

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	25APR2013 14:20:30
Data source version	GOMOS/6.01
Start time of products	17-05-2008 (17MAY2008 00:00:00)
Stop time of products	18-05-2008 (18MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
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__2PRFIN20080517_000008_000000412068_00360_32478_0844.N1	17-MAY-2008 00:00:08	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32478	No
2	GOM_NL__2PRFIN20080517_000521_000000382068_00360_32478_0845.N1	17-MAY-2008 00:05:21	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32478	No
3	GOM_NL__2PRFIN20080517_000731_000000382068_00360_32478_0846.N1	17-MAY-2008 00:07:31	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32478	No
4	GOM_NL__2PRFIN20080517_000911_000000482068_00360_32478_0847.N1	17-MAY-2008 00:09:11	Straylight	47.500	4	Alp1Cen	-0.010000	5800.0	95	32478	No
5	GOM_NL__2PRFIN20080517_001247_000000382068_00360_32478_0848.N1	17-MAY-2008 00:12:47	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32478	No
6	GOM_NL__2PRFIN20080517_001417_000000382068_00360_32478_0849.N1	17-MAY-2008 00:14:17	Twilight_stray	37.500	81	Eta Cen	2.3560	28000.	75	32478	No
7	GOM_NL__2PRFIN20080517_001612_000000432068_00360_32478_0850.N1	17-MAY-2008 00:16:12	Twilight_stray	43.000	54	5The Cen	2.0550	4500.0	86	32478	No
8	GOM_NL__2PRFIN20080517_002127_000000382068_00360_32478_0851.N1	17-MAY-2008 00:21:27	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32478	No
9	GOM_NL__2PRFIN20080517_002337_000000372068_00360_32478_0852.N1	17-MAY-2008 00:23:37	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32478	No
10	GOM_NL__2PRFIN20080517_003132_000000342068_00360_32478_0853.N1	17-MAY-2008 00:31:32	Bright	34.000	111	8Eta Boo	2.6800	6000.0	68	32478	No
11	GOM_NL__2PRFIN20080517_003716_000000362068_00360_32478_0854.N1	17-MAY-2008 00:37:16	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32478	No
12	GOM_NL__2PRFIN20080517_004013_000000362068_00360_32478_0855.N1	17-MAY-2008 00:40:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32478	No
13	GOM_NL__2PRFIN20080517_004151_000000362068_00360_32478_0856.N1	17-MAY-2008 00:41:51	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32478	No
14	GOM_NL__2PRFIN20080517_004729_000000382068_00360_32478_0857.N1	17-MAY-2008 00:47:29	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32478	No
15	GOM_NL__2PRFIN20080517_005154_000000362068_00360_32478_0858.N1	17-MAY-2008 00:51:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32478	No
16	GOM_NL__2PRFIN20080517_010006_000000532068_00360_32478_0859.N1	17-MAY-2008 01:00:06	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32478	No
17	GOM_NL__2PRFIN20080517_010120_000000542068_00360_32478_0860.N1	17-MAY-2008 01:01:20	Bright	53.500	68	18Alp Cas	2.2250	4500.0	107	32478	No
18	GOM_NL__2PRFIN20080517_012242_000000432068_00360_32478_0861.N1	17-MAY-2008 01:22:42	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32478	No
19	GOM_NL__2PRFIN20080517_013342_000000452068_00360_32478_0862.N1	17-MAY-2008 01:33:42	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	32478	No
20	GOM_NL__2PRFIN20080517_031730_000000382068_00362_32480_0878.N1	17-MAY-2008 03:17:30	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32480	No
21	GOM_NL__2PRFIN20080517_032122_000000422068_00362_32480_0879.N1	17-MAY-2008 03:21:22	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32480	No
22	GOM_NL__2PRFIN20080517_032829_000000422068_00362_32480_0880.N1	17-MAY-2008 03:28:29	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32480	No
23	GOM_NL__2PRFIN20080517_033129_000000502068_00362_32480_0881.N1	17-MAY-2008 03:31:29	Straylight	49.500	178	lot1Sco	3.0220	6550.0	99	32480	No
24	GOM_NL__2PRFIN20080517_033300_000000492068_00362_32480_0882.N1	17-MAY-2008 03:33:00	Straylight	49.000	115	34Ups Sco	2.6960	26000.	98	32480	No
25	GOM_NL__2PRFIN20080517_033514_000000532068_00362_32480_0883.N1	17-MAY-2008 03:35:14	Twilight_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	32480	No
26	GOM_NL__2PRFIN20080517_033817_000000562068_00362_32480_0884.N1	17-MAY-2008 03:38:17	Twilight_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	32480	No
27	GOM_NL__2PRFIN20080517_034051_000000572068_00362_32480_0885.N1	17-MAY-2008 03:40:51	Bright	56.500	97	8Bet1Sco	2.5610	30000.	113	32480	No
28	GOM_NL__2PRFIN20080517_034239_000000372068_00362_32480_0886.N1	17-MAY-2008 03:42:39	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32480	No
29	GOM_NL__2PRFIN20080517_034429_000000402068_00362_32480_0887.N1	17-MAY-2008 03:44:29	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	32480	No
30	GOM_NL__2PRFIN20080517_034942_000000432068_00362_32480_0888.N1	17-MAY-2008 03:49:42	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32480	No
31	GOM_NL__2PRFIN20080517_035254_000000362068_00362_32480_0889.N1	17-MAY-2008 03:52:54	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32480	No
32	GOM_NL__2PRFIN20080517_035519_000000382068_00362_32480_0890.N1	17-MAY-2008 03:55:19	Bright	38.000	83		2.3780	11000.	76	32480	No
33	GOM_NL__2PRFIN20080517_035828_000000372068_00362_32480_0891.N1	17-MAY-2008 03:58:28	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32480	No
34	GOM_NL__2PRFIN20080517_040125_000000362068_00362_32480_0892.N1	17-MAY-2008 04:01:25	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32480	No
35	GOM_NL__2PRFIN20080517_040703_000000402068_00362_32480_0893.N1	17-MAY-2008 04:07:03	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32480	No
36	GOM_NL__2PRFIN20080517_040841_000000382068_00362_32480_0894.N1	17-MAY-2008 04:08:41	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32480	No
37	GOM_NL__2PRFIN20080517_041306_000000352068_00362_32480_0895.N1	17-MAY-2008 04:13:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32480	No
38	GOM_NL__2PRFIN20080517_042118_000000532068_00362_32480_0896.N1	17-MAY-2008 04:21:18	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32480	No
39	GOM_NL__2PRFIN20080517_042231_000000542068_00362_32480_0897.N1	17-MAY-2008 04:22:31	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32480	No
40	GOM_NL__2PRFIN20080517_043058_000000422068_00362_32480_0898.N1	17-MAY-2008 04:30:58	Twilight_stray	42.000	58	21Alp And	2.0730	11000.	84	32480	No
41	GOM_NL__2PRFIN20080517_043510_000000442068_00362_32480_0899.N1	17-MAY-2008 04:35:10	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32480	No
42	GOM_NL__2PRFIN20080517_045038_000000512068_00362_32480_0900.N1	17-MAY-2008 04:50:38	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	32480	No

161	GOM_NL__2PRFIN20080517_123140_000000382068_00367_32485_0967.N1	17-MAY-2008 12:31:40	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32485	No
162	GOM_NL__2PRFIN20080517_123606_000000362068_00367_32485_0968.N1	17-MAY-2008 12:36:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32485	No
163	GOM_NL__2PRFIN20080517_124418_000000342068_00367_32485_0969.N1	17-MAY-2008 12:44:18	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32485	No
164	GOM_NL__2PRFIN20080517_124531_000000352068_00367_32485_0970.N1	17-MAY-2008 12:45:31	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32485	No
165	GOM_NL__2PRFIN20080517_125359_000000462068_00367_32485_0971.N1	17-MAY-2008 12:53:59	Tw_i_and_stray	46.000	58	21Alp And	2.0730	11000.	92	32485	No
166	GOM_NL__2PRFIN20080517_125812_000000442068_00367_32485_0972.N1	17-MAY-2008 12:58:12	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	32485	No
167	GOM_NL__2PRFIN20080517_131342_000000452068_00367_32485_0973.N1	17-MAY-2008 13:13:42	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	32485	No
168	GOM_NL__2PRFIN20080517_131758_000000552068_00367_32485_0974.N1	17-MAY-2008 13:17:58	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	32485	No
169	GOM_NL__2PRFIN20080517_131930_000000422068_00368_32486_0963.N1	17-MAY-2008 13:19:30	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32486	No
170	GOM_NL__2PRFIN20080517_132108_000000382068_00368_32486_0964.N1	17-MAY-2008 13:21:08	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32486	No
171	GOM_NL__2PRFIN20080517_132501_000000412068_00368_32486_0965.N1	17-MAY-2008 13:25:01	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32486	No
172	GOM_NL__2PRFIN20080517_133208_000000422068_00368_32486_0966.N1	17-MAY-2008 13:32:08	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32486	No
173	GOM_NL__2PRFIN20080517_133445_000000492068_00368_32486_0967.N1	17-MAY-2008 13:34:45	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32486	No
174	GOM_NL__2PRFIN20080517_133637_000000352068_00368_32486_0968.N1	17-MAY-2008 13:36:37	Straylight	35.000	25	35Lam Sco	1.6200	28000.	70	32486	No
175	GOM_NL__2PRFIN20080517_133852_000000502068_00368_32486_0969.N1	17-MAY-2008 13:38:52	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32486	No
176	GOM_NL__2PRFIN20080517_134154_000000582068_00368_32486_0970.N1	17-MAY-2008 13:41:54	Tw_i_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	32486	No
177	GOM_NL__2PRFIN20080517_134427_000000442068_00368_32486_0971.N1	17-MAY-2008 13:44:27	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32486	No
178	GOM_NL__2PRFIN20080517_134615_000000362068_00368_32486_0972.N1	17-MAY-2008 13:46:15	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32486	No
179	GOM_NL__2PRFIN20080517_134804_000000382068_00368_32486_0973.N1	17-MAY-2008 13:48:04	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32486	No
180	GOM_NL__2PRFIN20080517_135316_000000432068_00368_32486_0974.N1	17-MAY-2008 13:53:16	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32486	No
181	GOM_NL__2PRFIN20080517_135630_000000382068_00368_32486_0975.N1	17-MAY-2008 13:56:30	Bright	37.500	3	16Alp Boo	-0.050000	4250.0	75	32486	No
182	GOM_NL__2PRFIN20080517_135854_000000552068_00368_32486_0976.N1	17-MAY-2008 13:58:54	Bright	55.000	83		2.3780	11000.	110	32486	No
183	GOM_NL__2PRFIN20080517_140501_000000332068_00368_32486_0977.N1	17-MAY-2008 14:05:01	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	32486	No
184	GOM_NL__2PRFIN20080517_141035_000000432068_00368_32486_0978.N1	17-MAY-2008 14:10:35	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	32486	No
185	GOM_NL__2PRFIN20080517_141216_000000392068_00368_32486_0979.N1	17-MAY-2008 14:12:16	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32486	No
186	GOM_NL__2PRFIN20080517_141642_000000332068_00368_32486_0980.N1	17-MAY-2008 14:16:42	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32486	No
187	GOM_NL__2PRFIN20080517_142454_000000342068_00368_32486_0981.N1	17-MAY-2008 14:24:54	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32486	No
188	GOM_NL__2PRFIN20080517_142607_000000362068_00368_32486_0982.N1	17-MAY-2008 14:26:07	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32486	No
189	GOM_NL__2PRFIN20080517_143435_000000442068_00368_32486_0983.N1	17-MAY-2008 14:34:35	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	32486	No
190	GOM_NL__2PRFIN20080517_143848_000000422068_00368_32486_0984.N1	17-MAY-2008 14:38:48	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32486	No
191	GOM_NL__2PRFIN20080517_144733_000000462068_00368_32486_0985.N1	17-MAY-2008 14:47:33	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32486	No
192	GOM_NL__2PRFIN20080517_145418_000000522068_00368_32486_0986.N1	17-MAY-2008 14:54:18	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	32486	No
193	GOM_NL__2PRFIN20080517_145835_000000582068_00368_32486_0987.N1	17-MAY-2008 14:58:35	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32486	No
194	GOM_NL__2PRFIN20080517_150006_000000442068_00369_32487_0976.N1	17-MAY-2008 15:00:06	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32487	No
195	GOM_NL__2PRFIN20080517_150145_000000392068_00369_32487_0977.N1	17-MAY-2008 15:01:45	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32487	No
196	GOM_NL__2PRFIN20080517_150538_000000422068_00369_32487_0978.N1	17-MAY-2008 15:05:38	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32487	No
197	GOM_NL__2PRFIN20080517_151244_000000402068_00369_32487_0979.N1	17-MAY-2008 15:12:44	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32487	No
198	GOM_NL__2PRFIN20080517_151521_000000522068_00369_32487_0980.N1	17-MAY-2008 15:15:21	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32487	No
199	GOM_NL__2PRFIN20080517_151713_000000352068_00369_32487_0981.N1	17-MAY-2008 15:17:13	Straylight	35.000	25	35Lam Sco	1.6200	28000.	70	32487	No
200	GOM_NL__2PRFIN20080517_151929_000000482068_00369_32487_0982.N1	17-MAY-2008 15:19:29	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32487	No
201	GOM_NL__2PRFIN20080517_152231_000000642068_00369_32487_0983.N1	17-MAY-2008 15:22:31	Tw_i_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	32487	No
202	GOM_NL__2PRFIN20080517_152503_000000452068_00369_32487_0984.N1	17-MAY-2008 15:25:03	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	32487	No
203	GOM_NL__2PRFIN20080517_152651_000000382068_00369_32487_0985.N1	17-MAY-2008 15:26:51	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32487	No
204	GOM_NL__2PRFIN20080517_152840_000000392068_00369_32487_0986.N1	17-MAY-2008 15:28:40	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32487	No
205	GOM_NL__2PRFIN20080517_153352_000000432068_00369_32487_0987.N1	17-MAY-2008 15:33:52	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32487	No
206	GOM_NL__2PRFIN20080517_153706_000000352068_00369_32487_0988.N1	17-MAY-2008 15:37:06	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32487	No
207	GOM_NL__2PRFIN20080517_153930_000000372068_00369_32487_0989.N1	17-MAY-2008 15:39:30	Bright	37.000	83		2.3780	11000.	74	32487	No
208	GOM_NL__2PRFIN20080517_154238_000000372068_00369_32487_0990.N1	17-MAY-2008 15:42:38	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32487	No
209	GOM_NL__2PRFIN20080517_154537_000000362068_00369_32487_0991.N1	17-MAY-2008 15:45:37	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32487	No
210	GOM_NL__2PRFIN20080517_155111_000000402068_00369_32487_0992.N1	17-MAY-2008 15:51:11	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32487	No
211	GOM_NL__2PRFIN20080517_155251_000000342068_00369_32487_0993.N1	17-MAY-2008 15:52:51	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	32487	No
212	GOM_NL__2PRFIN20080517_155718_000000362068_00369_32487_0994.N1	17-MAY-2008 15:57:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32487	No
213	GOM_NL__2PRFIN20080517_160530_000000402068_00369_32487_0995.N1	17-MAY-2008 16:05:30	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	32487	No
214	GOM_NL__2PRFIN20080517_160643_000000362068_00369_32487_0996.N1	17-MAY-2008 16:06:43	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	32487	No
215	GOM_NL__2PRFIN20080517_161511_000000452068_00369_32487_0997.N1	17-MAY-2008 16:15:11	Tw_i_and_stray	44.500	58	21Alp And	2.0730	11000.	89	32487	No
216	GOM_NL__2PRFIN20080517_161924_000000442068_00369_32487_0998.N1	17-MAY-2008 16:19:24	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	32487	No
217	GOM_NL__2PRFIN20080517_162809_000000422068_00369_32487_0999.N1	17-MAY-2008 16:28:09	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32487	No
218	GOM_NL__2PRFIN20080517_163455_000000462068_00369_32487_1000.N1	17-MAY-2008 16:34:55	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32487	No
219	GOM_NL__2PRFIN20080517_163911_000000482068_00369_32487_1001.N1	17-MAY-2008 16:39:11	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32487	No

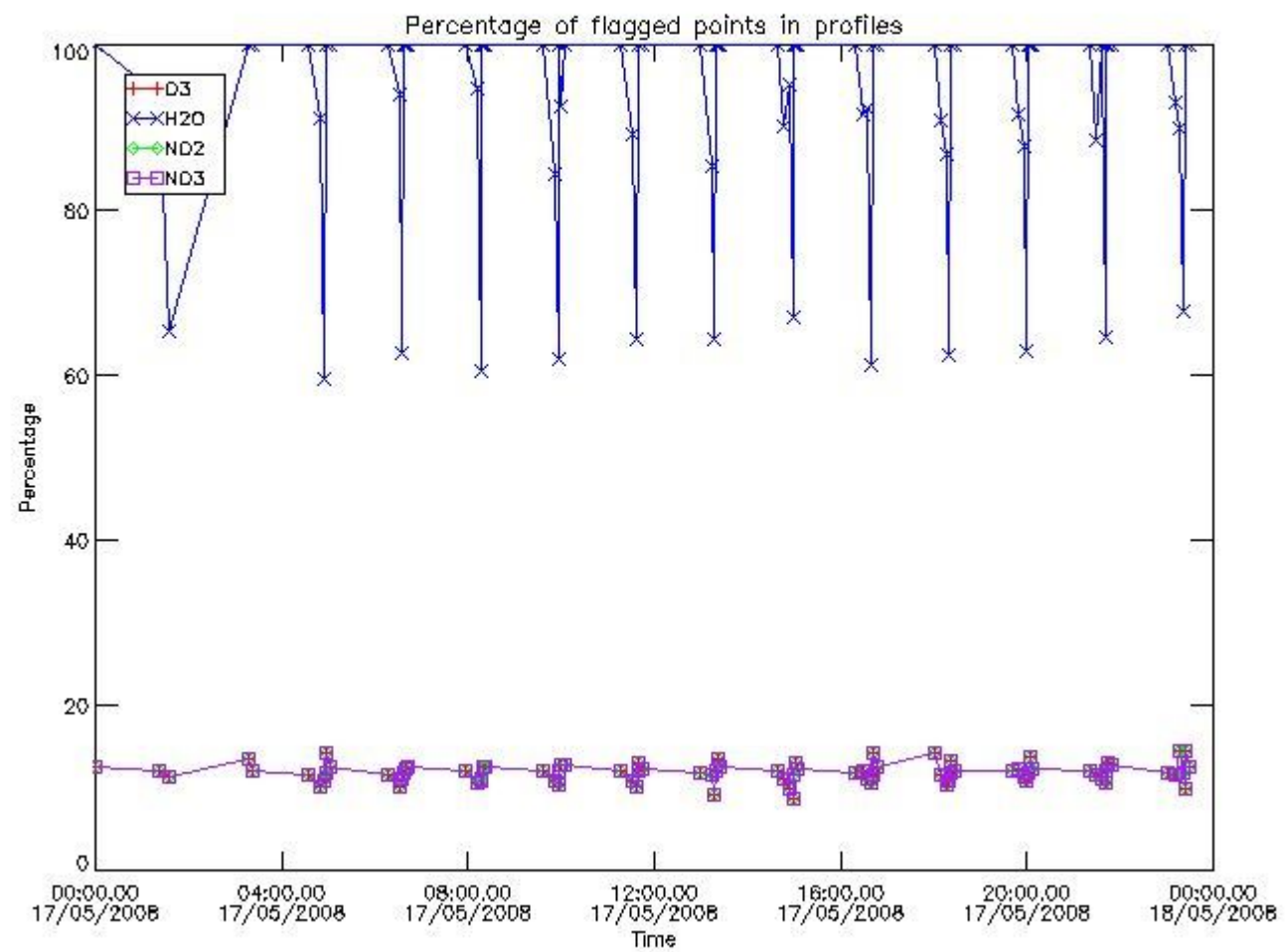
220	GOM_NL__2PRFIN20080517_164043_000000452068_00370_32488_0987.N1	17-MAY-2008 16:40:43	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32488	No
221	GOM_NL__2PRFIN20080517_164221_000000402068_00370_32488_0988.N1	17-MAY-2008 16:42:21	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32488	No
222	GOM_NL__2PRFIN20080517_164615_000000412068_00370_32488_0989.N1	17-MAY-2008 16:46:15	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32488	No
223	GOM_NL__2PRFIN20080517_165321_000000452068_00370_32488_0990.N1	17-MAY-2008 16:53:21	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	32488	No
224	GOM_NL__2PRFIN20080517_165558_000000522068_00370_32488_0991.N1	17-MAY-2008 16:55:58	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32488	No
225	GOM_NL__2PRFIN20080517_165750_000000382068_00370_32488_0992.N1	17-MAY-2008 16:57:50	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	32488	No
226	GOM_NL__2PRFIN20080517_170005_000000522068_00370_32488_0993.N1	17-MAY-2008 17:00:05	Twilight_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32488	No
227	GOM_NL__2PRFIN20080517_170307_000000582068_00370_32488_0994.N1	17-MAY-2008 17:03:07	Twilight_stray	57.500	16	21Alp Sco	1.0200	3000.0	115	32488	No
228	GOM_NL__2PRFIN20080517_170539_000000442068_00370_32488_0995.N1	17-MAY-2008 17:05:39	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32488	No
229	GOM_NL__2PRFIN20080517_170727_000000382068_00370_32488_0996.N1	17-MAY-2008 17:07:27	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32488	No
230	GOM_NL__2PRFIN20080517_170916_000000382068_00370_32488_0997.N1	17-MAY-2008 17:09:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32488	No
231	GOM_NL__2PRFIN20080517_171427_000000432068_00370_32488_0998.N1	17-MAY-2008 17:14:27	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32488	No
232	GOM_NL__2PRFIN20080517_171742_000000352068_00370_32488_0999.N1	17-MAY-2008 17:17:42	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32488	No
233	GOM_NL__2PRFIN20080517_172006_000000402068_00370_32488_1000.N1	17-MAY-2008 17:20:06	Bright	40.000	83		2.3780	11000.	80	32488	No
234	GOM_NL__2PRFIN20080517_172314_000000372068_00370_32488_1001.N1	17-MAY-2008 17:23:14	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32488	No
235	GOM_NL__2PRFIN20080517_172613_000000352068_00370_32488_1002.N1	17-MAY-2008 17:26:13	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32488	No
236	GOM_NL__2PRFIN20080517_173146_000000422068_00370_32488_1003.N1	17-MAY-2008 17:31:46	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32488	No
237	GOM_NL__2PRFIN20080517_173327_000000362068_00370_32488_1004.N1	17-MAY-2008 17:33:27	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32488	No
238	GOM_NL__2PRFIN20080517_173754_000000352068_00370_32488_1005.N1	17-MAY-2008 17:37:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32488	No
239	GOM_NL__2PRFIN20080517_174606_000000332068_00370_32488_1006.N1	17-MAY-2008 17:46:06	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	32488	No
240	GOM_NL__2PRFIN20080517_174719_000000342068_00370_32488_1007.N1	17-MAY-2008 17:47:19	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32488	No
241	GOM_NL__2PRFIN20080517_175547_000000442068_00370_32488_1008.N1	17-MAY-2008 17:55:47	Twilight_stray	44.000	58	21Alp And	2.0730	11000.	88	32488	No
242	GOM_NL__2PRFIN20080517_180001_000000432068_00370_32488_1009.N1	17-MAY-2008 18:00:01	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32488	No
243	GOM_NL__2PRFIN20080517_180845_000000452068_00370_32488_1010.N1	17-MAY-2008 18:08:45	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32488	No
244	GOM_NL__2PRFIN20080517_181532_000000502068_00370_32488_1011.N1	17-MAY-2008 18:15:32	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32488	No
245	GOM_NL__2PRFIN20080517_181948_000000472068_00370_32488_1012.N1	17-MAY-2008 18:19:48	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32488	No
246	GOM_NL__2PRFIN20080517_182120_000000442068_00371_32489_1010.N1	17-MAY-2008 18:21:20	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32489	No
247	GOM_NL__2PRFIN20080517_182258_000000392068_00371_32489_1011.N1	17-MAY-2008 18:22:58	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32489	No
248	GOM_NL__2PRFIN20080517_182652_000000422068_00371_32489_1012.N1	17-MAY-2008 18:26:52	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32489	No
249	GOM_NL__2PRFIN20080517_183357_000000402068_00371_32489_1013.N1	17-MAY-2008 18:33:57	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32489	No
250	GOM_NL__2PRFIN20080517_183635_000000462068_00371_32489_1014.N1	17-MAY-2008 18:36:35	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32489	No
251	GOM_NL__2PRFIN20080517_183827_000000382068_00371_32489_1015.N1	17-MAY-2008 18:38:27	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	32489	No
252	GOM_NL__2PRFIN20080517_184042_000000522068_00371_32489_1016.N1	17-MAY-2008 18:40:42	Twilight_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	32489	No
253	GOM_NL__2PRFIN20080517_184343_000000582068_00371_32489_1017.N1	17-MAY-2008 18:43:43	Twilight_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	32489	No
254	GOM_NL__2PRFIN20080517_184616_000000422068_00371_32489_1018.N1	17-MAY-2008 18:46:16	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32489	No
255	GOM_NL__2PRFIN20080517_184803_000000372068_00371_32489_1019.N1	17-MAY-2008 18:48:03	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32489	No
256	GOM_NL__2PRFIN20080517_184952_000000392068_00371_32489_1020.N1	17-MAY-2008 18:49:52	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32489	No
257	GOM_NL__2PRFIN20080517_185503_000000422068_00371_32489_1021.N1	17-MAY-2008 18:55:03	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32489	No
258	GOM_NL__2PRFIN20080517_185818_000000362068_00371_32489_1022.N1	17-MAY-2008 18:58:18	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32489	No
259	GOM_NL__2PRFIN20080517_190042_000000372068_00371_32489_1023.N1	17-MAY-2008 19:00:42	Bright	36.500	83		2.3780	11000.	73	32489	No
260	GOM_NL__2PRFIN20080517_190350_000000362068_00371_32489_1024.N1	17-MAY-2008 19:03:50	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32489	No
261	GOM_NL__2PRFIN20080517_190649_000000372068_00371_32489_1025.N1	17-MAY-2008 19:06:49	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32489	No
262	GOM_NL__2PRFIN20080517_191222_000000422068_00371_32489_1026.N1	17-MAY-2008 19:12:22	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32489	No
263	GOM_NL__2PRFIN20080517_191403_000000382068_00371_32489_1027.N1	17-MAY-2008 19:14:03	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32489	No
264	GOM_NL__2PRFIN20080517_191830_000000362068_00371_32489_1028.N1	17-MAY-2008 19:18:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32489	No
265	GOM_NL__2PRFIN20080517_192642_000000342068_00371_32489_1029.N1	17-MAY-2008 19:26:42	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32489	No
266	GOM_NL__2PRFIN20080517_192755_000000372068_00371_32489_1030.N1	17-MAY-2008 19:27:55	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	32489	No
267	GOM_NL__2PRFIN20080517_193623_000000452068_00371_32489_1031.N1	17-MAY-2008 19:36:23	Twilight_stray	45.000	58	21Alp And	2.0730	11000.	90	32489	No
268	GOM_NL__2PRFIN20080517_194037_000000432068_00371_32489_1032.N1	17-MAY-2008 19:40:37	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32489	No
269	GOM_NL__2PRFIN20080517_194922_000000422068_00371_32489_1033.N1	17-MAY-2008 19:49:22	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32489	No
270	GOM_NL__2PRFIN20080517_195609_000000502068_00371_32489_1034.N1	17-MAY-2008 19:56:09	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32489	No
271	GOM_NL__2PRFIN20080517_200025_000000482068_00371_32489_1035.N1	17-MAY-2008 20:00:25	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32489	No
272	GOM_NL__2PRFIN20080517_200157_000000432068_00372_32490_1025.N1	17-MAY-2008 20:01:57	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32490	No
273	GOM_NL__2PRFIN20080517_200334_000000412068_00372_32490_1026.N1	17-MAY-2008 20:03:34	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	32490	No
274	GOM_NL__2PRFIN20080517_200728_000000422068_00372_32490_1027.N1	17-MAY-2008 20:07:28	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32490	No
275	GOM_NL__2PRFIN20080517_201433_000000412068_00372_32490_1028.N1	17-MAY-2008 20:14:33	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32490	No
276	GOM_NL__2PRFIN20080517_201711_000000472068_00372_32490_1029.N1	17-MAY-2008 20:17:11	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32490	No
277	GOM_NL__2PRFIN20080517_201903_000000422068_00372_32490_1030.N1	17-MAY-2008 20:19:03	Straylight	42.000	25	35Lam Sco	1.6200	28000.	84	32490	No
278	GOM_NL__2PRFIN20080517_202118_000000512068_00372_32490_1031.N1	17-MAY-2008 20:21:18	Twilight_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	32490	No

279	GOM_NL__2PRFIN20080517_202419_000000622068_00372_32490_1032.N1	17-MAY-2008 20:24:19	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	32490	No
280	GOM_NL__2PRFIN20080517_202652_000000432068_00372_32490_1033.N1	17-MAY-2008 20:26:52	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	32490	No
281	GOM_NL__2PRFIN20080517_202840_000000382068_00372_32490_1034.N1	17-MAY-2008 20:28:40	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32490	No
282	GOM_NL__2PRFIN20080517_203029_000000392068_00372_32490_1035.N1	17-MAY-2008 20:30:29	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32490	No
283	GOM_NL__2PRFIN20080517_203539_000000432068_00372_32490_1036.N1	17-MAY-2008 20:35:39	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32490	No
284	GOM_NL__2PRFIN20080517_203854_000000362068_00372_32490_1037.N1	17-MAY-2008 20:38:54	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32490	No
285	GOM_NL__2PRFIN20080517_204117_000000392068_00372_32490_1038.N1	17-MAY-2008 20:41:17	Bright	38.500	83		2.3780	11000.	77	32490	No
286	GOM_NL__2PRFIN20080517_204426_000000372068_00372_32490_1039.N1	17-MAY-2008 20:44:26	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32490	No
287	GOM_NL__2PRFIN20080517_204725_000000352068_00372_32490_1040.N1	17-MAY-2008 20:47:25	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32490	No
288	GOM_NL__2PRFIN20080517_205257_000000422068_00372_32490_1041.N1	17-MAY-2008 20:52:57	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	32490	No
289	GOM_NL__2PRFIN20080517_205439_000000402068_00372_32490_1042.N1	17-MAY-2008 20:54:39	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	32490	No
290	GOM_NL__2PRFIN20080517_205906_000000352068_00372_32490_1043.N1	17-MAY-2008 20:59:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32490	No
291	GOM_NL__2PRFIN20080517_210718_000000362068_00372_32490_1044.N1	17-MAY-2008 21:07:18	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	32490	No
292	GOM_NL__2PRFIN20080517_210831_000000532068_00372_32490_1045.N1	17-MAY-2008 21:08:31	Bright	52.500	68	18Alp Cas	2.2250	4500.0	105	32490	No
293	GOM_NL__2PRFIN20080517_211659_000000462068_00372_32490_1046.N1	17-MAY-2008 21:16:59	Twilight	46.000	58	21Alp And	2.0730	11000.	92	32490	No
294	GOM_NL__2PRFIN20080517_212113_000000422068_00372_32490_1047.N1	17-MAY-2008 21:21:13	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32490	No
295	GOM_NL__2PRFIN20080517_212958_000000442068_00372_32490_1048.N1	17-MAY-2008 21:29:58	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32490	No
296	GOM_NL__2PRFIN20080517_213646_000000502068_00372_32490_1049.N1	17-MAY-2008 21:36:46	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32490	No
297	GOM_NL__2PRFIN20080517_214101_000000492068_00372_32490_1050.N1	17-MAY-2008 21:41:01	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32490	No
298	GOM_NL__2PRFIN20080517_214234_000000432068_00373_32491_1042.N1	17-MAY-2008 21:42:34	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32491	No
299	GOM_NL__2PRFIN20080517_214411_000000392068_00373_32491_1043.N1	17-MAY-2008 21:44:11	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32491	No
300	GOM_NL__2PRFIN20080517_214805_000000402068_00373_32491_1044.N1	17-MAY-2008 21:48:05	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32491	No
301	GOM_NL__2PRFIN20080517_215510_000000412068_00373_32491_1045.N1	17-MAY-2008 21:55:10	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32491	No
302	GOM_NL__2PRFIN20080517_215748_000000482068_00373_32491_1046.N1	17-MAY-2008 21:57:48	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32491	No
303	GOM_NL__2PRFIN20080517_215939_000000422068_00373_32491_1047.N1	17-MAY-2008 21:59:39	Straylight	42.000	25	35Lam Sco	1.6200	28000.	84	32491	No
304	GOM_NL__2PRFIN20080517_220154_000000512068_00373_32491_1048.N1	17-MAY-2008 22:01:54	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	32491	No
305	GOM_NL__2PRFIN20080517_220456_000000622068_00373_32491_1049.N1	17-MAY-2008 22:04:56	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	32491	No
306	GOM_NL__2PRFIN20080517_220728_000000442068_00373_32491_1050.N1	17-MAY-2008 22:07:28	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32491	No
307	GOM_NL__2PRFIN20080517_220916_000000372068_00373_32491_1051.N1	17-MAY-2008 22:09:16	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32491	No
308	GOM_NL__2PRFIN20080517_221104_000000392068_00373_32491_1052.N1	17-MAY-2008 22:11:04	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32491	No
309	GOM_NL__2PRFIN20080517_221614_000000422068_00373_32491_1053.N1	17-MAY-2008 22:16:14	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32491	No
310	GOM_NL__2PRFIN20080517_221930_000000352068_00373_32491_1054.N1	17-MAY-2008 22:19:30	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32491	No
311	GOM_NL__2PRFIN20080517_222153_000000392068_00373_32491_1055.N1	17-MAY-2008 22:21:53	Bright	38.500	83		2.3780	11000.	77	32491	No
312	GOM_NL__2PRFIN20080517_222502_000000382068_00373_32491_1056.N1	17-MAY-2008 22:25:02	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	32491	No
313	GOM_NL__2PRFIN20080517_222801_000000342068_00373_32491_1057.N1	17-MAY-2008 22:28:01	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	32491	No
314	GOM_NL__2PRFIN20080517_223333_000000392068_00373_32491_1058.N1	17-MAY-2008 22:33:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32491	No
315	GOM_NL__2PRFIN20080517_223515_000000372068_00373_32491_1059.N1	17-MAY-2008 22:35:15	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32491	No
316	GOM_NL__2PRFIN20080517_223941_000000362068_00373_32491_1060.N1	17-MAY-2008 22:39:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32491	No
317	GOM_NL__2PRFIN20080517_224754_000000352068_00373_32491_1061.N1	17-MAY-2008 22:47:54	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32491	No
318	GOM_NL__2PRFIN20080517_224907_000000362068_00373_32491_1062.N1	17-MAY-2008 22:49:07	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32491	No
319	GOM_NL__2PRFIN20080517_225735_000000472068_00373_32491_1063.N1	17-MAY-2008 22:57:35	Twilight	47.000	58	21Alp And	2.0730	11000.	94	32491	No
320	GOM_NL__2PRFIN20080517_230149_000000432068_00373_32491_1064.N1	17-MAY-2008 23:01:49	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32491	No
321	GOM_NL__2PRFIN20080517_231034_000000442068_00373_32491_1065.N1	17-MAY-2008 23:10:34	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32491	No
322	GOM_NL__2PRFIN20080517_231722_000000502068_00373_32491_1066.N1	17-MAY-2008 23:17:22	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32491	No
323	GOM_NL__2PRFIN20080517_232138_000000562068_00373_32491_1067.N1	17-MAY-2008 23:21:38	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32491	No
324	GOM_NL__2PRFIN20080517_232310_000000522068_00374_32492_1074.N1	17-MAY-2008 23:23:10	Dark	51.500	31	Alp Gru	1.7340	15200.	103	32492	No
325	GOM_NL__2PRFIN20080517_232447_000000392068_00374_32492_1075.N1	17-MAY-2008 23:24:47	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32492	No
326	GOM_NL__2PRFIN20080517_232841_000000412068_00374_32492_1076.N1	17-MAY-2008 23:28:41	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32492	No
327	GOM_NL__2PRFIN20080517_233546_000000422068_00374_32492_1077.N1	17-MAY-2008 23:35:46	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32492	No
328	GOM_NL__2PRFIN20080517_233824_000000522068_00374_32492_1078.N1	17-MAY-2008 23:38:24	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32492	No
329	GOM_NL__2PRFIN20080517_234016_000000452068_00374_32492_1079.N1	17-MAY-2008 23:40:16	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	32492	No
330	GOM_NL__2PRFIN20080517_234231_000000522068_00374_32492_1080.N1	17-MAY-2008 23:42:31	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	32492	No
331	GOM_NL__2PRFIN20080517_234532_000000602068_00374_32492_1081.N1	17-MAY-2008 23:45:32	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	32492	No
332	GOM_NL__2PRFIN20080517_234804_000000442068_00374_32492_1082.N1	17-MAY-2008 23:48:04	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32492	No
333	GOM_NL__2PRFIN20080517_234952_000000372068_00374_32492_1083.N1	17-MAY-2008 23:49:52	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32492	No
334	GOM_NL__2PRFIN20080517_235140_000000392068_00374_32492_1084.N1	17-MAY-2008 23:51:40	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32492	No
335	GOM_NL__2PRFIN20080517_235650_000000422068_00374_32492_1085.N1	17-MAY-2008 23:56:50	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32492	No

