

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 17:31:34
Data source version	GOMOS/6.01
Start time of products	24-07-2008 (24JUL2008 00:00:00)
Stop time of products	25-07-2008 (25JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
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__2PRFIN20080724_000333_000000342070_00331_33451_9378.N1	24-JUL-2008 00:03:33	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	33451	No
2	GOM_NL__2PRFIN20080724_001431_000000362070_00331_33451_9379.N1	24-JUL-2008 00:14:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33451	No
3	GOM_NL__2PRFIN20080724_002705_000000412070_00331_33451_9380.N1	24-JUL-2008 00:27:05	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33451	No
4	GOM_NL__2PRFIN20080724_003100_000000422070_00331_33451_9381.N1	24-JUL-2008 00:31:00	Bright	42.000	114	3lot Aur	2.6930	4600.0	84	33451	No
5	GOM_NL__2PRFIN20080724_003620_000000512070_00331_33451_9382.N1	24-JUL-2008 00:36:20	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	33451	No
6	GOM_NL__2PRFIN20080724_003825_000000392070_00331_33451_9383.N1	24-JUL-2008 00:38:25	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	33451	No
7	GOM_NL__2PRFIN20080724_004020_000000402070_00331_33451_9384.N1	24-JUL-2008 00:40:20	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	33451	No
8	GOM_NL__2PRFIN20080724_004239_000000432070_00331_33451_9385.N1	24-JUL-2008 00:42:39	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	33451	No
9	GOM_NL__2PRFIN20080724_004457_000000362070_00331_33451_9386.N1	24-JUL-2008 00:44:57	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	33451	No
10	GOM_NL__2PRFIN20080724_004624_000000322070_00331_33451_9387.N1	24-JUL-2008 00:46:24	Dark	32.000	165	34Gam Eri	2.9500	3200.0	64	33451	No
11	GOM_NL__2PRFIN20080724_005541_000000442070_00331_33451_9388.N1	24-JUL-2008 00:55:41	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33451	No
12	GOM_NL__2PRFIN20080724_010136_000000502070_00332_33452_9384.N1	24-JUL-2008 01:01:36	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33452	No
13	GOM_NL__2PRFIN20080724_010422_000000372070_00332_33452_9385.N1	24-JUL-2008 01:04:22	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33452	No
14	GOM_NL__2PRFIN20080724_010852_000000422070_00332_33452_9386.N1	24-JUL-2008 01:08:52	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33452	No
15	GOM_NL__2PRFIN20080724_011224_000000402070_00332_33452_9387.N1	24-JUL-2008 01:12:24	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33452	No
16	GOM_NL__2PRFIN20080724_012058_000000442070_00332_33452_9388.N1	24-JUL-2008 01:20:58	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	33452	No
17	GOM_NL__2PRFIN20080724_012322_000000382070_00332_33452_9389.N1	24-JUL-2008 01:23:22	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33452	No
18	GOM_NL__2PRFIN20080724_013329_000000212070_00332_33452_9390.N1	24-JUL-2008 01:33:29	Twi_and_stray	20.500	168	17Zet Aql	2.9860	11000.	41	33452	No
19	GOM_NL__2PRFIN20080724_014032_000000402070_00332_33452_9391.N1	24-JUL-2008 01:40:32	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33452	No
20	GOM_NL__2PRFIN20080724_014309_000000262070_00332_33452_9392.N1	24-JUL-2008 01:43:09	Twi_and_stray	26.000	144	18Del Cyg	2.8600	11000.	52	33452	No
21	GOM_NL__2PRFIN20080724_014409_000000332070_00332_33452_9393.N1	24-JUL-2008 01:44:09	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	33452	No
22	GOM_NL__2PRFIN20080724_015506_000000342070_00332_33452_9394.N1	24-JUL-2008 01:55:06	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33452	No
23	GOM_NL__2PRFIN20080724_020741_000000382070_00332_33452_9395.N1	24-JUL-2008 02:07:41	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	33452	No
24	GOM_NL__2PRFIN20080724_021136_000000412070_00332_33452_9396.N1	24-JUL-2008 02:11:36	Bright	41.000	114	3lot Aur	2.6930	4600.0	82	33452	No
25	GOM_NL__2PRFIN20080724_021656_000000452070_00332_33452_9397.N1	24-JUL-2008 02:16:56	Dark	44.500	13	87Alp Tau	0.86700	3800.0	89	33452	No
26	GOM_NL__2PRFIN20080724_021901_000000392070_00332_33452_9398.N1	24-JUL-2008 02:19:01	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	33452	No
27	GOM_NL__2PRFIN20080724_022057_000000372070_00332_33452_9399.N1	24-JUL-2008 02:20:57	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	33452	No
28	GOM_NL__2PRFIN20080724_022315_000000372070_00332_33452_9400.N1	24-JUL-2008 02:23:15	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	33452	No
29	GOM_NL__2PRFIN20080724_022533_000000352070_00332_33452_9401.N1	24-JUL-2008 02:25:33	Dark	34.500	101	11Alp Lep	2.5820	7000.0	69	33452	No
30	GOM_NL__2PRFIN20080724_023618_000000432070_00332_33452_9402.N1	24-JUL-2008 02:36:18	Dark	42.500	157	The1Eri	2.9060	9300.0	85	33452	No
31	GOM_NL__2PRFIN20080724_024213_000000502070_00333_33453_9395.N1	24-JUL-2008 02:42:13	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33453	No
32	GOM_NL__2PRFIN20080724_024458_000000372070_00333_33453_9396.N1	24-JUL-2008 02:44:58	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33453	No
33	GOM_NL__2PRFIN20080724_024928_000000422070_00333_33453_9397.N1	24-JUL-2008 02:49:28	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33453	No
34	GOM_NL__2PRFIN20080724_025300_000000412070_00333_33453_9398.N1	24-JUL-2008 02:53:00	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33453	No
35	GOM_NL__2PRFIN20080724_030134_000000392070_00333_33453_9399.N1	24-JUL-2008 03:01:34	Bright	38.500	103	38Zet Sgr	2.6000	9700.0	77	33453	No
36	GOM_NL__2PRFIN20080724_030358_000000372070_00333_33453_9400.N1	24-JUL-2008 03:03:58	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33453	No
37	GOM_NL__2PRFIN20080724_031405_000000362070_00333_33453_9401.N1	24-JUL-2008 03:14:05	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33453	No
38	GOM_NL__2PRFIN20080724_032108_000000392070_00333_33453_9402.N1	24-JUL-2008 03:21:08	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33453	No
39	GOM_NL__2PRFIN20080724_032345_000000262070_00333_33453_9403.N1	24-JUL-2008 03:23:45	Twi_and_stray	26.000	144	18Del Cyg	2.8600	11000.	52	33453	No
40	GOM_NL__2PRFIN20080724_032445_000000342070_00333_33453_9404.N1	24-JUL-2008 03:24:45	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	33453	No
41	GOM_NL__2PRFIN20080724_033542_000000322070_00333_33453_9405.N1	24-JUL-2008 03:35:42	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33453	No
42	GOM_NL__2PRFIN20080724_034817_000000382070_00333_33453_9406.N1	24-JUL-2008 03:48:17	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	33453	No

43	GOM_NL__2PRFIN20080724_035212_000000412070_00333_33453_9407.N1	24-JUL-2008 03:52:12	Bright	41.000	114	3lot Aur	2.6930	4600.0	82	33453	No
44	GOM_NL__2PRFIN20080724_035732_000000442070_00333_33453_9408.N1	24-JUL-2008 03:57:32	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	33453	No
45	GOM_NL__2PRFIN20080724_035937_000000382070_00333_33453_9409.N1	24-JUL-2008 03:59:37	Dark	37.500	27	24Gam Ori	1.6360	26000.	75	33453	No
46	GOM_NL__2PRFIN20080724_040133_000000352070_00333_33453_9410.N1	24-JUL-2008 04:01:33	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	33453	No
47	GOM_NL__2PRFIN20080724_040351_000000352070_00333_33453_9411.N1	24-JUL-2008 04:03:51	Dark	35.000	7	19Bet Ori	0.10000	14000.	70	33453	No
48	GOM_NL__2PRFIN20080724_040609_000000392070_00333_33453_9412.N1	24-JUL-2008 04:06:09	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	33453	No
49	GOM_NL__2PRFIN20080724_041655_000000452070_00333_33453_9413.N1	24-JUL-2008 04:16:55	Dark	45.000	157	The1Eri	2.9060	9300.0	90	33453	No
50	GOM_NL__2PRFIN20080724_042250_000000422070_00334_33454_9415.N1	24-JUL-2008 04:22:50	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33454	No
51	GOM_NL__2PRFIN20080724_042534_000000372070_00334_33454_9416.N1	24-JUL-2008 04:25:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33454	No
52	GOM_NL__2PRFIN20080724_043004_000000422070_00334_33454_9417.N1	24-JUL-2008 04:30:04	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33454	No
53	GOM_NL__2PRFIN20080724_043336_000000382070_00334_33454_9418.N1	24-JUL-2008 04:33:36	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	33454	No
54	GOM_NL__2PRFIN20080724_044210_000000422070_00334_33454_9419.N1	24-JUL-2008 04:42:10	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	33454	No
55	GOM_NL__2PRFIN20080724_044434_000000382070_00334_33454_9420.N1	24-JUL-2008 04:44:34	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	33454	No
56	GOM_NL__2PRFIN20080724_045441_000000362070_00334_33454_9421.N1	24-JUL-2008 04:54:41	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33454	No
57	GOM_NL__2PRFIN20080724_050144_000000382070_00334_33454_9422.N1	24-JUL-2008 05:01:44	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	33454	No
58	GOM_NL__2PRFIN20080724_050421_000000342070_00334_33454_9423.N1	24-JUL-2008 05:04:21	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33454	No
59	GOM_NL__2PRFIN20080724_050544_000000362070_00334_33454_9424.N1	24-JUL-2008 05:05:44	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33454	No
60	GOM_NL__2PRFIN20080724_051618_000000362070_00334_33454_9425.N1	24-JUL-2008 05:16:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33454	No
61	GOM_NL__2PRFIN20080724_052853_000000412070_00334_33454_9426.N1	24-JUL-2008 05:28:53	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33454	No
62	GOM_NL__2PRFIN20080724_053248_000000382070_00334_33454_9427.N1	24-JUL-2008 05:32:48	Bright	37.500	114	3lot Aur	2.6930	4600.0	75	33454	No
63	GOM_NL__2PRFIN20080724_053808_000000432070_00334_33454_9428.N1	24-JUL-2008 05:38:08	Dark	43.000	13	87Alp Tau	0.86700	3800.0	86	33454	No
64	GOM_NL__2PRFIN20080724_054013_000000362070_00334_33454_9429.N1	24-JUL-2008 05:40:13	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	33454	No
65	GOM_NL__2PRFIN20080724_054209_000000342070_00334_33454_9430.N1	24-JUL-2008 05:42:09	Dark	33.500	30	46Eps Ori	1.6940	30000.	67	33454	No
66	GOM_NL__2PRFIN20080724_054427_000000362070_00334_33454_9431.N1	24-JUL-2008 05:44:27	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	33454	No
67	GOM_NL__2PRFIN20080724_054646_000000392070_00334_33454_9432.N1	24-JUL-2008 05:46:46	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	33454	No
68	GOM_NL__2PRFIN20080724_055731_000000432070_00334_33454_9433.N1	24-JUL-2008 05:57:31	Dark	43.000	157	The1Eri	2.9060	9300.0	86	33454	No
69	GOM_NL__2PRFIN20080724_060326_000000532070_00335_33455_9428.N1	24-JUL-2008 06:03:26	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33455	No
70	GOM_NL__2PRFIN20080724_060610_000000372070_00335_33455_9429.N1	24-JUL-2008 06:06:10	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33455	No
71	GOM_NL__2PRFIN20080724_061041_000000402070_00335_33455_9430.N1	24-JUL-2008 06:10:41	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33455	No
72	GOM_NL__2PRFIN20080724_061413_000000392070_00335_33455_9431.N1	24-JUL-2008 06:14:13	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33455	No
73	GOM_NL__2PRFIN20080724_062246_000000482070_00335_33455_9432.N1	24-JUL-2008 06:22:46	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	33455	No
74	GOM_NL__2PRFIN20080724_062511_000000382070_00335_33455_9433.N1	24-JUL-2008 06:25:11	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33455	No
75	GOM_NL__2PRFIN20080724_063517_000000362070_00335_33455_9434.N1	24-JUL-2008 06:35:17	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33455	No
76	GOM_NL__2PRFIN20080724_064220_000000412070_00335_33455_9435.N1	24-JUL-2008 06:42:20	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	33455	No
77	GOM_NL__2PRFIN20080724_064456_000000342070_00335_33455_9436.N1	24-JUL-2008 06:44:56	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	33455	No
78	GOM_NL__2PRFIN20080724_064621_000000372070_00335_33455_9437.N1	24-JUL-2008 06:46:21	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33455	No
79	GOM_NL__2PRFIN20080724_065654_000000352070_00335_33455_9438.N1	24-JUL-2008 06:56:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33455	No
80	GOM_NL__2PRFIN20080724_070929_000000402070_00335_33455_9439.N1	24-JUL-2008 07:09:29	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	33455	No
81	GOM_NL__2PRFIN20080724_071324_000000402070_00335_33455_9440.N1	24-JUL-2008 07:13:24	Bright	40.000	114	3lot Aur	2.6930	4600.0	80	33455	No
82	GOM_NL__2PRFIN20080724_071845_000000382070_00335_33455_9441.N1	24-JUL-2008 07:18:45	Dark	38.000	13	87Alp Tau	0.86700	3800.0	76	33455	No
83	GOM_NL__2PRFIN20080724_072050_000000342070_00335_33455_9442.N1	24-JUL-2008 07:20:50	Dark	34.000	27	24Gam Ori	1.6360	26000.	68	33455	No
84	GOM_NL__2PRFIN20080724_072245_000000352070_00335_33455_9443.N1	24-JUL-2008 07:22:45	Dark	34.500	30	46Eps Ori	1.6940	30000.	69	33455	No
85	GOM_NL__2PRFIN20080724_072504_000000402070_00335_33455_9444.N1	24-JUL-2008 07:25:04	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	33455	No
86	GOM_NL__2PRFIN20080724_072722_000000402070_00335_33455_9445.N1	24-JUL-2008 07:27:22	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33455	No
87	GOM_NL__2PRFIN20080724_073808_000000452070_00335_33455_9446.N1	24-JUL-2008 07:38:08	Dark	44.500	157	The1Eri	2.9060	9300.0	89	33455	No
88	GOM_NL__2PRFIN20080724_074403_000000422070_00336_33456_9443.N1	24-JUL-2008 07:44:03	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33456	No
89	GOM_NL__2PRFIN20080724_074647_000000362070_00336_33456_9444.N1	24-JUL-2008 07:46:47	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33456	No
90	GOM_NL__2PRFIN20080724_075117_000000412070_00336_33456_9445.N1	24-JUL-2008 07:51:17	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33456	No
91	GOM_NL__2PRFIN20080724_075427_000000252070_00336_33456_9446.N1	24-JUL-2008 07:54:27	Straylight	25.000	31	Alp Gru	1.7340	15200.	50	33456	No
92	GOM_NL__2PRFIN20080724_080322_000000412070_00336_33456_9447.N1	24-JUL-2008 08:03:22	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	33456	No
93	GOM_NL__2PRFIN20080724_080547_000000372070_00336_33456_9448.N1	24-JUL-2008 08:05:47	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33456	No
94	GOM_NL__2PRFIN20080724_081552_000000372070_00336_33456_9449.N1	24-JUL-2008 08:15:52	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	33456	No
95	GOM_NL__2PRFIN20080724_082256_000000342070_00336_33456_9450.N1	24-JUL-2008 08:22:56	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	33456	No
96	GOM_NL__2PRFIN20080724_082532_000000382070_00336_33456_9451.N1	24-JUL-2008 08:25:32	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	33456	No
97	GOM_NL__2PRFIN20080724_082657_000000362070_00336_33456_9452.N1	24-JUL-2008 08:26:57	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	33456	No
98	GOM_NL__2PRFIN20080724_083730_000000342070_00336_33456_9453.N1	24-JUL-2008 08:37:30	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33456	No
99	GOM_NL__2PRFIN20080724_085005_000000402070_00336_33456_9454.N1	24-JUL-2008 08:50:05	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	33456	No
100	GOM_NL__2PRFIN20080724_085400_000000362070_00336_33456_9455.N1	24-JUL-2008 08:54:00	Bright	36.000	114	3lot Aur	2.6930	4600.0	72	33456	No
101	GOM_NL__2PRFIN20080724_085921_000000512070_00336_33456_9456.N1	24-JUL-2008 08:59:21	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	33456	No

102	GOM_NL__2PRFIN20080724_090126_000000342070_00336_33456_9457.N1	24-JUL-2008 09:01:26	Dark	34.000	27	24Gam Ori	1.6360	26000.	68	33456	No
103	GOM_NL__2PRFIN20080724_090321_000000342070_00336_33456_9458.N1	24-JUL-2008 09:03:21	Dark	34.000	30	46Eps Ori	1.6940	30000.	68	33456	No
104	GOM_NL__2PRFIN20080724_090540_000000452070_00336_33456_9459.N1	24-JUL-2008 09:05:40	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	33456	No
105	GOM_NL__2PRFIN20080724_090758_000000382070_00336_33456_9460.N1	24-JUL-2008 09:07:58	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	33456	No
106	GOM_NL__2PRFIN20080724_091845_000000442070_00336_33456_9461.N1	24-JUL-2008 09:18:45	Dark	43.500	157	The1Eri	2.9060	9300.0	87	33456	No
107	GOM_NL__2PRFIN20080724_092439_000000542070_00337_33457_9461.N1	24-JUL-2008 09:24:39	Dark	54.000	9	Alp Eri	0.45300	24000.	108	33457	No
108	GOM_NL__2PRFIN20080724_092723_000000362070_00337_33457_9462.N1	24-JUL-2008 09:27:23	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33457	No
109	GOM_NL__2PRFIN20080724_093154_000000432070_00337_33457_9463.N1	24-JUL-2008 09:31:54	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33457	No
110	GOM_NL__2PRFIN20080724_093504_000000252070_00337_33457_9464.N1	24-JUL-2008 09:35:04	Straylight	25.000	31	Alp Gru	1.7340	15200.	50	33457	No
111	GOM_NL__2PRFIN20080724_094358_000000382070_00337_33457_9465.N1	24-JUL-2008 09:43:58	Bright	37.500	103	38Zet Sgr	2.6000	9700.0	75	33457	No
112	GOM_NL__2PRFIN20080724_094623_000000372070_00337_33457_9466.N1	24-JUL-2008 09:46:23	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33457	No
113	GOM_NL__2PRFIN20080724_095628_000000362070_00337_33457_9467.N1	24-JUL-2008 09:56:28	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33457	No
114	GOM_NL__2PRFIN20080724_100332_000000412070_00337_33457_9468.N1	24-JUL-2008 10:03:32	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	33457	No
115	GOM_NL__2PRFIN20080724_100607_000000392070_00337_33457_9469.N1	24-JUL-2008 10:06:07	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	33457	No
116	GOM_NL__2PRFIN20080724_100733_000000362070_00337_33457_9470.N1	24-JUL-2008 10:07:33	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33457	No
117	GOM_NL__2PRFIN20080724_101806_000000362070_00337_33457_9471.N1	24-JUL-2008 10:18:06	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33457	No
118	GOM_NL__2PRFIN20080724_103041_000000542070_00337_33457_9472.N1	24-JUL-2008 10:30:41	Bright	54.000	6	13Alp Aur	0.080000	3400.0	108	33457	No
119	GOM_NL__2PRFIN20080724_103436_000000402070_00337_33457_9473.N1	24-JUL-2008 10:34:36	Bright	39.500	114	3lot Aur	2.6930	4600.0	79	33457	No
120	GOM_NL__2PRFIN20080724_103957_000000512070_00337_33457_9474.N1	24-JUL-2008 10:39:57	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	33457	No
121	GOM_NL__2PRFIN20080724_104202_000000362070_00337_33457_9475.N1	24-JUL-2008 10:42:02	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	33457	No
122	GOM_NL__2PRFIN20080724_104357_000000352070_00337_33457_9476.N1	24-JUL-2008 10:43:57	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	33457	No
123	GOM_NL__2PRFIN20080724_104616_000000472070_00337_33457_9477.N1	24-JUL-2008 10:46:16	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	33457	No
124	GOM_NL__2PRFIN20080724_104834_000000372070_00337_33457_9478.N1	24-JUL-2008 10:48:34	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	33457	No
125	GOM_NL__2PRFIN20080724_105922_000000432070_00337_33457_9479.N1	24-JUL-2008 10:59:22	Dark	43.000	157	The1Eri	2.9060	9300.0	86	33457	No
126	GOM_NL__2PRFIN20080724_110516_000000422070_00338_33458_9472.N1	24-JUL-2008 11:05:16	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33458	No
127	GOM_NL__2PRFIN20080724_110759_000000372070_00338_33458_9473.N1	24-JUL-2008 11:07:59	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33458	No
128	GOM_NL__2PRFIN20080724_111230_000000422070_00338_33458_9474.N1	24-JUL-2008 11:12:30	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33458	No
129	GOM_NL__2PRFIN20080724_111540_000000282070_00338_33458_9475.N1	24-JUL-2008 11:15:40	Straylight	28.000	31	Alp Gru	1.7340	15200.	56	33458	No
130	GOM_NL__2PRFIN20080724_112434_000000432070_00338_33458_9476.N1	24-JUL-2008 11:24:34	Bright	43.000	103	38Zet Sgr	2.6000	9700.0	86	33458	No
131	GOM_NL__2PRFIN20080724_112659_000000362070_00338_33458_9477.N1	24-JUL-2008 11:26:59	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	33458	No
132	GOM_NL__2PRFIN20080724_113704_000000362070_00338_33458_9478.N1	24-JUL-2008 11:37:04	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33458	No
133	GOM_NL__2PRFIN20080724_114408_000000372070_00338_33458_9479.N1	24-JUL-2008 11:44:08	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	33458	No
134	GOM_NL__2PRFIN20080724_114643_000000392070_00338_33458_9480.N1	24-JUL-2008 11:46:43	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	33458	No
135	GOM_NL__2PRFIN20080724_114809_000000372070_00338_33458_9481.N1	24-JUL-2008 11:48:09	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33458	No
136	GOM_NL__2PRFIN20080724_115842_000000362070_00338_33458_9482.N1	24-JUL-2008 11:58:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33458	No
137	GOM_NL__2PRFIN20080724_121117_000000402070_00338_33458_9483.N1	24-JUL-2008 12:11:17	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	33458	No
138	GOM_NL__2PRFIN20080724_121512_000000412070_00338_33458_9484.N1	24-JUL-2008 12:15:12	Bright	41.000	114	3lot Aur	2.6930	4600.0	82	33458	No
139	GOM_NL__2PRFIN20080724_122033_000000502070_00338_33458_9485.N1	24-JUL-2008 12:20:33	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	33458	No
140	GOM_NL__2PRFIN20080724_122238_000000392070_00338_33458_9486.N1	24-JUL-2008 12:22:38	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	33458	No
141	GOM_NL__2PRFIN20080724_122434_000000422070_00338_33458_9487.N1	24-JUL-2008 12:24:34	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	33458	No
142	GOM_NL__2PRFIN20080724_122652_000000462070_00338_33458_9488.N1	24-JUL-2008 12:26:52	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	33458	No
143	GOM_NL__2PRFIN20080724_122910_000000372070_00338_33458_9489.N1	24-JUL-2008 12:29:10	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	33458	No
144	GOM_NL__2PRFIN20080724_123958_000000422070_00338_33458_9490.N1	24-JUL-2008 12:39:58	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33458	No
145	GOM_NL__2PRFIN20080724_124552_000000422070_00339_33459_9492.N1	24-JUL-2008 12:45:52	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33459	No
146	GOM_NL__2PRFIN20080724_124835_000000352070_00339_33459_9493.N1	24-JUL-2008 12:48:35	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	33459	No
147	GOM_NL__2PRFIN20080724_125306_000000452070_00339_33459_9494.N1	24-JUL-2008 12:53:06	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	33459	No
148	GOM_NL__2PRFIN20080724_125617_000000282070_00339_33459_9495.N1	24-JUL-2008 12:56:17	Straylight	28.000	31	Alp Gru	1.7340	15200.	56	33459	No
149	GOM_NL__2PRFIN20080724_130510_000000392070_00339_33459_9496.N1	24-JUL-2008 13:05:10	Bright	38.500	103	38Zet Sgr	2.6000	9700.0	77	33459	No
150	GOM_NL__2PRFIN20080724_130735_000000372070_00339_33459_9497.N1	24-JUL-2008 13:07:35	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33459	No
151	GOM_NL__2PRFIN20080724_131740_000000352070_00339_33459_9498.N1	24-JUL-2008 13:17:40	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	33459	No
152	GOM_NL__2PRFIN20080724_132444_000000402070_00339_33459_9499.N1	24-JUL-2008 13:24:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	33459	No
153	GOM_NL__2PRFIN20080724_132719_000000392070_00339_33459_9500.N1	24-JUL-2008 13:27:19	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	33459	No
154	GOM_NL__2PRFIN20080724_132845_000000372070_00339_33459_9501.N1	24-JUL-2008 13:28:45	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33459	No
155	GOM_NL__2PRFIN20080724_133918_000000362070_00339_33459_9502.N1	24-JUL-2008 13:39:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33459	No
156	GOM_NL__2PRFIN20080724_135153_000000382070_00339_33459_9503.N1	24-JUL-2008 13:51:53	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	33459	No
157	GOM_NL__2PRFIN20080724_135548_000000402070_00339_33459_9504.N1	24-JUL-2008 13:55:48	Bright	40.000	114	3lot Aur	2.6930	4600.0	80	33459	No
158	GOM_NL__2PRFIN20080724_140109_000000532070_00339_33459_9505.N1	24-JUL-2008 14:01:09	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	33459	No
159	GOM_NL__2PRFIN20080724_140314_000000422070_00339_33459_9506.N1	24-JUL-2008 14:03:14	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	33459	No
160	GOM_NL__2PRFIN20080724_140510_000000412070_00339_33459_9507.N1	24-JUL-2008 14:05:10	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33459	No



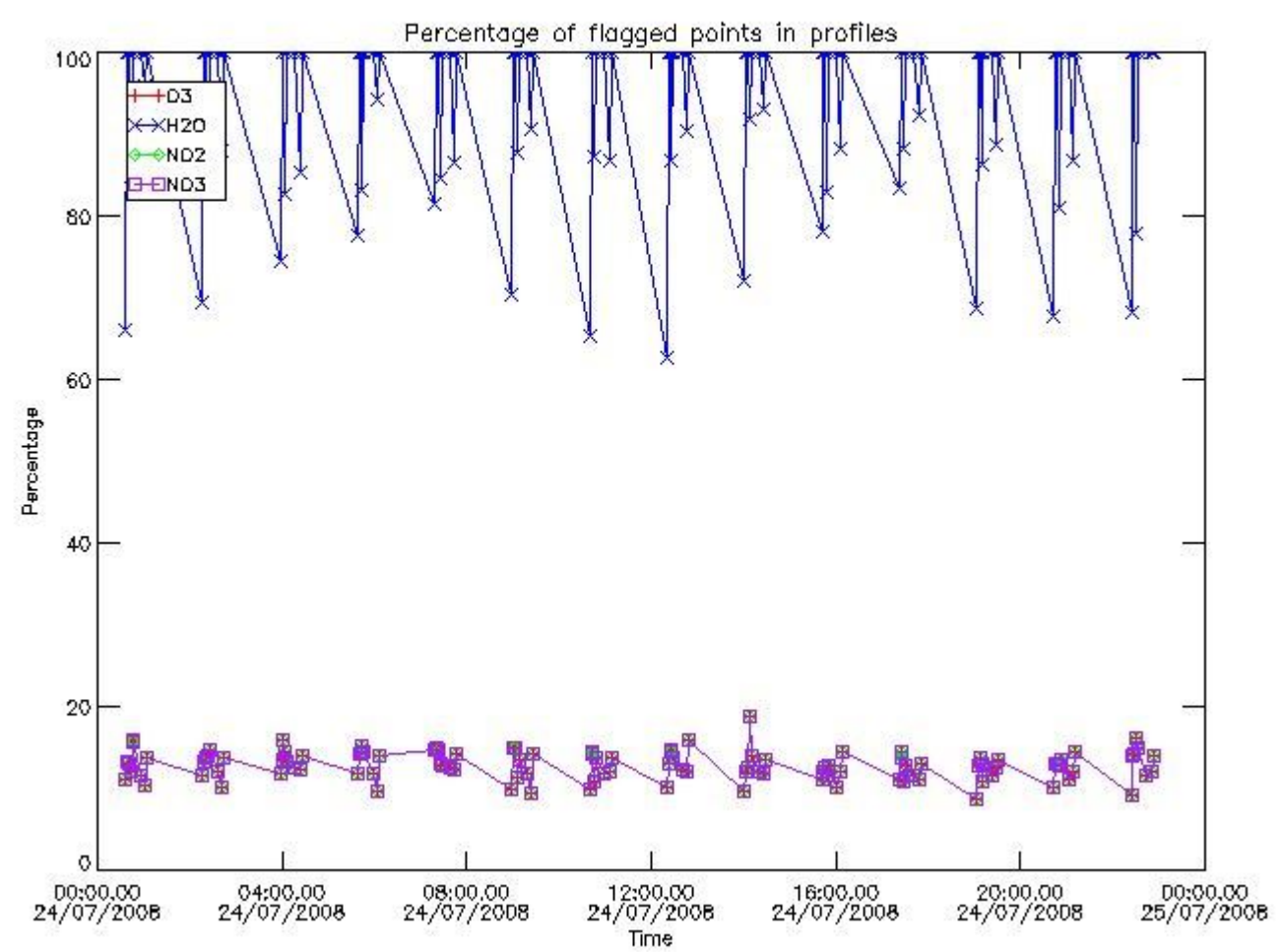
161	GOM_NL__2PRFIN20080724_140729_000000432070_00339_33459_9508.N1	24-JUL-2008 14:07:29	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	33459	No
162	GOM_NL__2PRFIN20080724_140947_000000402070_00339_33459_9509.N1	24-JUL-2008 14:09:47	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33459	No
163	GOM_NL__2PRFIN20080724_142035_000000432070_00339_33459_9510.N1	24-JUL-2008 14:20:35	Dark	42.500	157	The1Eri	2.9060	9300.0	85	33459	No
164	GOM_NL__2PRFIN20080724_142629_000000432070_00340_33460_9505.N1	24-JUL-2008 14:26:29	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33460	No
165	GOM_NL__2PRFIN20080724_142911_000000382070_00340_33460_9506.N1	24-JUL-2008 14:29:11	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33460	No
166	GOM_NL__2PRFIN20080724_143343_000000412070_00340_33460_9507.N1	24-JUL-2008 14:33:43	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33460	No
167	GOM_NL__2PRFIN20080724_143653_000000312070_00340_33460_9508.N1	24-JUL-2008 14:36:53	Straylight	31.000	31	Alp Gru	1.7340	15200.	62	33460	No
168	GOM_NL__2PRFIN20080724_144547_000000452070_00340_33460_9509.N1	24-JUL-2008 14:45:47	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	33460	No
169	GOM_NL__2PRFIN20080724_144811_000000392070_00340_33460_9510.N1	24-JUL-2008 14:48:11	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	33460	No
170	GOM_NL__2PRFIN20080724_145816_000000362070_00340_33460_9511.N1	24-JUL-2008 14:58:16	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33460	No
171	GOM_NL__2PRFIN20080724_150520_000000342070_00340_33460_9512.N1	24-JUL-2008 15:05:20	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33460	No
172	GOM_NL__2PRFIN20080724_150754_000000402070_00340_33460_9513.N1	24-JUL-2008 15:07:54	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	33460	No
173	GOM_NL__2PRFIN20080724_151954_000000352070_00340_33460_9514.N1	24-JUL-2008 15:19:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33460	No
174	GOM_NL__2PRFIN20080724_153229_000000402070_00340_33460_9515.N1	24-JUL-2008 15:32:29	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	33460	No
175	GOM_NL__2PRFIN20080724_153624_000000422070_00340_33460_9516.N1	24-JUL-2008 15:36:24	Bright	42.000	114	3Iot Aur	2.6930	4600.0	84	33460	No
176	GOM_NL__2PRFIN20080724_154146_000000552070_00340_33460_9517.N1	24-JUL-2008 15:41:46	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	33460	No
177	GOM_NL__2PRFIN20080724_154350_000000422070_00340_33460_9518.N1	24-JUL-2008 15:43:50	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	33460	No
178	GOM_NL__2PRFIN20080724_154546_000000412070_00340_33460_9519.N1	24-JUL-2008 15:45:46	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33460	No
179	GOM_NL__2PRFIN20080724_154805_000000442070_00340_33460_9520.N1	24-JUL-2008 15:48:05	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	33460	No
180	GOM_NL__2PRFIN20080724_155023_000000402070_00340_33460_9521.N1	24-JUL-2008 15:50:23	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33460	No
181	GOM_NL__2PRFIN20080724_160112_000000502070_00340_33460_9522.N1	24-JUL-2008 16:01:12	Dark	50.000	157	The1Eri	2.9060	9300.0	100	33460	No
182	GOM_NL__2PRFIN20080724_160706_000000432070_00341_33461_9515.N1	24-JUL-2008 16:07:06	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33461	No
183	GOM_NL__2PRFIN20080724_160947_000000362070_00341_33461_9516.N1	24-JUL-2008 16:09:47	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33461	No
184	GOM_NL__2PRFIN20080724_161419_000000412070_00341_33461_9517.N1	24-JUL-2008 16:14:19	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33461	No
185	GOM_NL__2PRFIN20080724_161730_000000312070_00341_33461_9518.N1	24-JUL-2008 16:17:30	Straylight	30.500	31	Alp Gru	1.7340	15200.	61	33461	No
186	GOM_NL__2PRFIN20080724_162623_000000522070_00341_33461_9519.N1	24-JUL-2008 16:26:23	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	33461	No
187	GOM_NL__2PRFIN20080724_162847_000000382070_00341_33461_9520.N1	24-JUL-2008 16:28:47	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33461	No
188	GOM_NL__2PRFIN20080724_163852_000000362070_00341_33461_9521.N1	24-JUL-2008 16:38:52	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33461	No
189	GOM_NL__2PRFIN20080724_164556_000000392070_00341_33461_9522.N1	24-JUL-2008 16:45:56	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33461	No
190	GOM_NL__2PRFIN20080724_164830_000000392070_00341_33461_9523.N1	24-JUL-2008 16:48:30	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	33461	No
191	GOM_NL__2PRFIN20080724_170030_000000372070_00341_33461_9524.N1	24-JUL-2008 17:00:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33461	No
192	GOM_NL__2PRFIN20080724_171305_000000412070_00341_33461_9525.N1	24-JUL-2008 17:13:05	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33461	No
193	GOM_NL__2PRFIN20080724_171701_000000392070_00341_33461_9526.N1	24-JUL-2008 17:17:01	Bright	39.000	114	3Iot Aur	2.6930	4600.0	78	33461	No
194	GOM_NL__2PRFIN20080724_172222_000000462070_00341_33461_9527.N1	24-JUL-2008 17:22:22	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	33461	No
195	GOM_NL__2PRFIN20080724_172427_000000392070_00341_33461_9528.N1	24-JUL-2008 17:24:27	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	33461	No
196	GOM_NL__2PRFIN20080724_172622_000000412070_00341_33461_9529.N1	24-JUL-2008 17:26:22	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33461	No
197	GOM_NL__2PRFIN20080724_172841_000000472070_00341_33461_9530.N1	24-JUL-2008 17:28:41	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	33461	No
198	GOM_NL__2PRFIN20080724_173059_000000402070_00341_33461_9531.N1	24-JUL-2008 17:30:59	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33461	No
199	GOM_NL__2PRFIN20080724_174149_000000442070_00341_33461_9532.N1	24-JUL-2008 17:41:49	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33461	No
200	GOM_NL__2PRFIN20080724_174742_000000462070_00342_33462_9528.N1	24-JUL-2008 17:47:42	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33462	No
201	GOM_NL__2PRFIN20080724_175024_000000402070_00342_33462_9529.N1	24-JUL-2008 17:50:24	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	33462	No
202	GOM_NL__2PRFIN20080724_175456_000000432070_00342_33462_9530.N1	24-JUL-2008 17:54:56	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33462	No
203	GOM_NL__2PRFIN20080724_175806_000000342070_00342_33462_9531.N1	24-JUL-2008 17:58:06	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	33462	No
204	GOM_NL__2PRFIN20080724_180659_000000452070_00342_33462_9532.N1	24-JUL-2008 18:06:59	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	33462	No
205	GOM_NL__2PRFIN20080724_180923_000000382070_00342_33462_9533.N1	24-JUL-2008 18:09:23	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33462	No
206	GOM_NL__2PRFIN20080724_181928_000000362070_00342_33462_9534.N1	24-JUL-2008 18:19:28	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33462	No
207	GOM_NL__2PRFIN20080724_182632_000000412070_00342_33462_9535.N1	24-JUL-2008 18:26:32	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	33462	No
208	GOM_NL__2PRFIN20080724_182905_000000522070_00342_33462_9536.N1	24-JUL-2008 18:29:05	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	33462	No
209	GOM_NL__2PRFIN20080724_184106_000000352070_00342_33462_9537.N1	24-JUL-2008 18:41:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33462	No
210	GOM_NL__2PRFIN20080724_185341_000000412070_00342_33462_9538.N1	24-JUL-2008 18:53:41	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33462	No
211	GOM_NL__2PRFIN20080724_185737_000000422070_00342_33462_9539.N1	24-JUL-2008 18:57:37	Bright	42.000	114	3Iot Aur	2.6930	4600.0	84	33462	No
212	GOM_NL__2PRFIN20080724_190258_000000582070_00342_33462_9540.N1	24-JUL-2008 19:02:58	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	33462	No
213	GOM_NL__2PRFIN20080724_190503_000000402070_00342_33462_9541.N1	24-JUL-2008 19:05:03	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	33462	No
214	GOM_NL__2PRFIN20080724_190658_000000412070_00342_33462_9542.N1	24-JUL-2008 19:06:58	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	33462	No
215	GOM_NL__2PRFIN20080724_190918_000000482070_00342_33462_9543.N1	24-JUL-2008 19:09:18	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	33462	No
216	GOM_NL__2PRFIN20080724_191135_000000392070_00342_33462_9544.N1	24-JUL-2008 19:11:35	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	33462	No
217	GOM_NL__2PRFIN20080724_192226_000000442070_00342_33462_9545.N1	24-JUL-2008 19:22:26	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33462	No
218	GOM_NL__2PRFIN20080724_192819_000000412070_00343_33463_9541.N1	24-JUL-2008 19:28:19	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33463	No
219	GOM_NL__2PRFIN20080724_193100_000000382070_00343_33463_9542.N1	24-JUL-2008 19:31:00	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33463	No

