

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	22APR2013 15:53:17
Data source version	GOMOS/6.01
Start time of products	18-02-2006 (18FEB2006 00:00:00)
Stop time of products	19-02-2006 (19FEB2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	323
Nb of prods with errors	1

## 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__2PRFIN20060218_000330_000000342045_00159_20754_8812.N1	18-FEB-2006 00:03:30	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20754	No
2	GOM_NL__2PRFIN20060218_000506_000000342045_00159_20754_8813.N1	18-FEB-2006 00:05:06	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	20754	No
3	GOM_NL__2PRFIN20060218_001320_000000352045_00159_20754_8814.N1	18-FEB-2006 00:13:20	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20754	No
4	GOM_NL__2PRFIN20060218_002254_000000432045_00159_20754_8815.N1	18-FEB-2006 00:22:54	Twilight	42.500	155	41Pi Sgr	2.9000	6600.0	85	20754	No
5	GOM_NL__2PRFIN20060218_002435_000000422045_00159_20754_8816.N1	18-FEB-2006 00:24:35	Twilight	42.000	57	34Sig Sgr	2.0660	26000.	84	20754	No
6	GOM_NL__2PRFIN20060218_002725_000000412045_00159_20754_8817.N1	18-FEB-2006 00:27:25	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20754	No
7	GOM_NL__2PRFIN20060218_002941_000000212045_00159_20754_8818.N1	18-FEB-2006 00:29:41	Dark	21.000	25	35Lam Sco	1.6200	28000.	42	20754	No
8	GOM_NL__2PRFIN20060218_003055_000000452045_00159_20754_8819.N1	18-FEB-2006 00:30:55	Dark	44.500	40	The Sco	1.8590	7100.0	89	20754	No
9	GOM_NL__2PRFIN20060218_003239_000000382045_00159_20754_8820.N1	18-FEB-2006 00:32:39	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20754	No
10	GOM_NL__2PRFIN20060218_003404_000000392045_00159_20754_8821.N1	18-FEB-2006 00:34:04	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20754	No
11	GOM_NL__2PRFIN20060218_003800_000000392045_00160_20755_8798.N1	18-FEB-2006 00:38:00	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20755	No
12	GOM_NL__2PRFIN20060218_004020_000000412045_00160_20755_8799.N1	18-FEB-2006 00:40:20	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	20755	No
13	GOM_NL__2PRFIN20060218_004439_000000392045_00160_20755_8800.N1	18-FEB-2006 00:44:39	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	20755	No
14	GOM_NL__2PRFIN20060218_004653_000000372045_00160_20755_8801.N1	18-FEB-2006 00:46:53	Dark	37.000	29	Bet Car	1.6720	10200.	74	20755	No
15	GOM_NL__2PRFIN20060218_004933_000000402045_00160_20755_8802.N1	18-FEB-2006 00:49:33	Dark	39.500	71	lot Car	2.2460	7700.0	79	20755	No
16	GOM_NL__2PRFIN20060218_005109_000000402045_00160_20755_8803.N1	18-FEB-2006 00:51:09	Straylight	40.000	46	Del Vel	1.9540	10600.	80	20755	No
17	GOM_NL__2PRFIN20060218_005354_000000422045_00160_20755_8804.N1	18-FEB-2006 00:53:54	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	20755	No
18	GOM_NL__2PRFIN20060218_005536_000000402045_00160_20755_8805.N1	18-FEB-2006 00:55:36	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	20755	No
19	GOM_NL__2PRFIN20060218_005954_000000392045_00160_20755_8806.N1	18-FEB-2006 00:59:54	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20755	No
20	GOM_NL__2PRFIN20060218_010821_000000422045_00160_20755_8807.N1	18-FEB-2006 01:08:21	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	20755	No
21	GOM_NL__2PRFIN20060218_011435_000000382045_00160_20755_8808.N1	18-FEB-2006 01:14:35	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20755	No
22	GOM_NL__2PRFIN20060218_011544_000000372045_00160_20755_8809.N1	18-FEB-2006 01:15:44	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	20755	No
23	GOM_NL__2PRFIN20060218_013154_000000352045_00160_20755_8810.N1	18-FEB-2006 01:31:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20755	No
24	GOM_NL__2PRFIN20060218_013859_000000362045_00160_20755_8811.N1	18-FEB-2006 01:38:59	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20755	No
25	GOM_NL__2PRFIN20060218_014406_000000372045_00160_20755_8812.N1	18-FEB-2006 01:44:06	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	20755	No
26	GOM_NL__2PRFIN20060218_014542_000000342045_00160_20755_8813.N1	18-FEB-2006 01:45:42	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20755	No
27	GOM_NL__2PRFIN20060218_015356_000000352045_00160_20755_8814.N1	18-FEB-2006 01:53:56	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20755	No
28	GOM_NL__2PRFIN20060218_020331_000000392045_00160_20755_8815.N1	18-FEB-2006 02:03:31	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	20755	No
29	GOM_NL__2PRFIN20060218_020511_000000392045_00160_20755_8816.N1	18-FEB-2006 02:05:11	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20755	No
30	GOM_NL__2PRFIN20060218_020801_000000432045_00160_20755_8817.N1	18-FEB-2006 02:08:01	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	20755	No
31	GOM_NL__2PRFIN20060218_021018_000000212045_00160_20755_8818.N1	18-FEB-2006 02:10:18	Dark	21.000	25	35Lam Sco	1.6200	28000.	42	20755	No
32	GOM_NL__2PRFIN20060218_021132_000000452045_00160_20755_8819.N1	18-FEB-2006 02:11:32	Dark	44.500	40	The Sco	1.8590	7100.0	89	20755	No
33	GOM_NL__2PRFIN20060218_021315_000000392045_00160_20755_8820.N1	18-FEB-2006 02:13:15	Dark	38.500	147	Alp Ara	2.8770	26000.	77	20755	No
34	GOM_NL__2PRFIN20060218_021440_000000392045_00160_20755_8821.N1	18-FEB-2006 02:14:40	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20755	No
35	GOM_NL__2PRFIN20060218_021837_000000382045_00161_20756_8802.N1	18-FEB-2006 02:18:37	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20756	No
36	GOM_NL__2PRFIN20060218_022056_000000462045_00161_20756_8803.N1	18-FEB-2006 02:20:56	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	20756	No
37	GOM_NL__2PRFIN20060218_022515_000000392045_00161_20756_8804.N1	18-FEB-2006 02:25:15	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	20756	No
38	GOM_NL__2PRFIN20060218_022729_000000422045_00161_20756_8805.N1	18-FEB-2006 02:27:29	Dark	41.500	29	Bet Car	1.6720	10200.	83	20756	No
39	GOM_NL__2PRFIN20060218_023009_000000402045_00161_20756_8806.N1	18-FEB-2006 02:30:09	Dark	39.500	71	lot Car	2.2460	7700.0	79	20756	No
40	GOM_NL__2PRFIN20060218_023145_000000382045_00161_20756_8807.N1	18-FEB-2006 02:31:45	Dark	37.500	46	Del Vel	1.9540	10600.	75	20756	No
41	GOM_NL__2PRFIN20060218_023431_000000452045_00161_20756_8808.N1	18-FEB-2006 02:34:31	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	20756	No
42	GOM_NL__2PRFIN20060218_023612_000000392045_00161_20756_8809.N1	18-FEB-2006 02:36:12	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	20756	No

43	GOM_NL__2PRFIN20060218_024030_000000392045_00161_20756_8810.N1	18-FEB-2006 02:40:30	Straylight	38.500	132	15Rho Pup	2.8030	6900.0	77	20756	No
44	GOM_NL__2PRFIN20060218_024858_000000452045_00161_20756_8811.N1	18-FEB-2006 02:48:58	Bright	44.500	8	10Alp CMi	0.40000	6500.0	89	20756	No
45	GOM_NL__2PRFIN20060218_025511_000000402045_00161_20756_8812.N1	18-FEB-2006 02:55:11	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	20756	No
46	GOM_NL__2PRFIN20060218_025620_000000372045_00161_20756_8813.N1	18-FEB-2006 02:56:20	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	20756	No
47	GOM_NL__2PRFIN20060218_031230_000000322045_00161_20756_8814.N1	18-FEB-2006 03:12:30	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	20756	No
48	GOM_NL__2PRFIN20060218_031936_000000352045_00161_20756_8815.N1	18-FEB-2006 03:19:36	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20756	No
49	GOM_NL__2PRFIN20060218_032442_000000342045_00161_20756_8816.N1	18-FEB-2006 03:24:42	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20756	No
50	GOM_NL__2PRFIN20060218_032618_000000342045_00161_20756_8817.N1	18-FEB-2006 03:26:18	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20756	No
51	GOM_NL__2PRFIN20060218_033432_000000352045_00161_20756_8818.N1	18-FEB-2006 03:34:32	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20756	No
52	GOM_NL__2PRFIN20060218_034407_000000432045_00161_20756_8819.N1	18-FEB-2006 03:44:07	Twilight	42.500	155	41Pi Sgr	2.9000	6600.0	85	20756	No
53	GOM_NL__2PRFIN20060218_034548_000000412045_00161_20756_8820.N1	18-FEB-2006 03:45:48	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	20756	No
54	GOM_NL__2PRFIN20060218_034838_000000422045_00161_20756_8821.N1	18-FEB-2006 03:48:38	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20756	No
55	GOM_NL__2PRFIN20060218_035054_000000112045_00161_20756_8822.N1	18-FEB-2006 03:50:54	Dark	11.000	25	35Lam Sco	1.6200	28000.	22	20756	No
56	GOM_NL__2PRFIN20060218_035208_000000502045_00161_20756_8823.N1	18-FEB-2006 03:52:08	Dark	49.500	40	The Sco	1.8590	7100.0	99	20756	No
57	GOM_NL__2PRFIN20060218_035352_000000382045_00161_20756_8824.N1	18-FEB-2006 03:53:52	Dark	37.500	147	Alp Ara	2.8770	26000.	75	20756	No
58	GOM_NL__2PRFIN20060218_035517_000000382045_00161_20756_8825.N1	18-FEB-2006 03:55:17	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	20756	No
59	GOM_NL__2PRFIN20060218_035913_000000392045_00162_20757_8802.N1	18-FEB-2006 03:59:13	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	20757	No
60	GOM_NL__2PRFIN20060218_040133_000000432045_00162_20757_8803.N1	18-FEB-2006 04:01:33	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	20757	No
61	GOM_NL__2PRFIN20060218_040552_000000532045_00162_20757_8804.N1	18-FEB-2006 04:05:52	Dark	52.500	12	Alp1Cru	0.77500	30000.	105	20757	No
62	GOM_NL__2PRFIN20060218_040806_000000372045_00162_20757_8805.N1	18-FEB-2006 04:08:06	Dark	37.000	29	Bet Car	1.6720	10200.	74	20757	No
63	GOM_NL__2PRFIN20060218_041046_000000422045_00162_20757_8806.N1	18-FEB-2006 04:10:46	Dark	41.500	71	lot Car	2.2460	7700.0	83	20757	No
64	GOM_NL__2PRFIN20060218_041222_000000392045_00162_20757_8807.N1	18-FEB-2006 04:12:22	Straylight	39.000	46	Del Vel	1.9540	10600.	78	20757	No
65	GOM_NL__2PRFIN20060218_041507_000000442045_00162_20757_8808.N1	18-FEB-2006 04:15:07	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	20757	No
66	GOM_NL__2PRFIN20060218_041648_000000402045_00162_20757_8809.N1	18-FEB-2006 04:16:48	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	20757	No
67	GOM_NL__2PRFIN20060218_042106_000000392045_00162_20757_8810.N1	18-FEB-2006 04:21:06	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20757	No
68	GOM_NL__2PRFIN20060218_042934_000000422045_00162_20757_8811.N1	18-FEB-2006 04:29:34	Bright	42.000	8	10Alp CMi	0.40000	6500.0	84	20757	No
69	GOM_NL__2PRFIN20060218_043548_000000402045_00162_20757_8812.N1	18-FEB-2006 04:35:48	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	20757	No
70	GOM_NL__2PRFIN20060218_043657_000000362045_00162_20757_8813.N1	18-FEB-2006 04:36:57	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20757	No
71	GOM_NL__2PRFIN20060218_045307_000000352045_00162_20757_8814.N1	18-FEB-2006 04:53:07	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20757	No
72	GOM_NL__2PRFIN20060218_050012_000000362045_00162_20757_8815.N1	18-FEB-2006 05:00:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20757	No
73	GOM_NL__2PRFIN20060218_050518_000000352045_00162_20757_8816.N1	18-FEB-2006 05:05:18	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	20757	No
74	GOM_NL__2PRFIN20060218_050654_000000352045_00162_20757_8817.N1	18-FEB-2006 05:06:54	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20757	No
75	GOM_NL__2PRFIN20060218_051508_000000352045_00162_20757_8818.N1	18-FEB-2006 05:15:08	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20757	No
76	GOM_NL__2PRFIN20060218_052443_000000402045_00162_20757_8819.N1	18-FEB-2006 05:24:43	Twilight	39.500	155	41Pi Sgr	2.9000	6600.0	79	20757	No
77	GOM_NL__2PRFIN20060218_052624_000000412045_00162_20757_8820.N1	18-FEB-2006 05:26:24	Twilight	41.000	57	34Sig Sgr	2.0660	26000.	82	20757	No
78	GOM_NL__2PRFIN20060218_052914_000000442045_00162_20757_8821.N1	18-FEB-2006 05:29:14	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	20757	No
79	GOM_NL__2PRFIN20060218_053131_000000112045_00162_20757_8822.N1	18-FEB-2006 05:31:31	Dark	11.000	25	35Lam Sco	1.6200	28000.	22	20757	No
80	GOM_NL__2PRFIN20060218_053245_000000392045_00162_20757_8823.N1	18-FEB-2006 05:32:45	Dark	38.500	40	The Sco	1.8590	7100.0	77	20757	No
81	GOM_NL__2PRFIN20060218_053428_000000372045_00162_20757_8824.N1	18-FEB-2006 05:34:28	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20757	No
82	GOM_NL__2PRFIN20060218_053553_000000382045_00162_20757_8825.N1	18-FEB-2006 05:35:53	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	20757	No
83	GOM_NL__2PRFIN20060218_053950_000000392045_00163_20758_8802.N1	18-FEB-2006 05:39:50	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	20758	No
84	GOM_NL__2PRFIN20060218_054209_000000432045_00163_20758_8803.N1	18-FEB-2006 05:42:09	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20758	No
85	GOM_NL__2PRFIN20060218_054628_000000442045_00163_20758_8804.N1	18-FEB-2006 05:46:28	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	20758	No
86	GOM_NL__2PRFIN20060218_054842_000000392045_00163_20758_8805.N1	18-FEB-2006 05:48:42	Dark	39.000	29	Bet Car	1.6720	10200.	78	20758	No
87	GOM_NL__2PRFIN20060218_055122_000000432045_00163_20758_8806.N1	18-FEB-2006 05:51:22	Dark	42.500	71	lot Car	2.2460	7700.0	85	20758	No
88	GOM_NL__2PRFIN20060218_055258_000000392045_00163_20758_8807.N1	18-FEB-2006 05:52:58	Straylight	38.500	46	Del Vel	1.9540	10600.	77	20758	No
89	GOM_NL__2PRFIN20060218_055543_000000432045_00163_20758_8808.N1	18-FEB-2006 05:55:43	Straylight	42.500	65	Lam Vel	2.2040	4400.0	85	20758	No
90	GOM_NL__2PRFIN20060218_055724_000000332045_00163_20758_8809.N1	18-FEB-2006 05:57:24	Straylight	33.000	70	Zet Pup	2.2460	39000.	66	20758	No
91	GOM_NL__2PRFIN20060218_060142_000000372045_00163_20758_8810.N1	18-FEB-2006 06:01:42	Straylight	37.000	132	15Rho Pup	2.8030	6900.0	74	20758	No
92	GOM_NL__2PRFIN20060218_061010_000000442045_00163_20758_8811.N1	18-FEB-2006 06:10:10	Bright	43.500	8	10Alp CMi	0.40000	6500.0	87	20758	No
93	GOM_NL__2PRFIN20060218_061624_000000392045_00163_20758_8812.N1	18-FEB-2006 06:16:24	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20758	No
94	GOM_NL__2PRFIN20060218_061733_000000362045_00163_20758_8813.N1	18-FEB-2006 06:17:33	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20758	No
95	GOM_NL__2PRFIN20060218_063343_000000362045_00163_20758_8814.N1	18-FEB-2006 06:33:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20758	No
96	GOM_NL__2PRFIN20060218_064048_000000352045_00163_20758_8815.N1	18-FEB-2006 06:40:48	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20758	No
97	GOM_NL__2PRFIN20060218_064555_000000352045_00163_20758_8816.N1	18-FEB-2006 06:45:55	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	20758	No
98	GOM_NL__2PRFIN20060218_064730_000000332045_00163_20758_8817.N1	18-FEB-2006 06:47:30	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20758	No
99	GOM_NL__2PRFIN20060218_065545_000000362045_00163_20758_8818.N1	18-FEB-2006 06:55:45	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	20758	No
100	GOM_NL__2PRFIN20060218_070520_000000392045_00163_20758_8819.N1	18-FEB-2006 07:05:20	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	20758	No
101	GOM_NL__2PRFIN20060218_070701_000000392045_00163_20758_8820.N1	18-FEB-2006 07:07:01	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20758	No

102	GOM_NL__2PRFIN20060218_070951_000000412045_00163_20758_8821.N1	18-FEB-2006 07:09:51	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	20758	No
103	GOM_NL__2PRFIN20060218_071321_000000422045_00163_20758_8822.N1	18-FEB-2006 07:13:21	Dark	42.000	40	The Sco	1.8590	7100.0	84	20758	No
104	GOM_NL__2PRFIN20060218_071505_000000392045_00163_20758_8823.N1	18-FEB-2006 07:15:05	Dark	39.000	147	Alp Ara	2.8770	26000.	78	20758	No
105	GOM_NL__2PRFIN20060218_071629_000000412045_00163_20758_8824.N1	18-FEB-2006 07:16:29	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20758	No
106	GOM_NL__2PRFIN20060218_072026_000000382045_00164_20759_8802.N1	18-FEB-2006 07:20:26	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20759	No
107	GOM_NL__2PRFIN20060218_072246_000000572045_00164_20759_8803.N1	18-FEB-2006 07:22:46	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	20759	No
108	GOM_NL__2PRFIN20060218_072705_000000412045_00164_20759_8804.N1	18-FEB-2006 07:27:05	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	20759	No
109	GOM_NL__2PRFIN20060218_072918_000000372045_00164_20759_8805.N1	18-FEB-2006 07:29:18	Dark	37.000	29	Bet Car	1.6720	10200.	74	20759	No
110	GOM_NL__2PRFIN20060218_073158_000000402045_00164_20759_8806.N1	18-FEB-2006 07:31:58	Dark	40.000	71	lot Car	2.2460	7700.0	80	20759	No
111	GOM_NL__2PRFIN20060218_073334_000000382045_00164_20759_8807.N1	18-FEB-2006 07:33:34	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20759	No
112	GOM_NL__2PRFIN20060218_073619_000000422045_00164_20759_8808.N1	18-FEB-2006 07:36:19	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20759	No
113	GOM_NL__2PRFIN20060218_073819_000000202045_00164_20759_8809.N1	18-FEB-2006 07:38:19	Dark	20.000	70	Zet Pup	2.2460	39000.	40	20759	Yes
114	GOM_NL__2PRFIN20060218_074218_000000372045_00164_20759_8810.N1	18-FEB-2006 07:42:18	Straylight	36.500	132	15Rho Pup	2.8030	6900.0	73	20759	No
115	GOM_NL__2PRFIN20060218_075046_000000402045_00164_20759_8811.N1	18-FEB-2006 07:50:46	Bright	40.000	8	10Alp CMi	0.40000	6500.0	80	20759	No
116	GOM_NL__2PRFIN20060218_075700_000000392045_00164_20759_8812.N1	18-FEB-2006 07:57:00	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20759	No
117	GOM_NL__2PRFIN20060218_075809_000000372045_00164_20759_8813.N1	18-FEB-2006 07:58:09	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	20759	No
118	GOM_NL__2PRFIN20060218_081419_000000332045_00164_20759_8814.N1	18-FEB-2006 08:14:19	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20759	No
119	GOM_NL__2PRFIN20060218_082124_000000362045_00164_20759_8815.N1	18-FEB-2006 08:21:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20759	No
120	GOM_NL__2PRFIN20060218_082631_000000332045_00164_20759_8816.N1	18-FEB-2006 08:26:31	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20759	No
121	GOM_NL__2PRFIN20060218_082807_000000342045_00164_20759_8817.N1	18-FEB-2006 08:28:07	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20759	No
122	GOM_NL__2PRFIN20060218_083621_000000362045_00164_20759_8818.N1	18-FEB-2006 08:36:21	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	20759	No
123	GOM_NL__2PRFIN20060218_084556_000000382045_00164_20759_8819.N1	18-FEB-2006 08:45:56	Twilight	37.500	155	41Pi Sgr	2.9000	6600.0	75	20759	No
124	GOM_NL__2PRFIN20060218_084737_000000402045_00164_20759_8820.N1	18-FEB-2006 08:47:37	Twilight	40.000	57	34Sig Sgr	2.0660	26000.	80	20759	No
125	GOM_NL__2PRFIN20060218_085027_000000412045_00164_20759_8821.N1	18-FEB-2006 08:50:27	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	20759	No
126	GOM_NL__2PRFIN20060218_085358_000000492045_00164_20759_8822.N1	18-FEB-2006 08:53:58	Dark	48.500	40	The Sco	1.8590	7100.0	97	20759	No
127	GOM_NL__2PRFIN20060218_085541_000000392045_00164_20759_8823.N1	18-FEB-2006 08:55:41	Dark	38.500	147	Alp Ara	2.8770	26000.	77	20759	No
128	GOM_NL__2PRFIN20060218_085706_000000462045_00164_20759_8824.N1	18-FEB-2006 08:57:06	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	20759	No
129	GOM_NL__2PRFIN20060218_090103_000000382045_00165_20760_8802.N1	18-FEB-2006 09:01:03	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20760	No
130	GOM_NL__2PRFIN20060218_090323_000000472045_00165_20760_8803.N1	18-FEB-2006 09:03:23	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	20760	No
131	GOM_NL__2PRFIN20060218_090741_000000432045_00165_20760_8804.N1	18-FEB-2006 09:07:41	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20760	No
132	GOM_NL__2PRFIN20060218_090954_000000382045_00165_20760_8805.N1	18-FEB-2006 09:09:54	Dark	38.000	29	Bet Car	1.6720	10200.	76	20760	No
133	GOM_NL__2PRFIN20060218_091234_000000372045_00165_20760_8806.N1	18-FEB-2006 09:12:34	Dark	36.500	71	lot Car	2.2460	7700.0	73	20760	No
134	GOM_NL__2PRFIN20060218_091410_000000382045_00165_20760_8807.N1	18-FEB-2006 09:14:10	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20760	No
135	GOM_NL__2PRFIN20060218_091656_000000372045_00165_20760_8808.N1	18-FEB-2006 09:16:56	Straylight	37.000	65	Lam Vel	2.2040	4400.0	74	20760	No
136	GOM_NL__2PRFIN20060218_092254_000000392045_00165_20760_8809.N1	18-FEB-2006 09:22:54	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20760	No
137	GOM_NL__2PRFIN20060218_093122_000000422045_00165_20760_8810.N1	18-FEB-2006 09:31:22	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	20760	No
138	GOM_NL__2PRFIN20060218_093736_000000372045_00165_20760_8811.N1	18-FEB-2006 09:37:36	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	20760	No
139	GOM_NL__2PRFIN20060218_093845_000000362045_00165_20760_8812.N1	18-FEB-2006 09:38:45	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	20760	No
140	GOM_NL__2PRFIN20060218_095454_000000352045_00165_20760_8813.N1	18-FEB-2006 09:54:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20760	No
141	GOM_NL__2PRFIN20060218_100200_000000372045_00165_20760_8814.N1	18-FEB-2006 10:02:00	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20760	No
142	GOM_NL__2PRFIN20060218_100707_000000342045_00165_20760_8815.N1	18-FEB-2006 10:07:07	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20760	No
143	GOM_NL__2PRFIN20060218_100843_000000352045_00165_20760_8816.N1	18-FEB-2006 10:08:43	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20760	No
144	GOM_NL__2PRFIN20060218_101657_000000352045_00165_20760_8817.N1	18-FEB-2006 10:16:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20760	No
145	GOM_NL__2PRFIN20060218_102632_000000412045_00165_20760_8818.N1	18-FEB-2006 10:26:32	Twilight	41.000	155	41Pi Sgr	2.9000	6600.0	82	20760	No
146	GOM_NL__2PRFIN20060218_102813_000000422045_00165_20760_8819.N1	18-FEB-2006 10:28:13	Twilight	41.500	57	34Sig Sgr	2.0660	26000.	83	20760	No
147	GOM_NL__2PRFIN20060218_103103_000000422045_00165_20760_8820.N1	18-FEB-2006 10:31:03	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20760	No
148	GOM_NL__2PRFIN20060218_103434_000000462045_00165_20760_8821.N1	18-FEB-2006 10:34:34	Dark	45.500	40	The Sco	1.8590	7100.0	91	20760	No
149	GOM_NL__2PRFIN20060218_103617_000000402045_00165_20760_8822.N1	18-FEB-2006 10:36:17	Dark	39.500	147	Alp Ara	2.8770	26000.	79	20760	No
150	GOM_NL__2PRFIN20060218_103742_000000432045_00165_20760_8823.N1	18-FEB-2006 10:37:42	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	20760	No
151	GOM_NL__2PRFIN20060218_104139_000000382045_00166_20761_8802.N1	18-FEB-2006 10:41:39	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	20761	No
152	GOM_NL__2PRFIN20060218_104359_000000442045_00166_20761_8803.N1	18-FEB-2006 10:43:59	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	20761	No
153	GOM_NL__2PRFIN20060218_104817_000000442045_00166_20761_8804.N1	18-FEB-2006 10:48:17	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	20761	No
154	GOM_NL__2PRFIN20060218_105030_000000362045_00166_20761_8805.N1	18-FEB-2006 10:50:30	Dark	36.000	29	Bet Car	1.6720	10200.	72	20761	No
155	GOM_NL__2PRFIN20060218_105310_000000382045_00166_20761_8806.N1	18-FEB-2006 10:53:10	Dark	38.000	71	lot Car	2.2460	7700.0	76	20761	No
156	GOM_NL__2PRFIN20060218_105446_000000372045_00166_20761_8807.N1	18-FEB-2006 10:54:46	Straylight	36.500	46	Del Vel	1.9540	10600.	73	20761	No
157	GOM_NL__2PRFIN20060218_105732_000000432045_00166_20761_8808.N1	18-FEB-2006 10:57:32	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	20761	No
158	GOM_NL__2PRFIN20060218_110331_000000402045_00166_20761_8809.N1	18-FEB-2006 11:03:31	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	20761	No
159	GOM_NL__2PRFIN20060218_111159_000000432045_00166_20761_8810.N1	18-FEB-2006 11:11:59	Bright	42.500	8	10Alp CMi	0.40000	6500.0	85	20761	No
160	GOM_NL__2PRFIN20060218_111812_000000382045_00166_20761_8811.N1	18-FEB-2006 11:18:12	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20761	No

161	GOM_NL__2PRFIN20060218_111921_000000362045_00166_20761_8812.N1	18-FEB-2006 11:19:21	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20761	No
162	GOM_NL__2PRFIN20060218_113530_000000332045_00166_20761_8813.N1	18-FEB-2006 11:35:30	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	20761	No
163	GOM_NL__2PRFIN20060218_114236_000000362045_00166_20761_8814.N1	18-FEB-2006 11:42:36	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20761	No
164	GOM_NL__2PRFIN20060218_114743_000000342045_00166_20761_8815.N1	18-FEB-2006 11:47:43	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20761	No
165	GOM_NL__2PRFIN20060218_114919_000000352045_00166_20761_8816.N1	18-FEB-2006 11:49:19	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20761	No
166	GOM_NL__2PRFIN20060218_115733_000000352045_00166_20761_8817.N1	18-FEB-2006 11:57:33	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20761	No
167	GOM_NL__2PRFIN20060218_120708_000000392045_00166_20761_8818.N1	18-FEB-2006 12:07:08	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	20761	No
168	GOM_NL__2PRFIN20060218_120849_000000392045_00166_20761_8819.N1	18-FEB-2006 12:08:49	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20761	No
169	GOM_NL__2PRFIN20060218_121140_000000412045_00166_20761_8820.N1	18-FEB-2006 12:11:40	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20761	No
170	GOM_NL__2PRFIN20060218_121511_000000452045_00166_20761_8821.N1	18-FEB-2006 12:15:11	Dark	45.000	40	The Sco	1.8590	7100.0	90	20761	No
171	GOM_NL__2PRFIN20060218_121654_000000392045_00166_20761_8822.N1	18-FEB-2006 12:16:54	Dark	39.000	147	Alp Ara	2.8770	26000.	78	20761	No
172	GOM_NL__2PRFIN20060218_121818_000000392045_00166_20761_8823.N1	18-FEB-2006 12:18:18	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20761	No
173	GOM_NL__2PRFIN20060218_122215_000000392045_00167_20762_8802.N1	18-FEB-2006 12:22:15	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20762	No
174	GOM_NL__2PRFIN20060218_122436_000000432045_00167_20762_8803.N1	18-FEB-2006 12:24:36	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20762	No
175	GOM_NL__2PRFIN20060218_122854_000000482045_00167_20762_8804.N1	18-FEB-2006 12:28:54	Dark	48.000	12	Alp1Cru	0.77500	30000.	96	20762	No
176	GOM_NL__2PRFIN20060218_123106_000000412045_00167_20762_8805.N1	18-FEB-2006 12:31:06	Dark	41.000	29	Bet Car	1.6720	10200.	82	20762	No
177	GOM_NL__2PRFIN20060218_123346_000000382045_00167_20762_8806.N1	18-FEB-2006 12:33:46	Dark	37.500	71	lot Car	2.2460	7700.0	75	20762	No
178	GOM_NL__2PRFIN20060218_123522_000000412045_00167_20762_8807.N1	18-FEB-2006 12:35:22	Straylight	40.500	46	Del Vel	1.9540	10600.	81	20762	No
179	GOM_NL__2PRFIN20060218_123808_000000422045_00167_20762_8808.N1	18-FEB-2006 12:38:08	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	20762	No
180	GOM_NL__2PRFIN20060218_124406_000000412045_00167_20762_8809.N1	18-FEB-2006 12:44:06	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	20762	No
181	GOM_NL__2PRFIN20060218_125235_000000432045_00167_20762_8810.N1	18-FEB-2006 12:52:35	Bright	42.500	8	10Alp CMi	0.40000	6500.0	85	20762	No
182	GOM_NL__2PRFIN20060218_125848_000000392045_00167_20762_8811.N1	18-FEB-2006 12:58:48	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20762	No
183	GOM_NL__2PRFIN20060218_125957_000000352045_00167_20762_8812.N1	18-FEB-2006 12:59:57	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	20762	No
184	GOM_NL__2PRFIN20060218_132312_000000352045_00167_20762_8813.N1	18-FEB-2006 13:23:12	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20762	No
185	GOM_NL__2PRFIN20060218_132819_000000342045_00167_20762_8814.N1	18-FEB-2006 13:28:19	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20762	No
186	GOM_NL__2PRFIN20060218_132955_000000332045_00167_20762_8815.N1	18-FEB-2006 13:29:55	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	20762	No
187	GOM_NL__2PRFIN20060218_133809_000000362045_00167_20762_8816.N1	18-FEB-2006 13:38:09	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	20762	No
188	GOM_NL__2PRFIN20060218_134744_000000372045_00167_20762_8817.N1	18-FEB-2006 13:47:44	Twilight	36.500	155	41Pi Sgr	2.9000	6600.0	73	20762	No
189	GOM_NL__2PRFIN20060218_134925_000000392045_00167_20762_8818.N1	18-FEB-2006 13:49:25	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20762	No
190	GOM_NL__2PRFIN20060218_135216_000000432045_00167_20762_8819.N1	18-FEB-2006 13:52:16	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	20762	No
191	GOM_NL__2PRFIN20060218_135547_000000452045_00167_20762_8820.N1	18-FEB-2006 13:55:47	Dark	44.500	40	The Sco	1.8590	7100.0	89	20762	No
192	GOM_NL__2PRFIN20060218_135730_000000382045_00167_20762_8821.N1	18-FEB-2006 13:57:30	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20762	No
193	GOM_NL__2PRFIN20060218_135855_000000382045_00167_20762_8822.N1	18-FEB-2006 13:58:55	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	20762	No
194	GOM_NL__2PRFIN20060218_140252_000000382045_00168_20763_8802.N1	18-FEB-2006 14:02:52	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20763	No
195	GOM_NL__2PRFIN20060218_140512_000000422045_00168_20763_8803.N1	18-FEB-2006 14:05:12	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20763	No
196	GOM_NL__2PRFIN20060218_140930_000000402045_00168_20763_8804.N1	18-FEB-2006 14:09:30	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20763	No
197	GOM_NL__2PRFIN20060218_141142_000000372045_00168_20763_8805.N1	18-FEB-2006 14:11:42	Dark	37.000	29	Bet Car	1.6720	10200.	74	20763	No
198	GOM_NL__2PRFIN20060218_141423_000000362045_00168_20763_8806.N1	18-FEB-2006 14:14:23	Dark	36.000	71	lot Car	2.2460	7700.0	72	20763	No
199	GOM_NL__2PRFIN20060218_141558_000000402045_00168_20763_8807.N1	18-FEB-2006 14:15:58	Straylight	40.000	46	Del Vel	1.9540	10600.	80	20763	No
200	GOM_NL__2PRFIN20060218_141844_000000422045_00168_20763_8808.N1	18-FEB-2006 14:18:44	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20763	No
201	GOM_NL__2PRFIN20060218_142443_000000402045_00168_20763_8809.N1	18-FEB-2006 14:24:43	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	20763	No
202	GOM_NL__2PRFIN20060218_143311_000000472045_00168_20763_8810.N1	18-FEB-2006 14:33:11	Bright	46.500	8	10Alp CMi	0.40000	6500.0	93	20763	No
203	GOM_NL__2PRFIN20060218_143924_000000372045_00168_20763_8811.N1	18-FEB-2006 14:39:24	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	20763	No
204	GOM_NL__2PRFIN20060218_144033_000000352045_00168_20763_8812.N1	18-FEB-2006 14:40:33	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	20763	No
205	GOM_NL__2PRFIN20060218_145642_000000342045_00168_20763_8813.N1	18-FEB-2006 14:56:42	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	20763	No
206	GOM_NL__2PRFIN20060218_150349_000000362045_00168_20763_8814.N1	18-FEB-2006 15:03:49	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20763	No
207	GOM_NL__2PRFIN20060218_150855_000000372045_00168_20763_8815.N1	18-FEB-2006 15:08:55	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20763	No
208	GOM_NL__2PRFIN20060218_151031_000000362045_00168_20763_8816.N1	18-FEB-2006 15:10:31	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	20763	No
209	GOM_NL__2PRFIN20060218_151846_000000352045_00168_20763_8817.N1	18-FEB-2006 15:18:46	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20763	No
210	GOM_NL__2PRFIN20060218_152821_000000412045_00168_20763_8818.N1	18-FEB-2006 15:28:21	Twilight	41.000	155	41Pi Sgr	2.9000	6600.0	82	20763	No
211	GOM_NL__2PRFIN20060218_153002_000000402045_00168_20763_8819.N1	18-FEB-2006 15:30:02	Twilight	39.500	57	34Sig Sgr	2.0660	26000.	79	20763	No
212	GOM_NL__2PRFIN20060218_153252_000000422045_00168_20763_8820.N1	18-FEB-2006 15:32:52	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20763	No
213	GOM_NL__2PRFIN20060218_153624_000000482045_00168_20763_8821.N1	18-FEB-2006 15:36:24	Dark	48.000	40	The Sco	1.8590	7100.0	96	20763	No
214	GOM_NL__2PRFIN20060218_153807_000000372045_00168_20763_8822.N1	18-FEB-2006 15:38:07	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20763	No
215	GOM_NL__2PRFIN20060218_153931_000000392045_00168_20763_8823.N1	18-FEB-2006 15:39:31	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20763	No
216	GOM_NL__2PRFIN20060218_154328_000000392045_00169_20764_8822.N1	18-FEB-2006 15:43:28	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20764	No
217	GOM_NL__2PRFIN20060218_154549_000000432045_00169_20764_8823.N1	18-FEB-2006 15:45:49	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20764	No
218	GOM_NL__2PRFIN20060218_155006_000000432045_00169_20764_8824.N1	18-FEB-2006 15:50:06	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20764	No
219	GOM_NL__2PRFIN20060218_155218_000000422045_00169_20764_8825.N1	18-FEB-2006 15:52:18	Dark	41.500	29	Bet Car	1.6720	10200.	83	20764	No

