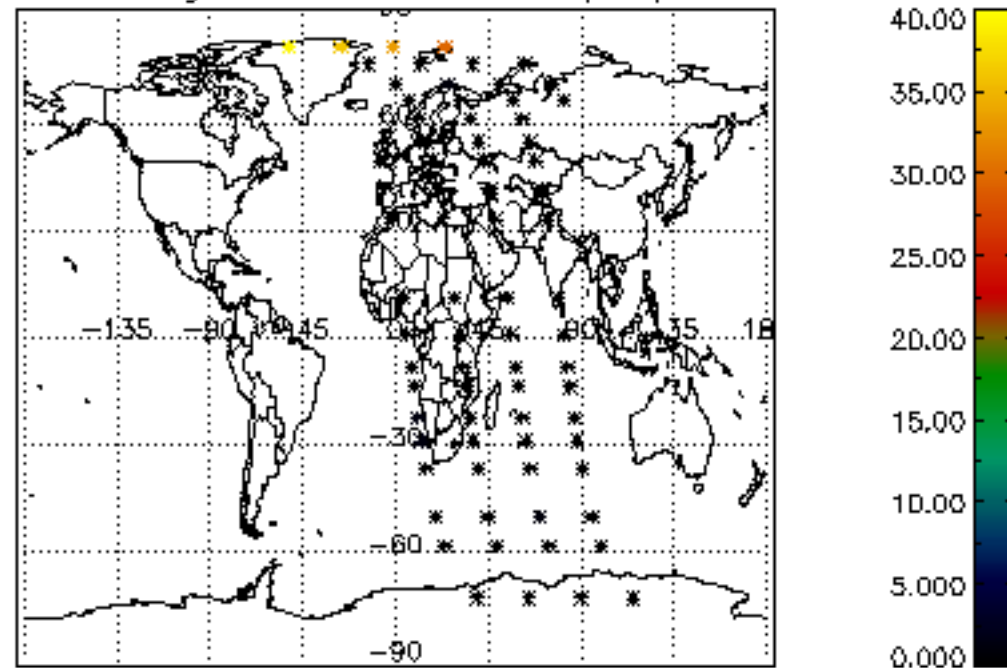
Percentage of datation errors per profile



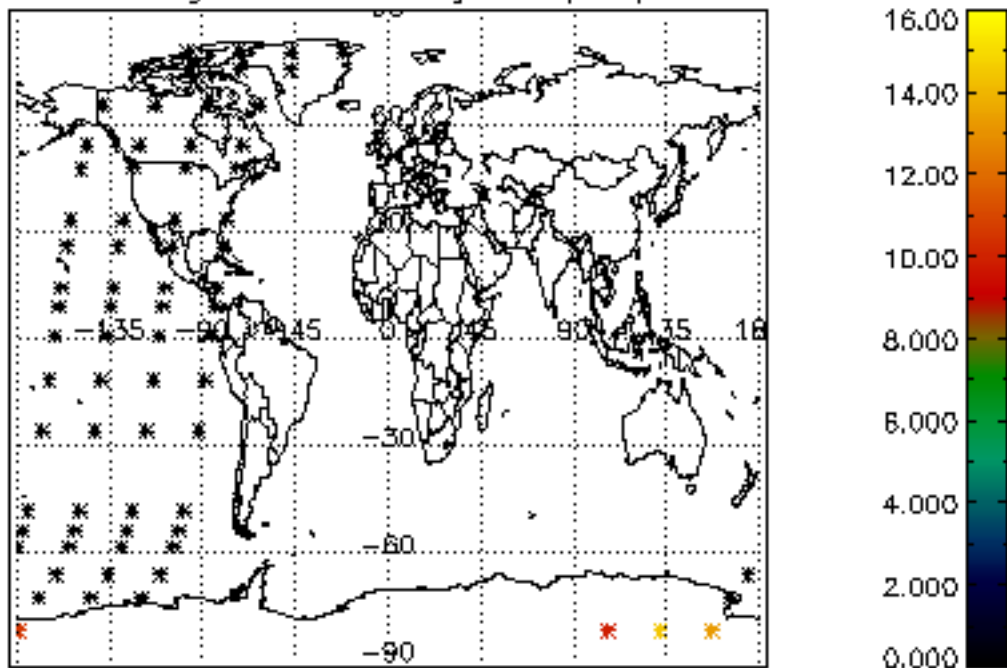
Percentage of star falling outside central band per profile



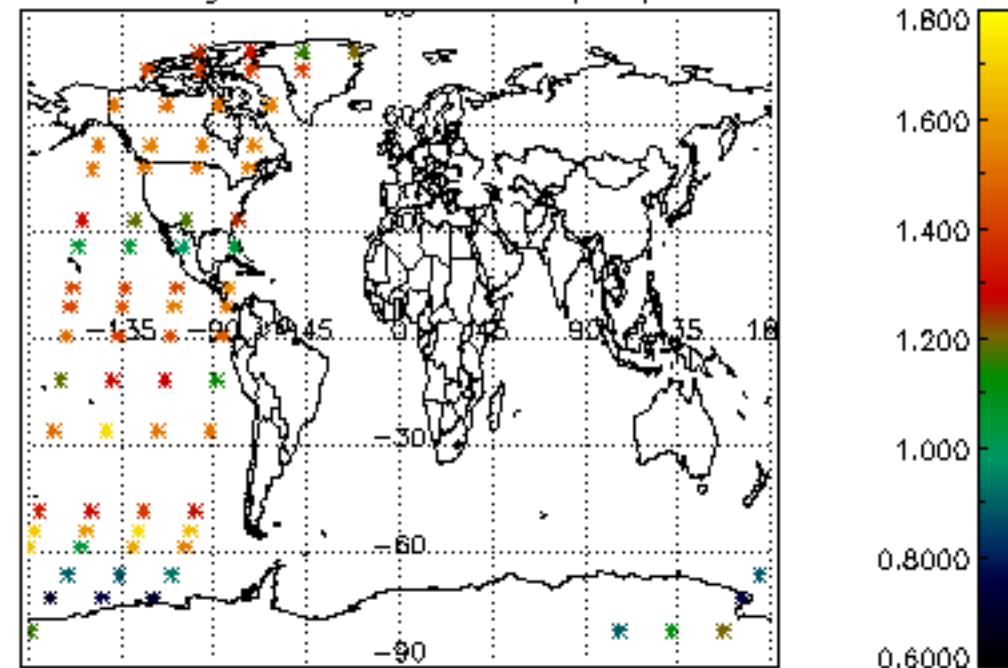
Percentage of saturation errors per profile



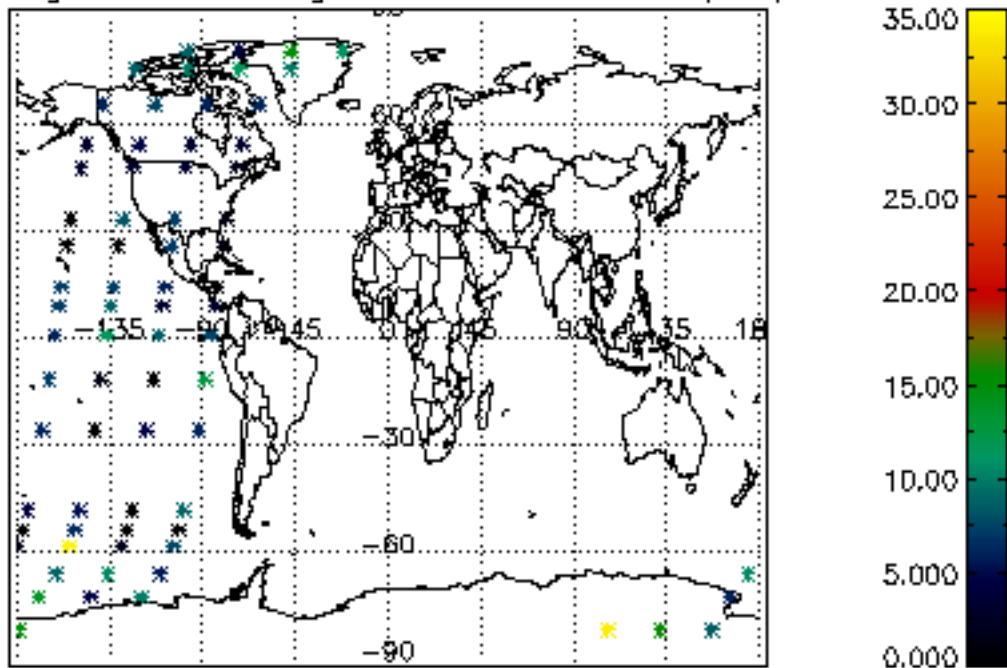
Percentage of cosmic ray hits per profile



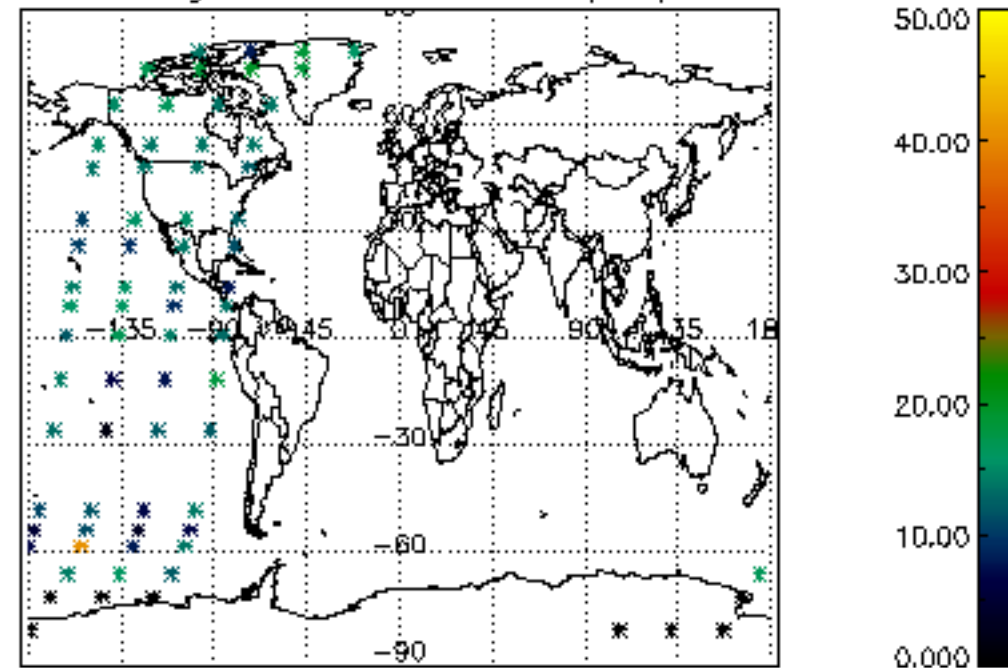
Percentage of datation errors per profile

