

# 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	25APR2013 19:16:35
Data source version	GOMOS/6.01
Start time of products	26-08-2008 (26AUG2008 00:00:00)
Stop time of products	27-08-2008 (27AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	299
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__2PRFIN20080826_000035_00000382071_00302_33923_8888.N1	26-AUG-2008 00:00:35	Twilight	37.500	153	3Bet CMi	2.8940	13100.	75	33923	No
2	GOM_NL__2PRFIN20080826_000832_000000472071_00302_33923_8889.N1	26-AUG-2008 00:08:32	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	33923	No
3	GOM_NL__2PRFIN20080826_000957_000000402071_00302_33923_8890.N1	26-AUG-2008 00:09:57	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33923	No
4	GOM_NL__2PRFIN20080826_001125_000000422071_00302_33923_8891.N1	26-AUG-2008 00:11:25	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33923	No
5	GOM_NL__2PRFIN20080826_001251_000000422071_00302_33923_8892.N1	26-AUG-2008 00:12:51	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33923	No
6	GOM_NL__2PRFIN20080826_001814_000000532071_00302_33923_8893.N1	26-AUG-2008 00:18:14	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	33923	No
7	GOM_NL__2PRFIN20080826_002933_000000452071_00303_33924_8881.N1	26-AUG-2008 00:29:33	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33924	No
8	GOM_NL__2PRFIN20080826_003802_000000402071_00303_33924_8882.N1	26-AUG-2008 00:38:02	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33924	No
9	GOM_NL__2PRFIN20080826_004205_000000512071_00303_33924_8883.N1	26-AUG-2008 00:42:05	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	33924	No
10	GOM_NL__2PRFIN20080826_004708_000000432071_00303_33924_8884.N1	26-AUG-2008 00:47:08	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	33924	No
11	GOM_NL__2PRFIN20080826_005021_000000392071_00303_33924_8885.N1	26-AUG-2008 00:50:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33924	No
12	GOM_NL__2PRFIN20080826_005159_000000422071_00303_33924_8886.N1	26-AUG-2008 00:51:59	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33924	No
13	GOM_NL__2PRFIN20080826_005502_000000402071_00303_33924_8887.N1	26-AUG-2008 00:55:02	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33924	No
14	GOM_NL__2PRFIN20080826_010146_000000362071_00303_33924_8888.N1	26-AUG-2008 01:01:46	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33924	No
15	GOM_NL__2PRFIN20080826_010333_000000362071_00303_33924_8889.N1	26-AUG-2008 01:03:33	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33924	No
16	GOM_NL__2PRFIN20080826_010458_000000352071_00303_33924_8890.N1	26-AUG-2008 01:04:58	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33924	No
17	GOM_NL__2PRFIN20080826_011005_000000372071_00303_33924_8891.N1	26-AUG-2008 01:10:05	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33924	No
18	GOM_NL__2PRFIN20080826_011735_000000342071_00303_33924_8892.N1	26-AUG-2008 01:17:35	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33924	No
19	GOM_NL__2PRFIN20080826_013420_000000532071_00303_33924_8893.N1	26-AUG-2008 01:34:20	Bright	53.000	24	66Alp Gem	1.5800	10200.	106	33924	No
20	GOM_NL__2PRFIN20080826_013802_000000542071_00303_33924_8894.N1	26-AUG-2008 01:38:02	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	33924	No
21	GOM_NL__2PRFIN20080826_013943_000000452071_00303_33924_8895.N1	26-AUG-2008 01:39:43	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	33924	No
22	GOM_NL__2PRFIN20080826_014151_000000412071_00303_33924_8896.N1	26-AUG-2008 01:41:51	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	33924	No
23	GOM_NL__2PRFIN20080826_014908_000000502071_00303_33924_8897.N1	26-AUG-2008 01:49:08	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	33924	No
24	GOM_NL__2PRFIN20080826_015202_000000442071_00303_33924_8898.N1	26-AUG-2008 01:52:02	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33924	No
25	GOM_NL__2PRFIN20080826_015850_000000532071_00303_33924_8899.N1	26-AUG-2008 01:58:50	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	33924	No
26	GOM_NL__2PRFIN20080826_021009_000000462071_00304_33925_8887.N1	26-AUG-2008 02:10:09	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33925	No
27	GOM_NL__2PRFIN20080826_021838_000000402071_00304_33925_8888.N1	26-AUG-2008 02:18:38	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33925	No
28	GOM_NL__2PRFIN20080826_022241_000000442071_00304_33925_8889.N1	26-AUG-2008 02:22:41	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	33925	No
29	GOM_NL__2PRFIN20080826_022744_000000502071_00304_33925_8890.N1	26-AUG-2008 02:27:44	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	33925	No
30	GOM_NL__2PRFIN20080826_023057_000000392071_00304_33925_8891.N1	26-AUG-2008 02:30:57	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33925	No
31	GOM_NL__2PRFIN20080826_023235_000000422071_00304_33925_8892.N1	26-AUG-2008 02:32:35	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33925	No
32	GOM_NL__2PRFIN20080826_023538_000000412071_00304_33925_8893.N1	26-AUG-2008 02:35:38	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33925	No
33	GOM_NL__2PRFIN20080826_024222_000000352071_00304_33925_8894.N1	26-AUG-2008 02:42:22	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33925	No
34	GOM_NL__2PRFIN20080826_024409_000000352071_00304_33925_8895.N1	26-AUG-2008 02:44:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33925	No
35	GOM_NL__2PRFIN20080826_024533_000000392071_00304_33925_8896.N1	26-AUG-2008 02:45:33	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	33925	No
36	GOM_NL__2PRFIN20080826_025041_000000342071_00304_33925_8897.N1	26-AUG-2008 02:50:41	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	33925	No
37	GOM_NL__2PRFIN20080826_025811_000000332071_00304_33925_8898.N1	26-AUG-2008 02:58:11	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33925	No
38	GOM_NL__2PRFIN20080826_031456_000000362071_00304_33925_8899.N1	26-AUG-2008 03:14:56	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33925	No
39	GOM_NL__2PRFIN20080826_031838_000000482071_00304_33925_8900.N1	26-AUG-2008 03:18:38	Twilight	47.500	151	13Mu Gem	2.8900	3000.0	95	33925	No
40	GOM_NL__2PRFIN20080826_032019_000000432071_00304_33925_8901.N1	26-AUG-2008 03:20:19	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	33925	No
41	GOM_NL__2PRFIN20080826_032227_000000442071_00304_33925_8902.N1	26-AUG-2008 03:22:27	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	33925	No
42	GOM_NL__2PRFIN20080826_032945_000000562071_00304_33925_8903.N1	26-AUG-2008 03:29:45	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	33925	No

43	GOM_NL__2PRFIN20080826_033110_000000402071_00304_33925_8904.N1	26-AUG-2008 03:31:10	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33925	No
44	GOM_NL__2PRFIN20080826_033238_000000402071_00304_33925_8905.N1	26-AUG-2008 03:32:38	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	33925	No
45	GOM_NL__2PRFIN20080826_033404_000000402071_00304_33925_8906.N1	26-AUG-2008 03:34:04	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33925	No
46	GOM_NL__2PRFIN20080826_033927_000000532071_00304_33925_8907.N1	26-AUG-2008 03:39:27	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33925	No
47	GOM_NL__2PRFIN20080826_035046_000000472071_00305_33926_8894.N1	26-AUG-2008 03:50:46	Dark	46.500	9	Alp Eri	0.45300	24000.	93	33926	No
48	GOM_NL__2PRFIN20080826_035915_000000392071_00305_33926_8895.N1	26-AUG-2008 03:59:15	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	33926	No
49	GOM_NL__2PRFIN20080826_040317_000000482071_00305_33926_8896.N1	26-AUG-2008 04:03:17	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33926	No
50	GOM_NL__2PRFIN20080826_040821_000000462071_00305_33926_8897.N1	26-AUG-2008 04:08:21	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	33926	No
51	GOM_NL__2PRFIN20080826_041133_000000382071_00305_33926_8898.N1	26-AUG-2008 04:11:33	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	33926	No
52	GOM_NL__2PRFIN20080826_041311_000000422071_00305_33926_8899.N1	26-AUG-2008 04:13:11	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33926	No
53	GOM_NL__2PRFIN20080826_041614_000000412071_00305_33926_8900.N1	26-AUG-2008 04:16:14	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	33926	No
54	GOM_NL__2PRFIN20080826_042258_000000352071_00305_33926_8901.N1	26-AUG-2008 04:22:58	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33926	No
55	GOM_NL__2PRFIN20080826_042445_000000342071_00305_33926_8902.N1	26-AUG-2008 04:24:45	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	33926	No
56	GOM_NL__2PRFIN20080826_042609_000000352071_00305_33926_8903.N1	26-AUG-2008 04:26:09	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	33926	No
57	GOM_NL__2PRFIN20080826_043117_000000372071_00305_33926_8904.N1	26-AUG-2008 04:31:17	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33926	No
58	GOM_NL__2PRFIN20080826_043847_000000342071_00305_33926_8905.N1	26-AUG-2008 04:38:47	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33926	No
59	GOM_NL__2PRFIN20080826_045533_000000372071_00305_33926_8906.N1	26-AUG-2008 04:55:33	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33926	No
60	GOM_NL__2PRFIN20080826_045914_000000512071_00305_33926_8907.N1	26-AUG-2008 04:59:14	Tw_i_and_stray	50.500	151	13Mu Gem	2.8900	3000.0	101	33926	No
61	GOM_NL__2PRFIN20080826_050055_000000482071_00305_33926_8908.N1	26-AUG-2008 05:00:55	Tw_i_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	33926	No
62	GOM_NL__2PRFIN20080826_050304_000000472071_00305_33926_8909.N1	26-AUG-2008 05:03:04	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	33926	No
63	GOM_NL__2PRFIN20080826_051021_000000492071_00305_33926_8910.N1	26-AUG-2008 05:10:21	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	33926	No
64	GOM_NL__2PRFIN20080826_051147_000000412071_00305_33926_8911.N1	26-AUG-2008 05:11:47	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	33926	No
65	GOM_NL__2PRFIN20080826_051314_000000402071_00305_33926_8912.N1	26-AUG-2008 05:13:14	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	33926	No
66	GOM_NL__2PRFIN20080826_051441_000000412071_00305_33926_8913.N1	26-AUG-2008 05:14:41	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	33926	No
67	GOM_NL__2PRFIN20080826_052003_000000502071_00305_33926_8914.N1	26-AUG-2008 05:20:03	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	33926	No
68	GOM_NL__2PRFIN20080826_053122_000000432071_00306_33927_8906.N1	26-AUG-2008 05:31:22	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33927	No
69	GOM_NL__2PRFIN20080826_053951_000000402071_00306_33927_8907.N1	26-AUG-2008 05:39:51	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33927	No
70	GOM_NL__2PRFIN20080826_054354_000000502071_00306_33927_8908.N1	26-AUG-2008 05:43:54	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33927	No
71	GOM_NL__2PRFIN20080826_054857_000000512071_00306_33927_8909.N1	26-AUG-2008 05:48:57	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	33927	No
72	GOM_NL__2PRFIN20080826_055209_000000392071_00306_33927_8910.N1	26-AUG-2008 05:52:09	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33927	No
73	GOM_NL__2PRFIN20080826_055347_000000412071_00306_33927_8911.N1	26-AUG-2008 05:53:47	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33927	No
74	GOM_NL__2PRFIN20080826_055650_000000412071_00306_33927_8912.N1	26-AUG-2008 05:56:50	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33927	No
75	GOM_NL__2PRFIN20080826_060334_000000352071_00306_33927_8913.N1	26-AUG-2008 06:03:34	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33927	No
76	GOM_NL__2PRFIN20080826_060521_000000372071_00306_33927_8914.N1	26-AUG-2008 06:05:21	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33927	No
77	GOM_NL__2PRFIN20080826_060645_000000382071_00306_33927_8915.N1	26-AUG-2008 06:06:45	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33927	No
78	GOM_NL__2PRFIN20080826_061153_000000372071_00306_33927_8916.N1	26-AUG-2008 06:11:53	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33927	No
79	GOM_NL__2PRFIN20080826_061923_000000362071_00306_33927_8917.N1	26-AUG-2008 06:19:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33927	No
80	GOM_NL__2PRFIN20080826_063609_000000352071_00306_33927_8918.N1	26-AUG-2008 06:36:09	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33927	No
81	GOM_NL__2PRFIN20080826_063951_000000532071_00306_33927_8919.N1	26-AUG-2008 06:39:51	Tw_i_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	33927	No
82	GOM_NL__2PRFIN20080826_064132_000000452071_00306_33927_8920.N1	26-AUG-2008 06:41:32	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	33927	No
83	GOM_NL__2PRFIN20080826_064340_000000522071_00306_33927_8921.N1	26-AUG-2008 06:43:40	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	33927	No
84	GOM_NL__2PRFIN20080826_065058_000000542071_00306_33927_8922.N1	26-AUG-2008 06:50:58	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	33927	No
85	GOM_NL__2PRFIN20080826_065223_000000392071_00306_33927_8923.N1	26-AUG-2008 06:52:23	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33927	No
86	GOM_NL__2PRFIN20080826_065351_000000442071_00306_33927_8924.N1	26-AUG-2008 06:53:51	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33927	No
87	GOM_NL__2PRFIN20080826_065518_000000412071_00306_33927_8925.N1	26-AUG-2008 06:55:18	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33927	No
88	GOM_NL__2PRFIN20080826_070040_000000452071_00306_33927_8926.N1	26-AUG-2008 07:00:40	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	33927	No
89	GOM_NL__2PRFIN20080826_071159_000000452071_00307_33928_8913.N1	26-AUG-2008 07:11:59	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33928	No
90	GOM_NL__2PRFIN20080826_072027_000000392071_00307_33928_8914.N1	26-AUG-2008 07:20:27	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	33928	No
91	GOM_NL__2PRFIN20080826_072430_000000522071_00307_33928_8915.N1	26-AUG-2008 07:24:30	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	33928	No
92	GOM_NL__2PRFIN20080826_072933_000000502071_00307_33928_8916.N1	26-AUG-2008 07:29:33	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	33928	No
93	GOM_NL__2PRFIN20080826_073245_000000392071_00307_33928_8917.N1	26-AUG-2008 07:32:45	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33928	No
94	GOM_NL__2PRFIN20080826_073423_000000422071_00307_33928_8918.N1	26-AUG-2008 07:34:23	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33928	No
95	GOM_NL__2PRFIN20080826_073725_000000402071_00307_33928_8919.N1	26-AUG-2008 07:37:25	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33928	No
96	GOM_NL__2PRFIN20080826_074410_000000342071_00307_33928_8920.N1	26-AUG-2008 07:44:10	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33928	No
97	GOM_NL__2PRFIN20080826_074557_000000372071_00307_33928_8921.N1	26-AUG-2008 07:45:57	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33928	No
98	GOM_NL__2PRFIN20080826_074721_000000392071_00307_33928_8922.N1	26-AUG-2008 07:47:21	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	33928	No
99	GOM_NL__2PRFIN20080826_075229_000000372071_00307_33928_8923.N1	26-AUG-2008 07:52:29	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33928	No
100	GOM_NL__2PRFIN20080826_075959_000000352071_00307_33928_8924.N1	26-AUG-2008 07:59:59	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33928	No
101	GOM_NL__2PRFIN20080826_081645_000000352071_00307_33928_8925.N1	26-AUG-2008 08:16:45	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33928	No

102	GOM_NL__2PRFIN20080826_082027_000000542071_00307_33928_8926.N1	26-AUG-2008 08:20:27	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	33928	No
103	GOM_NL__2PRFIN20080826_082208_000000482071_00307_33928_8927.N1	26-AUG-2008 08:22:08	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	33928	No
104	GOM_NL__2PRFIN20080826_082416_000000382071_00307_33928_8928.N1	26-AUG-2008 08:24:16	Twilight	38.000	8	10Alp CMI	0.40000	6500.0	76	33928	No
105	GOM_NL__2PRFIN20080826_083134_000000482071_00307_33928_8929.N1	26-AUG-2008 08:31:34	Dark	48.000	1	9Alp CMA	-1.4400	11000.	96	33928	No
106	GOM_NL__2PRFIN20080826_083259_000000402071_00307_33928_8930.N1	26-AUG-2008 08:32:59	Dark	39.500	179	24Omi2CMA	3.0320	24000.	79	33928	No
107	GOM_NL__2PRFIN20080826_083427_000000432071_00307_33928_8931.N1	26-AUG-2008 08:34:27	Dark	43.000	23	21Eps CMA	1.5020	26000.	86	33928	No
108	GOM_NL__2PRFIN20080826_083554_000000402071_00307_33928_8932.N1	26-AUG-2008 08:35:54	Dark	39.500	177	1Zet CMA	3.0220	26000.	79	33928	No
109	GOM_NL__2PRFIN20080826_084116_000000442071_00307_33928_8933.N1	26-AUG-2008 08:41:16	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	33928	No
110	GOM_NL__2PRFIN20080826_085236_000000542071_00308_33929_8925.N1	26-AUG-2008 08:52:36	Dark	53.500	9	Alp Eri	0.45300	24000.	107	33929	No
111	GOM_NL__2PRFIN20080826_090103_000000422071_00308_33929_8926.N1	26-AUG-2008 09:01:03	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33929	No
112	GOM_NL__2PRFIN20080826_090506_000000512071_00308_33929_8927.N1	26-AUG-2008 09:05:06	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	33929	No
113	GOM_NL__2PRFIN20080826_091009_000000452071_00308_33929_8928.N1	26-AUG-2008 09:10:09	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33929	No
114	GOM_NL__2PRFIN20080826_091321_000000392071_00308_33929_8929.N1	26-AUG-2008 09:13:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33929	No
115	GOM_NL__2PRFIN20080826_091459_000000412071_00308_33929_8930.N1	26-AUG-2008 09:14:59	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33929	No
116	GOM_NL__2PRFIN20080826_091801_000000392071_00308_33929_8931.N1	26-AUG-2008 09:18:01	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33929	No
117	GOM_NL__2PRFIN20080826_092446_000000352071_00308_33929_8932.N1	26-AUG-2008 09:24:46	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33929	No
118	GOM_NL__2PRFIN20080826_092633_000000362071_00308_33929_8933.N1	26-AUG-2008 09:26:33	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33929	No
119	GOM_NL__2PRFIN20080826_092757_000000372071_00308_33929_8934.N1	26-AUG-2008 09:27:57	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	33929	No
120	GOM_NL__2PRFIN20080826_093304_000000372071_00308_33929_8935.N1	26-AUG-2008 09:33:04	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33929	No
121	GOM_NL__2PRFIN20080826_094035_000000362071_00308_33929_8936.N1	26-AUG-2008 09:40:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33929	No
122	GOM_NL__2PRFIN20080826_095721_000000372071_00308_33929_8937.N1	26-AUG-2008 09:57:21	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33929	No
123	GOM_NL__2PRFIN20080826_100103_000000542071_00308_33929_8938.N1	26-AUG-2008 10:01:03	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	33929	No
124	GOM_NL__2PRFIN20080826_100244_000000462071_00308_33929_8939.N1	26-AUG-2008 10:02:44	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33929	No
125	GOM_NL__2PRFIN20080826_100452_000000382071_00308_33929_8940.N1	26-AUG-2008 10:04:52	Twilight	37.500	8	10Alp CMI	0.40000	6500.0	75	33929	No
126	GOM_NL__2PRFIN20080826_101211_000000462071_00308_33929_8941.N1	26-AUG-2008 10:12:11	Dark	46.000	1	9Alp CMA	-1.4400	11000.	92	33929	No
127	GOM_NL__2PRFIN20080826_101336_000000402071_00308_33929_8942.N1	26-AUG-2008 10:13:36	Dark	40.000	179	24Omi2CMA	3.0320	24000.	80	33929	No
128	GOM_NL__2PRFIN20080826_101504_000000402071_00308_33929_8943.N1	26-AUG-2008 10:15:04	Dark	39.500	23	21Eps CMA	1.5020	26000.	79	33929	No
129	GOM_NL__2PRFIN20080826_101631_000000412071_00308_33929_8944.N1	26-AUG-2008 10:16:31	Dark	41.000	177	1Zet CMA	3.0220	26000.	82	33929	No
130	GOM_NL__2PRFIN20080826_102152_000000482071_00308_33929_8945.N1	26-AUG-2008 10:21:52	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	33929	No
131	GOM_NL__2PRFIN20080826_103312_000000462071_00309_33930_8937.N1	26-AUG-2008 10:33:12	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33930	No
132	GOM_NL__2PRFIN20080826_104140_000000412071_00309_33930_8938.N1	26-AUG-2008 10:41:40	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33930	No
133	GOM_NL__2PRFIN20080826_104542_000000502071_00309_33930_8939.N1	26-AUG-2008 10:45:42	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33930	No
134	GOM_NL__2PRFIN20080826_105045_000000512071_00309_33930_8940.N1	26-AUG-2008 10:50:45	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	33930	No
135	GOM_NL__2PRFIN20080826_105357_000000392071_00309_33930_8941.N1	26-AUG-2008 10:53:57	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33930	No
136	GOM_NL__2PRFIN20080826_105535_000000422071_00309_33930_8942.N1	26-AUG-2008 10:55:35	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33930	No
137	GOM_NL__2PRFIN20080826_105837_000000392071_00309_33930_8943.N1	26-AUG-2008 10:58:37	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	33930	No
138	GOM_NL__2PRFIN20080826_110521_000000352071_00309_33930_8944.N1	26-AUG-2008 11:05:21	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33930	No
139	GOM_NL__2PRFIN20080826_110709_000000362071_00309_33930_8945.N1	26-AUG-2008 11:07:09	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33930	No
140	GOM_NL__2PRFIN20080826_110833_000000382071_00309_33930_8946.N1	26-AUG-2008 11:08:33	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33930	No
141	GOM_NL__2PRFIN20080826_111340_000000362071_00309_33930_8947.N1	26-AUG-2008 11:13:40	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33930	No
142	GOM_NL__2PRFIN20080826_112111_000000362071_00309_33930_8948.N1	26-AUG-2008 11:21:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33930	No
143	GOM_NL__2PRFIN20080826_113757_000000352071_00309_33930_8949.N1	26-AUG-2008 11:37:57	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	33930	No
144	GOM_NL__2PRFIN20080826_114139_000000502071_00309_33930_8950.N1	26-AUG-2008 11:41:39	Twilight	49.500	151	13Mu Gem	2.8900	3000.0	99	33930	No
145	GOM_NL__2PRFIN20080826_114320_000000432071_00309_33930_8951.N1	26-AUG-2008 11:43:20	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	33930	No
146	GOM_NL__2PRFIN20080826_114529_000000382071_00309_33930_8952.N1	26-AUG-2008 11:45:29	Twilight	38.000	8	10Alp CMI	0.40000	6500.0	76	33930	No
147	GOM_NL__2PRFIN20080826_115247_000000472071_00309_33930_8953.N1	26-AUG-2008 11:52:47	Dark	47.000	1	9Alp CMA	-1.4400	11000.	94	33930	No
148	GOM_NL__2PRFIN20080826_115412_000000392071_00309_33930_8954.N1	26-AUG-2008 11:54:12	Dark	39.000	179	24Omi2CMA	3.0320	24000.	78	33930	No
149	GOM_NL__2PRFIN20080826_115540_000000442071_00309_33930_8955.N1	26-AUG-2008 11:55:40	Dark	43.500	23	21Eps CMA	1.5020	26000.	87	33930	No
150	GOM_NL__2PRFIN20080826_115707_000000382071_00309_33930_8956.N1	26-AUG-2008 11:57:07	Dark	38.000	177	1Zet CMA	3.0220	26000.	76	33930	No
151	GOM_NL__2PRFIN20080826_120228_000000512071_00309_33930_8957.N1	26-AUG-2008 12:02:28	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	33930	No
152	GOM_NL__2PRFIN20080826_121349_000000462071_00310_33931_8944.N1	26-AUG-2008 12:13:49	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33931	No
153	GOM_NL__2PRFIN20080826_122216_000000412071_00310_33931_8945.N1	26-AUG-2008 12:22:16	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33931	No
154	GOM_NL__2PRFIN20080826_122619_000000502071_00310_33931_8946.N1	26-AUG-2008 12:26:19	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33931	No
155	GOM_NL__2PRFIN20080826_123121_000000552071_00310_33931_8947.N1	26-AUG-2008 12:31:21	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33931	No
156	GOM_NL__2PRFIN20080826_123433_000000392071_00310_33931_8948.N1	26-AUG-2008 12:34:33	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33931	No
157	GOM_NL__2PRFIN20080826_123610_000000422071_00310_33931_8949.N1	26-AUG-2008 12:36:10	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33931	No
158	GOM_NL__2PRFIN20080826_123913_000000382071_00310_33931_8950.N1	26-AUG-2008 12:39:13	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	33931	No
159	GOM_NL__2PRFIN20080826_124557_000000362071_00310_33931_8951.N1	26-AUG-2008 12:45:57	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	33931	No
160	GOM_NL__2PRFIN20080826_124745_000000372071_00310_33931_8952.N1	26-AUG-2008 12:47:45	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33931	No

161	GOM_NL__2PRFIN20080826_124909_000000382071_00310_33931_8953.N1	26-AUG-2008 12:49:09	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33931	No
162	GOM_NL__2PRFIN20080826_125416_000000392071_00310_33931_8954.N1	26-AUG-2008 12:54:16	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	33931	No
163	GOM_NL__2PRFIN20080826_130147_000000362071_00310_33931_8955.N1	26-AUG-2008 13:01:47	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33931	No
164	GOM_NL__2PRFIN20080826_131833_000000412071_00310_33931_8956.N1	26-AUG-2008 13:18:33	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	33931	No
165	GOM_NL__2PRFIN20080826_132215_000000532071_00310_33931_8957.N1	26-AUG-2008 13:22:15	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	33931	No
166	GOM_NL__2PRFIN20080826_132356_000000462071_00310_33931_8958.N1	26-AUG-2008 13:23:56	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33931	No
167	GOM_NL__2PRFIN20080826_132605_000000482071_00310_33931_8959.N1	26-AUG-2008 13:26:05	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	33931	No
168	GOM_NL__2PRFIN20080826_133323_000000502071_00310_33931_8960.N1	26-AUG-2008 13:33:23	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	33931	No
169	GOM_NL__2PRFIN20080826_133448_000000392071_00310_33931_8961.N1	26-AUG-2008 13:34:48	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33931	No
170	GOM_NL__2PRFIN20080826_133616_000000402071_00310_33931_8962.N1	26-AUG-2008 13:36:16	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	33931	No
171	GOM_NL__2PRFIN20080826_133743_000000402071_00310_33931_8963.N1	26-AUG-2008 13:37:43	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33931	No
172	GOM_NL__2PRFIN20080826_134305_000000532071_00310_33931_8964.N1	26-AUG-2008 13:43:05	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33931	No
173	GOM_NL__2PRFIN20080826_135425_000000522071_00311_33932_8974.N1	26-AUG-2008 13:54:25	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33932	No
174	GOM_NL__2PRFIN20080826_140252_000000412071_00311_33932_8975.N1	26-AUG-2008 14:02:52	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33932	No
175	GOM_NL__2PRFIN20080826_140655_000000472071_00311_33932_8976.N1	26-AUG-2008 14:06:55	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	33932	No
176	GOM_NL__2PRFIN20080826_141157_000000452071_00311_33932_8977.N1	26-AUG-2008 14:11:57	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33932	No
177	GOM_NL__2PRFIN20080826_141509_000000392071_00311_33932_8978.N1	26-AUG-2008 14:15:09	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33932	No
178	GOM_NL__2PRFIN20080826_141646_000000422071_00311_33932_8979.N1	26-AUG-2008 14:16:46	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33932	No
179	GOM_NL__2PRFIN20080826_141949_000000422071_00311_33932_8980.N1	26-AUG-2008 14:19:49	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	33932	No
180	GOM_NL__2PRFIN20080826_142633_000000382071_00311_33932_8981.N1	26-AUG-2008 14:26:33	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33932	No
181	GOM_NL__2PRFIN20080826_142821_000000352071_00311_33932_8982.N1	26-AUG-2008 14:28:21	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	33932	No
182	GOM_NL__2PRFIN20080826_142945_000000382071_00311_33932_8983.N1	26-AUG-2008 14:29:45	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33932	No
183	GOM_NL__2PRFIN20080826_143452_000000372071_00311_33932_8984.N1	26-AUG-2008 14:34:52	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33932	No
184	GOM_NL__2PRFIN20080826_144223_000000332071_00311_33932_8985.N1	26-AUG-2008 14:42:23	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33932	No
185	GOM_NL__2PRFIN20080826_145909_000000362071_00311_33932_8986.N1	26-AUG-2008 14:59:09	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33932	No
186	GOM_NL__2PRFIN20080826_150252_000000492071_00311_33932_8987.N1	26-AUG-2008 15:02:52	Twilight	49.000	151	13Mu Gem	2.8900	3000.0	98	33932	No
187	GOM_NL__2PRFIN20080826_150433_000000452071_00311_33932_8988.N1	26-AUG-2008 15:04:33	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	33932	No
188	GOM_NL__2PRFIN20080826_150641_000000472071_00311_33932_8989.N1	26-AUG-2008 15:06:41	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	33932	No
189	GOM_NL__2PRFIN20080826_151400_000000522071_00311_33932_8990.N1	26-AUG-2008 15:14:00	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	33932	No
190	GOM_NL__2PRFIN20080826_151524_000000402071_00311_33932_8991.N1	26-AUG-2008 15:15:24	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33932	No
191	GOM_NL__2PRFIN20080826_151653_000000422071_00311_33932_8992.N1	26-AUG-2008 15:16:53	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33932	No
192	GOM_NL__2PRFIN20080826_151820_000000402071_00311_33932_8993.N1	26-AUG-2008 15:18:20	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33932	No
193	GOM_NL__2PRFIN20080826_152341_000000522071_00311_33932_8994.N1	26-AUG-2008 15:23:41	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33932	No
194	GOM_NL__2PRFIN20080826_153502_000000452071_00312_33933_9012.N1	26-AUG-2008 15:35:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33933	No
195	GOM_NL__2PRFIN20080826_154328_000000442071_00312_33933_9013.N1	26-AUG-2008 15:43:28	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33933	No
196	GOM_NL__2PRFIN20080826_154731_000000482071_00312_33933_9014.N1	26-AUG-2008 15:47:31	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33933	No
197	GOM_NL__2PRFIN20080826_155233_000000552071_00312_33933_9015.N1	26-AUG-2008 15:52:33	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33933	No
198	GOM_NL__2PRFIN20080826_155545_000000392071_00312_33933_9016.N1	26-AUG-2008 15:55:45	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33933	No
199	GOM_NL__2PRFIN20080826_155722_000000422071_00312_33933_9017.N1	26-AUG-2008 15:57:22	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33933	No
200	GOM_NL__2PRFIN20080826_160024_000000402071_00312_33933_9018.N1	26-AUG-2008 16:00:24	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33933	No
201	GOM_NL__2PRFIN20080826_160709_000000392071_00312_33933_9019.N1	26-AUG-2008 16:07:09	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	33933	No
202	GOM_NL__2PRFIN20080826_160857_000000372071_00312_33933_9020.N1	26-AUG-2008 16:08:57	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33933	No
203	GOM_NL__2PRFIN20080826_161021_000000372071_00312_33933_9021.N1	26-AUG-2008 16:10:21	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33933	No
204	GOM_NL__2PRFIN20080826_161527_000000352071_00312_33933_9022.N1	26-AUG-2008 16:15:27	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	33933	No
205	GOM_NL__2PRFIN20080826_162259_000000372071_00312_33933_9023.N1	26-AUG-2008 16:22:59	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33933	No
206	GOM_NL__2PRFIN20080826_163945_000000372071_00312_33933_9024.N1	26-AUG-2008 16:39:45	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33933	No
207	GOM_NL__2PRFIN20080826_164328_000000532071_00312_33933_9025.N1	26-AUG-2008 16:43:28	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	33933	No
208	GOM_NL__2PRFIN20080826_164509_000000462071_00312_33933_9026.N1	26-AUG-2008 16:45:09	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	33933	No
209	GOM_NL__2PRFIN20080826_164717_000000522071_00312_33933_9027.N1	26-AUG-2008 16:47:17	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	33933	No
210	GOM_NL__2PRFIN20080826_165437_000000492071_00312_33933_9028.N1	26-AUG-2008 16:54:37	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	33933	No
211	GOM_NL__2PRFIN20080826_165601_000000392071_00312_33933_9029.N1	26-AUG-2008 16:56:01	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33933	No
212	GOM_NL__2PRFIN20080826_165729_000000452071_00312_33933_9030.N1	26-AUG-2008 16:57:29	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	33933	No
213	GOM_NL__2PRFIN20080826_165857_000000412071_00312_33933_9031.N1	26-AUG-2008 16:58:57	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33933	No
214	GOM_NL__2PRFIN20080826_170417_000000462071_00312_33933_9032.N1	26-AUG-2008 17:04:17	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	33933	No
215	GOM_NL__2PRFIN20080826_171538_000000442071_00313_33934_9059.N1	26-AUG-2008 17:15:38	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33934	No
216	GOM_NL__2PRFIN20080826_172405_000000412071_00313_33934_9060.N1	26-AUG-2008 17:24:05	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33934	No
217	GOM_NL__2PRFIN20080826_172807_000000492071_00313_33934_9061.N1	26-AUG-2008 17:28:07	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33934	No
218	GOM_NL__2PRFIN20080826_173309_000000552071_00313_33934_9062.N1	26-AUG-2008 17:33:09	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33934	No
219	GOM_NL__2PRFIN20080826_173621_000000392071_00313_33934_9063.N1	26-AUG-2008 17:36:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33934	No

