

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	26APR2013 17:36:21
Data source version	GOMOS/6.01
Start time of products	24-02-2010 (24FEB2010 00:00:00)
Stop time of products	25-02-2010 (25FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	189
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100224_000030_00000422087_00116_41753_6474.N1	24-FEB-2010 00:00:30	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41753	No
2	GOM_NL__2PRFIN20100224_000747_000000552087_00116_41753_6475.N1	24-FEB-2010 00:07:47	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41753	No
3	GOM_NL__2PRFIN20100224_002210_000000452087_00116_41753_6476.N1	24-FEB-2010 00:22:10	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41753	No
4	GOM_NL__2PRFIN20100224_002444_000000472087_00116_41753_6477.N1	24-FEB-2010 00:24:44	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41753	No
5	GOM_NL__2PRFIN20100224_002629_000000532087_00116_41753_6478.N1	24-FEB-2010 00:26:29	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	41753	No
6	GOM_NL__2PRFIN20100224_003636_000000522087_00117_41754_6474.N1	24-FEB-2010 00:36:36	Dark	52.000	10	Bet Cen	0.61000	28000.	104	41754	No
7	GOM_NL__2PRFIN20100224_004133_000000452087_00117_41754_6475.N1	24-FEB-2010 00:41:33	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41754	No
8	GOM_NL__2PRFIN20100224_004501_000000452087_00117_41754_6476.N1	24-FEB-2010 00:45:01	Straylight	45.000	113	Mu Vel	2.6920	5000.0	90	41754	No
9	GOM_NL__2PRFIN20100224_005755_000000442087_00117_41754_6477.N1	24-FEB-2010 00:57:55	Twilight_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	41754	No
10	GOM_NL__2PRFIN20100224_010748_000000432087_00117_41754_6478.N1	24-FEB-2010 01:07:48	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41754	No
11	GOM_NL__2PRFIN20100224_012023_000000422087_00117_41754_6479.N1	24-FEB-2010 01:20:23	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41754	No
12	GOM_NL__2PRFIN20100224_012726_000000422087_00117_41754_6480.N1	24-FEB-2010 01:27:26	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41754	No
13	GOM_NL__2PRFIN20100224_013654_000000472087_00117_41754_6481.N1	24-FEB-2010 01:36:54	Bright	46.500	69	33Gam Dra	2.2310	3800.0	93	41754	No
14	GOM_NL__2PRFIN20100224_014106_000000422087_00117_41754_6482.N1	24-FEB-2010 01:41:06	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41754	No
15	GOM_NL__2PRFIN20100224_014823_000000552087_00117_41754_6483.N1	24-FEB-2010 01:48:23	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41754	No
16	GOM_NL__2PRFIN20100224_020247_000000492087_00117_41754_6484.N1	24-FEB-2010 02:02:47	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	41754	No
17	GOM_NL__2PRFIN20100224_020521_000000442087_00117_41754_6485.N1	24-FEB-2010 02:05:21	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41754	No
18	GOM_NL__2PRFIN20100224_020706_000000542087_00117_41754_6486.N1	24-FEB-2010 02:07:06	Dark	53.500	75	26Eps Sco	2.2910	4250.0	107	41754	No
19	GOM_NL__2PRFIN20100224_021553_000000442087_00118_41755_6482.N1	24-FEB-2010 02:15:53	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	41755	No
20	GOM_NL__2PRFIN20100224_021712_000000452087_00118_41755_6483.N1	24-FEB-2010 02:17:12	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41755	No
21	GOM_NL__2PRFIN20100224_022210_000000472087_00118_41755_6484.N1	24-FEB-2010 02:22:10	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41755	No
22	GOM_NL__2PRFIN20100224_022537_000000452087_00118_41755_6485.N1	24-FEB-2010 02:25:37	Straylight	45.000	113	Mu Vel	2.6920	5000.0	90	41755	No
23	GOM_NL__2PRFIN20100224_023831_000000462087_00118_41755_6486.N1	24-FEB-2010 02:38:31	Twilight_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41755	No
24	GOM_NL__2PRFIN20100224_024824_000000432087_00118_41755_6487.N1	24-FEB-2010 02:48:24	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41755	No
25	GOM_NL__2PRFIN20100224_030058_000000462087_00118_41755_6488.N1	24-FEB-2010 03:00:58	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	41755	No
26	GOM_NL__2PRFIN20100224_030801_000000412087_00118_41755_6489.N1	24-FEB-2010 03:08:01	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41755	No
27	GOM_NL__2PRFIN20100224_031730_000000402087_00118_41755_6490.N1	24-FEB-2010 03:17:30	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	41755	No
28	GOM_NL__2PRFIN20100224_032142_000000402087_00118_41755_6491.N1	24-FEB-2010 03:21:42	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41755	No
29	GOM_NL__2PRFIN20100224_032859_000000382087_00118_41755_6492.N1	24-FEB-2010 03:28:59	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	41755	No
30	GOM_NL__2PRFIN20100224_034323_000000432087_00118_41755_6493.N1	24-FEB-2010 03:43:23	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41755	No
31	GOM_NL__2PRFIN20100224_034558_000000422087_00118_41755_6494.N1	24-FEB-2010 03:45:58	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41755	No
32	GOM_NL__2PRFIN20100224_034743_000000492087_00118_41755_6495.N1	24-FEB-2010 03:47:43	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41755	No
33	GOM_NL__2PRFIN20100224_035630_000000432087_00119_41756_6510.N1	24-FEB-2010 03:56:30	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	41756	No
34	GOM_NL__2PRFIN20100224_035749_000000452087_00119_41756_6511.N1	24-FEB-2010 03:57:49	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41756	No
35	GOM_NL__2PRFIN20100224_040247_000000482087_00119_41756_6512.N1	24-FEB-2010 04:02:47	Dark	47.500	64	Gam Cen	2.2000	10600.	95	41756	No
36	GOM_NL__2PRFIN20100224_040613_000000452087_00119_41756_6513.N1	24-FEB-2010 04:06:13	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41756	No
37	GOM_NL__2PRFIN20100224_041907_000000472087_00119_41756_6514.N1	24-FEB-2010 04:19:07	Twilight_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	41756	No
38	GOM_NL__2PRFIN20100224_042900_000000422087_00119_41756_6515.N1	24-FEB-2010 04:29:00	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41756	No
39	GOM_NL__2PRFIN20100224_044134_000000432087_00119_41756_6516.N1	24-FEB-2010 04:41:34	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41756	No
40	GOM_NL__2PRFIN20100224_044836_000000432087_00119_41756_6517.N1	24-FEB-2010 04:48:36	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41756	No
41	GOM_NL__2PRFIN20100224_045806_000000432087_00119_41756_6518.N1	24-FEB-2010 04:58:06	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	41756	No
42	GOM_NL__2PRFIN20100224_050218_000000432087_00119_41756_6519.N1	24-FEB-2010 05:02:18	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	41756	No

43	GOM_NL__2PRFIN20100224_050936_000000382087_00119_41756_6520.N1	24-FEB-2010 05:09:36	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	41756	No
44	GOM_NL__2PRFIN20100224_052400_000000452087_00119_41756_6521.N1	24-FEB-2010 05:24:00	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41756	No
45	GOM_NL__2PRFIN20100224_052634_000000542087_00119_41756_6522.N1	24-FEB-2010 05:26:34	Dark	53.500	25	35Lam Sco	1.6200	28000.	107	41756	No
46	GOM_NL__2PRFIN20100224_052820_000000492087_00119_41756_6523.N1	24-FEB-2010 05:28:20	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41756	No
47	GOM_NL__2PRFIN20100224_053826_000000422087_00120_41757_6518.N1	24-FEB-2010 05:38:26	Dark	41.500	10	Bet Cen	0.61000	28000.	83	41757	No
48	GOM_NL__2PRFIN20100224_054323_000000502087_00120_41757_6519.N1	24-FEB-2010 05:43:23	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41757	No
49	GOM_NL__2PRFIN20100224_054650_000000432087_00120_41757_6520.N1	24-FEB-2010 05:46:50	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41757	No
50	GOM_NL__2PRFIN20100224_055943_000000482087_00120_41757_6521.N1	24-FEB-2010 05:59:43	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41757	No
51	GOM_NL__2PRFIN20100224_060936_000000412087_00120_41757_6522.N1	24-FEB-2010 06:09:36	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41757	No
52	GOM_NL__2PRFIN20100224_062209_000000442087_00120_41757_6523.N1	24-FEB-2010 06:22:09	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41757	No
53	GOM_NL__2PRFIN20100224_062912_000000422087_00120_41757_6524.N1	24-FEB-2010 06:29:12	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41757	No
54	GOM_NL__2PRFIN20100224_063842_000000402087_00120_41757_6525.N1	24-FEB-2010 06:38:42	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	41757	No
55	GOM_NL__2PRFIN20100224_064254_000000392087_00120_41757_6526.N1	24-FEB-2010 06:42:54	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41757	No
56	GOM_NL__2PRFIN20100224_065012_000000372087_00120_41757_6527.N1	24-FEB-2010 06:50:12	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41757	No
57	GOM_NL__2PRFIN20100224_070436_000000432087_00120_41757_6528.N1	24-FEB-2010 07:04:36	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41757	No
58	GOM_NL__2PRFIN20100224_070711_000000442087_00120_41757_6529.N1	24-FEB-2010 07:07:11	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41757	No
59	GOM_NL__2PRFIN20100224_070857_000000492087_00120_41757_6530.N1	24-FEB-2010 07:08:57	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41757	No
60	GOM_NL__2PRFIN20100224_071902_000000442087_00121_41758_6526.N1	24-FEB-2010 07:19:02	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41758	No
61	GOM_NL__2PRFIN20100224_072400_000000462087_00121_41758_6527.N1	24-FEB-2010 07:24:00	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41758	No
62	GOM_NL__2PRFIN20100224_072727_000000432087_00121_41758_6528.N1	24-FEB-2010 07:27:27	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	41758	No
63	GOM_NL__2PRFIN20100224_074019_000000482087_00121_41758_6529.N1	24-FEB-2010 07:40:19	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41758	No
64	GOM_NL__2PRFIN20100224_075011_000000412087_00121_41758_6530.N1	24-FEB-2010 07:50:11	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41758	No
65	GOM_NL__2PRFIN20100224_080245_000000432087_00121_41758_6531.N1	24-FEB-2010 08:02:45	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41758	No
66	GOM_NL__2PRFIN20100224_080948_000000382087_00121_41758_6532.N1	24-FEB-2010 08:09:48	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41758	No
67	GOM_NL__2PRFIN20100224_081918_000000442087_00121_41758_6533.N1	24-FEB-2010 08:19:18	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41758	No
68	GOM_NL__2PRFIN20100224_082330_000000432087_00121_41758_6534.N1	24-FEB-2010 08:23:30	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	41758	No
69	GOM_NL__2PRFIN20100224_083048_000000392087_00121_41758_6535.N1	24-FEB-2010 08:30:48	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	41758	No
70	GOM_NL__2PRFIN20100224_084513_000000452087_00121_41758_6536.N1	24-FEB-2010 08:45:13	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41758	No
71	GOM_NL__2PRFIN20100224_084748_000000472087_00121_41758_6537.N1	24-FEB-2010 08:47:48	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41758	No
72	GOM_NL__2PRFIN20100224_084934_000000442087_00121_41758_6538.N1	24-FEB-2010 08:49:34	Dark	44.000	75	26Eps Sco	2.2910	4250.0	88	41758	No
73	GOM_NL__2PRFIN20100224_085819_000000442087_00122_41759_6534.N1	24-FEB-2010 08:58:19	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41759	No
74	GOM_NL__2PRFIN20100224_085939_000000452087_00122_41759_6535.N1	24-FEB-2010 08:59:39	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41759	No
75	GOM_NL__2PRFIN20100224_090437_000000452087_00122_41759_6536.N1	24-FEB-2010 09:04:37	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41759	No
76	GOM_NL__2PRFIN20100224_090803_000000452087_00122_41759_6537.N1	24-FEB-2010 09:08:03	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41759	No
77	GOM_NL__2PRFIN20100224_092055_000000492087_00122_41759_6538.N1	24-FEB-2010 09:20:55	Tw_i_and_stray	49.000	48	30Alp Hya	1.9770	4100.0	98	41759	No
78	GOM_NL__2PRFIN20100224_093047_000000432087_00122_41759_6539.N1	24-FEB-2010 09:30:47	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41759	No
79	GOM_NL__2PRFIN20100224_094320_000000602087_00122_41759_6540.N1	24-FEB-2010 09:43:20	Bright	60.000	36	50Alp UMa	1.8000	6300.0	120	41759	No
80	GOM_NL__2PRFIN20100224_095024_000000432087_00122_41759_6541.N1	24-FEB-2010 09:50:24	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41759	No
81	GOM_NL__2PRFIN20100224_095954_000000392087_00122_41759_6542.N1	24-FEB-2010 09:59:54	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	41759	No
82	GOM_NL__2PRFIN20100224_100406_000000392087_00122_41759_6543.N1	24-FEB-2010 10:04:06	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41759	No
83	GOM_NL__2PRFIN20100224_101124_000000552087_00122_41759_6544.N1	24-FEB-2010 10:11:24	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41759	No
84	GOM_NL__2PRFIN20100224_102549_000000412087_00122_41759_6545.N1	24-FEB-2010 10:25:49	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	41759	No
85	GOM_NL__2PRFIN20100224_102825_000000482087_00122_41759_6546.N1	24-FEB-2010 10:28:25	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41759	No
86	GOM_NL__2PRFIN20100224_103011_000000442087_00122_41759_6547.N1	24-FEB-2010 10:30:11	Dark	44.000	75	26Eps Sco	2.2910	4250.0	88	41759	No
87	GOM_NL__2PRFIN20100224_103856_000000432087_00123_41760_6542.N1	24-FEB-2010 10:38:56	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	41760	No
88	GOM_NL__2PRFIN20100224_104015_000000442087_00123_41760_6543.N1	24-FEB-2010 10:40:15	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41760	No
89	GOM_NL__2PRFIN20100224_104513_000000462087_00123_41760_6544.N1	24-FEB-2010 10:45:13	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41760	No
90	GOM_NL__2PRFIN20100224_104839_000000422087_00123_41760_6545.N1	24-FEB-2010 10:48:39	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	41760	No
91	GOM_NL__2PRFIN20100224_110131_000000442087_00123_41760_6546.N1	24-FEB-2010 11:01:31	Tw_i_and_stray	43.500	48	30Alp Hya	1.9770	4100.0	87	41760	No
92	GOM_NL__2PRFIN20100224_111123_000000422087_00123_41760_6547.N1	24-FEB-2010 11:11:23	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41760	No
93	GOM_NL__2PRFIN20100224_112356_000000432087_00123_41760_6548.N1	24-FEB-2010 11:23:56	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41760	No
94	GOM_NL__2PRFIN20100224_113059_000000412087_00123_41760_6549.N1	24-FEB-2010 11:30:59	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41760	No
95	GOM_NL__2PRFIN20100224_114029_000000452087_00123_41760_6550.N1	24-FEB-2010 11:40:29	Bright	45.000	69	33Gam Dra	2.2310	3800.0	90	41760	No
96	GOM_NL__2PRFIN20100224_114442_000000472087_00123_41760_6551.N1	24-FEB-2010 11:44:42	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	41760	No
97	GOM_NL__2PRFIN20100224_115201_000000372087_00123_41760_6552.N1	24-FEB-2010 11:52:01	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41760	No
98	GOM_NL__2PRFIN20100224_120626_000000452087_00123_41760_6553.N1	24-FEB-2010 12:06:26	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41760	No
99	GOM_NL__2PRFIN20100224_120901_000000472087_00123_41760_6554.N1	24-FEB-2010 12:09:01	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41760	No
100	GOM_NL__2PRFIN20100224_121048_000000382087_00123_41760_6555.N1	24-FEB-2010 12:10:48	Dark	38.000	75	26Eps Sco	2.2910	4250.0	76	41760	No
101	GOM_NL__2PRFIN20100224_121932_000000452087_00124_41761_6554.N1	24-FEB-2010 12:19:32	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	41761	No

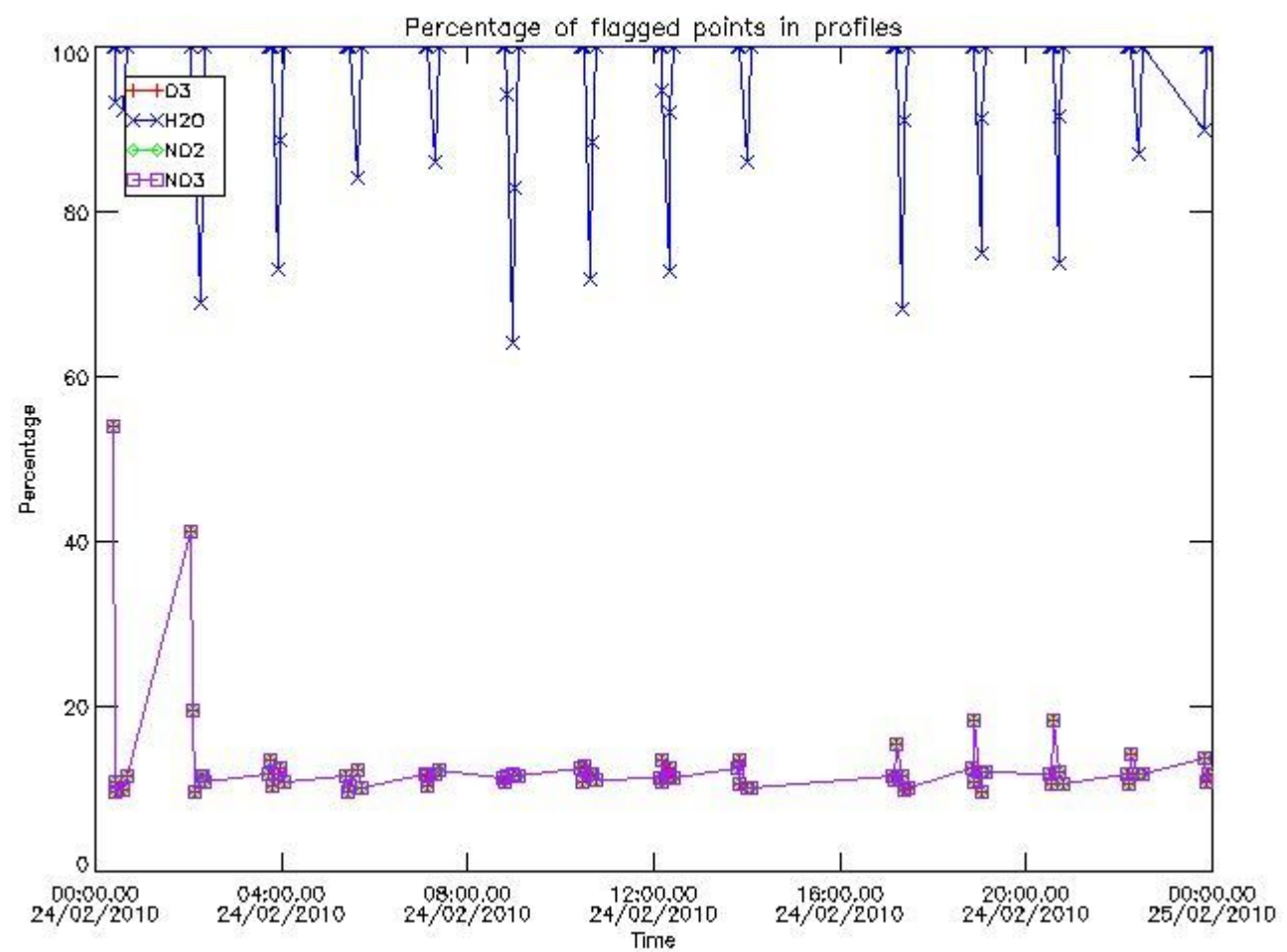
102	GOM_NL__2PRFIN20100224_122052_000000452087_00124_41761_6555.N1	24-FEB-2010 12:20:52	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41761	No
103	GOM_NL__2PRFIN20100224_122549_000000452087_00124_41761_6556.N1	24-FEB-2010 12:25:49	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41761	No
104	GOM_NL__2PRFIN20100224_122915_000000432087_00124_41761_6557.N1	24-FEB-2010 12:29:15	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41761	No
105	GOM_NL__2PRFIN20100224_124207_000000462087_00124_41761_6558.N1	24-FEB-2010 12:42:07	Tw_i_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41761	No
106	GOM_NL__2PRFIN20100224_125158_000000412087_00124_41761_6559.N1	24-FEB-2010 12:51:58	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41761	No
107	GOM_NL__2PRFIN20100224_130431_000000422087_00124_41761_6560.N1	24-FEB-2010 13:04:31	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	41761	No
108	GOM_NL__2PRFIN20100224_131135_000000432087_00124_41761_6561.N1	24-FEB-2010 13:11:35	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41761	No
109	GOM_NL__2PRFIN20100224_132105_000000472087_00124_41761_6562.N1	24-FEB-2010 13:21:05	Bright	47.000	69	33Gam Dra	2.2310	3800.0	94	41761	No
110	GOM_NL__2PRFIN20100224_132518_000000412087_00124_41761_6563.N1	24-FEB-2010 13:25:18	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41761	No
111	GOM_NL__2PRFIN20100224_133237_000000552087_00124_41761_6564.N1	24-FEB-2010 13:32:37	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41761	No
112	GOM_NL__2PRFIN20100224_134702_000000412087_00124_41761_6565.N1	24-FEB-2010 13:47:02	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	41761	No
113	GOM_NL__2PRFIN20100224_134938_000000492087_00124_41761_6566.N1	24-FEB-2010 13:49:38	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	41761	No
114	GOM_NL__2PRFIN20100224_135125_000000382087_00124_41761_6567.N1	24-FEB-2010 13:51:25	Dark	38.000	75	26Eps Sco	2.2910	4250.0	76	41761	No
115	GOM_NL__2PRFIN20100224_140128_000000512087_00125_41762_6562.N1	24-FEB-2010 14:01:28	Dark	50.500	10	Bet Cen	0.61000	28000.	101	41762	No
116	GOM_NL__2PRFIN20100224_140626_000000502087_00125_41762_6563.N1	24-FEB-2010 14:06:26	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41762	No
117	GOM_NL__2PRFIN20100224_140952_000000432087_00125_41762_6564.N1	24-FEB-2010 14:09:52	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41762	No
118	GOM_NL__2PRFIN20100224_142243_000000482087_00125_41762_6565.N1	24-FEB-2010 14:22:43	Tw_i_and_stray	47.500	48	30Alp Hya	1.9770	4100.0	95	41762	No
119	GOM_NL__2PRFIN20100224_143234_000000412087_00125_41762_6566.N1	24-FEB-2010 14:32:34	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41762	No
120	GOM_NL__2PRFIN20100224_144507_000000432087_00125_41762_6567.N1	24-FEB-2010 14:45:07	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41762	No
121	GOM_NL__2PRFIN20100224_145210_000000432087_00125_41762_6568.N1	24-FEB-2010 14:52:10	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41762	No
122	GOM_NL__2PRFIN20100224_150141_000000432087_00125_41762_6569.N1	24-FEB-2010 15:01:41	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	41762	No
123	GOM_NL__2PRFIN20100224_150554_000000392087_00125_41762_6570.N1	24-FEB-2010 15:05:54	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41762	No
124	GOM_NL__2PRFIN20100224_151313_000000552087_00125_41762_6571.N1	24-FEB-2010 15:13:13	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41762	No
125	GOM_NL__2PRFIN20100224_160319_000000492087_00126_41763_6570.N1	24-FEB-2010 16:03:19	Tw_i_and_stray	48.500	48	30Alp Hya	1.9770	4100.0	97	41763	No
126	GOM_NL__2PRFIN20100224_161309_000000412087_00126_41763_6571.N1	24-FEB-2010 16:13:09	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41763	No
127	GOM_NL__2PRFIN20100224_162542_000000432087_00126_41763_6572.N1	24-FEB-2010 16:25:42	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41763	No
128	GOM_NL__2PRFIN20100224_163246_000000432087_00126_41763_6573.N1	24-FEB-2010 16:32:46	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41763	No
129	GOM_NL__2PRFIN20100224_164217_000000452087_00126_41763_6574.N1	24-FEB-2010 16:42:17	Bright	45.000	69	33Gam Dra	2.2310	3800.0	90	41763	No
130	GOM_NL__2PRFIN20100224_164630_000000422087_00126_41763_6575.N1	24-FEB-2010 16:46:30	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41763	No
131	GOM_NL__2PRFIN20100224_165349_000000372087_00126_41763_6576.N1	24-FEB-2010 16:53:49	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41763	No
132	GOM_NL__2PRFIN20100224_170815_000000442087_00126_41763_6577.N1	24-FEB-2010 17:08:15	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41763	No
133	GOM_NL__2PRFIN20100224_171051_000000462087_00126_41763_6578.N1	24-FEB-2010 17:10:51	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	41763	No
134	GOM_NL__2PRFIN20100224_171239_000000332087_00126_41763_6579.N1	24-FEB-2010 17:12:39	Dark	33.000	75	26Eps Sco	2.2910	4250.0	66	41763	No
135	GOM_NL__2PRFIN20100224_172122_000000452087_00127_41764_6578.N1	24-FEB-2010 17:21:22	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	41764	No
136	GOM_NL__2PRFIN20100224_172241_000000522087_00127_41764_6579.N1	24-FEB-2010 17:22:41	Dark	51.500	10	Bet Cen	0.61000	28000.	103	41764	No
137	GOM_NL__2PRFIN20100224_172740_000000502087_00127_41764_6580.N1	24-FEB-2010 17:27:40	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41764	No
138	GOM_NL__2PRFIN20100224_173104_000000442087_00127_41764_6581.N1	24-FEB-2010 17:31:04	Straylight	44.000	113	Mu Vel	2.6920	5000.0	88	41764	No
139	GOM_NL__2PRFIN20100224_174355_000000462087_00127_41764_6582.N1	24-FEB-2010 17:43:55	Tw_i_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41764	No
140	GOM_NL__2PRFIN20100224_175345_000000422087_00127_41764_6583.N1	24-FEB-2010 17:53:45	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41764	No
141	GOM_NL__2PRFIN20100224_180618_000000442087_00127_41764_6584.N1	24-FEB-2010 18:06:18	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41764	No
142	GOM_NL__2PRFIN20100224_181322_000000432087_00127_41764_6585.N1	24-FEB-2010 18:13:22	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41764	No
143	GOM_NL__2PRFIN20100224_182253_000000442087_00127_41764_6586.N1	24-FEB-2010 18:22:53	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41764	No
144	GOM_NL__2PRFIN20100224_182706_000000422087_00127_41764_6587.N1	24-FEB-2010 18:27:06	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41764	No
145	GOM_NL__2PRFIN20100224_183425_000000372087_00127_41764_6588.N1	24-FEB-2010 18:34:25	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	41764	No
146	GOM_NL__2PRFIN20100224_184852_000000452087_00127_41764_6589.N1	24-FEB-2010 18:48:52	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41764	No
147	GOM_NL__2PRFIN20100224_185128_000000472087_00127_41764_6590.N1	24-FEB-2010 18:51:28	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41764	No
148	GOM_NL__2PRFIN20100224_185316_000000282087_00127_41764_6591.N1	24-FEB-2010 18:53:16	Dark	28.000	75	26Eps Sco	2.2910	4250.0	56	41764	No
149	GOM_NL__2PRFIN20100224_190159_000000532087_00128_41765_6586.N1	24-FEB-2010 19:01:59	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	41765	No
150	GOM_NL__2PRFIN20100224_190318_000000472087_00128_41765_6587.N1	24-FEB-2010 19:03:18	Dark	46.500	10	Bet Cen	0.61000	28000.	93	41765	No
151	GOM_NL__2PRFIN20100224_190816_000000432087_00128_41765_6588.N1	24-FEB-2010 19:08:16	Dark	42.500	64	Gam Cen	2.2000	10600.	85	41765	No
152	GOM_NL__2PRFIN20100224_191140_000000432087_00128_41765_6589.N1	24-FEB-2010 19:11:40	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41765	No
153	GOM_NL__2PRFIN20100224_192431_000000462087_00128_41765_6590.N1	24-FEB-2010 19:24:31	Tw_i_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	41765	No
154	GOM_NL__2PRFIN20100224_193421_000000392087_00128_41765_6591.N1	24-FEB-2010 19:34:21	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	41765	No
155	GOM_NL__2PRFIN20100224_194653_000000442087_00128_41765_6592.N1	24-FEB-2010 19:46:53	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41765	No
156	GOM_NL__2PRFIN20100224_195357_000000412087_00128_41765_6593.N1	24-FEB-2010 19:53:57	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41765	No
157	GOM_NL__2PRFIN20100224_200328_000000462087_00128_41765_6594.N1	24-FEB-2010 20:03:28	Bright	46.000	69	33Gam Dra	2.2310	3800.0	92	41765	No
158	GOM_NL__2PRFIN20100224_200742_000000392087_00128_41765_6595.N1	24-FEB-2010 20:07:42	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41765	No
159	GOM_NL__2PRFIN20100224_201502_000000392087_00128_41765_6596.N1	24-FEB-2010 20:15:02	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	41765	No
160	GOM_NL__2PRFIN20100224_202928_000000432087_00128_41765_6597.N1	24-FEB-2010 20:29:28	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41765	No

161	GOM_NL__2PRFIN20100224_203205_000000482087_00128_41765_6598.N1	24-FEB-2010 20:32:05	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41765	No
162	GOM_NL__2PRFIN20100224_203353_000000282087_00128_41765_6599.N1	24-FEB-2010 20:33:53	Dark	28.000	75	26Eps Sco	2.2910	4250.0	56	41765	No
163	GOM_NL__2PRFIN20100224_204235_000000432087_00129_41766_6614.N1	24-FEB-2010 20:42:35	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	41766	No
164	GOM_NL__2PRFIN20100224_204355_000000432087_00129_41766_6615.N1	24-FEB-2010 20:43:55	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41766	No
165	GOM_NL__2PRFIN20100224_204853_000000482087_00129_41766_6616.N1	24-FEB-2010 20:48:53	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41766	No
166	GOM_NL__2PRFIN20100224_205217_000000432087_00129_41766_6617.N1	24-FEB-2010 20:52:17	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	41766	No
167	GOM_NL__2PRFIN20100224_210507_000000452087_00129_41766_6618.N1	24-FEB-2010 21:05:07	Twilight_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	41766	No
168	GOM_NL__2PRFIN20100224_211456_000000412087_00129_41766_6619.N1	24-FEB-2010 21:14:56	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41766	No
169	GOM_NL__2PRFIN20100224_212729_000000432087_00129_41766_6620.N1	24-FEB-2010 21:27:29	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41766	No
170	GOM_NL__2PRFIN20100224_213433_000000442087_00129_41766_6621.N1	24-FEB-2010 21:34:33	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	41766	No
171	GOM_NL__2PRFIN20100224_214404_000000612087_00129_41766_6622.N1	24-FEB-2010 21:44:04	Bright	61.000	69	33Gam Dra	2.2310	3800.0	122	41766	No
172	GOM_NL__2PRFIN20100224_214818_000000442087_00129_41766_6623.N1	24-FEB-2010 21:48:18	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	41766	No
173	GOM_NL__2PRFIN20100224_215538_000000552087_00129_41766_6624.N1	24-FEB-2010 21:55:38	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41766	No
174	GOM_NL__2PRFIN20100224_221005_000000432087_00129_41766_6625.N1	24-FEB-2010 22:10:05	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41766	No
175	GOM_NL__2PRFIN20100224_221241_000000482087_00129_41766_6626.N1	24-FEB-2010 22:12:41	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41766	No
176	GOM_NL__2PRFIN20100224_221523_000000402087_00129_41766_6627.N1	24-FEB-2010 22:15:23	Dark	39.500	147	Alp Ara	2.8770	26000.	79	41766	No
177	GOM_NL__2PRFIN20100224_222431_000000432087_00130_41767_6622.N1	24-FEB-2010 22:24:31	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41767	No
178	GOM_NL__2PRFIN20100224_222929_000000442087_00130_41767_6623.N1	24-FEB-2010 22:29:29	Dark	43.500	64	Gam Cen	2.2000	10600.	87	41767	No
179	GOM_NL__2PRFIN20100224_223253_000000442087_00130_41767_6624.N1	24-FEB-2010 22:32:53	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41767	No
180	GOM_NL__2PRFIN20100224_224543_000000462087_00130_41767_6625.N1	24-FEB-2010 22:45:43	Twilight_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	41767	No
181	GOM_NL__2PRFIN20100224_225532_000000422087_00130_41767_6626.N1	24-FEB-2010 22:55:32	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41767	No
182	GOM_NL__2PRFIN20100224_230804_000000462087_00130_41767_6627.N1	24-FEB-2010 23:08:04	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	41767	No
183	GOM_NL__2PRFIN20100224_231509_000000412087_00130_41767_6628.N1	24-FEB-2010 23:15:09	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41767	No
184	GOM_NL__2PRFIN20100224_232440_000000612087_00130_41767_6629.N1	24-FEB-2010 23:24:40	Bright	61.000	69	33Gam Dra	2.2310	3800.0	122	41767	No
185	GOM_NL__2PRFIN20100224_232854_000000432087_00130_41767_6630.N1	24-FEB-2010 23:28:54	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	41767	No
186	GOM_NL__2PRFIN20100224_233614_000000372087_00130_41767_6631.N1	24-FEB-2010 23:36:14	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41767	No
187	GOM_NL__2PRFIN20100224_235041_000000452087_00130_41767_6632.N1	24-FEB-2010 23:50:41	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41767	No
188	GOM_NL__2PRFIN20100224_235318_000000472087_00130_41767_6633.N1	24-FEB-2010 23:53:18	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41767	No
189	GOM_NL__2PRFIN20100224_235600_000000432087_00130_41767_6634.N1	24-FEB-2010 23:56:00	Dark	43.000	147	Alp Ara	2.8770	26000.	86	41767	No

3. Quality information per product

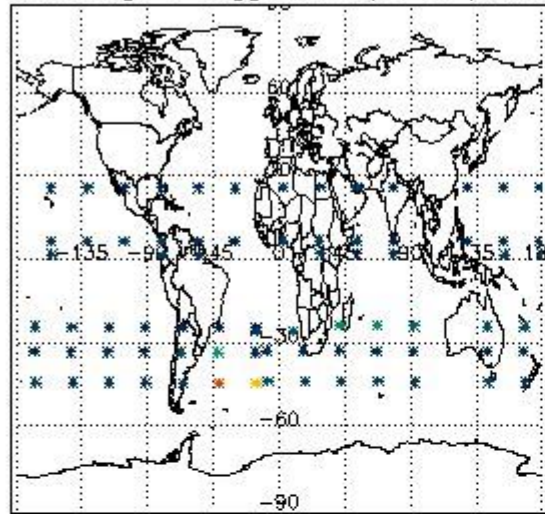
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