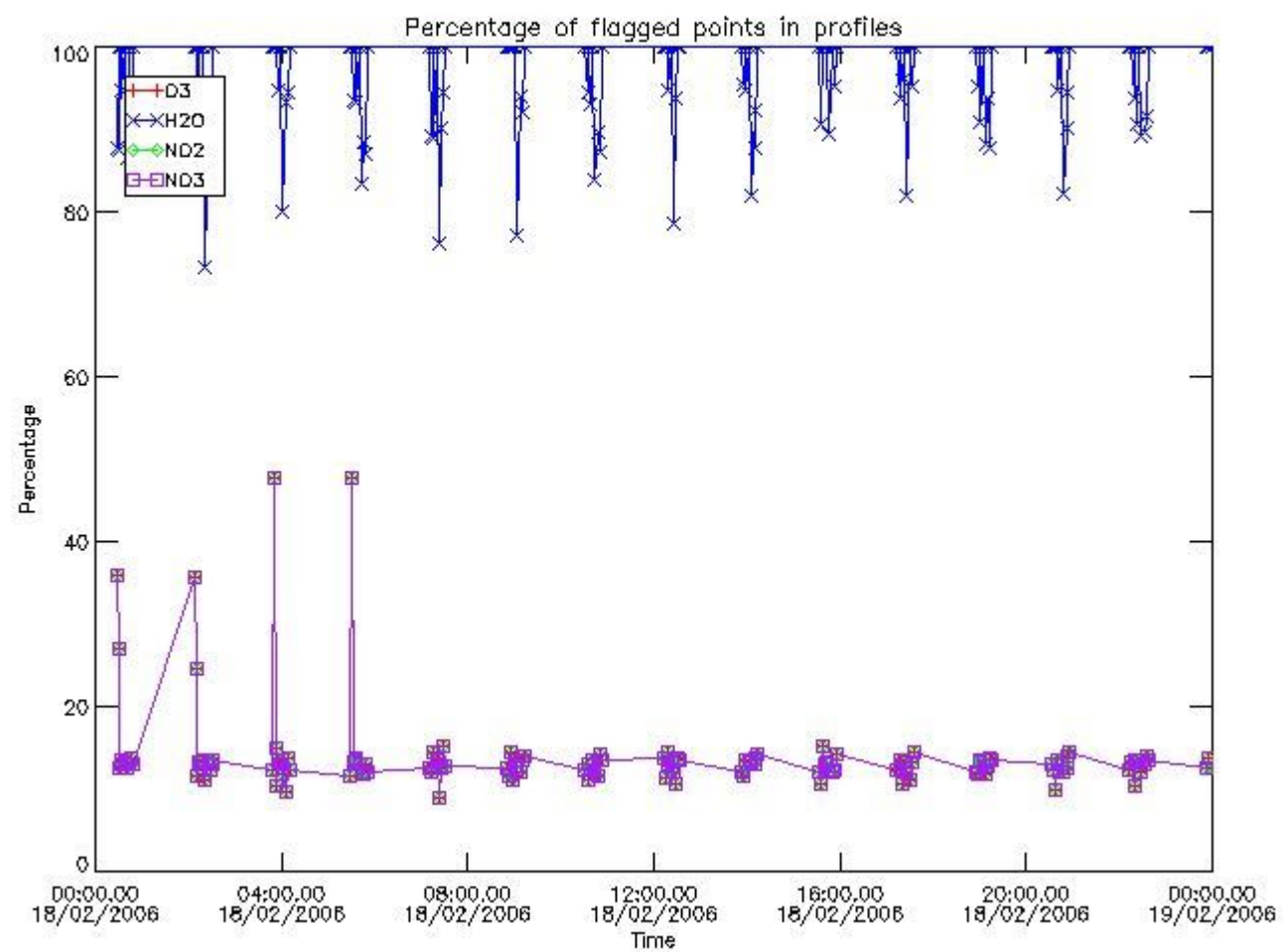
220	GOM_NL__2PRFIN20060218_155459_000000402045_00169_20764_8826.N1	18-FEB-2006 15:54:59	Dark	39.500	71	lot Car	2.2460	7700.0	79	20764	No
221	GOM_NL__2PRFIN20060218_155634_000000382045_00169_20764_8827.N1	18-FEB-2006 15:56:34	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20764	No
222	GOM_NL__2PRFIN20060218_155920_000000422045_00169_20764_8828.N1	18-FEB-2006 15:59:20	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20764	No
223	GOM_NL__2PRFIN20060218_160519_000000412045_00169_20764_8829.N1	18-FEB-2006 16:05:19	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	20764	No
224	GOM_NL__2PRFIN20060218_161347_000000422045_00169_20764_8830.N1	18-FEB-2006 16:13:47	Bright	42.000	8	10Alp CMi	0.40000	6500.0	84	20764	No
225	GOM_NL__2PRFIN20060218_162000_000000372045_00169_20764_8831.N1	18-FEB-2006 16:20:00	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	20764	No
226	GOM_NL__2PRFIN20060218_162109_000000372045_00169_20764_8832.N1	18-FEB-2006 16:21:09	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	20764	No
227	GOM_NL__2PRFIN20060218_163718_000000352045_00169_20764_8833.N1	18-FEB-2006 16:37:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20764	No
228	GOM_NL__2PRFIN20060218_164425_000000342045_00169_20764_8834.N1	18-FEB-2006 16:44:25	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	20764	No
229	GOM_NL__2PRFIN20060218_164931_000000372045_00169_20764_8835.N1	18-FEB-2006 16:49:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20764	No
230	GOM_NL__2PRFIN20060218_165107_000000352045_00169_20764_8836.N1	18-FEB-2006 16:51:07	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20764	No
231	GOM_NL__2PRFIN20060218_165922_000000372045_00169_20764_8837.N1	18-FEB-2006 16:59:22	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	20764	No
232	GOM_NL__2PRFIN20060218_170857_000000392045_00169_20764_8838.N1	18-FEB-2006 17:08:57	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	20764	No
233	GOM_NL__2PRFIN20060218_171038_000000432045_00169_20764_8839.N1	18-FEB-2006 17:10:38	Twilight	43.000	57	34Sig Sgr	2.0660	26000.	86	20764	No
234	GOM_NL__2PRFIN20060218_171329_000000422045_00169_20764_8840.N1	18-FEB-2006 17:13:29	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20764	No
235	GOM_NL__2PRFIN20060218_171700_000000412045_00169_20764_8841.N1	18-FEB-2006 17:17:00	Dark	40.500	40	The Sco	1.8590	7100.0	81	20764	No
236	GOM_NL__2PRFIN20060218_171843_000000382045_00169_20764_8842.N1	18-FEB-2006 17:18:43	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20764	No
237	GOM_NL__2PRFIN20060218_172008_000000482045_00169_20764_8843.N1	18-FEB-2006 17:20:08	Dark	48.000	141	Bet Ara	2.8400	4600.0	96	20764	No
238	GOM_NL__2PRFIN20060218_172405_000000392045_00170_20765_8822.N1	18-FEB-2006 17:24:05	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20765	No
239	GOM_NL__2PRFIN20060218_172625_000000422045_00170_20765_8823.N1	18-FEB-2006 17:26:25	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20765	No
240	GOM_NL__2PRFIN20060218_173043_000000462045_00170_20765_8824.N1	18-FEB-2006 17:30:43	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	20765	No
241	GOM_NL__2PRFIN20060218_173254_000000432045_00170_20765_8825.N1	18-FEB-2006 17:32:54	Dark	42.500	29	Bet Car	1.6720	10200.	85	20765	No
242	GOM_NL__2PRFIN20060218_173535_000000352045_00170_20765_8826.N1	18-FEB-2006 17:35:35	Dark	35.000	71	lot Car	2.2460	7700.0	70	20765	No
243	GOM_NL__2PRFIN20060218_173710_000000372045_00170_20765_8827.N1	18-FEB-2006 17:37:10	Straylight	36.500	46	Del Vel	1.9540	10600.	73	20765	No
244	GOM_NL__2PRFIN20060218_173956_000000492045_00170_20765_8828.N1	18-FEB-2006 17:39:56	Straylight	48.500	65	Lam Vel	2.2040	4400.0	97	20765	No
245	GOM_NL__2PRFIN20060218_174555_000000402045_00170_20765_8829.N1	18-FEB-2006 17:45:55	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	20765	No
246	GOM_NL__2PRFIN20060218_175423_000000402045_00170_20765_8830.N1	18-FEB-2006 17:54:23	Bright	40.000	8	10Alp CMi	0.40000	6500.0	80	20765	No
247	GOM_NL__2PRFIN20060218_180036_000000382045_00170_20765_8831.N1	18-FEB-2006 18:00:36	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20765	No
248	GOM_NL__2PRFIN20060218_180146_000000372045_00170_20765_8832.N1	18-FEB-2006 18:01:46	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	20765	No
249	GOM_NL__2PRFIN20060218_181754_000000352045_00170_20765_8833.N1	18-FEB-2006 18:17:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20765	No
250	GOM_NL__2PRFIN20060218_182501_000000352045_00170_20765_8834.N1	18-FEB-2006 18:25:01	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20765	No
251	GOM_NL__2PRFIN20060218_183007_000000332045_00170_20765_8835.N1	18-FEB-2006 18:30:07	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20765	No
252	GOM_NL__2PRFIN20060218_183143_000000332045_00170_20765_8836.N1	18-FEB-2006 18:31:43	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20765	No
253	GOM_NL__2PRFIN20060218_183958_000000352045_00170_20765_8837.N1	18-FEB-2006 18:39:58	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20765	No
254	GOM_NL__2PRFIN20060218_184933_000000392045_00170_20765_8838.N1	18-FEB-2006 18:49:33	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	20765	No
255	GOM_NL__2PRFIN20060218_185114_000000412045_00170_20765_8839.N1	18-FEB-2006 18:51:14	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	20765	No
256	GOM_NL__2PRFIN20060218_185405_000000422045_00170_20765_8840.N1	18-FEB-2006 18:54:05	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20765	No
257	GOM_NL__2PRFIN20060218_185737_000000432045_00170_20765_8841.N1	18-FEB-2006 18:57:37	Dark	43.000	40	The Sco	1.8590	7100.0	86	20765	No
258	GOM_NL__2PRFIN20060218_185920_000000382045_00170_20765_8842.N1	18-FEB-2006 18:59:20	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20765	No
259	GOM_NL__2PRFIN20060218_190044_000000392045_00170_20765_8843.N1	18-FEB-2006 19:00:44	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20765	No
260	GOM_NL__2PRFIN20060218_190441_000000382045_00171_20766_8822.N1	18-FEB-2006 19:04:41	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20766	No
261	GOM_NL__2PRFIN20060218_190702_000000432045_00171_20766_8823.N1	18-FEB-2006 19:07:02	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	20766	No
262	GOM_NL__2PRFIN20060218_191119_000000402045_00171_20766_8824.N1	18-FEB-2006 19:11:19	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	20766	No
263	GOM_NL__2PRFIN20060218_191330_000000372045_00171_20766_8825.N1	18-FEB-2006 19:13:30	Dark	37.000	29	Bet Car	1.6720	10200.	74	20766	No
264	GOM_NL__2PRFIN20060218_191611_000000382045_00171_20766_8826.N1	18-FEB-2006 19:16:11	Dark	38.000	71	lot Car	2.2460	7700.0	76	20766	No
265	GOM_NL__2PRFIN20060218_191747_000000422045_00171_20766_8827.N1	18-FEB-2006 19:17:47	Straylight	41.500	46	Del Vel	1.9540	10600.	83	20766	No
266	GOM_NL__2PRFIN20060218_192032_000000482045_00171_20766_8828.N1	18-FEB-2006 19:20:32	Straylight	48.000	65	Lam Vel	2.2040	4400.0	96	20766	No
267	GOM_NL__2PRFIN20060218_192631_000000392045_00171_20766_8829.N1	18-FEB-2006 19:26:31	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20766	No
268	GOM_NL__2PRFIN20060218_193459_000000412045_00171_20766_8830.N1	18-FEB-2006 19:34:59	Bright	41.000	8	10Alp CMi	0.40000	6500.0	82	20766	No
269	GOM_NL__2PRFIN20060218_194112_000000372045_00171_20766_8831.N1	18-FEB-2006 19:41:12	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	20766	No
270	GOM_NL__2PRFIN20060218_194222_000000352045_00171_20766_8832.N1	18-FEB-2006 19:42:22	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	20766	No
271	GOM_NL__2PRFIN20060218_195830_000000362045_00171_20766_8833.N1	18-FEB-2006 19:58:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20766	No
272	GOM_NL__2PRFIN20060218_200537_000000362045_00171_20766_8834.N1	18-FEB-2006 20:05:37	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20766	No
273	GOM_NL__2PRFIN20060218_201043_000000342045_00171_20766_8835.N1	18-FEB-2006 20:10:43	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20766	No
274	GOM_NL__2PRFIN20060218_201219_000000362045_00171_20766_8836.N1	18-FEB-2006 20:12:19	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	20766	No
275	GOM_NL__2PRFIN20060218_202034_000000362045_00171_20766_8837.N1	18-FEB-2006 20:20:34	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	20766	No
276	GOM_NL__2PRFIN20060218_203009_000000412045_00171_20766_8838.N1	18-FEB-2006 20:30:09	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	20766	No
277	GOM_NL__2PRFIN20060218_203151_000000402045_00171_20766_8839.N1	18-FEB-2006 20:31:51	Dark	39.500	57	34Sig Sgr	2.0660	26000.	79	20766	No
278	GOM_NL__2PRFIN20060218_203442_000000422045_00171_20766_8840.N1	18-FEB-2006 20:34:42	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20766	No

279	GOM_NL__2PRFIN20060218_203813_000000512045_00171_20766_8841.N1	18-FEB-2006 20:38:13	Dark	51.000	40	The Sco	1.8590	7100.0	102	20766	No
280	GOM_NL__2PRFIN20060218_203956_000000382045_00171_20766_8842.N1	18-FEB-2006 20:39:56	Dark	37.500	147	Alp Ara	2.8770	26000.	75	20766	No
281	GOM_NL__2PRFIN20060218_204120_000000392045_00171_20766_8843.N1	18-FEB-2006 20:41:20	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20766	No
282	GOM_NL__2PRFIN20060218_204518_000000392045_00172_20767_8822.N1	18-FEB-2006 20:45:18	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	20767	No
283	GOM_NL__2PRFIN20060218_204738_000000432045_00172_20767_8823.N1	18-FEB-2006 20:47:38	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20767	No
284	GOM_NL__2PRFIN20060218_205156_000000412045_00172_20767_8824.N1	18-FEB-2006 20:51:56	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	20767	No
285	GOM_NL__2PRFIN20060218_205406_000000372045_00172_20767_8825.N1	18-FEB-2006 20:54:06	Dark	36.500	29	Bet Car	1.6720	10200.	73	20767	No
286	GOM_NL__2PRFIN20060218_205647_000000362045_00172_20767_8826.N1	18-FEB-2006 20:56:47	Dark	35.500	71	lot Car	2.2460	7700.0	71	20767	No
287	GOM_NL__2PRFIN20060218_205823_000000362045_00172_20767_8827.N1	18-FEB-2006 20:58:23	Straylight	36.000	46	Del Vel	1.9540	10600.	72	20767	No
288	GOM_NL__2PRFIN20060218_210109_000000432045_00172_20767_8828.N1	18-FEB-2006 21:01:09	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	20767	No
289	GOM_NL__2PRFIN20060218_210707_000000372045_00172_20767_8829.N1	18-FEB-2006 21:07:07	Straylight	37.000	132	15Rho Pup	2.8030	6900.0	74	20767	No
290	GOM_NL__2PRFIN20060218_211535_000000412045_00172_20767_8830.N1	18-FEB-2006 21:15:35	Bright	41.000	8	10Alp CMi	0.40000	6500.0	82	20767	No
291	GOM_NL__2PRFIN20060218_212148_000000352045_00172_20767_8831.N1	18-FEB-2006 21:21:48	Bright	35.000	17	78Bet Gem	1.1610	4500.0	70	20767	No
292	GOM_NL__2PRFIN20060218_212258_000000352045_00172_20767_8832.N1	18-FEB-2006 21:22:58	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	20767	No
293	GOM_NL__2PRFIN20060218_213906_000000362045_00172_20767_8833.N1	18-FEB-2006 21:39:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20767	No
294	GOM_NL__2PRFIN20060218_214613_000000362045_00172_20767_8834.N1	18-FEB-2006 21:46:13	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20767	No
295	GOM_NL__2PRFIN20060218_215120_000000342045_00172_20767_8835.N1	18-FEB-2006 21:51:20	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20767	No
296	GOM_NL__2PRFIN20060218_215255_000000342045_00172_20767_8836.N1	18-FEB-2006 21:52:55	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	20767	No
297	GOM_NL__2PRFIN20060218_220110_000000352045_00172_20767_8837.N1	18-FEB-2006 22:01:10	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20767	No
298	GOM_NL__2PRFIN20060218_221045_000000412045_00172_20767_8838.N1	18-FEB-2006 22:10:45	Twilight	41.000	155	41Pi Sgr	2.9000	6600.0	82	20767	No
299	GOM_NL__2PRFIN20060218_221227_000000422045_00172_20767_8839.N1	18-FEB-2006 22:12:27	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	20767	No
300	GOM_NL__2PRFIN20060218_221518_000000422045_00172_20767_8840.N1	18-FEB-2006 22:15:18	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20767	No
301	GOM_NL__2PRFIN20060218_221850_000000492045_00172_20767_8841.N1	18-FEB-2006 22:18:50	Dark	49.000	40	The Sco	1.8590	7100.0	98	20767	No
302	GOM_NL__2PRFIN20060218_222032_000000382045_00172_20767_8842.N1	18-FEB-2006 22:20:32	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20767	No
303	GOM_NL__2PRFIN20060218_222157_000000382045_00172_20767_8843.N1	18-FEB-2006 22:21:57	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	20767	No
304	GOM_NL__2PRFIN20060218_222554_000000382045_00173_20768_8822.N1	18-FEB-2006 22:25:54	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	20768	No
305	GOM_NL__2PRFIN20060218_222815_000000422045_00173_20768_8823.N1	18-FEB-2006 22:28:15	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20768	No
306	GOM_NL__2PRFIN20060218_223232_000000402045_00173_20768_8824.N1	18-FEB-2006 22:32:32	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20768	No
307	GOM_NL__2PRFIN20060218_223442_000000372045_00173_20768_8825.N1	18-FEB-2006 22:34:42	Dark	36.500	29	Bet Car	1.6720	10200.	73	20768	No
308	GOM_NL__2PRFIN20060218_223723_000000422045_00173_20768_8826.N1	18-FEB-2006 22:37:23	Dark	41.500	71	lot Car	2.2460	7700.0	83	20768	No
309	GOM_NL__2PRFIN20060218_223859_000000382045_00173_20768_8827.N1	18-FEB-2006 22:38:59	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20768	No
310	GOM_NL__2PRFIN20060218_224145_000000452045_00173_20768_8828.N1	18-FEB-2006 22:41:45	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	20768	No
311	GOM_NL__2PRFIN20060218_224743_000000392045_00173_20768_8829.N1	18-FEB-2006 22:47:43	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20768	No
312	GOM_NL__2PRFIN20060218_225611_000000382045_00173_20768_8830.N1	18-FEB-2006 22:56:11	Bright	37.500	8	10Alp CMi	0.40000	6500.0	75	20768	No
313	GOM_NL__2PRFIN20060218_230224_000000382045_00173_20768_8831.N1	18-FEB-2006 23:02:24	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	20768	No
314	GOM_NL__2PRFIN20060218_230334_000000362045_00173_20768_8832.N1	18-FEB-2006 23:03:34	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	20768	No
315	GOM_NL__2PRFIN20060218_231942_000000352045_00173_20768_8833.N1	18-FEB-2006 23:19:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20768	No
316	GOM_NL__2PRFIN20060218_232649_000000362045_00173_20768_8834.N1	18-FEB-2006 23:26:49	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20768	No
317	GOM_NL__2PRFIN20060218_233156_000000332045_00173_20768_8835.N1	18-FEB-2006 23:31:56	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20768	No
318	GOM_NL__2PRFIN20060218_233331_000000362045_00173_20768_8836.N1	18-FEB-2006 23:33:31	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	20768	No
319	GOM_NL__2PRFIN20060218_234146_000000352045_00173_20768_8837.N1	18-FEB-2006 23:41:46	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20768	No
320	GOM_NL__2PRFIN20060218_235122_000000422045_00173_20768_8838.N1	18-FEB-2006 23:51:22	Twilight	42.000	155	41Pi Sgr	2.9000	6600.0	84	20768	No
321	GOM_NL__2PRFIN20060218_235303_000000412045_00173_20768_8839.N1	18-FEB-2006 23:53:03	Dark	41.000	57	34Sig Sgr	2.0660	26000.	82	20768	No
322	GOM_NL__2PRFIN20060218_235554_000000412045_00173_20768_8840.N1	18-FEB-2006 23:55:54	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20768	No
323	GOM_NL__2PRFIN20060218_235926_000000412045_00173_20768_8841.N1	18-FEB-2006 23:59:26	Dark	40.500	40	The Sco	1.8590	7100.0	81	20768	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.

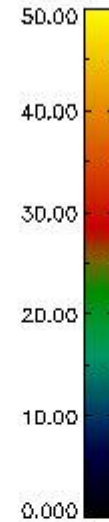
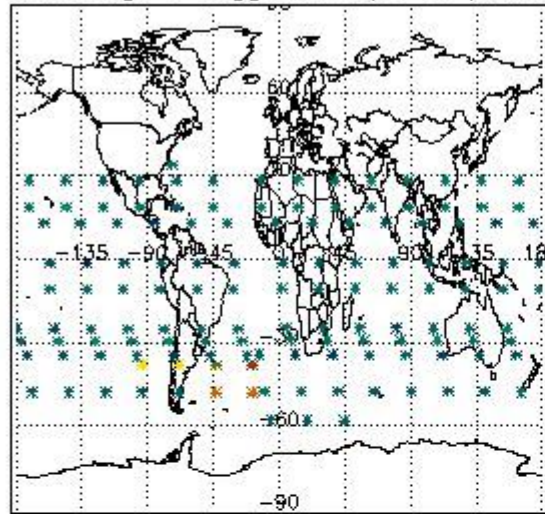
#### 3.1 Plot quality information per product (time dependant)



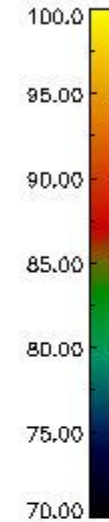
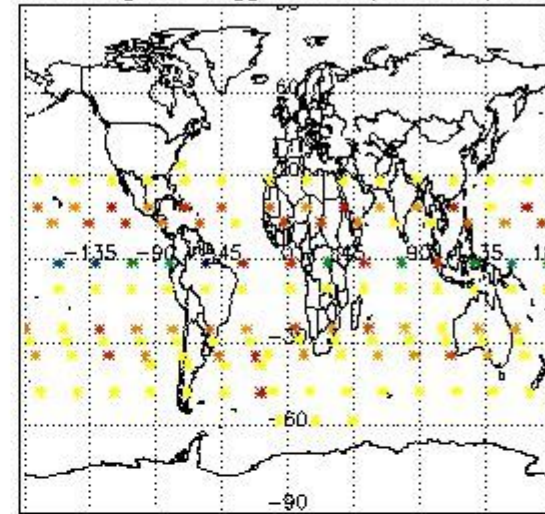
3.2 Plot quality information per product (world map)



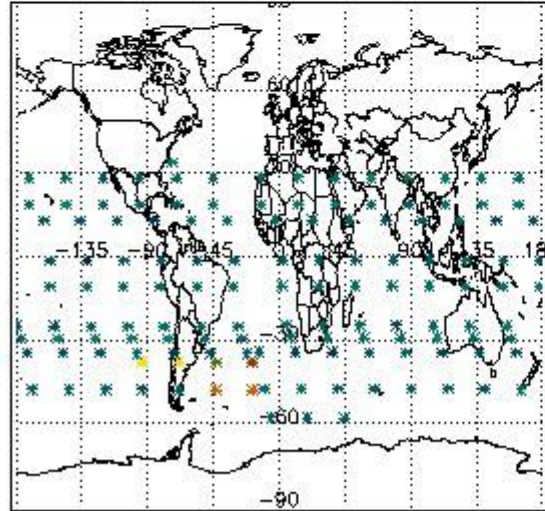
Percentage of flagged data per O3 profile



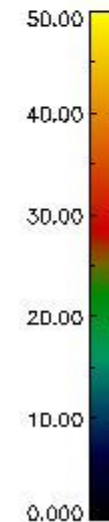
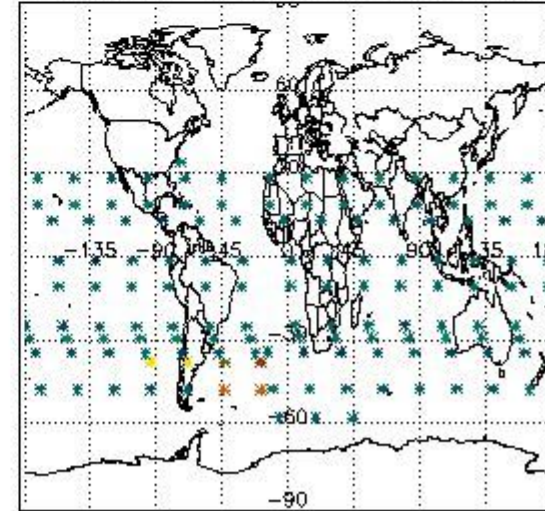
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

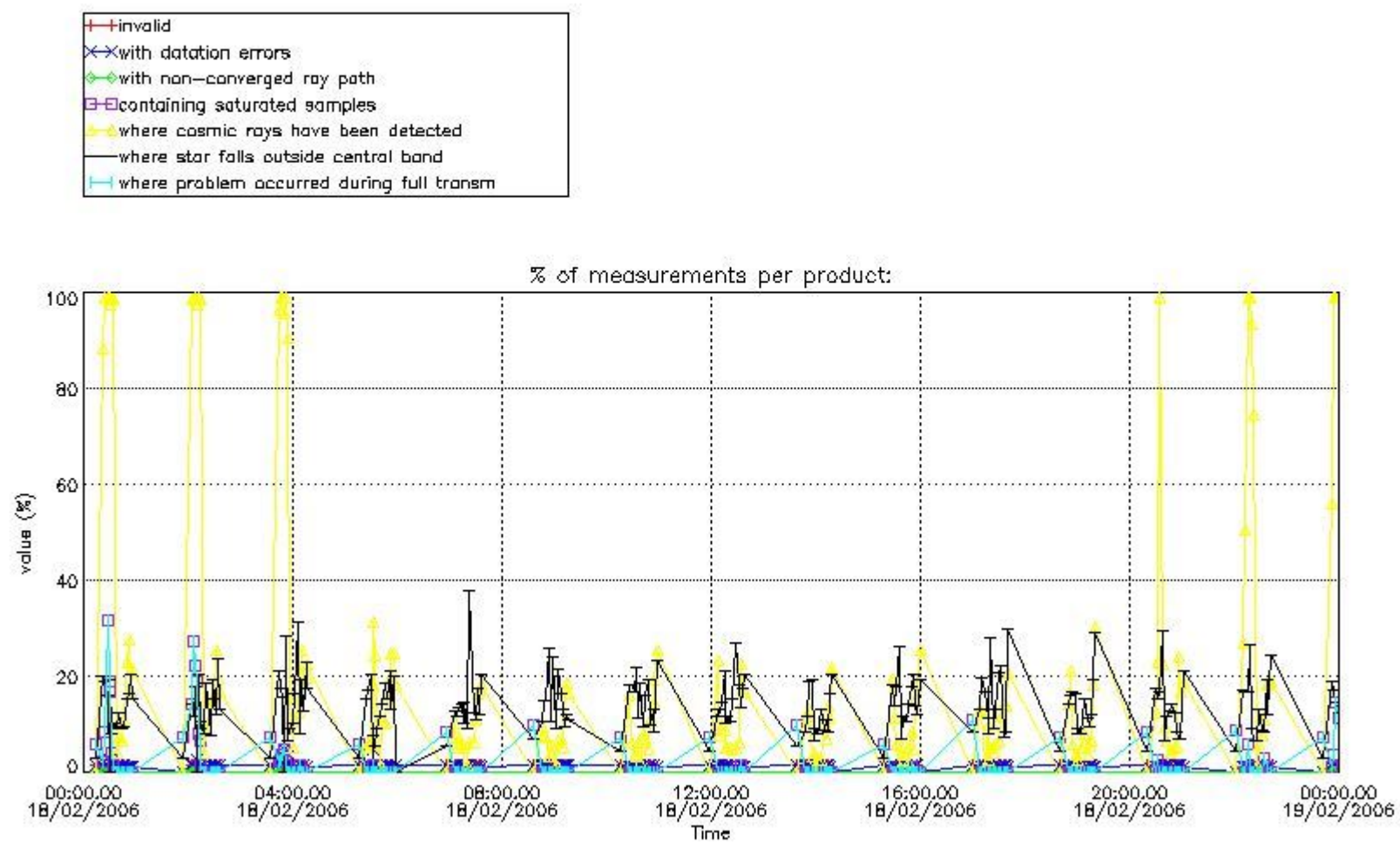


#### 4. Level 1 quality information per product

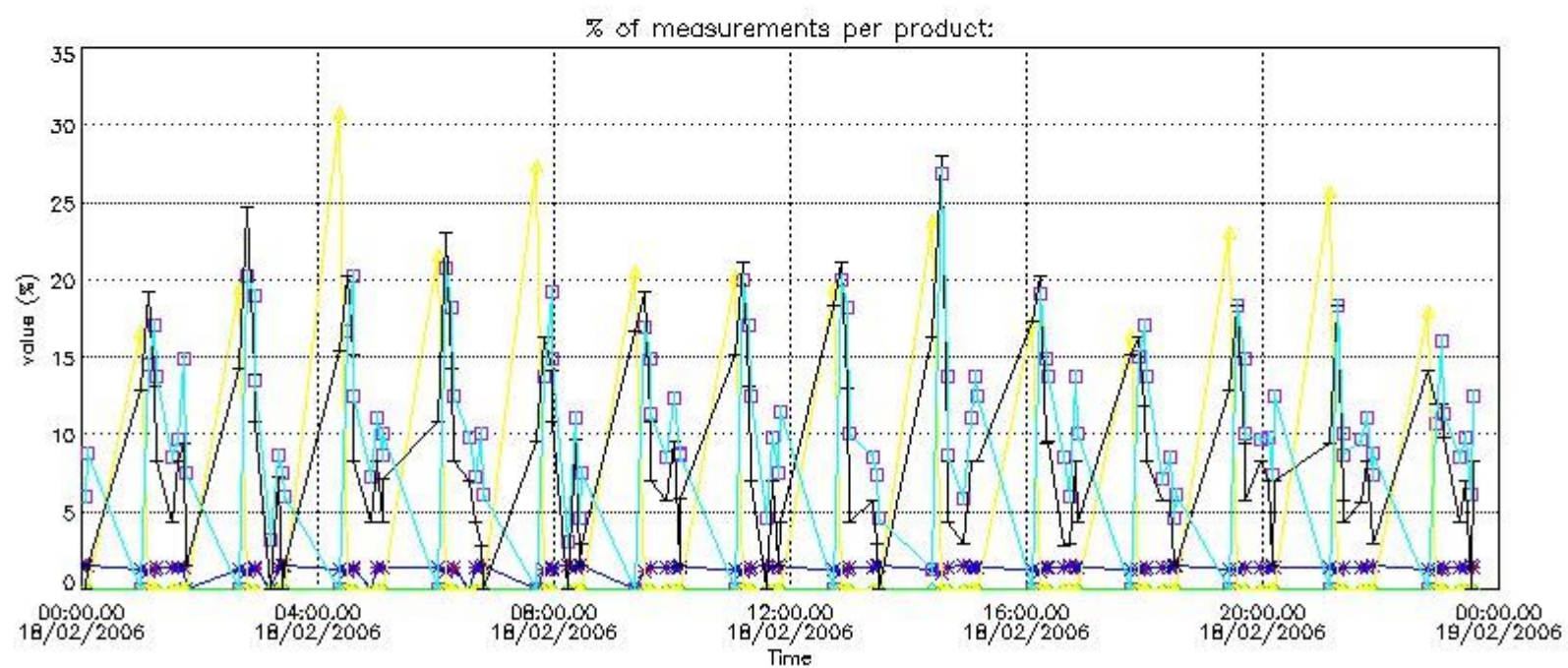
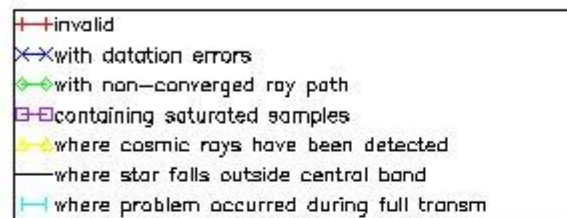
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



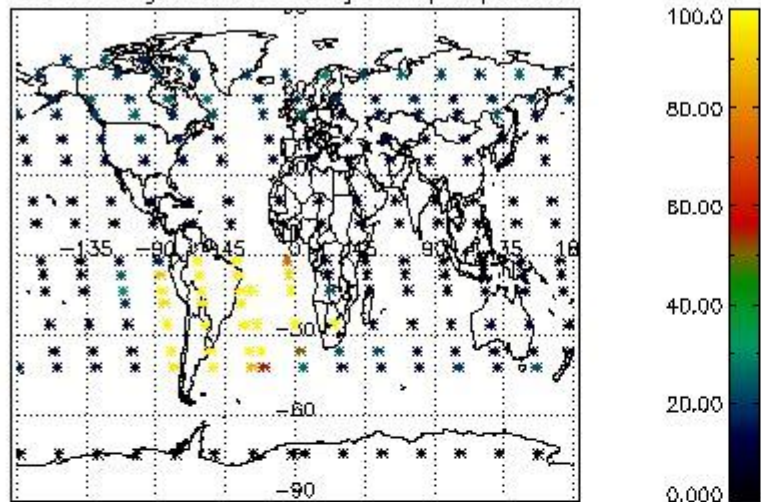
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



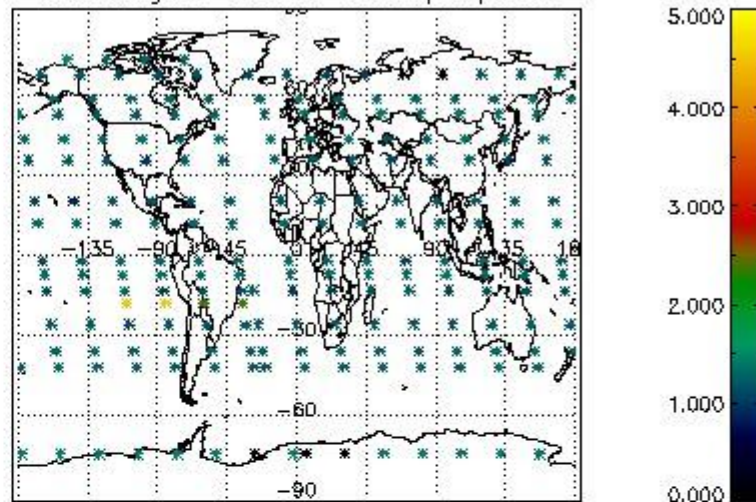
4.2 Plot quality information per product coming from level 1b processing (world map)

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

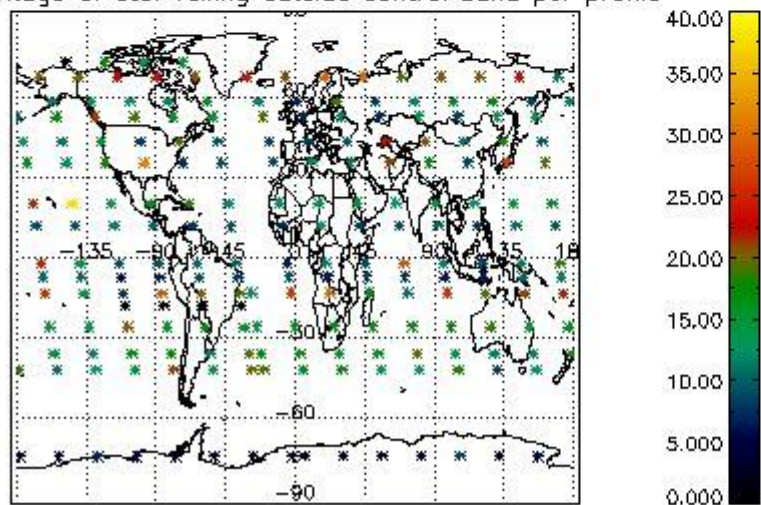
Percentage of cosmic ray hits per profile



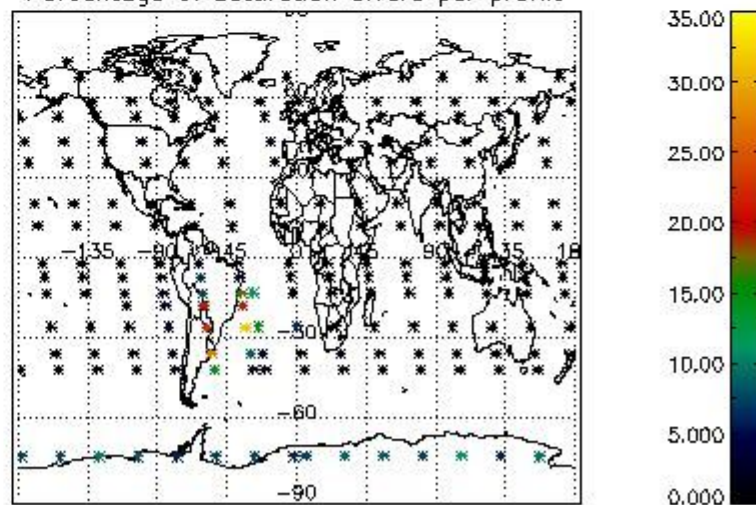
Percentage of datation errors per profile



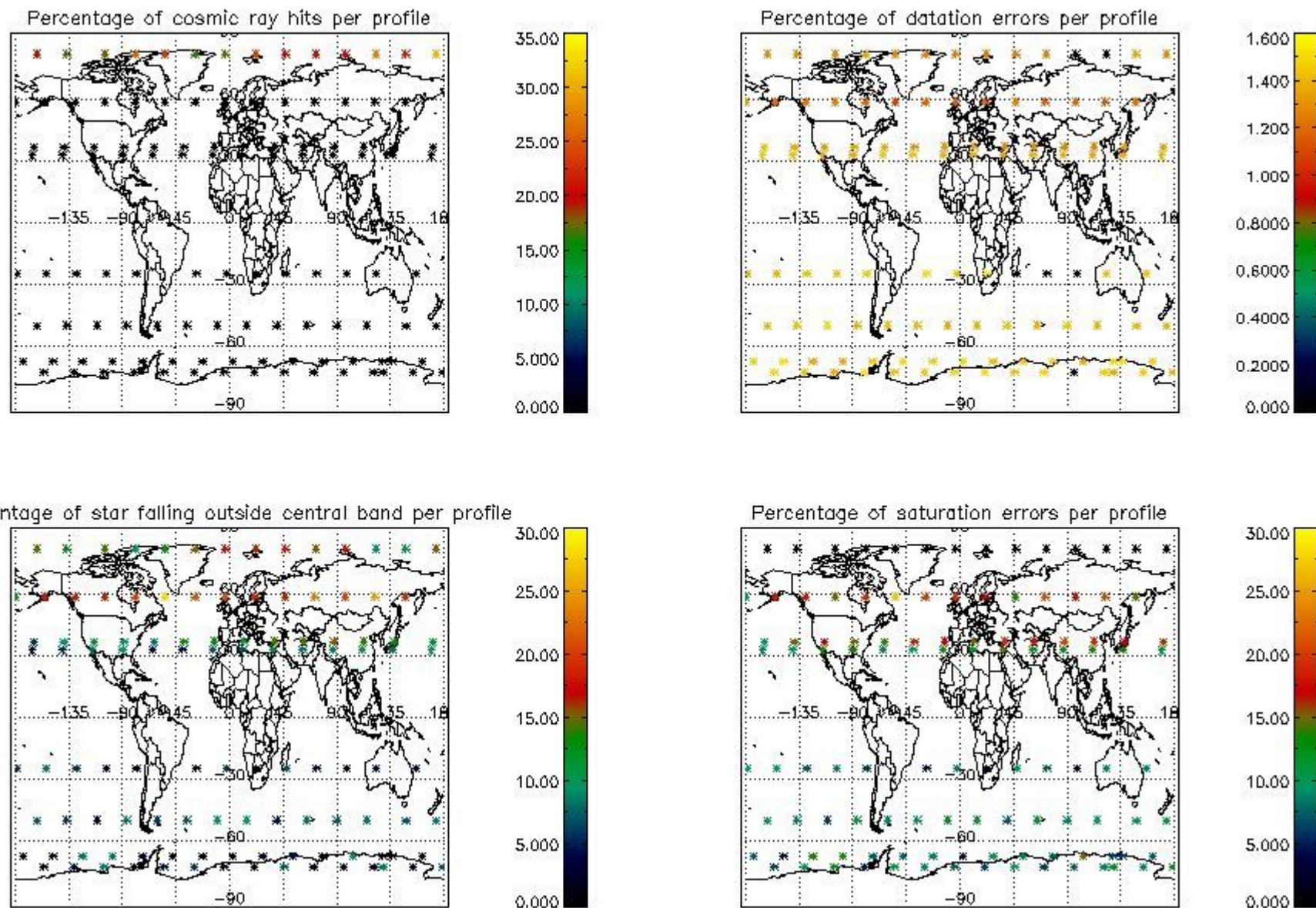
Percentage of star falling outside central band per profile



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

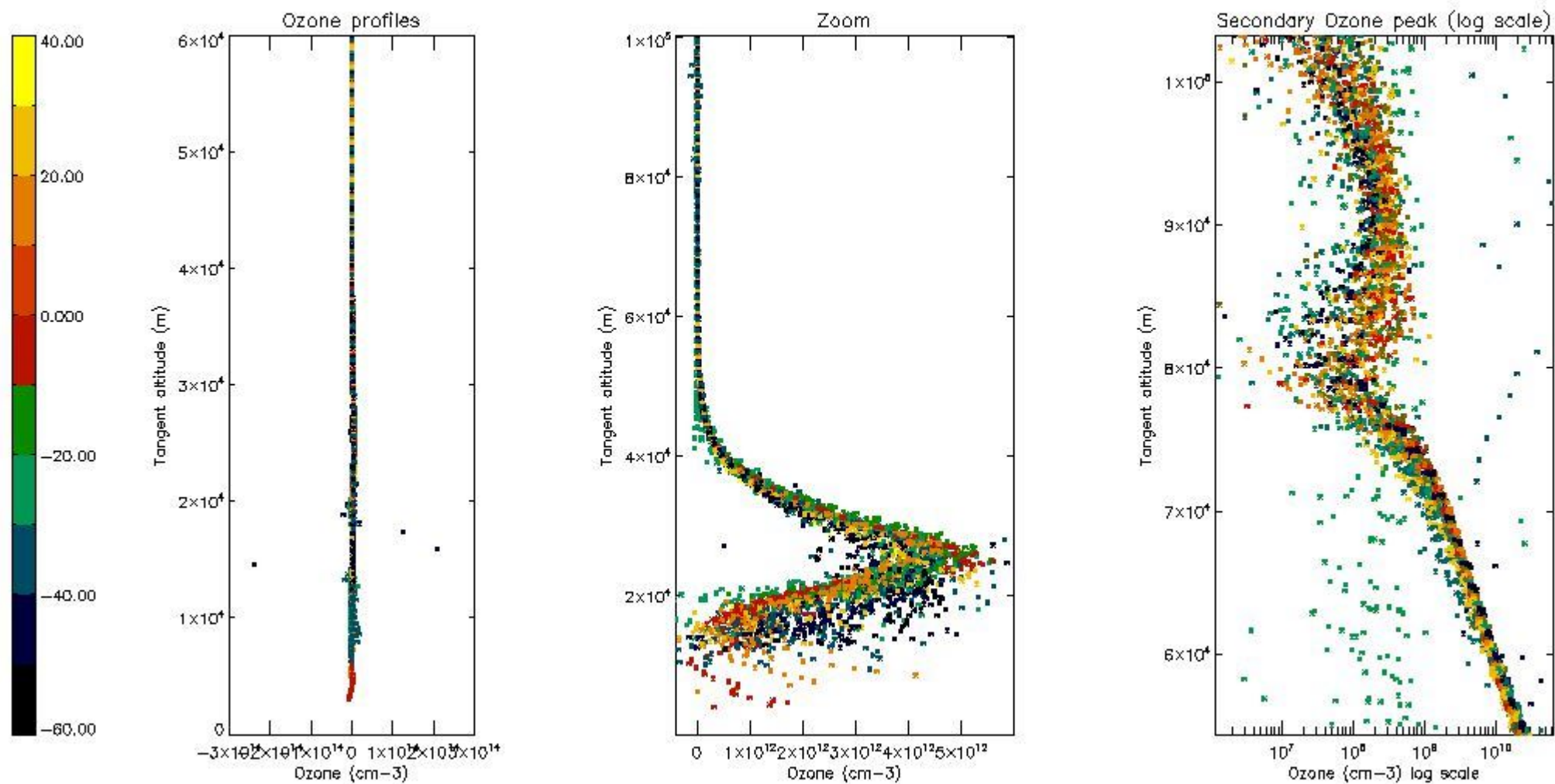
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	25

