

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 09:14:30
Data source version	GOMOS/6.01
Start time of products	03-05-2009 (03MAY2009 00:00:00)
Stop time of products	04-05-2009 (04MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
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__2PRFIN20090503_000330_000000422078_00374_37502_2015.N1	03-MAY-2009 00:03:30	Bright	41.500	83		2.3780	11000.	83	37502	No
2	GOM_NL__2PRFIN20090503_000632_000000422078_00374_37502_2016.N1	03-MAY-2009 00:06:32	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37502	No
3	GOM_NL__2PRFIN20090503_001601_000000432078_00374_37502_2017.N1	03-MAY-2009 00:16:01	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37502	No
4	GOM_NL__2PRFIN20090503_002628_000000372078_00374_37502_2018.N1	03-MAY-2009 00:26:28	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37502	No
5	GOM_NL__2PRFIN20090503_003802_000000352078_00374_37502_2019.N1	03-MAY-2009 00:38:02	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37502	No
6	GOM_NL__2PRFIN20090503_004931_000000442078_00374_37502_2020.N1	03-MAY-2009 00:49:31	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37502	No
7	GOM_NL__2PRFIN20090503_011618_000000492078_00375_37503_2025.N1	03-MAY-2009 01:16:18	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37503	No
8	GOM_NL__2PRFIN20090503_011805_000000542078_00375_37503_2026.N1	03-MAY-2009 01:18:05	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37503	No
9	GOM_NL__2PRFIN20090503_012106_000000502078_00375_37503_2027.N1	03-MAY-2009 01:21:06	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37503	No
10	GOM_NL__2PRFIN20090503_012445_000000522078_00375_37503_2028.N1	03-MAY-2009 01:24:45	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37503	No
11	GOM_NL__2PRFIN20090503_012654_000000482078_00375_37503_2029.N1	03-MAY-2009 01:26:54	Twi_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37503	No
12	GOM_NL__2PRFIN20090503_014405_000000472078_00375_37503_2030.N1	03-MAY-2009 01:44:05	Bright	46.500	83		2.3780	11000.	93	37503	No
13	GOM_NL__2PRFIN20090503_014707_000000402078_00375_37503_2031.N1	03-MAY-2009 01:47:07	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37503	No
14	GOM_NL__2PRFIN20090503_015636_000000412078_00375_37503_2032.N1	03-MAY-2009 01:56:36	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37503	No
15	GOM_NL__2PRFIN20090503_020703_000000362078_00375_37503_2033.N1	03-MAY-2009 02:07:03	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37503	No
16	GOM_NL__2PRFIN20090503_021838_000000352078_00375_37503_2034.N1	03-MAY-2009 02:18:38	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37503	No
17	GOM_NL__2PRFIN20090503_023008_000000452078_00375_37503_2035.N1	03-MAY-2009 02:30:08	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	37503	No
18	GOM_NL__2PRFIN20090503_023556_000000482078_00375_37503_2036.N1	03-MAY-2009 02:35:56	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	37503	No
19	GOM_NL__2PRFIN20090503_025655_000000502078_00376_37504_2040.N1	03-MAY-2009 02:56:55	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37504	No
20	GOM_NL__2PRFIN20090503_025842_000000542078_00376_37504_2041.N1	03-MAY-2009 02:58:42	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37504	No
21	GOM_NL__2PRFIN20090503_030143_000000502078_00376_37504_2042.N1	03-MAY-2009 03:01:43	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37504	No
22	GOM_NL__2PRFIN20090503_030521_000000532078_00376_37504_2043.N1	03-MAY-2009 03:05:21	Twi_and_stray	52.500	16	21Alp Sco	1.0200	3000.0	105	37504	No
23	GOM_NL__2PRFIN20090503_030730_000000492078_00376_37504_2044.N1	03-MAY-2009 03:07:30	Twi_and_stray	48.500	80	7Del Sco	2.3160	30000.	97	37504	No
24	GOM_NL__2PRFIN20090503_032440_000000442078_00376_37504_2045.N1	03-MAY-2009 03:24:40	Bright	44.000	83		2.3780	11000.	88	37504	No
25	GOM_NL__2PRFIN20090503_032742_000000492078_00376_37504_2046.N1	03-MAY-2009 03:27:42	Bright	49.000	180	27Gam Boo	3.0400	8000.0	98	37504	No
26	GOM_NL__2PRFIN20090503_033712_000000432078_00376_37504_2047.N1	03-MAY-2009 03:37:12	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37504	No
27	GOM_NL__2PRFIN20090503_034739_000000372078_00376_37504_2048.N1	03-MAY-2009 03:47:39	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37504	No
28	GOM_NL__2PRFIN20090503_035914_000000352078_00376_37504_2049.N1	03-MAY-2009 03:59:14	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37504	No
29	GOM_NL__2PRFIN20090503_041045_000000452078_00376_37504_2050.N1	03-MAY-2009 04:10:45	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	37504	No
30	GOM_NL__2PRFIN20090503_041632_000000482078_00376_37504_2051.N1	03-MAY-2009 04:16:32	Dark	48.000	142	49Del Cap	2.8500	8900.0	96	37504	No
31	GOM_NL__2PRFIN20090503_043732_000000492078_00377_37505_2054.N1	03-MAY-2009 04:37:32	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37505	No
32	GOM_NL__2PRFIN20090503_043919_000000542078_00377_37505_2055.N1	03-MAY-2009 04:39:19	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37505	No
33	GOM_NL__2PRFIN20090503_044219_000000502078_00377_37505_2056.N1	03-MAY-2009 04:42:19	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37505	No
34	GOM_NL__2PRFIN20090503_044558_000000522078_00377_37505_2057.N1	03-MAY-2009 04:45:58	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37505	No
35	GOM_NL__2PRFIN20090503_044806_000000482078_00377_37505_2058.N1	03-MAY-2009 04:48:06	Twi_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37505	No
36	GOM_NL__2PRFIN20090503_050516_000000472078_00377_37505_2059.N1	03-MAY-2009 05:05:16	Bright	47.000	83		2.3780	11000.	94	37505	No
37	GOM_NL__2PRFIN20090503_050818_000000422078_00377_37505_2060.N1	03-MAY-2009 05:08:18	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37505	No
38	GOM_NL__2PRFIN20090503_051747_000000432078_00377_37505_2061.N1	03-MAY-2009 05:17:47	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37505	No
39	GOM_NL__2PRFIN20090503_052815_000000372078_00377_37505_2062.N1	03-MAY-2009 05:28:15	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37505	No
40	GOM_NL__2PRFIN20090503_053950_000000352078_00377_37505_2063.N1	03-MAY-2009 05:39:50	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37505	No
41	GOM_NL__2PRFIN20090503_055122_000000452078_00377_37505_2064.N1	03-MAY-2009 05:51:22	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37505	No
42	GOM_NL__2PRFIN20090503_055710_000000482078_00377_37505_2065.N1	03-MAY-2009 05:57:10	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	37505	No

43	GOM_NL__2PRFIN20090503_061808_000000492078_00378_37506_2067.N1	03-MAY-2009 06:18:08	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37506	No
44	GOM_NL__2PRFIN20090503_061956_000000532078_00378_37506_2068.N1	03-MAY-2009 06:19:56	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37506	No
45	GOM_NL__2PRFIN20090503_062256_000000502078_00378_37506_2069.N1	03-MAY-2009 06:22:56	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37506	No
46	GOM_NL__2PRFIN20090503_062634_000000522078_00378_37506_2070.N1	03-MAY-2009 06:26:34	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37506	No
47	GOM_NL__2PRFIN20090503_062843_000000482078_00378_37506_2071.N1	03-MAY-2009 06:28:43	Twi_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37506	No
48	GOM_NL__2PRFIN20090503_064551_000000462078_00378_37506_2072.N1	03-MAY-2009 06:45:51	Bright	46.000	83		2.3780	11000.	92	37506	No
49	GOM_NL__2PRFIN20090503_064854_000000402078_00378_37506_2073.N1	03-MAY-2009 06:48:54	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37506	No
50	GOM_NL__2PRFIN20090503_065823_000000412078_00378_37506_2074.N1	03-MAY-2009 06:58:23	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37506	No
51	GOM_NL__2PRFIN20090503_070850_000000372078_00378_37506_2075.N1	03-MAY-2009 07:08:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37506	No
52	GOM_NL__2PRFIN20090503_072026_000000352078_00378_37506_2076.N1	03-MAY-2009 07:20:26	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37506	No
53	GOM_NL__2PRFIN20090503_073159_000000452078_00378_37506_2077.N1	03-MAY-2009 07:31:59	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37506	No
54	GOM_NL__2PRFIN20090503_075845_000000492078_00379_37507_2081.N1	03-MAY-2009 07:58:45	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37507	No
55	GOM_NL__2PRFIN20090503_080033_000000542078_00379_37507_2082.N1	03-MAY-2009 08:00:33	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37507	No
56	GOM_NL__2PRFIN20090503_080333_000000492078_00379_37507_2083.N1	03-MAY-2009 08:03:33	Straylight	49.000	75	26Eps Sco	2.2910	4250.0	98	37507	No
57	GOM_NL__2PRFIN20090503_080710_000000522078_00379_37507_2084.N1	03-MAY-2009 08:07:10	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37507	No
58	GOM_NL__2PRFIN20090503_080919_000000482078_00379_37507_2085.N1	03-MAY-2009 08:09:19	Twi_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	37507	No
59	GOM_NL__2PRFIN20090503_082627_000000422078_00379_37507_2086.N1	03-MAY-2009 08:26:27	Bright	42.000	83		2.3780	11000.	84	37507	No
60	GOM_NL__2PRFIN20090503_082929_000000422078_00379_37507_2087.N1	03-MAY-2009 08:29:29	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37507	No
61	GOM_NL__2PRFIN20090503_083858_000000432078_00379_37507_2088.N1	03-MAY-2009 08:38:58	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37507	No
62	GOM_NL__2PRFIN20090503_084926_000000372078_00379_37507_2089.N1	03-MAY-2009 08:49:26	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37507	No
63	GOM_NL__2PRFIN20090503_090102_000000352078_00379_37507_2090.N1	03-MAY-2009 09:01:02	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37507	No
64	GOM_NL__2PRFIN20090503_091235_000000452078_00379_37507_2091.N1	03-MAY-2009 09:12:35	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37507	No
65	GOM_NL__2PRFIN20090503_093922_000000492078_00380_37508_2095.N1	03-MAY-2009 09:39:22	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37508	No
66	GOM_NL__2PRFIN20090503_094110_000000532078_00380_37508_2096.N1	03-MAY-2009 09:41:10	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37508	No
67	GOM_NL__2PRFIN20090503_094409_000000492078_00380_37508_2097.N1	03-MAY-2009 09:44:09	Straylight	49.000	75	26Eps Sco	2.2910	4250.0	98	37508	No
68	GOM_NL__2PRFIN20090503_094747_000000522078_00380_37508_2098.N1	03-MAY-2009 09:47:47	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37508	No
69	GOM_NL__2PRFIN20090503_094955_000000482078_00380_37508_2099.N1	03-MAY-2009 09:49:55	Twi_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37508	No
70	GOM_NL__2PRFIN20090503_095511_000000452078_00380_37508_2100.N1	03-MAY-2009 09:55:11	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	37508	No
71	GOM_NL__2PRFIN20090503_100702_000000482078_00380_37508_2101.N1	03-MAY-2009 10:07:02	Bright	48.000	83		2.3780	11000.	96	37508	No
72	GOM_NL__2PRFIN20090503_101005_000000402078_00380_37508_2102.N1	03-MAY-2009 10:10:05	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37508	No
73	GOM_NL__2PRFIN20090503_101933_000000442078_00380_37508_2103.N1	03-MAY-2009 10:19:33	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37508	No
74	GOM_NL__2PRFIN20090503_103001_000000372078_00380_37508_2104.N1	03-MAY-2009 10:30:01	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37508	No
75	GOM_NL__2PRFIN20090503_104138_000000352078_00380_37508_2105.N1	03-MAY-2009 10:41:38	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37508	No
76	GOM_NL__2PRFIN20090503_105312_000000452078_00380_37508_2106.N1	03-MAY-2009 10:53:12	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37508	No
77	GOM_NL__2PRFIN20090503_111959_000000492078_00381_37509_2109.N1	03-MAY-2009 11:19:59	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37509	No
78	GOM_NL__2PRFIN20090503_112146_000000532078_00381_37509_2110.N1	03-MAY-2009 11:21:46	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37509	No
79	GOM_NL__2PRFIN20090503_112445_000000502078_00381_37509_2111.N1	03-MAY-2009 11:24:45	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37509	No
80	GOM_NL__2PRFIN20090503_112823_000000522078_00381_37509_2112.N1	03-MAY-2009 11:28:23	Twi_and_stray	51.500	16	21Alp Sco	1.0200	3000.0	103	37509	No
81	GOM_NL__2PRFIN20090503_113031_000000472078_00381_37509_2113.N1	03-MAY-2009 11:30:31	Twi_and_stray	47.000	80	7Del Sco	2.3160	30000.	94	37509	No
82	GOM_NL__2PRFIN20090503_113547_000000442078_00381_37509_2114.N1	03-MAY-2009 11:35:47	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	37509	No
83	GOM_NL__2PRFIN20090503_114738_000000422078_00381_37509_2115.N1	03-MAY-2009 11:47:38	Bright	41.500	83		2.3780	11000.	83	37509	No
84	GOM_NL__2PRFIN20090503_115040_000000402078_00381_37509_2116.N1	03-MAY-2009 11:50:40	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37509	No
85	GOM_NL__2PRFIN20090503_120008_000000442078_00381_37509_2117.N1	03-MAY-2009 12:00:08	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37509	No
86	GOM_NL__2PRFIN20090503_121037_000000372078_00381_37509_2118.N1	03-MAY-2009 12:10:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37509	No
87	GOM_NL__2PRFIN20090503_122214_000000352078_00381_37509_2119.N1	03-MAY-2009 12:22:14	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37509	No
88	GOM_NL__2PRFIN20090503_123349_000000452078_00381_37509_2120.N1	03-MAY-2009 12:33:49	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	37509	No
89	GOM_NL__2PRFIN20090503_130036_000000492078_00382_37510_2123.N1	03-MAY-2009 13:00:36	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37510	No
90	GOM_NL__2PRFIN20090503_130223_000000542078_00382_37510_2124.N1	03-MAY-2009 13:02:23	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37510	No
91	GOM_NL__2PRFIN20090503_130522_000000502078_00382_37510_2125.N1	03-MAY-2009 13:05:22	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37510	No
92	GOM_NL__2PRFIN20090503_130900_000000512078_00382_37510_2126.N1	03-MAY-2009 13:09:00	Twi_and_stray	51.000	16	21Alp Sco	1.0200	3000.0	102	37510	No
93	GOM_NL__2PRFIN20090503_131107_000000472078_00382_37510_2127.N1	03-MAY-2009 13:11:07	Twi_and_stray	47.000	80	7Del Sco	2.3160	30000.	94	37510	No
94	GOM_NL__2PRFIN20090503_131623_000000452078_00382_37510_2128.N1	03-MAY-2009 13:16:23	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	37510	No
95	GOM_NL__2PRFIN20090503_132813_000000422078_00382_37510_2129.N1	03-MAY-2009 13:28:13	Bright	42.000	83		2.3780	11000.	84	37510	No
96	GOM_NL__2PRFIN20090503_133116_000000402078_00382_37510_2130.N1	03-MAY-2009 13:31:16	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37510	No
97	GOM_NL__2PRFIN20090503_134043_000000422078_00382_37510_2131.N1	03-MAY-2009 13:40:43	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37510	No
98	GOM_NL__2PRFIN20090503_135113_000000372078_00382_37510_2132.N1	03-MAY-2009 13:51:13	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37510	No
99	GOM_NL__2PRFIN20090503_140251_000000352078_00382_37510_2133.N1	03-MAY-2009 14:02:51	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37510	No
100	GOM_NL__2PRFIN20090503_141426_000000452078_00382_37510_2134.N1	03-MAY-2009 14:14:26	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37510	No
101	GOM_NL__2PRFIN20090503_144112_000000492078_00383_37511_2137.N1	03-MAY-2009 14:41:12	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37511	No

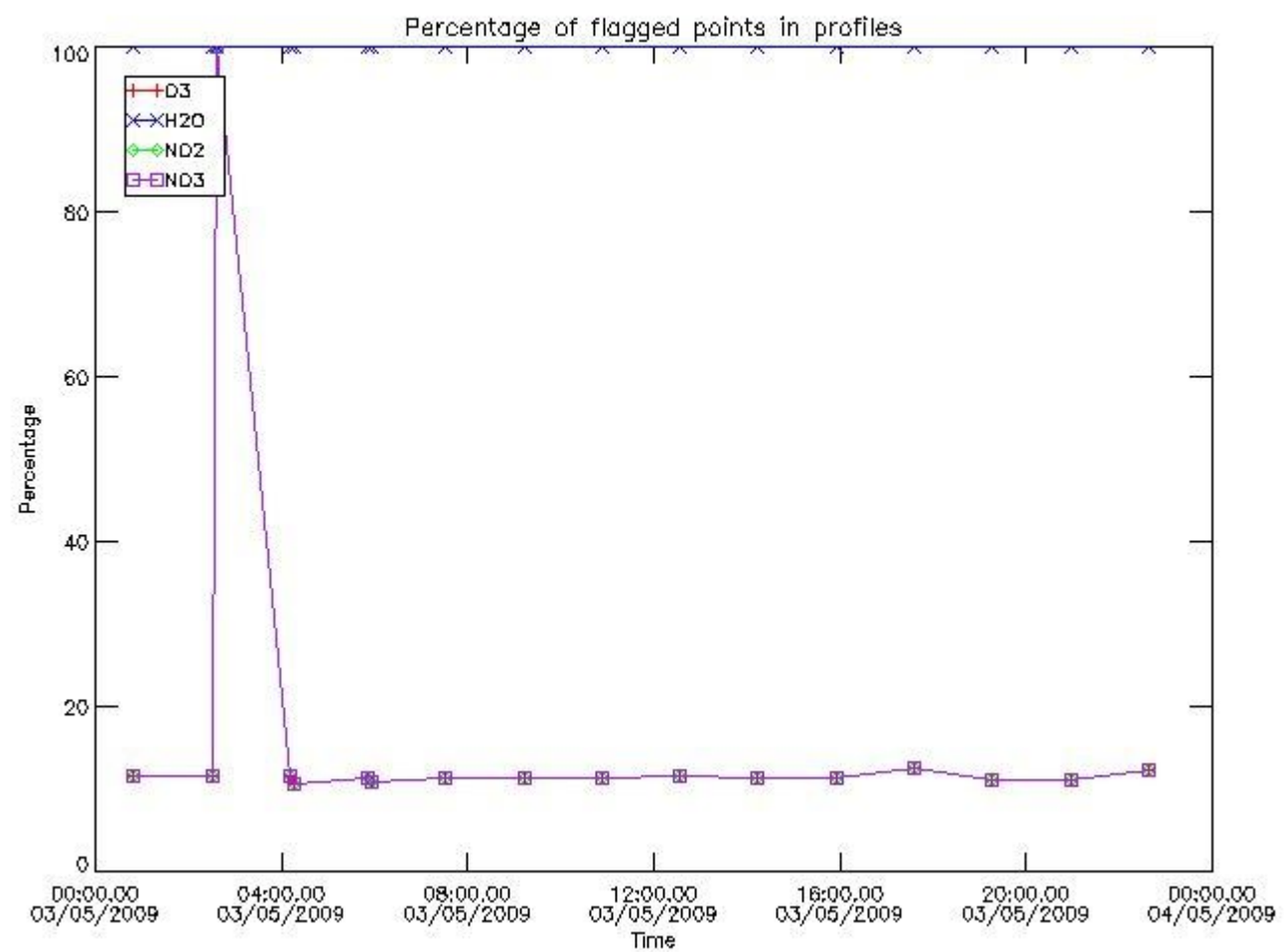
102	GOM_NL__2PRFIN20090503_144300_000000532078_00383_37511_2138.N1	03-MAY-2009 14:43:00	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37511	No
103	GOM_NL__2PRFIN20090503_144558_000000502078_00383_37511_2139.N1	03-MAY-2009 14:45:58	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37511	No
104	GOM_NL__2PRFIN20090503_144936_000000522078_00383_37511_2140.N1	03-MAY-2009 14:49:36	Twilight_and_stray	51.500	16	21Alp Sco	1.0200	3000.0	103	37511	No
105	GOM_NL__2PRFIN20090503_145144_000000482078_00383_37511_2141.N1	03-MAY-2009 14:51:44	Twilight_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	37511	No
106	GOM_NL__2PRFIN20090503_145658_000000472078_00383_37511_2142.N1	03-MAY-2009 14:56:58	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37511	No
107	GOM_NL__2PRFIN20090503_150849_000000452078_00383_37511_2143.N1	03-MAY-2009 15:08:49	Bright	44.500	83		2.3780	11000.	89	37511	No
108	GOM_NL__2PRFIN20090503_151152_000000412078_00383_37511_2144.N1	03-MAY-2009 15:11:52	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37511	No
109	GOM_NL__2PRFIN20090503_152119_000000442078_00383_37511_2145.N1	03-MAY-2009 15:21:19	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37511	No
110	GOM_NL__2PRFIN20090503_153149_000000372078_00383_37511_2146.N1	03-MAY-2009 15:31:49	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37511	No
111	GOM_NL__2PRFIN20090503_154327_000000352078_00383_37511_2147.N1	03-MAY-2009 15:43:27	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37511	No
112	GOM_NL__2PRFIN20090503_155503_000000452078_00383_37511_2148.N1	03-MAY-2009 15:55:03	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37511	No
113	GOM_NL__2PRFIN20090503_162149_000000492078_00384_37512_2167.N1	03-MAY-2009 16:21:49	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37512	No
114	GOM_NL__2PRFIN20090503_162337_000000532078_00384_37512_2168.N1	03-MAY-2009 16:23:37	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37512	No
115	GOM_NL__2PRFIN20090503_162635_000000502078_00384_37512_2169.N1	03-MAY-2009 16:26:35	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37512	No
116	GOM_NL__2PRFIN20090503_163012_000000522078_00384_37512_2170.N1	03-MAY-2009 16:30:12	Twilight_and_stray	51.500	16	21Alp Sco	1.0200	3000.0	103	37512	No
117	GOM_NL__2PRFIN20090503_163220_000000482078_00384_37512_2171.N1	03-MAY-2009 16:32:20	Twilight_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	37512	No
118	GOM_NL__2PRFIN20090503_163734_000000452078_00384_37512_2172.N1	03-MAY-2009 16:37:34	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	37512	No
119	GOM_NL__2PRFIN20090503_164924_000000472078_00384_37512_2173.N1	03-MAY-2009 16:49:24	Bright	47.000	83		2.3780	11000.	94	37512	No
120	GOM_NL__2PRFIN20090503_165227_000000412078_00384_37512_2174.N1	03-MAY-2009 16:52:27	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37512	No
121	GOM_NL__2PRFIN20090503_170154_000000432078_00384_37512_2175.N1	03-MAY-2009 17:01:54	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37512	No
122	GOM_NL__2PRFIN20090503_171224_000000372078_00384_37512_2176.N1	03-MAY-2009 17:12:24	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37512	No
123	GOM_NL__2PRFIN20090503_172403_000000352078_00384_37512_2177.N1	03-MAY-2009 17:24:03	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37512	No
124	GOM_NL__2PRFIN20090503_173540_000000452078_00384_37512_2178.N1	03-MAY-2009 17:35:40	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37512	No
125	GOM_NL__2PRFIN20090503_180226_000000492078_00385_37513_2187.N1	03-MAY-2009 18:02:26	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37513	No
126	GOM_NL__2PRFIN20090503_180414_000000542078_00385_37513_2188.N1	03-MAY-2009 18:04:14	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37513	No
127	GOM_NL__2PRFIN20090503_180712_000000502078_00385_37513_2189.N1	03-MAY-2009 18:07:12	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37513	No
128	GOM_NL__2PRFIN20090503_181049_000000522078_00385_37513_2190.N1	03-MAY-2009 18:10:49	Twilight_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37513	No
129	GOM_NL__2PRFIN20090503_181256_000000482078_00385_37513_2191.N1	03-MAY-2009 18:12:56	Twilight_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37513	No
130	GOM_NL__2PRFIN20090503_181810_000000462078_00385_37513_2192.N1	03-MAY-2009 18:18:10	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	37513	No
131	GOM_NL__2PRFIN20090503_183000_000000482078_00385_37513_2193.N1	03-MAY-2009 18:30:00	Bright	48.000	83		2.3780	11000.	96	37513	No
132	GOM_NL__2PRFIN20090503_183303_000000402078_00385_37513_2194.N1	03-MAY-2009 18:33:03	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37513	No
133	GOM_NL__2PRFIN20090503_184230_000000472078_00385_37513_2195.N1	03-MAY-2009 18:42:30	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37513	No
134	GOM_NL__2PRFIN20090503_185300_000000372078_00385_37513_2196.N1	03-MAY-2009 18:53:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37513	No
135	GOM_NL__2PRFIN20090503_190439_000000352078_00385_37513_2197.N1	03-MAY-2009 19:04:39	Twilight_and_stray	35.000	164	44Eta Peg	2.9480	5400.0	70	37513	No
136	GOM_NL__2PRFIN20090503_191617_000000462078_00385_37513_2198.N1	03-MAY-2009 19:16:17	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	37513	No
137	GOM_NL__2PRFIN20090503_194303_000000502078_00386_37514_2206.N1	03-MAY-2009 19:43:03	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37514	No
138	GOM_NL__2PRFIN20090503_194451_000000542078_00386_37514_2207.N1	03-MAY-2009 19:44:51	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37514	No
139	GOM_NL__2PRFIN20090503_194748_000000512078_00386_37514_2208.N1	03-MAY-2009 19:47:48	Straylight	50.500	75	26Eps Sco	2.2910	4250.0	101	37514	No
140	GOM_NL__2PRFIN20090503_195125_000000532078_00386_37514_2209.N1	03-MAY-2009 19:51:25	Twilight_and_stray	52.500	16	21Alp Sco	1.0200	3000.0	105	37514	No
141	GOM_NL__2PRFIN20090503_195332_000000492078_00386_37514_2210.N1	03-MAY-2009 19:53:32	Twilight_and_stray	48.500	80	7Del Sco	2.3160	30000.	97	37514	No
142	GOM_NL__2PRFIN20090503_195846_000000462078_00386_37514_2211.N1	03-MAY-2009 19:58:46	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	37514	No
143	GOM_NL__2PRFIN20090503_201035_000000472078_00386_37514_2212.N1	03-MAY-2009 20:10:35	Bright	46.500	83		2.3780	11000.	93	37514	No
144	GOM_NL__2PRFIN20090503_201338_000000412078_00386_37514_2213.N1	03-MAY-2009 20:13:38	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37514	No
145	GOM_NL__2PRFIN20090503_202305_000000452078_00386_37514_2214.N1	03-MAY-2009 20:23:05	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37514	No
146	GOM_NL__2PRFIN20090503_203335_000000382078_00386_37514_2215.N1	03-MAY-2009 20:33:35	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37514	No
147	GOM_NL__2PRFIN20090503_204515_000000352078_00386_37514_2216.N1	03-MAY-2009 20:45:15	Twilight_and_stray	34.500	164	44Eta Peg	2.9480	5400.0	69	37514	No
148	GOM_NL__2PRFIN20090503_205653_000000462078_00386_37514_2217.N1	03-MAY-2009 20:56:53	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	37514	No
149	GOM_NL__2PRFIN20090503_212340_000000502078_00387_37515_2221.N1	03-MAY-2009 21:23:40	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37515	No
150	GOM_NL__2PRFIN20090503_212528_000000542078_00387_37515_2222.N1	03-MAY-2009 21:25:28	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37515	No
151	GOM_NL__2PRFIN20090503_212825_000000512078_00387_37515_2223.N1	03-MAY-2009 21:28:25	Straylight	50.500	75	26Eps Sco	2.2910	4250.0	101	37515	No
152	GOM_NL__2PRFIN20090503_213201_000000532078_00387_37515_2224.N1	03-MAY-2009 21:32:01	Twilight_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	37515	No
153	GOM_NL__2PRFIN20090503_213408_000000492078_00387_37515_2225.N1	03-MAY-2009 21:34:08	Twilight_and_stray	49.000	80	7Del Sco	2.3160	30000.	98	37515	No
154	GOM_NL__2PRFIN20090503_213922_000000462078_00387_37515_2226.N1	03-MAY-2009 21:39:22	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	37515	No
155	GOM_NL__2PRFIN20090503_215111_000000422078_00387_37515_2227.N1	03-MAY-2009 21:51:11	Bright	41.500	83		2.3780	11000.	83	37515	No
156	GOM_NL__2PRFIN20090503_215413_000000602078_00387_37515_2228.N1	03-MAY-2009 21:54:13	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	37515	No
157	GOM_NL__2PRFIN20090503_220340_000000442078_00387_37515_2229.N1	03-MAY-2009 22:03:40	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37515	No
158	GOM_NL__2PRFIN20090503_221411_000000372078_00387_37515_2230.N1	03-MAY-2009 22:14:11	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37515	No
159	GOM_NL__2PRFIN20090503_222551_000000352078_00387_37515_2231.N1	03-MAY-2009 22:25:51	Twilight_and_stray	35.000	164	44Eta Peg	2.9480	5400.0	70	37515	No
160	GOM_NL__2PRFIN20090503_223730_000000452078_00387_37515_2232.N1	03-MAY-2009 22:37:30	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37515	No

161	GOM_NL__2PRFIN20090503_230416_000000502078_00388_37516_2237.N1	03-MAY-2009 23:04:16	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37516	No
162	GOM_NL__2PRFIN20090503_230604_000000542078_00388_37516_2238.N1	03-MAY-2009 23:06:04	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37516	No
163	GOM_NL__2PRFIN20090503_230901_000000512078_00388_37516_2239.N1	03-MAY-2009 23:09:01	Straylight	50.500	75	26Eps Sco	2.2910	4250.0	101	37516	No
164	GOM_NL__2PRFIN20090503_231238_000000532078_00388_37516_2240.N1	03-MAY-2009 23:12:38	Twilight_stray	52.500	16	21Alp Sco	1.0200	3000.0	105	37516	No
165	GOM_NL__2PRFIN20090503_231445_000000492078_00388_37516_2241.N1	03-MAY-2009 23:14:45	Twilight_stray	48.500	80	7Del Sco	2.3160	30000.	97	37516	No
166	GOM_NL__2PRFIN20090503_231958_000000452078_00388_37516_2242.N1	03-MAY-2009 23:19:58	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	37516	No
167	GOM_NL__2PRFIN20090503_233146_000000412078_00388_37516_2243.N1	03-MAY-2009 23:31:46	Bright	41.000	83		2.3780	11000.	82	37516	No
168	GOM_NL__2PRFIN20090503_233449_000000412078_00388_37516_2244.N1	03-MAY-2009 23:34:49	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37516	No
169	GOM_NL__2PRFIN20090503_234415_000000422078_00388_37516_2245.N1	03-MAY-2009 23:44:15	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37516	No
170	GOM_NL__2PRFIN20090503_235446_000000372078_00388_37516_2246.N1	03-MAY-2009 23:54:46	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37516	No

