

# 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 09:02:36
Data source version	GOMOS/6.01
Start time of products	25-04-2009 (25APR2009 00:00:00)
Stop time of products	26-04-2009 (26APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	206
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__2PRFIN20090425_000226_000000522078_00259_37387_0027.N1	25-APR-2009 00:02:26	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	37387	No
2	GOM_NL__2PRFIN20090425_002540_000000562078_00260_37388_0051.N1	25-APR-2009 00:25:40	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37388	No
3	GOM_NL__2PRFIN20090425_002717_000000652078_00260_37388_0052.N1	25-APR-2009 00:27:17	Straylight	65.000	25	35Lam Sco	1.6200	28000.	130	37388	No
4	GOM_NL__2PRFIN20090425_003045_000000682078_00260_37388_0053.N1	25-APR-2009 00:30:45	Straylight	67.500	75	26Eps Sco	2.2910	4250.0	135	37388	No
5	GOM_NL__2PRFIN20090425_003558_000000582078_00260_37388_0054.N1	25-APR-2009 00:35:58	Twilight_stray	58.000	158	6Pi Sco	2.9060	28000.	116	37388	No
6	GOM_NL__2PRFIN20090425_004054_000000482078_00260_37388_0055.N1	25-APR-2009 00:40:54	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37388	No
7	GOM_NL__2PRFIN20090425_005204_000000432078_00260_37388_0056.N1	25-APR-2009 00:52:04	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	37388	No
8	GOM_NL__2PRFIN20090425_005620_000000512078_00260_37388_0057.N1	25-APR-2009 00:56:20	Bright	51.000	83		2.3780	11000.	102	37388	No
9	GOM_NL__2PRFIN20090425_005913_000000422078_00260_37388_0058.N1	25-APR-2009 00:59:13	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37388	No
10	GOM_NL__2PRFIN20090425_010857_000000482078_00260_37388_0059.N1	25-APR-2009 01:08:57	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	37388	No
11	GOM_NL__2PRFIN20090425_011843_000000472078_00260_37388_0060.N1	25-APR-2009 01:18:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37388	No
12	GOM_NL__2PRFIN20090425_012359_000000532078_00260_37388_0061.N1	25-APR-2009 01:23:59	Bright	52.500	19	50Alp Cyg	1.2460	10500.	105	37388	No
13	GOM_NL__2PRFIN20090425_013723_000000582078_00260_37388_0062.N1	25-APR-2009 01:37:23	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	37388	No
14	GOM_NL__2PRFIN20090425_013951_000000492078_00260_37388_0063.N1	25-APR-2009 01:39:51	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37388	No
15	GOM_NL__2PRFIN20090425_014303_000000522078_00260_37388_0064.N1	25-APR-2009 01:43:03	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	37388	No
16	GOM_NL__2PRFIN20090425_020617_000000562078_00261_37389_0066.N1	25-APR-2009 02:06:17	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37389	No
17	GOM_NL__2PRFIN20090425_020754_000000642078_00261_37389_0067.N1	25-APR-2009 02:07:54	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37389	No
18	GOM_NL__2PRFIN20090425_021122_000000632078_00261_37389_0068.N1	25-APR-2009 02:11:22	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	37389	No
19	GOM_NL__2PRFIN20090425_021634_000000592078_00261_37389_0069.N1	25-APR-2009 02:16:34	Twilight_stray	58.500	158	6Pi Sco	2.9060	28000.	117	37389	No
20	GOM_NL__2PRFIN20090425_022130_000000482078_00261_37389_0070.N1	25-APR-2009 02:21:30	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37389	No
21	GOM_NL__2PRFIN20090425_023240_000000422078_00261_37389_0071.N1	25-APR-2009 02:32:40	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37389	No
22	GOM_NL__2PRFIN20090425_023655_000000532078_00261_37389_0072.N1	25-APR-2009 02:36:55	Bright	52.500	83		2.3780	11000.	105	37389	No
23	GOM_NL__2PRFIN20090425_023949_000000442078_00261_37389_0073.N1	25-APR-2009 02:39:49	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	37389	No
24	GOM_NL__2PRFIN20090425_024932_000000462078_00261_37389_0074.N1	25-APR-2009 02:49:32	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37389	No
25	GOM_NL__2PRFIN20090425_025919_000000392078_00261_37389_0075.N1	25-APR-2009 02:59:19	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	37389	No
26	GOM_NL__2PRFIN20090425_030435_000000592078_00261_37389_0076.N1	25-APR-2009 03:04:35	Bright	58.500	19	50Alp Cyg	1.2460	10500.	117	37389	No
27	GOM_NL__2PRFIN20090425_031800_000000572078_00261_37389_0077.N1	25-APR-2009 03:18:00	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	37389	No
28	GOM_NL__2PRFIN20090425_032027_000000512078_00261_37389_0078.N1	25-APR-2009 03:20:27	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37389	No
29	GOM_NL__2PRFIN20090425_032340_000000542078_00261_37389_0079.N1	25-APR-2009 03:23:40	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	37389	No
30	GOM_NL__2PRFIN20090425_034655_000000622078_00262_37390_0081.N1	25-APR-2009 03:46:55	Straylight	62.000	40	The Sco	1.8590	7100.0	124	37390	No
31	GOM_NL__2PRFIN20090425_034831_000000642078_00262_37390_0082.N1	25-APR-2009 03:48:31	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37390	No
32	GOM_NL__2PRFIN20090425_035159_000000592078_00262_37390_0083.N1	25-APR-2009 03:51:59	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37390	No
33	GOM_NL__2PRFIN20090425_035711_000000592078_00262_37390_0084.N1	25-APR-2009 03:57:11	Twilight_stray	58.500	158	6Pi Sco	2.9060	28000.	117	37390	No
34	GOM_NL__2PRFIN20090425_040206_000000482078_00262_37390_0085.N1	25-APR-2009 04:02:06	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	37390	No
35	GOM_NL__2PRFIN20090425_041316_000000412078_00262_37390_0086.N1	25-APR-2009 04:13:16	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37390	No
36	GOM_NL__2PRFIN20090425_041731_000000462078_00262_37390_0087.N1	25-APR-2009 04:17:31	Bright	46.000	83		2.3780	11000.	92	37390	No
37	GOM_NL__2PRFIN20090425_042024_000000432078_00262_37390_0088.N1	25-APR-2009 04:20:24	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37390	No
38	GOM_NL__2PRFIN20090425_043008_000000452078_00262_37390_0089.N1	25-APR-2009 04:30:08	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37390	No
39	GOM_NL__2PRFIN20090425_043955_000000402078_00262_37390_0090.N1	25-APR-2009 04:39:55	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37390	No
40	GOM_NL__2PRFIN20090425_044510_000000712078_00262_37390_0091.N1	25-APR-2009 04:45:10	Bright	71.000	19	50Alp Cyg	1.2460	10500.	142	37390	No
41	GOM_NL__2PRFIN20090425_045836_000000582078_00262_37390_0092.N1	25-APR-2009 04:58:36	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	37390	No
42	GOM_NL__2PRFIN20090425_050104_000000522078_00262_37390_0093.N1	25-APR-2009 05:01:04	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	37390	No

43	GOM_NL__2PRFIN20090425_050417_000000542078_00262_37390_0094.N1	25-APR-2009 05:04:17	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	37390	No
44	GOM_NL__2PRFIN20090425_052732_000000552078_00263_37391_0095.N1	25-APR-2009 05:27:32	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37391	No
45	GOM_NL__2PRFIN20090425_052908_000000652078_00263_37391_0096.N1	25-APR-2009 05:29:08	Straylight	64.500	25	35Lam Sco	1.6200	28000.	129	37391	No
46	GOM_NL__2PRFIN20090425_053236_000000632078_00263_37391_0097.N1	25-APR-2009 05:32:36	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	37391	No
47	GOM_NL__2PRFIN20090425_053747_000000602078_00263_37391_0098.N1	25-APR-2009 05:37:47	Tw_i_and_stray	59.500	158	6Pi Sco	2.9060	28000.	119	37391	No
48	GOM_NL__2PRFIN20090425_054242_000000502078_00263_37391_0099.N1	25-APR-2009 05:42:42	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	37391	No
49	GOM_NL__2PRFIN20090425_055352_000000412078_00263_37391_0100.N1	25-APR-2009 05:53:52	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37391	No
50	GOM_NL__2PRFIN20090425_055806_000000522078_00263_37391_0101.N1	25-APR-2009 05:58:06	Bright	52.000	83		2.3780	11000.	104	37391	No
51	GOM_NL__2PRFIN20090425_060059_000000422078_00263_37391_0102.N1	25-APR-2009 06:00:59	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37391	No
52	GOM_NL__2PRFIN20090425_061043_000000442078_00263_37391_0103.N1	25-APR-2009 06:10:43	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37391	No
53	GOM_NL__2PRFIN20090425_062031_000000412078_00263_37391_0104.N1	25-APR-2009 06:20:31	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37391	No
54	GOM_NL__2PRFIN20090425_062546_000000582078_00263_37391_0105.N1	25-APR-2009 06:25:46	Bright	58.000	19	50Alp Cyg	1.2460	10500.	116	37391	No
55	GOM_NL__2PRFIN20090425_063913_000000612078_00263_37391_0106.N1	25-APR-2009 06:39:13	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	37391	No
56	GOM_NL__2PRFIN20090425_064141_000000502078_00263_37391_0107.N1	25-APR-2009 06:41:41	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37391	No
57	GOM_NL__2PRFIN20090425_064454_000000562078_00263_37391_0108.N1	25-APR-2009 06:44:54	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	37391	No
58	GOM_NL__2PRFIN20090425_070808_000000542078_00264_37392_0109.N1	25-APR-2009 07:08:08	Straylight	54.000	40	The Sco	1.8590	7100.0	108	37392	No
59	GOM_NL__2PRFIN20090425_070945_000000622078_00264_37392_0110.N1	25-APR-2009 07:09:45	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	37392	No
60	GOM_NL__2PRFIN20090425_071313_000000622078_00264_37392_0111.N1	25-APR-2009 07:13:13	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	37392	No
61	GOM_NL__2PRFIN20090425_071824_000000572078_00264_37392_0112.N1	25-APR-2009 07:18:24	Tw_i_and_stray	57.000	158	6Pi Sco	2.9060	28000.	114	37392	No
62	GOM_NL__2PRFIN20090425_072318_000000482078_00264_37392_0113.N1	25-APR-2009 07:23:18	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37392	No
63	GOM_NL__2PRFIN20090425_073427_000000402078_00264_37392_0114.N1	25-APR-2009 07:34:27	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37392	No
64	GOM_NL__2PRFIN20090425_073841_000000532078_00264_37392_0115.N1	25-APR-2009 07:38:41	Bright	52.500	83		2.3780	11000.	105	37392	No
65	GOM_NL__2PRFIN20090425_074135_000000442078_00264_37392_0116.N1	25-APR-2009 07:41:35	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37392	No
66	GOM_NL__2PRFIN20090425_075118_000000472078_00264_37392_0117.N1	25-APR-2009 07:51:18	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37392	No
67	GOM_NL__2PRFIN20090425_080106_000000402078_00264_37392_0118.N1	25-APR-2009 08:01:06	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	37392	No
68	GOM_NL__2PRFIN20090425_080622_000000612078_00264_37392_0119.N1	25-APR-2009 08:06:22	Bright	60.500	19	50Alp Cyg	1.2460	10500.	121	37392	No
69	GOM_NL__2PRFIN20090425_081950_000000592078_00264_37392_0120.N1	25-APR-2009 08:19:50	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	37392	No
70	GOM_NL__2PRFIN20090425_082217_000000482078_00264_37392_0121.N1	25-APR-2009 08:22:17	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	37392	No
71	GOM_NL__2PRFIN20090425_082531_000000532078_00264_37392_0122.N1	25-APR-2009 08:25:31	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	37392	No
72	GOM_NL__2PRFIN20090425_084845_000000522078_00265_37393_0123.N1	25-APR-2009 08:48:45	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37393	No
73	GOM_NL__2PRFIN20090425_085022_000000632078_00265_37393_0124.N1	25-APR-2009 08:50:22	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	37393	No
74	GOM_NL__2PRFIN20090425_085349_000000612078_00265_37393_0125.N1	25-APR-2009 08:53:49	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	37393	No
75	GOM_NL__2PRFIN20090425_085900_000000562078_00265_37393_0126.N1	25-APR-2009 08:59:00	Tw_i_and_stray	56.000	158	6Pi Sco	2.9060	28000.	112	37393	No
76	GOM_NL__2PRFIN20090425_090354_000000492078_00265_37393_0127.N1	25-APR-2009 09:03:54	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	37393	No
77	GOM_NL__2PRFIN20090425_091503_000000422078_00265_37393_0128.N1	25-APR-2009 09:15:03	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37393	No
78	GOM_NL__2PRFIN20090425_091916_000000512078_00265_37393_0129.N1	25-APR-2009 09:19:16	Bright	51.000	83		2.3780	11000.	102	37393	No
79	GOM_NL__2PRFIN20090425_092210_000000442078_00265_37393_0130.N1	25-APR-2009 09:22:10	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37393	No
80	GOM_NL__2PRFIN20090425_093153_000000432078_00265_37393_0131.N1	25-APR-2009 09:31:53	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37393	No
81	GOM_NL__2PRFIN20090425_094142_000000602078_00265_37393_0132.N1	25-APR-2009 09:41:42	Bright	60.000	89	5Alp Cep	2.4510	8000.0	120	37393	No
82	GOM_NL__2PRFIN20090425_094657_000000602078_00265_37393_0133.N1	25-APR-2009 09:46:57	Bright	59.500	19	50Alp Cyg	1.2460	10500.	119	37393	No
83	GOM_NL__2PRFIN20090425_100026_000000592078_00265_37393_0134.N1	25-APR-2009 10:00:26	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	37393	No
84	GOM_NL__2PRFIN20090425_100254_000000522078_00265_37393_0135.N1	25-APR-2009 10:02:54	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	37393	No
85	GOM_NL__2PRFIN20090425_100607_000000532078_00265_37393_0136.N1	25-APR-2009 10:06:07	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	37393	No
86	GOM_NL__2PRFIN20090425_102922_000000572078_00266_37394_0137.N1	25-APR-2009 10:29:22	Straylight	57.000	40	The Sco	1.8590	7100.0	114	37394	No
87	GOM_NL__2PRFIN20090425_103059_000000602078_00266_37394_0138.N1	25-APR-2009 10:30:59	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37394	No
88	GOM_NL__2PRFIN20090425_103426_000000662078_00266_37394_0139.N1	25-APR-2009 10:34:26	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	37394	No
89	GOM_NL__2PRFIN20090425_103936_000000572078_00266_37394_0140.N1	25-APR-2009 10:39:36	Tw_i_and_stray	57.000	158	6Pi Sco	2.9060	28000.	114	37394	No
90	GOM_NL__2PRFIN20090425_104430_000000522078_00266_37394_0141.N1	25-APR-2009 10:44:30	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	37394	No
91	GOM_NL__2PRFIN20090425_105539_000000412078_00266_37394_0142.N1	25-APR-2009 10:55:39	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37394	No
92	GOM_NL__2PRFIN20090425_105951_000000532078_00266_37394_0143.N1	25-APR-2009 10:59:51	Bright	52.500	83		2.3780	11000.	105	37394	No
93	GOM_NL__2PRFIN20090425_110245_000000652078_00266_37394_0144.N1	25-APR-2009 11:02:45	Bright	65.000	180	27Gam Boo	3.0400	8000.0	130	37394	No
94	GOM_NL__2PRFIN20090425_111229_000000472078_00266_37394_0145.N1	25-APR-2009 11:12:29	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37394	No
95	GOM_NL__2PRFIN20090425_112218_000000402078_00266_37394_0146.N1	25-APR-2009 11:22:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37394	No
96	GOM_NL__2PRFIN20090425_112733_000000602078_00266_37394_0147.N1	25-APR-2009 11:27:33	Bright	59.500	19	50Alp Cyg	1.2460	10500.	119	37394	No
97	GOM_NL__2PRFIN20090425_114103_000000602078_00266_37394_0148.N1	25-APR-2009 11:41:03	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	37394	No
98	GOM_NL__2PRFIN20090425_114330_000000502078_00266_37394_0149.N1	25-APR-2009 11:43:30	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37394	No
99	GOM_NL__2PRFIN20090425_114644_000000572078_00266_37394_0150.N1	25-APR-2009 11:46:44	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	37394	No
100	GOM_NL__2PRFIN20090425_120959_000000352078_00267_37395_0151.N1	25-APR-2009 12:09:59	Straylight	34.500	40	The Sco	1.8590	7100.0	69	37395	No
101	GOM_NL__2PRFIN20090425_121136_000000572078_00267_37395_0152.N1	25-APR-2009 12:11:36	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37395	No

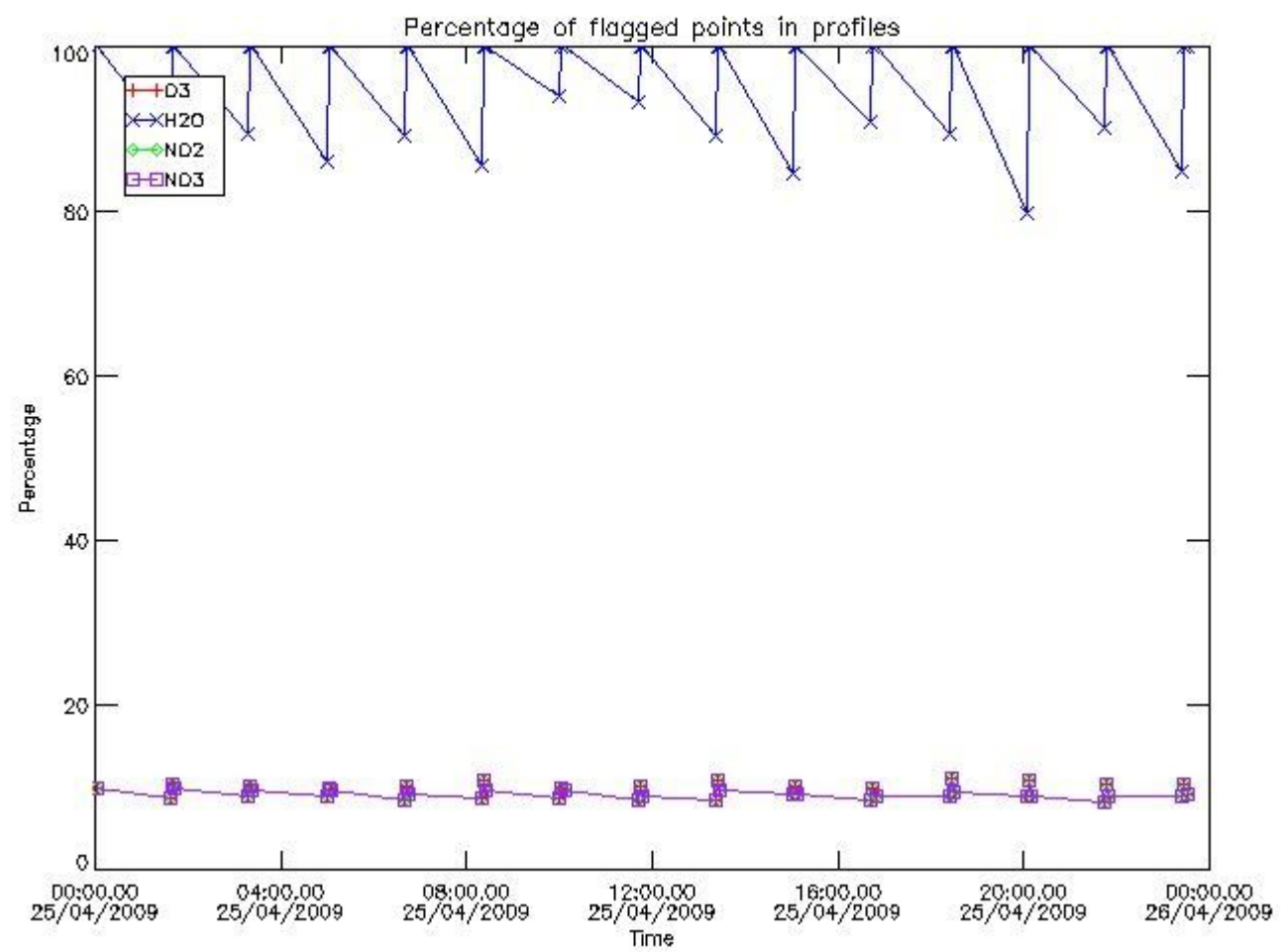
102	GOM_NL__2PRFIN20090425_121503_000000642078_00267_37395_0153.N1	25-APR-2009 12:15:03	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37395	No
103	GOM_NL__2PRFIN20090425_122013_000000542078_00267_37395_0154.N1	25-APR-2009 12:20:13	Tw_i_and_stray	54.000	158	6Pi Sco	2.9060	28000.	108	37395	No
104	GOM_NL__2PRFIN20090425_122506_000000452078_00267_37395_0155.N1	25-APR-2009 12:25:06	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	37395	No
105	GOM_NL__2PRFIN20090425_123614_000000402078_00267_37395_0156.N1	25-APR-2009 12:36:14	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37395	No
106	GOM_NL__2PRFIN20090425_124027_000000492078_00267_37395_0157.N1	25-APR-2009 12:40:27	Bright	48.500	83		2.3780	11000.	97	37395	No
107	GOM_NL__2PRFIN20090425_124320_000000442078_00267_37395_0158.N1	25-APR-2009 12:43:20	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37395	No
108	GOM_NL__2PRFIN20090425_125304_000000462078_00267_37395_0159.N1	25-APR-2009 12:53:04	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37395	No
109	GOM_NL__2PRFIN20090425_130253_000000482078_00267_37395_0160.N1	25-APR-2009 13:02:53	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	37395	No
110	GOM_NL__2PRFIN20090425_130809_000000542078_00267_37395_0161.N1	25-APR-2009 13:08:09	Bright	53.500	19	50Alp Cyg	1.2460	10500.	107	37395	No
111	GOM_NL__2PRFIN20090425_132139_000000612078_00267_37395_0162.N1	25-APR-2009 13:21:39	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	37395	No
112	GOM_NL__2PRFIN20090425_132407_000000472078_00267_37395_0163.N1	25-APR-2009 13:24:07	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	37395	No
113	GOM_NL__2PRFIN20090425_132721_000000542078_00267_37395_0164.N1	25-APR-2009 13:27:21	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	37395	No
114	GOM_NL__2PRFIN20090425_135036_000000592078_00268_37396_0165.N1	25-APR-2009 13:50:36	Straylight	58.500	40	The Sco	1.8590	7100.0	117	37396	No
115	GOM_NL__2PRFIN20090425_135213_000000602078_00268_37396_0166.N1	25-APR-2009 13:52:13	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37396	No
116	GOM_NL__2PRFIN20090425_135540_000000662078_00268_37396_0167.N1	25-APR-2009 13:55:40	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	37396	No
117	GOM_NL__2PRFIN20090425_140049_000000542078_00268_37396_0168.N1	25-APR-2009 14:00:49	Tw_i_and_stray	54.000	158	6Pi Sco	2.9060	28000.	108	37396	No
118	GOM_NL__2PRFIN20090425_140542_000000492078_00268_37396_0169.N1	25-APR-2009 14:05:42	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	37396	No
119	GOM_NL__2PRFIN20090425_140815_000000262078_00268_37396_0170.N1	25-APR-2009 14:08:15	Tw_i_and_stray	26.000	104	27Bet Lib	2.6140	13100.	52	37396	No
120	GOM_NL__2PRFIN20090425_141650_000000402078_00268_37396_0171.N1	25-APR-2009 14:16:50	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37396	No
121	GOM_NL__2PRFIN20090425_142102_000000462078_00268_37396_0172.N1	25-APR-2009 14:21:02	Bright	45.500	83		2.3780	11000.	91	37396	No
122	GOM_NL__2PRFIN20090425_142356_000000432078_00268_37396_0173.N1	25-APR-2009 14:23:56	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37396	No
123	GOM_NL__2PRFIN20090425_143339_000000482078_00268_37396_0174.N1	25-APR-2009 14:33:39	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37396	No
124	GOM_NL__2PRFIN20090425_144329_000000472078_00268_37396_0175.N1	25-APR-2009 14:43:29	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37396	No
125	GOM_NL__2PRFIN20090425_144844_000000562078_00268_37396_0176.N1	25-APR-2009 14:48:44	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	37396	No
126	GOM_NL__2PRFIN20090425_150216_000000562078_00268_37396_0177.N1	25-APR-2009 15:02:16	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	37396	No
127	GOM_NL__2PRFIN20090425_150443_000000502078_00268_37396_0178.N1	25-APR-2009 15:04:43	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37396	No
128	GOM_NL__2PRFIN20090425_150758_000000552078_00268_37396_0179.N1	25-APR-2009 15:07:58	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	37396	No
129	GOM_NL__2PRFIN20090425_153112_000000582078_00269_37397_0179.N1	25-APR-2009 15:31:12	Straylight	57.500	40	The Sco	1.8590	7100.0	115	37397	No
130	GOM_NL__2PRFIN20090425_153250_000000572078_00269_37397_0180.N1	25-APR-2009 15:32:50	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	37397	No
131	GOM_NL__2PRFIN20090425_153616_000000652078_00269_37397_0181.N1	25-APR-2009 15:36:16	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	37397	No
132	GOM_NL__2PRFIN20090425_154126_000000552078_00269_37397_0182.N1	25-APR-2009 15:41:26	Tw_i_and_stray	55.000	158	6Pi Sco	2.9060	28000.	110	37397	No
133	GOM_NL__2PRFIN20090425_154618_000000482078_00269_37397_0183.N1	25-APR-2009 15:46:18	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	37397	No
134	GOM_NL__2PRFIN20090425_154851_000000262078_00269_37397_0184.N1	25-APR-2009 15:48:51	Tw_i_and_stray	26.000	104	27Bet Lib	2.6140	13100.	52	37397	No
135	GOM_NL__2PRFIN20090425_155725_000000402078_00269_37397_0185.N1	25-APR-2009 15:57:25	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37397	No
136	GOM_NL__2PRFIN20090425_160137_000000512078_00269_37397_0186.N1	25-APR-2009 16:01:37	Bright	51.000	83		2.3780	11000.	102	37397	No
137	GOM_NL__2PRFIN20090425_160431_000000432078_00269_37397_0187.N1	25-APR-2009 16:04:31	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37397	No
138	GOM_NL__2PRFIN20090425_161415_000000452078_00269_37397_0188.N1	25-APR-2009 16:14:15	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37397	No
139	GOM_NL__2PRFIN20090425_162405_000000482078_00269_37397_0189.N1	25-APR-2009 16:24:05	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	37397	No
140	GOM_NL__2PRFIN20090425_162920_000000562078_00269_37397_0190.N1	25-APR-2009 16:29:20	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	37397	No
141	GOM_NL__2PRFIN20090425_164252_000000602078_00269_37397_0191.N1	25-APR-2009 16:42:52	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	37397	No
142	GOM_NL__2PRFIN20090425_164520_000000512078_00269_37397_0192.N1	25-APR-2009 16:45:20	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	37397	No
143	GOM_NL__2PRFIN20090425_164835_000000582078_00269_37397_0193.N1	25-APR-2009 16:48:35	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	37397	No
144	GOM_NL__2PRFIN20090425_171150_000000632078_00270_37398_0215.N1	25-APR-2009 17:11:50	Straylight	63.000	40	The Sco	1.8590	7100.0	126	37398	No
145	GOM_NL__2PRFIN20090425_171327_000000582078_00270_37398_0216.N1	25-APR-2009 17:13:27	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	37398	No
146	GOM_NL__2PRFIN20090425_171653_000000622078_00270_37398_0217.N1	25-APR-2009 17:16:53	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	37398	No
147	GOM_NL__2PRFIN20090425_172202_000000532078_00270_37398_0218.N1	25-APR-2009 17:22:02	Tw_i_and_stray	52.500	158	6Pi Sco	2.9060	28000.	105	37398	No
148	GOM_NL__2PRFIN20090425_172654_000000472078_00270_37398_0219.N1	25-APR-2009 17:26:54	Bright	47.000	122	9Alp2Lib	2.7470	9700.0	94	37398	No
149	GOM_NL__2PRFIN20090425_172926_000000332078_00270_37398_0220.N1	25-APR-2009 17:29:26	Tw_i_and_stray	33.000	104	27Bet Lib	2.6140	13100.	66	37398	No
150	GOM_NL__2PRFIN20090425_173801_000000412078_00270_37398_0221.N1	25-APR-2009 17:38:01	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37398	No
151	GOM_NL__2PRFIN20090425_174213_000000492078_00270_37398_0222.N1	25-APR-2009 17:42:13	Bright	48.500	83		2.3780	11000.	97	37398	No
152	GOM_NL__2PRFIN20090425_174507_000000432078_00270_37398_0223.N1	25-APR-2009 17:45:07	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37398	No
153	GOM_NL__2PRFIN20090425_175450_000000432078_00270_37398_0224.N1	25-APR-2009 17:54:50	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37398	No
154	GOM_NL__2PRFIN20090425_180440_000000472078_00270_37398_0225.N1	25-APR-2009 18:04:40	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37398	No
155	GOM_NL__2PRFIN20090425_180956_000000502078_00270_37398_0226.N1	25-APR-2009 18:09:56	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	37398	No
156	GOM_NL__2PRFIN20090425_182329_000000582078_00270_37398_0227.N1	25-APR-2009 18:23:29	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	37398	No
157	GOM_NL__2PRFIN20090425_182557_000000502078_00270_37398_0228.N1	25-APR-2009 18:25:57	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37398	No
158	GOM_NL__2PRFIN20090425_182912_000000552078_00270_37398_0229.N1	25-APR-2009 18:29:12	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37398	No
159	GOM_NL__2PRFIN20090425_185227_000000612078_00271_37399_0233.N1	25-APR-2009 18:52:27	Straylight	60.500	40	The Sco	1.8590	7100.0	121	37399	No
160	GOM_NL__2PRFIN20090425_185405_000000582078_00271_37399_0234.N1	25-APR-2009 18:54:05	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	37399	No