220	GOM_NL__2PRFIN20080724_193532_000000392070_00343_33463_9543.N1	24-JUL-2008 19:35:32	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33463	No
221	GOM_NL__2PRFIN20080724_193843_000000342070_00343_33463_9544.N1	24-JUL-2008 19:38:43	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	33463	No
222	GOM_NL__2PRFIN20080724_194735_000000412070_00343_33463_9545.N1	24-JUL-2008 19:47:35	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	33463	No
223	GOM_NL__2PRFIN20080724_194959_000000372070_00343_33463_9546.N1	24-JUL-2008 19:49:59	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33463	No
224	GOM_NL__2PRFIN20080724_200004_000000362070_00343_33463_9547.N1	24-JUL-2008 20:00:04	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33463	No
225	GOM_NL__2PRFIN20080724_200707_000000372070_00343_33463_9548.N1	24-JUL-2008 20:07:07	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	33463	No
226	GOM_NL__2PRFIN20080724_200941_000000392070_00343_33463_9549.N1	24-JUL-2008 20:09:41	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	33463	No
227	GOM_NL__2PRFIN20080724_202142_000000372070_00343_33463_9550.N1	24-JUL-2008 20:21:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33463	No
228	GOM_NL__2PRFIN20080724_203417_000000392070_00343_33463_9551.N1	24-JUL-2008 20:34:17	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	33463	No
229	GOM_NL__2PRFIN20080724_203813_000000422070_00343_33463_9552.N1	24-JUL-2008 20:38:13	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	33463	No
230	GOM_NL__2PRFIN20080724_204334_000000502070_00343_33463_9553.N1	24-JUL-2008 20:43:34	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	33463	No
231	GOM_NL__2PRFIN20080724_204539_000000402070_00343_33463_9554.N1	24-JUL-2008 20:45:39	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	33463	No
232	GOM_NL__2PRFIN20080724_204735_000000392070_00343_33463_9555.N1	24-JUL-2008 20:47:35	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	33463	No
233	GOM_NL__2PRFIN20080724_204954_000000402070_00343_33463_9556.N1	24-JUL-2008 20:49:54	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	33463	No
234	GOM_NL__2PRFIN20080724_205212_000000382070_00343_33463_9557.N1	24-JUL-2008 20:52:12	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	33463	No
235	GOM_NL__2PRFIN20080724_210302_000000462070_00343_33463_9558.N1	24-JUL-2008 21:03:02	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33463	No
236	GOM_NL__2PRFIN20080724_210856_000000422070_00344_33464_9562.N1	24-JUL-2008 21:08:56	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33464	No
237	GOM_NL__2PRFIN20080724_211136_000000362070_00344_33464_9563.N1	24-JUL-2008 21:11:36	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33464	No
238	GOM_NL__2PRFIN20080724_211609_000000472070_00344_33464_9564.N1	24-JUL-2008 21:16:09	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	33464	No
239	GOM_NL__2PRFIN20080724_211919_000000372070_00344_33464_9565.N1	24-JUL-2008 21:19:19	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	33464	No
240	GOM_NL__2PRFIN20080724_212811_000000442070_00344_33464_9566.N1	24-JUL-2008 21:28:11	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	33464	No
241	GOM_NL__2PRFIN20080724_213035_000000382070_00344_33464_9567.N1	24-JUL-2008 21:30:35	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	33464	No
242	GOM_NL__2PRFIN20080724_214039_000000362070_00344_33464_9568.N1	24-JUL-2008 21:40:39	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33464	No
243	GOM_NL__2PRFIN20080724_214743_000000342070_00344_33464_9569.N1	24-JUL-2008 21:47:43	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	33464	No
244	GOM_NL__2PRFIN20080724_215017_000000402070_00344_33464_9570.N1	24-JUL-2008 21:50:17	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	33464	No
245	GOM_NL__2PRFIN20080724_215145_000000372070_00344_33464_9571.N1	24-JUL-2008 21:51:45	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33464	No
246	GOM_NL__2PRFIN20080724_220217_000000362070_00344_33464_9572.N1	24-JUL-2008 22:02:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33464	No
247	GOM_NL__2PRFIN20080724_221453_000000392070_00344_33464_9573.N1	24-JUL-2008 22:14:53	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	33464	No
248	GOM_NL__2PRFIN20080724_221849_000000412070_00344_33464_9574.N1	24-JUL-2008 22:18:49	Bright	41.000	114	3lot Aur	2.6930	4600.0	82	33464	No
249	GOM_NL__2PRFIN20080724_222411_000000562070_00344_33464_9575.N1	24-JUL-2008 22:24:11	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	33464	No
250	GOM_NL__2PRFIN20080724_222615_000000402070_00344_33464_9576.N1	24-JUL-2008 22:26:15	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	33464	No
251	GOM_NL__2PRFIN20080724_222811_000000402070_00344_33464_9577.N1	24-JUL-2008 22:28:11	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	33464	No
252	GOM_NL__2PRFIN20080724_223030_000000412070_00344_33464_9578.N1	24-JUL-2008 22:30:30	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	33464	No
253	GOM_NL__2PRFIN20080724_223248_000000372070_00344_33464_9579.N1	24-JUL-2008 22:32:48	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	33464	No
254	GOM_NL__2PRFIN20080724_224339_000000442070_00344_33464_9580.N1	24-JUL-2008 22:43:39	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33464	No
255	GOM_NL__2PRFIN20080724_224932_000000432070_00345_33465_9575.N1	24-JUL-2008 22:49:32	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33465	No
256	GOM_NL__2PRFIN20080724_225212_000000372070_00345_33465_9576.N1	24-JUL-2008 22:52:12	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33465	No
257	GOM_NL__2PRFIN20080724_225645_000000412070_00345_33465_9577.N1	24-JUL-2008 22:56:45	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33465	No
258	GOM_NL__2PRFIN20080724_225956_000000372070_00345_33465_9578.N1	24-JUL-2008 22:59:56	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	33465	No
259	GOM_NL__2PRFIN20080724_230847_000000422070_00345_33465_9579.N1	24-JUL-2008 23:08:47	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	33465	No
260	GOM_NL__2PRFIN20080724_231111_000000372070_00345_33465_9580.N1	24-JUL-2008 23:11:11	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33465	No
261	GOM_NL__2PRFIN20080724_232115_000000362070_00345_33465_9581.N1	24-JUL-2008 23:21:15	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33465	No
262	GOM_NL__2PRFIN20080724_232819_000000372070_00345_33465_9582.N1	24-JUL-2008 23:28:19	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	33465	No
263	GOM_NL__2PRFIN20080724_233052_000000362070_00345_33465_9583.N1	24-JUL-2008 23:30:52	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33465	No
264	GOM_NL__2PRFIN20080724_233221_000000372070_00345_33465_9584.N1	24-JUL-2008 23:32:21	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33465	No
265	GOM_NL__2PRFIN20080724_234253_000000362070_00345_33465_9585.N1	24-JUL-2008 23:42:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33465	No
266	GOM_NL__2PRFIN20080724_235529_000000412070_00345_33465_9586.N1	24-JUL-2008 23:55:29	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33465	No
267	GOM_NL__2PRFIN20080724_235925_000000412070_00345_33465_9587.N1	24-JUL-2008 23:59:25	Bright	40.500	114	3lot Aur	2.6930	4600.0	81	33465	No

### 3. Quality information per product

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

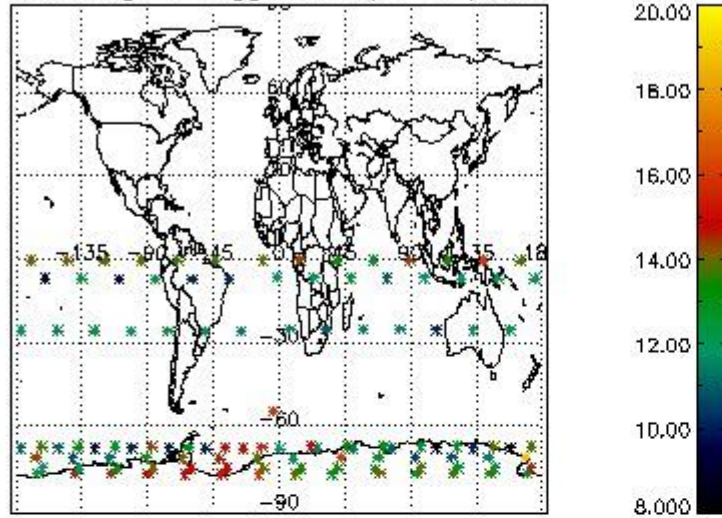
#### 3.1 Plot quality information per product (time dependant)



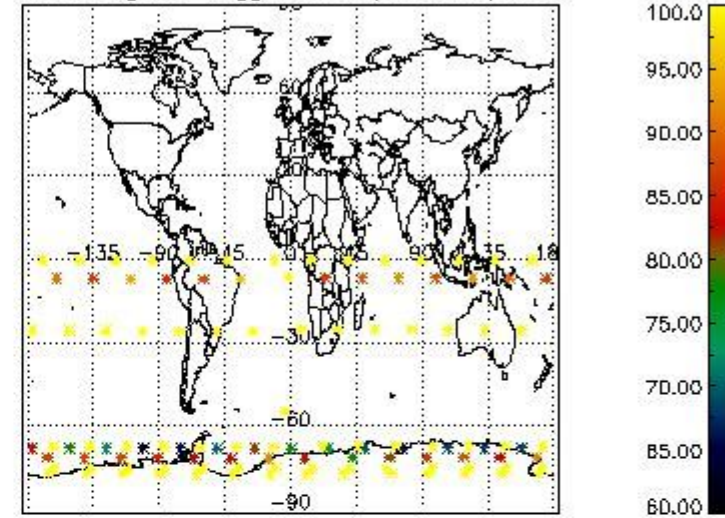
3.2 Plot quality information per product (world map)



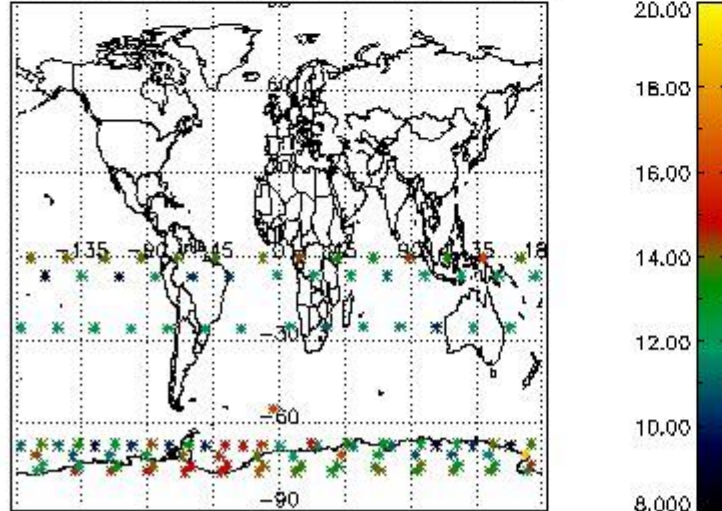
Percentage of flagged data per O3 profile



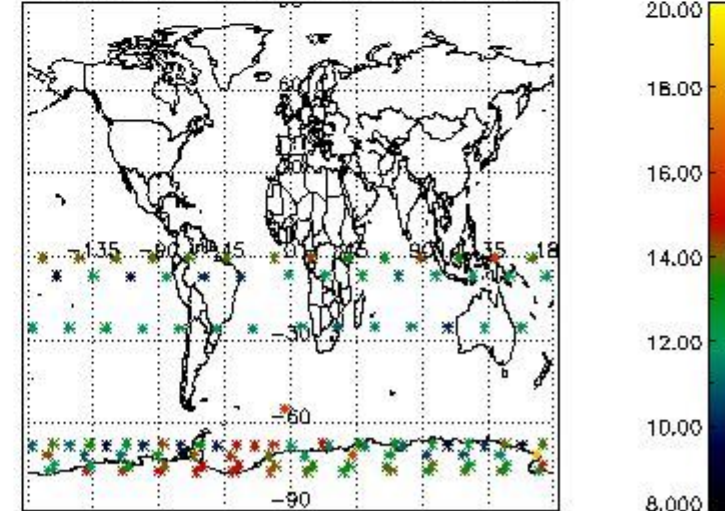
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



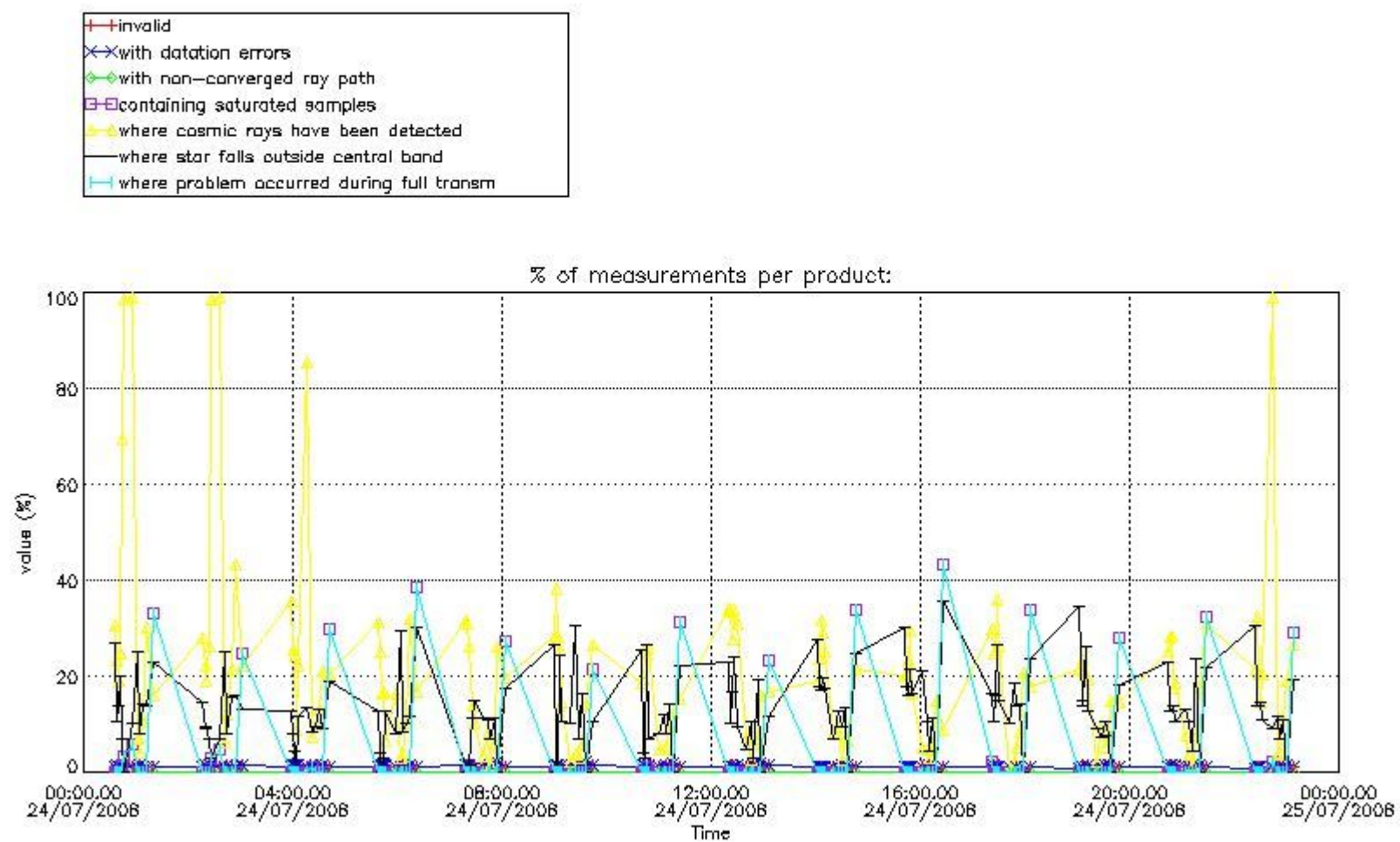
#### 4. Level 1 quality information per product

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

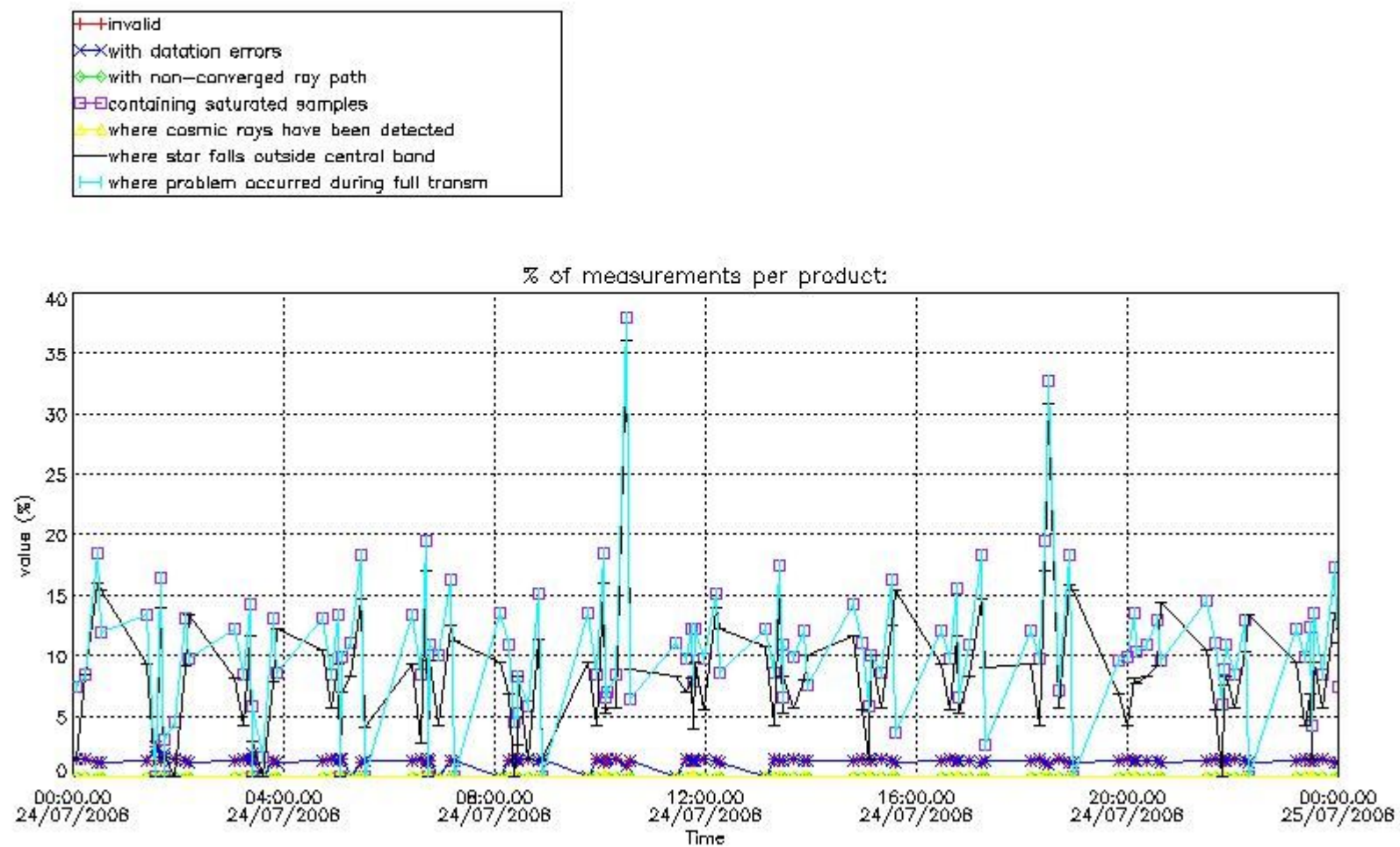
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





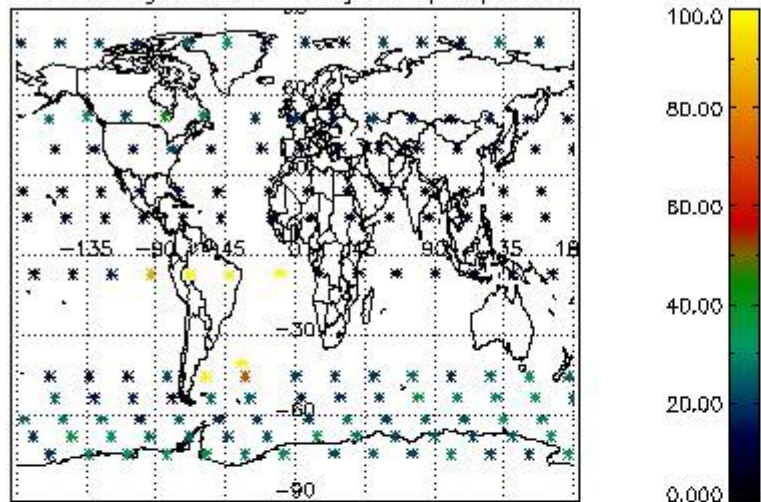
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



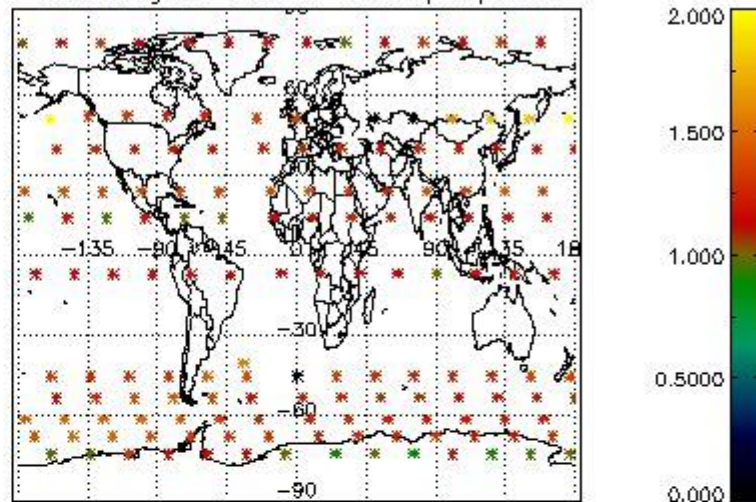
4.2 Plot quality information per product coming from level 1b processing (world map)

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

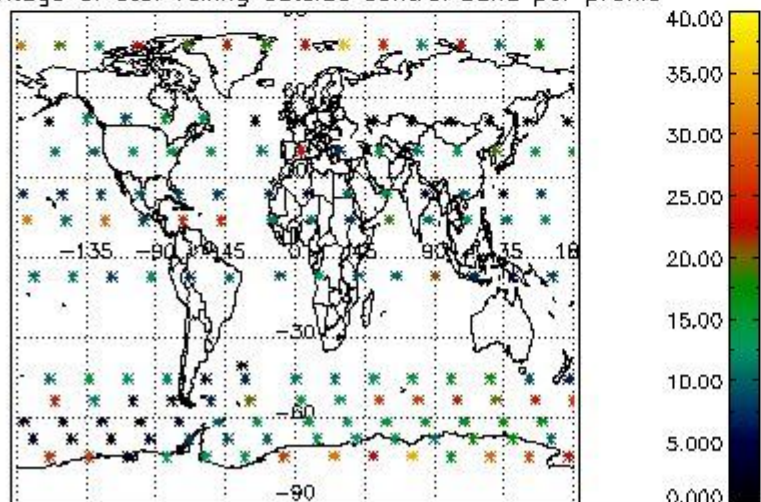
Percentage of cosmic ray hits per profile



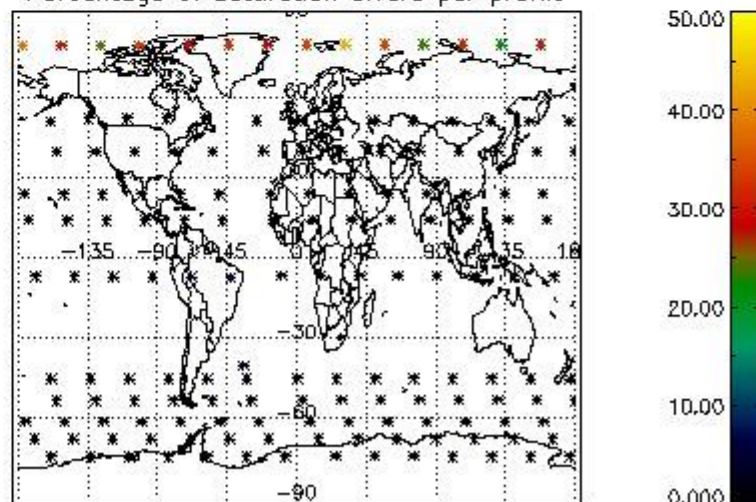
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

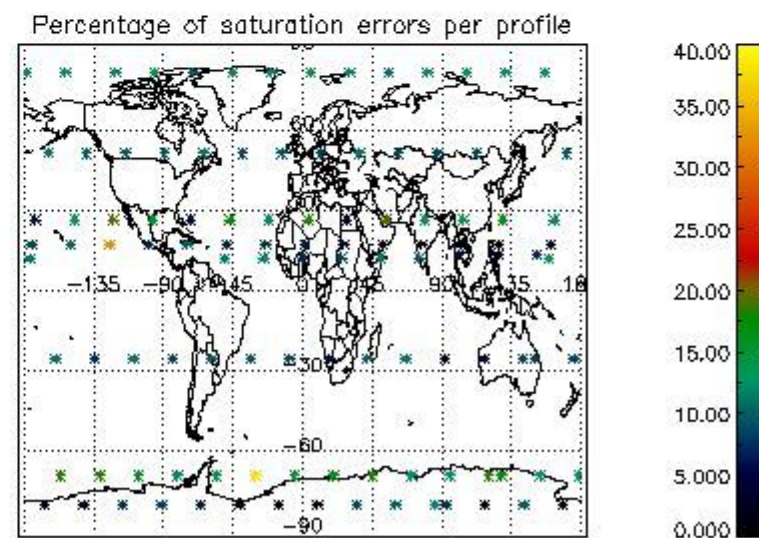
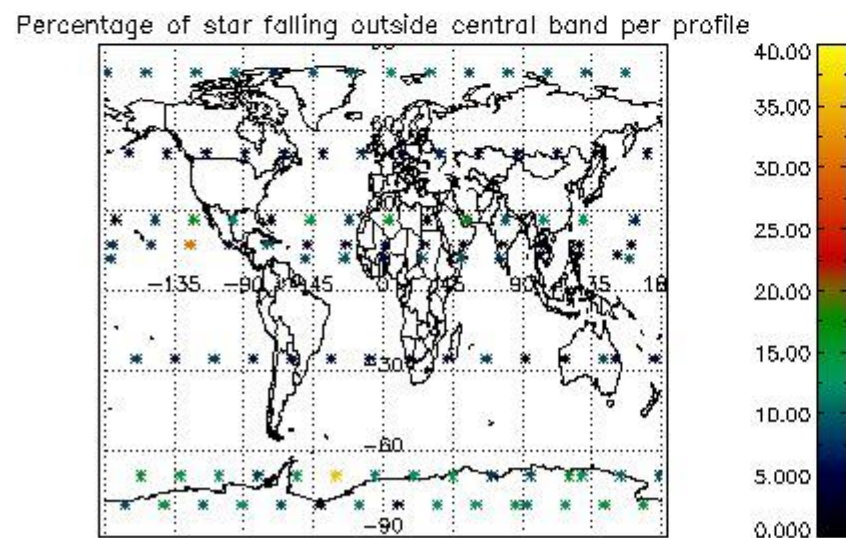
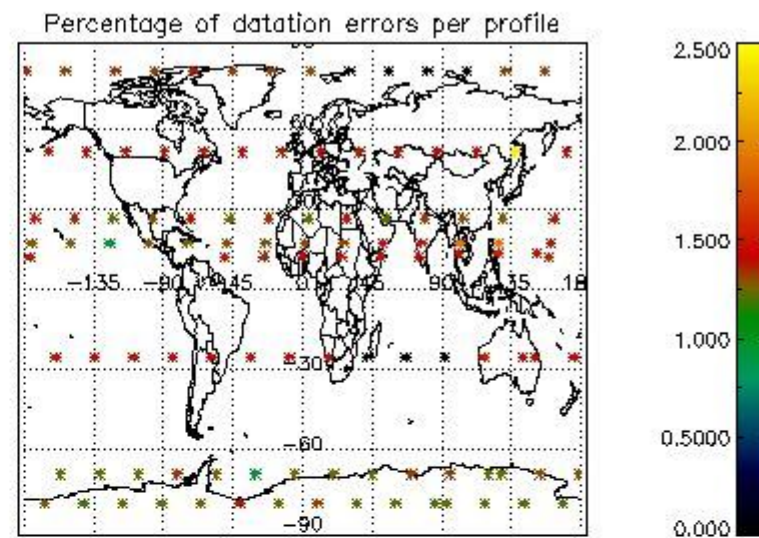
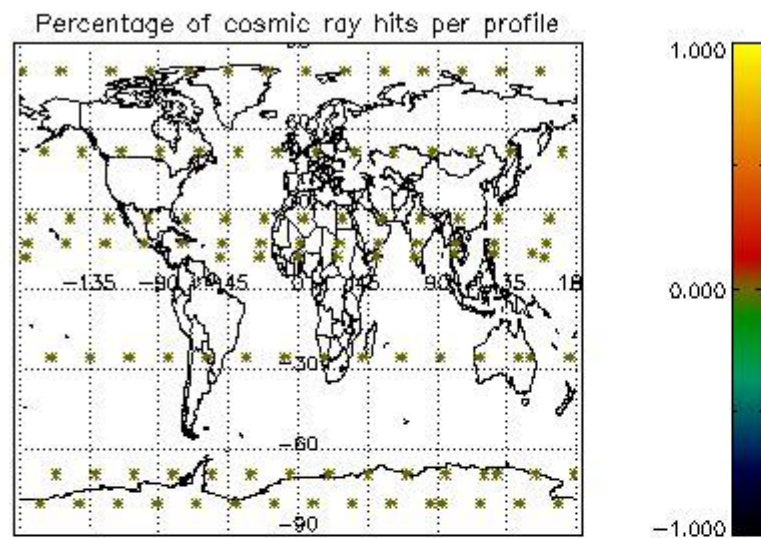


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

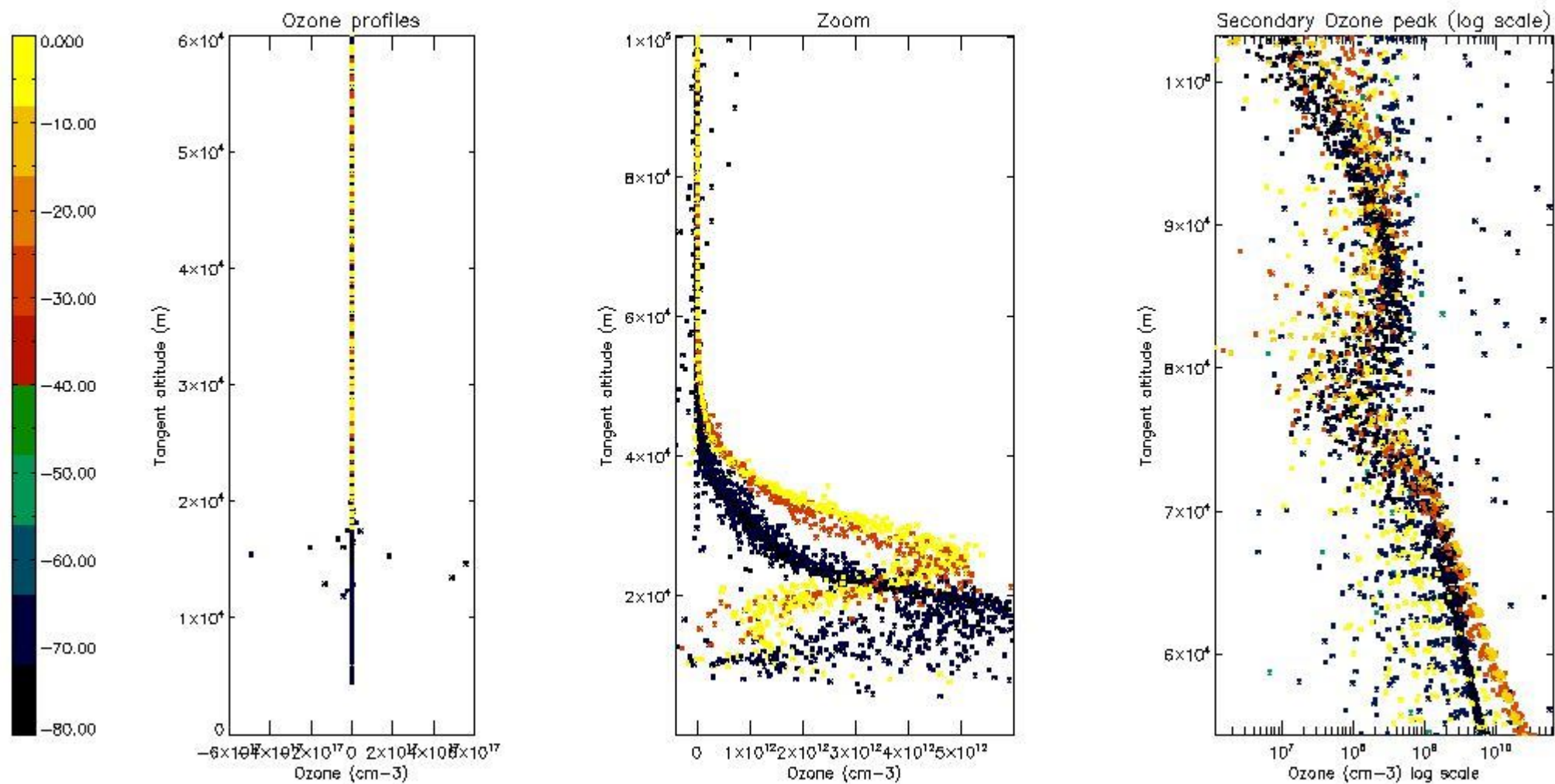
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	24

