

# 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	22APR2013 22:13:11
Data source version	GOMOS/6.01
Start time of products	25-07-2007 (25JUL2007 00:00:00)
Stop time of products	26-07-2007 (26JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20070725_000946_000000362060_00116_28226_2262.N1	25-JUL-2007 00:09:46	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	28226	No
2	GOM_NL__2PRFIN20070725_001142_000000362060_00116_28226_2263.N1	25-JUL-2007 00:11:42	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	28226	No
3	GOM_NL__2PRFIN20070725_001400_000000402060_00116_28226_2264.N1	25-JUL-2007 00:14:00	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28226	No
4	GOM_NL__2PRFIN20070725_001618_000000392060_00116_28226_2265.N1	25-JUL-2007 00:16:18	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28226	No
5	GOM_NL__2PRFIN20070725_002038_000000382060_00116_28226_2266.N1	25-JUL-2007 00:20:38	Dark	37.500	108	Alp Col	2.6520	15200.	75	28226	No
6	GOM_NL__2PRFIN20070725_003236_000000392060_00117_28227_2293.N1	25-JUL-2007 00:32:36	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28227	No
7	GOM_NL__2PRFIN20070725_003543_000000382060_00117_28227_2294.N1	25-JUL-2007 00:35:43	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28227	No
8	GOM_NL__2PRFIN20070725_004014_000000402060_00117_28227_2295.N1	25-JUL-2007 00:40:14	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28227	No
9	GOM_NL__2PRFIN20070725_004346_000000382060_00117_28227_2296.N1	25-JUL-2007 00:43:46	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28227	No
10	GOM_NL__2PRFIN20070725_005129_000000442060_00117_28227_2297.N1	25-JUL-2007 00:51:29	Bright	43.500	38	20Eps Sgr	1.8360	11000.	87	28227	No
11	GOM_NL__2PRFIN20070725_005324_000000492060_00117_28227_2298.N1	25-JUL-2007 00:53:24	Bright	49.000	57	34Sig Sgr	2.0660	26000.	98	28227	No
12	GOM_NL__2PRFIN20070725_005443_000000382060_00117_28227_2299.N1	25-JUL-2007 00:54:43	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28227	No
13	GOM_NL__2PRFIN20070725_010243_000000382060_00117_28227_2300.N1	25-JUL-2007 01:02:43	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28227	No
14	GOM_NL__2PRFIN20070725_010502_000000372060_00117_28227_2301.N1	25-JUL-2007 01:05:02	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28227	No
15	GOM_NL__2PRFIN20070725_011153_000000392060_00117_28227_2302.N1	25-JUL-2007 01:11:53	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28227	No
16	GOM_NL__2PRFIN20070725_011529_000000352060_00117_28227_2303.N1	25-JUL-2007 01:15:29	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	28227	No
17	GOM_NL__2PRFIN20070725_011909_000000372060_00117_28227_2304.N1	25-JUL-2007 01:19:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28227	No
18	GOM_NL__2PRFIN20070725_012323_000000352060_00117_28227_2305.N1	25-JUL-2007 01:23:23	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	28227	No
19	GOM_NL__2PRFIN20070725_012627_000000332060_00117_28227_2306.N1	25-JUL-2007 01:26:27	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28227	No
20	GOM_NL__2PRFIN20070725_013902_000000392060_00117_28227_2307.N1	25-JUL-2007 01:39:02	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28227	No
21	GOM_NL__2PRFIN20070725_015023_000000362060_00117_28227_2308.N1	25-JUL-2007 01:50:23	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	28227	No
22	GOM_NL__2PRFIN20070725_015218_000000372060_00117_28227_2309.N1	25-JUL-2007 01:52:18	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28227	No
23	GOM_NL__2PRFIN20070725_015437_000000472060_00117_28227_2310.N1	25-JUL-2007 01:54:37	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28227	No
24	GOM_NL__2PRFIN20070725_015655_000000412060_00117_28227_2311.N1	25-JUL-2007 01:56:55	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28227	No
25	GOM_NL__2PRFIN20070725_021312_000000382060_00118_28228_2304.N1	25-JUL-2007 02:13:12	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28228	No
26	GOM_NL__2PRFIN20070725_021619_000000382060_00118_28228_2305.N1	25-JUL-2007 02:16:19	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28228	No
27	GOM_NL__2PRFIN20070725_022050_000000502060_00118_28228_2306.N1	25-JUL-2007 02:20:50	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	28228	No
28	GOM_NL__2PRFIN20070725_022422_000000452060_00118_28228_2307.N1	25-JUL-2007 02:24:22	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	28228	No
29	GOM_NL__2PRFIN20070725_023205_000000412060_00118_28228_2308.N1	25-JUL-2007 02:32:05	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	28228	No
30	GOM_NL__2PRFIN20070725_023400_000000392060_00118_28228_2309.N1	25-JUL-2007 02:34:00	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28228	No
31	GOM_NL__2PRFIN20070725_023520_000000382060_00118_28228_2310.N1	25-JUL-2007 02:35:20	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28228	No
32	GOM_NL__2PRFIN20070725_024319_000000382060_00118_28228_2311.N1	25-JUL-2007 02:43:19	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28228	No
33	GOM_NL__2PRFIN20070725_025229_000000402060_00118_28228_2312.N1	25-JUL-2007 02:52:29	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	28228	No
34	GOM_NL__2PRFIN20070725_025605_000000342060_00118_28228_2313.N1	25-JUL-2007 02:56:05	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	28228	No
35	GOM_NL__2PRFIN20070725_025946_000000372060_00118_28228_2314.N1	25-JUL-2007 02:59:46	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28228	No
36	GOM_NL__2PRFIN20070725_030359_000000332060_00118_28228_2315.N1	25-JUL-2007 03:03:59	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28228	No
37	GOM_NL__2PRFIN20070725_030703_000000352060_00118_28228_2316.N1	25-JUL-2007 03:07:03	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28228	No
38	GOM_NL__2PRFIN20070725_031938_000000392060_00118_28228_2317.N1	25-JUL-2007 03:19:38	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28228	No
39	GOM_NL__2PRFIN20070725_033059_000000392060_00118_28228_2318.N1	25-JUL-2007 03:30:59	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	28228	No
40	GOM_NL__2PRFIN20070725_033254_000000392060_00118_28228_2319.N1	25-JUL-2007 03:32:54	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	28228	No
41	GOM_NL__2PRFIN20070725_033513_000000482060_00118_28228_2320.N1	25-JUL-2007 03:35:13	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	28228	No
42	GOM_NL__2PRFIN20070725_033731_000000402060_00118_28228_2321.N1	25-JUL-2007 03:37:31	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28228	No

43	GOM_NL__2PRFIN20070725_034151_000000372060_00118_28228_2322.N1	25-JUL-2007 03:41:51	Dark	37.000	108	Alp Col	2.6520	15200.	74	28228	No
44	GOM_NL__2PRFIN20070725_035349_000000392060_00119_28229_2320.N1	25-JUL-2007 03:53:49	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28229	No
45	GOM_NL__2PRFIN20070725_035656_000000372060_00119_28229_2321.N1	25-JUL-2007 03:56:56	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28229	No
46	GOM_NL__2PRFIN20070725_040127_000000432060_00119_28229_2322.N1	25-JUL-2007 04:01:27	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28229	No
47	GOM_NL__2PRFIN20070725_040458_000000402060_00119_28229_2323.N1	25-JUL-2007 04:04:58	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28229	No
48	GOM_NL__2PRFIN20070725_041241_000000492060_00119_28229_2324.N1	25-JUL-2007 04:12:41	Bright	49.000	38	20Eps Sgr	1.8360	11000.	98	28229	No
49	GOM_NL__2PRFIN20070725_041436_000000372060_00119_28229_2325.N1	25-JUL-2007 04:14:36	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	28229	No
50	GOM_NL__2PRFIN20070725_041556_000000372060_00119_28229_2326.N1	25-JUL-2007 04:15:56	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28229	No
51	GOM_NL__2PRFIN20070725_042355_000000382060_00119_28229_2327.N1	25-JUL-2007 04:23:55	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28229	No
52	GOM_NL__2PRFIN20070725_043305_000000342060_00119_28229_2328.N1	25-JUL-2007 04:33:05	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28229	No
53	GOM_NL__2PRFIN20070725_043642_000000362060_00119_28229_2329.N1	25-JUL-2007 04:36:42	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28229	No
54	GOM_NL__2PRFIN20070725_044022_000000332060_00119_28229_2330.N1	25-JUL-2007 04:40:22	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	28229	No
55	GOM_NL__2PRFIN20070725_044436_000000332060_00119_28229_2331.N1	25-JUL-2007 04:44:36	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28229	No
56	GOM_NL__2PRFIN20070725_044739_000000362060_00119_28229_2332.N1	25-JUL-2007 04:47:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28229	No
57	GOM_NL__2PRFIN20070725_050014_000000402060_00119_28229_2333.N1	25-JUL-2007 05:00:14	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	28229	No
58	GOM_NL__2PRFIN20070725_051135_000000402060_00119_28229_2334.N1	25-JUL-2007 05:11:35	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28229	No
59	GOM_NL__2PRFIN20070725_051331_000000422060_00119_28229_2335.N1	25-JUL-2007 05:13:31	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	28229	No
60	GOM_NL__2PRFIN20070725_051549_000000432060_00119_28229_2336.N1	25-JUL-2007 05:15:49	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	28229	No
61	GOM_NL__2PRFIN20070725_051807_000000392060_00119_28229_2337.N1	25-JUL-2007 05:18:07	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28229	No
62	GOM_NL__2PRFIN20070725_052227_000000382060_00119_28229_2338.N1	25-JUL-2007 05:22:27	Dark	37.500	108	Alp Col	2.6520	15200.	75	28229	No
63	GOM_NL__2PRFIN20070725_053426_000000382060_00120_28230_2336.N1	25-JUL-2007 05:34:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28230	No
64	GOM_NL__2PRFIN20070725_053732_000000372060_00120_28230_2337.N1	25-JUL-2007 05:37:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28230	No
65	GOM_NL__2PRFIN20070725_054203_000000402060_00120_28230_2338.N1	25-JUL-2007 05:42:03	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28230	No
66	GOM_NL__2PRFIN20070725_054534_000000392060_00120_28230_2339.N1	25-JUL-2007 05:45:34	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	28230	No
67	GOM_NL__2PRFIN20070725_055407_000000422060_00120_28230_2340.N1	25-JUL-2007 05:54:07	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	28230	No
68	GOM_NL__2PRFIN20070725_055632_000000382060_00120_28230_2341.N1	25-JUL-2007 05:56:32	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28230	No
69	GOM_NL__2PRFIN20070725_060432_000000362060_00120_28230_2342.N1	25-JUL-2007 06:04:32	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	28230	No
70	GOM_NL__2PRFIN20070725_061341_000000392060_00120_28230_2343.N1	25-JUL-2007 06:13:41	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28230	No
71	GOM_NL__2PRFIN20070725_061718_000000372060_00120_28230_2344.N1	25-JUL-2007 06:17:18	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28230	No
72	GOM_NL__2PRFIN20070725_062058_000000362060_00120_28230_2345.N1	25-JUL-2007 06:20:58	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28230	No
73	GOM_NL__2PRFIN20070725_062512_000000362060_00120_28230_2346.N1	25-JUL-2007 06:25:12	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28230	No
74	GOM_NL__2PRFIN20070725_062815_000000362060_00120_28230_2347.N1	25-JUL-2007 06:28:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28230	No
75	GOM_NL__2PRFIN20070725_064050_000000382060_00120_28230_2348.N1	25-JUL-2007 06:40:50	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28230	No
76	GOM_NL__2PRFIN20070725_065212_000000402060_00120_28230_2349.N1	25-JUL-2007 06:52:12	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28230	No
77	GOM_NL__2PRFIN20070725_065407_000000412060_00120_28230_2350.N1	25-JUL-2007 06:54:07	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28230	No
78	GOM_NL__2PRFIN20070725_065625_000000452060_00120_28230_2351.N1	25-JUL-2007 06:56:25	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	28230	No
79	GOM_NL__2PRFIN20070725_065843_000000402060_00120_28230_2352.N1	25-JUL-2007 06:58:43	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28230	No
80	GOM_NL__2PRFIN20070725_070303_000000402060_00120_28230_2353.N1	25-JUL-2007 07:03:03	Dark	39.500	108	Alp Col	2.6520	15200.	79	28230	No
81	GOM_NL__2PRFIN20070725_071502_000000402060_00121_28231_2347.N1	25-JUL-2007 07:15:02	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28231	No
82	GOM_NL__2PRFIN20070725_071808_000000372060_00121_28231_2348.N1	25-JUL-2007 07:18:08	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28231	No
83	GOM_NL__2PRFIN20070725_072240_000000412060_00121_28231_2349.N1	25-JUL-2007 07:22:40	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28231	No
84	GOM_NL__2PRFIN20070725_072611_000000382060_00121_28231_2350.N1	25-JUL-2007 07:26:11	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28231	No
85	GOM_NL__2PRFIN20070725_073444_000000412060_00121_28231_2351.N1	25-JUL-2007 07:34:44	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	28231	No
86	GOM_NL__2PRFIN20070725_073708_000000362060_00121_28231_2352.N1	25-JUL-2007 07:37:08	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28231	No
87	GOM_NL__2PRFIN20070725_074508_000000382060_00121_28231_2353.N1	25-JUL-2007 07:45:08	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28231	No
88	GOM_NL__2PRFIN20070725_075417_000000342060_00121_28231_2354.N1	25-JUL-2007 07:54:17	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28231	No
89	GOM_NL__2PRFIN20070725_075754_000000362060_00121_28231_2355.N1	25-JUL-2007 07:57:54	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28231	No
90	GOM_NL__2PRFIN20070725_080134_000000372060_00121_28231_2356.N1	25-JUL-2007 08:01:34	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28231	No
91	GOM_NL__2PRFIN20070725_080548_000000332060_00121_28231_2357.N1	25-JUL-2007 08:05:48	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28231	No
92	GOM_NL__2PRFIN20070725_080851_000000352060_00121_28231_2358.N1	25-JUL-2007 08:08:51	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28231	No
93	GOM_NL__2PRFIN20070725_082126_000000382060_00121_28231_2359.N1	25-JUL-2007 08:21:26	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28231	No
94	GOM_NL__2PRFIN20070725_083248_000000422060_00121_28231_2360.N1	25-JUL-2007 08:32:48	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	28231	No
95	GOM_NL__2PRFIN20070725_083443_000000402060_00121_28231_2361.N1	25-JUL-2007 08:34:43	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28231	No
96	GOM_NL__2PRFIN20070725_083702_000000472060_00121_28231_2362.N1	25-JUL-2007 08:37:02	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28231	No
97	GOM_NL__2PRFIN20070725_083920_000000402060_00121_28231_2363.N1	25-JUL-2007 08:39:20	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28231	No
98	GOM_NL__2PRFIN20070725_084339_000000392060_00121_28231_2364.N1	25-JUL-2007 08:43:39	Dark	39.000	108	Alp Col	2.6520	15200.	78	28231	No
99	GOM_NL__2PRFIN20070725_121651_000000392060_00124_28234_2398.N1	25-JUL-2007 12:16:51	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28234	No
100	GOM_NL__2PRFIN20070725_121957_000000382060_00124_28234_2399.N1	25-JUL-2007 12:19:57	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28234	No
101	GOM_NL__2PRFIN20070725_122429_000000422060_00124_28234_2400.N1	25-JUL-2007 12:24:29	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28234	No

102	GOM_NL__2PRFIN20070725_122759_000000382060_00124_28234_2401.N1	25-JUL-2007 12:27:59	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28234	No
103	GOM_NL__2PRFIN20070725_123542_000000392060_00124_28234_2402.N1	25-JUL-2007 12:35:42	Bright	39.000	38	20Eps Sgr	1.8360	11000.	78	28234	No
104	GOM_NL__2PRFIN20070725_123737_000000372060_00124_28234_2403.N1	25-JUL-2007 12:37:37	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	28234	No
105	GOM_NL__2PRFIN20070725_123856_000000372060_00124_28234_2404.N1	25-JUL-2007 12:38:56	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28234	No
106	GOM_NL__2PRFIN20070725_124901_000000342060_00124_28234_2405.N1	25-JUL-2007 12:49:01	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28234	No
107	GOM_NL__2PRFIN20070725_125604_000000362060_00124_28234_2406.N1	25-JUL-2007 12:56:04	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28234	No
108	GOM_NL__2PRFIN20070725_125942_000000372060_00124_28234_2407.N1	25-JUL-2007 12:59:42	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28234	No
109	GOM_NL__2PRFIN20070725_130323_000000372060_00124_28234_2408.N1	25-JUL-2007 13:03:23	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28234	No
110	GOM_NL__2PRFIN20070725_130737_000000352060_00124_28234_2409.N1	25-JUL-2007 13:07:37	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28234	No
111	GOM_NL__2PRFIN20070725_131038_000000362060_00124_28234_2410.N1	25-JUL-2007 13:10:38	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28234	No
112	GOM_NL__2PRFIN20070725_132314_000000372060_00124_28234_2411.N1	25-JUL-2007 13:23:14	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28234	No
113	GOM_NL__2PRFIN20070725_133436_000000392060_00124_28234_2412.N1	25-JUL-2007 13:34:36	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	28234	No
114	GOM_NL__2PRFIN20070725_133631_000000372060_00124_28234_2413.N1	25-JUL-2007 13:36:31	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28234	No
115	GOM_NL__2PRFIN20070725_133850_000000402060_00124_28234_2414.N1	25-JUL-2007 13:38:50	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28234	No
116	GOM_NL__2PRFIN20070725_134108_000000382060_00124_28234_2415.N1	25-JUL-2007 13:41:08	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28234	No
117	GOM_NL__2PRFIN20070725_134527_000000392060_00124_28234_2416.N1	25-JUL-2007 13:45:27	Dark	39.000	108	Alp Col	2.6520	15200.	78	28234	No
118	GOM_NL__2PRFIN20070725_135728_000000402060_00125_28235_2413.N1	25-JUL-2007 13:57:28	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28235	No
119	GOM_NL__2PRFIN20070725_140033_000000372060_00125_28235_2414.N1	25-JUL-2007 14:00:33	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28235	No
120	GOM_NL__2PRFIN20070725_140505_000000422060_00125_28235_2415.N1	25-JUL-2007 14:05:05	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28235	No
121	GOM_NL__2PRFIN20070725_140836_000000382060_00125_28235_2416.N1	25-JUL-2007 14:08:36	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28235	No
122	GOM_NL__2PRFIN20070725_141618_000000422060_00125_28235_2417.N1	25-JUL-2007 14:16:18	Bright	41.500	38	20Eps Sgr	1.8360	11000.	83	28235	No
123	GOM_NL__2PRFIN20070725_141813_000000382060_00125_28235_2418.N1	25-JUL-2007 14:18:13	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28235	No
124	GOM_NL__2PRFIN20070725_141932_000000372060_00125_28235_2419.N1	25-JUL-2007 14:19:32	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28235	No
125	GOM_NL__2PRFIN20070725_142937_000000352060_00125_28235_2420.N1	25-JUL-2007 14:29:37	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28235	No
126	GOM_NL__2PRFIN20070725_143640_000000382060_00125_28235_2421.N1	25-JUL-2007 14:36:40	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28235	No
127	GOM_NL__2PRFIN20070725_144018_000000372060_00125_28235_2422.N1	25-JUL-2007 14:40:18	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28235	No
128	GOM_NL__2PRFIN20070725_144359_000000372060_00125_28235_2423.N1	25-JUL-2007 14:43:59	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28235	No
129	GOM_NL__2PRFIN20070725_144813_000000342060_00125_28235_2424.N1	25-JUL-2007 14:48:13	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28235	No
130	GOM_NL__2PRFIN20070725_145114_000000352060_00125_28235_2425.N1	25-JUL-2007 14:51:14	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28235	No
131	GOM_NL__2PRFIN20070725_150350_000000382060_00125_28235_2426.N1	25-JUL-2007 15:03:50	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28235	No
132	GOM_NL__2PRFIN20070725_151512_000000382060_00125_28235_2427.N1	25-JUL-2007 15:15:12	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28235	No
133	GOM_NL__2PRFIN20070725_151708_000000372060_00125_28235_2428.N1	25-JUL-2007 15:17:08	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28235	No
134	GOM_NL__2PRFIN20070725_151927_000000412060_00125_28235_2429.N1	25-JUL-2007 15:19:27	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28235	No
135	GOM_NL__2PRFIN20070725_152145_000000382060_00125_28235_2430.N1	25-JUL-2007 15:21:45	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	28235	No
136	GOM_NL__2PRFIN20070725_152604_000000392060_00125_28235_2431.N1	25-JUL-2007 15:26:04	Dark	39.000	108	Alp Col	2.6520	15200.	78	28235	No
137	GOM_NL__2PRFIN20070725_153804_000000412060_00126_28236_2425.N1	25-JUL-2007 15:38:04	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28236	No
138	GOM_NL__2PRFIN20070725_154109_000000382060_00126_28236_2426.N1	25-JUL-2007 15:41:09	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28236	No
139	GOM_NL__2PRFIN20070725_154542_000000422060_00126_28236_2427.N1	25-JUL-2007 15:45:42	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28236	No
140	GOM_NL__2PRFIN20070725_154912_000000382060_00126_28236_2428.N1	25-JUL-2007 15:49:12	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28236	No
141	GOM_NL__2PRFIN20070725_155654_000000402060_00126_28236_2429.N1	25-JUL-2007 15:56:54	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	28236	No
142	GOM_NL__2PRFIN20070725_155849_000000372060_00126_28236_2430.N1	25-JUL-2007 15:58:49	Bright	37.000	57	34Sig Sgr	2.0660	26000.	74	28236	No
143	GOM_NL__2PRFIN20070725_160009_000000382060_00126_28236_2431.N1	25-JUL-2007 16:00:09	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28236	No
144	GOM_NL__2PRFIN20070725_161012_000000372060_00126_28236_2432.N1	25-JUL-2007 16:10:12	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	28236	No
145	GOM_NL__2PRFIN20070725_161716_000000392060_00126_28236_2433.N1	25-JUL-2007 16:17:16	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28236	No
146	GOM_NL__2PRFIN20070725_162054_000000382060_00126_28236_2434.N1	25-JUL-2007 16:20:54	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28236	No
147	GOM_NL__2PRFIN20070725_162435_000000332060_00126_28236_2435.N1	25-JUL-2007 16:24:35	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	28236	No
148	GOM_NL__2PRFIN20070725_162849_000000362060_00126_28236_2436.N1	25-JUL-2007 16:28:49	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28236	No
149	GOM_NL__2PRFIN20070725_163150_000000372060_00126_28236_2437.N1	25-JUL-2007 16:31:50	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28236	No
150	GOM_NL__2PRFIN20070725_164426_000000462060_00126_28236_2438.N1	25-JUL-2007 16:44:26	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	28236	No
151	GOM_NL__2PRFIN20070725_165548_000000382060_00126_28236_2439.N1	25-JUL-2007 16:55:48	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28236	No
152	GOM_NL__2PRFIN20070725_165744_000000372060_00126_28236_2440.N1	25-JUL-2007 16:57:44	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28236	No
153	GOM_NL__2PRFIN20070725_170003_000000442060_00126_28236_2441.N1	25-JUL-2007 17:00:03	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	28236	No
154	GOM_NL__2PRFIN20070725_170221_000000362060_00126_28236_2442.N1	25-JUL-2007 17:02:21	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	28236	No
155	GOM_NL__2PRFIN20070725_170640_000000402060_00126_28236_2443.N1	25-JUL-2007 17:06:40	Dark	39.500	108	Alp Col	2.6520	15200.	79	28236	No
156	GOM_NL__2PRFIN20070725_171841_000000402060_00127_28237_2469.N1	25-JUL-2007 17:18:41	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28237	No
157	GOM_NL__2PRFIN20070725_172145_000000382060_00127_28237_2470.N1	25-JUL-2007 17:21:45	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28237	No
158	GOM_NL__2PRFIN20070725_172618_000000412060_00127_28237_2471.N1	25-JUL-2007 17:26:18	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28237	No
159	GOM_NL__2PRFIN20070725_172948_000000382060_00127_28237_2472.N1	25-JUL-2007 17:29:48	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28237	No
160	GOM_NL__2PRFIN20070725_173730_000000522060_00127_28237_2473.N1	25-JUL-2007 17:37:30	Bright	52.000	38	20Eps Sgr	1.8360	11000.	104	28237	No



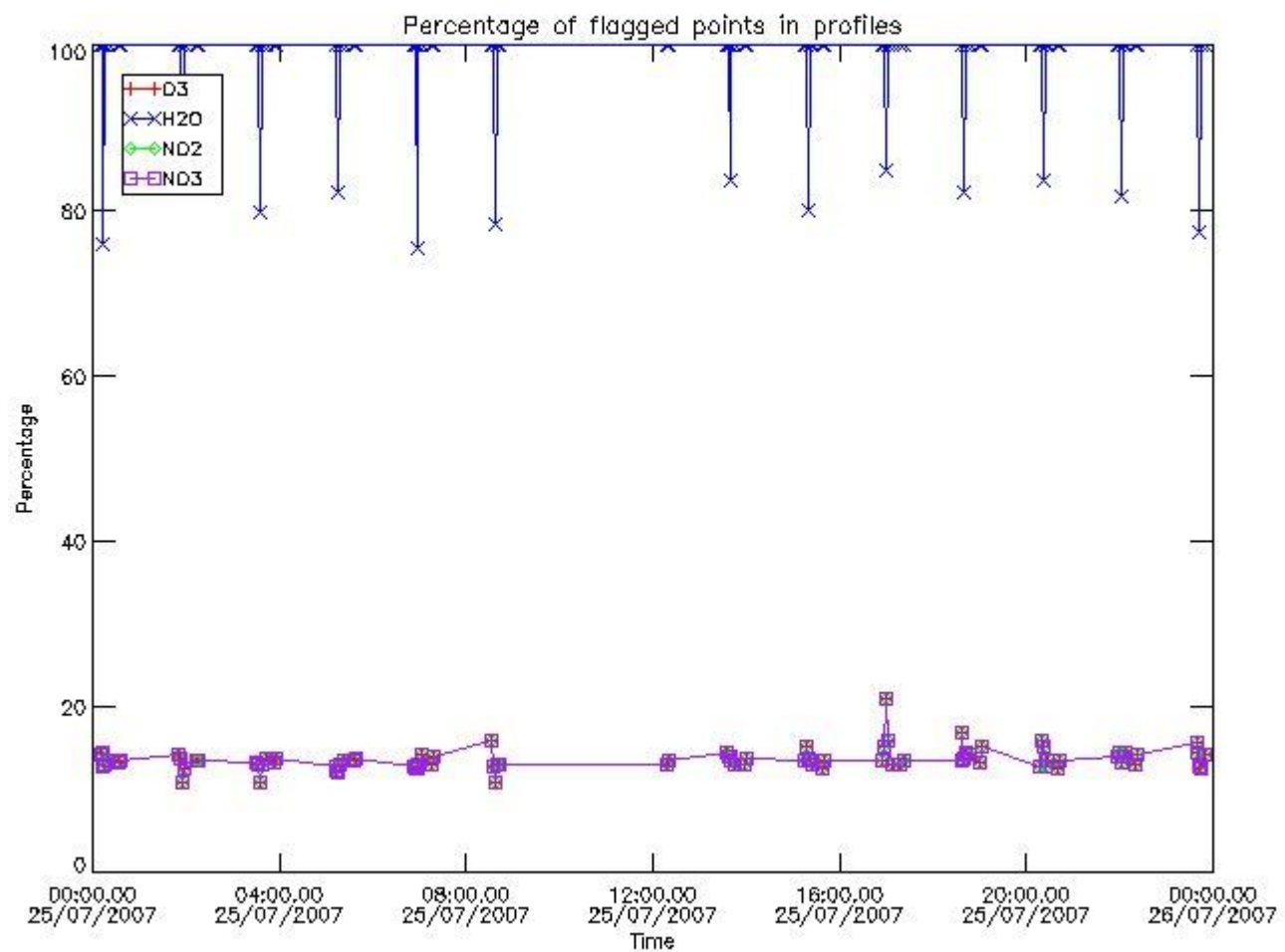
161	GOM_NL__2PRFIN20070725_173925_000000382060_00127_28237_2474.N1	25-JUL-2007 17:39:25	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28237	No
162	GOM_NL__2PRFIN20070725_174045_000000372060_00127_28237_2475.N1	25-JUL-2007 17:40:45	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28237	No
163	GOM_NL__2PRFIN20070725_175048_000000372060_00127_28237_2476.N1	25-JUL-2007 17:50:48	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	28237	No
164	GOM_NL__2PRFIN20070725_175752_000000402060_00127_28237_2477.N1	25-JUL-2007 17:57:52	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	28237	No
165	GOM_NL__2PRFIN20070725_180130_000000372060_00127_28237_2478.N1	25-JUL-2007 18:01:30	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28237	No
166	GOM_NL__2PRFIN20070725_180512_000000372060_00127_28237_2479.N1	25-JUL-2007 18:05:12	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28237	No
167	GOM_NL__2PRFIN20070725_180925_000000362060_00127_28237_2480.N1	25-JUL-2007 18:09:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28237	No
168	GOM_NL__2PRFIN20070725_181226_000000362060_00127_28237_2481.N1	25-JUL-2007 18:12:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28237	No
169	GOM_NL__2PRFIN20070725_182502_000000402060_00127_28237_2482.N1	25-JUL-2007 18:25:02	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	28237	No
170	GOM_NL__2PRFIN20070725_183625_000000382060_00127_28237_2483.N1	25-JUL-2007 18:36:25	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28237	No
171	GOM_NL__2PRFIN20070725_183820_000000402060_00127_28237_2484.N1	25-JUL-2007 18:38:20	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28237	No
172	GOM_NL__2PRFIN20070725_184039_000000372060_00127_28237_2485.N1	25-JUL-2007 18:40:39	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	28237	No
173	GOM_NL__2PRFIN20070725_184257_000000392060_00127_28237_2486.N1	25-JUL-2007 18:42:57	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28237	No
174	GOM_NL__2PRFIN20070725_184716_000000362060_00127_28237_2487.N1	25-JUL-2007 18:47:16	Dark	36.000	108	Alp Col	2.6520	15200.	72	28237	No
175	GOM_NL__2PRFIN20070725_185917_000000392060_00128_28238_2484.N1	25-JUL-2007 18:59:17	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28238	No
176	GOM_NL__2PRFIN20070725_190222_000000372060_00128_28238_2485.N1	25-JUL-2007 19:02:22	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28238	No
177	GOM_NL__2PRFIN20070725_190655_000000412060_00128_28238_2486.N1	25-JUL-2007 19:06:55	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28238	No
178	GOM_NL__2PRFIN20070725_191024_000000382060_00128_28238_2487.N1	25-JUL-2007 19:10:24	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28238	No
179	GOM_NL__2PRFIN20070725_191806_000000392060_00128_28238_2488.N1	25-JUL-2007 19:18:06	Bright	38.500	38	20Eps Sgr	1.8360	11000.	77	28238	No
180	GOM_NL__2PRFIN20070725_192001_000000472060_00128_28238_2489.N1	25-JUL-2007 19:20:01	Bright	46.500	57	34Sig Sgr	2.0660	26000.	93	28238	No
181	GOM_NL__2PRFIN20070725_192121_000000382060_00128_28238_2490.N1	25-JUL-2007 19:21:21	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28238	No
182	GOM_NL__2PRFIN20070725_193124_000000362060_00128_28238_2491.N1	25-JUL-2007 19:31:24	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28238	No
183	GOM_NL__2PRFIN20070725_193828_000000362060_00128_28238_2492.N1	25-JUL-2007 19:38:28	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28238	No
184	GOM_NL__2PRFIN20070725_194206_000000382060_00128_28238_2493.N1	25-JUL-2007 19:42:06	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28238	No
185	GOM_NL__2PRFIN20070725_194548_000000372060_00128_28238_2494.N1	25-JUL-2007 19:45:48	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28238	No
186	GOM_NL__2PRFIN20070725_195001_000000332060_00128_28238_2495.N1	25-JUL-2007 19:50:01	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28238	No
187	GOM_NL__2PRFIN20070725_195302_000000362060_00128_28238_2496.N1	25-JUL-2007 19:53:02	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28238	No
188	GOM_NL__2PRFIN20070725_200538_000000382060_00128_28238_2497.N1	25-JUL-2007 20:05:38	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28238	No
189	GOM_NL__2PRFIN20070725_201040_000000392060_00128_28238_2498.N1	25-JUL-2007 20:10:40	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	28238	No
190	GOM_NL__2PRFIN20070725_201701_000000402060_00128_28238_2499.N1	25-JUL-2007 20:17:01	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28238	No
191	GOM_NL__2PRFIN20070725_201856_000000352060_00128_28238_2500.N1	25-JUL-2007 20:18:56	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28238	No
192	GOM_NL__2PRFIN20070725_202116_000000372060_00128_28238_2501.N1	25-JUL-2007 20:21:16	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	28238	No
193	GOM_NL__2PRFIN20070725_202333_000000402060_00128_28238_2502.N1	25-JUL-2007 20:23:33	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28238	No
194	GOM_NL__2PRFIN20070725_202752_000000382060_00128_28238_2503.N1	25-JUL-2007 20:27:52	Dark	37.500	108	Alp Col	2.6520	15200.	75	28238	No
195	GOM_NL__2PRFIN20070725_203954_000000412060_00129_28239_2538.N1	25-JUL-2007 20:39:54	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28239	No
196	GOM_NL__2PRFIN20070725_204258_000000382060_00129_28239_2539.N1	25-JUL-2007 20:42:58	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28239	No
197	GOM_NL__2PRFIN20070725_204731_000000482060_00129_28239_2540.N1	25-JUL-2007 20:47:31	Straylight	47.500	148	Alp Tuc	2.8780	4100.0	95	28239	No
198	GOM_NL__2PRFIN20070725_205101_000000392060_00129_28239_2541.N1	25-JUL-2007 20:51:01	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28239	No
199	GOM_NL__2PRFIN20070725_205842_000000422060_00129_28239_2542.N1	25-JUL-2007 20:58:42	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	28239	No
200	GOM_NL__2PRFIN20070725_210037_000000382060_00129_28239_2543.N1	25-JUL-2007 21:00:37	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28239	No
201	GOM_NL__2PRFIN20070725_210157_000000372060_00129_28239_2544.N1	25-JUL-2007 21:01:57	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28239	No
202	GOM_NL__2PRFIN20070725_211200_000000372060_00129_28239_2545.N1	25-JUL-2007 21:12:00	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	28239	No
203	GOM_NL__2PRFIN20070725_211904_000000342060_00129_28239_2546.N1	25-JUL-2007 21:19:04	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28239	No
204	GOM_NL__2PRFIN20070725_212242_000000392060_00129_28239_2547.N1	25-JUL-2007 21:22:42	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	28239	No
205	GOM_NL__2PRFIN20070725_212624_000000372060_00129_28239_2548.N1	25-JUL-2007 21:26:24	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28239	No
206	GOM_NL__2PRFIN20070725_213038_000000372060_00129_28239_2549.N1	25-JUL-2007 21:30:38	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28239	No
207	GOM_NL__2PRFIN20070725_213338_000000362060_00129_28239_2550.N1	25-JUL-2007 21:33:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28239	No
208	GOM_NL__2PRFIN20070725_214614_000000392060_00129_28239_2551.N1	25-JUL-2007 21:46:14	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28239	No
209	GOM_NL__2PRFIN20070725_215116_000000372060_00129_28239_2552.N1	25-JUL-2007 21:51:16	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	28239	No
210	GOM_NL__2PRFIN20070725_215737_000000372060_00129_28239_2553.N1	25-JUL-2007 21:57:37	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	28239	No
211	GOM_NL__2PRFIN20070725_215932_000000352060_00129_28239_2554.N1	25-JUL-2007 21:59:32	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28239	No
212	GOM_NL__2PRFIN20070725_220152_000000392060_00129_28239_2555.N1	25-JUL-2007 22:01:52	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	28239	No
213	GOM_NL__2PRFIN20070725_220409_000000402060_00129_28239_2556.N1	25-JUL-2007 22:04:09	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28239	No
214	GOM_NL__2PRFIN20070725_220828_000000392060_00129_28239_2557.N1	25-JUL-2007 22:08:28	Dark	39.000	108	Alp Col	2.6520	15200.	78	28239	No
215	GOM_NL__2PRFIN20070725_222030_000000402060_00130_28240_2554.N1	25-JUL-2007 22:20:30	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28240	No
216	GOM_NL__2PRFIN20070725_222334_000000362060_00130_28240_2555.N1	25-JUL-2007 22:23:34	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28240	No
217	GOM_NL__2PRFIN20070725_222807_000000412060_00130_28240_2556.N1	25-JUL-2007 22:28:07	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28240	No
218	GOM_NL__2PRFIN20070725_223137_000000382060_00130_28240_2557.N1	25-JUL-2007 22:31:37	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28240	No
219	GOM_NL__2PRFIN20070725_223918_000000422060_00130_28240_2558.N1	25-JUL-2007 22:39:18	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	28240	No

