

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	23APR2013 03:53:36
Data source version	GOMOS/6.01
Start time of products	07-09-2007 (07SEP2007 00:00:00)
Stop time of products	08-09-2007 (08SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
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__2PRFIN20070907_000255_000000362061_00245_28856_3729.N1	07-SEP-2007 00:02:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28856	No
2	GOM_NL__2PRFIN20070907_002005_000000402061_00245_28856_3730.N1	07-SEP-2007 00:20:05	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28856	No
3	GOM_NL__2PRFIN20070907_002803_000000562061_00245_28856_3731.N1	07-SEP-2007 00:28:03	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	28856	No
4	GOM_NL__2PRFIN20070907_003610_000000552061_00245_28856_3732.N1	07-SEP-2007 00:36:10	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28856	No
5	GOM_NL__2PRFIN20070907_003846_000000452061_00245_28856_3733.N1	07-SEP-2007 00:38:46	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28856	No
6	GOM_NL__2PRFIN20070907_004010_000000452061_00245_28856_3734.N1	07-SEP-2007 00:40:10	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28856	No
7	GOM_NL__2PRFIN20070907_004350_000000472061_00245_28856_3735.N1	07-SEP-2007 00:43:50	Dark	47.000	108	Alp Col	2.6520	15200.	94	28856	No
8	GOM_NL__2PRFIN20070907_004524_000000552061_00245_28856_3736.N1	07-SEP-2007 00:45:24	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28856	No
9	GOM_NL__2PRFIN20070907_005548_000000412061_00246_28857_3759.N1	07-SEP-2007 00:55:48	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28857	No
10	GOM_NL__2PRFIN20070907_005709_000000552061_00246_28857_3760.N1	07-SEP-2007 00:57:09	Dark	54.500	9	Alp Eri	0.45300	24000.	109	28857	No
11	GOM_NL__2PRFIN20070907_010303_000000502061_00246_28857_3761.N1	07-SEP-2007 01:03:03	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28857	No
12	GOM_NL__2PRFIN20070907_010847_000000472061_00246_28857_3762.N1	07-SEP-2007 01:08:47	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28857	No
13	GOM_NL__2PRFIN20070907_011753_000000392061_00246_28857_3763.N1	07-SEP-2007 01:17:53	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28857	No
14	GOM_NL__2PRFIN20070907_012052_000000382061_00246_28857_3764.N1	07-SEP-2007 01:20:52	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28857	No
15	GOM_NL__2PRFIN20070907_012726_000000412061_00246_28857_3765.N1	07-SEP-2007 01:27:26	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28857	No
16	GOM_NL__2PRFIN20070907_013548_000000362061_00246_28857_3766.N1	07-SEP-2007 01:35:48	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28857	No
17	GOM_NL__2PRFIN20070907_014331_000000362061_00246_28857_3767.N1	07-SEP-2007 01:43:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28857	No
18	GOM_NL__2PRFIN20070907_020041_000000402061_00246_28857_3768.N1	07-SEP-2007 02:00:41	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28857	No
19	GOM_NL__2PRFIN20070907_020840_000000432061_00246_28857_3769.N1	07-SEP-2007 02:08:40	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	28857	No
20	GOM_NL__2PRFIN20070907_021646_000000512061_00246_28857_3770.N1	07-SEP-2007 02:16:46	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28857	No
21	GOM_NL__2PRFIN20070907_021922_000000442061_00246_28857_3771.N1	07-SEP-2007 02:19:22	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28857	No
22	GOM_NL__2PRFIN20070907_022047_000000442061_00246_28857_3772.N1	07-SEP-2007 02:20:47	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	28857	No
23	GOM_NL__2PRFIN20070907_022427_000000482061_00246_28857_3773.N1	07-SEP-2007 02:24:27	Dark	48.000	108	Alp Col	2.6520	15200.	96	28857	No
24	GOM_NL__2PRFIN20070907_022600_000000522061_00246_28857_3774.N1	07-SEP-2007 02:26:00	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28857	No
25	GOM_NL__2PRFIN20070907_023624_000000412061_00247_28858_3766.N1	07-SEP-2007 02:36:24	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28858	No
26	GOM_NL__2PRFIN20070907_023745_000000562061_00247_28858_3767.N1	07-SEP-2007 02:37:45	Dark	56.000	9	Alp Eri	0.45300	24000.	112	28858	No
27	GOM_NL__2PRFIN20070907_024339_000000492061_00247_28858_3768.N1	07-SEP-2007 02:43:39	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28858	No
28	GOM_NL__2PRFIN20070907_024924_000000472061_00247_28858_3769.N1	07-SEP-2007 02:49:24	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28858	No
29	GOM_NL__2PRFIN20070907_025829_000000382061_00247_28858_3770.N1	07-SEP-2007 02:58:29	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28858	No
30	GOM_NL__2PRFIN20070907_030128_000000382061_00247_28858_3771.N1	07-SEP-2007 03:01:28	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28858	No
31	GOM_NL__2PRFIN20070907_030801_000000412061_00247_28858_3772.N1	07-SEP-2007 03:08:01	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28858	No
32	GOM_NL__2PRFIN20070907_031624_000000332061_00247_28858_3773.N1	07-SEP-2007 03:16:24	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	28858	No
33	GOM_NL__2PRFIN20070907_032407_000000322061_00247_28858_3774.N1	07-SEP-2007 03:24:07	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28858	No
34	GOM_NL__2PRFIN20070907_034117_000000402061_00247_28858_3775.N1	07-SEP-2007 03:41:17	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28858	No
35	GOM_NL__2PRFIN20070907_034916_000000522061_00247_28858_3776.N1	07-SEP-2007 03:49:16	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	28858	No
36	GOM_NL__2PRFIN20070907_035723_000000582061_00247_28858_3777.N1	07-SEP-2007 03:57:23	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	28858	No
37	GOM_NL__2PRFIN20070907_035959_000000452061_00247_28858_3778.N1	07-SEP-2007 03:59:59	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28858	No
38	GOM_NL__2PRFIN20070907_040123_000000432061_00247_28858_3779.N1	07-SEP-2007 04:01:23	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28858	No
39	GOM_NL__2PRFIN20070907_040504_000000462061_00247_28858_3780.N1	07-SEP-2007 04:05:04	Dark	45.500	108	Alp Col	2.6520	15200.	91	28858	No
40	GOM_NL__2PRFIN20070907_040637_000000552061_00247_28858_3781.N1	07-SEP-2007 04:06:37	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28858	No
41	GOM_NL__2PRFIN20070907_041701_000000402061_00248_28859_3791.N1	07-SEP-2007 04:17:01	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28859	No
42	GOM_NL__2PRFIN20070907_041822_000000462061_00248_28859_3792.N1	07-SEP-2007 04:18:22	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28859	No

43	GOM_NL__2PRFIN20070907_042416_000000522061_00248_28859_3793.N1	07-SEP-2007 04:24:16	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	28859	No
44	GOM_NL__2PRFIN20070907_043000_000000462061_00248_28859_3794.N1	07-SEP-2007 04:30:00	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28859	No
45	GOM_NL__2PRFIN20070907_043905_000000372061_00248_28859_3795.N1	07-SEP-2007 04:39:05	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	28859	No
46	GOM_NL__2PRFIN20070907_044204_000000392061_00248_28859_3796.N1	07-SEP-2007 04:42:04	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28859	No
47	GOM_NL__2PRFIN20070907_044837_000000412061_00248_28859_3797.N1	07-SEP-2007 04:48:37	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28859	No
48	GOM_NL__2PRFIN20070907_045700_000000362061_00248_28859_3798.N1	07-SEP-2007 04:57:00	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28859	No
49	GOM_NL__2PRFIN20070907_050443_000000342061_00248_28859_3799.N1	07-SEP-2007 05:04:43	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28859	No
50	GOM_NL__2PRFIN20070907_052153_000000402061_00248_28859_3800.N1	07-SEP-2007 05:21:53	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28859	No
51	GOM_NL__2PRFIN20070907_052952_000000562061_00248_28859_3801.N1	07-SEP-2007 05:29:52	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	28859	No
52	GOM_NL__2PRFIN20070907_053800_000000552061_00248_28859_3802.N1	07-SEP-2007 05:38:00	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28859	No
53	GOM_NL__2PRFIN20070907_054036_000000482061_00248_28859_3803.N1	07-SEP-2007 05:40:36	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28859	No
54	GOM_NL__2PRFIN20070907_054200_000000462061_00248_28859_3804.N1	07-SEP-2007 05:42:00	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	28859	No
55	GOM_NL__2PRFIN20070907_054541_000000482061_00248_28859_3805.N1	07-SEP-2007 05:45:41	Dark	48.000	108	Alp Col	2.6520	15200.	96	28859	No
56	GOM_NL__2PRFIN20070907_054713_000000542061_00248_28859_3806.N1	07-SEP-2007 05:47:13	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	28859	No
57	GOM_NL__2PRFIN20070907_055737_000000382061_00249_28860_3818.N1	07-SEP-2007 05:57:37	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28860	No
58	GOM_NL__2PRFIN20070907_055858_000000442061_00249_28860_3819.N1	07-SEP-2007 05:58:58	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28860	No
59	GOM_NL__2PRFIN20070907_060453_000000472061_00249_28860_3820.N1	07-SEP-2007 06:04:53	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28860	No
60	GOM_NL__2PRFIN20070907_061036_000000452061_00249_28860_3821.N1	07-SEP-2007 06:10:36	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28860	No
61	GOM_NL__2PRFIN20070907_061941_000000382061_00249_28860_3822.N1	07-SEP-2007 06:19:41	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	28860	No
62	GOM_NL__2PRFIN20070907_062240_000000382061_00249_28860_3823.N1	07-SEP-2007 06:22:40	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28860	No
63	GOM_NL__2PRFIN20070907_062913_000000402061_00249_28860_3824.N1	07-SEP-2007 06:29:13	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28860	No
64	GOM_NL__2PRFIN20070907_063736_000000362061_00249_28860_3825.N1	07-SEP-2007 06:37:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28860	No
65	GOM_NL__2PRFIN20070907_064519_000000352061_00249_28860_3826.N1	07-SEP-2007 06:45:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28860	No
66	GOM_NL__2PRFIN20070907_070229_000000402061_00249_28860_3827.N1	07-SEP-2007 07:02:29	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28860	No
67	GOM_NL__2PRFIN20070907_071029_000000452061_00249_28860_3828.N1	07-SEP-2007 07:10:29	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	28860	No
68	GOM_NL__2PRFIN20070907_071837_000000582061_00249_28860_3829.N1	07-SEP-2007 07:18:37	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28860	No
69	GOM_NL__2PRFIN20070907_072112_000000462061_00249_28860_3830.N1	07-SEP-2007 07:21:12	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28860	No
70	GOM_NL__2PRFIN20070907_072236_000000422061_00249_28860_3831.N1	07-SEP-2007 07:22:36	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28860	No
71	GOM_NL__2PRFIN20070907_072618_000000492061_00249_28860_3832.N1	07-SEP-2007 07:26:18	Dark	49.000	108	Alp Col	2.6520	15200.	98	28860	No
72	GOM_NL__2PRFIN20070907_072750_000000532061_00249_28860_3833.N1	07-SEP-2007 07:27:50	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28860	No
73	GOM_NL__2PRFIN20070907_073814_000000412061_00250_28861_3830.N1	07-SEP-2007 07:38:14	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28861	No
74	GOM_NL__2PRFIN20070907_073935_000000432061_00250_28861_3831.N1	07-SEP-2007 07:39:35	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28861	No
75	GOM_NL__2PRFIN20070907_074529_000000532061_00250_28861_3832.N1	07-SEP-2007 07:45:29	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	28861	No
76	GOM_NL__2PRFIN20070907_075113_000000432061_00250_28861_3833.N1	07-SEP-2007 07:51:13	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	28861	No
77	GOM_NL__2PRFIN20070907_080017_000000382061_00250_28861_3834.N1	07-SEP-2007 08:00:17	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28861	No
78	GOM_NL__2PRFIN20070907_080316_000000382061_00250_28861_3835.N1	07-SEP-2007 08:03:16	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28861	No
79	GOM_NL__2PRFIN20070907_080948_000000402061_00250_28861_3836.N1	07-SEP-2007 08:09:48	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28861	No
80	GOM_NL__2PRFIN20070907_081812_000000362061_00250_28861_3837.N1	07-SEP-2007 08:18:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28861	No
81	GOM_NL__2PRFIN20070907_082555_000000372061_00250_28861_3838.N1	07-SEP-2007 08:25:55	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28861	No
82	GOM_NL__2PRFIN20070907_084305_000000402061_00250_28861_3839.N1	07-SEP-2007 08:43:05	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28861	No
83	GOM_NL__2PRFIN20070907_085105_000000492061_00250_28861_3840.N1	07-SEP-2007 08:51:05	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28861	No
84	GOM_NL__2PRFIN20070907_085913_000000492061_00250_28861_3841.N1	07-SEP-2007 08:59:13	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28861	No
85	GOM_NL__2PRFIN20070907_090149_000000452061_00250_28861_3842.N1	07-SEP-2007 09:01:49	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28861	No
86	GOM_NL__2PRFIN20070907_090313_000000432061_00250_28861_3843.N1	07-SEP-2007 09:03:13	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28861	No
87	GOM_NL__2PRFIN20070907_090655_000000482061_00250_28861_3844.N1	07-SEP-2007 09:06:55	Dark	47.500	108	Alp Col	2.6520	15200.	95	28861	No
88	GOM_NL__2PRFIN20070907_090826_000000432061_00250_28861_3845.N1	07-SEP-2007 09:08:26	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	28861	No
89	GOM_NL__2PRFIN20070907_091850_000000392061_00251_28862_3843.N1	07-SEP-2007 09:18:50	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28862	No
90	GOM_NL__2PRFIN20070907_092011_000000492061_00251_28862_3844.N1	07-SEP-2007 09:20:11	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28862	No
91	GOM_NL__2PRFIN20070907_092605_000000462061_00251_28862_3845.N1	07-SEP-2007 09:26:05	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	28862	No
92	GOM_NL__2PRFIN20070907_093149_000000462061_00251_28862_3846.N1	07-SEP-2007 09:31:49	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28862	No
93	GOM_NL__2PRFIN20070907_094053_000000392061_00251_28862_3847.N1	07-SEP-2007 09:40:53	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28862	No
94	GOM_NL__2PRFIN20070907_094352_000000522061_00251_28862_3848.N1	07-SEP-2007 09:43:52	Bright	52.000	61	8Eps Peg	2.1000	3900.0	104	28862	No
95	GOM_NL__2PRFIN20070907_095024_000000402061_00251_28862_3849.N1	07-SEP-2007 09:50:24	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28862	No
96	GOM_NL__2PRFIN20070907_095847_000000362061_00251_28862_3850.N1	07-SEP-2007 09:58:47	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28862	No
97	GOM_NL__2PRFIN20070907_100630_000000372061_00251_28862_3851.N1	07-SEP-2007 10:06:30	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28862	No
98	GOM_NL__2PRFIN20070907_102341_000000412061_00251_28862_3852.N1	07-SEP-2007 10:23:41	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28862	No
99	GOM_NL__2PRFIN20070907_103141_000000512061_00251_28862_3853.N1	07-SEP-2007 10:31:41	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	28862	No
100	GOM_NL__2PRFIN20070907_103950_000000612061_00251_28862_3854.N1	07-SEP-2007 10:39:50	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	28862	No
101	GOM_NL__2PRFIN20070907_104225_000000452061_00251_28862_3855.N1	07-SEP-2007 10:42:25	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28862	No

102	GOM_NL__2PRFIN20070907_104349_000000432061_00251_28862_3856.N1	07-SEP-2007 10:43:49	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28862	No
103	GOM_NL__2PRFIN20070907_104732_000000432061_00251_28862_3857.N1	07-SEP-2007 10:47:32	Dark	43.000	108	Alp Col	2.6520	15200.	86	28862	No
104	GOM_NL__2PRFIN20070907_104903_000000482061_00251_28862_3858.N1	07-SEP-2007 10:49:03	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	28862	No
105	GOM_NL__2PRFIN20070907_105927_000000402061_00252_28863_3859.N1	07-SEP-2007 10:59:27	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28863	No
106	GOM_NL__2PRFIN20070907_110048_000000532061_00252_28863_3860.N1	07-SEP-2007 11:00:48	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28863	No
107	GOM_NL__2PRFIN20070907_110642_000000492061_00252_28863_3861.N1	07-SEP-2007 11:06:42	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28863	No
108	GOM_NL__2PRFIN20070907_111225_000000452061_00252_28863_3862.N1	07-SEP-2007 11:12:25	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28863	No
109	GOM_NL__2PRFIN20070907_112129_000000392061_00252_28863_3863.N1	07-SEP-2007 11:21:29	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28863	No
110	GOM_NL__2PRFIN20070907_112428_000000372061_00252_28863_3864.N1	07-SEP-2007 11:24:28	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28863	No
111	GOM_NL__2PRFIN20070907_113059_000000392061_00252_28863_3865.N1	07-SEP-2007 11:30:59	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28863	No
112	GOM_NL__2PRFIN20070907_113923_000000362061_00252_28863_3866.N1	07-SEP-2007 11:39:23	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28863	No
113	GOM_NL__2PRFIN20070907_114706_000000372061_00252_28863_3867.N1	07-SEP-2007 11:47:06	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28863	No
114	GOM_NL__2PRFIN20070907_120417_000000382061_00252_28863_3868.N1	07-SEP-2007 12:04:17	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	28863	No
115	GOM_NL__2PRFIN20070907_121218_000000542061_00252_28863_3869.N1	07-SEP-2007 12:12:18	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28863	No
116	GOM_NL__2PRFIN20070907_122027_000000502061_00252_28863_3870.N1	07-SEP-2007 12:20:27	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28863	No
117	GOM_NL__2PRFIN20070907_122302_000000472061_00252_28863_3871.N1	07-SEP-2007 12:23:02	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28863	No
118	GOM_NL__2PRFIN20070907_122426_000000412061_00252_28863_3872.N1	07-SEP-2007 12:24:26	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28863	No
119	GOM_NL__2PRFIN20070907_122809_000000432061_00252_28863_3873.N1	07-SEP-2007 12:28:09	Dark	43.000	108	Alp Col	2.6520	15200.	86	28863	No
120	GOM_NL__2PRFIN20070907_122939_000000502061_00252_28863_3874.N1	07-SEP-2007 12:29:39	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	28863	No
121	GOM_NL__2PRFIN20070907_124003_000000412061_00253_28864_3878.N1	07-SEP-2007 12:40:03	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28864	No
122	GOM_NL__2PRFIN20070907_124124_000000452061_00253_28864_3879.N1	07-SEP-2007 12:41:24	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28864	No
123	GOM_NL__2PRFIN20070907_124718_000000462061_00253_28864_3880.N1	07-SEP-2007 12:47:18	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28864	No
124	GOM_NL__2PRFIN20070907_125301_000000452061_00253_28864_3881.N1	07-SEP-2007 12:53:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28864	No
125	GOM_NL__2PRFIN20070907_130205_000000392061_00253_28864_3882.N1	07-SEP-2007 13:02:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28864	No
126	GOM_NL__2PRFIN20070907_130504_000000372061_00253_28864_3883.N1	07-SEP-2007 13:05:04	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28864	No
127	GOM_NL__2PRFIN20070907_131135_000000402061_00253_28864_3884.N1	07-SEP-2007 13:11:35	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28864	No
128	GOM_NL__2PRFIN20070907_131959_000000372061_00253_28864_3885.N1	07-SEP-2007 13:19:59	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28864	No
129	GOM_NL__2PRFIN20070907_132742_000000352061_00253_28864_3886.N1	07-SEP-2007 13:27:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28864	No
130	GOM_NL__2PRFIN20070907_134453_000000422061_00253_28864_3887.N1	07-SEP-2007 13:44:53	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28864	No
131	GOM_NL__2PRFIN20070907_135254_000000542061_00253_28864_3888.N1	07-SEP-2007 13:52:54	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28864	No
132	GOM_NL__2PRFIN20070907_140103_000000522061_00253_28864_3889.N1	07-SEP-2007 14:01:03	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	28864	No
133	GOM_NL__2PRFIN20070907_140338_000000472061_00253_28864_3890.N1	07-SEP-2007 14:03:38	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28864	No
134	GOM_NL__2PRFIN20070907_140502_000000472061_00253_28864_3891.N1	07-SEP-2007 14:05:02	Dark	46.500	117	Pi Pup	2.7060	3800.0	93	28864	No
135	GOM_NL__2PRFIN20070907_140845_000000382061_00253_28864_3892.N1	07-SEP-2007 14:08:45	Dark	38.000	108	Alp Col	2.6520	15200.	76	28864	No
136	GOM_NL__2PRFIN20070907_141016_000000532061_00253_28864_3893.N1	07-SEP-2007 14:10:16	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28864	No
137	GOM_NL__2PRFIN20070907_142039_000000412061_00254_28865_3890.N1	07-SEP-2007 14:20:39	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28865	No
138	GOM_NL__2PRFIN20070907_142201_000000442061_00254_28865_3891.N1	07-SEP-2007 14:22:01	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28865	No
139	GOM_NL__2PRFIN20070907_142755_000000522061_00254_28865_3892.N1	07-SEP-2007 14:27:55	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28865	No
140	GOM_NL__2PRFIN20070907_143337_000000452061_00254_28865_3893.N1	07-SEP-2007 14:33:37	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28865	No
141	GOM_NL__2PRFIN20070907_144241_000000392061_00254_28865_3894.N1	07-SEP-2007 14:42:41	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28865	No
142	GOM_NL__2PRFIN20070907_144540_000000372061_00254_28865_3895.N1	07-SEP-2007 14:45:40	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28865	No
143	GOM_NL__2PRFIN20070907_145210_000000382061_00254_28865_3896.N1	07-SEP-2007 14:52:10	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28865	No
144	GOM_NL__2PRFIN20070907_150035_000000352061_00254_28865_3897.N1	07-SEP-2007 15:00:35	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28865	No
145	GOM_NL__2PRFIN20070907_150818_000000362061_00254_28865_3898.N1	07-SEP-2007 15:08:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28865	No
146	GOM_NL__2PRFIN20070907_152529_000000392061_00254_28865_3899.N1	07-SEP-2007 15:25:29	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	28865	No
147	GOM_NL__2PRFIN20070907_153330_000000542061_00254_28865_3900.N1	07-SEP-2007 15:33:30	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	28865	No
148	GOM_NL__2PRFIN20070907_154140_000000522061_00254_28865_3901.N1	07-SEP-2007 15:41:40	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	28865	No
149	GOM_NL__2PRFIN20070907_154415_000000452061_00254_28865_3902.N1	07-SEP-2007 15:44:15	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28865	No
150	GOM_NL__2PRFIN20070907_154538_000000442061_00254_28865_3903.N1	07-SEP-2007 15:45:38	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	28865	No
151	GOM_NL__2PRFIN20070907_154922_000000382061_00254_28865_3904.N1	07-SEP-2007 15:49:22	Dark	38.000	108	Alp Col	2.6520	15200.	76	28865	No
152	GOM_NL__2PRFIN20070907_155052_000000512061_00254_28865_3905.N1	07-SEP-2007 15:50:52	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	28865	No
153	GOM_NL__2PRFIN20070907_160116_000000402061_00255_28866_3903.N1	07-SEP-2007 16:01:16	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28866	No
154	GOM_NL__2PRFIN20070907_160237_000000452061_00255_28866_3904.N1	07-SEP-2007 16:02:37	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28866	No
155	GOM_NL__2PRFIN20070907_160831_000000442061_00255_28866_3905.N1	07-SEP-2007 16:08:31	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	28866	No
156	GOM_NL__2PRFIN20070907_161413_000000472061_00255_28866_3906.N1	07-SEP-2007 16:14:13	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28866	No
157	GOM_NL__2PRFIN20070907_162317_000000382061_00255_28866_3907.N1	07-SEP-2007 16:23:17	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28866	No
158	GOM_NL__2PRFIN20070907_162616_000000382061_00255_28866_3908.N1	07-SEP-2007 16:26:16	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28866	No
159	GOM_NL__2PRFIN20070907_163246_000000402061_00255_28866_3909.N1	07-SEP-2007 16:32:46	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28866	No
160	GOM_NL__2PRFIN20070907_164111_000000362061_00255_28866_3910.N1	07-SEP-2007 16:41:11	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28866	No

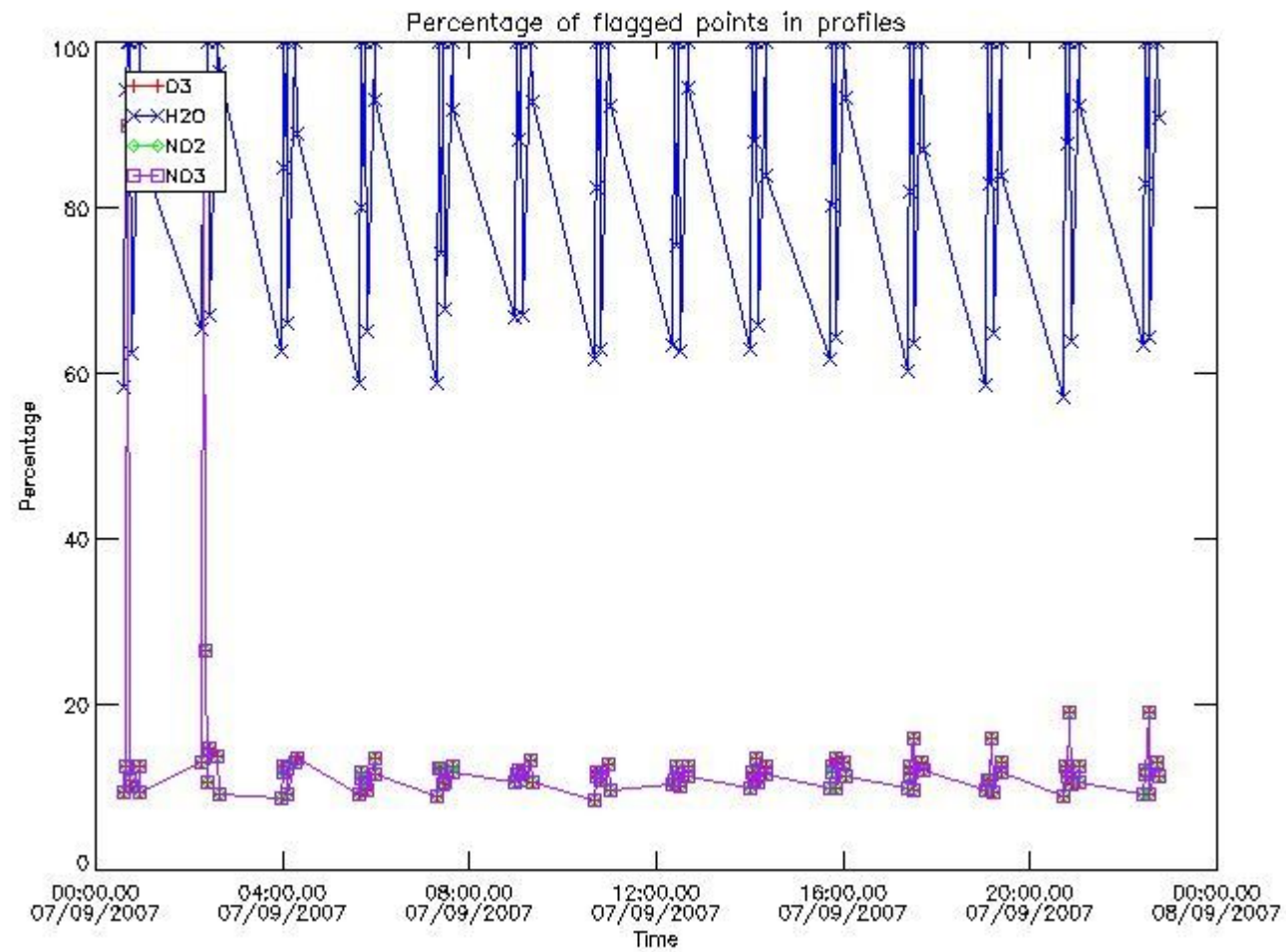
161	GOM_NL__2PRFIN20070907_164854_000000372061_00255_28866_3911.N1	07-SEP-2007 16:48:54	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28866	No
162	GOM_NL__2PRFIN20070907_170605_000000412061_00255_28866_3912.N1	07-SEP-2007 17:06:05	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28866	No
163	GOM_NL__2PRFIN20070907_171406_000000492061_00255_28866_3913.N1	07-SEP-2007 17:14:06	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28866	No
164	GOM_NL__2PRFIN20070907_172217_000000522061_00255_28866_3914.N1	07-SEP-2007 17:22:17	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28866	No
165	GOM_NL__2PRFIN20070907_172452_000000452061_00255_28866_3915.N1	07-SEP-2007 17:24:52	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28866	No
166	GOM_NL__2PRFIN20070907_172615_000000452061_00255_28866_3916.N1	07-SEP-2007 17:26:15	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28866	No
167	GOM_NL__2PRFIN20070907_173000_000000322061_00255_28866_3917.N1	07-SEP-2007 17:30:00	Dark	32.000	108	Alp Col	2.6520	15200.	64	28866	No
168	GOM_NL__2PRFIN20070907_173129_000000532061_00255_28866_3918.N1	07-SEP-2007 17:31:29	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	28866	No
169	GOM_NL__2PRFIN20070907_174152_000000392061_00256_28867_3934.N1	07-SEP-2007 17:41:52	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28867	No
170	GOM_NL__2PRFIN20070907_174314_000000432061_00256_28867_3935.N1	07-SEP-2007 17:43:14	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28867	No
171	GOM_NL__2PRFIN20070907_174908_000000542061_00256_28867_3936.N1	07-SEP-2007 17:49:08	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28867	No
172	GOM_NL__2PRFIN20070907_175449_000000452061_00256_28867_3937.N1	07-SEP-2007 17:54:49	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28867	No
173	GOM_NL__2PRFIN20070907_180353_000000392061_00256_28867_3938.N1	07-SEP-2007 18:03:53	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28867	No
174	GOM_NL__2PRFIN20070907_180652_000000372061_00256_28867_3939.N1	07-SEP-2007 18:06:52	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28867	No
175	GOM_NL__2PRFIN20070907_181322_000000412061_00256_28867_3940.N1	07-SEP-2007 18:13:22	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28867	No
176	GOM_NL__2PRFIN20070907_182147_000000372061_00256_28867_3941.N1	07-SEP-2007 18:21:47	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28867	No
177	GOM_NL__2PRFIN20070907_182930_000000372061_00256_28867_3942.N1	07-SEP-2007 18:29:30	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28867	No
178	GOM_NL__2PRFIN20070907_184641_000000412061_00256_28867_3943.N1	07-SEP-2007 18:46:41	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28867	No
179	GOM_NL__2PRFIN20070907_185443_000000482061_00256_28867_3944.N1	07-SEP-2007 18:54:43	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28867	No
180	GOM_NL__2PRFIN20070907_190253_000000542061_00256_28867_3945.N1	07-SEP-2007 19:02:53	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28867	No
181	GOM_NL__2PRFIN20070907_190528_000000472061_00256_28867_3946.N1	07-SEP-2007 19:05:28	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28867	No
182	GOM_NL__2PRFIN20070907_190651_000000482061_00256_28867_3947.N1	07-SEP-2007 19:06:51	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	28867	No
183	GOM_NL__2PRFIN20070907_191036_000000322061_00256_28867_3948.N1	07-SEP-2007 19:10:36	Dark	32.000	108	Alp Col	2.6520	15200.	64	28867	No
184	GOM_NL__2PRFIN20070907_191205_000000552061_00256_28867_3949.N1	07-SEP-2007 19:12:05	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28867	No
185	GOM_NL__2PRFIN20070907_192229_000000392061_00257_28868_3938.N1	07-SEP-2007 19:22:29	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28868	No
186	GOM_NL__2PRFIN20070907_192350_000000432061_00257_28868_3939.N1	07-SEP-2007 19:23:50	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28868	No
187	GOM_NL__2PRFIN20070907_192944_000000462061_00257_28868_3940.N1	07-SEP-2007 19:29:44	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28868	No
188	GOM_NL__2PRFIN20070907_193526_000000462061_00257_28868_3941.N1	07-SEP-2007 19:35:26	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28868	No
189	GOM_NL__2PRFIN20070907_194429_000000392061_00257_28868_3942.N1	07-SEP-2007 19:44:29	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28868	No
190	GOM_NL__2PRFIN20070907_194728_000000372061_00257_28868_3943.N1	07-SEP-2007 19:47:28	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28868	No
191	GOM_NL__2PRFIN20070907_195357_000000382061_00257_28868_3944.N1	07-SEP-2007 19:53:57	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	28868	No
192	GOM_NL__2PRFIN20070907_200223_000000372061_00257_28868_3945.N1	07-SEP-2007 20:02:23	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28868	No
193	GOM_NL__2PRFIN20070907_201006_000000372061_00257_28868_3946.N1	07-SEP-2007 20:10:06	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28868	No
194	GOM_NL__2PRFIN20070907_202718_000000402061_00257_28868_3947.N1	07-SEP-2007 20:27:18	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28868	No
195	GOM_NL__2PRFIN20070907_203519_000000532061_00257_28868_3948.N1	07-SEP-2007 20:35:19	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28868	No
196	GOM_NL__2PRFIN20070907_204330_000000572061_00257_28868_3949.N1	07-SEP-2007 20:43:30	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28868	No
197	GOM_NL__2PRFIN20070907_204605_000000452061_00257_28868_3950.N1	07-SEP-2007 20:46:05	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28868	No
198	GOM_NL__2PRFIN20070907_204728_000000452061_00257_28868_3951.N1	07-SEP-2007 20:47:28	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28868	No
199	GOM_NL__2PRFIN20070907_205113_000000272061_00257_28868_3952.N1	07-SEP-2007 20:51:13	Dark	27.000	108	Alp Col	2.6520	15200.	54	28868	No
200	GOM_NL__2PRFIN20070907_205241_000000552061_00257_28868_3953.N1	07-SEP-2007 20:52:41	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28868	No
201	GOM_NL__2PRFIN20070907_210305_000000412061_00258_28869_3967.N1	07-SEP-2007 21:03:05	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28869	No
202	GOM_NL__2PRFIN20070907_210427_000000532061_00258_28869_3968.N1	07-SEP-2007 21:04:27	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28869	No
203	GOM_NL__2PRFIN20070907_211020_000000502061_00258_28869_3969.N1	07-SEP-2007 21:10:20	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28869	No
204	GOM_NL__2PRFIN20070907_211602_000000452061_00258_28869_3970.N1	07-SEP-2007 21:16:02	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28869	No
205	GOM_NL__2PRFIN20070907_212505_000000392061_00258_28869_3971.N1	07-SEP-2007 21:25:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28869	No
206	GOM_NL__2PRFIN20070907_212804_000000372061_00258_28869_3972.N1	07-SEP-2007 21:28:04	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28869	No
207	GOM_NL__2PRFIN20070907_213433_000000402061_00258_28869_3973.N1	07-SEP-2007 21:34:33	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28869	No
208	GOM_NL__2PRFIN20070907_214259_000000372061_00258_28869_3974.N1	07-SEP-2007 21:42:59	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28869	No
209	GOM_NL__2PRFIN20070907_215042_000000372061_00258_28869_3975.N1	07-SEP-2007 21:50:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28869	No
210	GOM_NL__2PRFIN20070907_220754_000000392061_00258_28869_3976.N1	07-SEP-2007 22:07:54	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	28869	No
211	GOM_NL__2PRFIN20070907_221555_000000572061_00258_28869_3977.N1	07-SEP-2007 22:15:55	Twilight	56.500	8	10Alp CMi	0.40000	6500.0	113	28869	No
212	GOM_NL__2PRFIN20070907_222407_000000552061_00258_28869_3978.N1	07-SEP-2007 22:24:07	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28869	No
213	GOM_NL__2PRFIN20070907_222641_000000432061_00258_28869_3979.N1	07-SEP-2007 22:26:41	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28869	No
214	GOM_NL__2PRFIN20070907_222804_000000452061_00258_28869_3980.N1	07-SEP-2007 22:28:04	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28869	No
215	GOM_NL__2PRFIN20070907_223150_000000272061_00258_28869_3981.N1	07-SEP-2007 22:31:50	Dark	27.000	108	Alp Col	2.6520	15200.	54	28869	No
216	GOM_NL__2PRFIN20070907_223318_000000552061_00258_28869_3982.N1	07-SEP-2007 22:33:18	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28869	No
217	GOM_NL__2PRFIN20070907_224342_000000402061_00259_28870_3980.N1	07-SEP-2007 22:43:42	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28870	No
218	GOM_NL__2PRFIN20070907_224503_000000492061_00259_28870_3981.N1	07-SEP-2007 22:45:03	Dark	49.000	9	Alp Eri	0.45300	24000.	98	28870	No
219	GOM_NL__2PRFIN20070907_225057_000000482061_00259_28870_3982.N1	07-SEP-2007 22:50:57	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	28870	No

