

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	23APR2013 01:46:34
Data source version	GOMOS/6.01
Start time of products	24-08-2007 (24AUG2007 00:00:00)
Stop time of products	25-08-2007 (25AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20070824_000328_000000432061_00045_28656_0030.N1	24-AUG-2007 00:03:28	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28656	No
2	GOM_NL__2PRFIN20070824_000622_000000392061_00045_28656_0031.N1	24-AUG-2007 00:06:22	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28656	No
3	GOM_NL__2PRFIN20070824_001241_000000452061_00045_28656_0032.N1	24-AUG-2007 00:12:41	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	28656	No
4	GOM_NL__2PRFIN20070824_001558_000000402061_00045_28656_0033.N1	24-AUG-2007 00:15:58	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	28656	No
5	GOM_NL__2PRFIN20070824_002726_000000382061_00045_28656_0034.N1	24-AUG-2007 00:27:26	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28656	No
6	GOM_NL__2PRFIN20070824_002910_000000372061_00045_28656_0035.N1	24-AUG-2007 00:29:10	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28656	No
7	GOM_NL__2PRFIN20070824_003038_000000392061_00045_28656_0036.N1	24-AUG-2007 00:30:38	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	28656	No
8	GOM_NL__2PRFIN20070824_003550_000000362061_00045_28656_0037.N1	24-AUG-2007 00:35:50	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28656	No
9	GOM_NL__2PRFIN20070824_004314_000000362061_00045_28656_0038.N1	24-AUG-2007 00:43:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28656	No
10	GOM_NL__2PRFIN20070824_005952_000000352061_00045_28656_0039.N1	24-AUG-2007 00:59:52	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	28656	No
11	GOM_NL__2PRFIN20070824_010639_000000392061_00045_28656_0040.N1	24-AUG-2007 01:06:39	Twilight	38.500	153	3Bet CMi	2.8940	13100.	77	28656	No
12	GOM_NL__2PRFIN20070824_011428_000000482061_00045_28656_0041.N1	24-AUG-2007 01:14:28	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28656	No
13	GOM_NL__2PRFIN20070824_011556_000000382061_00045_28656_0042.N1	24-AUG-2007 01:15:56	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28656	No
14	GOM_NL__2PRFIN20070824_011724_000000412061_00045_28656_0043.N1	24-AUG-2007 01:17:24	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	28656	No
15	GOM_NL__2PRFIN20070824_011913_000000422061_00045_28656_0044.N1	24-AUG-2007 01:19:13	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28656	No
16	GOM_NL__2PRFIN20070824_012414_000000432061_00045_28656_0045.N1	24-AUG-2007 01:24:14	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	28656	No
17	GOM_NL__2PRFIN20070824_013521_000000552061_00046_28657_0048.N1	24-AUG-2007 01:35:21	Dark	55.000	9	Alp Eri	0.45300	24000.	110	28657	No
18	GOM_NL__2PRFIN20070824_014027_000000402061_00046_28657_0049.N1	24-AUG-2007 01:40:27	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28657	No
19	GOM_NL__2PRFIN20070824_014404_000000422061_00046_28657_0050.N1	24-AUG-2007 01:44:04	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28657	No
20	GOM_NL__2PRFIN20070824_014658_000000372061_00046_28657_0051.N1	24-AUG-2007 01:46:58	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	28657	No
21	GOM_NL__2PRFIN20070824_015317_000000462061_00046_28657_0052.N1	24-AUG-2007 01:53:17	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	28657	No
22	GOM_NL__2PRFIN20070824_015634_000000402061_00046_28657_0053.N1	24-AUG-2007 01:56:34	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28657	No
23	GOM_NL__2PRFIN20070824_020802_000000362061_00046_28657_0054.N1	24-AUG-2007 02:08:02	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	28657	No
24	GOM_NL__2PRFIN20070824_020946_000000352061_00046_28657_0055.N1	24-AUG-2007 02:09:46	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28657	No
25	GOM_NL__2PRFIN20070824_021114_000000372061_00046_28657_0056.N1	24-AUG-2007 02:11:14	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28657	No
26	GOM_NL__2PRFIN20070824_021626_000000362061_00046_28657_0057.N1	24-AUG-2007 02:16:26	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28657	No
27	GOM_NL__2PRFIN20070824_022350_000000332061_00046_28657_0058.N1	24-AUG-2007 02:23:50	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28657	No
28	GOM_NL__2PRFIN20070824_024028_000000362061_00046_28657_0059.N1	24-AUG-2007 02:40:28	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28657	No
29	GOM_NL__2PRFIN20070824_024715_000000372061_00046_28657_0060.N1	24-AUG-2007 02:47:15	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	28657	No
30	GOM_NL__2PRFIN20070824_025504_000000472061_00046_28657_0061.N1	24-AUG-2007 02:55:04	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28657	No
31	GOM_NL__2PRFIN20070824_025632_000000392061_00046_28657_0062.N1	24-AUG-2007 02:56:32	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28657	No
32	GOM_NL__2PRFIN20070824_025800_000000432061_00046_28657_0063.N1	24-AUG-2007 02:58:00	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28657	No
33	GOM_NL__2PRFIN20070824_025949_000000412061_00046_28657_0064.N1	24-AUG-2007 02:59:49	Dark	40.500	117	Pi Pup	2.7060	3800.0	81	28657	No
34	GOM_NL__2PRFIN20070824_030450_000000492061_00046_28657_0065.N1	24-AUG-2007 03:04:50	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	28657	No
35	GOM_NL__2PRFIN20070824_031558_000000462061_00047_28658_0061.N1	24-AUG-2007 03:15:58	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28658	No
36	GOM_NL__2PRFIN20070824_032104_000000412061_00047_28658_0062.N1	24-AUG-2007 03:21:04	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28658	No
37	GOM_NL__2PRFIN20070824_032441_000000402061_00047_28658_0063.N1	24-AUG-2007 03:24:41	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28658	No
38	GOM_NL__2PRFIN20070824_032734_000000402061_00047_28658_0064.N1	24-AUG-2007 03:27:34	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28658	No
39	GOM_NL__2PRFIN20070824_033353_000000442061_00047_28658_0065.N1	24-AUG-2007 03:33:53	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28658	No
40	GOM_NL__2PRFIN20070824_033709_000000392061_00047_28658_0066.N1	24-AUG-2007 03:37:09	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28658	No
41	GOM_NL__2PRFIN20070824_034837_000000382061_00047_28658_0067.N1	24-AUG-2007 03:48:37	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28658	No
42	GOM_NL__2PRFIN20070824_035022_000000372061_00047_28658_0068.N1	24-AUG-2007 03:50:22	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28658	No

43	GOM_NL__2PRFIN20070824_035149_000000382061_00047_28658_0069.N1	24-AUG-2007 03:51:49	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28658	No
44	GOM_NL__2PRFIN20070824_035701_000000362061_00047_28658_0070.N1	24-AUG-2007 03:57:01	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28658	No
45	GOM_NL__2PRFIN20070824_040426_000000362061_00047_28658_0071.N1	24-AUG-2007 04:04:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28658	No
46	GOM_NL__2PRFIN20070824_042105_000000372061_00047_28658_0072.N1	24-AUG-2007 04:21:05	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	28658	No
47	GOM_NL__2PRFIN20070824_042751_000000382061_00047_28658_0073.N1	24-AUG-2007 04:27:51	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28658	No
48	GOM_NL__2PRFIN20070824_043540_000000442061_00047_28658_0074.N1	24-AUG-2007 04:35:40	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28658	No
49	GOM_NL__2PRFIN20070824_043709_000000372061_00047_28658_0075.N1	24-AUG-2007 04:37:09	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	28658	No
50	GOM_NL__2PRFIN20070824_043837_000000422061_00047_28658_0076.N1	24-AUG-2007 04:38:37	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28658	No
51	GOM_NL__2PRFIN20070824_044025_000000412061_00047_28658_0077.N1	24-AUG-2007 04:40:25	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28658	No
52	GOM_NL__2PRFIN20070824_044526_000000522061_00047_28658_0078.N1	24-AUG-2007 04:45:26	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28658	No
53	GOM_NL__2PRFIN20070824_045634_000000452061_00048_28659_0095.N1	24-AUG-2007 04:56:34	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28659	No
54	GOM_NL__2PRFIN20070824_050140_000000402061_00048_28659_0096.N1	24-AUG-2007 05:01:40	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28659	No
55	GOM_NL__2PRFIN20070824_050517_000000402061_00048_28659_0097.N1	24-AUG-2007 05:05:17	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28659	No
56	GOM_NL__2PRFIN20070824_050811_000000382061_00048_28659_0098.N1	24-AUG-2007 05:08:11	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28659	No
57	GOM_NL__2PRFIN20070824_051430_000000432061_00048_28659_0099.N1	24-AUG-2007 05:14:30	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	28659	No
58	GOM_NL__2PRFIN20070824_051746_000000402061_00048_28659_0100.N1	24-AUG-2007 05:17:46	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28659	No
59	GOM_NL__2PRFIN20070824_052913_000000362061_00048_28659_0101.N1	24-AUG-2007 05:29:13	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28659	No
60	GOM_NL__2PRFIN20070824_053058_000000372061_00048_28659_0102.N1	24-AUG-2007 05:30:58	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28659	No
61	GOM_NL__2PRFIN20070824_053225_000000382061_00048_28659_0103.N1	24-AUG-2007 05:32:25	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28659	No
62	GOM_NL__2PRFIN20070824_053737_000000372061_00048_28659_0104.N1	24-AUG-2007 05:37:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28659	No
63	GOM_NL__2PRFIN20070824_054502_000000362061_00048_28659_0105.N1	24-AUG-2007 05:45:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28659	No
64	GOM_NL__2PRFIN20070824_060141_000000532061_00048_28659_0106.N1	24-AUG-2007 06:01:41	Bright	53.000	24	66Alp Gem	1.5800	10200.	106	28659	No
65	GOM_NL__2PRFIN20070824_060827_000000382061_00048_28659_0107.N1	24-AUG-2007 06:08:27	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28659	No
66	GOM_NL__2PRFIN20070824_061617_000000462061_00048_28659_0108.N1	24-AUG-2007 06:16:17	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	28659	No
67	GOM_NL__2PRFIN20070824_061745_000000402061_00048_28659_0109.N1	24-AUG-2007 06:17:45	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28659	No
68	GOM_NL__2PRFIN20070824_061913_000000422061_00048_28659_0110.N1	24-AUG-2007 06:19:13	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28659	No
69	GOM_NL__2PRFIN20070824_062101_000000412061_00048_28659_0111.N1	24-AUG-2007 06:21:01	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28659	No
70	GOM_NL__2PRFIN20070824_062603_000000402061_00048_28659_0112.N1	24-AUG-2007 06:26:03	Dark	40.000	2	Alp Car	-0.73600	7000.0	80	28659	No
71	GOM_NL__2PRFIN20070824_063711_000000502061_00049_28660_0108.N1	24-AUG-2007 06:37:11	Dark	49.500	9	Alp Eri	0.45300	24000.	99	28660	No
72	GOM_NL__2PRFIN20070824_064216_000000402061_00049_28660_0109.N1	24-AUG-2007 06:42:16	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28660	No
73	GOM_NL__2PRFIN20070824_064553_000000412061_00049_28660_0110.N1	24-AUG-2007 06:45:53	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28660	No
74	GOM_NL__2PRFIN20070824_064847_000000402061_00049_28660_0111.N1	24-AUG-2007 06:48:47	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28660	No
75	GOM_NL__2PRFIN20070824_065506_000000442061_00049_28660_0112.N1	24-AUG-2007 06:55:06	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28660	No
76	GOM_NL__2PRFIN20070824_065821_000000402061_00049_28660_0113.N1	24-AUG-2007 06:58:21	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28660	No
77	GOM_NL__2PRFIN20070824_070949_000000382061_00049_28660_0114.N1	24-AUG-2007 07:09:49	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28660	No
78	GOM_NL__2PRFIN20070824_071134_000000372061_00049_28660_0115.N1	24-AUG-2007 07:11:34	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28660	No
79	GOM_NL__2PRFIN20070824_071301_000000372061_00049_28660_0116.N1	24-AUG-2007 07:13:01	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28660	No
80	GOM_NL__2PRFIN20070824_071813_000000382061_00049_28660_0117.N1	24-AUG-2007 07:18:13	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28660	No
81	GOM_NL__2PRFIN20070824_072538_000000362061_00049_28660_0118.N1	24-AUG-2007 07:25:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28660	No
82	GOM_NL__2PRFIN20070824_074217_000000352061_00049_28660_0119.N1	24-AUG-2007 07:42:17	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28660	No
83	GOM_NL__2PRFIN20070824_074904_000000372061_00049_28660_0120.N1	24-AUG-2007 07:49:04	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	28660	No
84	GOM_NL__2PRFIN20070824_075653_000000502061_00049_28660_0121.N1	24-AUG-2007 07:56:53	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28660	No
85	GOM_NL__2PRFIN20070824_075822_000000392061_00049_28660_0122.N1	24-AUG-2007 07:58:22	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28660	No
86	GOM_NL__2PRFIN20070824_075949_000000392061_00049_28660_0123.N1	24-AUG-2007 07:59:49	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	28660	No
87	GOM_NL__2PRFIN20070824_080137_000000432061_00049_28660_0124.N1	24-AUG-2007 08:01:37	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28660	No
88	GOM_NL__2PRFIN20070824_080639_000000432061_00049_28660_0125.N1	24-AUG-2007 08:06:39	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	28660	No
89	GOM_NL__2PRFIN20070824_081748_000000542061_00050_28661_0117.N1	24-AUG-2007 08:17:48	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28661	No
90	GOM_NL__2PRFIN20070824_082252_000000472061_00050_28661_0118.N1	24-AUG-2007 08:22:52	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	28661	No
91	GOM_NL__2PRFIN20070824_082629_000000392061_00050_28661_0119.N1	24-AUG-2007 08:26:29	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28661	No
92	GOM_NL__2PRFIN20070824_082923_000000392061_00050_28661_0120.N1	24-AUG-2007 08:29:23	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28661	No
93	GOM_NL__2PRFIN20070824_083542_000000482061_00050_28661_0121.N1	24-AUG-2007 08:35:42	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	28661	No
94	GOM_NL__2PRFIN20070824_083858_000000392061_00050_28661_0122.N1	24-AUG-2007 08:38:58	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28661	No
95	GOM_NL__2PRFIN20070824_085025_000000352061_00050_28661_0123.N1	24-AUG-2007 08:50:25	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28661	No
96	GOM_NL__2PRFIN20070824_085210_000000372061_00050_28661_0124.N1	24-AUG-2007 08:52:10	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28661	No
97	GOM_NL__2PRFIN20070824_085337_000000382061_00050_28661_0125.N1	24-AUG-2007 08:53:37	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28661	No
98	GOM_NL__2PRFIN20070824_085849_000000382061_00050_28661_0126.N1	24-AUG-2007 08:58:49	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28661	No
99	GOM_NL__2PRFIN20070824_090613_000000342061_00050_28661_0127.N1	24-AUG-2007 09:06:13	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28661	No
100	GOM_NL__2PRFIN20070824_092253_000000352061_00050_28661_0128.N1	24-AUG-2007 09:22:53	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	28661	No
101	GOM_NL__2PRFIN20070824_092940_000000382061_00050_28661_0129.N1	24-AUG-2007 09:29:40	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28661	No

102	GOM_NL__2PRFIN20070824_093730_000000492061_00050_28661_0130.N1	24-AUG-2007 09:37:30	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28661	No
103	GOM_NL__2PRFIN20070824_093858_000000392061_00050_28661_0131.N1	24-AUG-2007 09:38:58	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28661	No
104	GOM_NL__2PRFIN20070824_094026_000000422061_00050_28661_0132.N1	24-AUG-2007 09:40:26	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28661	No
105	GOM_NL__2PRFIN20070824_094214_000000442061_00050_28661_0133.N1	24-AUG-2007 09:42:14	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	28661	No
106	GOM_NL__2PRFIN20070824_094715_000000482061_00050_28661_0134.N1	24-AUG-2007 09:47:15	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	28661	No
107	GOM_NL__2PRFIN20070824_095824_000000512061_00051_28662_0138.N1	24-AUG-2007 09:58:24	Dark	51.000	9	Alp Eri	0.45300	24000.	102	28662	No
108	GOM_NL__2PRFIN20070824_100329_000000422061_00051_28662_0139.N1	24-AUG-2007 10:03:29	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28662	No
109	GOM_NL__2PRFIN20070824_100706_000000402061_00051_28662_0140.N1	24-AUG-2007 10:07:06	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28662	No
110	GOM_NL__2PRFIN20070824_100959_000000382061_00051_28662_0141.N1	24-AUG-2007 10:09:59	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28662	No
111	GOM_NL__2PRFIN20070824_101618_000000412061_00051_28662_0142.N1	24-AUG-2007 10:16:18	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	28662	No
112	GOM_NL__2PRFIN20070824_101933_000000392061_00051_28662_0143.N1	24-AUG-2007 10:19:33	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28662	No
113	GOM_NL__2PRFIN20070824_103101_000000362061_00051_28662_0144.N1	24-AUG-2007 10:31:01	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28662	No
114	GOM_NL__2PRFIN20070824_103245_000000372061_00051_28662_0145.N1	24-AUG-2007 10:32:45	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28662	No
115	GOM_NL__2PRFIN20070824_103413_000000372061_00051_28662_0146.N1	24-AUG-2007 10:34:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28662	No
116	GOM_NL__2PRFIN20070824_103924_000000372061_00051_28662_0147.N1	24-AUG-2007 10:39:24	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28662	No
117	GOM_NL__2PRFIN20070824_104649_000000372061_00051_28662_0148.N1	24-AUG-2007 10:46:49	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28662	No
118	GOM_NL__2PRFIN20070824_110329_000000342061_00051_28662_0149.N1	24-AUG-2007 11:03:29	Bright	33.500	24	66Alp Gem	1.5800	10200.	67	28662	No
119	GOM_NL__2PRFIN20070824_111016_000000362061_00051_28662_0150.N1	24-AUG-2007 11:10:16	Twilight	35.500	153	3Bet CMi	2.8940	13100.	71	28662	No
120	GOM_NL__2PRFIN20070824_111806_000000492061_00051_28662_0151.N1	24-AUG-2007 11:18:06	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28662	No
121	GOM_NL__2PRFIN20070824_111934_000000382061_00051_28662_0152.N1	24-AUG-2007 11:19:34	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28662	No
122	GOM_NL__2PRFIN20070824_112102_000000402061_00051_28662_0153.N1	24-AUG-2007 11:21:02	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28662	No
123	GOM_NL__2PRFIN20070824_112250_000000422061_00051_28662_0154.N1	24-AUG-2007 11:22:50	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28662	No
124	GOM_NL__2PRFIN20070824_112751_000000442061_00051_28662_0155.N1	24-AUG-2007 11:27:51	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	28662	No
125	GOM_NL__2PRFIN20070824_113901_000000472061_00052_28663_0151.N1	24-AUG-2007 11:39:01	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28663	No
126	GOM_NL__2PRFIN20070824_114405_000000412061_00052_28663_0152.N1	24-AUG-2007 11:44:05	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28663	No
127	GOM_NL__2PRFIN20070824_114742_000000392061_00052_28663_0153.N1	24-AUG-2007 11:47:42	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28663	No
128	GOM_NL__2PRFIN20070824_115036_000000392061_00052_28663_0154.N1	24-AUG-2007 11:50:36	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	28663	No
129	GOM_NL__2PRFIN20070824_115654_000000462061_00052_28663_0155.N1	24-AUG-2007 11:56:54	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28663	No
130	GOM_NL__2PRFIN20070824_120009_000000392061_00052_28663_0156.N1	24-AUG-2007 12:00:09	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28663	No
131	GOM_NL__2PRFIN20070824_121137_000000382061_00052_28663_0157.N1	24-AUG-2007 12:11:37	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28663	No
132	GOM_NL__2PRFIN20070824_121321_000000352061_00052_28663_0158.N1	24-AUG-2007 12:13:21	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28663	No
133	GOM_NL__2PRFIN20070824_121449_000000362061_00052_28663_0159.N1	24-AUG-2007 12:14:49	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	28663	No
134	GOM_NL__2PRFIN20070824_122000_000000372061_00052_28663_0160.N1	24-AUG-2007 12:20:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28663	No
135	GOM_NL__2PRFIN20070824_122725_000000372061_00052_28663_0161.N1	24-AUG-2007 12:27:25	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28663	No
136	GOM_NL__2PRFIN20070824_124405_000000332061_00052_28663_0162.N1	24-AUG-2007 12:44:05	Bright	33.000	24	66Alp Gem	1.5800	10200.	66	28663	No
137	GOM_NL__2PRFIN20070824_125052_000000372061_00052_28663_0163.N1	24-AUG-2007 12:50:52	Twilight	36.500	153	3Bet CMi	2.8940	13100.	73	28663	No
138	GOM_NL__2PRFIN20070824_125842_000000452061_00052_28663_0164.N1	24-AUG-2007 12:58:42	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28663	No
139	GOM_NL__2PRFIN20070824_130010_000000402061_00052_28663_0165.N1	24-AUG-2007 13:00:10	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28663	No
140	GOM_NL__2PRFIN20070824_130138_000000392061_00052_28663_0166.N1	24-AUG-2007 13:01:38	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	28663	No
141	GOM_NL__2PRFIN20070824_130326_000000432061_00052_28663_0167.N1	24-AUG-2007 13:03:26	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28663	No
142	GOM_NL__2PRFIN20070824_130828_000000532061_00052_28663_0168.N1	24-AUG-2007 13:08:28	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28663	No
143	GOM_NL__2PRFIN20070824_131937_000000452061_00053_28664_0166.N1	24-AUG-2007 13:19:37	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28664	No
144	GOM_NL__2PRFIN20070824_132441_000000422061_00053_28664_0167.N1	24-AUG-2007 13:24:41	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28664	No
145	GOM_NL__2PRFIN20070824_132818_000000392061_00053_28664_0168.N1	24-AUG-2007 13:28:18	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28664	No
146	GOM_NL__2PRFIN20070824_133112_000000372061_00053_28664_0169.N1	24-AUG-2007 13:31:12	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	28664	No
147	GOM_NL__2PRFIN20070824_133730_000000472061_00053_28664_0170.N1	24-AUG-2007 13:37:30	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	28664	No
148	GOM_NL__2PRFIN20070824_134045_000000402061_00053_28664_0171.N1	24-AUG-2007 13:40:45	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28664	No
149	GOM_NL__2PRFIN20070824_135213_000000372061_00053_28664_0172.N1	24-AUG-2007 13:52:13	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28664	No
150	GOM_NL__2PRFIN20070824_135357_000000372061_00053_28664_0173.N1	24-AUG-2007 13:53:57	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28664	No
151	GOM_NL__2PRFIN20070824_135525_000000382061_00053_28664_0174.N1	24-AUG-2007 13:55:25	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28664	No
152	GOM_NL__2PRFIN20070824_140036_000000362061_00053_28664_0175.N1	24-AUG-2007 14:00:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28664	No
153	GOM_NL__2PRFIN20070824_142441_000000352061_00053_28664_0176.N1	24-AUG-2007 14:24:41	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28664	No
154	GOM_NL__2PRFIN20070824_143129_000000382061_00053_28664_0177.N1	24-AUG-2007 14:31:29	Twilight	37.500	153	3Bet CMi	2.8940	13100.	75	28664	No
155	GOM_NL__2PRFIN20070824_143919_000000532061_00053_28664_0178.N1	24-AUG-2007 14:39:19	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28664	No
156	GOM_NL__2PRFIN20070824_144047_000000392061_00053_28664_0179.N1	24-AUG-2007 14:40:47	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28664	No
157	GOM_NL__2PRFIN20070824_144215_000000422061_00053_28664_0180.N1	24-AUG-2007 14:42:15	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28664	No
158	GOM_NL__2PRFIN20070824_144402_000000422061_00053_28664_0181.N1	24-AUG-2007 14:44:02	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28664	No
159	GOM_NL__2PRFIN20070824_144904_000000462061_00053_28664_0182.N1	24-AUG-2007 14:49:04	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	28664	No
160	GOM_NL__2PRFIN20070824_150014_000000432061_00054_28665_0179.N1	24-AUG-2007 15:00:14	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28665	No

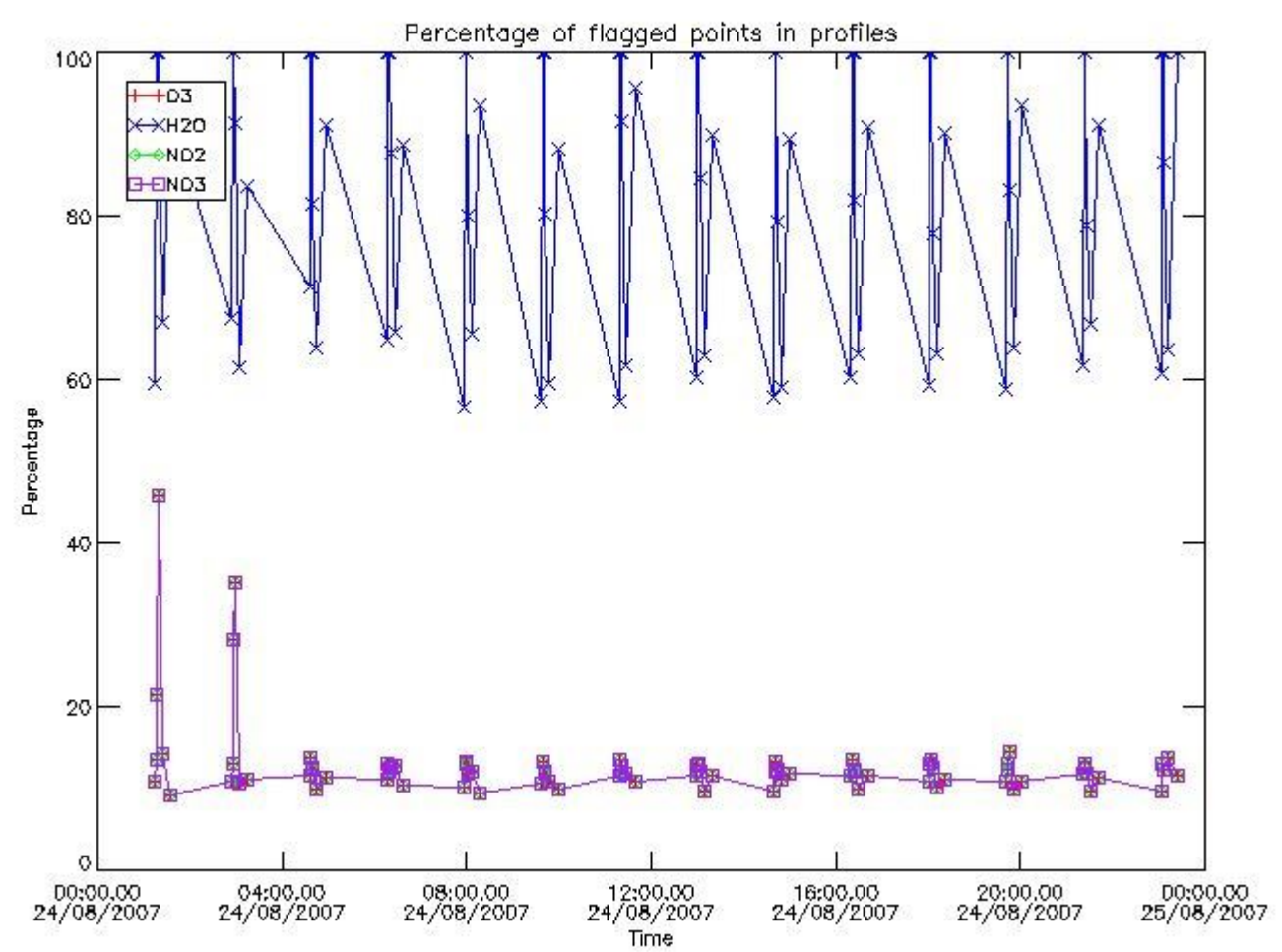
161	GOM_NL__2PRFIN20070824_150517_000000382061_00054_28665_0180.N1	24-AUG-2007 15:05:17	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28665	No
162	GOM_NL__2PRFIN20070824_150854_000000392061_00054_28665_0181.N1	24-AUG-2007 15:08:54	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28665	No
163	GOM_NL__2PRFIN20070824_151148_000000382061_00054_28665_0182.N1	24-AUG-2007 15:11:48	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28665	No
164	GOM_NL__2PRFIN20070824_151806_000000532061_00054_28665_0183.N1	24-AUG-2007 15:18:06	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	28665	No
165	GOM_NL__2PRFIN20070824_152121_000000402061_00054_28665_0184.N1	24-AUG-2007 15:21:21	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28665	No
166	GOM_NL__2PRFIN20070824_153249_000000372061_00054_28665_0185.N1	24-AUG-2007 15:32:49	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28665	No
167	GOM_NL__2PRFIN20070824_153433_000000352061_00054_28665_0186.N1	24-AUG-2007 15:34:33	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28665	No
168	GOM_NL__2PRFIN20070824_153600_000000352061_00054_28665_0187.N1	24-AUG-2007 15:36:00	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28665	No
169	GOM_NL__2PRFIN20070824_154112_000000382061_00054_28665_0188.N1	24-AUG-2007 15:41:12	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28665	No
170	GOM_NL__2PRFIN20070824_154837_000000362061_00054_28665_0189.N1	24-AUG-2007 15:48:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28665	No
171	GOM_NL__2PRFIN20070824_160517_000000352061_00054_28665_0190.N1	24-AUG-2007 16:05:17	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28665	No
172	GOM_NL__2PRFIN20070824_161205_000000392061_00054_28665_0191.N1	24-AUG-2007 16:12:05	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28665	No
173	GOM_NL__2PRFIN20070824_161955_000000452061_00054_28665_0192.N1	24-AUG-2007 16:19:55	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28665	No
174	GOM_NL__2PRFIN20070824_162123_000000382061_00054_28665_0193.N1	24-AUG-2007 16:21:23	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28665	No
175	GOM_NL__2PRFIN20070824_162251_000000422061_00054_28665_0194.N1	24-AUG-2007 16:22:51	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28665	No
176	GOM_NL__2PRFIN20070824_162438_000000422061_00054_28665_0195.N1	24-AUG-2007 16:24:38	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28665	No
177	GOM_NL__2PRFIN20070824_162940_000000522061_00054_28665_0196.N1	24-AUG-2007 16:29:40	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28665	No
178	GOM_NL__2PRFIN20070824_164051_000000452061_00055_28666_0197.N1	24-AUG-2007 16:40:51	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28666	No
179	GOM_NL__2PRFIN20070824_164553_000000392061_00055_28666_0198.N1	24-AUG-2007 16:45:53	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28666	No
180	GOM_NL__2PRFIN20070824_164931_000000392061_00055_28666_0199.N1	24-AUG-2007 16:49:31	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28666	No
181	GOM_NL__2PRFIN20070824_165224_000000382061_00055_28666_0200.N1	24-AUG-2007 16:52:24	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28666	No
182	GOM_NL__2PRFIN20070824_165842_000000462061_00055_28666_0201.N1	24-AUG-2007 16:58:42	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28666	No
183	GOM_NL__2PRFIN20070824_170157_000000402061_00055_28666_0202.N1	24-AUG-2007 17:01:57	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28666	No
184	GOM_NL__2PRFIN20070824_171324_000000382061_00055_28666_0203.N1	24-AUG-2007 17:13:24	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28666	No
185	GOM_NL__2PRFIN20070824_171509_000000352061_00055_28666_0204.N1	24-AUG-2007 17:15:09	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28666	No
186	GOM_NL__2PRFIN20070824_171636_000000382061_00055_28666_0205.N1	24-AUG-2007 17:16:36	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	28666	No
187	GOM_NL__2PRFIN20070824_172147_000000382061_00055_28666_0206.N1	24-AUG-2007 17:21:47	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28666	No
188	GOM_NL__2PRFIN20070824_172913_000000362061_00055_28666_0207.N1	24-AUG-2007 17:29:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28666	No
189	GOM_NL__2PRFIN20070824_174553_000000342061_00055_28666_0208.N1	24-AUG-2007 17:45:53	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	28666	No
190	GOM_NL__2PRFIN20070824_175241_000000392061_00055_28666_0209.N1	24-AUG-2007 17:52:41	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28666	No
191	GOM_NL__2PRFIN20070824_180031_000000472061_00055_28666_0210.N1	24-AUG-2007 18:00:31	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28666	No
192	GOM_NL__2PRFIN20070824_180159_000000402061_00055_28666_0211.N1	24-AUG-2007 18:01:59	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28666	No
193	GOM_NL__2PRFIN20070824_180327_000000382061_00055_28666_0212.N1	24-AUG-2007 18:03:27	Dark	37.500	23	21Eps CMa	1.5020	26000.	75	28666	No
194	GOM_NL__2PRFIN20070824_180515_000000412061_00055_28666_0213.N1	24-AUG-2007 18:05:15	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28666	No
195	GOM_NL__2PRFIN20070824_181017_000000512061_00055_28666_0214.N1	24-AUG-2007 18:10:17	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	28666	No
196	GOM_NL__2PRFIN20070824_182127_000000462061_00056_28667_0208.N1	24-AUG-2007 18:21:27	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28667	No
197	GOM_NL__2PRFIN20070824_182630_000000382061_00056_28667_0209.N1	24-AUG-2007 18:26:30	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	28667	No
198	GOM_NL__2PRFIN20070824_183007_000000402061_00056_28667_0210.N1	24-AUG-2007 18:30:07	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28667	No
199	GOM_NL__2PRFIN20070824_183300_000000392061_00056_28667_0211.N1	24-AUG-2007 18:33:00	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28667	No
200	GOM_NL__2PRFIN20070824_183918_000000472061_00056_28667_0212.N1	24-AUG-2007 18:39:18	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	28667	No
201	GOM_NL__2PRFIN20070824_184233_000000392061_00056_28667_0213.N1	24-AUG-2007 18:42:33	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28667	No
202	GOM_NL__2PRFIN20070824_185400_000000352061_00056_28667_0214.N1	24-AUG-2007 18:54:00	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28667	No
203	GOM_NL__2PRFIN20070824_185545_000000362061_00056_28667_0215.N1	24-AUG-2007 18:55:45	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	28667	No
204	GOM_NL__2PRFIN20070824_185712_000000382061_00056_28667_0216.N1	24-AUG-2007 18:57:12	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	28667	No
205	GOM_NL__2PRFIN20070824_190223_000000382061_00056_28667_0217.N1	24-AUG-2007 19:02:23	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28667	No
206	GOM_NL__2PRFIN20070824_190949_000000362061_00056_28667_0218.N1	24-AUG-2007 19:09:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28667	No
207	GOM_NL__2PRFIN20070824_192630_000000362061_00056_28667_0219.N1	24-AUG-2007 19:26:30	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28667	No
208	GOM_NL__2PRFIN20070824_193317_000000392061_00056_28667_0220.N1	24-AUG-2007 19:33:17	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28667	No
209	GOM_NL__2PRFIN20070824_194108_000000472061_00056_28667_0221.N1	24-AUG-2007 19:41:08	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28667	No
210	GOM_NL__2PRFIN20070824_194236_000000402061_00056_28667_0222.N1	24-AUG-2007 19:42:36	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28667	No
211	GOM_NL__2PRFIN20070824_194404_000000422061_00056_28667_0223.N1	24-AUG-2007 19:44:04	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28667	No
212	GOM_NL__2PRFIN20070824_194551_000000392061_00056_28667_0224.N1	24-AUG-2007 19:45:51	Dark	39.000	117	Pi Pup	2.7060	3800.0	78	28667	No
213	GOM_NL__2PRFIN20070824_195053_000000522061_00056_28667_0225.N1	24-AUG-2007 19:50:53	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28667	No
214	GOM_NL__2PRFIN20070824_200204_000000472061_00057_28668_0222.N1	24-AUG-2007 20:02:04	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28668	No
215	GOM_NL__2PRFIN20070824_200706_000000472061_00057_28668_0223.N1	24-AUG-2007 20:07:06	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	28668	No
216	GOM_NL__2PRFIN20070824_201043_000000392061_00057_28668_0224.N1	24-AUG-2007 20:10:43	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28668	No
217	GOM_NL__2PRFIN20070824_201337_000000402061_00057_28668_0225.N1	24-AUG-2007 20:13:37	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28668	No
218	GOM_NL__2PRFIN20070824_201954_000000482061_00057_28668_0226.N1	24-AUG-2007 20:19:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28668	No
219	GOM_NL__2PRFIN20070824_202309_000000402061_00057_28668_0227.N1	24-AUG-2007 20:23:09	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28668	No