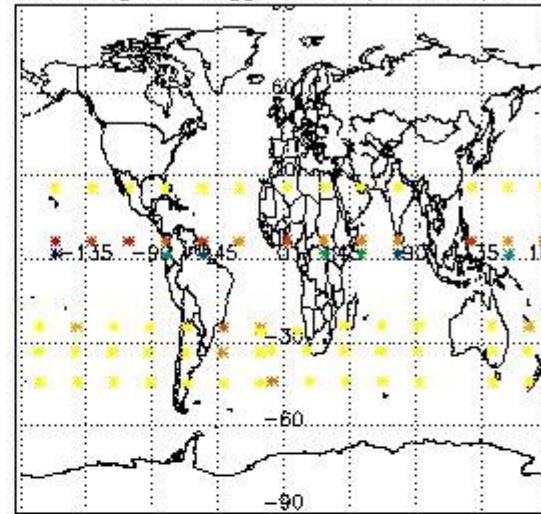


3.2 Plot quality information per product (world map)

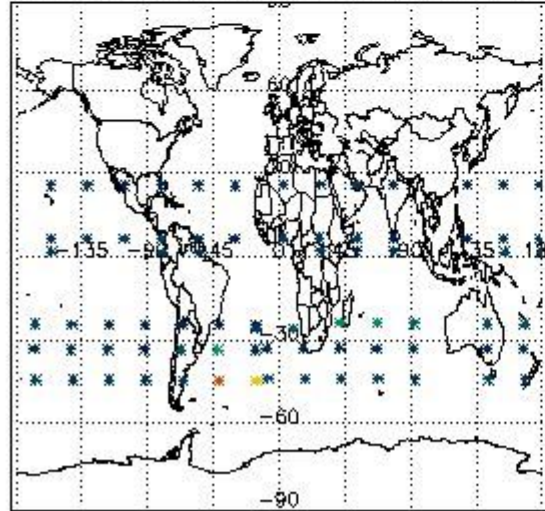
Percentage of flagged data per O3 profile



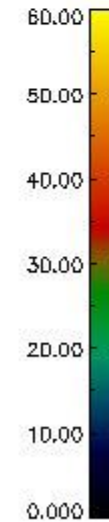
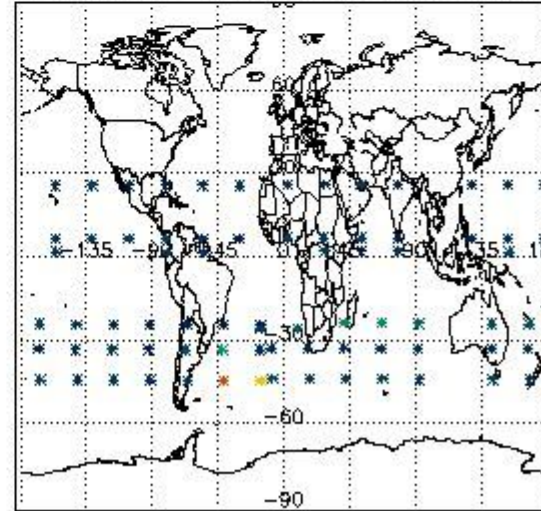
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

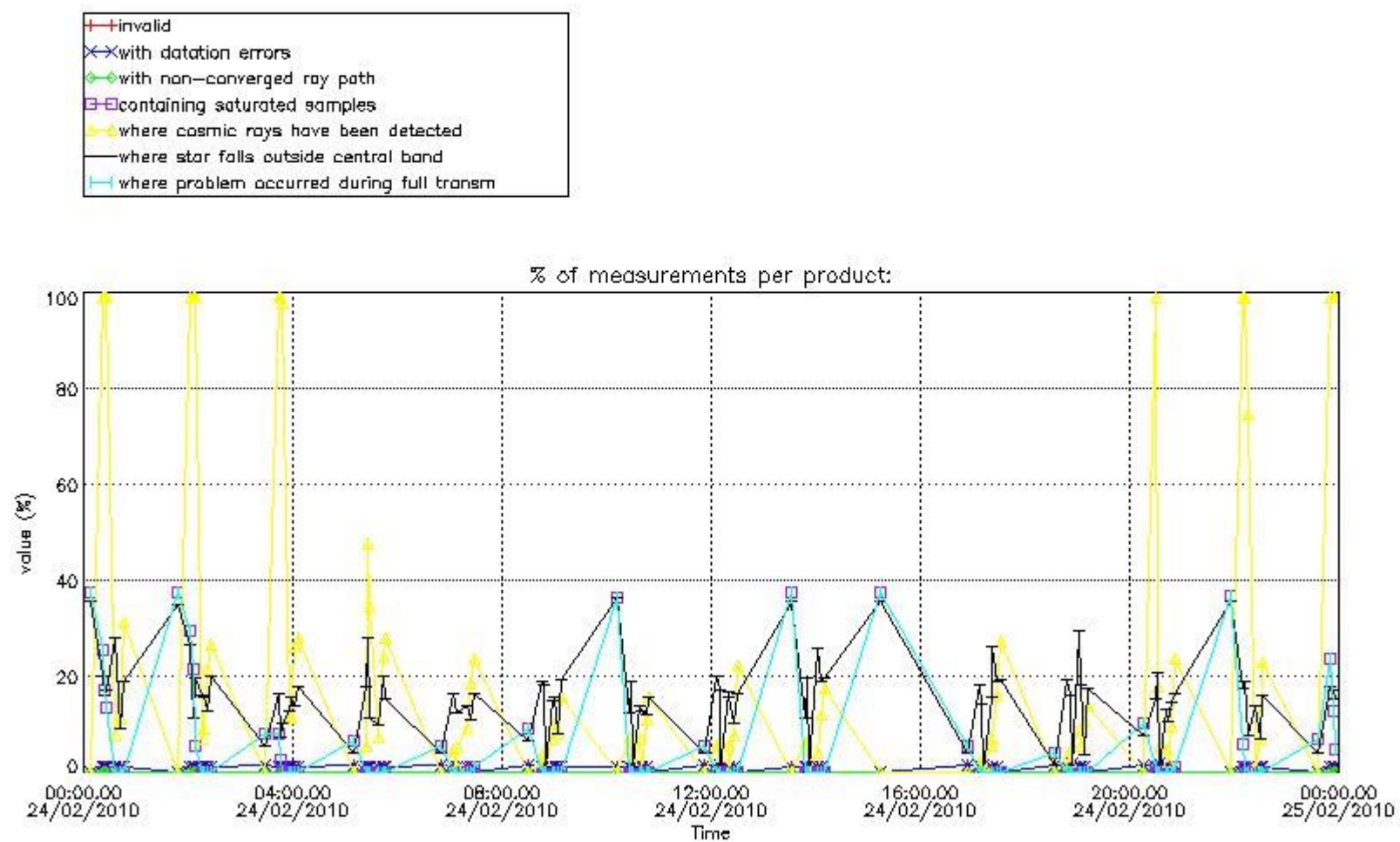


4. Level 1 quality information per product

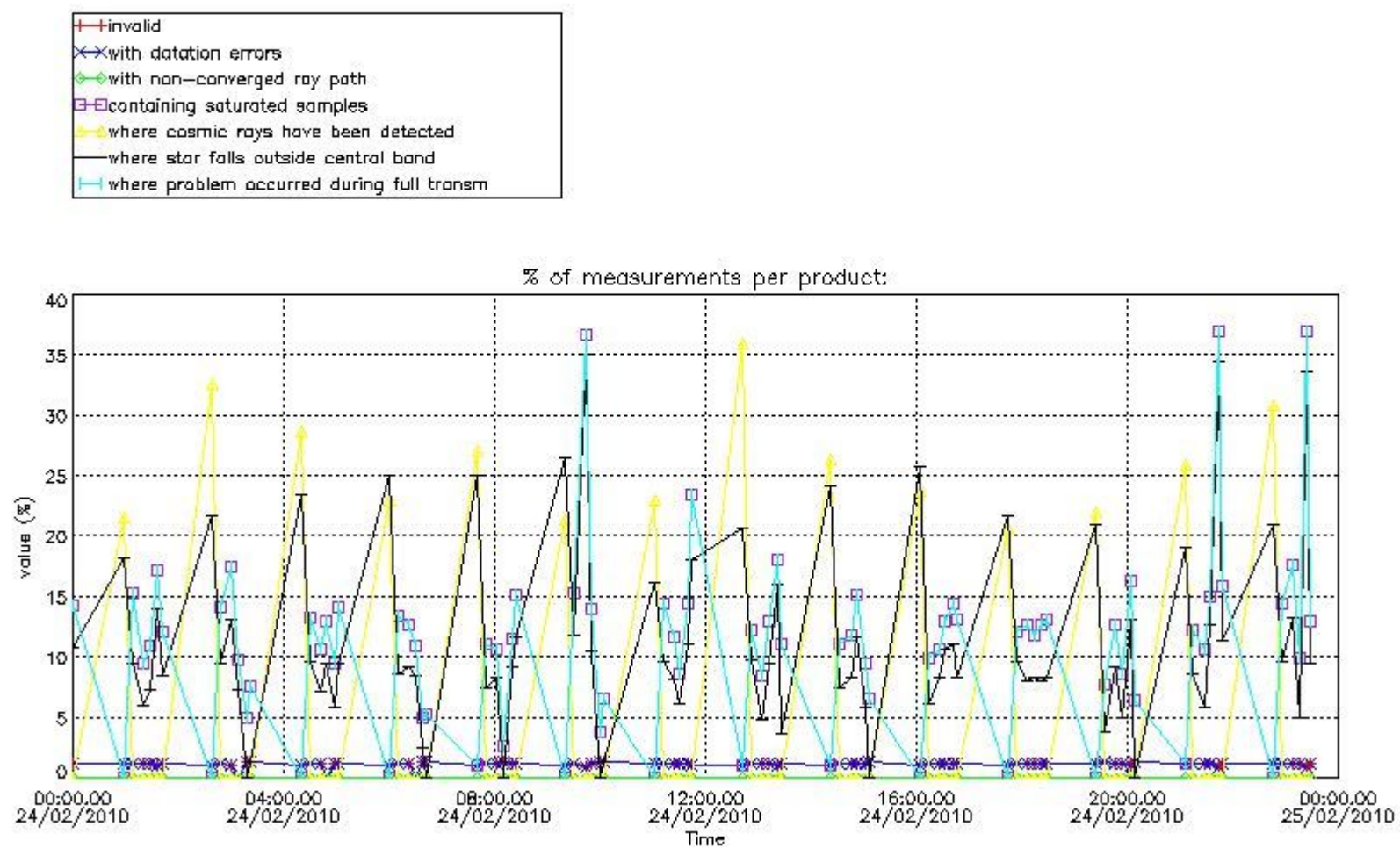
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



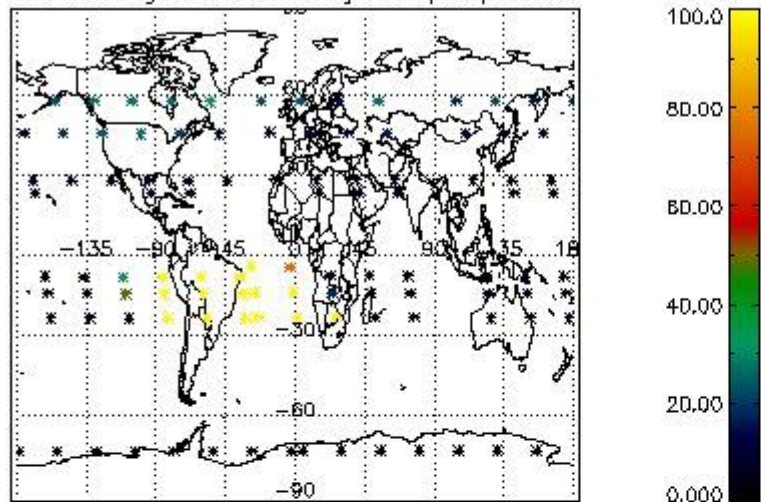
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



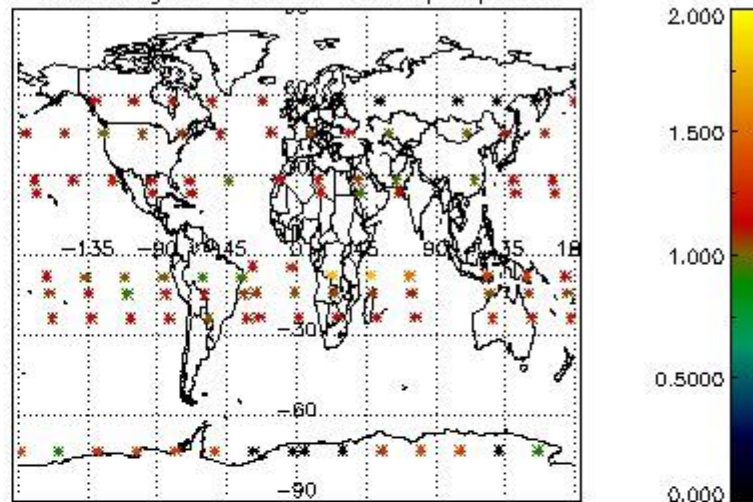
4.2 Plot quality information per product coming from level 1b processing (world map)

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

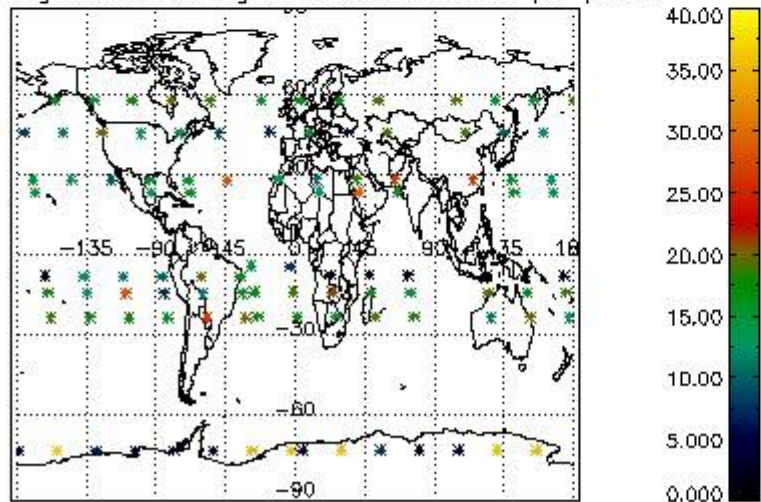
Percentage of cosmic ray hits per profile



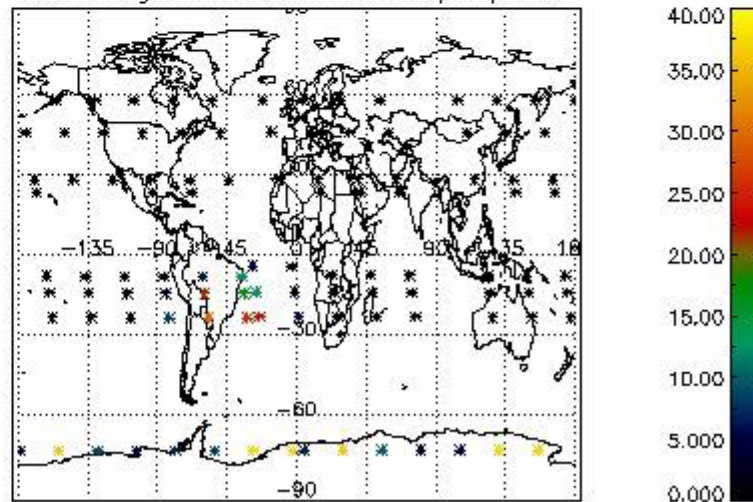
Percentage of datation errors per profile



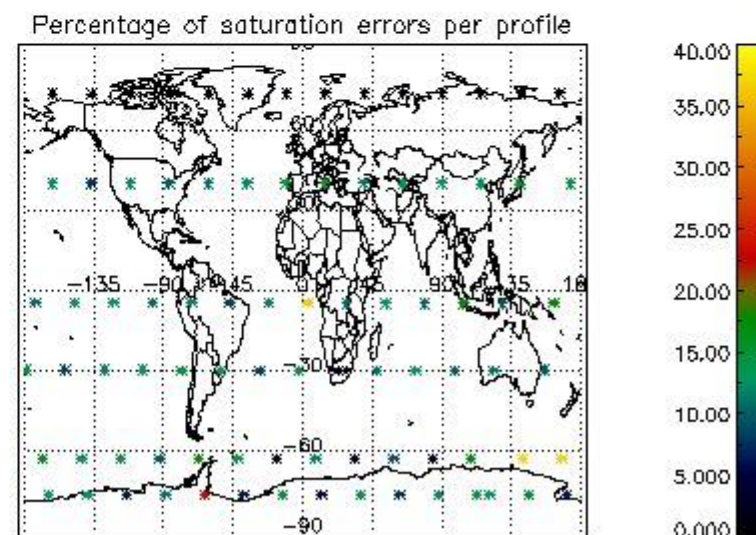
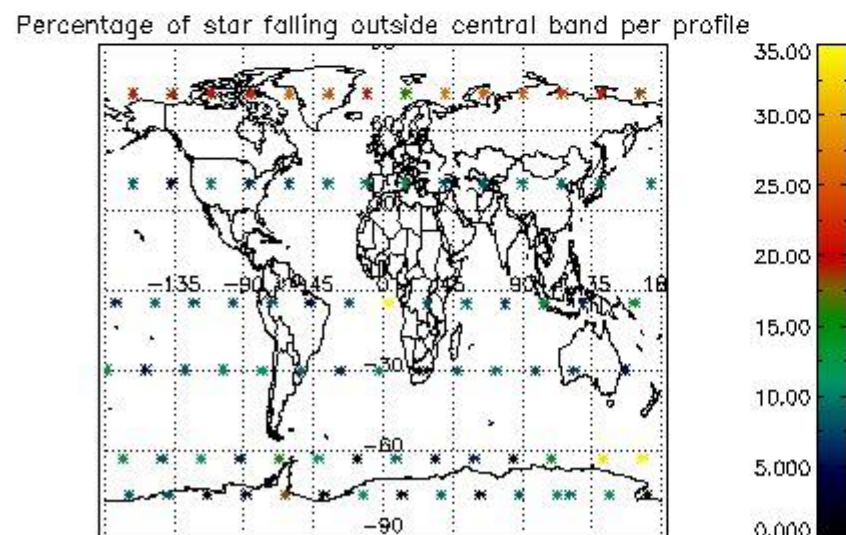
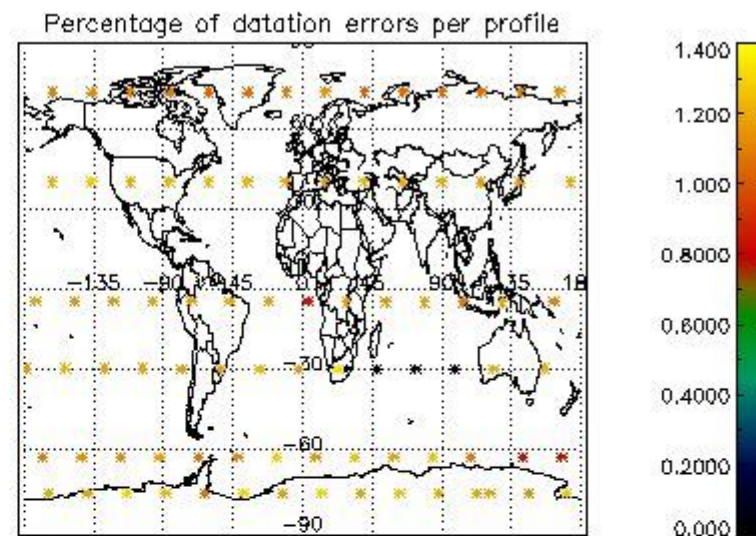
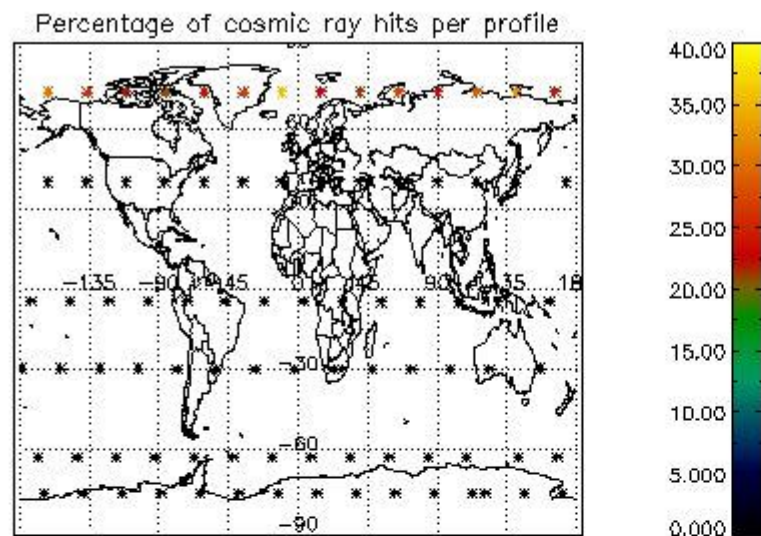
Percentage of star falling outside central band per profile



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

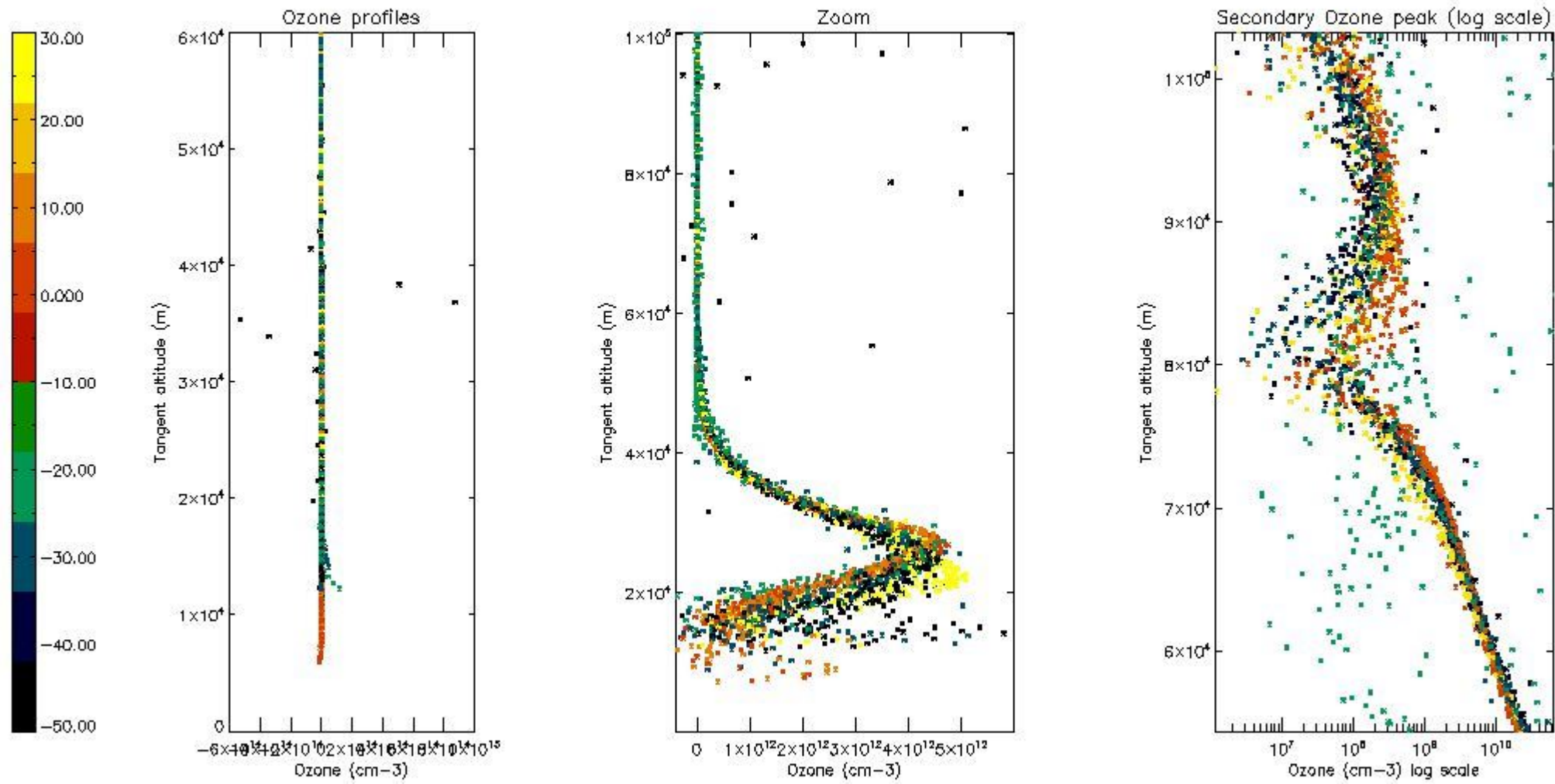
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	22

STD < 10	19
STD < 5	13

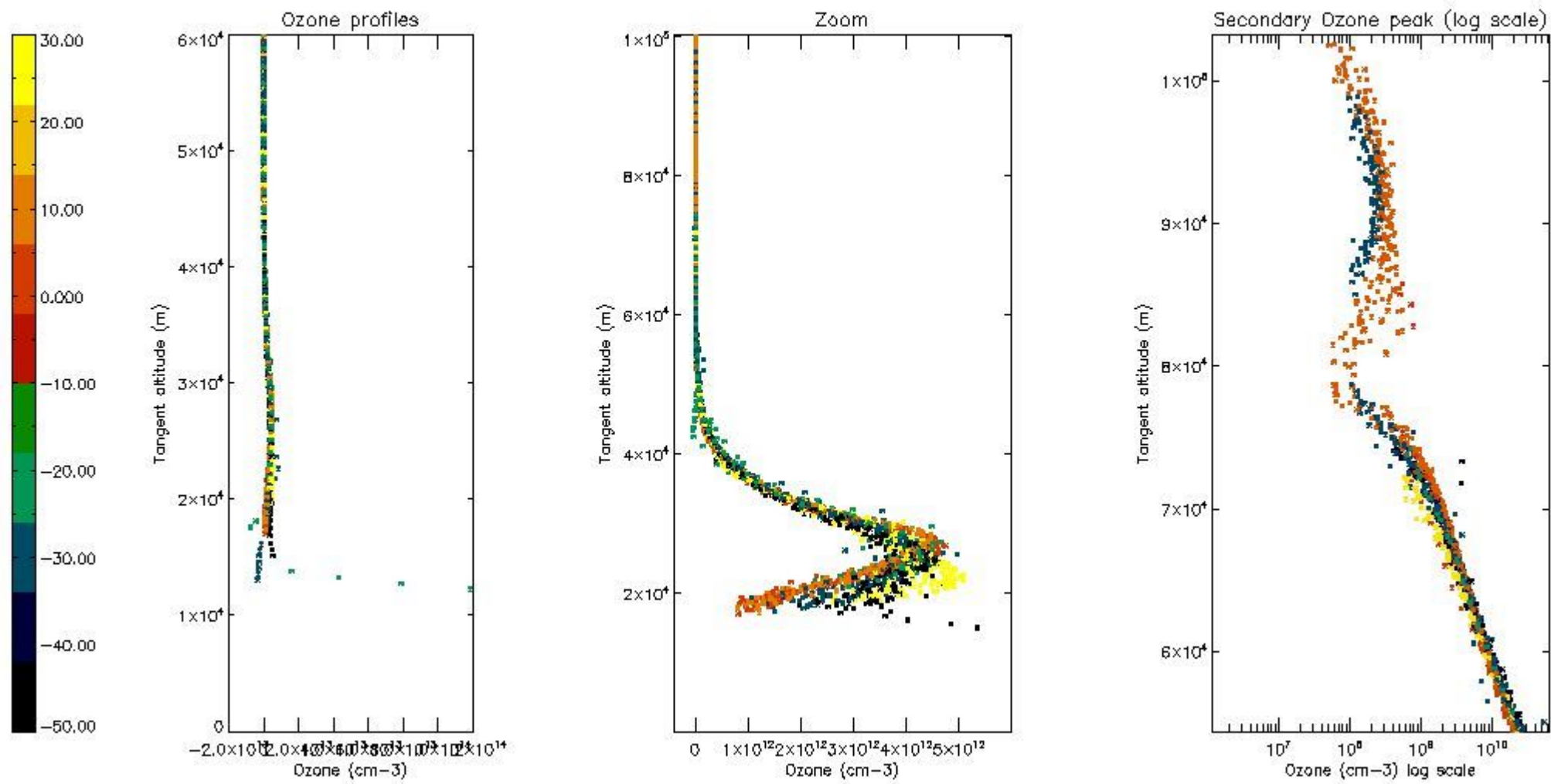
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



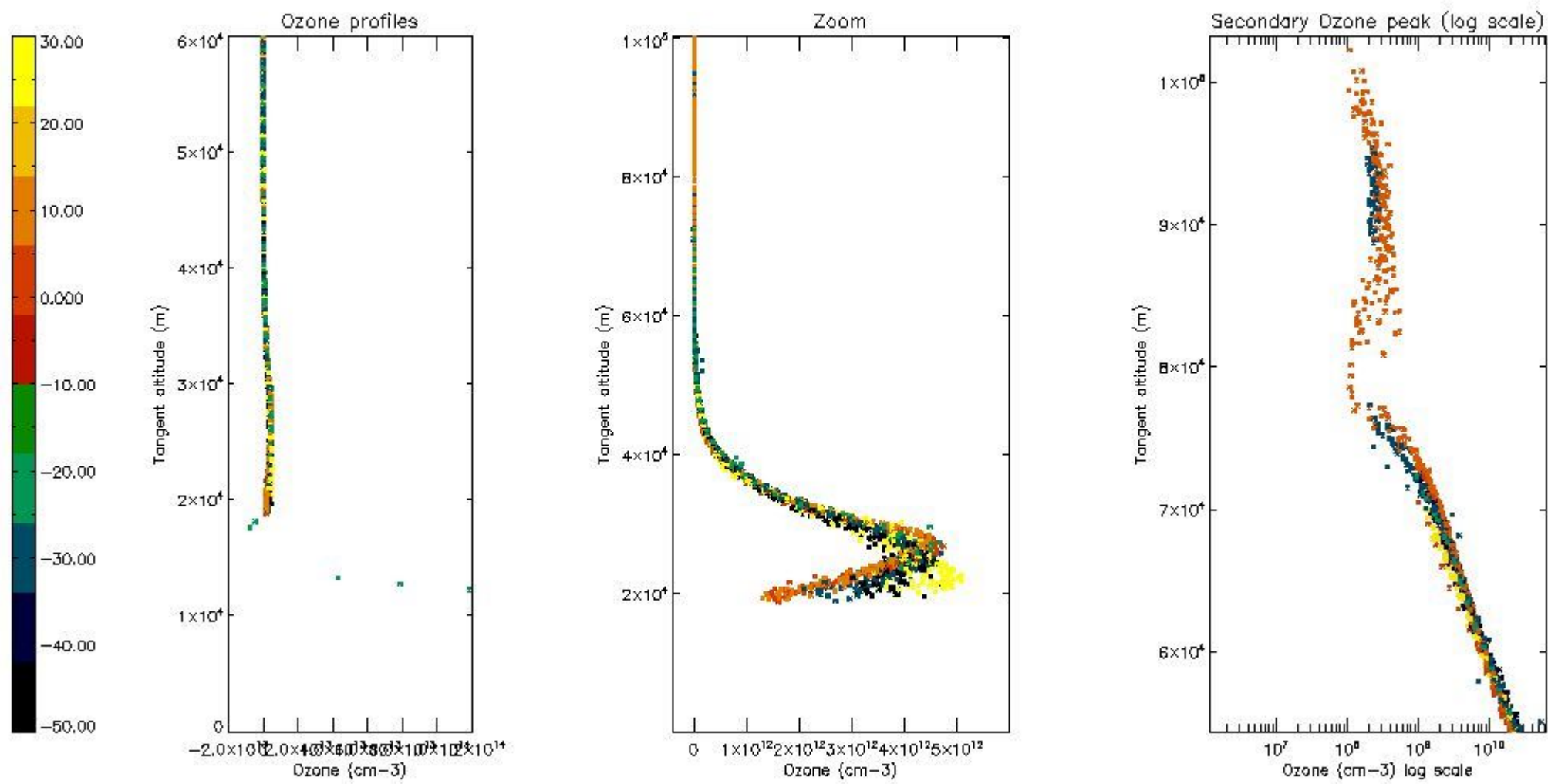
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



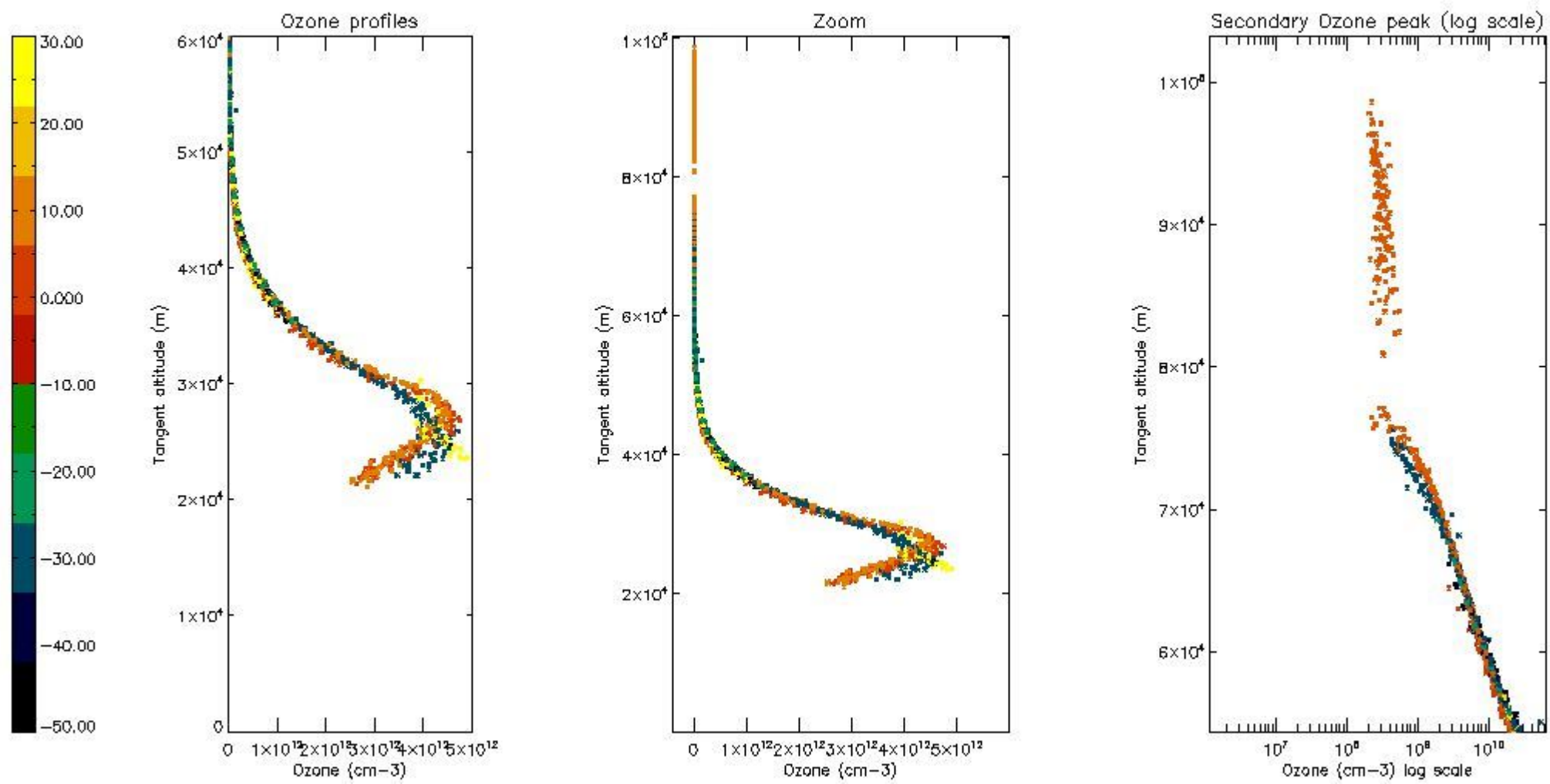
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



