

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 20:18:41
Data source version	GOMOS/6.01
Start time of products	03-06-2007 (03JUN2007 00:00:00)
Stop time of products	04-06-2007 (04JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	178
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__2PRFIN20070603_092716_000001202058_00380_27488_5867.N1	03-JUN-2007 09:27:16	Dark	120.00	63	Bet Gru	2.1500	2800.0	240	27488	No
2	GOM_NL__2PRFIN20070603_093405_000000982058_00380_27488_5868.N1	03-JUN-2007 09:34:05	Straylight	98.000	45	Alp Pav	1.9400	26000.	196	27488	No
3	GOM_NL__2PRFIN20070603_094011_000000922058_00380_27488_5869.N1	03-JUN-2007 09:40:11	Straylight	91.500	141	Bet Ara	2.8400	4600.0	183	27488	No
4	GOM_NL__2PRFIN20070603_094305_000001022058_00380_27488_5870.N1	03-JUN-2007 09:43:05	Straylight	102.00	40	The Sco	1.8590	7100.0	204	27488	No
5	GOM_NL__2PRFIN20070603_094637_000001002058_00380_27488_5871.N1	03-JUN-2007 09:46:37	Tw_i_and_stray	100.00	75	26Eps Sco	2.2910	4250.0	200	27488	No
6	GOM_NL__2PRFIN20070603_094915_000001082058_00380_27488_5872.N1	03-JUN-2007 09:49:15	Bright	108.00	16	21Alp Sco	1.0200	3000.0	216	27488	No
7	GOM_NL__2PRFIN20070603_095128_000000912058_00380_27488_5873.N1	03-JUN-2007 09:51:28	Bright	90.500	97	8Bet1Sco	2.5610	30000.	181	27488	No
8	GOM_NL__2PRFIN20070603_095612_000000942058_00380_27488_5874.N1	03-JUN-2007 09:56:12	Bright	93.500	120	1Del Oph	2.7340	3200.0	187	27488	No
9	GOM_NL__2PRFIN20070603_095914_000000892058_00380_27488_5875.N1	03-JUN-2007 09:59:14	Bright	89.000	102	24Alp Ser	2.6000	4250.0	178	27488	No
10	GOM_NL__2PRFIN20070603_100407_000001022058_00380_27488_5876.N1	03-JUN-2007 10:04:07	Bright	101.50	127	27Bet Her	2.7810	4700.0	203	27488	No
11	GOM_NL__2PRFIN20070603_101538_000000902058_00380_27488_5877.N1	03-JUN-2007 10:15:38	Bright	90.000	119	14Eta Dra	2.7270	4700.0	180	27488	No
12	GOM_NL__2PRFIN20070603_101828_000000832058_00380_27488_5878.N1	03-JUN-2007 10:18:28	Bright	83.000	60	7Bet UMi	2.0810	3950.0	166	27488	No
13	GOM_NL__2PRFIN20070603_102308_000000872058_00380_27488_5879.N1	03-JUN-2007 10:23:08	Bright	87.000	49	1Alp UMi	1.9900	6300.0	174	27488	No
14	GOM_NL__2PRFIN20070603_103105_000001112058_00380_27488_5880.N1	03-JUN-2007 10:31:05	Bright	111.00	76	27Gam Cas	2.3000	30000.	222	27488	No
15	GOM_NL__2PRFIN20070603_103854_000001032058_00380_27488_5881.N1	03-JUN-2007 10:38:54	Bright	102.50	53	43Bet And	2.0480	3300.0	205	27488	No
16	GOM_NL__2PRFIN20070603_105546_000001072058_00380_27488_5882.N1	03-JUN-2007 10:55:46	Dark	106.50	52	16Bet Cet	2.0370	4500.0	213	27488	No
17	GOM_NL__2PRFIN20070603_110230_000000992058_00380_27488_5883.N1	03-JUN-2007 11:02:30	Dark	98.500	84	Alp Phe	2.3970	4500.0	197	27488	No
18	GOM_NL__2PRFIN20070603_110753_000001112058_00381_27489_5888.N1	03-JUN-2007 11:07:53	Dark	111.00	63	Bet Gru	2.1500	2800.0	222	27489	No
19	GOM_NL__2PRFIN20070603_111441_000000972058_00381_27489_5889.N1	03-JUN-2007 11:14:41	Straylight	97.000	45	Alp Pav	1.9400	26000.	194	27489	No
20	GOM_NL__2PRFIN20070603_112048_000000952058_00381_27489_5890.N1	03-JUN-2007 11:20:48	Straylight	94.500	141	Bet Ara	2.8400	4600.0	189	27489	No
21	GOM_NL__2PRFIN20070603_112341_000001052058_00381_27489_5891.N1	03-JUN-2007 11:23:41	Straylight	105.00	40	The Sco	1.8590	7100.0	210	27489	No
22	GOM_NL__2PRFIN20070603_112714_000000972058_00381_27489_5892.N1	03-JUN-2007 11:27:14	Tw_i_and_stray	97.000	75	26Eps Sco	2.2910	4250.0	194	27489	No
23	GOM_NL__2PRFIN20070603_112951_000001032058_00381_27489_5893.N1	03-JUN-2007 11:29:51	Bright	103.00	16	21Alp Sco	1.0200	3000.0	206	27489	No
24	GOM_NL__2PRFIN20070603_113205_000000902058_00381_27489_5894.N1	03-JUN-2007 11:32:05	Bright	90.000	97	8Bet1Sco	2.5610	30000.	180	27489	No
25	GOM_NL__2PRFIN20070603_113648_000000942058_00381_27489_5895.N1	03-JUN-2007 11:36:48	Bright	94.000	120	1Del Oph	2.7340	3200.0	188	27489	No
26	GOM_NL__2PRFIN20070603_113950_000000892058_00381_27489_5896.N1	03-JUN-2007 11:39:50	Bright	88.500	102	24Alp Ser	2.6000	4250.0	177	27489	No
27	GOM_NL__2PRFIN20070603_114443_000000992058_00381_27489_5897.N1	03-JUN-2007 11:44:43	Bright	98.500	127	27Bet Her	2.7810	4700.0	197	27489	No
28	GOM_NL__2PRFIN20070603_115613_000000922058_00381_27489_5898.N1	03-JUN-2007 11:56:13	Bright	91.500	119	14Eta Dra	2.7270	4700.0	183	27489	No
29	GOM_NL__2PRFIN20070603_115904_000000882058_00381_27489_5899.N1	03-JUN-2007 11:59:04	Bright	87.500	60	7Bet UMi	2.0810	3950.0	175	27489	No
30	GOM_NL__2PRFIN20070603_120344_000000872058_00381_27489_5900.N1	03-JUN-2007 12:03:44	Bright	87.000	49	1Alp UMi	1.9900	6300.0	174	27489	No
31	GOM_NL__2PRFIN20070603_121140_000000922058_00381_27489_5901.N1	03-JUN-2007 12:11:40	Bright	91.500	76	27Gam Cas	2.3000	30000.	183	27489	No
32	GOM_NL__2PRFIN20070603_121930_000001022058_00381_27489_5902.N1	03-JUN-2007 12:19:30	Bright	102.00	53	43Bet And	2.0480	3300.0	204	27489	No
33	GOM_NL__2PRFIN20070603_123623_000001012058_00381_27489_5903.N1	03-JUN-2007 12:36:23	Dark	101.00	52	16Bet Cet	2.0370	4500.0	202	27489	No
34	GOM_NL__2PRFIN20070603_124306_000001012058_00381_27489_5904.N1	03-JUN-2007 12:43:06	Dark	100.50	84	Alp Phe	2.3970	4500.0	201	27489	No
35	GOM_NL__2PRFIN20070603_124928_000000482058_00382_27490_5904.N1	03-JUN-2007 12:49:28	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	27490	No
36	GOM_NL__2PRFIN20070603_125122_000000462058_00382_27490_5905.N1	03-JUN-2007 12:51:22	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27490	No
37	GOM_NL__2PRFIN20070603_125613_000000432058_00382_27490_5906.N1	03-JUN-2007 12:56:13	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27490	No
38	GOM_NL__2PRFIN20070603_130216_000000432058_00382_27490_5907.N1	03-JUN-2007 13:02:16	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27490	No
39	GOM_NL__2PRFIN20070603_130332_000000392058_00382_27490_5908.N1	03-JUN-2007 13:03:32	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27490	No
40	GOM_NL__2PRFIN20070603_130514_000000452058_00382_27490_5909.N1	03-JUN-2007 13:05:14	Straylight	45.000	40	The Sco	1.8590	7100.0	90	27490	No
41	GOM_NL__2PRFIN20070603_130701_000000462058_00382_27490_5910.N1	03-JUN-2007 13:07:01	Tw_i_and_stray	46.000	25	35Lam Sco	1.6200	28000.	92	27490	No
42	GOM_NL__2PRFIN20070603_130844_000000442058_00382_27490_5911.N1	03-JUN-2007 13:08:44	Tw_i_and_stray	43.500	75	26Eps Sco	2.2910	4250.0	87	27490	No

43	GOM_NL__2PRFIN20070603_131045_000000412058_00382_27490_5912.N1	03-JUN-2007 13:10:45	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	27490	No
44	GOM_NL__2PRFIN20070603_131334_000000382058_00382_27490_5913.N1	03-JUN-2007 13:13:34	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27490	No
45	GOM_NL__2PRFIN20070603_131609_000000402058_00382_27490_5914.N1	03-JUN-2007 13:16:09	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	27490	No
46	GOM_NL__2PRFIN20070603_131819_000000382058_00382_27490_5915.N1	03-JUN-2007 13:18:19	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27490	No
47	GOM_NL__2PRFIN20070603_132119_000000362058_00382_27490_5916.N1	03-JUN-2007 13:21:19	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27490	No
48	GOM_NL__2PRFIN20070603_132617_000000412058_00382_27490_5917.N1	03-JUN-2007 13:26:17	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	27490	No
49	GOM_NL__2PRFIN20070603_133741_000000382058_00382_27490_5918.N1	03-JUN-2007 13:37:41	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	27490	No
50	GOM_NL__2PRFIN20070603_134030_000000362058_00382_27490_5919.N1	03-JUN-2007 13:40:30	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27490	No
51	GOM_NL__2PRFIN20070603_134512_000000332058_00382_27490_5920.N1	03-JUN-2007 13:45:12	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27490	No
52	GOM_NL__2PRFIN20070603_135311_000000392058_00382_27490_5921.N1	03-JUN-2007 13:53:11	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	27490	No
53	GOM_NL__2PRFIN20070603_140102_000000472058_00382_27490_5922.N1	03-JUN-2007 14:01:02	Bright	47.000	53	43Bet And	2.0480	3300.0	94	27490	No
54	GOM_NL__2PRFIN20070603_141756_000000522058_00382_27490_5923.N1	03-JUN-2007 14:17:56	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	27490	No
55	GOM_NL__2PRFIN20070603_142436_000000452058_00382_27490_5924.N1	03-JUN-2007 14:24:36	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	27490	No
56	GOM_NL__2PRFIN20070603_143004_000000502058_00383_27491_5912.N1	03-JUN-2007 14:30:04	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27491	No
57	GOM_NL__2PRFIN20070603_143159_000000582058_00383_27491_5913.N1	03-JUN-2007 14:31:59	Dark	57.500	31	Alp Gru	1.7340	15200.	115	27491	No
58	GOM_NL__2PRFIN20070603_143650_000000442058_00383_27491_5914.N1	03-JUN-2007 14:36:50	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	27491	No
59	GOM_NL__2PRFIN20070603_144252_000000402058_00383_27491_5915.N1	03-JUN-2007 14:42:52	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27491	No
60	GOM_NL__2PRFIN20070603_144408_000000402058_00383_27491_5916.N1	03-JUN-2007 14:44:08	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	27491	No
61	GOM_NL__2PRFIN20070603_144550_000000452058_00383_27491_5917.N1	03-JUN-2007 14:45:50	Straylight	44.500	40	The Sco	1.8590	7100.0	89	27491	No
62	GOM_NL__2PRFIN20070603_144738_000000472058_00383_27491_5918.N1	03-JUN-2007 14:47:38	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	27491	No
63	GOM_NL__2PRFIN20070603_144921_000000452058_00383_27491_5919.N1	03-JUN-2007 14:49:21	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	27491	No
64	GOM_NL__2PRFIN20070603_145121_000000482058_00383_27491_5920.N1	03-JUN-2007 14:51:21	Bright	47.500	136	23Tau Sco	2.8220	30000.	95	27491	No
65	GOM_NL__2PRFIN20070603_145410_000000372058_00383_27491_5921.N1	03-JUN-2007 14:54:10	Bright	37.000	97	8Bet1Sco	2.5610	30000.	74	27491	No
66	GOM_NL__2PRFIN20070603_145645_000000402058_00383_27491_5922.N1	03-JUN-2007 14:56:45	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	27491	No
67	GOM_NL__2PRFIN20070603_145855_000000392058_00383_27491_5923.N1	03-JUN-2007 14:58:55	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	27491	No
68	GOM_NL__2PRFIN20070603_150155_000000362058_00383_27491_5924.N1	03-JUN-2007 15:01:55	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27491	No
69	GOM_NL__2PRFIN20070603_150653_000000412058_00383_27491_5925.N1	03-JUN-2007 15:06:53	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	27491	No
70	GOM_NL__2PRFIN20070603_151817_000000402058_00383_27491_5926.N1	03-JUN-2007 15:18:17	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27491	No
71	GOM_NL__2PRFIN20070603_152106_000000372058_00383_27491_5927.N1	03-JUN-2007 15:21:06	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27491	No
72	GOM_NL__2PRFIN20070603_152548_000000352058_00383_27491_5928.N1	03-JUN-2007 15:25:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27491	No
73	GOM_NL__2PRFIN20070603_153347_000000362058_00383_27491_5929.N1	03-JUN-2007 15:33:47	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27491	No
74	GOM_NL__2PRFIN20070603_154138_000000462058_00383_27491_5930.N1	03-JUN-2007 15:41:38	Bright	45.500	53	43Bet And	2.0480	3300.0	91	27491	No
75	GOM_NL__2PRFIN20070603_155833_000000472058_00383_27491_5931.N1	03-JUN-2007 15:58:33	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	27491	No
76	GOM_NL__2PRFIN20070603_160512_000000432058_00383_27491_5932.N1	03-JUN-2007 16:05:12	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27491	No
77	GOM_NL__2PRFIN20070603_161041_000000572058_00384_27492_5936.N1	03-JUN-2007 16:10:41	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	27492	No
78	GOM_NL__2PRFIN20070603_161236_000000482058_00384_27492_5937.N1	03-JUN-2007 16:12:36	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27492	No
79	GOM_NL__2PRFIN20070603_161726_000000422058_00384_27492_5938.N1	03-JUN-2007 16:17:26	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27492	No
80	GOM_NL__2PRFIN20070603_162328_000000422058_00384_27492_5939.N1	03-JUN-2007 16:23:28	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27492	No
81	GOM_NL__2PRFIN20070603_162445_000000392058_00384_27492_5940.N1	03-JUN-2007 16:24:45	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27492	No
82	GOM_NL__2PRFIN20070603_162627_000000432058_00384_27492_5941.N1	03-JUN-2007 16:26:27	Straylight	42.500	40	The Sco	1.8590	7100.0	85	27492	No
83	GOM_NL__2PRFIN20070603_162814_000000462058_00384_27492_5942.N1	03-JUN-2007 16:28:14	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	27492	No
84	GOM_NL__2PRFIN20070603_162957_000000452058_00384_27492_5943.N1	03-JUN-2007 16:29:57	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	27492	No
85	GOM_NL__2PRFIN20070603_163157_000000512058_00384_27492_5944.N1	03-JUN-2007 16:31:57	Bright	51.000	136	23Tau Sco	2.8220	30000.	102	27492	No
86	GOM_NL__2PRFIN20070603_163446_000000372058_00384_27492_5945.N1	03-JUN-2007 16:34:46	Bright	37.000	97	8Bet1Sco	2.5610	30000.	74	27492	No
87	GOM_NL__2PRFIN20070603_163721_000000412058_00384_27492_5946.N1	03-JUN-2007 16:37:21	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	27492	No
88	GOM_NL__2PRFIN20070603_163931_000000392058_00384_27492_5947.N1	03-JUN-2007 16:39:31	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	27492	No
89	GOM_NL__2PRFIN20070603_164231_000000362058_00384_27492_5948.N1	03-JUN-2007 16:42:31	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27492	No
90	GOM_NL__2PRFIN20070603_164729_000000432058_00384_27492_5949.N1	03-JUN-2007 16:47:29	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	27492	No
91	GOM_NL__2PRFIN20070603_165853_000000382058_00384_27492_5950.N1	03-JUN-2007 16:58:53	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	27492	No
92	GOM_NL__2PRFIN20070603_170142_000000382058_00384_27492_5951.N1	03-JUN-2007 17:01:42	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27492	No
93	GOM_NL__2PRFIN20070603_170623_000000362058_00384_27492_5952.N1	03-JUN-2007 17:06:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27492	No
94	GOM_NL__2PRFIN20070603_171423_000000382058_00384_27492_5953.N1	03-JUN-2007 17:14:23	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	27492	No
95	GOM_NL__2PRFIN20070603_172214_000000452058_00384_27492_5954.N1	03-JUN-2007 17:22:14	Bright	44.500	53	43Bet And	2.0480	3300.0	89	27492	No
96	GOM_NL__2PRFIN20070603_173909_000000472058_00384_27492_5955.N1	03-JUN-2007 17:39:09	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	27492	No
97	GOM_NL__2PRFIN20070603_174549_000000472058_00384_27492_5956.N1	03-JUN-2007 17:45:49	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	27492	No
98	GOM_NL__2PRFIN20070603_175118_000000502058_00385_27493_5947.N1	03-JUN-2007 17:51:18	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27493	No
99	GOM_NL__2PRFIN20070603_175313_000000492058_00385_27493_5948.N1	03-JUN-2007 17:53:13	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27493	No
100	GOM_NL__2PRFIN20070603_175803_000000422058_00385_27493_5949.N1	03-JUN-2007 17:58:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27493	No
101	GOM_NL__2PRFIN20070603_180405_000000402058_00385_27493_5950.N1	03-JUN-2007 18:04:05	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27493	No

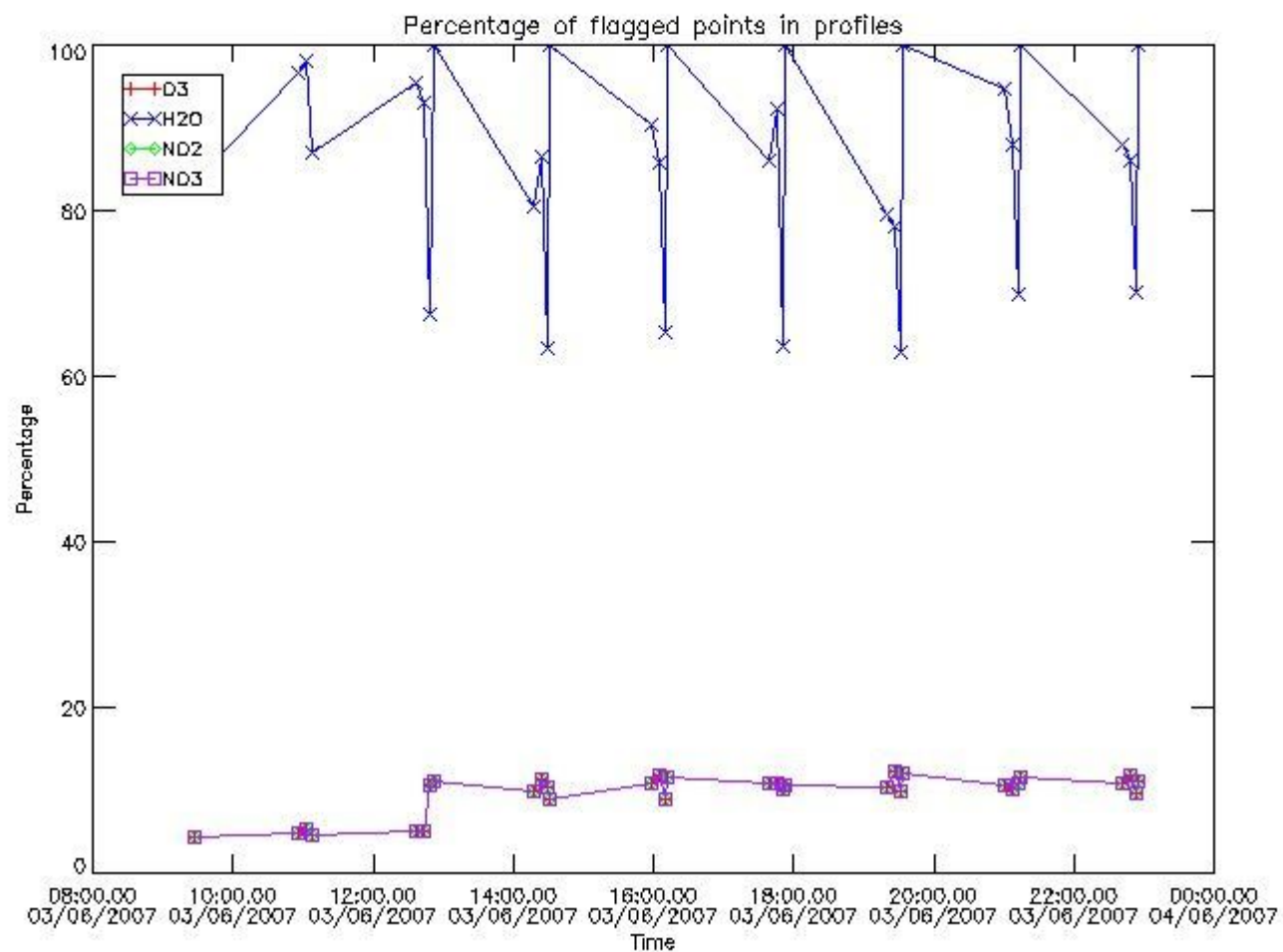
102	GOM_NL__2PRFIN20070603_180521_000000392058_00385_27493_5951.N1	03-JUN-2007 18:05:21	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27493	No
103	GOM_NL__2PRFIN20070603_180703_000000462058_00385_27493_5952.N1	03-JUN-2007 18:07:03	Straylight	45.500	40	The Sco	1.8590	7100.0	91	27493	No
104	GOM_NL__2PRFIN20070603_180850_000000442058_00385_27493_5953.N1	03-JUN-2007 18:08:50	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27493	No
105	GOM_NL__2PRFIN20070603_181033_000000462058_00385_27493_5954.N1	03-JUN-2007 18:10:33	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27493	No
106	GOM_NL__2PRFIN20070603_181233_000000432058_00385_27493_5955.N1	03-JUN-2007 18:12:33	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	27493	No
107	GOM_NL__2PRFIN20070603_181522_000000372058_00385_27493_5956.N1	03-JUN-2007 18:15:22	Bright	37.000	97	8Bet1Sco	2.5610	30000.	74	27493	No
108	GOM_NL__2PRFIN20070603_181757_000000412058_00385_27493_5957.N1	03-JUN-2007 18:17:57	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	27493	No
109	GOM_NL__2PRFIN20070603_182007_000000392058_00385_27493_5958.N1	03-JUN-2007 18:20:07	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	27493	No
110	GOM_NL__2PRFIN20070603_182307_000000362058_00385_27493_5959.N1	03-JUN-2007 18:23:07	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27493	No
111	GOM_NL__2PRFIN20070603_182804_000000412058_00385_27493_5960.N1	03-JUN-2007 18:28:04	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	27493	No
112	GOM_NL__2PRFIN20070603_183929_000000392058_00385_27493_5961.N1	03-JUN-2007 18:39:29	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27493	No
113	GOM_NL__2PRFIN20070603_184218_000000362058_00385_27493_5962.N1	03-JUN-2007 18:42:18	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27493	No
114	GOM_NL__2PRFIN20070603_184659_000000362058_00385_27493_5963.N1	03-JUN-2007 18:46:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27493	No
115	GOM_NL__2PRFIN20070603_185458_000000462058_00385_27493_5964.N1	03-JUN-2007 18:54:58	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	27493	No
116	GOM_NL__2PRFIN20070603_190250_000000452058_00385_27493_5965.N1	03-JUN-2007 19:02:50	Bright	44.500	53	43Bet And	2.0480	3300.0	89	27493	No
117	GOM_NL__2PRFIN20070603_191946_000000492058_00385_27493_5966.N1	03-JUN-2007 19:19:46	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	27493	No
118	GOM_NL__2PRFIN20070603_192626_000000422058_00385_27493_5967.N1	03-JUN-2007 19:26:26	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	27493	No
119	GOM_NL__2PRFIN20070603_193155_000000522058_00386_27494_5973.N1	03-JUN-2007 19:31:55	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	27494	No
120	GOM_NL__2PRFIN20070603_193350_000000472058_00386_27494_5974.N1	03-JUN-2007 19:33:50	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27494	No
121	GOM_NL__2PRFIN20070603_193840_000000442058_00386_27494_5975.N1	03-JUN-2007 19:38:40	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27494	No
122	GOM_NL__2PRFIN20070603_194441_000000392058_00386_27494_5976.N1	03-JUN-2007 19:44:41	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27494	No
123	GOM_NL__2PRFIN20070603_194557_000000392058_00386_27494_5977.N1	03-JUN-2007 19:45:57	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27494	No
124	GOM_NL__2PRFIN20070603_194740_000000412058_00386_27494_5978.N1	03-JUN-2007 19:47:40	Straylight	41.000	40	The Sco	1.8590	7100.0	82	27494	No
125	GOM_NL__2PRFIN20070603_194927_000000452058_00386_27494_5979.N1	03-JUN-2007 19:49:27	Tw_i_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	27494	No
126	GOM_NL__2PRFIN20070603_195109_000000432058_00386_27494_5980.N1	03-JUN-2007 19:51:09	Tw_i_and_stray	43.000	75	26Eps Sco	2.2910	4250.0	86	27494	No
127	GOM_NL__2PRFIN20070603_195309_000000472058_00386_27494_5981.N1	03-JUN-2007 19:53:09	Bright	47.000	136	23Tau Sco	2.8220	30000.	94	27494	No
128	GOM_NL__2PRFIN20070603_195558_000000382058_00386_27494_5982.N1	03-JUN-2007 19:55:58	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27494	No
129	GOM_NL__2PRFIN20070603_195833_000000402058_00386_27494_5983.N1	03-JUN-2007 19:58:33	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	27494	No
130	GOM_NL__2PRFIN20070603_200043_000000382058_00386_27494_5984.N1	03-JUN-2007 20:00:43	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27494	No
131	GOM_NL__2PRFIN20070603_200343_000000362058_00386_27494_5985.N1	03-JUN-2007 20:03:43	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27494	No
132	GOM_NL__2PRFIN20070603_200840_000000412058_00386_27494_5986.N1	03-JUN-2007 20:08:40	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	27494	No
133	GOM_NL__2PRFIN20070603_202004_000000392058_00386_27494_5987.N1	03-JUN-2007 20:20:04	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27494	No
134	GOM_NL__2PRFIN20070603_202254_000000372058_00386_27494_5988.N1	03-JUN-2007 20:22:54	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27494	No
135	GOM_NL__2PRFIN20070603_202735_000000362058_00386_27494_5989.N1	03-JUN-2007 20:27:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27494	No
136	GOM_NL__2PRFIN20070603_203534_000000422058_00386_27494_5990.N1	03-JUN-2007 20:35:34	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	27494	No
137	GOM_NL__2PRFIN20070603_204326_000000482058_00386_27494_5991.N1	03-JUN-2007 20:43:26	Bright	47.500	53	43Bet And	2.0480	3300.0	95	27494	No
138	GOM_NL__2PRFIN20070603_210023_000000482058_00386_27494_5992.N1	03-JUN-2007 21:00:23	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	27494	No
139	GOM_NL__2PRFIN20070603_210702_000000502058_00386_27494_5993.N1	03-JUN-2007 21:07:02	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	27494	No
140	GOM_NL__2PRFIN20070603_211232_000000472058_00387_27495_5995.N1	03-JUN-2007 21:12:32	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	27495	No
141	GOM_NL__2PRFIN20070603_211427_000000492058_00387_27495_5996.N1	03-JUN-2007 21:14:27	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27495	No
142	GOM_NL__2PRFIN20070603_211916_000000442058_00387_27495_5997.N1	03-JUN-2007 21:19:16	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27495	No
143	GOM_NL__2PRFIN20070603_212517_000000422058_00387_27495_5998.N1	03-JUN-2007 21:25:17	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27495	No
144	GOM_NL__2PRFIN20070603_212634_000000392058_00387_27495_5999.N1	03-JUN-2007 21:26:34	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27495	No
145	GOM_NL__2PRFIN20070603_212816_000000462058_00387_27495_6000.N1	03-JUN-2007 21:28:16	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27495	No
146	GOM_NL__2PRFIN20070603_213003_000000432058_00387_27495_6001.N1	03-JUN-2007 21:30:03	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27495	No
147	GOM_NL__2PRFIN20070603_213145_000000472058_00387_27495_6002.N1	03-JUN-2007 21:31:45	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	27495	No
148	GOM_NL__2PRFIN20070603_213345_000000562058_00387_27495_6003.N1	03-JUN-2007 21:33:45	Bright	56.000	136	23Tau Sco	2.8220	30000.	112	27495	No
149	GOM_NL__2PRFIN20070603_213634_000000382058_00387_27495_6004.N1	03-JUN-2007 21:36:34	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27495	No
150	GOM_NL__2PRFIN20070603_213909_000000392058_00387_27495_6005.N1	03-JUN-2007 21:39:09	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	27495	No
151	GOM_NL__2PRFIN20070603_214118_000000382058_00387_27495_6006.N1	03-JUN-2007 21:41:18	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27495	No
152	GOM_NL__2PRFIN20070603_214419_000000362058_00387_27495_6007.N1	03-JUN-2007 21:44:19	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27495	No
153	GOM_NL__2PRFIN20070603_214915_000000392058_00387_27495_6008.N1	03-JUN-2007 21:49:15	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	27495	No
154	GOM_NL__2PRFIN20070603_220040_000000382058_00387_27495_6009.N1	03-JUN-2007 22:00:40	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27495	No
155	GOM_NL__2PRFIN20070603_220330_000000382058_00387_27495_6010.N1	03-JUN-2007 22:03:30	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	27495	No
156	GOM_NL__2PRFIN20070603_220811_000000362058_00387_27495_6011.N1	03-JUN-2007 22:08:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27495	No
157	GOM_NL__2PRFIN20070603_221610_000000372058_00387_27495_6012.N1	03-JUN-2007 22:16:10	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	27495	No
158	GOM_NL__2PRFIN20070603_222402_000000452058_00387_27495_6013.N1	03-JUN-2007 22:24:02	Bright	45.000	53	43Bet And	2.0480	3300.0	90	27495	No
159	GOM_NL__2PRFIN20070603_224059_000000472058_00387_27495_6014.N1	03-JUN-2007 22:40:59	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	27495	No
160	GOM_NL__2PRFIN20070603_224739_000000442058_00387_27495_6015.N1	03-JUN-2007 22:47:39	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27495	No

161	GOM_NL__2PRFIN20070603_225309_000000582058_00388_27496_6007.N1	03-JUN-2007 22:53:09	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	27496	No
162	GOM_NL__2PRFIN20070603_225504_000000462058_00388_27496_6008.N1	03-JUN-2007 22:55:04	Dark	45.500	31	Alp Gru	1.7340	15200.	91	27496	No
163	GOM_NL__2PRFIN20070603_225953_000000422058_00388_27496_6009.N1	03-JUN-2007 22:59:53	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27496	No
164	GOM_NL__2PRFIN20070603_230554_000000462058_00388_27496_6010.N1	03-JUN-2007 23:05:54	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	27496	No
165	GOM_NL__2PRFIN20070603_230710_000000412058_00388_27496_6011.N1	03-JUN-2007 23:07:10	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	27496	No
166	GOM_NL__2PRFIN20070603_230852_000000512058_00388_27496_6012.N1	03-JUN-2007 23:08:52	Straylight	51.000	40	The Sco	1.8590	7100.0	102	27496	No
167	GOM_NL__2PRFIN20070603_231039_000000452058_00388_27496_6013.N1	03-JUN-2007 23:10:39	Twilight_stray	44.500	25	35Lam Sco	1.6200	28000.	89	27496	No
168	GOM_NL__2PRFIN20070603_231222_000000462058_00388_27496_6014.N1	03-JUN-2007 23:12:22	Twilight_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27496	No
169	GOM_NL__2PRFIN20070603_231422_000000562058_00388_27496_6015.N1	03-JUN-2007 23:14:22	Bright	56.000	136	23Tau Sco	2.8220	30000.	112	27496	No
170	GOM_NL__2PRFIN20070603_231710_000000382058_00388_27496_6016.N1	03-JUN-2007 23:17:10	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27496	No
171	GOM_NL__2PRFIN20070603_231945_000000402058_00388_27496_6017.N1	03-JUN-2007 23:19:45	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	27496	No
172	GOM_NL__2PRFIN20070603_232154_000000382058_00388_27496_6018.N1	03-JUN-2007 23:21:54	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27496	No
173	GOM_NL__2PRFIN20070603_232455_000000362058_00388_27496_6019.N1	03-JUN-2007 23:24:55	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27496	No
174	GOM_NL__2PRFIN20070603_232951_000000422058_00388_27496_6020.N1	03-JUN-2007 23:29:51	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	27496	No
175	GOM_NL__2PRFIN20070603_234115_000000442058_00388_27496_6021.N1	03-JUN-2007 23:41:15	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	27496	No
176	GOM_NL__2PRFIN20070603_234406_000000362058_00388_27496_6022.N1	03-JUN-2007 23:44:06	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27496	No
177	GOM_NL__2PRFIN20070603_234847_000000352058_00388_27496_6023.N1	03-JUN-2007 23:48:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27496	No
178	GOM_NL__2PRFIN20070603_235646_000000562058_00388_27496_6024.N1	03-JUN-2007 23:56:46	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	27496	No