3. Quality information per product

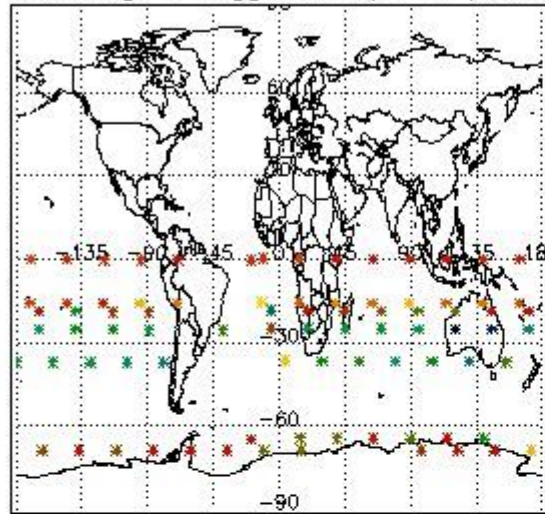
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

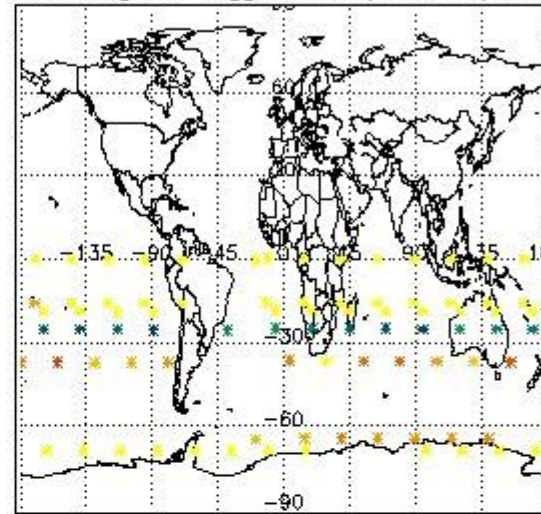


3.2 Plot quality information per product (world map)

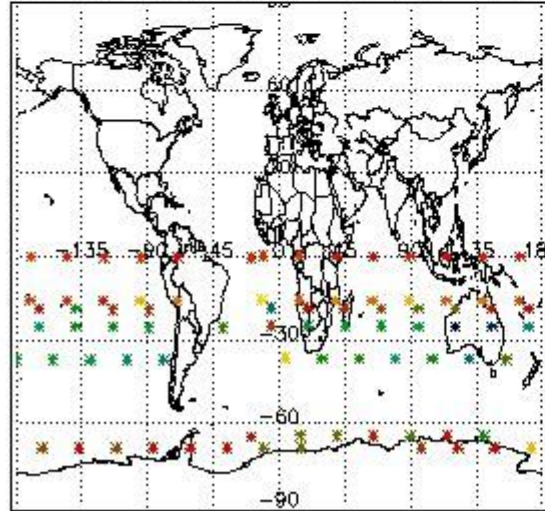
Percentage of flagged data per O3 profile



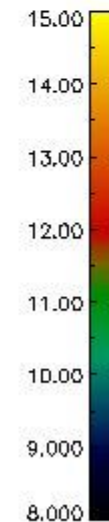
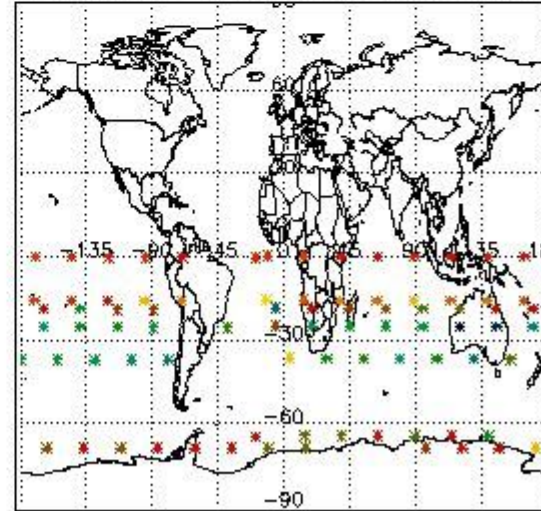
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

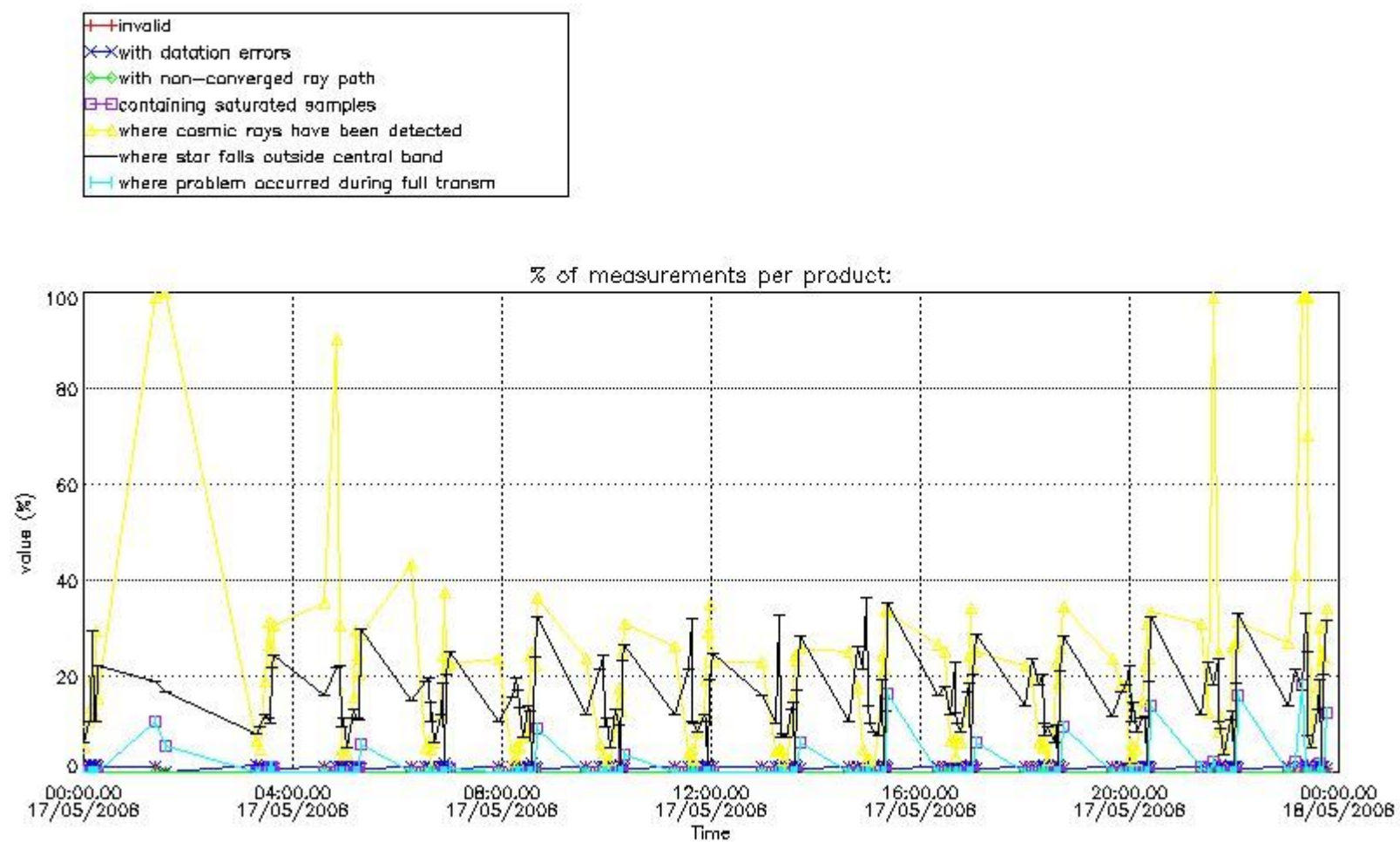


4. Level 1 quality information per product

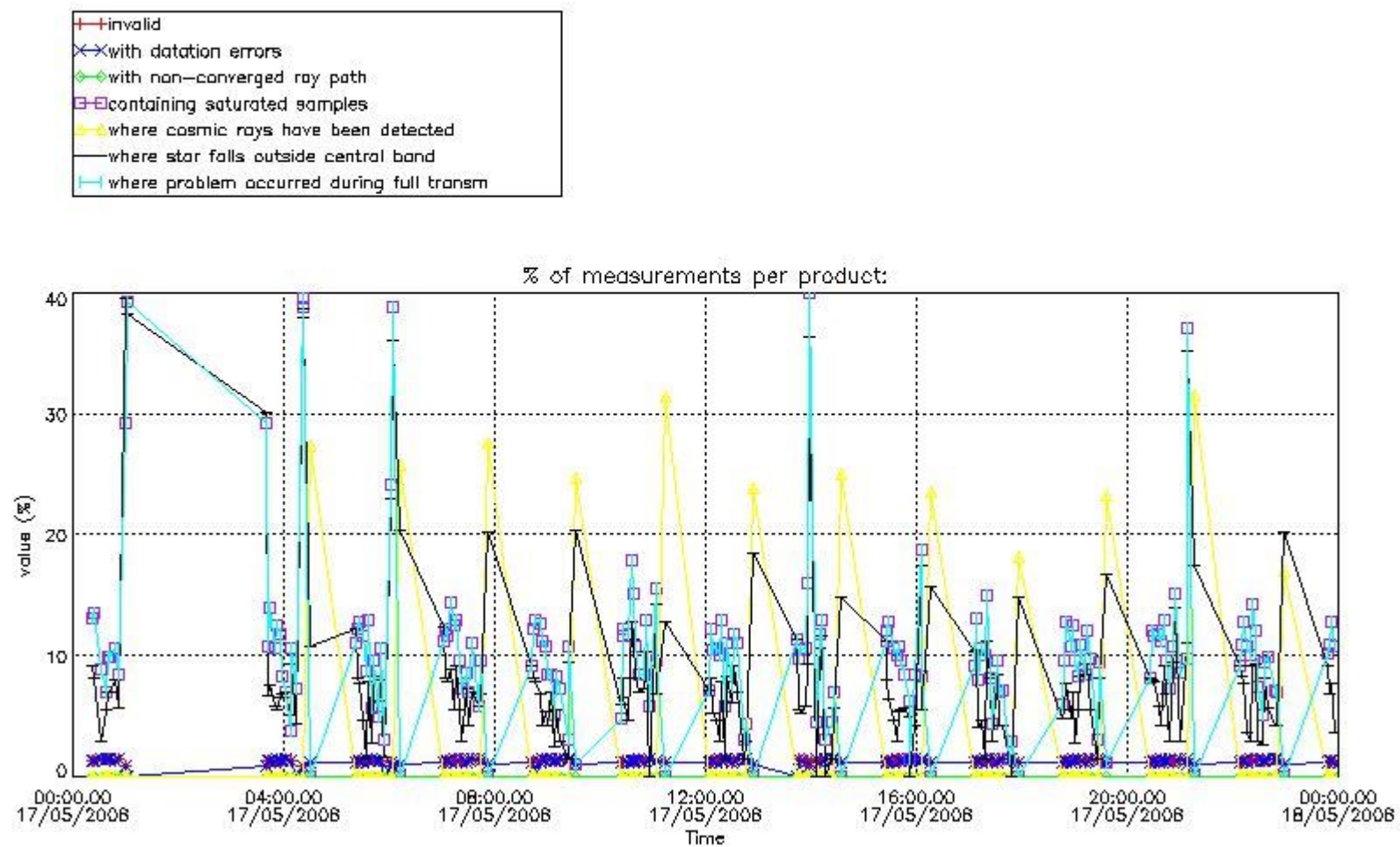
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



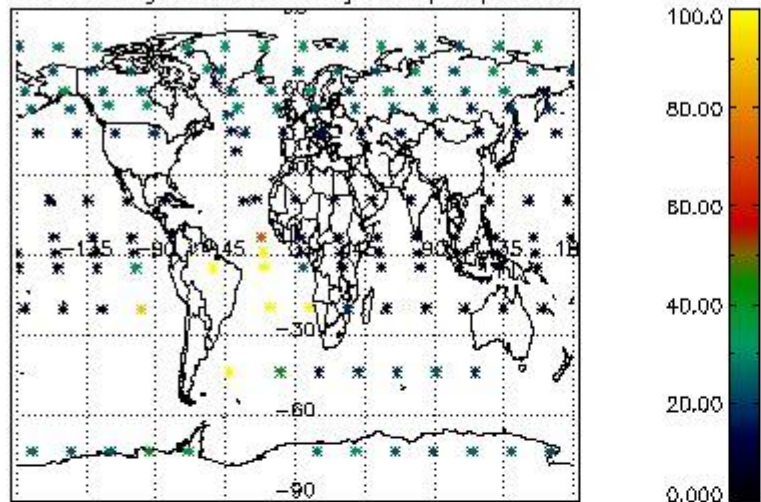
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



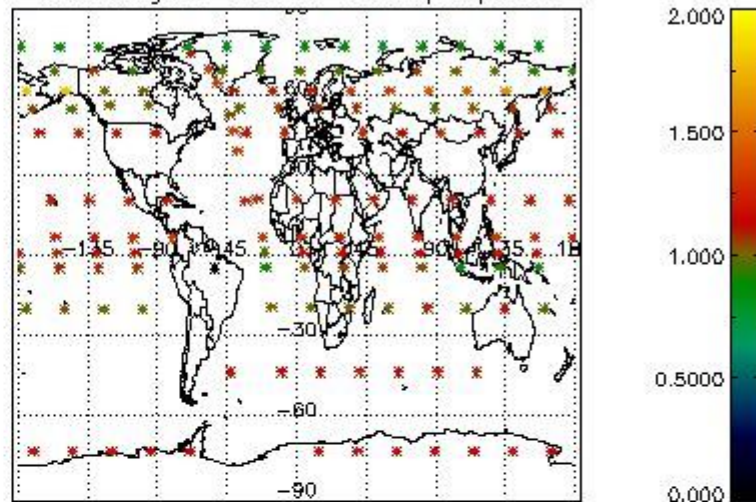
4.2 Plot quality information per product coming from level 1b processing (world map)

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

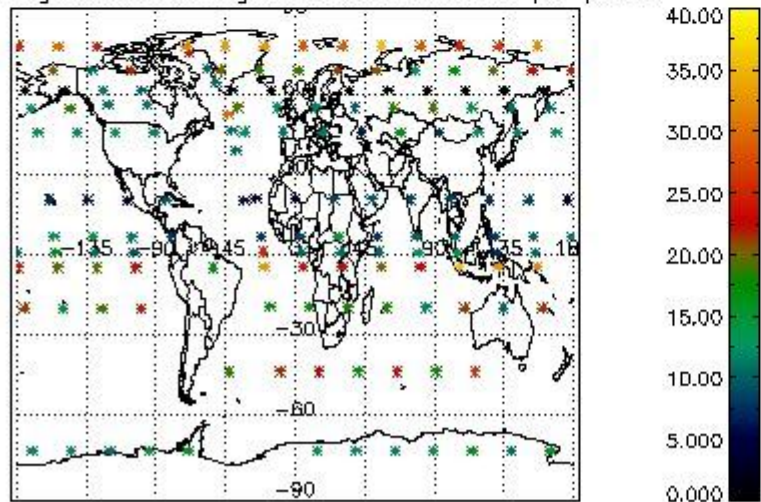
Percentage of cosmic ray hits per profile



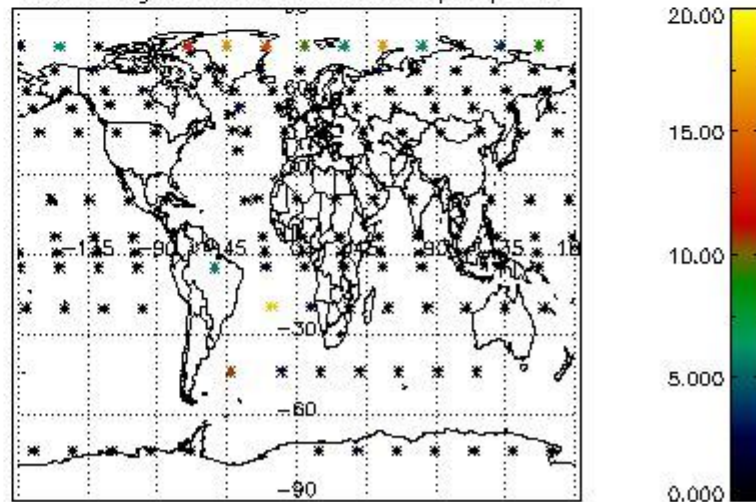
Percentage of datation errors per profile



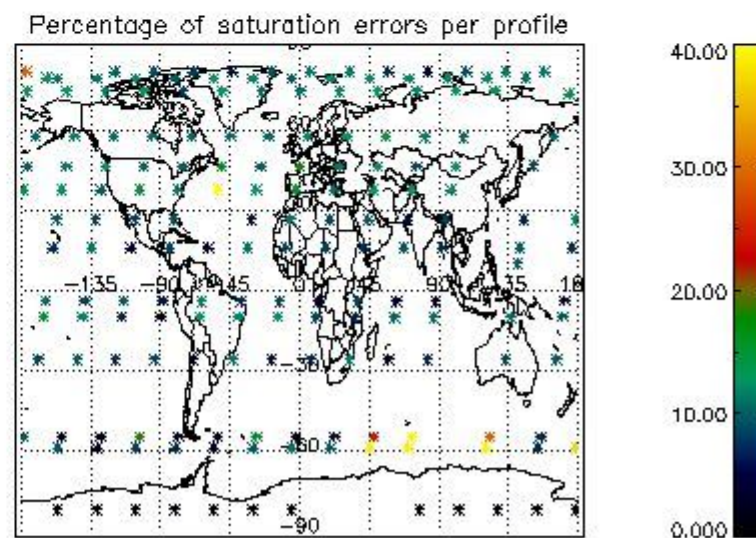
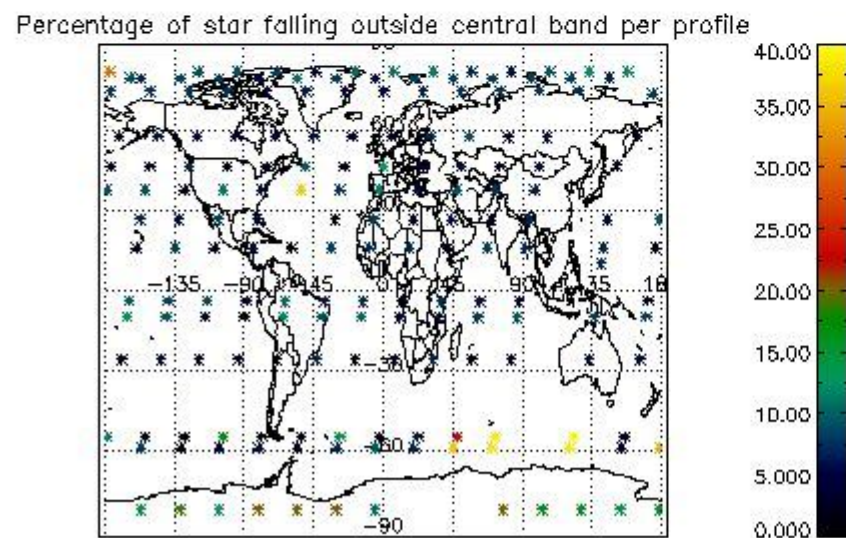
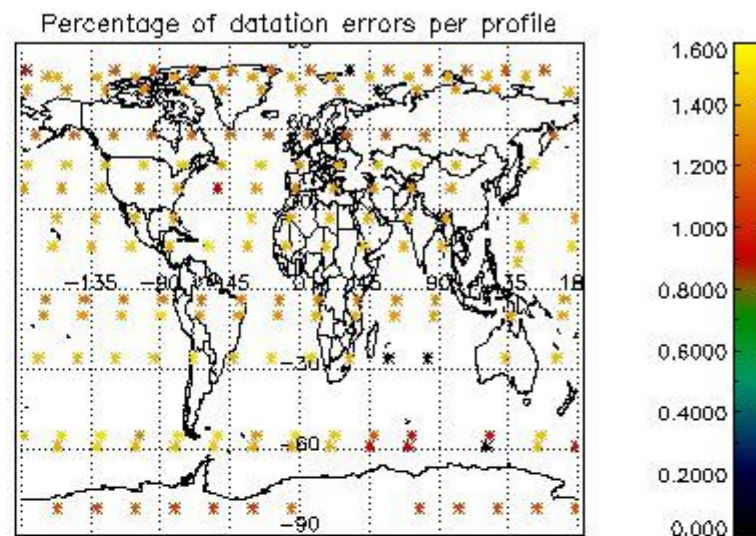
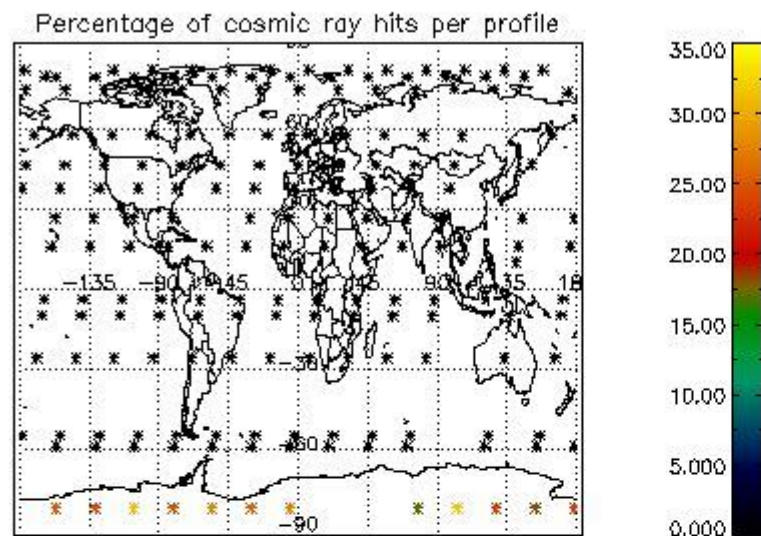
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

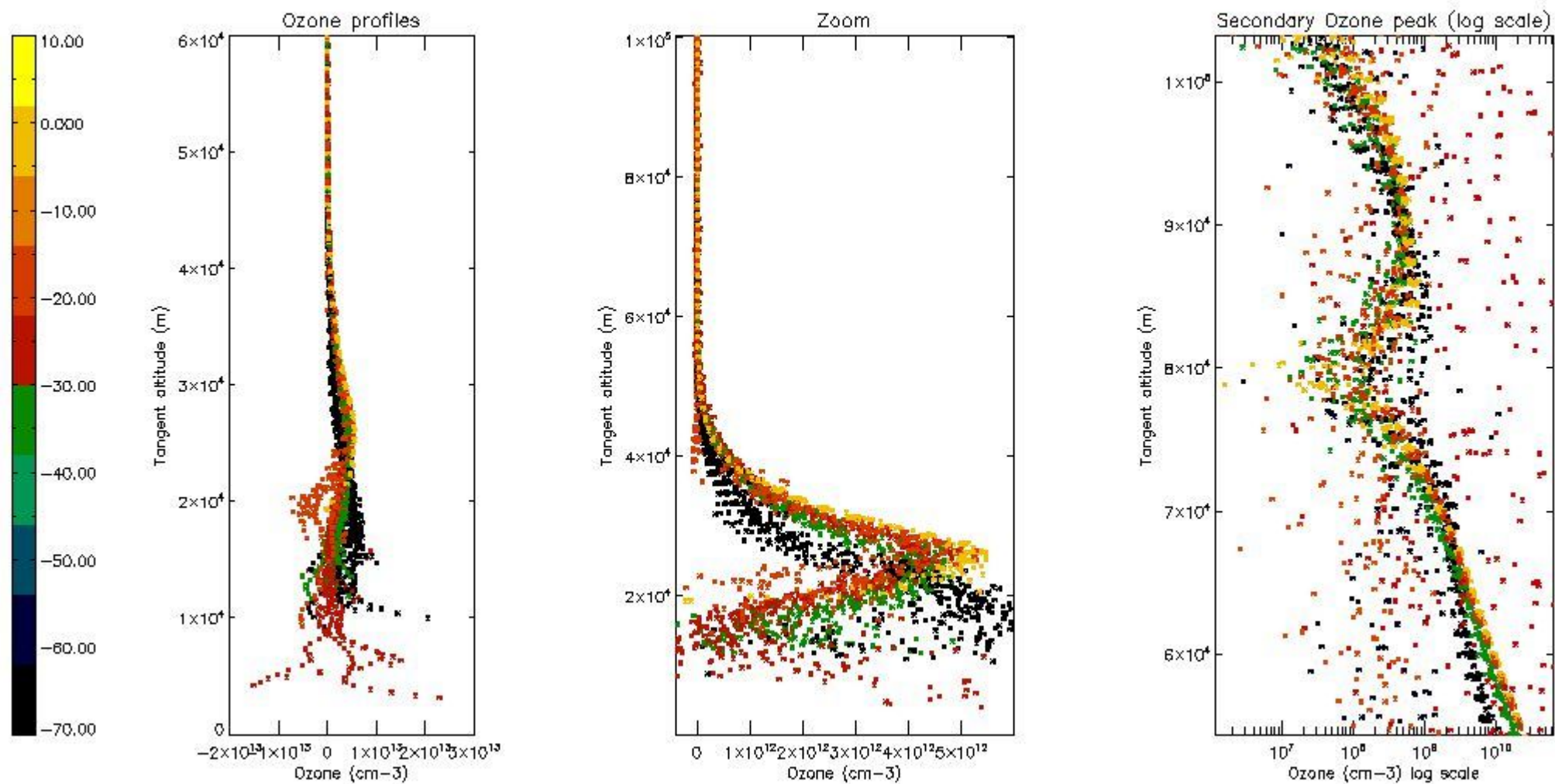
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	11
STD < 5	7

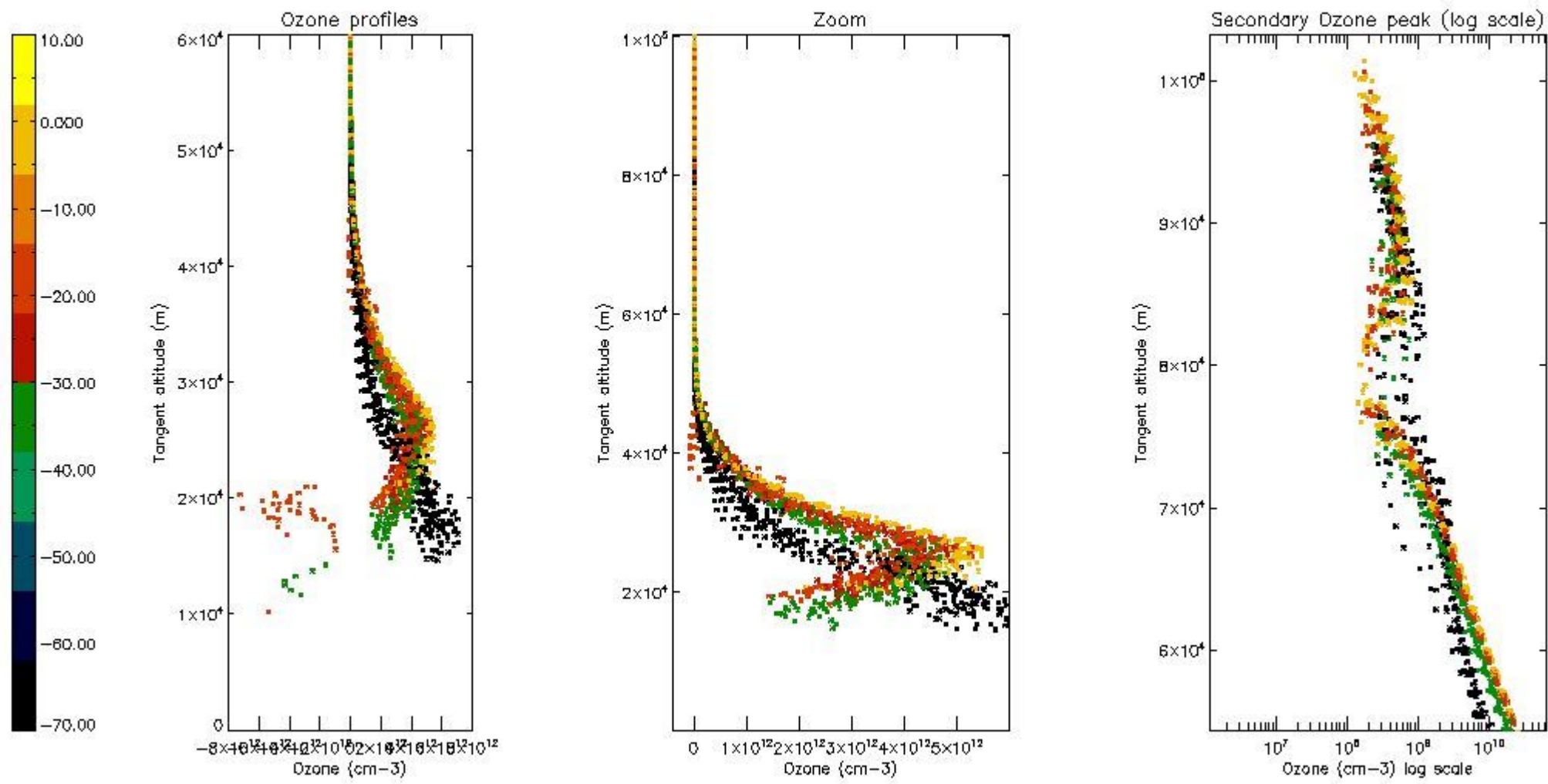
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



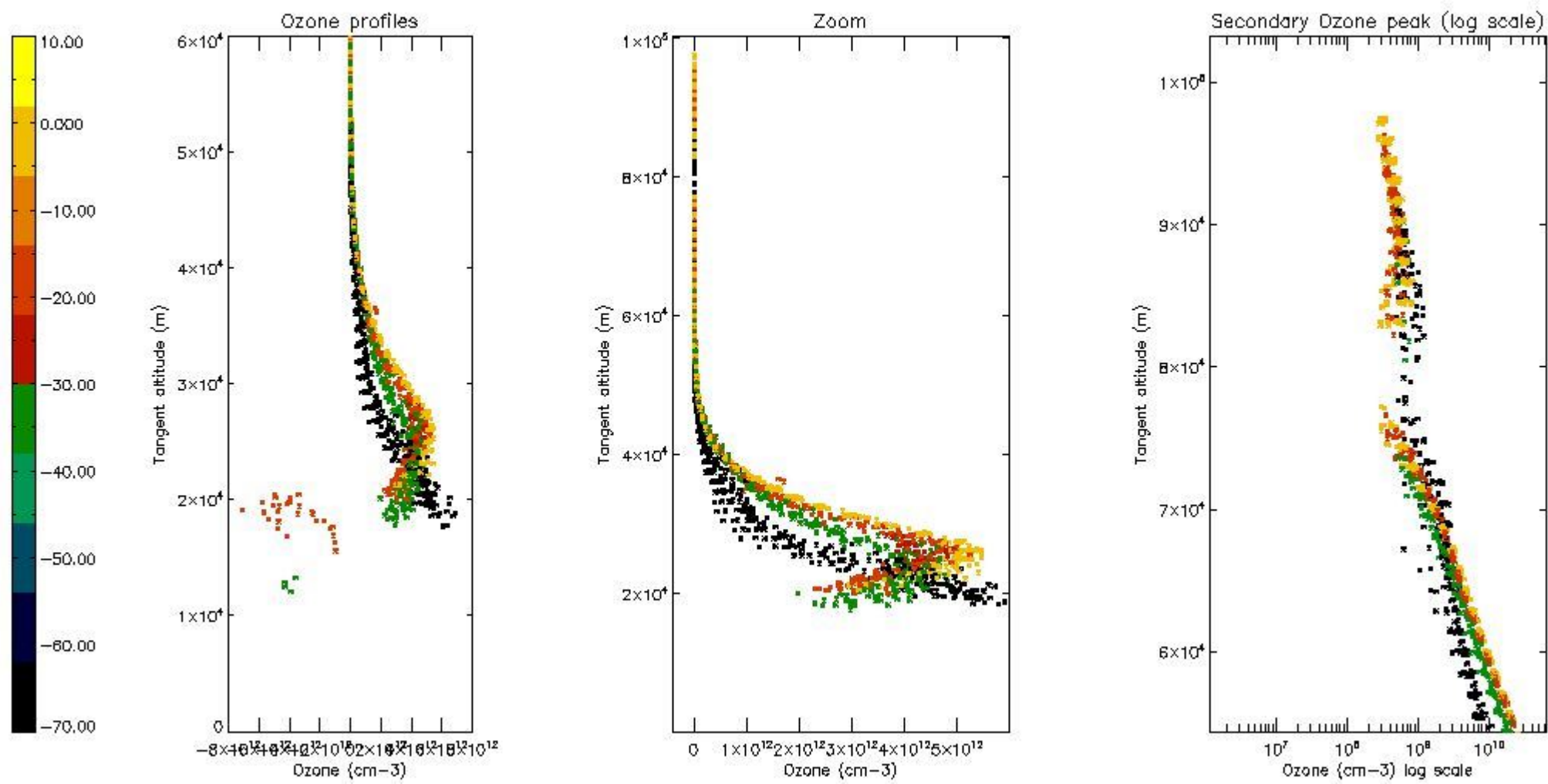
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



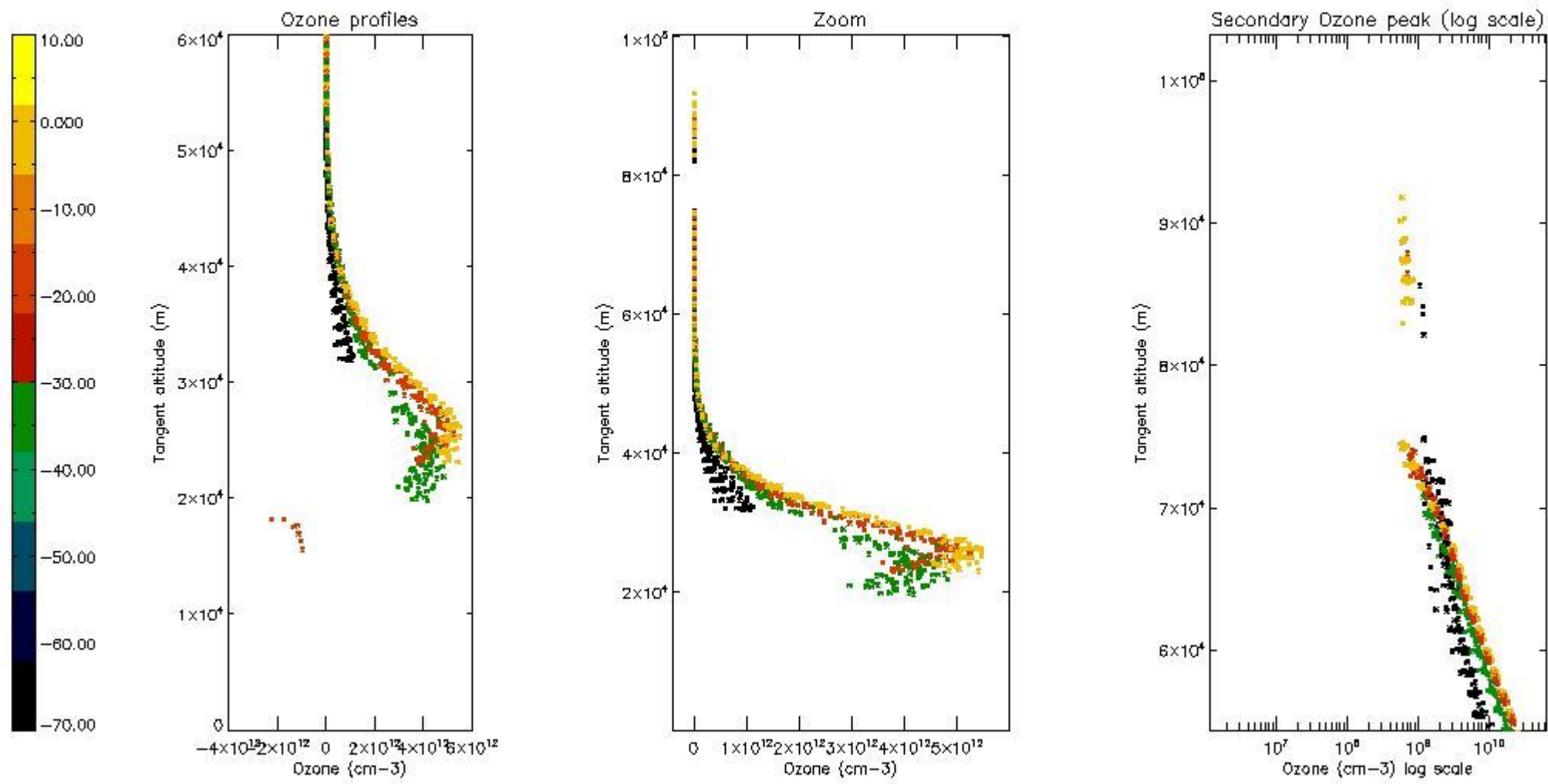
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