220	GOM_NL__2PRFIN20070907_225638_000000472061_00259_28870_3983.N1	07-SEP-2007 22:56:38	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28870	No
221	GOM_NL__2PRFIN20070907_230541_000000382061_00259_28870_3984.N1	07-SEP-2007 23:05:41	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28870	No
222	GOM_NL__2PRFIN20070907_230839_000000382061_00259_28870_3985.N1	07-SEP-2007 23:08:39	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28870	No
223	GOM_NL__2PRFIN20070907_231508_000000412061_00259_28870_3986.N1	07-SEP-2007 23:15:08	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28870	No
224	GOM_NL__2PRFIN20070907_232334_000000342061_00259_28870_3987.N1	07-SEP-2007 23:23:34	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28870	No
225	GOM_NL__2PRFIN20070907_233118_000000352061_00259_28870_3988.N1	07-SEP-2007 23:31:18	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28870	No
226	GOM_NL__2PRFIN20070907_234830_000000572061_00259_28870_3989.N1	07-SEP-2007 23:48:30	Bright	57.000	24	66Alp Gem	1.5800	10200.	114	28870	No
227	GOM_NL__2PRFIN20070907_235632_000000522061_00259_28870_3990.N1	07-SEP-2007 23:56:32	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	28870	No

3. Quality information per product

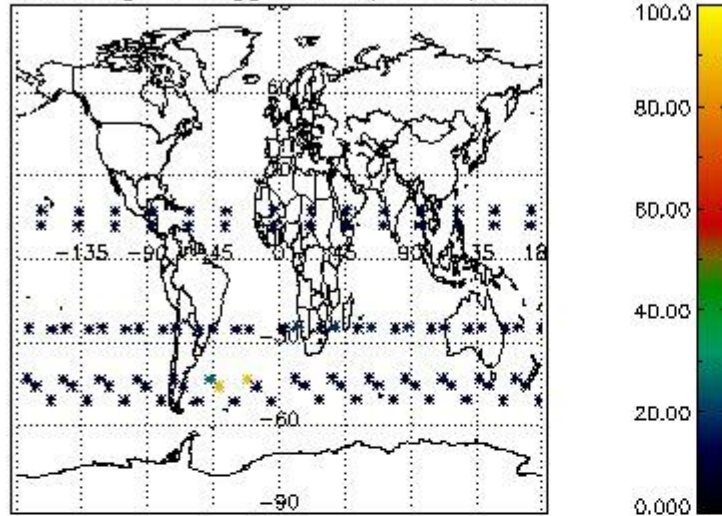
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

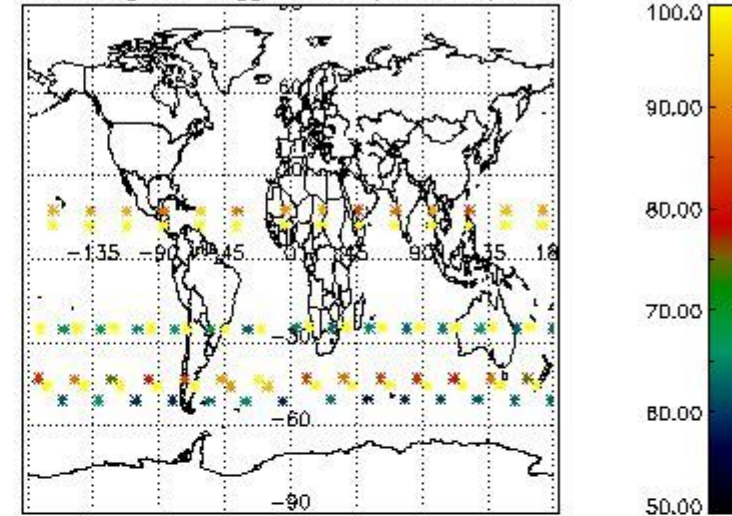


3.2 Plot quality information per product (world map)

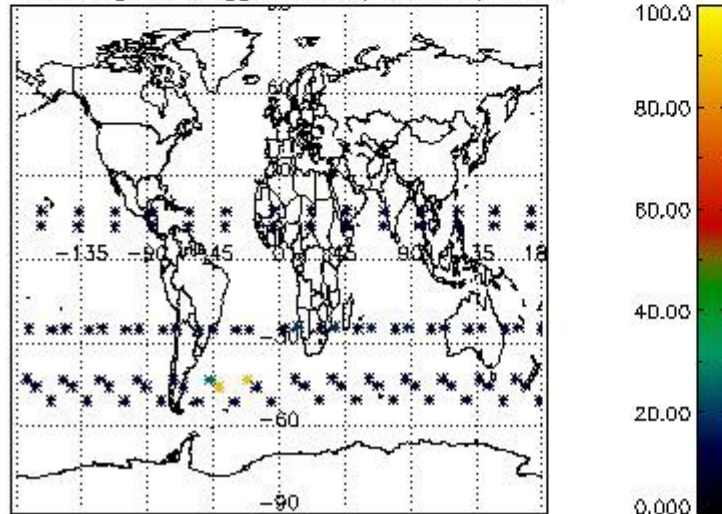
Percentage of flagged data per O3 profile



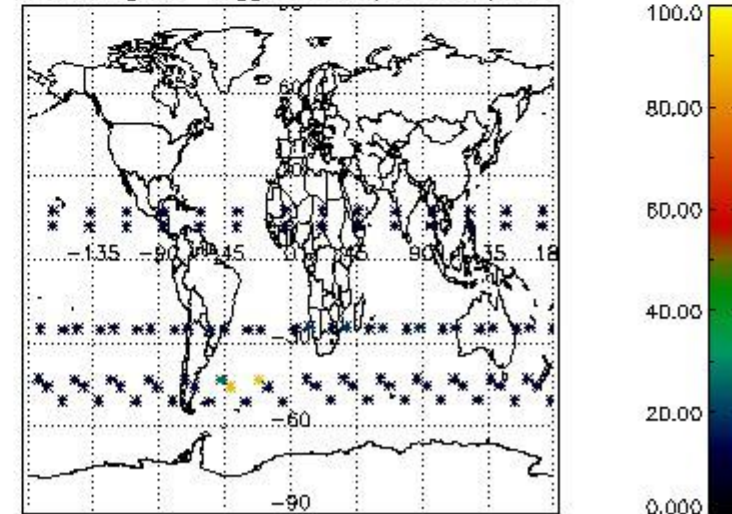
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

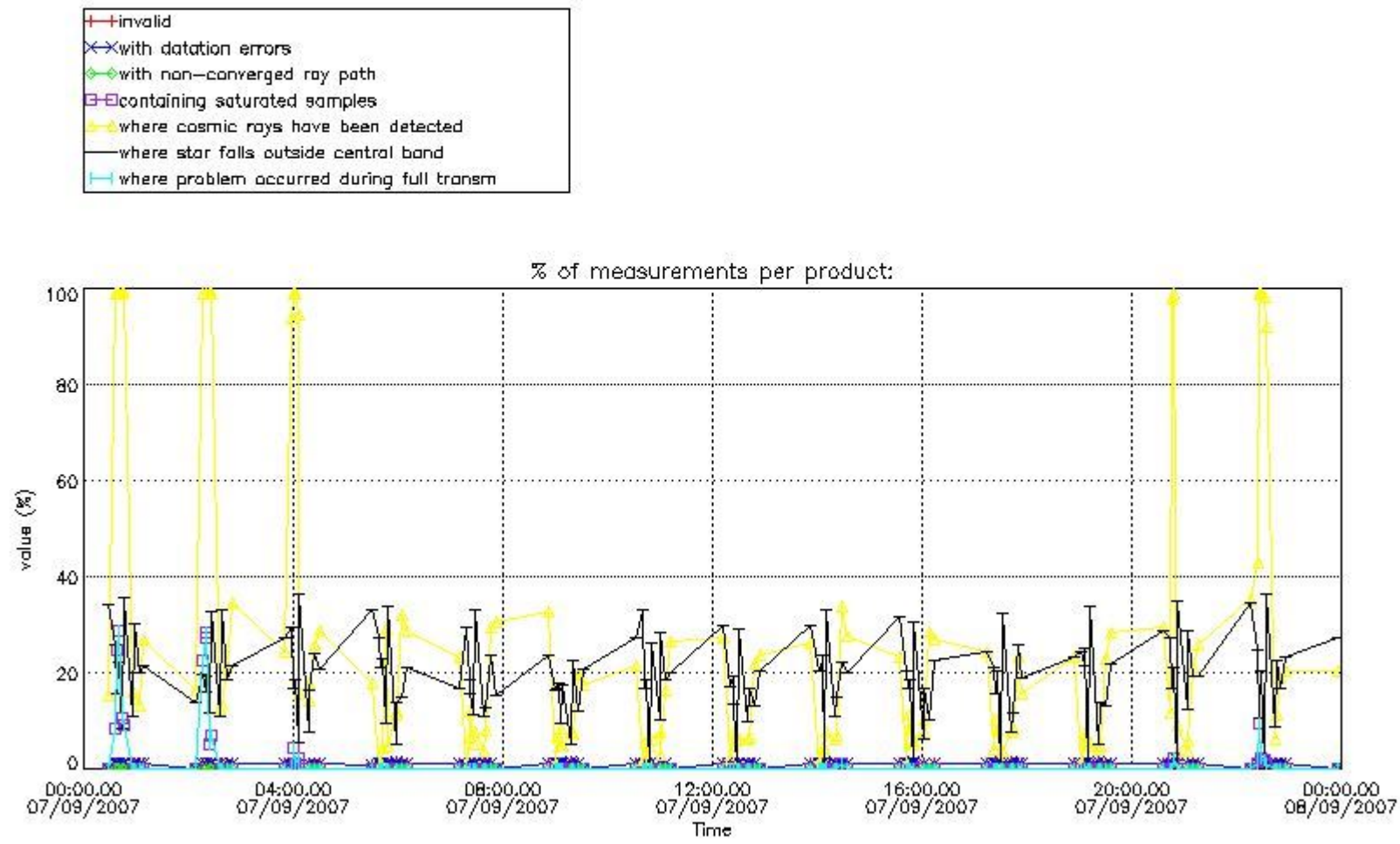


4. Level 1 quality information per product

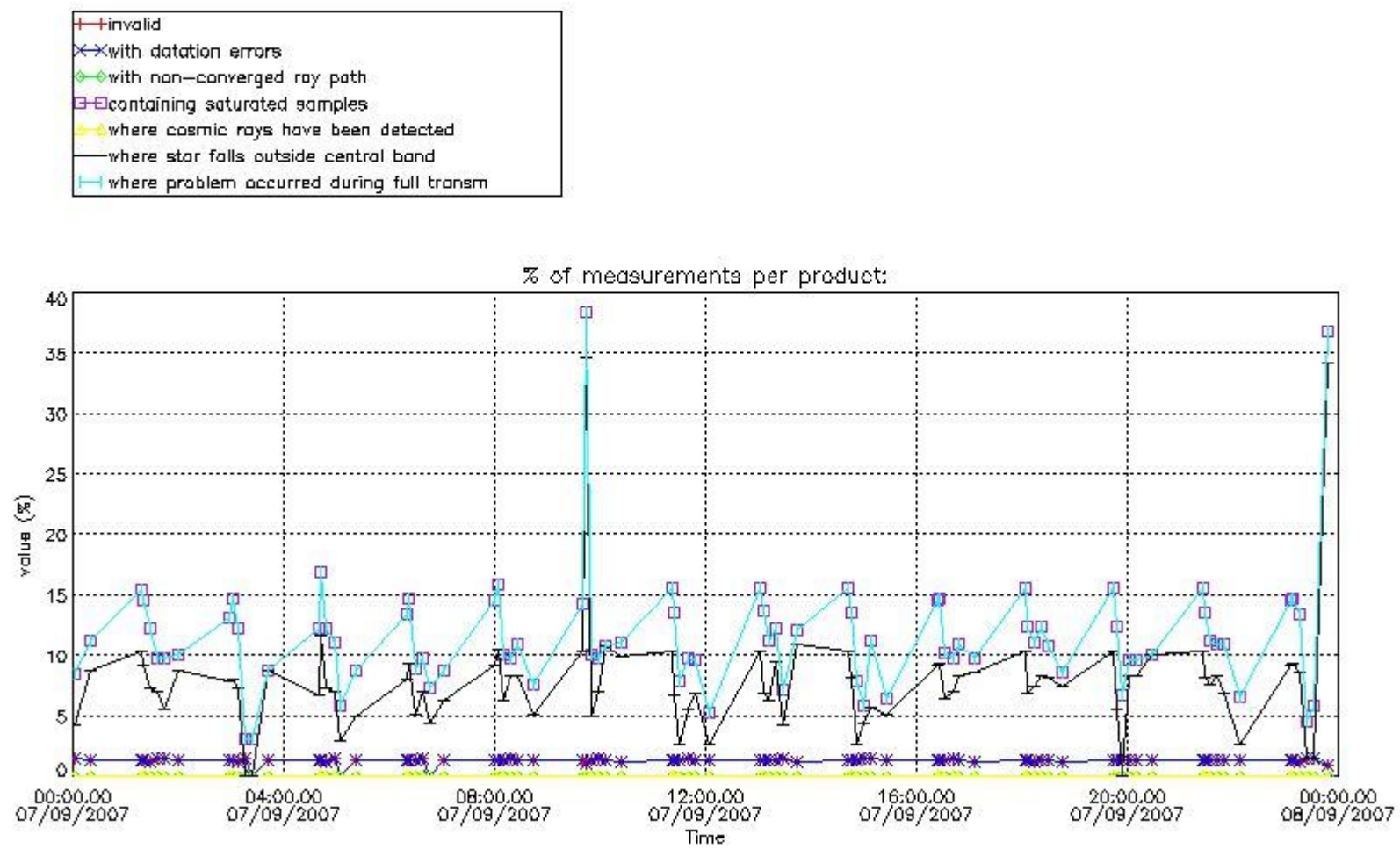
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



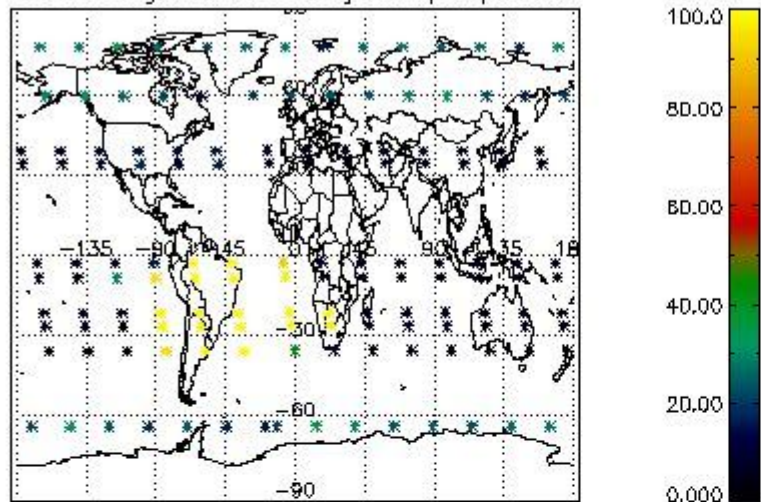
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



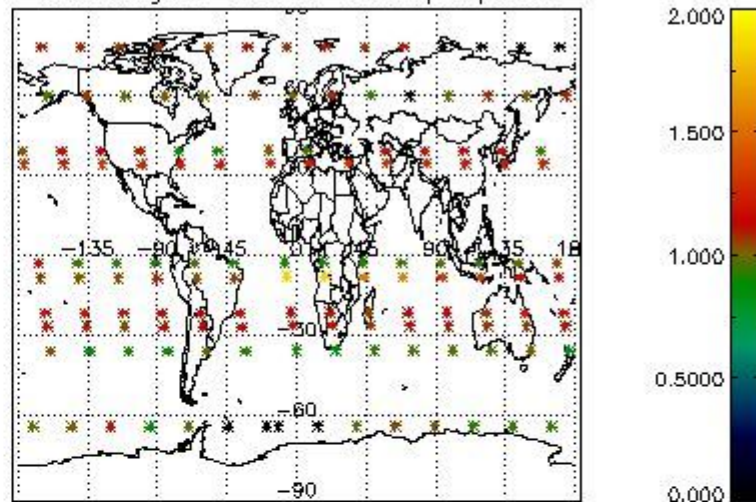
4.2 Plot quality information per product coming from level 1b processing (world map)

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

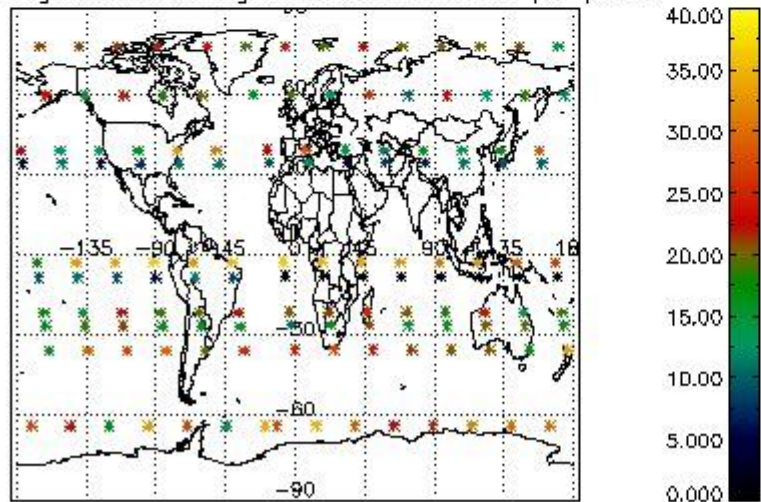
Percentage of cosmic ray hits per profile



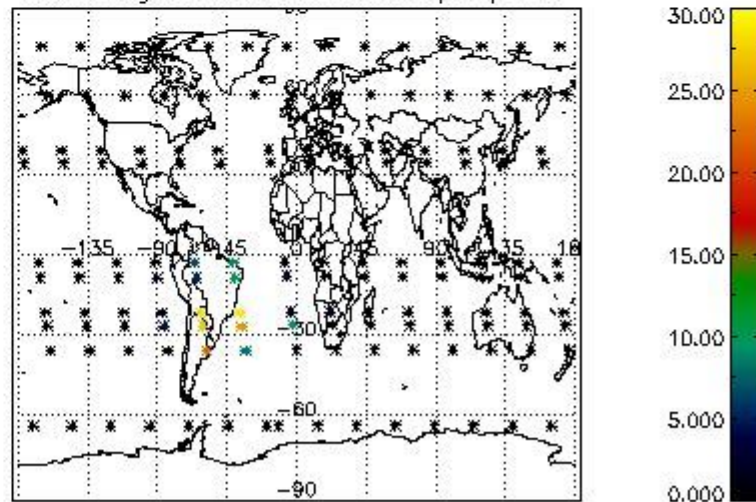
Percentage of datation errors per profile



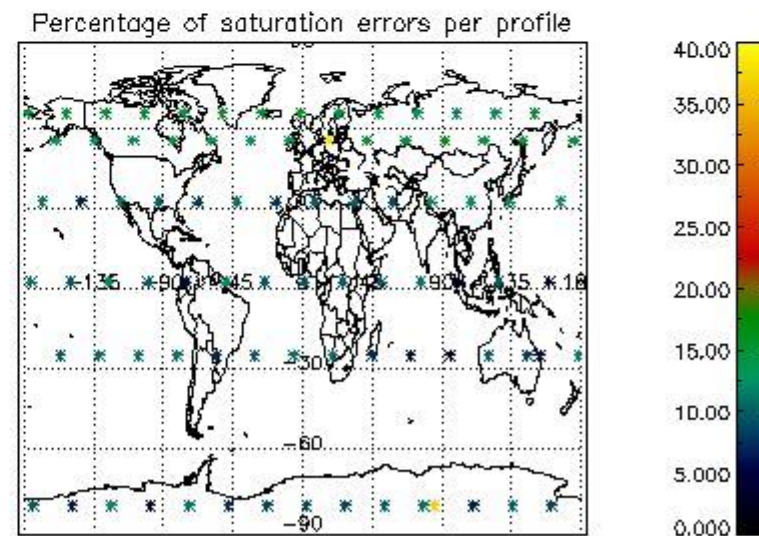
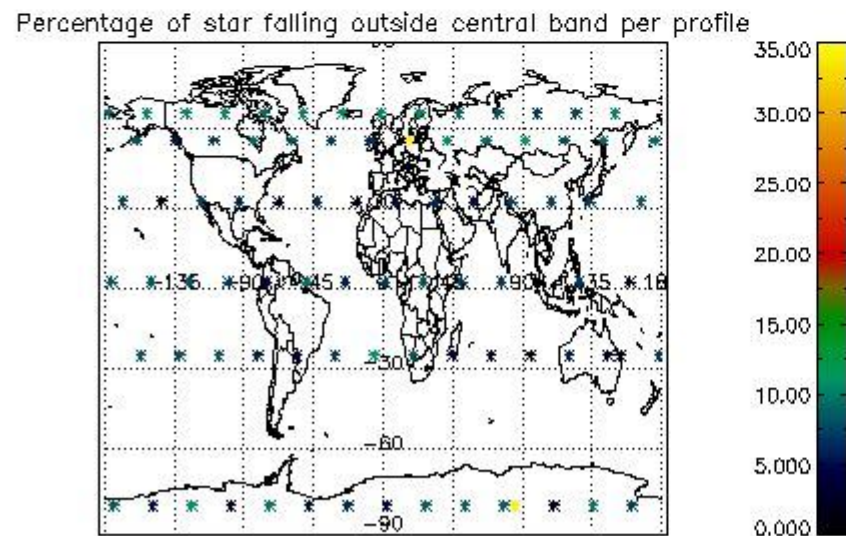
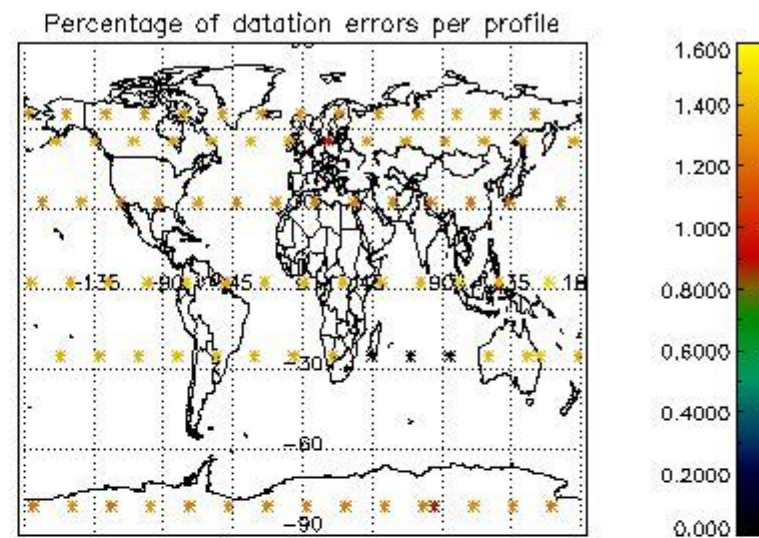
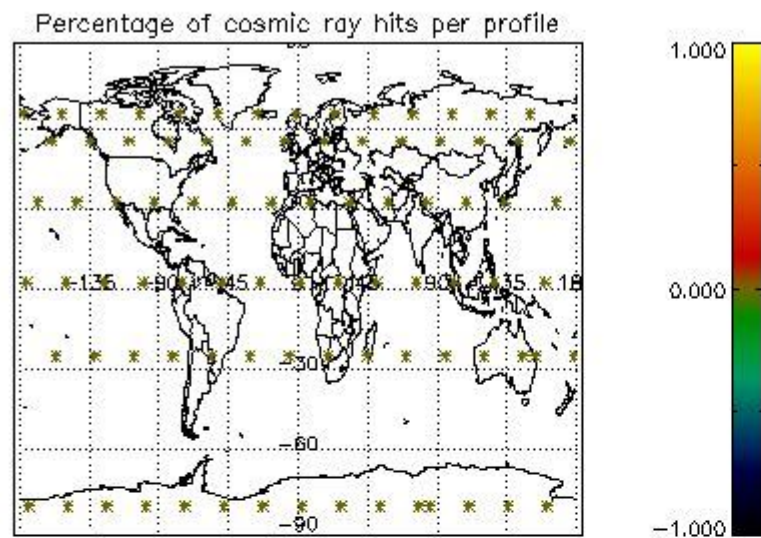
Percentage of star falling outside central band per profile



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

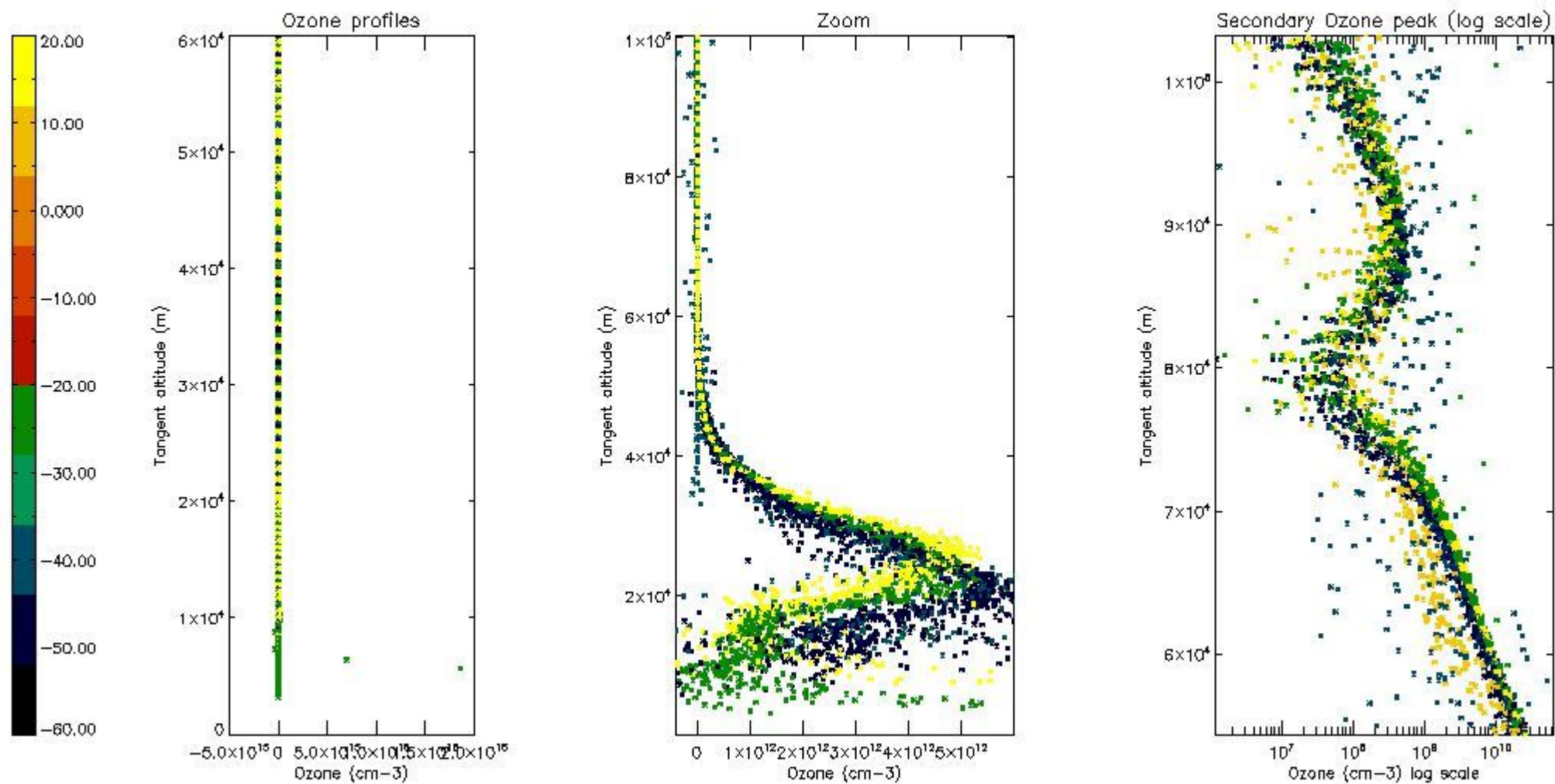
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	27

STD < 10	22
STD < 5	17

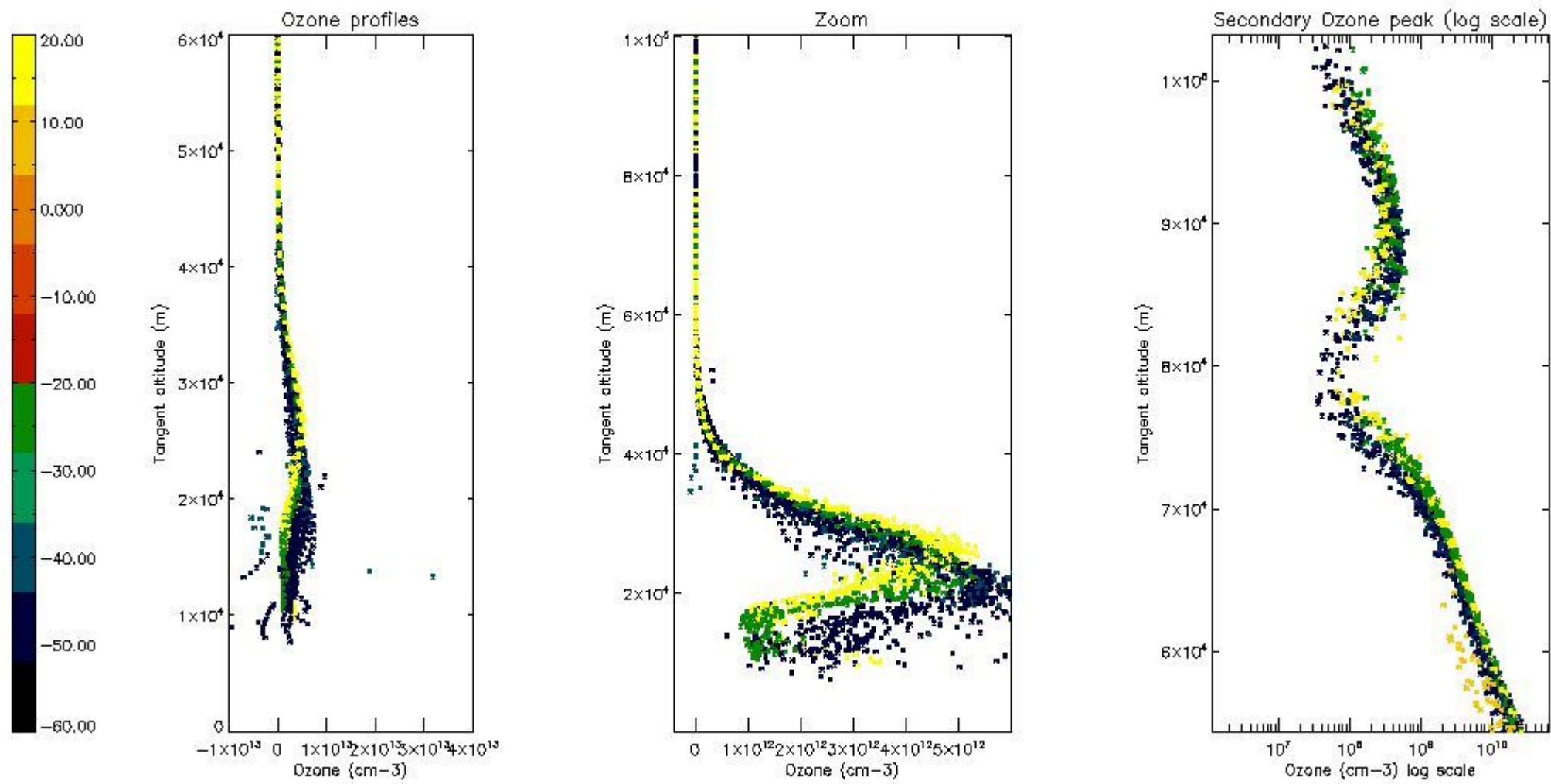
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



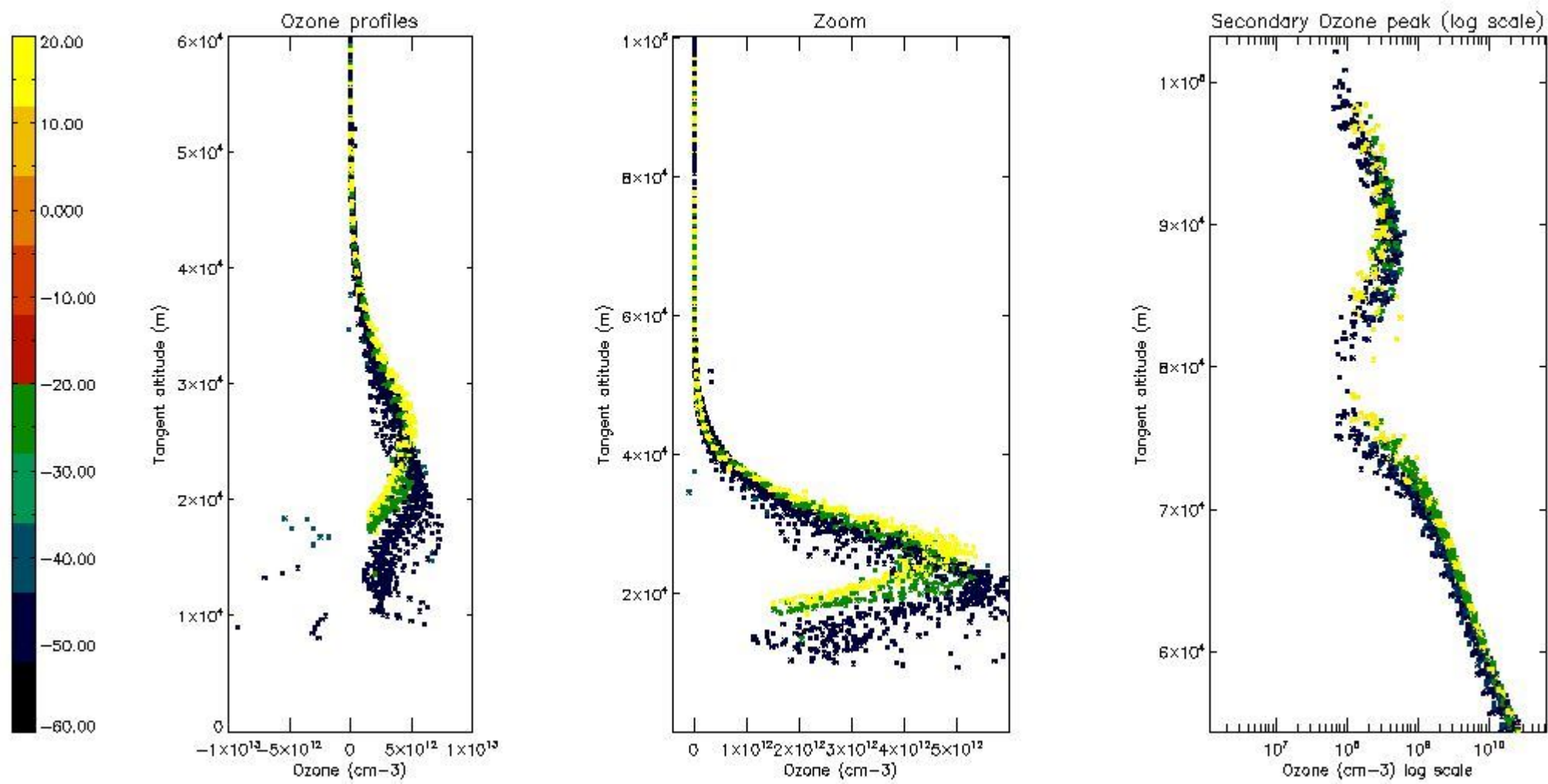
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