220	GOM_NL__2PRFIN20070824_203436_000000372061_00057_28668_0228.N1	24-AUG-2007 20:34:36	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28668	No
221	GOM_NL__2PRFIN20070824_203621_000000342061_00057_28668_0229.N1	24-AUG-2007 20:36:21	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28668	No
222	GOM_NL__2PRFIN20070824_203748_000000372061_00057_28668_0230.N1	24-AUG-2007 20:37:48	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28668	No
223	GOM_NL__2PRFIN20070824_204259_000000372061_00057_28668_0231.N1	24-AUG-2007 20:42:59	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28668	No
224	GOM_NL__2PRFIN20070824_205025_000000372061_00057_28668_0232.N1	24-AUG-2007 20:50:25	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28668	No
225	GOM_NL__2PRFIN20070824_210706_000000352061_00057_28668_0233.N1	24-AUG-2007 21:07:06	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28668	No
226	GOM_NL__2PRFIN20070824_211353_000000392061_00057_28668_0234.N1	24-AUG-2007 21:13:53	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28668	No
227	GOM_NL__2PRFIN20070824_212144_000000442061_00057_28668_0235.N1	24-AUG-2007 21:21:44	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	28668	No
228	GOM_NL__2PRFIN20070824_212312_000000402061_00057_28668_0236.N1	24-AUG-2007 21:23:12	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28668	No
229	GOM_NL__2PRFIN20070824_212440_000000412061_00057_28668_0237.N1	24-AUG-2007 21:24:40	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	28668	No
230	GOM_NL__2PRFIN20070824_212627_000000432061_00057_28668_0238.N1	24-AUG-2007 21:26:27	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28668	No
231	GOM_NL__2PRFIN20070824_213129_000000532061_00057_28668_0239.N1	24-AUG-2007 21:31:29	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28668	No
232	GOM_NL__2PRFIN20070824_214240_000000452061_00058_28669_0256.N1	24-AUG-2007 21:42:40	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28669	No
233	GOM_NL__2PRFIN20070824_214742_000000382061_00058_28669_0257.N1	24-AUG-2007 21:47:42	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	28669	No
234	GOM_NL__2PRFIN20070824_215119_000000422061_00058_28669_0258.N1	24-AUG-2007 21:51:19	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28669	No
235	GOM_NL__2PRFIN20070824_215413_000000402061_00058_28669_0259.N1	24-AUG-2007 21:54:13	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28669	No
236	GOM_NL__2PRFIN20070824_220030_000000442061_00058_28669_0260.N1	24-AUG-2007 22:00:30	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	28669	No
237	GOM_NL__2PRFIN20070824_220345_000000402061_00058_28669_0261.N1	24-AUG-2007 22:03:45	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28669	No
238	GOM_NL__2PRFIN20070824_221512_000000352061_00058_28669_0262.N1	24-AUG-2007 22:15:12	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28669	No
239	GOM_NL__2PRFIN20070824_221657_000000332061_00058_28669_0263.N1	24-AUG-2007 22:16:57	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	28669	No
240	GOM_NL__2PRFIN20070824_221824_000000372061_00058_28669_0264.N1	24-AUG-2007 22:18:24	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28669	No
241	GOM_NL__2PRFIN20070824_222335_000000382061_00058_28669_0265.N1	24-AUG-2007 22:23:35	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28669	No
242	GOM_NL__2PRFIN20070824_223101_000000362061_00058_28669_0266.N1	24-AUG-2007 22:31:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28669	No
243	GOM_NL__2PRFIN20070824_224742_000000352061_00058_28669_0267.N1	24-AUG-2007 22:47:42	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	28669	No
244	GOM_NL__2PRFIN20070824_225429_000000402061_00058_28669_0268.N1	24-AUG-2007 22:54:29	Twilight	40.000	153	3Bet CMi	2.8940	13100.	80	28669	No
245	GOM_NL__2PRFIN20070824_230221_000000532061_00058_28669_0269.N1	24-AUG-2007 23:02:21	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28669	No
246	GOM_NL__2PRFIN20070824_230348_000000392061_00058_28669_0270.N1	24-AUG-2007 23:03:48	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28669	No
247	GOM_NL__2PRFIN20070824_230516_000000422061_00058_28669_0271.N1	24-AUG-2007 23:05:16	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28669	No
248	GOM_NL__2PRFIN20070824_230703_000000422061_00058_28669_0272.N1	24-AUG-2007 23:07:03	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28669	No
249	GOM_NL__2PRFIN20070824_231205_000000452061_00058_28669_0273.N1	24-AUG-2007 23:12:05	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28669	No
250	GOM_NL__2PRFIN20070824_232317_000000452061_00059_28670_0266.N1	24-AUG-2007 23:23:17	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28670	No
251	GOM_NL__2PRFIN20070824_232818_000000402061_00059_28670_0267.N1	24-AUG-2007 23:28:18	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28670	No
252	GOM_NL__2PRFIN20070824_233155_000000412061_00059_28670_0268.N1	24-AUG-2007 23:31:55	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28670	No
253	GOM_NL__2PRFIN20070824_233449_000000392061_00059_28670_0269.N1	24-AUG-2007 23:34:49	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28670	No
254	GOM_NL__2PRFIN20070824_234106_000000512061_00059_28670_0270.N1	24-AUG-2007 23:41:06	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	28670	No
255	GOM_NL__2PRFIN20070824_234421_000000392061_00059_28670_0271.N1	24-AUG-2007 23:44:21	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28670	No
256	GOM_NL__2PRFIN20070824_235548_000000362061_00059_28670_0272.N1	24-AUG-2007 23:55:48	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28670	No
257	GOM_NL__2PRFIN20070824_235733_000000352061_00059_28670_0273.N1	24-AUG-2007 23:57:33	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28670	No
258	GOM_NL__2PRFIN20070824_235900_000000382061_00059_28670_0274.N1	24-AUG-2007 23:59:00	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	28670	No

3. Quality information per product

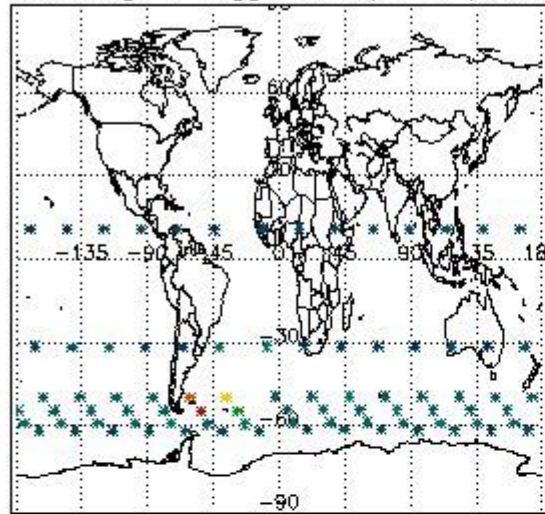
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

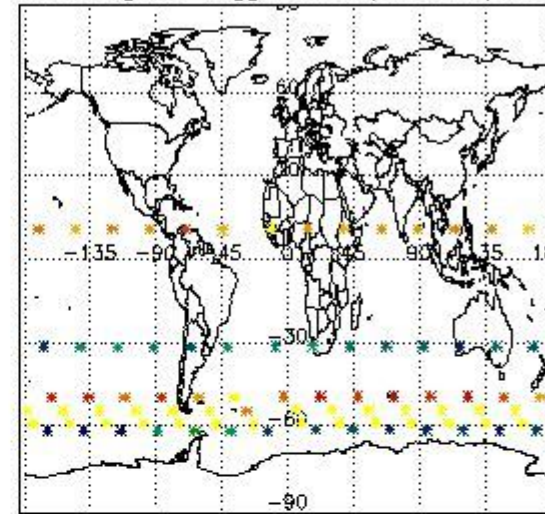


3.2 Plot quality information per product (world map)

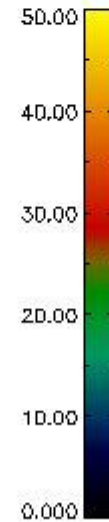
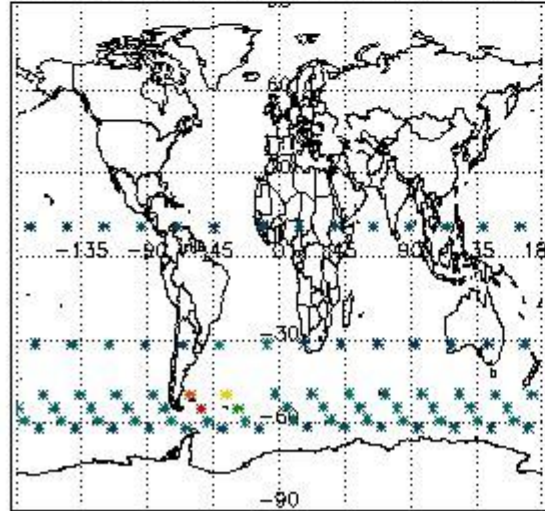
Percentage of flagged data per O3 profile



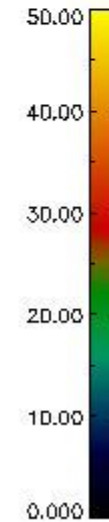
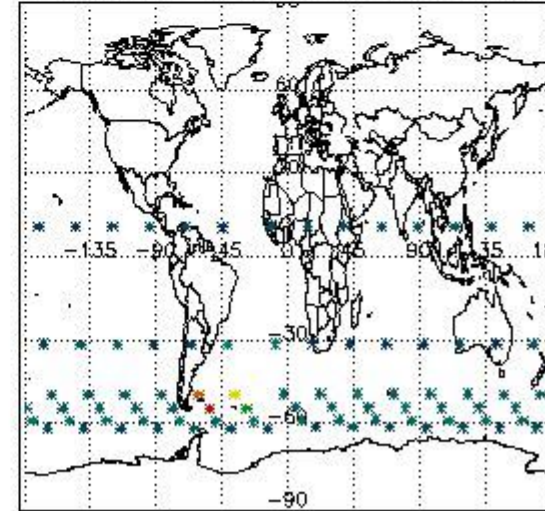
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

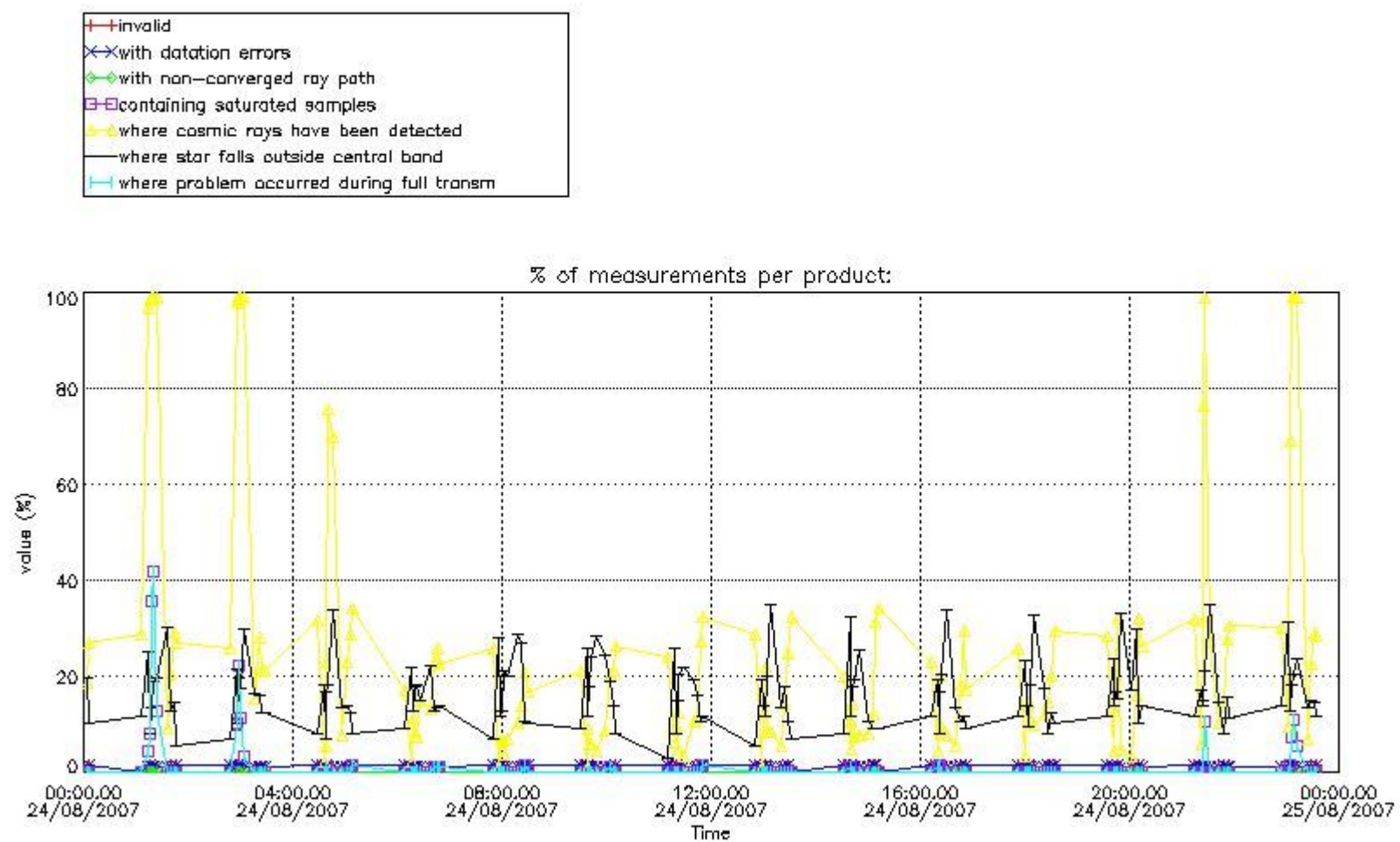


4. Level 1 quality information per product

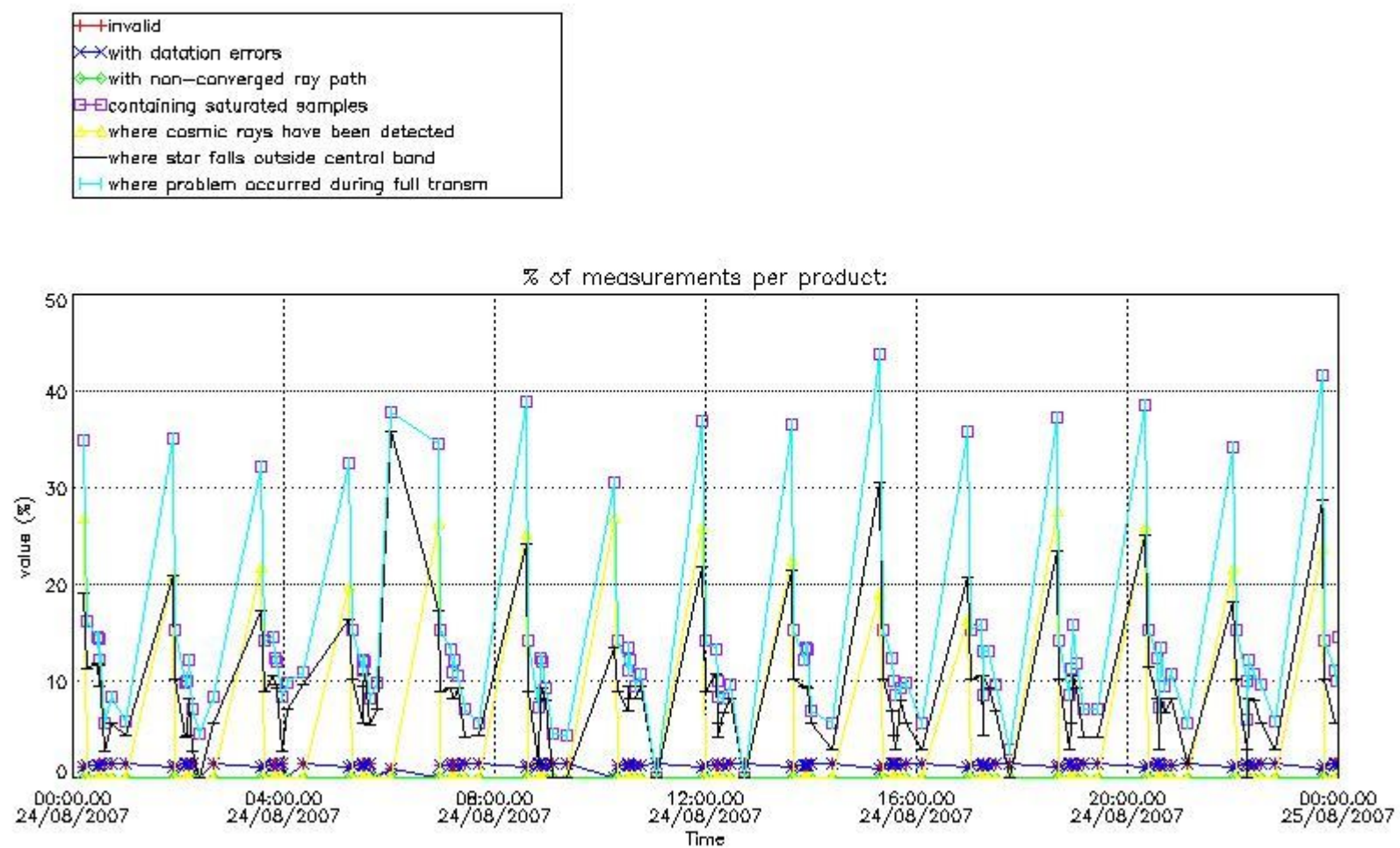
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

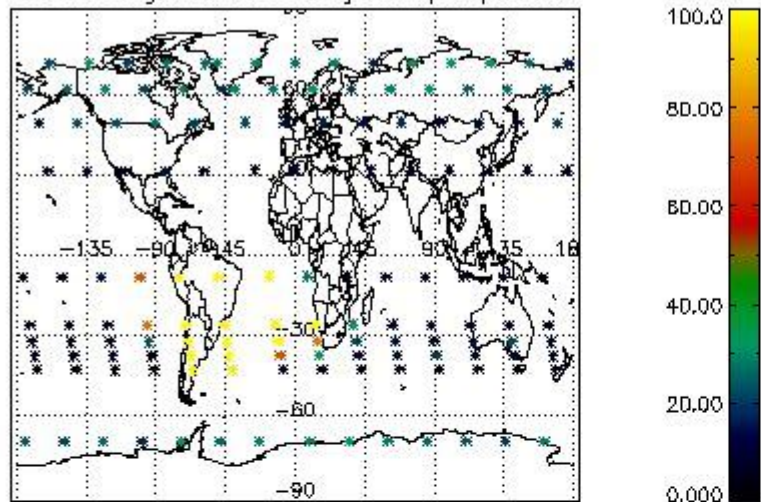


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

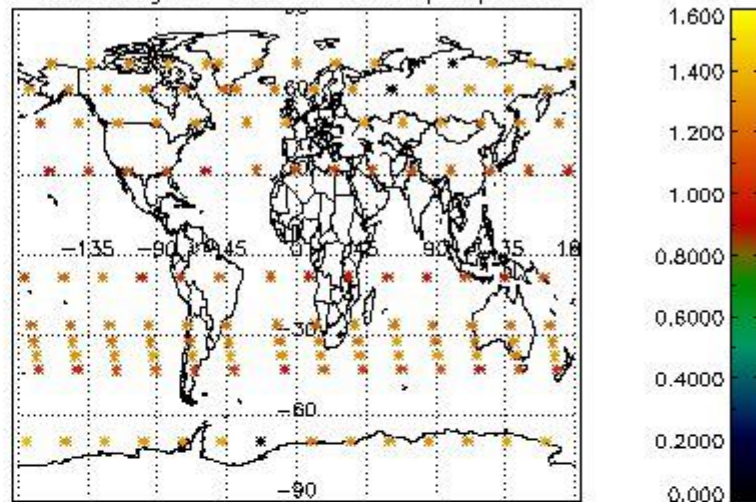


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

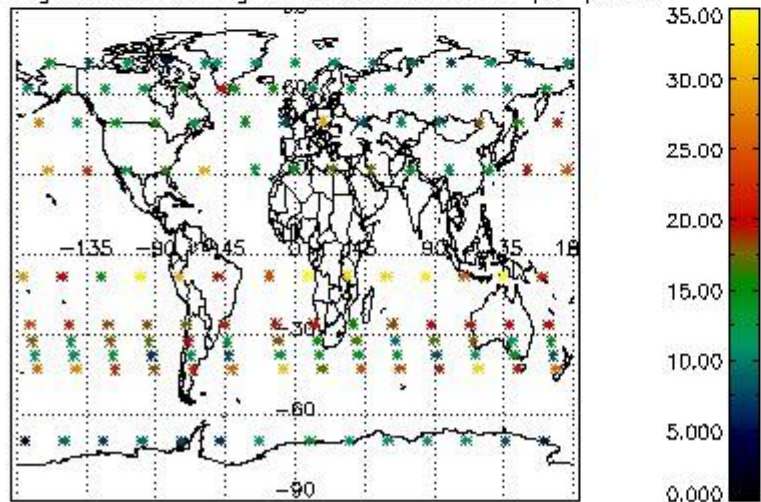
Percentage of cosmic ray hits per profile



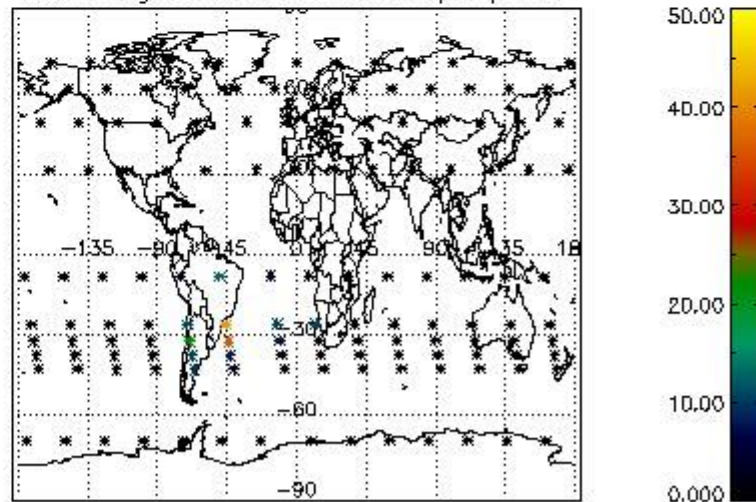
Percentage of datation errors per profile



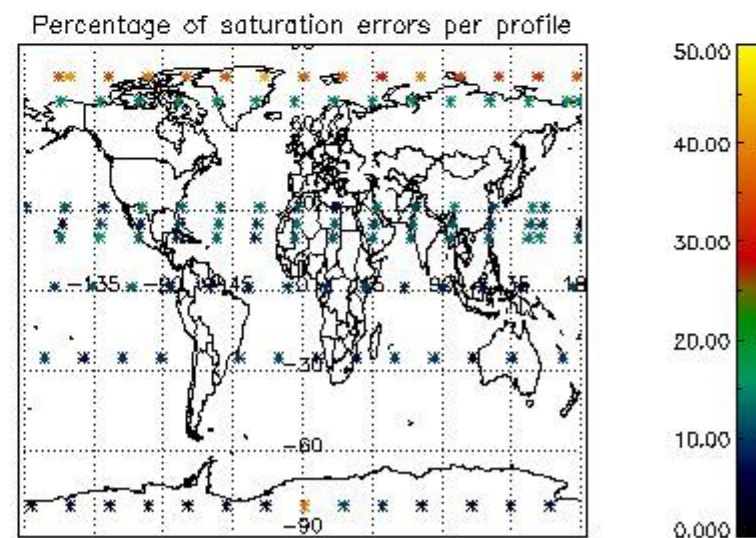
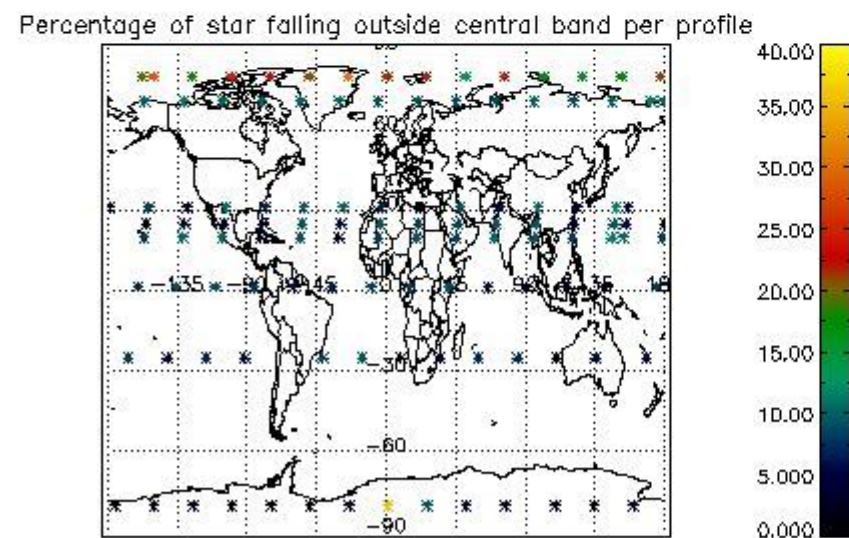
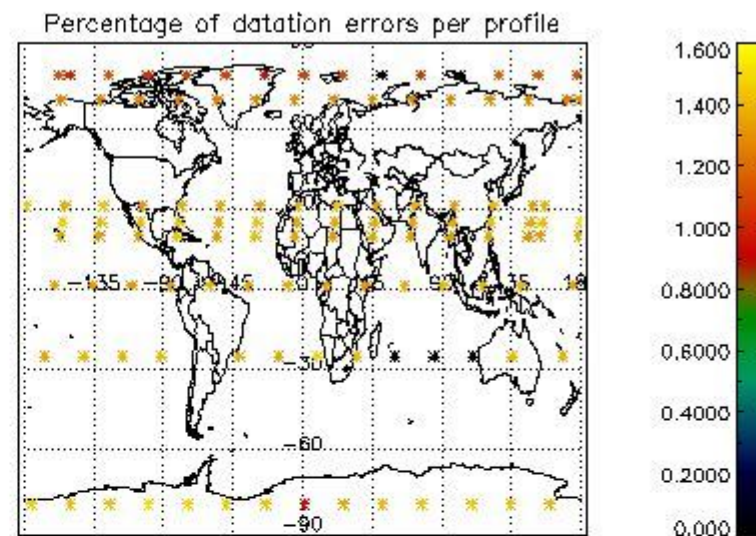
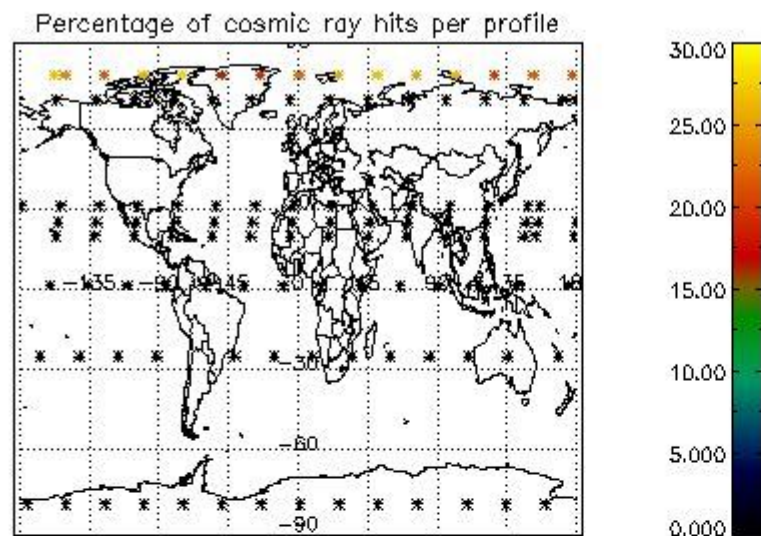
Percentage of star falling outside central band per profile



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

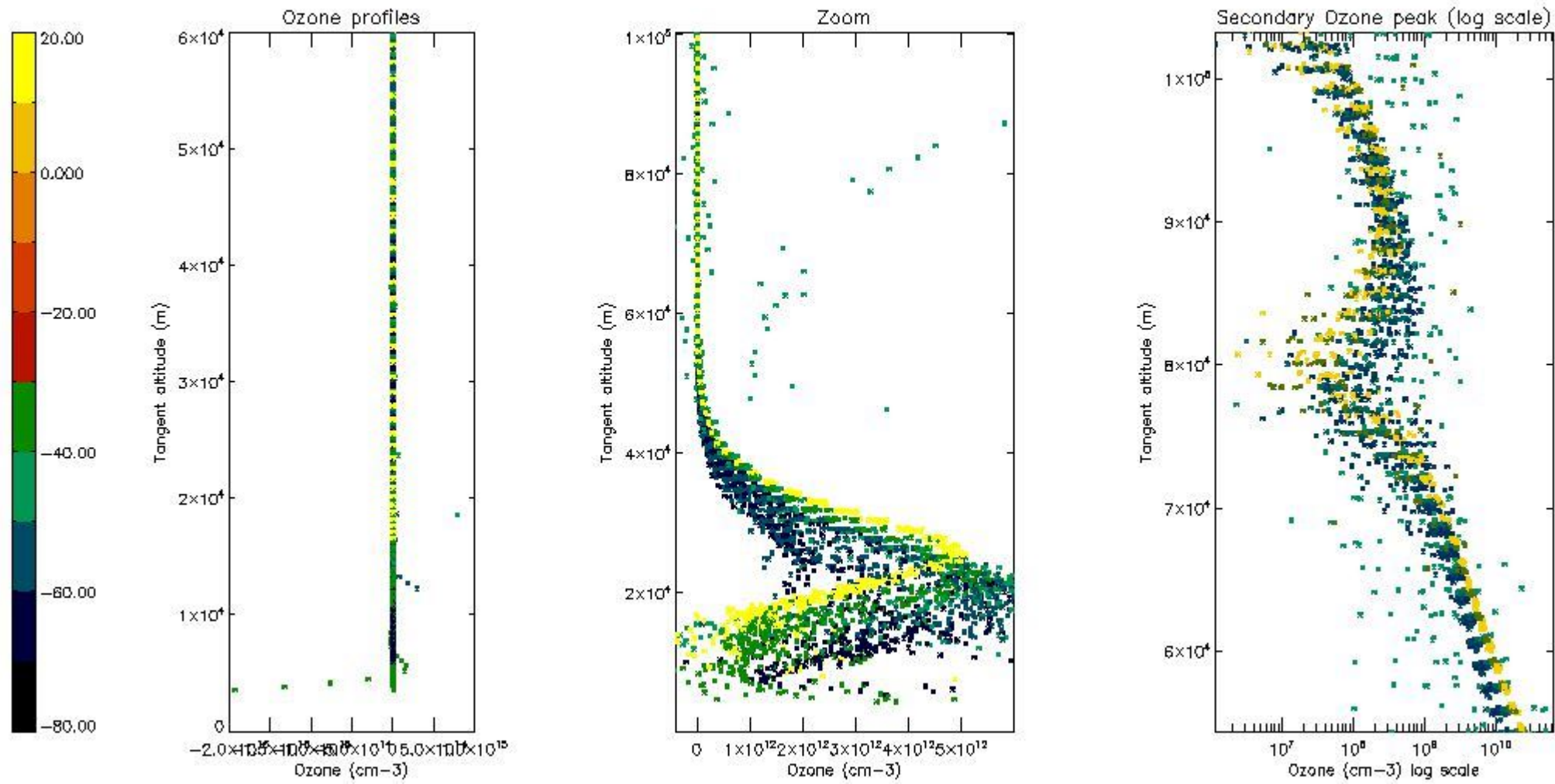
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	24

STD < 10	20
STD < 5	16

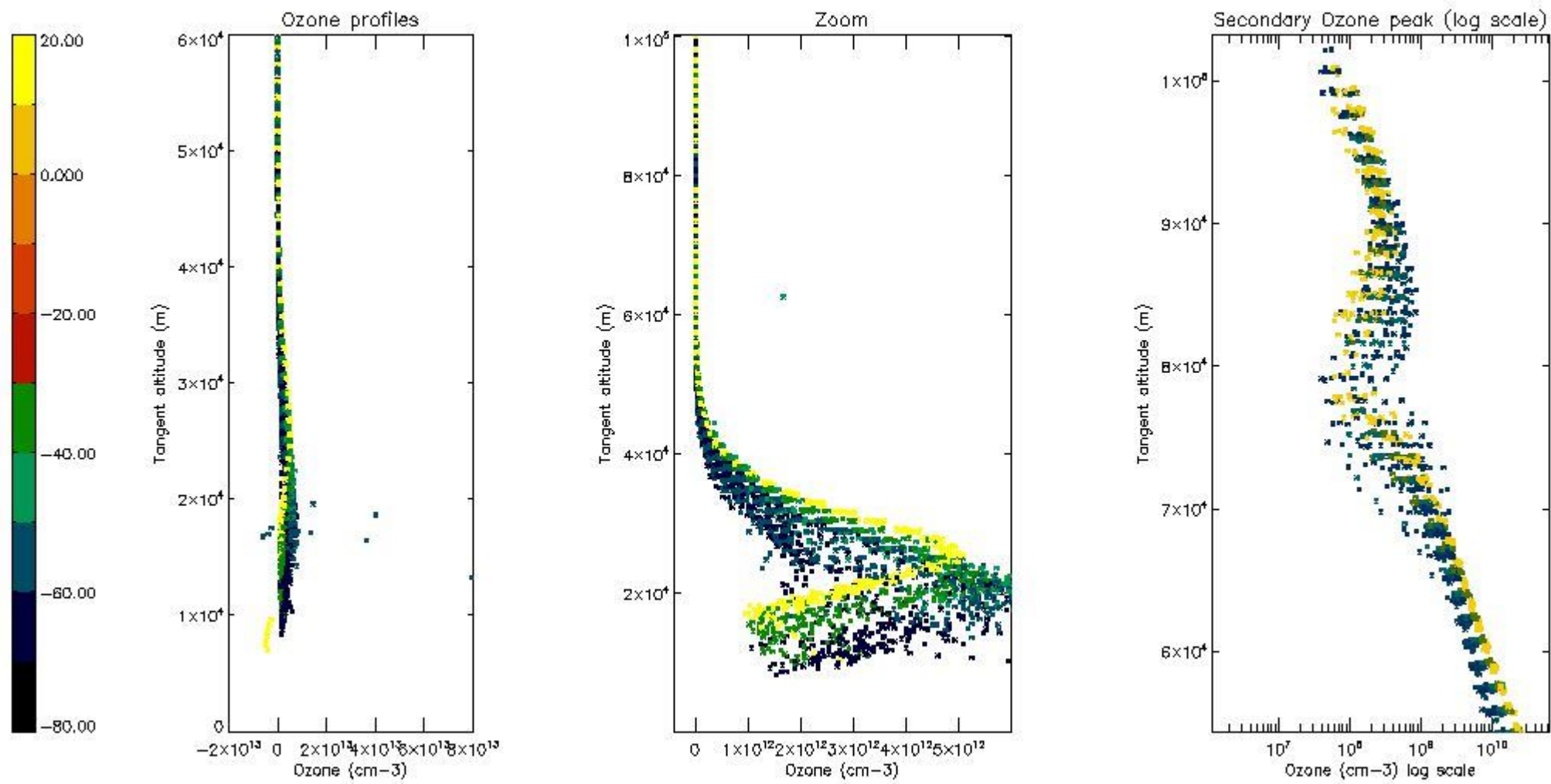
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