STD < 10	18
STD < 5	12

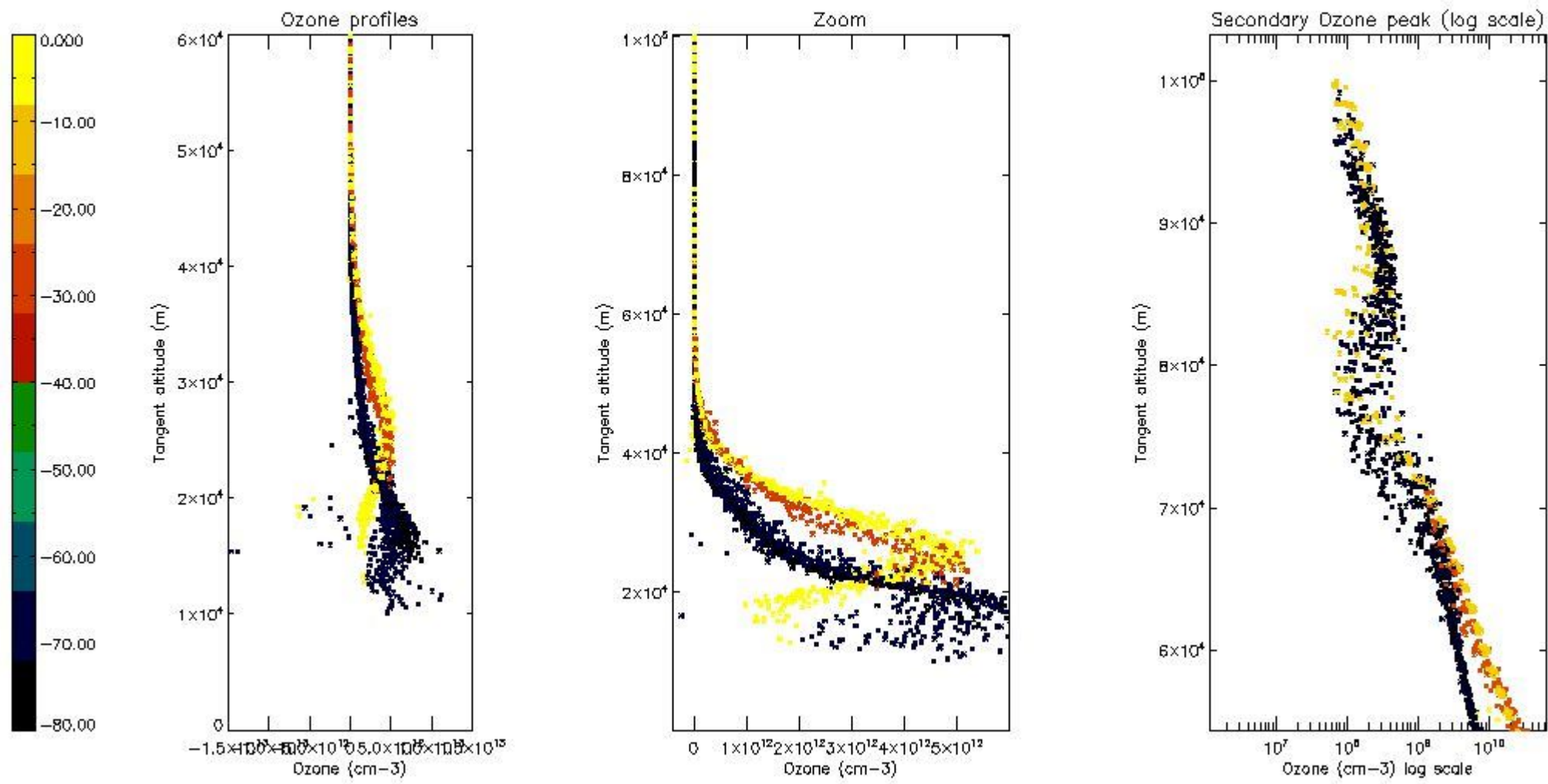
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

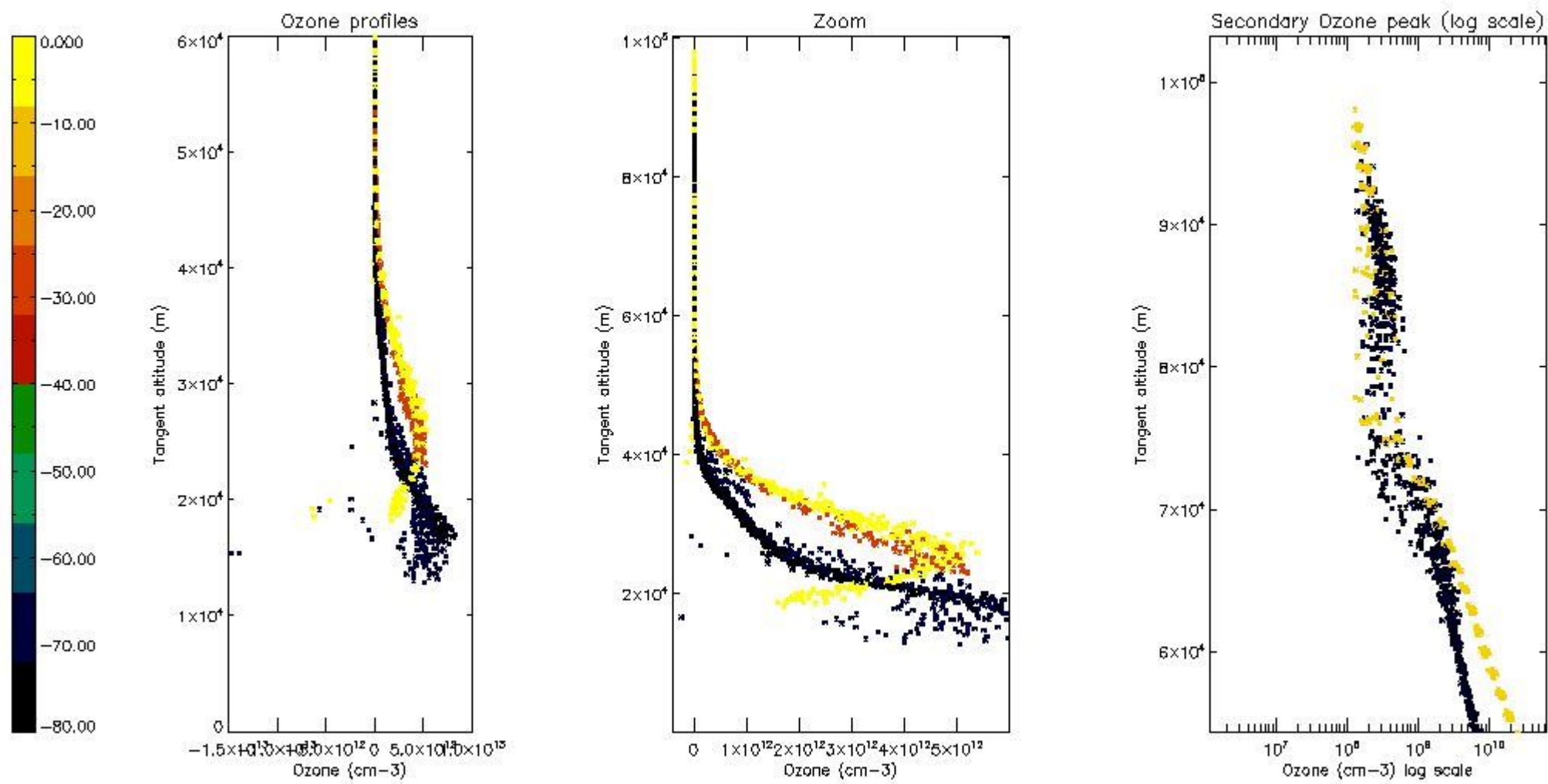
The colorbar represents the latitude.



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

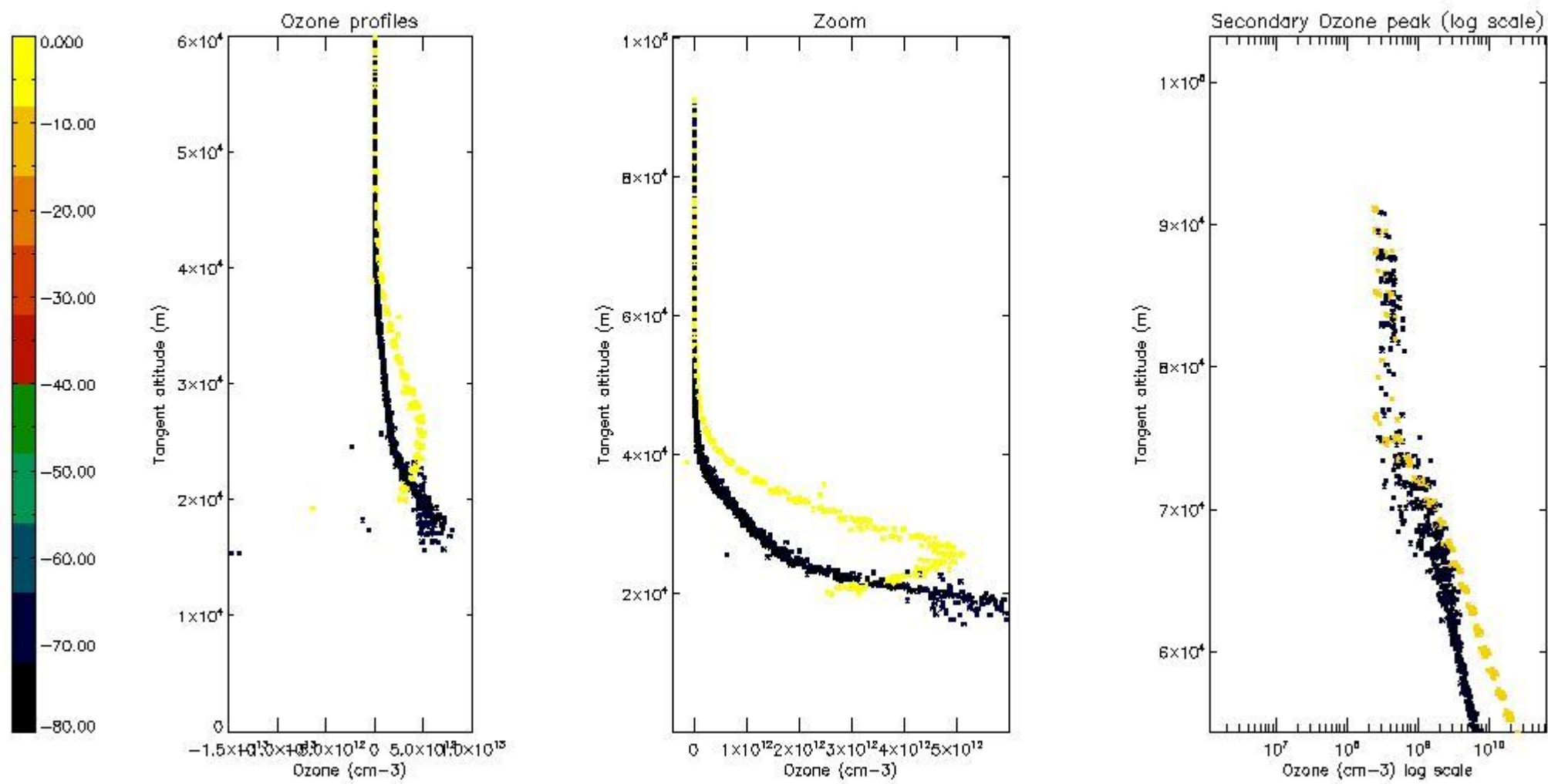
The colorbar represents the latitude.





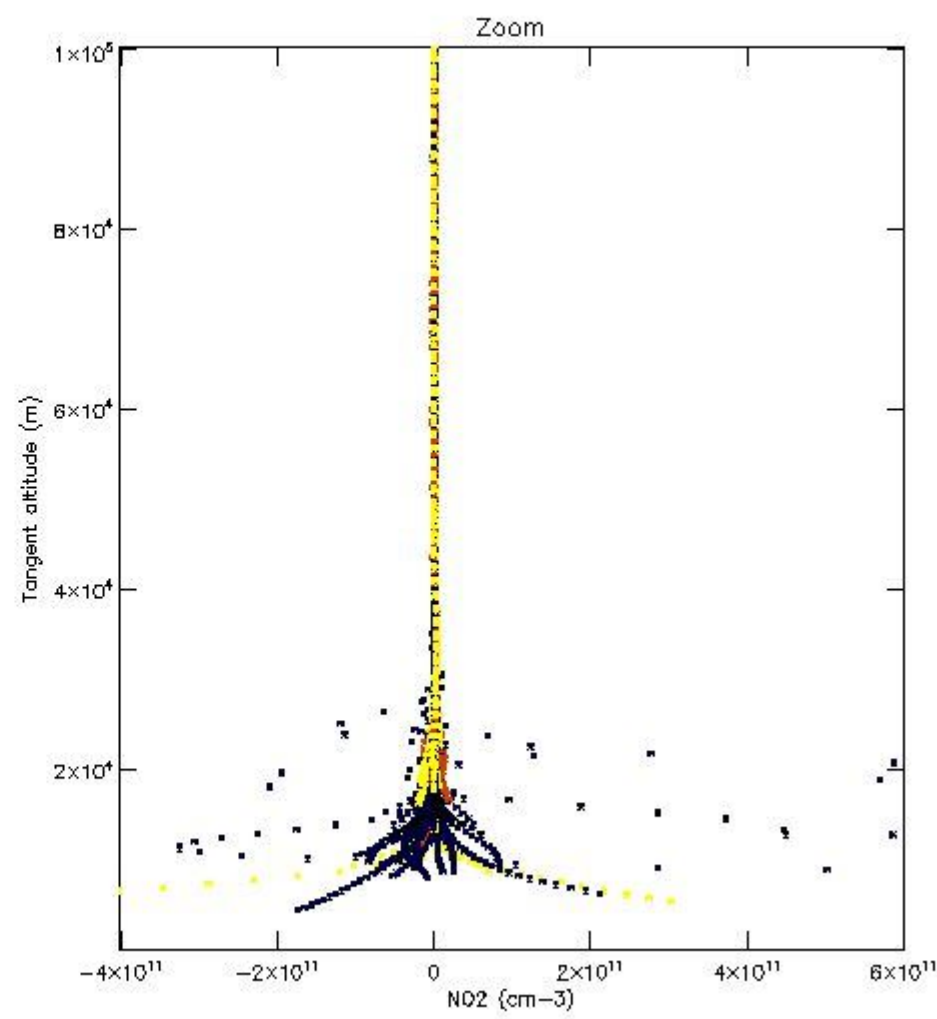
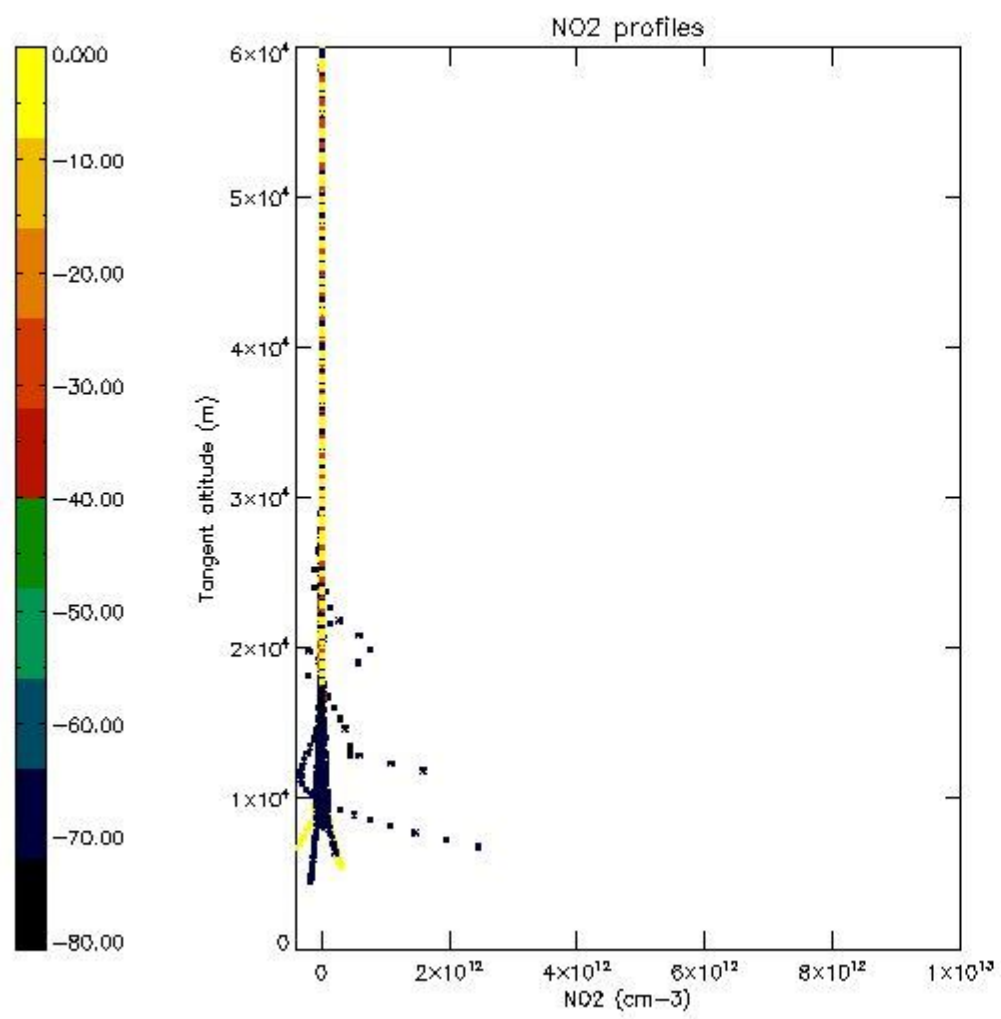
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

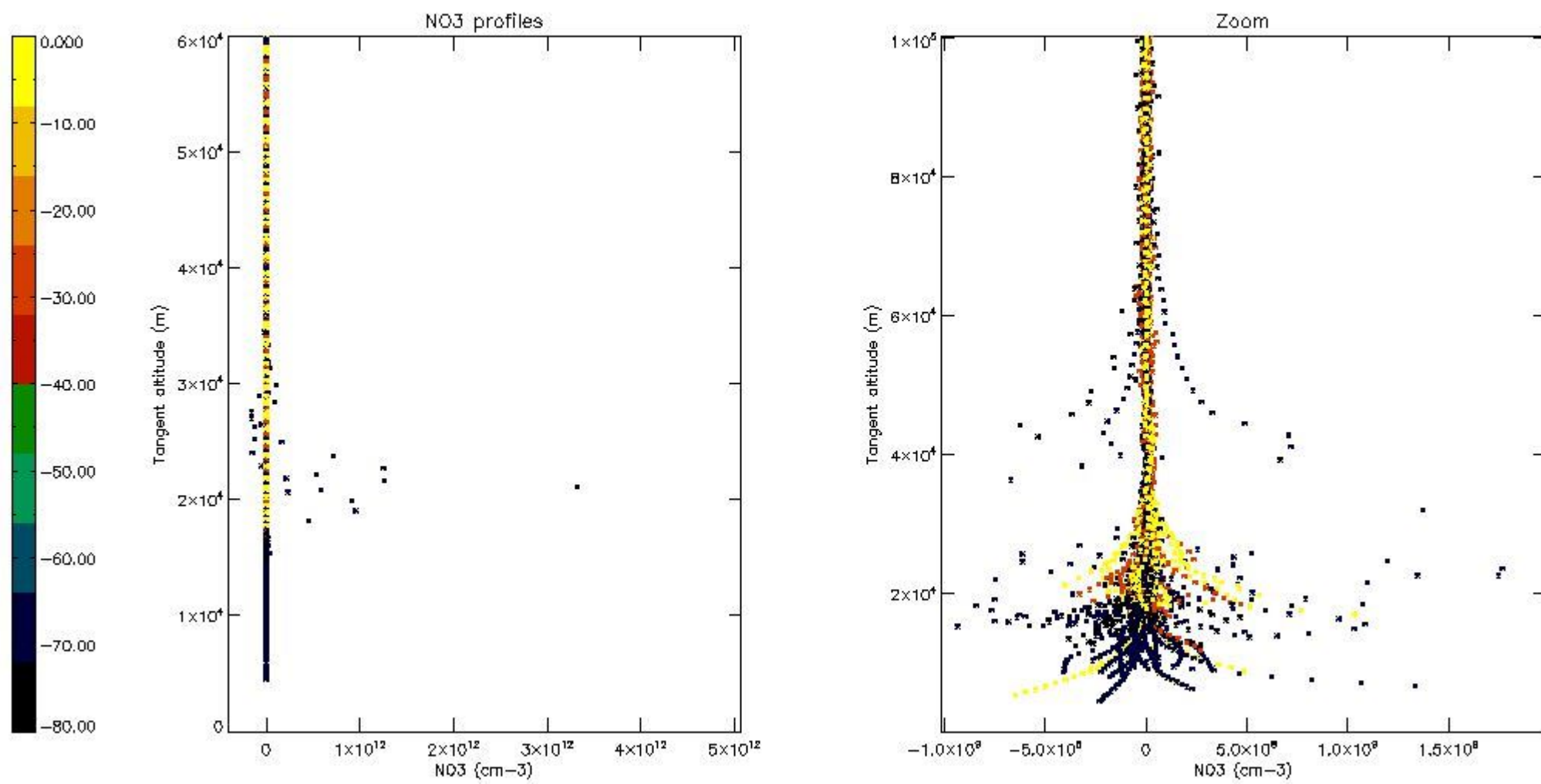
The colorbar represents the latitude.



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

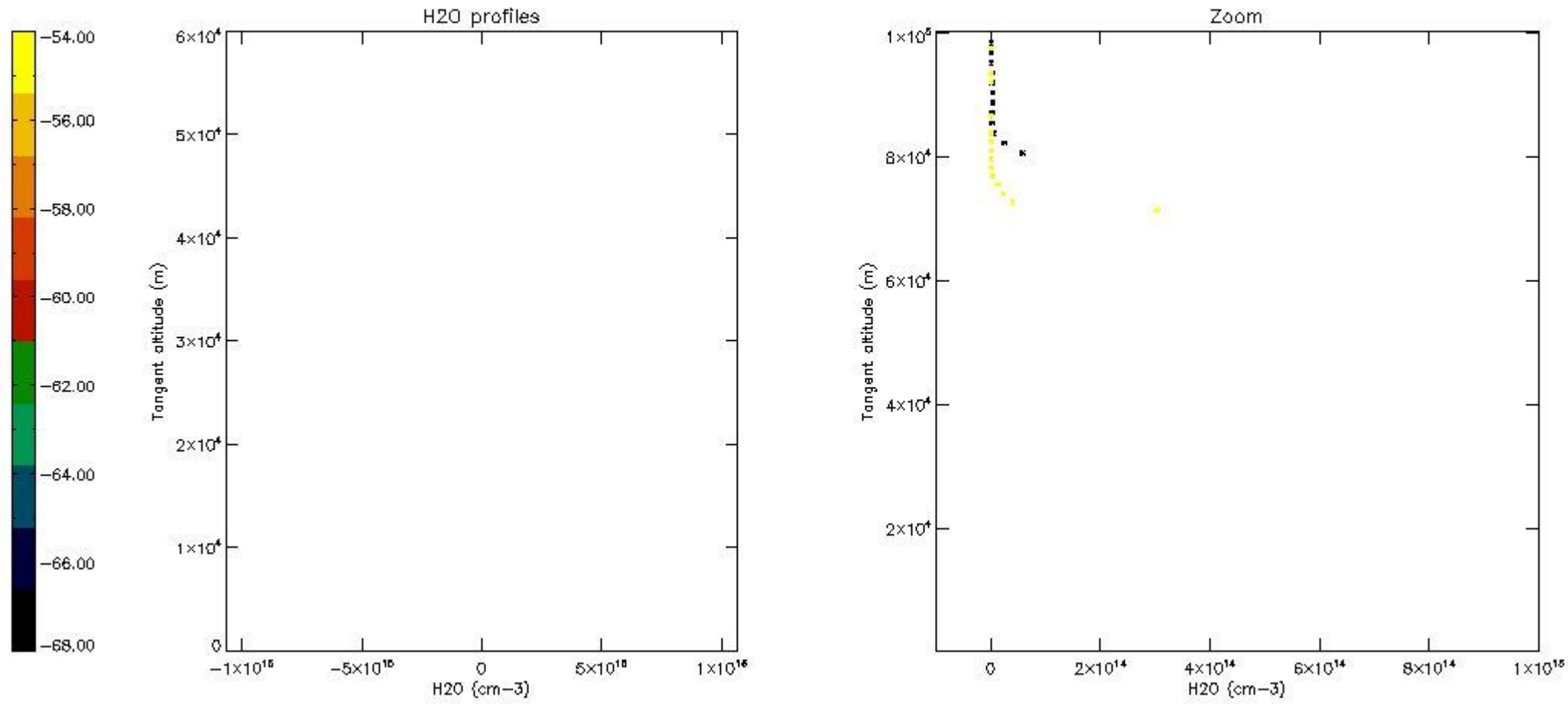
The colorbar represents the latitude.





*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-JUL-2008 00:03:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-JUL-2008 00:03:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-JUL-2008 00:03:33

# GOMOS Level 2 Daily Report

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



This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 17:31:34
Data source version	GOMOS/6.01
Start time of products	24-07-2008 (24JUL2008 00:00:00)
Stop time of products	25-07-2008 (25JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
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__2PRFIN20080724_000333_000000342070_00331_33451_9378.N1	24-JUL-2008 00:03:33	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	33451	No
2	GOM_NL__2PRFIN20080724_001431_000000362070_00331_33451_9379.N1	24-JUL-2008 00:14:31	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33451	No
3	GOM_NL__2PRFIN20080724_002705_000000412070_00331_33451_9380.N1	24-JUL-2008 00:27:05	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33451	No
4	GOM_NL__2PRFIN20080724_003100_000000422070_00331_33451_9381.N1	24-JUL-2008 00:31:00	Bright	42.000	114	3lot Aur	2.6930	4600.0	84	33451	No
5	GOM_NL__2PRFIN20080724_003620_000000512070_00331_33451_9382.N1	24-JUL-2008 00:36:20	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	33451	No
6	GOM_NL__2PRFIN20080724_003825_000000392070_00331_33451_9383.N1	24-JUL-2008 00:38:25	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	33451	No
7	GOM_NL__2PRFIN20080724_004020_000000402070_00331_33451_9384.N1	24-JUL-2008 00:40:20	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	33451	No
8	GOM_NL__2PRFIN20080724_004239_000000432070_00331_33451_9385.N1	24-JUL-2008 00:42:39	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	33451	No
9	GOM_NL__2PRFIN20080724_004457_000000362070_00331_33451_9386.N1	24-JUL-2008 00:44:57	Dark	36.000	101	11Alp Lep	2.5820	7000.0	72	33451	No
10	GOM_NL__2PRFIN20080724_004624_000000322070_00331_33451_9387.N1	24-JUL-2008 00:46:24	Dark	32.000	165	34Gam Eri	2.9500	3200.0	64	33451	No
11	GOM_NL__2PRFIN20080724_005541_000000442070_00331_33451_9388.N1	24-JUL-2008 00:55:41	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33451	No
12	GOM_NL__2PRFIN20080724_010136_000000502070_00332_33452_9384.N1	24-JUL-2008 01:01:36	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33452	No
13	GOM_NL__2PRFIN20080724_010422_000000372070_00332_33452_9385.N1	24-JUL-2008 01:04:22	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33452	No
14	GOM_NL__2PRFIN20080724_010852_000000422070_00332_33452_9386.N1	24-JUL-2008 01:08:52	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33452	No
15	GOM_NL__2PRFIN20080724_011224_000000402070_00332_33452_9387.N1	24-JUL-2008 01:12:24	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33452	No
16	GOM_NL__2PRFIN20080724_012058_000000442070_00332_33452_9388.N1	24-JUL-2008 01:20:58	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	33452	No
17	GOM_NL__2PRFIN20080724_012322_000000382070_00332_33452_9389.N1	24-JUL-2008 01:23:22	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33452	No
18	GOM_NL__2PRFIN20080724_013329_000000212070_00332_33452_9390.N1	24-JUL-2008 01:33:29	Twi_and_stray	20.500	168	17Zet Aql	2.9860	11000.	41	33452	No
19	GOM_NL__2PRFIN20080724_014032_000000402070_00332_33452_9391.N1	24-JUL-2008 01:40:32	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	33452	No
20	GOM_NL__2PRFIN20080724_014309_000000262070_00332_33452_9392.N1	24-JUL-2008 01:43:09	Twi_and_stray	26.000	144	18Del Cyg	2.8600	11000.	52	33452	No
21	GOM_NL__2PRFIN20080724_014409_000000332070_00332_33452_9393.N1	24-JUL-2008 01:44:09	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	33452	No
22	GOM_NL__2PRFIN20080724_015506_000000342070_00332_33452_9394.N1	24-JUL-2008 01:55:06	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33452	No
23	GOM_NL__2PRFIN20080724_020741_000000382070_00332_33452_9395.N1	24-JUL-2008 02:07:41	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	33452	No
24	GOM_NL__2PRFIN20080724_021136_000000412070_00332_33452_9396.N1	24-JUL-2008 02:11:36	Bright	41.000	114	3lot Aur	2.6930	4600.0	82	33452	No
25	GOM_NL__2PRFIN20080724_021656_000000452070_00332_33452_9397.N1	24-JUL-2008 02:16:56	Dark	44.500	13	87Alp Tau	0.86700	3800.0	89	33452	No
26	GOM_NL__2PRFIN20080724_021901_000000392070_00332_33452_9398.N1	24-JUL-2008 02:19:01	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	33452	No
27	GOM_NL__2PRFIN20080724_022057_000000372070_00332_33452_9399.N1	24-JUL-2008 02:20:57	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	33452	No
28	GOM_NL__2PRFIN20080724_022315_000000372070_00332_33452_9400.N1	24-JUL-2008 02:23:15	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	33452	No
29	GOM_NL__2PRFIN20080724_022533_000000352070_00332_33452_9401.N1	24-JUL-2008 02:25:33	Dark	34.500	101	11Alp Lep	2.5820	7000.0	69	33452	No
30	GOM_NL__2PRFIN20080724_023618_000000432070_00332_33452_9402.N1	24-JUL-2008 02:36:18	Dark	42.500	157	The1Eri	2.9060	9300.0	85	33452	No
31	GOM_NL__2PRFIN20080724_024213_000000502070_00333_33453_9395.N1	24-JUL-2008 02:42:13	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33453	No
32	GOM_NL__2PRFIN20080724_024458_000000372070_00333_33453_9396.N1	24-JUL-2008 02:44:58	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33453	No
33	GOM_NL__2PRFIN20080724_024928_000000422070_00333_33453_9397.N1	24-JUL-2008 02:49:28	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33453	No
34	GOM_NL__2PRFIN20080724_025300_000000412070_00333_33453_9398.N1	24-JUL-2008 02:53:00	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33453	No
35	GOM_NL__2PRFIN20080724_030134_000000392070_00333_33453_9399.N1	24-JUL-2008 03:01:34	Bright	38.500	103	38Zet Sgr	2.6000	9700.0	77	33453	No
36	GOM_NL__2PRFIN20080724_030358_000000372070_00333_33453_9400.N1	24-JUL-2008 03:03:58	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33453	No
37	GOM_NL__2PRFIN20080724_031405_000000362070_00333_33453_9401.N1	24-JUL-2008 03:14:05	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33453	No
38	GOM_NL__2PRFIN20080724_032108_000000392070_00333_33453_9402.N1	24-JUL-2008 03:21:08	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33453	No
39	GOM_NL__2PRFIN20080724_032345_000000262070_00333_33453_9403.N1	24-JUL-2008 03:23:45	Twi_and_stray	26.000	144	18Del Cyg	2.8600	11000.	52	33453	No
40	GOM_NL__2PRFIN20080724_032445_000000342070_00333_33453_9404.N1	24-JUL-2008 03:24:45	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	33453	No
41	GOM_NL__2PRFIN20080724_033542_000000322070_00333_33453_9405.N1	24-JUL-2008 03:35:42	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33453	No
42	GOM_NL__2PRFIN20080724_034817_000000382070_00333_33453_9406.N1	24-JUL-2008 03:48:17	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	33453	No