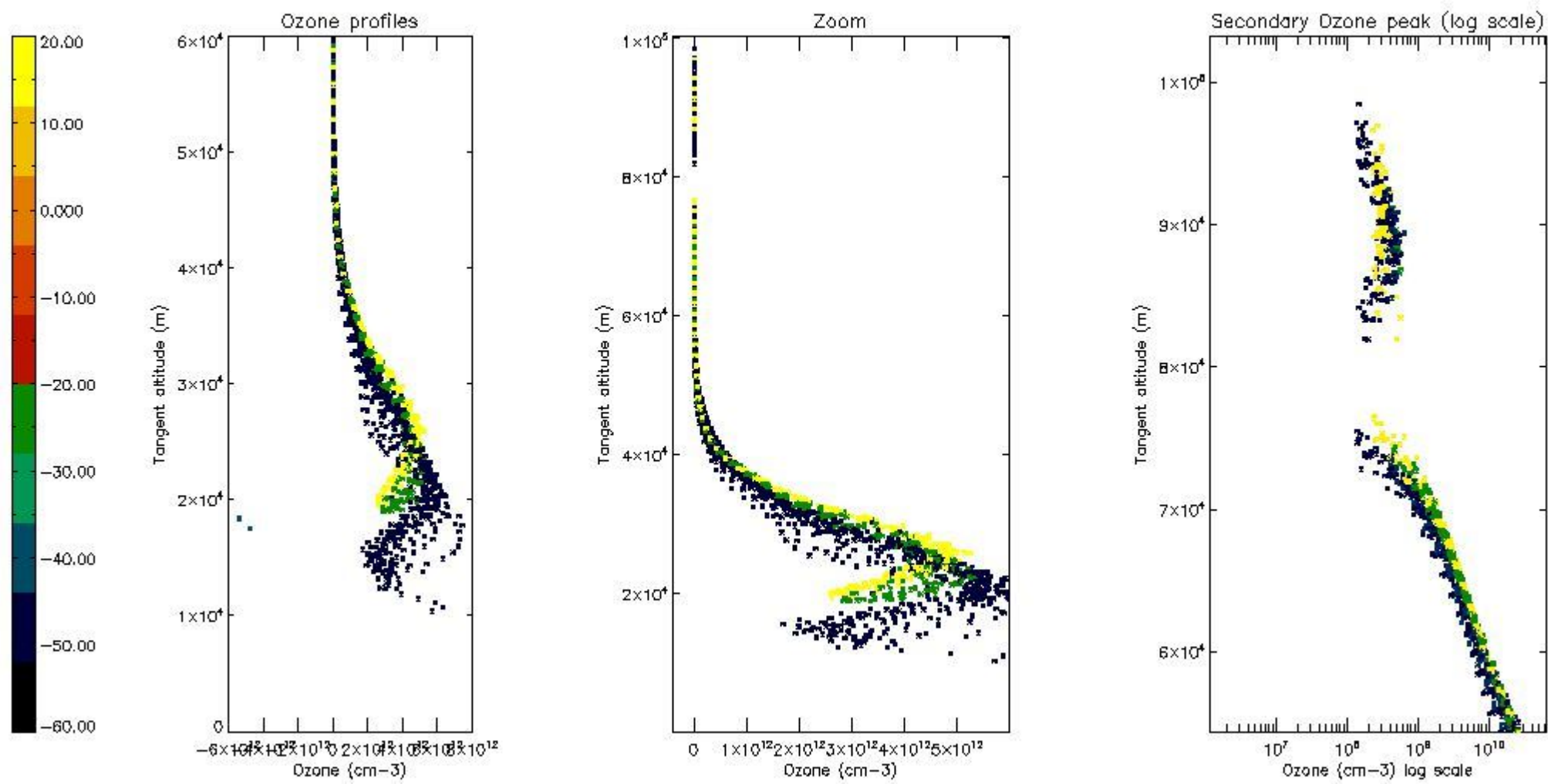
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



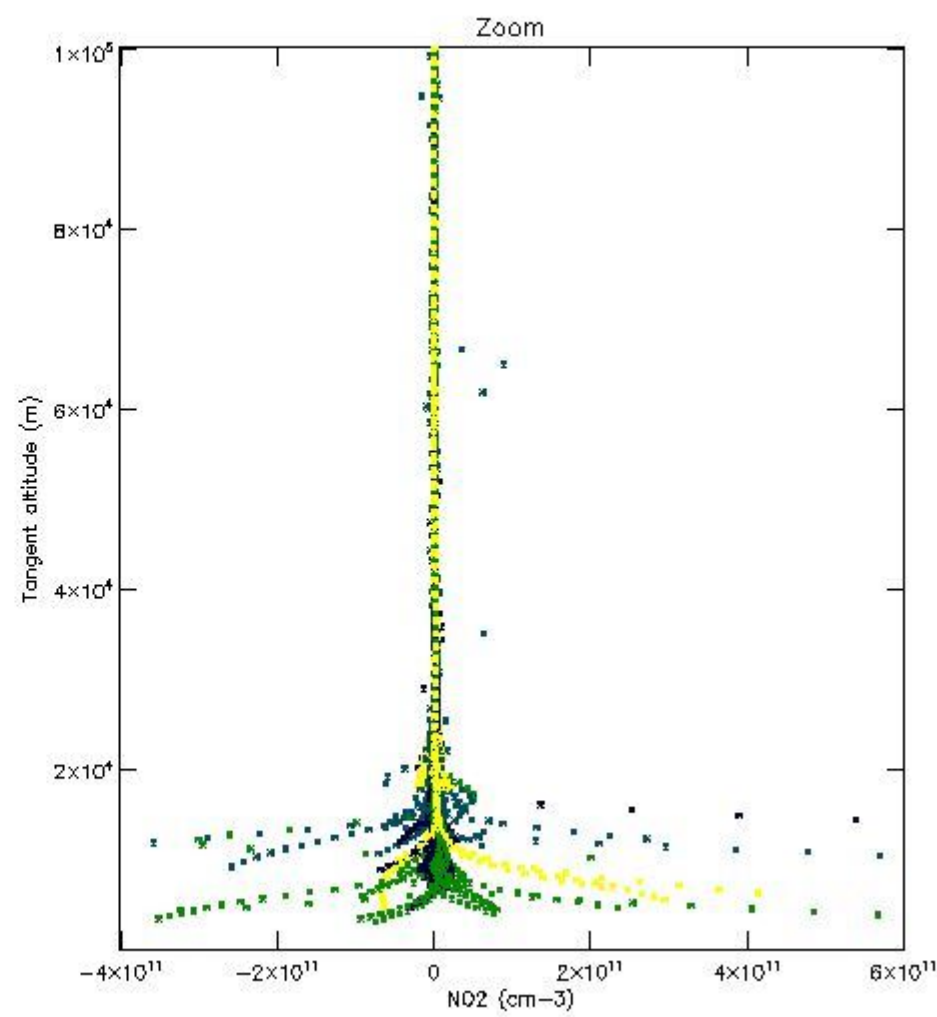
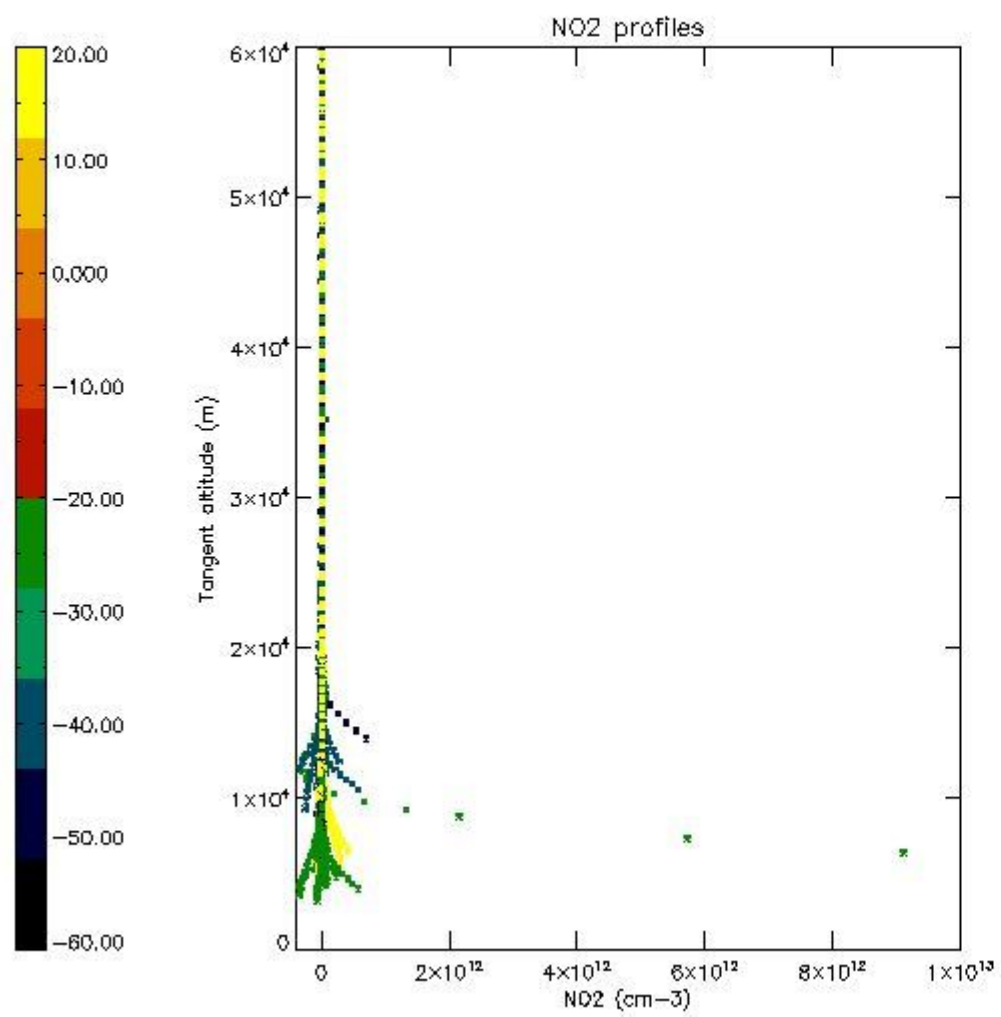
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



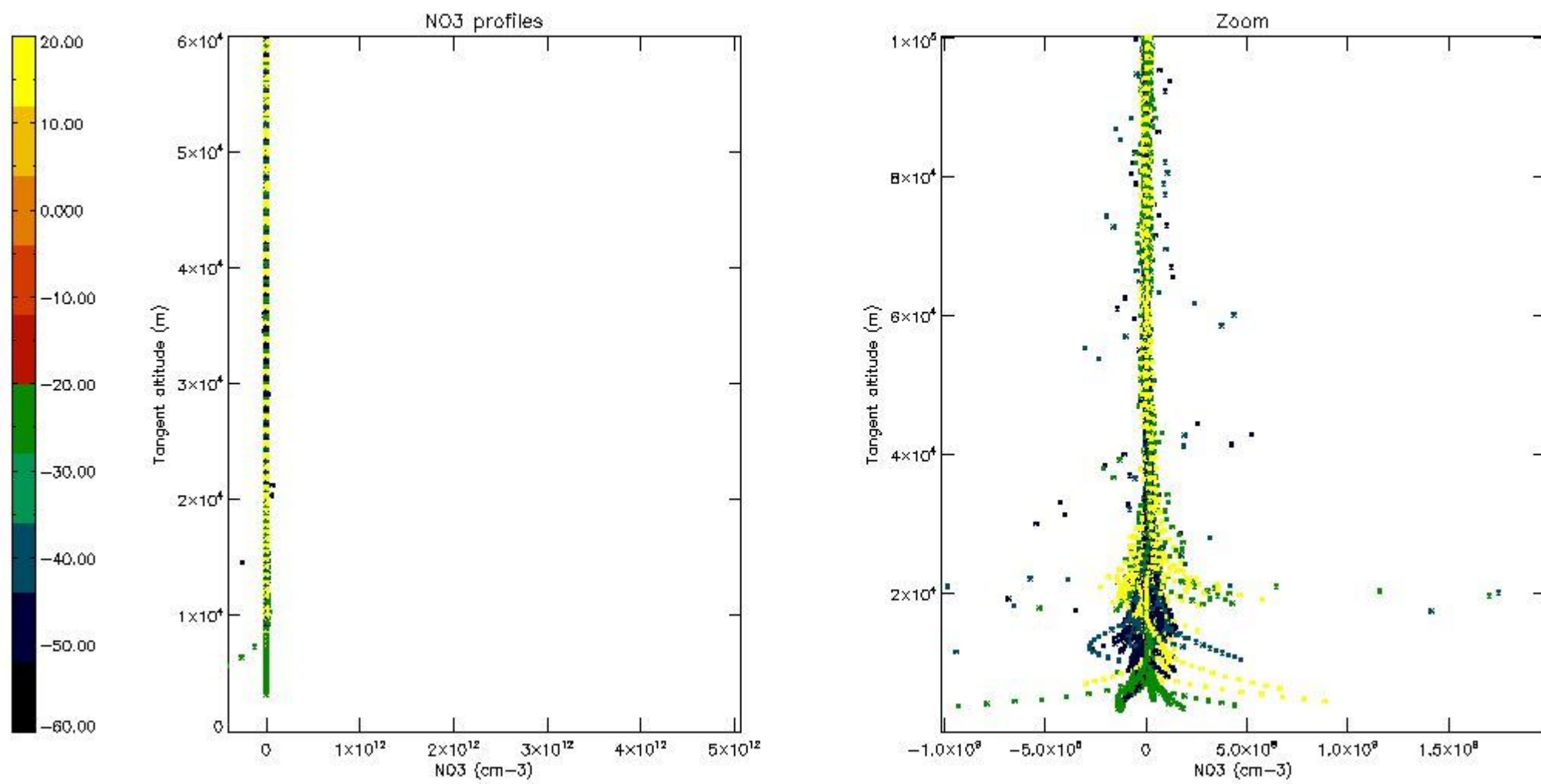
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



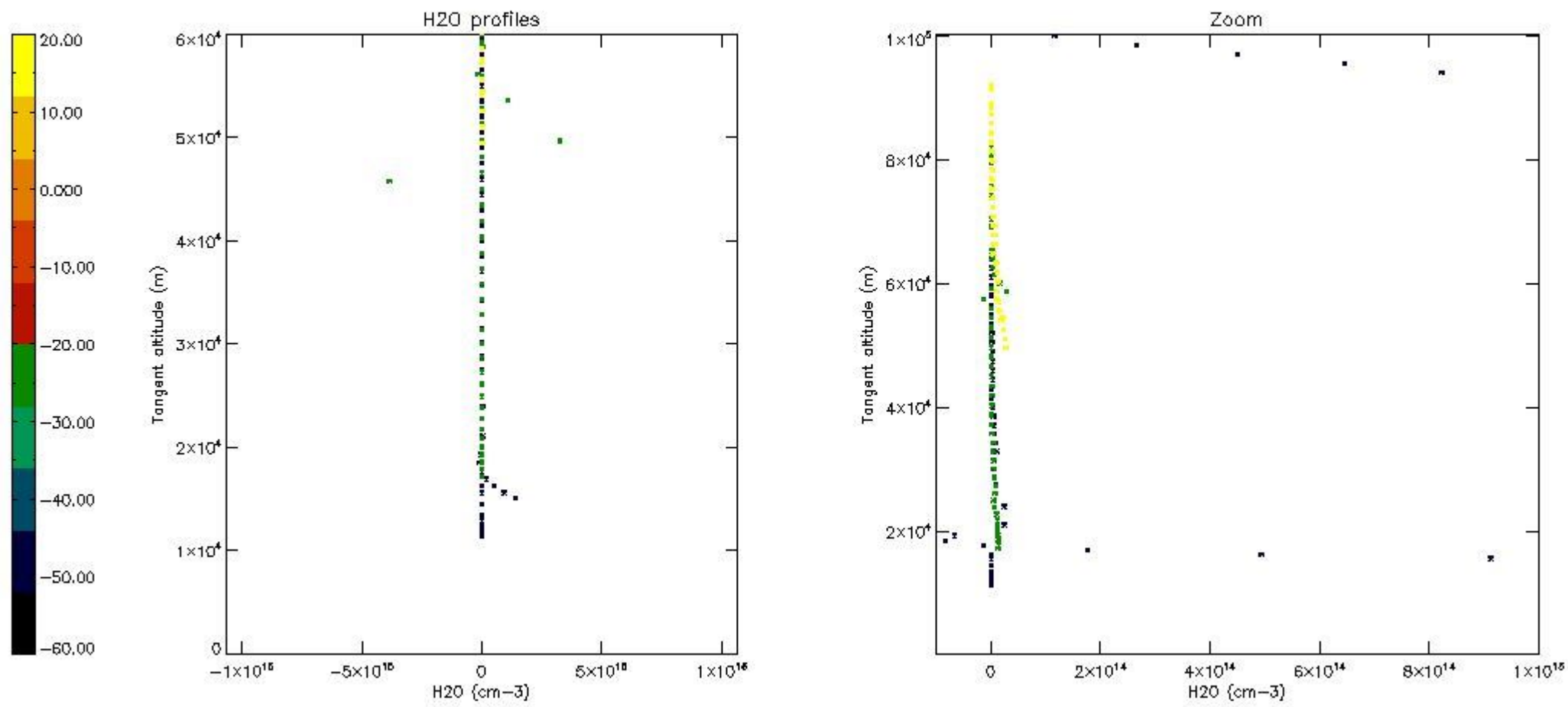
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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	07-SEP-2007 00:02:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-SEP-2007 00:02:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-SEP-2007 00:02:55

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	23APR2013 03:53:36
Data source version	GOMOS/6.01
Start time of products	07-09-2007 (07SEP2007 00:00:00)
Stop time of products	08-09-2007 (08SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
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__2PRFIN20070907_000255_000000362061_00245_28856_3729.N1	07-SEP-2007 00:02:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28856	No
2	GOM_NL__2PRFIN20070907_002005_000000402061_00245_28856_3730.N1	07-SEP-2007 00:20:05	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28856	No
3	GOM_NL__2PRFIN20070907_002803_000000562061_00245_28856_3731.N1	07-SEP-2007 00:28:03	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	28856	No
4	GOM_NL__2PRFIN20070907_003610_000000552061_00245_28856_3732.N1	07-SEP-2007 00:36:10	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	28856	No
5	GOM_NL__2PRFIN20070907_003846_000000452061_00245_28856_3733.N1	07-SEP-2007 00:38:46	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28856	No
6	GOM_NL__2PRFIN20070907_004010_000000452061_00245_28856_3734.N1	07-SEP-2007 00:40:10	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28856	No
7	GOM_NL__2PRFIN20070907_004350_000000472061_00245_28856_3735.N1	07-SEP-2007 00:43:50	Dark	47.000	108	Alp Col	2.6520	15200.	94	28856	No
8	GOM_NL__2PRFIN20070907_004524_000000552061_00245_28856_3736.N1	07-SEP-2007 00:45:24	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28856	No
9	GOM_NL__2PRFIN20070907_005548_000000412061_00246_28857_3759.N1	07-SEP-2007 00:55:48	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28857	No
10	GOM_NL__2PRFIN20070907_005709_000000552061_00246_28857_3760.N1	07-SEP-2007 00:57:09	Dark	54.500	9	Alp Eri	0.45300	24000.	109	28857	No
11	GOM_NL__2PRFIN20070907_010303_000000502061_00246_28857_3761.N1	07-SEP-2007 01:03:03	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28857	No
12	GOM_NL__2PRFIN20070907_010847_000000472061_00246_28857_3762.N1	07-SEP-2007 01:08:47	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28857	No
13	GOM_NL__2PRFIN20070907_011753_000000392061_00246_28857_3763.N1	07-SEP-2007 01:17:53	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28857	No
14	GOM_NL__2PRFIN20070907_012052_000000382061_00246_28857_3764.N1	07-SEP-2007 01:20:52	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28857	No
15	GOM_NL__2PRFIN20070907_012726_000000412061_00246_28857_3765.N1	07-SEP-2007 01:27:26	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28857	No
16	GOM_NL__2PRFIN20070907_013548_000000362061_00246_28857_3766.N1	07-SEP-2007 01:35:48	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28857	No
17	GOM_NL__2PRFIN20070907_014331_000000362061_00246_28857_3767.N1	07-SEP-2007 01:43:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28857	No
18	GOM_NL__2PRFIN20070907_020041_000000402061_00246_28857_3768.N1	07-SEP-2007 02:00:41	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28857	No
19	GOM_NL__2PRFIN20070907_020840_000000432061_00246_28857_3769.N1	07-SEP-2007 02:08:40	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	28857	No
20	GOM_NL__2PRFIN20070907_021646_000000512061_00246_28857_3770.N1	07-SEP-2007 02:16:46	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28857	No
21	GOM_NL__2PRFIN20070907_021922_000000442061_00246_28857_3771.N1	07-SEP-2007 02:19:22	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28857	No
22	GOM_NL__2PRFIN20070907_022047_000000442061_00246_28857_3772.N1	07-SEP-2007 02:20:47	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	28857	No
23	GOM_NL__2PRFIN20070907_022427_000000482061_00246_28857_3773.N1	07-SEP-2007 02:24:27	Dark	48.000	108	Alp Col	2.6520	15200.	96	28857	No
24	GOM_NL__2PRFIN20070907_022600_000000522061_00246_28857_3774.N1	07-SEP-2007 02:26:00	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28857	No
25	GOM_NL__2PRFIN20070907_023624_000000412061_00247_28858_3766.N1	07-SEP-2007 02:36:24	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28858	No
26	GOM_NL__2PRFIN20070907_023745_000000562061_00247_28858_3767.N1	07-SEP-2007 02:37:45	Dark	56.000	9	Alp Eri	0.45300	24000.	112	28858	No
27	GOM_NL__2PRFIN20070907_024339_000000492061_00247_28858_3768.N1	07-SEP-2007 02:43:39	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28858	No
28	GOM_NL__2PRFIN20070907_024924_000000472061_00247_28858_3769.N1	07-SEP-2007 02:49:24	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28858	No
29	GOM_NL__2PRFIN20070907_025829_000000382061_00247_28858_3770.N1	07-SEP-2007 02:58:29	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28858	No
30	GOM_NL__2PRFIN20070907_030128_000000382061_00247_28858_3771.N1	07-SEP-2007 03:01:28	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28858	No
31	GOM_NL__2PRFIN20070907_030801_000000412061_00247_28858_3772.N1	07-SEP-2007 03:08:01	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28858	No
32	GOM_NL__2PRFIN20070907_031624_000000332061_00247_28858_3773.N1	07-SEP-2007 03:16:24	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	28858	No
33	GOM_NL__2PRFIN20070907_032407_000000322061_00247_28858_3774.N1	07-SEP-2007 03:24:07	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28858	No
34	GOM_NL__2PRFIN20070907_034117_000000402061_00247_28858_3775.N1	07-SEP-2007 03:41:17	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28858	No
35	GOM_NL__2PRFIN20070907_034916_000000522061_00247_28858_3776.N1	07-SEP-2007 03:49:16	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	28858	No
36	GOM_NL__2PRFIN20070907_035723_000000582061_00247_28858_3777.N1	07-SEP-2007 03:57:23	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	28858	No
37	GOM_NL__2PRFIN20070907_035959_000000452061_00247_28858_3778.N1	07-SEP-2007 03:59:59	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28858	No
38	GOM_NL__2PRFIN20070907_040123_000000432061_00247_28858_3779.N1	07-SEP-2007 04:01:23	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28858	No
39	GOM_NL__2PRFIN20070907_040504_000000462061_00247_28858_3780.N1	07-SEP-2007 04:05:04	Dark	45.500	108	Alp Col	2.6520	15200.	91	28858	No
40	GOM_NL__2PRFIN20070907_040637_000000552061_00247_28858_3781.N1	07-SEP-2007 04:06:37	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28858	No
41	GOM_NL__2PRFIN20070907_041701_000000402061_00248_28859_3791.N1	07-SEP-2007 04:17:01	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28859	No
42	GOM_NL__2PRFIN20070907_041822_000000462061_00248_28859_3792.N1	07-SEP-2007 04:18:22	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28859	No

43	GOM_NL__2PRFIN20070907_042416_000000522061_00248_28859_3793.N1	07-SEP-2007 04:24:16	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	28859	No
44	GOM_NL__2PRFIN20070907_043000_000000462061_00248_28859_3794.N1	07-SEP-2007 04:30:00	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28859	No
45	GOM_NL__2PRFIN20070907_043905_000000372061_00248_28859_3795.N1	07-SEP-2007 04:39:05	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	28859	No
46	GOM_NL__2PRFIN20070907_044204_000000392061_00248_28859_3796.N1	07-SEP-2007 04:42:04	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28859	No
47	GOM_NL__2PRFIN20070907_044837_000000412061_00248_28859_3797.N1	07-SEP-2007 04:48:37	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28859	No
48	GOM_NL__2PRFIN20070907_045700_000000362061_00248_28859_3798.N1	07-SEP-2007 04:57:00	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28859	No
49	GOM_NL__2PRFIN20070907_050443_000000342061_00248_28859_3799.N1	07-SEP-2007 05:04:43	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28859	No
50	GOM_NL__2PRFIN20070907_052153_000000402061_00248_28859_3800.N1	07-SEP-2007 05:21:53	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28859	No
51	GOM_NL__2PRFIN20070907_052952_000000562061_00248_28859_3801.N1	07-SEP-2007 05:29:52	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	28859	No
52	GOM_NL__2PRFIN20070907_053800_000000552061_00248_28859_3802.N1	07-SEP-2007 05:38:00	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28859	No
53	GOM_NL__2PRFIN20070907_054036_000000482061_00248_28859_3803.N1	07-SEP-2007 05:40:36	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28859	No
54	GOM_NL__2PRFIN20070907_054200_000000462061_00248_28859_3804.N1	07-SEP-2007 05:42:00	Dark	45.500	117	Pi Pup	2.7060	3800.0	91	28859	No
55	GOM_NL__2PRFIN20070907_054541_000000482061_00248_28859_3805.N1	07-SEP-2007 05:45:41	Dark	48.000	108	Alp Col	2.6520	15200.	96	28859	No
56	GOM_NL__2PRFIN20070907_054713_000000542061_00248_28859_3806.N1	07-SEP-2007 05:47:13	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	28859	No
57	GOM_NL__2PRFIN20070907_055737_000000382061_00249_28860_3818.N1	07-SEP-2007 05:57:37	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28860	No
58	GOM_NL__2PRFIN20070907_055858_000000442061_00249_28860_3819.N1	07-SEP-2007 05:58:58	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28860	No
59	GOM_NL__2PRFIN20070907_060453_000000472061_00249_28860_3820.N1	07-SEP-2007 06:04:53	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28860	No
60	GOM_NL__2PRFIN20070907_061036_000000452061_00249_28860_3821.N1	07-SEP-2007 06:10:36	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28860	No
61	GOM_NL__2PRFIN20070907_061941_000000382061_00249_28860_3822.N1	07-SEP-2007 06:19:41	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	28860	No
62	GOM_NL__2PRFIN20070907_062240_000000382061_00249_28860_3823.N1	07-SEP-2007 06:22:40	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28860	No
63	GOM_NL__2PRFIN20070907_062913_000000402061_00249_28860_3824.N1	07-SEP-2007 06:29:13	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28860	No
64	GOM_NL__2PRFIN20070907_063736_000000362061_00249_28860_3825.N1	07-SEP-2007 06:37:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28860	No
65	GOM_NL__2PRFIN20070907_064519_000000352061_00249_28860_3826.N1	07-SEP-2007 06:45:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28860	No
66	GOM_NL__2PRFIN20070907_070229_000000402061_00249_28860_3827.N1	07-SEP-2007 07:02:29	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28860	No
67	GOM_NL__2PRFIN20070907_071029_000000452061_00249_28860_3828.N1	07-SEP-2007 07:10:29	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	28860	No
68	GOM_NL__2PRFIN20070907_071837_000000582061_00249_28860_3829.N1	07-SEP-2007 07:18:37	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28860	No
69	GOM_NL__2PRFIN20070907_072112_000000462061_00249_28860_3830.N1	07-SEP-2007 07:21:12	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28860	No
70	GOM_NL__2PRFIN20070907_072236_000000422061_00249_28860_3831.N1	07-SEP-2007 07:22:36	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28860	No
71	GOM_NL__2PRFIN20070907_072618_000000492061_00249_28860_3832.N1	07-SEP-2007 07:26:18	Dark	49.000	108	Alp Col	2.6520	15200.	98	28860	No
72	GOM_NL__2PRFIN20070907_072750_000000532061_00249_28860_3833.N1	07-SEP-2007 07:27:50	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28860	No
73	GOM_NL__2PRFIN20070907_073814_000000412061_00250_28861_3830.N1	07-SEP-2007 07:38:14	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28861	No
74	GOM_NL__2PRFIN20070907_073935_000000432061_00250_28861_3831.N1	07-SEP-2007 07:39:35	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28861	No
75	GOM_NL__2PRFIN20070907_074529_000000532061_00250_28861_3832.N1	07-SEP-2007 07:45:29	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	28861	No
76	GOM_NL__2PRFIN20070907_075113_000000432061_00250_28861_3833.N1	07-SEP-2007 07:51:13	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	28861	No
77	GOM_NL__2PRFIN20070907_080017_000000382061_00250_28861_3834.N1	07-SEP-2007 08:00:17	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28861	No
78	GOM_NL__2PRFIN20070907_080316_000000382061_00250_28861_3835.N1	07-SEP-2007 08:03:16	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28861	No
79	GOM_NL__2PRFIN20070907_080948_000000402061_00250_28861_3836.N1	07-SEP-2007 08:09:48	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28861	No
80	GOM_NL__2PRFIN20070907_081812_000000362061_00250_28861_3837.N1	07-SEP-2007 08:18:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28861	No
81	GOM_NL__2PRFIN20070907_082555_000000372061_00250_28861_3838.N1	07-SEP-2007 08:25:55	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28861	No
82	GOM_NL__2PRFIN20070907_084305_000000402061_00250_28861_3839.N1	07-SEP-2007 08:43:05	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28861	No
83	GOM_NL__2PRFIN20070907_085105_000000492061_00250_28861_3840.N1	07-SEP-2007 08:51:05	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28861	No
84	GOM_NL__2PRFIN20070907_085913_000000492061_00250_28861_3841.N1	07-SEP-2007 08:59:13	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28861	No
85	GOM_NL__2PRFIN20070907_090149_000000452061_00250_28861_3842.N1	07-SEP-2007 09:01:49	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28861	No
86	GOM_NL__2PRFIN20070907_090313_000000432061_00250_28861_3843.N1	07-SEP-2007 09:03:13	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28861	No
87	GOM_NL__2PRFIN20070907_090655_000000482061_00250_28861_3844.N1	07-SEP-2007 09:06:55	Dark	47.500	108	Alp Col	2.6520	15200.	95	28861	No
88	GOM_NL__2PRFIN20070907_090826_000000432061_00250_28861_3845.N1	07-SEP-2007 09:08:26	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	28861	No
89	GOM_NL__2PRFIN20070907_091850_000000392061_00251_28862_3843.N1	07-SEP-2007 09:18:50	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28862	No
90	GOM_NL__2PRFIN20070907_092011_000000492061_00251_28862_3844.N1	07-SEP-2007 09:20:11	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28862	No
91	GOM_NL__2PRFIN20070907_092605_000000462061_00251_28862_3845.N1	07-SEP-2007 09:26:05	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	28862	No
92	GOM_NL__2PRFIN20070907_093149_000000462061_00251_28862_3846.N1	07-SEP-2007 09:31:49	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28862	No
93	GOM_NL__2PRFIN20070907_094053_000000392061_00251_28862_3847.N1	07-SEP-2007 09:40:53	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28862	No
94	GOM_NL__2PRFIN20070907_094352_000000522061_00251_28862_3848.N1	07-SEP-2007 09:43:52	Bright	52.000	61	8Eps Peg	2.1000	3900.0	104	28862	No
95	GOM_NL__2PRFIN20070907_095024_000000402061_00251_28862_3849.N1	07-SEP-2007 09:50:24	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28862	No
96	GOM_NL__2PRFIN20070907_095847_000000362061_00251_28862_3850.N1	07-SEP-2007 09:58:47	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28862	No
97	GOM_NL__2PRFIN20070907_100630_000000372061_00251_28862_3851.N1	07-SEP-2007 10:06:30	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28862	No
98	GOM_NL__2PRFIN20070907_102341_000000412061_00251_28862_3852.N1	07-SEP-2007 10:23:41	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28862	No
99	GOM_NL__2PRFIN20070907_103141_000000512061_00251_28862_3853.N1	07-SEP-2007 10:31:41	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	28862	No
100	GOM_NL__2PRFIN20070907_103950_000000612061_00251_28862_3854.N1	07-SEP-2007 10:39:50	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	28862	No
101	GOM_NL__2PRFIN20070907_104225_000000452061_00251_28862_3855.N1	07-SEP-2007 10:42:25	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28862	No

