

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 11:27:31
Data source version	GOMOS/6.01
Start time of products	09-03-2008 (09MAR2008 00:00:00)
Stop time of products	10-03-2008 (10MAR2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	322
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__2PRFIN20080309_000027_000000392066_00374_31490_1751.N1	09-MAR-2008 00:00:27	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	31490	No
2	GOM_NL__2PRFIN20080309_000843_000000472066_00374_31490_1752.N1	09-MAR-2008 00:08:43	Bright	46.500	174	52Psi UMa	3.0040	4400.0	93	31490	No
3	GOM_NL__2PRFIN20080309_001145_000000402066_00374_31490_1753.N1	09-MAR-2008 00:11:45	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	31490	No
4	GOM_NL__2PRFIN20080309_001311_000000402066_00374_31490_1754.N1	09-MAR-2008 00:13:11	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31490	No
5	GOM_NL__2PRFIN20080309_002023_000000412066_00374_31490_1755.N1	09-MAR-2008 00:20:23	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	31490	No
6	GOM_NL__2PRFIN20080309_003020_000000492066_00374_31490_1756.N1	09-MAR-2008 00:30:20	Bright	49.000	69	33Gam Dra	2.2310	3800.0	98	31490	No
7	GOM_NL__2PRFIN20080309_003309_000000382066_00374_31490_1757.N1	09-MAR-2008 00:33:09	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	31490	No
8	GOM_NL__2PRFIN20080309_003428_000000352066_00374_31490_1758.N1	09-MAR-2008 00:34:28	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31490	No
9	GOM_NL__2PRFIN20080309_004334_000000482066_00374_31490_1759.N1	09-MAR-2008 00:43:34	Twilight	48.000	168	17Zet Aql	2.9860	11000.	96	31490	No
10	GOM_NL__2PRFIN20080309_005341_000000462066_00374_31490_1760.N1	09-MAR-2008 00:53:41	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	31490	No
11	GOM_NL__2PRFIN20080309_005856_000000472066_00374_31490_1761.N1	09-MAR-2008 00:58:56	Dark	46.500	38	20Eps Sgr	1.8360	11000.	93	31490	No
12	GOM_NL__2PRFIN20080309_010201_000000472066_00374_31490_1762.N1	09-MAR-2008 01:02:01	Dark	46.500	85	Kap Sco	2.4070	28000.	93	31490	No
13	GOM_NL__2PRFIN20080309_010517_000000462066_00375_31491_1754.N1	09-MAR-2008 01:05:17	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	31491	No
14	GOM_NL__2PRFIN20080309_010910_000000382066_00375_31491_1755.N1	09-MAR-2008 01:09:10	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31491	No
15	GOM_NL__2PRFIN20080309_011152_000000472066_00375_31491_1756.N1	09-MAR-2008 01:11:52	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	31491	No
16	GOM_NL__2PRFIN20080309_011308_000000472066_00375_31491_1757.N1	09-MAR-2008 01:13:08	Dark	47.000	10	Bet Cen	0.61000	28000.	94	31491	No
17	GOM_NL__2PRFIN20080309_011506_000000422066_00375_31491_1758.N1	09-MAR-2008 01:15:06	Dark	42.000	77	Eps Cen	2.3030	28000.	84	31491	No
18	GOM_NL__2PRFIN20080309_011632_000000542066_00375_31491_1759.N1	09-MAR-2008 01:16:32	Dark	54.000	26	Gam Cru	1.6240	2900.0	108	31491	No
19	GOM_NL__2PRFIN20080309_011809_000000442066_00375_31491_1760.N1	09-MAR-2008 01:18:09	Straylight	43.500	64	Gam Cen	2.2000	10600.	87	31491	No
20	GOM_NL__2PRFIN20080309_012005_000000532066_00375_31491_1761.N1	09-MAR-2008 01:20:05	Straylight	52.500	123	Iot Cen	2.7500	10200.	105	31491	No
21	GOM_NL__2PRFIN20080309_012711_000000542066_00375_31491_1762.N1	09-MAR-2008 01:27:11	Straylight	54.000	171	2Eps Crv	3.0010	4250.0	108	31491	No
22	GOM_NL__2PRFIN20080309_013839_000000402066_00375_31491_1763.N1	09-MAR-2008 01:38:39	Bright	40.000	22	32Alp Leo	1.3600	15200.	80	31491	No
23	GOM_NL__2PRFIN20080309_014103_000000412066_00375_31491_1764.N1	09-MAR-2008 01:41:03	Bright	41.000	51	41Gam1Leo	2.0100	4500.0	82	31491	No
24	GOM_NL__2PRFIN20080309_014919_000000422066_00375_31491_1765.N1	09-MAR-2008 01:49:19	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	31491	No
25	GOM_NL__2PRFIN20080309_015220_000000372066_00375_31491_1766.N1	09-MAR-2008 01:52:20	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	31491	No
26	GOM_NL__2PRFIN20080309_015347_000000402066_00375_31491_1767.N1	09-MAR-2008 01:53:47	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31491	No
27	GOM_NL__2PRFIN20080309_020059_000000402066_00375_31491_1768.N1	09-MAR-2008 02:00:59	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31491	No
28	GOM_NL__2PRFIN20080309_021056_000000482066_00375_31491_1769.N1	09-MAR-2008 02:10:56	Bright	47.500	69	33Gam Dra	2.2310	3800.0	95	31491	No
29	GOM_NL__2PRFIN20080309_021345_000000382066_00375_31491_1770.N1	09-MAR-2008 02:13:45	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	31491	No
30	GOM_NL__2PRFIN20080309_021504_000000372066_00375_31491_1771.N1	09-MAR-2008 02:15:04	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31491	No
31	GOM_NL__2PRFIN20080309_022411_000000472066_00375_31491_1772.N1	09-MAR-2008 02:24:11	Twilight	46.500	168	17Zet Aql	2.9860	11000.	93	31491	No
32	GOM_NL__2PRFIN20080309_023418_000000432066_00375_31491_1773.N1	09-MAR-2008 02:34:18	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	31491	No
33	GOM_NL__2PRFIN20080309_023614_000000462066_00375_31491_1774.N1	09-MAR-2008 02:36:14	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	31491	No
34	GOM_NL__2PRFIN20080309_023933_000000442066_00375_31491_1775.N1	09-MAR-2008 02:39:33	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	31491	No
35	GOM_NL__2PRFIN20080309_024238_000000452066_00375_31491_1776.N1	09-MAR-2008 02:42:38	Dark	45.000	85	Kap Sco	2.4070	28000.	90	31491	No
36	GOM_NL__2PRFIN20080309_024554_000000442066_00376_31492_1768.N1	09-MAR-2008 02:45:54	Dark	43.500	141	Bet Ara	2.8400	4600.0	87	31492	No
37	GOM_NL__2PRFIN20080309_024946_000000392066_00376_31492_1769.N1	09-MAR-2008 02:49:46	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31492	No
38	GOM_NL__2PRFIN20080309_025228_000000552066_00376_31492_1770.N1	09-MAR-2008 02:52:28	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	31492	No
39	GOM_NL__2PRFIN20080309_025345_000000502066_00376_31492_1771.N1	09-MAR-2008 02:53:45	Dark	49.500	10	Bet Cen	0.61000	28000.	99	31492	No
40	GOM_NL__2PRFIN20080309_025543_000000432066_00376_31492_1772.N1	09-MAR-2008 02:55:43	Dark	43.000	77	Eps Cen	2.3030	28000.	86	31492	No
41	GOM_NL__2PRFIN20080309_025709_000000532066_00376_31492_1773.N1	09-MAR-2008 02:57:09	Dark	52.500	26	Gam Cru	1.6240	2900.0	105	31492	No
42	GOM_NL__2PRFIN20080309_025845_000000432066_00376_31492_1774.N1	09-MAR-2008 02:58:45	Straylight	43.000	64	Gam Cen	2.2000	10600.	86	31492	No

43	GOM_NL__2PRFIN20080309_030042_00000542066_00376_31492_1775.N1	09-MAR-2008 03:00:42	Straylight	53.500	123	lot Cen	2.7500	10200.	107	31492	No
44	GOM_NL__2PRFIN20080309_030747_00000542066_00376_31492_1776.N1	09-MAR-2008 03:07:47	Straylight	53.500	171	2Eps Crv	3.0010	4250.0	107	31492	No
45	GOM_NL__2PRFIN20080309_031915_00000402066_00376_31492_1777.N1	09-MAR-2008 03:19:15	Bright	39.500	22	32Alp Leo	1.3600	15200.	79	31492	No
46	GOM_NL__2PRFIN20080309_032138_00000412066_00376_31492_1778.N1	09-MAR-2008 03:21:38	Bright	40.500	51	41Gam1Leo	2.0100	4500.0	81	31492	No
47	GOM_NL__2PRFIN20080309_032954_00000422066_00376_31492_1779.N1	09-MAR-2008 03:29:54	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	31492	No
48	GOM_NL__2PRFIN20080309_033256_00000382066_00376_31492_1780.N1	09-MAR-2008 03:32:56	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31492	No
49	GOM_NL__2PRFIN20080309_033422_00000422066_00376_31492_1781.N1	09-MAR-2008 03:34:22	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	31492	No
50	GOM_NL__2PRFIN20080309_034134_00000412066_00376_31492_1782.N1	09-MAR-2008 03:41:34	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31492	No
51	GOM_NL__2PRFIN20080309_035131_00000482066_00376_31492_1783.N1	09-MAR-2008 03:51:31	Bright	48.000	69	33Gam Dra	2.2310	3800.0	96	31492	No
52	GOM_NL__2PRFIN20080309_035421_00000552066_00376_31492_1784.N1	09-MAR-2008 03:54:21	Bright	54.500	144	18Del Cyg	2.8600	11000.	109	31492	No
53	GOM_NL__2PRFIN20080309_035540_00000372066_00376_31492_1785.N1	09-MAR-2008 03:55:40	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31492	No
54	GOM_NL__2PRFIN20080309_040447_00000472066_00376_31492_1786.N1	09-MAR-2008 04:04:47	Tw_i_and_stray	47.000	168	17Zet Aql	2.9860	11000.	94	31492	No
55	GOM_NL__2PRFIN20080309_041454_00000422066_00376_31492_1787.N1	09-MAR-2008 04:14:54	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	31492	No
56	GOM_NL__2PRFIN20080309_041651_00000432066_00376_31492_1788.N1	09-MAR-2008 04:16:51	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	31492	No
57	GOM_NL__2PRFIN20080309_042010_00000462066_00376_31492_1789.N1	09-MAR-2008 04:20:10	Dark	45.500	38	20Eps Sgr	1.8360	11000.	91	31492	No
58	GOM_NL__2PRFIN20080309_042315_00000472066_00376_31492_1790.N1	09-MAR-2008 04:23:15	Dark	47.000	85	Kap Sco	2.4070	28000.	94	31492	No
59	GOM_NL__2PRFIN20080309_042631_00000422066_00377_31493_1782.N1	09-MAR-2008 04:26:31	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31493	No
60	GOM_NL__2PRFIN20080309_043023_00000402066_00377_31493_1783.N1	09-MAR-2008 04:30:23	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31493	No
61	GOM_NL__2PRFIN20080309_043305_00000442066_00377_31493_1784.N1	09-MAR-2008 04:33:05	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	31493	No
62	GOM_NL__2PRFIN20080309_043421_00000412066_00377_31493_1785.N1	09-MAR-2008 04:34:21	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31493	No
63	GOM_NL__2PRFIN20080309_043619_00000422066_00377_31493_1786.N1	09-MAR-2008 04:36:19	Dark	42.000	77	Eps Cen	2.3030	28000.	84	31493	No
64	GOM_NL__2PRFIN20080309_043745_00000462066_00377_31493_1787.N1	09-MAR-2008 04:37:45	Dark	46.000	26	Gam Cru	1.6240	2900.0	92	31493	No
65	GOM_NL__2PRFIN20080309_043922_00000412066_00377_31493_1788.N1	09-MAR-2008 04:39:22	Straylight	40.500	64	Gam Cen	2.2000	10600.	81	31493	No
66	GOM_NL__2PRFIN20080309_044118_00000522066_00377_31493_1789.N1	09-MAR-2008 04:41:18	Straylight	51.500	123	lot Cen	2.7500	10200.	103	31493	No
67	GOM_NL__2PRFIN20080309_044823_00000512066_00377_31493_1790.N1	09-MAR-2008 04:48:23	Straylight	51.000	171	2Eps Crv	3.0010	4250.0	102	31493	No
68	GOM_NL__2PRFIN20080309_045951_00000392066_00377_31493_1791.N1	09-MAR-2008 04:59:51	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31493	No
69	GOM_NL__2PRFIN20080309_050214_00000392066_00377_31493_1792.N1	09-MAR-2008 05:02:14	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	31493	No
70	GOM_NL__2PRFIN20080309_051030_00000422066_00377_31493_1793.N1	09-MAR-2008 05:10:30	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	31493	No
71	GOM_NL__2PRFIN20080309_051332_00000402066_00377_31493_1794.N1	09-MAR-2008 05:13:32	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	31493	No
72	GOM_NL__2PRFIN20080309_051458_00000402066_00377_31493_1795.N1	09-MAR-2008 05:14:58	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31493	No
73	GOM_NL__2PRFIN20080309_052210_00000432066_00377_31493_1796.N1	09-MAR-2008 05:22:10	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	31493	No
74	GOM_NL__2PRFIN20080309_053207_00000482066_00377_31493_1797.N1	09-MAR-2008 05:32:07	Bright	48.000	69	33Gam Dra	2.2310	3800.0	96	31493	No
75	GOM_NL__2PRFIN20080309_053457_00000372066_00377_31493_1798.N1	09-MAR-2008 05:34:57	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	31493	No
76	GOM_NL__2PRFIN20080309_053616_00000362066_00377_31493_1799.N1	09-MAR-2008 05:36:16	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	31493	No
77	GOM_NL__2PRFIN20080309_054523_00000472066_00377_31493_1800.N1	09-MAR-2008 05:45:23	Tw_i_and_stray	46.500	168	17Zet Aql	2.9860	11000.	93	31493	No
78	GOM_NL__2PRFIN20080309_055531_00000452066_00377_31493_1801.N1	09-MAR-2008 05:55:31	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	31493	No
79	GOM_NL__2PRFIN20080309_055727_00000442066_00377_31493_1802.N1	09-MAR-2008 05:57:27	Dark	43.500	57	34Sig Sgr	2.0660	26000.	87	31493	No
80	GOM_NL__2PRFIN20080309_060046_00000482066_00377_31493_1803.N1	09-MAR-2008 06:00:46	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	31493	No
81	GOM_NL__2PRFIN20080309_060352_00000482066_00377_31493_1804.N1	09-MAR-2008 06:03:52	Dark	47.500	85	Kap Sco	2.4070	28000.	95	31493	No
82	GOM_NL__2PRFIN20080309_061059_00000372066_00378_31494_1791.N1	09-MAR-2008 06:10:59	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	31494	No
83	GOM_NL__2PRFIN20080309_061341_00000462066_00378_31494_1792.N1	09-MAR-2008 06:13:41	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	31494	No
84	GOM_NL__2PRFIN20080309_061458_00000432066_00378_31494_1793.N1	09-MAR-2008 06:14:58	Dark	42.500	10	Bet Cen	0.61000	28000.	85	31494	No
85	GOM_NL__2PRFIN20080309_061656_00000422066_00378_31494_1794.N1	09-MAR-2008 06:16:56	Dark	41.500	77	Eps Cen	2.3030	28000.	83	31494	No
86	GOM_NL__2PRFIN20080309_061822_00000542066_00378_31494_1795.N1	09-MAR-2008 06:18:22	Dark	54.000	26	Gam Cru	1.6240	2900.0	108	31494	No
87	GOM_NL__2PRFIN20080309_061958_00000442066_00378_31494_1796.N1	09-MAR-2008 06:19:58	Straylight	44.000	64	Gam Cen	2.2000	10600.	88	31494	No
88	GOM_NL__2PRFIN20080309_062155_00000532066_00378_31494_1797.N1	09-MAR-2008 06:21:55	Straylight	52.500	123	lot Cen	2.7500	10200.	105	31494	No
89	GOM_NL__2PRFIN20080309_062859_00000532066_00378_31494_1798.N1	09-MAR-2008 06:28:59	Straylight	52.500	171	2Eps Crv	3.0010	4250.0	105	31494	No
90	GOM_NL__2PRFIN20080309_064027_00000382066_00378_31494_1799.N1	09-MAR-2008 06:40:27	Bright	37.500	22	32Alp Leo	1.3600	15200.	75	31494	No
91	GOM_NL__2PRFIN20080309_064250_00000402066_00378_31494_1800.N1	09-MAR-2008 06:42:50	Bright	40.000	51	41Gam1Leo	2.0100	4500.0	80	31494	No
92	GOM_NL__2PRFIN20080309_065105_00000402066_00378_31494_1801.N1	09-MAR-2008 06:51:05	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	31494	No
93	GOM_NL__2PRFIN20080309_065407_00000392066_00378_31494_1802.N1	09-MAR-2008 06:54:07	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	31494	No
94	GOM_NL__2PRFIN20080309_065534_00000412066_00378_31494_1803.N1	09-MAR-2008 06:55:34	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	31494	No
95	GOM_NL__2PRFIN20080309_070245_00000402066_00378_31494_1804.N1	09-MAR-2008 07:02:45	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31494	No
96	GOM_NL__2PRFIN20080309_071243_00000462066_00378_31494_1805.N1	09-MAR-2008 07:12:43	Bright	45.500	69	33Gam Dra	2.2310	3800.0	91	31494	No
97	GOM_NL__2PRFIN20080309_071519_00000352066_00378_31494_1806.N1	09-MAR-2008 07:15:19	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31494	No
98	GOM_NL__2PRFIN20080309_071652_00000362066_00378_31494_1807.N1	09-MAR-2008 07:16:52	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31494	No
99	GOM_NL__2PRFIN20080309_072600_00000472066_00378_31494_1808.N1	09-MAR-2008 07:26:00	Tw_i_and_stray	47.000	168	17Zet Aql	2.9860	11000.	94	31494	No
100	GOM_NL__2PRFIN20080309_073608_00000472066_00378_31494_1809.N1	09-MAR-2008 07:36:08	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	31494	No
101	GOM_NL__2PRFIN20080309_073804_00000432066_00378_31494_1810.N1	09-MAR-2008 07:38:04	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	31494	No

102	GOM_NL__2PRFIN20080309_074123_000000492066_00378_31494_1811.N1	09-MAR-2008 07:41:23	Dark	48.500	38	20Eps Sgr	1.8360	11000.	97	31494	No
103	GOM_NL__2PRFIN20080309_074441_000000492066_00378_31494_1812.N1	09-MAR-2008 07:44:41	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	31494	No
104	GOM_NL__2PRFIN20080309_074641_000000412066_00379_31495_1828.N1	09-MAR-2008 07:46:41	Dark	41.000	147	Alp Ara	2.8770	26000.	82	31495	No
105	GOM_NL__2PRFIN20080309_075136_000000382066_00379_31495_1829.N1	09-MAR-2008 07:51:36	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	31495	No
106	GOM_NL__2PRFIN20080309_075418_000000502066_00379_31495_1830.N1	09-MAR-2008 07:54:18	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	31495	No
107	GOM_NL__2PRFIN20080309_075534_000000472066_00379_31495_1831.N1	09-MAR-2008 07:55:34	Dark	47.000	10	Bet Cen	0.61000	28000.	94	31495	No
108	GOM_NL__2PRFIN20080309_075733_000000452066_00379_31495_1832.N1	09-MAR-2008 07:57:33	Dark	44.500	77	Eps Cen	2.3030	28000.	89	31495	No
109	GOM_NL__2PRFIN20080309_075858_000000482066_00379_31495_1833.N1	09-MAR-2008 07:58:58	Dark	47.500	26	Gam Cru	1.6240	2900.0	95	31495	No
110	GOM_NL__2PRFIN20080309_080035_000000432066_00379_31495_1834.N1	09-MAR-2008 08:00:35	Straylight	42.500	64	Gam Cen	2.2000	10600.	85	31495	No
111	GOM_NL__2PRFIN20080309_080232_000000522066_00379_31495_1835.N1	09-MAR-2008 08:02:32	Straylight	51.500	123	lot Cen	2.7500	10200.	103	31495	No
112	GOM_NL__2PRFIN20080309_080936_000000512066_00379_31495_1836.N1	09-MAR-2008 08:09:36	Straylight	50.500	171	2Eps Crv	3.0010	4250.0	101	31495	No
113	GOM_NL__2PRFIN20080309_082103_000000402066_00379_31495_1837.N1	09-MAR-2008 08:21:03	Bright	40.000	22	32Alp Leo	1.3600	15200.	80	31495	No
114	GOM_NL__2PRFIN20080309_082326_000000402066_00379_31495_1838.N1	09-MAR-2008 08:23:26	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31495	No
115	GOM_NL__2PRFIN20080309_083141_000000432066_00379_31495_1839.N1	09-MAR-2008 08:31:41	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	31495	No
116	GOM_NL__2PRFIN20080309_083443_000000582066_00379_31495_1840.N1	09-MAR-2008 08:34:43	Bright	58.000	82	48Bet UMa	2.3650	10600.	116	31495	No
117	GOM_NL__2PRFIN20080309_083609_000000402066_00379_31495_1841.N1	09-MAR-2008 08:36:09	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31495	No
118	GOM_NL__2PRFIN20080309_084321_000000372066_00379_31495_1842.N1	09-MAR-2008 08:43:21	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	31495	No
119	GOM_NL__2PRFIN20080309_085318_000000482066_00379_31495_1843.N1	09-MAR-2008 08:53:18	Bright	48.000	69	33Gam Dra	2.2310	3800.0	96	31495	No
120	GOM_NL__2PRFIN20080309_085555_000000362066_00379_31495_1844.N1	09-MAR-2008 08:55:55	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31495	No
121	GOM_NL__2PRFIN20080309_085728_000000372066_00379_31495_1845.N1	09-MAR-2008 08:57:28	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31495	No
122	GOM_NL__2PRFIN20080309_090636_000000472066_00379_31495_1846.N1	09-MAR-2008 09:06:36	Tw_i_and_stray	46.500	168	17Zet Aql	2.9860	11000.	93	31495	No
123	GOM_NL__2PRFIN20080309_091644_000000452066_00379_31495_1847.N1	09-MAR-2008 09:16:44	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	31495	No
124	GOM_NL__2PRFIN20080309_091841_000000432066_00379_31495_1848.N1	09-MAR-2008 09:18:41	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	31495	No
125	GOM_NL__2PRFIN20080309_092200_000000462066_00379_31495_1849.N1	09-MAR-2008 09:22:00	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	31495	No
126	GOM_NL__2PRFIN20080309_092518_000000492066_00379_31495_1850.N1	09-MAR-2008 09:25:18	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	31495	No
127	GOM_NL__2PRFIN20080309_092717_000000412066_00380_31496_1843.N1	09-MAR-2008 09:27:17	Dark	40.500	147	Alp Ara	2.8770	26000.	81	31496	No
128	GOM_NL__2PRFIN20080309_093212_000000392066_00380_31496_1844.N1	09-MAR-2008 09:32:12	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31496	No
129	GOM_NL__2PRFIN20080309_093454_000000572066_00380_31496_1845.N1	09-MAR-2008 09:34:54	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31496	No
130	GOM_NL__2PRFIN20080309_093611_000000532066_00380_31496_1846.N1	09-MAR-2008 09:36:11	Dark	53.000	10	Bet Cen	0.61000	28000.	106	31496	No
131	GOM_NL__2PRFIN20080309_093809_000000432066_00380_31496_1847.N1	09-MAR-2008 09:38:09	Dark	42.500	77	Eps Cen	2.3030	28000.	85	31496	No
132	GOM_NL__2PRFIN20080309_093934_000000522066_00380_31496_1848.N1	09-MAR-2008 09:39:34	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	31496	No
133	GOM_NL__2PRFIN20080309_094111_000000422066_00380_31496_1849.N1	09-MAR-2008 09:41:11	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31496	No
134	GOM_NL__2PRFIN20080309_094308_000000512066_00380_31496_1850.N1	09-MAR-2008 09:43:08	Straylight	51.000	123	lot Cen	2.7500	10200.	102	31496	No
135	GOM_NL__2PRFIN20080309_095012_000000532066_00380_31496_1851.N1	09-MAR-2008 09:50:12	Straylight	52.500	171	2Eps Crv	3.0010	4250.0	105	31496	No
136	GOM_NL__2PRFIN20080309_100139_000000402066_00380_31496_1852.N1	09-MAR-2008 10:01:39	Bright	39.500	22	32Alp Leo	1.3600	15200.	79	31496	No
137	GOM_NL__2PRFIN20080309_100402_000000392066_00380_31496_1853.N1	09-MAR-2008 10:04:02	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	31496	No
138	GOM_NL__2PRFIN20080309_101216_000000422066_00380_31496_1854.N1	09-MAR-2008 10:12:16	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	31496	No
139	GOM_NL__2PRFIN20080309_101519_000000392066_00380_31496_1855.N1	09-MAR-2008 10:15:19	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	31496	No
140	GOM_NL__2PRFIN20080309_101645_000000402066_00380_31496_1856.N1	09-MAR-2008 10:16:45	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31496	No
141	GOM_NL__2PRFIN20080309_102356_000000422066_00380_31496_1857.N1	09-MAR-2008 10:23:56	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31496	No
142	GOM_NL__2PRFIN20080309_103354_000000512066_00380_31496_1858.N1	09-MAR-2008 10:33:54	Bright	50.500	69	33Gam Dra	2.2310	3800.0	101	31496	No
143	GOM_NL__2PRFIN20080309_103631_000000352066_00380_31496_1859.N1	09-MAR-2008 10:36:31	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	31496	No
144	GOM_NL__2PRFIN20080309_103804_000000362066_00380_31496_1860.N1	09-MAR-2008 10:38:04	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	31496	No
145	GOM_NL__2PRFIN20080309_104713_000000492066_00380_31496_1861.N1	09-MAR-2008 10:47:13	Tw_i_and_stray	49.000	168	17Zet Aql	2.9860	11000.	98	31496	No
146	GOM_NL__2PRFIN20080309_105721_000000422066_00380_31496_1862.N1	09-MAR-2008 10:57:21	Dark	42.000	155	41Pi Sgr	2.9000	6600.0	84	31496	No
147	GOM_NL__2PRFIN20080309_105917_000000442066_00380_31496_1863.N1	09-MAR-2008 10:59:17	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	31496	No
148	GOM_NL__2PRFIN20080309_110237_000000462066_00380_31496_1864.N1	09-MAR-2008 11:02:37	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	31496	No
149	GOM_NL__2PRFIN20080309_110555_000000532066_00380_31496_1865.N1	09-MAR-2008 11:05:55	Dark	52.500	25	35Lam Sco	1.6200	28000.	105	31496	No
150	GOM_NL__2PRFIN20080309_110754_000000412066_00381_31497_1859.N1	09-MAR-2008 11:07:54	Dark	40.500	147	Alp Ara	2.8770	26000.	81	31497	No
151	GOM_NL__2PRFIN20080309_111249_000000402066_00381_31497_1860.N1	09-MAR-2008 11:12:49	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31497	No
152	GOM_NL__2PRFIN20080309_111531_000000572066_00381_31497_1861.N1	09-MAR-2008 11:15:31	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31497	No
153	GOM_NL__2PRFIN20080309_111647_000000422066_00381_31497_1862.N1	09-MAR-2008 11:16:47	Dark	41.500	10	Bet Cen	0.61000	28000.	83	31497	No
154	GOM_NL__2PRFIN20080309_111846_000000432066_00381_31497_1863.N1	09-MAR-2008 11:18:46	Dark	42.500	77	Eps Cen	2.3030	28000.	85	31497	No
155	GOM_NL__2PRFIN20080309_112011_000000532066_00381_31497_1864.N1	09-MAR-2008 11:20:11	Dark	53.000	26	Gam Cru	1.6240	2900.0	106	31497	No
156	GOM_NL__2PRFIN20080309_112148_000000422066_00381_31497_1865.N1	09-MAR-2008 11:21:48	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31497	No
157	GOM_NL__2PRFIN20080309_112345_000000542066_00381_31497_1866.N1	09-MAR-2008 11:23:45	Straylight	53.500	123	lot Cen	2.7500	10200.	107	31497	No
158	GOM_NL__2PRFIN20080309_113048_000000542066_00381_31497_1867.N1	09-MAR-2008 11:30:48	Straylight	54.000	171	2Eps Crv	3.0010	4250.0	108	31497	No
159	GOM_NL__2PRFIN20080309_114214_000000392066_00381_31497_1868.N1	09-MAR-2008 11:42:14	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	31497	No
160	GOM_NL__2PRFIN20080309_114437_000000402066_00381_31497_1869.N1	09-MAR-2008 11:44:37	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31497	No

161	GOM_NL__2PRFIN20080309_115251_000000612066_00381_31497_1870.N1	09-MAR-2008 11:52:51	Bright	61.000	174	52Psi UMa	3.0040	4400.0	122	31497	No
162	GOM_NL__2PRFIN20080309_115554_000000412066_00381_31497_1871.N1	09-MAR-2008 11:55:54	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	31497	No
163	GOM_NL__2PRFIN20080309_115720_000000402066_00381_31497_1872.N1	09-MAR-2008 11:57:20	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31497	No
164	GOM_NL__2PRFIN20080309_120432_000000402066_00381_31497_1873.N1	09-MAR-2008 12:04:32	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31497	No
165	GOM_NL__2PRFIN20080309_121430_000000482066_00381_31497_1874.N1	09-MAR-2008 12:14:30	Bright	47.500	69	33Gam Dra	2.2310	3800.0	95	31497	No
166	GOM_NL__2PRFIN20080309_121707_000000362066_00381_31497_1875.N1	09-MAR-2008 12:17:07	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31497	No
167	GOM_NL__2PRFIN20080309_121840_000000372066_00381_31497_1876.N1	09-MAR-2008 12:18:40	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31497	No
168	GOM_NL__2PRFIN20080309_122749_000000492066_00381_31497_1877.N1	09-MAR-2008 12:27:49	Tw_i_and_stray	48.500	168	17Zet Aql	2.9860	11000.	97	31497	No
169	GOM_NL__2PRFIN20080309_123757_000000452066_00381_31497_1878.N1	09-MAR-2008 12:37:57	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	31497	No
170	GOM_NL__2PRFIN20080309_123954_000000452066_00381_31497_1879.N1	09-MAR-2008 12:39:54	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31497	No
171	GOM_NL__2PRFIN20080309_124313_000000502066_00381_31497_1880.N1	09-MAR-2008 12:43:13	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	31497	No
172	GOM_NL__2PRFIN20080309_124632_000000502066_00381_31497_1881.N1	09-MAR-2008 12:46:32	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	31497	No
173	GOM_NL__2PRFIN20080309_124831_000000402066_00382_31498_1875.N1	09-MAR-2008 12:48:31	Dark	40.000	147	Alp Ara	2.8770	26000.	80	31498	No
174	GOM_NL__2PRFIN20080309_125325_000000382066_00382_31498_1876.N1	09-MAR-2008 12:53:25	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31498	No
175	GOM_NL__2PRFIN20080309_125607_000000472066_00382_31498_1877.N1	09-MAR-2008 12:56:07	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	31498	No
176	GOM_NL__2PRFIN20080309_125723_000000502066_00382_31498_1878.N1	09-MAR-2008 12:57:23	Dark	49.500	10	Bet Cen	0.61000	28000.	99	31498	No
177	GOM_NL__2PRFIN20080309_125922_000000442066_00382_31498_1879.N1	09-MAR-2008 12:59:22	Dark	44.000	77	Eps Cen	2.3030	28000.	88	31498	No
178	GOM_NL__2PRFIN20080309_130047_000000492066_00382_31498_1880.N1	09-MAR-2008 13:00:47	Dark	49.000	26	Gam Cru	1.6240	2900.0	98	31498	No
179	GOM_NL__2PRFIN20080309_130224_000000442066_00382_31498_1881.N1	09-MAR-2008 13:02:24	Straylight	44.000	64	Gam Cen	2.2000	10600.	88	31498	No
180	GOM_NL__2PRFIN20080309_130421_000000512066_00382_31498_1882.N1	09-MAR-2008 13:04:21	Straylight	50.500	123	lot Cen	2.7500	10200.	101	31498	No
181	GOM_NL__2PRFIN20080309_131124_000000542066_00382_31498_1883.N1	09-MAR-2008 13:11:24	Straylight	54.000	171	2Eps Crv	3.0010	4250.0	108	31498	No
182	GOM_NL__2PRFIN20080309_132250_000000402066_00382_31498_1884.N1	09-MAR-2008 13:22:50	Bright	39.500	22	32Alp Leo	1.3600	15200.	79	31498	No
183	GOM_NL__2PRFIN20080309_132513_000000402066_00382_31498_1885.N1	09-MAR-2008 13:25:13	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31498	No
184	GOM_NL__2PRFIN20080309_133327_000000402066_00382_31498_1886.N1	09-MAR-2008 13:33:27	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	31498	No
185	GOM_NL__2PRFIN20080309_133630_000000392066_00382_31498_1887.N1	09-MAR-2008 13:36:30	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	31498	No
186	GOM_NL__2PRFIN20080309_133756_000000422066_00382_31498_1888.N1	09-MAR-2008 13:37:56	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	31498	No
187	GOM_NL__2PRFIN20080309_134508_000000362066_00382_31498_1889.N1	09-MAR-2008 13:45:08	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	31498	No
188	GOM_NL__2PRFIN20080309_135505_000000492066_00382_31498_1890.N1	09-MAR-2008 13:55:05	Bright	48.500	69	33Gam Dra	2.2310	3800.0	97	31498	No
189	GOM_NL__2PRFIN20080309_135743_000000362066_00382_31498_1891.N1	09-MAR-2008 13:57:43	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31498	No
190	GOM_NL__2PRFIN20080309_135916_000000352066_00382_31498_1892.N1	09-MAR-2008 13:59:16	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31498	No
191	GOM_NL__2PRFIN20080309_140825_000000512066_00382_31498_1893.N1	09-MAR-2008 14:08:25	Tw_i_and_stray	50.500	168	17Zet Aql	2.9860	11000.	101	31498	No
192	GOM_NL__2PRFIN20080309_141834_000000442066_00382_31498_1894.N1	09-MAR-2008 14:18:34	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	31498	No
193	GOM_NL__2PRFIN20080309_142030_000000432066_00382_31498_1895.N1	09-MAR-2008 14:20:30	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	31498	No
194	GOM_NL__2PRFIN20080309_142350_000000492066_00382_31498_1896.N1	09-MAR-2008 14:23:50	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31498	No
195	GOM_NL__2PRFIN20080309_142709_000000472066_00382_31498_1897.N1	09-MAR-2008 14:27:09	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	31498	No
196	GOM_NL__2PRFIN20080309_142907_000000422066_00383_31499_1884.N1	09-MAR-2008 14:29:07	Dark	42.000	147	Alp Ara	2.8770	26000.	84	31499	No
197	GOM_NL__2PRFIN20080309_143402_000000382066_00383_31499_1885.N1	09-MAR-2008 14:34:02	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31499	No
198	GOM_NL__2PRFIN20080309_143644_000000442066_00383_31499_1886.N1	09-MAR-2008 14:36:44	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31499	No
199	GOM_NL__2PRFIN20080309_143800_000000412066_00383_31499_1887.N1	09-MAR-2008 14:38:00	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31499	No
200	GOM_NL__2PRFIN20080309_143959_000000432066_00383_31499_1888.N1	09-MAR-2008 14:39:59	Dark	42.500	77	Eps Cen	2.3030	28000.	85	31499	No
201	GOM_NL__2PRFIN20080309_144123_000000482066_00383_31499_1889.N1	09-MAR-2008 14:41:23	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	31499	No
202	GOM_NL__2PRFIN20080309_144301_000000422066_00383_31499_1890.N1	09-MAR-2008 14:43:01	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31499	No
203	GOM_NL__2PRFIN20080309_144458_000000522066_00383_31499_1891.N1	09-MAR-2008 14:44:58	Straylight	52.000	123	lot Cen	2.7500	10200.	104	31499	No
204	GOM_NL__2PRFIN20080309_145200_000000572066_00383_31499_1892.N1	09-MAR-2008 14:52:00	Straylight	56.500	171	2Eps Crv	3.0010	4250.0	113	31499	No
205	GOM_NL__2PRFIN20080309_150326_000000392066_00383_31499_1893.N1	09-MAR-2008 15:03:26	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31499	No
206	GOM_NL__2PRFIN20080309_150549_000000392066_00383_31499_1894.N1	09-MAR-2008 15:05:49	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	31499	No
207	GOM_NL__2PRFIN20080309_151402_000000422066_00383_31499_1895.N1	09-MAR-2008 15:14:02	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	31499	No
208	GOM_NL__2PRFIN20080309_151705_000000382066_00383_31499_1896.N1	09-MAR-2008 15:17:05	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31499	No
209	GOM_NL__2PRFIN20080309_151832_000000402066_00383_31499_1897.N1	09-MAR-2008 15:18:32	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31499	No
210	GOM_NL__2PRFIN20080309_152543_000000412066_00383_31499_1898.N1	09-MAR-2008 15:25:43	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31499	No
211	GOM_NL__2PRFIN20080309_153541_000000482066_00383_31499_1899.N1	09-MAR-2008 15:35:41	Bright	47.500	69	33Gam Dra	2.2310	3800.0	95	31499	No
212	GOM_NL__2PRFIN20080309_153819_000000352066_00383_31499_1900.N1	09-MAR-2008 15:38:19	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31499	No
213	GOM_NL__2PRFIN20080309_153953_000000372066_00383_31499_1901.N1	09-MAR-2008 15:39:53	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	31499	No
214	GOM_NL__2PRFIN20080309_154902_000000482066_00383_31499_1902.N1	09-MAR-2008 15:49:02	Tw_i_and_stray	48.000	168	17Zet Aql	2.9860	11000.	96	31499	No
215	GOM_NL__2PRFIN20080309_155910_000000452066_00383_31499_1903.N1	09-MAR-2008 15:59:10	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	31499	No
216	GOM_NL__2PRFIN20080309_160107_000000442066_00383_31499_1904.N1	09-MAR-2008 16:01:07	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	31499	No
217	GOM_NL__2PRFIN20080309_160427_000000502066_00383_31499_1905.N1	09-MAR-2008 16:04:27	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	31499	No
218	GOM_NL__2PRFIN20080309_160746_000000482066_00383_31499_1906.N1	09-MAR-2008 16:07:46	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	31499	No
219	GOM_NL__2PRFIN20080309_160944_000000432066_00384_31500_1908.N1	09-MAR-2008 16:09:44	Dark	42.500	147	Alp Ara	2.8770	26000.	85	31500	No