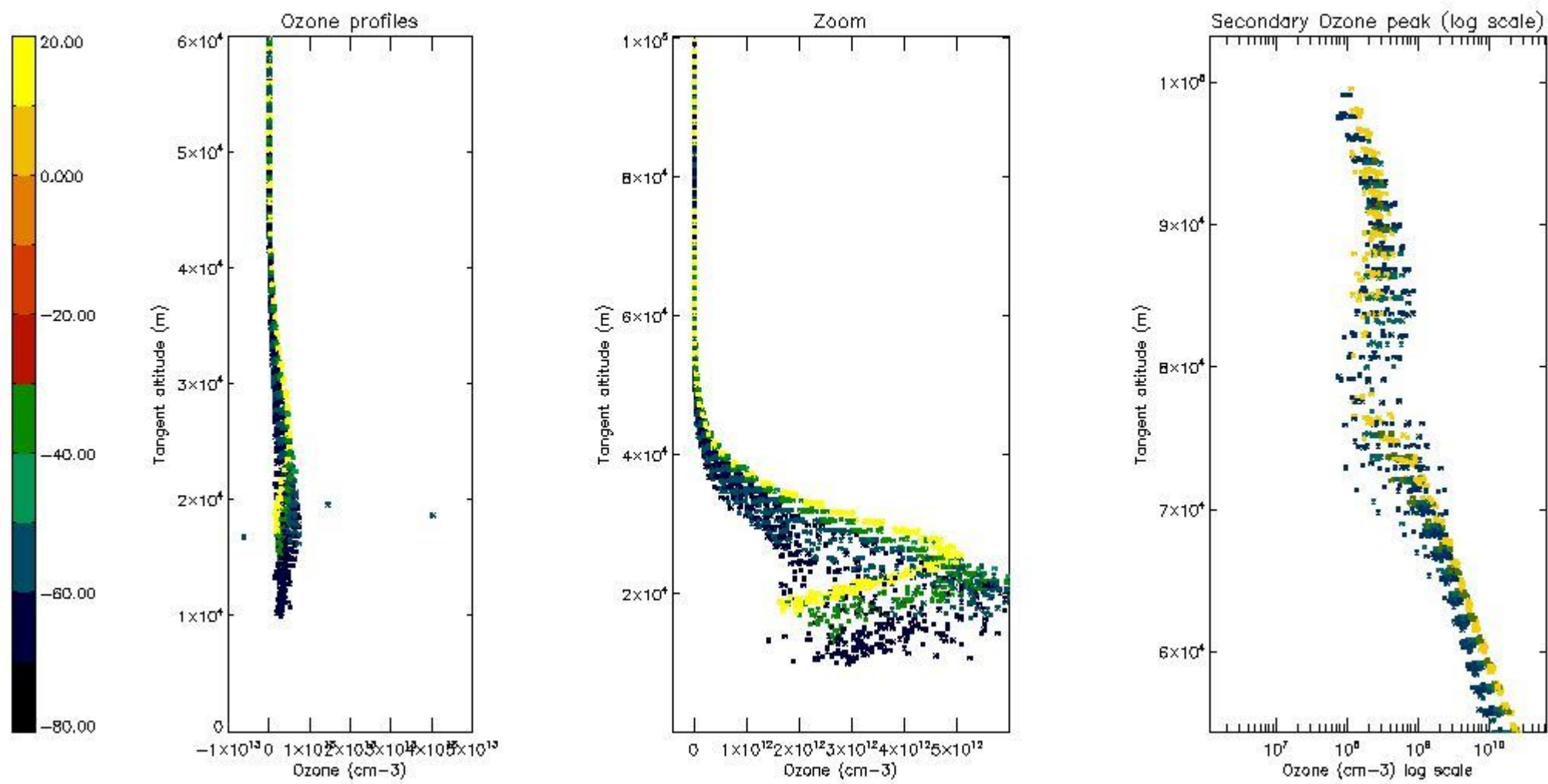
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



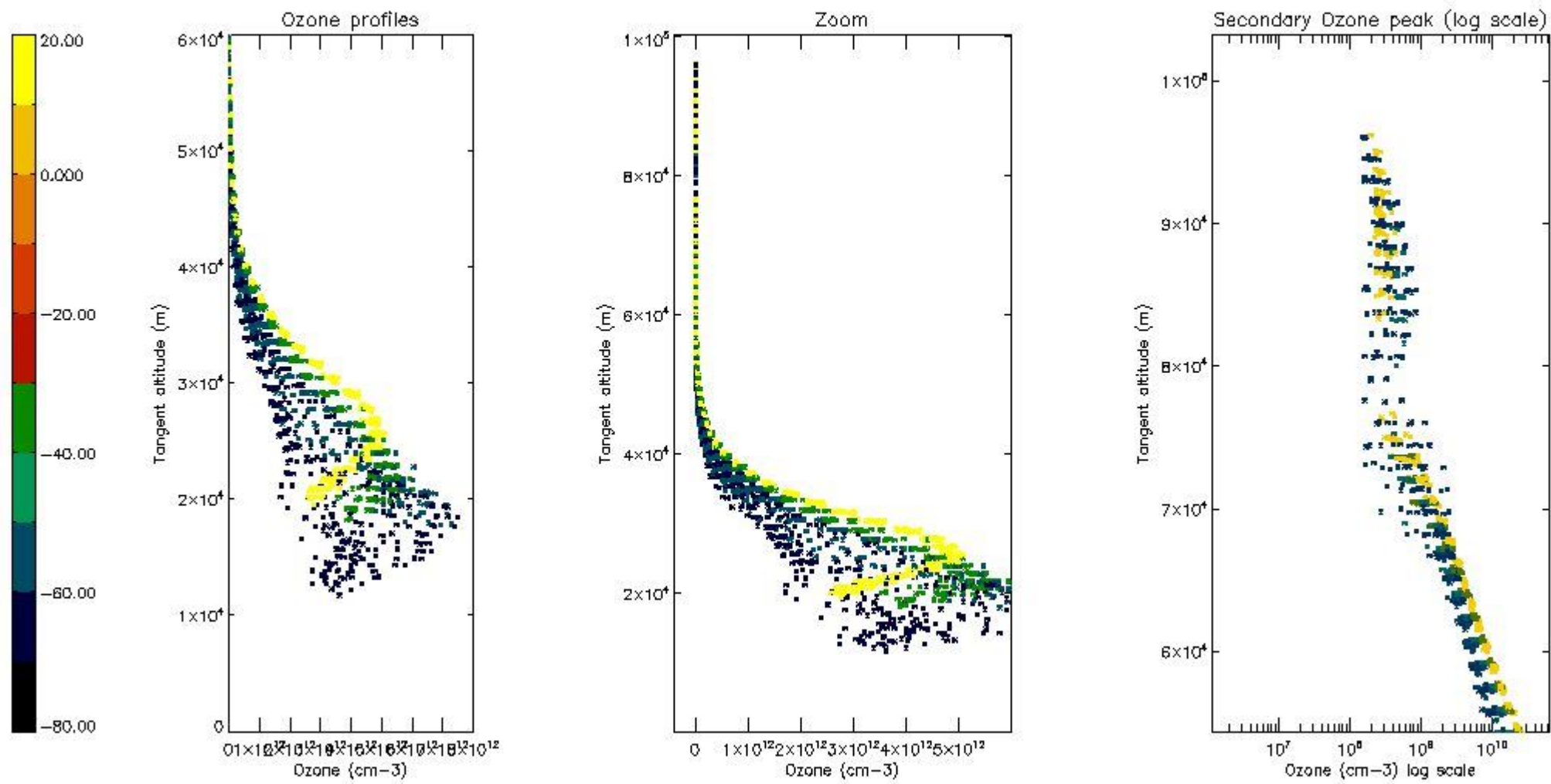
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



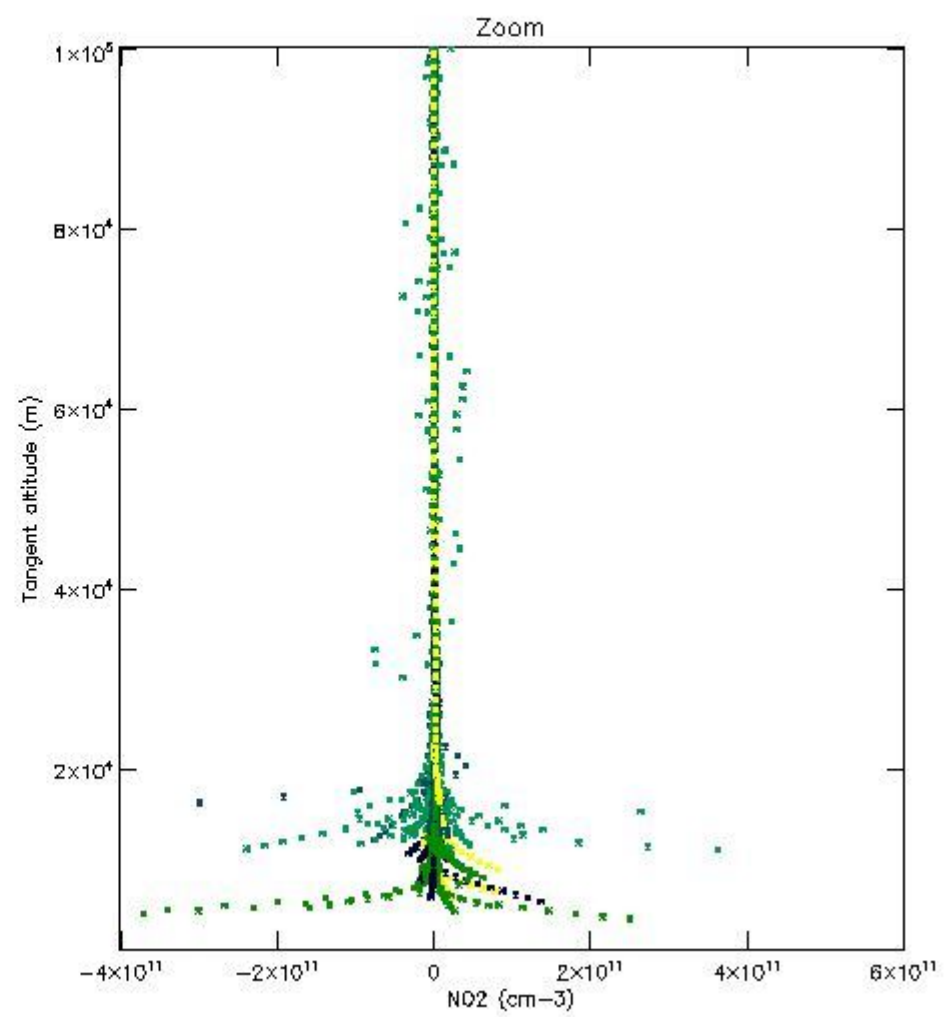
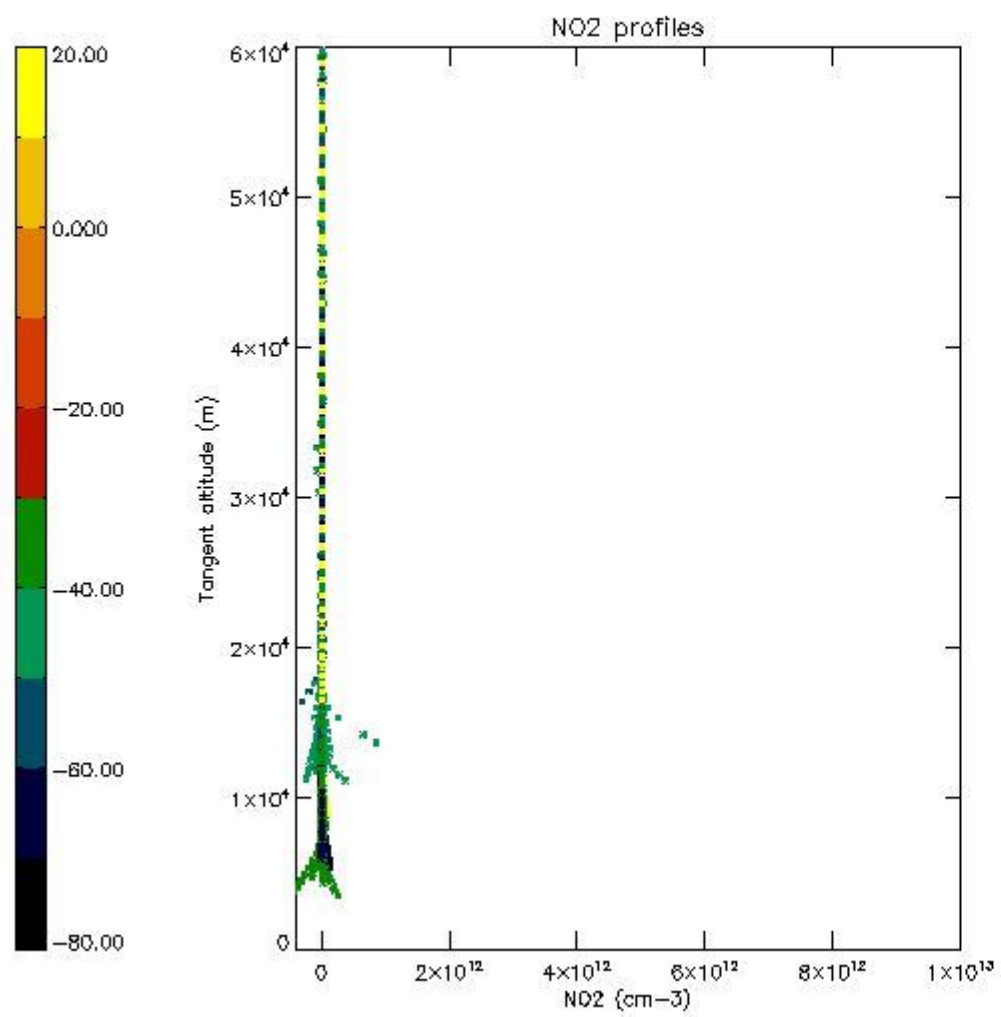
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



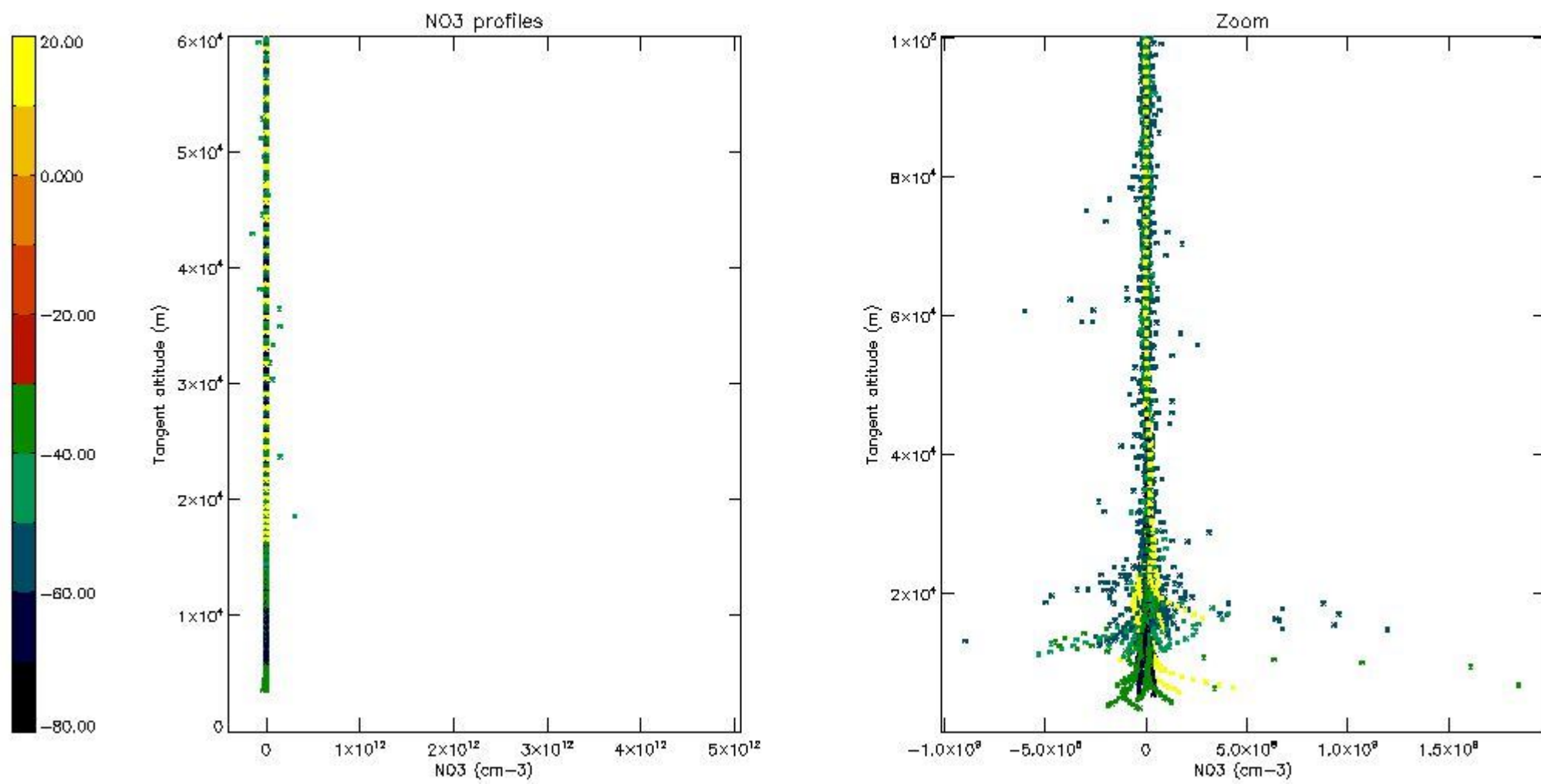
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



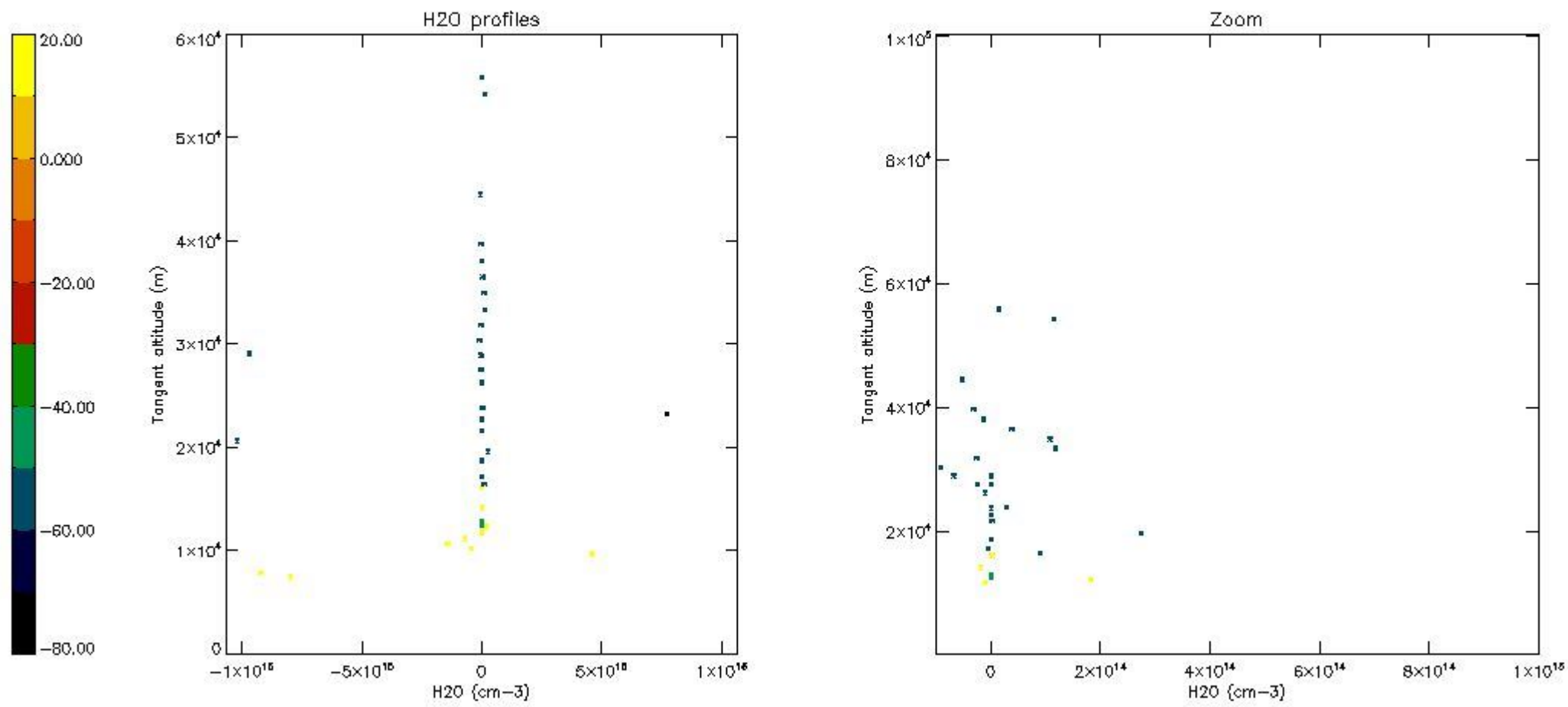
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-AUG-2007 00:03:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-AUG-2007 00:03:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-AUG-2007 00:03:28

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	23APR2013 01:46:34
Data source version	GOMOS/6.01
Start time of products	24-08-2007 (24AUG2007 00:00:00)
Stop time of products	25-08-2007 (25AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20070824_000328_000000432061_00045_28656_0030.N1	24-AUG-2007 00:03:28	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28656	No
2	GOM_NL__2PRFIN20070824_000622_000000392061_00045_28656_0031.N1	24-AUG-2007 00:06:22	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28656	No
3	GOM_NL__2PRFIN20070824_001241_000000452061_00045_28656_0032.N1	24-AUG-2007 00:12:41	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	28656	No
4	GOM_NL__2PRFIN20070824_001558_000000402061_00045_28656_0033.N1	24-AUG-2007 00:15:58	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	28656	No
5	GOM_NL__2PRFIN20070824_002726_000000382061_00045_28656_0034.N1	24-AUG-2007 00:27:26	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28656	No
6	GOM_NL__2PRFIN20070824_002910_000000372061_00045_28656_0035.N1	24-AUG-2007 00:29:10	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28656	No
7	GOM_NL__2PRFIN20070824_003038_000000392061_00045_28656_0036.N1	24-AUG-2007 00:30:38	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	28656	No
8	GOM_NL__2PRFIN20070824_003550_000000362061_00045_28656_0037.N1	24-AUG-2007 00:35:50	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28656	No
9	GOM_NL__2PRFIN20070824_004314_000000362061_00045_28656_0038.N1	24-AUG-2007 00:43:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28656	No
10	GOM_NL__2PRFIN20070824_005952_000000352061_00045_28656_0039.N1	24-AUG-2007 00:59:52	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	28656	No
11	GOM_NL__2PRFIN20070824_010639_000000392061_00045_28656_0040.N1	24-AUG-2007 01:06:39	Twilight	38.500	153	3Bet CMi	2.8940	13100.	77	28656	No
12	GOM_NL__2PRFIN20070824_011428_000000482061_00045_28656_0041.N1	24-AUG-2007 01:14:28	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28656	No
13	GOM_NL__2PRFIN20070824_011556_000000382061_00045_28656_0042.N1	24-AUG-2007 01:15:56	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28656	No
14	GOM_NL__2PRFIN20070824_011724_000000412061_00045_28656_0043.N1	24-AUG-2007 01:17:24	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	28656	No
15	GOM_NL__2PRFIN20070824_011913_000000422061_00045_28656_0044.N1	24-AUG-2007 01:19:13	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28656	No
16	GOM_NL__2PRFIN20070824_012414_000000432061_00045_28656_0045.N1	24-AUG-2007 01:24:14	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	28656	No
17	GOM_NL__2PRFIN20070824_013521_000000552061_00046_28657_0048.N1	24-AUG-2007 01:35:21	Dark	55.000	9	Alp Eri	0.45300	24000.	110	28657	No
18	GOM_NL__2PRFIN20070824_014027_000000402061_00046_28657_0049.N1	24-AUG-2007 01:40:27	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28657	No
19	GOM_NL__2PRFIN20070824_014404_000000422061_00046_28657_0050.N1	24-AUG-2007 01:44:04	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28657	No
20	GOM_NL__2PRFIN20070824_014658_000000372061_00046_28657_0051.N1	24-AUG-2007 01:46:58	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	28657	No
21	GOM_NL__2PRFIN20070824_015317_000000462061_00046_28657_0052.N1	24-AUG-2007 01:53:17	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	28657	No
22	GOM_NL__2PRFIN20070824_015634_000000402061_00046_28657_0053.N1	24-AUG-2007 01:56:34	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28657	No
23	GOM_NL__2PRFIN20070824_020802_000000362061_00046_28657_0054.N1	24-AUG-2007 02:08:02	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	28657	No
24	GOM_NL__2PRFIN20070824_020946_000000352061_00046_28657_0055.N1	24-AUG-2007 02:09:46	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28657	No
25	GOM_NL__2PRFIN20070824_021114_000000372061_00046_28657_0056.N1	24-AUG-2007 02:11:14	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28657	No
26	GOM_NL__2PRFIN20070824_021626_000000362061_00046_28657_0057.N1	24-AUG-2007 02:16:26	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28657	No
27	GOM_NL__2PRFIN20070824_022350_000000332061_00046_28657_0058.N1	24-AUG-2007 02:23:50	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28657	No
28	GOM_NL__2PRFIN20070824_024028_000000362061_00046_28657_0059.N1	24-AUG-2007 02:40:28	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28657	No
29	GOM_NL__2PRFIN20070824_024715_000000372061_00046_28657_0060.N1	24-AUG-2007 02:47:15	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	28657	No
30	GOM_NL__2PRFIN20070824_025504_000000472061_00046_28657_0061.N1	24-AUG-2007 02:55:04	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28657	No
31	GOM_NL__2PRFIN20070824_025632_000000392061_00046_28657_0062.N1	24-AUG-2007 02:56:32	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28657	No
32	GOM_NL__2PRFIN20070824_025800_000000432061_00046_28657_0063.N1	24-AUG-2007 02:58:00	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28657	No
33	GOM_NL__2PRFIN20070824_025949_000000412061_00046_28657_0064.N1	24-AUG-2007 02:59:49	Dark	40.500	117	Pi Pup	2.7060	3800.0	81	28657	No
34	GOM_NL__2PRFIN20070824_030450_000000492061_00046_28657_0065.N1	24-AUG-2007 03:04:50	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	28657	No
35	GOM_NL__2PRFIN20070824_031558_000000462061_00047_28658_0061.N1	24-AUG-2007 03:15:58	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28658	No
36	GOM_NL__2PRFIN20070824_032104_000000412061_00047_28658_0062.N1	24-AUG-2007 03:21:04	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28658	No
37	GOM_NL__2PRFIN20070824_032441_000000402061_00047_28658_0063.N1	24-AUG-2007 03:24:41	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28658	No
38	GOM_NL__2PRFIN20070824_032734_000000402061_00047_28658_0064.N1	24-AUG-2007 03:27:34	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28658	No
39	GOM_NL__2PRFIN20070824_033353_000000442061_00047_28658_0065.N1	24-AUG-2007 03:33:53	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28658	No
40	GOM_NL__2PRFIN20070824_033709_000000392061_00047_28658_0066.N1	24-AUG-2007 03:37:09	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28658	No
41	GOM_NL__2PRFIN20070824_034837_000000382061_00047_28658_0067.N1	24-AUG-2007 03:48:37	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28658	No
42	GOM_NL__2PRFIN20070824_035022_000000372061_00047_28658_0068.N1	24-AUG-2007 03:50:22	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28658	No

43	GOM_NL__2PRFIN20070824_035149_000000382061_00047_28658_0069.N1	24-AUG-2007 03:51:49	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28658	No
44	GOM_NL__2PRFIN20070824_035701_000000362061_00047_28658_0070.N1	24-AUG-2007 03:57:01	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28658	No
45	GOM_NL__2PRFIN20070824_040426_000000362061_00047_28658_0071.N1	24-AUG-2007 04:04:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28658	No
46	GOM_NL__2PRFIN20070824_042105_000000372061_00047_28658_0072.N1	24-AUG-2007 04:21:05	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	28658	No
47	GOM_NL__2PRFIN20070824_042751_000000382061_00047_28658_0073.N1	24-AUG-2007 04:27:51	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28658	No
48	GOM_NL__2PRFIN20070824_043540_000000442061_00047_28658_0074.N1	24-AUG-2007 04:35:40	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28658	No
49	GOM_NL__2PRFIN20070824_043709_000000372061_00047_28658_0075.N1	24-AUG-2007 04:37:09	Dark	37.000	179	24Omi2CMa	3.0320	24000.	74	28658	No
50	GOM_NL__2PRFIN20070824_043837_000000422061_00047_28658_0076.N1	24-AUG-2007 04:38:37	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28658	No
51	GOM_NL__2PRFIN20070824_044025_000000412061_00047_28658_0077.N1	24-AUG-2007 04:40:25	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28658	No
52	GOM_NL__2PRFIN20070824_044526_000000522061_00047_28658_0078.N1	24-AUG-2007 04:45:26	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28658	No
53	GOM_NL__2PRFIN20070824_045634_000000452061_00048_28659_0095.N1	24-AUG-2007 04:56:34	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28659	No
54	GOM_NL__2PRFIN20070824_050140_000000402061_00048_28659_0096.N1	24-AUG-2007 05:01:40	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28659	No
55	GOM_NL__2PRFIN20070824_050517_000000402061_00048_28659_0097.N1	24-AUG-2007 05:05:17	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28659	No
56	GOM_NL__2PRFIN20070824_050811_000000382061_00048_28659_0098.N1	24-AUG-2007 05:08:11	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28659	No
57	GOM_NL__2PRFIN20070824_051430_000000432061_00048_28659_0099.N1	24-AUG-2007 05:14:30	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	28659	No
58	GOM_NL__2PRFIN20070824_051746_000000402061_00048_28659_0100.N1	24-AUG-2007 05:17:46	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28659	No
59	GOM_NL__2PRFIN20070824_052913_000000362061_00048_28659_0101.N1	24-AUG-2007 05:29:13	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28659	No
60	GOM_NL__2PRFIN20070824_053058_000000372061_00048_28659_0102.N1	24-AUG-2007 05:30:58	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28659	No
61	GOM_NL__2PRFIN20070824_053225_000000382061_00048_28659_0103.N1	24-AUG-2007 05:32:25	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28659	No
62	GOM_NL__2PRFIN20070824_053737_000000372061_00048_28659_0104.N1	24-AUG-2007 05:37:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28659	No
63	GOM_NL__2PRFIN20070824_054502_000000362061_00048_28659_0105.N1	24-AUG-2007 05:45:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28659	No
64	GOM_NL__2PRFIN20070824_060141_000000532061_00048_28659_0106.N1	24-AUG-2007 06:01:41	Bright	53.000	24	66Alp Gem	1.5800	10200.	106	28659	No
65	GOM_NL__2PRFIN20070824_060827_000000382061_00048_28659_0107.N1	24-AUG-2007 06:08:27	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28659	No
66	GOM_NL__2PRFIN20070824_061617_000000462061_00048_28659_0108.N1	24-AUG-2007 06:16:17	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	28659	No
67	GOM_NL__2PRFIN20070824_061745_000000402061_00048_28659_0109.N1	24-AUG-2007 06:17:45	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28659	No
68	GOM_NL__2PRFIN20070824_061913_000000422061_00048_28659_0110.N1	24-AUG-2007 06:19:13	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28659	No
69	GOM_NL__2PRFIN20070824_062101_000000412061_00048_28659_0111.N1	24-AUG-2007 06:21:01	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28659	No
70	GOM_NL__2PRFIN20070824_062603_000000402061_00048_28659_0112.N1	24-AUG-2007 06:26:03	Dark	40.000	2	Alp Car	-0.73600	7000.0	80	28659	No
71	GOM_NL__2PRFIN20070824_063711_000000502061_00049_28660_0108.N1	24-AUG-2007 06:37:11	Dark	49.500	9	Alp Eri	0.45300	24000.	99	28660	No
72	GOM_NL__2PRFIN20070824_064216_000000402061_00049_28660_0109.N1	24-AUG-2007 06:42:16	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28660	No
73	GOM_NL__2PRFIN20070824_064553_000000412061_00049_28660_0110.N1	24-AUG-2007 06:45:53	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28660	No
74	GOM_NL__2PRFIN20070824_064847_000000402061_00049_28660_0111.N1	24-AUG-2007 06:48:47	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28660	No
75	GOM_NL__2PRFIN20070824_065506_000000442061_00049_28660_0112.N1	24-AUG-2007 06:55:06	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28660	No
76	GOM_NL__2PRFIN20070824_065821_000000402061_00049_28660_0113.N1	24-AUG-2007 06:58:21	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28660	No
77	GOM_NL__2PRFIN20070824_070949_000000382061_00049_28660_0114.N1	24-AUG-2007 07:09:49	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28660	No
78	GOM_NL__2PRFIN20070824_071134_000000372061_00049_28660_0115.N1	24-AUG-2007 07:11:34	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28660	No
79	GOM_NL__2PRFIN20070824_071301_000000372061_00049_28660_0116.N1	24-AUG-2007 07:13:01	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28660	No
80	GOM_NL__2PRFIN20070824_071813_000000382061_00049_28660_0117.N1	24-AUG-2007 07:18:13	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28660	No
81	GOM_NL__2PRFIN20070824_072538_000000362061_00049_28660_0118.N1	24-AUG-2007 07:25:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28660	No
82	GOM_NL__2PRFIN20070824_074217_000000352061_00049_28660_0119.N1	24-AUG-2007 07:42:17	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28660	No
83	GOM_NL__2PRFIN20070824_074904_000000372061_00049_28660_0120.N1	24-AUG-2007 07:49:04	Twilight	37.000	153	3Bet CMi	2.8940	13100.	74	28660	No
84	GOM_NL__2PRFIN20070824_075653_000000502061_00049_28660_0121.N1	24-AUG-2007 07:56:53	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	28660	No
85	GOM_NL__2PRFIN20070824_075822_000000392061_00049_28660_0122.N1	24-AUG-2007 07:58:22	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28660	No
86	GOM_NL__2PRFIN20070824_075949_000000392061_00049_28660_0123.N1	24-AUG-2007 07:59:49	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	28660	No
87	GOM_NL__2PRFIN20070824_080137_000000432061_00049_28660_0124.N1	24-AUG-2007 08:01:37	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28660	No
88	GOM_NL__2PRFIN20070824_080639_000000432061_00049_28660_0125.N1	24-AUG-2007 08:06:39	Dark	42.500	2	Alp Car	-0.73600	7000.0	85	28660	No
89	GOM_NL__2PRFIN20070824_081748_000000542061_00050_28661_0117.N1	24-AUG-2007 08:17:48	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28661	No
90	GOM_NL__2PRFIN20070824_082252_000000472061_00050_28661_0118.N1	24-AUG-2007 08:22:52	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	28661	No
91	GOM_NL__2PRFIN20070824_082629_000000392061_00050_28661_0119.N1	24-AUG-2007 08:26:29	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28661	No
92	GOM_NL__2PRFIN20070824_082923_000000392061_00050_28661_0120.N1	24-AUG-2007 08:29:23	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28661	No
93	GOM_NL__2PRFIN20070824_083542_000000482061_00050_28661_0121.N1	24-AUG-2007 08:35:42	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	28661	No
94	GOM_NL__2PRFIN20070824_083858_000000392061_00050_28661_0122.N1	24-AUG-2007 08:38:58	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28661	No
95	GOM_NL__2PRFIN20070824_085025_000000352061_00050_28661_0123.N1	24-AUG-2007 08:50:25	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	28661	No
96	GOM_NL__2PRFIN20070824_085210_000000372061_00050_28661_0124.N1	24-AUG-2007 08:52:10	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28661	No
97	GOM_NL__2PRFIN20070824_085337_000000382061_00050_28661_0125.N1	24-AUG-2007 08:53:37	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28661	No
98	GOM_NL__2PRFIN20070824_085849_000000382061_00050_28661_0126.N1	24-AUG-2007 08:58:49	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28661	No
99	GOM_NL__2PRFIN20070824_090613_000000342061_00050_28661_0127.N1	24-AUG-2007 09:06:13	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28661	No
100	GOM_NL__2PRFIN20070824_092253_000000352061_00050_28661_0128.N1	24-AUG-2007 09:22:53	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	28661	No
101	GOM_NL__2PRFIN20070824_092940_000000382061_00050_28661_0129.N1	24-AUG-2007 09:29:40	Twilight	38.000	153	3Bet CMi	2.8940	13100.	76	28661	No