102	GOM_NL__2PRFIN20070907_104349_000000432061_00251_28862_3856.N1	07-SEP-2007 10:43:49	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28862	No
103	GOM_NL__2PRFIN20070907_104732_000000432061_00251_28862_3857.N1	07-SEP-2007 10:47:32	Dark	43.000	108	Alp Col	2.6520	15200.	86	28862	No
104	GOM_NL__2PRFIN20070907_104903_000000482061_00251_28862_3858.N1	07-SEP-2007 10:49:03	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	28862	No
105	GOM_NL__2PRFIN20070907_105927_000000402061_00252_28863_3859.N1	07-SEP-2007 10:59:27	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28863	No
106	GOM_NL__2PRFIN20070907_110048_000000532061_00252_28863_3860.N1	07-SEP-2007 11:00:48	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28863	No
107	GOM_NL__2PRFIN20070907_110642_000000492061_00252_28863_3861.N1	07-SEP-2007 11:06:42	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28863	No
108	GOM_NL__2PRFIN20070907_111225_000000452061_00252_28863_3862.N1	07-SEP-2007 11:12:25	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28863	No
109	GOM_NL__2PRFIN20070907_112129_000000392061_00252_28863_3863.N1	07-SEP-2007 11:21:29	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28863	No
110	GOM_NL__2PRFIN20070907_112428_000000372061_00252_28863_3864.N1	07-SEP-2007 11:24:28	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28863	No
111	GOM_NL__2PRFIN20070907_113059_000000392061_00252_28863_3865.N1	07-SEP-2007 11:30:59	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	28863	No
112	GOM_NL__2PRFIN20070907_113923_000000362061_00252_28863_3866.N1	07-SEP-2007 11:39:23	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28863	No
113	GOM_NL__2PRFIN20070907_114706_000000372061_00252_28863_3867.N1	07-SEP-2007 11:47:06	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28863	No
114	GOM_NL__2PRFIN20070907_120417_000000382061_00252_28863_3868.N1	07-SEP-2007 12:04:17	Bright	38.000	24	66Alp Gem	1.5800	10200.	76	28863	No
115	GOM_NL__2PRFIN20070907_121218_000000542061_00252_28863_3869.N1	07-SEP-2007 12:12:18	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28863	No
116	GOM_NL__2PRFIN20070907_122027_000000502061_00252_28863_3870.N1	07-SEP-2007 12:20:27	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28863	No
117	GOM_NL__2PRFIN20070907_122302_000000472061_00252_28863_3871.N1	07-SEP-2007 12:23:02	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28863	No
118	GOM_NL__2PRFIN20070907_122426_000000412061_00252_28863_3872.N1	07-SEP-2007 12:24:26	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28863	No
119	GOM_NL__2PRFIN20070907_122809_000000432061_00252_28863_3873.N1	07-SEP-2007 12:28:09	Dark	43.000	108	Alp Col	2.6520	15200.	86	28863	No
120	GOM_NL__2PRFIN20070907_122939_000000502061_00252_28863_3874.N1	07-SEP-2007 12:29:39	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	28863	No
121	GOM_NL__2PRFIN20070907_124003_000000412061_00253_28864_3878.N1	07-SEP-2007 12:40:03	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28864	No
122	GOM_NL__2PRFIN20070907_124124_000000452061_00253_28864_3879.N1	07-SEP-2007 12:41:24	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28864	No
123	GOM_NL__2PRFIN20070907_124718_000000462061_00253_28864_3880.N1	07-SEP-2007 12:47:18	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28864	No
124	GOM_NL__2PRFIN20070907_125301_000000452061_00253_28864_3881.N1	07-SEP-2007 12:53:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28864	No
125	GOM_NL__2PRFIN20070907_130205_000000392061_00253_28864_3882.N1	07-SEP-2007 13:02:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28864	No
126	GOM_NL__2PRFIN20070907_130504_000000372061_00253_28864_3883.N1	07-SEP-2007 13:05:04	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28864	No
127	GOM_NL__2PRFIN20070907_131135_000000402061_00253_28864_3884.N1	07-SEP-2007 13:11:35	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28864	No
128	GOM_NL__2PRFIN20070907_131959_000000372061_00253_28864_3885.N1	07-SEP-2007 13:19:59	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28864	No
129	GOM_NL__2PRFIN20070907_132742_000000352061_00253_28864_3886.N1	07-SEP-2007 13:27:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28864	No
130	GOM_NL__2PRFIN20070907_134453_000000422061_00253_28864_3887.N1	07-SEP-2007 13:44:53	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28864	No
131	GOM_NL__2PRFIN20070907_135254_000000542061_00253_28864_3888.N1	07-SEP-2007 13:52:54	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	28864	No
132	GOM_NL__2PRFIN20070907_140103_000000522061_00253_28864_3889.N1	07-SEP-2007 14:01:03	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	28864	No
133	GOM_NL__2PRFIN20070907_140338_000000472061_00253_28864_3890.N1	07-SEP-2007 14:03:38	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28864	No
134	GOM_NL__2PRFIN20070907_140502_000000472061_00253_28864_3891.N1	07-SEP-2007 14:05:02	Dark	46.500	117	Pi Pup	2.7060	3800.0	93	28864	No
135	GOM_NL__2PRFIN20070907_140845_000000382061_00253_28864_3892.N1	07-SEP-2007 14:08:45	Dark	38.000	108	Alp Col	2.6520	15200.	76	28864	No
136	GOM_NL__2PRFIN20070907_141016_000000532061_00253_28864_3893.N1	07-SEP-2007 14:10:16	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28864	No
137	GOM_NL__2PRFIN20070907_142039_000000412061_00254_28865_3890.N1	07-SEP-2007 14:20:39	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28865	No
138	GOM_NL__2PRFIN20070907_142201_000000442061_00254_28865_3891.N1	07-SEP-2007 14:22:01	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28865	No
139	GOM_NL__2PRFIN20070907_142755_000000522061_00254_28865_3892.N1	07-SEP-2007 14:27:55	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28865	No
140	GOM_NL__2PRFIN20070907_143337_000000452061_00254_28865_3893.N1	07-SEP-2007 14:33:37	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28865	No
141	GOM_NL__2PRFIN20070907_144241_000000392061_00254_28865_3894.N1	07-SEP-2007 14:42:41	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28865	No
142	GOM_NL__2PRFIN20070907_144540_000000372061_00254_28865_3895.N1	07-SEP-2007 14:45:40	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28865	No
143	GOM_NL__2PRFIN20070907_145210_000000382061_00254_28865_3896.N1	07-SEP-2007 14:52:10	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28865	No
144	GOM_NL__2PRFIN20070907_150035_000000352061_00254_28865_3897.N1	07-SEP-2007 15:00:35	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28865	No
145	GOM_NL__2PRFIN20070907_150818_000000362061_00254_28865_3898.N1	07-SEP-2007 15:08:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28865	No
146	GOM_NL__2PRFIN20070907_152529_000000392061_00254_28865_3899.N1	07-SEP-2007 15:25:29	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	28865	No
147	GOM_NL__2PRFIN20070907_153330_000000542061_00254_28865_3900.N1	07-SEP-2007 15:33:30	Twilight	54.000	8	10Alp CMi	0.40000	6500.0	108	28865	No
148	GOM_NL__2PRFIN20070907_154140_000000522061_00254_28865_3901.N1	07-SEP-2007 15:41:40	Dark	51.500	1	9Alp CMa	-1.4400	11000.	103	28865	No
149	GOM_NL__2PRFIN20070907_154415_000000452061_00254_28865_3902.N1	07-SEP-2007 15:44:15	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28865	No
150	GOM_NL__2PRFIN20070907_154538_000000442061_00254_28865_3903.N1	07-SEP-2007 15:45:38	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	28865	No
151	GOM_NL__2PRFIN20070907_154922_000000382061_00254_28865_3904.N1	07-SEP-2007 15:49:22	Dark	38.000	108	Alp Col	2.6520	15200.	76	28865	No
152	GOM_NL__2PRFIN20070907_155052_000000512061_00254_28865_3905.N1	07-SEP-2007 15:50:52	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	28865	No
153	GOM_NL__2PRFIN20070907_160116_000000402061_00255_28866_3903.N1	07-SEP-2007 16:01:16	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28866	No
154	GOM_NL__2PRFIN20070907_160237_000000452061_00255_28866_3904.N1	07-SEP-2007 16:02:37	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28866	No
155	GOM_NL__2PRFIN20070907_160831_000000442061_00255_28866_3905.N1	07-SEP-2007 16:08:31	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	28866	No
156	GOM_NL__2PRFIN20070907_161413_000000472061_00255_28866_3906.N1	07-SEP-2007 16:14:13	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28866	No
157	GOM_NL__2PRFIN20070907_162317_000000382061_00255_28866_3907.N1	07-SEP-2007 16:23:17	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28866	No
158	GOM_NL__2PRFIN20070907_162616_000000382061_00255_28866_3908.N1	07-SEP-2007 16:26:16	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28866	No
159	GOM_NL__2PRFIN20070907_163246_000000402061_00255_28866_3909.N1	07-SEP-2007 16:32:46	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28866	No
160	GOM_NL__2PRFIN20070907_164111_000000362061_00255_28866_3910.N1	07-SEP-2007 16:41:11	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28866	No

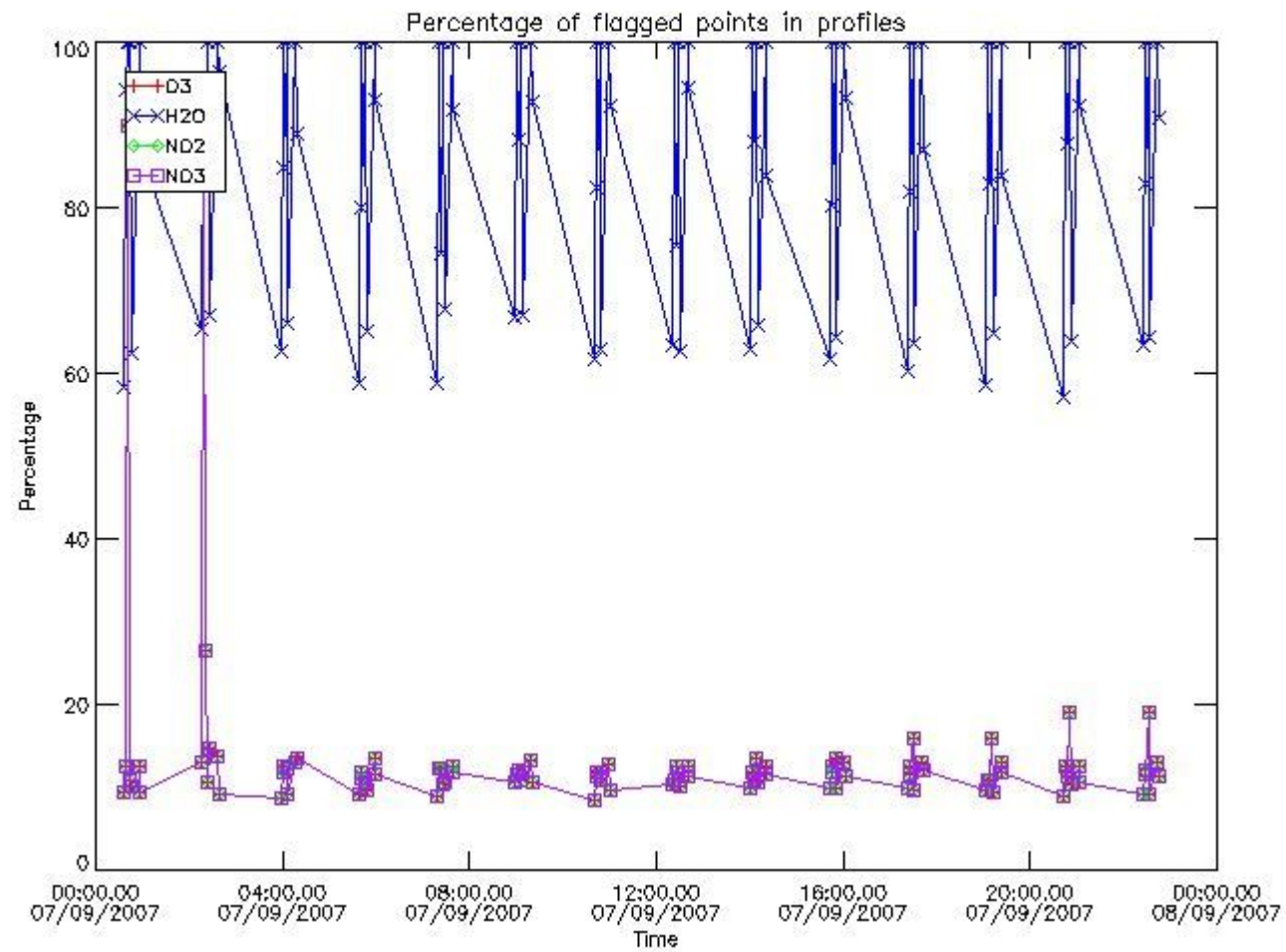
161	GOM_NL__2PRFIN20070907_164854_000000372061_00255_28866_3911.N1	07-SEP-2007 16:48:54	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28866	No
162	GOM_NL__2PRFIN20070907_170605_000000412061_00255_28866_3912.N1	07-SEP-2007 17:06:05	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28866	No
163	GOM_NL__2PRFIN20070907_171406_000000492061_00255_28866_3913.N1	07-SEP-2007 17:14:06	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	28866	No
164	GOM_NL__2PRFIN20070907_172217_000000522061_00255_28866_3914.N1	07-SEP-2007 17:22:17	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28866	No
165	GOM_NL__2PRFIN20070907_172452_000000452061_00255_28866_3915.N1	07-SEP-2007 17:24:52	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28866	No
166	GOM_NL__2PRFIN20070907_172615_000000452061_00255_28866_3916.N1	07-SEP-2007 17:26:15	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28866	No
167	GOM_NL__2PRFIN20070907_173000_000000322061_00255_28866_3917.N1	07-SEP-2007 17:30:00	Dark	32.000	108	Alp Col	2.6520	15200.	64	28866	No
168	GOM_NL__2PRFIN20070907_173129_000000532061_00255_28866_3918.N1	07-SEP-2007 17:31:29	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	28866	No
169	GOM_NL__2PRFIN20070907_174152_000000392061_00256_28867_3934.N1	07-SEP-2007 17:41:52	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28867	No
170	GOM_NL__2PRFIN20070907_174314_000000432061_00256_28867_3935.N1	07-SEP-2007 17:43:14	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28867	No
171	GOM_NL__2PRFIN20070907_174908_000000542061_00256_28867_3936.N1	07-SEP-2007 17:49:08	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28867	No
172	GOM_NL__2PRFIN20070907_175449_000000452061_00256_28867_3937.N1	07-SEP-2007 17:54:49	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28867	No
173	GOM_NL__2PRFIN20070907_180353_000000392061_00256_28867_3938.N1	07-SEP-2007 18:03:53	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28867	No
174	GOM_NL__2PRFIN20070907_180652_000000372061_00256_28867_3939.N1	07-SEP-2007 18:06:52	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28867	No
175	GOM_NL__2PRFIN20070907_181322_000000412061_00256_28867_3940.N1	07-SEP-2007 18:13:22	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28867	No
176	GOM_NL__2PRFIN20070907_182147_000000372061_00256_28867_3941.N1	07-SEP-2007 18:21:47	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28867	No
177	GOM_NL__2PRFIN20070907_182930_000000372061_00256_28867_3942.N1	07-SEP-2007 18:29:30	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28867	No
178	GOM_NL__2PRFIN20070907_184641_000000412061_00256_28867_3943.N1	07-SEP-2007 18:46:41	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28867	No
179	GOM_NL__2PRFIN20070907_185443_000000482061_00256_28867_3944.N1	07-SEP-2007 18:54:43	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28867	No
180	GOM_NL__2PRFIN20070907_190253_000000542061_00256_28867_3945.N1	07-SEP-2007 19:02:53	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28867	No
181	GOM_NL__2PRFIN20070907_190528_000000472061_00256_28867_3946.N1	07-SEP-2007 19:05:28	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28867	No
182	GOM_NL__2PRFIN20070907_190651_000000482061_00256_28867_3947.N1	07-SEP-2007 19:06:51	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	28867	No
183	GOM_NL__2PRFIN20070907_191036_000000322061_00256_28867_3948.N1	07-SEP-2007 19:10:36	Dark	32.000	108	Alp Col	2.6520	15200.	64	28867	No
184	GOM_NL__2PRFIN20070907_191205_000000552061_00256_28867_3949.N1	07-SEP-2007 19:12:05	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28867	No
185	GOM_NL__2PRFIN20070907_192229_000000392061_00257_28868_3938.N1	07-SEP-2007 19:22:29	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28868	No
186	GOM_NL__2PRFIN20070907_192350_000000432061_00257_28868_3939.N1	07-SEP-2007 19:23:50	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28868	No
187	GOM_NL__2PRFIN20070907_192944_000000462061_00257_28868_3940.N1	07-SEP-2007 19:29:44	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28868	No
188	GOM_NL__2PRFIN20070907_193526_000000462061_00257_28868_3941.N1	07-SEP-2007 19:35:26	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28868	No
189	GOM_NL__2PRFIN20070907_194429_000000392061_00257_28868_3942.N1	07-SEP-2007 19:44:29	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28868	No
190	GOM_NL__2PRFIN20070907_194728_000000372061_00257_28868_3943.N1	07-SEP-2007 19:47:28	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28868	No
191	GOM_NL__2PRFIN20070907_195357_000000382061_00257_28868_3944.N1	07-SEP-2007 19:53:57	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	28868	No
192	GOM_NL__2PRFIN20070907_200223_000000372061_00257_28868_3945.N1	07-SEP-2007 20:02:23	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28868	No
193	GOM_NL__2PRFIN20070907_201006_000000372061_00257_28868_3946.N1	07-SEP-2007 20:10:06	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28868	No
194	GOM_NL__2PRFIN20070907_202718_000000402061_00257_28868_3947.N1	07-SEP-2007 20:27:18	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28868	No
195	GOM_NL__2PRFIN20070907_203519_000000532061_00257_28868_3948.N1	07-SEP-2007 20:35:19	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28868	No
196	GOM_NL__2PRFIN20070907_204330_000000572061_00257_28868_3949.N1	07-SEP-2007 20:43:30	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28868	No
197	GOM_NL__2PRFIN20070907_204605_000000452061_00257_28868_3950.N1	07-SEP-2007 20:46:05	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28868	No
198	GOM_NL__2PRFIN20070907_204728_000000452061_00257_28868_3951.N1	07-SEP-2007 20:47:28	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28868	No
199	GOM_NL__2PRFIN20070907_205113_000000272061_00257_28868_3952.N1	07-SEP-2007 20:51:13	Dark	27.000	108	Alp Col	2.6520	15200.	54	28868	No
200	GOM_NL__2PRFIN20070907_205241_000000552061_00257_28868_3953.N1	07-SEP-2007 20:52:41	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28868	No
201	GOM_NL__2PRFIN20070907_210305_000000412061_00258_28869_3967.N1	07-SEP-2007 21:03:05	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28869	No
202	GOM_NL__2PRFIN20070907_210427_000000532061_00258_28869_3968.N1	07-SEP-2007 21:04:27	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28869	No
203	GOM_NL__2PRFIN20070907_211020_000000502061_00258_28869_3969.N1	07-SEP-2007 21:10:20	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28869	No
204	GOM_NL__2PRFIN20070907_211602_000000452061_00258_28869_3970.N1	07-SEP-2007 21:16:02	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28869	No
205	GOM_NL__2PRFIN20070907_212505_000000392061_00258_28869_3971.N1	07-SEP-2007 21:25:05	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28869	No
206	GOM_NL__2PRFIN20070907_212804_000000372061_00258_28869_3972.N1	07-SEP-2007 21:28:04	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28869	No
207	GOM_NL__2PRFIN20070907_213433_000000402061_00258_28869_3973.N1	07-SEP-2007 21:34:33	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28869	No
208	GOM_NL__2PRFIN20070907_214259_000000372061_00258_28869_3974.N1	07-SEP-2007 21:42:59	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28869	No
209	GOM_NL__2PRFIN20070907_215042_000000372061_00258_28869_3975.N1	07-SEP-2007 21:50:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28869	No
210	GOM_NL__2PRFIN20070907_220754_000000392061_00258_28869_3976.N1	07-SEP-2007 22:07:54	Bright	38.500	24	66Alp Gem	1.5800	10200.	77	28869	No
211	GOM_NL__2PRFIN20070907_221555_000000572061_00258_28869_3977.N1	07-SEP-2007 22:15:55	Twilight	56.500	8	10Alp CMi	0.40000	6500.0	113	28869	No
212	GOM_NL__2PRFIN20070907_222407_000000552061_00258_28869_3978.N1	07-SEP-2007 22:24:07	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28869	No
213	GOM_NL__2PRFIN20070907_222641_000000432061_00258_28869_3979.N1	07-SEP-2007 22:26:41	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28869	No
214	GOM_NL__2PRFIN20070907_222804_000000452061_00258_28869_3980.N1	07-SEP-2007 22:28:04	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28869	No
215	GOM_NL__2PRFIN20070907_223150_000000272061_00258_28869_3981.N1	07-SEP-2007 22:31:50	Dark	27.000	108	Alp Col	2.6520	15200.	54	28869	No
216	GOM_NL__2PRFIN20070907_223318_000000552061_00258_28869_3982.N1	07-SEP-2007 22:33:18	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28869	No
217	GOM_NL__2PRFIN20070907_224342_000000402061_00259_28870_3980.N1	07-SEP-2007 22:43:42	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28870	No
218	GOM_NL__2PRFIN20070907_224503_000000492061_00259_28870_3981.N1	07-SEP-2007 22:45:03	Dark	49.000	9	Alp Eri	0.45300	24000.	98	28870	No
219	GOM_NL__2PRFIN20070907_225057_000000482061_00259_28870_3982.N1	07-SEP-2007 22:50:57	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	28870	No

220	GOM_NL__2PRFIN20070907_225638_000000472061_00259_28870_3983.N1	07-SEP-2007 22:56:38	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28870	No
221	GOM_NL__2PRFIN20070907_230541_000000382061_00259_28870_3984.N1	07-SEP-2007 23:05:41	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28870	No
222	GOM_NL__2PRFIN20070907_230839_000000382061_00259_28870_3985.N1	07-SEP-2007 23:08:39	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28870	No
223	GOM_NL__2PRFIN20070907_231508_000000412061_00259_28870_3986.N1	07-SEP-2007 23:15:08	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28870	No
224	GOM_NL__2PRFIN20070907_232334_000000342061_00259_28870_3987.N1	07-SEP-2007 23:23:34	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28870	No
225	GOM_NL__2PRFIN20070907_233118_000000352061_00259_28870_3988.N1	07-SEP-2007 23:31:18	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28870	No
226	GOM_NL__2PRFIN20070907_234830_000000572061_00259_28870_3989.N1	07-SEP-2007 23:48:30	Bright	57.000	24	66Alp Gem	1.5800	10200.	114	28870	No
227	GOM_NL__2PRFIN20070907_235632_000000522061_00259_28870_3990.N1	07-SEP-2007 23:56:32	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	28870	No

3. Quality information per product

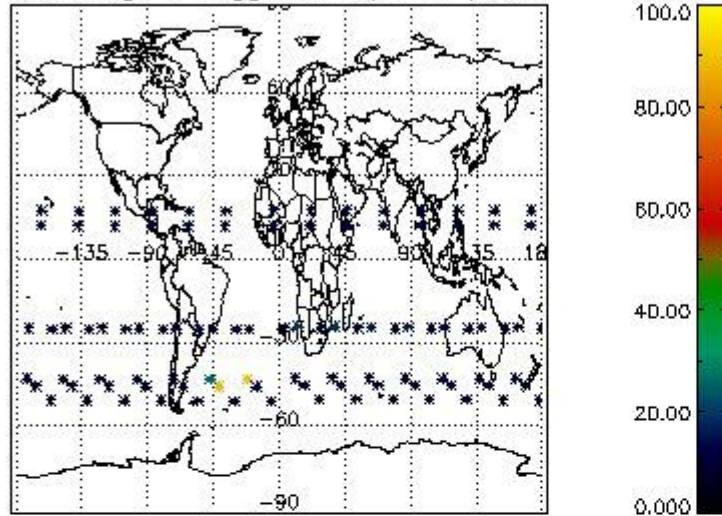
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

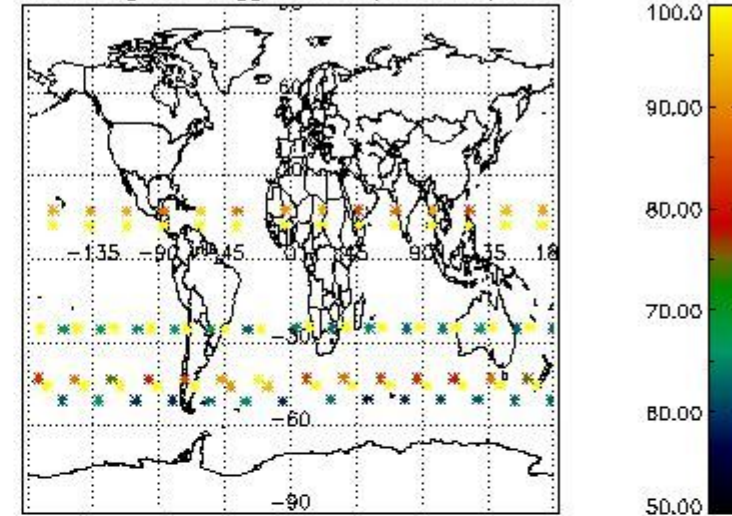


3.2 Plot quality information per product (world map)

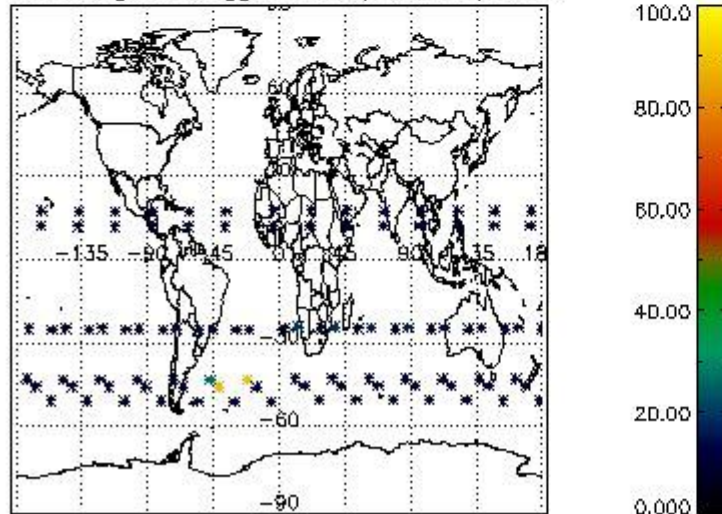
Percentage of flagged data per O3 profile



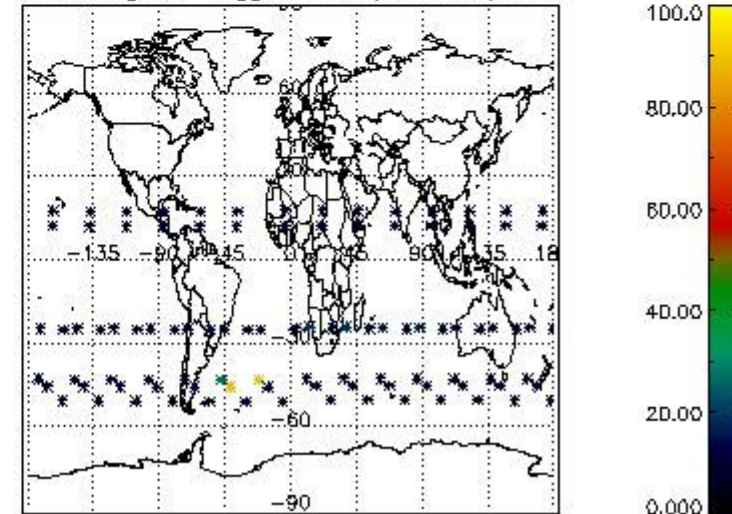
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

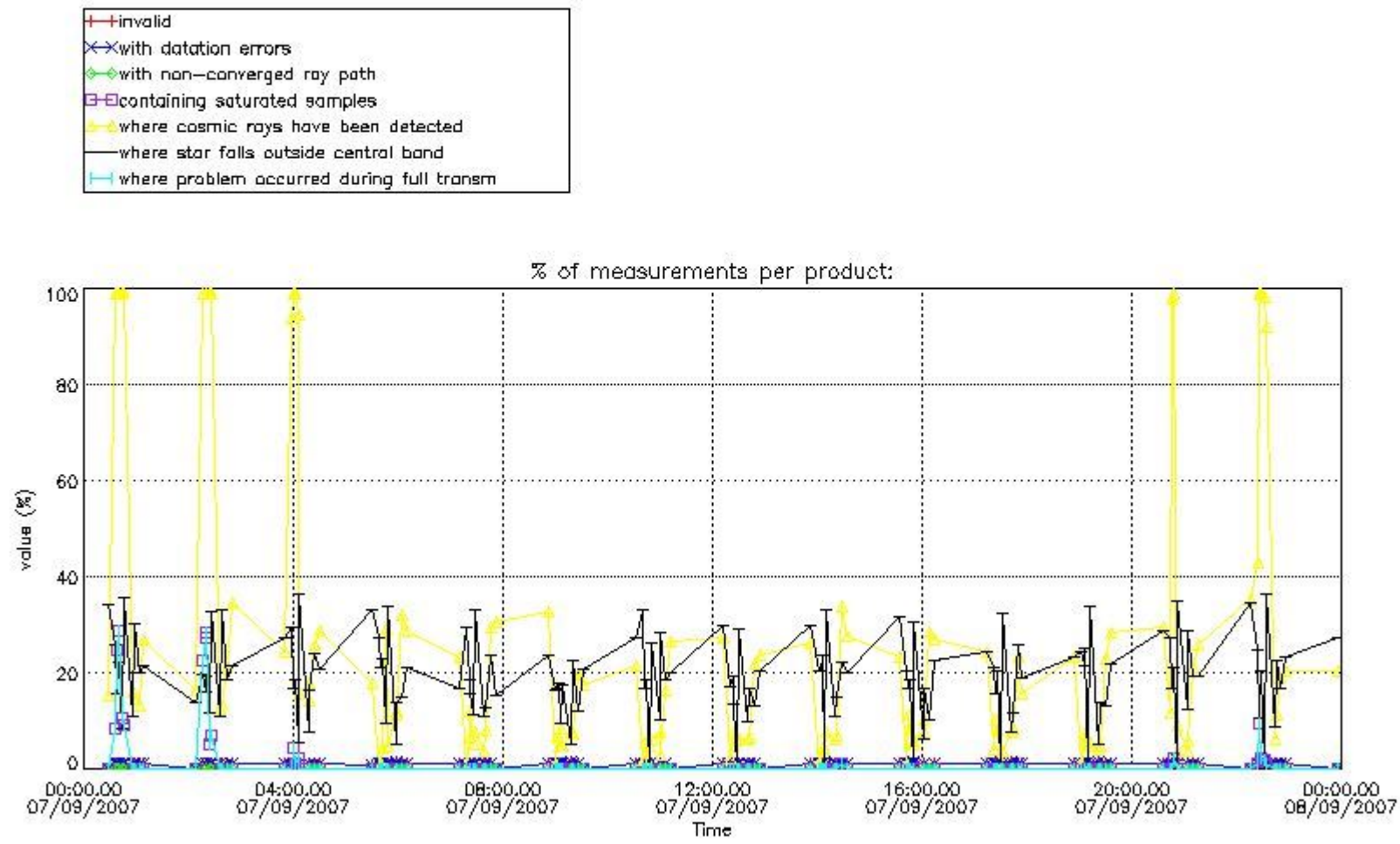


4. Level 1 quality information per product

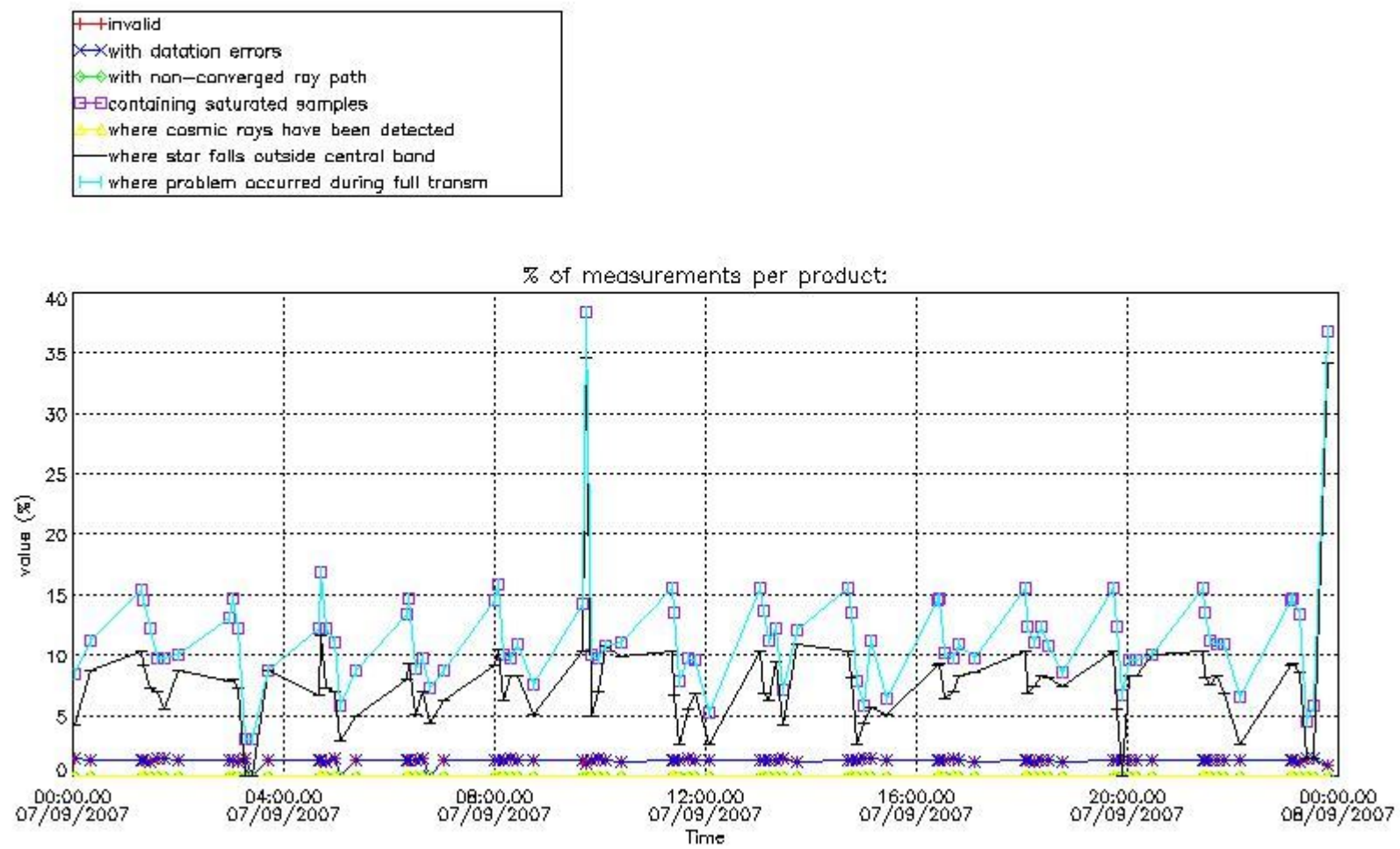
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



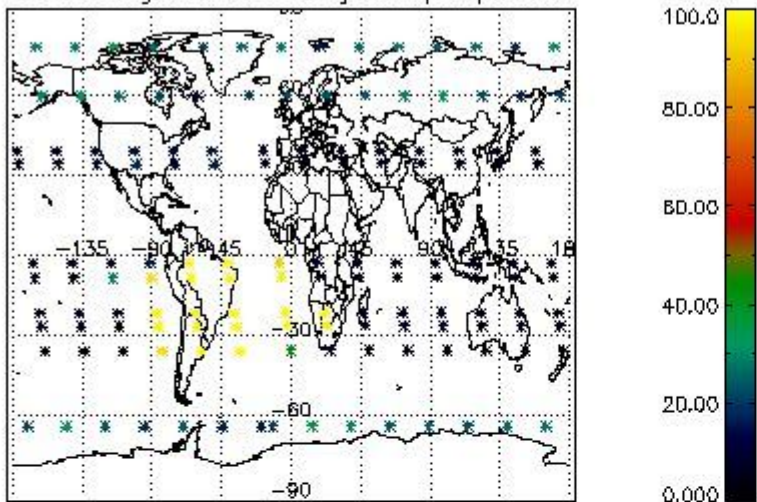
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



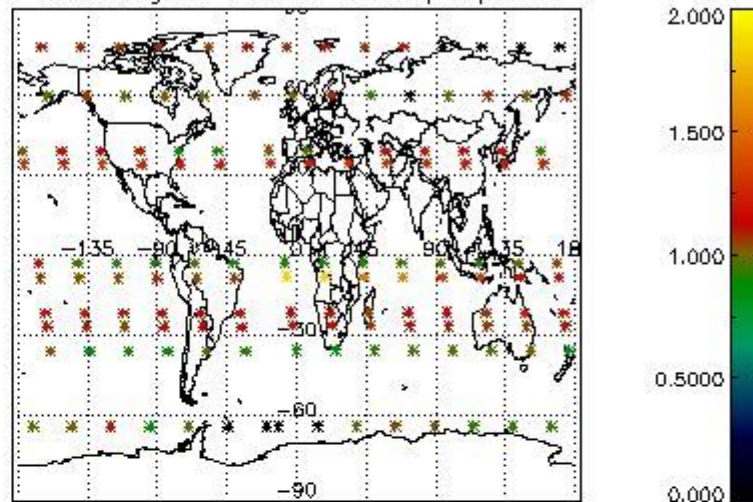
4.2 Plot quality information per product coming from level 1b processing (world map)