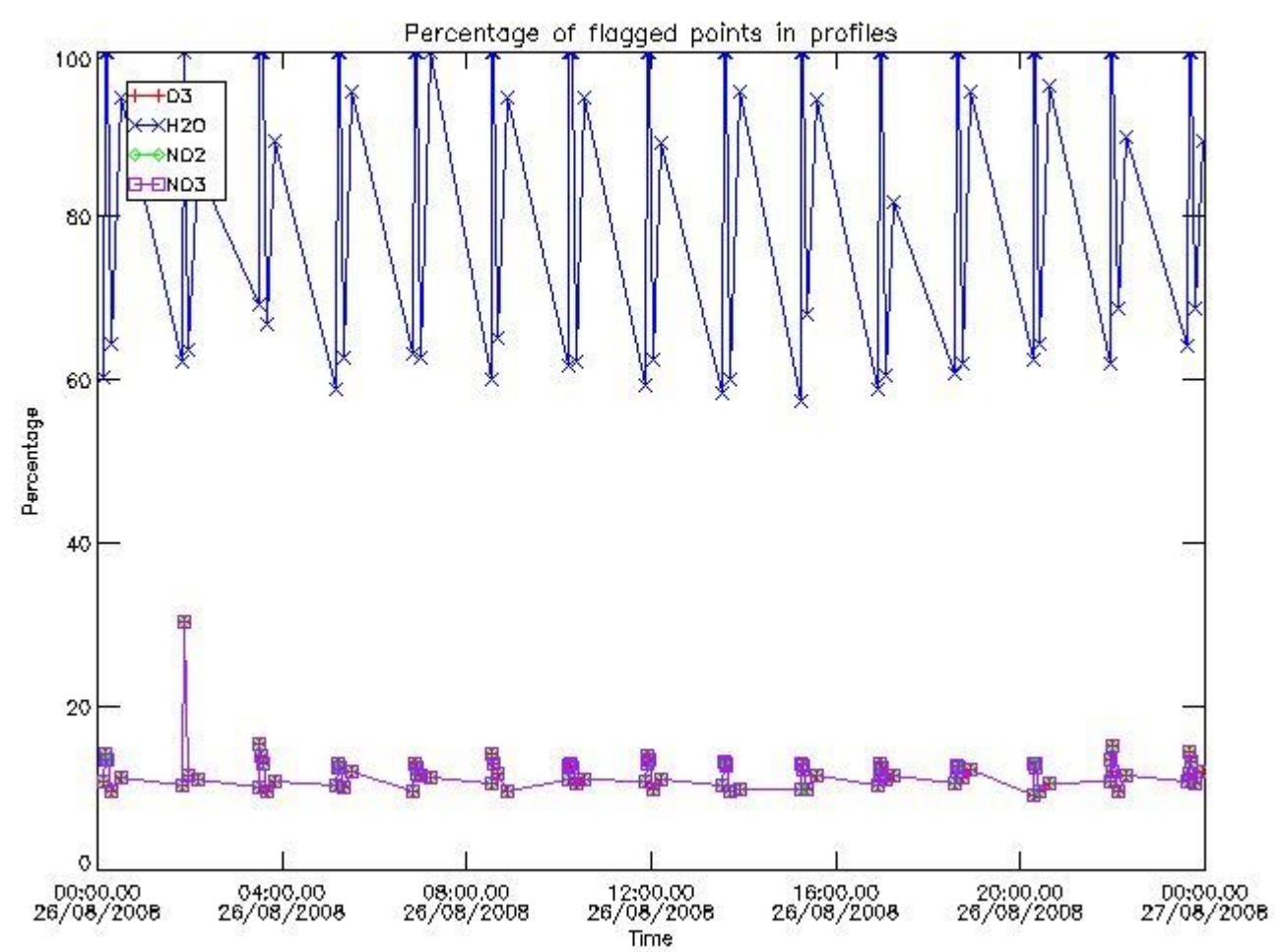
220	GOM_NL__2PRFIN20080826_173758_000000422071_00313_33934_9064.N1	26-AUG-2008 17:37:58	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33934	No
221	GOM_NL__2PRFIN20080826_174100_000000422071_00313_33934_9065.N1	26-AUG-2008 17:41:00	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	33934	No
222	GOM_NL__2PRFIN20080826_174745_000000372071_00313_33934_9066.N1	26-AUG-2008 17:47:45	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33934	No
223	GOM_NL__2PRFIN20080826_174933_000000352071_00313_33934_9067.N1	26-AUG-2008 17:49:33	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33934	No
224	GOM_NL__2PRFIN20080826_175057_000000382071_00313_33934_9068.N1	26-AUG-2008 17:50:57	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33934	No
225	GOM_NL__2PRFIN20080826_175603_000000372071_00313_33934_9069.N1	26-AUG-2008 17:56:03	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33934	No
226	GOM_NL__2PRFIN20080826_180335_000000372071_00313_33934_9070.N1	26-AUG-2008 18:03:35	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33934	No
227	GOM_NL__2PRFIN20080826_182021_000000452071_00313_33934_9071.N1	26-AUG-2008 18:20:21	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	33934	No
228	GOM_NL__2PRFIN20080826_182404_000000552071_00313_33934_9072.N1	26-AUG-2008 18:24:04	Twilight	54.500	151	13Mu Gem	2.8900	3000.0	109	33934	No
229	GOM_NL__2PRFIN20080826_182545_000000472071_00313_33934_9073.N1	26-AUG-2008 18:25:45	Twilight	46.500	44	24Gam Gem	1.9280	11000.	93	33934	No
230	GOM_NL__2PRFIN20080826_182753_000000472071_00313_33934_9074.N1	26-AUG-2008 18:27:53	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	33934	No
231	GOM_NL__2PRFIN20080826_183513_000000532071_00313_33934_9075.N1	26-AUG-2008 18:35:13	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	33934	No
232	GOM_NL__2PRFIN20080826_183637_000000402071_00313_33934_9076.N1	26-AUG-2008 18:36:37	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	33934	No
233	GOM_NL__2PRFIN20080826_183805_000000422071_00313_33934_9077.N1	26-AUG-2008 18:38:05	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33934	No
234	GOM_NL__2PRFIN20080826_183933_000000412071_00313_33934_9078.N1	26-AUG-2008 18:39:33	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33934	No
235	GOM_NL__2PRFIN20080826_184454_000000452071_00313_33934_9079.N1	26-AUG-2008 18:44:54	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	33934	No
236	GOM_NL__2PRFIN20080826_185615_000000422071_00314_33935_9070.N1	26-AUG-2008 18:56:15	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33935	No
237	GOM_NL__2PRFIN20080826_190441_000000392071_00314_33935_9071.N1	26-AUG-2008 19:04:41	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	33935	No
238	GOM_NL__2PRFIN20080826_190844_000000502071_00314_33935_9072.N1	26-AUG-2008 19:08:44	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33935	No
239	GOM_NL__2PRFIN20080826_191345_000000422071_00314_33935_9073.N1	26-AUG-2008 19:13:45	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	33935	No
240	GOM_NL__2PRFIN20080826_191657_000000382071_00314_33935_9074.N1	26-AUG-2008 19:16:57	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33935	No
241	GOM_NL__2PRFIN20080826_191834_000000422071_00314_33935_9075.N1	26-AUG-2008 19:18:34	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33935	No
242	GOM_NL__2PRFIN20080826_192136_000000412071_00314_33935_9076.N1	26-AUG-2008 19:21:36	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33935	No
243	GOM_NL__2PRFIN20080826_192821_000000352071_00314_33935_9077.N1	26-AUG-2008 19:28:21	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33935	No
244	GOM_NL__2PRFIN20080826_193009_000000352071_00314_33935_9078.N1	26-AUG-2008 19:30:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33935	No
245	GOM_NL__2PRFIN20080826_193133_000000362071_00314_33935_9079.N1	26-AUG-2008 19:31:33	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33935	No
246	GOM_NL__2PRFIN20080826_193639_000000382071_00314_33935_9080.N1	26-AUG-2008 19:36:39	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	33935	No
247	GOM_NL__2PRFIN20080826_194410_000000372071_00314_33935_9081.N1	26-AUG-2008 19:44:10	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33935	No
248	GOM_NL__2PRFIN20080826_200057_000000342071_00314_33935_9082.N1	26-AUG-2008 20:00:57	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	33935	No
249	GOM_NL__2PRFIN20080826_200440_000000532071_00314_33935_9083.N1	26-AUG-2008 20:04:40	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	33935	No
250	GOM_NL__2PRFIN20080826_200622_000000462071_00314_33935_9084.N1	26-AUG-2008 20:06:22	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33935	No
251	GOM_NL__2PRFIN20080826_200829_000000422071_00314_33935_9085.N1	26-AUG-2008 20:08:29	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	33935	No
252	GOM_NL__2PRFIN20080826_201549_000000552071_00314_33935_9086.N1	26-AUG-2008 20:15:49	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	33935	No
253	GOM_NL__2PRFIN20080826_201714_000000402071_00314_33935_9087.N1	26-AUG-2008 20:17:14	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33935	No
254	GOM_NL__2PRFIN20080826_201842_000000412071_00314_33935_9088.N1	26-AUG-2008 20:18:42	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	33935	No
255	GOM_NL__2PRFIN20080826_202010_000000402071_00314_33935_9089.N1	26-AUG-2008 20:20:10	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33935	No
256	GOM_NL__2PRFIN20080826_202530_000000532071_00314_33935_9090.N1	26-AUG-2008 20:25:30	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	33935	No
257	GOM_NL__2PRFIN20080826_203651_000000482071_00315_33936_9080.N1	26-AUG-2008 20:36:51	Dark	47.500	9	Alp Eri	0.45300	24000.	95	33936	No
258	GOM_NL__2PRFIN20080826_204517_000000412071_00315_33936_9081.N1	26-AUG-2008 20:45:17	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33936	No
259	GOM_NL__2PRFIN20080826_204920_000000522071_00315_33936_9082.N1	26-AUG-2008 20:49:20	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	33936	No
260	GOM_NL__2PRFIN20080826_205421_000000552071_00315_33936_9083.N1	26-AUG-2008 20:54:21	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33936	No
261	GOM_NL__2PRFIN20080826_205733_000000382071_00315_33936_9084.N1	26-AUG-2008 20:57:33	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33936	No
262	GOM_NL__2PRFIN20080826_205910_000000422071_00315_33936_9085.N1	26-AUG-2008 20:59:10	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33936	No
263	GOM_NL__2PRFIN20080826_210212_000000412071_00315_33936_9086.N1	26-AUG-2008 21:02:12	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33936	No
264	GOM_NL__2PRFIN20080826_210857_000000362071_00315_33936_9087.N1	26-AUG-2008 21:08:57	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	33936	No
265	GOM_NL__2PRFIN20080826_211045_000000372071_00315_33936_9088.N1	26-AUG-2008 21:10:45	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33936	No
266	GOM_NL__2PRFIN20080826_211208_000000352071_00315_33936_9089.N1	26-AUG-2008 21:12:08	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	33936	No
267	GOM_NL__2PRFIN20080826_211715_000000372071_00315_33936_9090.N1	26-AUG-2008 21:17:15	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33936	No
268	GOM_NL__2PRFIN20080826_212446_000000342071_00315_33936_9091.N1	26-AUG-2008 21:24:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33936	No
269	GOM_NL__2PRFIN20080826_214133_000000362071_00315_33936_9092.N1	26-AUG-2008 21:41:33	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33936	No
270	GOM_NL__2PRFIN20080826_214516_000000512071_00315_33936_9093.N1	26-AUG-2008 21:45:16	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	33936	No
271	GOM_NL__2PRFIN20080826_214658_000000492071_00315_33936_9094.N1	26-AUG-2008 21:46:58	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	33936	No
272	GOM_NL__2PRFIN20080826_214906_000000482071_00315_33936_9095.N1	26-AUG-2008 21:49:06	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	33936	No
273	GOM_NL__2PRFIN20080826_215626_000000472071_00315_33936_9096.N1	26-AUG-2008 21:56:26	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	33936	No
274	GOM_NL__2PRFIN20080826_215750_000000382071_00315_33936_9097.N1	26-AUG-2008 21:57:50	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33936	No
275	GOM_NL__2PRFIN20080826_215918_000000432071_00315_33936_9098.N1	26-AUG-2008 21:59:18	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33936	No
276	GOM_NL__2PRFIN20080826_220046_000000402071_00315_33936_9099.N1	26-AUG-2008 22:00:46	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33936	No
277	GOM_NL__2PRFIN20080826_220606_000000532071_00315_33936_9100.N1	26-AUG-2008 22:06:06	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33936	No
278	GOM_NL__2PRFIN20080826_221728_000000442071_00316_33937_9247.N1	26-AUG-2008 22:17:28	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33937	No

279	GOM_NL__2PRFIN20080826_222553_000000432071_00316_33937_9248.N1	26-AUG-2008 22:25:53	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33937	No
280	GOM_NL__2PRFIN20080826_222956_000000502071_00316_33937_9249.N1	26-AUG-2008 22:29:56	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33937	No
281	GOM_NL__2PRFIN20080826_223457_000000512071_00316_33937_9250.N1	26-AUG-2008 22:34:57	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	33937	No
282	GOM_NL__2PRFIN20080826_223809_000000382071_00316_33937_9251.N1	26-AUG-2008 22:38:09	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	33937	No
283	GOM_NL__2PRFIN20080826_223945_000000422071_00316_33937_9252.N1	26-AUG-2008 22:39:45	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33937	No
284	GOM_NL__2PRFIN20080826_224248_000000402071_00316_33937_9253.N1	26-AUG-2008 22:42:48	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33937	No
285	GOM_NL__2PRFIN20080826_224933_000000342071_00316_33937_9254.N1	26-AUG-2008 22:49:33	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33937	No
286	GOM_NL__2PRFIN20080826_225121_000000352071_00316_33937_9255.N1	26-AUG-2008 22:51:21	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	33937	No
287	GOM_NL__2PRFIN20080826_225244_000000392071_00316_33937_9256.N1	26-AUG-2008 22:52:44	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	33937	No
288	GOM_NL__2PRFIN20080826_225751_000000352071_00316_33937_9257.N1	26-AUG-2008 22:57:51	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	33937	No
289	GOM_NL__2PRFIN20080826_230522_000000362071_00316_33937_9258.N1	26-AUG-2008 23:05:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33937	No
290	GOM_NL__2PRFIN20080826_232209_000000372071_00316_33937_9259.N1	26-AUG-2008 23:22:09	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33937	No
291	GOM_NL__2PRFIN20080826_232552_000000522071_00316_33937_9260.N1	26-AUG-2008 23:25:52	Twilight	52.000	151	13Mu Gem	2.8900	3000.0	104	33937	No
292	GOM_NL__2PRFIN20080826_232734_000000462071_00316_33937_9261.N1	26-AUG-2008 23:27:34	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33937	No
293	GOM_NL__2PRFIN20080826_232942_000000532071_00316_33937_9262.N1	26-AUG-2008 23:29:42	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	33937	No
294	GOM_NL__2PRFIN20080826_233702_000000472071_00316_33937_9263.N1	26-AUG-2008 23:37:02	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	33937	No
295	GOM_NL__2PRFIN20080826_233826_000000392071_00316_33937_9264.N1	26-AUG-2008 23:38:26	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33937	No
296	GOM_NL__2PRFIN20080826_233954_000000442071_00316_33937_9265.N1	26-AUG-2008 23:39:54	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33937	No
297	GOM_NL__2PRFIN20080826_234123_000000432071_00316_33937_9266.N1	26-AUG-2008 23:41:23	Dark	42.500	177	1Zet CMa	3.0220	26000.	85	33937	No
298	GOM_NL__2PRFIN20080826_234642_000000532071_00316_33937_9267.N1	26-AUG-2008 23:46:42	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33937	No
299	GOM_NL__2PRFIN20080826_235804_000000422071_00317_33938_9254.N1	26-AUG-2008 23:58:04	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33938	No

### 3. Quality information per product

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

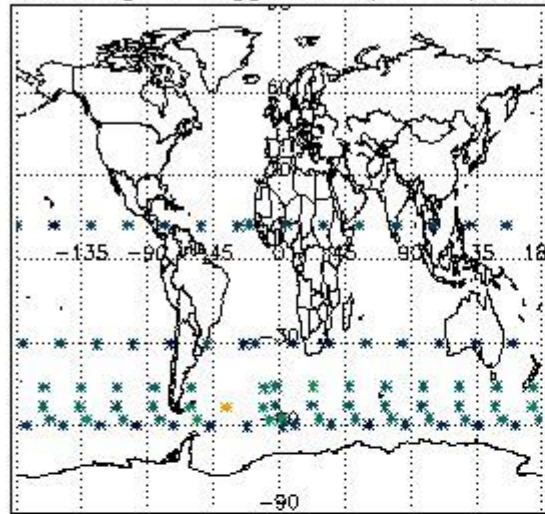
#### 3.1 Plot quality information per product (time dependant)



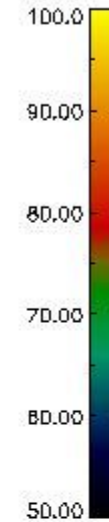
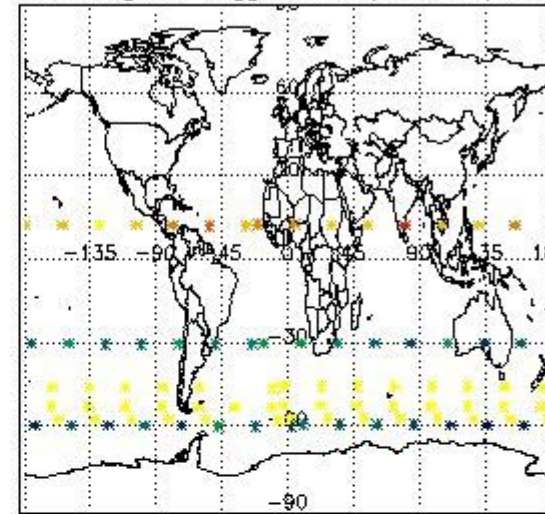
3.2 Plot quality information per product (world map)



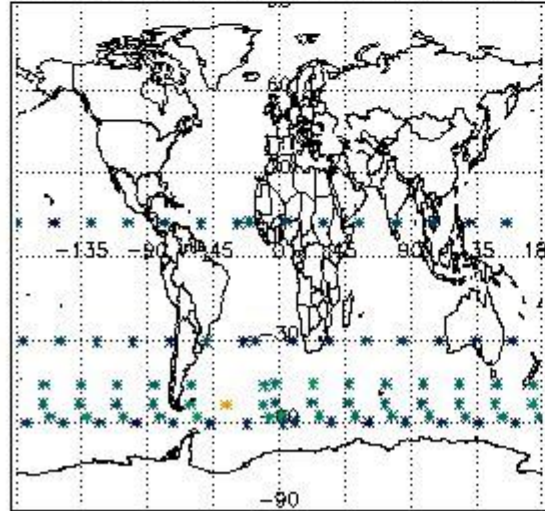
Percentage of flagged data per O3 profile



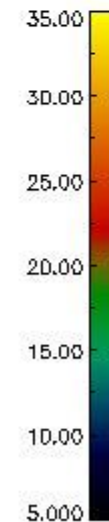
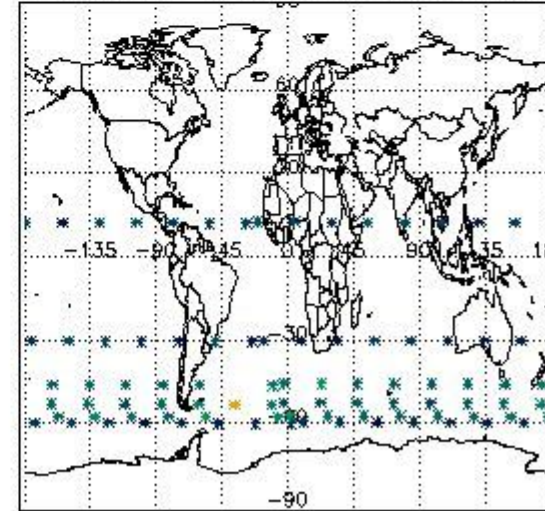
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

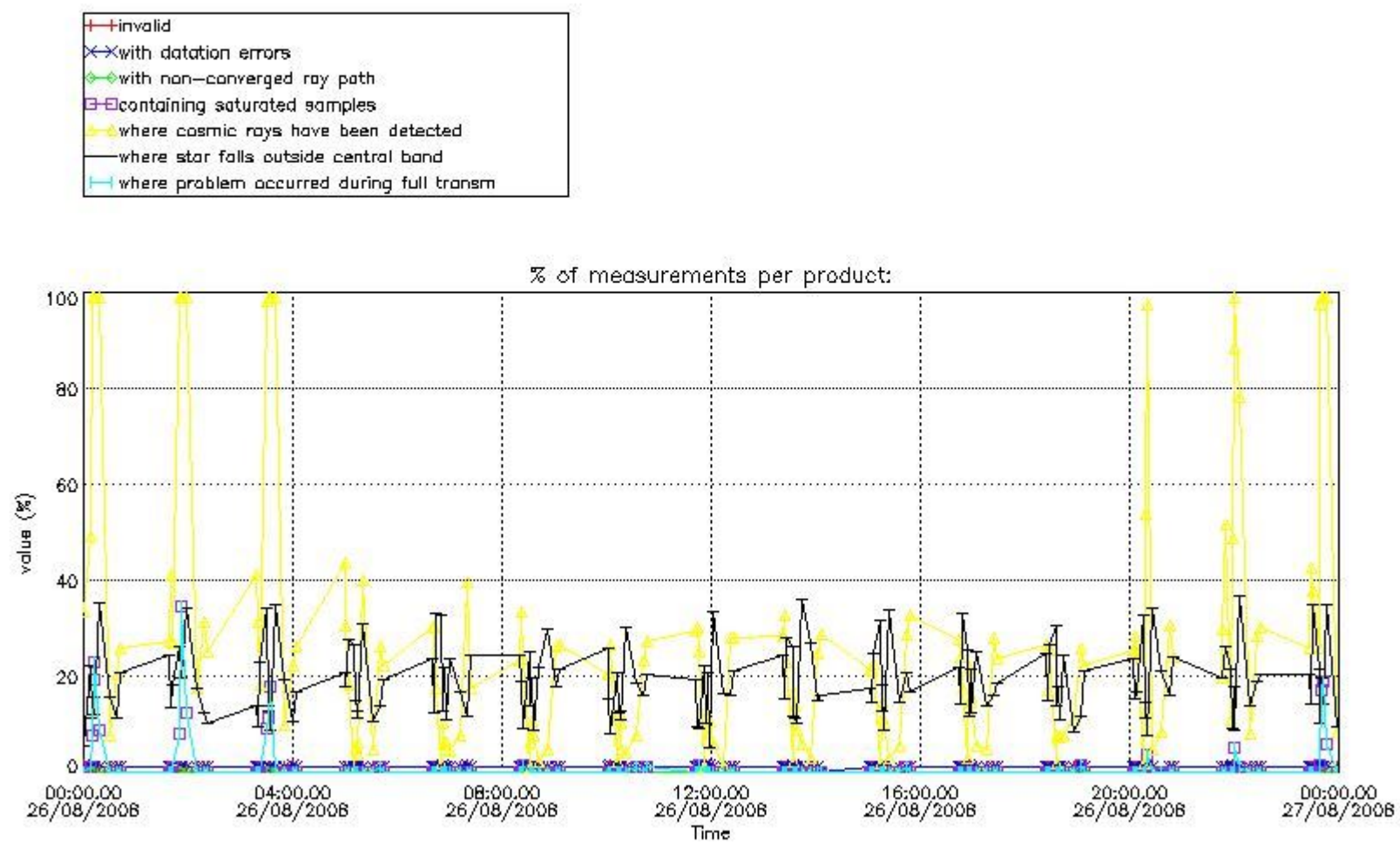


#### 4. Level 1 quality information per product

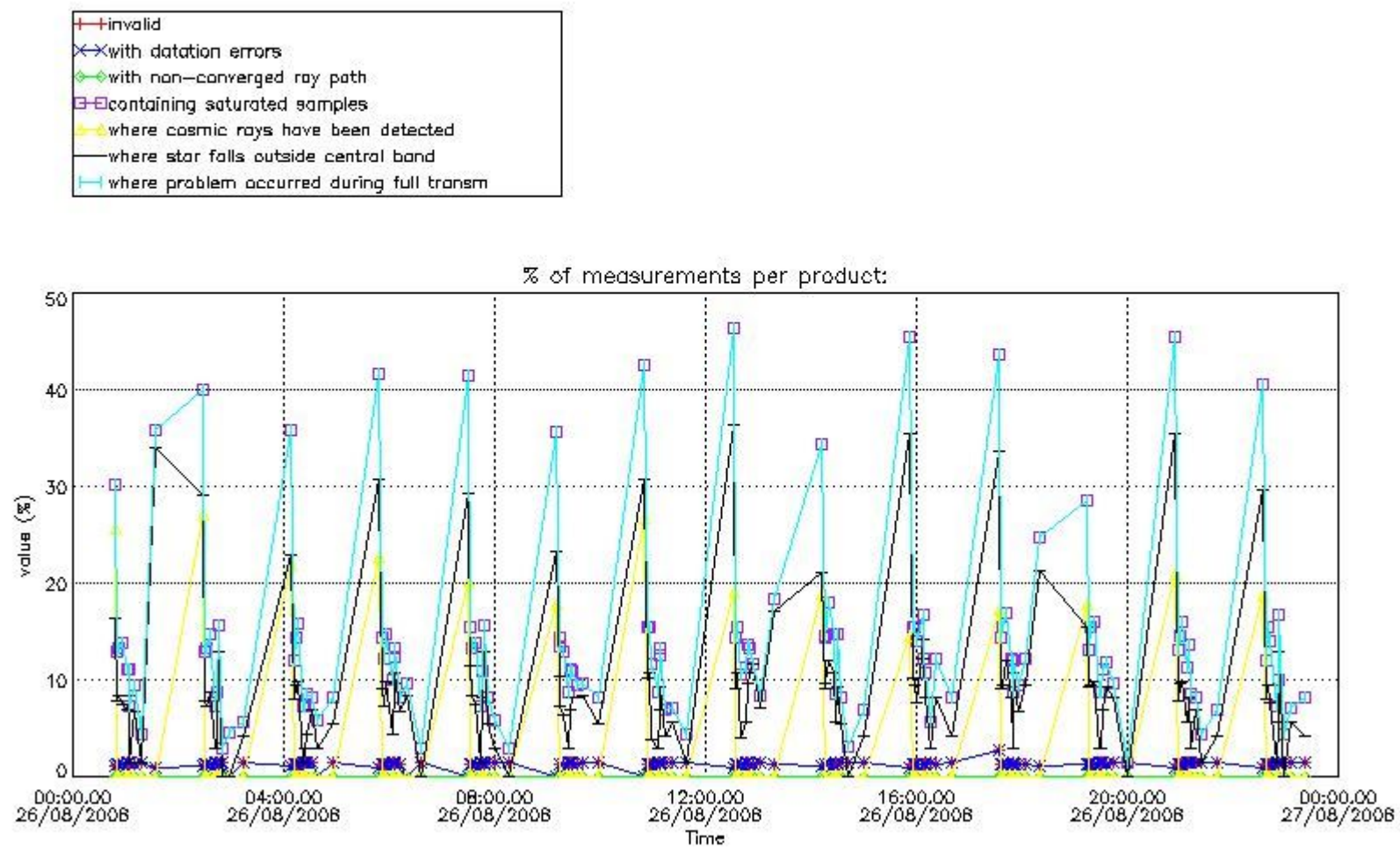
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

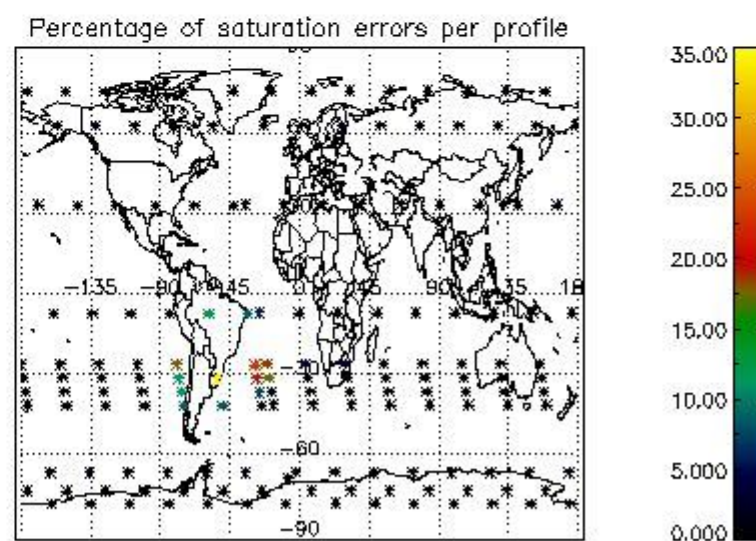
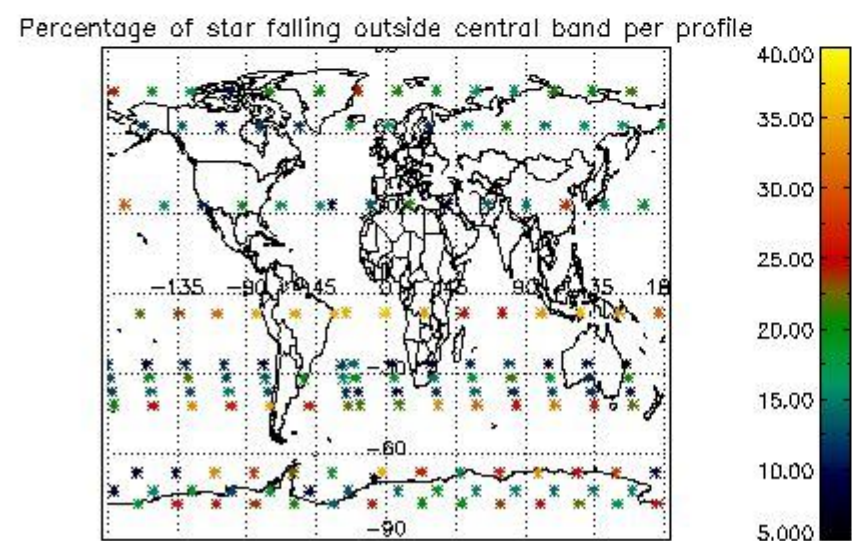
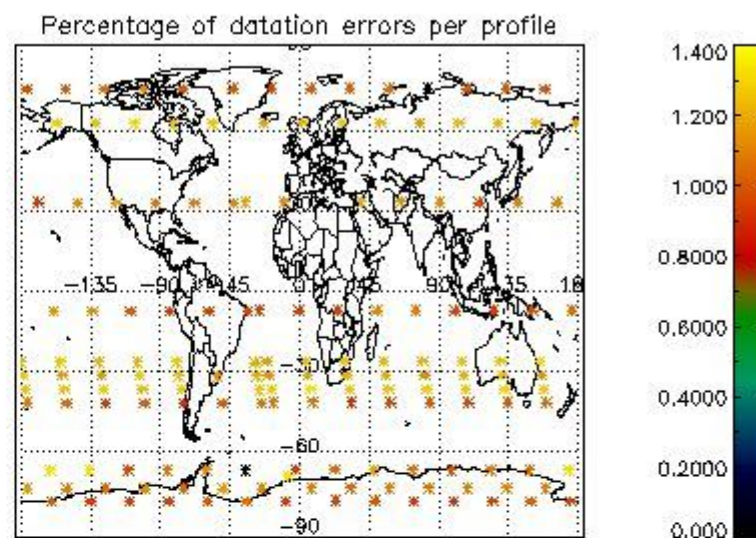
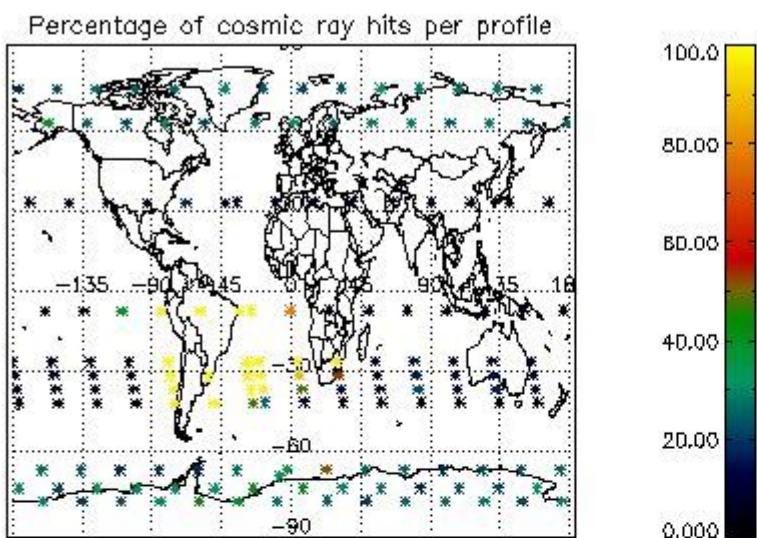


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

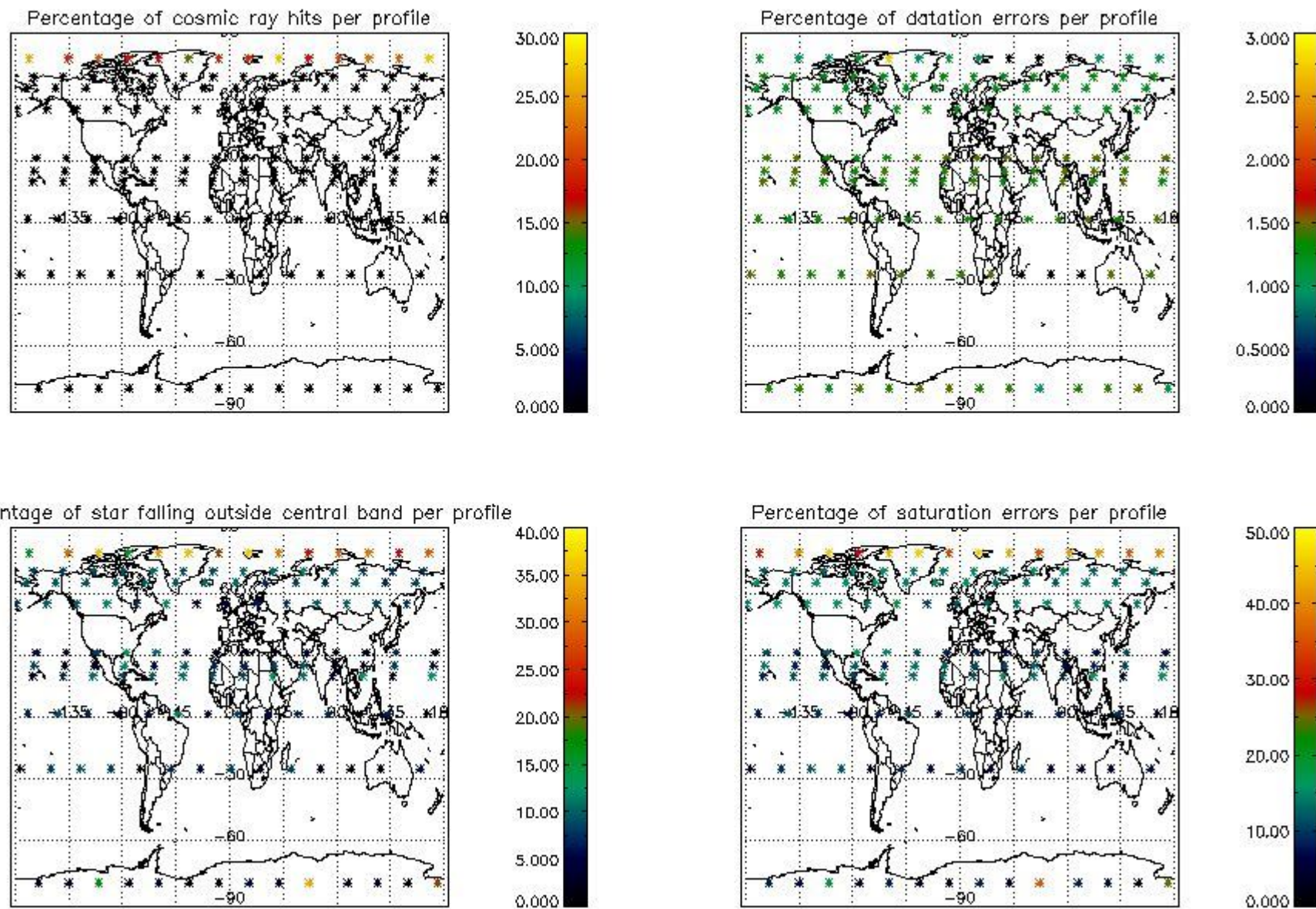


*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

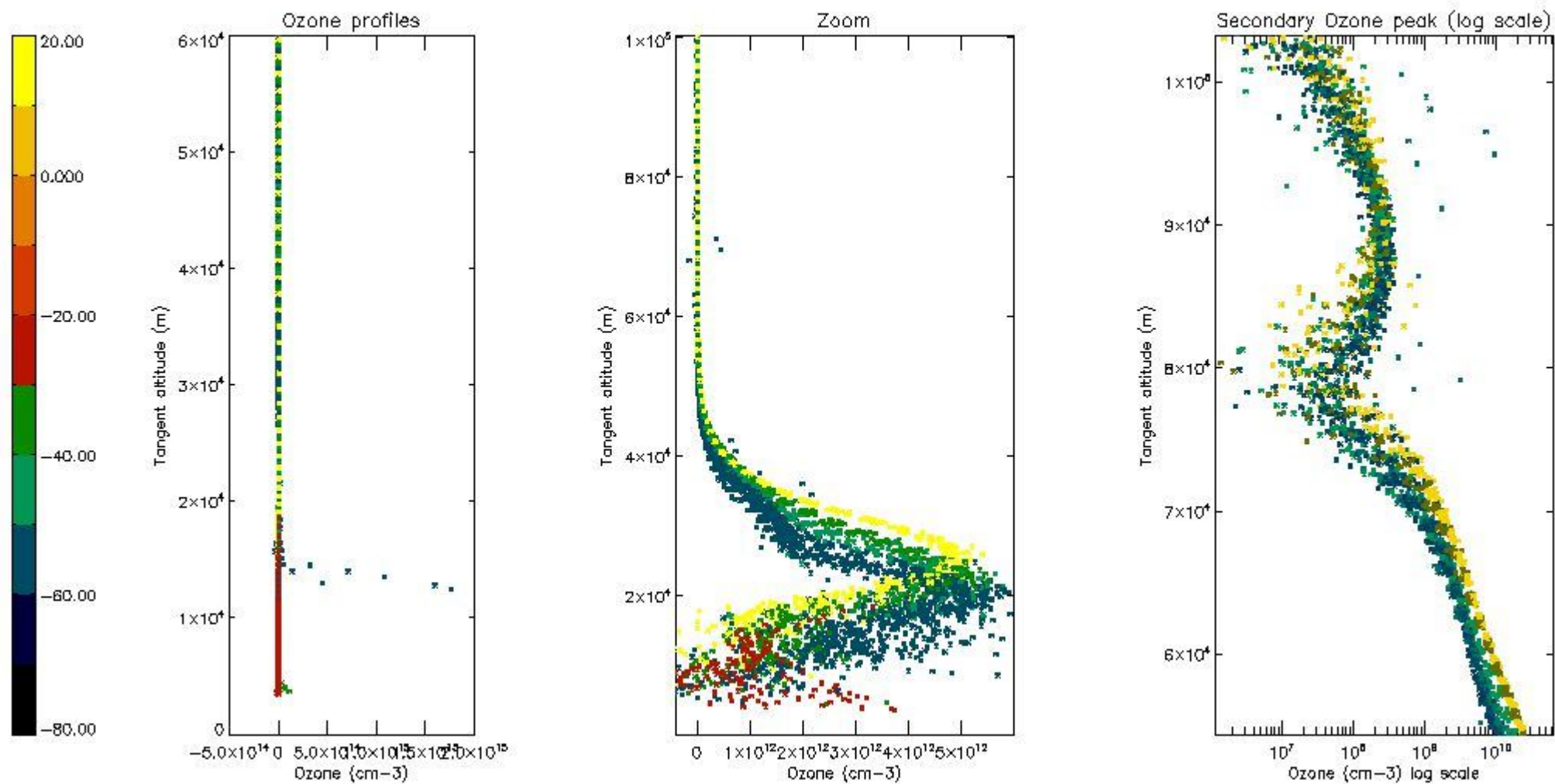
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	21

STD < 10	18
STD < 5	14

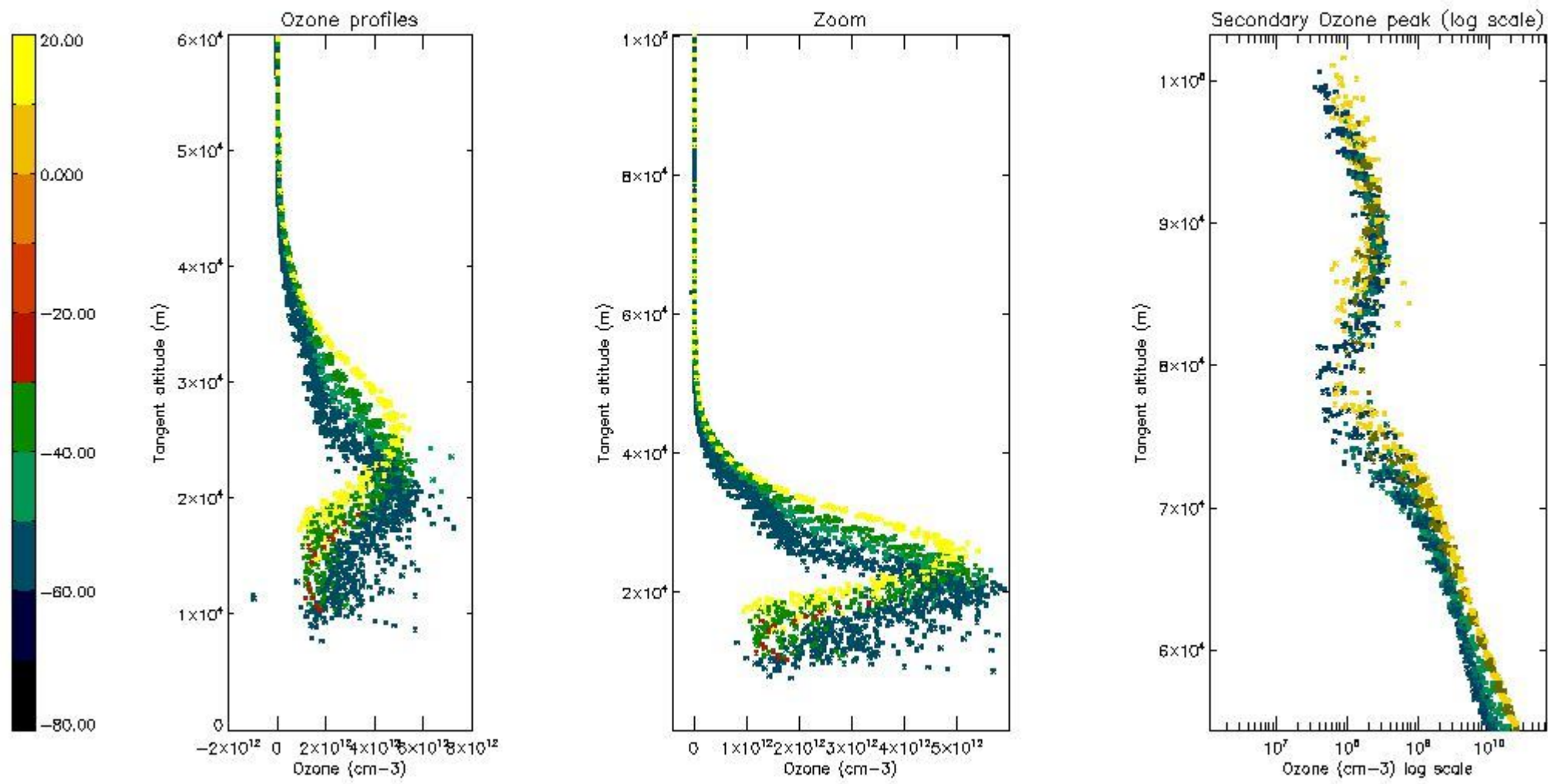
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