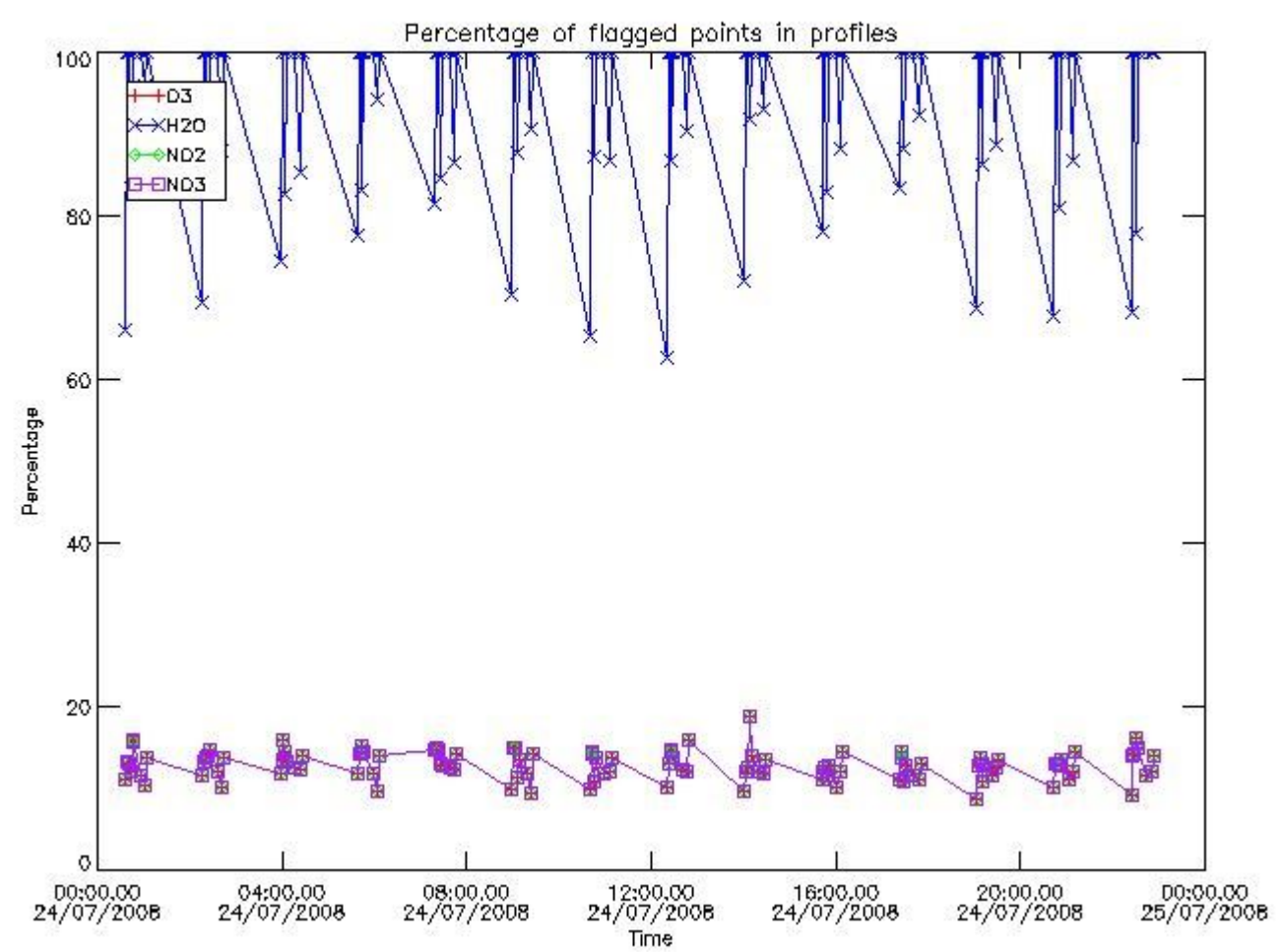
161	GOM_NL__2PRFIN20080724_140729_000000432070_00339_33459_9508.N1	24-JUL-2008 14:07:29	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	33459	No
162	GOM_NL__2PRFIN20080724_140947_000000402070_00339_33459_9509.N1	24-JUL-2008 14:09:47	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33459	No
163	GOM_NL__2PRFIN20080724_142035_000000432070_00339_33459_9510.N1	24-JUL-2008 14:20:35	Dark	42.500	157	The1Eri	2.9060	9300.0	85	33459	No
164	GOM_NL__2PRFIN20080724_142629_000000432070_00340_33460_9505.N1	24-JUL-2008 14:26:29	Dark	43.000	9	Alp Eri	0.45300	24000.	86	33460	No
165	GOM_NL__2PRFIN20080724_142911_000000382070_00340_33460_9506.N1	24-JUL-2008 14:29:11	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33460	No
166	GOM_NL__2PRFIN20080724_143343_000000412070_00340_33460_9507.N1	24-JUL-2008 14:33:43	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33460	No
167	GOM_NL__2PRFIN20080724_143653_000000312070_00340_33460_9508.N1	24-JUL-2008 14:36:53	Straylight	31.000	31	Alp Gru	1.7340	15200.	62	33460	No
168	GOM_NL__2PRFIN20080724_144547_000000452070_00340_33460_9509.N1	24-JUL-2008 14:45:47	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	33460	No
169	GOM_NL__2PRFIN20080724_144811_000000392070_00340_33460_9510.N1	24-JUL-2008 14:48:11	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	33460	No
170	GOM_NL__2PRFIN20080724_145816_000000362070_00340_33460_9511.N1	24-JUL-2008 14:58:16	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33460	No
171	GOM_NL__2PRFIN20080724_150520_000000342070_00340_33460_9512.N1	24-JUL-2008 15:05:20	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	33460	No
172	GOM_NL__2PRFIN20080724_150754_000000402070_00340_33460_9513.N1	24-JUL-2008 15:07:54	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	33460	No
173	GOM_NL__2PRFIN20080724_151954_000000352070_00340_33460_9514.N1	24-JUL-2008 15:19:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33460	No
174	GOM_NL__2PRFIN20080724_153229_000000402070_00340_33460_9515.N1	24-JUL-2008 15:32:29	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	33460	No
175	GOM_NL__2PRFIN20080724_153624_000000422070_00340_33460_9516.N1	24-JUL-2008 15:36:24	Bright	42.000	114	3lot Aur	2.6930	4600.0	84	33460	No
176	GOM_NL__2PRFIN20080724_154146_000000552070_00340_33460_9517.N1	24-JUL-2008 15:41:46	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	33460	No
177	GOM_NL__2PRFIN20080724_154350_000000422070_00340_33460_9518.N1	24-JUL-2008 15:43:50	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	33460	No
178	GOM_NL__2PRFIN20080724_154546_000000412070_00340_33460_9519.N1	24-JUL-2008 15:45:46	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33460	No
179	GOM_NL__2PRFIN20080724_154805_000000442070_00340_33460_9520.N1	24-JUL-2008 15:48:05	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	33460	No
180	GOM_NL__2PRFIN20080724_155023_000000402070_00340_33460_9521.N1	24-JUL-2008 15:50:23	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33460	No
181	GOM_NL__2PRFIN20080724_160112_000000502070_00340_33460_9522.N1	24-JUL-2008 16:01:12	Dark	50.000	157	The1Eri	2.9060	9300.0	100	33460	No
182	GOM_NL__2PRFIN20080724_160706_000000432070_00341_33461_9515.N1	24-JUL-2008 16:07:06	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33461	No
183	GOM_NL__2PRFIN20080724_160947_000000362070_00341_33461_9516.N1	24-JUL-2008 16:09:47	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33461	No
184	GOM_NL__2PRFIN20080724_161419_000000412070_00341_33461_9517.N1	24-JUL-2008 16:14:19	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33461	No
185	GOM_NL__2PRFIN20080724_161730_000000312070_00341_33461_9518.N1	24-JUL-2008 16:17:30	Straylight	30.500	31	Alp Gru	1.7340	15200.	61	33461	No
186	GOM_NL__2PRFIN20080724_162623_000000522070_00341_33461_9519.N1	24-JUL-2008 16:26:23	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	33461	No
187	GOM_NL__2PRFIN20080724_162847_000000382070_00341_33461_9520.N1	24-JUL-2008 16:28:47	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33461	No
188	GOM_NL__2PRFIN20080724_163852_000000362070_00341_33461_9521.N1	24-JUL-2008 16:38:52	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33461	No
189	GOM_NL__2PRFIN20080724_164556_000000392070_00341_33461_9522.N1	24-JUL-2008 16:45:56	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	33461	No
190	GOM_NL__2PRFIN20080724_164830_000000392070_00341_33461_9523.N1	24-JUL-2008 16:48:30	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	33461	No
191	GOM_NL__2PRFIN20080724_170030_000000372070_00341_33461_9524.N1	24-JUL-2008 17:00:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33461	No
192	GOM_NL__2PRFIN20080724_171305_000000412070_00341_33461_9525.N1	24-JUL-2008 17:13:05	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33461	No
193	GOM_NL__2PRFIN20080724_171701_000000392070_00341_33461_9526.N1	24-JUL-2008 17:17:01	Bright	39.000	114	3lot Aur	2.6930	4600.0	78	33461	No
194	GOM_NL__2PRFIN20080724_172222_000000462070_00341_33461_9527.N1	24-JUL-2008 17:22:22	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	33461	No
195	GOM_NL__2PRFIN20080724_172427_000000392070_00341_33461_9528.N1	24-JUL-2008 17:24:27	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	33461	No
196	GOM_NL__2PRFIN20080724_172622_000000412070_00341_33461_9529.N1	24-JUL-2008 17:26:22	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	33461	No
197	GOM_NL__2PRFIN20080724_172841_000000472070_00341_33461_9530.N1	24-JUL-2008 17:28:41	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	33461	No
198	GOM_NL__2PRFIN20080724_173059_000000402070_00341_33461_9531.N1	24-JUL-2008 17:30:59	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	33461	No
199	GOM_NL__2PRFIN20080724_174149_000000442070_00341_33461_9532.N1	24-JUL-2008 17:41:49	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33461	No
200	GOM_NL__2PRFIN20080724_174742_000000462070_00342_33462_9528.N1	24-JUL-2008 17:47:42	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33462	No
201	GOM_NL__2PRFIN20080724_175024_000000402070_00342_33462_9529.N1	24-JUL-2008 17:50:24	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	33462	No
202	GOM_NL__2PRFIN20080724_175456_000000432070_00342_33462_9530.N1	24-JUL-2008 17:54:56	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33462	No
203	GOM_NL__2PRFIN20080724_175806_000000342070_00342_33462_9531.N1	24-JUL-2008 17:58:06	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	33462	No
204	GOM_NL__2PRFIN20080724_180659_000000452070_00342_33462_9532.N1	24-JUL-2008 18:06:59	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	33462	No
205	GOM_NL__2PRFIN20080724_180923_000000382070_00342_33462_9533.N1	24-JUL-2008 18:09:23	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	33462	No
206	GOM_NL__2PRFIN20080724_181928_000000362070_00342_33462_9534.N1	24-JUL-2008 18:19:28	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33462	No
207	GOM_NL__2PRFIN20080724_182632_000000412070_00342_33462_9535.N1	24-JUL-2008 18:26:32	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	33462	No
208	GOM_NL__2PRFIN20080724_182905_000000522070_00342_33462_9536.N1	24-JUL-2008 18:29:05	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	33462	No
209	GOM_NL__2PRFIN20080724_184106_000000352070_00342_33462_9537.N1	24-JUL-2008 18:41:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33462	No
210	GOM_NL__2PRFIN20080724_185341_000000412070_00342_33462_9538.N1	24-JUL-2008 18:53:41	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	33462	No
211	GOM_NL__2PRFIN20080724_185737_000000422070_00342_33462_9539.N1	24-JUL-2008 18:57:37	Bright	42.000	114	3lot Aur	2.6930	4600.0	84	33462	No
212	GOM_NL__2PRFIN20080724_190258_000000582070_00342_33462_9540.N1	24-JUL-2008 19:02:58	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	33462	No
213	GOM_NL__2PRFIN20080724_190503_000000402070_00342_33462_9541.N1	24-JUL-2008 19:05:03	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	33462	No
214	GOM_NL__2PRFIN20080724_190658_000000412070_00342_33462_9542.N1	24-JUL-2008 19:06:58	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	33462	No
215	GOM_NL__2PRFIN20080724_190918_000000482070_00342_33462_9543.N1	24-JUL-2008 19:09:18	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	33462	No
216	GOM_NL__2PRFIN20080724_191135_000000392070_00342_33462_9544.N1	24-JUL-2008 19:11:35	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	33462	No
217	GOM_NL__2PRFIN20080724_192226_000000442070_00342_33462_9545.N1	24-JUL-2008 19:22:26	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33462	No
218	GOM_NL__2PRFIN20080724_192819_000000412070_00343_33463_9541.N1	24-JUL-2008 19:28:19	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33463	No
219	GOM_NL__2PRFIN20080724_193100_000000382070_00343_33463_9542.N1	24-JUL-2008 19:31:00	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33463	No

220	GOM_NL__2PRFIN20080724_193532_000000392070_00343_33463_9543.N1	24-JUL-2008 19:35:32	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	33463	No
221	GOM_NL__2PRFIN20080724_193843_000000342070_00343_33463_9544.N1	24-JUL-2008 19:38:43	Straylight	33.500	31	Alp Gru	1.7340	15200.	67	33463	No
222	GOM_NL__2PRFIN20080724_194735_000000412070_00343_33463_9545.N1	24-JUL-2008 19:47:35	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	33463	No
223	GOM_NL__2PRFIN20080724_194959_000000372070_00343_33463_9546.N1	24-JUL-2008 19:49:59	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	33463	No
224	GOM_NL__2PRFIN20080724_200004_000000362070_00343_33463_9547.N1	24-JUL-2008 20:00:04	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33463	No
225	GOM_NL__2PRFIN20080724_200707_000000372070_00343_33463_9548.N1	24-JUL-2008 20:07:07	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	33463	No
226	GOM_NL__2PRFIN20080724_200941_000000392070_00343_33463_9549.N1	24-JUL-2008 20:09:41	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	33463	No
227	GOM_NL__2PRFIN20080724_202142_000000372070_00343_33463_9550.N1	24-JUL-2008 20:21:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33463	No
228	GOM_NL__2PRFIN20080724_203417_000000392070_00343_33463_9551.N1	24-JUL-2008 20:34:17	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	33463	No
229	GOM_NL__2PRFIN20080724_203813_000000422070_00343_33463_9552.N1	24-JUL-2008 20:38:13	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	33463	No
230	GOM_NL__2PRFIN20080724_204334_000000502070_00343_33463_9553.N1	24-JUL-2008 20:43:34	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	33463	No
231	GOM_NL__2PRFIN20080724_204539_000000402070_00343_33463_9554.N1	24-JUL-2008 20:45:39	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	33463	No
232	GOM_NL__2PRFIN20080724_204735_000000392070_00343_33463_9555.N1	24-JUL-2008 20:47:35	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	33463	No
233	GOM_NL__2PRFIN20080724_204954_000000402070_00343_33463_9556.N1	24-JUL-2008 20:49:54	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	33463	No
234	GOM_NL__2PRFIN20080724_205212_000000382070_00343_33463_9557.N1	24-JUL-2008 20:52:12	Dark	38.000	101	11Alp Lep	2.5820	7000.0	76	33463	No
235	GOM_NL__2PRFIN20080724_210302_000000462070_00343_33463_9558.N1	24-JUL-2008 21:03:02	Dark	46.000	157	The1Eri	2.9060	9300.0	92	33463	No
236	GOM_NL__2PRFIN20080724_210856_000000422070_00344_33464_9562.N1	24-JUL-2008 21:08:56	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33464	No
237	GOM_NL__2PRFIN20080724_211136_000000362070_00344_33464_9563.N1	24-JUL-2008 21:11:36	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33464	No
238	GOM_NL__2PRFIN20080724_211609_000000472070_00344_33464_9564.N1	24-JUL-2008 21:16:09	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	33464	No
239	GOM_NL__2PRFIN20080724_211919_000000372070_00344_33464_9565.N1	24-JUL-2008 21:19:19	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	33464	No
240	GOM_NL__2PRFIN20080724_212811_000000442070_00344_33464_9566.N1	24-JUL-2008 21:28:11	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	33464	No
241	GOM_NL__2PRFIN20080724_213035_000000382070_00344_33464_9567.N1	24-JUL-2008 21:30:35	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	33464	No
242	GOM_NL__2PRFIN20080724_214039_000000362070_00344_33464_9568.N1	24-JUL-2008 21:40:39	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	33464	No
243	GOM_NL__2PRFIN20080724_214743_000000342070_00344_33464_9569.N1	24-JUL-2008 21:47:43	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	33464	No
244	GOM_NL__2PRFIN20080724_215017_000000402070_00344_33464_9570.N1	24-JUL-2008 21:50:17	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	33464	No
245	GOM_NL__2PRFIN20080724_215145_000000372070_00344_33464_9571.N1	24-JUL-2008 21:51:45	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33464	No
246	GOM_NL__2PRFIN20080724_220217_000000362070_00344_33464_9572.N1	24-JUL-2008 22:02:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33464	No
247	GOM_NL__2PRFIN20080724_221453_000000392070_00344_33464_9573.N1	24-JUL-2008 22:14:53	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	33464	No
248	GOM_NL__2PRFIN20080724_221849_000000412070_00344_33464_9574.N1	24-JUL-2008 22:18:49	Bright	41.000	114	3lot Aur	2.6930	4600.0	82	33464	No
249	GOM_NL__2PRFIN20080724_222411_000000562070_00344_33464_9575.N1	24-JUL-2008 22:24:11	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	33464	No
250	GOM_NL__2PRFIN20080724_222615_000000402070_00344_33464_9576.N1	24-JUL-2008 22:26:15	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	33464	No
251	GOM_NL__2PRFIN20080724_222811_000000402070_00344_33464_9577.N1	24-JUL-2008 22:28:11	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	33464	No
252	GOM_NL__2PRFIN20080724_223030_000000412070_00344_33464_9578.N1	24-JUL-2008 22:30:30	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	33464	No
253	GOM_NL__2PRFIN20080724_223248_000000372070_00344_33464_9579.N1	24-JUL-2008 22:32:48	Dark	37.000	101	11Alp Lep	2.5820	7000.0	74	33464	No
254	GOM_NL__2PRFIN20080724_224339_000000442070_00344_33464_9580.N1	24-JUL-2008 22:43:39	Dark	44.000	157	The1Eri	2.9060	9300.0	88	33464	No
255	GOM_NL__2PRFIN20080724_224932_000000432070_00345_33465_9575.N1	24-JUL-2008 22:49:32	Dark	42.500	9	Alp Eri	0.45300	24000.	85	33465	No
256	GOM_NL__2PRFIN20080724_225212_000000372070_00345_33465_9576.N1	24-JUL-2008 22:52:12	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33465	No
257	GOM_NL__2PRFIN20080724_225645_000000412070_00345_33465_9577.N1	24-JUL-2008 22:56:45	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33465	No
258	GOM_NL__2PRFIN20080724_225956_000000372070_00345_33465_9578.N1	24-JUL-2008 22:59:56	Straylight	37.000	31	Alp Gru	1.7340	15200.	74	33465	No
259	GOM_NL__2PRFIN20080724_230847_000000422070_00345_33465_9579.N1	24-JUL-2008 23:08:47	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	33465	No
260	GOM_NL__2PRFIN20080724_231111_000000372070_00345_33465_9580.N1	24-JUL-2008 23:11:11	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	33465	No
261	GOM_NL__2PRFIN20080724_232115_000000362070_00345_33465_9581.N1	24-JUL-2008 23:21:15	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	33465	No
262	GOM_NL__2PRFIN20080724_232819_000000372070_00345_33465_9582.N1	24-JUL-2008 23:28:19	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	33465	No
263	GOM_NL__2PRFIN20080724_233052_000000362070_00345_33465_9583.N1	24-JUL-2008 23:30:52	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	33465	No
264	GOM_NL__2PRFIN20080724_233221_000000372070_00345_33465_9584.N1	24-JUL-2008 23:32:21	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33465	No
265	GOM_NL__2PRFIN20080724_234253_000000362070_00345_33465_9585.N1	24-JUL-2008 23:42:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33465	No
266	GOM_NL__2PRFIN20080724_235529_000000412070_00345_33465_9586.N1	24-JUL-2008 23:55:29	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	33465	No
267	GOM_NL__2PRFIN20080724_235925_000000412070_00345_33465_9587.N1	24-JUL-2008 23:59:25	Bright	40.500	114	3lot Aur	2.6930	4600.0	81	33465	No

### 3. Quality information per product

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

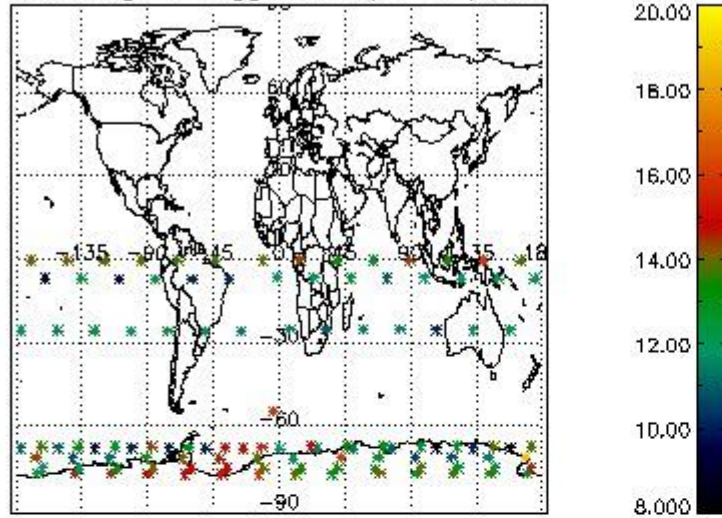
#### 3.1 Plot quality information per product (time dependant)



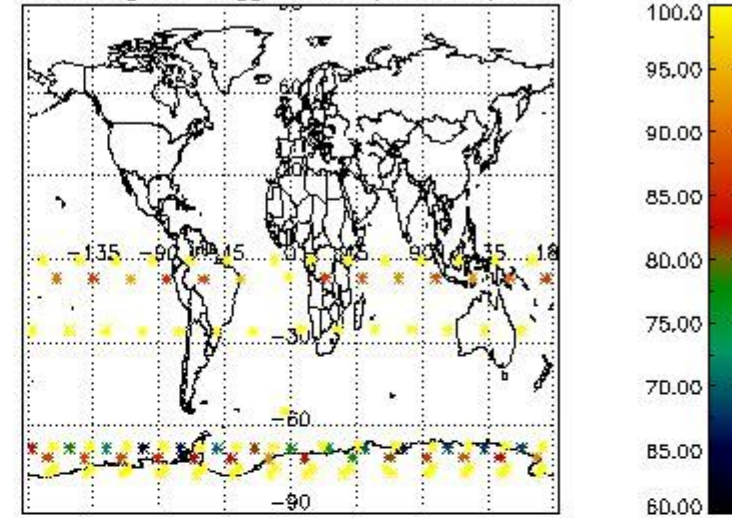
3.2 Plot quality information per product (world map)



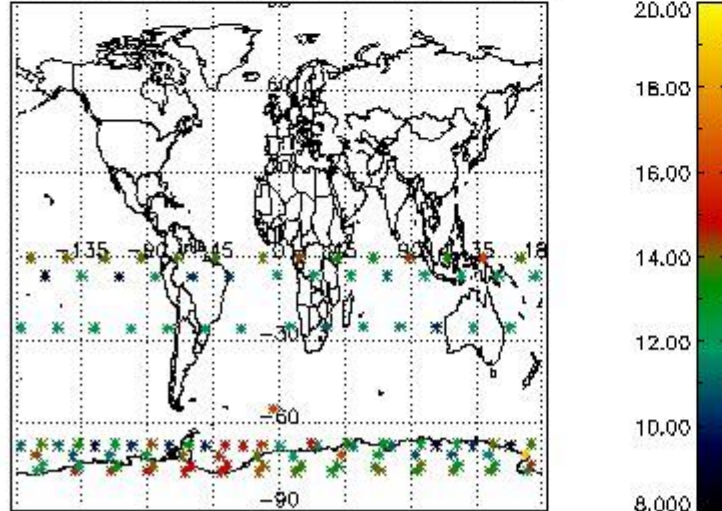
Percentage of flagged data per O3 profile



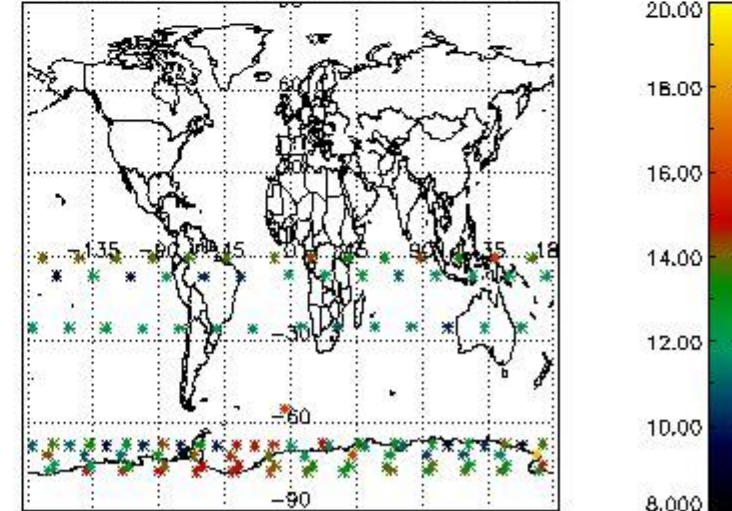
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

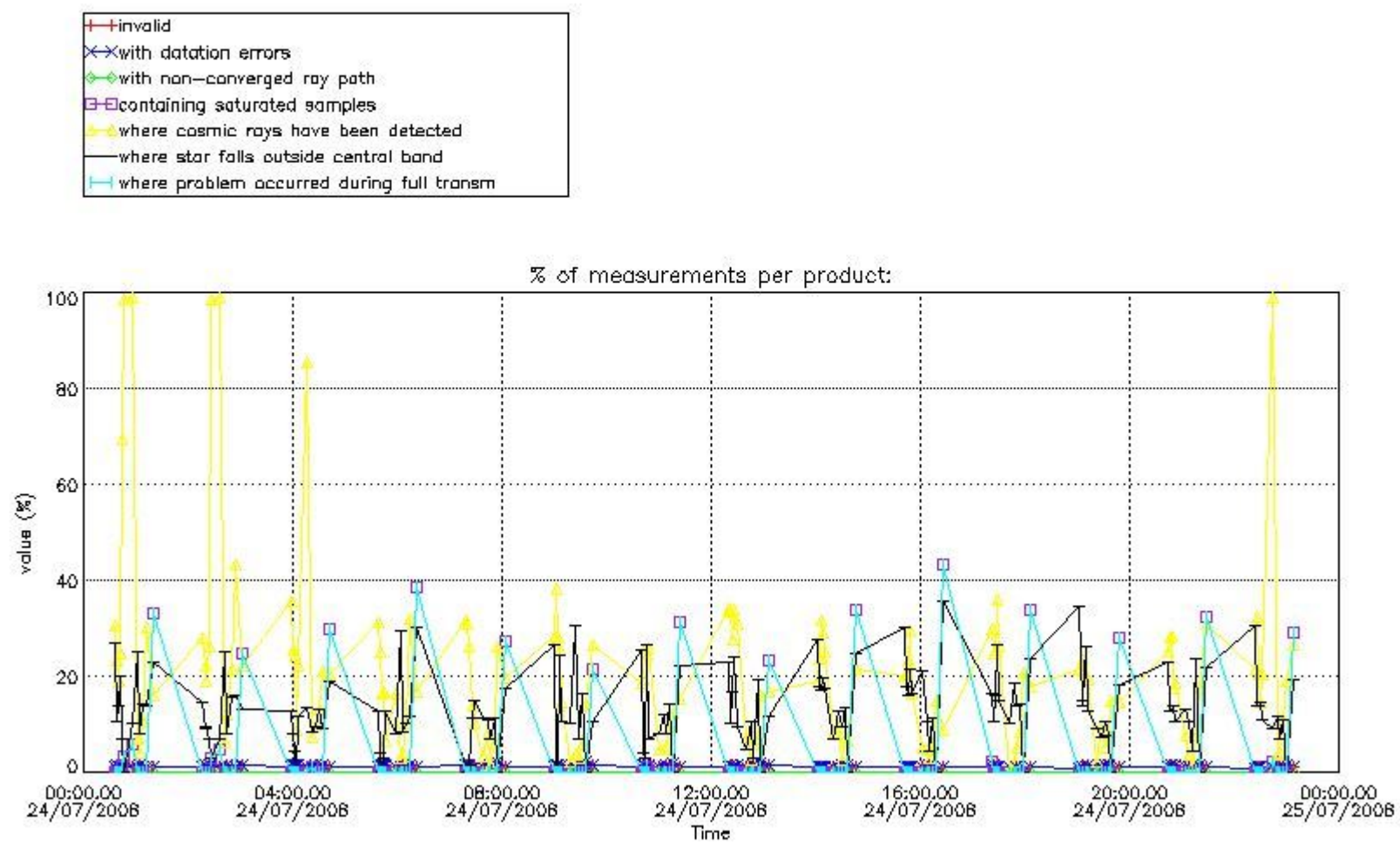


#### 4. Level 1 quality information per product

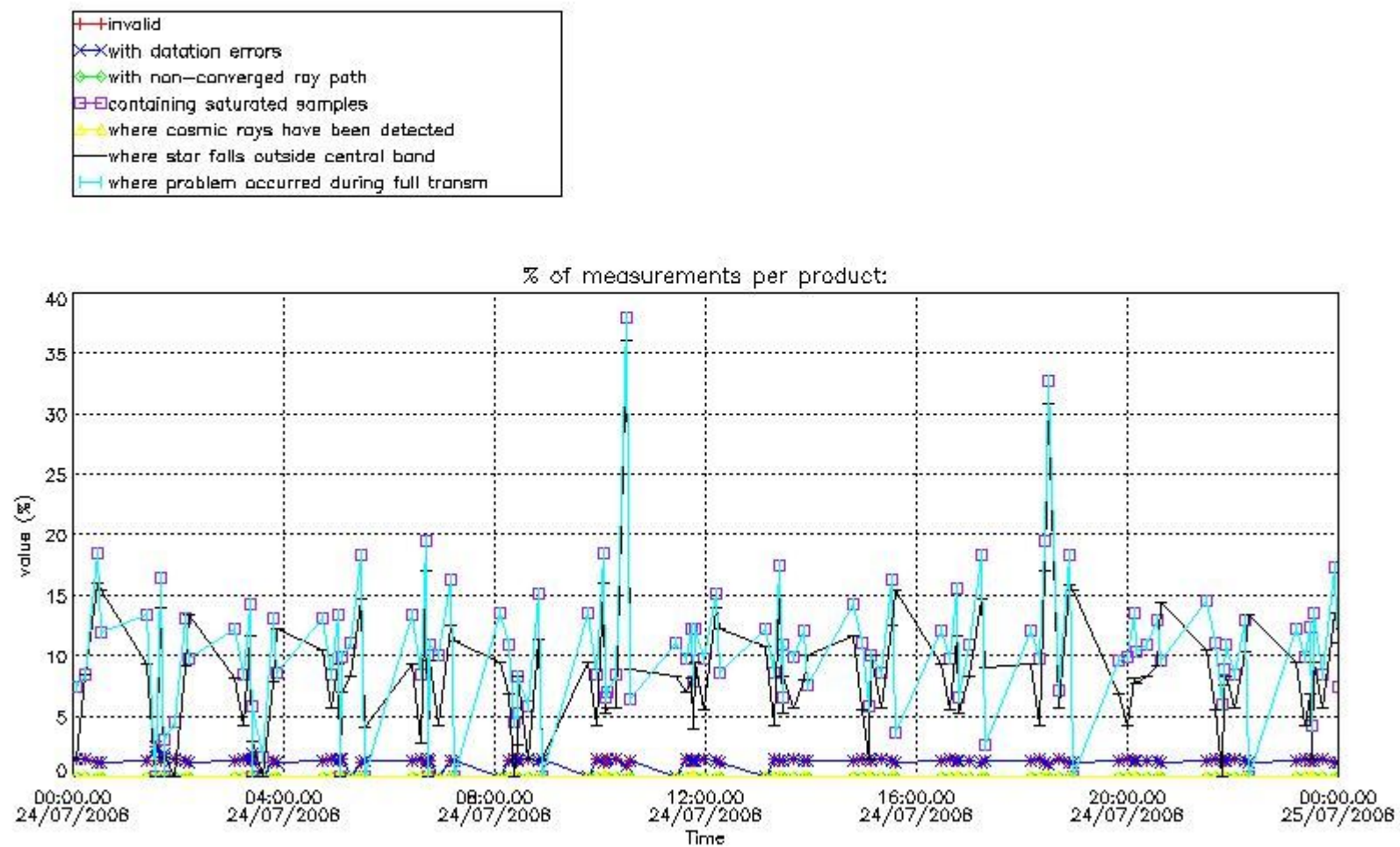
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

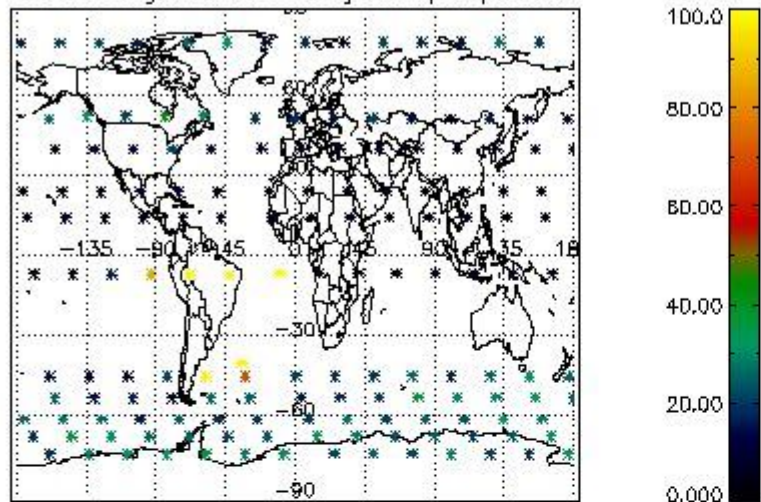


4.2 Plot quality information per product coming from level 1b processing (world map)

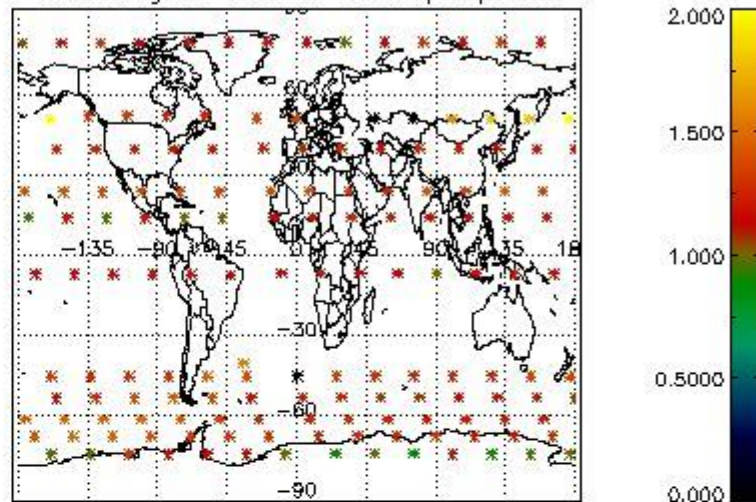
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



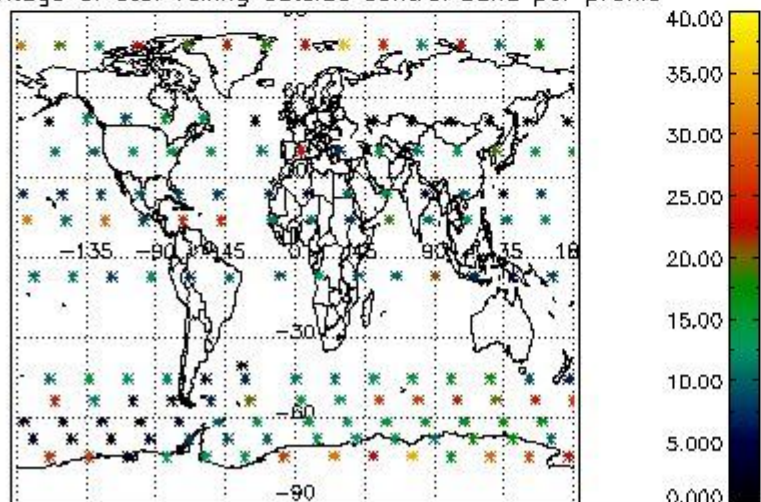
Percentage of cosmic ray hits per profile