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

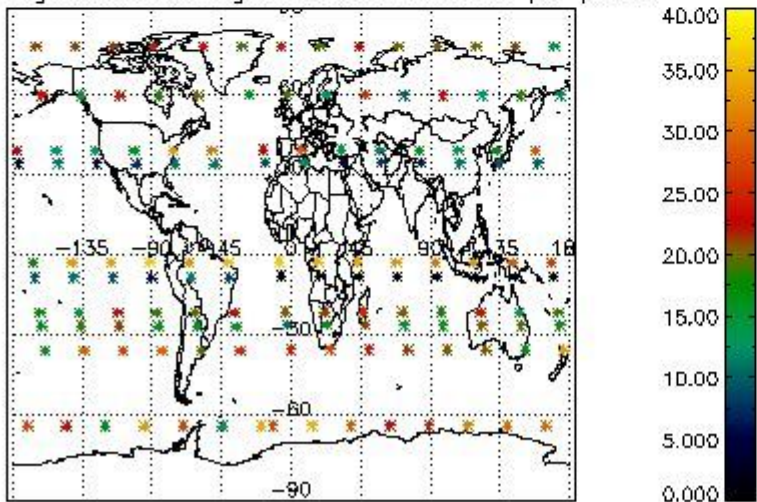
Percentage of cosmic ray hits per profile



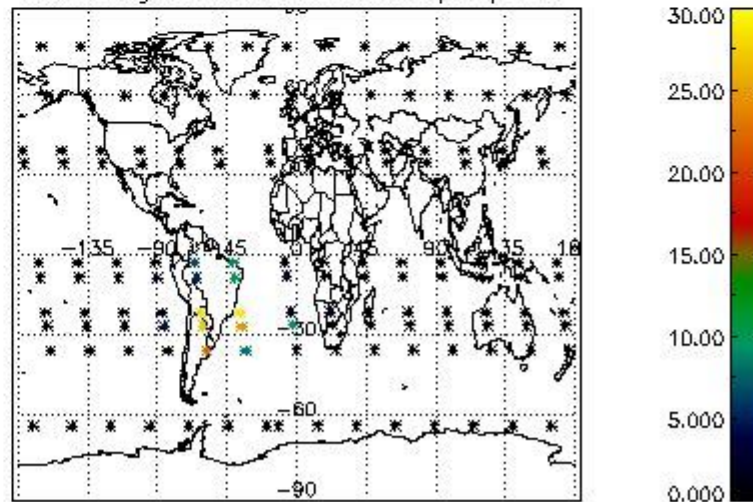
Percentage of datation errors per profile



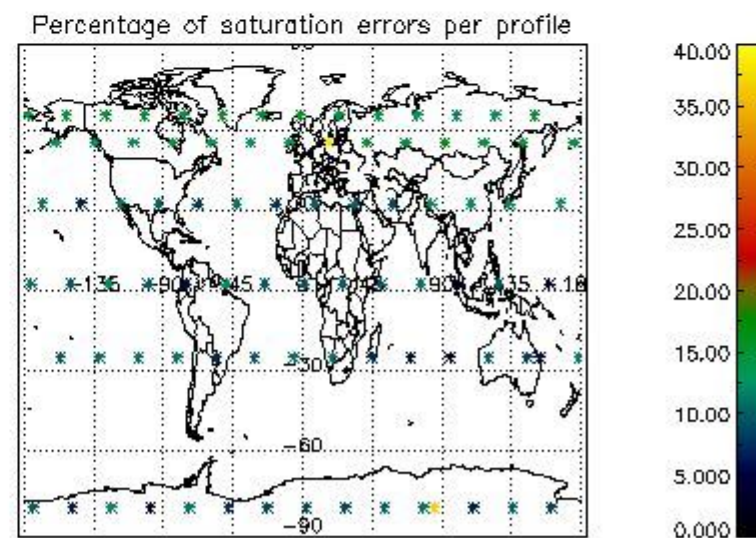
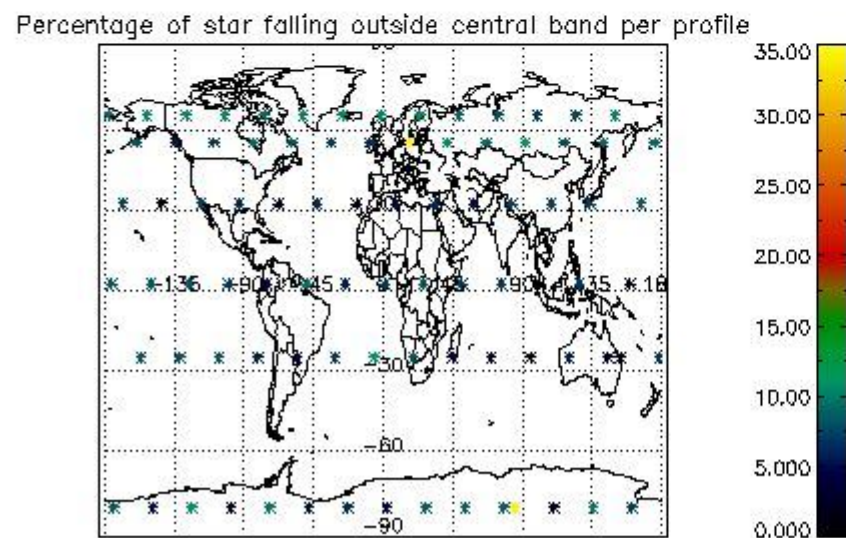
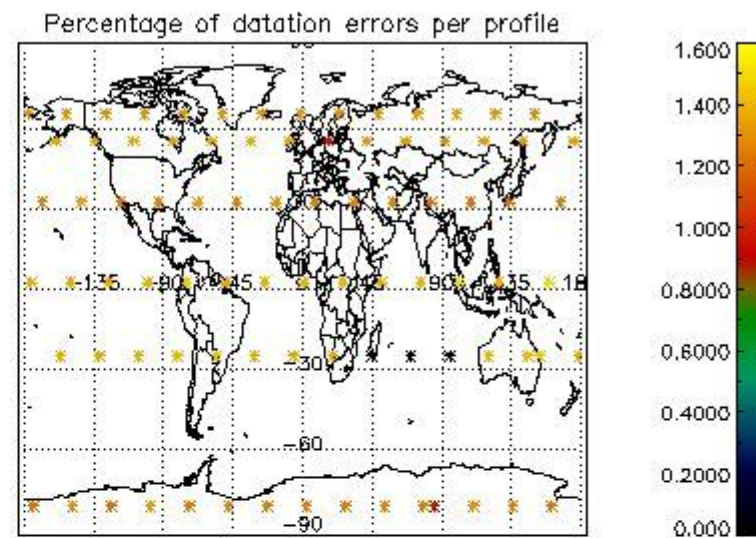
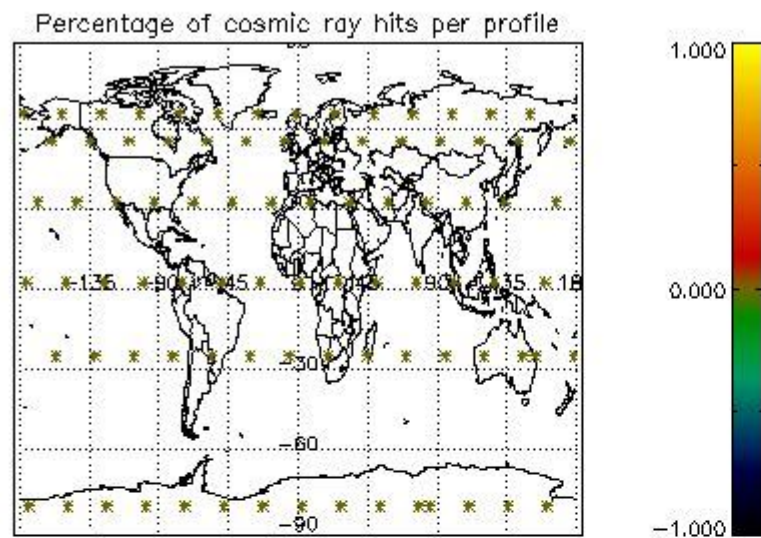
Percentage of star falling outside central band per profile



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

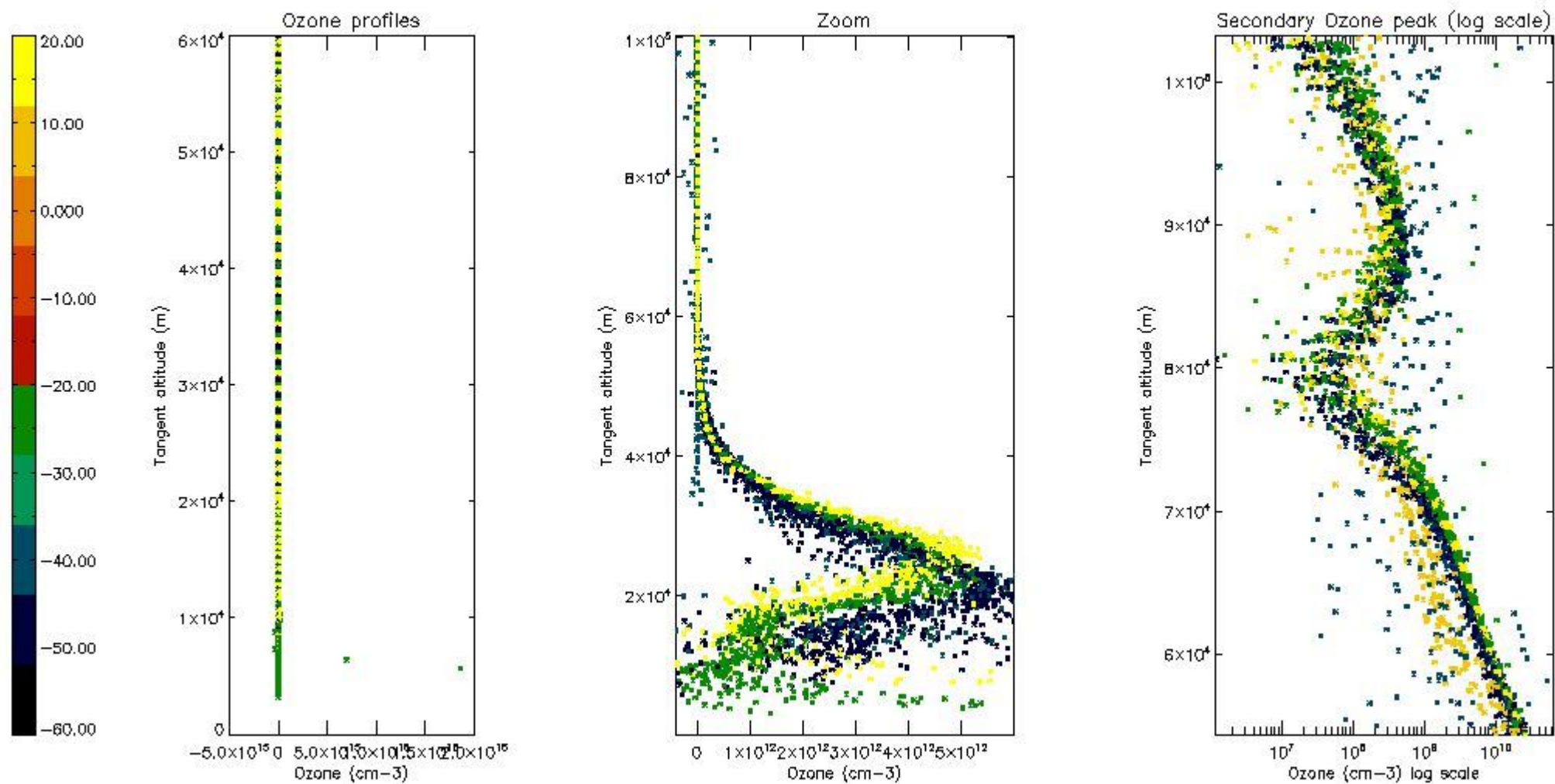
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	27

STD < 10	22
STD < 5	17

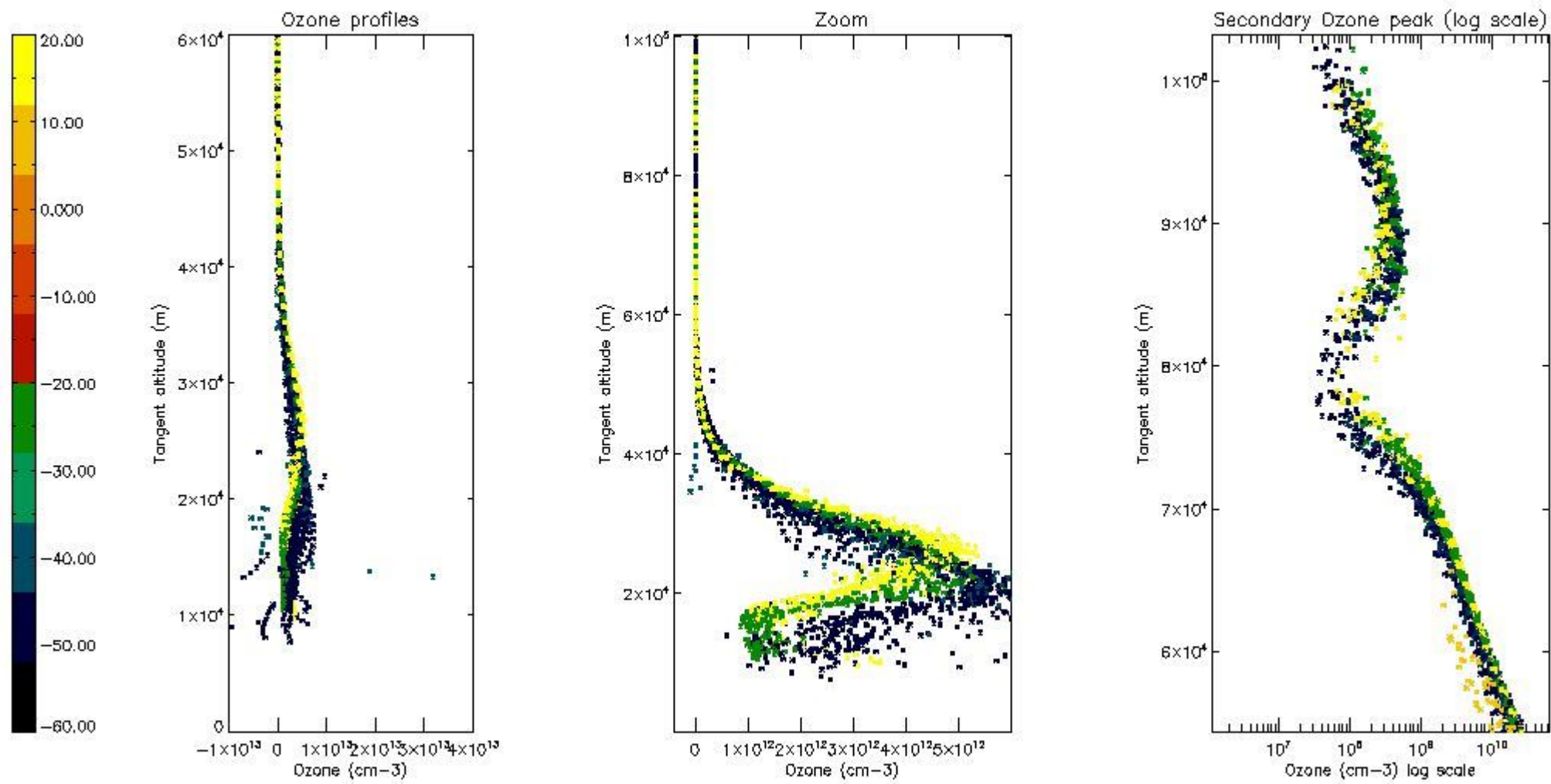
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



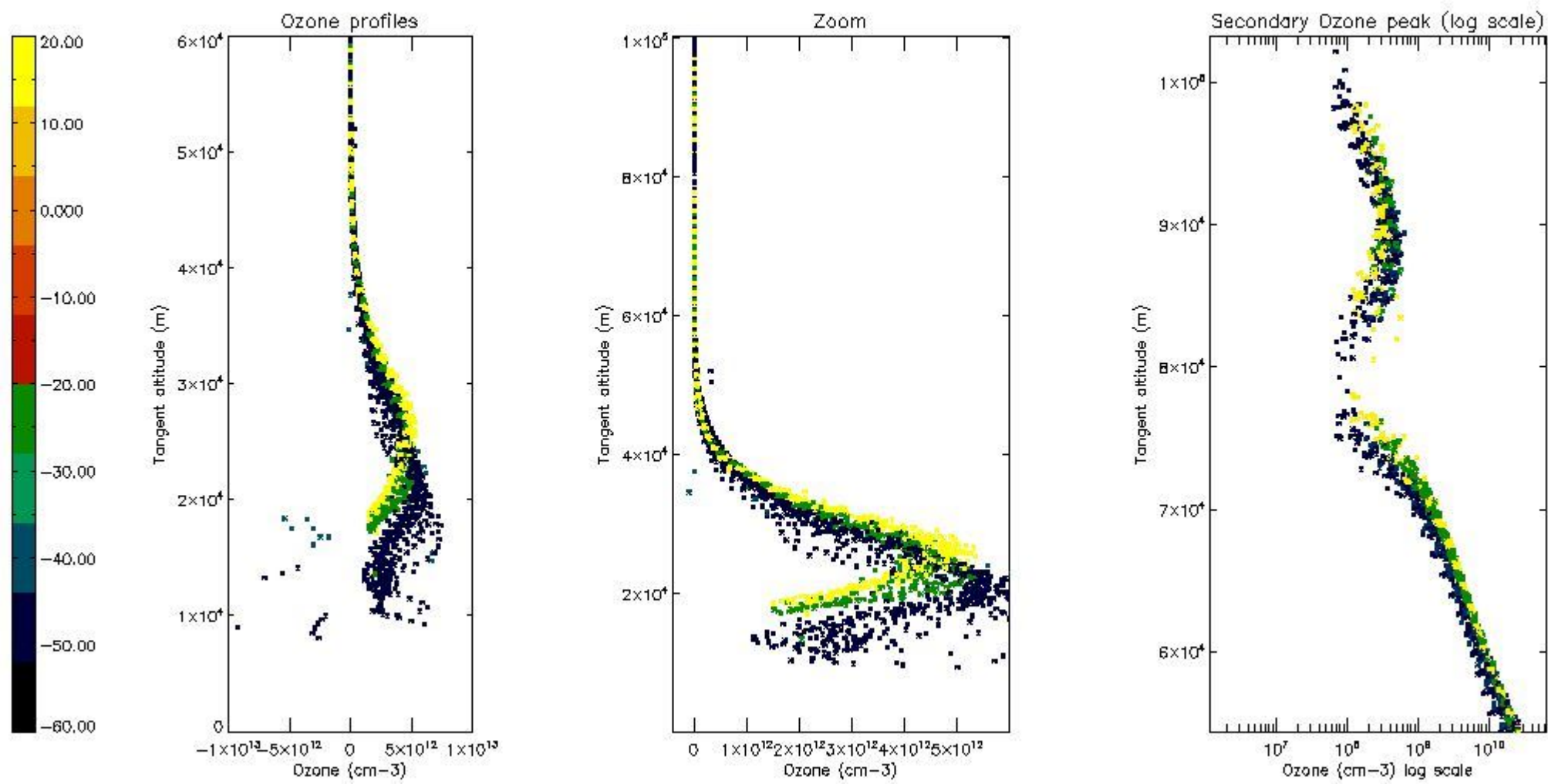
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



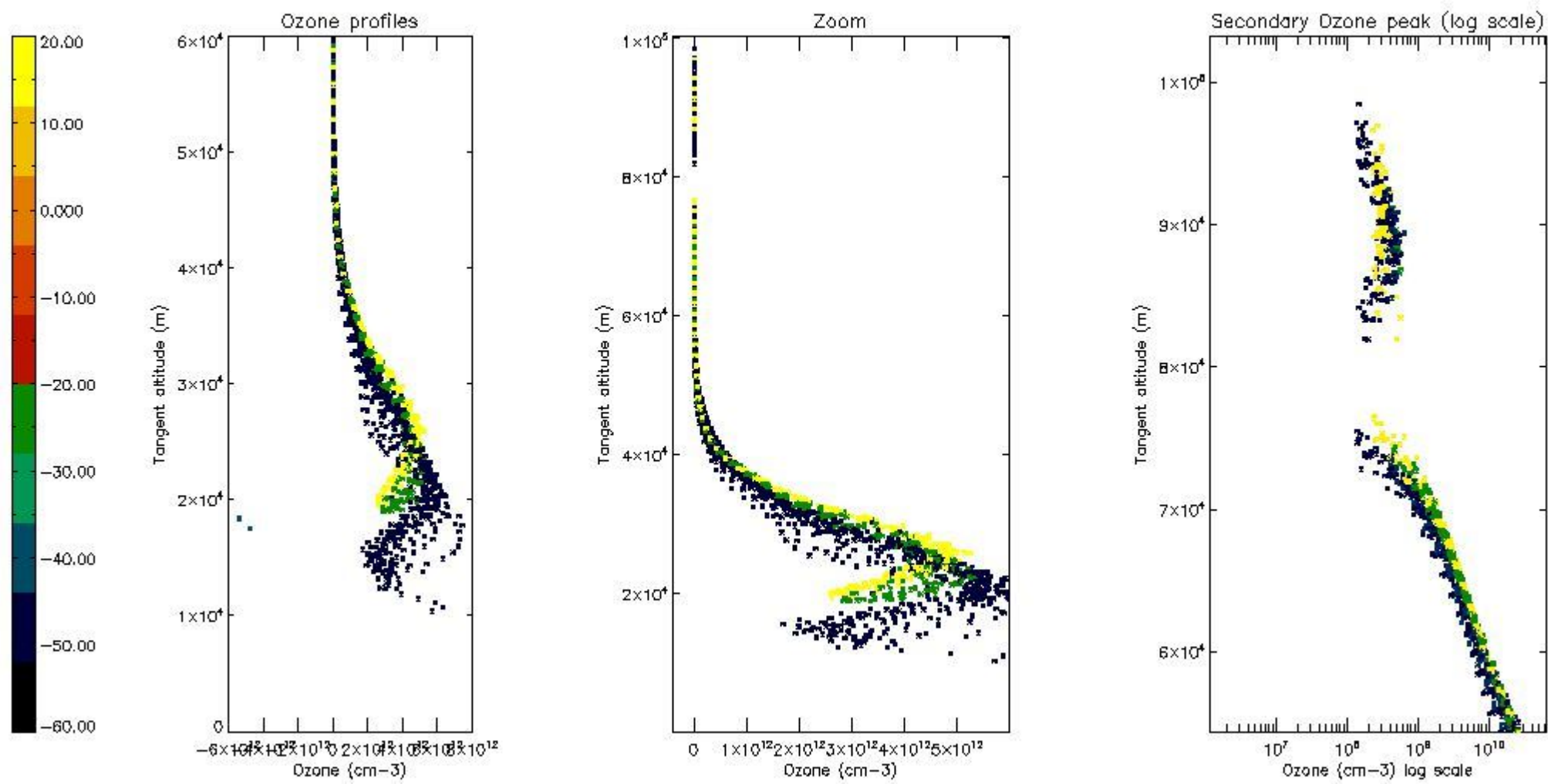
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



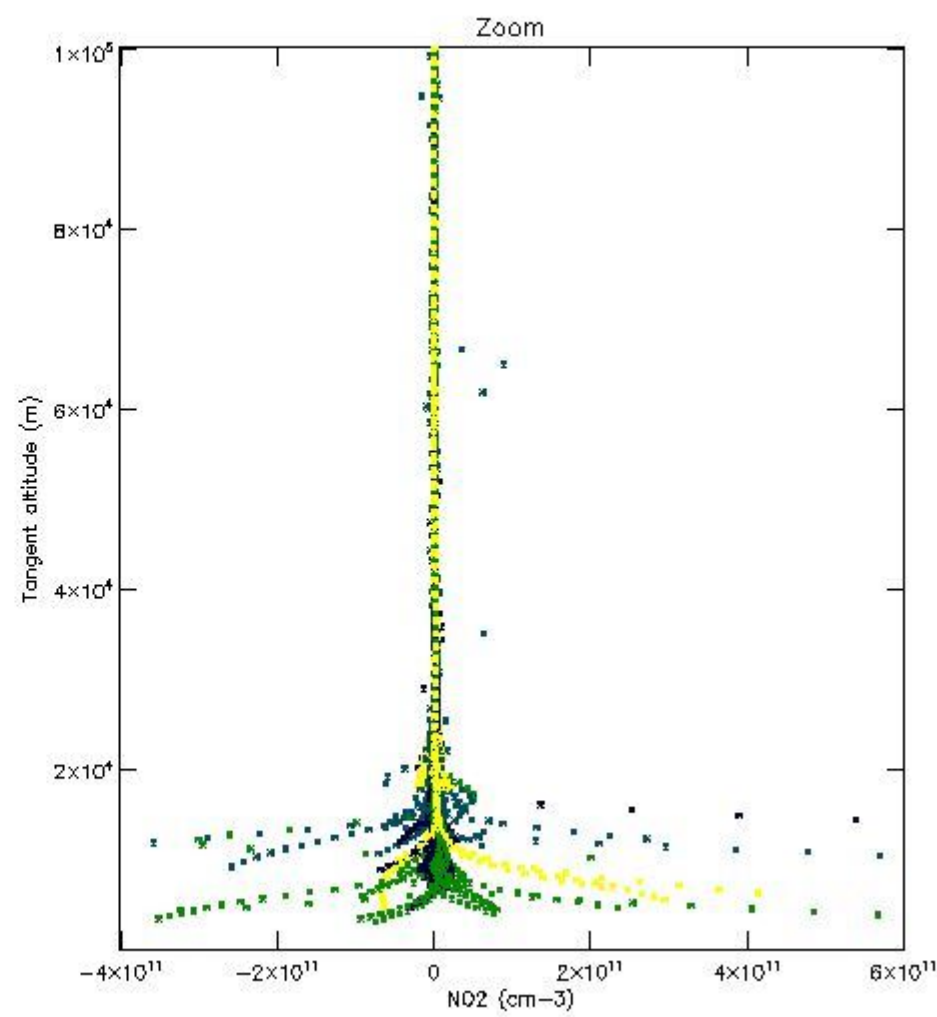
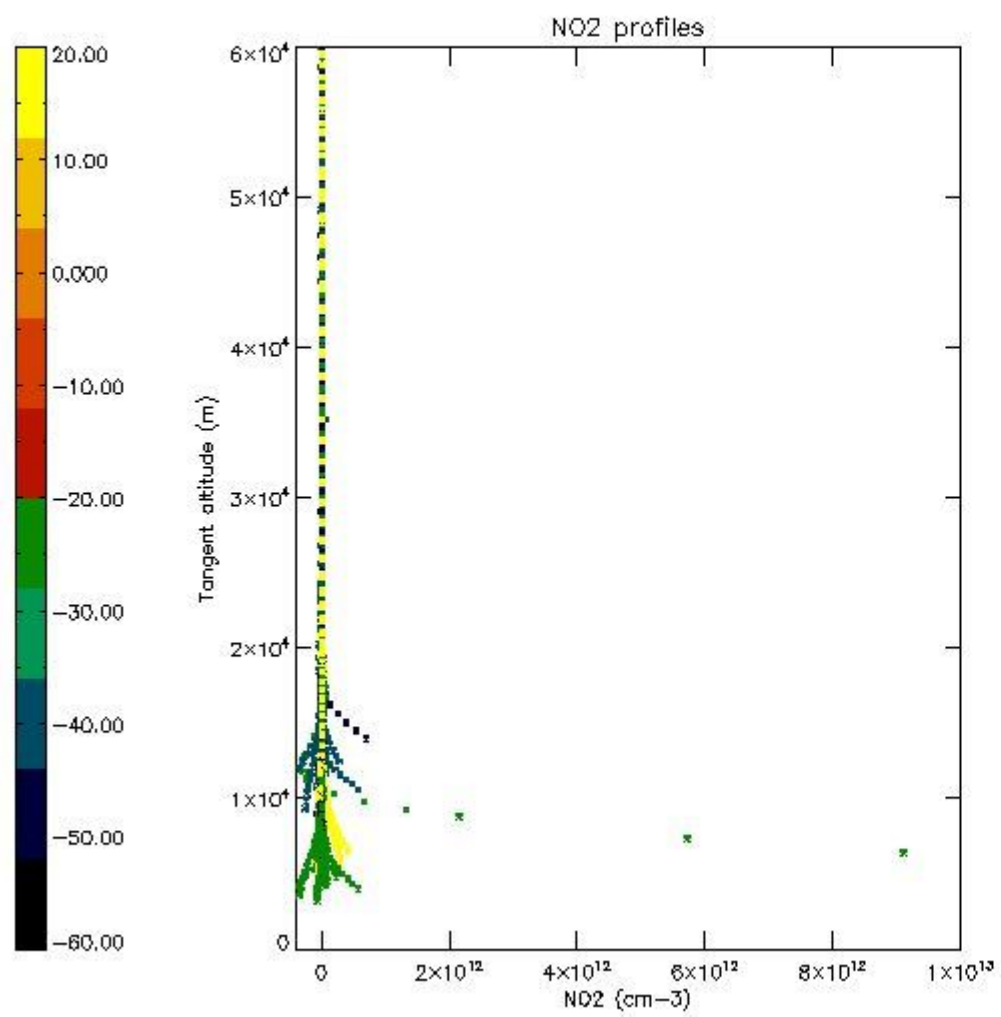
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



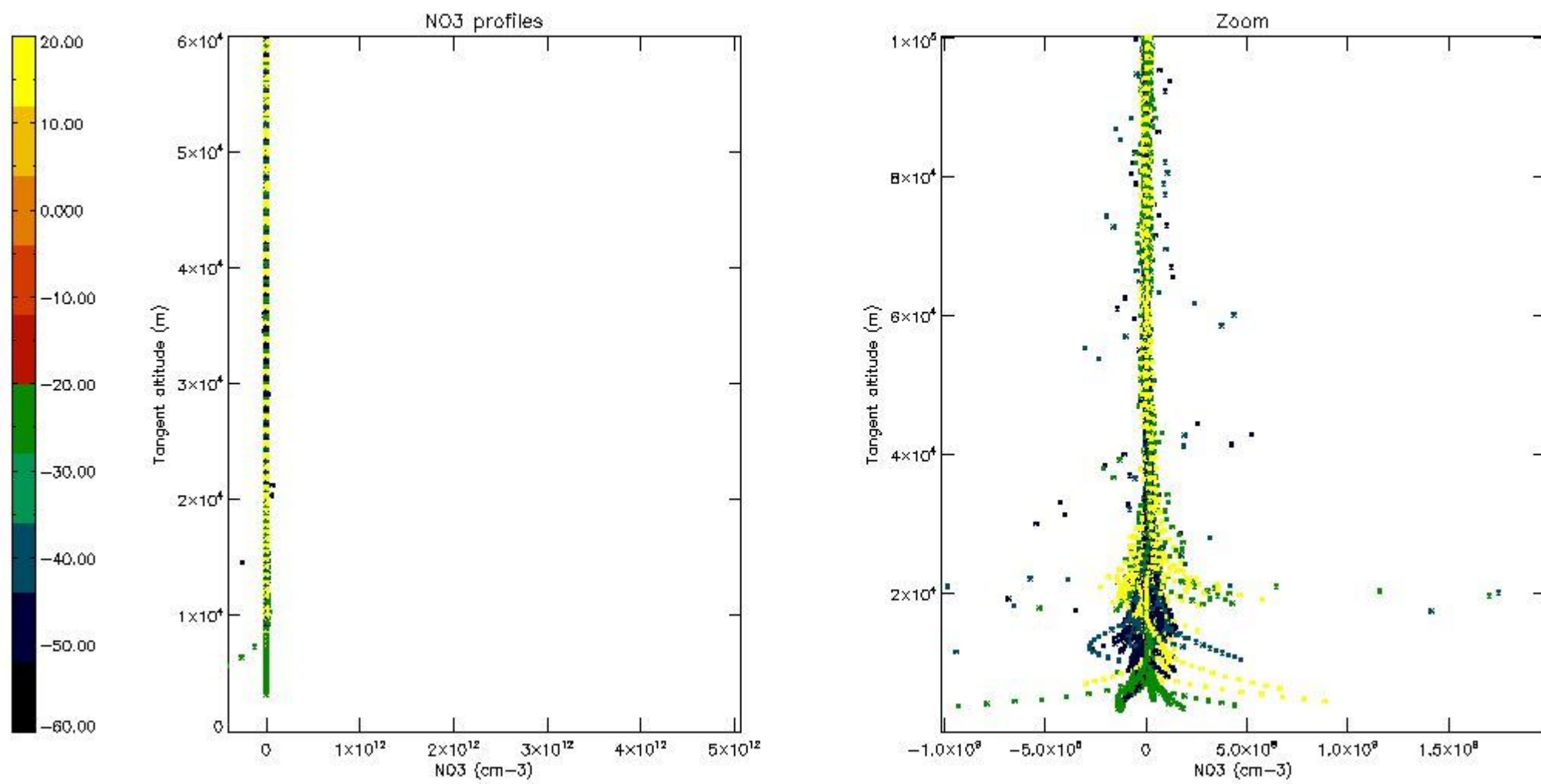
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



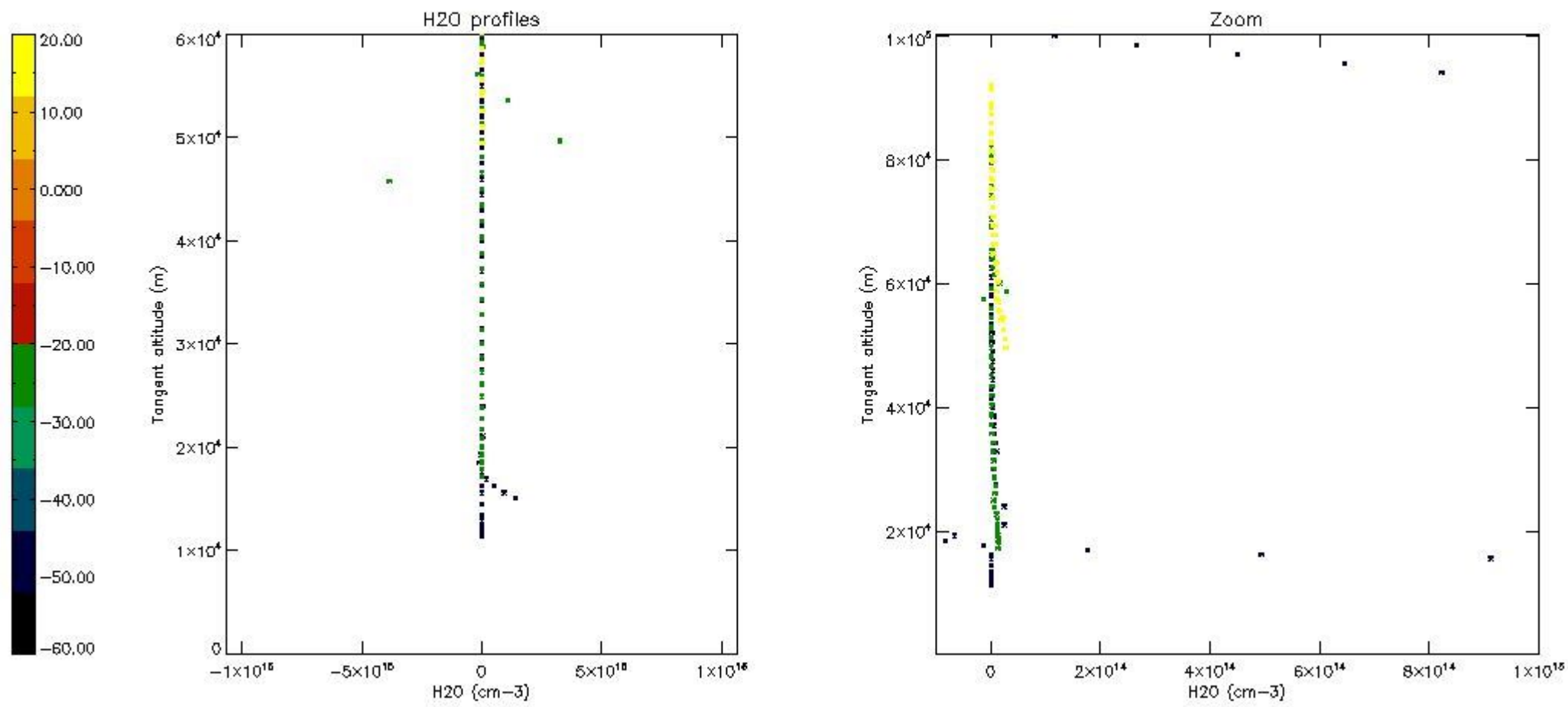
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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)

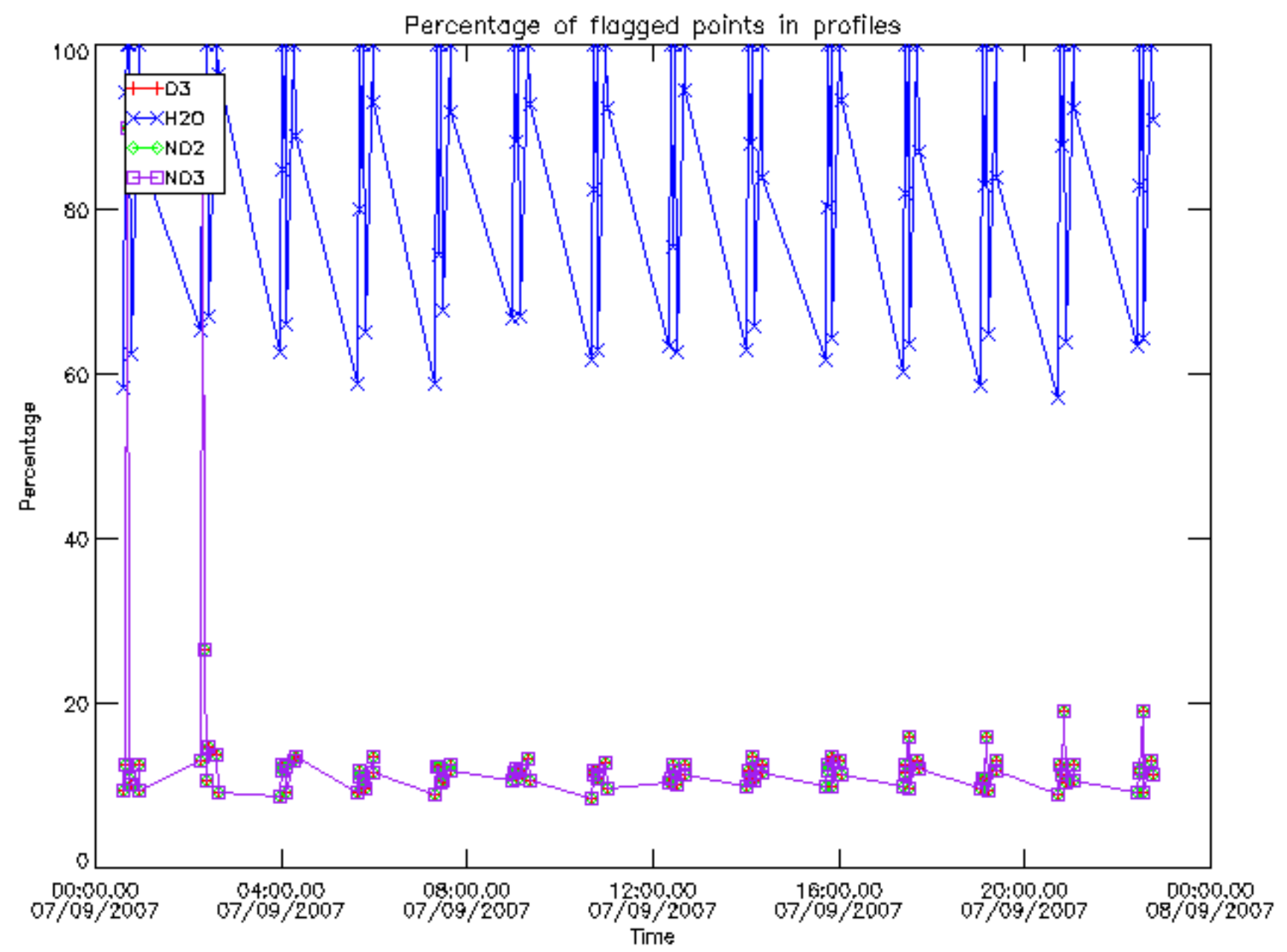
The colorbar represents the latitude.