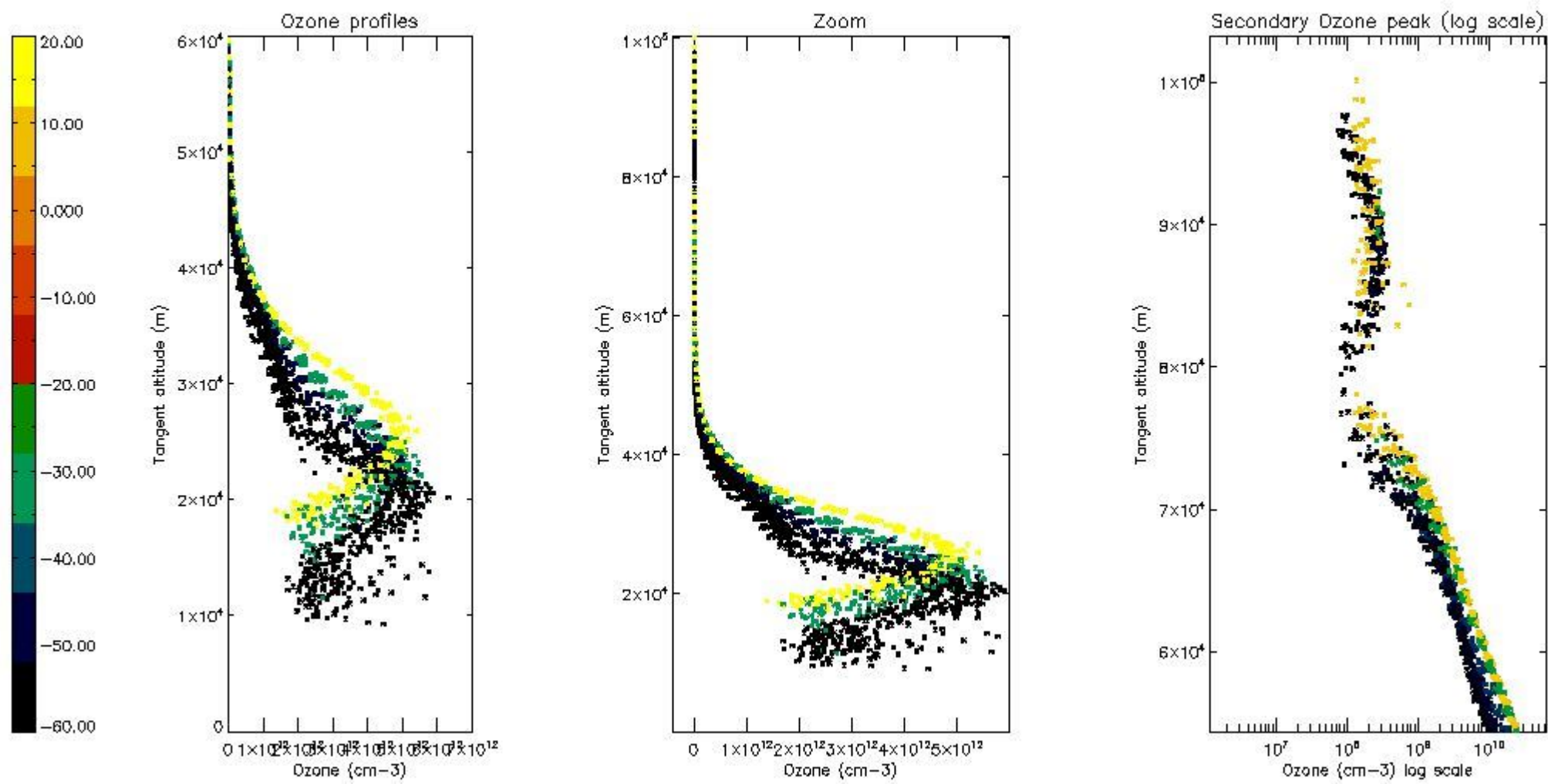
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

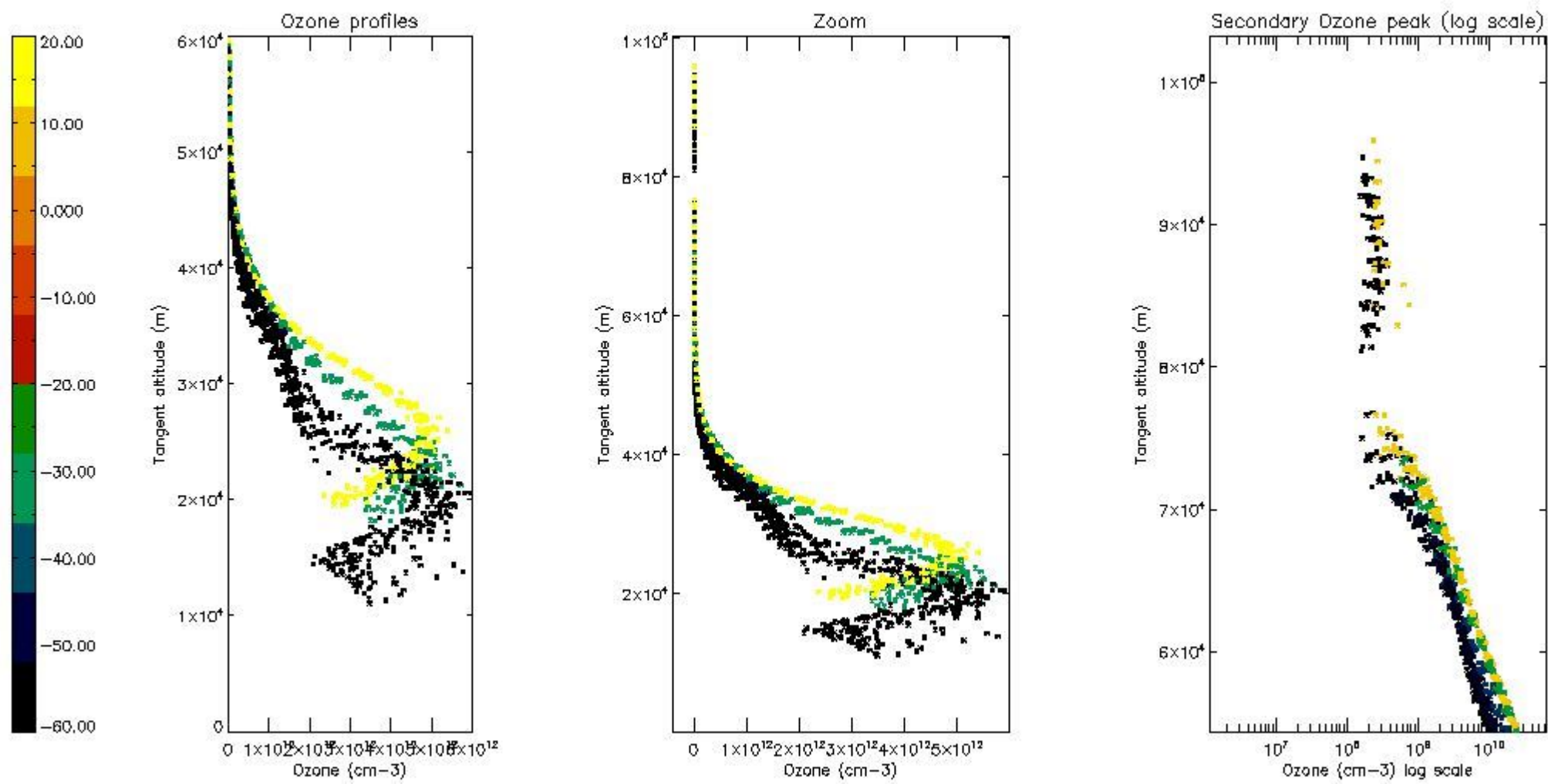
The colorbar represents the latitude.



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

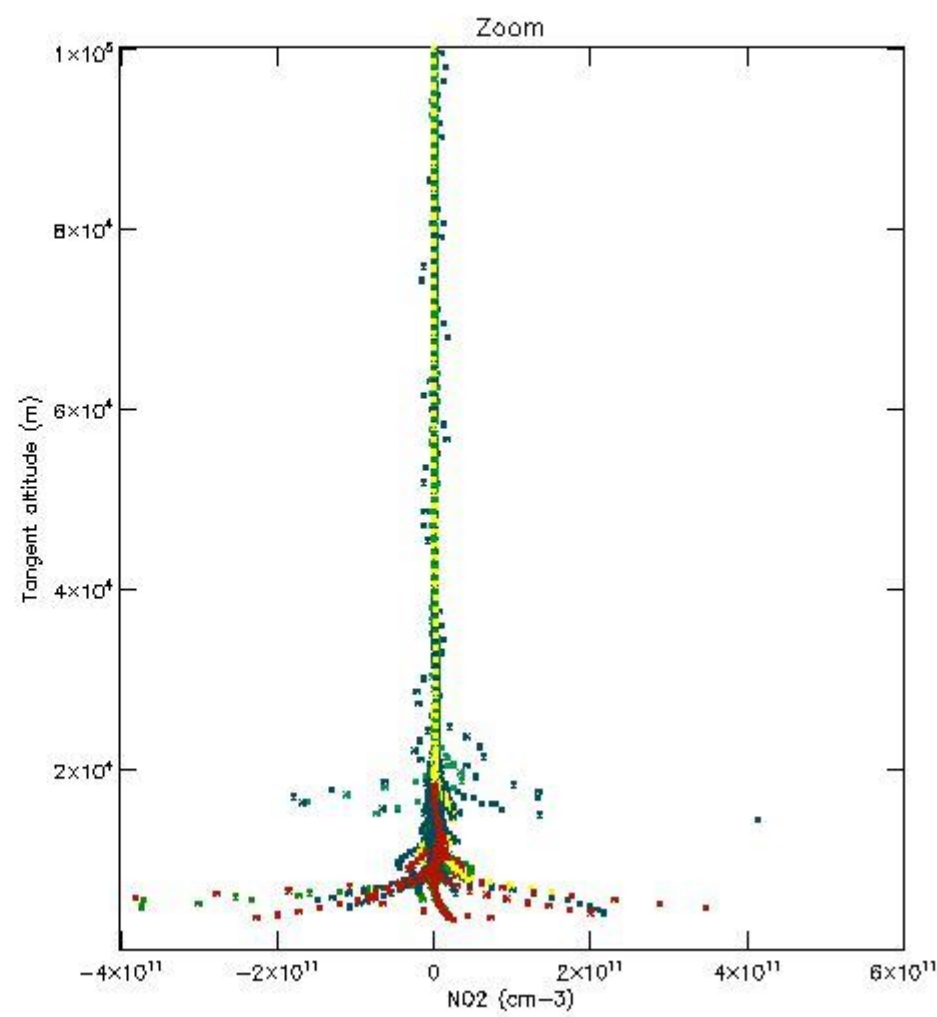
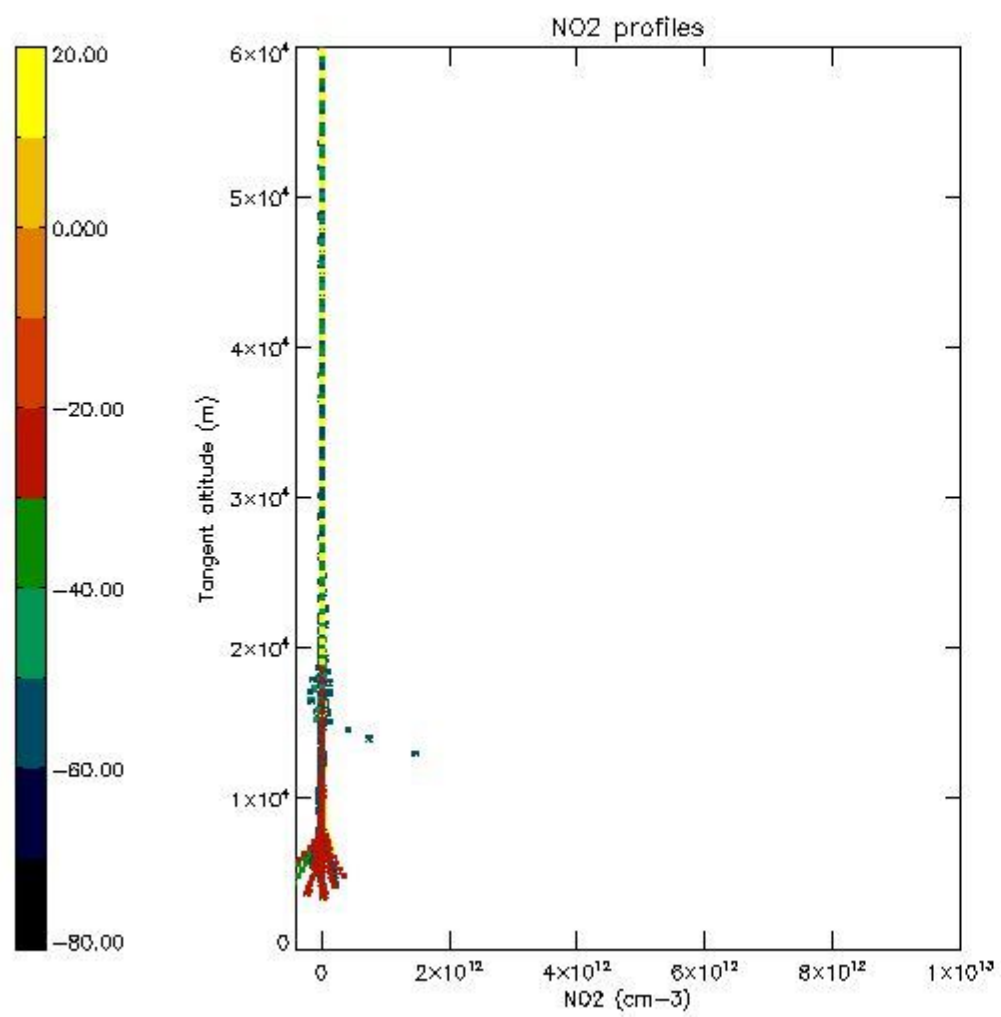
The colorbar represents the latitude.





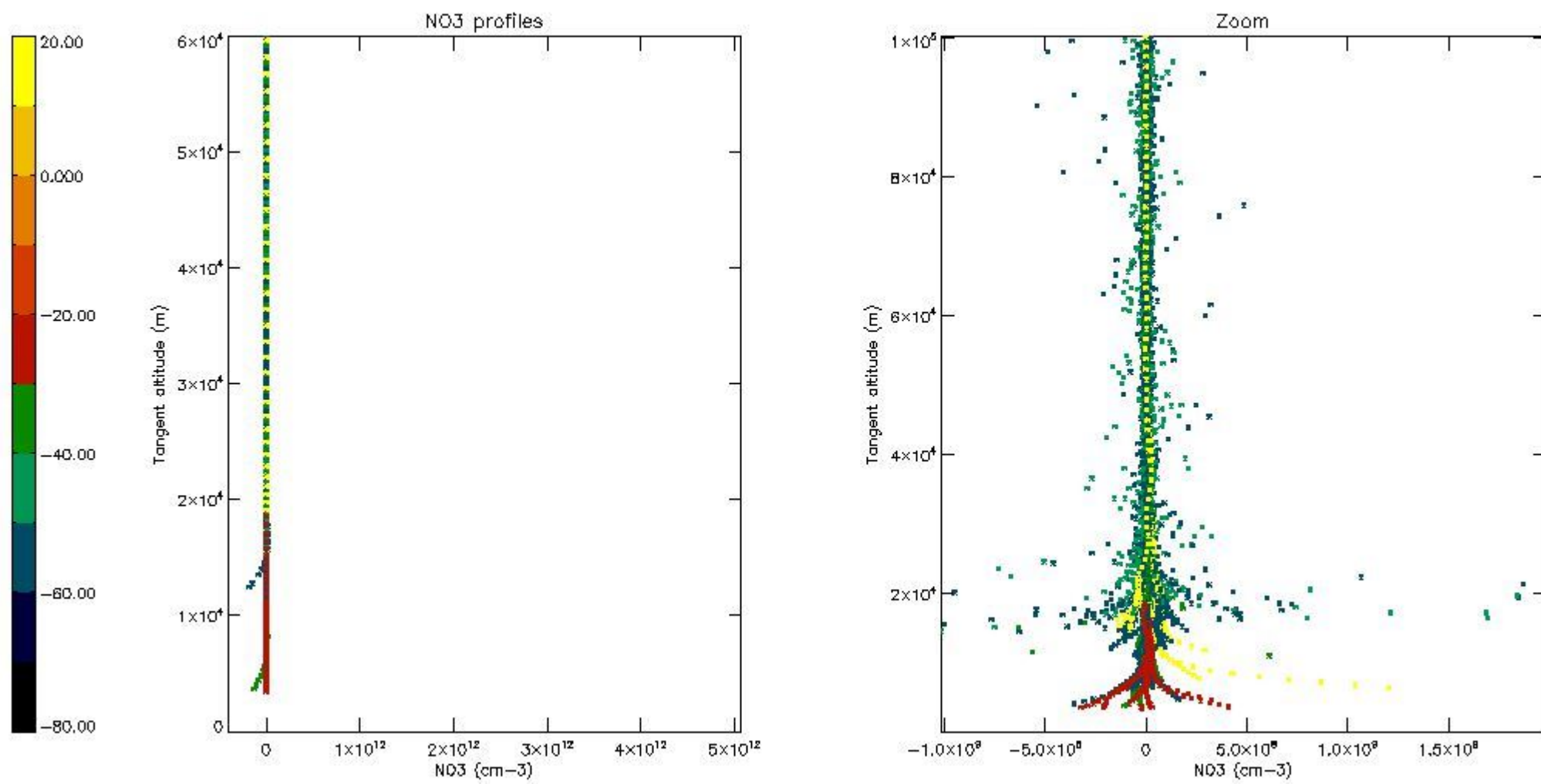
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



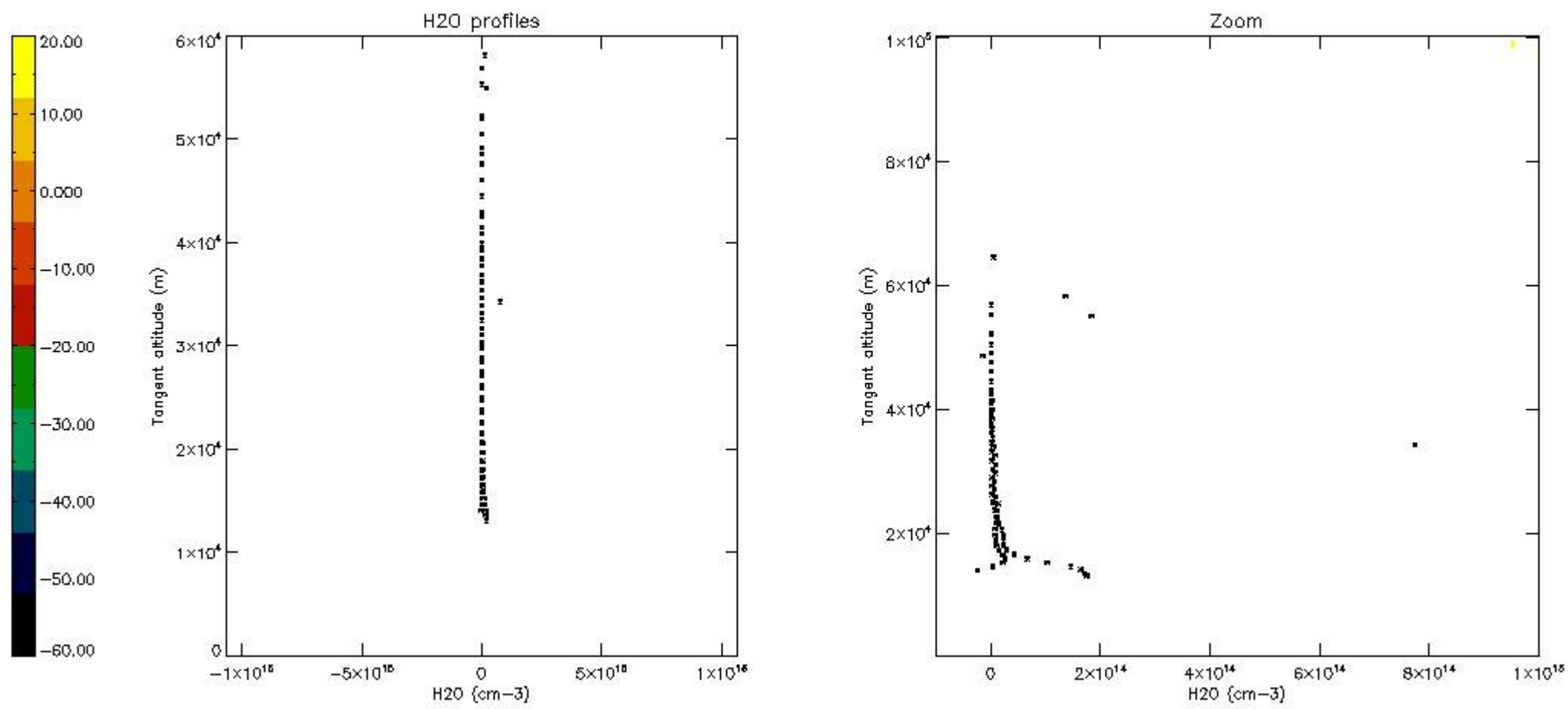
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-AUG-2008 00:00:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	26-AUG-2008 00:00:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	26-AUG-2008 00:00:35

# GOMOS Level 2 Daily Report

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

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

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#### [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	25APR2013 19:16:35
Data source version	GOMOS/6.01
Start time of products	26-08-2008 (26AUG2008 00:00:00)
Stop time of products	27-08-2008 (27AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	299
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__2PRFIN20080826_000035_000000382071_00302_33923_8888.N1	26-AUG-2008 00:00:35	Twilight	37.500	153	3Bet CMi	2.8940	13100.	75	33923	No
2	GOM_NL__2PRFIN20080826_000832_000000472071_00302_33923_8889.N1	26-AUG-2008 00:08:32	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	33923	No
3	GOM_NL__2PRFIN20080826_000957_000000402071_00302_33923_8890.N1	26-AUG-2008 00:09:57	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33923	No
4	GOM_NL__2PRFIN20080826_001125_000000422071_00302_33923_8891.N1	26-AUG-2008 00:11:25	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33923	No
5	GOM_NL__2PRFIN20080826_001251_000000422071_00302_33923_8892.N1	26-AUG-2008 00:12:51	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	33923	No
6	GOM_NL__2PRFIN20080826_001814_000000532071_00302_33923_8893.N1	26-AUG-2008 00:18:14	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	33923	No
7	GOM_NL__2PRFIN20080826_002933_000000452071_00303_33924_8881.N1	26-AUG-2008 00:29:33	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33924	No
8	GOM_NL__2PRFIN20080826_003802_000000402071_00303_33924_8882.N1	26-AUG-2008 00:38:02	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33924	No
9	GOM_NL__2PRFIN20080826_004205_000000512071_00303_33924_8883.N1	26-AUG-2008 00:42:05	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	33924	No
10	GOM_NL__2PRFIN20080826_004708_000000432071_00303_33924_8884.N1	26-AUG-2008 00:47:08	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	33924	No
11	GOM_NL__2PRFIN20080826_005021_000000392071_00303_33924_8885.N1	26-AUG-2008 00:50:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33924	No
12	GOM_NL__2PRFIN20080826_005159_000000422071_00303_33924_8886.N1	26-AUG-2008 00:51:59	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33924	No
13	GOM_NL__2PRFIN20080826_005502_000000402071_00303_33924_8887.N1	26-AUG-2008 00:55:02	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33924	No
14	GOM_NL__2PRFIN20080826_010146_000000362071_00303_33924_8888.N1	26-AUG-2008 01:01:46	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33924	No
15	GOM_NL__2PRFIN20080826_010333_000000362071_00303_33924_8889.N1	26-AUG-2008 01:03:33	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33924	No
16	GOM_NL__2PRFIN20080826_010458_000000352071_00303_33924_8890.N1	26-AUG-2008 01:04:58	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33924	No
17	GOM_NL__2PRFIN20080826_011005_000000372071_00303_33924_8891.N1	26-AUG-2008 01:10:05	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33924	No
18	GOM_NL__2PRFIN20080826_011735_000000342071_00303_33924_8892.N1	26-AUG-2008 01:17:35	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33924	No
19	GOM_NL__2PRFIN20080826_013420_000000532071_00303_33924_8893.N1	26-AUG-2008 01:34:20	Bright	53.000	24	66Alp Gem	1.5800	10200.	106	33924	No
20	GOM_NL__2PRFIN20080826_013802_000000542071_00303_33924_8894.N1	26-AUG-2008 01:38:02	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	33924	No
21	GOM_NL__2PRFIN20080826_013943_000000452071_00303_33924_8895.N1	26-AUG-2008 01:39:43	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	33924	No
22	GOM_NL__2PRFIN20080826_014151_000000412071_00303_33924_8896.N1	26-AUG-2008 01:41:51	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	33924	No
23	GOM_NL__2PRFIN20080826_014908_000000502071_00303_33924_8897.N1	26-AUG-2008 01:49:08	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	33924	No
24	GOM_NL__2PRFIN20080826_015202_000000442071_00303_33924_8898.N1	26-AUG-2008 01:52:02	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33924	No
25	GOM_NL__2PRFIN20080826_015850_000000532071_00303_33924_8899.N1	26-AUG-2008 01:58:50	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	33924	No
26	GOM_NL__2PRFIN20080826_021009_000000462071_00304_33925_8887.N1	26-AUG-2008 02:10:09	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33925	No
27	GOM_NL__2PRFIN20080826_021838_000000402071_00304_33925_8888.N1	26-AUG-2008 02:18:38	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33925	No
28	GOM_NL__2PRFIN20080826_022241_000000442071_00304_33925_8889.N1	26-AUG-2008 02:22:41	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	33925	No
29	GOM_NL__2PRFIN20080826_022744_000000502071_00304_33925_8890.N1	26-AUG-2008 02:27:44	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	33925	No
30	GOM_NL__2PRFIN20080826_023057_000000392071_00304_33925_8891.N1	26-AUG-2008 02:30:57	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33925	No
31	GOM_NL__2PRFIN20080826_023235_000000422071_00304_33925_8892.N1	26-AUG-2008 02:32:35	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33925	No
32	GOM_NL__2PRFIN20080826_023538_000000412071_00304_33925_8893.N1	26-AUG-2008 02:35:38	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33925	No
33	GOM_NL__2PRFIN20080826_024222_000000352071_00304_33925_8894.N1	26-AUG-2008 02:42:22	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33925	No
34	GOM_NL__2PRFIN20080826_024409_000000352071_00304_33925_8895.N1	26-AUG-2008 02:44:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33925	No
35	GOM_NL__2PRFIN20080826_024533_000000392071_00304_33925_8896.N1	26-AUG-2008 02:45:33	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	33925	No
36	GOM_NL__2PRFIN20080826_025041_000000342071_00304_33925_8897.N1	26-AUG-2008 02:50:41	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	33925	No
37	GOM_NL__2PRFIN20080826_025811_000000332071_00304_33925_8898.N1	26-AUG-2008 02:58:11	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33925	No
38	GOM_NL__2PRFIN20080826_031456_000000362071_00304_33925_8899.N1	26-AUG-2008 03:14:56	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33925	No
39	GOM_NL__2PRFIN20080826_031838_000000482071_00304_33925_8900.N1	26-AUG-2008 03:18:38	Twilight	47.500	151	13Mu Gem	2.8900	3000.0	95	33925	No
40	GOM_NL__2PRFIN20080826_032019_000000432071_00304_33925_8901.N1	26-AUG-2008 03:20:19	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	33925	No
41	GOM_NL__2PRFIN20080826_032227_000000442071_00304_33925_8902.N1	26-AUG-2008 03:22:27	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	33925	No
42	GOM_NL__2PRFIN20080826_032945_000000562071_00304_33925_8903.N1	26-AUG-2008 03:29:45	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	33925	No

43	GOM_NL__2PRFIN20080826_033110_000000402071_00304_33925_8904.N1	26-AUG-2008 03:31:10	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33925	No
44	GOM_NL__2PRFIN20080826_033238_000000402071_00304_33925_8905.N1	26-AUG-2008 03:32:38	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	33925	No
45	GOM_NL__2PRFIN20080826_033404_000000402071_00304_33925_8906.N1	26-AUG-2008 03:34:04	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33925	No
46	GOM_NL__2PRFIN20080826_033927_000000532071_00304_33925_8907.N1	26-AUG-2008 03:39:27	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33925	No
47	GOM_NL__2PRFIN20080826_035046_000000472071_00305_33926_8894.N1	26-AUG-2008 03:50:46	Dark	46.500	9	Alp Eri	0.45300	24000.	93	33926	No
48	GOM_NL__2PRFIN20080826_035915_000000392071_00305_33926_8895.N1	26-AUG-2008 03:59:15	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	33926	No
49	GOM_NL__2PRFIN20080826_040317_000000482071_00305_33926_8896.N1	26-AUG-2008 04:03:17	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33926	No
50	GOM_NL__2PRFIN20080826_040821_000000462071_00305_33926_8897.N1	26-AUG-2008 04:08:21	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	33926	No
51	GOM_NL__2PRFIN20080826_041133_000000382071_00305_33926_8898.N1	26-AUG-2008 04:11:33	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	33926	No
52	GOM_NL__2PRFIN20080826_041311_000000422071_00305_33926_8899.N1	26-AUG-2008 04:13:11	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33926	No
53	GOM_NL__2PRFIN20080826_041614_000000412071_00305_33926_8900.N1	26-AUG-2008 04:16:14	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	33926	No
54	GOM_NL__2PRFIN20080826_042258_000000352071_00305_33926_8901.N1	26-AUG-2008 04:22:58	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33926	No
55	GOM_NL__2PRFIN20080826_042445_000000342071_00305_33926_8902.N1	26-AUG-2008 04:24:45	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	33926	No
56	GOM_NL__2PRFIN20080826_042609_000000352071_00305_33926_8903.N1	26-AUG-2008 04:26:09	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	33926	No
57	GOM_NL__2PRFIN20080826_043117_000000372071_00305_33926_8904.N1	26-AUG-2008 04:31:17	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33926	No
58	GOM_NL__2PRFIN20080826_043847_000000342071_00305_33926_8905.N1	26-AUG-2008 04:38:47	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33926	No
59	GOM_NL__2PRFIN20080826_045533_000000372071_00305_33926_8906.N1	26-AUG-2008 04:55:33	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33926	No
60	GOM_NL__2PRFIN20080826_045914_000000512071_00305_33926_8907.N1	26-AUG-2008 04:59:14	Twilight	50.500	151	13Mu Gem	2.8900	3000.0	101	33926	No
61	GOM_NL__2PRFIN20080826_050055_000000482071_00305_33926_8908.N1	26-AUG-2008 05:00:55	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	33926	No
62	GOM_NL__2PRFIN20080826_050304_000000472071_00305_33926_8909.N1	26-AUG-2008 05:03:04	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	33926	No
63	GOM_NL__2PRFIN20080826_051021_000000492071_00305_33926_8910.N1	26-AUG-2008 05:10:21	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	33926	No
64	GOM_NL__2PRFIN20080826_051147_000000412071_00305_33926_8911.N1	26-AUG-2008 05:11:47	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	33926	No
65	GOM_NL__2PRFIN20080826_051314_000000402071_00305_33926_8912.N1	26-AUG-2008 05:13:14	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	33926	No
66	GOM_NL__2PRFIN20080826_051441_000000412071_00305_33926_8913.N1	26-AUG-2008 05:14:41	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	33926	No
67	GOM_NL__2PRFIN20080826_052003_000000502071_00305_33926_8914.N1	26-AUG-2008 05:20:03	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	33926	No
68	GOM_NL__2PRFIN20080826_053122_000000432071_00306_33927_8906.N1	26-AUG-2008 05:31:22	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33927	No
69	GOM_NL__2PRFIN20080826_053951_000000402071_00306_33927_8907.N1	26-AUG-2008 05:39:51	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33927	No
70	GOM_NL__2PRFIN20080826_054354_000000502071_00306_33927_8908.N1	26-AUG-2008 05:43:54	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33927	No
71	GOM_NL__2PRFIN20080826_054857_000000512071_00306_33927_8909.N1	26-AUG-2008 05:48:57	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	33927	No
72	GOM_NL__2PRFIN20080826_055209_000000392071_00306_33927_8910.N1	26-AUG-2008 05:52:09	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33927	No
73	GOM_NL__2PRFIN20080826_055347_000000412071_00306_33927_8911.N1	26-AUG-2008 05:53:47	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33927	No
74	GOM_NL__2PRFIN20080826_055650_000000412071_00306_33927_8912.N1	26-AUG-2008 05:56:50	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33927	No
75	GOM_NL__2PRFIN20080826_060334_000000352071_00306_33927_8913.N1	26-AUG-2008 06:03:34	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	33927	No
76	GOM_NL__2PRFIN20080826_060521_000000372071_00306_33927_8914.N1	26-AUG-2008 06:05:21	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33927	No
77	GOM_NL__2PRFIN20080826_060645_000000382071_00306_33927_8915.N1	26-AUG-2008 06:06:45	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33927	No
78	GOM_NL__2PRFIN20080826_061153_000000372071_00306_33927_8916.N1	26-AUG-2008 06:11:53	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33927	No
79	GOM_NL__2PRFIN20080826_061923_000000362071_00306_33927_8917.N1	26-AUG-2008 06:19:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33927	No
80	GOM_NL__2PRFIN20080826_063609_000000352071_00306_33927_8918.N1	26-AUG-2008 06:36:09	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33927	No
81	GOM_NL__2PRFIN20080826_063951_000000532071_00306_33927_8919.N1	26-AUG-2008 06:39:51	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	33927	No
82	GOM_NL__2PRFIN20080826_064132_000000452071_00306_33927_8920.N1	26-AUG-2008 06:41:32	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	33927	No
83	GOM_NL__2PRFIN20080826_064340_000000522071_00306_33927_8921.N1	26-AUG-2008 06:43:40	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	33927	No
84	GOM_NL__2PRFIN20080826_065058_000000542071_00306_33927_8922.N1	26-AUG-2008 06:50:58	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	33927	No
85	GOM_NL__2PRFIN20080826_065223_000000392071_00306_33927_8923.N1	26-AUG-2008 06:52:23	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33927	No
86	GOM_NL__2PRFIN20080826_065351_000000442071_00306_33927_8924.N1	26-AUG-2008 06:53:51	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33927	No
87	GOM_NL__2PRFIN20080826_065518_000000412071_00306_33927_8925.N1	26-AUG-2008 06:55:18	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33927	No
88	GOM_NL__2PRFIN20080826_070040_000000452071_00306_33927_8926.N1	26-AUG-2008 07:00:40	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	33927	No
89	GOM_NL__2PRFIN20080826_071159_000000452071_00307_33928_8913.N1	26-AUG-2008 07:11:59	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33928	No
90	GOM_NL__2PRFIN20080826_072027_000000392071_00307_33928_8914.N1	26-AUG-2008 07:20:27	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	33928	No
91	GOM_NL__2PRFIN20080826_072430_000000522071_00307_33928_8915.N1	26-AUG-2008 07:24:30	Straylight	51.500	18	24Alp PsA	1.1660	9700.0	103	33928	No
92	GOM_NL__2PRFIN20080826_072933_000000502071_00307_33928_8916.N1	26-AUG-2008 07:29:33	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	33928	No
93	GOM_NL__2PRFIN20080826_073245_000000392071_00307_33928_8917.N1	26-AUG-2008 07:32:45	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33928	No
94	GOM_NL__2PRFIN20080826_073423_000000422071_00307_33928_8918.N1	26-AUG-2008 07:34:23	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33928	No
95	GOM_NL__2PRFIN20080826_073725_000000402071_00307_33928_8919.N1	26-AUG-2008 07:37:25	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33928	No
96	GOM_NL__2PRFIN20080826_074410_000000342071_00307_33928_8920.N1	26-AUG-2008 07:44:10	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33928	No
97	GOM_NL__2PRFIN20080826_074557_000000372071_00307_33928_8921.N1	26-AUG-2008 07:45:57	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33928	No
98	GOM_NL__2PRFIN20080826_074721_000000392071_00307_33928_8922.N1	26-AUG-2008 07:47:21	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	33928	No
99	GOM_NL__2PRFIN20080826_075229_000000372071_00307_33928_8923.N1	26-AUG-2008 07:52:29	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33928	No
100	GOM_NL__2PRFIN20080826_075959_000000352071_00307_33928_8924.N1	26-AUG-2008 07:59:59	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33928	No
101	GOM_NL__2PRFIN20080826_081645_000000352071_00307_33928_8925.N1	26-AUG-2008 08:16:45	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33928	No