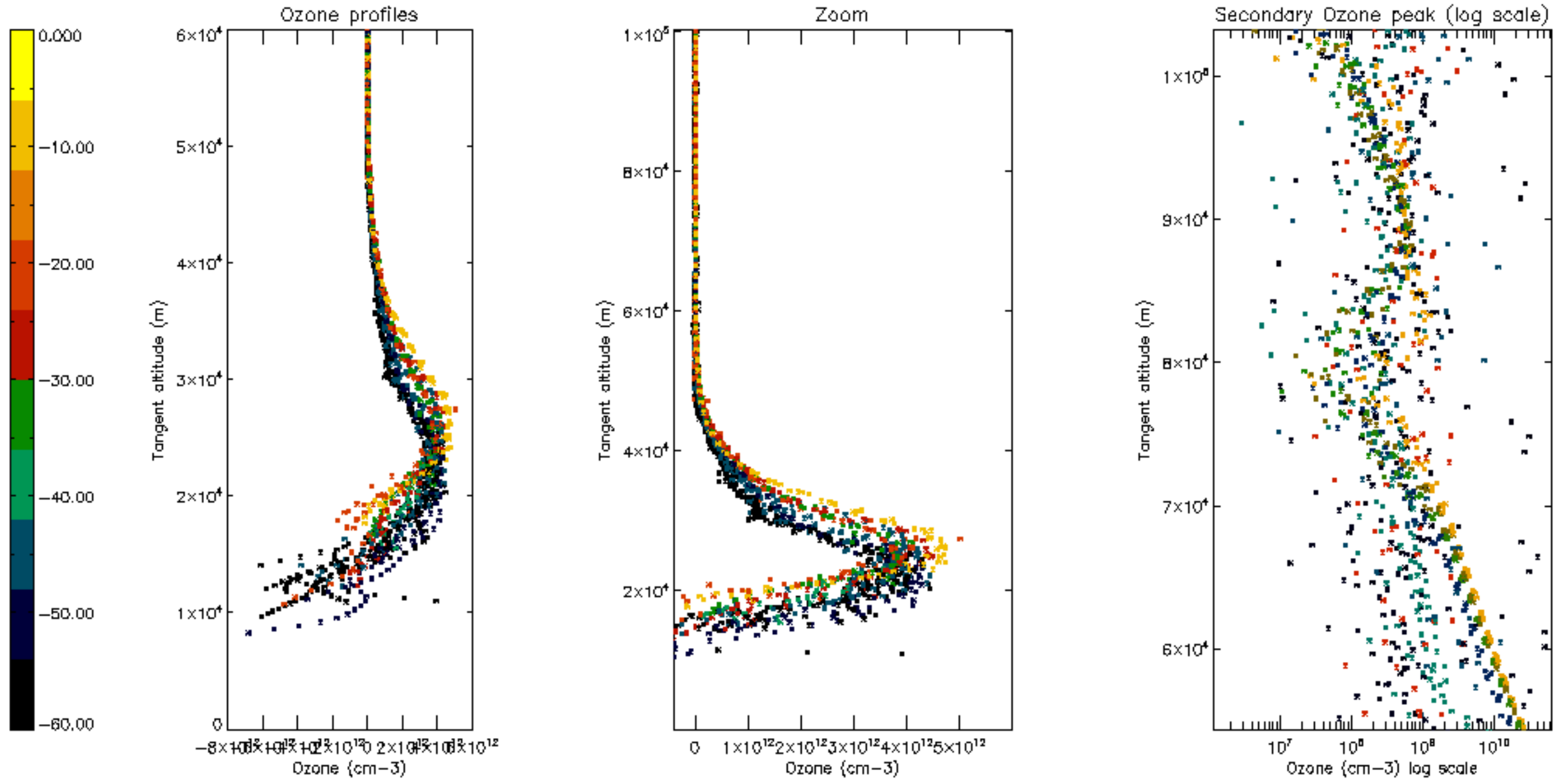


Percentage of star falling outside central band per profile

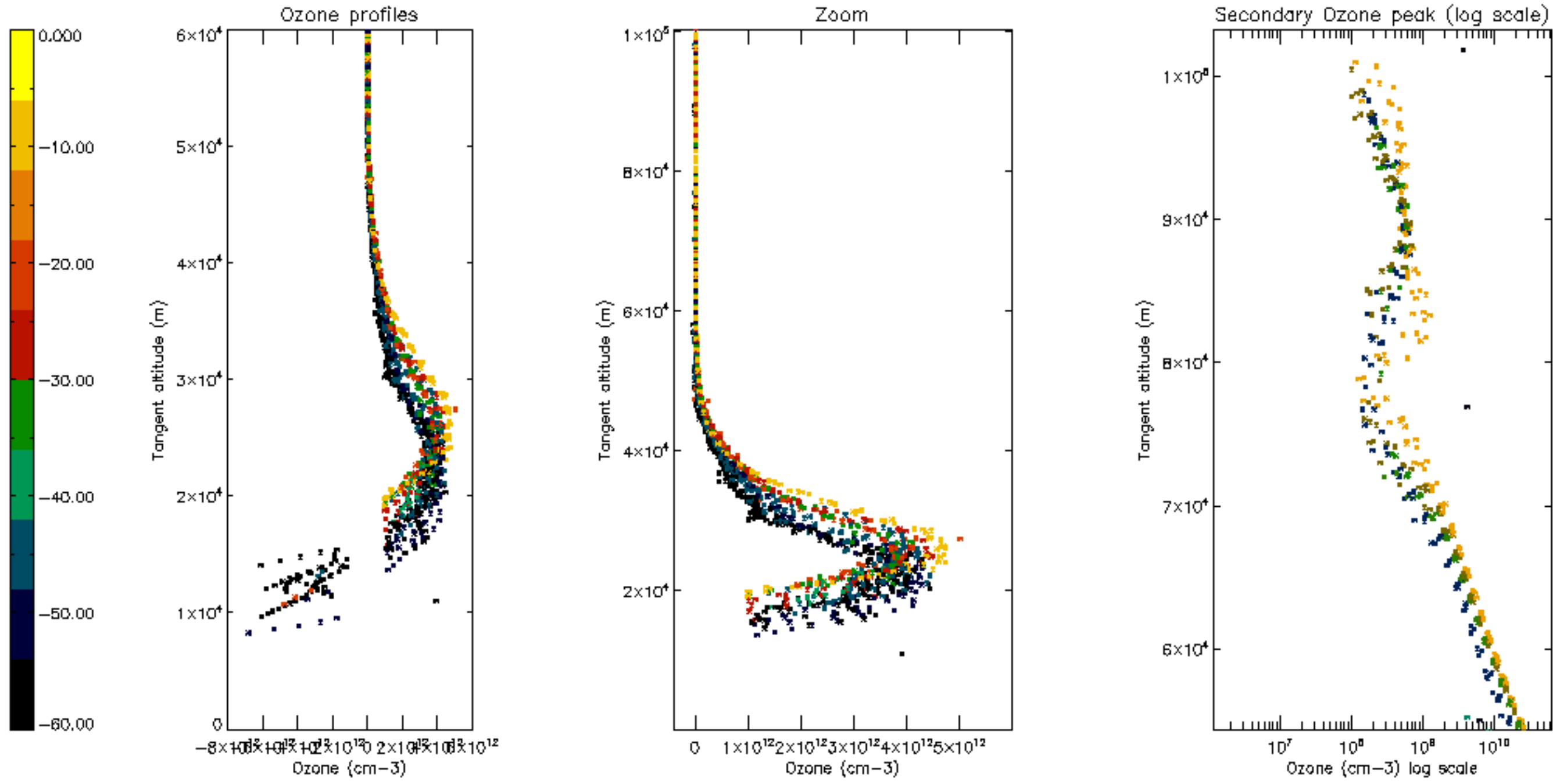


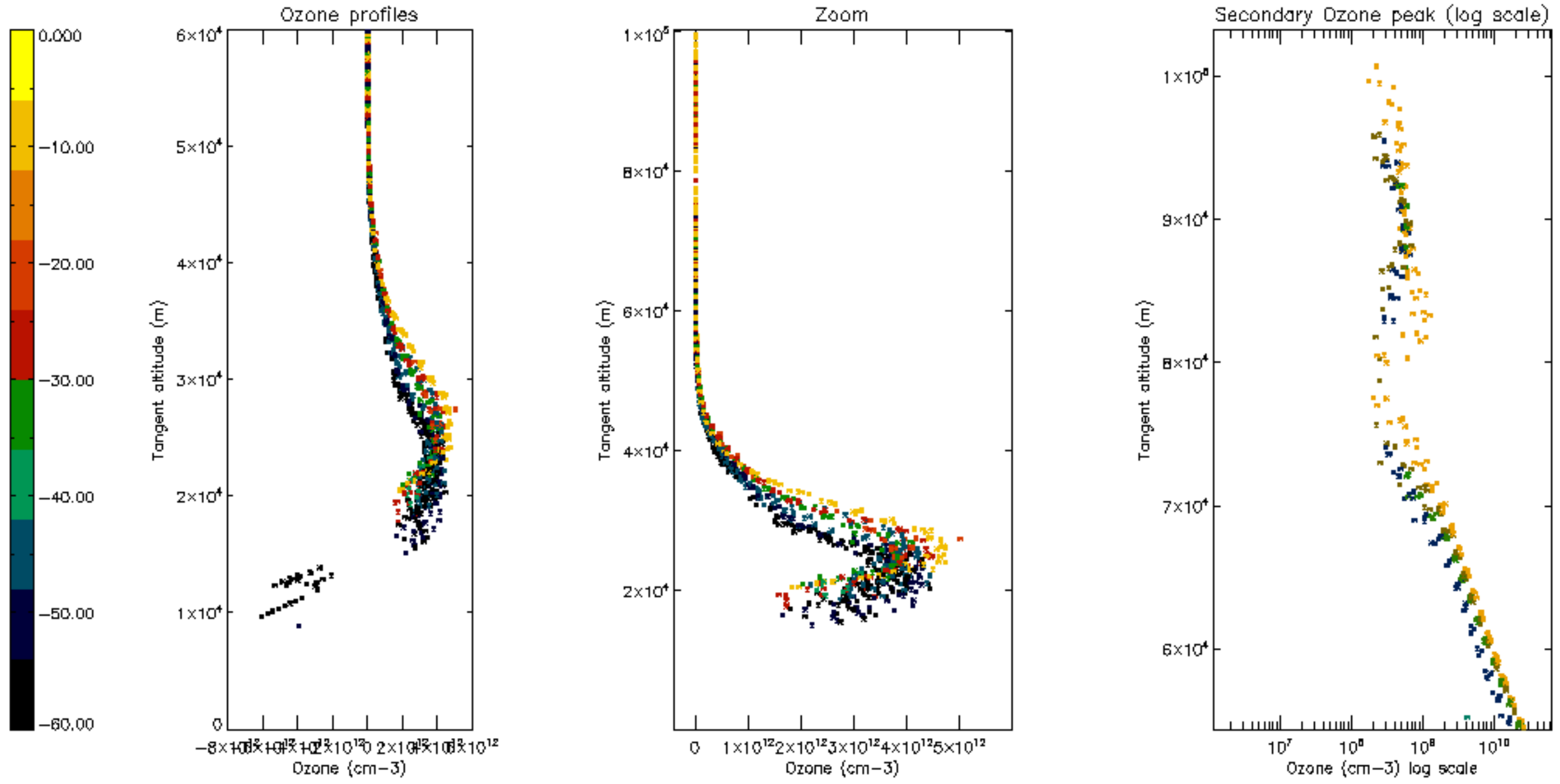
Percentage of saturation errors per profile