161	GOM_NL__2PRFIN20090425_185730_000000642078_00271_37399_0235.N1	25-APR-2009 18:57:30	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37399	No
162	GOM_NL__2PRFIN20090425_190238_000000592078_00271_37399_0236.N1	25-APR-2009 19:02:38	Tw_i_and_stray	58.500	158	6Pi Sco	2.9060	28000.	117	37399	No
163	GOM_NL__2PRFIN20090425_190730_000000472078_00271_37399_0237.N1	25-APR-2009 19:07:30	Bright	47.000	122	9Alp2Lib	2.7470	9700.0	94	37399	No
164	GOM_NL__2PRFIN20090425_191002_000000332078_00271_37399_0238.N1	25-APR-2009 19:10:02	Tw_i_and_stray	33.000	104	27Bet Lib	2.6140	13100.	66	37399	No
165	GOM_NL__2PRFIN20090425_191837_000000402078_00271_37399_0239.N1	25-APR-2009 19:18:37	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37399	No
166	GOM_NL__2PRFIN20090425_192248_000000472078_00271_37399_0240.N1	25-APR-2009 19:22:48	Bright	46.500	83		2.3780	11000.	93	37399	No
167	GOM_NL__2PRFIN20090425_192542_000000442078_00271_37399_0241.N1	25-APR-2009 19:25:42	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37399	No
168	GOM_NL__2PRFIN20090425_193525_000000462078_00271_37399_0242.N1	25-APR-2009 19:35:25	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	37399	No
169	GOM_NL__2PRFIN20090425_194516_000000392078_00271_37399_0243.N1	25-APR-2009 19:45:16	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	37399	No
170	GOM_NL__2PRFIN20090425_195031_000000502078_00271_37399_0244.N1	25-APR-2009 19:50:31	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	37399	No
171	GOM_NL__2PRFIN20090425_200406_000000572078_00271_37399_0245.N1	25-APR-2009 20:04:06	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	37399	No
172	GOM_NL__2PRFIN20090425_200633_000000482078_00271_37399_0246.N1	25-APR-2009 20:06:33	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	37399	No
173	GOM_NL__2PRFIN20090425_200949_000000582078_00271_37399_0247.N1	25-APR-2009 20:09:49	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	37399	No
174	GOM_NL__2PRFIN20090425_203304_000000582078_00272_37400_0249.N1	25-APR-2009 20:33:04	Straylight	58.000	40	The Sco	1.8590	7100.0	116	37400	No
175	GOM_NL__2PRFIN20090425_203441_000000622078_00272_37400_0250.N1	25-APR-2009 20:34:41	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37400	No
176	GOM_NL__2PRFIN20090425_203807_000000662078_00272_37400_0251.N1	25-APR-2009 20:38:07	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	37400	No
177	GOM_NL__2PRFIN20090425_204315_000000552078_00272_37400_0252.N1	25-APR-2009 20:43:15	Tw_i_and_stray	54.500	158	6Pi Sco	2.9060	28000.	109	37400	No
178	GOM_NL__2PRFIN20090425_204806_000000482078_00272_37400_0253.N1	25-APR-2009 20:48:06	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37400	No
179	GOM_NL__2PRFIN20090425_205038_000000392078_00272_37400_0254.N1	25-APR-2009 20:50:38	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	37400	No
180	GOM_NL__2PRFIN20090425_205913_000000392078_00272_37400_0255.N1	25-APR-2009 20:59:13	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37400	No
181	GOM_NL__2PRFIN20090425_210323_000000492078_00272_37400_0256.N1	25-APR-2009 21:03:23	Bright	49.000	83		2.3780	11000.	98	37400	No
182	GOM_NL__2PRFIN20090425_210617_000000442078_00272_37400_0257.N1	25-APR-2009 21:06:17	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37400	No
183	GOM_NL__2PRFIN20090425_211600_000000422078_00272_37400_0258.N1	25-APR-2009 21:16:00	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37400	No
184	GOM_NL__2PRFIN20090425_212552_000000412078_00272_37400_0259.N1	25-APR-2009 21:25:52	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37400	No
185	GOM_NL__2PRFIN20090425_213107_000000452078_00272_37400_0260.N1	25-APR-2009 21:31:07	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	37400	No
186	GOM_NL__2PRFIN20090425_214442_000000622078_00272_37400_0261.N1	25-APR-2009 21:44:42	Dark	61.500	61	8Eps Peg	2.1000	3900.0	123	37400	No
187	GOM_NL__2PRFIN20090425_214710_000000502078_00272_37400_0262.N1	25-APR-2009 21:47:10	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37400	No
188	GOM_NL__2PRFIN20090425_215026_000000572078_00272_37400_0263.N1	25-APR-2009 21:50:26	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	37400	No
189	GOM_NL__2PRFIN20090425_221340_000000502078_00273_37401_0265.N1	25-APR-2009 22:13:40	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37401	No
190	GOM_NL__2PRFIN20090425_221518_000000622078_00273_37401_0266.N1	25-APR-2009 22:15:18	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	37401	No
191	GOM_NL__2PRFIN20090425_221843_000000642078_00273_37401_0267.N1	25-APR-2009 22:18:43	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37401	No
192	GOM_NL__2PRFIN20090425_222351_000000552078_00273_37401_0268.N1	25-APR-2009 22:23:51	Tw_i_and_stray	54.500	158	6Pi Sco	2.9060	28000.	109	37401	No
193	GOM_NL__2PRFIN20090425_222842_000000482078_00273_37401_0269.N1	25-APR-2009 22:28:42	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	37401	No
194	GOM_NL__2PRFIN20090425_223114_000000392078_00273_37401_0270.N1	25-APR-2009 22:31:14	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	37401	No
195	GOM_NL__2PRFIN20090425_223948_000000402078_00273_37401_0271.N1	25-APR-2009 22:39:48	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37401	No
196	GOM_NL__2PRFIN20090425_224358_000000492078_00273_37401_0272.N1	25-APR-2009 22:43:58	Bright	48.500	83		2.3780	11000.	97	37401	No
197	GOM_NL__2PRFIN20090425_224653_000000412078_00273_37401_0273.N1	25-APR-2009 22:46:53	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37401	No
198	GOM_NL__2PRFIN20090425_225635_000000422078_00273_37401_0274.N1	25-APR-2009 22:56:35	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37401	No
199	GOM_NL__2PRFIN20090425_230628_000000402078_00273_37401_0275.N1	25-APR-2009 23:06:28	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37401	No
200	GOM_NL__2PRFIN20090425_231143_000000452078_00273_37401_0276.N1	25-APR-2009 23:11:43	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	37401	No
201	GOM_NL__2PRFIN20090425_232519_000000572078_00273_37401_0277.N1	25-APR-2009 23:25:19	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	37401	No
202	GOM_NL__2PRFIN20090425_232746_000000492078_00273_37401_0278.N1	25-APR-2009 23:27:46	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37401	No
203	GOM_NL__2PRFIN20090425_233103_000000552078_00273_37401_0279.N1	25-APR-2009 23:31:03	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	37401	No
204	GOM_NL__2PRFIN20090425_235417_000000562078_00274_37402_0281.N1	25-APR-2009 23:54:17	Straylight	55.500	40	The Sco	1.8590	7100.0	111	37402	No
205	GOM_NL__2PRFIN20090425_235555_000000612078_00274_37402_0282.N1	25-APR-2009 23:55:55	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	37402	No
206	GOM_NL__2PRFIN20090425_235920_000000652078_00274_37402_0283.N1	25-APR-2009 23:59:20	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	37402	No

### 3. Quality information per product

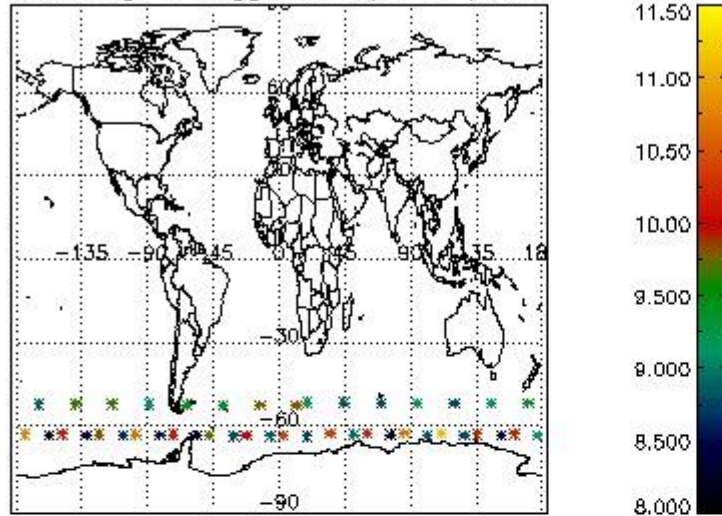
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

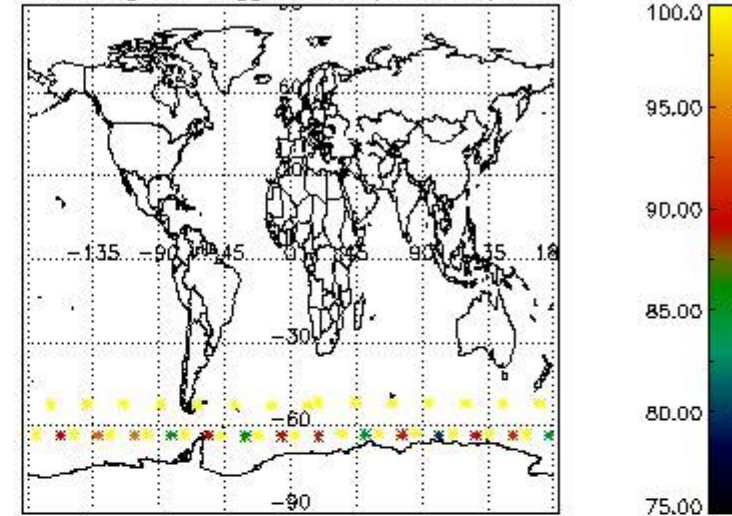


*3.2 Plot quality information per product (world map)*

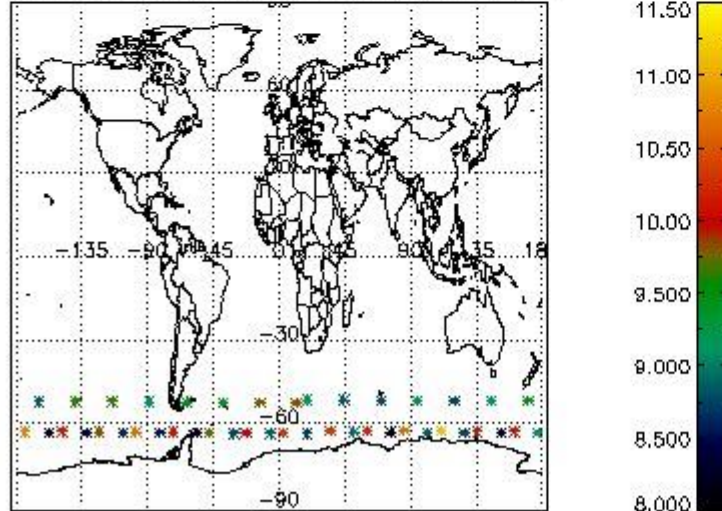
Percentage of flagged data per O3 profile



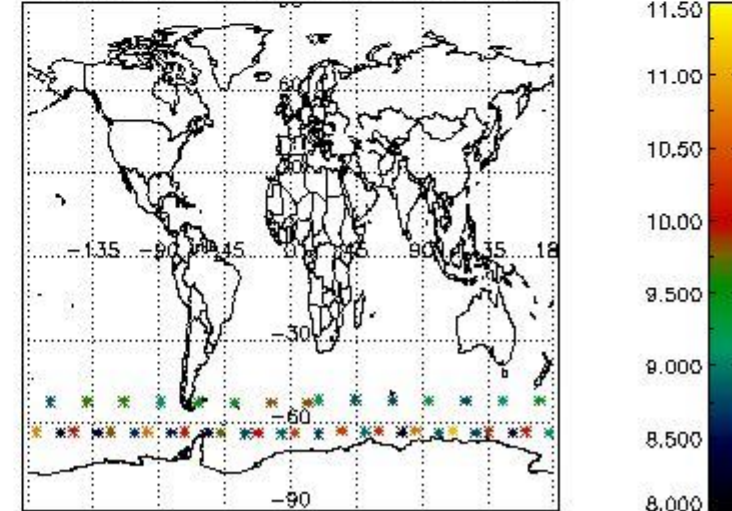
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

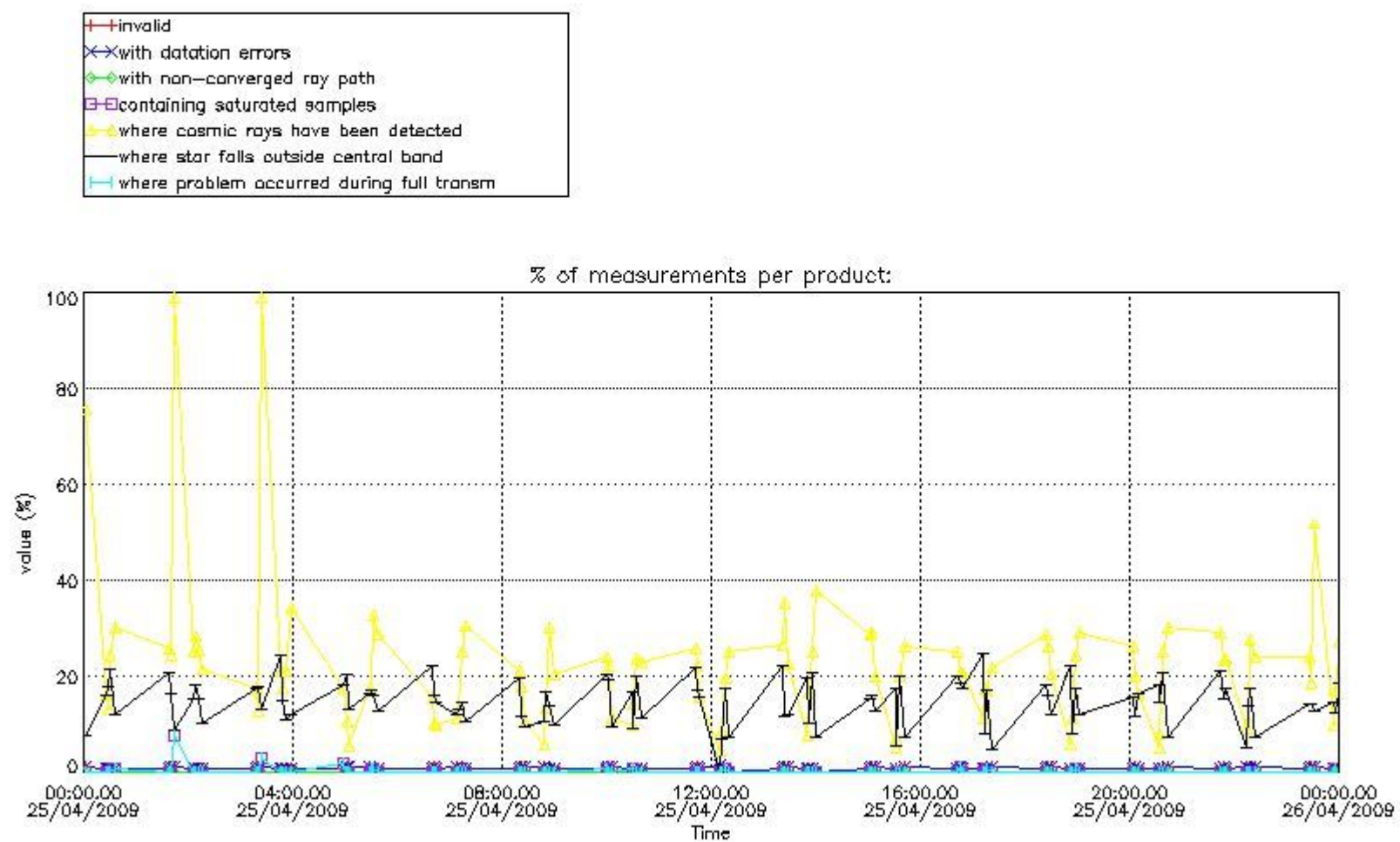


#### 4. Level 1 quality information per product

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.

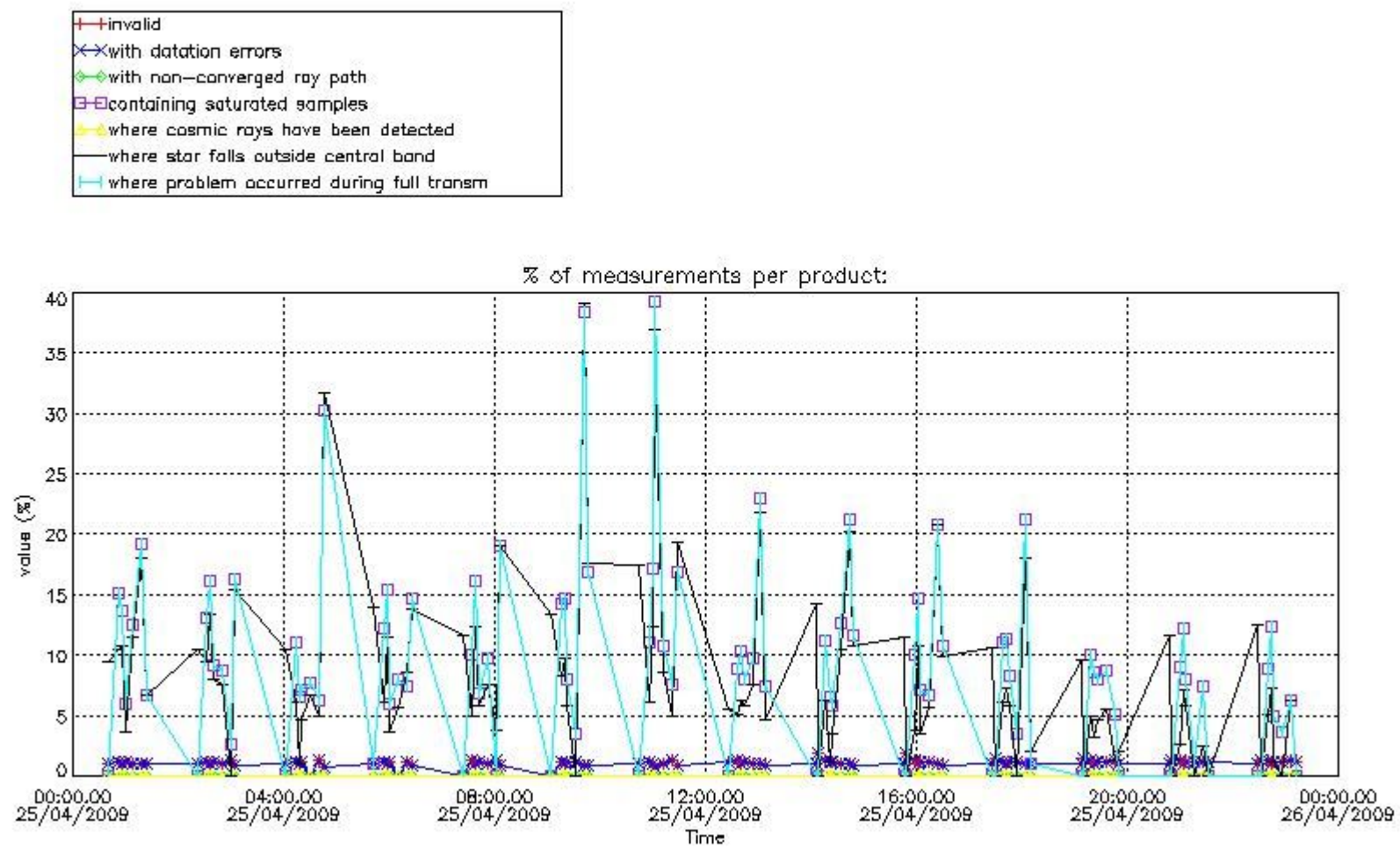
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

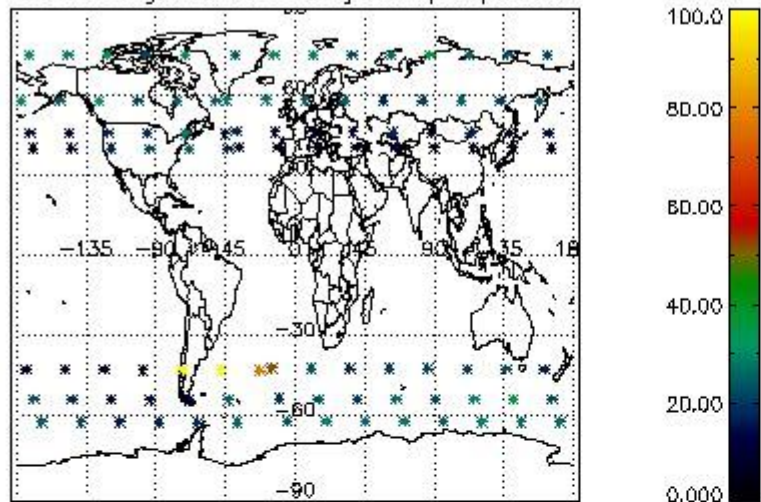




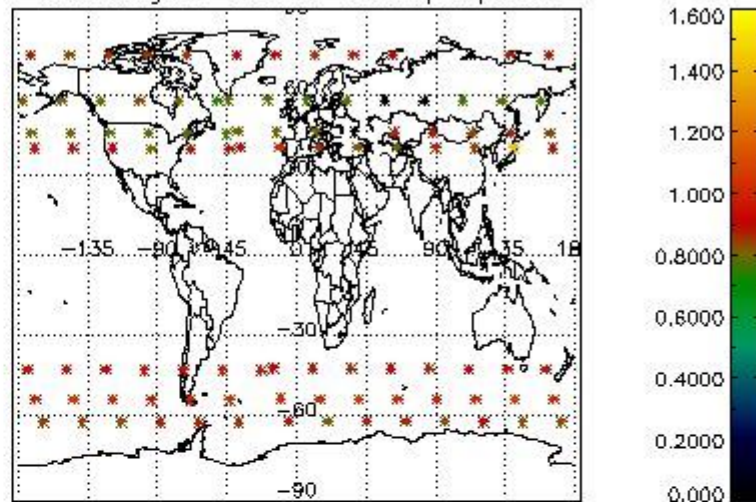
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

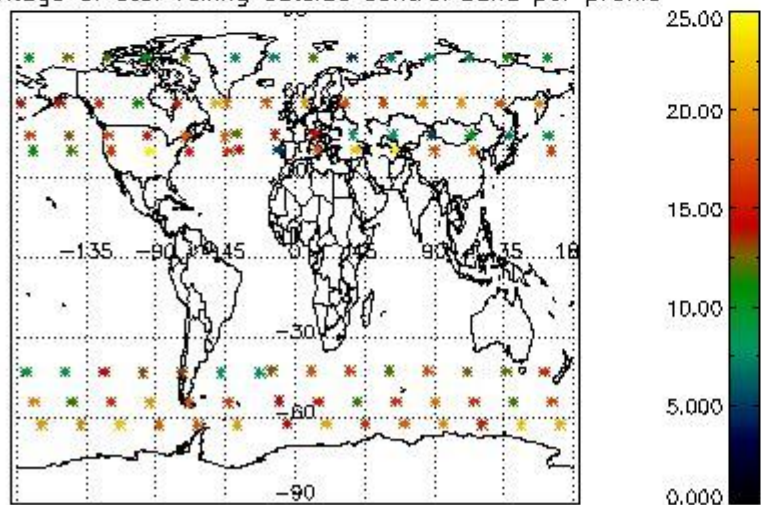
Percentage of cosmic ray hits per profile



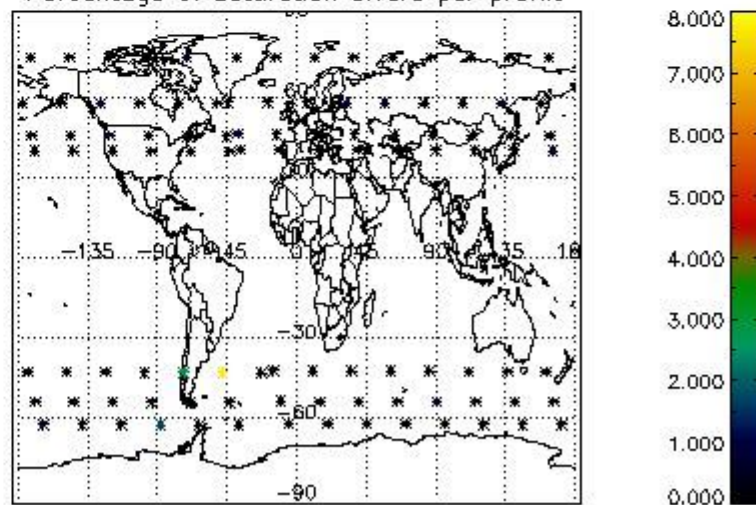
Percentage of datation errors per profile



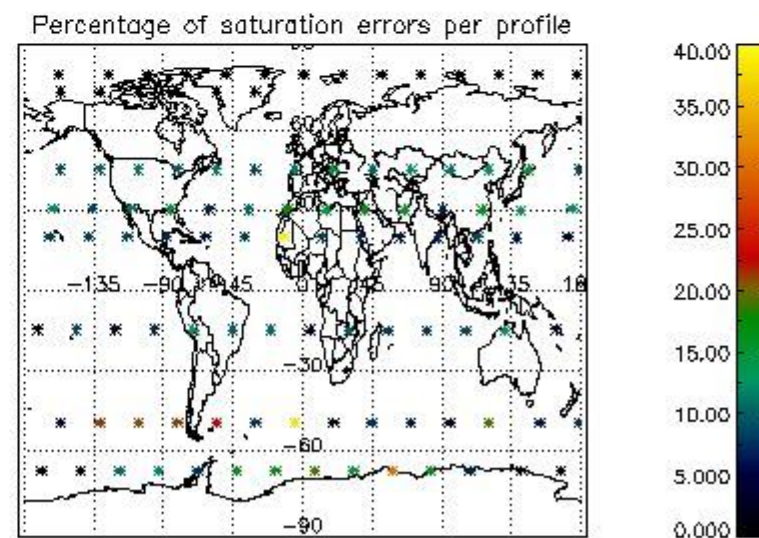
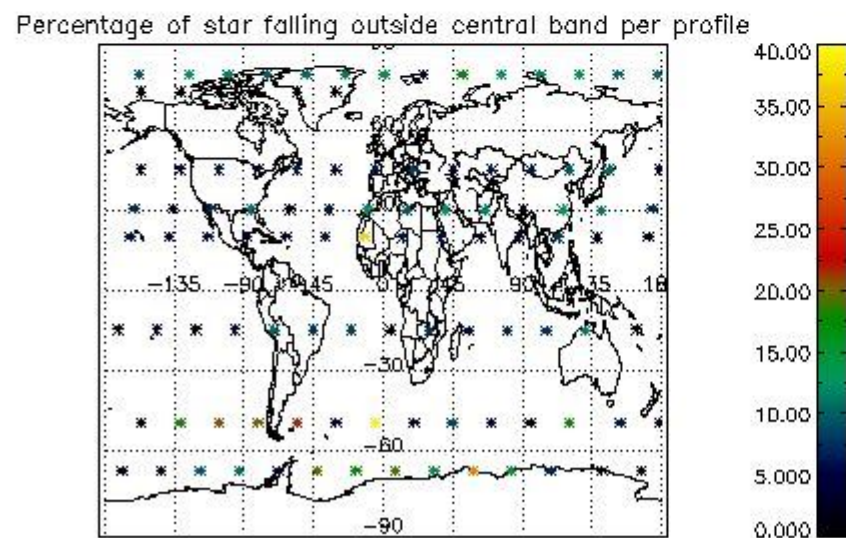
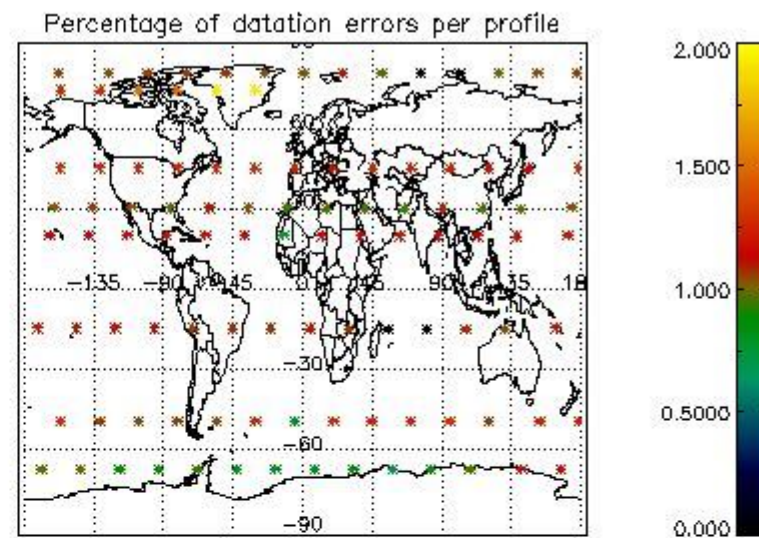
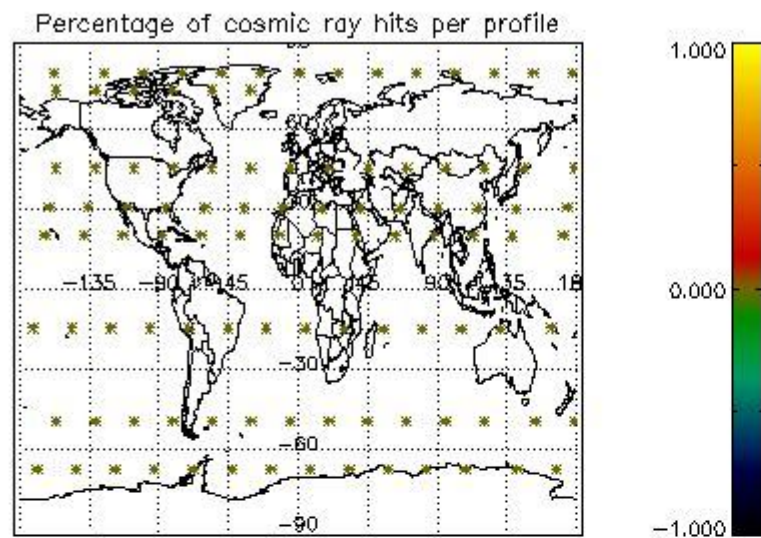
Percentage of star falling outside central band per profile



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

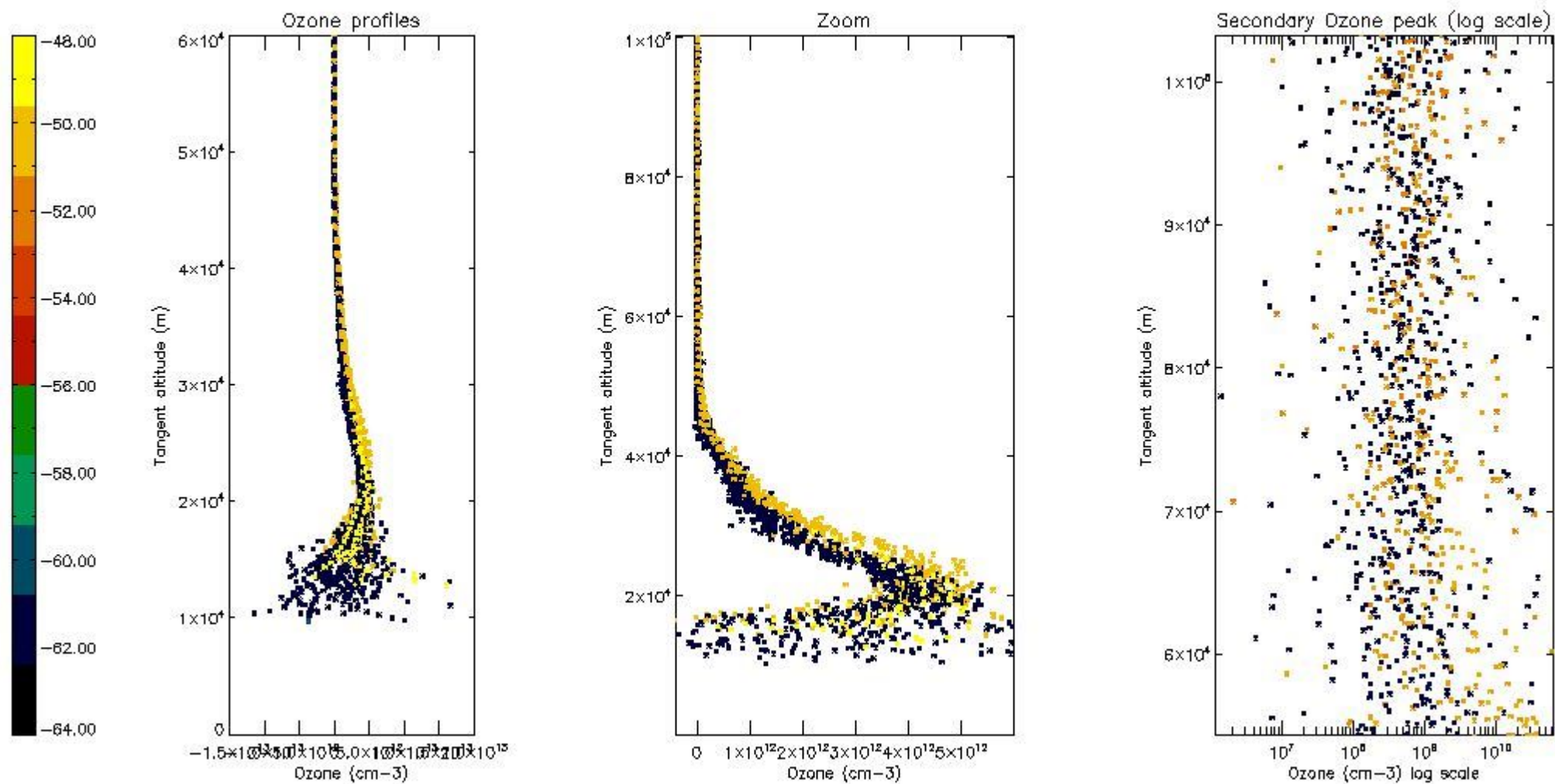
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23.000
STD < 20	5.0000