STD < 10	19
STD < 5	12

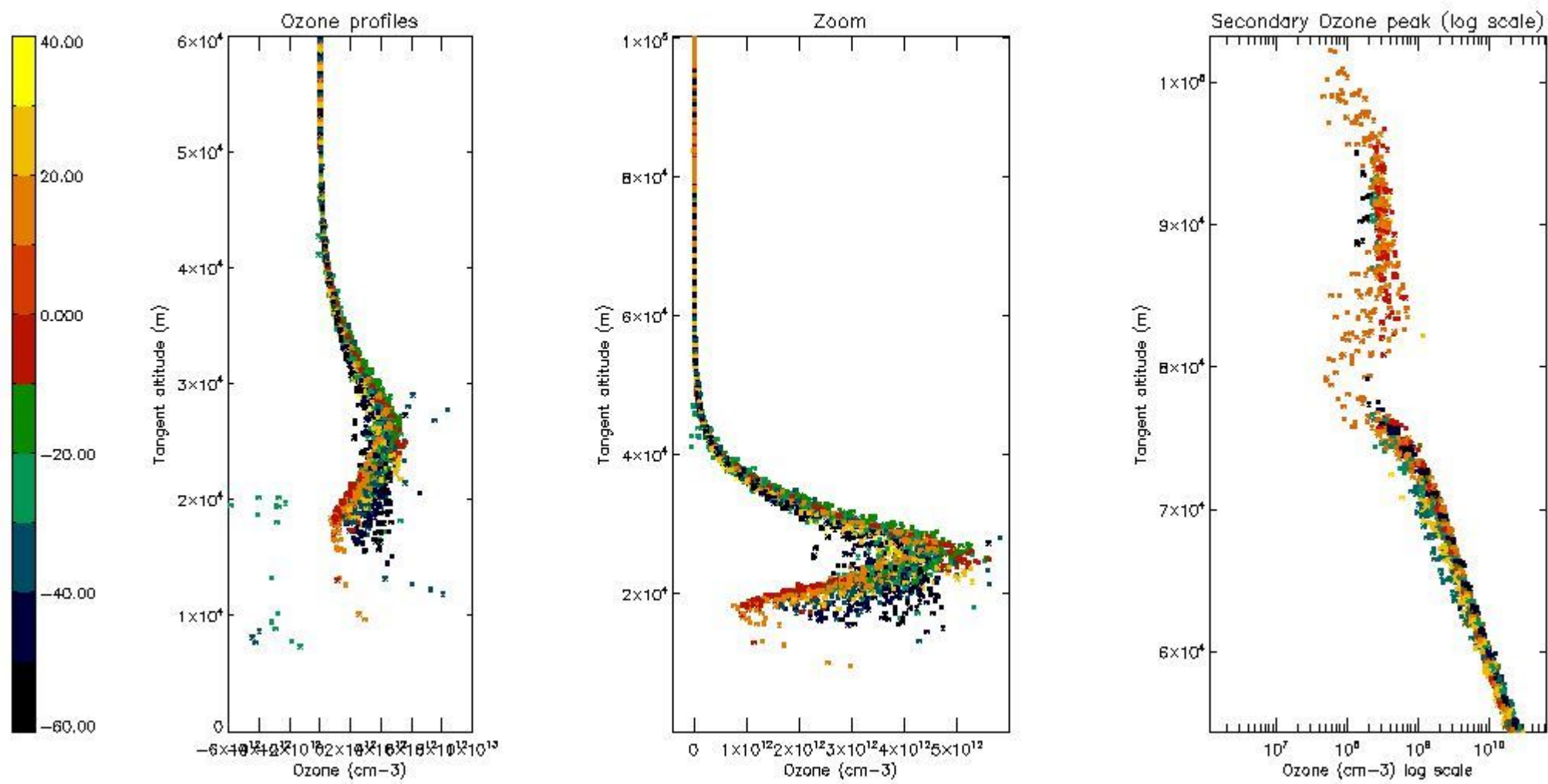
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



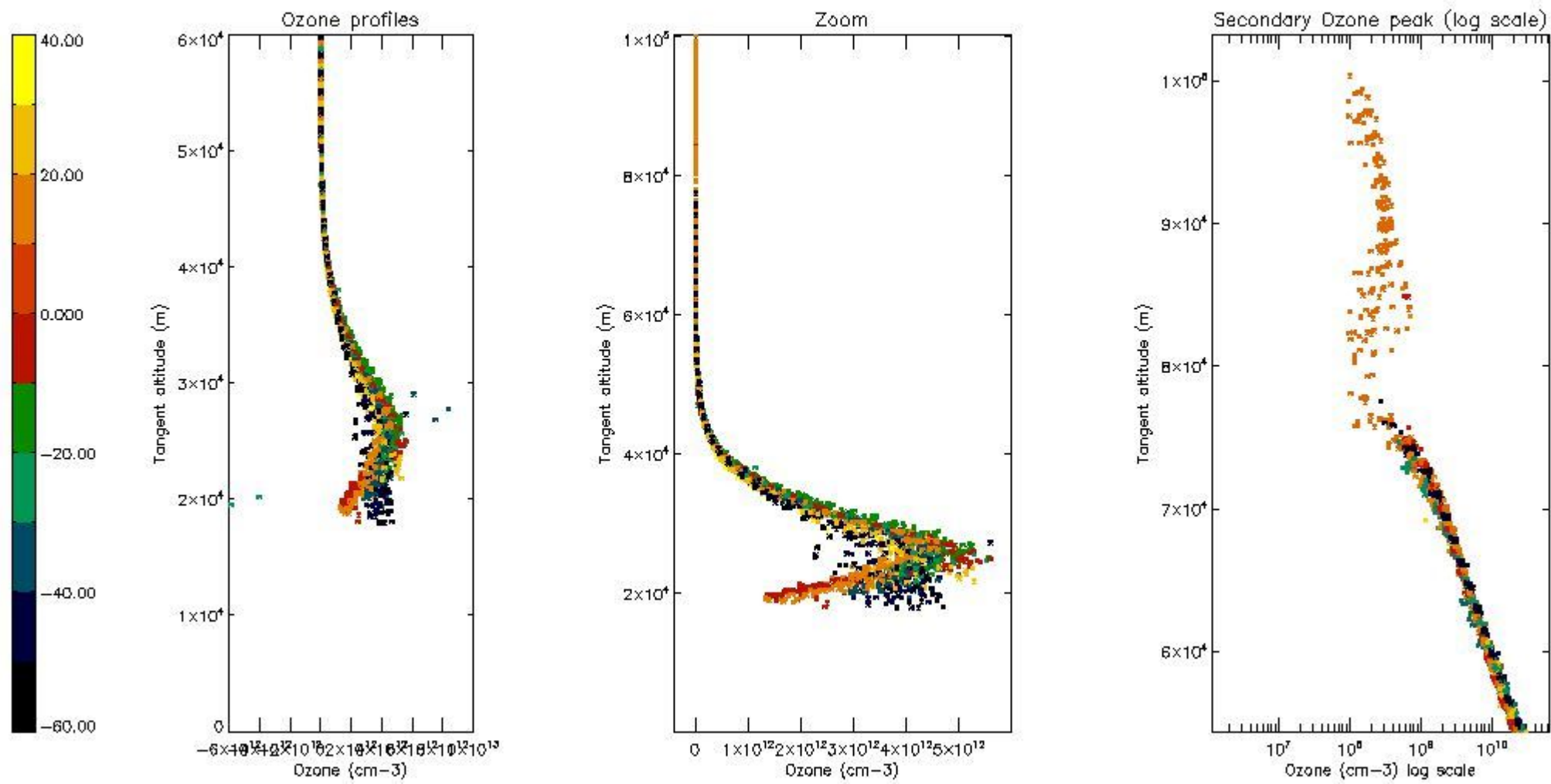
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

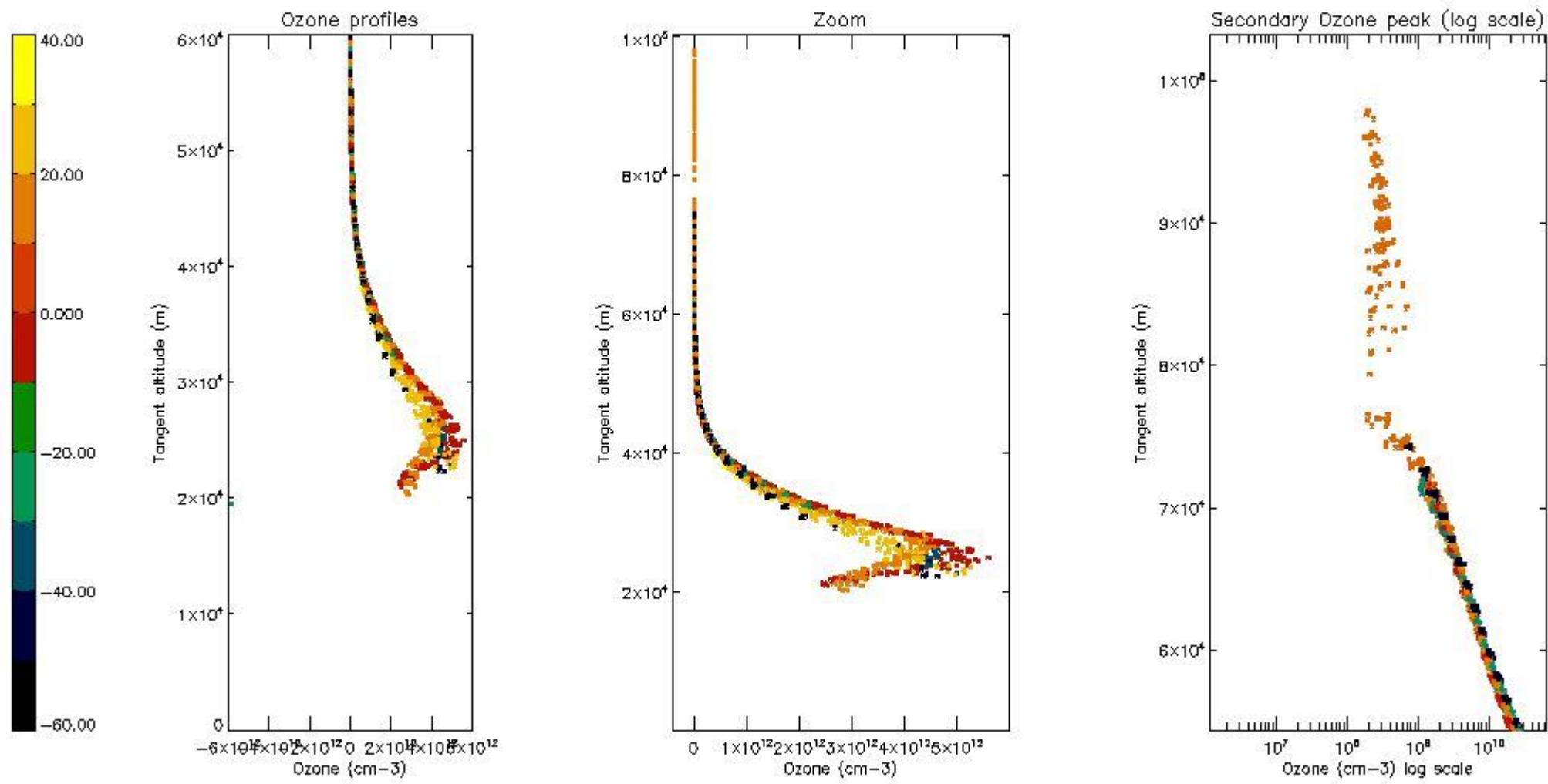
The colorbar represents the latitude.



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

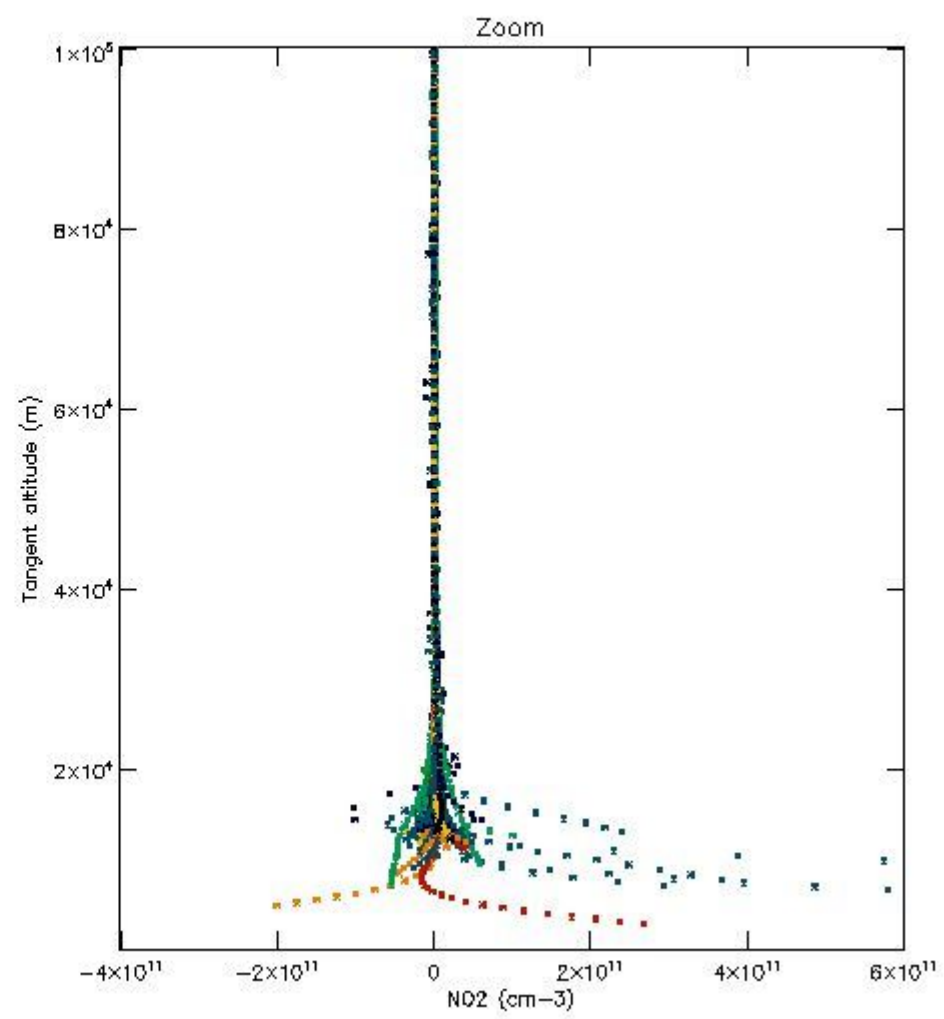
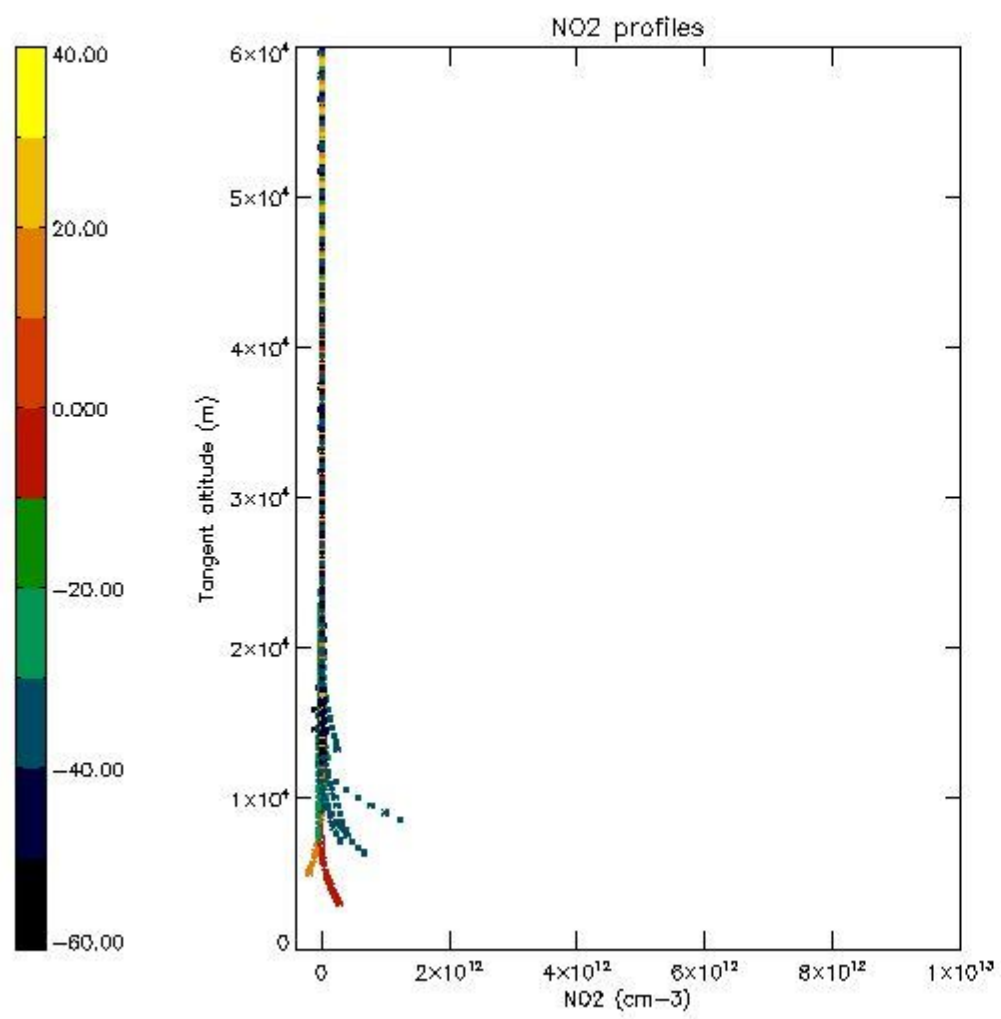
The colorbar represents the latitude.





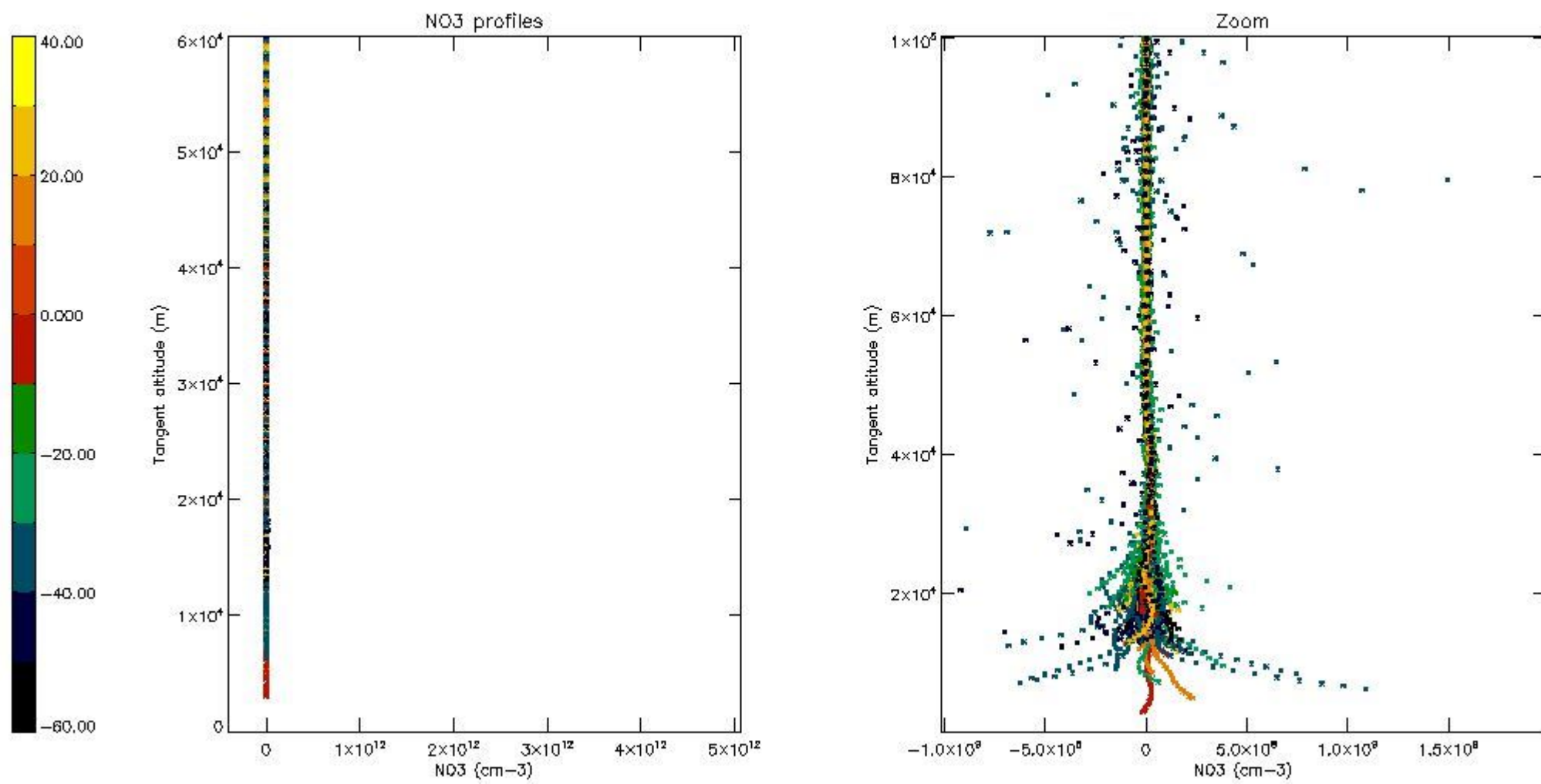
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



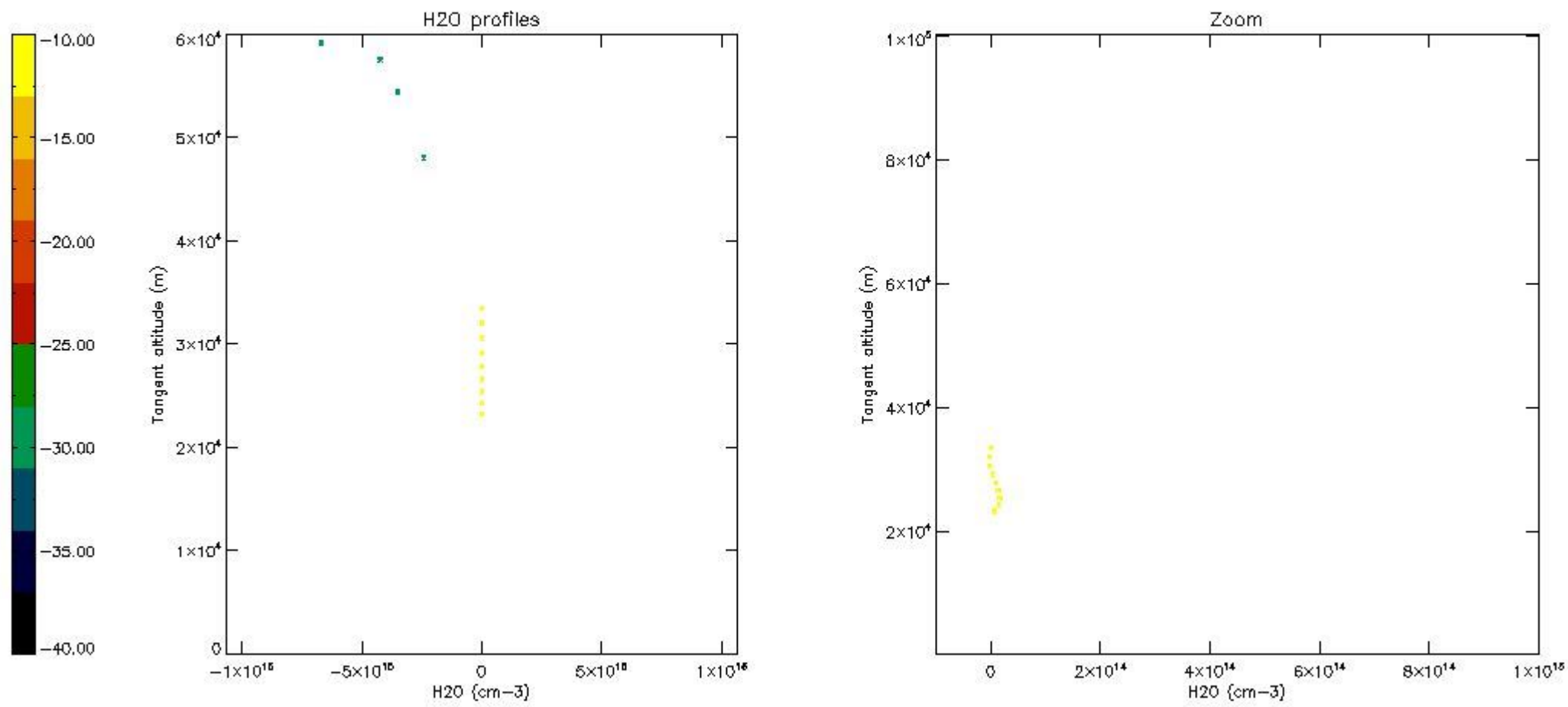
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-FEB-2006 00:03:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-FEB-2006 00:03:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-FEB-2006 00:03:30

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 15:53:17
Data source version	GOMOS/6.01
Start time of products	18-02-2006 (18FEB2006 00:00:00)
Stop time of products	19-02-2006 (19FEB2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	323
Nb of prods with errors	1

## 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__2PRFIN20060218_000330_000000342045_00159_20754_8812.N1	18-FEB-2006 00:03:30	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20754	No
2	GOM_NL__2PRFIN20060218_000506_000000342045_00159_20754_8813.N1	18-FEB-2006 00:05:06	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	20754	No
3	GOM_NL__2PRFIN20060218_001320_000000352045_00159_20754_8814.N1	18-FEB-2006 00:13:20	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20754	No
4	GOM_NL__2PRFIN20060218_002254_000000432045_00159_20754_8815.N1	18-FEB-2006 00:22:54	Twilight	42.500	155	41Pi Sgr	2.9000	6600.0	85	20754	No
5	GOM_NL__2PRFIN20060218_002435_000000422045_00159_20754_8816.N1	18-FEB-2006 00:24:35	Twilight	42.000	57	34Sig Sgr	2.0660	26000.	84	20754	No
6	GOM_NL__2PRFIN20060218_002725_000000412045_00159_20754_8817.N1	18-FEB-2006 00:27:25	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20754	No
7	GOM_NL__2PRFIN20060218_002941_000000212045_00159_20754_8818.N1	18-FEB-2006 00:29:41	Dark	21.000	25	35Lam Sco	1.6200	28000.	42	20754	No
8	GOM_NL__2PRFIN20060218_003055_000000452045_00159_20754_8819.N1	18-FEB-2006 00:30:55	Dark	44.500	40	The Sco	1.8590	7100.0	89	20754	No
9	GOM_NL__2PRFIN20060218_003239_000000382045_00159_20754_8820.N1	18-FEB-2006 00:32:39	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20754	No
10	GOM_NL__2PRFIN20060218_003404_000000392045_00159_20754_8821.N1	18-FEB-2006 00:34:04	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20754	No
11	GOM_NL__2PRFIN20060218_003800_000000392045_00160_20755_8798.N1	18-FEB-2006 00:38:00	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20755	No
12	GOM_NL__2PRFIN20060218_004020_000000412045_00160_20755_8799.N1	18-FEB-2006 00:40:20	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	20755	No
13	GOM_NL__2PRFIN20060218_004439_000000392045_00160_20755_8800.N1	18-FEB-2006 00:44:39	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	20755	No
14	GOM_NL__2PRFIN20060218_004653_000000372045_00160_20755_8801.N1	18-FEB-2006 00:46:53	Dark	37.000	29	Bet Car	1.6720	10200.	74	20755	No
15	GOM_NL__2PRFIN20060218_004933_000000402045_00160_20755_8802.N1	18-FEB-2006 00:49:33	Dark	39.500	71	lot Car	2.2460	7700.0	79	20755	No
16	GOM_NL__2PRFIN20060218_005109_000000402045_00160_20755_8803.N1	18-FEB-2006 00:51:09	Straylight	40.000	46	Del Vel	1.9540	10600.	80	20755	No
17	GOM_NL__2PRFIN20060218_005354_000000422045_00160_20755_8804.N1	18-FEB-2006 00:53:54	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	20755	No
18	GOM_NL__2PRFIN20060218_005536_000000402045_00160_20755_8805.N1	18-FEB-2006 00:55:36	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	20755	No
19	GOM_NL__2PRFIN20060218_005954_000000392045_00160_20755_8806.N1	18-FEB-2006 00:59:54	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20755	No
20	GOM_NL__2PRFIN20060218_010821_000000422045_00160_20755_8807.N1	18-FEB-2006 01:08:21	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	20755	No
21	GOM_NL__2PRFIN20060218_011435_000000382045_00160_20755_8808.N1	18-FEB-2006 01:14:35	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20755	No
22	GOM_NL__2PRFIN20060218_011544_000000372045_00160_20755_8809.N1	18-FEB-2006 01:15:44	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	20755	No
23	GOM_NL__2PRFIN20060218_013154_000000352045_00160_20755_8810.N1	18-FEB-2006 01:31:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20755	No
24	GOM_NL__2PRFIN20060218_013859_000000362045_00160_20755_8811.N1	18-FEB-2006 01:38:59	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20755	No
25	GOM_NL__2PRFIN20060218_014406_000000372045_00160_20755_8812.N1	18-FEB-2006 01:44:06	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	20755	No
26	GOM_NL__2PRFIN20060218_014542_000000342045_00160_20755_8813.N1	18-FEB-2006 01:45:42	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20755	No
27	GOM_NL__2PRFIN20060218_015356_000000352045_00160_20755_8814.N1	18-FEB-2006 01:53:56	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20755	No
28	GOM_NL__2PRFIN20060218_020331_000000392045_00160_20755_8815.N1	18-FEB-2006 02:03:31	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	20755	No
29	GOM_NL__2PRFIN20060218_020511_000000392045_00160_20755_8816.N1	18-FEB-2006 02:05:11	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20755	No
30	GOM_NL__2PRFIN20060218_020801_000000432045_00160_20755_8817.N1	18-FEB-2006 02:08:01	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	20755	No
31	GOM_NL__2PRFIN20060218_021018_000000212045_00160_20755_8818.N1	18-FEB-2006 02:10:18	Dark	21.000	25	35Lam Sco	1.6200	28000.	42	20755	No
32	GOM_NL__2PRFIN20060218_021132_000000452045_00160_20755_8819.N1	18-FEB-2006 02:11:32	Dark	44.500	40	The Sco	1.8590	7100.0	89	20755	No
33	GOM_NL__2PRFIN20060218_021315_000000392045_00160_20755_8820.N1	18-FEB-2006 02:13:15	Dark	38.500	147	Alp Ara	2.8770	26000.	77	20755	No
34	GOM_NL__2PRFIN20060218_021440_000000392045_00160_20755_8821.N1	18-FEB-2006 02:14:40	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20755	No
35	GOM_NL__2PRFIN20060218_021837_000000382045_00161_20756_8802.N1	18-FEB-2006 02:18:37	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20756	No
36	GOM_NL__2PRFIN20060218_022056_000000462045_00161_20756_8803.N1	18-FEB-2006 02:20:56	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	20756	No
37	GOM_NL__2PRFIN20060218_022515_000000392045_00161_20756_8804.N1	18-FEB-2006 02:25:15	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	20756	No
38	GOM_NL__2PRFIN20060218_022729_000000422045_00161_20756_8805.N1	18-FEB-2006 02:27:29	Dark	41.500	29	Bet Car	1.6720	10200.	83	20756	No
39	GOM_NL__2PRFIN20060218_023009_000000402045_00161_20756_8806.N1	18-FEB-2006 02:30:09	Dark	39.500	71	lot Car	2.2460	7700.0	79	20756	No
40	GOM_NL__2PRFIN20060218_023145_000000382045_00161_20756_8807.N1	18-FEB-2006 02:31:45	Dark	37.500	46	Del Vel	1.9540	10600.	75	20756	No
41	GOM_NL__2PRFIN20060218_023431_000000452045_00161_20756_8808.N1	18-FEB-2006 02:34:31	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	20756	No
42	GOM_NL__2PRFIN20060218_023612_000000392045_00161_20756_8809.N1	18-FEB-2006 02:36:12	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	20756	No

43	GOM_NL__2PRFIN20060218_024030_000000392045_00161_20756_8810.N1	18-FEB-2006 02:40:30	Straylight	38.500	132	15Rho Pup	2.8030	6900.0	77	20756	No
44	GOM_NL__2PRFIN20060218_024858_000000452045_00161_20756_8811.N1	18-FEB-2006 02:48:58	Bright	44.500	8	10Alp CMi	0.40000	6500.0	89	20756	No
45	GOM_NL__2PRFIN20060218_025511_000000402045_00161_20756_8812.N1	18-FEB-2006 02:55:11	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	20756	No
46	GOM_NL__2PRFIN20060218_025620_000000372045_00161_20756_8813.N1	18-FEB-2006 02:56:20	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	20756	No
47	GOM_NL__2PRFIN20060218_031230_000000322045_00161_20756_8814.N1	18-FEB-2006 03:12:30	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	20756	No
48	GOM_NL__2PRFIN20060218_031936_000000352045_00161_20756_8815.N1	18-FEB-2006 03:19:36	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20756	No
49	GOM_NL__2PRFIN20060218_032442_000000342045_00161_20756_8816.N1	18-FEB-2006 03:24:42	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20756	No
50	GOM_NL__2PRFIN20060218_032618_000000342045_00161_20756_8817.N1	18-FEB-2006 03:26:18	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20756	No
51	GOM_NL__2PRFIN20060218_033432_000000352045_00161_20756_8818.N1	18-FEB-2006 03:34:32	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20756	No
52	GOM_NL__2PRFIN20060218_034407_000000432045_00161_20756_8819.N1	18-FEB-2006 03:44:07	Twilight	42.500	155	41Pi Sgr	2.9000	6600.0	85	20756	No
53	GOM_NL__2PRFIN20060218_034548_000000412045_00161_20756_8820.N1	18-FEB-2006 03:45:48	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	20756	No
54	GOM_NL__2PRFIN20060218_034838_000000422045_00161_20756_8821.N1	18-FEB-2006 03:48:38	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20756	No
55	GOM_NL__2PRFIN20060218_035054_000000112045_00161_20756_8822.N1	18-FEB-2006 03:50:54	Dark	11.000	25	35Lam Sco	1.6200	28000.	22	20756	No
56	GOM_NL__2PRFIN20060218_035208_000000502045_00161_20756_8823.N1	18-FEB-2006 03:52:08	Dark	49.500	40	The Sco	1.8590	7100.0	99	20756	No
57	GOM_NL__2PRFIN20060218_035352_000000382045_00161_20756_8824.N1	18-FEB-2006 03:53:52	Dark	37.500	147	Alp Ara	2.8770	26000.	75	20756	No
58	GOM_NL__2PRFIN20060218_035517_000000382045_00161_20756_8825.N1	18-FEB-2006 03:55:17	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	20756	No
59	GOM_NL__2PRFIN20060218_035913_000000392045_00162_20757_8802.N1	18-FEB-2006 03:59:13	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	20757	No
60	GOM_NL__2PRFIN20060218_040133_000000432045_00162_20757_8803.N1	18-FEB-2006 04:01:33	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	20757	No
61	GOM_NL__2PRFIN20060218_040552_000000532045_00162_20757_8804.N1	18-FEB-2006 04:05:52	Dark	52.500	12	Alp1Cru	0.77500	30000.	105	20757	No
62	GOM_NL__2PRFIN20060218_040806_000000372045_00162_20757_8805.N1	18-FEB-2006 04:08:06	Dark	37.000	29	Bet Car	1.6720	10200.	74	20757	No
63	GOM_NL__2PRFIN20060218_041046_000000422045_00162_20757_8806.N1	18-FEB-2006 04:10:46	Dark	41.500	71	lot Car	2.2460	7700.0	83	20757	No
64	GOM_NL__2PRFIN20060218_041222_000000392045_00162_20757_8807.N1	18-FEB-2006 04:12:22	Straylight	39.000	46	Del Vel	1.9540	10600.	78	20757	No
65	GOM_NL__2PRFIN20060218_041507_000000442045_00162_20757_8808.N1	18-FEB-2006 04:15:07	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	20757	No
66	GOM_NL__2PRFIN20060218_041648_000000402045_00162_20757_8809.N1	18-FEB-2006 04:16:48	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	20757	No
67	GOM_NL__2PRFIN20060218_042106_000000392045_00162_20757_8810.N1	18-FEB-2006 04:21:06	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20757	No
68	GOM_NL__2PRFIN20060218_042934_000000422045_00162_20757_8811.N1	18-FEB-2006 04:29:34	Bright	42.000	8	10Alp CMi	0.40000	6500.0	84	20757	No
69	GOM_NL__2PRFIN20060218_043548_000000402045_00162_20757_8812.N1	18-FEB-2006 04:35:48	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	20757	No
70	GOM_NL__2PRFIN20060218_043657_000000362045_00162_20757_8813.N1	18-FEB-2006 04:36:57	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20757	No
71	GOM_NL__2PRFIN20060218_045307_000000352045_00162_20757_8814.N1	18-FEB-2006 04:53:07	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	20757	No
72	GOM_NL__2PRFIN20060218_050012_000000362045_00162_20757_8815.N1	18-FEB-2006 05:00:12	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20757	No
73	GOM_NL__2PRFIN20060218_050518_000000352045_00162_20757_8816.N1	18-FEB-2006 05:05:18	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	20757	No
74	GOM_NL__2PRFIN20060218_050654_000000352045_00162_20757_8817.N1	18-FEB-2006 05:06:54	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20757	No
75	GOM_NL__2PRFIN20060218_051508_000000352045_00162_20757_8818.N1	18-FEB-2006 05:15:08	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20757	No
76	GOM_NL__2PRFIN20060218_052443_000000402045_00162_20757_8819.N1	18-FEB-2006 05:24:43	Twilight	39.500	155	41Pi Sgr	2.9000	6600.0	79	20757	No
77	GOM_NL__2PRFIN20060218_052624_000000412045_00162_20757_8820.N1	18-FEB-2006 05:26:24	Twilight	41.000	57	34Sig Sgr	2.0660	26000.	82	20757	No
78	GOM_NL__2PRFIN20060218_052914_000000442045_00162_20757_8821.N1	18-FEB-2006 05:29:14	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	20757	No
79	GOM_NL__2PRFIN20060218_053131_000000112045_00162_20757_8822.N1	18-FEB-2006 05:31:31	Dark	11.000	25	35Lam Sco	1.6200	28000.	22	20757	No
80	GOM_NL__2PRFIN20060218_053245_000000392045_00162_20757_8823.N1	18-FEB-2006 05:32:45	Dark	38.500	40	The Sco	1.8590	7100.0	77	20757	No
81	GOM_NL__2PRFIN20060218_053428_000000372045_00162_20757_8824.N1	18-FEB-2006 05:34:28	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20757	No
82	GOM_NL__2PRFIN20060218_053553_000000382045_00162_20757_8825.N1	18-FEB-2006 05:35:53	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	20757	No
83	GOM_NL__2PRFIN20060218_053950_000000392045_00163_20758_8802.N1	18-FEB-2006 05:39:50	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	20758	No
84	GOM_NL__2PRFIN20060218_054209_000000432045_00163_20758_8803.N1	18-FEB-2006 05:42:09	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20758	No
85	GOM_NL__2PRFIN20060218_054628_000000442045_00163_20758_8804.N1	18-FEB-2006 05:46:28	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	20758	No
86	GOM_NL__2PRFIN20060218_054842_000000392045_00163_20758_8805.N1	18-FEB-2006 05:48:42	Dark	39.000	29	Bet Car	1.6720	10200.	78	20758	No
87	GOM_NL__2PRFIN20060218_055122_000000432045_00163_20758_8806.N1	18-FEB-2006 05:51:22	Dark	42.500	71	lot Car	2.2460	7700.0	85	20758	No
88	GOM_NL__2PRFIN20060218_055258_000000392045_00163_20758_8807.N1	18-FEB-2006 05:52:58	Straylight	38.500	46	Del Vel	1.9540	10600.	77	20758	No
89	GOM_NL__2PRFIN20060218_055543_000000432045_00163_20758_8808.N1	18-FEB-2006 05:55:43	Straylight	42.500	65	Lam Vel	2.2040	4400.0	85	20758	No
90	GOM_NL__2PRFIN20060218_055724_000000332045_00163_20758_8809.N1	18-FEB-2006 05:57:24	Straylight	33.000	70	Zet Pup	2.2460	39000.	66	20758	No
91	GOM_NL__2PRFIN20060218_060142_000000372045_00163_20758_8810.N1	18-FEB-2006 06:01:42	Straylight	37.000	132	15Rho Pup	2.8030	6900.0	74	20758	No
92	GOM_NL__2PRFIN20060218_061010_000000442045_00163_20758_8811.N1	18-FEB-2006 06:10:10	Bright	43.500	8	10Alp CMi	0.40000	6500.0	87	20758	No
93	GOM_NL__2PRFIN20060218_061624_000000392045_00163_20758_8812.N1	18-FEB-2006 06:16:24	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20758	No
94	GOM_NL__2PRFIN20060218_061733_000000362045_00163_20758_8813.N1	18-FEB-2006 06:17:33	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20758	No
95	GOM_NL__2PRFIN20060218_063343_000000362045_00163_20758_8814.N1	18-FEB-2006 06:33:43	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	20758	No
96	GOM_NL__2PRFIN20060218_064048_000000352045_00163_20758_8815.N1	18-FEB-2006 06:40:48	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	20758	No
97	GOM_NL__2PRFIN20060218_064555_000000352045_00163_20758_8816.N1	18-FEB-2006 06:45:55	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	20758	No
98	GOM_NL__2PRFIN20060218_064730_000000332045_00163_20758_8817.N1	18-FEB-2006 06:47:30	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20758	No
99	GOM_NL__2PRFIN20060218_065545_000000362045_00163_20758_8818.N1	18-FEB-2006 06:55:45	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	20758	No
100	GOM_NL__2PRFIN20060218_070520_000000392045_00163_20758_8819.N1	18-FEB-2006 07:05:20	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	20758	No
101	GOM_NL__2PRFIN20060218_070701_000000392045_00163_20758_8820.N1	18-FEB-2006 07:07:01	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20758	No