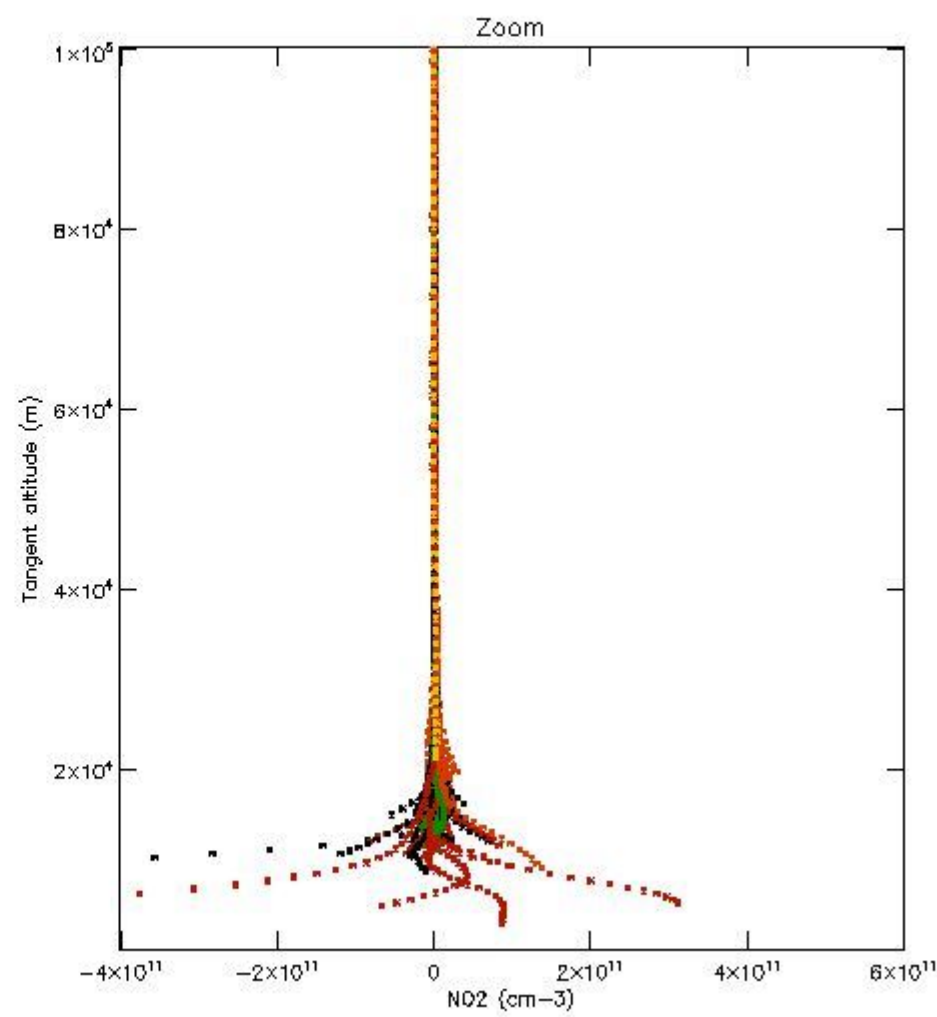
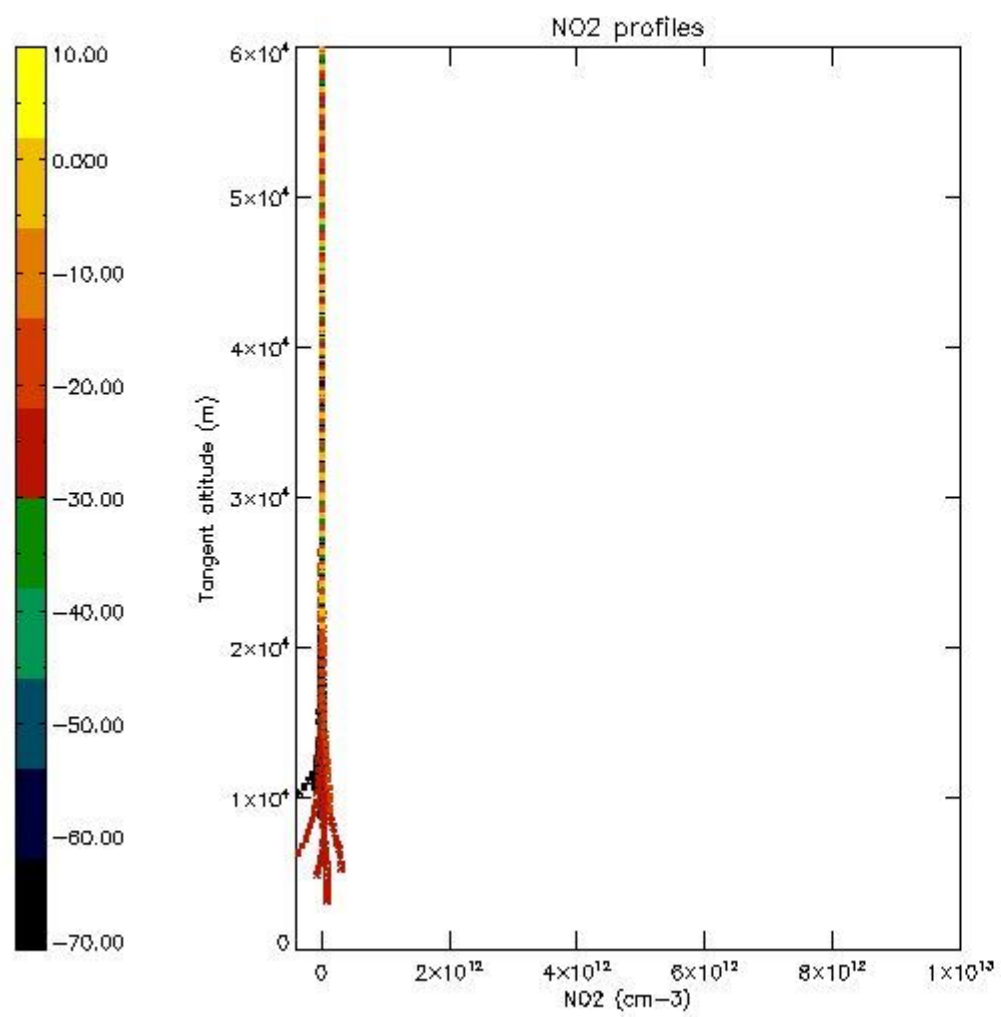
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



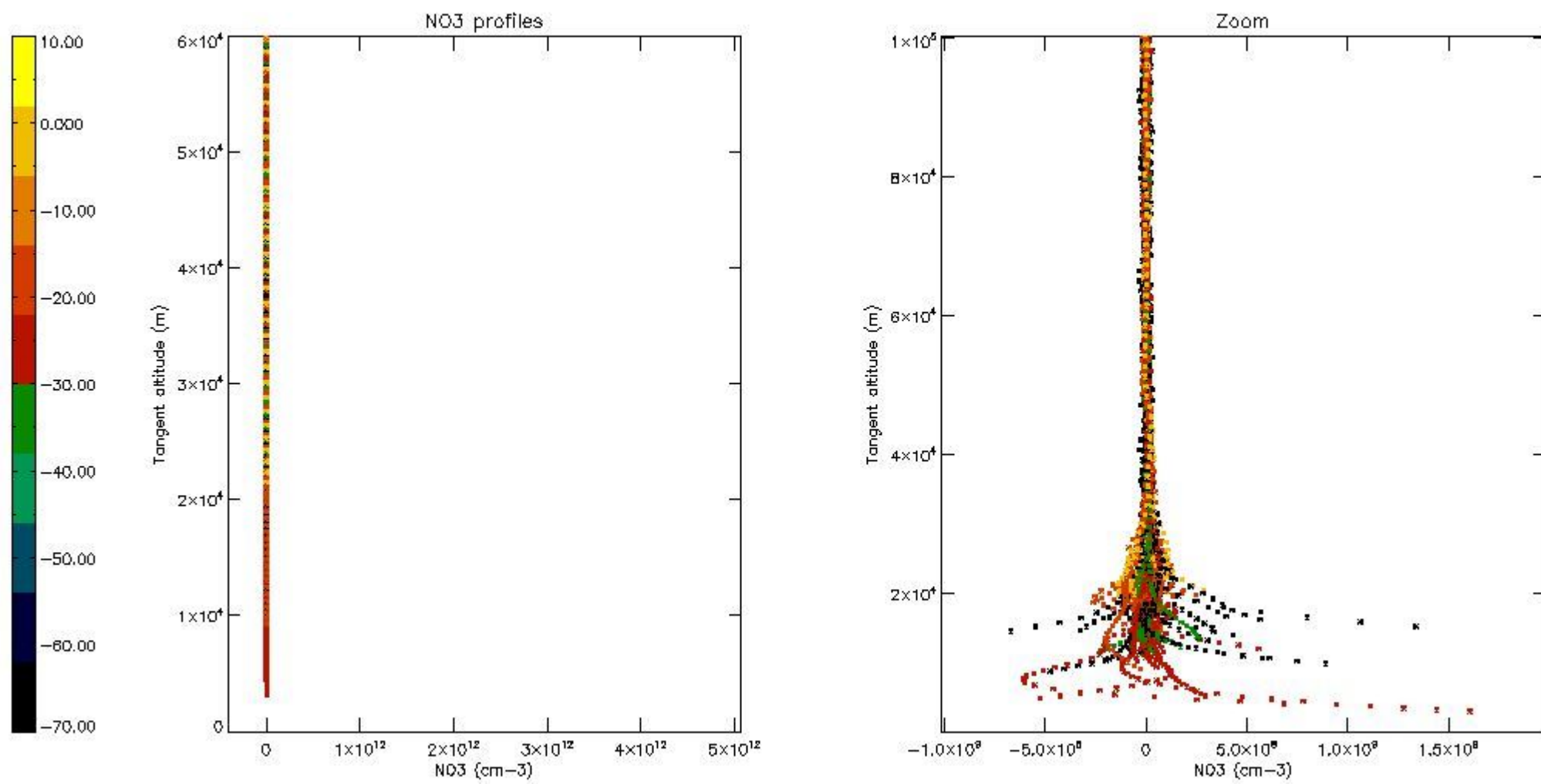
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



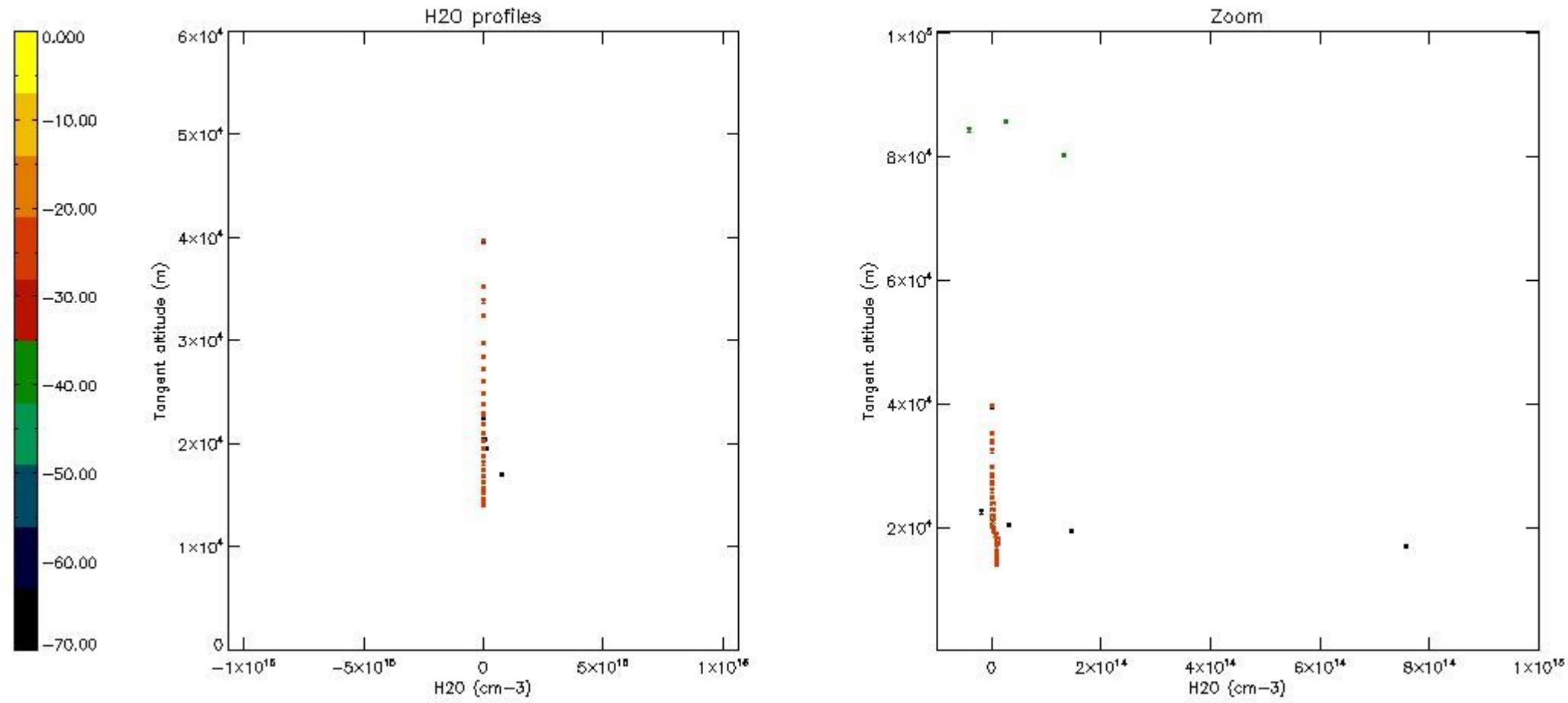
5.7 Plot NO3 profiles for all STD (dark without errors)

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	17-MAY-2008 00:00:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAY-2008 00:00:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAY-2008 00:00:08

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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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	25APR2013 14:20:30
Data source version	GOMOS/6.01
Start time of products	17-05-2008 (17MAY2008 00:00:00)
Stop time of products	18-05-2008 (18MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
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__2PRFIN20080517_000008_00000412068_00360_32478_0844.N1	17-MAY-2008 00:00:08	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32478	No
2	GOM_NL__2PRFIN20080517_000521_000000382068_00360_32478_0845.N1	17-MAY-2008 00:05:21	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32478	No
3	GOM_NL__2PRFIN20080517_000731_000000382068_00360_32478_0846.N1	17-MAY-2008 00:07:31	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32478	No
4	GOM_NL__2PRFIN20080517_000911_000000482068_00360_32478_0847.N1	17-MAY-2008 00:09:11	Straylight	47.500	4	Alp1Cen	-0.010000	5800.0	95	32478	No
5	GOM_NL__2PRFIN20080517_001247_000000382068_00360_32478_0848.N1	17-MAY-2008 00:12:47	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32478	No
6	GOM_NL__2PRFIN20080517_001417_000000382068_00360_32478_0849.N1	17-MAY-2008 00:14:17	Twilight_stray	37.500	81	Eta Cen	2.3560	28000.	75	32478	No
7	GOM_NL__2PRFIN20080517_001612_000000432068_00360_32478_0850.N1	17-MAY-2008 00:16:12	Twilight_stray	43.000	54	5The Cen	2.0550	4500.0	86	32478	No
8	GOM_NL__2PRFIN20080517_002127_000000382068_00360_32478_0851.N1	17-MAY-2008 00:21:27	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32478	No
9	GOM_NL__2PRFIN20080517_002337_000000372068_00360_32478_0852.N1	17-MAY-2008 00:23:37	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32478	No
10	GOM_NL__2PRFIN20080517_003132_000000342068_00360_32478_0853.N1	17-MAY-2008 00:31:32	Bright	34.000	111	8Eta Boo	2.6800	6000.0	68	32478	No
11	GOM_NL__2PRFIN20080517_003716_000000362068_00360_32478_0854.N1	17-MAY-2008 00:37:16	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32478	No
12	GOM_NL__2PRFIN20080517_004013_000000362068_00360_32478_0855.N1	17-MAY-2008 00:40:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32478	No
13	GOM_NL__2PRFIN20080517_004151_000000362068_00360_32478_0856.N1	17-MAY-2008 00:41:51	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32478	No
14	GOM_NL__2PRFIN20080517_004729_000000382068_00360_32478_0857.N1	17-MAY-2008 00:47:29	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32478	No
15	GOM_NL__2PRFIN20080517_005154_000000362068_00360_32478_0858.N1	17-MAY-2008 00:51:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32478	No
16	GOM_NL__2PRFIN20080517_010006_000000532068_00360_32478_0859.N1	17-MAY-2008 01:00:06	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32478	No
17	GOM_NL__2PRFIN20080517_010120_000000542068_00360_32478_0860.N1	17-MAY-2008 01:01:20	Bright	53.500	68	18Alp Cas	2.2250	4500.0	107	32478	No
18	GOM_NL__2PRFIN20080517_012242_000000432068_00360_32478_0861.N1	17-MAY-2008 01:22:42	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32478	No
19	GOM_NL__2PRFIN20080517_013342_000000452068_00360_32478_0862.N1	17-MAY-2008 01:33:42	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	32478	No
20	GOM_NL__2PRFIN20080517_031730_000000382068_00362_32480_0878.N1	17-MAY-2008 03:17:30	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32480	No
21	GOM_NL__2PRFIN20080517_032122_000000422068_00362_32480_0879.N1	17-MAY-2008 03:21:22	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32480	No
22	GOM_NL__2PRFIN20080517_032829_000000422068_00362_32480_0880.N1	17-MAY-2008 03:28:29	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32480	No
23	GOM_NL__2PRFIN20080517_033129_000000502068_00362_32480_0881.N1	17-MAY-2008 03:31:29	Straylight	49.500	178	lot1Sco	3.0220	6550.0	99	32480	No
24	GOM_NL__2PRFIN20080517_033300_000000492068_00362_32480_0882.N1	17-MAY-2008 03:33:00	Straylight	49.000	115	34Ups Sco	2.6960	26000.	98	32480	No
25	GOM_NL__2PRFIN20080517_033514_000000532068_00362_32480_0883.N1	17-MAY-2008 03:35:14	Twilight_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	32480	No
26	GOM_NL__2PRFIN20080517_033817_000000562068_00362_32480_0884.N1	17-MAY-2008 03:38:17	Twilight_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	32480	No
27	GOM_NL__2PRFIN20080517_034051_000000572068_00362_32480_0885.N1	17-MAY-2008 03:40:51	Bright	56.500	97	8Bet1Sco	2.5610	30000.	113	32480	No
28	GOM_NL__2PRFIN20080517_034239_000000372068_00362_32480_0886.N1	17-MAY-2008 03:42:39	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32480	No
29	GOM_NL__2PRFIN20080517_034429_000000402068_00362_32480_0887.N1	17-MAY-2008 03:44:29	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	32480	No
30	GOM_NL__2PRFIN20080517_034942_000000432068_00362_32480_0888.N1	17-MAY-2008 03:49:42	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32480	No
31	GOM_NL__2PRFIN20080517_035254_000000362068_00362_32480_0889.N1	17-MAY-2008 03:52:54	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32480	No
32	GOM_NL__2PRFIN20080517_035519_000000382068_00362_32480_0890.N1	17-MAY-2008 03:55:19	Bright	38.000	83		2.3780	11000.	76	32480	No
33	GOM_NL__2PRFIN20080517_035828_000000372068_00362_32480_0891.N1	17-MAY-2008 03:58:28	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32480	No
34	GOM_NL__2PRFIN20080517_040125_000000362068_00362_32480_0892.N1	17-MAY-2008 04:01:25	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32480	No
35	GOM_NL__2PRFIN20080517_040703_000000402068_00362_32480_0893.N1	17-MAY-2008 04:07:03	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32480	No
36	GOM_NL__2PRFIN20080517_040841_000000382068_00362_32480_0894.N1	17-MAY-2008 04:08:41	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32480	No
37	GOM_NL__2PRFIN20080517_041306_000000352068_00362_32480_0895.N1	17-MAY-2008 04:13:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32480	No
38	GOM_NL__2PRFIN20080517_042118_000000532068_00362_32480_0896.N1	17-MAY-2008 04:21:18	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	32480	No
39	GOM_NL__2PRFIN20080517_042231_000000542068_00362_32480_0897.N1	17-MAY-2008 04:22:31	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32480	No
40	GOM_NL__2PRFIN20080517_043058_000000422068_00362_32480_0898.N1	17-MAY-2008 04:30:58	Twilight_stray	42.000	58	21Alp And	2.0730	11000.	84	32480	No
41	GOM_NL__2PRFIN20080517_043510_000000442068_00362_32480_0899.N1	17-MAY-2008 04:35:10	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32480	No
42	GOM_NL__2PRFIN20080517_045038_000000512068_00362_32480_0900.N1	17-MAY-2008 04:50:38	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	32480	No

43	GOM_NL__2PRFIN20080517_045455_000000482068_00362_32480_0901.N1	17-MAY-2008 04:54:55	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32480	No
44	GOM_NL__2PRFIN20080517_045626_000000432068_00363_32481_0894.N1	17-MAY-2008 04:56:26	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32481	No
45	GOM_NL__2PRFIN20080517_045806_000000402068_00363_32481_0895.N1	17-MAY-2008 04:58:06	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32481	No
46	GOM_NL__2PRFIN20080517_050158_000000412068_00363_32481_0896.N1	17-MAY-2008 05:01:58	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32481	No
47	GOM_NL__2PRFIN20080517_050906_000000422068_00363_32481_0897.N1	17-MAY-2008 05:09:06	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32481	No
48	GOM_NL__2PRFIN20080517_051206_000000502068_00363_32481_0898.N1	17-MAY-2008 05:12:06	Straylight	49.500	178	lot1Sco	3.0220	6550.0	99	32481	No
49	GOM_NL__2PRFIN20080517_051337_000000502068_00363_32481_0899.N1	17-MAY-2008 05:13:37	Straylight	49.500	115	34Ups Sco	2.6960	26000.	99	32481	No
50	GOM_NL__2PRFIN20080517_051550_000000472068_00363_32481_0900.N1	17-MAY-2008 05:15:50	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	32481	No
51	GOM_NL__2PRFIN20080517_051853_000000592068_00363_32481_0901.N1	17-MAY-2008 05:18:53	Tw_i_and_stray	59.000	16	21Alp Sco	1.0200	3000.0	118	32481	No
52	GOM_NL__2PRFIN20080517_052127_000000452068_00363_32481_0902.N1	17-MAY-2008 05:21:27	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	32481	No
53	GOM_NL__2PRFIN20080517_052315_000000372068_00363_32481_0903.N1	17-MAY-2008 05:23:15	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32481	No
54	GOM_NL__2PRFIN20080517_052505_000000392068_00363_32481_0904.N1	17-MAY-2008 05:25:05	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32481	No
55	GOM_NL__2PRFIN20080517_053018_000000432068_00363_32481_0905.N1	17-MAY-2008 05:30:18	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	32481	No
56	GOM_NL__2PRFIN20080517_053330_000000352068_00363_32481_0906.N1	17-MAY-2008 05:33:30	Bright	34.500	3	16Alp Boo	-0.050000	4250.0	69	32481	No
57	GOM_NL__2PRFIN20080517_053555_000000392068_00363_32481_0907.N1	17-MAY-2008 05:35:55	Bright	38.500	83		2.3780	11000.	77	32481	No
58	GOM_NL__2PRFIN20080517_053904_000000362068_00363_32481_0908.N1	17-MAY-2008 05:39:04	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32481	No
59	GOM_NL__2PRFIN20080517_054201_000000372068_00363_32481_0909.N1	17-MAY-2008 05:42:01	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32481	No
60	GOM_NL__2PRFIN20080517_054738_000000402068_00363_32481_0910.N1	17-MAY-2008 05:47:38	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32481	No
61	GOM_NL__2PRFIN20080517_054917_000000382068_00363_32481_0911.N1	17-MAY-2008 05:49:17	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32481	No
62	GOM_NL__2PRFIN20080517_055342_000000332068_00363_32481_0912.N1	17-MAY-2008 05:53:42	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	32481	No
63	GOM_NL__2PRFIN20080517_060154_000000442068_00363_32481_0913.N1	17-MAY-2008 06:01:54	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	32481	No
64	GOM_NL__2PRFIN20080517_060307_000000542068_00363_32481_0914.N1	17-MAY-2008 06:03:07	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	32481	No
65	GOM_NL__2PRFIN20080517_061134_000000472068_00363_32481_0915.N1	17-MAY-2008 06:11:34	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	32481	No
66	GOM_NL__2PRFIN20080517_061547_000000442068_00363_32481_0916.N1	17-MAY-2008 06:15:47	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	32481	No
67	GOM_NL__2PRFIN20080517_063115_000000502068_00363_32481_0917.N1	17-MAY-2008 06:31:15	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32481	No
68	GOM_NL__2PRFIN20080517_063532_000000462068_00363_32481_0918.N1	17-MAY-2008 06:35:32	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32481	No
69	GOM_NL__2PRFIN20080517_063703_000000432068_00364_32482_0906.N1	17-MAY-2008 06:37:03	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32482	No
70	GOM_NL__2PRFIN20080517_063843_000000422068_00364_32482_0907.N1	17-MAY-2008 06:38:43	Dark	41.500	148	Alp Tuc	2.8780	4100.0	83	32482	No
71	GOM_NL__2PRFIN20080517_064235_000000412068_00364_32482_0908.N1	17-MAY-2008 06:42:35	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32482	No
72	GOM_NL__2PRFIN20080517_064942_000000422068_00364_32482_0909.N1	17-MAY-2008 06:49:42	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32482	No
73	GOM_NL__2PRFIN20080517_065219_000000512068_00364_32482_0910.N1	17-MAY-2008 06:52:19	Straylight	51.000	40	The Sco	1.8590	7100.0	102	32482	No
74	GOM_NL__2PRFIN20080517_065410_000000282068_00364_32482_0911.N1	17-MAY-2008 06:54:10	Straylight	28.000	25	35Lam Sco	1.6200	28000.	56	32482	No
75	GOM_NL__2PRFIN20080517_065627_000000522068_00364_32482_0912.N1	17-MAY-2008 06:56:27	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32482	No
76	GOM_NL__2PRFIN20080517_065930_000000562068_00364_32482_0913.N1	17-MAY-2008 06:59:30	Tw_i_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	32482	No
77	GOM_NL__2PRFIN20080517_070203_000000452068_00364_32482_0914.N1	17-MAY-2008 07:02:03	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	32482	No
78	GOM_NL__2PRFIN20080517_070351_000000372068_00364_32482_0915.N1	17-MAY-2008 07:03:51	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32482	No
79	GOM_NL__2PRFIN20080517_070541_000000392068_00364_32482_0916.N1	17-MAY-2008 07:05:41	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32482	No
80	GOM_NL__2PRFIN20080517_071053_000000452068_00364_32482_0917.N1	17-MAY-2008 07:10:53	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	32482	No
81	GOM_NL__2PRFIN20080517_071406_000000362068_00364_32482_0918.N1	17-MAY-2008 07:14:06	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32482	No
82	GOM_NL__2PRFIN20080517_071631_000000392068_00364_32482_0919.N1	17-MAY-2008 07:16:31	Bright	38.500	83		2.3780	11000.	77	32482	No
83	GOM_NL__2PRFIN20080517_071940_000000372068_00364_32482_0920.N1	17-MAY-2008 07:19:40	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32482	No
84	GOM_NL__2PRFIN20080517_072237_000000352068_00364_32482_0921.N1	17-MAY-2008 07:22:37	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32482	No
85	GOM_NL__2PRFIN20080517_072814_000000412068_00364_32482_0922.N1	17-MAY-2008 07:28:14	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	32482	No
86	GOM_NL__2PRFIN20080517_072953_000000362068_00364_32482_0923.N1	17-MAY-2008 07:29:53	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32482	No
87	GOM_NL__2PRFIN20080517_073418_000000362068_00364_32482_0924.N1	17-MAY-2008 07:34:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32482	No
88	GOM_NL__2PRFIN20080517_074230_000000352068_00364_32482_0925.N1	17-MAY-2008 07:42:30	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32482	No
89	GOM_NL__2PRFIN20080517_074343_000000372068_00364_32482_0926.N1	17-MAY-2008 07:43:43	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	32482	No
90	GOM_NL__2PRFIN20080517_075211_000000472068_00364_32482_0927.N1	17-MAY-2008 07:52:11	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	32482	No
91	GOM_NL__2PRFIN20080517_075623_000000422068_00364_32482_0928.N1	17-MAY-2008 07:56:23	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32482	No
92	GOM_NL__2PRFIN20080517_081151_000000482068_00364_32482_0929.N1	17-MAY-2008 08:11:51	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	32482	No
93	GOM_NL__2PRFIN20080517_081608_000000462068_00364_32482_0930.N1	17-MAY-2008 08:16:08	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32482	No
94	GOM_NL__2PRFIN20080517_081740_000000472068_00365_32483_0917.N1	17-MAY-2008 08:17:40	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32483	No
95	GOM_NL__2PRFIN20080517_081919_000000412068_00365_32483_0918.N1	17-MAY-2008 08:19:19	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	32483	No
96	GOM_NL__2PRFIN20080517_082312_000000412068_00365_32483_0919.N1	17-MAY-2008 08:23:12	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32483	No
97	GOM_NL__2PRFIN20080517_083018_000000432068_00365_32483_0920.N1	17-MAY-2008 08:30:18	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	32483	No
98	GOM_NL__2PRFIN20080517_083255_000000482068_00365_32483_0921.N1	17-MAY-2008 08:32:55	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32483	No
99	GOM_NL__2PRFIN20080517_083447_000000282068_00365_32483_0922.N1	17-MAY-2008 08:34:47	Straylight	28.000	25	35Lam Sco	1.6200	28000.	56	32483	No
100	GOM_NL__2PRFIN20080517_083703_000000552068_00365_32483_0923.N1	17-MAY-2008 08:37:03	Tw_i_and_stray	54.500	75	26Eps Sco	2.2910	4250.0	109	32483	No
101	GOM_NL__2PRFIN20080517_084006_000000612068_00365_32483_0924.N1	17-MAY-2008 08:40:06	Tw_i_and_stray	60.500	16	21Alp Sco	1.0200	3000.0	121	32483	No

102	GOM_NL__2PRFIN20080517_084239_000000442068_00365_32483_0925.N1	17-MAY-2008 08:42:39	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32483	No
103	GOM_NL__2PRFIN20080517_084427_000000372068_00365_32483_0926.N1	17-MAY-2008 08:44:27	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32483	No
104	GOM_NL__2PRFIN20080517_084617_000000392068_00365_32483_0927.N1	17-MAY-2008 08:46:17	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32483	No
105	GOM_NL__2PRFIN20080517_085129_000000442068_00365_32483_0928.N1	17-MAY-2008 08:51:29	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	32483	No
106	GOM_NL__2PRFIN20080517_085442_000000362068_00365_32483_0929.N1	17-MAY-2008 08:54:42	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32483	No
107	GOM_NL__2PRFIN20080517_085707_000000372068_00365_32483_0930.N1	17-MAY-2008 08:57:07	Bright	37.000	83		2.3780	11000.	74	32483	No
108	GOM_NL__2PRFIN20080517_090016_000000362068_00365_32483_0931.N1	17-MAY-2008 09:00:16	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	32483	No
109	GOM_NL__2PRFIN20080517_090313_000000362068_00365_32483_0932.N1	17-MAY-2008 09:03:13	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32483	No
110	GOM_NL__2PRFIN20080517_090849_000000402068_00365_32483_0933.N1	17-MAY-2008 09:08:49	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32483	No
111	GOM_NL__2PRFIN20080517_091028_000000372068_00365_32483_0934.N1	17-MAY-2008 09:10:28	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32483	No
112	GOM_NL__2PRFIN20080517_091454_000000352068_00365_32483_0935.N1	17-MAY-2008 09:14:54	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	32483	No
113	GOM_NL__2PRFIN20080517_092306_000000342068_00365_32483_0936.N1	17-MAY-2008 09:23:06	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32483	No
114	GOM_NL__2PRFIN20080517_092419_000000372068_00365_32483_0937.N1	17-MAY-2008 09:24:19	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	32483	No
115	GOM_NL__2PRFIN20080517_093247_000000472068_00365_32483_0938.N1	17-MAY-2008 09:32:47	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	32483	No
116	GOM_NL__2PRFIN20080517_093659_000000422068_00365_32483_0939.N1	17-MAY-2008 09:36:59	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32483	No
117	GOM_NL__2PRFIN20080517_095228_000000522068_00365_32483_0940.N1	17-MAY-2008 09:52:28	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	32483	No
118	GOM_NL__2PRFIN20080517_095645_000000492068_00365_32483_0941.N1	17-MAY-2008 09:56:45	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32483	No
119	GOM_NL__2PRFIN20080517_095817_000000432068_00366_32484_0937.N1	17-MAY-2008 09:58:17	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32484	No
120	GOM_NL__2PRFIN20080517_095956_000000402068_00366_32484_0938.N1	17-MAY-2008 09:59:56	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	32484	No
121	GOM_NL__2PRFIN20080517_100348_000000402068_00366_32484_0939.N1	17-MAY-2008 10:03:48	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32484	No
122	GOM_NL__2PRFIN20080517_101055_000000422068_00366_32484_0940.N1	17-MAY-2008 10:10:55	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32484	No
123	GOM_NL__2PRFIN20080517_101332_000000462068_00366_32484_0941.N1	17-MAY-2008 10:13:32	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32484	No
124	GOM_NL__2PRFIN20080517_101524_000000312068_00366_32484_0942.N1	17-MAY-2008 10:15:24	Straylight	31.000	25	35Lam Sco	1.6200	28000.	62	32484	No
125	GOM_NL__2PRFIN20080517_101740_000000542068_00366_32484_0943.N1	17-MAY-2008 10:17:40	Tw_i_and_stray	53.500	75	26Eps Sco	2.2910	4250.0	107	32484	No
126	GOM_NL__2PRFIN20080517_102042_000000572068_00366_32484_0944.N1	17-MAY-2008 10:20:42	Tw_i_and_stray	56.500	16	21Alp Sco	1.0200	3000.0	113	32484	No
127	GOM_NL__2PRFIN20080517_102315_000000422068_00366_32484_0945.N1	17-MAY-2008 10:23:15	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32484	No
128	GOM_NL__2PRFIN20080517_102503_000000372068_00366_32484_0946.N1	17-MAY-2008 10:25:03	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32484	No
129	GOM_NL__2PRFIN20080517_102652_000000392068_00366_32484_0947.N1	17-MAY-2008 10:26:52	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32484	No
130	GOM_NL__2PRFIN20080517_103205_000000432068_00366_32484_0948.N1	17-MAY-2008 10:32:05	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32484	No
131	GOM_NL__2PRFIN20080517_103518_000000392068_00366_32484_0949.N1	17-MAY-2008 10:35:18	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	32484	No
132	GOM_NL__2PRFIN20080517_103742_000000402068_00366_32484_0950.N1	17-MAY-2008 10:37:42	Bright	39.500	83		2.3780	11000.	79	32484	No
133	GOM_NL__2PRFIN20080517_104051_000000372068_00366_32484_0951.N1	17-MAY-2008 10:40:51	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32484	No
134	GOM_NL__2PRFIN20080517_104349_000000362068_00366_32484_0952.N1	17-MAY-2008 10:43:49	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32484	No
135	GOM_NL__2PRFIN20080517_104925_000000422068_00366_32484_0953.N1	17-MAY-2008 10:49:25	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32484	No
136	GOM_NL__2PRFIN20080517_105104_000000392068_00366_32484_0954.N1	17-MAY-2008 10:51:04	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32484	No
137	GOM_NL__2PRFIN20080517_105530_000000342068_00366_32484_0955.N1	17-MAY-2008 10:55:30	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	32484	No
138	GOM_NL__2PRFIN20080517_110342_000000392068_00366_32484_0956.N1	17-MAY-2008 11:03:42	Bright	38.500	76	27Gam Cas	2.3000	30000.	77	32484	No
139	GOM_NL__2PRFIN20080517_110455_000000372068_00366_32484_0957.N1	17-MAY-2008 11:04:55	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	32484	No
140	GOM_NL__2PRFIN20080517_111323_000000432068_00366_32484_0958.N1	17-MAY-2008 11:13:23	Tw_i_and_stray	43.000	58	21Alp And	2.0730	11000.	86	32484	No
141	GOM_NL__2PRFIN20080517_111735_000000422068_00366_32484_0959.N1	17-MAY-2008 11:17:35	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32484	No
142	GOM_NL__2PRFIN20080517_113305_000000522068_00366_32484_0960.N1	17-MAY-2008 11:33:05	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	32484	No
143	GOM_NL__2PRFIN20080517_113722_000000552068_00366_32484_0961.N1	17-MAY-2008 11:37:22	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	32484	No
144	GOM_NL__2PRFIN20080517_113853_000000432068_00367_32485_0950.N1	17-MAY-2008 11:38:53	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32485	No
145	GOM_NL__2PRFIN20080517_114032_000000402068_00367_32485_0951.N1	17-MAY-2008 11:40:32	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32485	No
146	GOM_NL__2PRFIN20080517_114425_000000422068_00367_32485_0952.N1	17-MAY-2008 11:44:25	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32485	No
147	GOM_NL__2PRFIN20080517_115131_000000422068_00367_32485_0953.N1	17-MAY-2008 11:51:31	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32485	No
148	GOM_NL__2PRFIN20080517_115408_000000472068_00367_32485_0954.N1	17-MAY-2008 11:54:08	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32485	No
149	GOM_NL__2PRFIN20080517_115600_000000312068_00367_32485_0955.N1	17-MAY-2008 11:56:00	Straylight	31.000	25	35Lam Sco	1.6200	28000.	62	32485	No
150	GOM_NL__2PRFIN20080517_115816_000000522068_00367_32485_0956.N1	17-MAY-2008 11:58:16	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32485	No
151	GOM_NL__2PRFIN20080517_120118_000000552068_00367_32485_0957.N1	17-MAY-2008 12:01:18	Tw_i_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	32485	No
152	GOM_NL__2PRFIN20080517_120351_000000432068_00367_32485_0958.N1	17-MAY-2008 12:03:51	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	32485	No
153	GOM_NL__2PRFIN20080517_120539_000000372068_00367_32485_0959.N1	17-MAY-2008 12:05:39	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	32485	No
154	GOM_NL__2PRFIN20080517_120728_000000382068_00367_32485_0960.N1	17-MAY-2008 12:07:28	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32485	No
155	GOM_NL__2PRFIN20080517_121240_000000432068_00367_32485_0961.N1	17-MAY-2008 12:12:40	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32485	No
156	GOM_NL__2PRFIN20080517_121554_000000352068_00367_32485_0962.N1	17-MAY-2008 12:15:54	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32485	No
157	GOM_NL__2PRFIN20080517_121818_000000392068_00367_32485_0963.N1	17-MAY-2008 12:18:18	Bright	38.500	83		2.3780	11000.	77	32485	No
158	GOM_NL__2PRFIN20080517_122127_000000352068_00367_32485_0964.N1	17-MAY-2008 12:21:27	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	32485	No
159	GOM_NL__2PRFIN20080517_122425_000000362068_00367_32485_0965.N1	17-MAY-2008 12:24:25	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32485	No
160	GOM_NL__2PRFIN20080517_123000_000000412068_00367_32485_0966.N1	17-MAY-2008 12:30:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32485	No