102	GOM_NL__2PRFIN20070824_093730_000000492061_00050_28661_0130.N1	24-AUG-2007 09:37:30	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28661	No
103	GOM_NL__2PRFIN20070824_093858_000000392061_00050_28661_0131.N1	24-AUG-2007 09:38:58	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28661	No
104	GOM_NL__2PRFIN20070824_094026_000000422061_00050_28661_0132.N1	24-AUG-2007 09:40:26	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28661	No
105	GOM_NL__2PRFIN20070824_094214_000000442061_00050_28661_0133.N1	24-AUG-2007 09:42:14	Dark	43.500	117	Pi Pup	2.7060	3800.0	87	28661	No
106	GOM_NL__2PRFIN20070824_094715_000000482061_00050_28661_0134.N1	24-AUG-2007 09:47:15	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	28661	No
107	GOM_NL__2PRFIN20070824_095824_000000512061_00051_28662_0138.N1	24-AUG-2007 09:58:24	Dark	51.000	9	Alp Eri	0.45300	24000.	102	28662	No
108	GOM_NL__2PRFIN20070824_100329_000000422061_00051_28662_0139.N1	24-AUG-2007 10:03:29	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28662	No
109	GOM_NL__2PRFIN20070824_100706_000000402061_00051_28662_0140.N1	24-AUG-2007 10:07:06	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28662	No
110	GOM_NL__2PRFIN20070824_100959_000000382061_00051_28662_0141.N1	24-AUG-2007 10:09:59	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28662	No
111	GOM_NL__2PRFIN20070824_101618_000000412061_00051_28662_0142.N1	24-AUG-2007 10:16:18	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	28662	No
112	GOM_NL__2PRFIN20070824_101933_000000392061_00051_28662_0143.N1	24-AUG-2007 10:19:33	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28662	No
113	GOM_NL__2PRFIN20070824_103101_000000362061_00051_28662_0144.N1	24-AUG-2007 10:31:01	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28662	No
114	GOM_NL__2PRFIN20070824_103245_000000372061_00051_28662_0145.N1	24-AUG-2007 10:32:45	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28662	No
115	GOM_NL__2PRFIN20070824_103413_000000372061_00051_28662_0146.N1	24-AUG-2007 10:34:13	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28662	No
116	GOM_NL__2PRFIN20070824_103924_000000372061_00051_28662_0147.N1	24-AUG-2007 10:39:24	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28662	No
117	GOM_NL__2PRFIN20070824_104649_000000372061_00051_28662_0148.N1	24-AUG-2007 10:46:49	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28662	No
118	GOM_NL__2PRFIN20070824_110329_000000342061_00051_28662_0149.N1	24-AUG-2007 11:03:29	Bright	33.500	24	66Alp Gem	1.5800	10200.	67	28662	No
119	GOM_NL__2PRFIN20070824_111016_000000362061_00051_28662_0150.N1	24-AUG-2007 11:10:16	Twilight	35.500	153	3Bet CMi	2.8940	13100.	71	28662	No
120	GOM_NL__2PRFIN20070824_111806_000000492061_00051_28662_0151.N1	24-AUG-2007 11:18:06	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28662	No
121	GOM_NL__2PRFIN20070824_111934_000000382061_00051_28662_0152.N1	24-AUG-2007 11:19:34	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28662	No
122	GOM_NL__2PRFIN20070824_112102_000000402061_00051_28662_0153.N1	24-AUG-2007 11:21:02	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28662	No
123	GOM_NL__2PRFIN20070824_112250_000000422061_00051_28662_0154.N1	24-AUG-2007 11:22:50	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28662	No
124	GOM_NL__2PRFIN20070824_112751_000000442061_00051_28662_0155.N1	24-AUG-2007 11:27:51	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	28662	No
125	GOM_NL__2PRFIN20070824_113901_000000472061_00052_28663_0151.N1	24-AUG-2007 11:39:01	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28663	No
126	GOM_NL__2PRFIN20070824_114405_000000412061_00052_28663_0152.N1	24-AUG-2007 11:44:05	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28663	No
127	GOM_NL__2PRFIN20070824_114742_000000392061_00052_28663_0153.N1	24-AUG-2007 11:47:42	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28663	No
128	GOM_NL__2PRFIN20070824_115036_000000392061_00052_28663_0154.N1	24-AUG-2007 11:50:36	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	28663	No
129	GOM_NL__2PRFIN20070824_115654_000000462061_00052_28663_0155.N1	24-AUG-2007 11:56:54	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28663	No
130	GOM_NL__2PRFIN20070824_120009_000000392061_00052_28663_0156.N1	24-AUG-2007 12:00:09	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28663	No
131	GOM_NL__2PRFIN20070824_121137_000000382061_00052_28663_0157.N1	24-AUG-2007 12:11:37	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28663	No
132	GOM_NL__2PRFIN20070824_121321_000000352061_00052_28663_0158.N1	24-AUG-2007 12:13:21	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28663	No
133	GOM_NL__2PRFIN20070824_121449_000000362061_00052_28663_0159.N1	24-AUG-2007 12:14:49	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	28663	No
134	GOM_NL__2PRFIN20070824_122000_000000372061_00052_28663_0160.N1	24-AUG-2007 12:20:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28663	No
135	GOM_NL__2PRFIN20070824_122725_000000372061_00052_28663_0161.N1	24-AUG-2007 12:27:25	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28663	No
136	GOM_NL__2PRFIN20070824_124405_000000332061_00052_28663_0162.N1	24-AUG-2007 12:44:05	Bright	33.000	24	66Alp Gem	1.5800	10200.	66	28663	No
137	GOM_NL__2PRFIN20070824_125052_000000372061_00052_28663_0163.N1	24-AUG-2007 12:50:52	Twilight	36.500	153	3Bet CMi	2.8940	13100.	73	28663	No
138	GOM_NL__2PRFIN20070824_125842_000000452061_00052_28663_0164.N1	24-AUG-2007 12:58:42	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28663	No
139	GOM_NL__2PRFIN20070824_130010_000000402061_00052_28663_0165.N1	24-AUG-2007 13:00:10	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28663	No
140	GOM_NL__2PRFIN20070824_130138_000000392061_00052_28663_0166.N1	24-AUG-2007 13:01:38	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	28663	No
141	GOM_NL__2PRFIN20070824_130326_000000432061_00052_28663_0167.N1	24-AUG-2007 13:03:26	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28663	No
142	GOM_NL__2PRFIN20070824_130828_000000532061_00052_28663_0168.N1	24-AUG-2007 13:08:28	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28663	No
143	GOM_NL__2PRFIN20070824_131937_000000452061_00053_28664_0166.N1	24-AUG-2007 13:19:37	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28664	No
144	GOM_NL__2PRFIN20070824_132441_000000422061_00053_28664_0167.N1	24-AUG-2007 13:24:41	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28664	No
145	GOM_NL__2PRFIN20070824_132818_000000392061_00053_28664_0168.N1	24-AUG-2007 13:28:18	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28664	No
146	GOM_NL__2PRFIN20070824_133112_000000372061_00053_28664_0169.N1	24-AUG-2007 13:31:12	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	28664	No
147	GOM_NL__2PRFIN20070824_133730_000000472061_00053_28664_0170.N1	24-AUG-2007 13:37:30	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	28664	No
148	GOM_NL__2PRFIN20070824_134045_000000402061_00053_28664_0171.N1	24-AUG-2007 13:40:45	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28664	No
149	GOM_NL__2PRFIN20070824_135213_000000372061_00053_28664_0172.N1	24-AUG-2007 13:52:13	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28664	No
150	GOM_NL__2PRFIN20070824_135357_000000372061_00053_28664_0173.N1	24-AUG-2007 13:53:57	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28664	No
151	GOM_NL__2PRFIN20070824_135525_000000382061_00053_28664_0174.N1	24-AUG-2007 13:55:25	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28664	No
152	GOM_NL__2PRFIN20070824_140036_000000362061_00053_28664_0175.N1	24-AUG-2007 14:00:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28664	No
153	GOM_NL__2PRFIN20070824_142441_000000352061_00053_28664_0176.N1	24-AUG-2007 14:24:41	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28664	No
154	GOM_NL__2PRFIN20070824_143129_000000382061_00053_28664_0177.N1	24-AUG-2007 14:31:29	Twilight	37.500	153	3Bet CMi	2.8940	13100.	75	28664	No
155	GOM_NL__2PRFIN20070824_143919_000000532061_00053_28664_0178.N1	24-AUG-2007 14:39:19	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28664	No
156	GOM_NL__2PRFIN20070824_144047_000000392061_00053_28664_0179.N1	24-AUG-2007 14:40:47	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28664	No
157	GOM_NL__2PRFIN20070824_144215_000000422061_00053_28664_0180.N1	24-AUG-2007 14:42:15	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28664	No
158	GOM_NL__2PRFIN20070824_144402_000000422061_00053_28664_0181.N1	24-AUG-2007 14:44:02	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28664	No
159	GOM_NL__2PRFIN20070824_144904_000000462061_00053_28664_0182.N1	24-AUG-2007 14:49:04	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	28664	No
160	GOM_NL__2PRFIN20070824_150014_000000432061_00054_28665_0179.N1	24-AUG-2007 15:00:14	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28665	No

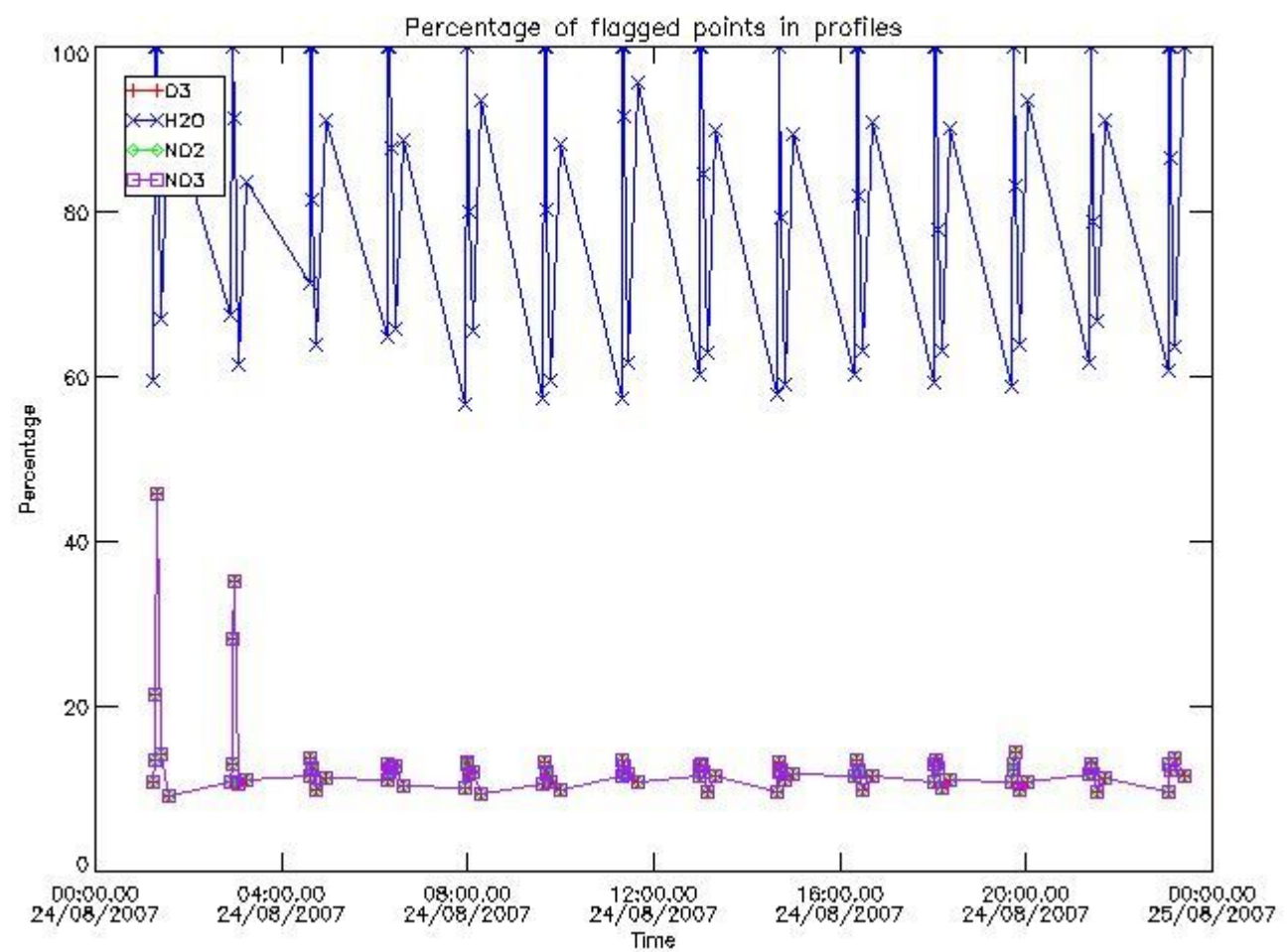
161	GOM_NL__2PRFIN20070824_150517_000000382061_00054_28665_0180.N1	24-AUG-2007 15:05:17	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28665	No
162	GOM_NL__2PRFIN20070824_150854_000000392061_00054_28665_0181.N1	24-AUG-2007 15:08:54	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	28665	No
163	GOM_NL__2PRFIN20070824_151148_000000382061_00054_28665_0182.N1	24-AUG-2007 15:11:48	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28665	No
164	GOM_NL__2PRFIN20070824_151806_000000532061_00054_28665_0183.N1	24-AUG-2007 15:18:06	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	28665	No
165	GOM_NL__2PRFIN20070824_152121_000000402061_00054_28665_0184.N1	24-AUG-2007 15:21:21	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28665	No
166	GOM_NL__2PRFIN20070824_153249_000000372061_00054_28665_0185.N1	24-AUG-2007 15:32:49	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28665	No
167	GOM_NL__2PRFIN20070824_153433_000000352061_00054_28665_0186.N1	24-AUG-2007 15:34:33	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28665	No
168	GOM_NL__2PRFIN20070824_153600_000000352061_00054_28665_0187.N1	24-AUG-2007 15:36:00	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28665	No
169	GOM_NL__2PRFIN20070824_154112_000000382061_00054_28665_0188.N1	24-AUG-2007 15:41:12	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28665	No
170	GOM_NL__2PRFIN20070824_154837_000000362061_00054_28665_0189.N1	24-AUG-2007 15:48:37	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28665	No
171	GOM_NL__2PRFIN20070824_160517_000000352061_00054_28665_0190.N1	24-AUG-2007 16:05:17	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28665	No
172	GOM_NL__2PRFIN20070824_161205_000000392061_00054_28665_0191.N1	24-AUG-2007 16:12:05	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28665	No
173	GOM_NL__2PRFIN20070824_161955_000000452061_00054_28665_0192.N1	24-AUG-2007 16:19:55	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28665	No
174	GOM_NL__2PRFIN20070824_162123_000000382061_00054_28665_0193.N1	24-AUG-2007 16:21:23	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	28665	No
175	GOM_NL__2PRFIN20070824_162251_000000422061_00054_28665_0194.N1	24-AUG-2007 16:22:51	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28665	No
176	GOM_NL__2PRFIN20070824_162438_000000422061_00054_28665_0195.N1	24-AUG-2007 16:24:38	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28665	No
177	GOM_NL__2PRFIN20070824_162940_000000522061_00054_28665_0196.N1	24-AUG-2007 16:29:40	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28665	No
178	GOM_NL__2PRFIN20070824_164051_000000452061_00055_28666_0197.N1	24-AUG-2007 16:40:51	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28666	No
179	GOM_NL__2PRFIN20070824_164553_000000392061_00055_28666_0198.N1	24-AUG-2007 16:45:53	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28666	No
180	GOM_NL__2PRFIN20070824_164931_000000392061_00055_28666_0199.N1	24-AUG-2007 16:49:31	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28666	No
181	GOM_NL__2PRFIN20070824_165224_000000382061_00055_28666_0200.N1	24-AUG-2007 16:52:24	Straylight	38.000	172	Gam Gru	3.0030	13100.	76	28666	No
182	GOM_NL__2PRFIN20070824_165842_000000462061_00055_28666_0201.N1	24-AUG-2007 16:58:42	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28666	No
183	GOM_NL__2PRFIN20070824_170157_000000402061_00055_28666_0202.N1	24-AUG-2007 17:01:57	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28666	No
184	GOM_NL__2PRFIN20070824_171324_000000382061_00055_28666_0203.N1	24-AUG-2007 17:13:24	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28666	No
185	GOM_NL__2PRFIN20070824_171509_000000352061_00055_28666_0204.N1	24-AUG-2007 17:15:09	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28666	No
186	GOM_NL__2PRFIN20070824_171636_000000382061_00055_28666_0205.N1	24-AUG-2007 17:16:36	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	28666	No
187	GOM_NL__2PRFIN20070824_172147_000000382061_00055_28666_0206.N1	24-AUG-2007 17:21:47	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28666	No
188	GOM_NL__2PRFIN20070824_172913_000000362061_00055_28666_0207.N1	24-AUG-2007 17:29:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28666	No
189	GOM_NL__2PRFIN20070824_174553_000000342061_00055_28666_0208.N1	24-AUG-2007 17:45:53	Bright	34.000	24	66Alp Gem	1.5800	10200.	68	28666	No
190	GOM_NL__2PRFIN20070824_175241_000000392061_00055_28666_0209.N1	24-AUG-2007 17:52:41	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28666	No
191	GOM_NL__2PRFIN20070824_180031_000000472061_00055_28666_0210.N1	24-AUG-2007 18:00:31	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28666	No
192	GOM_NL__2PRFIN20070824_180159_000000402061_00055_28666_0211.N1	24-AUG-2007 18:01:59	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28666	No
193	GOM_NL__2PRFIN20070824_180327_000000382061_00055_28666_0212.N1	24-AUG-2007 18:03:27	Dark	37.500	23	21Eps CMa	1.5020	26000.	75	28666	No
194	GOM_NL__2PRFIN20070824_180515_000000412061_00055_28666_0213.N1	24-AUG-2007 18:05:15	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28666	No
195	GOM_NL__2PRFIN20070824_181017_000000512061_00055_28666_0214.N1	24-AUG-2007 18:10:17	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	28666	No
196	GOM_NL__2PRFIN20070824_182127_000000462061_00056_28667_0208.N1	24-AUG-2007 18:21:27	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28667	No
197	GOM_NL__2PRFIN20070824_182630_000000382061_00056_28667_0209.N1	24-AUG-2007 18:26:30	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	28667	No
198	GOM_NL__2PRFIN20070824_183007_000000402061_00056_28667_0210.N1	24-AUG-2007 18:30:07	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28667	No
199	GOM_NL__2PRFIN20070824_183300_000000392061_00056_28667_0211.N1	24-AUG-2007 18:33:00	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28667	No
200	GOM_NL__2PRFIN20070824_183918_000000472061_00056_28667_0212.N1	24-AUG-2007 18:39:18	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	28667	No
201	GOM_NL__2PRFIN20070824_184233_000000392061_00056_28667_0213.N1	24-AUG-2007 18:42:33	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28667	No
202	GOM_NL__2PRFIN20070824_185400_000000352061_00056_28667_0214.N1	24-AUG-2007 18:54:00	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28667	No
203	GOM_NL__2PRFIN20070824_185545_000000362061_00056_28667_0215.N1	24-AUG-2007 18:55:45	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	28667	No
204	GOM_NL__2PRFIN20070824_185712_000000382061_00056_28667_0216.N1	24-AUG-2007 18:57:12	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	28667	No
205	GOM_NL__2PRFIN20070824_190223_000000382061_00056_28667_0217.N1	24-AUG-2007 19:02:23	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28667	No
206	GOM_NL__2PRFIN20070824_190949_000000362061_00056_28667_0218.N1	24-AUG-2007 19:09:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28667	No
207	GOM_NL__2PRFIN20070824_192630_000000362061_00056_28667_0219.N1	24-AUG-2007 19:26:30	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28667	No
208	GOM_NL__2PRFIN20070824_193317_000000392061_00056_28667_0220.N1	24-AUG-2007 19:33:17	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28667	No
209	GOM_NL__2PRFIN20070824_194108_000000472061_00056_28667_0221.N1	24-AUG-2007 19:41:08	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28667	No
210	GOM_NL__2PRFIN20070824_194236_000000402061_00056_28667_0222.N1	24-AUG-2007 19:42:36	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28667	No
211	GOM_NL__2PRFIN20070824_194404_000000422061_00056_28667_0223.N1	24-AUG-2007 19:44:04	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28667	No
212	GOM_NL__2PRFIN20070824_194551_000000392061_00056_28667_0224.N1	24-AUG-2007 19:45:51	Dark	39.000	117	Pi Pup	2.7060	3800.0	78	28667	No
213	GOM_NL__2PRFIN20070824_195053_000000522061_00056_28667_0225.N1	24-AUG-2007 19:50:53	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28667	No
214	GOM_NL__2PRFIN20070824_200204_000000472061_00057_28668_0222.N1	24-AUG-2007 20:02:04	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28668	No
215	GOM_NL__2PRFIN20070824_200706_000000472061_00057_28668_0223.N1	24-AUG-2007 20:07:06	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	28668	No
216	GOM_NL__2PRFIN20070824_201043_000000392061_00057_28668_0224.N1	24-AUG-2007 20:10:43	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	28668	No
217	GOM_NL__2PRFIN20070824_201337_000000402061_00057_28668_0225.N1	24-AUG-2007 20:13:37	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28668	No
218	GOM_NL__2PRFIN20070824_201954_000000482061_00057_28668_0226.N1	24-AUG-2007 20:19:54	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28668	No
219	GOM_NL__2PRFIN20070824_202309_000000402061_00057_28668_0227.N1	24-AUG-2007 20:23:09	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28668	No

220	GOM_NL__2PRFIN20070824_203436_000000372061_00057_28668_0228.N1	24-AUG-2007 20:34:36	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28668	No
221	GOM_NL__2PRFIN20070824_203621_000000342061_00057_28668_0229.N1	24-AUG-2007 20:36:21	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	28668	No
222	GOM_NL__2PRFIN20070824_203748_000000372061_00057_28668_0230.N1	24-AUG-2007 20:37:48	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28668	No
223	GOM_NL__2PRFIN20070824_204259_000000372061_00057_28668_0231.N1	24-AUG-2007 20:42:59	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28668	No
224	GOM_NL__2PRFIN20070824_205025_000000372061_00057_28668_0232.N1	24-AUG-2007 20:50:25	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28668	No
225	GOM_NL__2PRFIN20070824_210706_000000352061_00057_28668_0233.N1	24-AUG-2007 21:07:06	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28668	No
226	GOM_NL__2PRFIN20070824_211353_000000392061_00057_28668_0234.N1	24-AUG-2007 21:13:53	Twilight	39.000	153	3Bet CMi	2.8940	13100.	78	28668	No
227	GOM_NL__2PRFIN20070824_212144_000000442061_00057_28668_0235.N1	24-AUG-2007 21:21:44	Dark	43.500	1	9Alp CMa	-1.4400	11000.	87	28668	No
228	GOM_NL__2PRFIN20070824_212312_000000402061_00057_28668_0236.N1	24-AUG-2007 21:23:12	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	28668	No
229	GOM_NL__2PRFIN20070824_212440_000000412061_00057_28668_0237.N1	24-AUG-2007 21:24:40	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	28668	No
230	GOM_NL__2PRFIN20070824_212627_000000432061_00057_28668_0238.N1	24-AUG-2007 21:26:27	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28668	No
231	GOM_NL__2PRFIN20070824_213129_000000532061_00057_28668_0239.N1	24-AUG-2007 21:31:29	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28668	No
232	GOM_NL__2PRFIN20070824_214240_000000452061_00058_28669_0256.N1	24-AUG-2007 21:42:40	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28669	No
233	GOM_NL__2PRFIN20070824_214742_000000382061_00058_28669_0257.N1	24-AUG-2007 21:47:42	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	28669	No
234	GOM_NL__2PRFIN20070824_215119_000000422061_00058_28669_0258.N1	24-AUG-2007 21:51:19	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28669	No
235	GOM_NL__2PRFIN20070824_215413_000000402061_00058_28669_0259.N1	24-AUG-2007 21:54:13	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28669	No
236	GOM_NL__2PRFIN20070824_220030_000000442061_00058_28669_0260.N1	24-AUG-2007 22:00:30	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	28669	No
237	GOM_NL__2PRFIN20070824_220345_000000402061_00058_28669_0261.N1	24-AUG-2007 22:03:45	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	28669	No
238	GOM_NL__2PRFIN20070824_221512_000000352061_00058_28669_0262.N1	24-AUG-2007 22:15:12	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28669	No
239	GOM_NL__2PRFIN20070824_221657_000000332061_00058_28669_0263.N1	24-AUG-2007 22:16:57	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	28669	No
240	GOM_NL__2PRFIN20070824_221824_000000372061_00058_28669_0264.N1	24-AUG-2007 22:18:24	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28669	No
241	GOM_NL__2PRFIN20070824_222335_000000382061_00058_28669_0265.N1	24-AUG-2007 22:23:35	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28669	No
242	GOM_NL__2PRFIN20070824_223101_000000362061_00058_28669_0266.N1	24-AUG-2007 22:31:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28669	No
243	GOM_NL__2PRFIN20070824_224742_000000352061_00058_28669_0267.N1	24-AUG-2007 22:47:42	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	28669	No
244	GOM_NL__2PRFIN20070824_225429_000000402061_00058_28669_0268.N1	24-AUG-2007 22:54:29	Twilight	40.000	153	3Bet CMi	2.8940	13100.	80	28669	No
245	GOM_NL__2PRFIN20070824_230221_000000532061_00058_28669_0269.N1	24-AUG-2007 23:02:21	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28669	No
246	GOM_NL__2PRFIN20070824_230348_000000392061_00058_28669_0270.N1	24-AUG-2007 23:03:48	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28669	No
247	GOM_NL__2PRFIN20070824_230516_000000422061_00058_28669_0271.N1	24-AUG-2007 23:05:16	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28669	No
248	GOM_NL__2PRFIN20070824_230703_000000422061_00058_28669_0272.N1	24-AUG-2007 23:07:03	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	28669	No
249	GOM_NL__2PRFIN20070824_231205_000000452061_00058_28669_0273.N1	24-AUG-2007 23:12:05	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28669	No
250	GOM_NL__2PRFIN20070824_232317_000000452061_00059_28670_0266.N1	24-AUG-2007 23:23:17	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28670	No
251	GOM_NL__2PRFIN20070824_232818_000000402061_00059_28670_0267.N1	24-AUG-2007 23:28:18	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28670	No
252	GOM_NL__2PRFIN20070824_233155_000000412061_00059_28670_0268.N1	24-AUG-2007 23:31:55	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28670	No
253	GOM_NL__2PRFIN20070824_233449_000000392061_00059_28670_0269.N1	24-AUG-2007 23:34:49	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28670	No
254	GOM_NL__2PRFIN20070824_234106_000000512061_00059_28670_0270.N1	24-AUG-2007 23:41:06	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	28670	No
255	GOM_NL__2PRFIN20070824_234421_000000392061_00059_28670_0271.N1	24-AUG-2007 23:44:21	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	28670	No
256	GOM_NL__2PRFIN20070824_235548_000000362061_00059_28670_0272.N1	24-AUG-2007 23:55:48	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28670	No
257	GOM_NL__2PRFIN20070824_235733_000000352061_00059_28670_0273.N1	24-AUG-2007 23:57:33	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28670	No
258	GOM_NL__2PRFIN20070824_235900_000000382061_00059_28670_0274.N1	24-AUG-2007 23:59:00	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	28670	No

3. Quality information per product

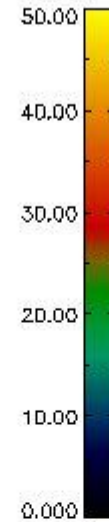
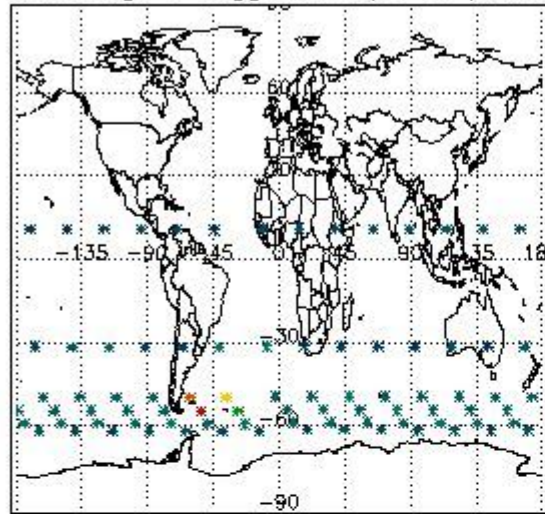
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

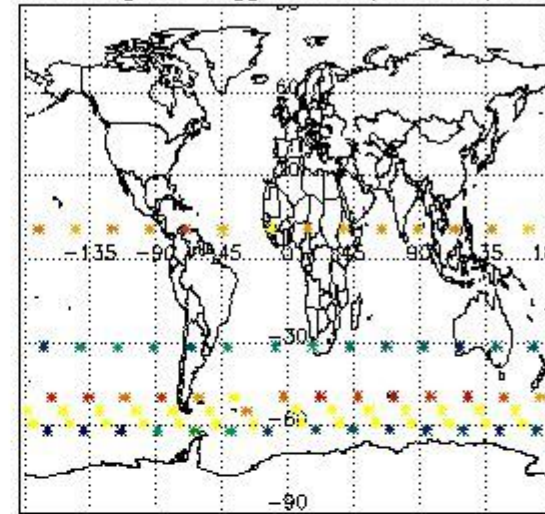


3.2 Plot quality information per product (world map)

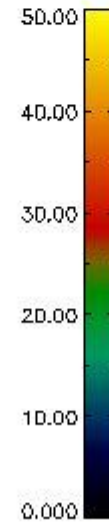
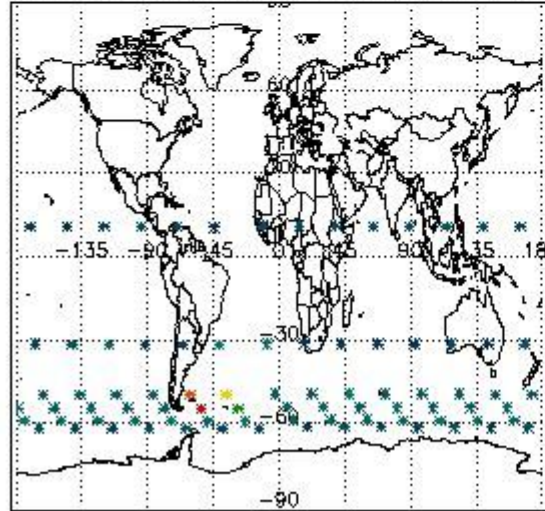
Percentage of flagged data per O3 profile



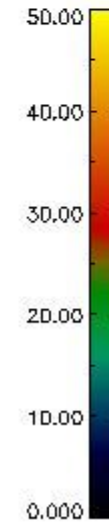
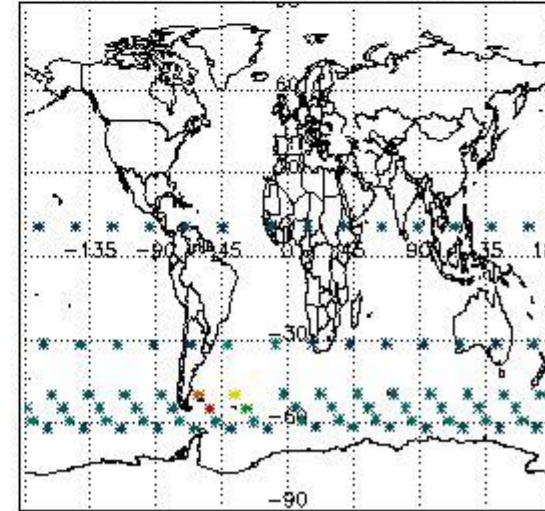
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

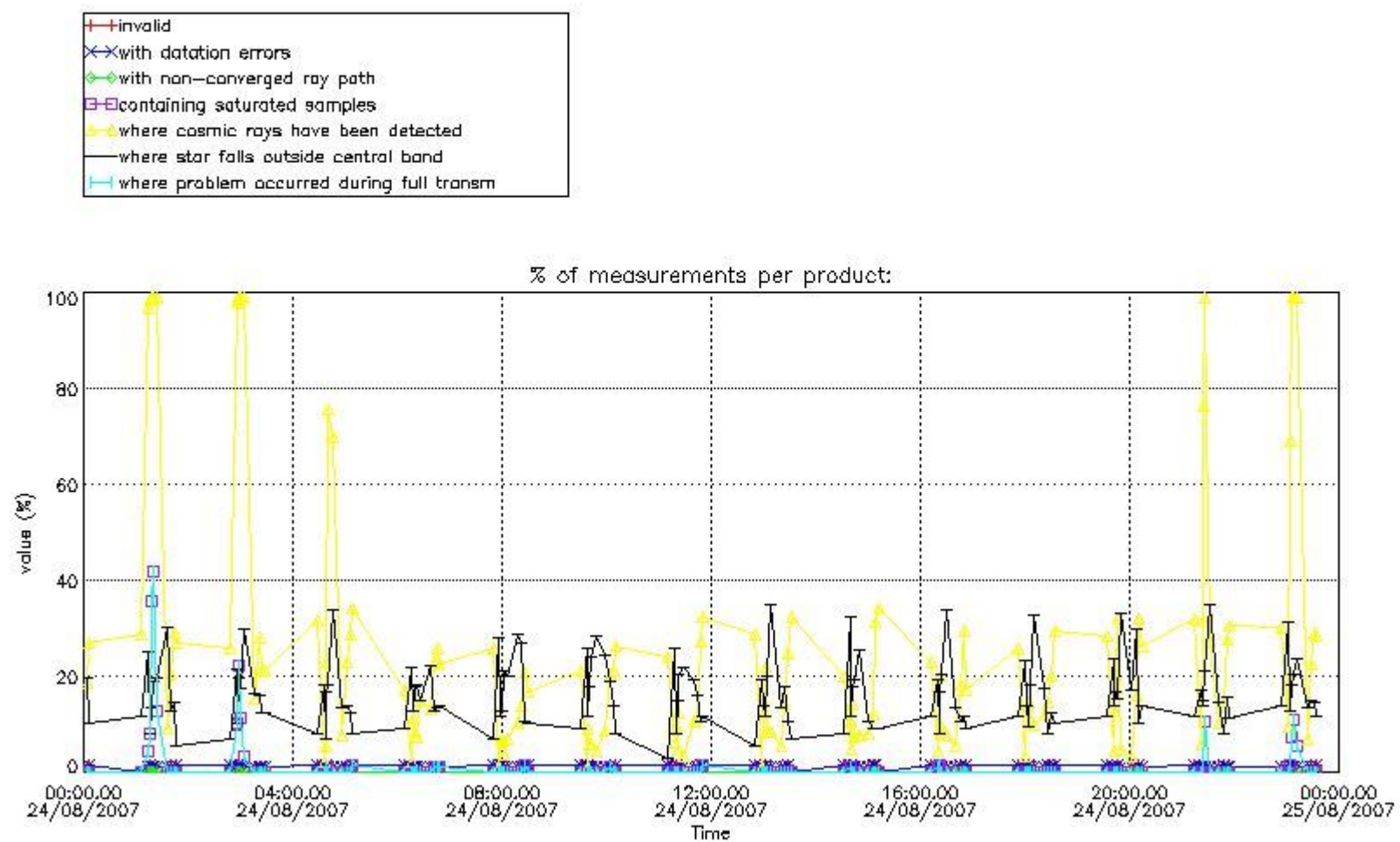


4. Level 1 quality information per product

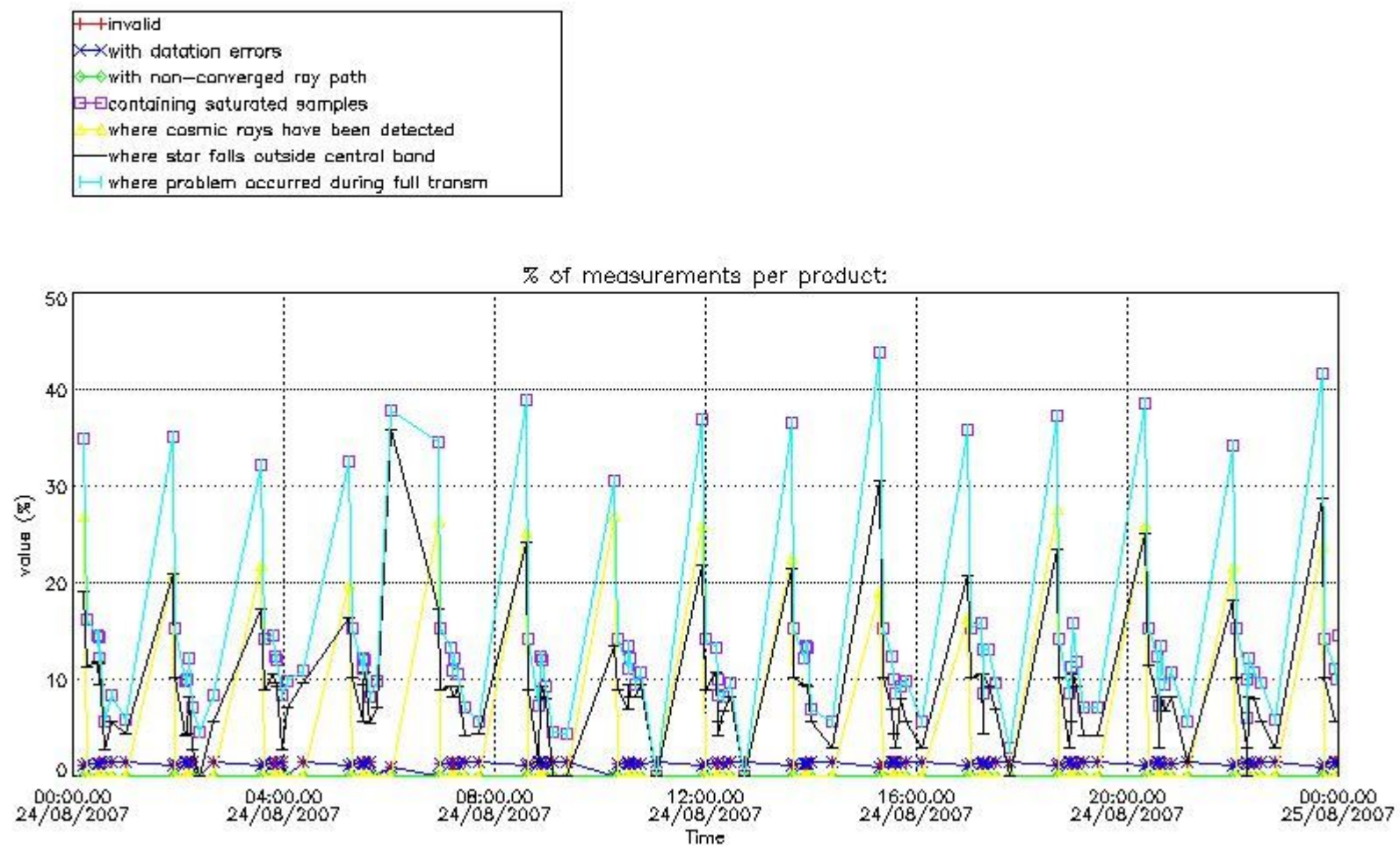
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