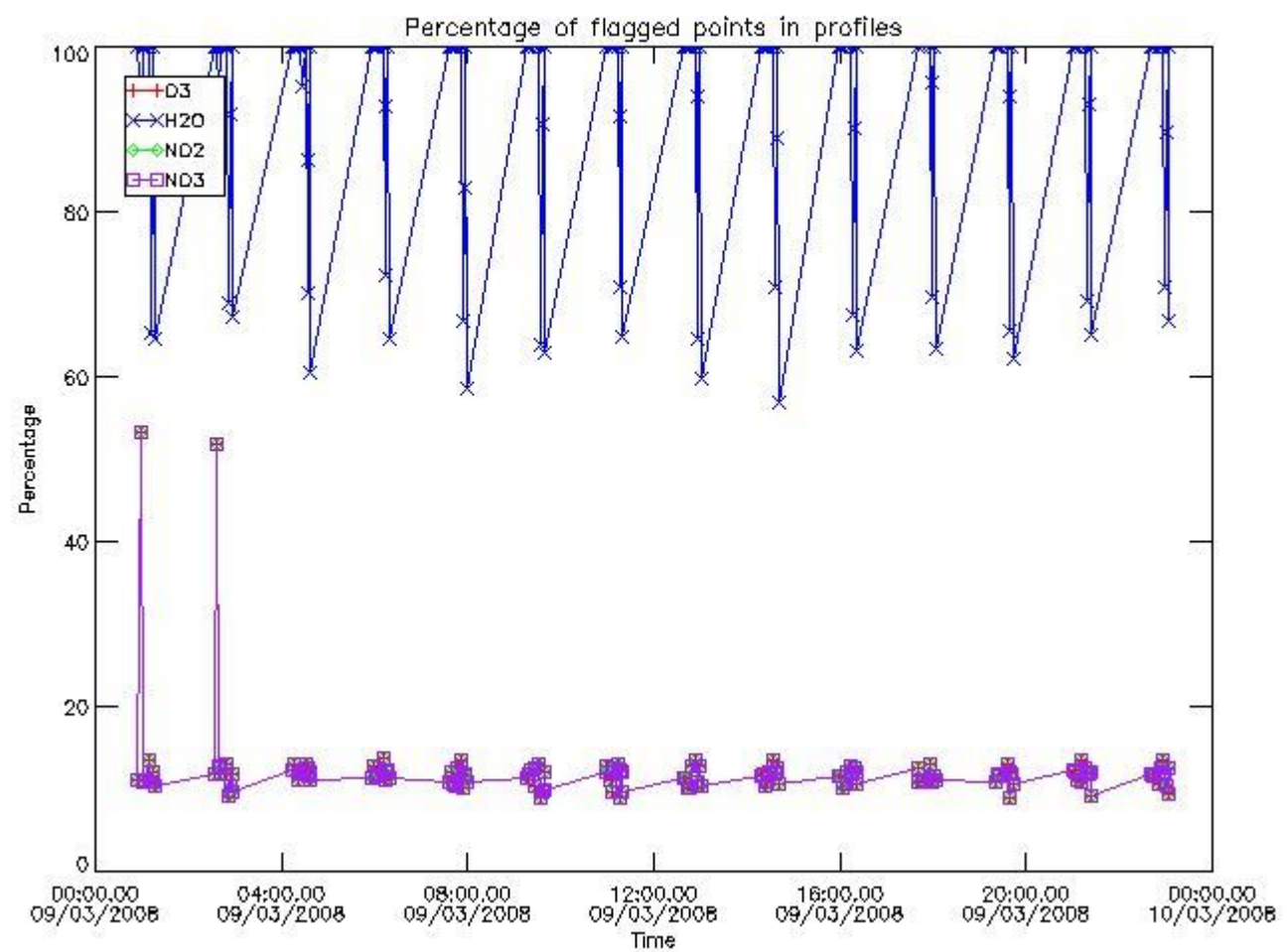
220	GOM_NL__2PRFIN20080309_161438_000000402066_00384_31500_1909.N1	09-MAR-2008 16:14:38	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31500	No
221	GOM_NL__2PRFIN20080309_161720_000000442066_00384_31500_1910.N1	09-MAR-2008 16:17:20	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31500	No
222	GOM_NL__2PRFIN20080309_161836_000000412066_00384_31500_1911.N1	09-MAR-2008 16:18:36	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31500	No
223	GOM_NL__2PRFIN20080309_162035_000000422066_00384_31500_1912.N1	09-MAR-2008 16:20:35	Dark	42.000	77	Eps Cen	2.3030	28000.	84	31500	No
224	GOM_NL__2PRFIN20080309_162200_000000482066_00384_31500_1913.N1	09-MAR-2008 16:22:00	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	31500	No
225	GOM_NL__2PRFIN20080309_162337_000000492066_00384_31500_1914.N1	09-MAR-2008 16:23:37	Straylight	49.000	64	Gam Cen	2.2000	10600.	98	31500	No
226	GOM_NL__2PRFIN20080309_162535_000000522066_00384_31500_1915.N1	09-MAR-2008 16:25:35	Straylight	51.500	123	lot Cen	2.7500	10200.	103	31500	No
227	GOM_NL__2PRFIN20080309_163236_000000582066_00384_31500_1916.N1	09-MAR-2008 16:32:36	Straylight	58.000	171	2Eps Crv	3.0010	4250.0	116	31500	No
228	GOM_NL__2PRFIN20080309_164402_000000392066_00384_31500_1917.N1	09-MAR-2008 16:44:02	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31500	No
229	GOM_NL__2PRFIN20080309_164625_000000402066_00384_31500_1918.N1	09-MAR-2008 16:46:25	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31500	No
230	GOM_NL__2PRFIN20080309_165438_000000422066_00384_31500_1919.N1	09-MAR-2008 16:54:38	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	31500	No
231	GOM_NL__2PRFIN20080309_165741_000000402066_00384_31500_1920.N1	09-MAR-2008 16:57:41	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	31500	No
232	GOM_NL__2PRFIN20080309_165907_000000412066_00384_31500_1921.N1	09-MAR-2008 16:59:07	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	31500	No
233	GOM_NL__2PRFIN20080309_170619_000000422066_00384_31500_1922.N1	09-MAR-2008 17:06:19	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31500	No
234	GOM_NL__2PRFIN20080309_171617_000000492066_00384_31500_1923.N1	09-MAR-2008 17:16:17	Bright	49.000	69	33Gam Dra	2.2310	3800.0	98	31500	No
235	GOM_NL__2PRFIN20080309_171855_000000342066_00384_31500_1924.N1	09-MAR-2008 17:18:55	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31500	No
236	GOM_NL__2PRFIN20080309_172029_000000372066_00384_31500_1925.N1	09-MAR-2008 17:20:29	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31500	No
237	GOM_NL__2PRFIN20080309_172938_000000472066_00384_31500_1926.N1	09-MAR-2008 17:29:38	Tw_i_and_stray	46.500	168	17Zet Aql	2.9860	11000.	93	31500	No
238	GOM_NL__2PRFIN20080309_173947_000000412066_00384_31500_1927.N1	09-MAR-2008 17:39:47	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	31500	No
239	GOM_NL__2PRFIN20080309_174144_000000472066_00384_31500_1928.N1	09-MAR-2008 17:41:44	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	31500	No
240	GOM_NL__2PRFIN20080309_174504_000000462066_00384_31500_1929.N1	09-MAR-2008 17:45:04	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	31500	No
241	GOM_NL__2PRFIN20080309_175515_000000402066_00385_31501_1923.N1	09-MAR-2008 17:55:15	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31501	No
242	GOM_NL__2PRFIN20080309_175757_000000472066_00385_31501_1924.N1	09-MAR-2008 17:57:57	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	31501	No
243	GOM_NL__2PRFIN20080309_175913_000000462066_00385_31501_1925.N1	09-MAR-2008 17:59:13	Dark	46.000	10	Bet Cen	0.61000	28000.	92	31501	No
244	GOM_NL__2PRFIN20080309_180112_000000452066_00385_31501_1926.N1	09-MAR-2008 18:01:12	Dark	44.500	77	Eps Cen	2.3030	28000.	89	31501	No
245	GOM_NL__2PRFIN20080309_180236_000000552066_00385_31501_1927.N1	09-MAR-2008 18:02:36	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	31501	No
246	GOM_NL__2PRFIN20080309_180414_000000412066_00385_31501_1928.N1	09-MAR-2008 18:04:14	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	31501	No
247	GOM_NL__2PRFIN20080309_180611_000000532066_00385_31501_1929.N1	09-MAR-2008 18:06:11	Straylight	52.500	123	lot Cen	2.7500	10200.	105	31501	No
248	GOM_NL__2PRFIN20080309_181313_000000582066_00385_31501_1930.N1	09-MAR-2008 18:13:13	Straylight	57.500	171	2Eps Crv	3.0010	4250.0	115	31501	No
249	GOM_NL__2PRFIN20080309_182438_000000392066_00385_31501_1931.N1	09-MAR-2008 18:24:38	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31501	No
250	GOM_NL__2PRFIN20080309_182701_000000412066_00385_31501_1932.N1	09-MAR-2008 18:27:01	Bright	40.500	51	41Gam1Leo	2.0100	4500.0	81	31501	No
251	GOM_NL__2PRFIN20080309_183513_000000612066_00385_31501_1933.N1	09-MAR-2008 18:35:13	Bright	61.000	174	52Psi UMa	3.0040	4400.0	122	31501	No
252	GOM_NL__2PRFIN20080309_183817_000000402066_00385_31501_1934.N1	09-MAR-2008 18:38:17	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	31501	No
253	GOM_NL__2PRFIN20080309_183943_000000382066_00385_31501_1935.N1	09-MAR-2008 18:39:43	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	31501	No
254	GOM_NL__2PRFIN20080309_184654_000000422066_00385_31501_1936.N1	09-MAR-2008 18:46:54	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31501	No
255	GOM_NL__2PRFIN20080309_185652_000000482066_00385_31501_1937.N1	09-MAR-2008 18:56:52	Bright	48.000	69	33Gam Dra	2.2310	3800.0	96	31501	No
256	GOM_NL__2PRFIN20080309_185931_000000372066_00385_31501_1938.N1	09-MAR-2008 18:59:31	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31501	No
257	GOM_NL__2PRFIN20080309_190105_000000372066_00385_31501_1939.N1	09-MAR-2008 19:01:05	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	31501	No
258	GOM_NL__2PRFIN20080309_191015_000000482066_00385_31501_1940.N1	09-MAR-2008 19:10:15	Tw_i_and_stray	48.000	168	17Zet Aql	2.9860	11000.	96	31501	No
259	GOM_NL__2PRFIN20080309_192024_000000482066_00385_31501_1941.N1	09-MAR-2008 19:20:24	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	31501	No
260	GOM_NL__2PRFIN20080309_192220_000000432066_00385_31501_1942.N1	09-MAR-2008 19:22:20	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	31501	No
261	GOM_NL__2PRFIN20080309_192540_000000442066_00385_31501_1943.N1	09-MAR-2008 19:25:40	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	31501	No
262	GOM_NL__2PRFIN20080309_193551_000000392066_00386_31502_1938.N1	09-MAR-2008 19:35:51	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31502	No
263	GOM_NL__2PRFIN20080309_193833_000000572066_00386_31502_1939.N1	09-MAR-2008 19:38:33	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31502	No
264	GOM_NL__2PRFIN20080309_193949_000000422066_00386_31502_1940.N1	09-MAR-2008 19:39:49	Dark	42.000	10	Bet Cen	0.61000	28000.	84	31502	No
265	GOM_NL__2PRFIN20080309_194148_000000432066_00386_31502_1941.N1	09-MAR-2008 19:41:48	Dark	43.000	77	Eps Cen	2.3030	28000.	86	31502	No
266	GOM_NL__2PRFIN20080309_194313_000000482066_00386_31502_1942.N1	09-MAR-2008 19:43:13	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	31502	No
267	GOM_NL__2PRFIN20080309_194450_000000422066_00386_31502_1943.N1	09-MAR-2008 19:44:50	Straylight	41.500	64	Gam Cen	2.2000	10600.	83	31502	No
268	GOM_NL__2PRFIN20080309_194648_000000532066_00386_31502_1944.N1	09-MAR-2008 19:46:48	Straylight	52.500	123	lot Cen	2.7500	10200.	105	31502	No
269	GOM_NL__2PRFIN20080309_195349_000000572066_00386_31502_1945.N1	09-MAR-2008 19:53:49	Straylight	57.000	171	2Eps Crv	3.0010	4250.0	114	31502	No
270	GOM_NL__2PRFIN20080309_200514_000000392066_00386_31502_1946.N1	09-MAR-2008 20:05:14	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31502	No
271	GOM_NL__2PRFIN20080309_200736_000000402066_00386_31502_1947.N1	09-MAR-2008 20:07:36	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31502	No
272	GOM_NL__2PRFIN20080309_201549_000000412066_00386_31502_1948.N1	09-MAR-2008 20:15:49	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	31502	No
273	GOM_NL__2PRFIN20080309_201852_000000392066_00386_31502_1949.N1	09-MAR-2008 20:18:52	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	31502	No
274	GOM_NL__2PRFIN20080309_202019_000000402066_00386_31502_1950.N1	09-MAR-2008 20:20:19	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31502	No
275	GOM_NL__2PRFIN20080309_202730_000000412066_00386_31502_1951.N1	09-MAR-2008 20:27:30	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31502	No
276	GOM_NL__2PRFIN20080309_203728_000000512066_00386_31502_1952.N1	09-MAR-2008 20:37:28	Bright	50.500	69	33Gam Dra	2.2310	3800.0	101	31502	No
277	GOM_NL__2PRFIN20080309_204007_000000362066_00386_31502_1953.N1	09-MAR-2008 20:40:07	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31502	No
278	GOM_NL__2PRFIN20080309_204141_000000532066_00386_31502_1954.N1	09-MAR-2008 20:41:41	Bright	53.000	66	37Gam Cyg	2.2080	5900.0	106	31502	No

279	GOM_NL__2PRFIN20080309_205051_000000482066_00386_31502_1955.N1	09-MAR-2008 20:50:51	Twilight	48.000	168	17Zet Aql	2.9860	11000.	96	31502	No
280	GOM_NL__2PRFIN20080309_210100_000000422066_00386_31502_1956.N1	09-MAR-2008 21:01:00	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	31502	No
281	GOM_NL__2PRFIN20080309_210257_000000432066_00386_31502_1957.N1	09-MAR-2008 21:02:57	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	31502	No
282	GOM_NL__2PRFIN20080309_210617_000000462066_00386_31502_1958.N1	09-MAR-2008 21:06:17	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	31502	No
283	GOM_NL__2PRFIN20080309_210937_000000482066_00386_31502_1959.N1	09-MAR-2008 21:09:37	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	31502	No
284	GOM_NL__2PRFIN20080309_211134_000000422066_00387_31503_1952.N1	09-MAR-2008 21:11:34	Dark	41.500	147	Alp Ara	2.8770	26000.	83	31503	No
285	GOM_NL__2PRFIN20080309_211628_000000412066_00387_31503_1953.N1	09-MAR-2008 21:16:28	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	31503	No
286	GOM_NL__2PRFIN20080309_211910_000000432066_00387_31503_1954.N1	09-MAR-2008 21:19:10	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31503	No
287	GOM_NL__2PRFIN20080309_212026_000000442066_00387_31503_1955.N1	09-MAR-2008 21:20:26	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31503	No
288	GOM_NL__2PRFIN20080309_212225_000000432066_00387_31503_1956.N1	09-MAR-2008 21:22:25	Dark	42.500	77	Eps Cen	2.3030	28000.	85	31503	No
289	GOM_NL__2PRFIN20080309_212349_000000552066_00387_31503_1957.N1	09-MAR-2008 21:23:49	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	31503	No
290	GOM_NL__2PRFIN20080309_212526_000000412066_00387_31503_1958.N1	09-MAR-2008 21:25:26	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	31503	No
291	GOM_NL__2PRFIN20080309_212725_000000502066_00387_31503_1959.N1	09-MAR-2008 21:27:25	Straylight	50.000	123	lot Cen	2.7500	10200.	100	31503	No
292	GOM_NL__2PRFIN20080309_213425_000000532066_00387_31503_1960.N1	09-MAR-2008 21:34:25	Straylight	53.000	171	2Eps Crv	3.0010	4250.0	106	31503	No
293	GOM_NL__2PRFIN20080309_214550_000000392066_00387_31503_1961.N1	09-MAR-2008 21:45:50	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31503	No
294	GOM_NL__2PRFIN20080309_214812_000000392066_00387_31503_1962.N1	09-MAR-2008 21:48:12	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	31503	No
295	GOM_NL__2PRFIN20080309_215624_000000412066_00387_31503_1963.N1	09-MAR-2008 21:56:24	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	31503	No
296	GOM_NL__2PRFIN20080309_215928_000000382066_00387_31503_1964.N1	09-MAR-2008 21:59:28	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31503	No
297	GOM_NL__2PRFIN20080309_220054_000000402066_00387_31503_1965.N1	09-MAR-2008 22:00:54	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31503	No
298	GOM_NL__2PRFIN20080309_220806_000000402066_00387_31503_1966.N1	09-MAR-2008 22:08:06	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31503	No
299	GOM_NL__2PRFIN20080309_221804_000000492066_00387_31503_1967.N1	09-MAR-2008 22:18:04	Bright	49.000	69	33Gam Dra	2.2310	3800.0	98	31503	No
300	GOM_NL__2PRFIN20080309_222043_000000362066_00387_31503_1968.N1	09-MAR-2008 22:20:43	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31503	No
301	GOM_NL__2PRFIN20080309_222217_000000372066_00387_31503_1969.N1	09-MAR-2008 22:22:17	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31503	No
302	GOM_NL__2PRFIN20080309_223127_000000492066_00387_31503_1970.N1	09-MAR-2008 22:31:27	Twilight	48.500	168	17Zet Aql	2.9860	11000.	97	31503	No
303	GOM_NL__2PRFIN20080309_224137_000000432066_00387_31503_1971.N1	09-MAR-2008 22:41:37	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	31503	No
304	GOM_NL__2PRFIN20080309_224334_000000452066_00387_31503_1972.N1	09-MAR-2008 22:43:34	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	31503	No
305	GOM_NL__2PRFIN20080309_224654_000000432066_00387_31503_1973.N1	09-MAR-2008 22:46:54	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31503	No
306	GOM_NL__2PRFIN20080309_225014_000000482066_00387_31503_1974.N1	09-MAR-2008 22:50:14	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	31503	No
307	GOM_NL__2PRFIN20080309_225211_000000412066_00388_31504_1971.N1	09-MAR-2008 22:52:11	Dark	40.500	147	Alp Ara	2.8770	26000.	81	31504	No
308	GOM_NL__2PRFIN20080309_225704_000000382066_00388_31504_1972.N1	09-MAR-2008 22:57:04	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31504	No
309	GOM_NL__2PRFIN20080309_225946_000000442066_00388_31504_1973.N1	09-MAR-2008 22:59:46	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31504	No
310	GOM_NL__2PRFIN20080309_230102_000000492066_00388_31504_1974.N1	09-MAR-2008 23:01:02	Dark	49.000	10	Bet Cen	0.61000	28000.	98	31504	No
311	GOM_NL__2PRFIN20080309_230302_000000412066_00388_31504_1975.N1	09-MAR-2008 23:03:02	Dark	41.000	77	Eps Cen	2.3030	28000.	82	31504	No
312	GOM_NL__2PRFIN20080309_230425_000000552066_00388_31504_1976.N1	09-MAR-2008 23:04:25	Dark	54.500	26	Gam Cru	1.6240	2900.0	109	31504	No
313	GOM_NL__2PRFIN20080309_230603_000000452066_00388_31504_1977.N1	09-MAR-2008 23:06:03	Straylight	45.000	64	Gam Cen	2.2000	10600.	90	31504	No
314	GOM_NL__2PRFIN20080309_230801_000000542066_00388_31504_1978.N1	09-MAR-2008 23:08:01	Straylight	53.500	123	lot Cen	2.7500	10200.	107	31504	No
315	GOM_NL__2PRFIN20080309_231501_000000562066_00388_31504_1979.N1	09-MAR-2008 23:15:01	Straylight	56.000	171	2Eps Crv	3.0010	4250.0	112	31504	No
316	GOM_NL__2PRFIN20080309_232626_000000392066_00388_31504_1980.N1	09-MAR-2008 23:26:26	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	31504	No
317	GOM_NL__2PRFIN20080309_232848_000000392066_00388_31504_1981.N1	09-MAR-2008 23:28:48	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	31504	No
318	GOM_NL__2PRFIN20080309_233700_000000412066_00388_31504_1982.N1	09-MAR-2008 23:37:00	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	31504	No
319	GOM_NL__2PRFIN20080309_234003_000000382066_00388_31504_1983.N1	09-MAR-2008 23:40:03	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31504	No
320	GOM_NL__2PRFIN20080309_234130_000000402066_00388_31504_1984.N1	09-MAR-2008 23:41:30	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31504	No
321	GOM_NL__2PRFIN20080309_234841_000000402066_00388_31504_1985.N1	09-MAR-2008 23:48:41	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31504	No
322	GOM_NL__2PRFIN20080309_235839_000000492066_00388_31504_1986.N1	09-MAR-2008 23:58:39	Bright	49.000	69	33Gam Dra	2.2310	3800.0	98	31504	No

3. Quality information per product

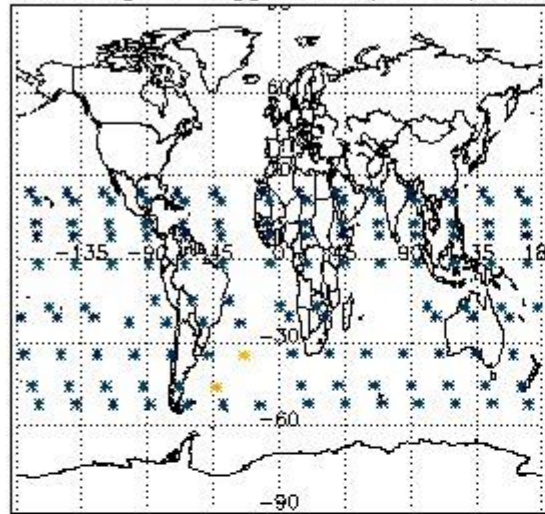
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

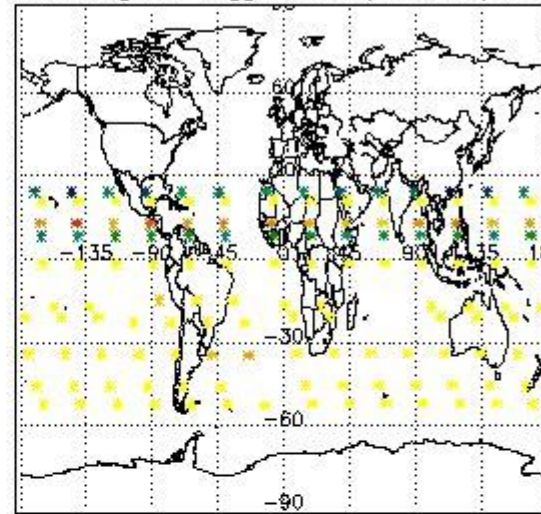


3.2 Plot quality information per product (world map)

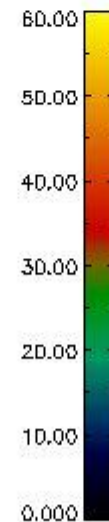
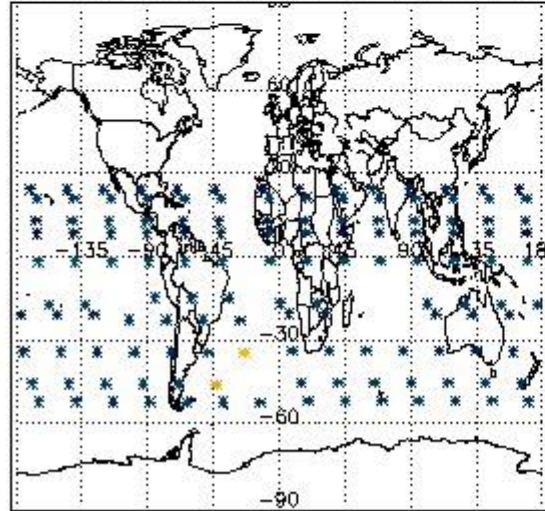
Percentage of flagged data per O3 profile



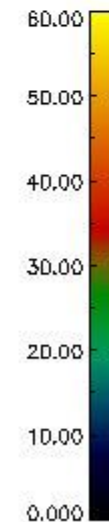
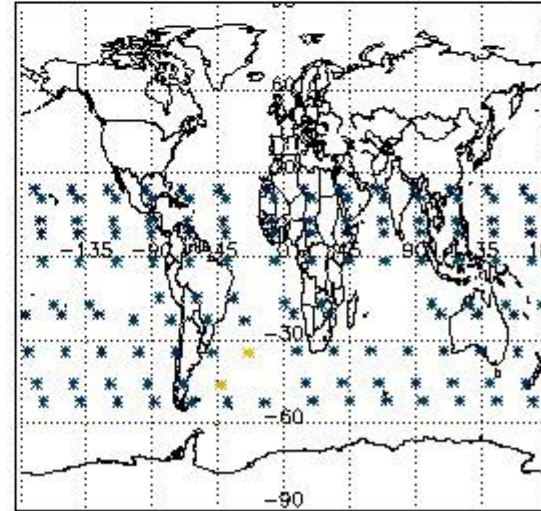
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

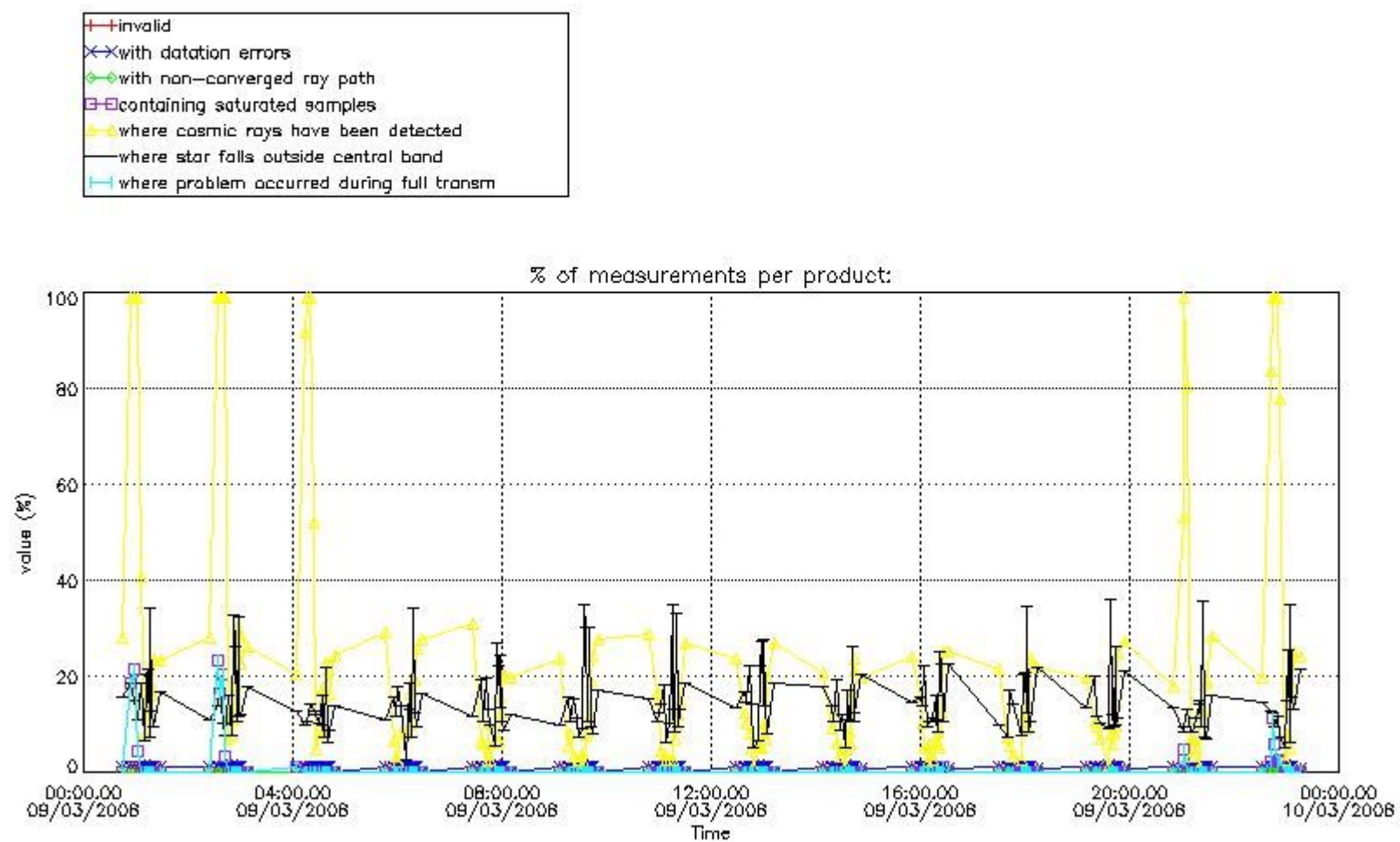


4. Level 1 quality information per product

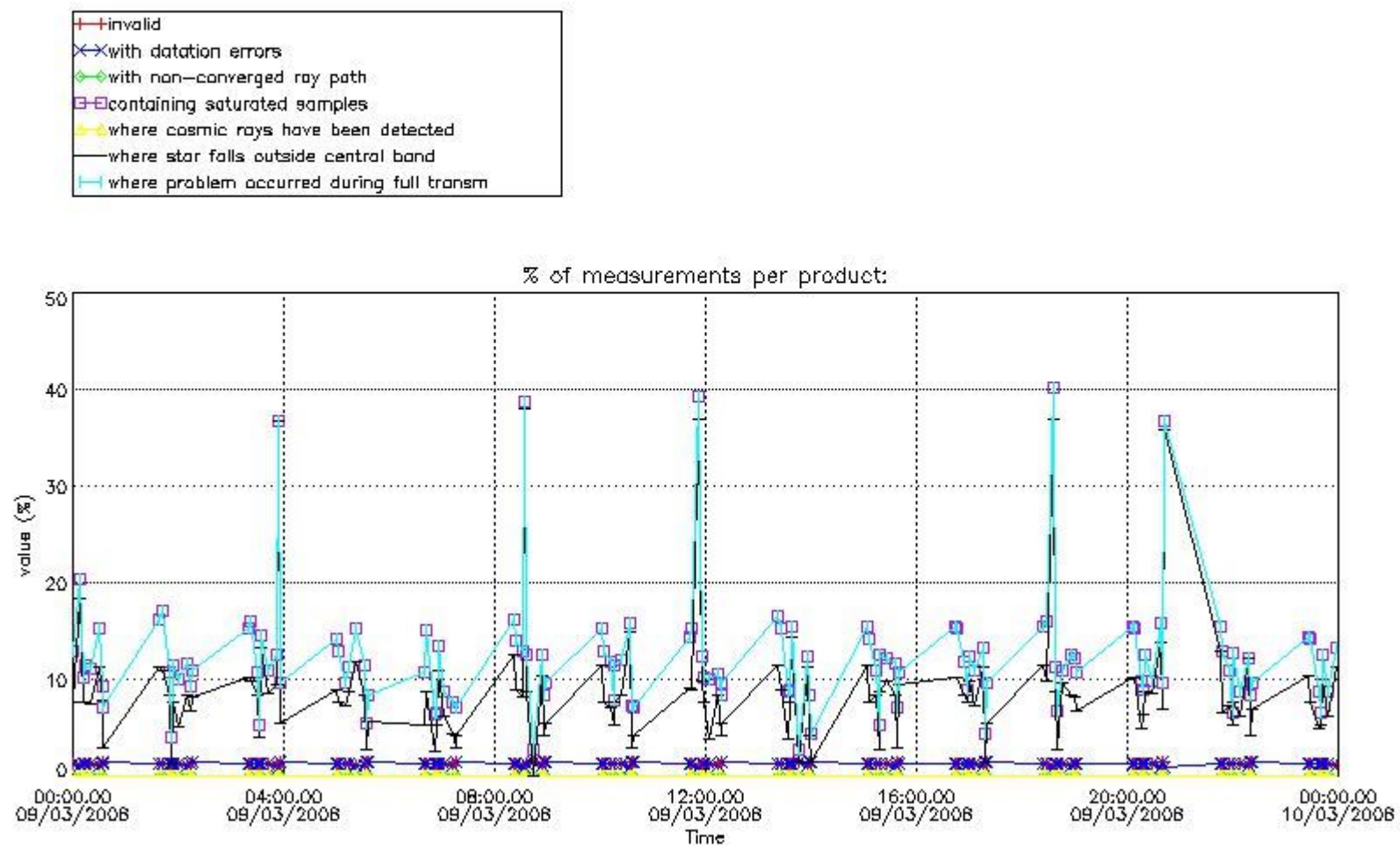
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



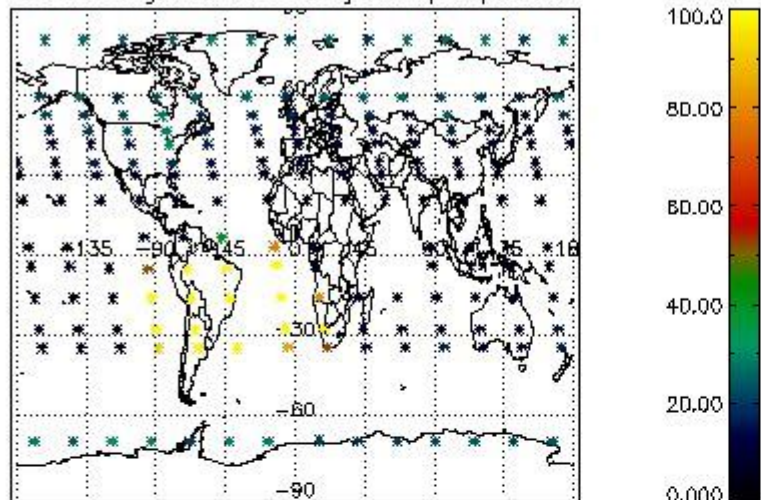
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



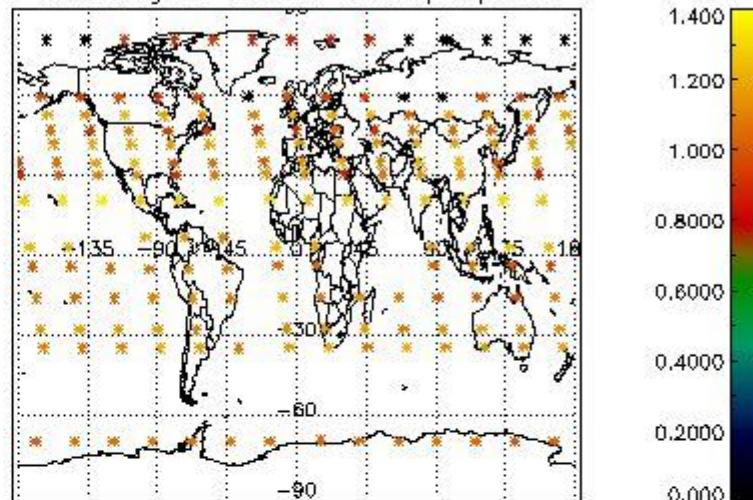
4.2 Plot quality information per product coming from level 1b processing (world map)

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

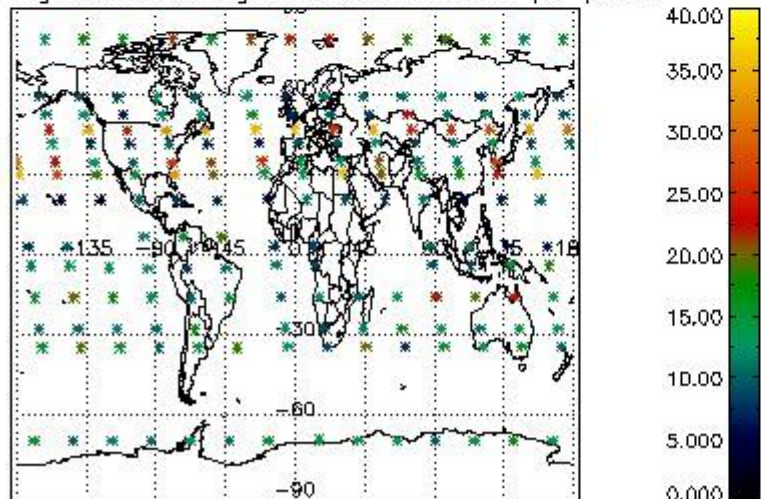
Percentage of cosmic ray hits per profile