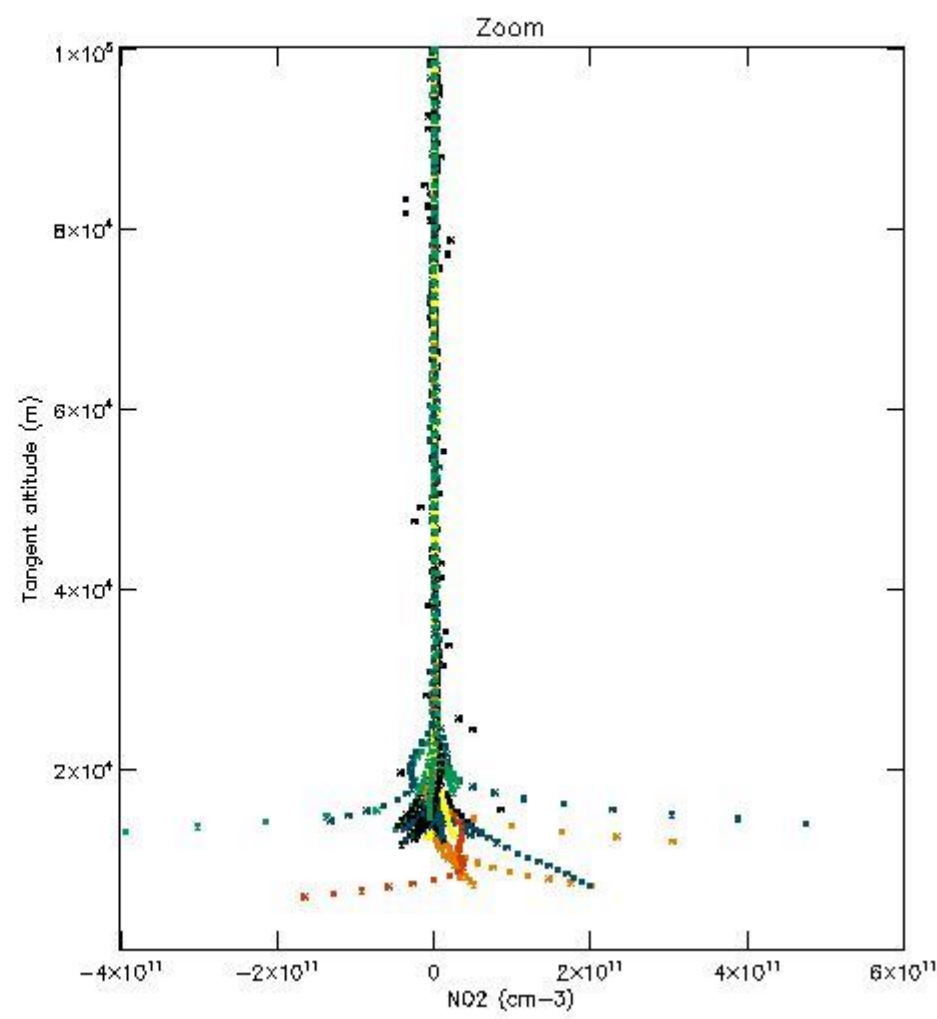
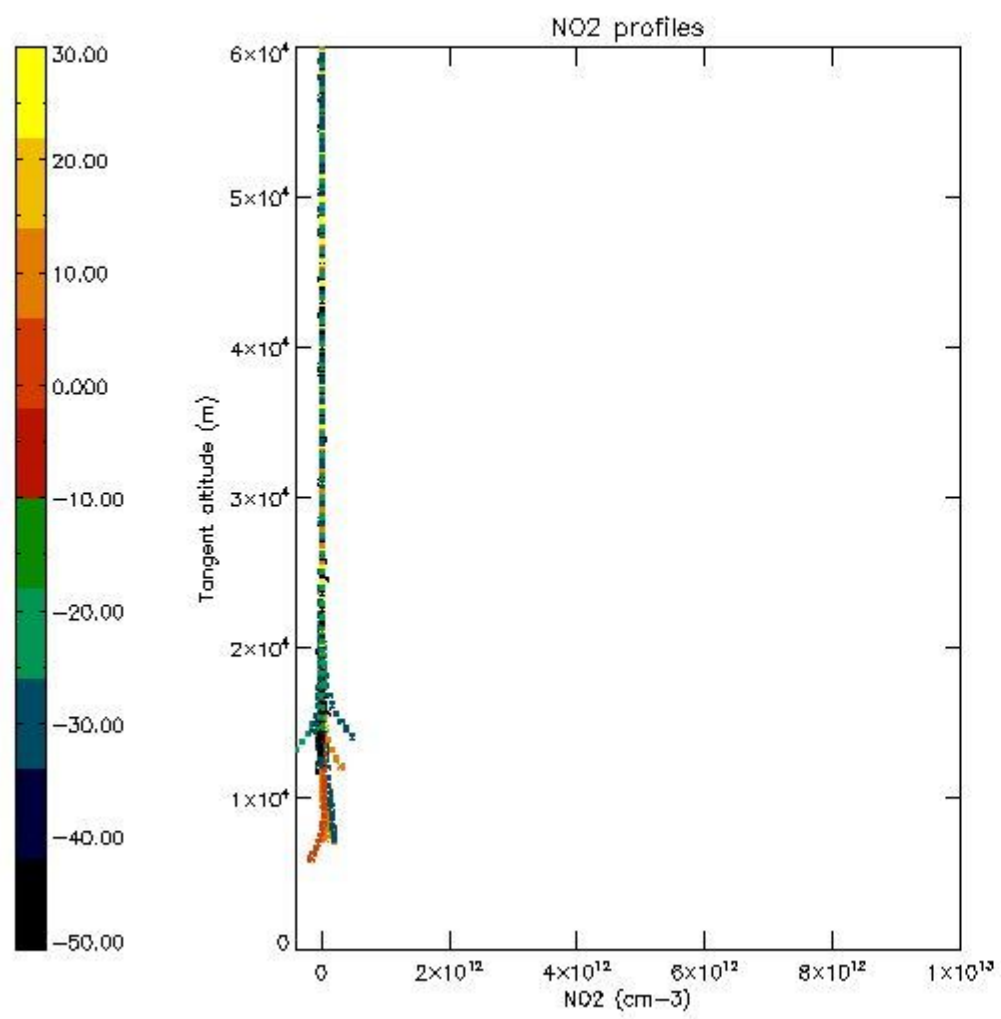
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



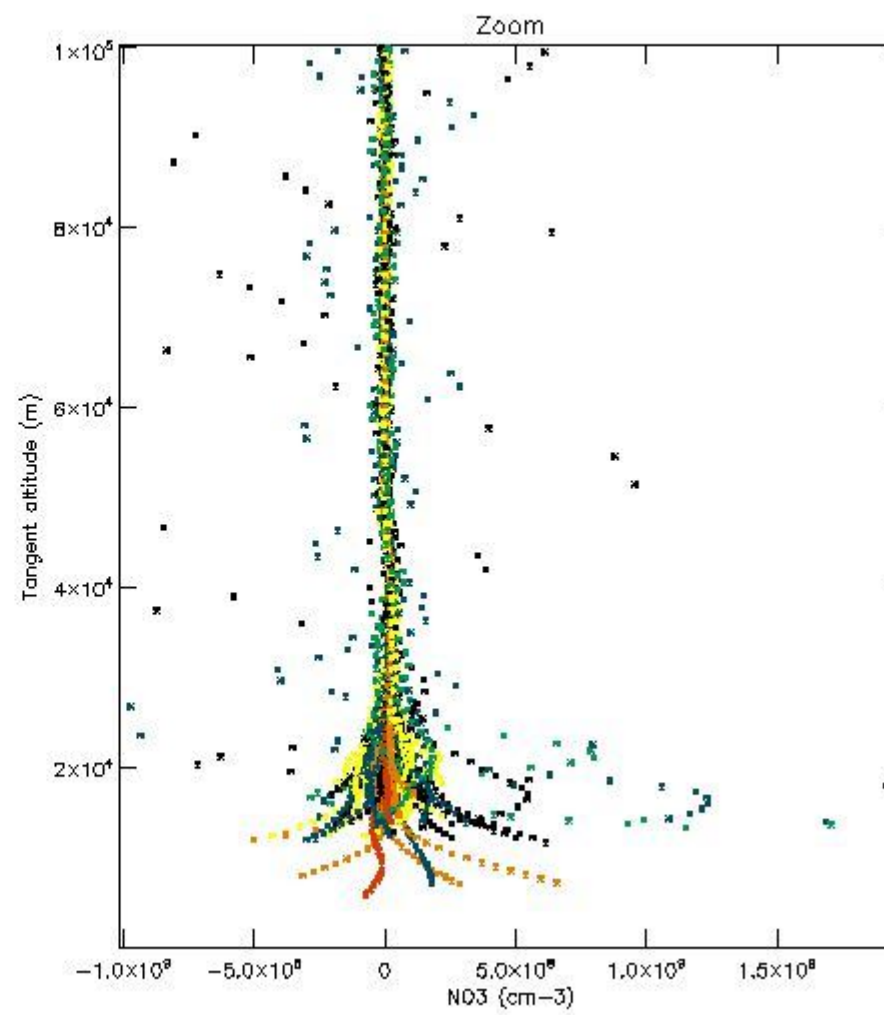
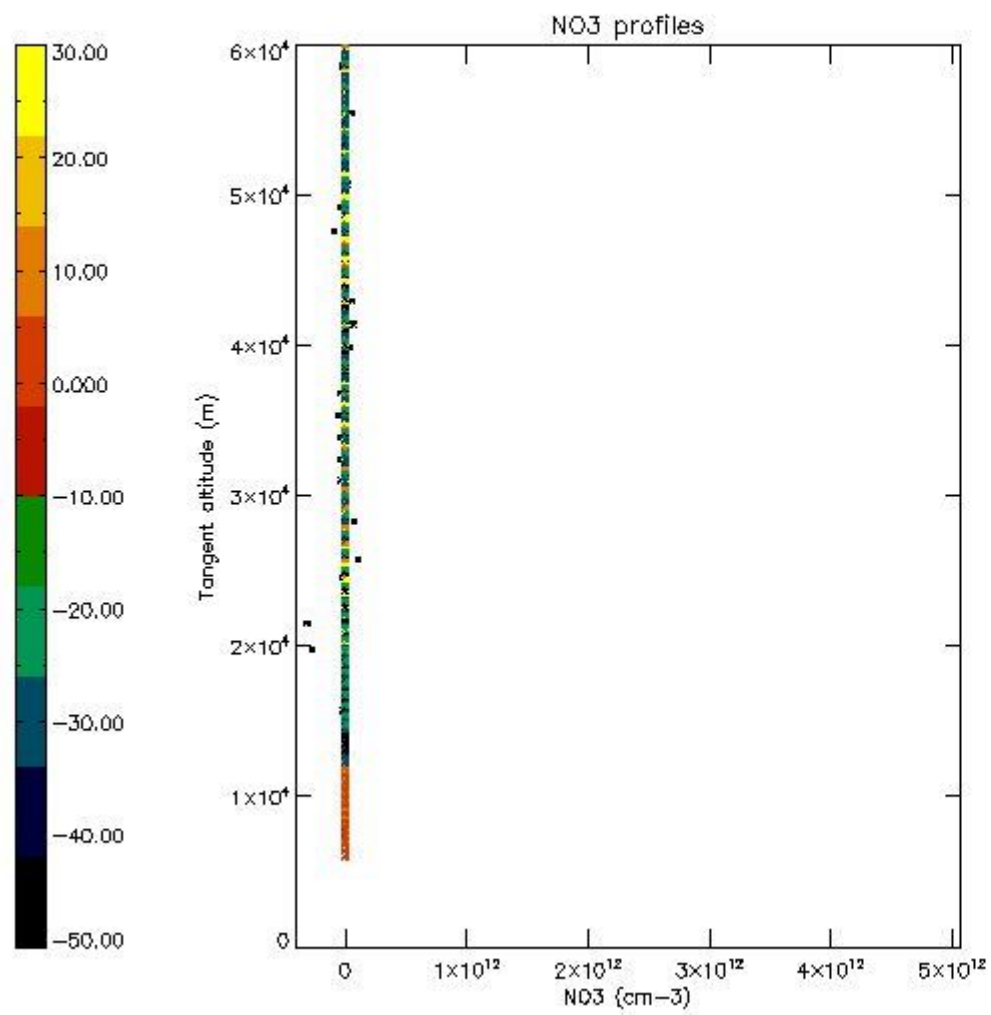
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-FEB-2010 00:00:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-FEB-2010 00:00:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-FEB-2010 00:00:30

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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	26APR2013 17:36:21
Data source version	GOMOS/6.01
Start time of products	24-02-2010 (24FEB2010 00:00:00)
Stop time of products	25-02-2010 (25FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	189
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20100224_000030_00000422087_00116_41753_6474.N1	24-FEB-2010 00:00:30	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41753	No
2	GOM_NL__2PRFIN20100224_000747_000000552087_00116_41753_6475.N1	24-FEB-2010 00:07:47	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41753	No
3	GOM_NL__2PRFIN20100224_002210_000000452087_00116_41753_6476.N1	24-FEB-2010 00:22:10	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41753	No
4	GOM_NL__2PRFIN20100224_002444_000000472087_00116_41753_6477.N1	24-FEB-2010 00:24:44	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41753	No
5	GOM_NL__2PRFIN20100224_002629_000000532087_00116_41753_6478.N1	24-FEB-2010 00:26:29	Dark	52.500	75	26Eps Sco	2.2910	4250.0	105	41753	No
6	GOM_NL__2PRFIN20100224_003636_000000522087_00117_41754_6474.N1	24-FEB-2010 00:36:36	Dark	52.000	10	Bet Cen	0.61000	28000.	104	41754	No
7	GOM_NL__2PRFIN20100224_004133_000000452087_00117_41754_6475.N1	24-FEB-2010 00:41:33	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41754	No
8	GOM_NL__2PRFIN20100224_004501_000000452087_00117_41754_6476.N1	24-FEB-2010 00:45:01	Straylight	45.000	113	Mu Vel	2.6920	5000.0	90	41754	No
9	GOM_NL__2PRFIN20100224_005755_000000442087_00117_41754_6477.N1	24-FEB-2010 00:57:55	Twilight_and_stray	44.000	48	30Alp Hya	1.9770	4100.0	88	41754	No
10	GOM_NL__2PRFIN20100224_010748_000000432087_00117_41754_6478.N1	24-FEB-2010 01:07:48	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41754	No
11	GOM_NL__2PRFIN20100224_012023_000000422087_00117_41754_6479.N1	24-FEB-2010 01:20:23	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	41754	No
12	GOM_NL__2PRFIN20100224_012726_000000422087_00117_41754_6480.N1	24-FEB-2010 01:27:26	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41754	No
13	GOM_NL__2PRFIN20100224_013654_000000472087_00117_41754_6481.N1	24-FEB-2010 01:36:54	Bright	46.500	69	33Gam Dra	2.2310	3800.0	93	41754	No
14	GOM_NL__2PRFIN20100224_014106_000000422087_00117_41754_6482.N1	24-FEB-2010 01:41:06	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41754	No
15	GOM_NL__2PRFIN20100224_014823_000000552087_00117_41754_6483.N1	24-FEB-2010 01:48:23	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41754	No
16	GOM_NL__2PRFIN20100224_020247_000000492087_00117_41754_6484.N1	24-FEB-2010 02:02:47	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	41754	No
17	GOM_NL__2PRFIN20100224_020521_000000442087_00117_41754_6485.N1	24-FEB-2010 02:05:21	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41754	No
18	GOM_NL__2PRFIN20100224_020706_000000542087_00117_41754_6486.N1	24-FEB-2010 02:07:06	Dark	53.500	75	26Eps Sco	2.2910	4250.0	107	41754	No
19	GOM_NL__2PRFIN20100224_021553_000000442087_00118_41755_6482.N1	24-FEB-2010 02:15:53	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	41755	No
20	GOM_NL__2PRFIN20100224_021712_000000452087_00118_41755_6483.N1	24-FEB-2010 02:17:12	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41755	No
21	GOM_NL__2PRFIN20100224_022210_000000472087_00118_41755_6484.N1	24-FEB-2010 02:22:10	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41755	No
22	GOM_NL__2PRFIN20100224_022537_000000452087_00118_41755_6485.N1	24-FEB-2010 02:25:37	Straylight	45.000	113	Mu Vel	2.6920	5000.0	90	41755	No
23	GOM_NL__2PRFIN20100224_023831_000000462087_00118_41755_6486.N1	24-FEB-2010 02:38:31	Twilight_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41755	No
24	GOM_NL__2PRFIN20100224_024824_000000432087_00118_41755_6487.N1	24-FEB-2010 02:48:24	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41755	No
25	GOM_NL__2PRFIN20100224_030058_000000462087_00118_41755_6488.N1	24-FEB-2010 03:00:58	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	41755	No
26	GOM_NL__2PRFIN20100224_030801_000000412087_00118_41755_6489.N1	24-FEB-2010 03:08:01	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41755	No
27	GOM_NL__2PRFIN20100224_031730_000000402087_00118_41755_6490.N1	24-FEB-2010 03:17:30	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	41755	No
28	GOM_NL__2PRFIN20100224_032142_000000402087_00118_41755_6491.N1	24-FEB-2010 03:21:42	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41755	No
29	GOM_NL__2PRFIN20100224_032859_000000382087_00118_41755_6492.N1	24-FEB-2010 03:28:59	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	41755	No
30	GOM_NL__2PRFIN20100224_034323_000000432087_00118_41755_6493.N1	24-FEB-2010 03:43:23	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41755	No
31	GOM_NL__2PRFIN20100224_034558_000000422087_00118_41755_6494.N1	24-FEB-2010 03:45:58	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41755	No
32	GOM_NL__2PRFIN20100224_034743_000000492087_00118_41755_6495.N1	24-FEB-2010 03:47:43	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41755	No
33	GOM_NL__2PRFIN20100224_035630_000000432087_00119_41756_6510.N1	24-FEB-2010 03:56:30	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	41756	No
34	GOM_NL__2PRFIN20100224_035749_000000452087_00119_41756_6511.N1	24-FEB-2010 03:57:49	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41756	No
35	GOM_NL__2PRFIN20100224_040247_000000482087_00119_41756_6512.N1	24-FEB-2010 04:02:47	Dark	47.500	64	Gam Cen	2.2000	10600.	95	41756	No
36	GOM_NL__2PRFIN20100224_040613_000000452087_00119_41756_6513.N1	24-FEB-2010 04:06:13	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41756	No
37	GOM_NL__2PRFIN20100224_041907_000000472087_00119_41756_6514.N1	24-FEB-2010 04:19:07	Twilight_and_stray	47.000	48	30Alp Hya	1.9770	4100.0	94	41756	No
38	GOM_NL__2PRFIN20100224_042900_000000422087_00119_41756_6515.N1	24-FEB-2010 04:29:00	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41756	No
39	GOM_NL__2PRFIN20100224_044134_000000432087_00119_41756_6516.N1	24-FEB-2010 04:41:34	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41756	No
40	GOM_NL__2PRFIN20100224_044836_000000432087_00119_41756_6517.N1	24-FEB-2010 04:48:36	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41756	No
41	GOM_NL__2PRFIN20100224_045806_000000432087_00119_41756_6518.N1	24-FEB-2010 04:58:06	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	41756	No
42	GOM_NL__2PRFIN20100224_050218_000000432087_00119_41756_6519.N1	24-FEB-2010 05:02:18	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	41756	No

43	GOM_NL__2PRFIN20100224_050936_000000382087_00119_41756_6520.N1	24-FEB-2010 05:09:36	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	41756	No
44	GOM_NL__2PRFIN20100224_052400_000000452087_00119_41756_6521.N1	24-FEB-2010 05:24:00	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41756	No
45	GOM_NL__2PRFIN20100224_052634_000000542087_00119_41756_6522.N1	24-FEB-2010 05:26:34	Dark	53.500	25	35Lam Sco	1.6200	28000.	107	41756	No
46	GOM_NL__2PRFIN20100224_052820_000000492087_00119_41756_6523.N1	24-FEB-2010 05:28:20	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41756	No
47	GOM_NL__2PRFIN20100224_053826_000000422087_00120_41757_6518.N1	24-FEB-2010 05:38:26	Dark	41.500	10	Bet Cen	0.61000	28000.	83	41757	No
48	GOM_NL__2PRFIN20100224_054323_000000502087_00120_41757_6519.N1	24-FEB-2010 05:43:23	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41757	No
49	GOM_NL__2PRFIN20100224_054650_000000432087_00120_41757_6520.N1	24-FEB-2010 05:46:50	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41757	No
50	GOM_NL__2PRFIN20100224_055943_000000482087_00120_41757_6521.N1	24-FEB-2010 05:59:43	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41757	No
51	GOM_NL__2PRFIN20100224_060936_000000412087_00120_41757_6522.N1	24-FEB-2010 06:09:36	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41757	No
52	GOM_NL__2PRFIN20100224_062209_000000442087_00120_41757_6523.N1	24-FEB-2010 06:22:09	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41757	No
53	GOM_NL__2PRFIN20100224_062912_000000422087_00120_41757_6524.N1	24-FEB-2010 06:29:12	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41757	No
54	GOM_NL__2PRFIN20100224_063842_000000402087_00120_41757_6525.N1	24-FEB-2010 06:38:42	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	41757	No
55	GOM_NL__2PRFIN20100224_064254_000000392087_00120_41757_6526.N1	24-FEB-2010 06:42:54	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41757	No
56	GOM_NL__2PRFIN20100224_065012_000000372087_00120_41757_6527.N1	24-FEB-2010 06:50:12	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41757	No
57	GOM_NL__2PRFIN20100224_070436_000000432087_00120_41757_6528.N1	24-FEB-2010 07:04:36	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41757	No
58	GOM_NL__2PRFIN20100224_070711_000000442087_00120_41757_6529.N1	24-FEB-2010 07:07:11	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41757	No
59	GOM_NL__2PRFIN20100224_070857_000000492087_00120_41757_6530.N1	24-FEB-2010 07:08:57	Dark	49.000	75	26Eps Sco	2.2910	4250.0	98	41757	No
60	GOM_NL__2PRFIN20100224_071902_000000442087_00121_41758_6526.N1	24-FEB-2010 07:19:02	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41758	No
61	GOM_NL__2PRFIN20100224_072400_000000462087_00121_41758_6527.N1	24-FEB-2010 07:24:00	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41758	No
62	GOM_NL__2PRFIN20100224_072727_000000432087_00121_41758_6528.N1	24-FEB-2010 07:27:27	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	41758	No
63	GOM_NL__2PRFIN20100224_074019_000000482087_00121_41758_6529.N1	24-FEB-2010 07:40:19	Tw_i_and_stray	48.000	48	30Alp Hya	1.9770	4100.0	96	41758	No
64	GOM_NL__2PRFIN20100224_075011_000000412087_00121_41758_6530.N1	24-FEB-2010 07:50:11	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41758	No
65	GOM_NL__2PRFIN20100224_080245_000000432087_00121_41758_6531.N1	24-FEB-2010 08:02:45	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41758	No
66	GOM_NL__2PRFIN20100224_080948_000000382087_00121_41758_6532.N1	24-FEB-2010 08:09:48	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41758	No
67	GOM_NL__2PRFIN20100224_081918_000000442087_00121_41758_6533.N1	24-FEB-2010 08:19:18	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41758	No
68	GOM_NL__2PRFIN20100224_082330_000000432087_00121_41758_6534.N1	24-FEB-2010 08:23:30	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	41758	No
69	GOM_NL__2PRFIN20100224_083048_000000392087_00121_41758_6535.N1	24-FEB-2010 08:30:48	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	41758	No
70	GOM_NL__2PRFIN20100224_084513_000000452087_00121_41758_6536.N1	24-FEB-2010 08:45:13	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41758	No
71	GOM_NL__2PRFIN20100224_084748_000000472087_00121_41758_6537.N1	24-FEB-2010 08:47:48	Dark	47.000	25	35Lam Sco	1.6200	28000.	94	41758	No
72	GOM_NL__2PRFIN20100224_084934_000000442087_00121_41758_6538.N1	24-FEB-2010 08:49:34	Dark	44.000	75	26Eps Sco	2.2910	4250.0	88	41758	No
73	GOM_NL__2PRFIN20100224_085819_000000442087_00122_41759_6534.N1	24-FEB-2010 08:58:19	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41759	No
74	GOM_NL__2PRFIN20100224_085939_000000452087_00122_41759_6535.N1	24-FEB-2010 08:59:39	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41759	No
75	GOM_NL__2PRFIN20100224_090437_000000452087_00122_41759_6536.N1	24-FEB-2010 09:04:37	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41759	No
76	GOM_NL__2PRFIN20100224_090803_000000452087_00122_41759_6537.N1	24-FEB-2010 09:08:03	Straylight	44.500	113	Mu Vel	2.6920	5000.0	89	41759	No
77	GOM_NL__2PRFIN20100224_092055_000000492087_00122_41759_6538.N1	24-FEB-2010 09:20:55	Tw_i_and_stray	49.000	48	30Alp Hya	1.9770	4100.0	98	41759	No
78	GOM_NL__2PRFIN20100224_093047_000000432087_00122_41759_6539.N1	24-FEB-2010 09:30:47	Bright	42.500	166	17Eps Leo	2.9800	6000.0	85	41759	No
79	GOM_NL__2PRFIN20100224_094320_000000602087_00122_41759_6540.N1	24-FEB-2010 09:43:20	Bright	60.000	36	50Alp UMa	1.8000	6300.0	120	41759	No
80	GOM_NL__2PRFIN20100224_095024_000000432087_00122_41759_6541.N1	24-FEB-2010 09:50:24	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41759	No
81	GOM_NL__2PRFIN20100224_095954_000000392087_00122_41759_6542.N1	24-FEB-2010 09:59:54	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	41759	No
82	GOM_NL__2PRFIN20100224_100406_000000392087_00122_41759_6543.N1	24-FEB-2010 10:04:06	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41759	No
83	GOM_NL__2PRFIN20100224_101124_000000552087_00122_41759_6544.N1	24-FEB-2010 10:11:24	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41759	No
84	GOM_NL__2PRFIN20100224_102549_000000412087_00122_41759_6545.N1	24-FEB-2010 10:25:49	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	41759	No
85	GOM_NL__2PRFIN20100224_102825_000000482087_00122_41759_6546.N1	24-FEB-2010 10:28:25	Dark	47.500	25	35Lam Sco	1.6200	28000.	95	41759	No
86	GOM_NL__2PRFIN20100224_103011_000000442087_00122_41759_6547.N1	24-FEB-2010 10:30:11	Dark	44.000	75	26Eps Sco	2.2910	4250.0	88	41759	No
87	GOM_NL__2PRFIN20100224_103856_000000432087_00123_41760_6542.N1	24-FEB-2010 10:38:56	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	41760	No
88	GOM_NL__2PRFIN20100224_104015_000000442087_00123_41760_6543.N1	24-FEB-2010 10:40:15	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41760	No
89	GOM_NL__2PRFIN20100224_104513_000000462087_00123_41760_6544.N1	24-FEB-2010 10:45:13	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41760	No
90	GOM_NL__2PRFIN20100224_104839_000000422087_00123_41760_6545.N1	24-FEB-2010 10:48:39	Straylight	42.000	113	Mu Vel	2.6920	5000.0	84	41760	No
91	GOM_NL__2PRFIN20100224_110131_000000442087_00123_41760_6546.N1	24-FEB-2010 11:01:31	Tw_i_and_stray	43.500	48	30Alp Hya	1.9770	4100.0	87	41760	No
92	GOM_NL__2PRFIN20100224_111123_000000422087_00123_41760_6547.N1	24-FEB-2010 11:11:23	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41760	No
93	GOM_NL__2PRFIN20100224_112356_000000432087_00123_41760_6548.N1	24-FEB-2010 11:23:56	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	41760	No
94	GOM_NL__2PRFIN20100224_113059_000000412087_00123_41760_6549.N1	24-FEB-2010 11:30:59	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41760	No
95	GOM_NL__2PRFIN20100224_114029_000000452087_00123_41760_6550.N1	24-FEB-2010 11:40:29	Bright	45.000	69	33Gam Dra	2.2310	3800.0	90	41760	No
96	GOM_NL__2PRFIN20100224_114442_000000472087_00123_41760_6551.N1	24-FEB-2010 11:44:42	Bright	47.000	5	3Alp Lyr	0.033000	11000.	94	41760	No
97	GOM_NL__2PRFIN20100224_115201_000000372087_00123_41760_6552.N1	24-FEB-2010 11:52:01	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41760	No
98	GOM_NL__2PRFIN20100224_120626_000000452087_00123_41760_6553.N1	24-FEB-2010 12:06:26	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41760	No
99	GOM_NL__2PRFIN20100224_120901_000000472087_00123_41760_6554.N1	24-FEB-2010 12:09:01	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41760	No
100	GOM_NL__2PRFIN20100224_121048_000000382087_00123_41760_6555.N1	24-FEB-2010 12:10:48	Dark	38.000	75	26Eps Sco	2.2910	4250.0	76	41760	No
101	GOM_NL__2PRFIN20100224_121932_000000452087_00124_41761_6554.N1	24-FEB-2010 12:19:32	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	41761	No