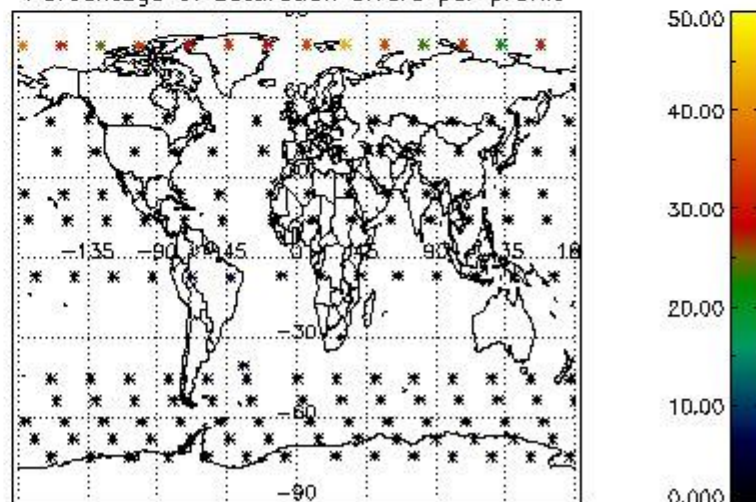
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

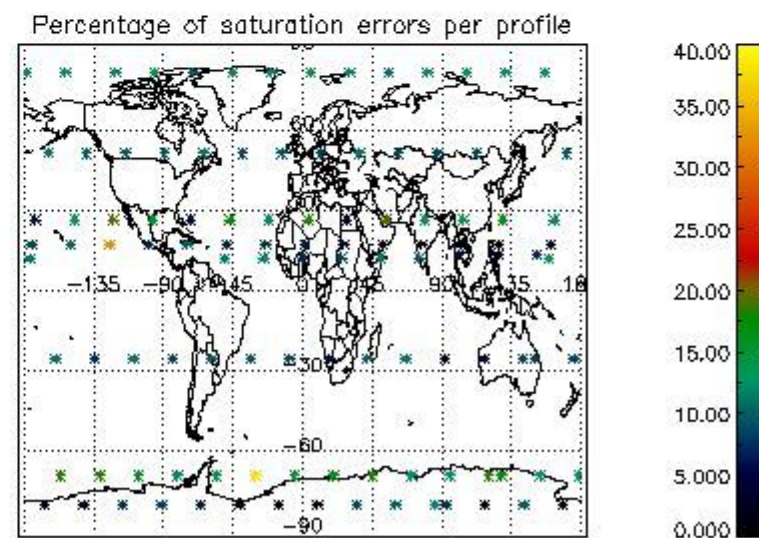
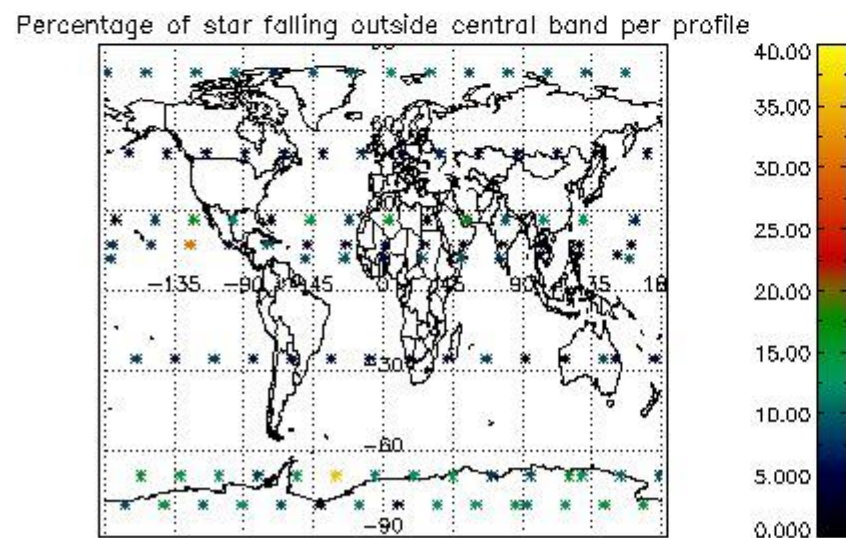
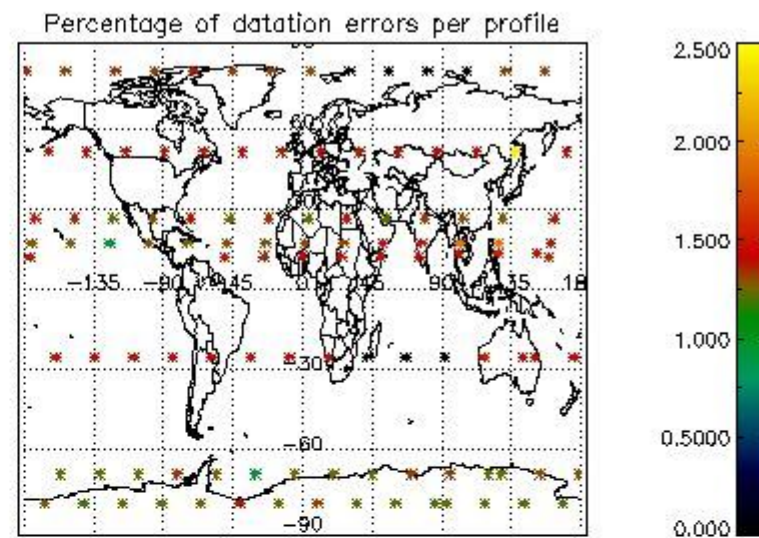
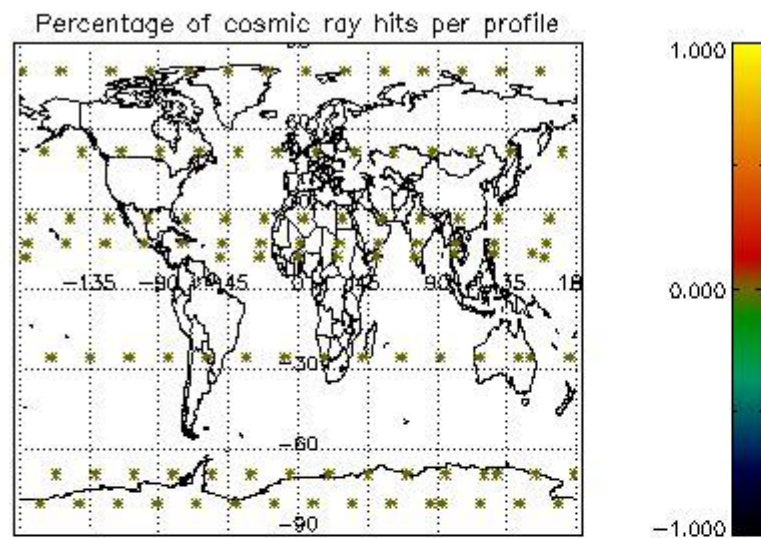


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

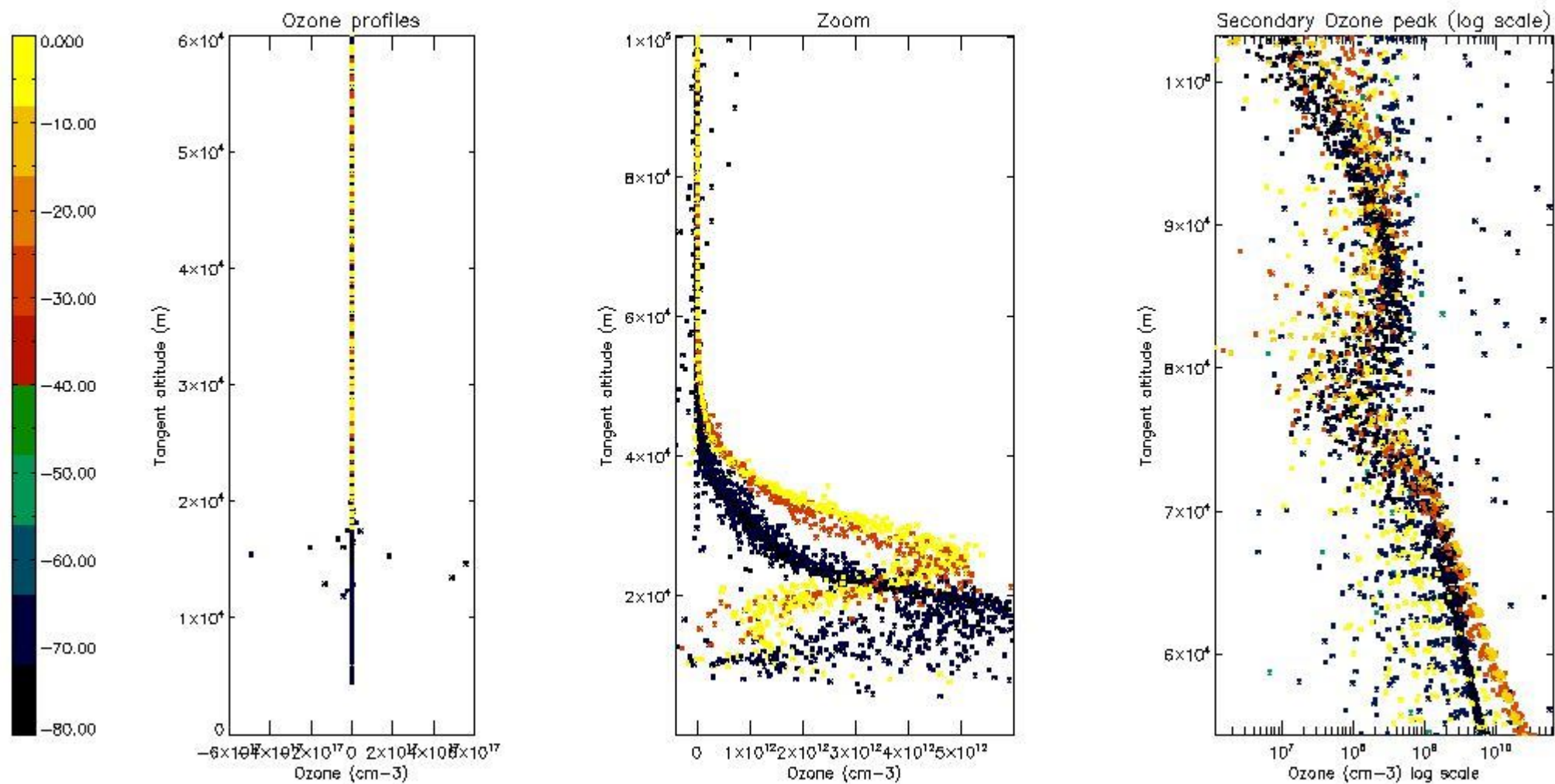
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	24

STD < 10	18
STD < 5	12

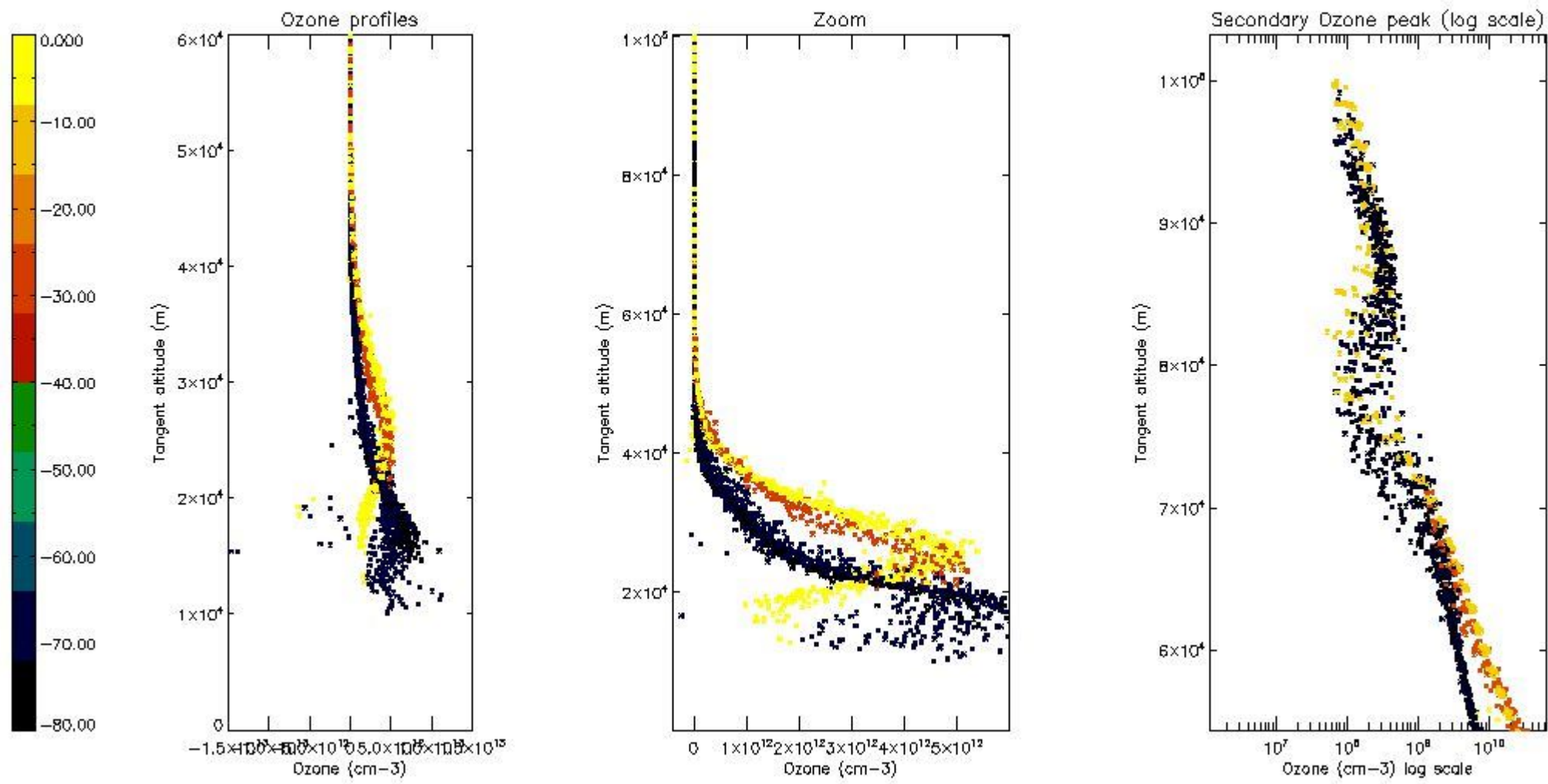
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

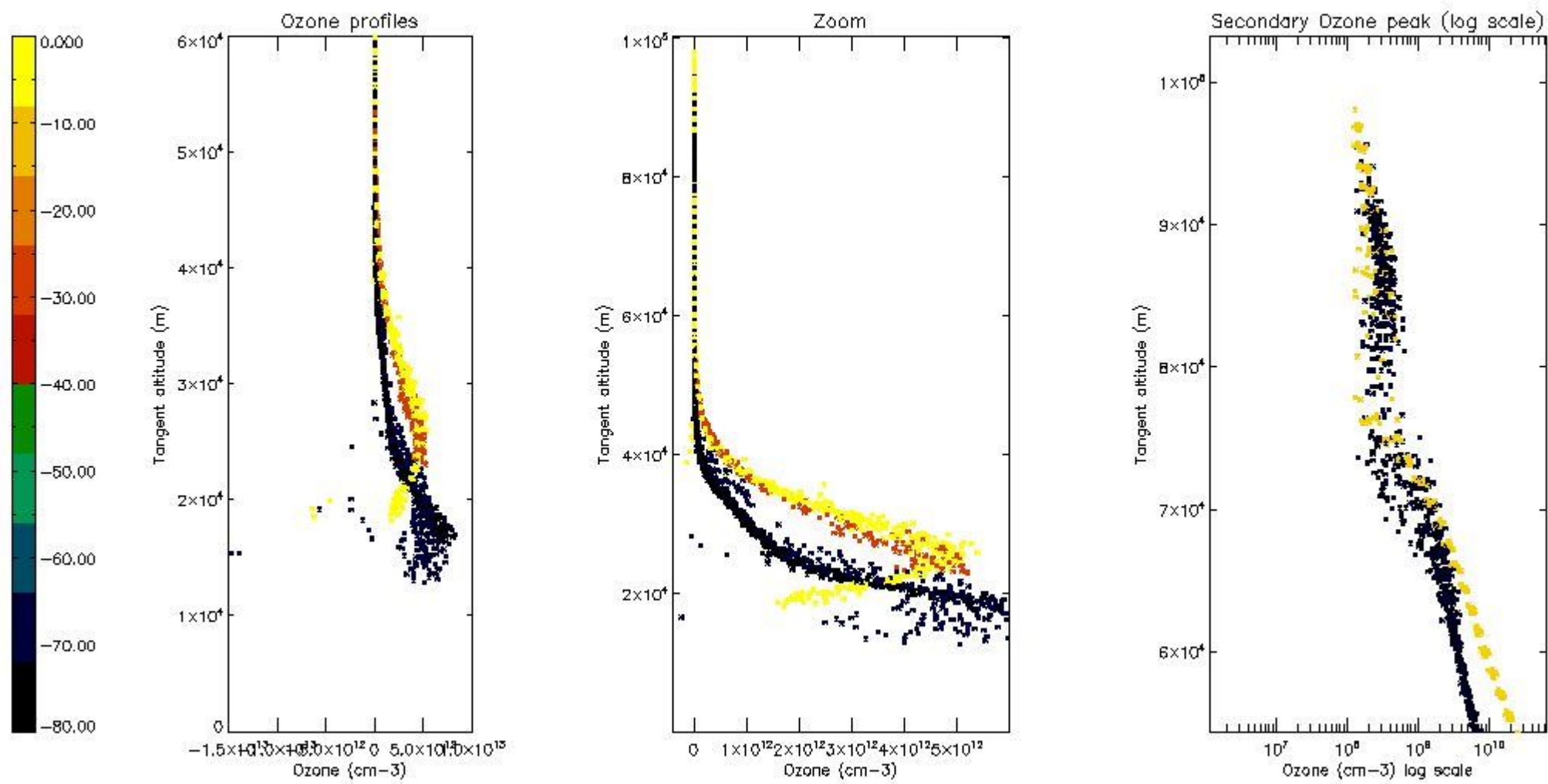
The colorbar represents the latitude.



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

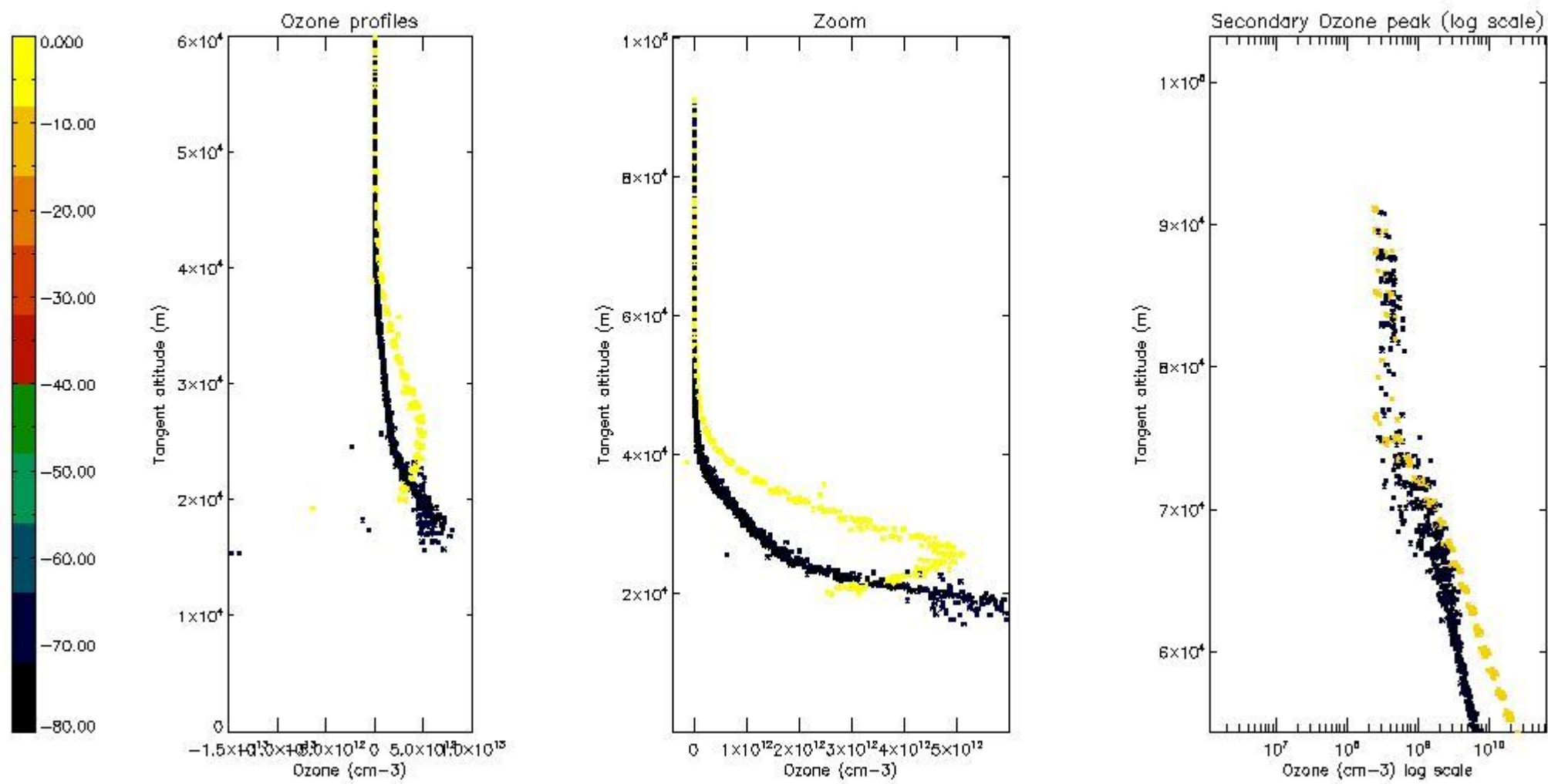
The colorbar represents the latitude.





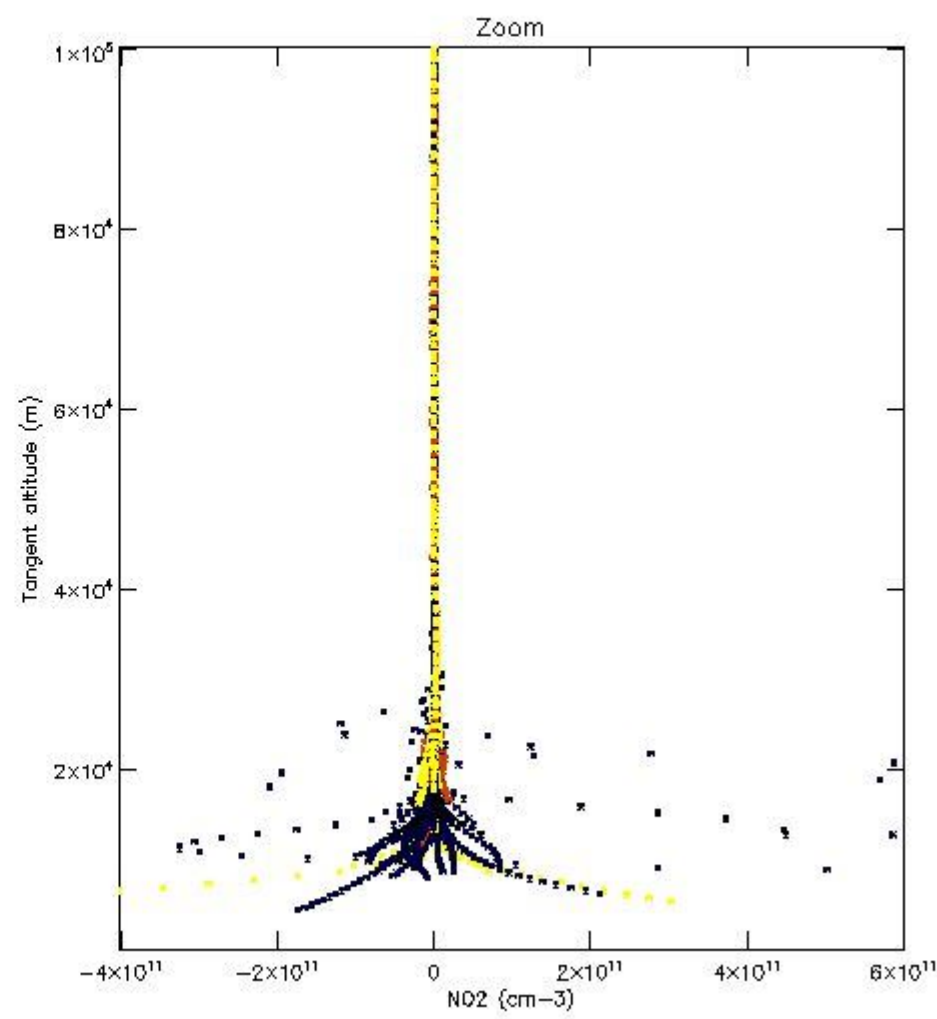
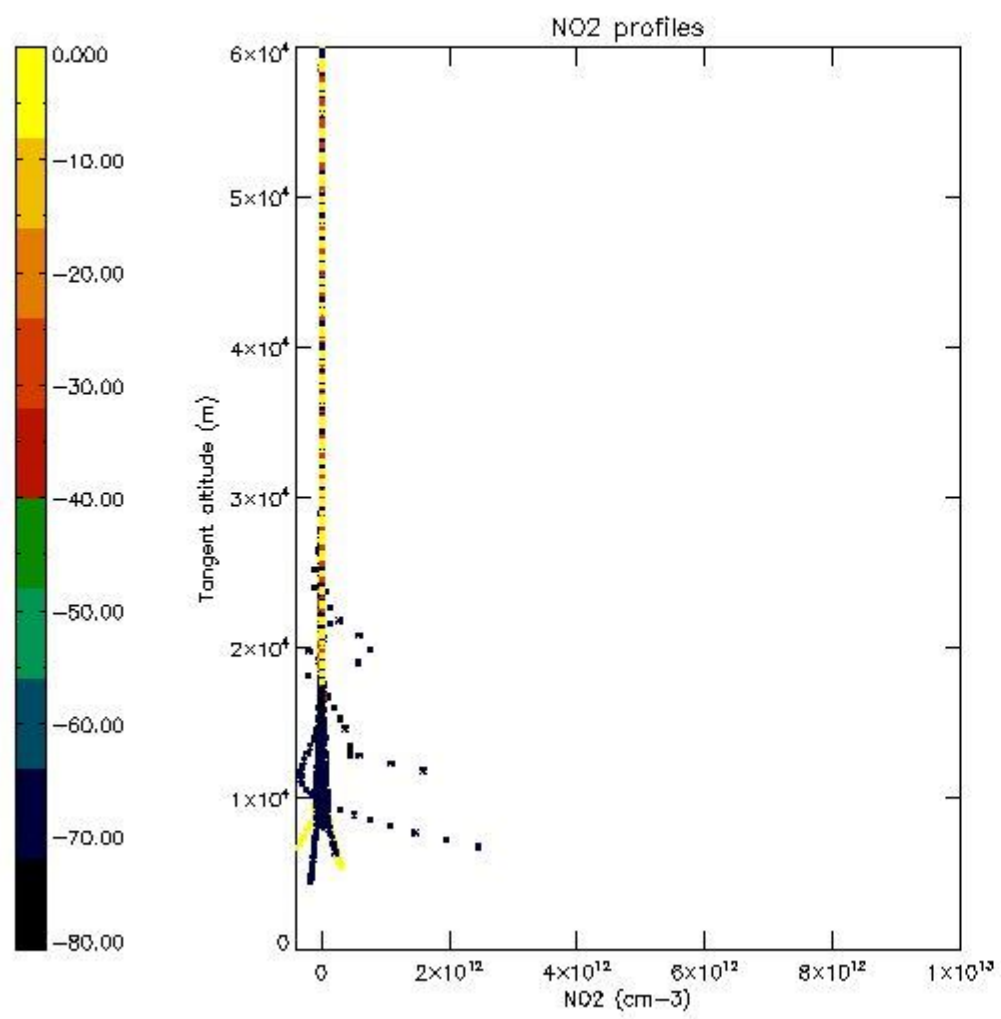
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



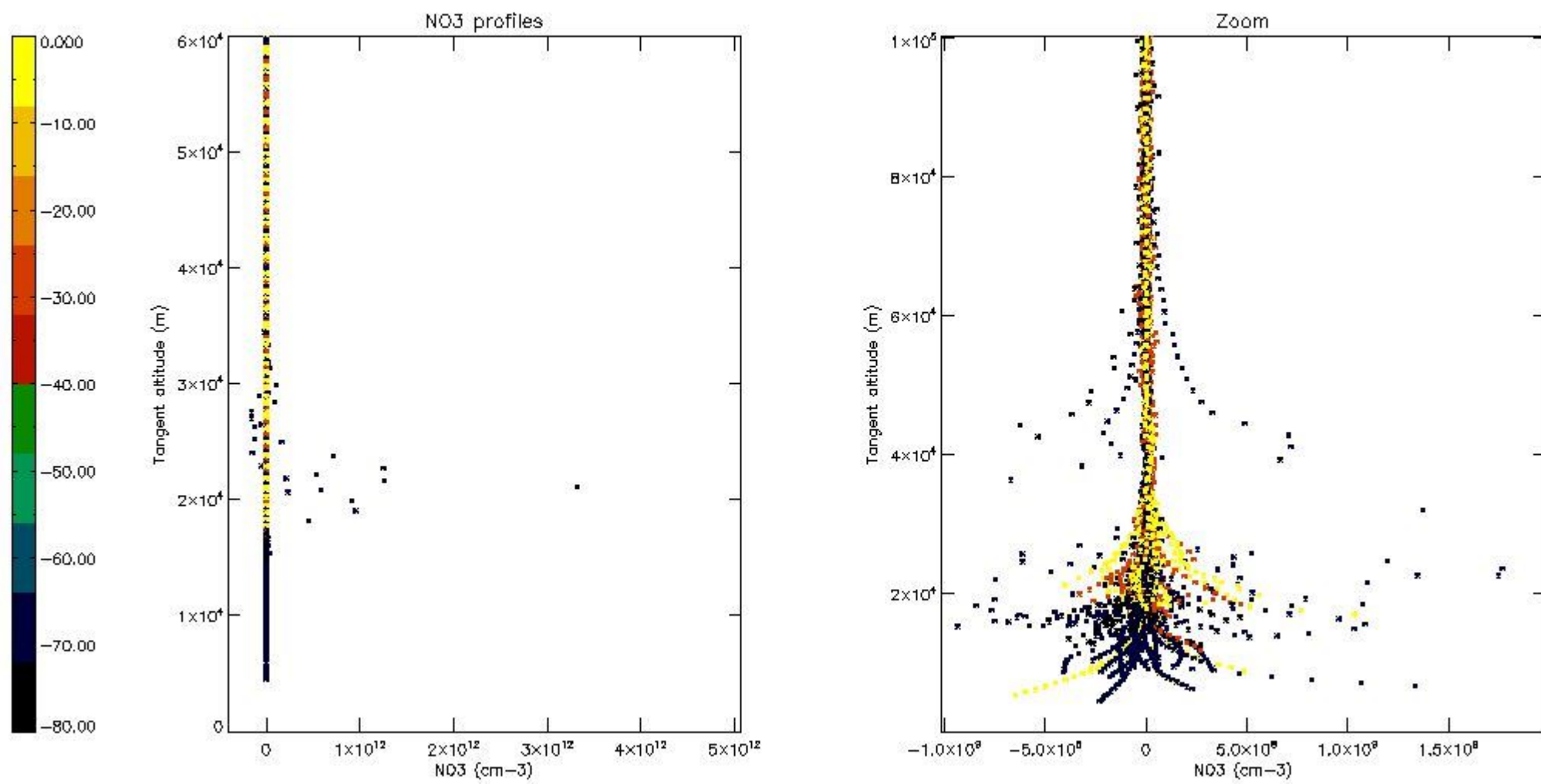
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

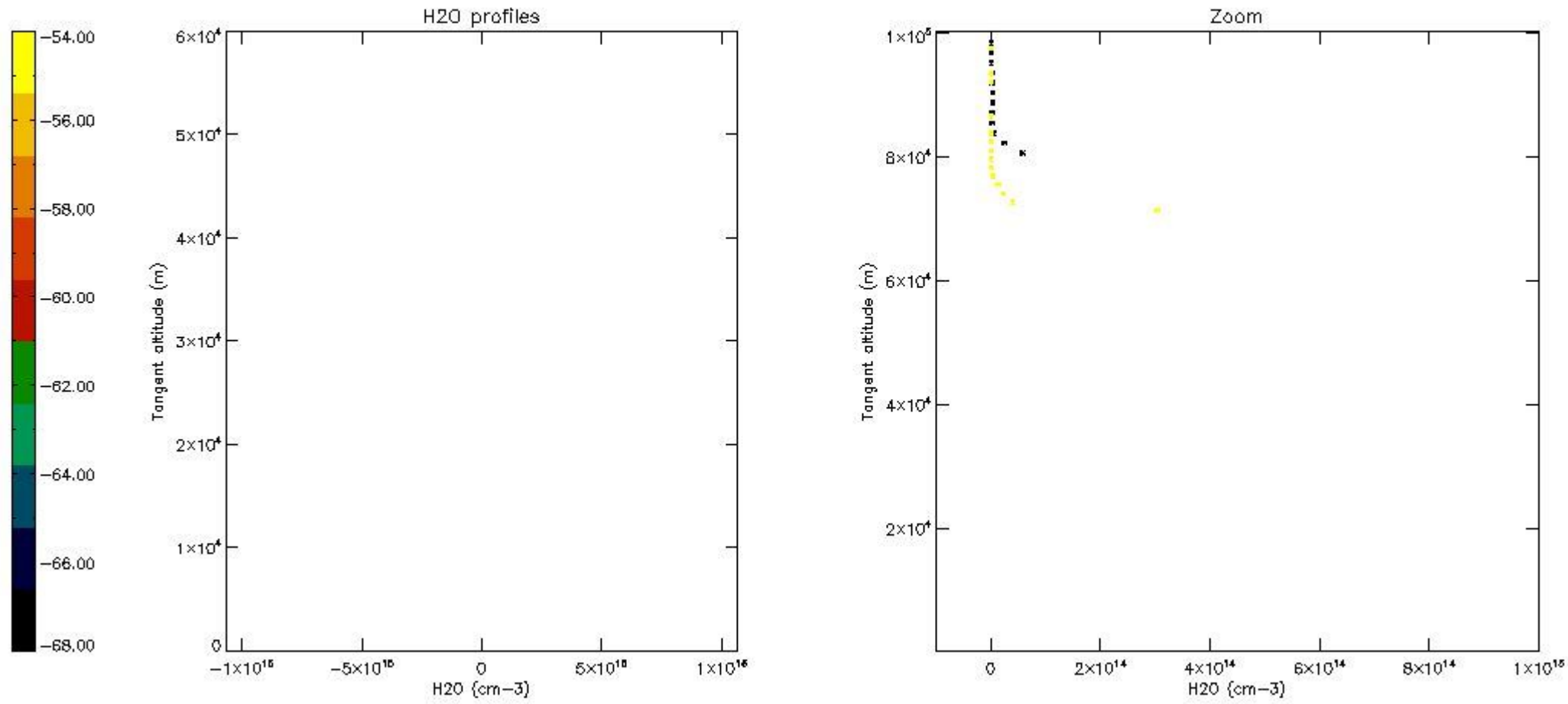
The colorbar represents the latitude.



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.