220	GOM_NL__2PRFIN20070725_224113_000000402060_00130_28240_2559.N1	25-JUL-2007 22:41:13	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	28240	No
221	GOM_NL__2PRFIN20070725_225236_000000362060_00130_28240_2560.N1	25-JUL-2007 22:52:36	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28240	No
222	GOM_NL__2PRFIN20070725_225940_000000382060_00130_28240_2561.N1	25-JUL-2007 22:59:40	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	28240	No
223	GOM_NL__2PRFIN20070725_230318_000000382060_00130_28240_2562.N1	25-JUL-2007 23:03:18	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28240	No
224	GOM_NL__2PRFIN20070725_230700_000000362060_00130_28240_2563.N1	25-JUL-2007 23:07:00	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28240	No
225	GOM_NL__2PRFIN20070725_231114_000000332060_00130_28240_2564.N1	25-JUL-2007 23:11:14	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28240	No
226	GOM_NL__2PRFIN20070725_231414_000000332060_00130_28240_2565.N1	25-JUL-2007 23:14:14	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28240	No
227	GOM_NL__2PRFIN20070725_232650_000000392060_00130_28240_2566.N1	25-JUL-2007 23:26:50	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28240	No
228	GOM_NL__2PRFIN20070725_233152_000000392060_00130_28240_2567.N1	25-JUL-2007 23:31:52	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	28240	No
229	GOM_NL__2PRFIN20070725_233813_000000362060_00130_28240_2568.N1	25-JUL-2007 23:38:13	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	28240	No
230	GOM_NL__2PRFIN20070725_234009_000000352060_00130_28240_2569.N1	25-JUL-2007 23:40:09	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28240	No
231	GOM_NL__2PRFIN20070725_234228_000000402060_00130_28240_2570.N1	25-JUL-2007 23:42:28	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28240	No
232	GOM_NL__2PRFIN20070725_234445_000000412060_00130_28240_2571.N1	25-JUL-2007 23:44:45	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28240	No
233	GOM_NL__2PRFIN20070725_234904_000000402060_00130_28240_2572.N1	25-JUL-2007 23:49:04	Dark	39.500	108	Alp Col	2.6520	15200.	79	28240	No

### 3. Quality information per product

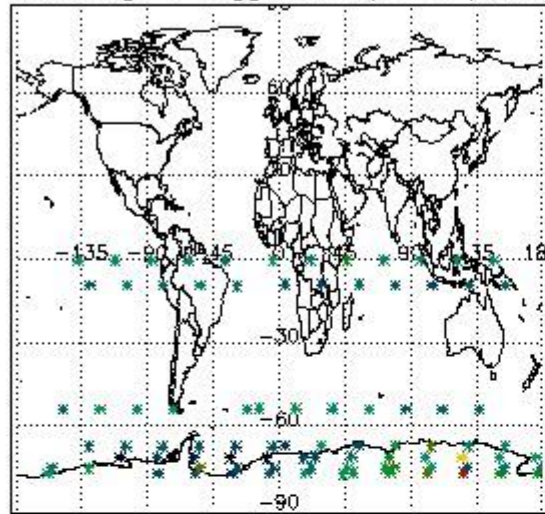
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

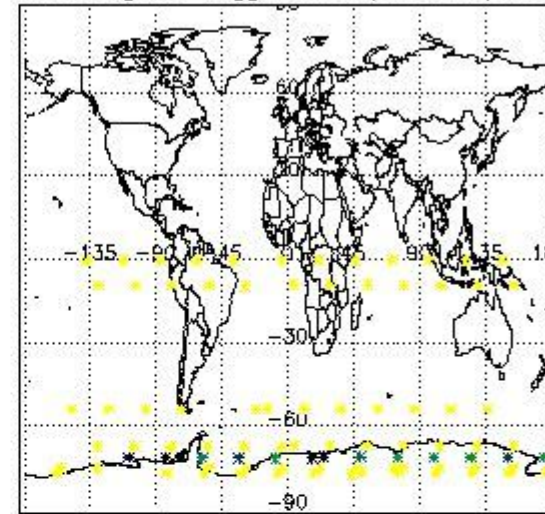


#### 3.2 Plot quality information per product (world map)

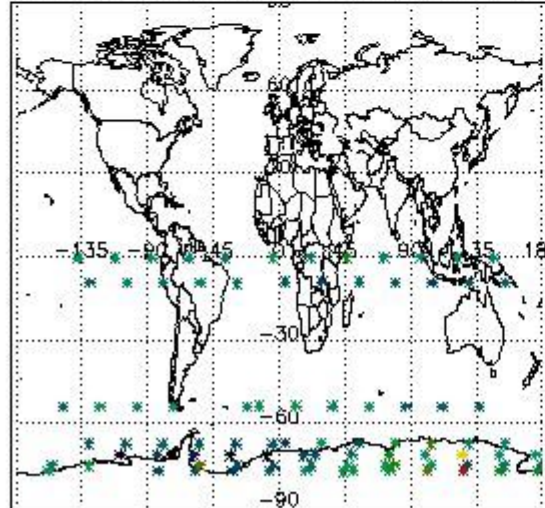
Percentage of flagged data per O3 profile



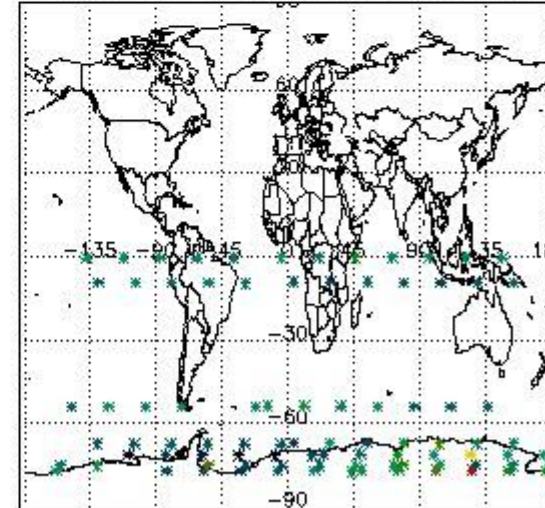
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



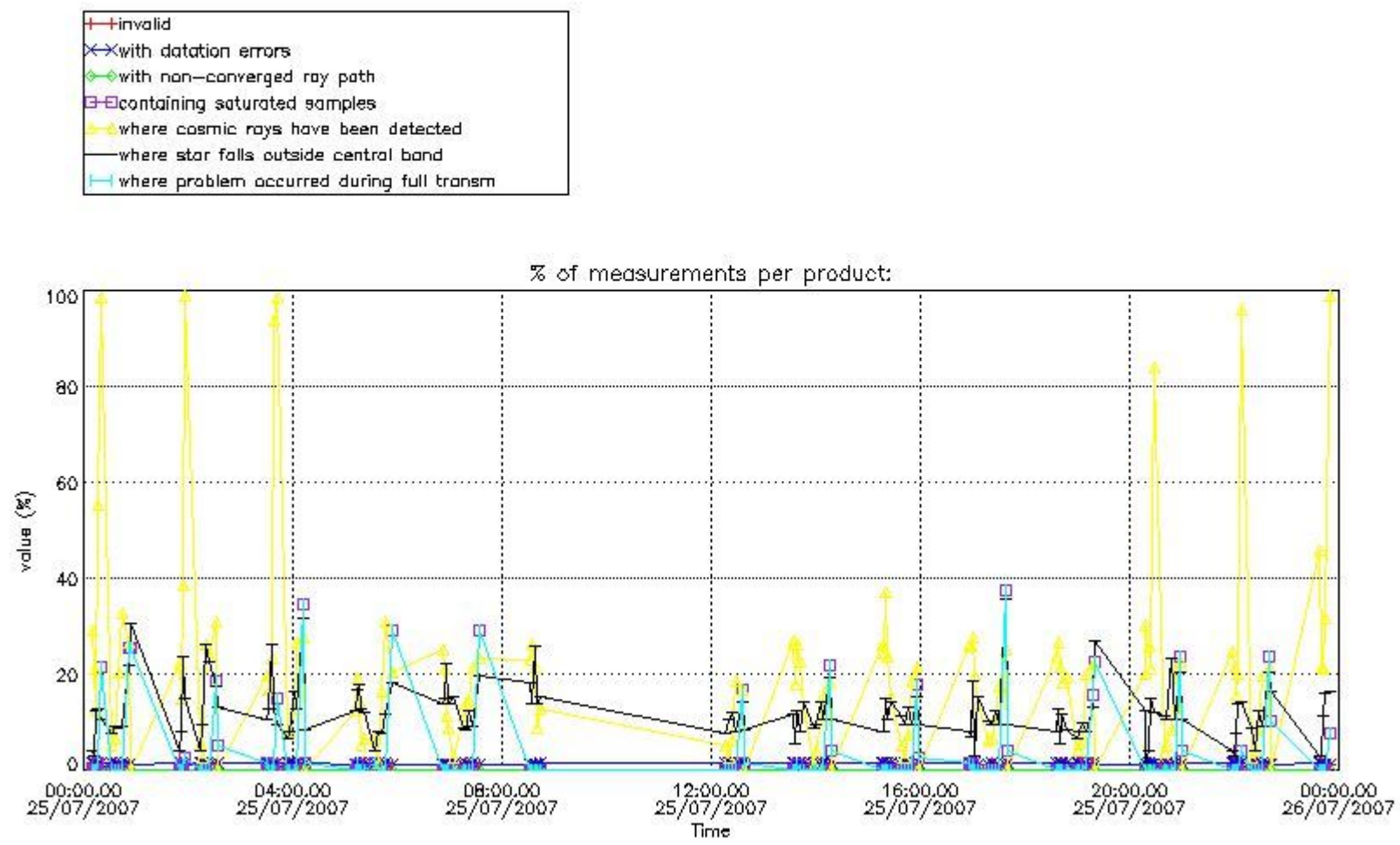
#### 4. Level 1 quality information per product

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

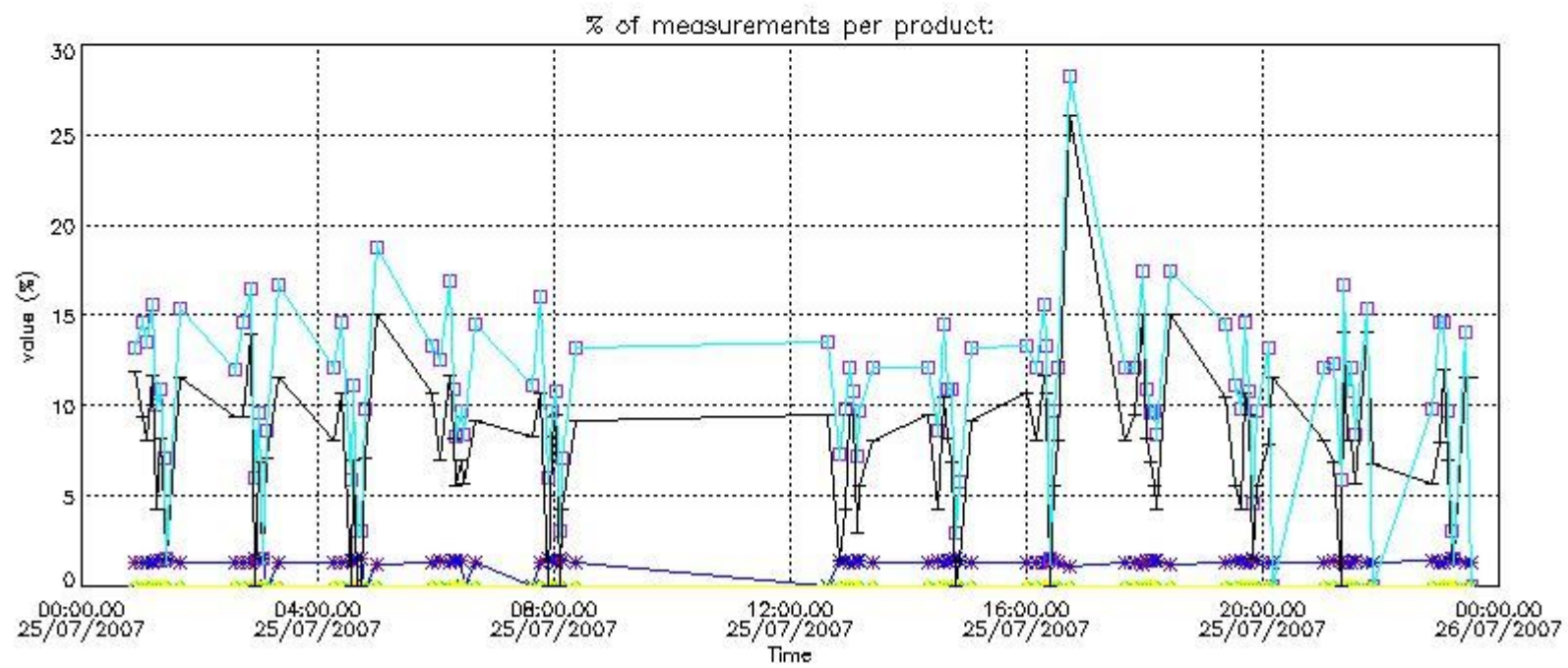
###### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

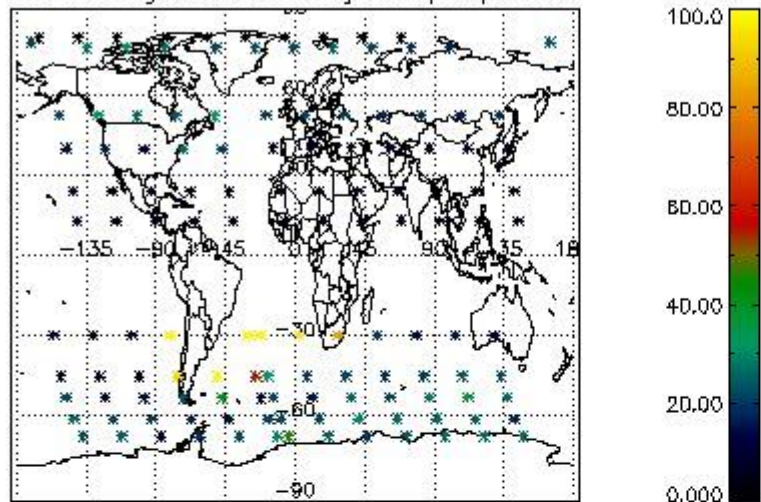




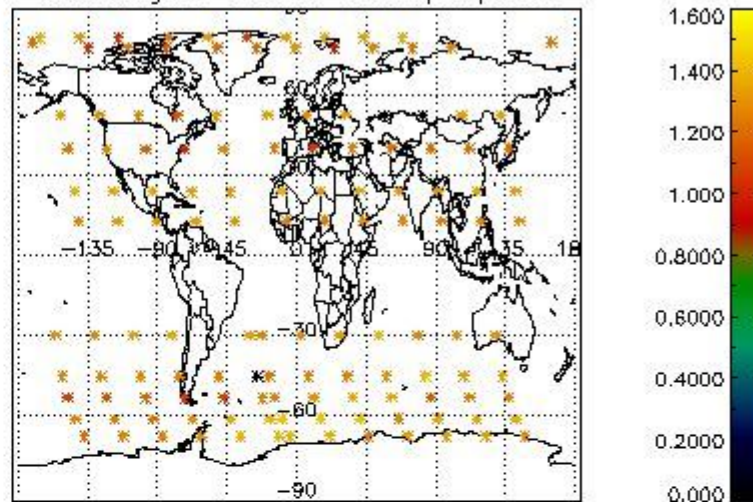
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

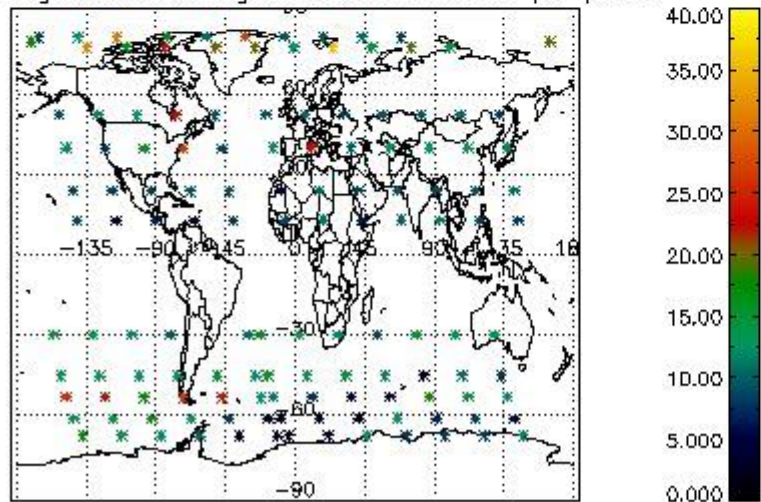
Percentage of cosmic ray hits per profile



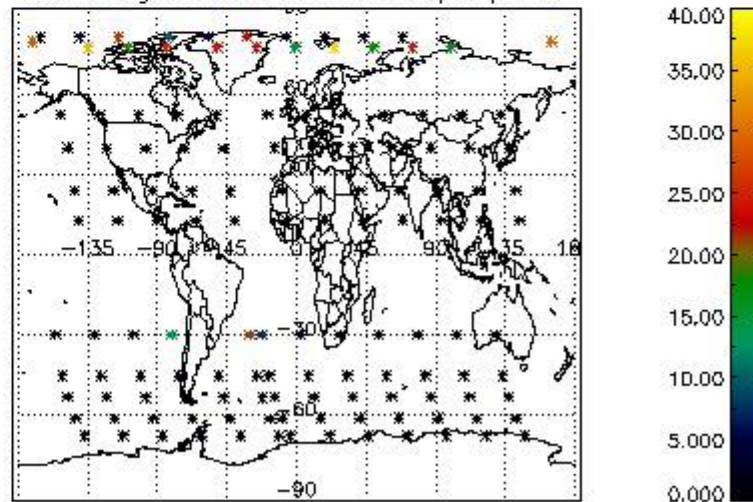
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

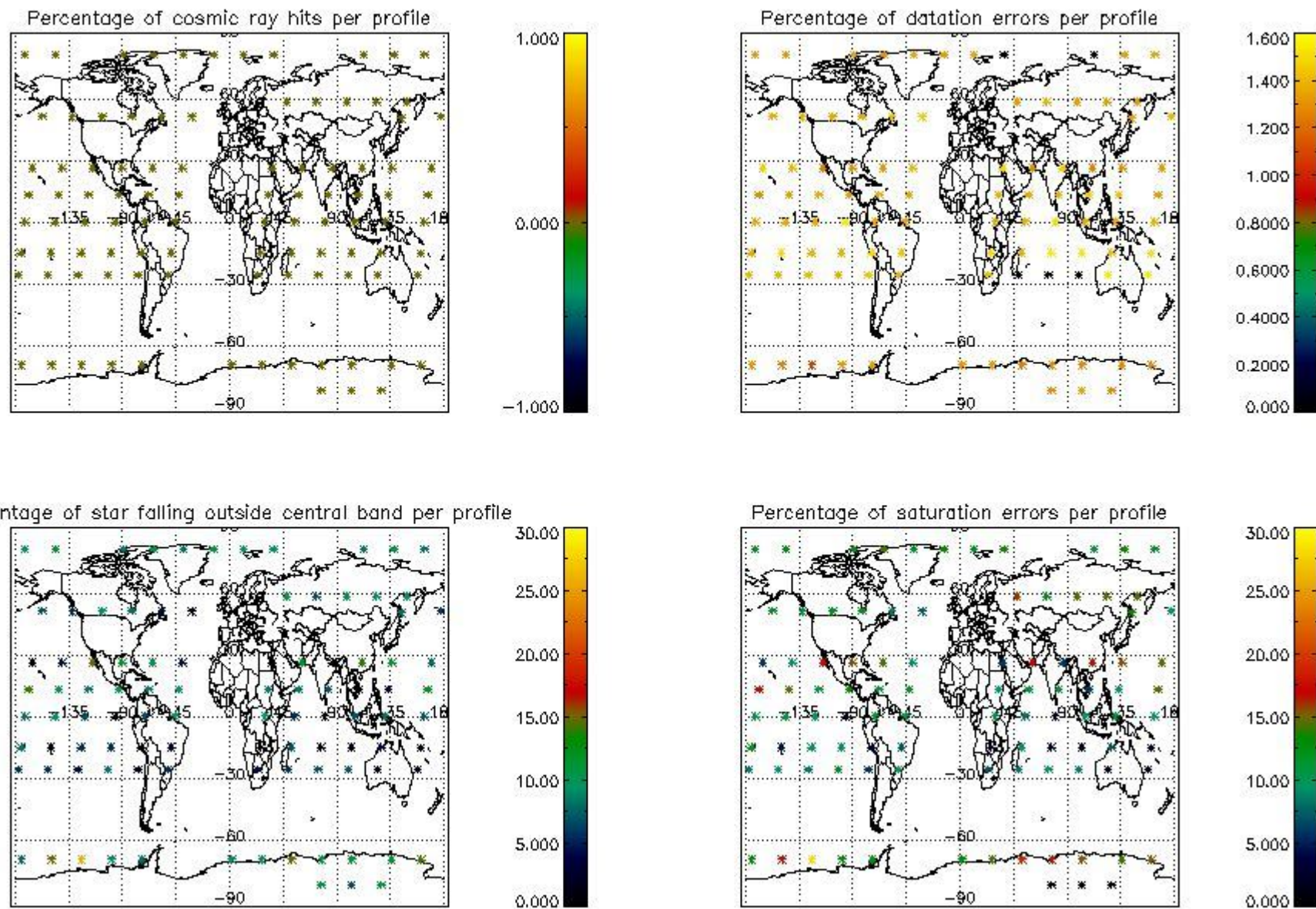


Percentage of saturation errors per profile



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

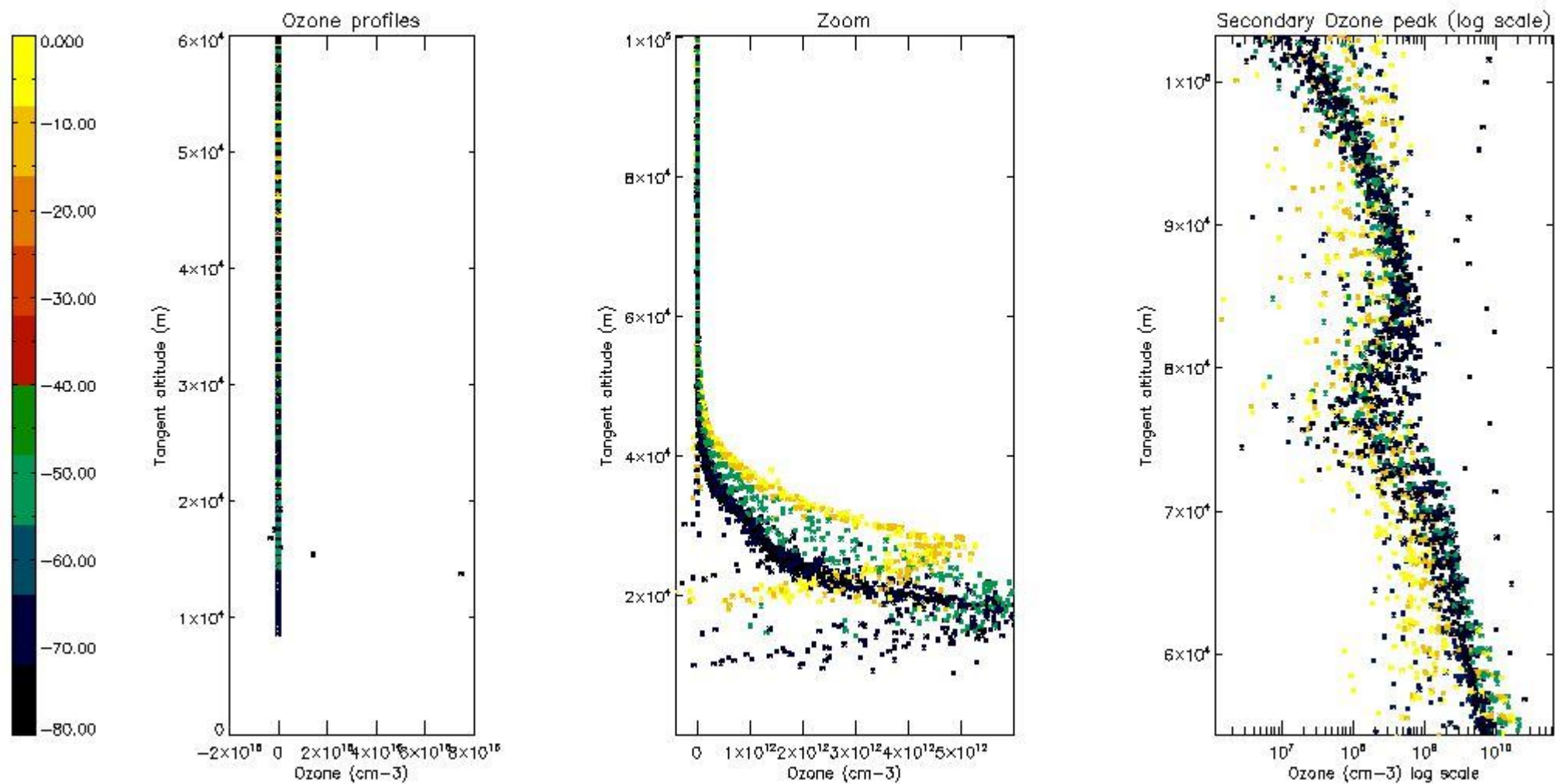
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	22

STD < 10	17
STD < 5	12

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

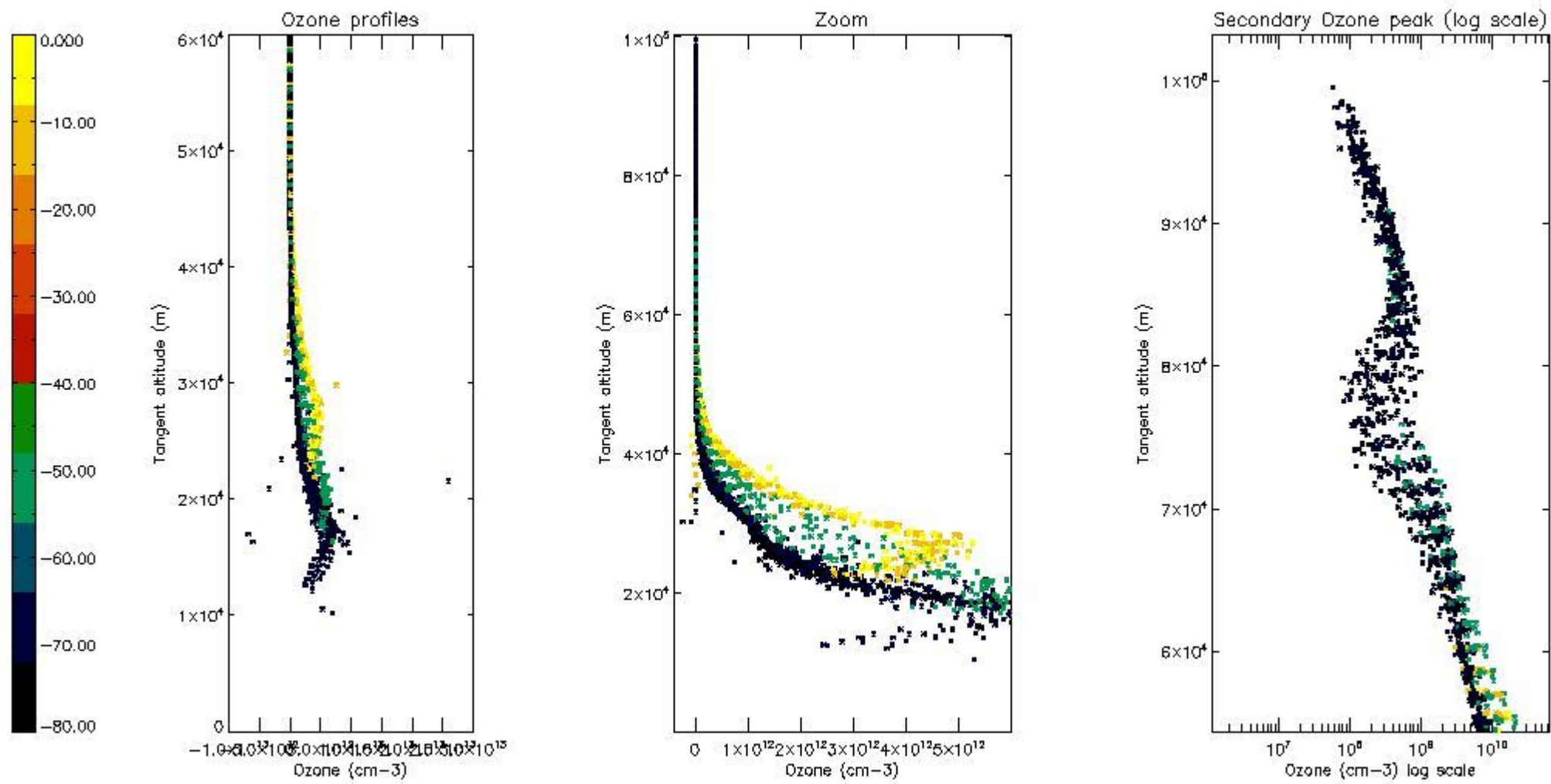
The colorbar represents the latitude.