161	GOM_NL__2PRFIN20080517_123140_000000382068_00367_32485_0967.N1	17-MAY-2008 12:31:40	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32485	No
162	GOM_NL__2PRFIN20080517_123606_000000362068_00367_32485_0968.N1	17-MAY-2008 12:36:06	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32485	No
163	GOM_NL__2PRFIN20080517_124418_000000342068_00367_32485_0969.N1	17-MAY-2008 12:44:18	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32485	No
164	GOM_NL__2PRFIN20080517_124531_000000352068_00367_32485_0970.N1	17-MAY-2008 12:45:31	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32485	No
165	GOM_NL__2PRFIN20080517_125359_000000462068_00367_32485_0971.N1	17-MAY-2008 12:53:59	Tw_i_and_stray	46.000	58	21Alp And	2.0730	11000.	92	32485	No
166	GOM_NL__2PRFIN20080517_125812_000000442068_00367_32485_0972.N1	17-MAY-2008 12:58:12	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	32485	No
167	GOM_NL__2PRFIN20080517_131342_000000452068_00367_32485_0973.N1	17-MAY-2008 13:13:42	Dark	44.500	18	24Alp PsA	1.1660	9700.0	89	32485	No
168	GOM_NL__2PRFIN20080517_131758_000000552068_00367_32485_0974.N1	17-MAY-2008 13:17:58	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	32485	No
169	GOM_NL__2PRFIN20080517_131930_000000422068_00368_32486_0963.N1	17-MAY-2008 13:19:30	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32486	No
170	GOM_NL__2PRFIN20080517_132108_000000382068_00368_32486_0964.N1	17-MAY-2008 13:21:08	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32486	No
171	GOM_NL__2PRFIN20080517_132501_000000412068_00368_32486_0965.N1	17-MAY-2008 13:25:01	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32486	No
172	GOM_NL__2PRFIN20080517_133208_000000422068_00368_32486_0966.N1	17-MAY-2008 13:32:08	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32486	No
173	GOM_NL__2PRFIN20080517_133445_000000492068_00368_32486_0967.N1	17-MAY-2008 13:34:45	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32486	No
174	GOM_NL__2PRFIN20080517_133637_000000352068_00368_32486_0968.N1	17-MAY-2008 13:36:37	Straylight	35.000	25	35Lam Sco	1.6200	28000.	70	32486	No
175	GOM_NL__2PRFIN20080517_133852_000000502068_00368_32486_0969.N1	17-MAY-2008 13:38:52	Tw_i_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	32486	No
176	GOM_NL__2PRFIN20080517_134154_000000582068_00368_32486_0970.N1	17-MAY-2008 13:41:54	Tw_i_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	32486	No
177	GOM_NL__2PRFIN20080517_134427_000000442068_00368_32486_0971.N1	17-MAY-2008 13:44:27	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32486	No
178	GOM_NL__2PRFIN20080517_134615_000000362068_00368_32486_0972.N1	17-MAY-2008 13:46:15	Bright	36.000	122	9Alp2Lib	2.7470	9700.0	72	32486	No
179	GOM_NL__2PRFIN20080517_134804_000000382068_00368_32486_0973.N1	17-MAY-2008 13:48:04	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	32486	No
180	GOM_NL__2PRFIN20080517_135316_000000432068_00368_32486_0974.N1	17-MAY-2008 13:53:16	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32486	No
181	GOM_NL__2PRFIN20080517_135630_000000382068_00368_32486_0975.N1	17-MAY-2008 13:56:30	Bright	37.500	3	16Alp Boo	-0.050000	4250.0	75	32486	No
182	GOM_NL__2PRFIN20080517_135854_000000552068_00368_32486_0976.N1	17-MAY-2008 13:58:54	Bright	55.000	83		2.3780	11000.	110	32486	No
183	GOM_NL__2PRFIN20080517_140501_000000332068_00368_32486_0977.N1	17-MAY-2008 14:05:01	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	32486	No
184	GOM_NL__2PRFIN20080517_141035_000000432068_00368_32486_0978.N1	17-MAY-2008 14:10:35	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	32486	No
185	GOM_NL__2PRFIN20080517_141216_000000392068_00368_32486_0979.N1	17-MAY-2008 14:12:16	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32486	No
186	GOM_NL__2PRFIN20080517_141642_000000332068_00368_32486_0980.N1	17-MAY-2008 14:16:42	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32486	No
187	GOM_NL__2PRFIN20080517_142454_000000342068_00368_32486_0981.N1	17-MAY-2008 14:24:54	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32486	No
188	GOM_NL__2PRFIN20080517_142607_000000362068_00368_32486_0982.N1	17-MAY-2008 14:26:07	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32486	No
189	GOM_NL__2PRFIN20080517_143435_000000442068_00368_32486_0983.N1	17-MAY-2008 14:34:35	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	32486	No
190	GOM_NL__2PRFIN20080517_143848_000000422068_00368_32486_0984.N1	17-MAY-2008 14:38:48	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32486	No
191	GOM_NL__2PRFIN20080517_144733_000000462068_00368_32486_0985.N1	17-MAY-2008 14:47:33	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32486	No
192	GOM_NL__2PRFIN20080517_145418_000000522068_00368_32486_0986.N1	17-MAY-2008 14:54:18	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	32486	No
193	GOM_NL__2PRFIN20080517_145835_000000582068_00368_32486_0987.N1	17-MAY-2008 14:58:35	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	32486	No
194	GOM_NL__2PRFIN20080517_150006_000000442068_00369_32487_0976.N1	17-MAY-2008 15:00:06	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32487	No
195	GOM_NL__2PRFIN20080517_150145_000000392068_00369_32487_0977.N1	17-MAY-2008 15:01:45	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32487	No
196	GOM_NL__2PRFIN20080517_150538_000000422068_00369_32487_0978.N1	17-MAY-2008 15:05:38	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32487	No
197	GOM_NL__2PRFIN20080517_151244_000000402068_00369_32487_0979.N1	17-MAY-2008 15:12:44	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32487	No
198	GOM_NL__2PRFIN20080517_151521_000000522068_00369_32487_0980.N1	17-MAY-2008 15:15:21	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32487	No
199	GOM_NL__2PRFIN20080517_151713_000000352068_00369_32487_0981.N1	17-MAY-2008 15:17:13	Straylight	35.000	25	35Lam Sco	1.6200	28000.	70	32487	No
200	GOM_NL__2PRFIN20080517_151929_000000482068_00369_32487_0982.N1	17-MAY-2008 15:19:29	Tw_i_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	32487	No
201	GOM_NL__2PRFIN20080517_152231_000000642068_00369_32487_0983.N1	17-MAY-2008 15:22:31	Tw_i_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	32487	No
202	GOM_NL__2PRFIN20080517_152503_000000452068_00369_32487_0984.N1	17-MAY-2008 15:25:03	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	32487	No
203	GOM_NL__2PRFIN20080517_152651_000000382068_00369_32487_0985.N1	17-MAY-2008 15:26:51	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32487	No
204	GOM_NL__2PRFIN20080517_152840_000000392068_00369_32487_0986.N1	17-MAY-2008 15:28:40	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32487	No
205	GOM_NL__2PRFIN20080517_153352_000000432068_00369_32487_0987.N1	17-MAY-2008 15:33:52	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32487	No
206	GOM_NL__2PRFIN20080517_153706_000000352068_00369_32487_0988.N1	17-MAY-2008 15:37:06	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32487	No
207	GOM_NL__2PRFIN20080517_153930_000000372068_00369_32487_0989.N1	17-MAY-2008 15:39:30	Bright	37.000	83		2.3780	11000.	74	32487	No
208	GOM_NL__2PRFIN20080517_154238_000000372068_00369_32487_0990.N1	17-MAY-2008 15:42:38	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32487	No
209	GOM_NL__2PRFIN20080517_154537_000000362068_00369_32487_0991.N1	17-MAY-2008 15:45:37	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	32487	No
210	GOM_NL__2PRFIN20080517_155111_000000402068_00369_32487_0992.N1	17-MAY-2008 15:51:11	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32487	No
211	GOM_NL__2PRFIN20080517_155251_000000342068_00369_32487_0993.N1	17-MAY-2008 15:52:51	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	32487	No
212	GOM_NL__2PRFIN20080517_155718_000000362068_00369_32487_0994.N1	17-MAY-2008 15:57:18	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32487	No
213	GOM_NL__2PRFIN20080517_160530_000000402068_00369_32487_0995.N1	17-MAY-2008 16:05:30	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	32487	No
214	GOM_NL__2PRFIN20080517_160643_000000362068_00369_32487_0996.N1	17-MAY-2008 16:06:43	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	32487	No
215	GOM_NL__2PRFIN20080517_161511_000000452068_00369_32487_0997.N1	17-MAY-2008 16:15:11	Tw_i_and_stray	44.500	58	21Alp And	2.0730	11000.	89	32487	No
216	GOM_NL__2PRFIN20080517_161924_000000442068_00369_32487_0998.N1	17-MAY-2008 16:19:24	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	32487	No
217	GOM_NL__2PRFIN20080517_162809_000000422068_00369_32487_0999.N1	17-MAY-2008 16:28:09	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32487	No
218	GOM_NL__2PRFIN20080517_163455_000000462068_00369_32487_1000.N1	17-MAY-2008 16:34:55	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32487	No
219	GOM_NL__2PRFIN20080517_163911_000000482068_00369_32487_1001.N1	17-MAY-2008 16:39:11	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32487	No

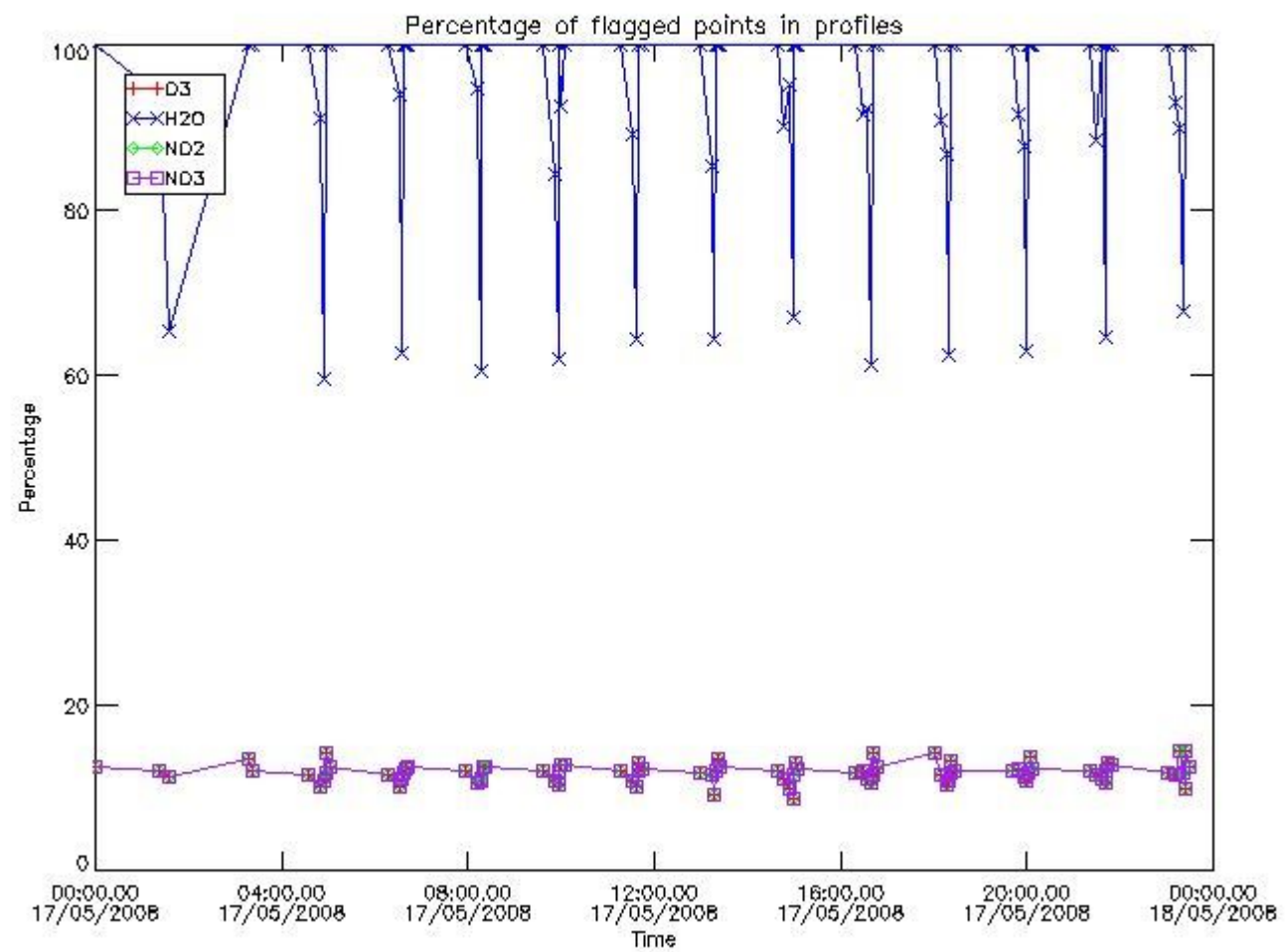
220	GOM_NL__2PRFIN20080517_164043_000000452068_00370_32488_0987.N1	17-MAY-2008 16:40:43	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32488	No
221	GOM_NL__2PRFIN20080517_164221_000000402068_00370_32488_0988.N1	17-MAY-2008 16:42:21	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	32488	No
222	GOM_NL__2PRFIN20080517_164615_000000412068_00370_32488_0989.N1	17-MAY-2008 16:46:15	Dark	41.000	45	Alp Pav	1.9400	26000.	82	32488	No
223	GOM_NL__2PRFIN20080517_165321_000000452068_00370_32488_0990.N1	17-MAY-2008 16:53:21	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	32488	No
224	GOM_NL__2PRFIN20080517_165558_000000522068_00370_32488_0991.N1	17-MAY-2008 16:55:58	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32488	No
225	GOM_NL__2PRFIN20080517_165750_000000382068_00370_32488_0992.N1	17-MAY-2008 16:57:50	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	32488	No
226	GOM_NL__2PRFIN20080517_170005_000000522068_00370_32488_0993.N1	17-MAY-2008 17:00:05	Twilight_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	32488	No
227	GOM_NL__2PRFIN20080517_170307_000000582068_00370_32488_0994.N1	17-MAY-2008 17:03:07	Twilight_and_stray	57.500	16	21Alp Sco	1.0200	3000.0	115	32488	No
228	GOM_NL__2PRFIN20080517_170539_000000442068_00370_32488_0995.N1	17-MAY-2008 17:05:39	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32488	No
229	GOM_NL__2PRFIN20080517_170727_000000382068_00370_32488_0996.N1	17-MAY-2008 17:07:27	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32488	No
230	GOM_NL__2PRFIN20080517_170916_000000382068_00370_32488_0997.N1	17-MAY-2008 17:09:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	32488	No
231	GOM_NL__2PRFIN20080517_171427_000000432068_00370_32488_0998.N1	17-MAY-2008 17:14:27	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32488	No
232	GOM_NL__2PRFIN20080517_171742_000000352068_00370_32488_0999.N1	17-MAY-2008 17:17:42	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32488	No
233	GOM_NL__2PRFIN20080517_172006_000000402068_00370_32488_1000.N1	17-MAY-2008 17:20:06	Bright	40.000	83		2.3780	11000.	80	32488	No
234	GOM_NL__2PRFIN20080517_172314_000000372068_00370_32488_1001.N1	17-MAY-2008 17:23:14	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	32488	No
235	GOM_NL__2PRFIN20080517_172613_000000352068_00370_32488_1002.N1	17-MAY-2008 17:26:13	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32488	No
236	GOM_NL__2PRFIN20080517_173146_000000422068_00370_32488_1003.N1	17-MAY-2008 17:31:46	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32488	No
237	GOM_NL__2PRFIN20080517_173327_000000362068_00370_32488_1004.N1	17-MAY-2008 17:33:27	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32488	No
238	GOM_NL__2PRFIN20080517_173754_000000352068_00370_32488_1005.N1	17-MAY-2008 17:37:54	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32488	No
239	GOM_NL__2PRFIN20080517_174606_000000332068_00370_32488_1006.N1	17-MAY-2008 17:46:06	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	32488	No
240	GOM_NL__2PRFIN20080517_174719_000000342068_00370_32488_1007.N1	17-MAY-2008 17:47:19	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32488	No
241	GOM_NL__2PRFIN20080517_175547_000000442068_00370_32488_1008.N1	17-MAY-2008 17:55:47	Twilight_and_stray	44.000	58	21Alp And	2.0730	11000.	88	32488	No
242	GOM_NL__2PRFIN20080517_180001_000000432068_00370_32488_1009.N1	17-MAY-2008 18:00:01	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32488	No
243	GOM_NL__2PRFIN20080517_180845_000000452068_00370_32488_1010.N1	17-MAY-2008 18:08:45	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32488	No
244	GOM_NL__2PRFIN20080517_181532_000000502068_00370_32488_1011.N1	17-MAY-2008 18:15:32	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32488	No
245	GOM_NL__2PRFIN20080517_181948_000000472068_00370_32488_1012.N1	17-MAY-2008 18:19:48	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32488	No
246	GOM_NL__2PRFIN20080517_182120_000000442068_00371_32489_1010.N1	17-MAY-2008 18:21:20	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32489	No
247	GOM_NL__2PRFIN20080517_182258_000000392068_00371_32489_1011.N1	17-MAY-2008 18:22:58	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32489	No
248	GOM_NL__2PRFIN20080517_182652_000000422068_00371_32489_1012.N1	17-MAY-2008 18:26:52	Dark	42.000	45	Alp Pav	1.9400	26000.	84	32489	No
249	GOM_NL__2PRFIN20080517_183357_000000402068_00371_32489_1013.N1	17-MAY-2008 18:33:57	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	32489	No
250	GOM_NL__2PRFIN20080517_183635_000000462068_00371_32489_1014.N1	17-MAY-2008 18:36:35	Straylight	46.000	40	The Sco	1.8590	7100.0	92	32489	No
251	GOM_NL__2PRFIN20080517_183827_000000382068_00371_32489_1015.N1	17-MAY-2008 18:38:27	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	32489	No
252	GOM_NL__2PRFIN20080517_184042_000000522068_00371_32489_1016.N1	17-MAY-2008 18:40:42	Twilight_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	32489	No
253	GOM_NL__2PRFIN20080517_184343_000000582068_00371_32489_1017.N1	17-MAY-2008 18:43:43	Twilight_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	32489	No
254	GOM_NL__2PRFIN20080517_184616_000000422068_00371_32489_1018.N1	17-MAY-2008 18:46:16	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	32489	No
255	GOM_NL__2PRFIN20080517_184803_000000372068_00371_32489_1019.N1	17-MAY-2008 18:48:03	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32489	No
256	GOM_NL__2PRFIN20080517_184952_000000392068_00371_32489_1020.N1	17-MAY-2008 18:49:52	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32489	No
257	GOM_NL__2PRFIN20080517_185503_000000422068_00371_32489_1021.N1	17-MAY-2008 18:55:03	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32489	No
258	GOM_NL__2PRFIN20080517_185818_000000362068_00371_32489_1022.N1	17-MAY-2008 18:58:18	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	32489	No
259	GOM_NL__2PRFIN20080517_190042_000000372068_00371_32489_1023.N1	17-MAY-2008 19:00:42	Bright	36.500	83		2.3780	11000.	73	32489	No
260	GOM_NL__2PRFIN20080517_190350_000000362068_00371_32489_1024.N1	17-MAY-2008 19:03:50	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	32489	No
261	GOM_NL__2PRFIN20080517_190649_000000372068_00371_32489_1025.N1	17-MAY-2008 19:06:49	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32489	No
262	GOM_NL__2PRFIN20080517_191222_000000422068_00371_32489_1026.N1	17-MAY-2008 19:12:22	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	32489	No
263	GOM_NL__2PRFIN20080517_191403_000000382068_00371_32489_1027.N1	17-MAY-2008 19:14:03	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32489	No
264	GOM_NL__2PRFIN20080517_191830_000000362068_00371_32489_1028.N1	17-MAY-2008 19:18:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32489	No
265	GOM_NL__2PRFIN20080517_192642_000000342068_00371_32489_1029.N1	17-MAY-2008 19:26:42	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	32489	No
266	GOM_NL__2PRFIN20080517_192755_000000372068_00371_32489_1030.N1	17-MAY-2008 19:27:55	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	32489	No
267	GOM_NL__2PRFIN20080517_193623_000000452068_00371_32489_1031.N1	17-MAY-2008 19:36:23	Twilight_and_stray	45.000	58	21Alp And	2.0730	11000.	90	32489	No
268	GOM_NL__2PRFIN20080517_194037_000000432068_00371_32489_1032.N1	17-MAY-2008 19:40:37	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	32489	No
269	GOM_NL__2PRFIN20080517_194922_000000422068_00371_32489_1033.N1	17-MAY-2008 19:49:22	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32489	No
270	GOM_NL__2PRFIN20080517_195609_000000502068_00371_32489_1034.N1	17-MAY-2008 19:56:09	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32489	No
271	GOM_NL__2PRFIN20080517_200025_000000482068_00371_32489_1035.N1	17-MAY-2008 20:00:25	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32489	No
272	GOM_NL__2PRFIN20080517_200157_000000432068_00372_32490_1025.N1	17-MAY-2008 20:01:57	Dark	43.000	31	Alp Gru	1.7340	15200.	86	32490	No
273	GOM_NL__2PRFIN20080517_200334_000000412068_00372_32490_1026.N1	17-MAY-2008 20:03:34	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	32490	No
274	GOM_NL__2PRFIN20080517_200728_000000422068_00372_32490_1027.N1	17-MAY-2008 20:07:28	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32490	No
275	GOM_NL__2PRFIN20080517_201433_000000412068_00372_32490_1028.N1	17-MAY-2008 20:14:33	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32490	No
276	GOM_NL__2PRFIN20080517_201711_000000472068_00372_32490_1029.N1	17-MAY-2008 20:17:11	Straylight	47.000	40	The Sco	1.8590	7100.0	94	32490	No
277	GOM_NL__2PRFIN20080517_201903_000000422068_00372_32490_1030.N1	17-MAY-2008 20:19:03	Straylight	42.000	25	35Lam Sco	1.6200	28000.	84	32490	No
278	GOM_NL__2PRFIN20080517_202118_000000512068_00372_32490_1031.N1	17-MAY-2008 20:21:18	Twilight_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	32490	No

279	GOM_NL__2PRFIN20080517_202419_000000622068_00372_32490_1032.N1	17-MAY-2008 20:24:19	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	32490	No
280	GOM_NL__2PRFIN20080517_202652_000000432068_00372_32490_1033.N1	17-MAY-2008 20:26:52	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	32490	No
281	GOM_NL__2PRFIN20080517_202840_000000382068_00372_32490_1034.N1	17-MAY-2008 20:28:40	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	32490	No
282	GOM_NL__2PRFIN20080517_203029_000000392068_00372_32490_1035.N1	17-MAY-2008 20:30:29	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	32490	No
283	GOM_NL__2PRFIN20080517_203539_000000432068_00372_32490_1036.N1	17-MAY-2008 20:35:39	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	32490	No
284	GOM_NL__2PRFIN20080517_203854_000000362068_00372_32490_1037.N1	17-MAY-2008 20:38:54	Bright	35.500	3	16Alp Boo	-0.050000	4250.0	71	32490	No
285	GOM_NL__2PRFIN20080517_204117_000000392068_00372_32490_1038.N1	17-MAY-2008 20:41:17	Bright	38.500	83		2.3780	11000.	77	32490	No
286	GOM_NL__2PRFIN20080517_204426_000000372068_00372_32490_1039.N1	17-MAY-2008 20:44:26	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	32490	No
287	GOM_NL__2PRFIN20080517_204725_000000352068_00372_32490_1040.N1	17-MAY-2008 20:47:25	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32490	No
288	GOM_NL__2PRFIN20080517_205257_000000422068_00372_32490_1041.N1	17-MAY-2008 20:52:57	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	32490	No
289	GOM_NL__2PRFIN20080517_205439_000000402068_00372_32490_1042.N1	17-MAY-2008 20:54:39	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	32490	No
290	GOM_NL__2PRFIN20080517_205906_000000352068_00372_32490_1043.N1	17-MAY-2008 20:59:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32490	No
291	GOM_NL__2PRFIN20080517_210718_000000362068_00372_32490_1044.N1	17-MAY-2008 21:07:18	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	32490	No
292	GOM_NL__2PRFIN20080517_210831_000000532068_00372_32490_1045.N1	17-MAY-2008 21:08:31	Bright	52.500	68	18Alp Cas	2.2250	4500.0	105	32490	No
293	GOM_NL__2PRFIN20080517_211659_000000462068_00372_32490_1046.N1	17-MAY-2008 21:16:59	Twilight	46.000	58	21Alp And	2.0730	11000.	92	32490	No
294	GOM_NL__2PRFIN20080517_212113_000000422068_00372_32490_1047.N1	17-MAY-2008 21:21:13	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	32490	No
295	GOM_NL__2PRFIN20080517_212958_000000442068_00372_32490_1048.N1	17-MAY-2008 21:29:58	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32490	No
296	GOM_NL__2PRFIN20080517_213646_000000502068_00372_32490_1049.N1	17-MAY-2008 21:36:46	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	32490	No
297	GOM_NL__2PRFIN20080517_214101_000000492068_00372_32490_1050.N1	17-MAY-2008 21:41:01	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32490	No
298	GOM_NL__2PRFIN20080517_214234_000000432068_00373_32491_1042.N1	17-MAY-2008 21:42:34	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32491	No
299	GOM_NL__2PRFIN20080517_214411_000000392068_00373_32491_1043.N1	17-MAY-2008 21:44:11	Dark	39.000	148	Alp Tuc	2.8780	4100.0	78	32491	No
300	GOM_NL__2PRFIN20080517_214805_000000402068_00373_32491_1044.N1	17-MAY-2008 21:48:05	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32491	No
301	GOM_NL__2PRFIN20080517_215510_000000412068_00373_32491_1045.N1	17-MAY-2008 21:55:10	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32491	No
302	GOM_NL__2PRFIN20080517_215748_000000482068_00373_32491_1046.N1	17-MAY-2008 21:57:48	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32491	No
303	GOM_NL__2PRFIN20080517_215939_000000422068_00373_32491_1047.N1	17-MAY-2008 21:59:39	Straylight	42.000	25	35Lam Sco	1.6200	28000.	84	32491	No
304	GOM_NL__2PRFIN20080517_220154_000000512068_00373_32491_1048.N1	17-MAY-2008 22:01:54	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	32491	No
305	GOM_NL__2PRFIN20080517_220456_000000622068_00373_32491_1049.N1	17-MAY-2008 22:04:56	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	32491	No
306	GOM_NL__2PRFIN20080517_220728_000000442068_00373_32491_1050.N1	17-MAY-2008 22:07:28	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	32491	No
307	GOM_NL__2PRFIN20080517_220916_000000372068_00373_32491_1051.N1	17-MAY-2008 22:09:16	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32491	No
308	GOM_NL__2PRFIN20080517_221104_000000392068_00373_32491_1052.N1	17-MAY-2008 22:11:04	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32491	No
309	GOM_NL__2PRFIN20080517_221614_000000422068_00373_32491_1053.N1	17-MAY-2008 22:16:14	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32491	No
310	GOM_NL__2PRFIN20080517_221930_000000352068_00373_32491_1054.N1	17-MAY-2008 22:19:30	Bright	35.000	3	16Alp Boo	-0.050000	4250.0	70	32491	No
311	GOM_NL__2PRFIN20080517_222153_000000392068_00373_32491_1055.N1	17-MAY-2008 22:21:53	Bright	38.500	83		2.3780	11000.	77	32491	No
312	GOM_NL__2PRFIN20080517_222502_000000382068_00373_32491_1056.N1	17-MAY-2008 22:25:02	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	32491	No
313	GOM_NL__2PRFIN20080517_222801_000000342068_00373_32491_1057.N1	17-MAY-2008 22:28:01	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	32491	No
314	GOM_NL__2PRFIN20080517_223333_000000392068_00373_32491_1058.N1	17-MAY-2008 22:33:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32491	No
315	GOM_NL__2PRFIN20080517_223515_000000372068_00373_32491_1059.N1	17-MAY-2008 22:35:15	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32491	No
316	GOM_NL__2PRFIN20080517_223941_000000362068_00373_32491_1060.N1	17-MAY-2008 22:39:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32491	No
317	GOM_NL__2PRFIN20080517_224754_000000352068_00373_32491_1061.N1	17-MAY-2008 22:47:54	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32491	No
318	GOM_NL__2PRFIN20080517_224907_000000362068_00373_32491_1062.N1	17-MAY-2008 22:49:07	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	32491	No
319	GOM_NL__2PRFIN20080517_225735_000000472068_00373_32491_1063.N1	17-MAY-2008 22:57:35	Twilight	47.000	58	21Alp And	2.0730	11000.	94	32491	No
320	GOM_NL__2PRFIN20080517_230149_000000432068_00373_32491_1064.N1	17-MAY-2008 23:01:49	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	32491	No
321	GOM_NL__2PRFIN20080517_231034_000000442068_00373_32491_1065.N1	17-MAY-2008 23:10:34	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	32491	No
322	GOM_NL__2PRFIN20080517_231722_000000502068_00373_32491_1066.N1	17-MAY-2008 23:17:22	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	32491	No
323	GOM_NL__2PRFIN20080517_232138_000000562068_00373_32491_1067.N1	17-MAY-2008 23:21:38	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32491	No
324	GOM_NL__2PRFIN20080517_232310_000000522068_00374_32492_1074.N1	17-MAY-2008 23:23:10	Dark	51.500	31	Alp Gru	1.7340	15200.	103	32492	No
325	GOM_NL__2PRFIN20080517_232447_000000392068_00374_32492_1075.N1	17-MAY-2008 23:24:47	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32492	No
326	GOM_NL__2PRFIN20080517_232841_000000412068_00374_32492_1076.N1	17-MAY-2008 23:28:41	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32492	No
327	GOM_NL__2PRFIN20080517_233546_000000422068_00374_32492_1077.N1	17-MAY-2008 23:35:46	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32492	No
328	GOM_NL__2PRFIN20080517_233824_000000522068_00374_32492_1078.N1	17-MAY-2008 23:38:24	Straylight	51.500	40	The Sco	1.8590	7100.0	103	32492	No
329	GOM_NL__2PRFIN20080517_234016_000000452068_00374_32492_1079.N1	17-MAY-2008 23:40:16	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	32492	No
330	GOM_NL__2PRFIN20080517_234231_000000522068_00374_32492_1080.N1	17-MAY-2008 23:42:31	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	32492	No
331	GOM_NL__2PRFIN20080517_234532_000000602068_00374_32492_1081.N1	17-MAY-2008 23:45:32	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	32492	No
332	GOM_NL__2PRFIN20080517_234804_000000442068_00374_32492_1082.N1	17-MAY-2008 23:48:04	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	32492	No
333	GOM_NL__2PRFIN20080517_234952_000000372068_00374_32492_1083.N1	17-MAY-2008 23:49:52	Bright	36.500	122	9Alp2Lib	2.7470	9700.0	73	32492	No
334	GOM_NL__2PRFIN20080517_235140_000000392068_00374_32492_1084.N1	17-MAY-2008 23:51:40	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	32492	No
335	GOM_NL__2PRFIN20080517_235650_000000422068_00374_32492_1085.N1	17-MAY-2008 23:56:50	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	32492	No

3. Quality information per product

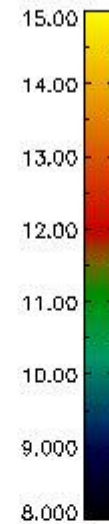
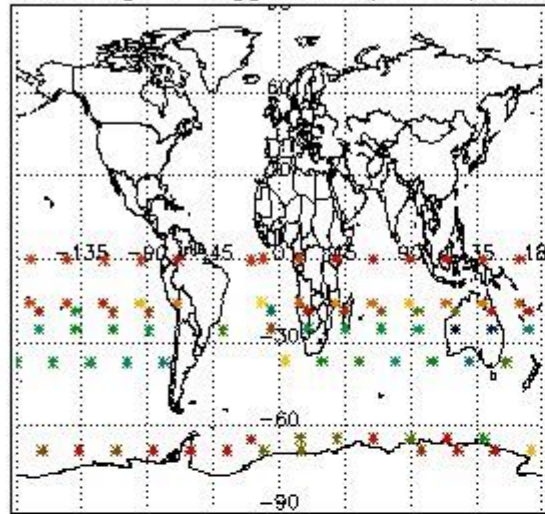
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

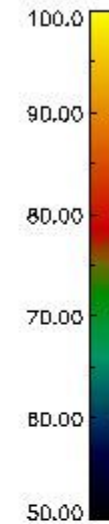
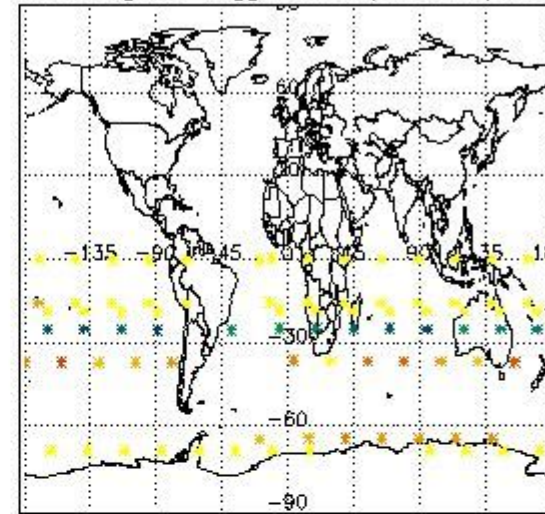