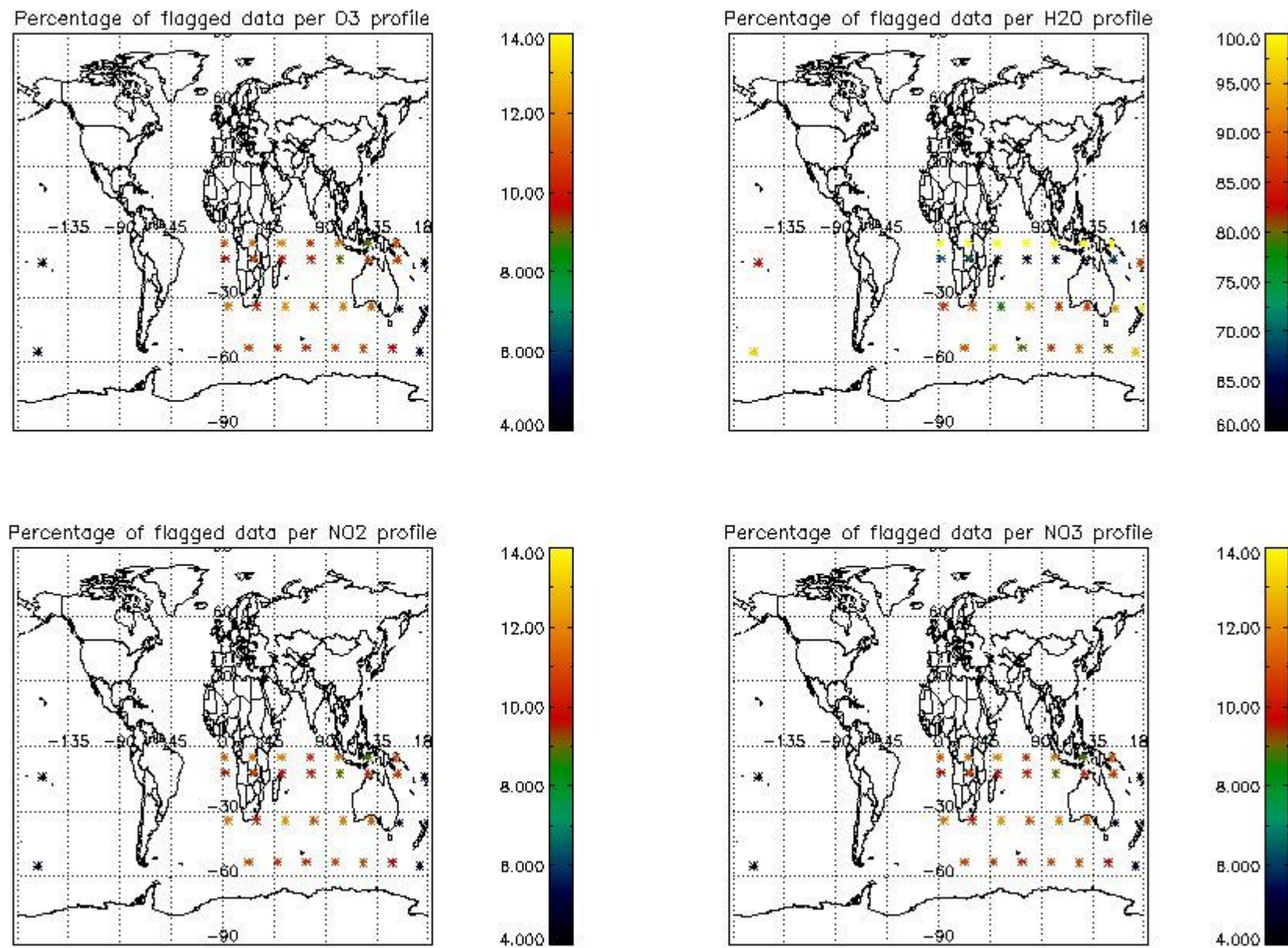
3. Quality information per product

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)

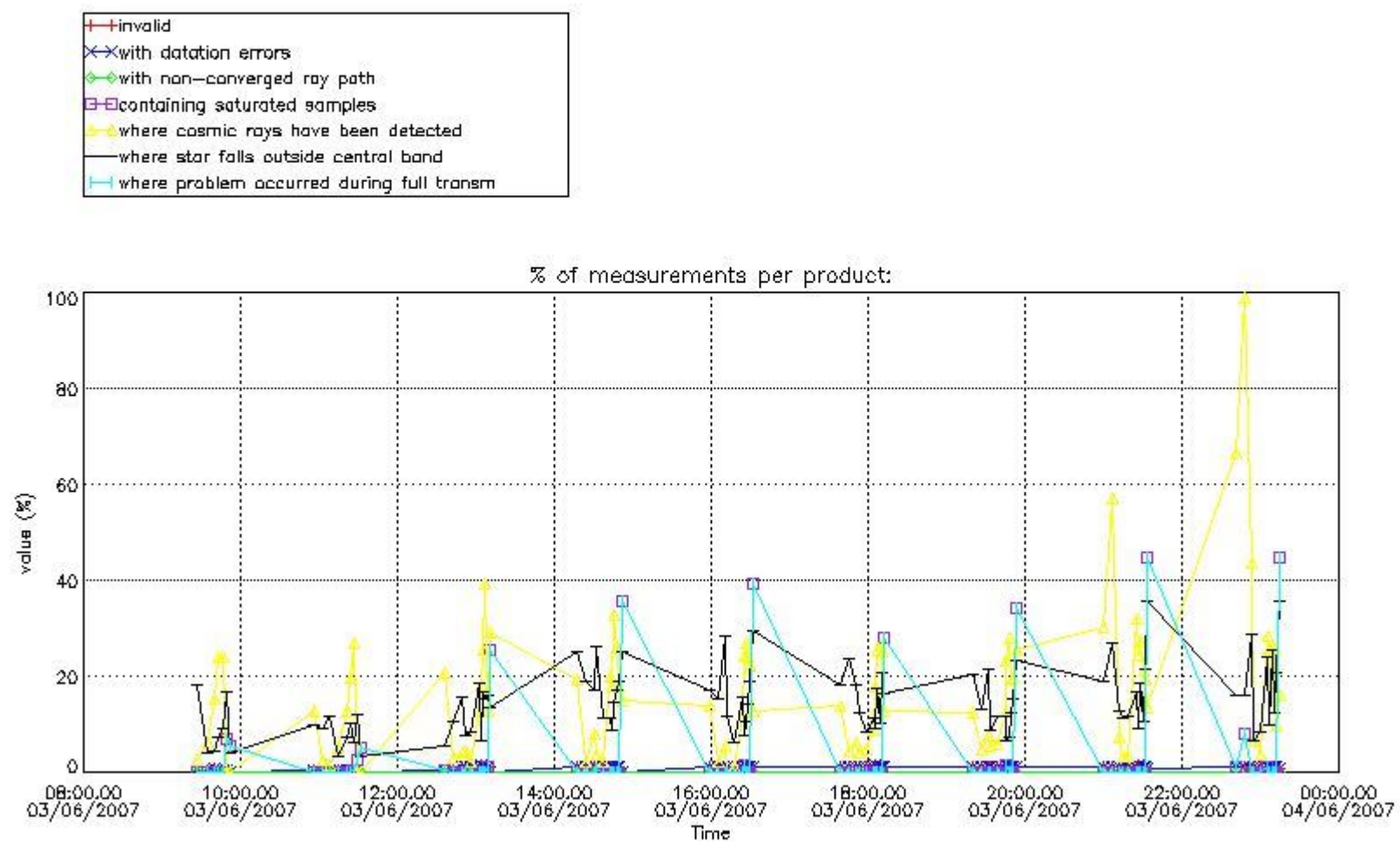


4. Level 1 quality information per product

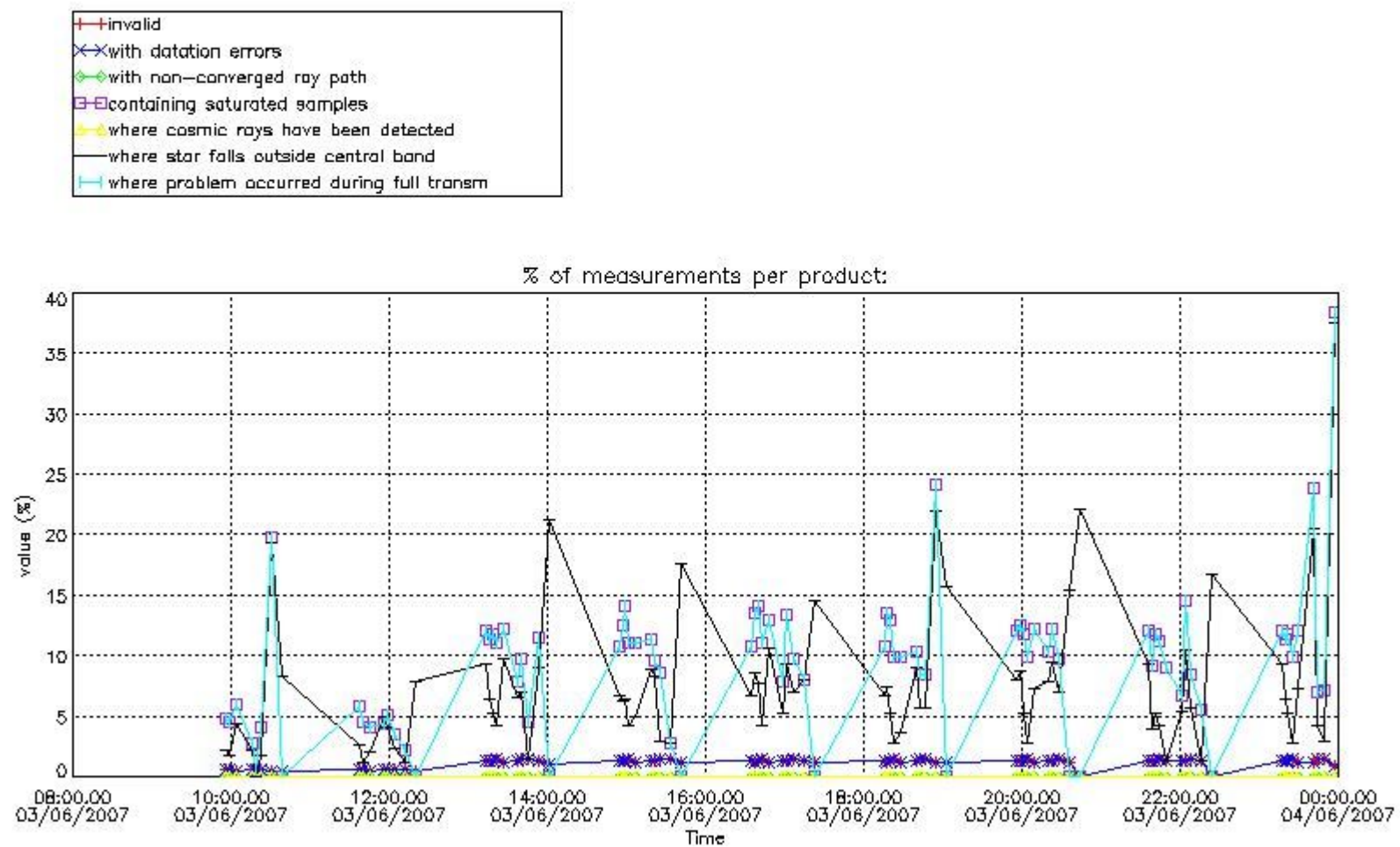
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



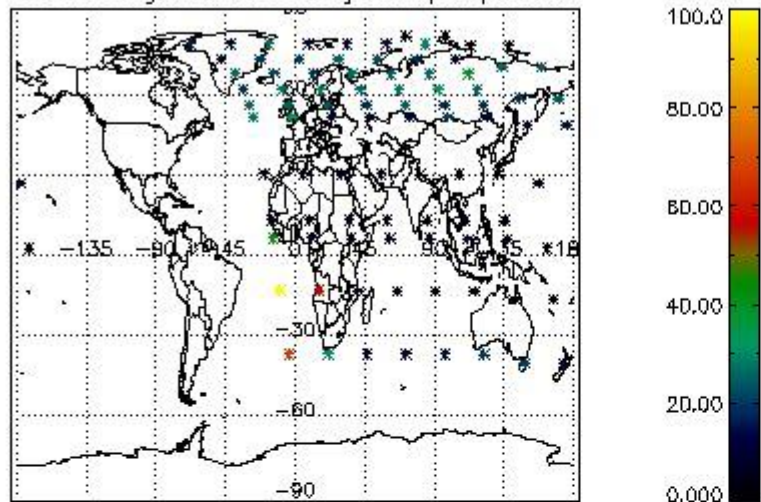
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



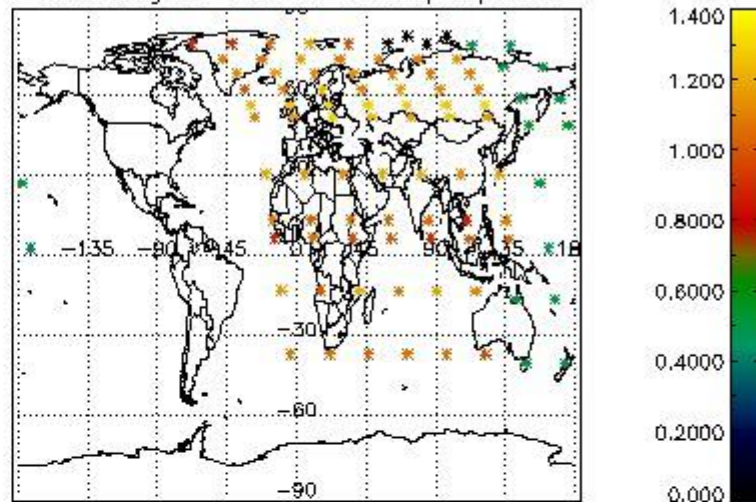
4.2 Plot quality information per product coming from level 1b processing (world map)

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

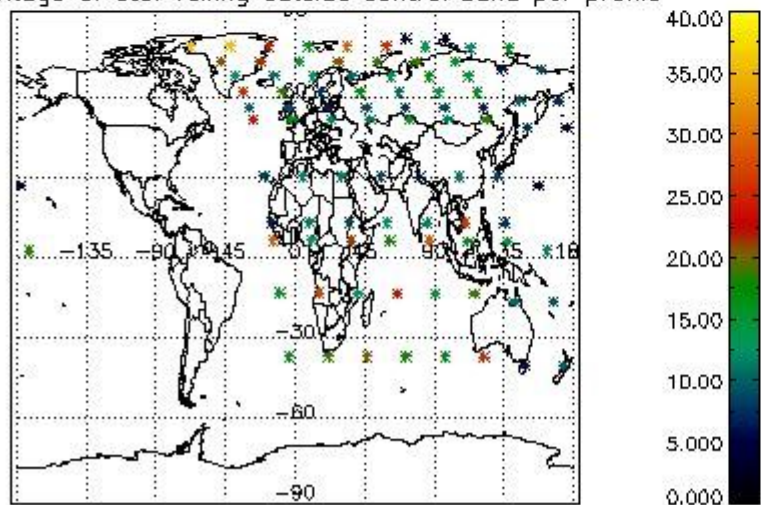
Percentage of cosmic ray hits per profile



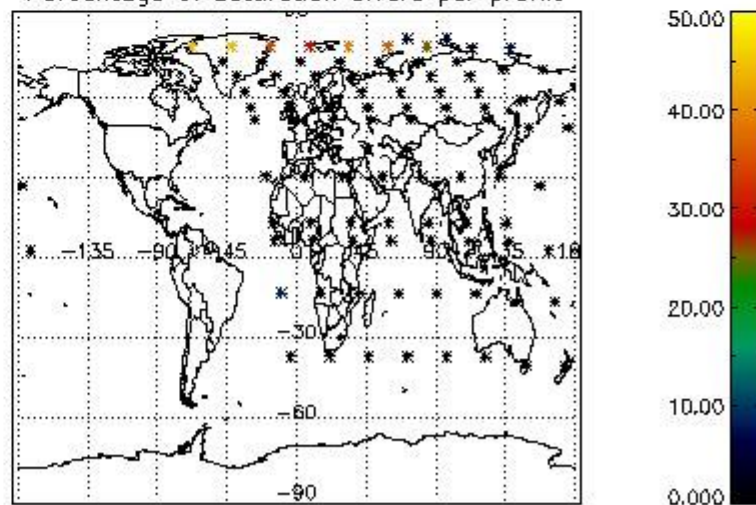
Percentage of datation errors per profile



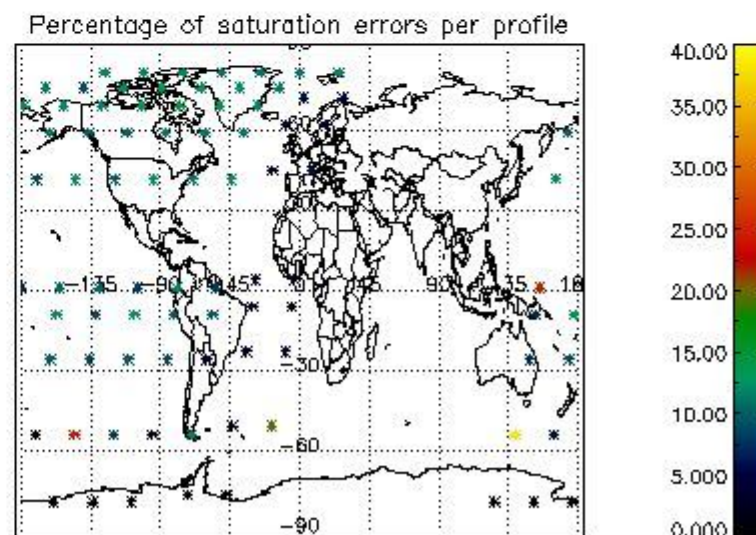
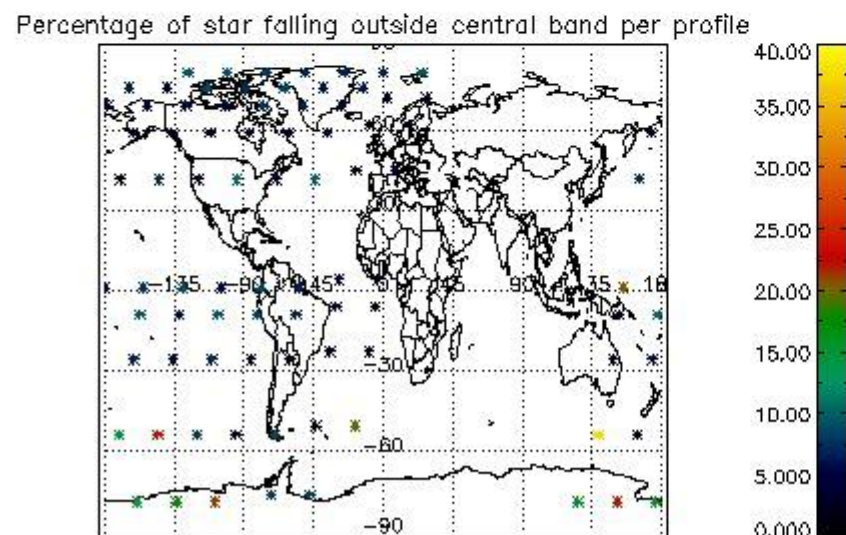
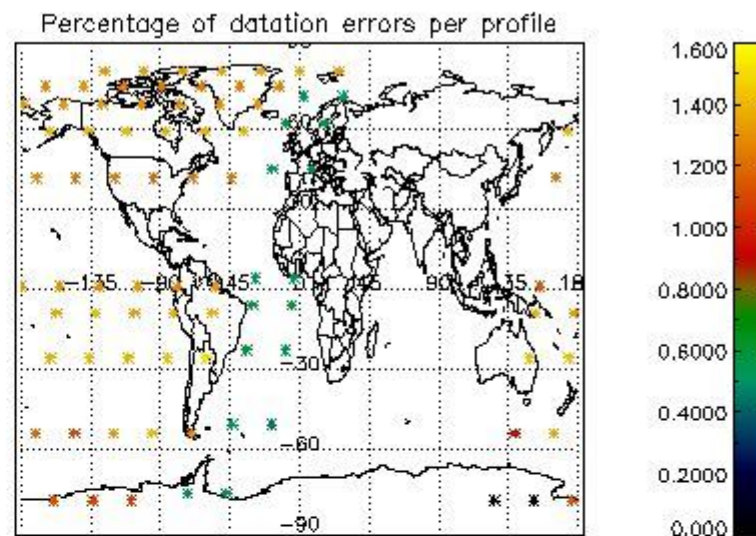
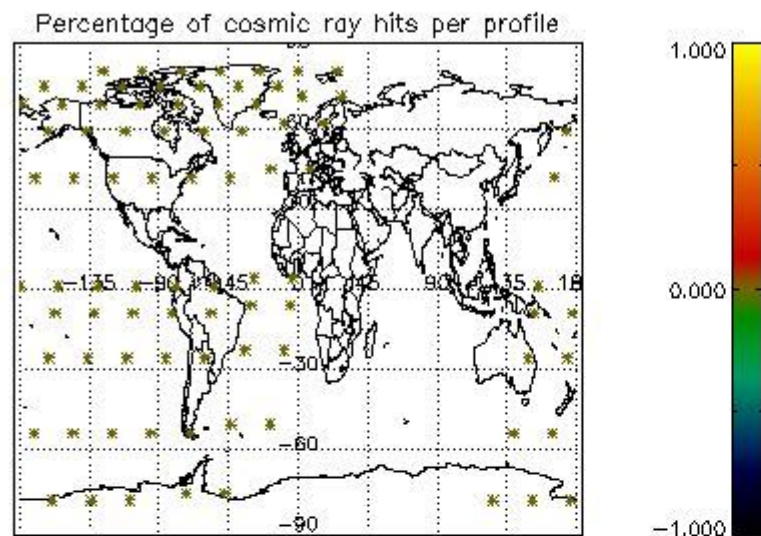
Percentage of star falling outside central band per profile



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

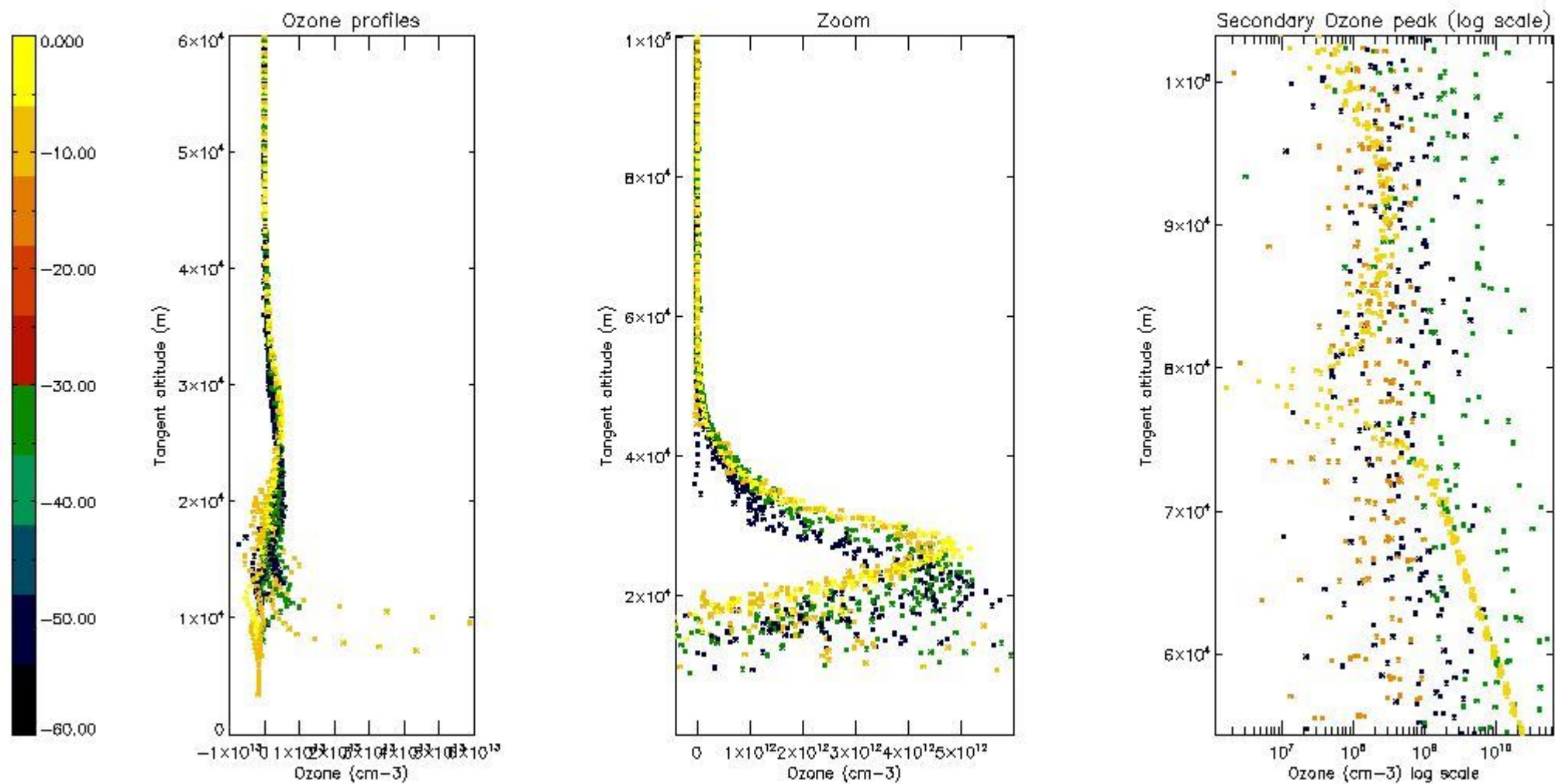
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	6

STD < 10	3
STD < 5	2

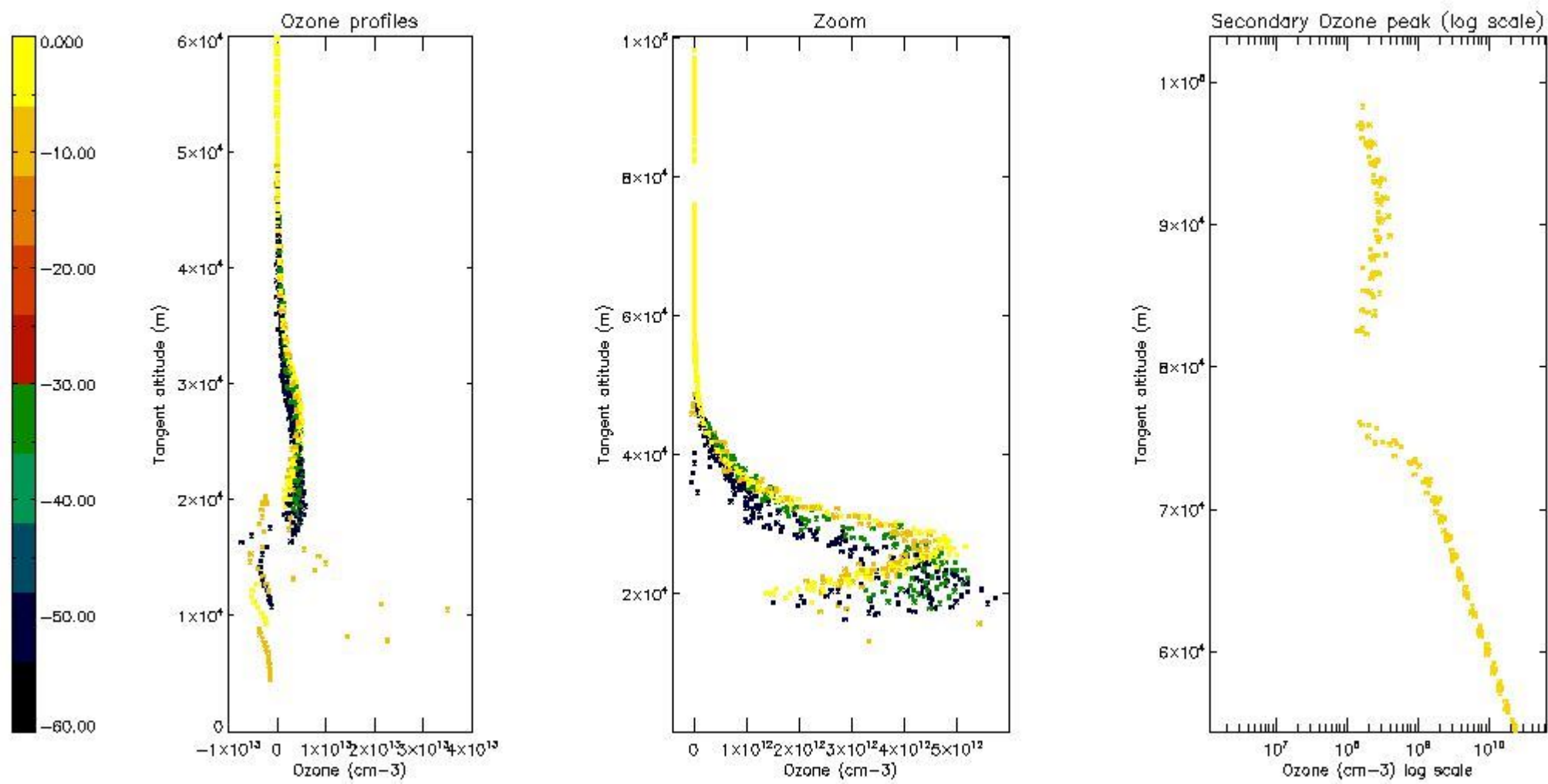
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



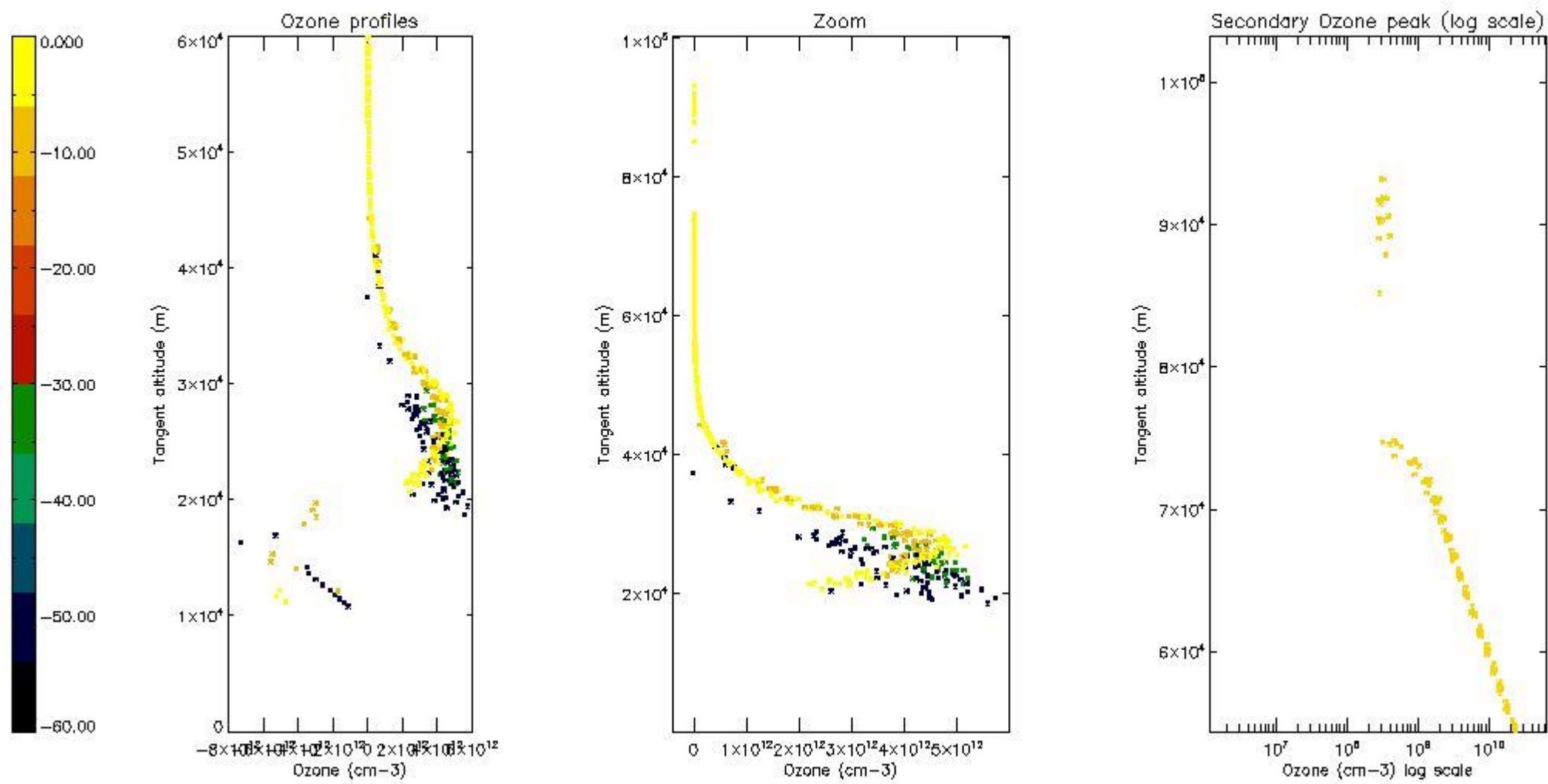
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