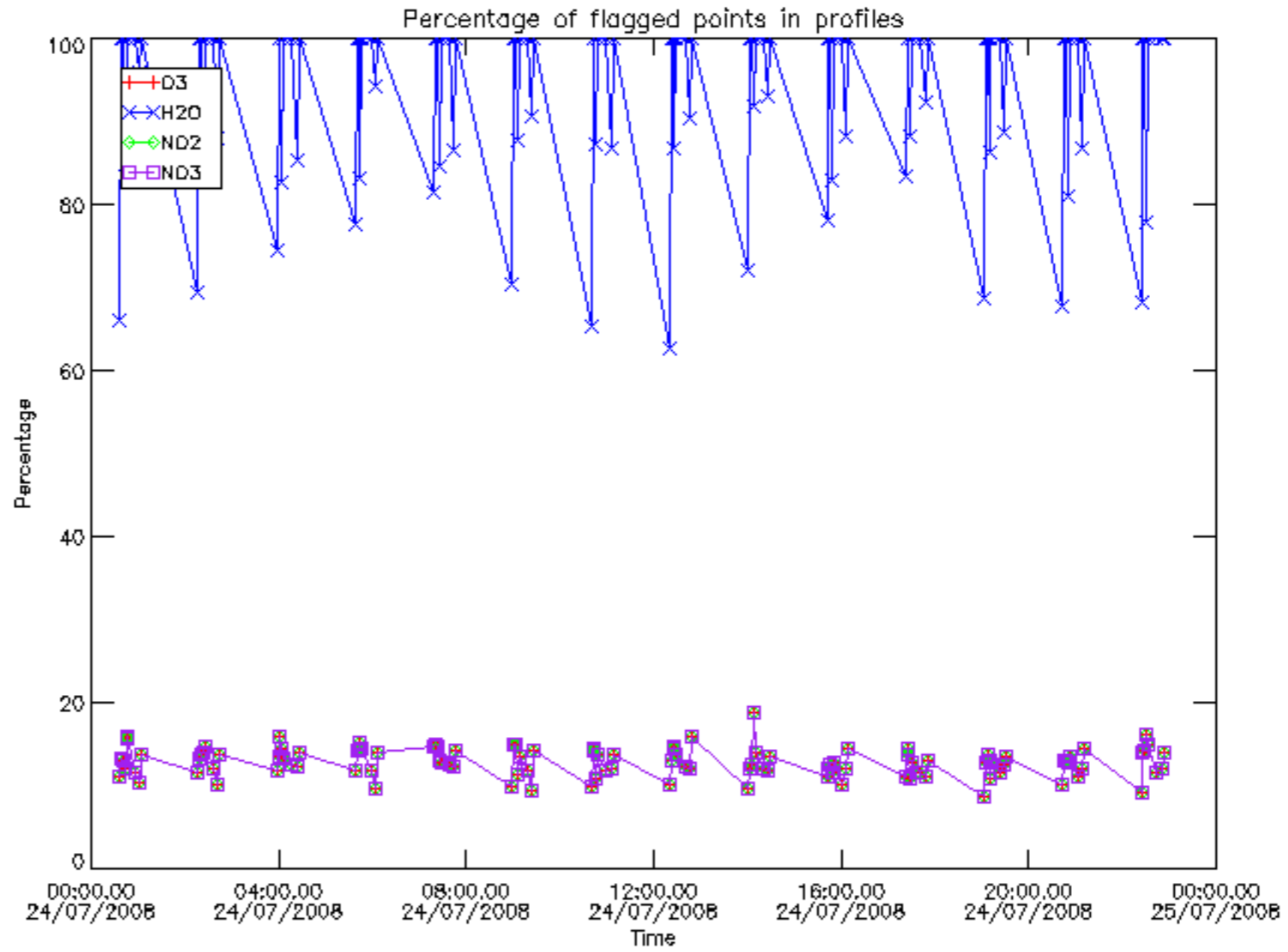




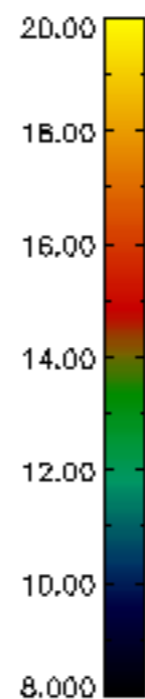
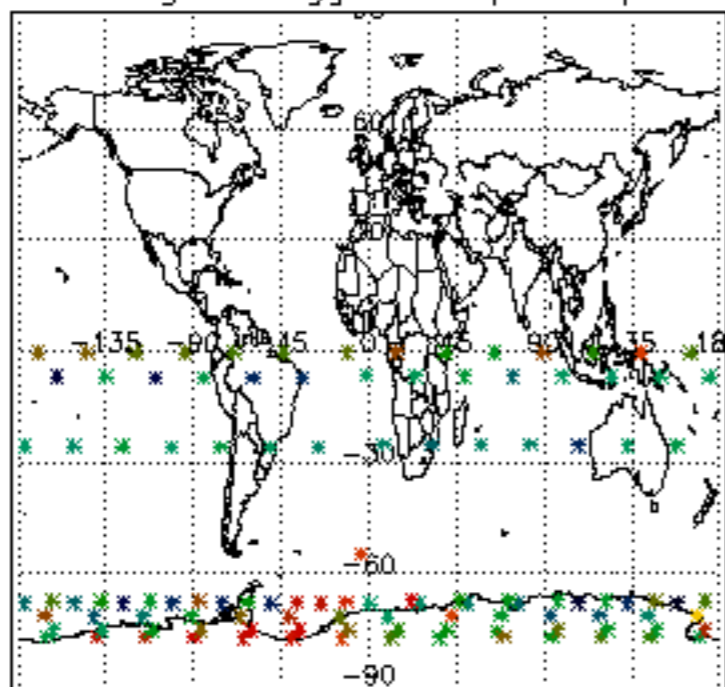
## 6. Auxiliary Data Files used for the production reported in section 2

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.

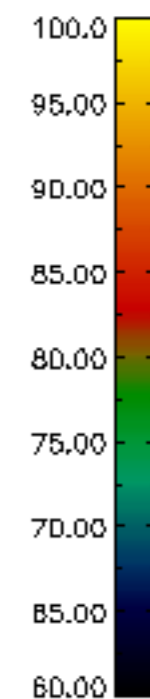
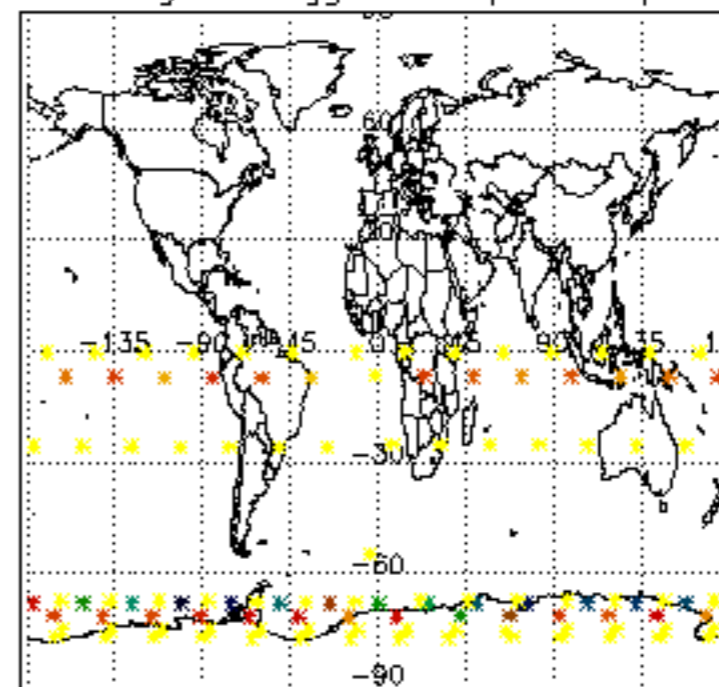
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-JUL-2008 00:03:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-JUL-2008 00:03:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-JUL-2008 00:03:33



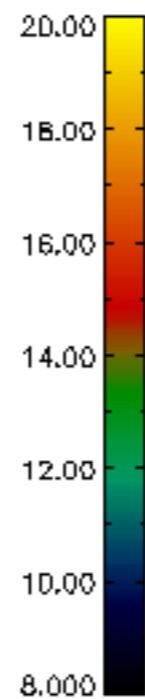
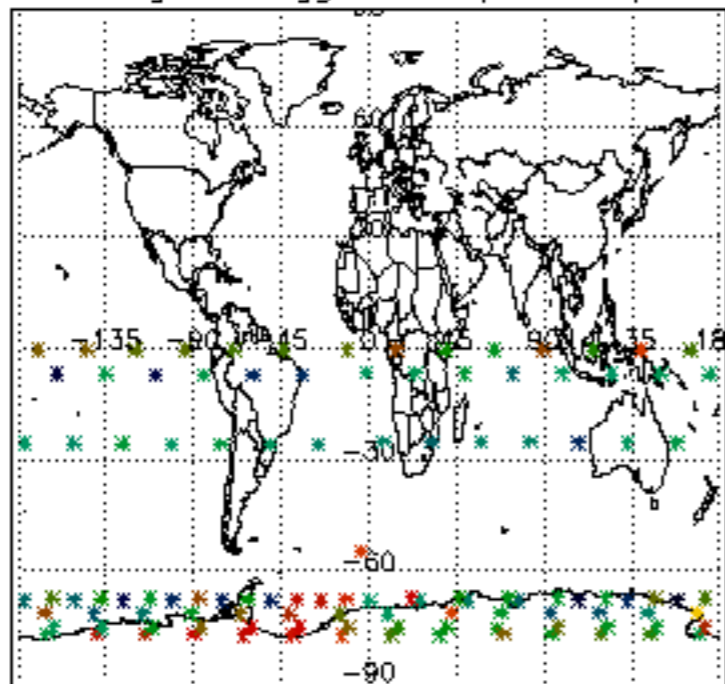
Percentage of flagged data per D3 profile



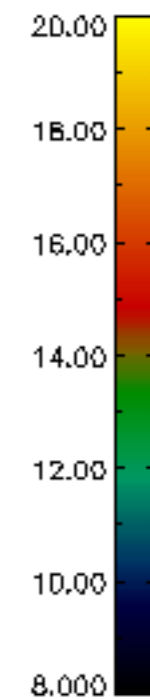
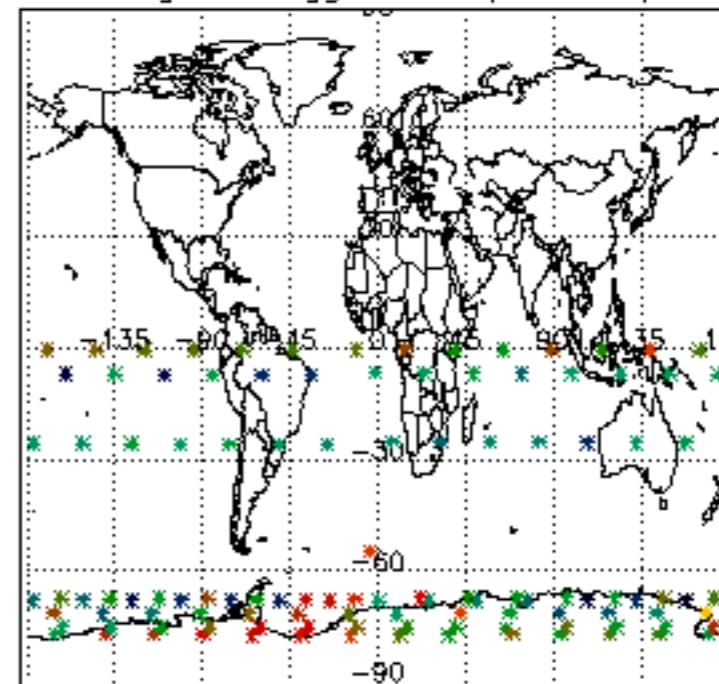
Percentage of flagged data per H2O profile

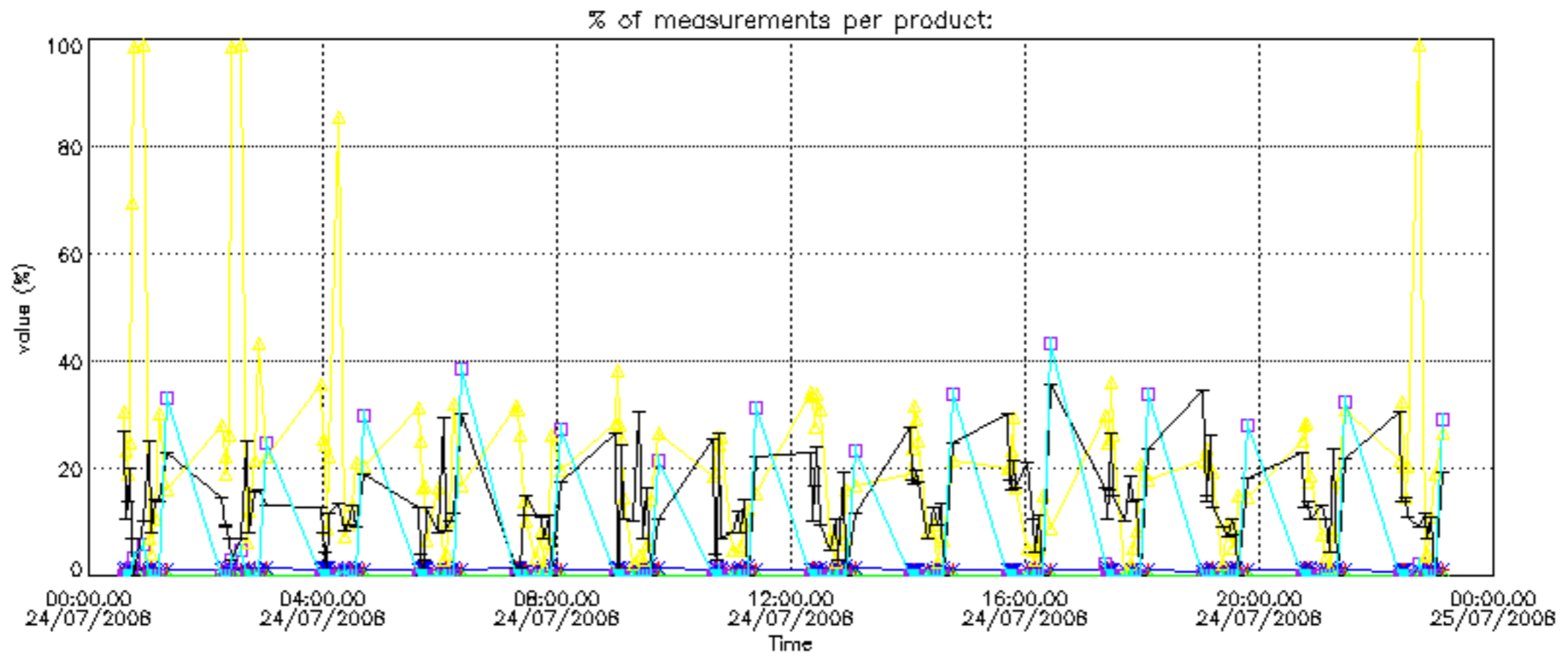


Percentage of flagged data per NO2 profile

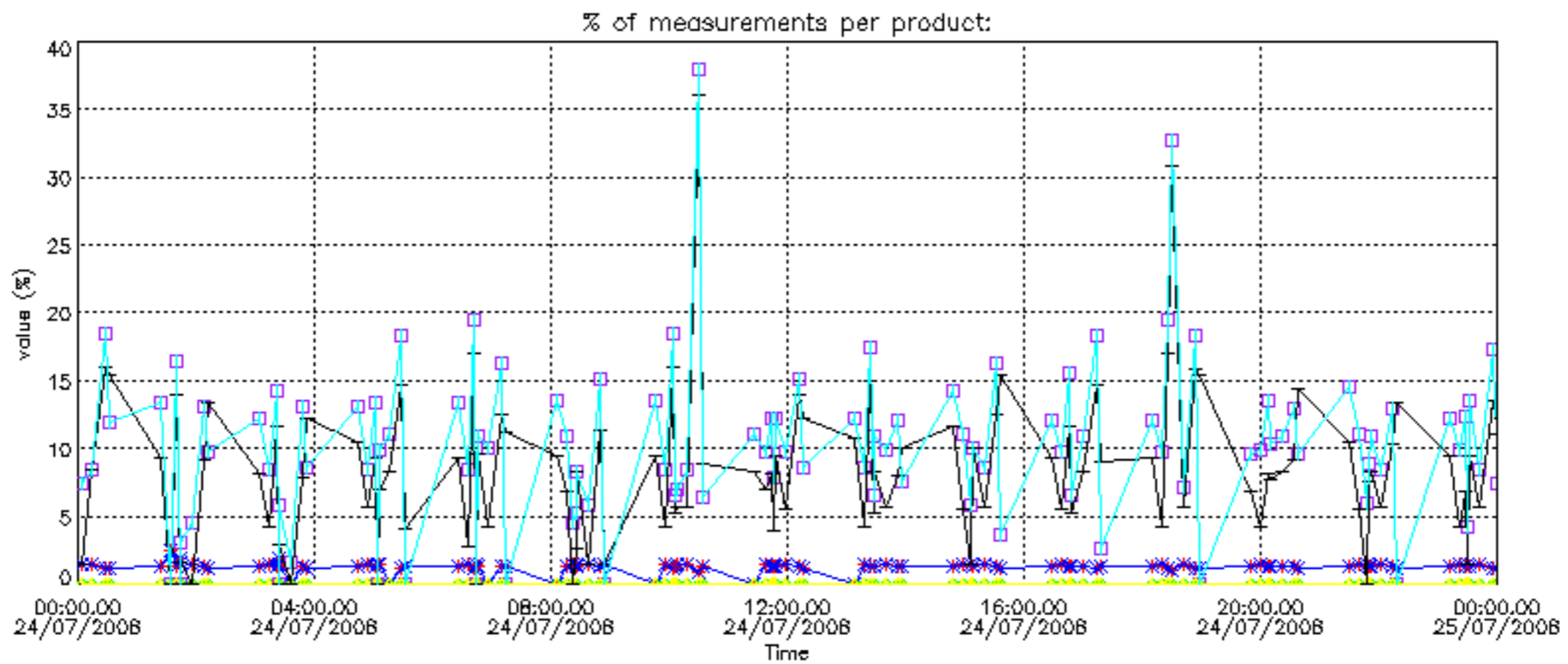


Percentage of flagged data per NO3 profile

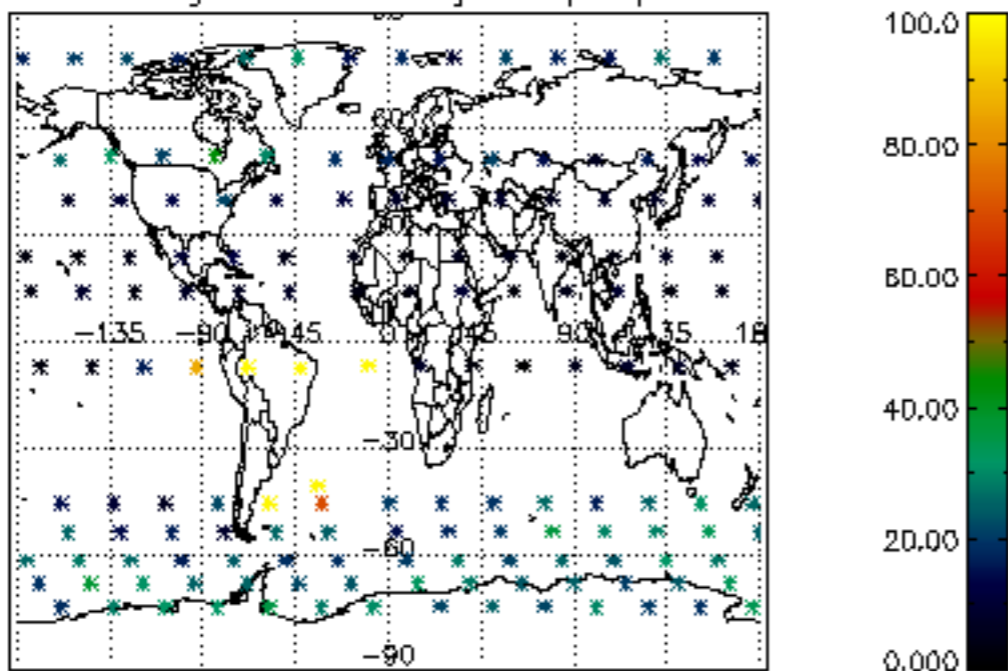




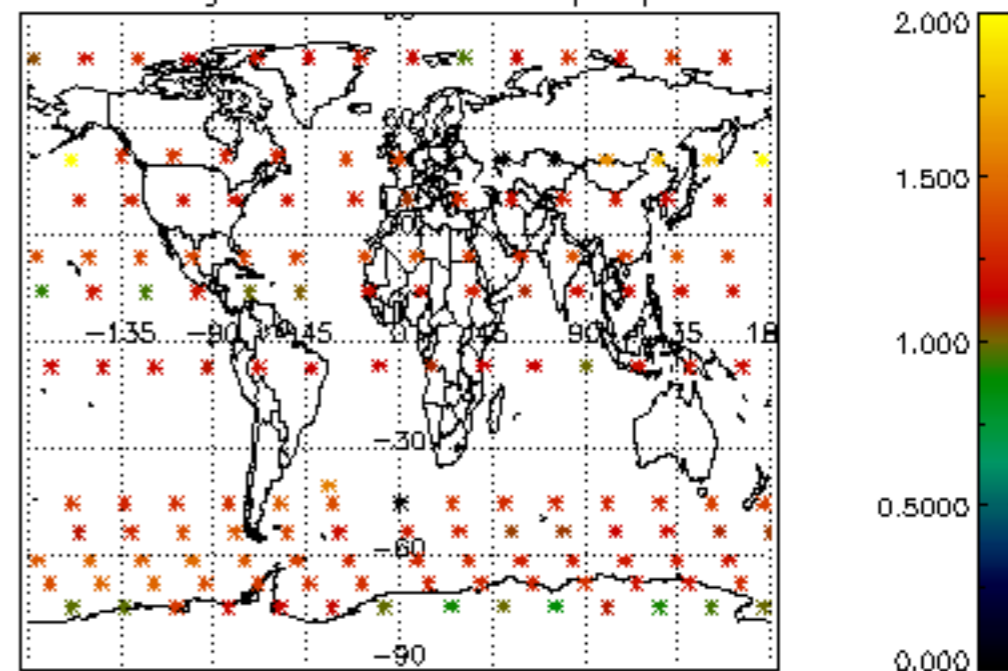




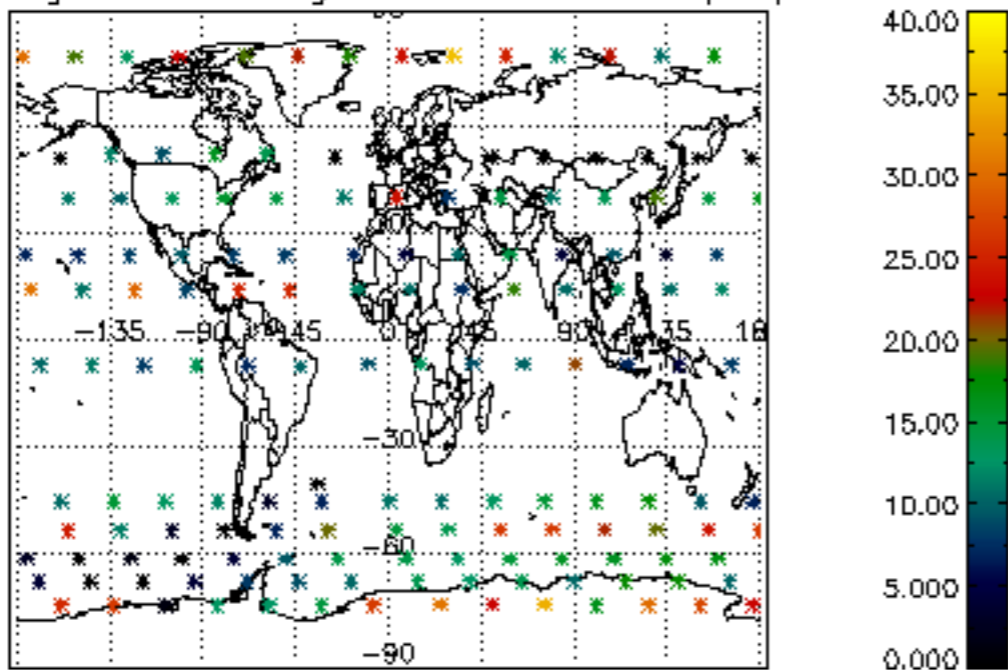
Percentage of cosmic ray hits per profile



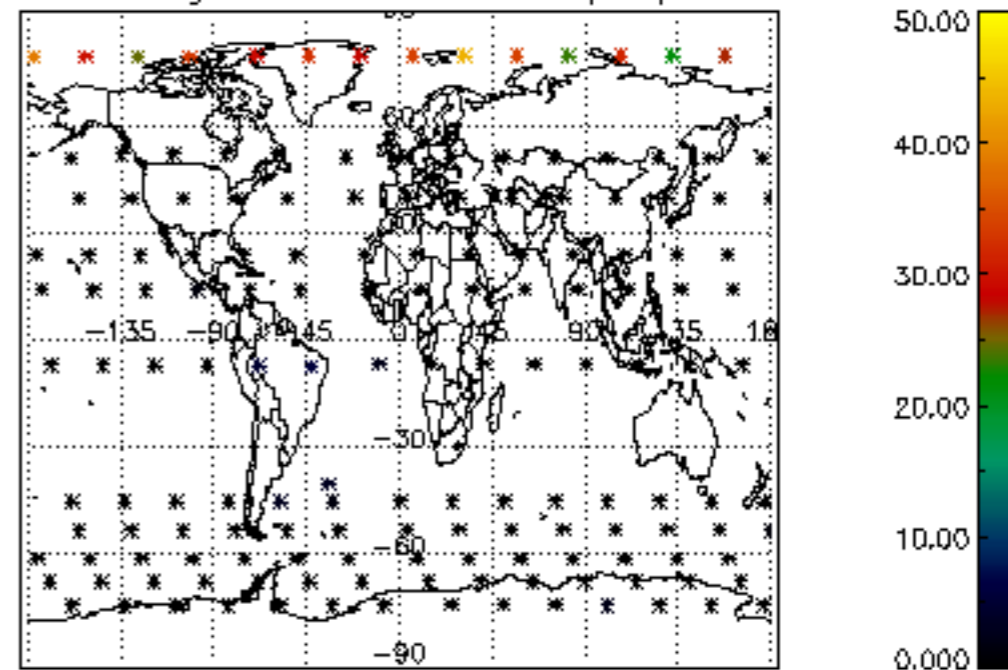
Percentage of datation errors per profile



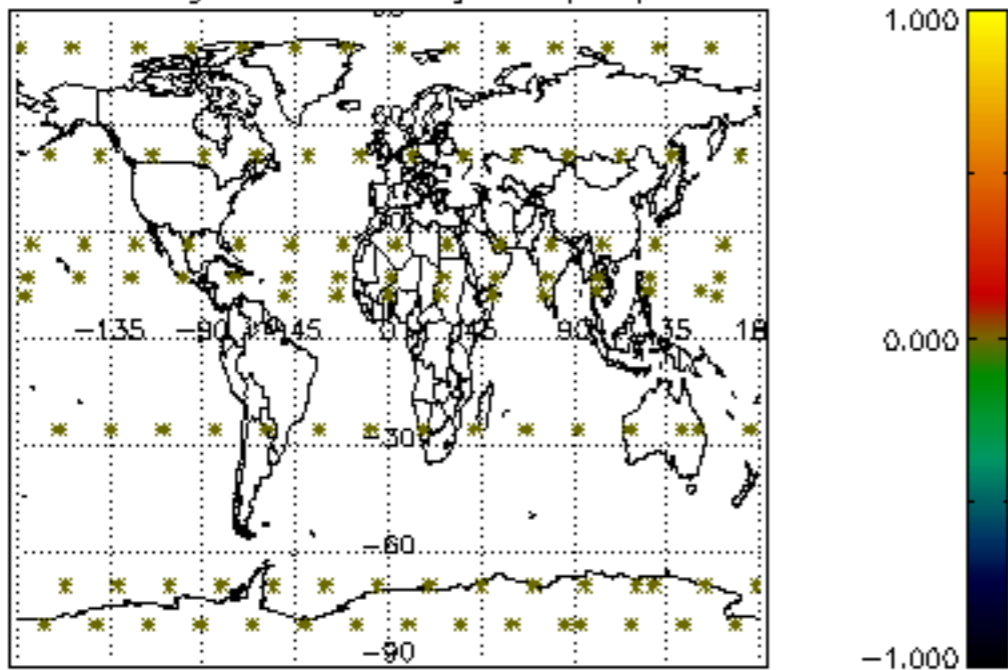
Percentage of star falling outside central band per profile



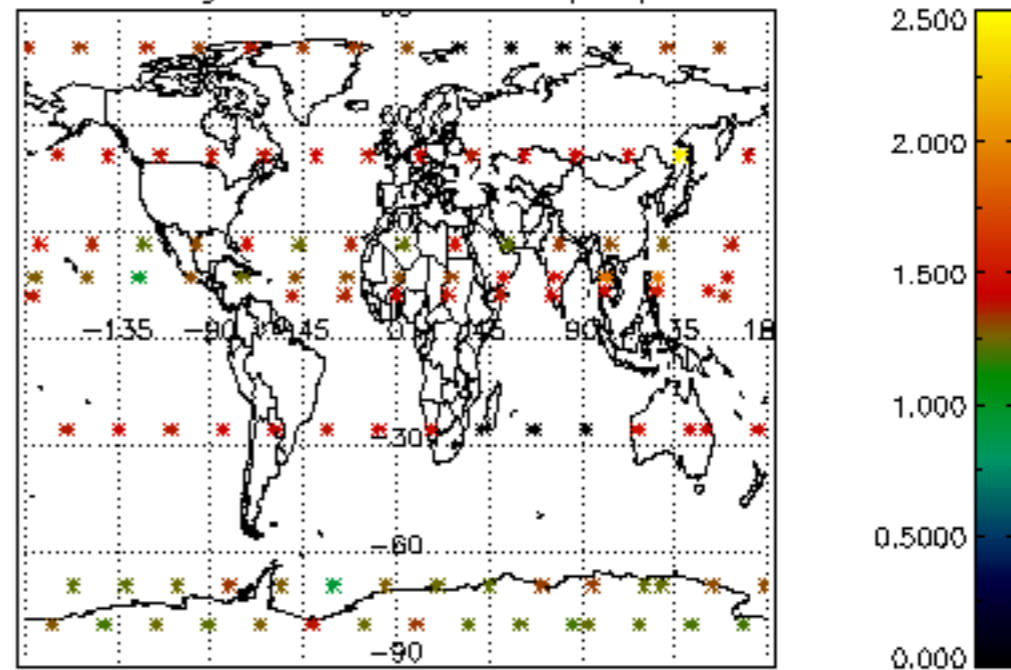
Percentage of saturation errors per profile



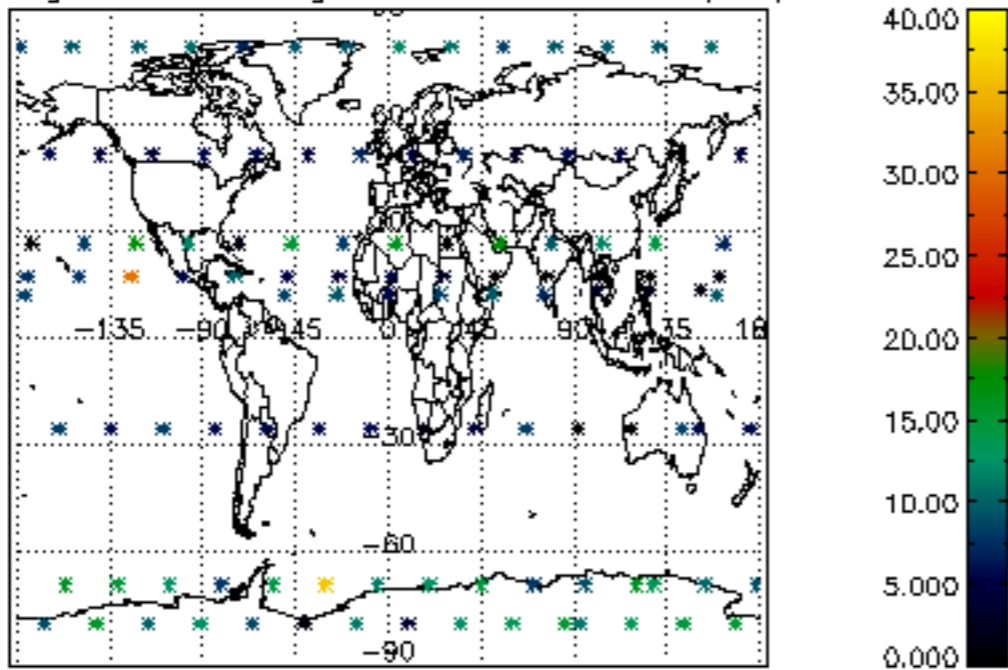
Percentage of cosmic ray hits per profile



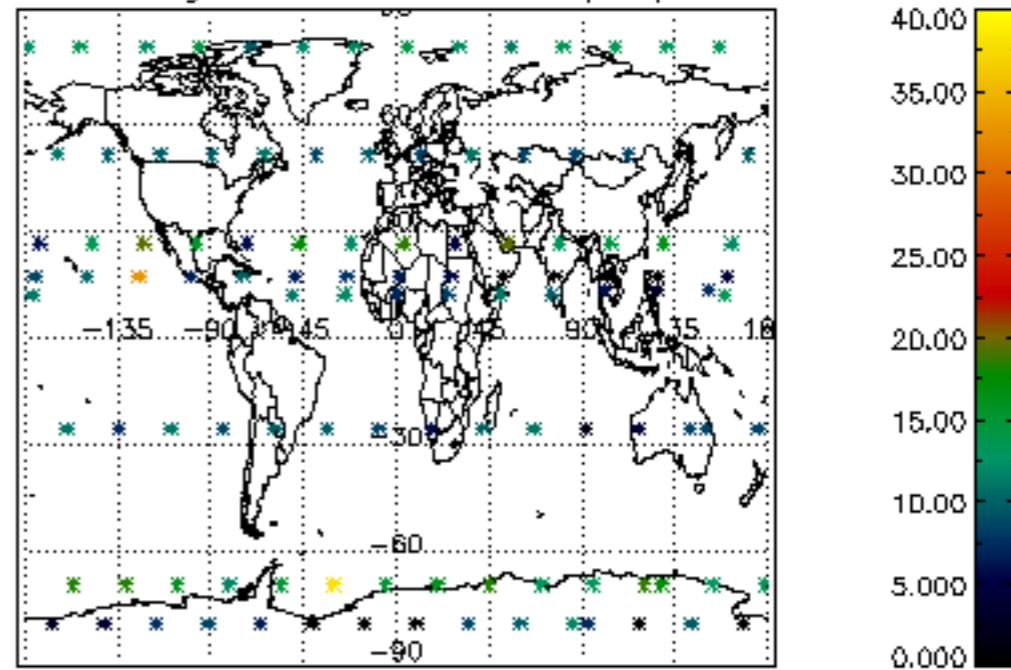
Percentage of datation errors per profile