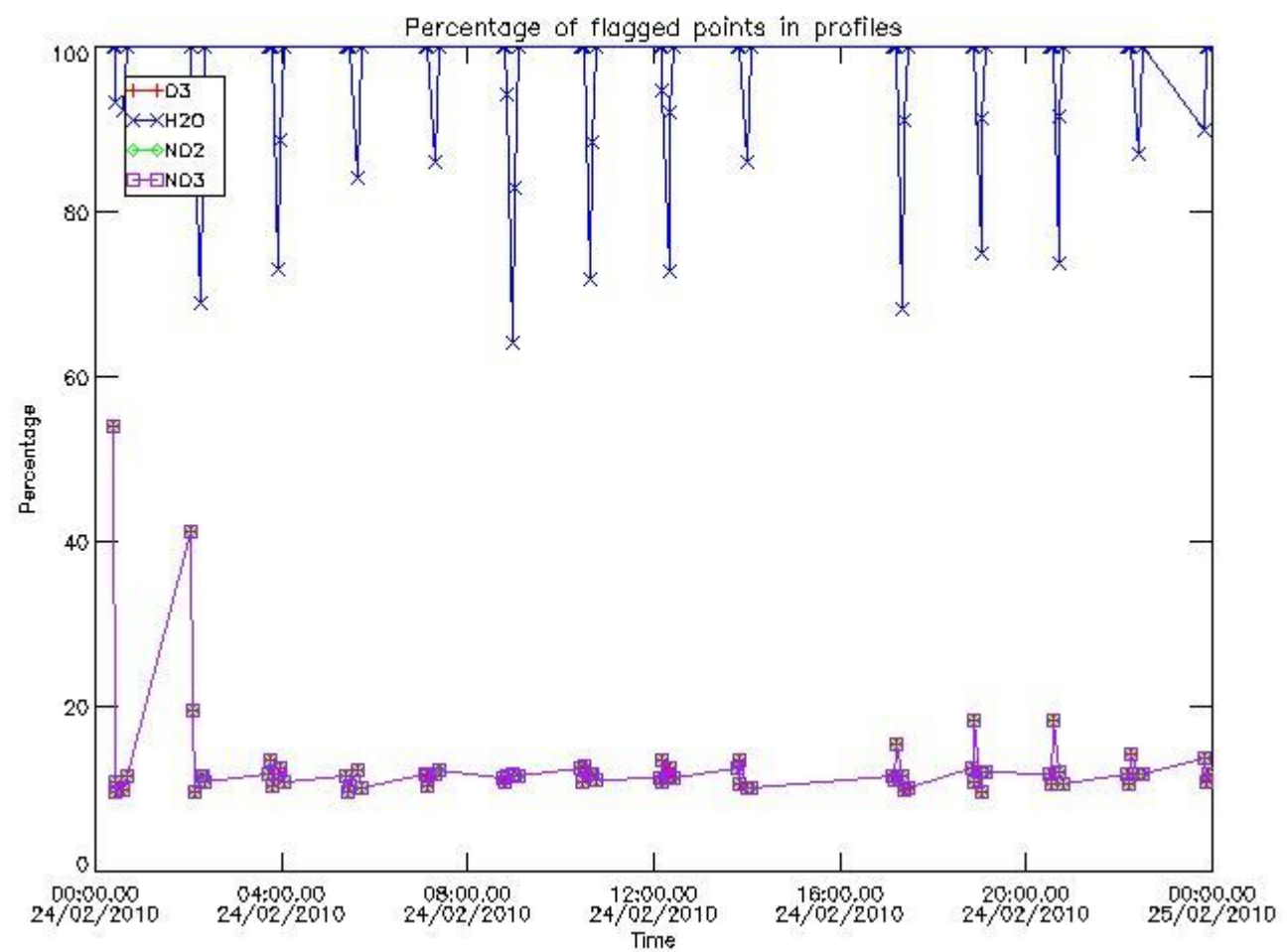
102	GOM_NL__2PRFIN20100224_122052_000000452087_00124_41761_6555.N1	24-FEB-2010 12:20:52	Dark	44.500	10	Bet Cen	0.61000	28000.	89	41761	No
103	GOM_NL__2PRFIN20100224_122549_000000452087_00124_41761_6556.N1	24-FEB-2010 12:25:49	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41761	No
104	GOM_NL__2PRFIN20100224_122915_000000432087_00124_41761_6557.N1	24-FEB-2010 12:29:15	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41761	No
105	GOM_NL__2PRFIN20100224_124207_000000462087_00124_41761_6558.N1	24-FEB-2010 12:42:07	Tw_i_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41761	No
106	GOM_NL__2PRFIN20100224_125158_000000412087_00124_41761_6559.N1	24-FEB-2010 12:51:58	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41761	No
107	GOM_NL__2PRFIN20100224_130431_000000422087_00124_41761_6560.N1	24-FEB-2010 13:04:31	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	41761	No
108	GOM_NL__2PRFIN20100224_131135_000000432087_00124_41761_6561.N1	24-FEB-2010 13:11:35	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41761	No
109	GOM_NL__2PRFIN20100224_132105_000000472087_00124_41761_6562.N1	24-FEB-2010 13:21:05	Bright	47.000	69	33Gam Dra	2.2310	3800.0	94	41761	No
110	GOM_NL__2PRFIN20100224_132518_000000412087_00124_41761_6563.N1	24-FEB-2010 13:25:18	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41761	No
111	GOM_NL__2PRFIN20100224_133237_000000552087_00124_41761_6564.N1	24-FEB-2010 13:32:37	Bright	55.000	168	17Zet Aql	2.9860	11000.	110	41761	No
112	GOM_NL__2PRFIN20100224_134702_000000412087_00124_41761_6565.N1	24-FEB-2010 13:47:02	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	41761	No
113	GOM_NL__2PRFIN20100224_134938_000000492087_00124_41761_6566.N1	24-FEB-2010 13:49:38	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	41761	No
114	GOM_NL__2PRFIN20100224_135125_000000382087_00124_41761_6567.N1	24-FEB-2010 13:51:25	Dark	38.000	75	26Eps Sco	2.2910	4250.0	76	41761	No
115	GOM_NL__2PRFIN20100224_140128_000000512087_00125_41762_6562.N1	24-FEB-2010 14:01:28	Dark	50.500	10	Bet Cen	0.61000	28000.	101	41762	No
116	GOM_NL__2PRFIN20100224_140626_000000502087_00125_41762_6563.N1	24-FEB-2010 14:06:26	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41762	No
117	GOM_NL__2PRFIN20100224_140952_000000432087_00125_41762_6564.N1	24-FEB-2010 14:09:52	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41762	No
118	GOM_NL__2PRFIN20100224_142243_000000482087_00125_41762_6565.N1	24-FEB-2010 14:22:43	Tw_i_and_stray	47.500	48	30Alp Hya	1.9770	4100.0	95	41762	No
119	GOM_NL__2PRFIN20100224_143234_000000412087_00125_41762_6566.N1	24-FEB-2010 14:32:34	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41762	No
120	GOM_NL__2PRFIN20100224_144507_000000432087_00125_41762_6567.N1	24-FEB-2010 14:45:07	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41762	No
121	GOM_NL__2PRFIN20100224_145210_000000432087_00125_41762_6568.N1	24-FEB-2010 14:52:10	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41762	No
122	GOM_NL__2PRFIN20100224_150141_000000432087_00125_41762_6569.N1	24-FEB-2010 15:01:41	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	41762	No
123	GOM_NL__2PRFIN20100224_150554_000000392087_00125_41762_6570.N1	24-FEB-2010 15:05:54	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41762	No
124	GOM_NL__2PRFIN20100224_151313_000000552087_00125_41762_6571.N1	24-FEB-2010 15:13:13	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41762	No
125	GOM_NL__2PRFIN20100224_160319_000000492087_00126_41763_6570.N1	24-FEB-2010 16:03:19	Tw_i_and_stray	48.500	48	30Alp Hya	1.9770	4100.0	97	41763	No
126	GOM_NL__2PRFIN20100224_161309_000000412087_00126_41763_6571.N1	24-FEB-2010 16:13:09	Bright	40.500	166	17Eps Leo	2.9800	6000.0	81	41763	No
127	GOM_NL__2PRFIN20100224_162542_000000432087_00126_41763_6572.N1	24-FEB-2010 16:25:42	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41763	No
128	GOM_NL__2PRFIN20100224_163246_000000432087_00126_41763_6573.N1	24-FEB-2010 16:32:46	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41763	No
129	GOM_NL__2PRFIN20100224_164217_000000452087_00126_41763_6574.N1	24-FEB-2010 16:42:17	Bright	45.000	69	33Gam Dra	2.2310	3800.0	90	41763	No
130	GOM_NL__2PRFIN20100224_164630_000000422087_00126_41763_6575.N1	24-FEB-2010 16:46:30	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41763	No
131	GOM_NL__2PRFIN20100224_165349_000000372087_00126_41763_6576.N1	24-FEB-2010 16:53:49	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41763	No
132	GOM_NL__2PRFIN20100224_170815_000000442087_00126_41763_6577.N1	24-FEB-2010 17:08:15	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41763	No
133	GOM_NL__2PRFIN20100224_171051_000000462087_00126_41763_6578.N1	24-FEB-2010 17:10:51	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	41763	No
134	GOM_NL__2PRFIN20100224_171239_000000332087_00126_41763_6579.N1	24-FEB-2010 17:12:39	Dark	33.000	75	26Eps Sco	2.2910	4250.0	66	41763	No
135	GOM_NL__2PRFIN20100224_172122_000000452087_00127_41764_6578.N1	24-FEB-2010 17:21:22	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	41764	No
136	GOM_NL__2PRFIN20100224_172241_000000522087_00127_41764_6579.N1	24-FEB-2010 17:22:41	Dark	51.500	10	Bet Cen	0.61000	28000.	103	41764	No
137	GOM_NL__2PRFIN20100224_172740_000000502087_00127_41764_6580.N1	24-FEB-2010 17:27:40	Dark	50.000	64	Gam Cen	2.2000	10600.	100	41764	No
138	GOM_NL__2PRFIN20100224_173104_000000442087_00127_41764_6581.N1	24-FEB-2010 17:31:04	Straylight	44.000	113	Mu Vel	2.6920	5000.0	88	41764	No
139	GOM_NL__2PRFIN20100224_174355_000000462087_00127_41764_6582.N1	24-FEB-2010 17:43:55	Tw_i_and_stray	46.000	48	30Alp Hya	1.9770	4100.0	92	41764	No
140	GOM_NL__2PRFIN20100224_175345_000000422087_00127_41764_6583.N1	24-FEB-2010 17:53:45	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41764	No
141	GOM_NL__2PRFIN20100224_180618_000000442087_00127_41764_6584.N1	24-FEB-2010 18:06:18	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41764	No
142	GOM_NL__2PRFIN20100224_181322_000000432087_00127_41764_6585.N1	24-FEB-2010 18:13:22	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41764	No
143	GOM_NL__2PRFIN20100224_182253_000000442087_00127_41764_6586.N1	24-FEB-2010 18:22:53	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	41764	No
144	GOM_NL__2PRFIN20100224_182706_000000422087_00127_41764_6587.N1	24-FEB-2010 18:27:06	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41764	No
145	GOM_NL__2PRFIN20100224_183425_000000372087_00127_41764_6588.N1	24-FEB-2010 18:34:25	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	41764	No
146	GOM_NL__2PRFIN20100224_184852_000000452087_00127_41764_6589.N1	24-FEB-2010 18:48:52	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41764	No
147	GOM_NL__2PRFIN20100224_185128_000000472087_00127_41764_6590.N1	24-FEB-2010 18:51:28	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41764	No
148	GOM_NL__2PRFIN20100224_185316_000000282087_00127_41764_6591.N1	24-FEB-2010 18:53:16	Dark	28.000	75	26Eps Sco	2.2910	4250.0	56	41764	No
149	GOM_NL__2PRFIN20100224_190159_000000532087_00128_41765_6586.N1	24-FEB-2010 19:01:59	Dark	52.500	4	Alp1Cen	-0.010000	5800.0	105	41765	No
150	GOM_NL__2PRFIN20100224_190318_000000472087_00128_41765_6587.N1	24-FEB-2010 19:03:18	Dark	46.500	10	Bet Cen	0.61000	28000.	93	41765	No
151	GOM_NL__2PRFIN20100224_190816_000000432087_00128_41765_6588.N1	24-FEB-2010 19:08:16	Dark	42.500	64	Gam Cen	2.2000	10600.	85	41765	No
152	GOM_NL__2PRFIN20100224_191140_000000432087_00128_41765_6589.N1	24-FEB-2010 19:11:40	Straylight	43.000	113	Mu Vel	2.6920	5000.0	86	41765	No
153	GOM_NL__2PRFIN20100224_192431_000000462087_00128_41765_6590.N1	24-FEB-2010 19:24:31	Tw_i_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	41765	No
154	GOM_NL__2PRFIN20100224_193421_000000392087_00128_41765_6591.N1	24-FEB-2010 19:34:21	Bright	39.000	166	17Eps Leo	2.9800	6000.0	78	41765	No
155	GOM_NL__2PRFIN20100224_194653_000000442087_00128_41765_6592.N1	24-FEB-2010 19:46:53	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	41765	No
156	GOM_NL__2PRFIN20100224_195357_000000412087_00128_41765_6593.N1	24-FEB-2010 19:53:57	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41765	No
157	GOM_NL__2PRFIN20100224_200328_000000462087_00128_41765_6594.N1	24-FEB-2010 20:03:28	Bright	46.000	69	33Gam Dra	2.2310	3800.0	92	41765	No
158	GOM_NL__2PRFIN20100224_200742_000000392087_00128_41765_6595.N1	24-FEB-2010 20:07:42	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41765	No
159	GOM_NL__2PRFIN20100224_201502_000000392087_00128_41765_6596.N1	24-FEB-2010 20:15:02	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	41765	No
160	GOM_NL__2PRFIN20100224_202928_000000432087_00128_41765_6597.N1	24-FEB-2010 20:29:28	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41765	No

161	GOM_NL__2PRFIN20100224_203205_000000482087_00128_41765_6598.N1	24-FEB-2010 20:32:05	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41765	No
162	GOM_NL__2PRFIN20100224_203353_000000282087_00128_41765_6599.N1	24-FEB-2010 20:33:53	Dark	28.000	75	26Eps Sco	2.2910	4250.0	56	41765	No
163	GOM_NL__2PRFIN20100224_204235_000000432087_00129_41766_6614.N1	24-FEB-2010 20:42:35	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	41766	No
164	GOM_NL__2PRFIN20100224_204355_000000432087_00129_41766_6615.N1	24-FEB-2010 20:43:55	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41766	No
165	GOM_NL__2PRFIN20100224_204853_000000482087_00129_41766_6616.N1	24-FEB-2010 20:48:53	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41766	No
166	GOM_NL__2PRFIN20100224_205217_000000432087_00129_41766_6617.N1	24-FEB-2010 20:52:17	Straylight	42.500	113	Mu Vel	2.6920	5000.0	85	41766	No
167	GOM_NL__2PRFIN20100224_210507_000000452087_00129_41766_6618.N1	24-FEB-2010 21:05:07	Twilight_and_stray	44.500	48	30Alp Hya	1.9770	4100.0	89	41766	No
168	GOM_NL__2PRFIN20100224_211456_000000412087_00129_41766_6619.N1	24-FEB-2010 21:14:56	Bright	41.000	166	17Eps Leo	2.9800	6000.0	82	41766	No
169	GOM_NL__2PRFIN20100224_212729_000000432087_00129_41766_6620.N1	24-FEB-2010 21:27:29	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	41766	No
170	GOM_NL__2PRFIN20100224_213433_000000442087_00129_41766_6621.N1	24-FEB-2010 21:34:33	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	41766	No
171	GOM_NL__2PRFIN20100224_214404_000000612087_00129_41766_6622.N1	24-FEB-2010 21:44:04	Bright	61.000	69	33Gam Dra	2.2310	3800.0	122	41766	No
172	GOM_NL__2PRFIN20100224_214818_000000442087_00129_41766_6623.N1	24-FEB-2010 21:48:18	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	41766	No
173	GOM_NL__2PRFIN20100224_215538_000000552087_00129_41766_6624.N1	24-FEB-2010 21:55:38	Bright	54.500	168	17Zet Aql	2.9860	11000.	109	41766	No
174	GOM_NL__2PRFIN20100224_221005_000000432087_00129_41766_6625.N1	24-FEB-2010 22:10:05	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41766	No
175	GOM_NL__2PRFIN20100224_221241_000000482087_00129_41766_6626.N1	24-FEB-2010 22:12:41	Dark	48.000	25	35Lam Sco	1.6200	28000.	96	41766	No
176	GOM_NL__2PRFIN20100224_221523_000000402087_00129_41766_6627.N1	24-FEB-2010 22:15:23	Dark	39.500	147	Alp Ara	2.8770	26000.	79	41766	No
177	GOM_NL__2PRFIN20100224_222431_000000432087_00130_41767_6622.N1	24-FEB-2010 22:24:31	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41767	No
178	GOM_NL__2PRFIN20100224_222929_000000442087_00130_41767_6623.N1	24-FEB-2010 22:29:29	Dark	43.500	64	Gam Cen	2.2000	10600.	87	41767	No
179	GOM_NL__2PRFIN20100224_223253_000000442087_00130_41767_6624.N1	24-FEB-2010 22:32:53	Straylight	43.500	113	Mu Vel	2.6920	5000.0	87	41767	No
180	GOM_NL__2PRFIN20100224_224543_000000462087_00130_41767_6625.N1	24-FEB-2010 22:45:43	Twilight_and_stray	45.500	48	30Alp Hya	1.9770	4100.0	91	41767	No
181	GOM_NL__2PRFIN20100224_225532_000000422087_00130_41767_6626.N1	24-FEB-2010 22:55:32	Bright	41.500	166	17Eps Leo	2.9800	6000.0	83	41767	No
182	GOM_NL__2PRFIN20100224_230804_000000462087_00130_41767_6627.N1	24-FEB-2010 23:08:04	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	41767	No
183	GOM_NL__2PRFIN20100224_231509_000000412087_00130_41767_6628.N1	24-FEB-2010 23:15:09	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	41767	No
184	GOM_NL__2PRFIN20100224_232440_000000612087_00130_41767_6629.N1	24-FEB-2010 23:24:40	Bright	61.000	69	33Gam Dra	2.2310	3800.0	122	41767	No
185	GOM_NL__2PRFIN20100224_232854_000000432087_00130_41767_6630.N1	24-FEB-2010 23:28:54	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	41767	No
186	GOM_NL__2PRFIN20100224_233614_000000372087_00130_41767_6631.N1	24-FEB-2010 23:36:14	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	41767	No
187	GOM_NL__2PRFIN20100224_235041_000000452087_00130_41767_6632.N1	24-FEB-2010 23:50:41	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41767	No
188	GOM_NL__2PRFIN20100224_235318_000000472087_00130_41767_6633.N1	24-FEB-2010 23:53:18	Dark	46.500	25	35Lam Sco	1.6200	28000.	93	41767	No
189	GOM_NL__2PRFIN20100224_235600_000000432087_00130_41767_6634.N1	24-FEB-2010 23:56:00	Dark	43.000	147	Alp Ara	2.8770	26000.	86	41767	No

3. Quality information per product

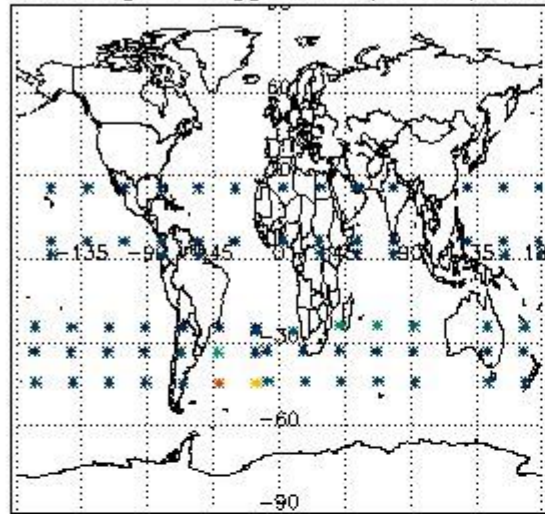
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

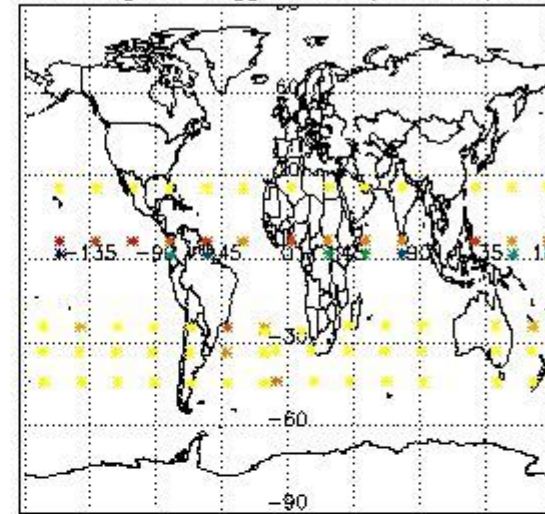


3.2 Plot quality information per product (world map)

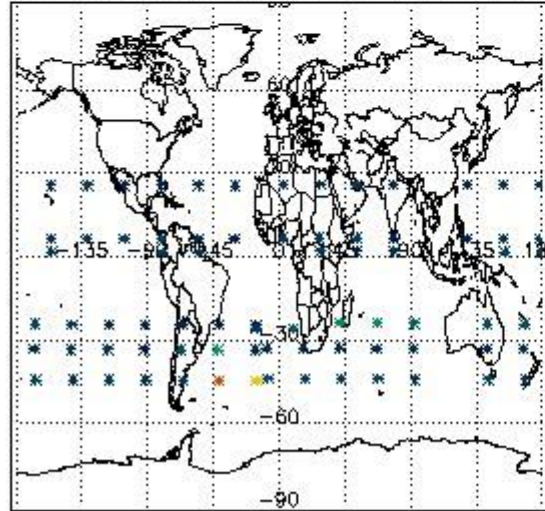
Percentage of flagged data per O3 profile



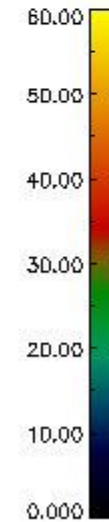
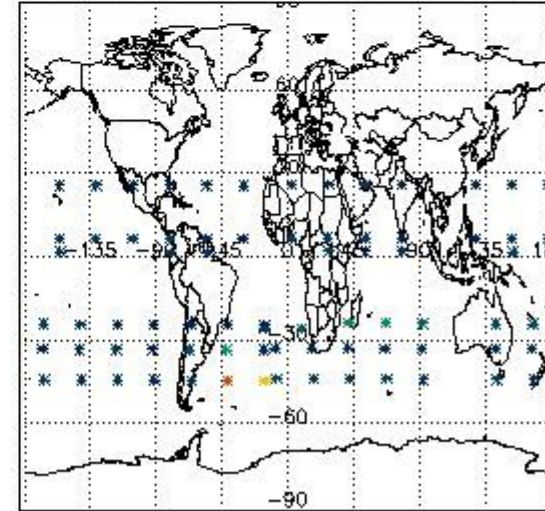
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

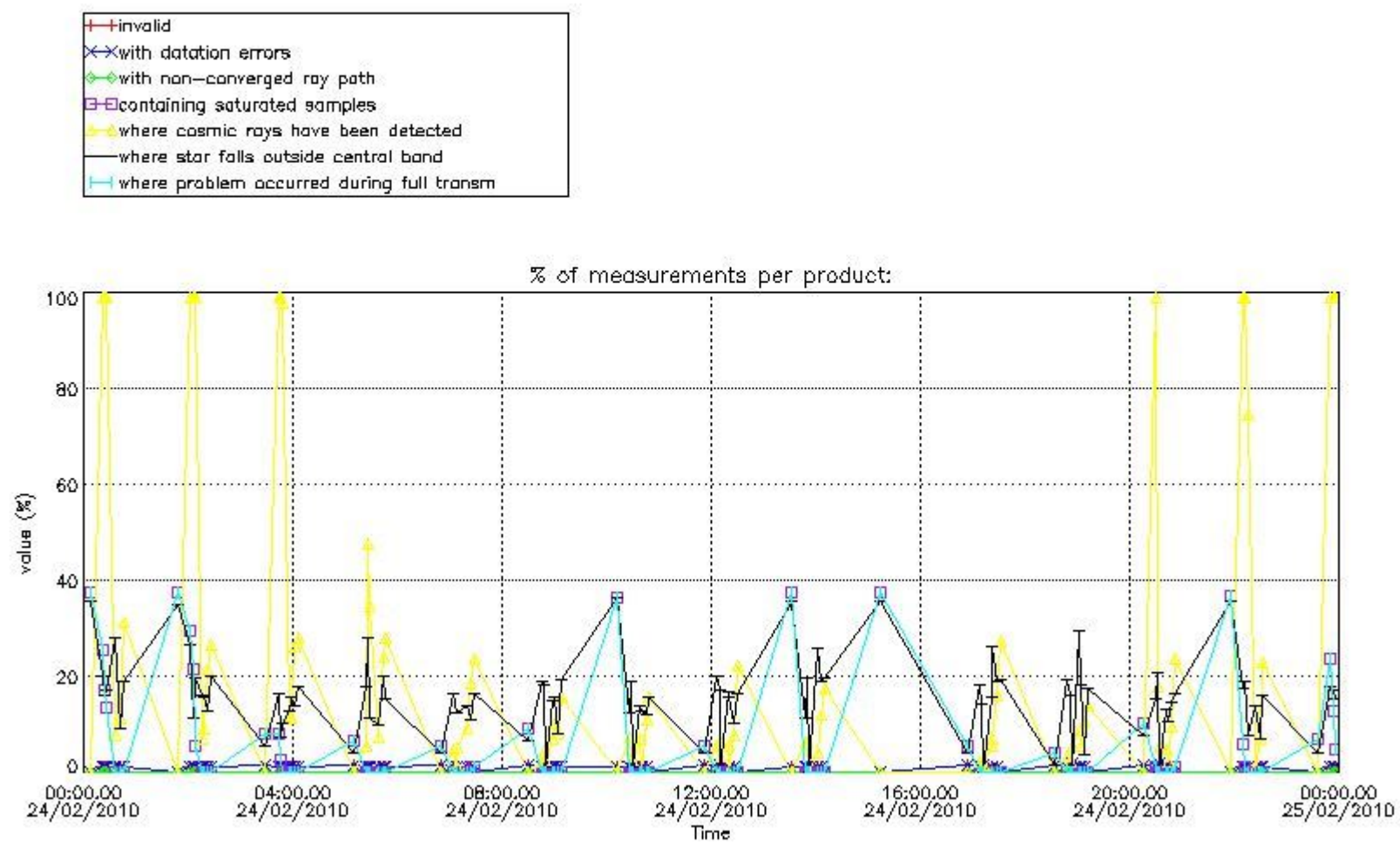


4. Level 1 quality information per product

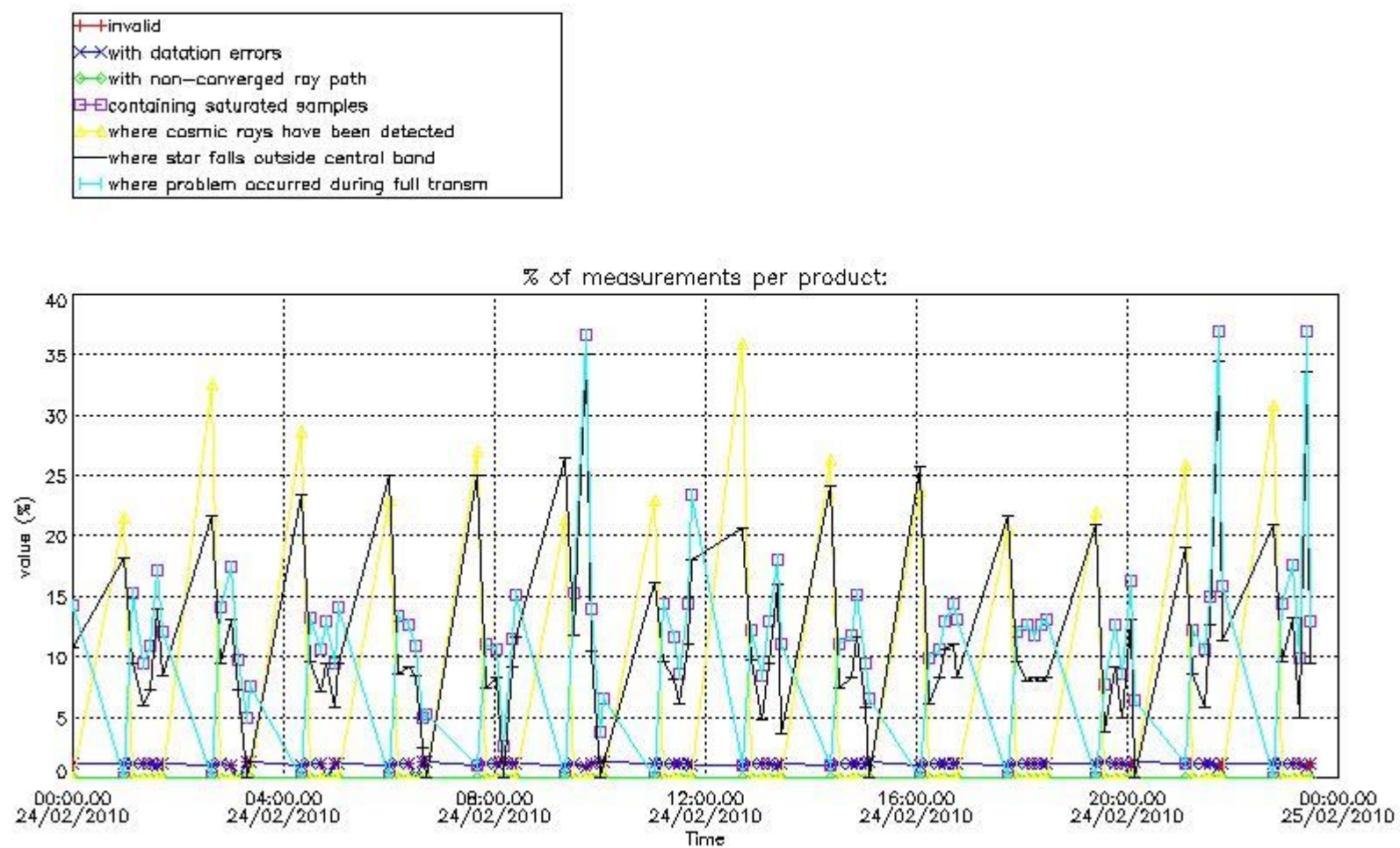
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



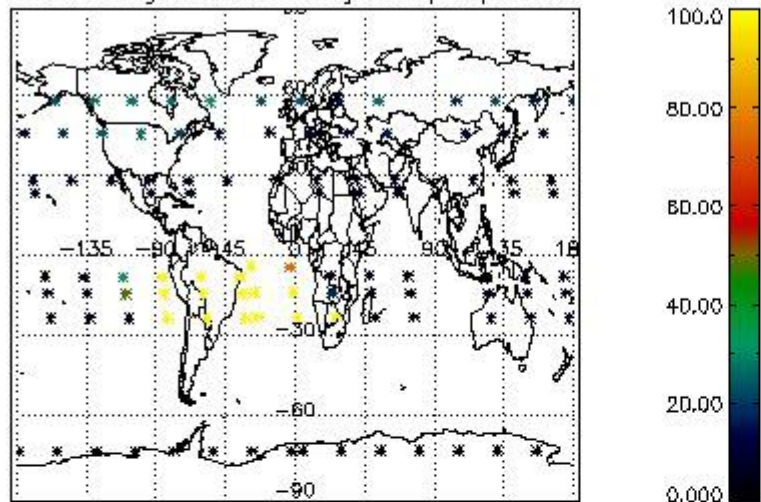
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



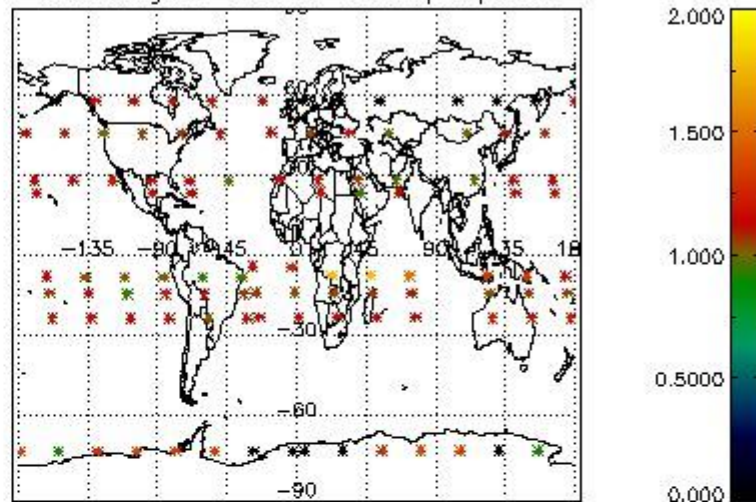
4.2 Plot quality information per product coming from level 1b processing (world map)

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

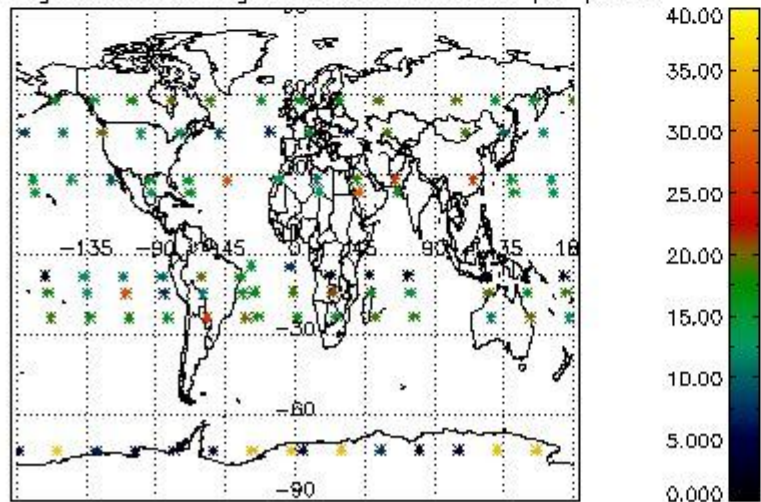
Percentage of cosmic ray hits per profile



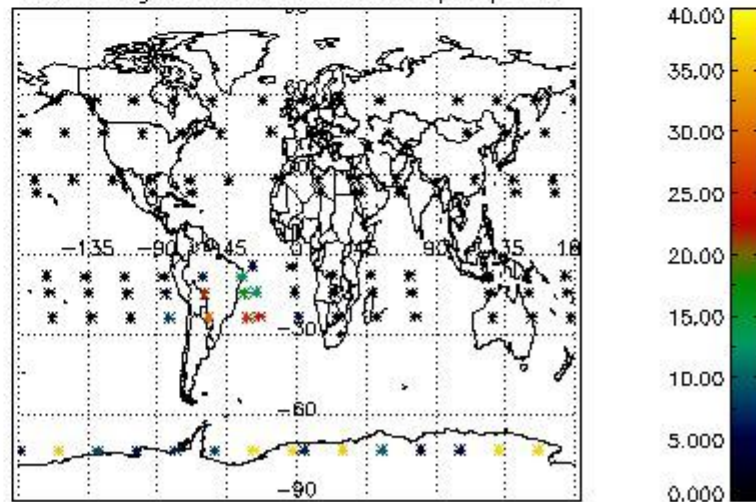
Percentage of datation errors per profile



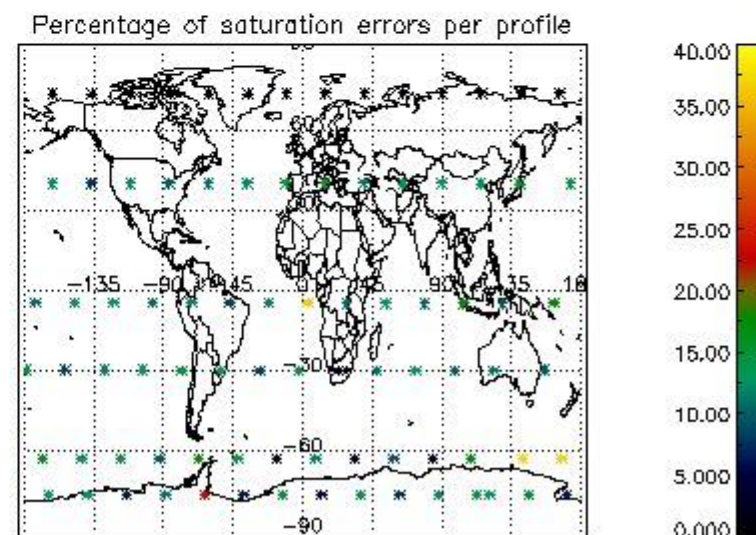
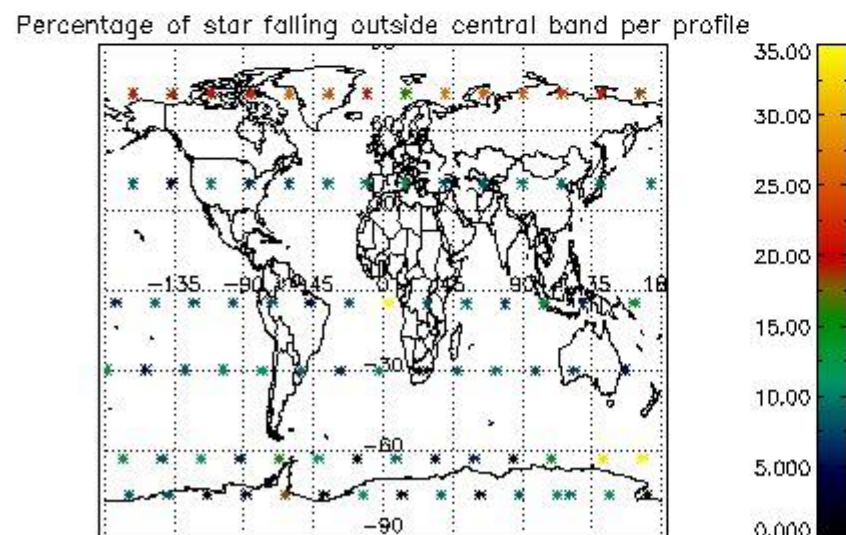
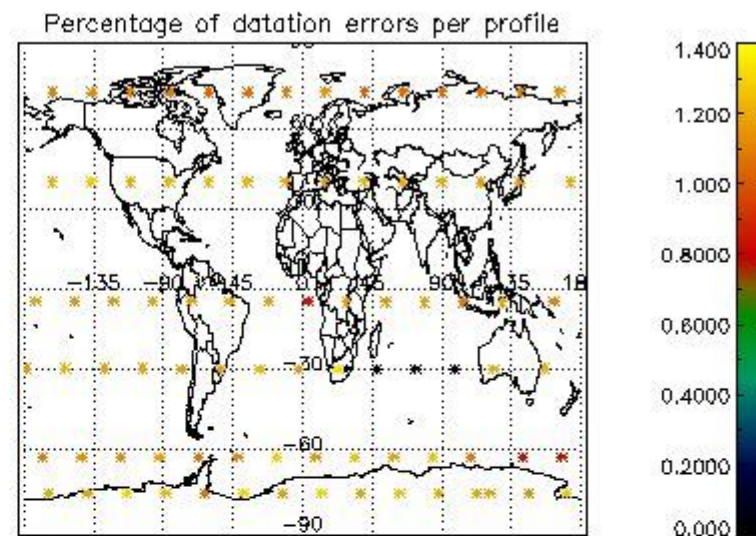
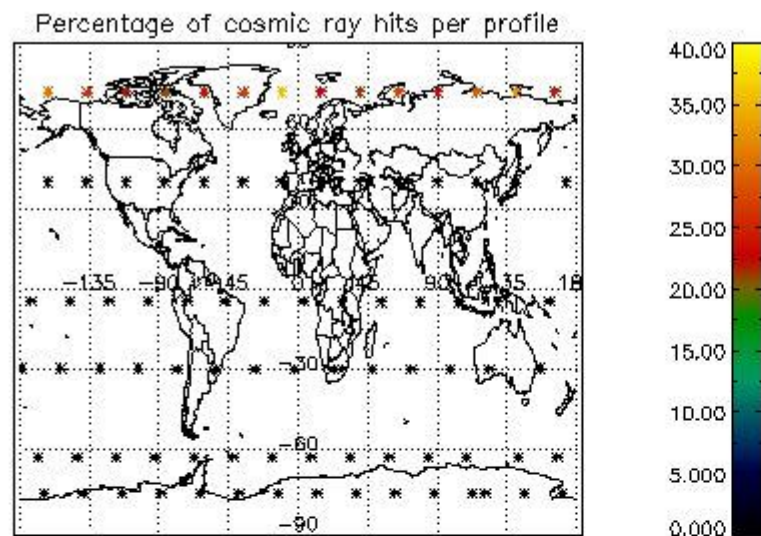
Percentage of star falling outside central band per profile