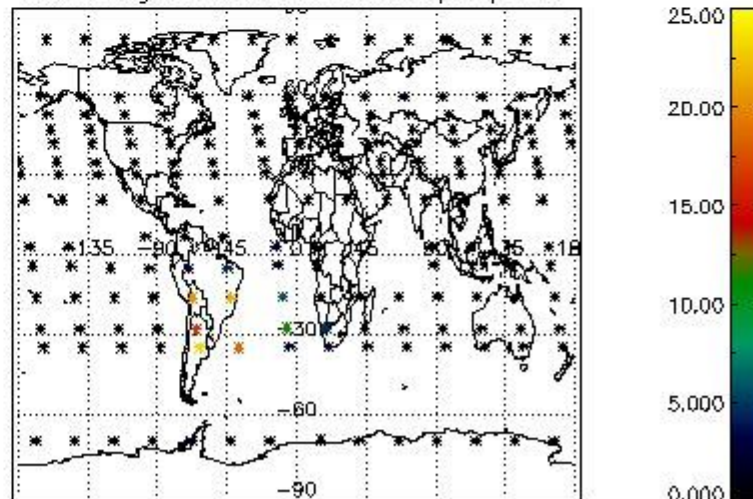
Percentage of datation errors per profile



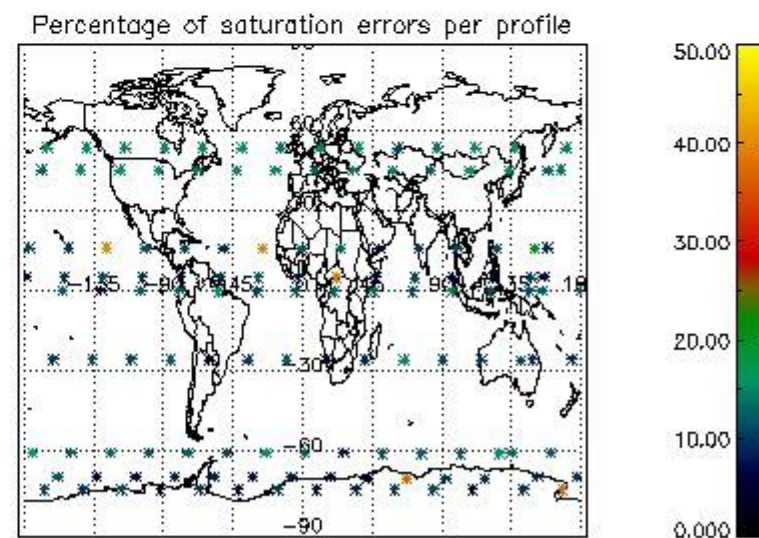
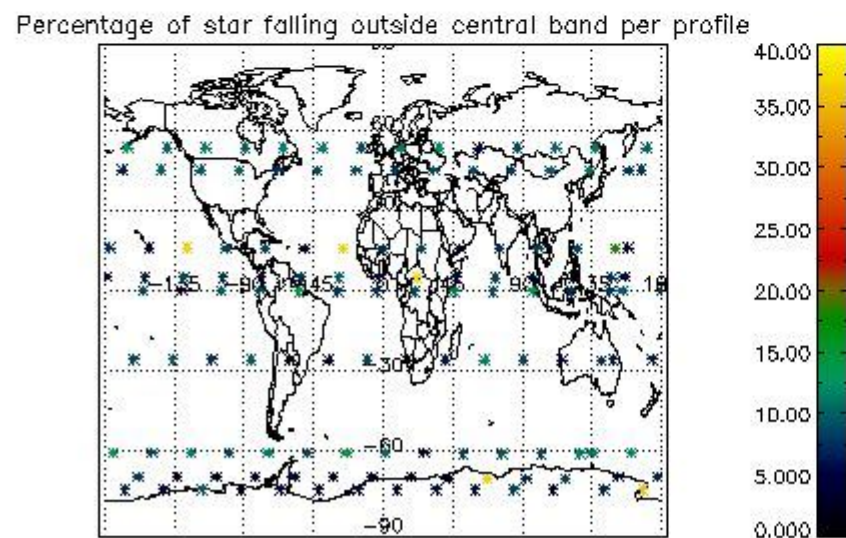
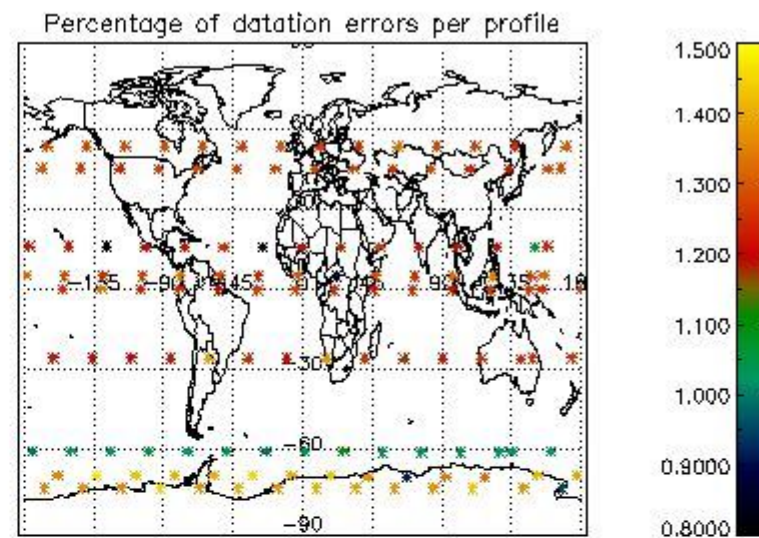
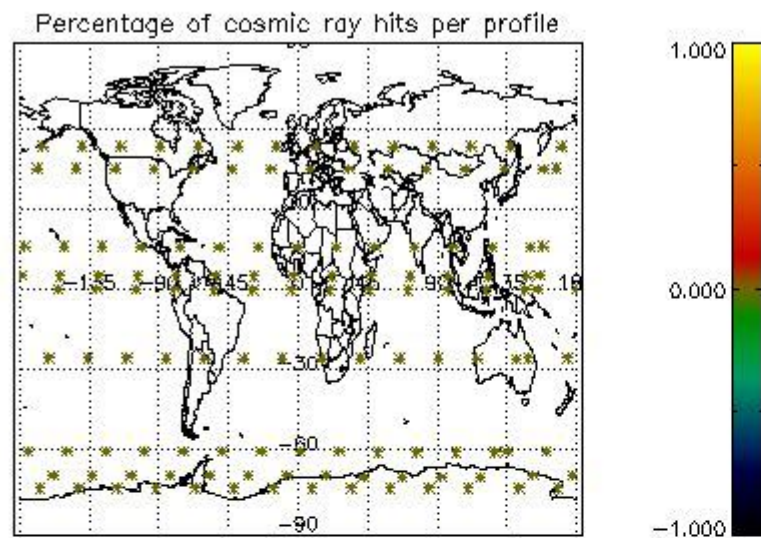
Percentage of star falling outside central band per profile



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

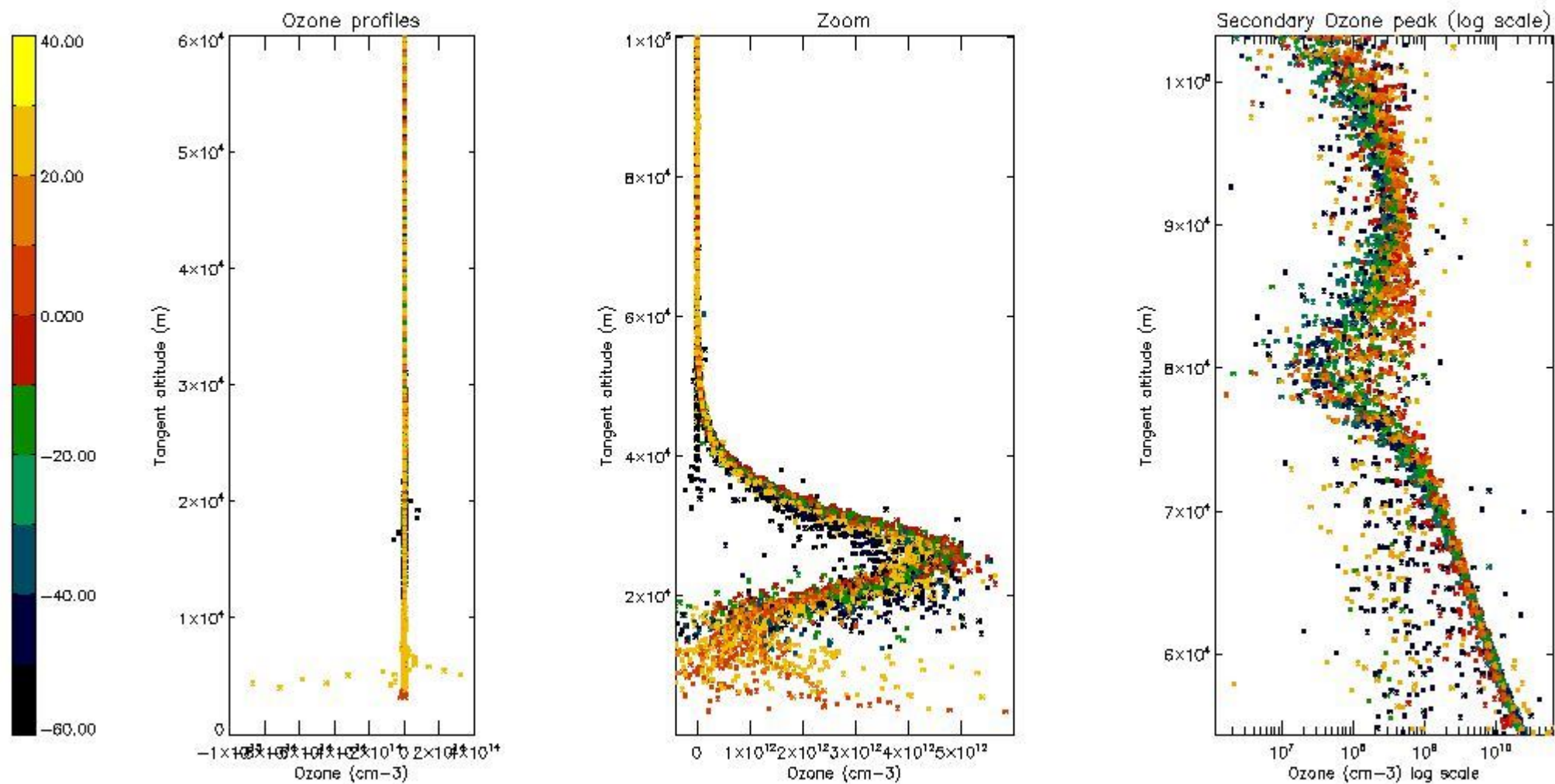
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	24

STD < 10	19
STD < 5	13

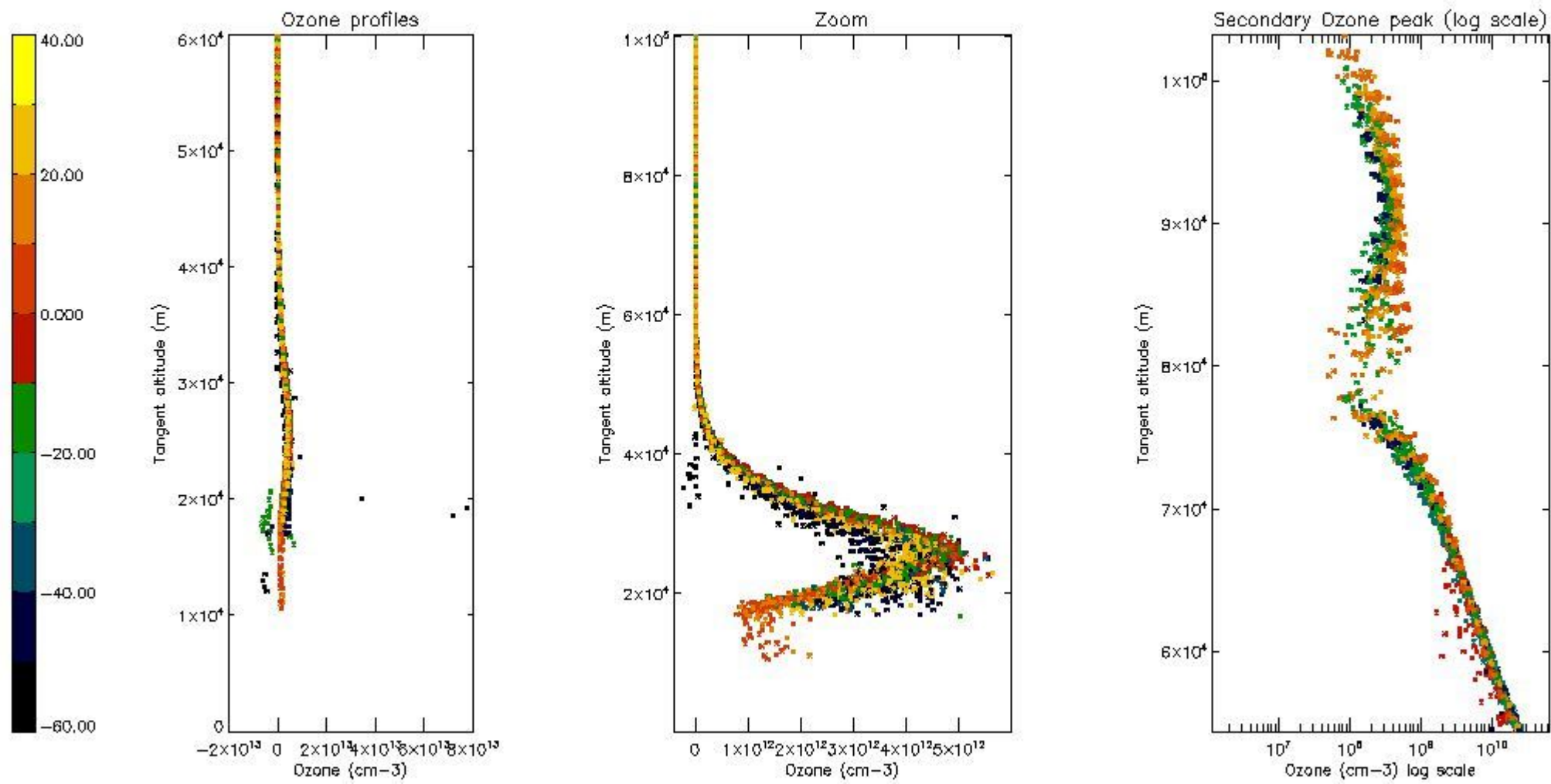
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



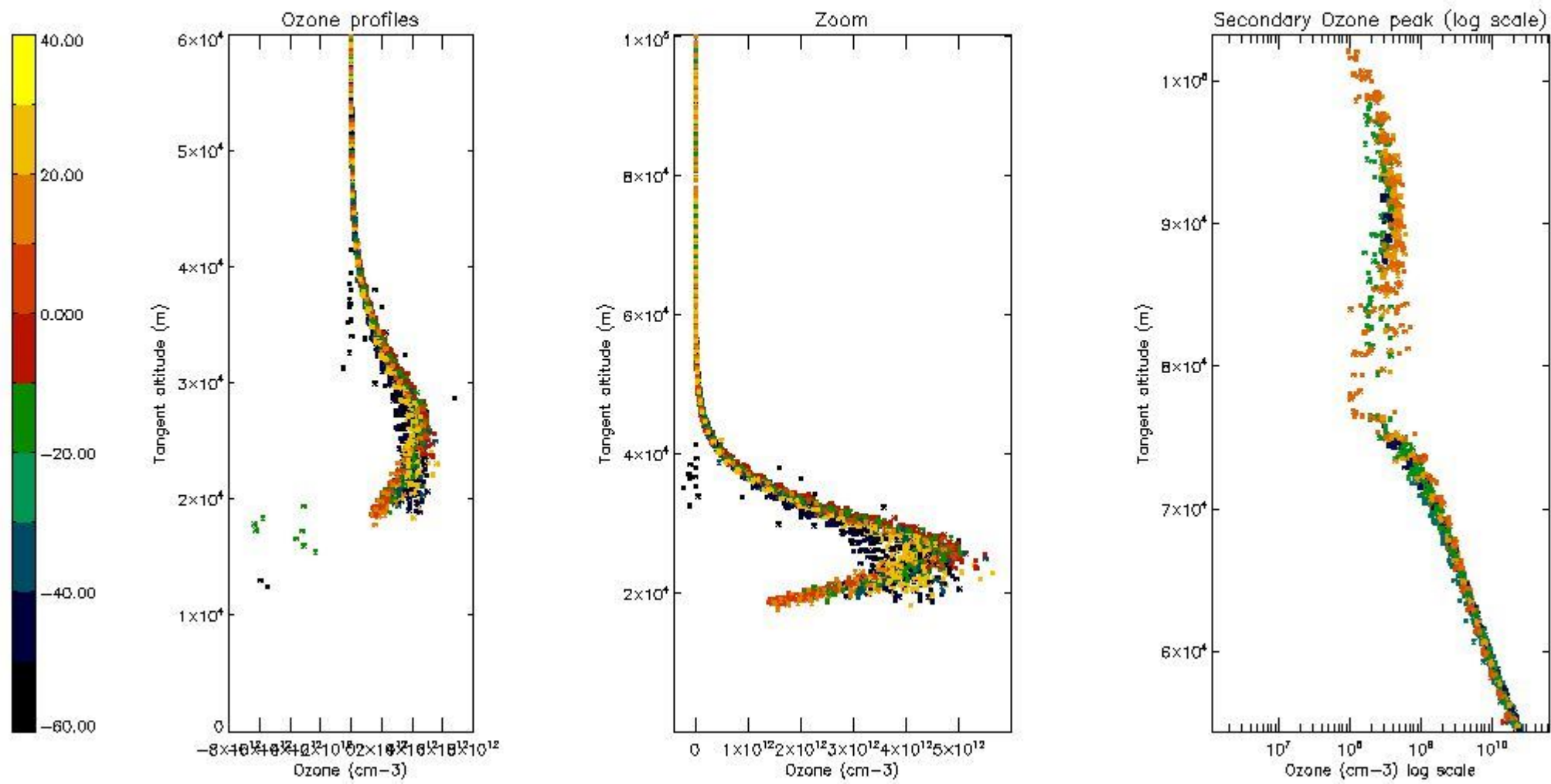
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



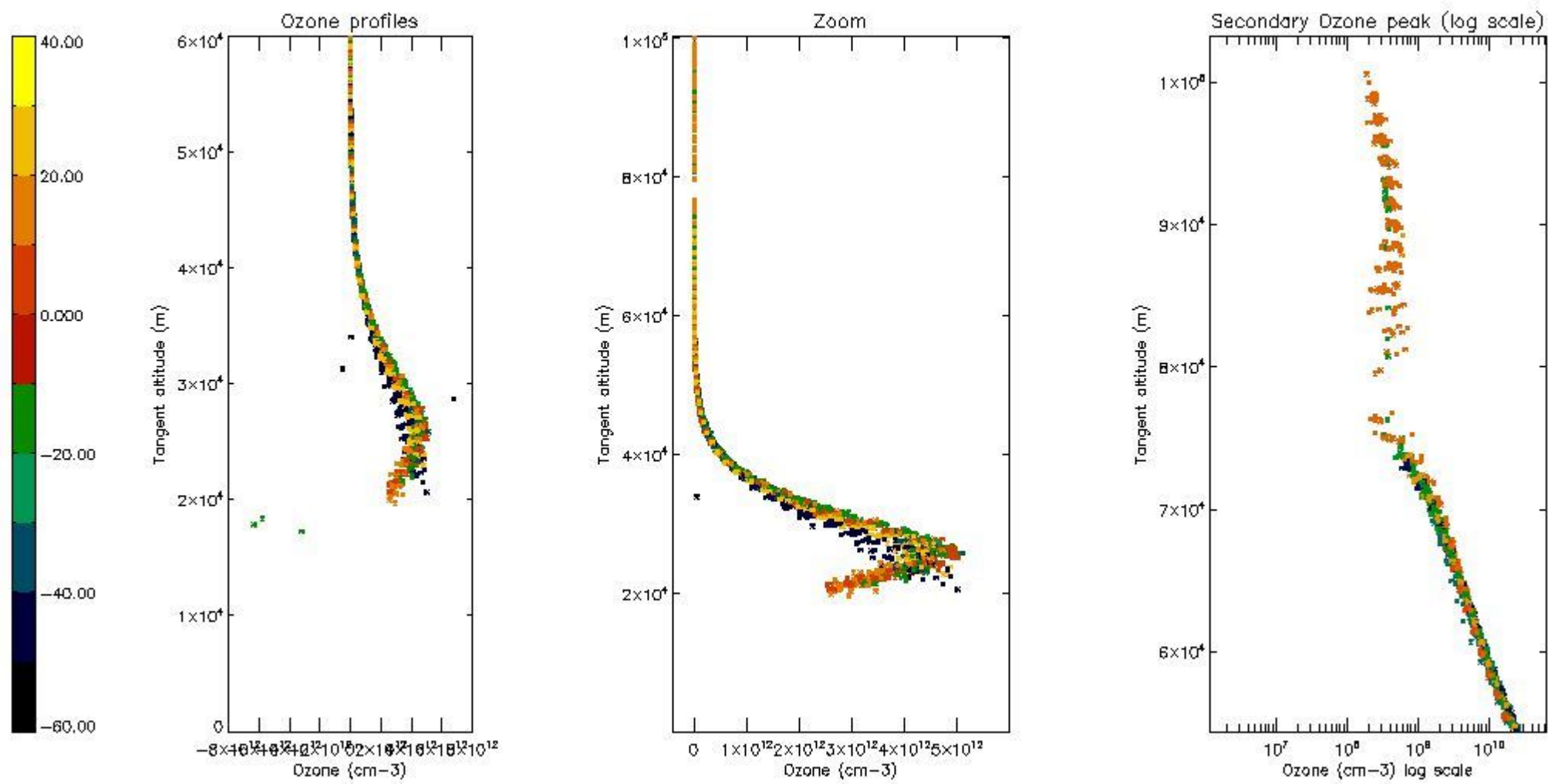
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



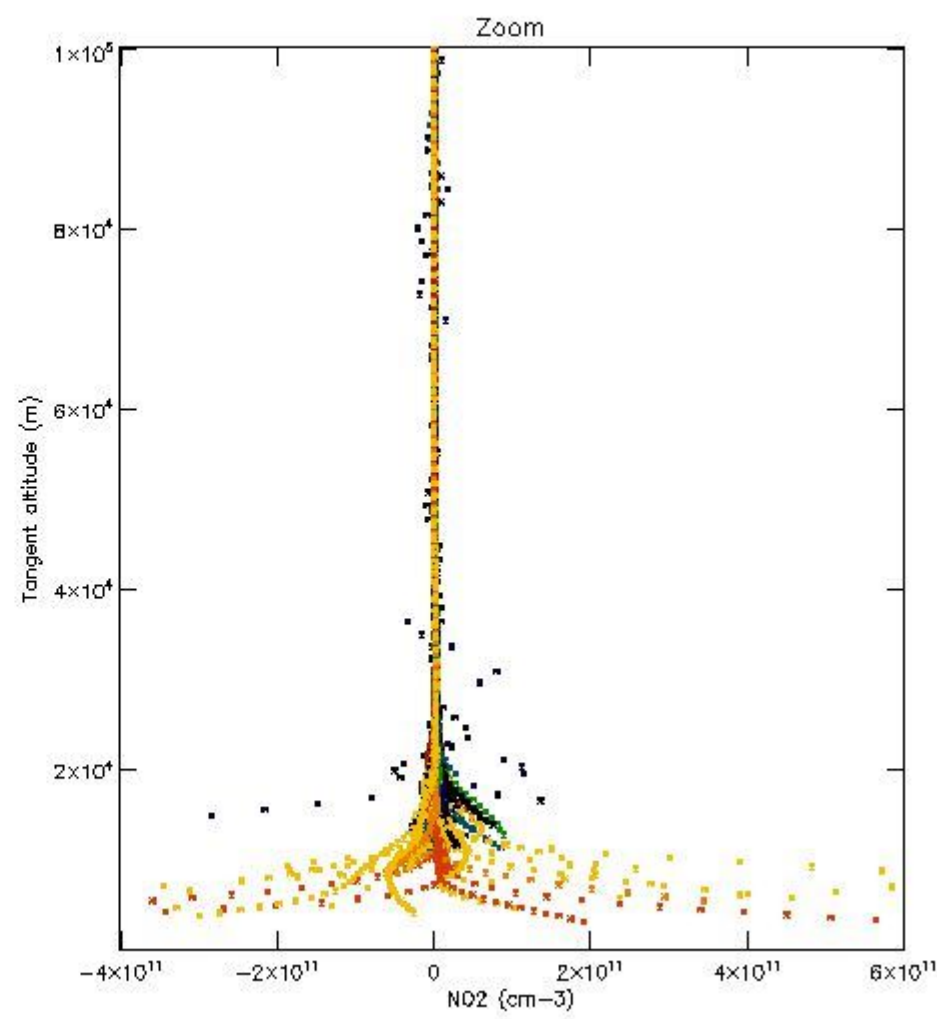
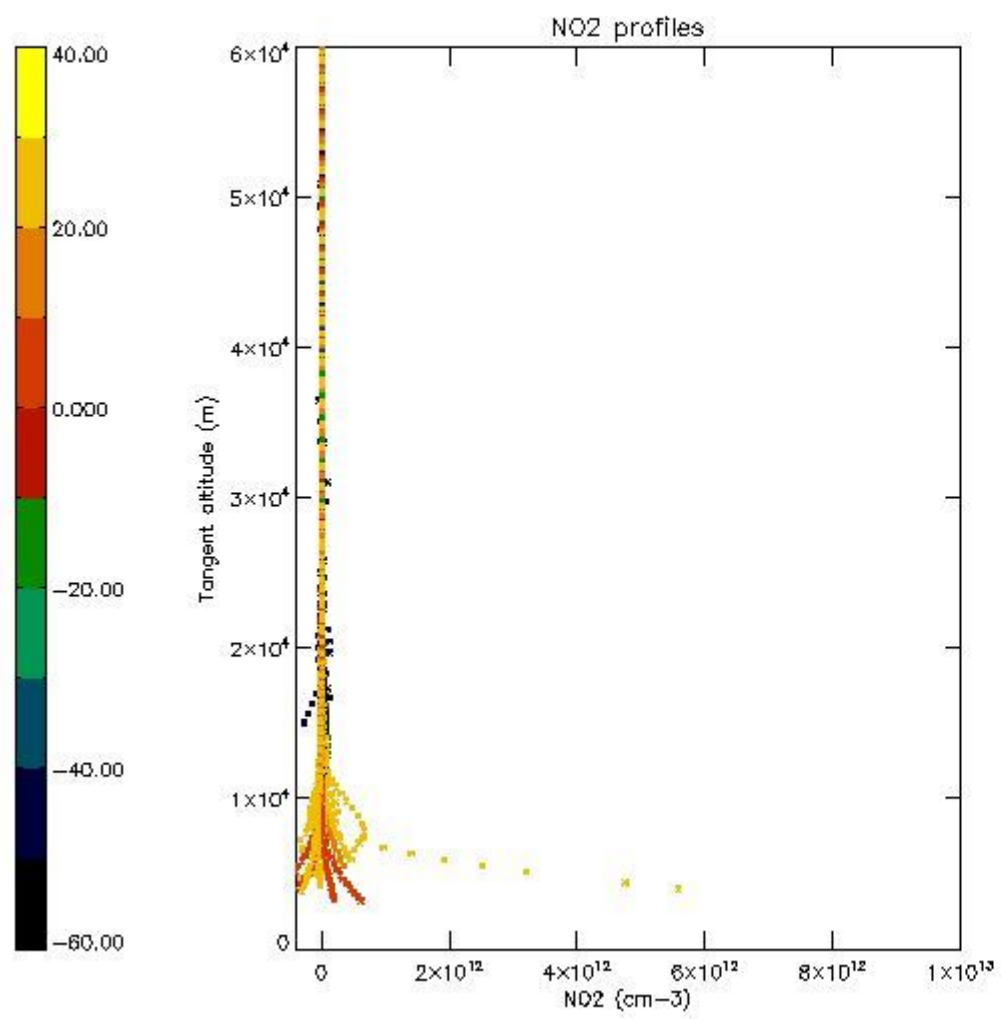
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



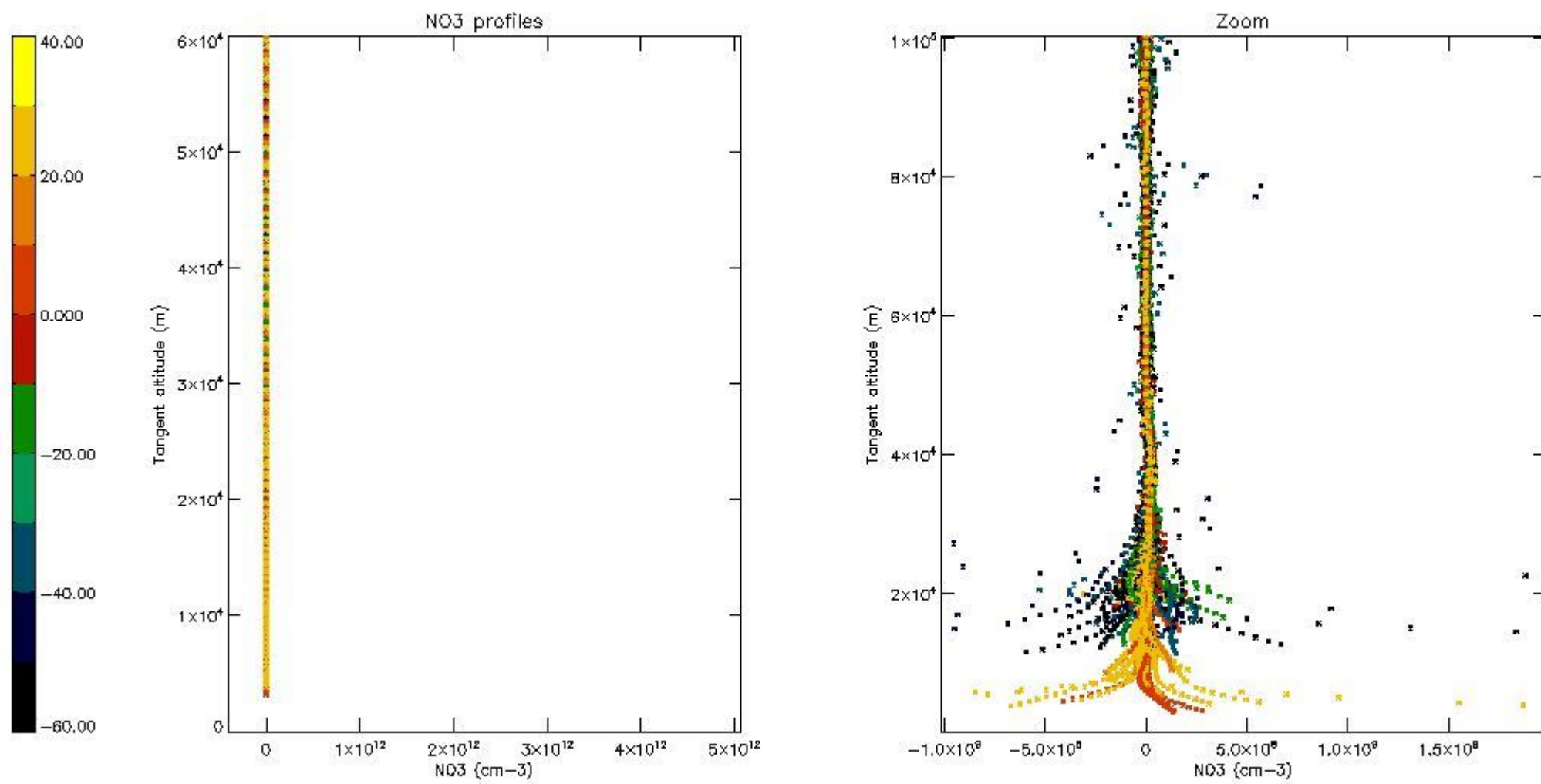
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



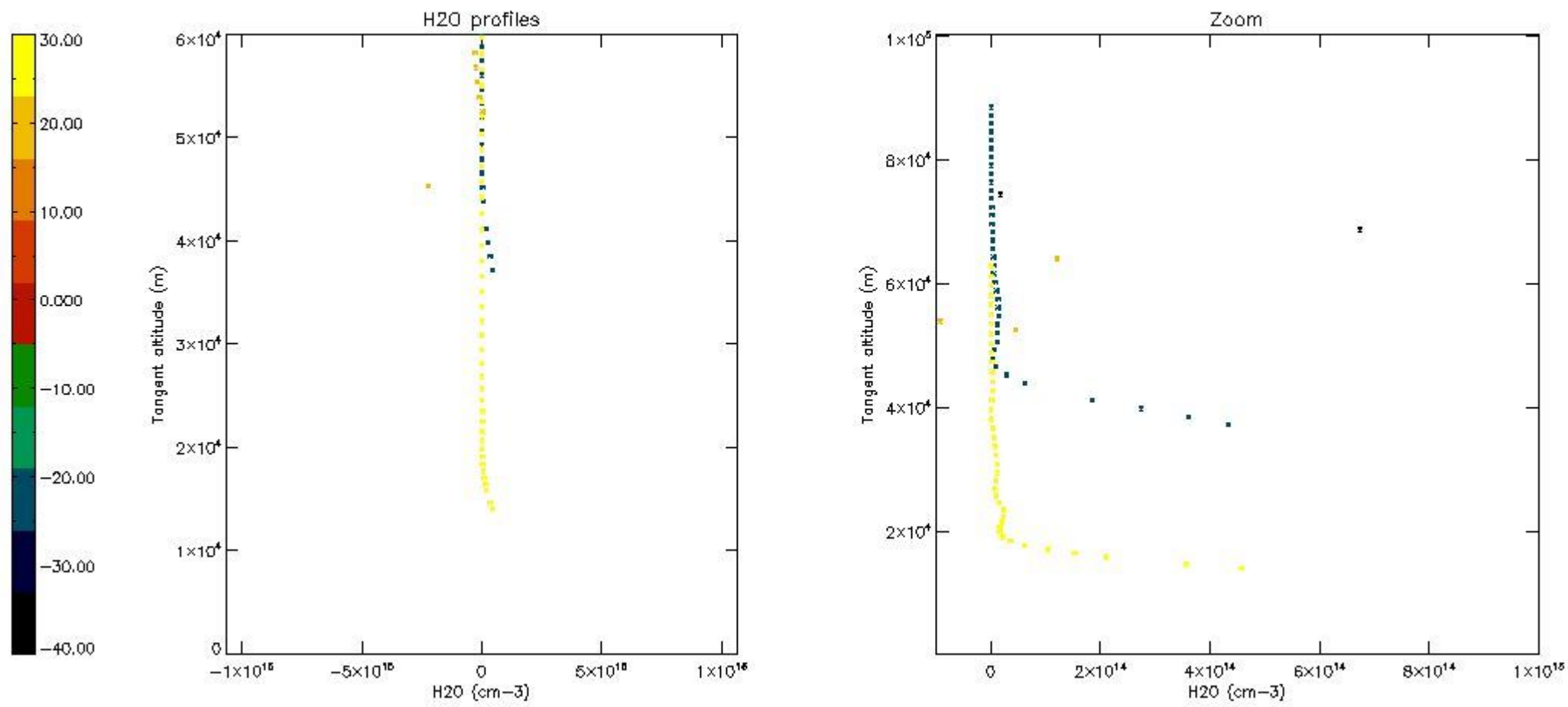
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-MAR-2008 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-MAR-2008 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-MAR-2008 00:00:27