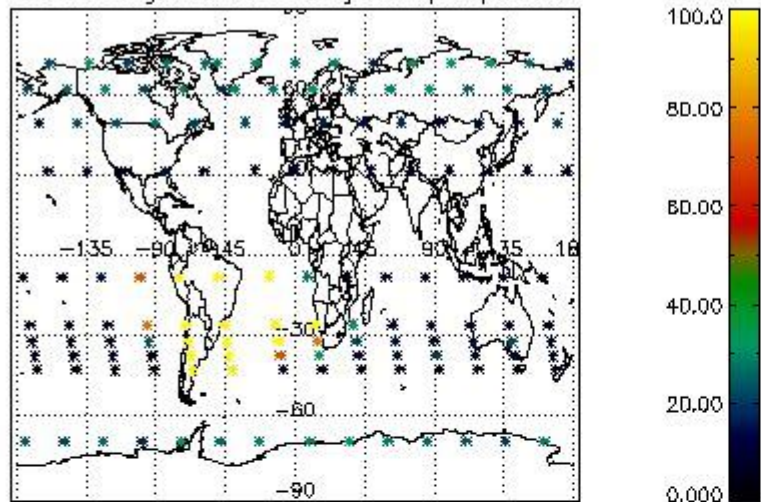
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



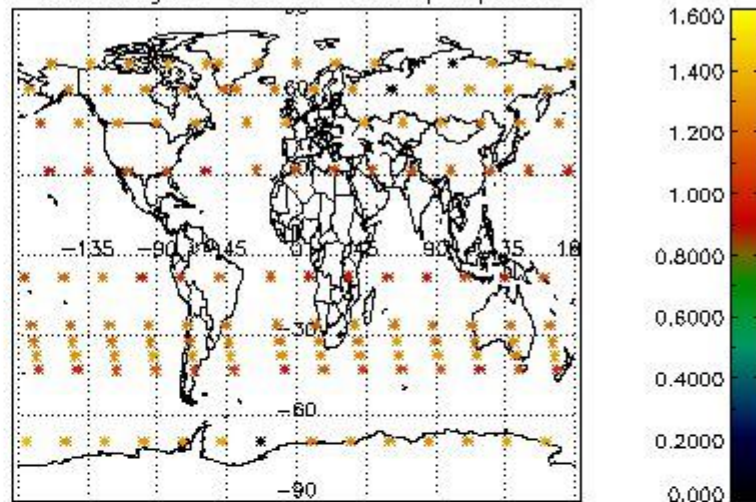
4.2 Plot quality information per product coming from level 1b processing (world map)

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

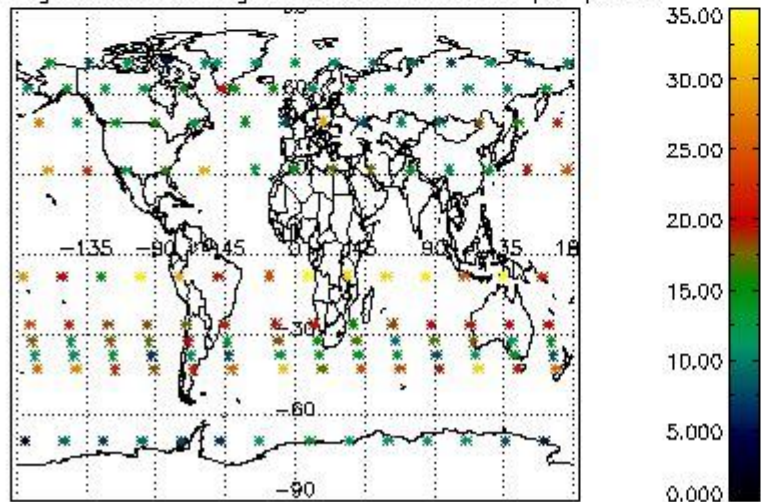
Percentage of cosmic ray hits per profile



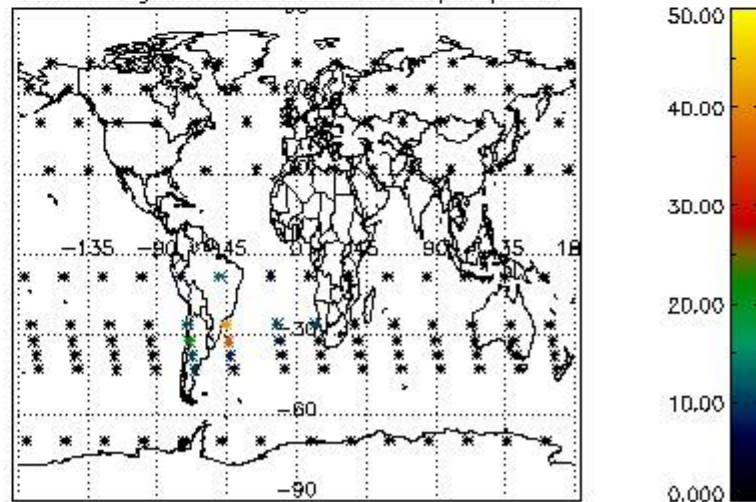
Percentage of datation errors per profile



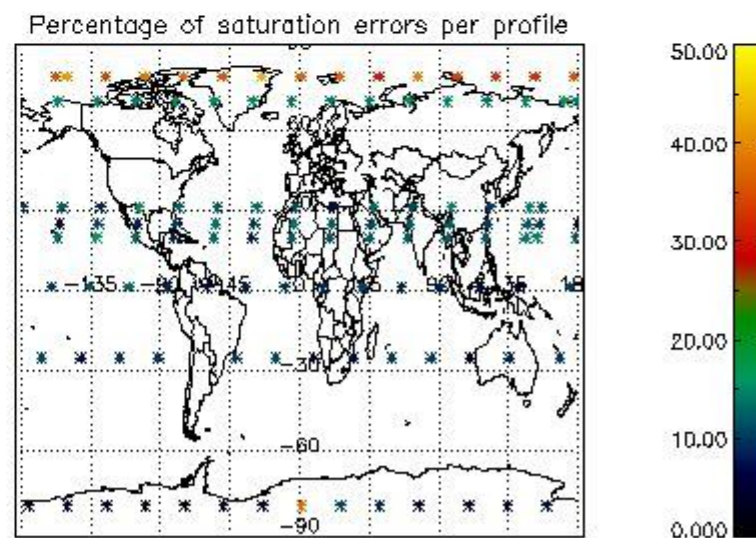
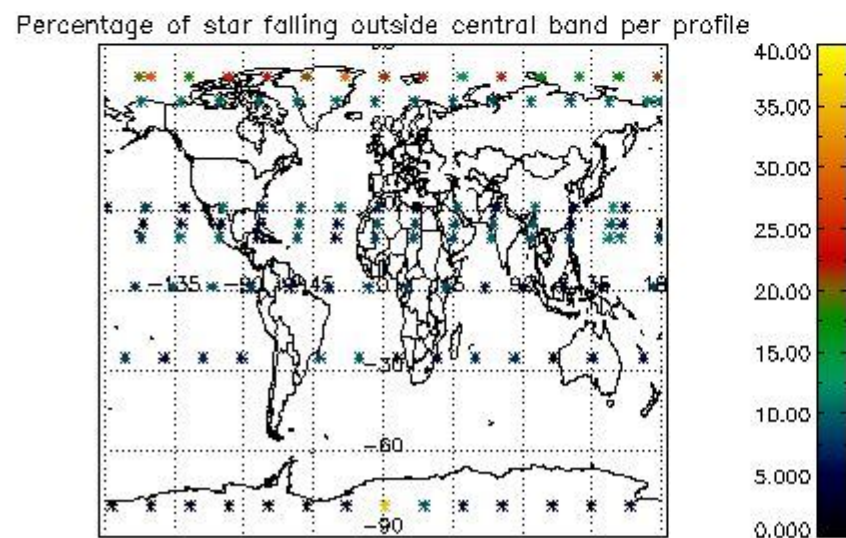
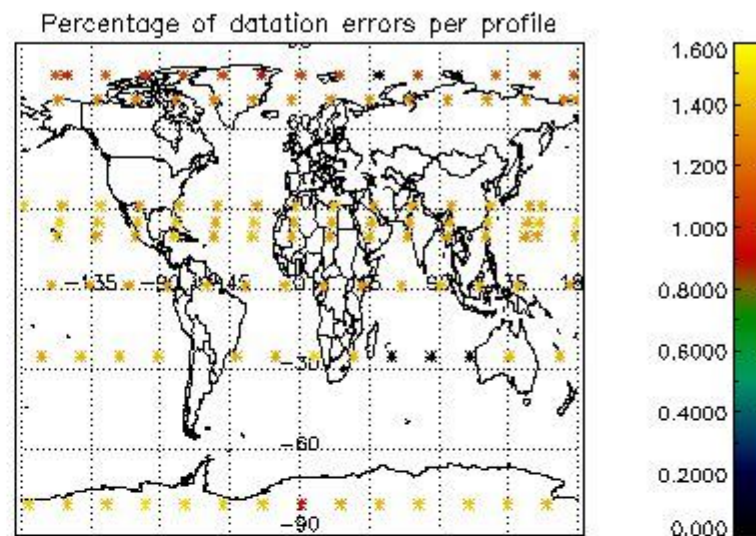
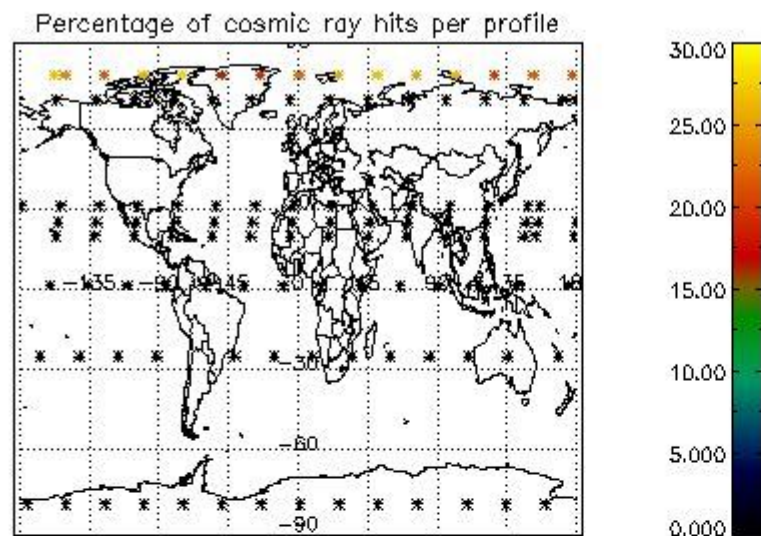
Percentage of star falling outside central band per profile



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

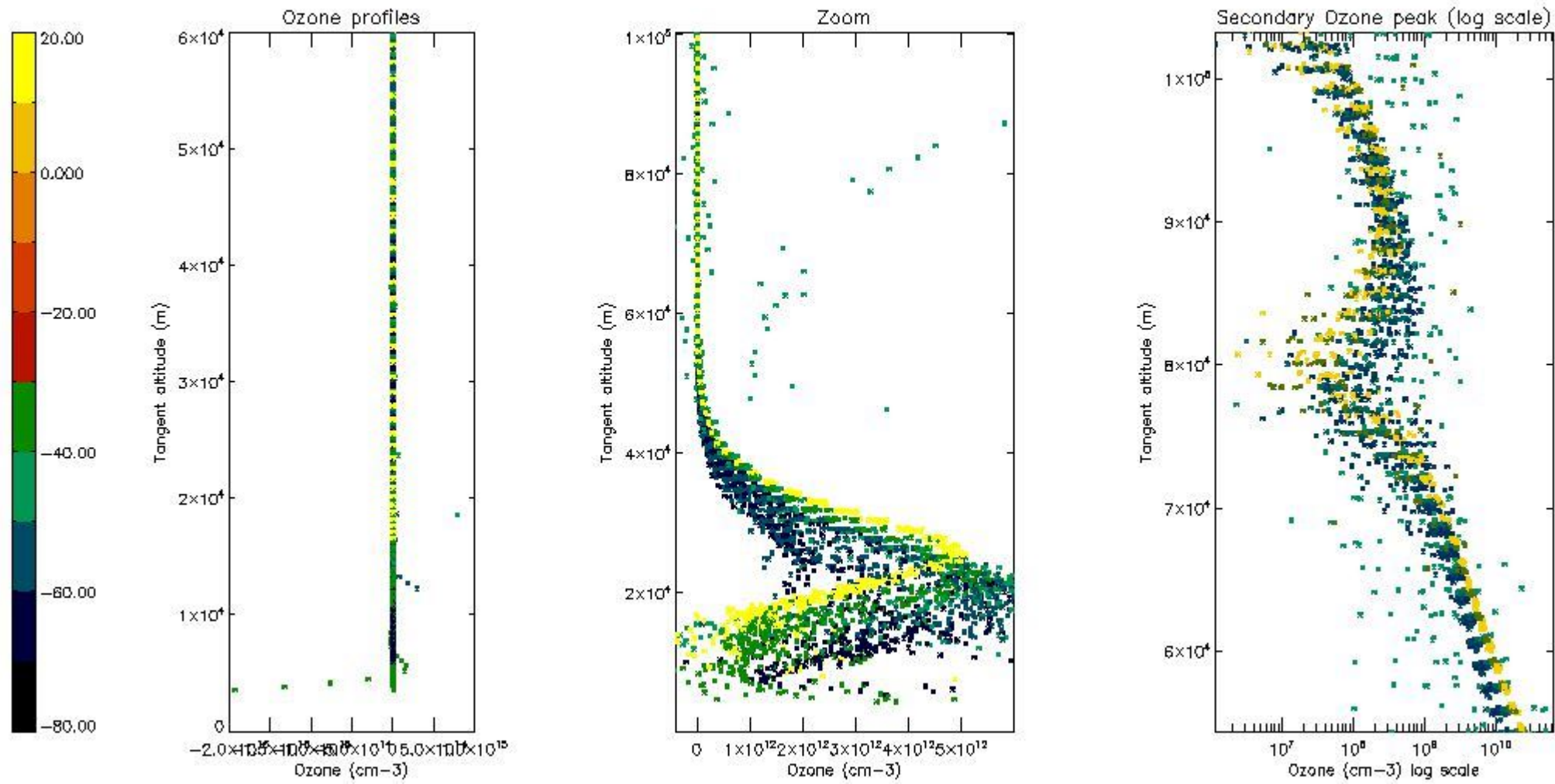
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	24

STD < 10	20
STD < 5	16

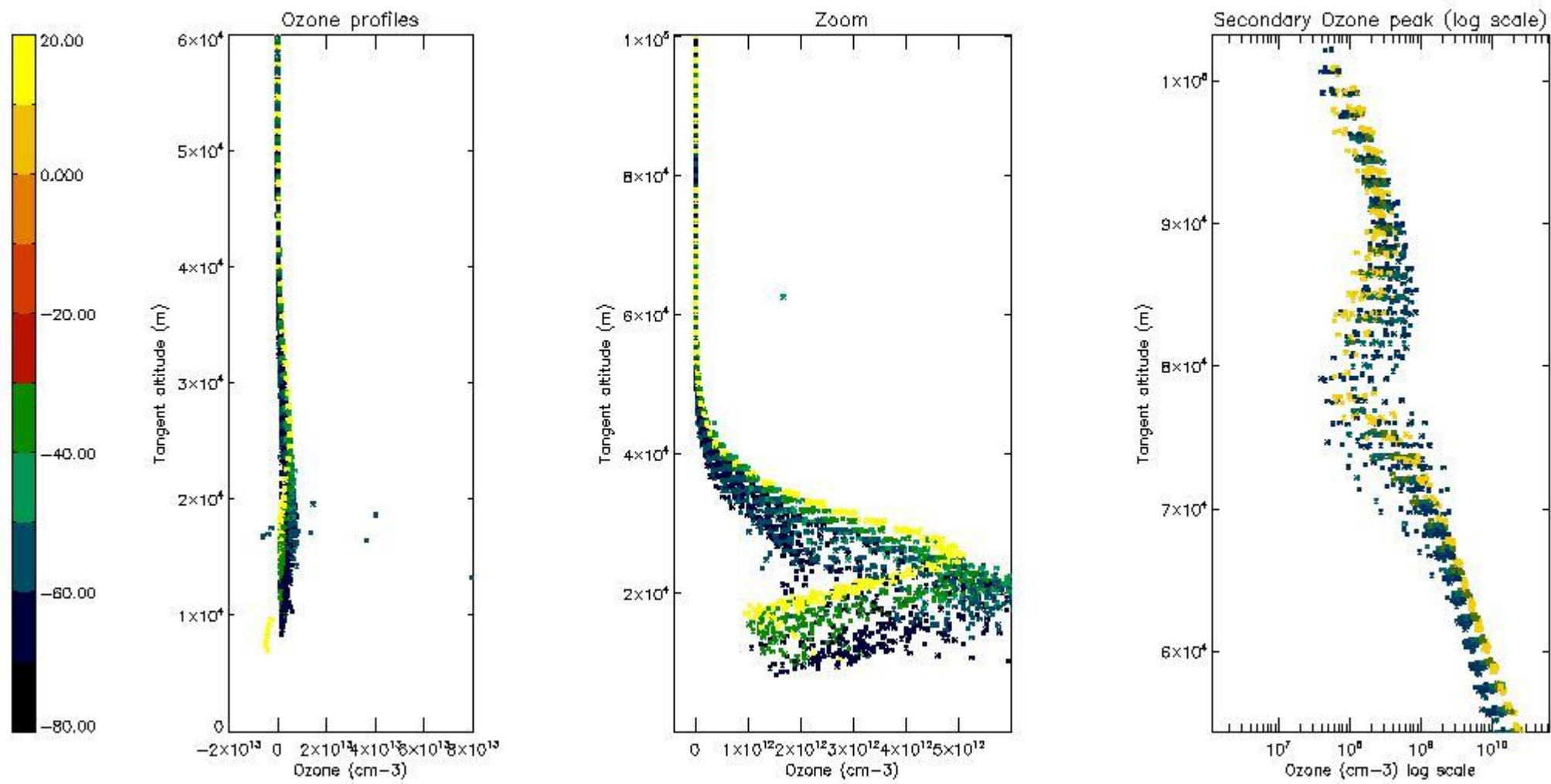
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



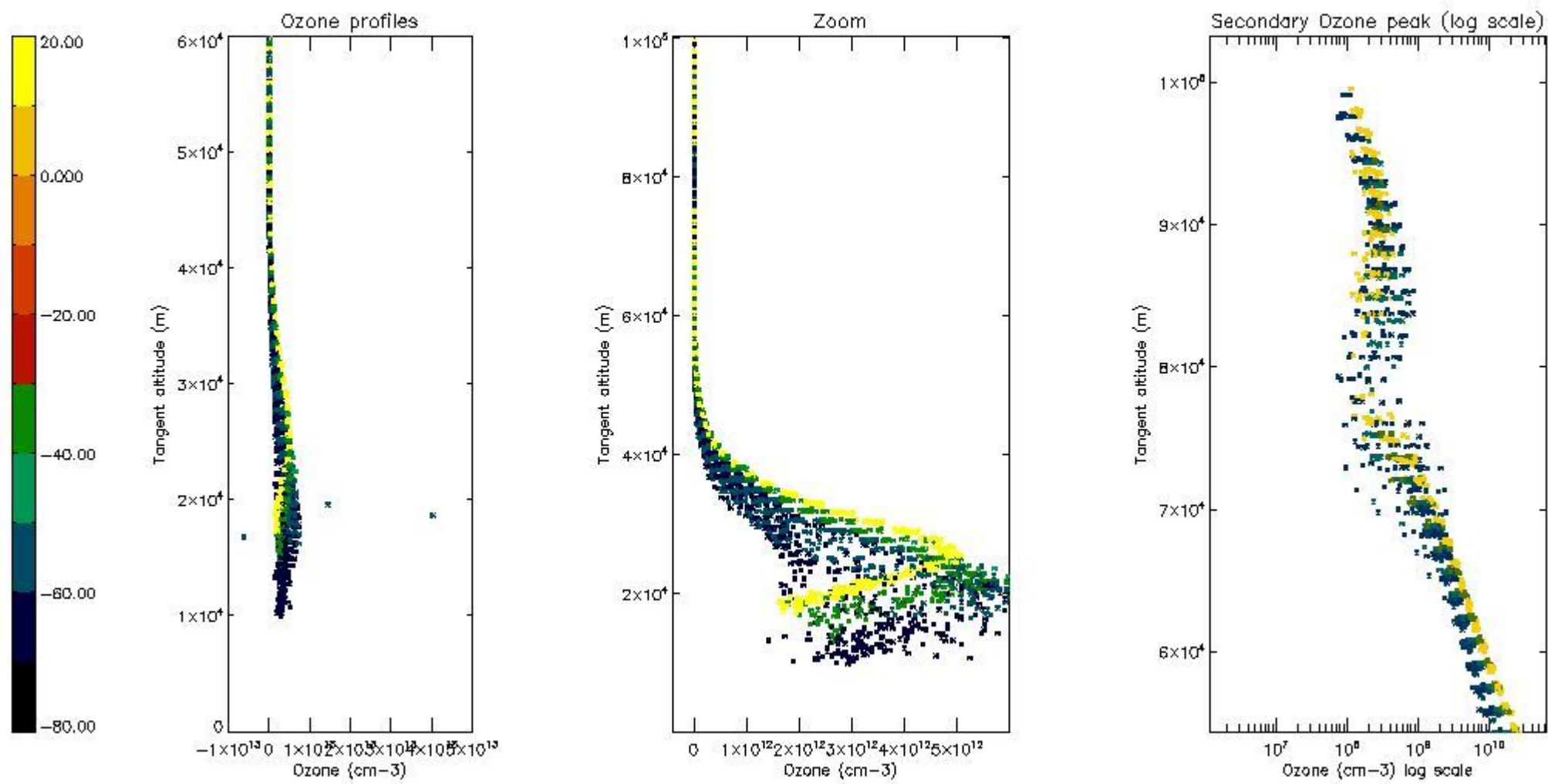
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



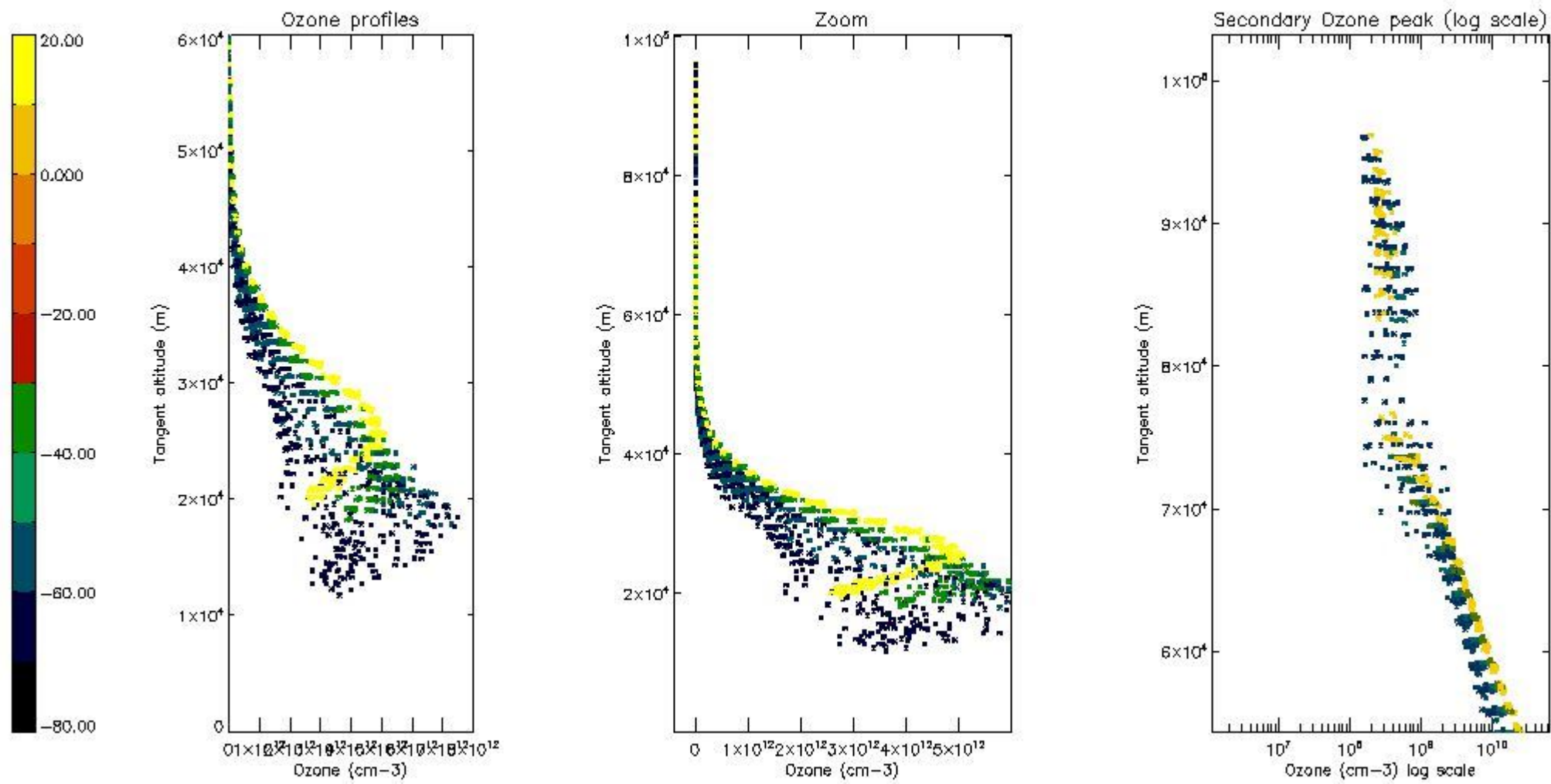
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



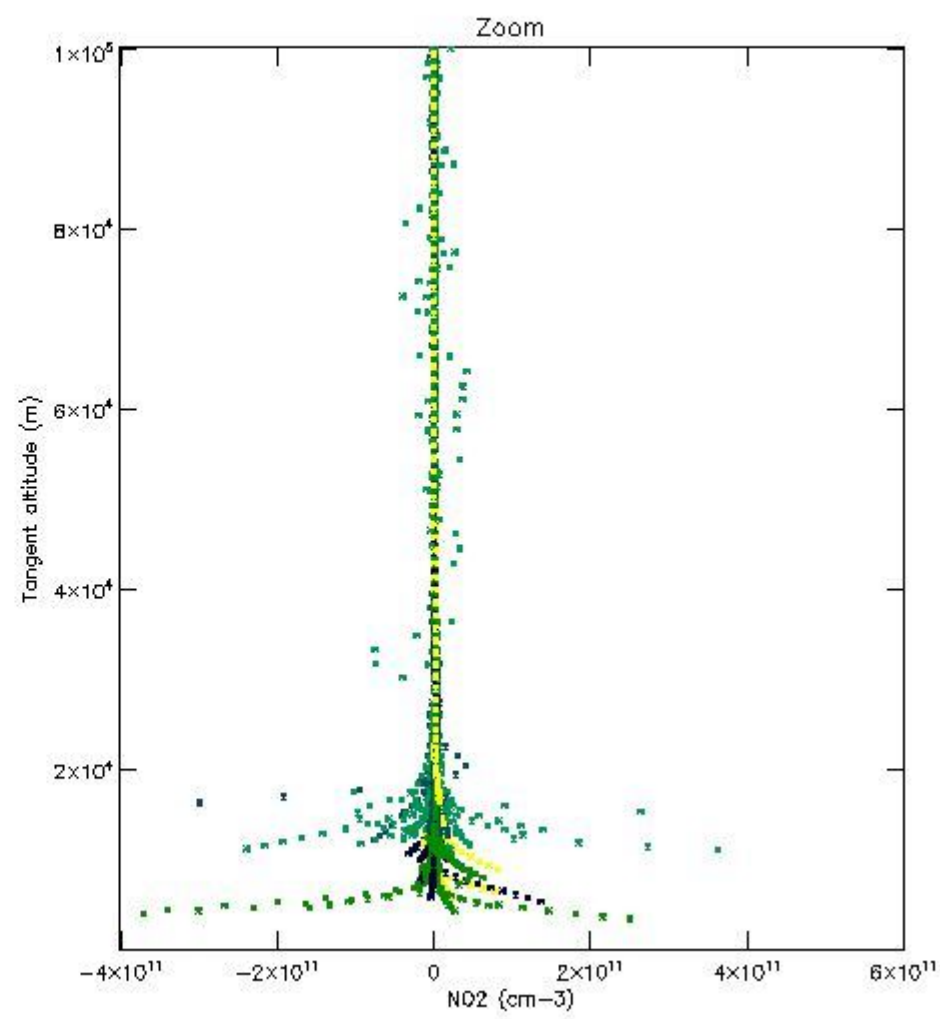
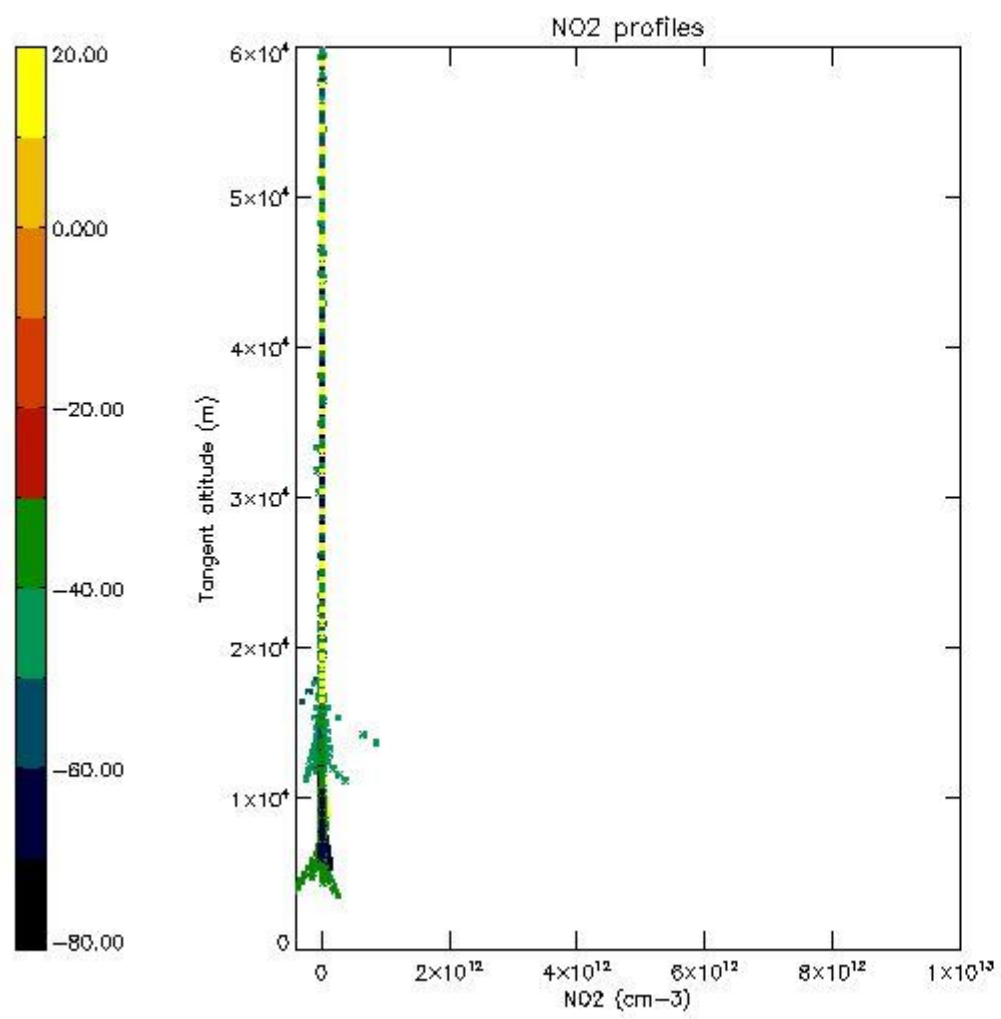
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



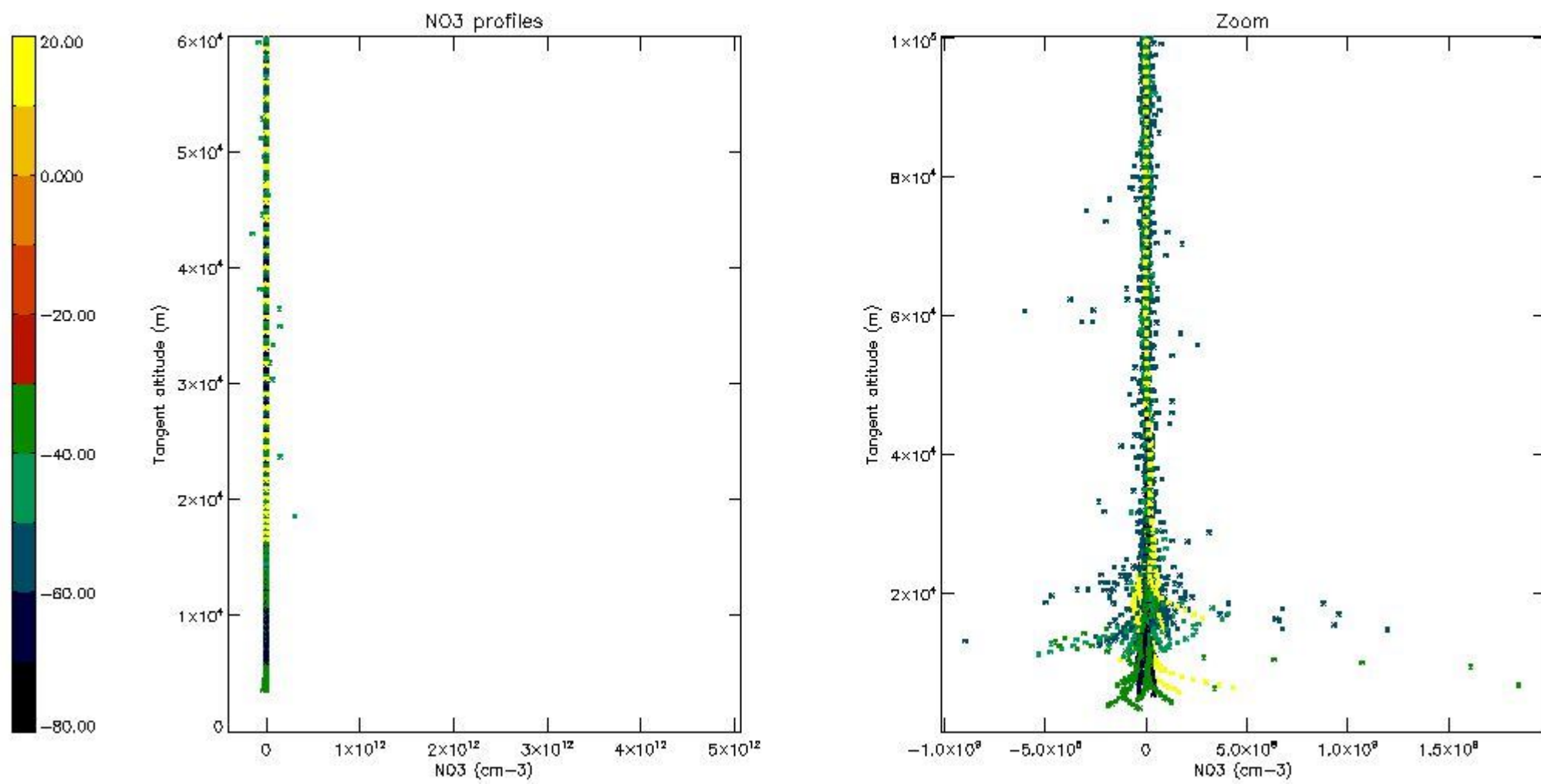
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