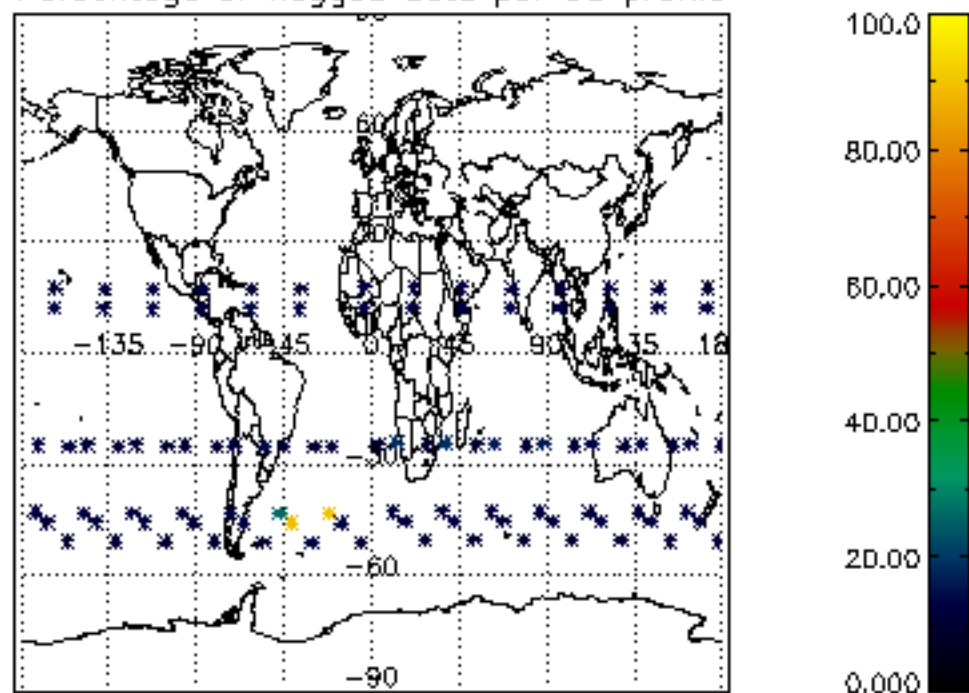
6. Auxiliary Data Files used for the production reported in section 2

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.

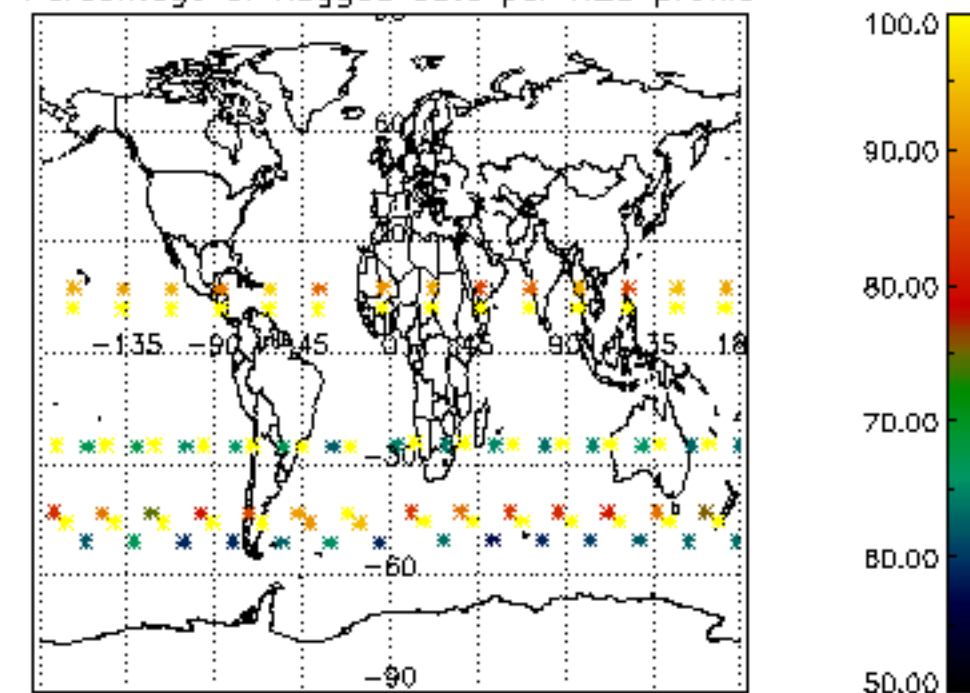
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-SEP-2007 00:02:55
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-SEP-2007 00:02:55
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-SEP-2007 00:02:55



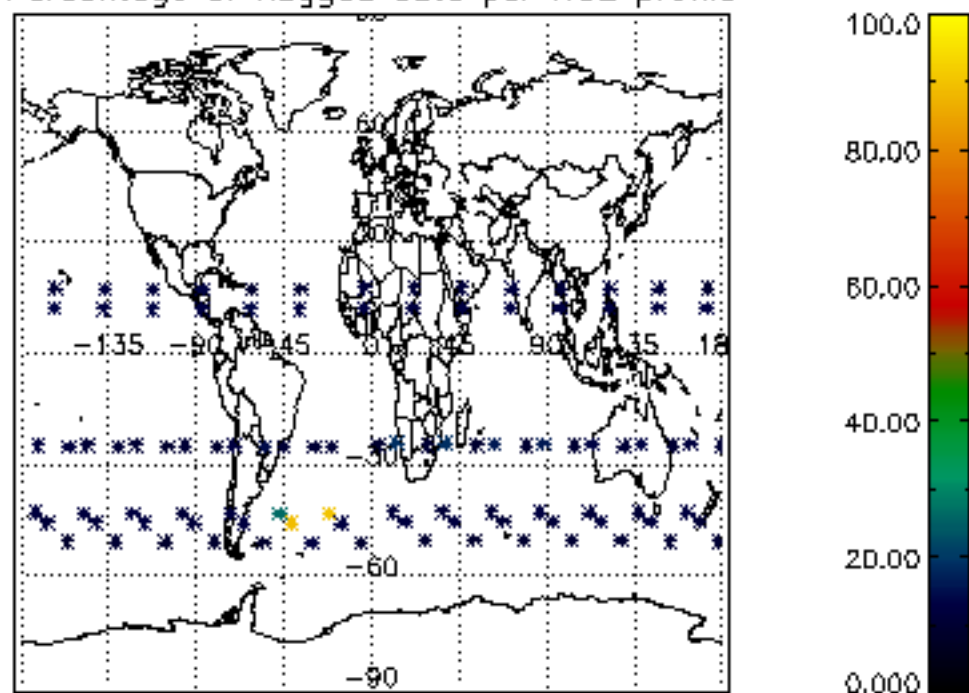
Percentage of flagged data per D3 profile



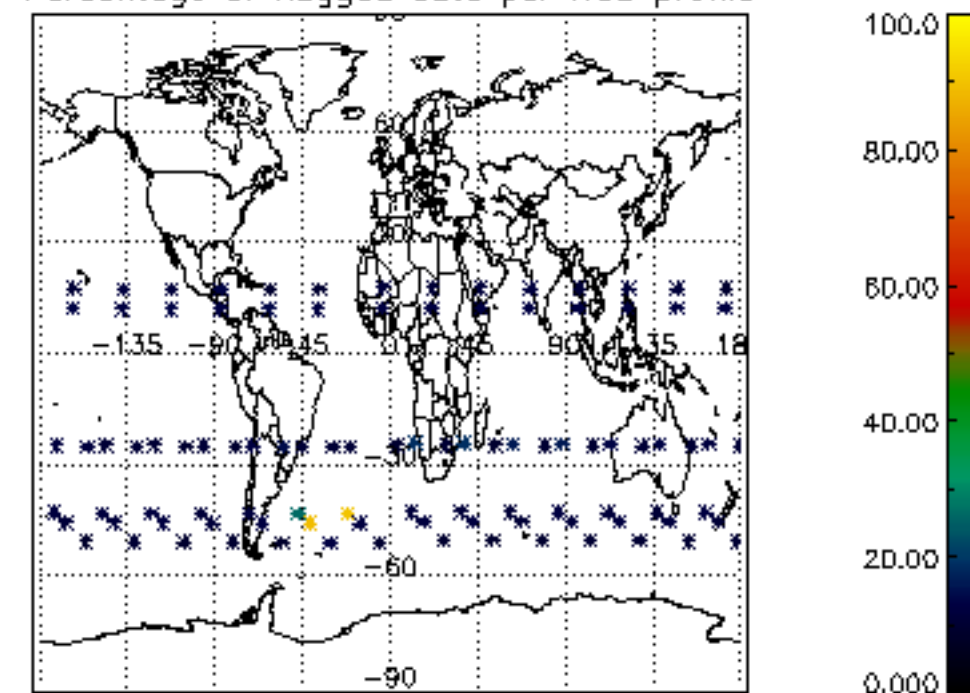
Percentage of flagged data per H2O profile

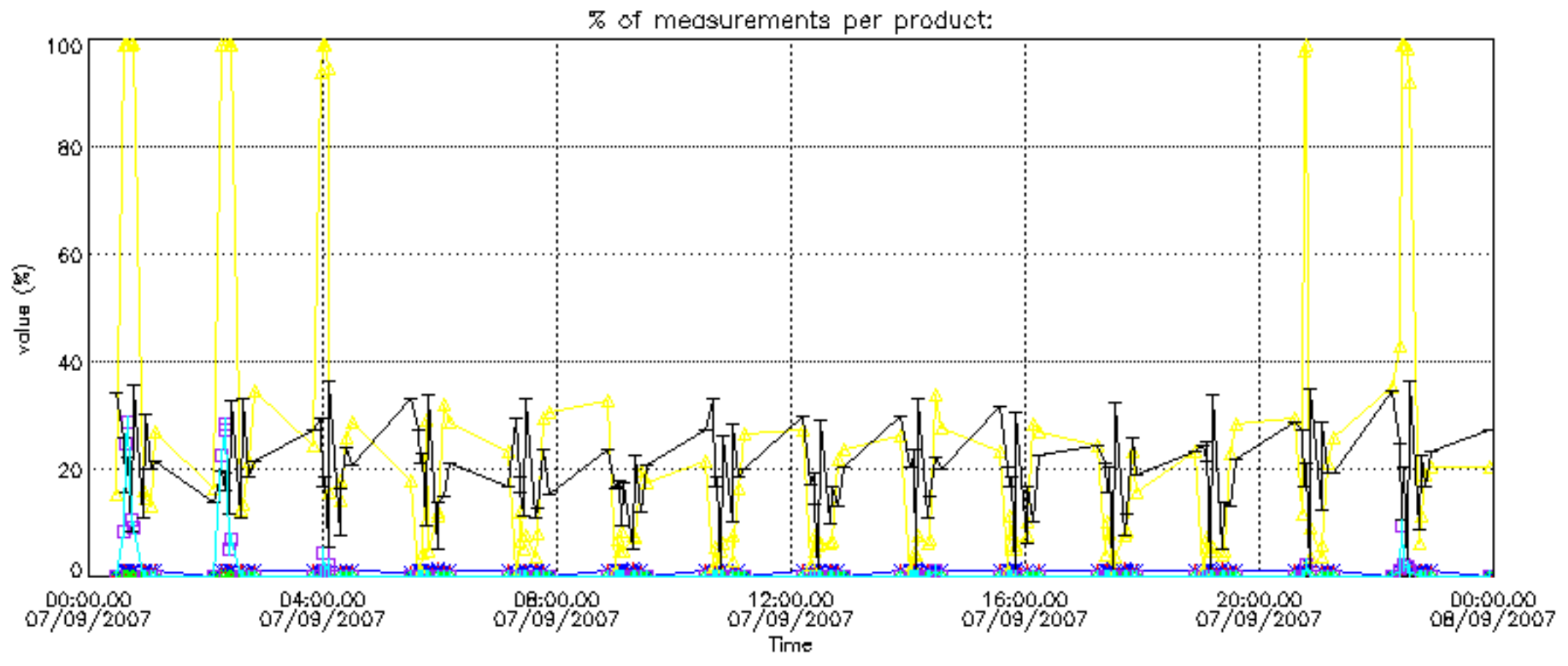


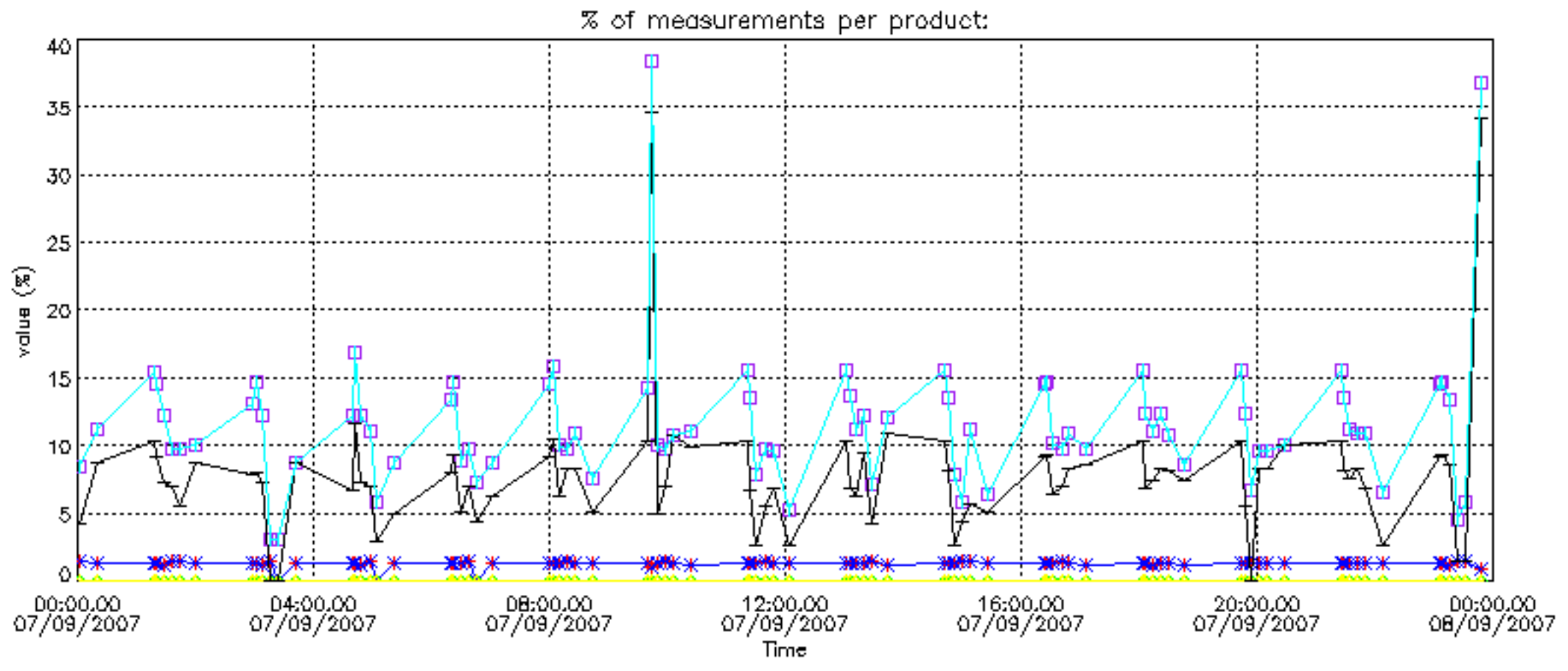
Percentage of flagged data per NO2 profile



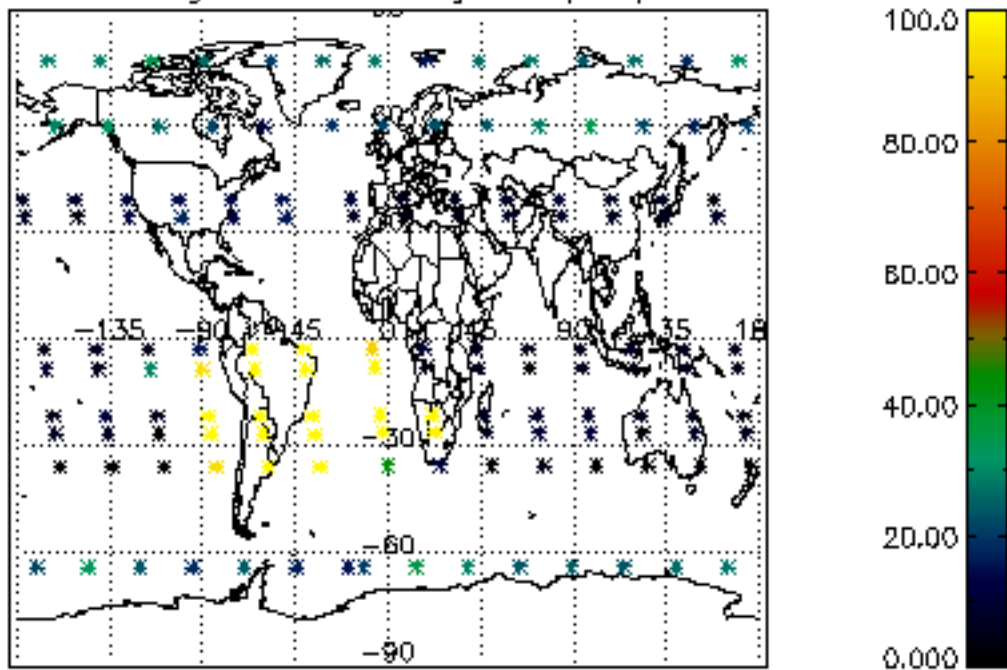
Percentage of flagged data per NO3 profile



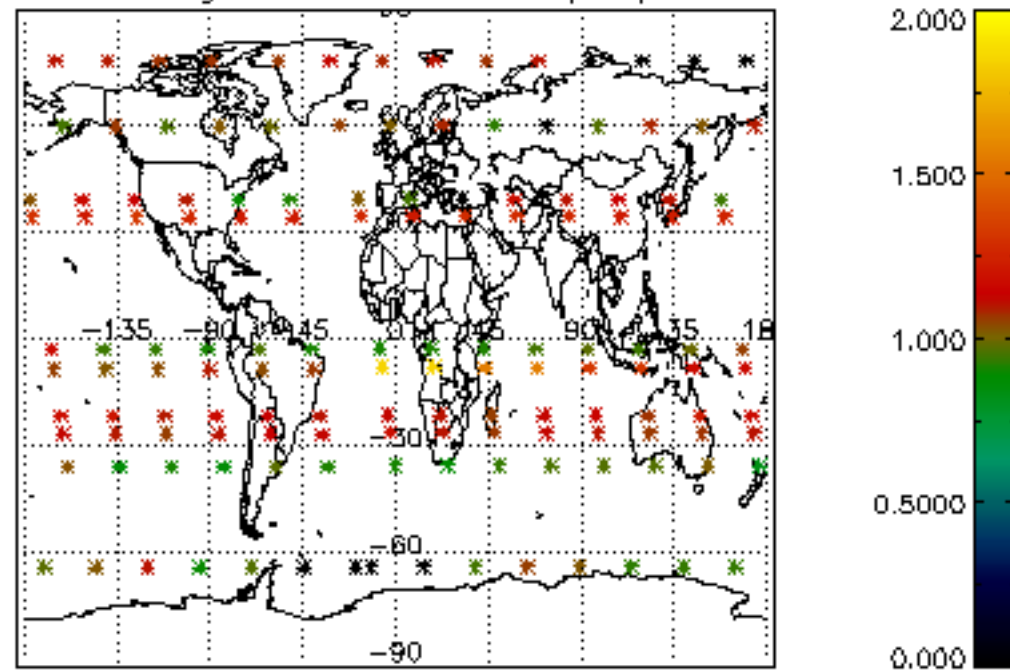




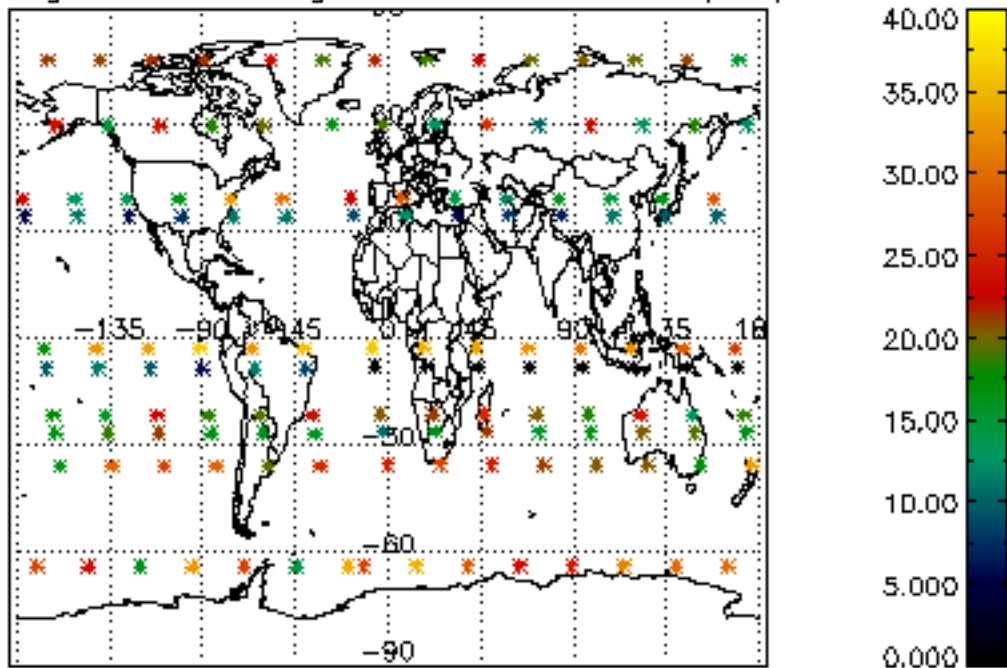
Percentage of cosmic ray hits per profile



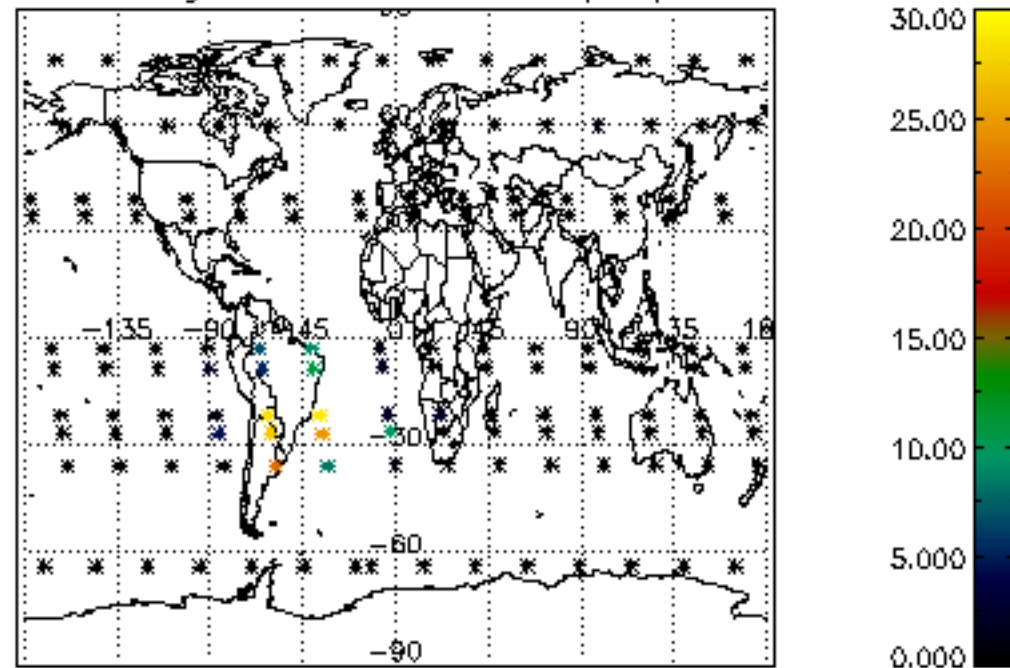
Percentage of datation errors per profile



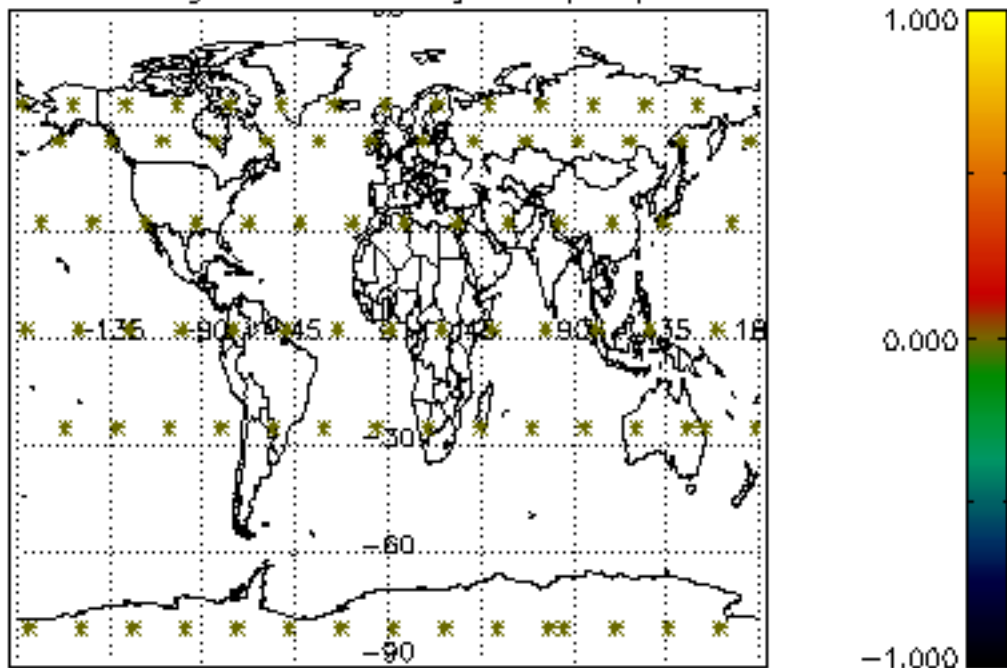
Percentage of star falling outside central band per profile



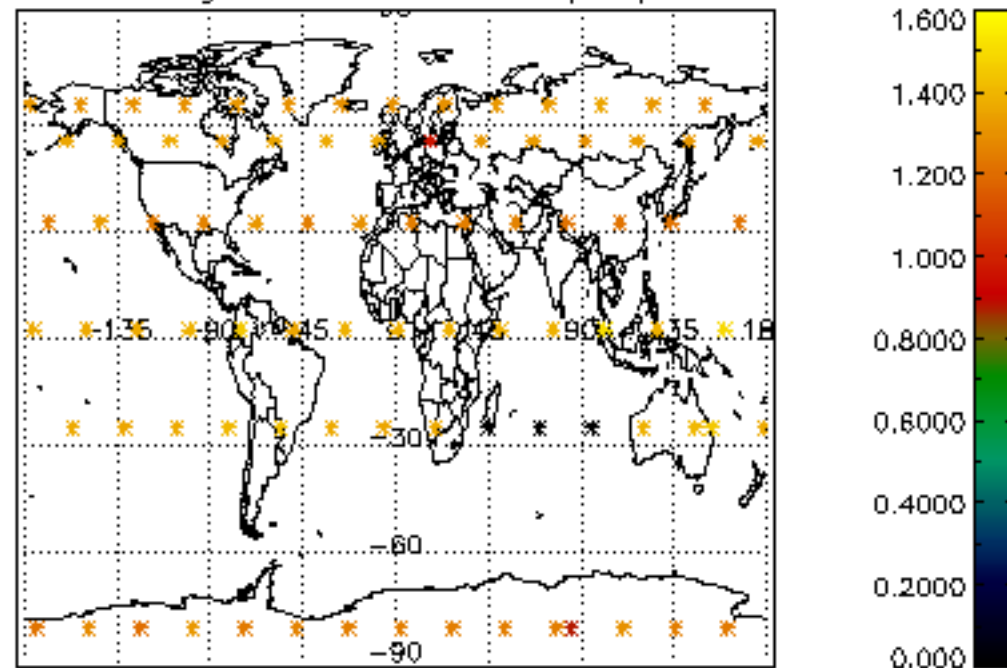
Percentage of saturation errors per profile



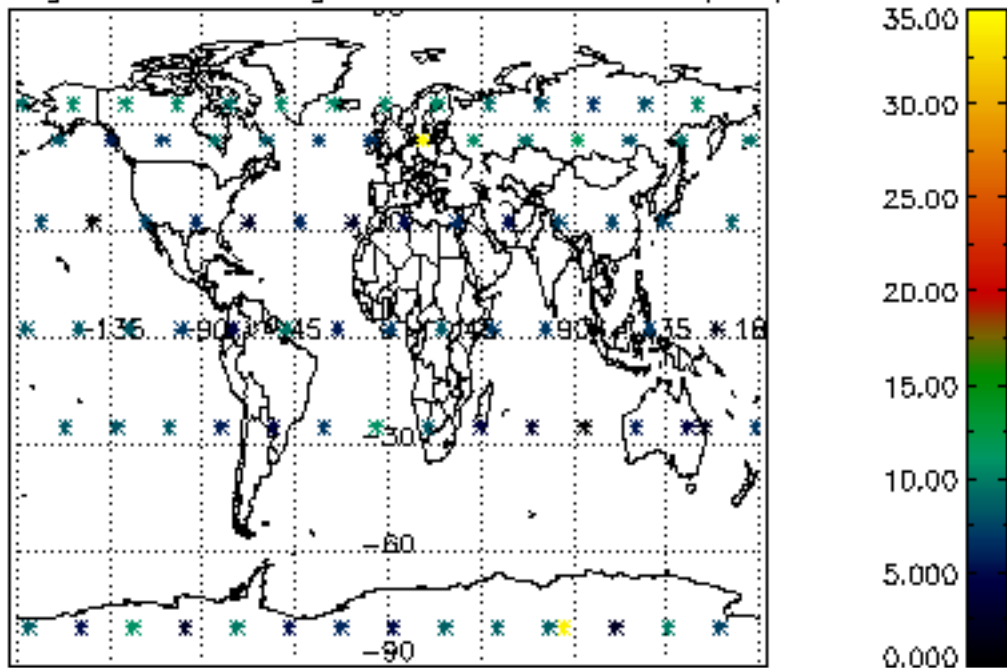
Percentage of cosmic ray hits per profile



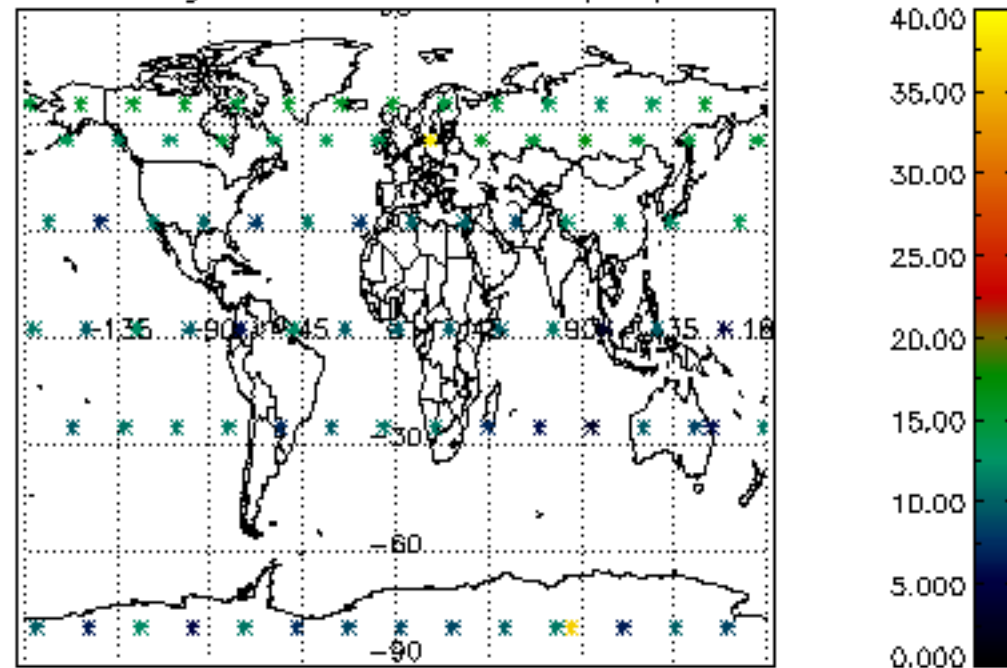
Percentage of datation errors per profile