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

161	GOM_NL__2PRFIN20080309_115251_000000612066_00381_31497_1870.N1	09-MAR-2008 11:52:51	Bright	61.000	174	52Psi UMa	3.0040	4400.0	122	31497	No
162	GOM_NL__2PRFIN20080309_115554_000000412066_00381_31497_1871.N1	09-MAR-2008 11:55:54	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	31497	No
163	GOM_NL__2PRFIN20080309_115720_000000402066_00381_31497_1872.N1	09-MAR-2008 11:57:20	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31497	No
164	GOM_NL__2PRFIN20080309_120432_000000402066_00381_31497_1873.N1	09-MAR-2008 12:04:32	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31497	No
165	GOM_NL__2PRFIN20080309_121430_000000482066_00381_31497_1874.N1	09-MAR-2008 12:14:30	Bright	47.500	69	33Gam Dra	2.2310	3800.0	95	31497	No
166	GOM_NL__2PRFIN20080309_121707_000000362066_00381_31497_1875.N1	09-MAR-2008 12:17:07	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31497	No
167	GOM_NL__2PRFIN20080309_121840_000000372066_00381_31497_1876.N1	09-MAR-2008 12:18:40	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31497	No
168	GOM_NL__2PRFIN20080309_122749_000000492066_00381_31497_1877.N1	09-MAR-2008 12:27:49	Tw_i_and_stray	48.500	168	17Zet Aql	2.9860	11000.	97	31497	No
169	GOM_NL__2PRFIN20080309_123757_000000452066_00381_31497_1878.N1	09-MAR-2008 12:37:57	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	31497	No
170	GOM_NL__2PRFIN20080309_123954_000000452066_00381_31497_1879.N1	09-MAR-2008 12:39:54	Dark	45.000	57	34Sig Sgr	2.0660	26000.	90	31497	No
171	GOM_NL__2PRFIN20080309_124313_000000502066_00381_31497_1880.N1	09-MAR-2008 12:43:13	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	31497	No
172	GOM_NL__2PRFIN20080309_124632_000000502066_00381_31497_1881.N1	09-MAR-2008 12:46:32	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	31497	No
173	GOM_NL__2PRFIN20080309_124831_000000402066_00382_31498_1875.N1	09-MAR-2008 12:48:31	Dark	40.000	147	Alp Ara	2.8770	26000.	80	31498	No
174	GOM_NL__2PRFIN20080309_125325_000000382066_00382_31498_1876.N1	09-MAR-2008 12:53:25	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31498	No
175	GOM_NL__2PRFIN20080309_125607_000000472066_00382_31498_1877.N1	09-MAR-2008 12:56:07	Dark	47.000	4	Alp1Cen	-0.010000	5800.0	94	31498	No
176	GOM_NL__2PRFIN20080309_125723_000000502066_00382_31498_1878.N1	09-MAR-2008 12:57:23	Dark	49.500	10	Bet Cen	0.61000	28000.	99	31498	No
177	GOM_NL__2PRFIN20080309_125922_000000442066_00382_31498_1879.N1	09-MAR-2008 12:59:22	Dark	44.000	77	Eps Cen	2.3030	28000.	88	31498	No
178	GOM_NL__2PRFIN20080309_130047_000000492066_00382_31498_1880.N1	09-MAR-2008 13:00:47	Dark	49.000	26	Gam Cru	1.6240	2900.0	98	31498	No
179	GOM_NL__2PRFIN20080309_130224_000000442066_00382_31498_1881.N1	09-MAR-2008 13:02:24	Straylight	44.000	64	Gam Cen	2.2000	10600.	88	31498	No
180	GOM_NL__2PRFIN20080309_130421_000000512066_00382_31498_1882.N1	09-MAR-2008 13:04:21	Straylight	50.500	123	lot Cen	2.7500	10200.	101	31498	No
181	GOM_NL__2PRFIN20080309_131124_000000542066_00382_31498_1883.N1	09-MAR-2008 13:11:24	Straylight	54.000	171	2Eps Crv	3.0010	4250.0	108	31498	No
182	GOM_NL__2PRFIN20080309_132250_000000402066_00382_31498_1884.N1	09-MAR-2008 13:22:50	Bright	39.500	22	32Alp Leo	1.3600	15200.	79	31498	No
183	GOM_NL__2PRFIN20080309_132513_000000402066_00382_31498_1885.N1	09-MAR-2008 13:25:13	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31498	No
184	GOM_NL__2PRFIN20080309_133327_000000402066_00382_31498_1886.N1	09-MAR-2008 13:33:27	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	31498	No
185	GOM_NL__2PRFIN20080309_133630_000000392066_00382_31498_1887.N1	09-MAR-2008 13:36:30	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	31498	No
186	GOM_NL__2PRFIN20080309_133756_000000422066_00382_31498_1888.N1	09-MAR-2008 13:37:56	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	31498	No
187	GOM_NL__2PRFIN20080309_134508_000000362066_00382_31498_1889.N1	09-MAR-2008 13:45:08	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	31498	No
188	GOM_NL__2PRFIN20080309_135505_000000492066_00382_31498_1890.N1	09-MAR-2008 13:55:05	Bright	48.500	69	33Gam Dra	2.2310	3800.0	97	31498	No
189	GOM_NL__2PRFIN20080309_135743_000000362066_00382_31498_1891.N1	09-MAR-2008 13:57:43	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31498	No
190	GOM_NL__2PRFIN20080309_135916_000000352066_00382_31498_1892.N1	09-MAR-2008 13:59:16	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31498	No
191	GOM_NL__2PRFIN20080309_140825_000000512066_00382_31498_1893.N1	09-MAR-2008 14:08:25	Tw_i_and_stray	50.500	168	17Zet Aql	2.9860	11000.	101	31498	No
192	GOM_NL__2PRFIN20080309_141834_000000442066_00382_31498_1894.N1	09-MAR-2008 14:18:34	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	31498	No
193	GOM_NL__2PRFIN20080309_142030_000000432066_00382_31498_1895.N1	09-MAR-2008 14:20:30	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	31498	No
194	GOM_NL__2PRFIN20080309_142350_000000492066_00382_31498_1896.N1	09-MAR-2008 14:23:50	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	31498	No
195	GOM_NL__2PRFIN20080309_142709_000000472066_00382_31498_1897.N1	09-MAR-2008 14:27:09	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	31498	No
196	GOM_NL__2PRFIN20080309_142907_000000422066_00383_31499_1884.N1	09-MAR-2008 14:29:07	Dark	42.000	147	Alp Ara	2.8770	26000.	84	31499	No
197	GOM_NL__2PRFIN20080309_143402_000000382066_00383_31499_1885.N1	09-MAR-2008 14:34:02	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31499	No
198	GOM_NL__2PRFIN20080309_143644_000000442066_00383_31499_1886.N1	09-MAR-2008 14:36:44	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31499	No
199	GOM_NL__2PRFIN20080309_143800_000000412066_00383_31499_1887.N1	09-MAR-2008 14:38:00	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31499	No
200	GOM_NL__2PRFIN20080309_143959_000000432066_00383_31499_1888.N1	09-MAR-2008 14:39:59	Dark	42.500	77	Eps Cen	2.3030	28000.	85	31499	No
201	GOM_NL__2PRFIN20080309_144123_000000482066_00383_31499_1889.N1	09-MAR-2008 14:41:23	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	31499	No
202	GOM_NL__2PRFIN20080309_144301_000000422066_00383_31499_1890.N1	09-MAR-2008 14:43:01	Straylight	42.000	64	Gam Cen	2.2000	10600.	84	31499	No
203	GOM_NL__2PRFIN20080309_144458_000000522066_00383_31499_1891.N1	09-MAR-2008 14:44:58	Straylight	52.000	123	lot Cen	2.7500	10200.	104	31499	No
204	GOM_NL__2PRFIN20080309_145200_000000572066_00383_31499_1892.N1	09-MAR-2008 14:52:00	Straylight	56.500	171	2Eps Crv	3.0010	4250.0	113	31499	No
205	GOM_NL__2PRFIN20080309_150326_000000392066_00383_31499_1893.N1	09-MAR-2008 15:03:26	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31499	No
206	GOM_NL__2PRFIN20080309_150549_000000392066_00383_31499_1894.N1	09-MAR-2008 15:05:49	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	31499	No
207	GOM_NL__2PRFIN20080309_151402_000000422066_00383_31499_1895.N1	09-MAR-2008 15:14:02	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	31499	No
208	GOM_NL__2PRFIN20080309_151705_000000382066_00383_31499_1896.N1	09-MAR-2008 15:17:05	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	31499	No
209	GOM_NL__2PRFIN20080309_151832_000000402066_00383_31499_1897.N1	09-MAR-2008 15:18:32	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31499	No
210	GOM_NL__2PRFIN20080309_152543_000000412066_00383_31499_1898.N1	09-MAR-2008 15:25:43	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31499	No
211	GOM_NL__2PRFIN20080309_153541_000000482066_00383_31499_1899.N1	09-MAR-2008 15:35:41	Bright	47.500	69	33Gam Dra	2.2310	3800.0	95	31499	No
212	GOM_NL__2PRFIN20080309_153819_000000352066_00383_31499_1900.N1	09-MAR-2008 15:38:19	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31499	No
213	GOM_NL__2PRFIN20080309_153953_000000372066_00383_31499_1901.N1	09-MAR-2008 15:39:53	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	31499	No
214	GOM_NL__2PRFIN20080309_154902_000000482066_00383_31499_1902.N1	09-MAR-2008 15:49:02	Tw_i_and_stray	48.000	168	17Zet Aql	2.9860	11000.	96	31499	No
215	GOM_NL__2PRFIN20080309_155910_000000452066_00383_31499_1903.N1	09-MAR-2008 15:59:10	Dark	44.500	155	41Pi Sgr	2.9000	6600.0	89	31499	No
216	GOM_NL__2PRFIN20080309_160107_000000442066_00383_31499_1904.N1	09-MAR-2008 16:01:07	Dark	44.000	57	34Sig Sgr	2.0660	26000.	88	31499	No
217	GOM_NL__2PRFIN20080309_160427_000000502066_00383_31499_1905.N1	09-MAR-2008 16:04:27	Dark	50.000	38	20Eps Sgr	1.8360	11000.	100	31499	No
218	GOM_NL__2PRFIN20080309_160746_000000482066_00383_31499_1906.N1	09-MAR-2008 16:07:46	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	31499	No
219	GOM_NL__2PRFIN20080309_160944_000000432066_00384_31500_1908.N1	09-MAR-2008 16:09:44	Dark	42.500	147	Alp Ara	2.8770	26000.	85	31500	No

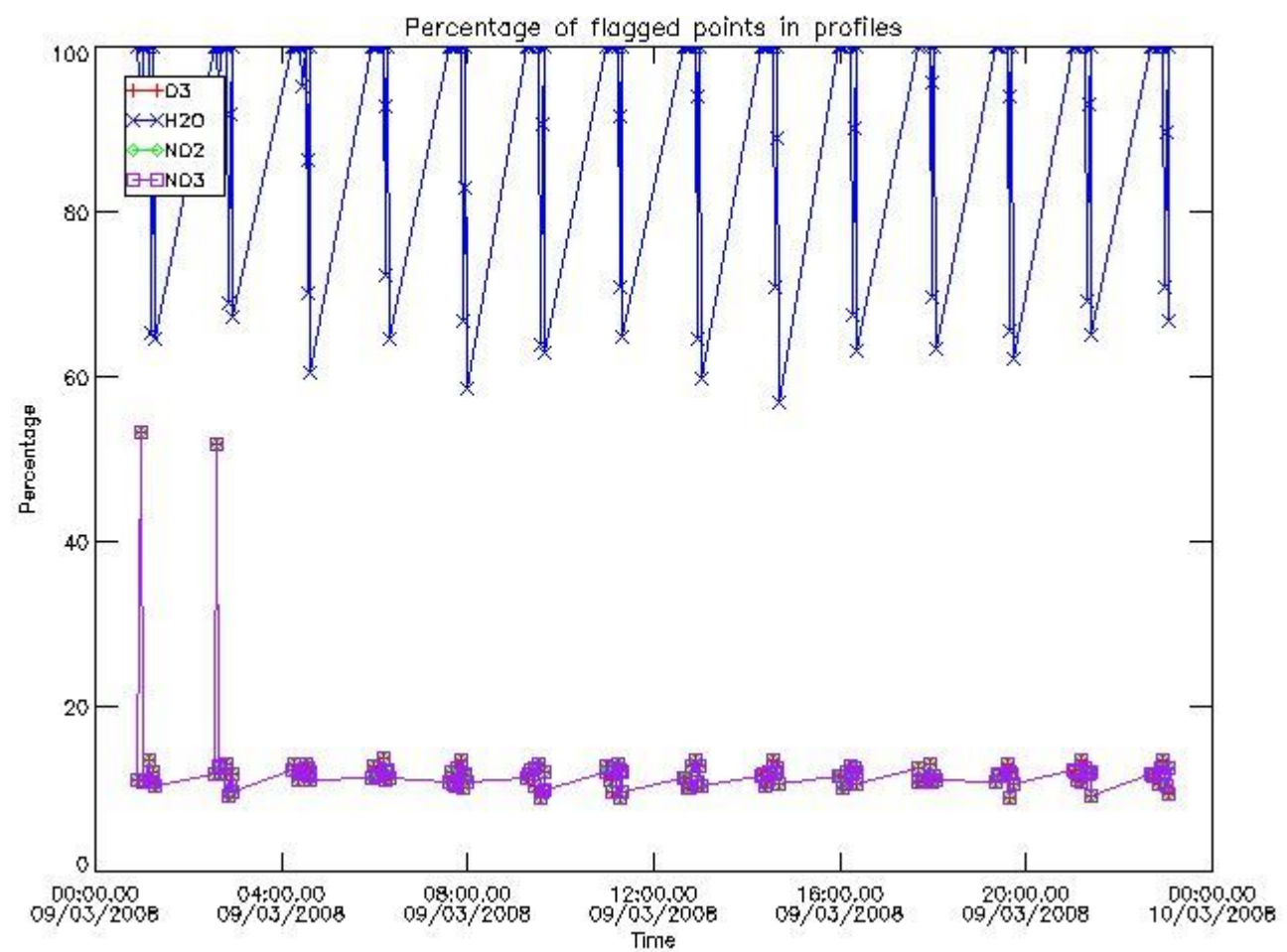
220	GOM_NL__2PRFIN20080309_161438_000000402066_00384_31500_1909.N1	09-MAR-2008 16:14:38	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	31500	No
221	GOM_NL__2PRFIN20080309_161720_000000442066_00384_31500_1910.N1	09-MAR-2008 16:17:20	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31500	No
222	GOM_NL__2PRFIN20080309_161836_000000412066_00384_31500_1911.N1	09-MAR-2008 16:18:36	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31500	No
223	GOM_NL__2PRFIN20080309_162035_000000422066_00384_31500_1912.N1	09-MAR-2008 16:20:35	Dark	42.000	77	Eps Cen	2.3030	28000.	84	31500	No
224	GOM_NL__2PRFIN20080309_162200_000000482066_00384_31500_1913.N1	09-MAR-2008 16:22:00	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	31500	No
225	GOM_NL__2PRFIN20080309_162337_000000492066_00384_31500_1914.N1	09-MAR-2008 16:23:37	Straylight	49.000	64	Gam Cen	2.2000	10600.	98	31500	No
226	GOM_NL__2PRFIN20080309_162535_000000522066_00384_31500_1915.N1	09-MAR-2008 16:25:35	Straylight	51.500	123	lot Cen	2.7500	10200.	103	31500	No
227	GOM_NL__2PRFIN20080309_163236_000000582066_00384_31500_1916.N1	09-MAR-2008 16:32:36	Straylight	58.000	171	2Eps Crv	3.0010	4250.0	116	31500	No
228	GOM_NL__2PRFIN20080309_164402_000000392066_00384_31500_1917.N1	09-MAR-2008 16:44:02	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31500	No
229	GOM_NL__2PRFIN20080309_164625_000000402066_00384_31500_1918.N1	09-MAR-2008 16:46:25	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31500	No
230	GOM_NL__2PRFIN20080309_165438_000000422066_00384_31500_1919.N1	09-MAR-2008 16:54:38	Bright	42.000	174	52Psi UMa	3.0040	4400.0	84	31500	No
231	GOM_NL__2PRFIN20080309_165741_000000402066_00384_31500_1920.N1	09-MAR-2008 16:57:41	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	31500	No
232	GOM_NL__2PRFIN20080309_165907_000000412066_00384_31500_1921.N1	09-MAR-2008 16:59:07	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	31500	No
233	GOM_NL__2PRFIN20080309_170619_000000422066_00384_31500_1922.N1	09-MAR-2008 17:06:19	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31500	No
234	GOM_NL__2PRFIN20080309_171617_000000492066_00384_31500_1923.N1	09-MAR-2008 17:16:17	Bright	49.000	69	33Gam Dra	2.2310	3800.0	98	31500	No
235	GOM_NL__2PRFIN20080309_171855_000000342066_00384_31500_1924.N1	09-MAR-2008 17:18:55	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31500	No
236	GOM_NL__2PRFIN20080309_172029_000000372066_00384_31500_1925.N1	09-MAR-2008 17:20:29	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31500	No
237	GOM_NL__2PRFIN20080309_172938_000000472066_00384_31500_1926.N1	09-MAR-2008 17:29:38	Tw_i_and_stray	46.500	168	17Zet Aql	2.9860	11000.	93	31500	No
238	GOM_NL__2PRFIN20080309_173947_000000412066_00384_31500_1927.N1	09-MAR-2008 17:39:47	Dark	41.000	155	41Pi Sgr	2.9000	6600.0	82	31500	No
239	GOM_NL__2PRFIN20080309_174144_000000472066_00384_31500_1928.N1	09-MAR-2008 17:41:44	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	31500	No
240	GOM_NL__2PRFIN20080309_174504_000000462066_00384_31500_1929.N1	09-MAR-2008 17:45:04	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	31500	No
241	GOM_NL__2PRFIN20080309_175515_000000402066_00385_31501_1923.N1	09-MAR-2008 17:55:15	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	31501	No
242	GOM_NL__2PRFIN20080309_175757_000000472066_00385_31501_1924.N1	09-MAR-2008 17:57:57	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	31501	No
243	GOM_NL__2PRFIN20080309_175913_000000462066_00385_31501_1925.N1	09-MAR-2008 17:59:13	Dark	46.000	10	Bet Cen	0.61000	28000.	92	31501	No
244	GOM_NL__2PRFIN20080309_180112_000000452066_00385_31501_1926.N1	09-MAR-2008 18:01:12	Dark	44.500	77	Eps Cen	2.3030	28000.	89	31501	No
245	GOM_NL__2PRFIN20080309_180236_000000552066_00385_31501_1927.N1	09-MAR-2008 18:02:36	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	31501	No
246	GOM_NL__2PRFIN20080309_180414_000000412066_00385_31501_1928.N1	09-MAR-2008 18:04:14	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	31501	No
247	GOM_NL__2PRFIN20080309_180611_000000532066_00385_31501_1929.N1	09-MAR-2008 18:06:11	Straylight	52.500	123	lot Cen	2.7500	10200.	105	31501	No
248	GOM_NL__2PRFIN20080309_181313_000000582066_00385_31501_1930.N1	09-MAR-2008 18:13:13	Straylight	57.500	171	2Eps Crv	3.0010	4250.0	115	31501	No
249	GOM_NL__2PRFIN20080309_182438_000000392066_00385_31501_1931.N1	09-MAR-2008 18:24:38	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31501	No
250	GOM_NL__2PRFIN20080309_182701_000000412066_00385_31501_1932.N1	09-MAR-2008 18:27:01	Bright	40.500	51	41Gam1Leo	2.0100	4500.0	81	31501	No
251	GOM_NL__2PRFIN20080309_183513_000000612066_00385_31501_1933.N1	09-MAR-2008 18:35:13	Bright	61.000	174	52Psi UMa	3.0040	4400.0	122	31501	No
252	GOM_NL__2PRFIN20080309_183817_000000402066_00385_31501_1934.N1	09-MAR-2008 18:38:17	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	31501	No
253	GOM_NL__2PRFIN20080309_183943_000000382066_00385_31501_1935.N1	09-MAR-2008 18:39:43	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	31501	No
254	GOM_NL__2PRFIN20080309_184654_000000422066_00385_31501_1936.N1	09-MAR-2008 18:46:54	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	31501	No
255	GOM_NL__2PRFIN20080309_185652_000000482066_00385_31501_1937.N1	09-MAR-2008 18:56:52	Bright	48.000	69	33Gam Dra	2.2310	3800.0	96	31501	No
256	GOM_NL__2PRFIN20080309_185931_000000372066_00385_31501_1938.N1	09-MAR-2008 18:59:31	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	31501	No
257	GOM_NL__2PRFIN20080309_190105_000000372066_00385_31501_1939.N1	09-MAR-2008 19:01:05	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	31501	No
258	GOM_NL__2PRFIN20080309_191015_000000482066_00385_31501_1940.N1	09-MAR-2008 19:10:15	Tw_i_and_stray	48.000	168	17Zet Aql	2.9860	11000.	96	31501	No
259	GOM_NL__2PRFIN20080309_192024_000000482066_00385_31501_1941.N1	09-MAR-2008 19:20:24	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	31501	No
260	GOM_NL__2PRFIN20080309_192220_000000432066_00385_31501_1942.N1	09-MAR-2008 19:22:20	Dark	43.000	57	34Sig Sgr	2.0660	26000.	86	31501	No
261	GOM_NL__2PRFIN20080309_192540_000000442066_00385_31501_1943.N1	09-MAR-2008 19:25:40	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	31501	No
262	GOM_NL__2PRFIN20080309_193551_000000392066_00386_31502_1938.N1	09-MAR-2008 19:35:51	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	31502	No
263	GOM_NL__2PRFIN20080309_193833_000000572066_00386_31502_1939.N1	09-MAR-2008 19:38:33	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	31502	No
264	GOM_NL__2PRFIN20080309_193949_000000422066_00386_31502_1940.N1	09-MAR-2008 19:39:49	Dark	42.000	10	Bet Cen	0.61000	28000.	84	31502	No
265	GOM_NL__2PRFIN20080309_194148_000000432066_00386_31502_1941.N1	09-MAR-2008 19:41:48	Dark	43.000	77	Eps Cen	2.3030	28000.	86	31502	No
266	GOM_NL__2PRFIN20080309_194313_000000482066_00386_31502_1942.N1	09-MAR-2008 19:43:13	Dark	48.000	26	Gam Cru	1.6240	2900.0	96	31502	No
267	GOM_NL__2PRFIN20080309_194450_000000422066_00386_31502_1943.N1	09-MAR-2008 19:44:50	Straylight	41.500	64	Gam Cen	2.2000	10600.	83	31502	No
268	GOM_NL__2PRFIN20080309_194648_000000532066_00386_31502_1944.N1	09-MAR-2008 19:46:48	Straylight	52.500	123	lot Cen	2.7500	10200.	105	31502	No
269	GOM_NL__2PRFIN20080309_195349_000000572066_00386_31502_1945.N1	09-MAR-2008 19:53:49	Straylight	57.000	171	2Eps Crv	3.0010	4250.0	114	31502	No
270	GOM_NL__2PRFIN20080309_200514_000000392066_00386_31502_1946.N1	09-MAR-2008 20:05:14	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31502	No
271	GOM_NL__2PRFIN20080309_200736_000000402066_00386_31502_1947.N1	09-MAR-2008 20:07:36	Bright	39.500	51	41Gam1Leo	2.0100	4500.0	79	31502	No
272	GOM_NL__2PRFIN20080309_201549_000000412066_00386_31502_1948.N1	09-MAR-2008 20:15:49	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	31502	No
273	GOM_NL__2PRFIN20080309_201852_000000392066_00386_31502_1949.N1	09-MAR-2008 20:18:52	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	31502	No
274	GOM_NL__2PRFIN20080309_202019_000000402066_00386_31502_1950.N1	09-MAR-2008 20:20:19	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31502	No
275	GOM_NL__2PRFIN20080309_202730_000000412066_00386_31502_1951.N1	09-MAR-2008 20:27:30	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	31502	No
276	GOM_NL__2PRFIN20080309_203728_000000512066_00386_31502_1952.N1	09-MAR-2008 20:37:28	Bright	50.500	69	33Gam Dra	2.2310	3800.0	101	31502	No
277	GOM_NL__2PRFIN20080309_204007_000000362066_00386_31502_1953.N1	09-MAR-2008 20:40:07	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31502	No
278	GOM_NL__2PRFIN20080309_204141_000000532066_00386_31502_1954.N1	09-MAR-2008 20:41:41	Bright	53.000	66	37Gam Cyg	2.2080	5900.0	106	31502	No

279	GOM_NL__2PRFIN20080309_205051_000000482066_00386_31502_1955.N1	09-MAR-2008 20:50:51	Tw_i_and_stray	48.000	168	17Zet Aql	2.9860	11000.	96	31502	No
280	GOM_NL__2PRFIN20080309_210100_000000422066_00386_31502_1956.N1	09-MAR-2008 21:01:00	Dark	41.500	155	41Pi Sgr	2.9000	6600.0	83	31502	No
281	GOM_NL__2PRFIN20080309_210257_000000432066_00386_31502_1957.N1	09-MAR-2008 21:02:57	Dark	42.500	57	34Sig Sgr	2.0660	26000.	85	31502	No
282	GOM_NL__2PRFIN20080309_210617_000000462066_00386_31502_1958.N1	09-MAR-2008 21:06:17	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	31502	No
283	GOM_NL__2PRFIN20080309_210937_000000482066_00386_31502_1959.N1	09-MAR-2008 21:09:37	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	31502	No
284	GOM_NL__2PRFIN20080309_211134_000000422066_00387_31503_1952.N1	09-MAR-2008 21:11:34	Dark	41.500	147	Alp Ara	2.8770	26000.	83	31503	No
285	GOM_NL__2PRFIN20080309_211628_000000412066_00387_31503_1953.N1	09-MAR-2008 21:16:28	Dark	40.500	134	Bet TrA	2.8100	6600.0	81	31503	No
286	GOM_NL__2PRFIN20080309_211910_000000432066_00387_31503_1954.N1	09-MAR-2008 21:19:10	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31503	No
287	GOM_NL__2PRFIN20080309_212026_000000442066_00387_31503_1955.N1	09-MAR-2008 21:20:26	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31503	No
288	GOM_NL__2PRFIN20080309_212225_000000432066_00387_31503_1956.N1	09-MAR-2008 21:22:25	Dark	42.500	77	Eps Cen	2.3030	28000.	85	31503	No
289	GOM_NL__2PRFIN20080309_212349_000000552066_00387_31503_1957.N1	09-MAR-2008 21:23:49	Dark	55.000	26	Gam Cru	1.6240	2900.0	110	31503	No
290	GOM_NL__2PRFIN20080309_212526_000000412066_00387_31503_1958.N1	09-MAR-2008 21:25:26	Straylight	41.000	64	Gam Cen	2.2000	10600.	82	31503	No
291	GOM_NL__2PRFIN20080309_212725_000000502066_00387_31503_1959.N1	09-MAR-2008 21:27:25	Straylight	50.000	123	lot Cen	2.7500	10200.	100	31503	No
292	GOM_NL__2PRFIN20080309_213425_000000532066_00387_31503_1960.N1	09-MAR-2008 21:34:25	Straylight	53.000	171	2Eps Crv	3.0010	4250.0	106	31503	No
293	GOM_NL__2PRFIN20080309_214550_000000392066_00387_31503_1961.N1	09-MAR-2008 21:45:50	Bright	39.000	22	32Alp Leo	1.3600	15200.	78	31503	No
294	GOM_NL__2PRFIN20080309_214812_000000392066_00387_31503_1962.N1	09-MAR-2008 21:48:12	Bright	38.500	51	41Gam1Leo	2.0100	4500.0	77	31503	No
295	GOM_NL__2PRFIN20080309_215624_000000412066_00387_31503_1963.N1	09-MAR-2008 21:56:24	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	31503	No
296	GOM_NL__2PRFIN20080309_215928_000000382066_00387_31503_1964.N1	09-MAR-2008 21:59:28	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31503	No
297	GOM_NL__2PRFIN20080309_220054_000000402066_00387_31503_1965.N1	09-MAR-2008 22:00:54	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	31503	No
298	GOM_NL__2PRFIN20080309_220806_000000402066_00387_31503_1966.N1	09-MAR-2008 22:08:06	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31503	No
299	GOM_NL__2PRFIN20080309_221804_000000492066_00387_31503_1967.N1	09-MAR-2008 22:18:04	Bright	49.000	69	33Gam Dra	2.2310	3800.0	98	31503	No
300	GOM_NL__2PRFIN20080309_222043_000000362066_00387_31503_1968.N1	09-MAR-2008 22:20:43	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31503	No
301	GOM_NL__2PRFIN20080309_222217_000000372066_00387_31503_1969.N1	09-MAR-2008 22:22:17	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	31503	No
302	GOM_NL__2PRFIN20080309_223127_000000492066_00387_31503_1970.N1	09-MAR-2008 22:31:27	Tw_i_and_stray	48.500	168	17Zet Aql	2.9860	11000.	97	31503	No
303	GOM_NL__2PRFIN20080309_224137_000000432066_00387_31503_1971.N1	09-MAR-2008 22:41:37	Dark	43.000	155	41Pi Sgr	2.9000	6600.0	86	31503	No
304	GOM_NL__2PRFIN20080309_224334_000000452066_00387_31503_1972.N1	09-MAR-2008 22:43:34	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	31503	No
305	GOM_NL__2PRFIN20080309_224654_000000432066_00387_31503_1973.N1	09-MAR-2008 22:46:54	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31503	No
306	GOM_NL__2PRFIN20080309_225014_000000482066_00387_31503_1974.N1	09-MAR-2008 22:50:14	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	31503	No
307	GOM_NL__2PRFIN20080309_225211_000000412066_00388_31504_1971.N1	09-MAR-2008 22:52:11	Dark	40.500	147	Alp Ara	2.8770	26000.	81	31504	No
308	GOM_NL__2PRFIN20080309_225704_000000382066_00388_31504_1972.N1	09-MAR-2008 22:57:04	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	31504	No
309	GOM_NL__2PRFIN20080309_225946_000000442066_00388_31504_1973.N1	09-MAR-2008 22:59:46	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31504	No
310	GOM_NL__2PRFIN20080309_230102_000000492066_00388_31504_1974.N1	09-MAR-2008 23:01:02	Dark	49.000	10	Bet Cen	0.61000	28000.	98	31504	No
311	GOM_NL__2PRFIN20080309_230302_000000412066_00388_31504_1975.N1	09-MAR-2008 23:03:02	Dark	41.000	77	Eps Cen	2.3030	28000.	82	31504	No
312	GOM_NL__2PRFIN20080309_230425_000000552066_00388_31504_1976.N1	09-MAR-2008 23:04:25	Dark	54.500	26	Gam Cru	1.6240	2900.0	109	31504	No
313	GOM_NL__2PRFIN20080309_230603_000000452066_00388_31504_1977.N1	09-MAR-2008 23:06:03	Straylight	45.000	64	Gam Cen	2.2000	10600.	90	31504	No
314	GOM_NL__2PRFIN20080309_230801_000000542066_00388_31504_1978.N1	09-MAR-2008 23:08:01	Straylight	53.500	123	lot Cen	2.7500	10200.	107	31504	No
315	GOM_NL__2PRFIN20080309_231501_000000562066_00388_31504_1979.N1	09-MAR-2008 23:15:01	Straylight	56.000	171	2Eps Crv	3.0010	4250.0	112	31504	No
316	GOM_NL__2PRFIN20080309_232626_000000392066_00388_31504_1980.N1	09-MAR-2008 23:26:26	Bright	38.500	22	32Alp Leo	1.3600	15200.	77	31504	No
317	GOM_NL__2PRFIN20080309_232848_000000392066_00388_31504_1981.N1	09-MAR-2008 23:28:48	Bright	39.000	51	41Gam1Leo	2.0100	4500.0	78	31504	No
318	GOM_NL__2PRFIN20080309_233700_000000412066_00388_31504_1982.N1	09-MAR-2008 23:37:00	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	31504	No
319	GOM_NL__2PRFIN20080309_234003_000000382066_00388_31504_1983.N1	09-MAR-2008 23:40:03	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	31504	No
320	GOM_NL__2PRFIN20080309_234130_000000402066_00388_31504_1984.N1	09-MAR-2008 23:41:30	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	31504	No
321	GOM_NL__2PRFIN20080309_234841_000000402066_00388_31504_1985.N1	09-MAR-2008 23:48:41	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	31504	No
322	GOM_NL__2PRFIN20080309_235839_000000492066_00388_31504_1986.N1	09-MAR-2008 23:58:39	Bright	49.000	69	33Gam Dra	2.2310	3800.0	98	31504	No

3. Quality information per product

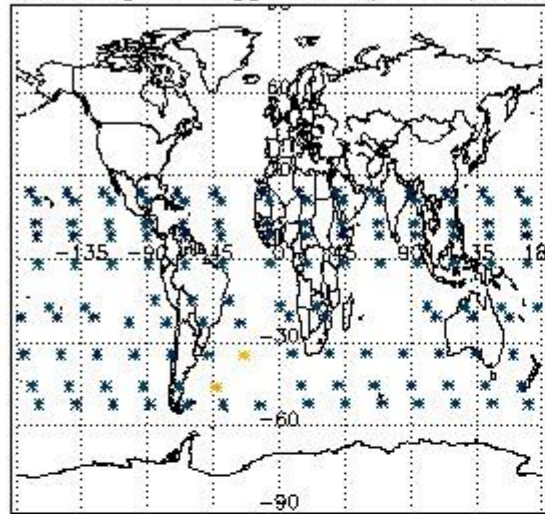
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

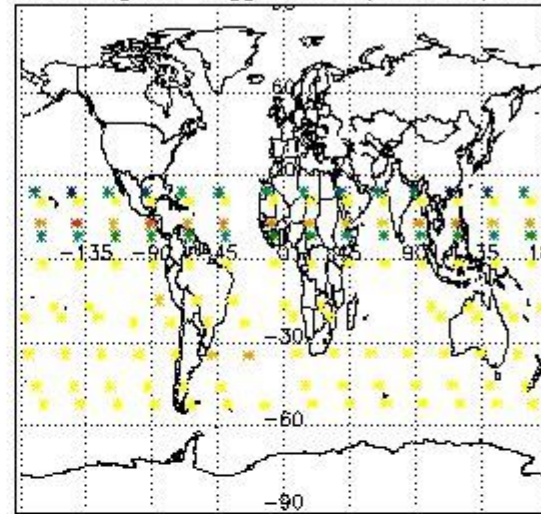


3.2 Plot quality information per product (world map)

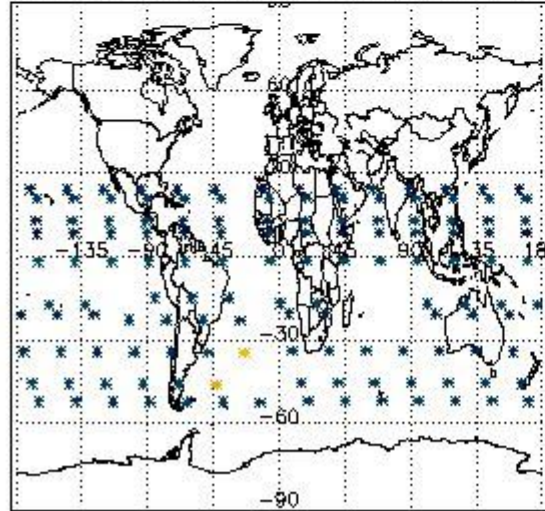
Percentage of flagged data per O3 profile



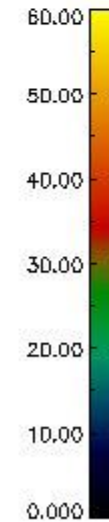
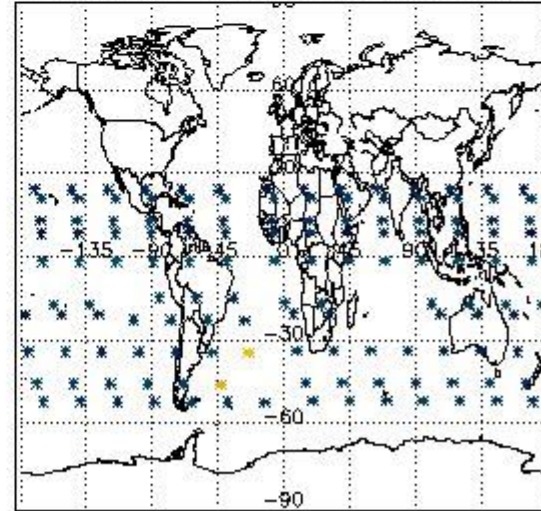
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