3. Quality information per product

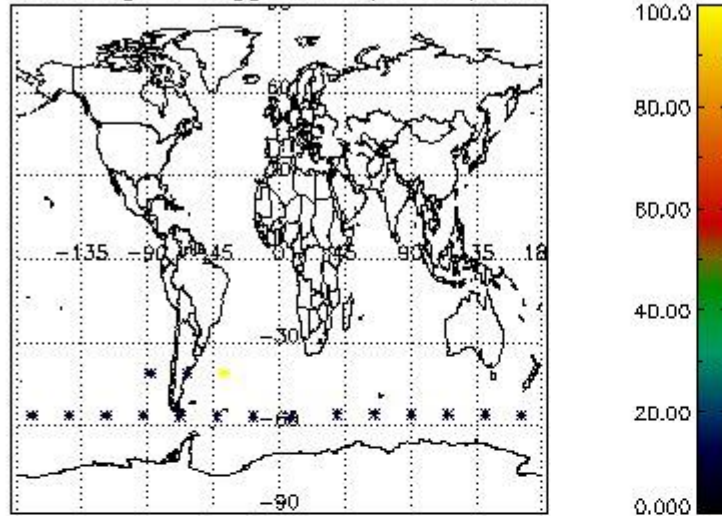
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

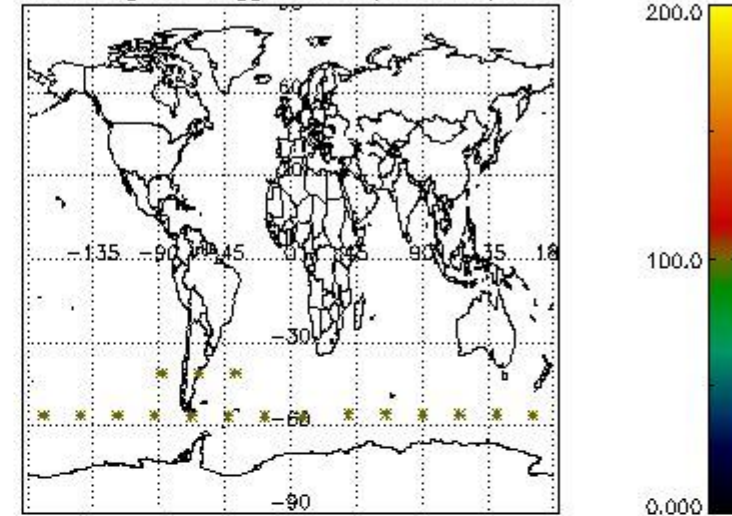


3.2 Plot quality information per product (world map)

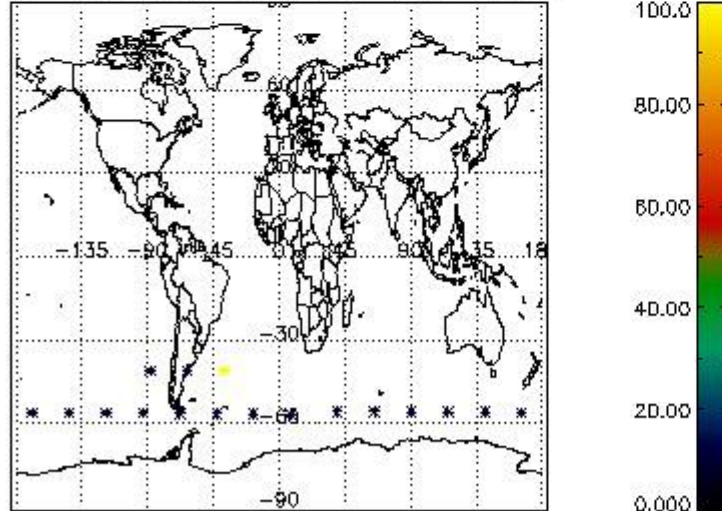
Percentage of flagged data per O3 profile



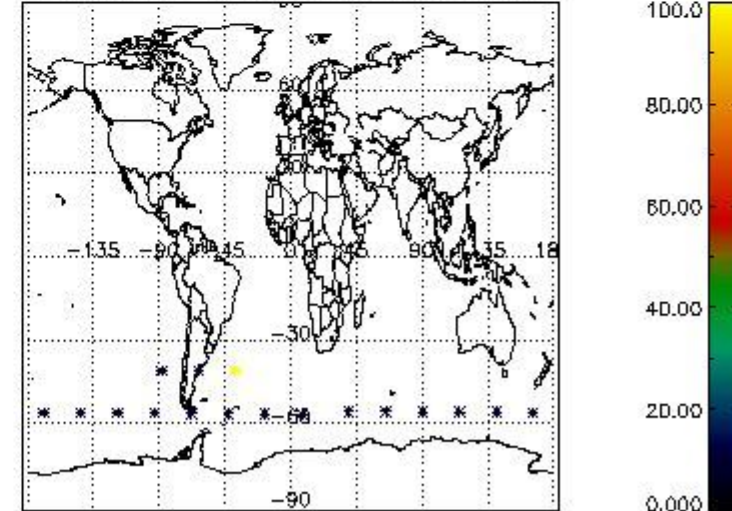
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

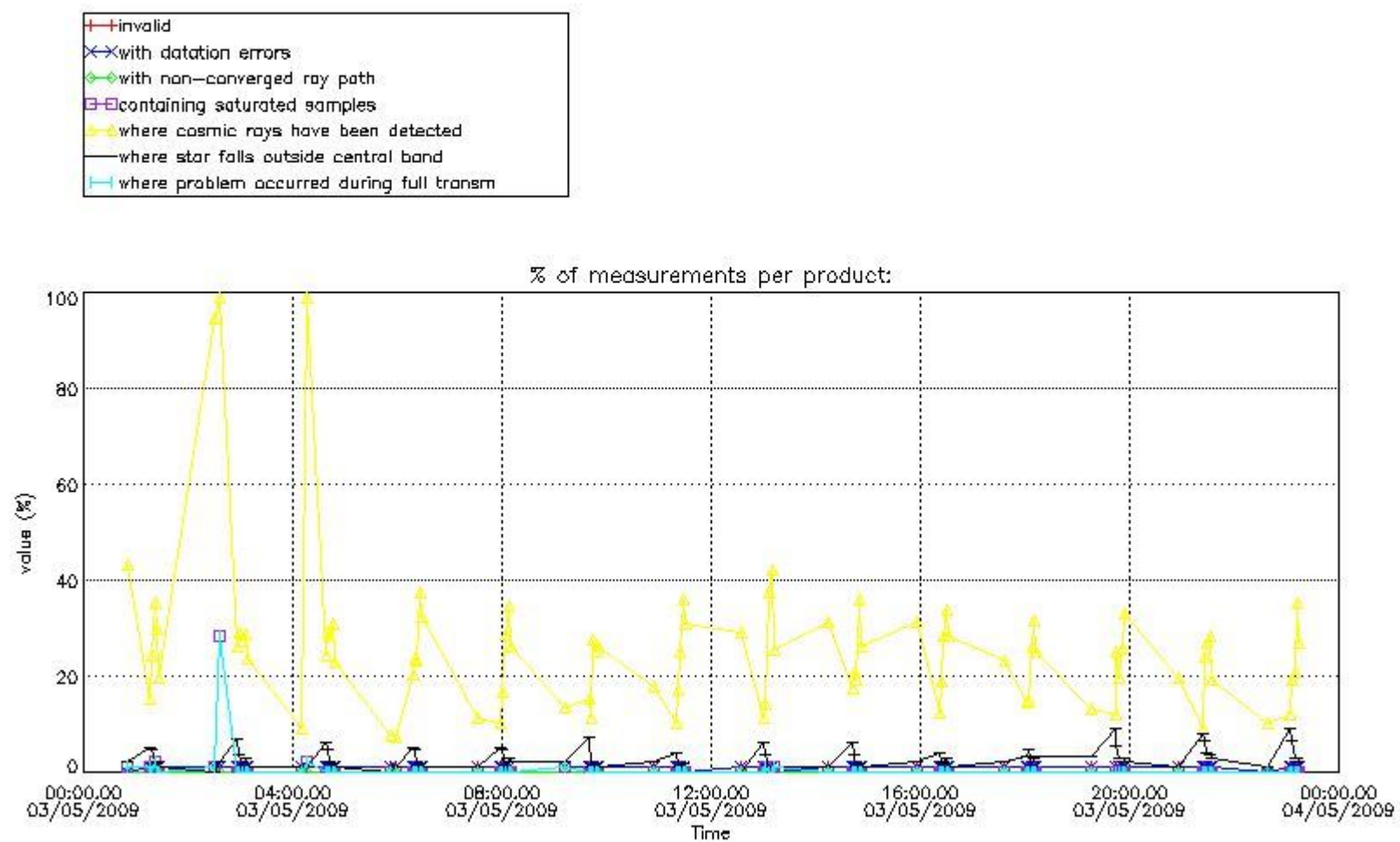


4. Level 1 quality information per product

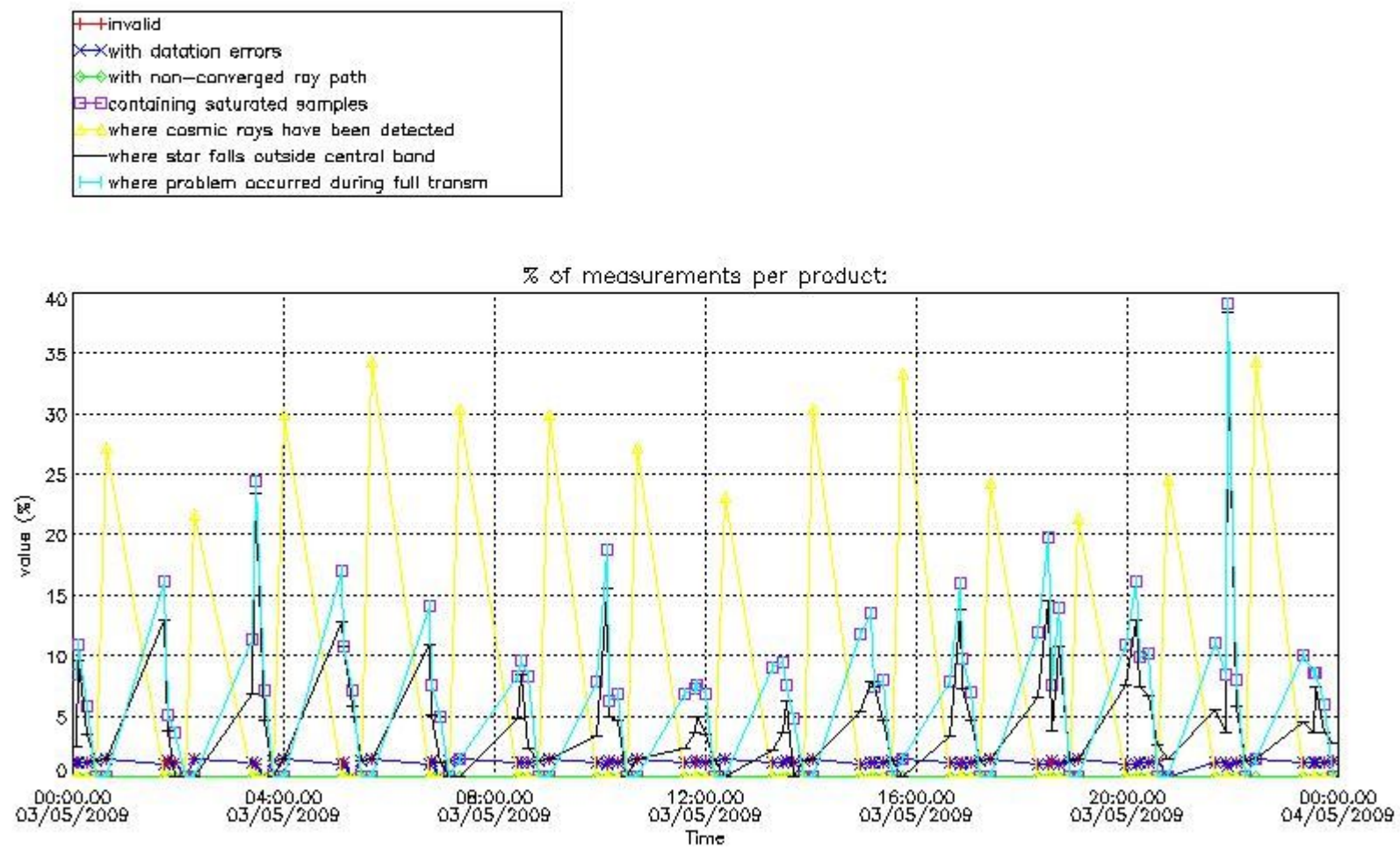
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

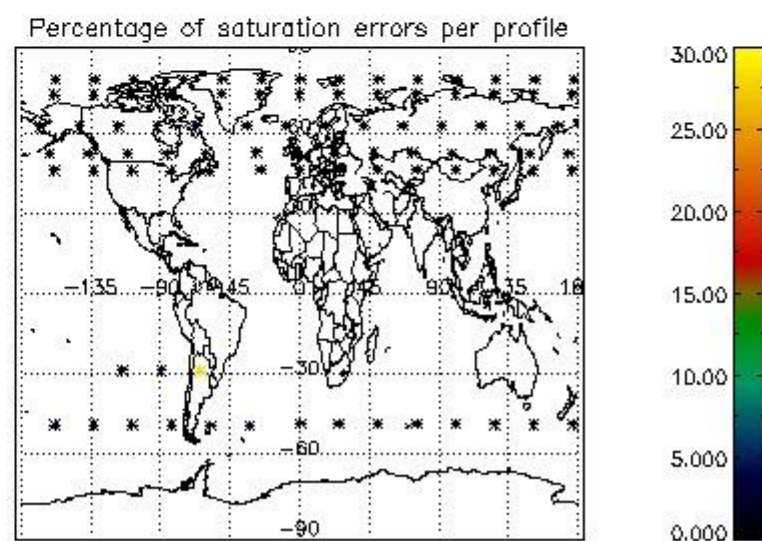
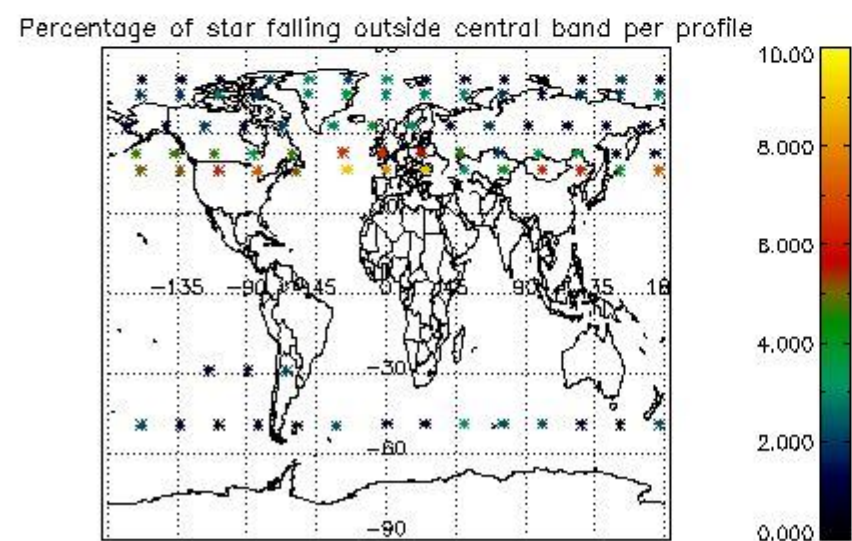
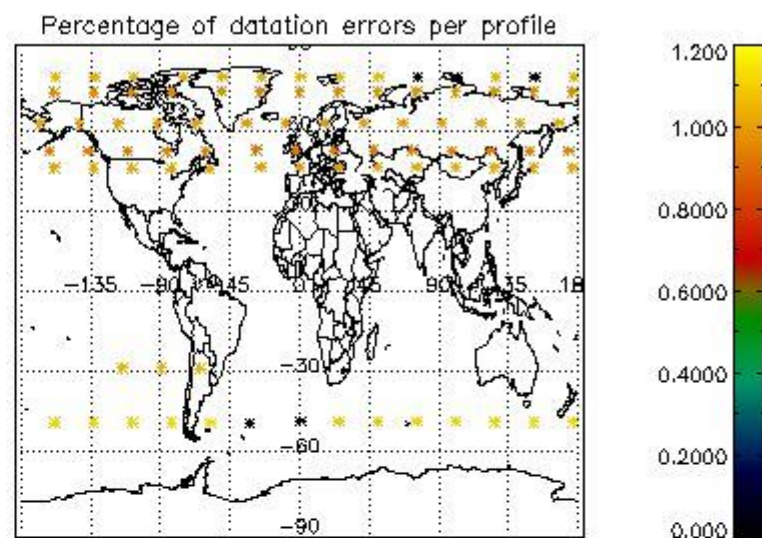
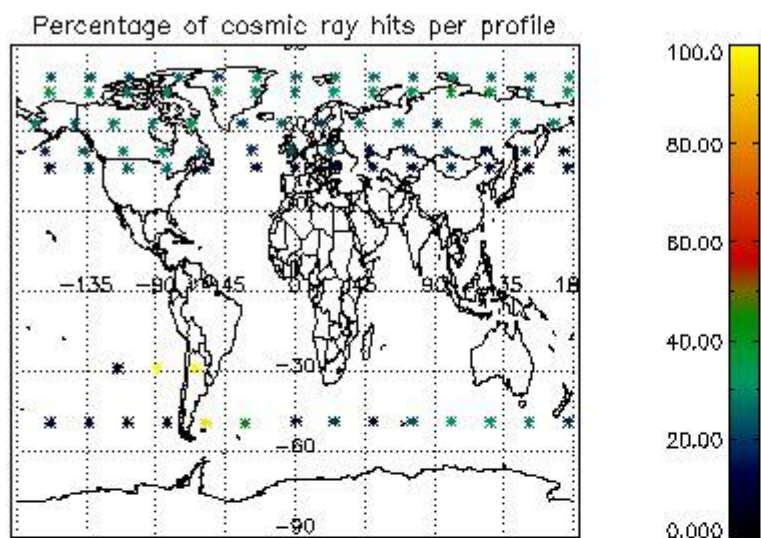


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

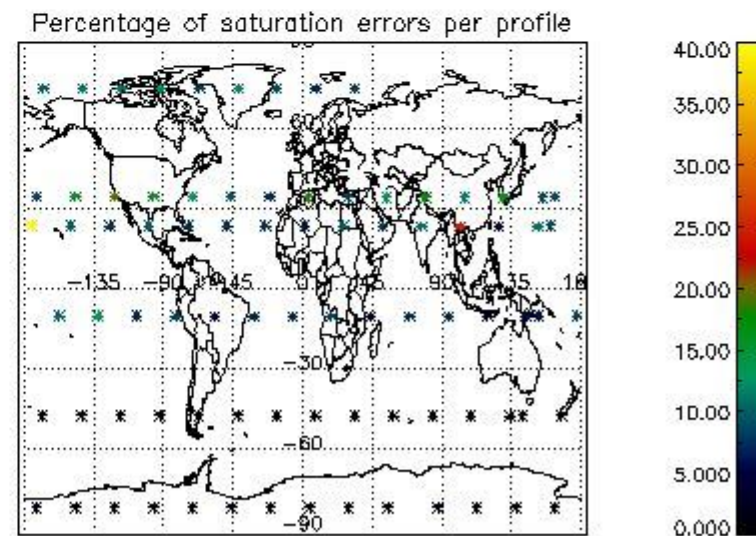
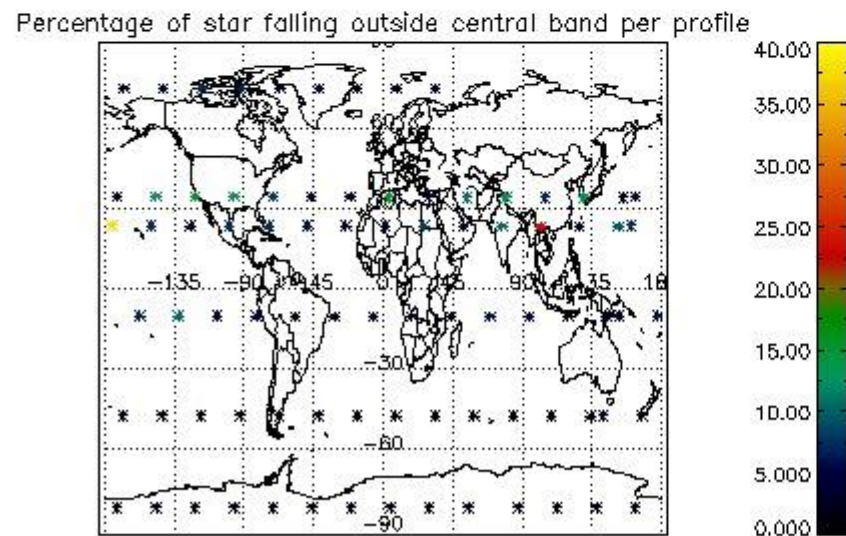
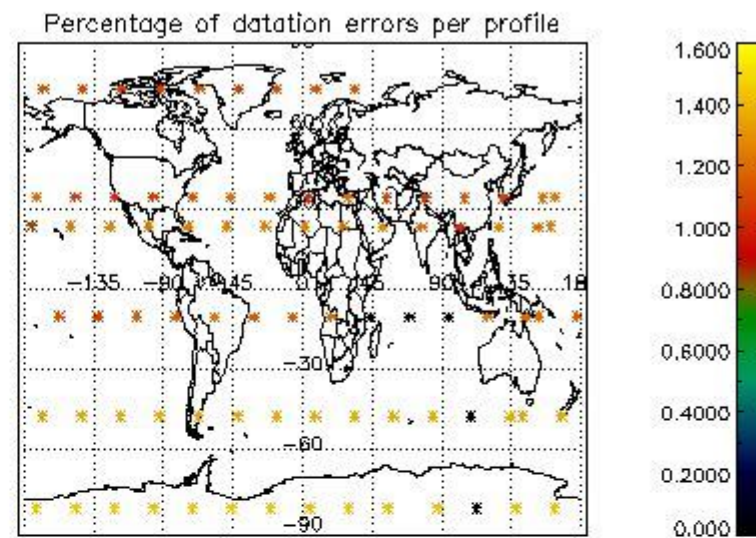
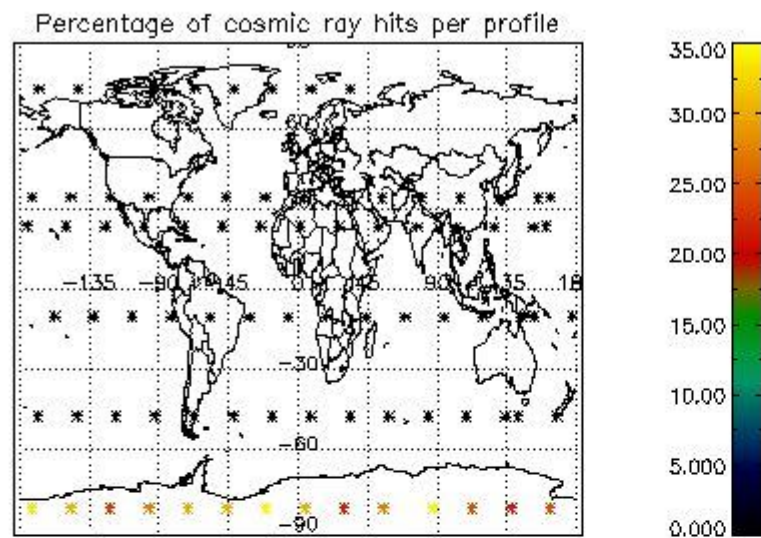


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

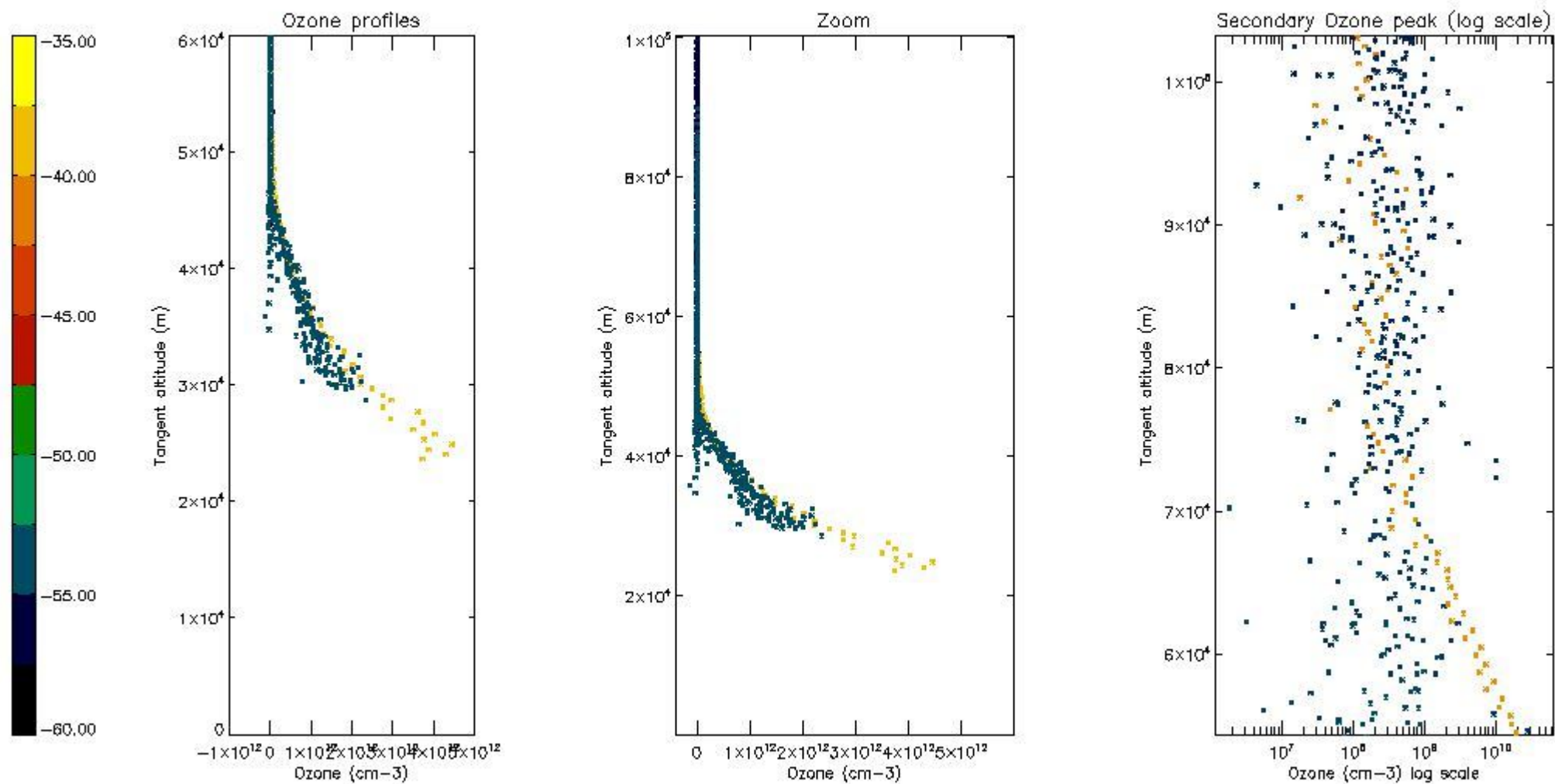
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	10.000
STD < 20	2.0000

STD < 10	0.0000
STD < 5	NaN

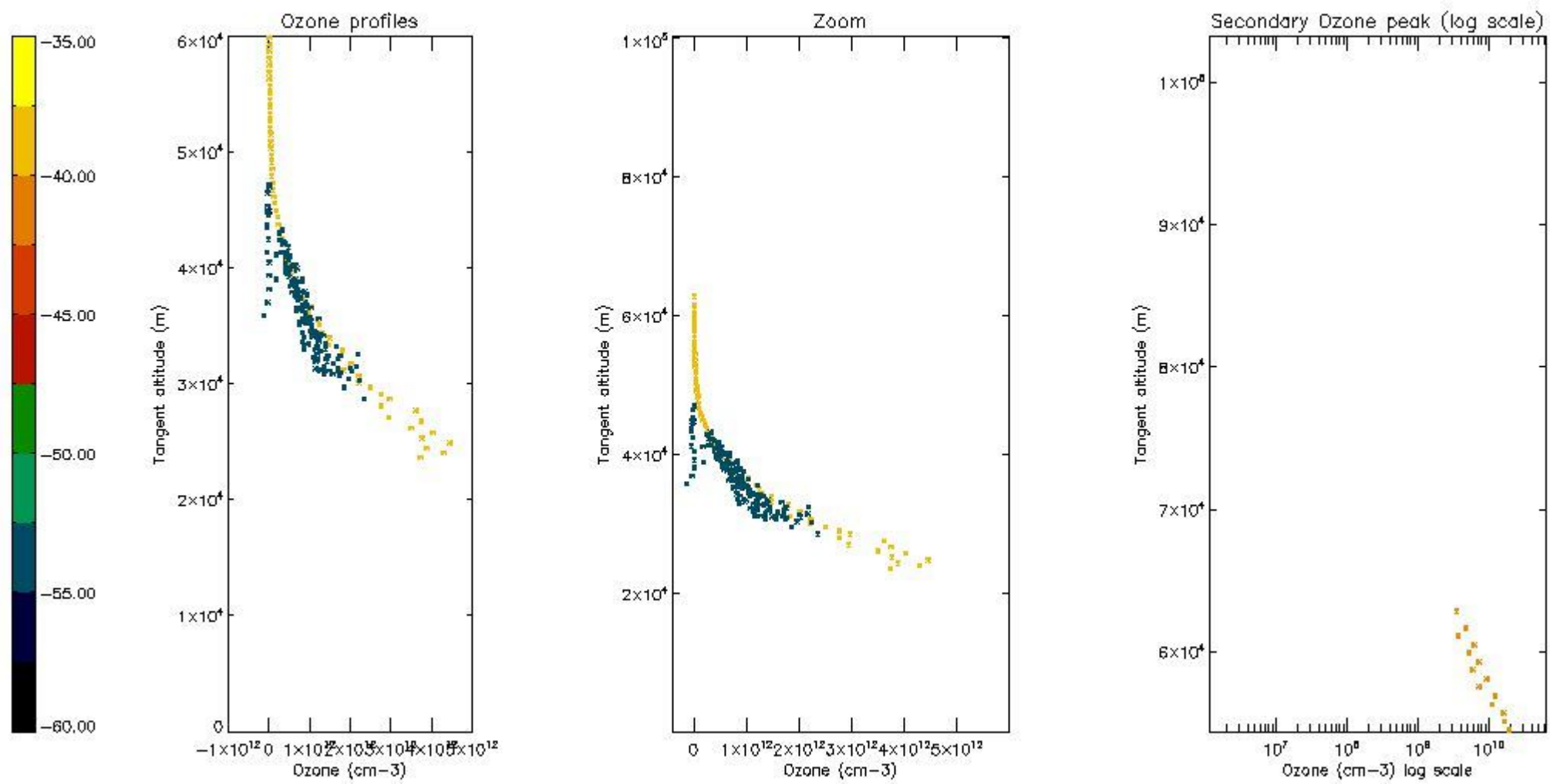
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



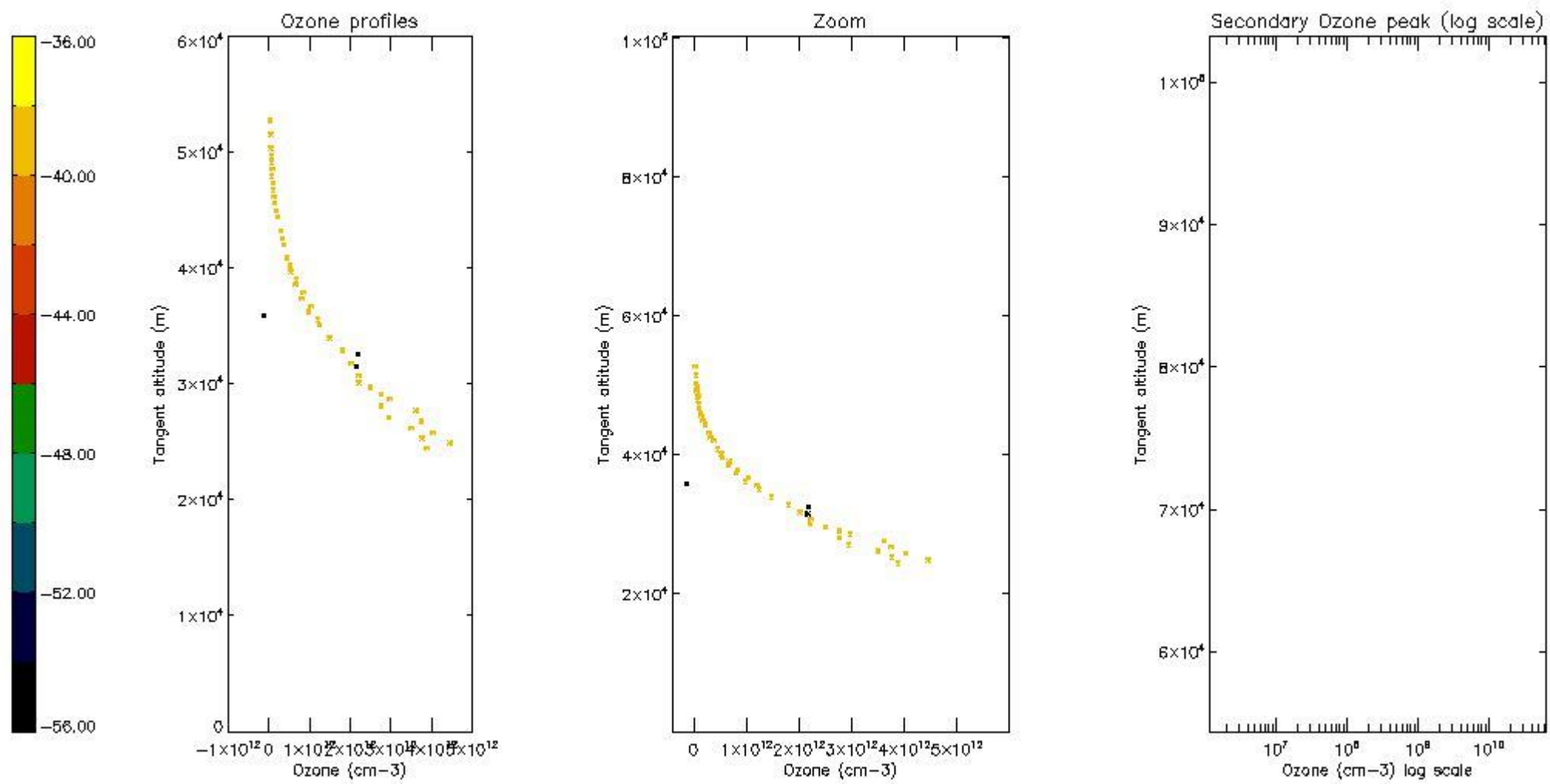
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.