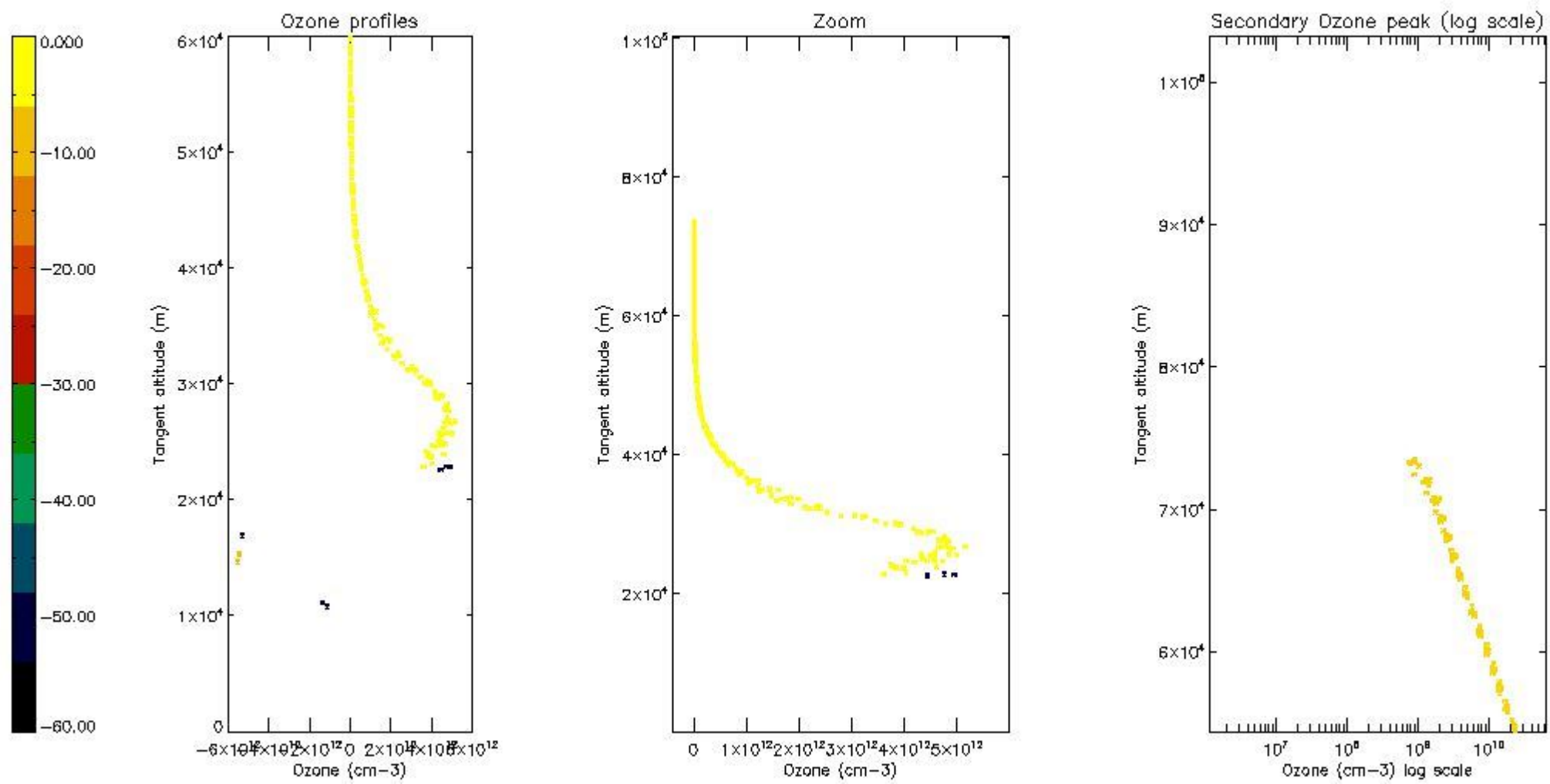
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



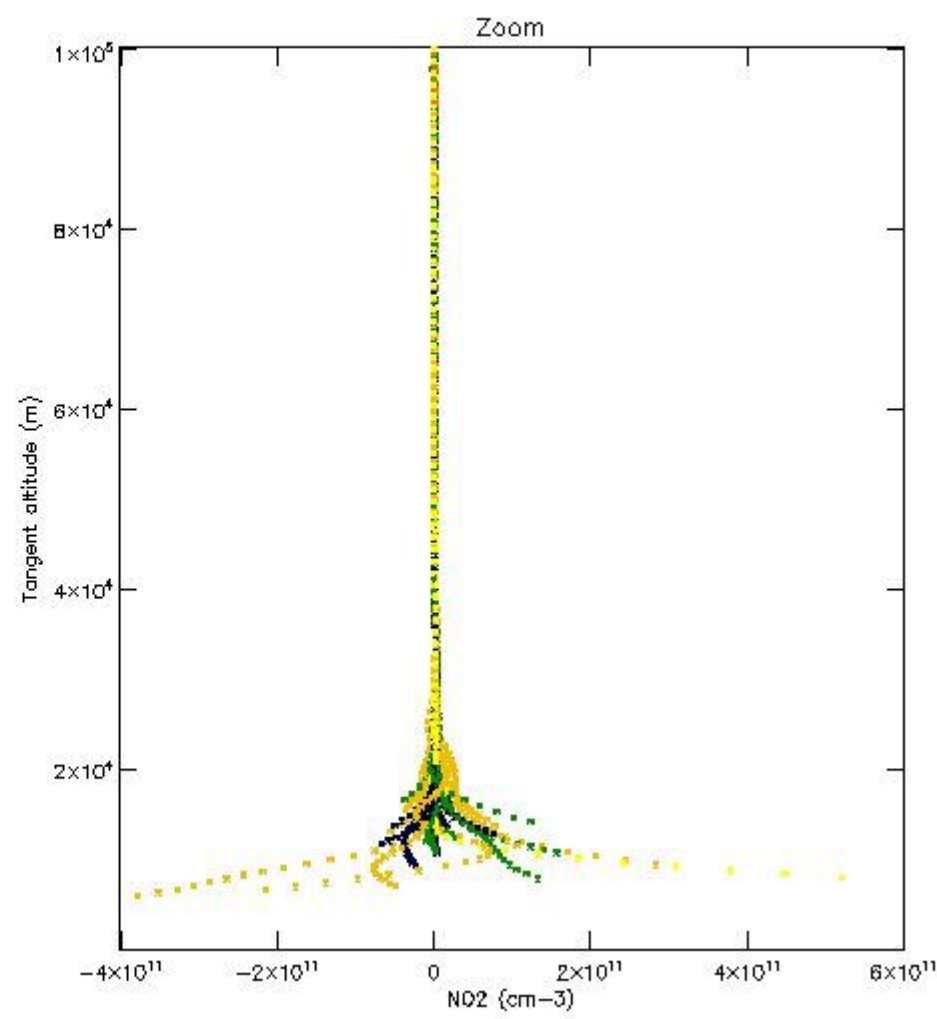
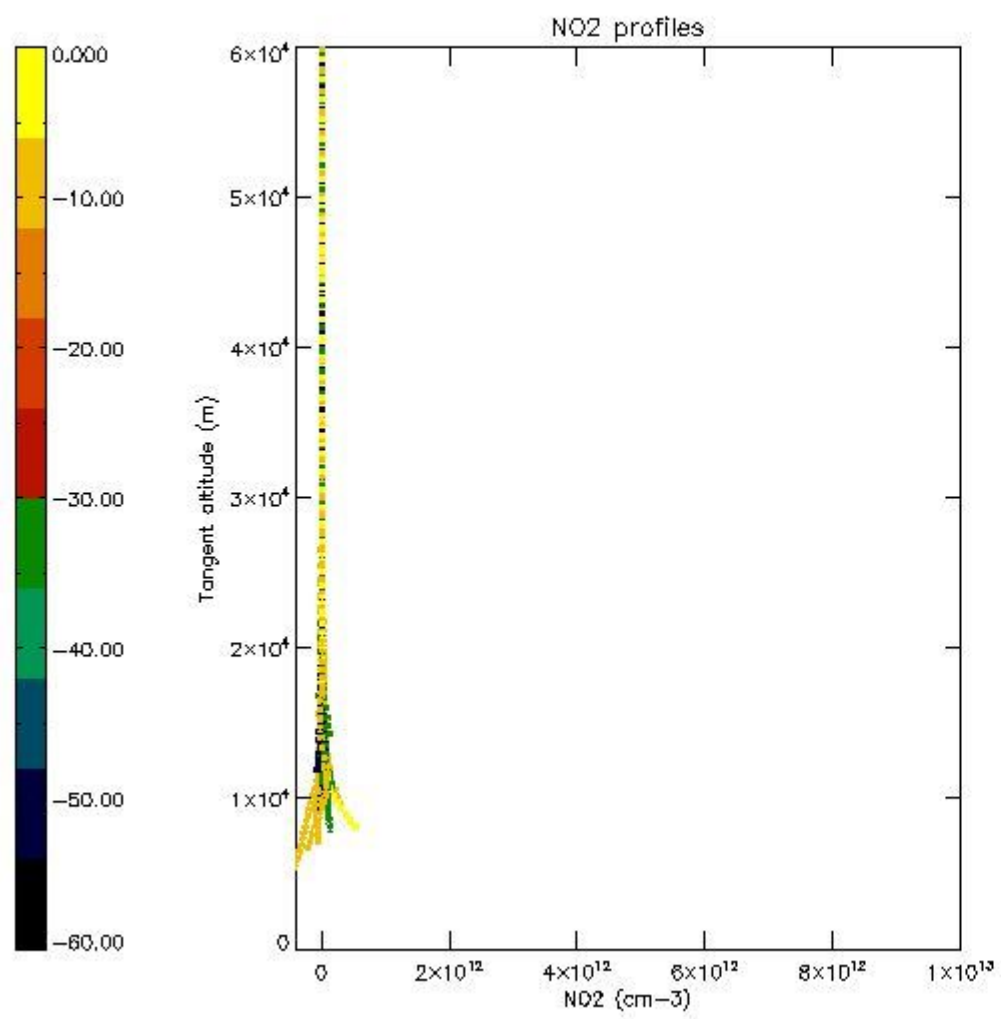
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



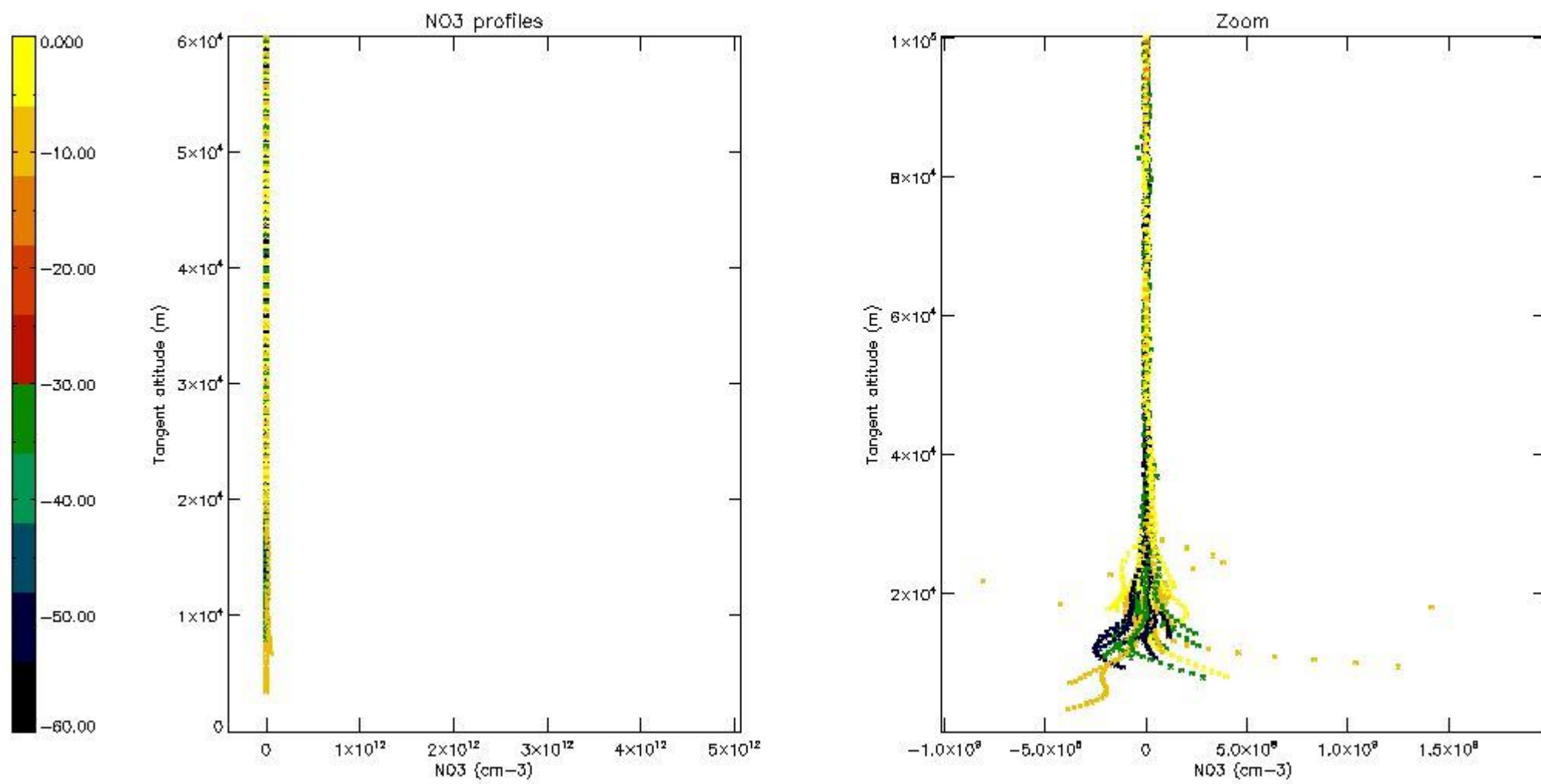
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



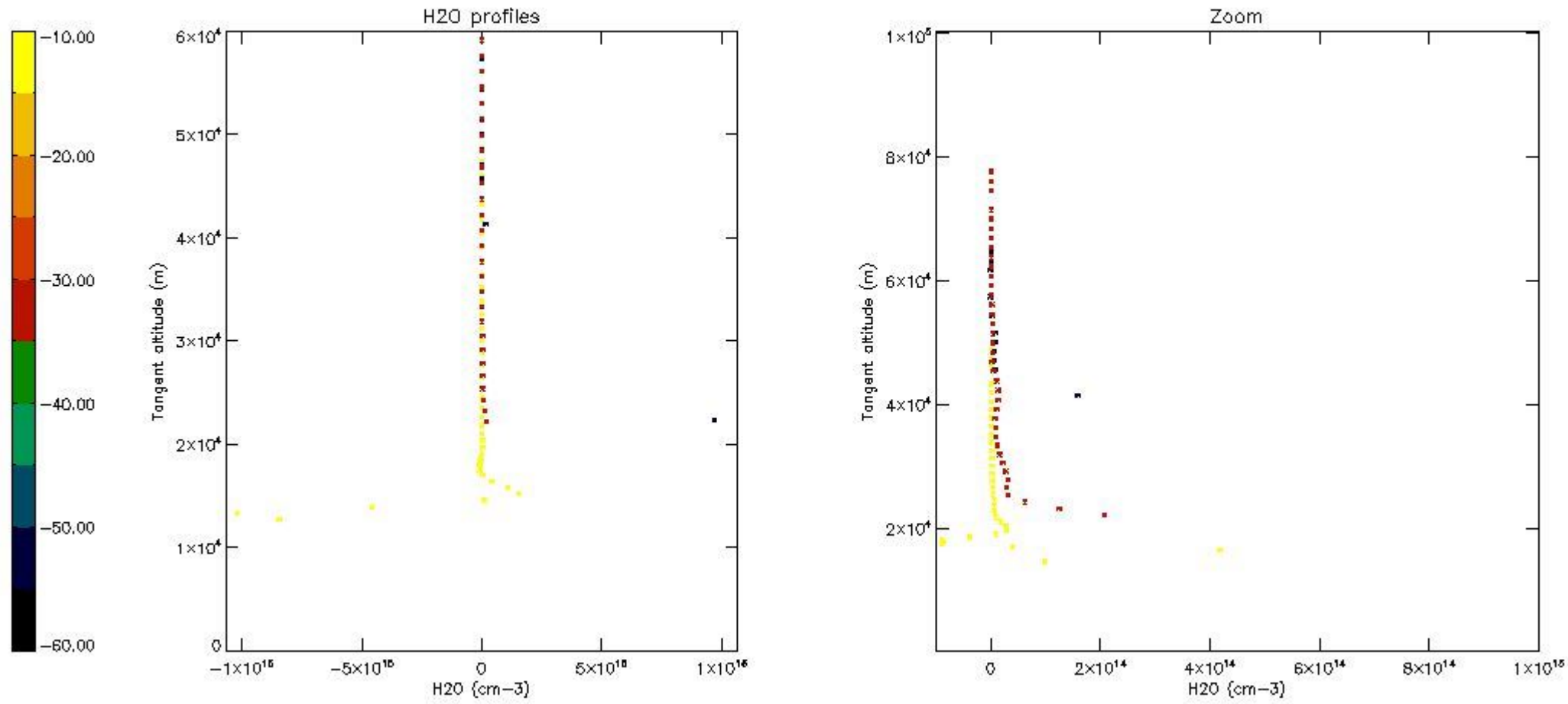
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUN-2007 09:27:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUN-2007 09:27:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUN-2007 09:27:16

GOMOS Level 2 Daily Report

SUMMARY

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[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](#)

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 20:18:41
Data source version	GOMOS/6.01
Start time of products	03-06-2007 (03JUN2007 00:00:00)
Stop time of products	04-06-2007 (04JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	178
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__2PRFIN20070603_092716_000001202058_00380_27488_5867.N1	03-JUN-2007 09:27:16	Dark	120.00	63	Bet Gru	2.1500	2800.0	240	27488	No
2	GOM_NL__2PRFIN20070603_093405_000000982058_00380_27488_5868.N1	03-JUN-2007 09:34:05	Straylight	98.000	45	Alp Pav	1.9400	26000.	196	27488	No
3	GOM_NL__2PRFIN20070603_094011_000000922058_00380_27488_5869.N1	03-JUN-2007 09:40:11	Straylight	91.500	141	Bet Ara	2.8400	4600.0	183	27488	No
4	GOM_NL__2PRFIN20070603_094305_000001022058_00380_27488_5870.N1	03-JUN-2007 09:43:05	Straylight	102.00	40	The Sco	1.8590	7100.0	204	27488	No
5	GOM_NL__2PRFIN20070603_094637_000001002058_00380_27488_5871.N1	03-JUN-2007 09:46:37	Twilight_stray	100.00	75	26Eps Sco	2.2910	4250.0	200	27488	No
6	GOM_NL__2PRFIN20070603_094915_000001082058_00380_27488_5872.N1	03-JUN-2007 09:49:15	Bright	108.00	16	21Alp Sco	1.0200	3000.0	216	27488	No
7	GOM_NL__2PRFIN20070603_095128_000000912058_00380_27488_5873.N1	03-JUN-2007 09:51:28	Bright	90.500	97	8Bet1Sco	2.5610	30000.	181	27488	No
8	GOM_NL__2PRFIN20070603_095612_000000942058_00380_27488_5874.N1	03-JUN-2007 09:56:12	Bright	93.500	120	1Del Oph	2.7340	3200.0	187	27488	No
9	GOM_NL__2PRFIN20070603_095914_000000892058_00380_27488_5875.N1	03-JUN-2007 09:59:14	Bright	89.000	102	24Alp Ser	2.6000	4250.0	178	27488	No
10	GOM_NL__2PRFIN20070603_100407_000001022058_00380_27488_5876.N1	03-JUN-2007 10:04:07	Bright	101.50	127	27Bet Her	2.7810	4700.0	203	27488	No
11	GOM_NL__2PRFIN20070603_101538_000000902058_00380_27488_5877.N1	03-JUN-2007 10:15:38	Bright	90.000	119	14Eta Dra	2.7270	4700.0	180	27488	No
12	GOM_NL__2PRFIN20070603_101828_000000832058_00380_27488_5878.N1	03-JUN-2007 10:18:28	Bright	83.000	60	7Bet UMi	2.0810	3950.0	166	27488	No
13	GOM_NL__2PRFIN20070603_102308_000000872058_00380_27488_5879.N1	03-JUN-2007 10:23:08	Bright	87.000	49	1Alp UMi	1.9900	6300.0	174	27488	No
14	GOM_NL__2PRFIN20070603_103105_000001112058_00380_27488_5880.N1	03-JUN-2007 10:31:05	Bright	111.00	76	27Gam Cas	2.3000	30000.	222	27488	No
15	GOM_NL__2PRFIN20070603_103854_000001032058_00380_27488_5881.N1	03-JUN-2007 10:38:54	Bright	102.50	53	43Bet And	2.0480	3300.0	205	27488	No
16	GOM_NL__2PRFIN20070603_105546_000001072058_00380_27488_5882.N1	03-JUN-2007 10:55:46	Dark	106.50	52	16Bet Cet	2.0370	4500.0	213	27488	No
17	GOM_NL__2PRFIN20070603_110230_000000992058_00380_27488_5883.N1	03-JUN-2007 11:02:30	Dark	98.500	84	Alp Phe	2.3970	4500.0	197	27488	No
18	GOM_NL__2PRFIN20070603_110753_000001112058_00381_27489_5888.N1	03-JUN-2007 11:07:53	Dark	111.00	63	Bet Gru	2.1500	2800.0	222	27489	No
19	GOM_NL__2PRFIN20070603_111441_000000972058_00381_27489_5889.N1	03-JUN-2007 11:14:41	Straylight	97.000	45	Alp Pav	1.9400	26000.	194	27489	No
20	GOM_NL__2PRFIN20070603_112048_000000952058_00381_27489_5890.N1	03-JUN-2007 11:20:48	Straylight	94.500	141	Bet Ara	2.8400	4600.0	189	27489	No
21	GOM_NL__2PRFIN20070603_112341_000001052058_00381_27489_5891.N1	03-JUN-2007 11:23:41	Straylight	105.00	40	The Sco	1.8590	7100.0	210	27489	No
22	GOM_NL__2PRFIN20070603_112714_000000972058_00381_27489_5892.N1	03-JUN-2007 11:27:14	Twilight_stray	97.000	75	26Eps Sco	2.2910	4250.0	194	27489	No
23	GOM_NL__2PRFIN20070603_112951_000001032058_00381_27489_5893.N1	03-JUN-2007 11:29:51	Bright	103.00	16	21Alp Sco	1.0200	3000.0	206	27489	No
24	GOM_NL__2PRFIN20070603_113205_000000902058_00381_27489_5894.N1	03-JUN-2007 11:32:05	Bright	90.000	97	8Bet1Sco	2.5610	30000.	180	27489	No
25	GOM_NL__2PRFIN20070603_113648_000000942058_00381_27489_5895.N1	03-JUN-2007 11:36:48	Bright	94.000	120	1Del Oph	2.7340	3200.0	188	27489	No
26	GOM_NL__2PRFIN20070603_113950_000000892058_00381_27489_5896.N1	03-JUN-2007 11:39:50	Bright	88.500	102	24Alp Ser	2.6000	4250.0	177	27489	No
27	GOM_NL__2PRFIN20070603_114443_000000992058_00381_27489_5897.N1	03-JUN-2007 11:44:43	Bright	98.500	127	27Bet Her	2.7810	4700.0	197	27489	No
28	GOM_NL__2PRFIN20070603_115613_000000922058_00381_27489_5898.N1	03-JUN-2007 11:56:13	Bright	91.500	119	14Eta Dra	2.7270	4700.0	183	27489	No
29	GOM_NL__2PRFIN20070603_115904_000000882058_00381_27489_5899.N1	03-JUN-2007 11:59:04	Bright	87.500	60	7Bet UMi	2.0810	3950.0	175	27489	No
30	GOM_NL__2PRFIN20070603_120344_000000872058_00381_27489_5900.N1	03-JUN-2007 12:03:44	Bright	87.000	49	1Alp UMi	1.9900	6300.0	174	27489	No
31	GOM_NL__2PRFIN20070603_121140_000000922058_00381_27489_5901.N1	03-JUN-2007 12:11:40	Bright	91.500	76	27Gam Cas	2.3000	30000.	183	27489	No
32	GOM_NL__2PRFIN20070603_121930_000001022058_00381_27489_5902.N1	03-JUN-2007 12:19:30	Bright	102.00	53	43Bet And	2.0480	3300.0	204	27489	No
33	GOM_NL__2PRFIN20070603_123623_000001012058_00381_27489_5903.N1	03-JUN-2007 12:36:23	Dark	101.00	52	16Bet Cet	2.0370	4500.0	202	27489	No
34	GOM_NL__2PRFIN20070603_124306_000001012058_00381_27489_5904.N1	03-JUN-2007 12:43:06	Dark	100.50	84	Alp Phe	2.3970	4500.0	201	27489	No
35	GOM_NL__2PRFIN20070603_124928_000000482058_00382_27490_5904.N1	03-JUN-2007 12:49:28	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	27490	No
36	GOM_NL__2PRFIN20070603_125122_000000462058_00382_27490_5905.N1	03-JUN-2007 12:51:22	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27490	No
37	GOM_NL__2PRFIN20070603_125613_000000432058_00382_27490_5906.N1	03-JUN-2007 12:56:13	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27490	No
38	GOM_NL__2PRFIN20070603_130216_000000432058_00382_27490_5907.N1	03-JUN-2007 13:02:16	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27490	No
39	GOM_NL__2PRFIN20070603_130332_000000392058_00382_27490_5908.N1	03-JUN-2007 13:03:32	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27490	No
40	GOM_NL__2PRFIN20070603_130514_000000452058_00382_27490_5909.N1	03-JUN-2007 13:05:14	Straylight	45.000	40	The Sco	1.8590	7100.0	90	27490	No
41	GOM_NL__2PRFIN20070603_130701_000000462058_00382_27490_5910.N1	03-JUN-2007 13:07:01	Twilight_stray	46.000	25	35Lam Sco	1.6200	28000.	92	27490	No
42	GOM_NL__2PRFIN20070603_130844_000000442058_00382_27490_5911.N1	03-JUN-2007 13:08:44	Twilight_stray	43.500	75	26Eps Sco	2.2910	4250.0	87	27490	No

43	GOM_NL__2PRFIN20070603_131045_000000412058_00382_27490_5912.N1	03-JUN-2007 13:10:45	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	27490	No
44	GOM_NL__2PRFIN20070603_131334_000000382058_00382_27490_5913.N1	03-JUN-2007 13:13:34	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27490	No
45	GOM_NL__2PRFIN20070603_131609_000000402058_00382_27490_5914.N1	03-JUN-2007 13:16:09	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	27490	No
46	GOM_NL__2PRFIN20070603_131819_000000382058_00382_27490_5915.N1	03-JUN-2007 13:18:19	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27490	No
47	GOM_NL__2PRFIN20070603_132119_000000362058_00382_27490_5916.N1	03-JUN-2007 13:21:19	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27490	No
48	GOM_NL__2PRFIN20070603_132617_000000412058_00382_27490_5917.N1	03-JUN-2007 13:26:17	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	27490	No
49	GOM_NL__2PRFIN20070603_133741_000000382058_00382_27490_5918.N1	03-JUN-2007 13:37:41	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	27490	No
50	GOM_NL__2PRFIN20070603_134030_000000362058_00382_27490_5919.N1	03-JUN-2007 13:40:30	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27490	No
51	GOM_NL__2PRFIN20070603_134512_000000332058_00382_27490_5920.N1	03-JUN-2007 13:45:12	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27490	No
52	GOM_NL__2PRFIN20070603_135311_000000392058_00382_27490_5921.N1	03-JUN-2007 13:53:11	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	27490	No
53	GOM_NL__2PRFIN20070603_140102_000000472058_00382_27490_5922.N1	03-JUN-2007 14:01:02	Bright	47.000	53	43Bet And	2.0480	3300.0	94	27490	No
54	GOM_NL__2PRFIN20070603_141756_000000522058_00382_27490_5923.N1	03-JUN-2007 14:17:56	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	27490	No
55	GOM_NL__2PRFIN20070603_142436_000000452058_00382_27490_5924.N1	03-JUN-2007 14:24:36	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	27490	No
56	GOM_NL__2PRFIN20070603_143004_000000502058_00383_27491_5912.N1	03-JUN-2007 14:30:04	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27491	No
57	GOM_NL__2PRFIN20070603_143159_000000582058_00383_27491_5913.N1	03-JUN-2007 14:31:59	Dark	57.500	31	Alp Gru	1.7340	15200.	115	27491	No
58	GOM_NL__2PRFIN20070603_143650_000000442058_00383_27491_5914.N1	03-JUN-2007 14:36:50	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	27491	No
59	GOM_NL__2PRFIN20070603_144252_000000402058_00383_27491_5915.N1	03-JUN-2007 14:42:52	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27491	No
60	GOM_NL__2PRFIN20070603_144408_000000402058_00383_27491_5916.N1	03-JUN-2007 14:44:08	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	27491	No
61	GOM_NL__2PRFIN20070603_144550_000000452058_00383_27491_5917.N1	03-JUN-2007 14:45:50	Straylight	44.500	40	The Sco	1.8590	7100.0	89	27491	No
62	GOM_NL__2PRFIN20070603_144738_000000472058_00383_27491_5918.N1	03-JUN-2007 14:47:38	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	27491	No
63	GOM_NL__2PRFIN20070603_144921_000000452058_00383_27491_5919.N1	03-JUN-2007 14:49:21	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	27491	No
64	GOM_NL__2PRFIN20070603_145121_000000482058_00383_27491_5920.N1	03-JUN-2007 14:51:21	Bright	47.500	136	23Tau Sco	2.8220	30000.	95	27491	No
65	GOM_NL__2PRFIN20070603_145410_000000372058_00383_27491_5921.N1	03-JUN-2007 14:54:10	Bright	37.000	97	8Bet1Sco	2.5610	30000.	74	27491	No
66	GOM_NL__2PRFIN20070603_145645_000000402058_00383_27491_5922.N1	03-JUN-2007 14:56:45	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	27491	No
67	GOM_NL__2PRFIN20070603_145855_000000392058_00383_27491_5923.N1	03-JUN-2007 14:58:55	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	27491	No
68	GOM_NL__2PRFIN20070603_150155_000000362058_00383_27491_5924.N1	03-JUN-2007 15:01:55	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27491	No
69	GOM_NL__2PRFIN20070603_150653_000000412058_00383_27491_5925.N1	03-JUN-2007 15:06:53	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	27491	No
70	GOM_NL__2PRFIN20070603_151817_000000402058_00383_27491_5926.N1	03-JUN-2007 15:18:17	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27491	No
71	GOM_NL__2PRFIN20070603_152106_000000372058_00383_27491_5927.N1	03-JUN-2007 15:21:06	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27491	No
72	GOM_NL__2PRFIN20070603_152548_000000352058_00383_27491_5928.N1	03-JUN-2007 15:25:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27491	No
73	GOM_NL__2PRFIN20070603_153347_000000362058_00383_27491_5929.N1	03-JUN-2007 15:33:47	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27491	No
74	GOM_NL__2PRFIN20070603_154138_000000462058_00383_27491_5930.N1	03-JUN-2007 15:41:38	Bright	45.500	53	43Bet And	2.0480	3300.0	91	27491	No
75	GOM_NL__2PRFIN20070603_155833_000000472058_00383_27491_5931.N1	03-JUN-2007 15:58:33	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	27491	No
76	GOM_NL__2PRFIN20070603_160512_000000432058_00383_27491_5932.N1	03-JUN-2007 16:05:12	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27491	No
77	GOM_NL__2PRFIN20070603_161041_000000572058_00384_27492_5936.N1	03-JUN-2007 16:10:41	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	27492	No
78	GOM_NL__2PRFIN20070603_161236_000000482058_00384_27492_5937.N1	03-JUN-2007 16:12:36	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27492	No
79	GOM_NL__2PRFIN20070603_161726_000000422058_00384_27492_5938.N1	03-JUN-2007 16:17:26	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27492	No
80	GOM_NL__2PRFIN20070603_162328_000000422058_00384_27492_5939.N1	03-JUN-2007 16:23:28	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27492	No
81	GOM_NL__2PRFIN20070603_162445_000000392058_00384_27492_5940.N1	03-JUN-2007 16:24:45	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27492	No
82	GOM_NL__2PRFIN20070603_162627_000000432058_00384_27492_5941.N1	03-JUN-2007 16:26:27	Straylight	42.500	40	The Sco	1.8590	7100.0	85	27492	No
83	GOM_NL__2PRFIN20070603_162814_000000462058_00384_27492_5942.N1	03-JUN-2007 16:28:14	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	27492	No
84	GOM_NL__2PRFIN20070603_162957_000000452058_00384_27492_5943.N1	03-JUN-2007 16:29:57	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	27492	No
85	GOM_NL__2PRFIN20070603_163157_000000512058_00384_27492_5944.N1	03-JUN-2007 16:31:57	Bright	51.000	136	23Tau Sco	2.8220	30000.	102	27492	No
86	GOM_NL__2PRFIN20070603_163446_000000372058_00384_27492_5945.N1	03-JUN-2007 16:34:46	Bright	37.000	97	8Bet1Sco	2.5610	30000.	74	27492	No
87	GOM_NL__2PRFIN20070603_163721_000000412058_00384_27492_5946.N1	03-JUN-2007 16:37:21	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	27492	No
88	GOM_NL__2PRFIN20070603_163931_000000392058_00384_27492_5947.N1	03-JUN-2007 16:39:31	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	27492	No
89	GOM_NL__2PRFIN20070603_164231_000000362058_00384_27492_5948.N1	03-JUN-2007 16:42:31	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27492	No
90	GOM_NL__2PRFIN20070603_164729_000000432058_00384_27492_5949.N1	03-JUN-2007 16:47:29	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	27492	No
91	GOM_NL__2PRFIN20070603_165853_000000382058_00384_27492_5950.N1	03-JUN-2007 16:58:53	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	27492	No
92	GOM_NL__2PRFIN20070603_170142_000000382058_00384_27492_5951.N1	03-JUN-2007 17:01:42	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27492	No
93	GOM_NL__2PRFIN20070603_170623_000000362058_00384_27492_5952.N1	03-JUN-2007 17:06:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27492	No
94	GOM_NL__2PRFIN20070603_171423_000000382058_00384_27492_5953.N1	03-JUN-2007 17:14:23	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	27492	No
95	GOM_NL__2PRFIN20070603_172214_000000452058_00384_27492_5954.N1	03-JUN-2007 17:22:14	Bright	44.500	53	43Bet And	2.0480	3300.0	89	27492	No
96	GOM_NL__2PRFIN20070603_173909_000000472058_00384_27492_5955.N1	03-JUN-2007 17:39:09	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	27492	No
97	GOM_NL__2PRFIN20070603_174549_000000472058_00384_27492_5956.N1	03-JUN-2007 17:45:49	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	27492	No
98	GOM_NL__2PRFIN20070603_175118_000000502058_00385_27493_5947.N1	03-JUN-2007 17:51:18	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	27493	No
99	GOM_NL__2PRFIN20070603_175313_000000492058_00385_27493_5948.N1	03-JUN-2007 17:53:13	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27493	No
100	GOM_NL__2PRFIN20070603_175803_000000422058_00385_27493_5949.N1	03-JUN-2007 17:58:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27493	No
101	GOM_NL__2PRFIN20070603_180405_000000402058_00385_27493_5950.N1	03-JUN-2007 18:04:05	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27493	No