102	GOM_NL__2PRFIN20060218_070951_000000412045_00163_20758_8821.N1	18-FEB-2006 07:09:51	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	20758	No
103	GOM_NL__2PRFIN20060218_071321_000000422045_00163_20758_8822.N1	18-FEB-2006 07:13:21	Dark	42.000	40	The Sco	1.8590	7100.0	84	20758	No
104	GOM_NL__2PRFIN20060218_071505_000000392045_00163_20758_8823.N1	18-FEB-2006 07:15:05	Dark	39.000	147	Alp Ara	2.8770	26000.	78	20758	No
105	GOM_NL__2PRFIN20060218_071629_000000412045_00163_20758_8824.N1	18-FEB-2006 07:16:29	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	20758	No
106	GOM_NL__2PRFIN20060218_072026_000000382045_00164_20759_8802.N1	18-FEB-2006 07:20:26	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20759	No
107	GOM_NL__2PRFIN20060218_072246_000000572045_00164_20759_8803.N1	18-FEB-2006 07:22:46	Dark	57.000	4	Alp1Cen	-0.010000	5800.0	114	20759	No
108	GOM_NL__2PRFIN20060218_072705_000000412045_00164_20759_8804.N1	18-FEB-2006 07:27:05	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	20759	No
109	GOM_NL__2PRFIN20060218_072918_000000372045_00164_20759_8805.N1	18-FEB-2006 07:29:18	Dark	37.000	29	Bet Car	1.6720	10200.	74	20759	No
110	GOM_NL__2PRFIN20060218_073158_000000402045_00164_20759_8806.N1	18-FEB-2006 07:31:58	Dark	40.000	71	lot Car	2.2460	7700.0	80	20759	No
111	GOM_NL__2PRFIN20060218_073334_000000382045_00164_20759_8807.N1	18-FEB-2006 07:33:34	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20759	No
112	GOM_NL__2PRFIN20060218_073619_000000422045_00164_20759_8808.N1	18-FEB-2006 07:36:19	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20759	No
113	GOM_NL__2PRFIN20060218_073819_000000202045_00164_20759_8809.N1	18-FEB-2006 07:38:19	Dark	20.000	70	Zet Pup	2.2460	39000.	40	20759	Yes
114	GOM_NL__2PRFIN20060218_074218_000000372045_00164_20759_8810.N1	18-FEB-2006 07:42:18	Straylight	36.500	132	15Rho Pup	2.8030	6900.0	73	20759	No
115	GOM_NL__2PRFIN20060218_075046_000000402045_00164_20759_8811.N1	18-FEB-2006 07:50:46	Bright	40.000	8	10Alp CMi	0.40000	6500.0	80	20759	No
116	GOM_NL__2PRFIN20060218_075700_000000392045_00164_20759_8812.N1	18-FEB-2006 07:57:00	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	20759	No
117	GOM_NL__2PRFIN20060218_075809_000000372045_00164_20759_8813.N1	18-FEB-2006 07:58:09	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	20759	No
118	GOM_NL__2PRFIN20060218_081419_000000332045_00164_20759_8814.N1	18-FEB-2006 08:14:19	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	20759	No
119	GOM_NL__2PRFIN20060218_082124_000000362045_00164_20759_8815.N1	18-FEB-2006 08:21:24	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20759	No
120	GOM_NL__2PRFIN20060218_082631_000000332045_00164_20759_8816.N1	18-FEB-2006 08:26:31	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20759	No
121	GOM_NL__2PRFIN20060218_082807_000000342045_00164_20759_8817.N1	18-FEB-2006 08:28:07	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	20759	No
122	GOM_NL__2PRFIN20060218_083621_000000362045_00164_20759_8818.N1	18-FEB-2006 08:36:21	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	20759	No
123	GOM_NL__2PRFIN20060218_084556_000000382045_00164_20759_8819.N1	18-FEB-2006 08:45:56	Twilight	37.500	155	41Pi Sgr	2.9000	6600.0	75	20759	No
124	GOM_NL__2PRFIN20060218_084737_000000402045_00164_20759_8820.N1	18-FEB-2006 08:47:37	Twilight	40.000	57	34Sig Sgr	2.0660	26000.	80	20759	No
125	GOM_NL__2PRFIN20060218_085027_000000412045_00164_20759_8821.N1	18-FEB-2006 08:50:27	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	20759	No
126	GOM_NL__2PRFIN20060218_085358_000000492045_00164_20759_8822.N1	18-FEB-2006 08:53:58	Dark	48.500	40	The Sco	1.8590	7100.0	97	20759	No
127	GOM_NL__2PRFIN20060218_085541_000000392045_00164_20759_8823.N1	18-FEB-2006 08:55:41	Dark	38.500	147	Alp Ara	2.8770	26000.	77	20759	No
128	GOM_NL__2PRFIN20060218_085706_000000462045_00164_20759_8824.N1	18-FEB-2006 08:57:06	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	20759	No
129	GOM_NL__2PRFIN20060218_090103_000000382045_00165_20760_8802.N1	18-FEB-2006 09:01:03	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20760	No
130	GOM_NL__2PRFIN20060218_090323_000000472045_00165_20760_8803.N1	18-FEB-2006 09:03:23	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	20760	No
131	GOM_NL__2PRFIN20060218_090741_000000432045_00165_20760_8804.N1	18-FEB-2006 09:07:41	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20760	No
132	GOM_NL__2PRFIN20060218_090954_000000382045_00165_20760_8805.N1	18-FEB-2006 09:09:54	Dark	38.000	29	Bet Car	1.6720	10200.	76	20760	No
133	GOM_NL__2PRFIN20060218_091234_000000372045_00165_20760_8806.N1	18-FEB-2006 09:12:34	Dark	36.500	71	lot Car	2.2460	7700.0	73	20760	No
134	GOM_NL__2PRFIN20060218_091410_000000382045_00165_20760_8807.N1	18-FEB-2006 09:14:10	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20760	No
135	GOM_NL__2PRFIN20060218_091656_000000372045_00165_20760_8808.N1	18-FEB-2006 09:16:56	Straylight	37.000	65	Lam Vel	2.2040	4400.0	74	20760	No
136	GOM_NL__2PRFIN20060218_092254_000000392045_00165_20760_8809.N1	18-FEB-2006 09:22:54	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20760	No
137	GOM_NL__2PRFIN20060218_093122_000000422045_00165_20760_8810.N1	18-FEB-2006 09:31:22	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	20760	No
138	GOM_NL__2PRFIN20060218_093736_000000372045_00165_20760_8811.N1	18-FEB-2006 09:37:36	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	20760	No
139	GOM_NL__2PRFIN20060218_093845_000000362045_00165_20760_8812.N1	18-FEB-2006 09:38:45	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	20760	No
140	GOM_NL__2PRFIN20060218_095454_000000352045_00165_20760_8813.N1	18-FEB-2006 09:54:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20760	No
141	GOM_NL__2PRFIN20060218_100200_000000372045_00165_20760_8814.N1	18-FEB-2006 10:02:00	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	20760	No
142	GOM_NL__2PRFIN20060218_100707_000000342045_00165_20760_8815.N1	18-FEB-2006 10:07:07	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20760	No
143	GOM_NL__2PRFIN20060218_100843_000000352045_00165_20760_8816.N1	18-FEB-2006 10:08:43	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	20760	No
144	GOM_NL__2PRFIN20060218_101657_000000352045_00165_20760_8817.N1	18-FEB-2006 10:16:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20760	No
145	GOM_NL__2PRFIN20060218_102632_000000412045_00165_20760_8818.N1	18-FEB-2006 10:26:32	Twilight	41.000	155	41Pi Sgr	2.9000	6600.0	82	20760	No
146	GOM_NL__2PRFIN20060218_102813_000000422045_00165_20760_8819.N1	18-FEB-2006 10:28:13	Twilight	41.500	57	34Sig Sgr	2.0660	26000.	83	20760	No
147	GOM_NL__2PRFIN20060218_103103_000000422045_00165_20760_8820.N1	18-FEB-2006 10:31:03	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20760	No
148	GOM_NL__2PRFIN20060218_103434_000000462045_00165_20760_8821.N1	18-FEB-2006 10:34:34	Dark	45.500	40	The Sco	1.8590	7100.0	91	20760	No
149	GOM_NL__2PRFIN20060218_103617_000000402045_00165_20760_8822.N1	18-FEB-2006 10:36:17	Dark	39.500	147	Alp Ara	2.8770	26000.	79	20760	No
150	GOM_NL__2PRFIN20060218_103742_000000432045_00165_20760_8823.N1	18-FEB-2006 10:37:42	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	20760	No
151	GOM_NL__2PRFIN20060218_104139_000000382045_00166_20761_8802.N1	18-FEB-2006 10:41:39	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	20761	No
152	GOM_NL__2PRFIN20060218_104359_000000442045_00166_20761_8803.N1	18-FEB-2006 10:43:59	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	20761	No
153	GOM_NL__2PRFIN20060218_104817_000000442045_00166_20761_8804.N1	18-FEB-2006 10:48:17	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	20761	No
154	GOM_NL__2PRFIN20060218_105030_000000362045_00166_20761_8805.N1	18-FEB-2006 10:50:30	Dark	36.000	29	Bet Car	1.6720	10200.	72	20761	No
155	GOM_NL__2PRFIN20060218_105310_000000382045_00166_20761_8806.N1	18-FEB-2006 10:53:10	Dark	38.000	71	lot Car	2.2460	7700.0	76	20761	No
156	GOM_NL__2PRFIN20060218_105446_000000372045_00166_20761_8807.N1	18-FEB-2006 10:54:46	Straylight	36.500	46	Del Vel	1.9540	10600.	73	20761	No
157	GOM_NL__2PRFIN20060218_105732_000000432045_00166_20761_8808.N1	18-FEB-2006 10:57:32	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	20761	No
158	GOM_NL__2PRFIN20060218_110331_000000402045_00166_20761_8809.N1	18-FEB-2006 11:03:31	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	20761	No
159	GOM_NL__2PRFIN20060218_111159_000000432045_00166_20761_8810.N1	18-FEB-2006 11:11:59	Bright	42.500	8	10Alp CMi	0.40000	6500.0	85	20761	No
160	GOM_NL__2PRFIN20060218_111812_000000382045_00166_20761_8811.N1	18-FEB-2006 11:18:12	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20761	No



161	GOM_NL__2PRFIN20060218_111921_000000362045_00166_20761_8812.N1	18-FEB-2006 11:19:21	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	20761	No
162	GOM_NL__2PRFIN20060218_113530_000000332045_00166_20761_8813.N1	18-FEB-2006 11:35:30	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	20761	No
163	GOM_NL__2PRFIN20060218_114236_000000362045_00166_20761_8814.N1	18-FEB-2006 11:42:36	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20761	No
164	GOM_NL__2PRFIN20060218_114743_000000342045_00166_20761_8815.N1	18-FEB-2006 11:47:43	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	20761	No
165	GOM_NL__2PRFIN20060218_114919_000000352045_00166_20761_8816.N1	18-FEB-2006 11:49:19	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20761	No
166	GOM_NL__2PRFIN20060218_115733_000000352045_00166_20761_8817.N1	18-FEB-2006 11:57:33	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20761	No
167	GOM_NL__2PRFIN20060218_120708_000000392045_00166_20761_8818.N1	18-FEB-2006 12:07:08	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	20761	No
168	GOM_NL__2PRFIN20060218_120849_000000392045_00166_20761_8819.N1	18-FEB-2006 12:08:49	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20761	No
169	GOM_NL__2PRFIN20060218_121140_000000412045_00166_20761_8820.N1	18-FEB-2006 12:11:40	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20761	No
170	GOM_NL__2PRFIN20060218_121511_000000452045_00166_20761_8821.N1	18-FEB-2006 12:15:11	Dark	45.000	40	The Sco	1.8590	7100.0	90	20761	No
171	GOM_NL__2PRFIN20060218_121654_000000392045_00166_20761_8822.N1	18-FEB-2006 12:16:54	Dark	39.000	147	Alp Ara	2.8770	26000.	78	20761	No
172	GOM_NL__2PRFIN20060218_121818_000000392045_00166_20761_8823.N1	18-FEB-2006 12:18:18	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20761	No
173	GOM_NL__2PRFIN20060218_122215_000000392045_00167_20762_8802.N1	18-FEB-2006 12:22:15	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20762	No
174	GOM_NL__2PRFIN20060218_122436_000000432045_00167_20762_8803.N1	18-FEB-2006 12:24:36	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20762	No
175	GOM_NL__2PRFIN20060218_122854_000000482045_00167_20762_8804.N1	18-FEB-2006 12:28:54	Dark	48.000	12	Alp1Cru	0.77500	30000.	96	20762	No
176	GOM_NL__2PRFIN20060218_123106_000000412045_00167_20762_8805.N1	18-FEB-2006 12:31:06	Dark	41.000	29	Bet Car	1.6720	10200.	82	20762	No
177	GOM_NL__2PRFIN20060218_123346_000000382045_00167_20762_8806.N1	18-FEB-2006 12:33:46	Dark	37.500	71	lot Car	2.2460	7700.0	75	20762	No
178	GOM_NL__2PRFIN20060218_123522_000000412045_00167_20762_8807.N1	18-FEB-2006 12:35:22	Straylight	40.500	46	Del Vel	1.9540	10600.	81	20762	No
179	GOM_NL__2PRFIN20060218_123808_000000422045_00167_20762_8808.N1	18-FEB-2006 12:38:08	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	20762	No
180	GOM_NL__2PRFIN20060218_124406_000000412045_00167_20762_8809.N1	18-FEB-2006 12:44:06	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	20762	No
181	GOM_NL__2PRFIN20060218_125235_000000432045_00167_20762_8810.N1	18-FEB-2006 12:52:35	Bright	42.500	8	10Alp CMi	0.40000	6500.0	85	20762	No
182	GOM_NL__2PRFIN20060218_125848_000000392045_00167_20762_8811.N1	18-FEB-2006 12:58:48	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	20762	No
183	GOM_NL__2PRFIN20060218_125957_000000352045_00167_20762_8812.N1	18-FEB-2006 12:59:57	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	20762	No
184	GOM_NL__2PRFIN20060218_132312_000000352045_00167_20762_8813.N1	18-FEB-2006 13:23:12	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20762	No
185	GOM_NL__2PRFIN20060218_132819_000000342045_00167_20762_8814.N1	18-FEB-2006 13:28:19	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20762	No
186	GOM_NL__2PRFIN20060218_132955_000000332045_00167_20762_8815.N1	18-FEB-2006 13:29:55	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	20762	No
187	GOM_NL__2PRFIN20060218_133809_000000362045_00167_20762_8816.N1	18-FEB-2006 13:38:09	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	20762	No
188	GOM_NL__2PRFIN20060218_134744_000000372045_00167_20762_8817.N1	18-FEB-2006 13:47:44	Twilight	36.500	155	41Pi Sgr	2.9000	6600.0	73	20762	No
189	GOM_NL__2PRFIN20060218_134925_000000392045_00167_20762_8818.N1	18-FEB-2006 13:49:25	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	20762	No
190	GOM_NL__2PRFIN20060218_135216_000000432045_00167_20762_8819.N1	18-FEB-2006 13:52:16	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	20762	No
191	GOM_NL__2PRFIN20060218_135547_000000452045_00167_20762_8820.N1	18-FEB-2006 13:55:47	Dark	44.500	40	The Sco	1.8590	7100.0	89	20762	No
192	GOM_NL__2PRFIN20060218_135730_000000382045_00167_20762_8821.N1	18-FEB-2006 13:57:30	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20762	No
193	GOM_NL__2PRFIN20060218_135855_000000382045_00167_20762_8822.N1	18-FEB-2006 13:58:55	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	20762	No
194	GOM_NL__2PRFIN20060218_140252_000000382045_00168_20763_8802.N1	18-FEB-2006 14:02:52	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20763	No
195	GOM_NL__2PRFIN20060218_140512_000000422045_00168_20763_8803.N1	18-FEB-2006 14:05:12	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20763	No
196	GOM_NL__2PRFIN20060218_140930_000000402045_00168_20763_8804.N1	18-FEB-2006 14:09:30	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20763	No
197	GOM_NL__2PRFIN20060218_141142_000000372045_00168_20763_8805.N1	18-FEB-2006 14:11:42	Dark	37.000	29	Bet Car	1.6720	10200.	74	20763	No
198	GOM_NL__2PRFIN20060218_141423_000000362045_00168_20763_8806.N1	18-FEB-2006 14:14:23	Dark	36.000	71	lot Car	2.2460	7700.0	72	20763	No
199	GOM_NL__2PRFIN20060218_141558_000000402045_00168_20763_8807.N1	18-FEB-2006 14:15:58	Straylight	40.000	46	Del Vel	1.9540	10600.	80	20763	No
200	GOM_NL__2PRFIN20060218_141844_000000422045_00168_20763_8808.N1	18-FEB-2006 14:18:44	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20763	No
201	GOM_NL__2PRFIN20060218_142443_000000402045_00168_20763_8809.N1	18-FEB-2006 14:24:43	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	20763	No
202	GOM_NL__2PRFIN20060218_143311_000000472045_00168_20763_8810.N1	18-FEB-2006 14:33:11	Bright	46.500	8	10Alp CMi	0.40000	6500.0	93	20763	No
203	GOM_NL__2PRFIN20060218_143924_000000372045_00168_20763_8811.N1	18-FEB-2006 14:39:24	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	20763	No
204	GOM_NL__2PRFIN20060218_144033_000000352045_00168_20763_8812.N1	18-FEB-2006 14:40:33	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	20763	No
205	GOM_NL__2PRFIN20060218_145642_000000342045_00168_20763_8813.N1	18-FEB-2006 14:56:42	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	20763	No
206	GOM_NL__2PRFIN20060218_150349_000000362045_00168_20763_8814.N1	18-FEB-2006 15:03:49	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20763	No
207	GOM_NL__2PRFIN20060218_150855_000000372045_00168_20763_8815.N1	18-FEB-2006 15:08:55	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20763	No
208	GOM_NL__2PRFIN20060218_151031_000000362045_00168_20763_8816.N1	18-FEB-2006 15:10:31	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	20763	No
209	GOM_NL__2PRFIN20060218_151846_000000352045_00168_20763_8817.N1	18-FEB-2006 15:18:46	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20763	No
210	GOM_NL__2PRFIN20060218_152821_000000412045_00168_20763_8818.N1	18-FEB-2006 15:28:21	Twilight	41.000	155	41Pi Sgr	2.9000	6600.0	82	20763	No
211	GOM_NL__2PRFIN20060218_153002_000000402045_00168_20763_8819.N1	18-FEB-2006 15:30:02	Twilight	39.500	57	34Sig Sgr	2.0660	26000.	79	20763	No
212	GOM_NL__2PRFIN20060218_153252_000000422045_00168_20763_8820.N1	18-FEB-2006 15:32:52	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20763	No
213	GOM_NL__2PRFIN20060218_153624_000000482045_00168_20763_8821.N1	18-FEB-2006 15:36:24	Dark	48.000	40	The Sco	1.8590	7100.0	96	20763	No
214	GOM_NL__2PRFIN20060218_153807_000000372045_00168_20763_8822.N1	18-FEB-2006 15:38:07	Dark	37.000	147	Alp Ara	2.8770	26000.	74	20763	No
215	GOM_NL__2PRFIN20060218_153931_000000392045_00168_20763_8823.N1	18-FEB-2006 15:39:31	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20763	No
216	GOM_NL__2PRFIN20060218_154328_000000392045_00169_20764_8822.N1	18-FEB-2006 15:43:28	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20764	No
217	GOM_NL__2PRFIN20060218_154549_000000432045_00169_20764_8823.N1	18-FEB-2006 15:45:49	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20764	No
218	GOM_NL__2PRFIN20060218_155006_000000432045_00169_20764_8824.N1	18-FEB-2006 15:50:06	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	20764	No
219	GOM_NL__2PRFIN20060218_155218_000000422045_00169_20764_8825.N1	18-FEB-2006 15:52:18	Dark	41.500	29	Bet Car	1.6720	10200.	83	20764	No

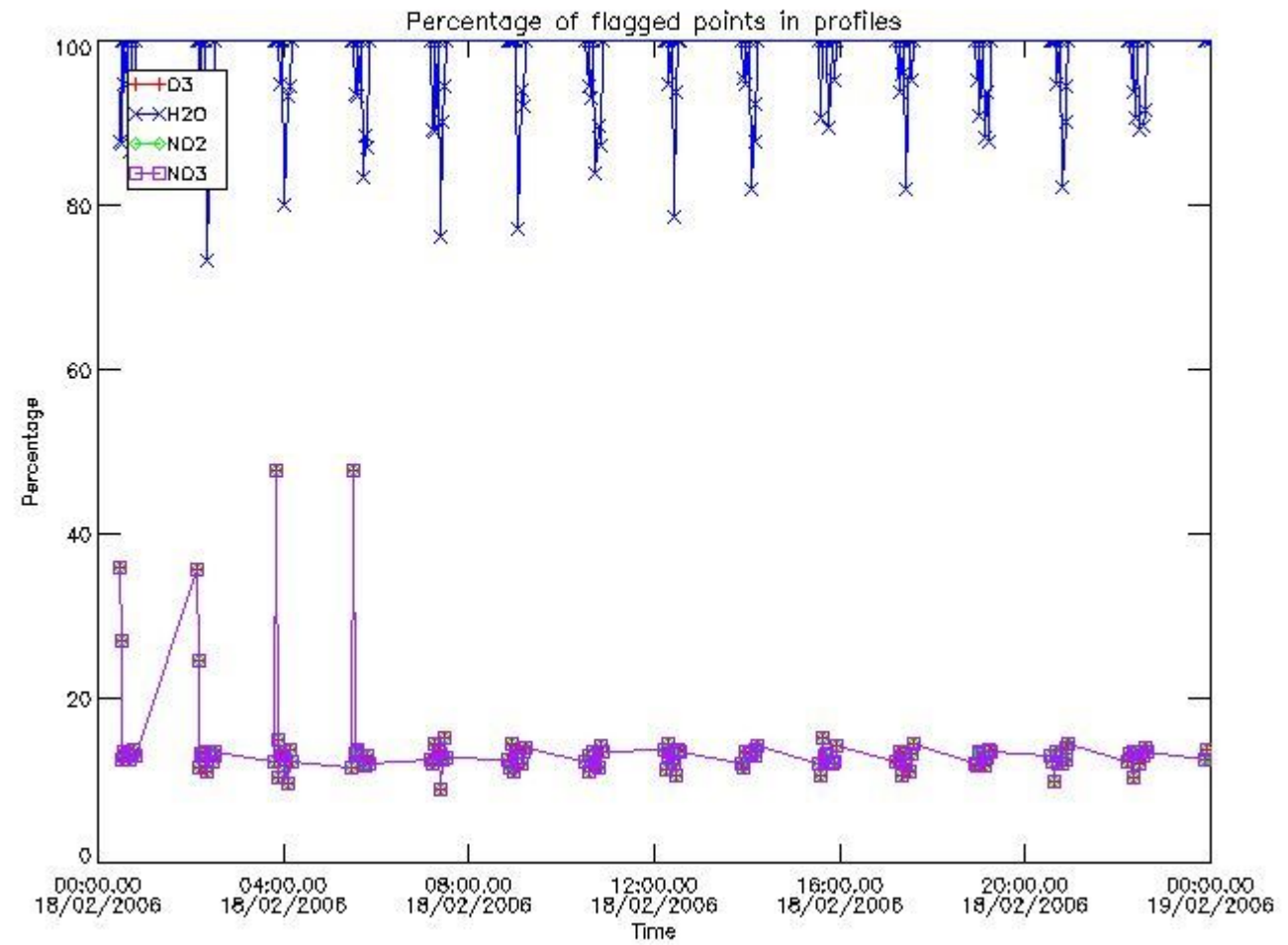
220	GOM_NL__2PRFIN20060218_155459_000000402045_00169_20764_8826.N1	18-FEB-2006 15:54:59	Dark	39.500	71	lot Car	2.2460	7700.0	79	20764	No
221	GOM_NL__2PRFIN20060218_155634_000000382045_00169_20764_8827.N1	18-FEB-2006 15:56:34	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20764	No
222	GOM_NL__2PRFIN20060218_155920_000000422045_00169_20764_8828.N1	18-FEB-2006 15:59:20	Straylight	41.500	65	Lam Vel	2.2040	4400.0	83	20764	No
223	GOM_NL__2PRFIN20060218_160519_000000412045_00169_20764_8829.N1	18-FEB-2006 16:05:19	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	20764	No
224	GOM_NL__2PRFIN20060218_161347_000000422045_00169_20764_8830.N1	18-FEB-2006 16:13:47	Bright	42.000	8	10Alp CMi	0.40000	6500.0	84	20764	No
225	GOM_NL__2PRFIN20060218_162000_000000372045_00169_20764_8831.N1	18-FEB-2006 16:20:00	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	20764	No
226	GOM_NL__2PRFIN20060218_162109_000000372045_00169_20764_8832.N1	18-FEB-2006 16:21:09	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	20764	No
227	GOM_NL__2PRFIN20060218_163718_000000352045_00169_20764_8833.N1	18-FEB-2006 16:37:18	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20764	No
228	GOM_NL__2PRFIN20060218_164425_000000342045_00169_20764_8834.N1	18-FEB-2006 16:44:25	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	20764	No
229	GOM_NL__2PRFIN20060218_164931_000000372045_00169_20764_8835.N1	18-FEB-2006 16:49:31	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	20764	No
230	GOM_NL__2PRFIN20060218_165107_000000352045_00169_20764_8836.N1	18-FEB-2006 16:51:07	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	20764	No
231	GOM_NL__2PRFIN20060218_165922_000000372045_00169_20764_8837.N1	18-FEB-2006 16:59:22	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	20764	No
232	GOM_NL__2PRFIN20060218_170857_000000392045_00169_20764_8838.N1	18-FEB-2006 17:08:57	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	20764	No
233	GOM_NL__2PRFIN20060218_171038_000000432045_00169_20764_8839.N1	18-FEB-2006 17:10:38	Twilight	43.000	57	34Sig Sgr	2.0660	26000.	86	20764	No
234	GOM_NL__2PRFIN20060218_171329_000000422045_00169_20764_8840.N1	18-FEB-2006 17:13:29	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20764	No
235	GOM_NL__2PRFIN20060218_171700_000000412045_00169_20764_8841.N1	18-FEB-2006 17:17:00	Dark	40.500	40	The Sco	1.8590	7100.0	81	20764	No
236	GOM_NL__2PRFIN20060218_171843_000000382045_00169_20764_8842.N1	18-FEB-2006 17:18:43	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20764	No
237	GOM_NL__2PRFIN20060218_172008_000000482045_00169_20764_8843.N1	18-FEB-2006 17:20:08	Dark	48.000	141	Bet Ara	2.8400	4600.0	96	20764	No
238	GOM_NL__2PRFIN20060218_172405_000000392045_00170_20765_8822.N1	18-FEB-2006 17:24:05	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	20765	No
239	GOM_NL__2PRFIN20060218_172625_000000422045_00170_20765_8823.N1	18-FEB-2006 17:26:25	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20765	No
240	GOM_NL__2PRFIN20060218_173043_000000462045_00170_20765_8824.N1	18-FEB-2006 17:30:43	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	20765	No
241	GOM_NL__2PRFIN20060218_173254_000000432045_00170_20765_8825.N1	18-FEB-2006 17:32:54	Dark	42.500	29	Bet Car	1.6720	10200.	85	20765	No
242	GOM_NL__2PRFIN20060218_173535_000000352045_00170_20765_8826.N1	18-FEB-2006 17:35:35	Dark	35.000	71	lot Car	2.2460	7700.0	70	20765	No
243	GOM_NL__2PRFIN20060218_173710_000000372045_00170_20765_8827.N1	18-FEB-2006 17:37:10	Straylight	36.500	46	Del Vel	1.9540	10600.	73	20765	No
244	GOM_NL__2PRFIN20060218_173956_000000492045_00170_20765_8828.N1	18-FEB-2006 17:39:56	Straylight	48.500	65	Lam Vel	2.2040	4400.0	97	20765	No
245	GOM_NL__2PRFIN20060218_174555_000000402045_00170_20765_8829.N1	18-FEB-2006 17:45:55	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	20765	No
246	GOM_NL__2PRFIN20060218_175423_000000402045_00170_20765_8830.N1	18-FEB-2006 17:54:23	Bright	40.000	8	10Alp CMi	0.40000	6500.0	80	20765	No
247	GOM_NL__2PRFIN20060218_180036_000000382045_00170_20765_8831.N1	18-FEB-2006 18:00:36	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	20765	No
248	GOM_NL__2PRFIN20060218_180146_000000372045_00170_20765_8832.N1	18-FEB-2006 18:01:46	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	20765	No
249	GOM_NL__2PRFIN20060218_181754_000000352045_00170_20765_8833.N1	18-FEB-2006 18:17:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20765	No
250	GOM_NL__2PRFIN20060218_182501_000000352045_00170_20765_8834.N1	18-FEB-2006 18:25:01	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	20765	No
251	GOM_NL__2PRFIN20060218_183007_000000332045_00170_20765_8835.N1	18-FEB-2006 18:30:07	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20765	No
252	GOM_NL__2PRFIN20060218_183143_000000332045_00170_20765_8836.N1	18-FEB-2006 18:31:43	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	20765	No
253	GOM_NL__2PRFIN20060218_183958_000000352045_00170_20765_8837.N1	18-FEB-2006 18:39:58	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20765	No
254	GOM_NL__2PRFIN20060218_184933_000000392045_00170_20765_8838.N1	18-FEB-2006 18:49:33	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	20765	No
255	GOM_NL__2PRFIN20060218_185114_000000412045_00170_20765_8839.N1	18-FEB-2006 18:51:14	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	20765	No
256	GOM_NL__2PRFIN20060218_185405_000000422045_00170_20765_8840.N1	18-FEB-2006 18:54:05	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20765	No
257	GOM_NL__2PRFIN20060218_185737_000000432045_00170_20765_8841.N1	18-FEB-2006 18:57:37	Dark	43.000	40	The Sco	1.8590	7100.0	86	20765	No
258	GOM_NL__2PRFIN20060218_185920_000000382045_00170_20765_8842.N1	18-FEB-2006 18:59:20	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20765	No
259	GOM_NL__2PRFIN20060218_190044_000000392045_00170_20765_8843.N1	18-FEB-2006 19:00:44	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	20765	No
260	GOM_NL__2PRFIN20060218_190441_000000382045_00171_20766_8822.N1	18-FEB-2006 19:04:41	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	20766	No
261	GOM_NL__2PRFIN20060218_190702_000000432045_00171_20766_8823.N1	18-FEB-2006 19:07:02	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	20766	No
262	GOM_NL__2PRFIN20060218_191119_000000402045_00171_20766_8824.N1	18-FEB-2006 19:11:19	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	20766	No
263	GOM_NL__2PRFIN20060218_191330_000000372045_00171_20766_8825.N1	18-FEB-2006 19:13:30	Dark	37.000	29	Bet Car	1.6720	10200.	74	20766	No
264	GOM_NL__2PRFIN20060218_191611_000000382045_00171_20766_8826.N1	18-FEB-2006 19:16:11	Dark	38.000	71	lot Car	2.2460	7700.0	76	20766	No
265	GOM_NL__2PRFIN20060218_191747_000000422045_00171_20766_8827.N1	18-FEB-2006 19:17:47	Straylight	41.500	46	Del Vel	1.9540	10600.	83	20766	No
266	GOM_NL__2PRFIN20060218_192032_000000482045_00171_20766_8828.N1	18-FEB-2006 19:20:32	Straylight	48.000	65	Lam Vel	2.2040	4400.0	96	20766	No
267	GOM_NL__2PRFIN20060218_192631_000000392045_00171_20766_8829.N1	18-FEB-2006 19:26:31	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20766	No
268	GOM_NL__2PRFIN20060218_193459_000000412045_00171_20766_8830.N1	18-FEB-2006 19:34:59	Bright	41.000	8	10Alp CMi	0.40000	6500.0	82	20766	No
269	GOM_NL__2PRFIN20060218_194112_000000372045_00171_20766_8831.N1	18-FEB-2006 19:41:12	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	20766	No
270	GOM_NL__2PRFIN20060218_194222_000000352045_00171_20766_8832.N1	18-FEB-2006 19:42:22	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	20766	No
271	GOM_NL__2PRFIN20060218_195830_000000362045_00171_20766_8833.N1	18-FEB-2006 19:58:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20766	No
272	GOM_NL__2PRFIN20060218_200537_000000362045_00171_20766_8834.N1	18-FEB-2006 20:05:37	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20766	No
273	GOM_NL__2PRFIN20060218_201043_000000342045_00171_20766_8835.N1	18-FEB-2006 20:10:43	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20766	No
274	GOM_NL__2PRFIN20060218_201219_000000362045_00171_20766_8836.N1	18-FEB-2006 20:12:19	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	20766	No
275	GOM_NL__2PRFIN20060218_202034_000000362045_00171_20766_8837.N1	18-FEB-2006 20:20:34	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	20766	No
276	GOM_NL__2PRFIN20060218_203009_000000412045_00171_20766_8838.N1	18-FEB-2006 20:30:09	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	20766	No
277	GOM_NL__2PRFIN20060218_203151_000000402045_00171_20766_8839.N1	18-FEB-2006 20:31:51	Dark	39.500	57	34Sig Sgr	2.0660	26000.	79	20766	No
278	GOM_NL__2PRFIN20060218_203442_000000422045_00171_20766_8840.N1	18-FEB-2006 20:34:42	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	20766	No

279	GOM_NL__2PRFIN20060218_203813_000000512045_00171_20766_8841.N1	18-FEB-2006 20:38:13	Dark	51.000	40	The Sco	1.8590	7100.0	102	20766	No
280	GOM_NL__2PRFIN20060218_203956_000000382045_00171_20766_8842.N1	18-FEB-2006 20:39:56	Dark	37.500	147	Alp Ara	2.8770	26000.	75	20766	No
281	GOM_NL__2PRFIN20060218_204120_000000392045_00171_20766_8843.N1	18-FEB-2006 20:41:20	Dark	39.000	141	Bet Ara	2.8400	4600.0	78	20766	No
282	GOM_NL__2PRFIN20060218_204518_000000392045_00172_20767_8822.N1	18-FEB-2006 20:45:18	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	20767	No
283	GOM_NL__2PRFIN20060218_204738_000000432045_00172_20767_8823.N1	18-FEB-2006 20:47:38	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	20767	No
284	GOM_NL__2PRFIN20060218_205156_000000412045_00172_20767_8824.N1	18-FEB-2006 20:51:56	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	20767	No
285	GOM_NL__2PRFIN20060218_205406_000000372045_00172_20767_8825.N1	18-FEB-2006 20:54:06	Dark	36.500	29	Bet Car	1.6720	10200.	73	20767	No
286	GOM_NL__2PRFIN20060218_205647_000000362045_00172_20767_8826.N1	18-FEB-2006 20:56:47	Dark	35.500	71	lot Car	2.2460	7700.0	71	20767	No
287	GOM_NL__2PRFIN20060218_205823_000000362045_00172_20767_8827.N1	18-FEB-2006 20:58:23	Straylight	36.000	46	Del Vel	1.9540	10600.	72	20767	No
288	GOM_NL__2PRFIN20060218_210109_000000432045_00172_20767_8828.N1	18-FEB-2006 21:01:09	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	20767	No
289	GOM_NL__2PRFIN20060218_210707_000000372045_00172_20767_8829.N1	18-FEB-2006 21:07:07	Straylight	37.000	132	15Rho Pup	2.8030	6900.0	74	20767	No
290	GOM_NL__2PRFIN20060218_211535_000000412045_00172_20767_8830.N1	18-FEB-2006 21:15:35	Bright	41.000	8	10Alp CMi	0.40000	6500.0	82	20767	No
291	GOM_NL__2PRFIN20060218_212148_000000352045_00172_20767_8831.N1	18-FEB-2006 21:21:48	Bright	35.000	17	78Bet Gem	1.1610	4500.0	70	20767	No
292	GOM_NL__2PRFIN20060218_212258_000000352045_00172_20767_8832.N1	18-FEB-2006 21:22:58	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	20767	No
293	GOM_NL__2PRFIN20060218_213906_000000362045_00172_20767_8833.N1	18-FEB-2006 21:39:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	20767	No
294	GOM_NL__2PRFIN20060218_214613_000000362045_00172_20767_8834.N1	18-FEB-2006 21:46:13	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	20767	No
295	GOM_NL__2PRFIN20060218_215120_000000342045_00172_20767_8835.N1	18-FEB-2006 21:51:20	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	20767	No
296	GOM_NL__2PRFIN20060218_215255_000000342045_00172_20767_8836.N1	18-FEB-2006 21:52:55	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	20767	No
297	GOM_NL__2PRFIN20060218_220110_000000352045_00172_20767_8837.N1	18-FEB-2006 22:01:10	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	20767	No
298	GOM_NL__2PRFIN20060218_221045_000000412045_00172_20767_8838.N1	18-FEB-2006 22:10:45	Twilight	41.000	155	41Pi Sgr	2.9000	6600.0	82	20767	No
299	GOM_NL__2PRFIN20060218_221227_000000422045_00172_20767_8839.N1	18-FEB-2006 22:12:27	Dark	41.500	57	34Sig Sgr	2.0660	26000.	83	20767	No
300	GOM_NL__2PRFIN20060218_221518_000000422045_00172_20767_8840.N1	18-FEB-2006 22:15:18	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	20767	No
301	GOM_NL__2PRFIN20060218_221850_000000492045_00172_20767_8841.N1	18-FEB-2006 22:18:50	Dark	49.000	40	The Sco	1.8590	7100.0	98	20767	No
302	GOM_NL__2PRFIN20060218_222032_000000382045_00172_20767_8842.N1	18-FEB-2006 22:20:32	Dark	38.000	147	Alp Ara	2.8770	26000.	76	20767	No
303	GOM_NL__2PRFIN20060218_222157_000000382045_00172_20767_8843.N1	18-FEB-2006 22:21:57	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	20767	No
304	GOM_NL__2PRFIN20060218_222554_000000382045_00173_20768_8822.N1	18-FEB-2006 22:25:54	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	20768	No
305	GOM_NL__2PRFIN20060218_222815_000000422045_00173_20768_8823.N1	18-FEB-2006 22:28:15	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	20768	No
306	GOM_NL__2PRFIN20060218_223232_000000402045_00173_20768_8824.N1	18-FEB-2006 22:32:32	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	20768	No
307	GOM_NL__2PRFIN20060218_223442_000000372045_00173_20768_8825.N1	18-FEB-2006 22:34:42	Dark	36.500	29	Bet Car	1.6720	10200.	73	20768	No
308	GOM_NL__2PRFIN20060218_223723_000000422045_00173_20768_8826.N1	18-FEB-2006 22:37:23	Dark	41.500	71	lot Car	2.2460	7700.0	83	20768	No
309	GOM_NL__2PRFIN20060218_223859_000000382045_00173_20768_8827.N1	18-FEB-2006 22:38:59	Straylight	38.000	46	Del Vel	1.9540	10600.	76	20768	No
310	GOM_NL__2PRFIN20060218_224145_000000452045_00173_20768_8828.N1	18-FEB-2006 22:41:45	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	20768	No
311	GOM_NL__2PRFIN20060218_224743_000000392045_00173_20768_8829.N1	18-FEB-2006 22:47:43	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	20768	No
312	GOM_NL__2PRFIN20060218_225611_000000382045_00173_20768_8830.N1	18-FEB-2006 22:56:11	Bright	37.500	8	10Alp CMi	0.40000	6500.0	75	20768	No
313	GOM_NL__2PRFIN20060218_230224_000000382045_00173_20768_8831.N1	18-FEB-2006 23:02:24	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	20768	No
314	GOM_NL__2PRFIN20060218_230334_000000362045_00173_20768_8832.N1	18-FEB-2006 23:03:34	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	20768	No
315	GOM_NL__2PRFIN20060218_231942_000000352045_00173_20768_8833.N1	18-FEB-2006 23:19:42	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	20768	No
316	GOM_NL__2PRFIN20060218_232649_000000362045_00173_20768_8834.N1	18-FEB-2006 23:26:49	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	20768	No
317	GOM_NL__2PRFIN20060218_233156_000000332045_00173_20768_8835.N1	18-FEB-2006 23:31:56	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	20768	No
318	GOM_NL__2PRFIN20060218_233331_000000362045_00173_20768_8836.N1	18-FEB-2006 23:33:31	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	20768	No
319	GOM_NL__2PRFIN20060218_234146_000000352045_00173_20768_8837.N1	18-FEB-2006 23:41:46	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	20768	No
320	GOM_NL__2PRFIN20060218_235122_000000422045_00173_20768_8838.N1	18-FEB-2006 23:51:22	Twilight	42.000	155	41Pi Sgr	2.9000	6600.0	84	20768	No
321	GOM_NL__2PRFIN20060218_235303_000000412045_00173_20768_8839.N1	18-FEB-2006 23:53:03	Dark	41.000	57	34Sig Sgr	2.0660	26000.	82	20768	No
322	GOM_NL__2PRFIN20060218_235554_000000412045_00173_20768_8840.N1	18-FEB-2006 23:55:54	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	20768	No
323	GOM_NL__2PRFIN20060218_235926_000000412045_00173_20768_8841.N1	18-FEB-2006 23:59:26	Dark	40.500	40	The Sco	1.8590	7100.0	81	20768	No