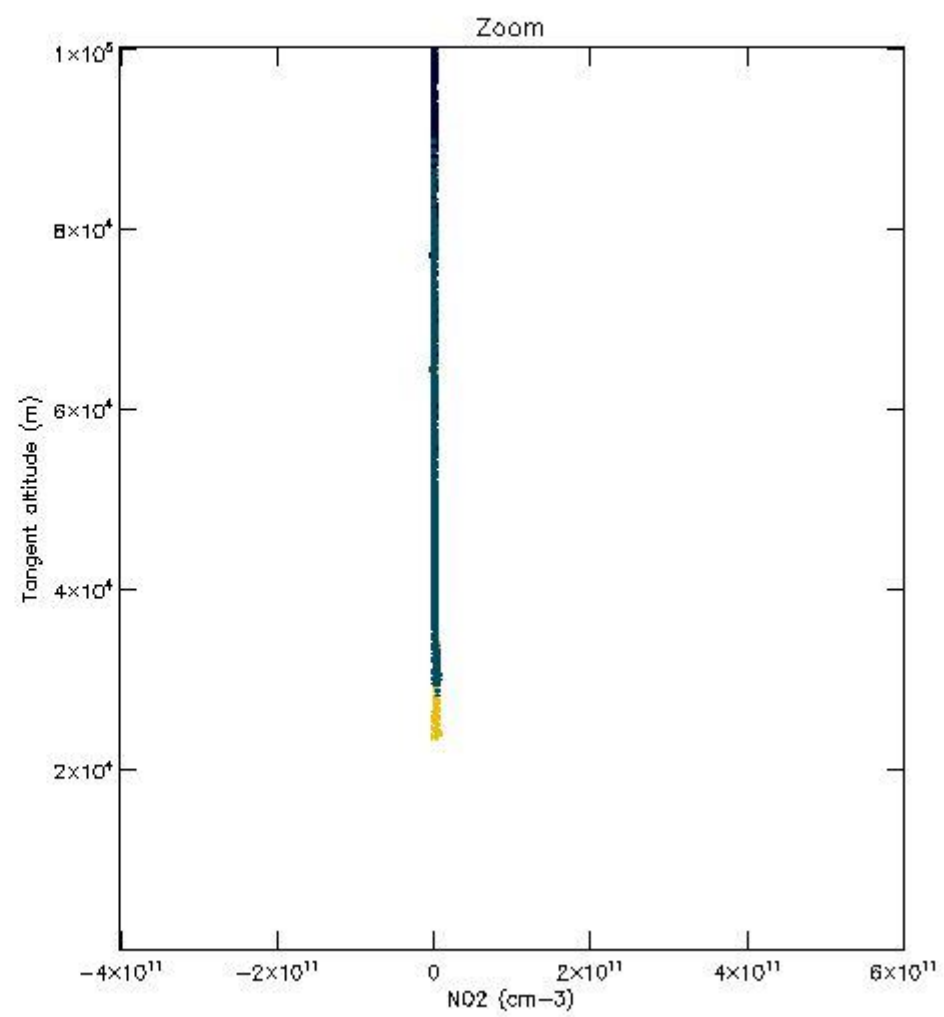
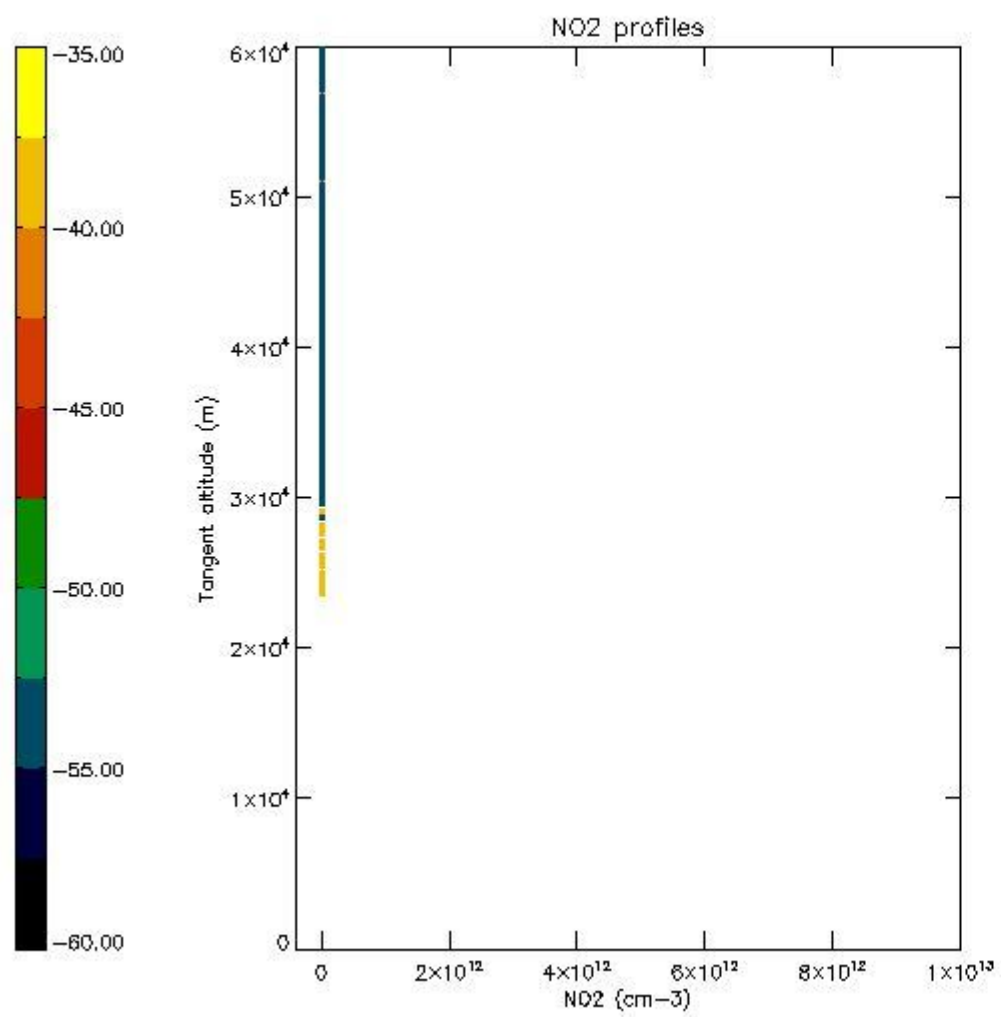


5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.

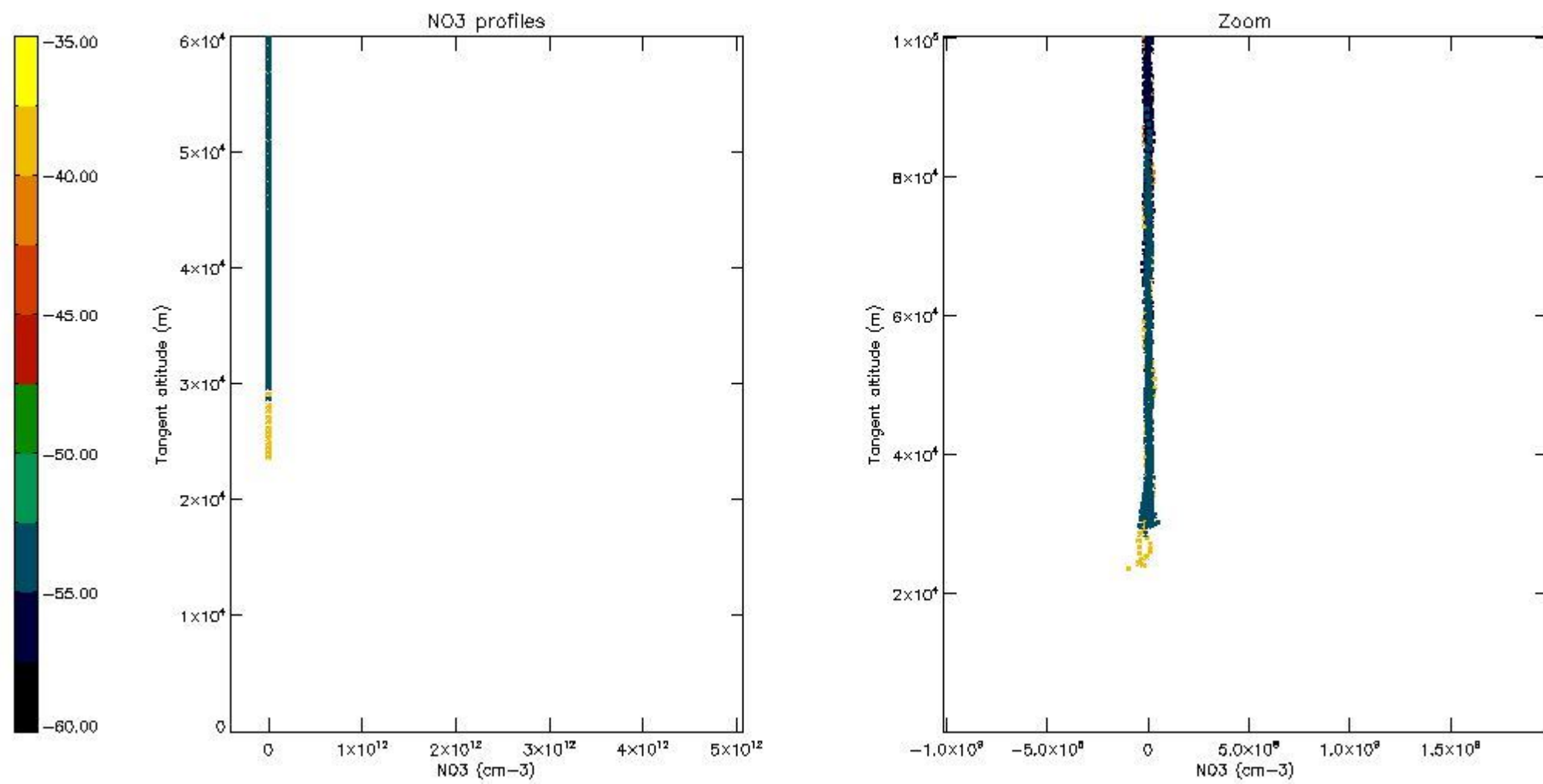
5.6 Plot NO2 profiles for all STD (dark without errors)

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	03-MAY-2009 00:03:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-MAY-2009 00:03:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-MAY-2009 00:03:30

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

[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](#)

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

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

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

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

[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 09:14:30
Data source version	GOMOS/6.01
Start time of products	03-05-2009 (03MAY2009 00:00:00)
Stop time of products	04-05-2009 (04MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
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__2PRFIN20090503_000330_000000422078_00374_37502_2015.N1	03-MAY-2009 00:03:30	Bright	41.500	83		2.3780	11000.	83	37502	No
2	GOM_NL__2PRFIN20090503_000632_000000422078_00374_37502_2016.N1	03-MAY-2009 00:06:32	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37502	No
3	GOM_NL__2PRFIN20090503_001601_000000432078_00374_37502_2017.N1	03-MAY-2009 00:16:01	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37502	No
4	GOM_NL__2PRFIN20090503_002628_000000372078_00374_37502_2018.N1	03-MAY-2009 00:26:28	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37502	No
5	GOM_NL__2PRFIN20090503_003802_000000352078_00374_37502_2019.N1	03-MAY-2009 00:38:02	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37502	No
6	GOM_NL__2PRFIN20090503_004931_000000442078_00374_37502_2020.N1	03-MAY-2009 00:49:31	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37502	No
7	GOM_NL__2PRFIN20090503_011618_000000492078_00375_37503_2025.N1	03-MAY-2009 01:16:18	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37503	No
8	GOM_NL__2PRFIN20090503_011805_000000542078_00375_37503_2026.N1	03-MAY-2009 01:18:05	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37503	No
9	GOM_NL__2PRFIN20090503_012106_000000502078_00375_37503_2027.N1	03-MAY-2009 01:21:06	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37503	No
10	GOM_NL__2PRFIN20090503_012445_000000522078_00375_37503_2028.N1	03-MAY-2009 01:24:45	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37503	No
11	GOM_NL__2PRFIN20090503_012654_000000482078_00375_37503_2029.N1	03-MAY-2009 01:26:54	Twi_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37503	No
12	GOM_NL__2PRFIN20090503_014405_000000472078_00375_37503_2030.N1	03-MAY-2009 01:44:05	Bright	46.500	83		2.3780	11000.	93	37503	No
13	GOM_NL__2PRFIN20090503_014707_000000402078_00375_37503_2031.N1	03-MAY-2009 01:47:07	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37503	No
14	GOM_NL__2PRFIN20090503_015636_000000412078_00375_37503_2032.N1	03-MAY-2009 01:56:36	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37503	No
15	GOM_NL__2PRFIN20090503_020703_000000362078_00375_37503_2033.N1	03-MAY-2009 02:07:03	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37503	No
16	GOM_NL__2PRFIN20090503_021838_000000352078_00375_37503_2034.N1	03-MAY-2009 02:18:38	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37503	No
17	GOM_NL__2PRFIN20090503_023008_000000452078_00375_37503_2035.N1	03-MAY-2009 02:30:08	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	37503	No
18	GOM_NL__2PRFIN20090503_023556_000000482078_00375_37503_2036.N1	03-MAY-2009 02:35:56	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	37503	No
19	GOM_NL__2PRFIN20090503_025655_000000502078_00376_37504_2040.N1	03-MAY-2009 02:56:55	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37504	No
20	GOM_NL__2PRFIN20090503_025842_000000542078_00376_37504_2041.N1	03-MAY-2009 02:58:42	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37504	No
21	GOM_NL__2PRFIN20090503_030143_000000502078_00376_37504_2042.N1	03-MAY-2009 03:01:43	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37504	No
22	GOM_NL__2PRFIN20090503_030521_000000532078_00376_37504_2043.N1	03-MAY-2009 03:05:21	Twi_and_stray	52.500	16	21Alp Sco	1.0200	3000.0	105	37504	No
23	GOM_NL__2PRFIN20090503_030730_000000492078_00376_37504_2044.N1	03-MAY-2009 03:07:30	Twi_and_stray	48.500	80	7Del Sco	2.3160	30000.	97	37504	No
24	GOM_NL__2PRFIN20090503_032440_000000442078_00376_37504_2045.N1	03-MAY-2009 03:24:40	Bright	44.000	83		2.3780	11000.	88	37504	No
25	GOM_NL__2PRFIN20090503_032742_000000492078_00376_37504_2046.N1	03-MAY-2009 03:27:42	Bright	49.000	180	27Gam Boo	3.0400	8000.0	98	37504	No
26	GOM_NL__2PRFIN20090503_033712_000000432078_00376_37504_2047.N1	03-MAY-2009 03:37:12	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37504	No
27	GOM_NL__2PRFIN20090503_034739_000000372078_00376_37504_2048.N1	03-MAY-2009 03:47:39	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37504	No
28	GOM_NL__2PRFIN20090503_035914_000000352078_00376_37504_2049.N1	03-MAY-2009 03:59:14	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37504	No
29	GOM_NL__2PRFIN20090503_041045_000000452078_00376_37504_2050.N1	03-MAY-2009 04:10:45	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	37504	No
30	GOM_NL__2PRFIN20090503_041632_000000482078_00376_37504_2051.N1	03-MAY-2009 04:16:32	Dark	48.000	142	49Del Cap	2.8500	8900.0	96	37504	No
31	GOM_NL__2PRFIN20090503_043732_000000492078_00377_37505_2054.N1	03-MAY-2009 04:37:32	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37505	No
32	GOM_NL__2PRFIN20090503_043919_000000542078_00377_37505_2055.N1	03-MAY-2009 04:39:19	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37505	No
33	GOM_NL__2PRFIN20090503_044219_000000502078_00377_37505_2056.N1	03-MAY-2009 04:42:19	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37505	No
34	GOM_NL__2PRFIN20090503_044558_000000522078_00377_37505_2057.N1	03-MAY-2009 04:45:58	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37505	No
35	GOM_NL__2PRFIN20090503_044806_000000482078_00377_37505_2058.N1	03-MAY-2009 04:48:06	Twi_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37505	No
36	GOM_NL__2PRFIN20090503_050516_000000472078_00377_37505_2059.N1	03-MAY-2009 05:05:16	Bright	47.000	83		2.3780	11000.	94	37505	No
37	GOM_NL__2PRFIN20090503_050818_000000422078_00377_37505_2060.N1	03-MAY-2009 05:08:18	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37505	No
38	GOM_NL__2PRFIN20090503_051747_000000432078_00377_37505_2061.N1	03-MAY-2009 05:17:47	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37505	No
39	GOM_NL__2PRFIN20090503_052815_000000372078_00377_37505_2062.N1	03-MAY-2009 05:28:15	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37505	No
40	GOM_NL__2PRFIN20090503_053950_000000352078_00377_37505_2063.N1	03-MAY-2009 05:39:50	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37505	No
41	GOM_NL__2PRFIN20090503_055122_000000452078_00377_37505_2064.N1	03-MAY-2009 05:51:22	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37505	No
42	GOM_NL__2PRFIN20090503_055710_000000482078_00377_37505_2065.N1	03-MAY-2009 05:57:10	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	37505	No

43	GOM_NL__2PRFIN20090503_061808_000000492078_00378_37506_2067.N1	03-MAY-2009 06:18:08	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37506	No
44	GOM_NL__2PRFIN20090503_061956_000000532078_00378_37506_2068.N1	03-MAY-2009 06:19:56	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37506	No
45	GOM_NL__2PRFIN20090503_062256_000000502078_00378_37506_2069.N1	03-MAY-2009 06:22:56	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37506	No
46	GOM_NL__2PRFIN20090503_062634_000000522078_00378_37506_2070.N1	03-MAY-2009 06:26:34	Tw_i_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37506	No
47	GOM_NL__2PRFIN20090503_062843_000000482078_00378_37506_2071.N1	03-MAY-2009 06:28:43	Tw_i_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37506	No
48	GOM_NL__2PRFIN20090503_064551_000000462078_00378_37506_2072.N1	03-MAY-2009 06:45:51	Bright	46.000	83		2.3780	11000.	92	37506	No
49	GOM_NL__2PRFIN20090503_064854_000000402078_00378_37506_2073.N1	03-MAY-2009 06:48:54	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37506	No
50	GOM_NL__2PRFIN20090503_065823_000000412078_00378_37506_2074.N1	03-MAY-2009 06:58:23	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37506	No
51	GOM_NL__2PRFIN20090503_070850_000000372078_00378_37506_2075.N1	03-MAY-2009 07:08:50	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37506	No
52	GOM_NL__2PRFIN20090503_072026_000000352078_00378_37506_2076.N1	03-MAY-2009 07:20:26	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37506	No
53	GOM_NL__2PRFIN20090503_073159_000000452078_00378_37506_2077.N1	03-MAY-2009 07:31:59	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37506	No
54	GOM_NL__2PRFIN20090503_075845_000000492078_00379_37507_2081.N1	03-MAY-2009 07:58:45	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37507	No
55	GOM_NL__2PRFIN20090503_080033_000000542078_00379_37507_2082.N1	03-MAY-2009 08:00:33	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37507	No
56	GOM_NL__2PRFIN20090503_080333_000000492078_00379_37507_2083.N1	03-MAY-2009 08:03:33	Straylight	49.000	75	26Eps Sco	2.2910	4250.0	98	37507	No
57	GOM_NL__2PRFIN20090503_080710_000000522078_00379_37507_2084.N1	03-MAY-2009 08:07:10	Tw_i_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37507	No
58	GOM_NL__2PRFIN20090503_080919_000000482078_00379_37507_2085.N1	03-MAY-2009 08:09:19	Tw_i_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	37507	No
59	GOM_NL__2PRFIN20090503_082627_000000422078_00379_37507_2086.N1	03-MAY-2009 08:26:27	Bright	42.000	83		2.3780	11000.	84	37507	No
60	GOM_NL__2PRFIN20090503_082929_000000422078_00379_37507_2087.N1	03-MAY-2009 08:29:29	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37507	No
61	GOM_NL__2PRFIN20090503_083858_000000432078_00379_37507_2088.N1	03-MAY-2009 08:38:58	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37507	No
62	GOM_NL__2PRFIN20090503_084926_000000372078_00379_37507_2089.N1	03-MAY-2009 08:49:26	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37507	No
63	GOM_NL__2PRFIN20090503_090102_000000352078_00379_37507_2090.N1	03-MAY-2009 09:01:02	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37507	No
64	GOM_NL__2PRFIN20090503_091235_000000452078_00379_37507_2091.N1	03-MAY-2009 09:12:35	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37507	No
65	GOM_NL__2PRFIN20090503_093922_000000492078_00380_37508_2095.N1	03-MAY-2009 09:39:22	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37508	No
66	GOM_NL__2PRFIN20090503_094110_000000532078_00380_37508_2096.N1	03-MAY-2009 09:41:10	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37508	No
67	GOM_NL__2PRFIN20090503_094409_000000492078_00380_37508_2097.N1	03-MAY-2009 09:44:09	Straylight	49.000	75	26Eps Sco	2.2910	4250.0	98	37508	No
68	GOM_NL__2PRFIN20090503_094747_000000522078_00380_37508_2098.N1	03-MAY-2009 09:47:47	Tw_i_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37508	No
69	GOM_NL__2PRFIN20090503_094955_000000482078_00380_37508_2099.N1	03-MAY-2009 09:49:55	Tw_i_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37508	No
70	GOM_NL__2PRFIN20090503_095511_000000452078_00380_37508_2100.N1	03-MAY-2009 09:55:11	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	37508	No
71	GOM_NL__2PRFIN20090503_100702_000000482078_00380_37508_2101.N1	03-MAY-2009 10:07:02	Bright	48.000	83		2.3780	11000.	96	37508	No
72	GOM_NL__2PRFIN20090503_101005_000000402078_00380_37508_2102.N1	03-MAY-2009 10:10:05	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37508	No
73	GOM_NL__2PRFIN20090503_101933_000000442078_00380_37508_2103.N1	03-MAY-2009 10:19:33	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37508	No
74	GOM_NL__2PRFIN20090503_103001_000000372078_00380_37508_2104.N1	03-MAY-2009 10:30:01	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37508	No
75	GOM_NL__2PRFIN20090503_104138_000000352078_00380_37508_2105.N1	03-MAY-2009 10:41:38	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37508	No
76	GOM_NL__2PRFIN20090503_105312_000000452078_00380_37508_2106.N1	03-MAY-2009 10:53:12	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37508	No
77	GOM_NL__2PRFIN20090503_111959_000000492078_00381_37509_2109.N1	03-MAY-2009 11:19:59	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37509	No
78	GOM_NL__2PRFIN20090503_112146_000000532078_00381_37509_2110.N1	03-MAY-2009 11:21:46	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37509	No
79	GOM_NL__2PRFIN20090503_112445_000000502078_00381_37509_2111.N1	03-MAY-2009 11:24:45	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37509	No
80	GOM_NL__2PRFIN20090503_112823_000000522078_00381_37509_2112.N1	03-MAY-2009 11:28:23	Tw_i_and_stray	51.500	16	21Alp Sco	1.0200	3000.0	103	37509	No
81	GOM_NL__2PRFIN20090503_113031_000000472078_00381_37509_2113.N1	03-MAY-2009 11:30:31	Tw_i_and_stray	47.000	80	7Del Sco	2.3160	30000.	94	37509	No
82	GOM_NL__2PRFIN20090503_113547_000000442078_00381_37509_2114.N1	03-MAY-2009 11:35:47	Bright	44.000	104	27Bet Lib	2.6140	13100.	88	37509	No
83	GOM_NL__2PRFIN20090503_114738_000000422078_00381_37509_2115.N1	03-MAY-2009 11:47:38	Bright	41.500	83		2.3780	11000.	83	37509	No
84	GOM_NL__2PRFIN20090503_115040_000000402078_00381_37509_2116.N1	03-MAY-2009 11:50:40	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37509	No
85	GOM_NL__2PRFIN20090503_120008_000000442078_00381_37509_2117.N1	03-MAY-2009 12:00:08	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37509	No
86	GOM_NL__2PRFIN20090503_121037_000000372078_00381_37509_2118.N1	03-MAY-2009 12:10:37	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37509	No
87	GOM_NL__2PRFIN20090503_122214_000000352078_00381_37509_2119.N1	03-MAY-2009 12:22:14	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37509	No
88	GOM_NL__2PRFIN20090503_123349_000000452078_00381_37509_2120.N1	03-MAY-2009 12:33:49	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	37509	No
89	GOM_NL__2PRFIN20090503_130036_000000492078_00382_37510_2123.N1	03-MAY-2009 13:00:36	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37510	No
90	GOM_NL__2PRFIN20090503_130223_000000542078_00382_37510_2124.N1	03-MAY-2009 13:02:23	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37510	No
91	GOM_NL__2PRFIN20090503_130522_000000502078_00382_37510_2125.N1	03-MAY-2009 13:05:22	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37510	No
92	GOM_NL__2PRFIN20090503_130900_000000512078_00382_37510_2126.N1	03-MAY-2009 13:09:00	Tw_i_and_stray	51.000	16	21Alp Sco	1.0200	3000.0	102	37510	No
93	GOM_NL__2PRFIN20090503_131107_000000472078_00382_37510_2127.N1	03-MAY-2009 13:11:07	Tw_i_and_stray	47.000	80	7Del Sco	2.3160	30000.	94	37510	No
94	GOM_NL__2PRFIN20090503_131623_000000452078_00382_37510_2128.N1	03-MAY-2009 13:16:23	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	37510	No
95	GOM_NL__2PRFIN20090503_132813_000000422078_00382_37510_2129.N1	03-MAY-2009 13:28:13	Bright	42.000	83		2.3780	11000.	84	37510	No
96	GOM_NL__2PRFIN20090503_133116_000000402078_00382_37510_2130.N1	03-MAY-2009 13:31:16	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37510	No
97	GOM_NL__2PRFIN20090503_134043_000000422078_00382_37510_2131.N1	03-MAY-2009 13:40:43	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37510	No
98	GOM_NL__2PRFIN20090503_135113_000000372078_00382_37510_2132.N1	03-MAY-2009 13:51:13	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37510	No
99	GOM_NL__2PRFIN20090503_140251_000000352078_00382_37510_2133.N1	03-MAY-2009 14:02:51	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37510	No
100	GOM_NL__2PRFIN20090503_141426_000000452078_00382_37510_2134.N1	03-MAY-2009 14:14:26	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37510	No
101	GOM_NL__2PRFIN20090503_144112_000000492078_00383_37511_2137.N1	03-MAY-2009 14:41:12	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37511	No