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

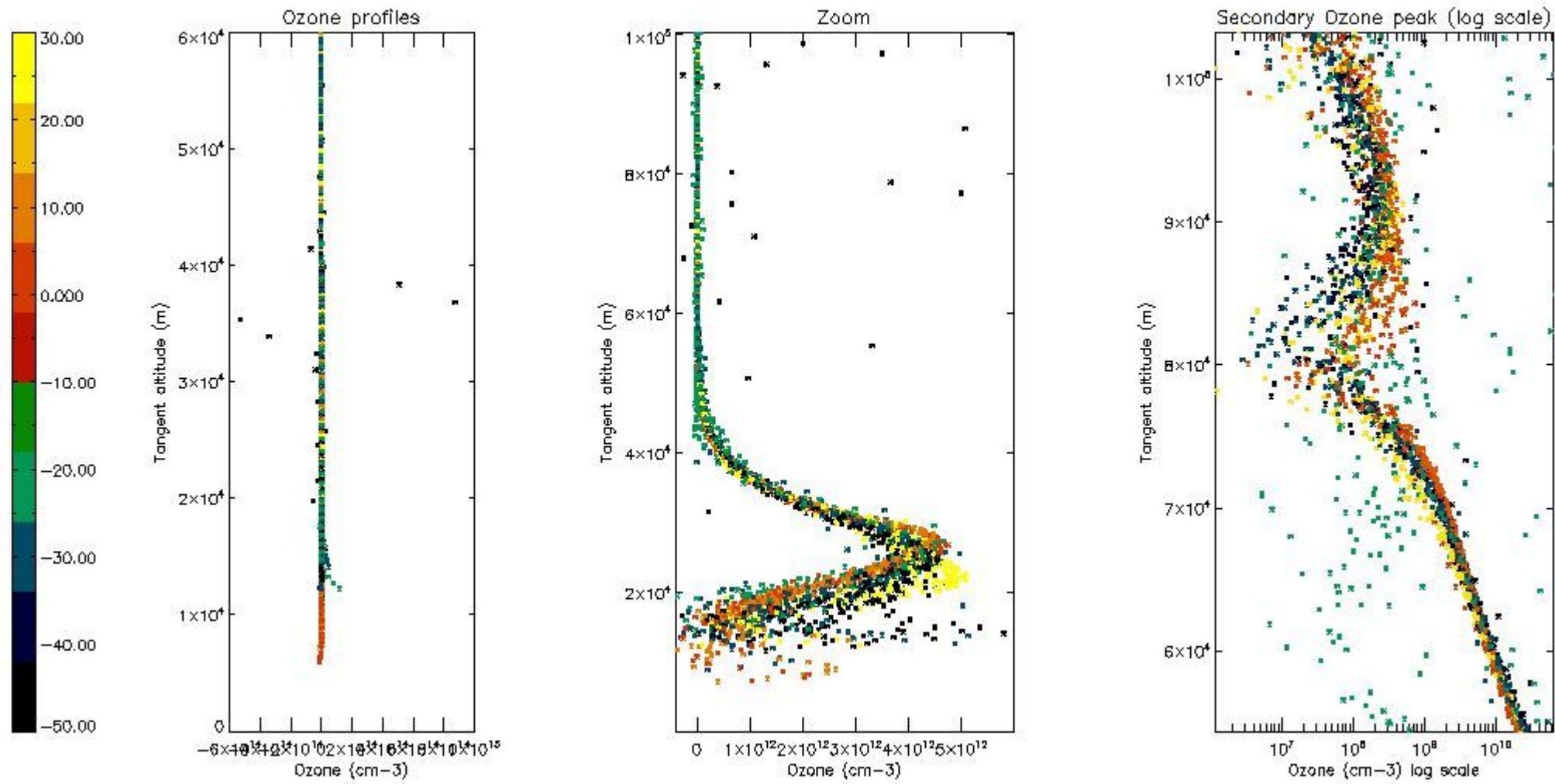
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	22

STD < 10	19
STD < 5	13

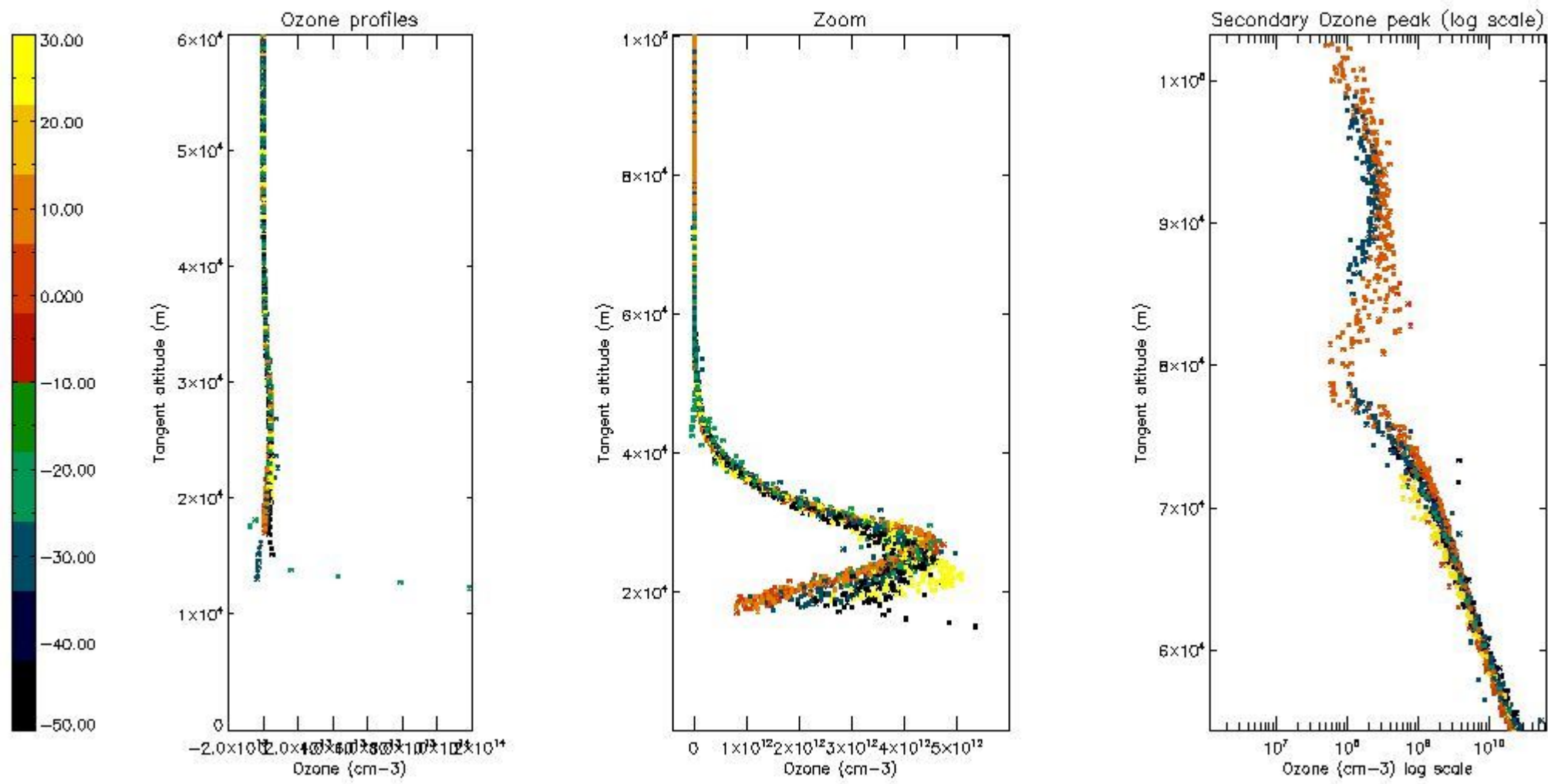
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



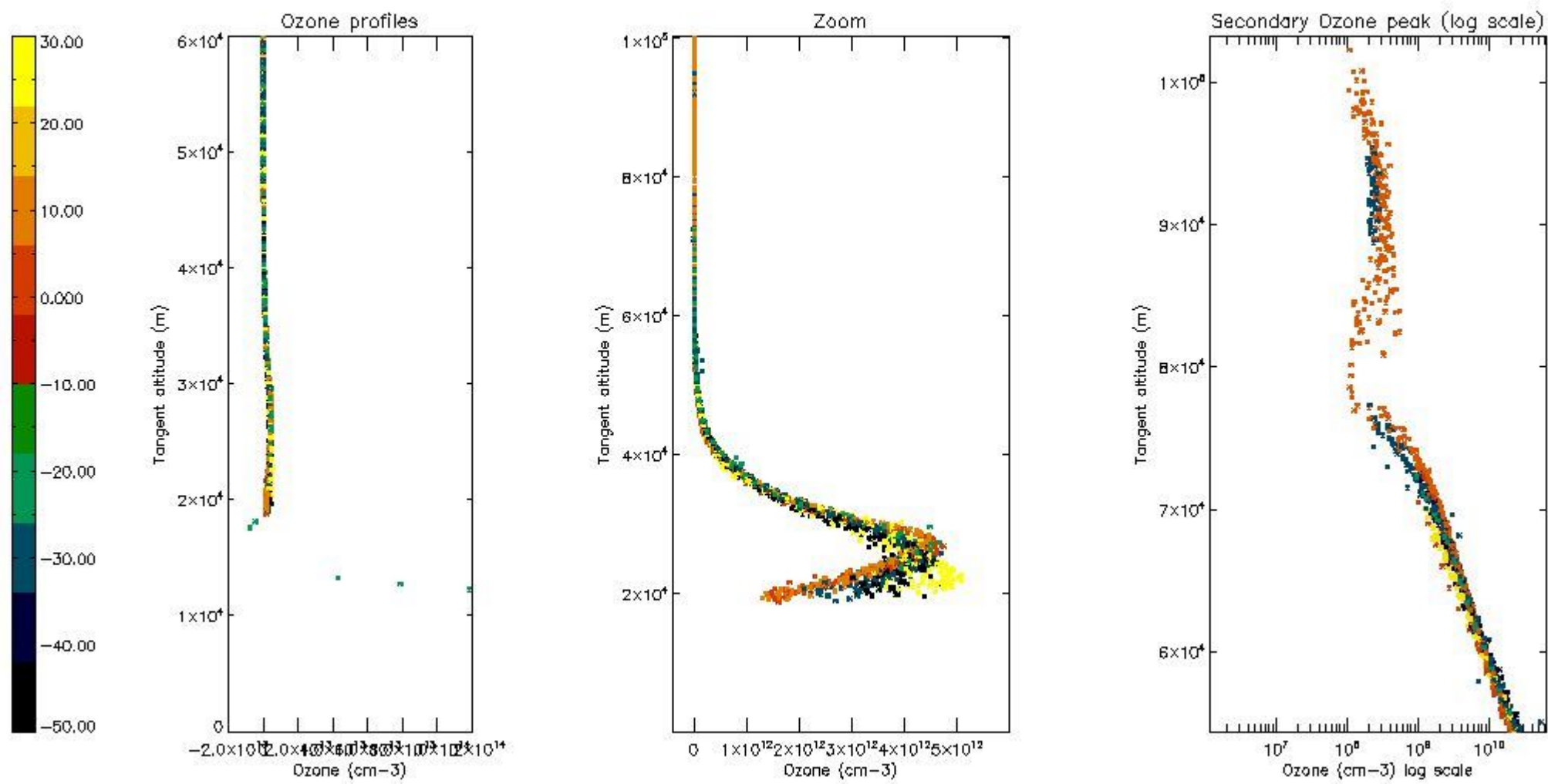
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



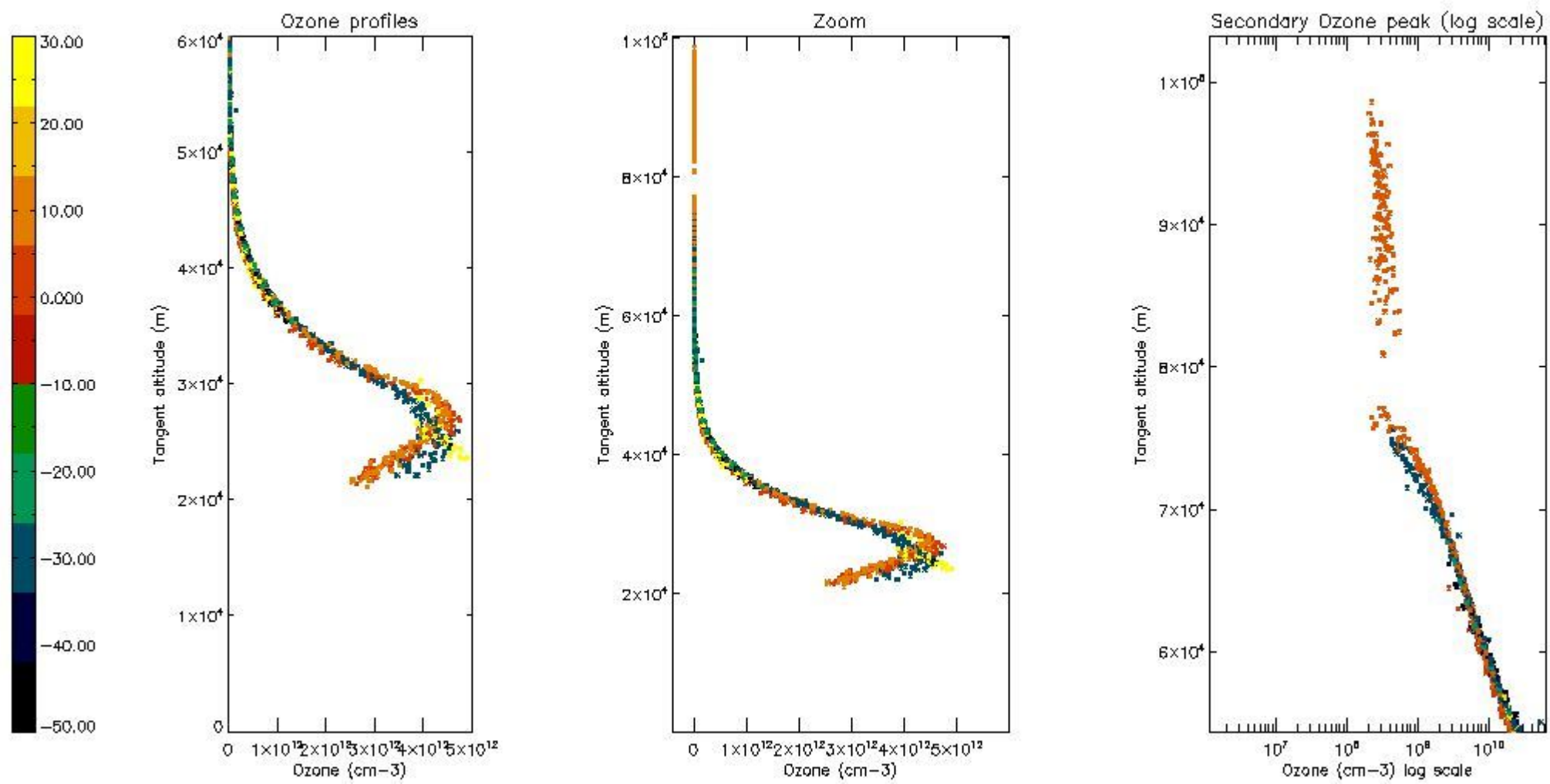
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



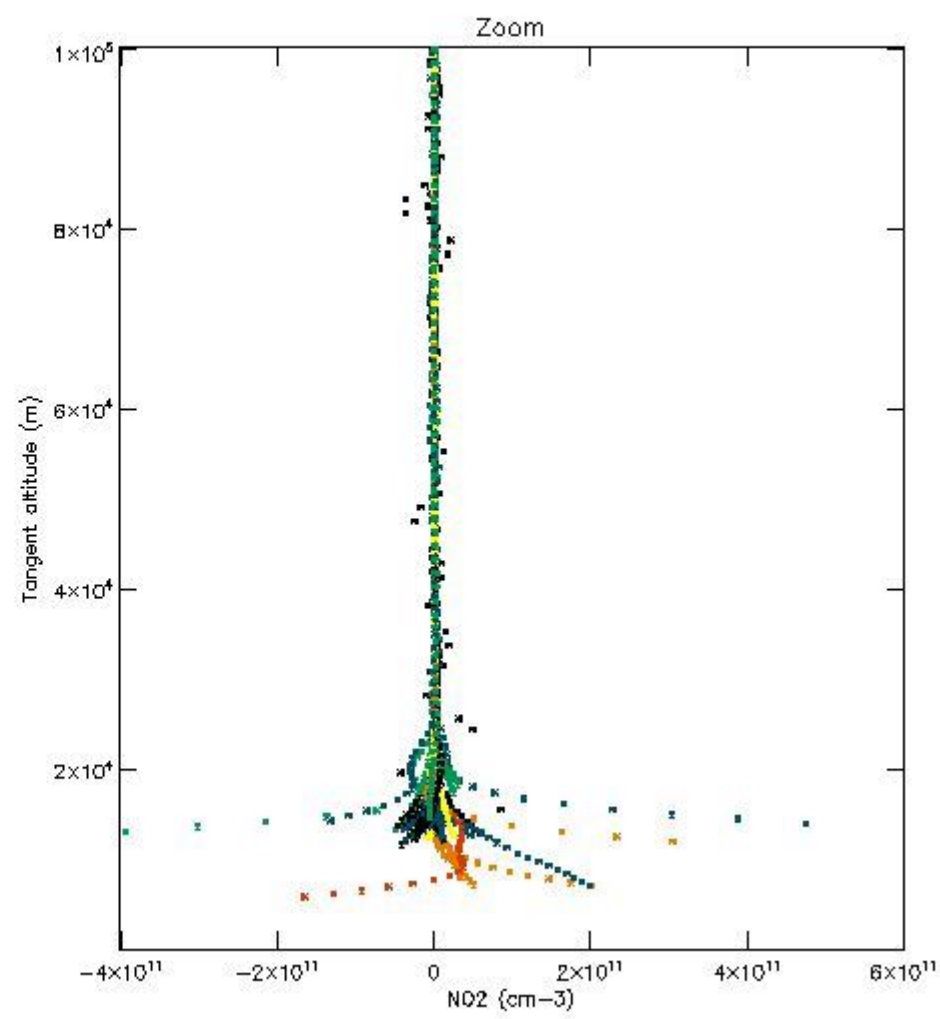
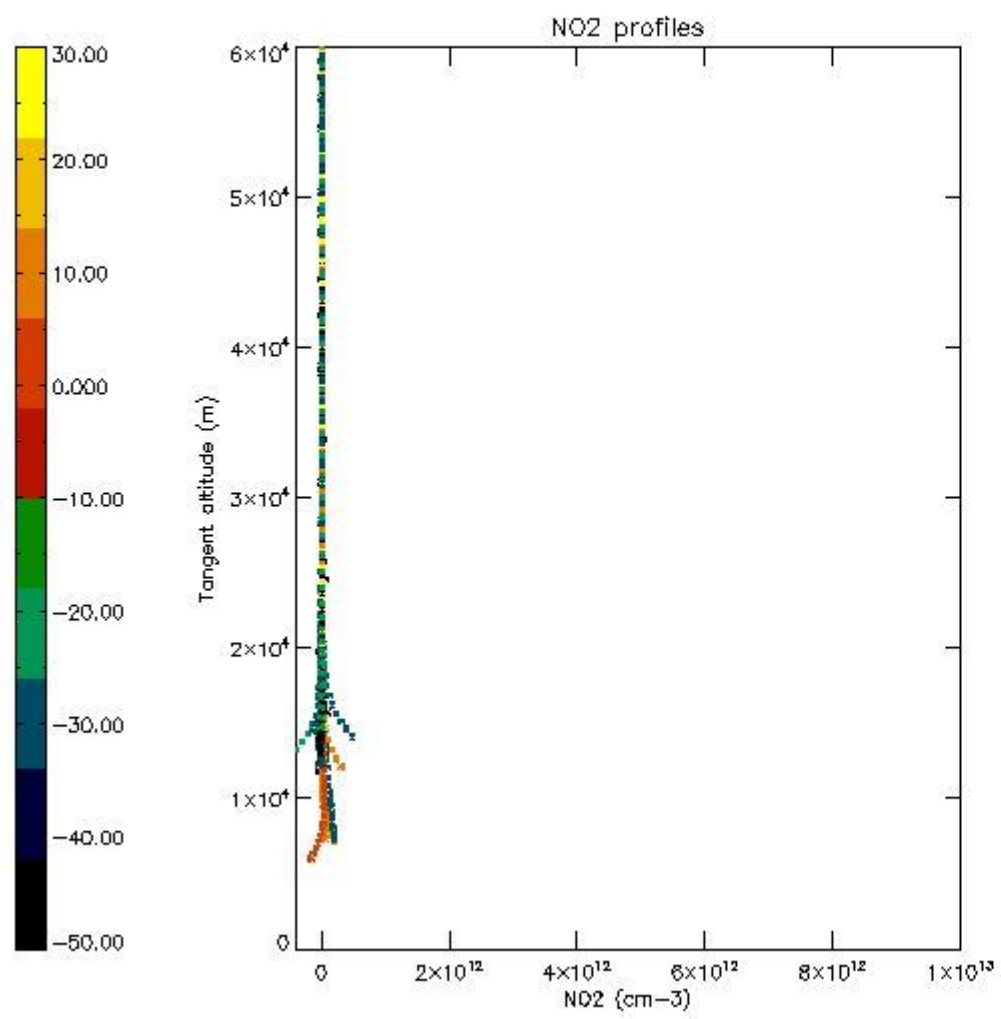
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



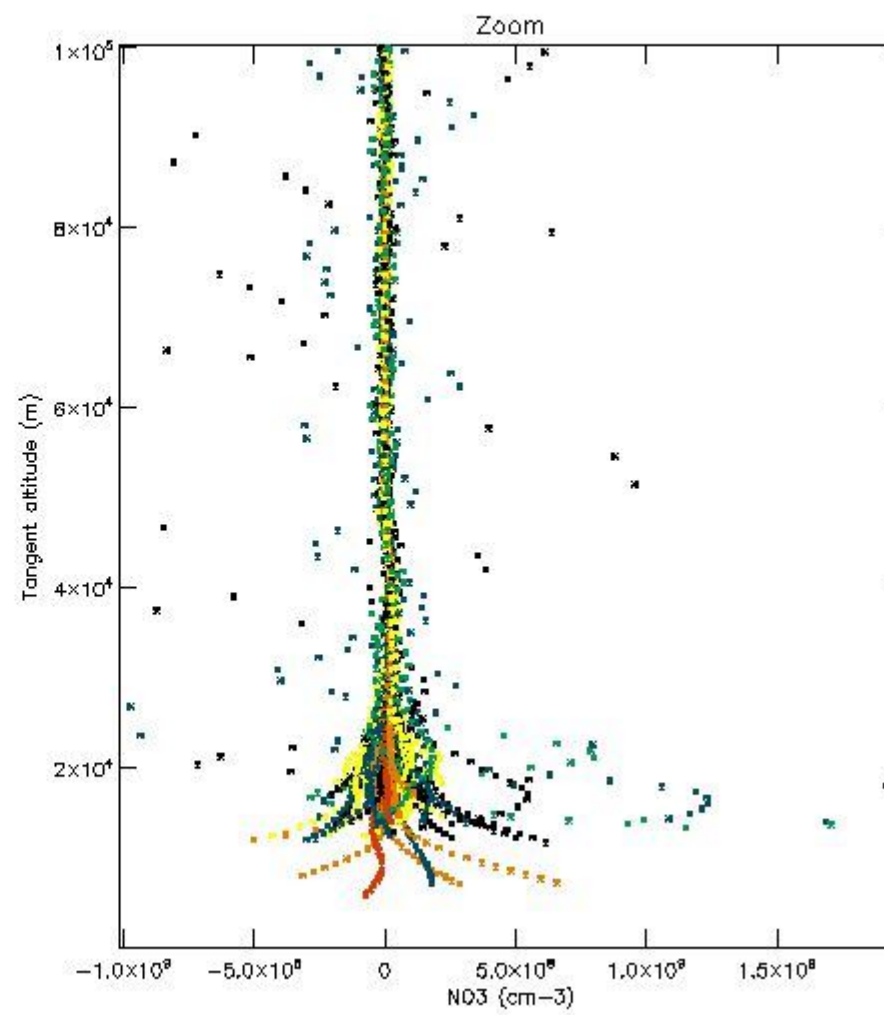
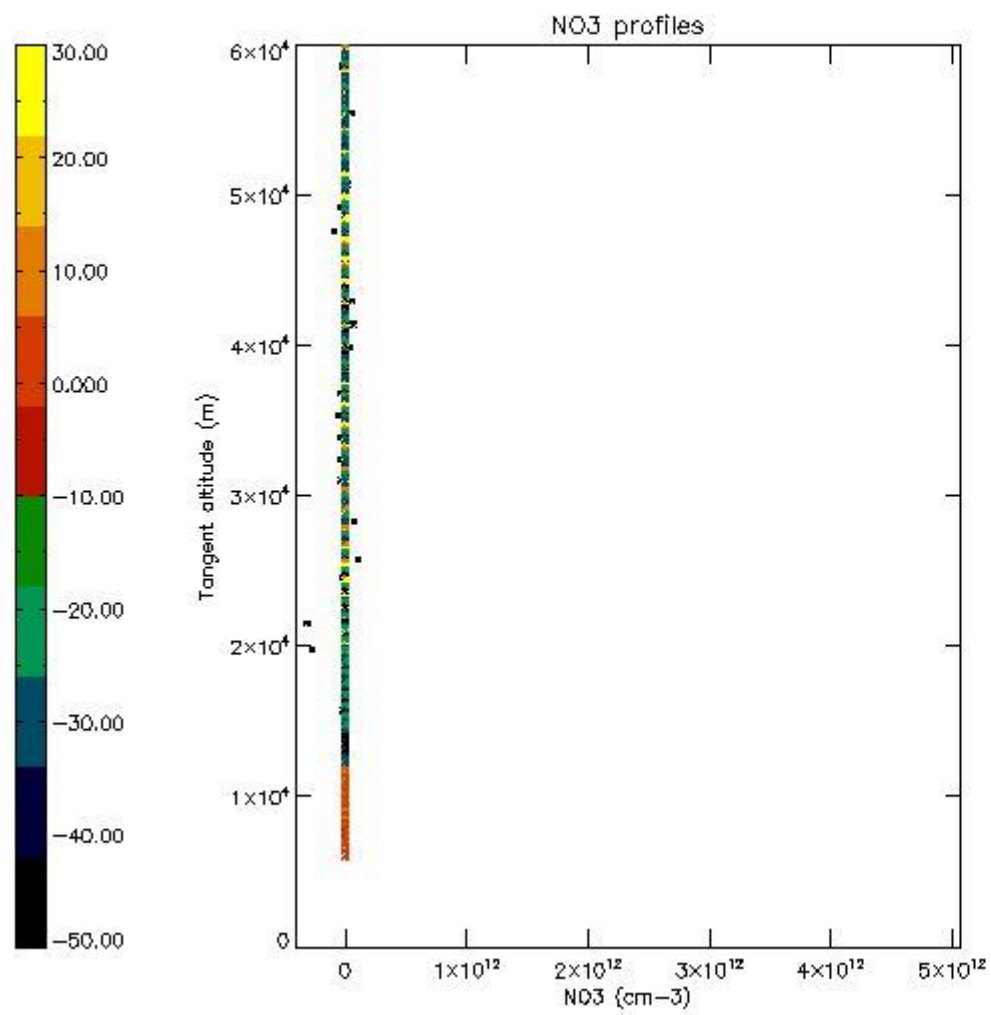
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

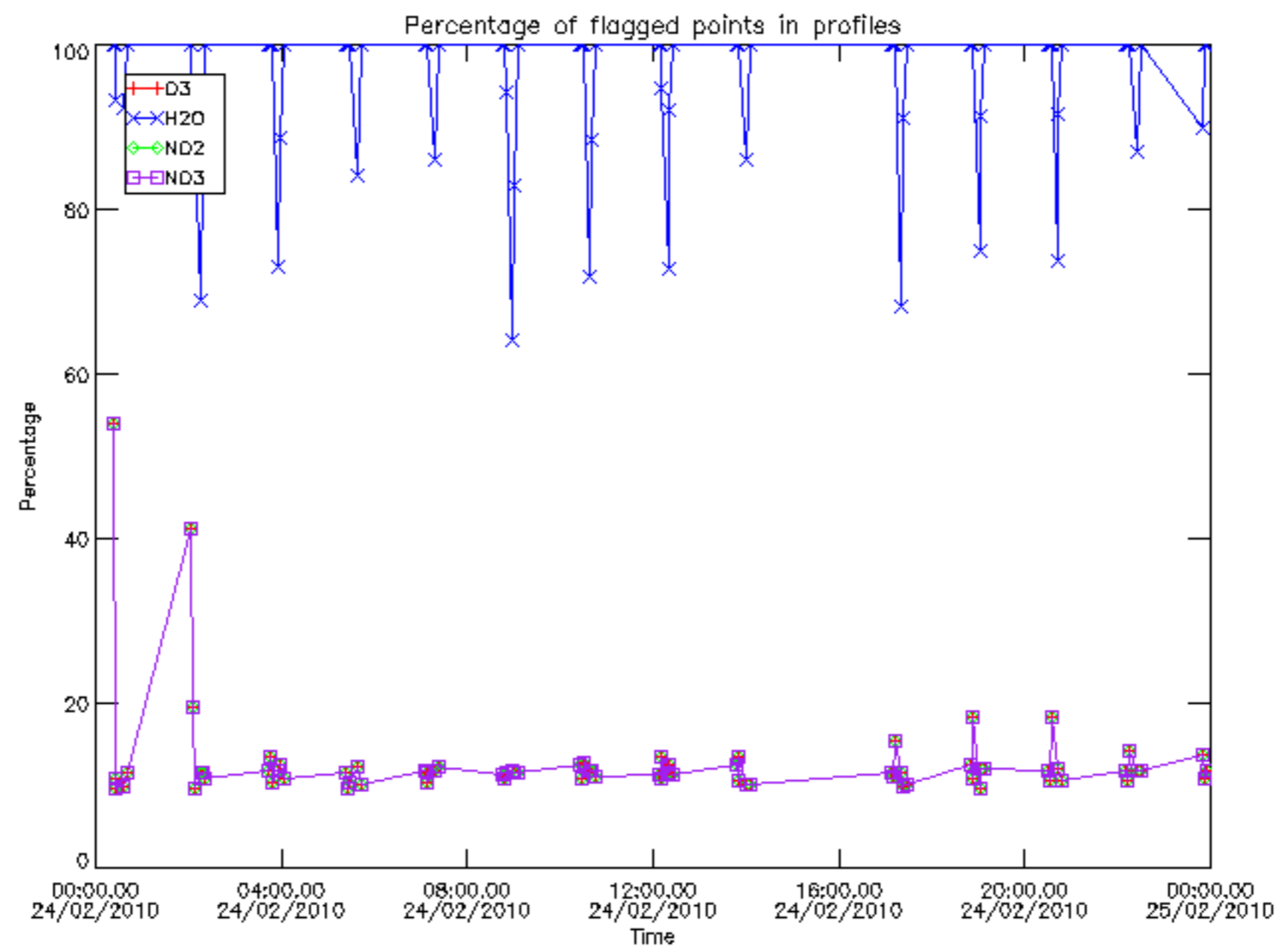
The colorbar represents the latitude.