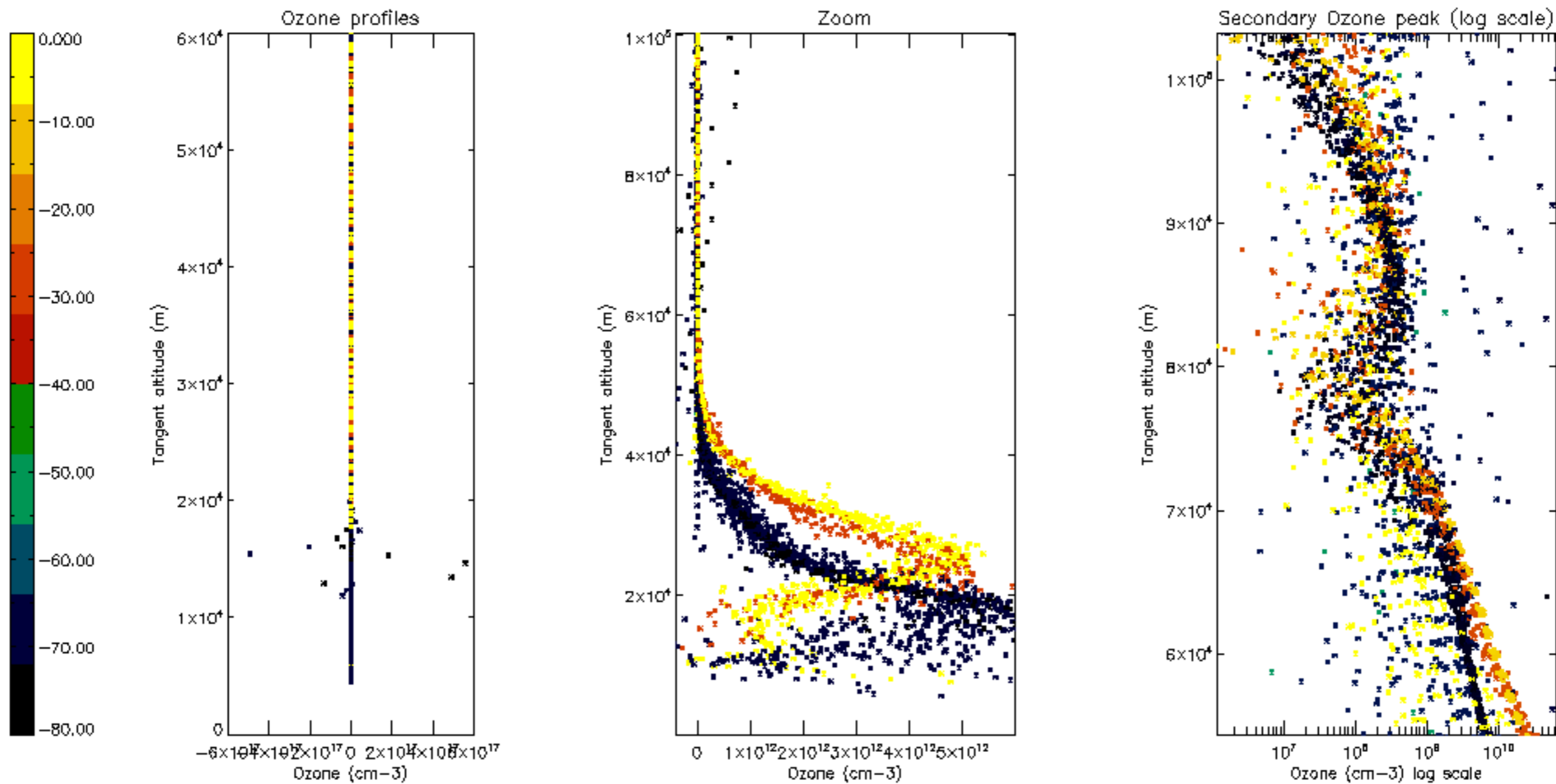


Percentage of star falling outside central band per profile

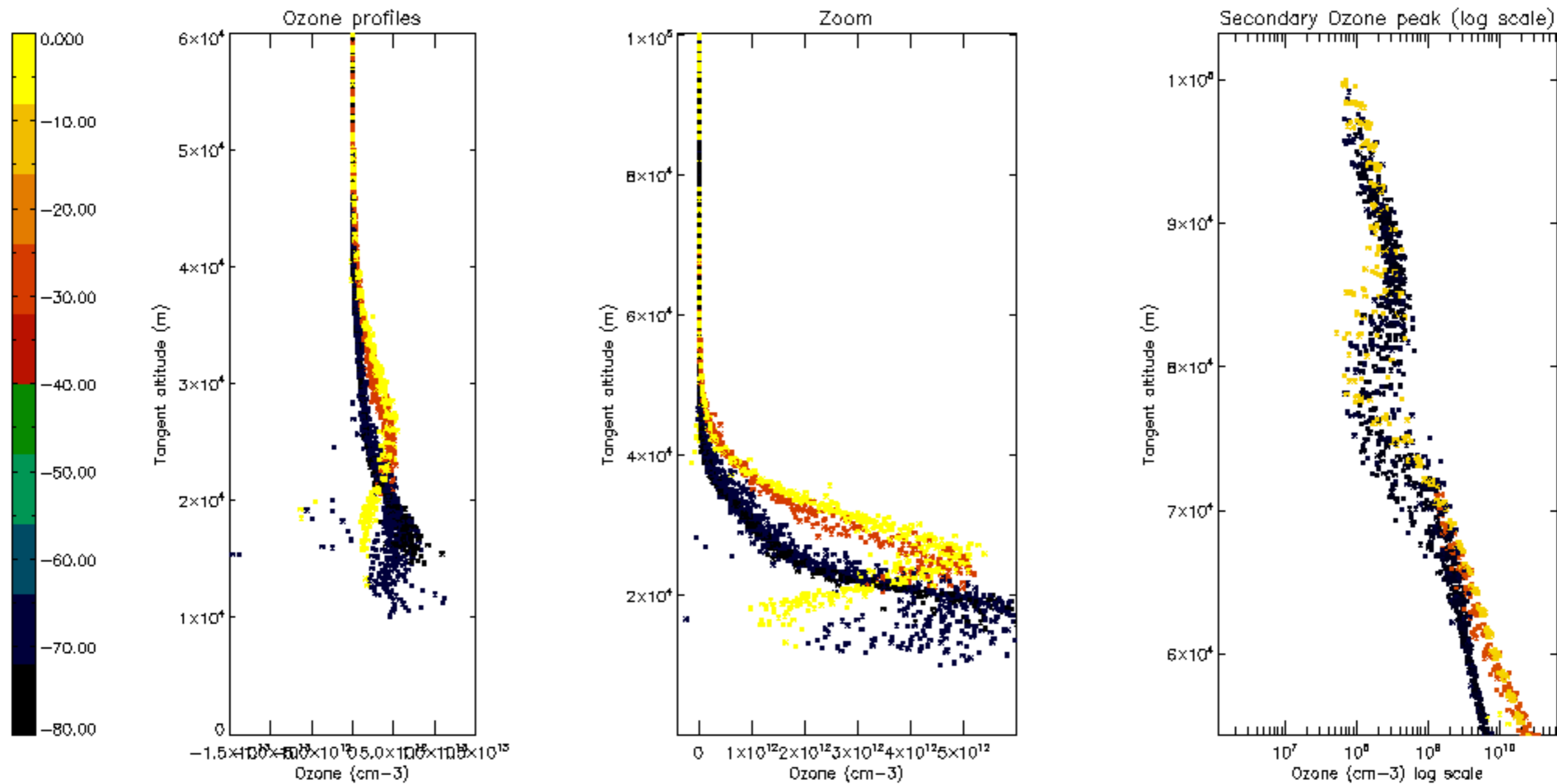


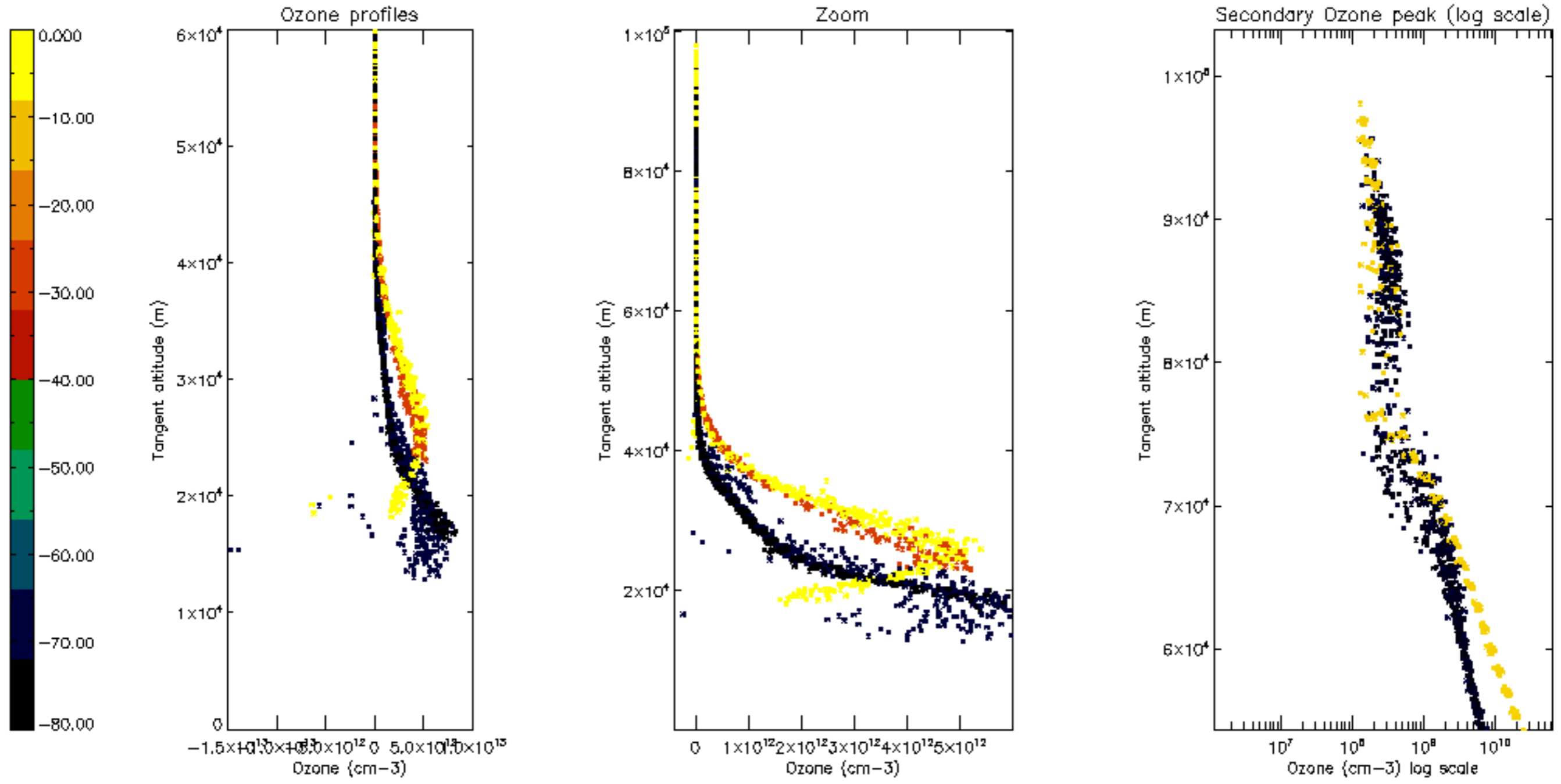
Percentage of saturation errors per profile

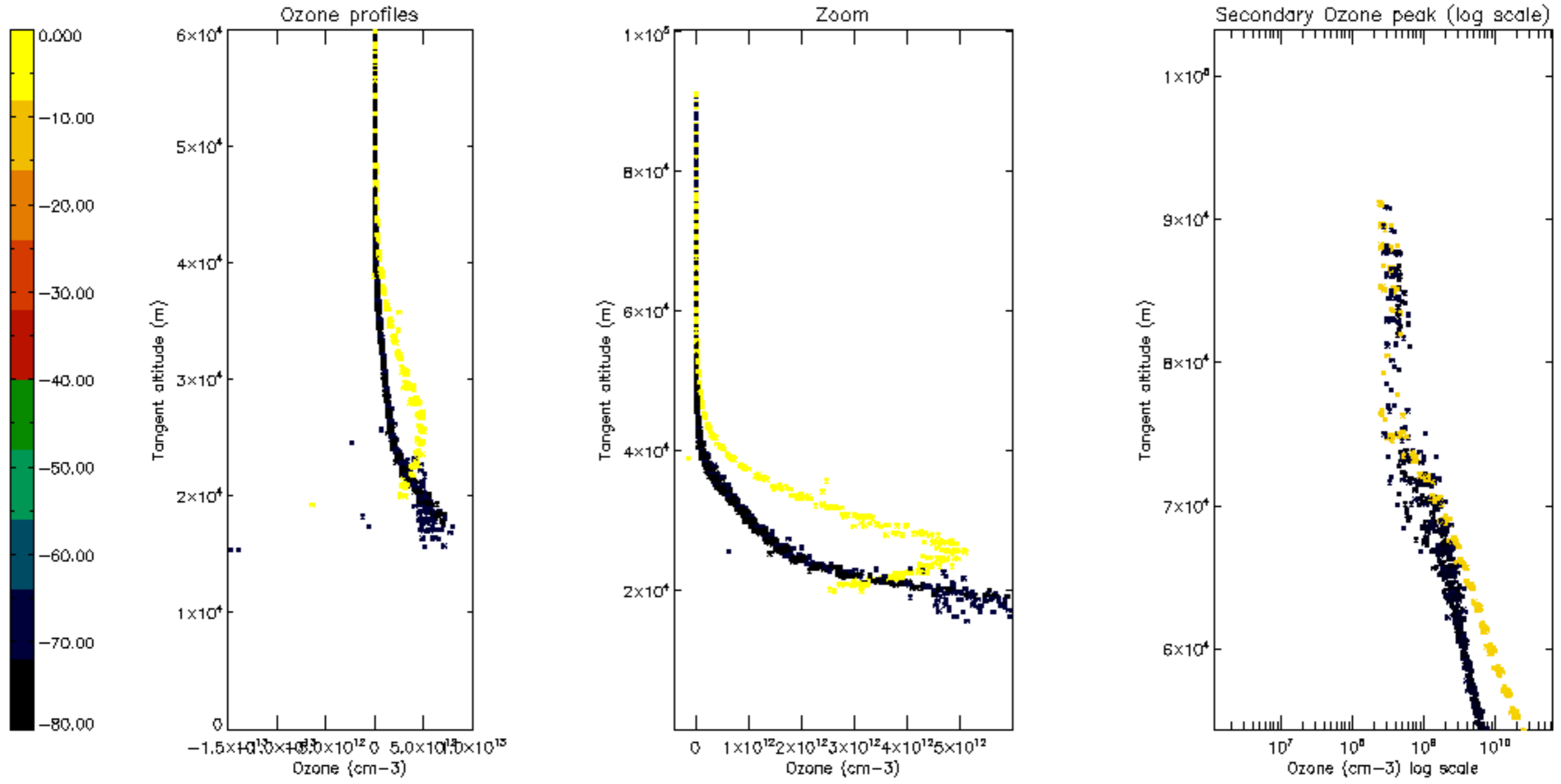


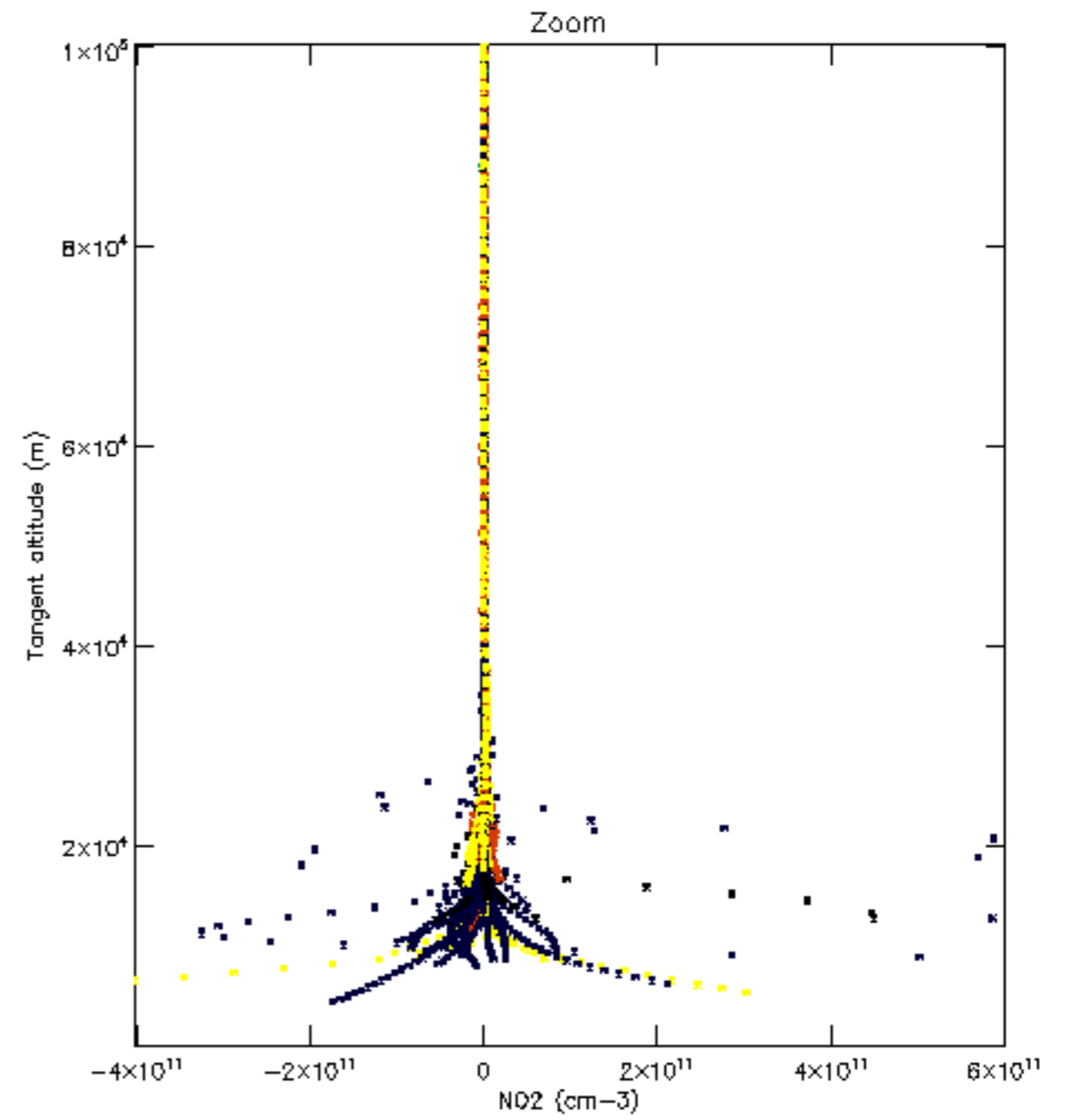
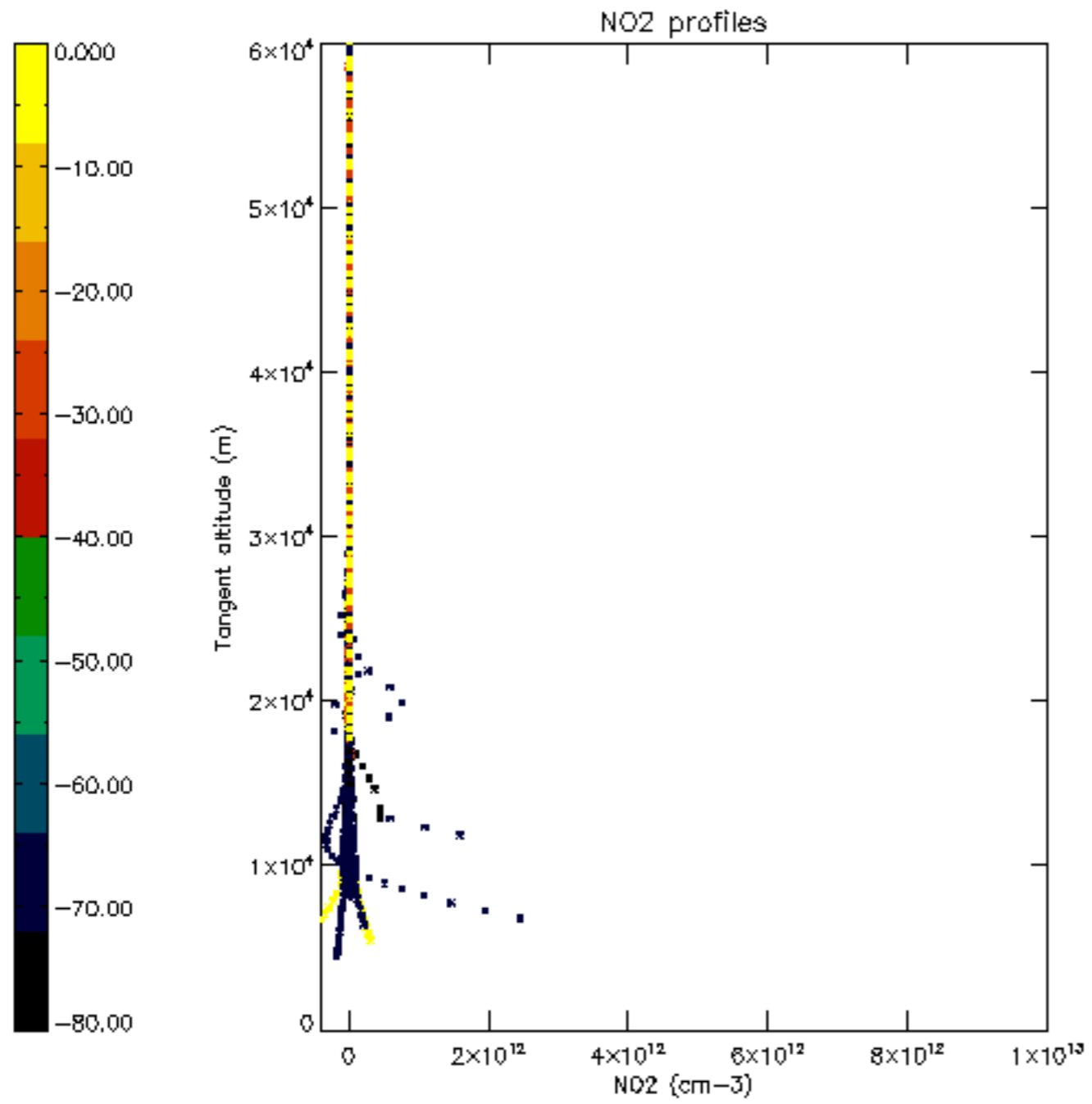




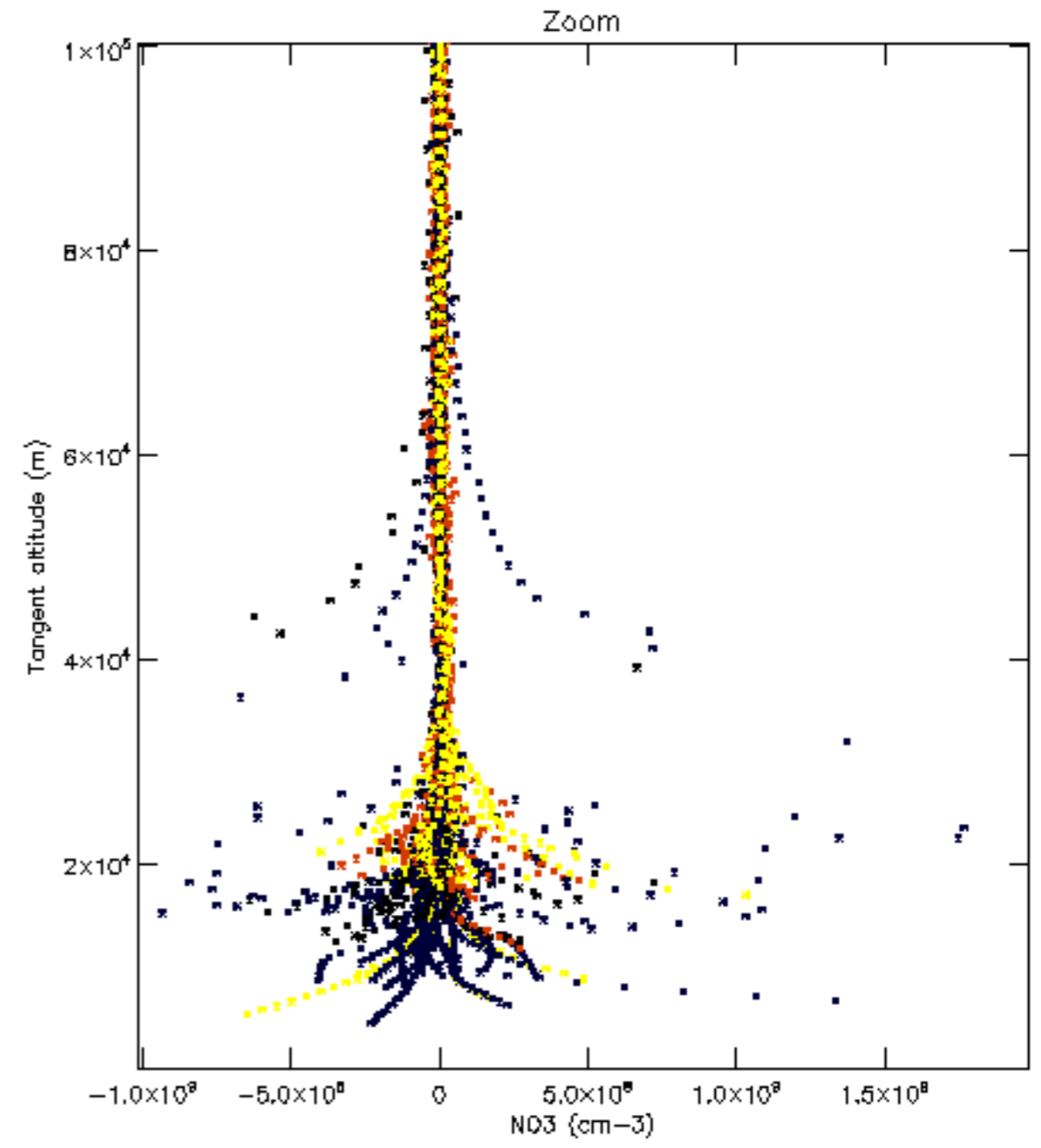
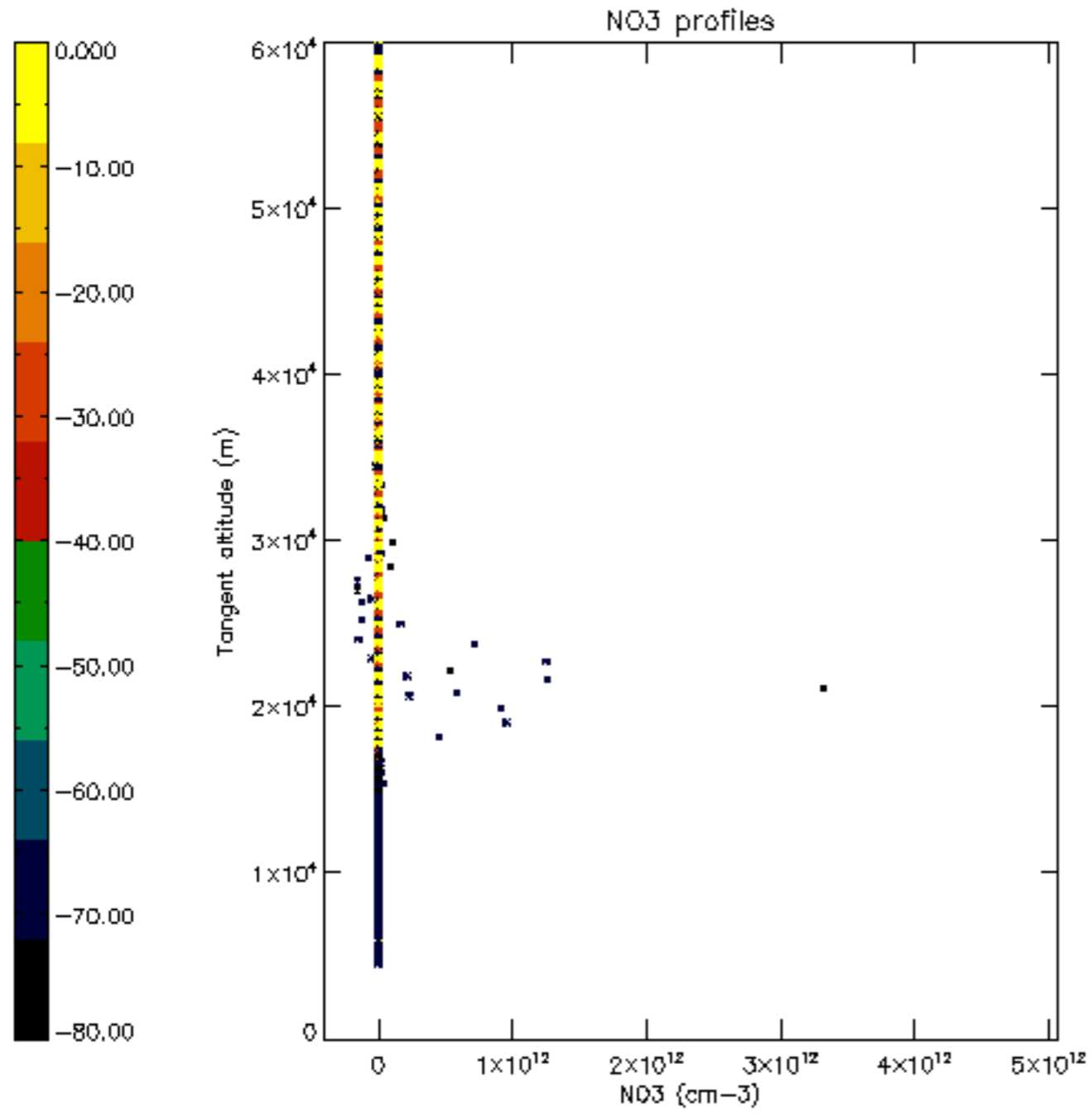


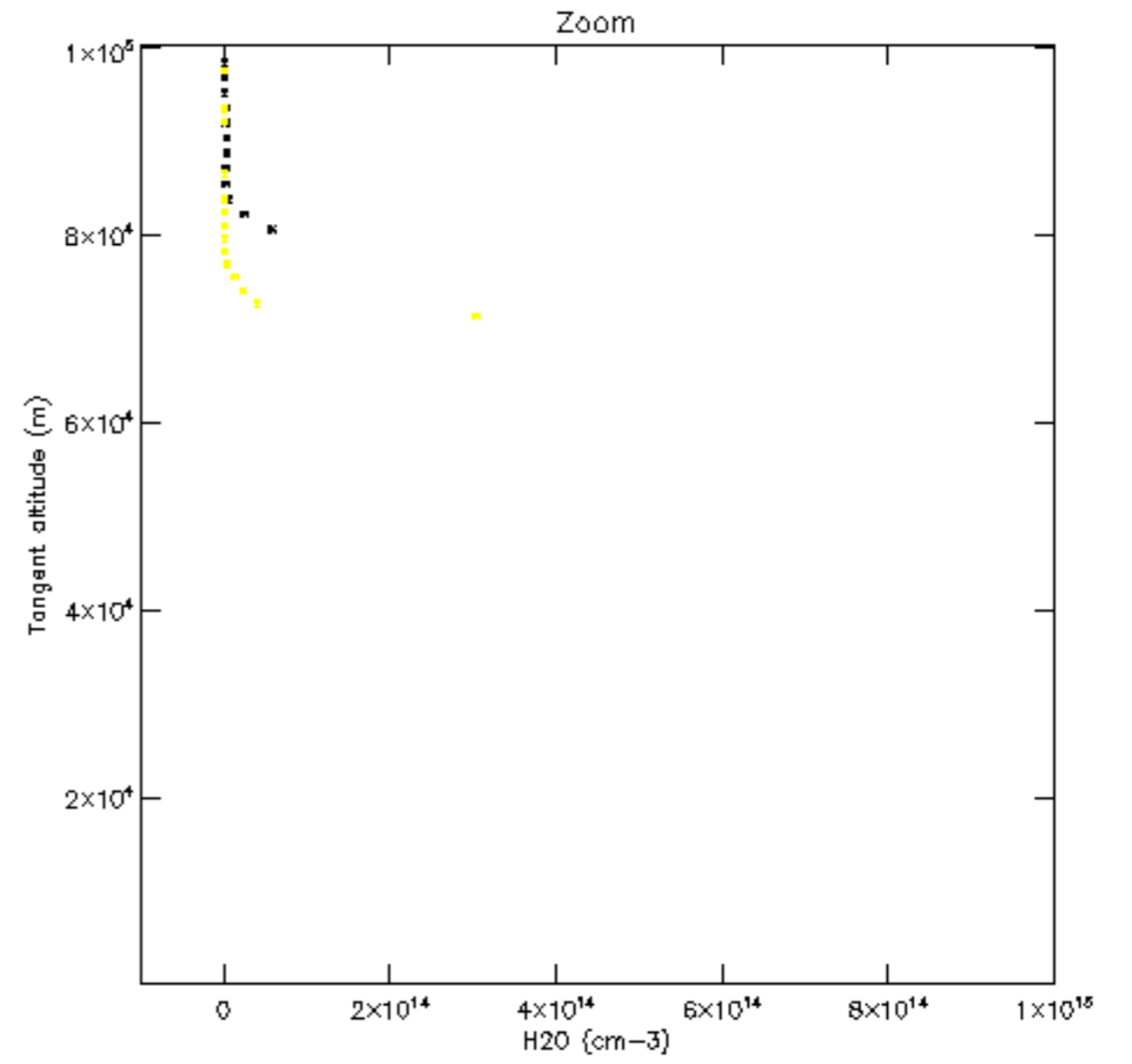
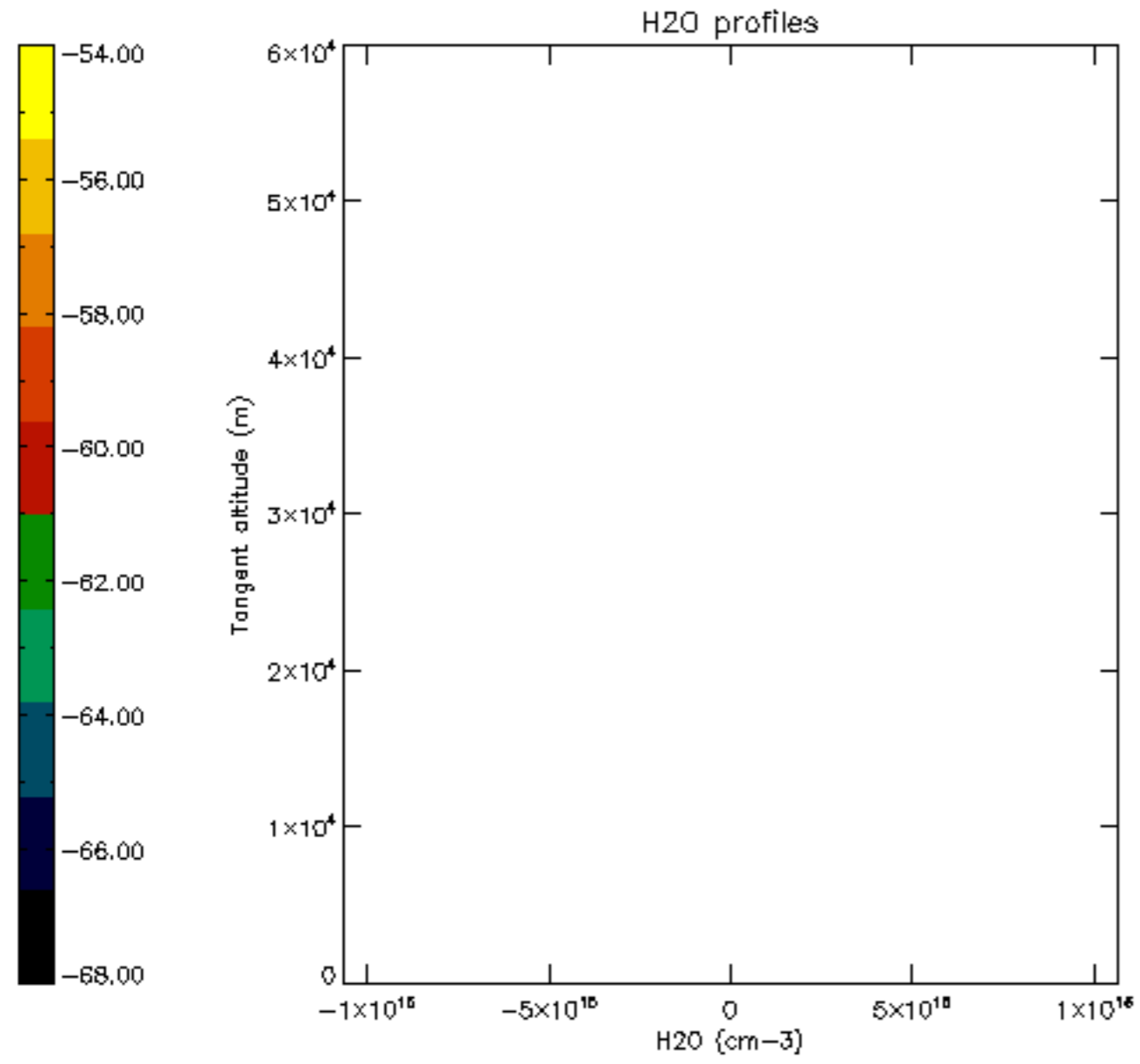