102	GOM_NL__2PRFIN20080826_082027_000000542071_00307_33928_8926.N1	26-AUG-2008 08:20:27	Twilight	53.500	151	13Mu Gem	2.8900	3000.0	107	33928	No
103	GOM_NL__2PRFIN20080826_082208_000000482071_00307_33928_8927.N1	26-AUG-2008 08:22:08	Twilight	48.000	44	24Gam Gem	1.9280	11000.	96	33928	No
104	GOM_NL__2PRFIN20080826_082416_000000382071_00307_33928_8928.N1	26-AUG-2008 08:24:16	Twilight	38.000	8	10Alp CMi	0.40000	6500.0	76	33928	No
105	GOM_NL__2PRFIN20080826_083134_000000482071_00307_33928_8929.N1	26-AUG-2008 08:31:34	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	33928	No
106	GOM_NL__2PRFIN20080826_083259_000000402071_00307_33928_8930.N1	26-AUG-2008 08:32:59	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33928	No
107	GOM_NL__2PRFIN20080826_083427_000000432071_00307_33928_8931.N1	26-AUG-2008 08:34:27	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	33928	No
108	GOM_NL__2PRFIN20080826_083554_000000402071_00307_33928_8932.N1	26-AUG-2008 08:35:54	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33928	No
109	GOM_NL__2PRFIN20080826_084116_000000442071_00307_33928_8933.N1	26-AUG-2008 08:41:16	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	33928	No
110	GOM_NL__2PRFIN20080826_085236_000000542071_00308_33929_8925.N1	26-AUG-2008 08:52:36	Dark	53.500	9	Alp Eri	0.45300	24000.	107	33929	No
111	GOM_NL__2PRFIN20080826_090103_000000422071_00308_33929_8926.N1	26-AUG-2008 09:01:03	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33929	No
112	GOM_NL__2PRFIN20080826_090506_000000512071_00308_33929_8927.N1	26-AUG-2008 09:05:06	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	33929	No
113	GOM_NL__2PRFIN20080826_091009_000000452071_00308_33929_8928.N1	26-AUG-2008 09:10:09	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33929	No
114	GOM_NL__2PRFIN20080826_091321_000000392071_00308_33929_8929.N1	26-AUG-2008 09:13:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33929	No
115	GOM_NL__2PRFIN20080826_091459_000000412071_00308_33929_8930.N1	26-AUG-2008 09:14:59	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33929	No
116	GOM_NL__2PRFIN20080826_091801_000000392071_00308_33929_8931.N1	26-AUG-2008 09:18:01	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33929	No
117	GOM_NL__2PRFIN20080826_092446_000000352071_00308_33929_8932.N1	26-AUG-2008 09:24:46	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33929	No
118	GOM_NL__2PRFIN20080826_092633_000000362071_00308_33929_8933.N1	26-AUG-2008 09:26:33	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33929	No
119	GOM_NL__2PRFIN20080826_092757_000000372071_00308_33929_8934.N1	26-AUG-2008 09:27:57	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	33929	No
120	GOM_NL__2PRFIN20080826_093304_000000372071_00308_33929_8935.N1	26-AUG-2008 09:33:04	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33929	No
121	GOM_NL__2PRFIN20080826_094035_000000362071_00308_33929_8936.N1	26-AUG-2008 09:40:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33929	No
122	GOM_NL__2PRFIN20080826_095721_000000372071_00308_33929_8937.N1	26-AUG-2008 09:57:21	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33929	No
123	GOM_NL__2PRFIN20080826_100103_000000542071_00308_33929_8938.N1	26-AUG-2008 10:01:03	Twilight	54.000	151	13Mu Gem	2.8900	3000.0	108	33929	No
124	GOM_NL__2PRFIN20080826_100244_000000462071_00308_33929_8939.N1	26-AUG-2008 10:02:44	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33929	No
125	GOM_NL__2PRFIN20080826_100452_000000382071_00308_33929_8940.N1	26-AUG-2008 10:04:52	Twilight	37.500	8	10Alp CMi	0.40000	6500.0	75	33929	No
126	GOM_NL__2PRFIN20080826_101211_000000462071_00308_33929_8941.N1	26-AUG-2008 10:12:11	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	33929	No
127	GOM_NL__2PRFIN20080826_101336_000000402071_00308_33929_8942.N1	26-AUG-2008 10:13:36	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	33929	No
128	GOM_NL__2PRFIN20080826_101504_000000402071_00308_33929_8943.N1	26-AUG-2008 10:15:04	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	33929	No
129	GOM_NL__2PRFIN20080826_101631_000000412071_00308_33929_8944.N1	26-AUG-2008 10:16:31	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33929	No
130	GOM_NL__2PRFIN20080826_102152_000000482071_00308_33929_8945.N1	26-AUG-2008 10:21:52	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	33929	No
131	GOM_NL__2PRFIN20080826_103312_000000462071_00309_33930_8937.N1	26-AUG-2008 10:33:12	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33930	No
132	GOM_NL__2PRFIN20080826_104140_000000412071_00309_33930_8938.N1	26-AUG-2008 10:41:40	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33930	No
133	GOM_NL__2PRFIN20080826_104542_000000502071_00309_33930_8939.N1	26-AUG-2008 10:45:42	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33930	No
134	GOM_NL__2PRFIN20080826_105045_000000512071_00309_33930_8940.N1	26-AUG-2008 10:50:45	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	33930	No
135	GOM_NL__2PRFIN20080826_105357_000000392071_00309_33930_8941.N1	26-AUG-2008 10:53:57	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33930	No
136	GOM_NL__2PRFIN20080826_105535_000000422071_00309_33930_8942.N1	26-AUG-2008 10:55:35	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33930	No
137	GOM_NL__2PRFIN20080826_105837_000000392071_00309_33930_8943.N1	26-AUG-2008 10:58:37	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	33930	No
138	GOM_NL__2PRFIN20080826_110521_000000352071_00309_33930_8944.N1	26-AUG-2008 11:05:21	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33930	No
139	GOM_NL__2PRFIN20080826_110709_000000362071_00309_33930_8945.N1	26-AUG-2008 11:07:09	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33930	No
140	GOM_NL__2PRFIN20080826_110833_000000382071_00309_33930_8946.N1	26-AUG-2008 11:08:33	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33930	No
141	GOM_NL__2PRFIN20080826_111340_000000362071_00309_33930_8947.N1	26-AUG-2008 11:13:40	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33930	No
142	GOM_NL__2PRFIN20080826_112111_000000362071_00309_33930_8948.N1	26-AUG-2008 11:21:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33930	No
143	GOM_NL__2PRFIN20080826_113757_000000352071_00309_33930_8949.N1	26-AUG-2008 11:37:57	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	33930	No
144	GOM_NL__2PRFIN20080826_114139_000000502071_00309_33930_8950.N1	26-AUG-2008 11:41:39	Twilight	49.500	151	13Mu Gem	2.8900	3000.0	99	33930	No
145	GOM_NL__2PRFIN20080826_114320_000000432071_00309_33930_8951.N1	26-AUG-2008 11:43:20	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	33930	No
146	GOM_NL__2PRFIN20080826_114529_000000382071_00309_33930_8952.N1	26-AUG-2008 11:45:29	Twilight	38.000	8	10Alp CMi	0.40000	6500.0	76	33930	No
147	GOM_NL__2PRFIN20080826_115247_000000472071_00309_33930_8953.N1	26-AUG-2008 11:52:47	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	33930	No
148	GOM_NL__2PRFIN20080826_115412_000000392071_00309_33930_8954.N1	26-AUG-2008 11:54:12	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33930	No
149	GOM_NL__2PRFIN20080826_115540_000000442071_00309_33930_8955.N1	26-AUG-2008 11:55:40	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33930	No
150	GOM_NL__2PRFIN20080826_115707_000000382071_00309_33930_8956.N1	26-AUG-2008 11:57:07	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	33930	No
151	GOM_NL__2PRFIN20080826_120228_000000512071_00309_33930_8957.N1	26-AUG-2008 12:02:28	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	33930	No
152	GOM_NL__2PRFIN20080826_121349_000000462071_00310_33931_8944.N1	26-AUG-2008 12:13:49	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33931	No
153	GOM_NL__2PRFIN20080826_122216_000000412071_00310_33931_8945.N1	26-AUG-2008 12:22:16	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33931	No
154	GOM_NL__2PRFIN20080826_122619_000000502071_00310_33931_8946.N1	26-AUG-2008 12:26:19	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33931	No
155	GOM_NL__2PRFIN20080826_123121_000000552071_00310_33931_8947.N1	26-AUG-2008 12:31:21	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33931	No
156	GOM_NL__2PRFIN20080826_123433_000000392071_00310_33931_8948.N1	26-AUG-2008 12:34:33	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33931	No
157	GOM_NL__2PRFIN20080826_123610_000000422071_00310_33931_8949.N1	26-AUG-2008 12:36:10	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33931	No
158	GOM_NL__2PRFIN20080826_123913_000000382071_00310_33931_8950.N1	26-AUG-2008 12:39:13	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	33931	No
159	GOM_NL__2PRFIN20080826_124557_000000362071_00310_33931_8951.N1	26-AUG-2008 12:45:57	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	33931	No
160	GOM_NL__2PRFIN20080826_124745_000000372071_00310_33931_8952.N1	26-AUG-2008 12:47:45	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33931	No



161	GOM_NL__2PRFIN20080826_124909_000000382071_00310_33931_8953.N1	26-AUG-2008 12:49:09	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33931	No
162	GOM_NL__2PRFIN20080826_125416_000000392071_00310_33931_8954.N1	26-AUG-2008 12:54:16	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	33931	No
163	GOM_NL__2PRFIN20080826_130147_000000362071_00310_33931_8955.N1	26-AUG-2008 13:01:47	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33931	No
164	GOM_NL__2PRFIN20080826_131833_000000412071_00310_33931_8956.N1	26-AUG-2008 13:18:33	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	33931	No
165	GOM_NL__2PRFIN20080826_132215_000000532071_00310_33931_8957.N1	26-AUG-2008 13:22:15	Twilight	53.000	151	13Mu Gem	2.8900	3000.0	106	33931	No
166	GOM_NL__2PRFIN20080826_132356_000000462071_00310_33931_8958.N1	26-AUG-2008 13:23:56	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33931	No
167	GOM_NL__2PRFIN20080826_132605_000000482071_00310_33931_8959.N1	26-AUG-2008 13:26:05	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	33931	No
168	GOM_NL__2PRFIN20080826_133323_000000502071_00310_33931_8960.N1	26-AUG-2008 13:33:23	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	33931	No
169	GOM_NL__2PRFIN20080826_133448_000000392071_00310_33931_8961.N1	26-AUG-2008 13:34:48	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33931	No
170	GOM_NL__2PRFIN20080826_133616_000000402071_00310_33931_8962.N1	26-AUG-2008 13:36:16	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	33931	No
171	GOM_NL__2PRFIN20080826_133743_000000402071_00310_33931_8963.N1	26-AUG-2008 13:37:43	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33931	No
172	GOM_NL__2PRFIN20080826_134305_000000532071_00310_33931_8964.N1	26-AUG-2008 13:43:05	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33931	No
173	GOM_NL__2PRFIN20080826_135425_000000522071_00311_33932_8974.N1	26-AUG-2008 13:54:25	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33932	No
174	GOM_NL__2PRFIN20080826_140252_000000412071_00311_33932_8975.N1	26-AUG-2008 14:02:52	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33932	No
175	GOM_NL__2PRFIN20080826_140655_000000472071_00311_33932_8976.N1	26-AUG-2008 14:06:55	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	33932	No
176	GOM_NL__2PRFIN20080826_141157_000000452071_00311_33932_8977.N1	26-AUG-2008 14:11:57	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33932	No
177	GOM_NL__2PRFIN20080826_141509_000000392071_00311_33932_8978.N1	26-AUG-2008 14:15:09	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33932	No
178	GOM_NL__2PRFIN20080826_141646_000000422071_00311_33932_8979.N1	26-AUG-2008 14:16:46	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33932	No
179	GOM_NL__2PRFIN20080826_141949_000000422071_00311_33932_8980.N1	26-AUG-2008 14:19:49	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	33932	No
180	GOM_NL__2PRFIN20080826_142633_000000382071_00311_33932_8981.N1	26-AUG-2008 14:26:33	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33932	No
181	GOM_NL__2PRFIN20080826_142821_000000352071_00311_33932_8982.N1	26-AUG-2008 14:28:21	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	33932	No
182	GOM_NL__2PRFIN20080826_142945_000000382071_00311_33932_8983.N1	26-AUG-2008 14:29:45	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33932	No
183	GOM_NL__2PRFIN20080826_143452_000000372071_00311_33932_8984.N1	26-AUG-2008 14:34:52	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33932	No
184	GOM_NL__2PRFIN20080826_144223_000000332071_00311_33932_8985.N1	26-AUG-2008 14:42:23	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33932	No
185	GOM_NL__2PRFIN20080826_145909_000000362071_00311_33932_8986.N1	26-AUG-2008 14:59:09	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33932	No
186	GOM_NL__2PRFIN20080826_150252_000000492071_00311_33932_8987.N1	26-AUG-2008 15:02:52	Twilight	49.000	151	13Mu Gem	2.8900	3000.0	98	33932	No
187	GOM_NL__2PRFIN20080826_150433_000000452071_00311_33932_8988.N1	26-AUG-2008 15:04:33	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	33932	No
188	GOM_NL__2PRFIN20080826_150641_000000472071_00311_33932_8989.N1	26-AUG-2008 15:06:41	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	33932	No
189	GOM_NL__2PRFIN20080826_151400_000000522071_00311_33932_8990.N1	26-AUG-2008 15:14:00	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	33932	No
190	GOM_NL__2PRFIN20080826_151524_000000402071_00311_33932_8991.N1	26-AUG-2008 15:15:24	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33932	No
191	GOM_NL__2PRFIN20080826_151653_000000422071_00311_33932_8992.N1	26-AUG-2008 15:16:53	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33932	No
192	GOM_NL__2PRFIN20080826_151820_000000402071_00311_33932_8993.N1	26-AUG-2008 15:18:20	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33932	No
193	GOM_NL__2PRFIN20080826_152341_000000522071_00311_33932_8994.N1	26-AUG-2008 15:23:41	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33932	No
194	GOM_NL__2PRFIN20080826_153502_000000452071_00312_33933_9012.N1	26-AUG-2008 15:35:02	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33933	No
195	GOM_NL__2PRFIN20080826_154328_000000442071_00312_33933_9013.N1	26-AUG-2008 15:43:28	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	33933	No
196	GOM_NL__2PRFIN20080826_154731_000000482071_00312_33933_9014.N1	26-AUG-2008 15:47:31	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33933	No
197	GOM_NL__2PRFIN20080826_155233_000000552071_00312_33933_9015.N1	26-AUG-2008 15:52:33	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33933	No
198	GOM_NL__2PRFIN20080826_155545_000000392071_00312_33933_9016.N1	26-AUG-2008 15:55:45	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	33933	No
199	GOM_NL__2PRFIN20080826_155722_000000422071_00312_33933_9017.N1	26-AUG-2008 15:57:22	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33933	No
200	GOM_NL__2PRFIN20080826_160024_000000402071_00312_33933_9018.N1	26-AUG-2008 16:00:24	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33933	No
201	GOM_NL__2PRFIN20080826_160709_000000392071_00312_33933_9019.N1	26-AUG-2008 16:07:09	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	33933	No
202	GOM_NL__2PRFIN20080826_160857_000000372071_00312_33933_9020.N1	26-AUG-2008 16:08:57	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33933	No
203	GOM_NL__2PRFIN20080826_161021_000000372071_00312_33933_9021.N1	26-AUG-2008 16:10:21	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33933	No
204	GOM_NL__2PRFIN20080826_161527_000000352071_00312_33933_9022.N1	26-AUG-2008 16:15:27	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	33933	No
205	GOM_NL__2PRFIN20080826_162259_000000372071_00312_33933_9023.N1	26-AUG-2008 16:22:59	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33933	No
206	GOM_NL__2PRFIN20080826_163945_000000372071_00312_33933_9024.N1	26-AUG-2008 16:39:45	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33933	No
207	GOM_NL__2PRFIN20080826_164328_000000532071_00312_33933_9025.N1	26-AUG-2008 16:43:28	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	33933	No
208	GOM_NL__2PRFIN20080826_164509_000000462071_00312_33933_9026.N1	26-AUG-2008 16:45:09	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	33933	No
209	GOM_NL__2PRFIN20080826_164717_000000522071_00312_33933_9027.N1	26-AUG-2008 16:47:17	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	33933	No
210	GOM_NL__2PRFIN20080826_165437_000000492071_00312_33933_9028.N1	26-AUG-2008 16:54:37	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	33933	No
211	GOM_NL__2PRFIN20080826_165601_000000392071_00312_33933_9029.N1	26-AUG-2008 16:56:01	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33933	No
212	GOM_NL__2PRFIN20080826_165729_000000452071_00312_33933_9030.N1	26-AUG-2008 16:57:29	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	33933	No
213	GOM_NL__2PRFIN20080826_165857_000000412071_00312_33933_9031.N1	26-AUG-2008 16:58:57	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33933	No
214	GOM_NL__2PRFIN20080826_170417_000000462071_00312_33933_9032.N1	26-AUG-2008 17:04:17	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	33933	No
215	GOM_NL__2PRFIN20080826_171538_000000442071_00313_33934_9059.N1	26-AUG-2008 17:15:38	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33934	No
216	GOM_NL__2PRFIN20080826_172405_000000412071_00313_33934_9060.N1	26-AUG-2008 17:24:05	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33934	No
217	GOM_NL__2PRFIN20080826_172807_000000492071_00313_33934_9061.N1	26-AUG-2008 17:28:07	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33934	No
218	GOM_NL__2PRFIN20080826_173309_000000552071_00313_33934_9062.N1	26-AUG-2008 17:33:09	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33934	No
219	GOM_NL__2PRFIN20080826_173621_000000392071_00313_33934_9063.N1	26-AUG-2008 17:36:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33934	No

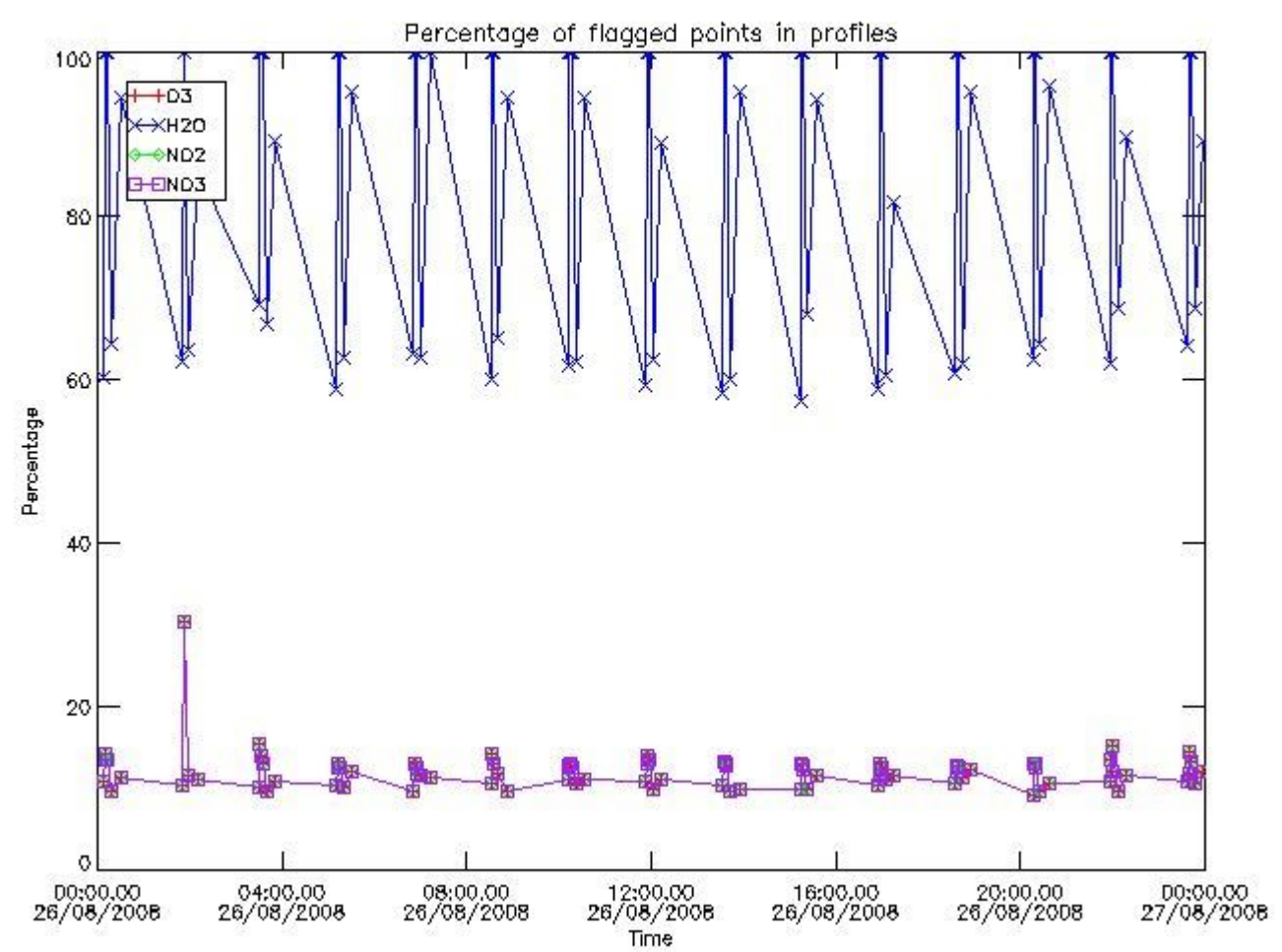
220	GOM_NL__2PRFIN20080826_173758_000000422071_00313_33934_9064.N1	26-AUG-2008 17:37:58	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33934	No
221	GOM_NL__2PRFIN20080826_174100_000000422071_00313_33934_9065.N1	26-AUG-2008 17:41:00	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	33934	No
222	GOM_NL__2PRFIN20080826_174745_000000372071_00313_33934_9066.N1	26-AUG-2008 17:47:45	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33934	No
223	GOM_NL__2PRFIN20080826_174933_000000352071_00313_33934_9067.N1	26-AUG-2008 17:49:33	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33934	No
224	GOM_NL__2PRFIN20080826_175057_000000382071_00313_33934_9068.N1	26-AUG-2008 17:50:57	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33934	No
225	GOM_NL__2PRFIN20080826_175603_000000372071_00313_33934_9069.N1	26-AUG-2008 17:56:03	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33934	No
226	GOM_NL__2PRFIN20080826_180335_000000372071_00313_33934_9070.N1	26-AUG-2008 18:03:35	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33934	No
227	GOM_NL__2PRFIN20080826_182021_000000452071_00313_33934_9071.N1	26-AUG-2008 18:20:21	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	33934	No
228	GOM_NL__2PRFIN20080826_182404_000000552071_00313_33934_9072.N1	26-AUG-2008 18:24:04	Twi_and_stray	54.500	151	13Mu Gem	2.8900	3000.0	109	33934	No
229	GOM_NL__2PRFIN20080826_182545_000000472071_00313_33934_9073.N1	26-AUG-2008 18:25:45	Twi_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	33934	No
230	GOM_NL__2PRFIN20080826_182753_000000472071_00313_33934_9074.N1	26-AUG-2008 18:27:53	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	33934	No
231	GOM_NL__2PRFIN20080826_183513_000000532071_00313_33934_9075.N1	26-AUG-2008 18:35:13	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	33934	No
232	GOM_NL__2PRFIN20080826_183637_000000402071_00313_33934_9076.N1	26-AUG-2008 18:36:37	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	33934	No
233	GOM_NL__2PRFIN20080826_183805_000000422071_00313_33934_9077.N1	26-AUG-2008 18:38:05	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33934	No
234	GOM_NL__2PRFIN20080826_183933_000000412071_00313_33934_9078.N1	26-AUG-2008 18:39:33	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	33934	No
235	GOM_NL__2PRFIN20080826_184454_000000452071_00313_33934_9079.N1	26-AUG-2008 18:44:54	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	33934	No
236	GOM_NL__2PRFIN20080826_185615_000000422071_00314_33935_9070.N1	26-AUG-2008 18:56:15	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33935	No
237	GOM_NL__2PRFIN20080826_190441_000000392071_00314_33935_9071.N1	26-AUG-2008 19:04:41	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	33935	No
238	GOM_NL__2PRFIN20080826_190844_000000502071_00314_33935_9072.N1	26-AUG-2008 19:08:44	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33935	No
239	GOM_NL__2PRFIN20080826_191345_000000422071_00314_33935_9073.N1	26-AUG-2008 19:13:45	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	33935	No
240	GOM_NL__2PRFIN20080826_191657_000000382071_00314_33935_9074.N1	26-AUG-2008 19:16:57	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33935	No
241	GOM_NL__2PRFIN20080826_191834_000000422071_00314_33935_9075.N1	26-AUG-2008 19:18:34	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33935	No
242	GOM_NL__2PRFIN20080826_192136_000000412071_00314_33935_9076.N1	26-AUG-2008 19:21:36	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33935	No
243	GOM_NL__2PRFIN20080826_192821_000000352071_00314_33935_9077.N1	26-AUG-2008 19:28:21	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	33935	No
244	GOM_NL__2PRFIN20080826_193009_000000352071_00314_33935_9078.N1	26-AUG-2008 19:30:09	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33935	No
245	GOM_NL__2PRFIN20080826_193133_000000362071_00314_33935_9079.N1	26-AUG-2008 19:31:33	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33935	No
246	GOM_NL__2PRFIN20080826_193639_000000382071_00314_33935_9080.N1	26-AUG-2008 19:36:39	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	33935	No
247	GOM_NL__2PRFIN20080826_194410_000000372071_00314_33935_9081.N1	26-AUG-2008 19:44:10	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33935	No
248	GOM_NL__2PRFIN20080826_200057_000000342071_00314_33935_9082.N1	26-AUG-2008 20:00:57	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	33935	No
249	GOM_NL__2PRFIN20080826_200440_000000532071_00314_33935_9083.N1	26-AUG-2008 20:04:40	Twi_and_stray	53.000	151	13Mu Gem	2.8900	3000.0	106	33935	No
250	GOM_NL__2PRFIN20080826_200622_000000462071_00314_33935_9084.N1	26-AUG-2008 20:06:22	Twi_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	33935	No
251	GOM_NL__2PRFIN20080826_200829_000000422071_00314_33935_9085.N1	26-AUG-2008 20:08:29	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	33935	No
252	GOM_NL__2PRFIN20080826_201549_000000552071_00314_33935_9086.N1	26-AUG-2008 20:15:49	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	33935	No
253	GOM_NL__2PRFIN20080826_201714_000000402071_00314_33935_9087.N1	26-AUG-2008 20:17:14	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33935	No
254	GOM_NL__2PRFIN20080826_201842_000000412071_00314_33935_9088.N1	26-AUG-2008 20:18:42	Dark	41.000	23	21Eps CMa	1.5020	26000.	82	33935	No
255	GOM_NL__2PRFIN20080826_202010_000000402071_00314_33935_9089.N1	26-AUG-2008 20:20:10	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	33935	No
256	GOM_NL__2PRFIN20080826_202530_000000532071_00314_33935_9090.N1	26-AUG-2008 20:25:30	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	33935	No
257	GOM_NL__2PRFIN20080826_203651_000000482071_00315_33936_9080.N1	26-AUG-2008 20:36:51	Dark	47.500	9	Alp Eri	0.45300	24000.	95	33936	No
258	GOM_NL__2PRFIN20080826_204517_000000412071_00315_33936_9081.N1	26-AUG-2008 20:45:17	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	33936	No
259	GOM_NL__2PRFIN20080826_204920_000000522071_00315_33936_9082.N1	26-AUG-2008 20:49:20	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	33936	No
260	GOM_NL__2PRFIN20080826_205421_000000552071_00315_33936_9083.N1	26-AUG-2008 20:54:21	Bright	55.000	142	49Del Cap	2.8500	8900.0	110	33936	No
261	GOM_NL__2PRFIN20080826_205733_000000382071_00315_33936_9084.N1	26-AUG-2008 20:57:33	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33936	No
262	GOM_NL__2PRFIN20080826_205910_000000422071_00315_33936_9085.N1	26-AUG-2008 20:59:10	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	33936	No
263	GOM_NL__2PRFIN20080826_210212_000000412071_00315_33936_9086.N1	26-AUG-2008 21:02:12	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	33936	No
264	GOM_NL__2PRFIN20080826_210857_000000362071_00315_33936_9087.N1	26-AUG-2008 21:08:57	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	33936	No
265	GOM_NL__2PRFIN20080826_211045_000000372071_00315_33936_9088.N1	26-AUG-2008 21:10:45	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	33936	No
266	GOM_NL__2PRFIN20080826_211208_000000352071_00315_33936_9089.N1	26-AUG-2008 21:12:08	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	33936	No
267	GOM_NL__2PRFIN20080826_211715_000000372071_00315_33936_9090.N1	26-AUG-2008 21:17:15	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33936	No
268	GOM_NL__2PRFIN20080826_212446_000000342071_00315_33936_9091.N1	26-AUG-2008 21:24:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33936	No
269	GOM_NL__2PRFIN20080826_214133_000000362071_00315_33936_9092.N1	26-AUG-2008 21:41:33	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33936	No
270	GOM_NL__2PRFIN20080826_214516_000000512071_00315_33936_9093.N1	26-AUG-2008 21:45:16	Twi_and_stray	51.000	151	13Mu Gem	2.8900	3000.0	102	33936	No
271	GOM_NL__2PRFIN20080826_214658_000000492071_00315_33936_9094.N1	26-AUG-2008 21:46:58	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	33936	No
272	GOM_NL__2PRFIN20080826_214906_000000482071_00315_33936_9095.N1	26-AUG-2008 21:49:06	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	33936	No
273	GOM_NL__2PRFIN20080826_215626_000000472071_00315_33936_9096.N1	26-AUG-2008 21:56:26	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	33936	No
274	GOM_NL__2PRFIN20080826_215750_000000382071_00315_33936_9097.N1	26-AUG-2008 21:57:50	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33936	No
275	GOM_NL__2PRFIN20080826_215918_000000432071_00315_33936_9098.N1	26-AUG-2008 21:59:18	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	33936	No
276	GOM_NL__2PRFIN20080826_220046_000000402071_00315_33936_9099.N1	26-AUG-2008 22:00:46	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	33936	No
277	GOM_NL__2PRFIN20080826_220606_000000532071_00315_33936_9100.N1	26-AUG-2008 22:06:06	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33936	No
278	GOM_NL__2PRFIN20080826_221728_000000442071_00316_33937_9247.N1	26-AUG-2008 22:17:28	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33937	No

279	GOM_NL__2PRFIN20080826_222553_000000432071_00316_33937_9248.N1	26-AUG-2008 22:25:53	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33937	No
280	GOM_NL__2PRFIN20080826_222956_000000502071_00316_33937_9249.N1	26-AUG-2008 22:29:56	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	33937	No
281	GOM_NL__2PRFIN20080826_223457_000000512071_00316_33937_9250.N1	26-AUG-2008 22:34:57	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	33937	No
282	GOM_NL__2PRFIN20080826_223809_000000382071_00316_33937_9251.N1	26-AUG-2008 22:38:09	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	33937	No
283	GOM_NL__2PRFIN20080826_223945_000000422071_00316_33937_9252.N1	26-AUG-2008 22:39:45	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	33937	No
284	GOM_NL__2PRFIN20080826_224248_000000402071_00316_33937_9253.N1	26-AUG-2008 22:42:48	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33937	No
285	GOM_NL__2PRFIN20080826_224933_000000342071_00316_33937_9254.N1	26-AUG-2008 22:49:33	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33937	No
286	GOM_NL__2PRFIN20080826_225121_000000352071_00316_33937_9255.N1	26-AUG-2008 22:51:21	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	33937	No
287	GOM_NL__2PRFIN20080826_225244_000000392071_00316_33937_9256.N1	26-AUG-2008 22:52:44	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	33937	No
288	GOM_NL__2PRFIN20080826_225751_000000352071_00316_33937_9257.N1	26-AUG-2008 22:57:51	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	33937	No
289	GOM_NL__2PRFIN20080826_230522_000000362071_00316_33937_9258.N1	26-AUG-2008 23:05:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33937	No
290	GOM_NL__2PRFIN20080826_232209_000000372071_00316_33937_9259.N1	26-AUG-2008 23:22:09	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33937	No
291	GOM_NL__2PRFIN20080826_232552_000000522071_00316_33937_9260.N1	26-AUG-2008 23:25:52	Twilight	52.000	151	13Mu Gem	2.8900	3000.0	104	33937	No
292	GOM_NL__2PRFIN20080826_232734_000000462071_00316_33937_9261.N1	26-AUG-2008 23:27:34	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33937	No
293	GOM_NL__2PRFIN20080826_232942_000000532071_00316_33937_9262.N1	26-AUG-2008 23:29:42	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	33937	No
294	GOM_NL__2PRFIN20080826_233702_000000472071_00316_33937_9263.N1	26-AUG-2008 23:37:02	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	33937	No
295	GOM_NL__2PRFIN20080826_233826_000000392071_00316_33937_9264.N1	26-AUG-2008 23:38:26	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	33937	No
296	GOM_NL__2PRFIN20080826_233954_000000442071_00316_33937_9265.N1	26-AUG-2008 23:39:54	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33937	No
297	GOM_NL__2PRFIN20080826_234123_000000432071_00316_33937_9266.N1	26-AUG-2008 23:41:23	Dark	42.500	177	1Zet CMa	3.0220	26000.	85	33937	No
298	GOM_NL__2PRFIN20080826_234642_000000532071_00316_33937_9267.N1	26-AUG-2008 23:46:42	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33937	No
299	GOM_NL__2PRFIN20080826_235804_000000422071_00317_33938_9254.N1	26-AUG-2008 23:58:04	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33938	No

### 3. Quality information per product

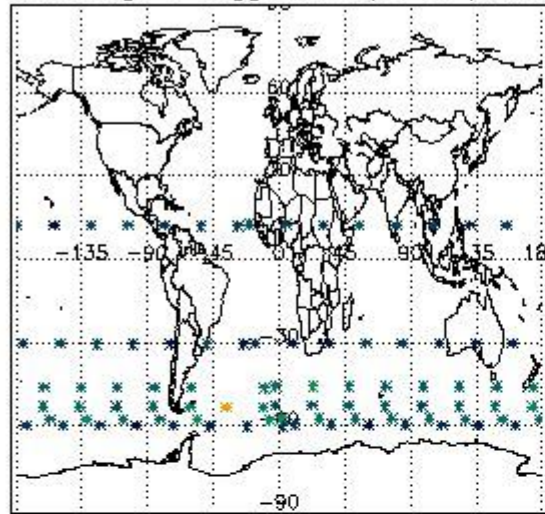
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

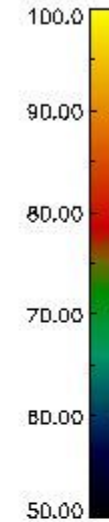
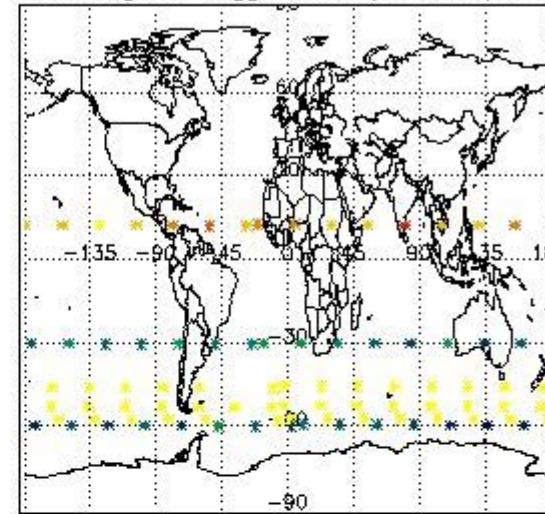


3.2 Plot quality information per product (world map)

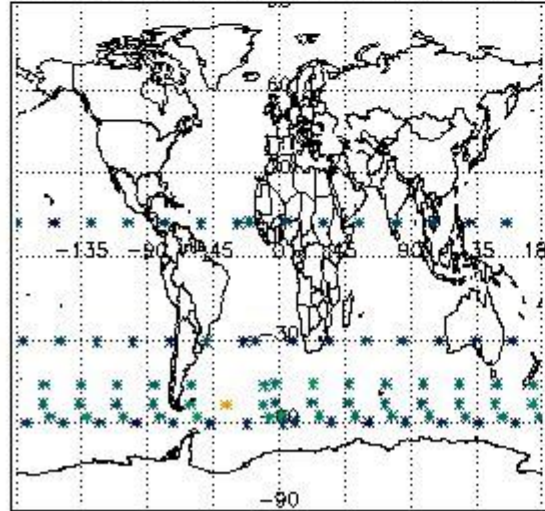
Percentage of flagged data per O3 profile



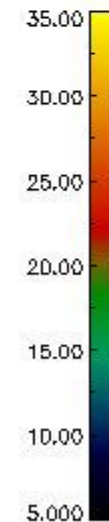
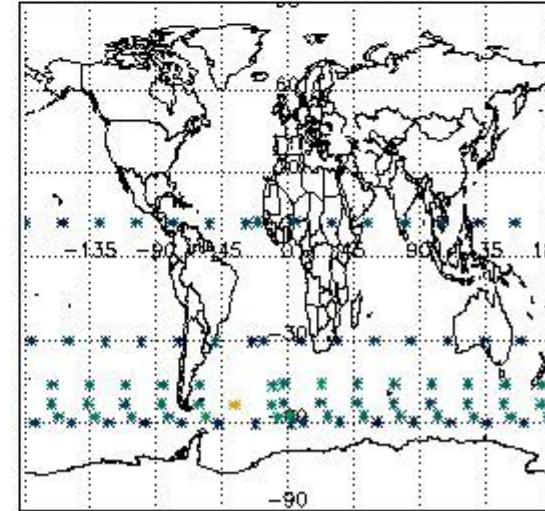
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