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

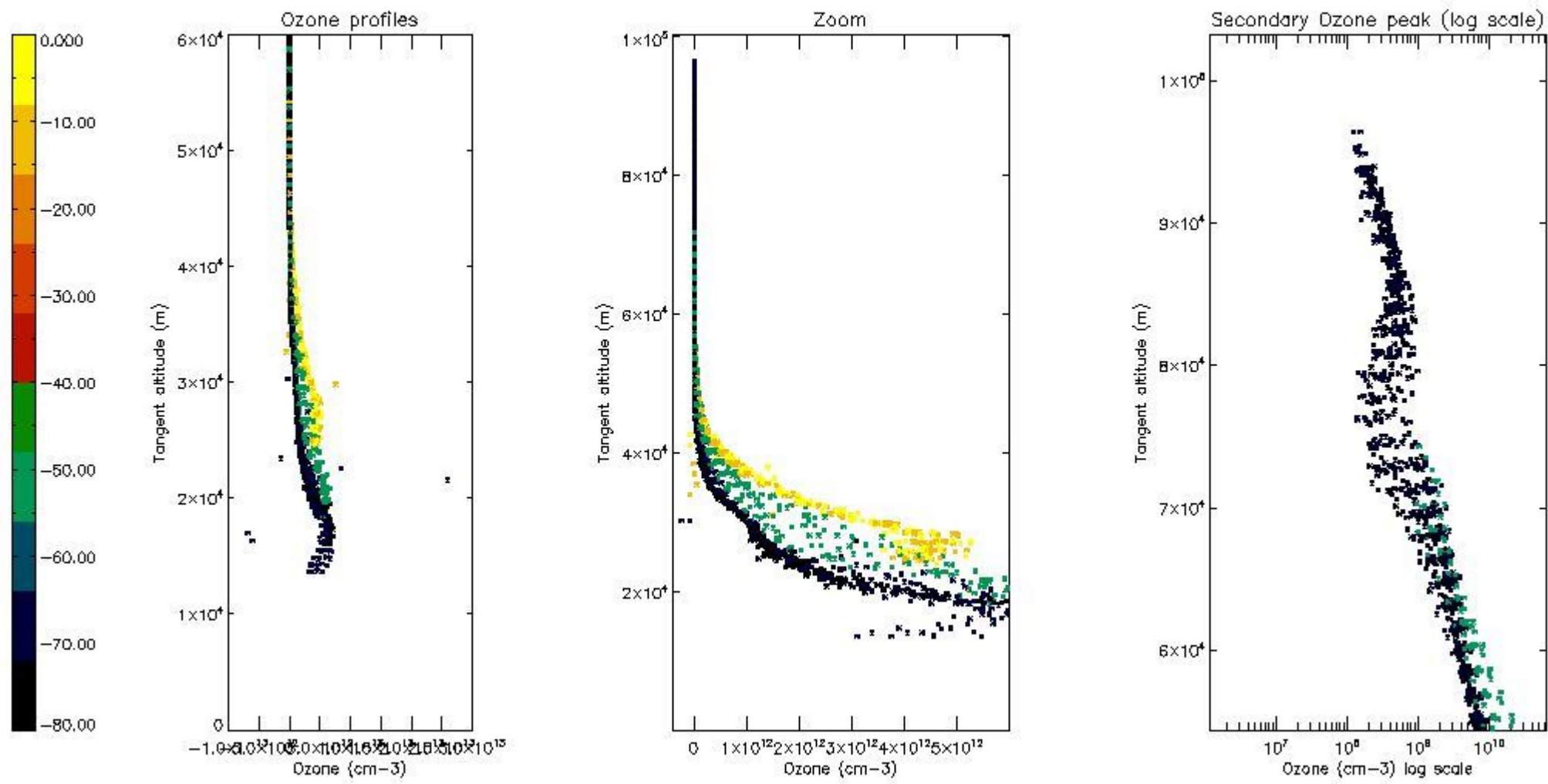
The colorbar represents the latitude.





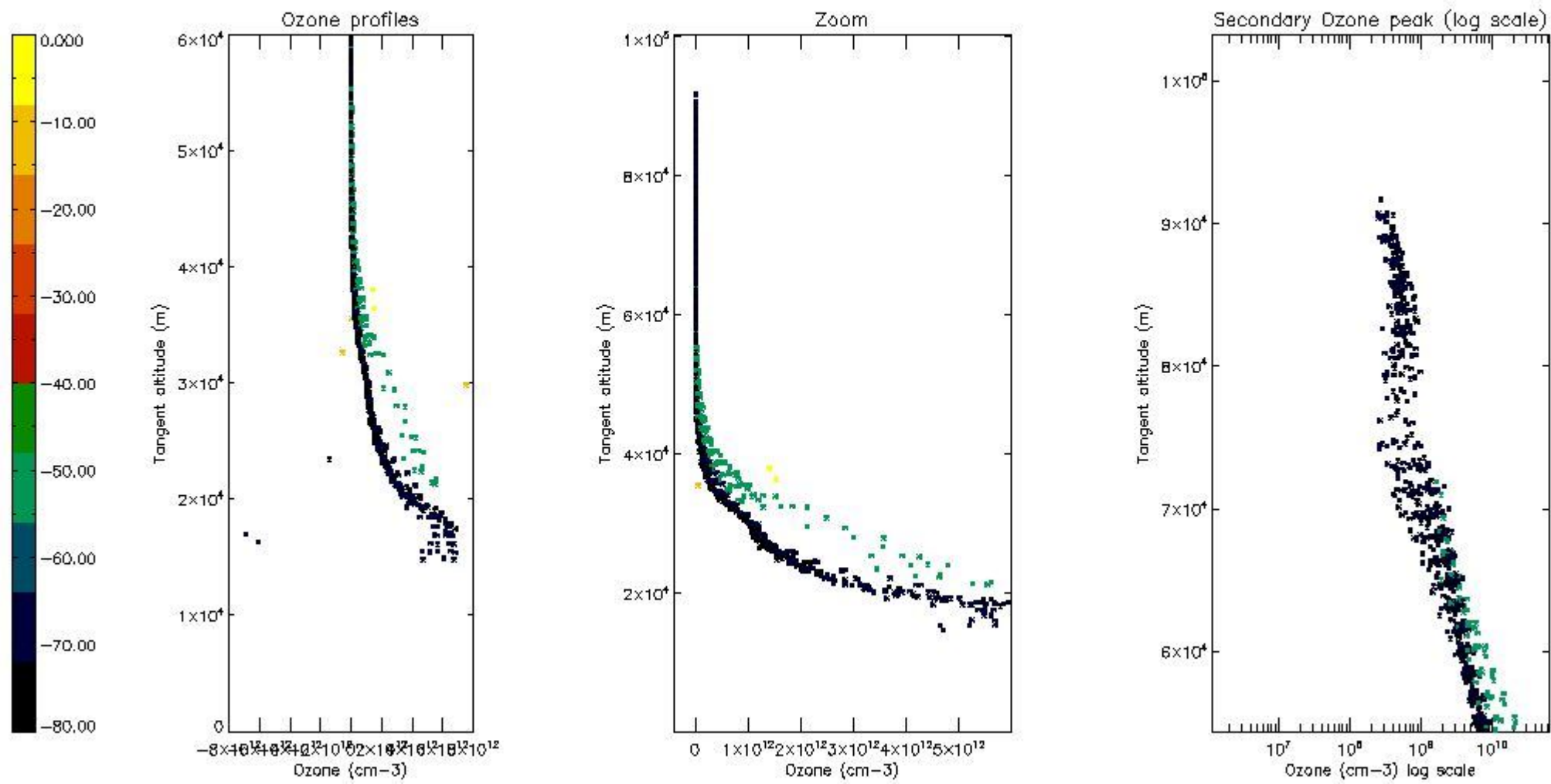
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



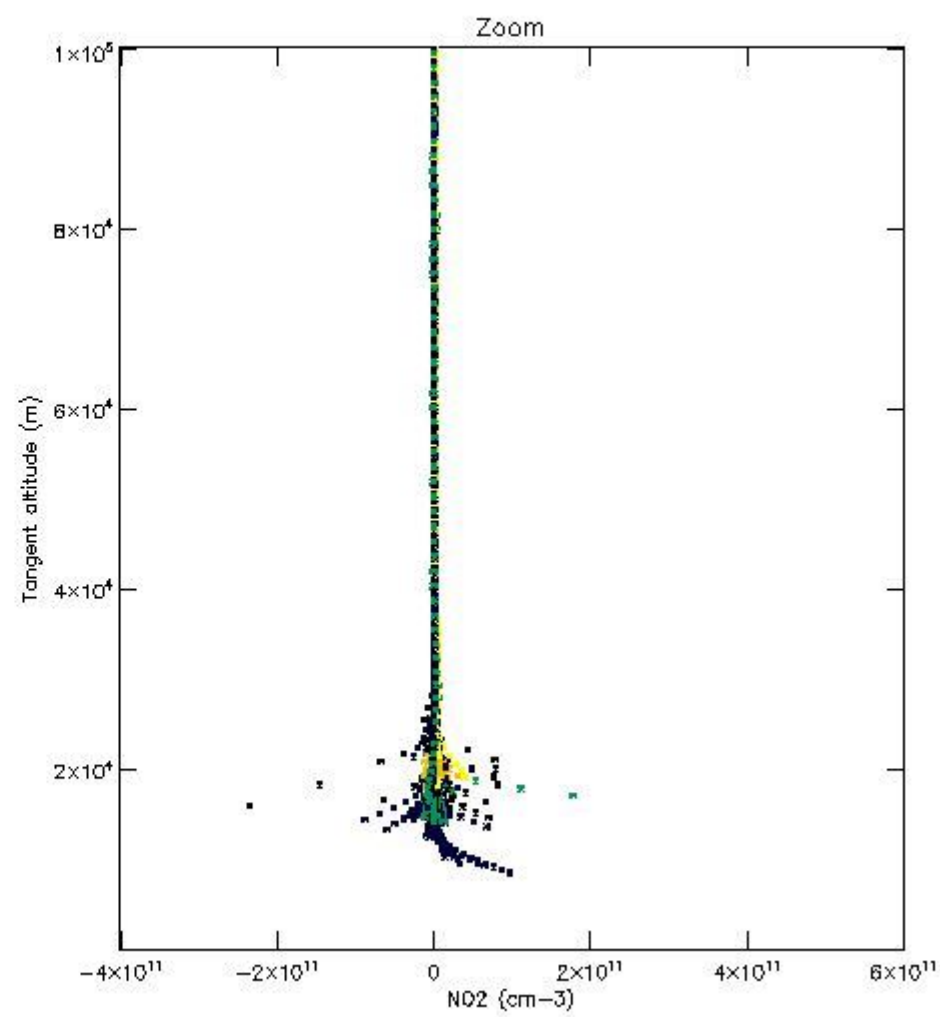
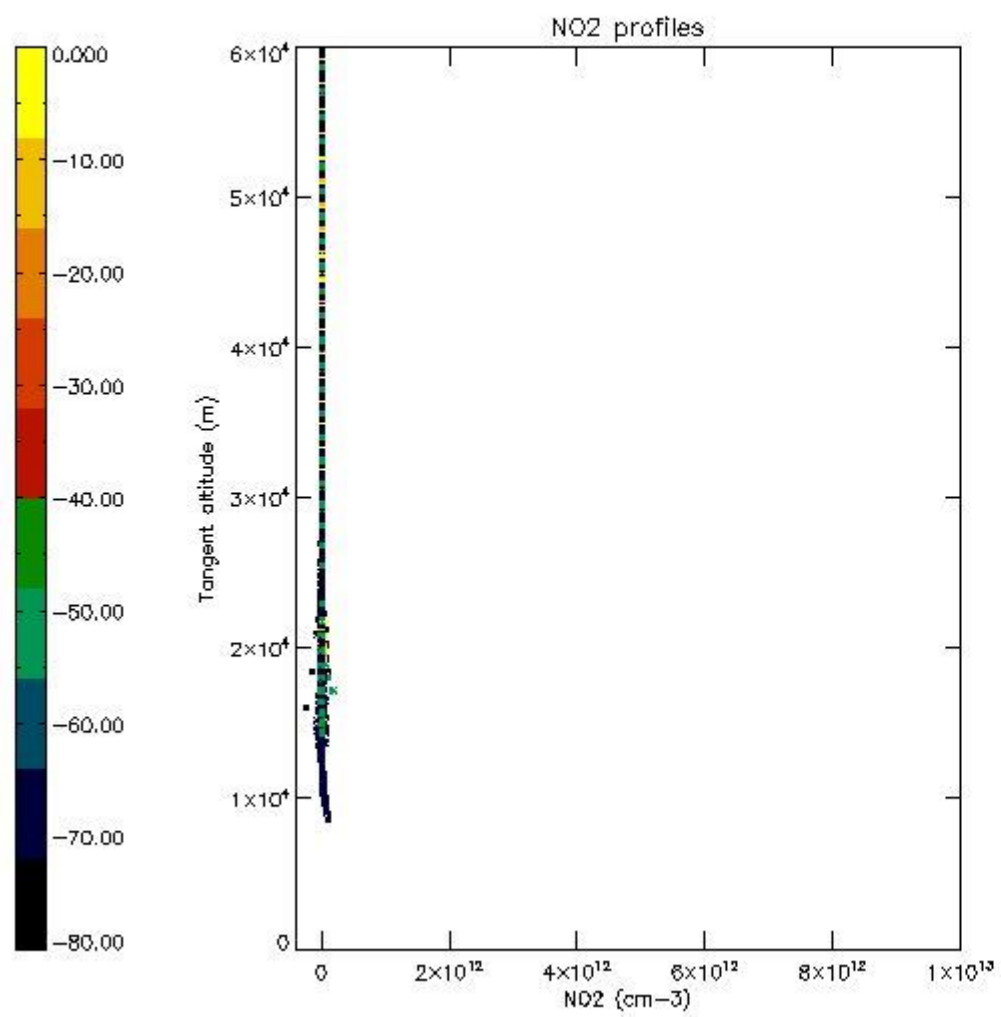
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

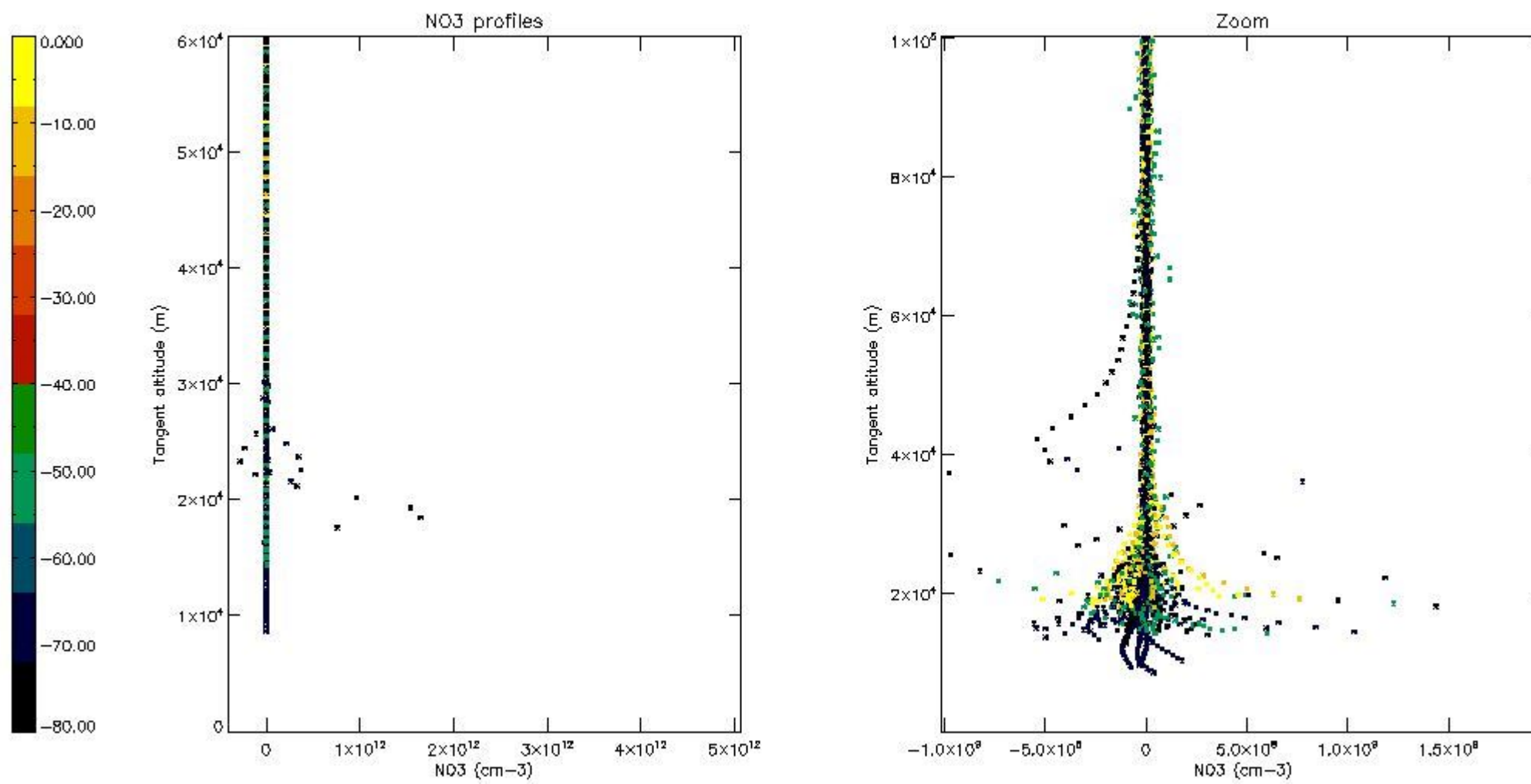
The colorbar represents the latitude.



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

The colorbar represents the latitude.





## 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	25-JUL-2007 00:09:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2007 00:09:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2007 00:09:46

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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#### [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	22APR2013 22:13:11
Data source version	GOMOS/6.01
Start time of products	25-07-2007 (25JUL2007 00:00:00)
Stop time of products	26-07-2007 (26JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20070725_000946_000000362060_00116_28226_2262.N1	25-JUL-2007 00:09:46	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	28226	No
2	GOM_NL__2PRFIN20070725_001142_000000362060_00116_28226_2263.N1	25-JUL-2007 00:11:42	Dark	35.500	30	46Eps Ori	1.6940	30000.	71	28226	No
3	GOM_NL__2PRFIN20070725_001400_000000402060_00116_28226_2264.N1	25-JUL-2007 00:14:00	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28226	No
4	GOM_NL__2PRFIN20070725_001618_000000392060_00116_28226_2265.N1	25-JUL-2007 00:16:18	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28226	No
5	GOM_NL__2PRFIN20070725_002038_000000382060_00116_28226_2266.N1	25-JUL-2007 00:20:38	Dark	37.500	108	Alp Col	2.6520	15200.	75	28226	No
6	GOM_NL__2PRFIN20070725_003236_000000392060_00117_28227_2293.N1	25-JUL-2007 00:32:36	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28227	No
7	GOM_NL__2PRFIN20070725_003543_000000382060_00117_28227_2294.N1	25-JUL-2007 00:35:43	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28227	No
8	GOM_NL__2PRFIN20070725_004014_000000402060_00117_28227_2295.N1	25-JUL-2007 00:40:14	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28227	No
9	GOM_NL__2PRFIN20070725_004346_000000382060_00117_28227_2296.N1	25-JUL-2007 00:43:46	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28227	No
10	GOM_NL__2PRFIN20070725_005129_000000442060_00117_28227_2297.N1	25-JUL-2007 00:51:29	Bright	43.500	38	20Eps Sgr	1.8360	11000.	87	28227	No
11	GOM_NL__2PRFIN20070725_005324_000000492060_00117_28227_2298.N1	25-JUL-2007 00:53:24	Bright	49.000	57	34Sig Sgr	2.0660	26000.	98	28227	No
12	GOM_NL__2PRFIN20070725_005443_000000382060_00117_28227_2299.N1	25-JUL-2007 00:54:43	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28227	No
13	GOM_NL__2PRFIN20070725_010243_000000382060_00117_28227_2300.N1	25-JUL-2007 01:02:43	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28227	No
14	GOM_NL__2PRFIN20070725_010502_000000372060_00117_28227_2301.N1	25-JUL-2007 01:05:02	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28227	No
15	GOM_NL__2PRFIN20070725_011153_000000392060_00117_28227_2302.N1	25-JUL-2007 01:11:53	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28227	No
16	GOM_NL__2PRFIN20070725_011529_000000352060_00117_28227_2303.N1	25-JUL-2007 01:15:29	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	28227	No
17	GOM_NL__2PRFIN20070725_011909_000000372060_00117_28227_2304.N1	25-JUL-2007 01:19:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28227	No
18	GOM_NL__2PRFIN20070725_012323_000000352060_00117_28227_2305.N1	25-JUL-2007 01:23:23	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	28227	No
19	GOM_NL__2PRFIN20070725_012627_000000332060_00117_28227_2306.N1	25-JUL-2007 01:26:27	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28227	No
20	GOM_NL__2PRFIN20070725_013902_000000392060_00117_28227_2307.N1	25-JUL-2007 01:39:02	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28227	No
21	GOM_NL__2PRFIN20070725_015023_000000362060_00117_28227_2308.N1	25-JUL-2007 01:50:23	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	28227	No
22	GOM_NL__2PRFIN20070725_015218_000000372060_00117_28227_2309.N1	25-JUL-2007 01:52:18	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28227	No
23	GOM_NL__2PRFIN20070725_015437_000000472060_00117_28227_2310.N1	25-JUL-2007 01:54:37	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28227	No
24	GOM_NL__2PRFIN20070725_015655_000000412060_00117_28227_2311.N1	25-JUL-2007 01:56:55	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28227	No
25	GOM_NL__2PRFIN20070725_021312_000000382060_00118_28228_2304.N1	25-JUL-2007 02:13:12	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28228	No
26	GOM_NL__2PRFIN20070725_021619_000000382060_00118_28228_2305.N1	25-JUL-2007 02:16:19	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28228	No
27	GOM_NL__2PRFIN20070725_022050_000000502060_00118_28228_2306.N1	25-JUL-2007 02:20:50	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	28228	No
28	GOM_NL__2PRFIN20070725_022422_000000452060_00118_28228_2307.N1	25-JUL-2007 02:24:22	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	28228	No
29	GOM_NL__2PRFIN20070725_023205_000000412060_00118_28228_2308.N1	25-JUL-2007 02:32:05	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	28228	No
30	GOM_NL__2PRFIN20070725_023400_000000392060_00118_28228_2309.N1	25-JUL-2007 02:34:00	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28228	No
31	GOM_NL__2PRFIN20070725_023520_000000382060_00118_28228_2310.N1	25-JUL-2007 02:35:20	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28228	No
32	GOM_NL__2PRFIN20070725_024319_000000382060_00118_28228_2311.N1	25-JUL-2007 02:43:19	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28228	No
33	GOM_NL__2PRFIN20070725_025229_000000402060_00118_28228_2312.N1	25-JUL-2007 02:52:29	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	28228	No
34	GOM_NL__2PRFIN20070725_025605_000000342060_00118_28228_2313.N1	25-JUL-2007 02:56:05	Bright	33.500	69	33Gam Dra	2.2310	3800.0	67	28228	No
35	GOM_NL__2PRFIN20070725_025946_000000372060_00118_28228_2314.N1	25-JUL-2007 02:59:46	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28228	No
36	GOM_NL__2PRFIN20070725_030359_000000332060_00118_28228_2315.N1	25-JUL-2007 03:03:59	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28228	No
37	GOM_NL__2PRFIN20070725_030703_000000352060_00118_28228_2316.N1	25-JUL-2007 03:07:03	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28228	No
38	GOM_NL__2PRFIN20070725_031938_000000392060_00118_28228_2317.N1	25-JUL-2007 03:19:38	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28228	No
39	GOM_NL__2PRFIN20070725_033059_000000392060_00118_28228_2318.N1	25-JUL-2007 03:30:59	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	28228	No
40	GOM_NL__2PRFIN20070725_033254_000000392060_00118_28228_2319.N1	25-JUL-2007 03:32:54	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	28228	No
41	GOM_NL__2PRFIN20070725_033513_000000482060_00118_28228_2320.N1	25-JUL-2007 03:35:13	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	28228	No
42	GOM_NL__2PRFIN20070725_033731_000000402060_00118_28228_2321.N1	25-JUL-2007 03:37:31	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28228	No

43	GOM_NL__2PRFIN20070725_034151_000000372060_00118_28228_2322.N1	25-JUL-2007 03:41:51	Dark	37.000	108	Alp Col	2.6520	15200.	74	28228	No
44	GOM_NL__2PRFIN20070725_035349_000000392060_00119_28229_2320.N1	25-JUL-2007 03:53:49	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28229	No
45	GOM_NL__2PRFIN20070725_035656_000000372060_00119_28229_2321.N1	25-JUL-2007 03:56:56	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28229	No
46	GOM_NL__2PRFIN20070725_040127_000000432060_00119_28229_2322.N1	25-JUL-2007 04:01:27	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28229	No
47	GOM_NL__2PRFIN20070725_040458_000000402060_00119_28229_2323.N1	25-JUL-2007 04:04:58	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28229	No
48	GOM_NL__2PRFIN20070725_041241_000000492060_00119_28229_2324.N1	25-JUL-2007 04:12:41	Bright	49.000	38	20Eps Sgr	1.8360	11000.	98	28229	No
49	GOM_NL__2PRFIN20070725_041436_000000372060_00119_28229_2325.N1	25-JUL-2007 04:14:36	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	28229	No
50	GOM_NL__2PRFIN20070725_041556_000000372060_00119_28229_2326.N1	25-JUL-2007 04:15:56	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28229	No
51	GOM_NL__2PRFIN20070725_042355_000000382060_00119_28229_2327.N1	25-JUL-2007 04:23:55	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28229	No
52	GOM_NL__2PRFIN20070725_043305_000000342060_00119_28229_2328.N1	25-JUL-2007 04:33:05	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28229	No
53	GOM_NL__2PRFIN20070725_043642_000000362060_00119_28229_2329.N1	25-JUL-2007 04:36:42	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28229	No
54	GOM_NL__2PRFIN20070725_044022_000000332060_00119_28229_2330.N1	25-JUL-2007 04:40:22	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	28229	No
55	GOM_NL__2PRFIN20070725_044436_000000332060_00119_28229_2331.N1	25-JUL-2007 04:44:36	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28229	No
56	GOM_NL__2PRFIN20070725_044739_000000362060_00119_28229_2332.N1	25-JUL-2007 04:47:39	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28229	No
57	GOM_NL__2PRFIN20070725_050014_000000402060_00119_28229_2333.N1	25-JUL-2007 05:00:14	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	28229	No
58	GOM_NL__2PRFIN20070725_051135_000000402060_00119_28229_2334.N1	25-JUL-2007 05:11:35	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28229	No
59	GOM_NL__2PRFIN20070725_051331_000000422060_00119_28229_2335.N1	25-JUL-2007 05:13:31	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	28229	No
60	GOM_NL__2PRFIN20070725_051549_000000432060_00119_28229_2336.N1	25-JUL-2007 05:15:49	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	28229	No
61	GOM_NL__2PRFIN20070725_051807_000000392060_00119_28229_2337.N1	25-JUL-2007 05:18:07	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28229	No
62	GOM_NL__2PRFIN20070725_052227_000000382060_00119_28229_2338.N1	25-JUL-2007 05:22:27	Dark	37.500	108	Alp Col	2.6520	15200.	75	28229	No
63	GOM_NL__2PRFIN20070725_053426_000000382060_00120_28230_2336.N1	25-JUL-2007 05:34:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28230	No
64	GOM_NL__2PRFIN20070725_053732_000000372060_00120_28230_2337.N1	25-JUL-2007 05:37:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28230	No
65	GOM_NL__2PRFIN20070725_054203_000000402060_00120_28230_2338.N1	25-JUL-2007 05:42:03	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28230	No
66	GOM_NL__2PRFIN20070725_054534_000000392060_00120_28230_2339.N1	25-JUL-2007 05:45:34	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	28230	No
67	GOM_NL__2PRFIN20070725_055407_000000422060_00120_28230_2340.N1	25-JUL-2007 05:54:07	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	28230	No
68	GOM_NL__2PRFIN20070725_055632_000000382060_00120_28230_2341.N1	25-JUL-2007 05:56:32	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28230	No
69	GOM_NL__2PRFIN20070725_060432_000000362060_00120_28230_2342.N1	25-JUL-2007 06:04:32	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	28230	No
70	GOM_NL__2PRFIN20070725_061341_000000392060_00120_28230_2343.N1	25-JUL-2007 06:13:41	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28230	No
71	GOM_NL__2PRFIN20070725_061718_000000372060_00120_28230_2344.N1	25-JUL-2007 06:17:18	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28230	No
72	GOM_NL__2PRFIN20070725_062058_000000362060_00120_28230_2345.N1	25-JUL-2007 06:20:58	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28230	No
73	GOM_NL__2PRFIN20070725_062512_000000362060_00120_28230_2346.N1	25-JUL-2007 06:25:12	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28230	No
74	GOM_NL__2PRFIN20070725_062815_000000362060_00120_28230_2347.N1	25-JUL-2007 06:28:15	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28230	No
75	GOM_NL__2PRFIN20070725_064050_000000382060_00120_28230_2348.N1	25-JUL-2007 06:40:50	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28230	No
76	GOM_NL__2PRFIN20070725_065212_000000402060_00120_28230_2349.N1	25-JUL-2007 06:52:12	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28230	No
77	GOM_NL__2PRFIN20070725_065407_000000412060_00120_28230_2350.N1	25-JUL-2007 06:54:07	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28230	No
78	GOM_NL__2PRFIN20070725_065625_000000452060_00120_28230_2351.N1	25-JUL-2007 06:56:25	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	28230	No
79	GOM_NL__2PRFIN20070725_065843_000000402060_00120_28230_2352.N1	25-JUL-2007 06:58:43	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28230	No
80	GOM_NL__2PRFIN20070725_070303_000000402060_00120_28230_2353.N1	25-JUL-2007 07:03:03	Dark	39.500	108	Alp Col	2.6520	15200.	79	28230	No
81	GOM_NL__2PRFIN20070725_071502_000000402060_00121_28231_2347.N1	25-JUL-2007 07:15:02	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28231	No
82	GOM_NL__2PRFIN20070725_071808_000000372060_00121_28231_2348.N1	25-JUL-2007 07:18:08	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28231	No
83	GOM_NL__2PRFIN20070725_072240_000000412060_00121_28231_2349.N1	25-JUL-2007 07:22:40	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28231	No
84	GOM_NL__2PRFIN20070725_072611_000000382060_00121_28231_2350.N1	25-JUL-2007 07:26:11	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28231	No
85	GOM_NL__2PRFIN20070725_073444_000000412060_00121_28231_2351.N1	25-JUL-2007 07:34:44	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	28231	No
86	GOM_NL__2PRFIN20070725_073708_000000362060_00121_28231_2352.N1	25-JUL-2007 07:37:08	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28231	No
87	GOM_NL__2PRFIN20070725_074508_000000382060_00121_28231_2353.N1	25-JUL-2007 07:45:08	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28231	No
88	GOM_NL__2PRFIN20070725_075417_000000342060_00121_28231_2354.N1	25-JUL-2007 07:54:17	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28231	No
89	GOM_NL__2PRFIN20070725_075754_000000362060_00121_28231_2355.N1	25-JUL-2007 07:57:54	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28231	No
90	GOM_NL__2PRFIN20070725_080134_000000372060_00121_28231_2356.N1	25-JUL-2007 08:01:34	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28231	No
91	GOM_NL__2PRFIN20070725_080548_000000332060_00121_28231_2357.N1	25-JUL-2007 08:05:48	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28231	No
92	GOM_NL__2PRFIN20070725_080851_000000352060_00121_28231_2358.N1	25-JUL-2007 08:08:51	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28231	No
93	GOM_NL__2PRFIN20070725_082126_000000382060_00121_28231_2359.N1	25-JUL-2007 08:21:26	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28231	No
94	GOM_NL__2PRFIN20070725_083248_000000422060_00121_28231_2360.N1	25-JUL-2007 08:32:48	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	28231	No
95	GOM_NL__2PRFIN20070725_083443_000000402060_00121_28231_2361.N1	25-JUL-2007 08:34:43	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28231	No
96	GOM_NL__2PRFIN20070725_083702_000000472060_00121_28231_2362.N1	25-JUL-2007 08:37:02	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28231	No
97	GOM_NL__2PRFIN20070725_083920_000000402060_00121_28231_2363.N1	25-JUL-2007 08:39:20	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28231	No
98	GOM_NL__2PRFIN20070725_084339_000000392060_00121_28231_2364.N1	25-JUL-2007 08:43:39	Dark	39.000	108	Alp Col	2.6520	15200.	78	28231	No
99	GOM_NL__2PRFIN20070725_121651_000000392060_00124_28234_2398.N1	25-JUL-2007 12:16:51	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28234	No
100	GOM_NL__2PRFIN20070725_121957_000000382060_00124_28234_2399.N1	25-JUL-2007 12:19:57	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28234	No
101	GOM_NL__2PRFIN20070725_122429_000000422060_00124_28234_2400.N1	25-JUL-2007 12:24:29	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28234	No