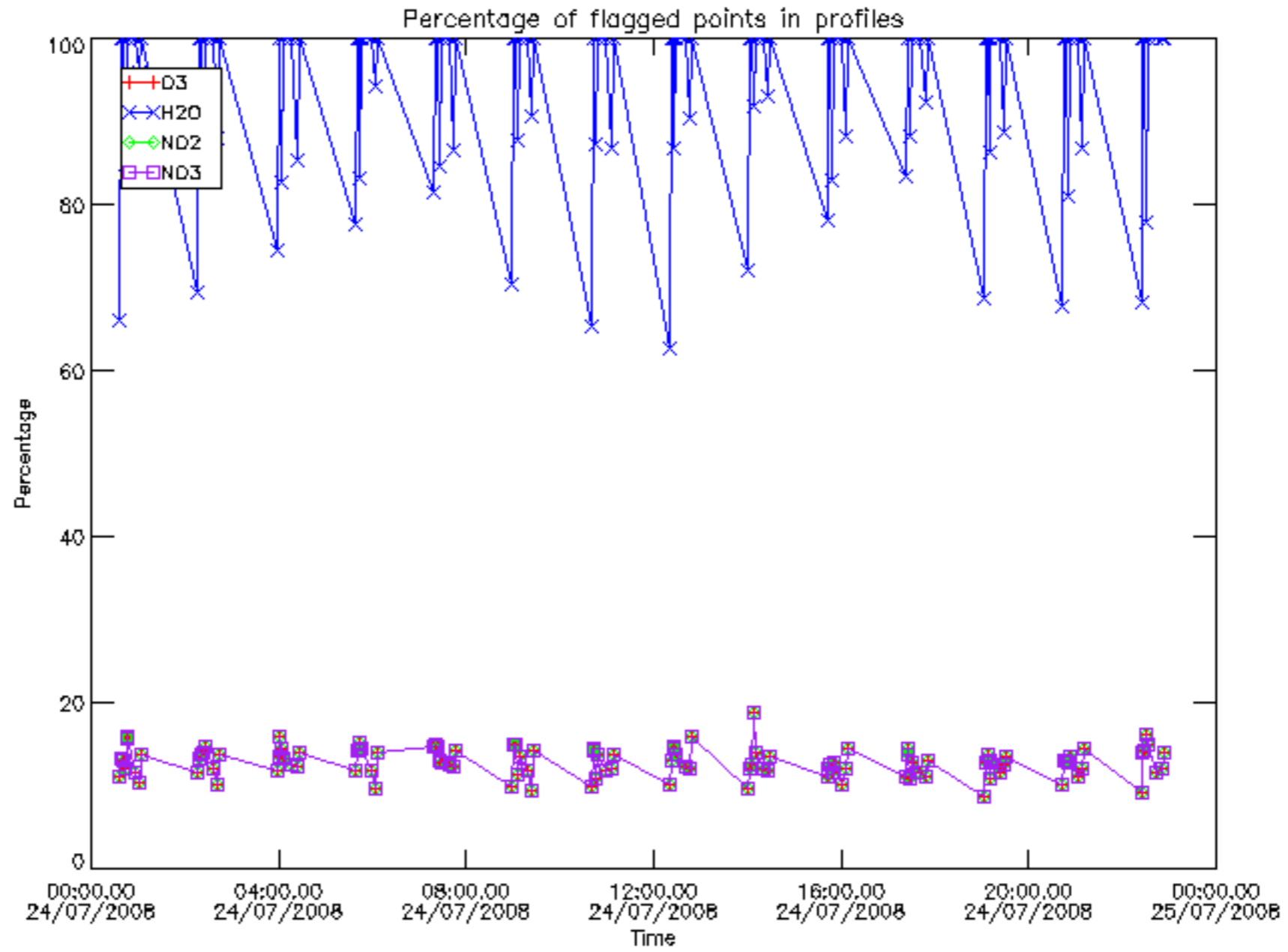




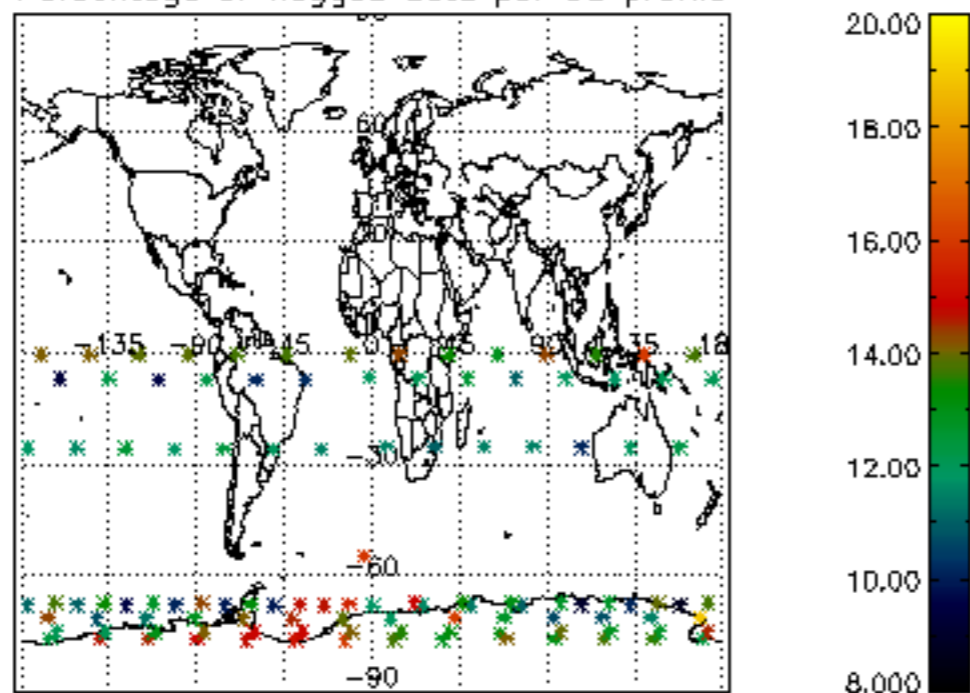




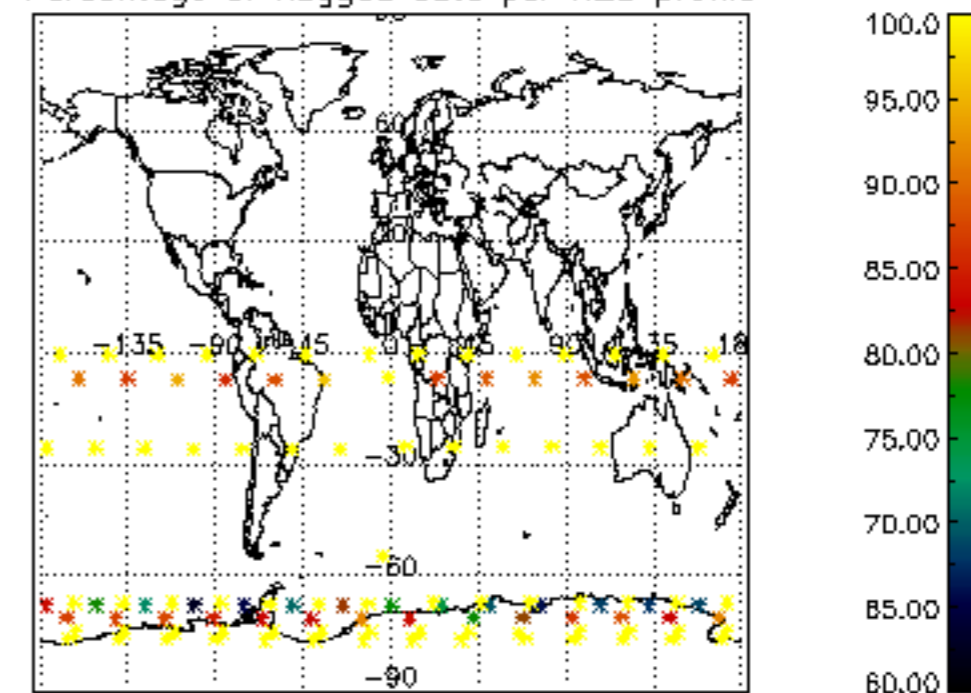




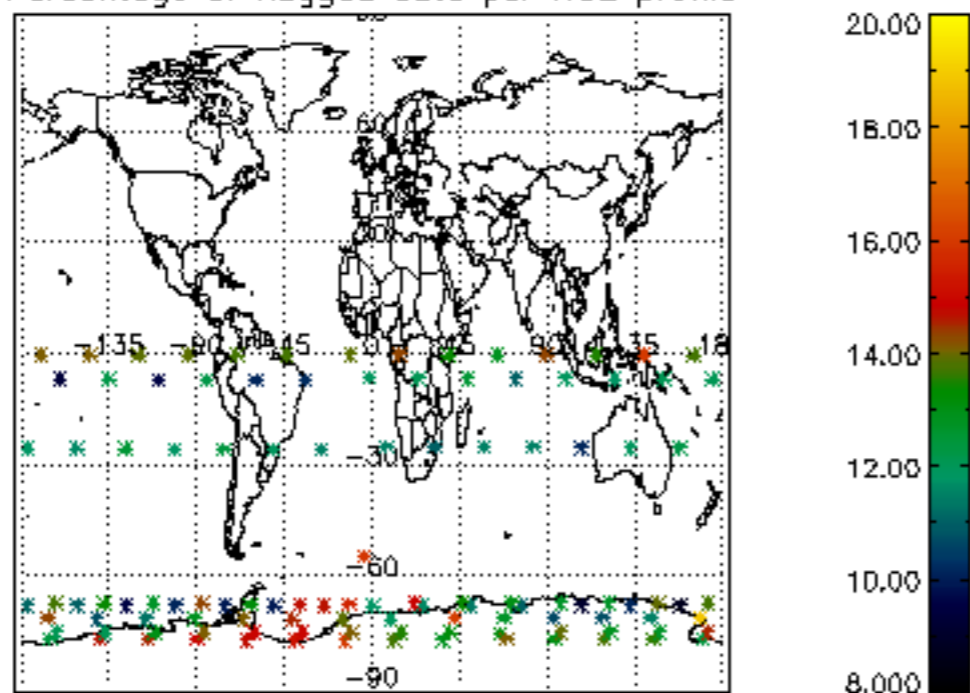
Percentage of flagged data per D3 profile



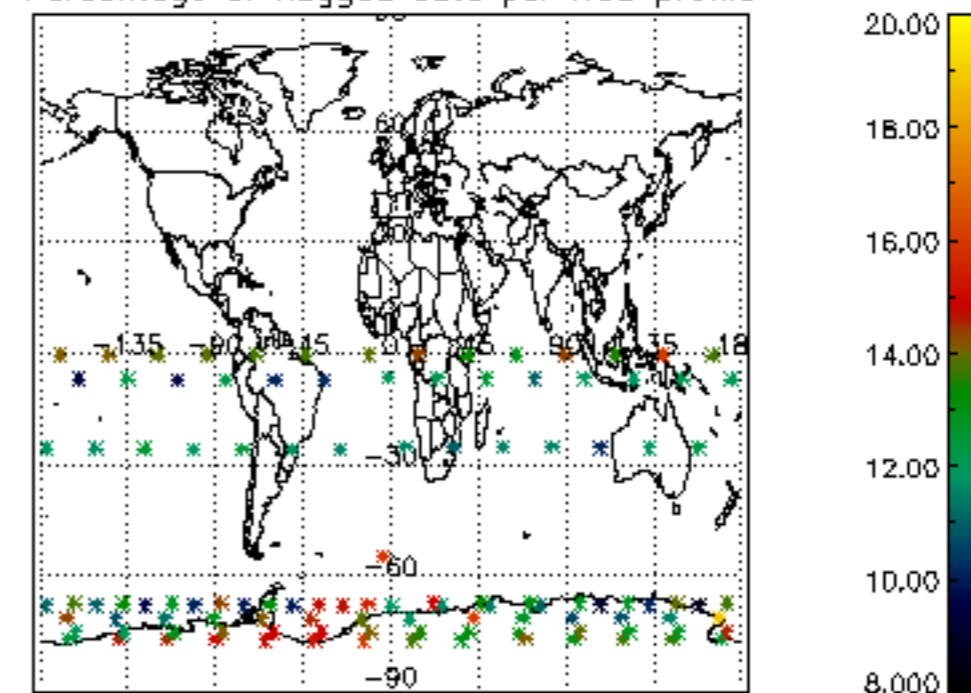
Percentage of flagged data per H2O profile



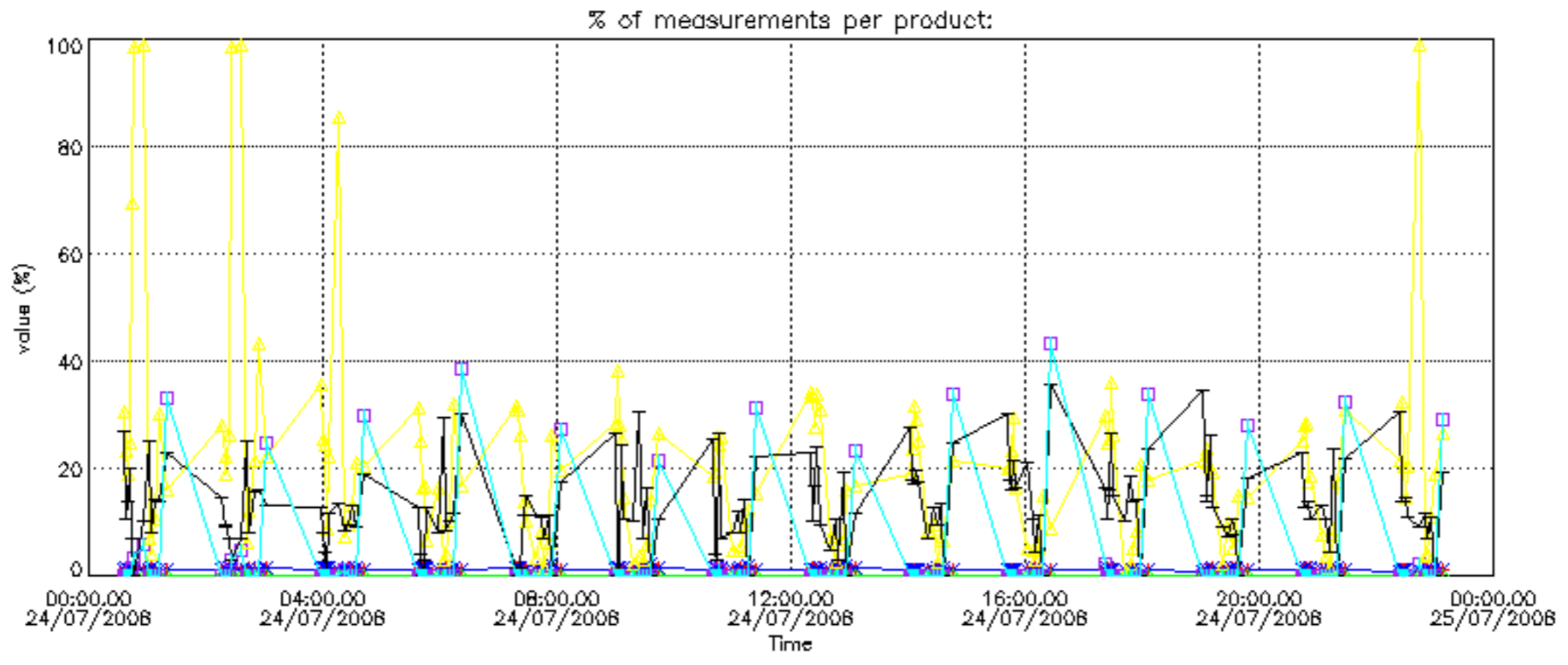
Percentage of flagged data per NO2 profile

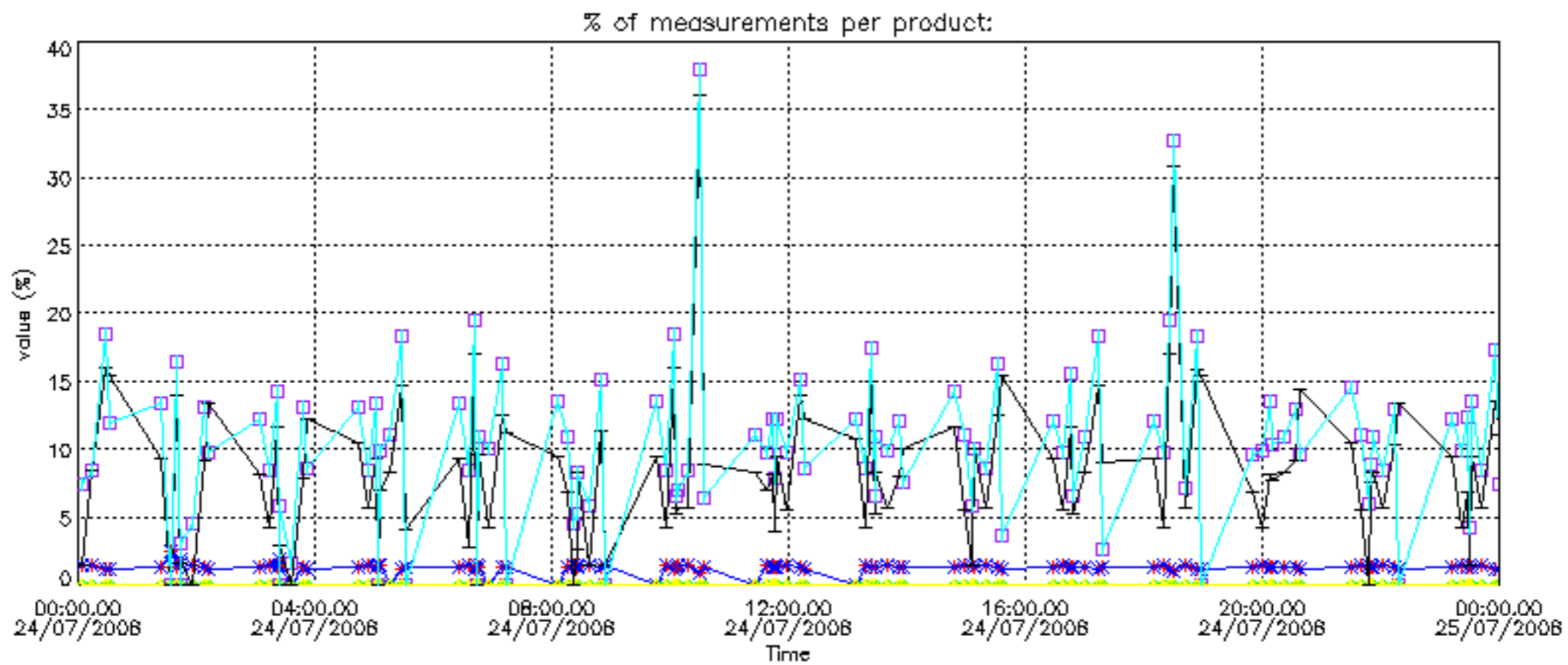


Percentage of flagged data per NO3 profile

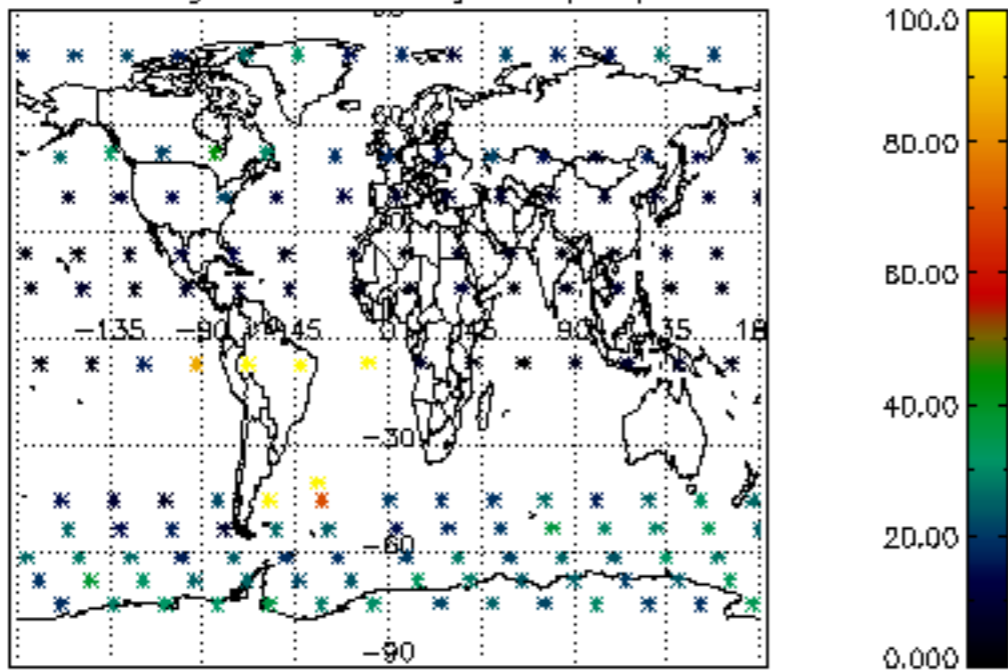




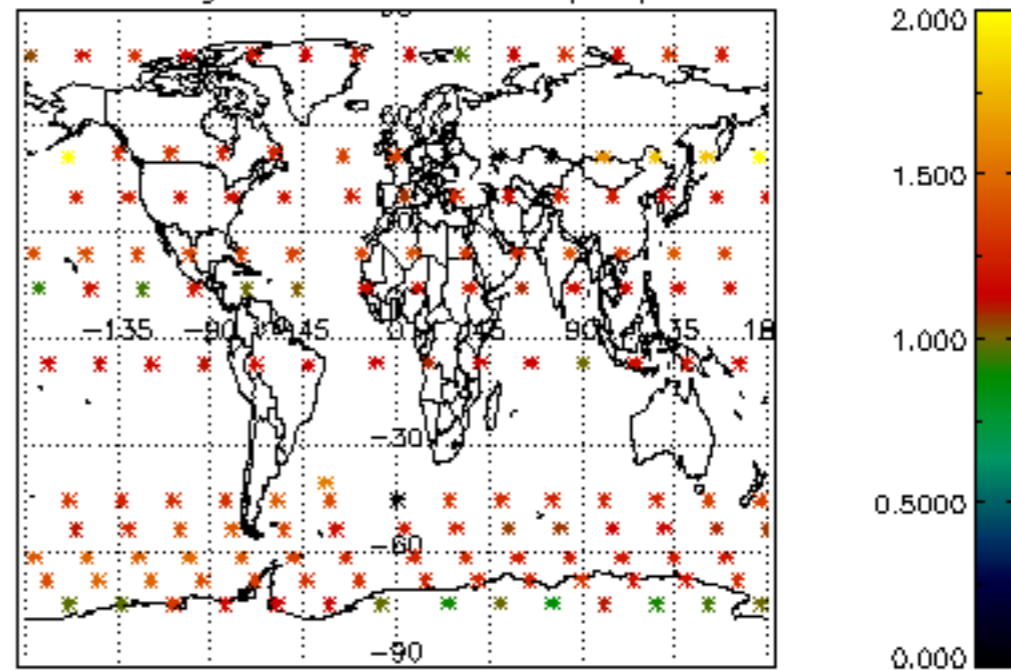




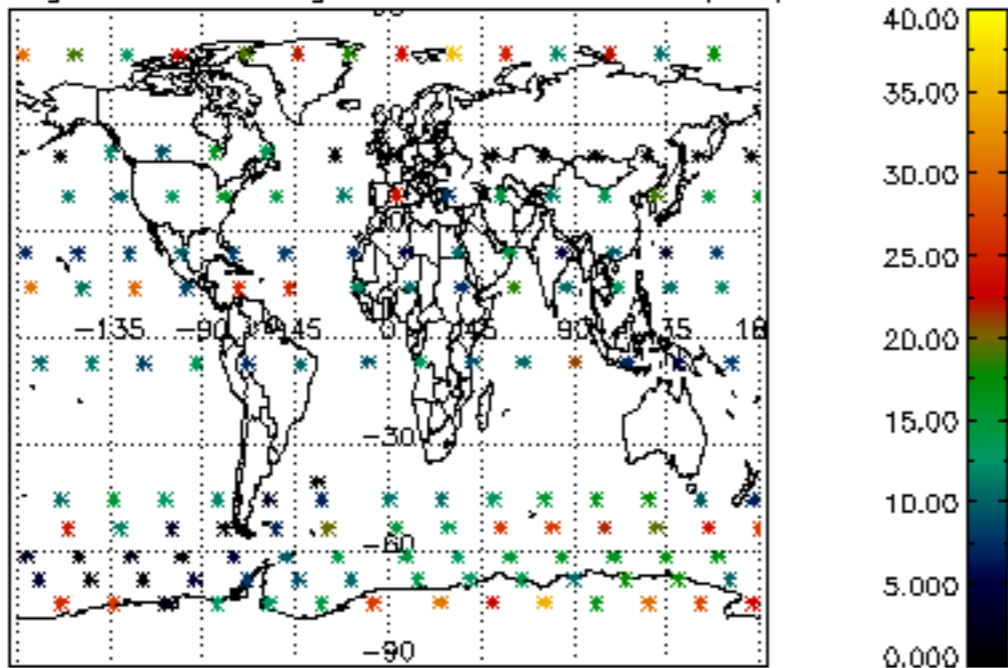
Percentage of cosmic ray hits per profile



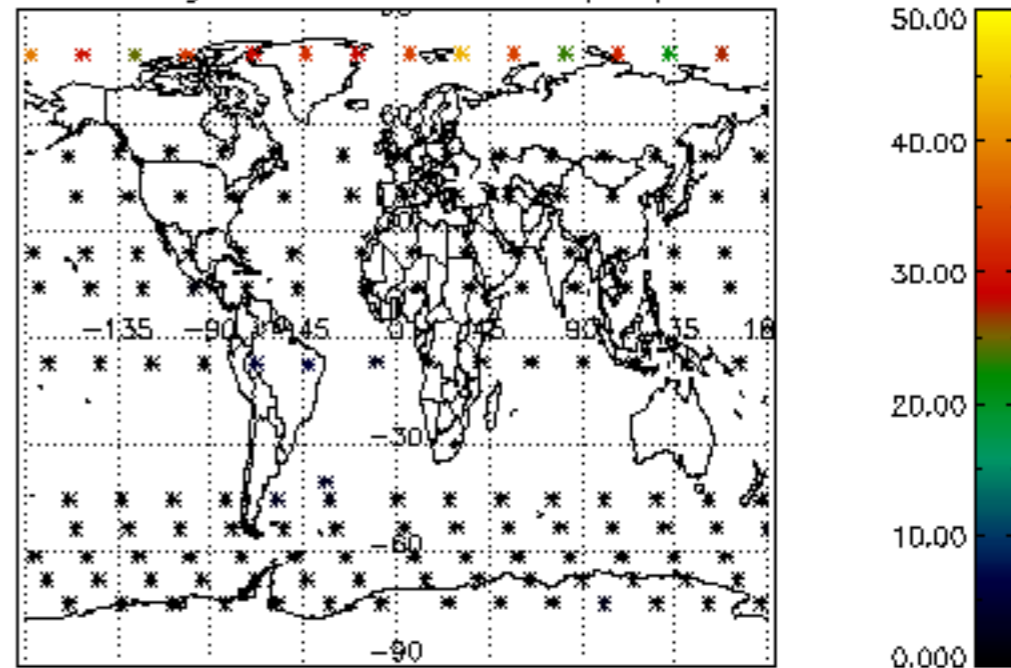
Percentage of datation errors per profile



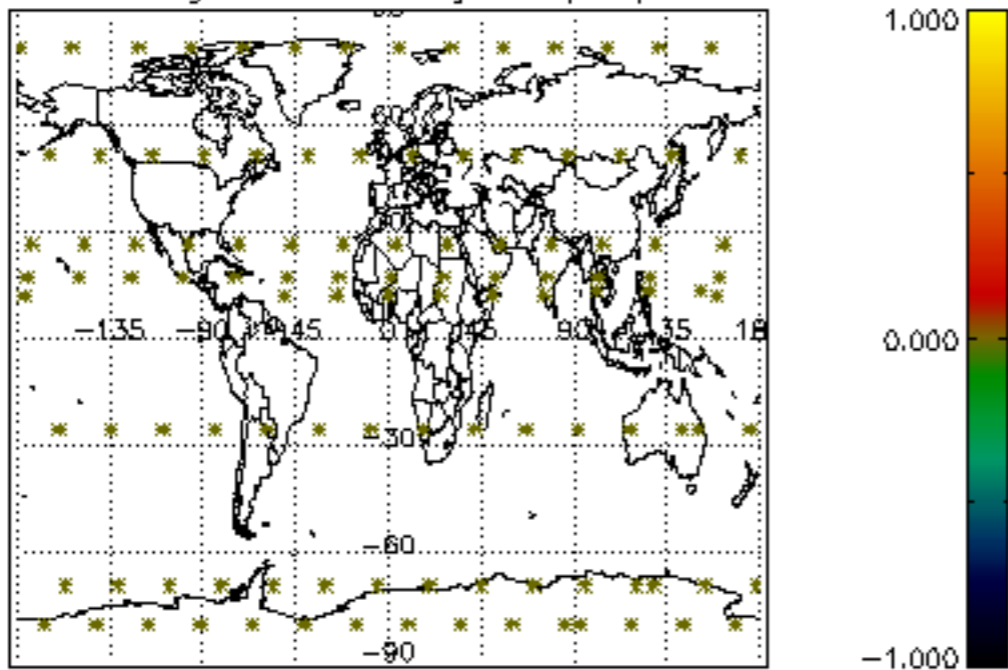
Percentage of star falling outside central band per profile



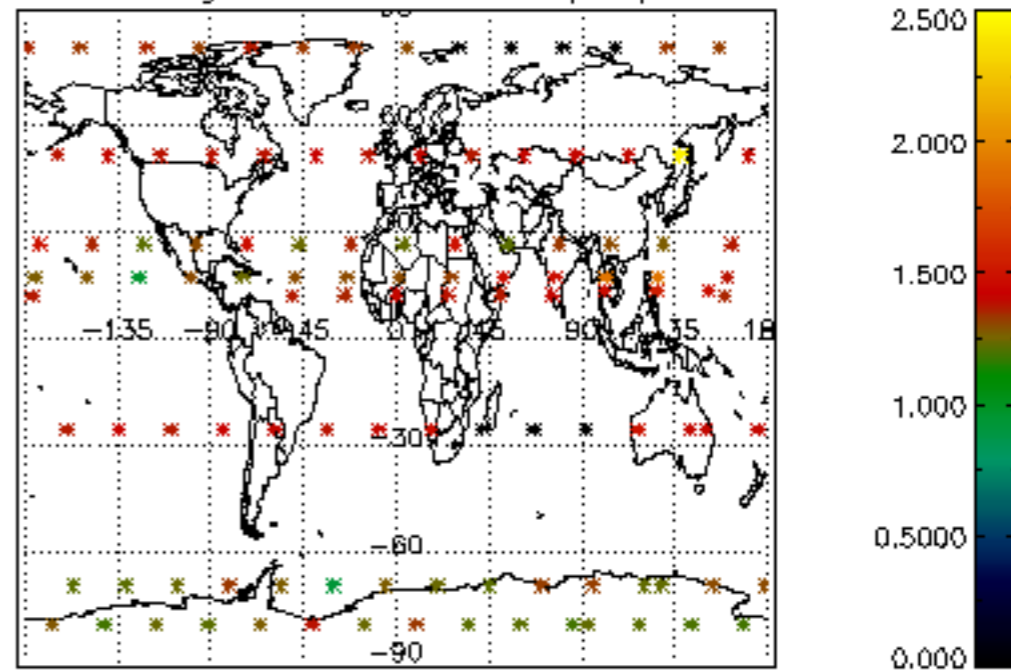
Percentage of saturation errors per profile



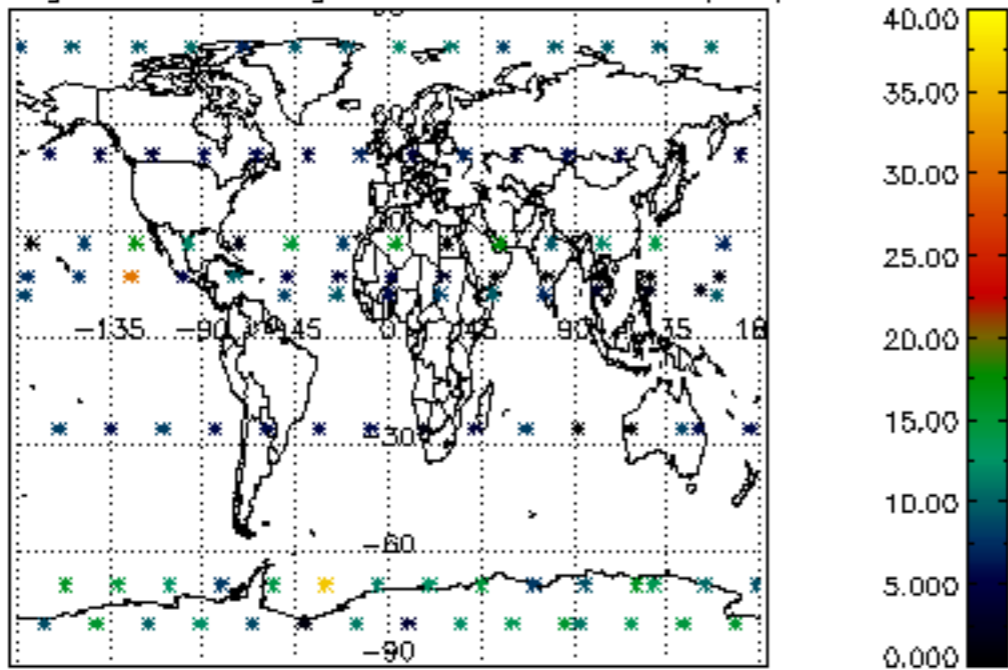
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