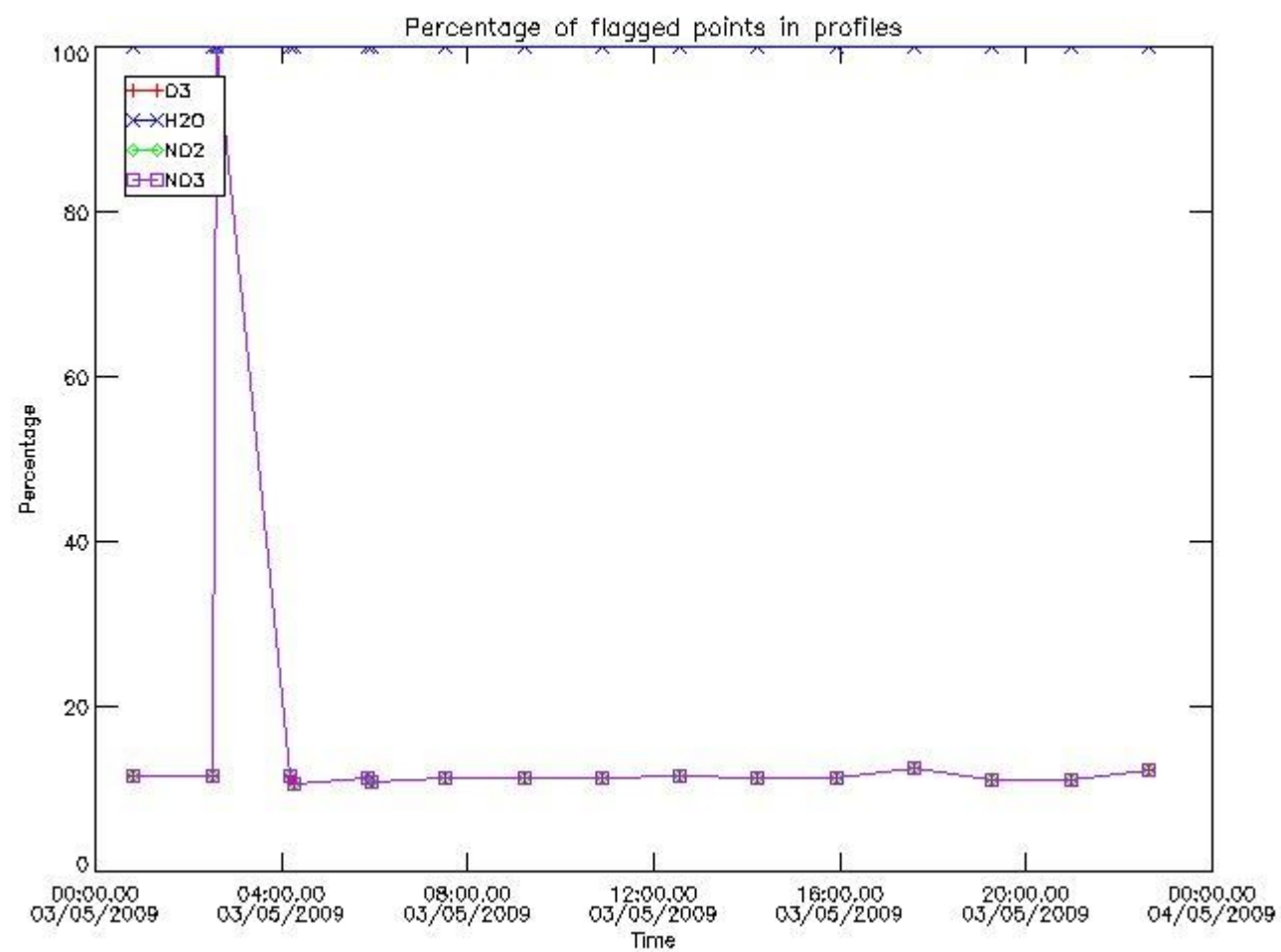
102	GOM_NL__2PRFIN20090503_144300_00000532078_00383_37511_2138.N1	03-MAY-2009 14:43:00	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37511	No
103	GOM_NL__2PRFIN20090503_144558_00000502078_00383_37511_2139.N1	03-MAY-2009 14:45:58	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37511	No
104	GOM_NL__2PRFIN20090503_144936_00000522078_00383_37511_2140.N1	03-MAY-2009 14:49:36	Twilight_and_stray	51.500	16	21Alp Sco	1.0200	3000.0	103	37511	No
105	GOM_NL__2PRFIN20090503_145144_00000482078_00383_37511_2141.N1	03-MAY-2009 14:51:44	Twilight_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	37511	No
106	GOM_NL__2PRFIN20090503_145658_00000472078_00383_37511_2142.N1	03-MAY-2009 14:56:58	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37511	No
107	GOM_NL__2PRFIN20090503_150849_00000452078_00383_37511_2143.N1	03-MAY-2009 15:08:49	Bright	44.500	83		2.3780	11000.	89	37511	No
108	GOM_NL__2PRFIN20090503_151152_00000412078_00383_37511_2144.N1	03-MAY-2009 15:11:52	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37511	No
109	GOM_NL__2PRFIN20090503_152119_00000442078_00383_37511_2145.N1	03-MAY-2009 15:21:19	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37511	No
110	GOM_NL__2PRFIN20090503_153149_00000372078_00383_37511_2146.N1	03-MAY-2009 15:31:49	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37511	No
111	GOM_NL__2PRFIN20090503_154327_00000352078_00383_37511_2147.N1	03-MAY-2009 15:43:27	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37511	No
112	GOM_NL__2PRFIN20090503_155503_00000452078_00383_37511_2148.N1	03-MAY-2009 15:55:03	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37511	No
113	GOM_NL__2PRFIN20090503_162149_00000492078_00384_37512_2167.N1	03-MAY-2009 16:21:49	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37512	No
114	GOM_NL__2PRFIN20090503_162337_00000532078_00384_37512_2168.N1	03-MAY-2009 16:23:37	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37512	No
115	GOM_NL__2PRFIN20090503_162635_00000502078_00384_37512_2169.N1	03-MAY-2009 16:26:35	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37512	No
116	GOM_NL__2PRFIN20090503_163012_00000522078_00384_37512_2170.N1	03-MAY-2009 16:30:12	Twilight_and_stray	51.500	16	21Alp Sco	1.0200	3000.0	103	37512	No
117	GOM_NL__2PRFIN20090503_163220_00000482078_00384_37512_2171.N1	03-MAY-2009 16:32:20	Twilight_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	37512	No
118	GOM_NL__2PRFIN20090503_163734_00000452078_00384_37512_2172.N1	03-MAY-2009 16:37:34	Bright	44.500	104	27Bet Lib	2.6140	13100.	89	37512	No
119	GOM_NL__2PRFIN20090503_164924_00000472078_00384_37512_2173.N1	03-MAY-2009 16:49:24	Bright	47.000	83		2.3780	11000.	94	37512	No
120	GOM_NL__2PRFIN20090503_165227_00000412078_00384_37512_2174.N1	03-MAY-2009 16:52:27	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37512	No
121	GOM_NL__2PRFIN20090503_170154_00000432078_00384_37512_2175.N1	03-MAY-2009 17:01:54	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37512	No
122	GOM_NL__2PRFIN20090503_171224_00000372078_00384_37512_2176.N1	03-MAY-2009 17:12:24	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	37512	No
123	GOM_NL__2PRFIN20090503_172403_00000352078_00384_37512_2177.N1	03-MAY-2009 17:24:03	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37512	No
124	GOM_NL__2PRFIN20090503_173540_00000452078_00384_37512_2178.N1	03-MAY-2009 17:35:40	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37512	No
125	GOM_NL__2PRFIN20090503_180226_00000492078_00385_37513_2187.N1	03-MAY-2009 18:02:26	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37513	No
126	GOM_NL__2PRFIN20090503_180414_00000542078_00385_37513_2188.N1	03-MAY-2009 18:04:14	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37513	No
127	GOM_NL__2PRFIN20090503_180712_00000502078_00385_37513_2189.N1	03-MAY-2009 18:07:12	Straylight	49.500	75	26Eps Sco	2.2910	4250.0	99	37513	No
128	GOM_NL__2PRFIN20090503_181049_00000522078_00385_37513_2190.N1	03-MAY-2009 18:10:49	Twilight_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	37513	No
129	GOM_NL__2PRFIN20090503_181256_00000482078_00385_37513_2191.N1	03-MAY-2009 18:12:56	Twilight_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	37513	No
130	GOM_NL__2PRFIN20090503_181810_00000462078_00385_37513_2192.N1	03-MAY-2009 18:18:10	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	37513	No
131	GOM_NL__2PRFIN20090503_183000_00000482078_00385_37513_2193.N1	03-MAY-2009 18:30:00	Bright	48.000	83		2.3780	11000.	96	37513	No
132	GOM_NL__2PRFIN20090503_183303_00000402078_00385_37513_2194.N1	03-MAY-2009 18:33:03	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37513	No
133	GOM_NL__2PRFIN20090503_184230_00000472078_00385_37513_2195.N1	03-MAY-2009 18:42:30	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37513	No
134	GOM_NL__2PRFIN20090503_185300_00000372078_00385_37513_2196.N1	03-MAY-2009 18:53:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37513	No
135	GOM_NL__2PRFIN20090503_190439_00000352078_00385_37513_2197.N1	03-MAY-2009 19:04:39	Twilight_and_stray	35.000	164	44Eta Peg	2.9480	5400.0	70	37513	No
136	GOM_NL__2PRFIN20090503_191617_00000462078_00385_37513_2198.N1	03-MAY-2009 19:16:17	Dark	46.000	162	34Alp Aqr	2.9440	5350.0	92	37513	No
137	GOM_NL__2PRFIN20090503_194303_00000502078_00386_37514_2206.N1	03-MAY-2009 19:43:03	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37514	No
138	GOM_NL__2PRFIN20090503_194451_00000542078_00386_37514_2207.N1	03-MAY-2009 19:44:51	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37514	No
139	GOM_NL__2PRFIN20090503_194748_00000512078_00386_37514_2208.N1	03-MAY-2009 19:47:48	Straylight	50.500	75	26Eps Sco	2.2910	4250.0	101	37514	No
140	GOM_NL__2PRFIN20090503_195125_00000532078_00386_37514_2209.N1	03-MAY-2009 19:51:25	Twilight_and_stray	52.500	16	21Alp Sco	1.0200	3000.0	105	37514	No
141	GOM_NL__2PRFIN20090503_195332_00000492078_00386_37514_2210.N1	03-MAY-2009 19:53:32	Twilight_and_stray	48.500	80	7Del Sco	2.3160	30000.	97	37514	No
142	GOM_NL__2PRFIN20090503_195846_00000462078_00386_37514_2211.N1	03-MAY-2009 19:58:46	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	37514	No
143	GOM_NL__2PRFIN20090503_201035_00000472078_00386_37514_2212.N1	03-MAY-2009 20:10:35	Bright	46.500	83		2.3780	11000.	93	37514	No
144	GOM_NL__2PRFIN20090503_201338_00000412078_00386_37514_2213.N1	03-MAY-2009 20:13:38	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37514	No
145	GOM_NL__2PRFIN20090503_202305_00000452078_00386_37514_2214.N1	03-MAY-2009 20:23:05	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37514	No
146	GOM_NL__2PRFIN20090503_203335_00000382078_00386_37514_2215.N1	03-MAY-2009 20:33:35	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	37514	No
147	GOM_NL__2PRFIN20090503_204515_00000352078_00386_37514_2216.N1	03-MAY-2009 20:45:15	Twilight_and_stray	34.500	164	44Eta Peg	2.9480	5400.0	69	37514	No
148	GOM_NL__2PRFIN20090503_205653_00000462078_00386_37514_2217.N1	03-MAY-2009 20:56:53	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	37514	No
149	GOM_NL__2PRFIN20090503_212340_00000502078_00387_37515_2221.N1	03-MAY-2009 21:23:40	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37515	No
150	GOM_NL__2PRFIN20090503_212528_00000542078_00387_37515_2222.N1	03-MAY-2009 21:25:28	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37515	No
151	GOM_NL__2PRFIN20090503_212825_00000512078_00387_37515_2223.N1	03-MAY-2009 21:28:25	Straylight	50.500	75	26Eps Sco	2.2910	4250.0	101	37515	No
152	GOM_NL__2PRFIN20090503_213201_00000532078_00387_37515_2224.N1	03-MAY-2009 21:32:01	Twilight_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	37515	No
153	GOM_NL__2PRFIN20090503_213408_00000492078_00387_37515_2225.N1	03-MAY-2009 21:34:08	Twilight_and_stray	49.000	80	7Del Sco	2.3160	30000.	98	37515	No
154	GOM_NL__2PRFIN20090503_213922_00000462078_00387_37515_2226.N1	03-MAY-2009 21:39:22	Bright	45.500	104	27Bet Lib	2.6140	13100.	91	37515	No
155	GOM_NL__2PRFIN20090503_215111_00000422078_00387_37515_2227.N1	03-MAY-2009 21:51:11	Bright	41.500	83		2.3780	11000.	83	37515	No
156	GOM_NL__2PRFIN20090503_215413_00000602078_00387_37515_2228.N1	03-MAY-2009 21:54:13	Bright	60.000	180	27Gam Boo	3.0400	8000.0	120	37515	No
157	GOM_NL__2PRFIN20090503_220340_00000442078_00387_37515_2229.N1	03-MAY-2009 22:03:40	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37515	No
158	GOM_NL__2PRFIN20090503_221411_00000372078_00387_37515_2230.N1	03-MAY-2009 22:14:11	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37515	No
159	GOM_NL__2PRFIN20090503_222551_00000352078_00387_37515_2231.N1	03-MAY-2009 22:25:51	Twilight_and_stray	35.000	164	44Eta Peg	2.9480	5400.0	70	37515	No
160	GOM_NL__2PRFIN20090503_223730_00000452078_00387_37515_2232.N1	03-MAY-2009 22:37:30	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	37515	No

161	GOM_NL__2PRFIN20090503_230416_000000502078_00388_37516_2237.N1	03-MAY-2009 23:04:16	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37516	No
162	GOM_NL__2PRFIN20090503_230604_000000542078_00388_37516_2238.N1	03-MAY-2009 23:06:04	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37516	No
163	GOM_NL__2PRFIN20090503_230901_000000512078_00388_37516_2239.N1	03-MAY-2009 23:09:01	Straylight	50.500	75	26Eps Sco	2.2910	4250.0	101	37516	No
164	GOM_NL__2PRFIN20090503_231238_000000532078_00388_37516_2240.N1	03-MAY-2009 23:12:38	Twilight_stray	52.500	16	21Alp Sco	1.0200	3000.0	105	37516	No
165	GOM_NL__2PRFIN20090503_231445_000000492078_00388_37516_2241.N1	03-MAY-2009 23:14:45	Twilight_stray	48.500	80	7Del Sco	2.3160	30000.	97	37516	No
166	GOM_NL__2PRFIN20090503_231958_000000452078_00388_37516_2242.N1	03-MAY-2009 23:19:58	Bright	45.000	104	27Bet Lib	2.6140	13100.	90	37516	No
167	GOM_NL__2PRFIN20090503_233146_000000412078_00388_37516_2243.N1	03-MAY-2009 23:31:46	Bright	41.000	83		2.3780	11000.	82	37516	No
168	GOM_NL__2PRFIN20090503_233449_000000412078_00388_37516_2244.N1	03-MAY-2009 23:34:49	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37516	No
169	GOM_NL__2PRFIN20090503_234415_000000422078_00388_37516_2245.N1	03-MAY-2009 23:44:15	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37516	No
170	GOM_NL__2PRFIN20090503_235446_000000372078_00388_37516_2246.N1	03-MAY-2009 23:54:46	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37516	No

3. Quality information per product

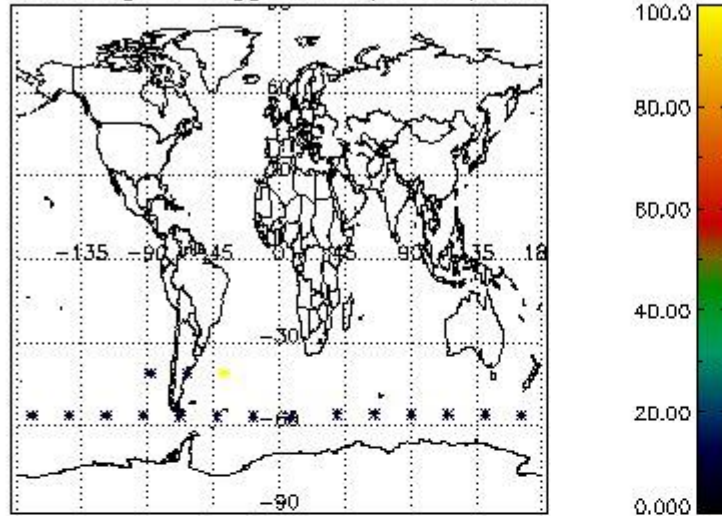
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

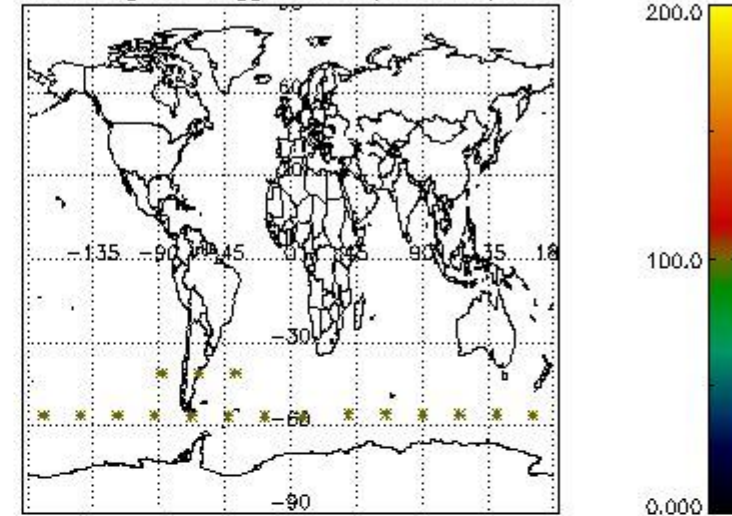


3.2 Plot quality information per product (world map)

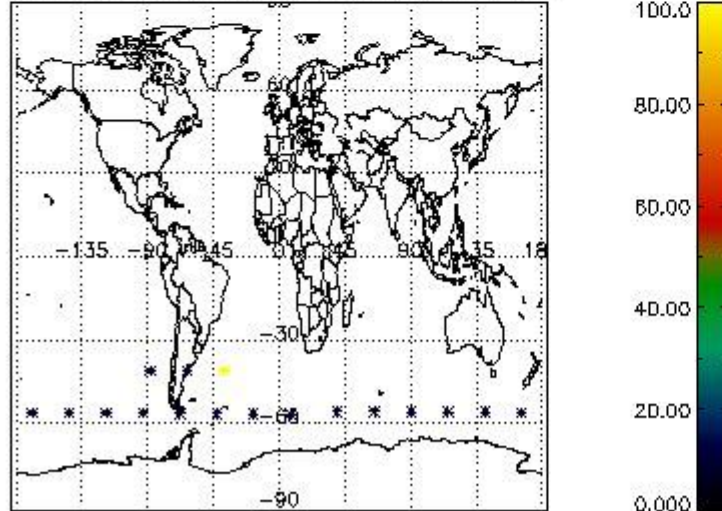
Percentage of flagged data per O3 profile



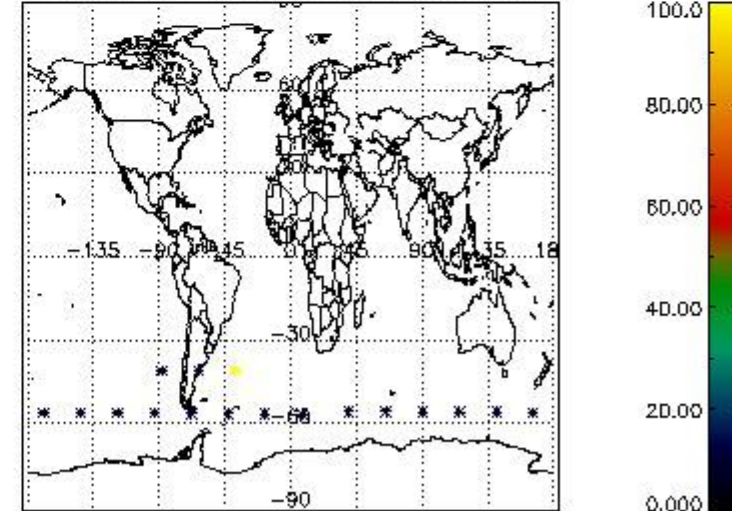
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

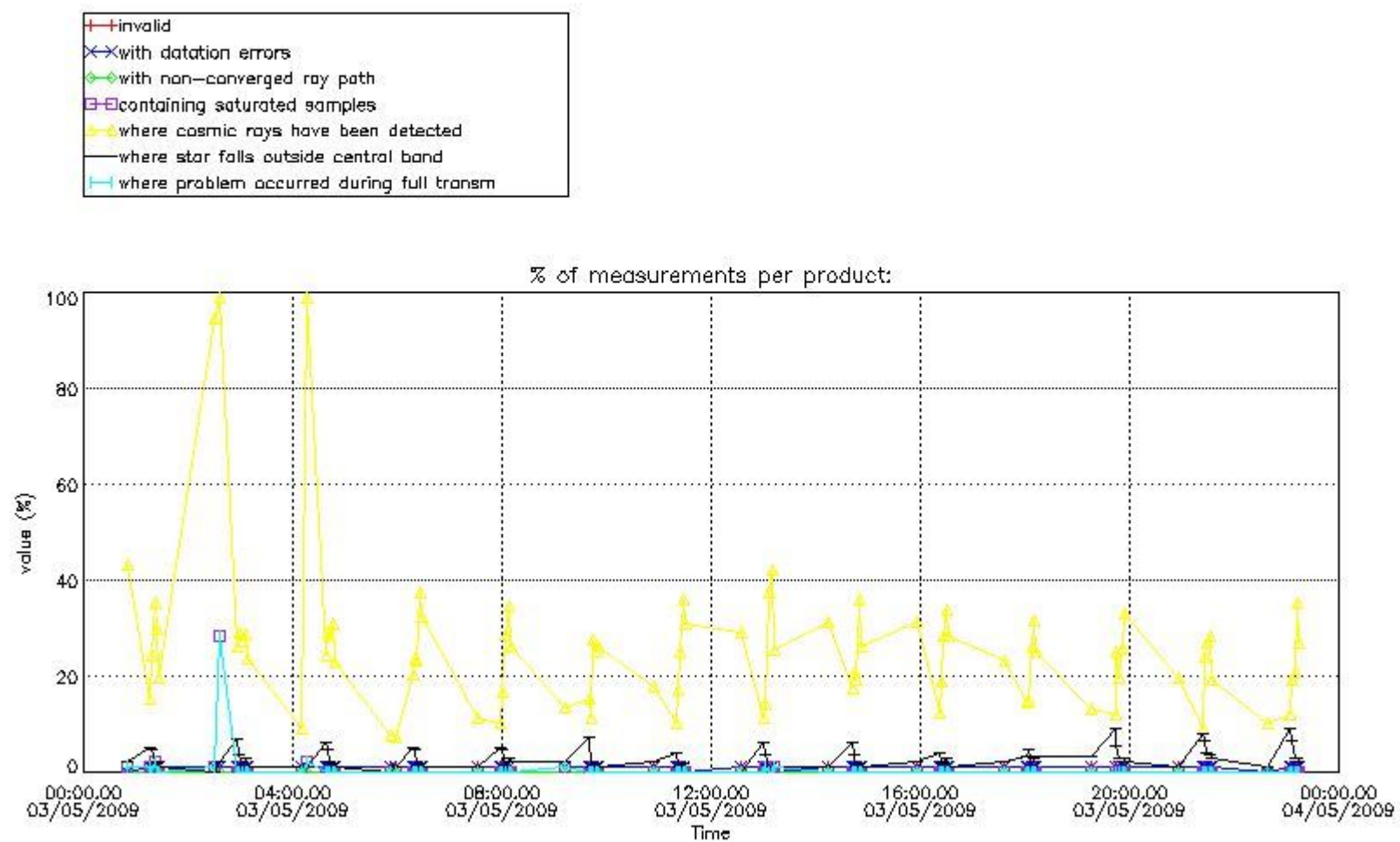


4. Level 1 quality information per product

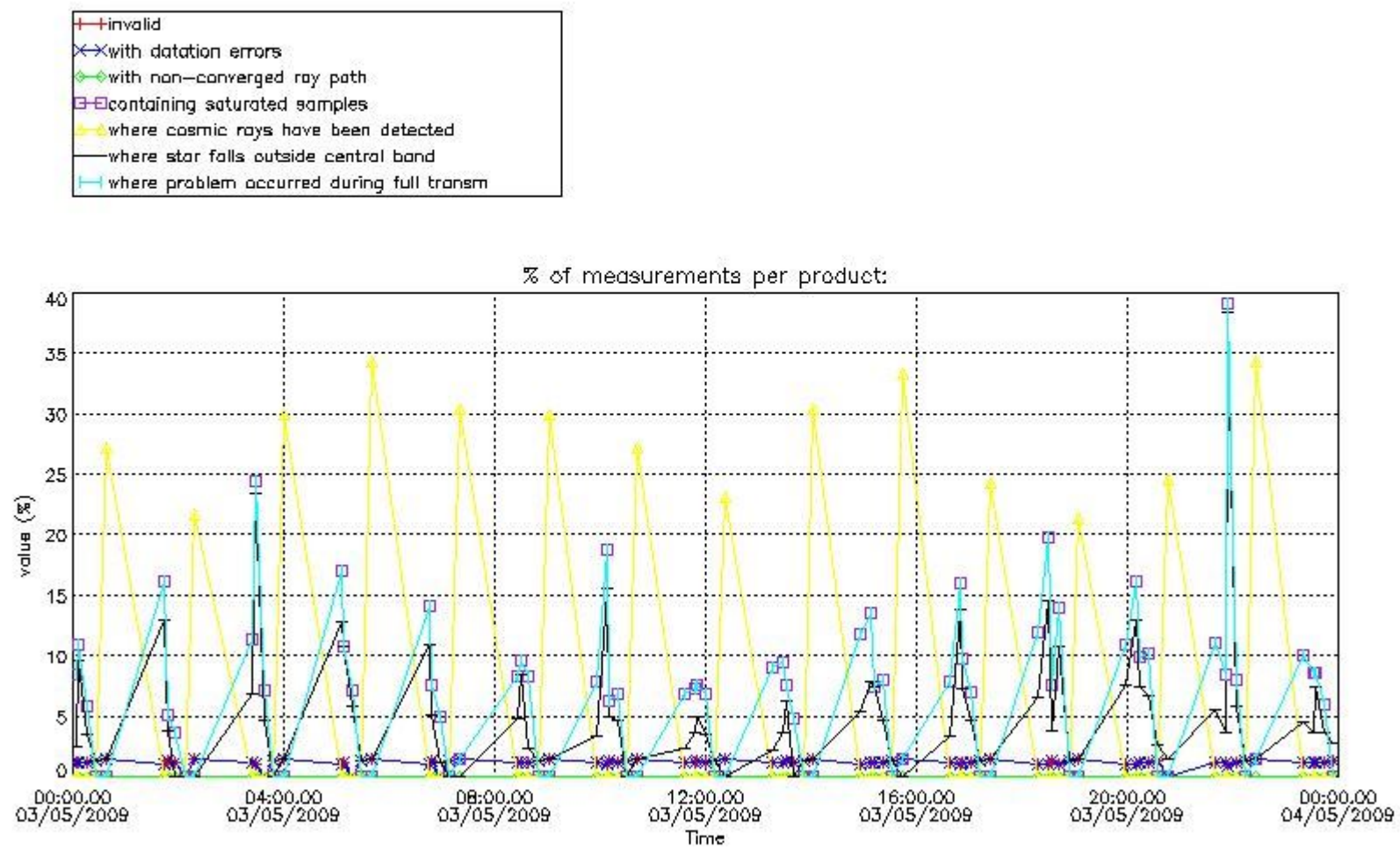
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

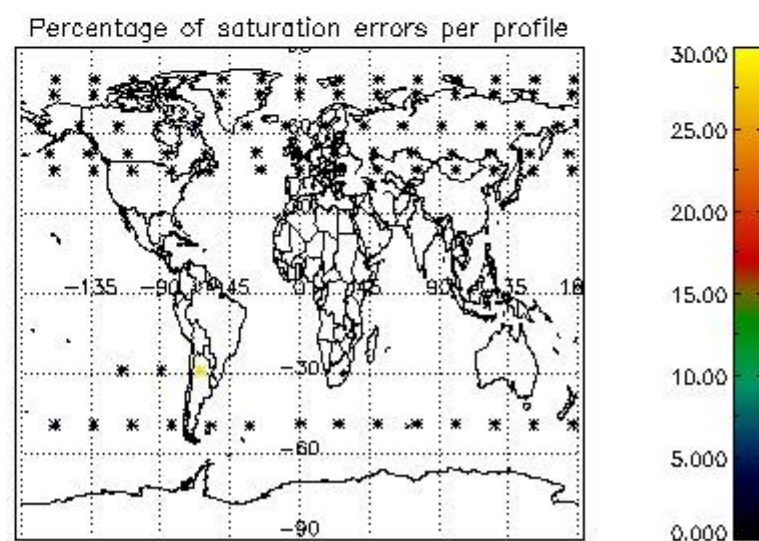
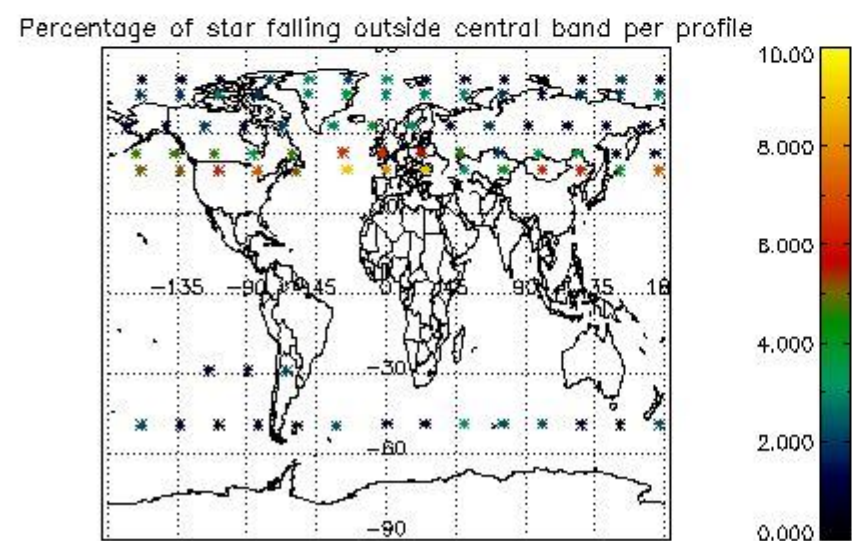
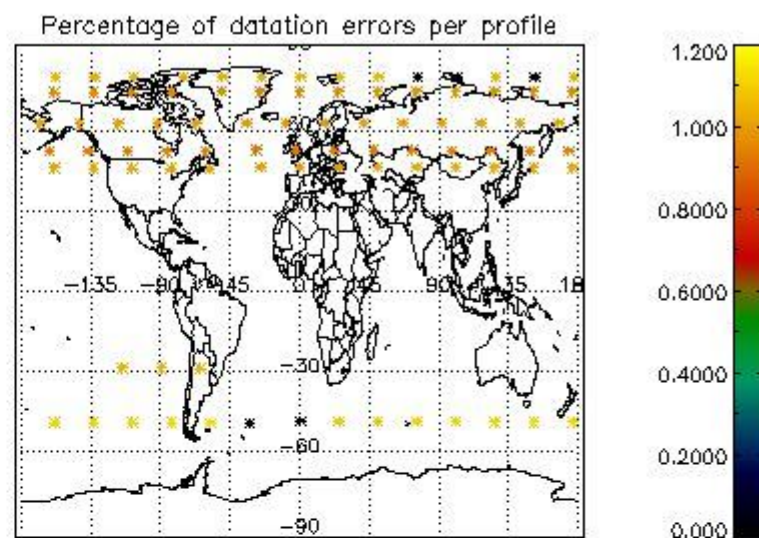
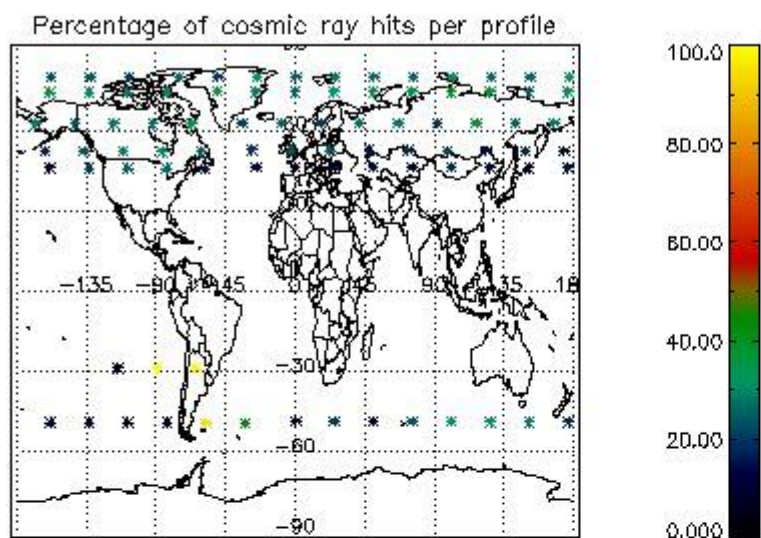