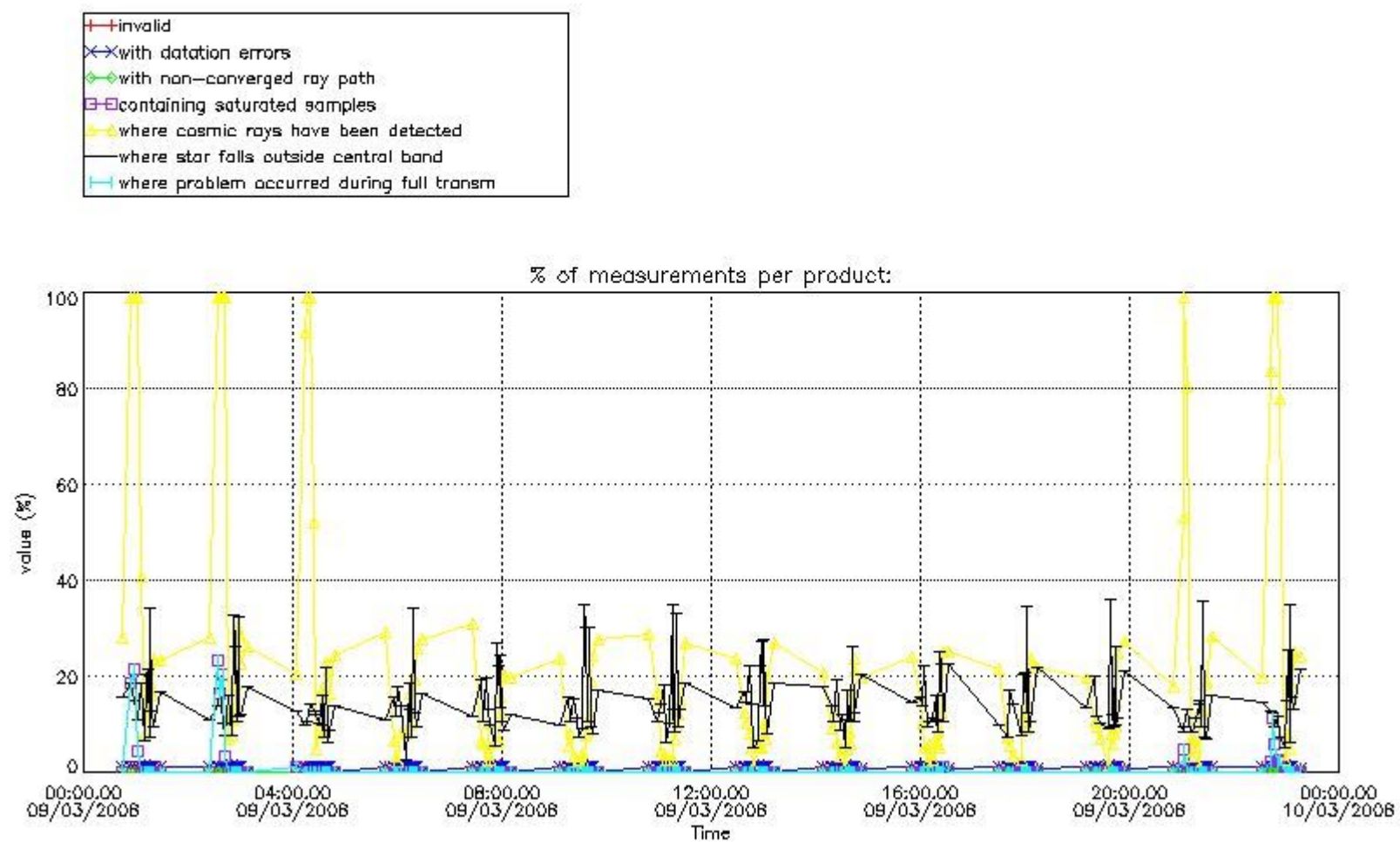


4. Level 1 quality information per product

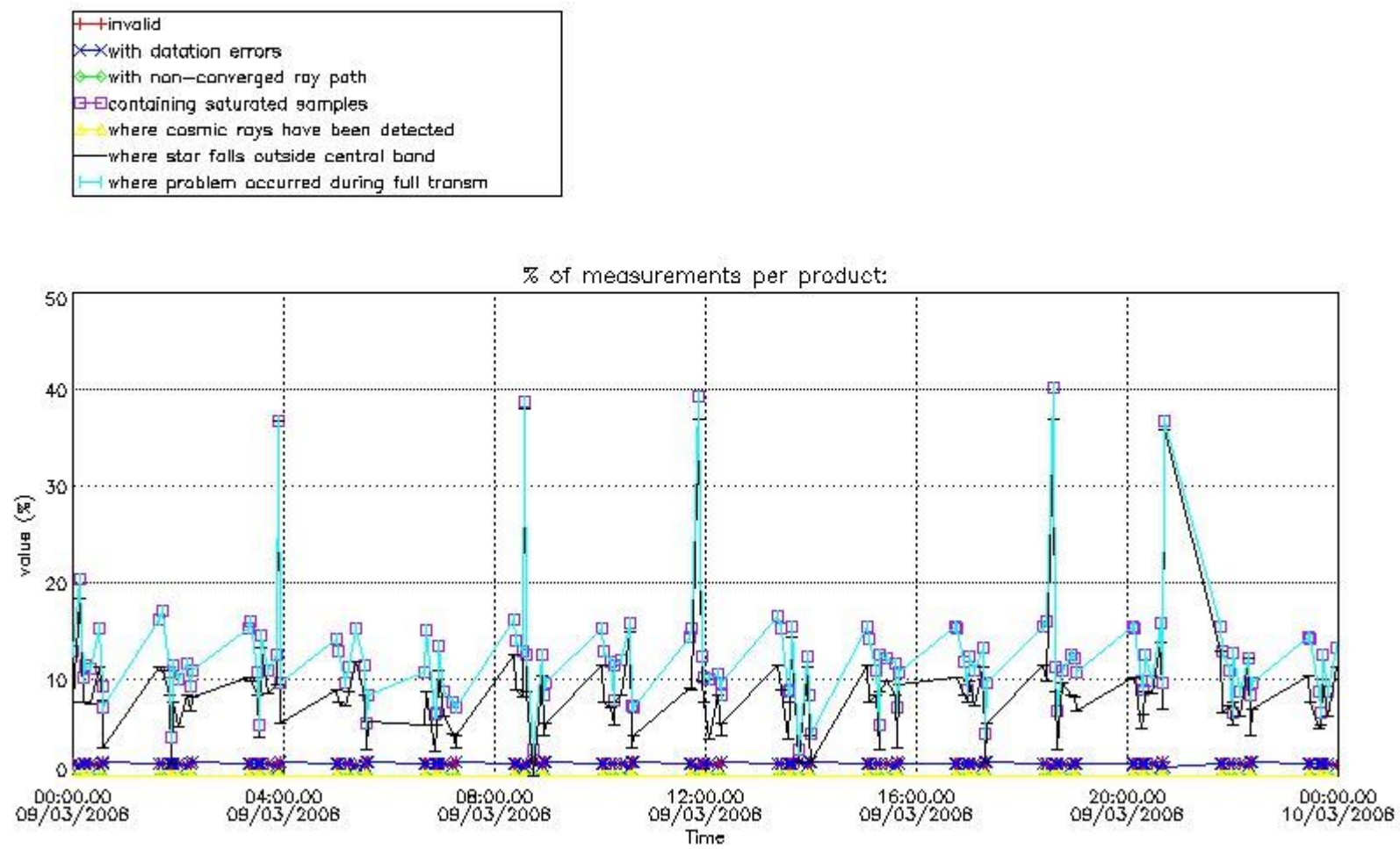
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

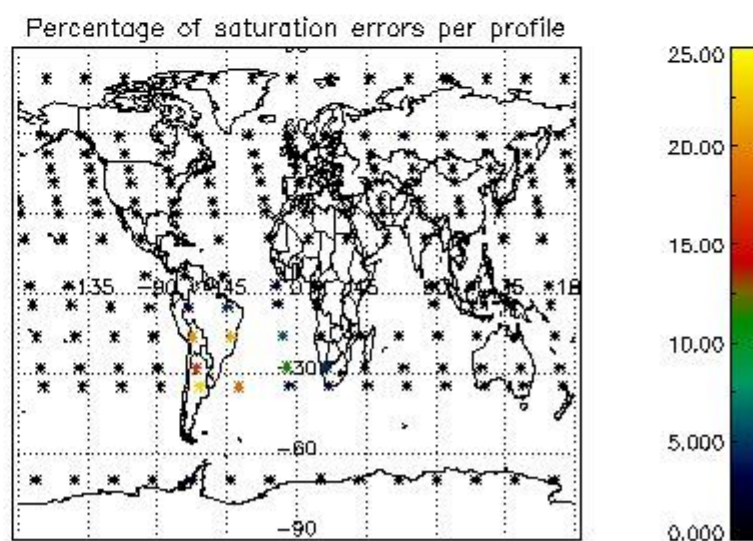
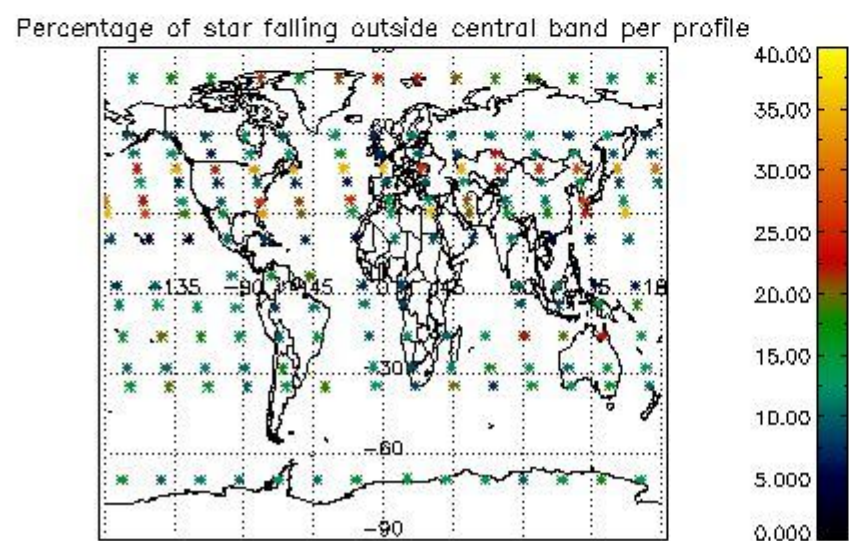
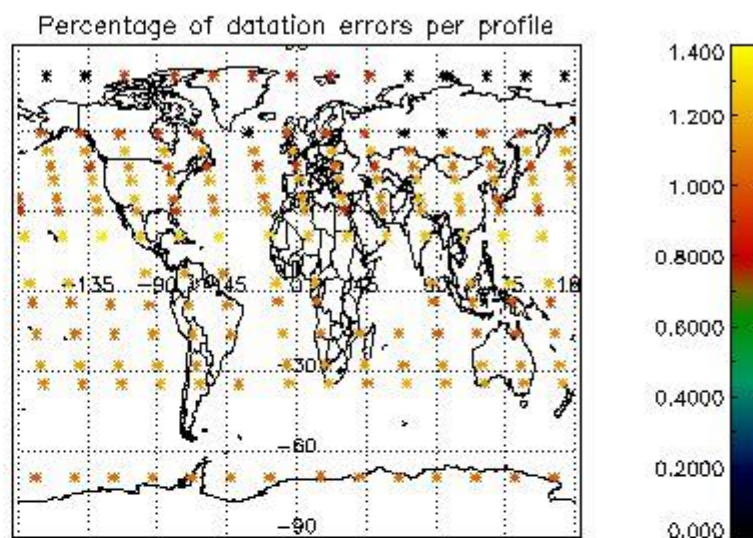
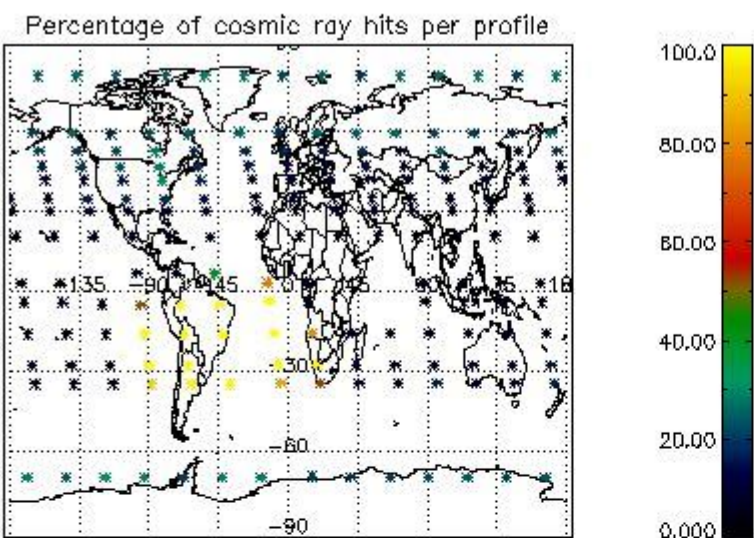


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

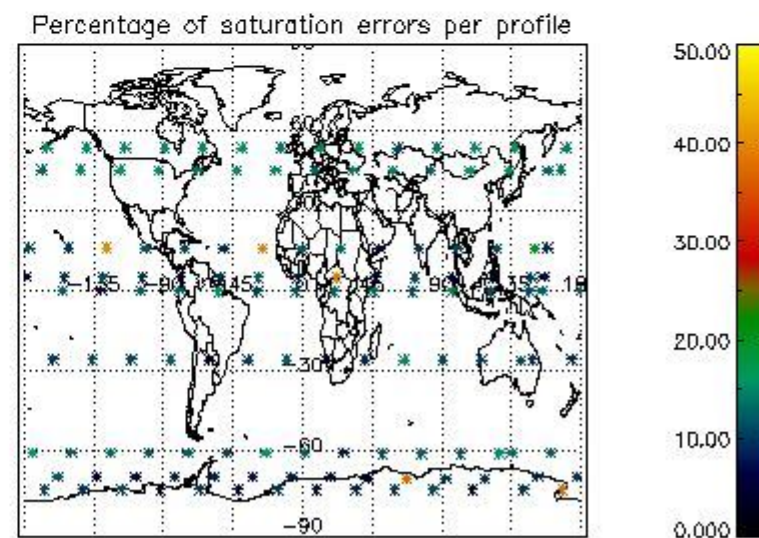
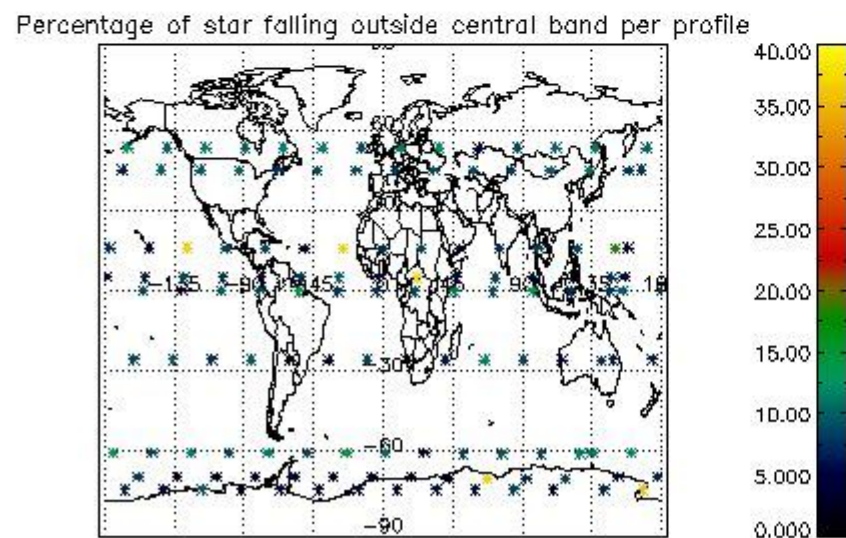
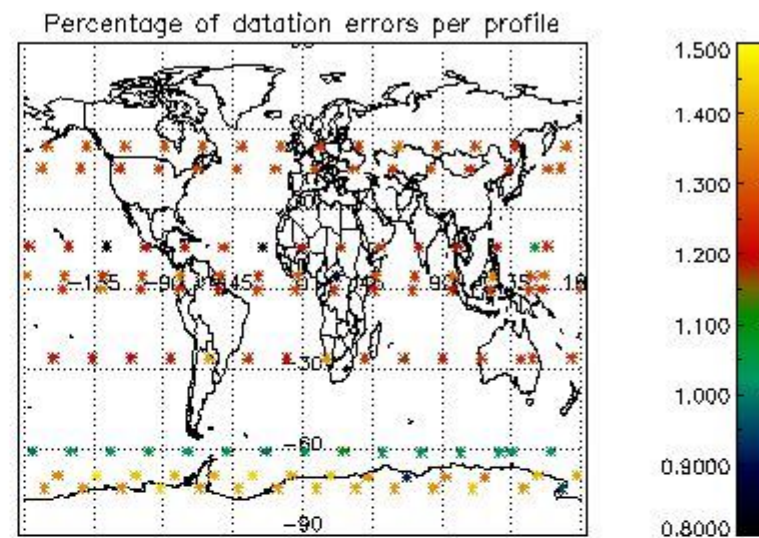
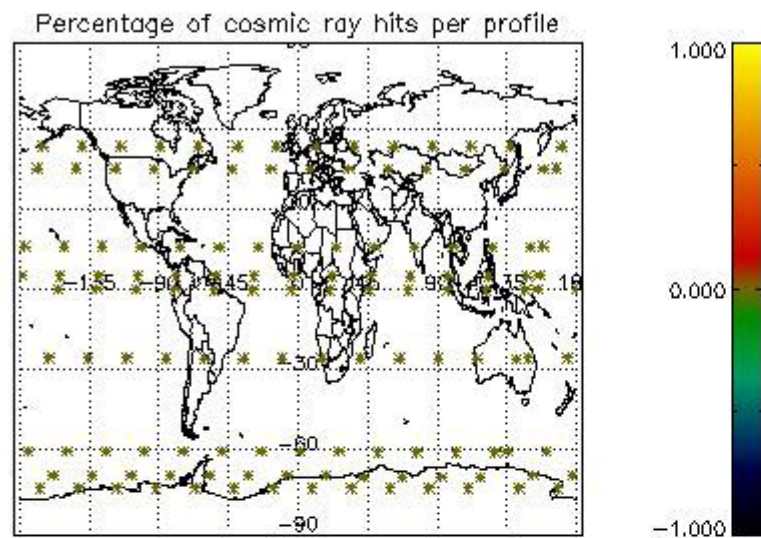


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

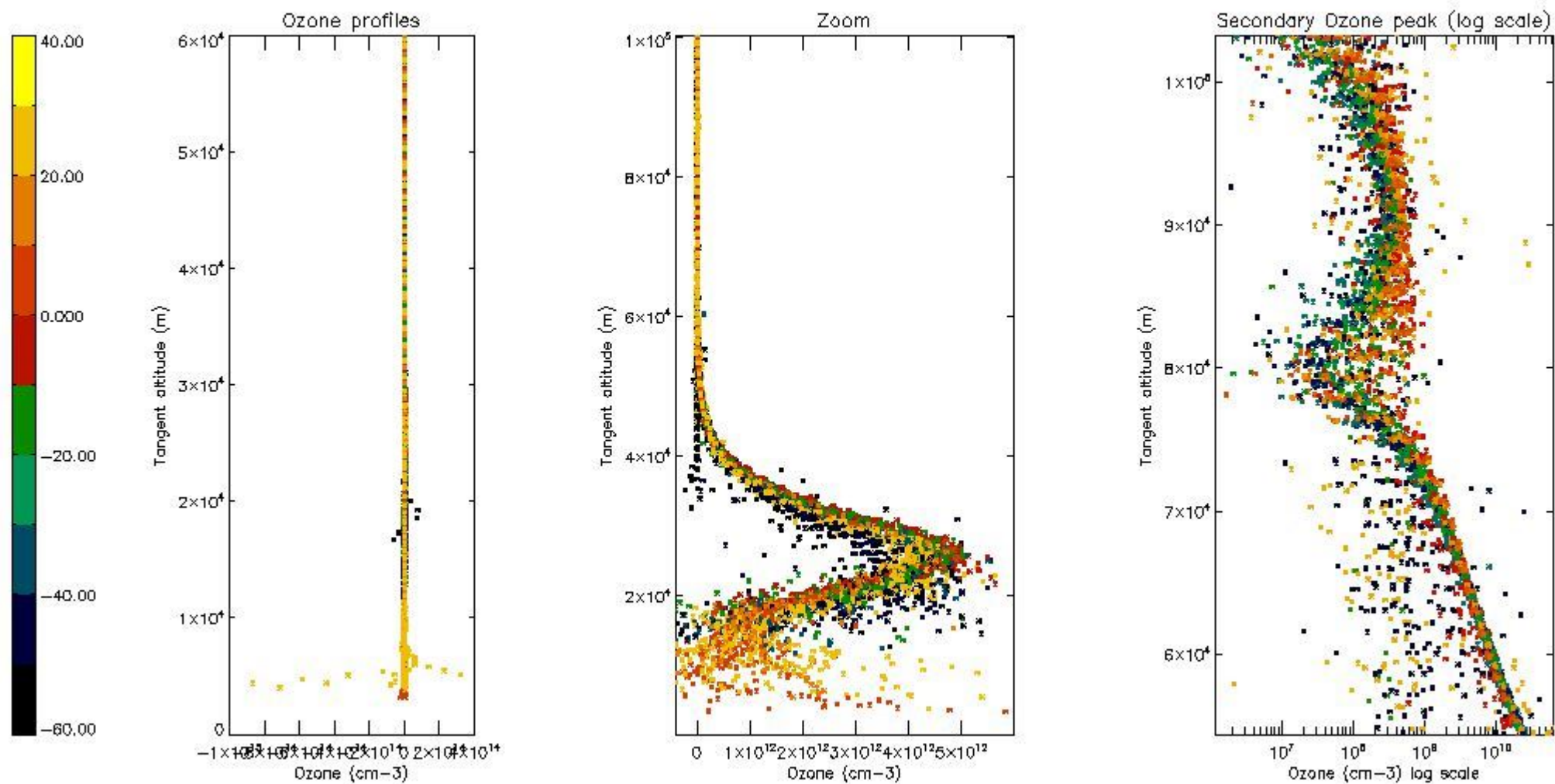
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	24

STD < 10	19
STD < 5	13

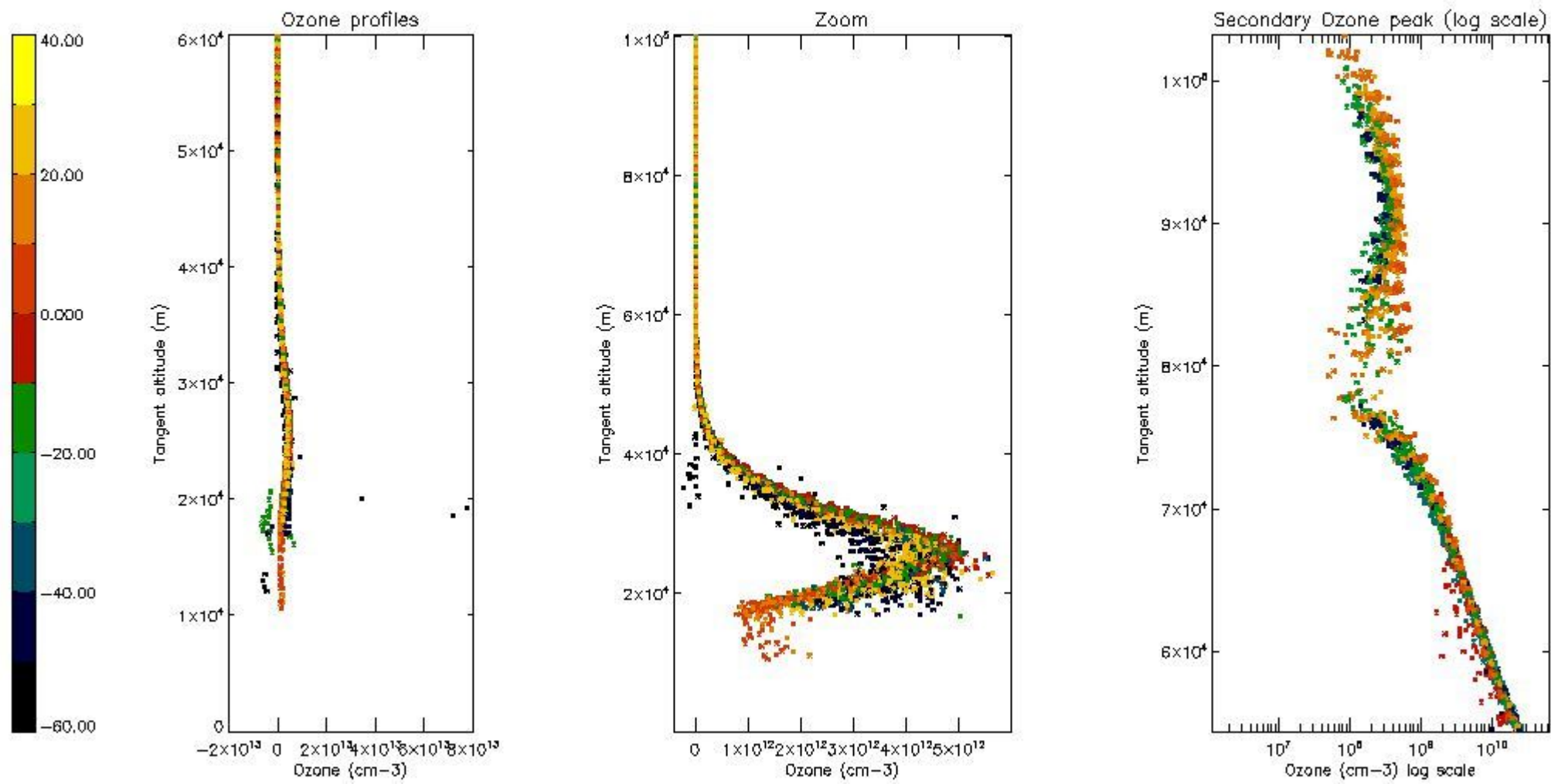
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



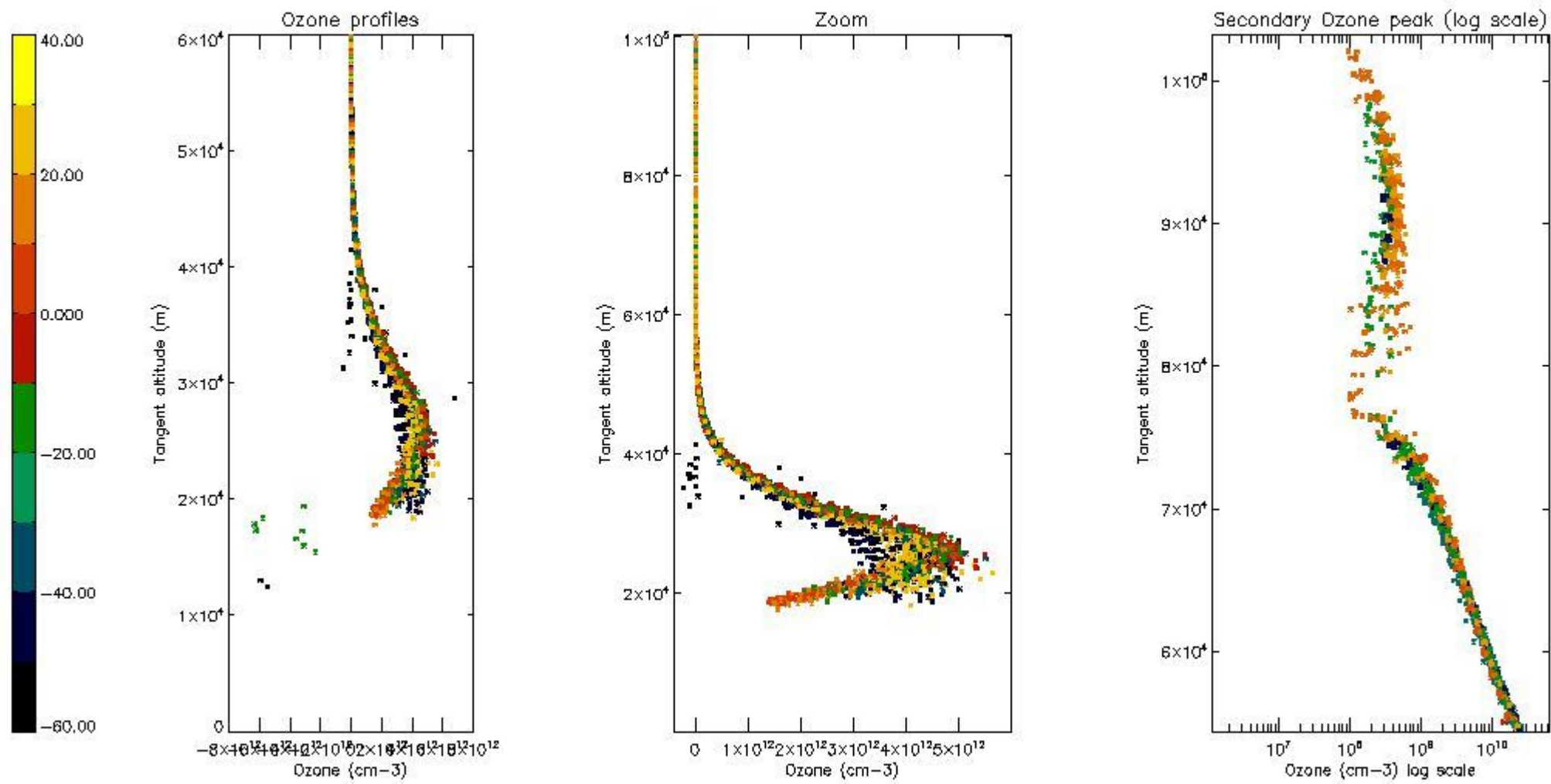
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



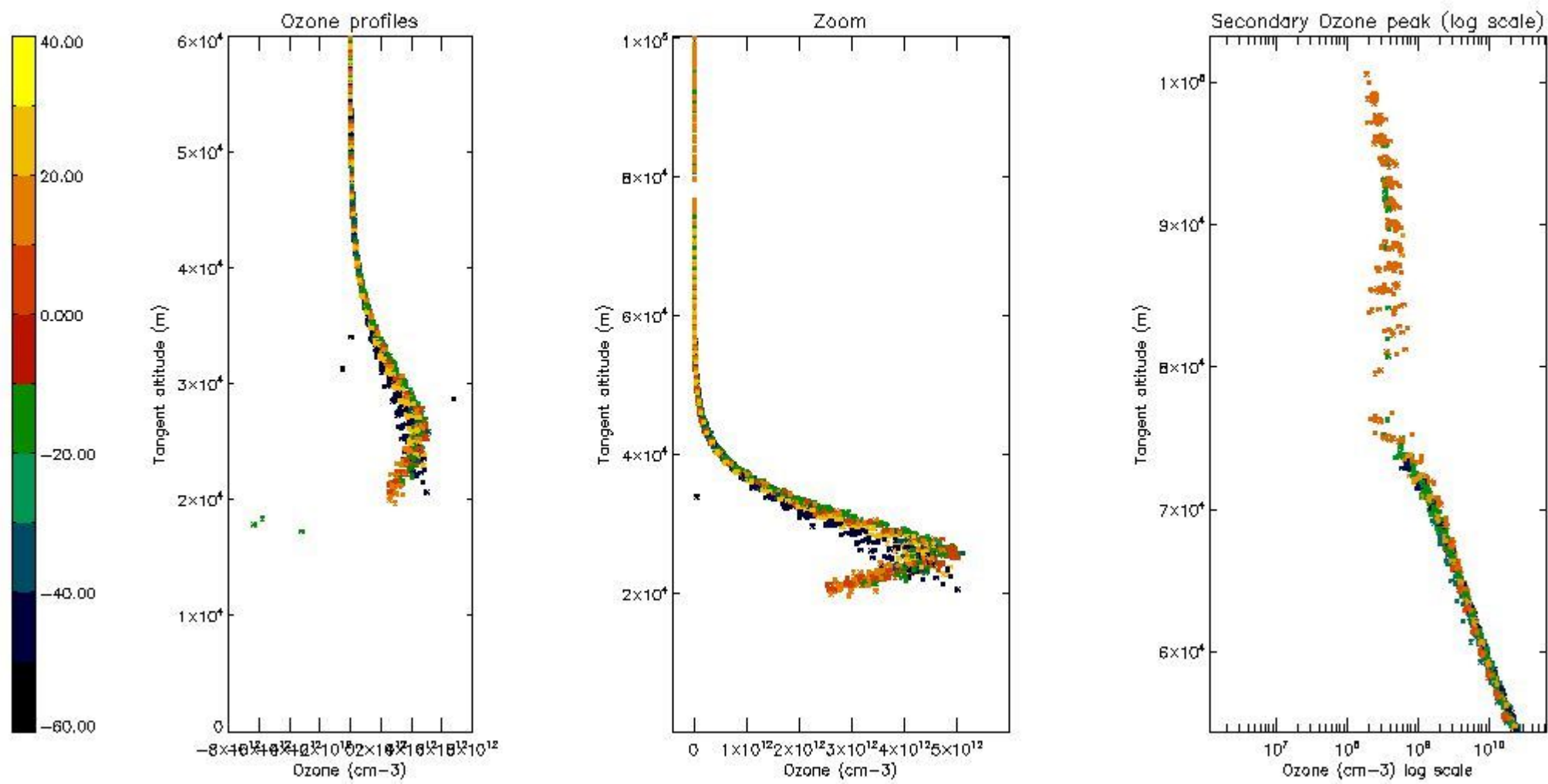
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



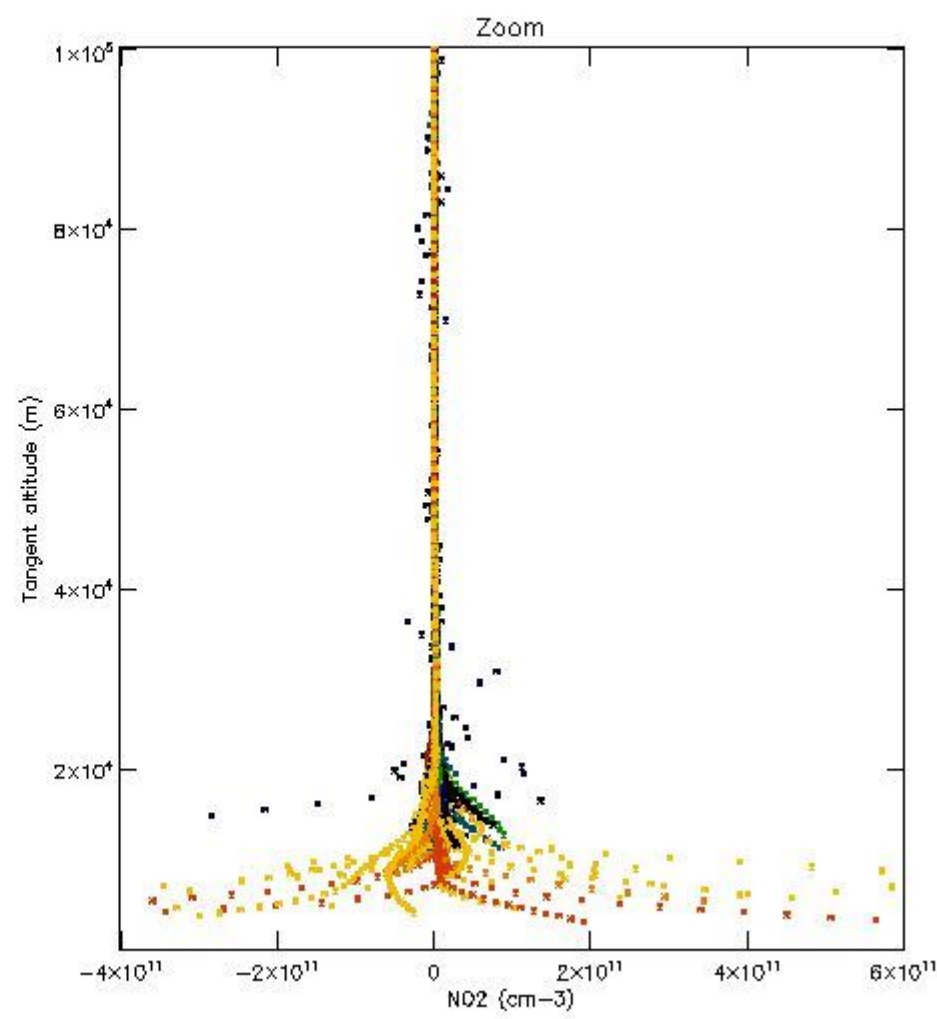
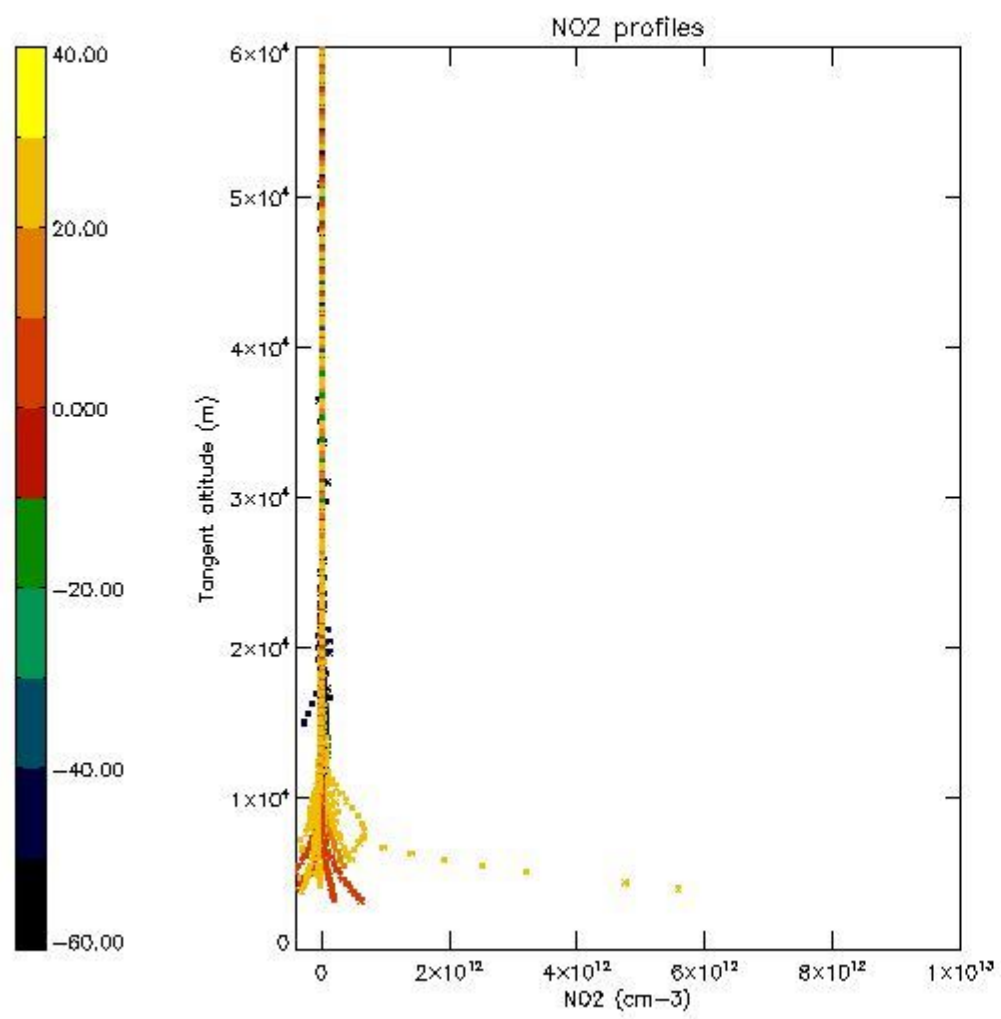
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