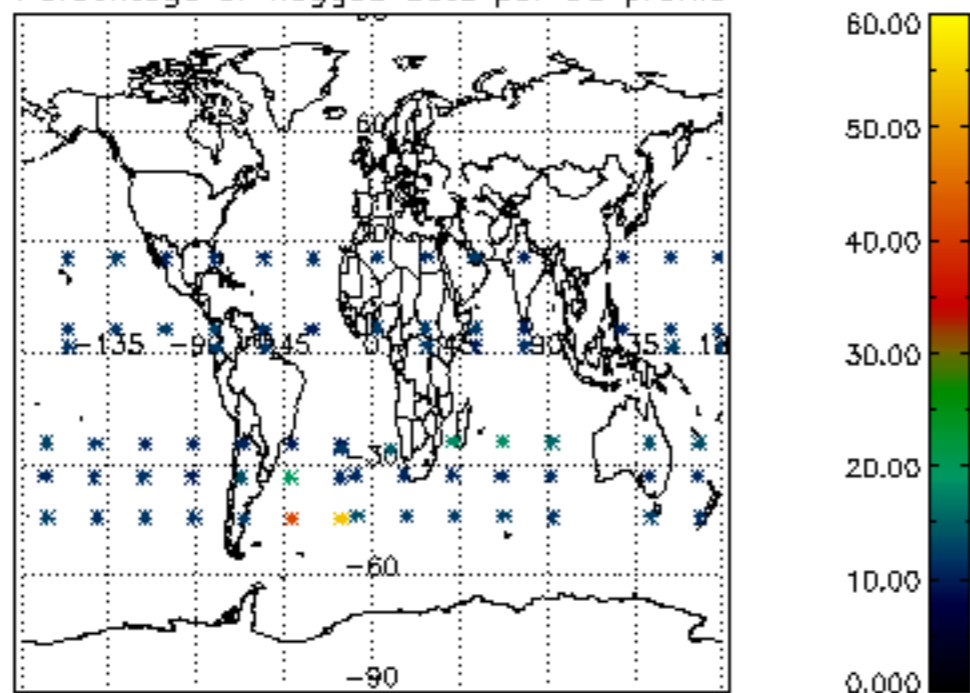
6. Auxiliary Data Files used for the production reported in section 2

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

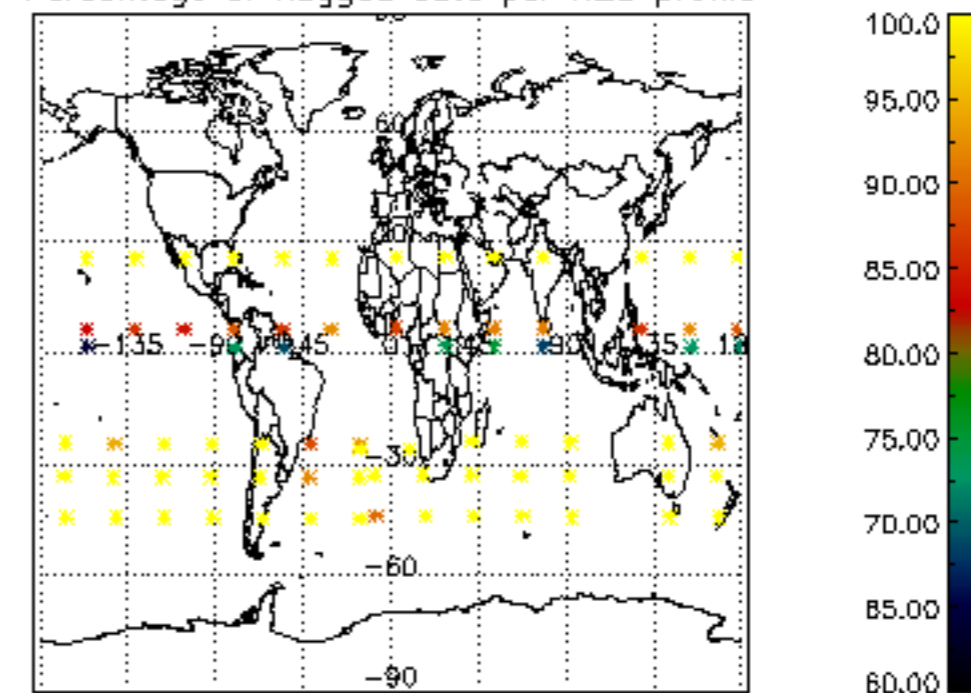
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-FEB-2010 00:00:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-FEB-2010 00:00:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-FEB-2010 00:00:30



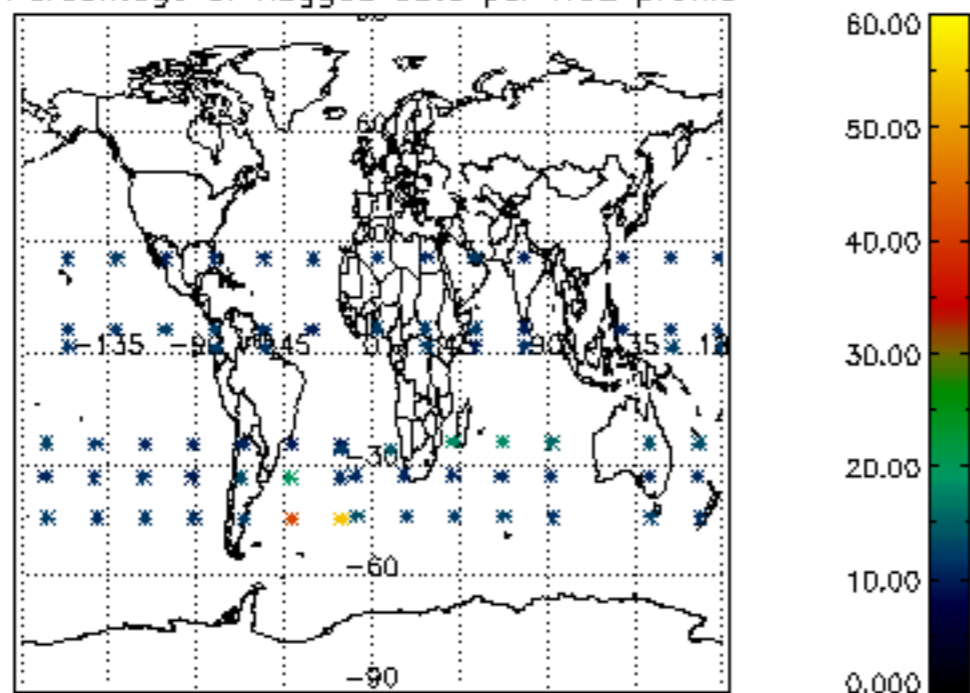
Percentage of flagged data per D3 profile



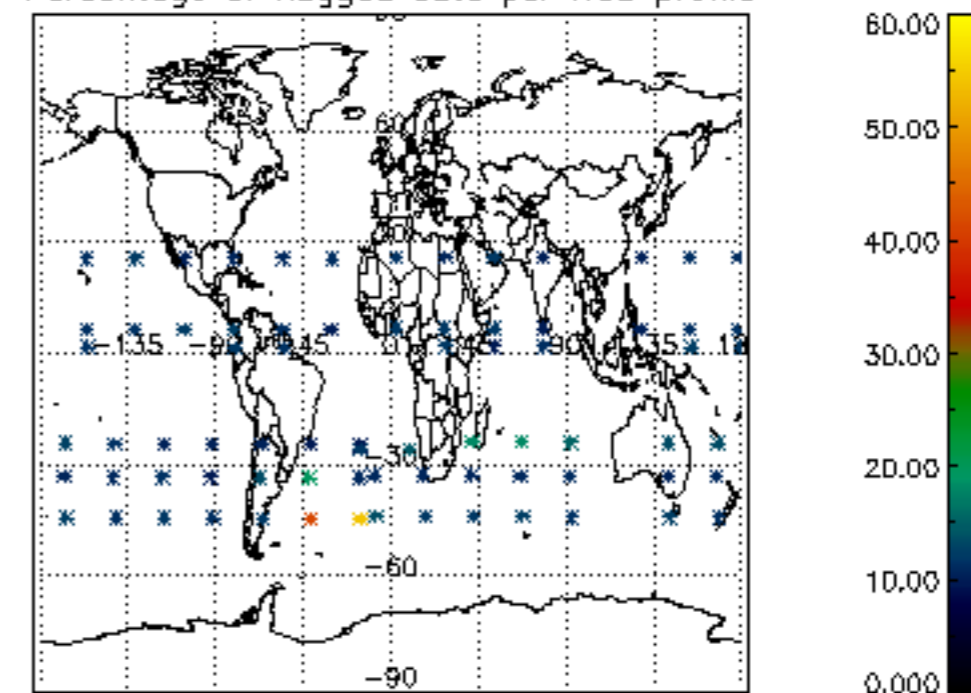
Percentage of flagged data per H2O profile

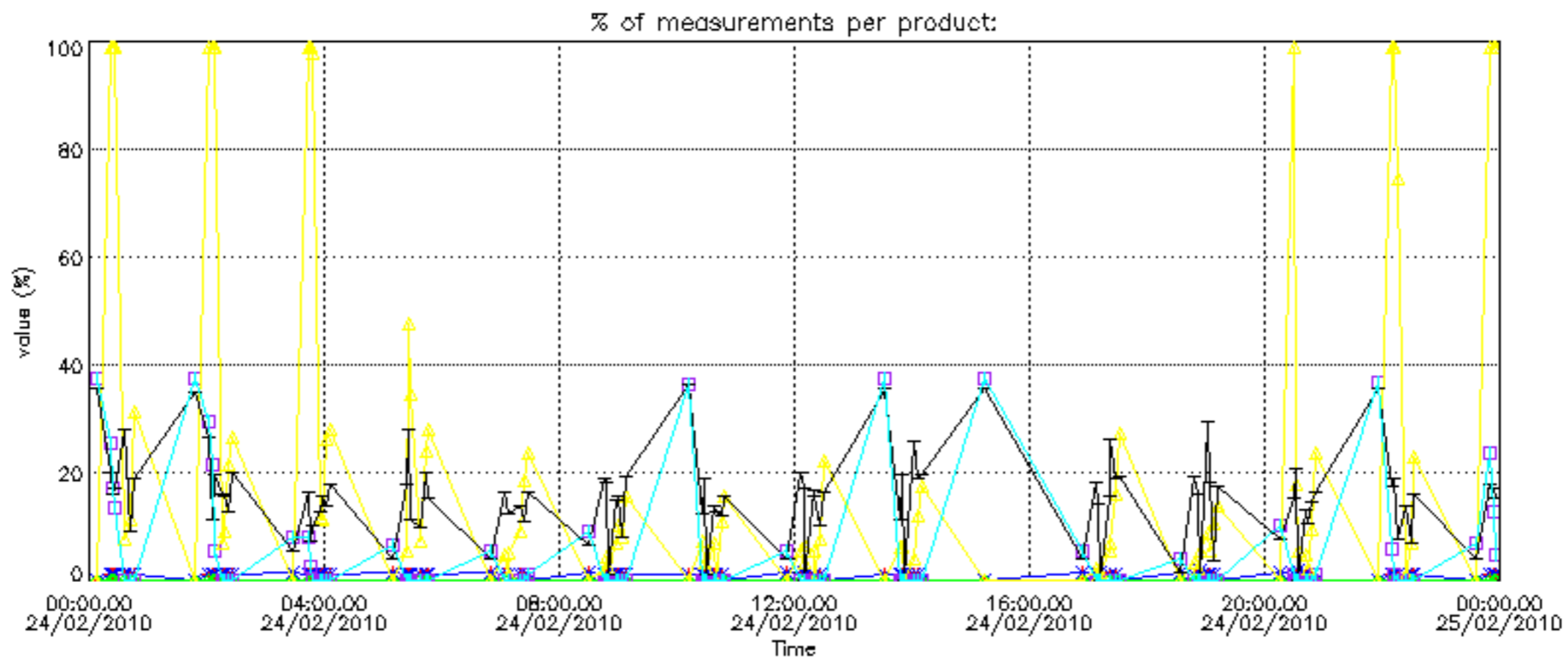


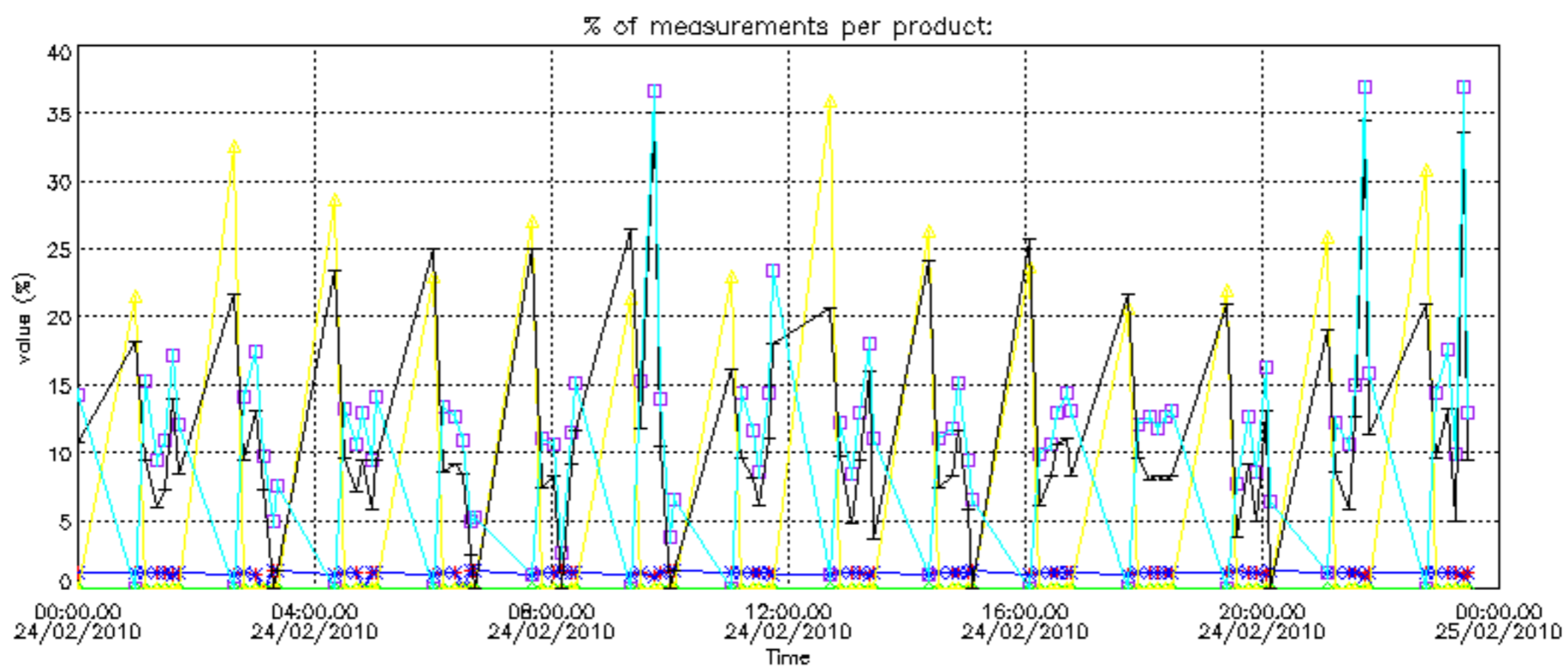
Percentage of flagged data per NO2 profile



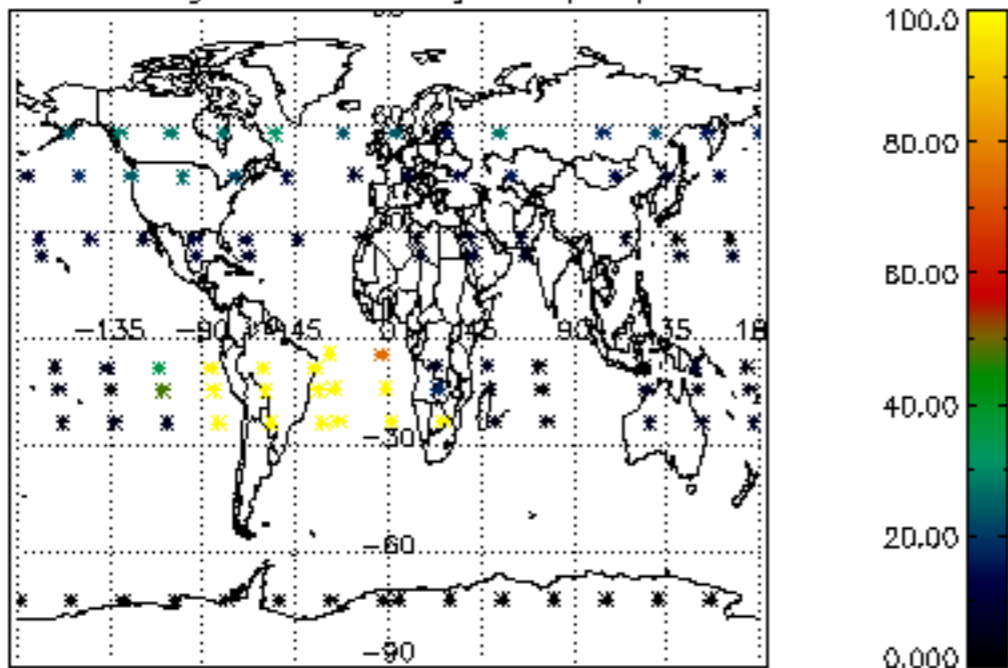
Percentage of flagged data per NO3 profile



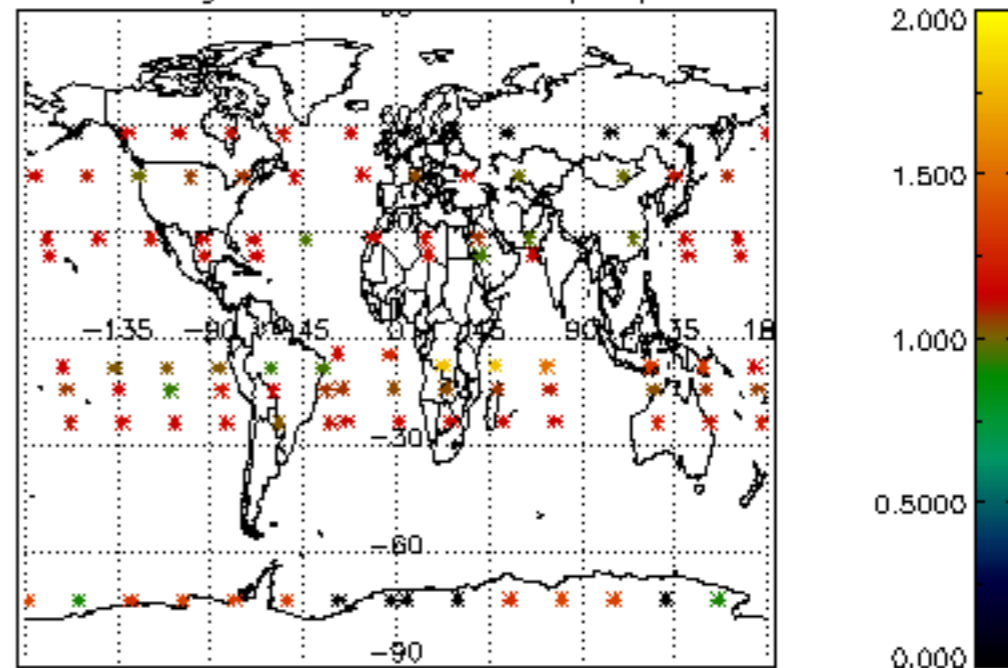




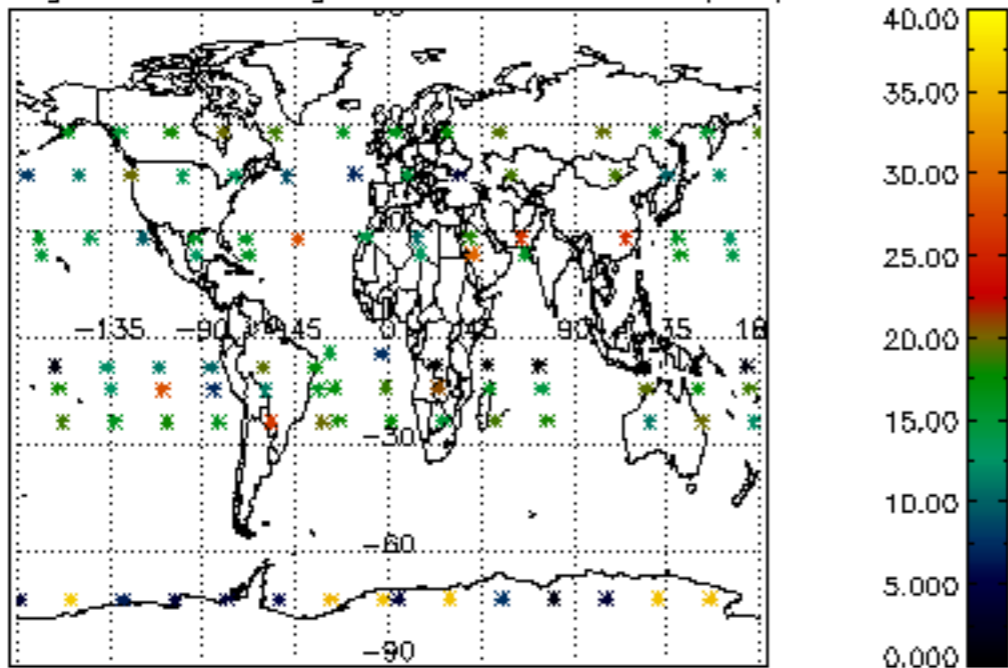
Percentage of cosmic ray hits per profile



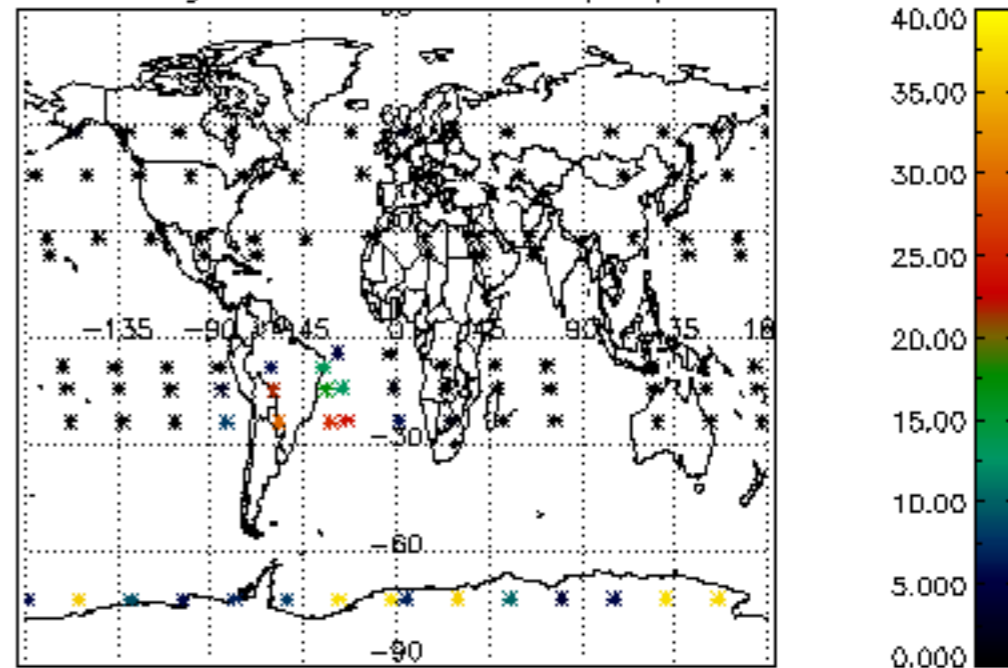
Percentage of datation errors per profile



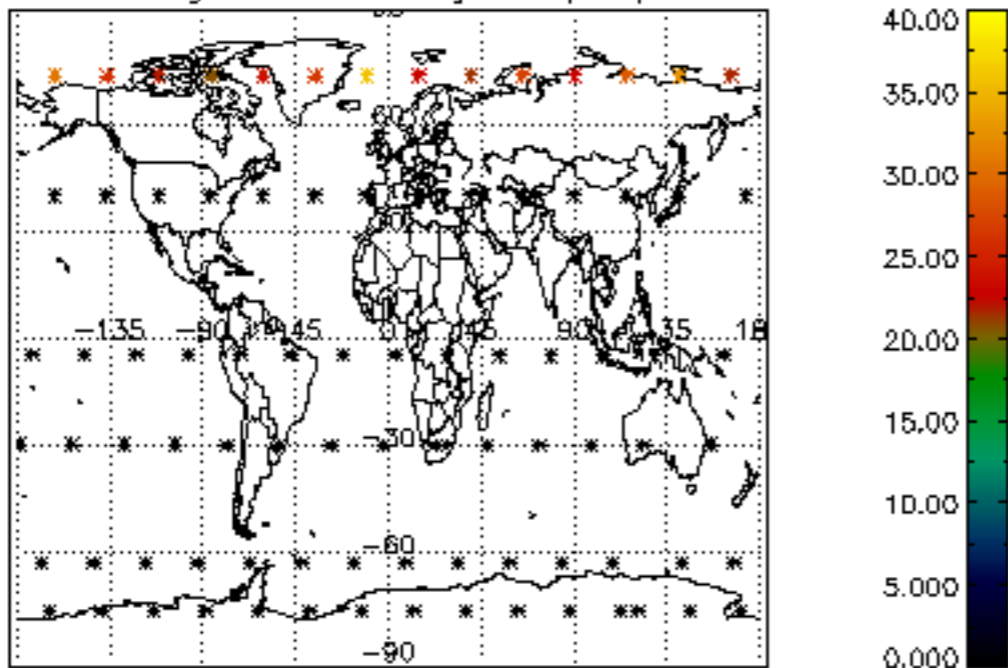
Percentage of star falling outside central band per profile



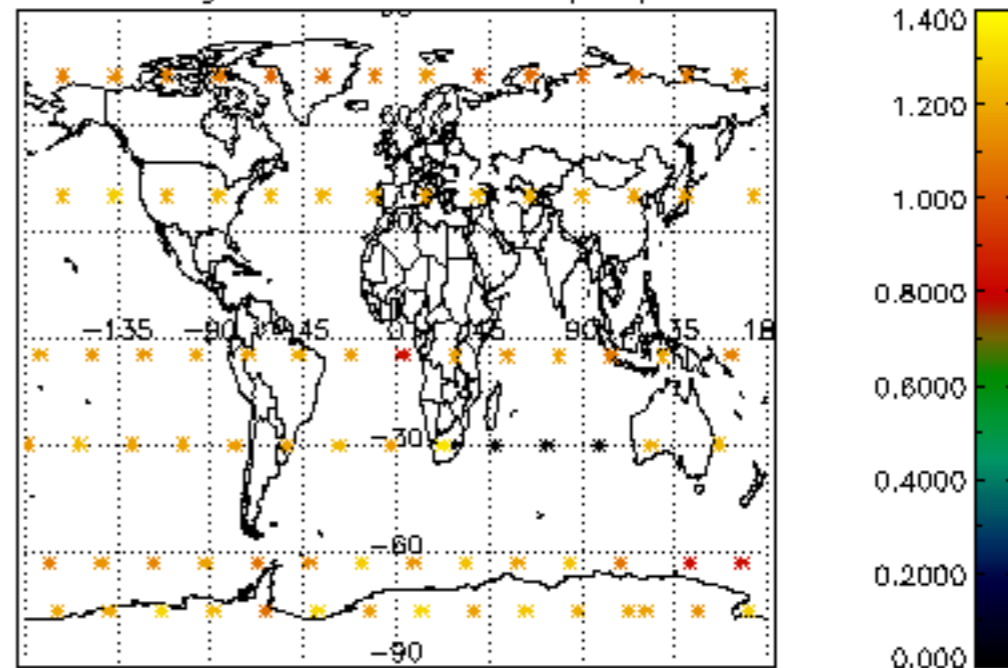
Percentage of saturation errors per profile



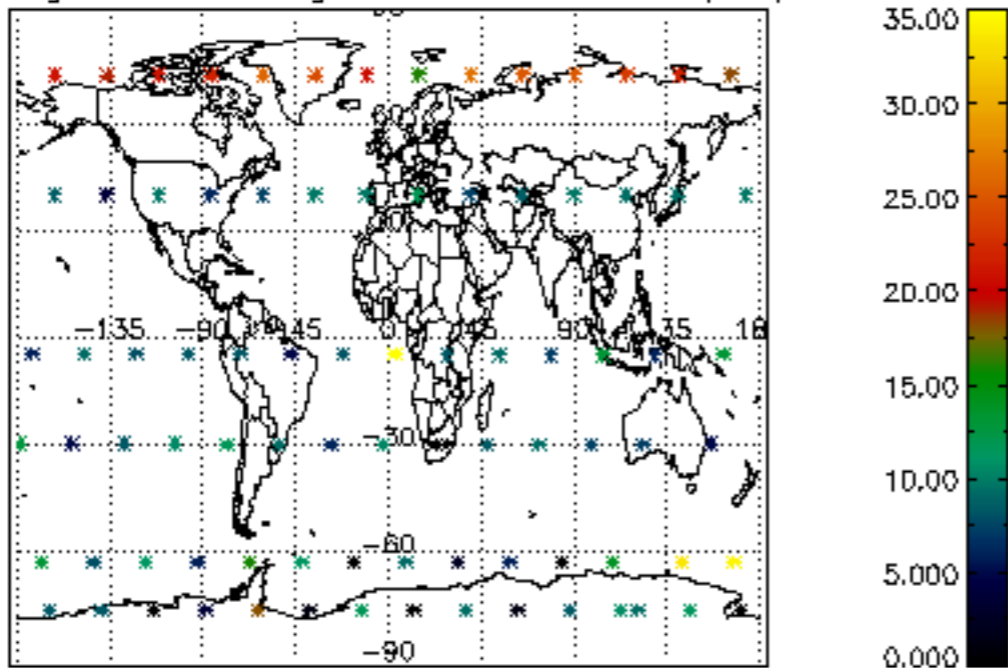
Percentage of cosmic ray hits per profile



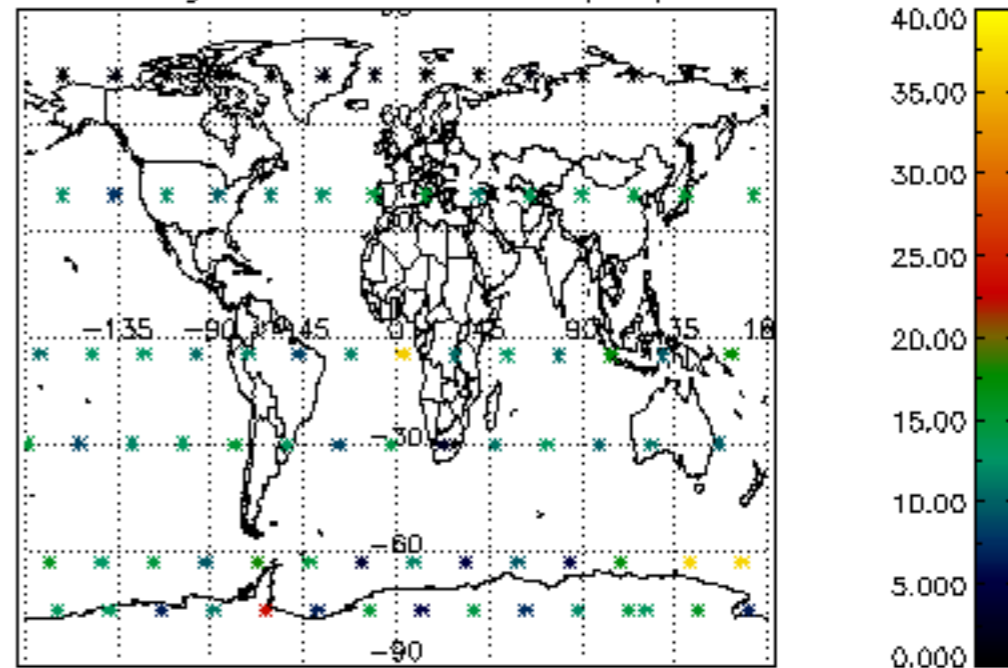
Percentage of datation errors per profile

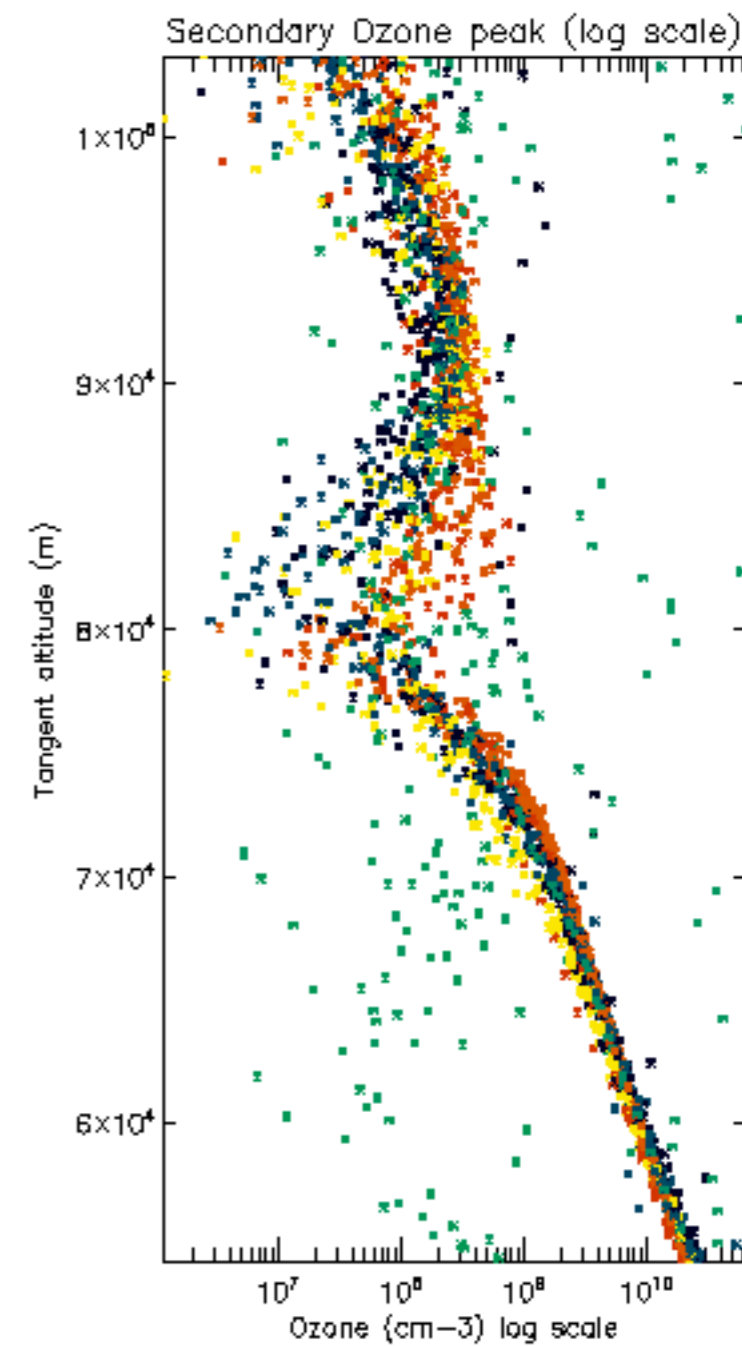
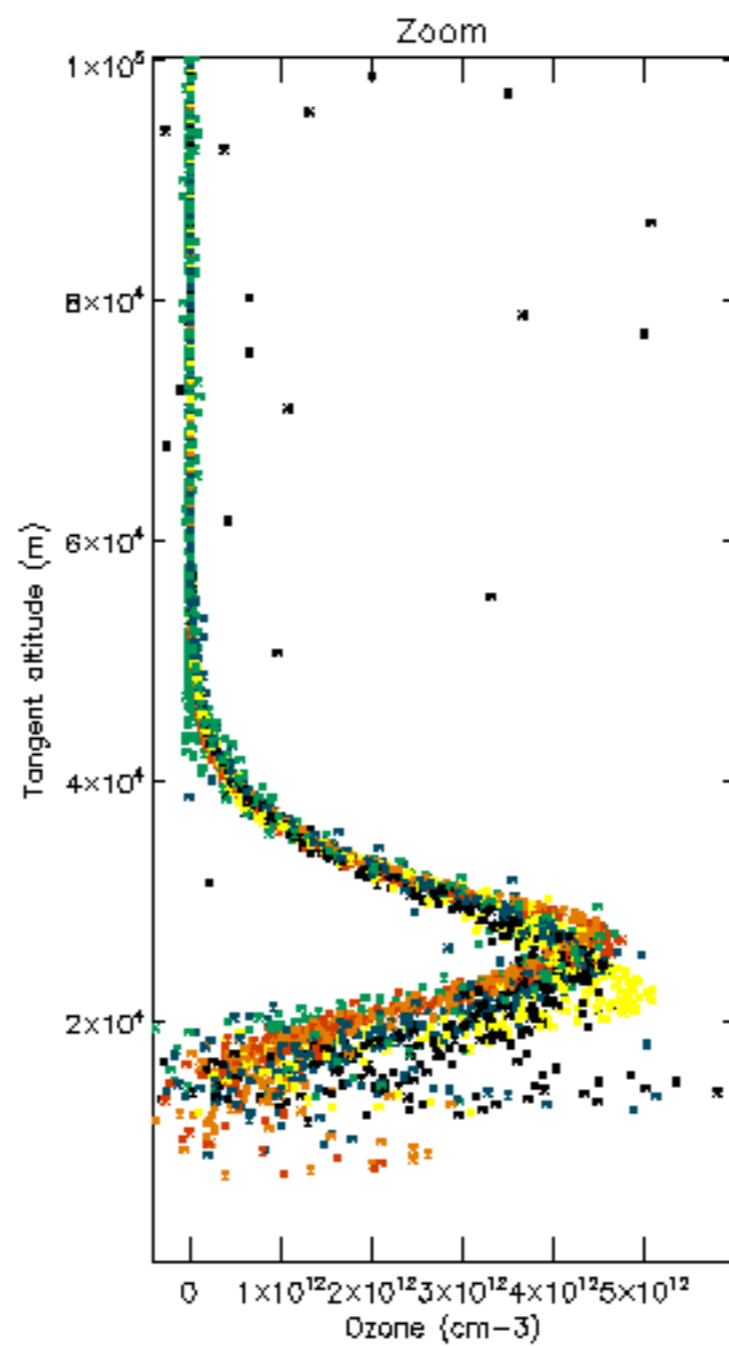
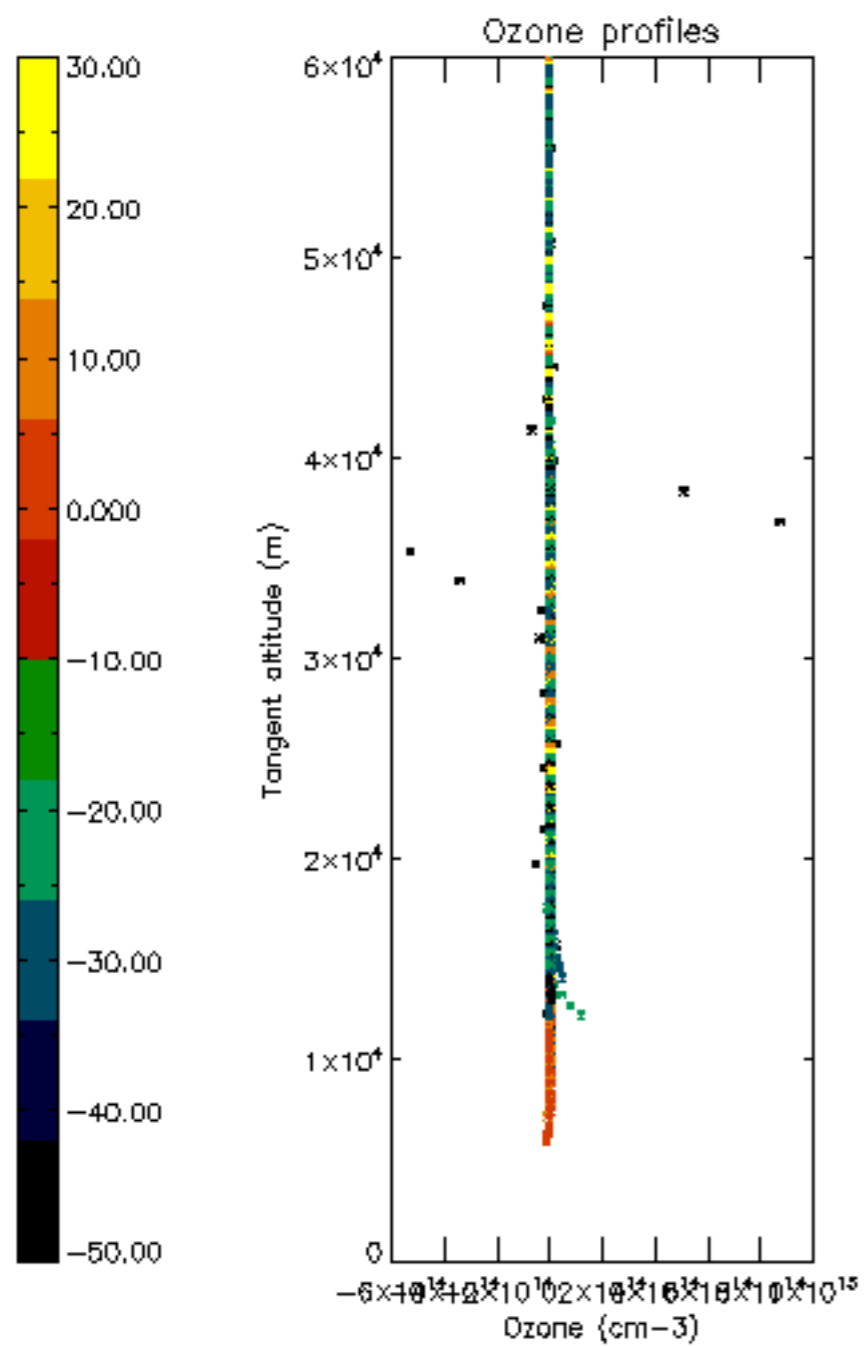