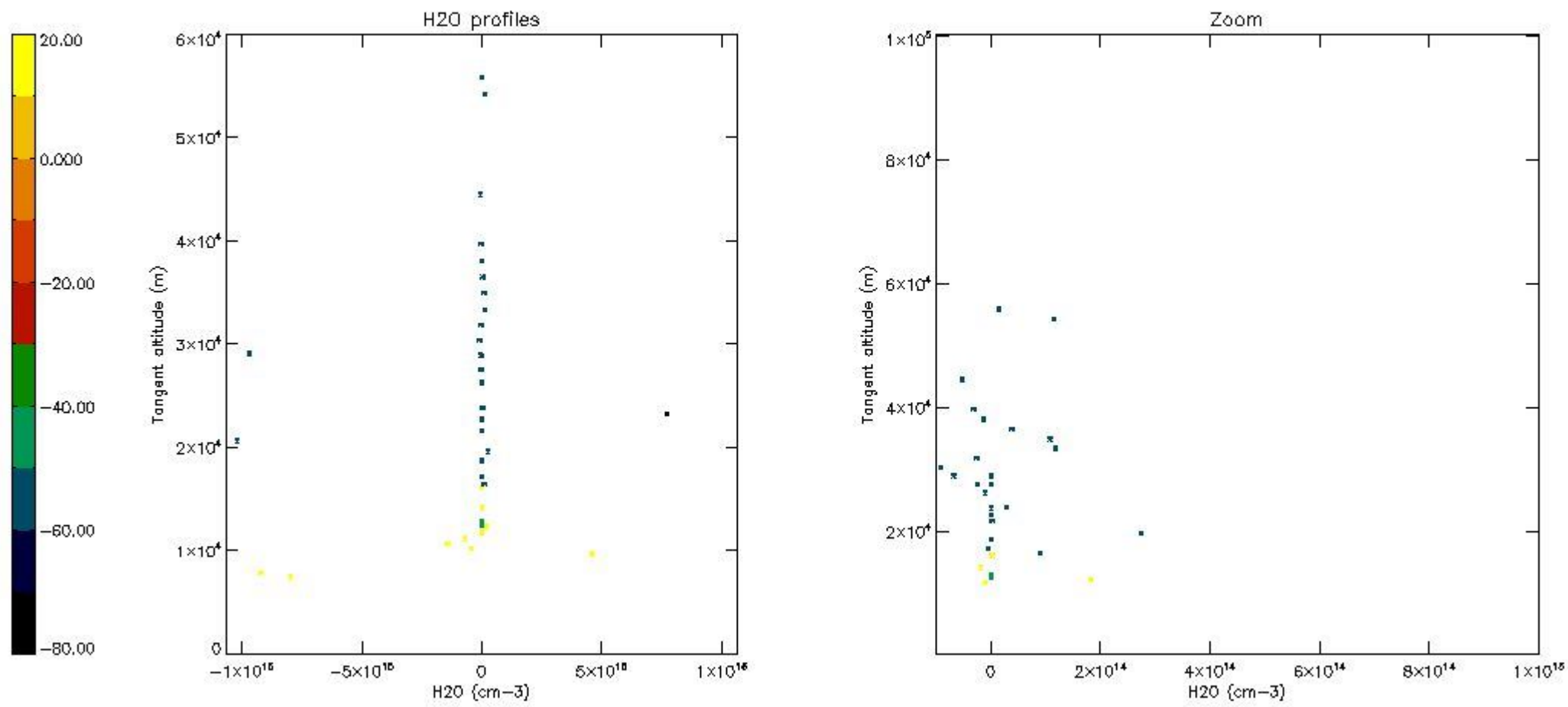
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

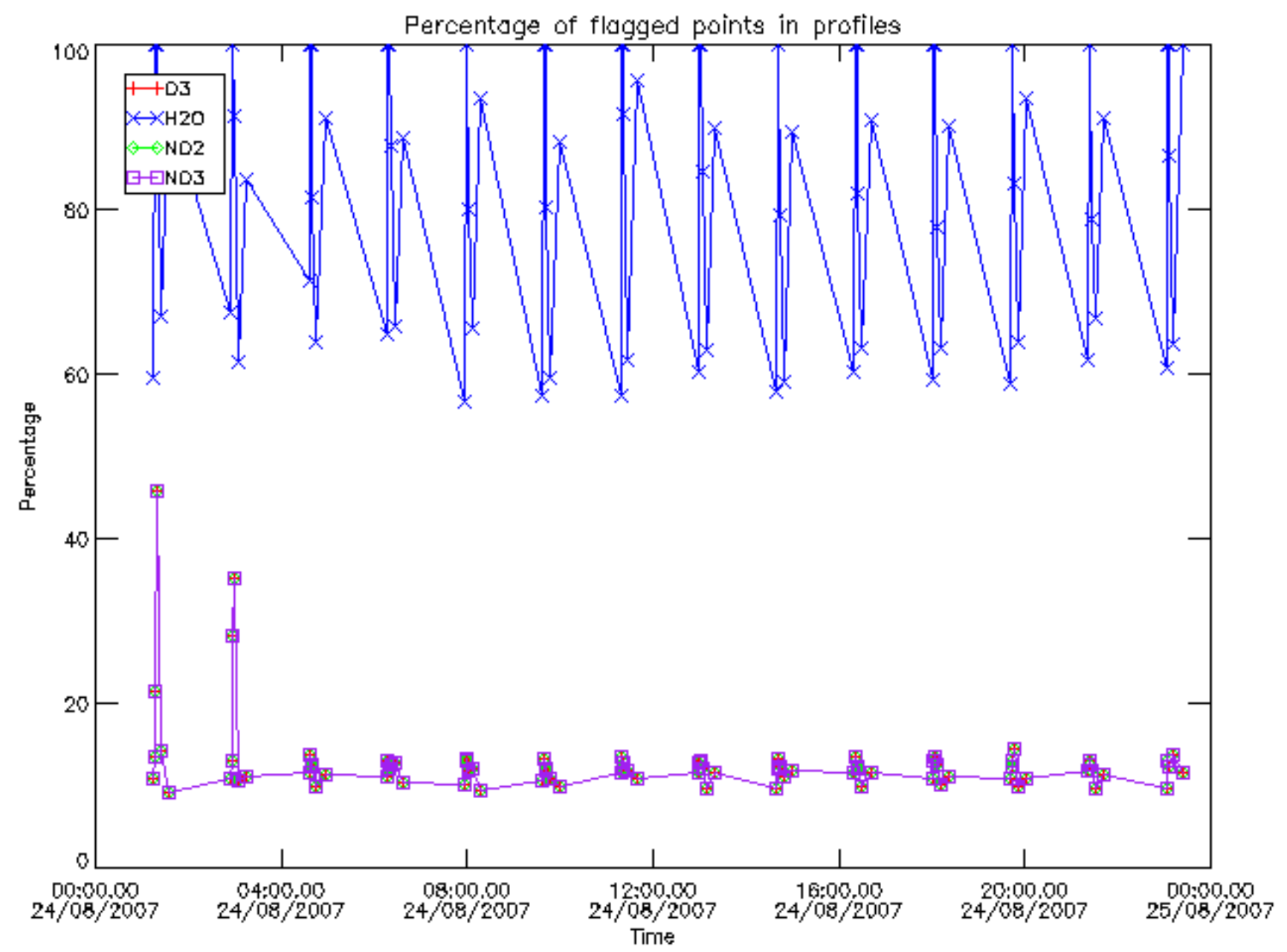
The colorbar represents the latitude.



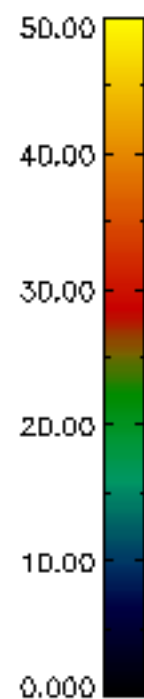
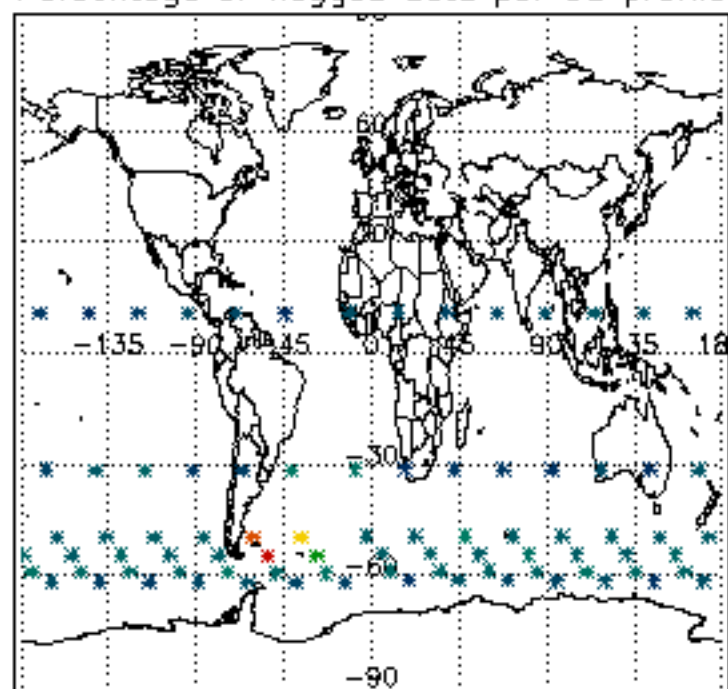
6. Auxiliary Data Files used for the production reported in section 2

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

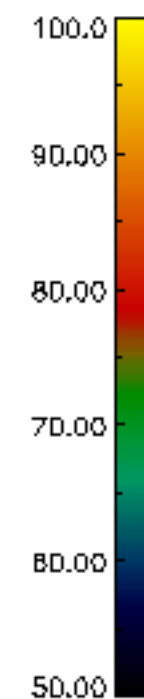
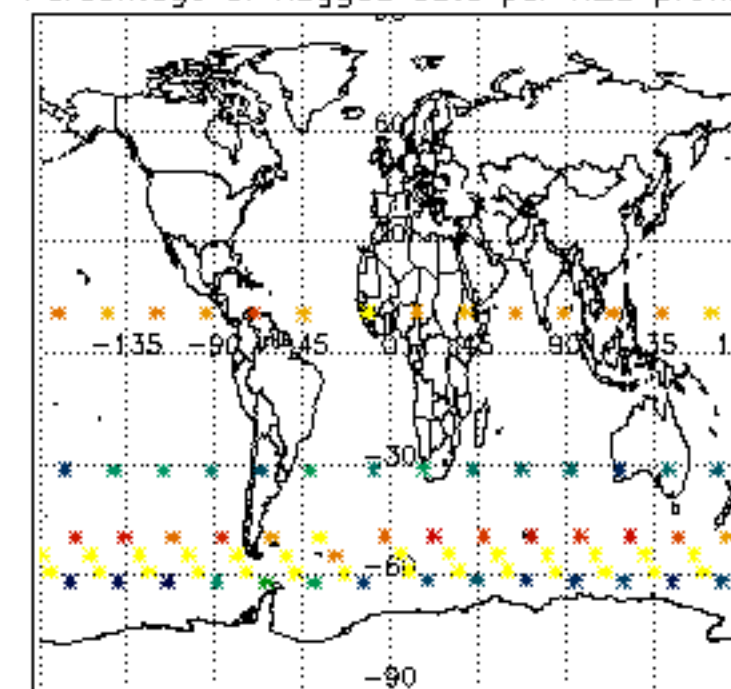
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-AUG-2007 00:03:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-AUG-2007 00:03:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-AUG-2007 00:03:28



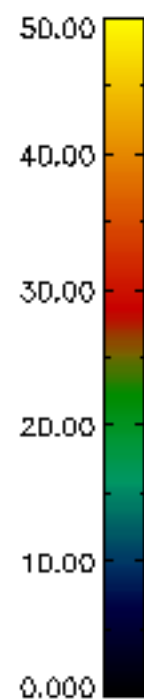
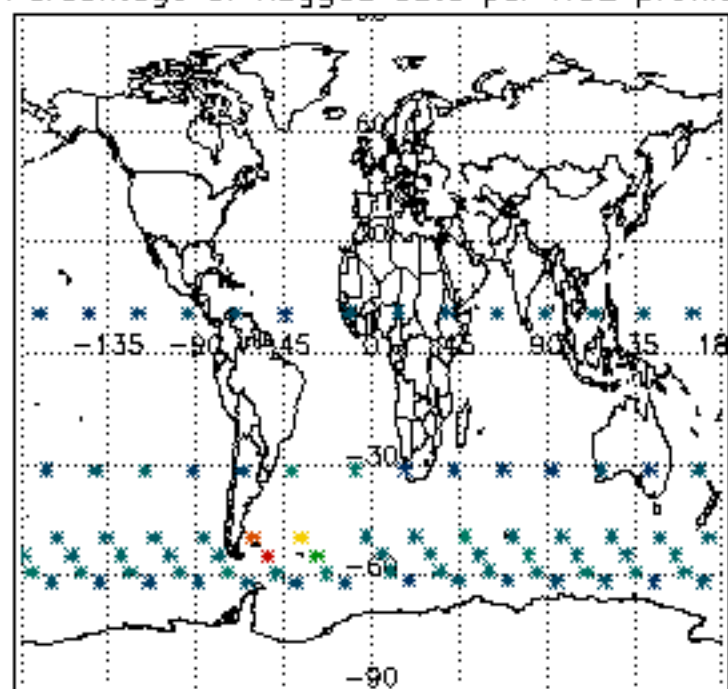
Percentage of flagged data per D3 profile



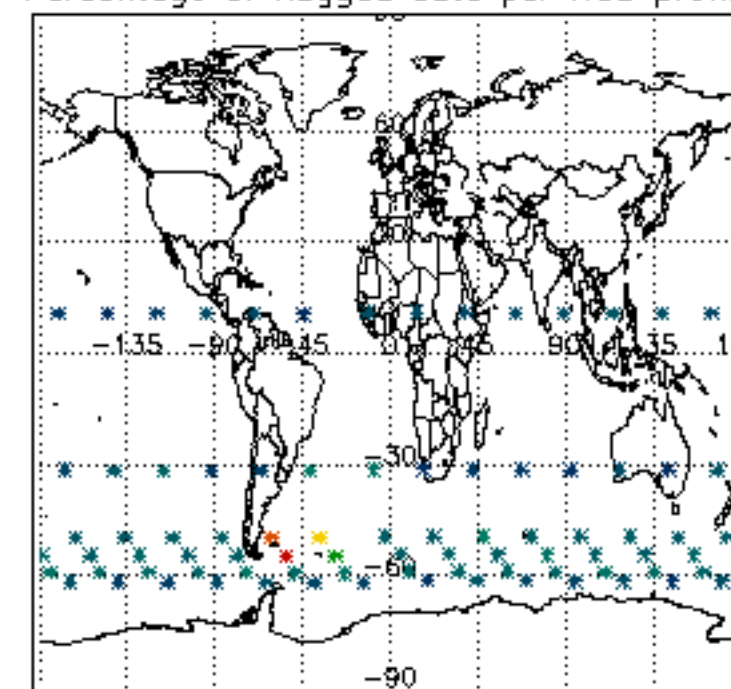
Percentage of flagged data per H2O profile

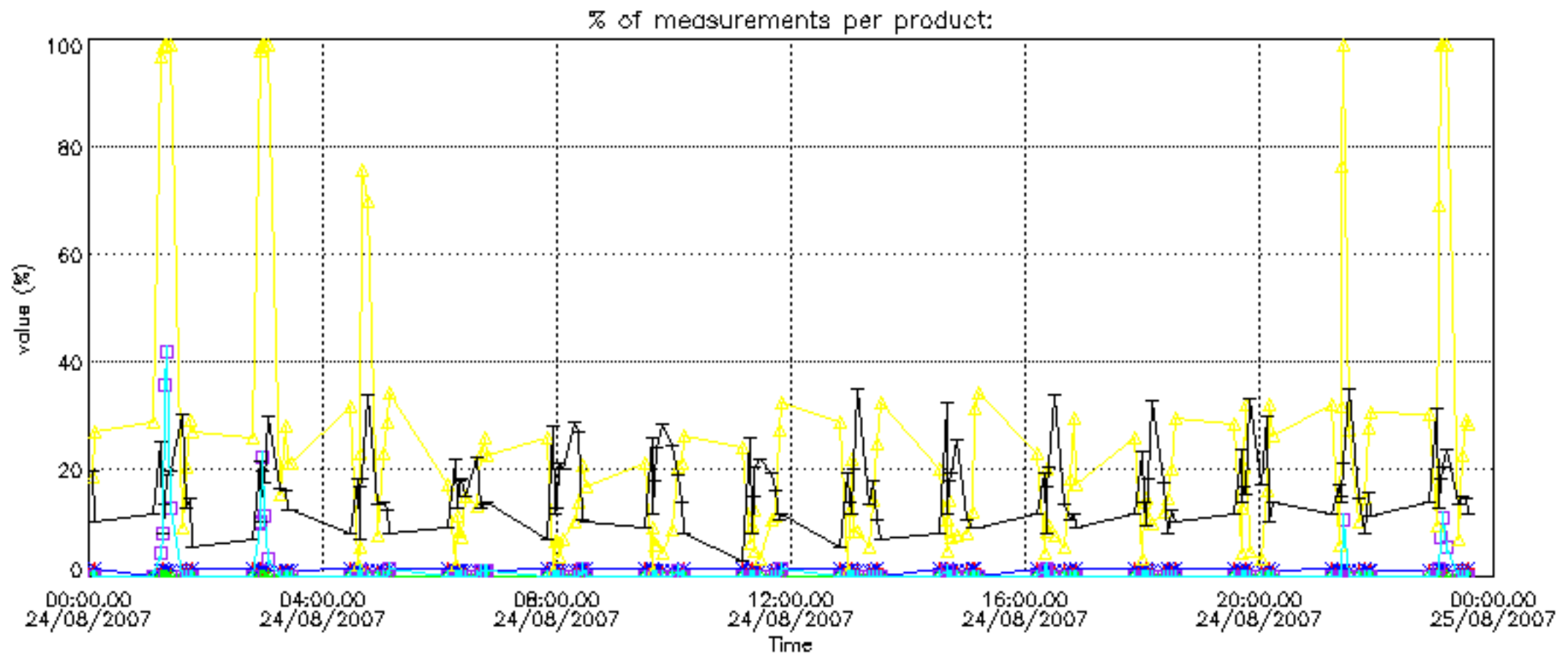


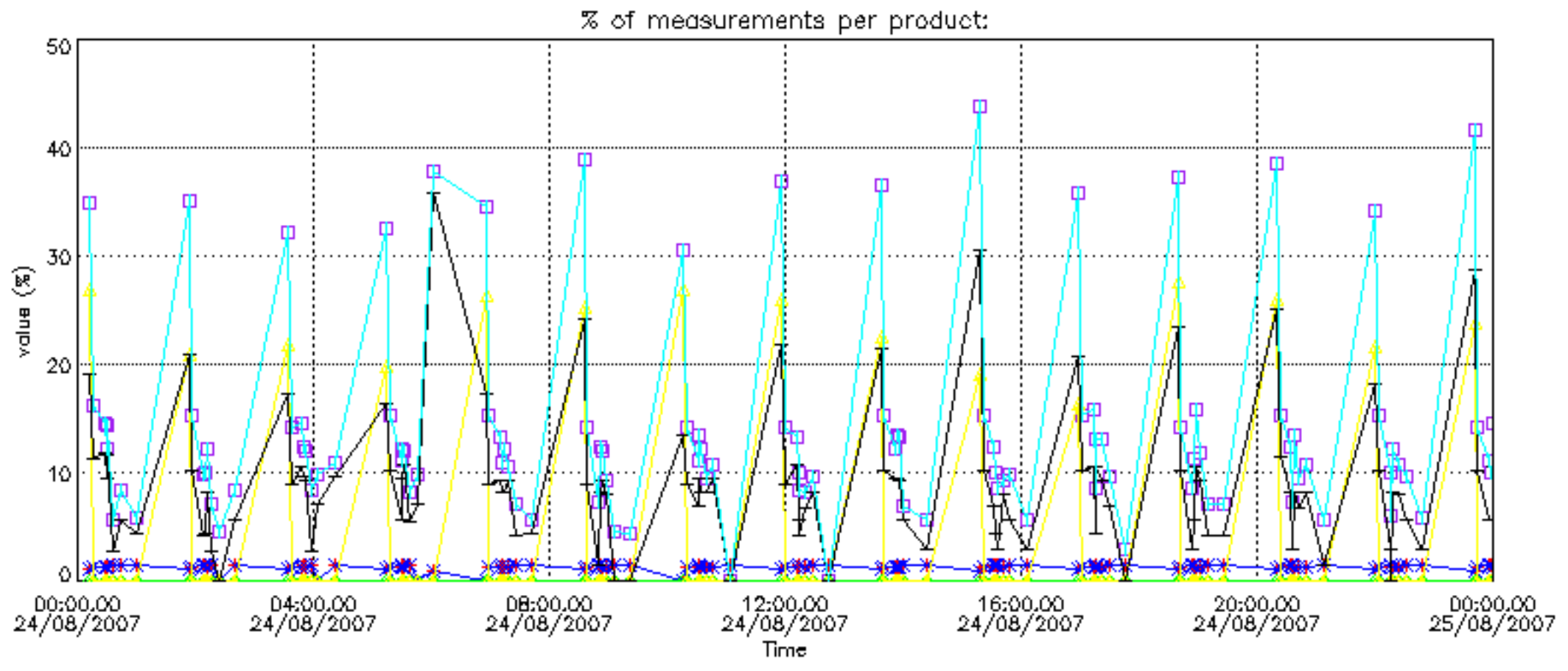
Percentage of flagged data per NO2 profile



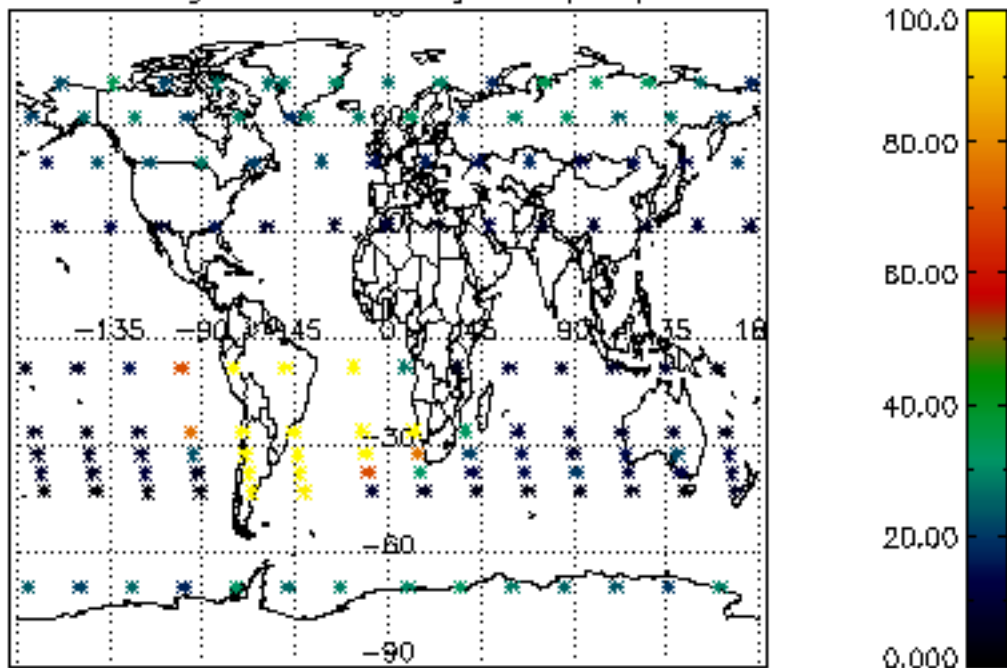
Percentage of flagged data per NO3 profile



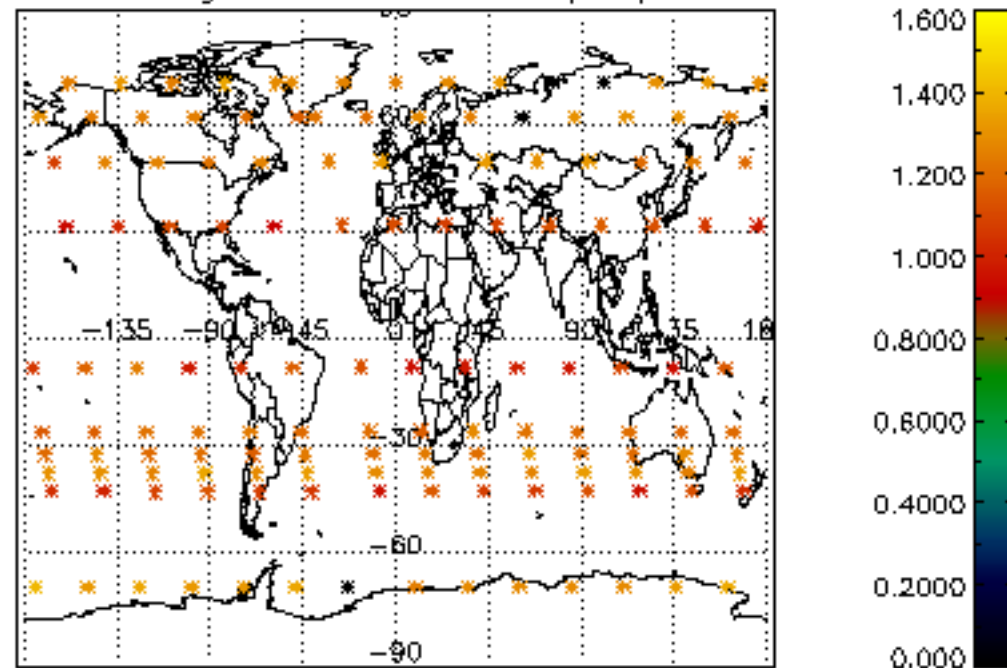




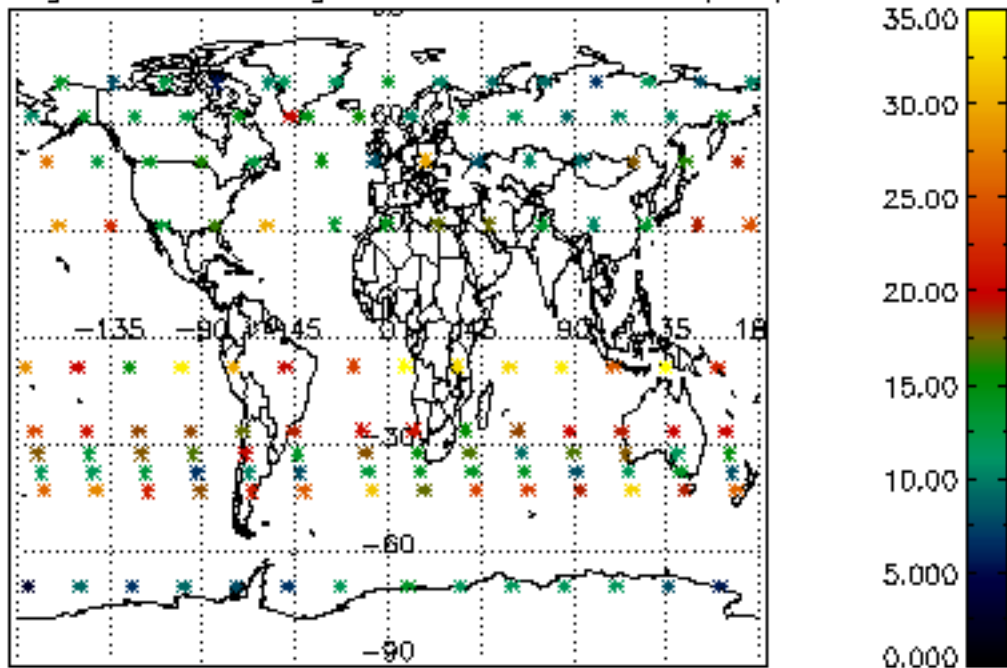
Percentage of cosmic ray hits per profile



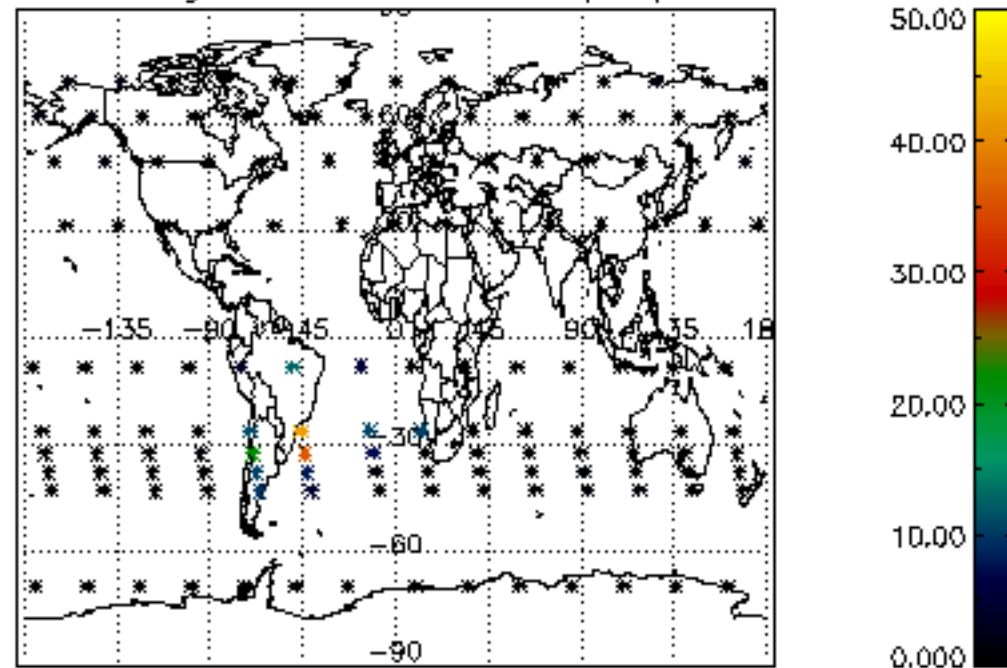
Percentage of datation errors per profile



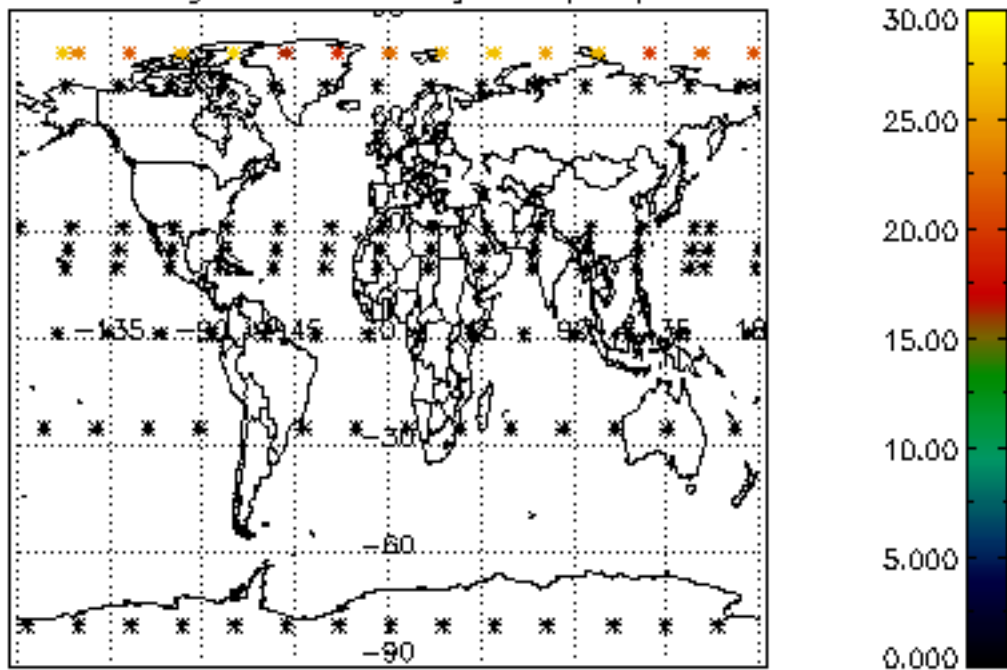
Percentage of star falling outside central band per profile



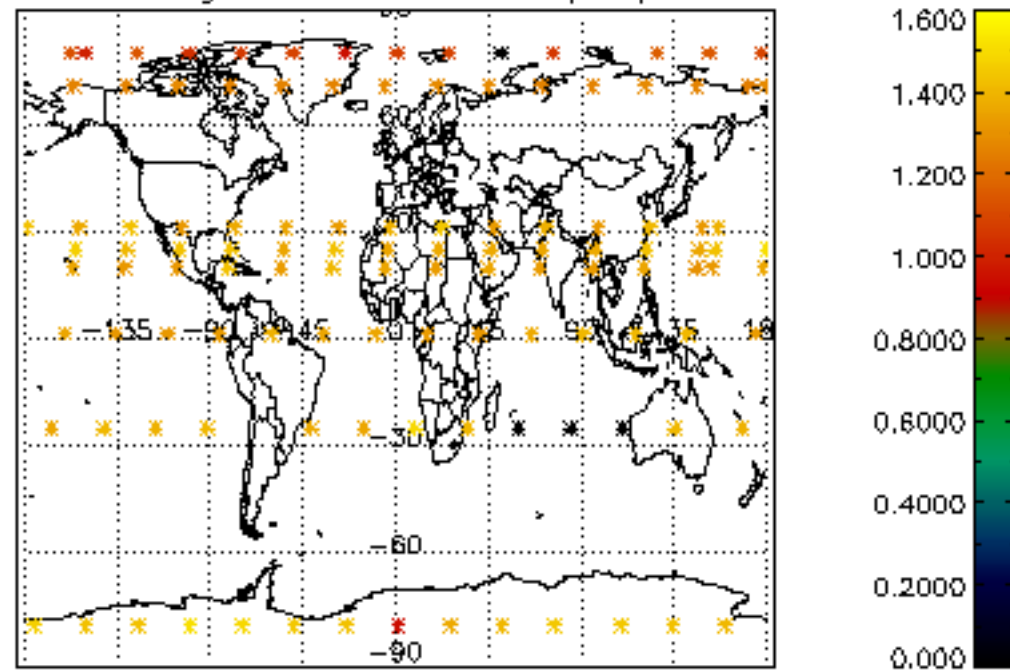
Percentage of saturation errors per profile



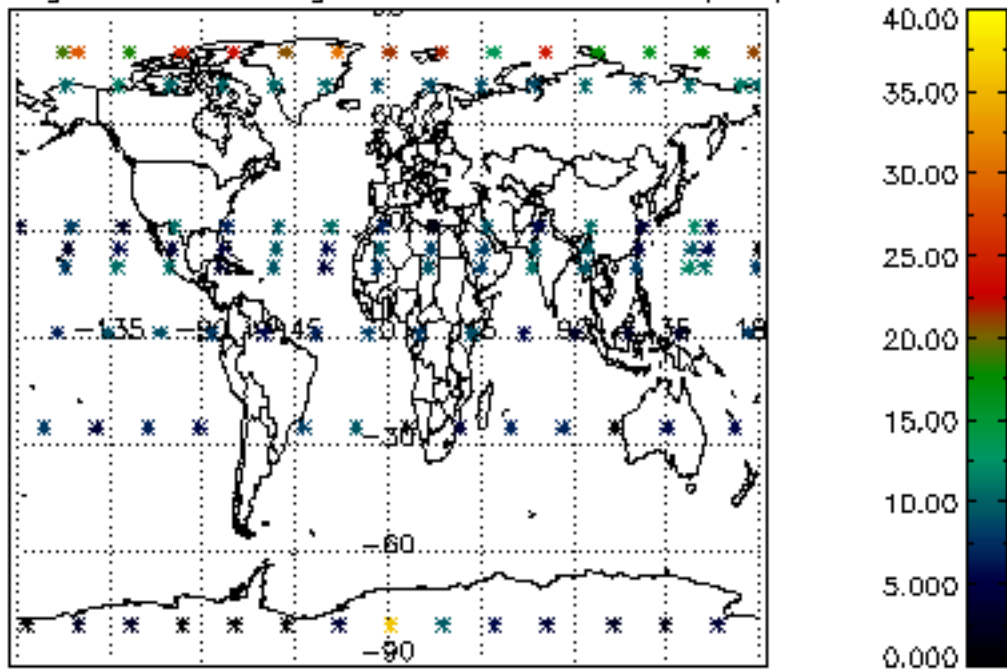
Percentage of cosmic ray hits per profile