3.2 Plot quality information per product (world map)

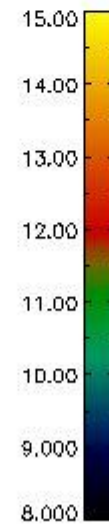
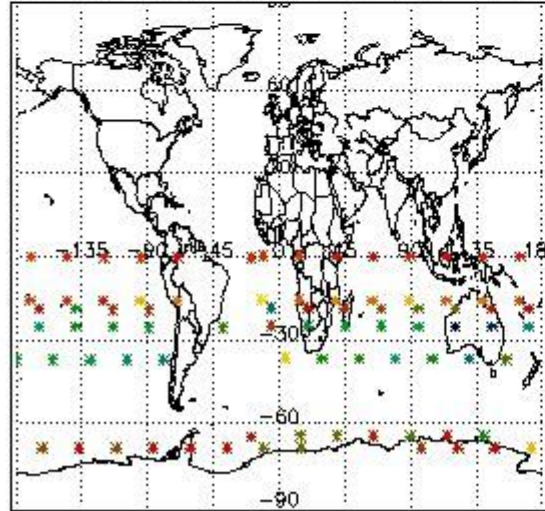
Percentage of flagged data per O3 profile



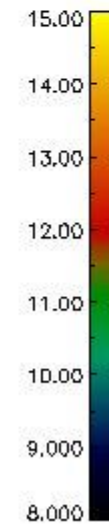
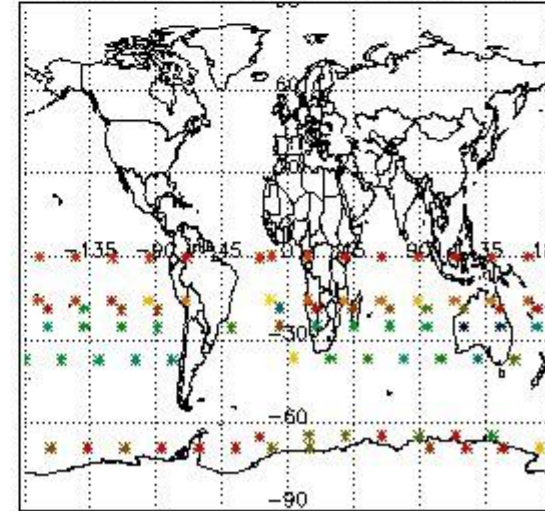
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

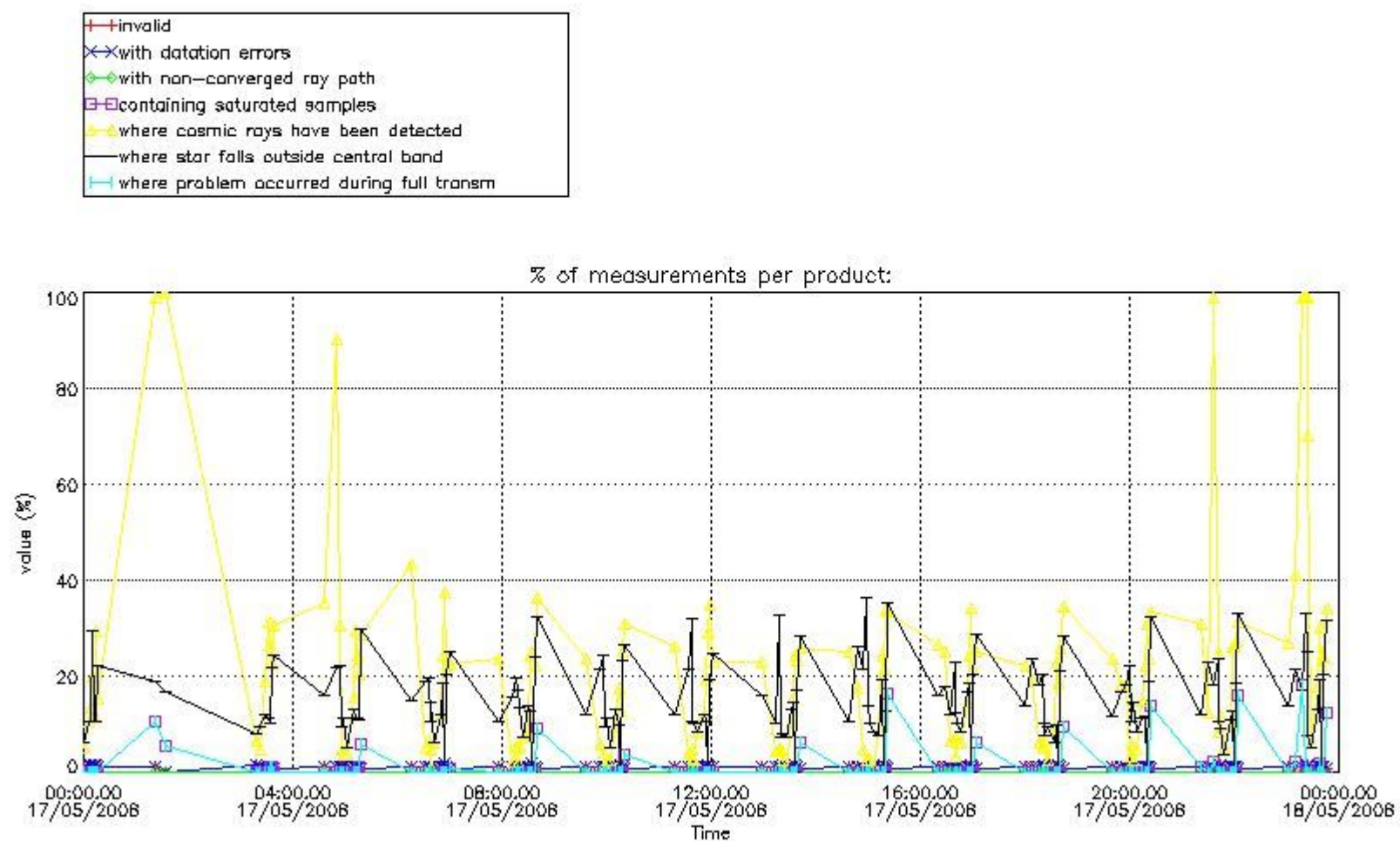


4. Level 1 quality information per product

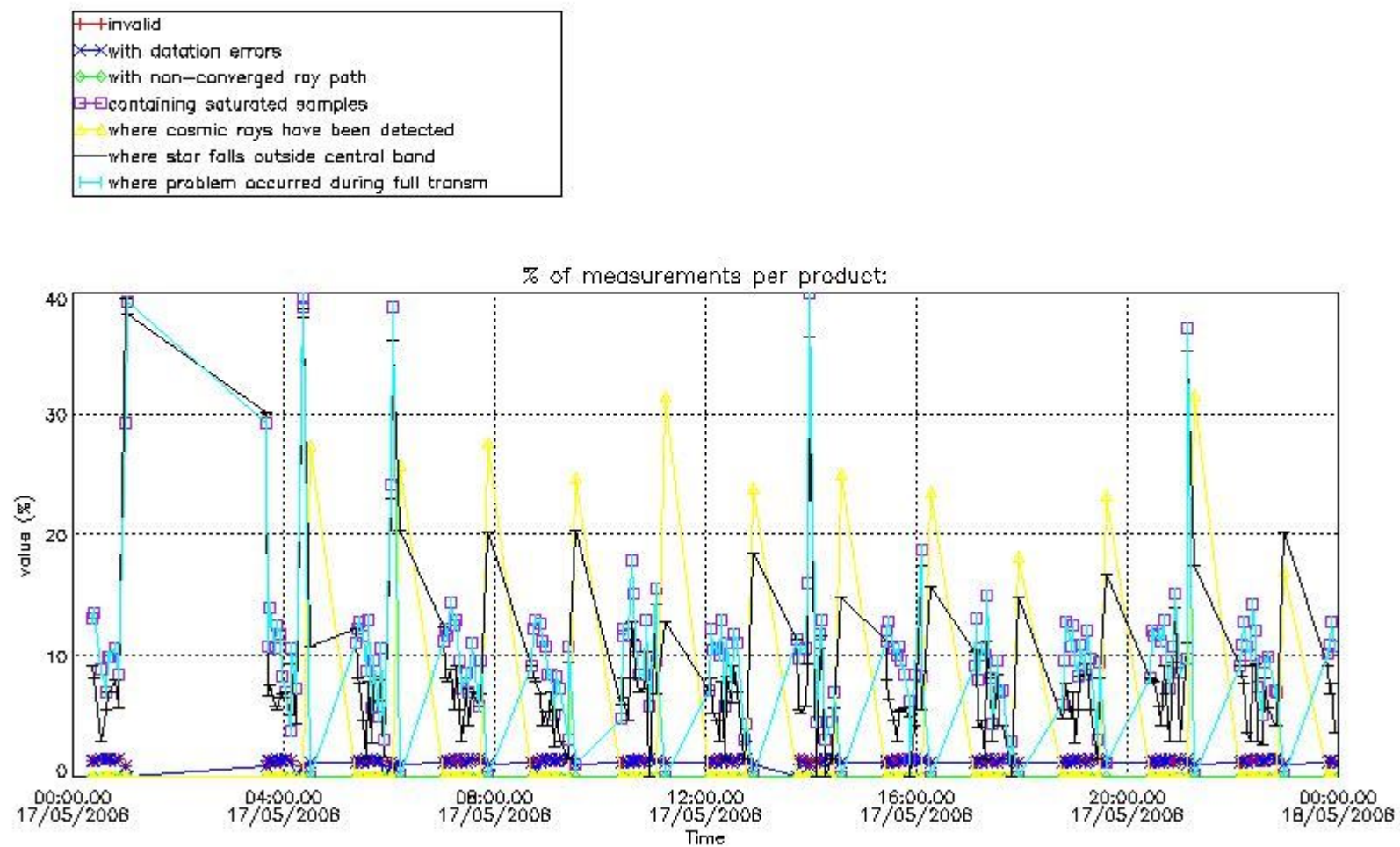
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

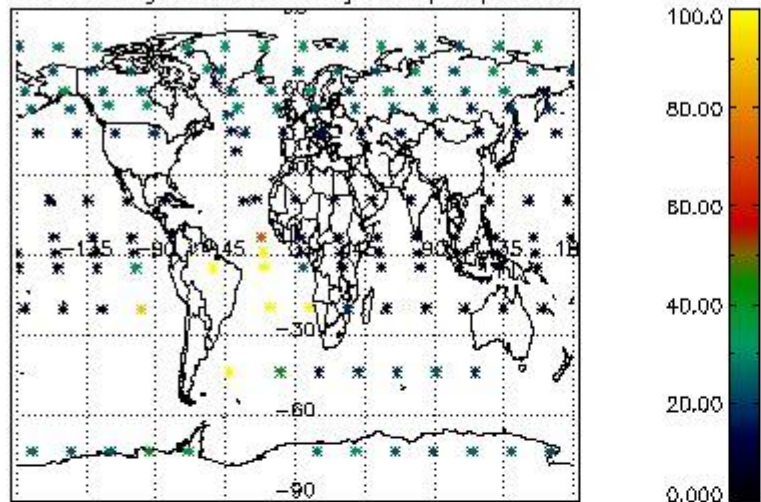


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

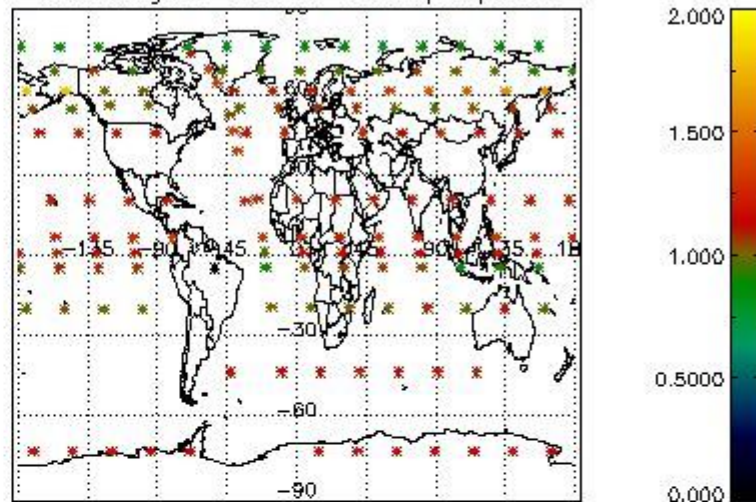


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

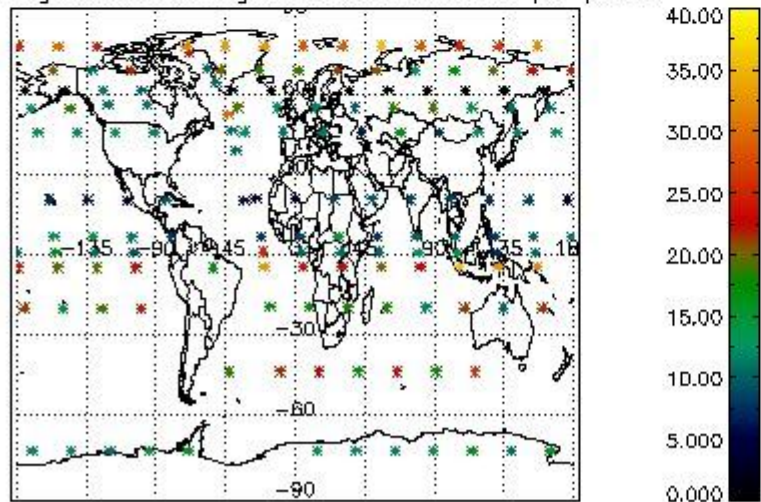
Percentage of cosmic ray hits per profile



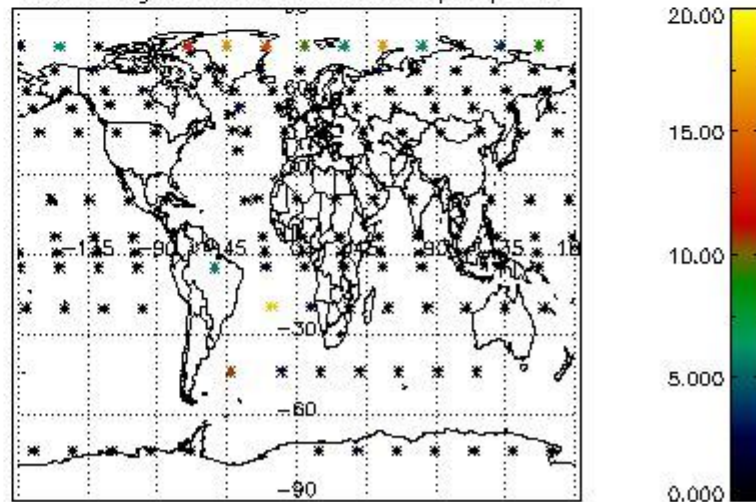
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

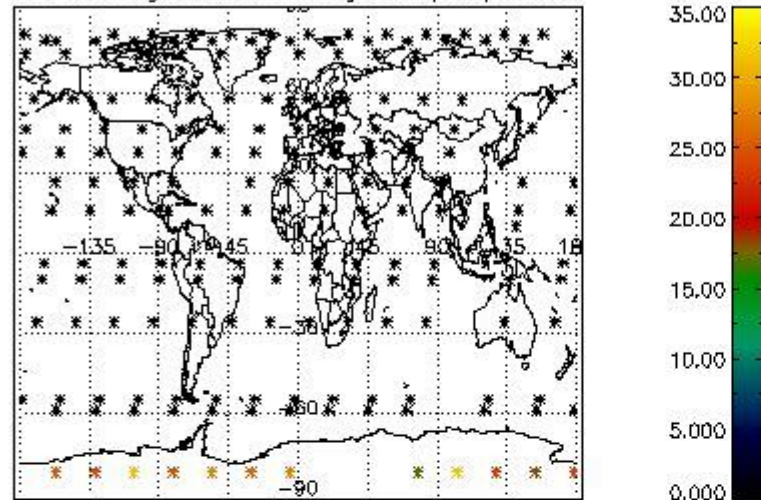


Percentage of saturation errors per profile

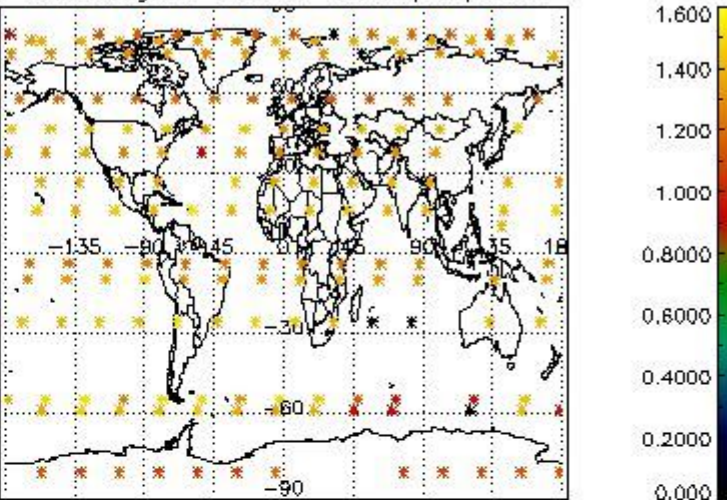


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

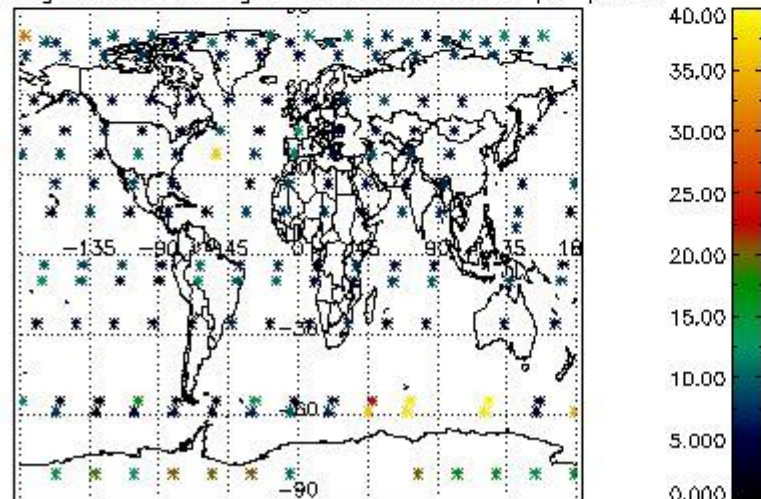
Percentage of cosmic ray hits per profile



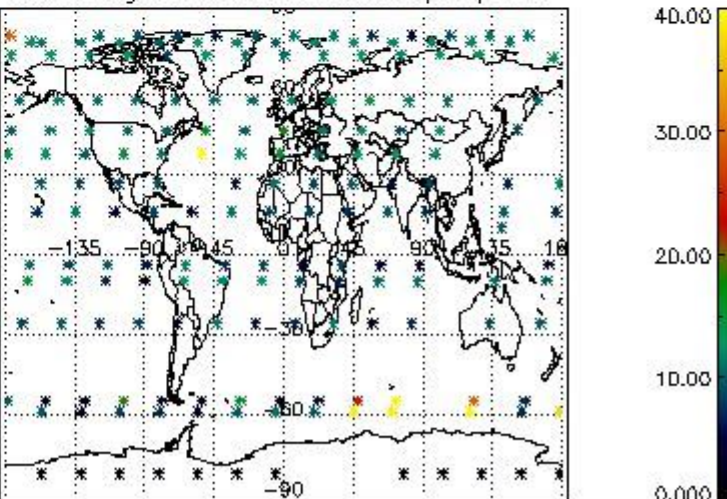
Percentage of datation errors per profile



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

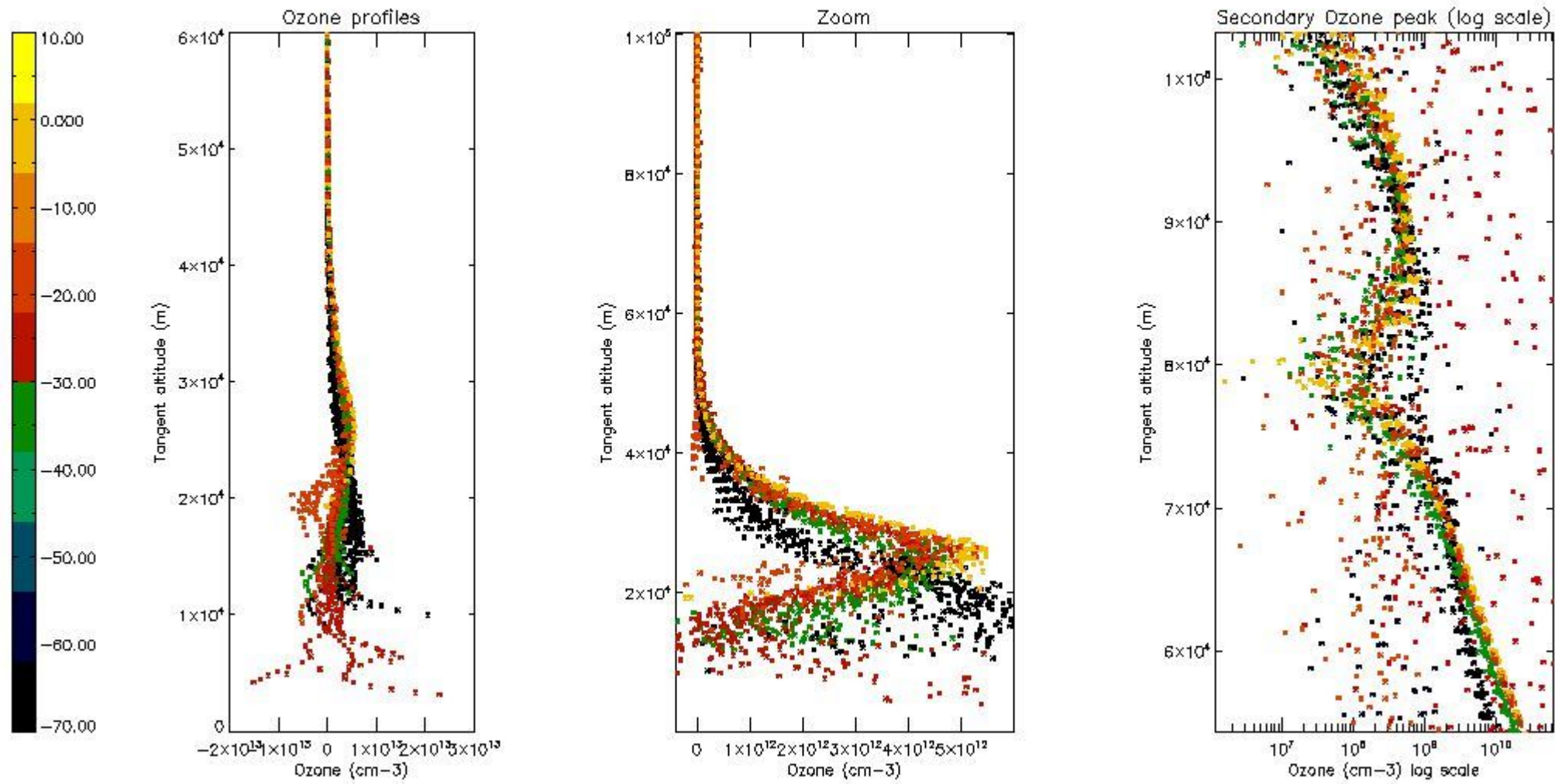
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	11
STD < 5	7

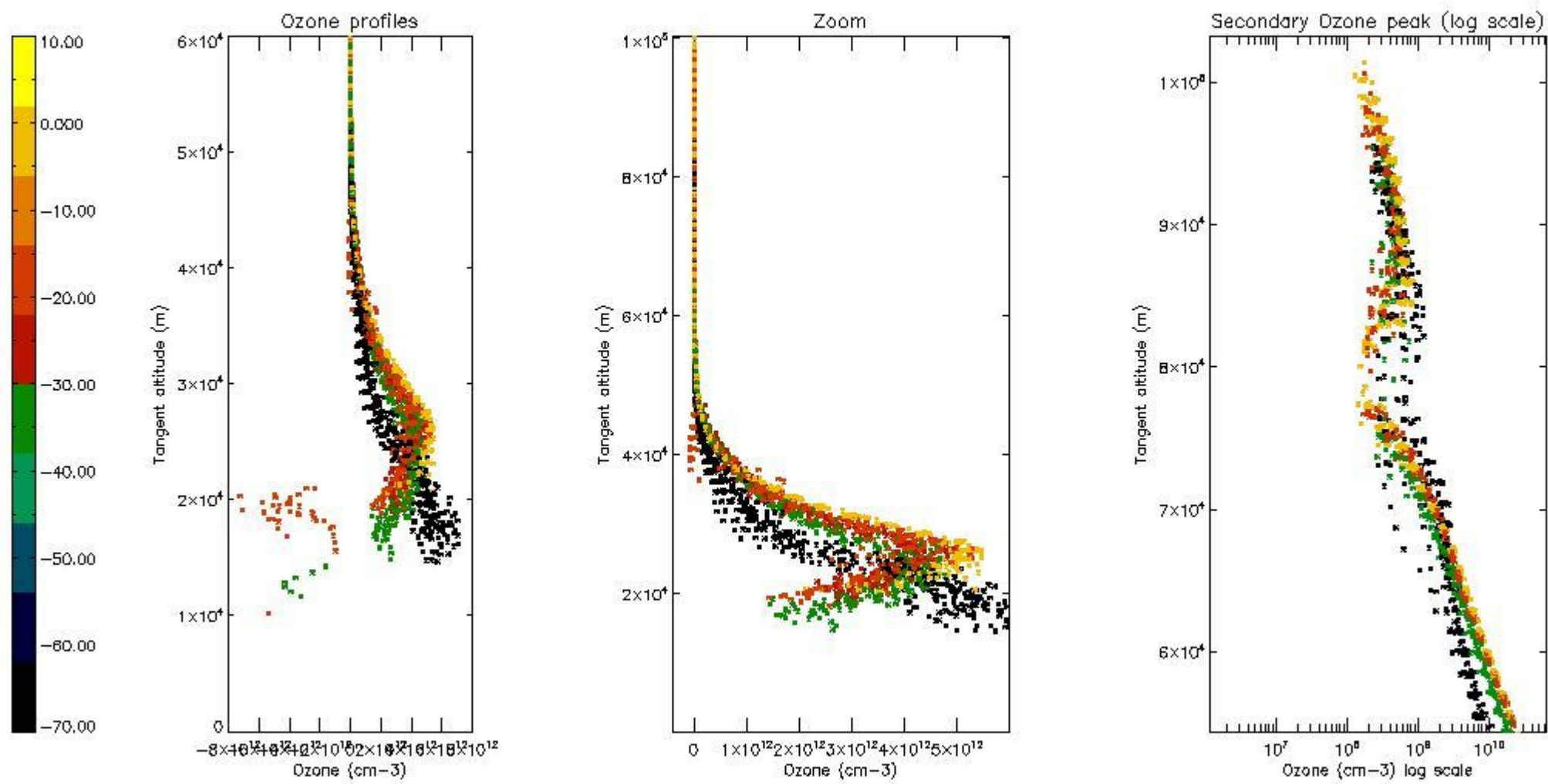
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



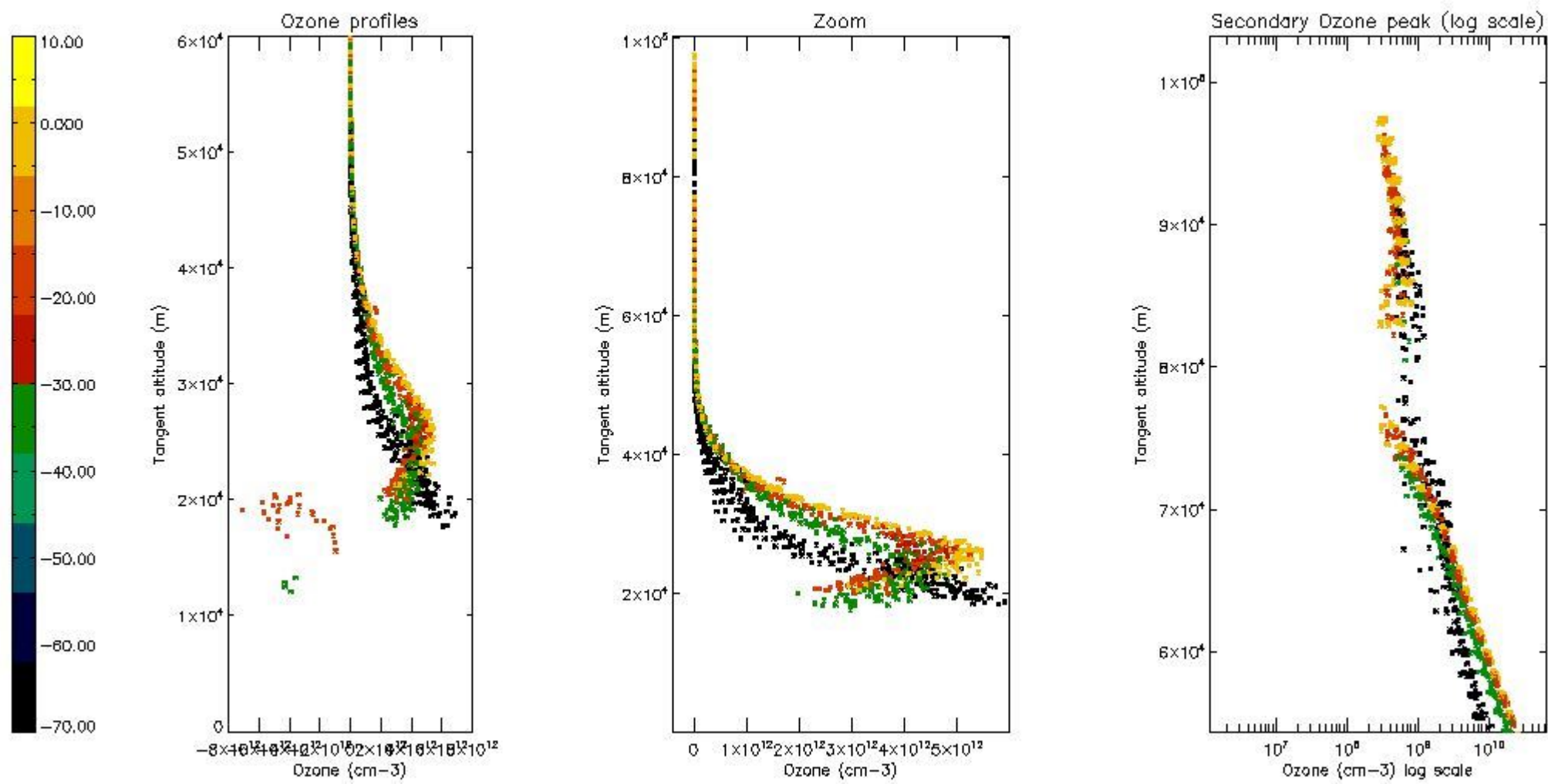
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



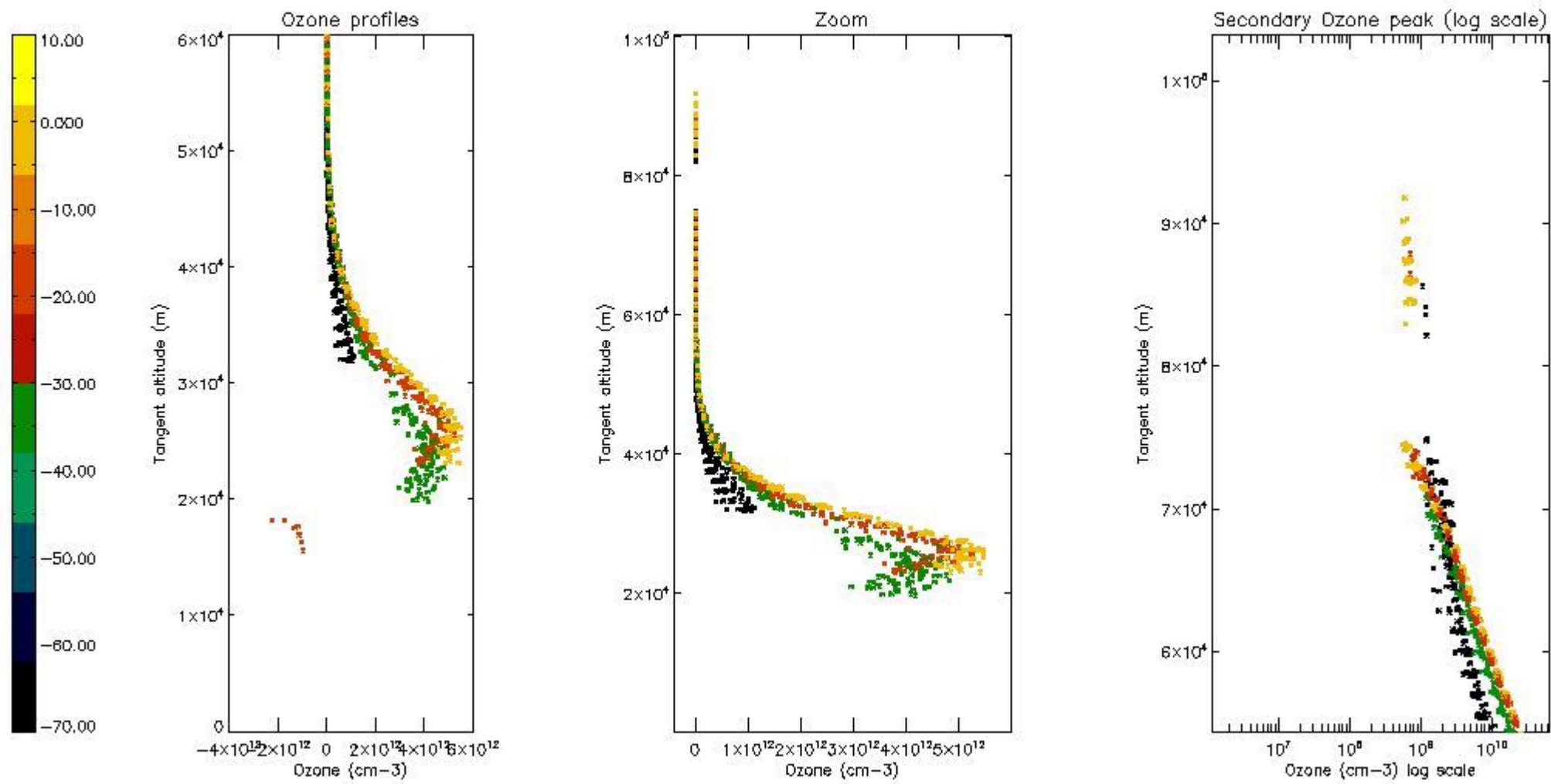
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