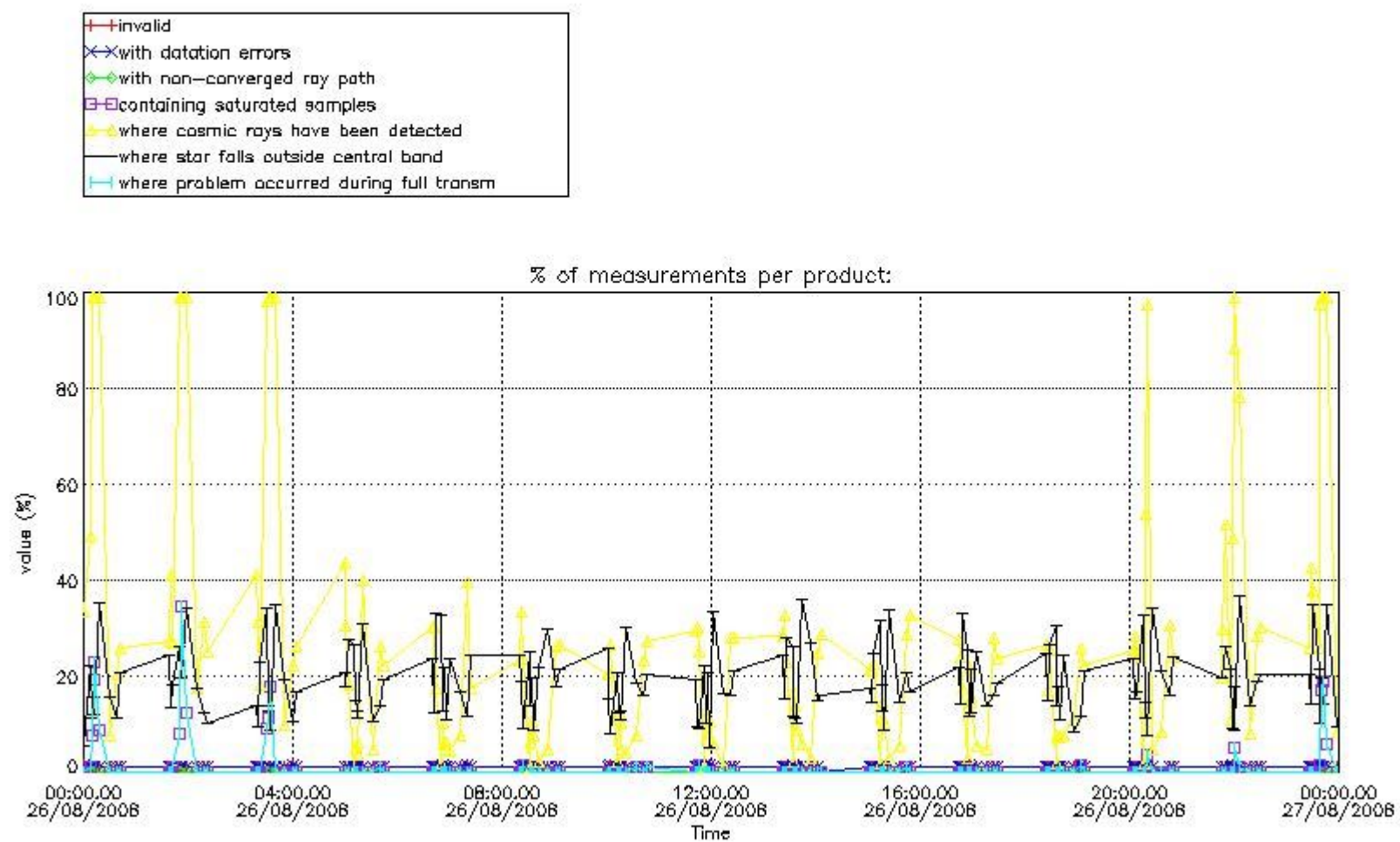


#### 4. Level 1 quality information per product

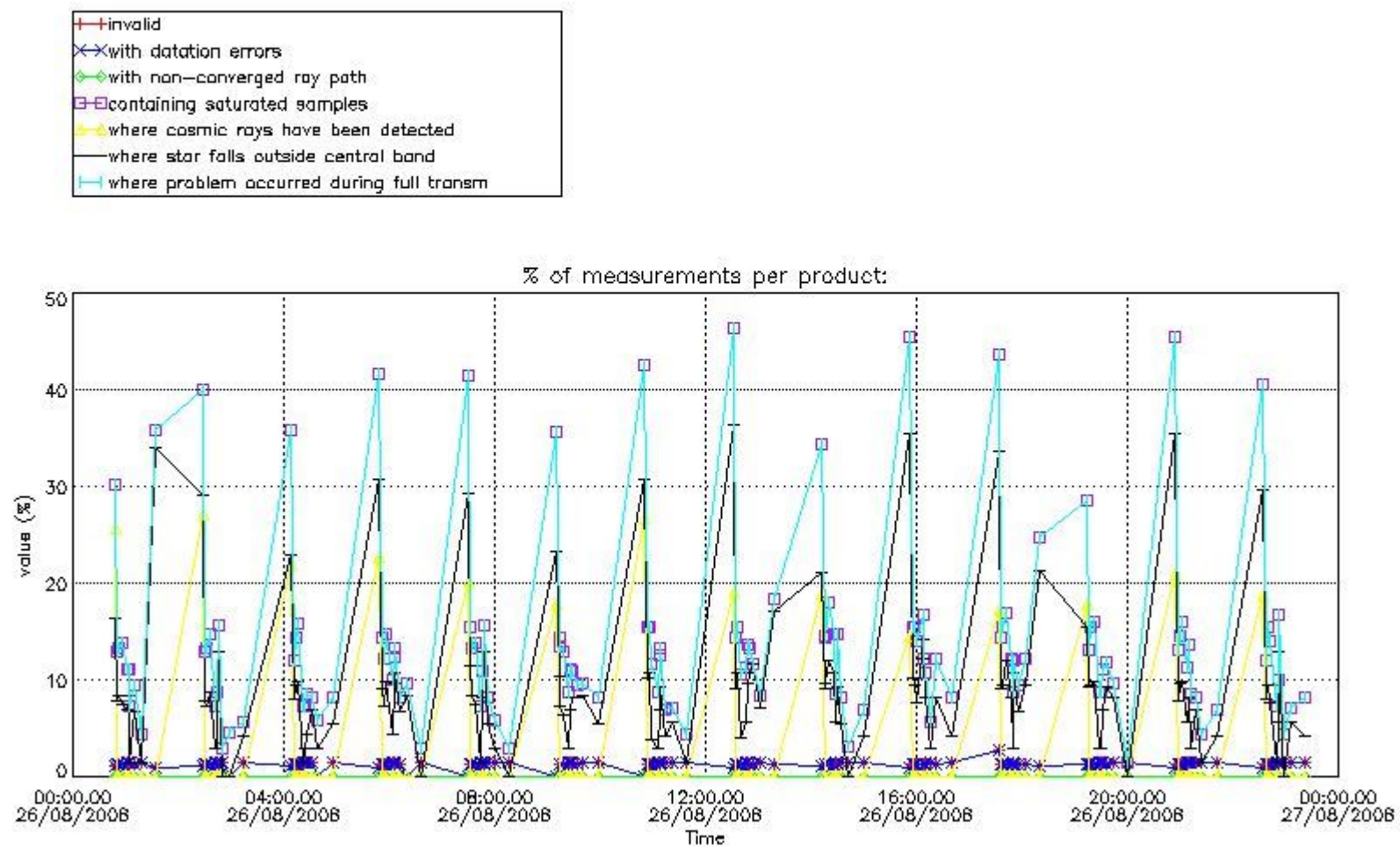
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



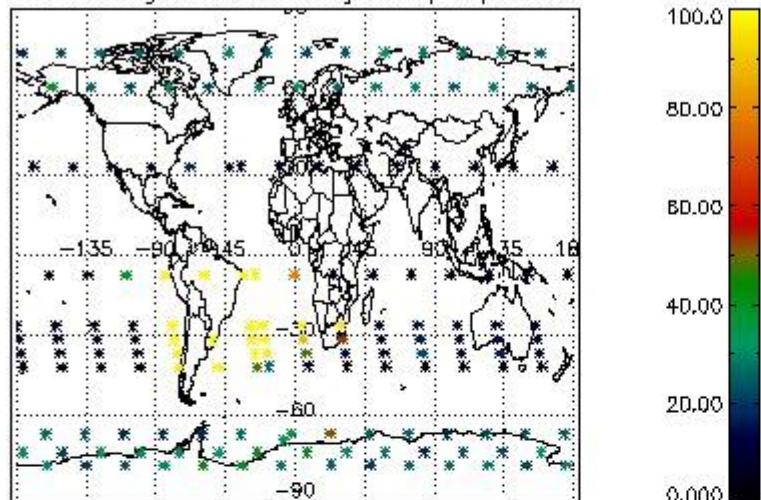
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



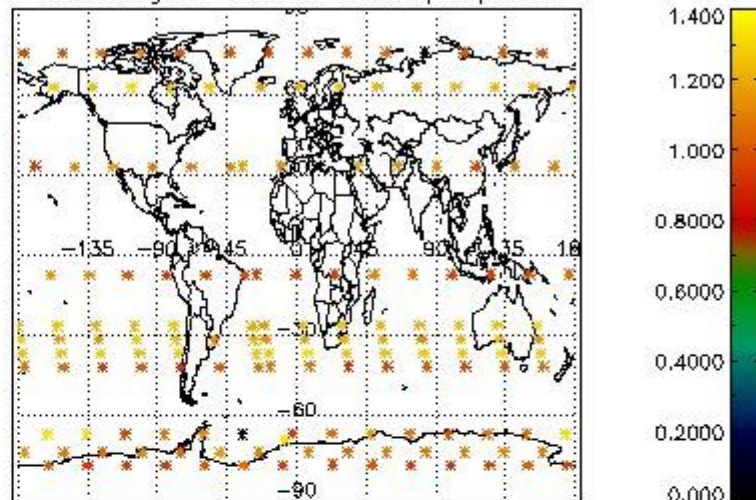
4.2 Plot quality information per product coming from level 1b processing (world map)

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

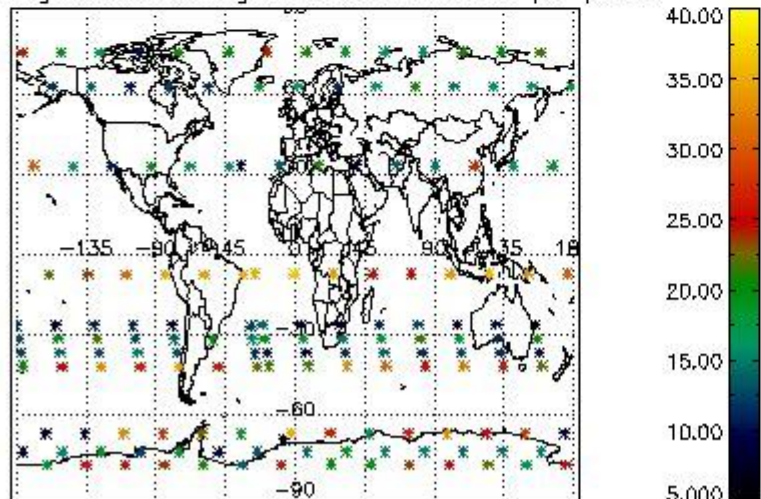
Percentage of cosmic ray hits per profile



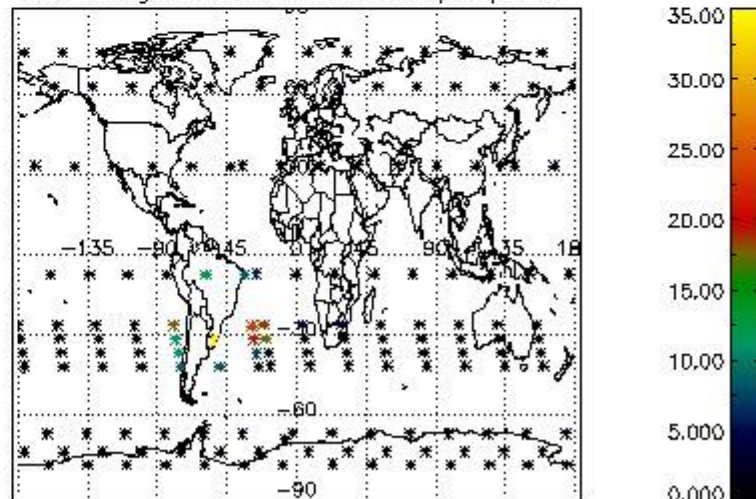
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

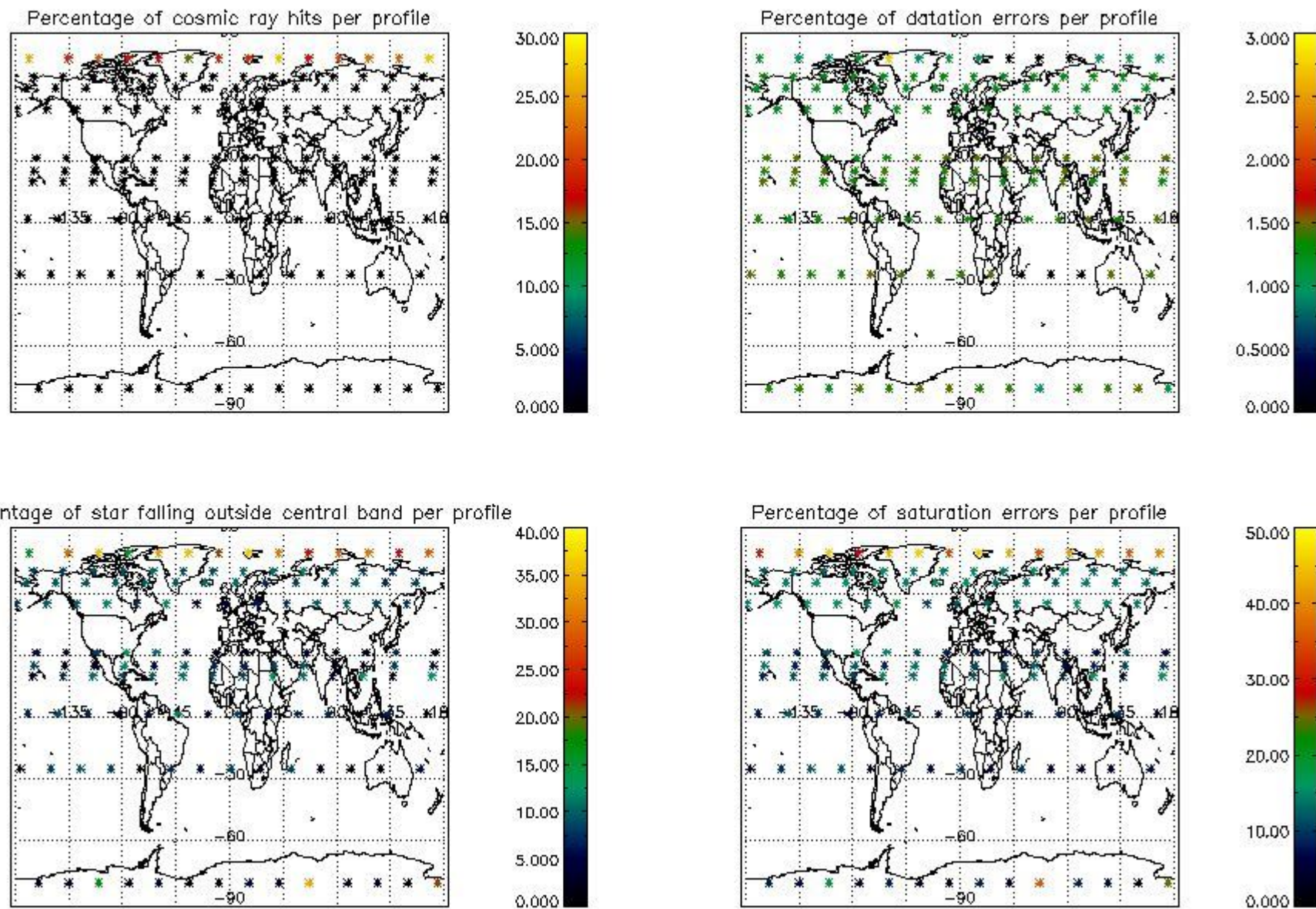


Percentage of saturation errors per profile



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

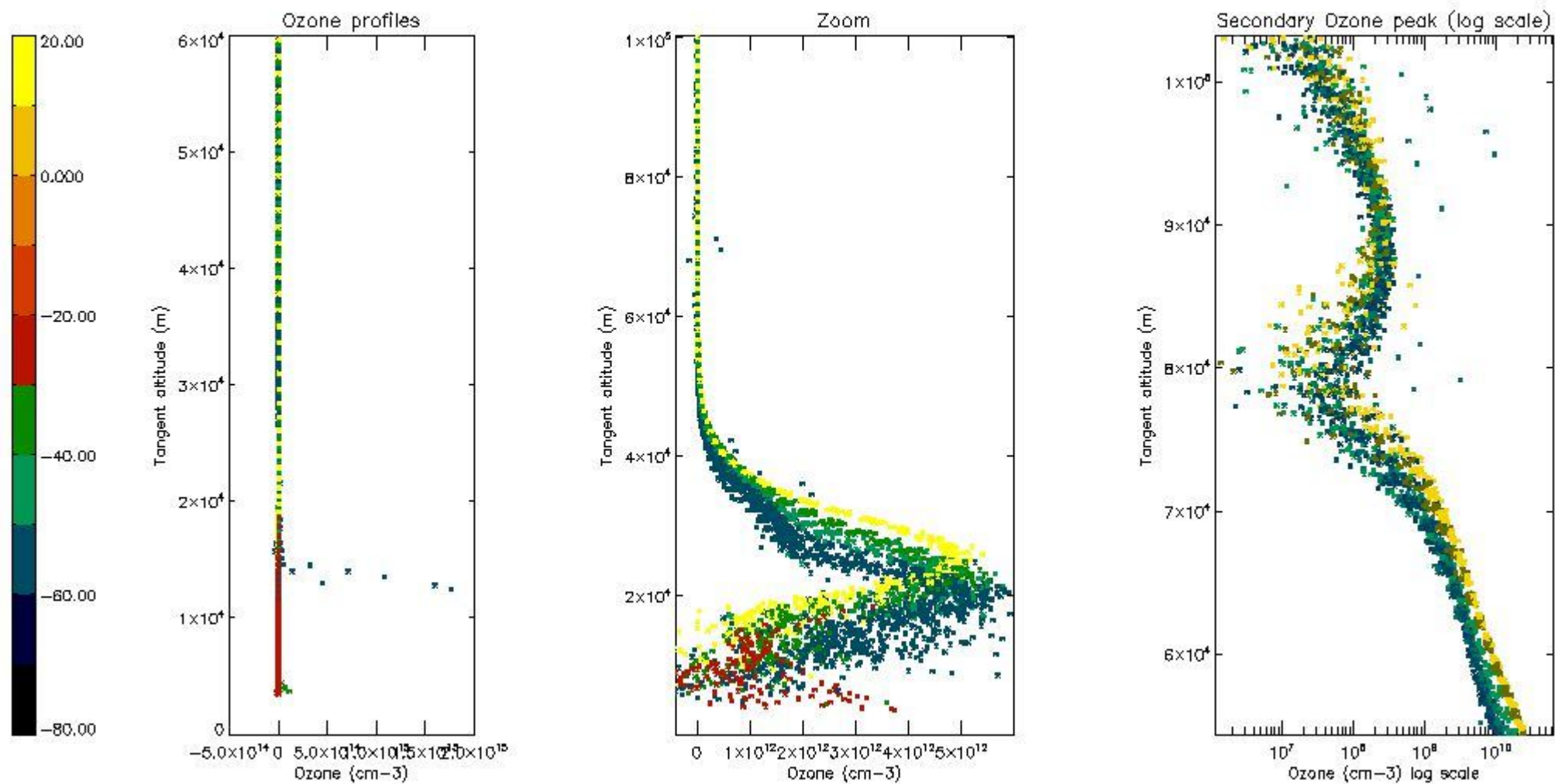
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	21

STD < 10	18
STD < 5	14

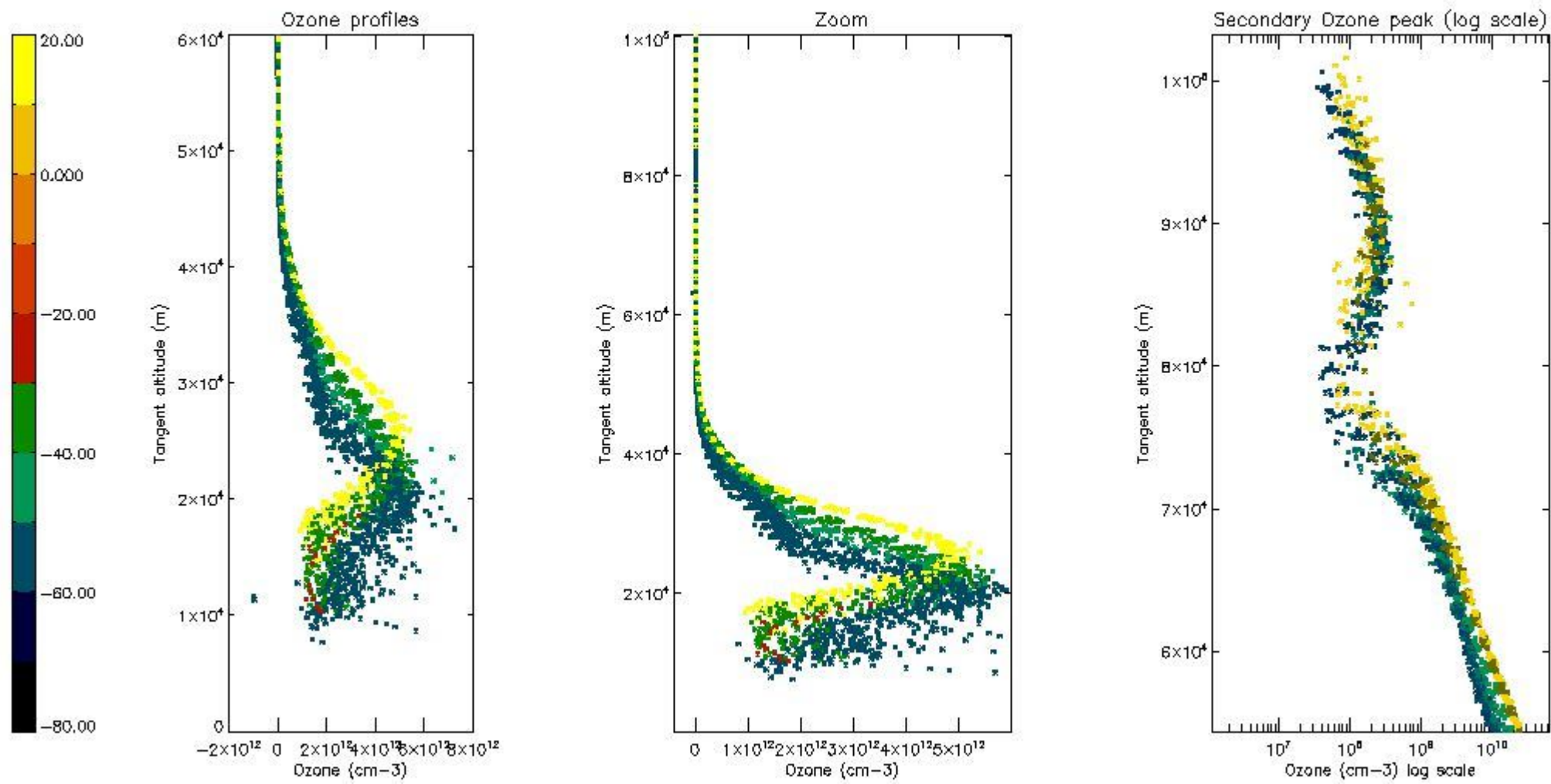
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



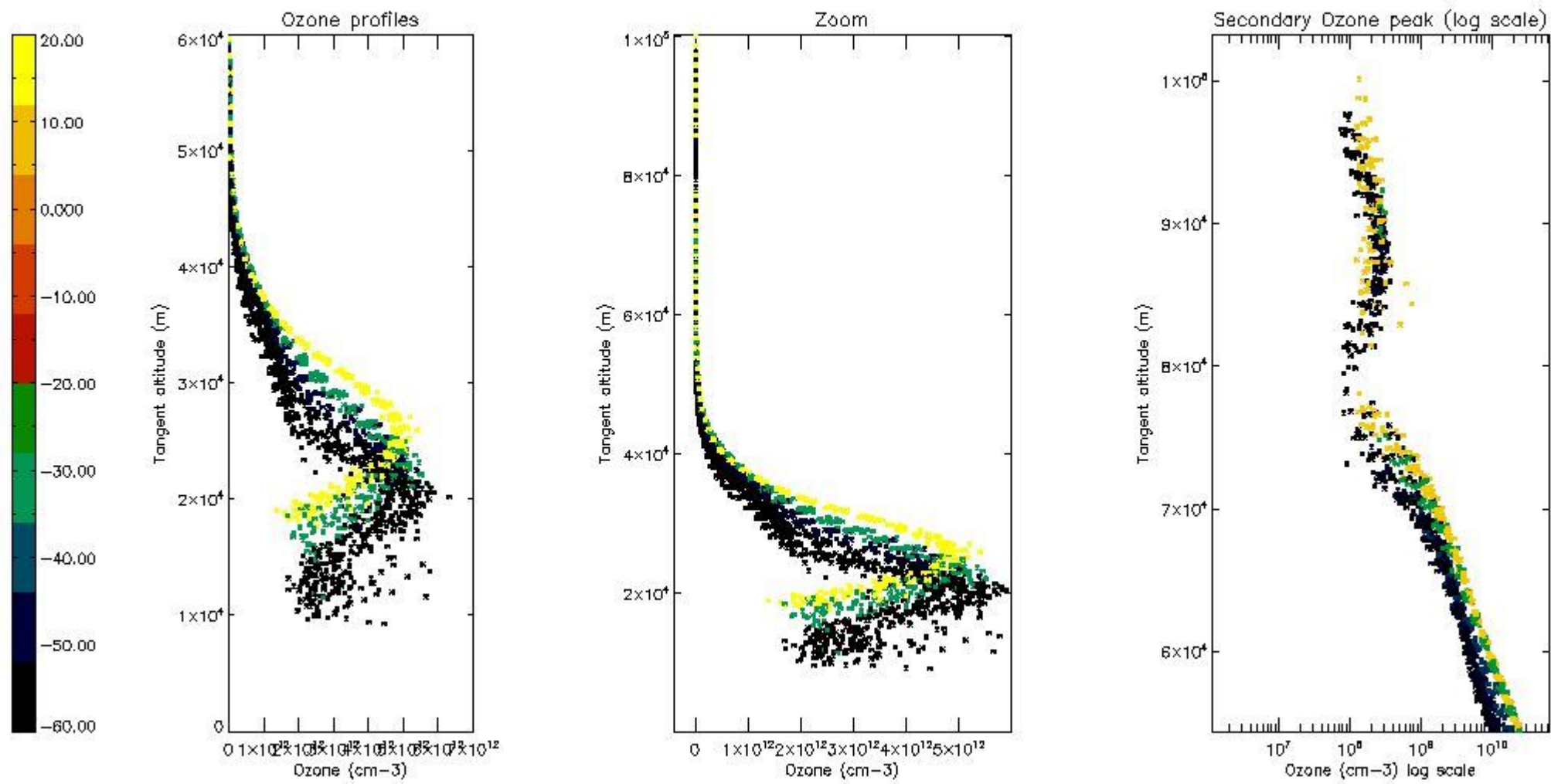
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



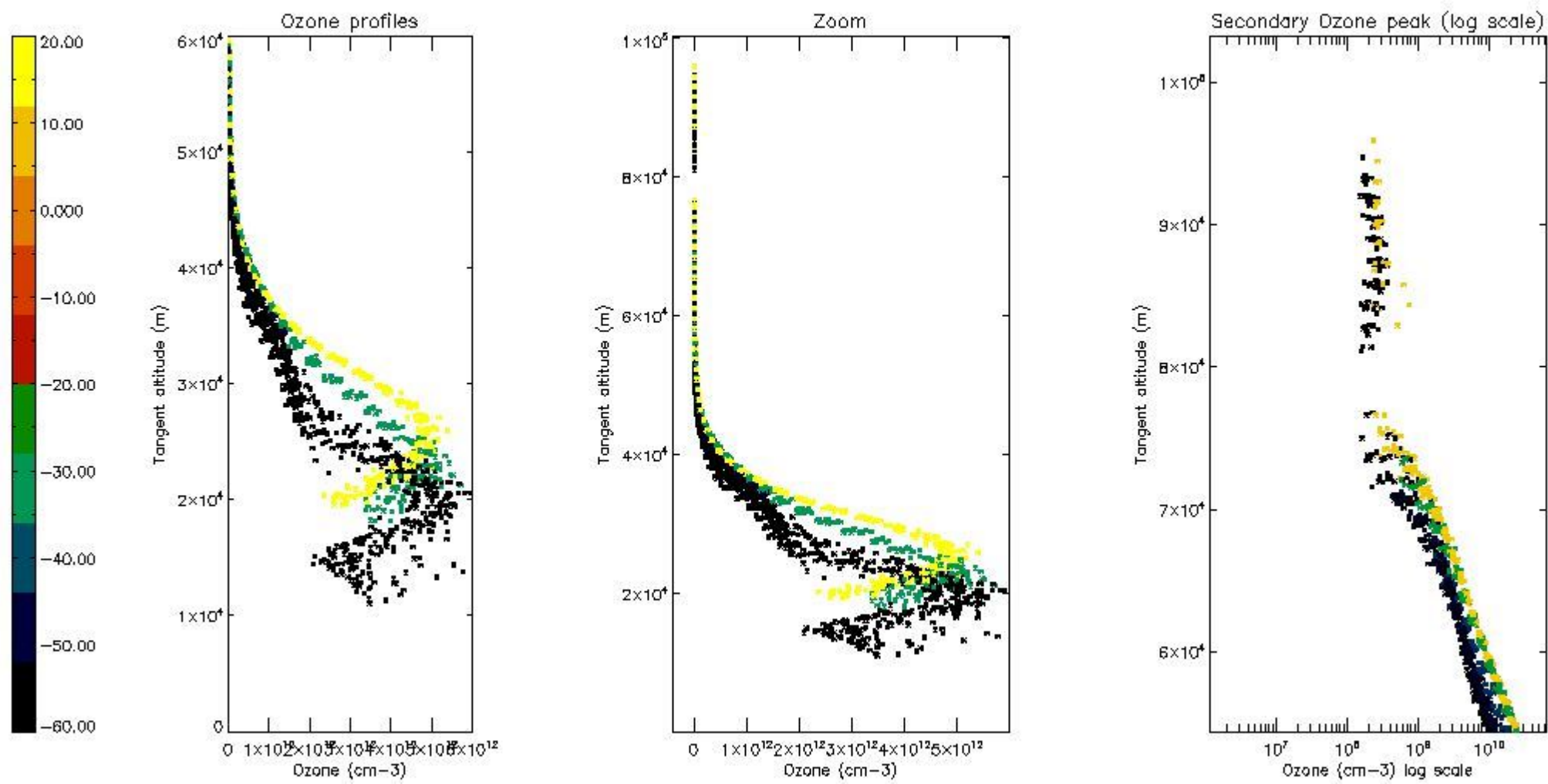
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



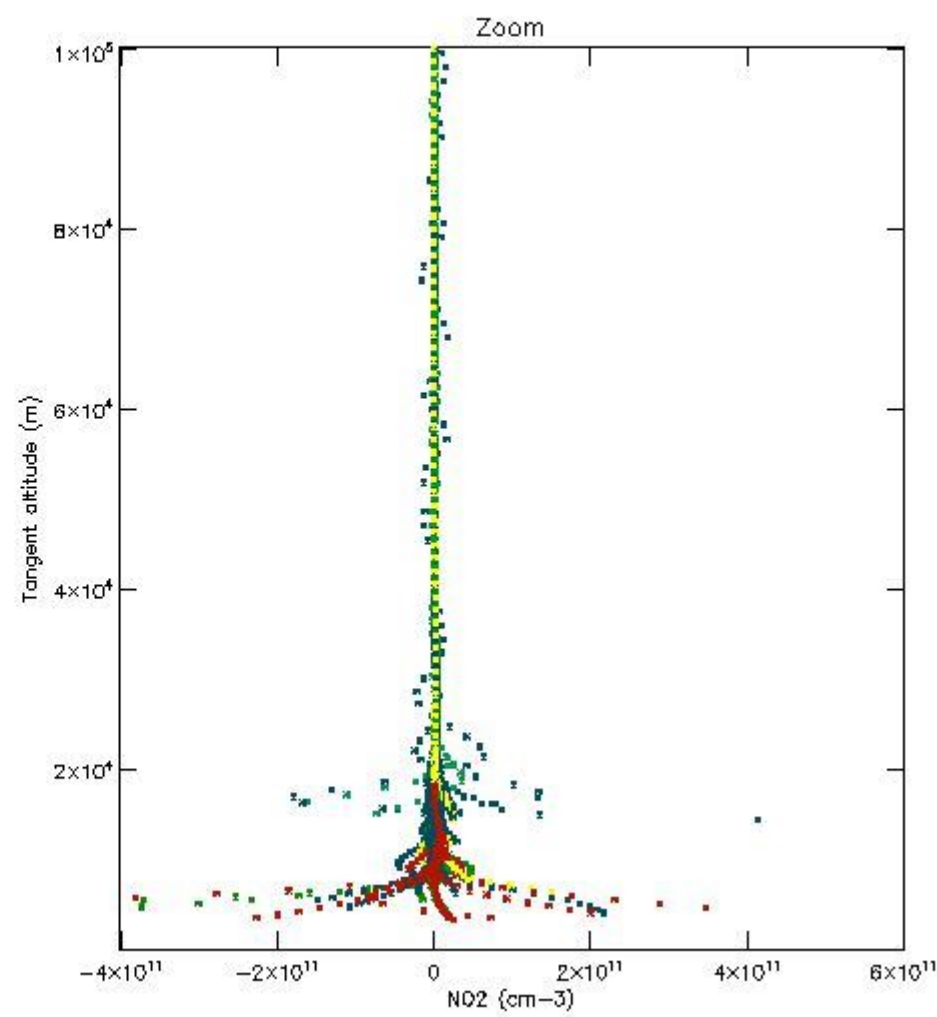
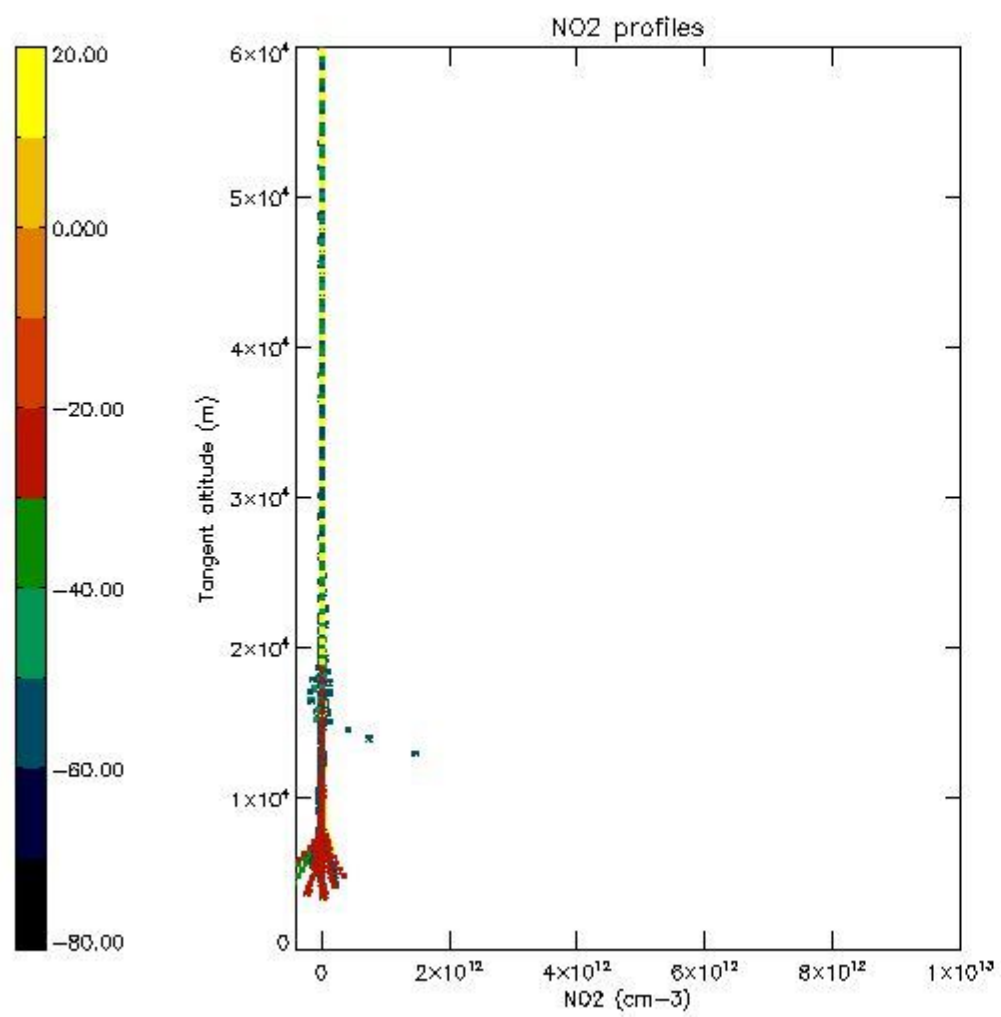
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