102	GOM_NL__2PRFIN20070725_122759_000000382060_00124_28234_2401.N1	25-JUL-2007 12:27:59	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28234	No
103	GOM_NL__2PRFIN20070725_123542_000000392060_00124_28234_2402.N1	25-JUL-2007 12:35:42	Bright	39.000	38	20Eps Sgr	1.8360	11000.	78	28234	No
104	GOM_NL__2PRFIN20070725_123737_000000372060_00124_28234_2403.N1	25-JUL-2007 12:37:37	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	28234	No
105	GOM_NL__2PRFIN20070725_123856_000000372060_00124_28234_2404.N1	25-JUL-2007 12:38:56	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28234	No
106	GOM_NL__2PRFIN20070725_124901_000000342060_00124_28234_2405.N1	25-JUL-2007 12:49:01	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28234	No
107	GOM_NL__2PRFIN20070725_125604_000000362060_00124_28234_2406.N1	25-JUL-2007 12:56:04	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28234	No
108	GOM_NL__2PRFIN20070725_125942_000000372060_00124_28234_2407.N1	25-JUL-2007 12:59:42	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28234	No
109	GOM_NL__2PRFIN20070725_130323_000000372060_00124_28234_2408.N1	25-JUL-2007 13:03:23	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28234	No
110	GOM_NL__2PRFIN20070725_130737_000000352060_00124_28234_2409.N1	25-JUL-2007 13:07:37	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28234	No
111	GOM_NL__2PRFIN20070725_131038_000000362060_00124_28234_2410.N1	25-JUL-2007 13:10:38	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28234	No
112	GOM_NL__2PRFIN20070725_132314_000000372060_00124_28234_2411.N1	25-JUL-2007 13:23:14	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28234	No
113	GOM_NL__2PRFIN20070725_133436_000000392060_00124_28234_2412.N1	25-JUL-2007 13:34:36	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	28234	No
114	GOM_NL__2PRFIN20070725_133631_000000372060_00124_28234_2413.N1	25-JUL-2007 13:36:31	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28234	No
115	GOM_NL__2PRFIN20070725_133850_000000402060_00124_28234_2414.N1	25-JUL-2007 13:38:50	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28234	No
116	GOM_NL__2PRFIN20070725_134108_000000382060_00124_28234_2415.N1	25-JUL-2007 13:41:08	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28234	No
117	GOM_NL__2PRFIN20070725_134527_000000392060_00124_28234_2416.N1	25-JUL-2007 13:45:27	Dark	39.000	108	Alp Col	2.6520	15200.	78	28234	No
118	GOM_NL__2PRFIN20070725_135728_000000402060_00125_28235_2413.N1	25-JUL-2007 13:57:28	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28235	No
119	GOM_NL__2PRFIN20070725_140033_000000372060_00125_28235_2414.N1	25-JUL-2007 14:00:33	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28235	No
120	GOM_NL__2PRFIN20070725_140505_000000422060_00125_28235_2415.N1	25-JUL-2007 14:05:05	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28235	No
121	GOM_NL__2PRFIN20070725_140836_000000382060_00125_28235_2416.N1	25-JUL-2007 14:08:36	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28235	No
122	GOM_NL__2PRFIN20070725_141618_000000422060_00125_28235_2417.N1	25-JUL-2007 14:16:18	Bright	41.500	38	20Eps Sgr	1.8360	11000.	83	28235	No
123	GOM_NL__2PRFIN20070725_141813_000000382060_00125_28235_2418.N1	25-JUL-2007 14:18:13	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28235	No
124	GOM_NL__2PRFIN20070725_141932_000000372060_00125_28235_2419.N1	25-JUL-2007 14:19:32	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28235	No
125	GOM_NL__2PRFIN20070725_142937_000000352060_00125_28235_2420.N1	25-JUL-2007 14:29:37	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28235	No
126	GOM_NL__2PRFIN20070725_143640_000000382060_00125_28235_2421.N1	25-JUL-2007 14:36:40	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28235	No
127	GOM_NL__2PRFIN20070725_144018_000000372060_00125_28235_2422.N1	25-JUL-2007 14:40:18	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28235	No
128	GOM_NL__2PRFIN20070725_144359_000000372060_00125_28235_2423.N1	25-JUL-2007 14:43:59	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28235	No
129	GOM_NL__2PRFIN20070725_144813_000000342060_00125_28235_2424.N1	25-JUL-2007 14:48:13	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28235	No
130	GOM_NL__2PRFIN20070725_145114_000000352060_00125_28235_2425.N1	25-JUL-2007 14:51:14	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28235	No
131	GOM_NL__2PRFIN20070725_150350_000000382060_00125_28235_2426.N1	25-JUL-2007 15:03:50	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28235	No
132	GOM_NL__2PRFIN20070725_151512_000000382060_00125_28235_2427.N1	25-JUL-2007 15:15:12	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28235	No
133	GOM_NL__2PRFIN20070725_151708_000000372060_00125_28235_2428.N1	25-JUL-2007 15:17:08	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28235	No
134	GOM_NL__2PRFIN20070725_151927_000000412060_00125_28235_2429.N1	25-JUL-2007 15:19:27	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28235	No
135	GOM_NL__2PRFIN20070725_152145_000000382060_00125_28235_2430.N1	25-JUL-2007 15:21:45	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	28235	No
136	GOM_NL__2PRFIN20070725_152604_000000392060_00125_28235_2431.N1	25-JUL-2007 15:26:04	Dark	39.000	108	Alp Col	2.6520	15200.	78	28235	No
137	GOM_NL__2PRFIN20070725_153804_000000412060_00126_28236_2425.N1	25-JUL-2007 15:38:04	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28236	No
138	GOM_NL__2PRFIN20070725_154109_000000382060_00126_28236_2426.N1	25-JUL-2007 15:41:09	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28236	No
139	GOM_NL__2PRFIN20070725_154542_000000422060_00126_28236_2427.N1	25-JUL-2007 15:45:42	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28236	No
140	GOM_NL__2PRFIN20070725_154912_000000382060_00126_28236_2428.N1	25-JUL-2007 15:49:12	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28236	No
141	GOM_NL__2PRFIN20070725_155654_000000402060_00126_28236_2429.N1	25-JUL-2007 15:56:54	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	28236	No
142	GOM_NL__2PRFIN20070725_155849_000000372060_00126_28236_2430.N1	25-JUL-2007 15:58:49	Bright	37.000	57	34Sig Sgr	2.0660	26000.	74	28236	No
143	GOM_NL__2PRFIN20070725_160009_000000382060_00126_28236_2431.N1	25-JUL-2007 16:00:09	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28236	No
144	GOM_NL__2PRFIN20070725_161012_000000372060_00126_28236_2432.N1	25-JUL-2007 16:10:12	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	28236	No
145	GOM_NL__2PRFIN20070725_161716_000000392060_00126_28236_2433.N1	25-JUL-2007 16:17:16	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28236	No
146	GOM_NL__2PRFIN20070725_162054_000000382060_00126_28236_2434.N1	25-JUL-2007 16:20:54	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28236	No
147	GOM_NL__2PRFIN20070725_162435_000000332060_00126_28236_2435.N1	25-JUL-2007 16:24:35	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	28236	No
148	GOM_NL__2PRFIN20070725_162849_000000362060_00126_28236_2436.N1	25-JUL-2007 16:28:49	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28236	No
149	GOM_NL__2PRFIN20070725_163150_000000372060_00126_28236_2437.N1	25-JUL-2007 16:31:50	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28236	No
150	GOM_NL__2PRFIN20070725_164426_000000462060_00126_28236_2438.N1	25-JUL-2007 16:44:26	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	28236	No
151	GOM_NL__2PRFIN20070725_165548_000000382060_00126_28236_2439.N1	25-JUL-2007 16:55:48	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28236	No
152	GOM_NL__2PRFIN20070725_165744_000000372060_00126_28236_2440.N1	25-JUL-2007 16:57:44	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28236	No
153	GOM_NL__2PRFIN20070725_170003_000000442060_00126_28236_2441.N1	25-JUL-2007 17:00:03	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	28236	No
154	GOM_NL__2PRFIN20070725_170221_000000362060_00126_28236_2442.N1	25-JUL-2007 17:02:21	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	28236	No
155	GOM_NL__2PRFIN20070725_170640_000000402060_00126_28236_2443.N1	25-JUL-2007 17:06:40	Dark	39.500	108	Alp Col	2.6520	15200.	79	28236	No
156	GOM_NL__2PRFIN20070725_171841_000000402060_00127_28237_2469.N1	25-JUL-2007 17:18:41	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28237	No
157	GOM_NL__2PRFIN20070725_172145_000000382060_00127_28237_2470.N1	25-JUL-2007 17:21:45	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28237	No
158	GOM_NL__2PRFIN20070725_172618_000000412060_00127_28237_2471.N1	25-JUL-2007 17:26:18	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28237	No
159	GOM_NL__2PRFIN20070725_172948_000000382060_00127_28237_2472.N1	25-JUL-2007 17:29:48	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28237	No
160	GOM_NL__2PRFIN20070725_173730_000000522060_00127_28237_2473.N1	25-JUL-2007 17:37:30	Bright	52.000	38	20Eps Sgr	1.8360	11000.	104	28237	No

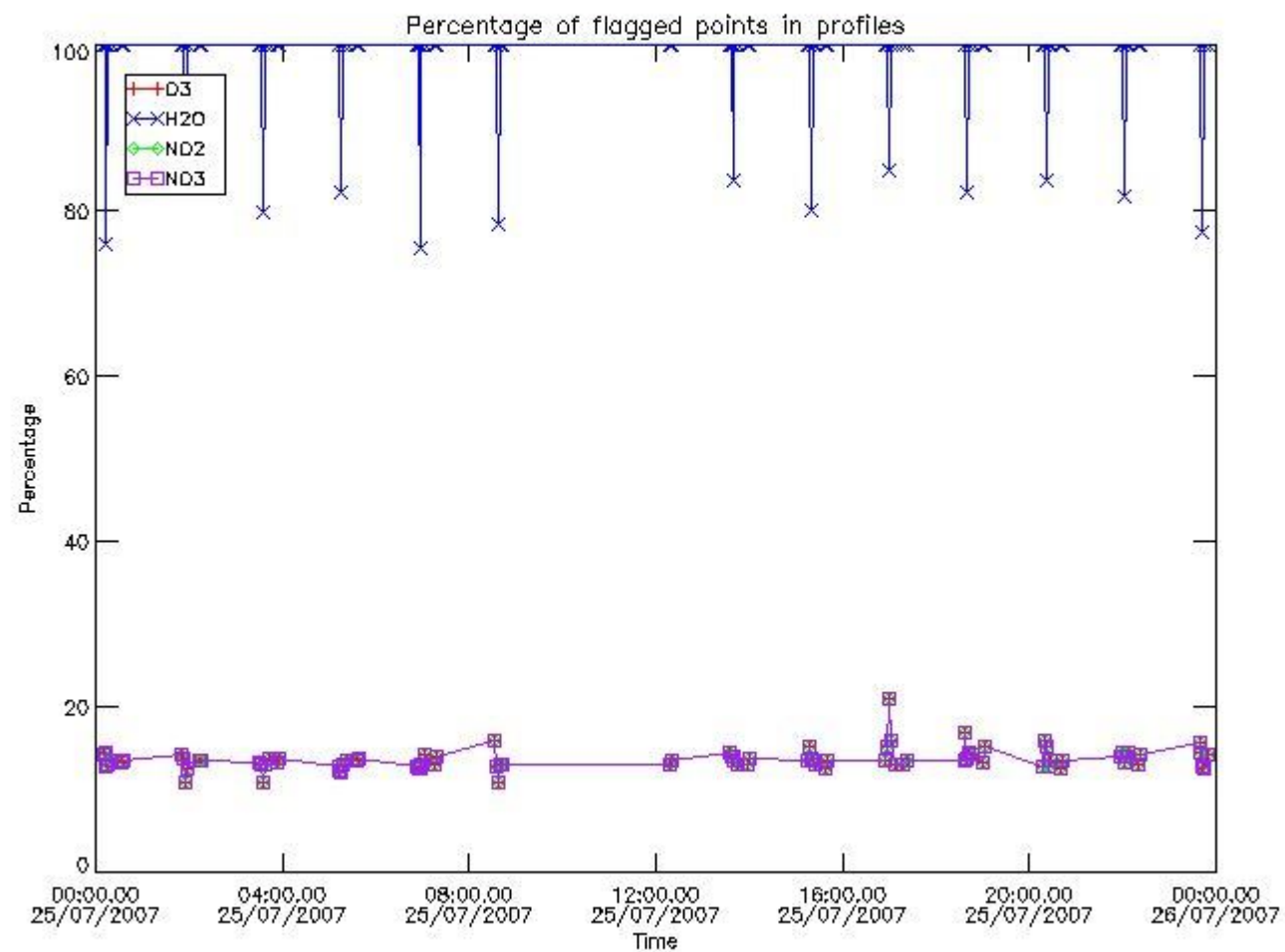
161	GOM_NL_2PRFIN20070725_173925_000000382060_00127_28237_2474.N1	25-JUL-2007 17:39:25	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28237	No
162	GOM_NL_2PRFIN20070725_174045_000000372060_00127_28237_2475.N1	25-JUL-2007 17:40:45	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28237	No
163	GOM_NL_2PRFIN20070725_175048_000000372060_00127_28237_2476.N1	25-JUL-2007 17:50:48	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	28237	No
164	GOM_NL_2PRFIN20070725_175752_000000402060_00127_28237_2477.N1	25-JUL-2007 17:57:52	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	28237	No
165	GOM_NL_2PRFIN20070725_180130_000000372060_00127_28237_2478.N1	25-JUL-2007 18:01:30	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28237	No
166	GOM_NL_2PRFIN20070725_180512_000000372060_00127_28237_2479.N1	25-JUL-2007 18:05:12	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28237	No
167	GOM_NL_2PRFIN20070725_180925_000000362060_00127_28237_2480.N1	25-JUL-2007 18:09:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28237	No
168	GOM_NL_2PRFIN20070725_181226_000000362060_00127_28237_2481.N1	25-JUL-2007 18:12:26	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28237	No
169	GOM_NL_2PRFIN20070725_182502_000000402060_00127_28237_2482.N1	25-JUL-2007 18:25:02	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	28237	No
170	GOM_NL_2PRFIN20070725_183625_000000382060_00127_28237_2483.N1	25-JUL-2007 18:36:25	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28237	No
171	GOM_NL_2PRFIN20070725_183820_000000402060_00127_28237_2484.N1	25-JUL-2007 18:38:20	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28237	No
172	GOM_NL_2PRFIN20070725_184039_000000372060_00127_28237_2485.N1	25-JUL-2007 18:40:39	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	28237	No
173	GOM_NL_2PRFIN20070725_184257_000000392060_00127_28237_2486.N1	25-JUL-2007 18:42:57	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28237	No
174	GOM_NL_2PRFIN20070725_184716_000000362060_00127_28237_2487.N1	25-JUL-2007 18:47:16	Dark	36.000	108	Alp Col	2.6520	15200.	72	28237	No
175	GOM_NL_2PRFIN20070725_185917_000000392060_00128_28238_2484.N1	25-JUL-2007 18:59:17	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28238	No
176	GOM_NL_2PRFIN20070725_190222_000000372060_00128_28238_2485.N1	25-JUL-2007 19:02:22	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28238	No
177	GOM_NL_2PRFIN20070725_190655_000000412060_00128_28238_2486.N1	25-JUL-2007 19:06:55	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28238	No
178	GOM_NL_2PRFIN20070725_191024_000000382060_00128_28238_2487.N1	25-JUL-2007 19:10:24	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28238	No
179	GOM_NL_2PRFIN20070725_191806_000000392060_00128_28238_2488.N1	25-JUL-2007 19:18:06	Bright	38.500	38	20Eps Sgr	1.8360	11000.	77	28238	No
180	GOM_NL_2PRFIN20070725_192001_000000472060_00128_28238_2489.N1	25-JUL-2007 19:20:01	Bright	46.500	57	34Sig Sgr	2.0660	26000.	93	28238	No
181	GOM_NL_2PRFIN20070725_192121_000000382060_00128_28238_2490.N1	25-JUL-2007 19:21:21	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28238	No
182	GOM_NL_2PRFIN20070725_193124_000000362060_00128_28238_2491.N1	25-JUL-2007 19:31:24	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28238	No
183	GOM_NL_2PRFIN20070725_193828_000000362060_00128_28238_2492.N1	25-JUL-2007 19:38:28	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28238	No
184	GOM_NL_2PRFIN20070725_194206_000000382060_00128_28238_2493.N1	25-JUL-2007 19:42:06	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28238	No
185	GOM_NL_2PRFIN20070725_194548_000000372060_00128_28238_2494.N1	25-JUL-2007 19:45:48	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28238	No
186	GOM_NL_2PRFIN20070725_195001_000000332060_00128_28238_2495.N1	25-JUL-2007 19:50:01	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28238	No
187	GOM_NL_2PRFIN20070725_195302_000000362060_00128_28238_2496.N1	25-JUL-2007 19:53:02	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28238	No
188	GOM_NL_2PRFIN20070725_200538_000000382060_00128_28238_2497.N1	25-JUL-2007 20:05:38	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28238	No
189	GOM_NL_2PRFIN20070725_201040_000000392060_00128_28238_2498.N1	25-JUL-2007 20:10:40	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	28238	No
190	GOM_NL_2PRFIN20070725_201701_000000402060_00128_28238_2499.N1	25-JUL-2007 20:17:01	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28238	No
191	GOM_NL_2PRFIN20070725_201856_000000352060_00128_28238_2500.N1	25-JUL-2007 20:18:56	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28238	No
192	GOM_NL_2PRFIN20070725_202116_000000372060_00128_28238_2501.N1	25-JUL-2007 20:21:16	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	28238	No
193	GOM_NL_2PRFIN20070725_202333_000000402060_00128_28238_2502.N1	25-JUL-2007 20:23:33	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28238	No
194	GOM_NL_2PRFIN20070725_202752_000000382060_00128_28238_2503.N1	25-JUL-2007 20:27:52	Dark	37.500	108	Alp Col	2.6520	15200.	75	28238	No
195	GOM_NL_2PRFIN20070725_203954_000000412060_00129_28239_2538.N1	25-JUL-2007 20:39:54	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28239	No
196	GOM_NL_2PRFIN20070725_204258_000000382060_00129_28239_2539.N1	25-JUL-2007 20:42:58	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28239	No
197	GOM_NL_2PRFIN20070725_204731_000000482060_00129_28239_2540.N1	25-JUL-2007 20:47:31	Straylight	47.500	148	Alp Tuc	2.8780	4100.0	95	28239	No
198	GOM_NL_2PRFIN20070725_205101_000000392060_00129_28239_2541.N1	25-JUL-2007 20:51:01	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28239	No
199	GOM_NL_2PRFIN20070725_205842_000000422060_00129_28239_2542.N1	25-JUL-2007 20:58:42	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	28239	No
200	GOM_NL_2PRFIN20070725_210037_000000382060_00129_28239_2543.N1	25-JUL-2007 21:00:37	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28239	No
201	GOM_NL_2PRFIN20070725_210157_000000372060_00129_28239_2544.N1	25-JUL-2007 21:01:57	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28239	No
202	GOM_NL_2PRFIN20070725_211200_000000372060_00129_28239_2545.N1	25-JUL-2007 21:12:00	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	28239	No
203	GOM_NL_2PRFIN20070725_211904_000000342060_00129_28239_2546.N1	25-JUL-2007 21:19:04	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28239	No
204	GOM_NL_2PRFIN20070725_212242_000000392060_00129_28239_2547.N1	25-JUL-2007 21:22:42	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	28239	No
205	GOM_NL_2PRFIN20070725_212624_000000372060_00129_28239_2548.N1	25-JUL-2007 21:26:24	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28239	No
206	GOM_NL_2PRFIN20070725_213038_000000372060_00129_28239_2549.N1	25-JUL-2007 21:30:38	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28239	No
207	GOM_NL_2PRFIN20070725_213338_000000362060_00129_28239_2550.N1	25-JUL-2007 21:33:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28239	No
208	GOM_NL_2PRFIN20070725_214614_000000392060_00129_28239_2551.N1	25-JUL-2007 21:46:14	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28239	No
209	GOM_NL_2PRFIN20070725_215116_000000372060_00129_28239_2552.N1	25-JUL-2007 21:51:16	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	28239	No
210	GOM_NL_2PRFIN20070725_215737_000000372060_00129_28239_2553.N1	25-JUL-2007 21:57:37	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	28239	No
211	GOM_NL_2PRFIN20070725_215932_000000352060_00129_28239_2554.N1	25-JUL-2007 21:59:32	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28239	No
212	GOM_NL_2PRFIN20070725_220152_000000392060_00129_28239_2555.N1	25-JUL-2007 22:01:52	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	28239	No
213	GOM_NL_2PRFIN20070725_220409_000000402060_00129_28239_2556.N1	25-JUL-2007 22:04:09	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28239	No
214	GOM_NL_2PRFIN20070725_220828_000000392060_00129_28239_2557.N1	25-JUL-2007 22:08:28	Dark	39.000	108	Alp Col	2.6520	15200.	78	28239	No
215	GOM_NL_2PRFIN20070725_222030_000000402060_00130_28240_2554.N1	25-JUL-2007 22:20:30	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28240	No
216	GOM_NL_2PRFIN20070725_222334_000000362060_00130_28240_2555.N1	25-JUL-2007 22:23:34	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28240	No
217	GOM_NL_2PRFIN20070725_222807_000000412060_00130_28240_2556.N1	25-JUL-2007 22:28:07	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28240	No
218	GOM_NL_2PRFIN20070725_223137_000000382060_00130_28240_2557.N1	25-JUL-2007 22:31:37	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28240	No
219	GOM_NL_2PRFIN20070725_223918_000000422060_00130_28240_2558.N1	25-JUL-2007 22:39:18	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	28240	No

220	GOM_NL__2PRFIN20070725_224113_000000402060_00130_28240_2559.N1	25-JUL-2007 22:41:13	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	28240	No
221	GOM_NL__2PRFIN20070725_225236_000000362060_00130_28240_2560.N1	25-JUL-2007 22:52:36	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28240	No
222	GOM_NL__2PRFIN20070725_225940_000000382060_00130_28240_2561.N1	25-JUL-2007 22:59:40	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	28240	No
223	GOM_NL__2PRFIN20070725_230318_000000382060_00130_28240_2562.N1	25-JUL-2007 23:03:18	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28240	No
224	GOM_NL__2PRFIN20070725_230700_000000362060_00130_28240_2563.N1	25-JUL-2007 23:07:00	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28240	No
225	GOM_NL__2PRFIN20070725_231114_000000332060_00130_28240_2564.N1	25-JUL-2007 23:11:14	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28240	No
226	GOM_NL__2PRFIN20070725_231414_000000332060_00130_28240_2565.N1	25-JUL-2007 23:14:14	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28240	No
227	GOM_NL__2PRFIN20070725_232650_000000392060_00130_28240_2566.N1	25-JUL-2007 23:26:50	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	28240	No
228	GOM_NL__2PRFIN20070725_233152_000000392060_00130_28240_2567.N1	25-JUL-2007 23:31:52	Bright	39.000	28	12Bet Tau	1.6500	15200.	78	28240	No
229	GOM_NL__2PRFIN20070725_233813_000000362060_00130_28240_2568.N1	25-JUL-2007 23:38:13	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	28240	No
230	GOM_NL__2PRFIN20070725_234009_000000352060_00130_28240_2569.N1	25-JUL-2007 23:40:09	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28240	No
231	GOM_NL__2PRFIN20070725_234228_000000402060_00130_28240_2570.N1	25-JUL-2007 23:42:28	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	28240	No
232	GOM_NL__2PRFIN20070725_234445_000000412060_00130_28240_2571.N1	25-JUL-2007 23:44:45	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28240	No
233	GOM_NL__2PRFIN20070725_234904_000000402060_00130_28240_2572.N1	25-JUL-2007 23:49:04	Dark	39.500	108	Alp Col	2.6520	15200.	79	28240	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.

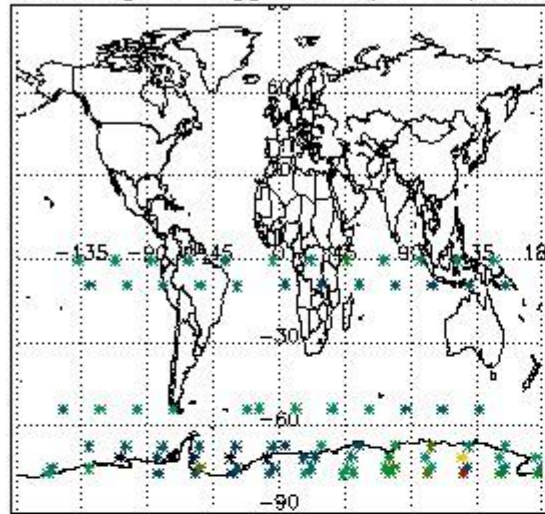
#### 3.1 Plot quality information per product (time dependant)



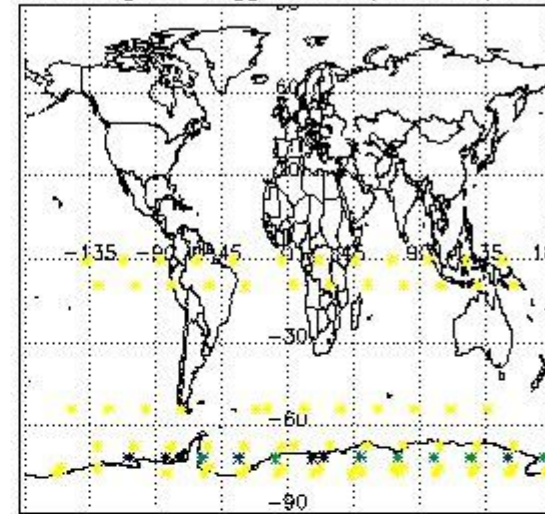
#### 3.2 Plot quality information per product (world map)



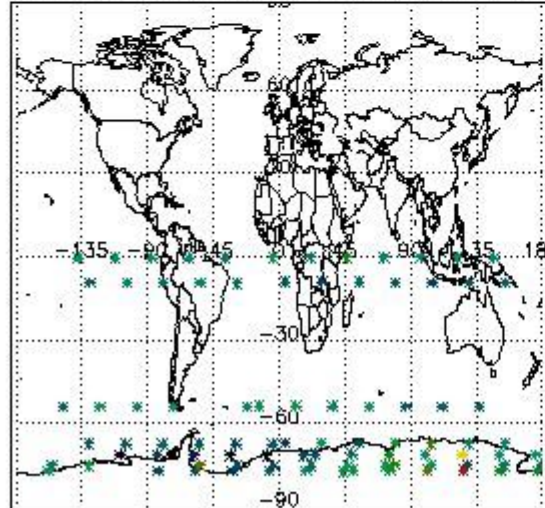
Percentage of flagged data per O3 profile



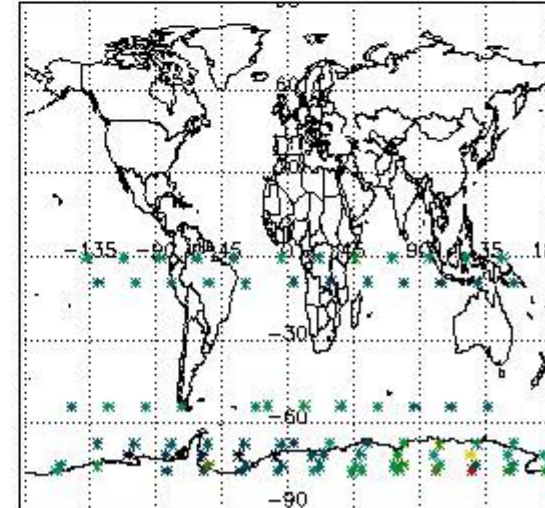
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



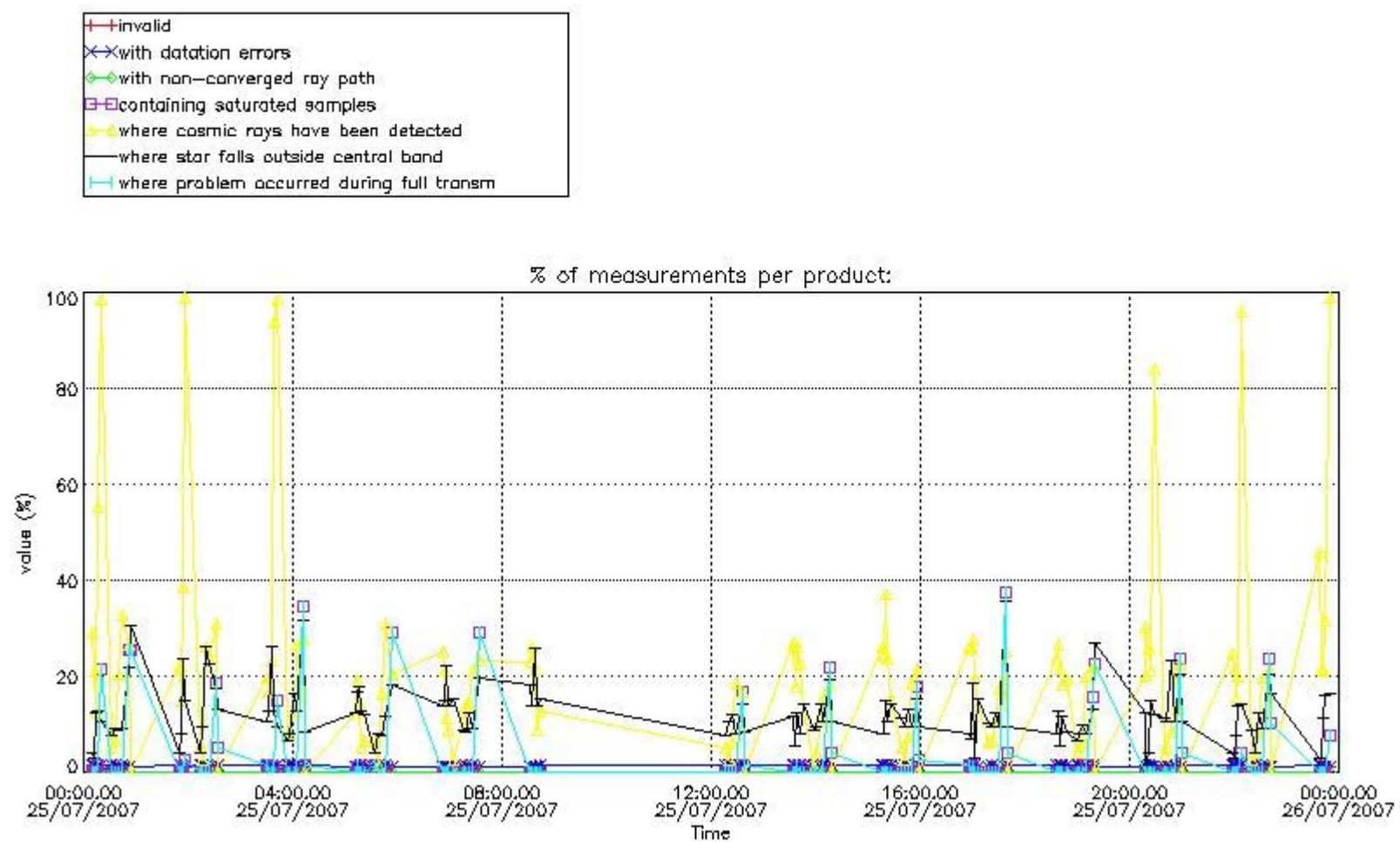
#### 4. Level 1 quality information per product

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.