### 3. Quality information per product

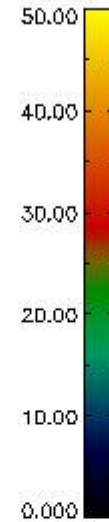
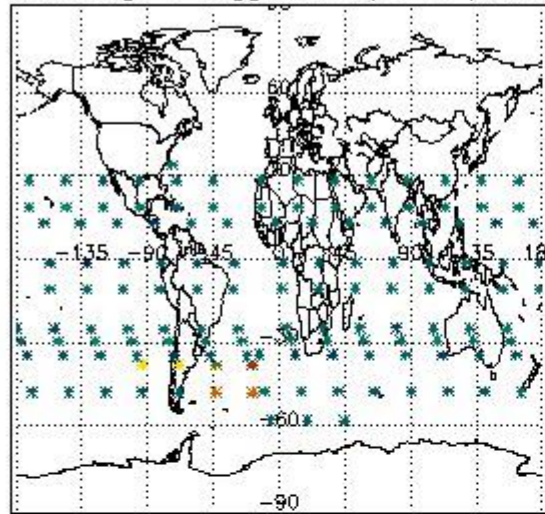
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

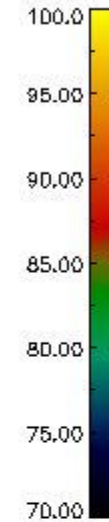
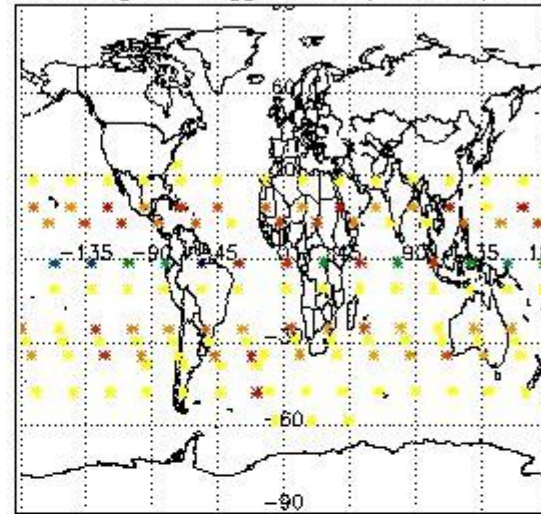


3.2 Plot quality information per product (world map)

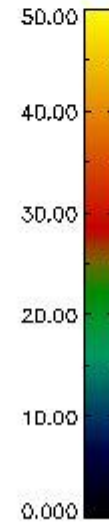
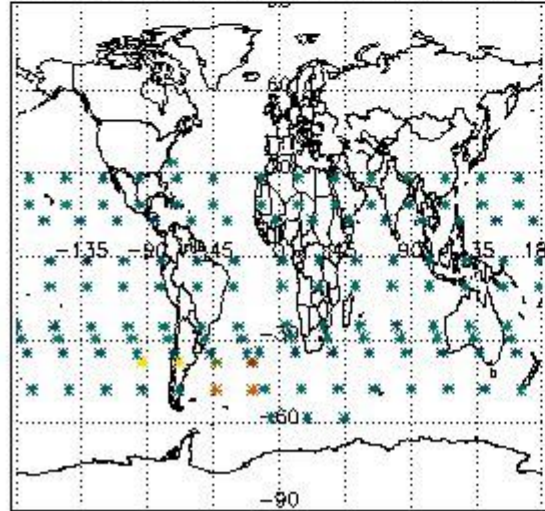
Percentage of flagged data per O3 profile



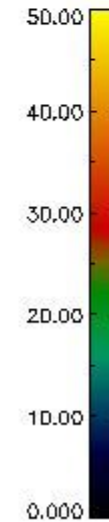
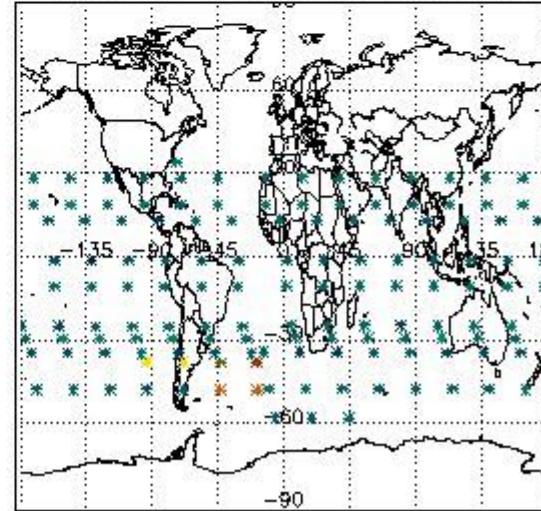
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

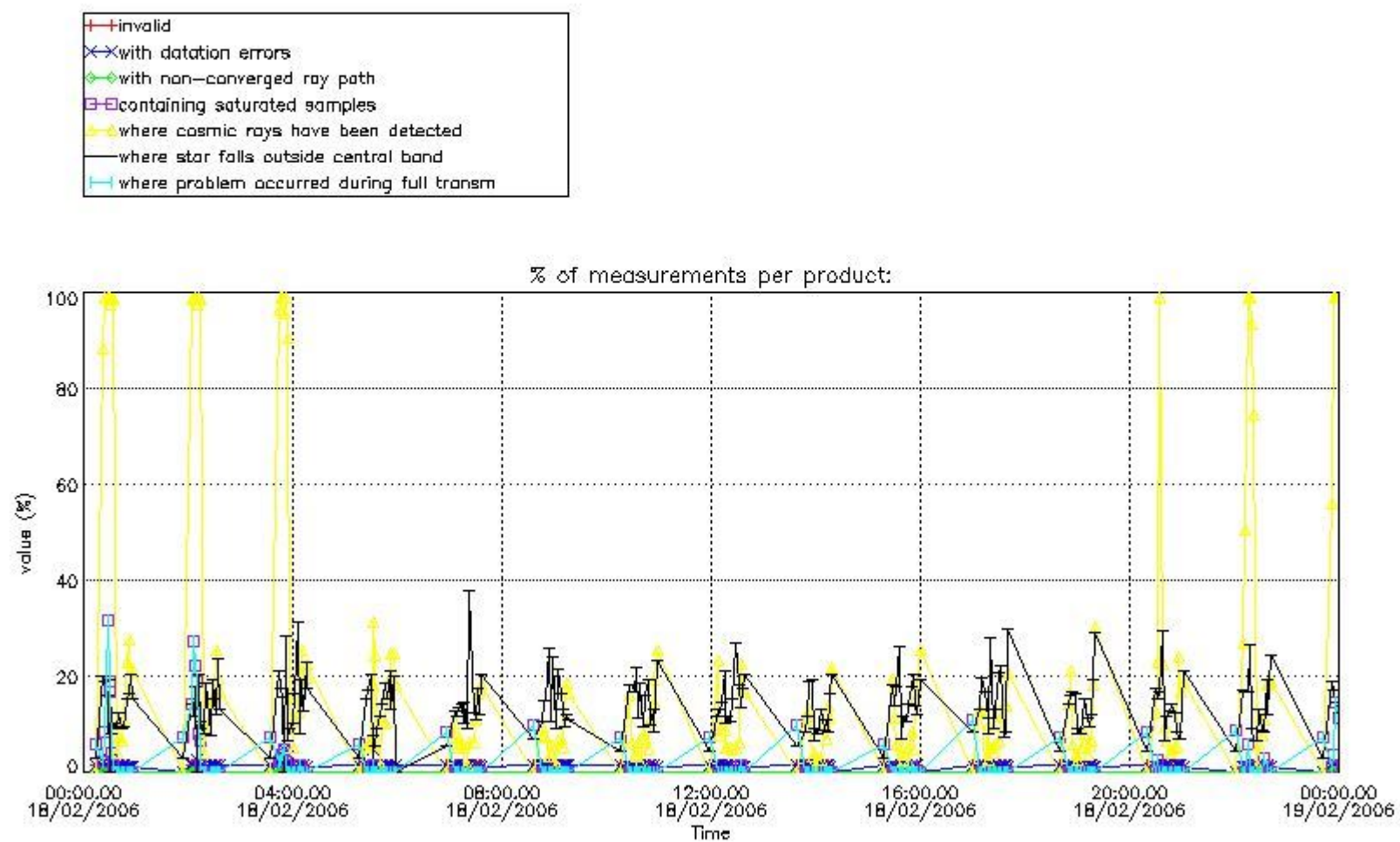


#### 4. Level 1 quality information per product

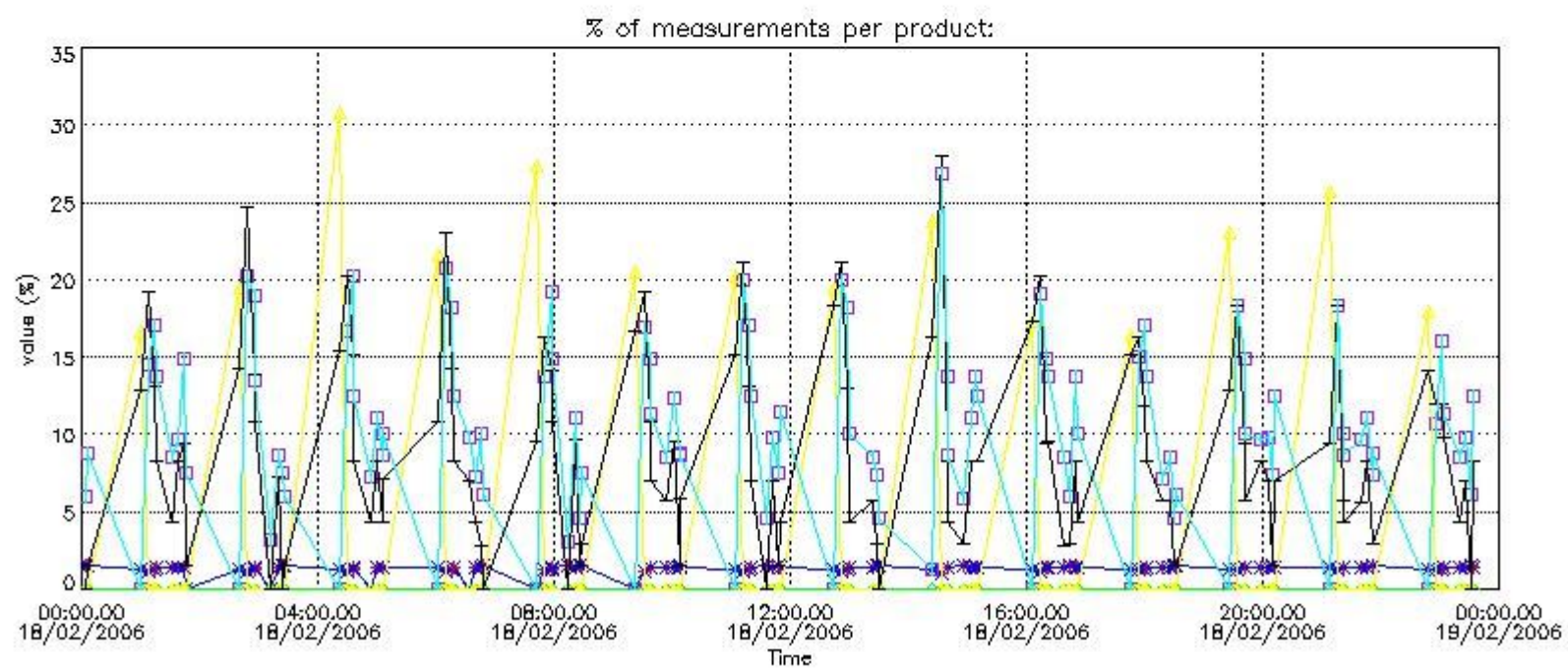
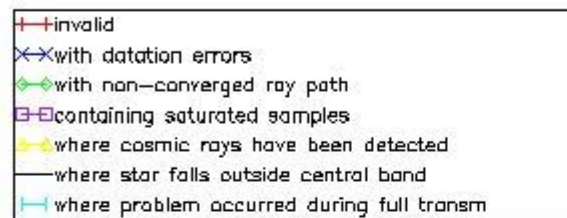
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



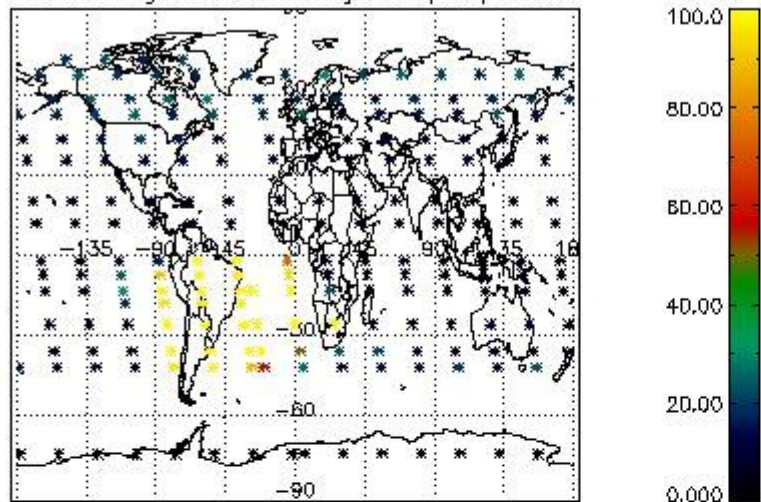
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



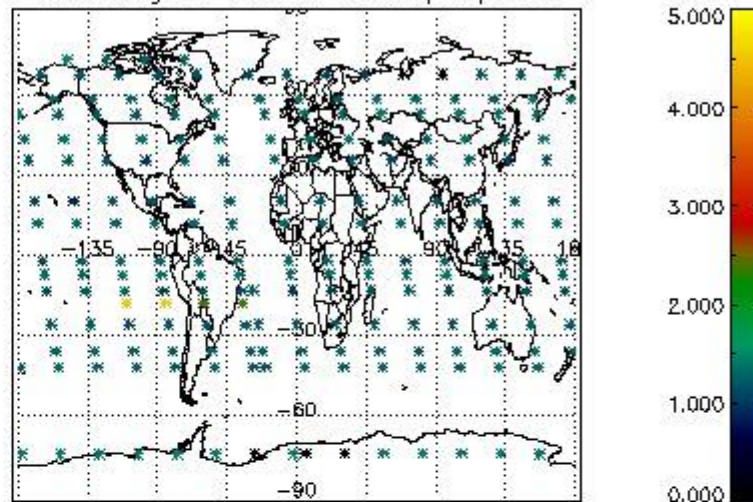
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

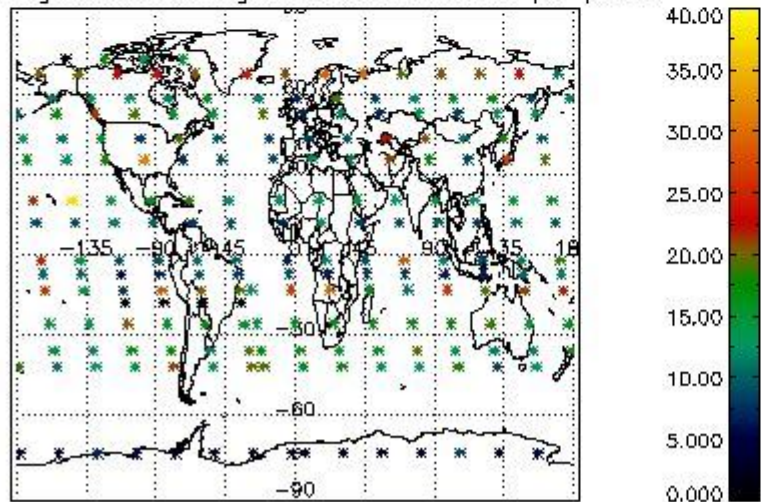
Percentage of cosmic ray hits per profile



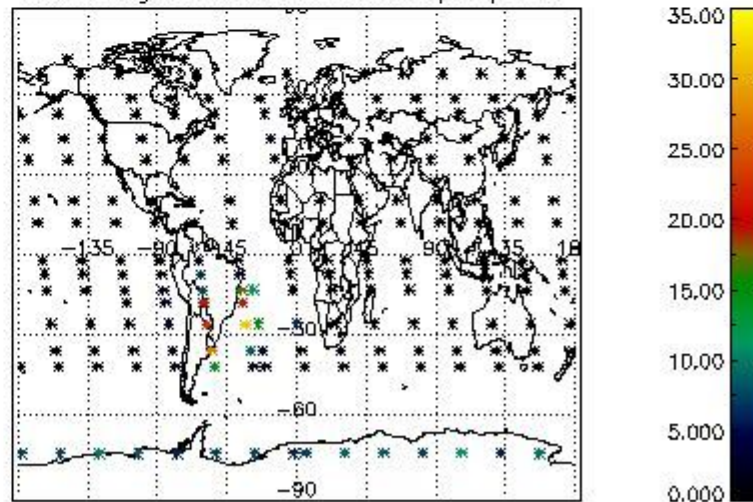
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

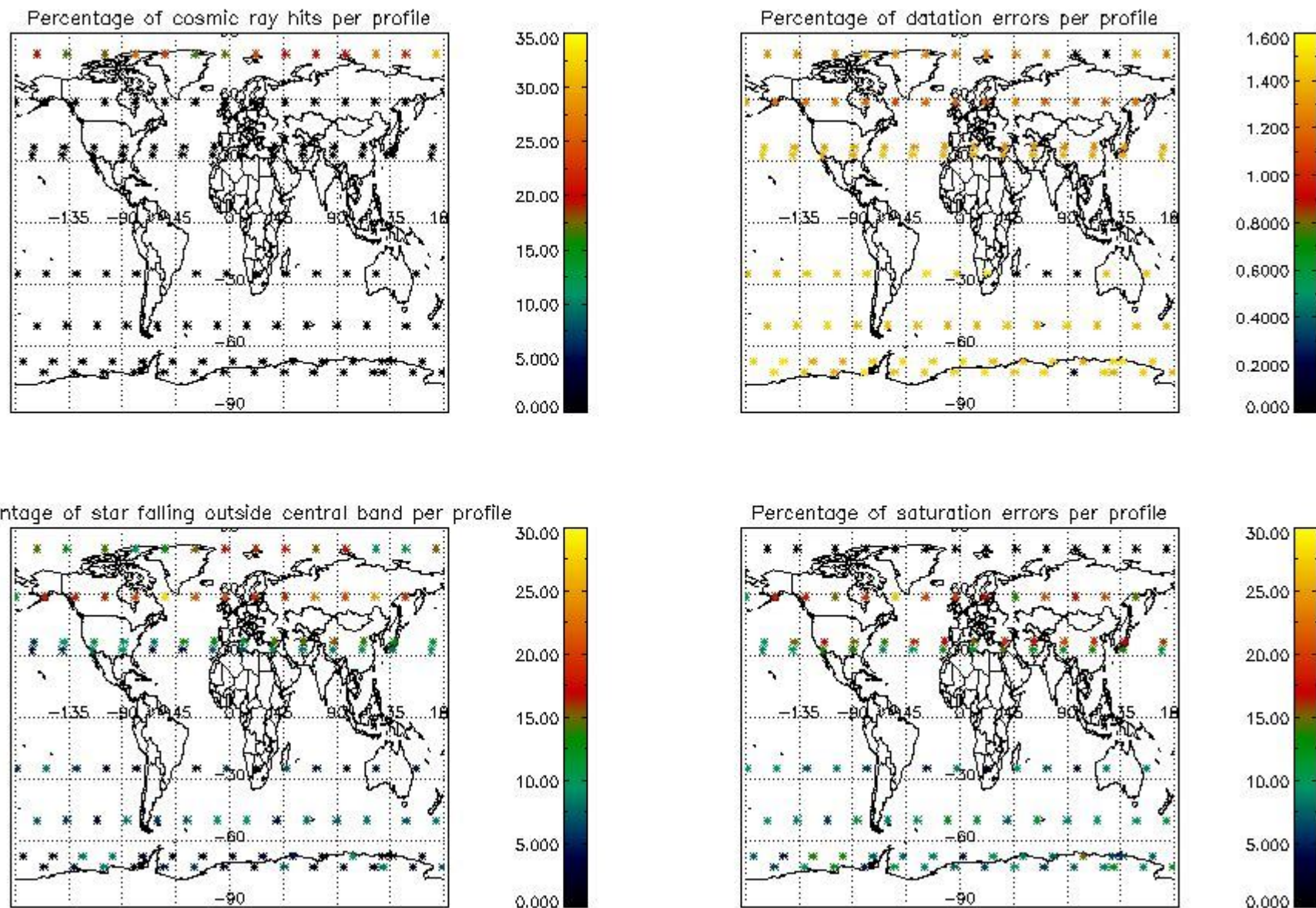


Percentage of saturation errors per profile



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

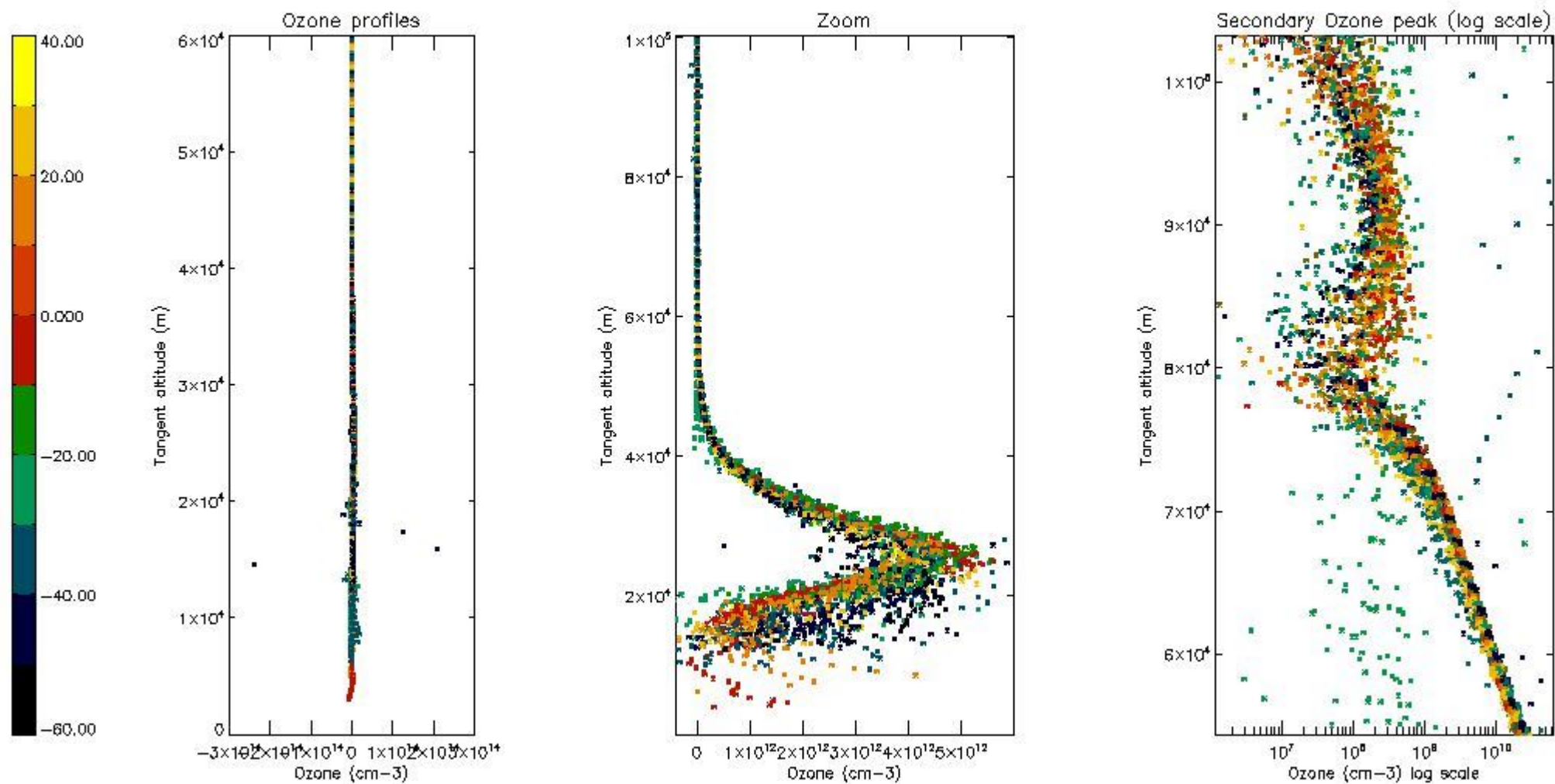
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	25

STD < 10	19
STD < 5	12

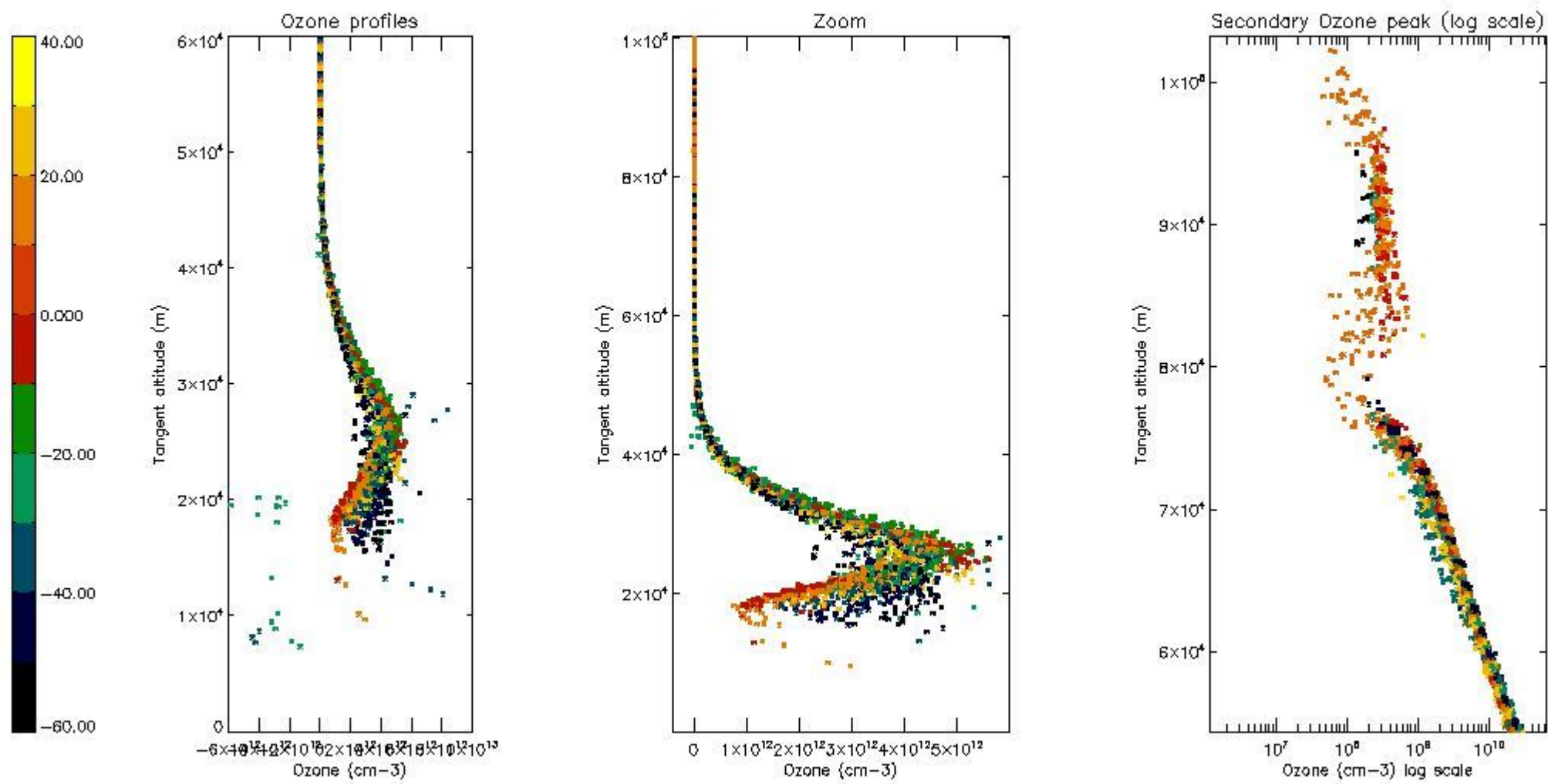
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



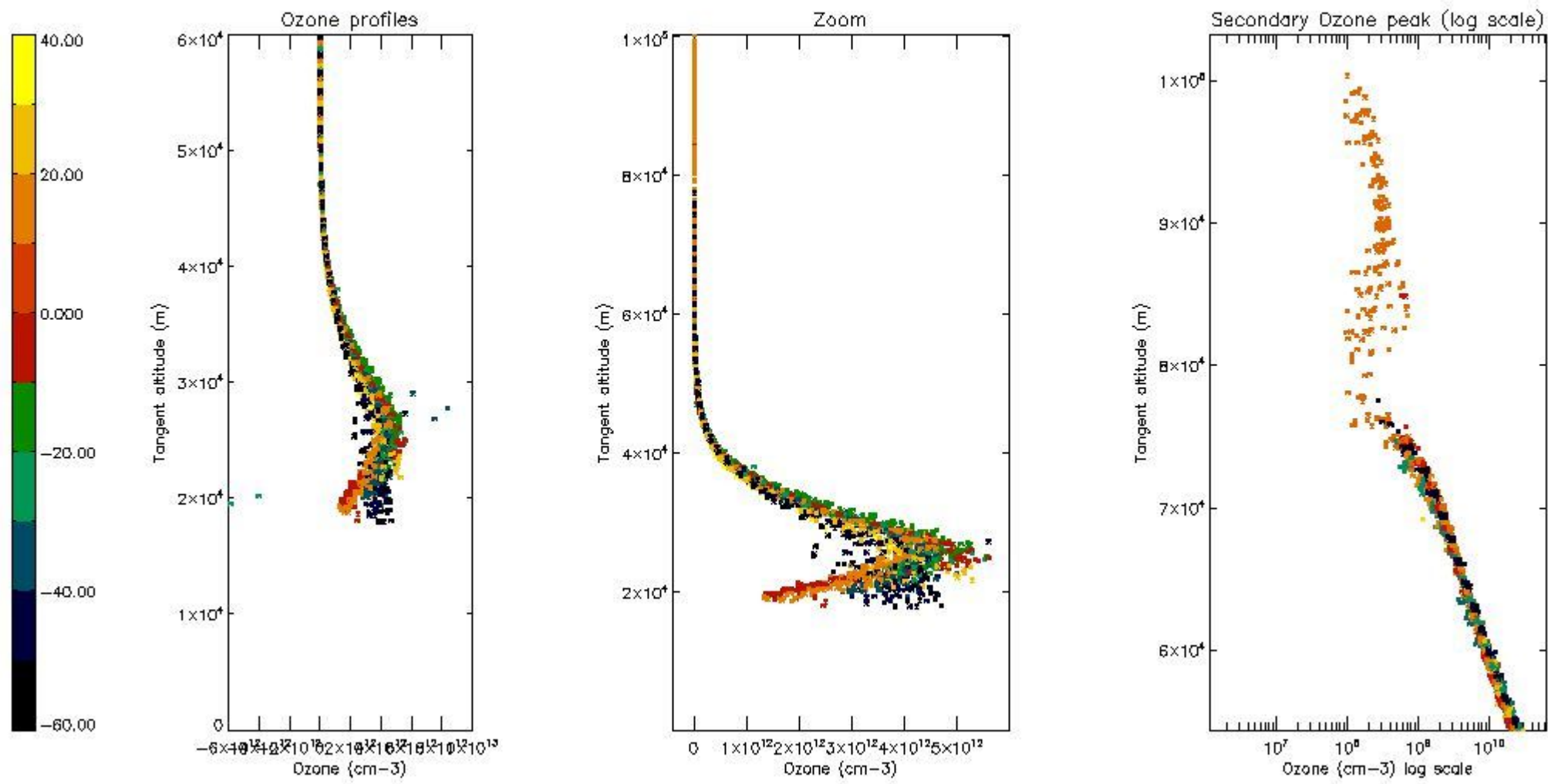
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



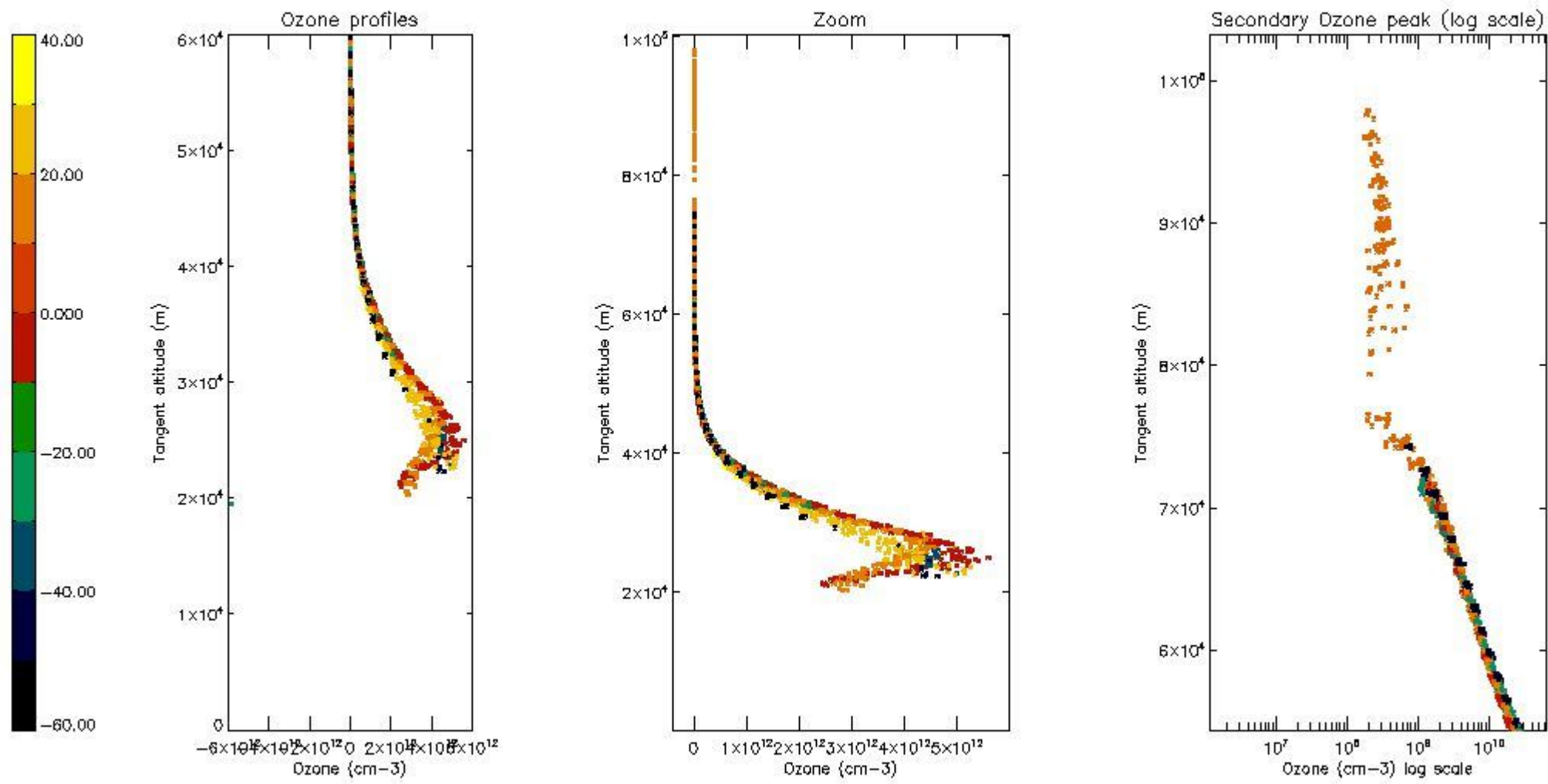
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