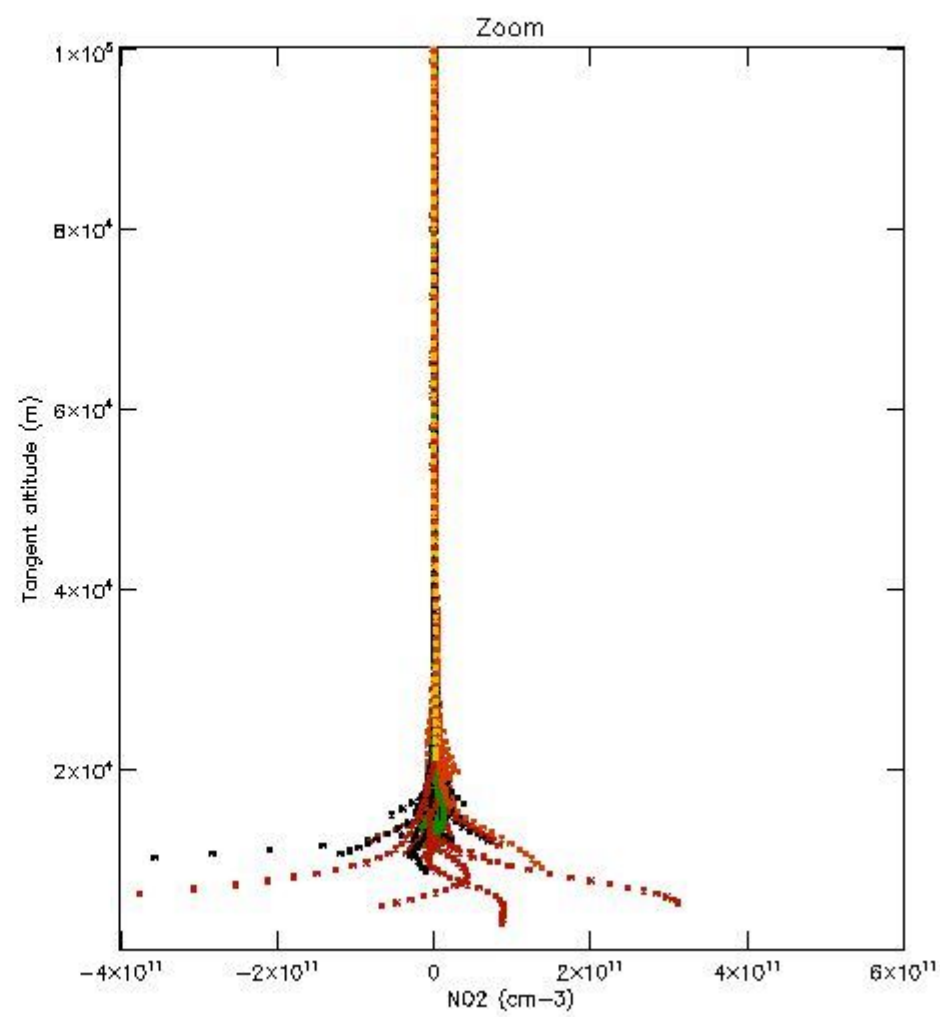
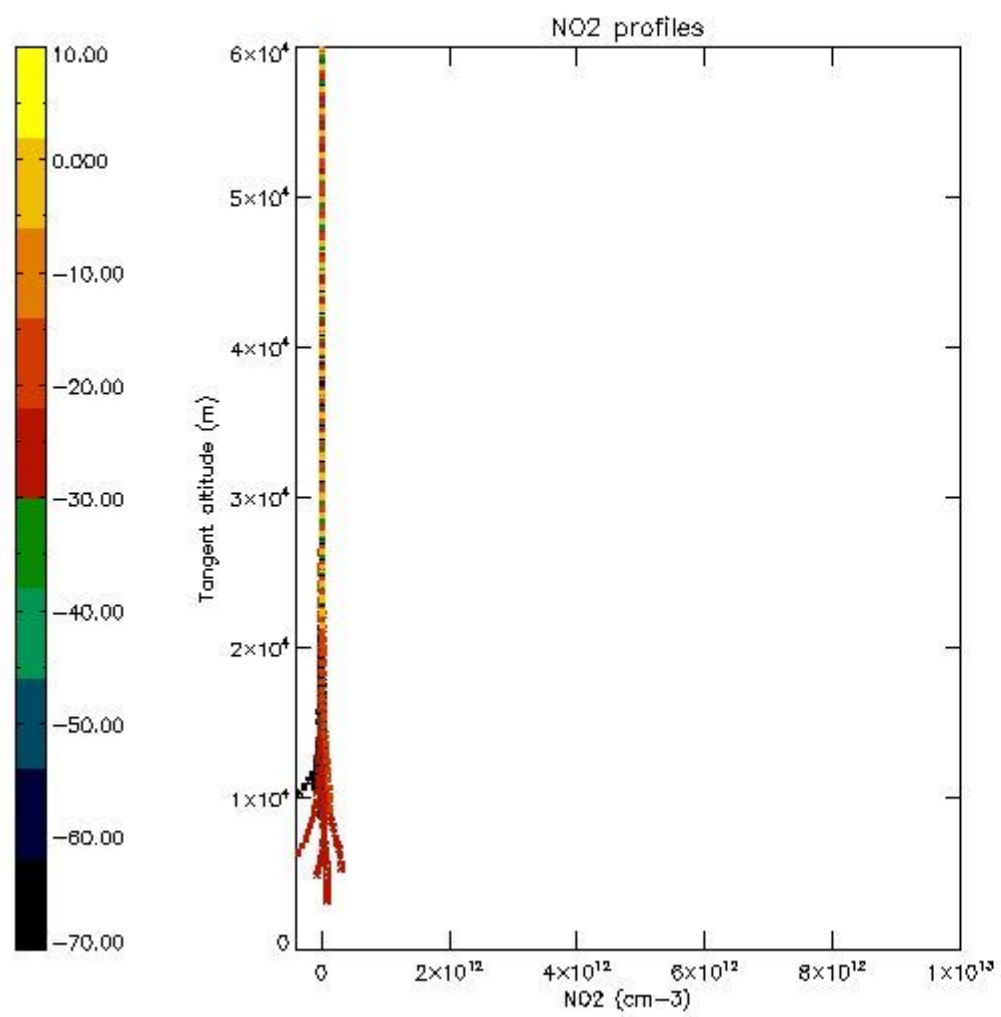
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



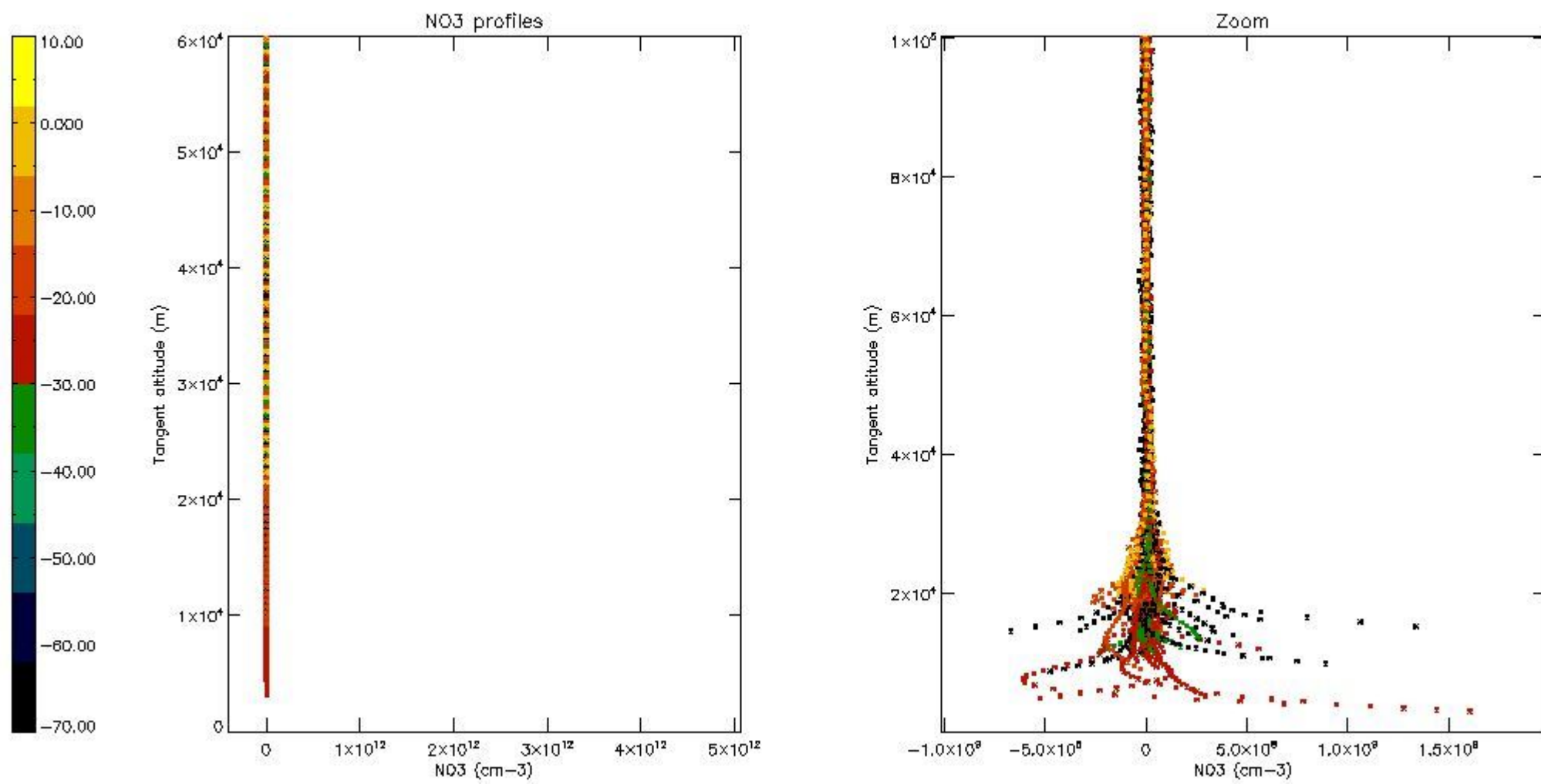
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



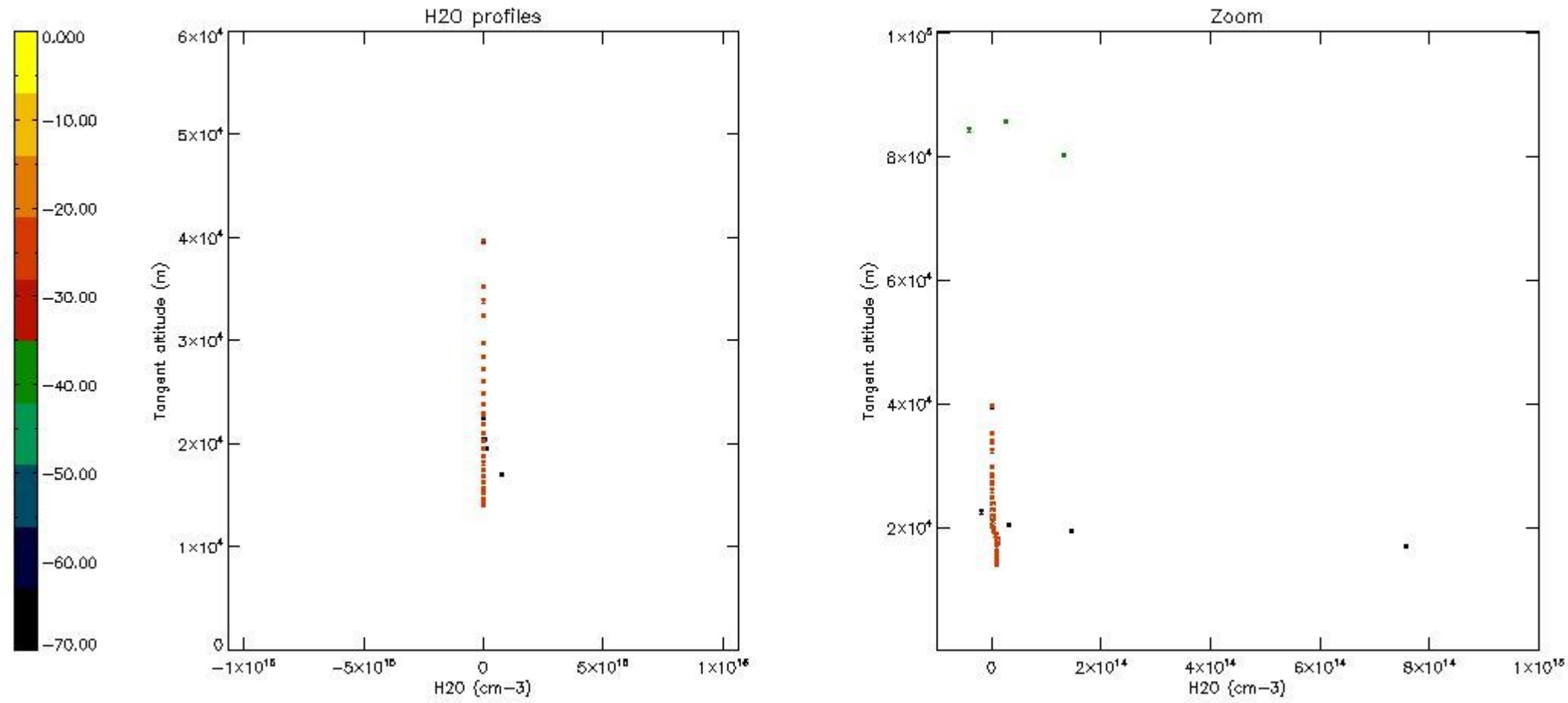
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

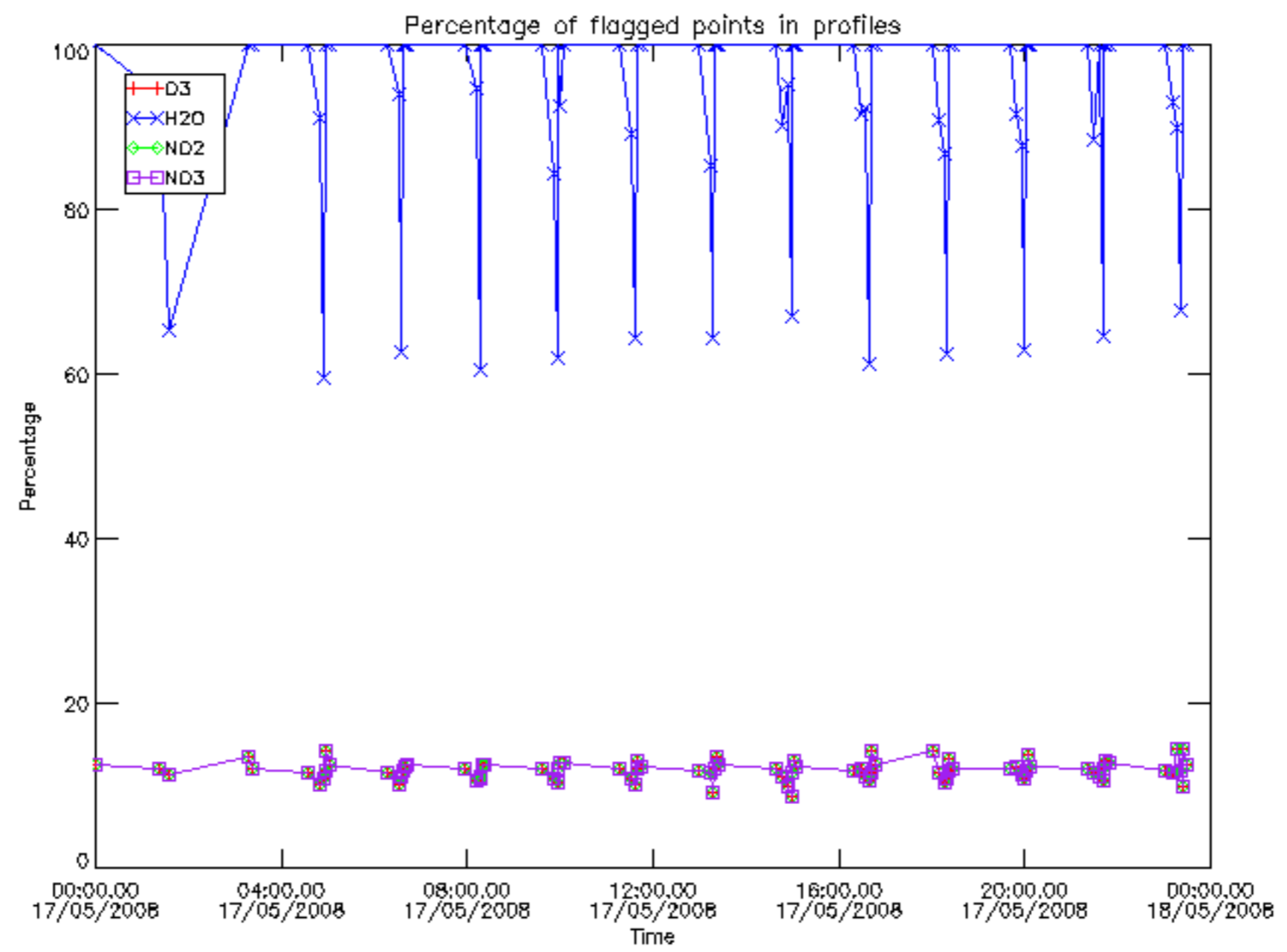
The colorbar represents the latitude.



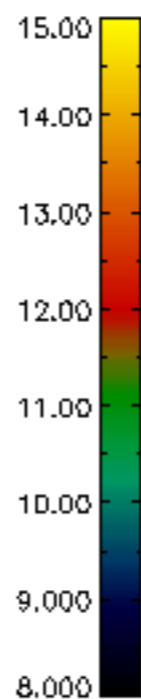
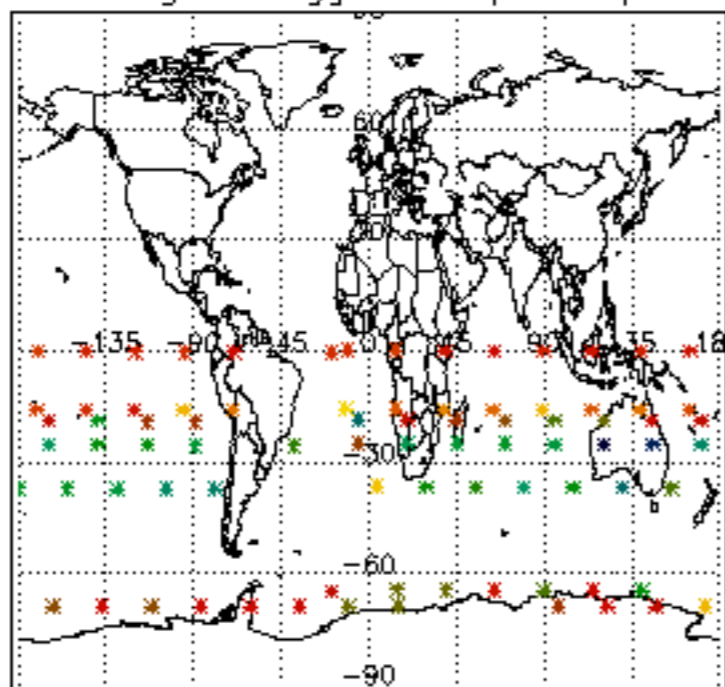
6. Auxiliary Data Files used for the production reported in section 2

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.

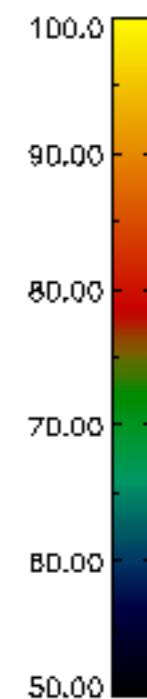
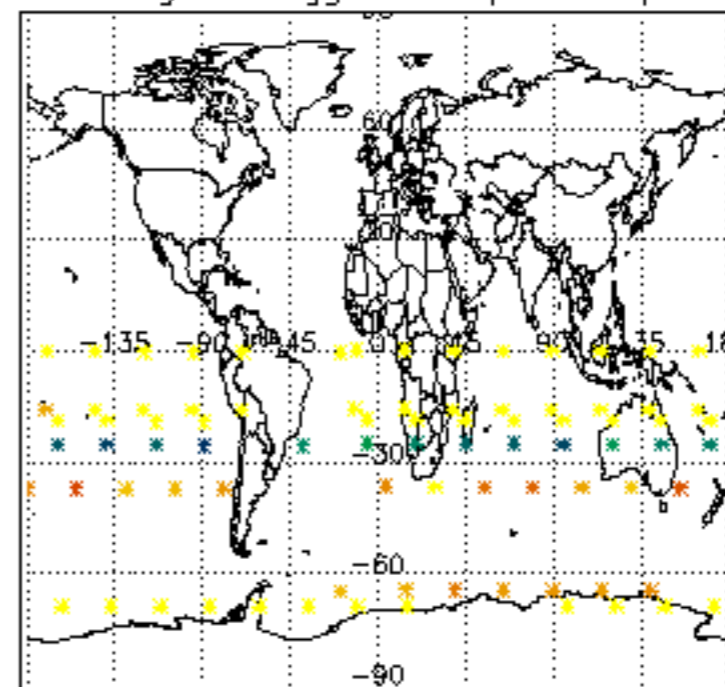
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-MAY-2008 00:00:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAY-2008 00:00:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAY-2008 00:00:08



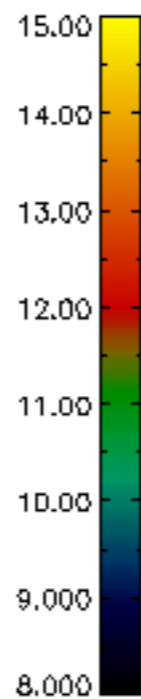
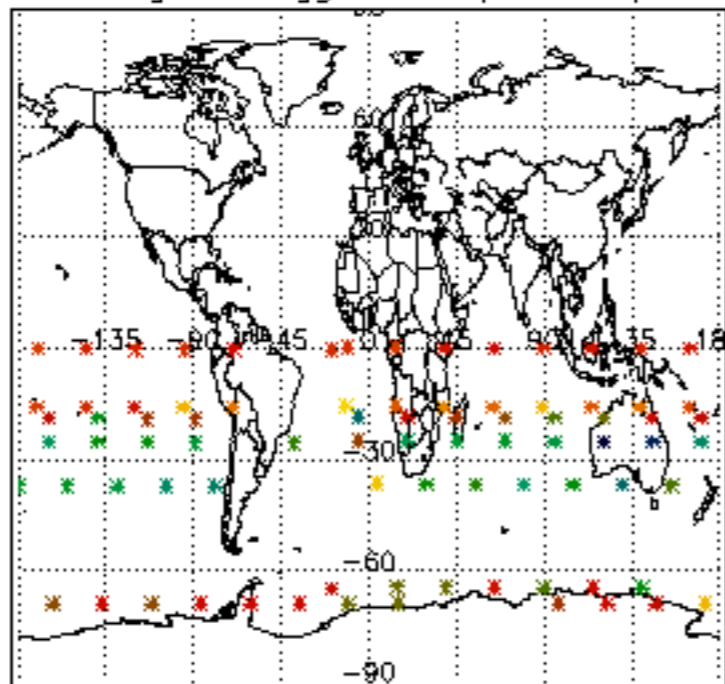
Percentage of flagged data per D3 profile



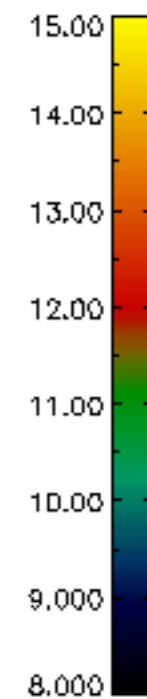
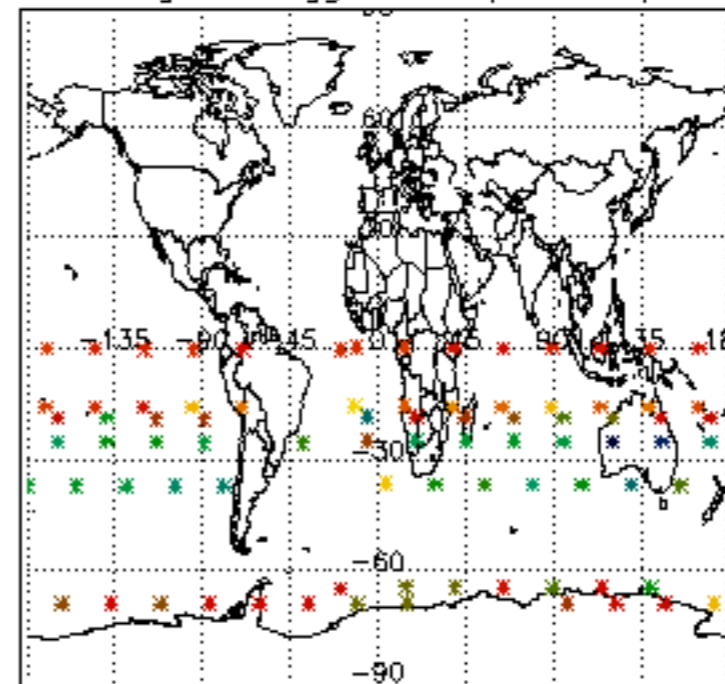
Percentage of flagged data per H2O profile

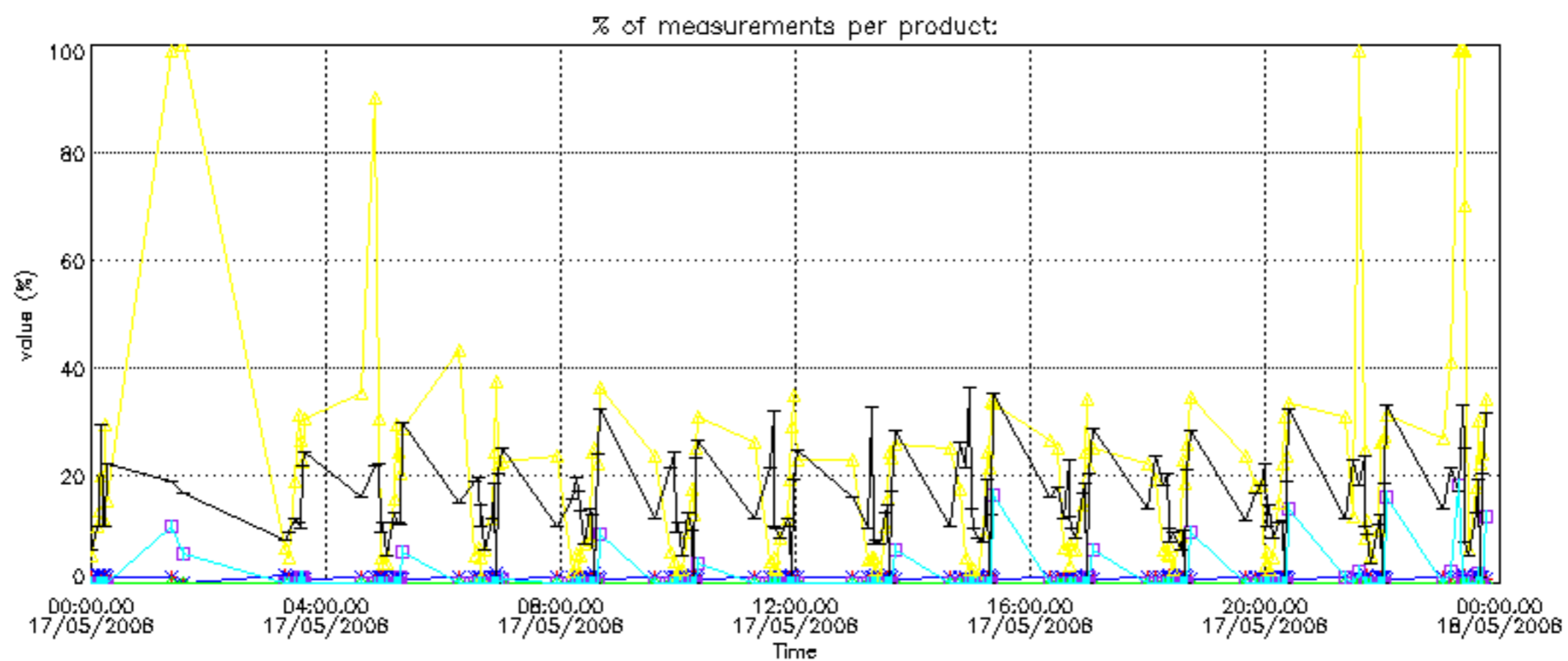


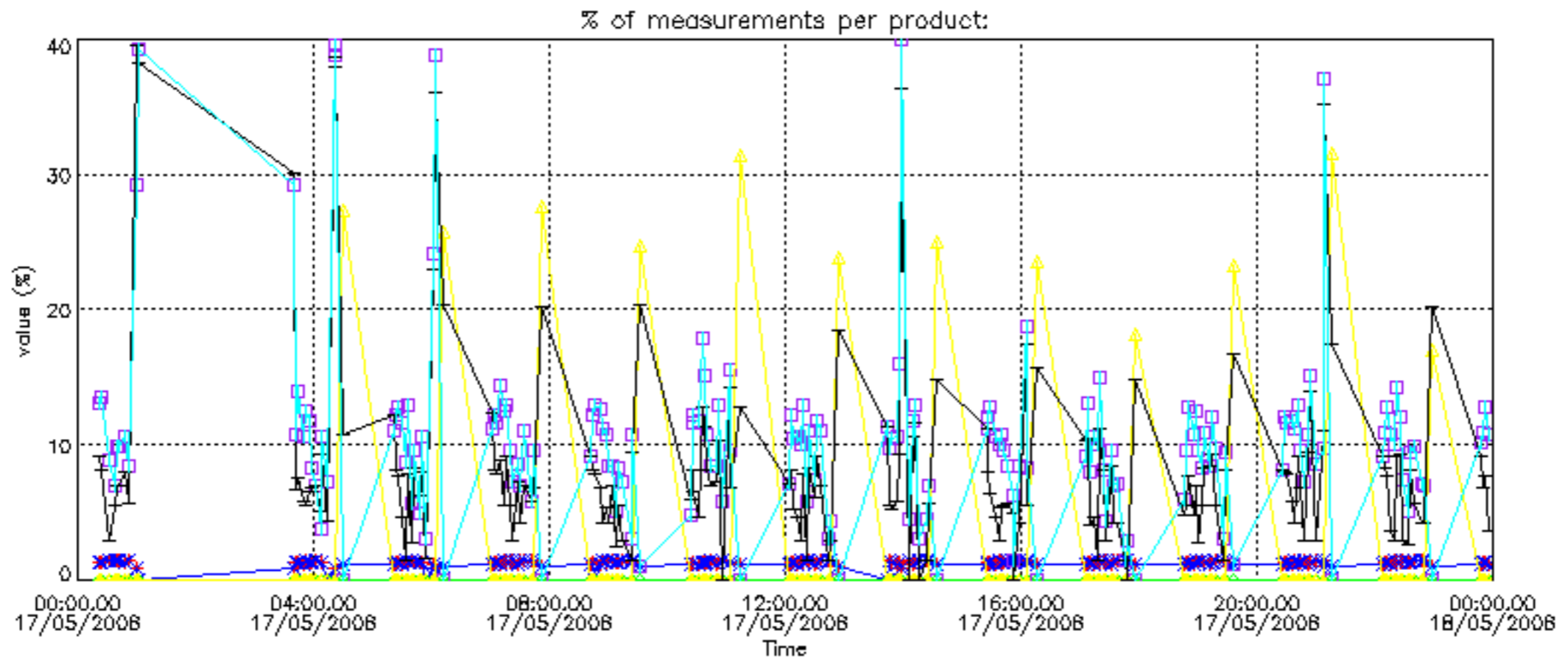
Percentage of flagged data per NO2 profile



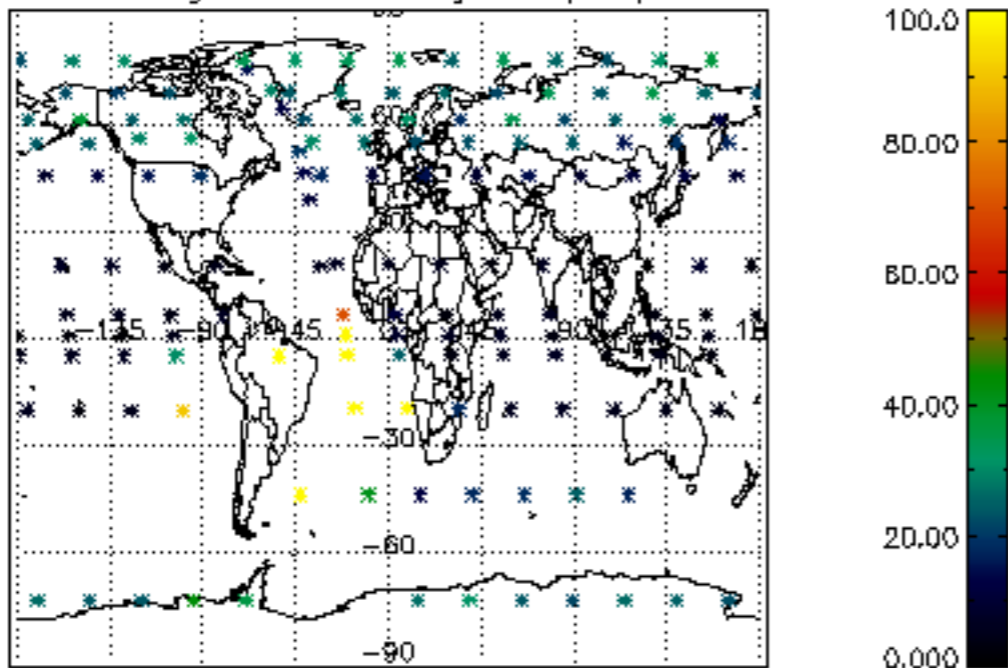
Percentage of flagged data per NO3 profile



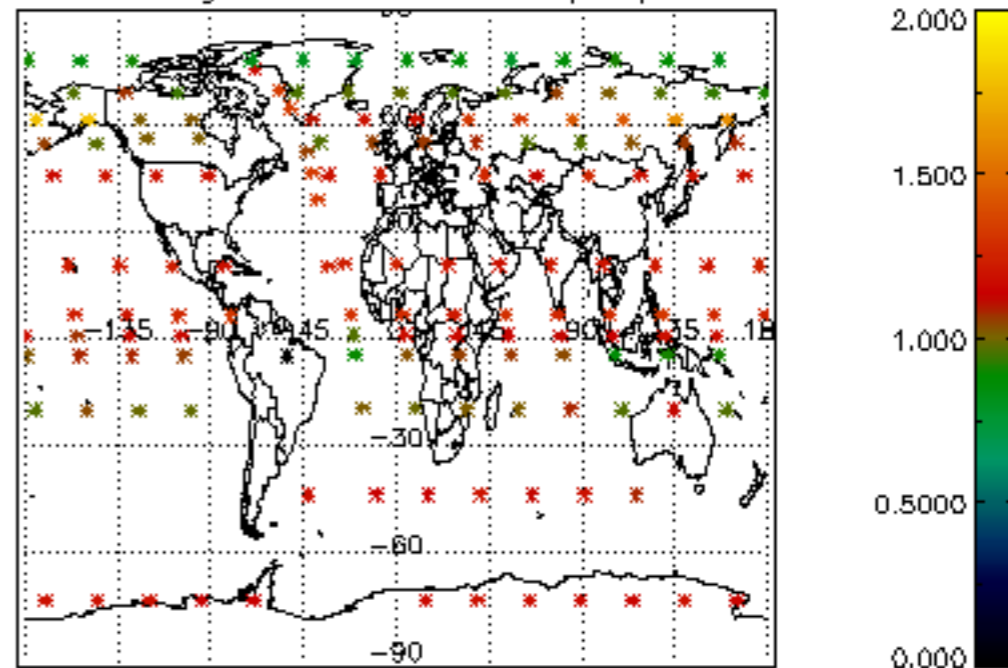




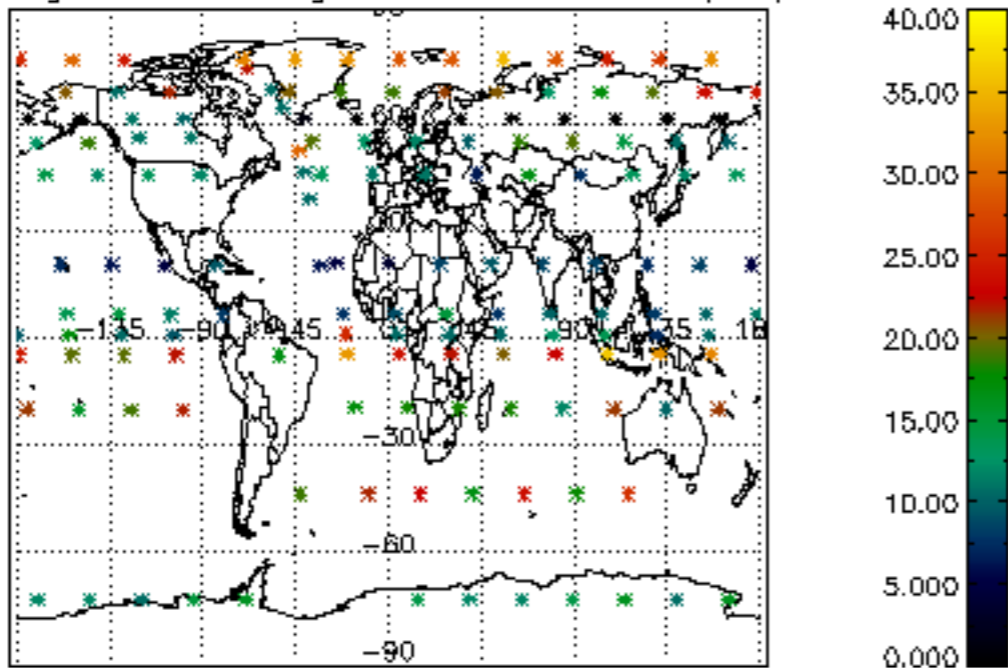
Percentage of cosmic ray hits per profile