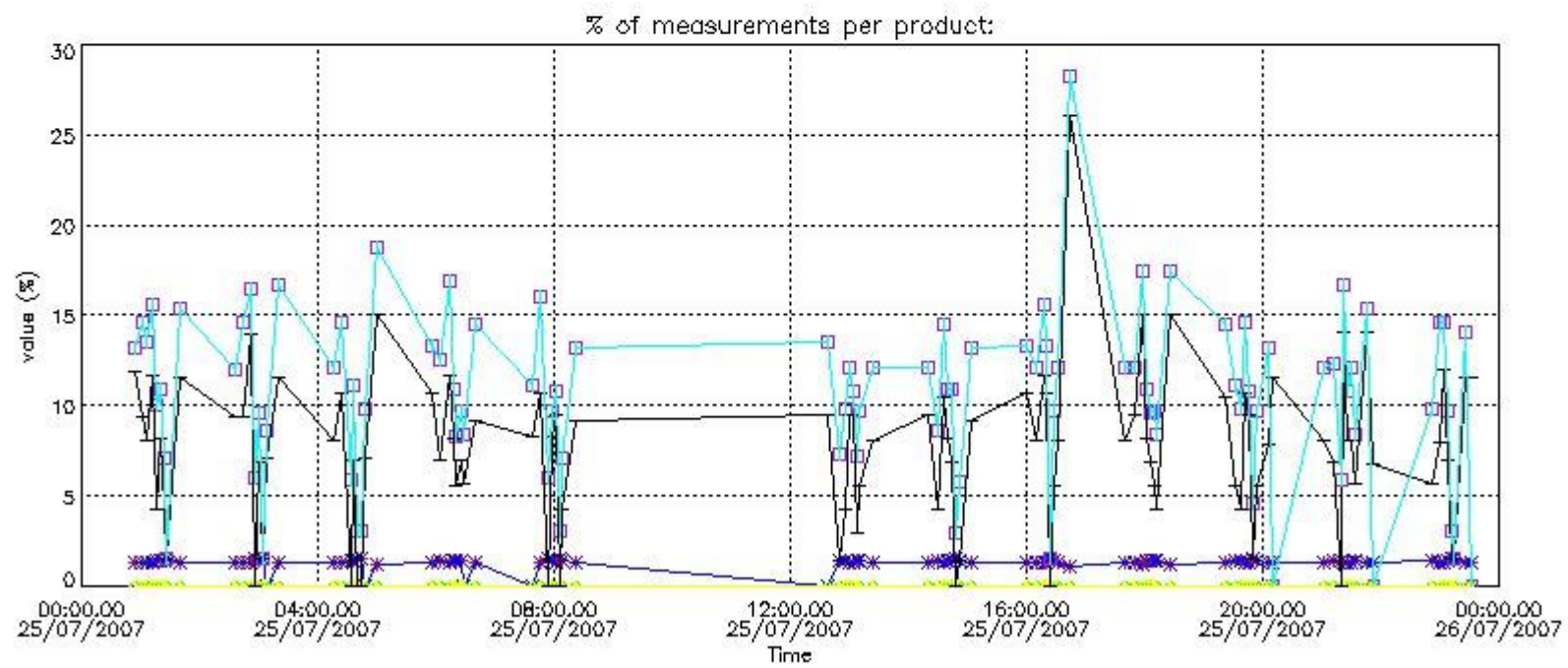
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





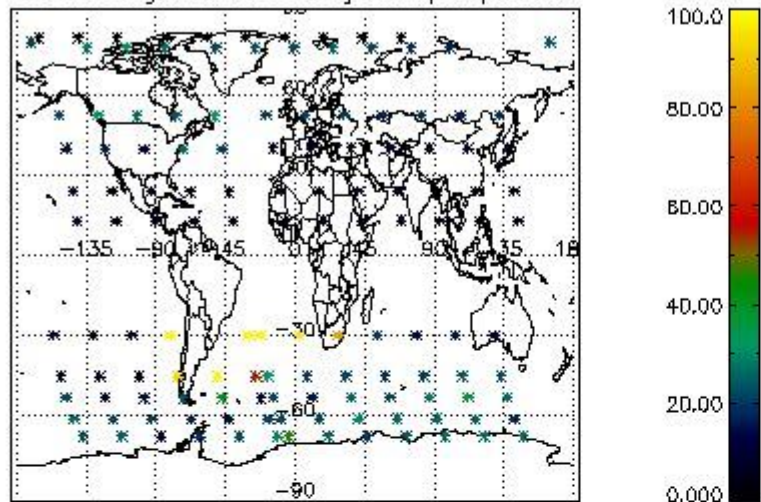
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



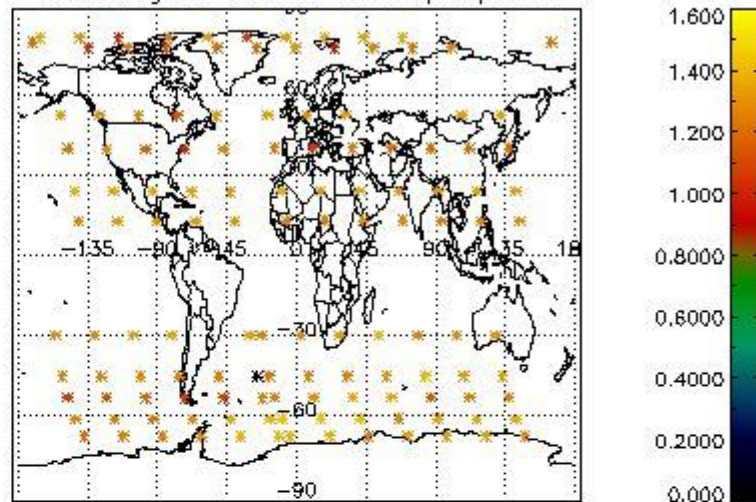
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

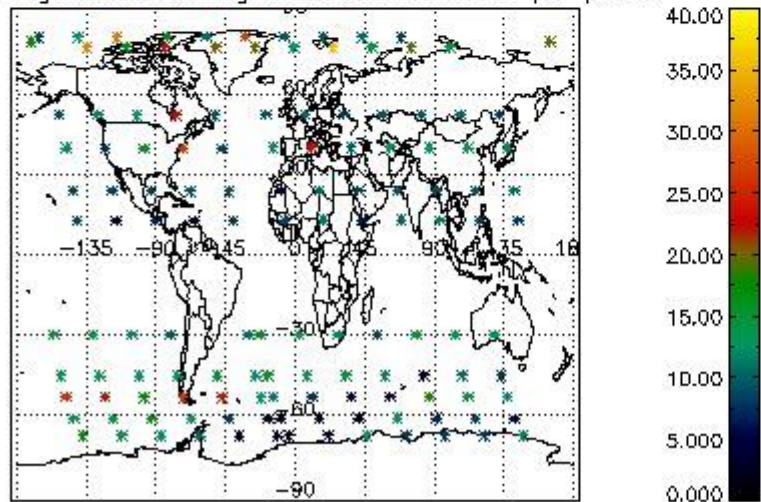
Percentage of cosmic ray hits per profile



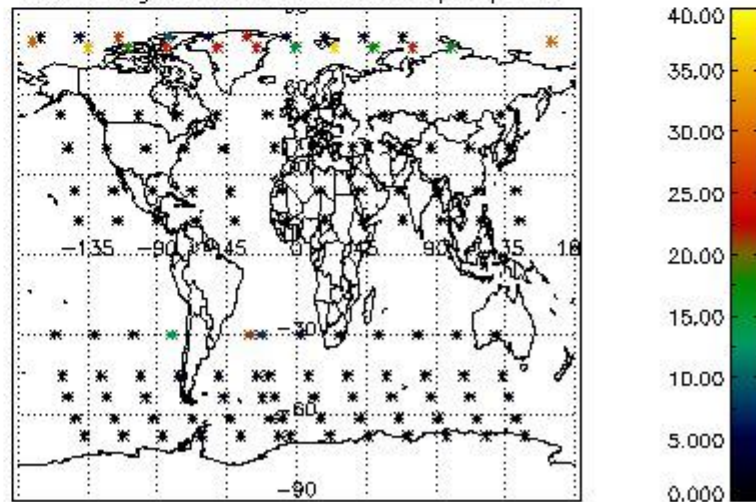
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

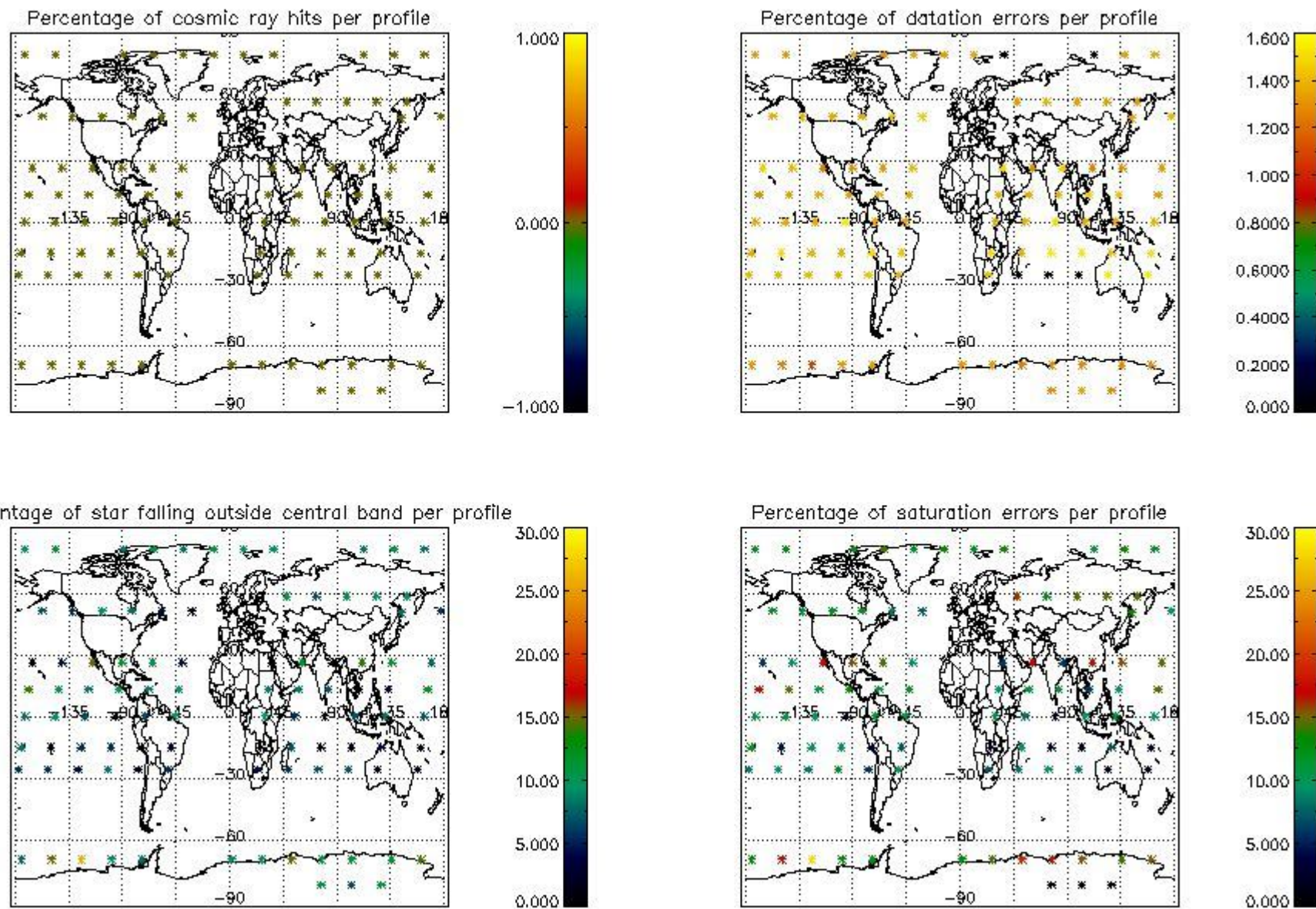


Percentage of saturation errors per profile



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.

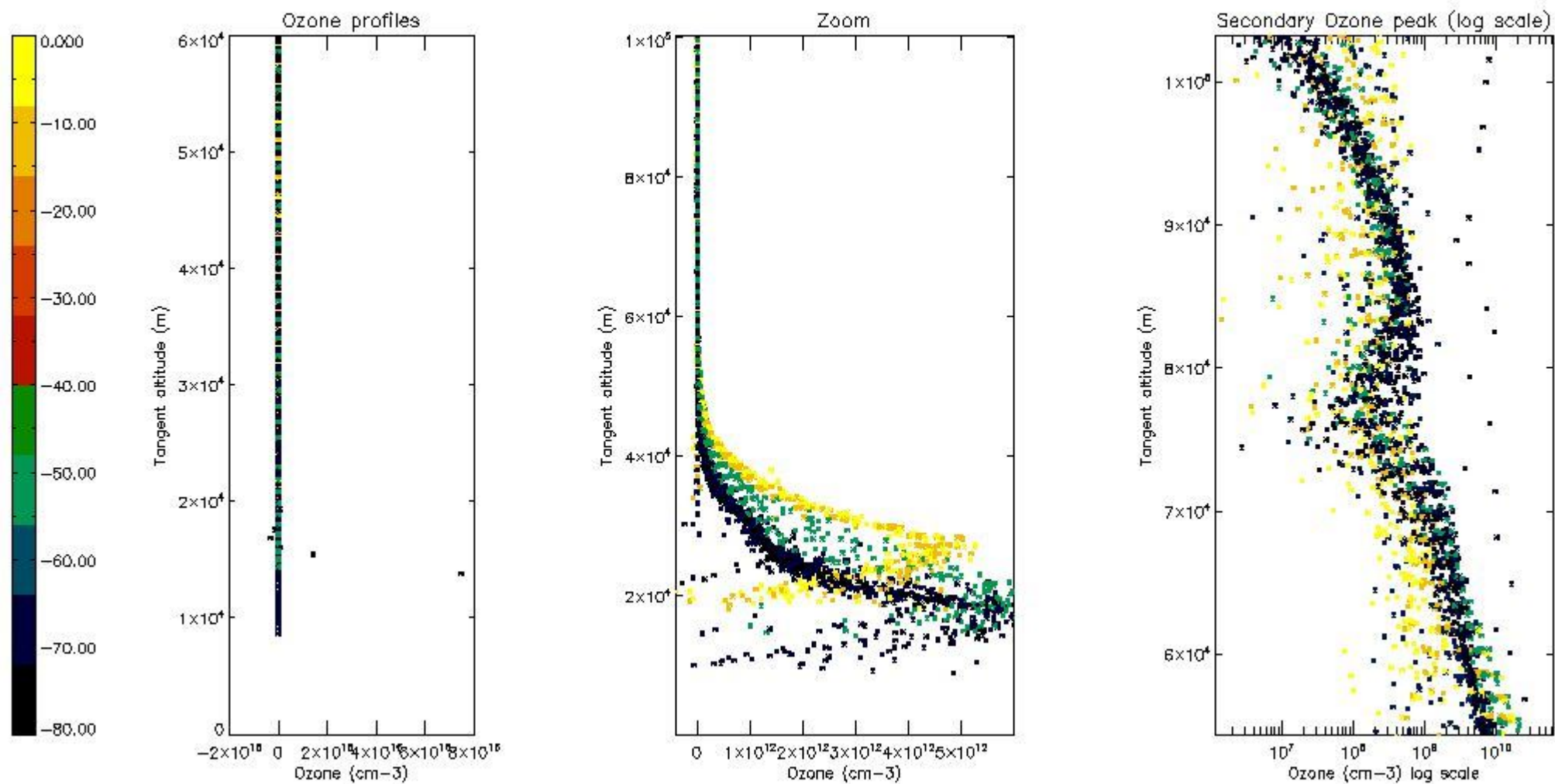
Criteria	% of total production
All STD	39
STD < 20	22



STD < 10	17
STD < 5	12

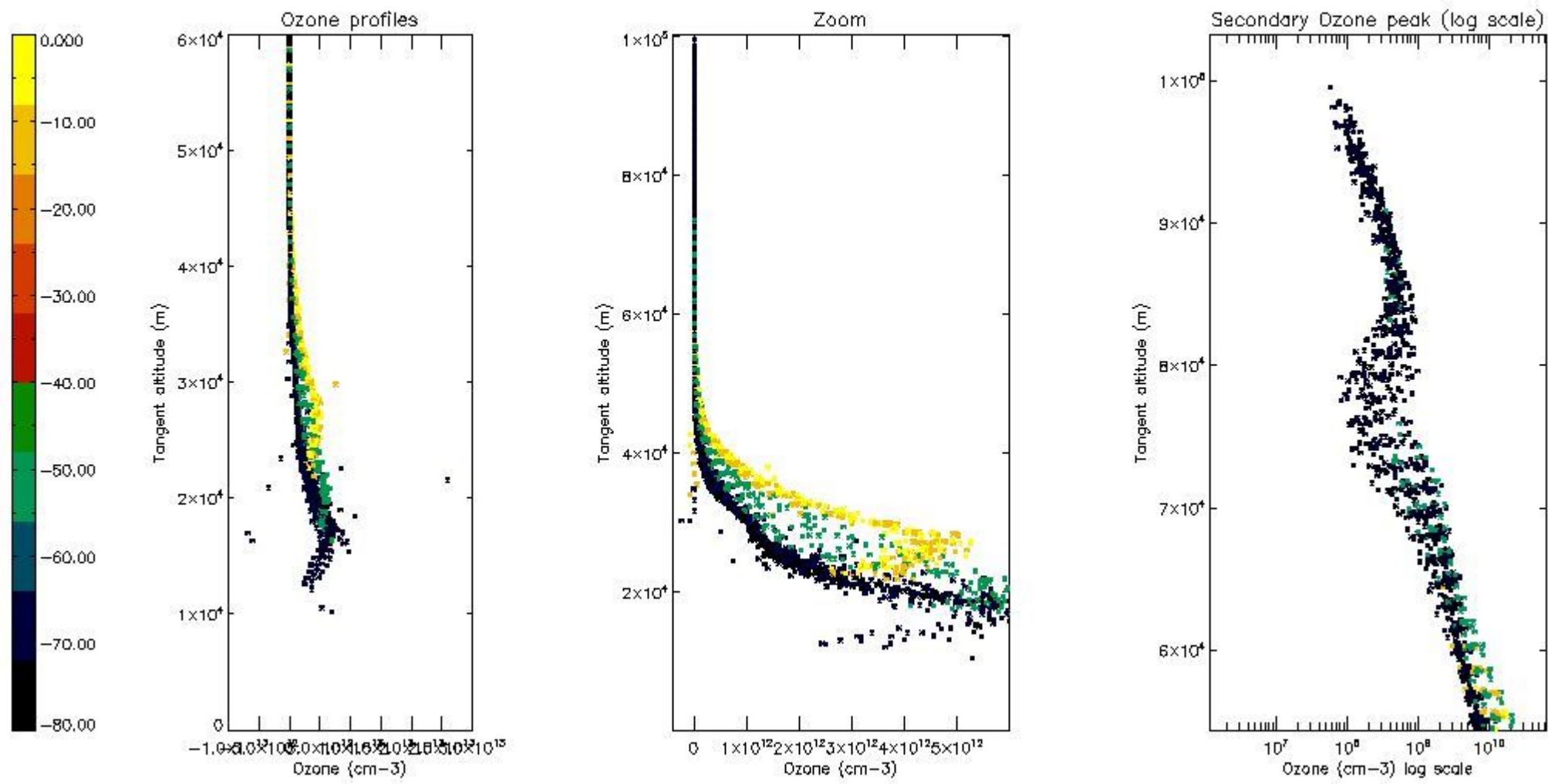
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



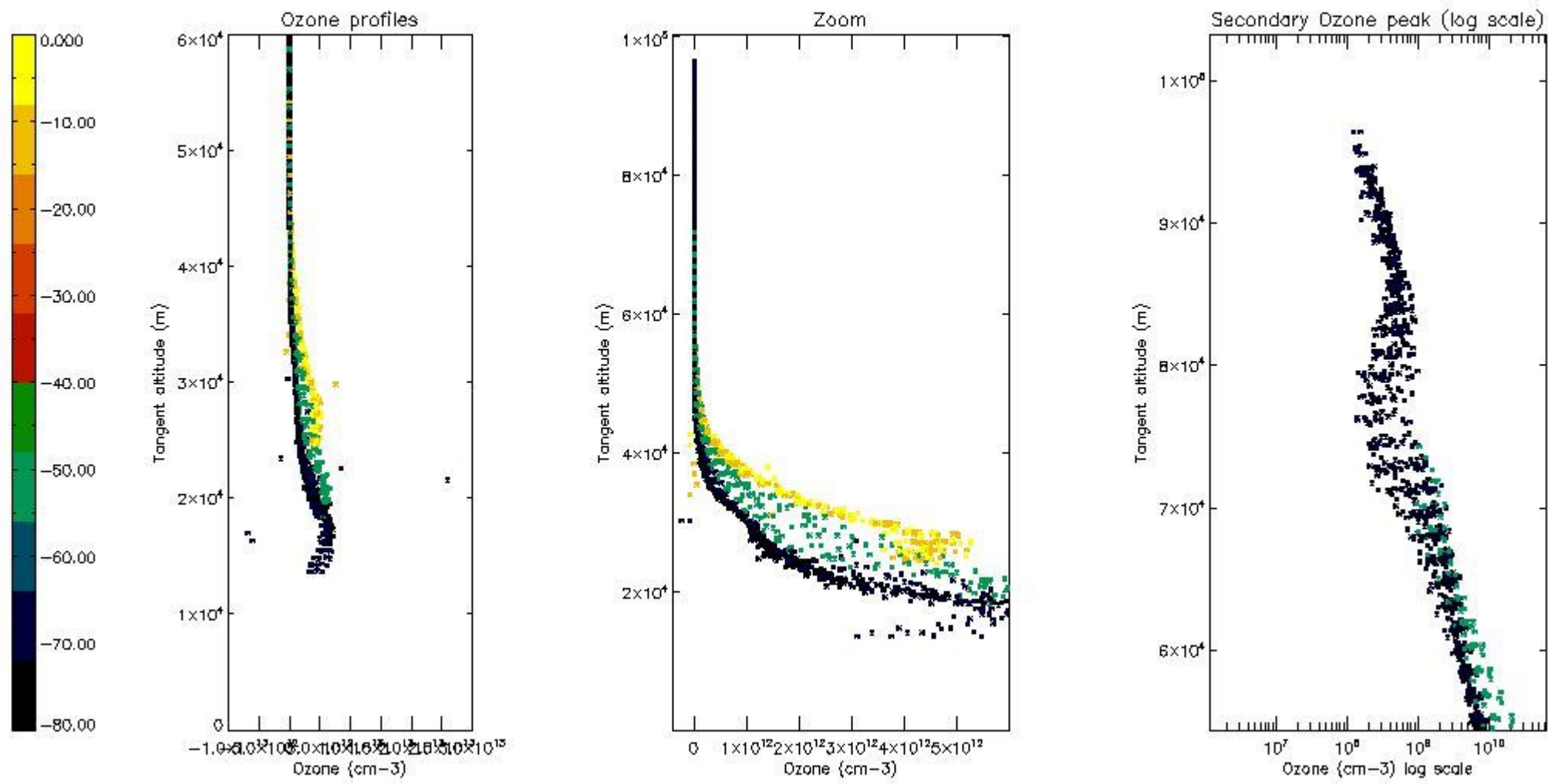
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

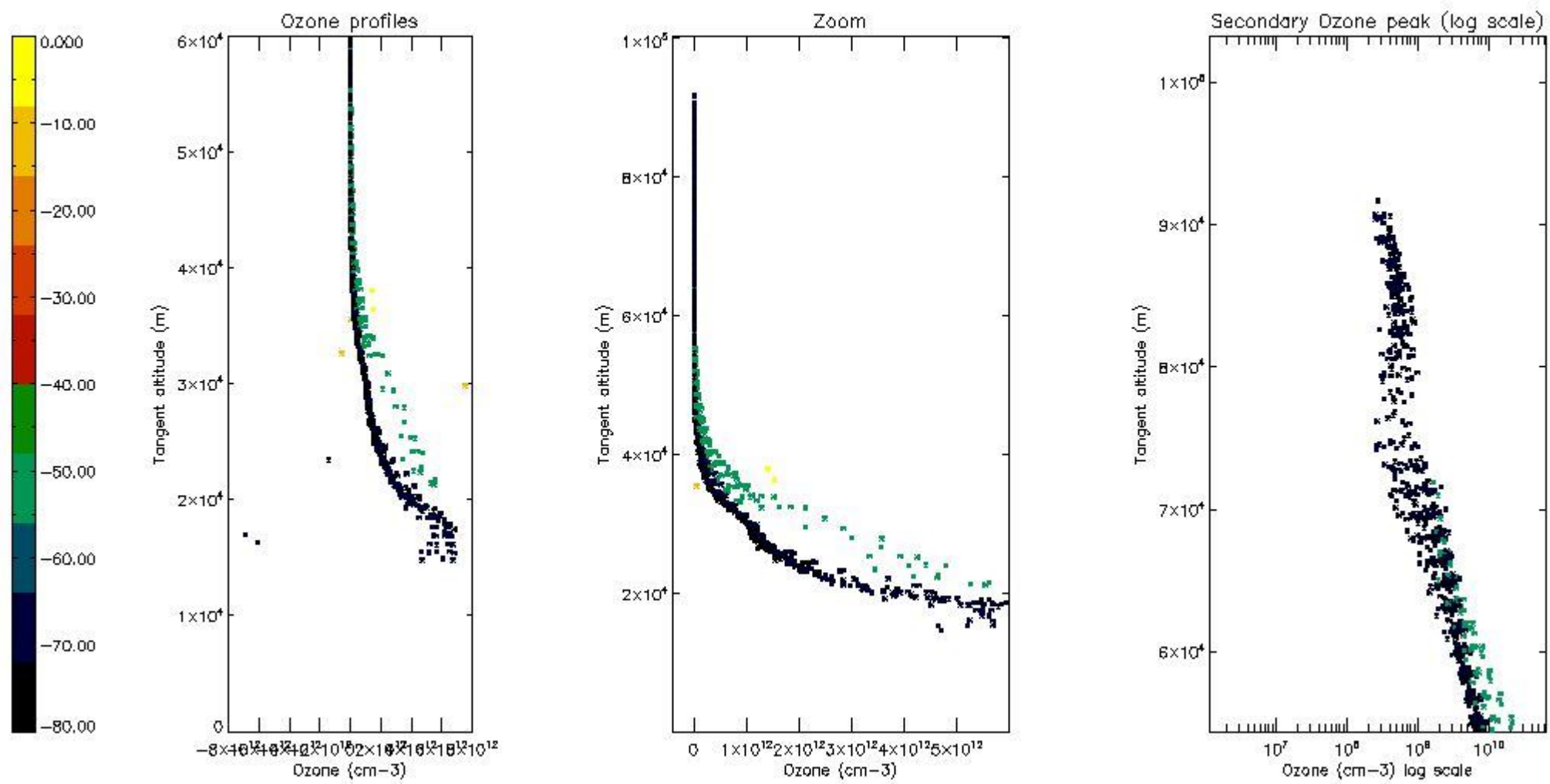
The colorbar represents the latitude.



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

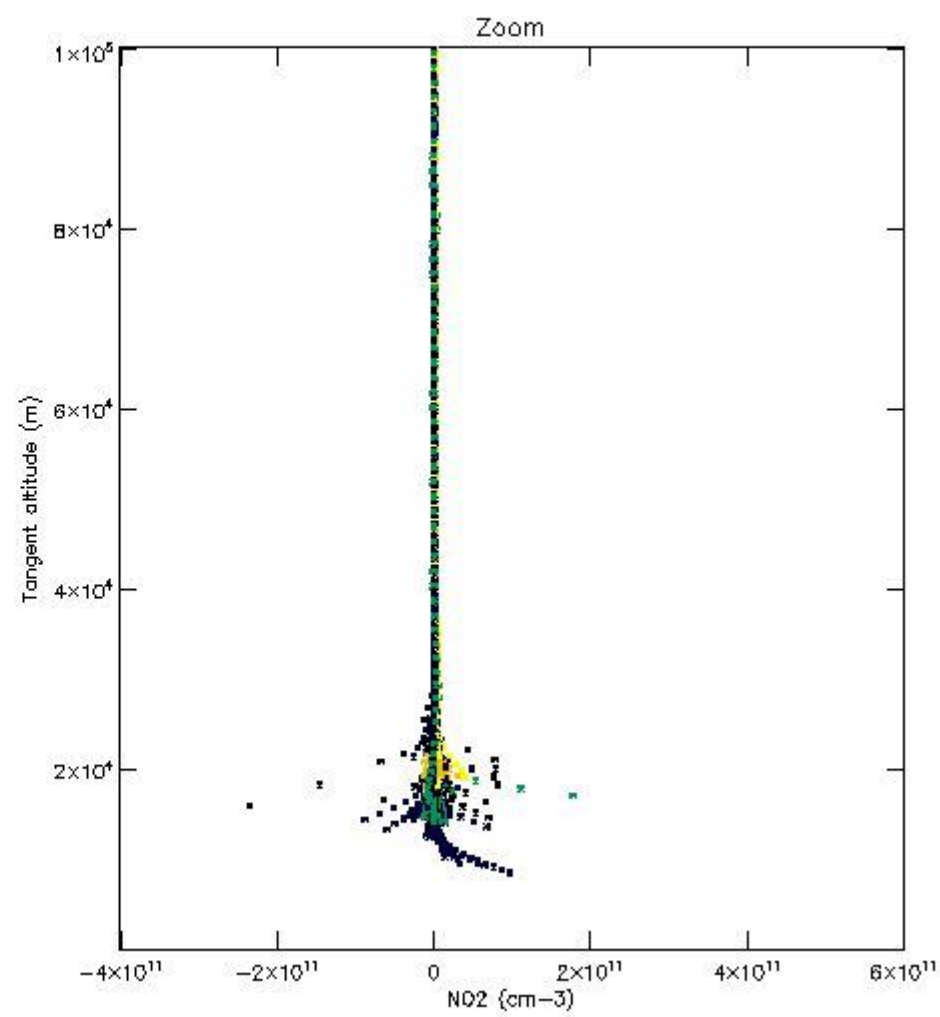
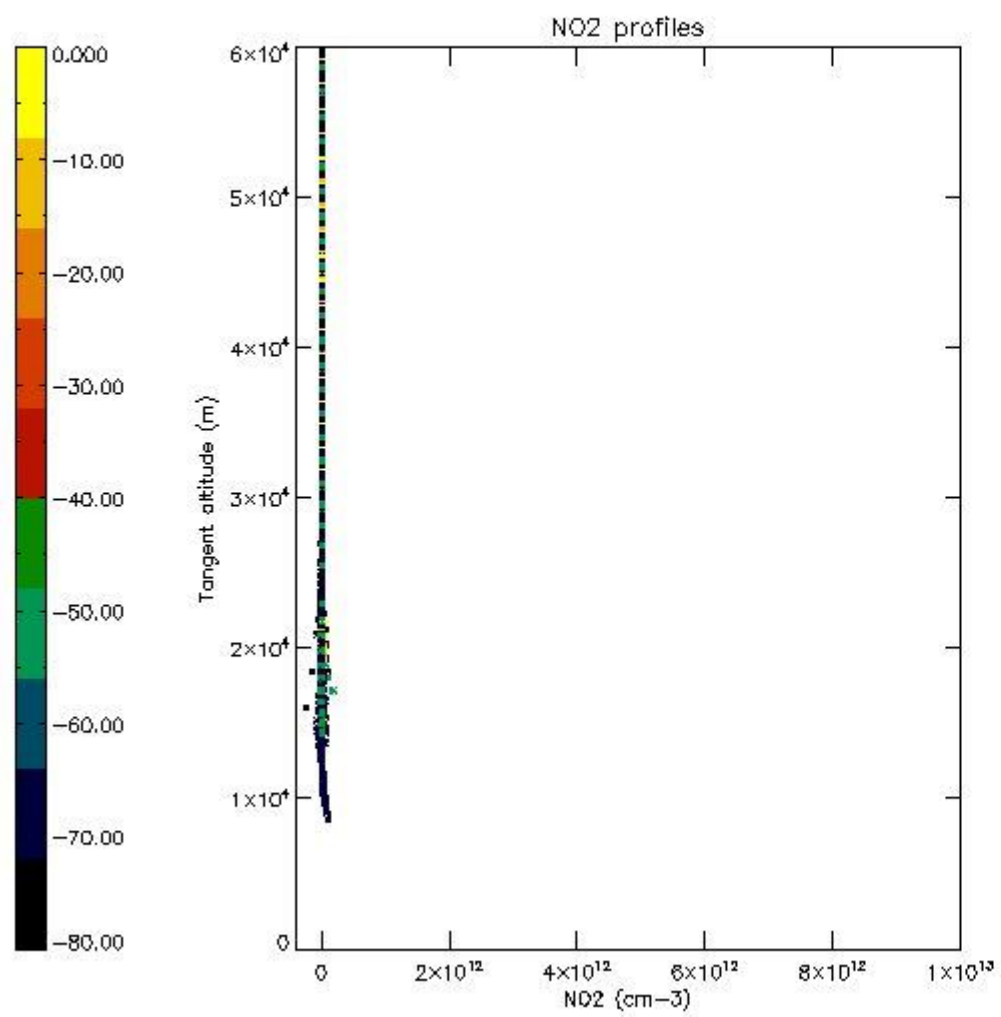
The colorbar represents the latitude.