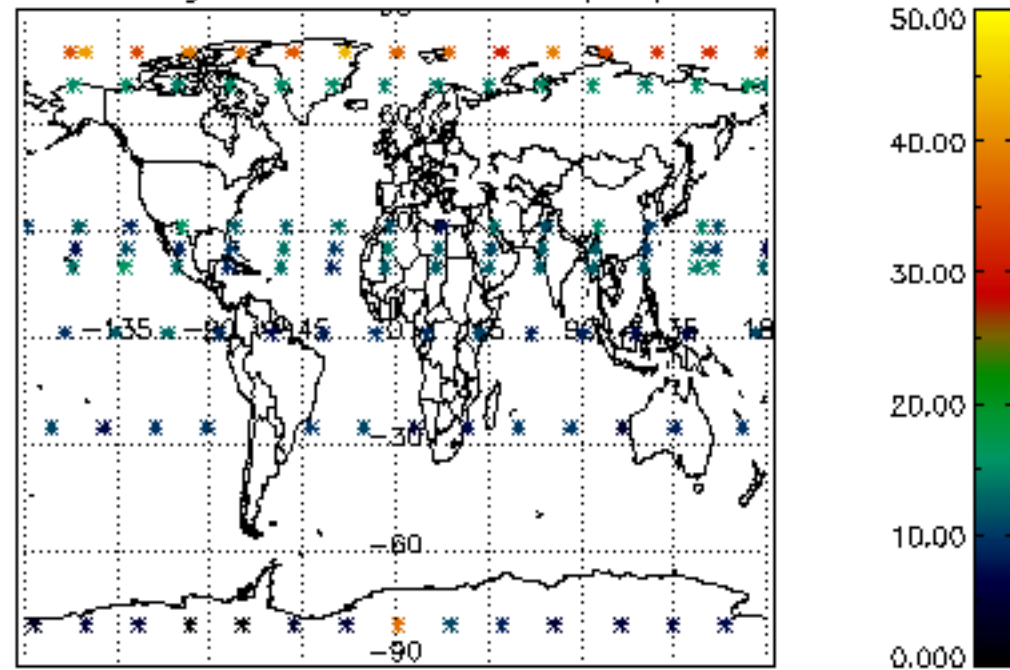
Percentage of datation errors per profile

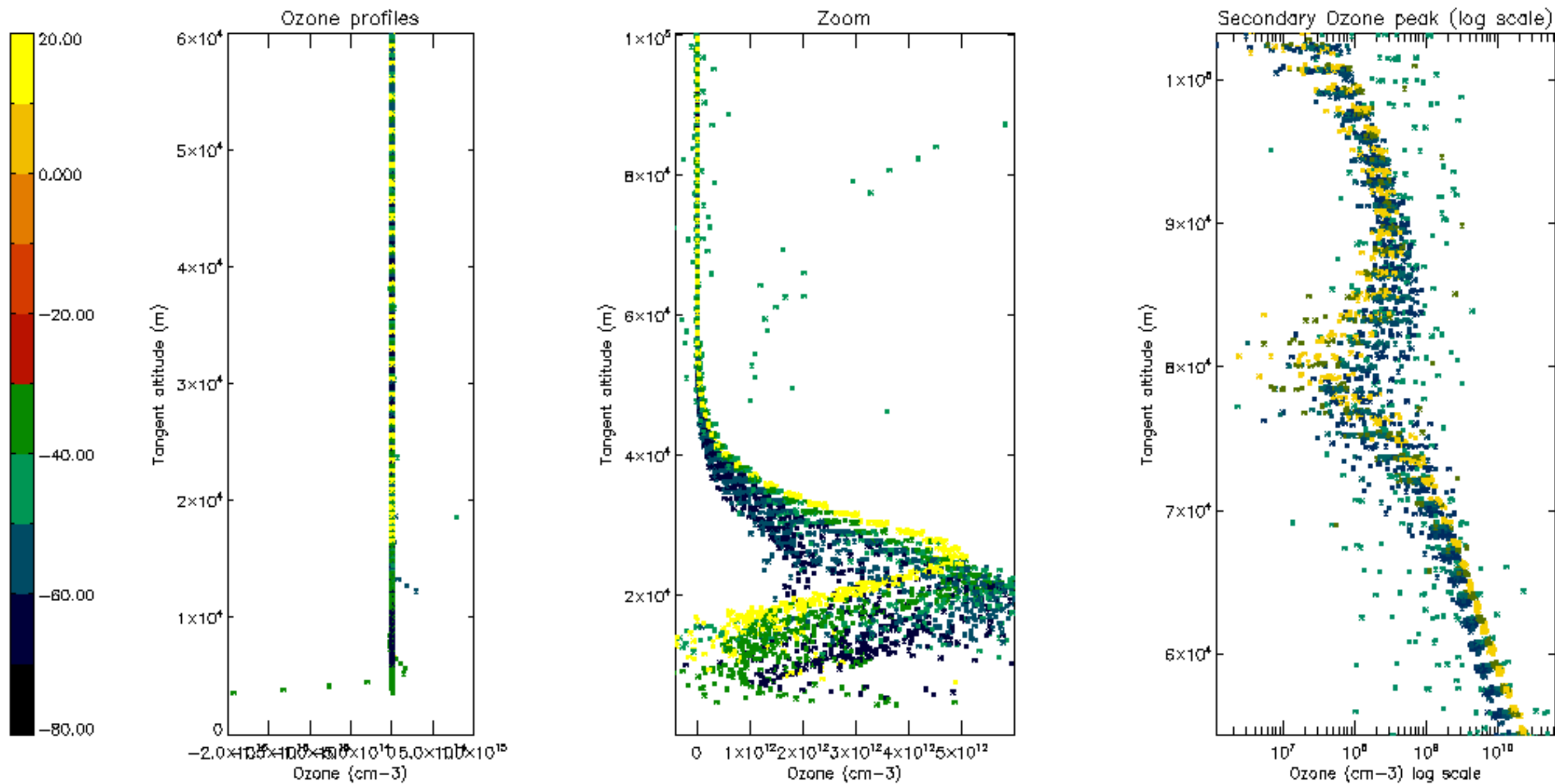


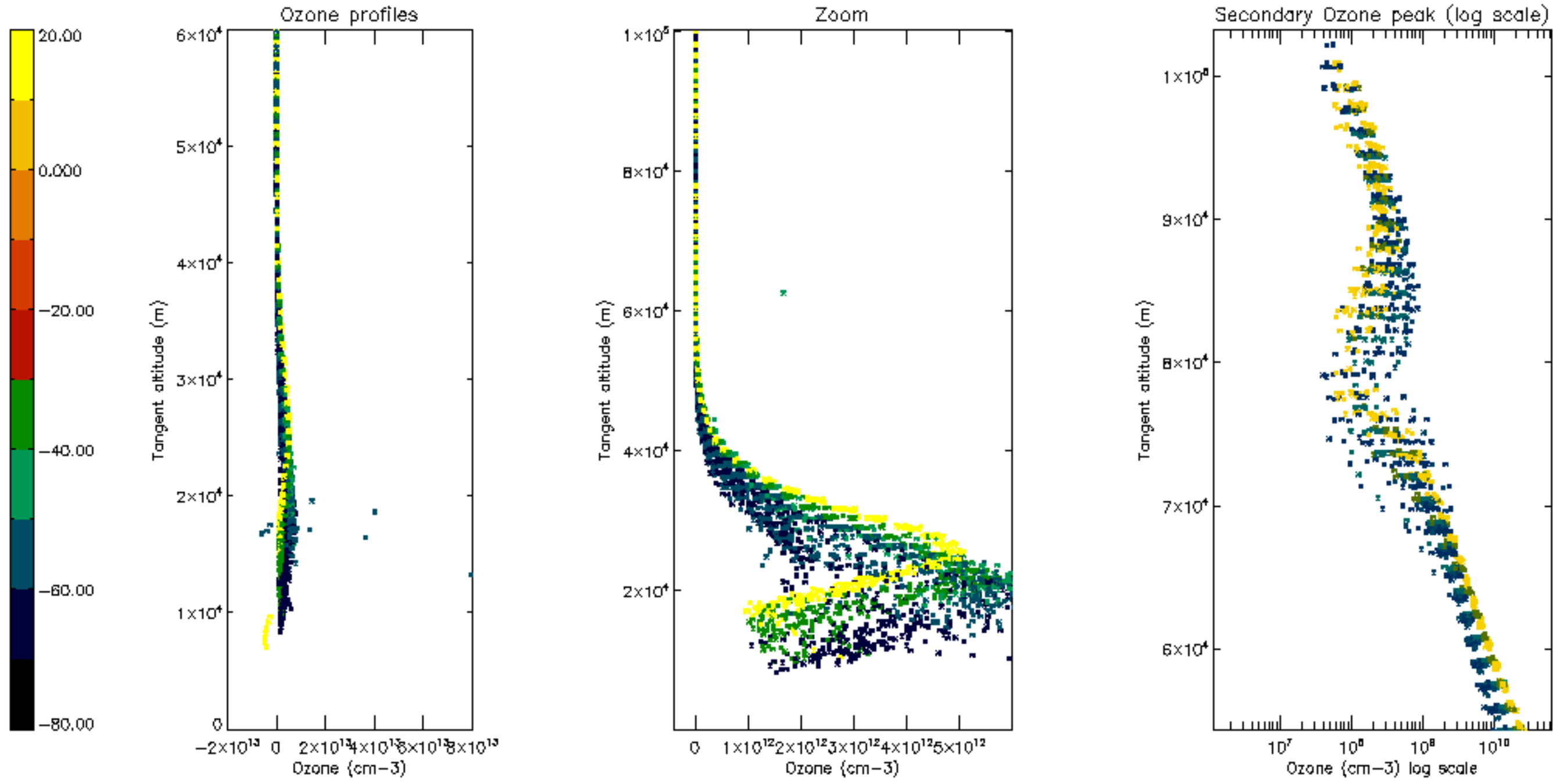
Percentage of star falling outside central band per profile

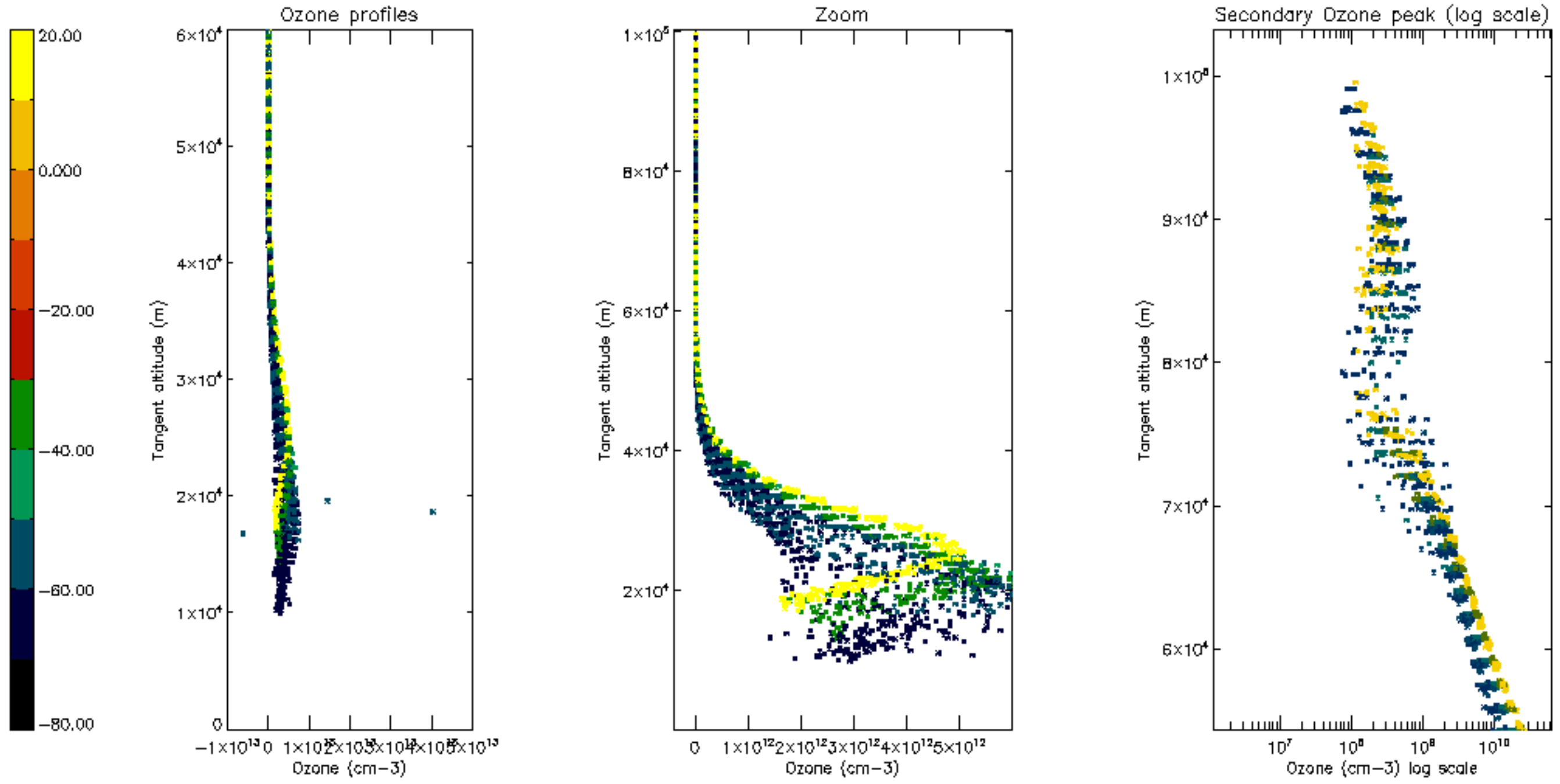


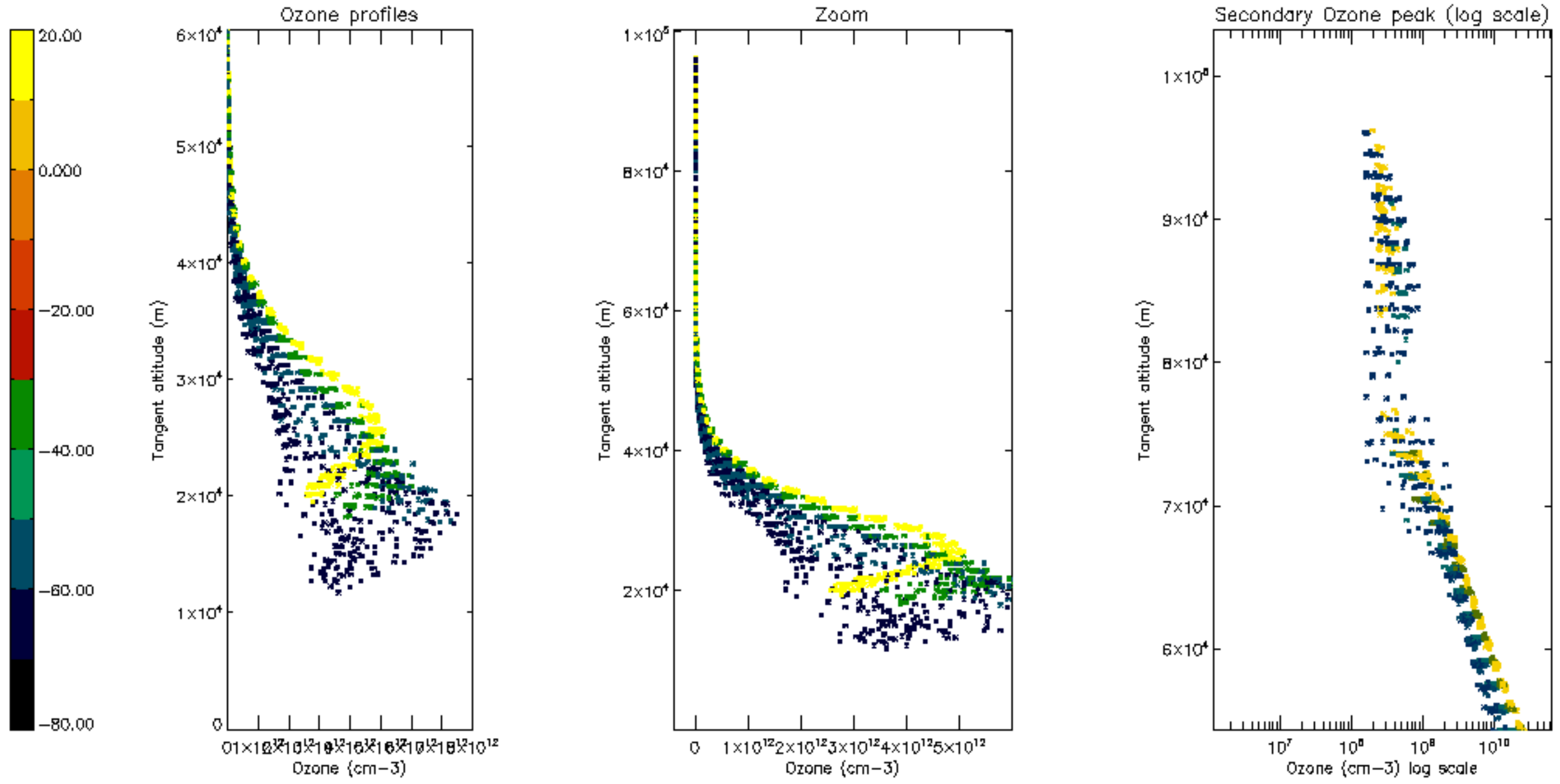
Percentage of saturation errors per profile

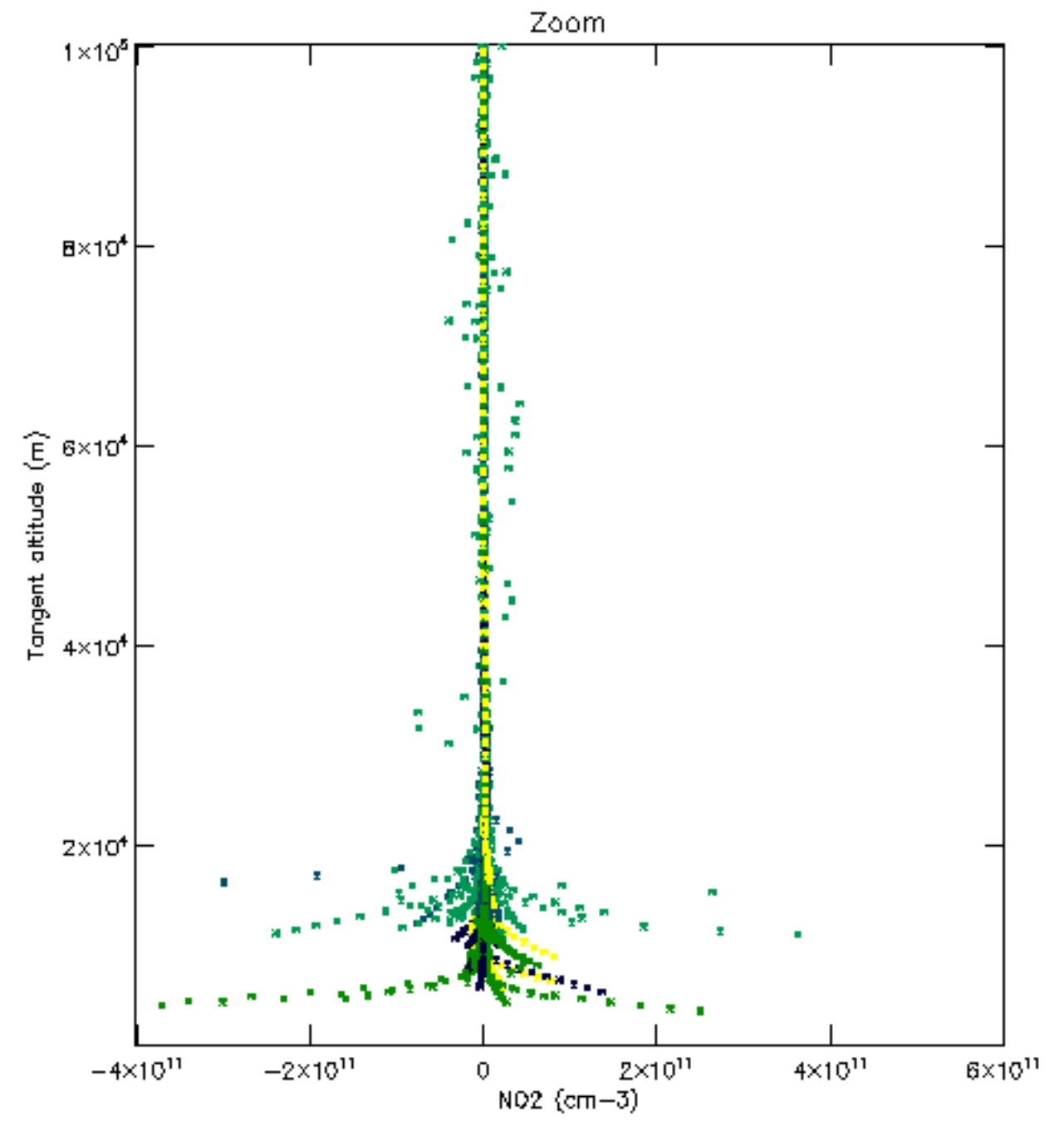
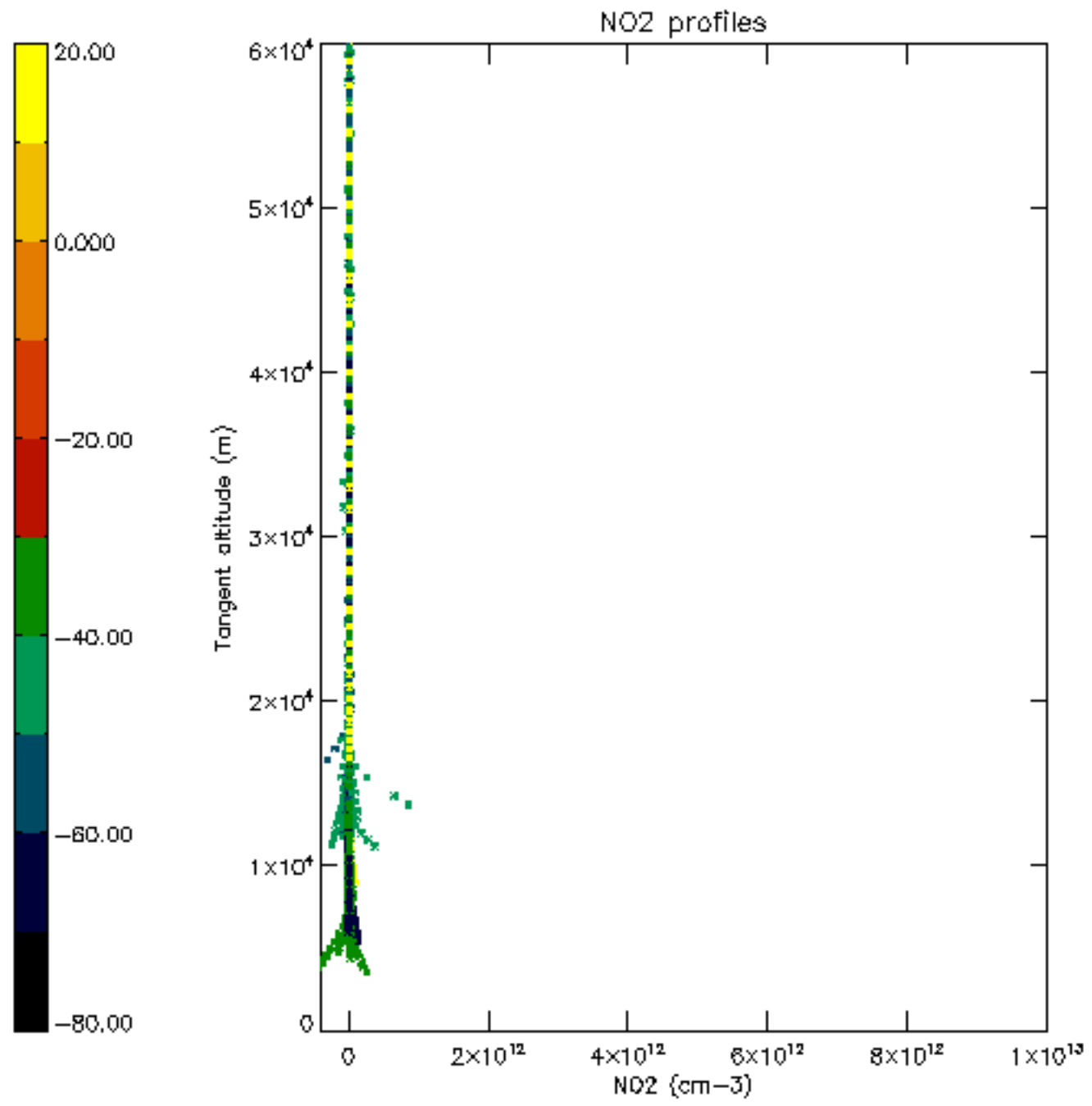


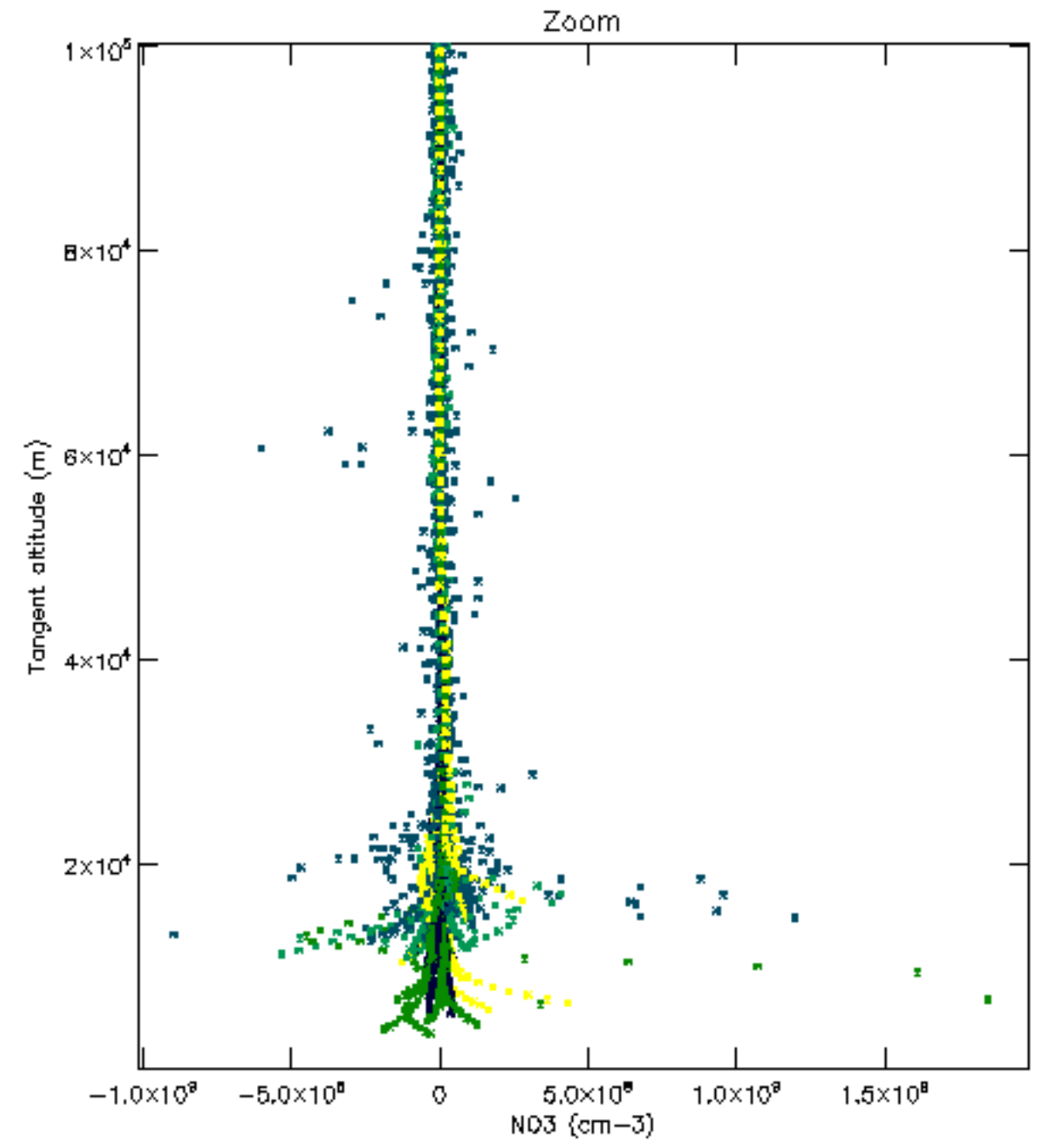
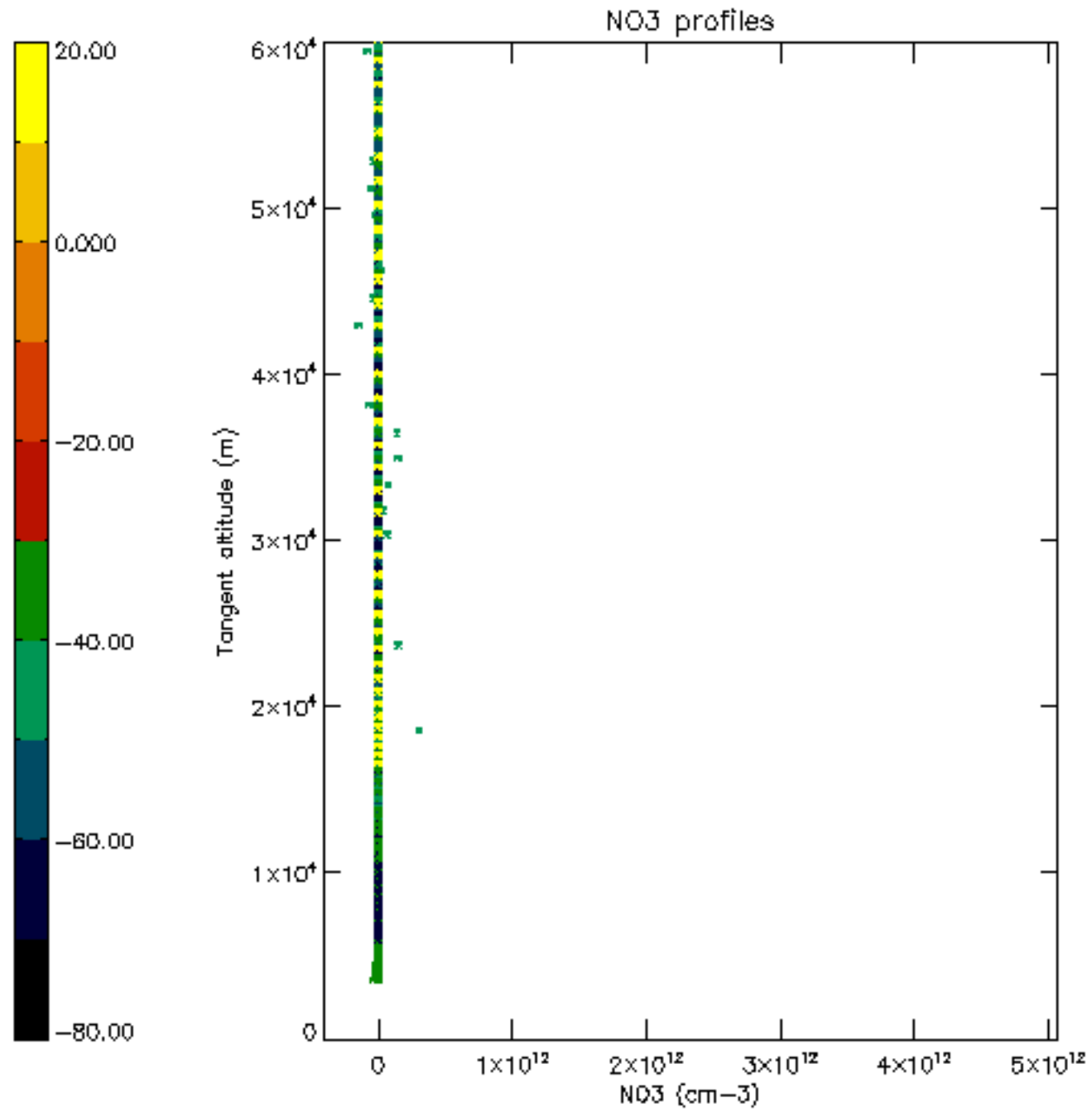