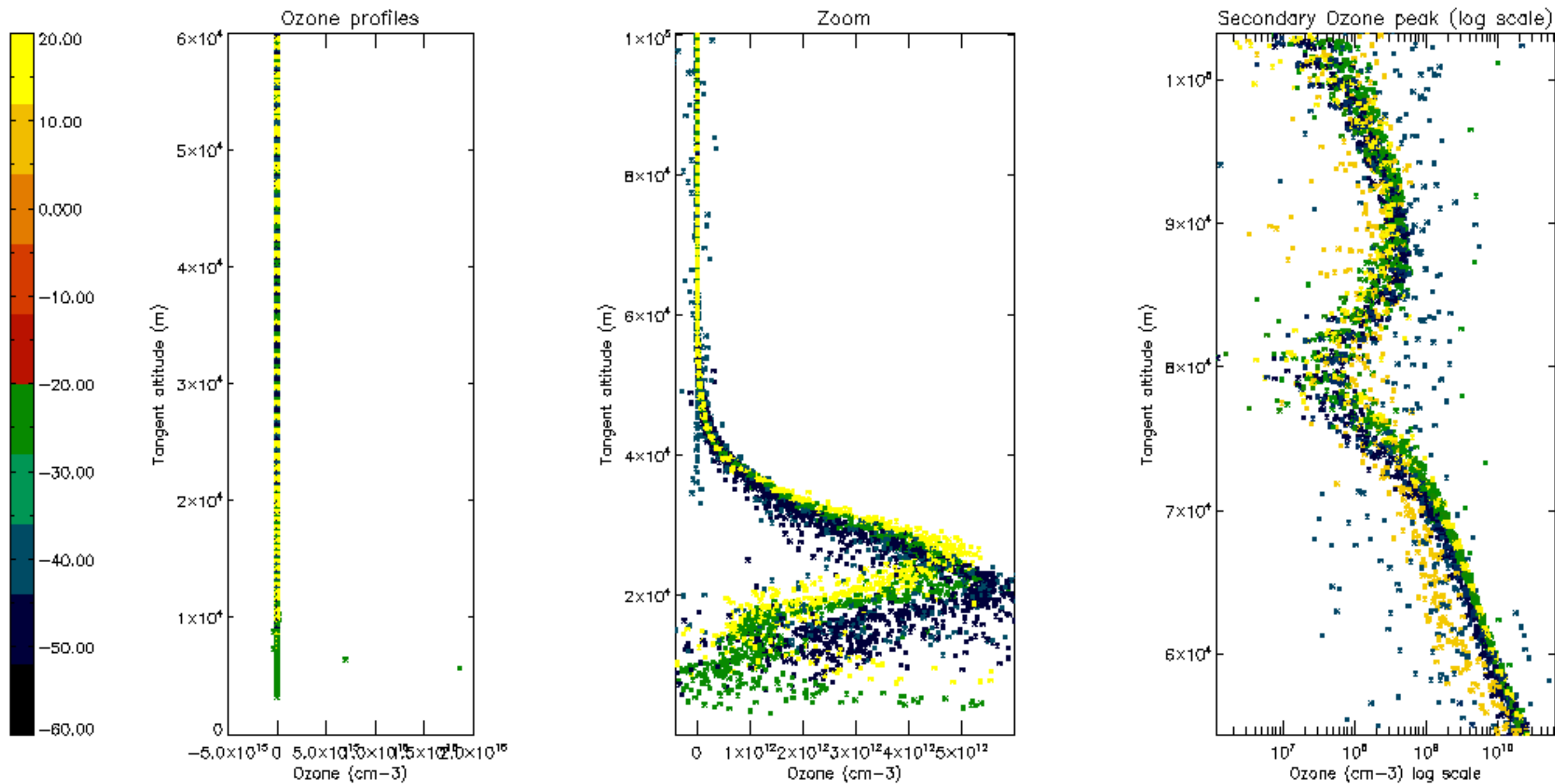


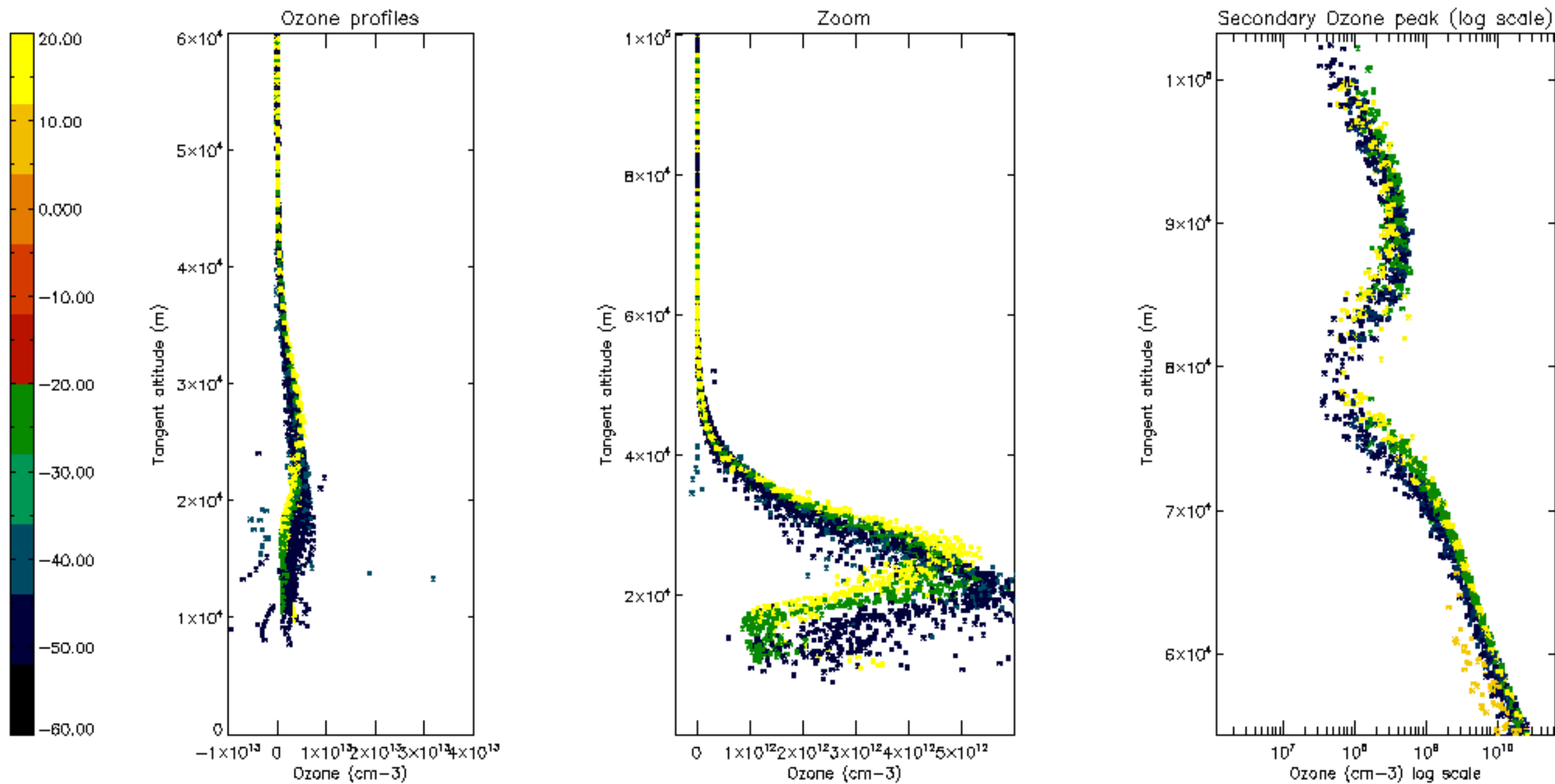
Percentage of star falling outside central band per profile

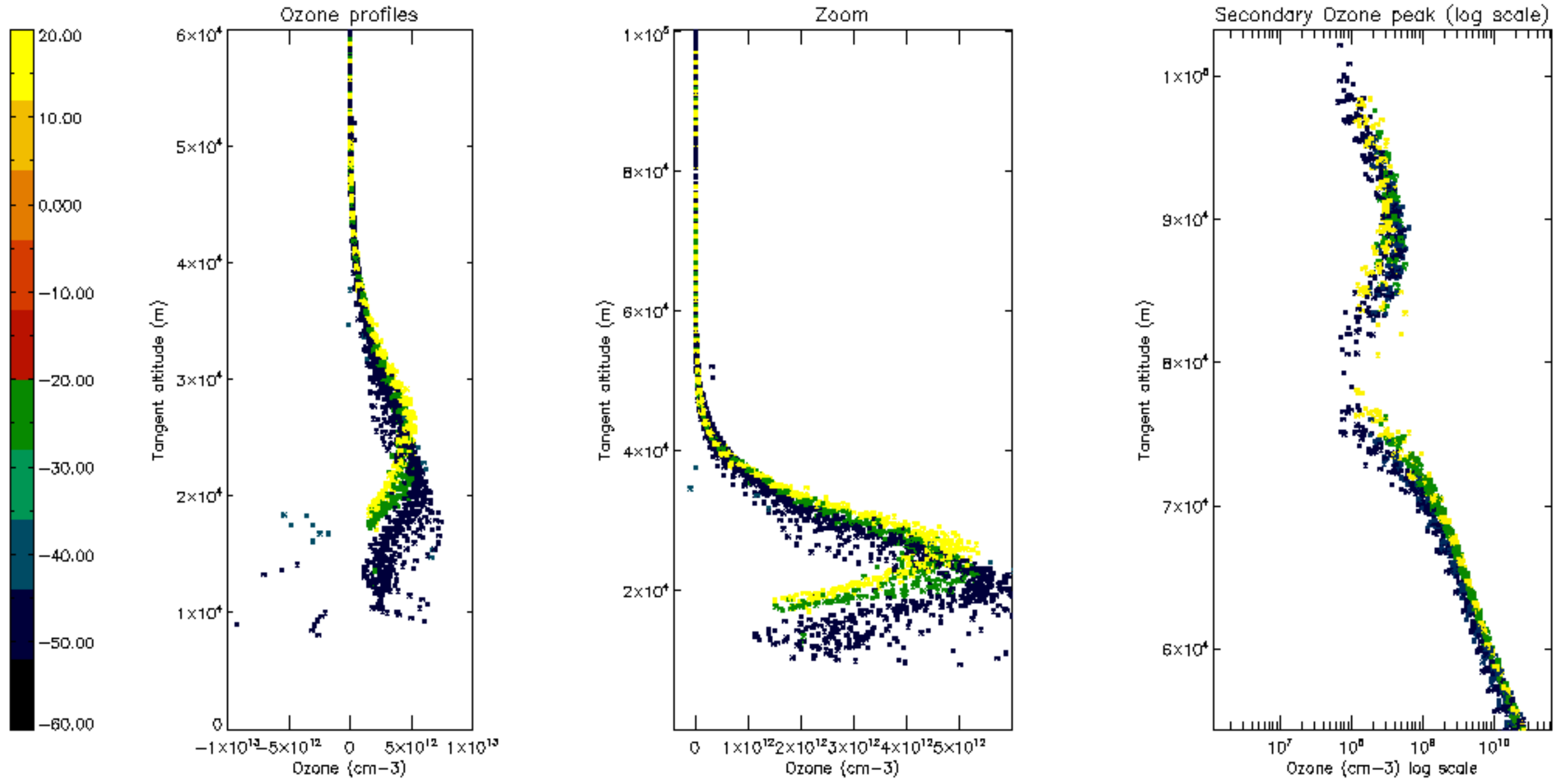


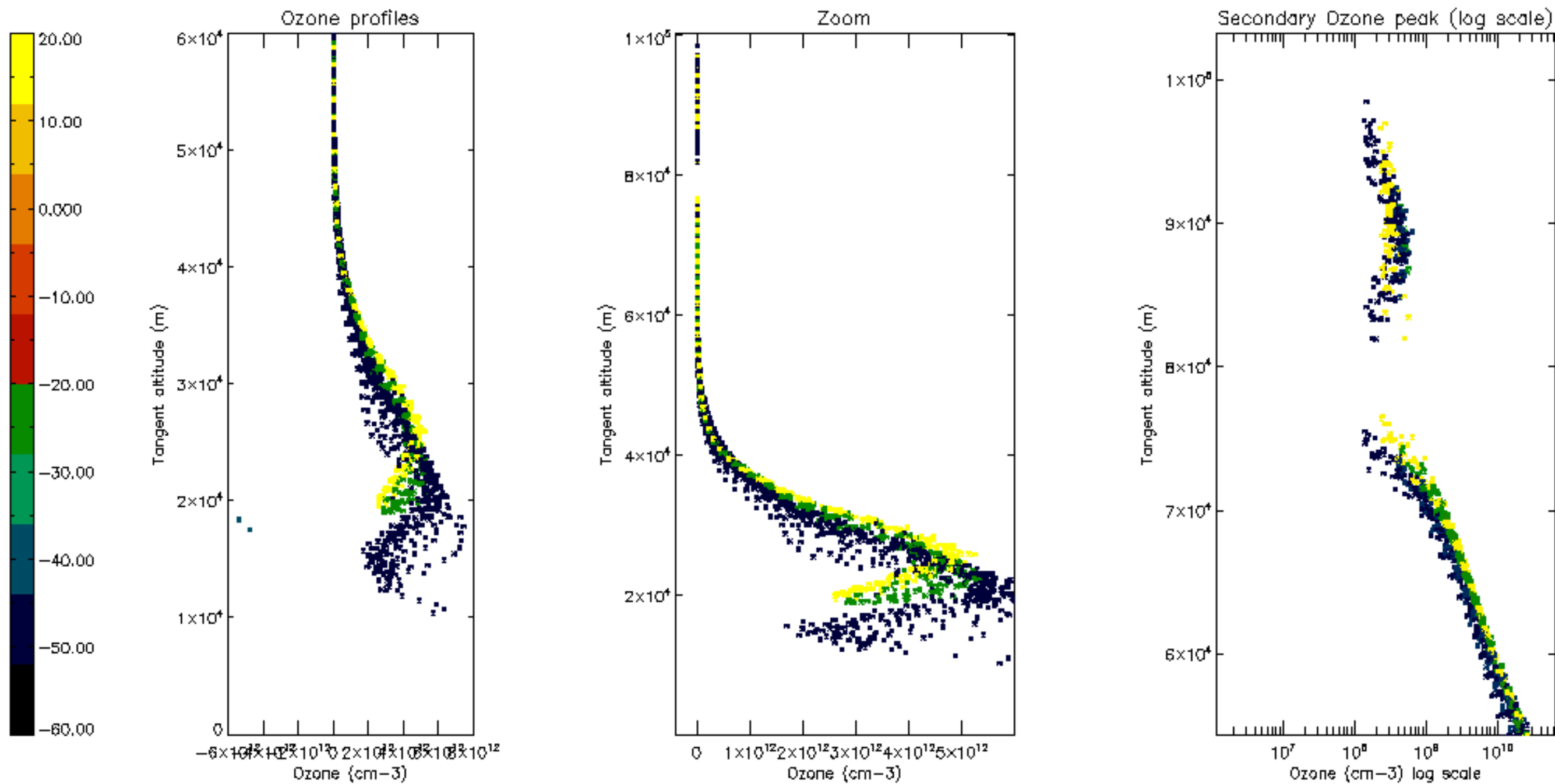
Percentage of saturation errors per profile

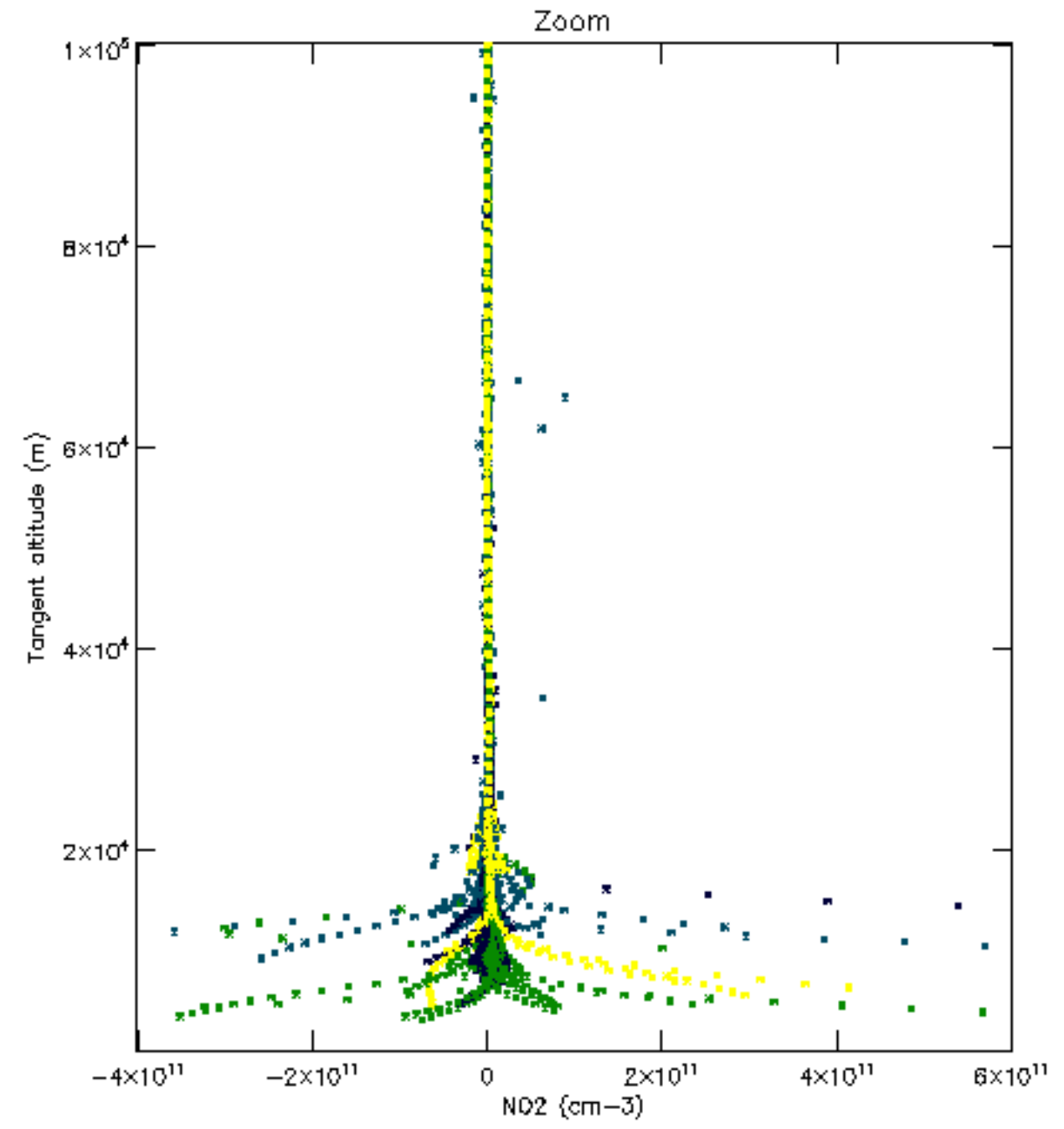
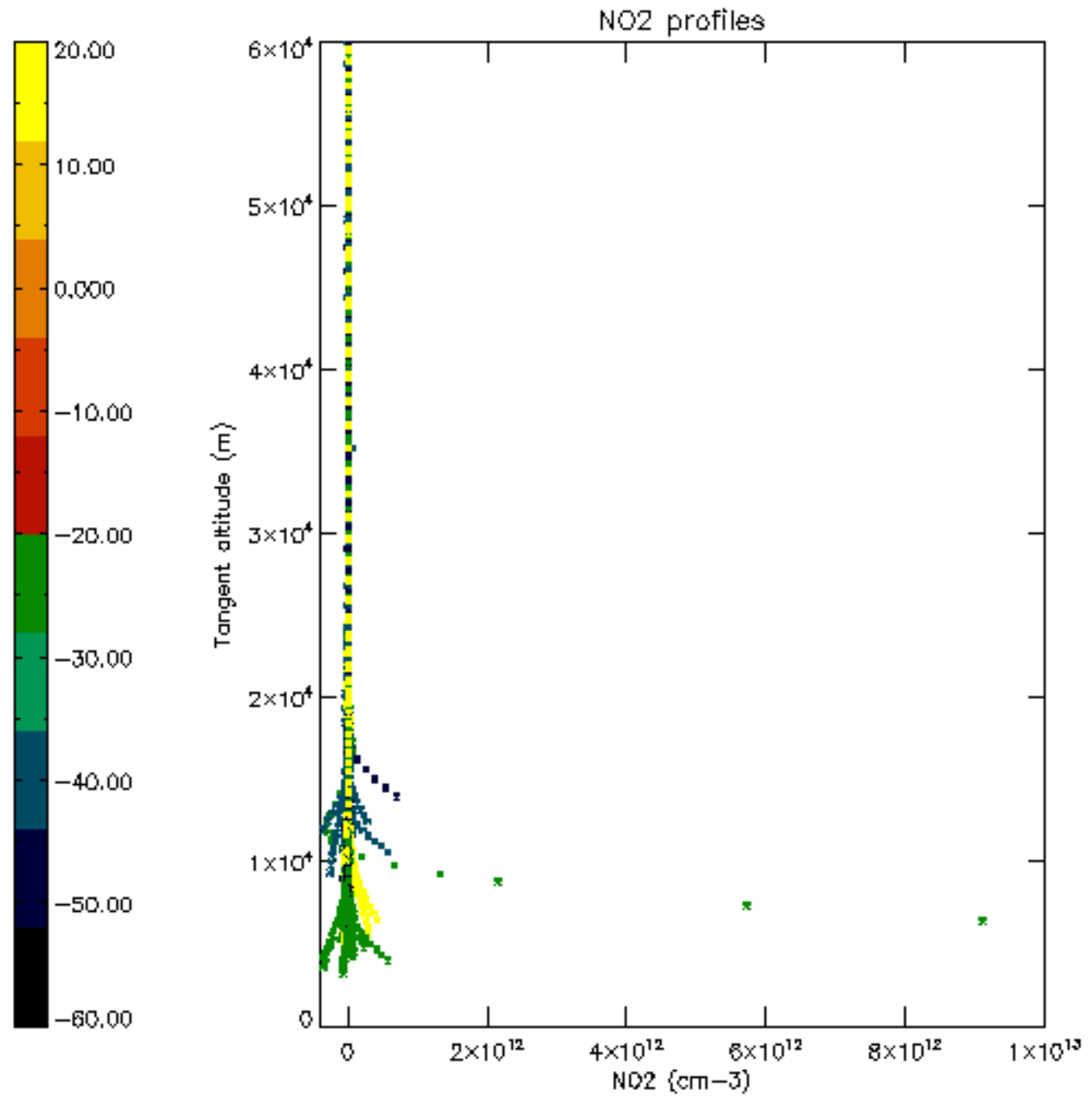


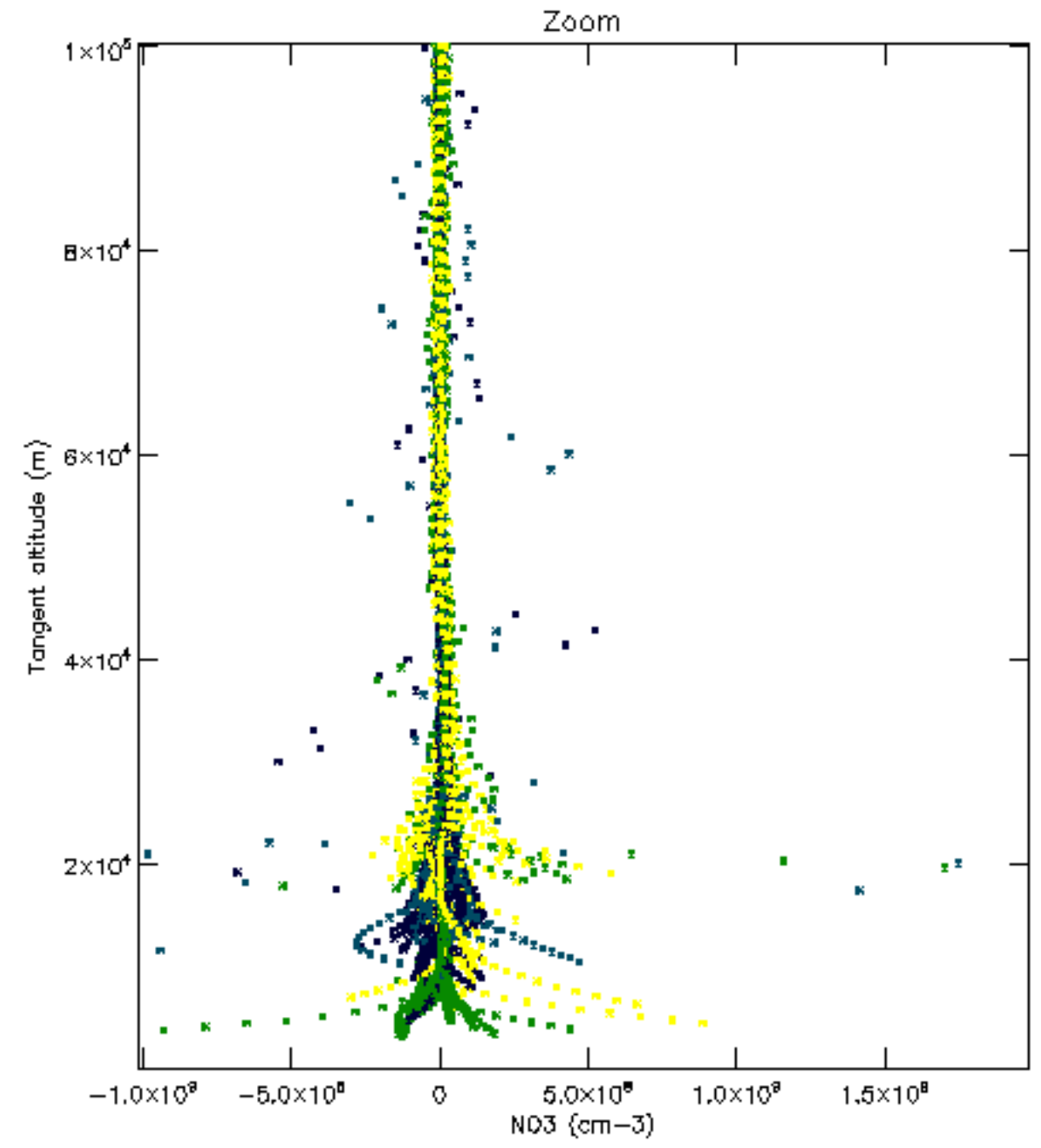
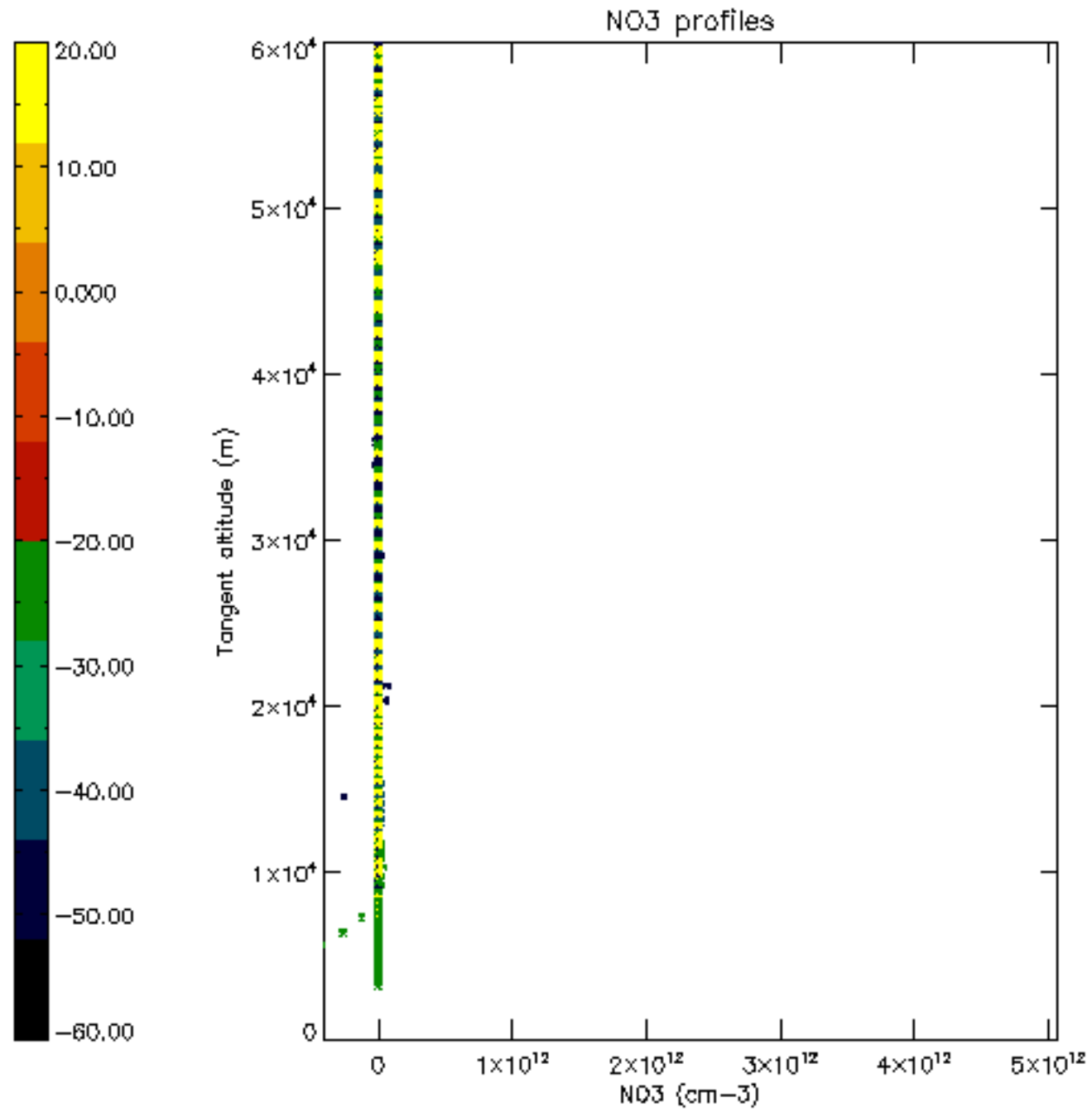


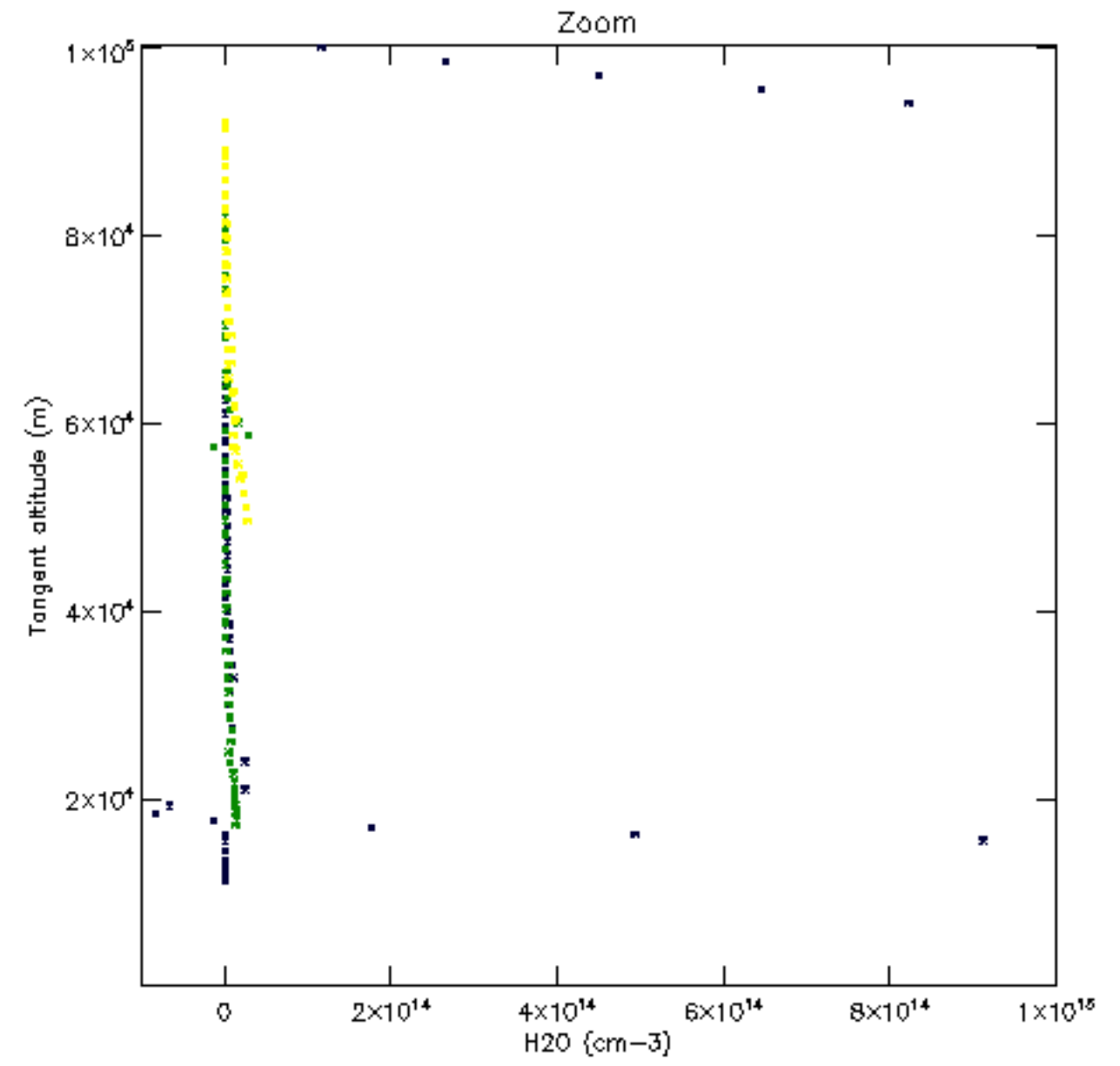
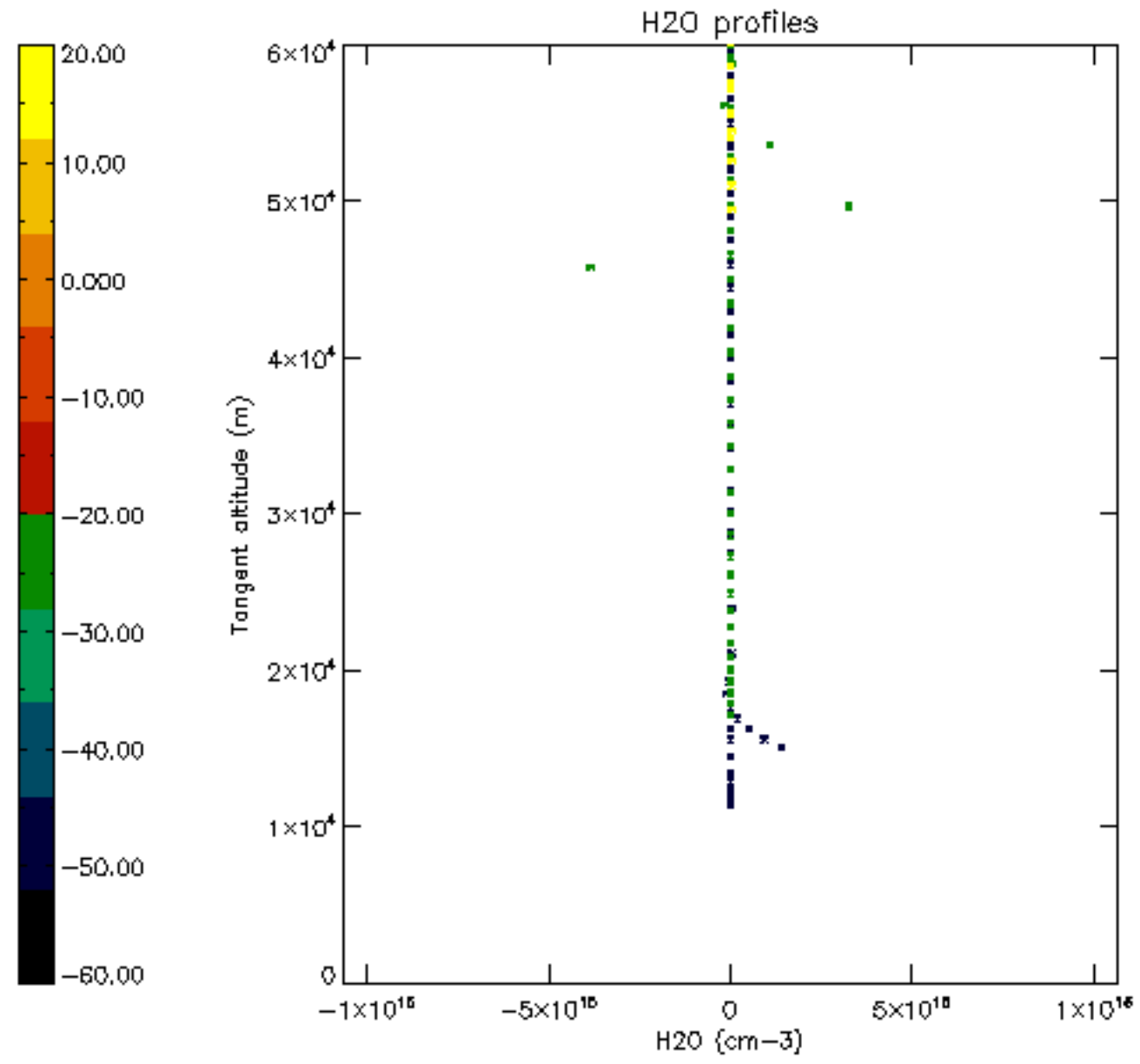