STD < 10	1.0000
STD < 5	NaN

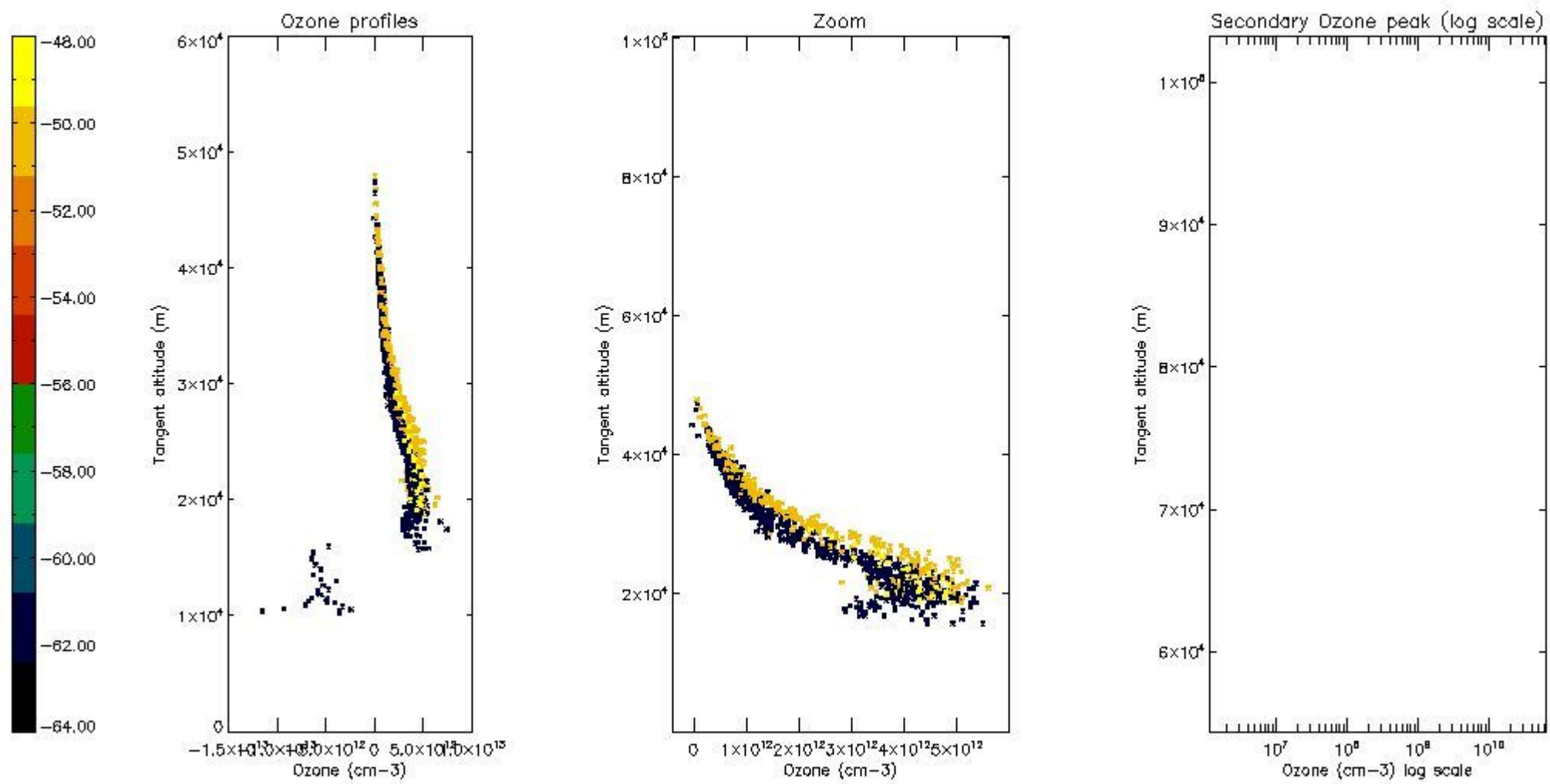
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



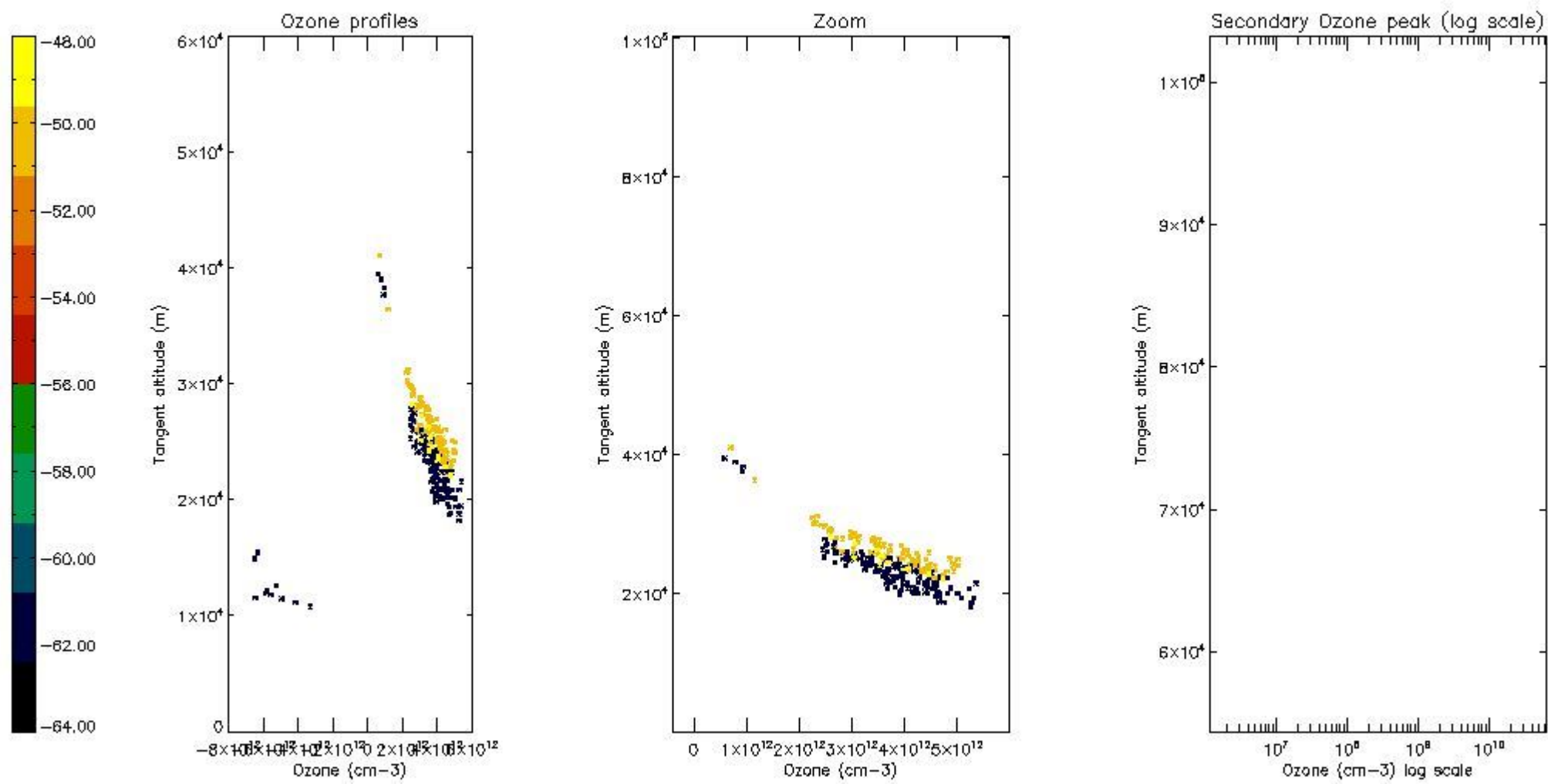
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.

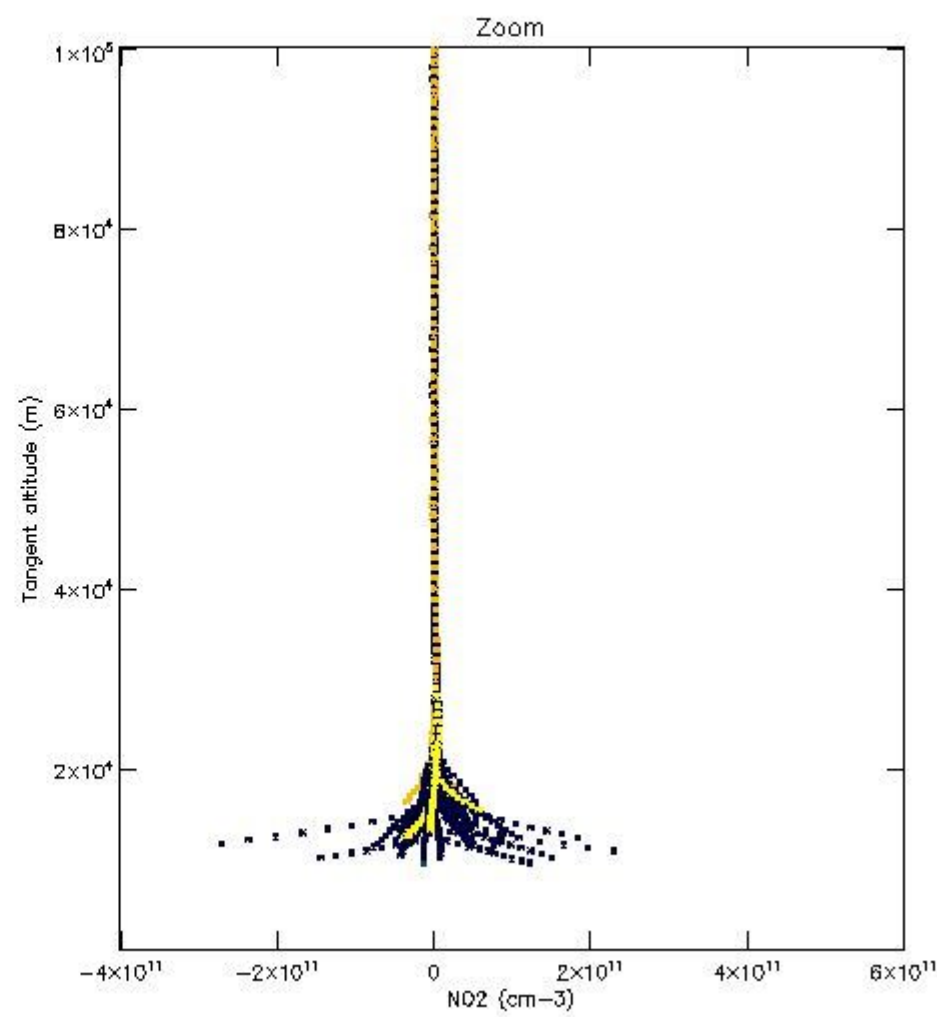
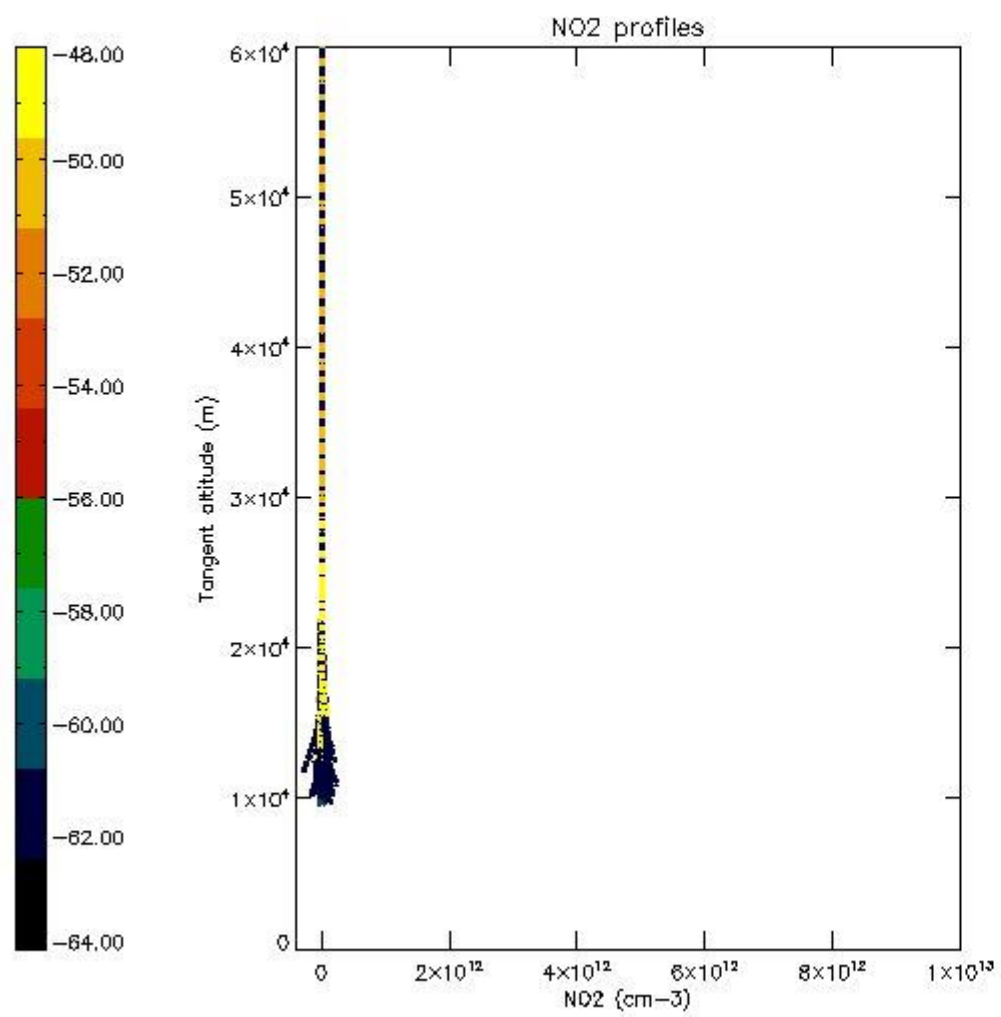


*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.

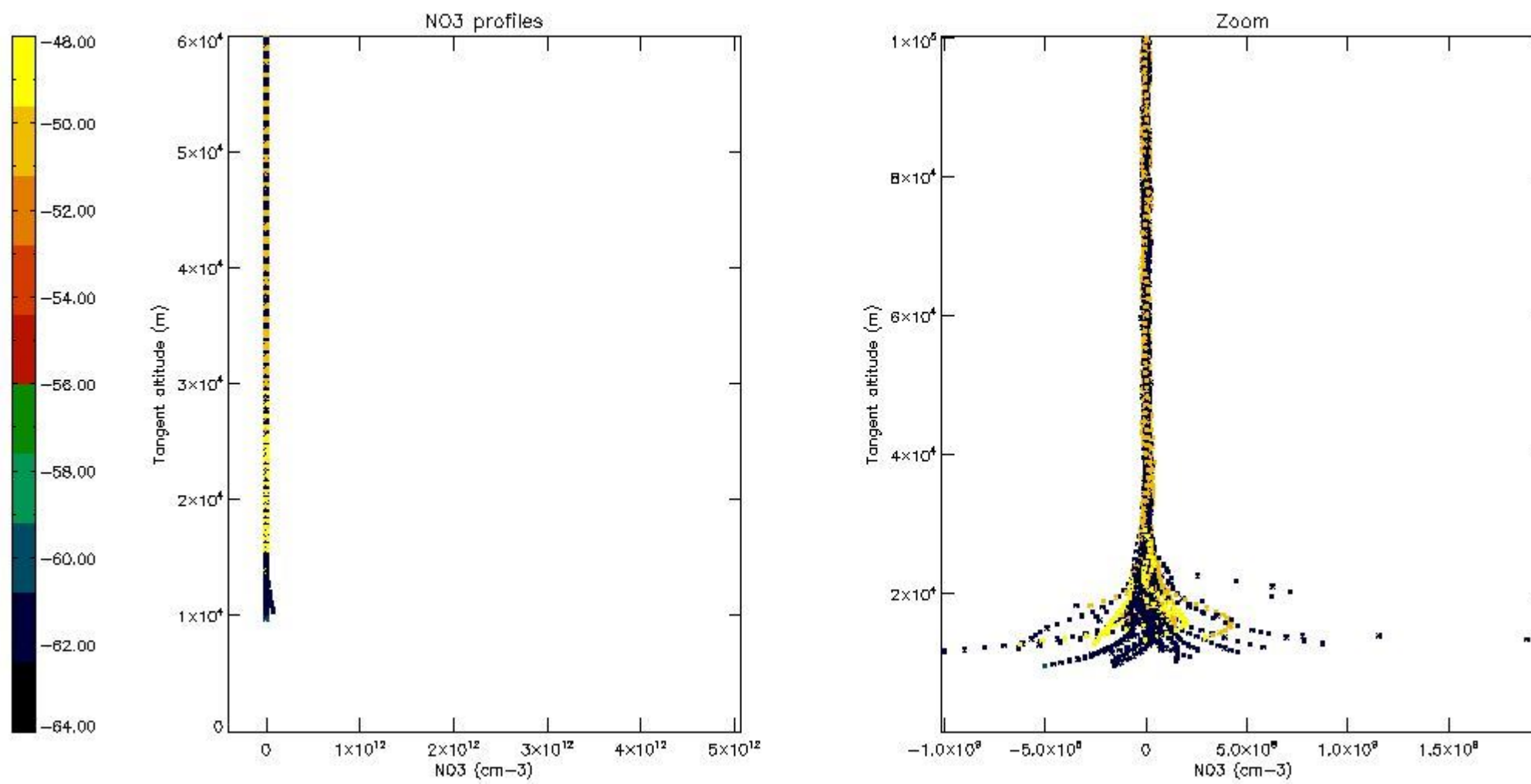
*5.6 Plot NO2 profiles for all STD (dark without errors)*

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	25-APR-2009 00:02:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-APR-2009 00:02:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-APR-2009 00:02:26



# GOMOS Level 2 Daily Report

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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	26APR2013 09:02:36
Data source version	GOMOS/6.01
Start time of products	25-04-2009 (25APR2009 00:00:00)
Stop time of products	26-04-2009 (26APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	206
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__2PRFIN20090425_000226_000000522078_00259_37387_0027.N1	25-APR-2009 00:02:26	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	37387	No
2	GOM_NL__2PRFIN20090425_002540_000000562078_00260_37388_0051.N1	25-APR-2009 00:25:40	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37388	No
3	GOM_NL__2PRFIN20090425_002717_000000652078_00260_37388_0052.N1	25-APR-2009 00:27:17	Straylight	65.000	25	35Lam Sco	1.6200	28000.	130	37388	No
4	GOM_NL__2PRFIN20090425_003045_000000682078_00260_37388_0053.N1	25-APR-2009 00:30:45	Straylight	67.500	75	26Eps Sco	2.2910	4250.0	135	37388	No
5	GOM_NL__2PRFIN20090425_003558_000000582078_00260_37388_0054.N1	25-APR-2009 00:35:58	Twilight_stray	58.000	158	6Pi Sco	2.9060	28000.	116	37388	No
6	GOM_NL__2PRFIN20090425_004054_000000482078_00260_37388_0055.N1	25-APR-2009 00:40:54	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37388	No
7	GOM_NL__2PRFIN20090425_005204_000000432078_00260_37388_0056.N1	25-APR-2009 00:52:04	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	37388	No
8	GOM_NL__2PRFIN20090425_005620_000000512078_00260_37388_0057.N1	25-APR-2009 00:56:20	Bright	51.000	83		2.3780	11000.	102	37388	No
9	GOM_NL__2PRFIN20090425_005913_000000422078_00260_37388_0058.N1	25-APR-2009 00:59:13	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37388	No
10	GOM_NL__2PRFIN20090425_010857_000000482078_00260_37388_0059.N1	25-APR-2009 01:08:57	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	37388	No
11	GOM_NL__2PRFIN20090425_011843_000000472078_00260_37388_0060.N1	25-APR-2009 01:18:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37388	No
12	GOM_NL__2PRFIN20090425_012359_000000532078_00260_37388_0061.N1	25-APR-2009 01:23:59	Bright	52.500	19	50Alp Cyg	1.2460	10500.	105	37388	No
13	GOM_NL__2PRFIN20090425_013723_000000582078_00260_37388_0062.N1	25-APR-2009 01:37:23	Dark	58.000	61	8Eps Peg	2.1000	3900.0	116	37388	No
14	GOM_NL__2PRFIN20090425_013951_000000492078_00260_37388_0063.N1	25-APR-2009 01:39:51	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37388	No
15	GOM_NL__2PRFIN20090425_014303_000000522078_00260_37388_0064.N1	25-APR-2009 01:43:03	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	37388	No
16	GOM_NL__2PRFIN20090425_020617_000000562078_00261_37389_0066.N1	25-APR-2009 02:06:17	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37389	No
17	GOM_NL__2PRFIN20090425_020754_000000642078_00261_37389_0067.N1	25-APR-2009 02:07:54	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37389	No
18	GOM_NL__2PRFIN20090425_021122_000000632078_00261_37389_0068.N1	25-APR-2009 02:11:22	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	37389	No
19	GOM_NL__2PRFIN20090425_021634_000000592078_00261_37389_0069.N1	25-APR-2009 02:16:34	Twilight_stray	58.500	158	6Pi Sco	2.9060	28000.	117	37389	No
20	GOM_NL__2PRFIN20090425_022130_000000482078_00261_37389_0070.N1	25-APR-2009 02:21:30	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37389	No
21	GOM_NL__2PRFIN20090425_023240_000000422078_00261_37389_0071.N1	25-APR-2009 02:32:40	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37389	No
22	GOM_NL__2PRFIN20090425_023655_000000532078_00261_37389_0072.N1	25-APR-2009 02:36:55	Bright	52.500	83		2.3780	11000.	105	37389	No
23	GOM_NL__2PRFIN20090425_023949_000000442078_00261_37389_0073.N1	25-APR-2009 02:39:49	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	37389	No
24	GOM_NL__2PRFIN20090425_024932_000000462078_00261_37389_0074.N1	25-APR-2009 02:49:32	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37389	No
25	GOM_NL__2PRFIN20090425_025919_000000392078_00261_37389_0075.N1	25-APR-2009 02:59:19	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	37389	No
26	GOM_NL__2PRFIN20090425_030435_000000592078_00261_37389_0076.N1	25-APR-2009 03:04:35	Bright	58.500	19	50Alp Cyg	1.2460	10500.	117	37389	No
27	GOM_NL__2PRFIN20090425_031800_000000572078_00261_37389_0077.N1	25-APR-2009 03:18:00	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	37389	No
28	GOM_NL__2PRFIN20090425_032027_000000512078_00261_37389_0078.N1	25-APR-2009 03:20:27	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37389	No
29	GOM_NL__2PRFIN20090425_032340_000000542078_00261_37389_0079.N1	25-APR-2009 03:23:40	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	37389	No
30	GOM_NL__2PRFIN20090425_034655_000000622078_00262_37390_0081.N1	25-APR-2009 03:46:55	Straylight	62.000	40	The Sco	1.8590	7100.0	124	37390	No
31	GOM_NL__2PRFIN20090425_034831_000000642078_00262_37390_0082.N1	25-APR-2009 03:48:31	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37390	No
32	GOM_NL__2PRFIN20090425_035159_000000592078_00262_37390_0083.N1	25-APR-2009 03:51:59	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37390	No
33	GOM_NL__2PRFIN20090425_035711_000000592078_00262_37390_0084.N1	25-APR-2009 03:57:11	Twilight_stray	58.500	158	6Pi Sco	2.9060	28000.	117	37390	No
34	GOM_NL__2PRFIN20090425_040206_000000482078_00262_37390_0085.N1	25-APR-2009 04:02:06	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	37390	No
35	GOM_NL__2PRFIN20090425_041316_000000412078_00262_37390_0086.N1	25-APR-2009 04:13:16	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37390	No
36	GOM_NL__2PRFIN20090425_041731_000000462078_00262_37390_0087.N1	25-APR-2009 04:17:31	Bright	46.000	83		2.3780	11000.	92	37390	No
37	GOM_NL__2PRFIN20090425_042024_000000432078_00262_37390_0088.N1	25-APR-2009 04:20:24	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37390	No
38	GOM_NL__2PRFIN20090425_043008_000000452078_00262_37390_0089.N1	25-APR-2009 04:30:08	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37390	No
39	GOM_NL__2PRFIN20090425_043955_000000402078_00262_37390_0090.N1	25-APR-2009 04:39:55	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37390	No
40	GOM_NL__2PRFIN20090425_044510_000000712078_00262_37390_0091.N1	25-APR-2009 04:45:10	Bright	71.000	19	50Alp Cyg	1.2460	10500.	142	37390	No
41	GOM_NL__2PRFIN20090425_045836_000000582078_00262_37390_0092.N1	25-APR-2009 04:58:36	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	37390	No
42	GOM_NL__2PRFIN20090425_050104_000000522078_00262_37390_0093.N1	25-APR-2009 05:01:04	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	37390	No

43	GOM_NL__2PRFIN20090425_050417_000000542078_00262_37390_0094.N1	25-APR-2009 05:04:17	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	37390	No
44	GOM_NL__2PRFIN20090425_052732_000000552078_00263_37391_0095.N1	25-APR-2009 05:27:32	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37391	No
45	GOM_NL__2PRFIN20090425_052908_000000652078_00263_37391_0096.N1	25-APR-2009 05:29:08	Straylight	64.500	25	35Lam Sco	1.6200	28000.	129	37391	No
46	GOM_NL__2PRFIN20090425_053236_000000632078_00263_37391_0097.N1	25-APR-2009 05:32:36	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	37391	No
47	GOM_NL__2PRFIN20090425_053747_000000602078_00263_37391_0098.N1	25-APR-2009 05:37:47	Tw_i_and_stray	59.500	158	6Pi Sco	2.9060	28000.	119	37391	No
48	GOM_NL__2PRFIN20090425_054242_000000502078_00263_37391_0099.N1	25-APR-2009 05:42:42	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	37391	No
49	GOM_NL__2PRFIN20090425_055352_000000412078_00263_37391_0100.N1	25-APR-2009 05:53:52	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	37391	No
50	GOM_NL__2PRFIN20090425_055806_000000522078_00263_37391_0101.N1	25-APR-2009 05:58:06	Bright	52.000	83		2.3780	11000.	104	37391	No
51	GOM_NL__2PRFIN20090425_060059_000000422078_00263_37391_0102.N1	25-APR-2009 06:00:59	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37391	No
52	GOM_NL__2PRFIN20090425_061043_000000442078_00263_37391_0103.N1	25-APR-2009 06:10:43	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37391	No
53	GOM_NL__2PRFIN20090425_062031_000000412078_00263_37391_0104.N1	25-APR-2009 06:20:31	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37391	No
54	GOM_NL__2PRFIN20090425_062546_000000582078_00263_37391_0105.N1	25-APR-2009 06:25:46	Bright	58.000	19	50Alp Cyg	1.2460	10500.	116	37391	No
55	GOM_NL__2PRFIN20090425_063913_000000612078_00263_37391_0106.N1	25-APR-2009 06:39:13	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	37391	No
56	GOM_NL__2PRFIN20090425_064141_000000502078_00263_37391_0107.N1	25-APR-2009 06:41:41	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37391	No
57	GOM_NL__2PRFIN20090425_064454_000000562078_00263_37391_0108.N1	25-APR-2009 06:44:54	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	37391	No
58	GOM_NL__2PRFIN20090425_070808_000000542078_00264_37392_0109.N1	25-APR-2009 07:08:08	Straylight	54.000	40	The Sco	1.8590	7100.0	108	37392	No
59	GOM_NL__2PRFIN20090425_070945_000000622078_00264_37392_0110.N1	25-APR-2009 07:09:45	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	37392	No
60	GOM_NL__2PRFIN20090425_071313_000000622078_00264_37392_0111.N1	25-APR-2009 07:13:13	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	37392	No
61	GOM_NL__2PRFIN20090425_071824_000000572078_00264_37392_0112.N1	25-APR-2009 07:18:24	Tw_i_and_stray	57.000	158	6Pi Sco	2.9060	28000.	114	37392	No
62	GOM_NL__2PRFIN20090425_072318_000000482078_00264_37392_0113.N1	25-APR-2009 07:23:18	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37392	No
63	GOM_NL__2PRFIN20090425_073427_000000402078_00264_37392_0114.N1	25-APR-2009 07:34:27	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37392	No
64	GOM_NL__2PRFIN20090425_073841_000000532078_00264_37392_0115.N1	25-APR-2009 07:38:41	Bright	52.500	83		2.3780	11000.	105	37392	No
65	GOM_NL__2PRFIN20090425_074135_000000442078_00264_37392_0116.N1	25-APR-2009 07:41:35	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37392	No
66	GOM_NL__2PRFIN20090425_075118_000000472078_00264_37392_0117.N1	25-APR-2009 07:51:18	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37392	No
67	GOM_NL__2PRFIN20090425_080106_000000402078_00264_37392_0118.N1	25-APR-2009 08:01:06	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	37392	No
68	GOM_NL__2PRFIN20090425_080622_000000612078_00264_37392_0119.N1	25-APR-2009 08:06:22	Bright	60.500	19	50Alp Cyg	1.2460	10500.	121	37392	No
69	GOM_NL__2PRFIN20090425_081950_000000592078_00264_37392_0120.N1	25-APR-2009 08:19:50	Dark	59.000	61	8Eps Peg	2.1000	3900.0	118	37392	No
70	GOM_NL__2PRFIN20090425_082217_000000482078_00264_37392_0121.N1	25-APR-2009 08:22:17	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	37392	No
71	GOM_NL__2PRFIN20090425_082531_000000532078_00264_37392_0122.N1	25-APR-2009 08:25:31	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	37392	No
72	GOM_NL__2PRFIN20090425_084845_000000522078_00265_37393_0123.N1	25-APR-2009 08:48:45	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37393	No
73	GOM_NL__2PRFIN20090425_085022_000000632078_00265_37393_0124.N1	25-APR-2009 08:50:22	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	37393	No
74	GOM_NL__2PRFIN20090425_085349_000000612078_00265_37393_0125.N1	25-APR-2009 08:53:49	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	37393	No
75	GOM_NL__2PRFIN20090425_085900_000000562078_00265_37393_0126.N1	25-APR-2009 08:59:00	Tw_i_and_stray	56.000	158	6Pi Sco	2.9060	28000.	112	37393	No
76	GOM_NL__2PRFIN20090425_090354_000000492078_00265_37393_0127.N1	25-APR-2009 09:03:54	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	37393	No
77	GOM_NL__2PRFIN20090425_091503_000000422078_00265_37393_0128.N1	25-APR-2009 09:15:03	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	37393	No
78	GOM_NL__2PRFIN20090425_091916_000000512078_00265_37393_0129.N1	25-APR-2009 09:19:16	Bright	51.000	83		2.3780	11000.	102	37393	No
79	GOM_NL__2PRFIN20090425_092210_000000442078_00265_37393_0130.N1	25-APR-2009 09:22:10	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37393	No
80	GOM_NL__2PRFIN20090425_093153_000000432078_00265_37393_0131.N1	25-APR-2009 09:31:53	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37393	No
81	GOM_NL__2PRFIN20090425_094142_000000602078_00265_37393_0132.N1	25-APR-2009 09:41:42	Bright	60.000	89	5Alp Cep	2.4510	8000.0	120	37393	No
82	GOM_NL__2PRFIN20090425_094657_000000602078_00265_37393_0133.N1	25-APR-2009 09:46:57	Bright	59.500	19	50Alp Cyg	1.2460	10500.	119	37393	No
83	GOM_NL__2PRFIN20090425_100026_000000592078_00265_37393_0134.N1	25-APR-2009 10:00:26	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	37393	No
84	GOM_NL__2PRFIN20090425_100254_000000522078_00265_37393_0135.N1	25-APR-2009 10:02:54	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	37393	No
85	GOM_NL__2PRFIN20090425_100607_000000532078_00265_37393_0136.N1	25-APR-2009 10:06:07	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	37393	No
86	GOM_NL__2PRFIN20090425_102922_000000572078_00266_37394_0137.N1	25-APR-2009 10:29:22	Straylight	57.000	40	The Sco	1.8590	7100.0	114	37394	No
87	GOM_NL__2PRFIN20090425_103059_000000602078_00266_37394_0138.N1	25-APR-2009 10:30:59	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37394	No
88	GOM_NL__2PRFIN20090425_103426_000000662078_00266_37394_0139.N1	25-APR-2009 10:34:26	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	37394	No
89	GOM_NL__2PRFIN20090425_103936_000000572078_00266_37394_0140.N1	25-APR-2009 10:39:36	Tw_i_and_stray	57.000	158	6Pi Sco	2.9060	28000.	114	37394	No
90	GOM_NL__2PRFIN20090425_104430_000000522078_00266_37394_0141.N1	25-APR-2009 10:44:30	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	37394	No
91	GOM_NL__2PRFIN20090425_105539_000000412078_00266_37394_0142.N1	25-APR-2009 10:55:39	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37394	No
92	GOM_NL__2PRFIN20090425_105951_000000532078_00266_37394_0143.N1	25-APR-2009 10:59:51	Bright	52.500	83		2.3780	11000.	105	37394	No
93	GOM_NL__2PRFIN20090425_110245_000000652078_00266_37394_0144.N1	25-APR-2009 11:02:45	Bright	65.000	180	27Gam Boo	3.0400	8000.0	130	37394	No
94	GOM_NL__2PRFIN20090425_111229_000000472078_00266_37394_0145.N1	25-APR-2009 11:12:29	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37394	No
95	GOM_NL__2PRFIN20090425_112218_000000402078_00266_37394_0146.N1	25-APR-2009 11:22:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37394	No
96	GOM_NL__2PRFIN20090425_112733_000000602078_00266_37394_0147.N1	25-APR-2009 11:27:33	Bright	59.500	19	50Alp Cyg	1.2460	10500.	119	37394	No
97	GOM_NL__2PRFIN20090425_114103_000000602078_00266_37394_0148.N1	25-APR-2009 11:41:03	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	37394	No
98	GOM_NL__2PRFIN20090425_114330_000000502078_00266_37394_0149.N1	25-APR-2009 11:43:30	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37394	No
99	GOM_NL__2PRFIN20090425_114644_000000572078_00266_37394_0150.N1	25-APR-2009 11:46:44	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	37394	No
100	GOM_NL__2PRFIN20090425_120959_000000352078_00267_37395_0151.N1	25-APR-2009 12:09:59	Straylight	34.500	40	The Sco	1.8590	7100.0	69	37395	No
101	GOM_NL__2PRFIN20090425_121136_000000572078_00267_37395_0152.N1	25-APR-2009 12:11:36	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37395	No