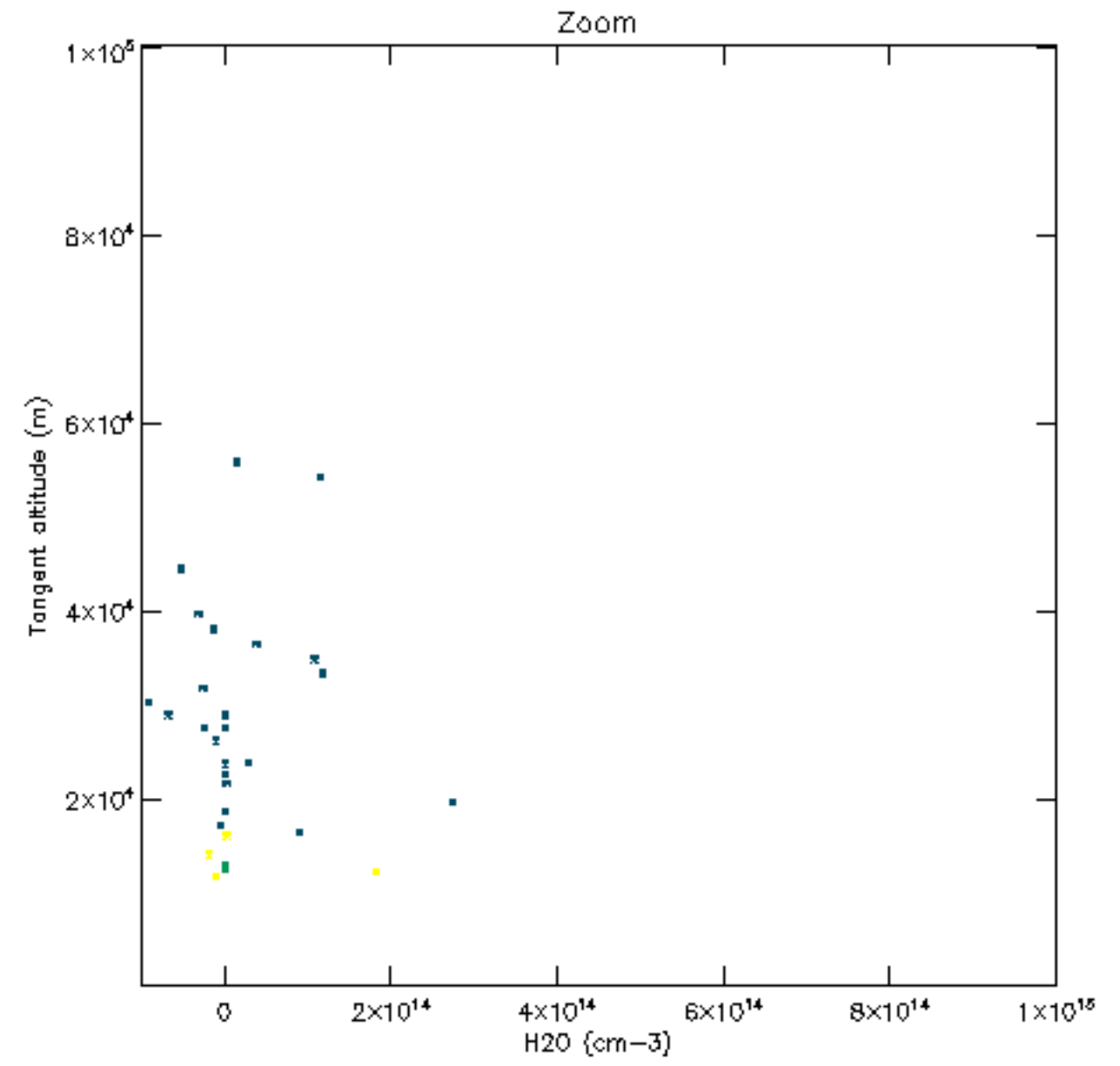
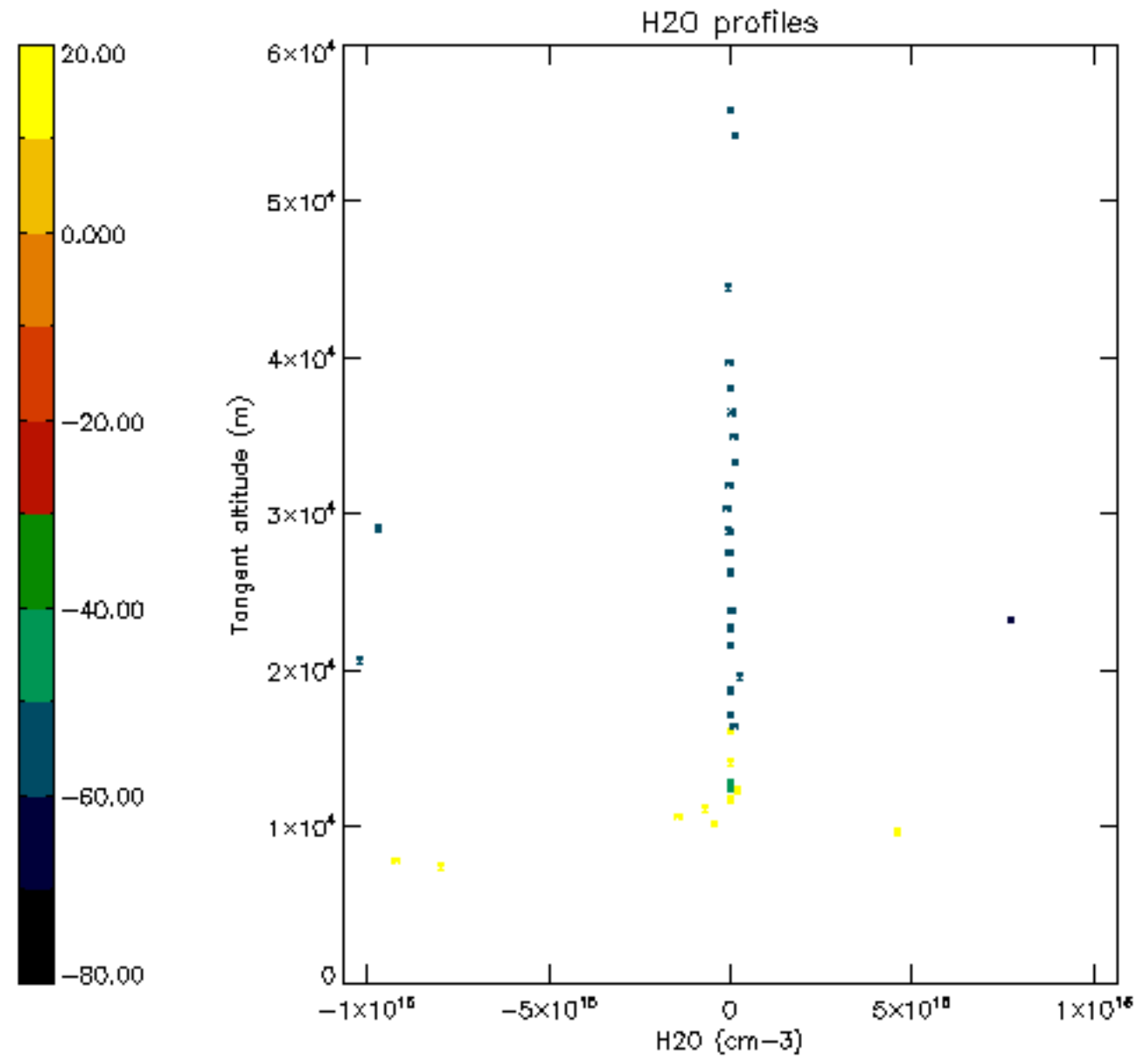


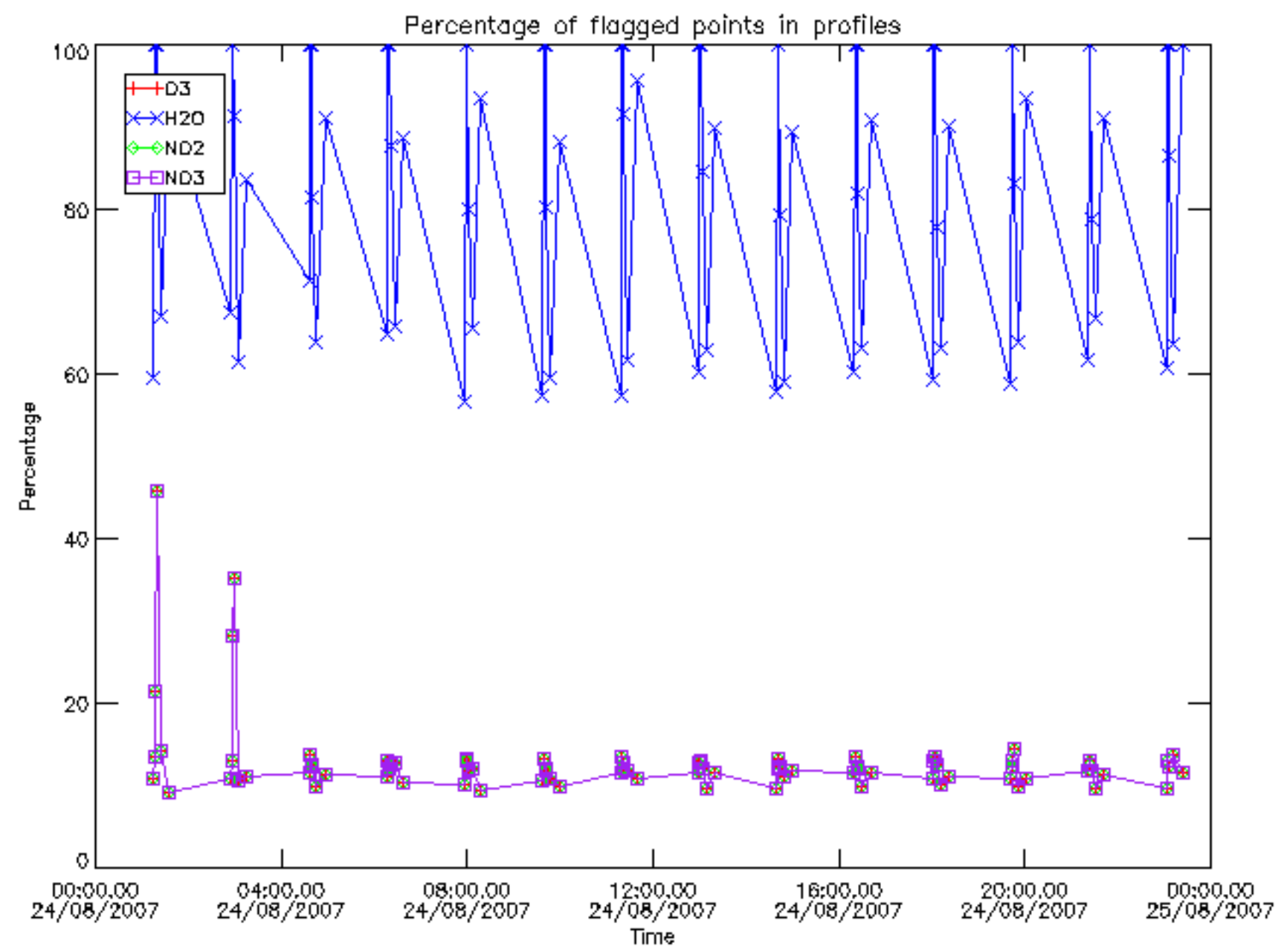




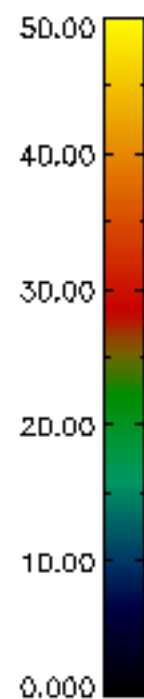
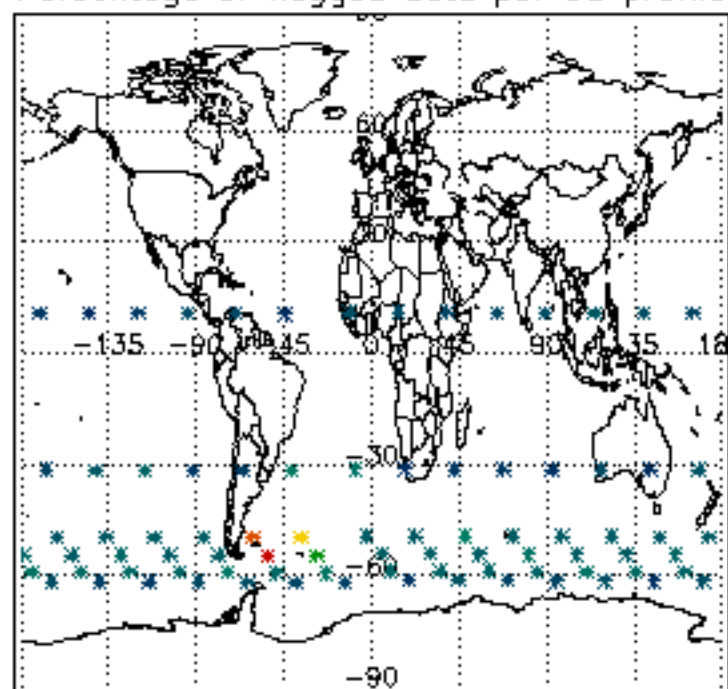




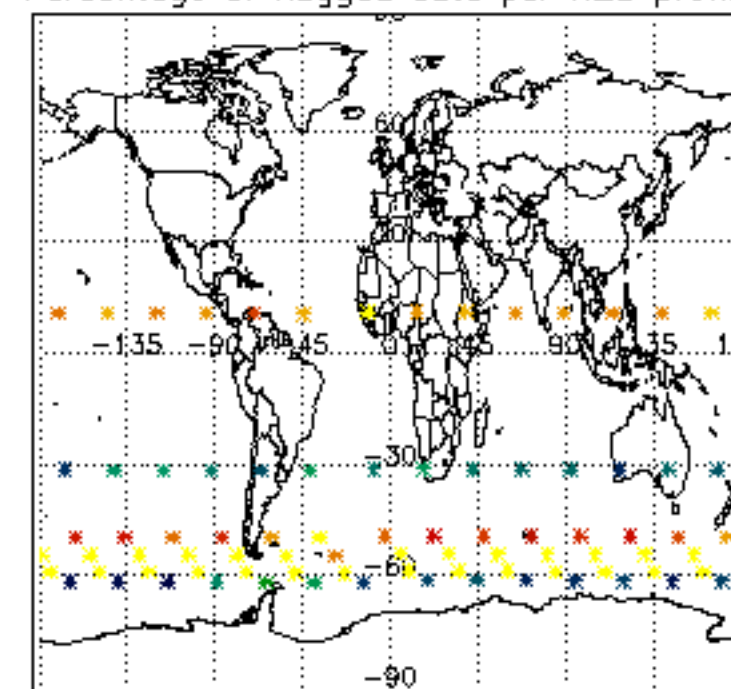




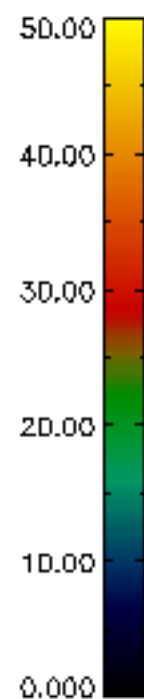
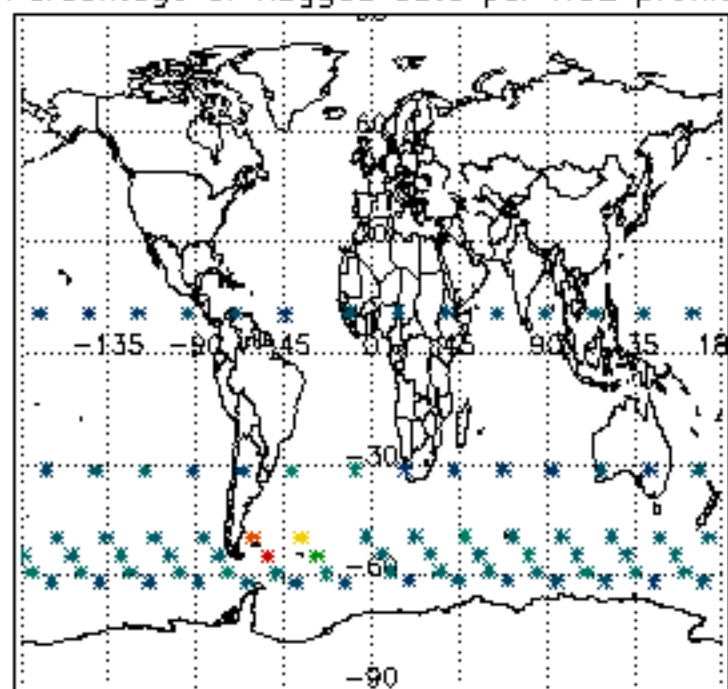
Percentage of flagged data per D3 profile



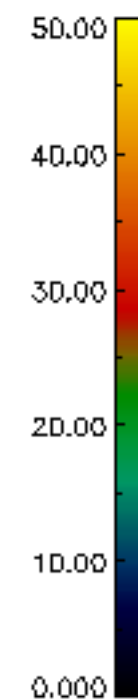
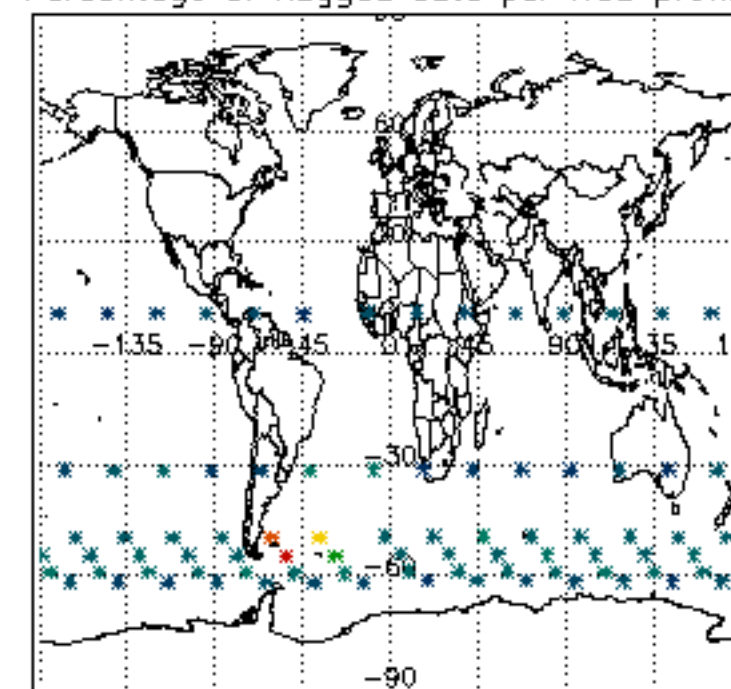
Percentage of flagged data per H2O profile

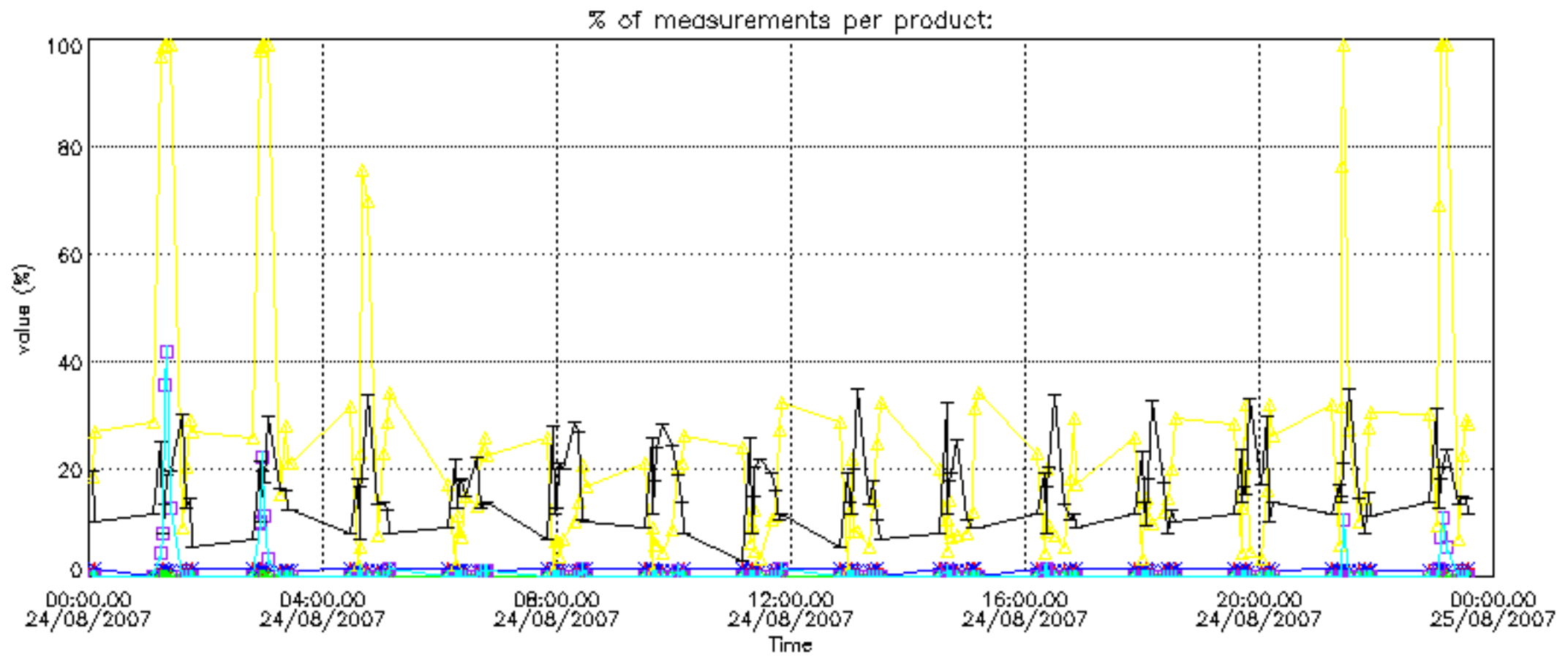


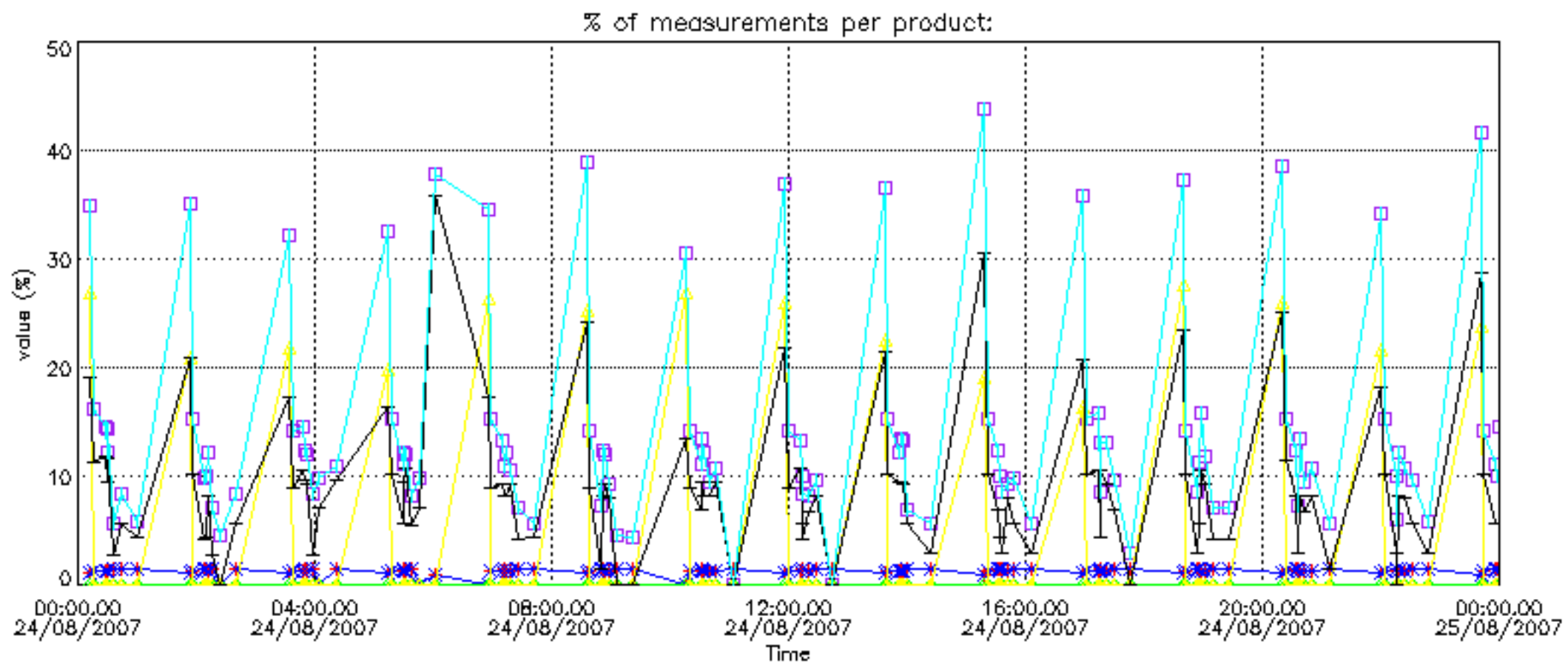
Percentage of flagged data per NO2 profile



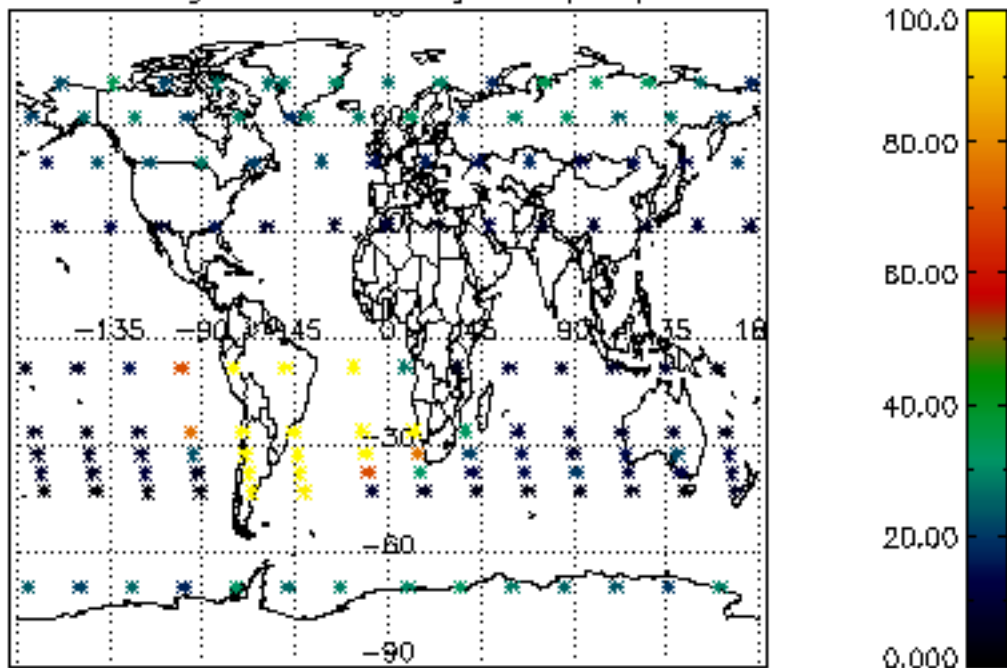
Percentage of flagged data per NO3 profile



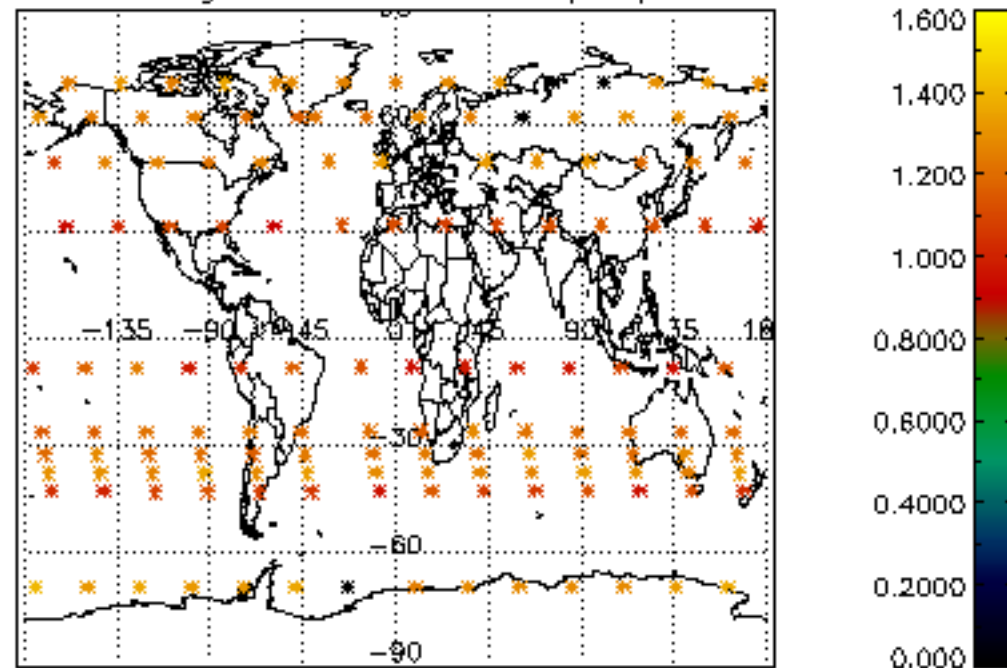




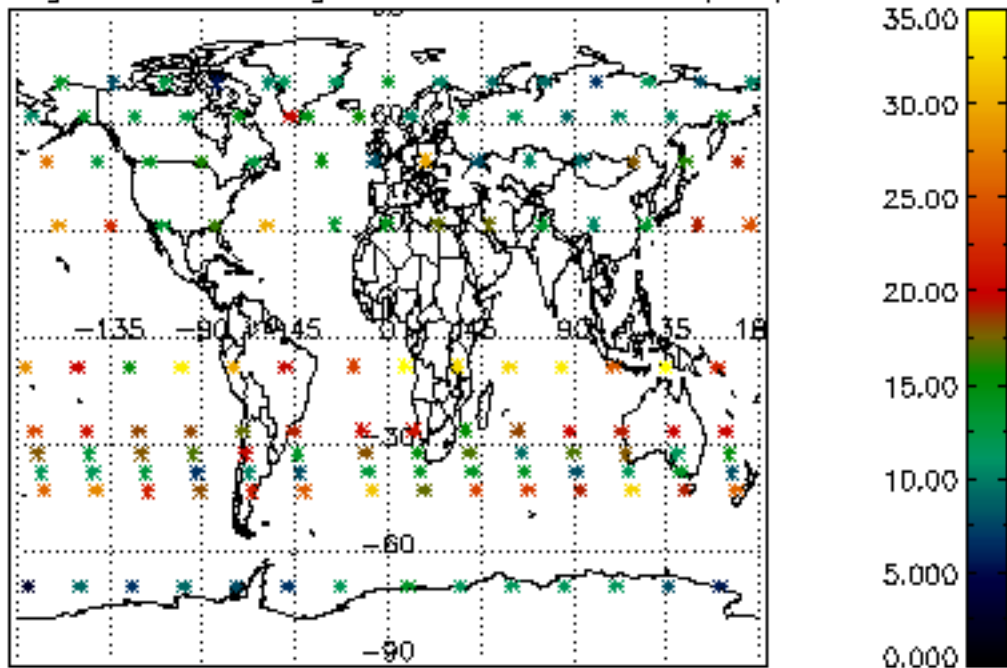
Percentage of cosmic ray hits per profile



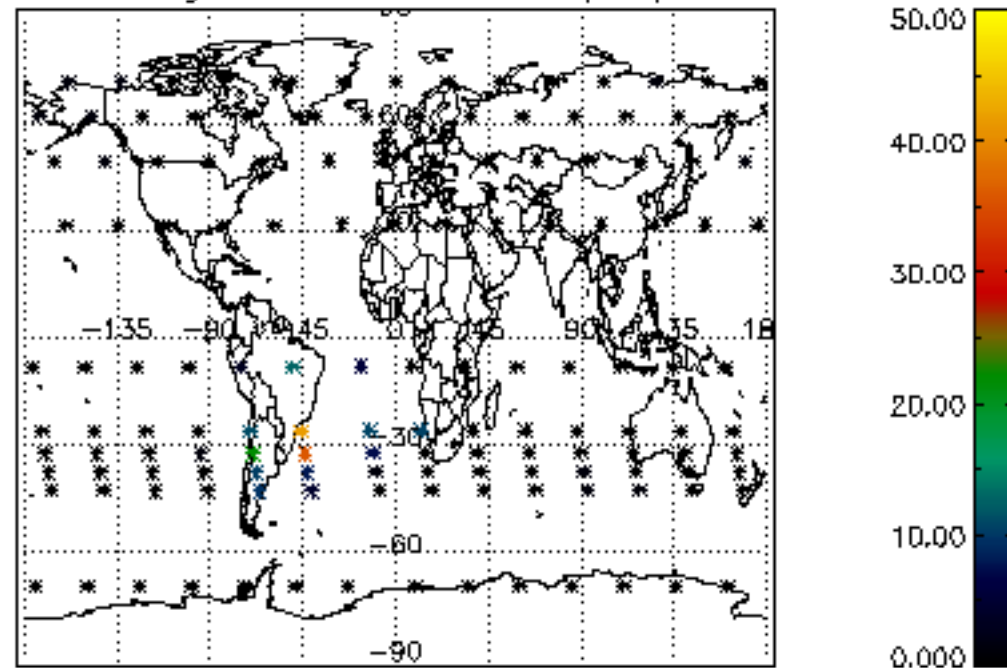
Percentage of datation errors per profile



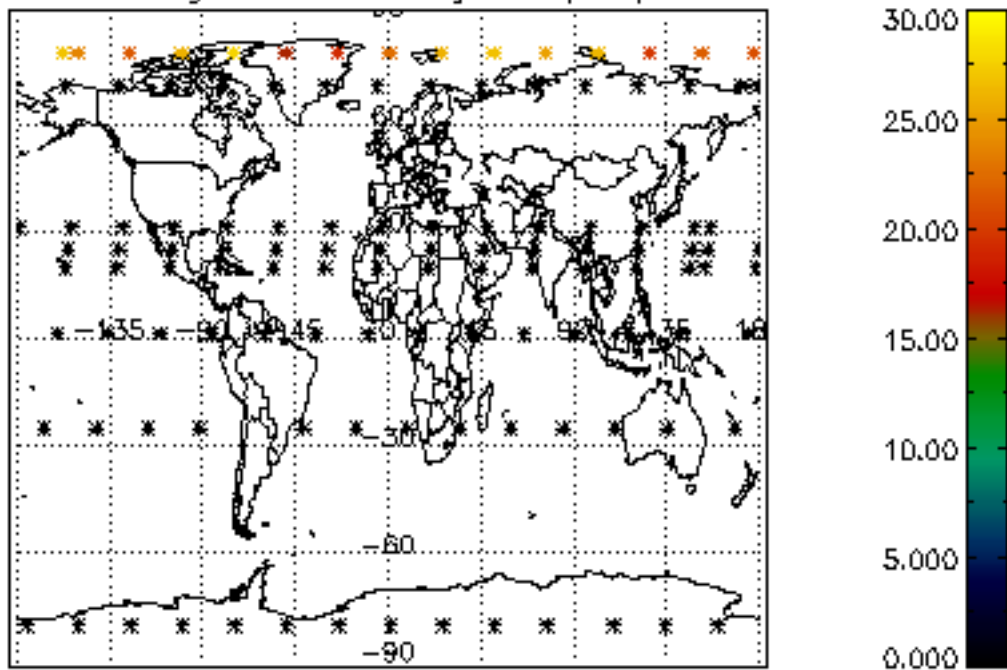
Percentage of star falling outside central band per profile



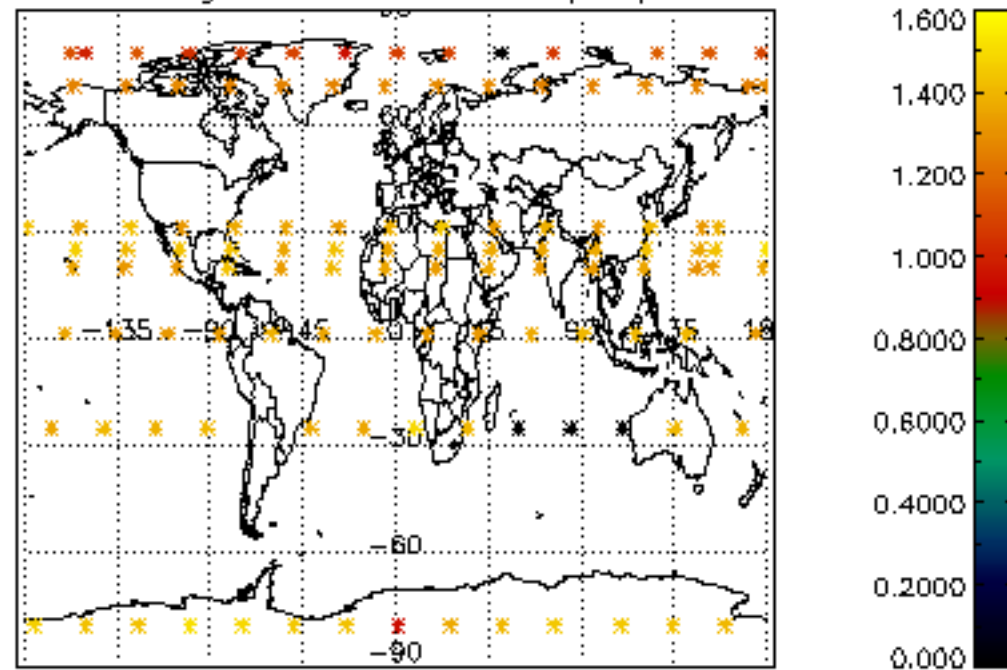
Percentage of saturation errors per profile



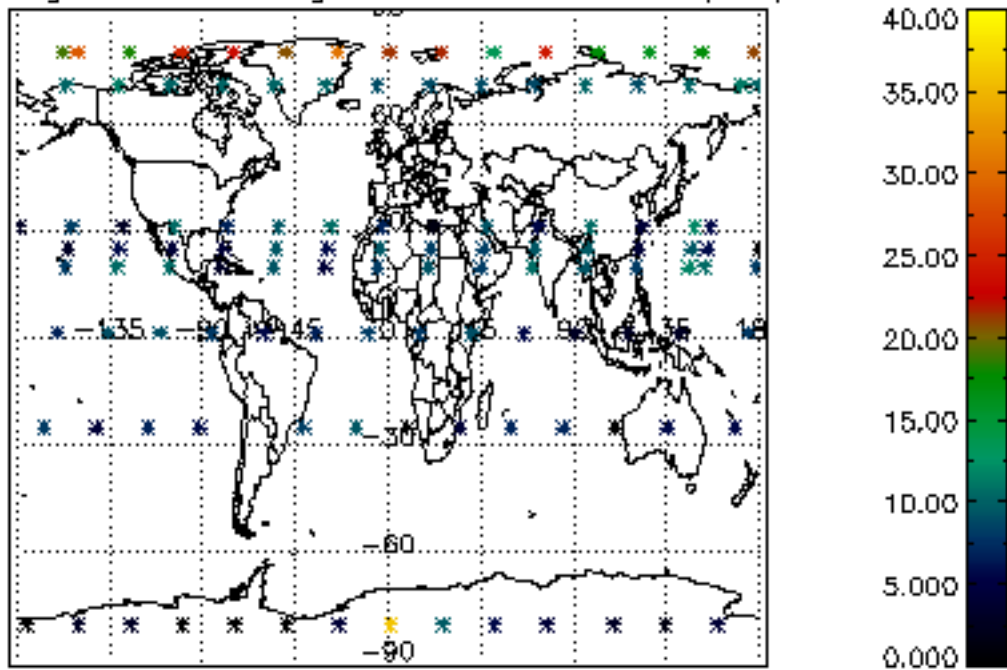
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