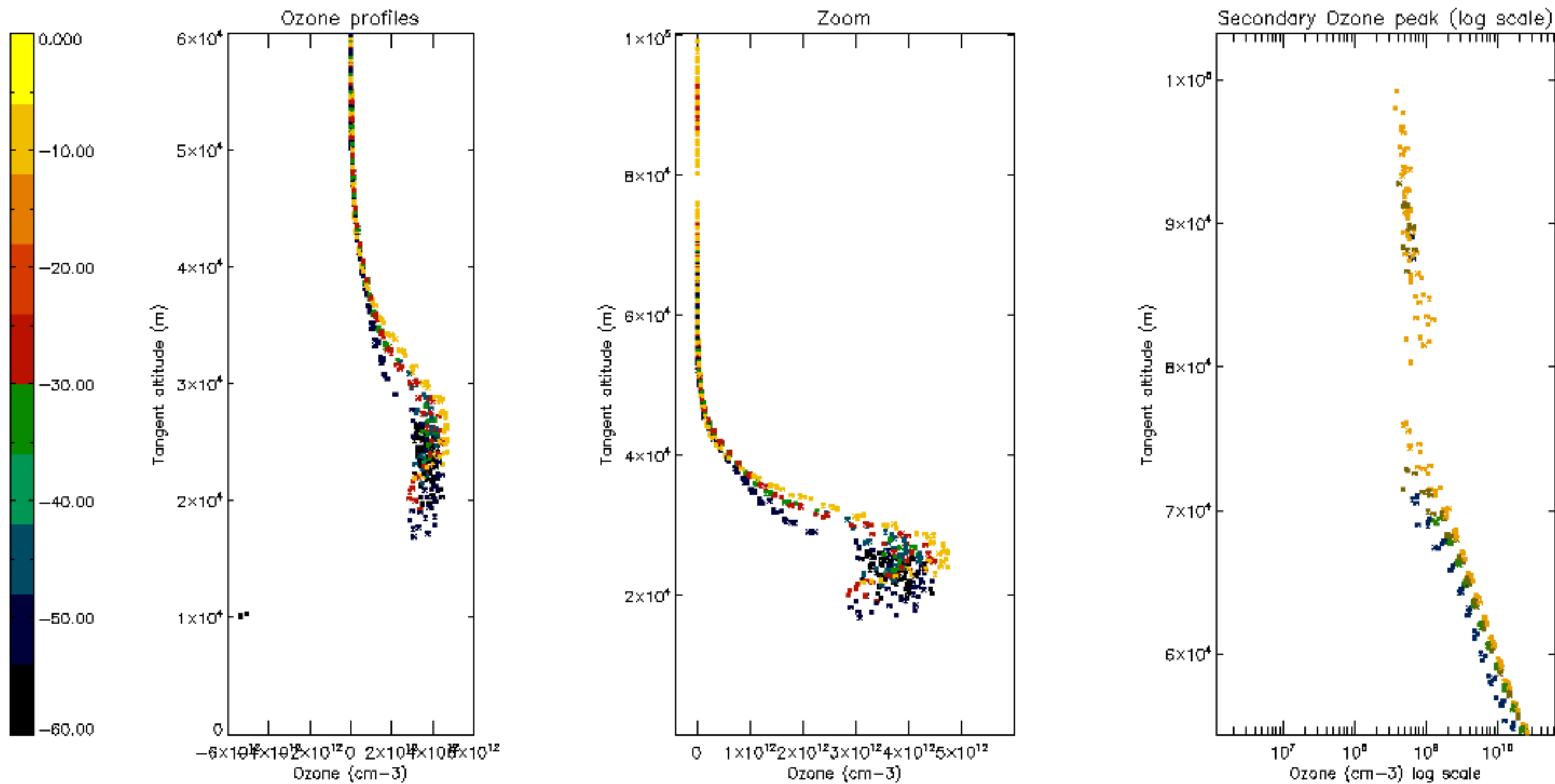


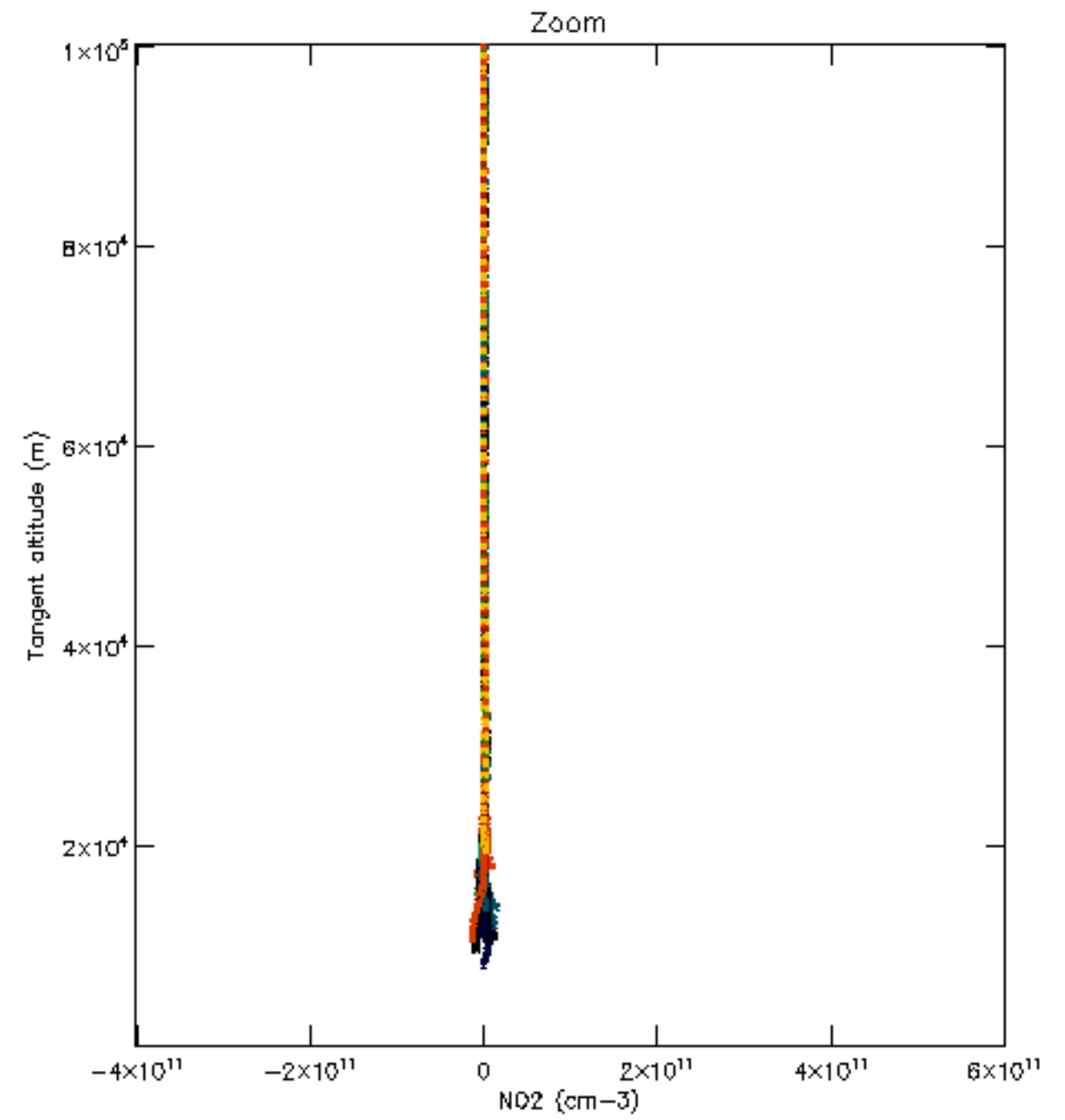
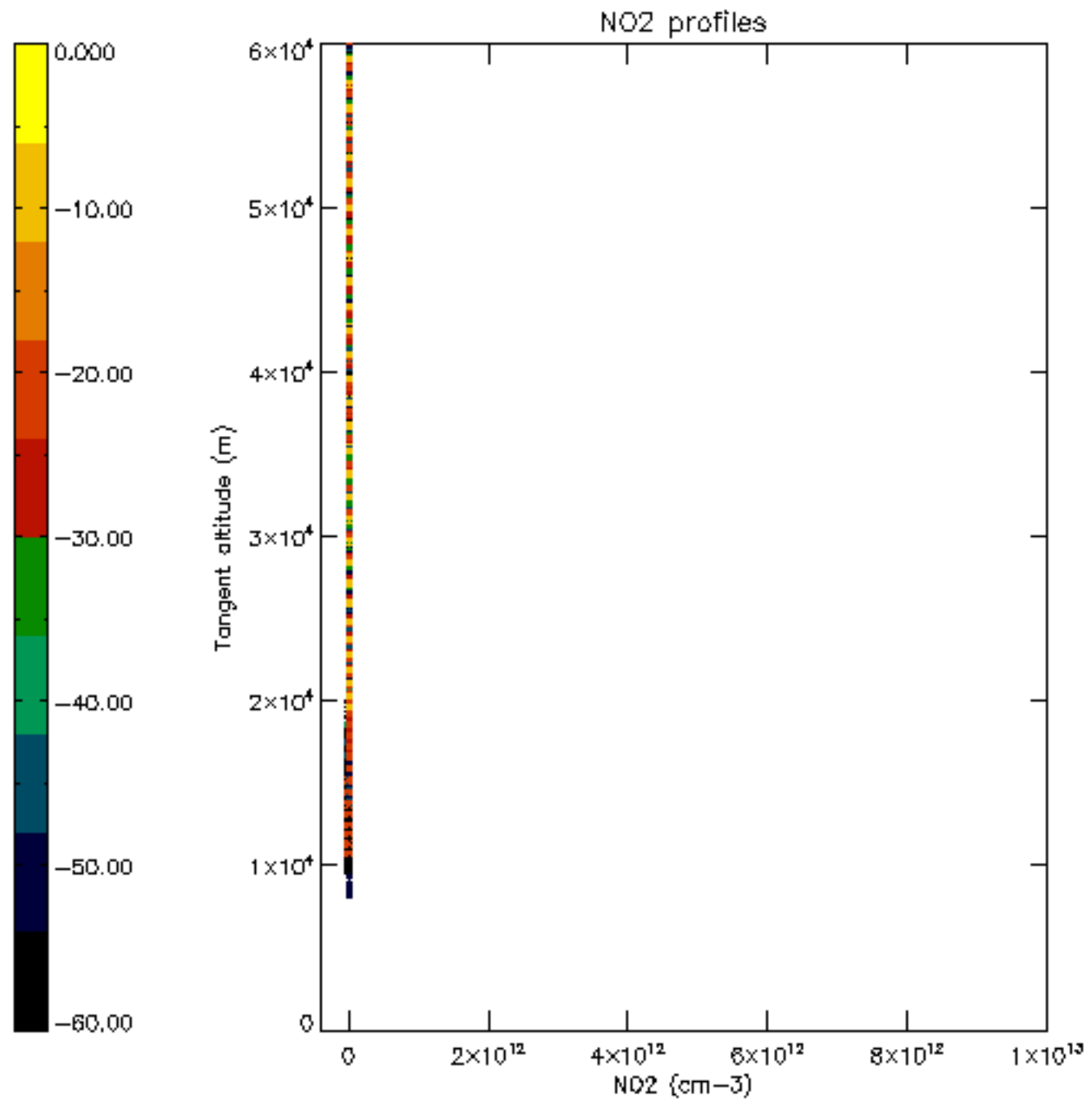