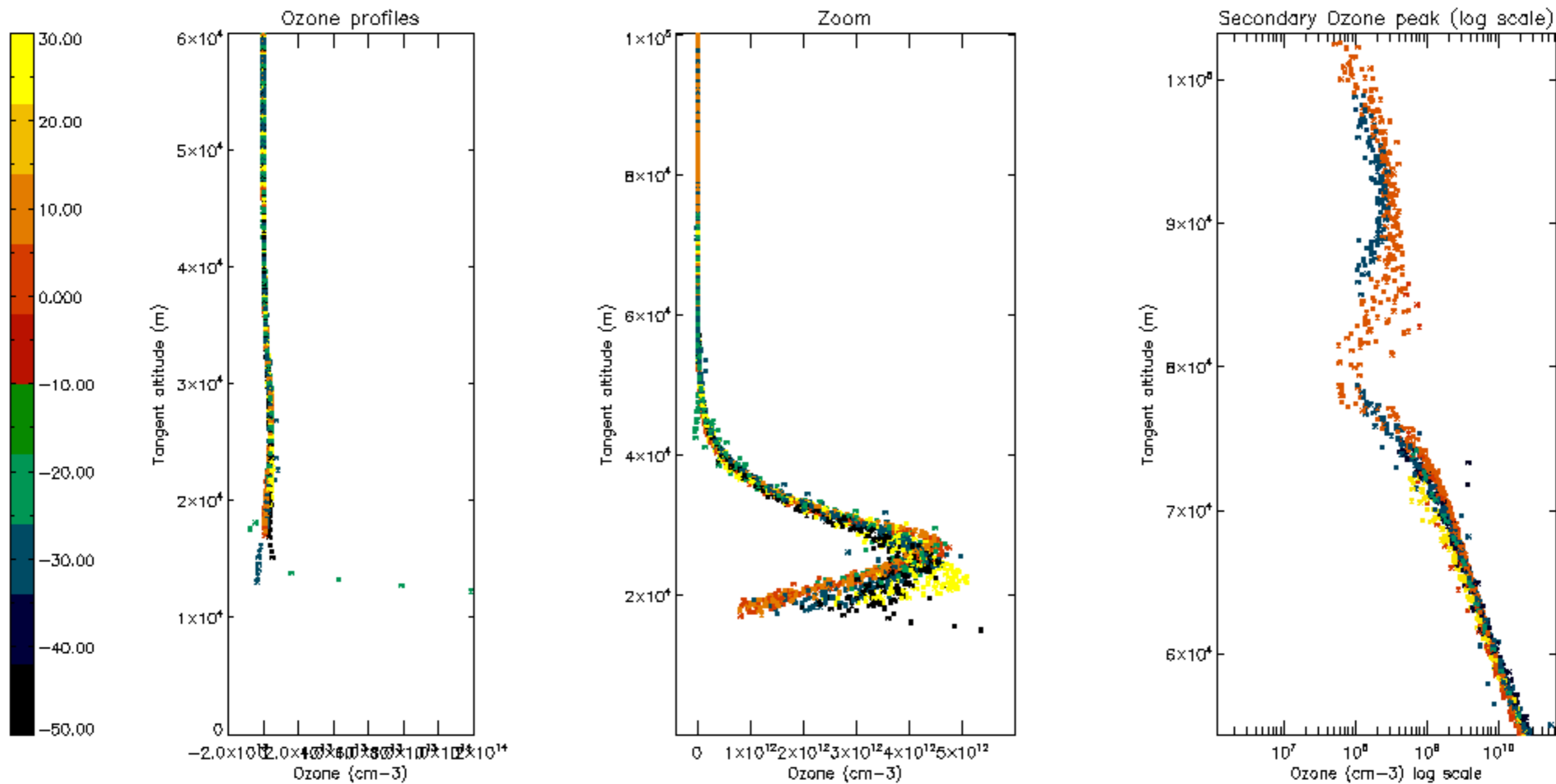
Percentage of star falling outside central band per profile

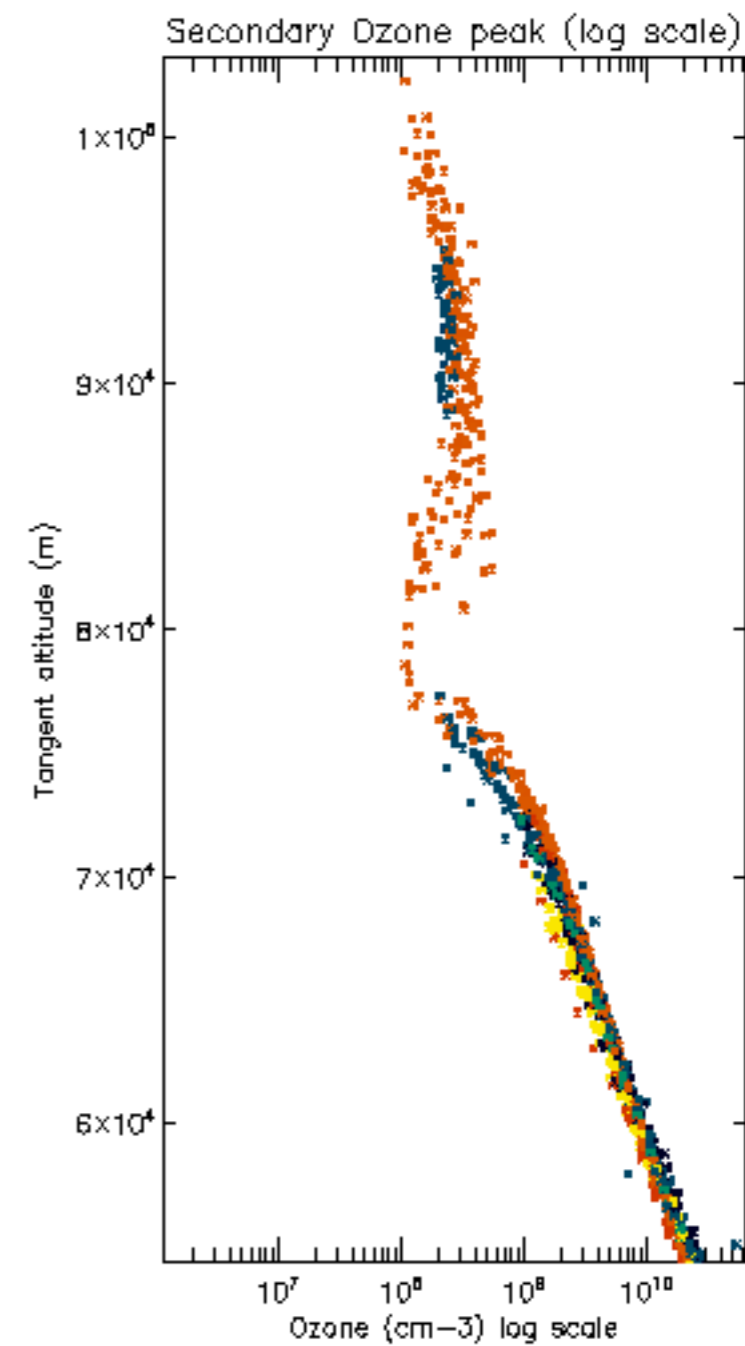
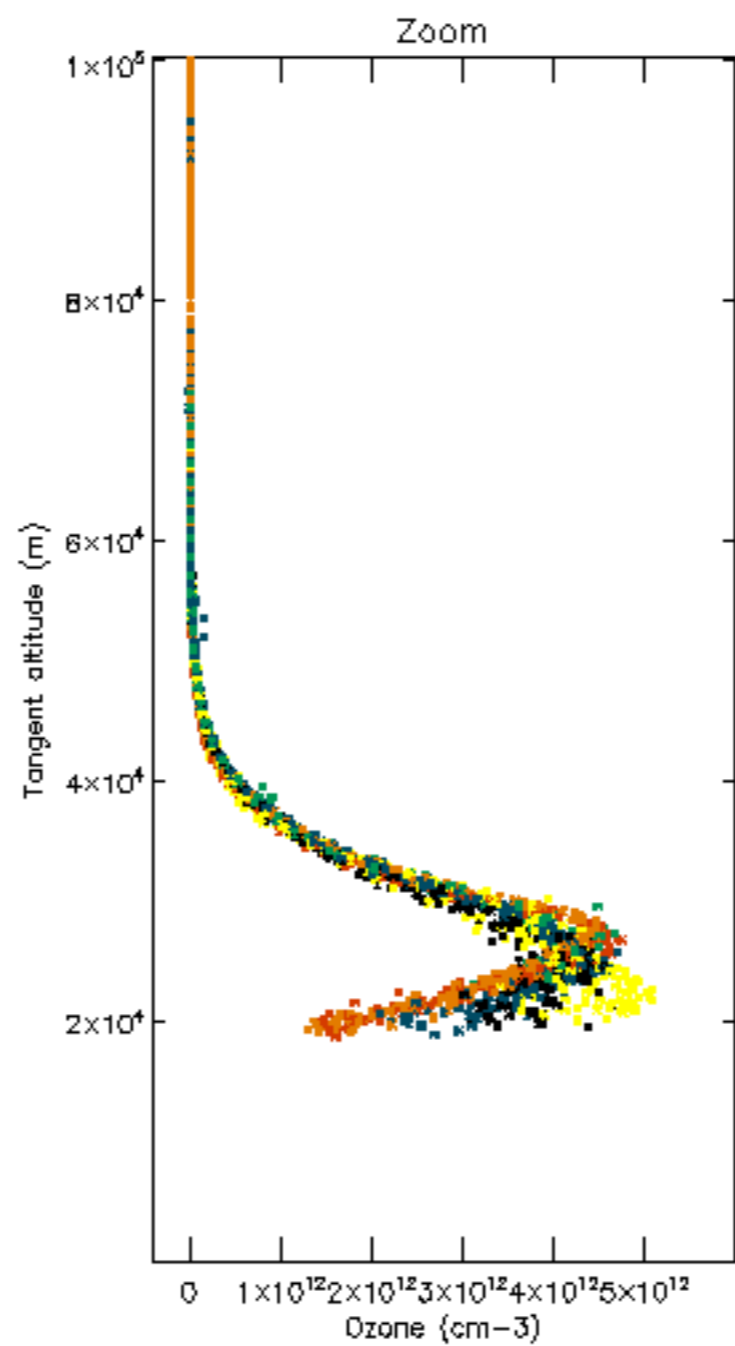
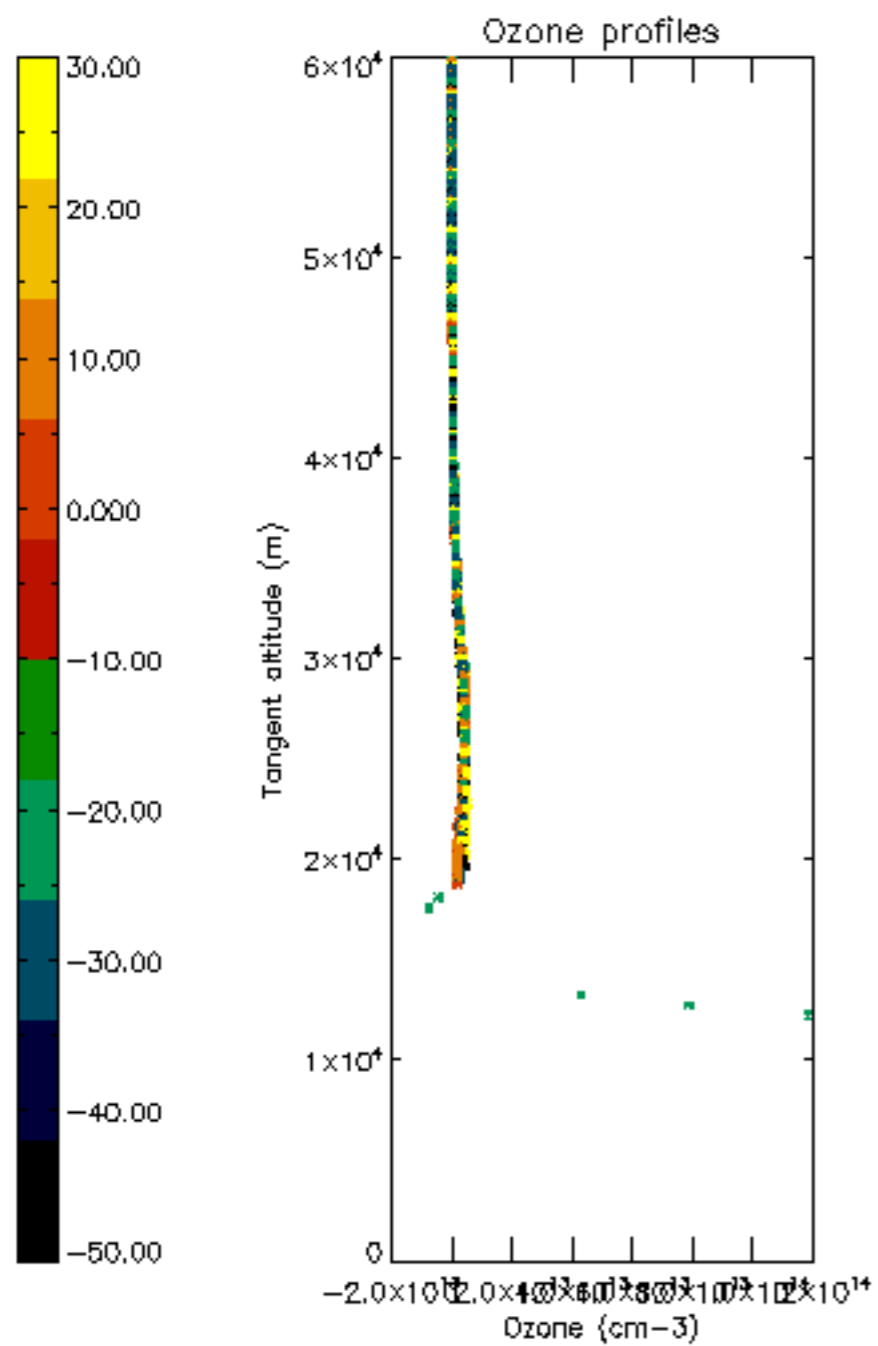


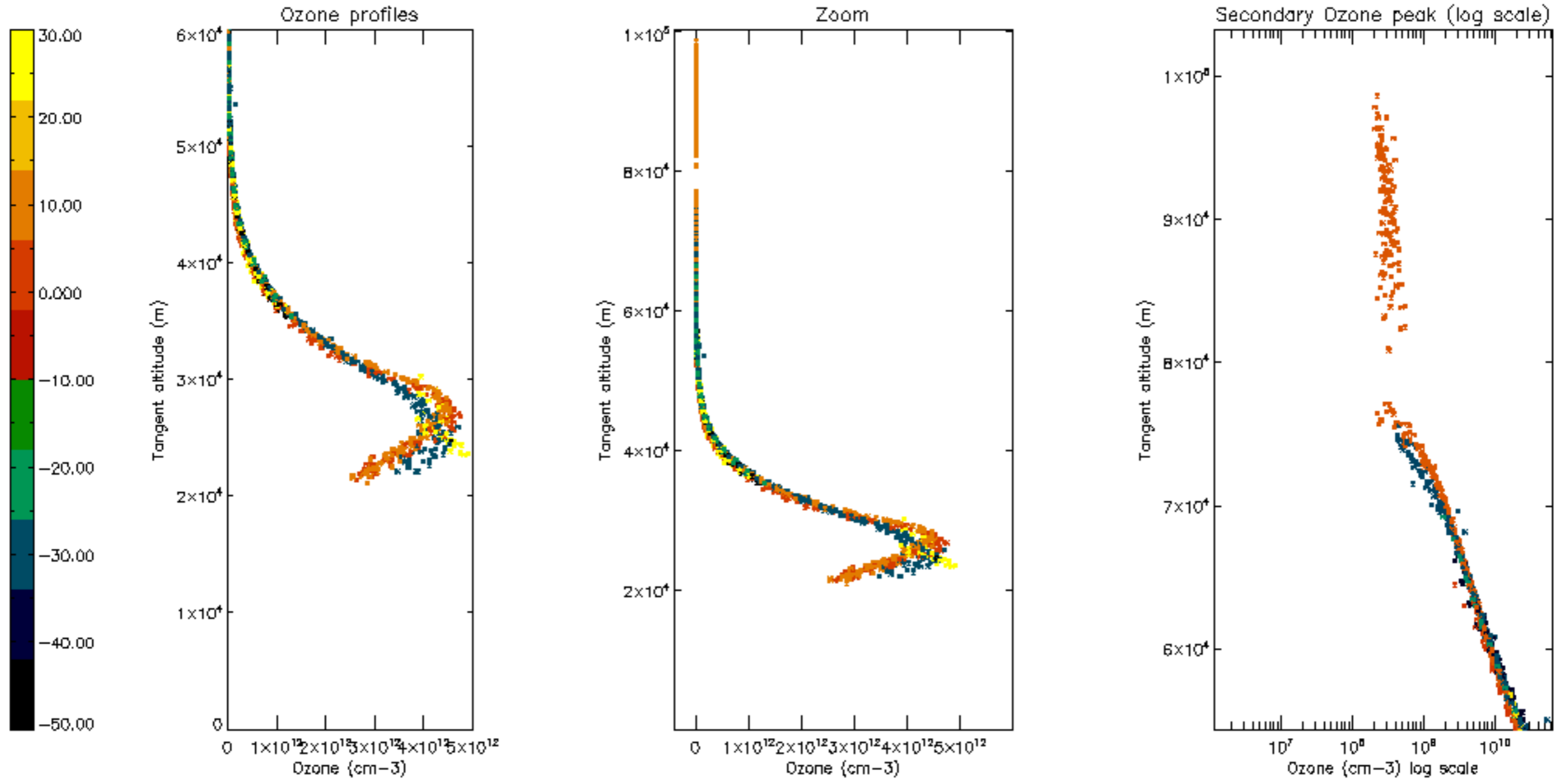
Percentage of saturation errors per profile

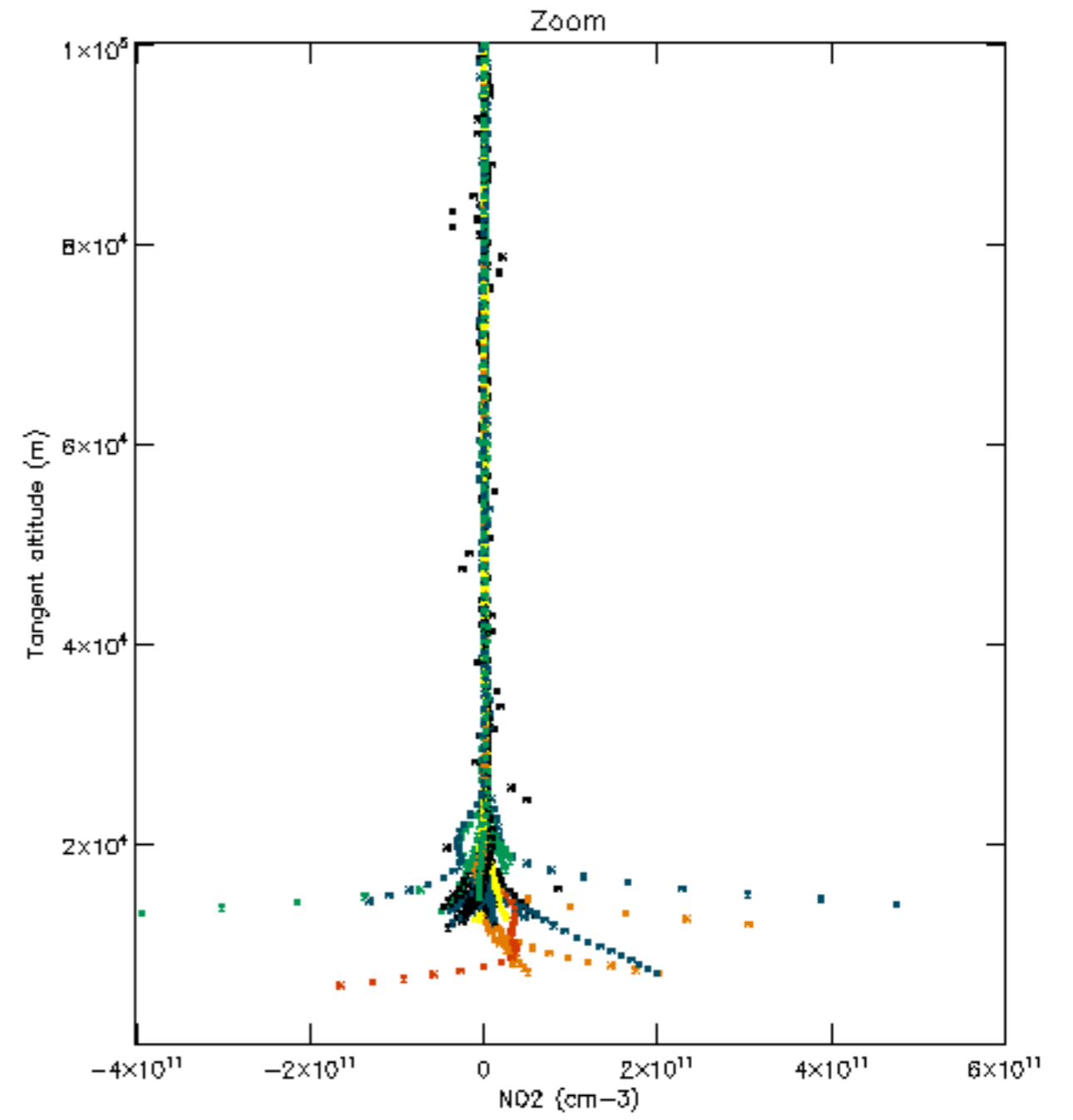
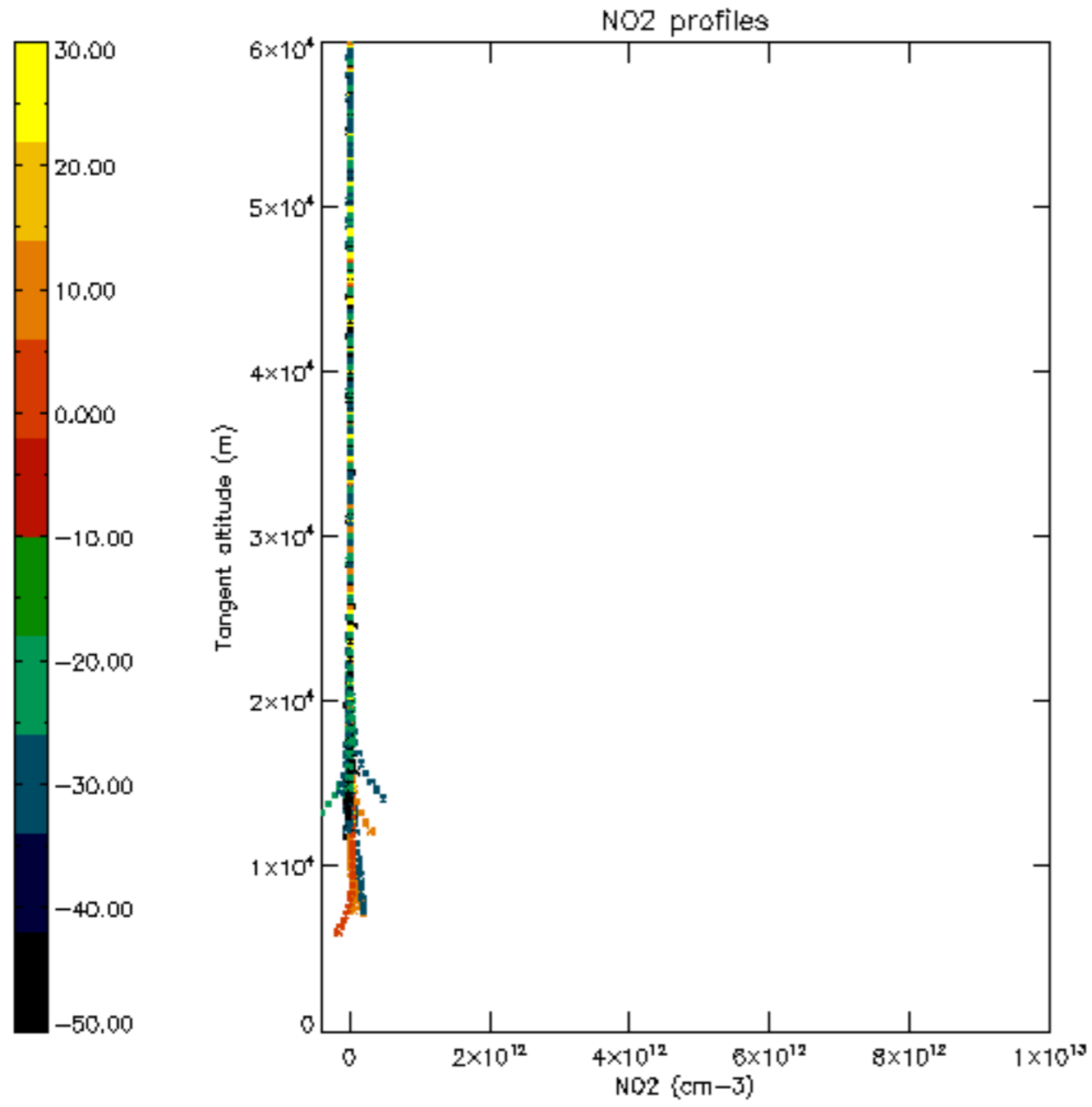


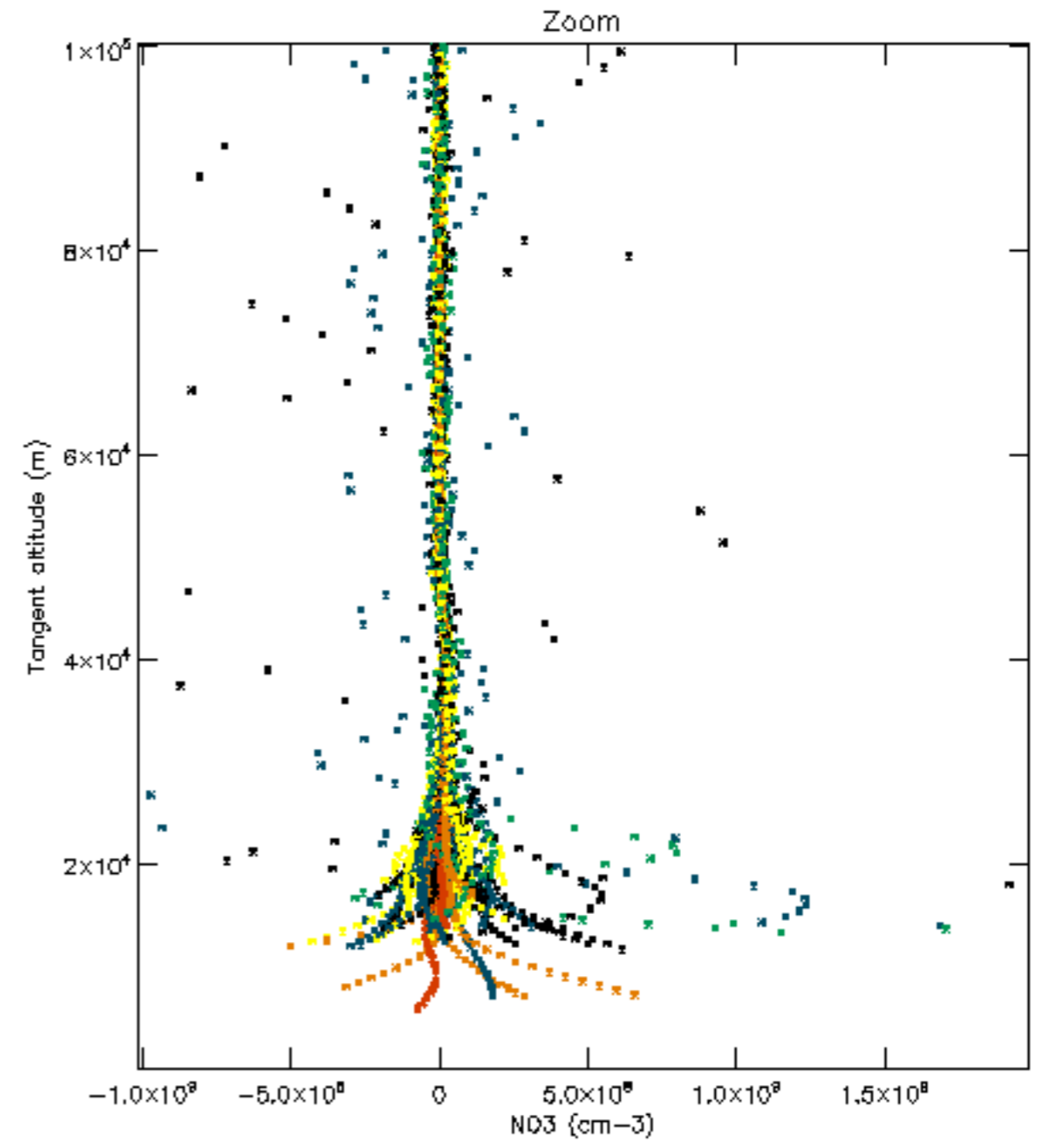
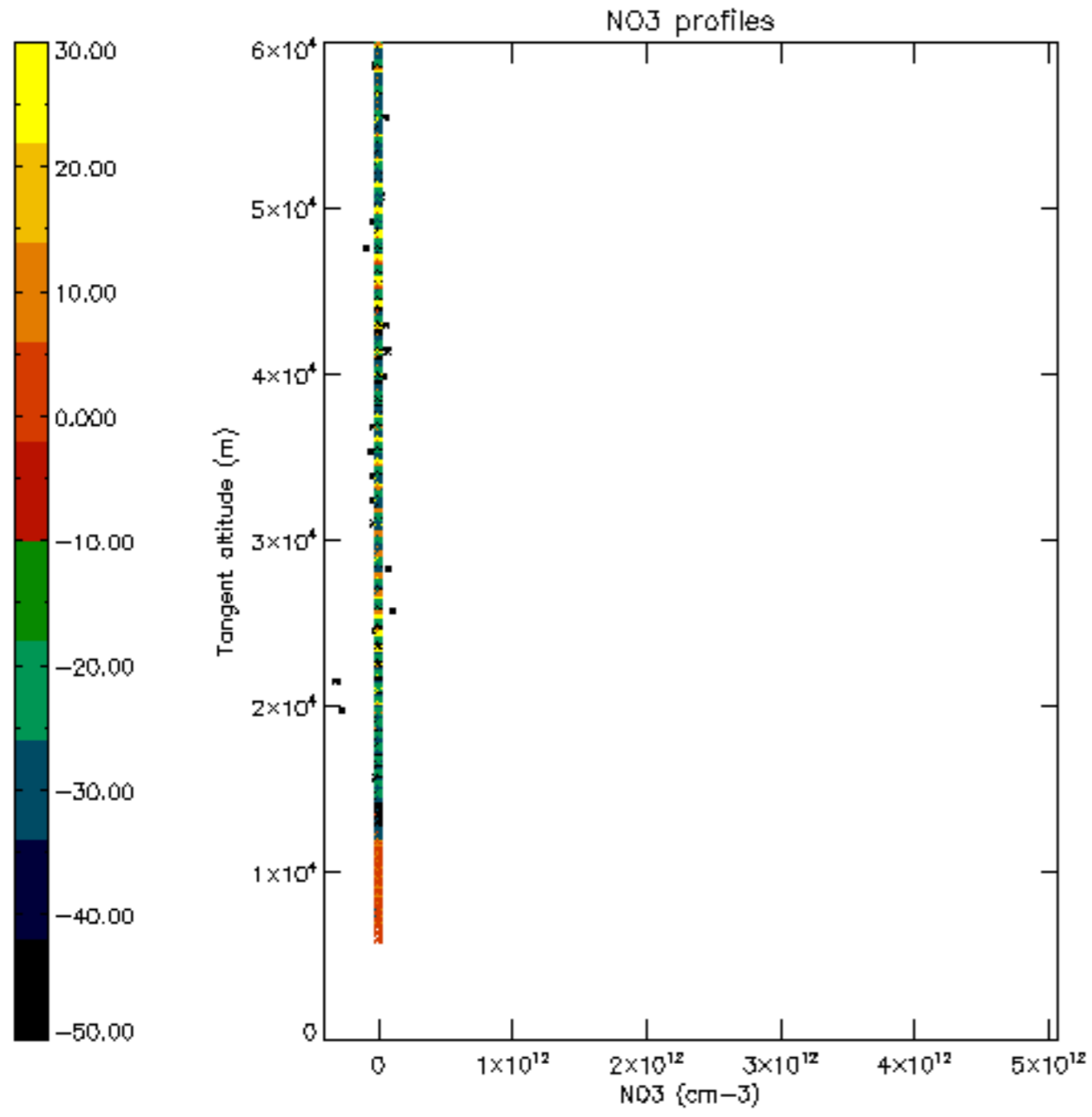