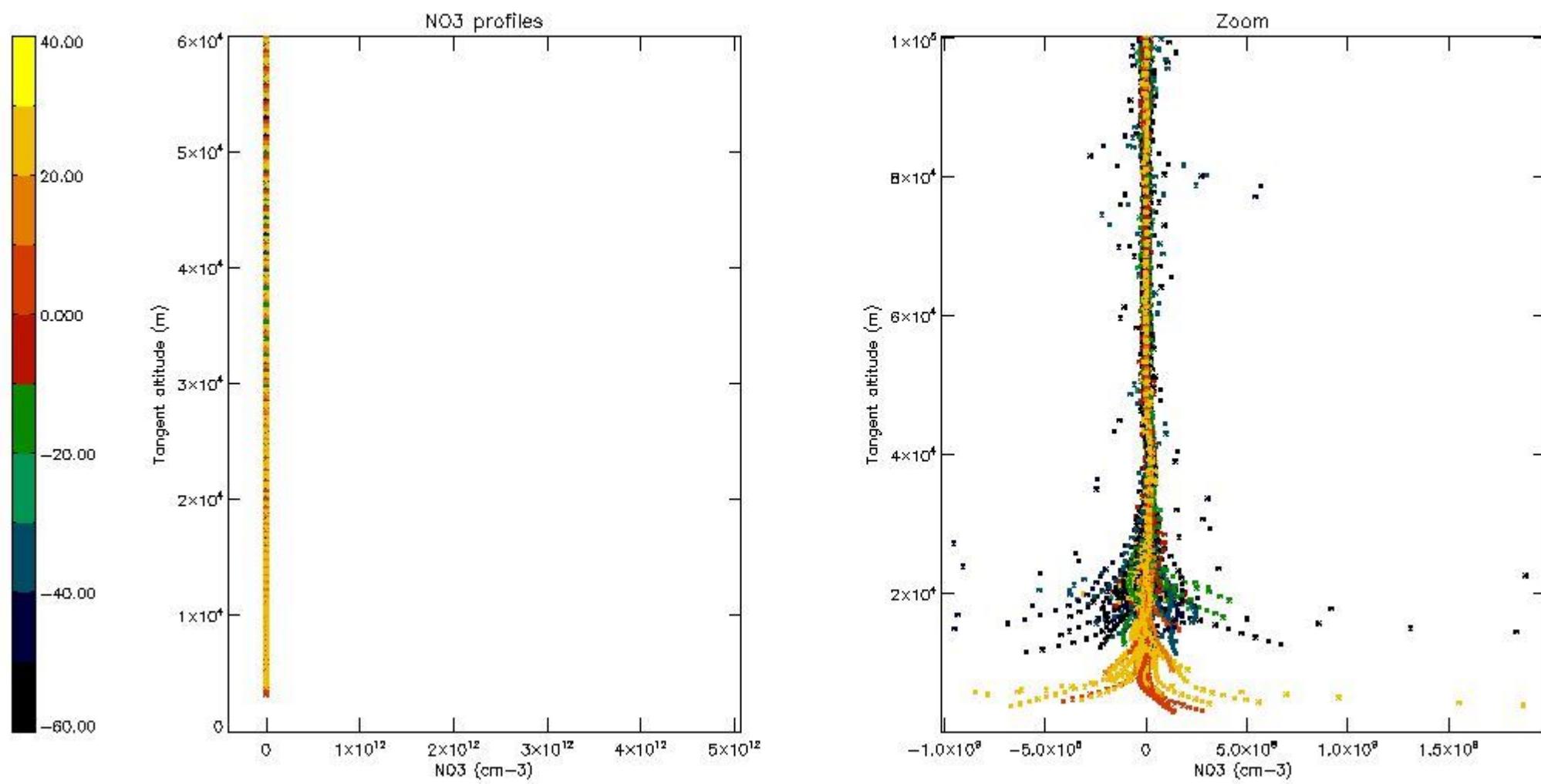
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



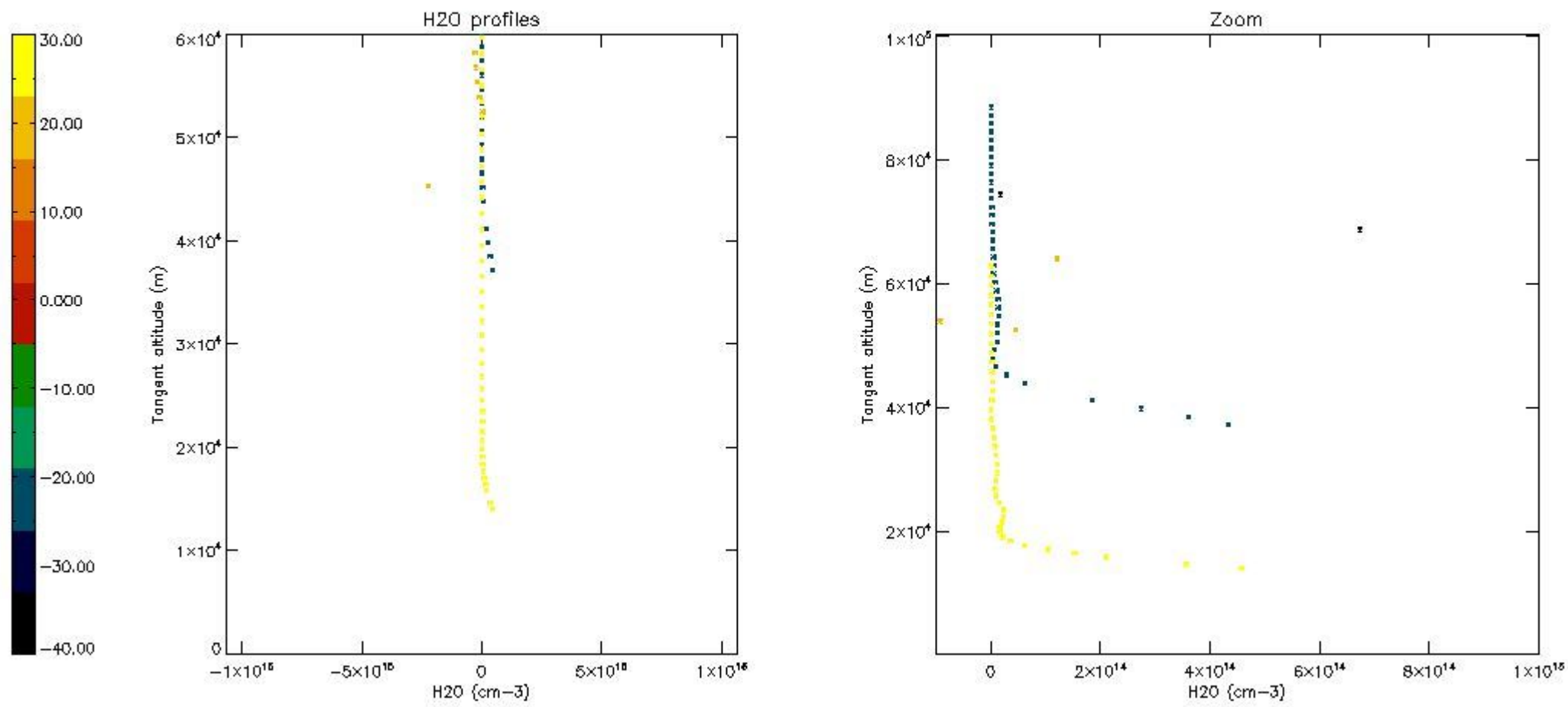
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

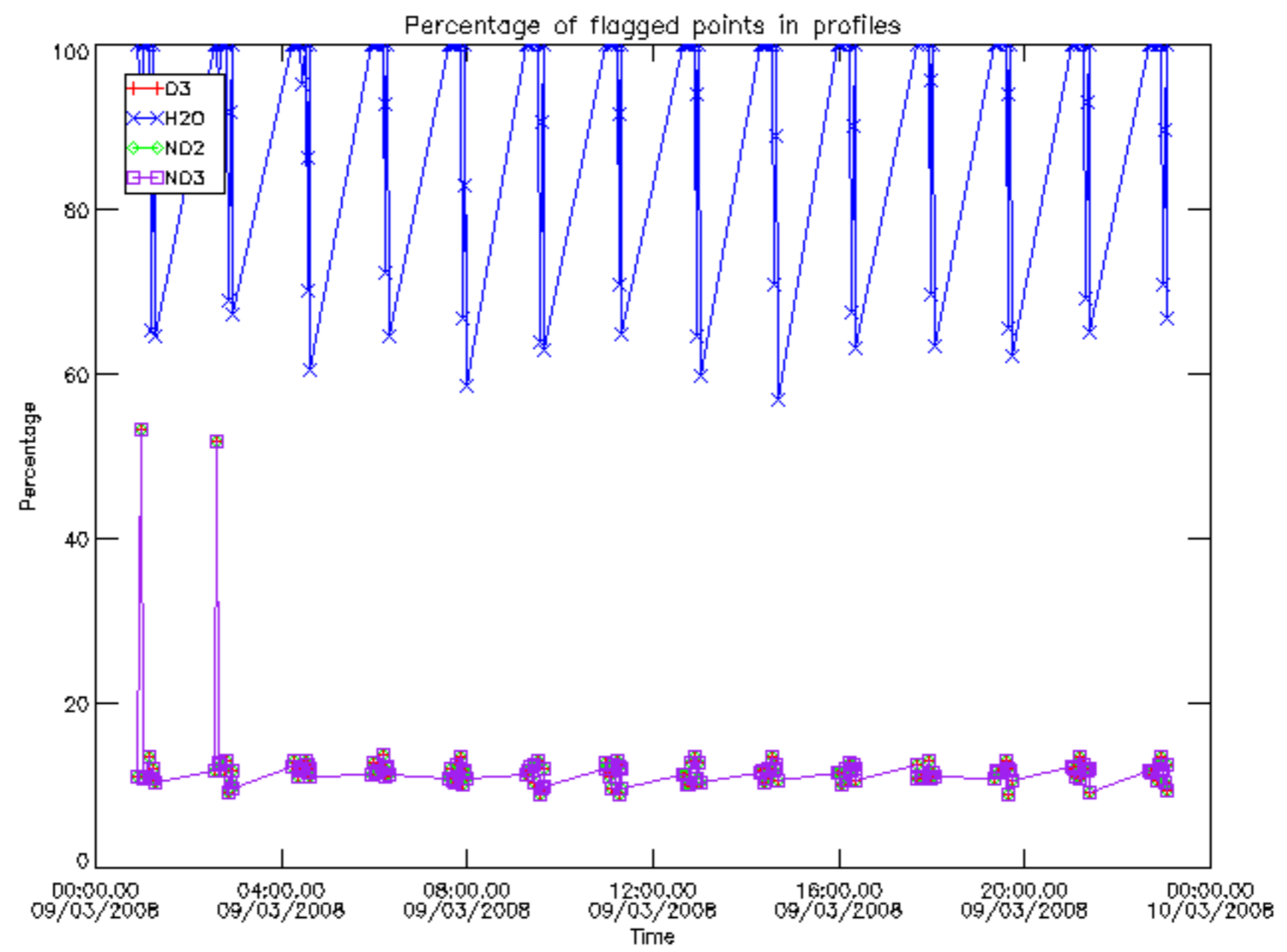
The colorbar represents the latitude.



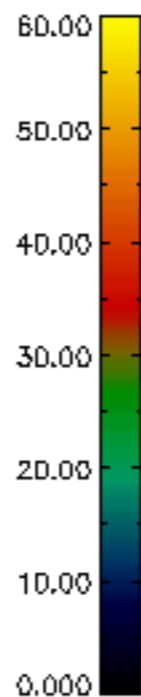
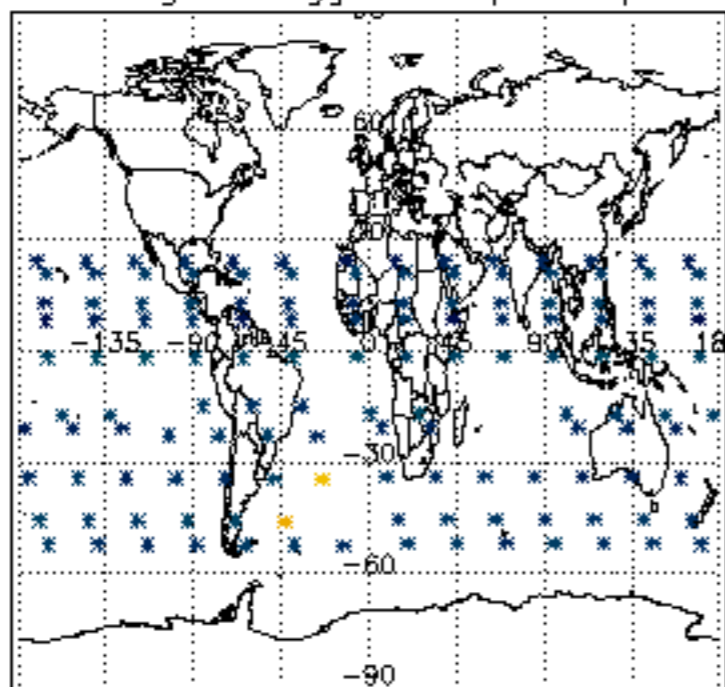
6. Auxiliary Data Files used for the production reported in section 2

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

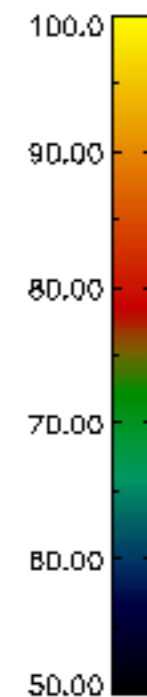
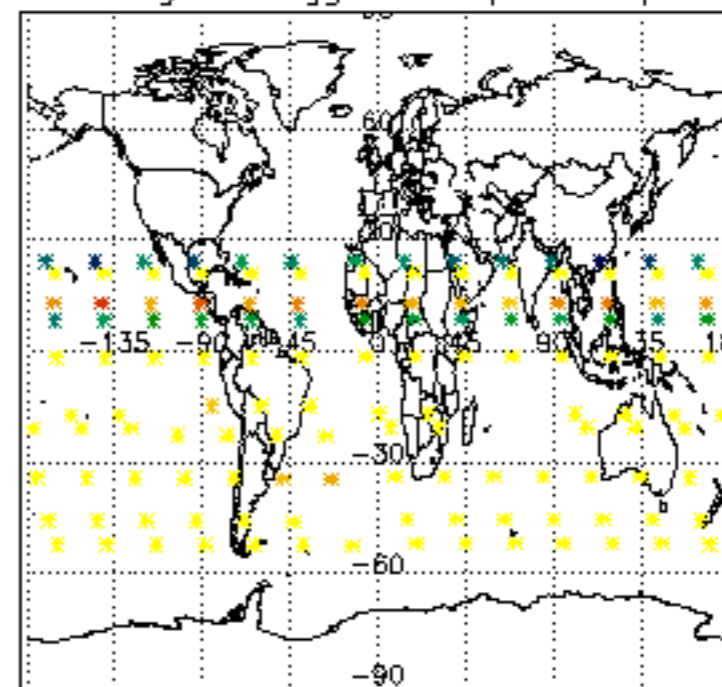
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-MAR-2008 00:00:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-MAR-2008 00:00:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-MAR-2008 00:00:27



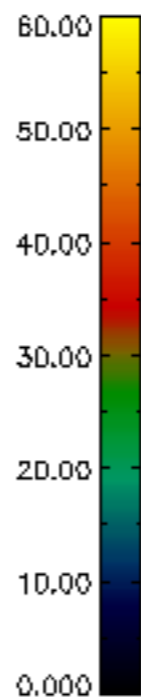
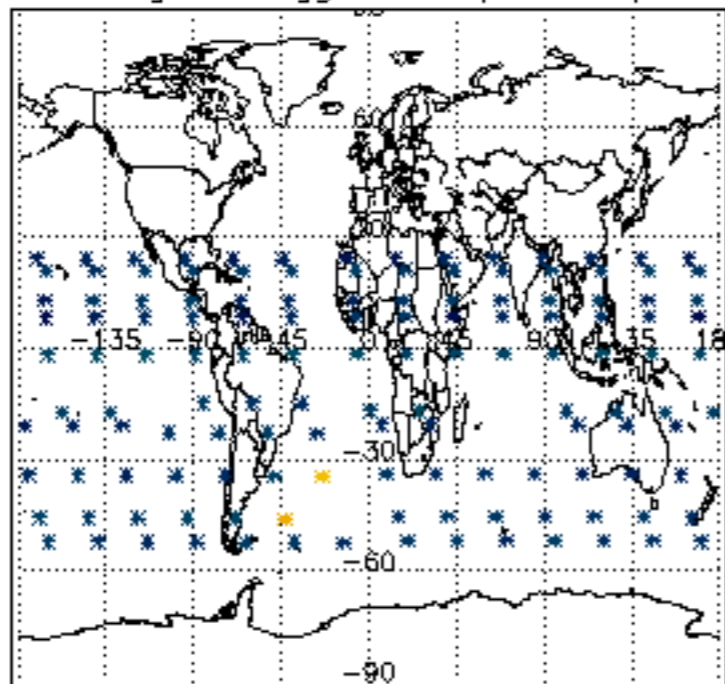
Percentage of flagged data per D3 profile



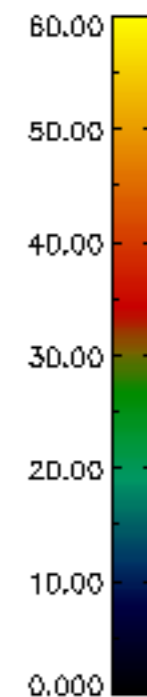
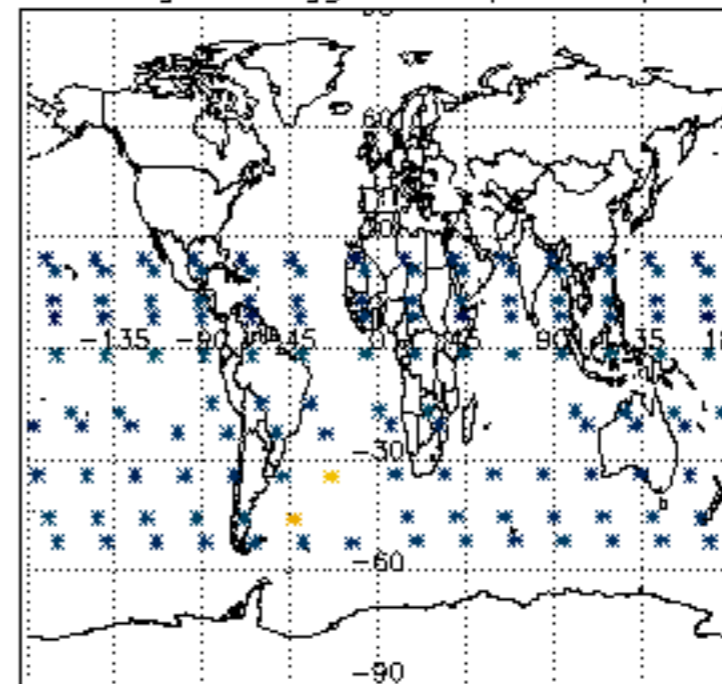
Percentage of flagged data per H2O profile

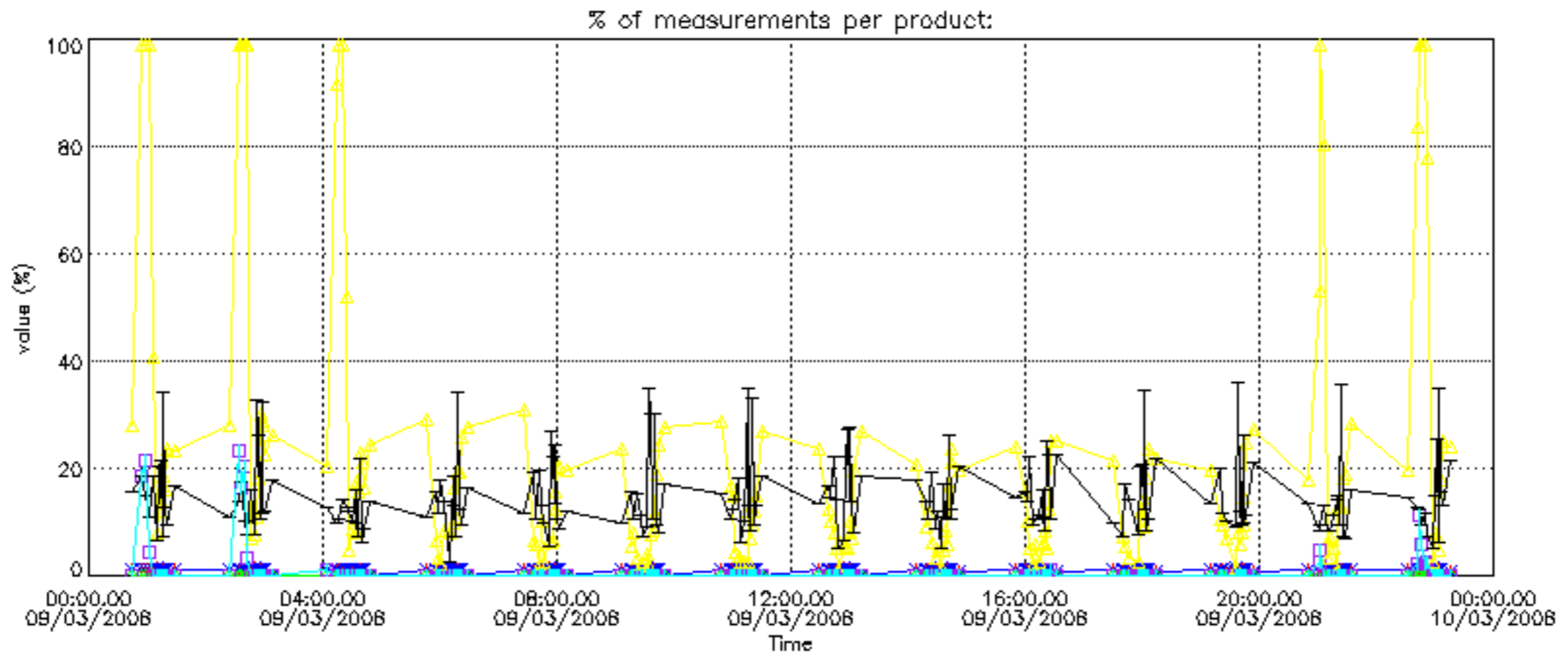


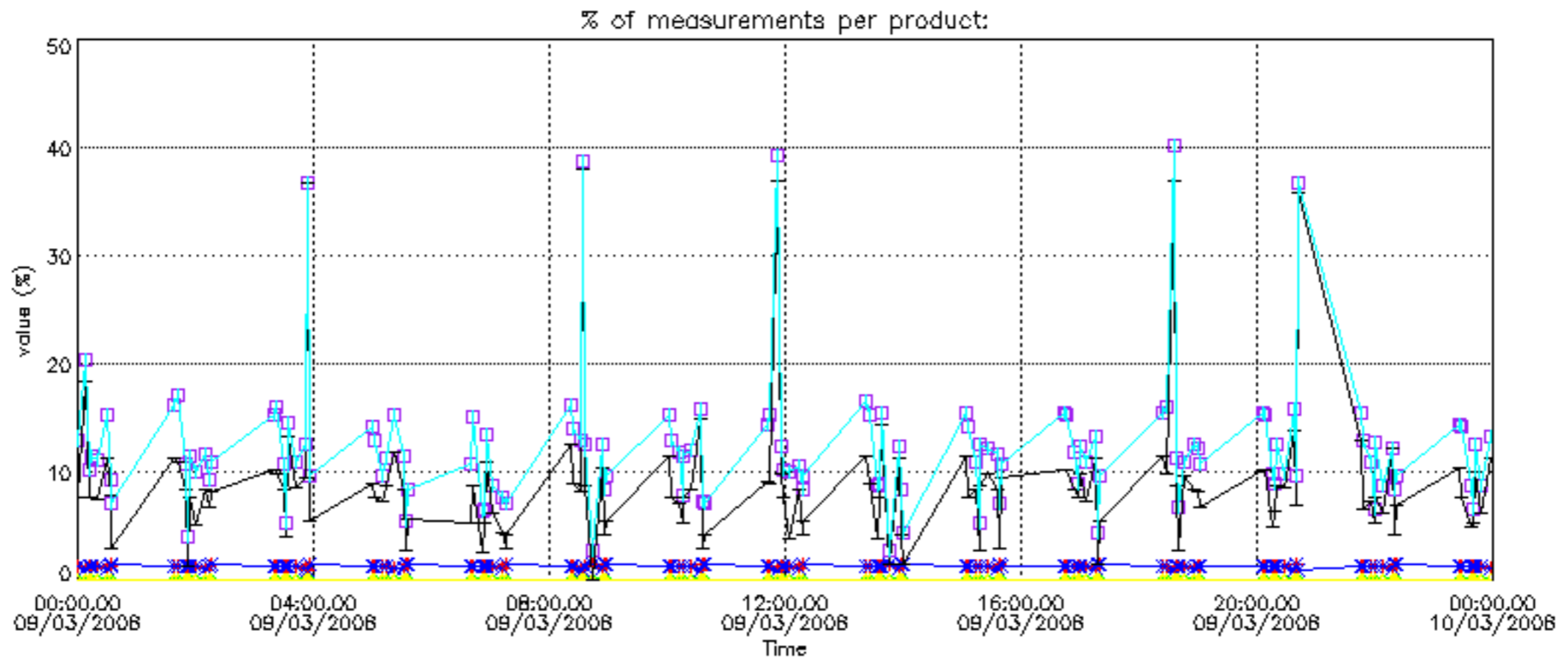
Percentage of flagged data per NO2 profile



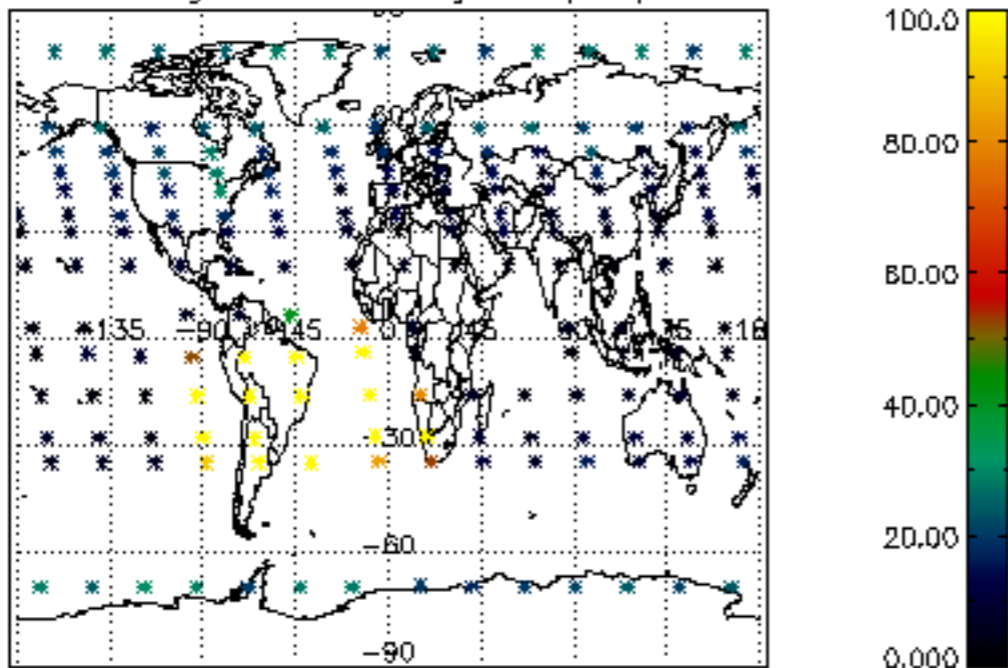
Percentage of flagged data per NO3 profile



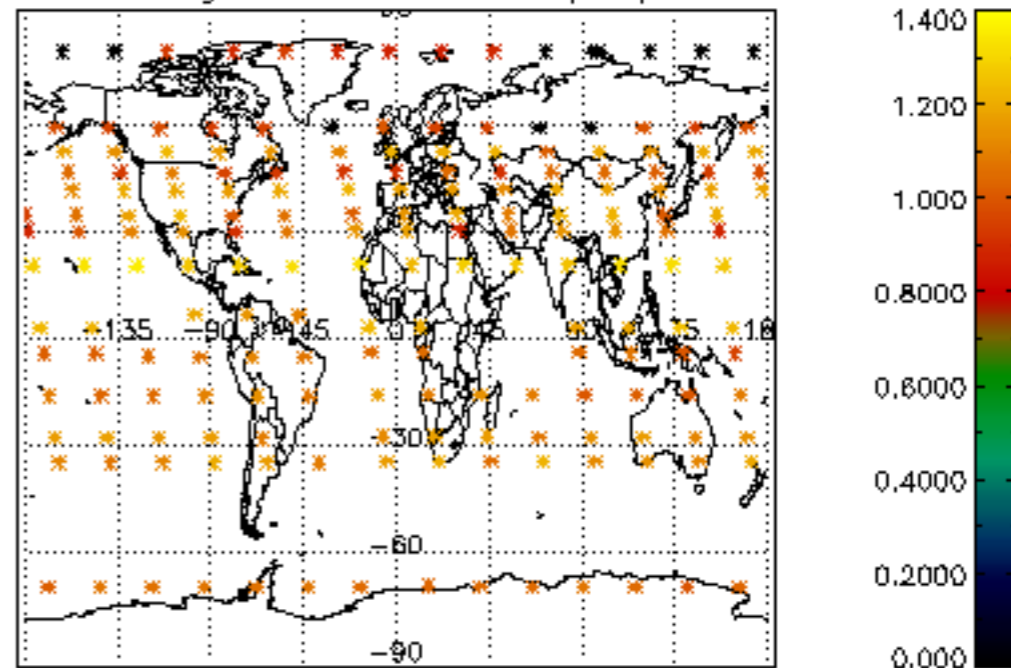




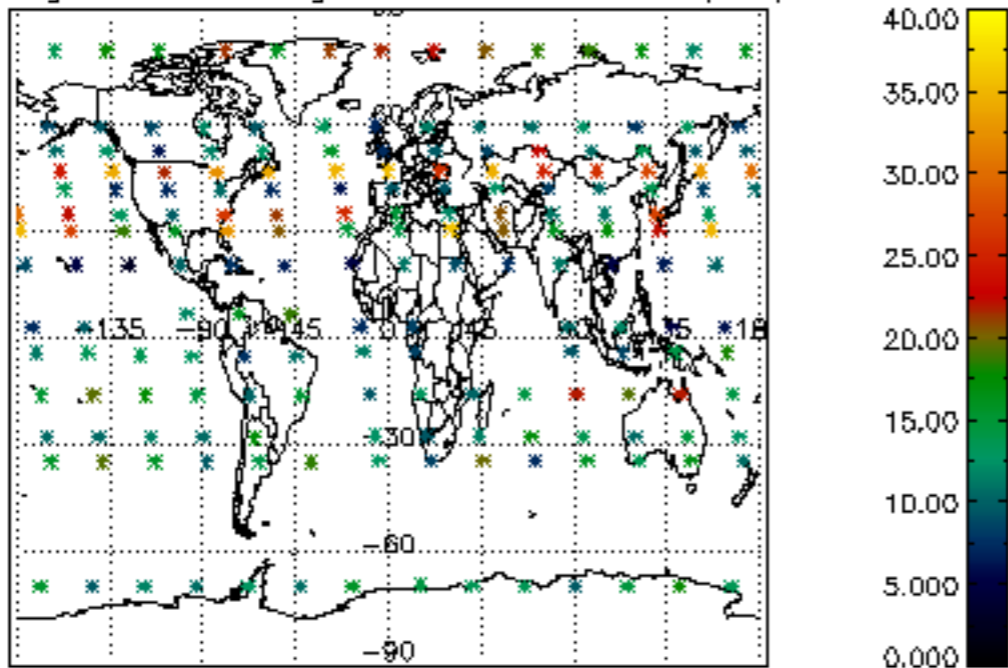
Percentage of cosmic ray hits per profile



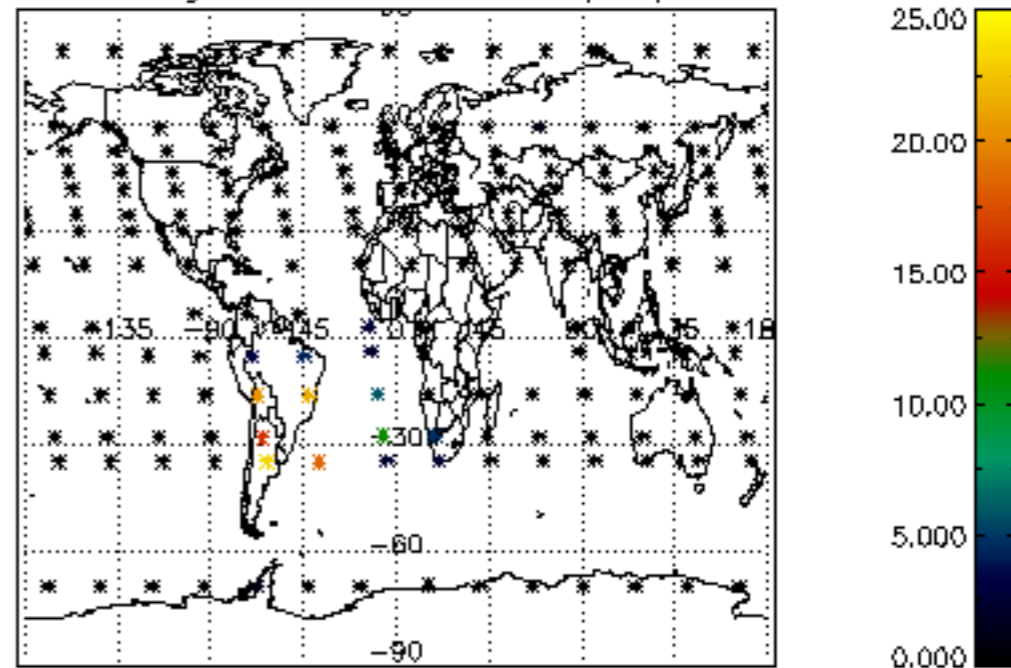
Percentage of datation errors per profile



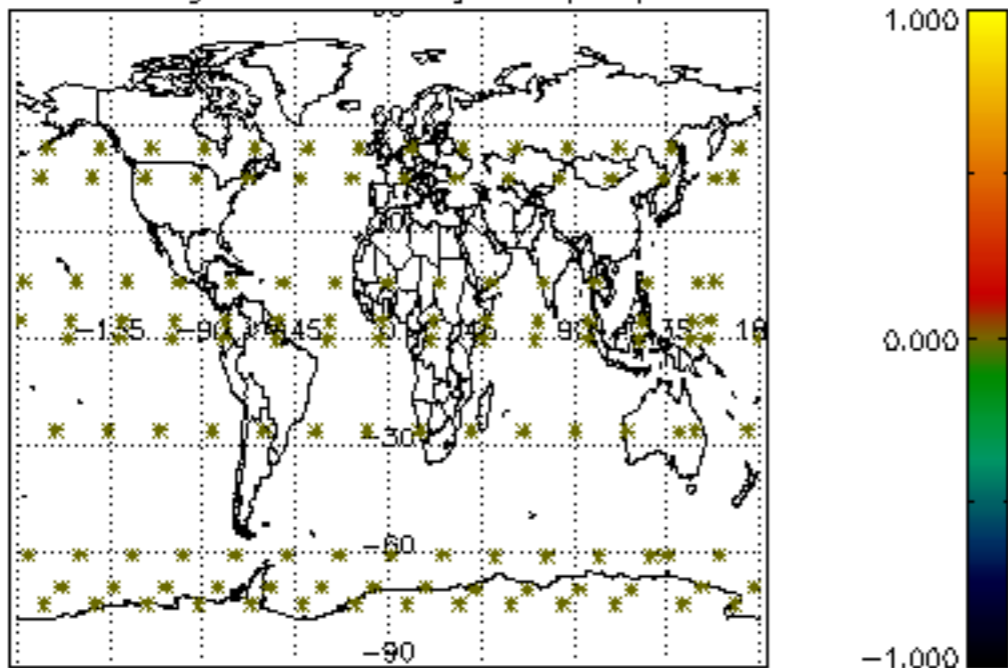
Percentage of star falling outside central band per profile



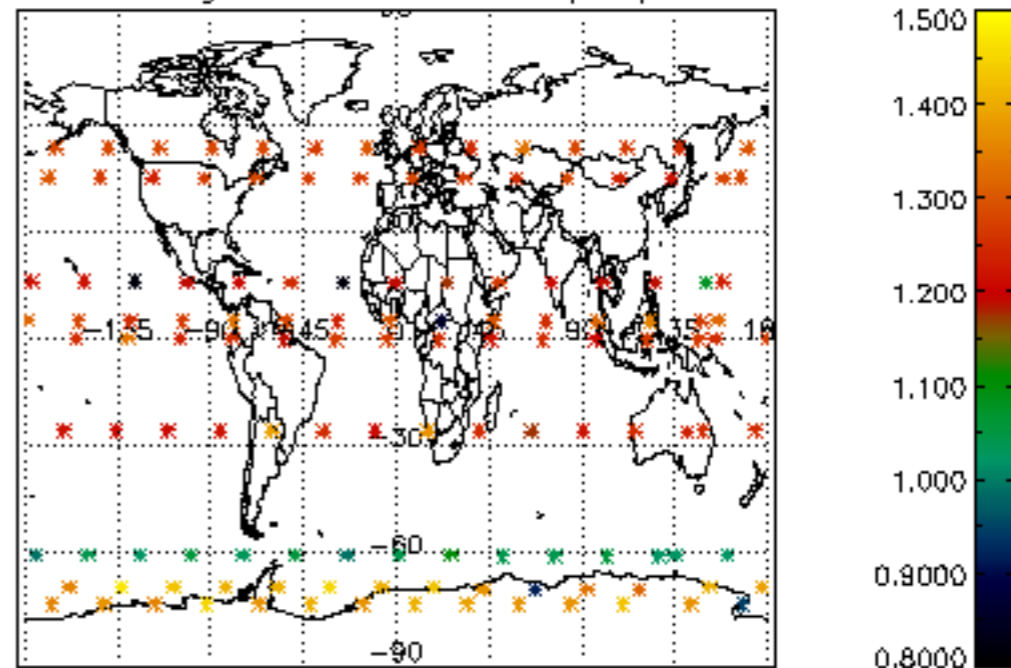
Percentage of saturation errors per profile