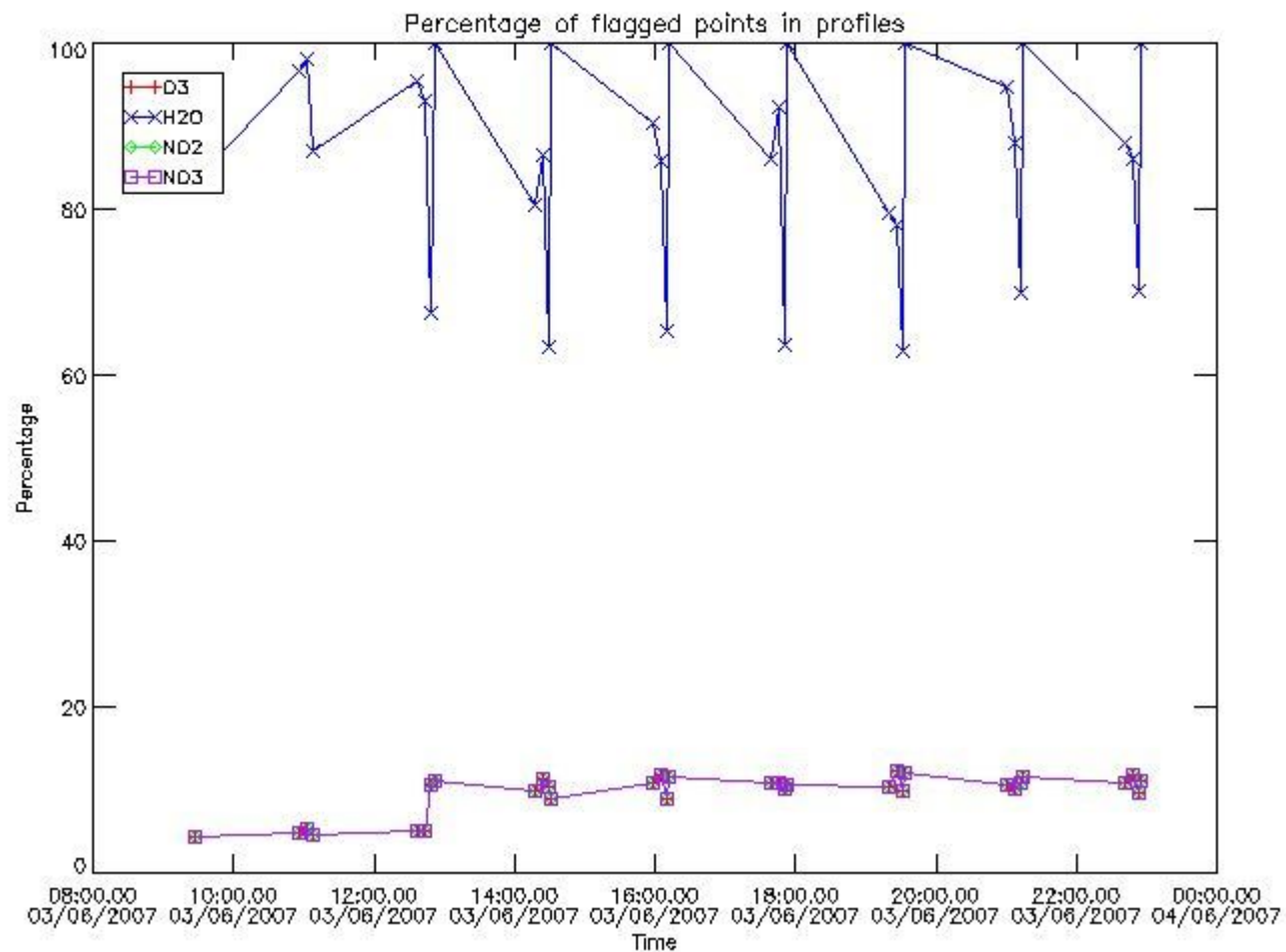
102	GOM_NL__2PRFIN20070603_180521_000000392058_00385_27493_5951.N1	03-JUN-2007 18:05:21	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27493	No
103	GOM_NL__2PRFIN20070603_180703_000000462058_00385_27493_5952.N1	03-JUN-2007 18:07:03	Straylight	45.500	40	The Sco	1.8590	7100.0	91	27493	No
104	GOM_NL__2PRFIN20070603_180850_000000442058_00385_27493_5953.N1	03-JUN-2007 18:08:50	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27493	No
105	GOM_NL__2PRFIN20070603_181033_000000462058_00385_27493_5954.N1	03-JUN-2007 18:10:33	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27493	No
106	GOM_NL__2PRFIN20070603_181233_000000432058_00385_27493_5955.N1	03-JUN-2007 18:12:33	Bright	43.000	136	23Tau Sco	2.8220	30000.	86	27493	No
107	GOM_NL__2PRFIN20070603_181522_000000372058_00385_27493_5956.N1	03-JUN-2007 18:15:22	Bright	37.000	97	8Bet1Sco	2.5610	30000.	74	27493	No
108	GOM_NL__2PRFIN20070603_181757_000000412058_00385_27493_5957.N1	03-JUN-2007 18:17:57	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	27493	No
109	GOM_NL__2PRFIN20070603_182007_000000392058_00385_27493_5958.N1	03-JUN-2007 18:20:07	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	27493	No
110	GOM_NL__2PRFIN20070603_182307_000000362058_00385_27493_5959.N1	03-JUN-2007 18:23:07	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27493	No
111	GOM_NL__2PRFIN20070603_182804_000000412058_00385_27493_5960.N1	03-JUN-2007 18:28:04	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	27493	No
112	GOM_NL__2PRFIN20070603_183929_000000392058_00385_27493_5961.N1	03-JUN-2007 18:39:29	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27493	No
113	GOM_NL__2PRFIN20070603_184218_000000362058_00385_27493_5962.N1	03-JUN-2007 18:42:18	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27493	No
114	GOM_NL__2PRFIN20070603_184659_000000362058_00385_27493_5963.N1	03-JUN-2007 18:46:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27493	No
115	GOM_NL__2PRFIN20070603_185458_000000462058_00385_27493_5964.N1	03-JUN-2007 18:54:58	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	27493	No
116	GOM_NL__2PRFIN20070603_190250_000000452058_00385_27493_5965.N1	03-JUN-2007 19:02:50	Bright	44.500	53	43Bet And	2.0480	3300.0	89	27493	No
117	GOM_NL__2PRFIN20070603_191946_000000492058_00385_27493_5966.N1	03-JUN-2007 19:19:46	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	27493	No
118	GOM_NL__2PRFIN20070603_192626_000000422058_00385_27493_5967.N1	03-JUN-2007 19:26:26	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	27493	No
119	GOM_NL__2PRFIN20070603_193155_000000522058_00386_27494_5973.N1	03-JUN-2007 19:31:55	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	27494	No
120	GOM_NL__2PRFIN20070603_193350_000000472058_00386_27494_5974.N1	03-JUN-2007 19:33:50	Dark	46.500	31	Alp Gru	1.7340	15200.	93	27494	No
121	GOM_NL__2PRFIN20070603_193840_000000442058_00386_27494_5975.N1	03-JUN-2007 19:38:40	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27494	No
122	GOM_NL__2PRFIN20070603_194441_000000392058_00386_27494_5976.N1	03-JUN-2007 19:44:41	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27494	No
123	GOM_NL__2PRFIN20070603_194557_000000392058_00386_27494_5977.N1	03-JUN-2007 19:45:57	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27494	No
124	GOM_NL__2PRFIN20070603_194740_000000412058_00386_27494_5978.N1	03-JUN-2007 19:47:40	Straylight	41.000	40	The Sco	1.8590	7100.0	82	27494	No
125	GOM_NL__2PRFIN20070603_194927_000000452058_00386_27494_5979.N1	03-JUN-2007 19:49:27	Tw_i_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	27494	No
126	GOM_NL__2PRFIN20070603_195109_000000432058_00386_27494_5980.N1	03-JUN-2007 19:51:09	Tw_i_and_stray	43.000	75	26Eps Sco	2.2910	4250.0	86	27494	No
127	GOM_NL__2PRFIN20070603_195309_000000472058_00386_27494_5981.N1	03-JUN-2007 19:53:09	Bright	47.000	136	23Tau Sco	2.8220	30000.	94	27494	No
128	GOM_NL__2PRFIN20070603_195558_000000382058_00386_27494_5982.N1	03-JUN-2007 19:55:58	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27494	No
129	GOM_NL__2PRFIN20070603_195833_000000402058_00386_27494_5983.N1	03-JUN-2007 19:58:33	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	27494	No
130	GOM_NL__2PRFIN20070603_200043_000000382058_00386_27494_5984.N1	03-JUN-2007 20:00:43	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27494	No
131	GOM_NL__2PRFIN20070603_200343_000000362058_00386_27494_5985.N1	03-JUN-2007 20:03:43	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27494	No
132	GOM_NL__2PRFIN20070603_200840_000000412058_00386_27494_5986.N1	03-JUN-2007 20:08:40	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	27494	No
133	GOM_NL__2PRFIN20070603_202004_000000392058_00386_27494_5987.N1	03-JUN-2007 20:20:04	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27494	No
134	GOM_NL__2PRFIN20070603_202254_000000372058_00386_27494_5988.N1	03-JUN-2007 20:22:54	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27494	No
135	GOM_NL__2PRFIN20070603_202735_000000362058_00386_27494_5989.N1	03-JUN-2007 20:27:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27494	No
136	GOM_NL__2PRFIN20070603_203534_000000422058_00386_27494_5990.N1	03-JUN-2007 20:35:34	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	27494	No
137	GOM_NL__2PRFIN20070603_204326_000000482058_00386_27494_5991.N1	03-JUN-2007 20:43:26	Bright	47.500	53	43Bet And	2.0480	3300.0	95	27494	No
138	GOM_NL__2PRFIN20070603_210023_000000482058_00386_27494_5992.N1	03-JUN-2007 21:00:23	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	27494	No
139	GOM_NL__2PRFIN20070603_210702_000000502058_00386_27494_5993.N1	03-JUN-2007 21:07:02	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	27494	No
140	GOM_NL__2PRFIN20070603_211232_000000472058_00387_27495_5995.N1	03-JUN-2007 21:12:32	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	27495	No
141	GOM_NL__2PRFIN20070603_211427_000000492058_00387_27495_5996.N1	03-JUN-2007 21:14:27	Dark	48.500	31	Alp Gru	1.7340	15200.	97	27495	No
142	GOM_NL__2PRFIN20070603_211916_000000442058_00387_27495_5997.N1	03-JUN-2007 21:19:16	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27495	No
143	GOM_NL__2PRFIN20070603_212517_000000422058_00387_27495_5998.N1	03-JUN-2007 21:25:17	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27495	No
144	GOM_NL__2PRFIN20070603_212634_000000392058_00387_27495_5999.N1	03-JUN-2007 21:26:34	Straylight	39.000	147	Alp Ara	2.8770	26000.	78	27495	No
145	GOM_NL__2PRFIN20070603_212816_000000462058_00387_27495_6000.N1	03-JUN-2007 21:28:16	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27495	No
146	GOM_NL__2PRFIN20070603_213003_000000432058_00387_27495_6001.N1	03-JUN-2007 21:30:03	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27495	No
147	GOM_NL__2PRFIN20070603_213145_000000472058_00387_27495_6002.N1	03-JUN-2007 21:31:45	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	27495	No
148	GOM_NL__2PRFIN20070603_213345_000000562058_00387_27495_6003.N1	03-JUN-2007 21:33:45	Bright	56.000	136	23Tau Sco	2.8220	30000.	112	27495	No
149	GOM_NL__2PRFIN20070603_213634_000000382058_00387_27495_6004.N1	03-JUN-2007 21:36:34	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27495	No
150	GOM_NL__2PRFIN20070603_213909_000000392058_00387_27495_6005.N1	03-JUN-2007 21:39:09	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	27495	No
151	GOM_NL__2PRFIN20070603_214118_000000382058_00387_27495_6006.N1	03-JUN-2007 21:41:18	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27495	No
152	GOM_NL__2PRFIN20070603_214419_000000362058_00387_27495_6007.N1	03-JUN-2007 21:44:19	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27495	No
153	GOM_NL__2PRFIN20070603_214915_000000392058_00387_27495_6008.N1	03-JUN-2007 21:49:15	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	27495	No
154	GOM_NL__2PRFIN20070603_220040_000000382058_00387_27495_6009.N1	03-JUN-2007 22:00:40	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27495	No
155	GOM_NL__2PRFIN20070603_220330_000000382058_00387_27495_6010.N1	03-JUN-2007 22:03:30	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	27495	No
156	GOM_NL__2PRFIN20070603_220811_000000362058_00387_27495_6011.N1	03-JUN-2007 22:08:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27495	No
157	GOM_NL__2PRFIN20070603_221610_000000372058_00387_27495_6012.N1	03-JUN-2007 22:16:10	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	27495	No
158	GOM_NL__2PRFIN20070603_222402_000000452058_00387_27495_6013.N1	03-JUN-2007 22:24:02	Bright	45.000	53	43Bet And	2.0480	3300.0	90	27495	No
159	GOM_NL__2PRFIN20070603_224059_000000472058_00387_27495_6014.N1	03-JUN-2007 22:40:59	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	27495	No
160	GOM_NL__2PRFIN20070603_224739_000000442058_00387_27495_6015.N1	03-JUN-2007 22:47:39	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27495	No

161	GOM_NL__2PRFIN20070603_225309_000000582058_00388_27496_6007.N1	03-JUN-2007 22:53:09	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	27496	No
162	GOM_NL__2PRFIN20070603_225504_000000462058_00388_27496_6008.N1	03-JUN-2007 22:55:04	Dark	45.500	31	Alp Gru	1.7340	15200.	91	27496	No
163	GOM_NL__2PRFIN20070603_225953_000000422058_00388_27496_6009.N1	03-JUN-2007 22:59:53	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27496	No
164	GOM_NL__2PRFIN20070603_230554_000000462058_00388_27496_6010.N1	03-JUN-2007 23:05:54	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	27496	No
165	GOM_NL__2PRFIN20070603_230710_000000412058_00388_27496_6011.N1	03-JUN-2007 23:07:10	Straylight	40.500	147	Alp Ara	2.8770	26000.	81	27496	No
166	GOM_NL__2PRFIN20070603_230852_000000512058_00388_27496_6012.N1	03-JUN-2007 23:08:52	Straylight	51.000	40	The Sco	1.8590	7100.0	102	27496	No
167	GOM_NL__2PRFIN20070603_231039_000000452058_00388_27496_6013.N1	03-JUN-2007 23:10:39	Twilight_stray	44.500	25	35Lam Sco	1.6200	28000.	89	27496	No
168	GOM_NL__2PRFIN20070603_231222_000000462058_00388_27496_6014.N1	03-JUN-2007 23:12:22	Twilight_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27496	No
169	GOM_NL__2PRFIN20070603_231422_000000562058_00388_27496_6015.N1	03-JUN-2007 23:14:22	Bright	56.000	136	23Tau Sco	2.8220	30000.	112	27496	No
170	GOM_NL__2PRFIN20070603_231710_000000382058_00388_27496_6016.N1	03-JUN-2007 23:17:10	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27496	No
171	GOM_NL__2PRFIN20070603_231945_000000402058_00388_27496_6017.N1	03-JUN-2007 23:19:45	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	27496	No
172	GOM_NL__2PRFIN20070603_232154_000000382058_00388_27496_6018.N1	03-JUN-2007 23:21:54	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	27496	No
173	GOM_NL__2PRFIN20070603_232455_000000362058_00388_27496_6019.N1	03-JUN-2007 23:24:55	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27496	No
174	GOM_NL__2PRFIN20070603_232951_000000422058_00388_27496_6020.N1	03-JUN-2007 23:29:51	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	27496	No
175	GOM_NL__2PRFIN20070603_234115_000000442058_00388_27496_6021.N1	03-JUN-2007 23:41:15	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	27496	No
176	GOM_NL__2PRFIN20070603_234406_000000362058_00388_27496_6022.N1	03-JUN-2007 23:44:06	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27496	No
177	GOM_NL__2PRFIN20070603_234847_000000352058_00388_27496_6023.N1	03-JUN-2007 23:48:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27496	No
178	GOM_NL__2PRFIN20070603_235646_000000562058_00388_27496_6024.N1	03-JUN-2007 23:56:46	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	27496	No

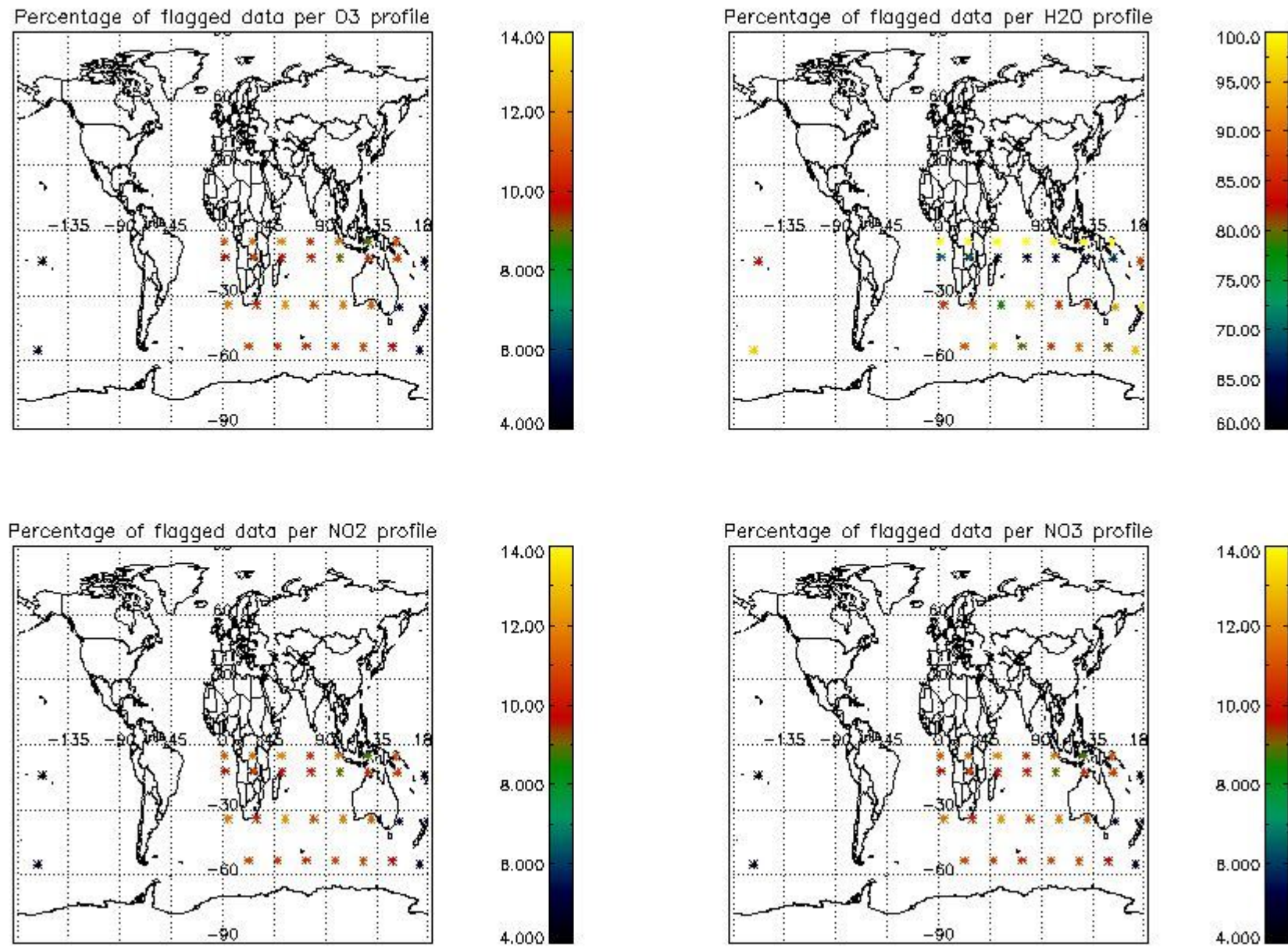
3. Quality information per product

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)

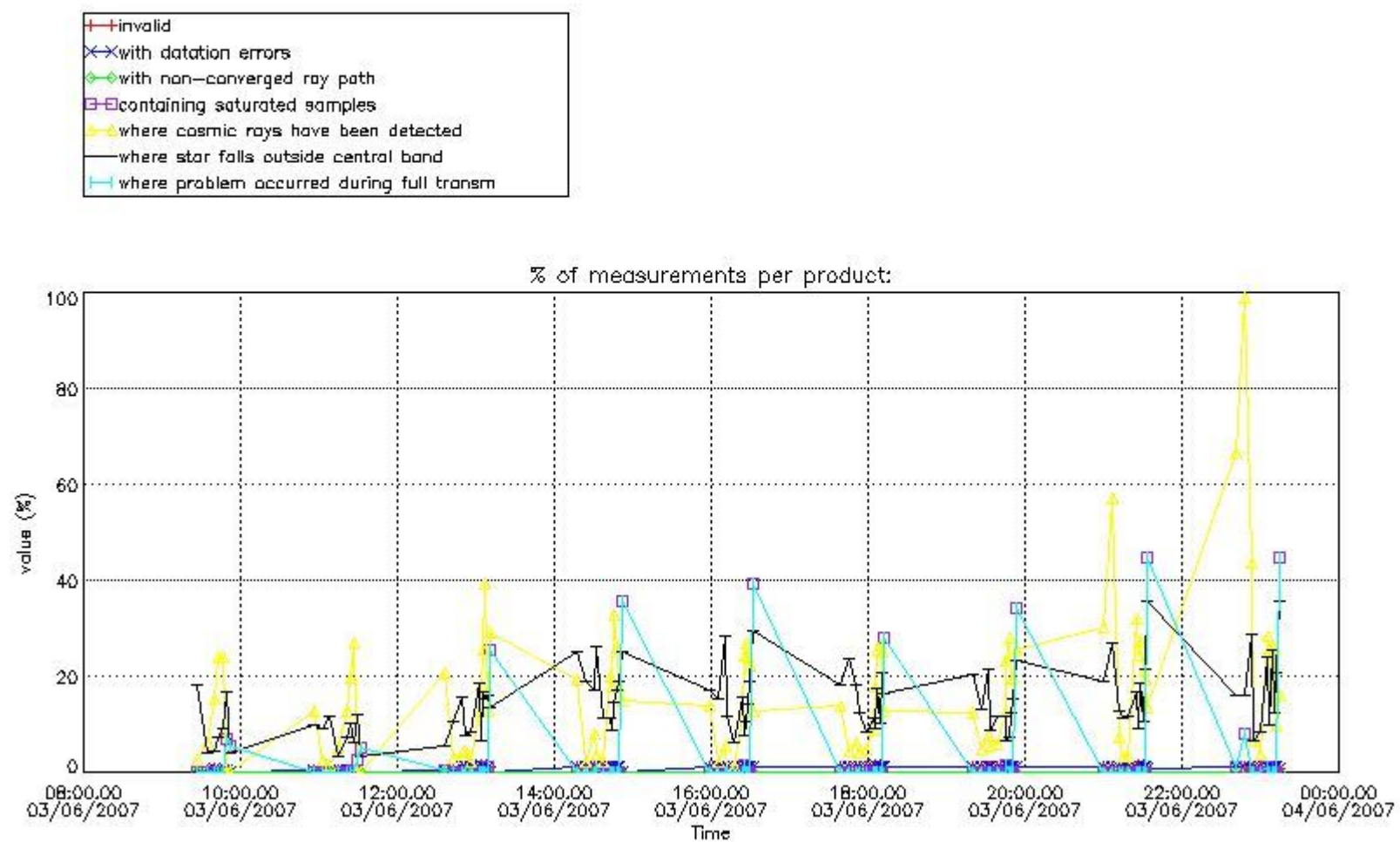


4. Level 1 quality information per product

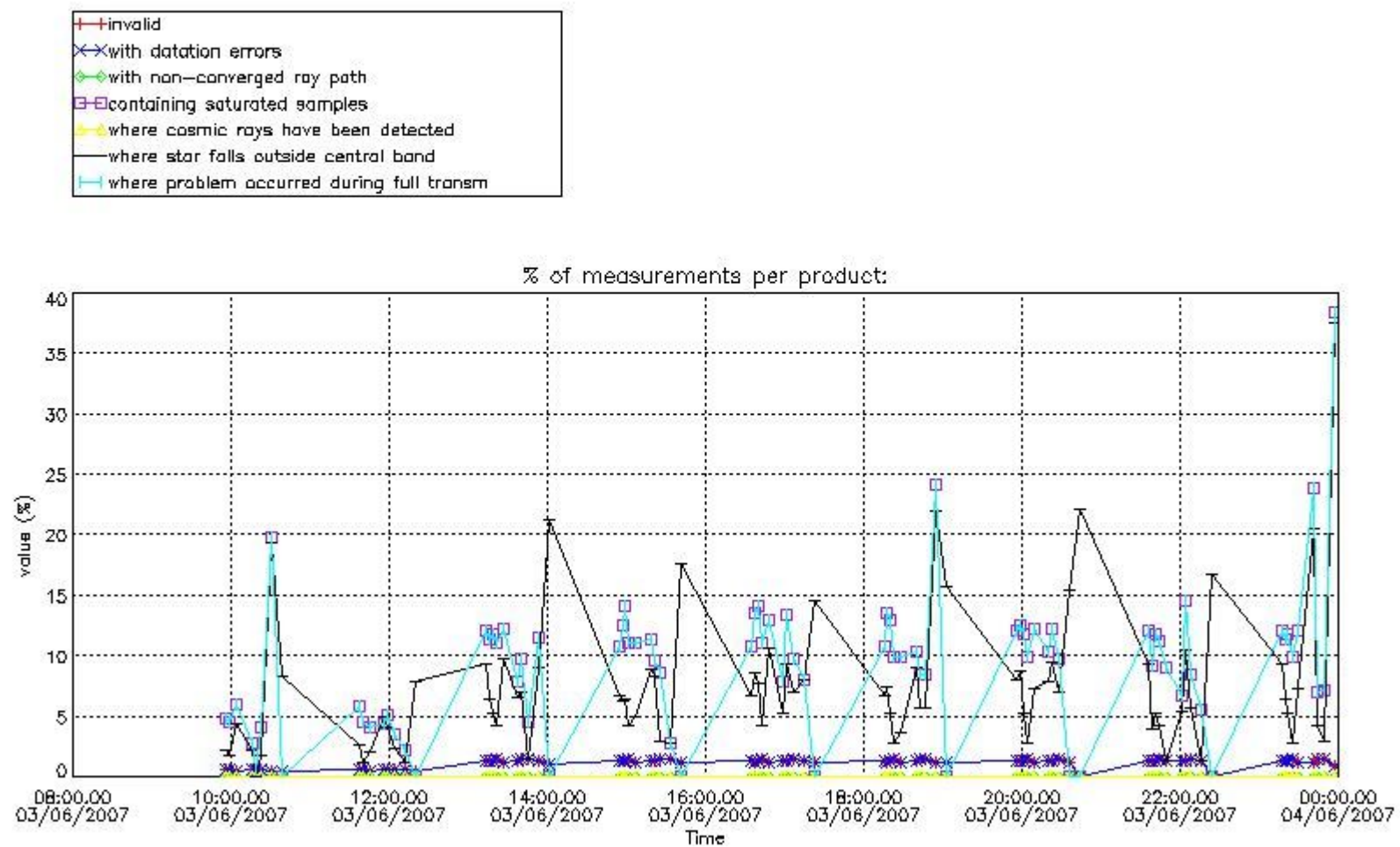
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

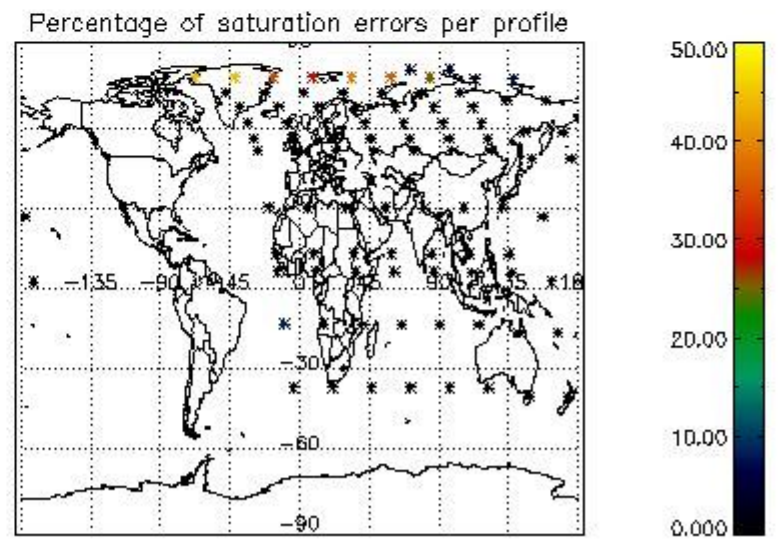
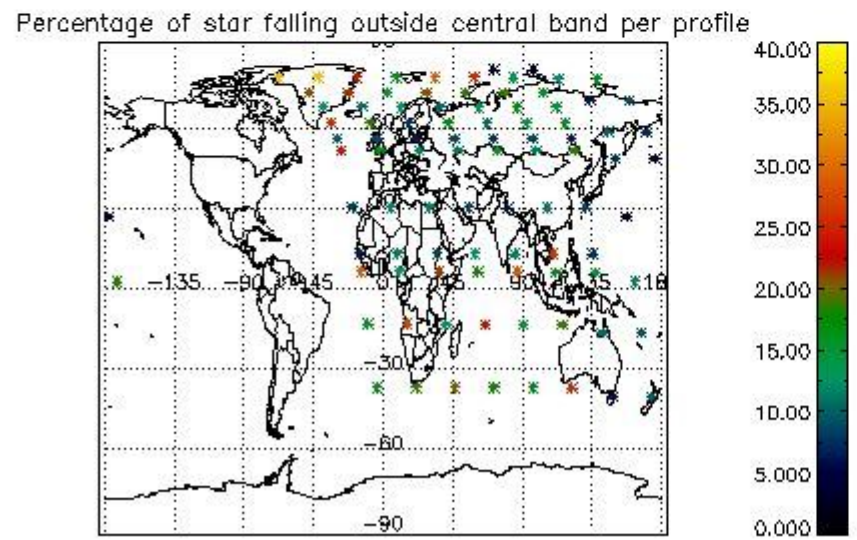
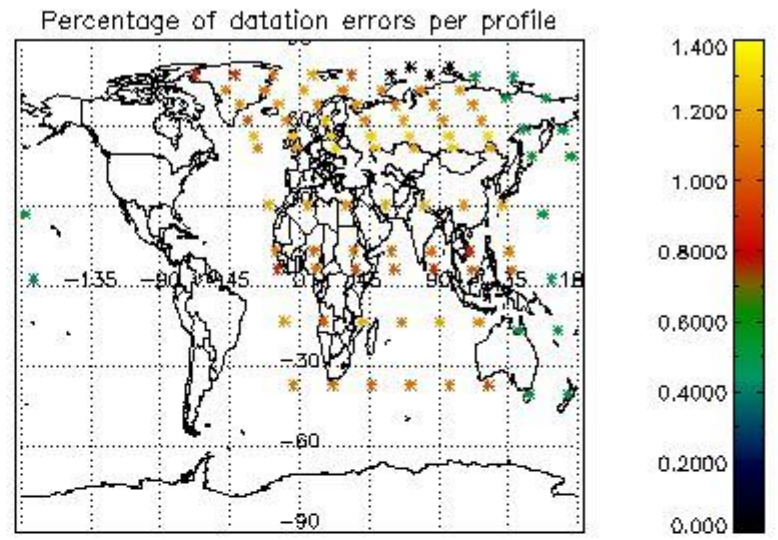
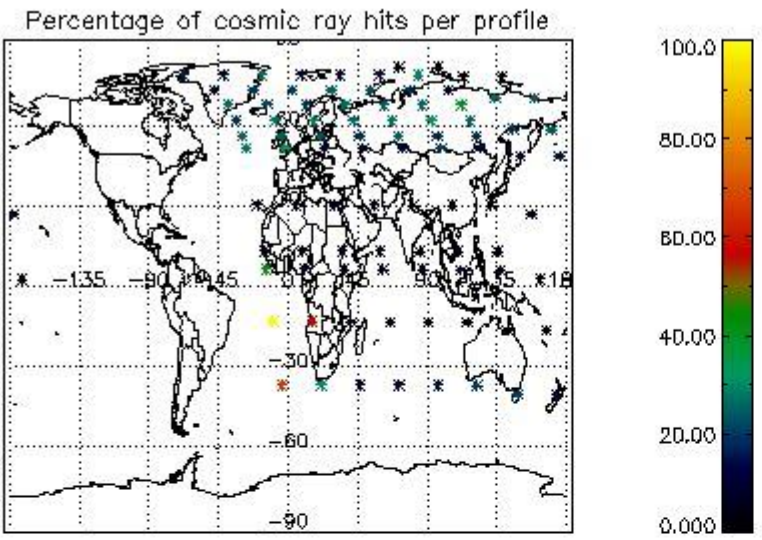
4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



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

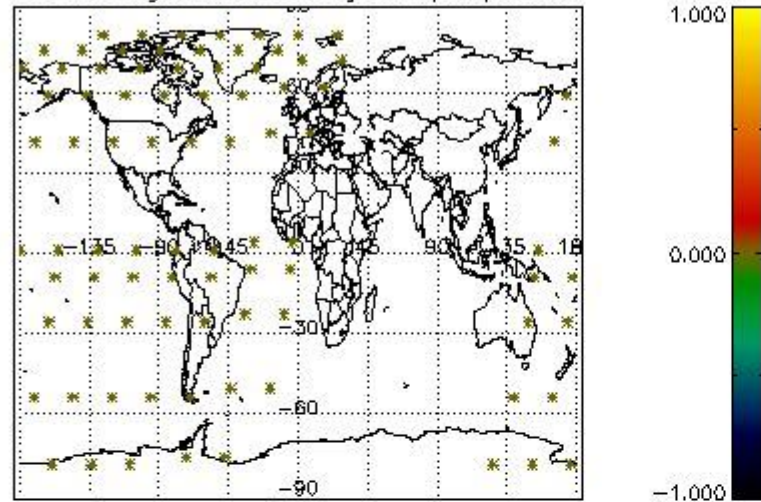


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

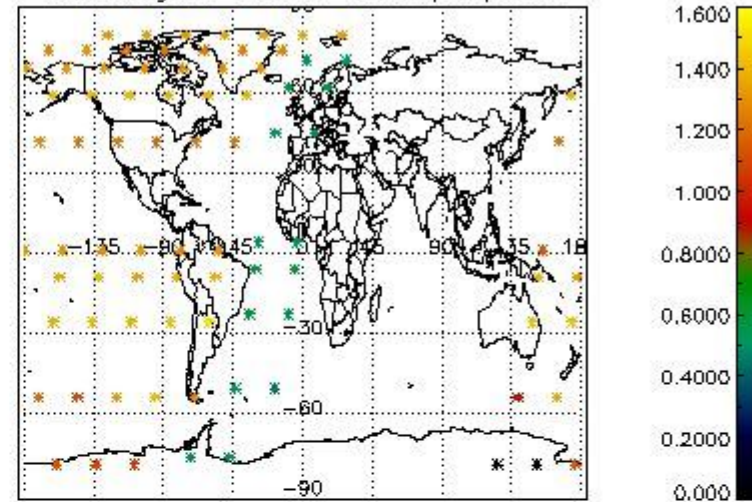


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

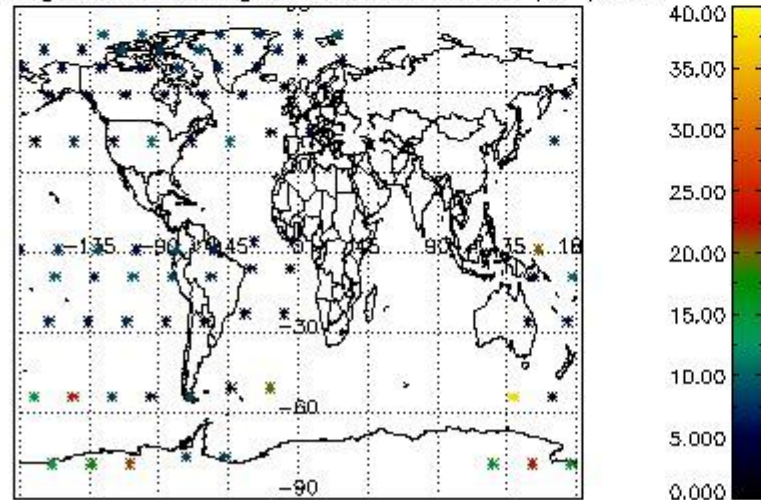
Percentage of cosmic ray hits per profile