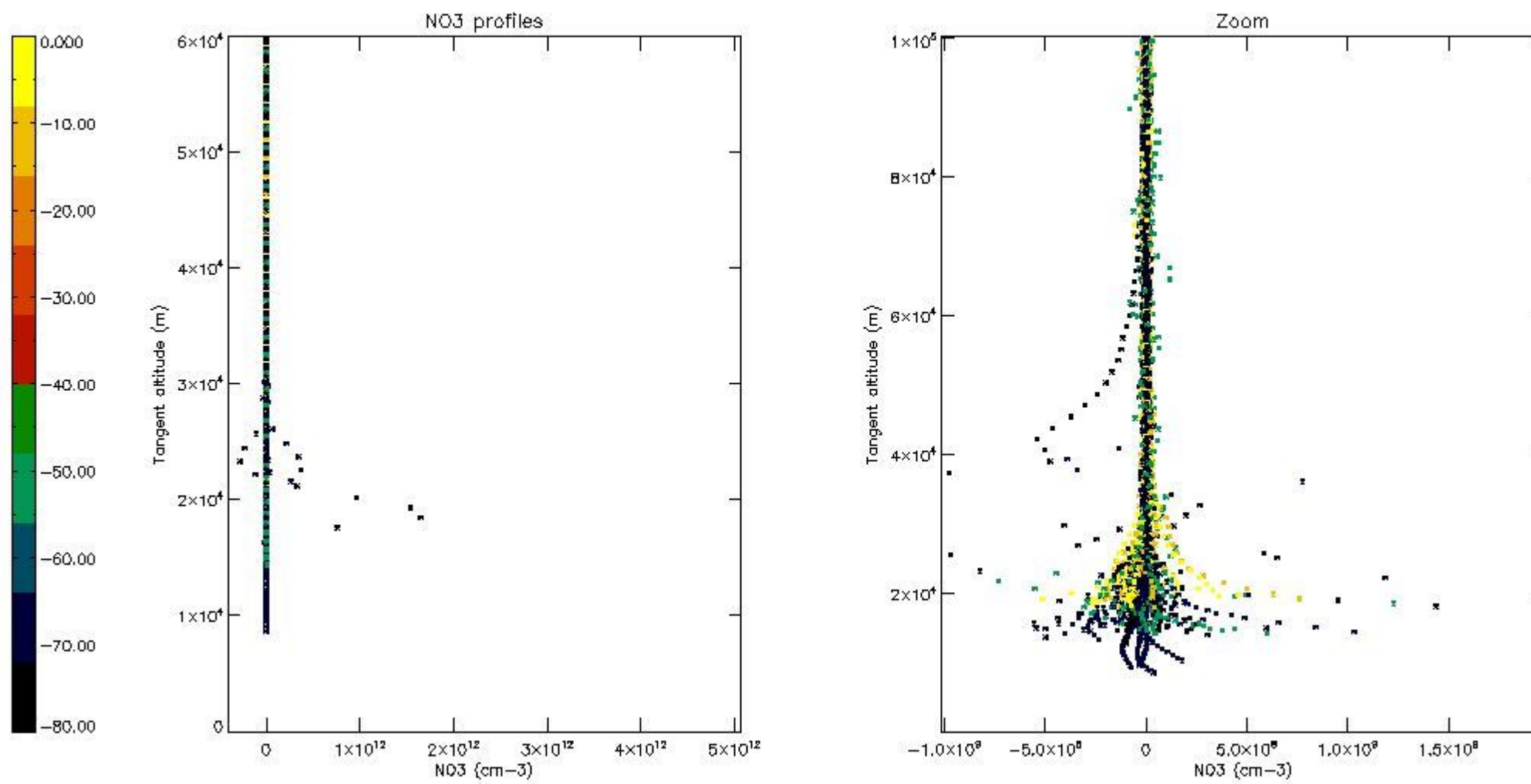
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

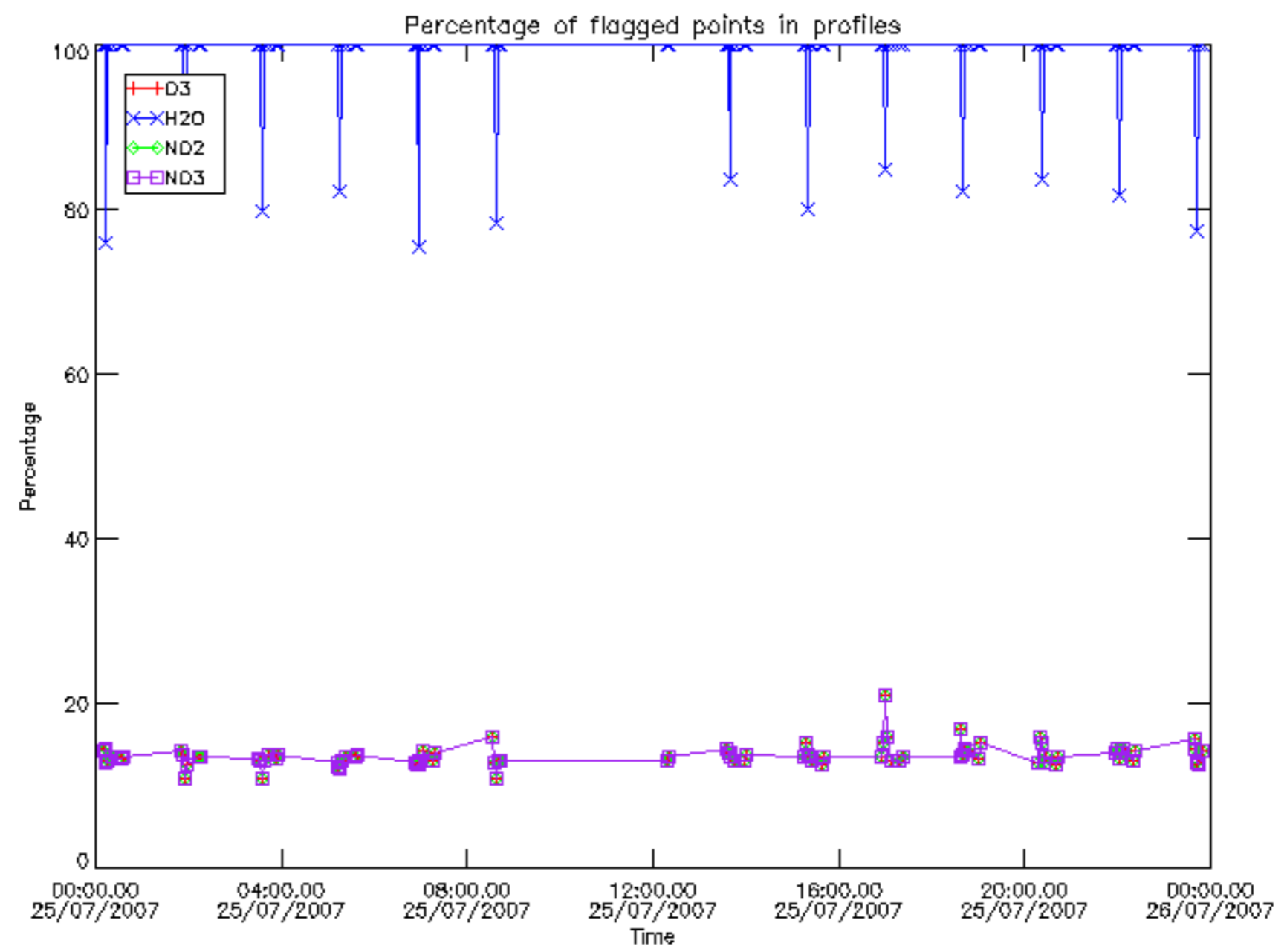


## 6. Auxiliary Data Files used for the production reported in section 2

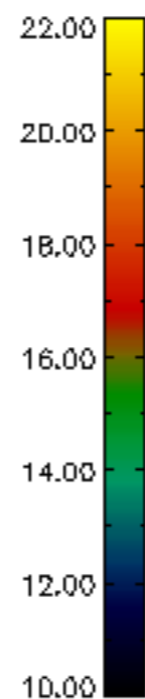
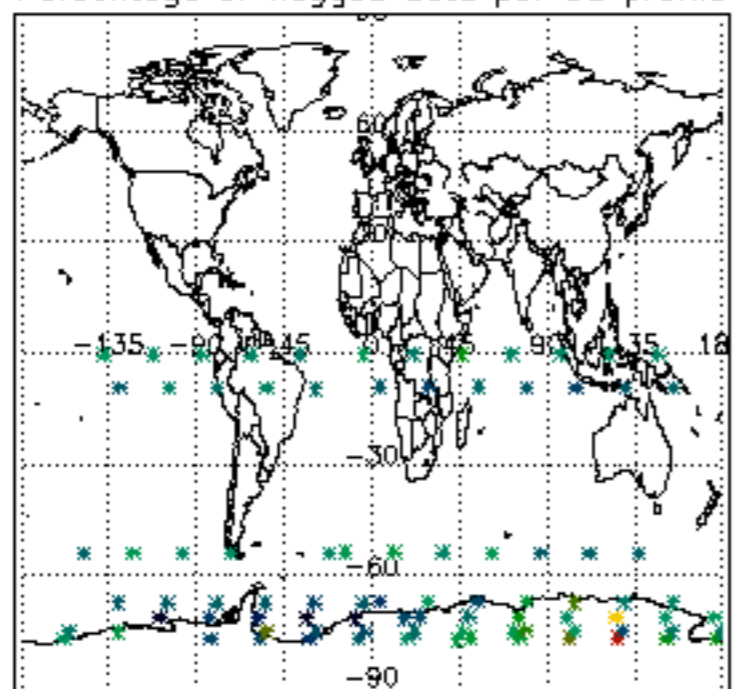
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-JUL-2007 00:09:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2007 00:09:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2007 00:09:46

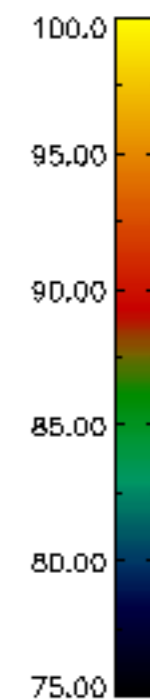
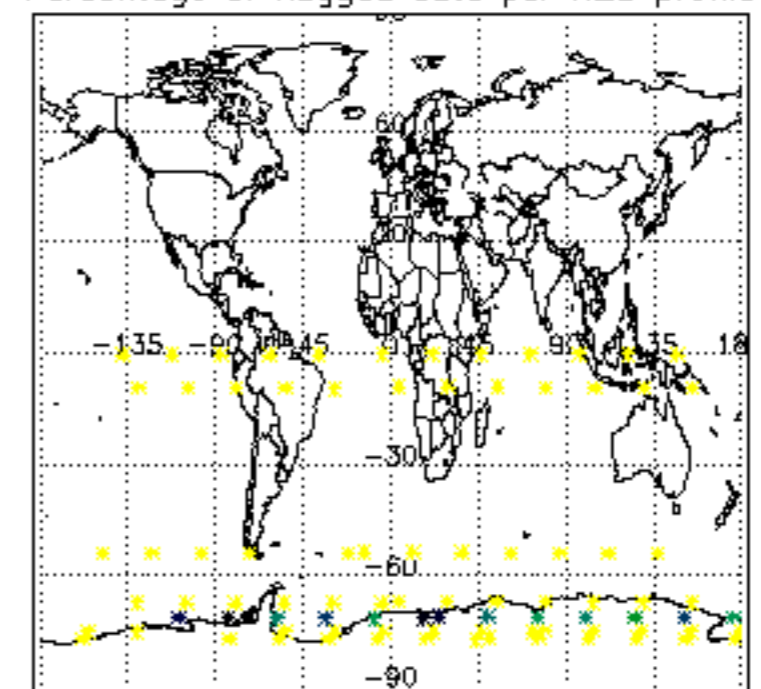




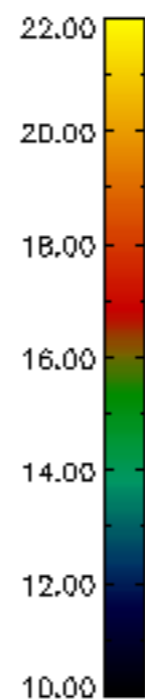
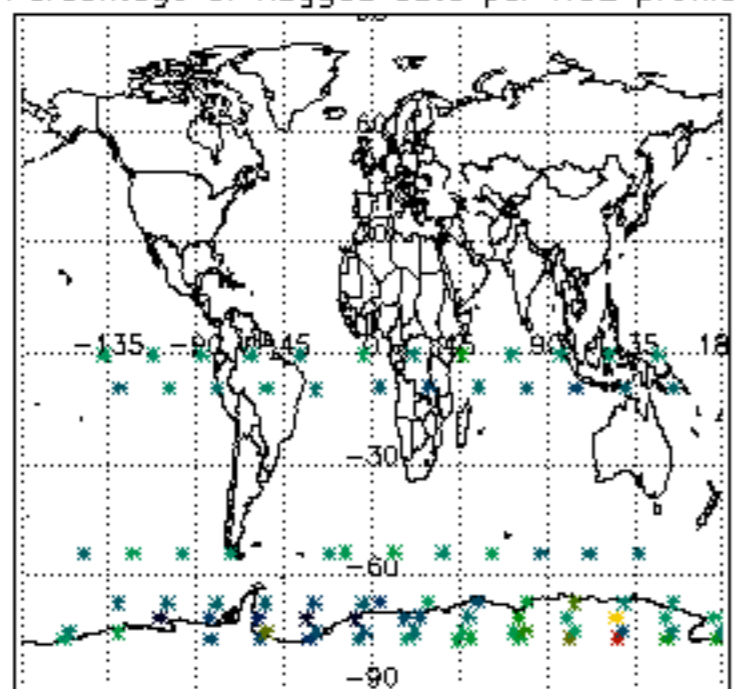
Percentage of flagged data per D3 profile



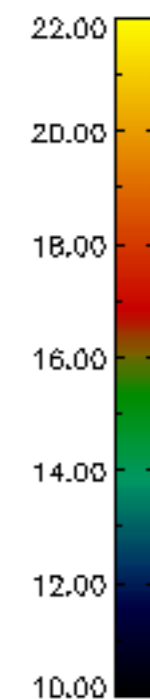
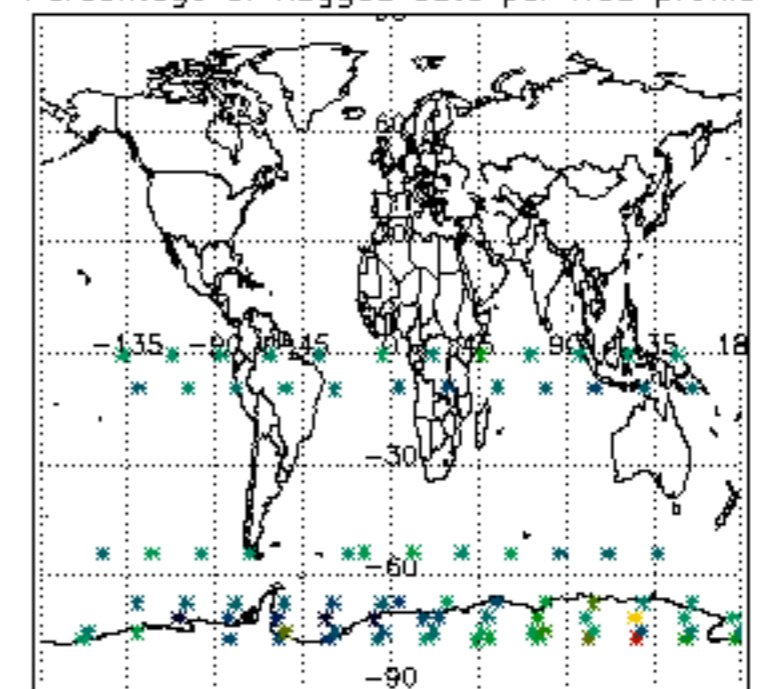
Percentage of flagged data per H2O profile

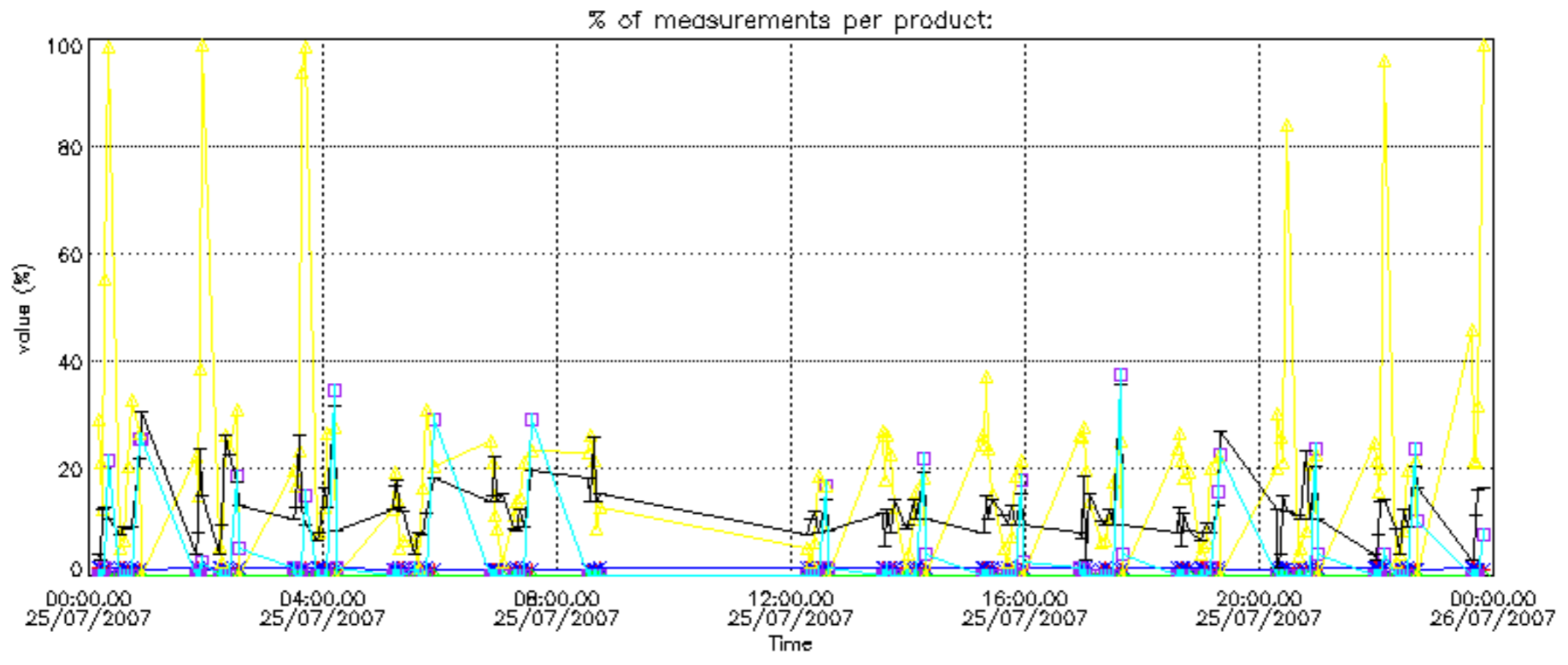


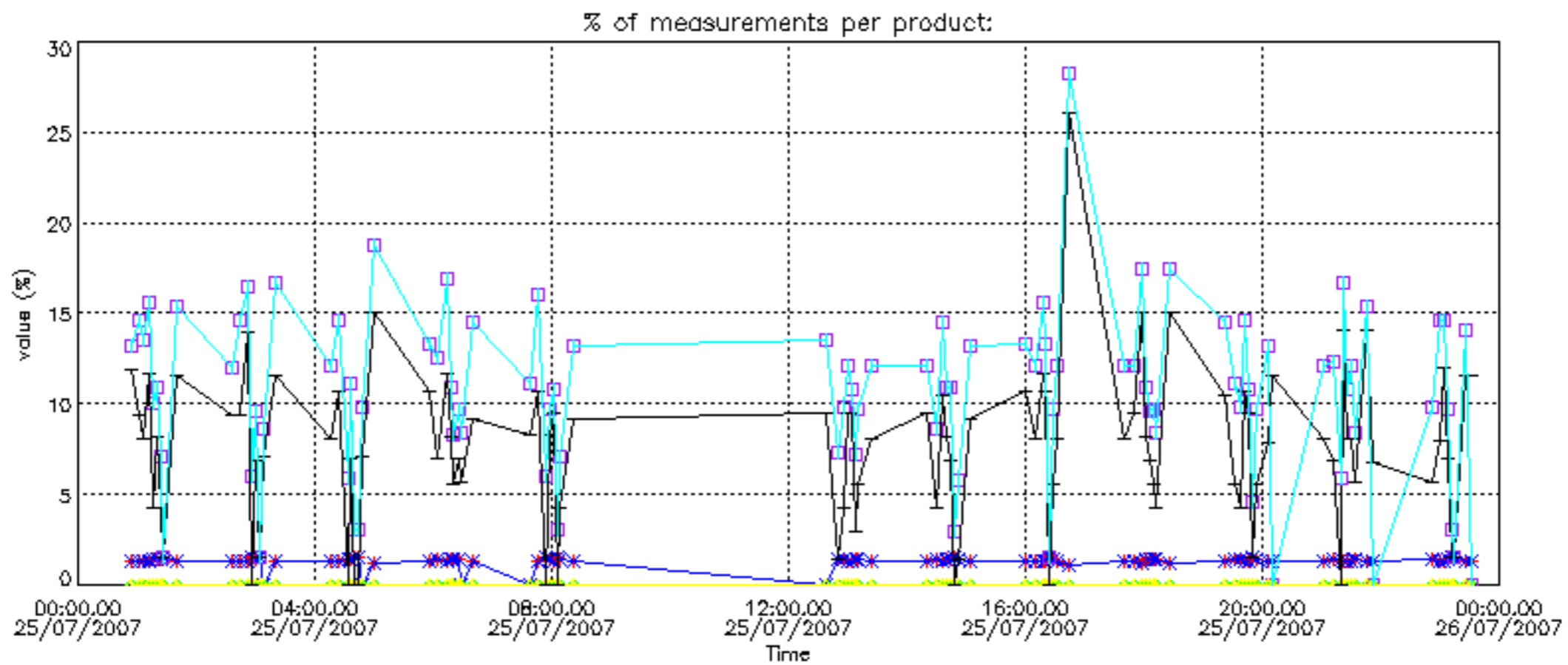
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

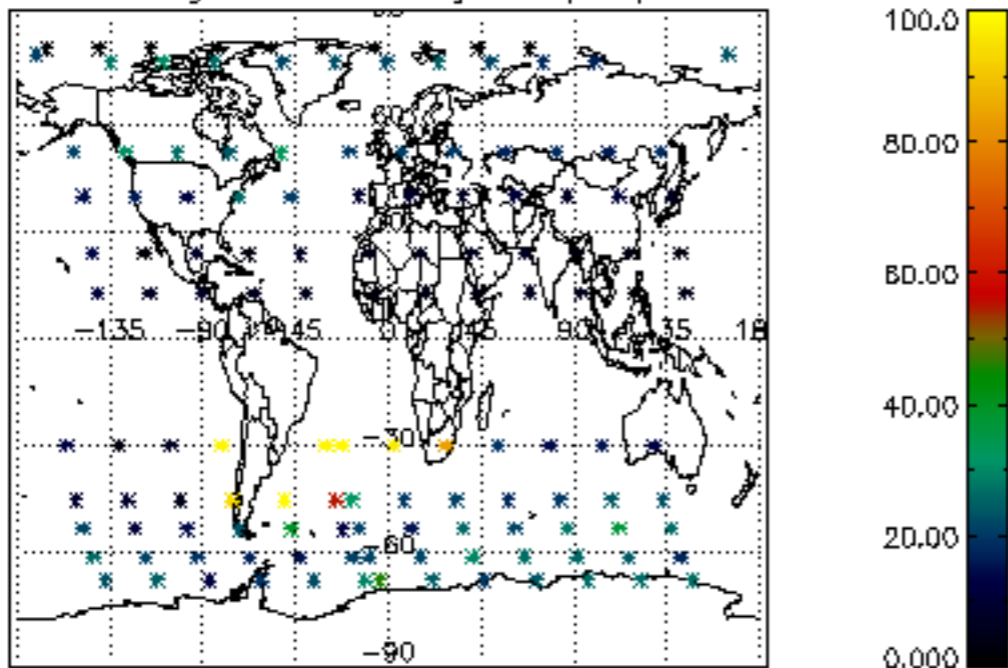




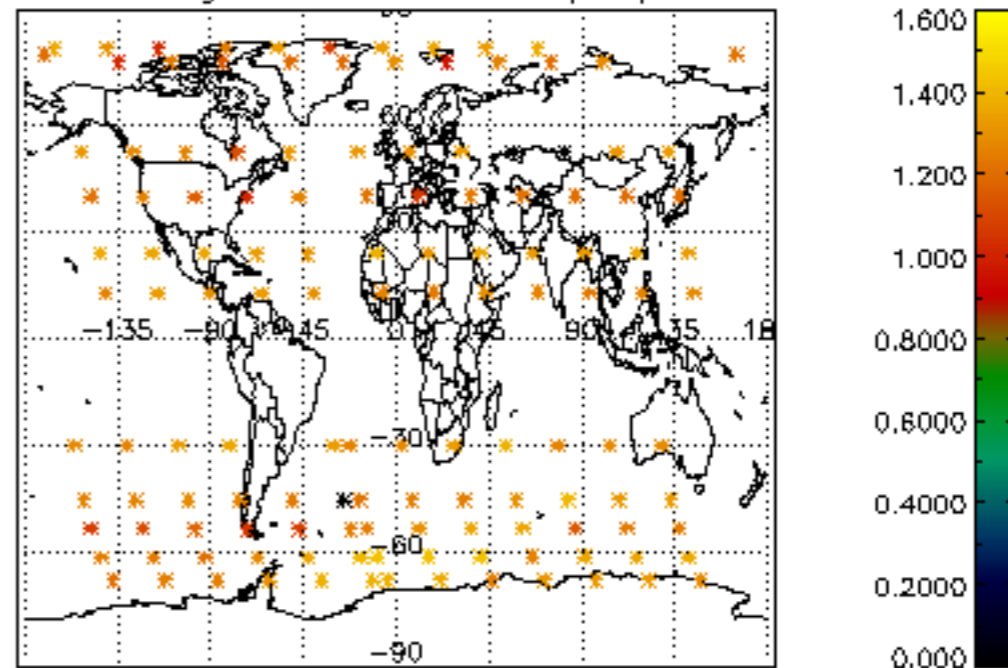




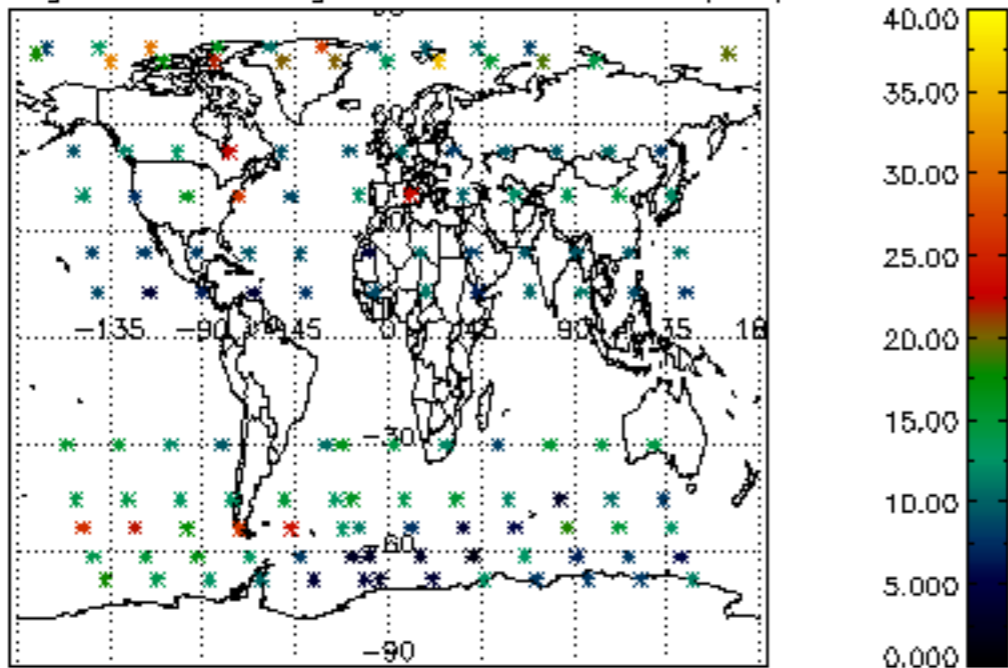
Percentage of cosmic ray hits per profile



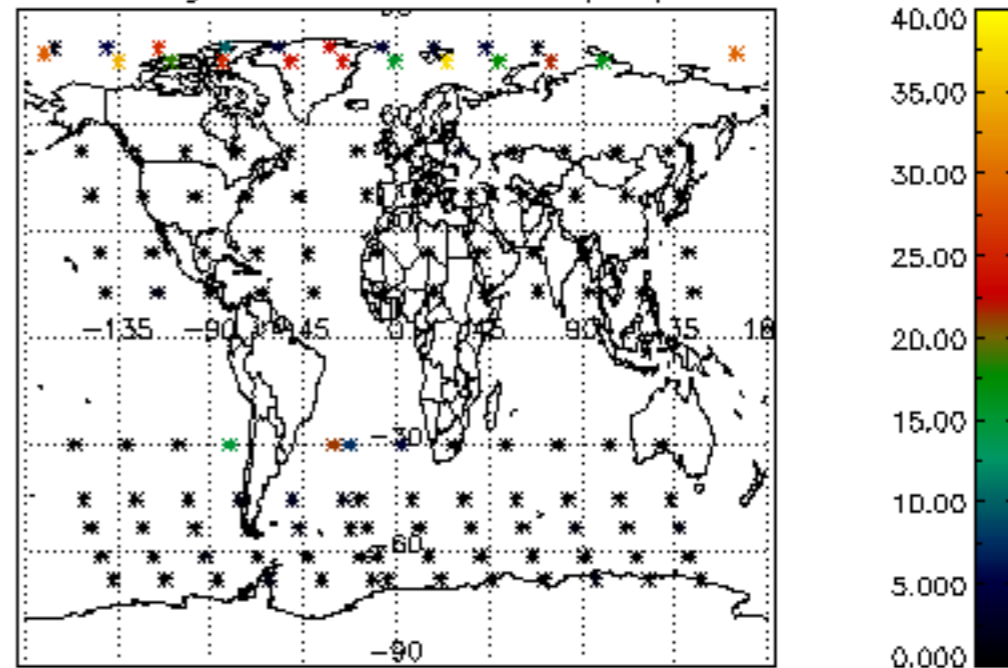
Percentage of datation errors per profile



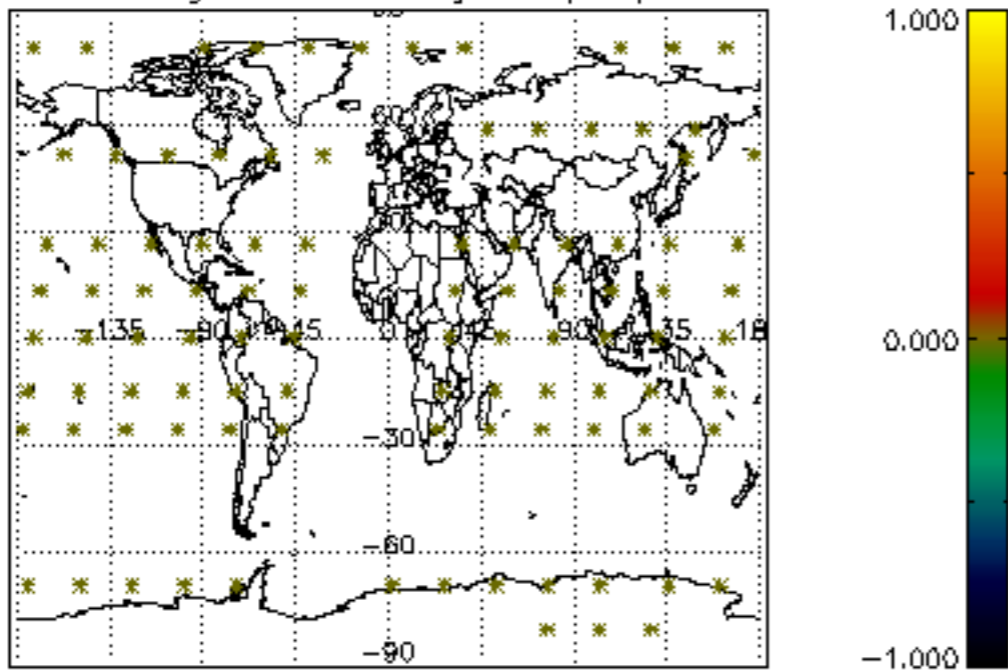
Percentage of star falling outside central band per profile



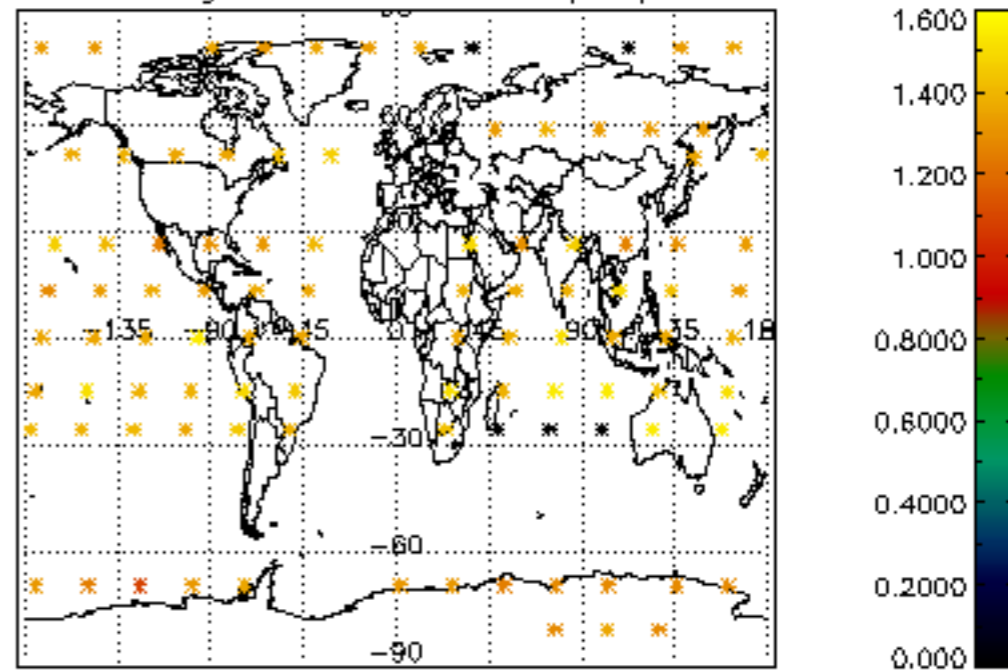
Percentage of saturation errors per profile