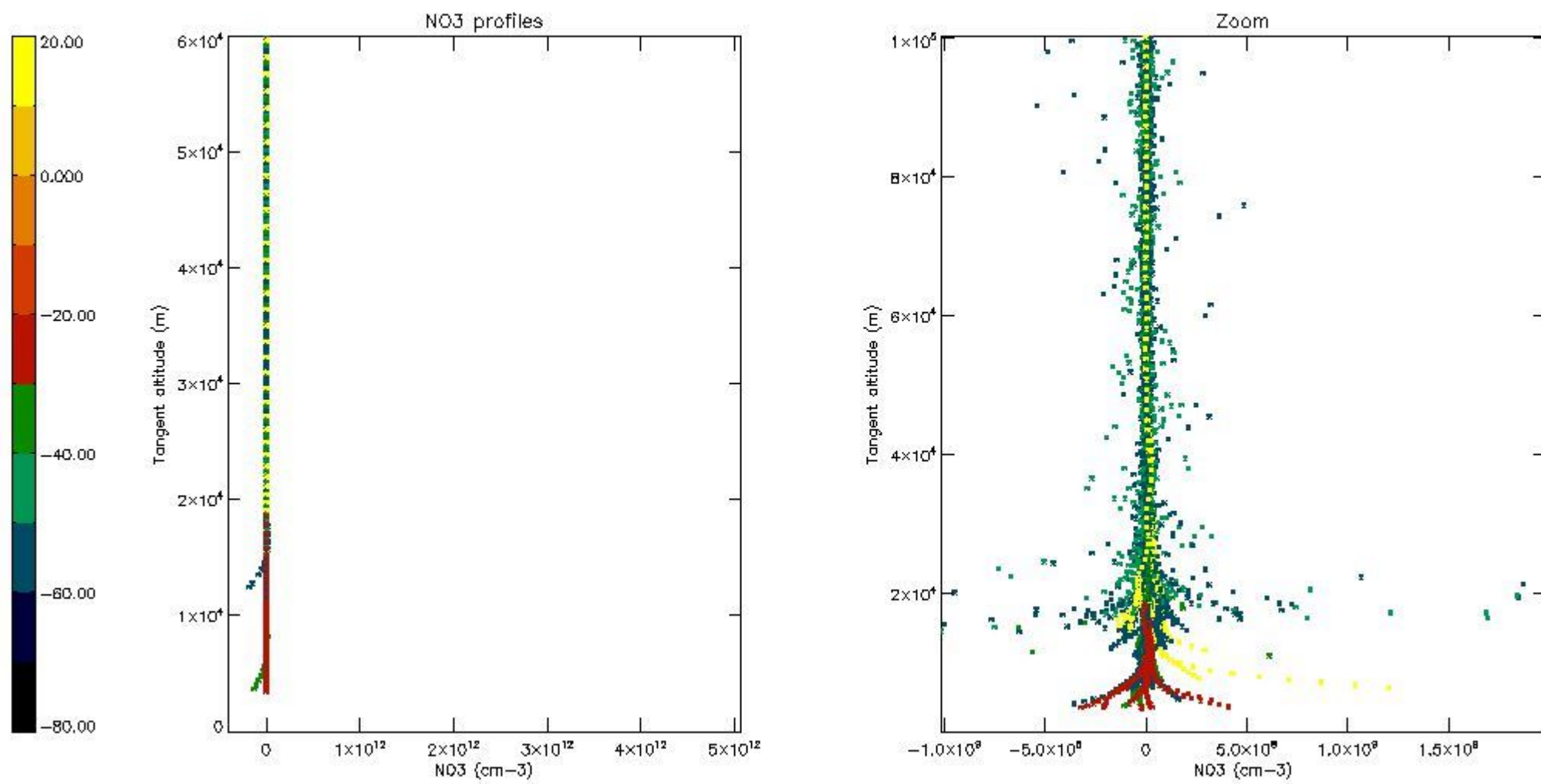
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



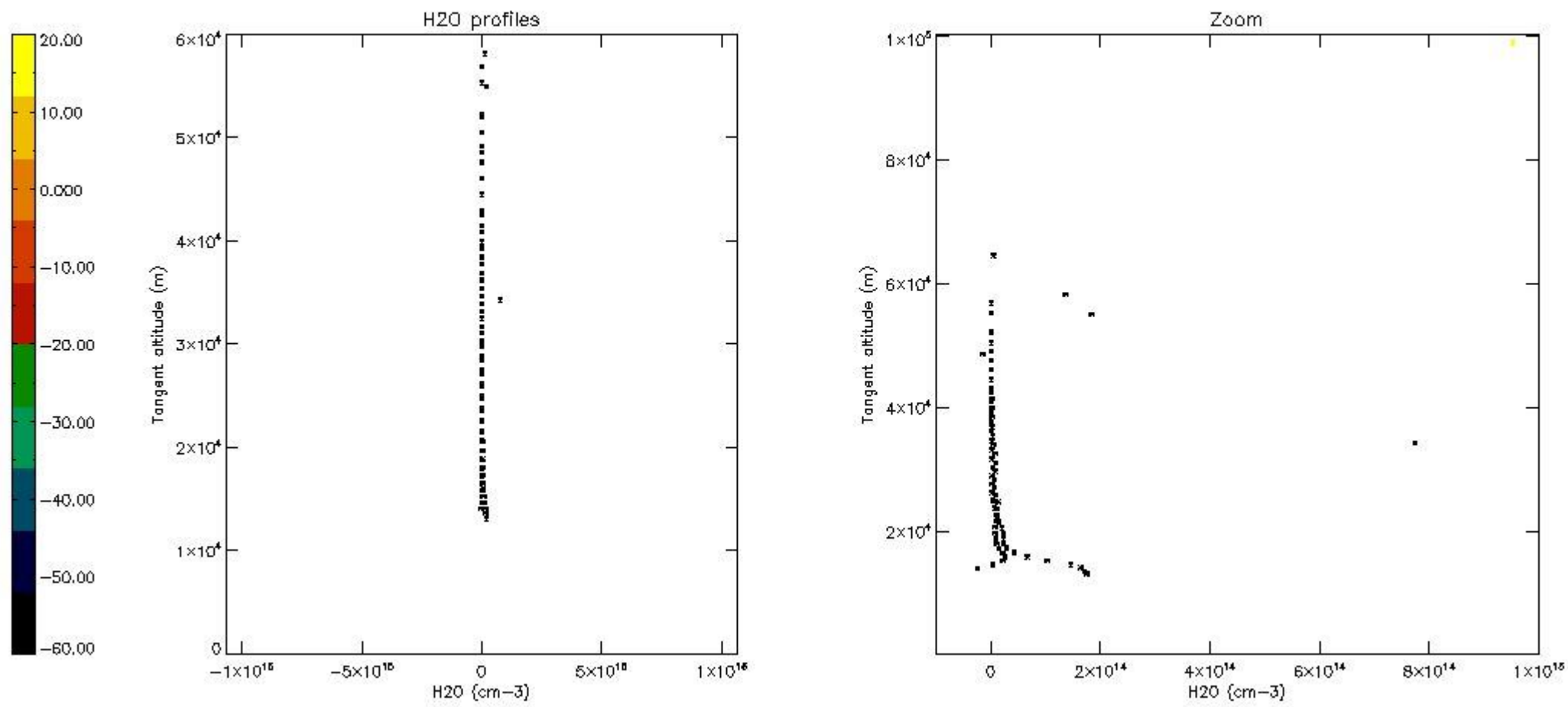
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

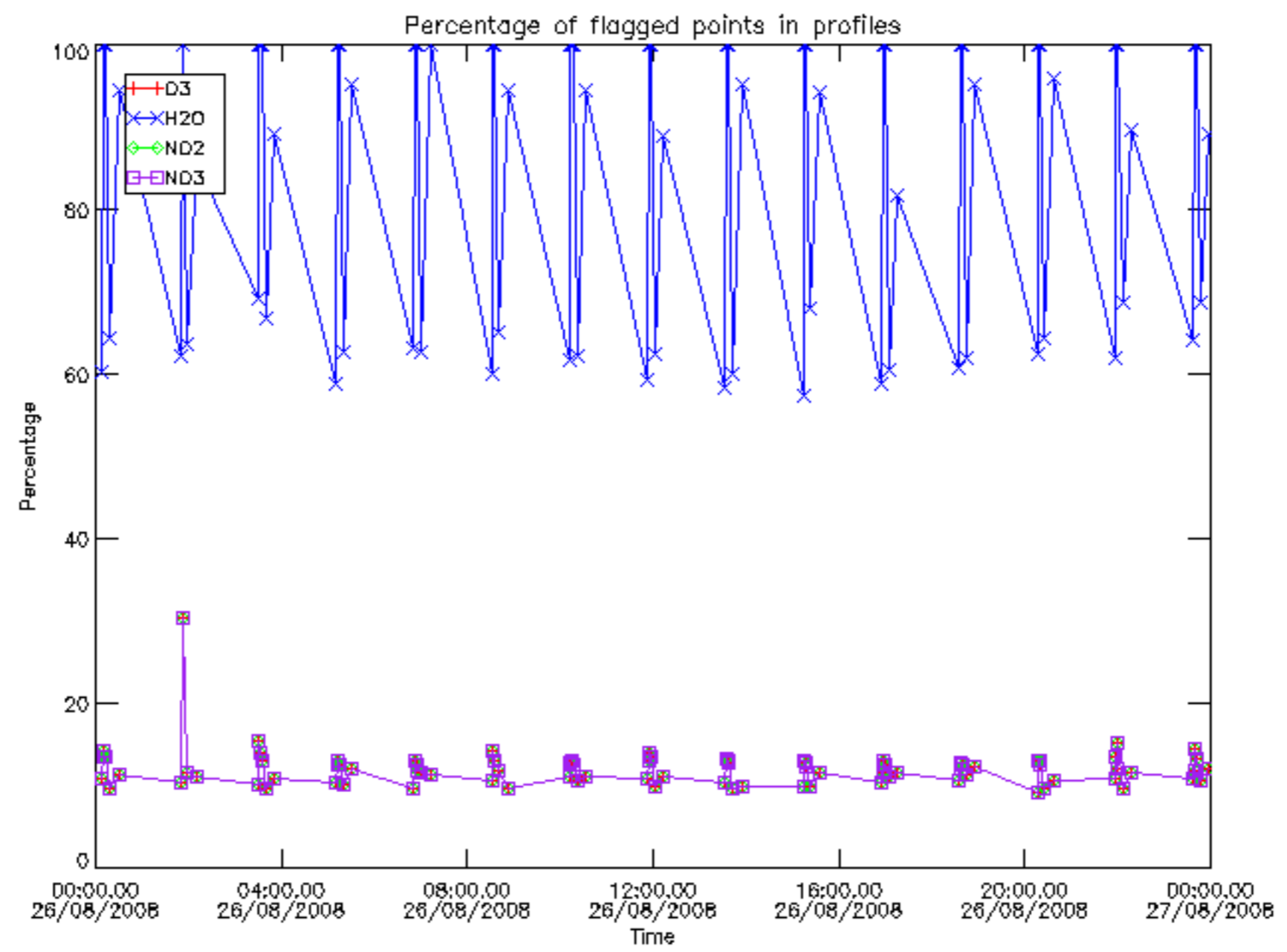


## 6. Auxiliary Data Files used for the production reported in section 2

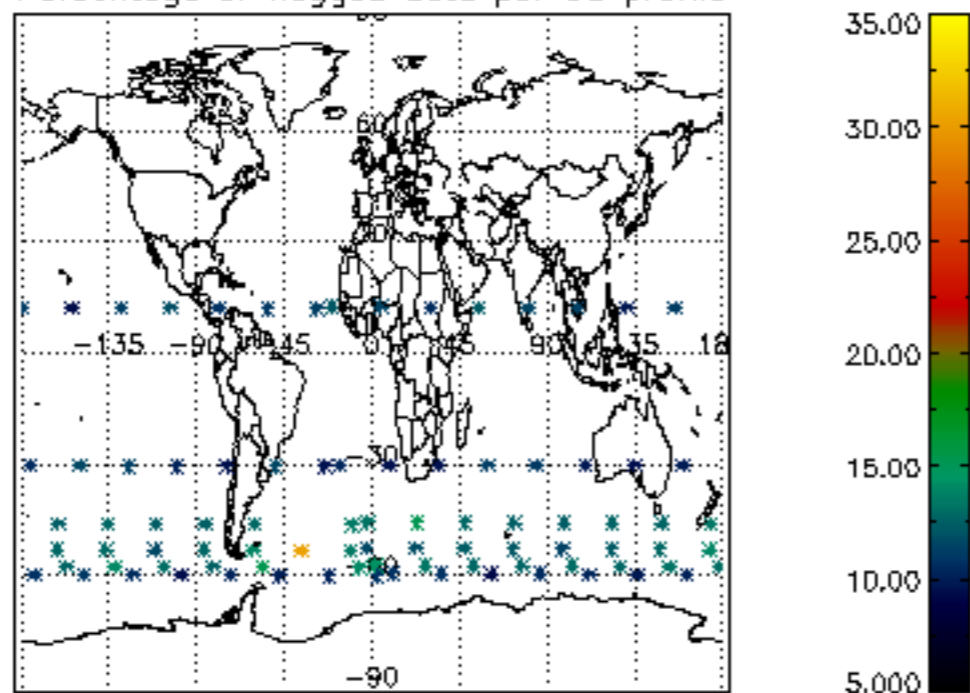
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-AUG-2008 00:00:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	26-AUG-2008 00:00:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	26-AUG-2008 00:00:35

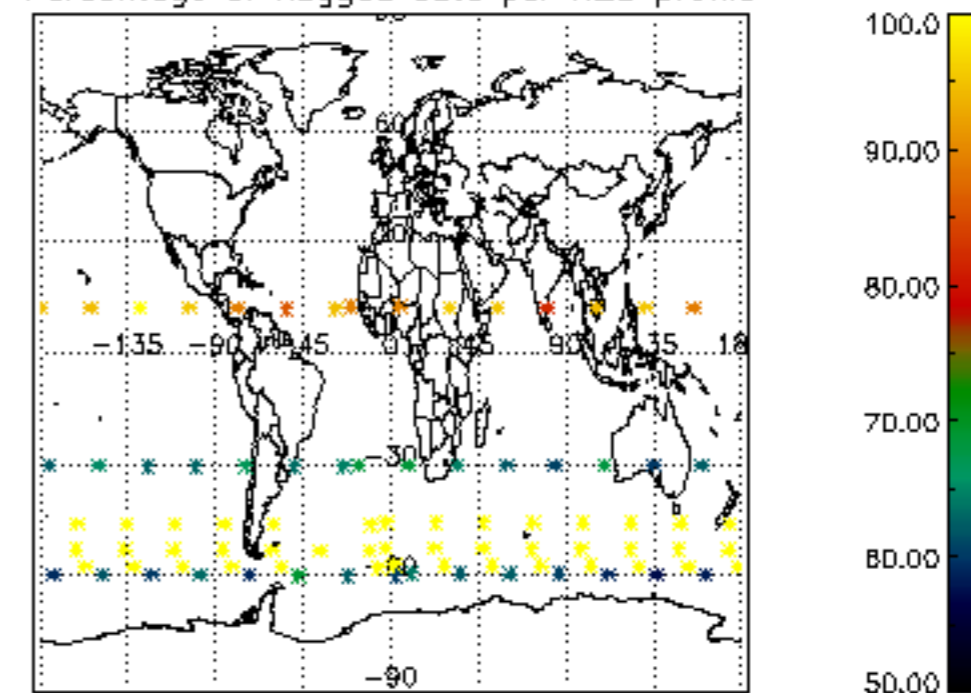




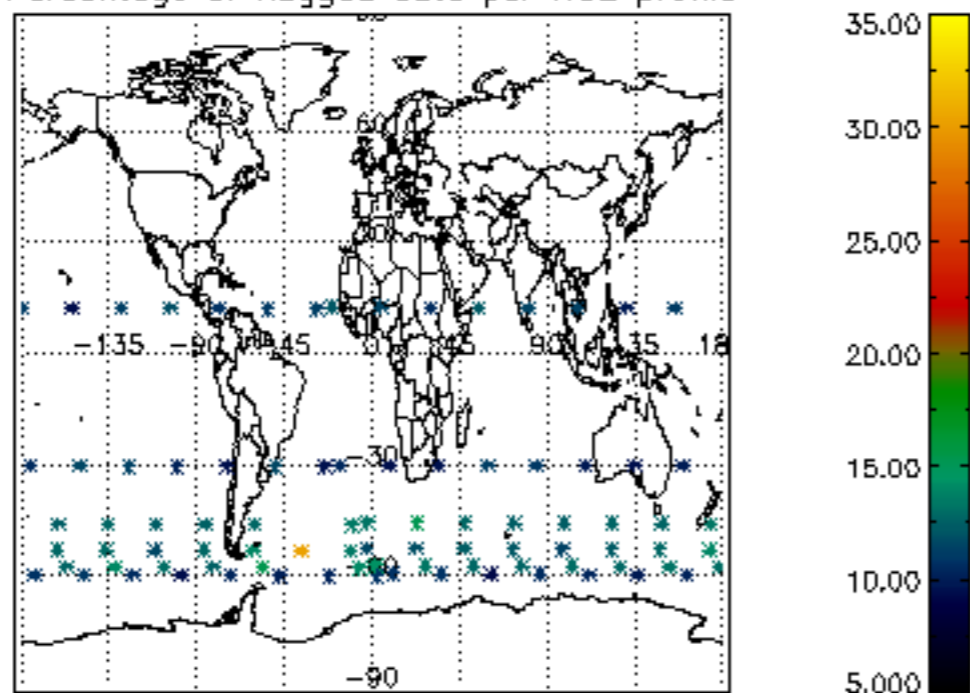
Percentage of flagged data per D3 profile



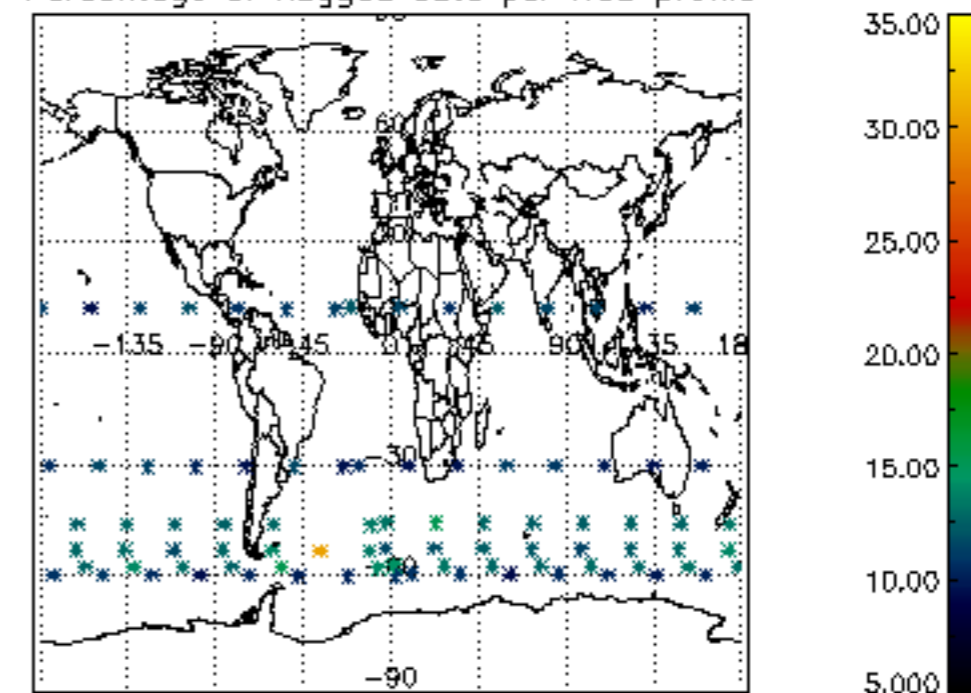
Percentage of flagged data per H2O profile

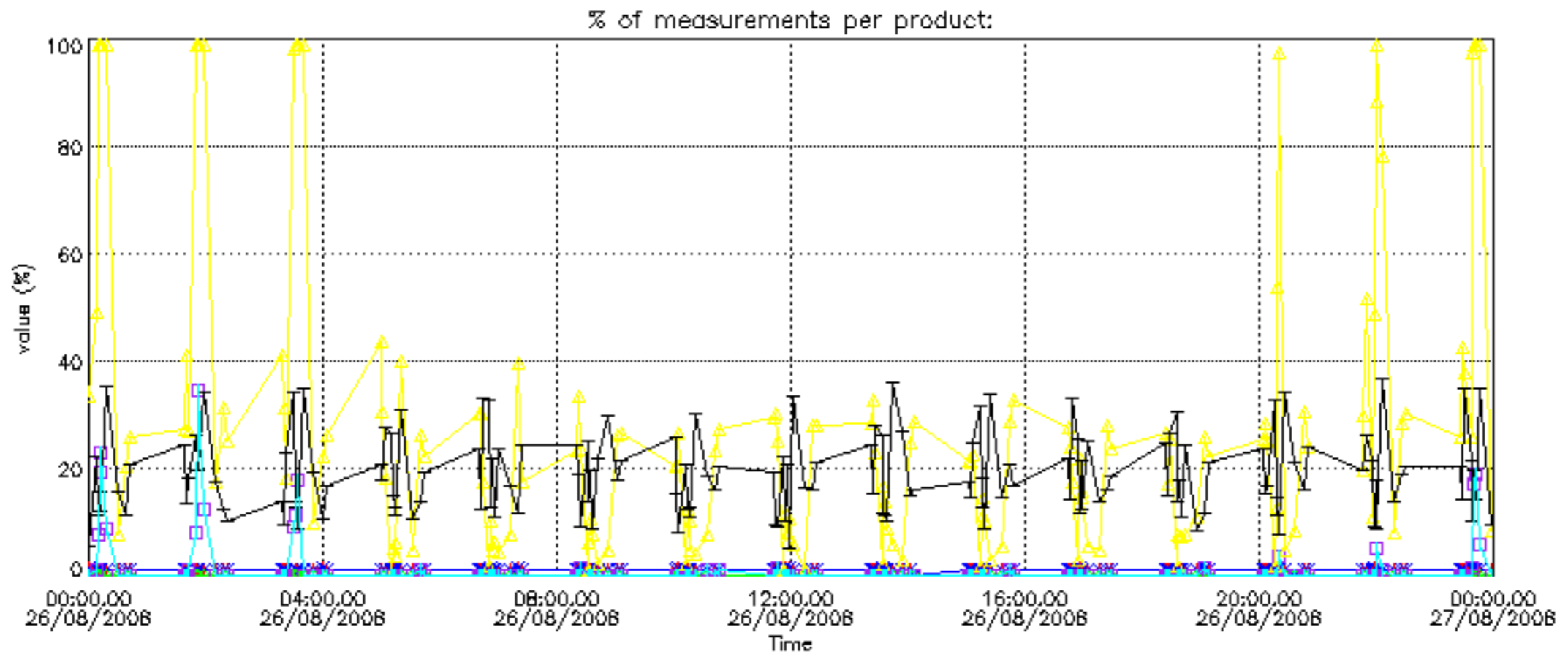
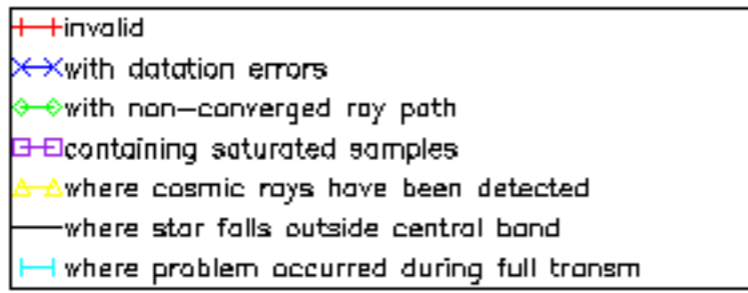


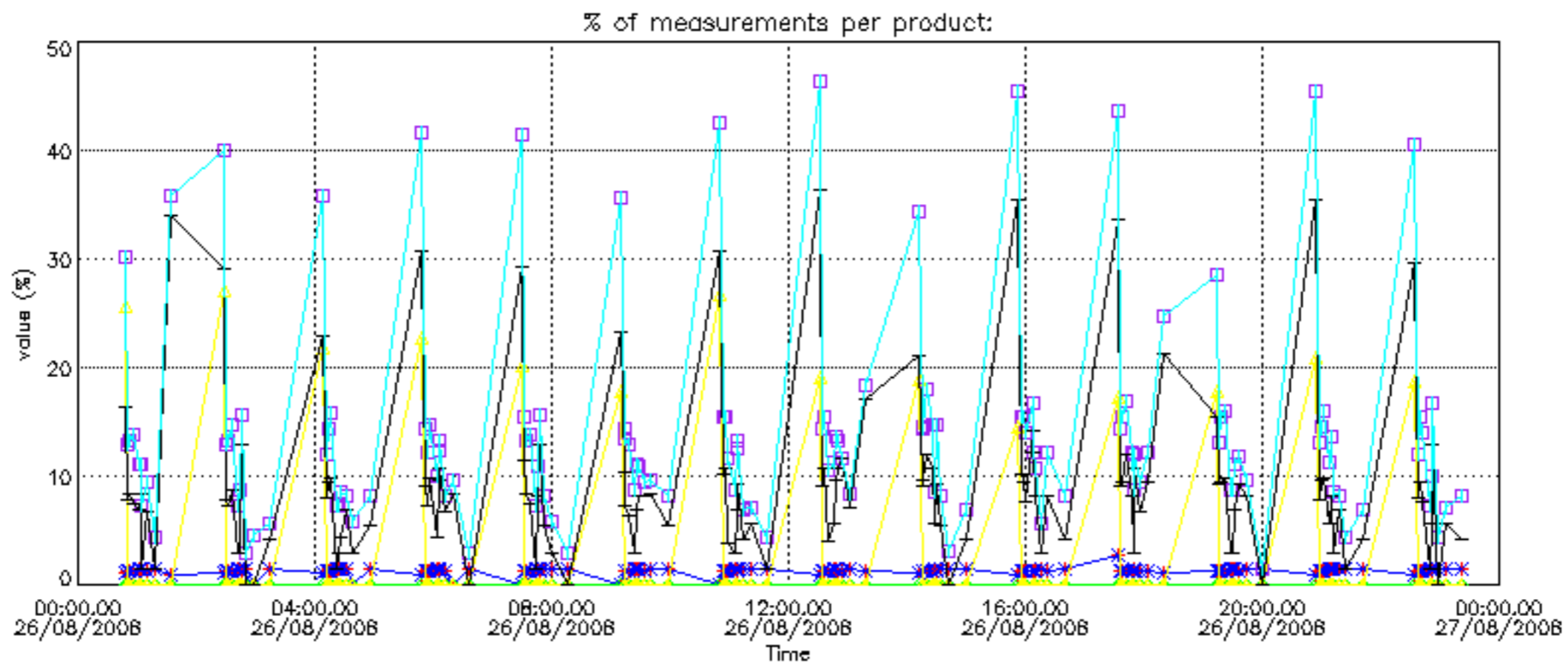
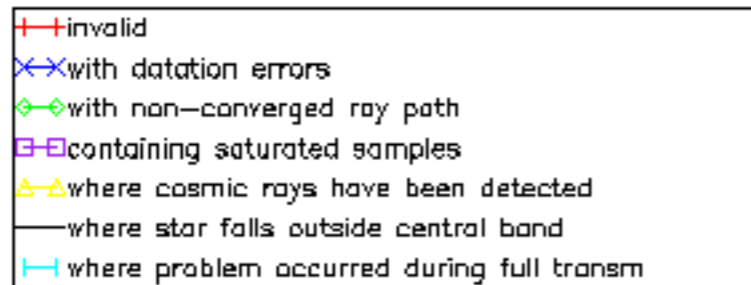
Percentage of flagged data per NO2 profile



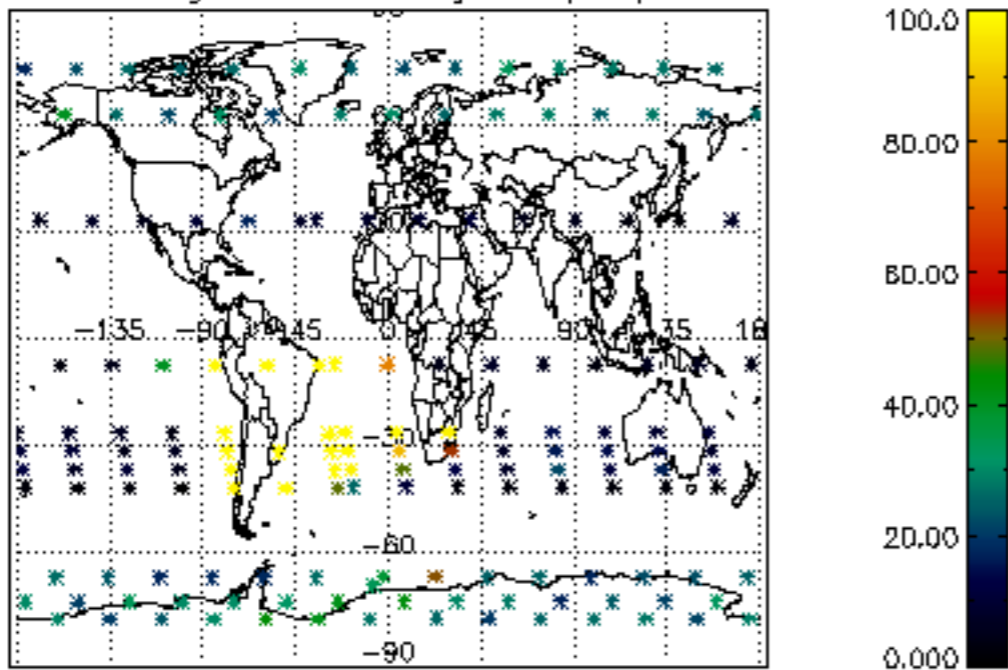
Percentage of flagged data per NO3 profile



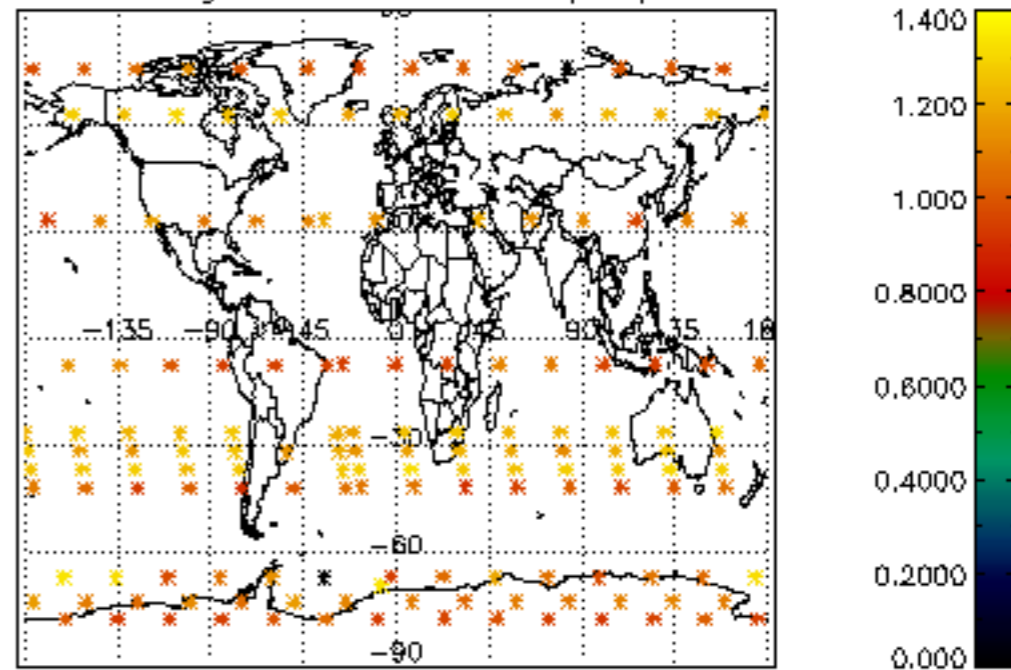




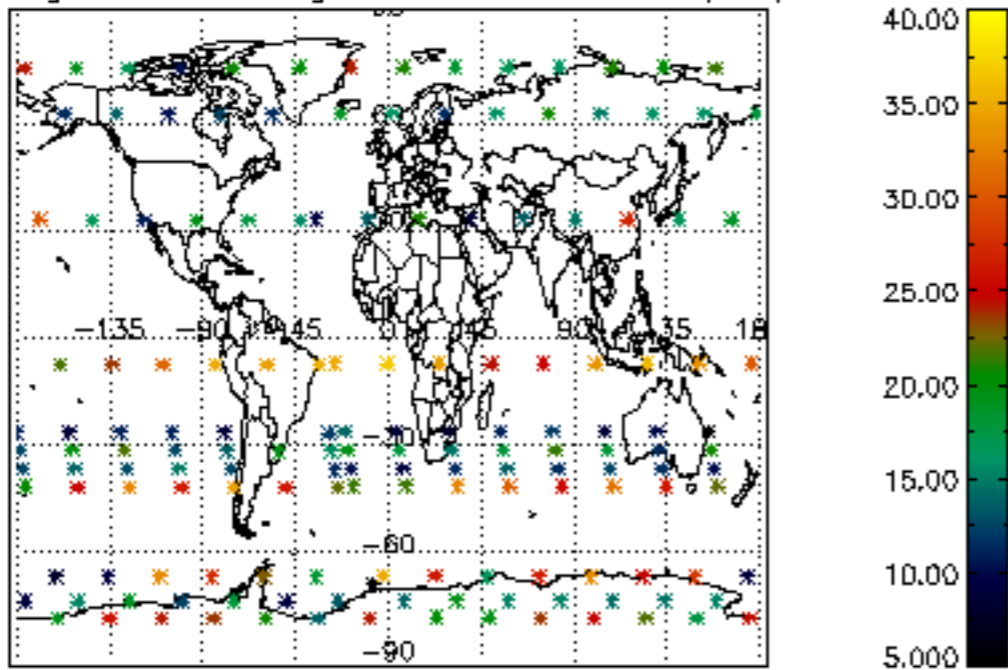
Percentage of cosmic ray hits per profile



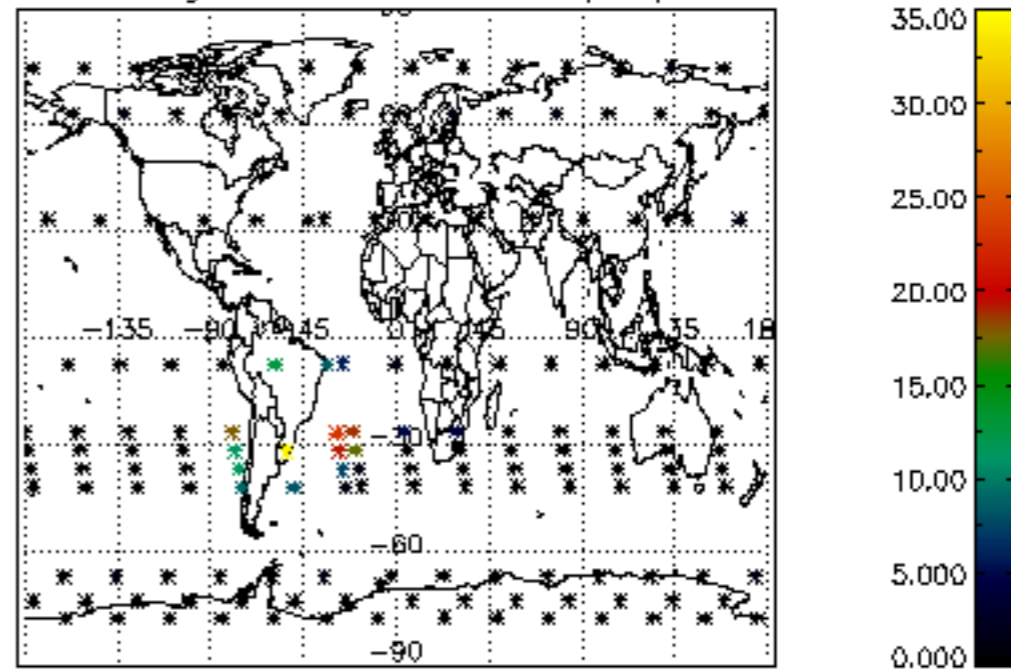
Percentage of datation errors per profile



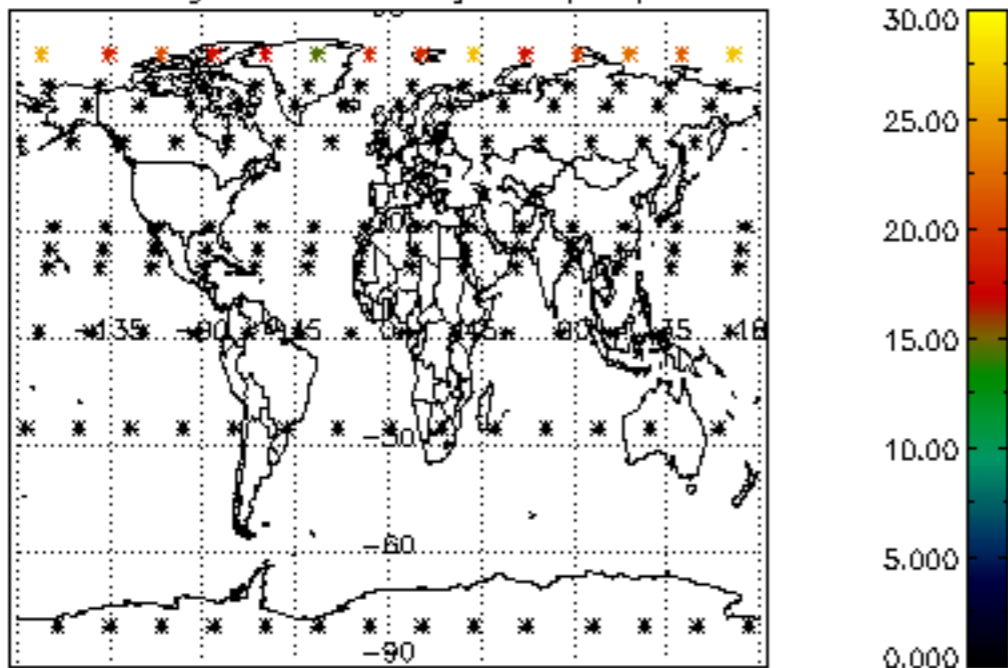
Percentage of star falling outside central band per profile



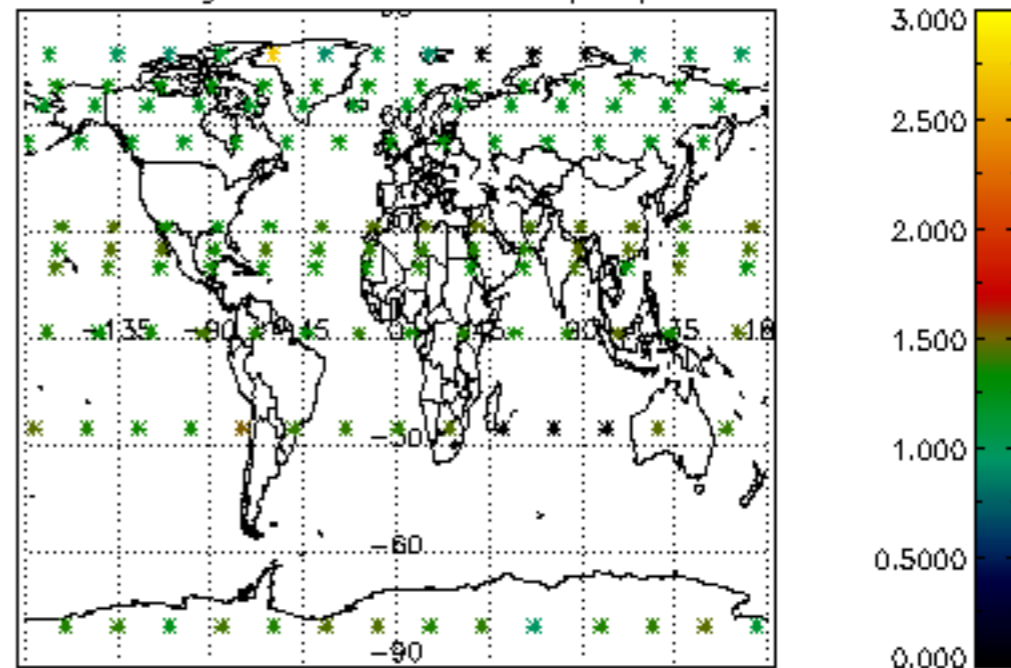
Percentage of saturation errors per profile