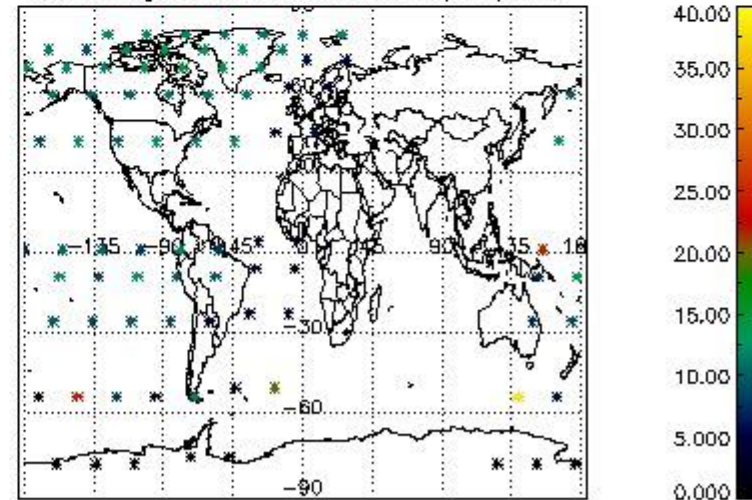
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

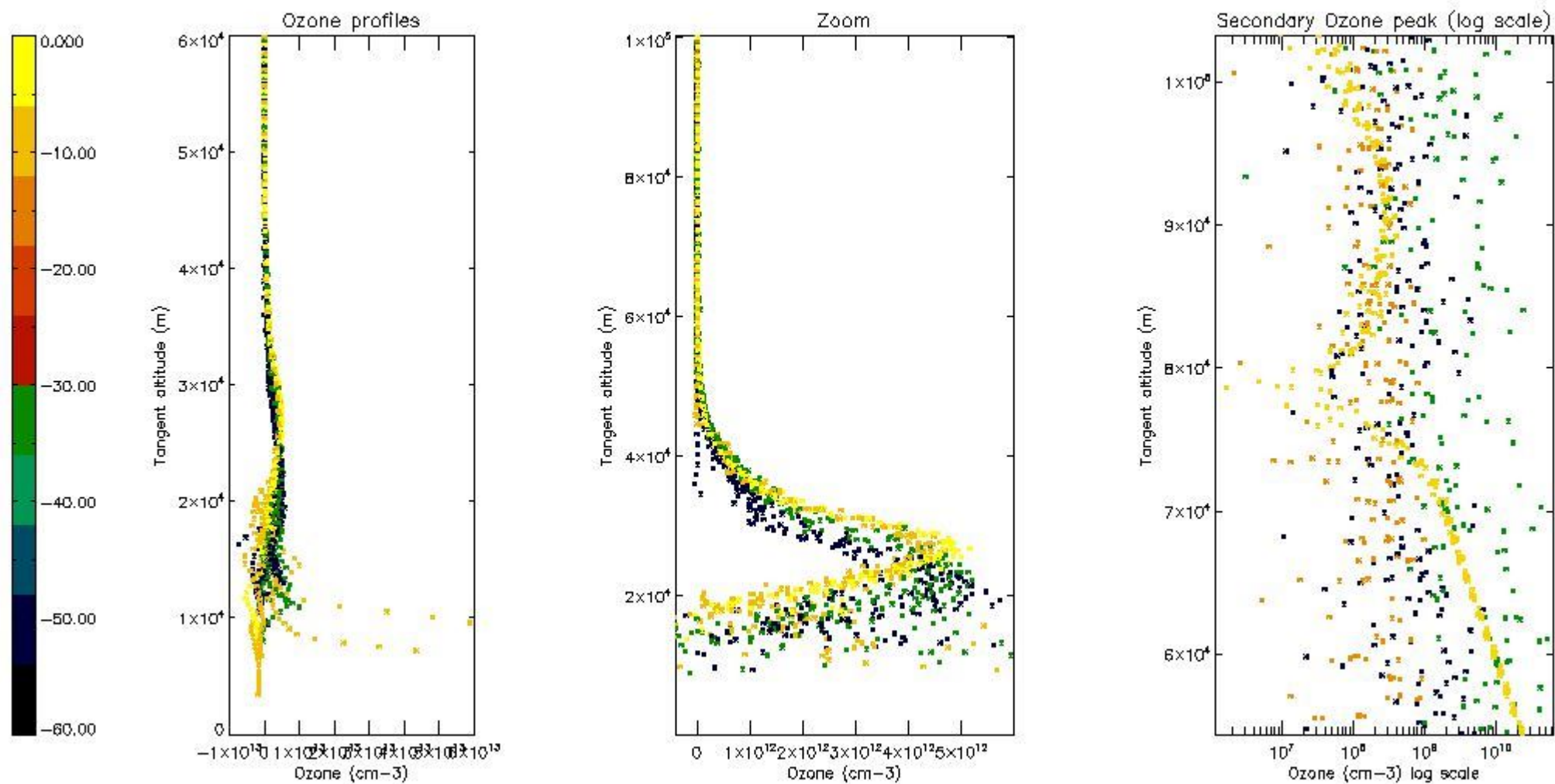
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	6

STD < 10	3
STD < 5	2

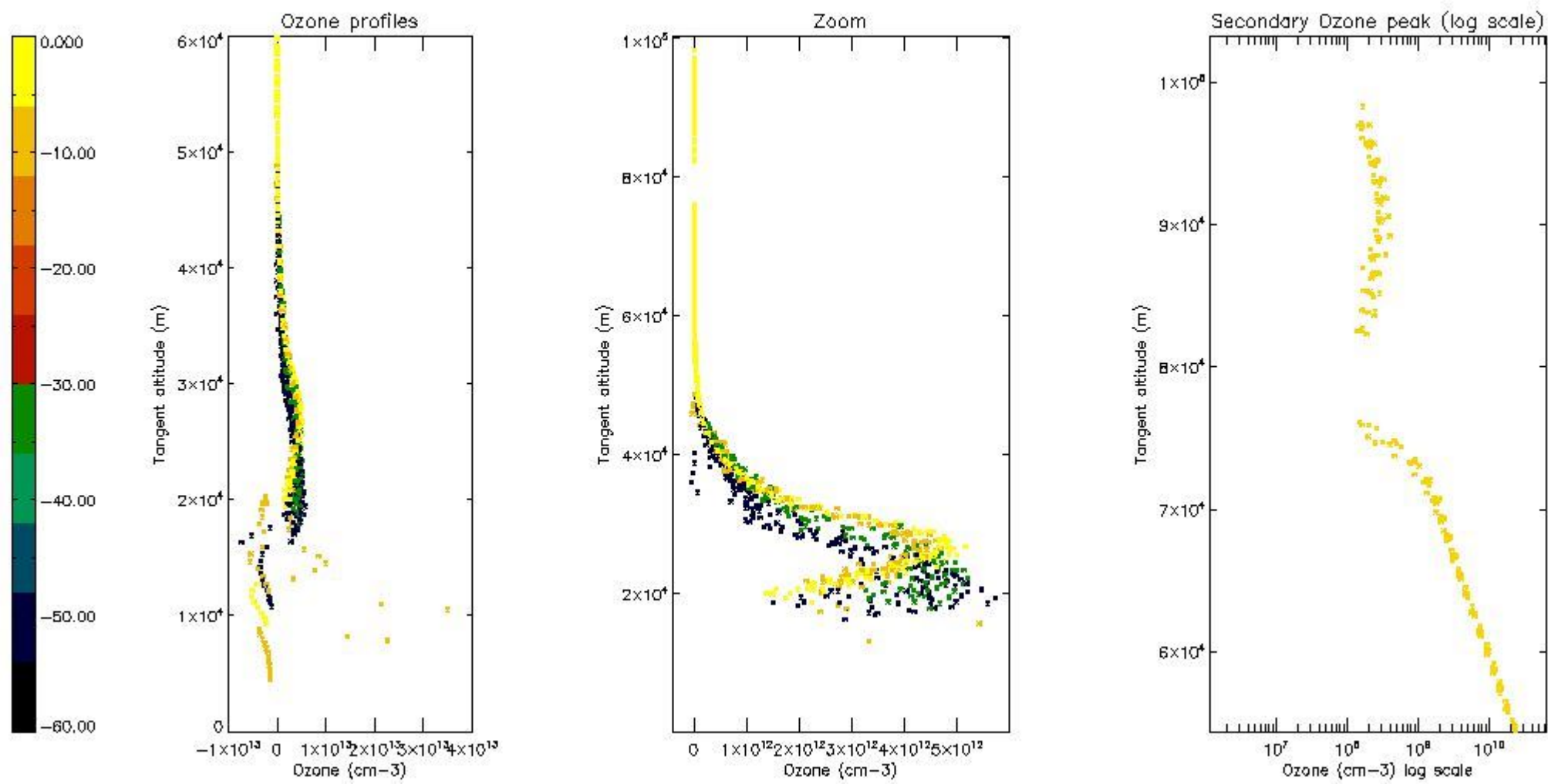
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



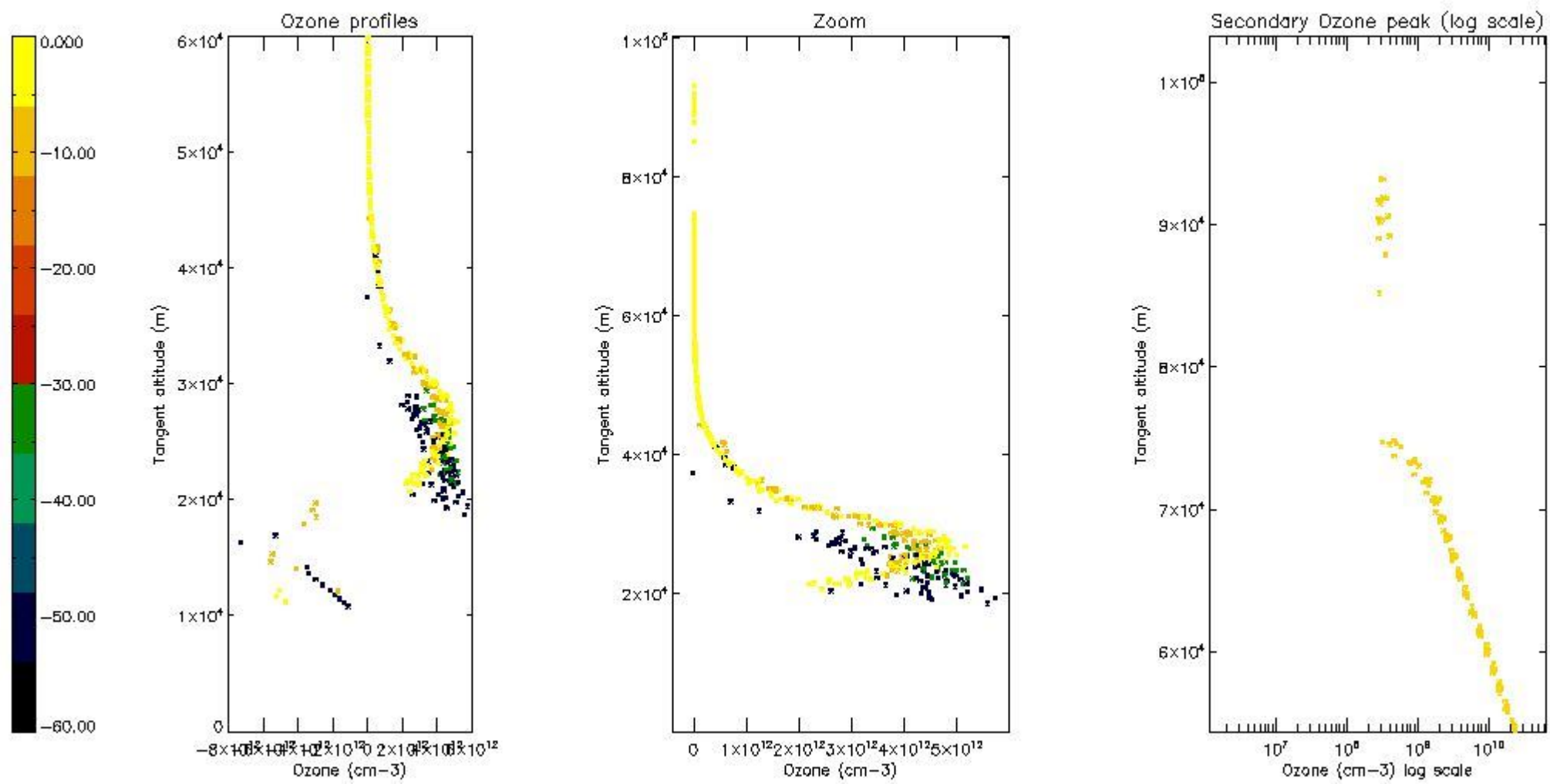
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



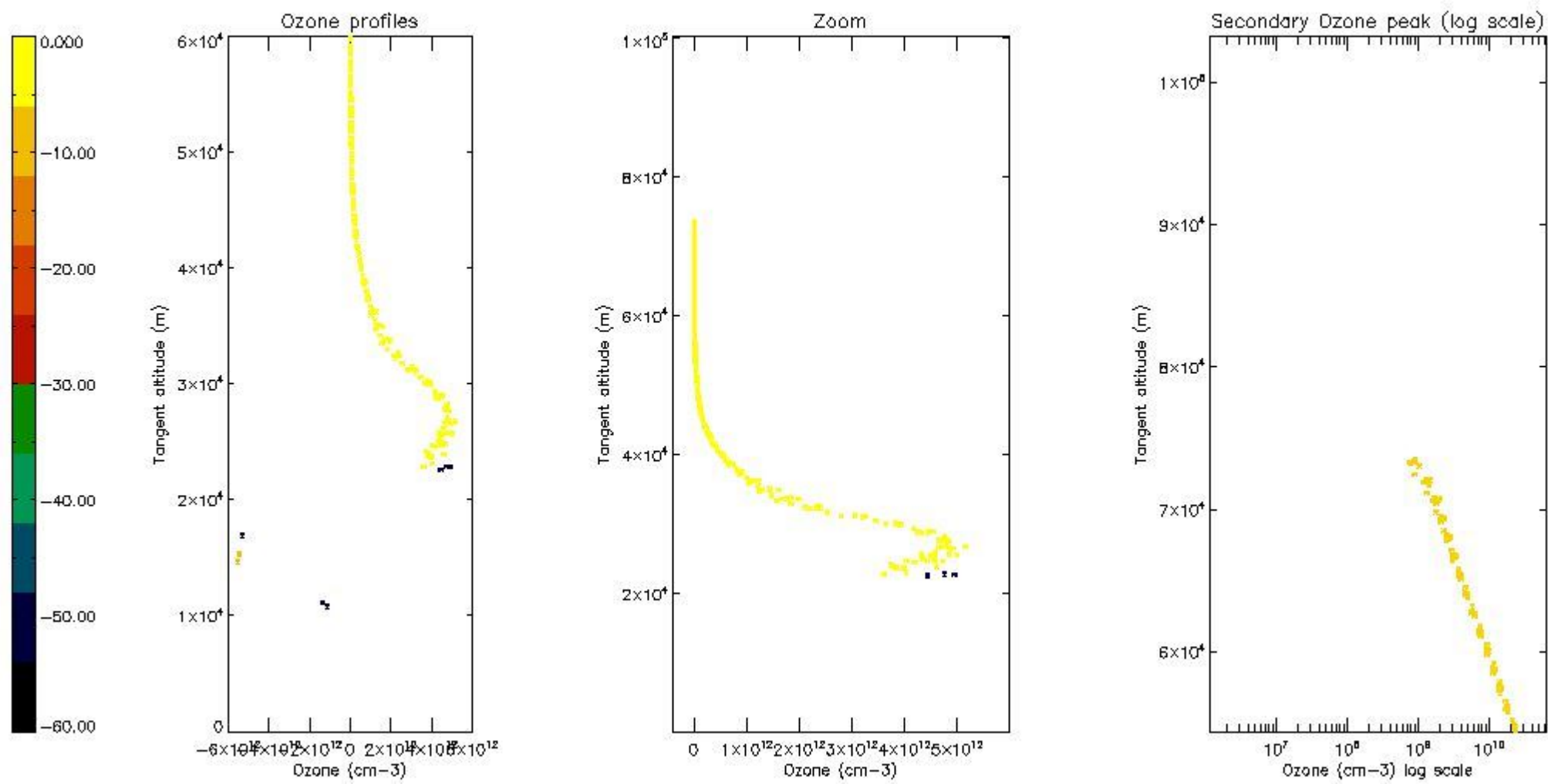
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



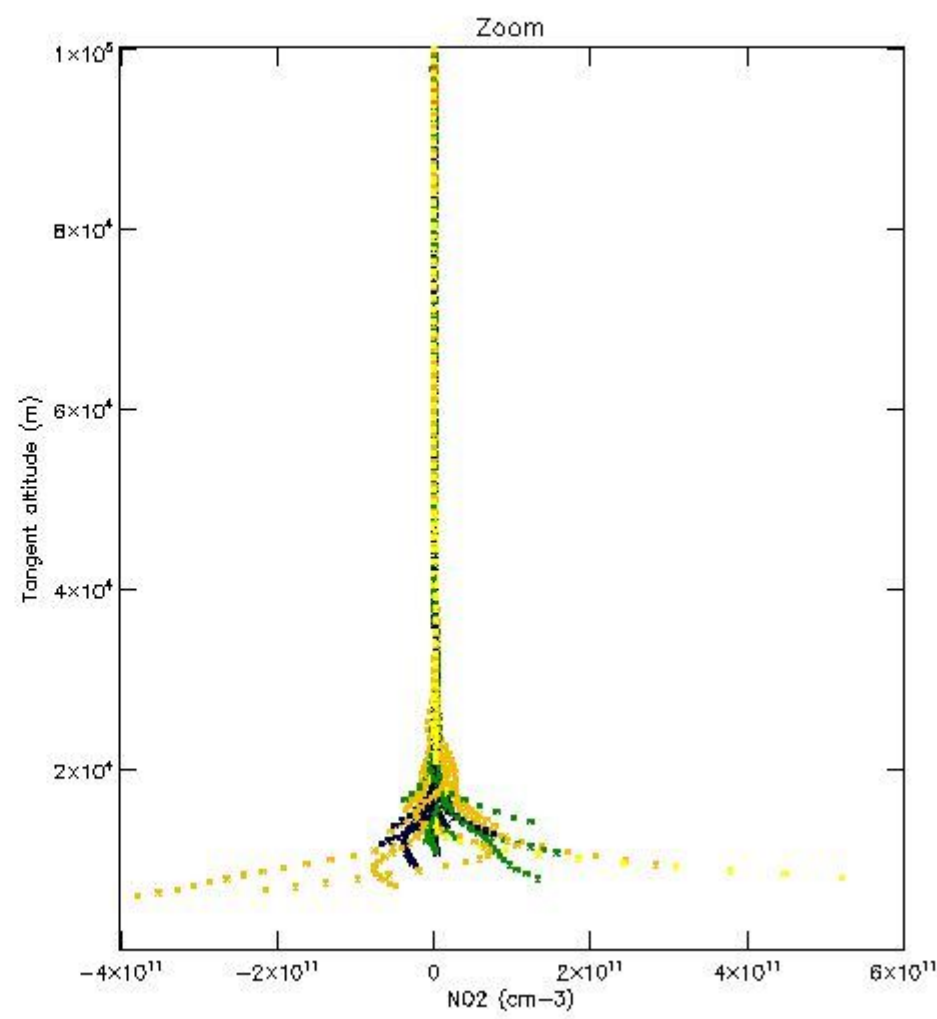
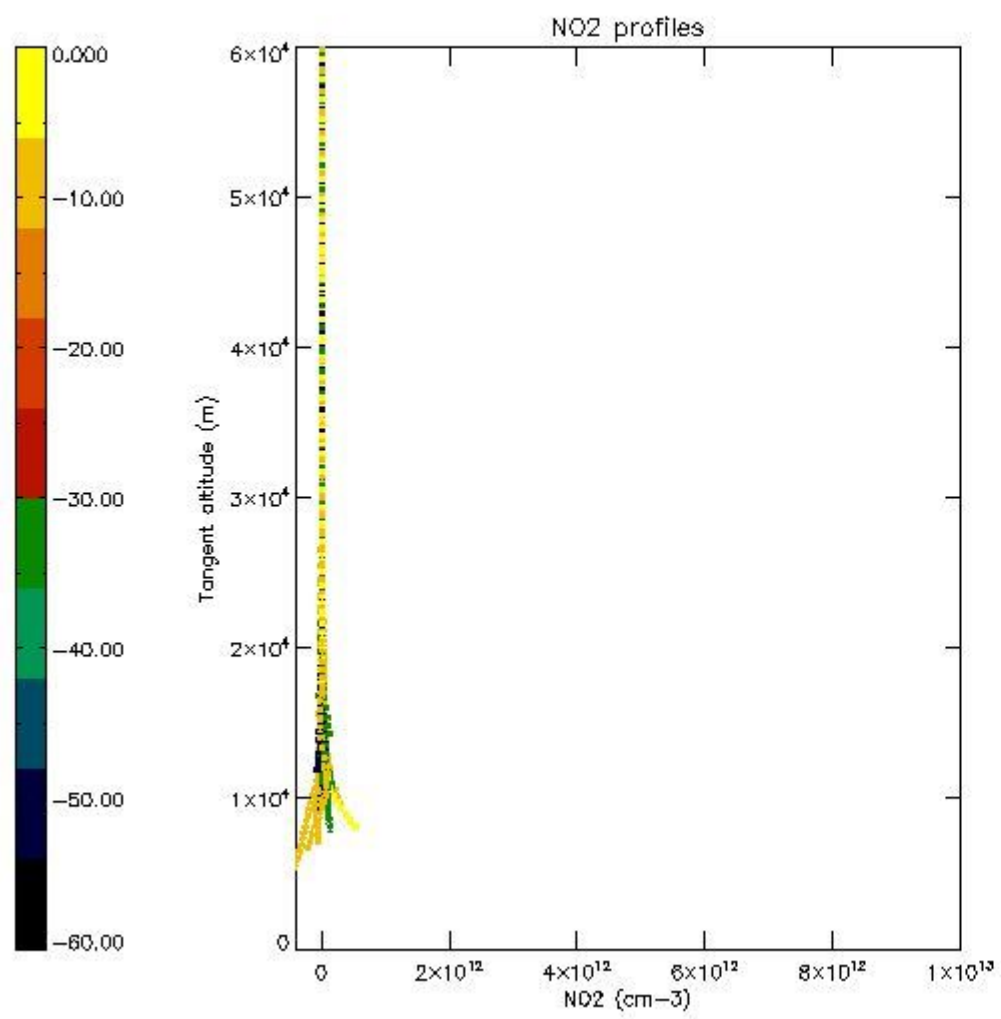
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



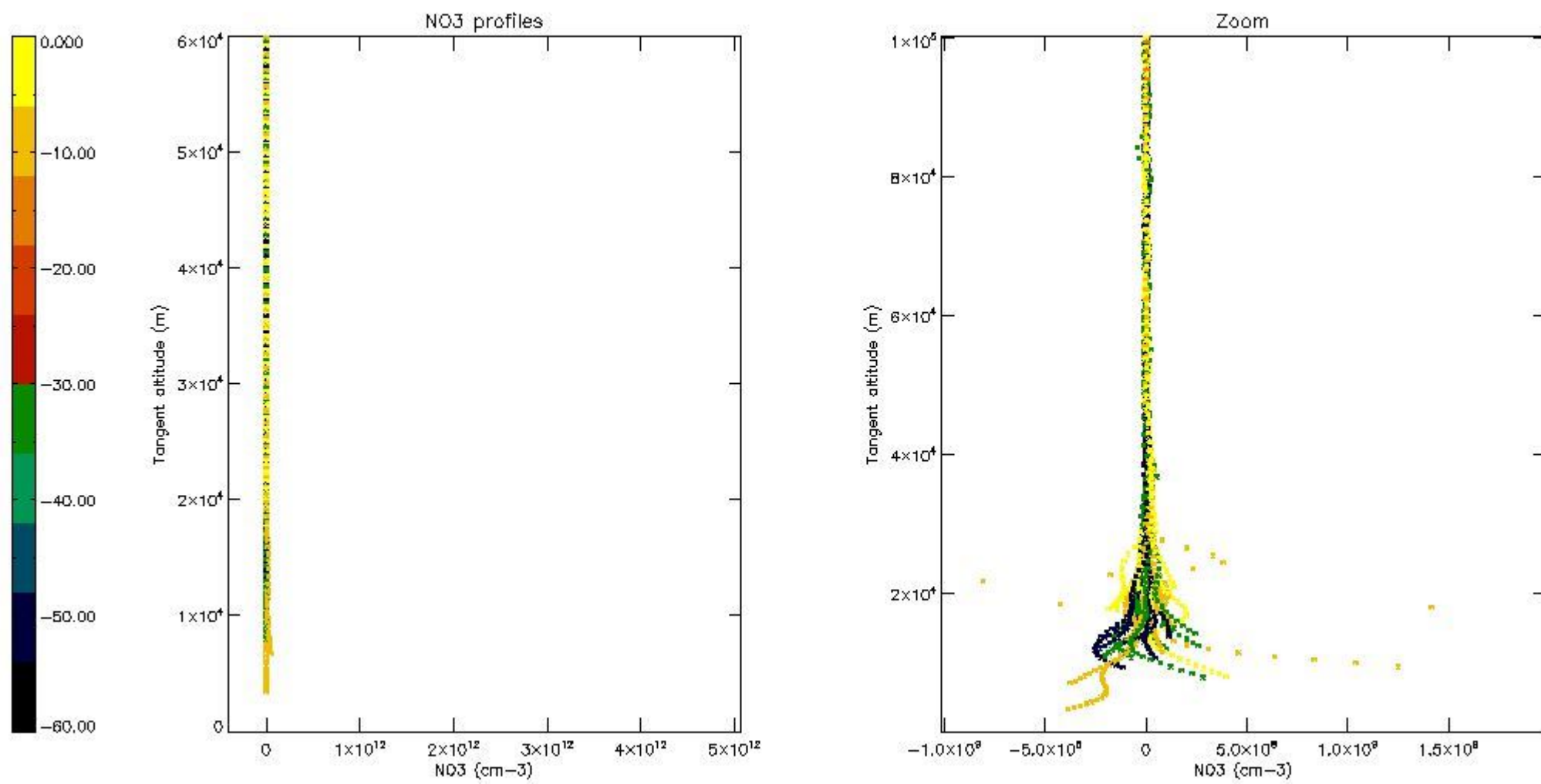
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



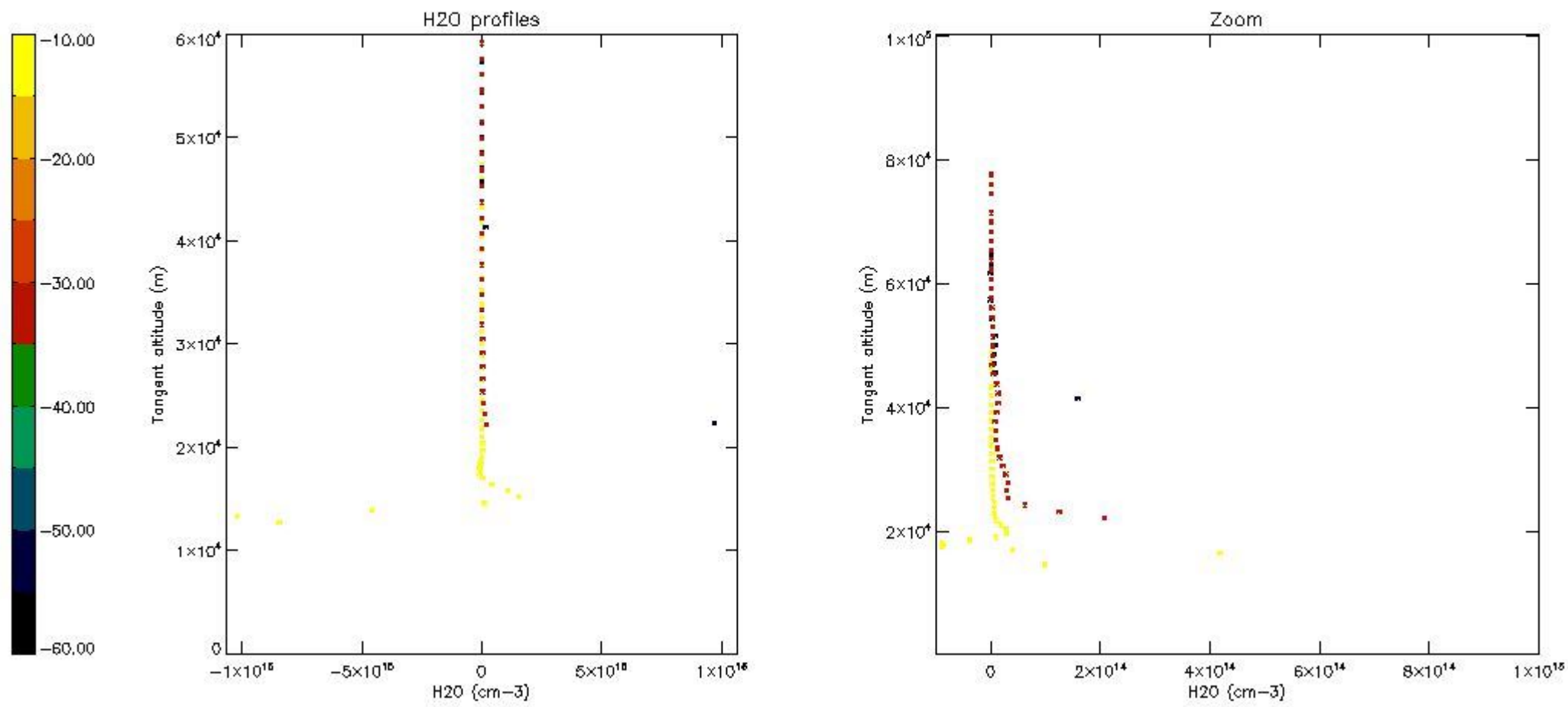
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

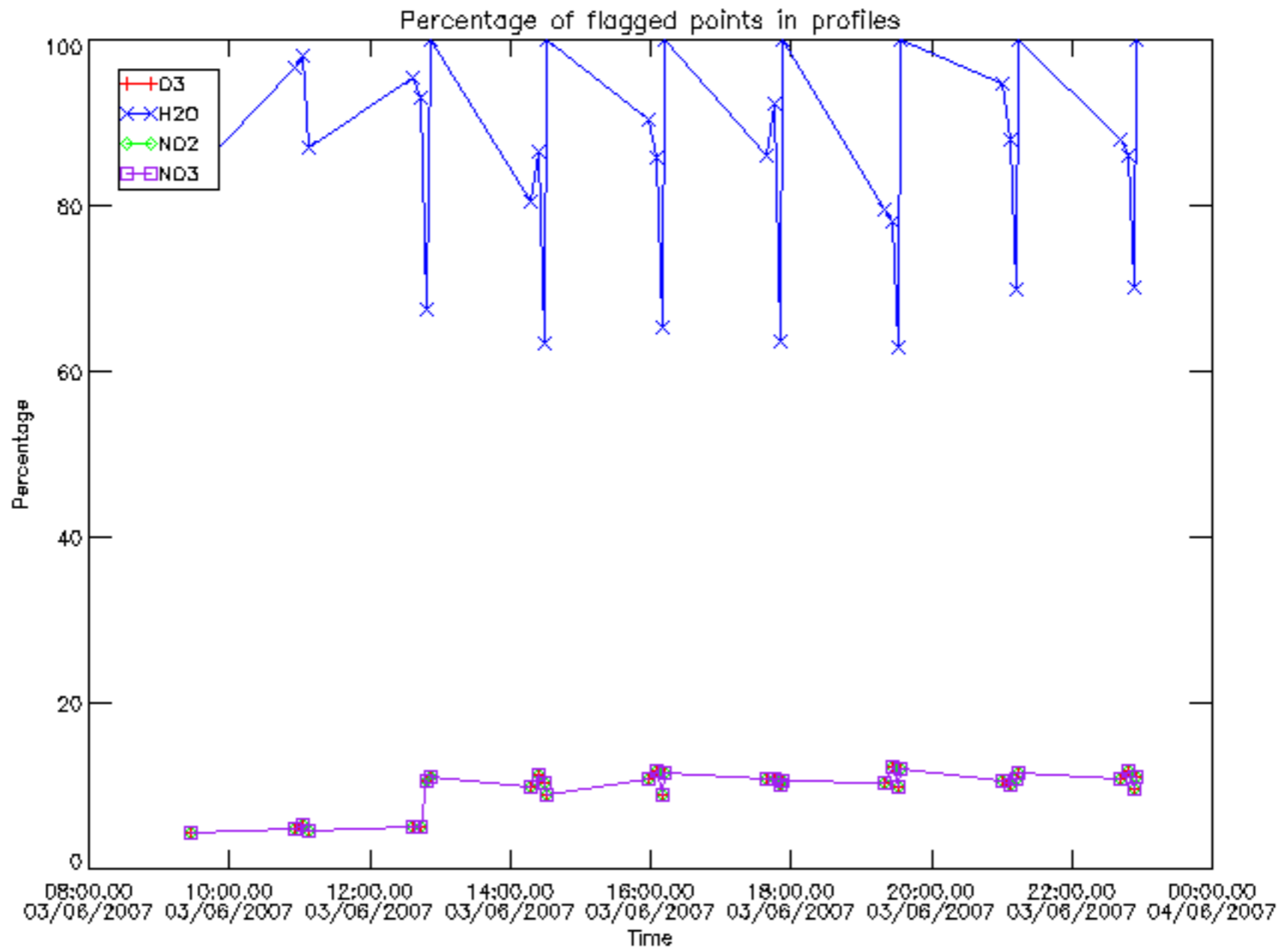
The colorbar represents the latitude.