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

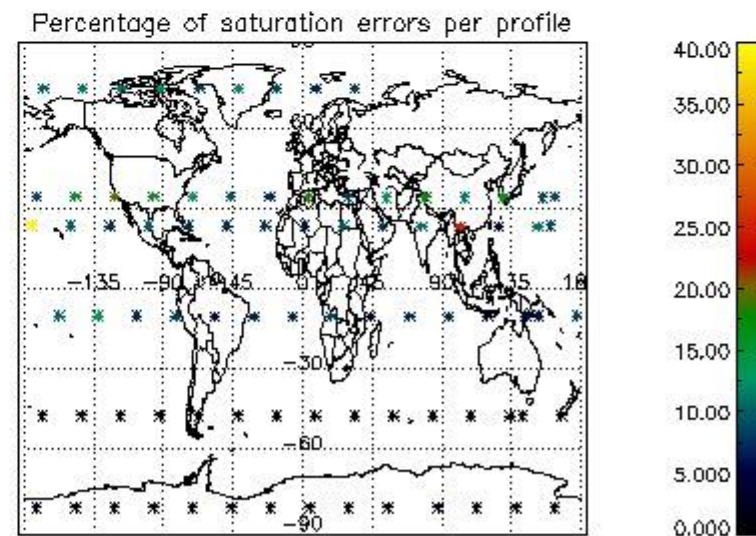
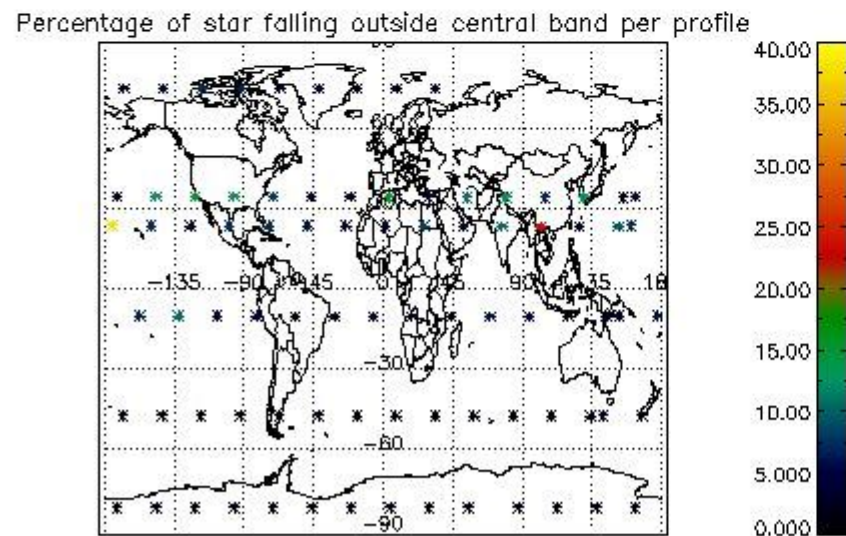
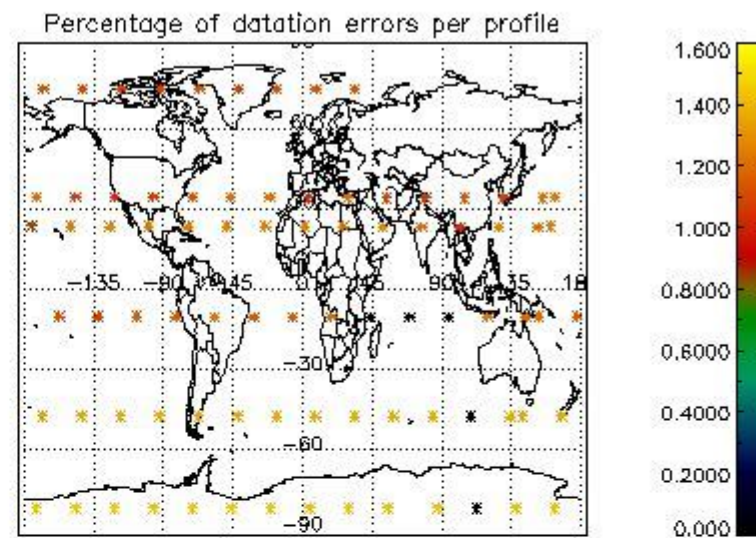
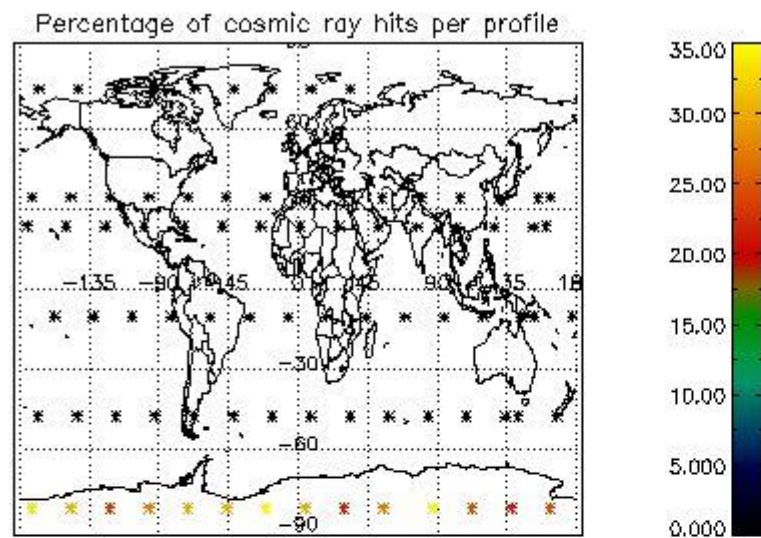


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

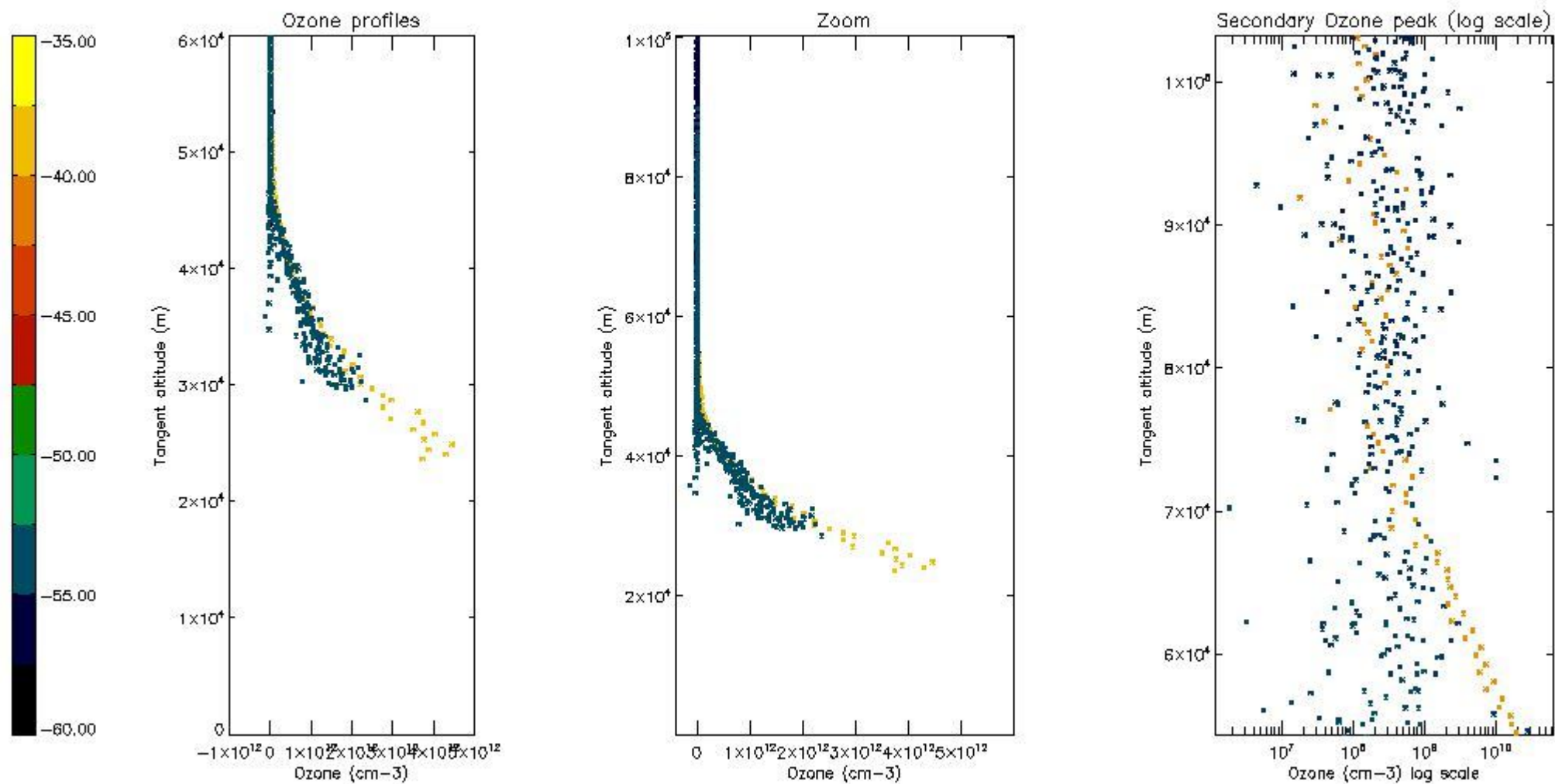
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	10.000
STD < 20	2.0000

STD < 10	0.0000
STD < 5	NaN

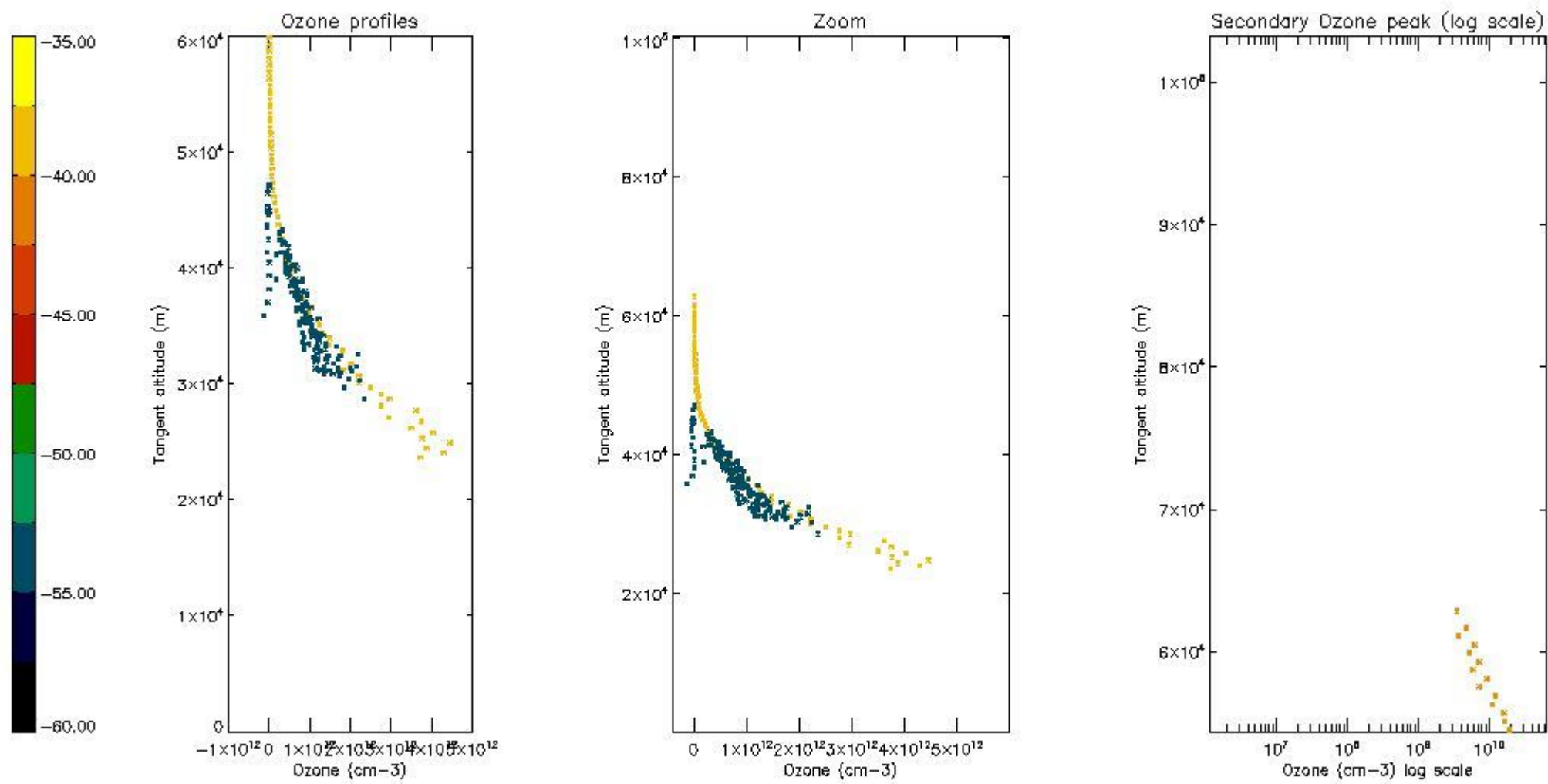
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



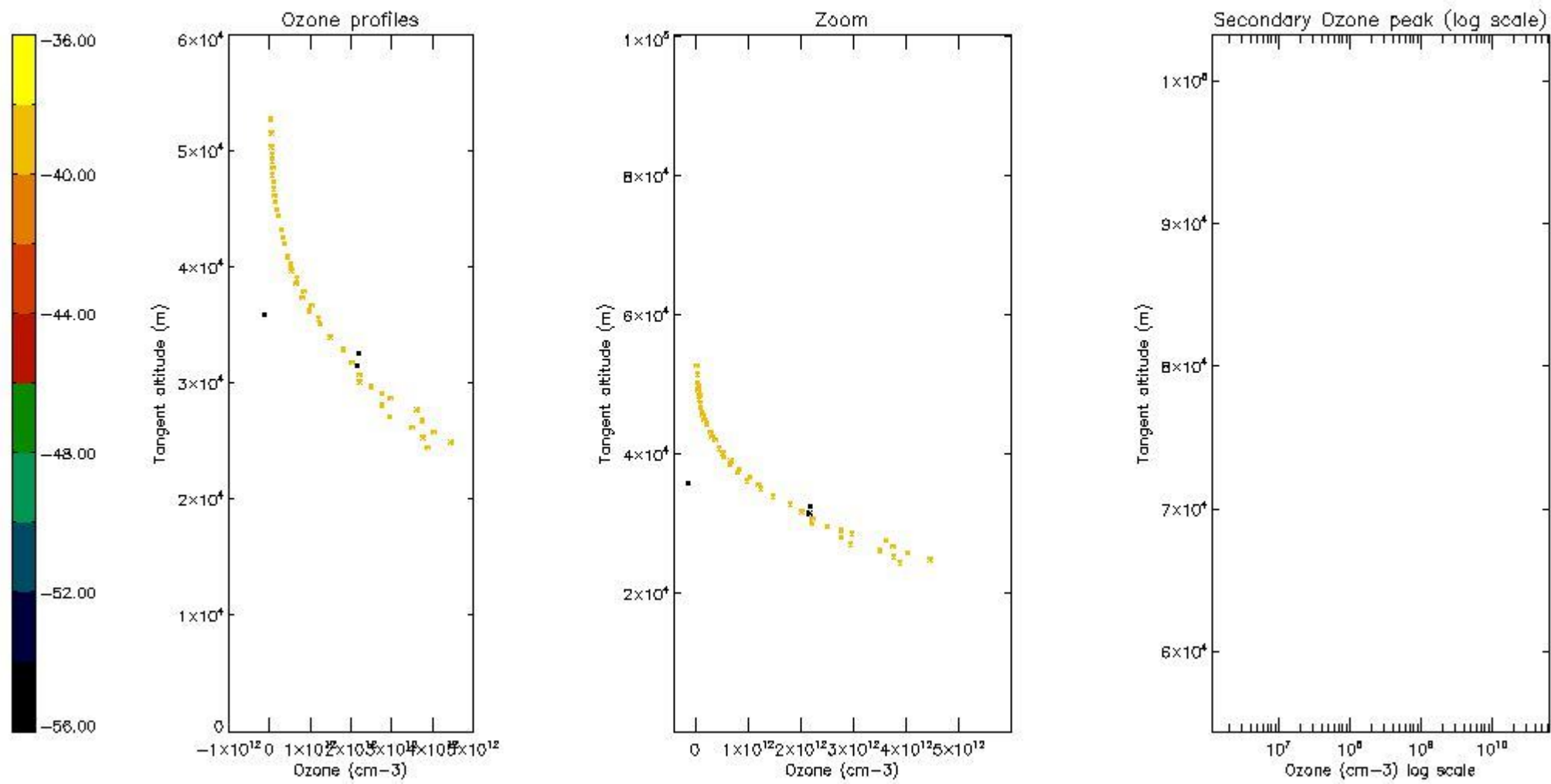
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.

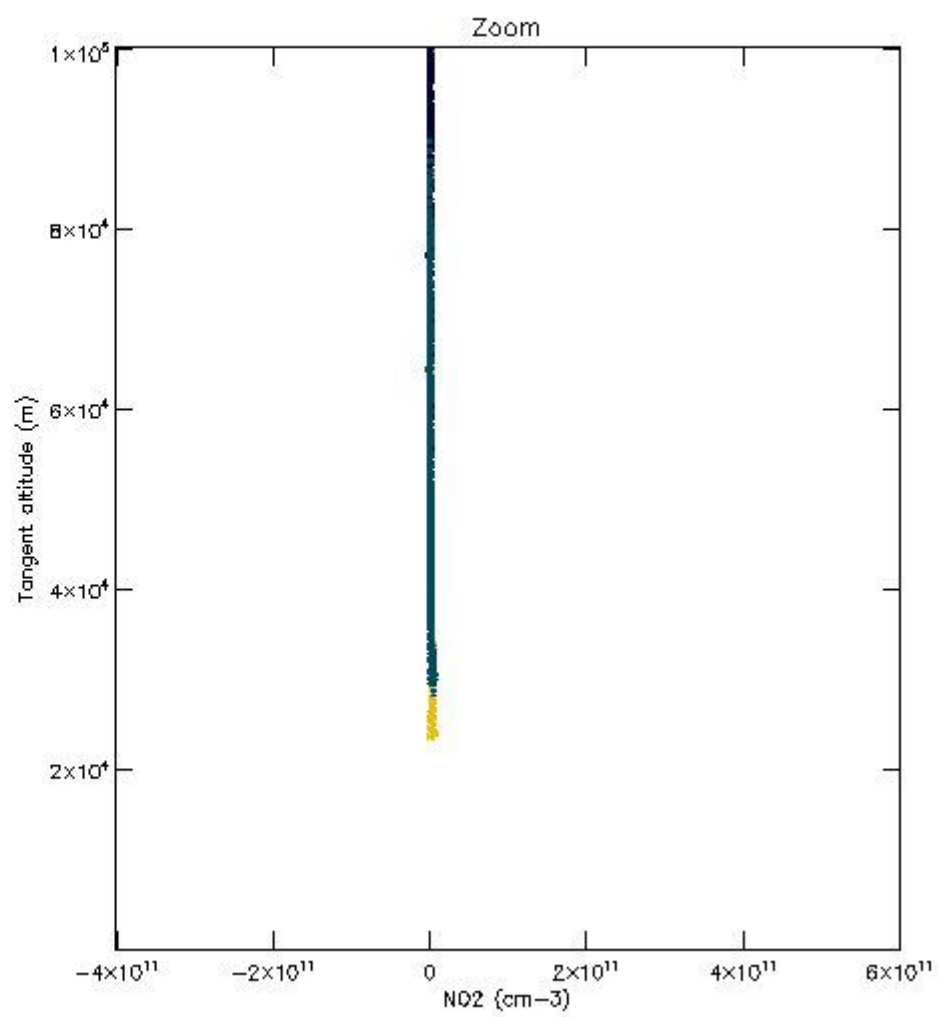
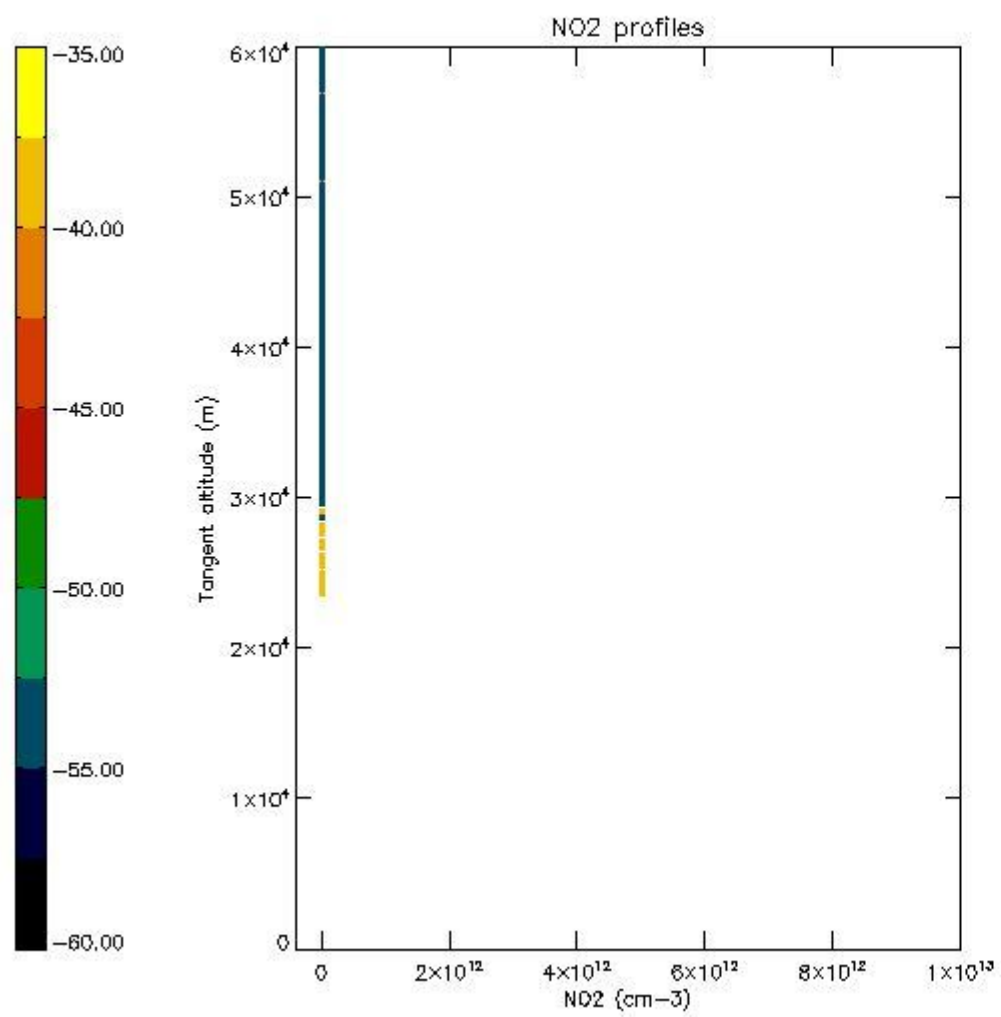


5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.

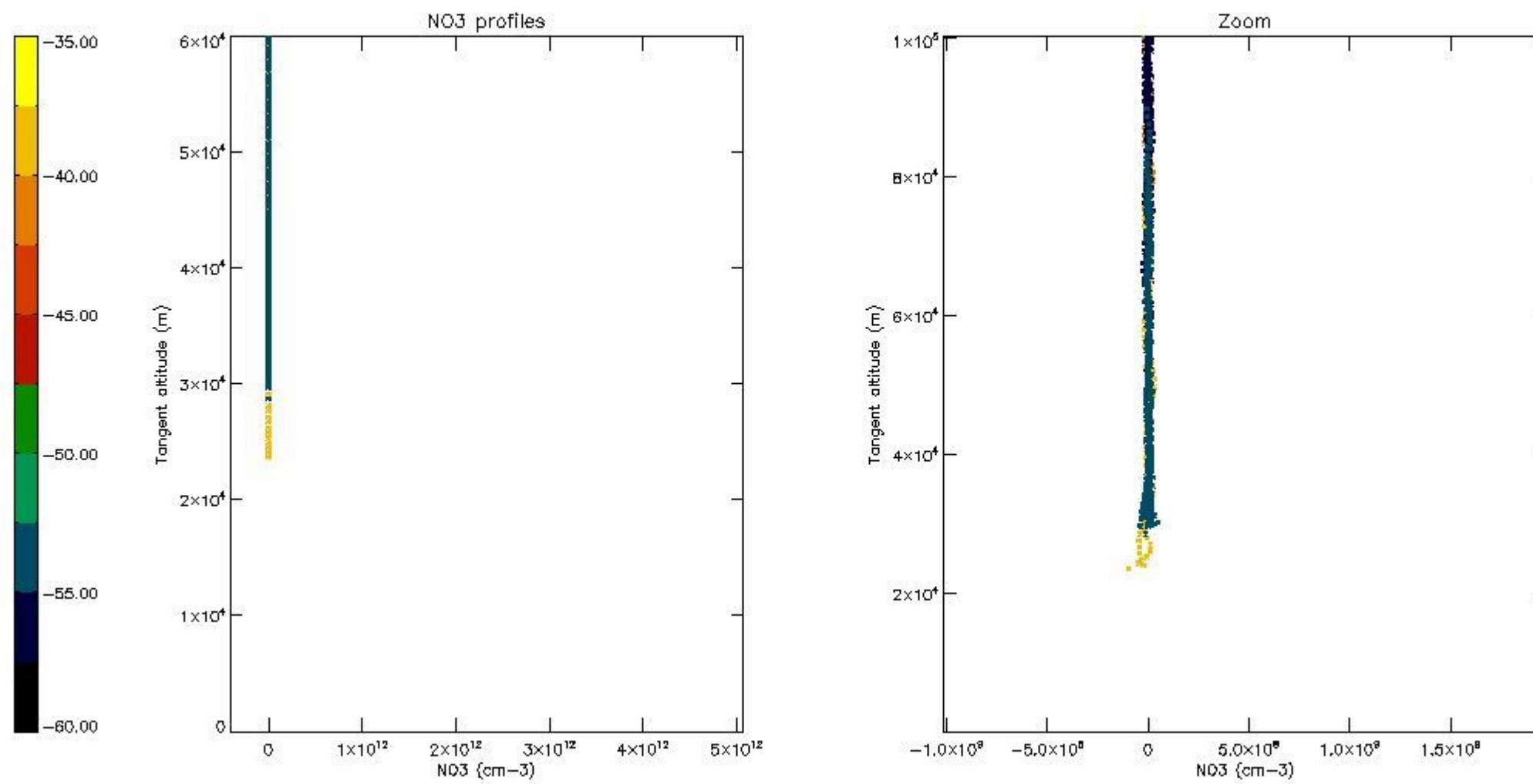
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

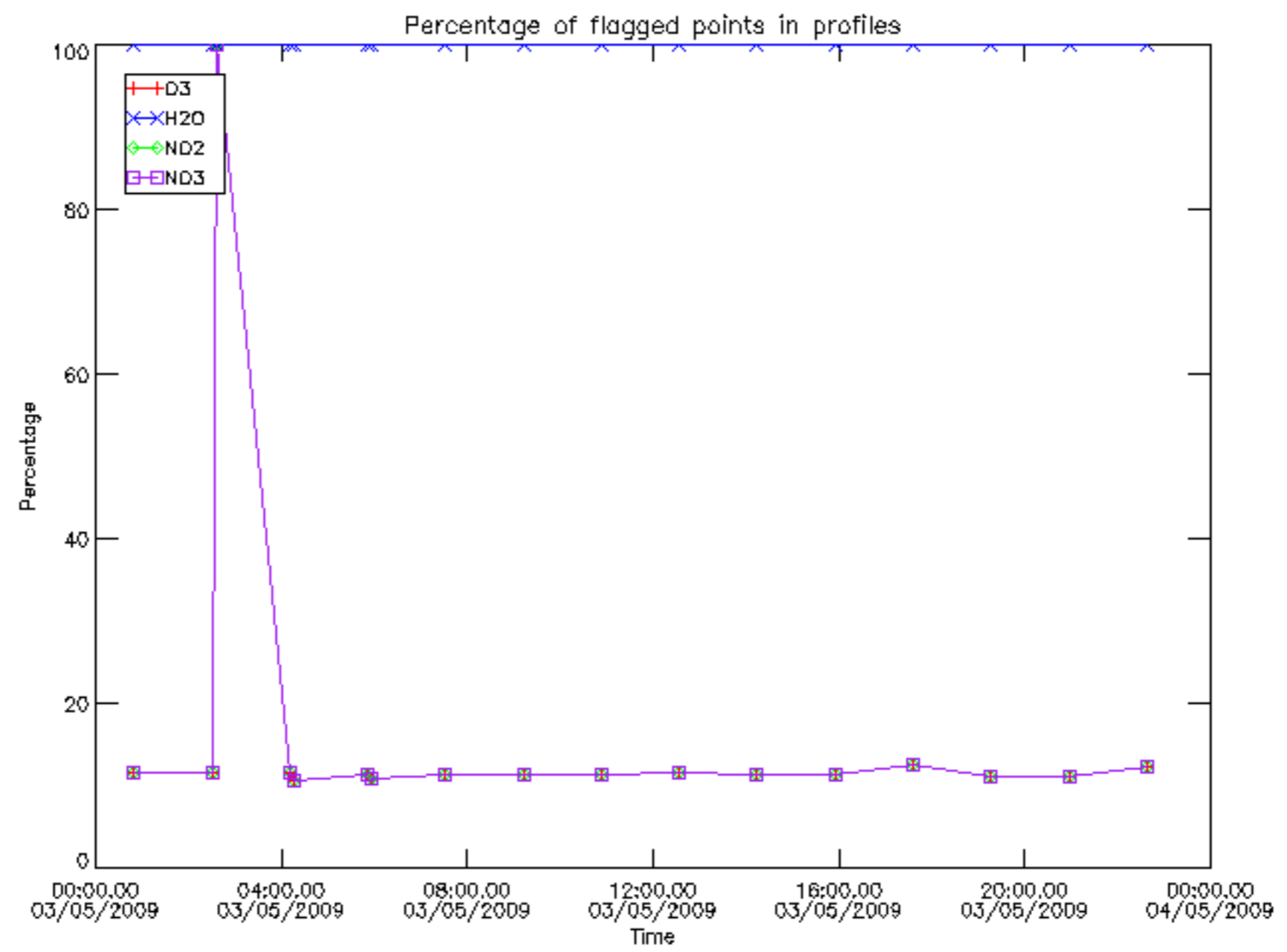
The colorbar represents the latitude.