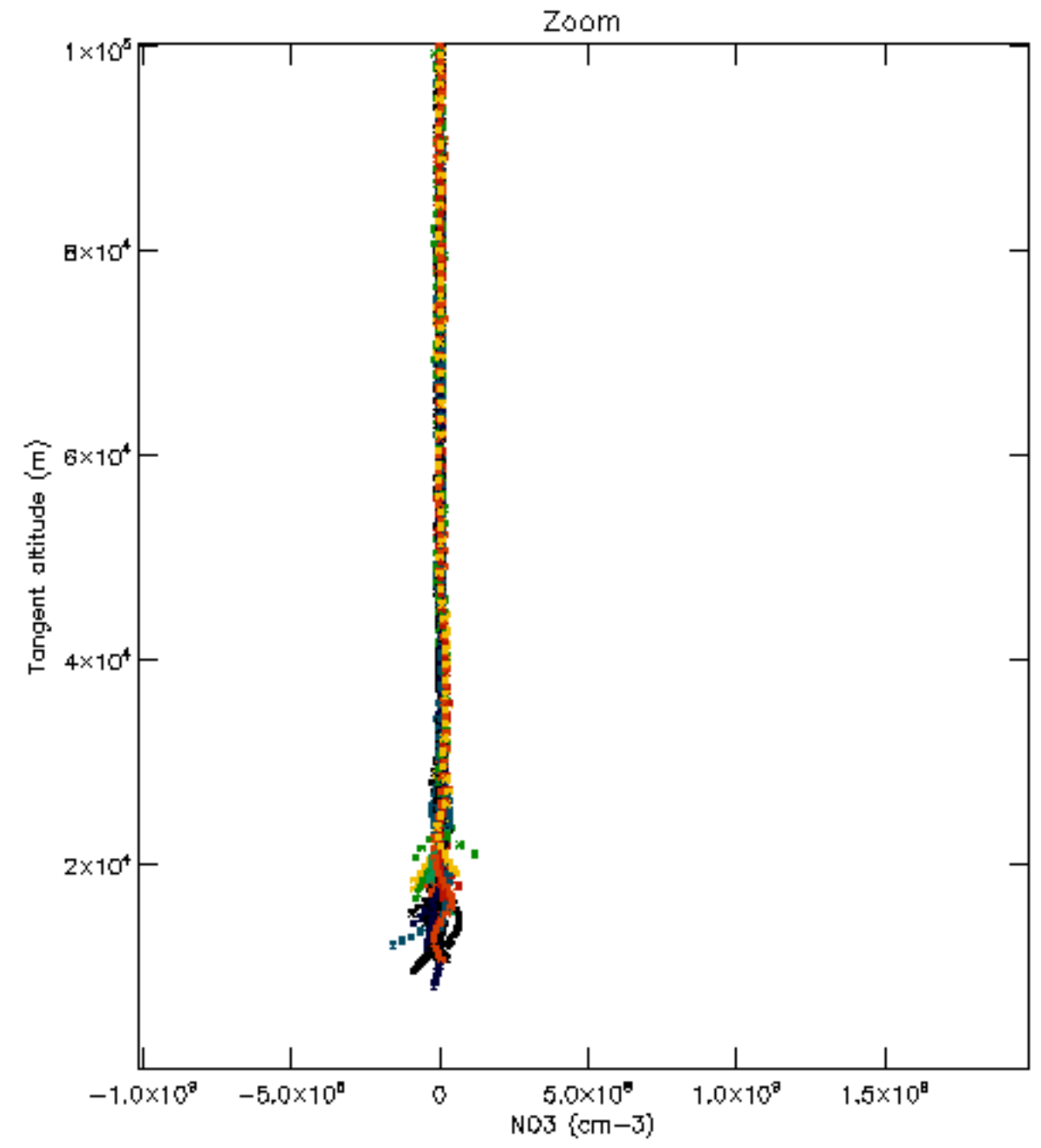
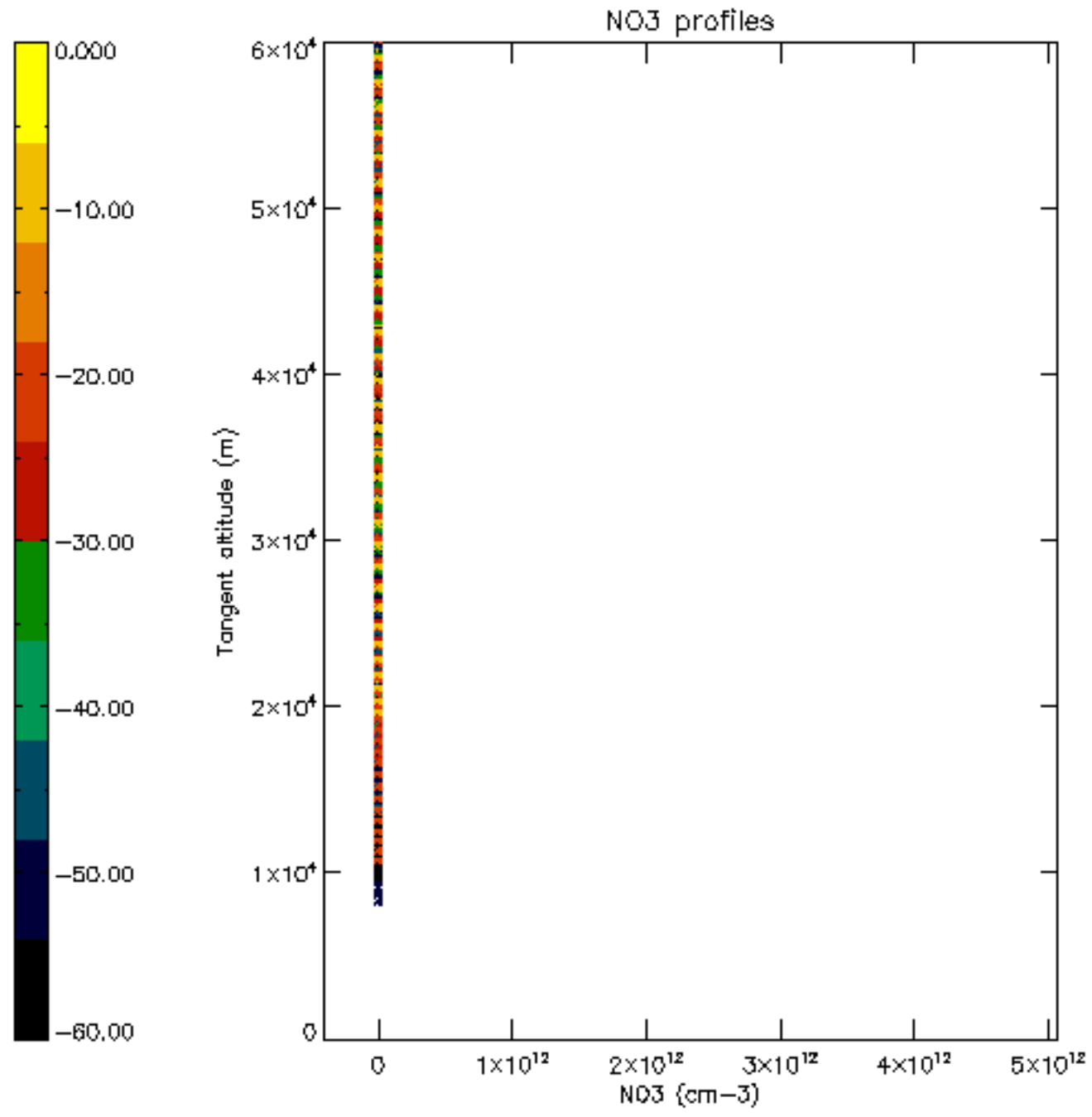