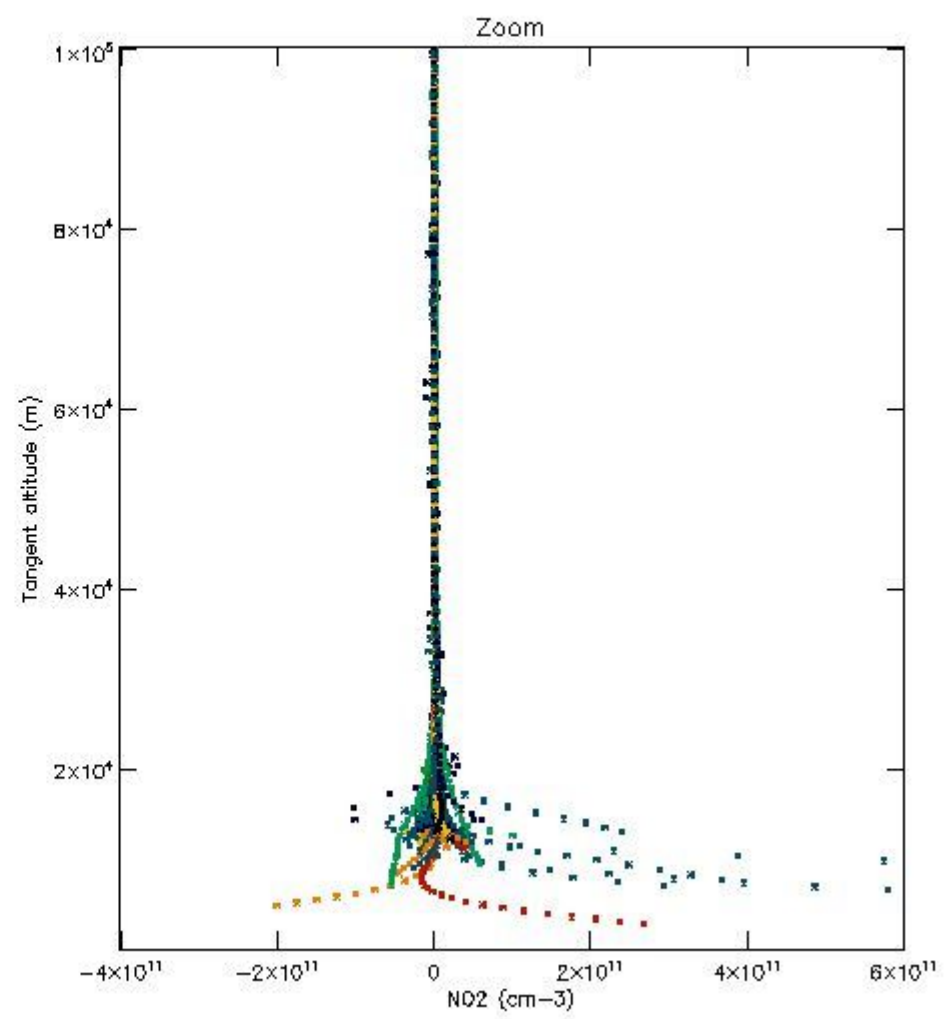
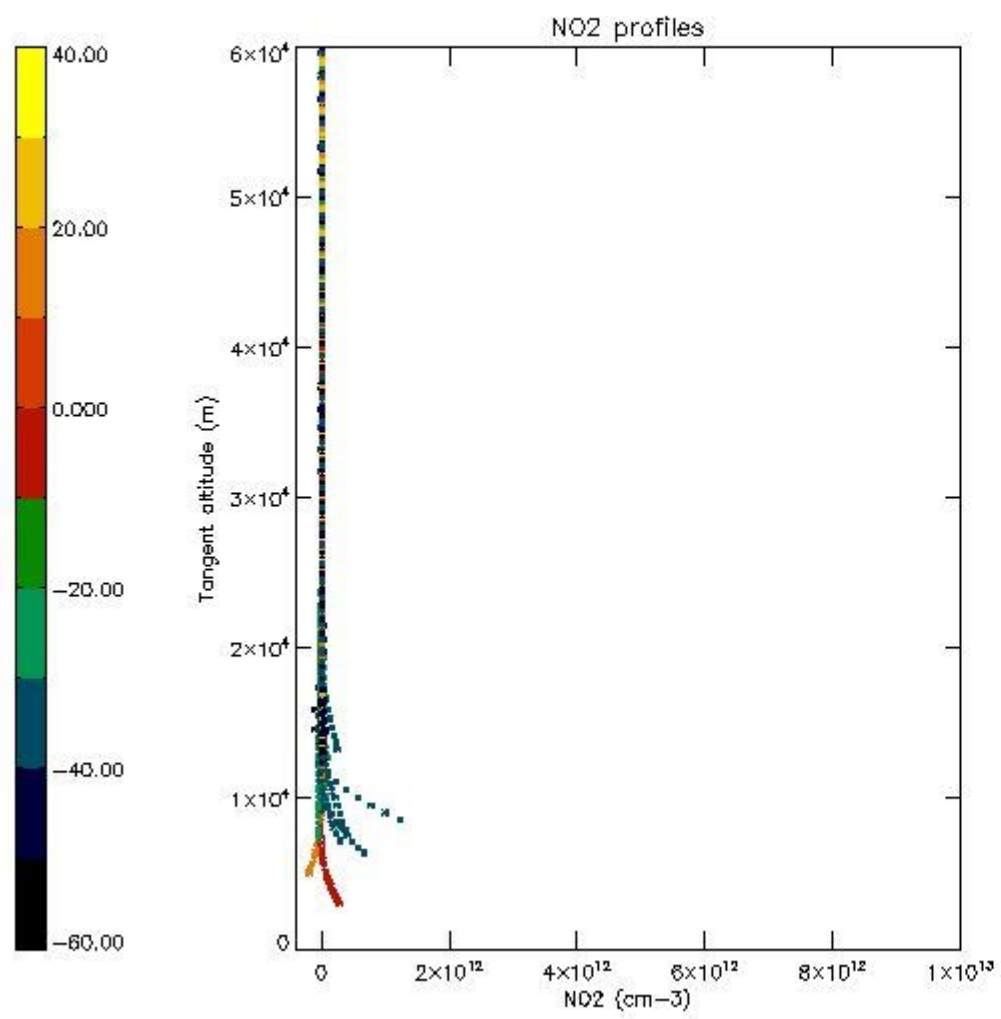
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



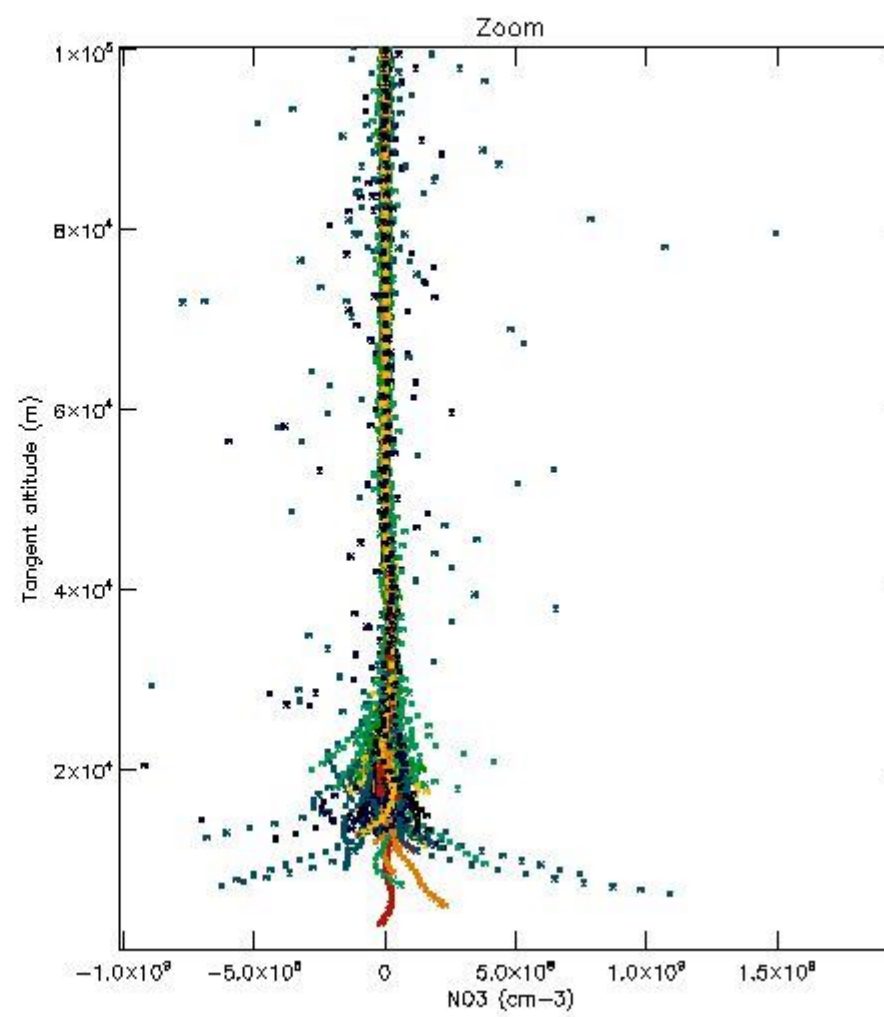
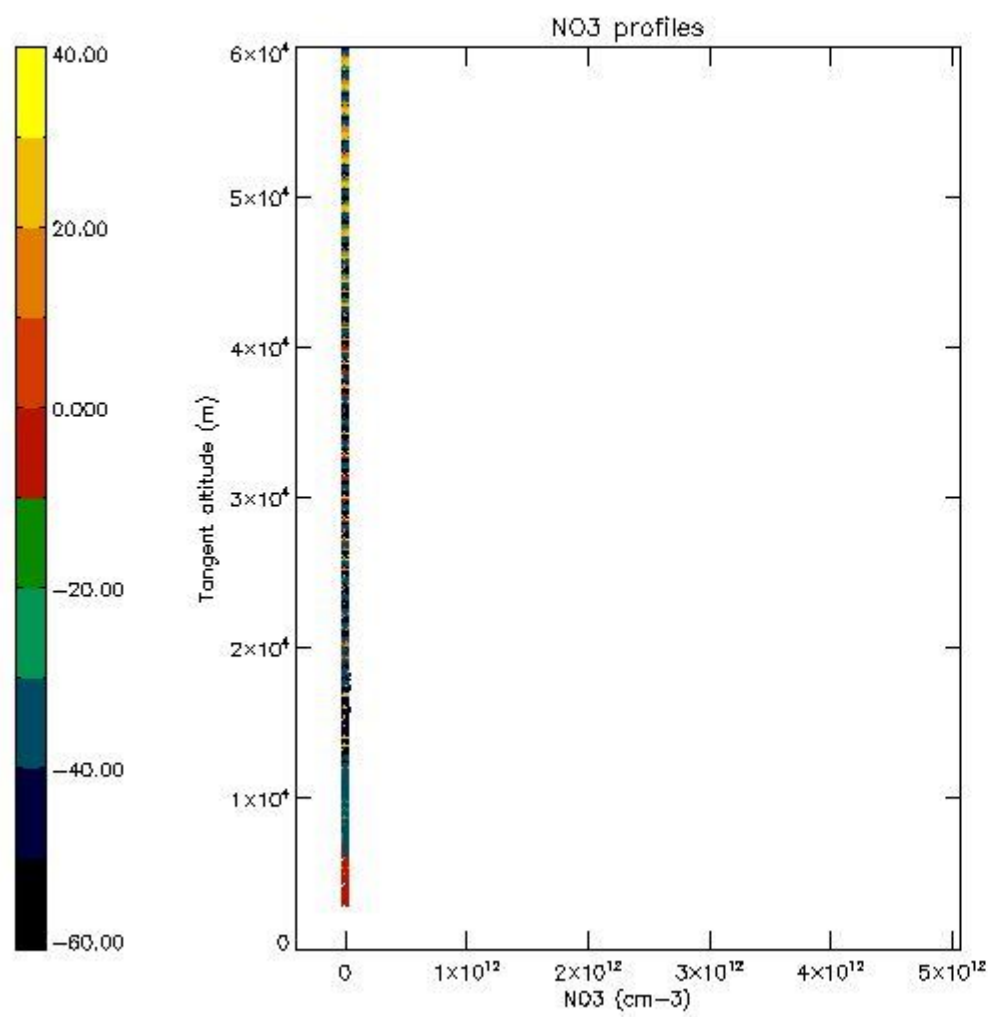
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



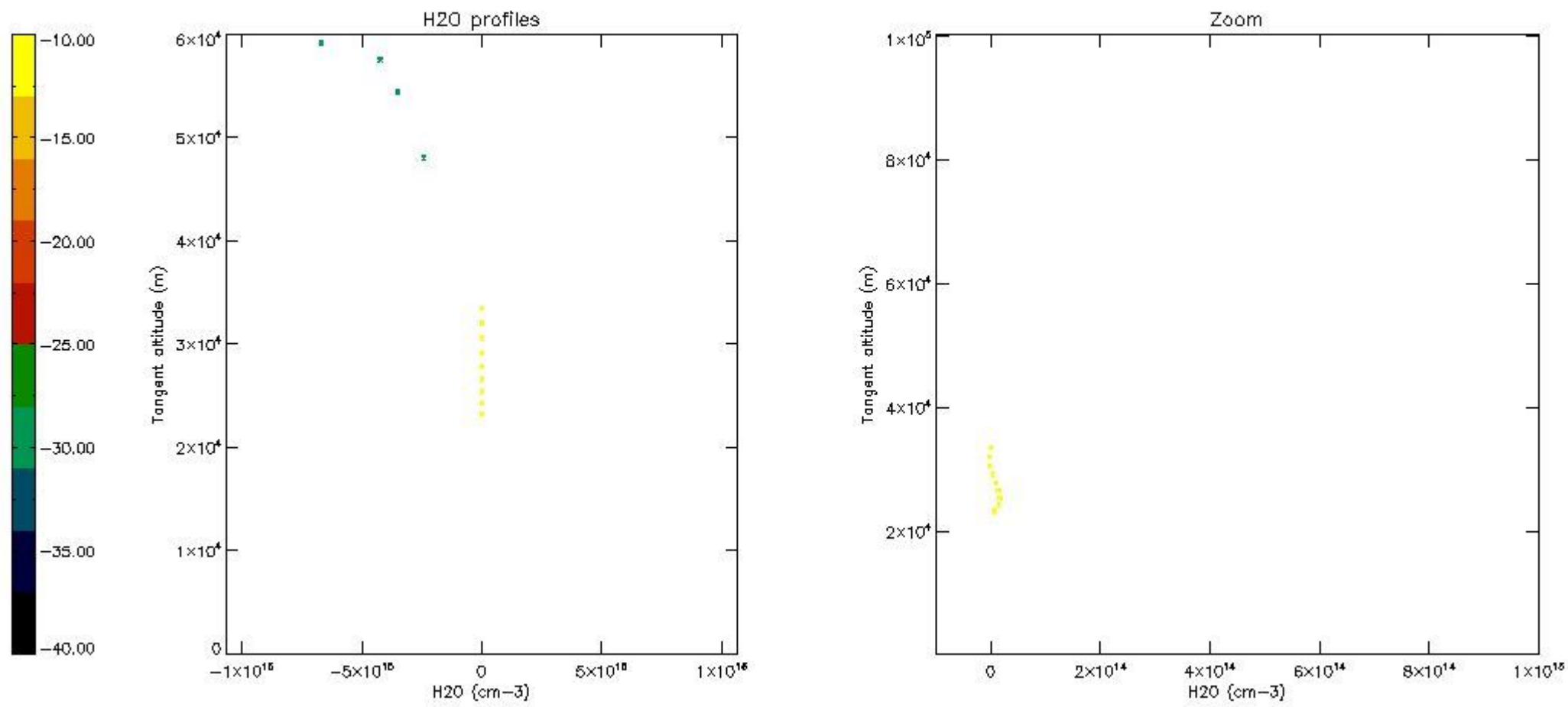
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

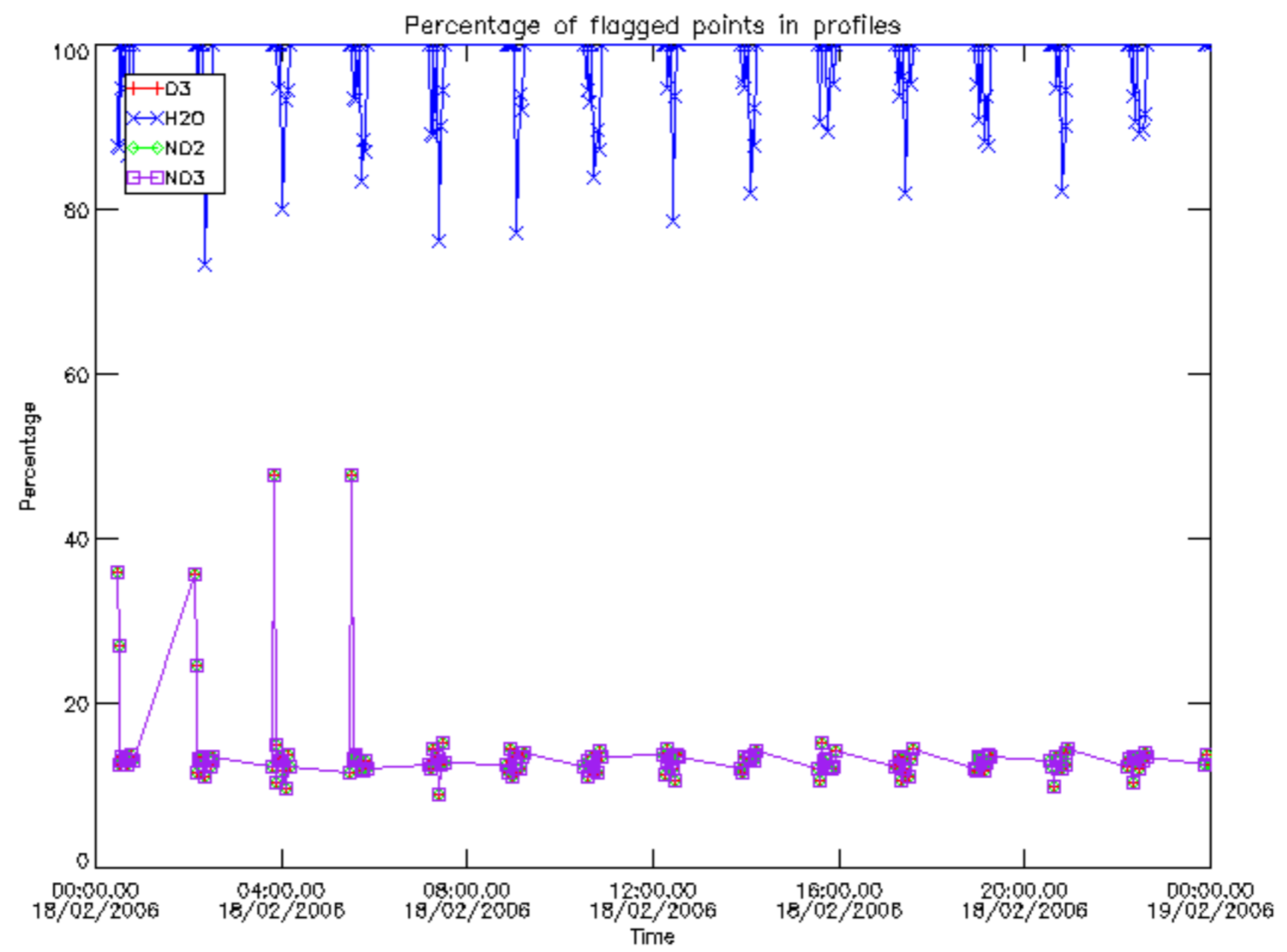


## 6. Auxiliary Data Files used for the production reported in section 2

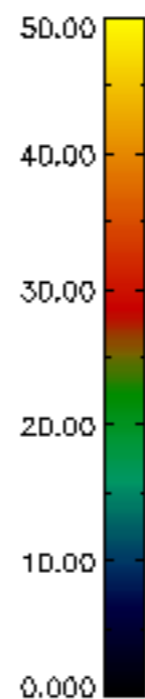
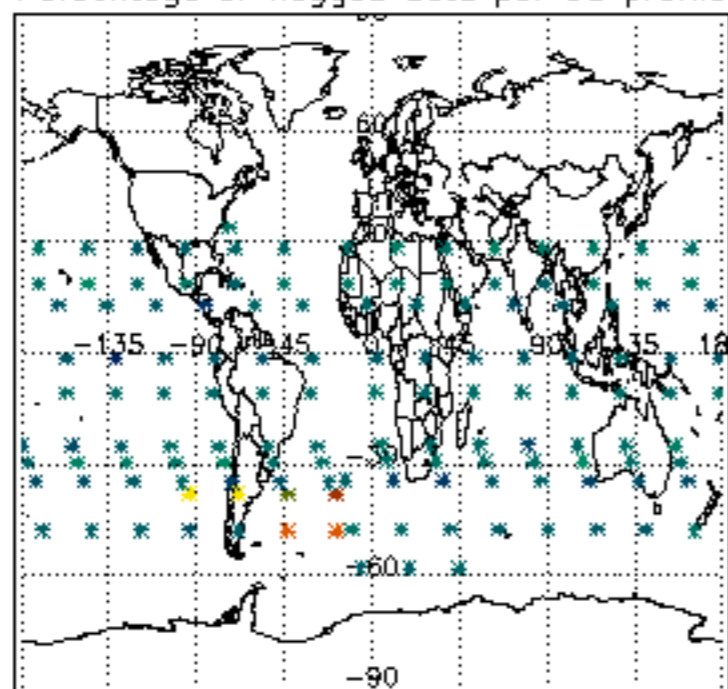
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-FEB-2006 00:03:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-FEB-2006 00:03:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-FEB-2006 00:03:30

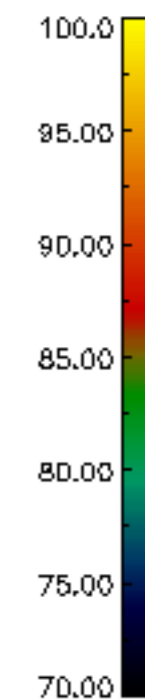
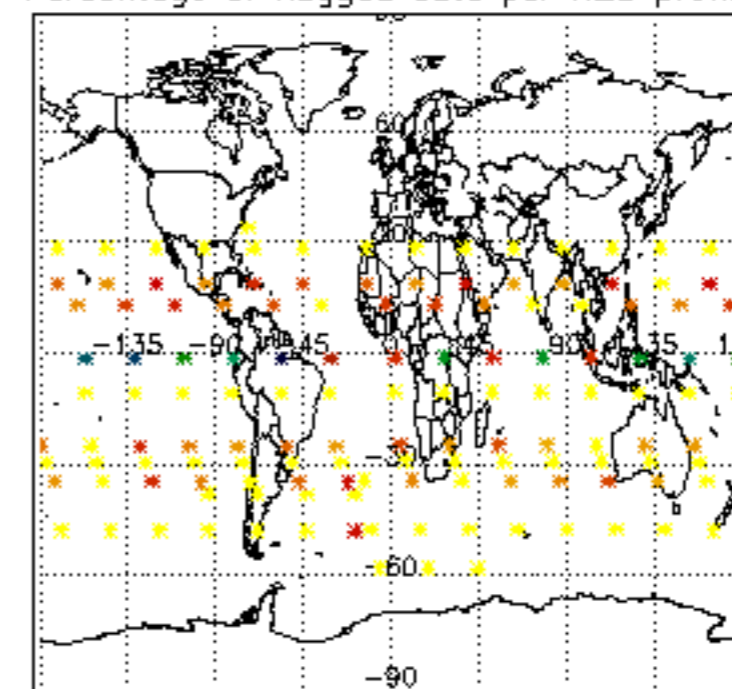




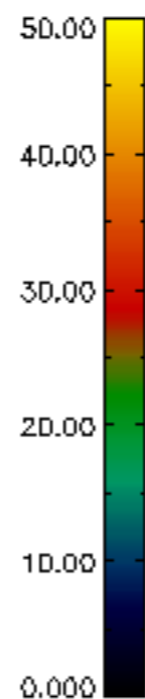
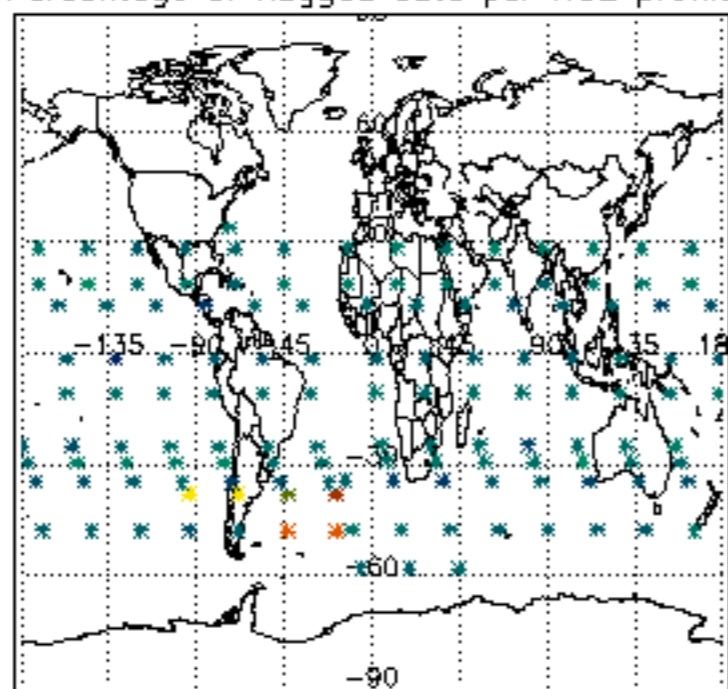
Percentage of flagged data per D3 profile



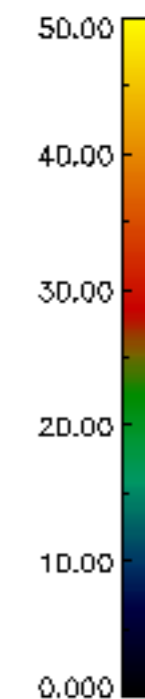
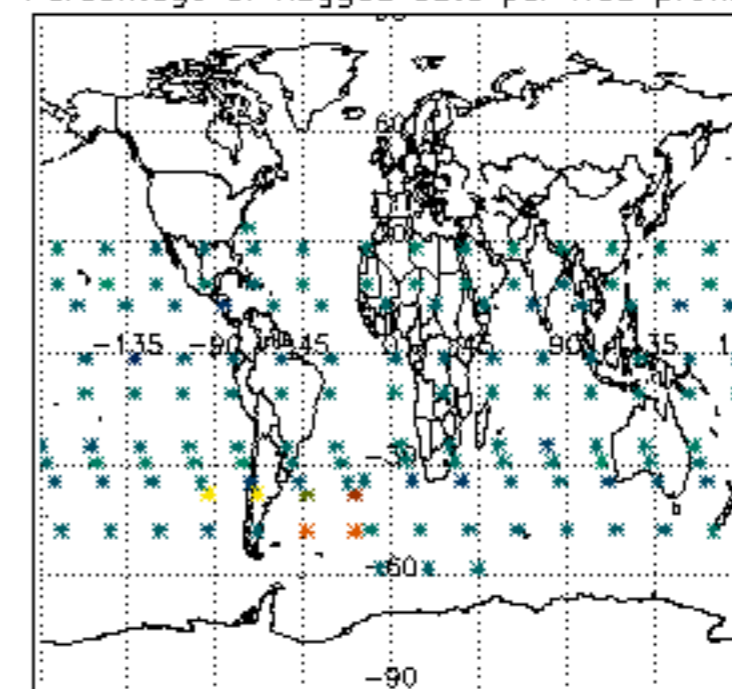
Percentage of flagged data per H2O profile

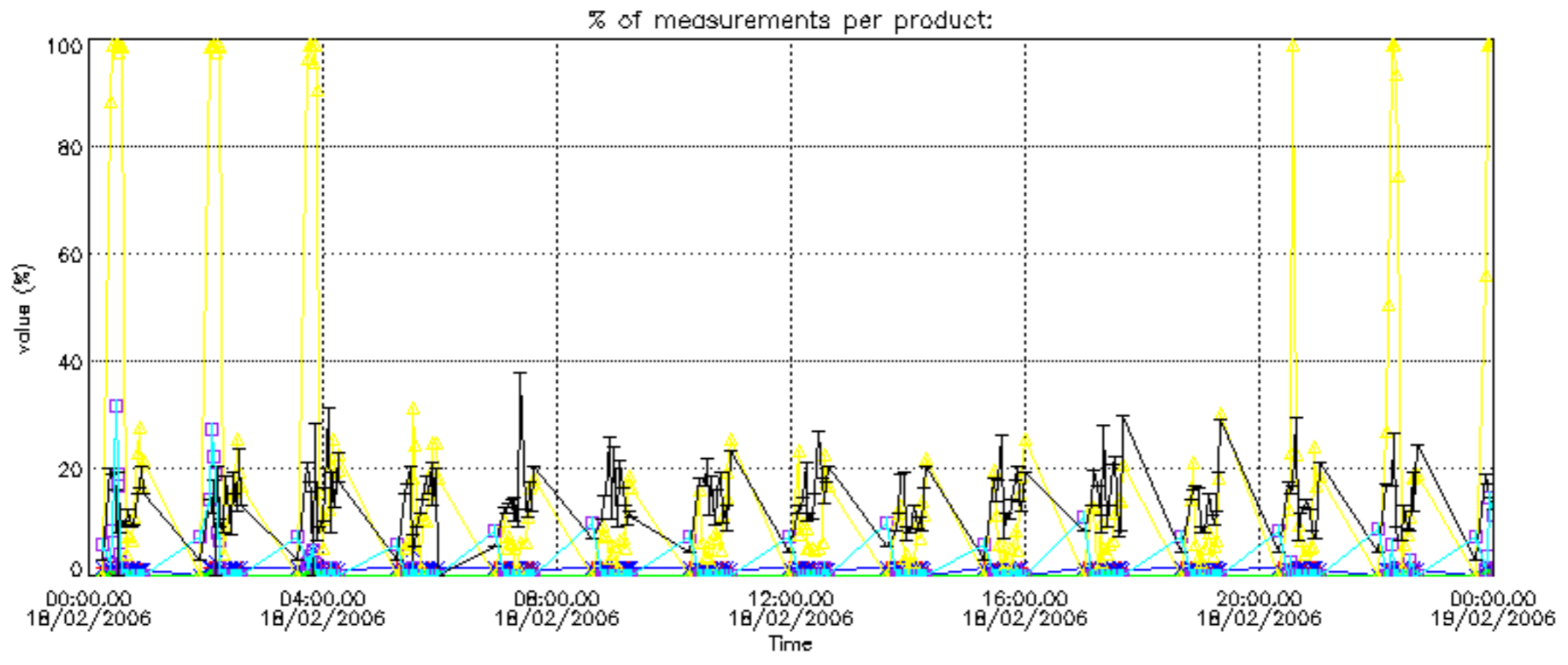


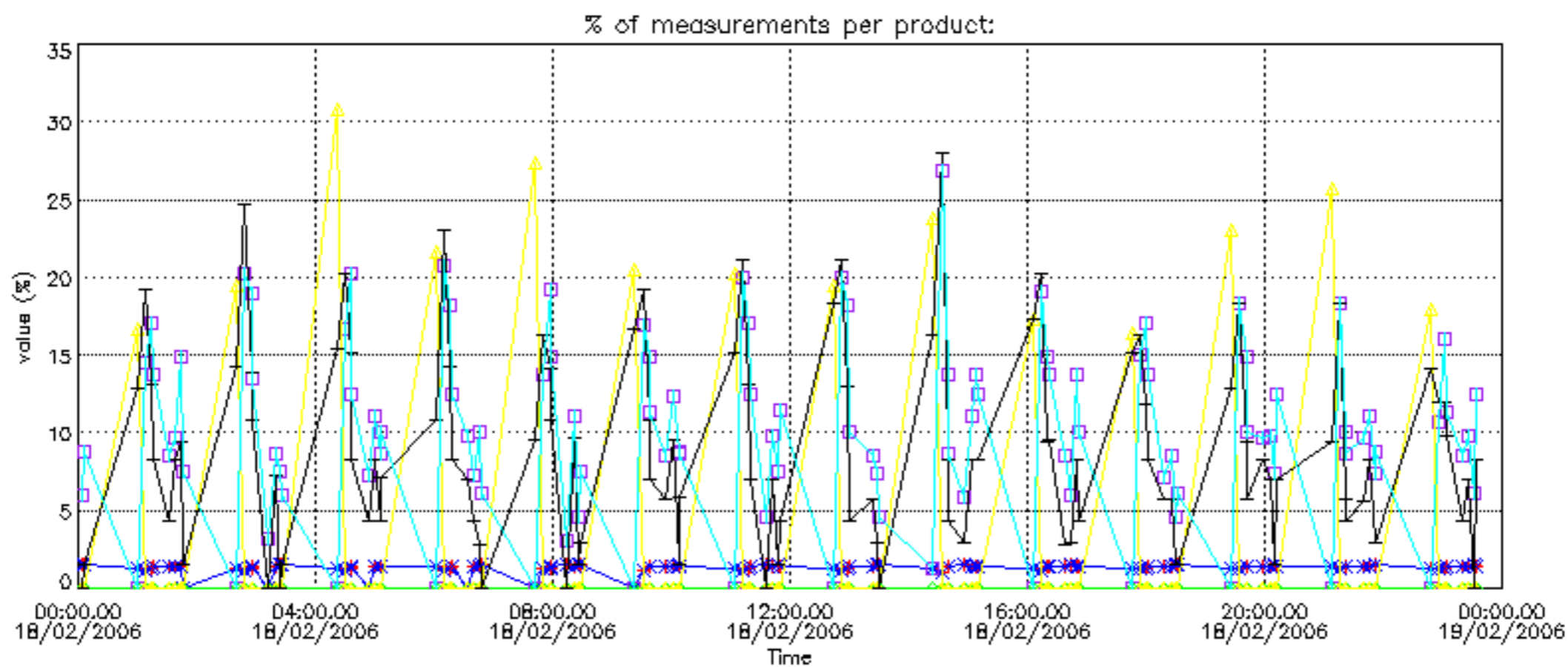
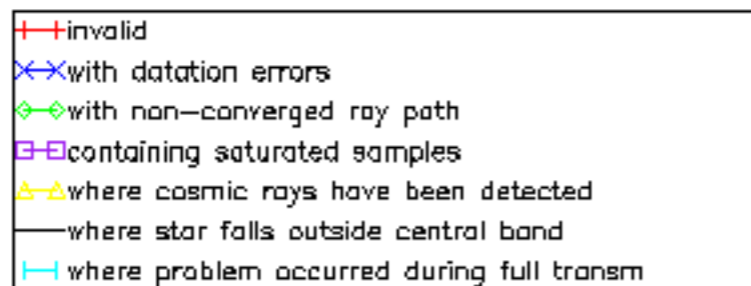
Percentage of flagged data per NO2 profile



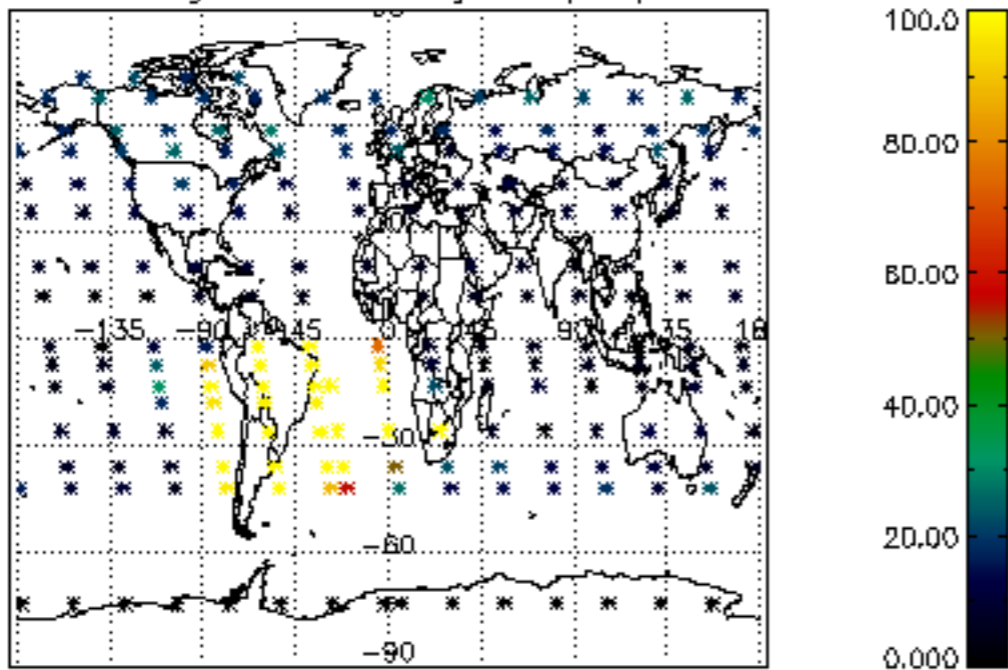
Percentage of flagged data per NO3 profile



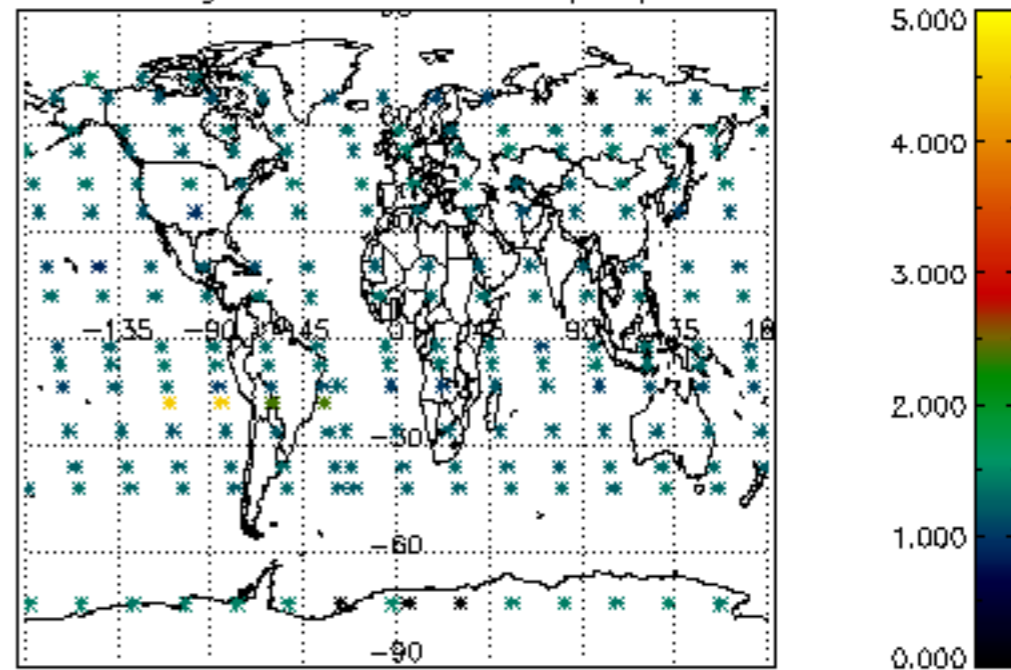




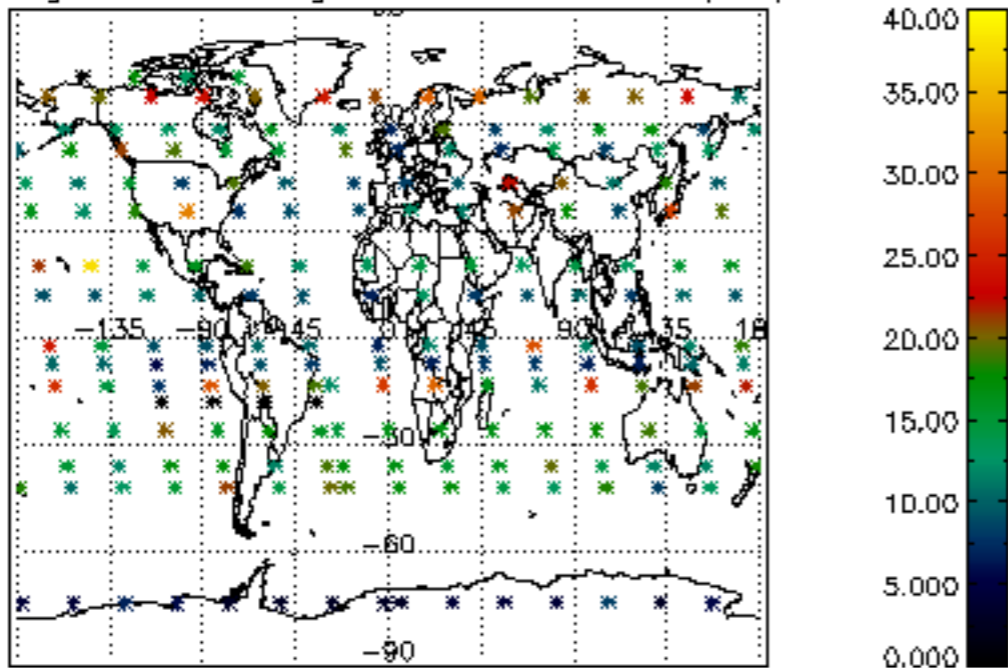
Percentage of cosmic ray hits per profile



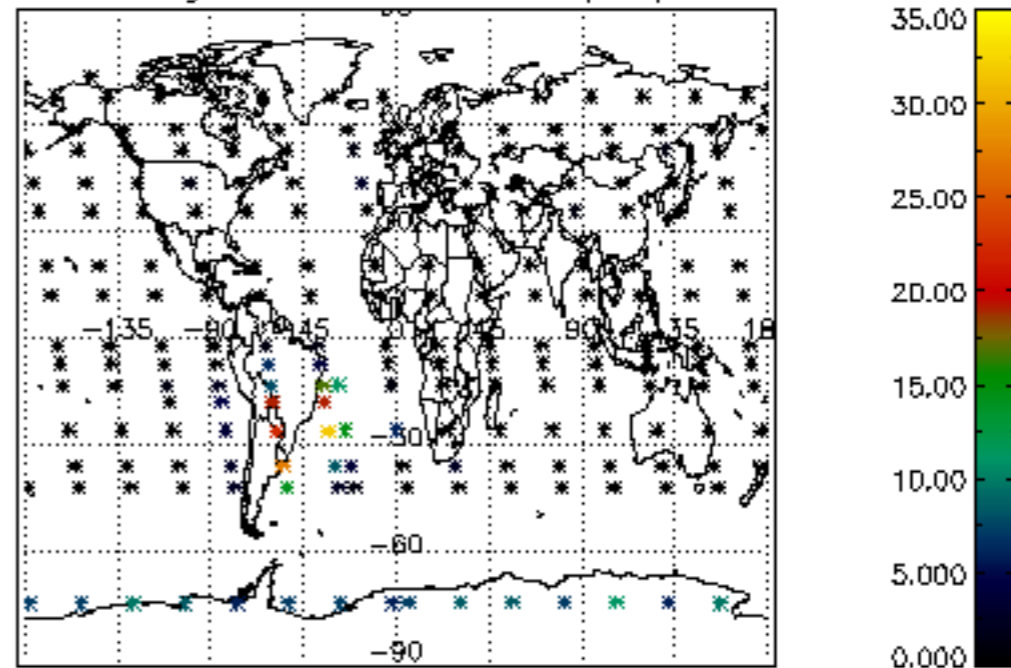
Percentage of datation errors per profile