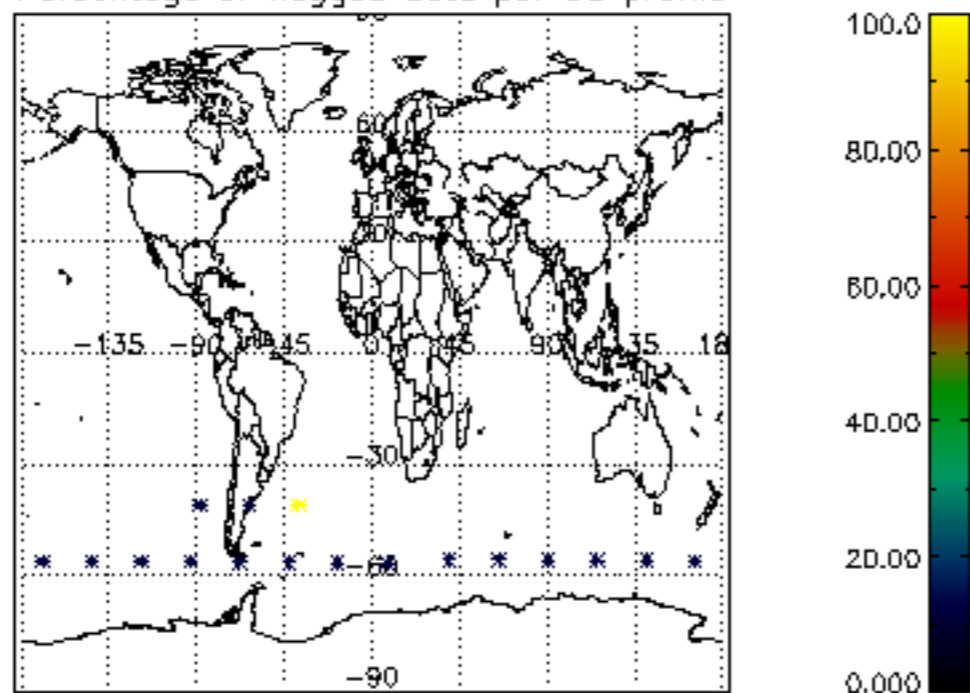
6. Auxiliary Data Files used for the production reported in section 2

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.

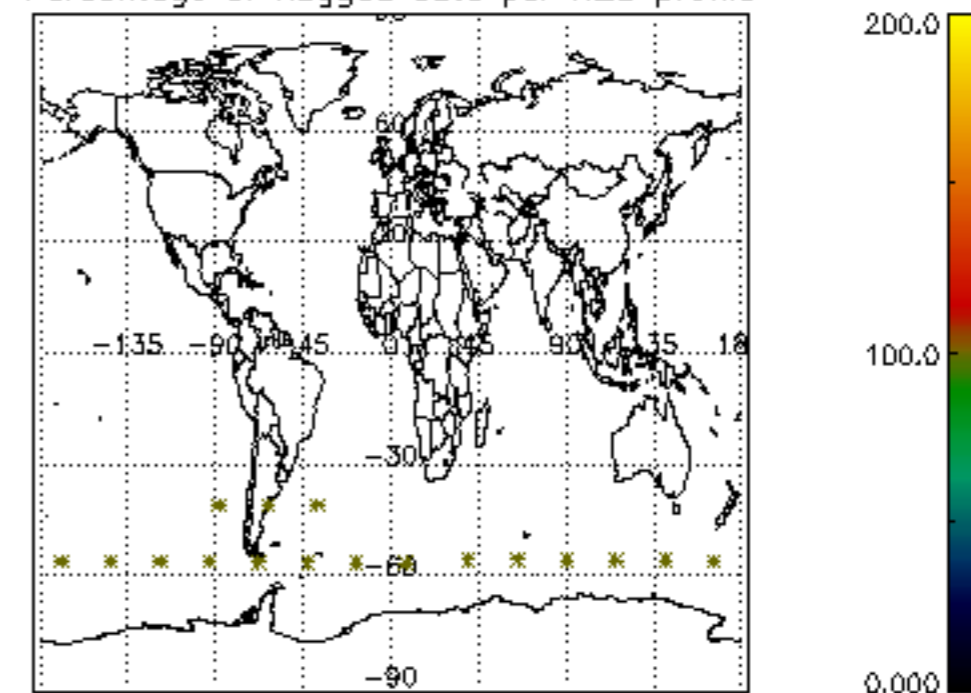
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-MAY-2009 00:03:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-MAY-2009 00:03:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-MAY-2009 00:03:30



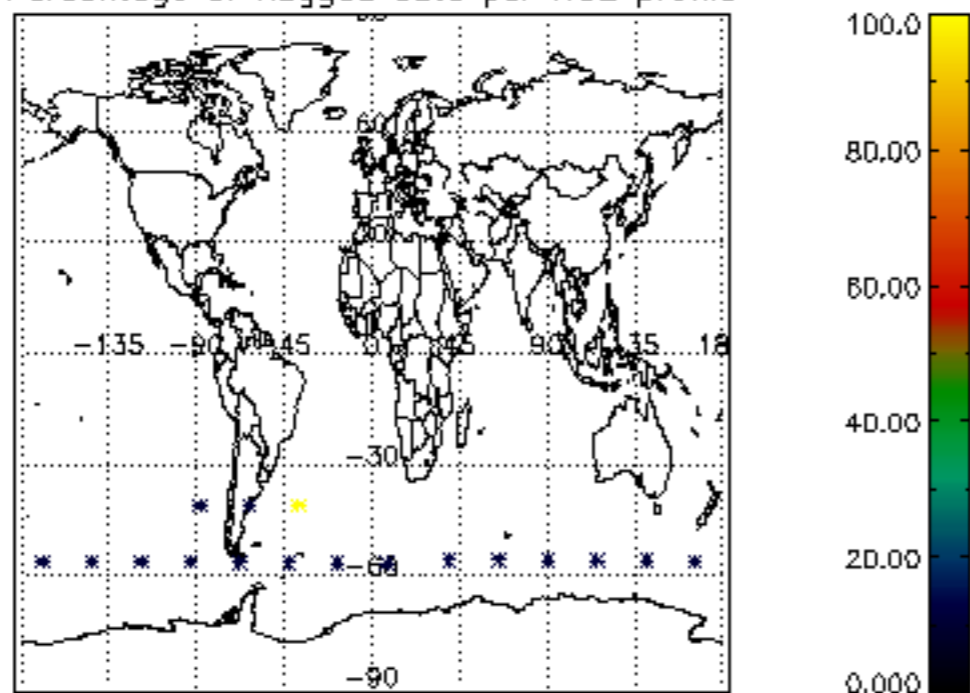
Percentage of flagged data per D3 profile



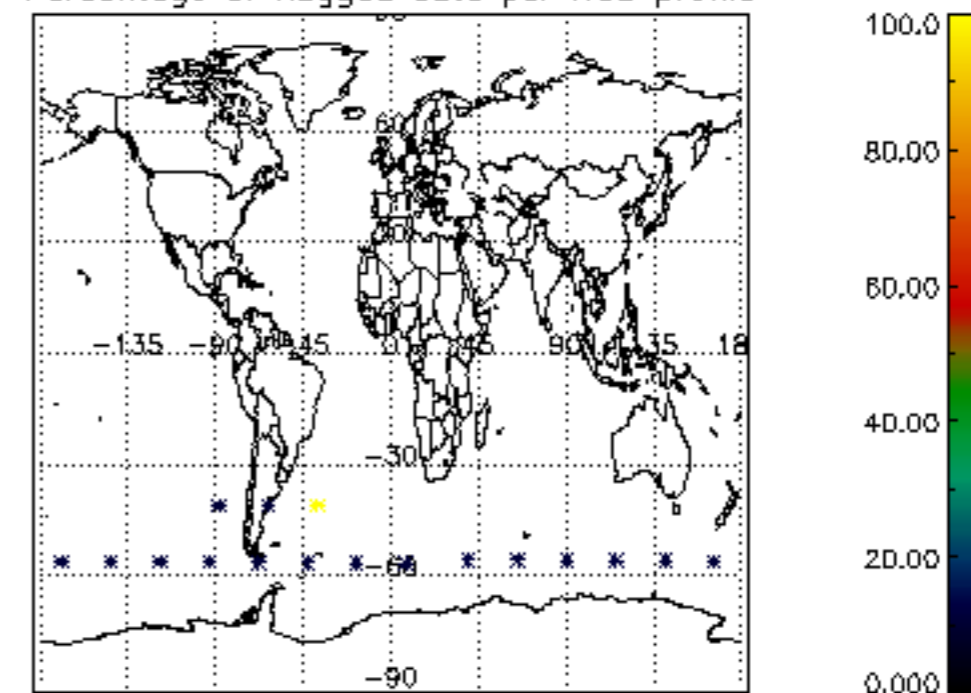
Percentage of flagged data per H2O profile

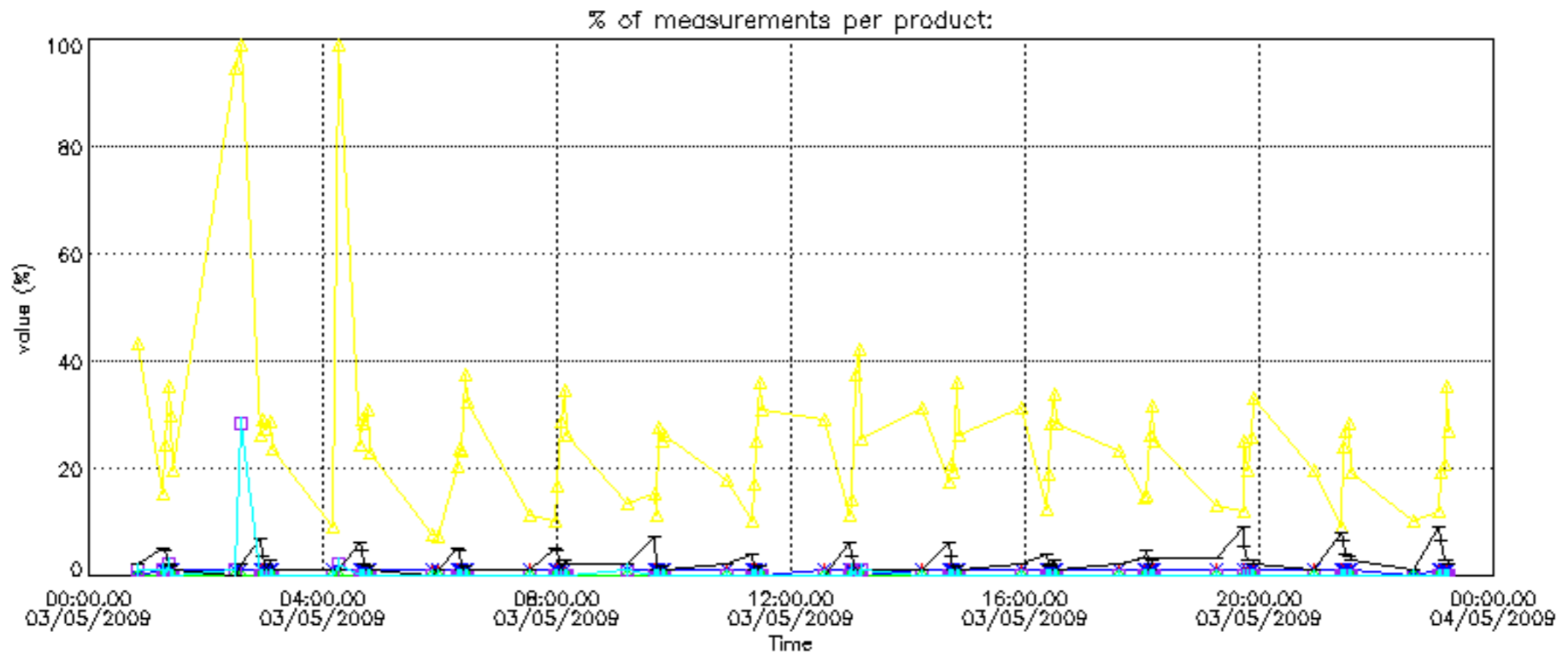


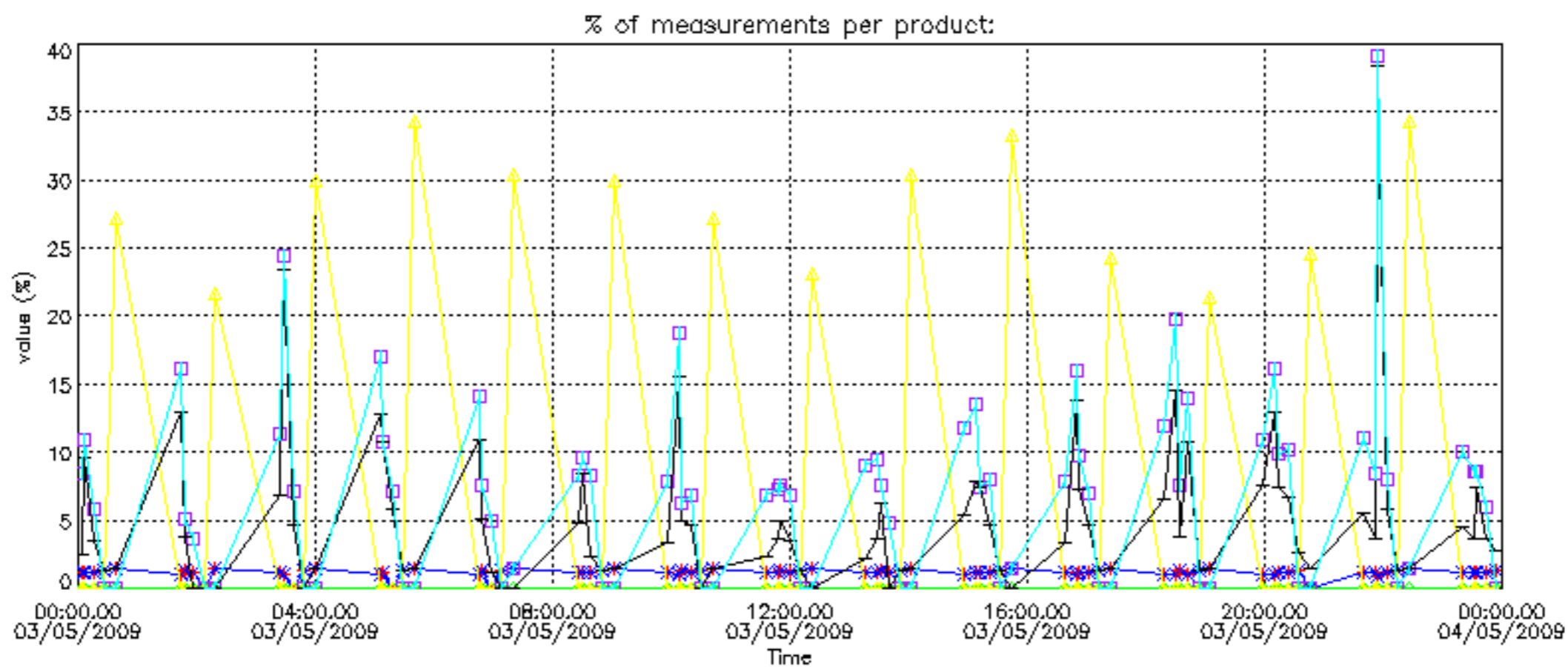
Percentage of flagged data per NO2 profile



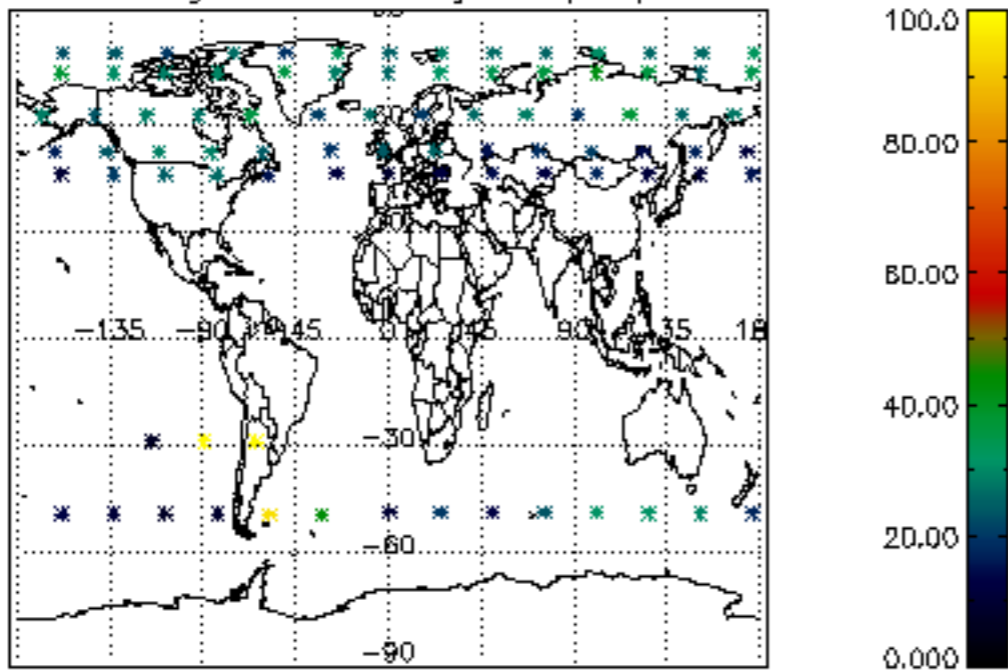
Percentage of flagged data per NO3 profile



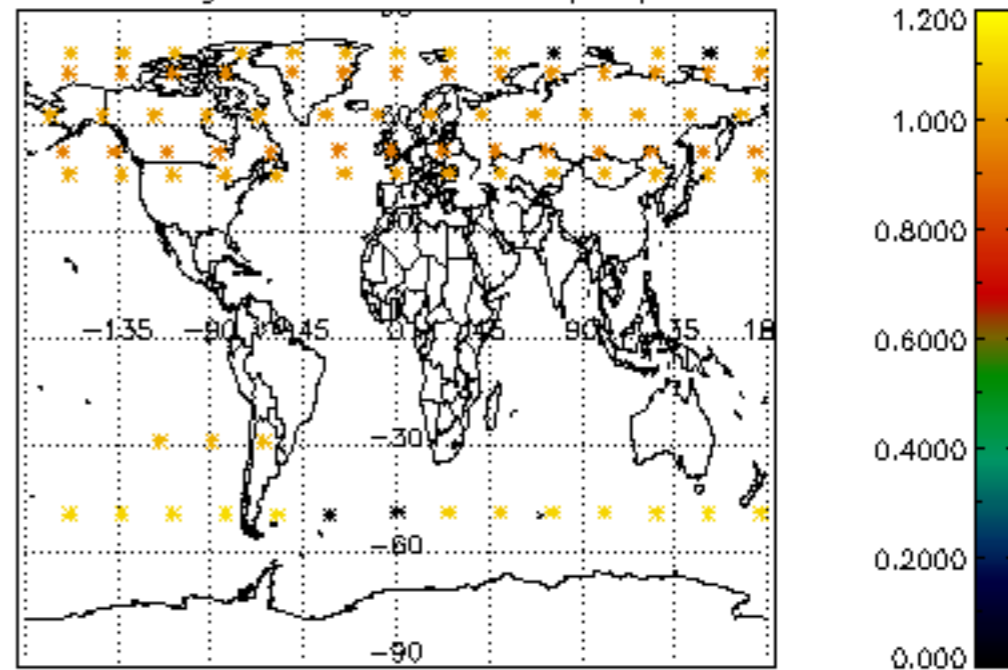




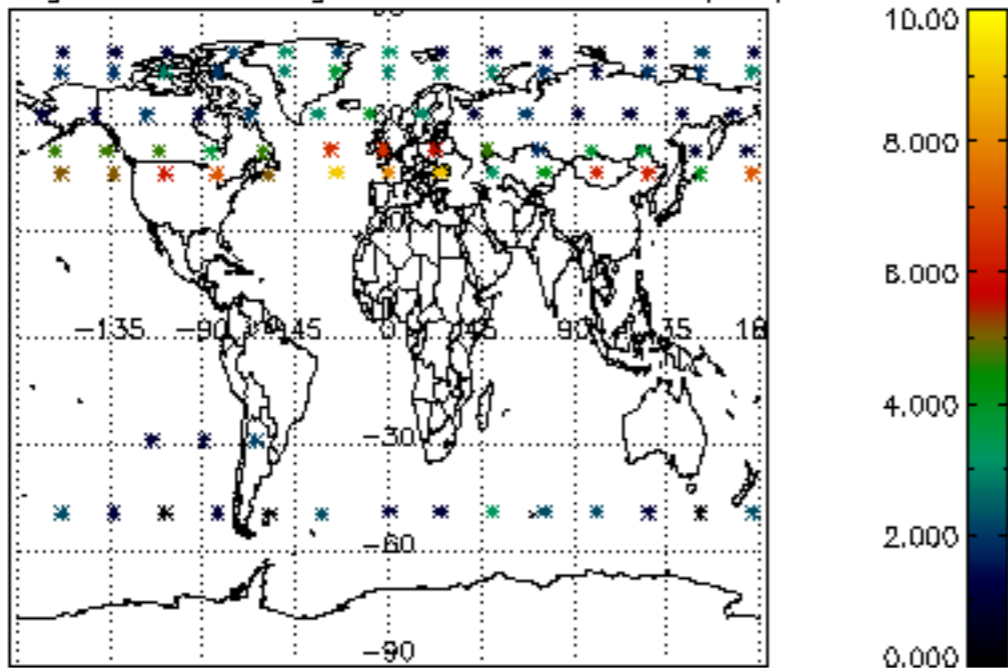
Percentage of cosmic ray hits per profile



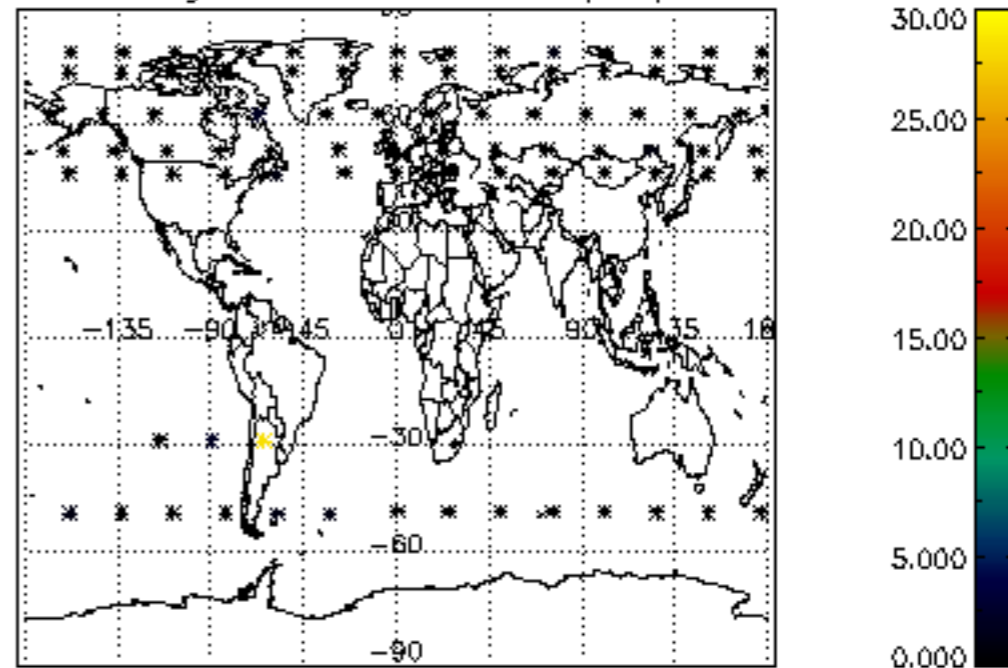
Percentage of datation errors per profile



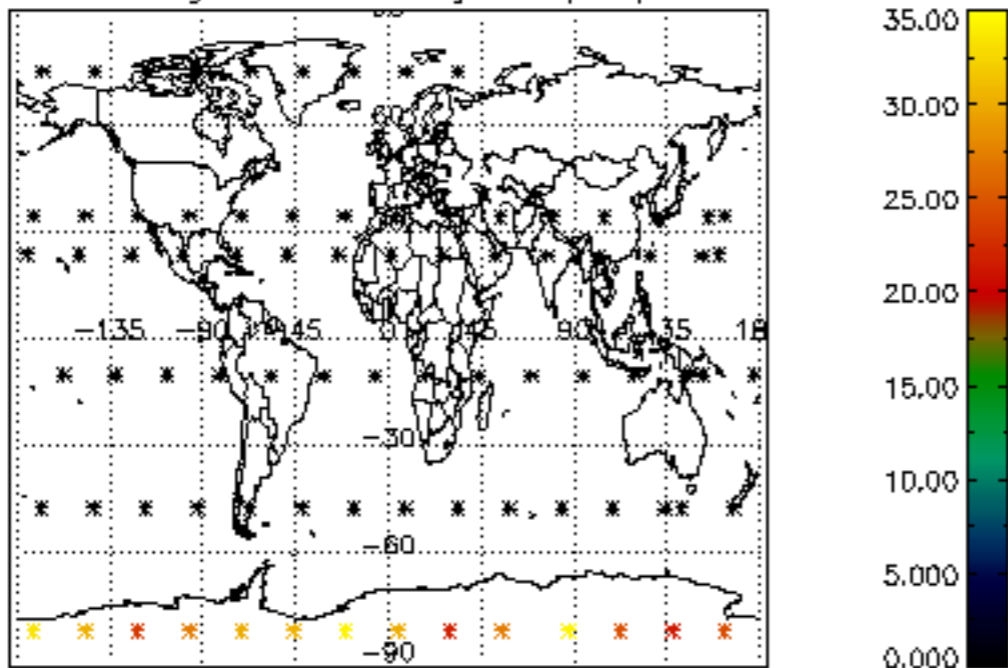
Percentage of star falling outside central band per profile



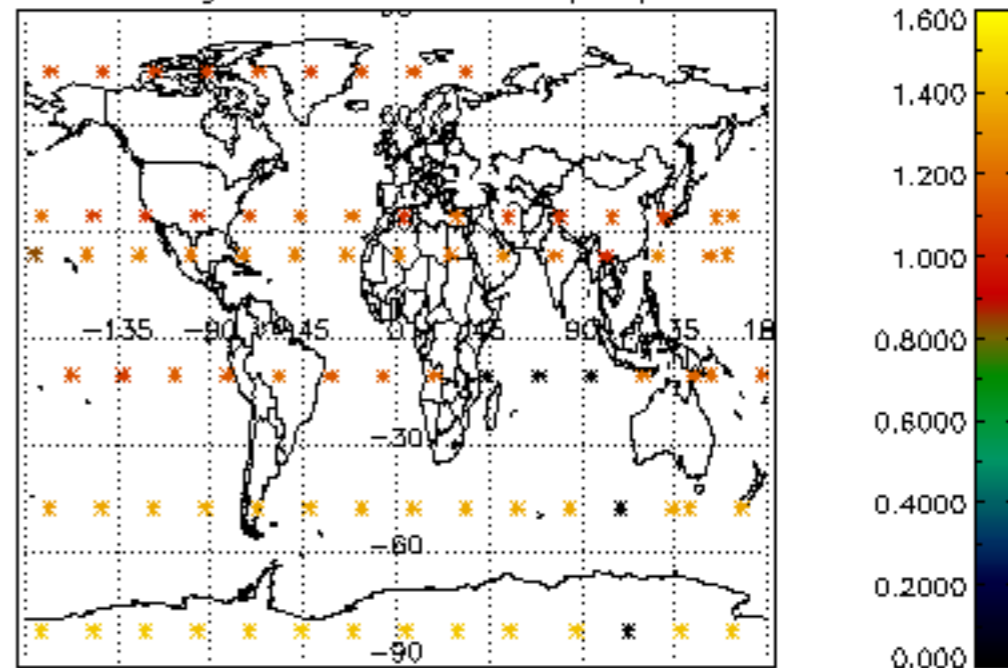
Percentage of saturation errors per profile



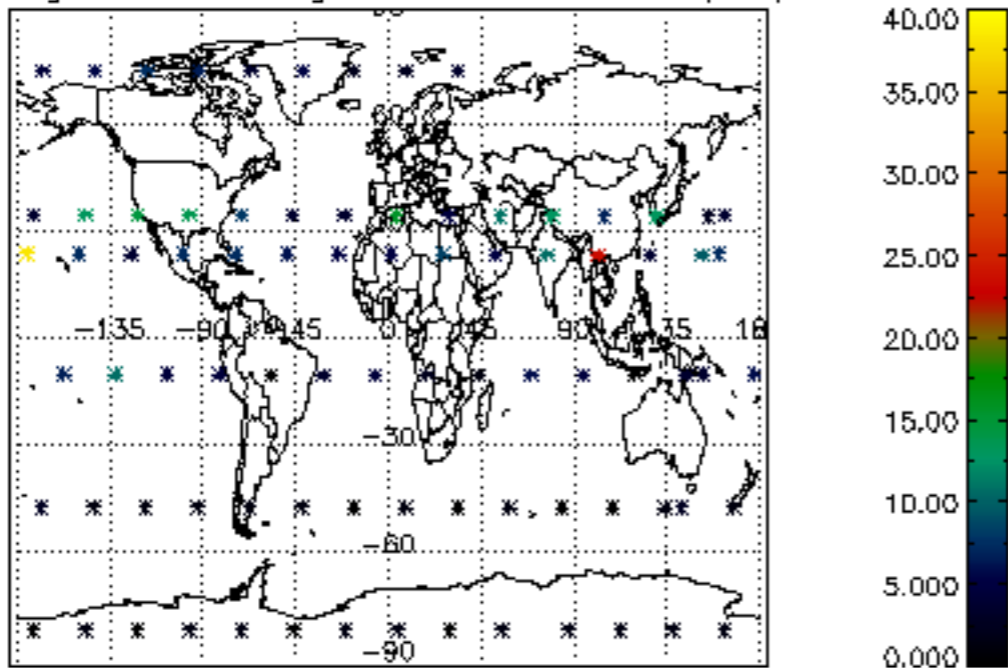
Percentage of cosmic ray hits per profile