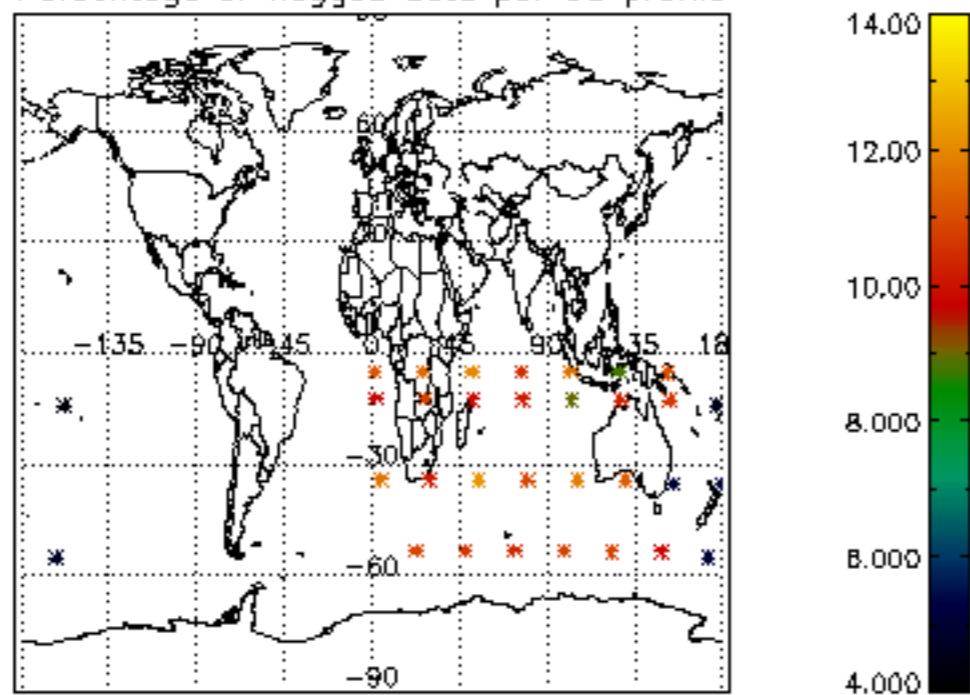
6. Auxiliary Data Files used for the production reported in section 2

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

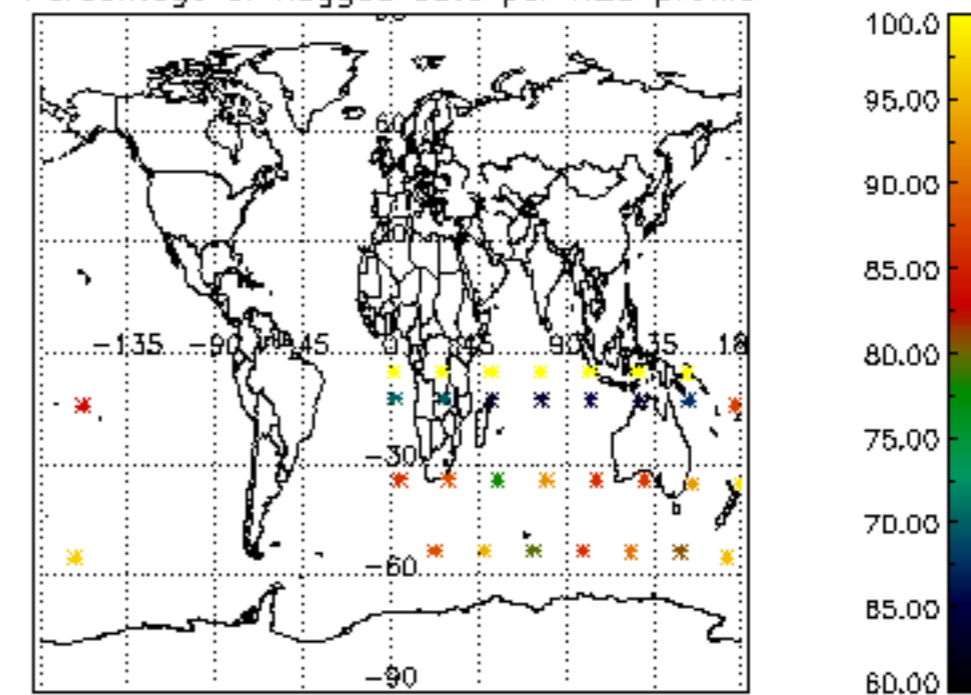
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUN-2007 09:27:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUN-2007 09:27:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUN-2007 09:27:16



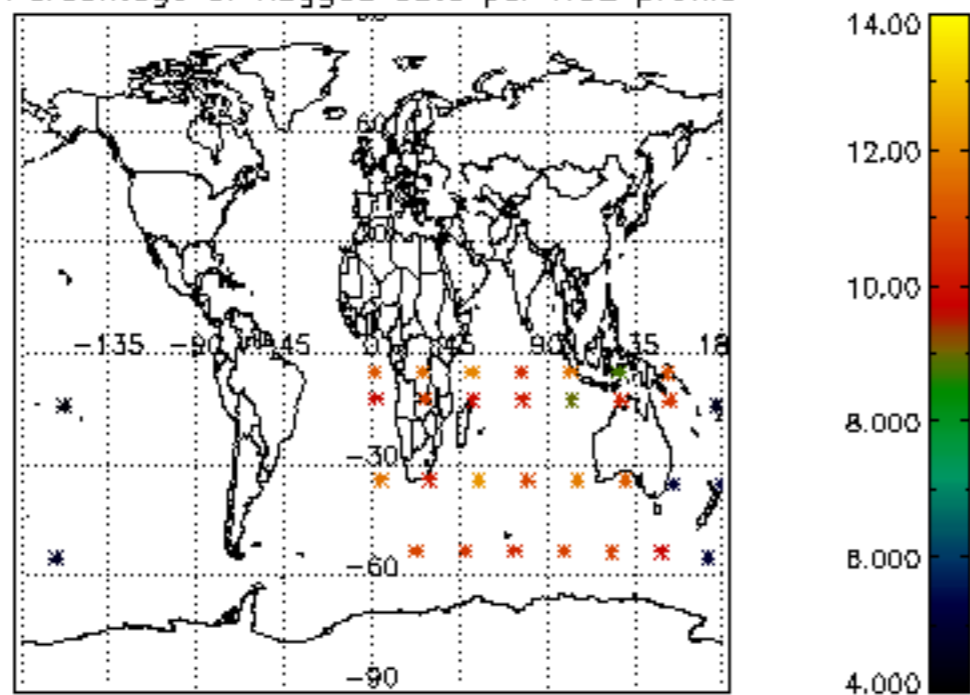
Percentage of flagged data per D3 profile



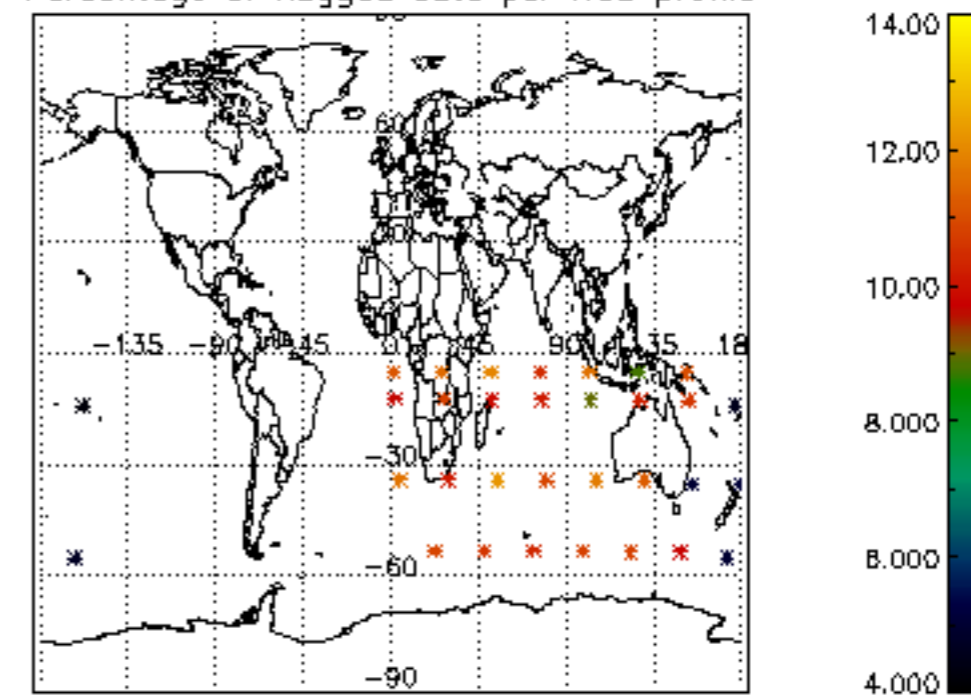
Percentage of flagged data per H2O profile

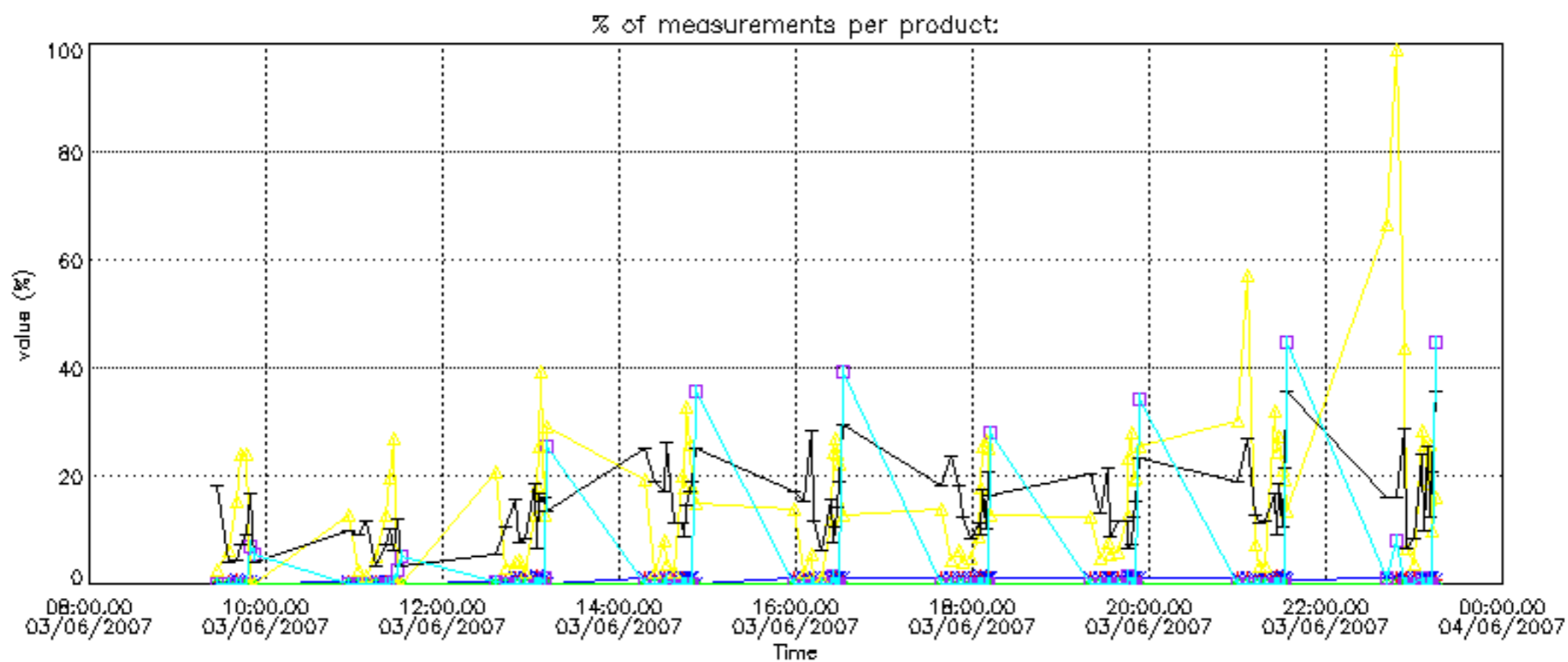


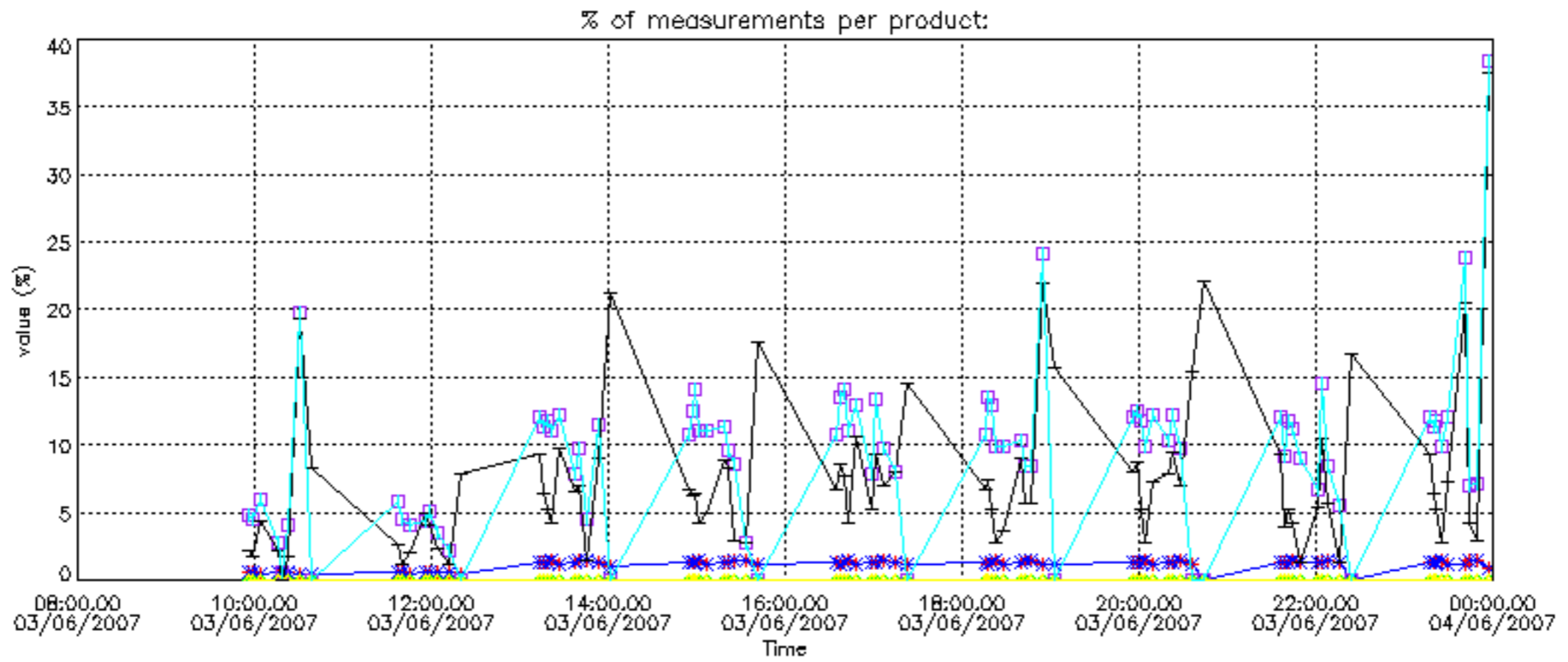
Percentage of flagged data per NO2 profile



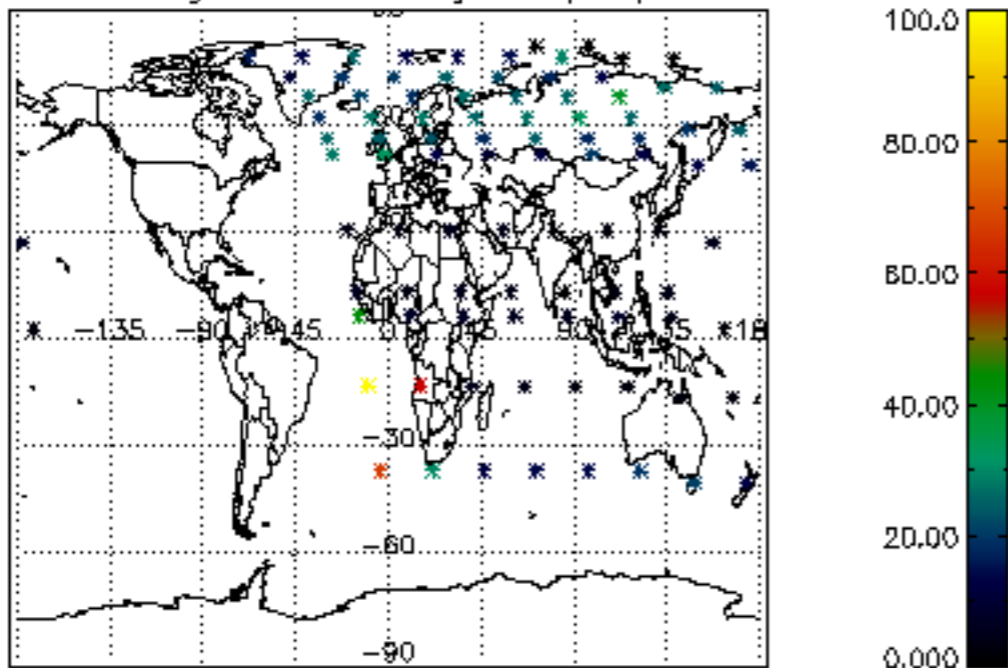
Percentage of flagged data per NO3 profile



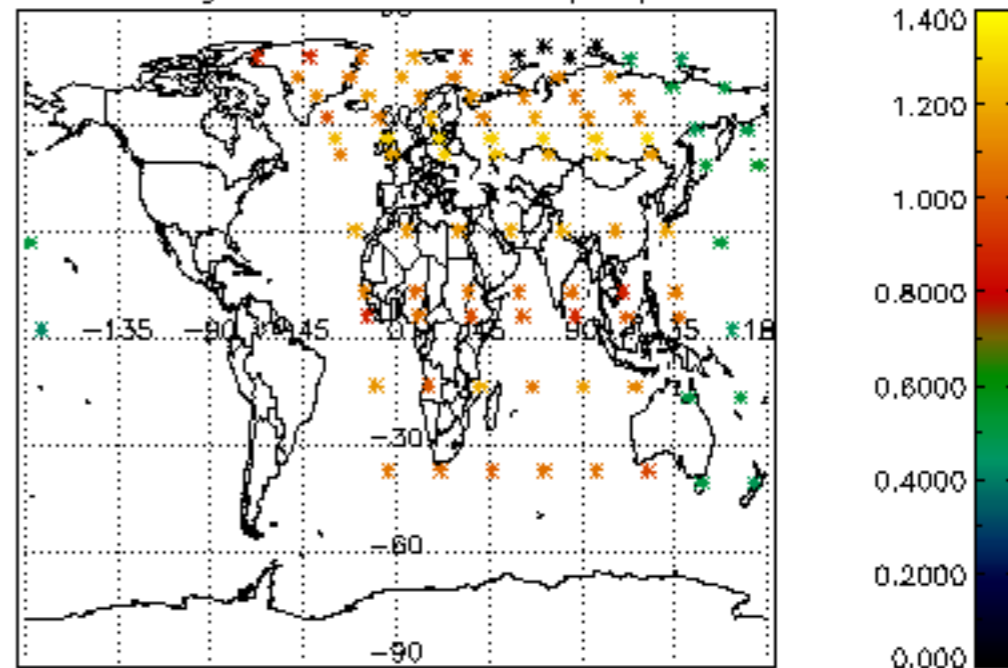




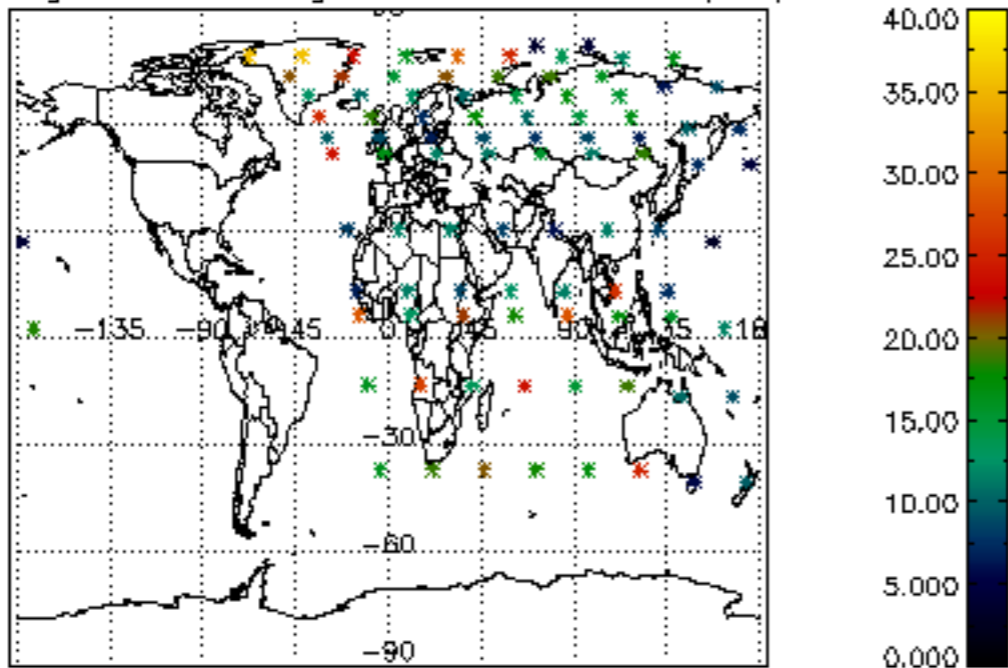
Percentage of cosmic ray hits per profile



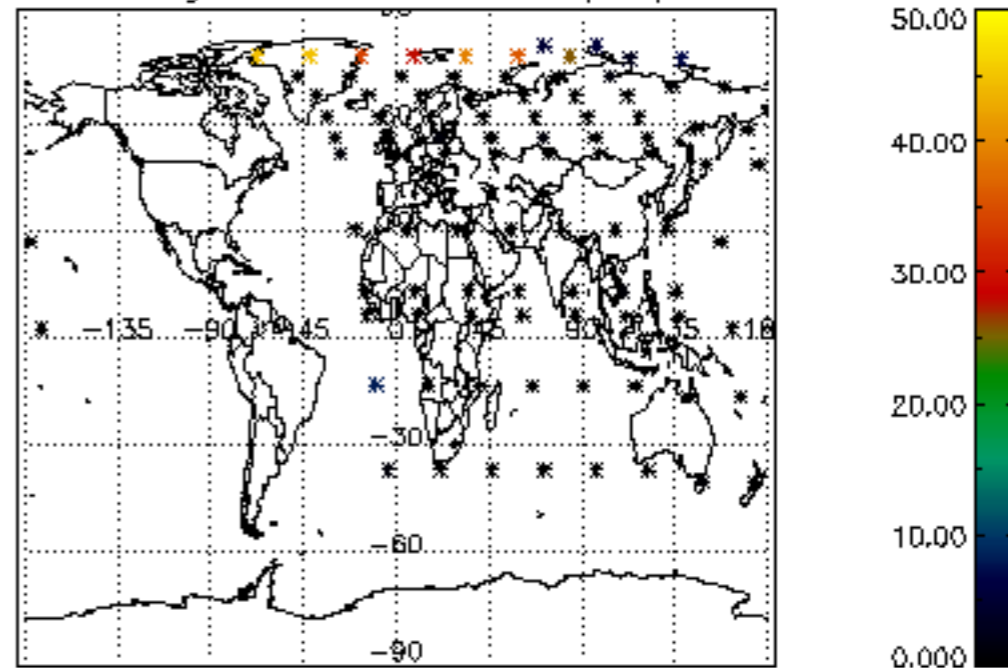
Percentage of datation errors per profile



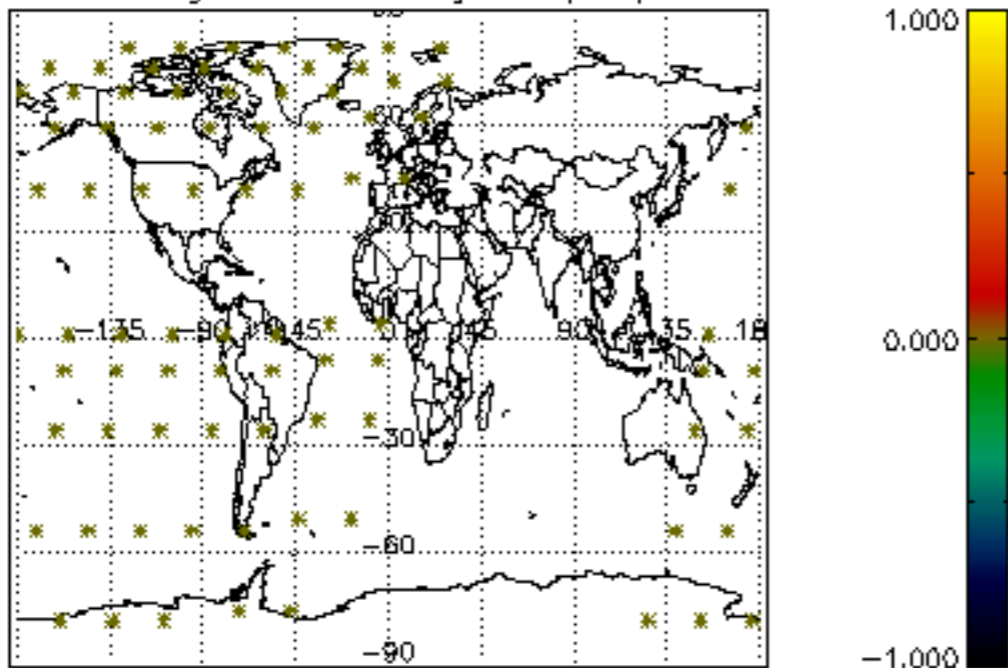
Percentage of star falling outside central band per profile



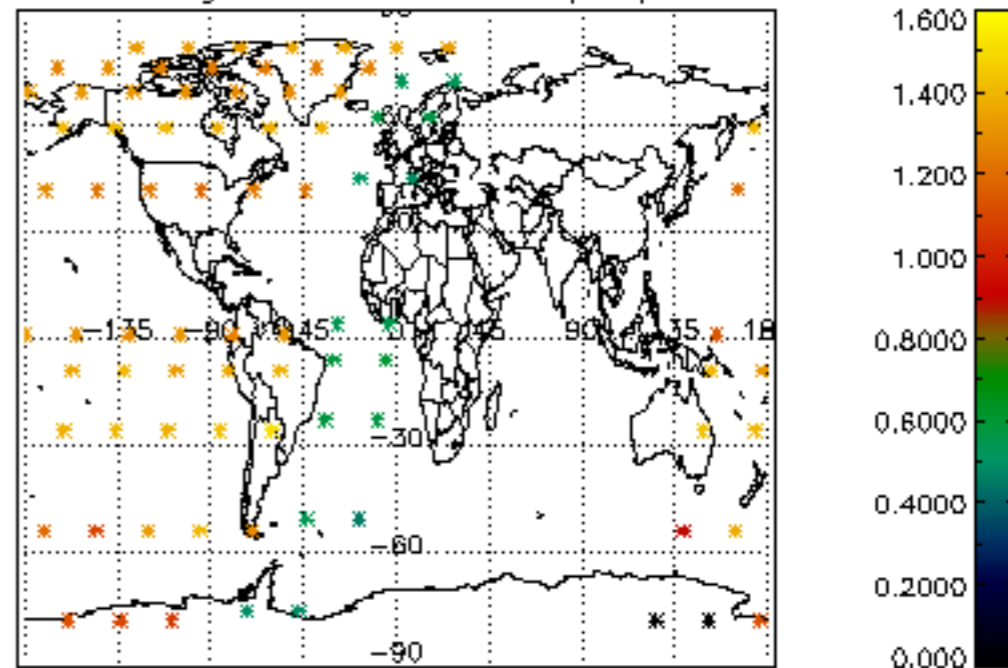
Percentage of saturation errors per profile



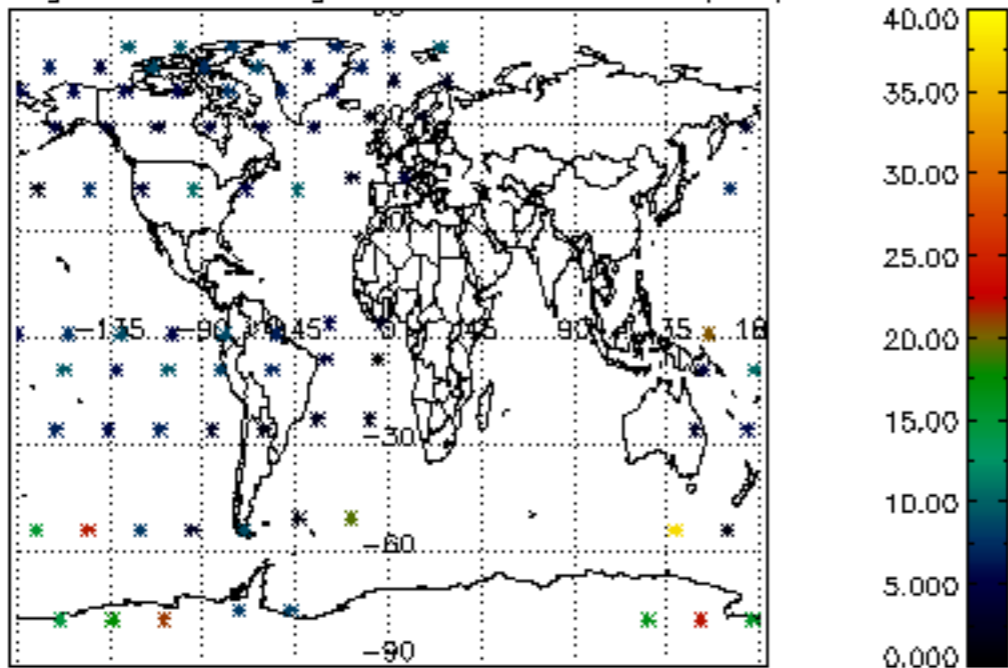
Percentage of cosmic ray hits per profile



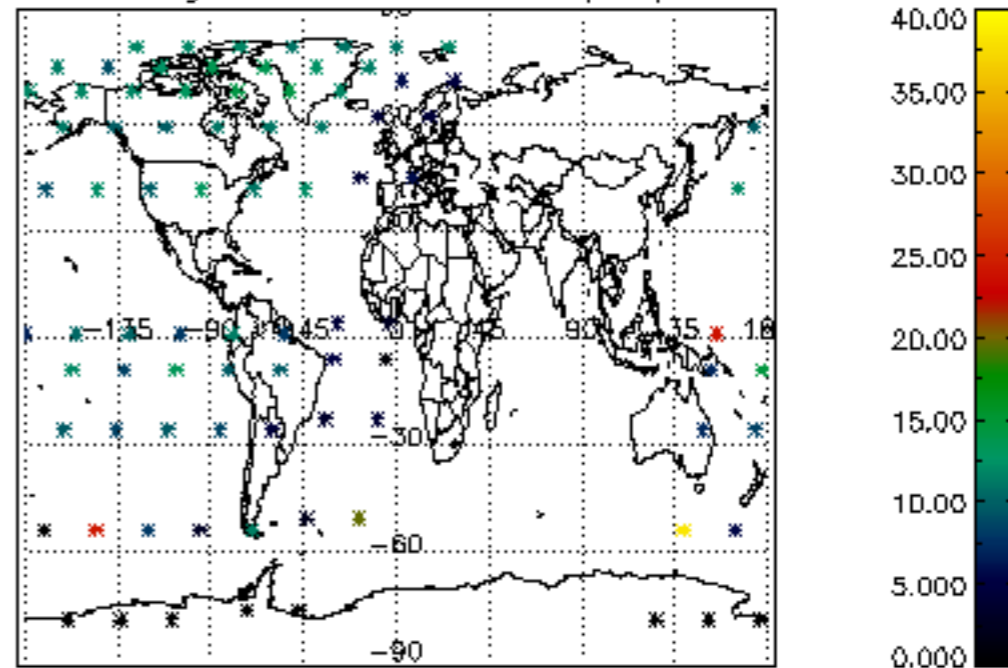
Percentage of datation errors per profile