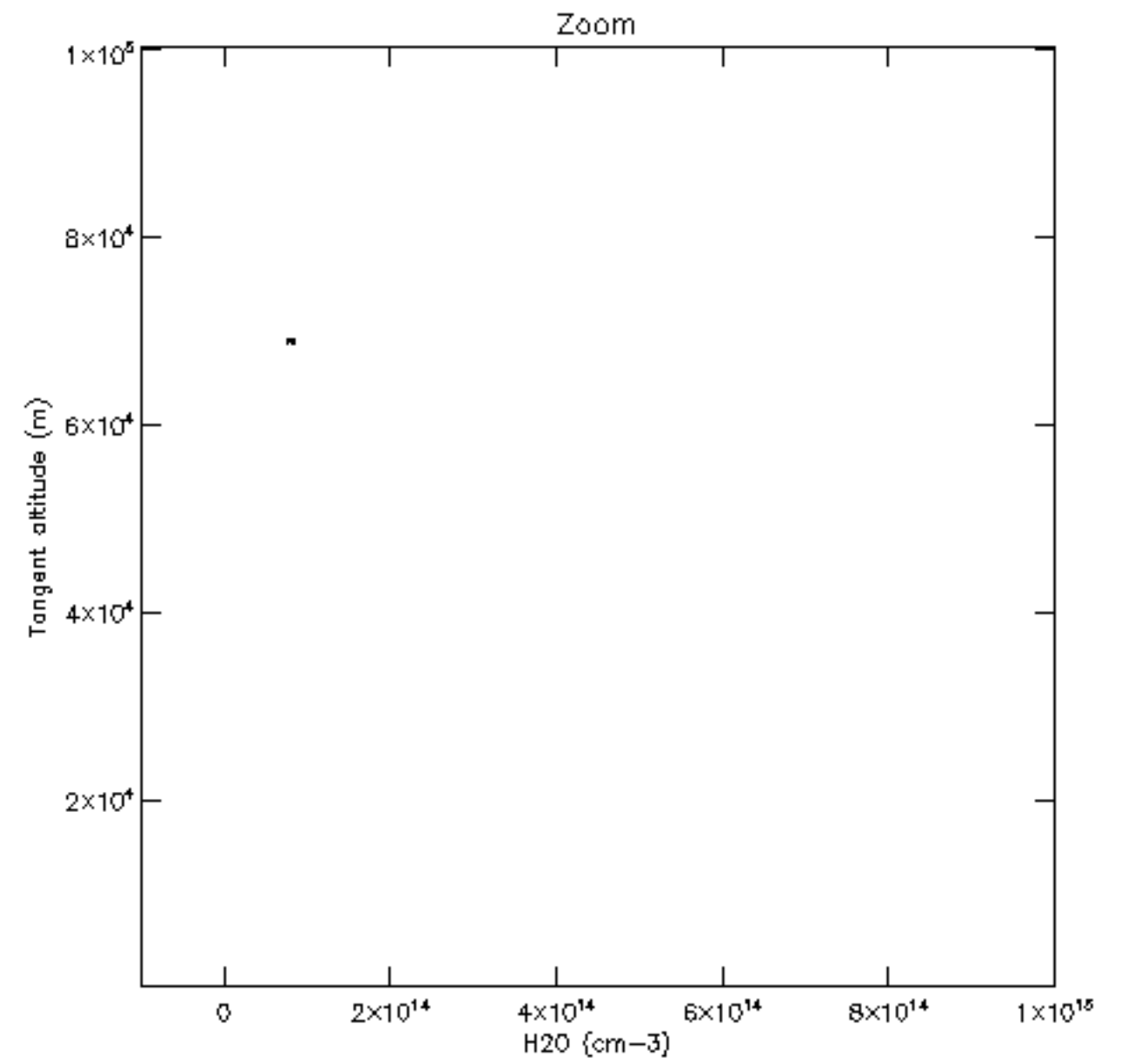
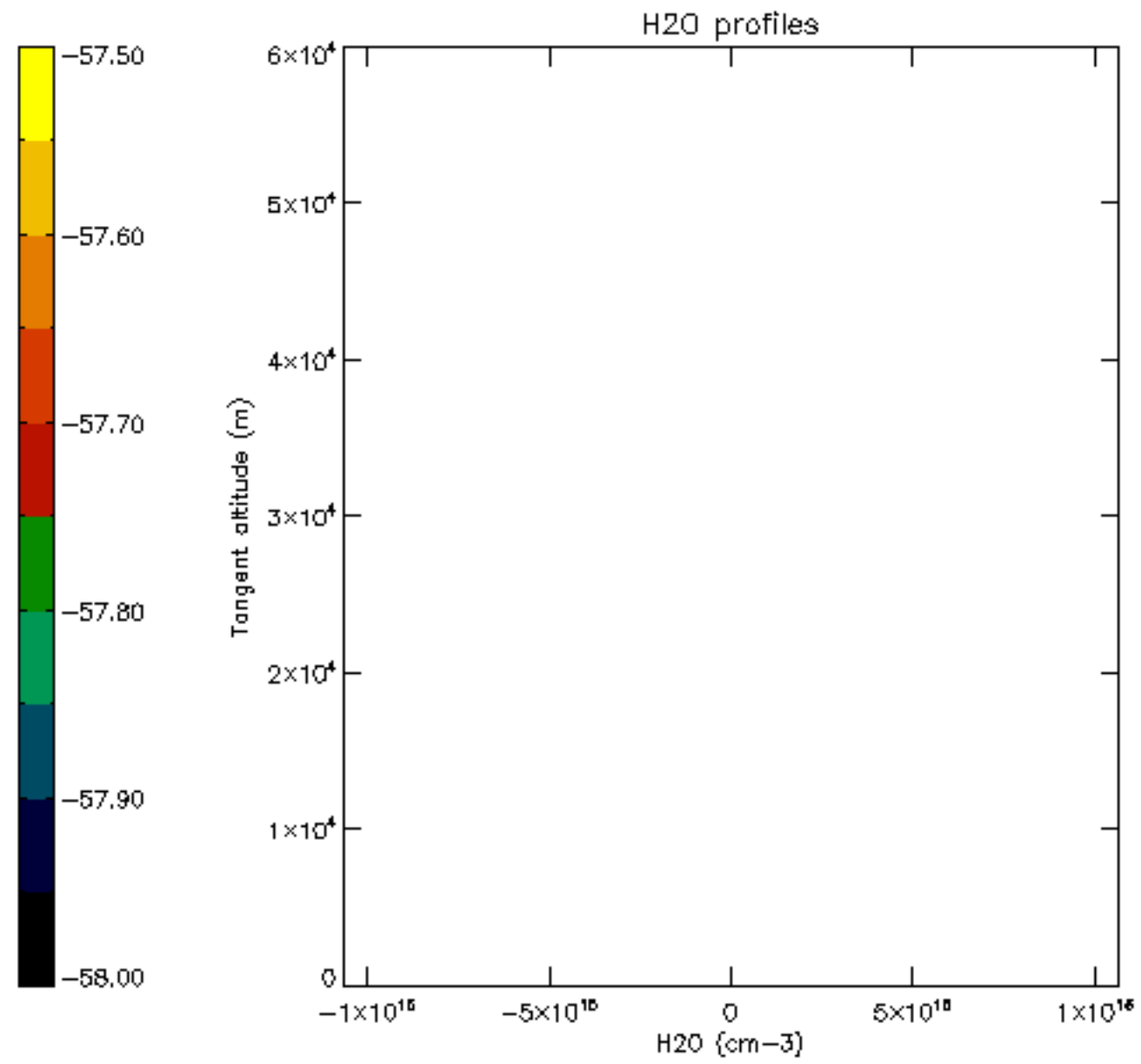