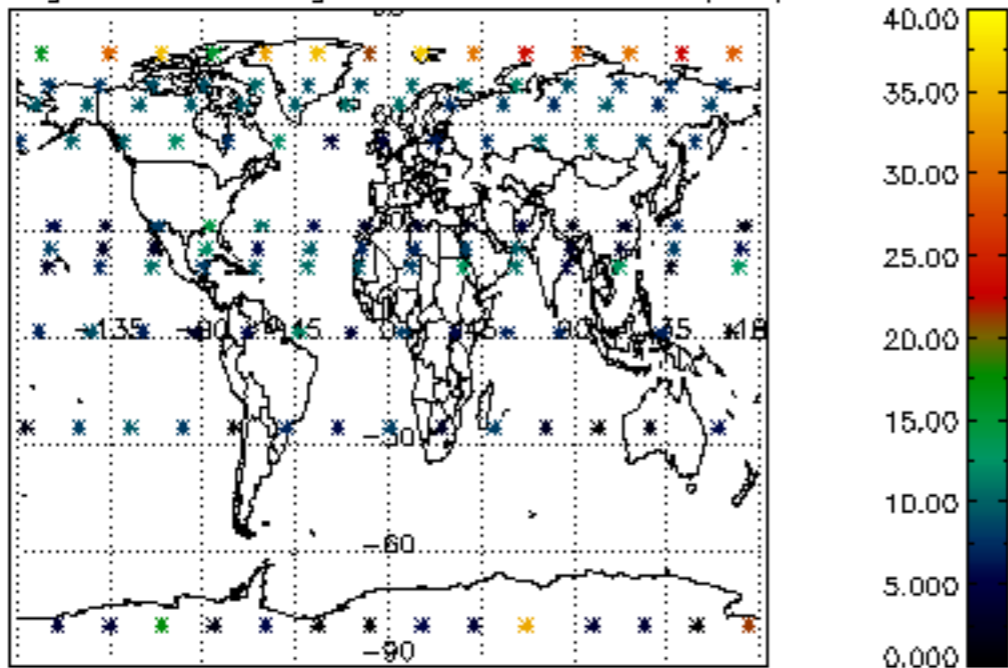
Percentage of cosmic ray hits per profile



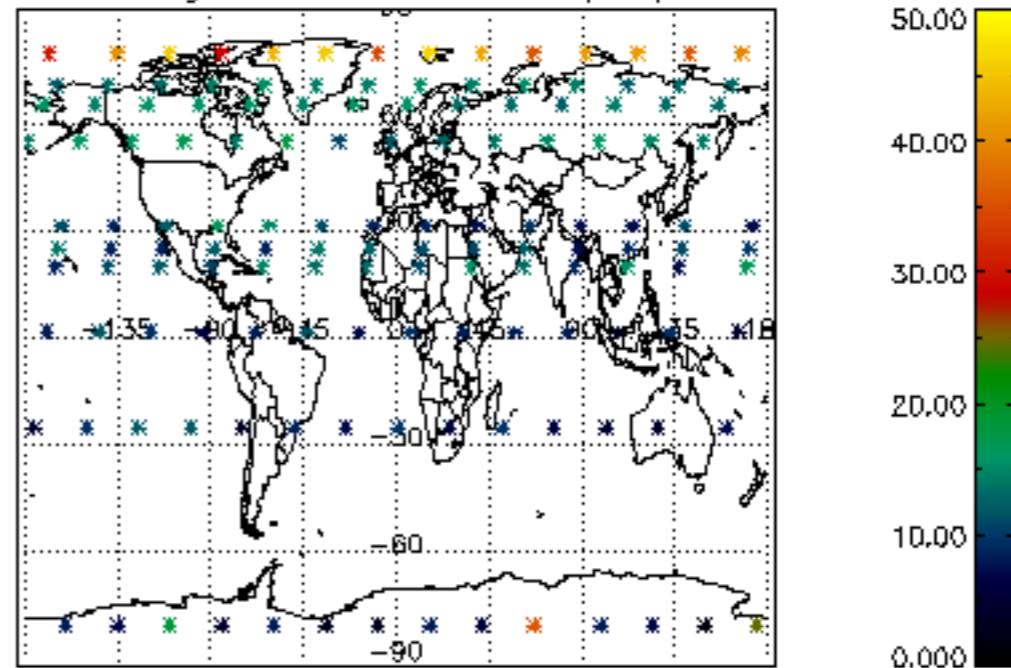
Percentage of datation errors per profile

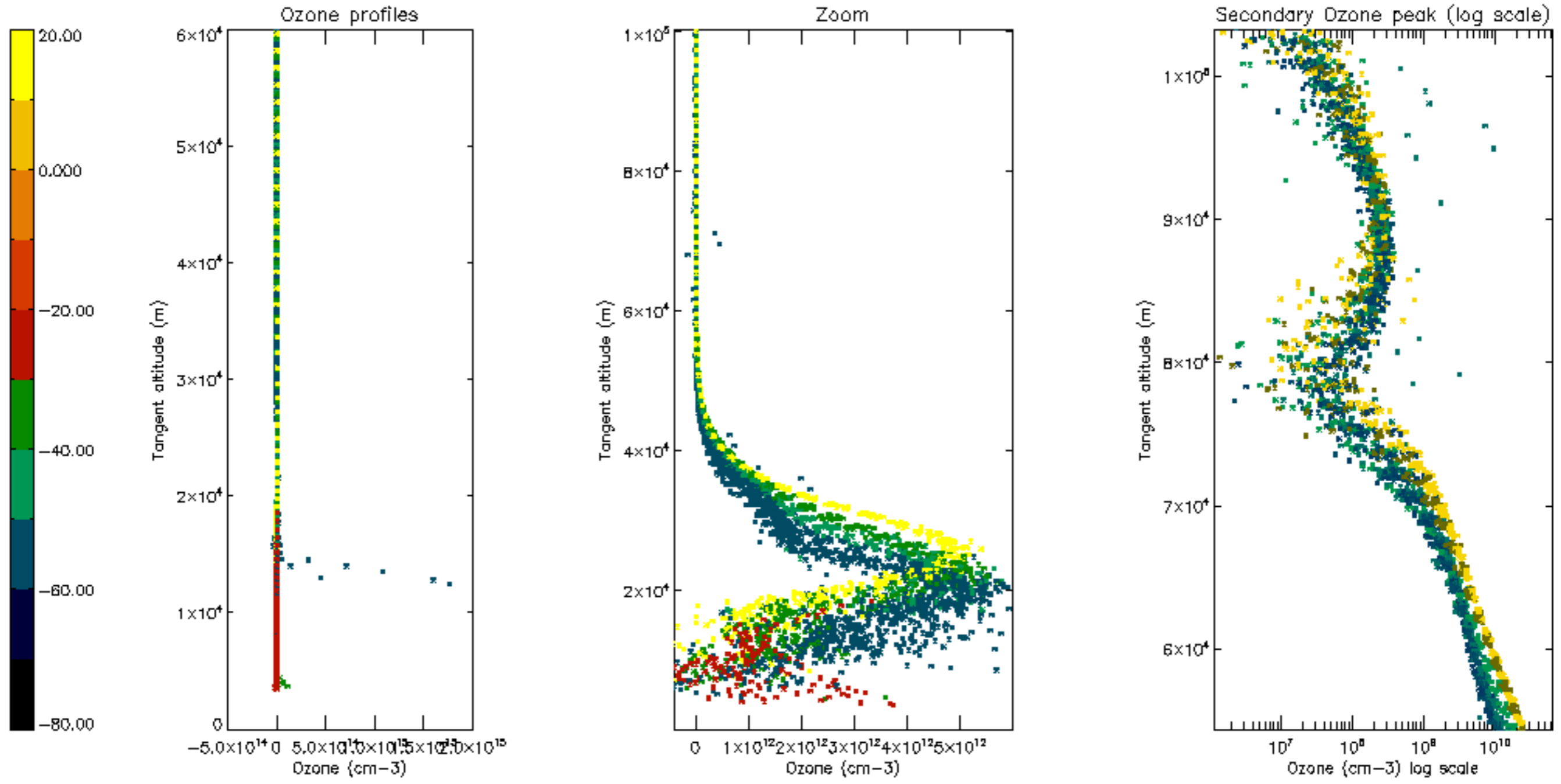


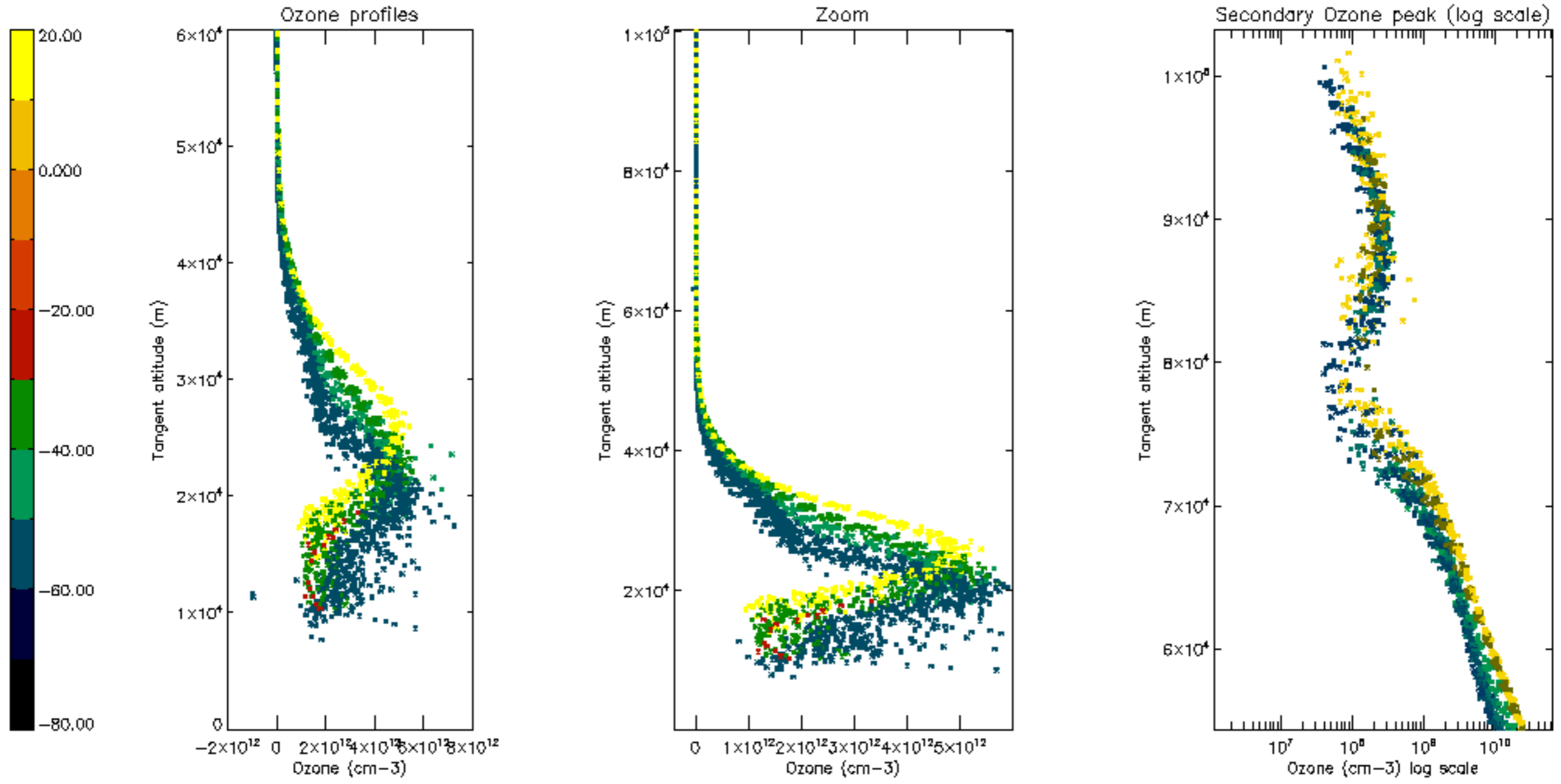
Percentage of star falling outside central band per profile



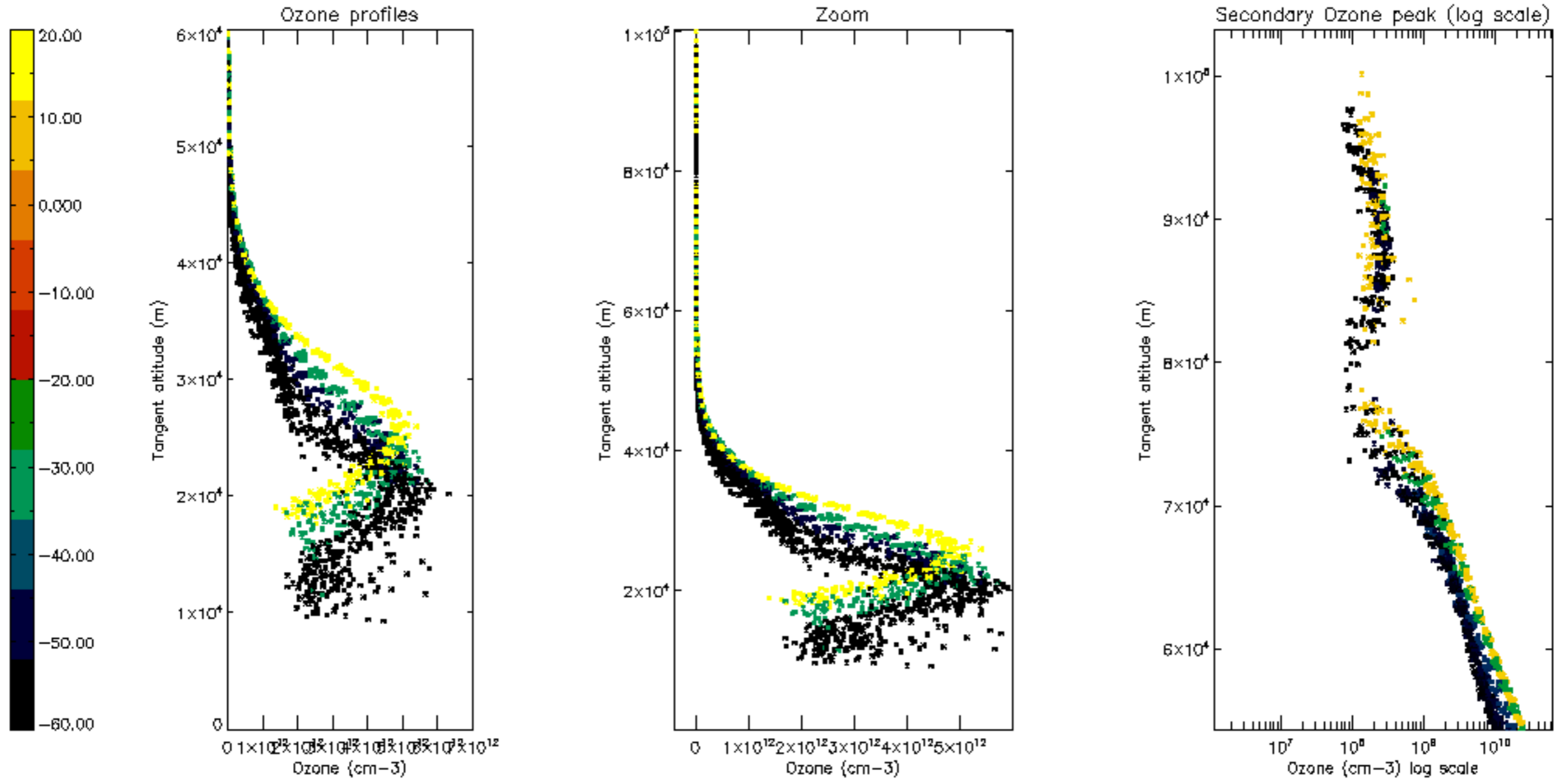
Percentage of saturation errors per profile

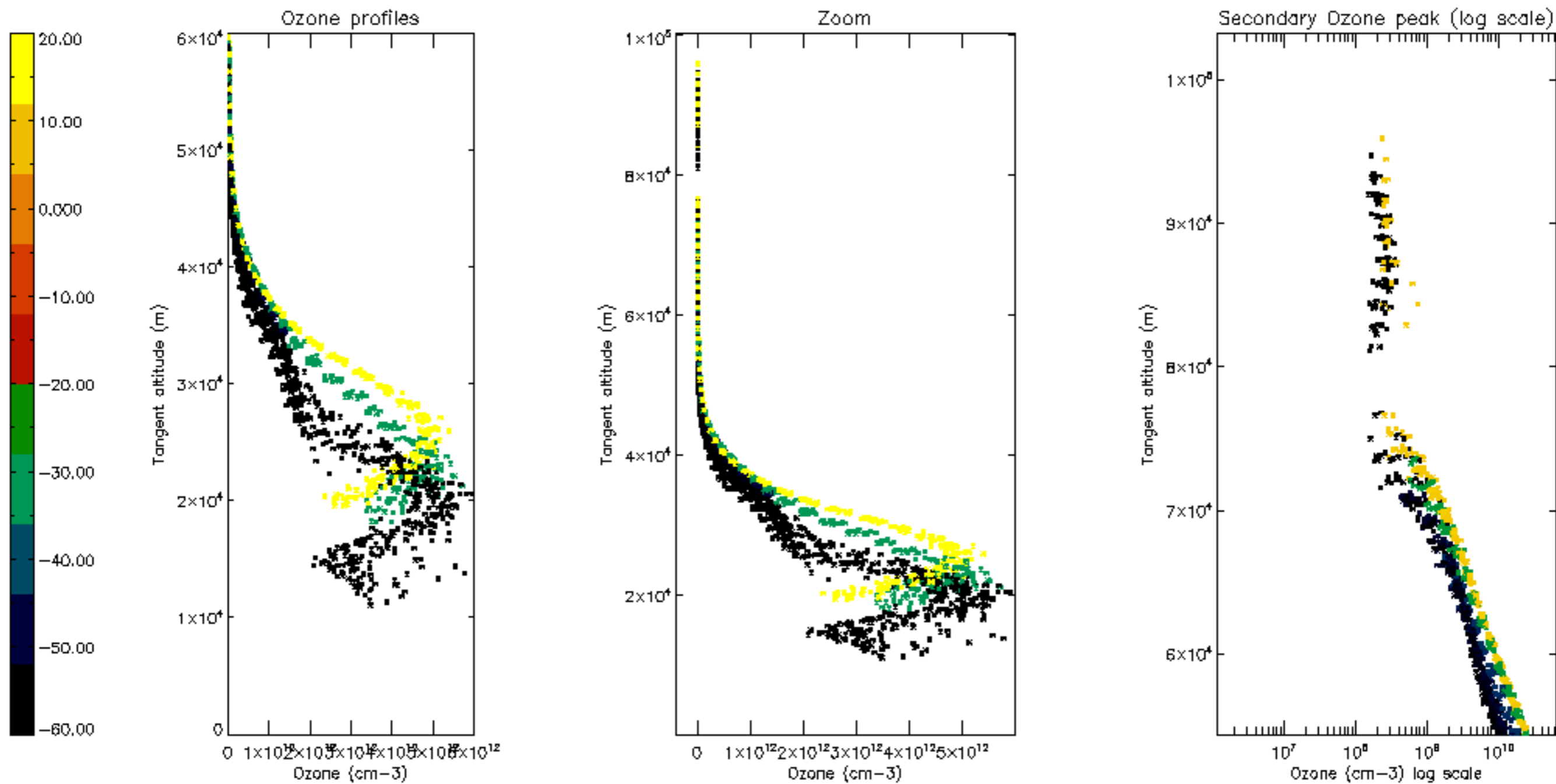


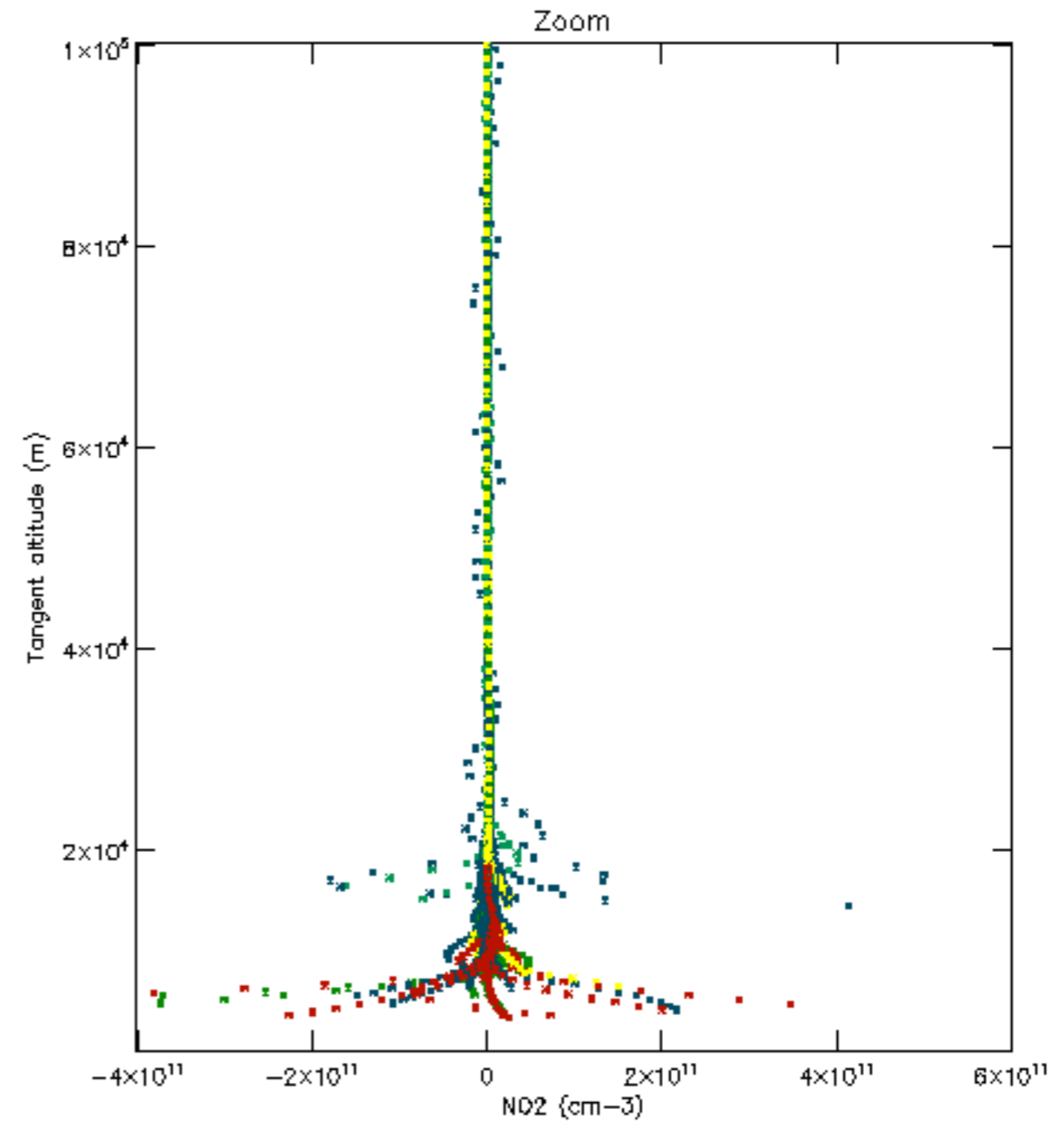
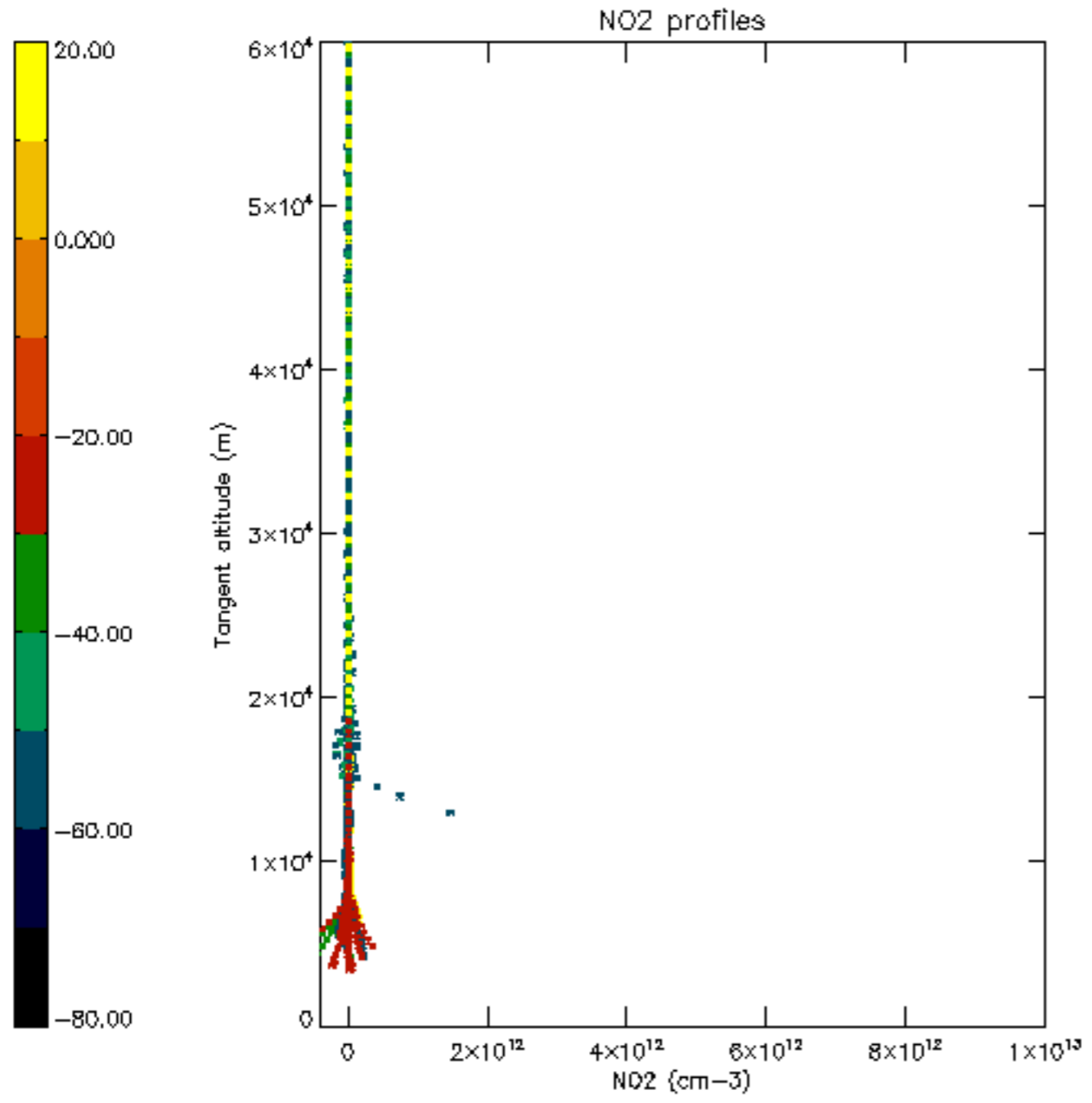


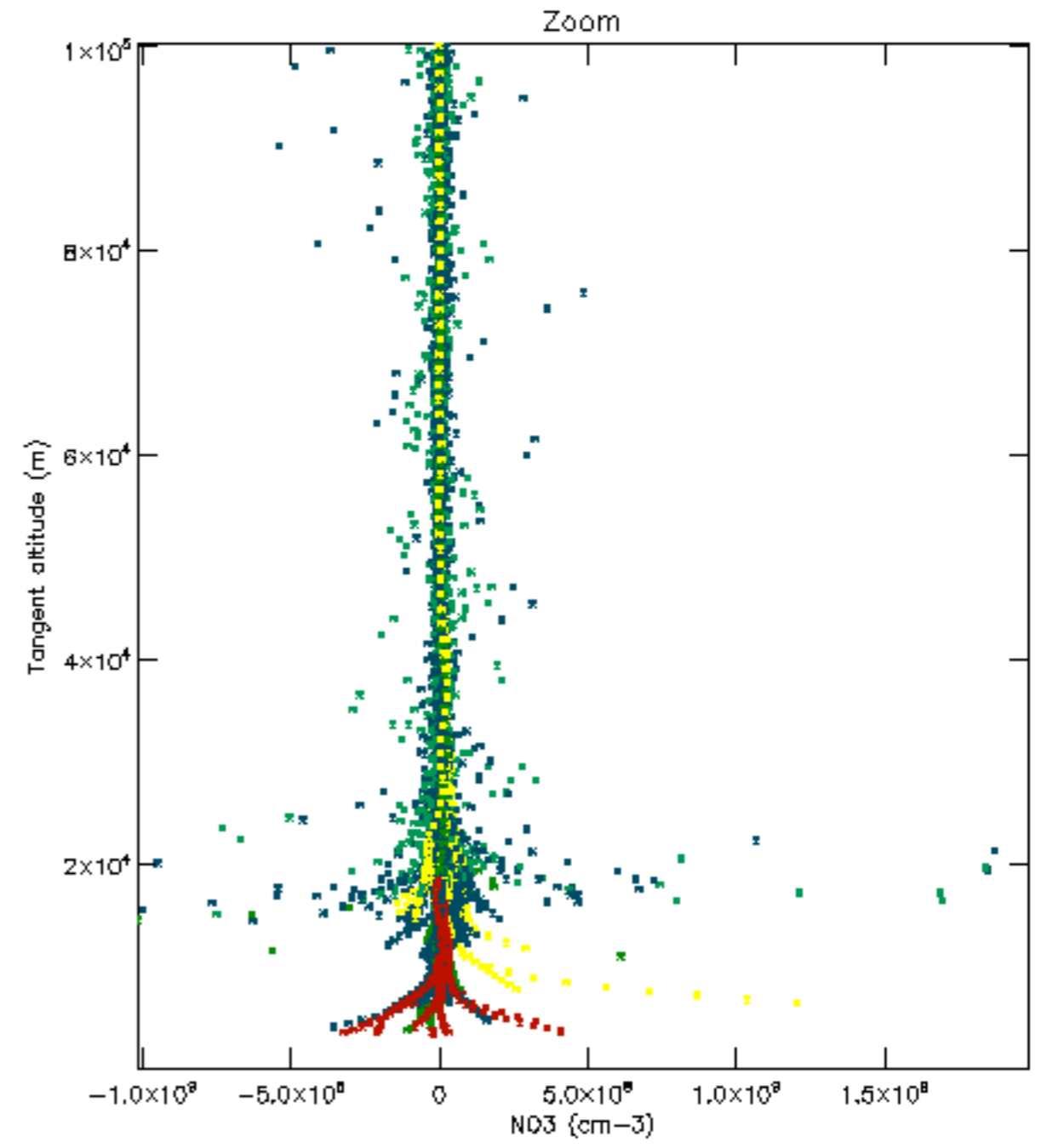
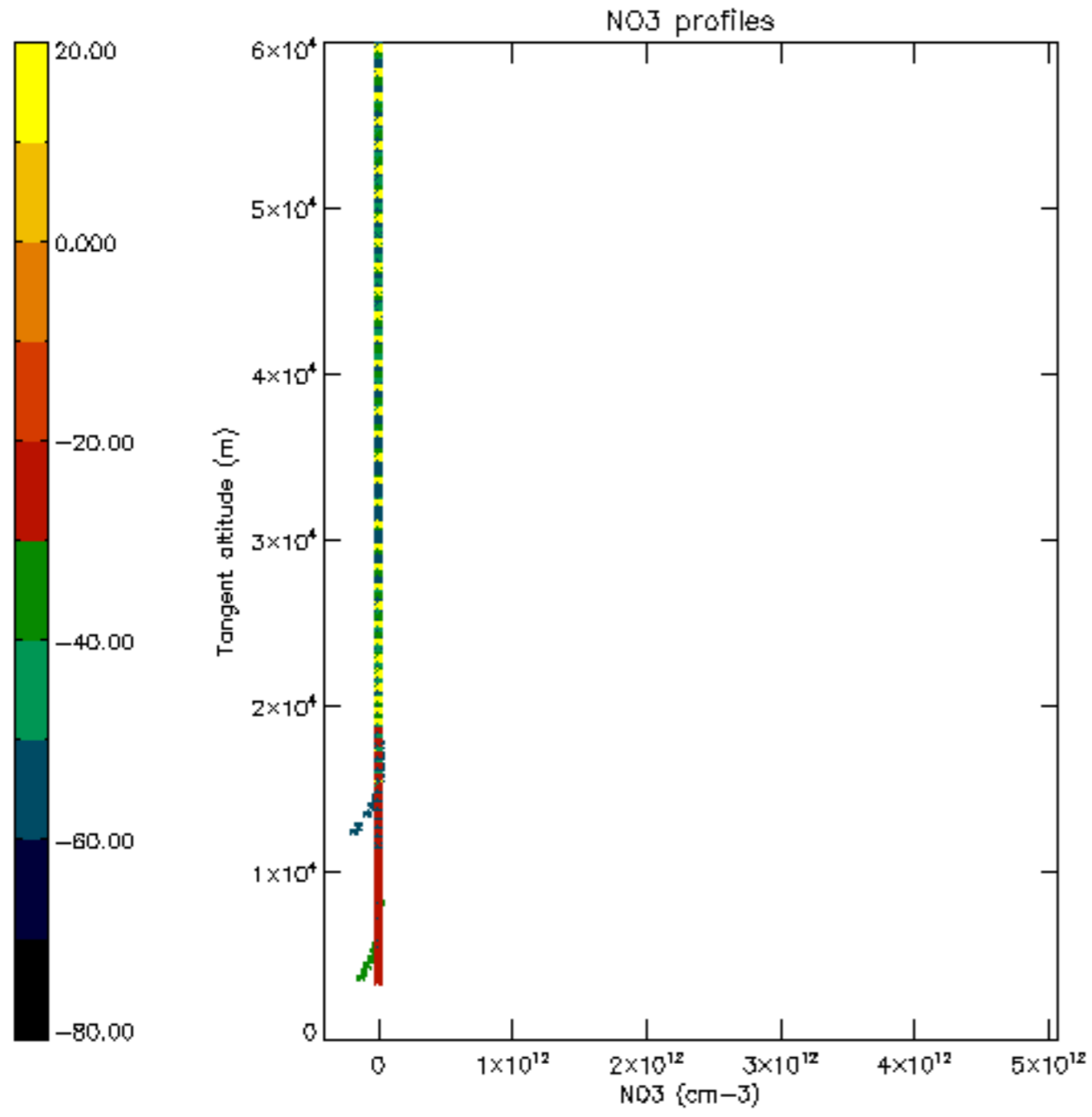