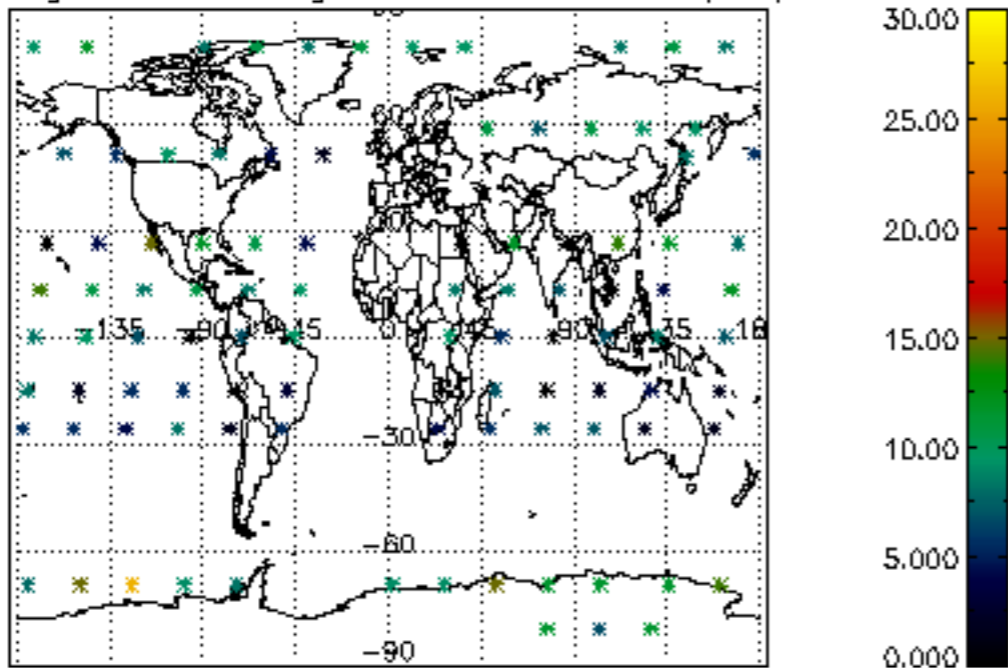
Percentage of cosmic ray hits per profile



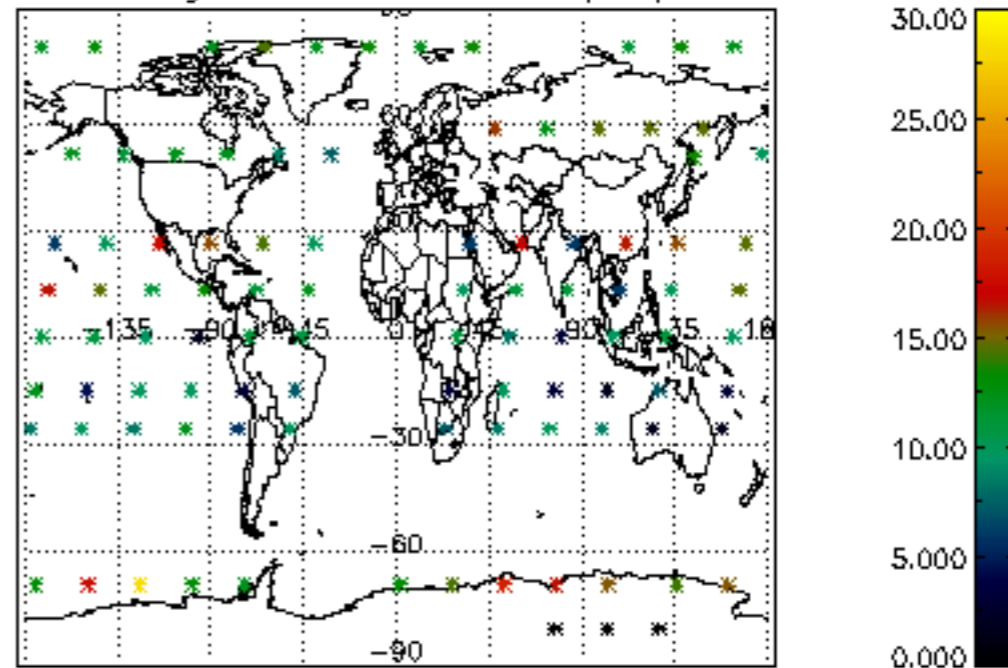
Percentage of datation errors per profile

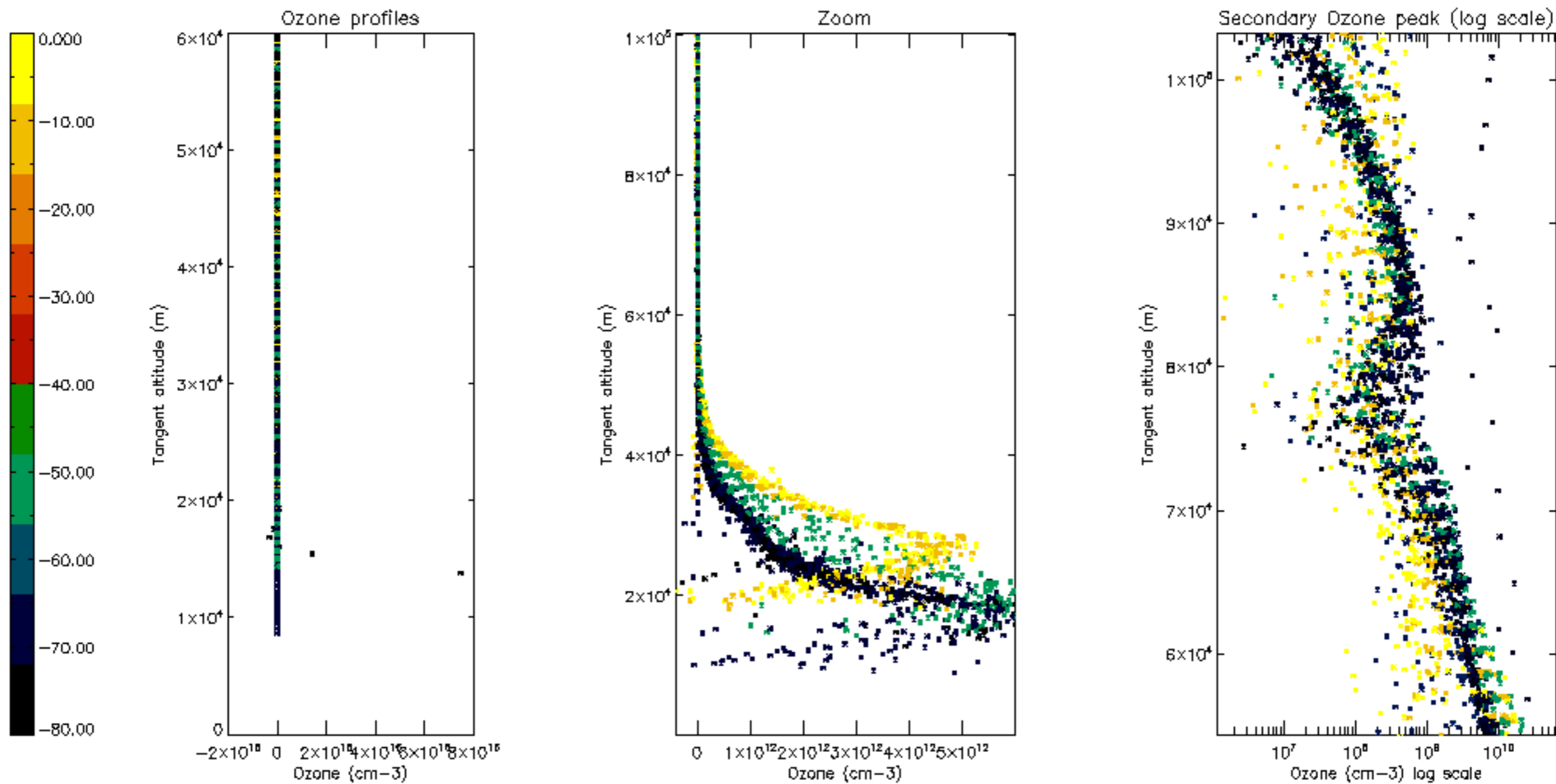


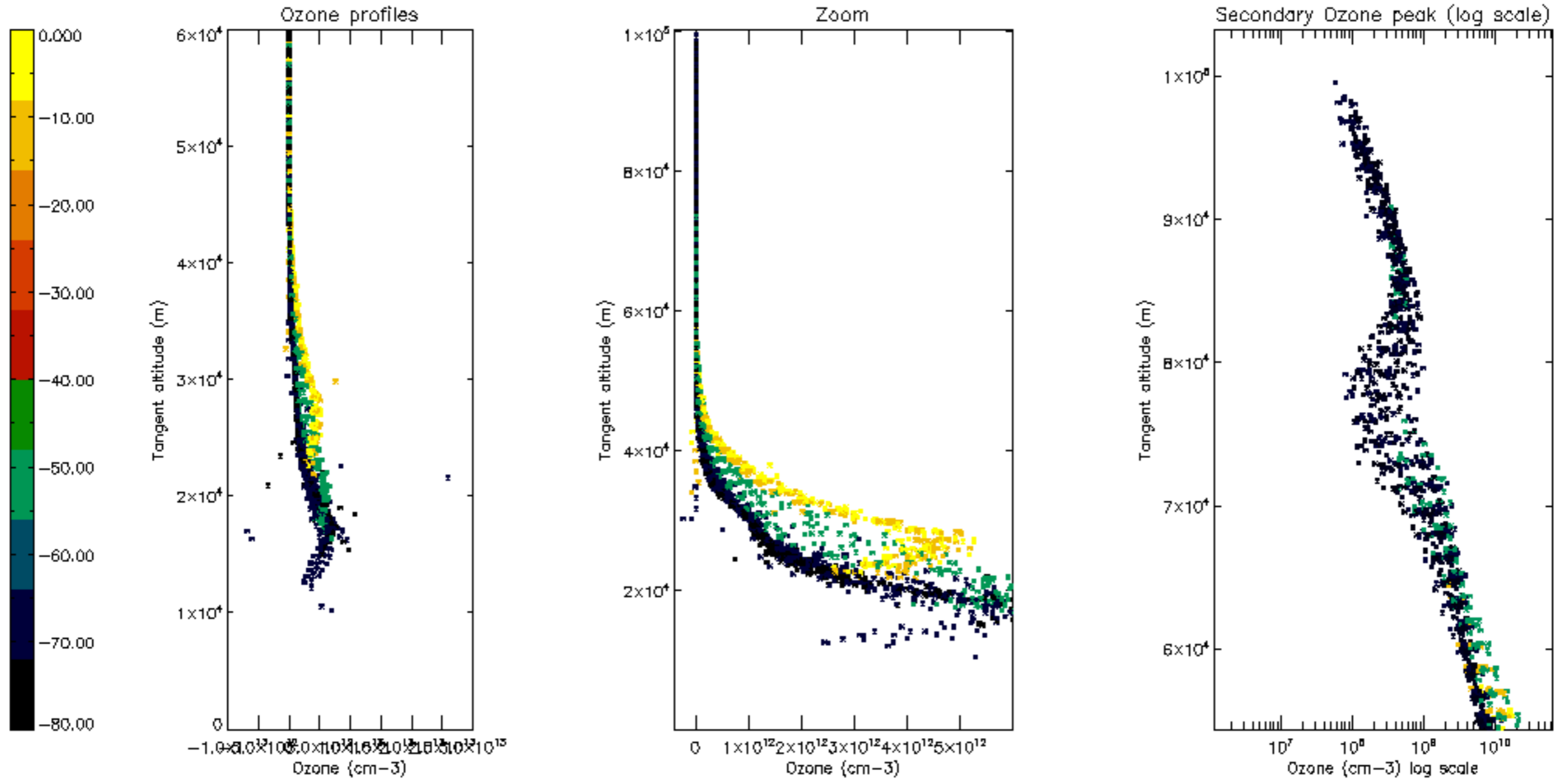
Percentage of star falling outside central band per profile



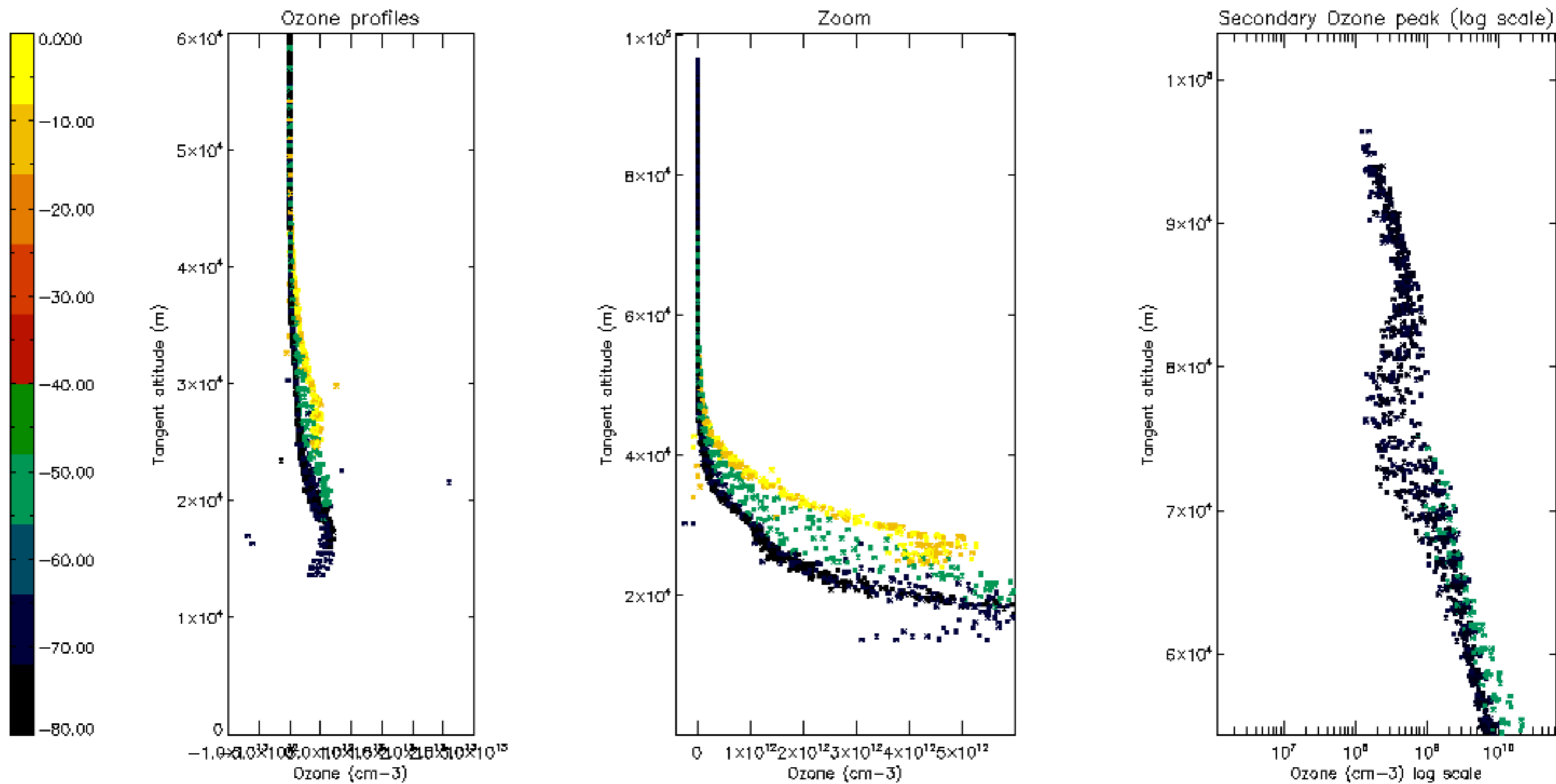
Percentage of saturation errors per profile

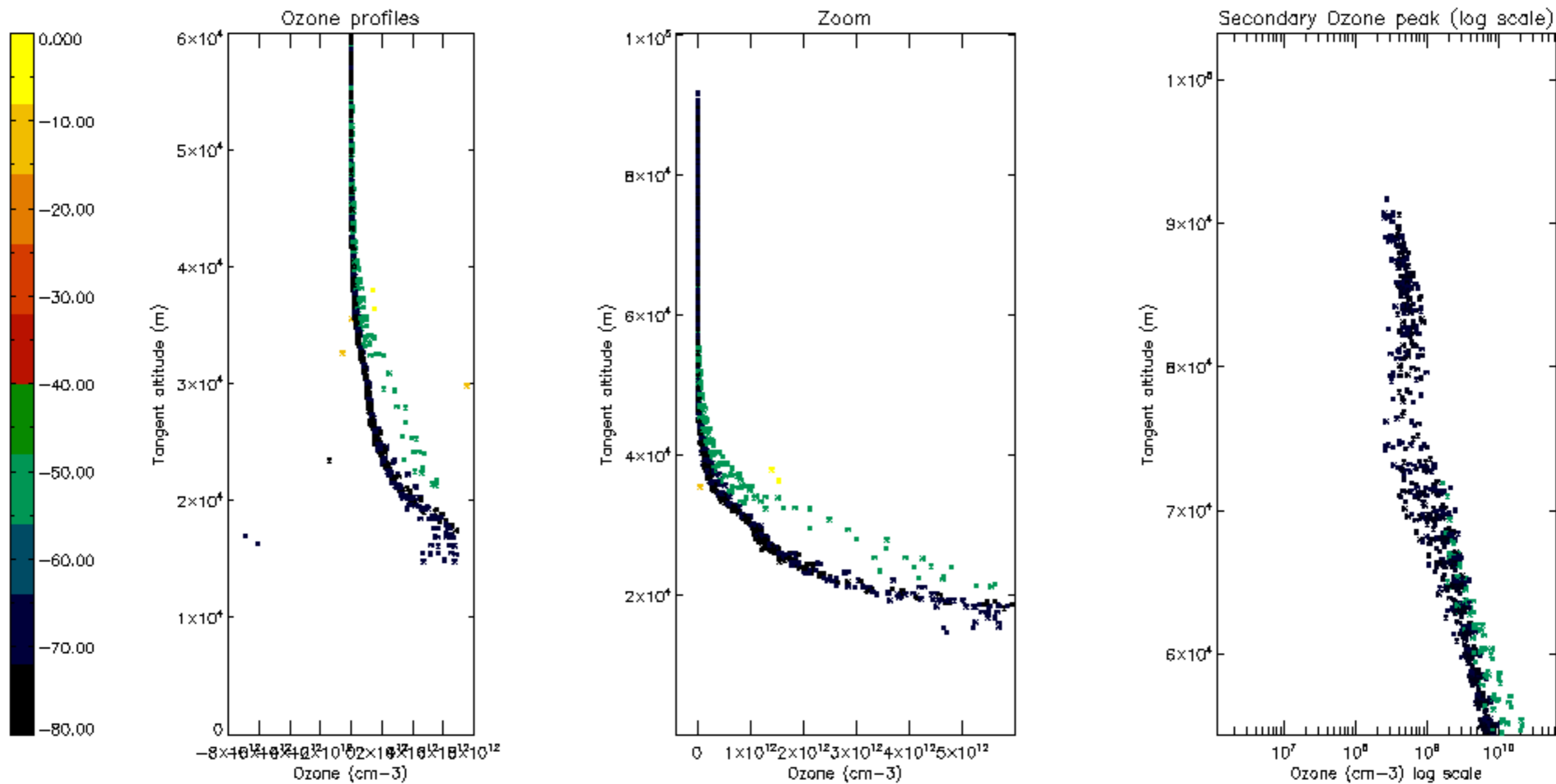


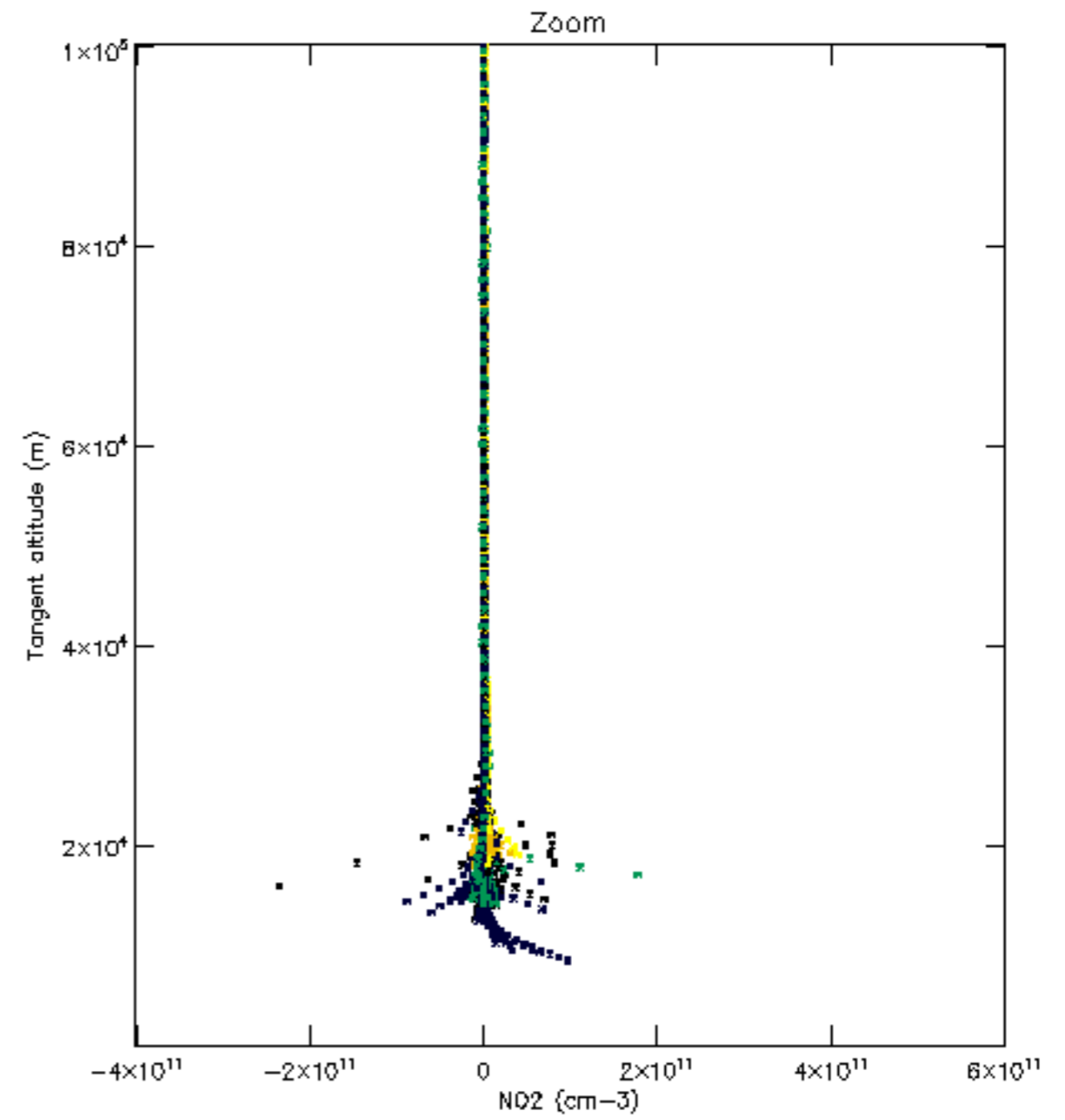
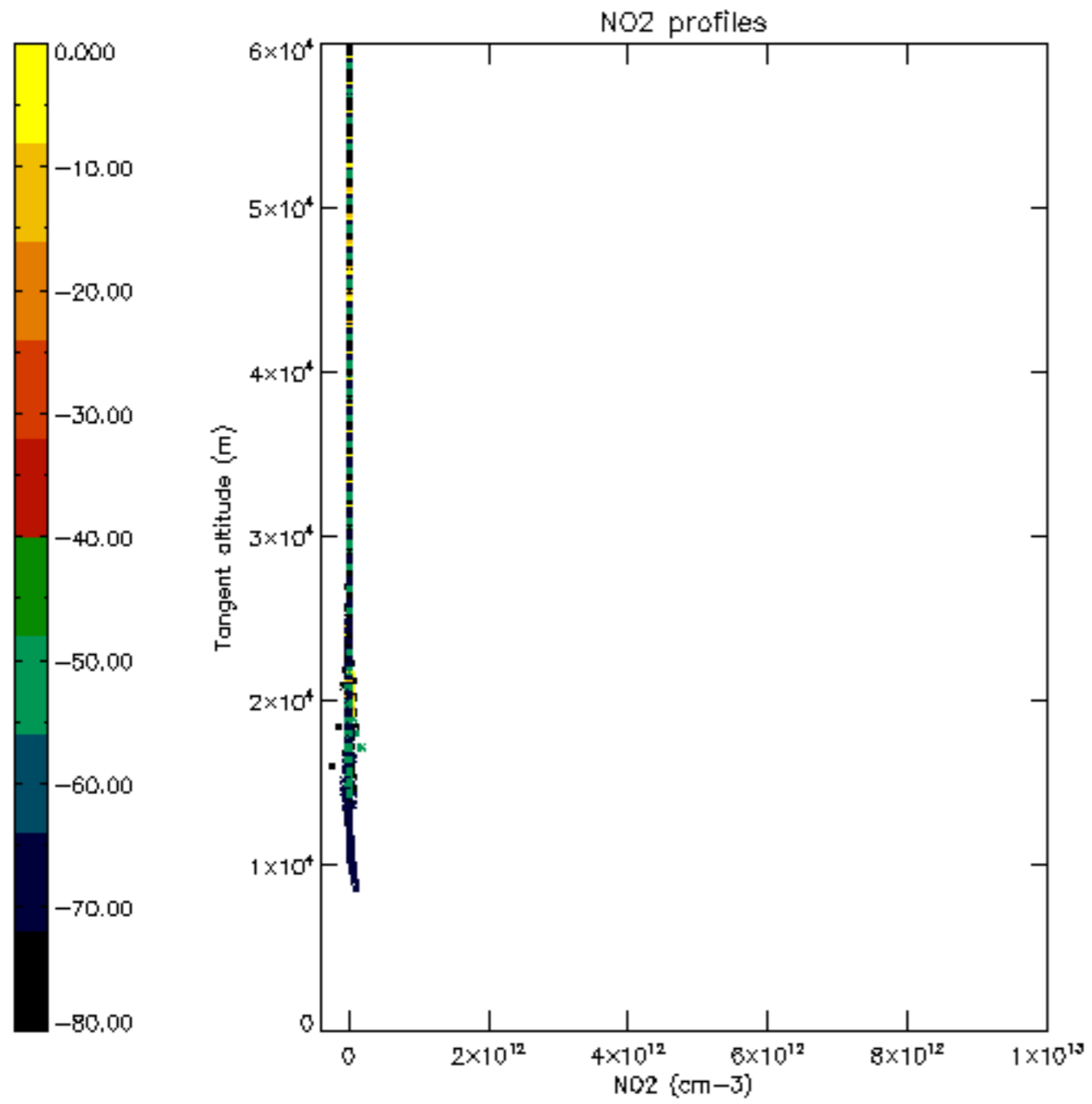


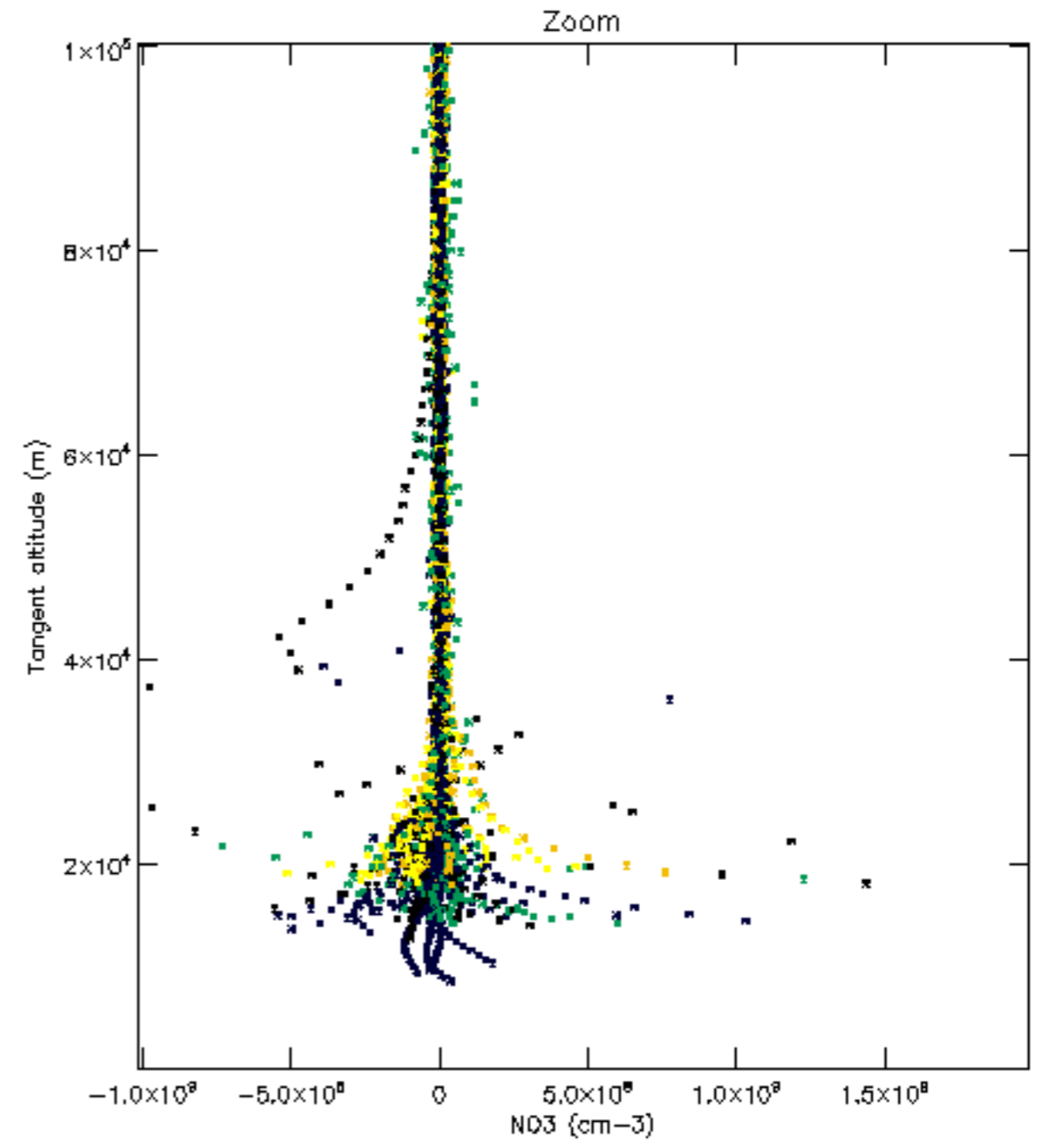
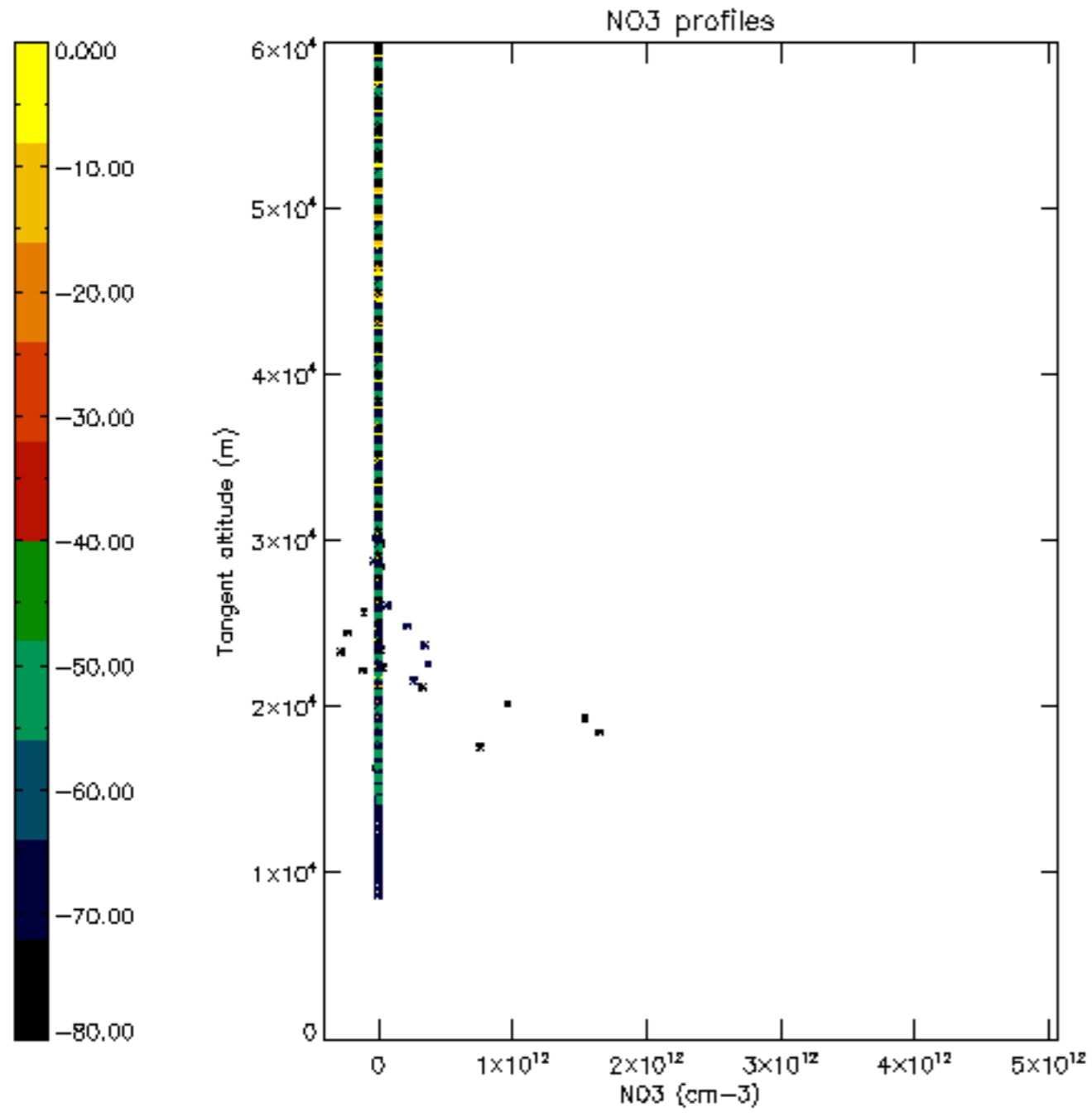