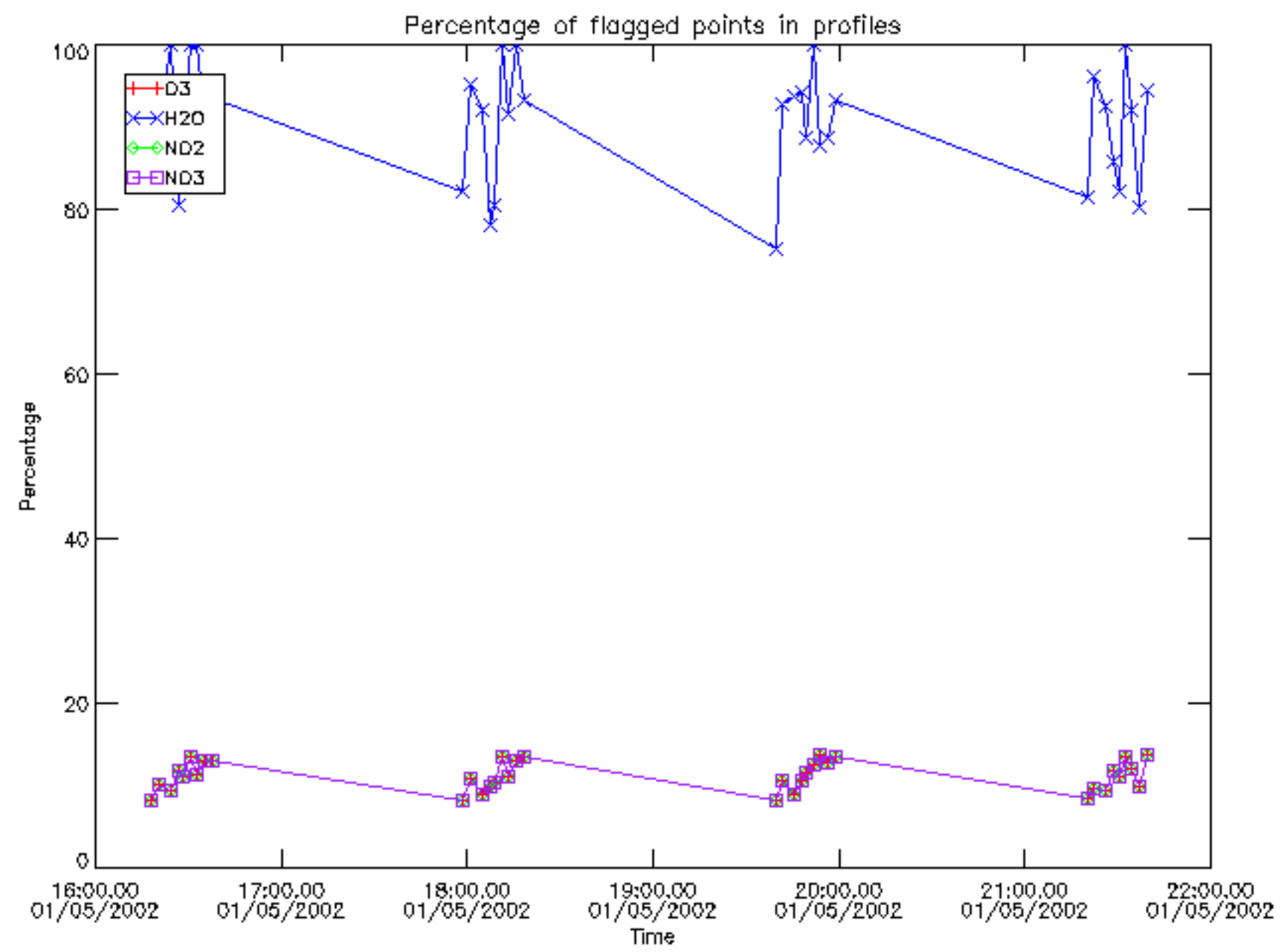




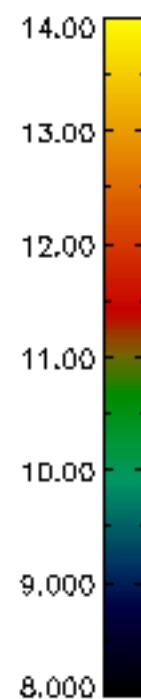
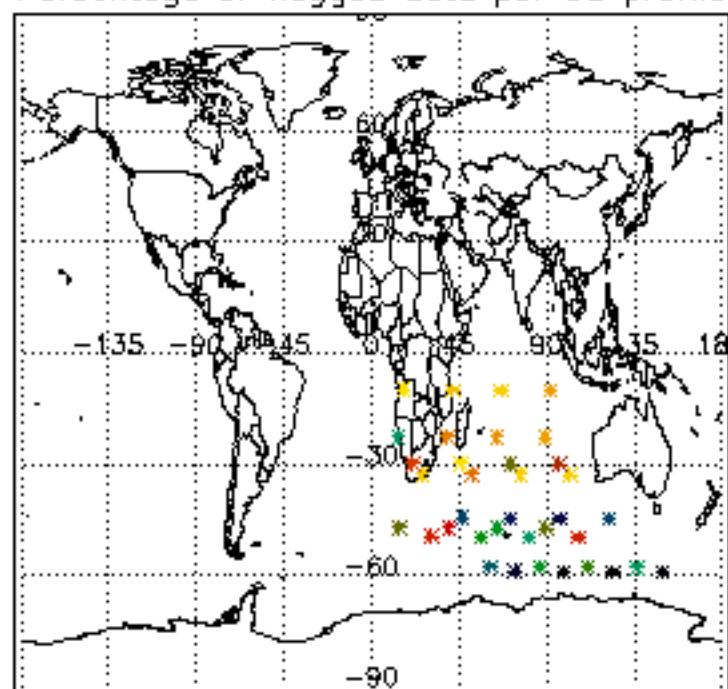




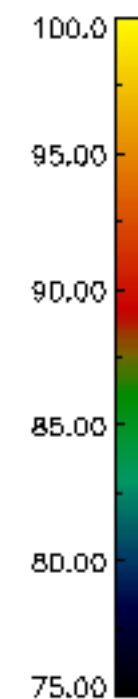
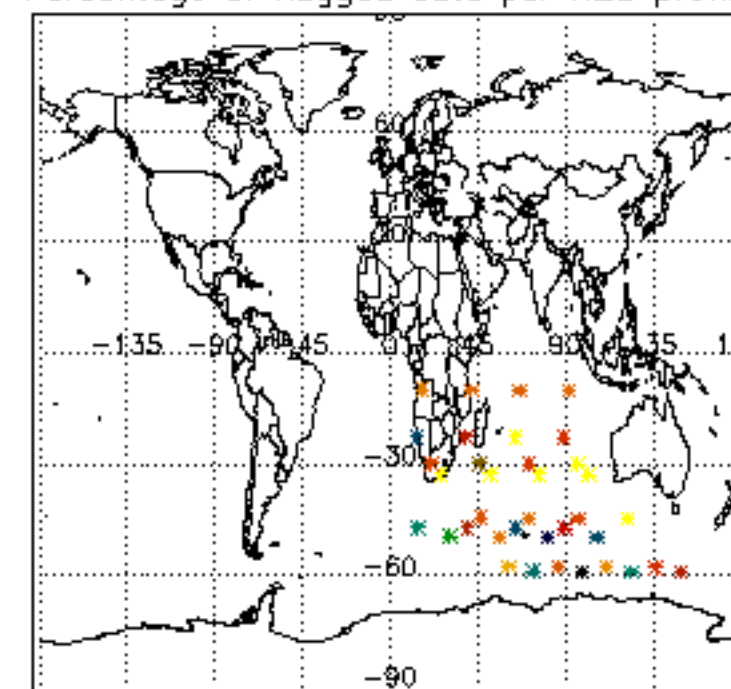




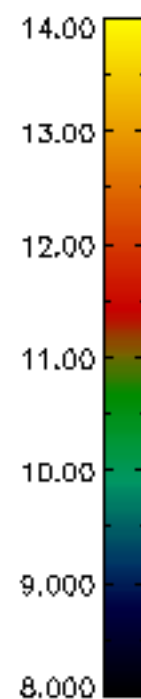
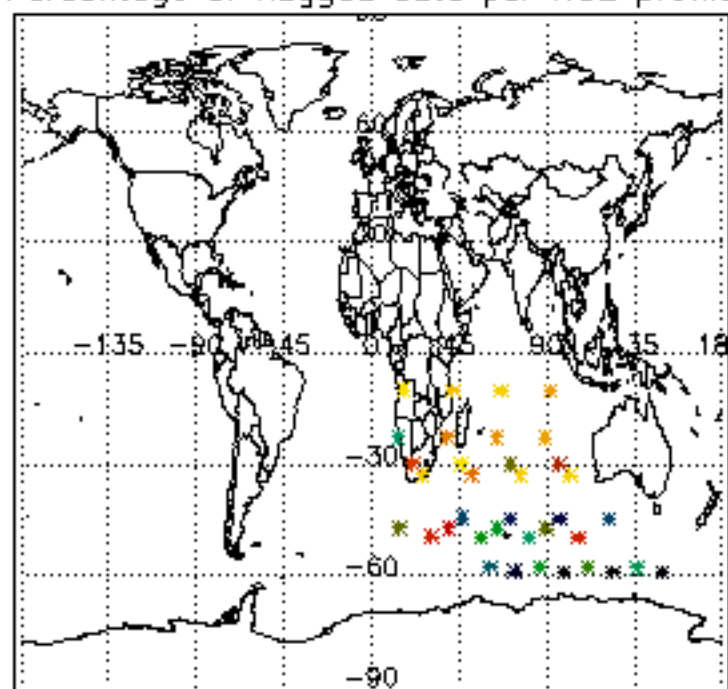
Percentage of flagged data per D3 profile



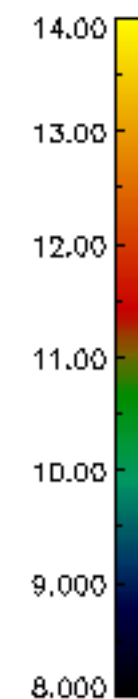
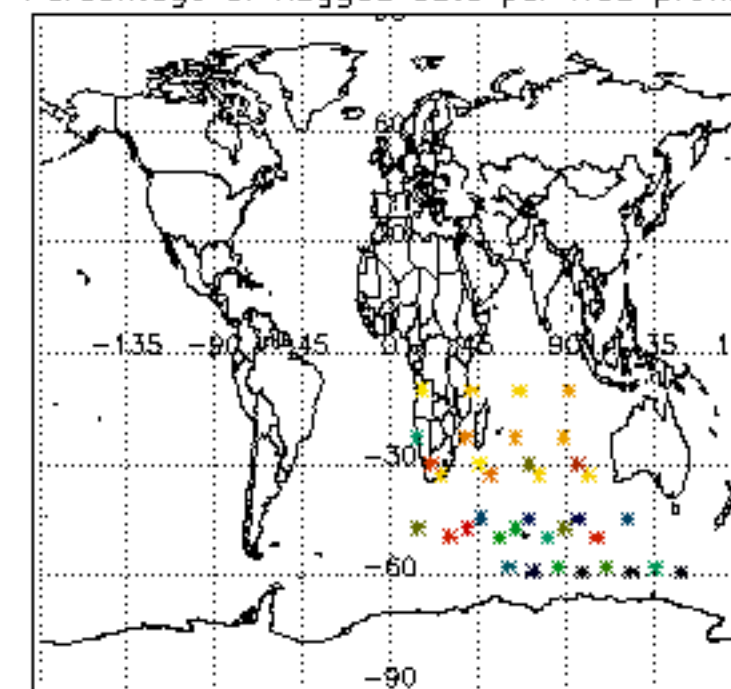
Percentage of flagged data per H2O profile