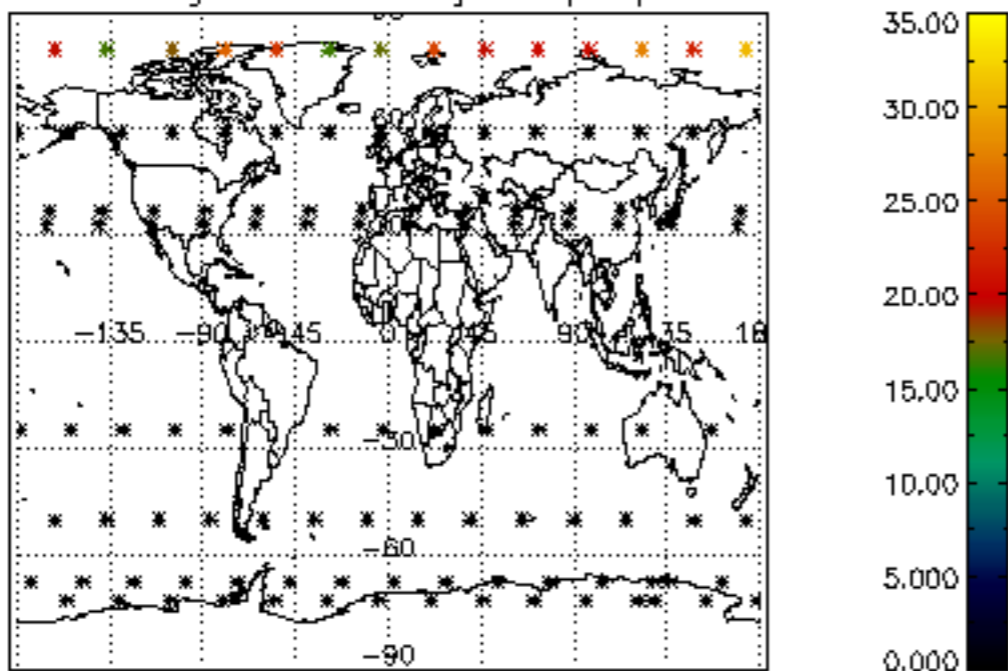
Percentage of star falling outside central band per profile



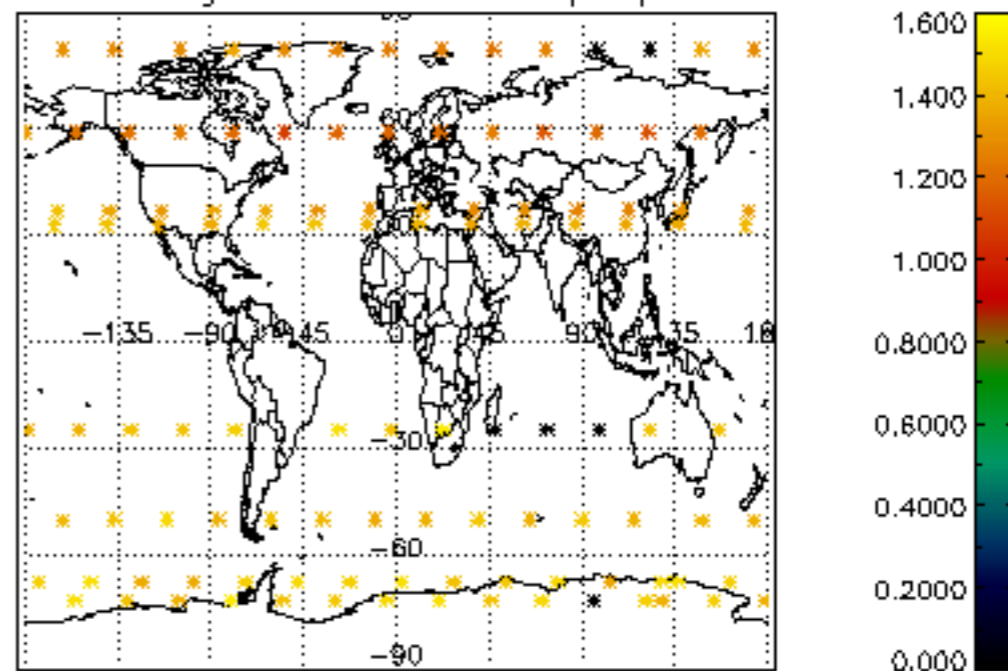
Percentage of saturation errors per profile



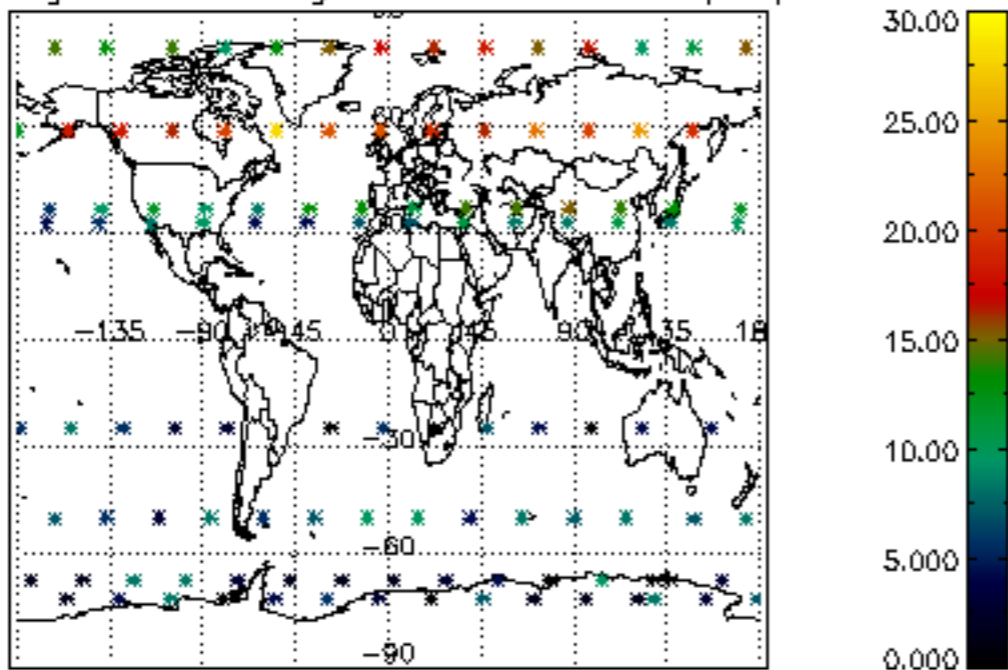
Percentage of cosmic ray hits per profile



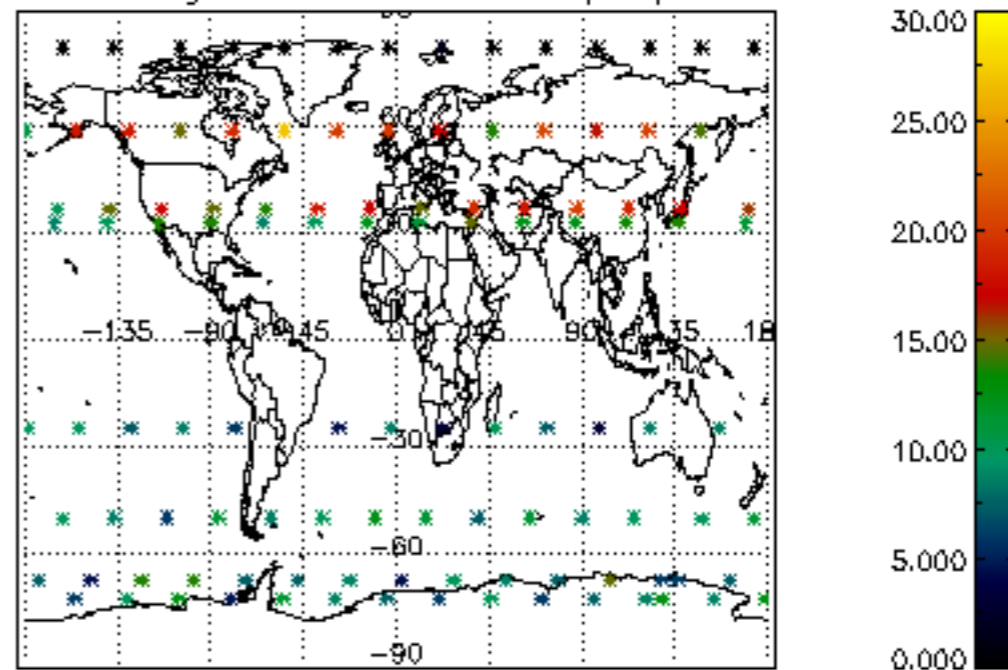
Percentage of datation errors per profile

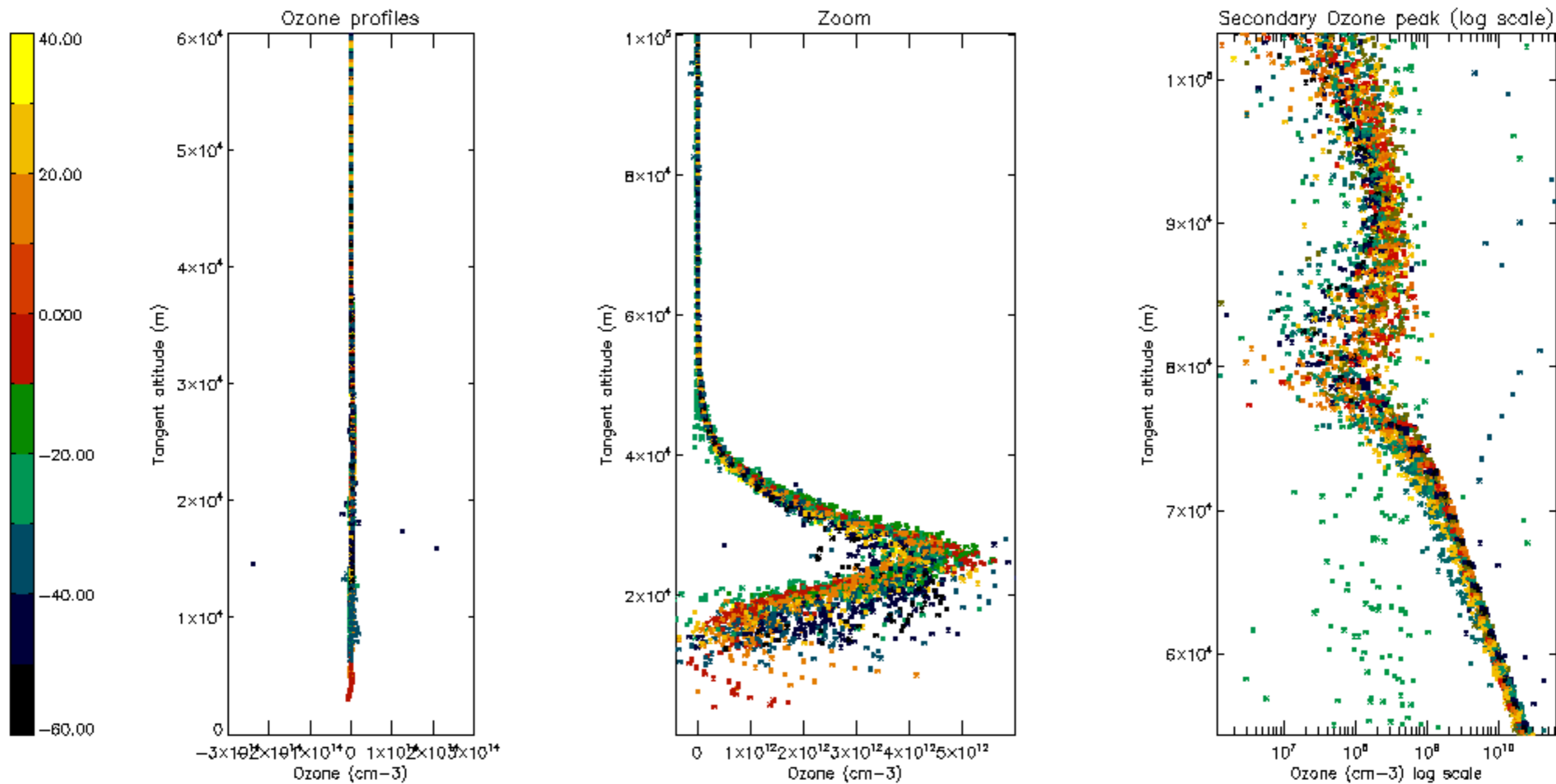


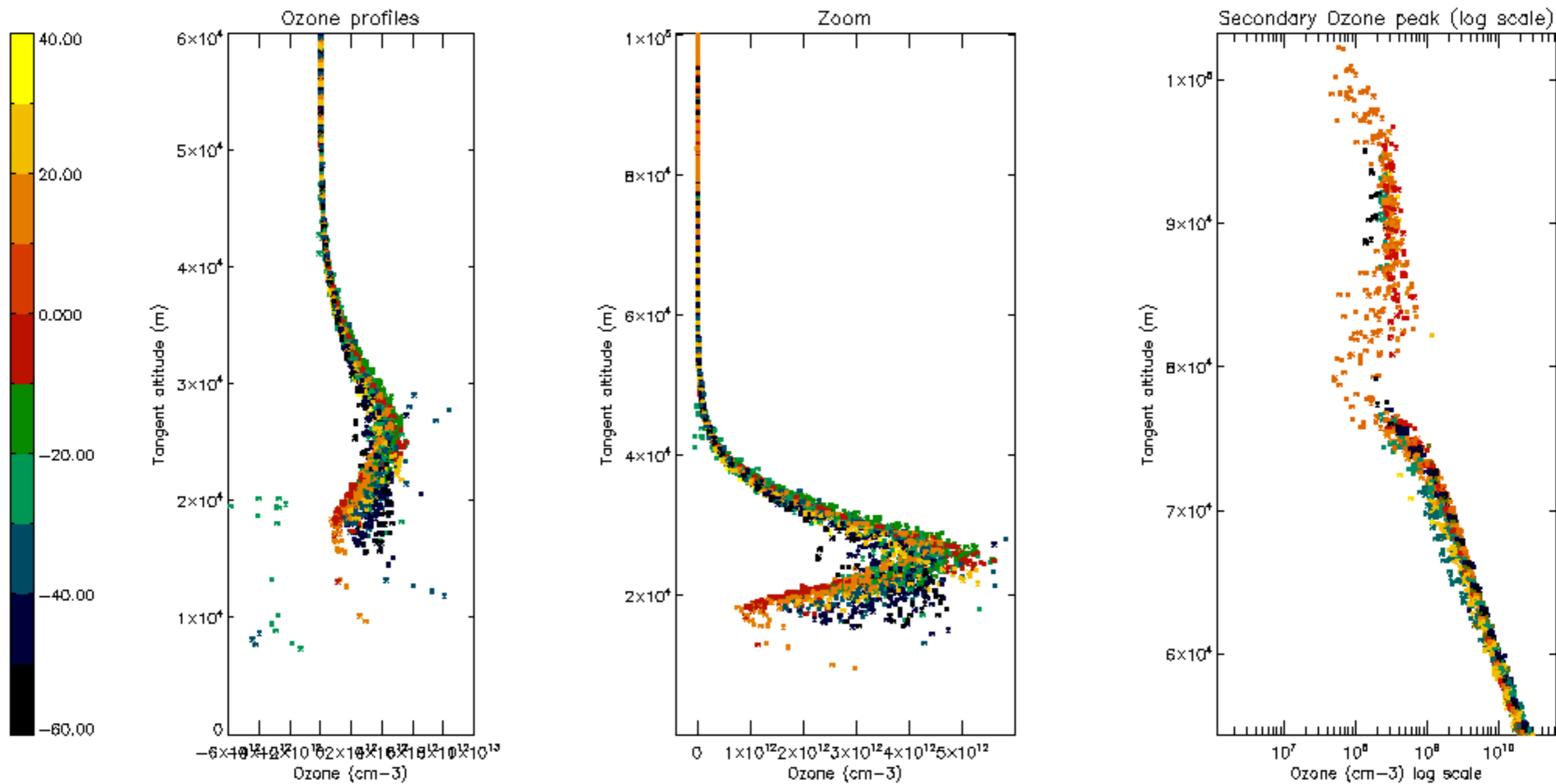
Percentage of star falling outside central band per profile



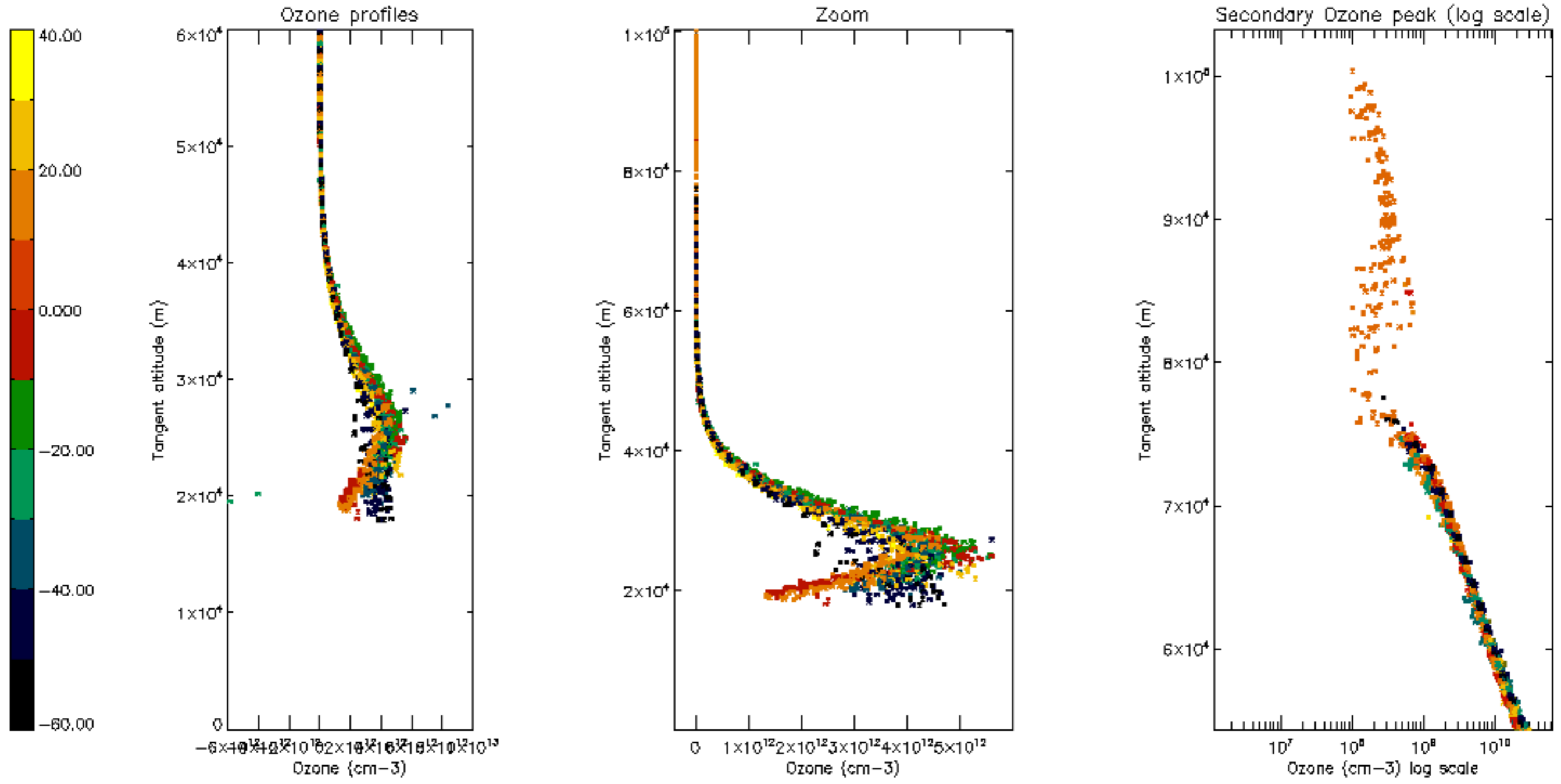
Percentage of saturation errors per profile

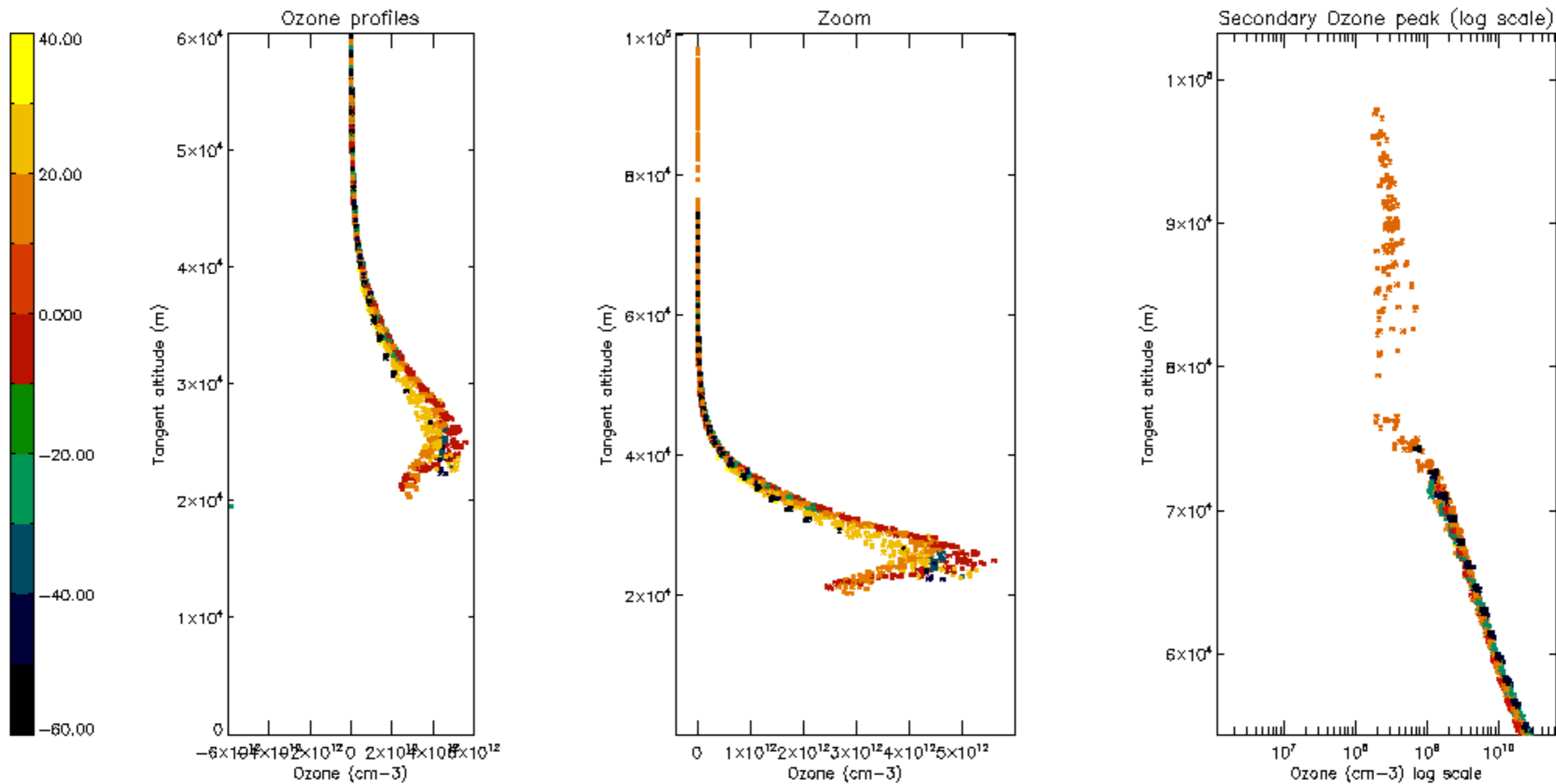


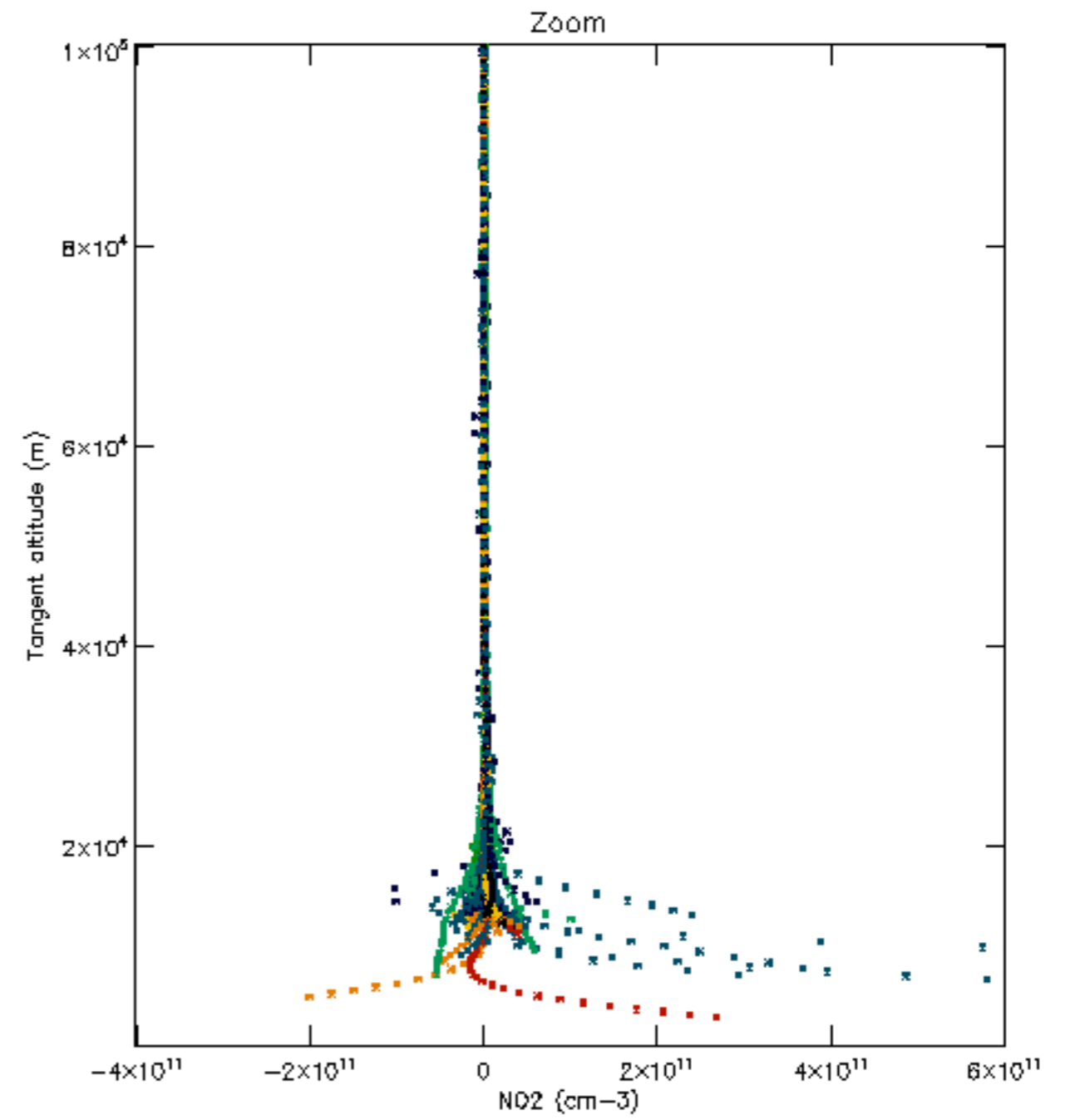
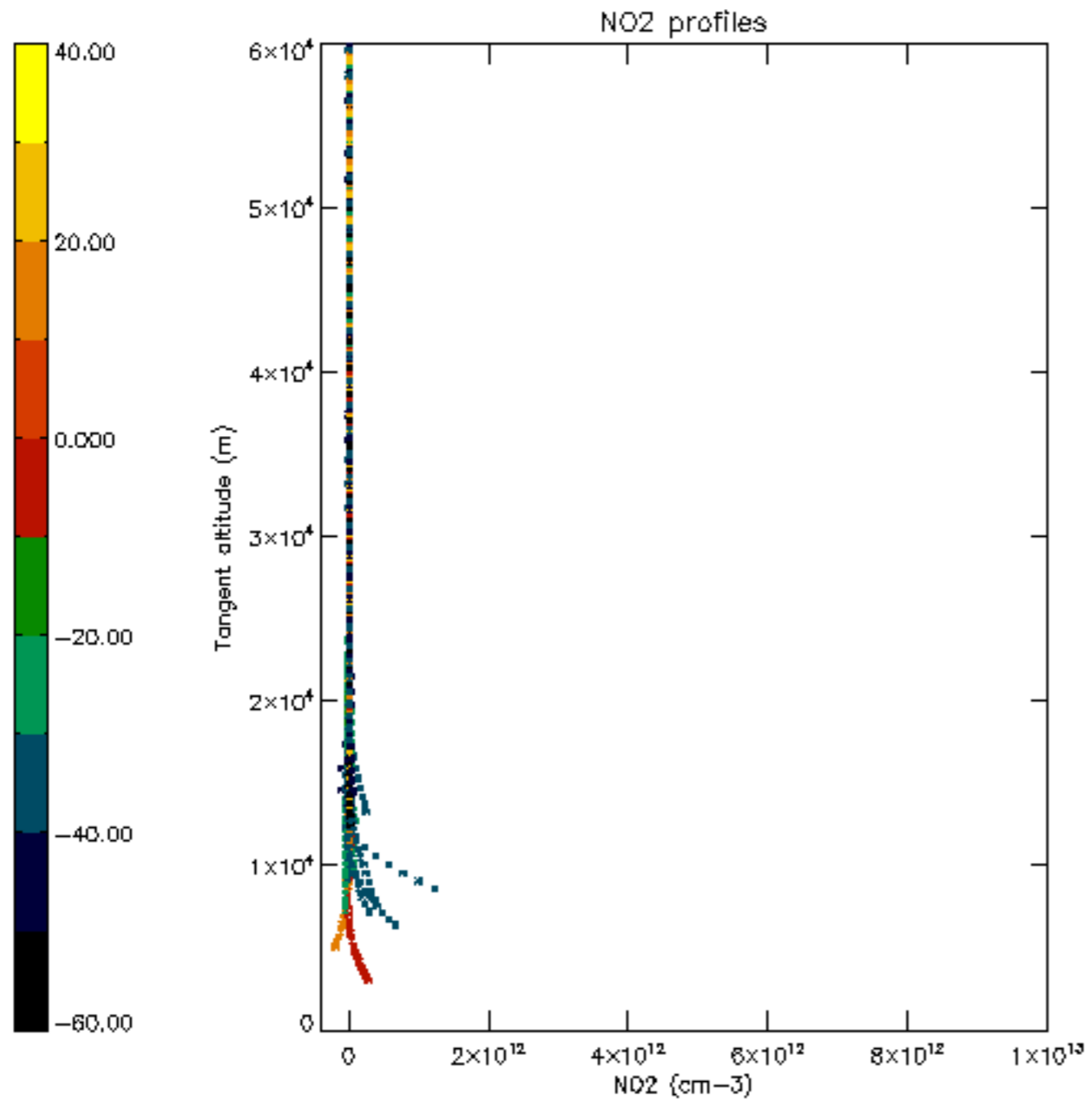


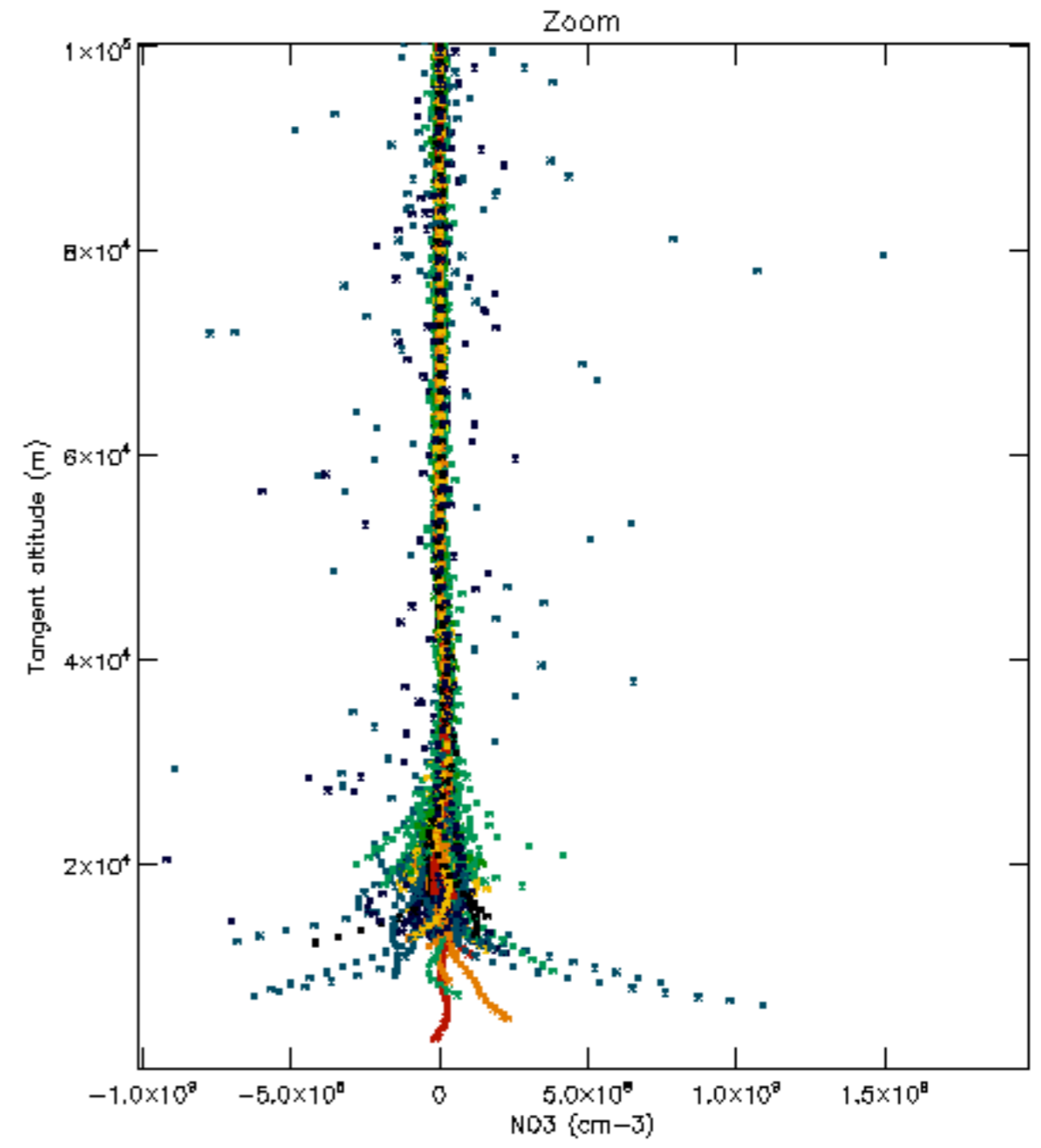
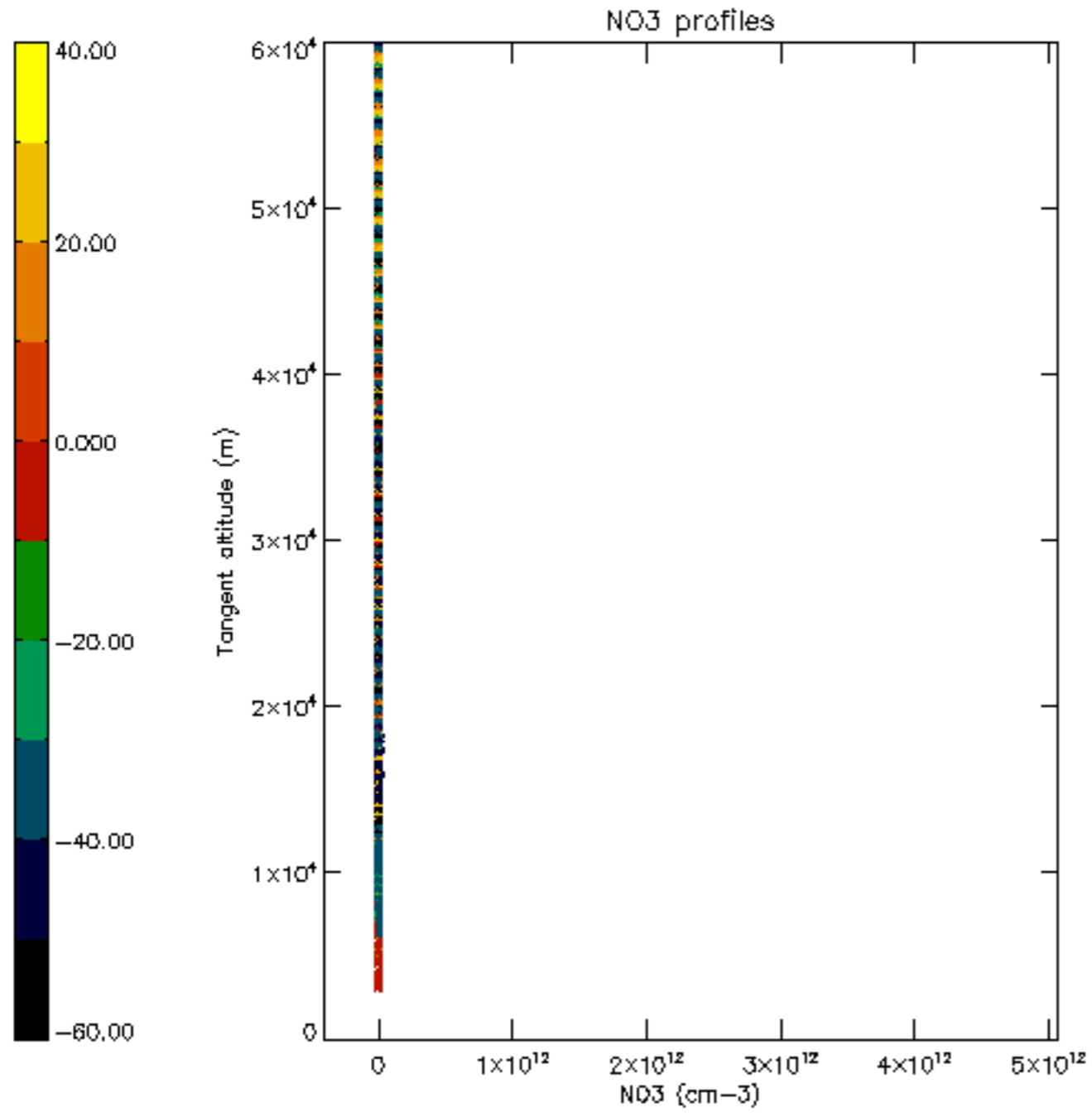