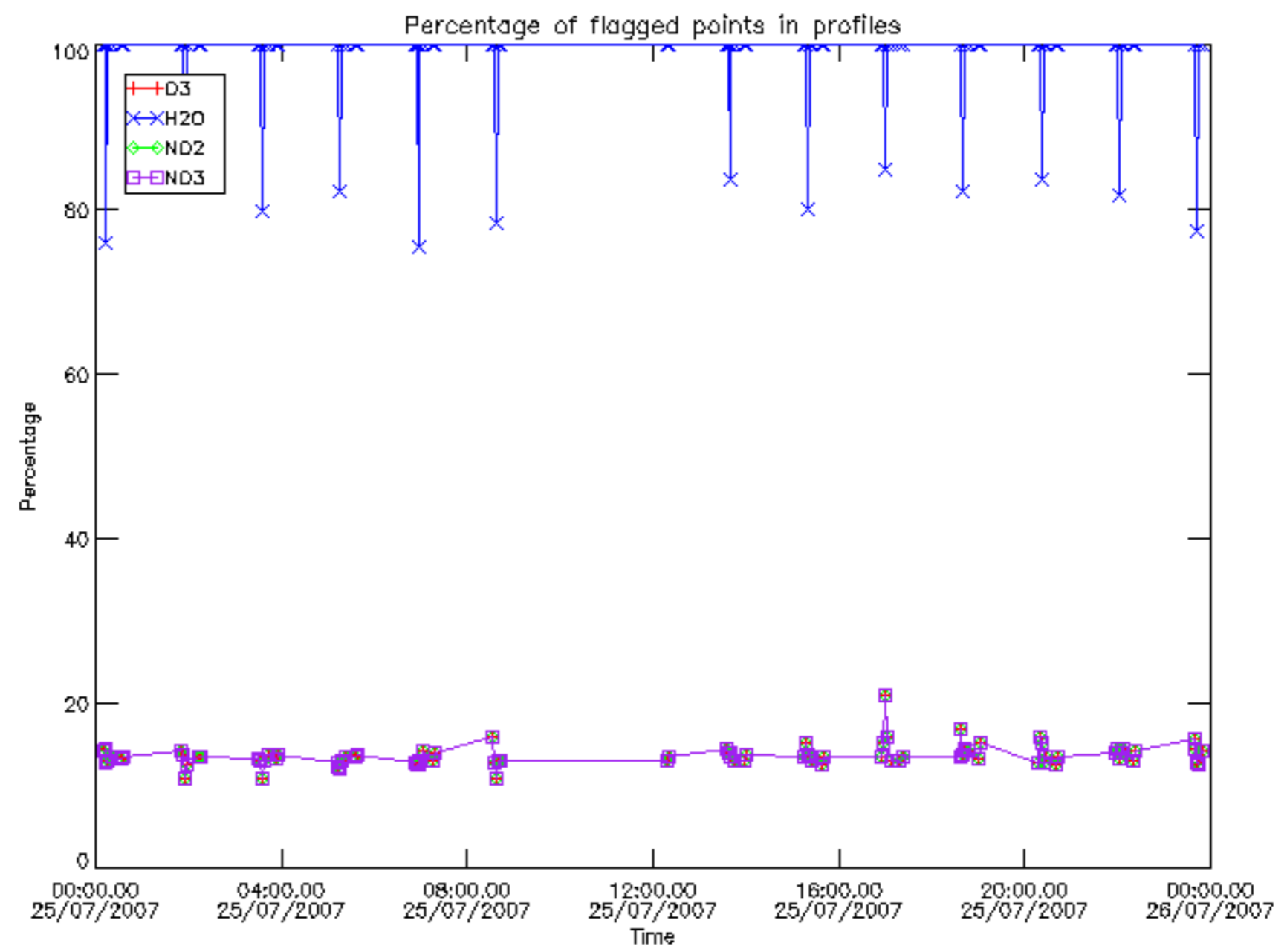




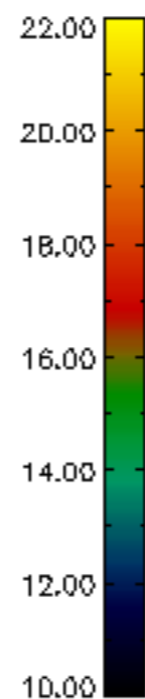
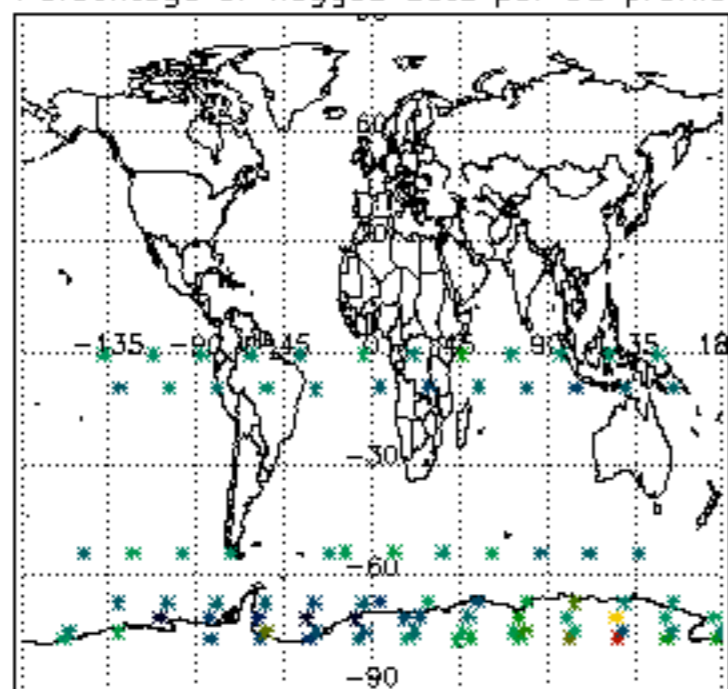




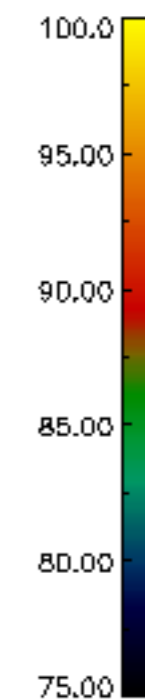
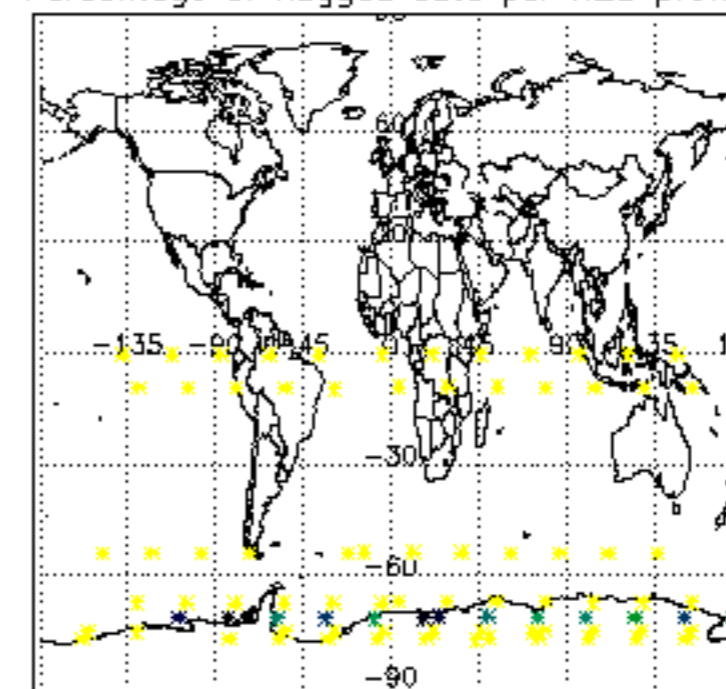




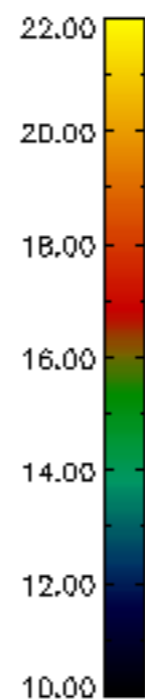
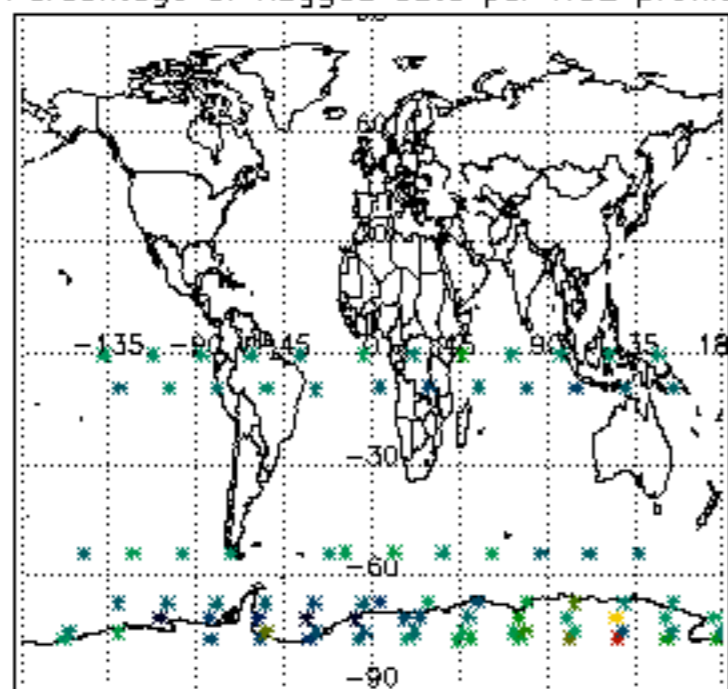
Percentage of flagged data per D3 profile



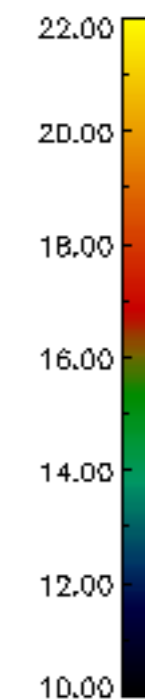
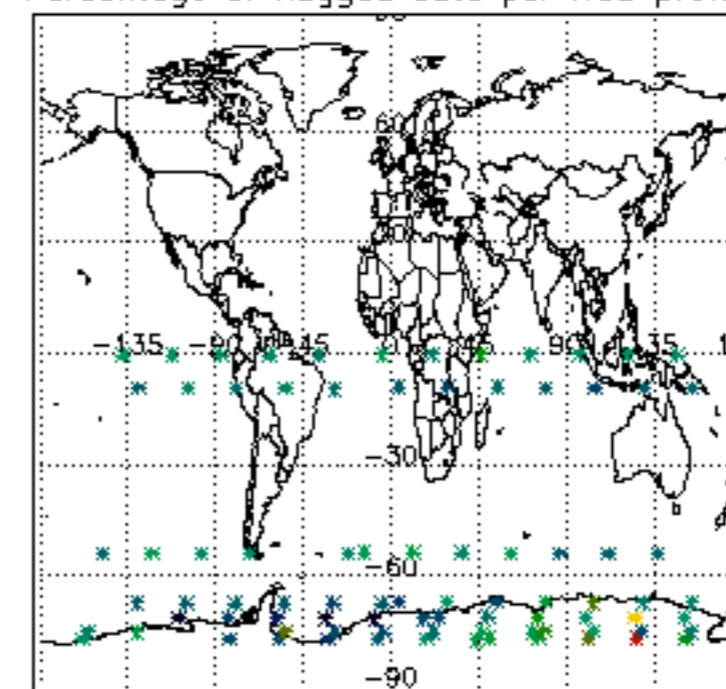
Percentage of flagged data per H2O profile

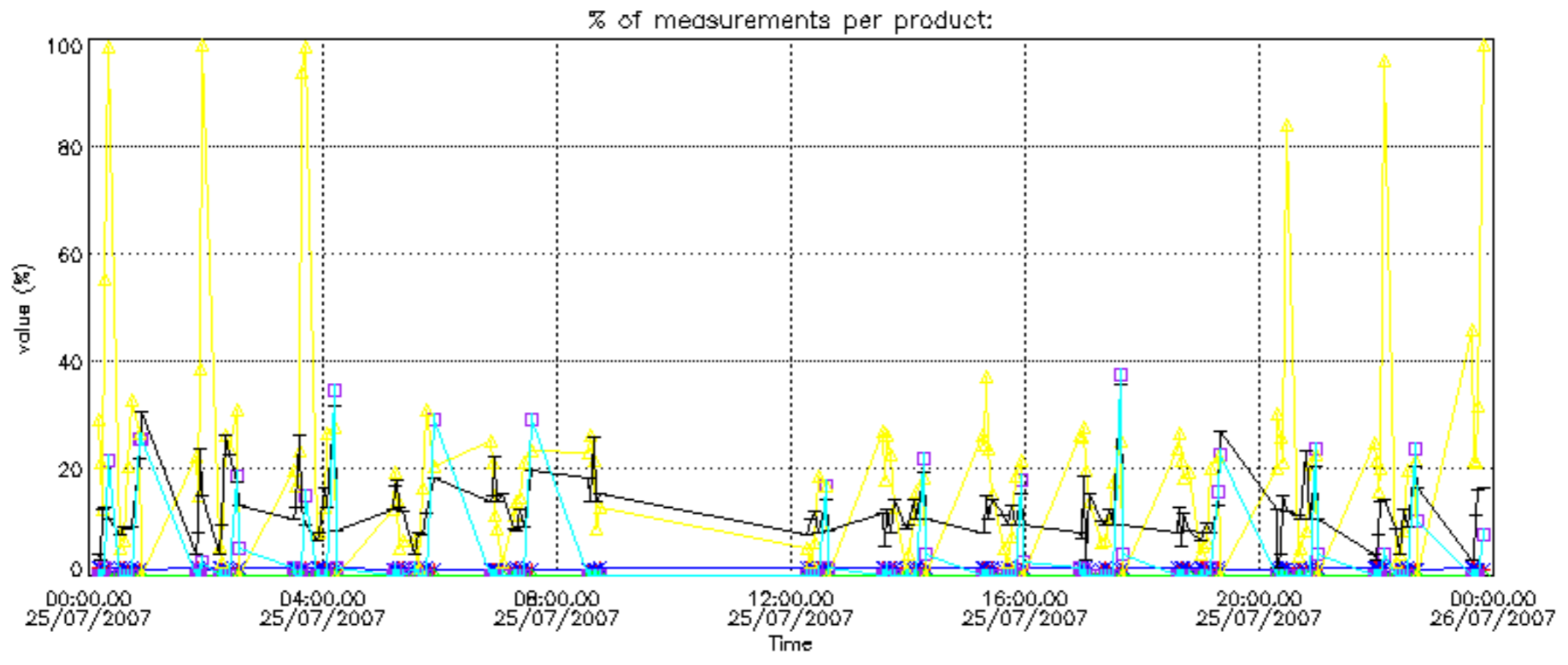


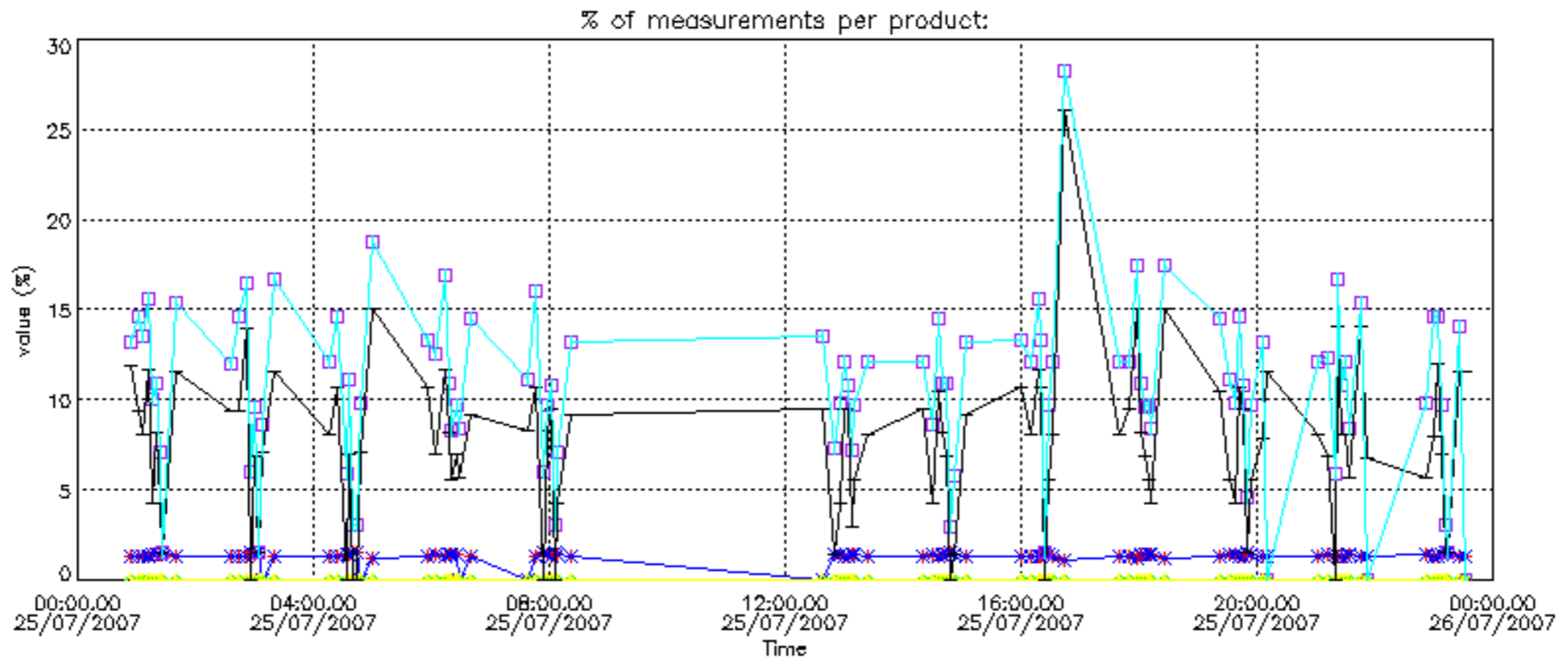
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

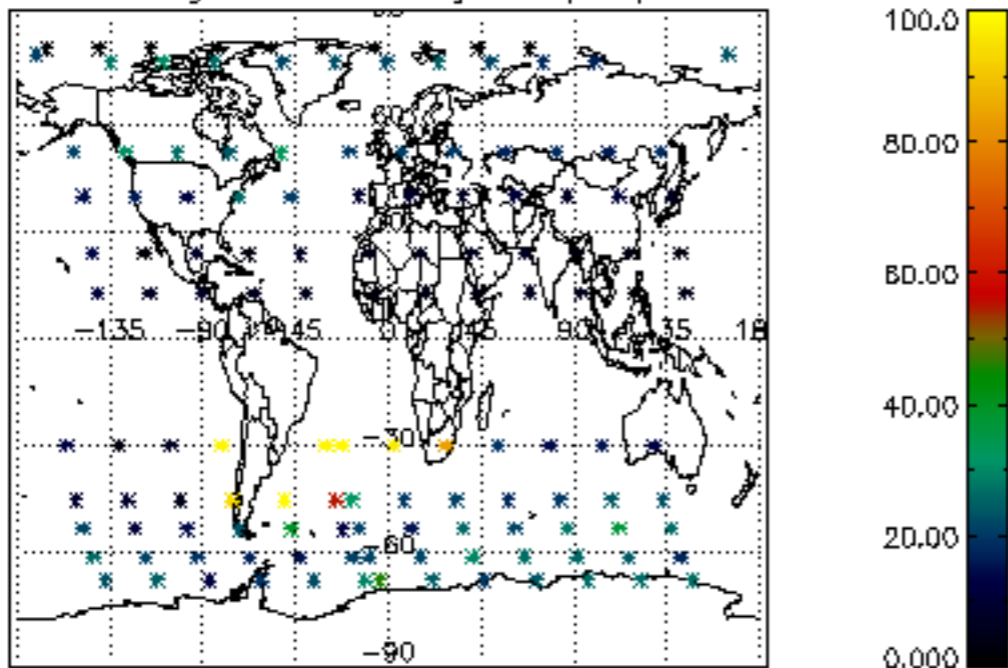




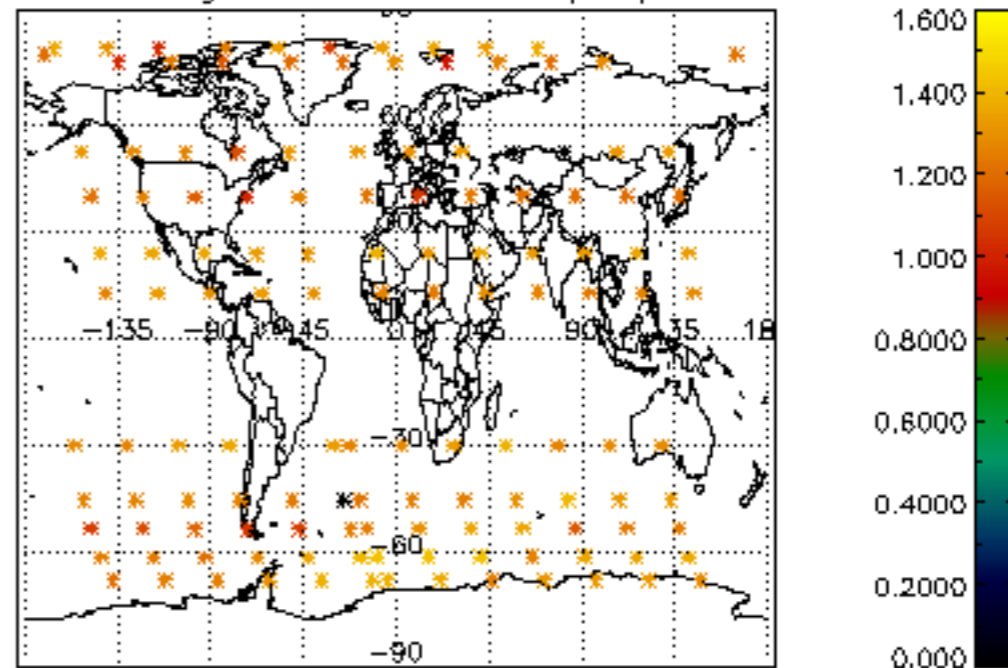




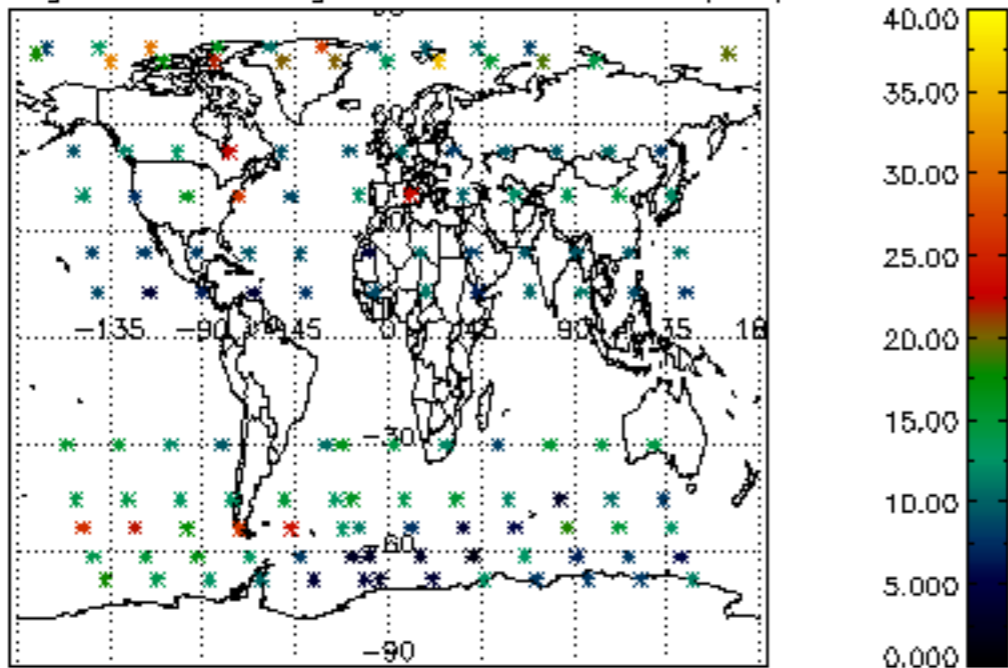
Percentage of cosmic ray hits per profile



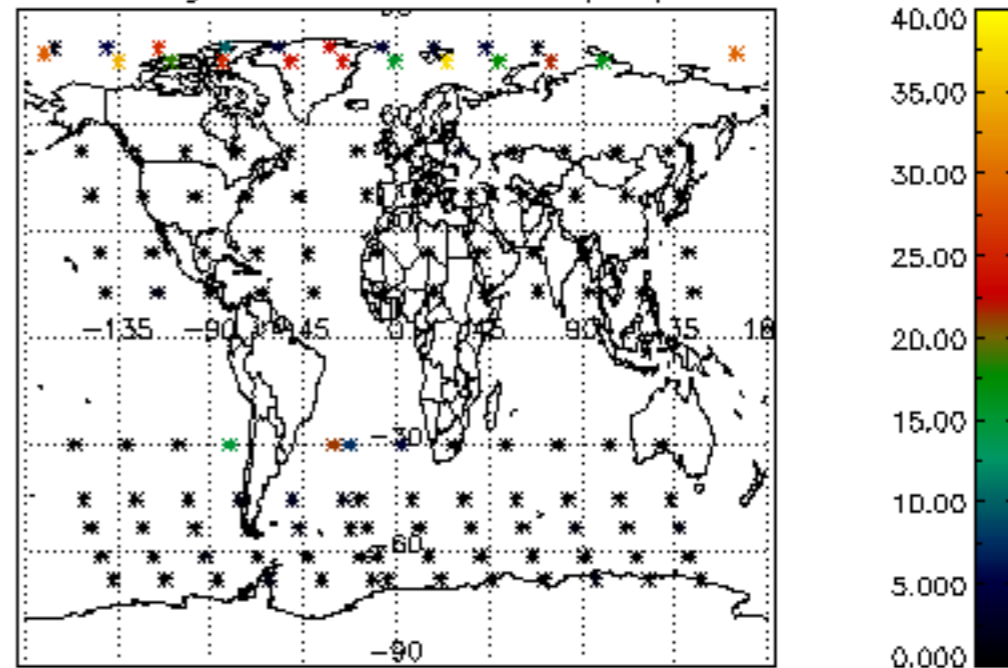
Percentage of datation errors per profile



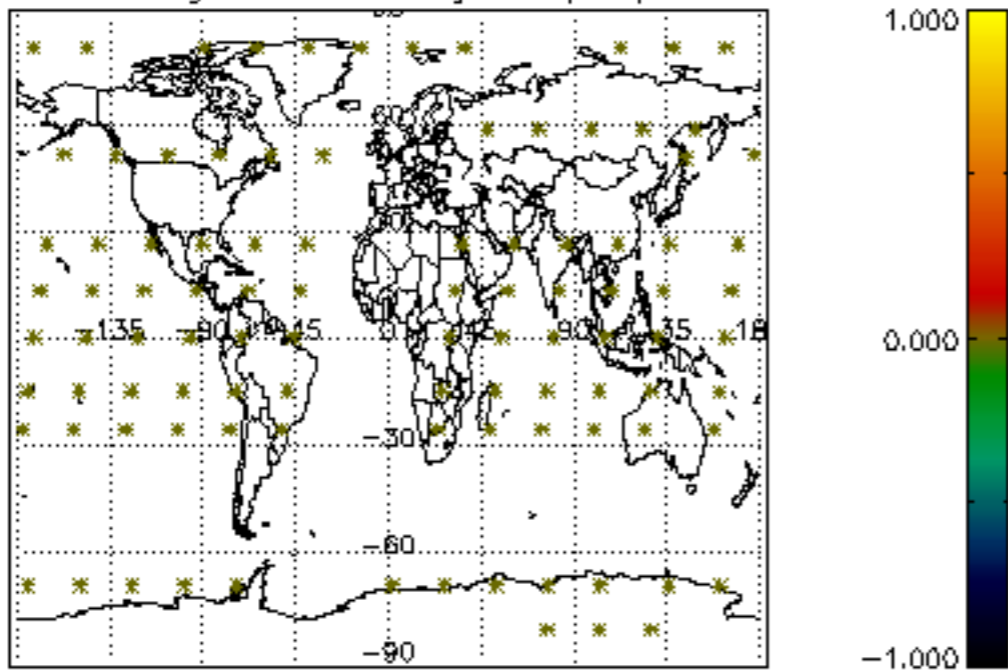
Percentage of star falling outside central band per profile



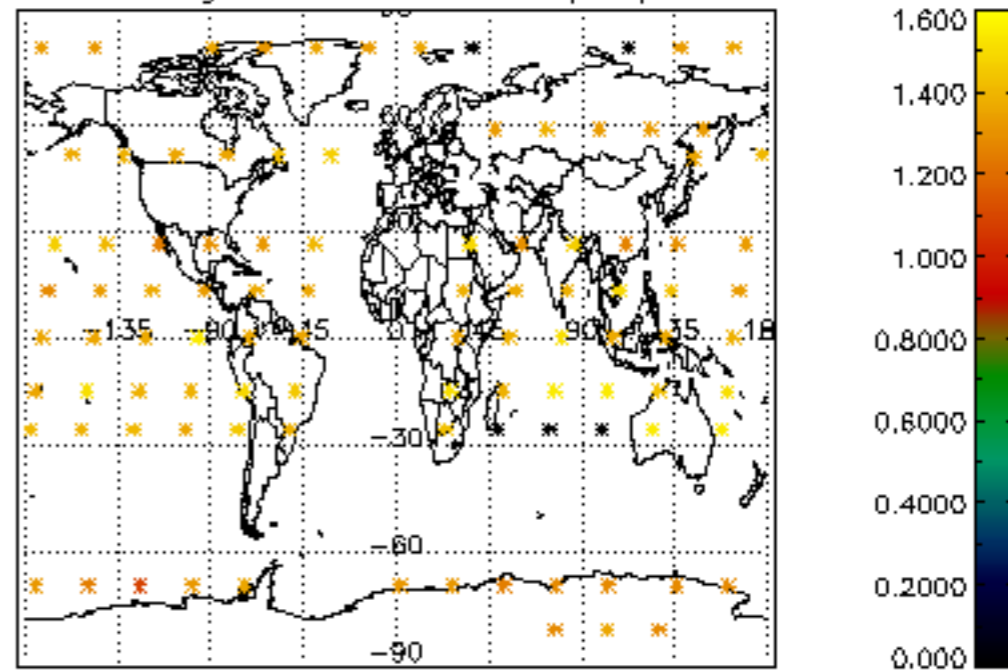
Percentage of saturation errors per profile



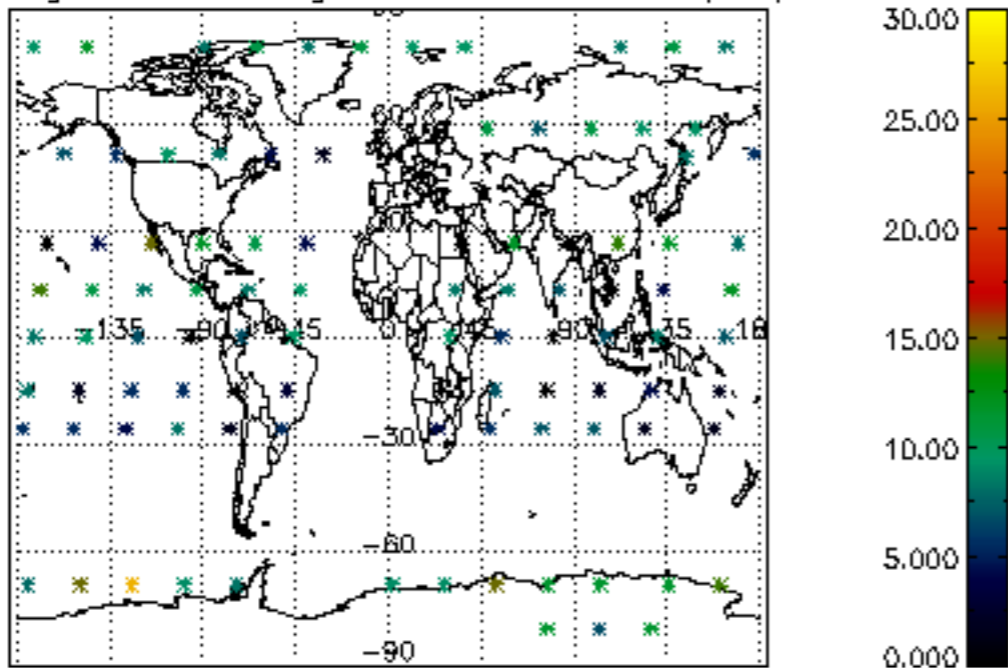
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