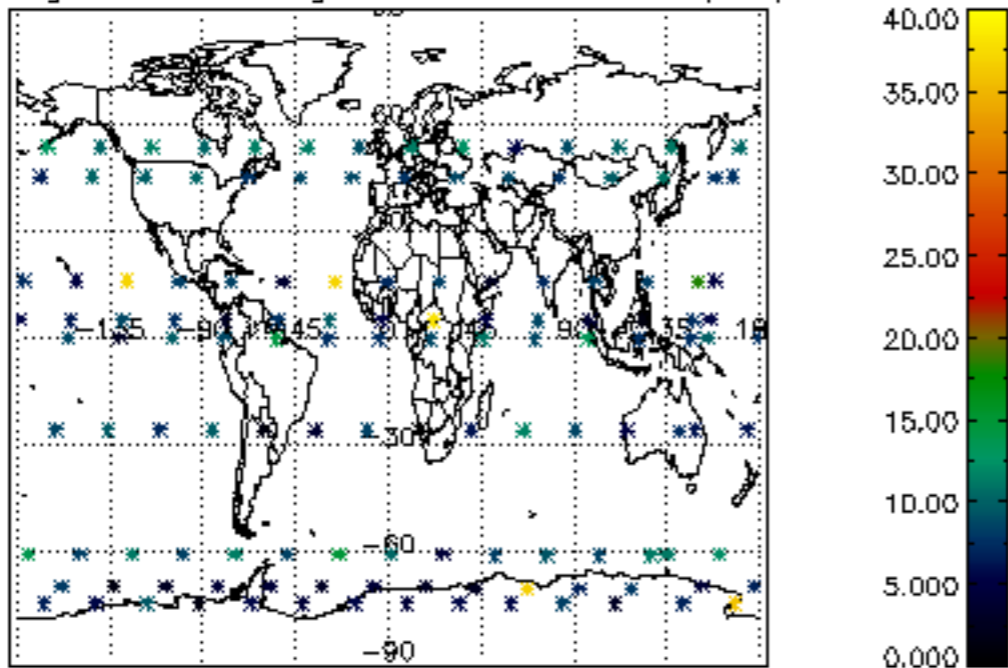
Percentage of cosmic ray hits per profile



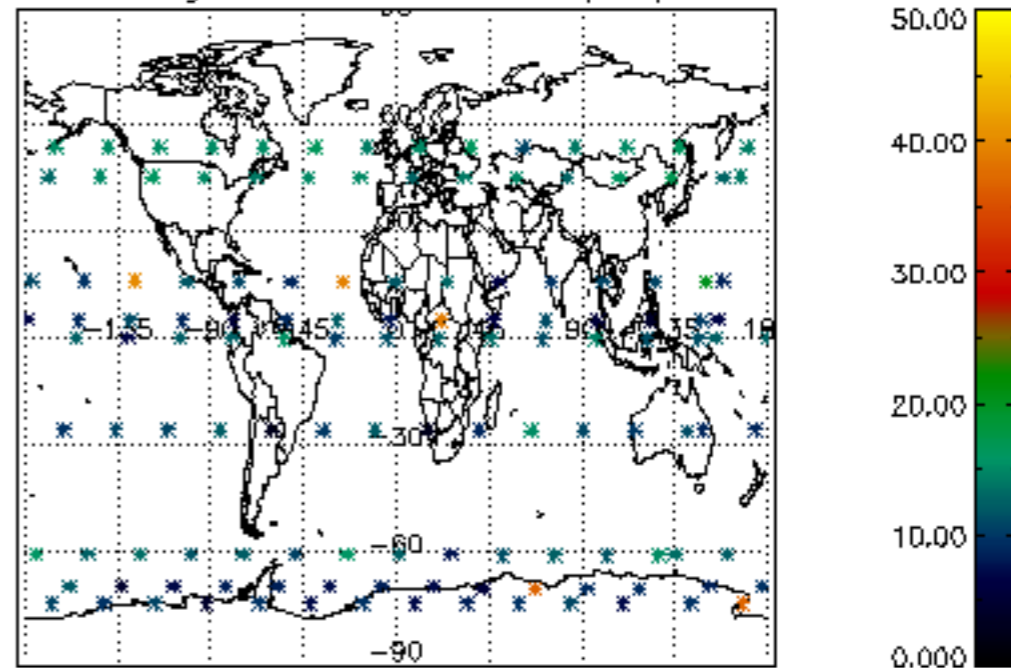
Percentage of datation errors per profile

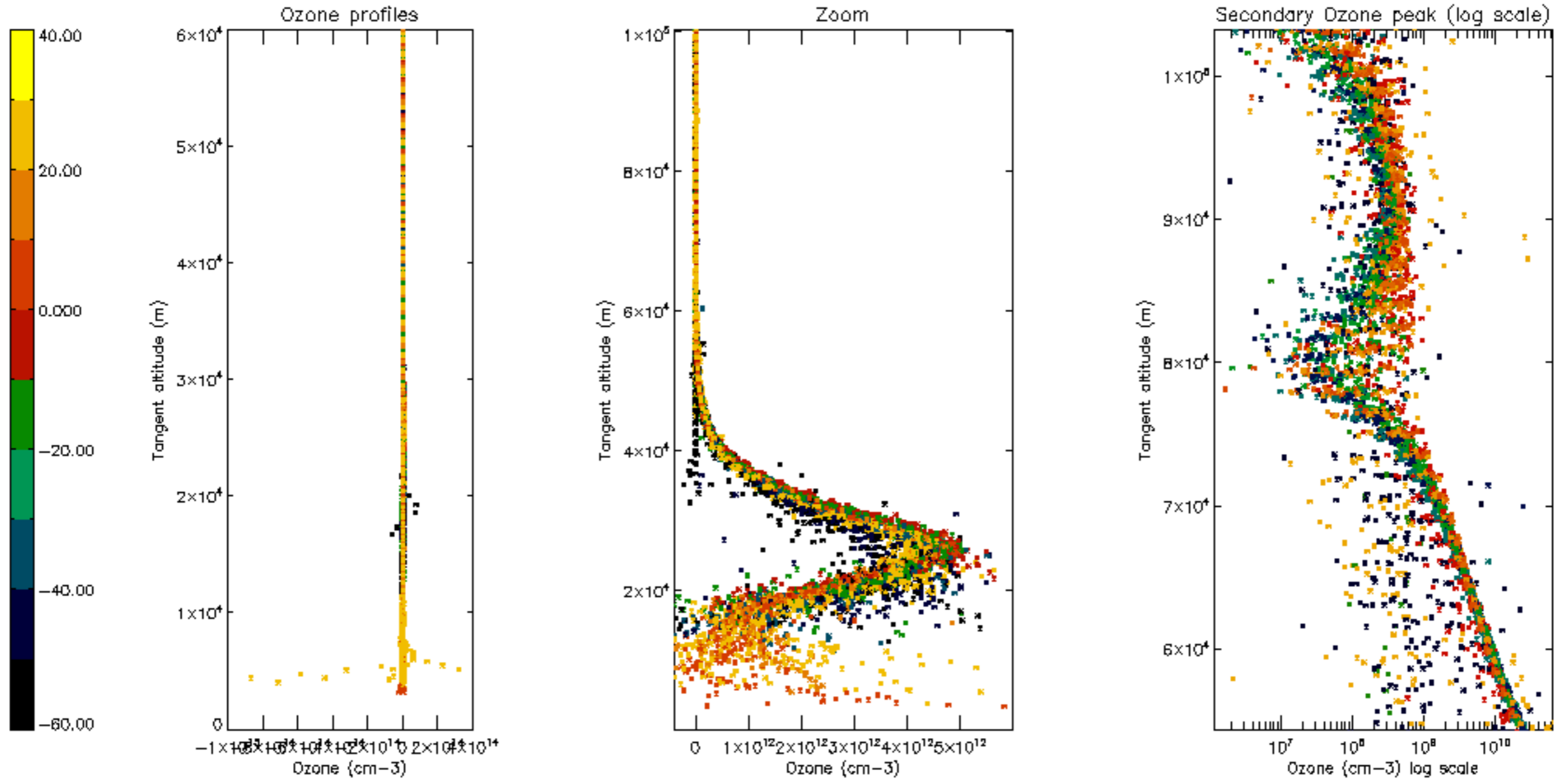


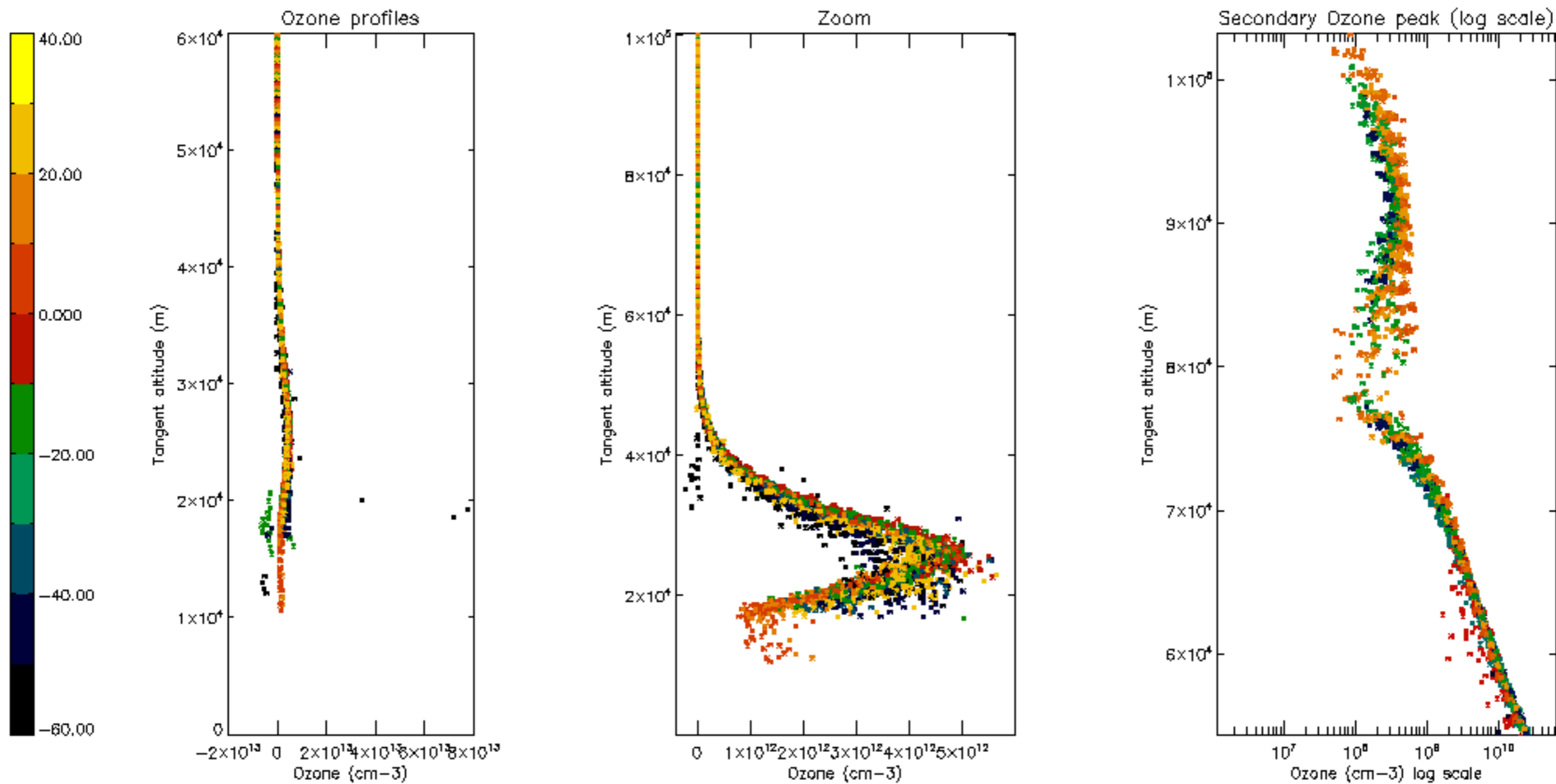
Percentage of star falling outside central band per profile

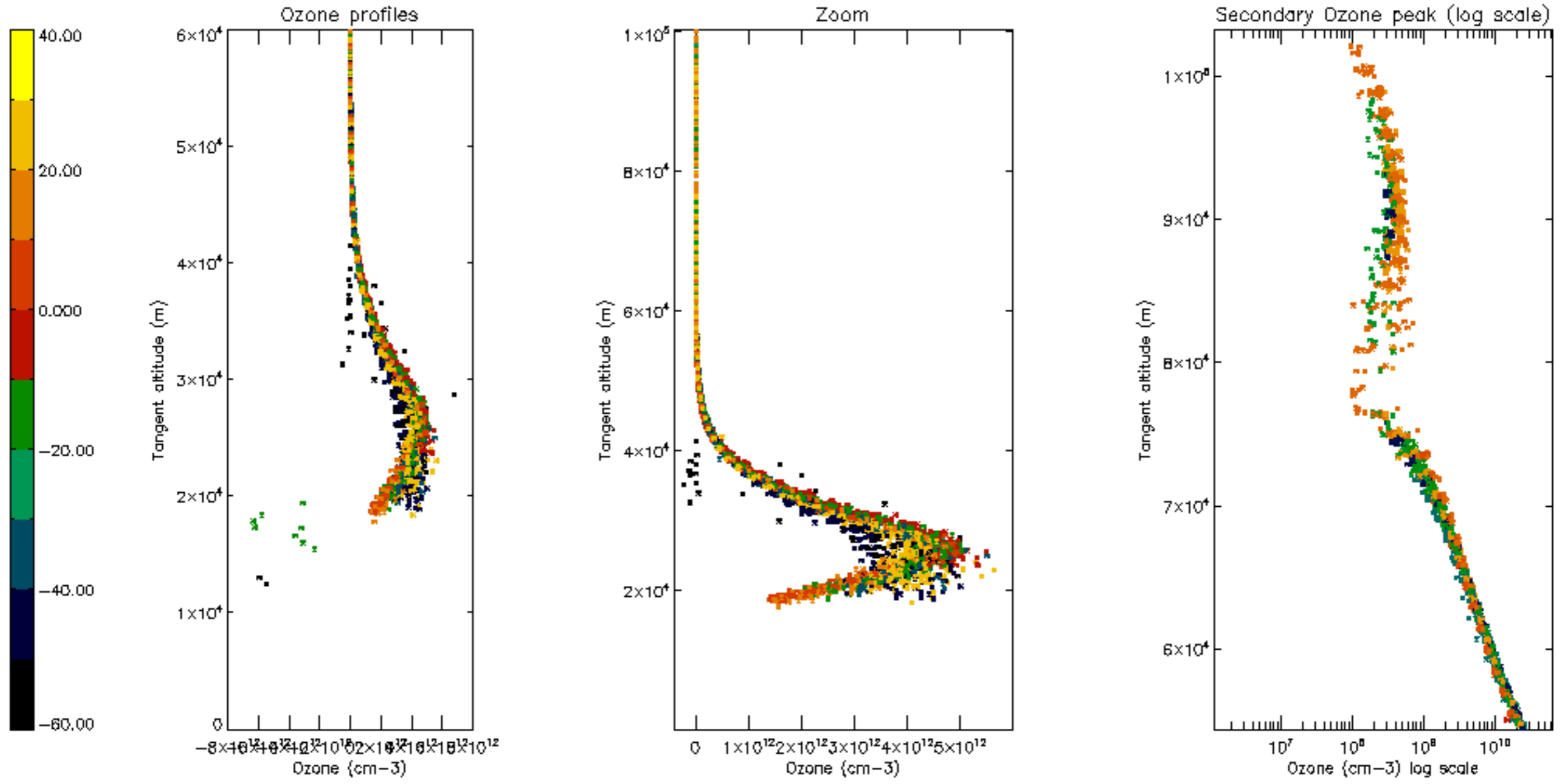


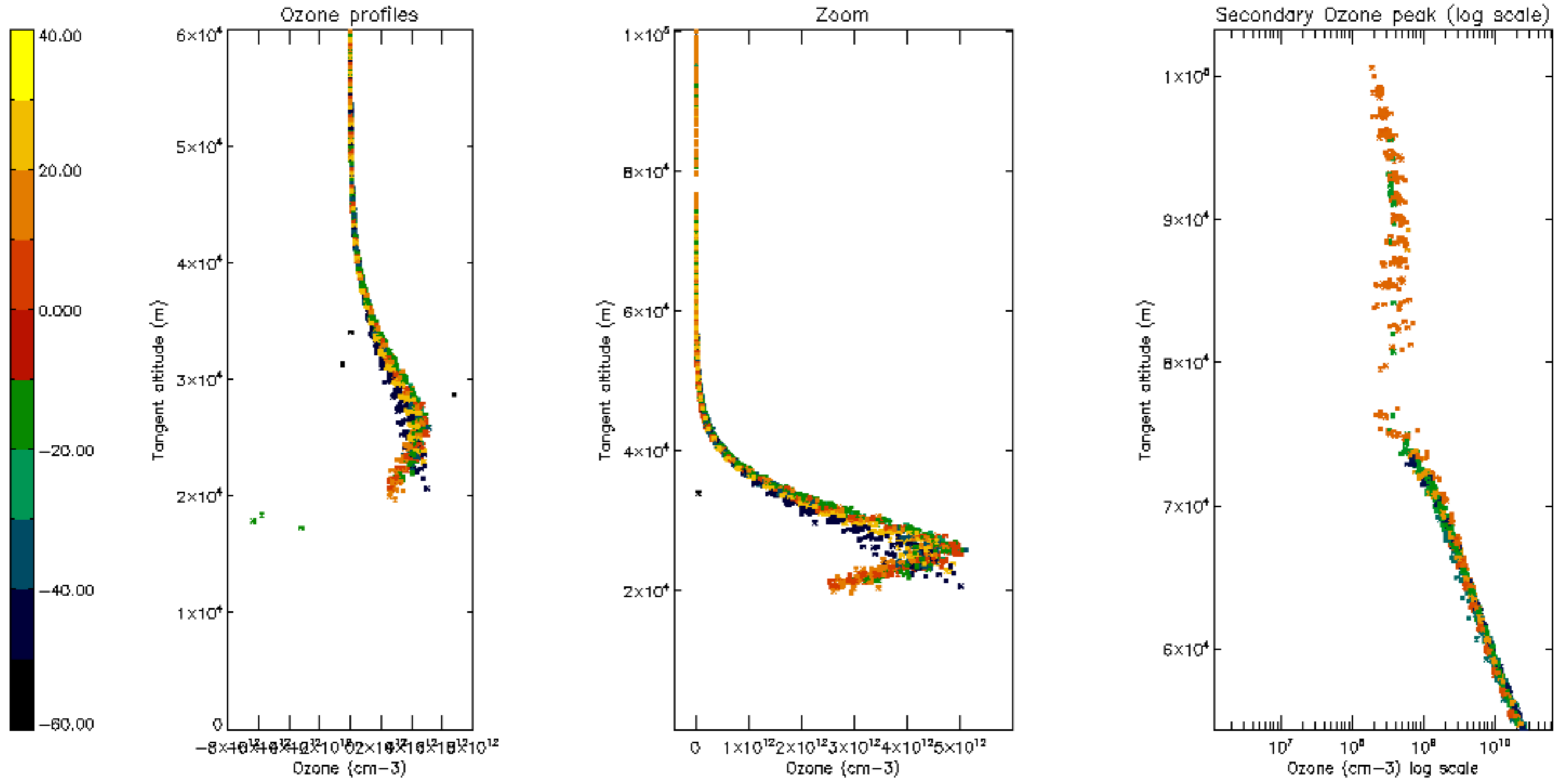
Percentage of saturation errors per profile

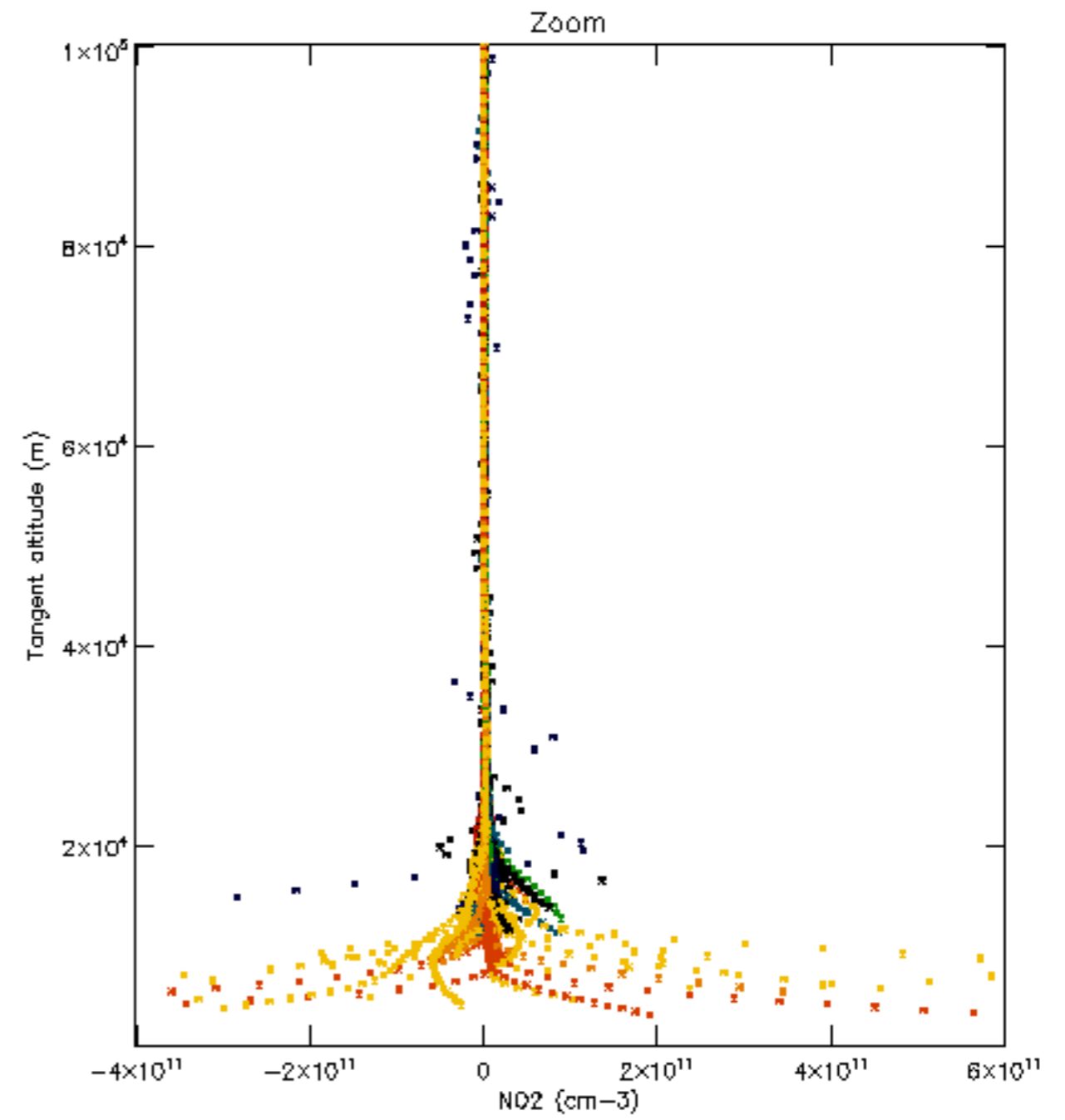
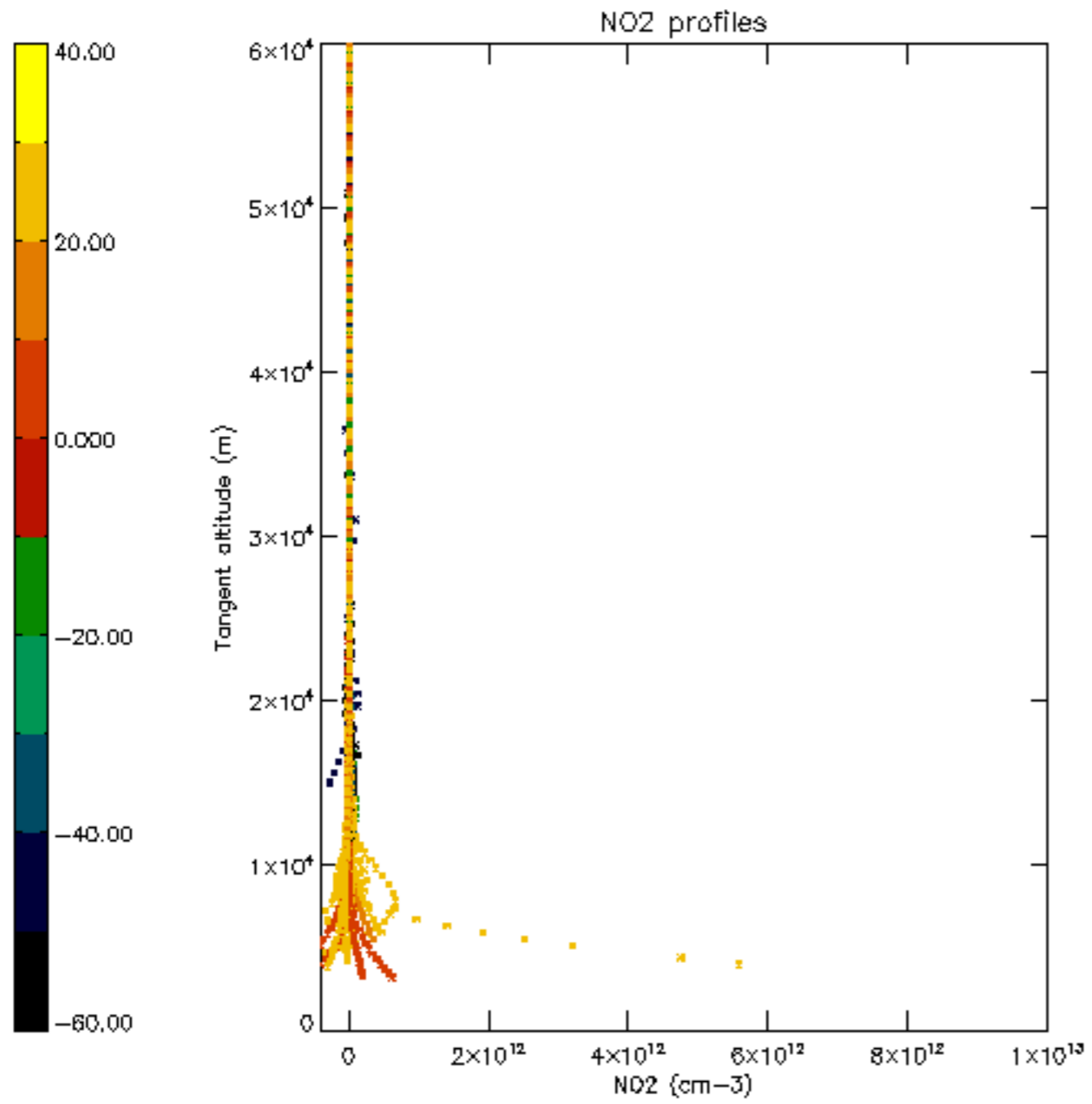


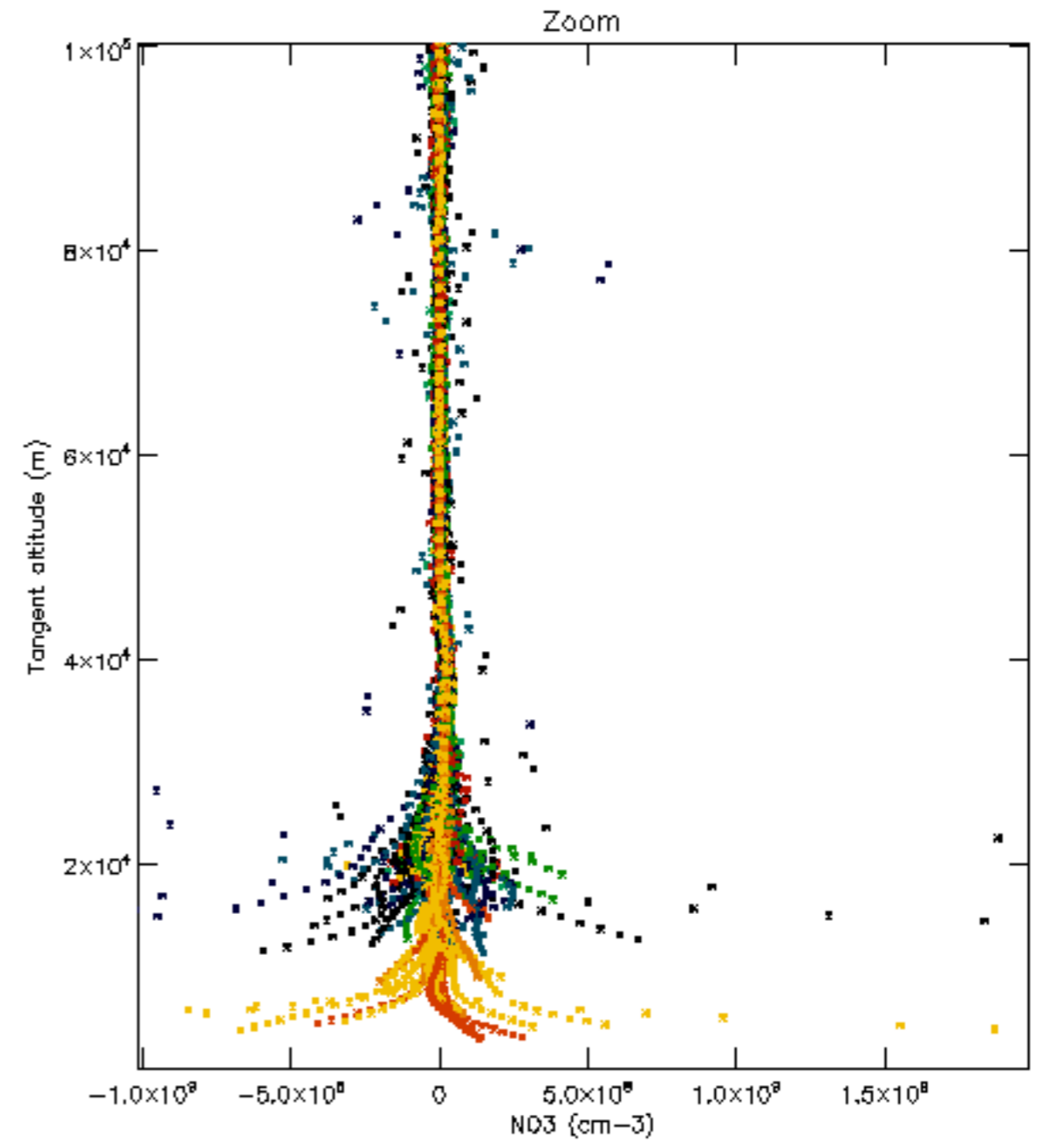
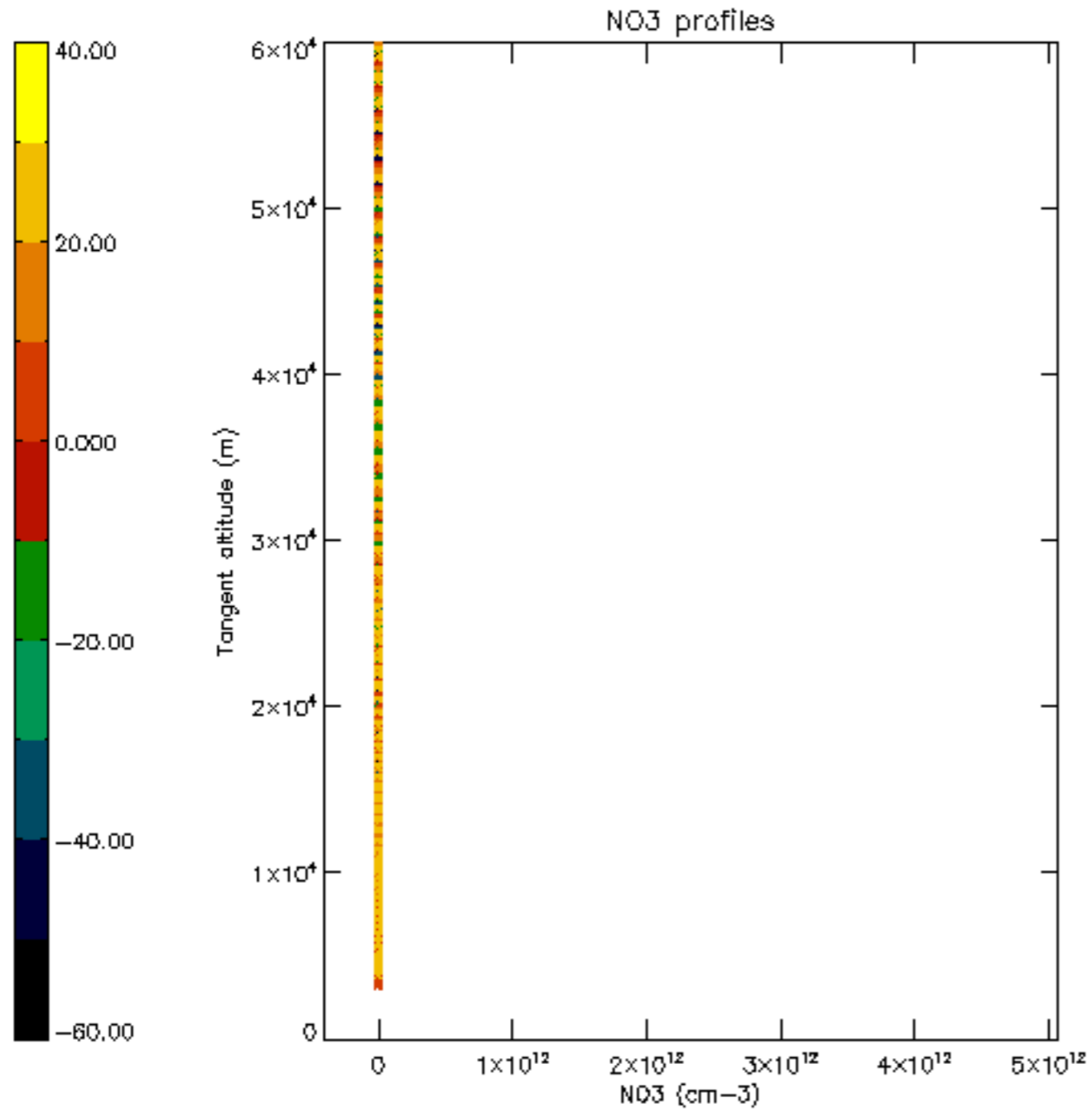