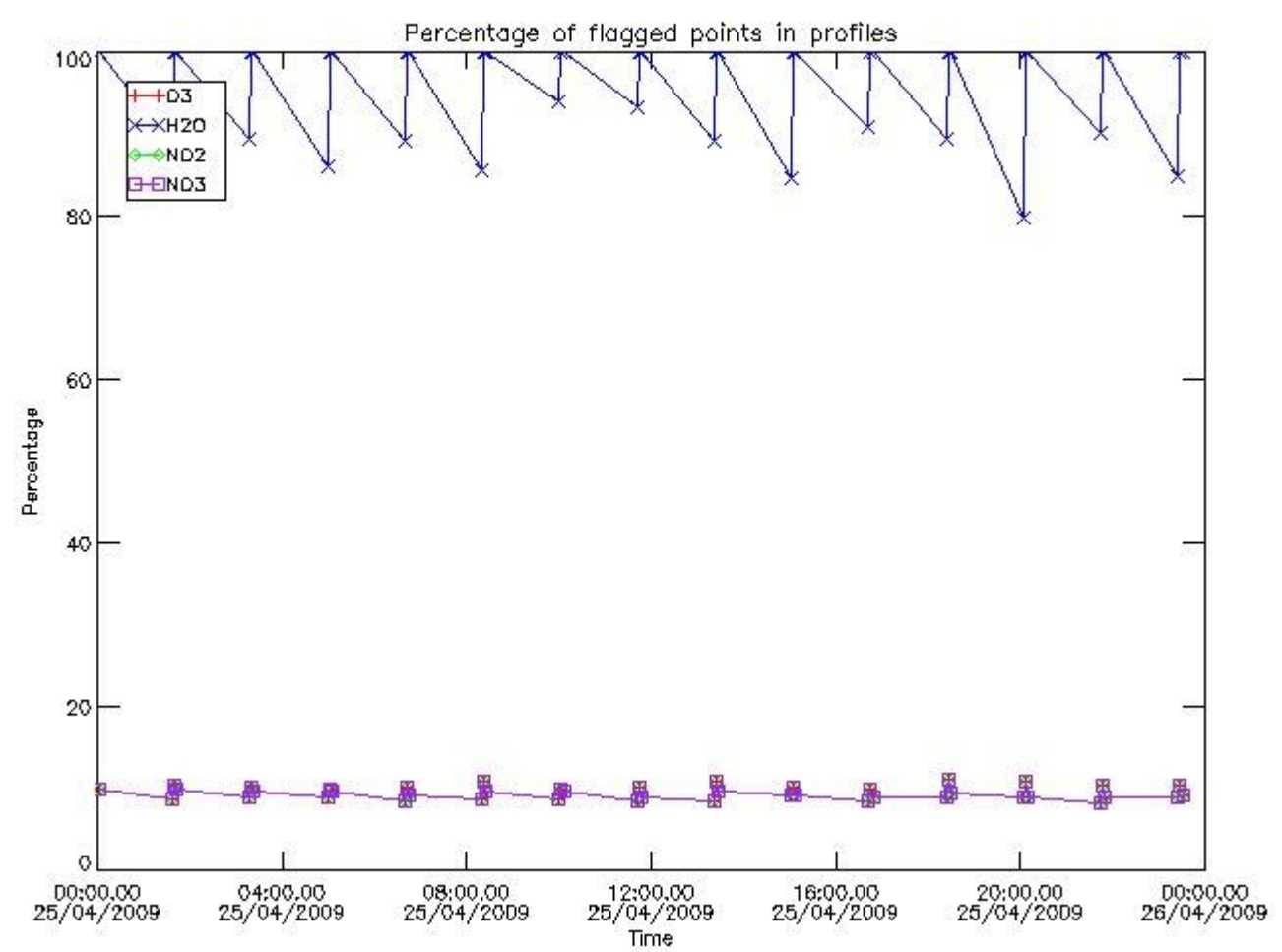
102	GOM_NL__2PRFIN20090425_121503_000000642078_00267_37395_0153.N1	25-APR-2009 12:15:03	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37395	No
103	GOM_NL__2PRFIN20090425_122013_000000542078_00267_37395_0154.N1	25-APR-2009 12:20:13	Tw_i_and_stray	54.000	158	6Pi Sco	2.9060	28000.	108	37395	No
104	GOM_NL__2PRFIN20090425_122506_000000452078_00267_37395_0155.N1	25-APR-2009 12:25:06	Bright	45.000	122	9Alp2Lib	2.7470	9700.0	90	37395	No
105	GOM_NL__2PRFIN20090425_123614_000000402078_00267_37395_0156.N1	25-APR-2009 12:36:14	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37395	No
106	GOM_NL__2PRFIN20090425_124027_000000492078_00267_37395_0157.N1	25-APR-2009 12:40:27	Bright	48.500	83		2.3780	11000.	97	37395	No
107	GOM_NL__2PRFIN20090425_124320_000000442078_00267_37395_0158.N1	25-APR-2009 12:43:20	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37395	No
108	GOM_NL__2PRFIN20090425_125304_000000462078_00267_37395_0159.N1	25-APR-2009 12:53:04	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37395	No
109	GOM_NL__2PRFIN20090425_130253_000000482078_00267_37395_0160.N1	25-APR-2009 13:02:53	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	37395	No
110	GOM_NL__2PRFIN20090425_130809_000000542078_00267_37395_0161.N1	25-APR-2009 13:08:09	Bright	53.500	19	50Alp Cyg	1.2460	10500.	107	37395	No
111	GOM_NL__2PRFIN20090425_132139_000000612078_00267_37395_0162.N1	25-APR-2009 13:21:39	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	37395	No
112	GOM_NL__2PRFIN20090425_132407_000000472078_00267_37395_0163.N1	25-APR-2009 13:24:07	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	37395	No
113	GOM_NL__2PRFIN20090425_132721_000000542078_00267_37395_0164.N1	25-APR-2009 13:27:21	Dark	53.500	154	22Bet Aqr	2.8990	5700.0	107	37395	No
114	GOM_NL__2PRFIN20090425_135036_000000592078_00268_37396_0165.N1	25-APR-2009 13:50:36	Straylight	58.500	40	The Sco	1.8590	7100.0	117	37396	No
115	GOM_NL__2PRFIN20090425_135213_000000602078_00268_37396_0166.N1	25-APR-2009 13:52:13	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37396	No
116	GOM_NL__2PRFIN20090425_135540_000000662078_00268_37396_0167.N1	25-APR-2009 13:55:40	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	37396	No
117	GOM_NL__2PRFIN20090425_140049_000000542078_00268_37396_0168.N1	25-APR-2009 14:00:49	Tw_i_and_stray	54.000	158	6Pi Sco	2.9060	28000.	108	37396	No
118	GOM_NL__2PRFIN20090425_140542_000000492078_00268_37396_0169.N1	25-APR-2009 14:05:42	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	37396	No
119	GOM_NL__2PRFIN20090425_140815_000000262078_00268_37396_0170.N1	25-APR-2009 14:08:15	Tw_i_and_stray	26.000	104	27Bet Lib	2.6140	13100.	52	37396	No
120	GOM_NL__2PRFIN20090425_141650_000000402078_00268_37396_0171.N1	25-APR-2009 14:16:50	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37396	No
121	GOM_NL__2PRFIN20090425_142102_000000462078_00268_37396_0172.N1	25-APR-2009 14:21:02	Bright	45.500	83		2.3780	11000.	91	37396	No
122	GOM_NL__2PRFIN20090425_142356_000000432078_00268_37396_0173.N1	25-APR-2009 14:23:56	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37396	No
123	GOM_NL__2PRFIN20090425_143339_000000482078_00268_37396_0174.N1	25-APR-2009 14:33:39	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37396	No
124	GOM_NL__2PRFIN20090425_144329_000000472078_00268_37396_0175.N1	25-APR-2009 14:43:29	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37396	No
125	GOM_NL__2PRFIN20090425_144844_000000562078_00268_37396_0176.N1	25-APR-2009 14:48:44	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	37396	No
126	GOM_NL__2PRFIN20090425_150216_000000562078_00268_37396_0177.N1	25-APR-2009 15:02:16	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	37396	No
127	GOM_NL__2PRFIN20090425_150443_000000502078_00268_37396_0178.N1	25-APR-2009 15:04:43	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37396	No
128	GOM_NL__2PRFIN20090425_150758_000000552078_00268_37396_0179.N1	25-APR-2009 15:07:58	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	37396	No
129	GOM_NL__2PRFIN20090425_153112_000000582078_00269_37397_0179.N1	25-APR-2009 15:31:12	Straylight	57.500	40	The Sco	1.8590	7100.0	115	37397	No
130	GOM_NL__2PRFIN20090425_153250_000000572078_00269_37397_0180.N1	25-APR-2009 15:32:50	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	37397	No
131	GOM_NL__2PRFIN20090425_153616_000000652078_00269_37397_0181.N1	25-APR-2009 15:36:16	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	37397	No
132	GOM_NL__2PRFIN20090425_154126_000000552078_00269_37397_0182.N1	25-APR-2009 15:41:26	Tw_i_and_stray	55.000	158	6Pi Sco	2.9060	28000.	110	37397	No
133	GOM_NL__2PRFIN20090425_154618_000000482078_00269_37397_0183.N1	25-APR-2009 15:46:18	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	37397	No
134	GOM_NL__2PRFIN20090425_154851_000000262078_00269_37397_0184.N1	25-APR-2009 15:48:51	Tw_i_and_stray	26.000	104	27Bet Lib	2.6140	13100.	52	37397	No
135	GOM_NL__2PRFIN20090425_155725_000000402078_00269_37397_0185.N1	25-APR-2009 15:57:25	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37397	No
136	GOM_NL__2PRFIN20090425_160137_000000512078_00269_37397_0186.N1	25-APR-2009 16:01:37	Bright	51.000	83		2.3780	11000.	102	37397	No
137	GOM_NL__2PRFIN20090425_160431_000000432078_00269_37397_0187.N1	25-APR-2009 16:04:31	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37397	No
138	GOM_NL__2PRFIN20090425_161415_000000452078_00269_37397_0188.N1	25-APR-2009 16:14:15	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37397	No
139	GOM_NL__2PRFIN20090425_162405_000000482078_00269_37397_0189.N1	25-APR-2009 16:24:05	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	37397	No
140	GOM_NL__2PRFIN20090425_162920_000000562078_00269_37397_0190.N1	25-APR-2009 16:29:20	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	37397	No
141	GOM_NL__2PRFIN20090425_164252_000000602078_00269_37397_0191.N1	25-APR-2009 16:42:52	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	37397	No
142	GOM_NL__2PRFIN20090425_164520_000000512078_00269_37397_0192.N1	25-APR-2009 16:45:20	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	37397	No
143	GOM_NL__2PRFIN20090425_164835_000000582078_00269_37397_0193.N1	25-APR-2009 16:48:35	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	37397	No
144	GOM_NL__2PRFIN20090425_171150_000000632078_00270_37398_0215.N1	25-APR-2009 17:11:50	Straylight	63.000	40	The Sco	1.8590	7100.0	126	37398	No
145	GOM_NL__2PRFIN20090425_171327_000000582078_00270_37398_0216.N1	25-APR-2009 17:13:27	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	37398	No
146	GOM_NL__2PRFIN20090425_171653_000000622078_00270_37398_0217.N1	25-APR-2009 17:16:53	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	37398	No
147	GOM_NL__2PRFIN20090425_172202_000000532078_00270_37398_0218.N1	25-APR-2009 17:22:02	Tw_i_and_stray	52.500	158	6Pi Sco	2.9060	28000.	105	37398	No
148	GOM_NL__2PRFIN20090425_172654_000000472078_00270_37398_0219.N1	25-APR-2009 17:26:54	Bright	47.000	122	9Alp2Lib	2.7470	9700.0	94	37398	No
149	GOM_NL__2PRFIN20090425_172926_000000332078_00270_37398_0220.N1	25-APR-2009 17:29:26	Tw_i_and_stray	33.000	104	27Bet Lib	2.6140	13100.	66	37398	No
150	GOM_NL__2PRFIN20090425_173801_000000412078_00270_37398_0221.N1	25-APR-2009 17:38:01	Bright	40.500	111	8Eta Boo	2.6800	6000.0	81	37398	No
151	GOM_NL__2PRFIN20090425_174213_000000492078_00270_37398_0222.N1	25-APR-2009 17:42:13	Bright	48.500	83		2.3780	11000.	97	37398	No
152	GOM_NL__2PRFIN20090425_174507_000000432078_00270_37398_0223.N1	25-APR-2009 17:45:07	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	37398	No
153	GOM_NL__2PRFIN20090425_175450_000000432078_00270_37398_0224.N1	25-APR-2009 17:54:50	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37398	No
154	GOM_NL__2PRFIN20090425_180440_000000472078_00270_37398_0225.N1	25-APR-2009 18:04:40	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37398	No
155	GOM_NL__2PRFIN20090425_180956_000000502078_00270_37398_0226.N1	25-APR-2009 18:09:56	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	37398	No
156	GOM_NL__2PRFIN20090425_182329_000000582078_00270_37398_0227.N1	25-APR-2009 18:23:29	Dark	57.500	61	8Eps Peg	2.1000	3900.0	115	37398	No
157	GOM_NL__2PRFIN20090425_182557_000000502078_00270_37398_0228.N1	25-APR-2009 18:25:57	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	37398	No
158	GOM_NL__2PRFIN20090425_182912_000000552078_00270_37398_0229.N1	25-APR-2009 18:29:12	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37398	No
159	GOM_NL__2PRFIN20090425_185227_000000612078_00271_37399_0233.N1	25-APR-2009 18:52:27	Straylight	60.500	40	The Sco	1.8590	7100.0	121	37399	No
160	GOM_NL__2PRFIN20090425_185405_000000582078_00271_37399_0234.N1	25-APR-2009 18:54:05	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	37399	No

161	GOM_NL__2PRFIN20090425_185730_000000642078_00271_37399_0235.N1	25-APR-2009 18:57:30	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37399	No
162	GOM_NL__2PRFIN20090425_190238_000000592078_00271_37399_0236.N1	25-APR-2009 19:02:38	Tw_i_and_stray	58.500	158	6Pi Sco	2.9060	28000.	117	37399	No
163	GOM_NL__2PRFIN20090425_190730_000000472078_00271_37399_0237.N1	25-APR-2009 19:07:30	Bright	47.000	122	9Alp2Lib	2.7470	9700.0	94	37399	No
164	GOM_NL__2PRFIN20090425_191002_000000332078_00271_37399_0238.N1	25-APR-2009 19:10:02	Tw_i_and_stray	33.000	104	27Bet Lib	2.6140	13100.	66	37399	No
165	GOM_NL__2PRFIN20090425_191837_000000402078_00271_37399_0239.N1	25-APR-2009 19:18:37	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	37399	No
166	GOM_NL__2PRFIN20090425_192248_000000472078_00271_37399_0240.N1	25-APR-2009 19:22:48	Bright	46.500	83		2.3780	11000.	93	37399	No
167	GOM_NL__2PRFIN20090425_192542_000000442078_00271_37399_0241.N1	25-APR-2009 19:25:42	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37399	No
168	GOM_NL__2PRFIN20090425_193525_000000462078_00271_37399_0242.N1	25-APR-2009 19:35:25	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	37399	No
169	GOM_NL__2PRFIN20090425_194516_000000392078_00271_37399_0243.N1	25-APR-2009 19:45:16	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	37399	No
170	GOM_NL__2PRFIN20090425_195031_000000502078_00271_37399_0244.N1	25-APR-2009 19:50:31	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	37399	No
171	GOM_NL__2PRFIN20090425_200406_000000572078_00271_37399_0245.N1	25-APR-2009 20:04:06	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	37399	No
172	GOM_NL__2PRFIN20090425_200633_000000482078_00271_37399_0246.N1	25-APR-2009 20:06:33	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	37399	No
173	GOM_NL__2PRFIN20090425_200949_000000582078_00271_37399_0247.N1	25-APR-2009 20:09:49	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	37399	No
174	GOM_NL__2PRFIN20090425_203304_000000582078_00272_37400_0249.N1	25-APR-2009 20:33:04	Straylight	58.000	40	The Sco	1.8590	7100.0	116	37400	No
175	GOM_NL__2PRFIN20090425_203441_000000622078_00272_37400_0250.N1	25-APR-2009 20:34:41	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37400	No
176	GOM_NL__2PRFIN20090425_203807_000000662078_00272_37400_0251.N1	25-APR-2009 20:38:07	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	37400	No
177	GOM_NL__2PRFIN20090425_204315_000000552078_00272_37400_0252.N1	25-APR-2009 20:43:15	Tw_i_and_stray	54.500	158	6Pi Sco	2.9060	28000.	109	37400	No
178	GOM_NL__2PRFIN20090425_204806_000000482078_00272_37400_0253.N1	25-APR-2009 20:48:06	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	37400	No
179	GOM_NL__2PRFIN20090425_205038_000000392078_00272_37400_0254.N1	25-APR-2009 20:50:38	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	37400	No
180	GOM_NL__2PRFIN20090425_205913_000000392078_00272_37400_0255.N1	25-APR-2009 20:59:13	Bright	39.000	111	8Eta Boo	2.6800	6000.0	78	37400	No
181	GOM_NL__2PRFIN20090425_210323_000000492078_00272_37400_0256.N1	25-APR-2009 21:03:23	Bright	49.000	83		2.3780	11000.	98	37400	No
182	GOM_NL__2PRFIN20090425_210617_000000442078_00272_37400_0257.N1	25-APR-2009 21:06:17	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	37400	No
183	GOM_NL__2PRFIN20090425_211600_000000422078_00272_37400_0258.N1	25-APR-2009 21:16:00	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37400	No
184	GOM_NL__2PRFIN20090425_212552_000000412078_00272_37400_0259.N1	25-APR-2009 21:25:52	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37400	No
185	GOM_NL__2PRFIN20090425_213107_000000452078_00272_37400_0260.N1	25-APR-2009 21:31:07	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	37400	No
186	GOM_NL__2PRFIN20090425_214442_000000622078_00272_37400_0261.N1	25-APR-2009 21:44:42	Dark	61.500	61	8Eps Peg	2.1000	3900.0	123	37400	No
187	GOM_NL__2PRFIN20090425_214710_000000502078_00272_37400_0262.N1	25-APR-2009 21:47:10	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	37400	No
188	GOM_NL__2PRFIN20090425_215026_000000572078_00272_37400_0263.N1	25-APR-2009 21:50:26	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	37400	No
189	GOM_NL__2PRFIN20090425_221340_000000502078_00273_37401_0265.N1	25-APR-2009 22:13:40	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37401	No
190	GOM_NL__2PRFIN20090425_221518_000000622078_00273_37401_0266.N1	25-APR-2009 22:15:18	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	37401	No
191	GOM_NL__2PRFIN20090425_221843_000000642078_00273_37401_0267.N1	25-APR-2009 22:18:43	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37401	No
192	GOM_NL__2PRFIN20090425_222351_000000552078_00273_37401_0268.N1	25-APR-2009 22:23:51	Tw_i_and_stray	54.500	158	6Pi Sco	2.9060	28000.	109	37401	No
193	GOM_NL__2PRFIN20090425_222842_000000482078_00273_37401_0269.N1	25-APR-2009 22:28:42	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	37401	No
194	GOM_NL__2PRFIN20090425_223114_000000392078_00273_37401_0270.N1	25-APR-2009 22:31:14	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	37401	No
195	GOM_NL__2PRFIN20090425_223948_000000402078_00273_37401_0271.N1	25-APR-2009 22:39:48	Bright	39.500	111	8Eta Boo	2.6800	6000.0	79	37401	No
196	GOM_NL__2PRFIN20090425_224358_000000492078_00273_37401_0272.N1	25-APR-2009 22:43:58	Bright	48.500	83		2.3780	11000.	97	37401	No
197	GOM_NL__2PRFIN20090425_224653_000000412078_00273_37401_0273.N1	25-APR-2009 22:46:53	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37401	No
198	GOM_NL__2PRFIN20090425_225635_000000422078_00273_37401_0274.N1	25-APR-2009 22:56:35	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37401	No
199	GOM_NL__2PRFIN20090425_230628_000000402078_00273_37401_0275.N1	25-APR-2009 23:06:28	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37401	No
200	GOM_NL__2PRFIN20090425_231143_000000452078_00273_37401_0276.N1	25-APR-2009 23:11:43	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	37401	No
201	GOM_NL__2PRFIN20090425_232519_000000572078_00273_37401_0277.N1	25-APR-2009 23:25:19	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	37401	No
202	GOM_NL__2PRFIN20090425_232746_000000492078_00273_37401_0278.N1	25-APR-2009 23:27:46	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37401	No
203	GOM_NL__2PRFIN20090425_233103_000000552078_00273_37401_0279.N1	25-APR-2009 23:31:03	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	37401	No
204	GOM_NL__2PRFIN20090425_235417_000000562078_00274_37402_0281.N1	25-APR-2009 23:54:17	Straylight	55.500	40	The Sco	1.8590	7100.0	111	37402	No
205	GOM_NL__2PRFIN20090425_235555_000000612078_00274_37402_0282.N1	25-APR-2009 23:55:55	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	37402	No
206	GOM_NL__2PRFIN20090425_235920_000000652078_00274_37402_0283.N1	25-APR-2009 23:59:20	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	37402	No

### 3. Quality information per product

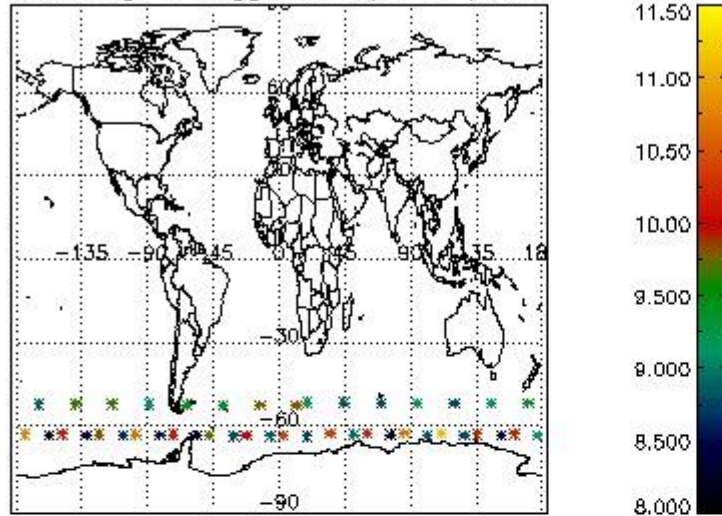
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

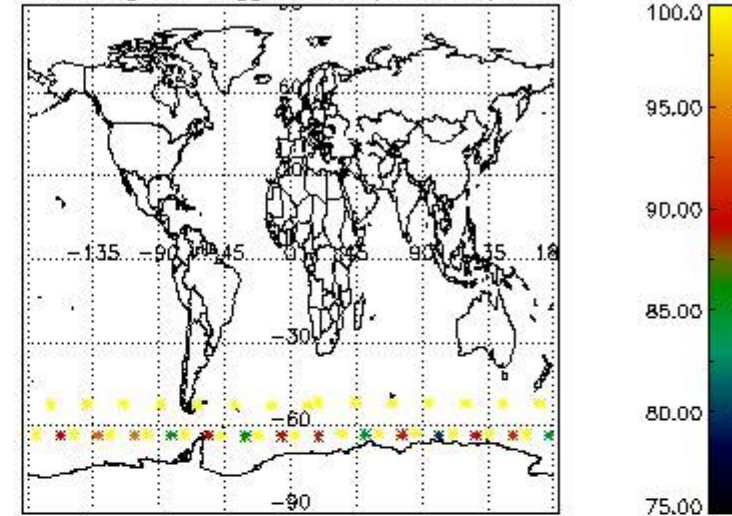


*3.2 Plot quality information per product (world map)*

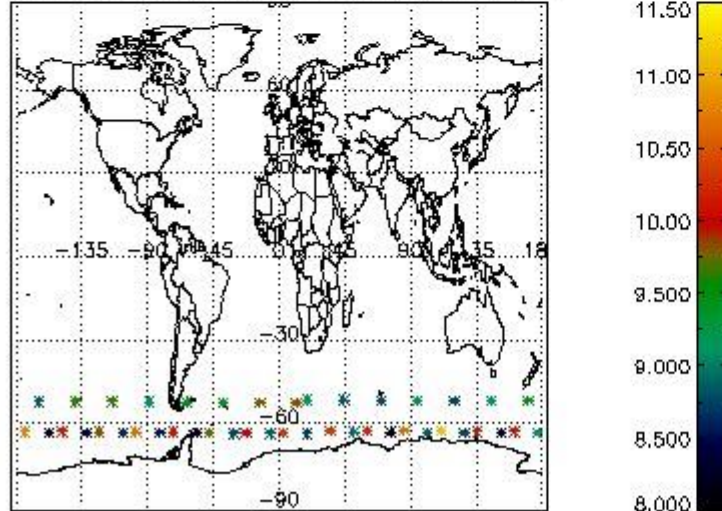
Percentage of flagged data per O3 profile



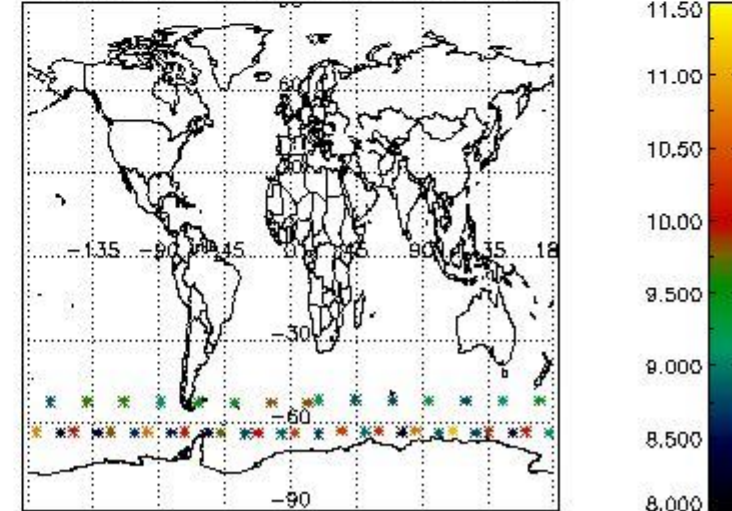
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

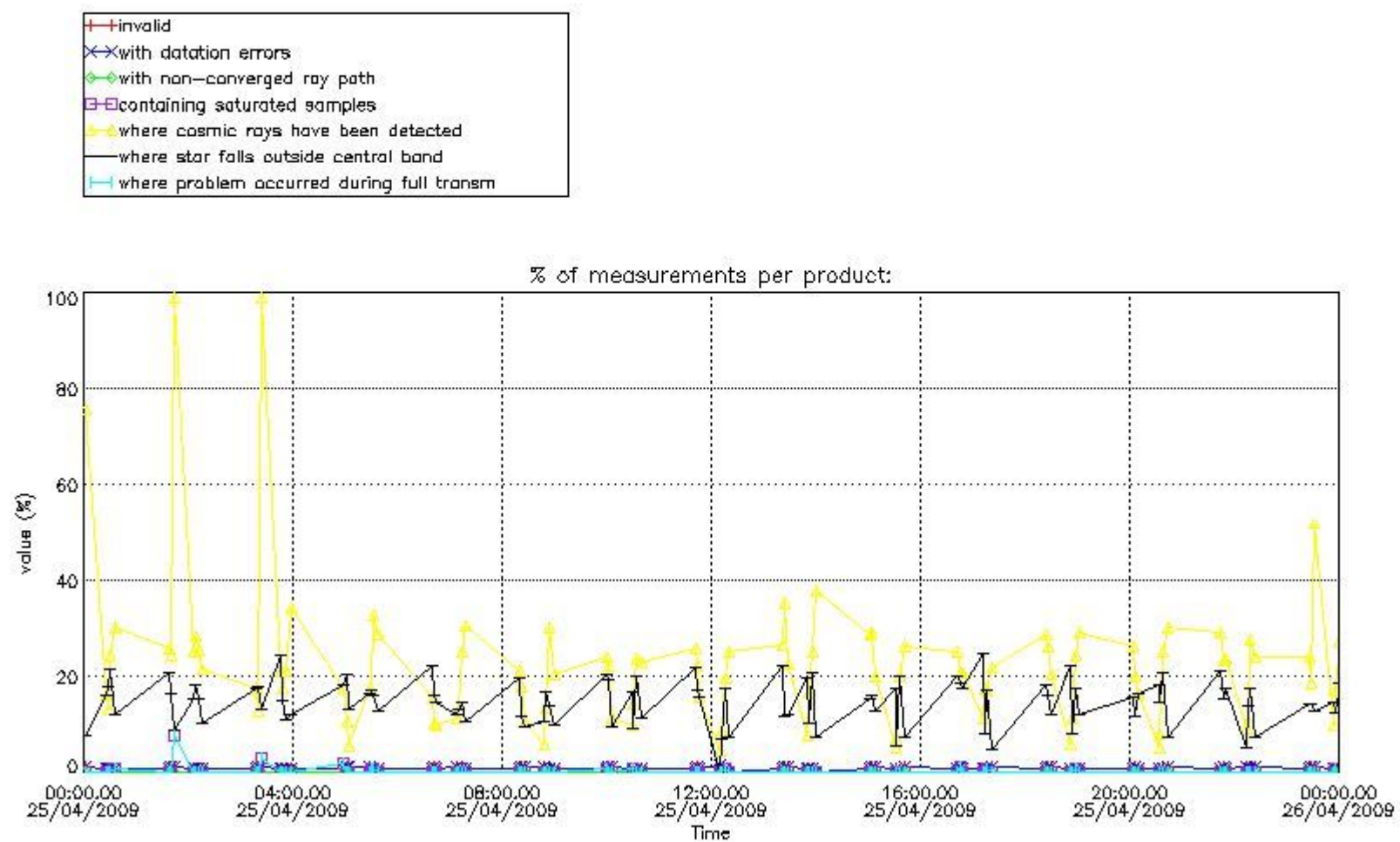


#### 4. Level 1 quality information per product

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.