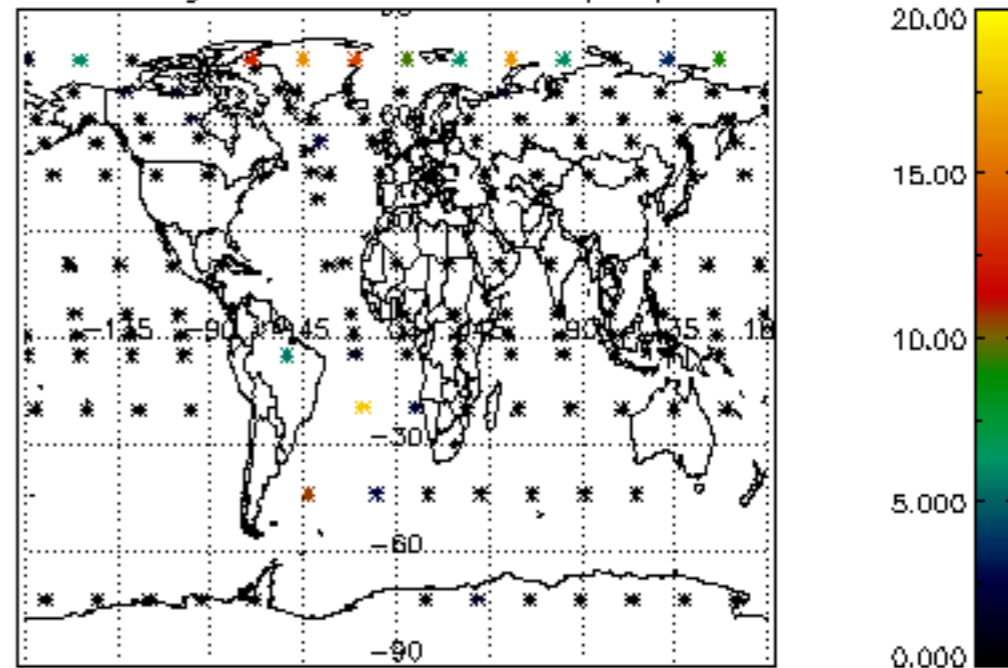
Percentage of datation errors per profile



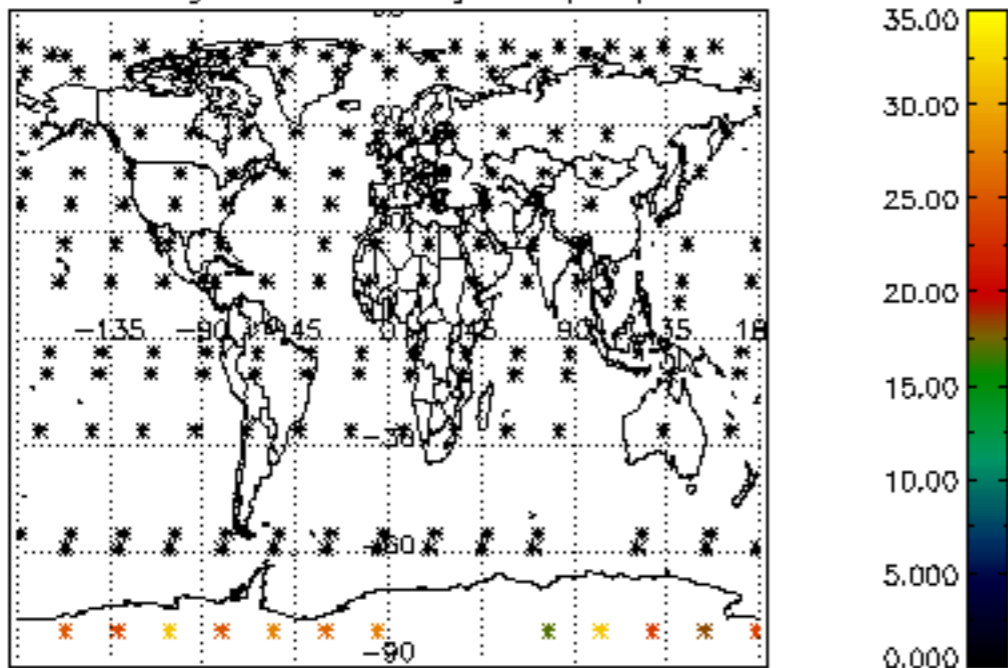
Percentage of star falling outside central band per profile



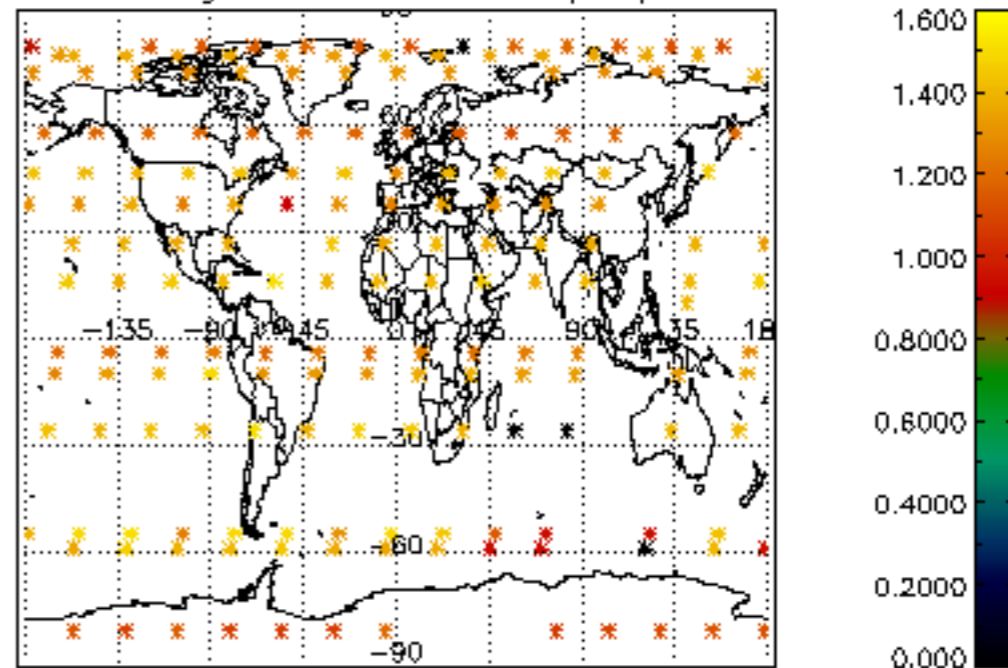
Percentage of saturation errors per profile



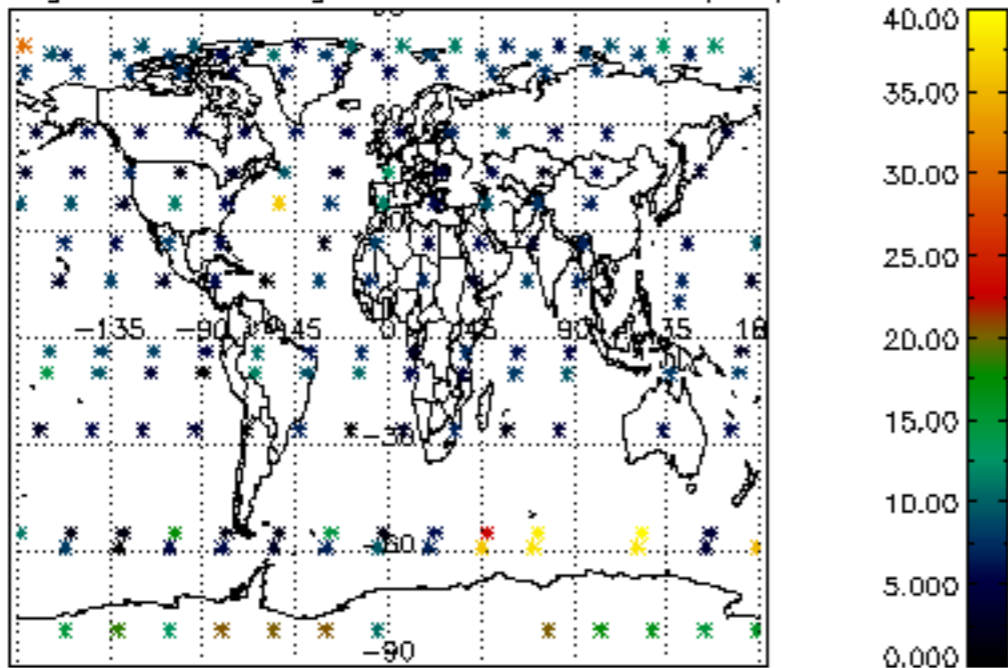
Percentage of cosmic ray hits per profile



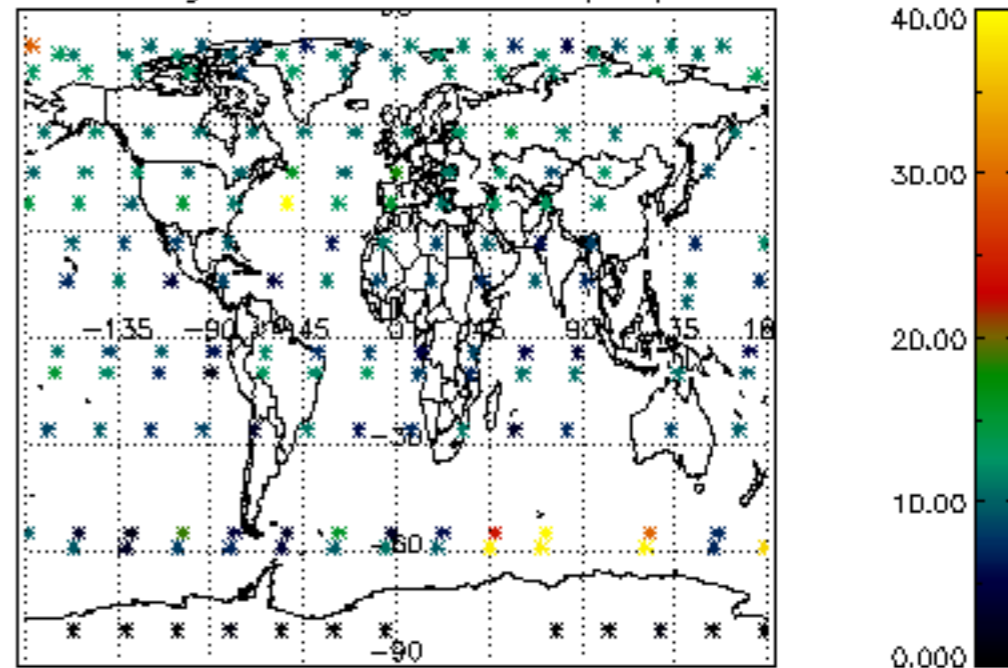
Percentage of datation errors per profile

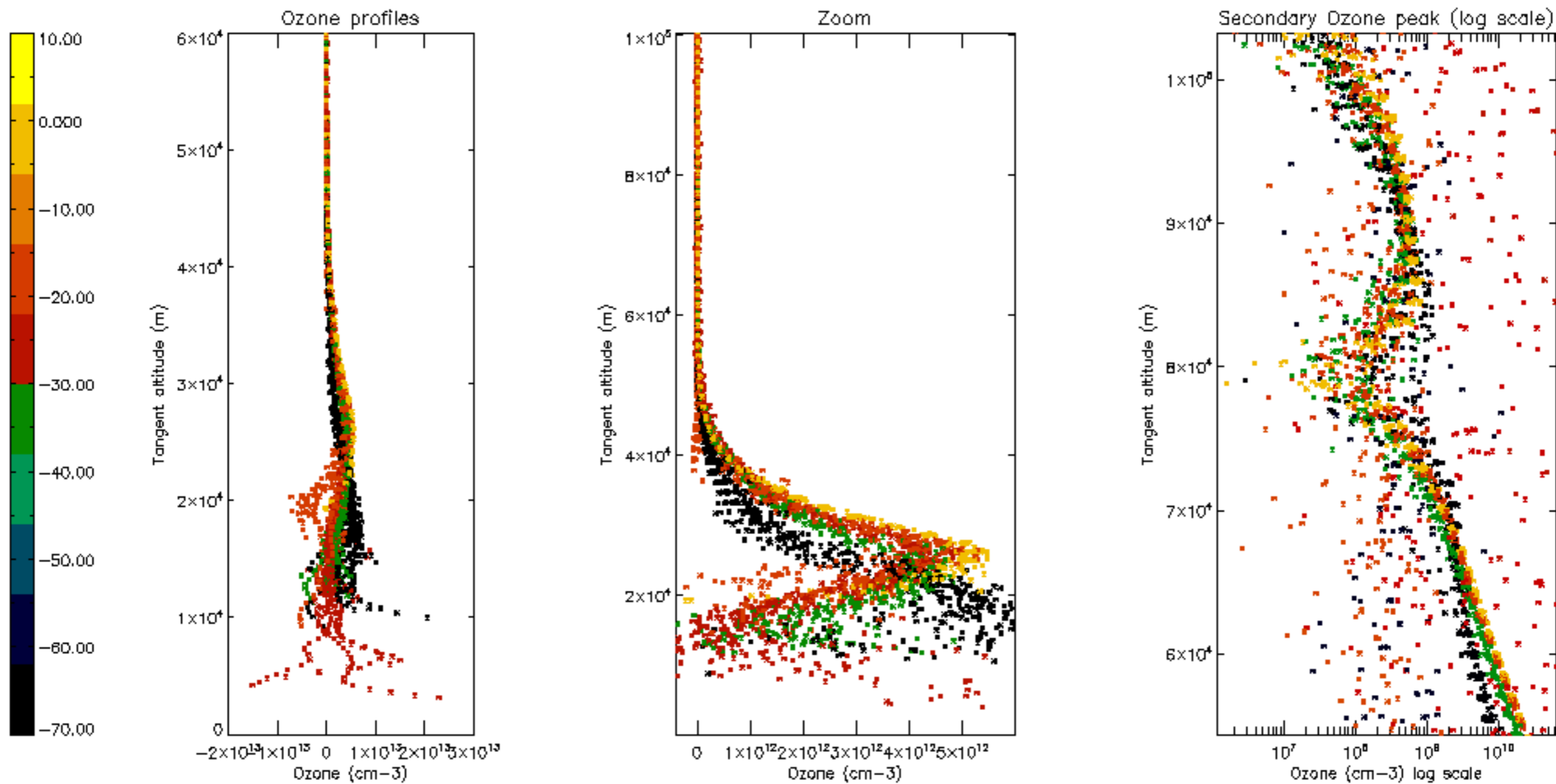


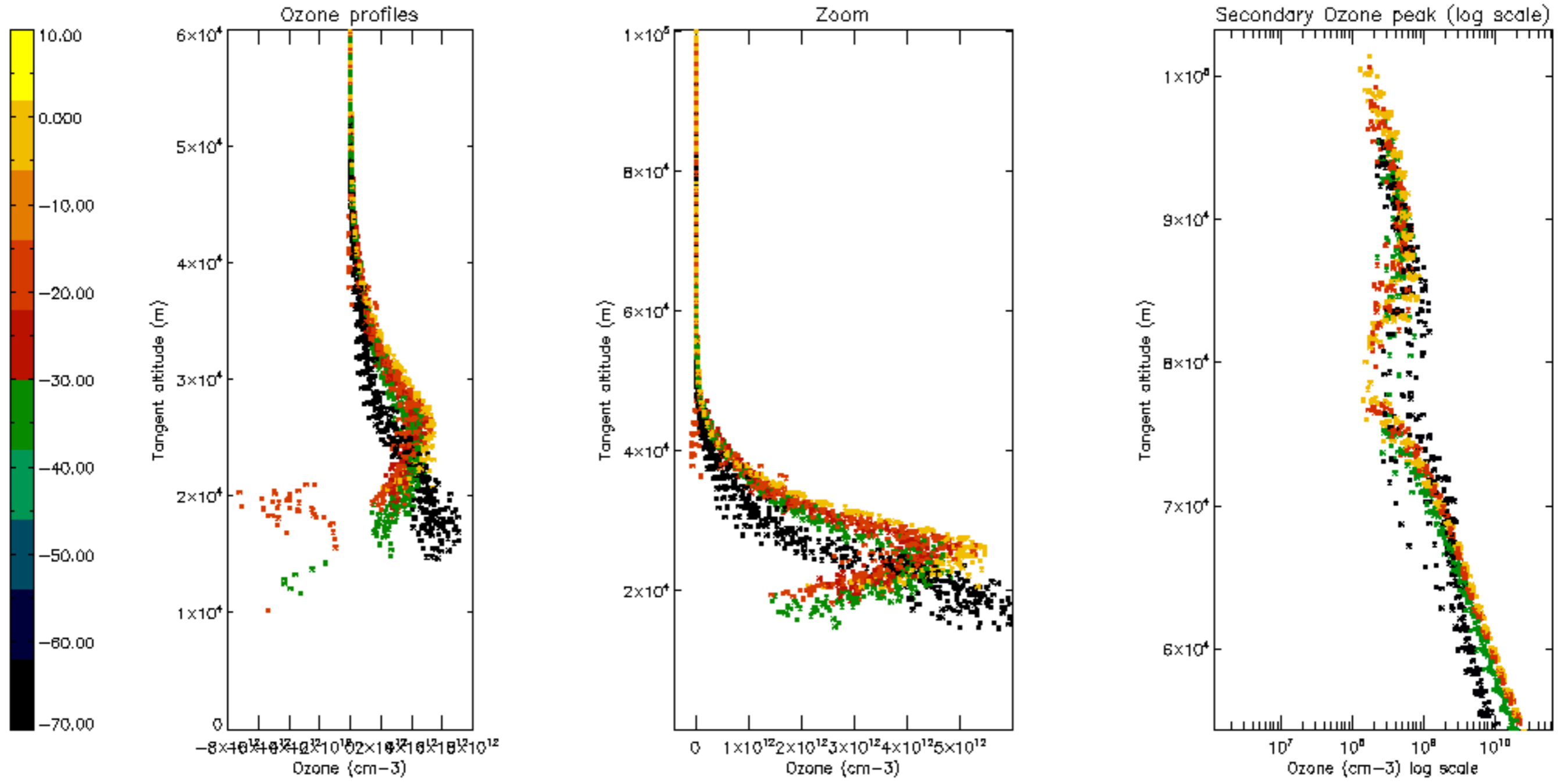
Percentage of star falling outside central band per profile

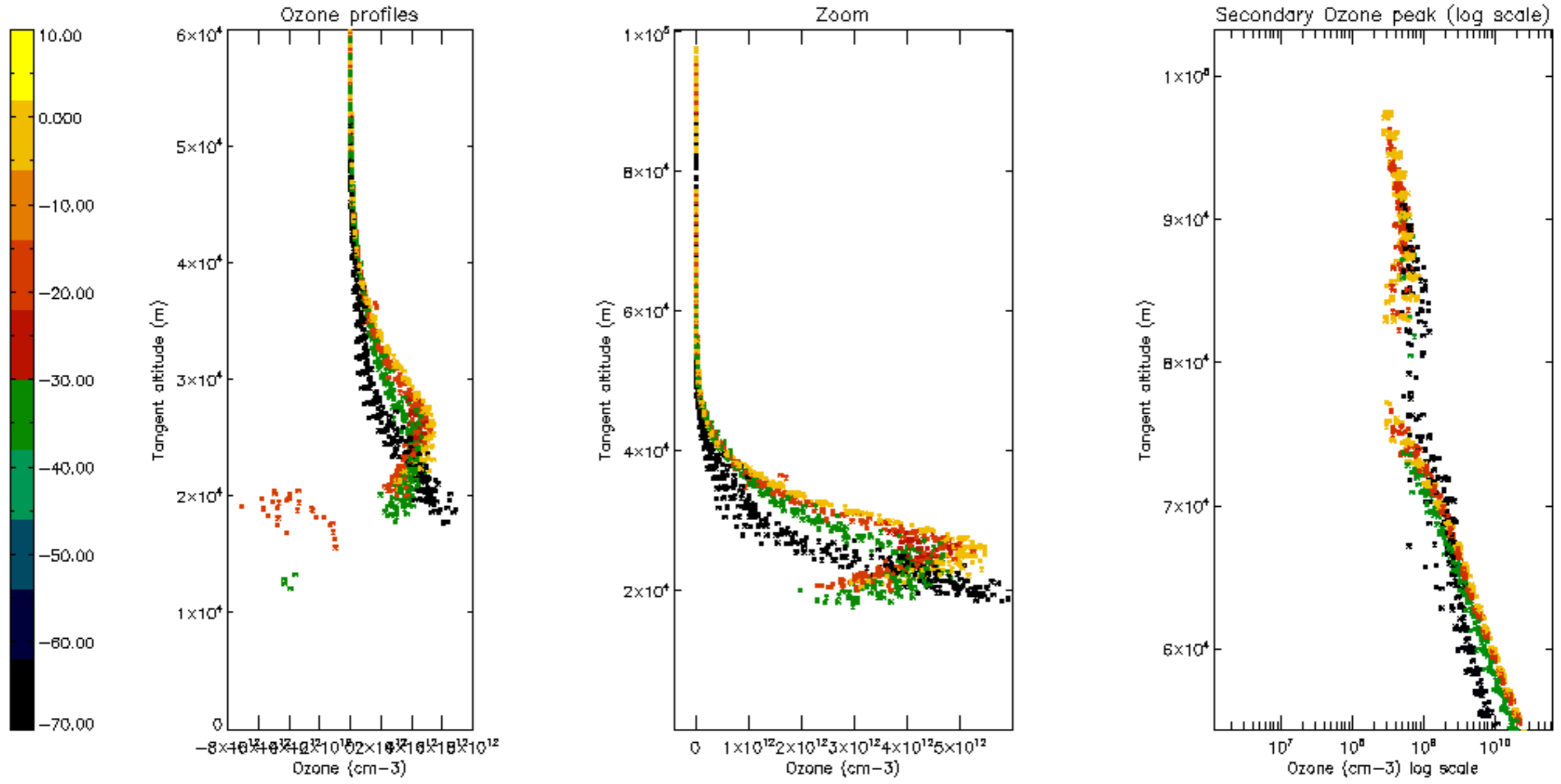


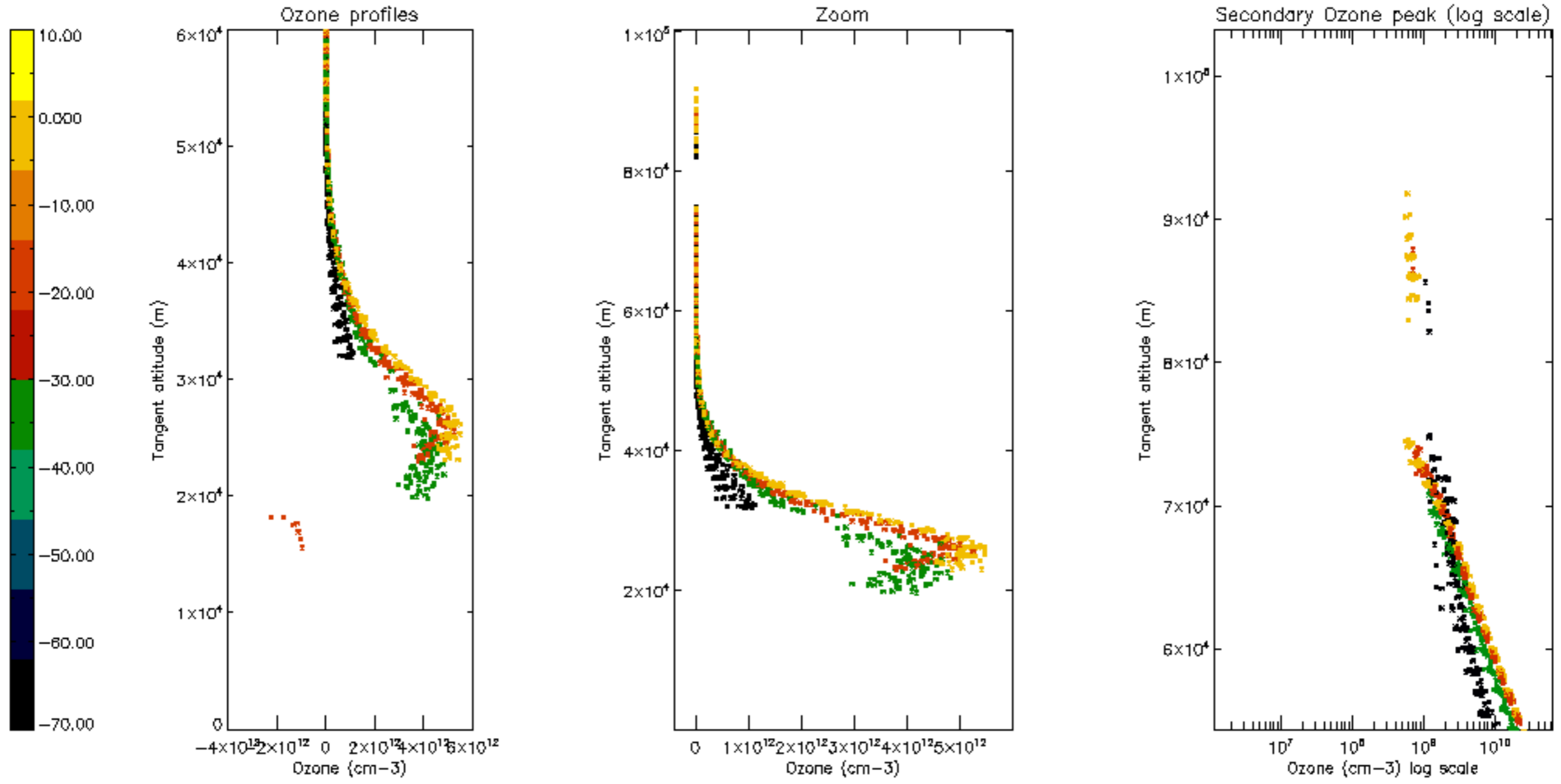
Percentage of saturation errors per profile

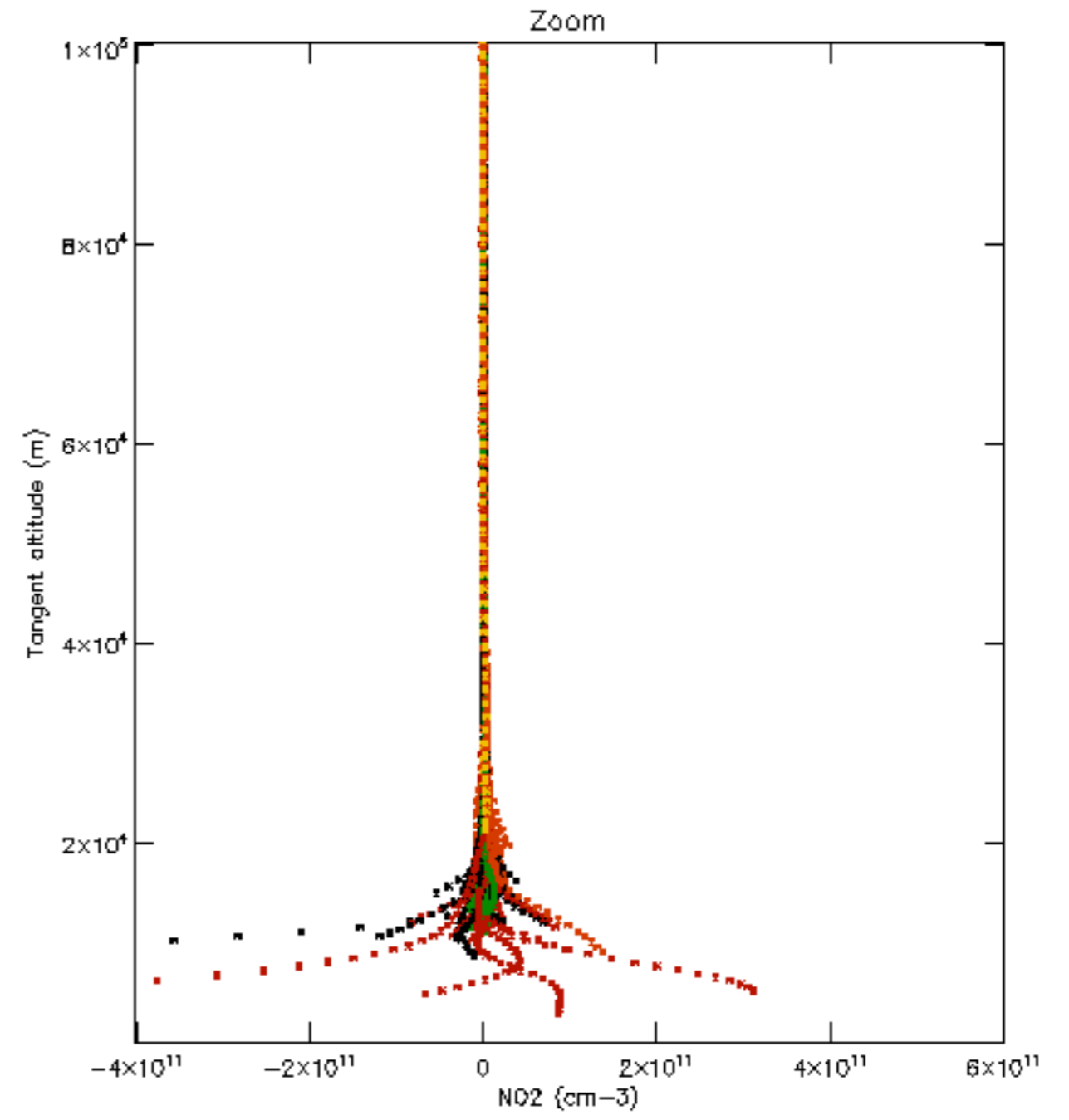
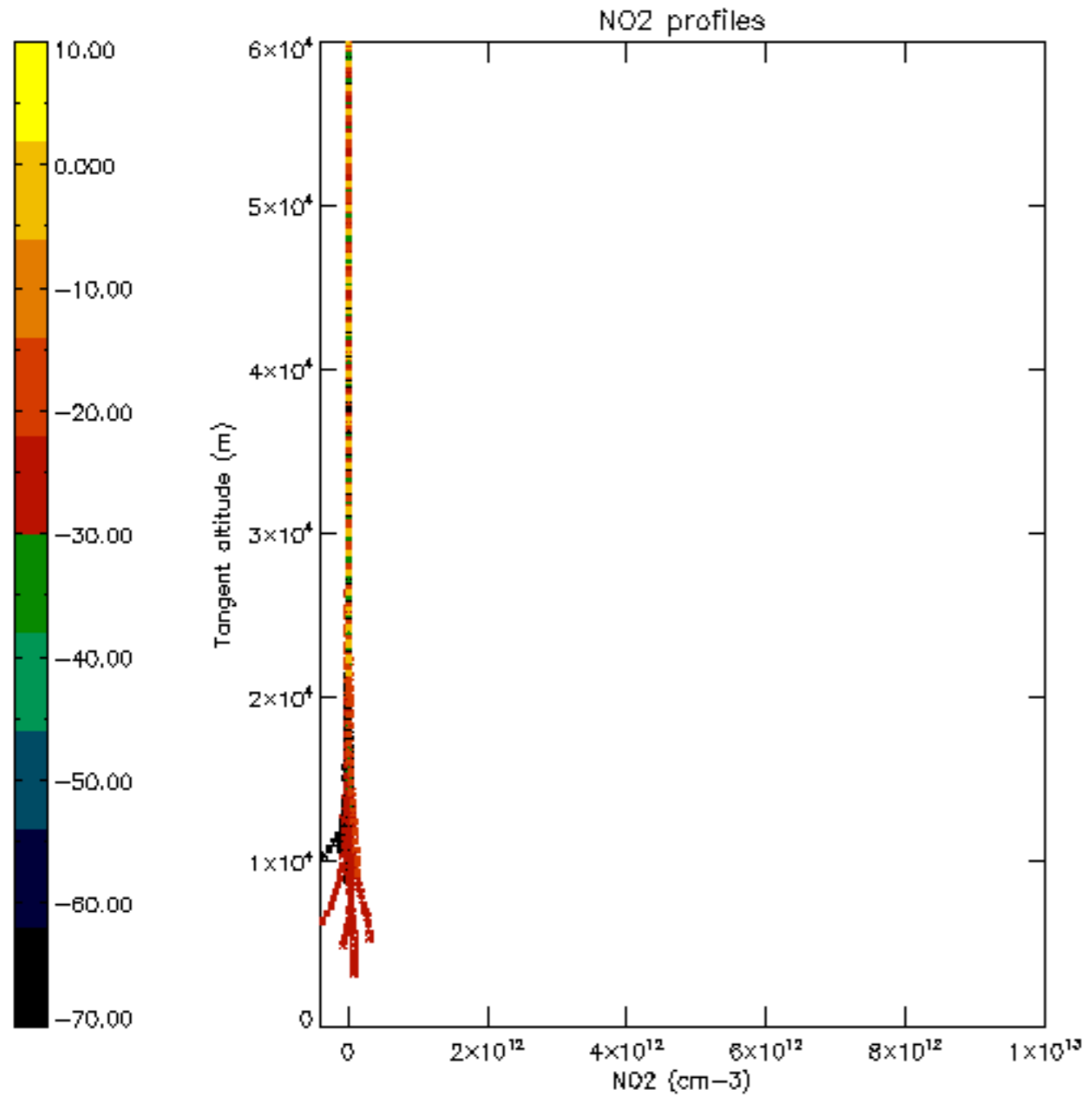


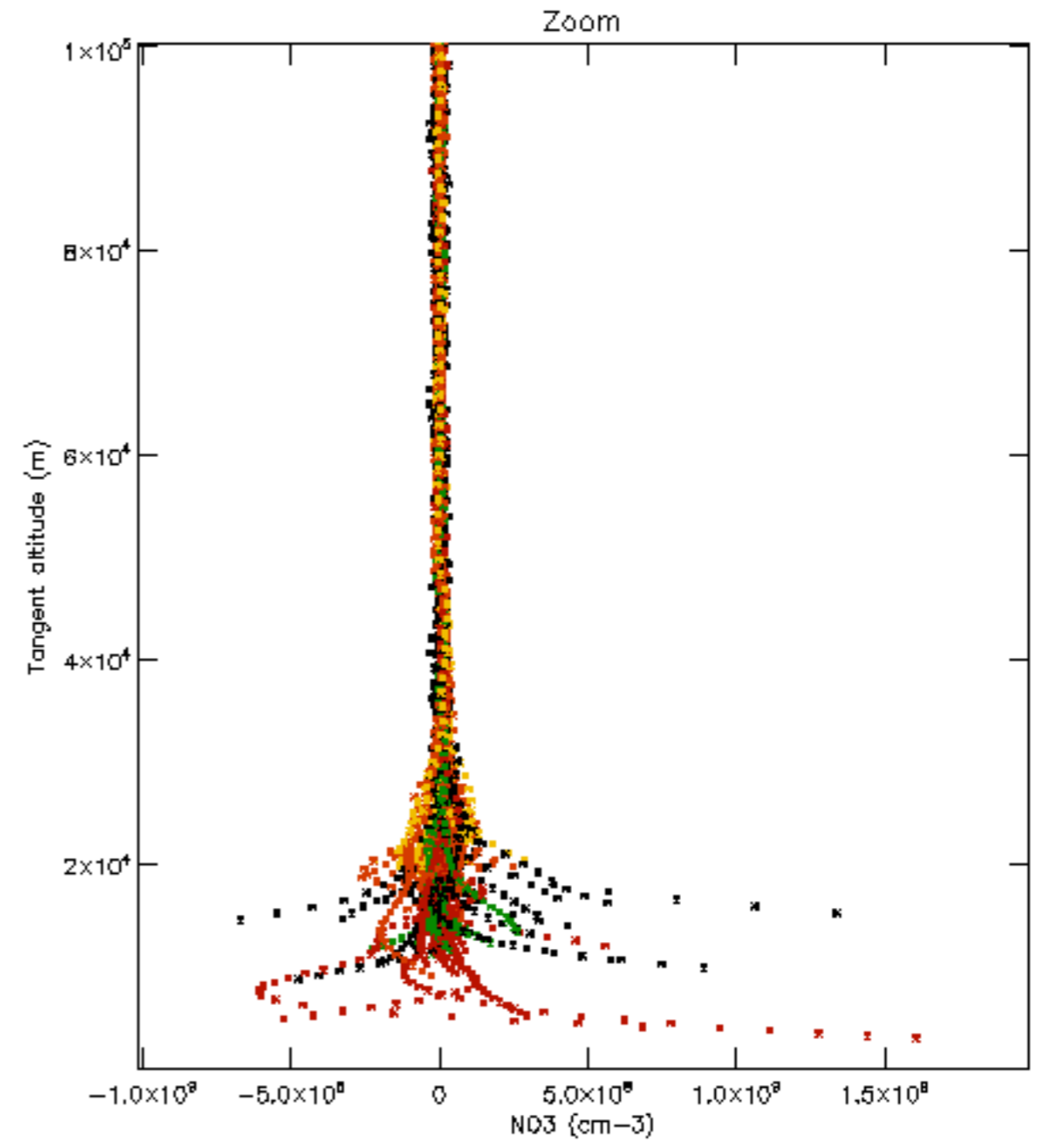
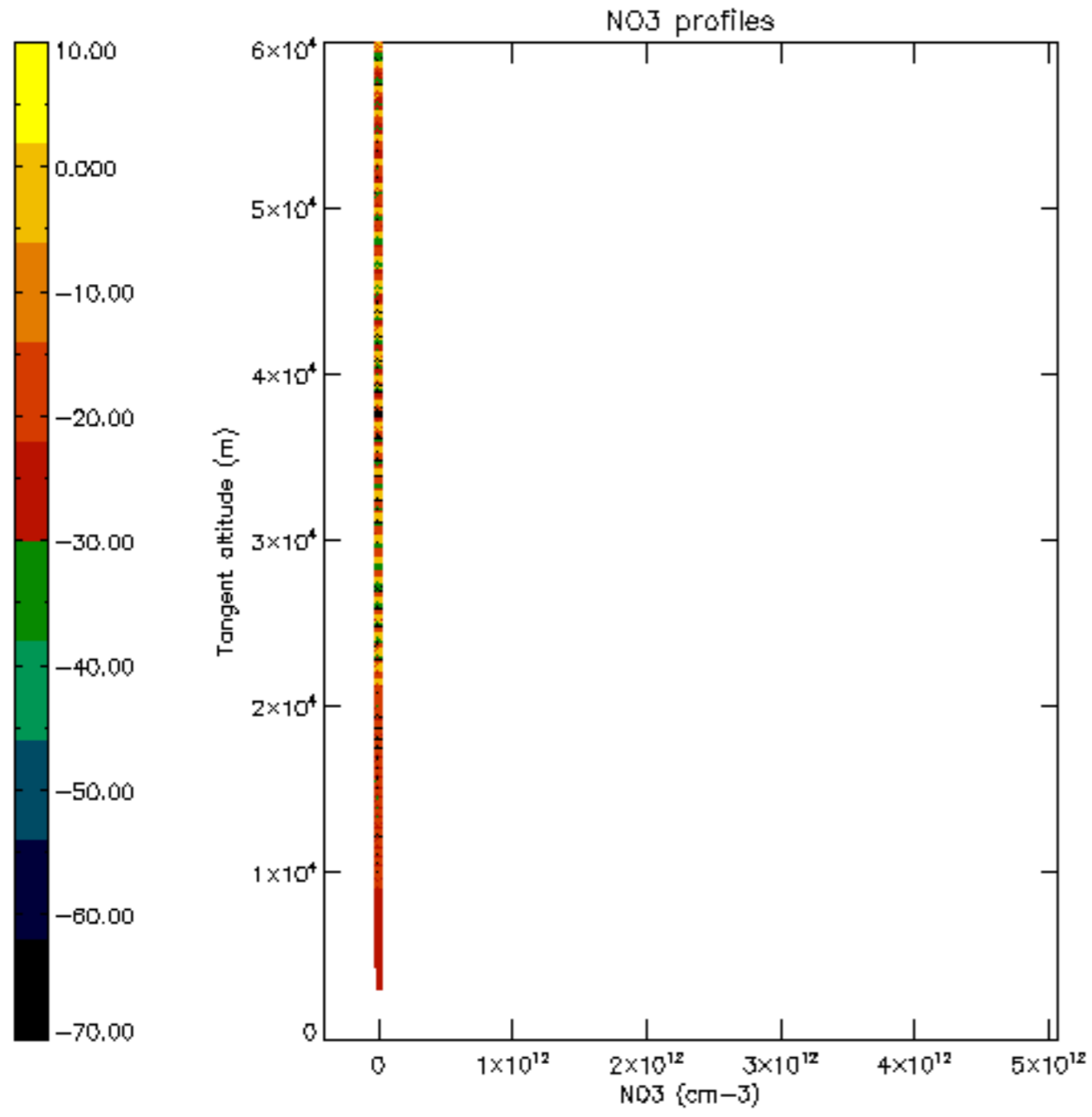