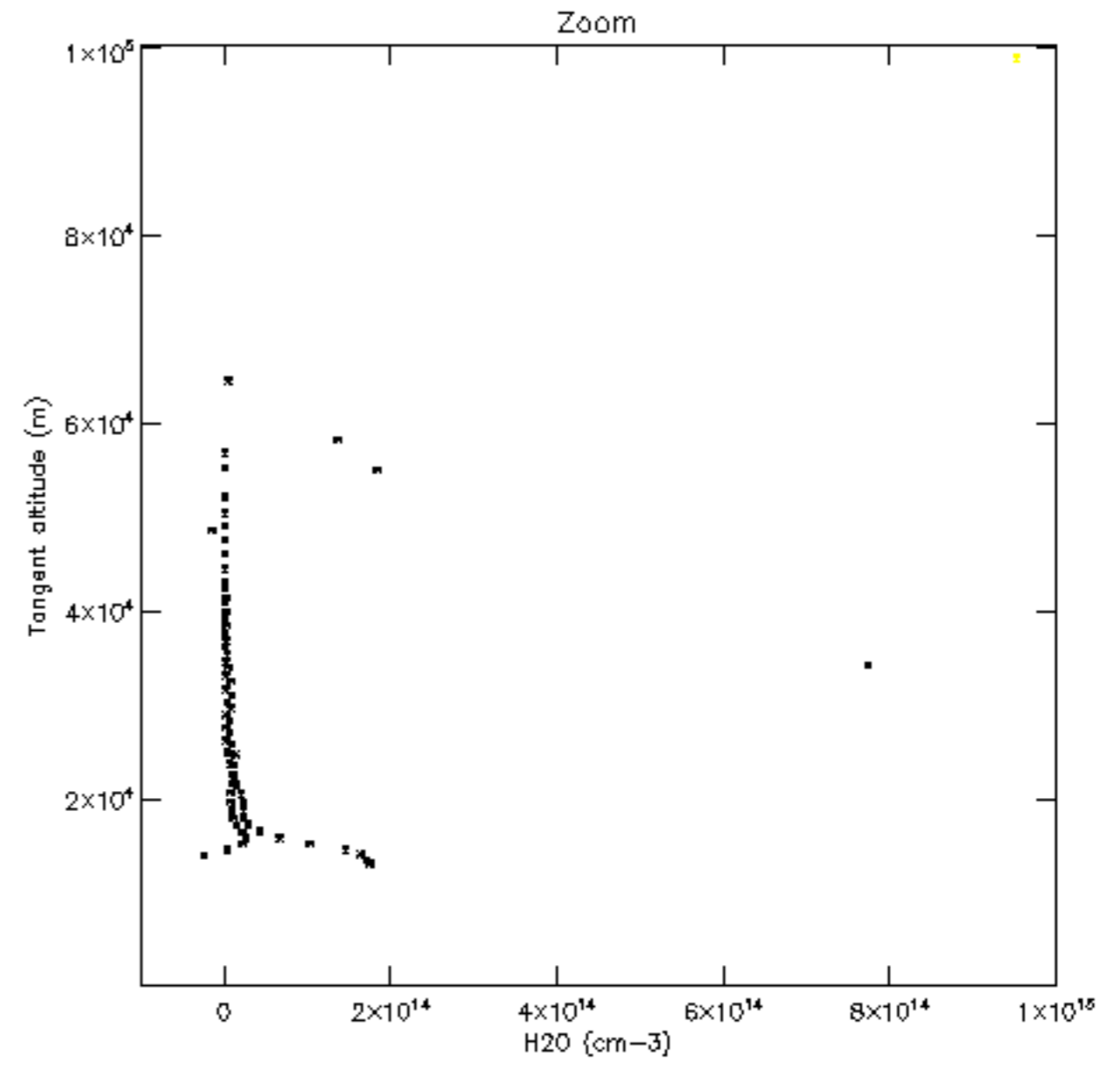
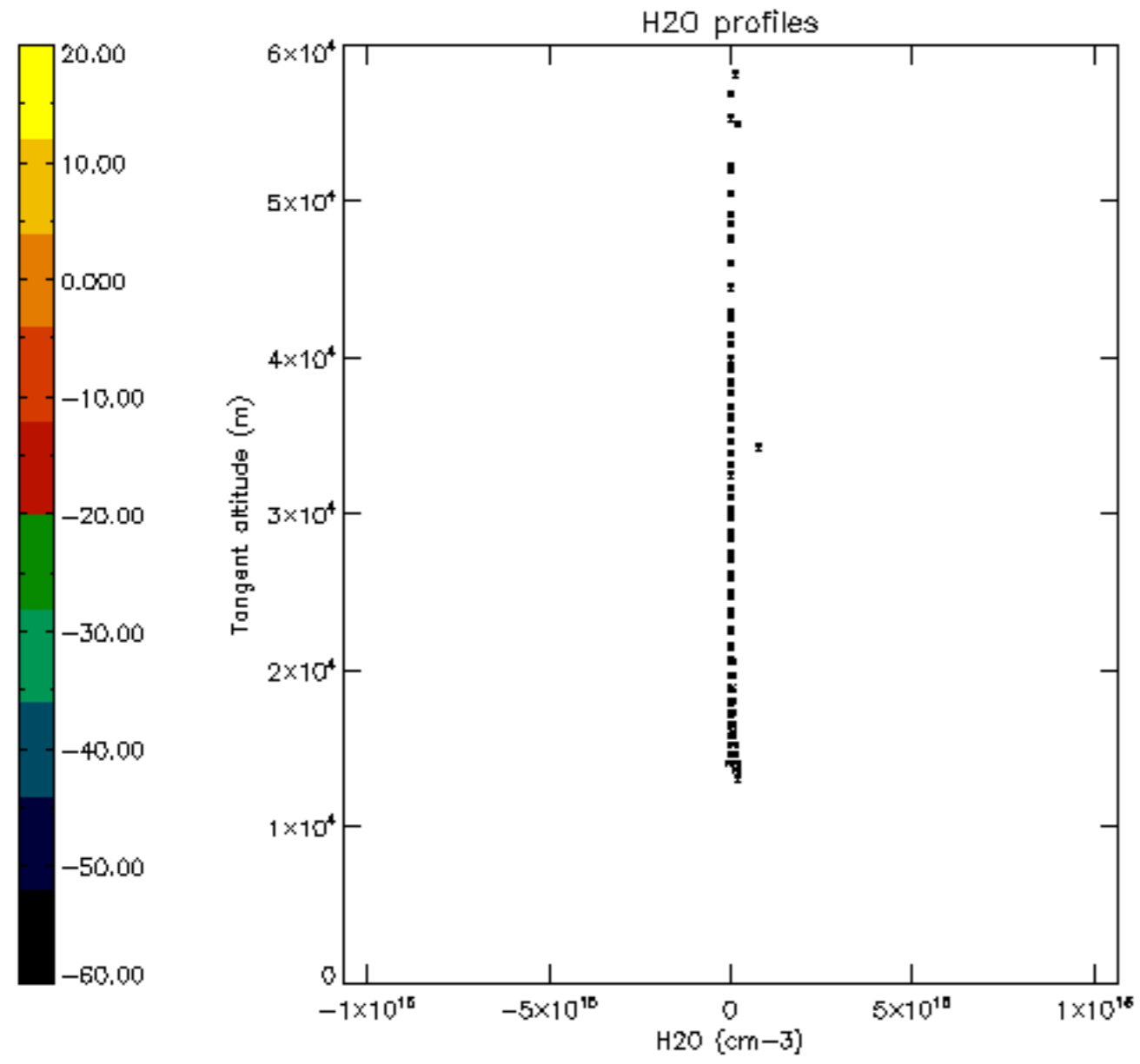


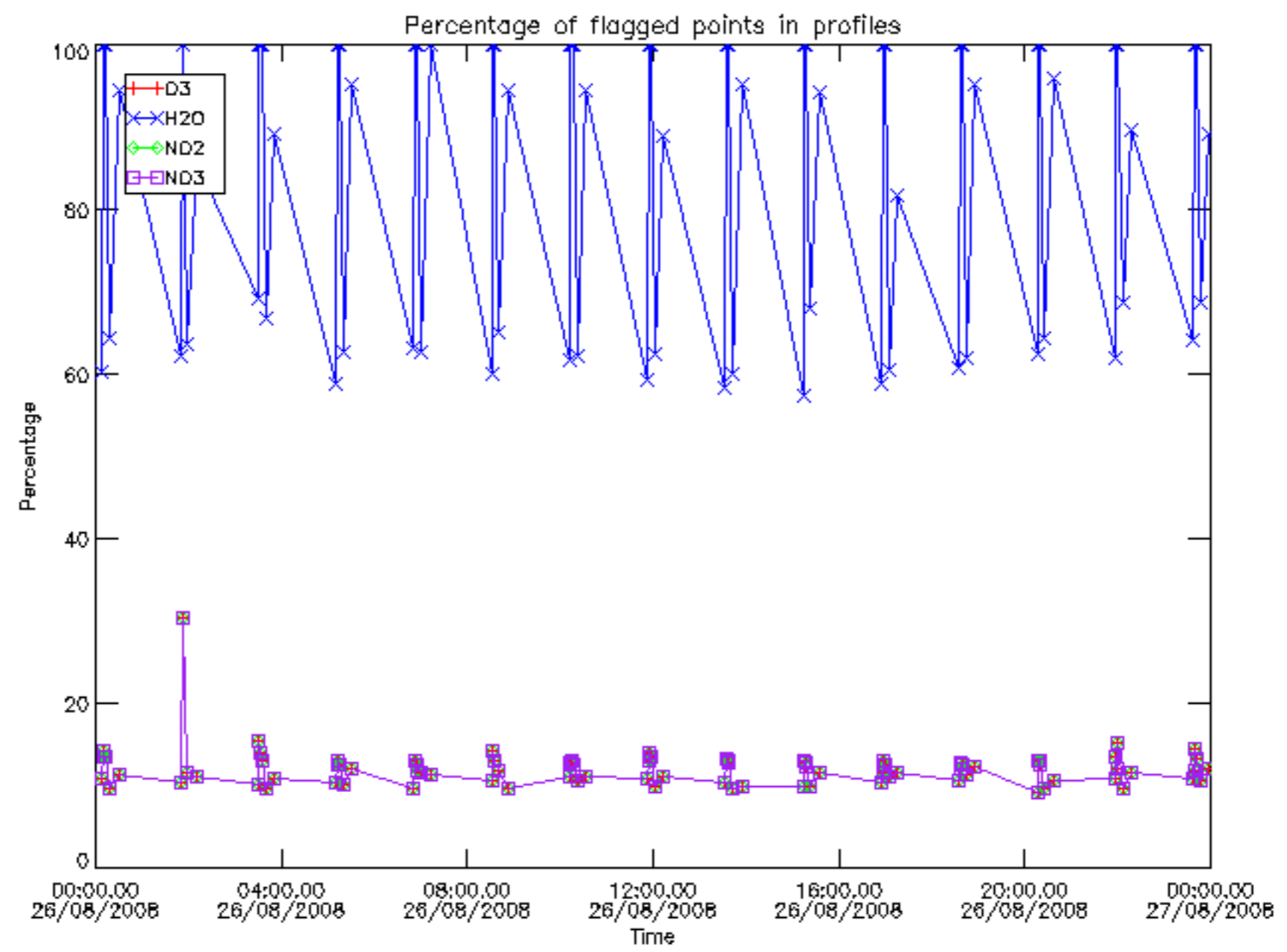




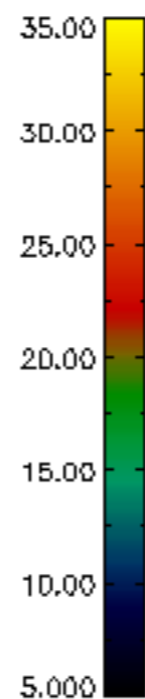
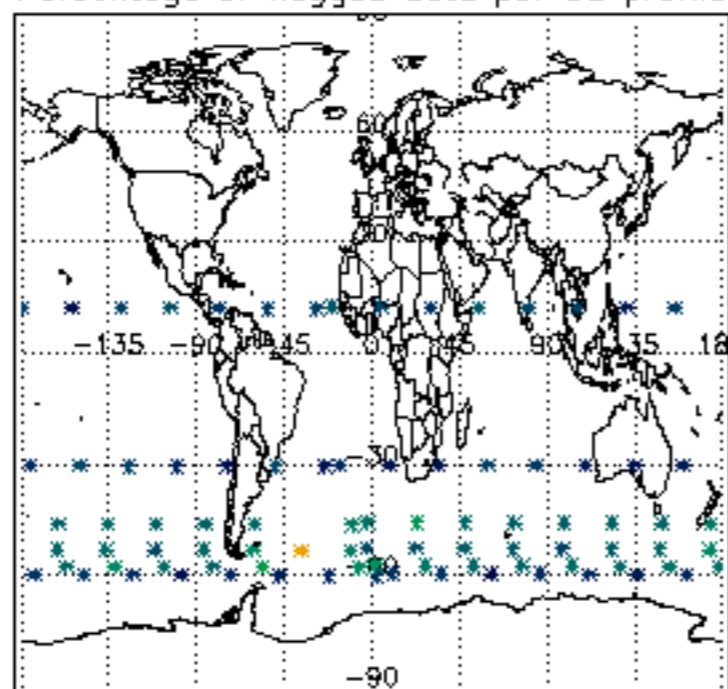




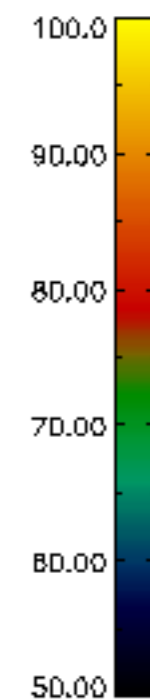
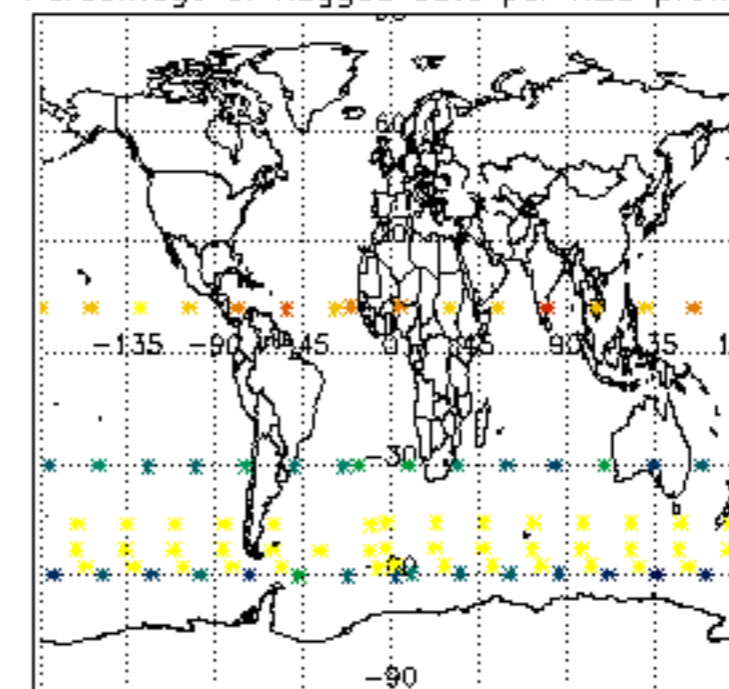




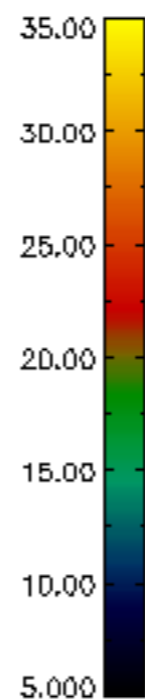
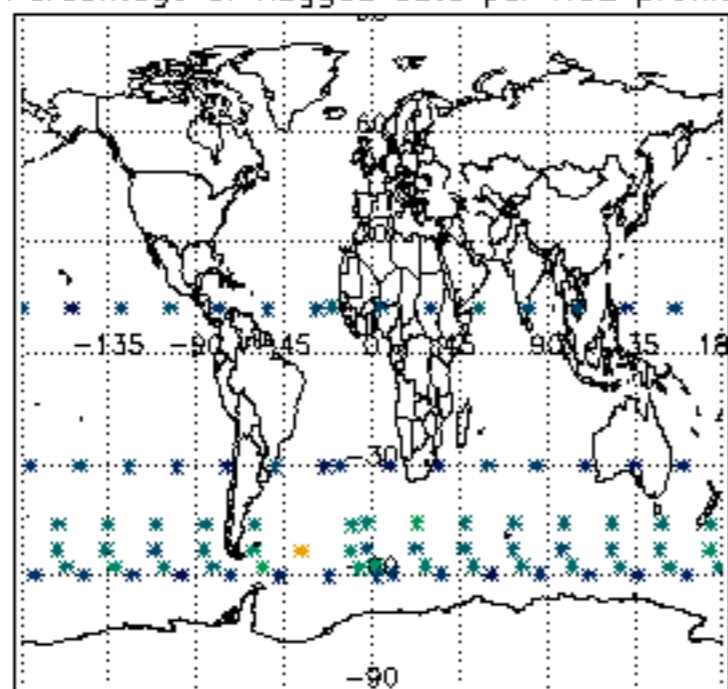
Percentage of flagged data per D3 profile



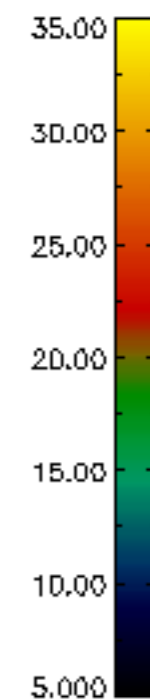
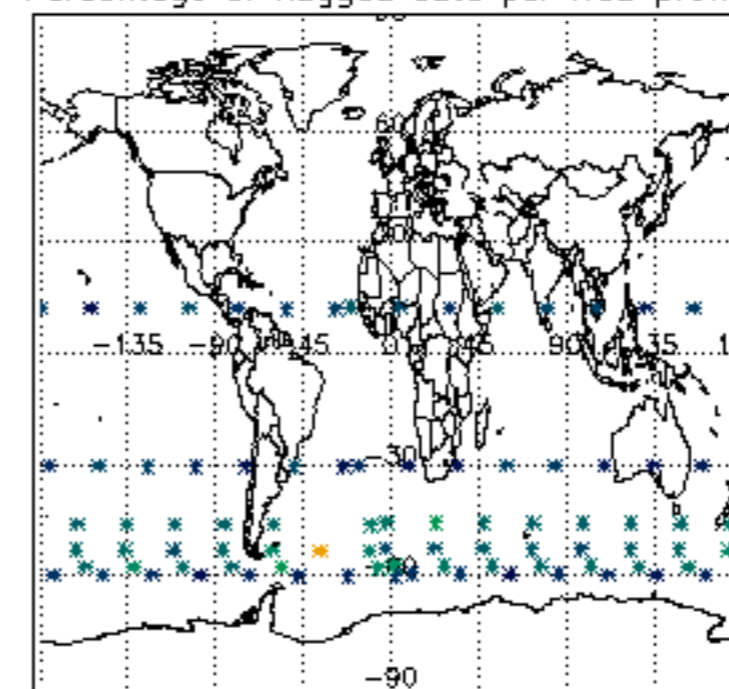
Percentage of flagged data per H2O profile

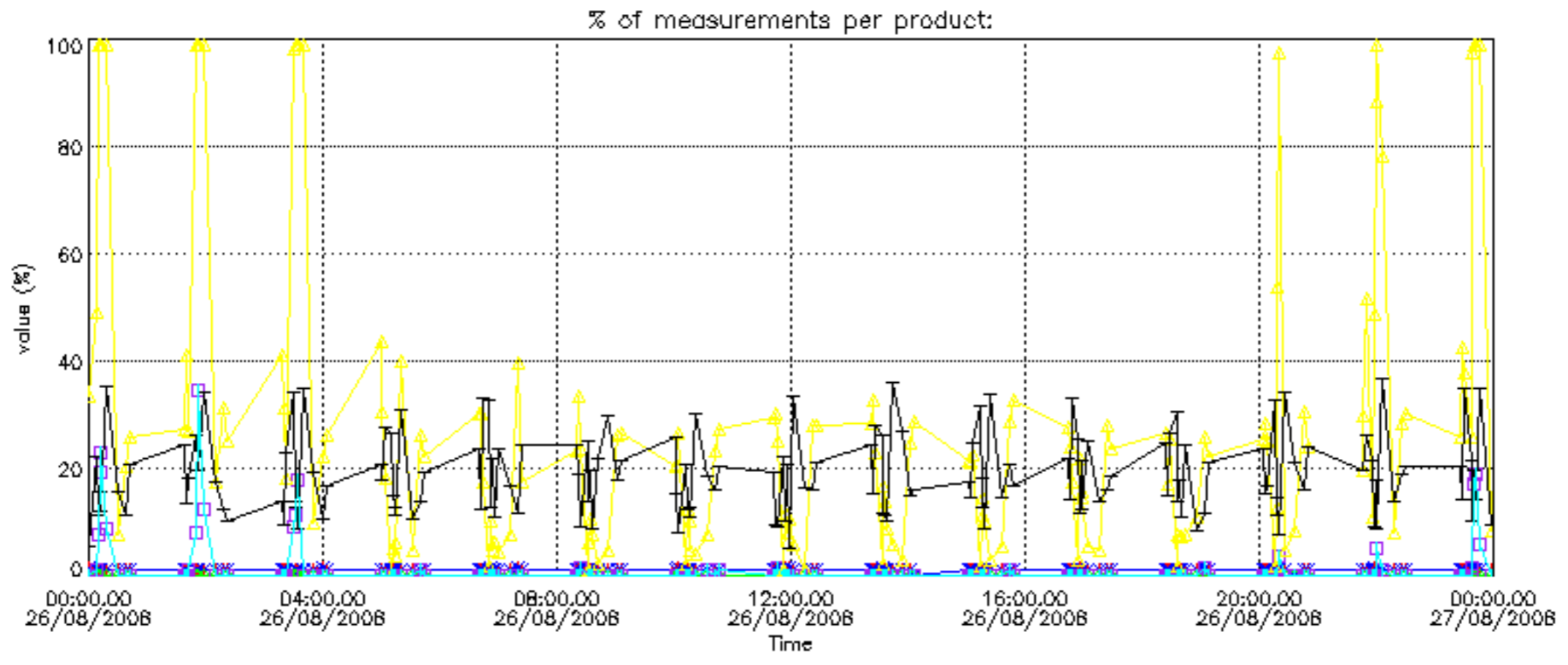
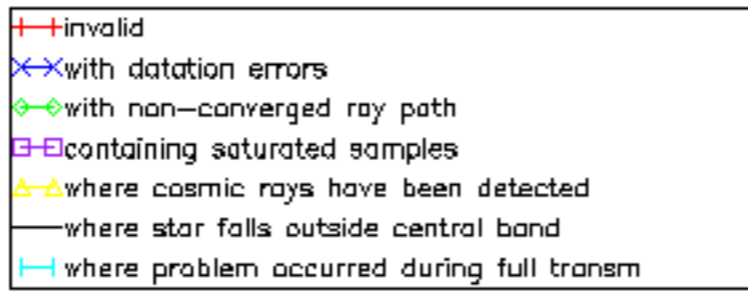


Percentage of flagged data per NO2 profile

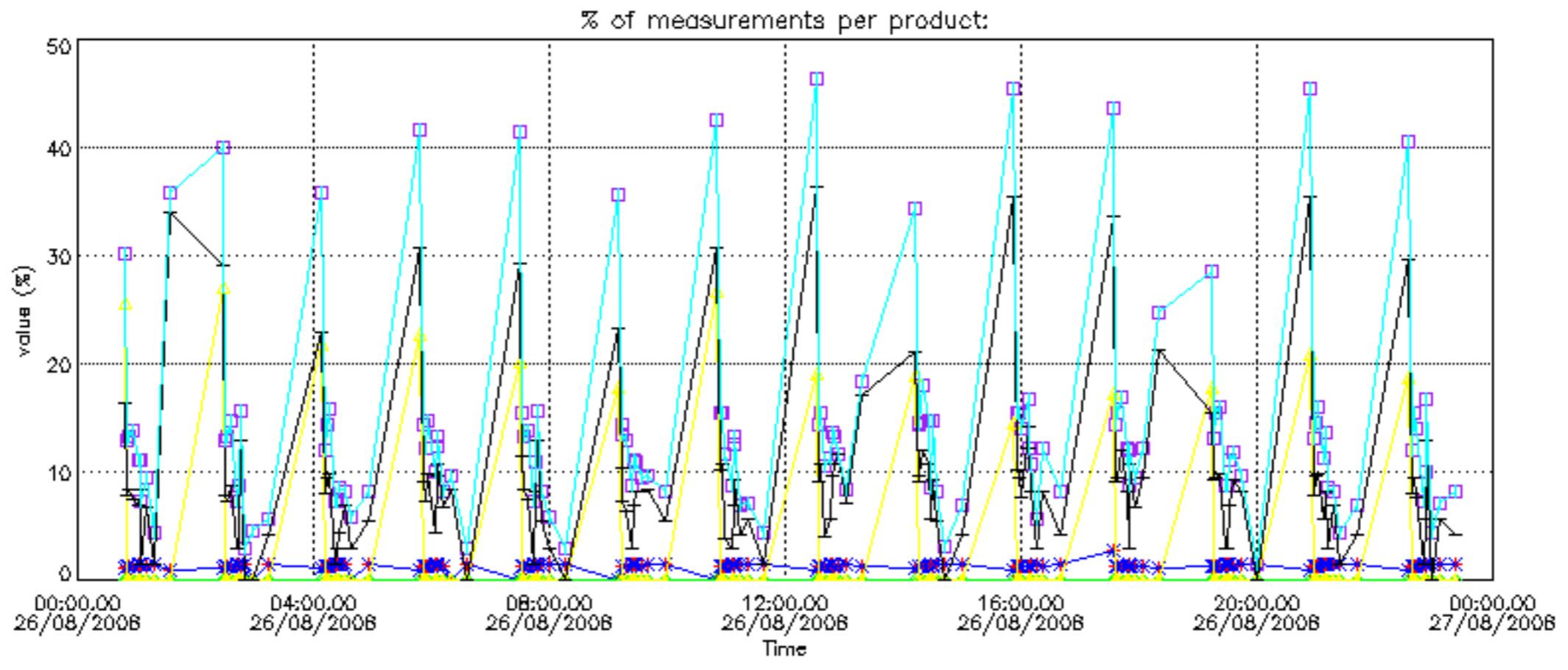


Percentage of flagged data per NO3 profile

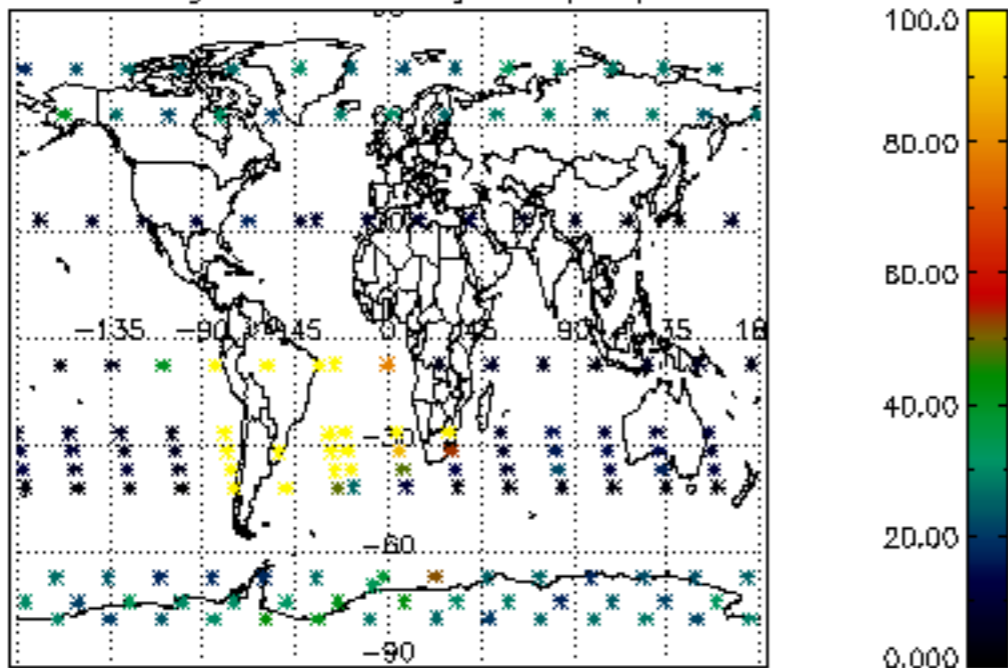




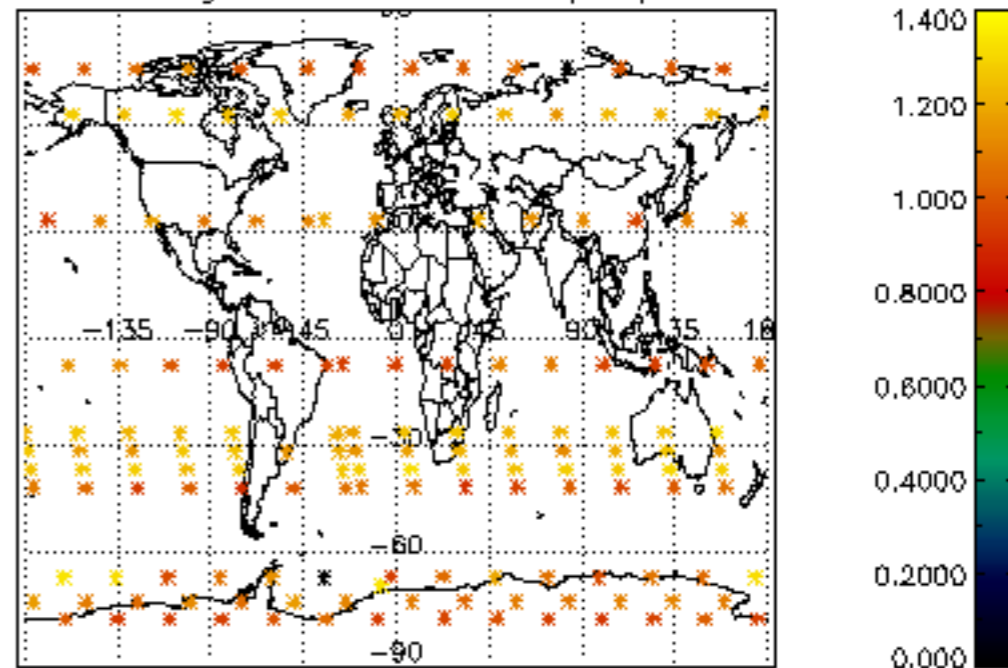




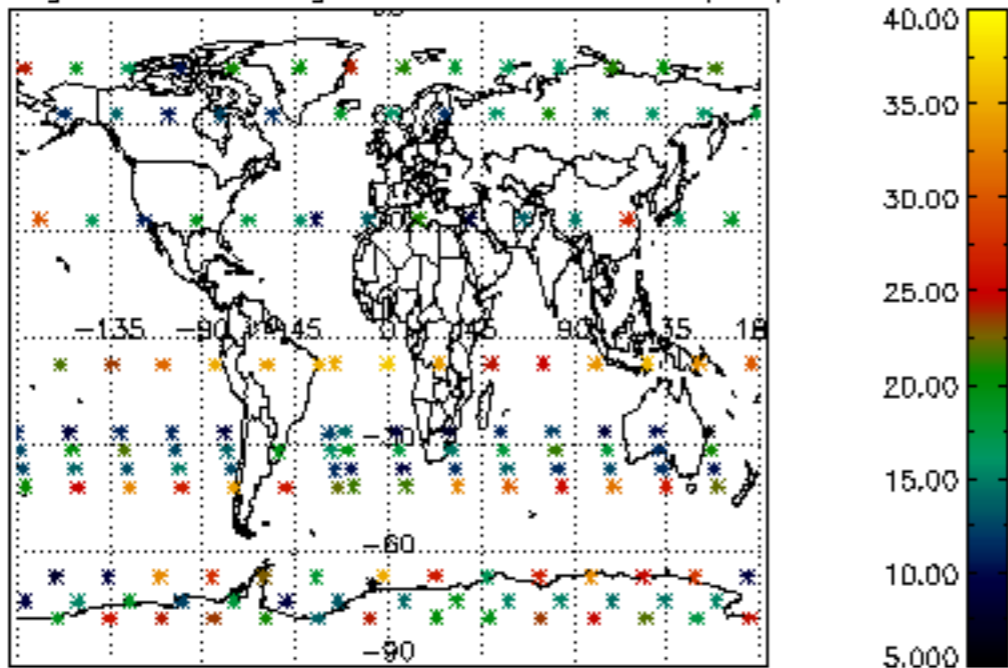
Percentage of cosmic ray hits per profile



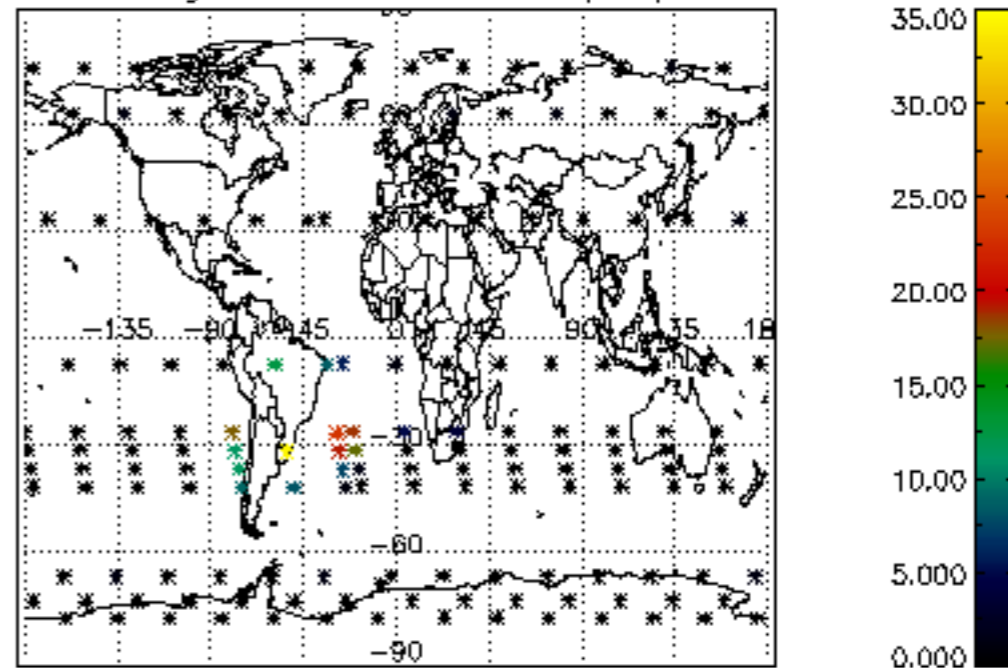
Percentage of datation errors per profile



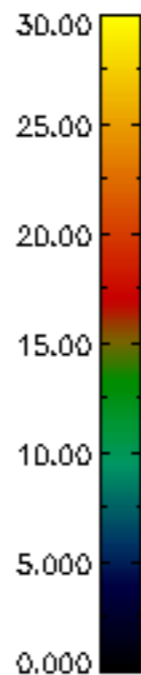
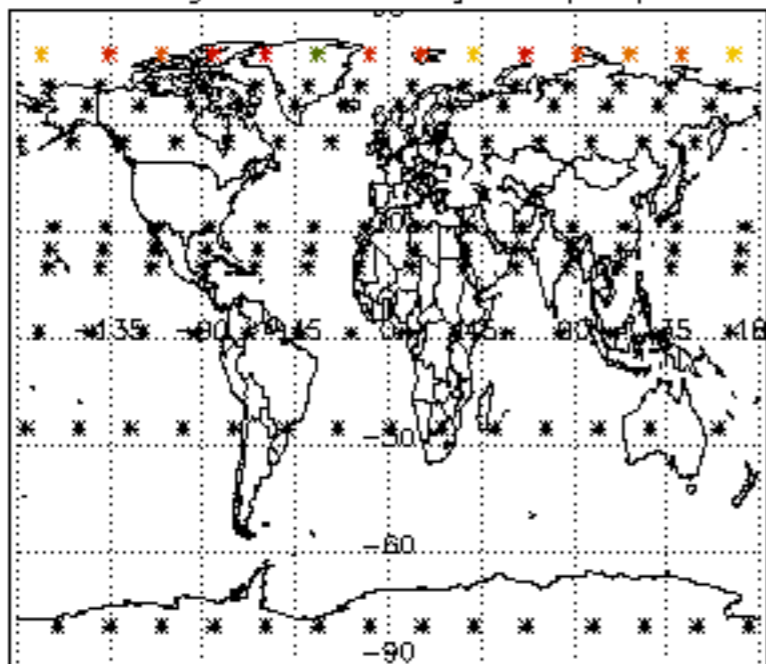
Percentage of star falling outside central band per profile



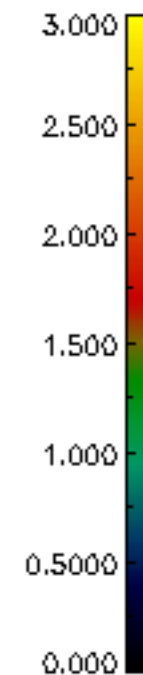
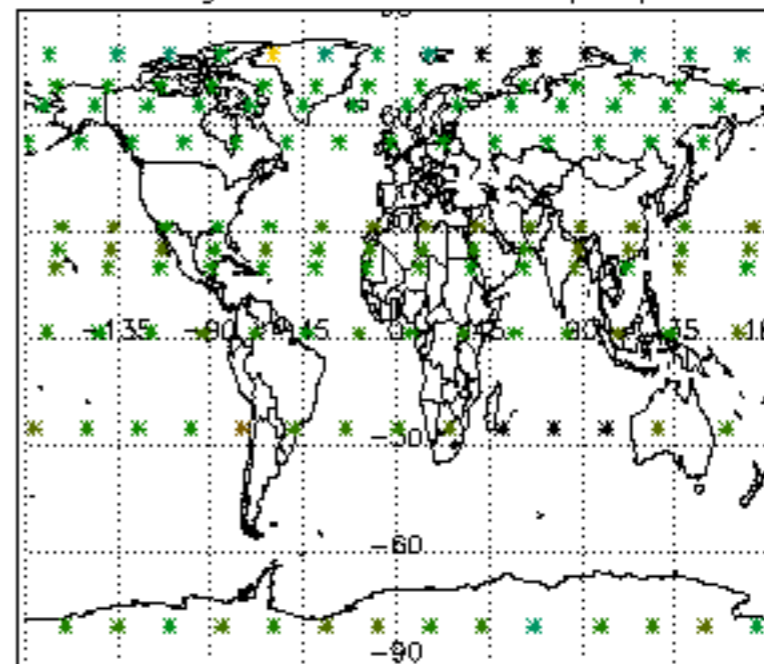
Percentage of saturation errors per profile



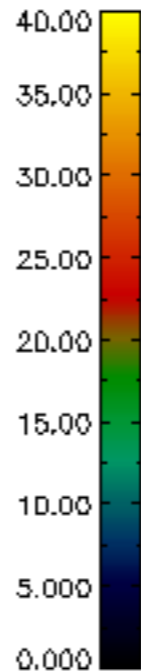
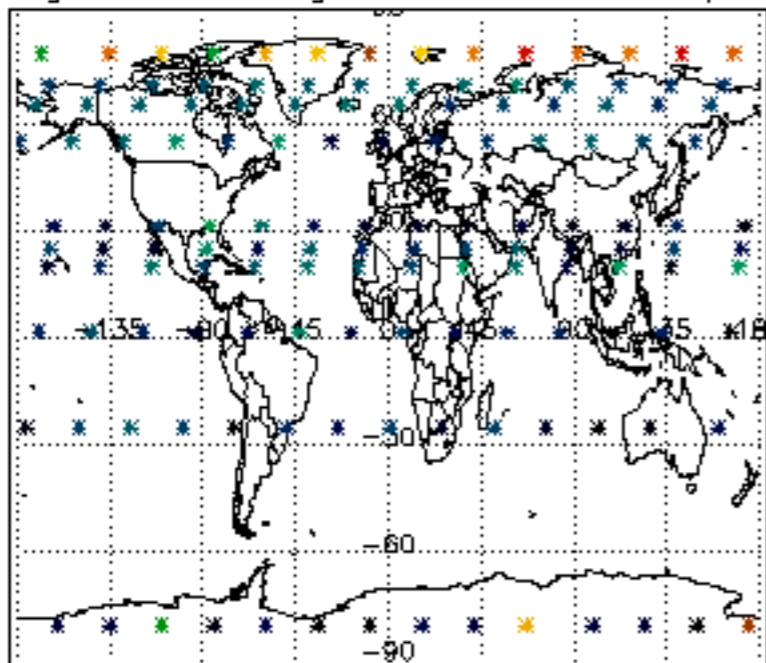
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