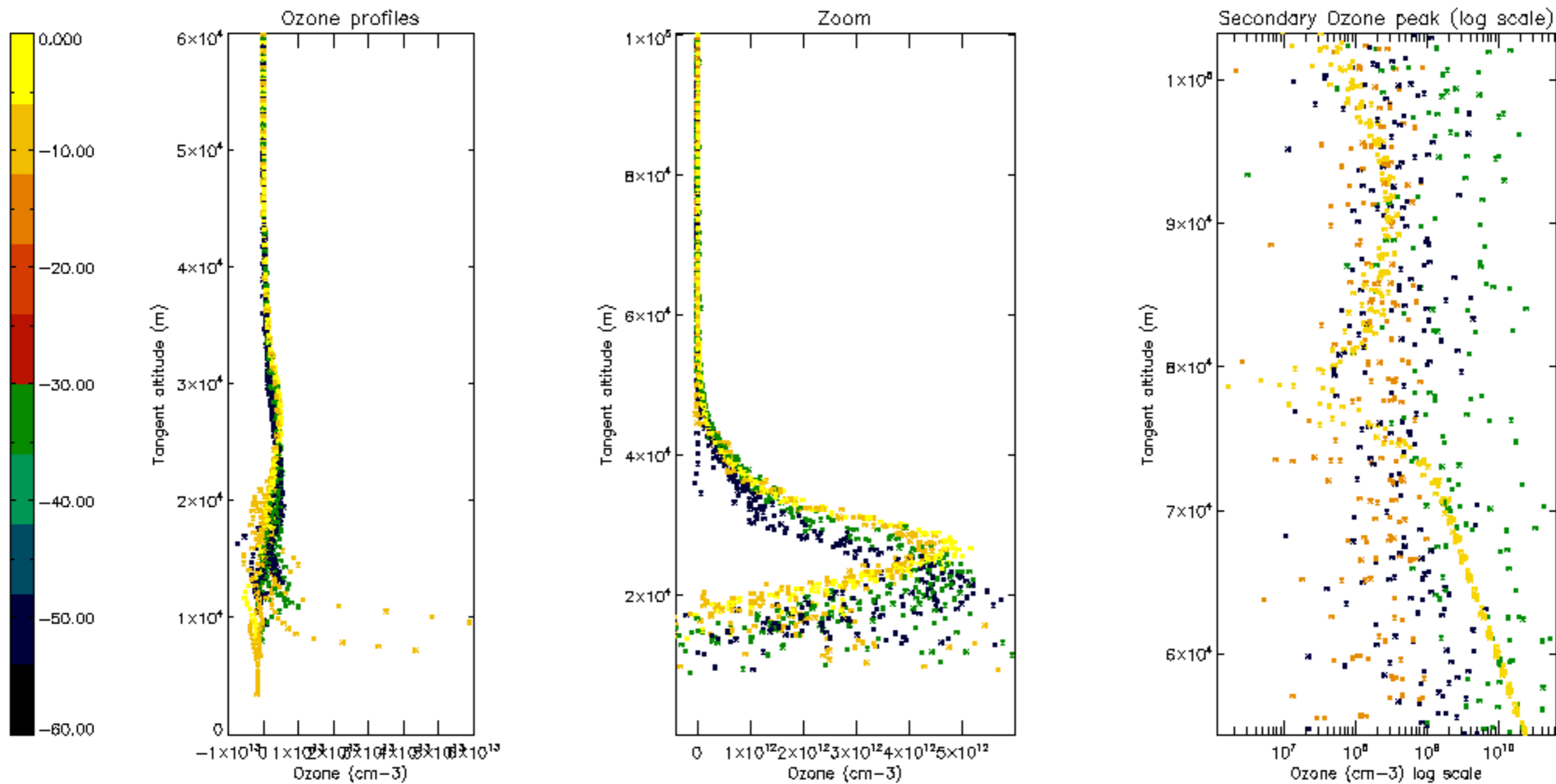


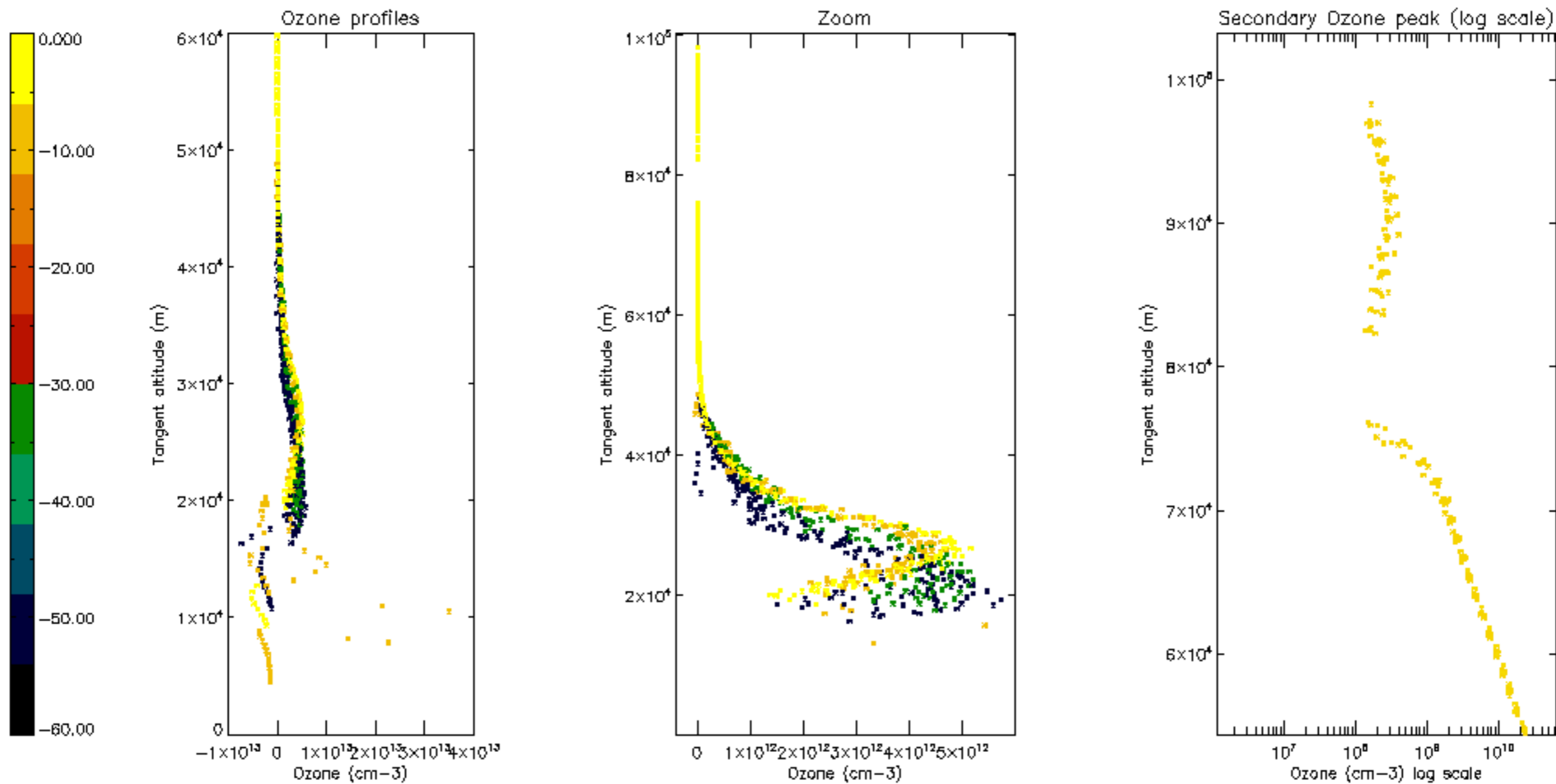
Percentage of star falling outside central band per profile

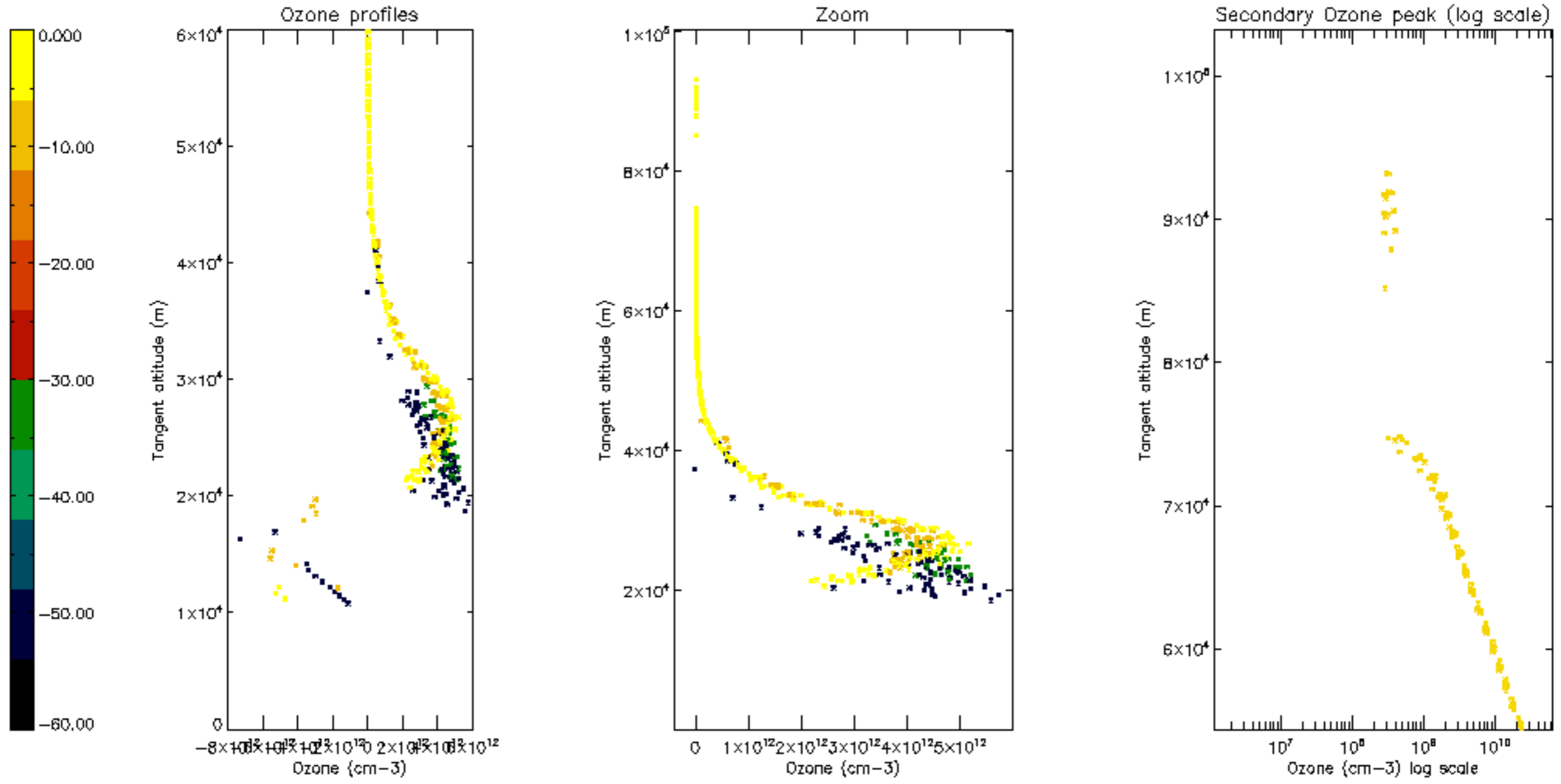


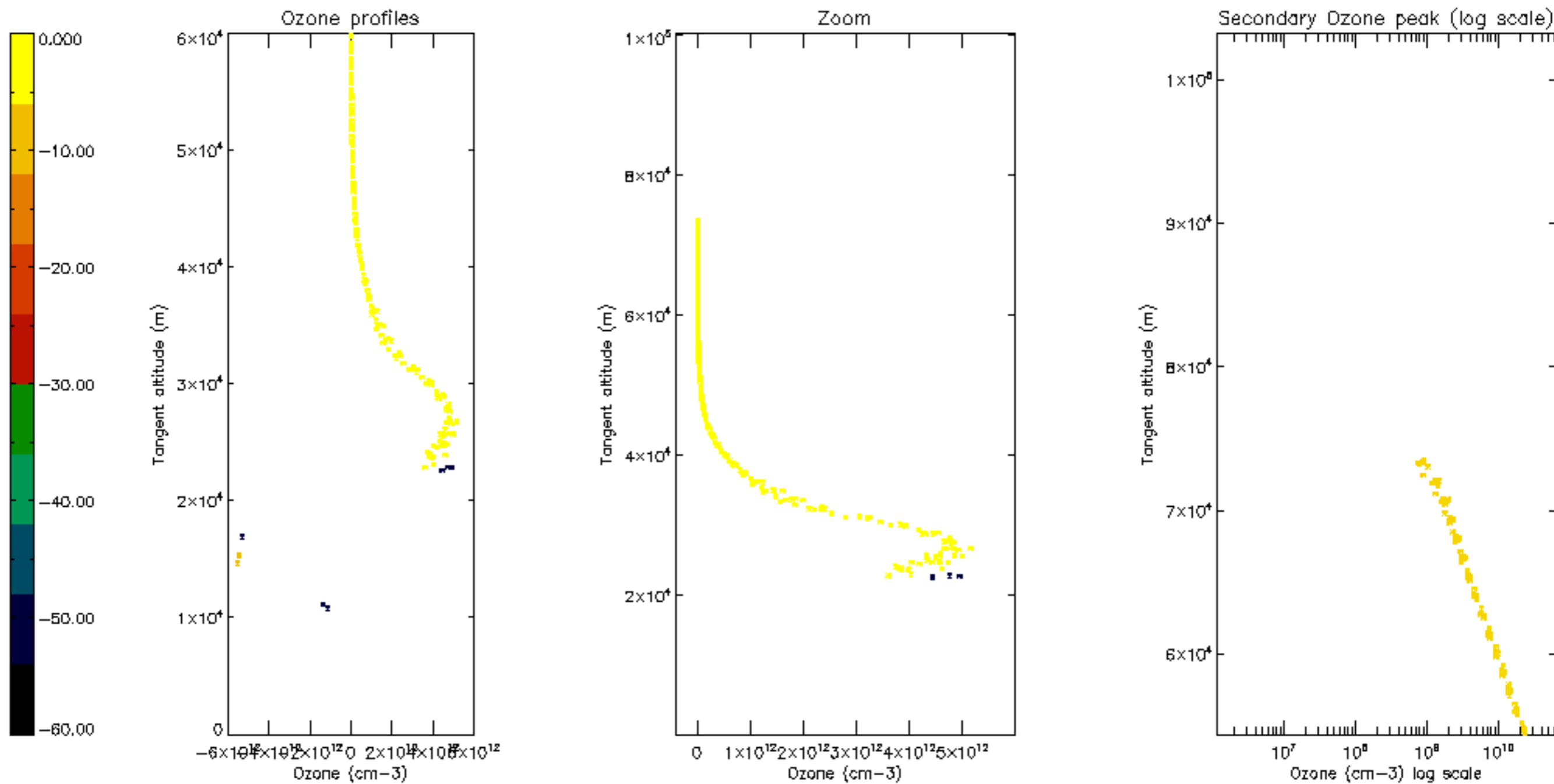
Percentage of saturation errors per profile

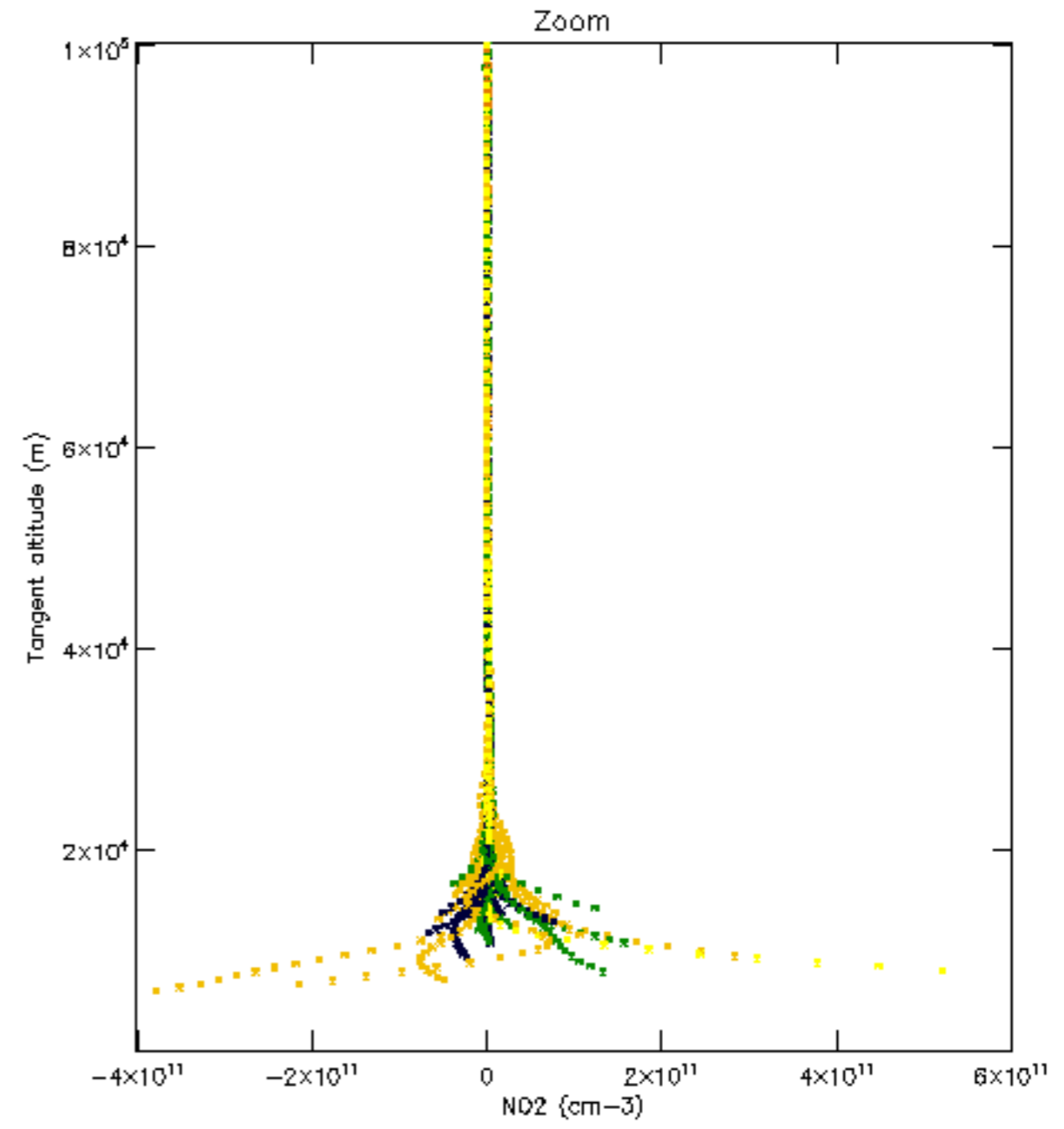
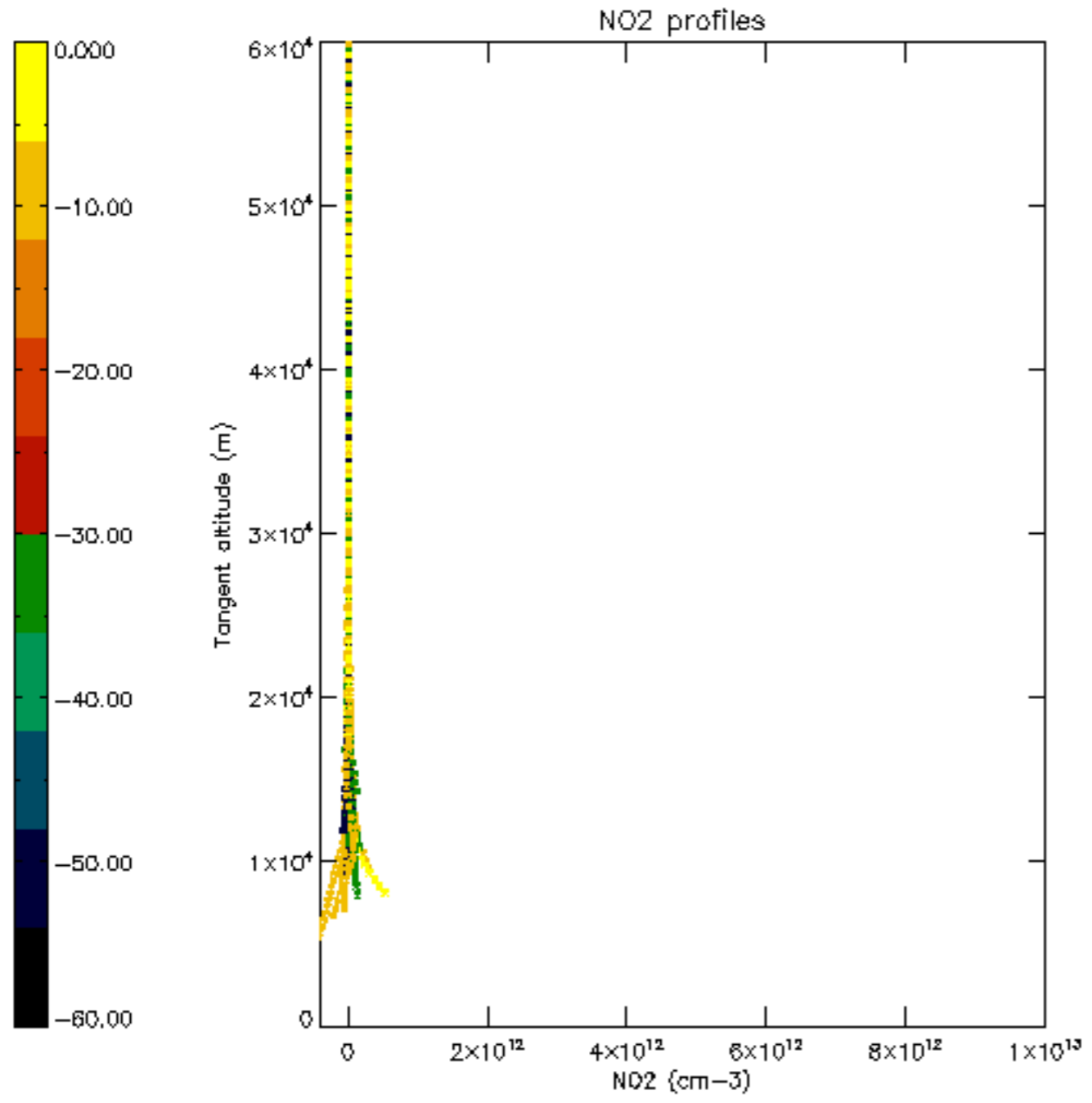


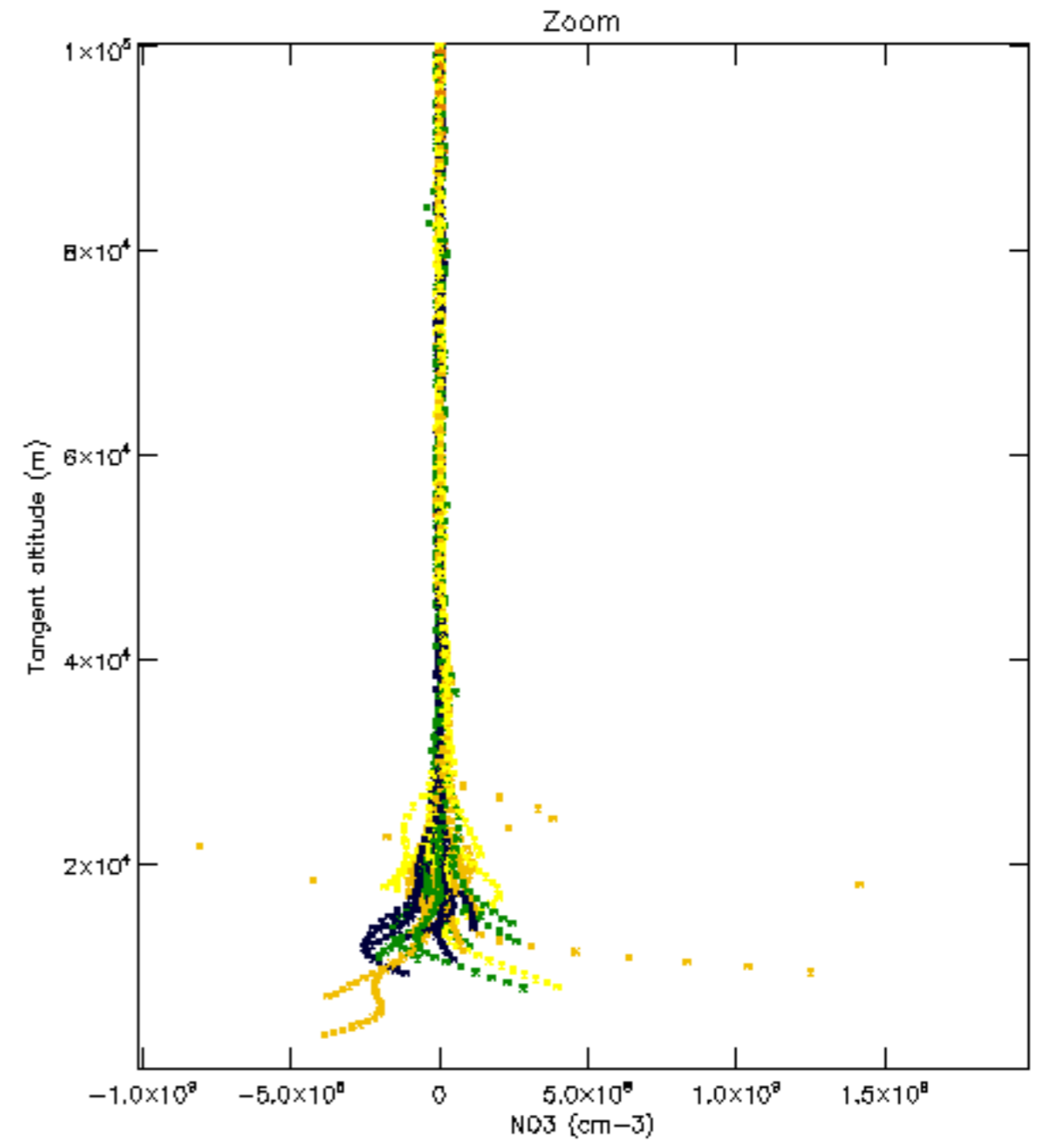
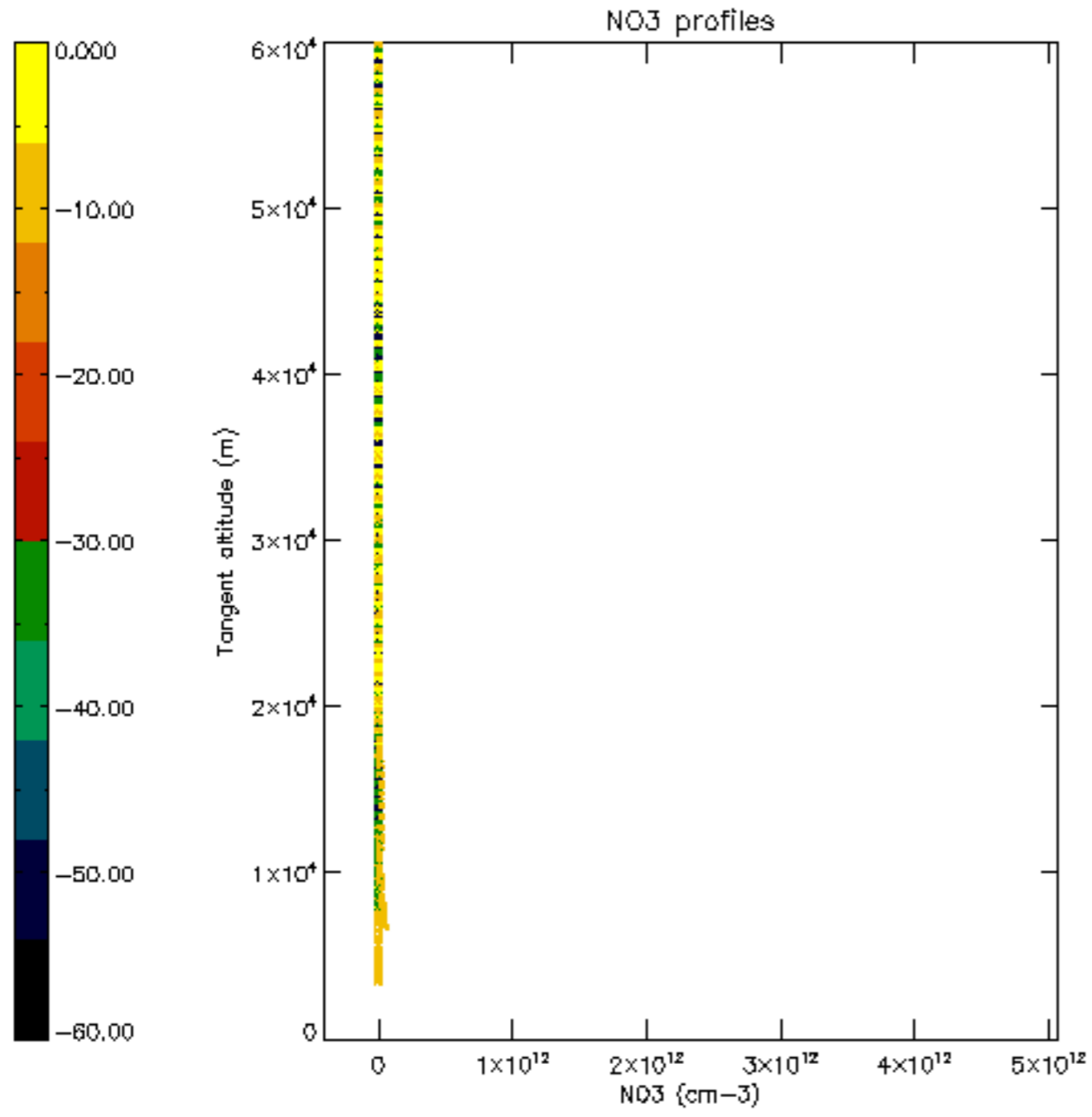


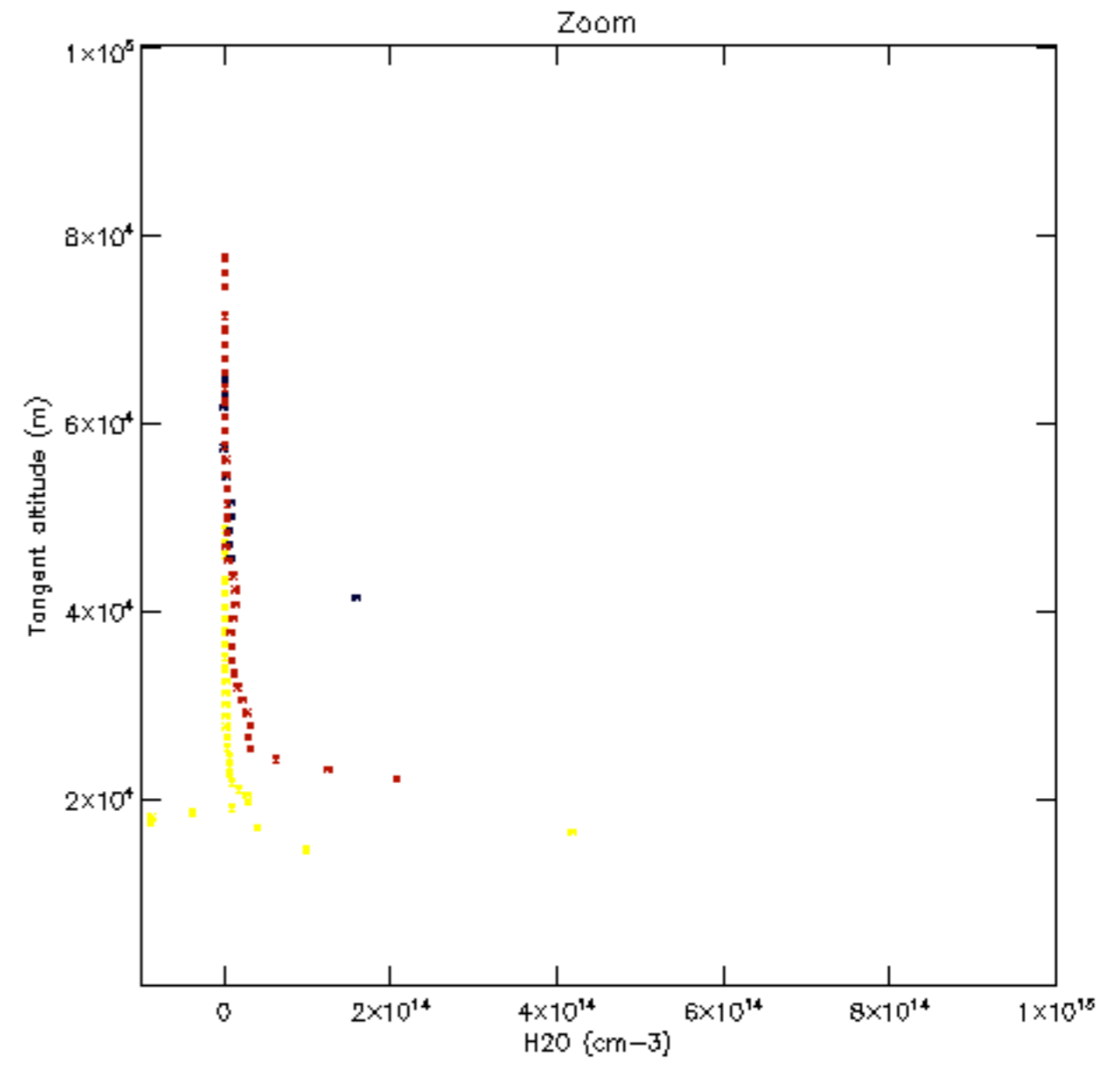
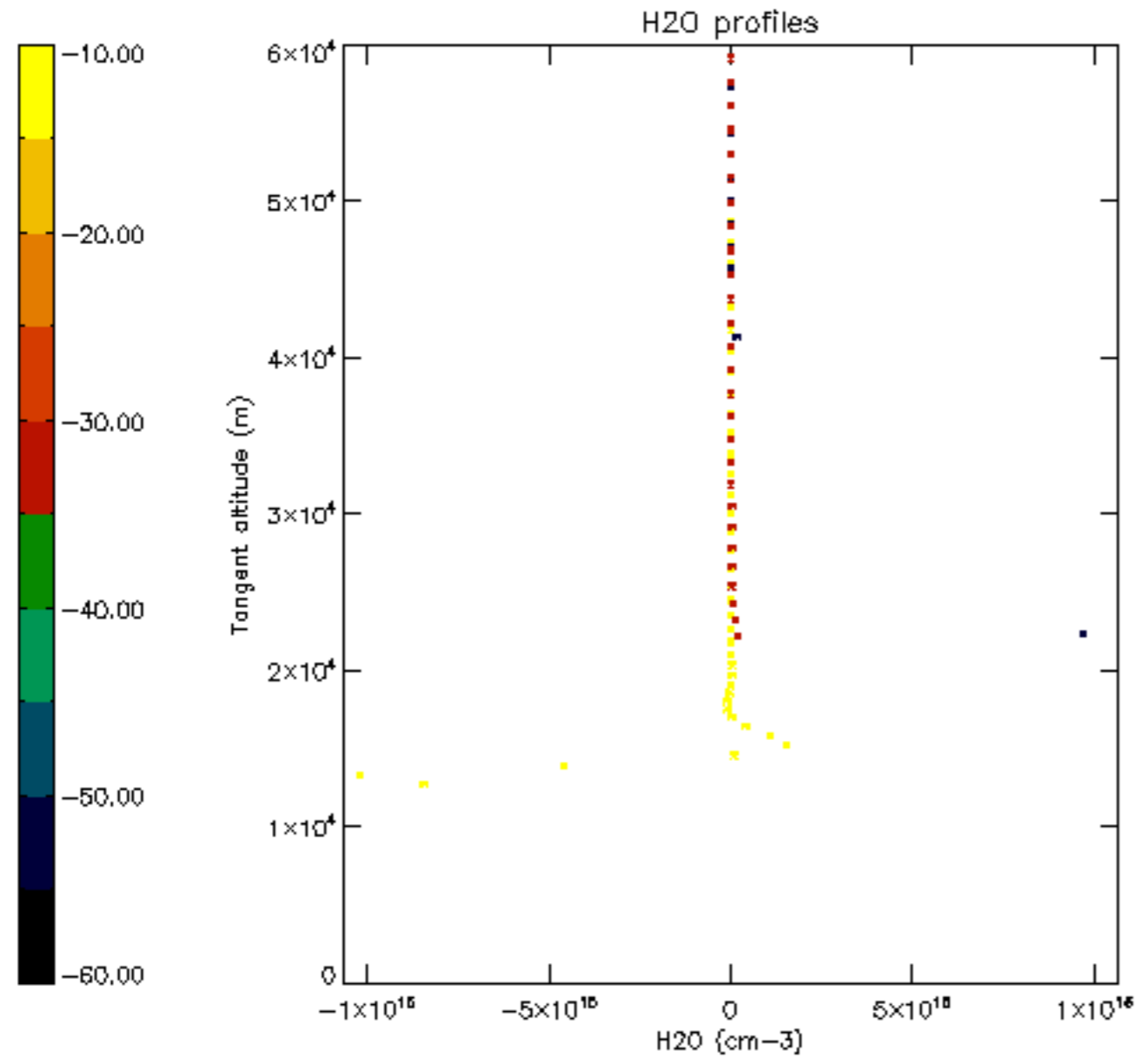