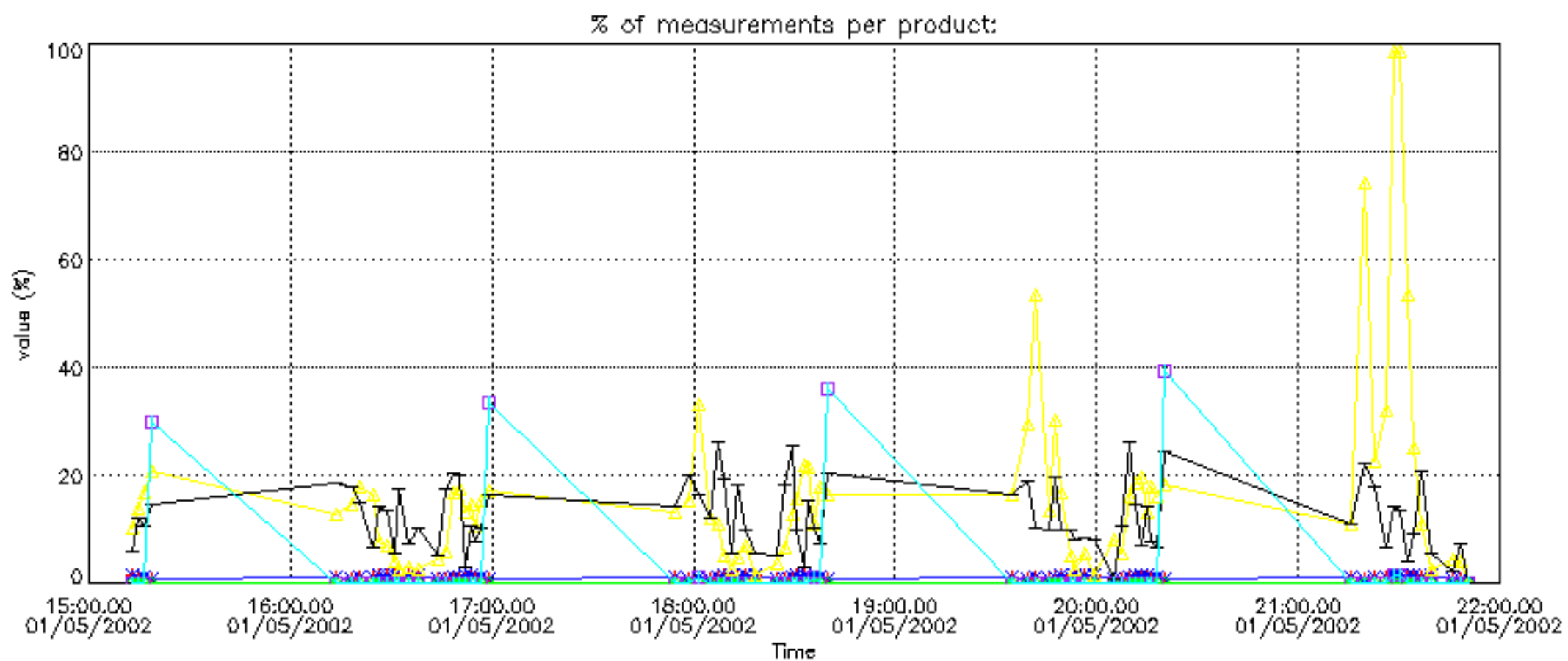
Percentage of flagged data per NO2 profile