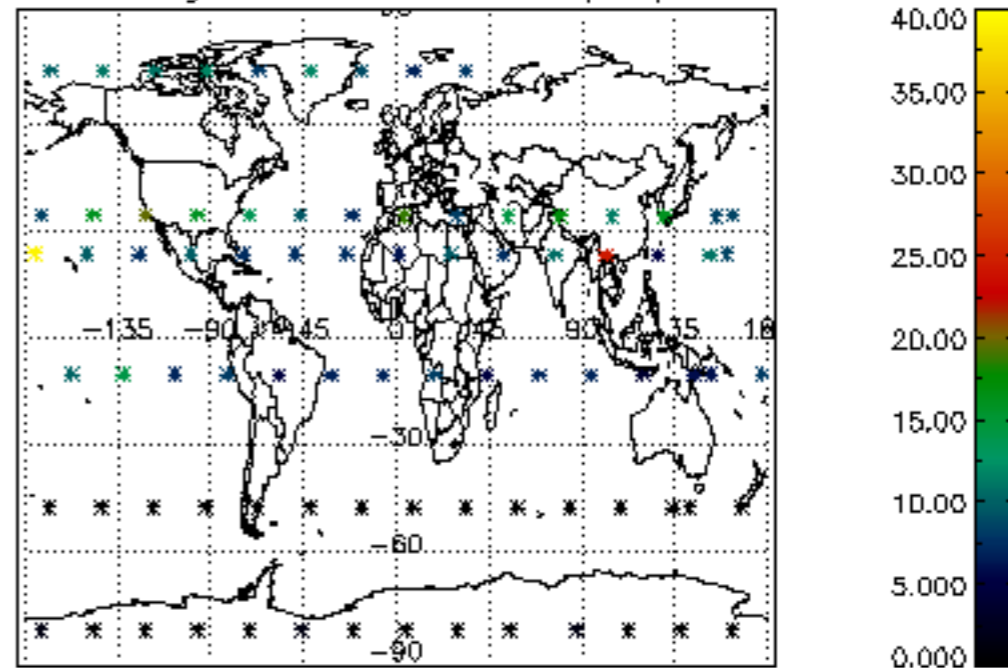
Percentage of datation errors per profile

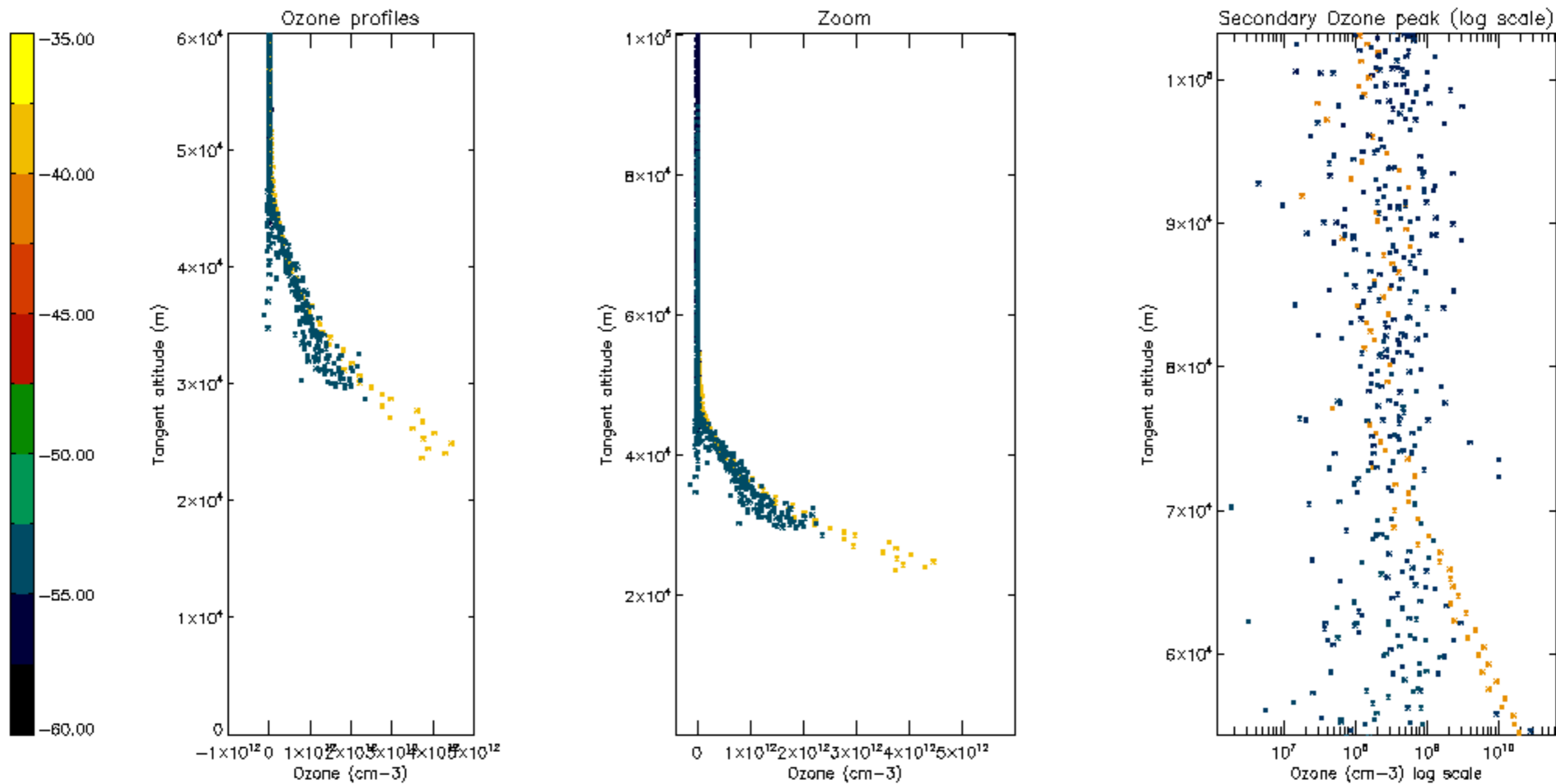


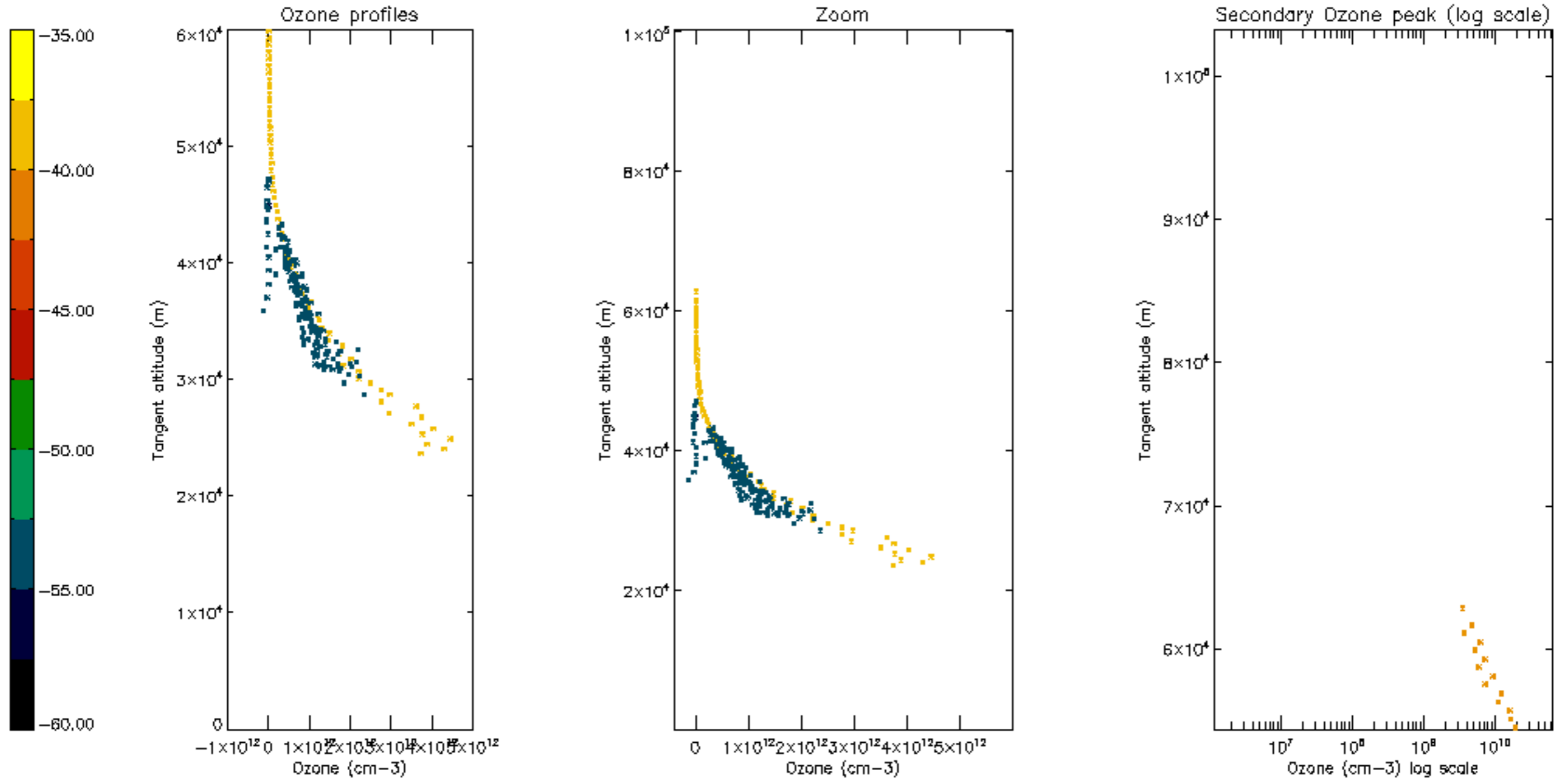
Percentage of star falling outside central band per profile

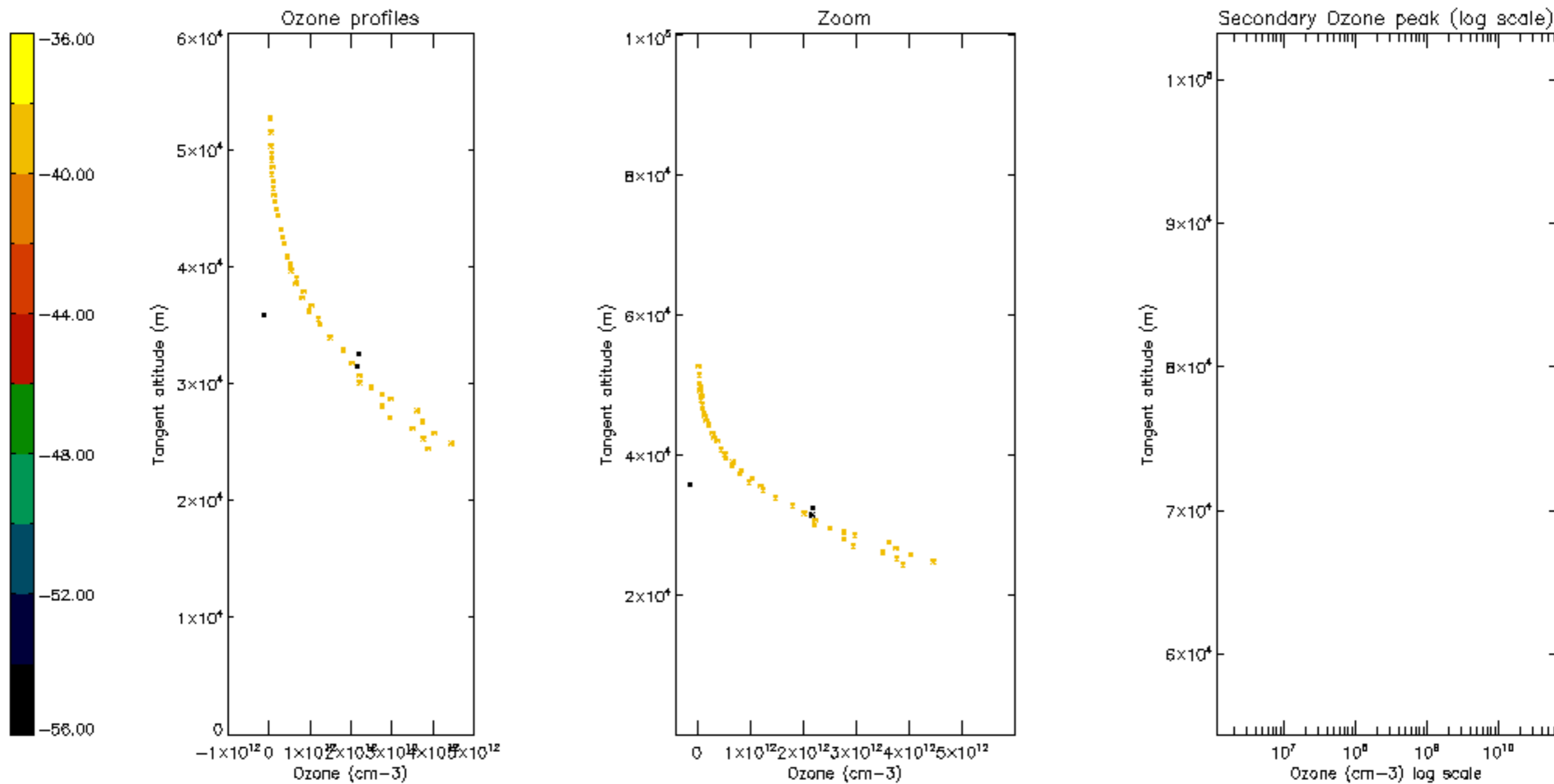


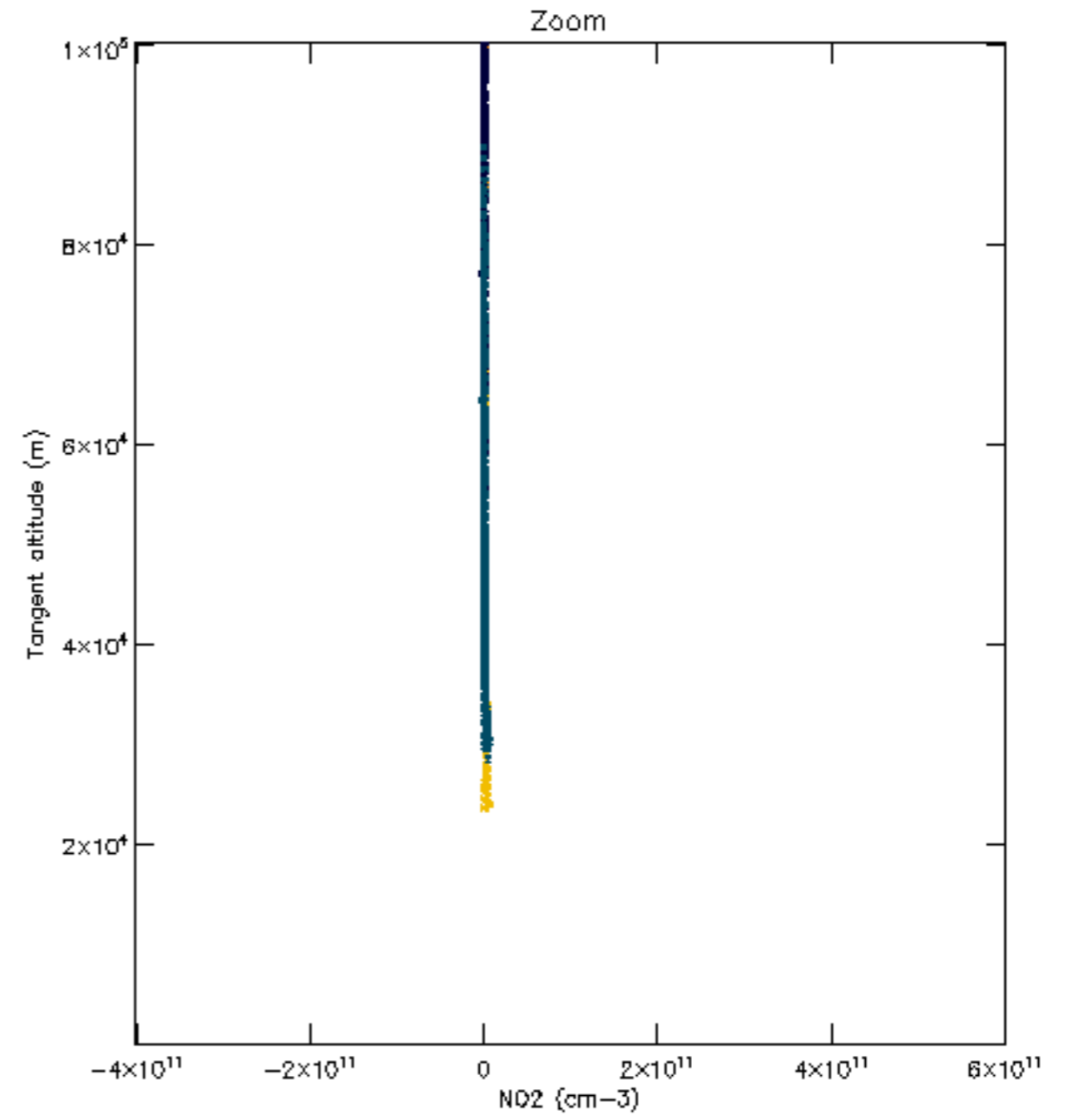
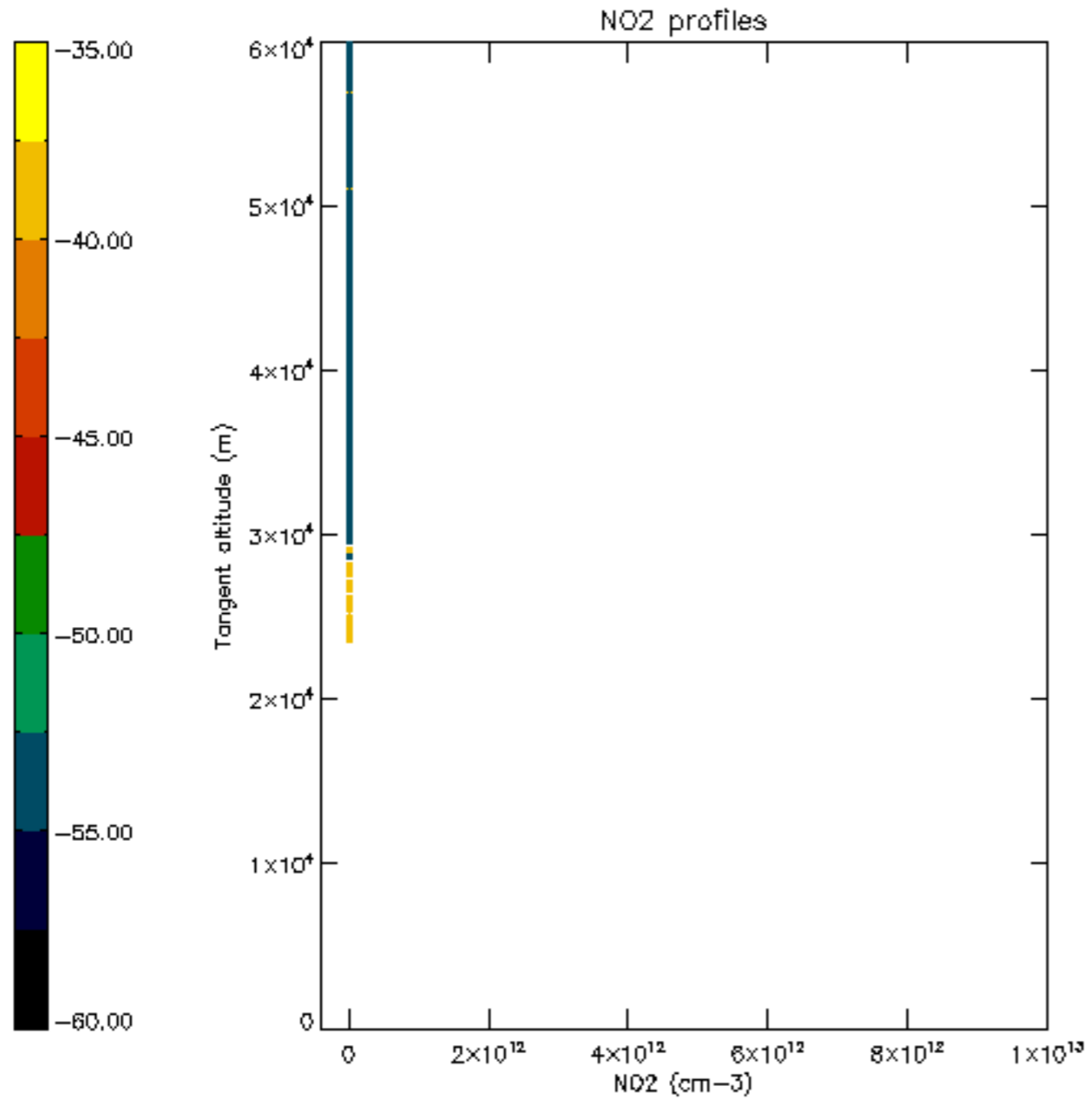
Percentage of saturation errors per profile

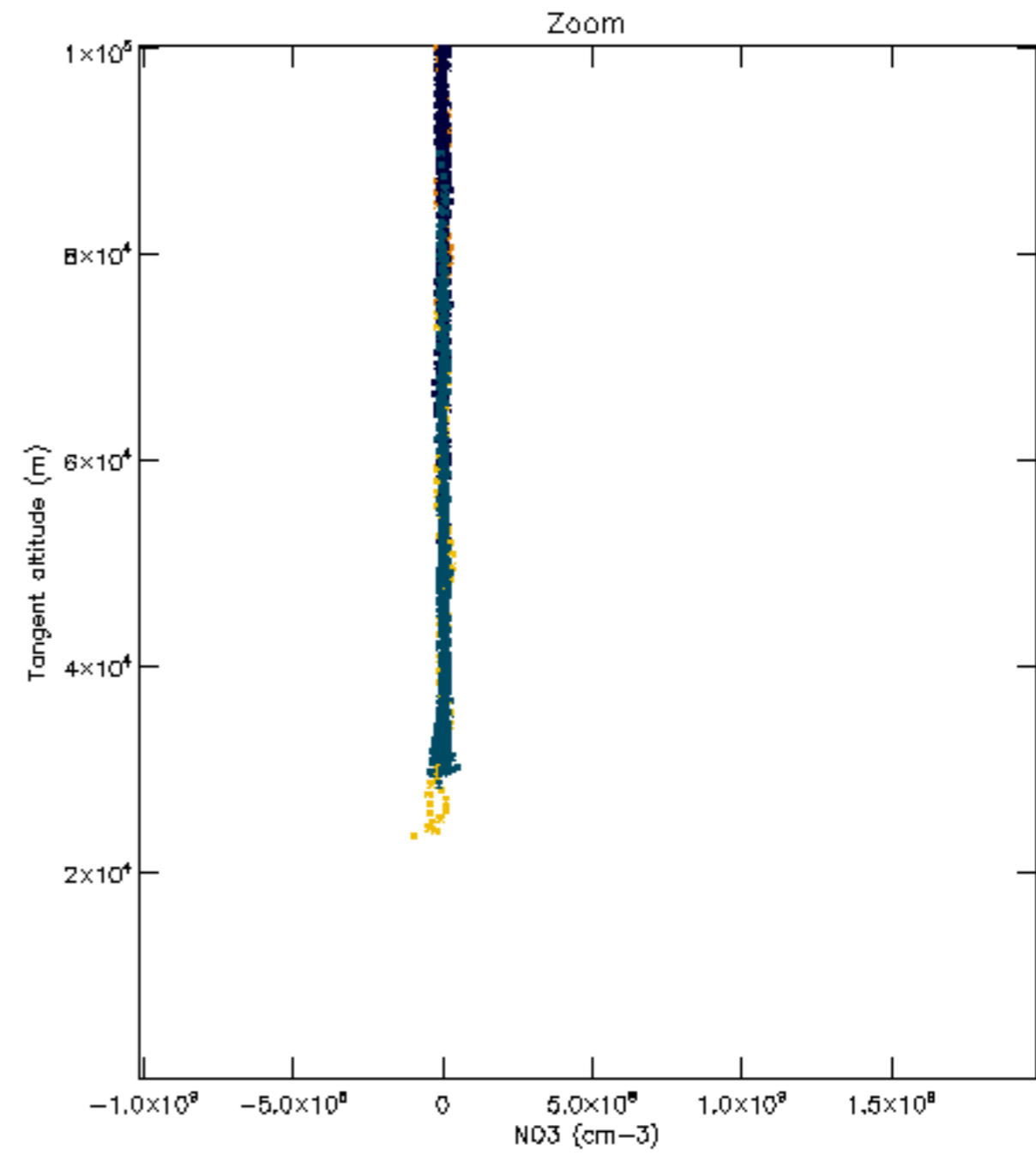
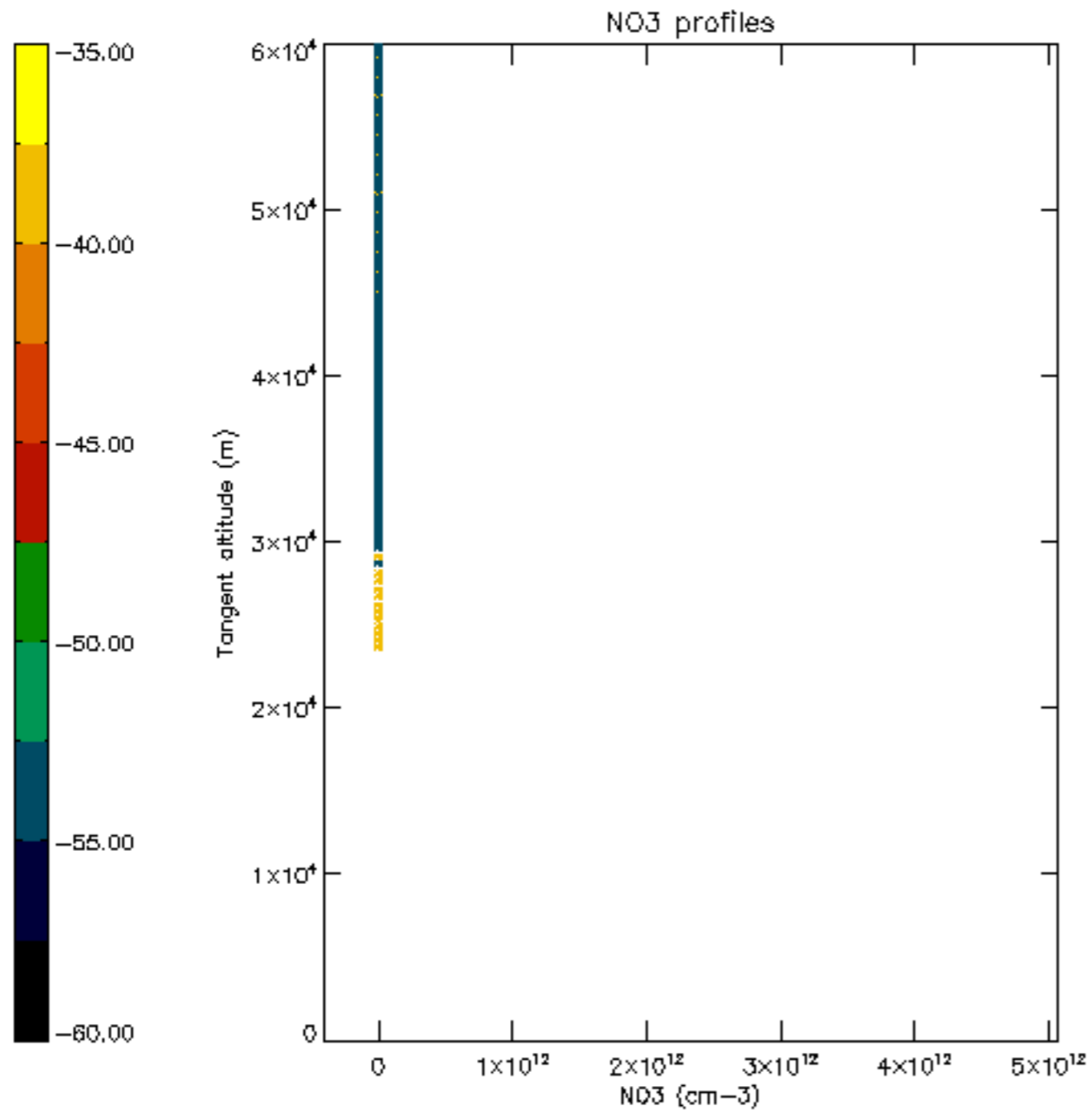