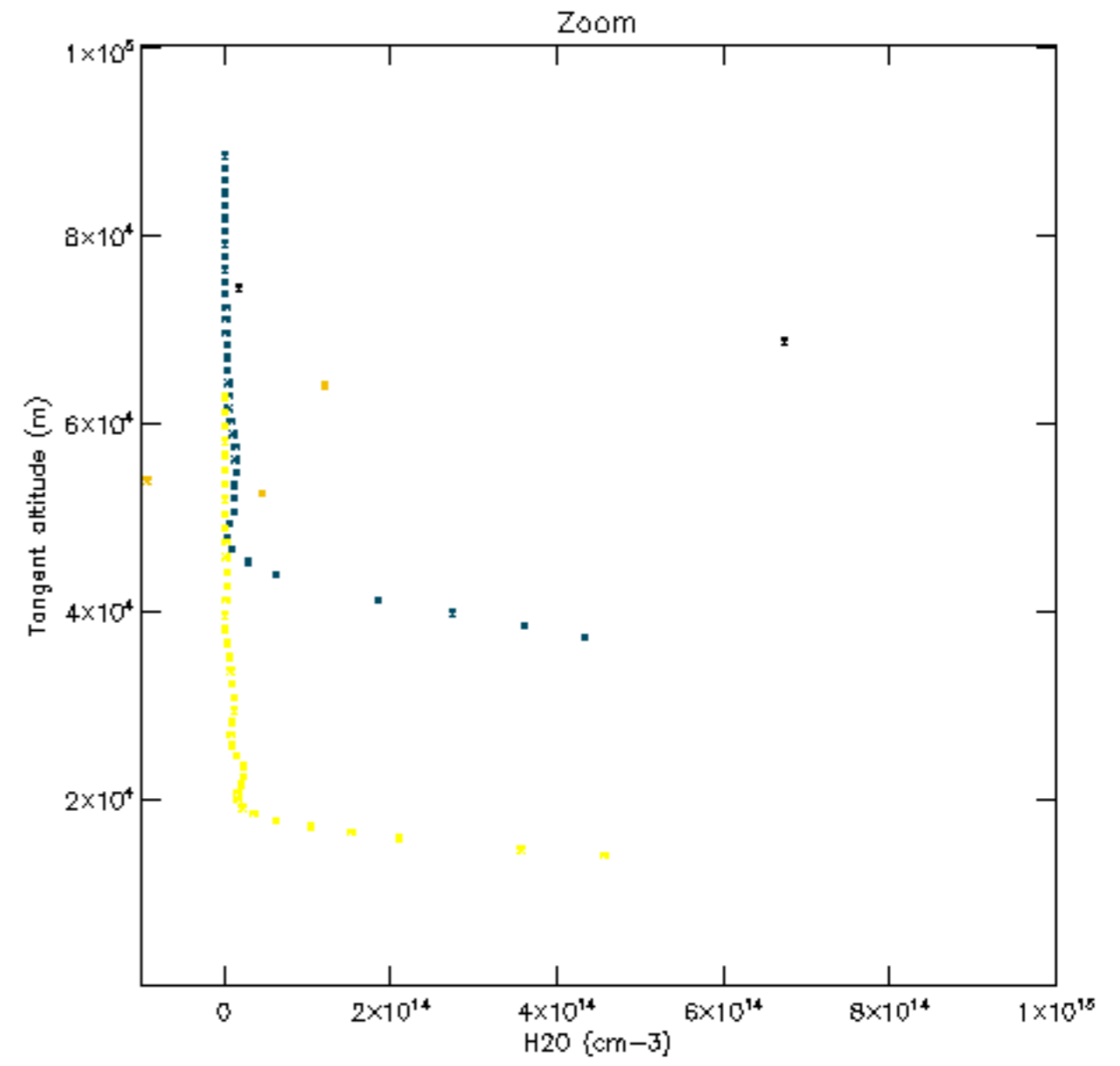
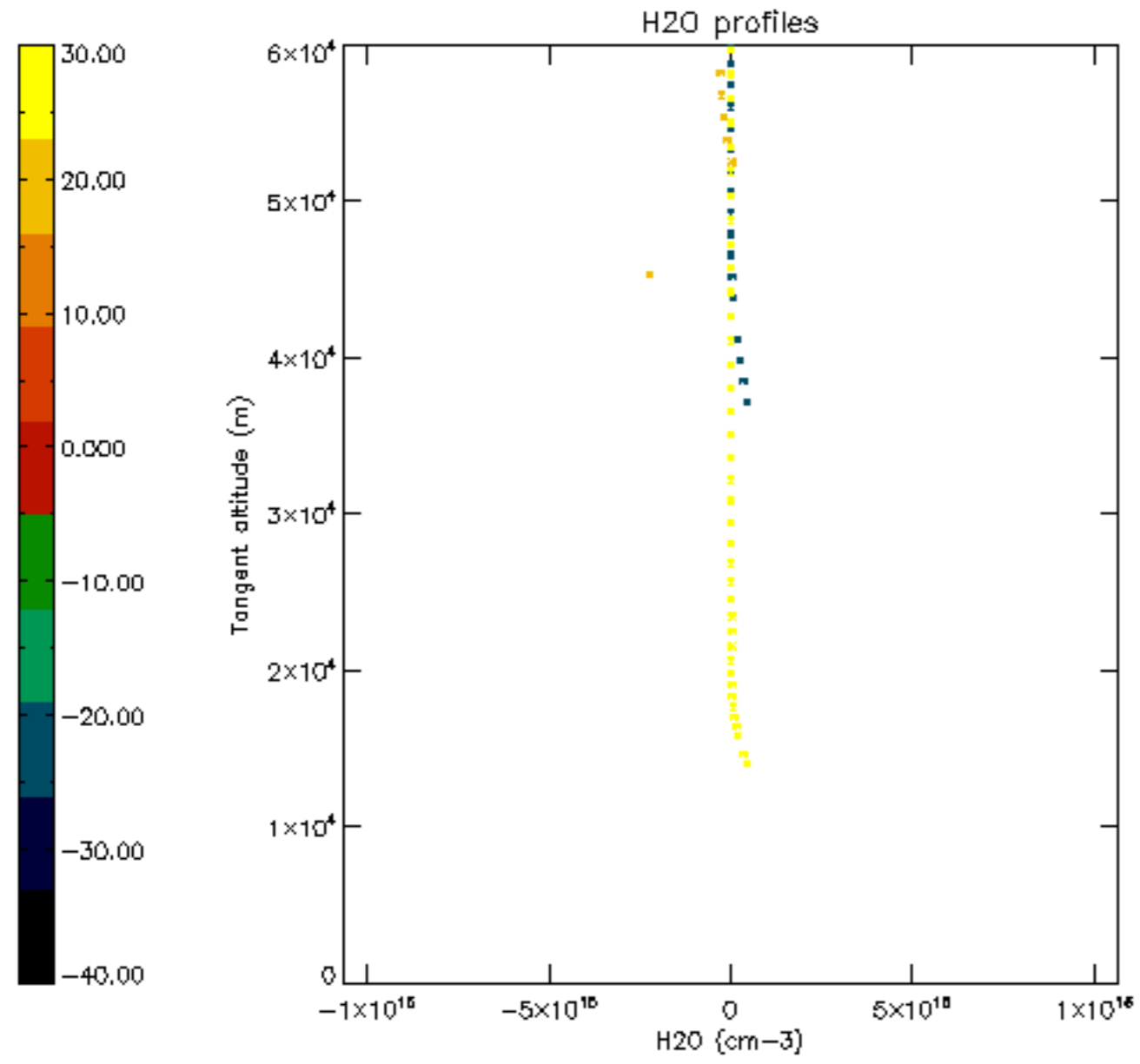


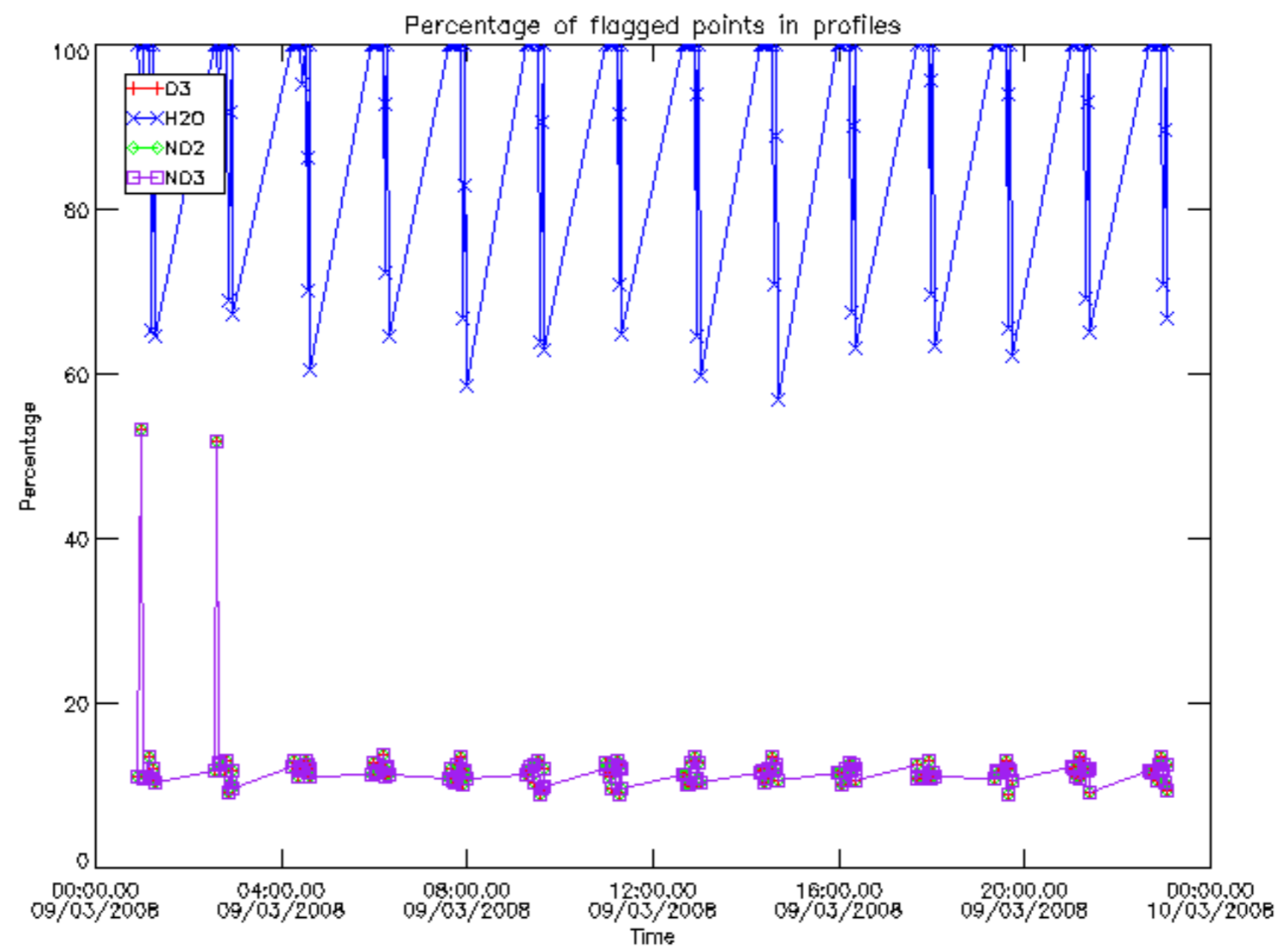




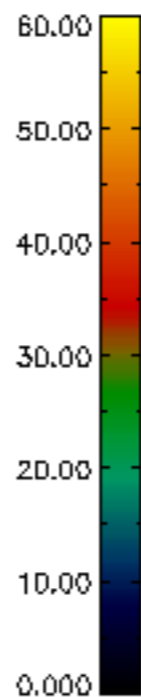
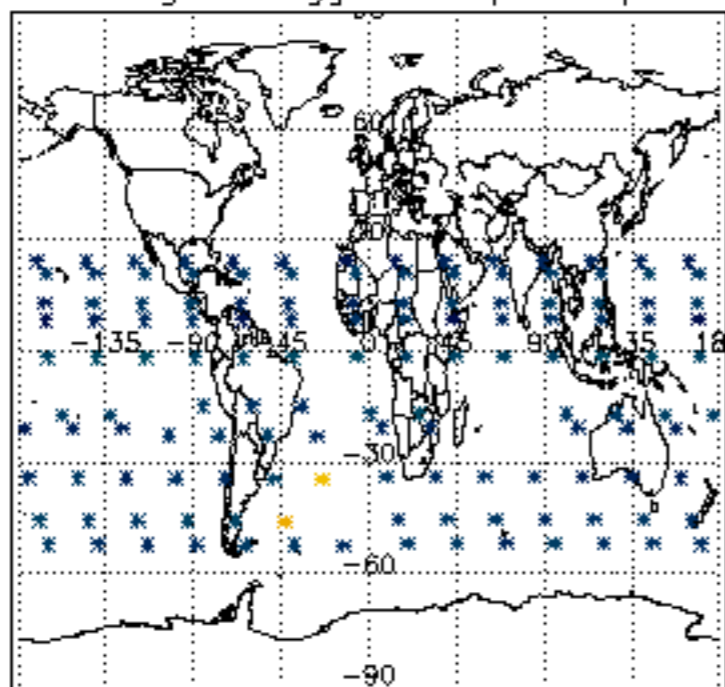




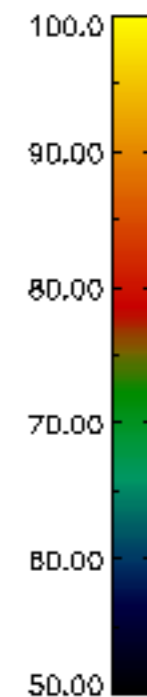
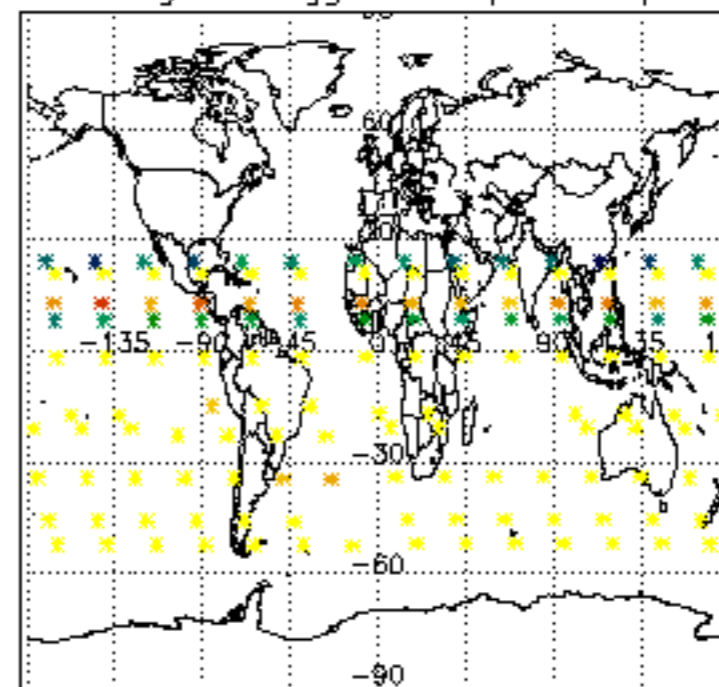




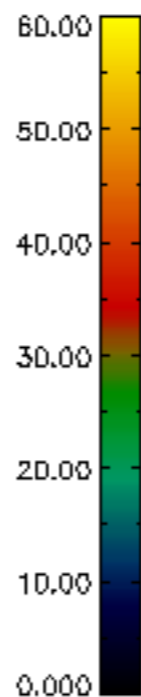
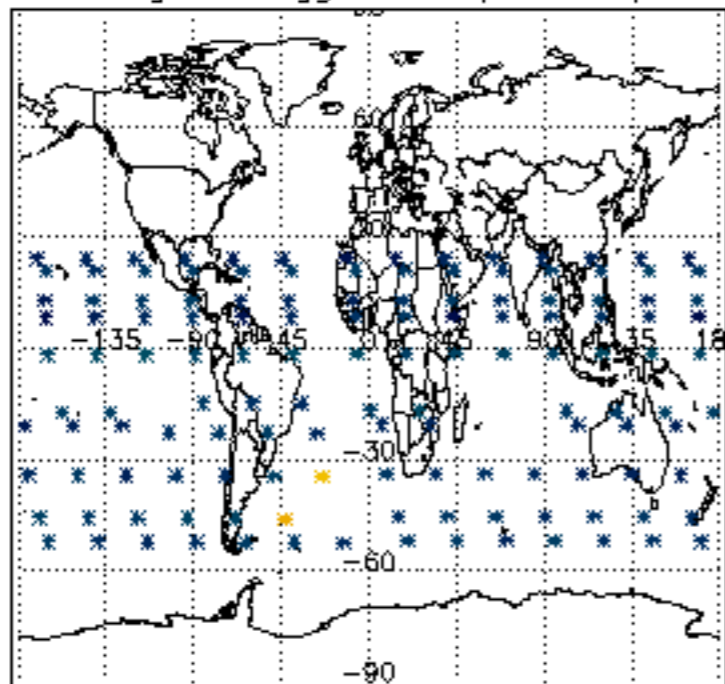
Percentage of flagged data per D3 profile



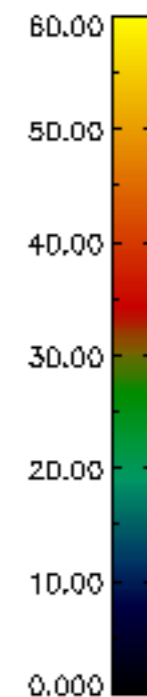
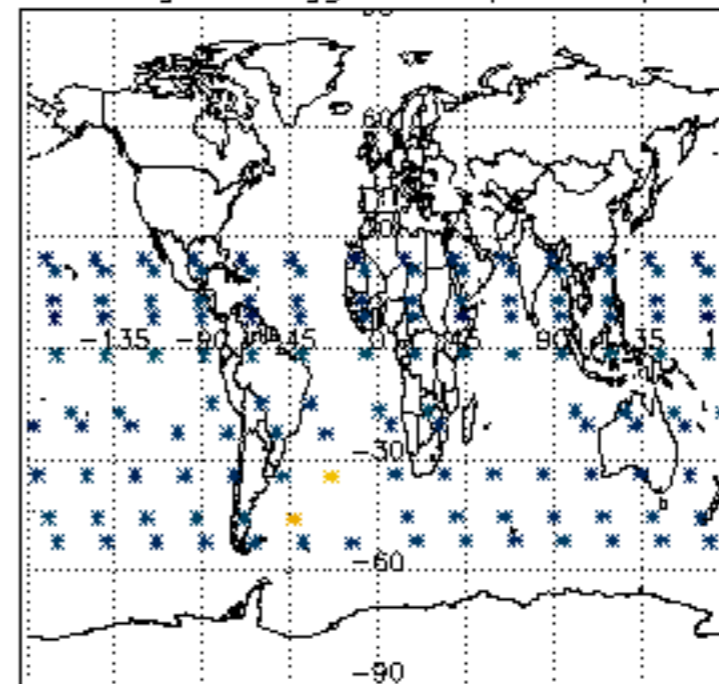
Percentage of flagged data per H2O profile

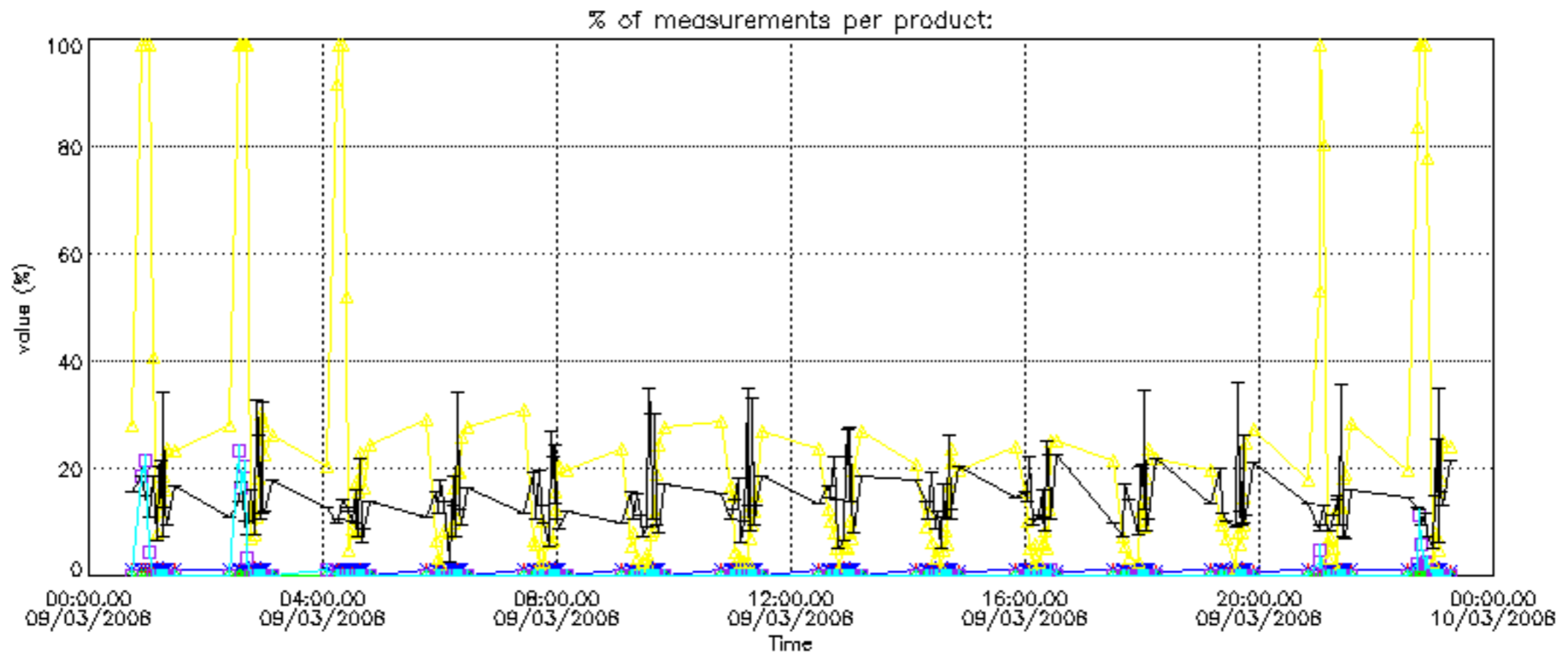


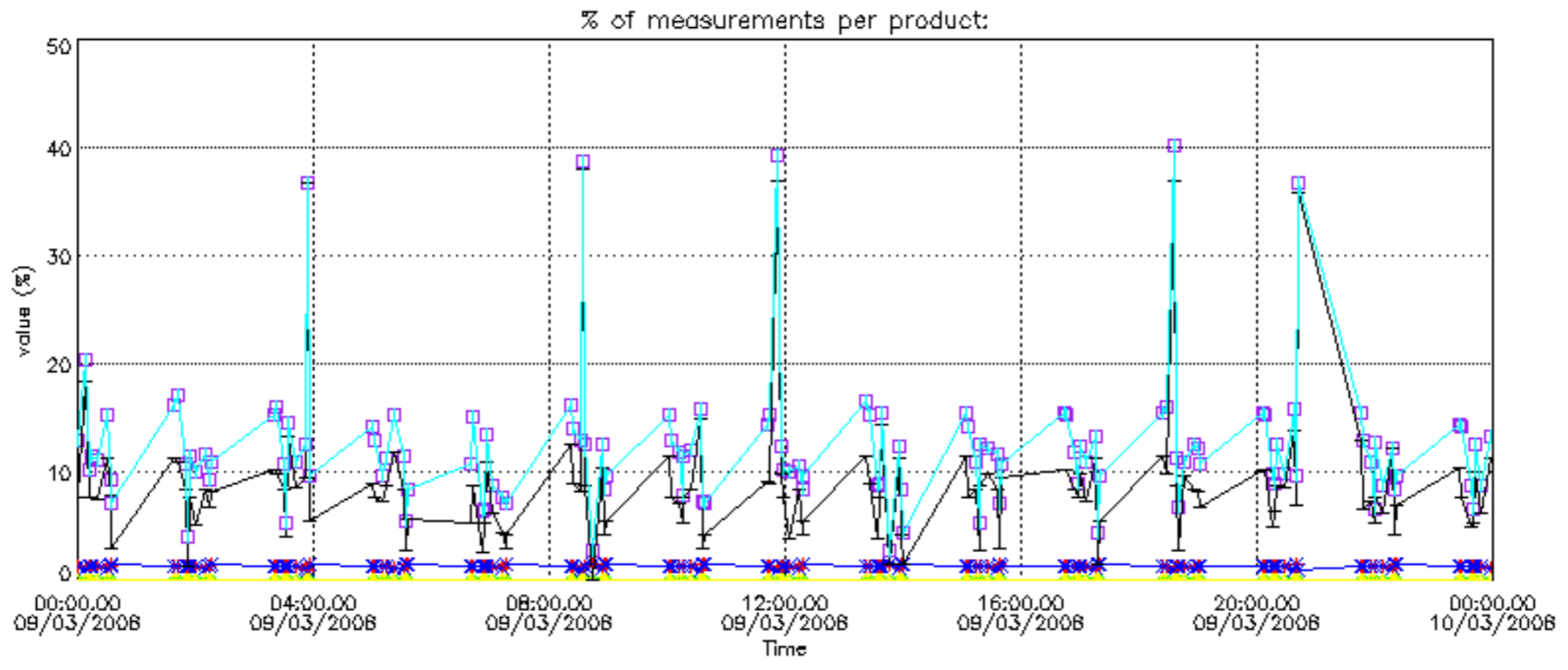
Percentage of flagged data per NO2 profile



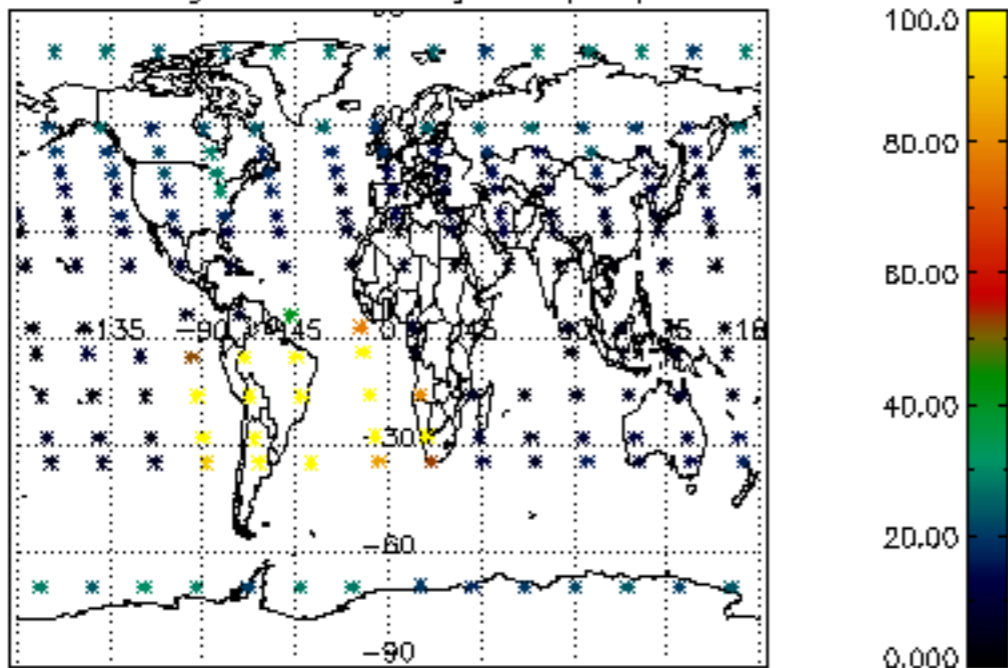
Percentage of flagged data per NO3 profile



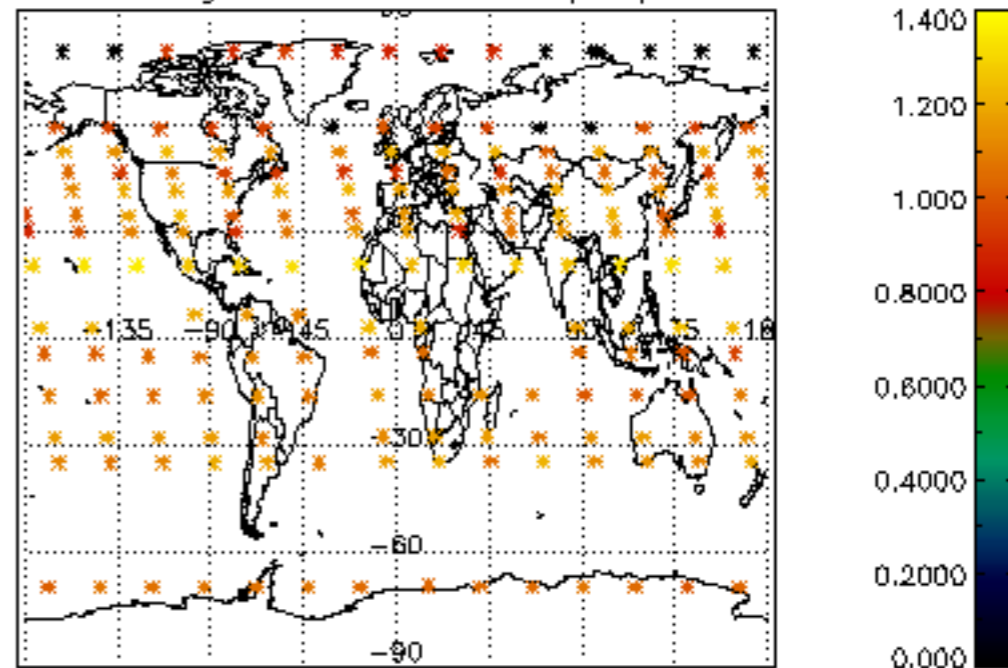




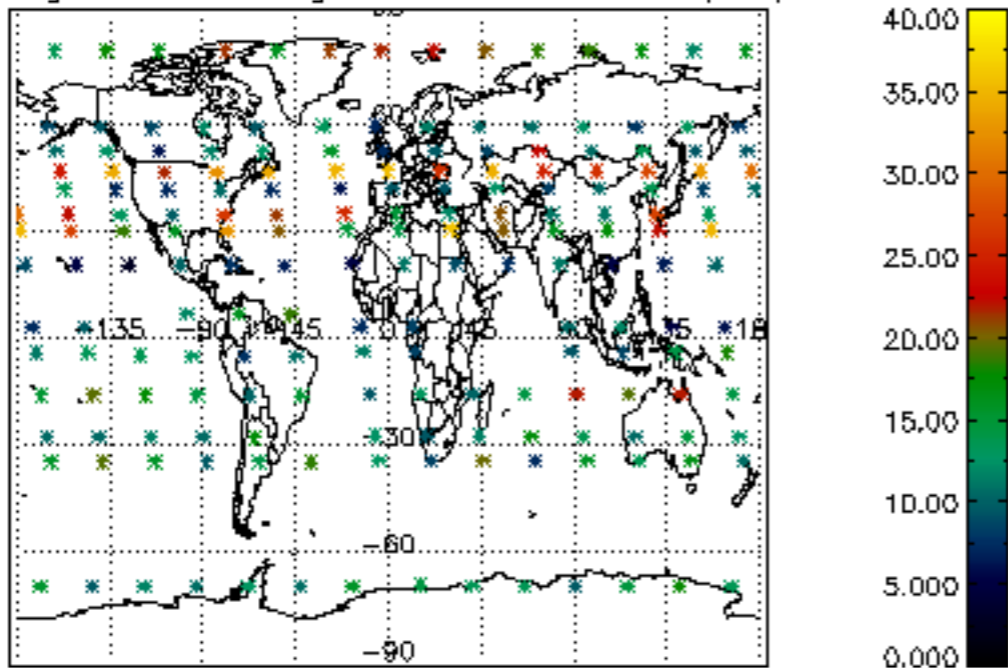
Percentage of cosmic ray hits per profile



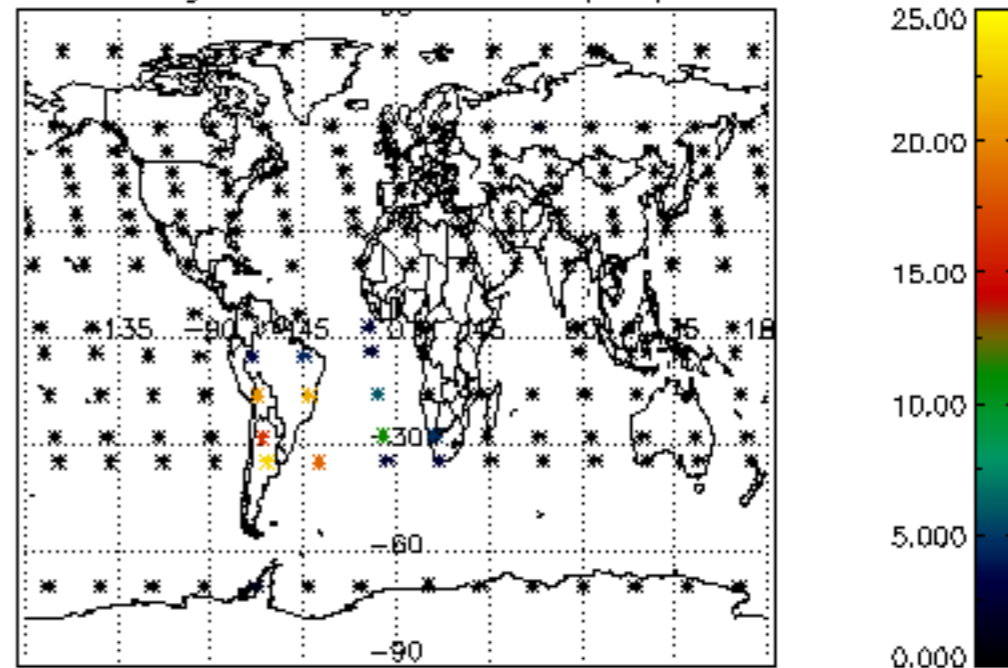
Percentage of datation errors per profile



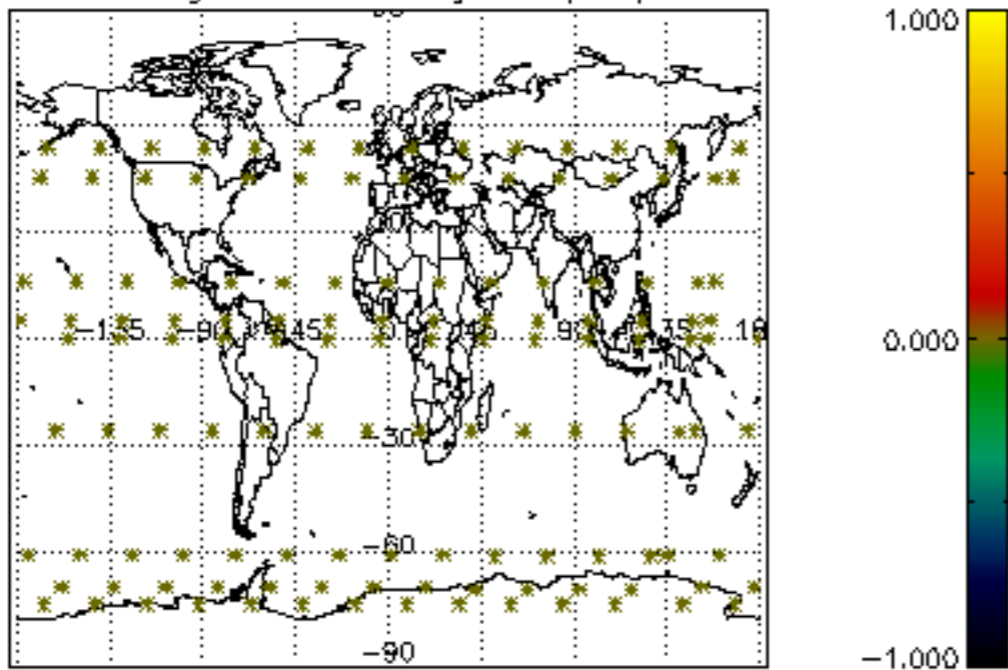
Percentage of star falling outside central band per profile



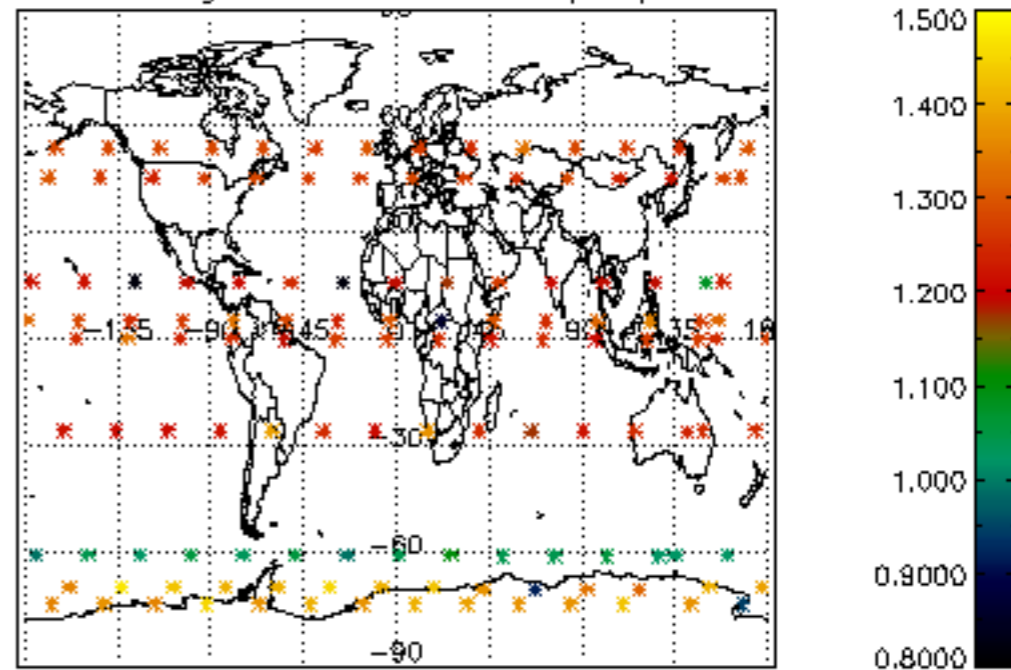
Percentage of saturation errors per profile



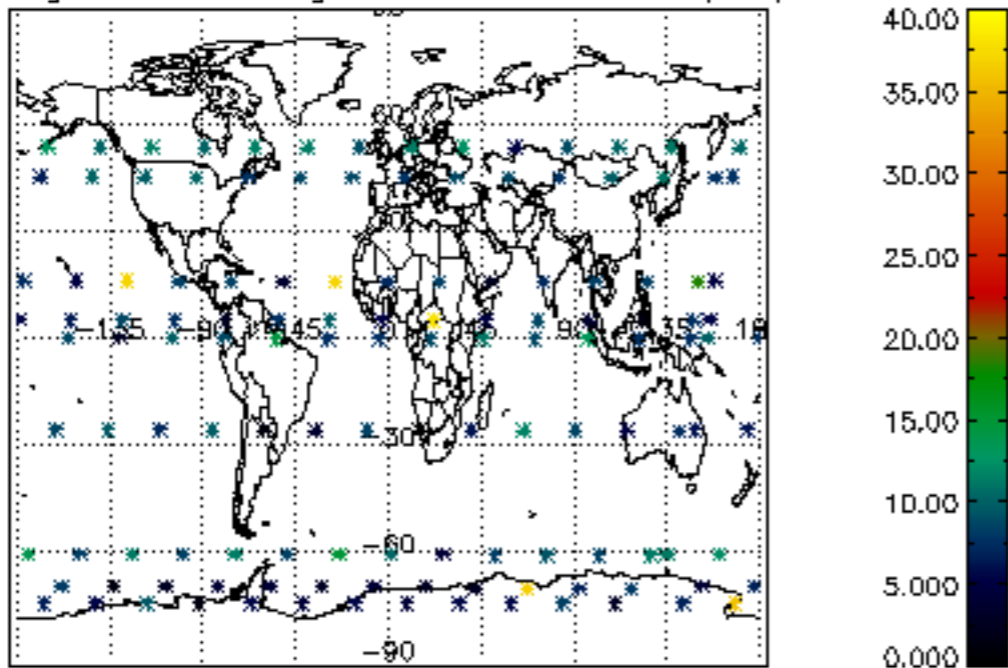
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