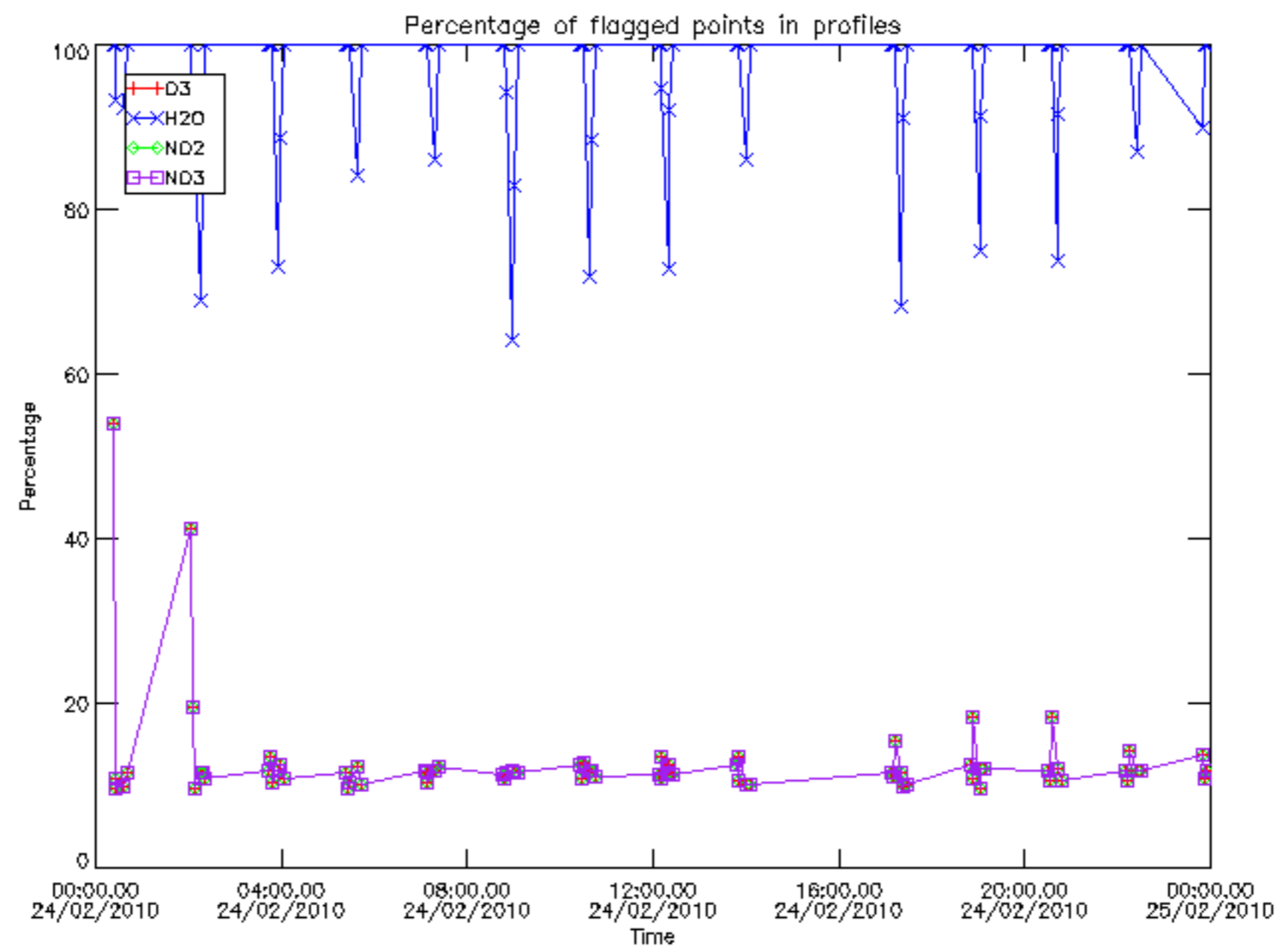




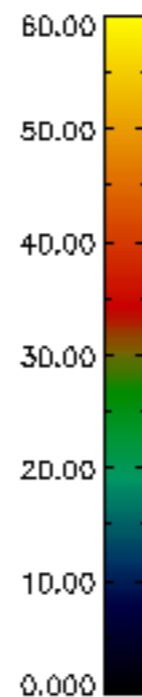
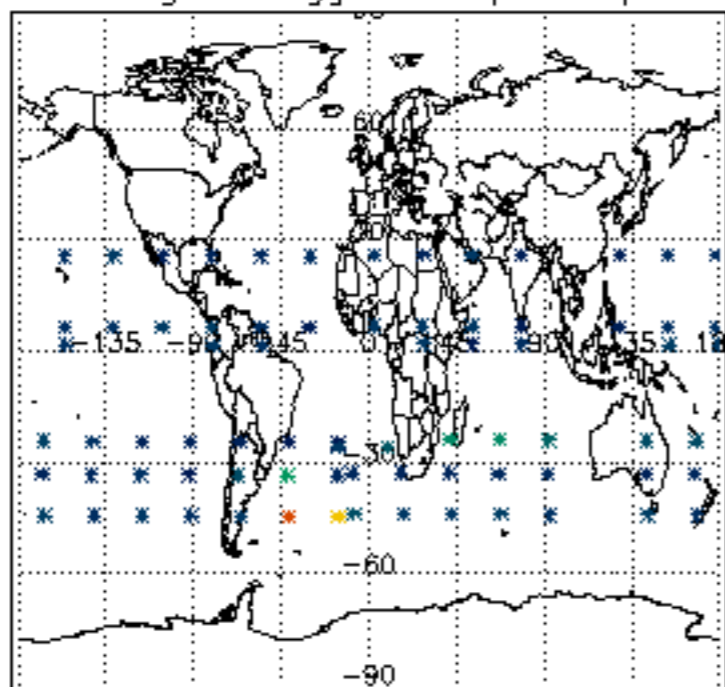




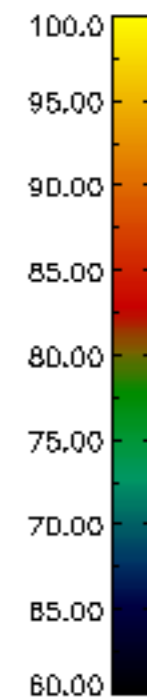
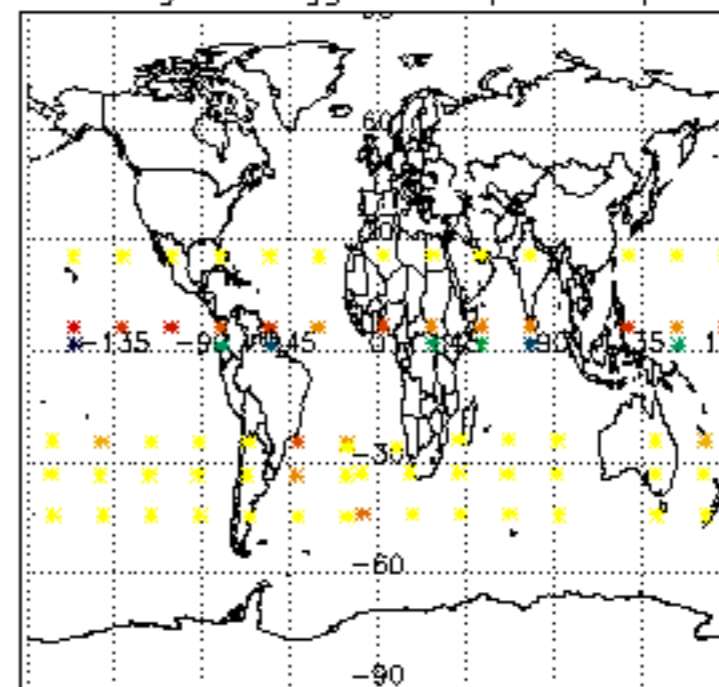




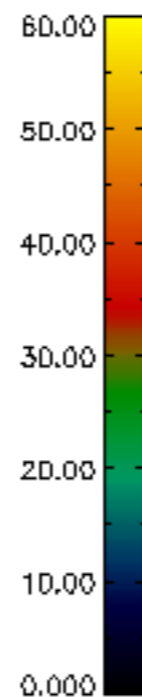
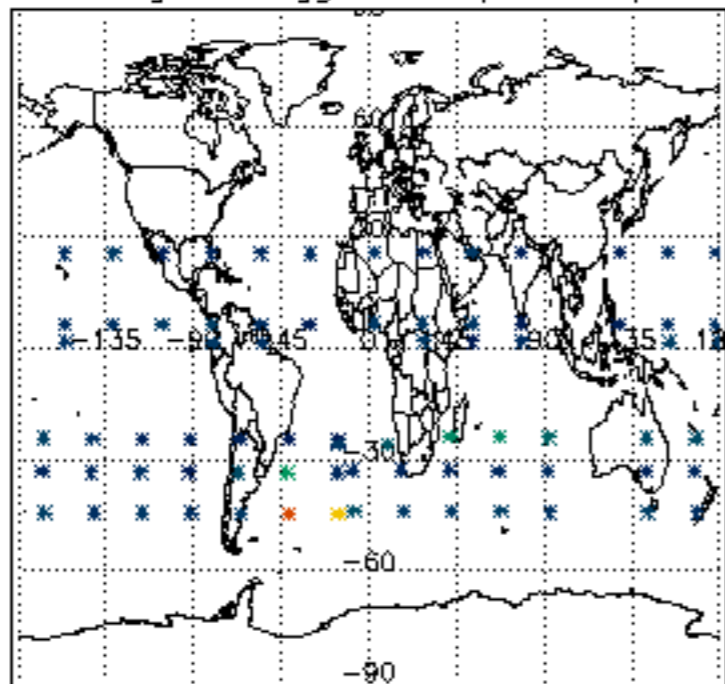
Percentage of flagged data per D3 profile



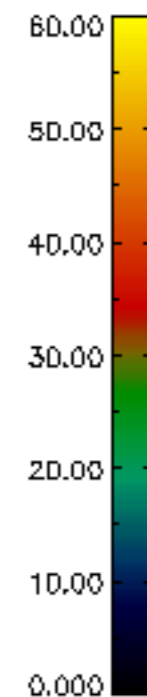
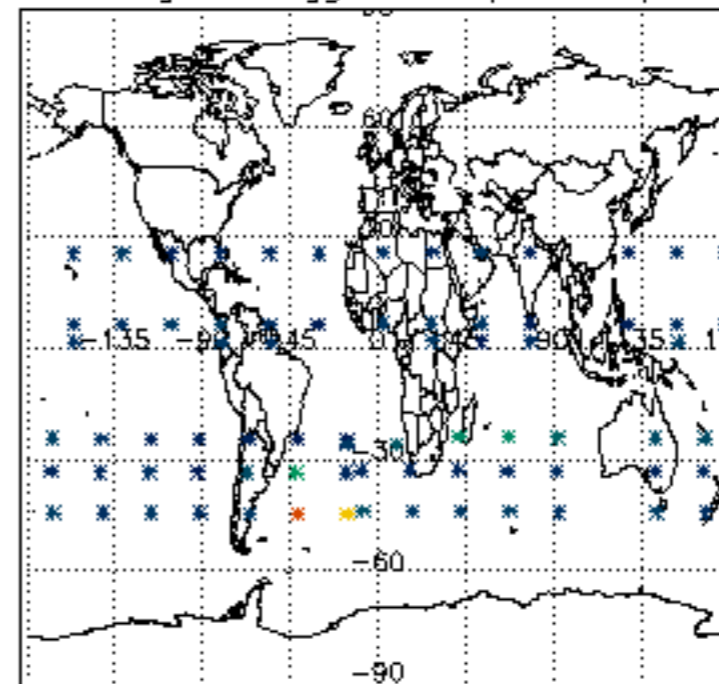
Percentage of flagged data per H2O profile

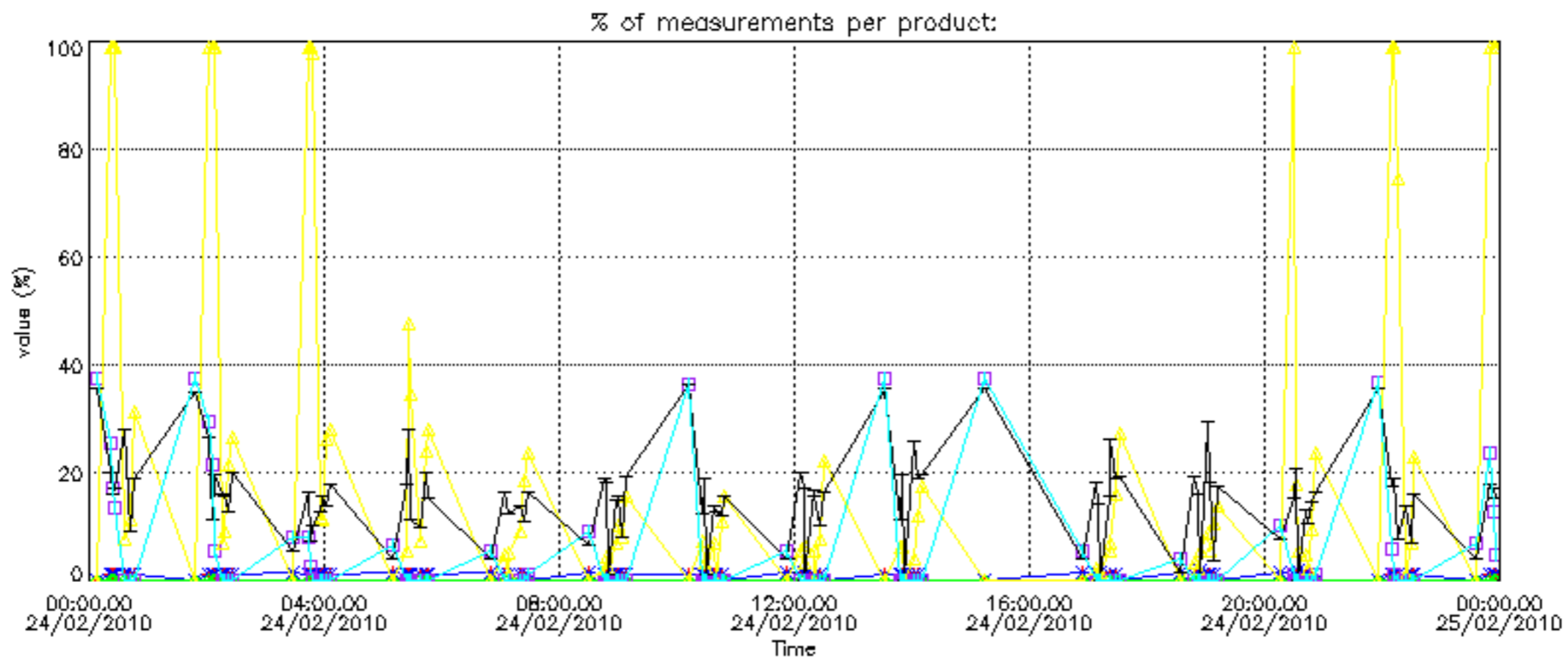


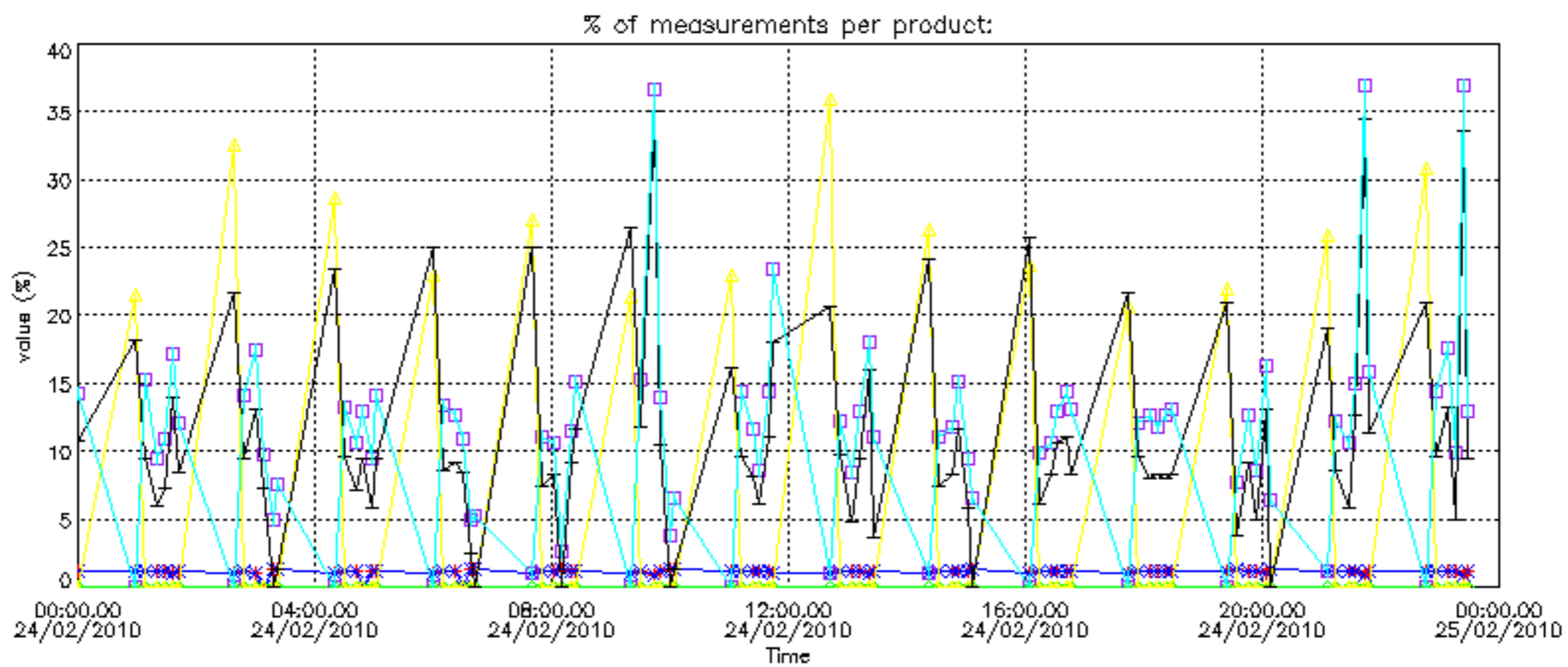
Percentage of flagged data per NO2 profile



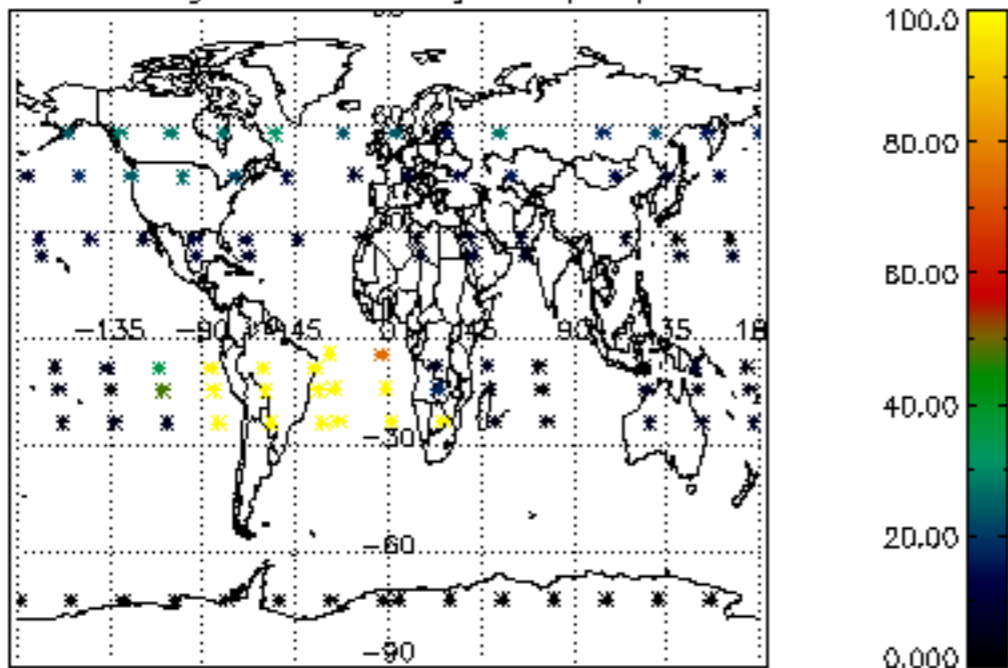
Percentage of flagged data per NO3 profile



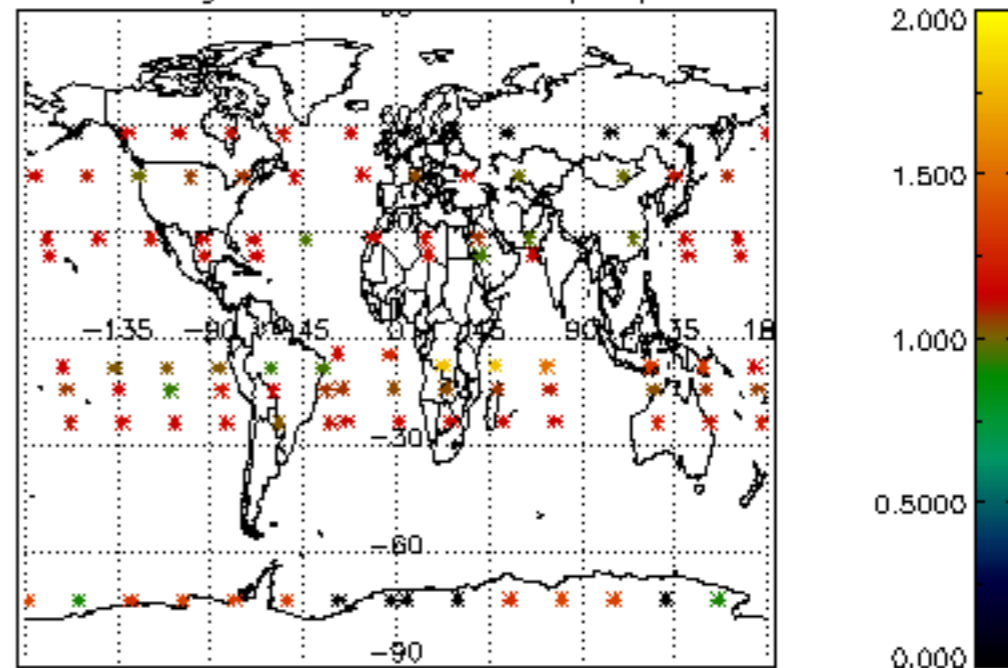




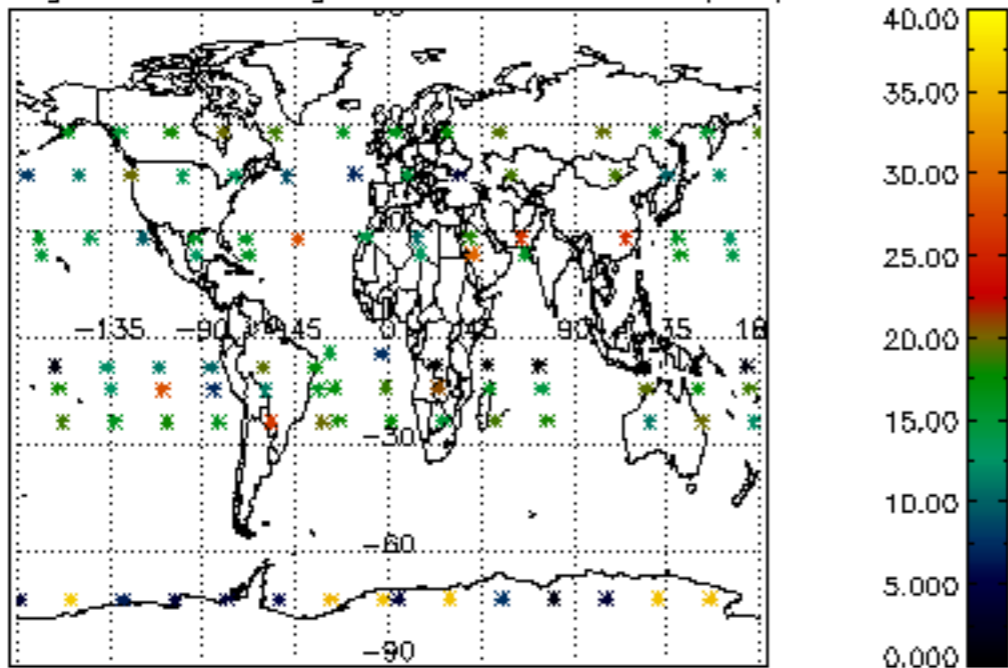
Percentage of cosmic ray hits per profile



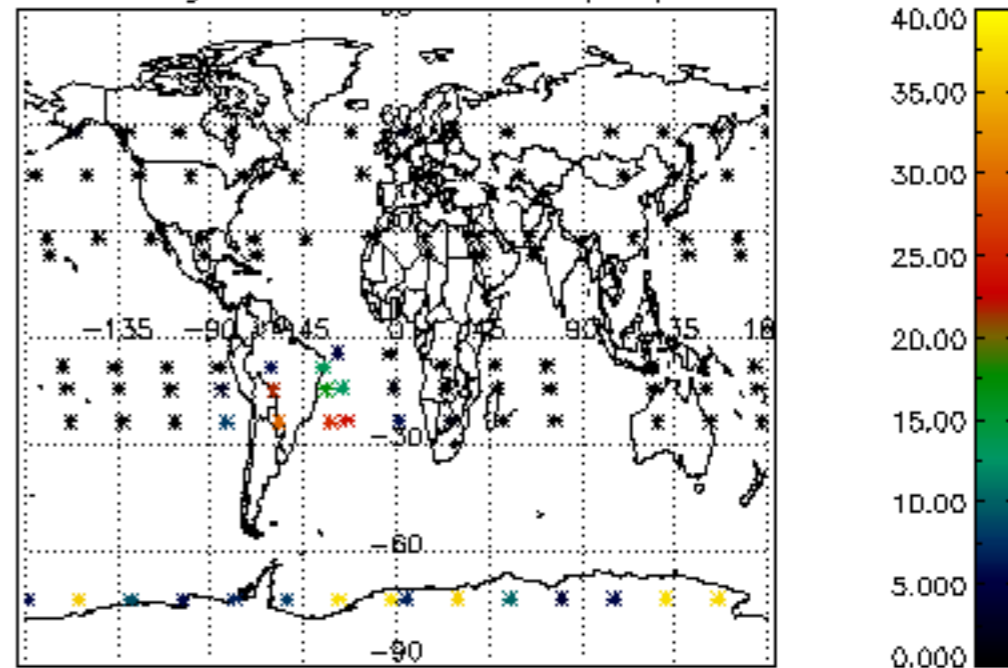
Percentage of datation errors per profile



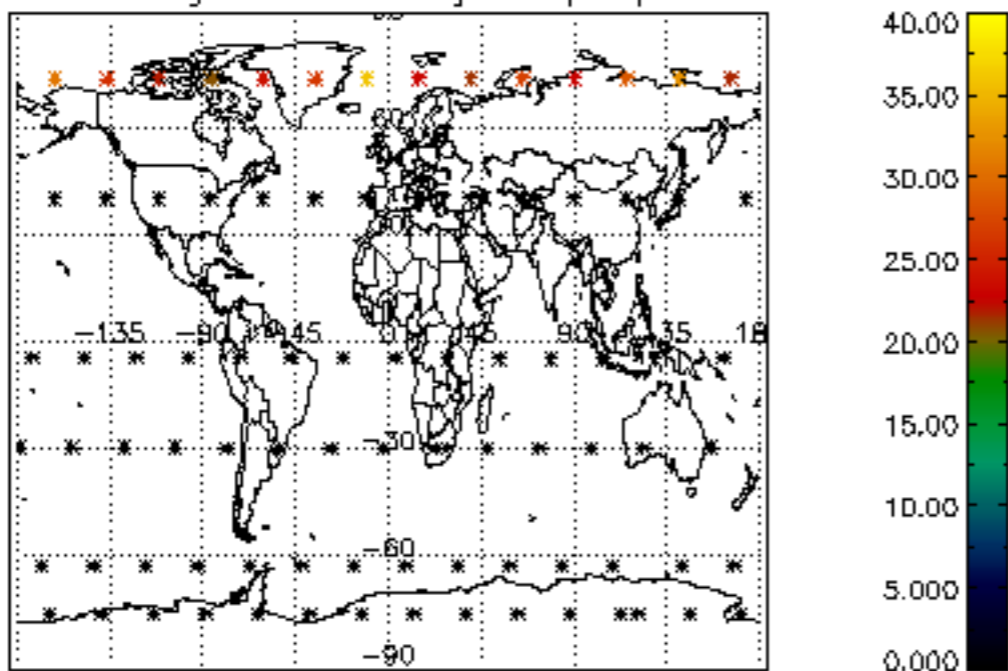
Percentage of star falling outside central band per profile



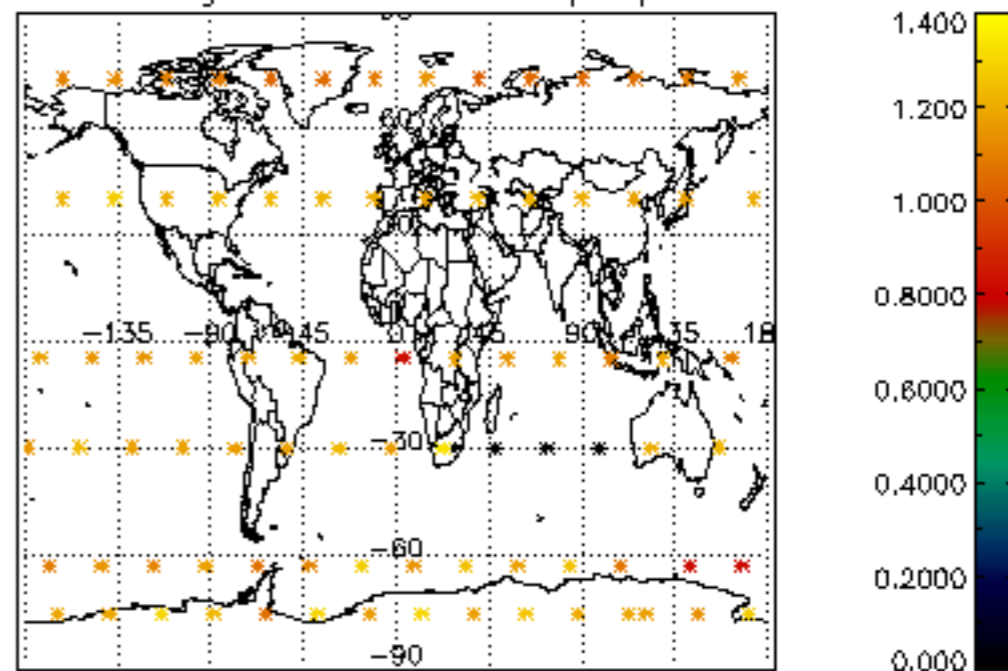
Percentage of saturation errors per profile



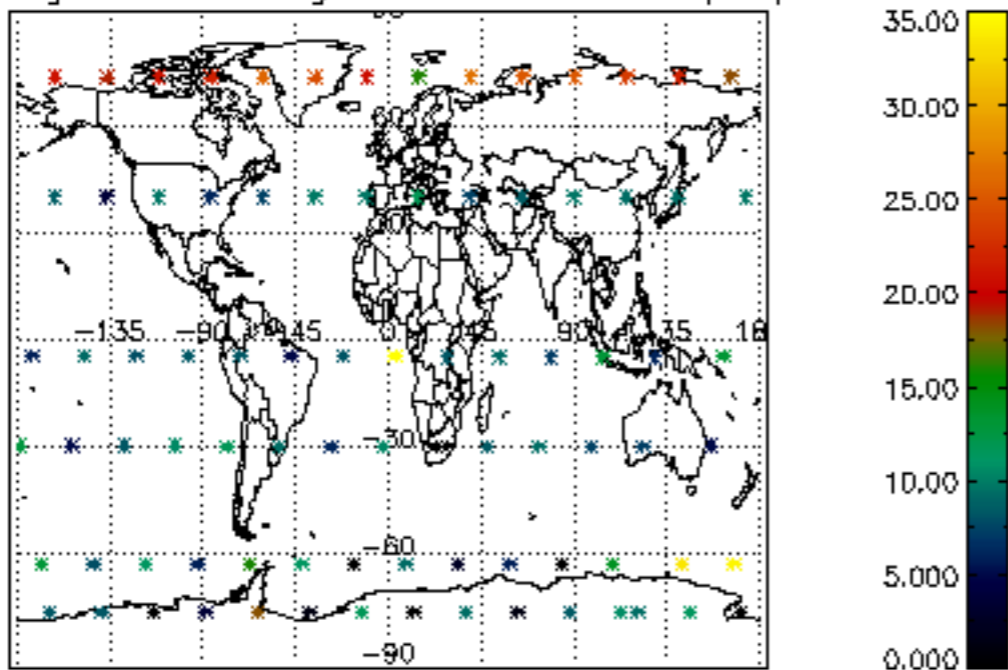
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