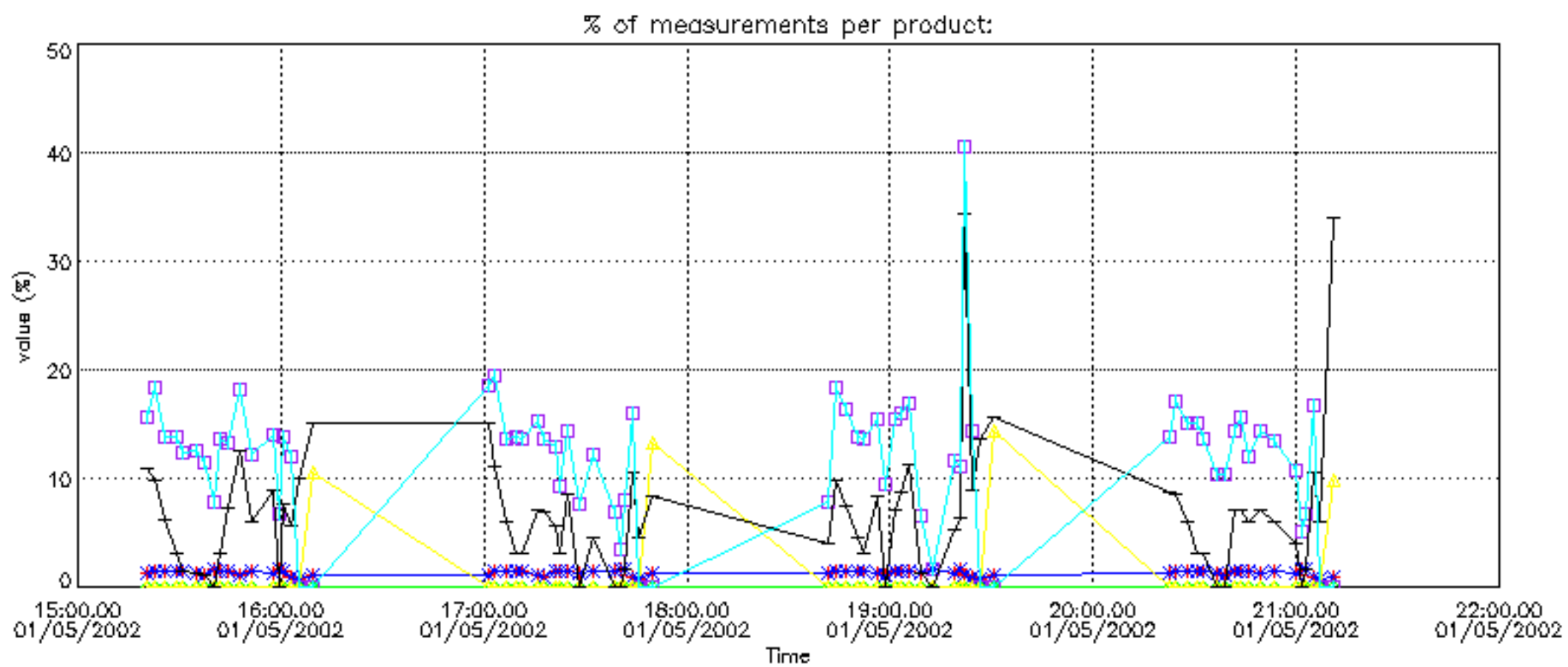


Percentage of flagged data per NO3 profile

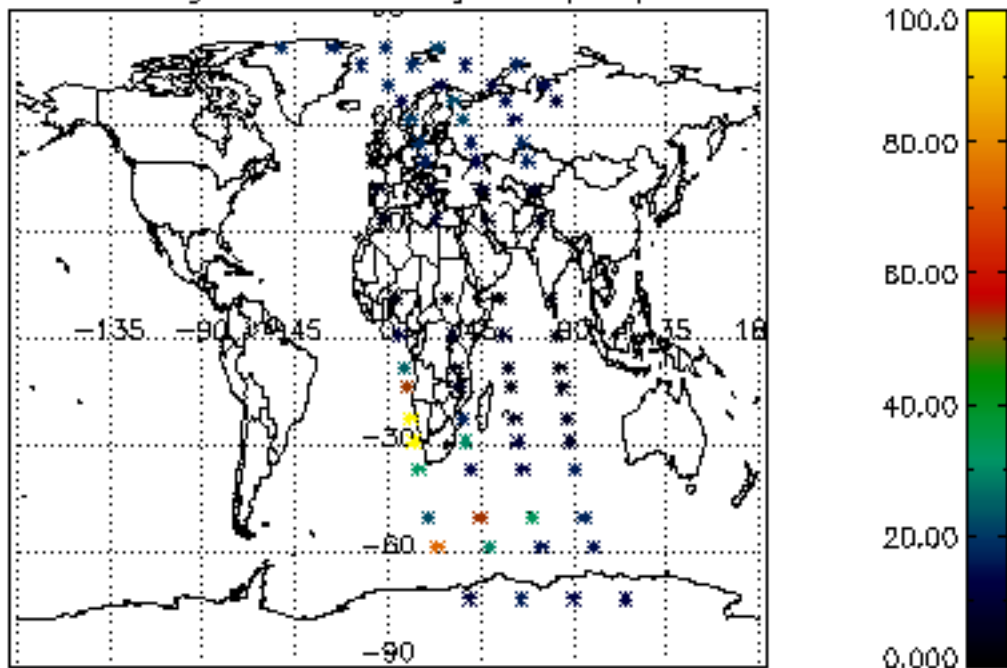




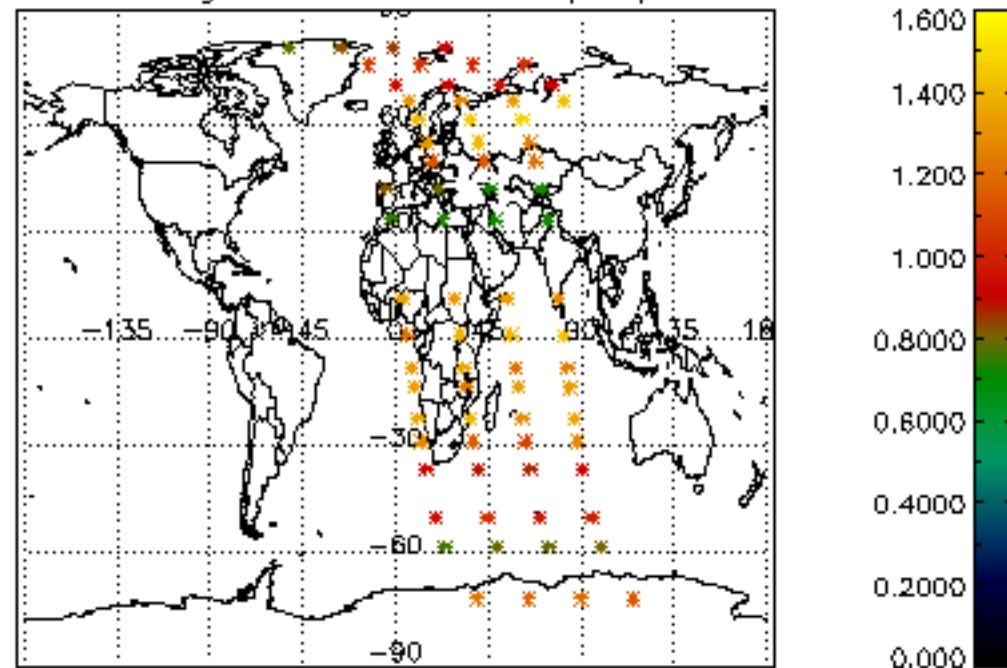




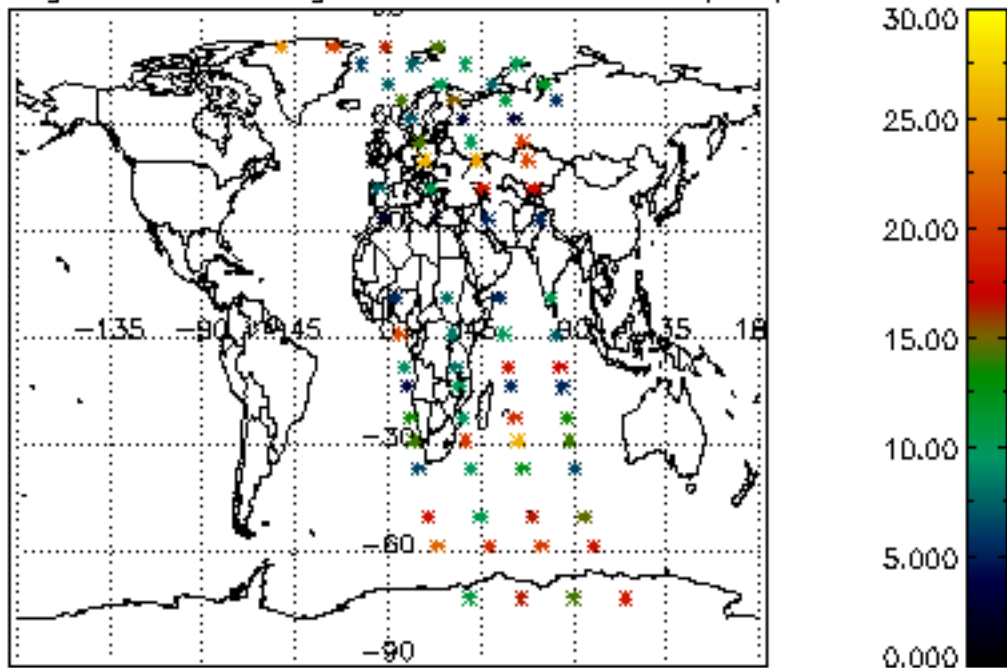
Percentage of cosmic ray hits per profile



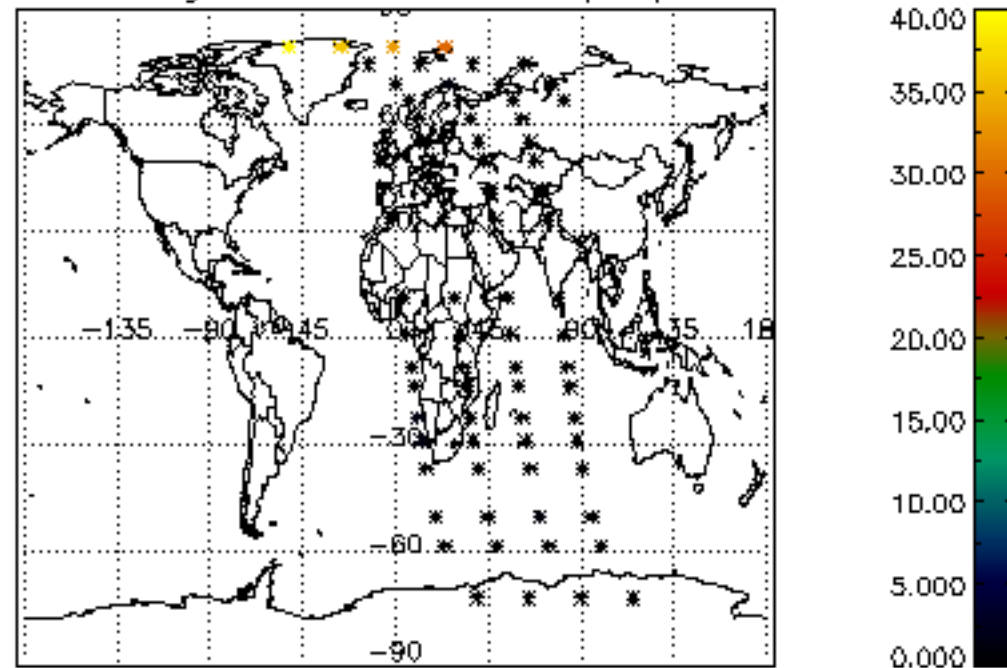
Percentage of datation errors per profile



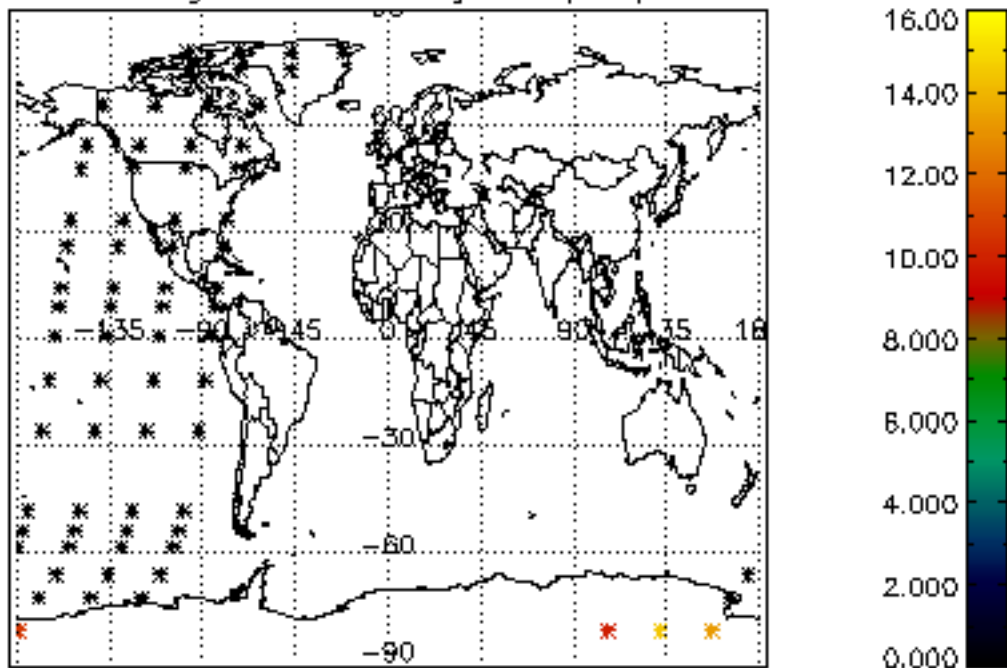
Percentage of star falling outside central band per profile



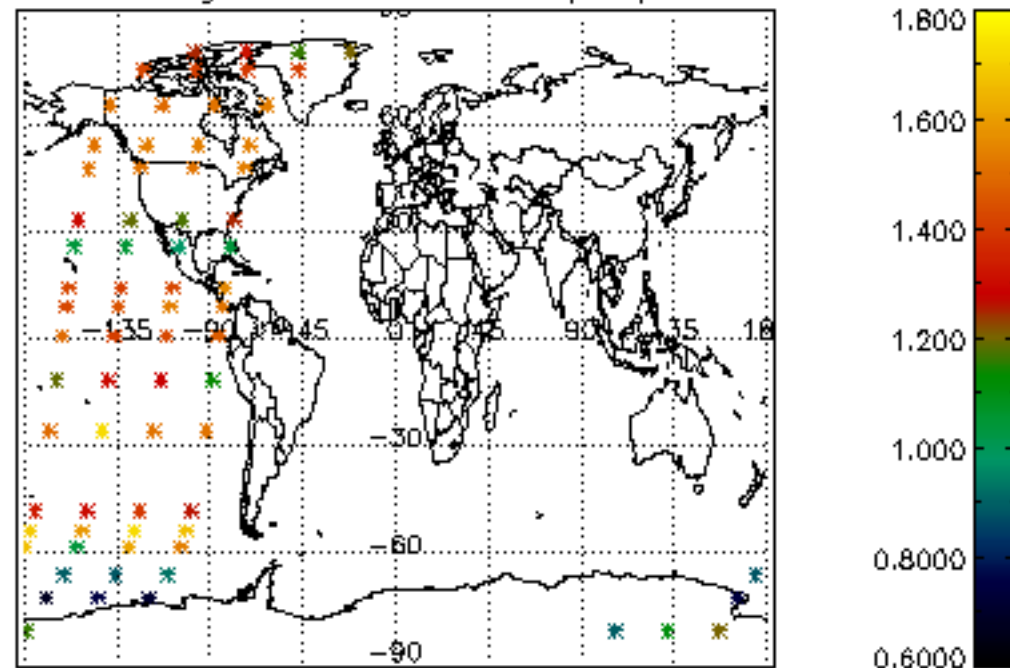
Percentage of saturation errors per profile



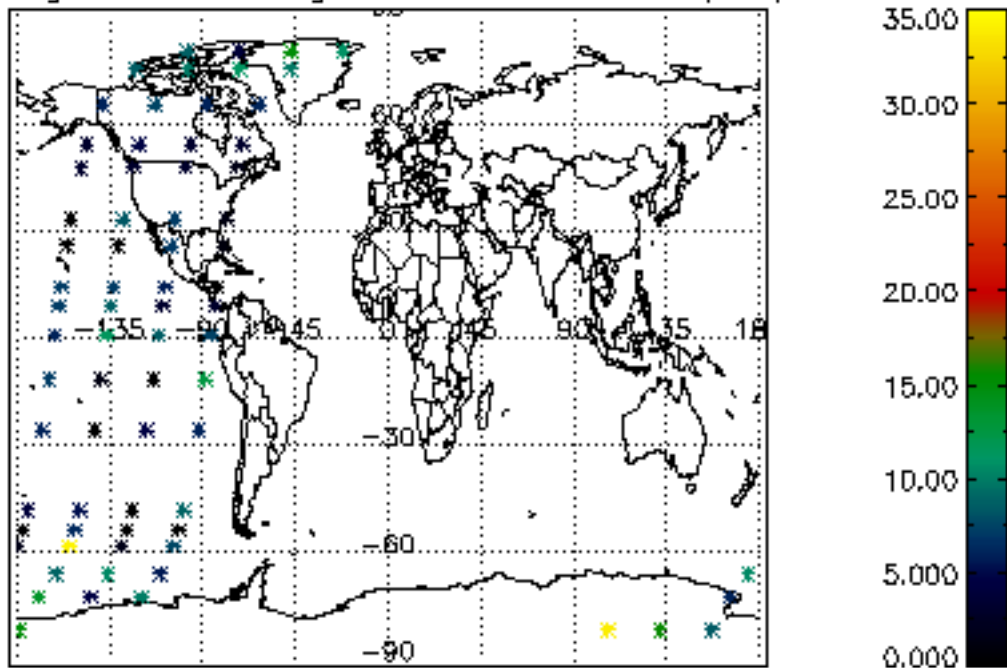
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