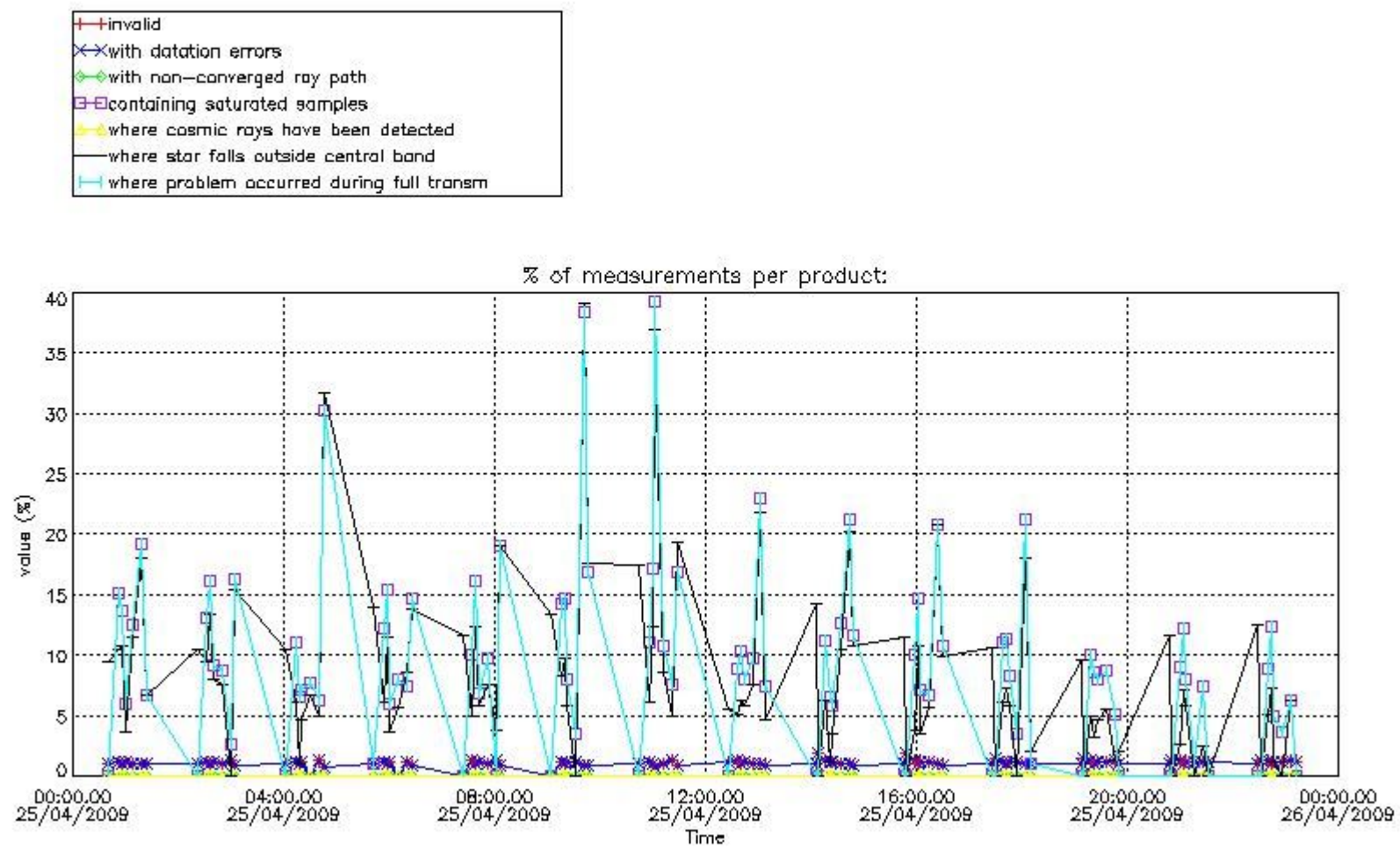
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

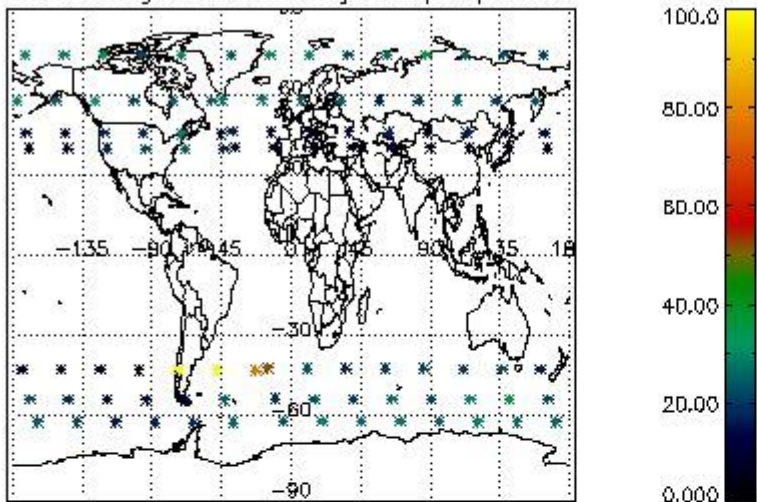




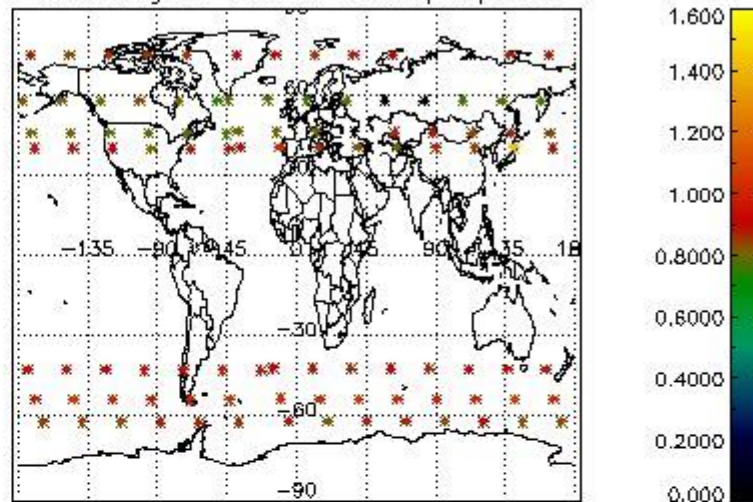
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

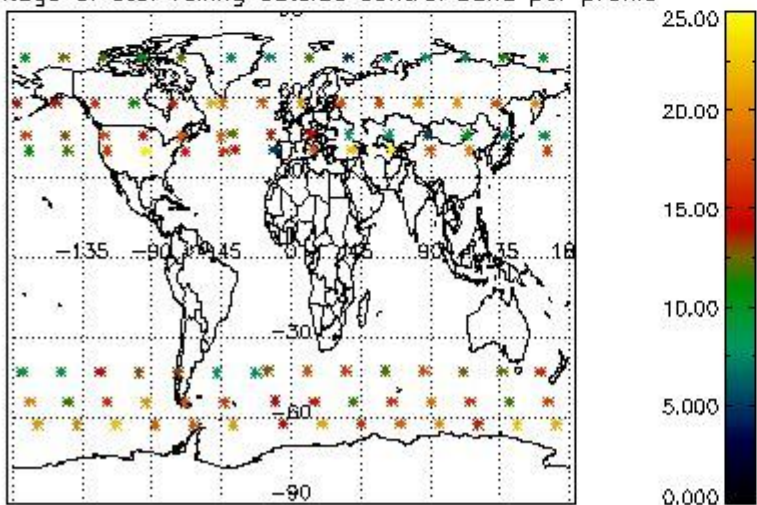
Percentage of cosmic ray hits per profile



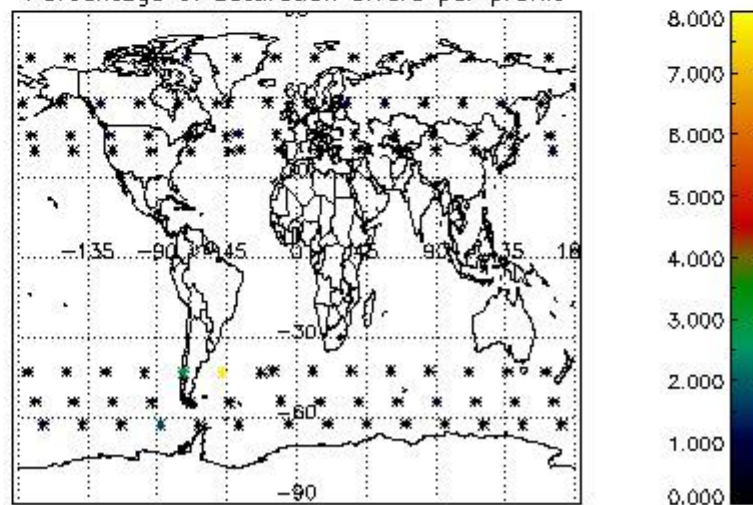
Percentage of datation errors per profile



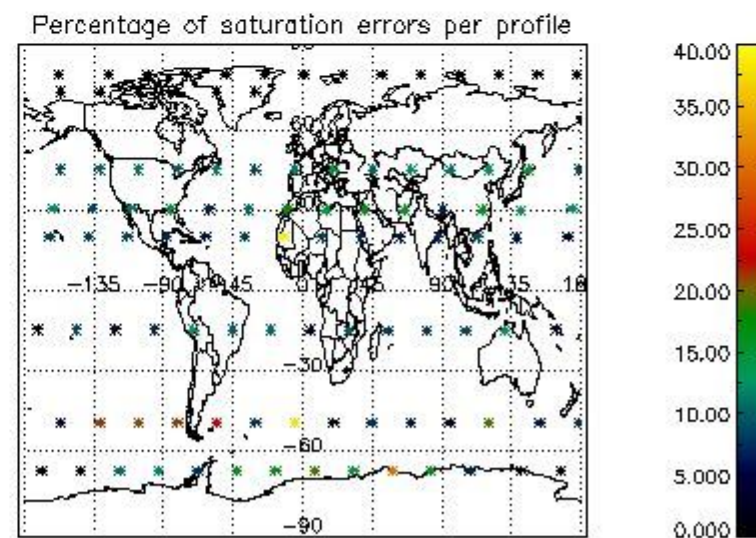
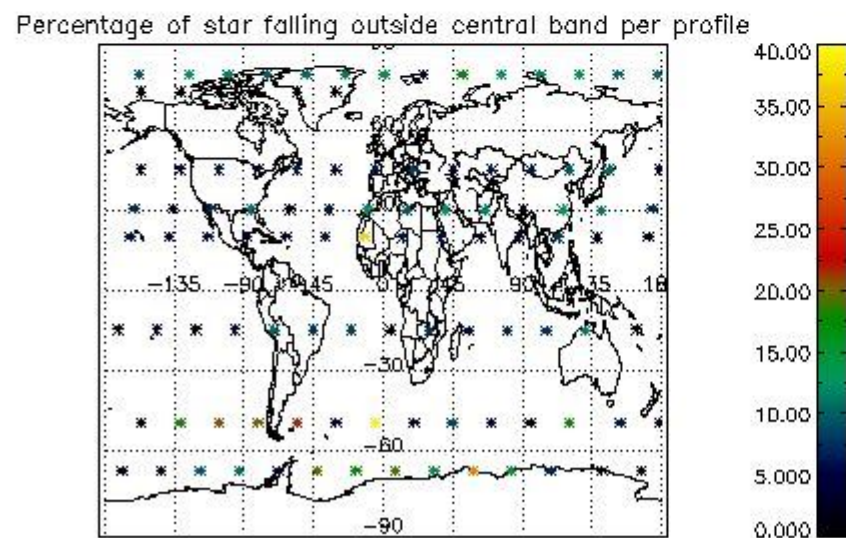
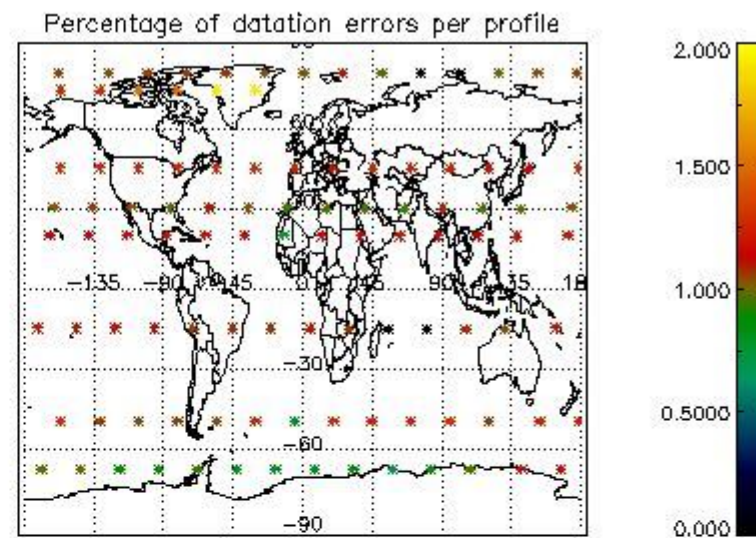
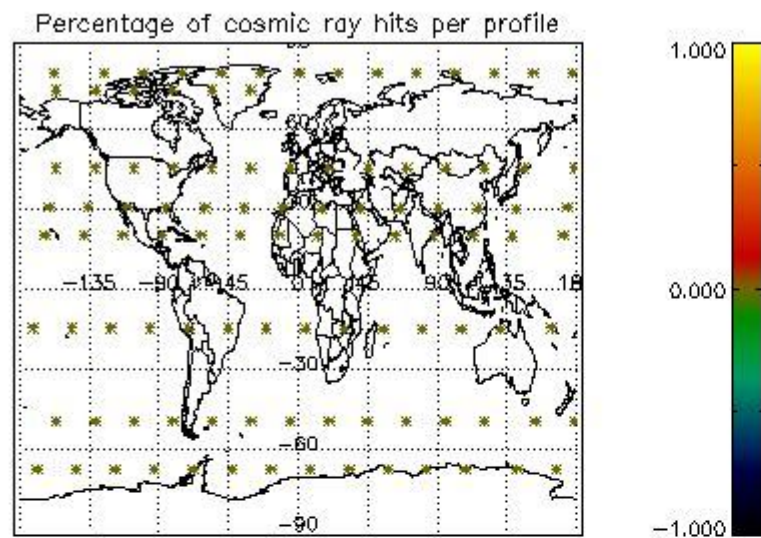
Percentage of star falling outside central band per profile



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

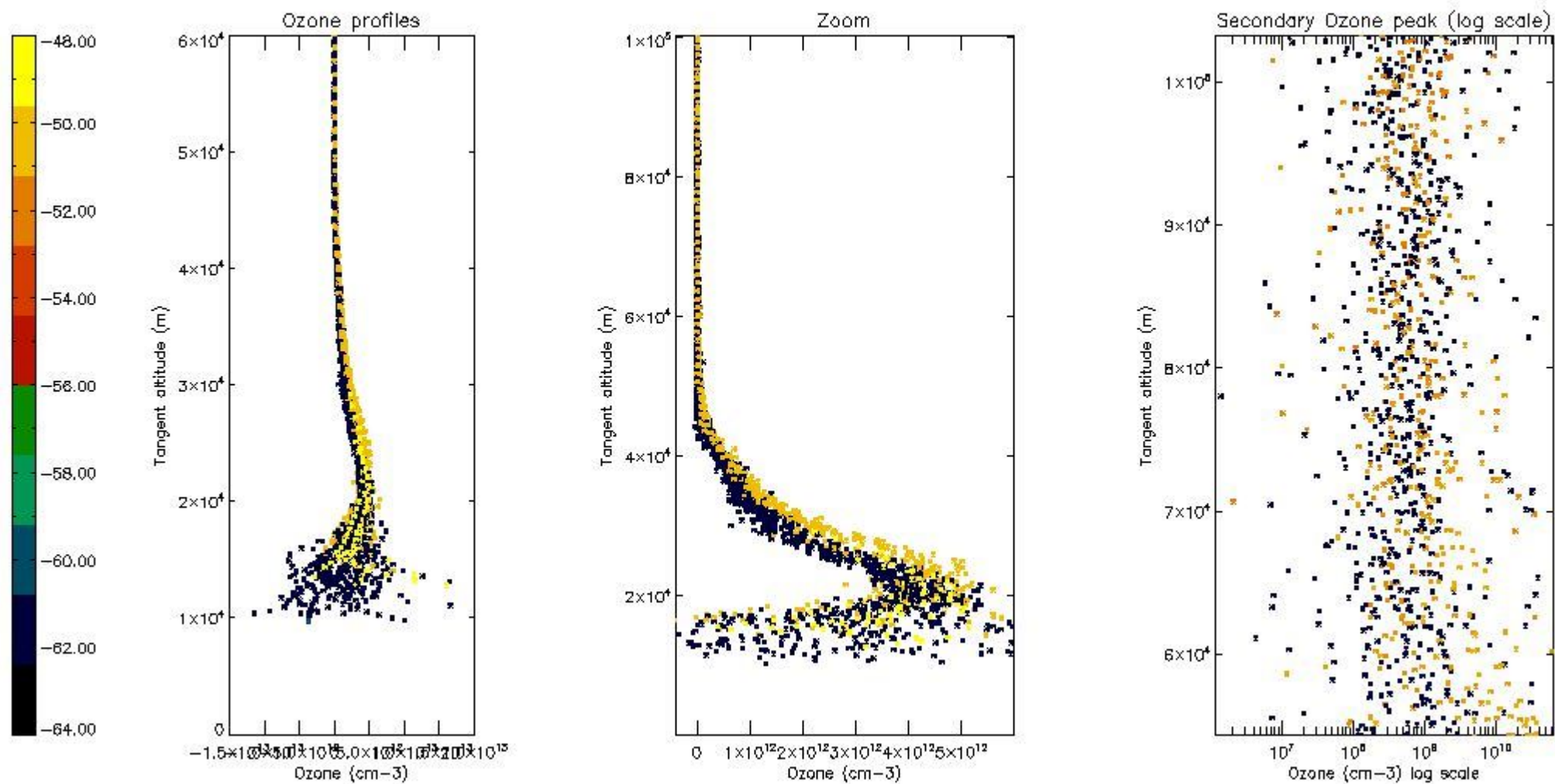
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23.000
STD < 20	5.0000

STD < 10	1.0000
STD < 5	NaN

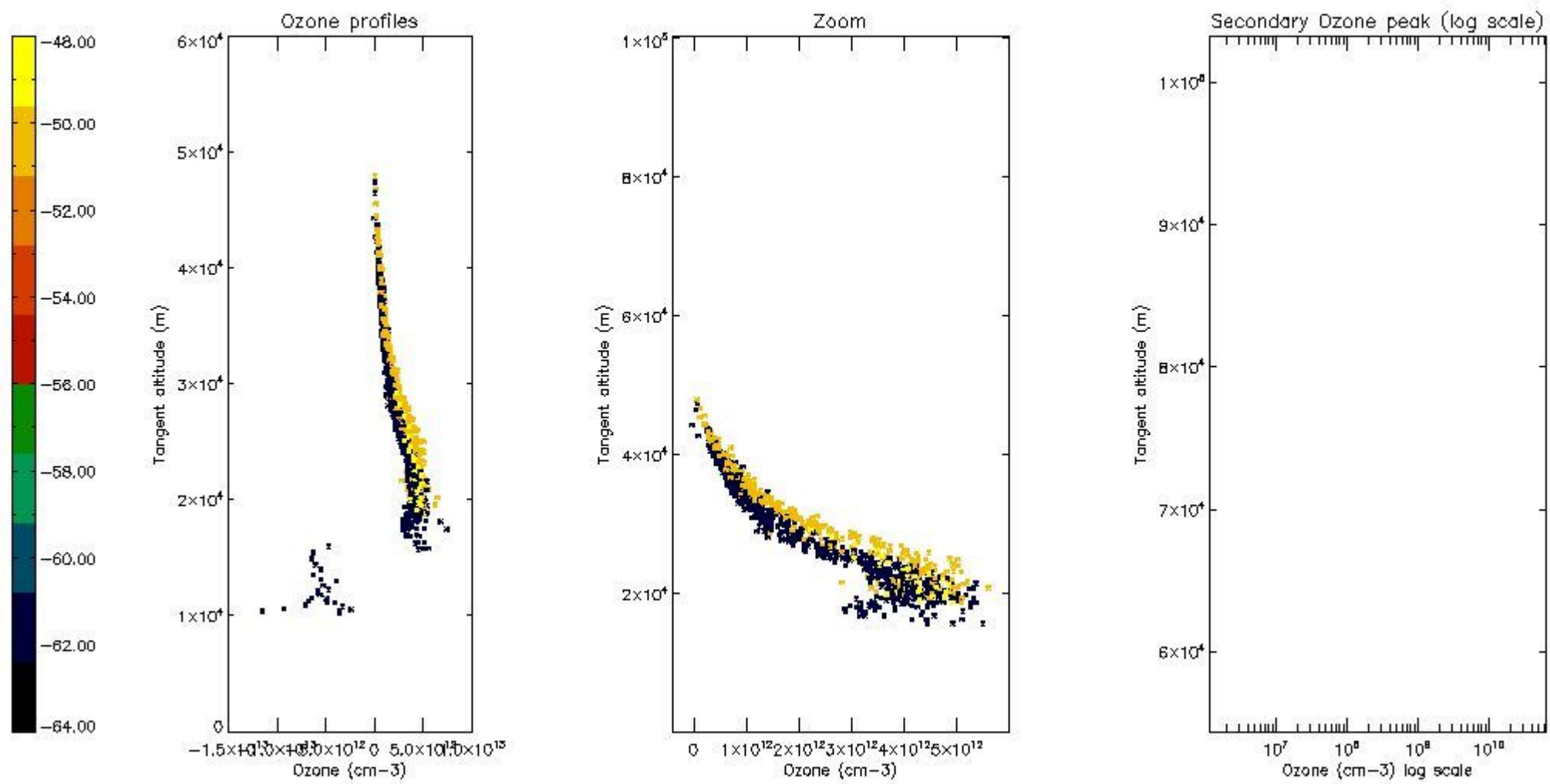
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



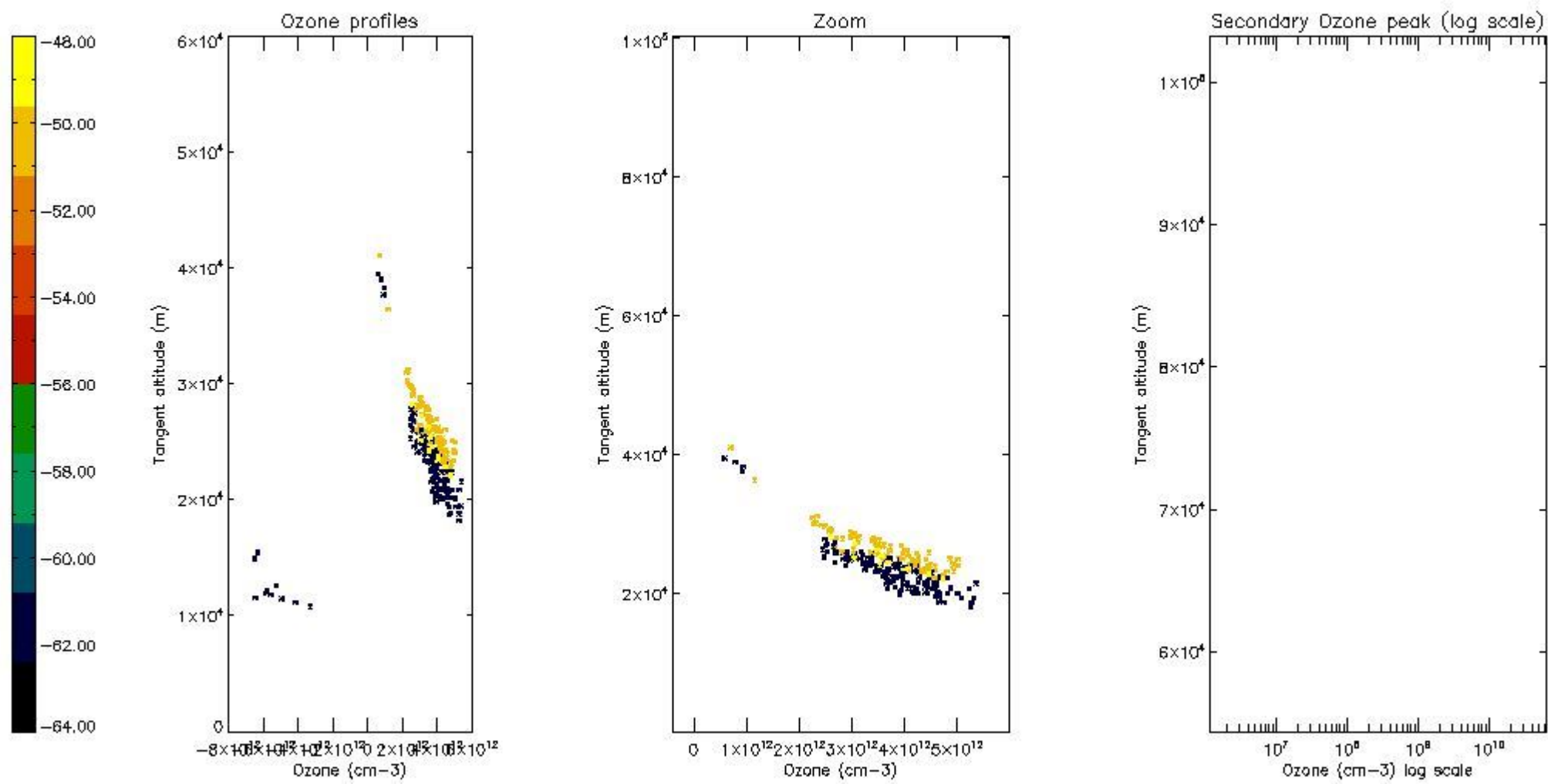
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.

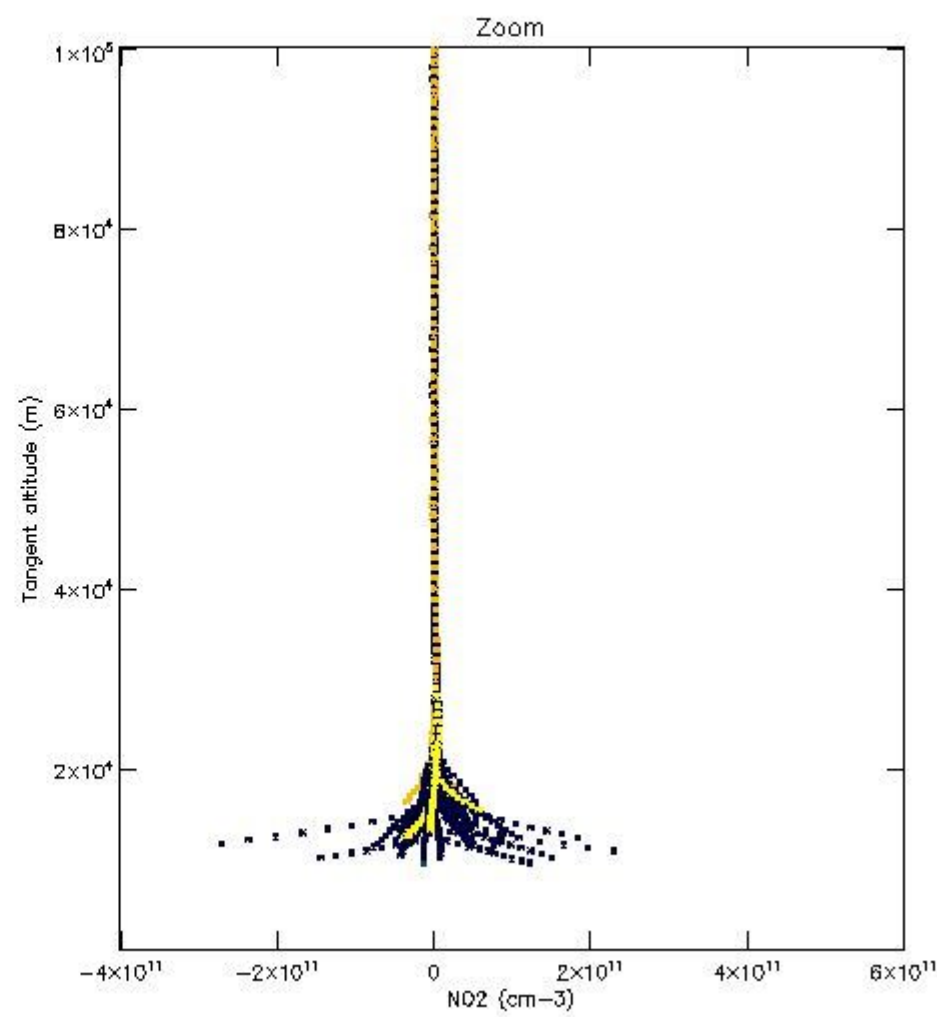
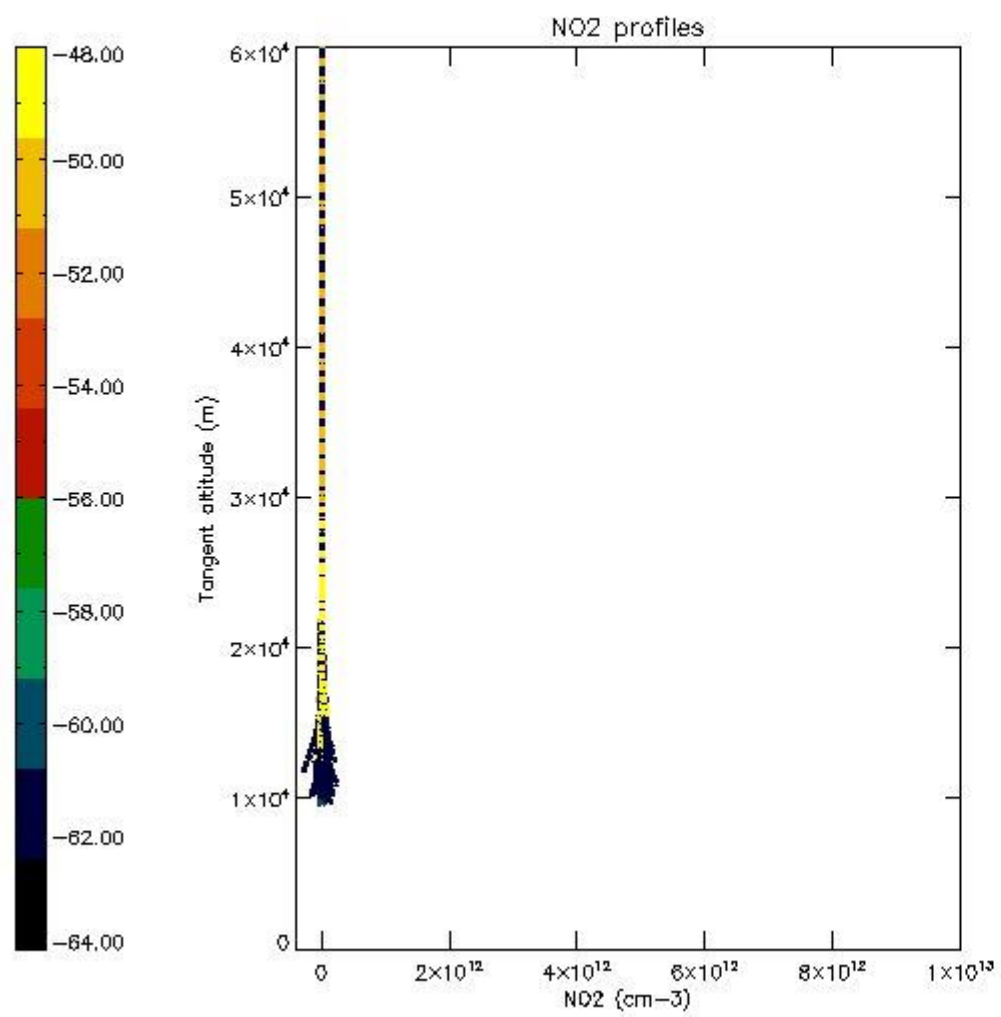


*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.