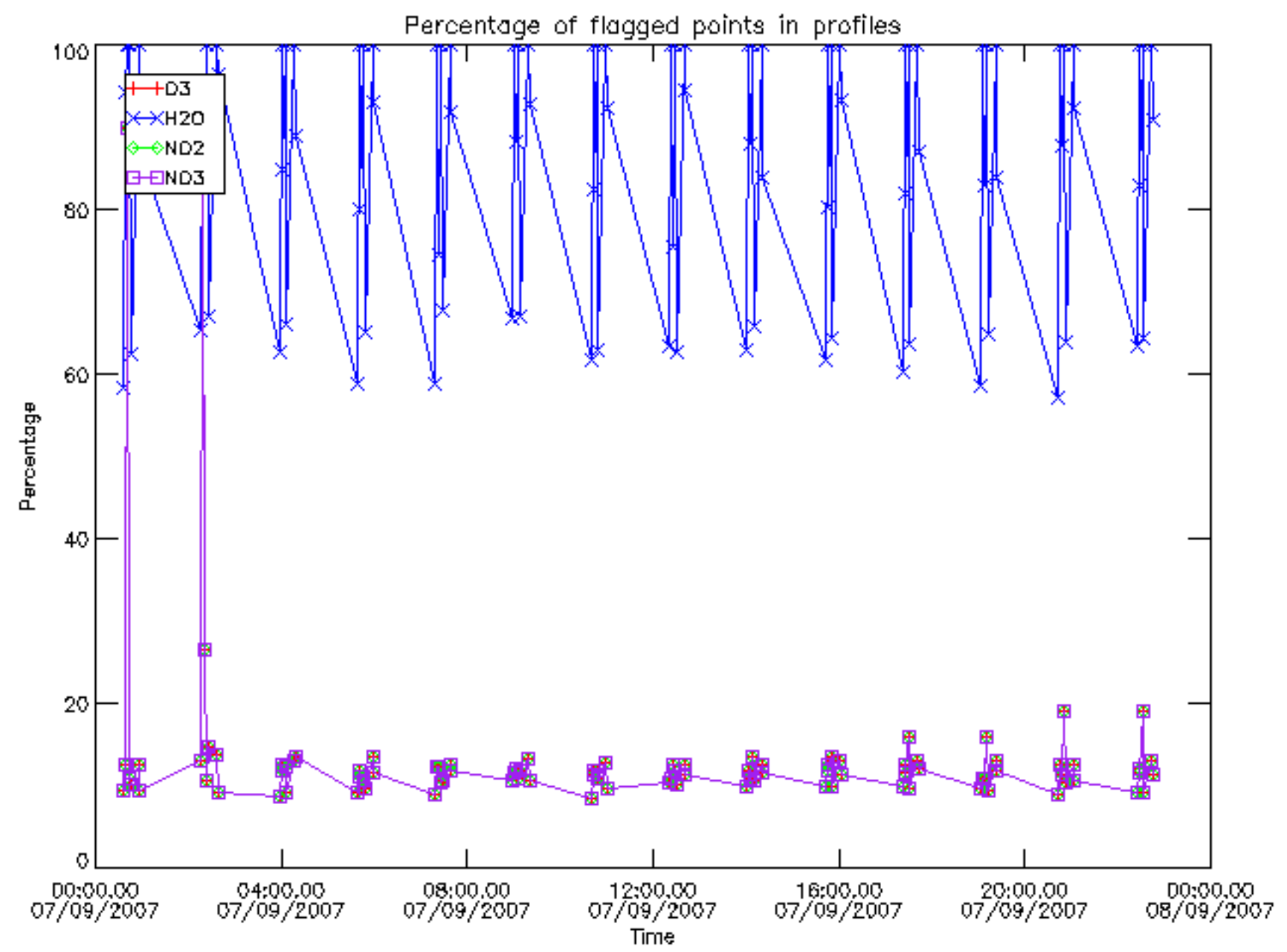




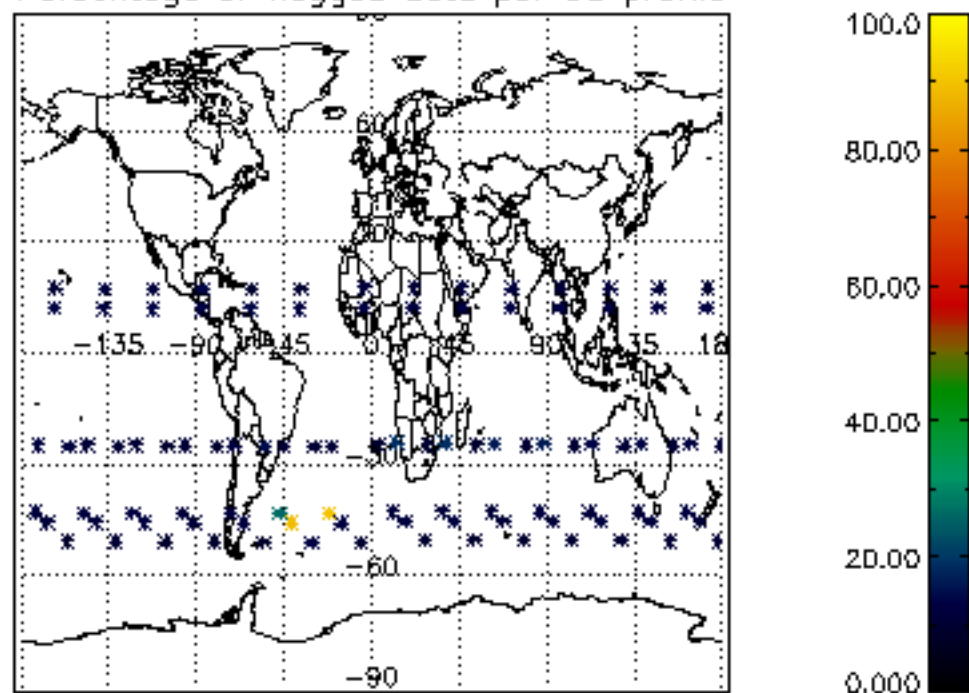




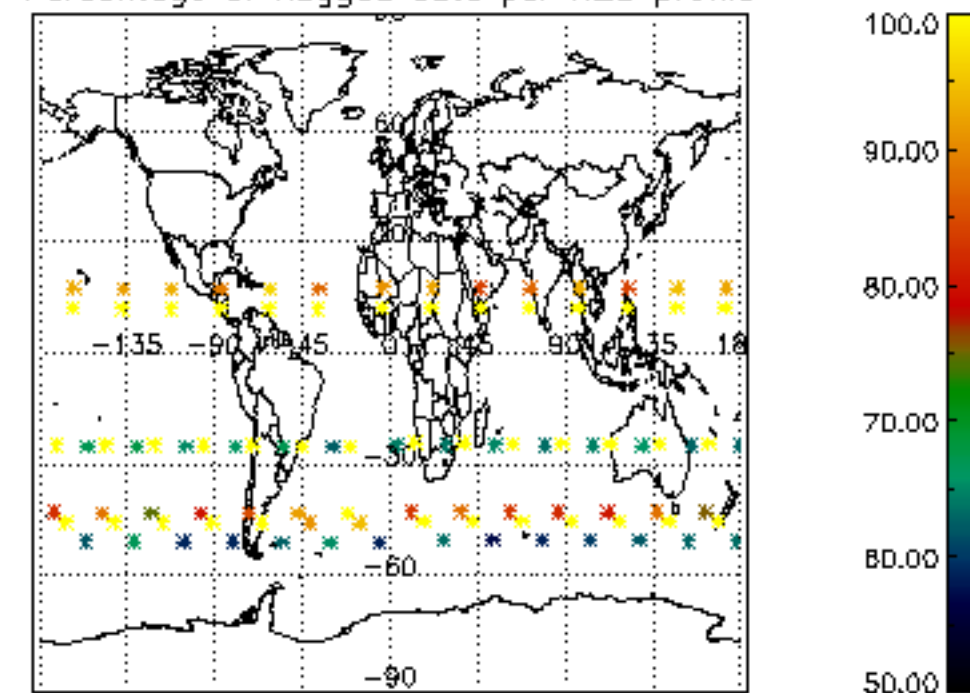




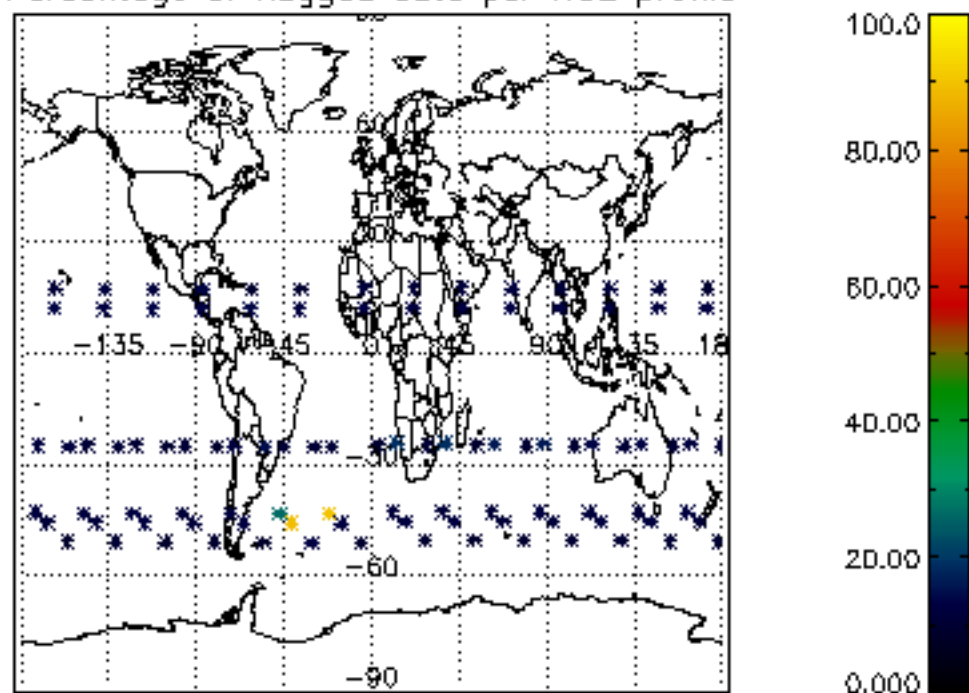
Percentage of flagged data per D3 profile



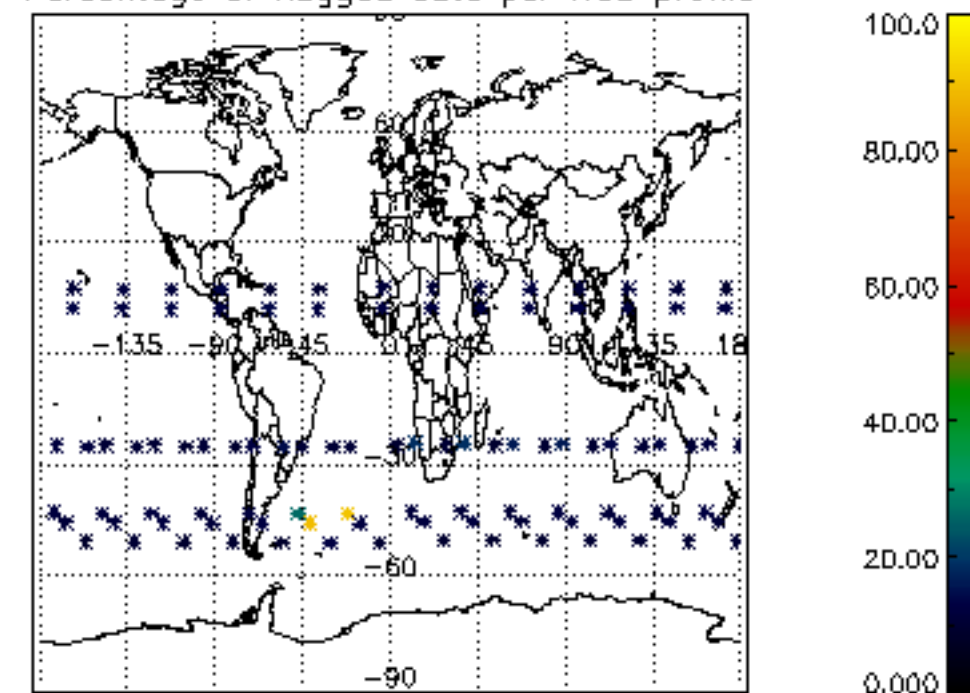
Percentage of flagged data per H2O profile

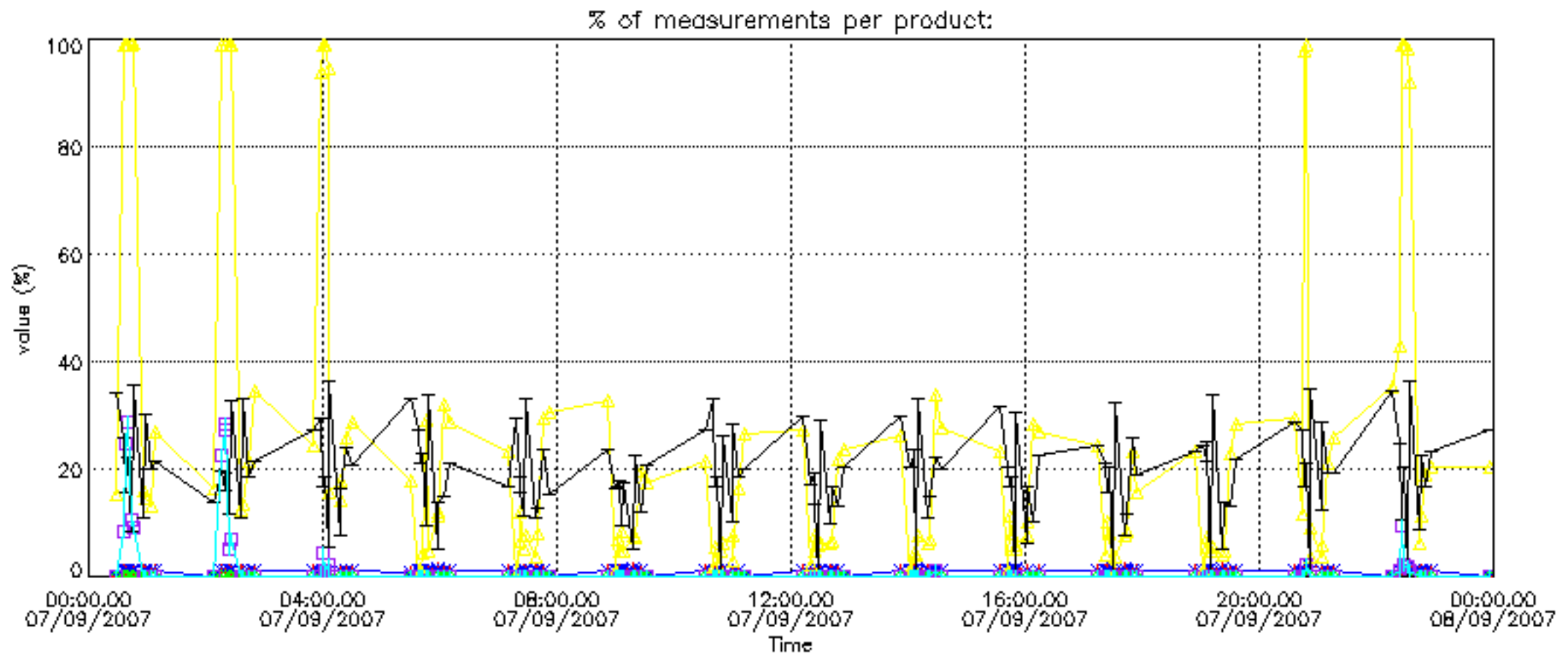


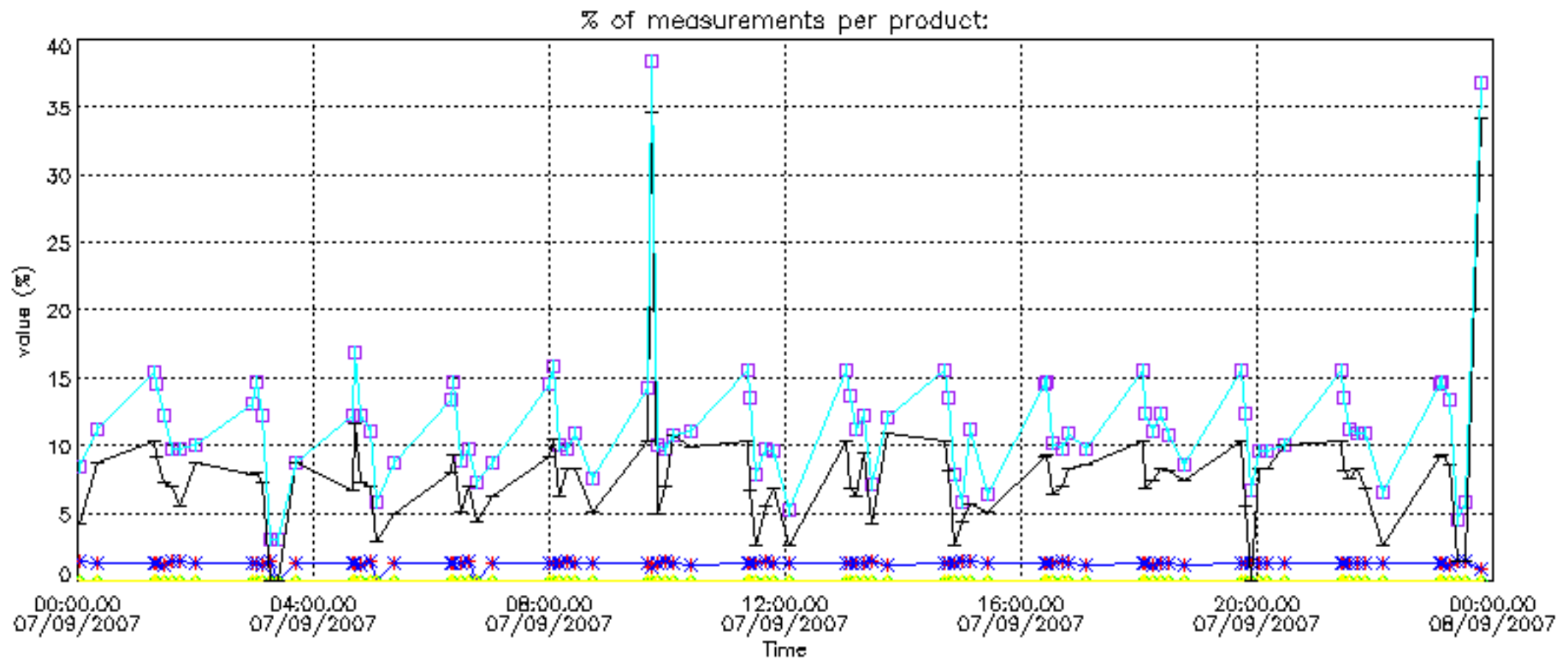
Percentage of flagged data per NO2 profile



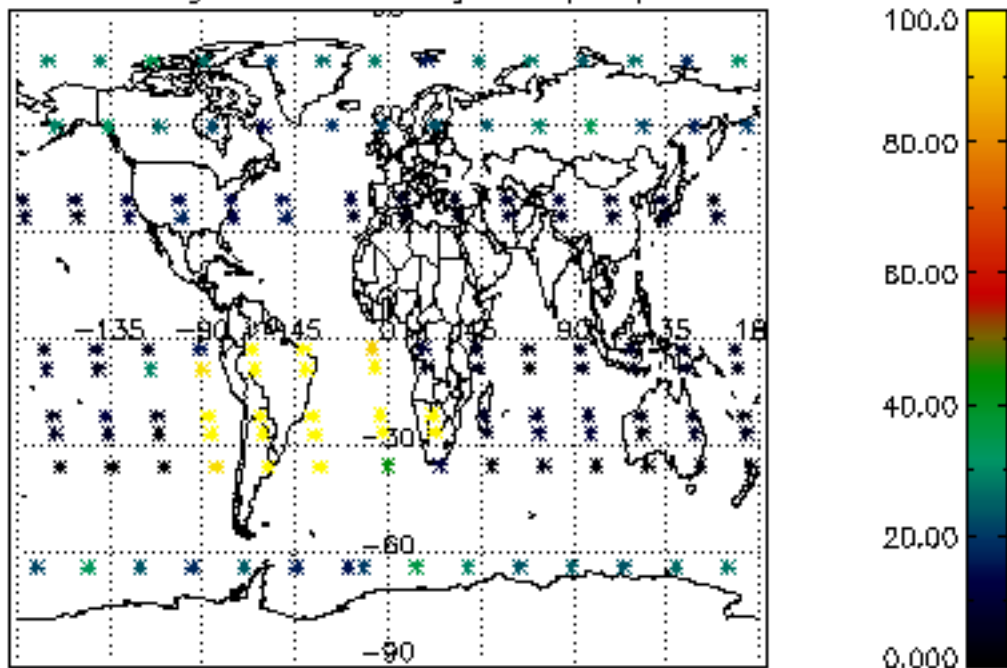
Percentage of flagged data per NO3 profile



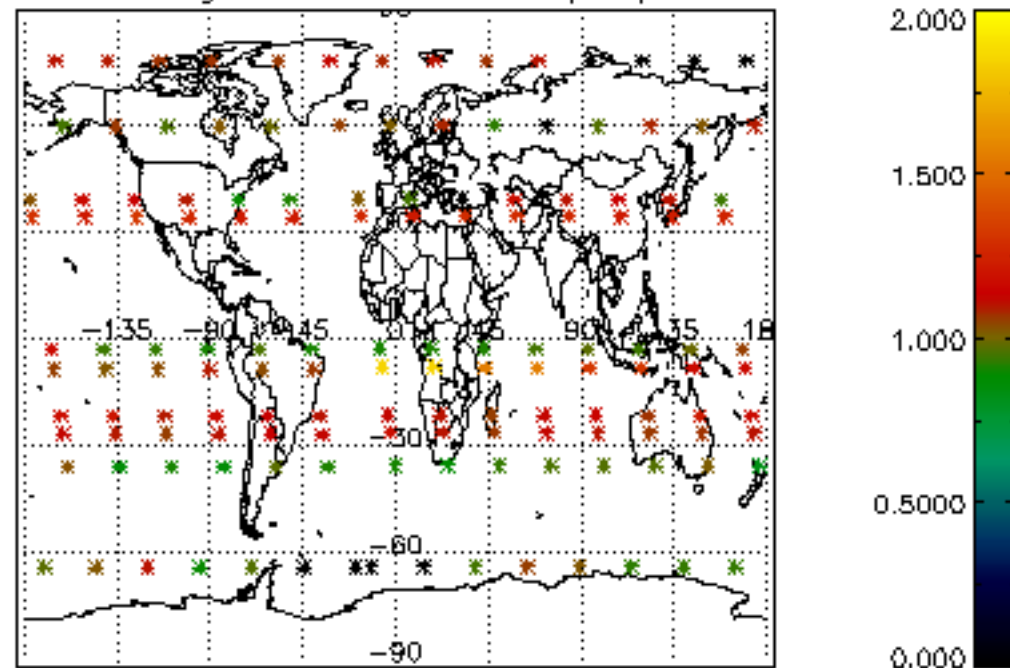




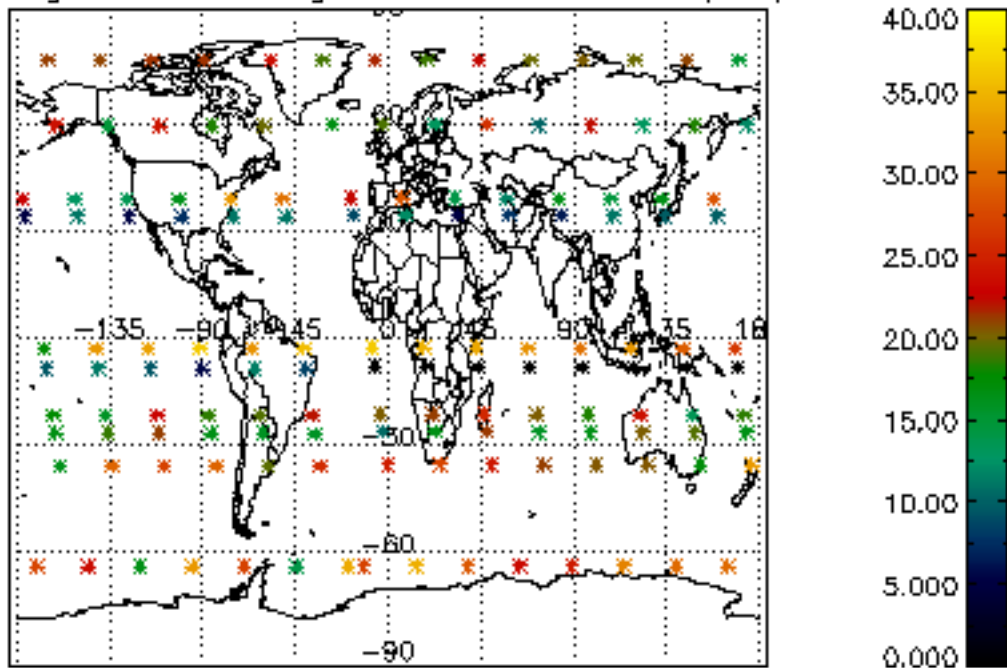
Percentage of cosmic ray hits per profile



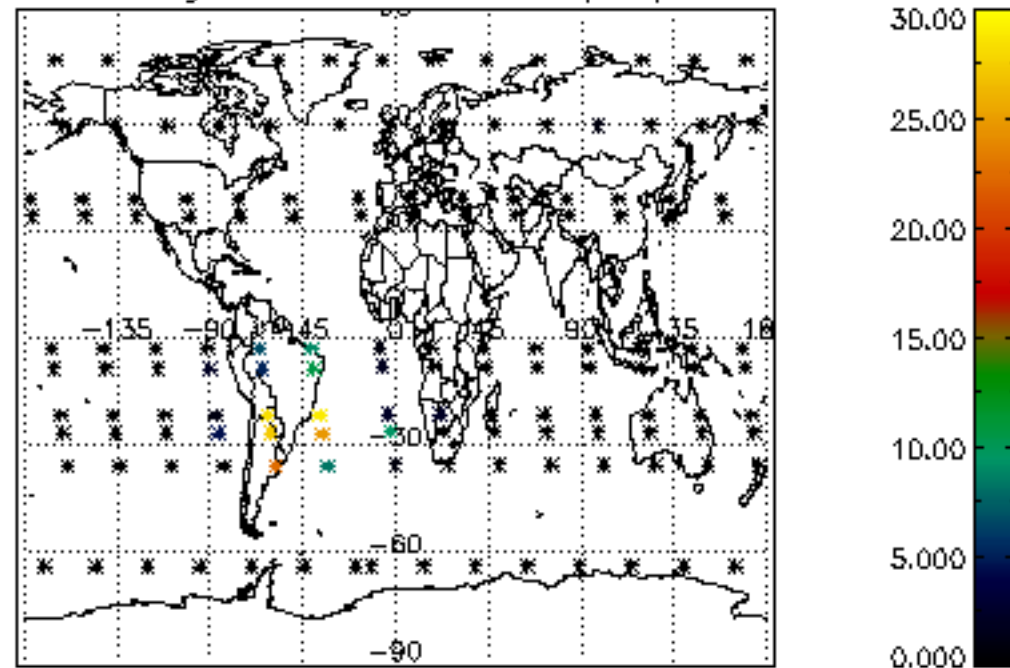
Percentage of datation errors per profile



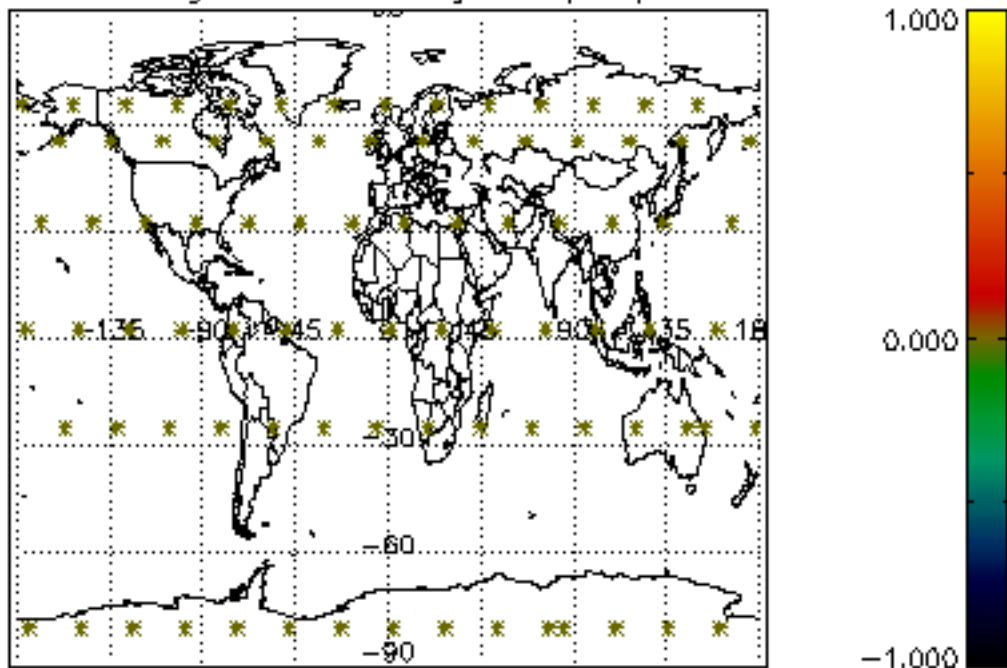
Percentage of star falling outside central band per profile



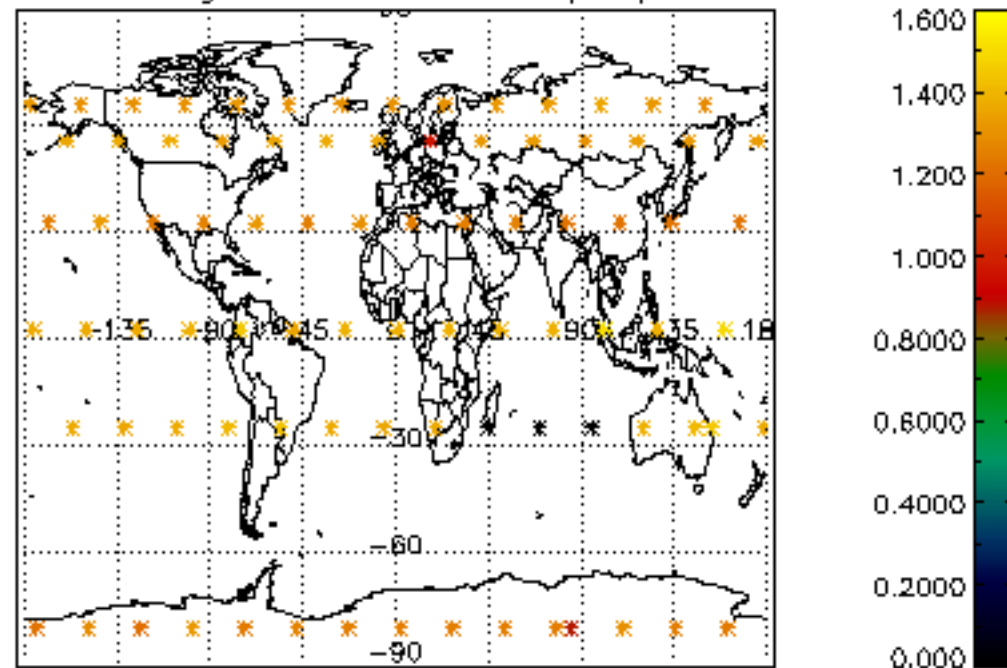
Percentage of saturation errors per profile



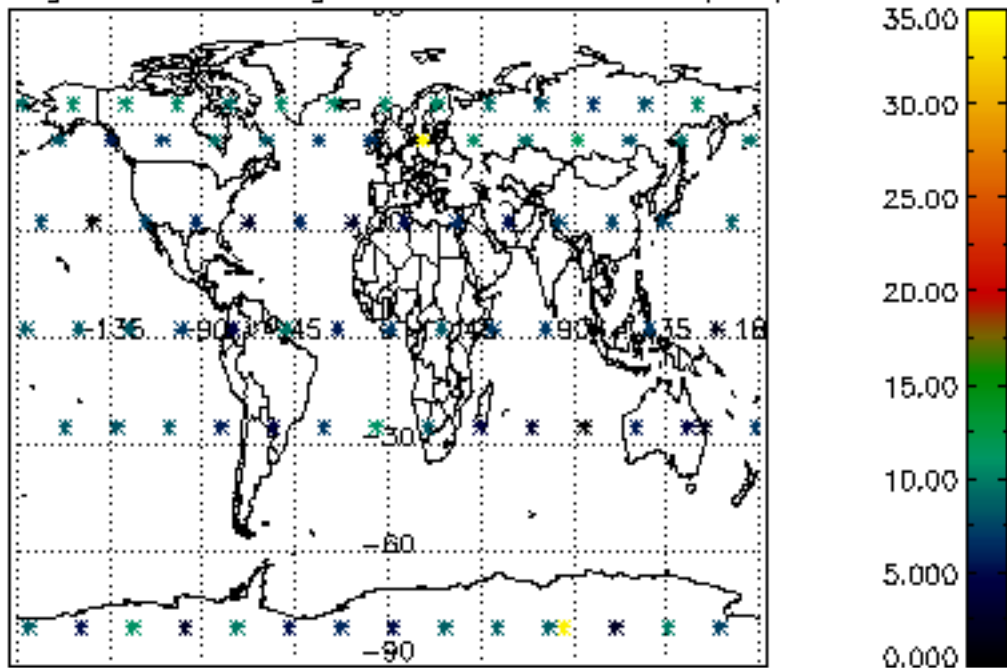
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