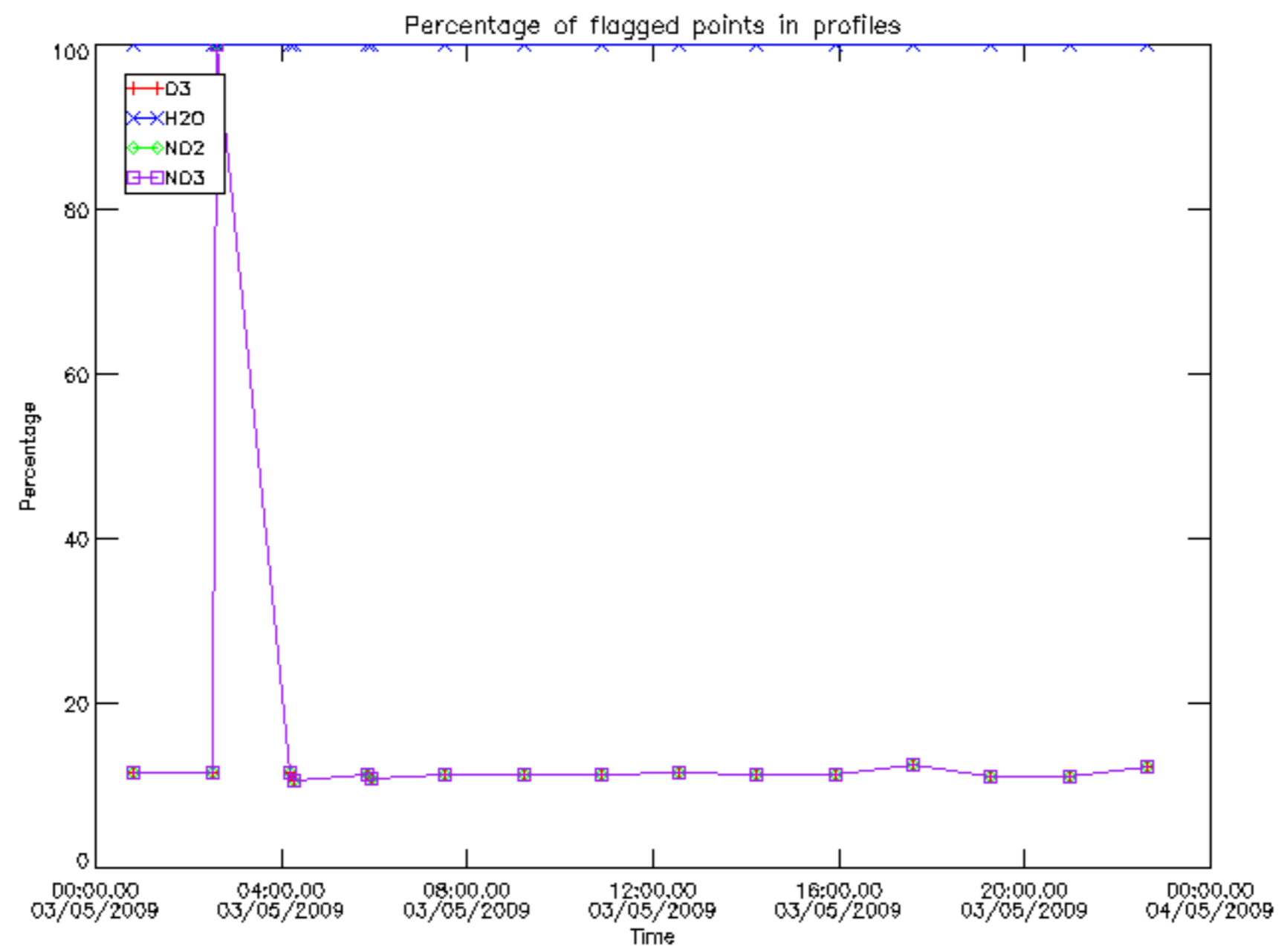




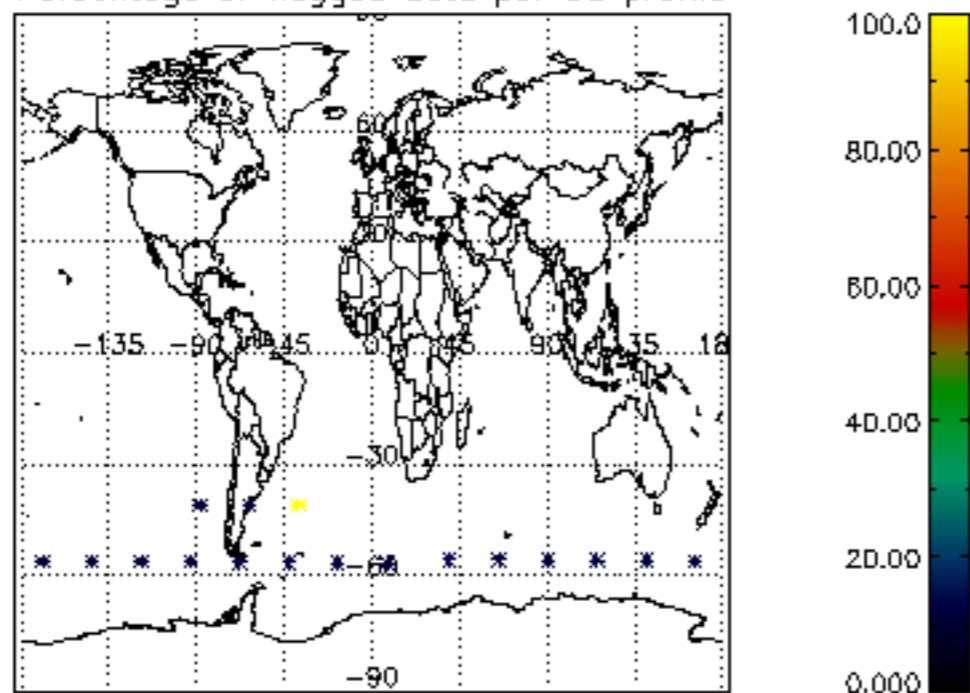




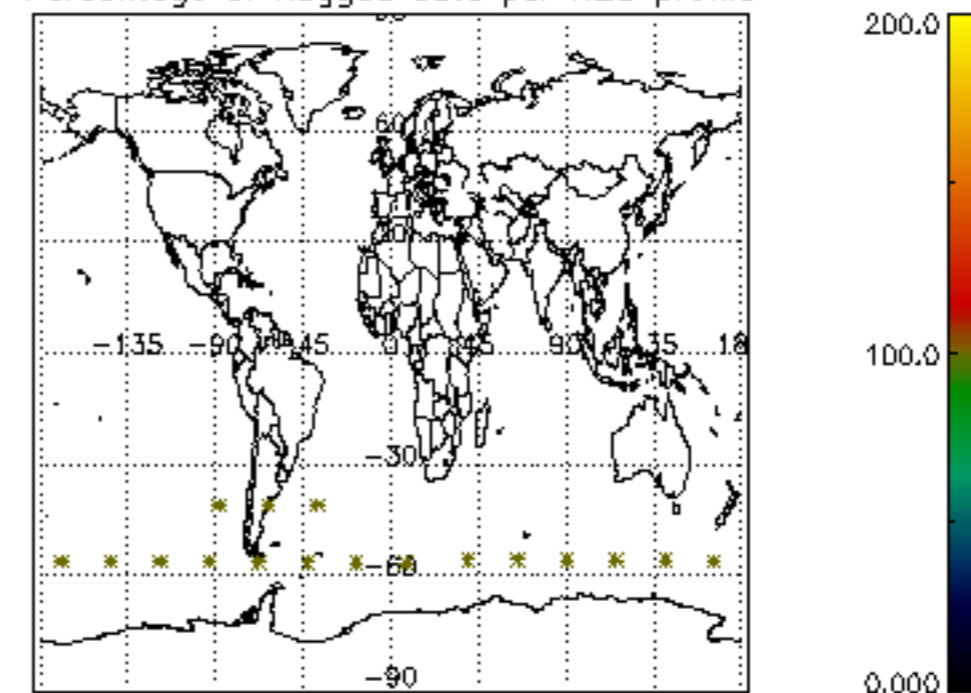




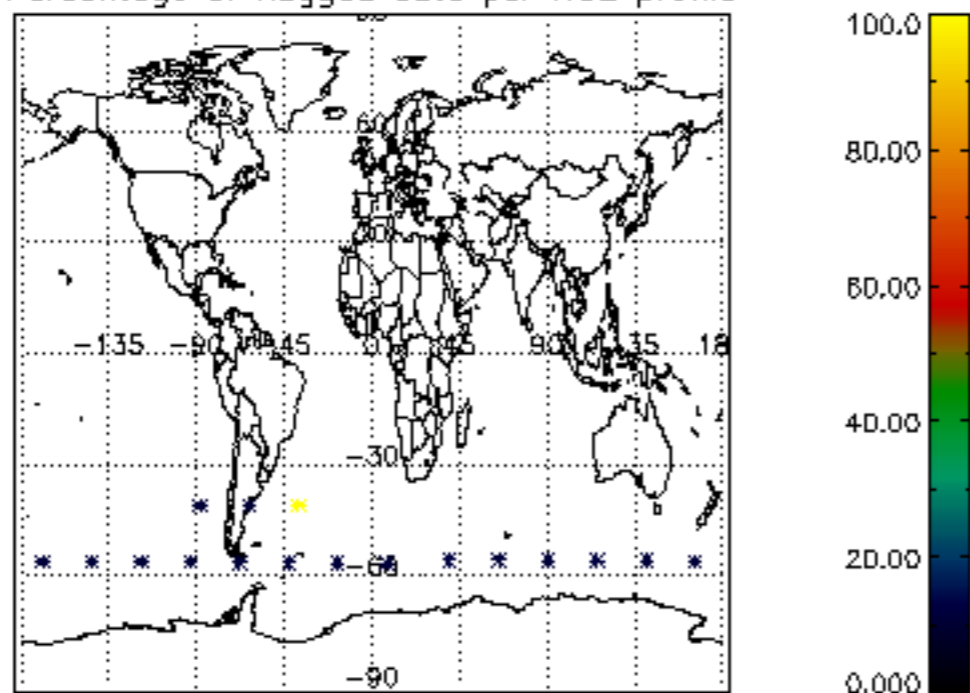
Percentage of flagged data per D3 profile



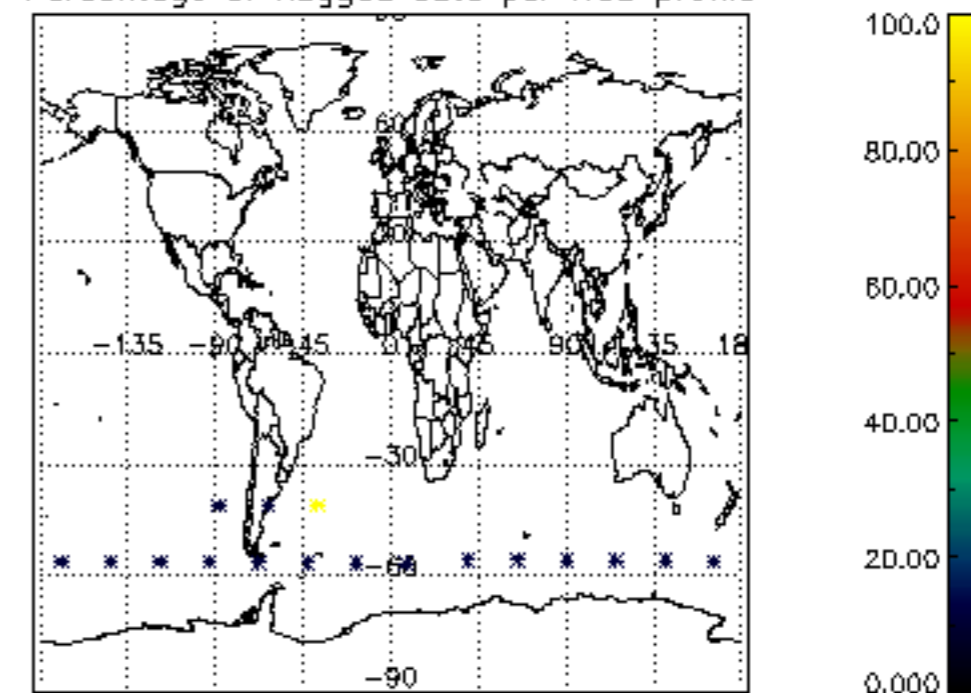
Percentage of flagged data per H2O profile

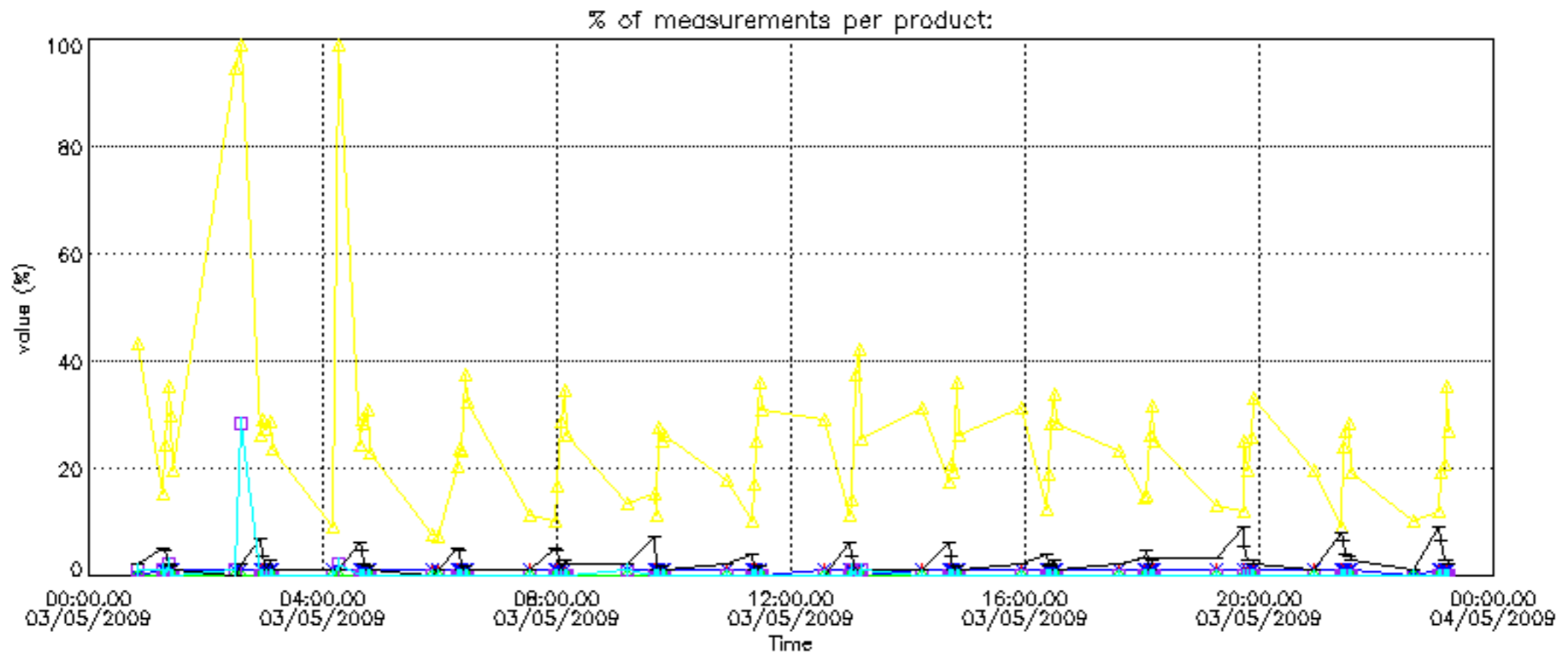


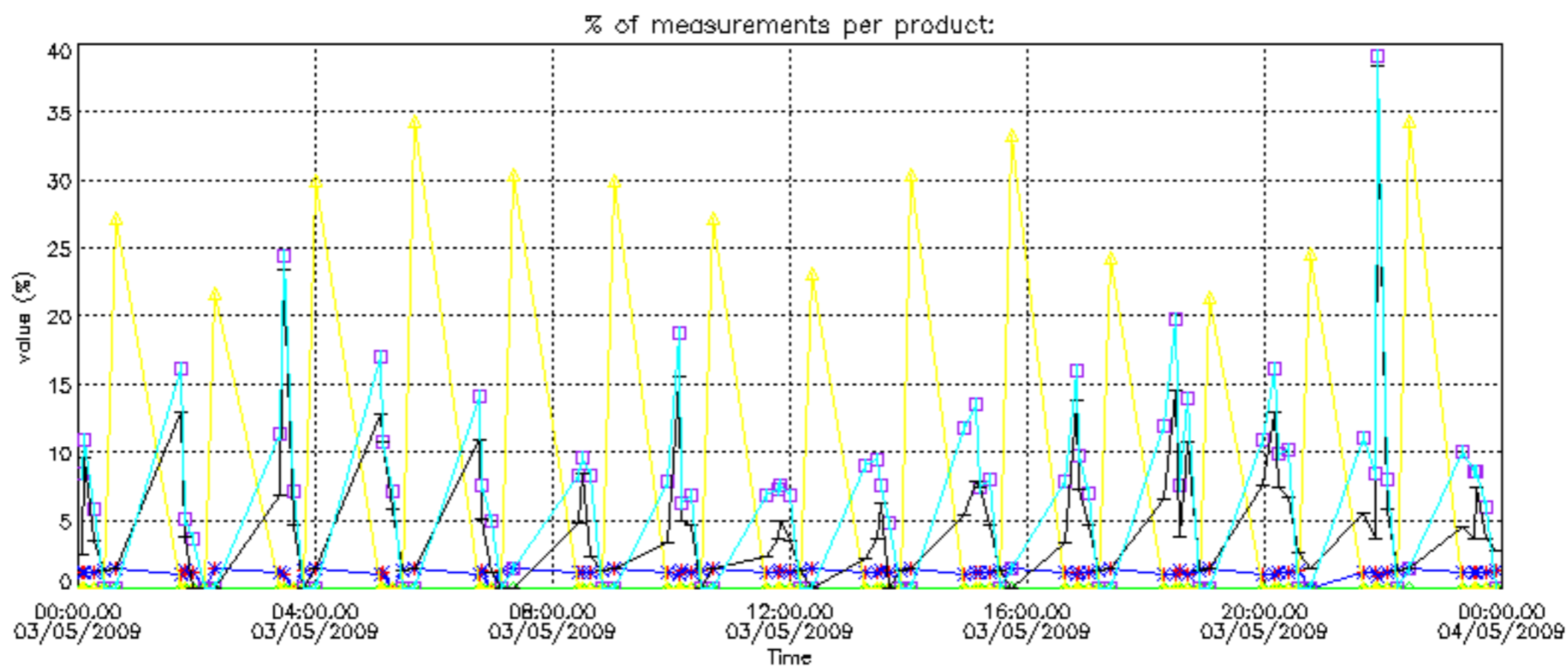
Percentage of flagged data per NO2 profile



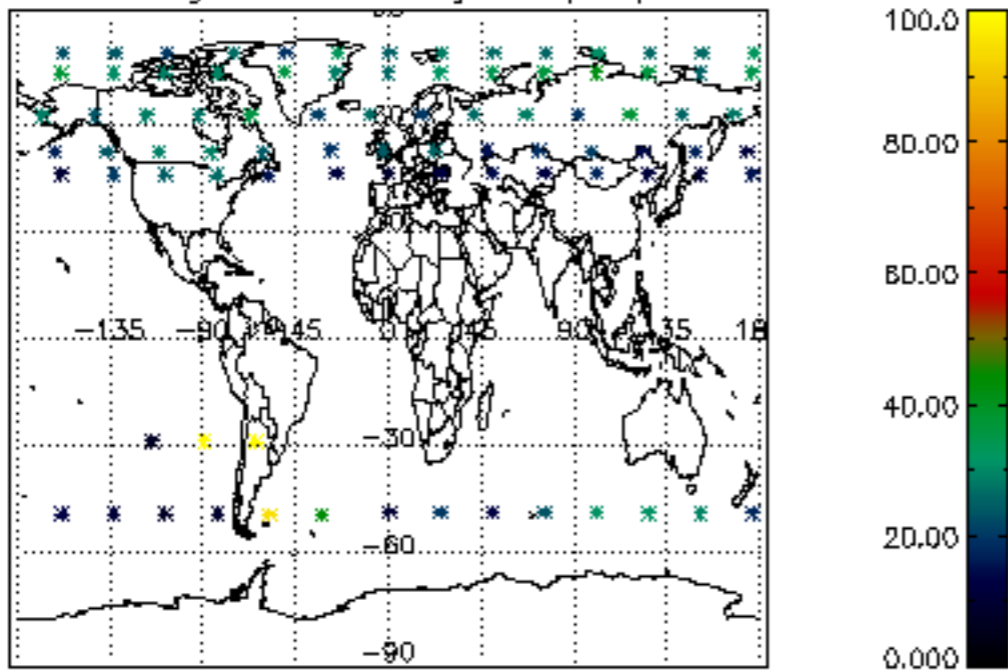
Percentage of flagged data per NO3 profile



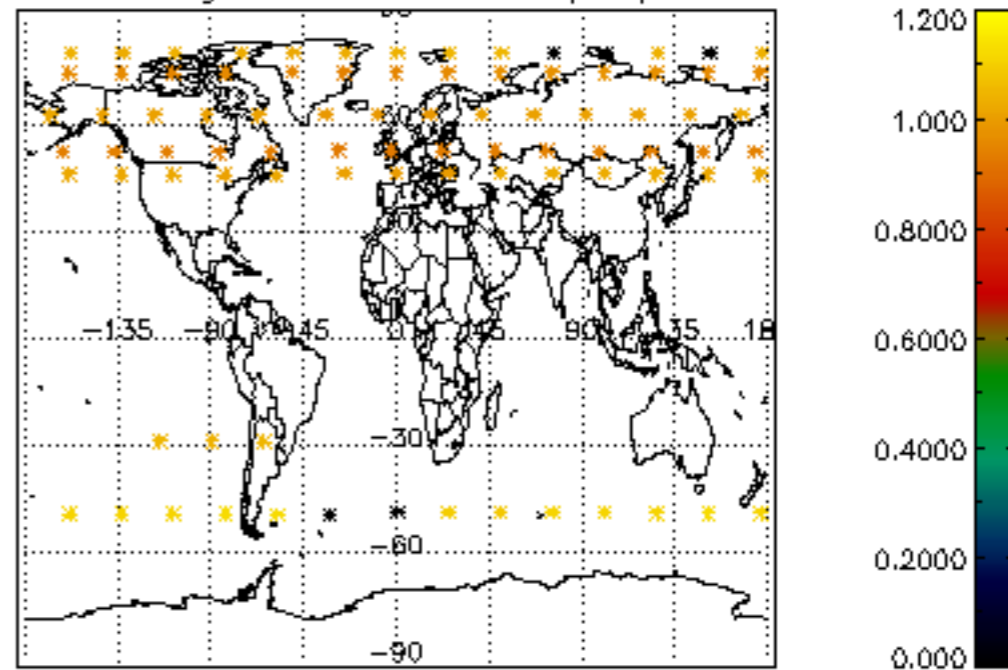




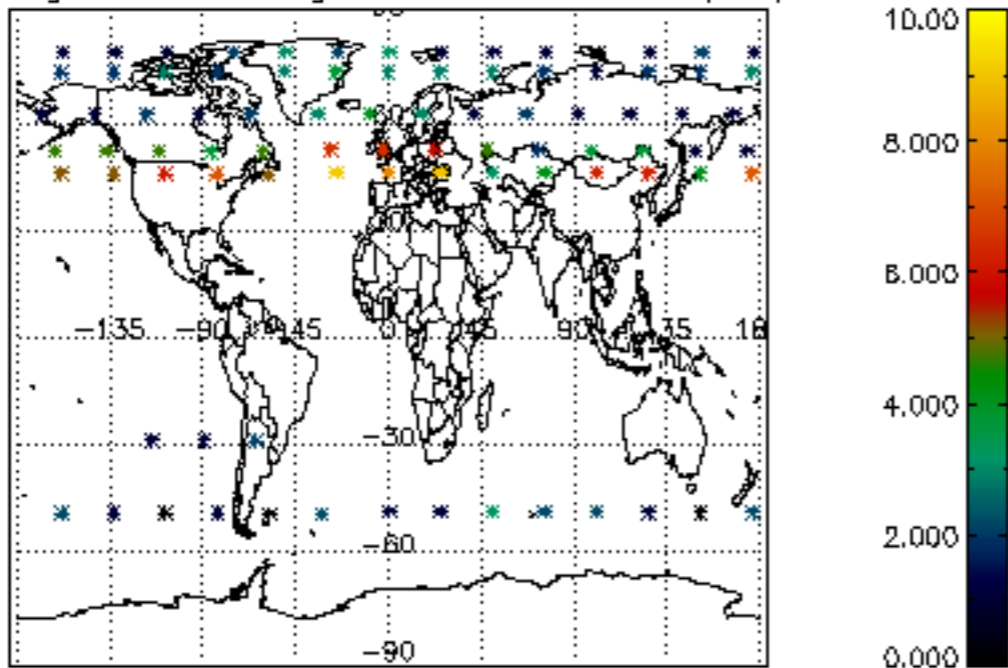
Percentage of cosmic ray hits per profile



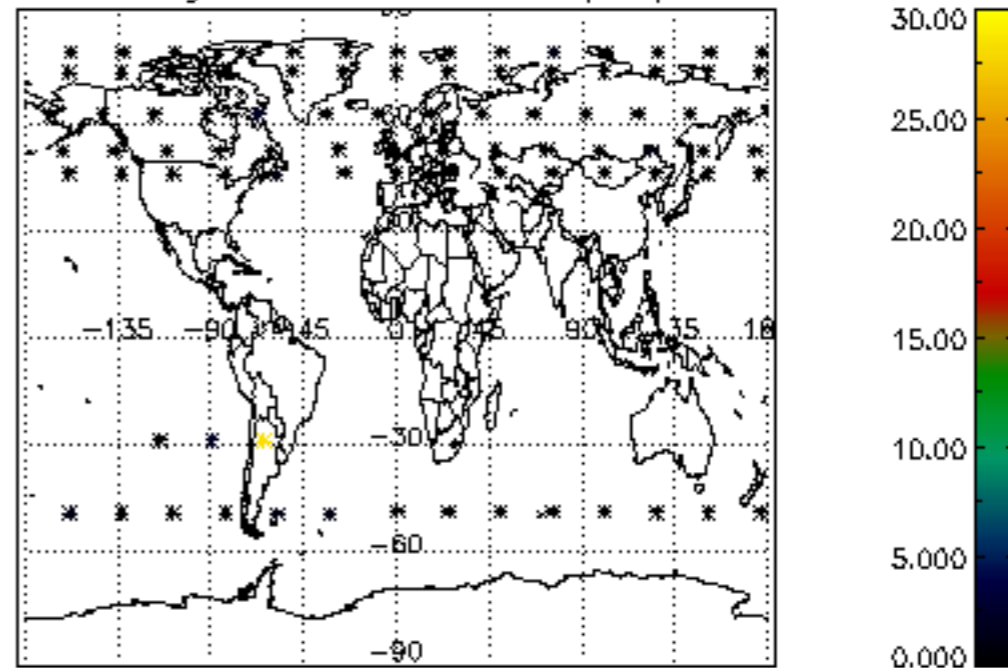
Percentage of datation errors per profile



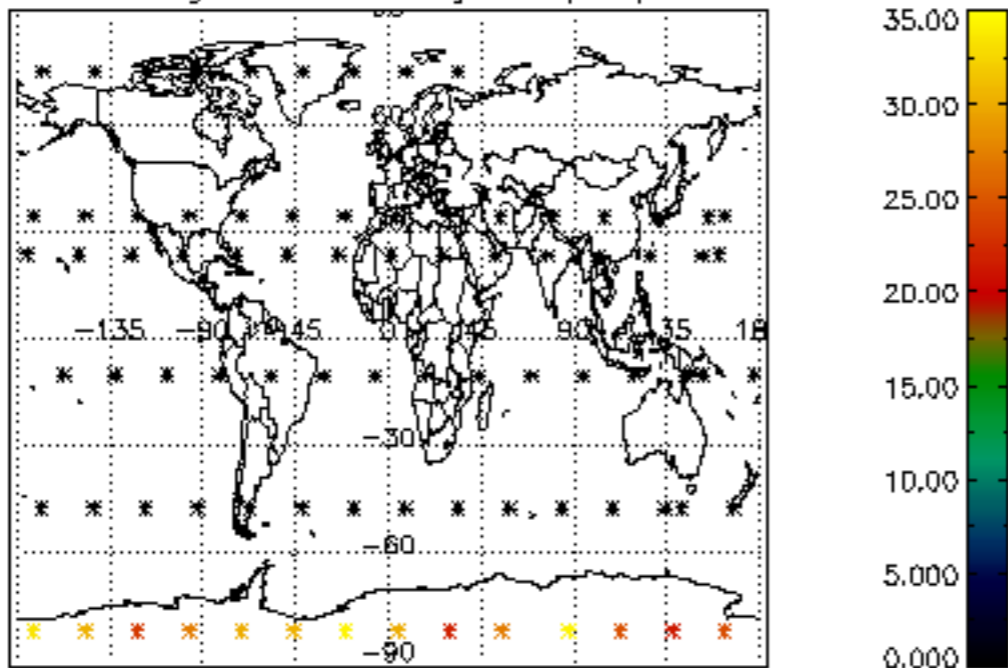
Percentage of star falling outside central band per profile



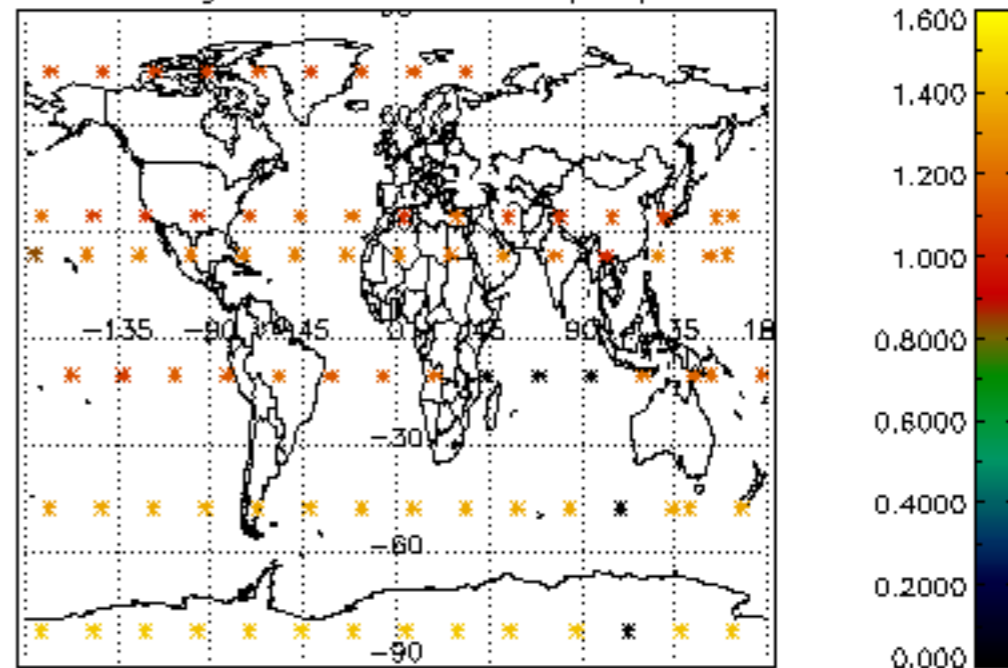
Percentage of saturation errors per profile



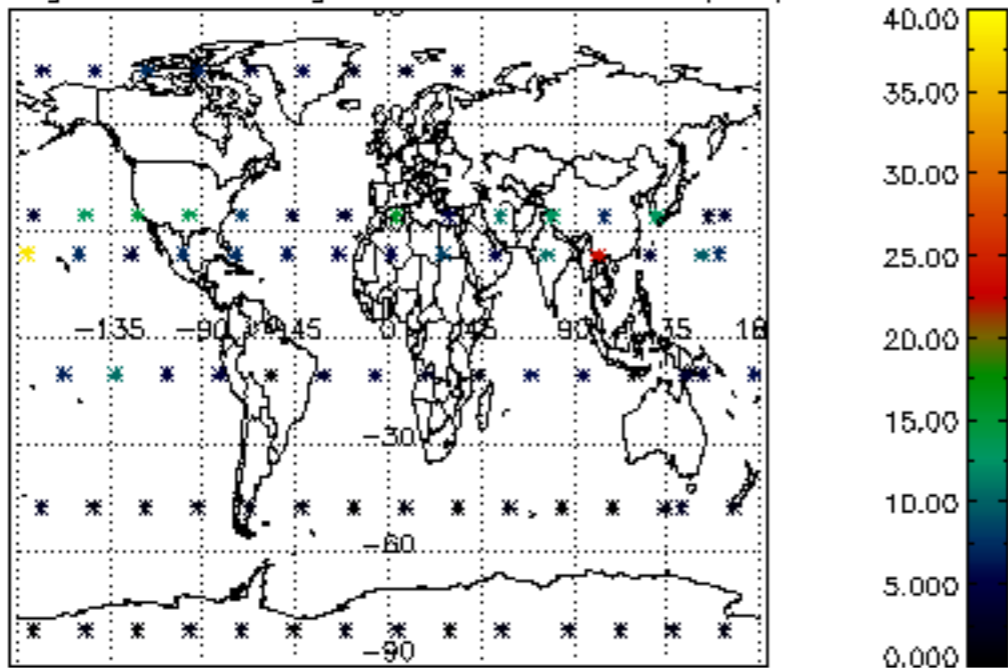
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