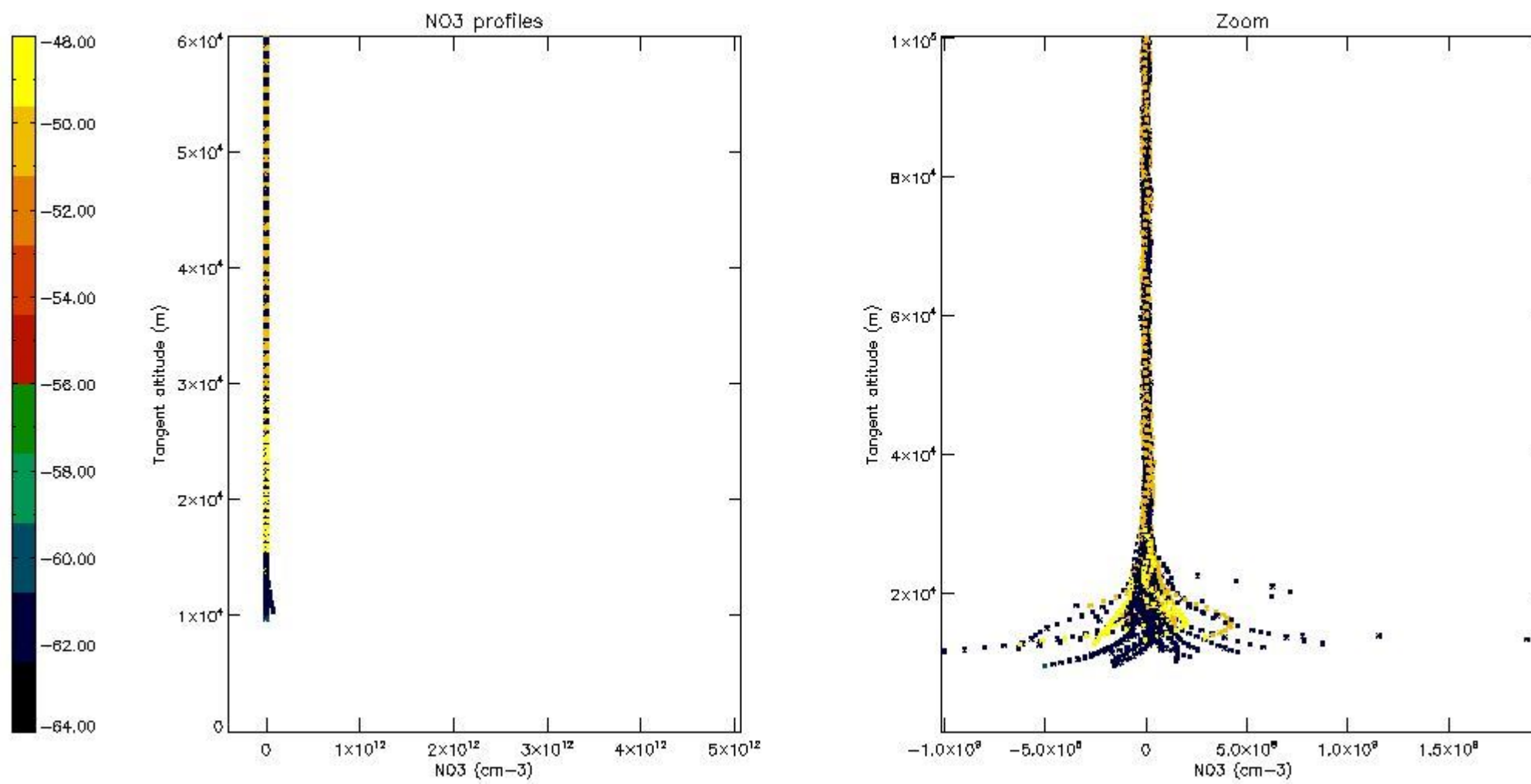
*5.6 Plot NO2 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

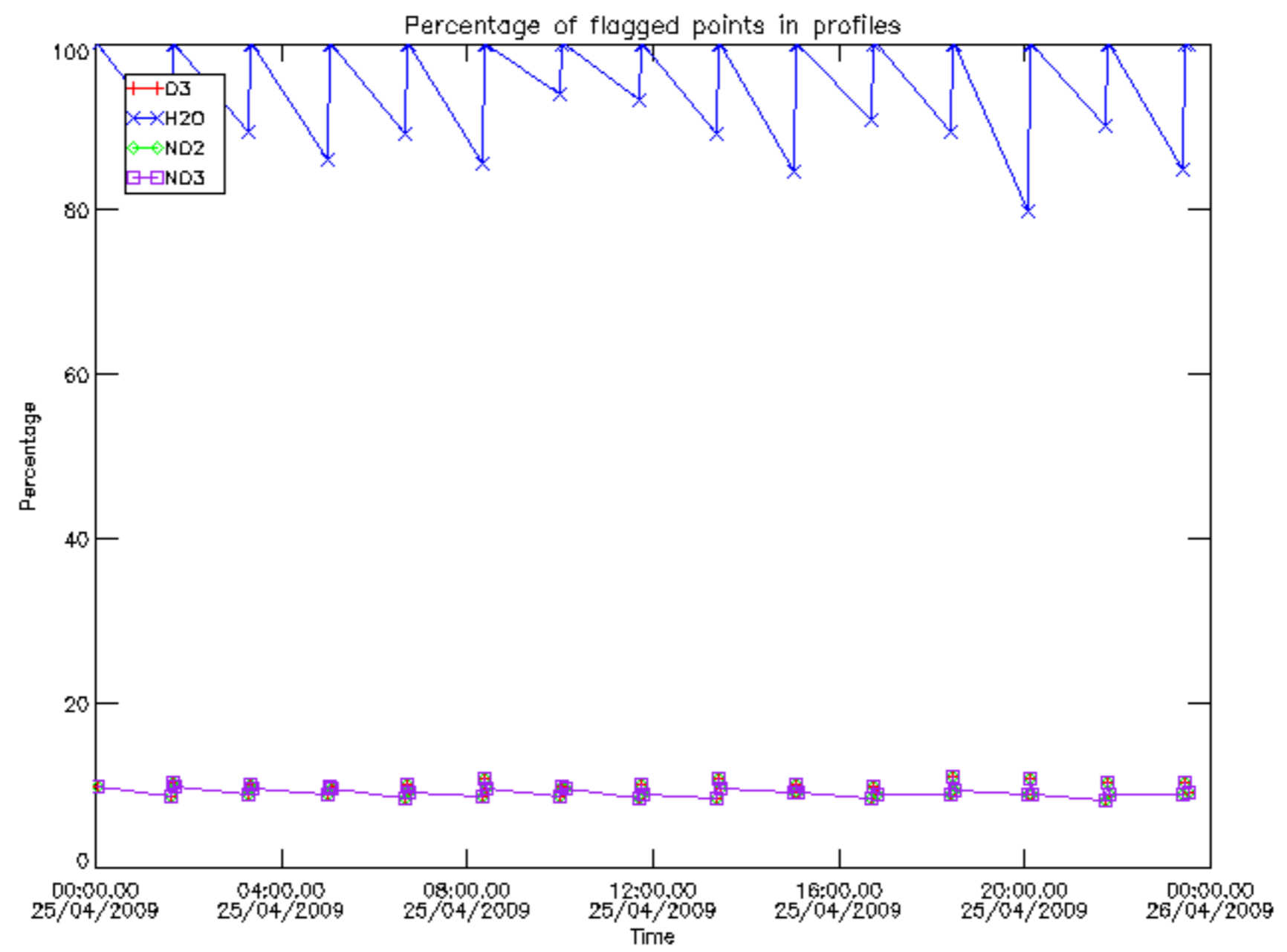


## 6. Auxiliary Data Files used for the production reported in section 2

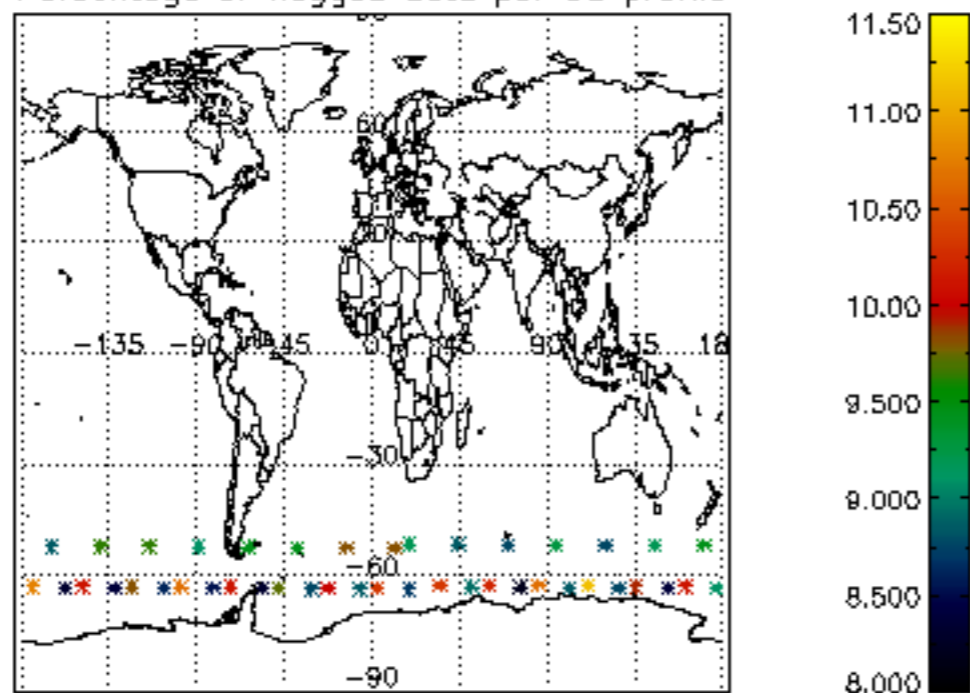
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-APR-2009 00:02:26
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-APR-2009 00:02:26
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-APR-2009 00:02:26

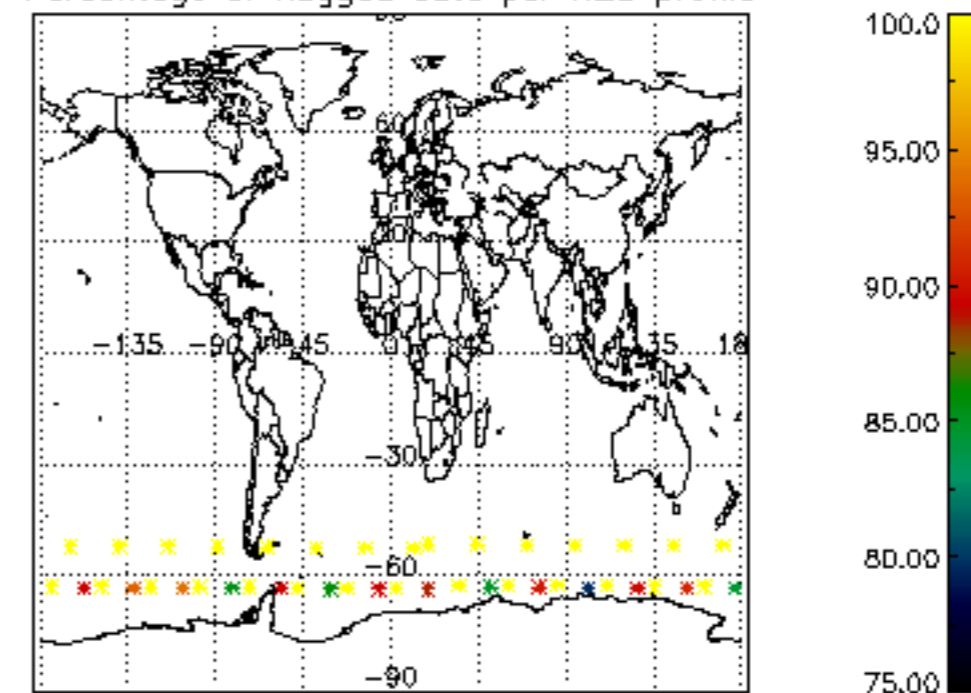




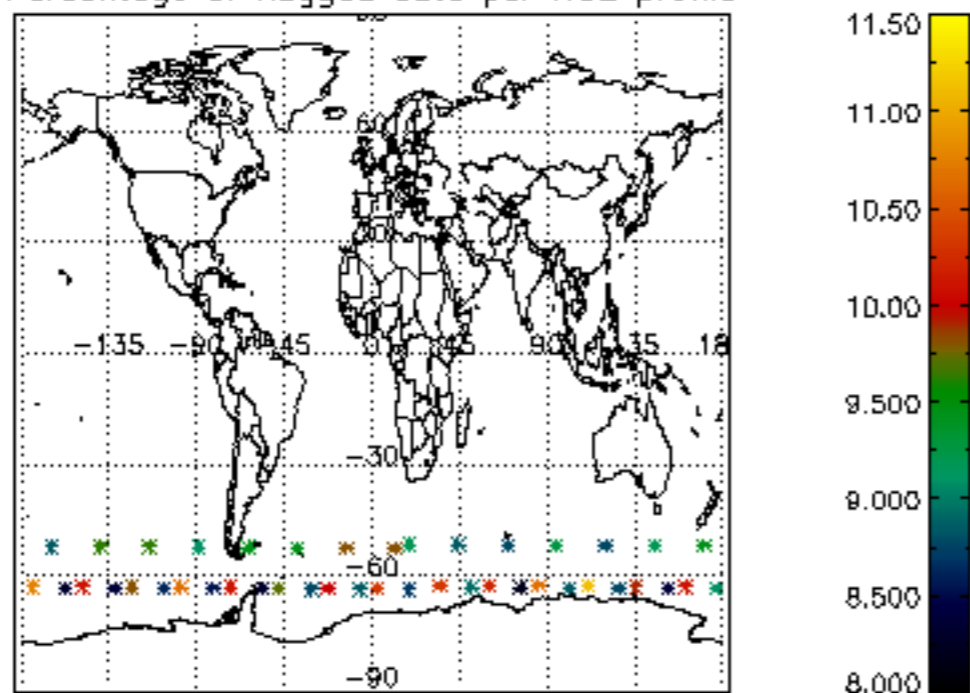
Percentage of flagged data per D3 profile



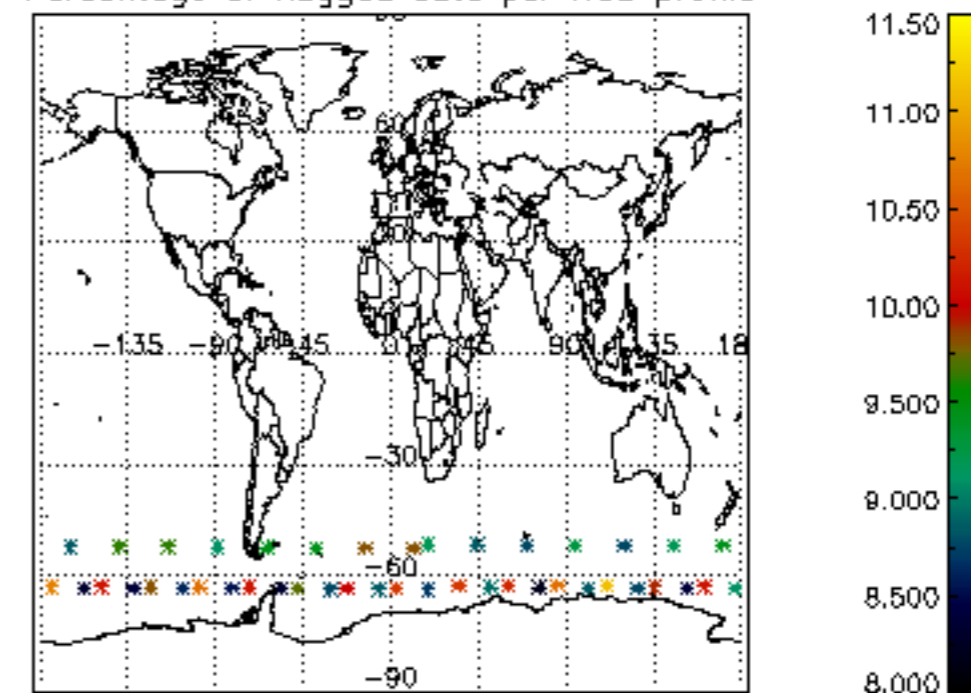
Percentage of flagged data per H2O profile

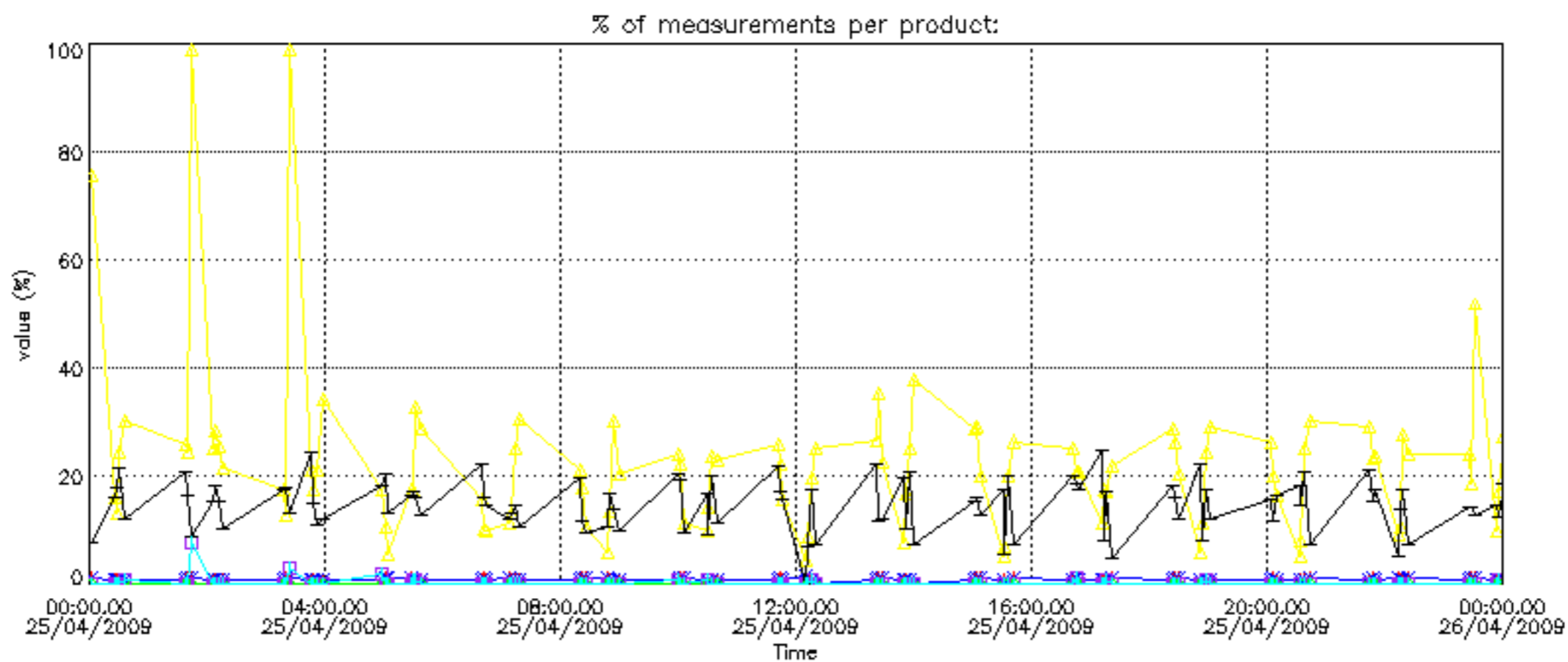


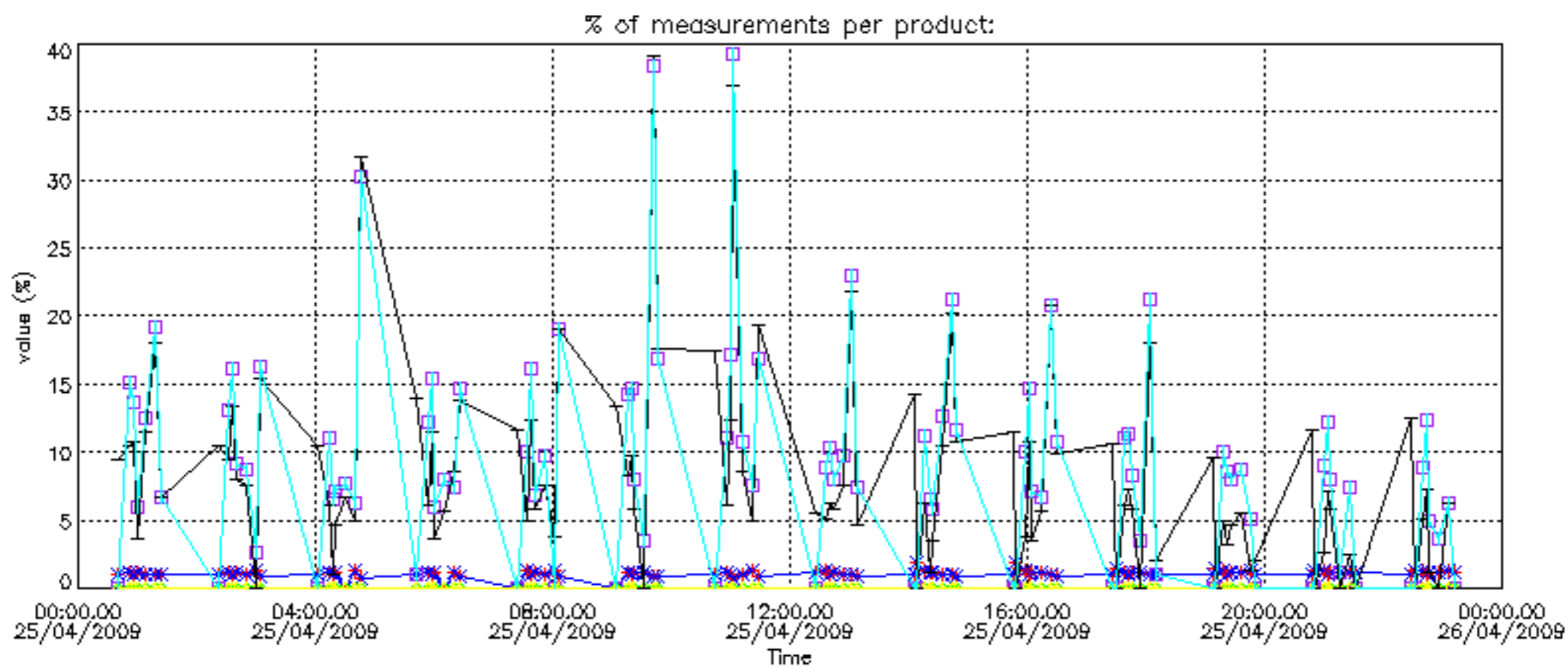
Percentage of flagged data per NO2 profile



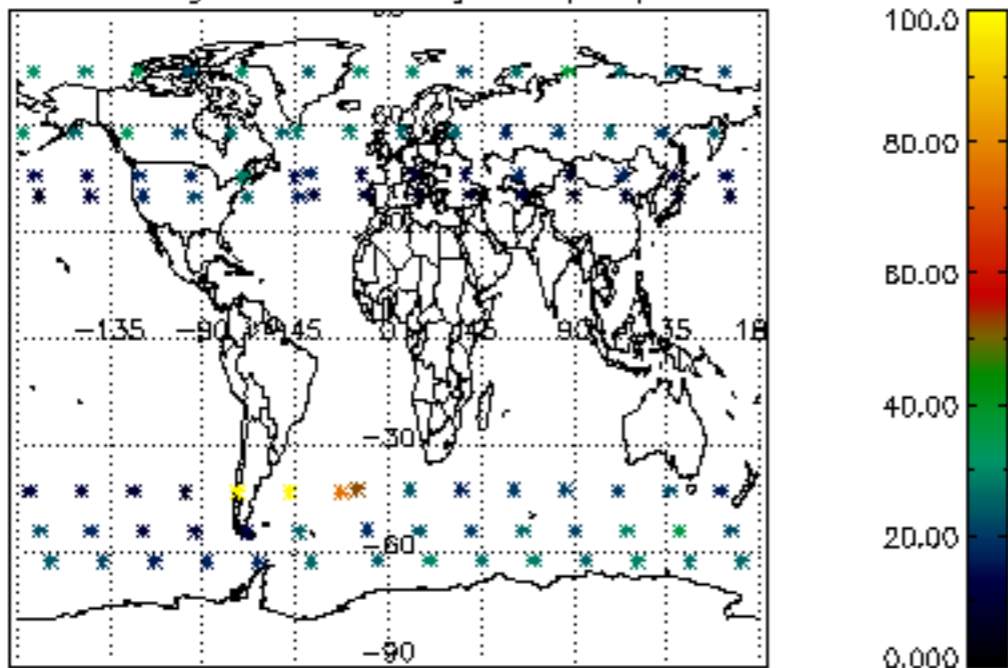
Percentage of flagged data per NO3 profile



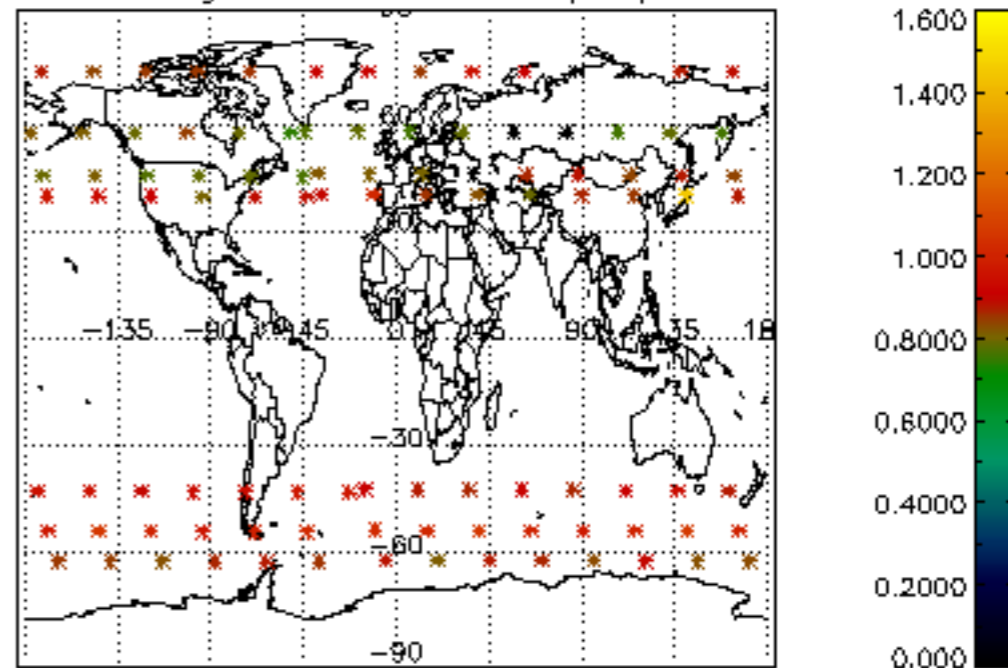




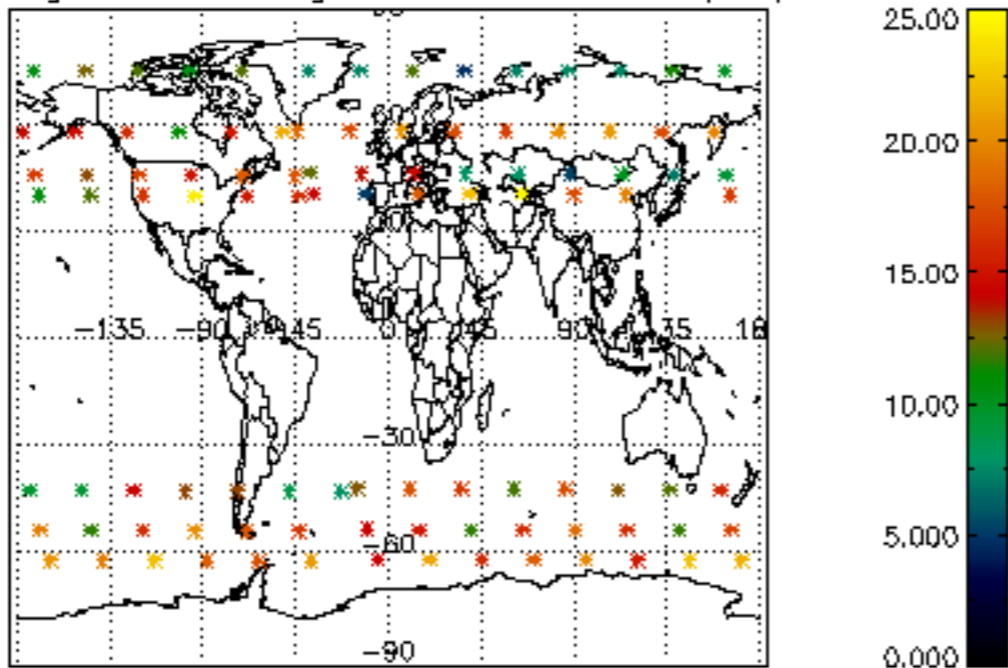
Percentage of cosmic ray hits per profile



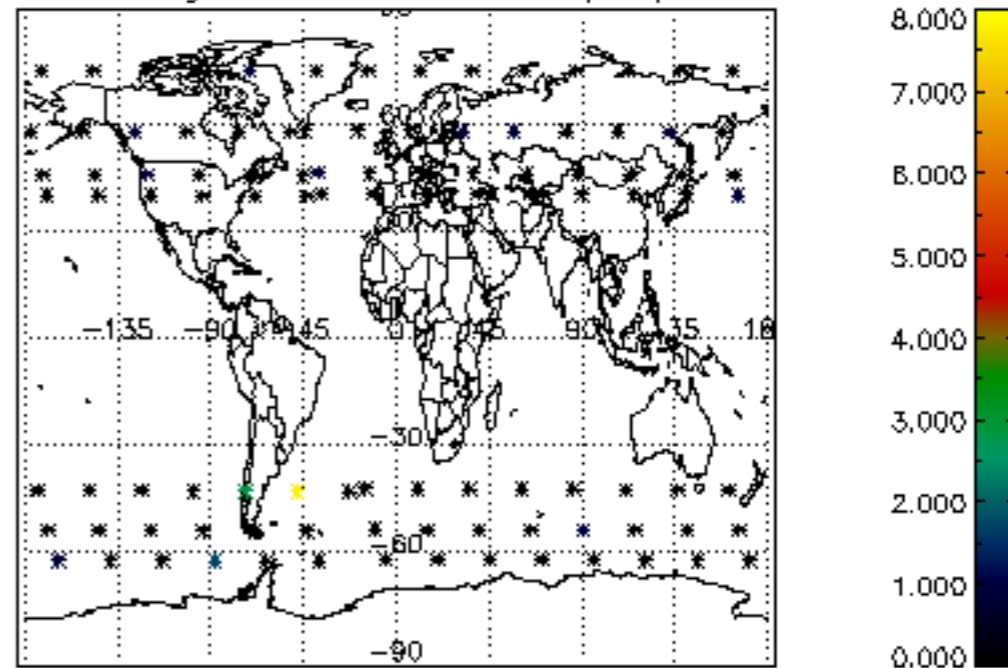
Percentage of datation errors per profile



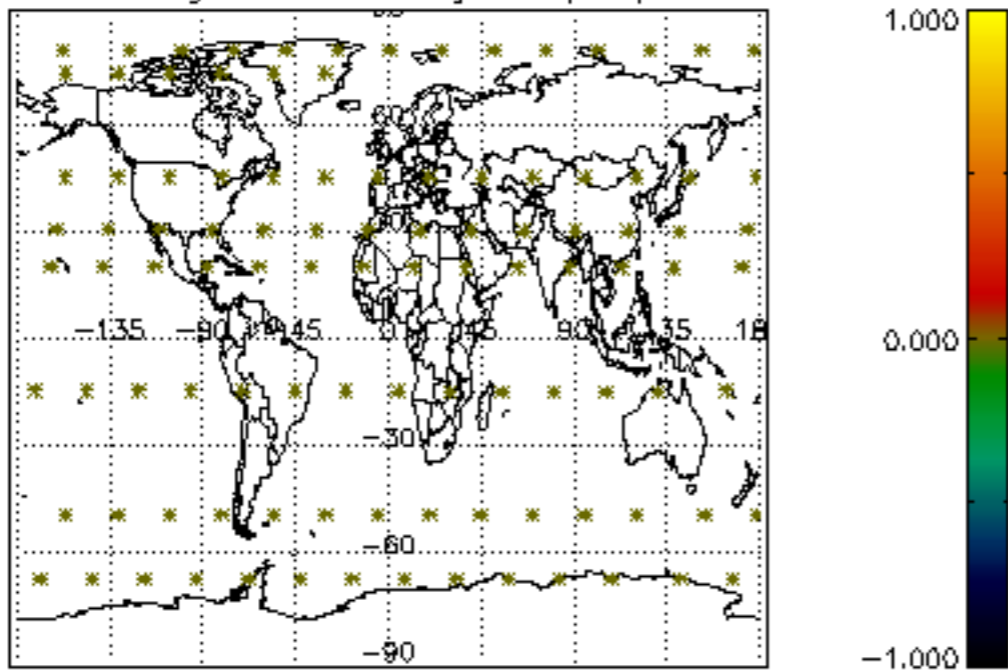
Percentage of star falling outside central band per profile