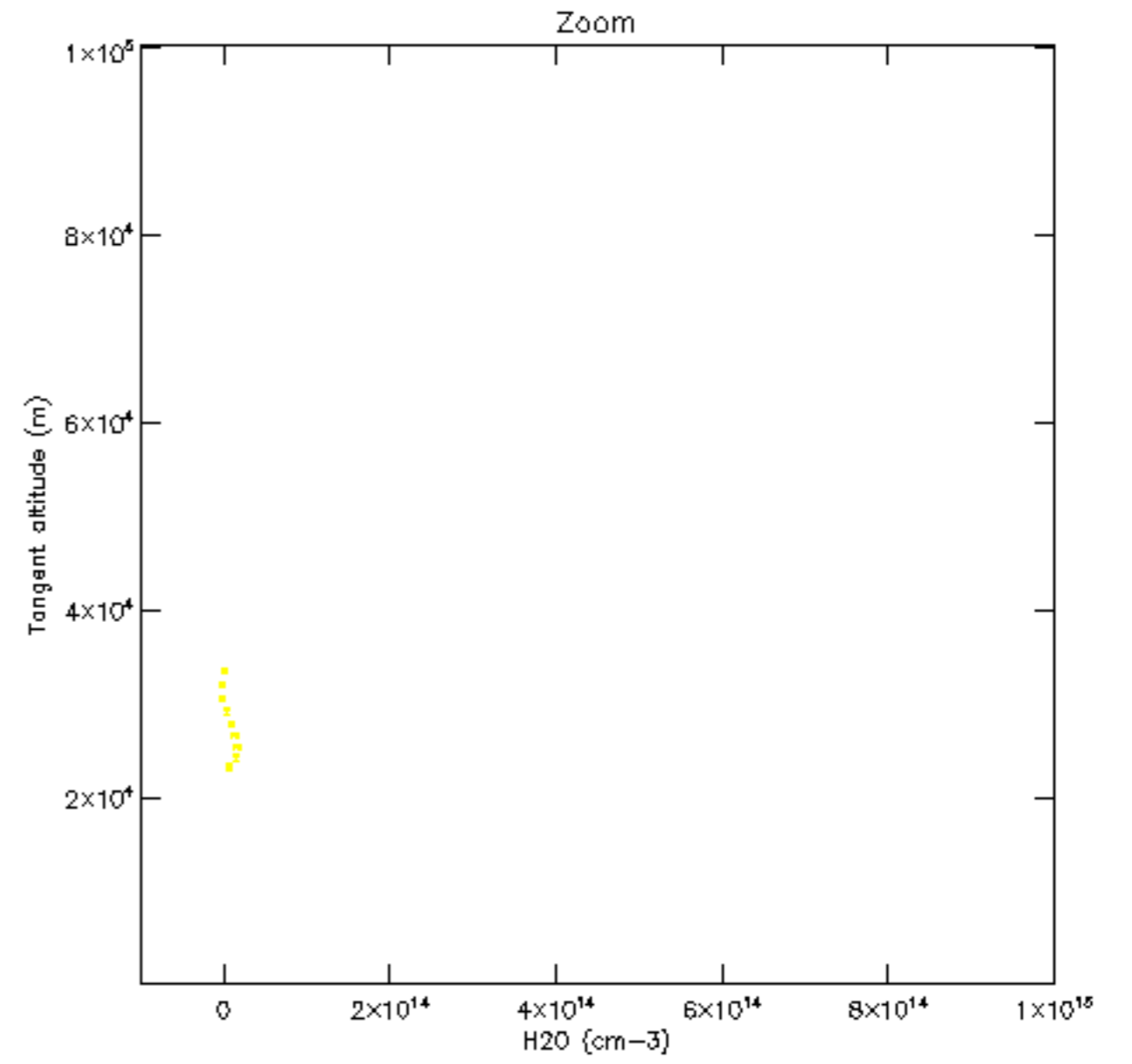
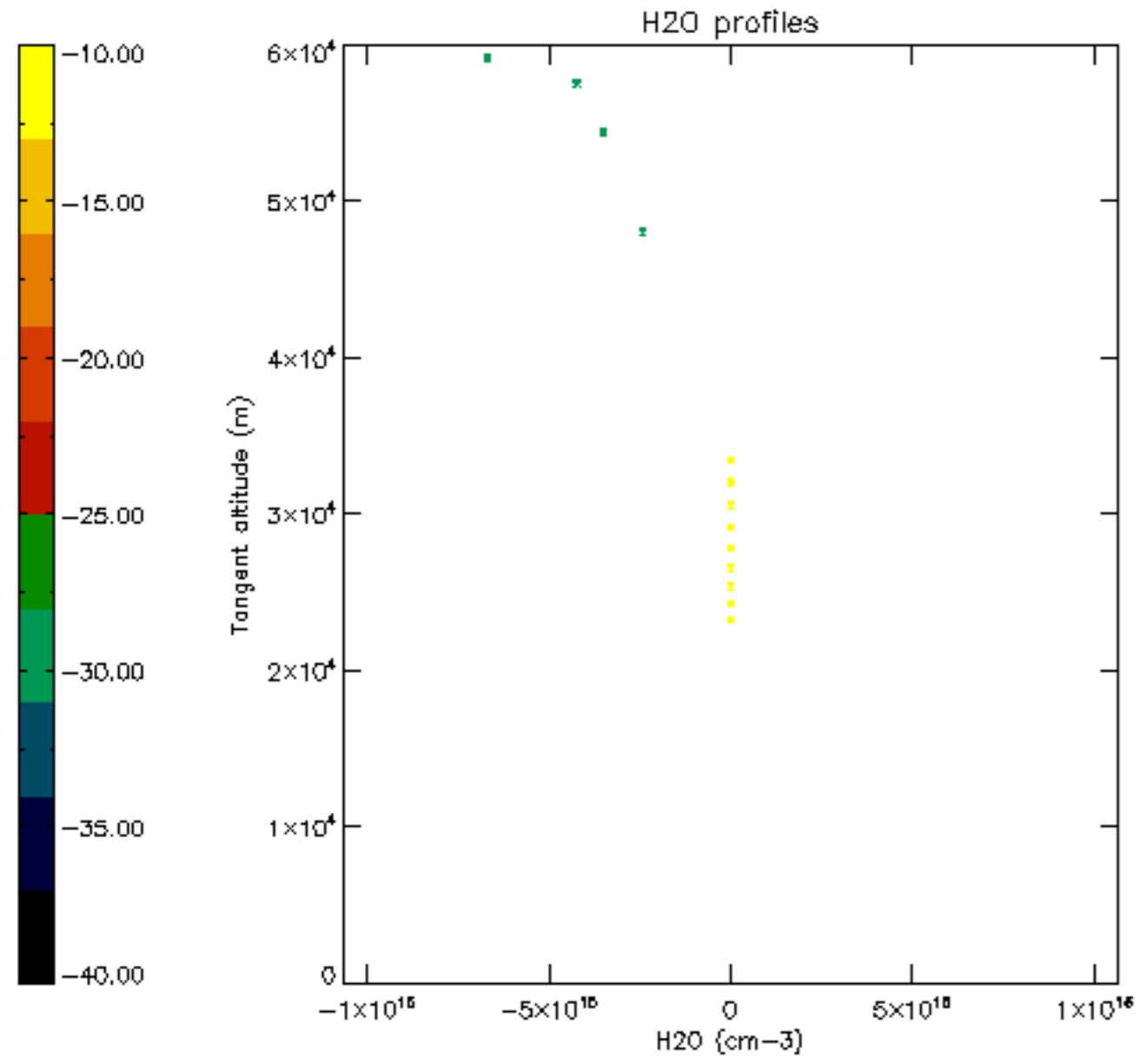


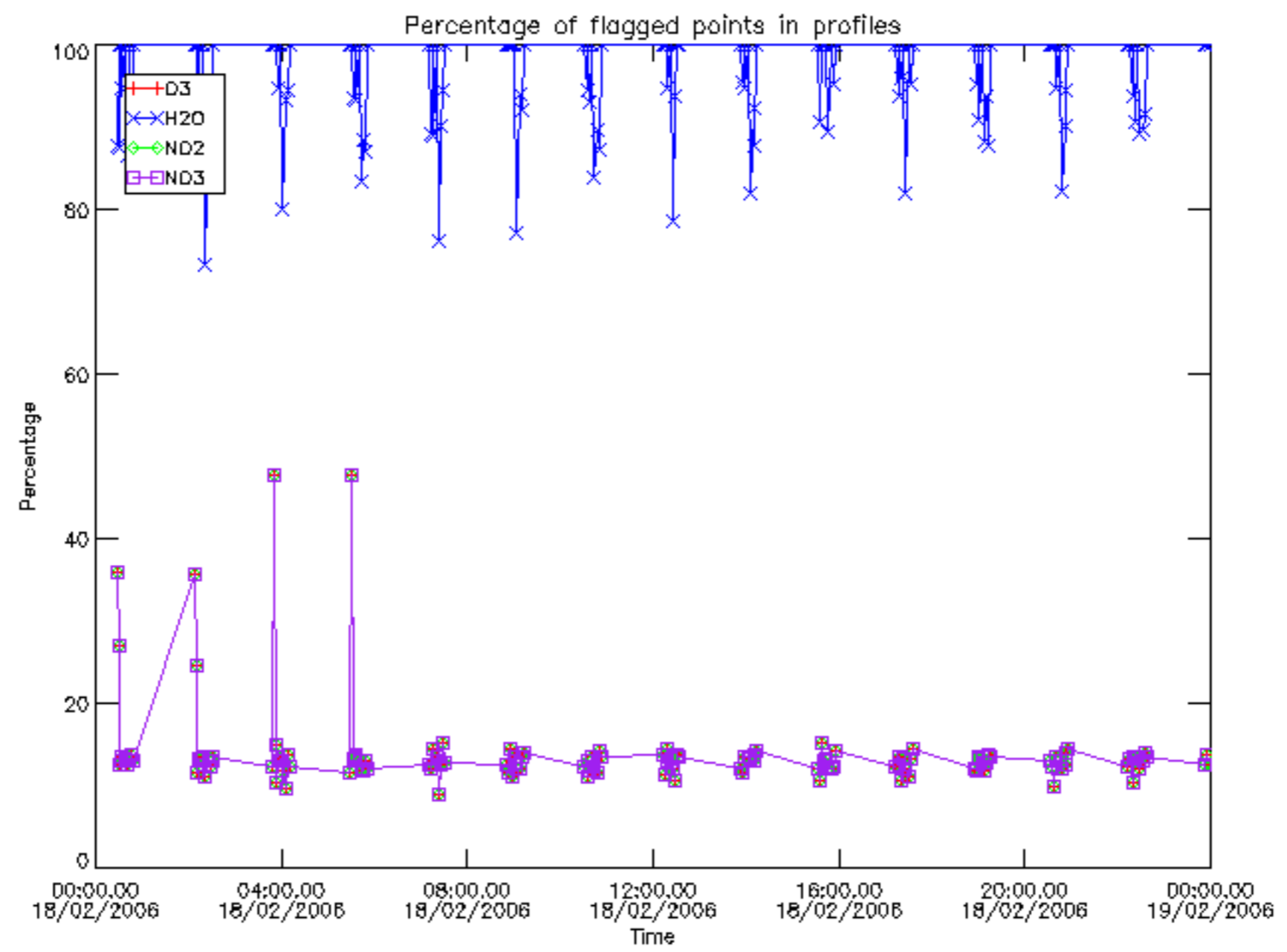




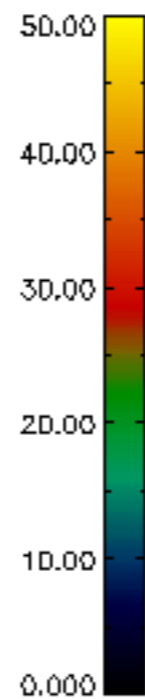
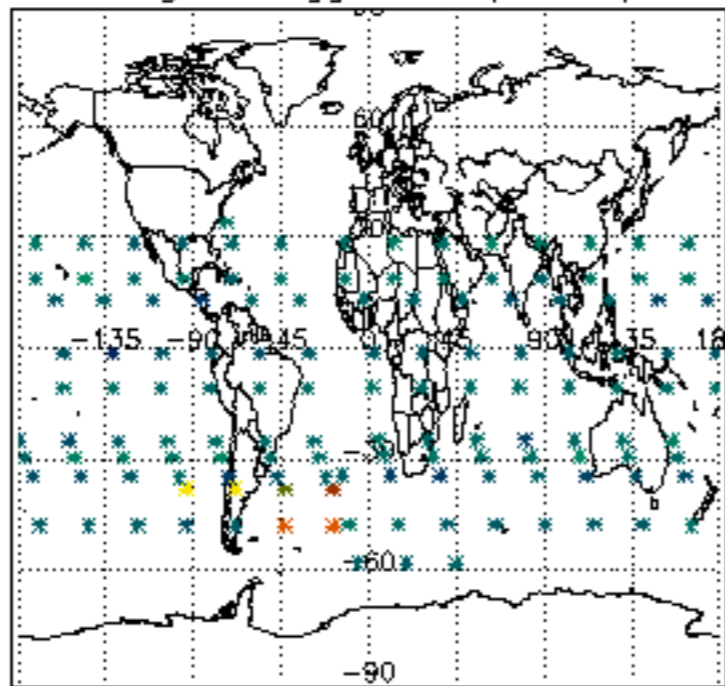




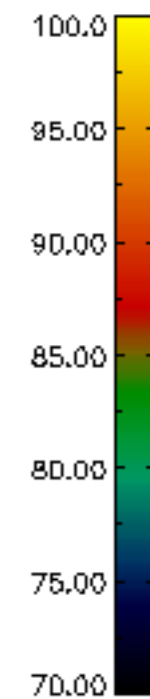
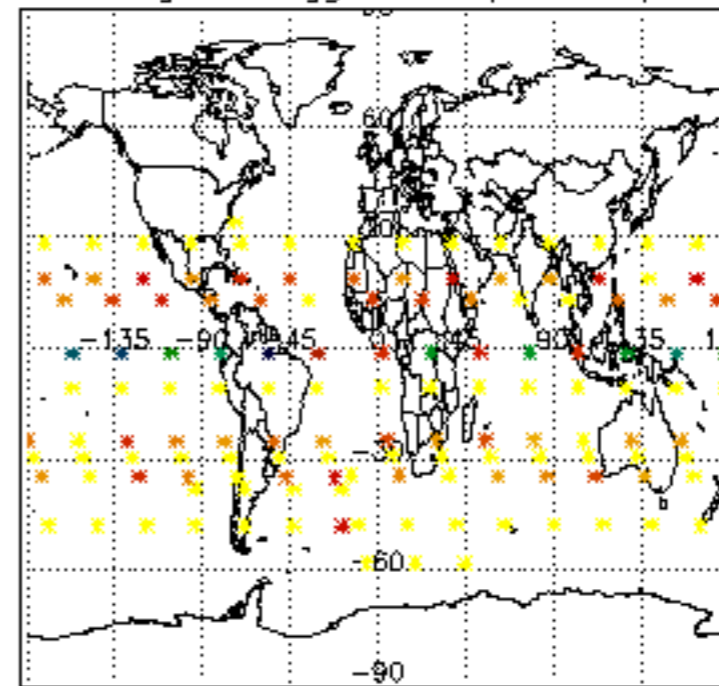




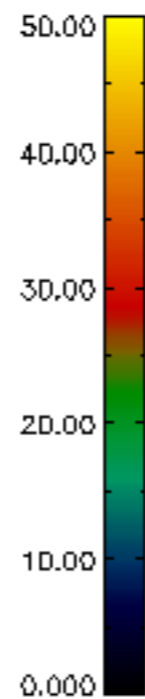
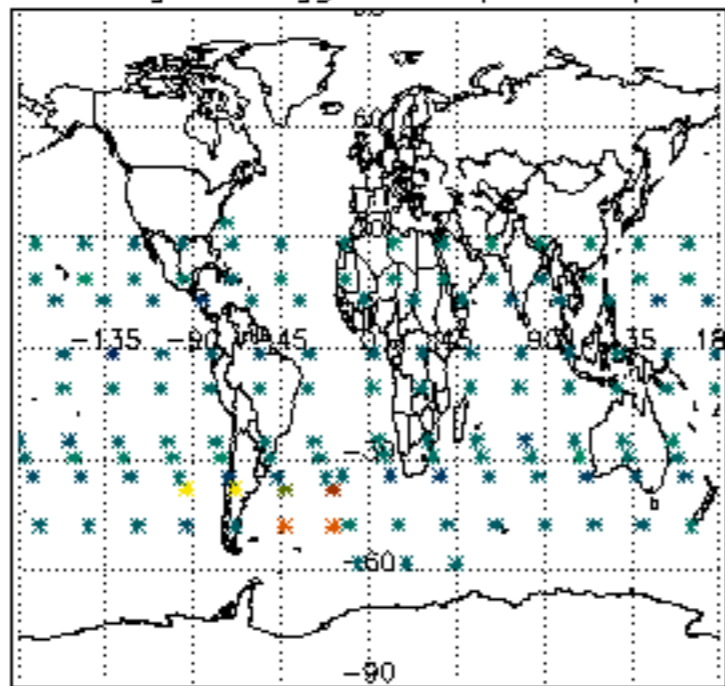
Percentage of flagged data per D3 profile



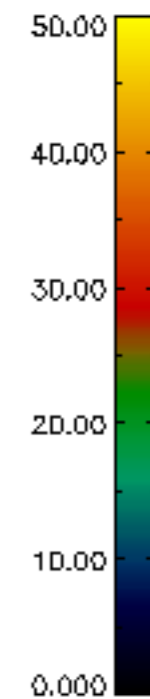
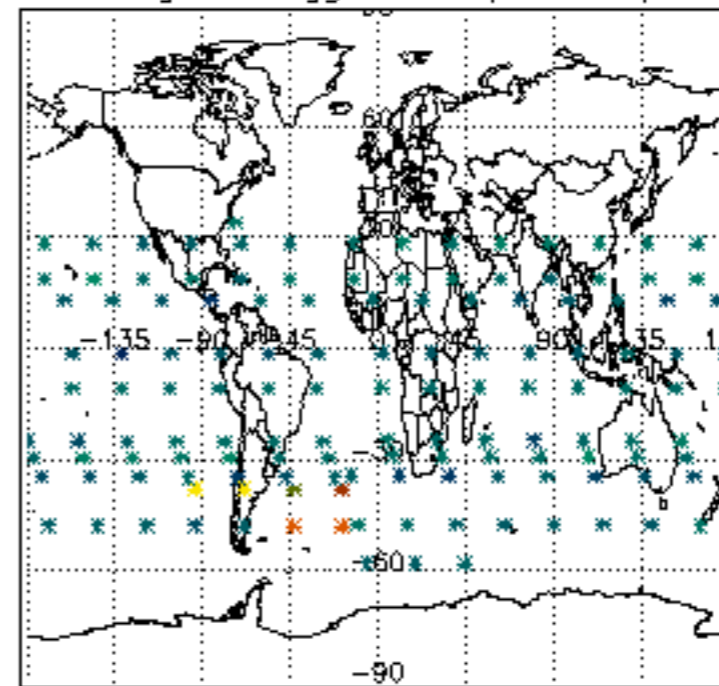
Percentage of flagged data per H2O profile

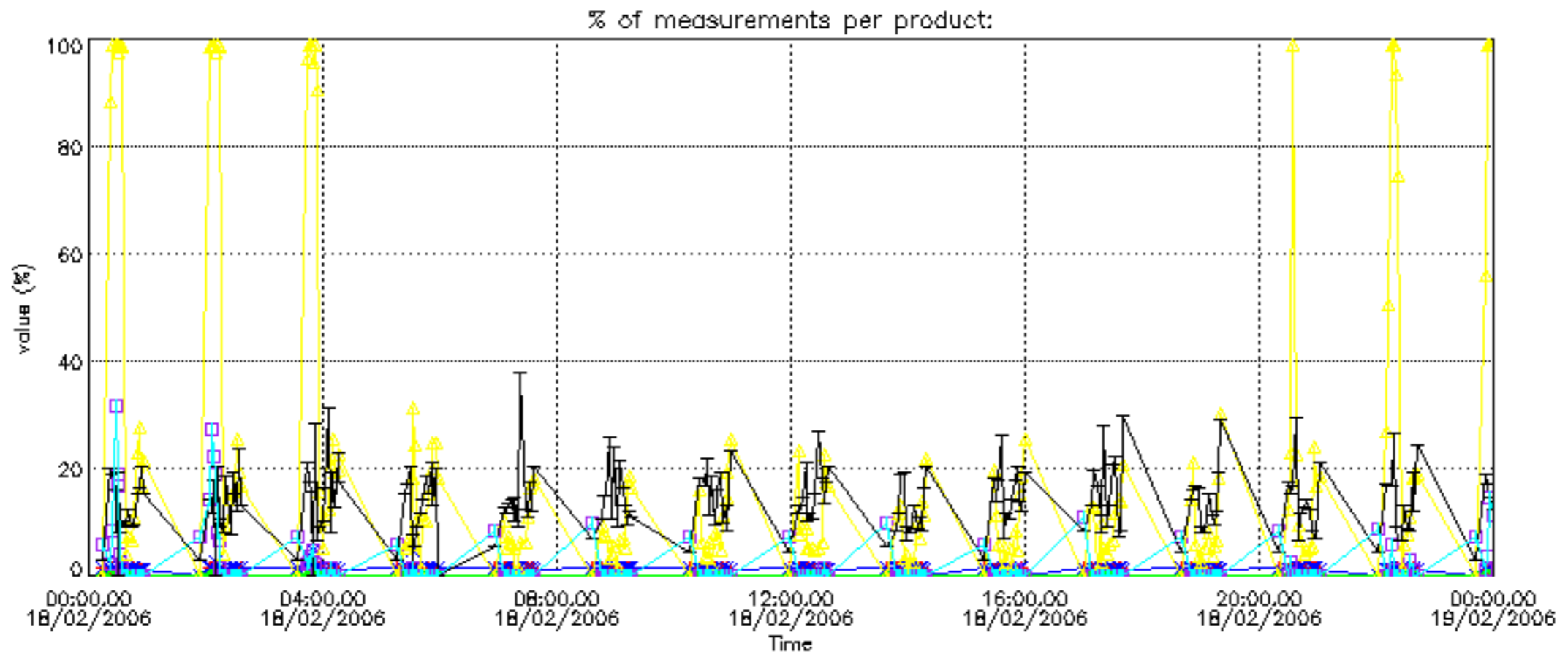
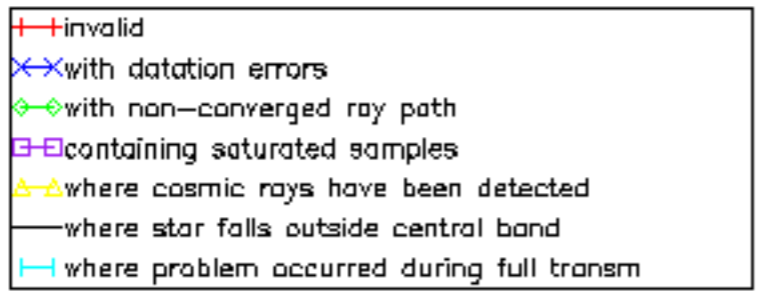


Percentage of flagged data per NO2 profile

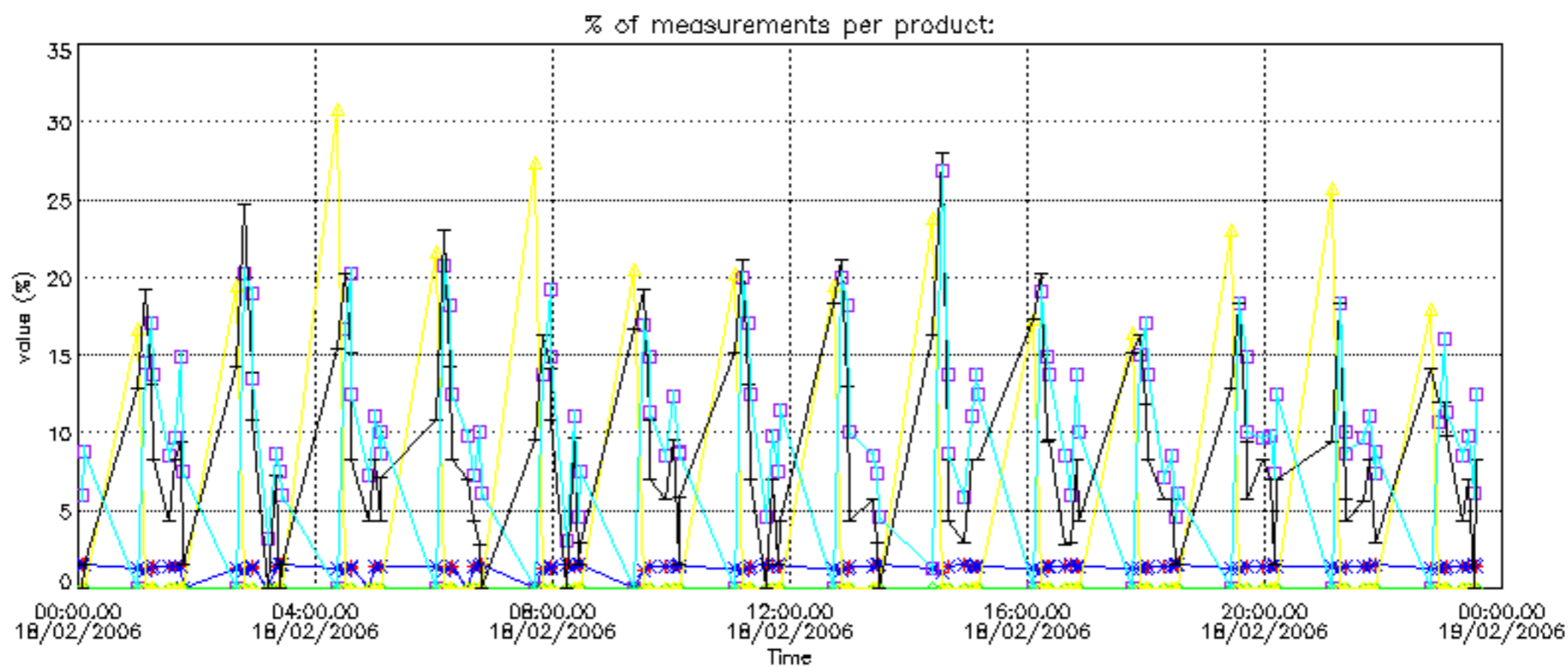
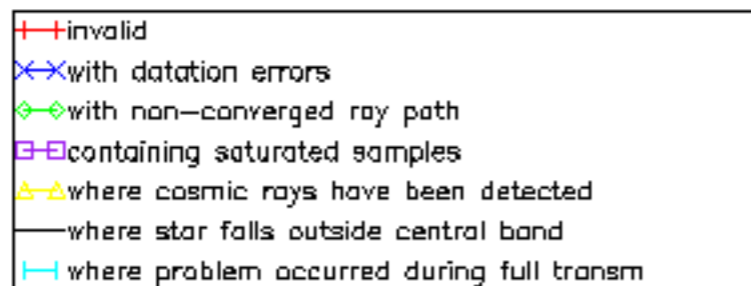


Percentage of flagged data per NO3 profile

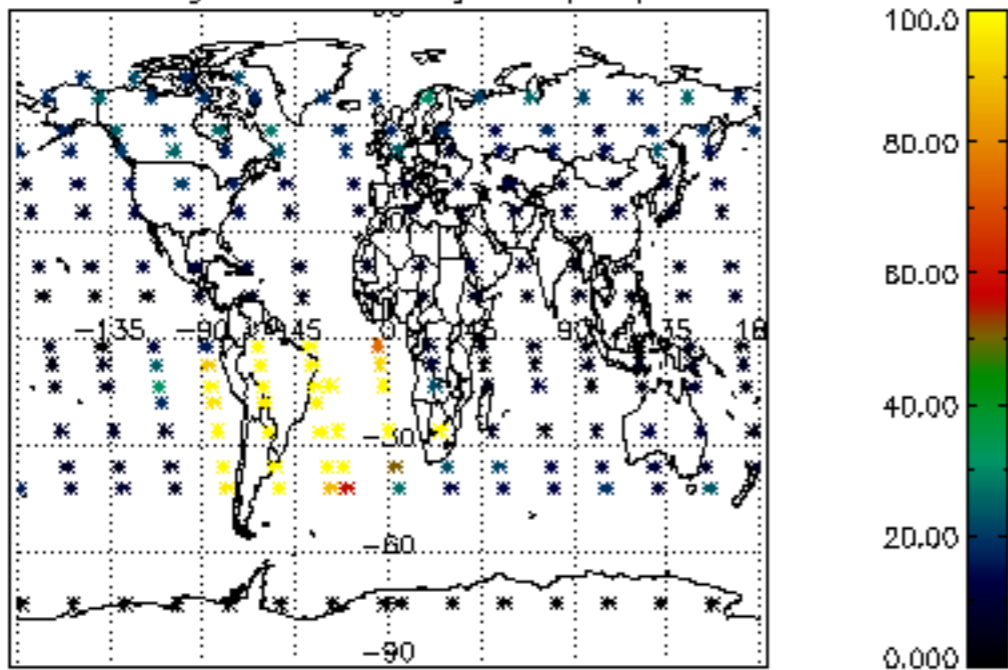




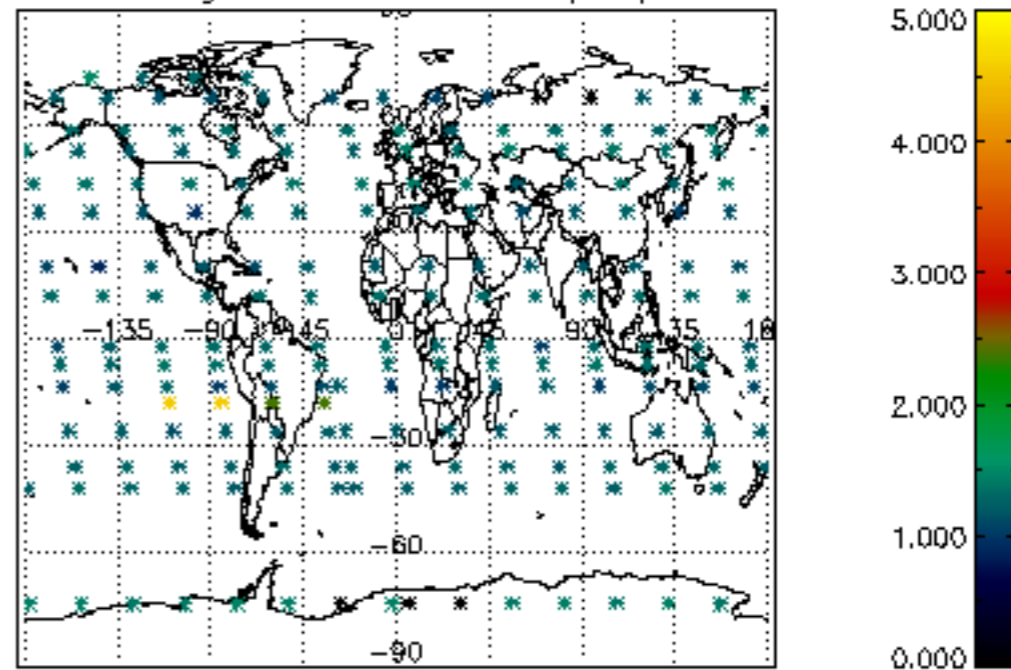




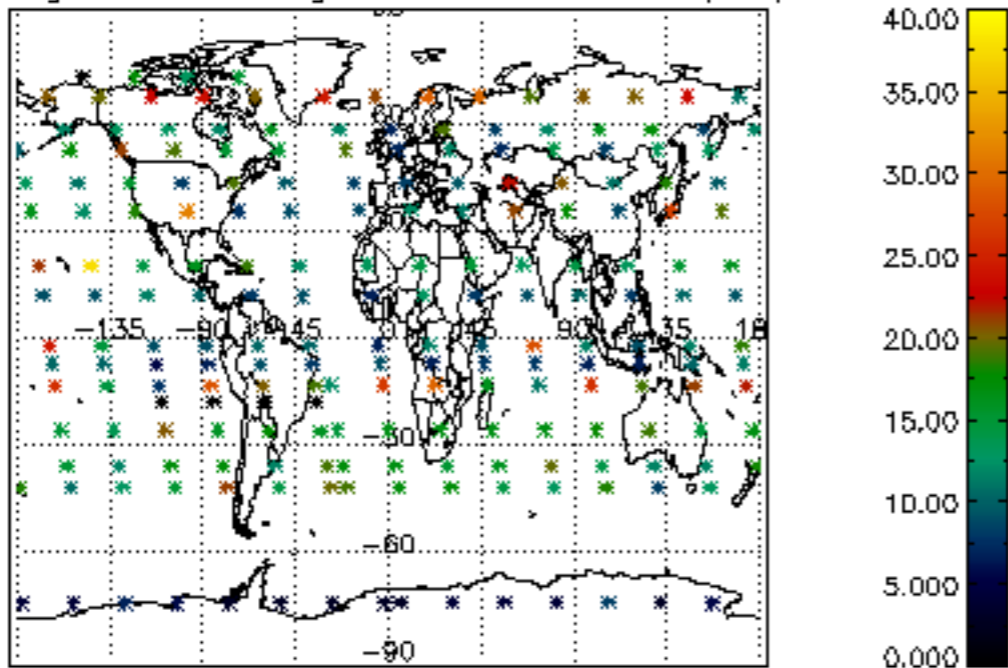
Percentage of cosmic ray hits per profile



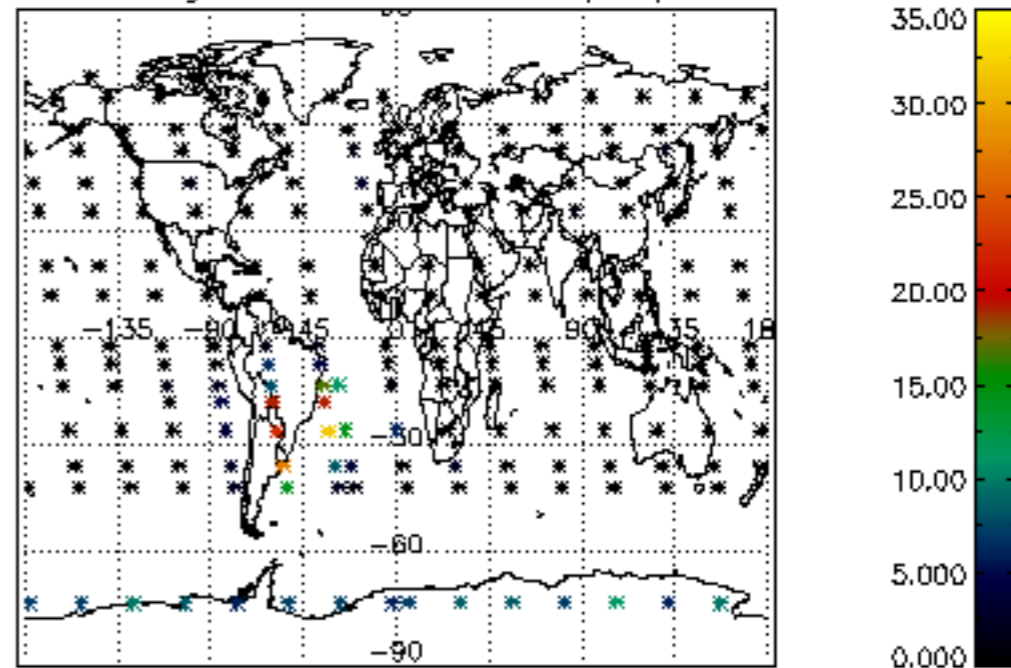
Percentage of datation errors per profile



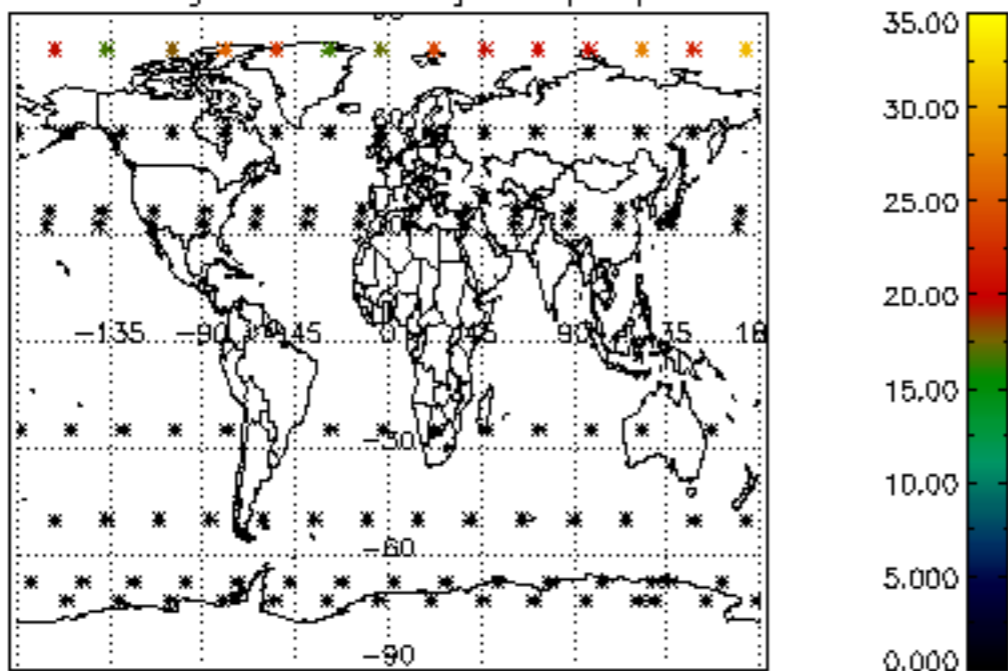
Percentage of star falling outside central band per profile



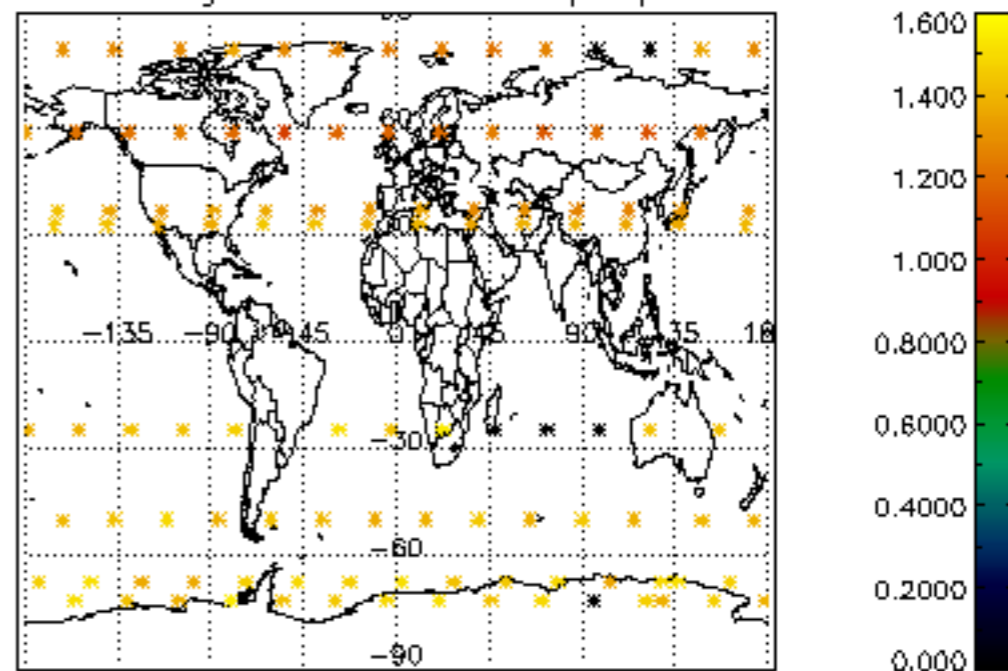
Percentage of saturation errors per profile



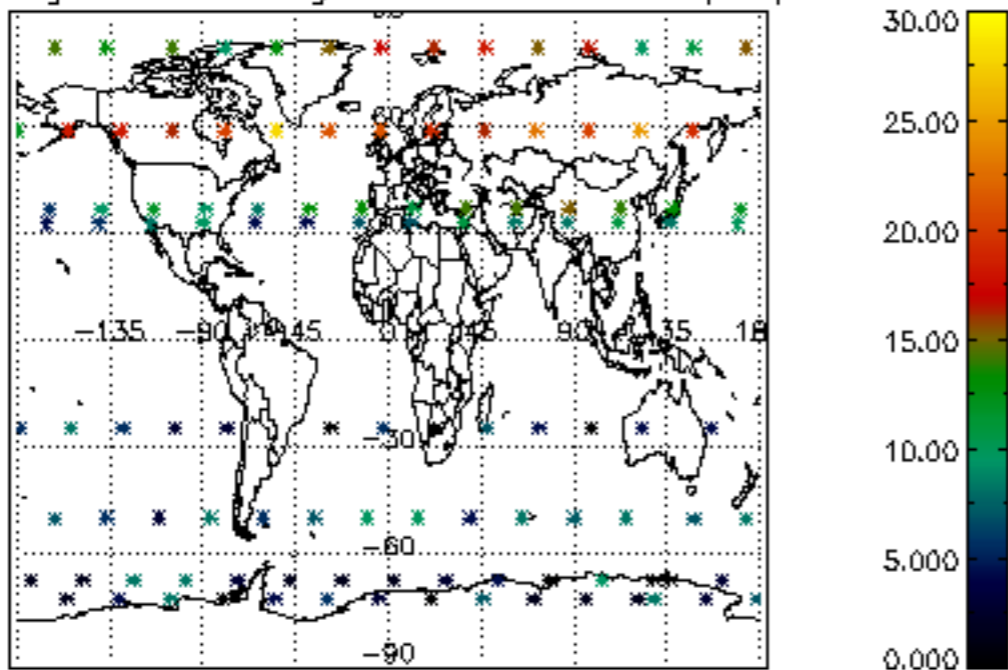
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