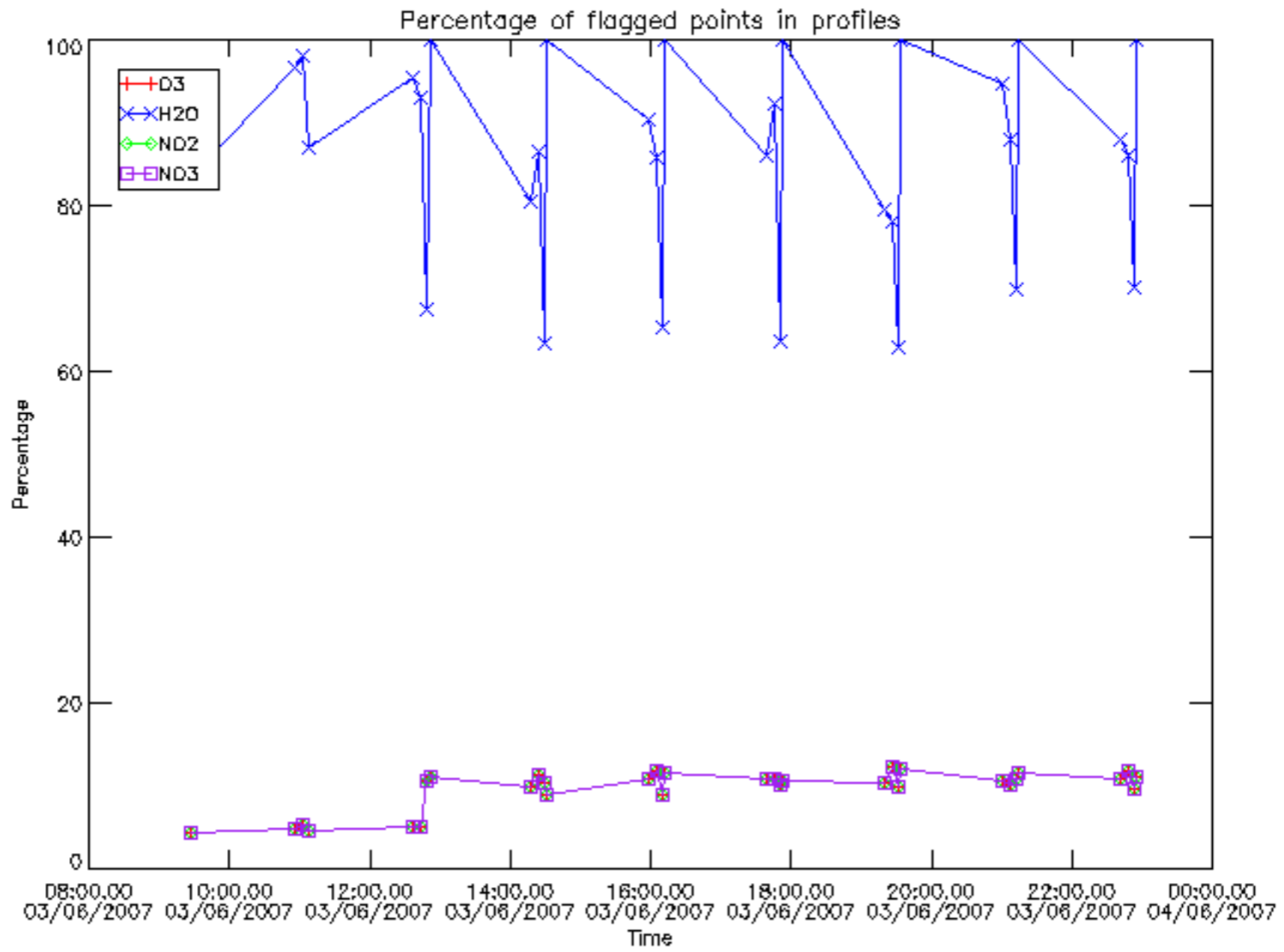




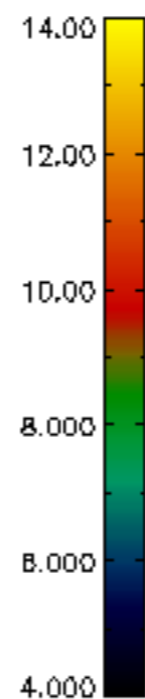
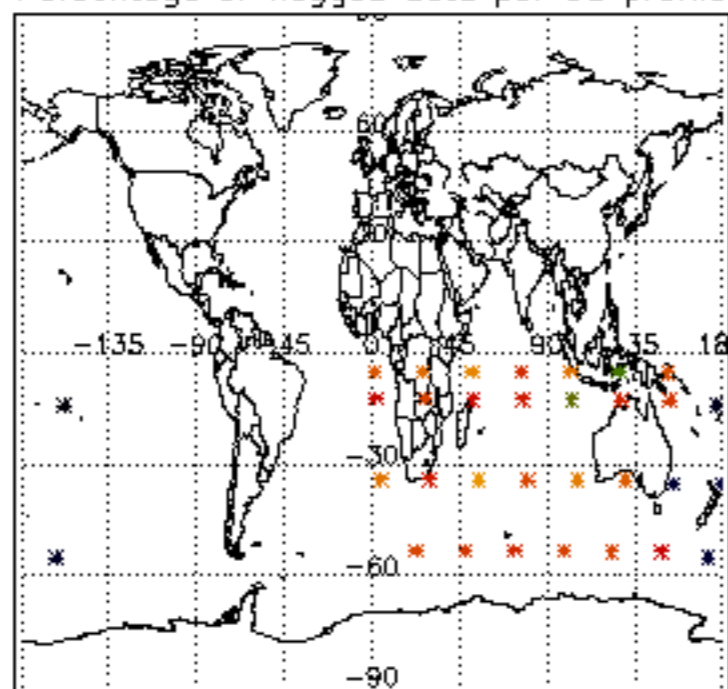




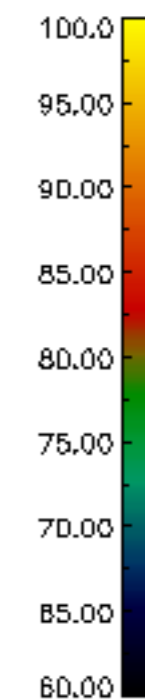
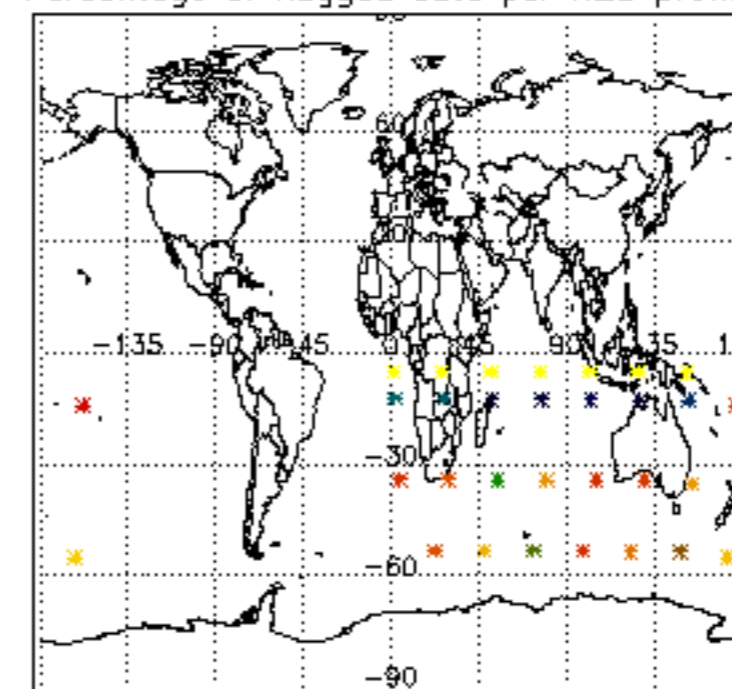




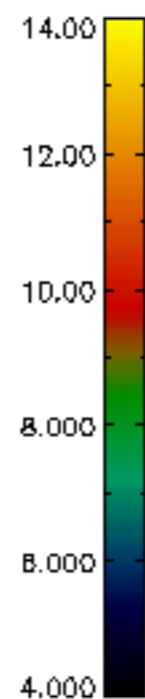
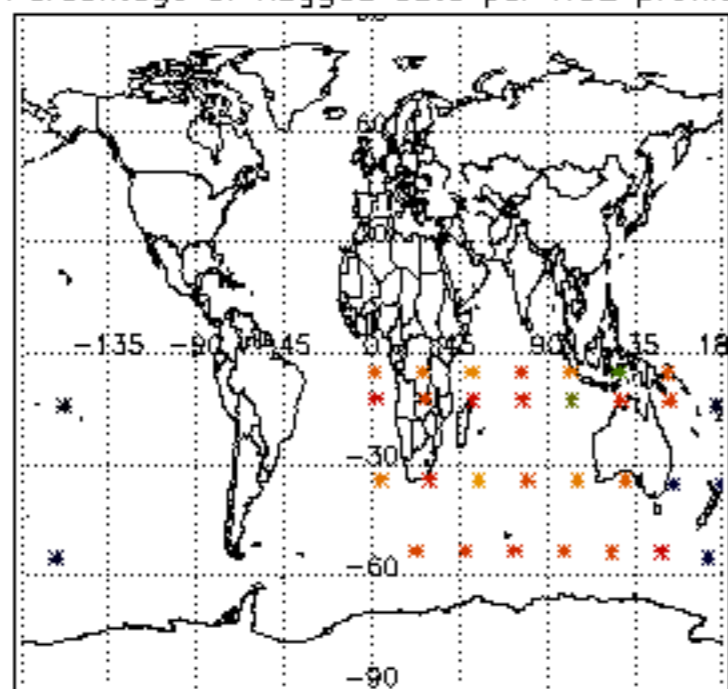
Percentage of flagged data per D3 profile



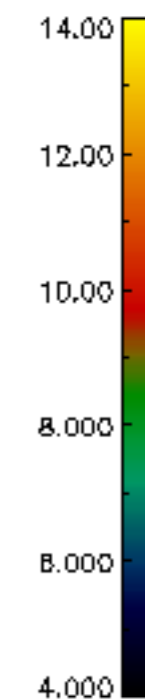
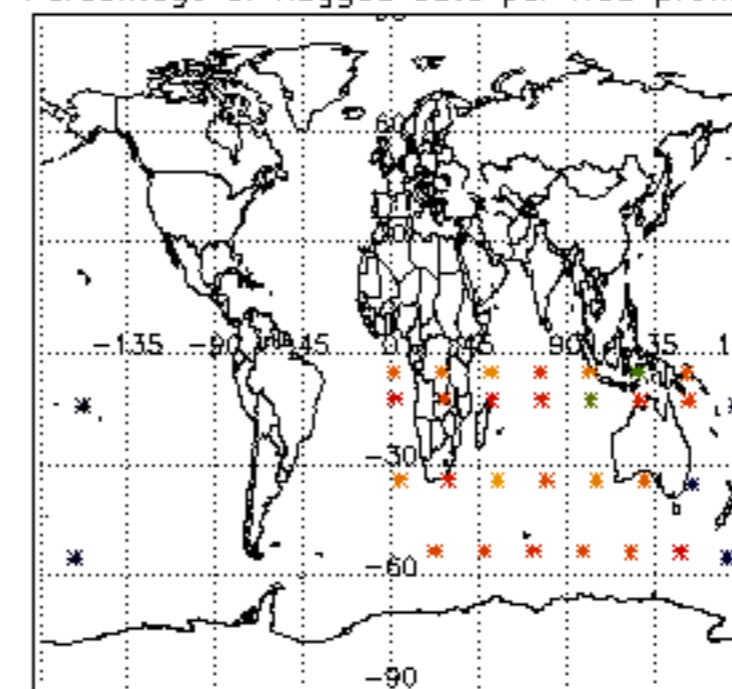
Percentage of flagged data per H2O profile

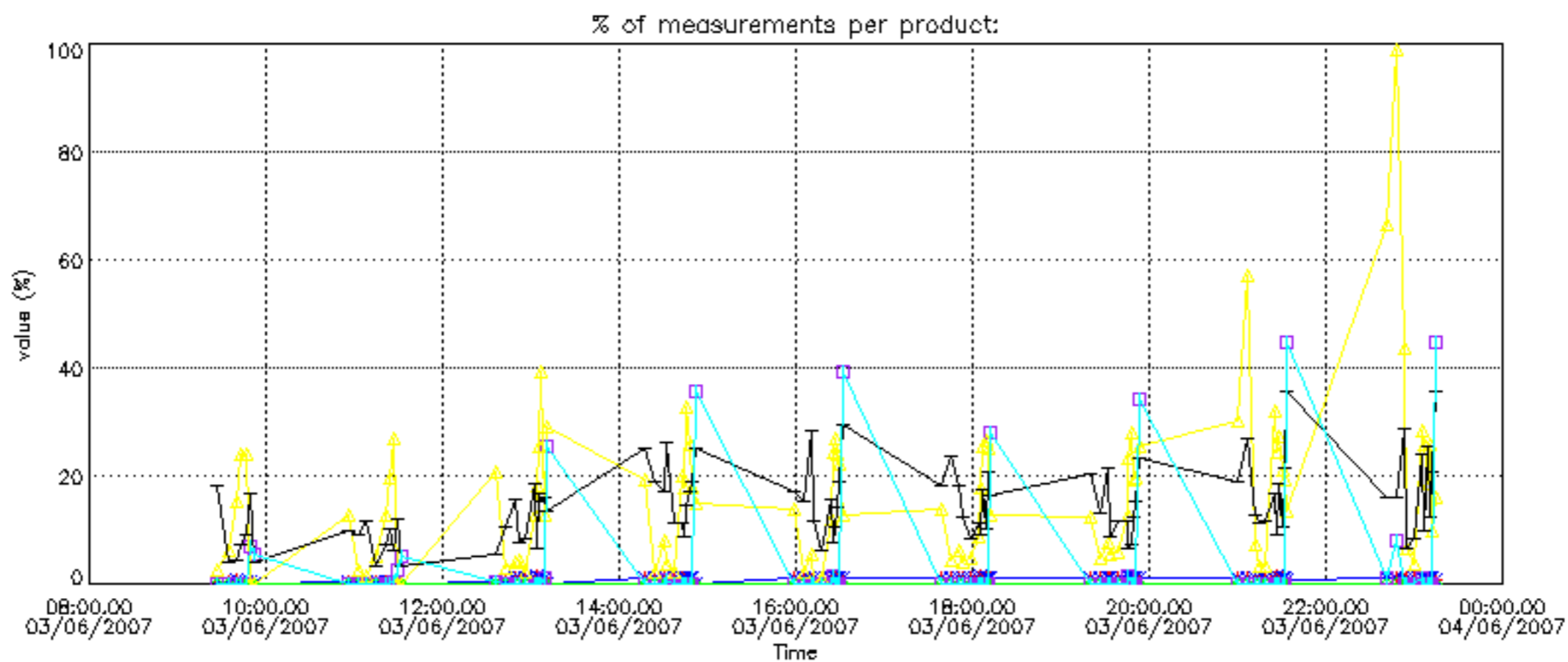


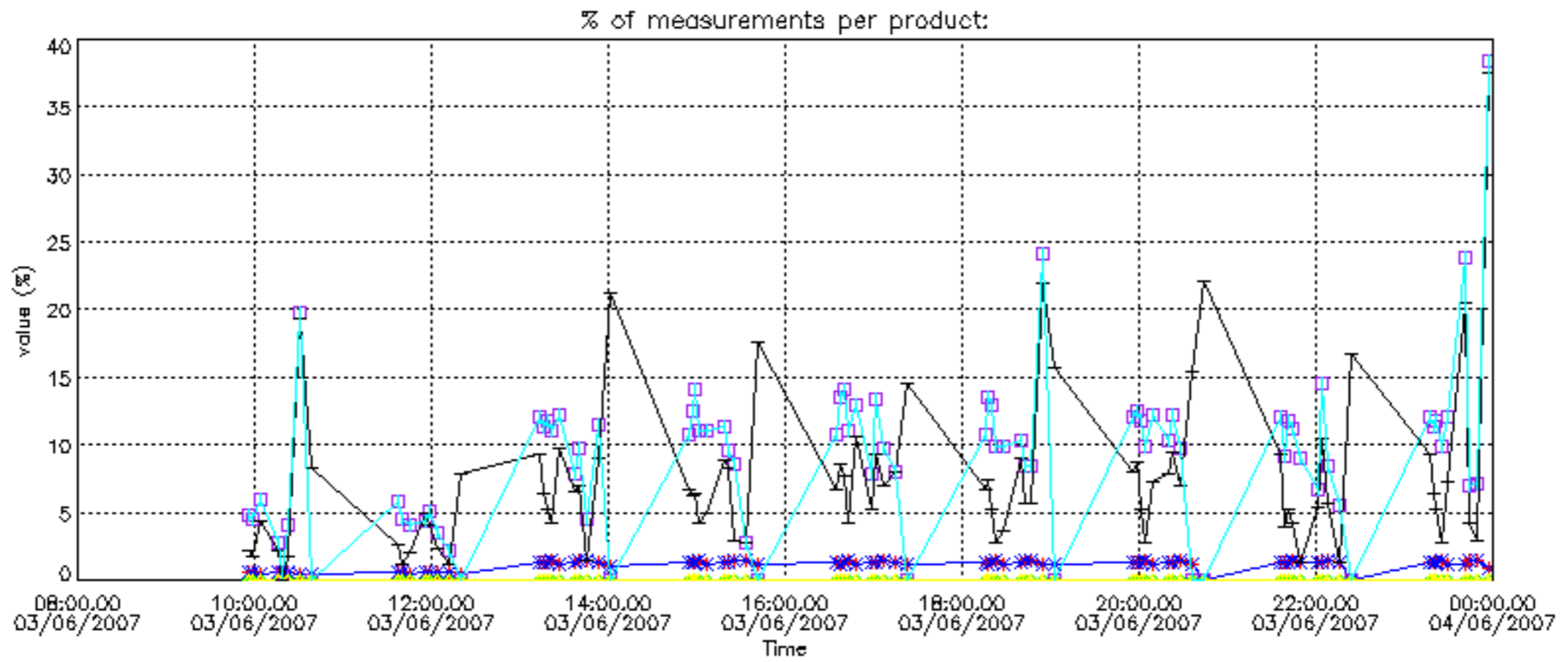
Percentage of flagged data per NO2 profile



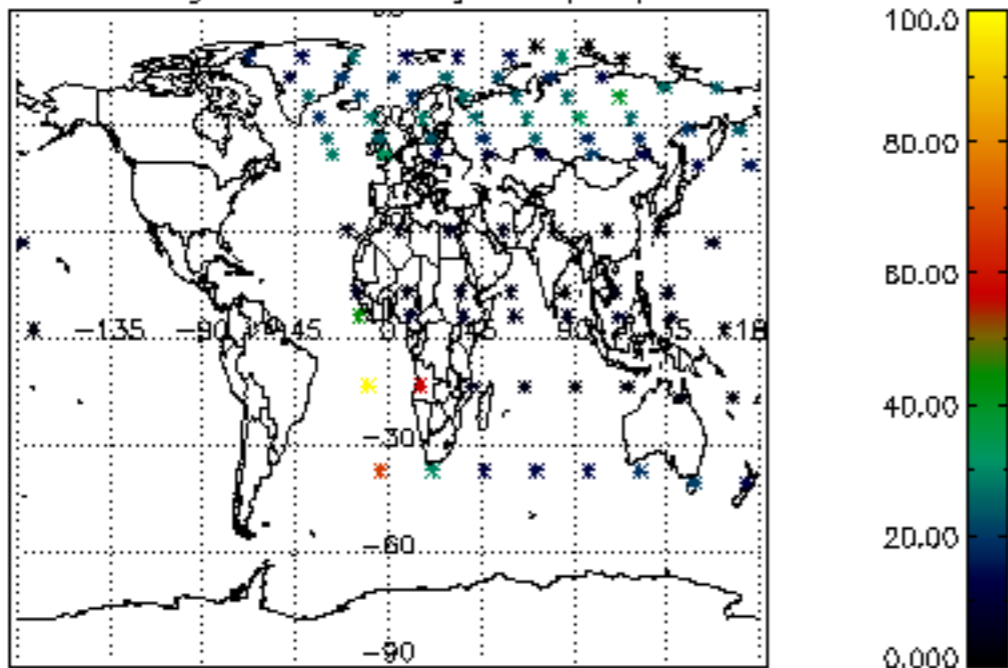
Percentage of flagged data per NO3 profile



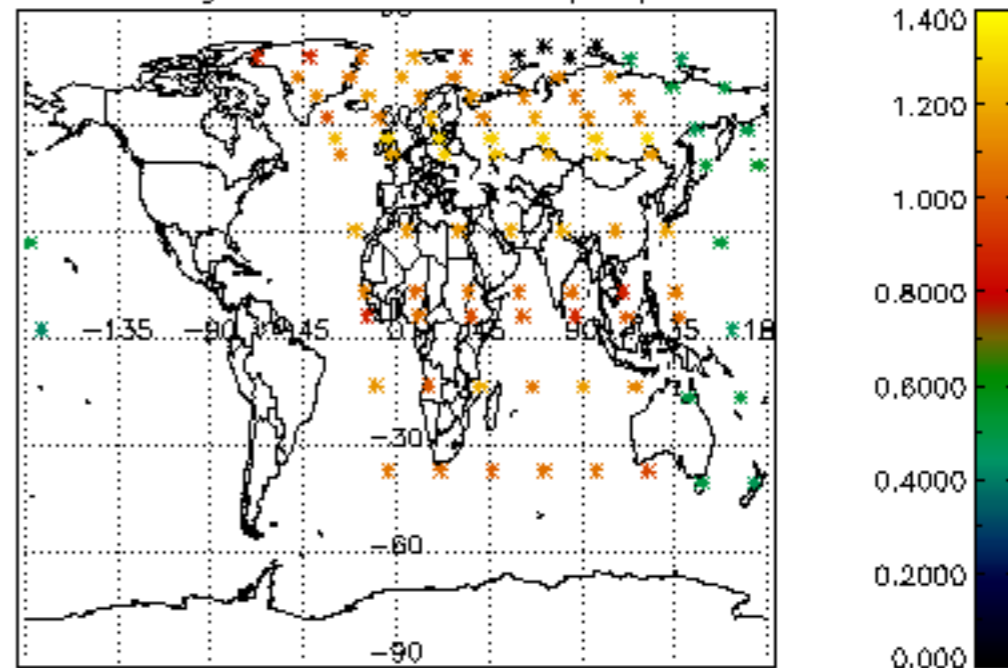




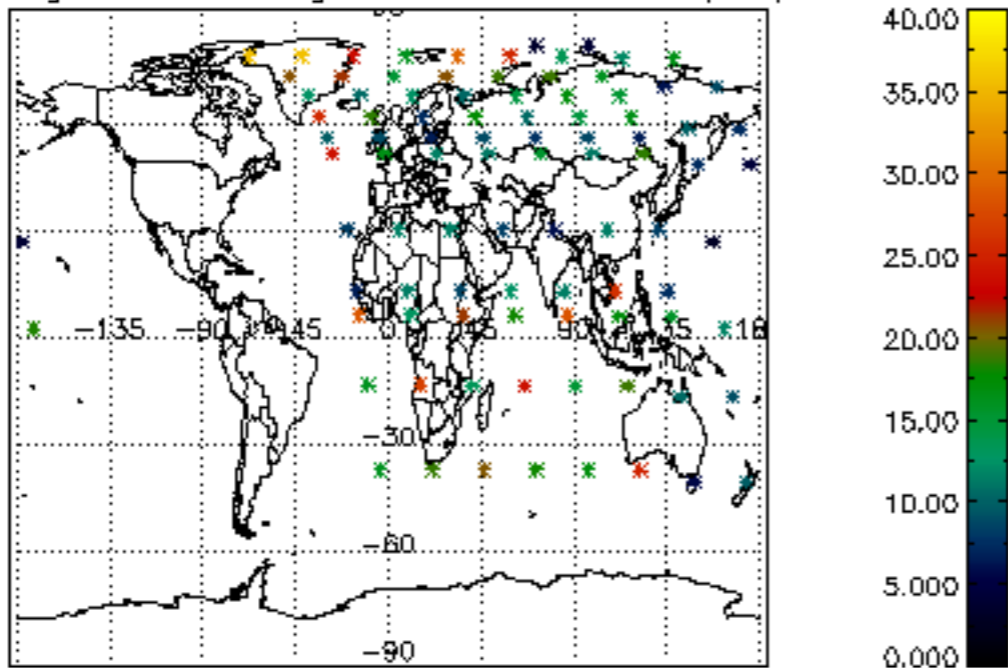
Percentage of cosmic ray hits per profile



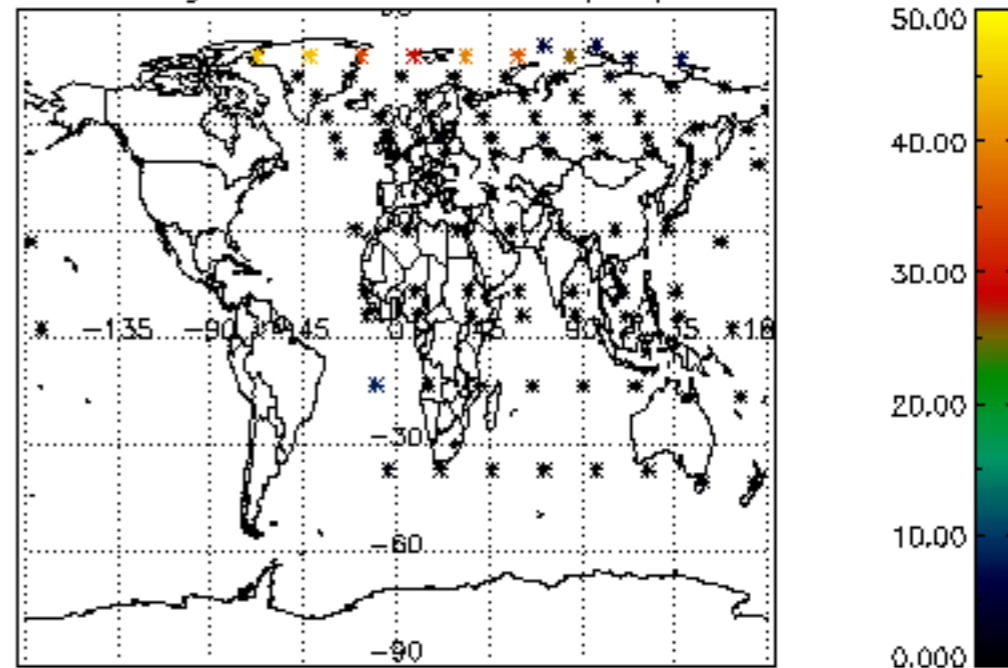
Percentage of datation errors per profile



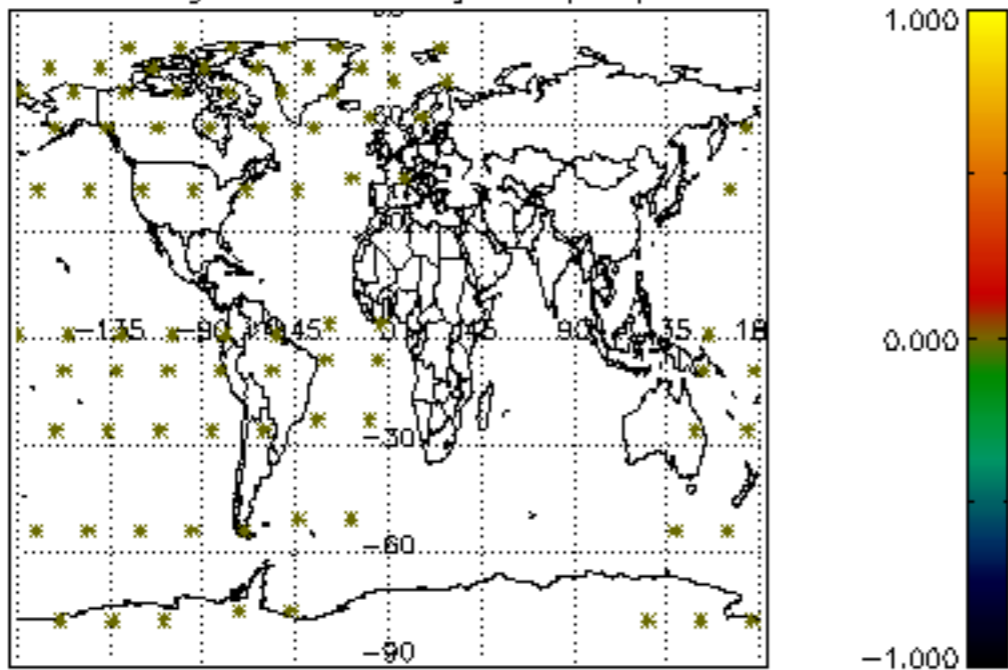
Percentage of star falling outside central band per profile



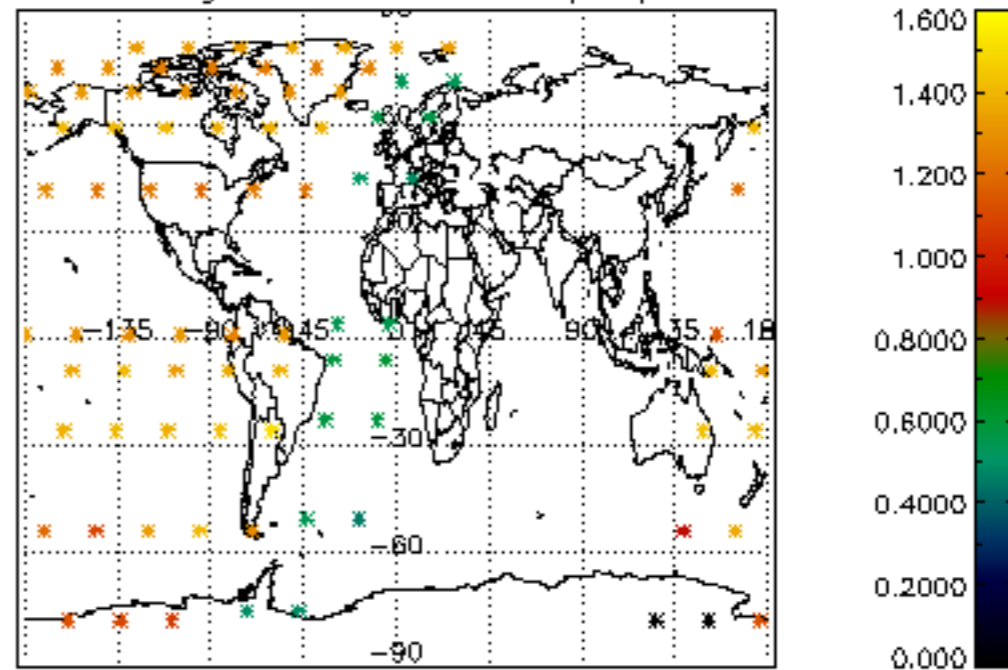
Percentage of saturation errors per profile



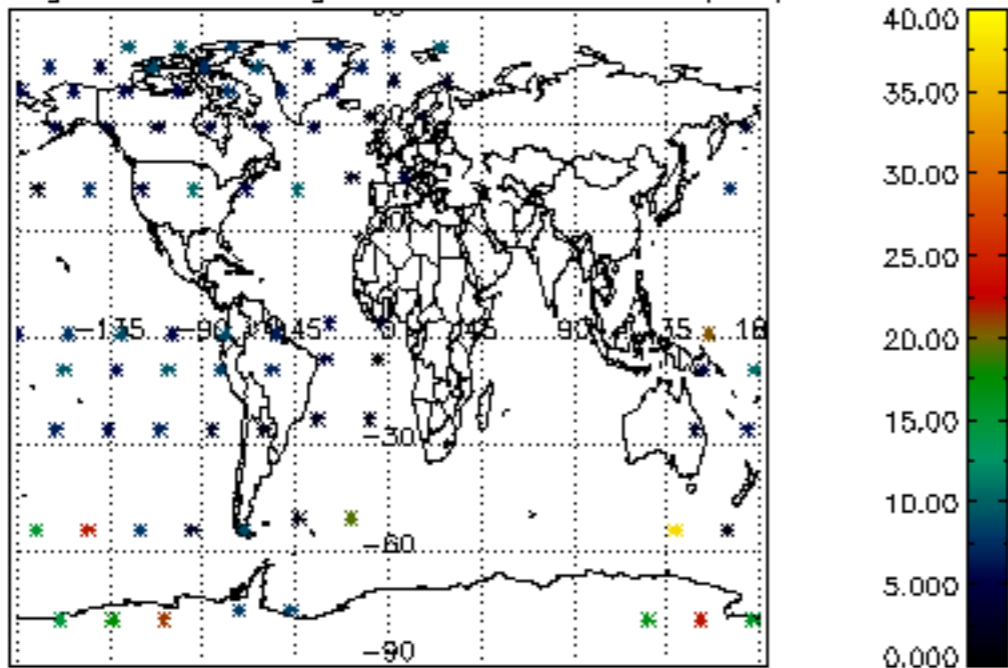
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