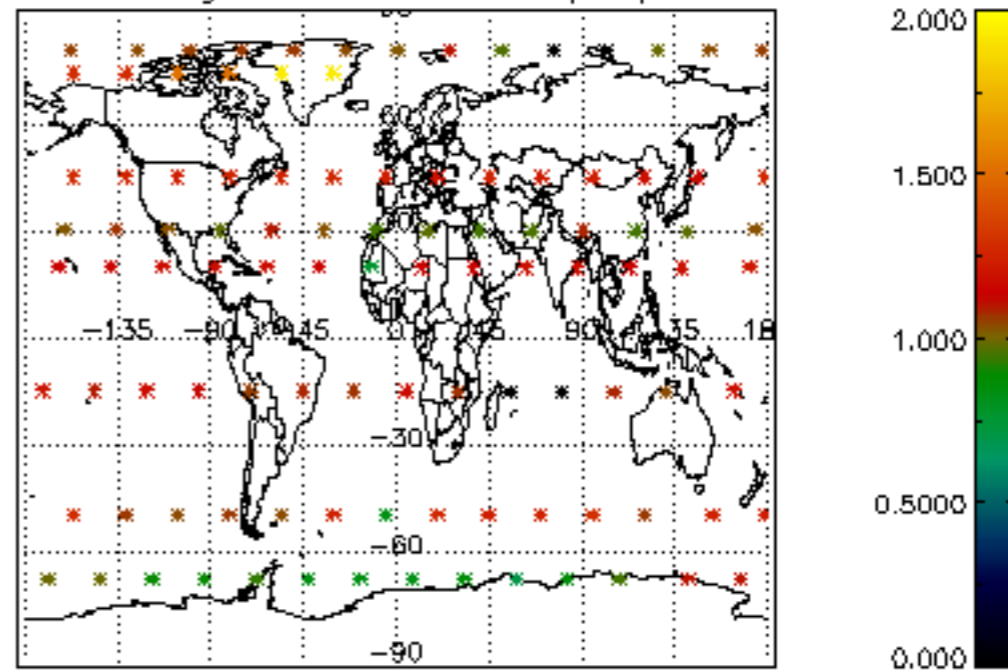
Percentage of saturation errors per profile



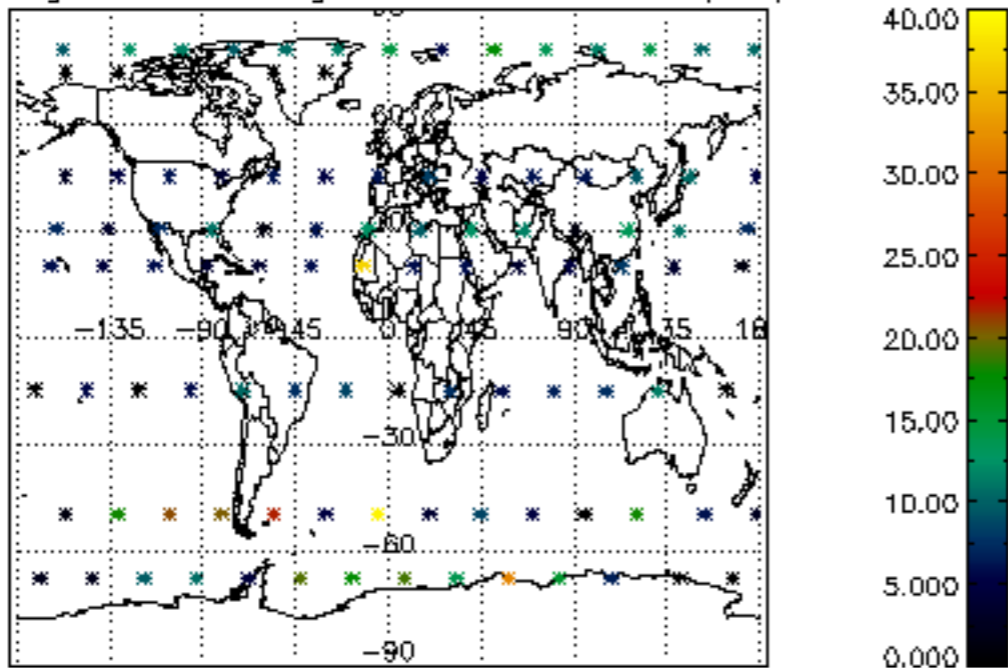
Percentage of cosmic ray hits per profile



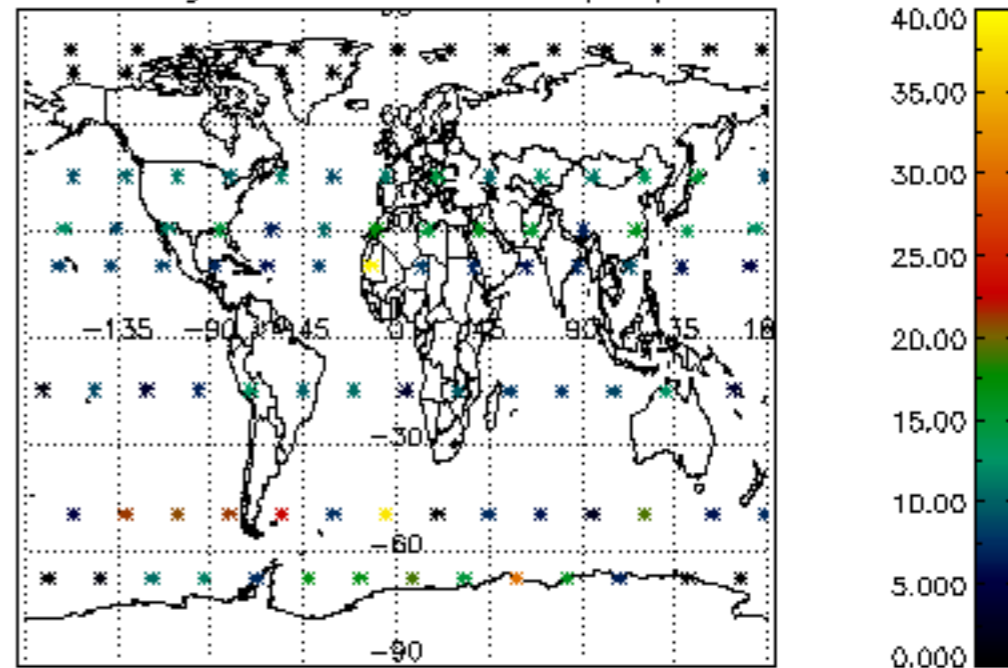
Percentage of datation errors per profile

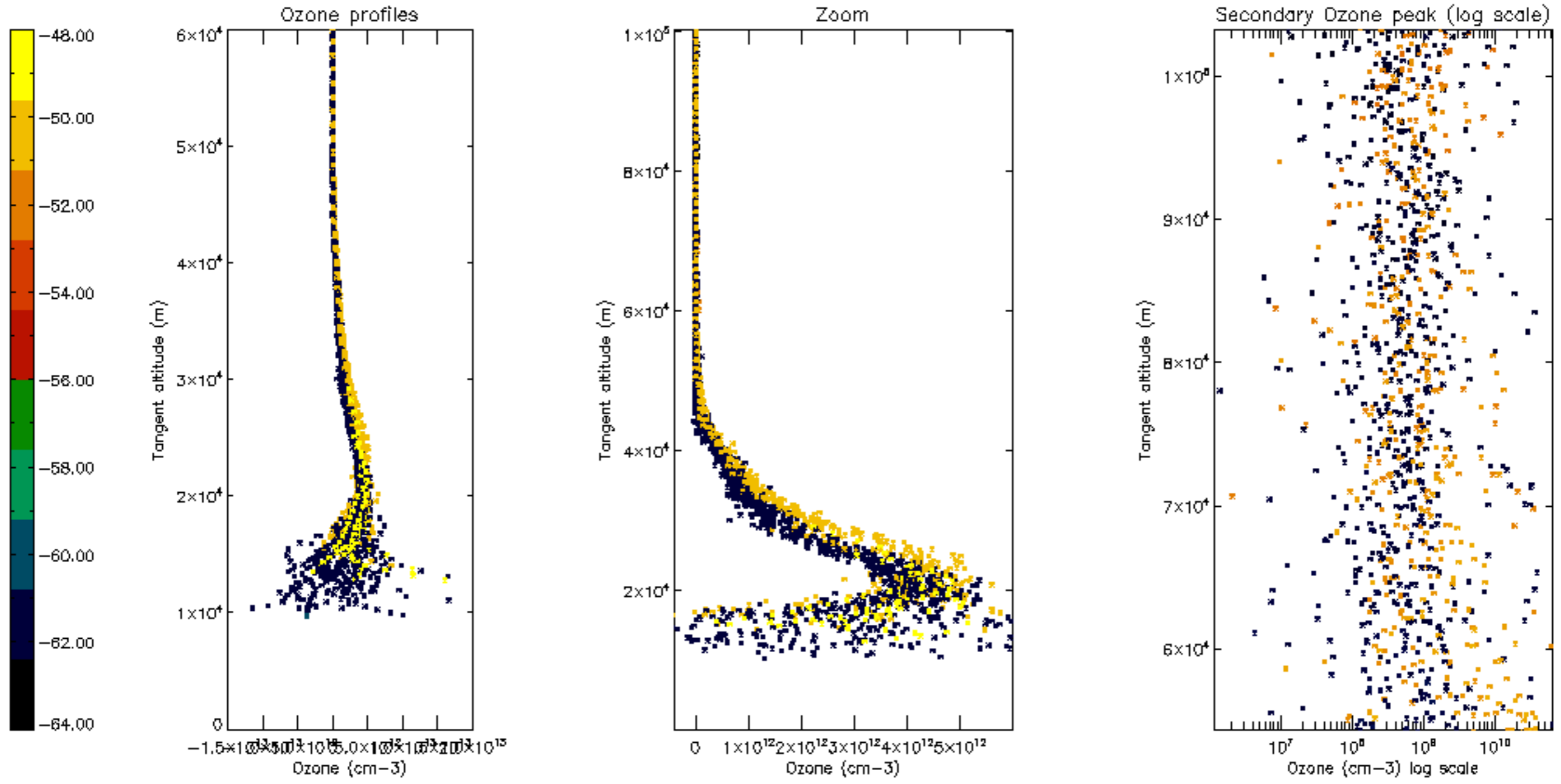


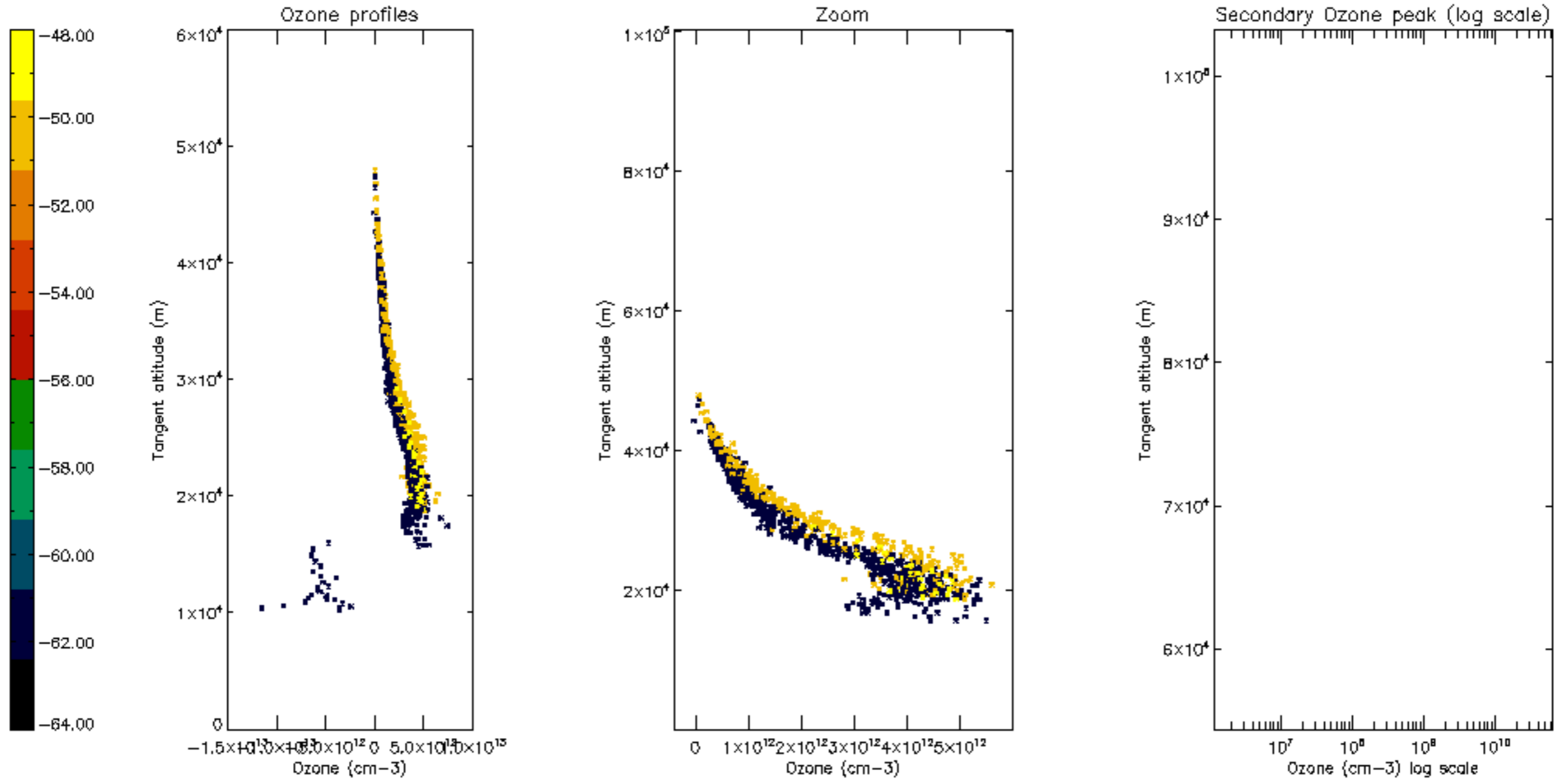
Percentage of star falling outside central band per profile



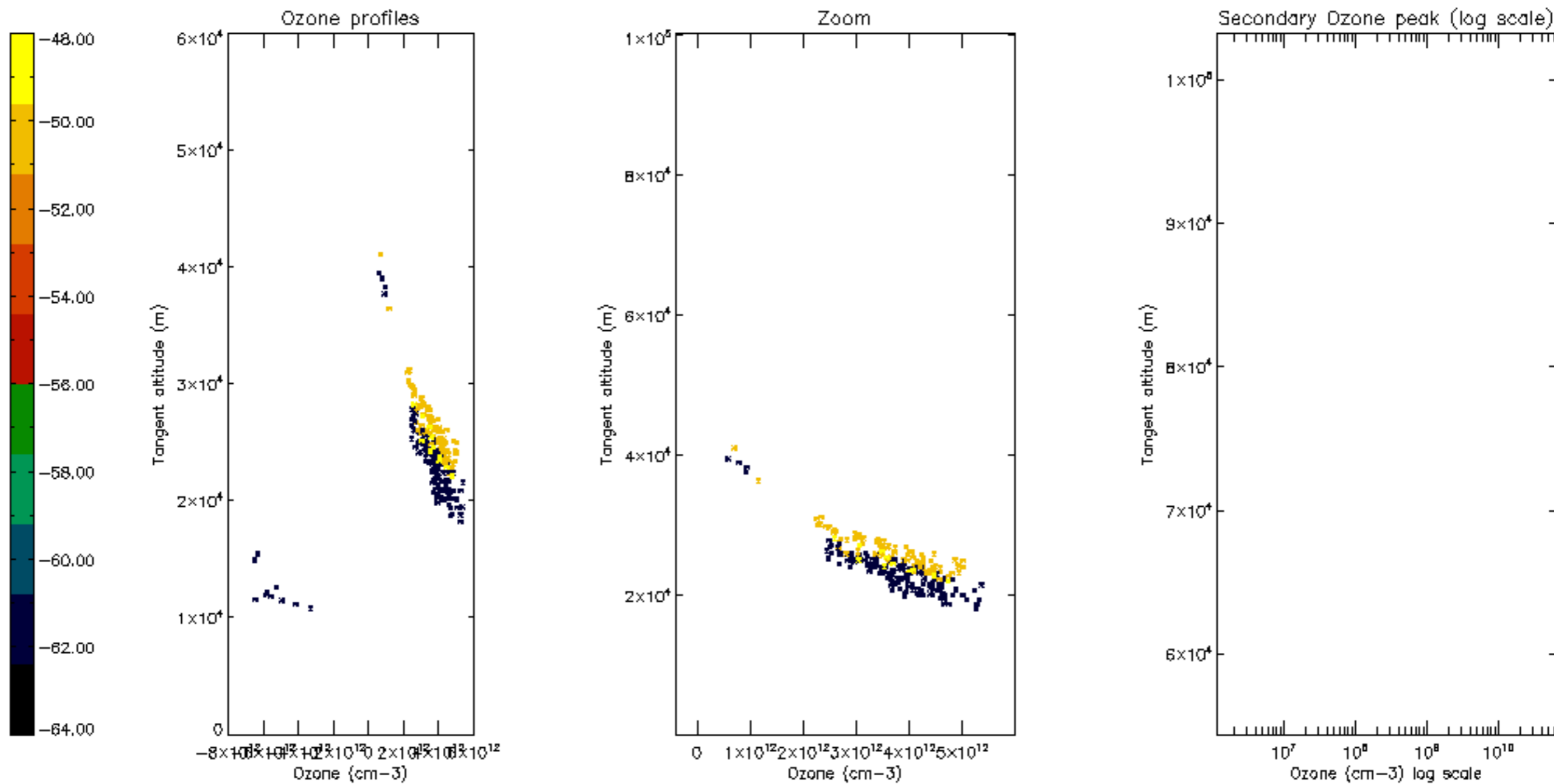
Percentage of saturation errors per profile

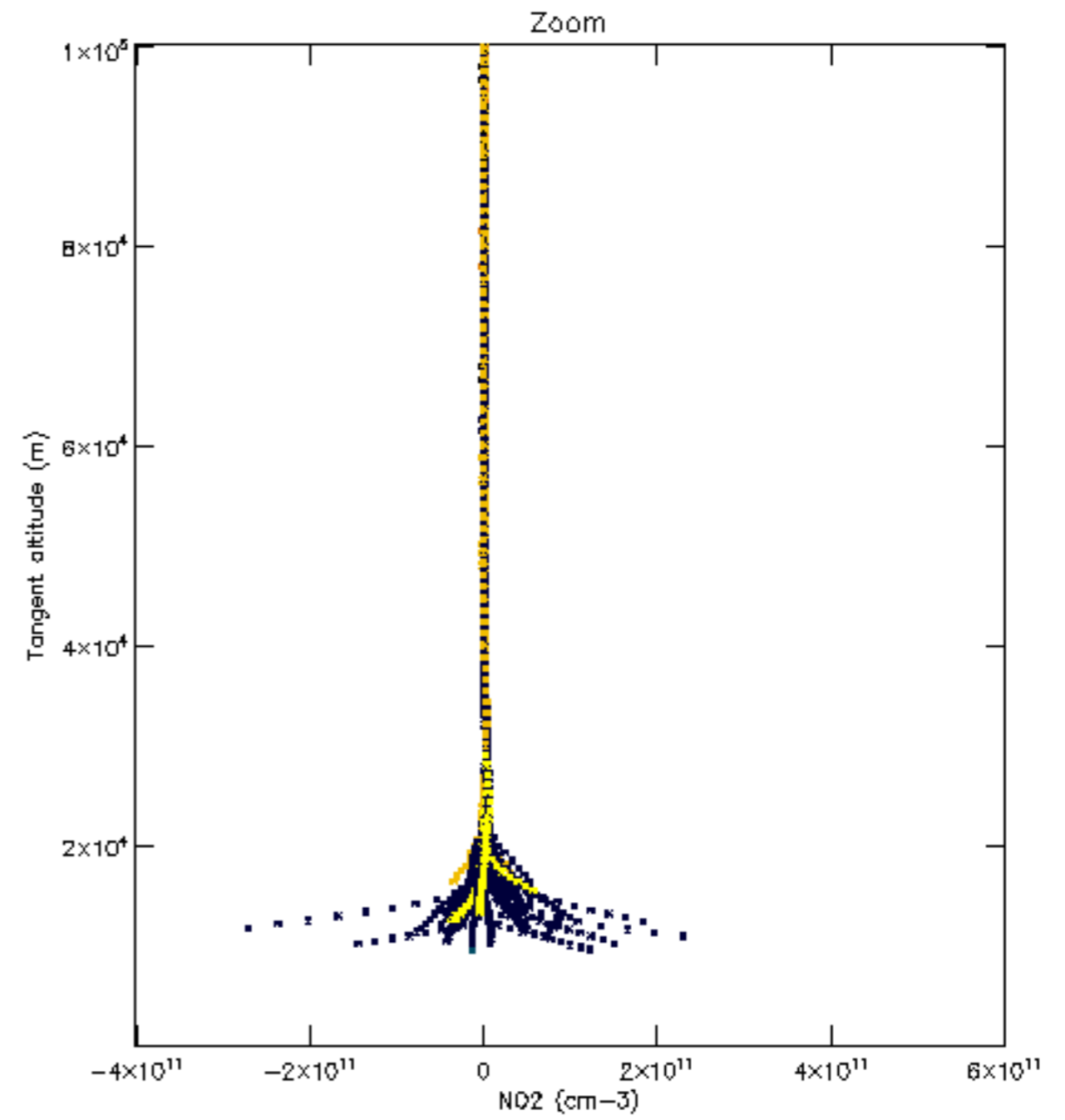
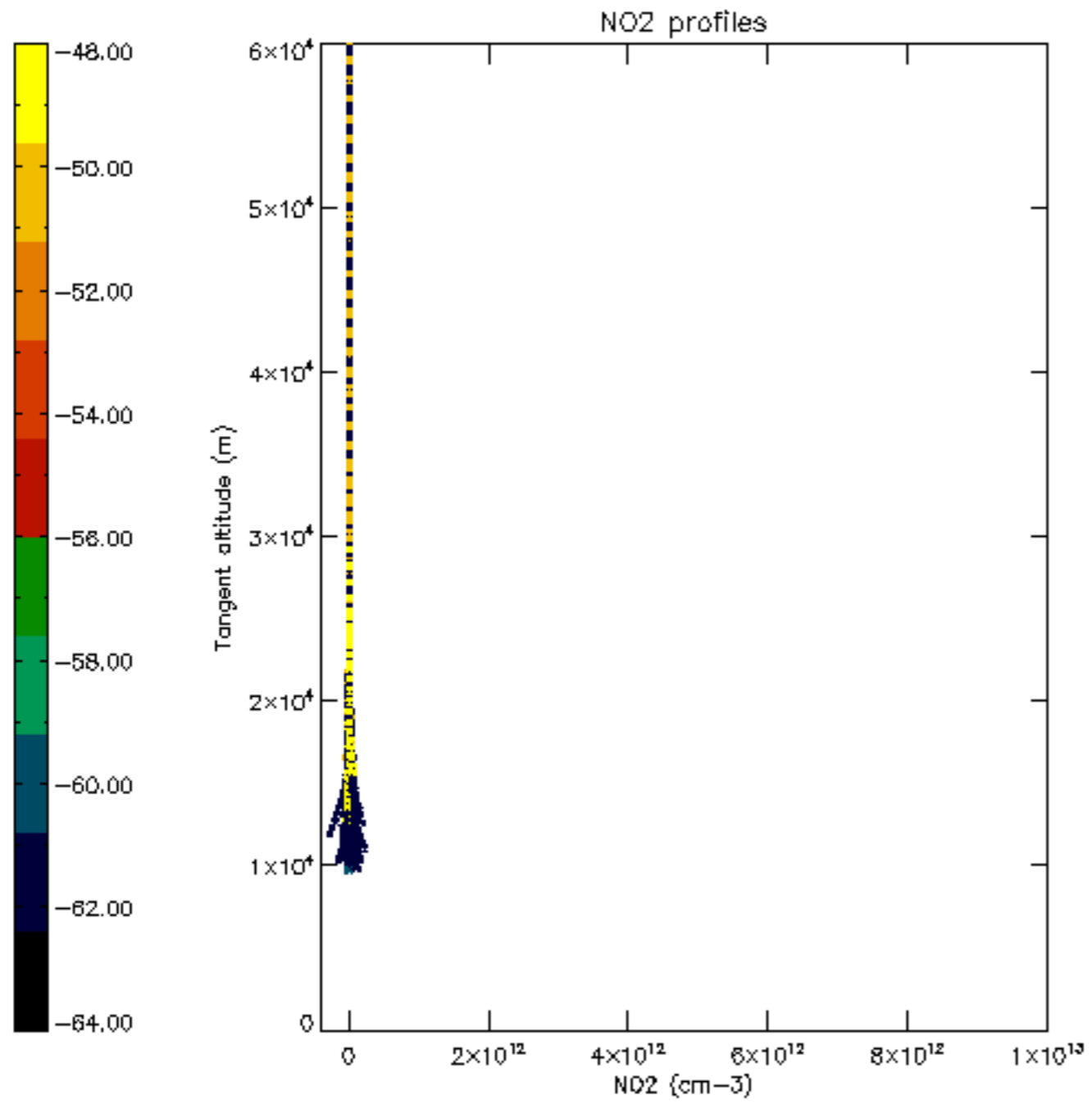


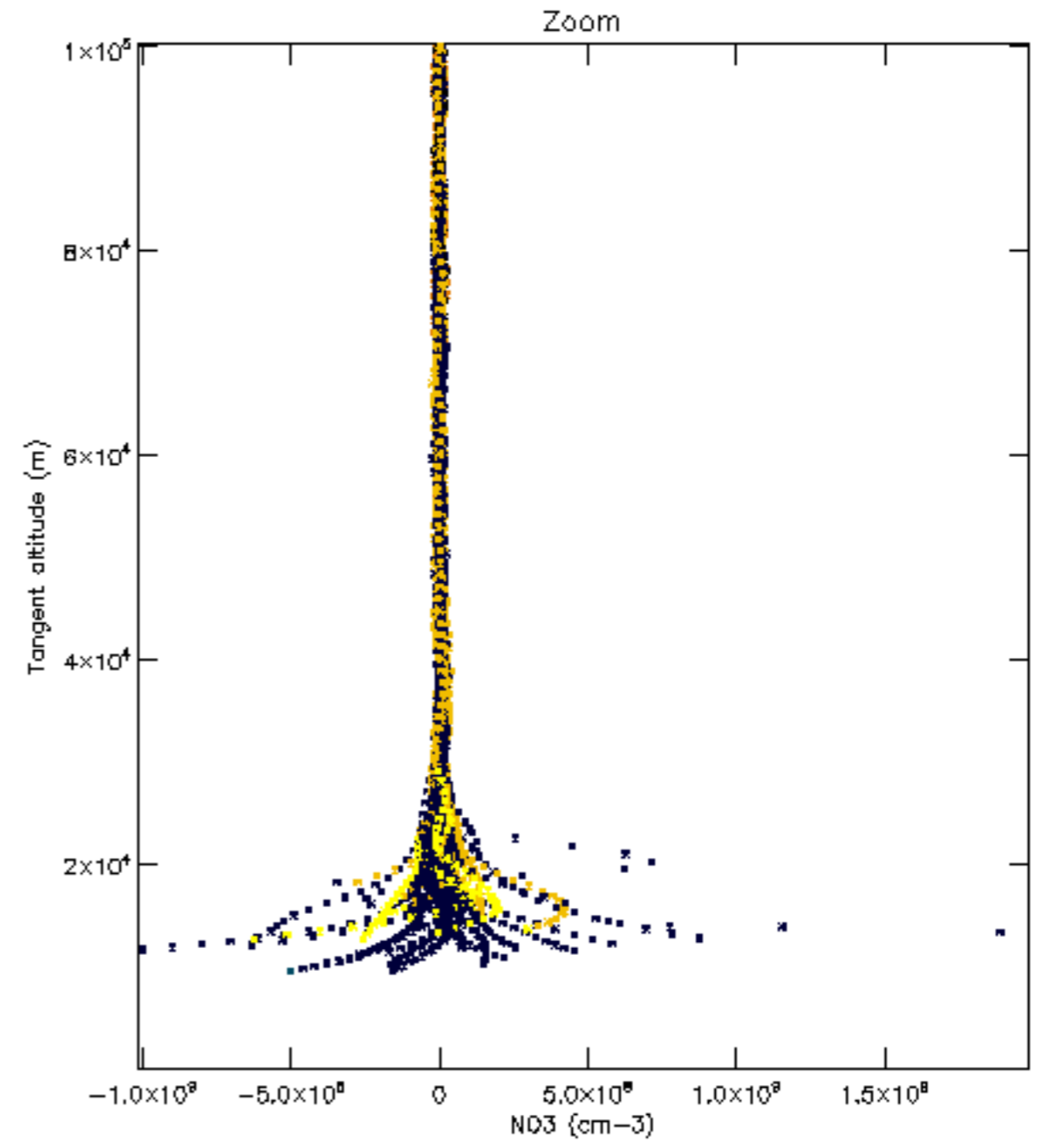
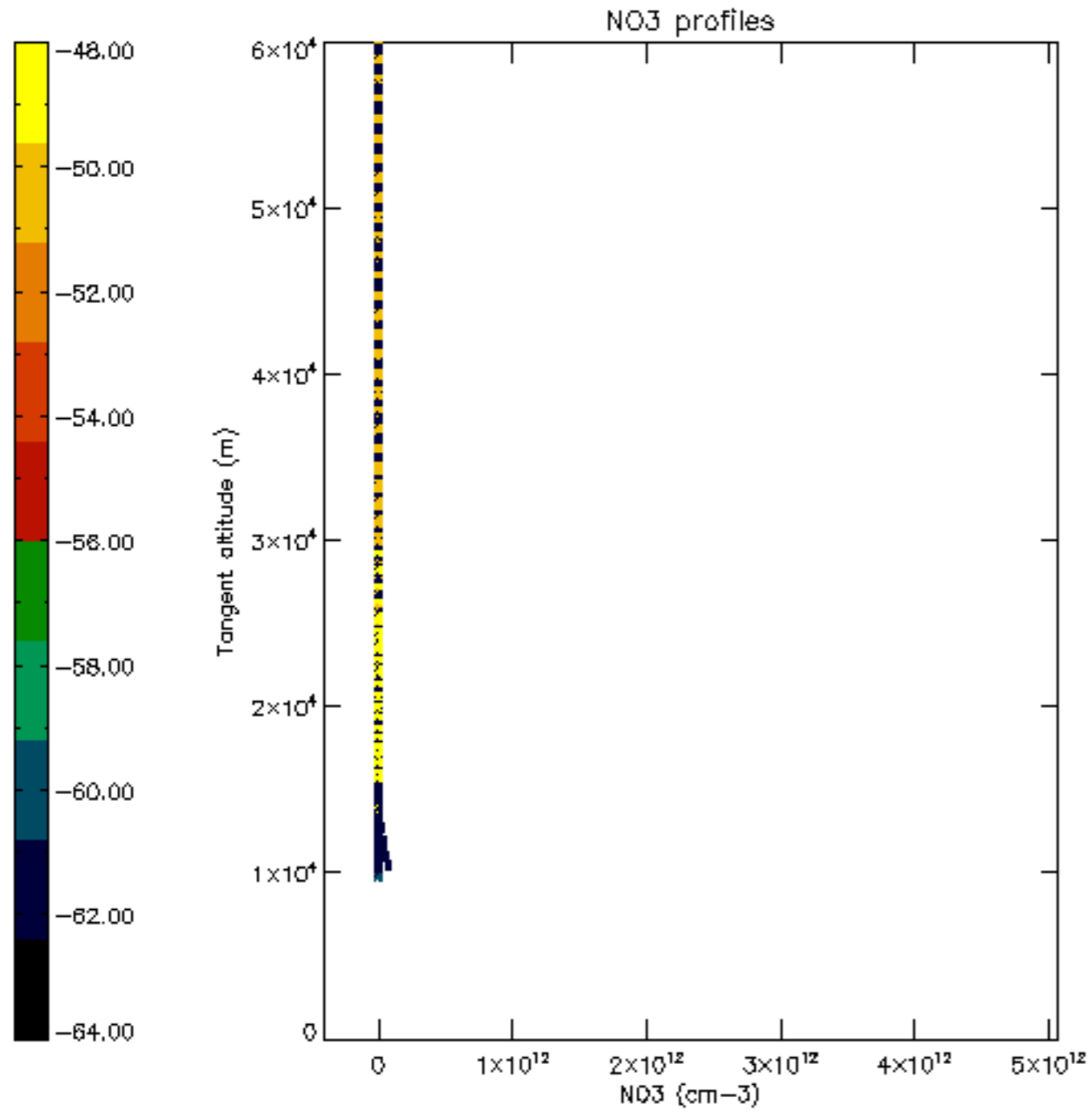


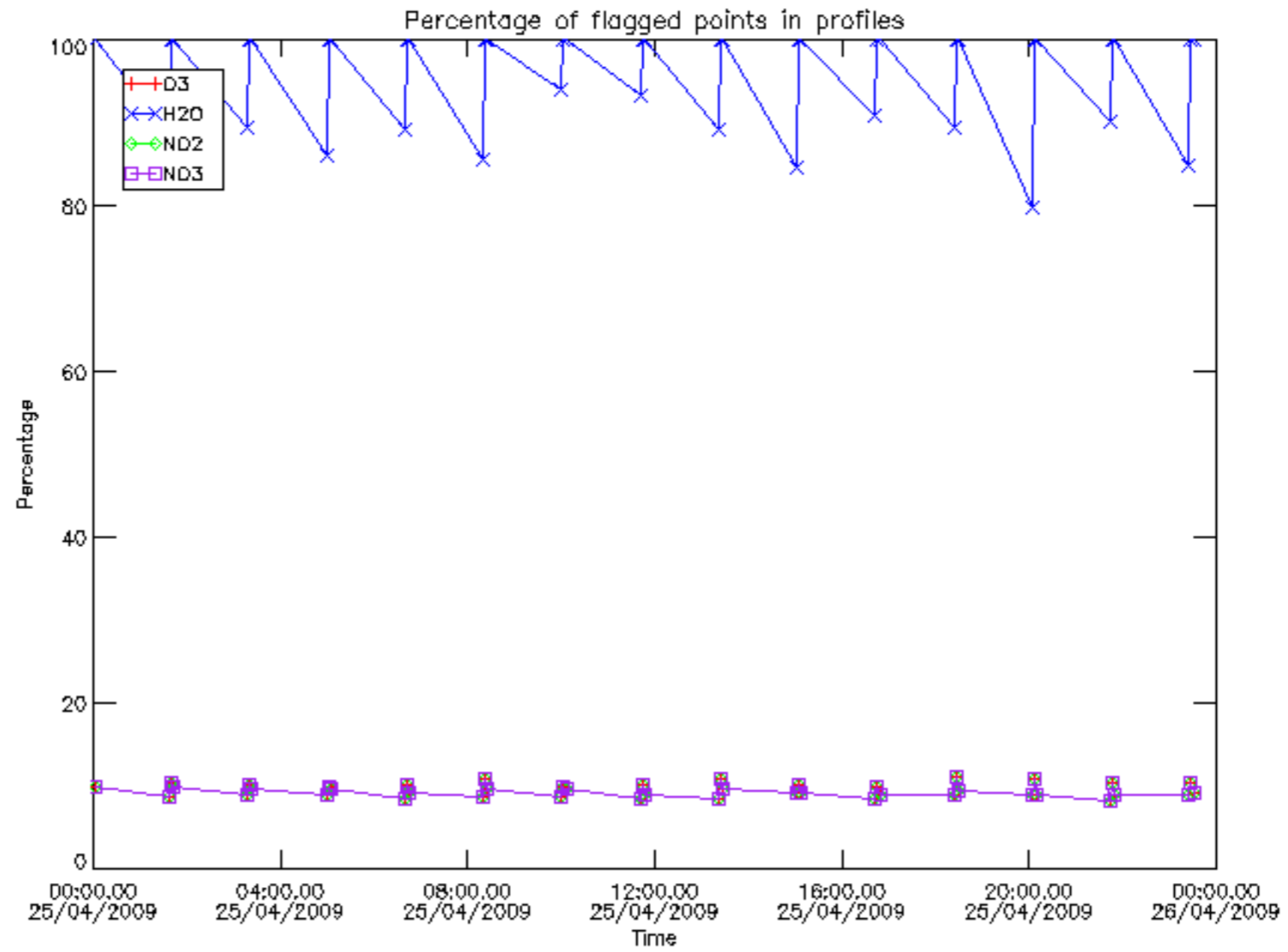




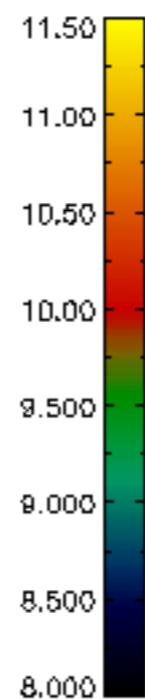
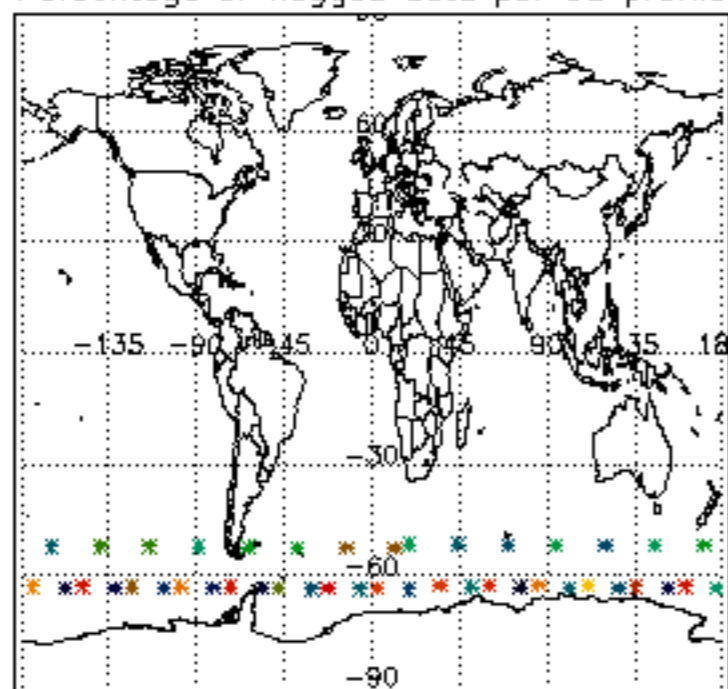




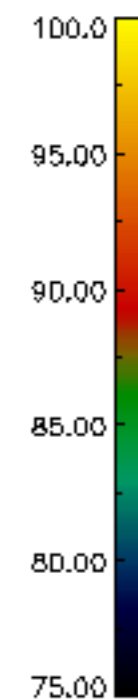
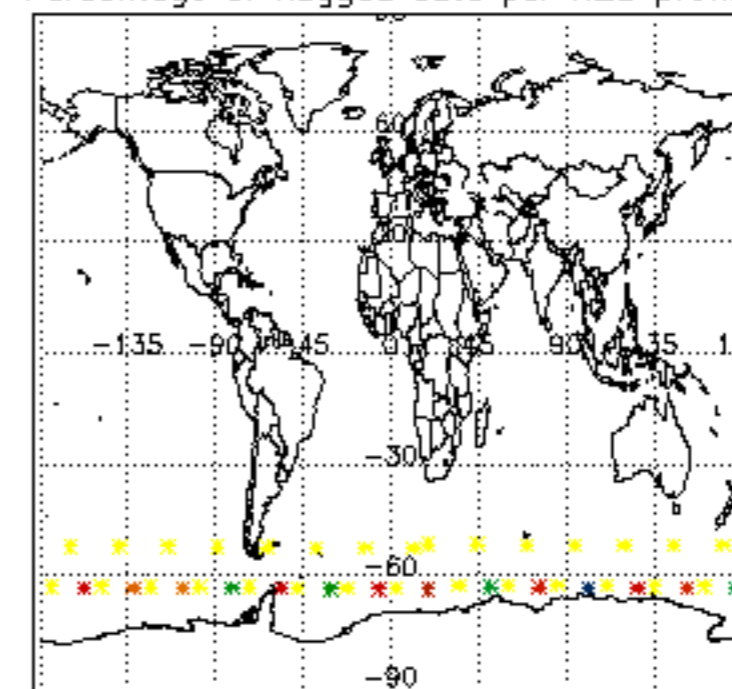




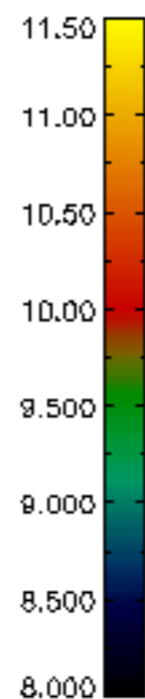
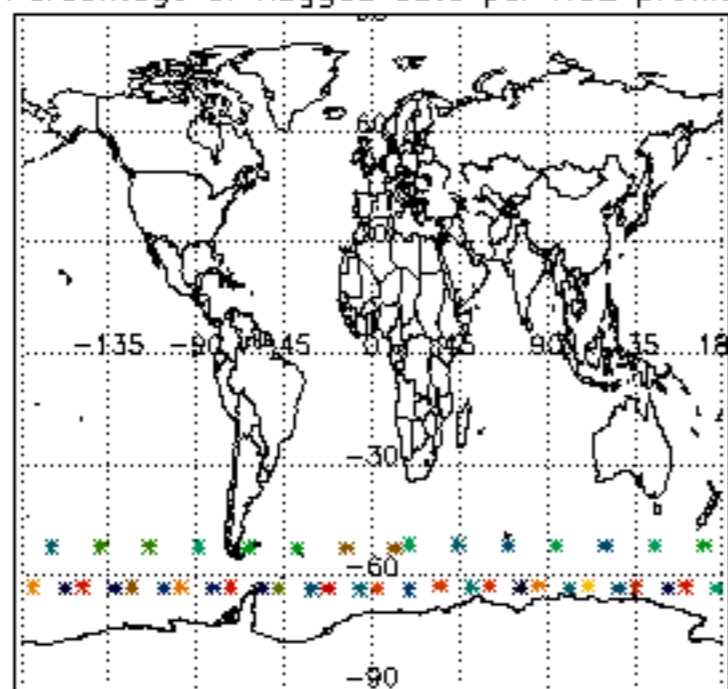
Percentage of flagged data per D3 profile



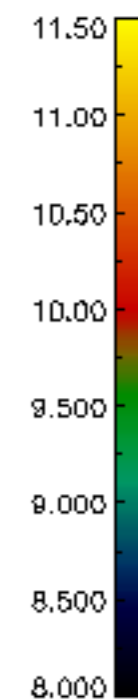
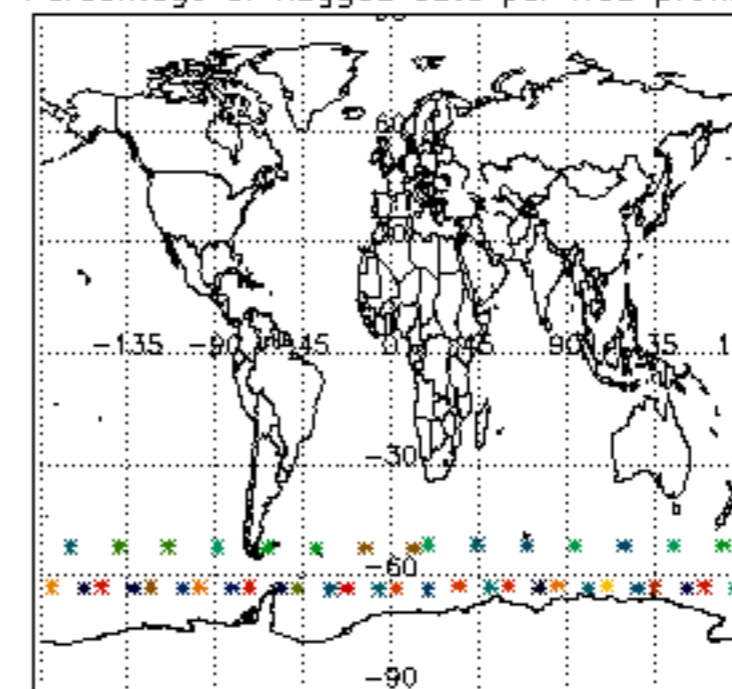
Percentage of flagged data per H2O profile

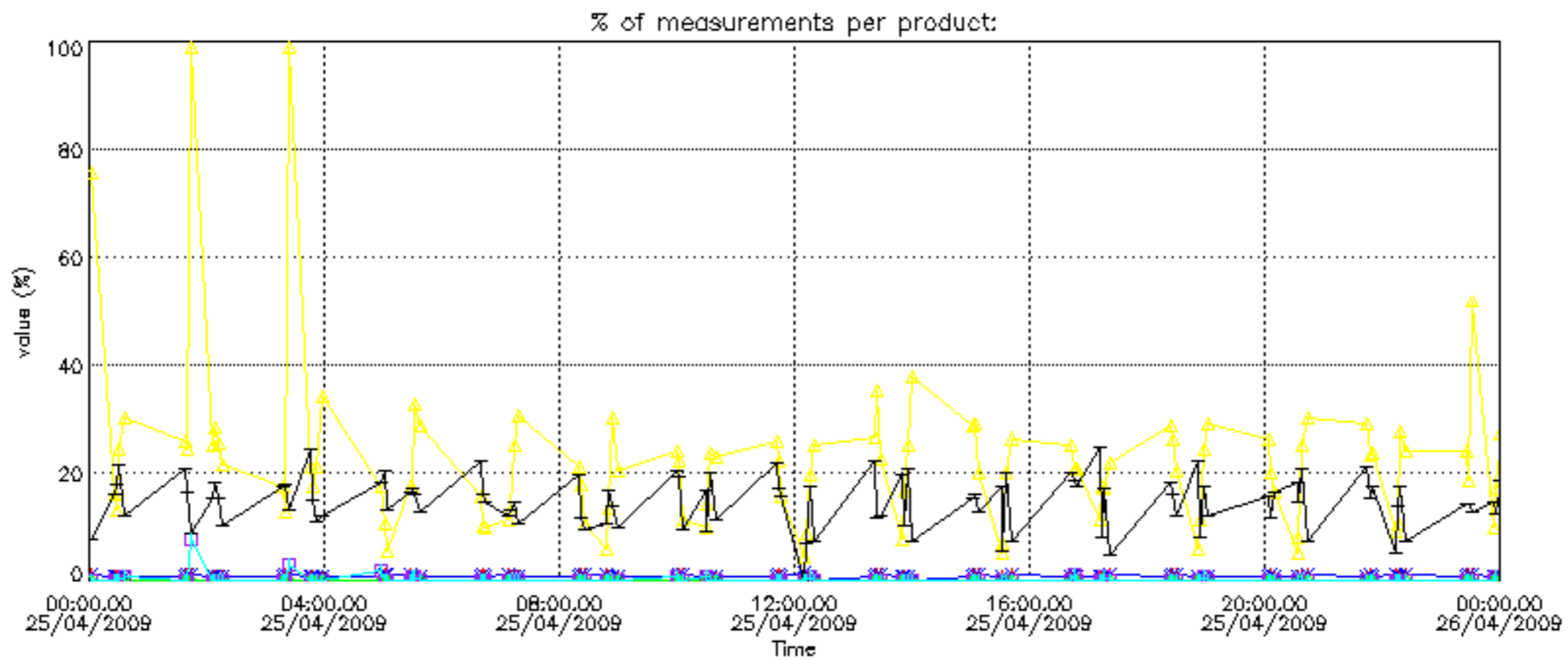


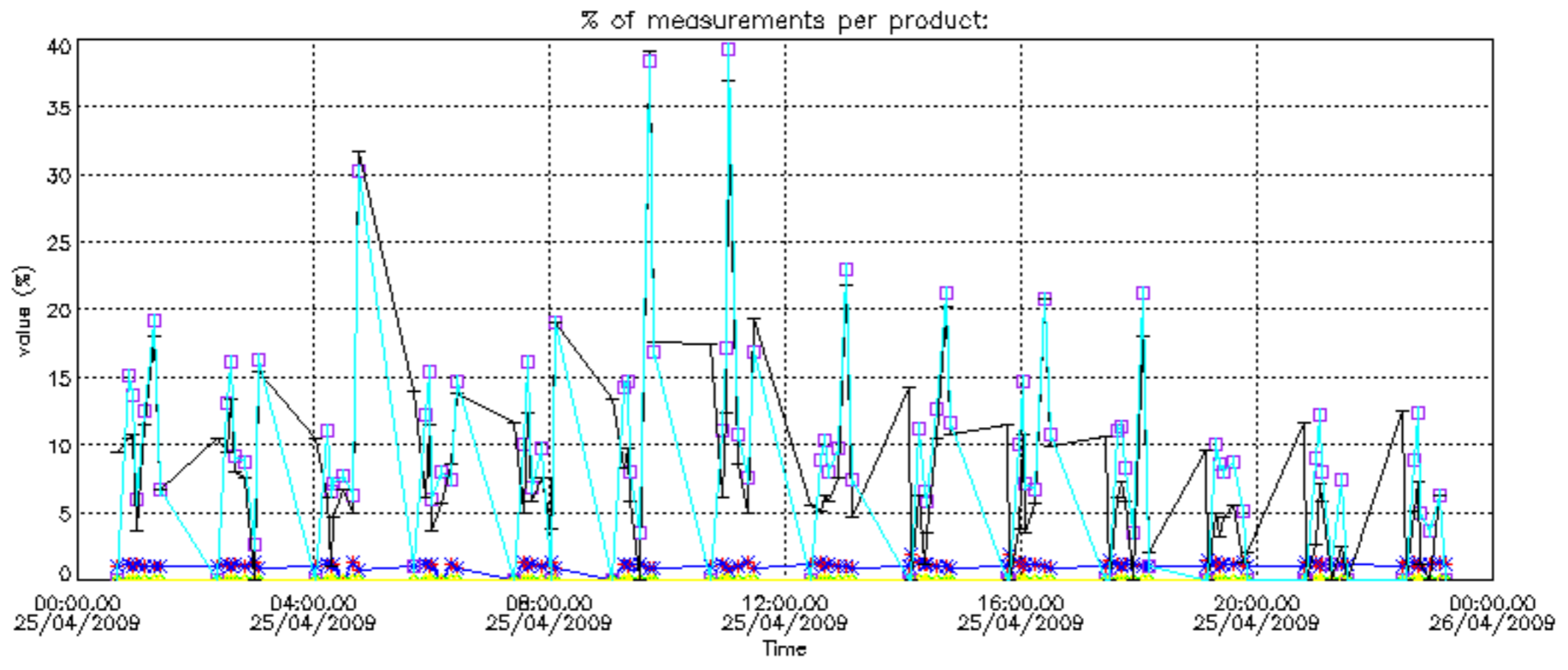
Percentage of flagged data per NO2 profile



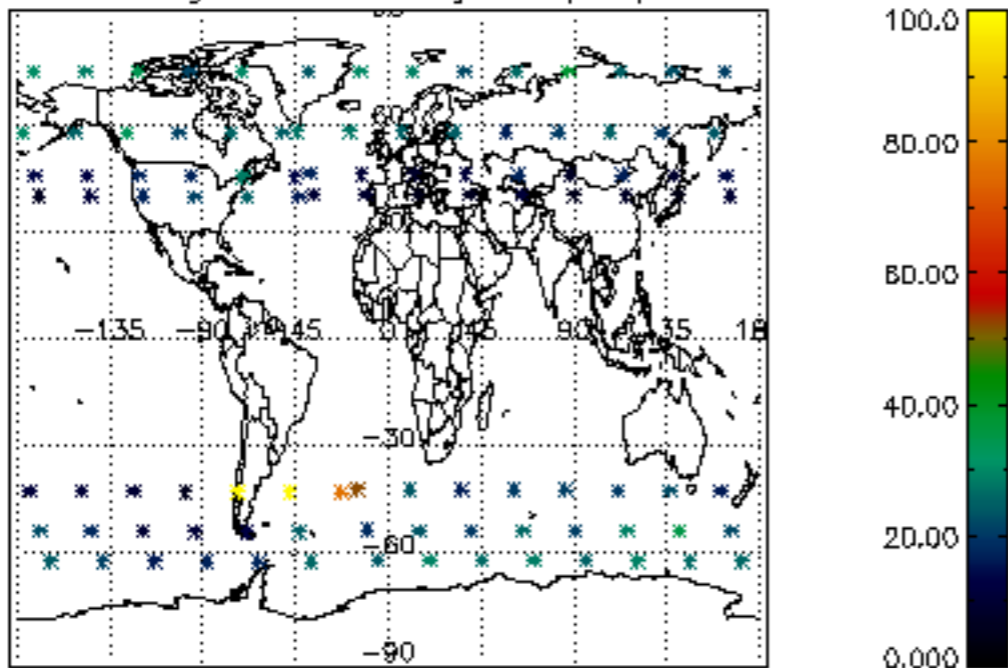
Percentage of flagged data per NO3 profile



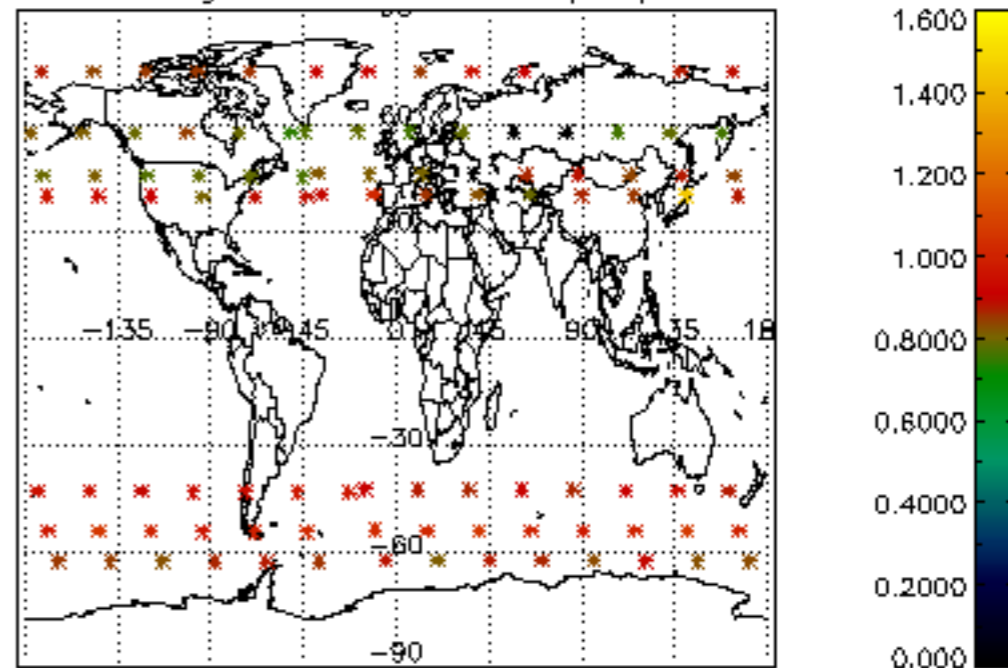




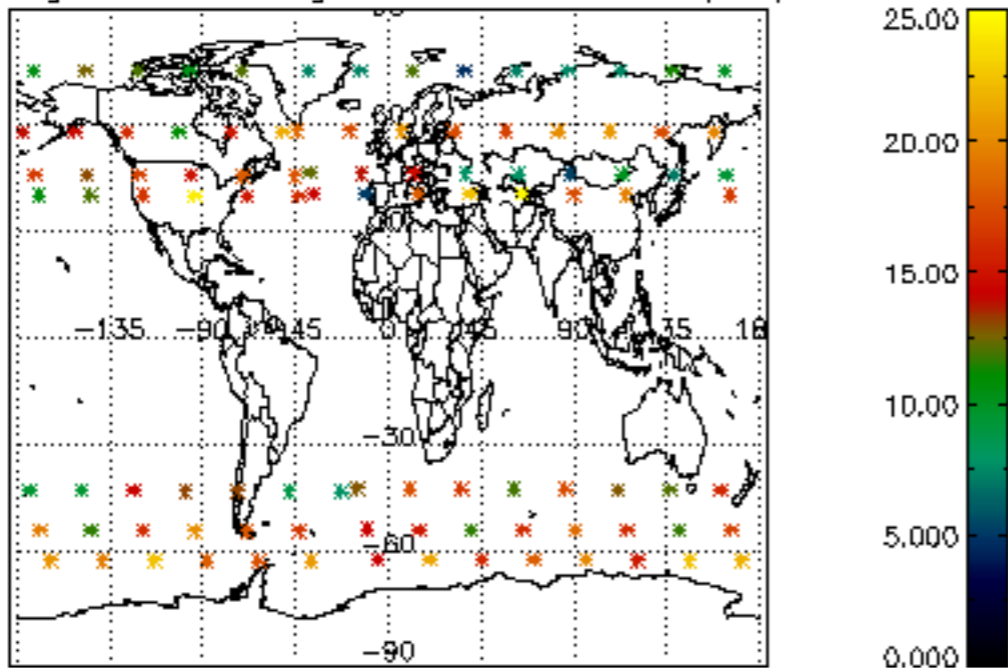
Percentage of cosmic ray hits per profile



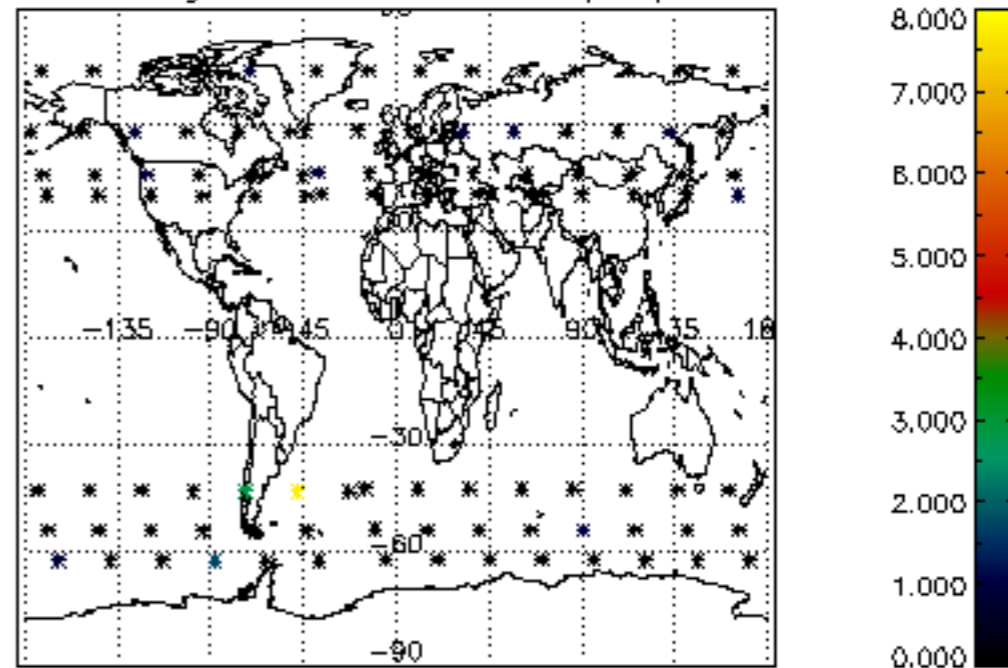
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

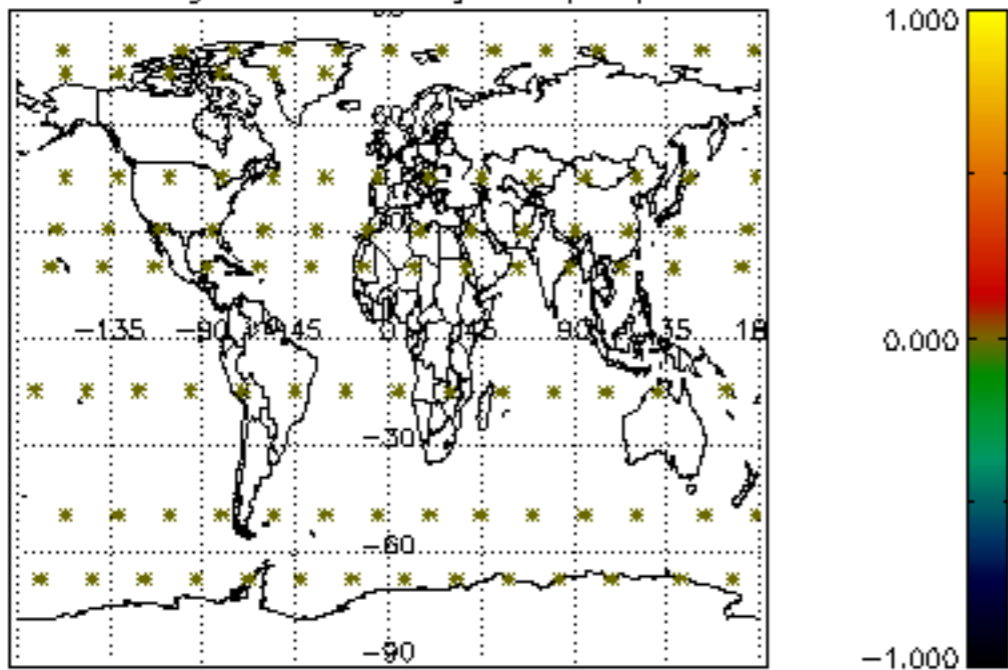


Percentage of saturation errors per profile

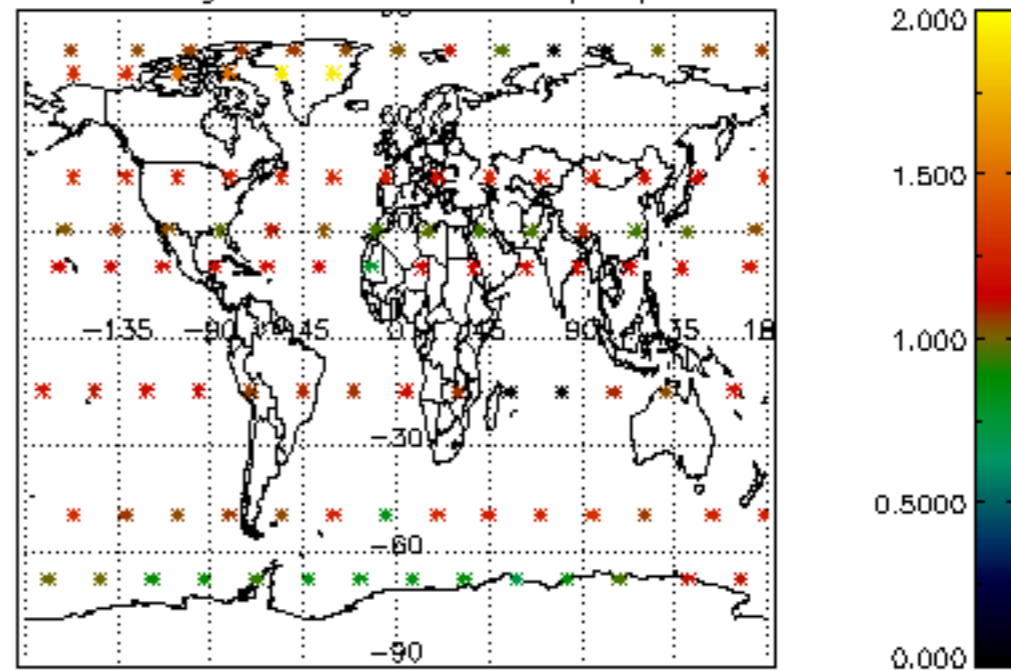




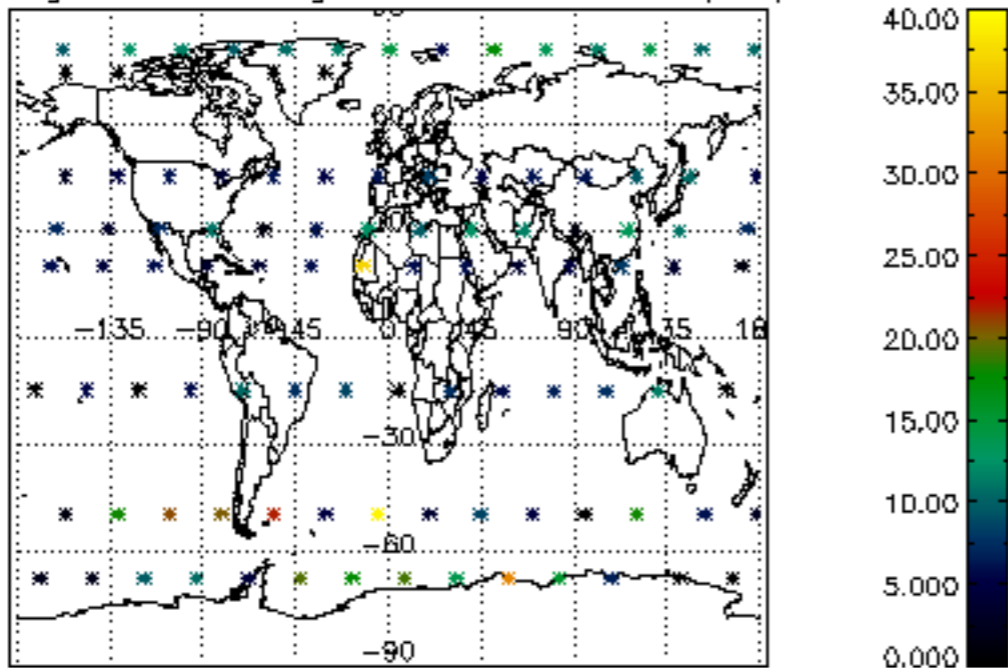
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