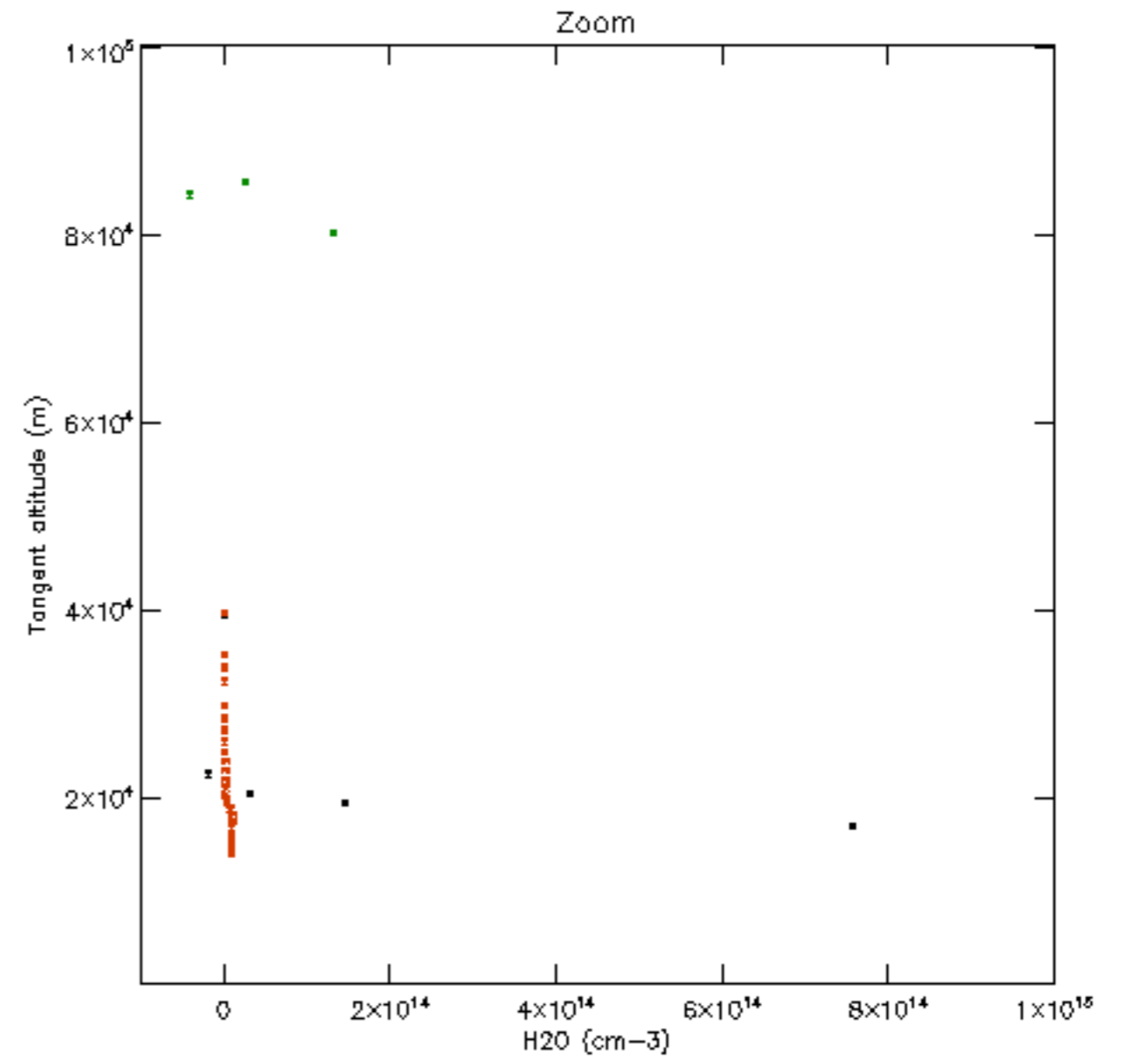
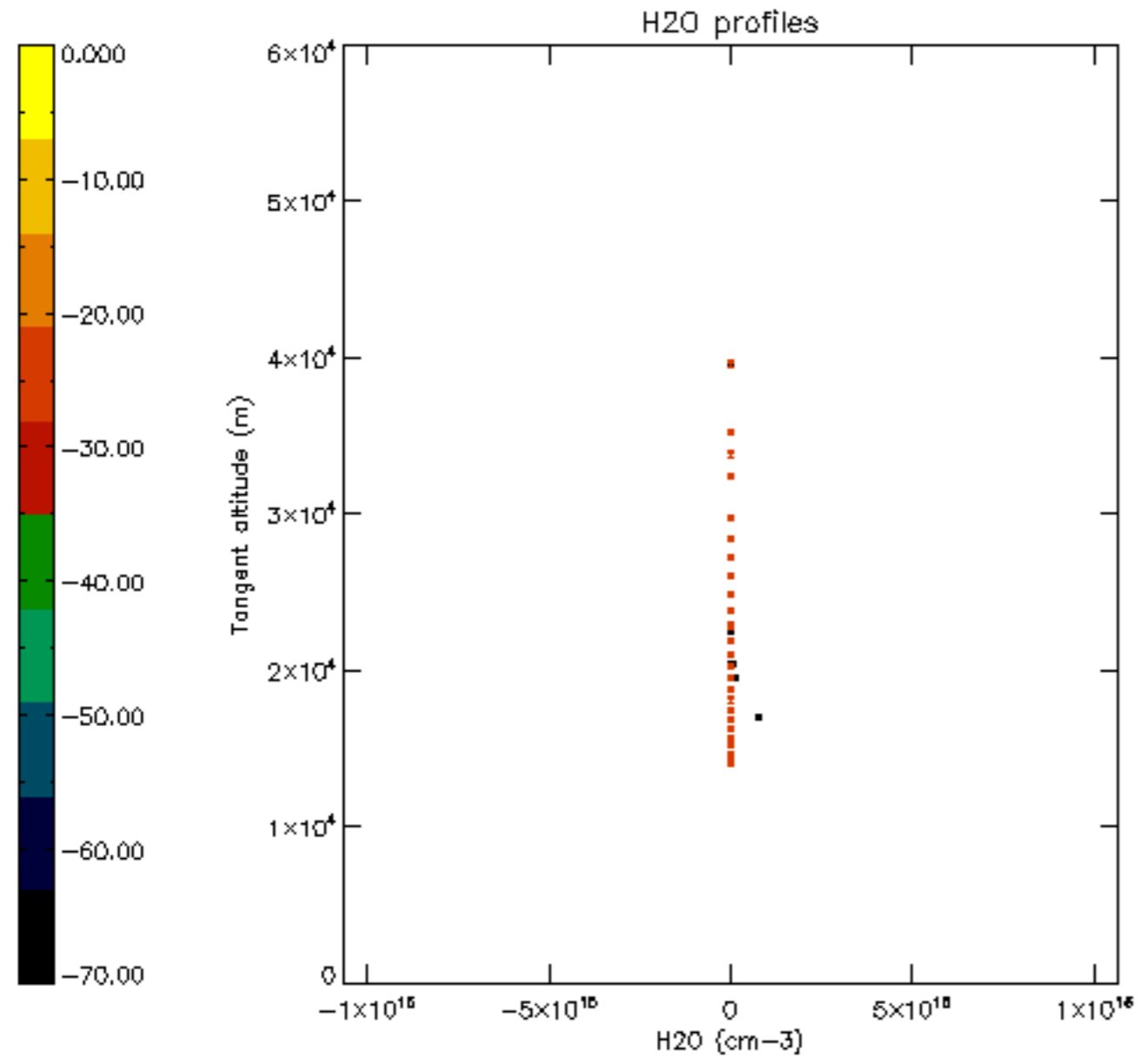


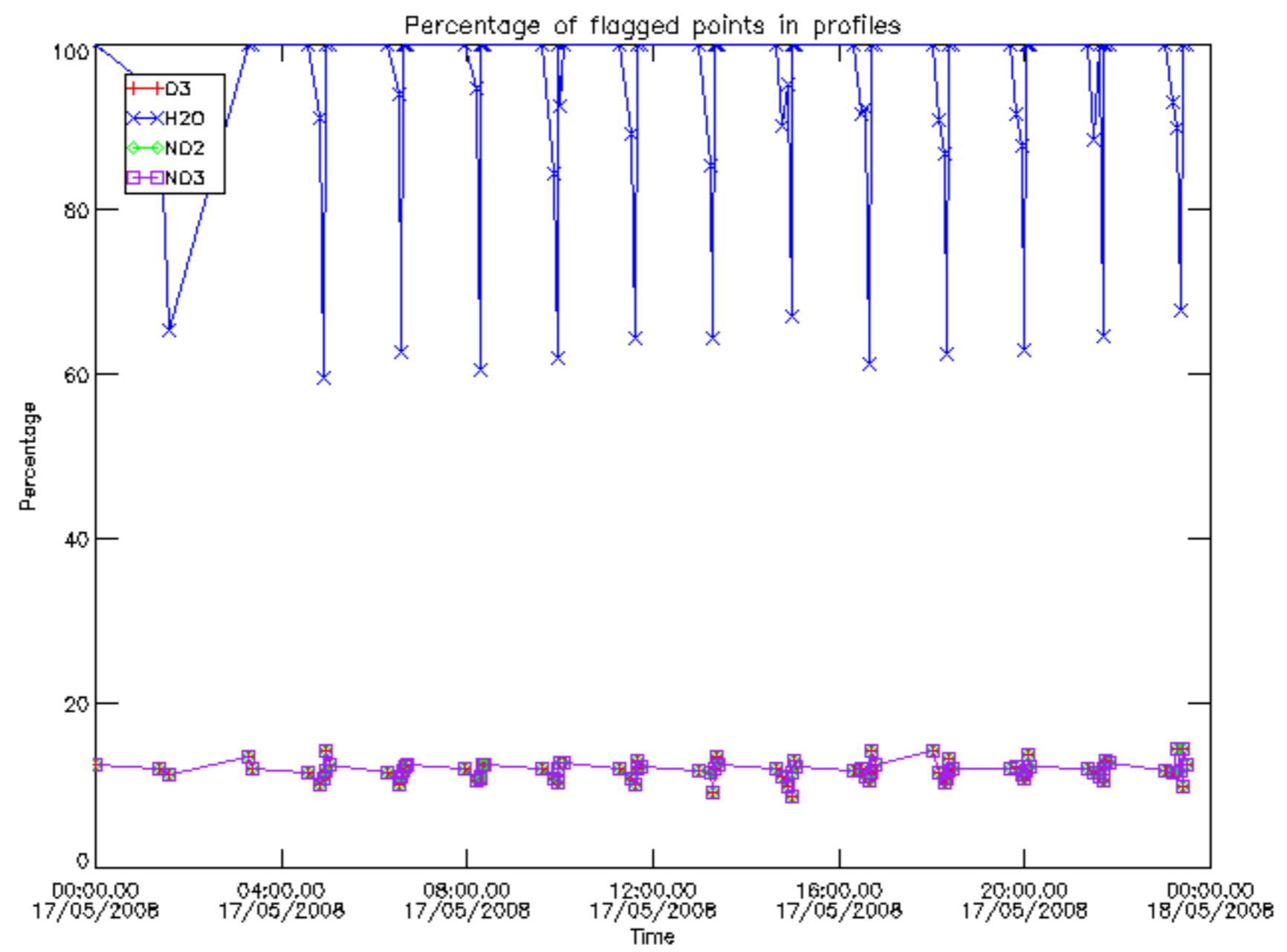




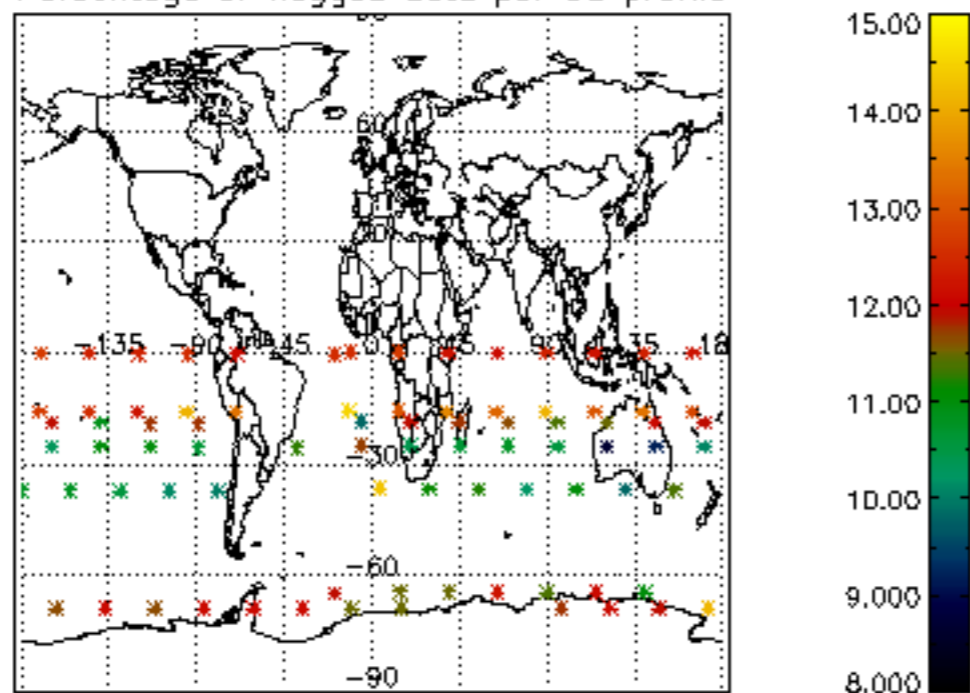




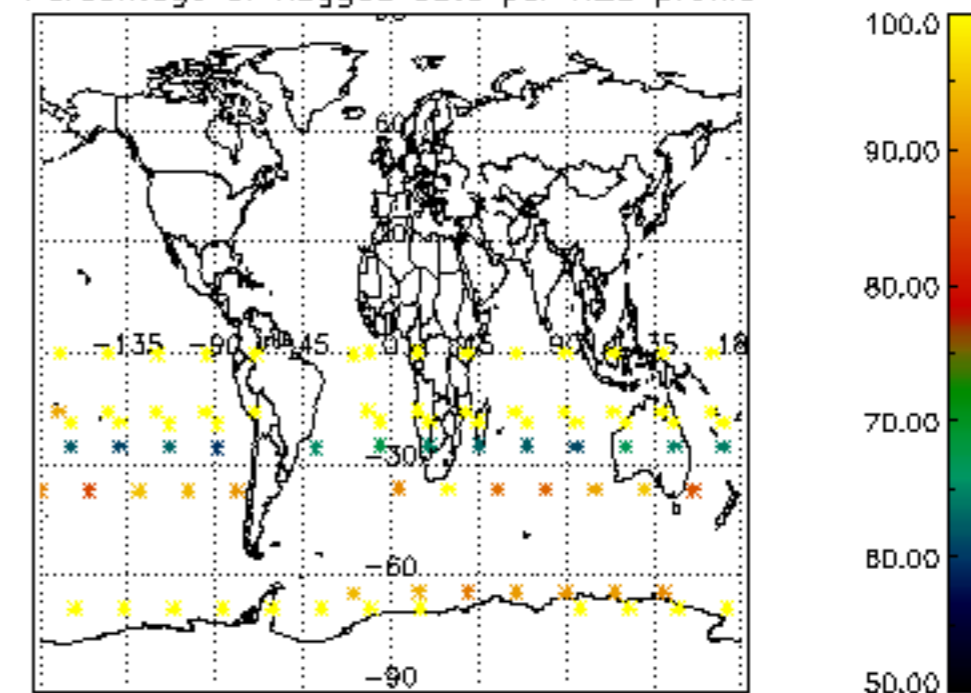




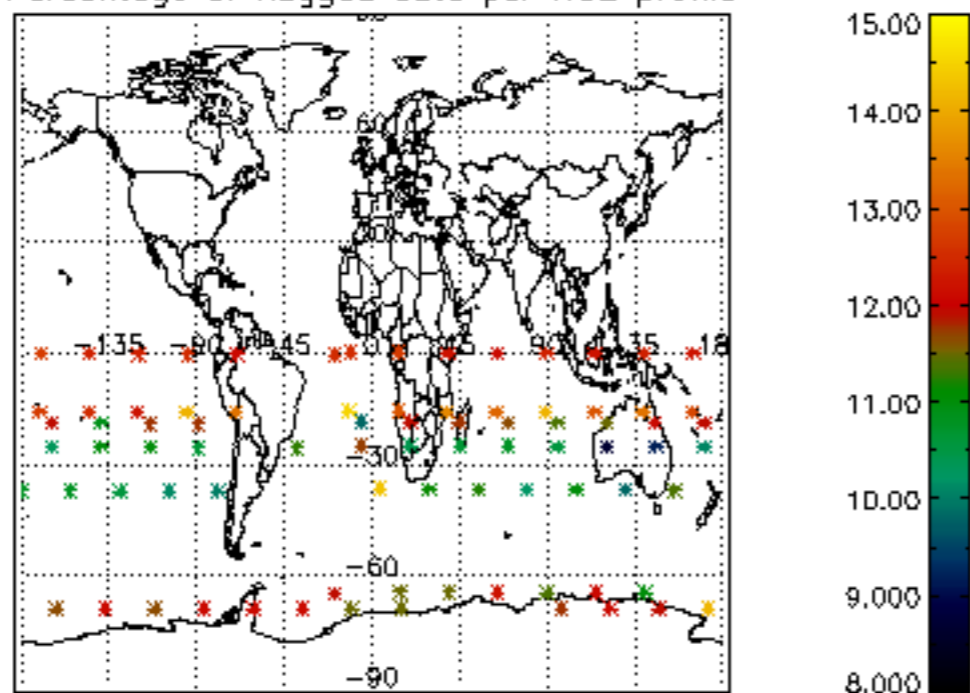
Percentage of flagged data per D3 profile



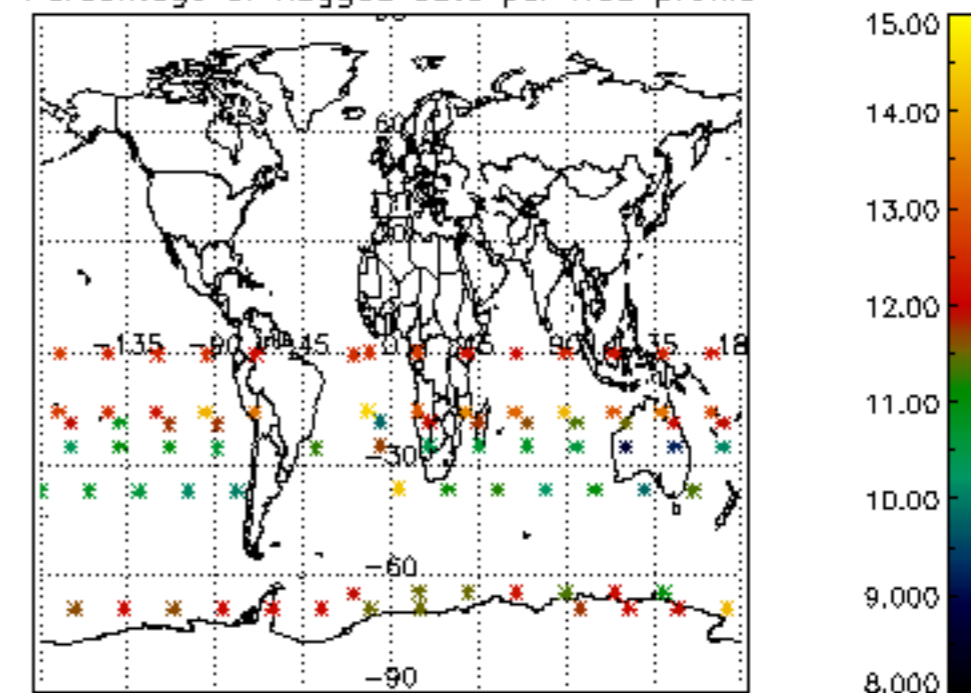
Percentage of flagged data per H2O profile

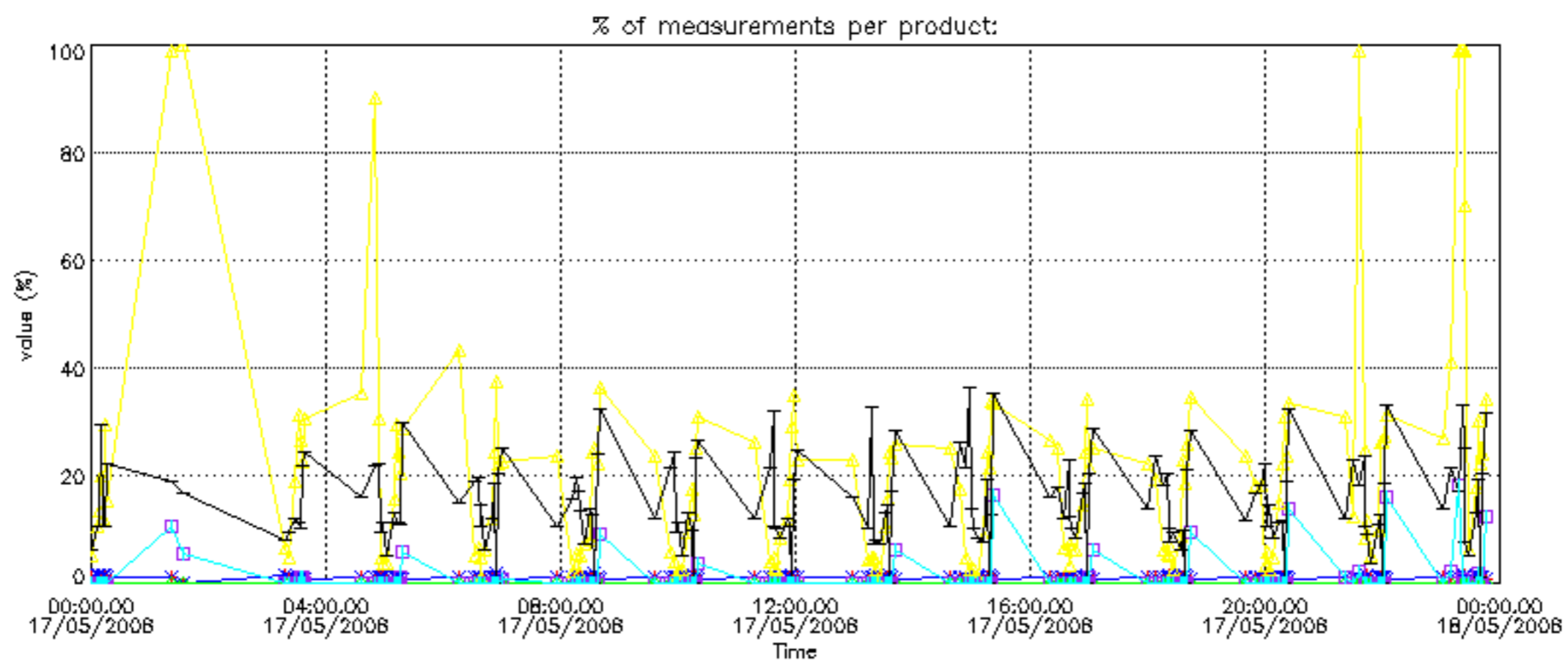
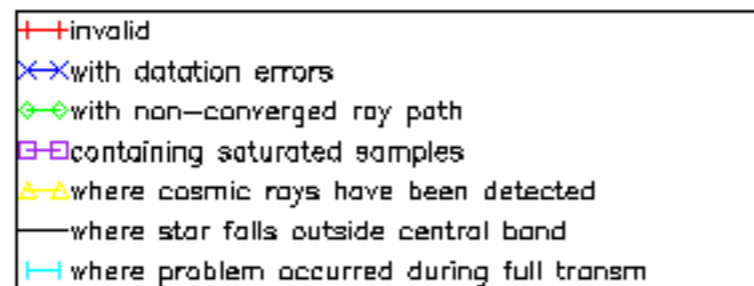


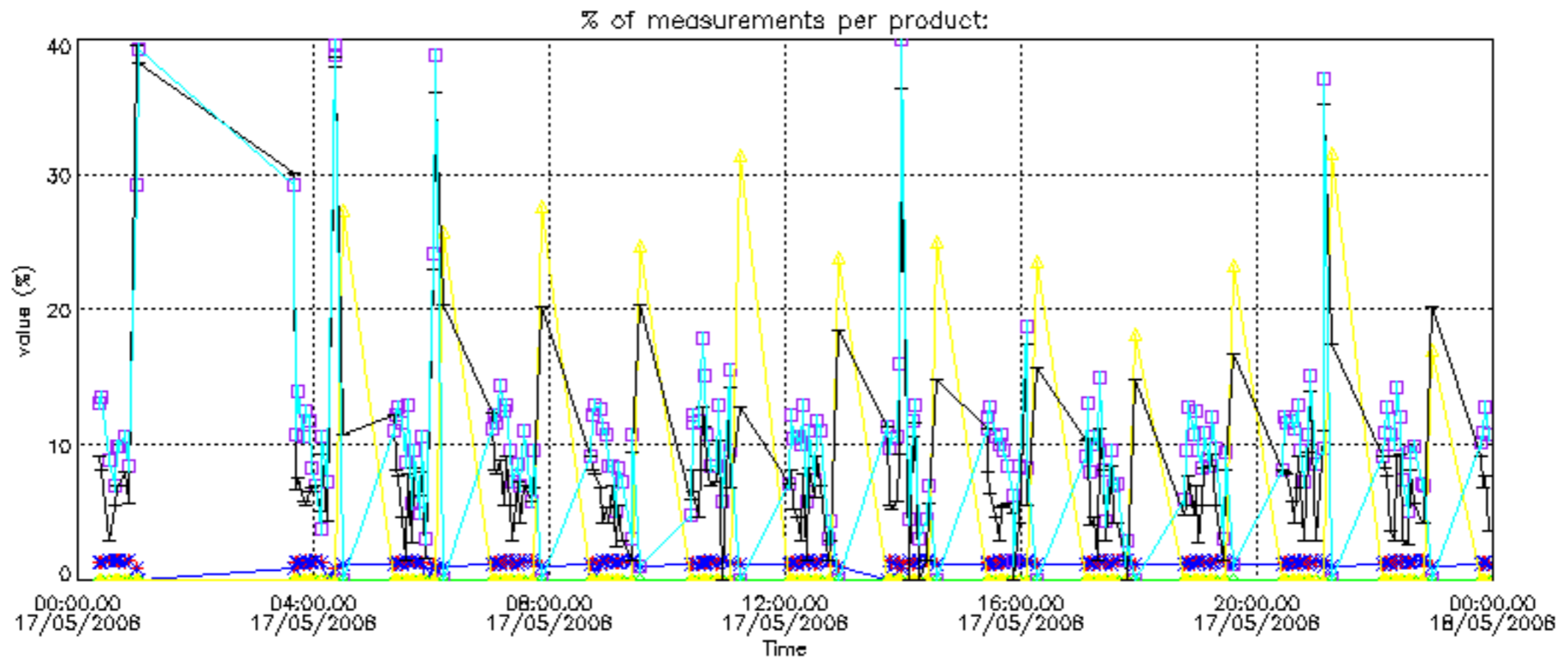
Percentage of flagged data per NO2 profile



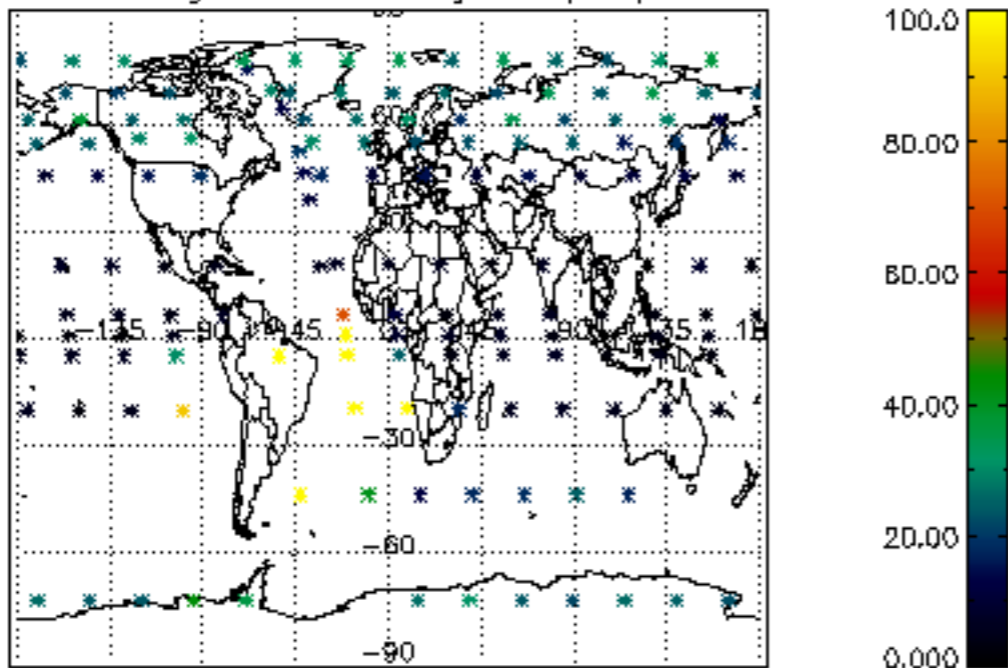
Percentage of flagged data per NO3 profile



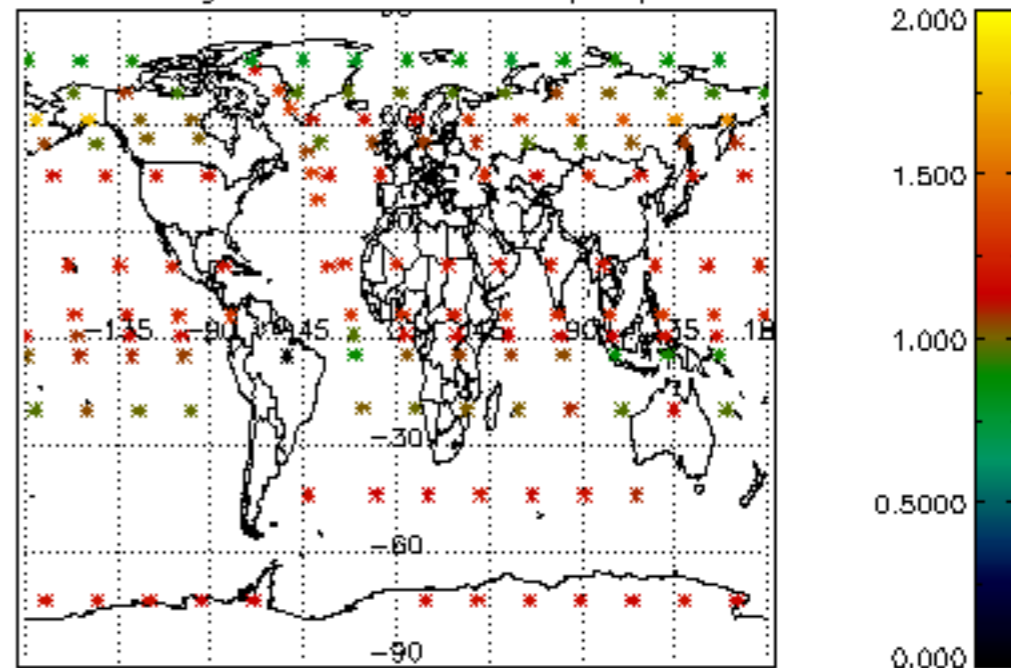




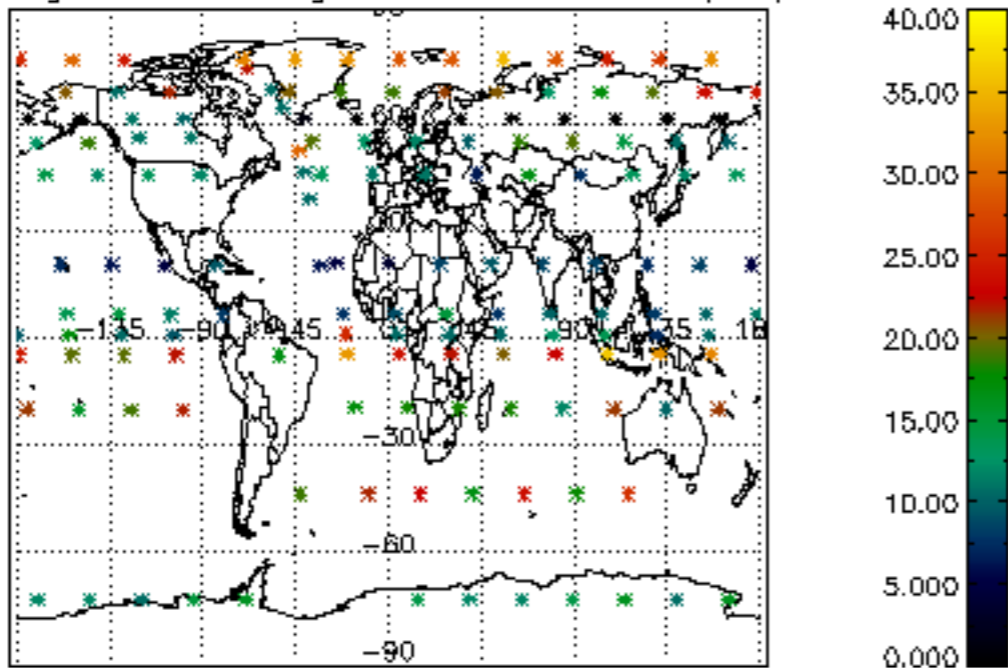
Percentage of cosmic ray hits per profile



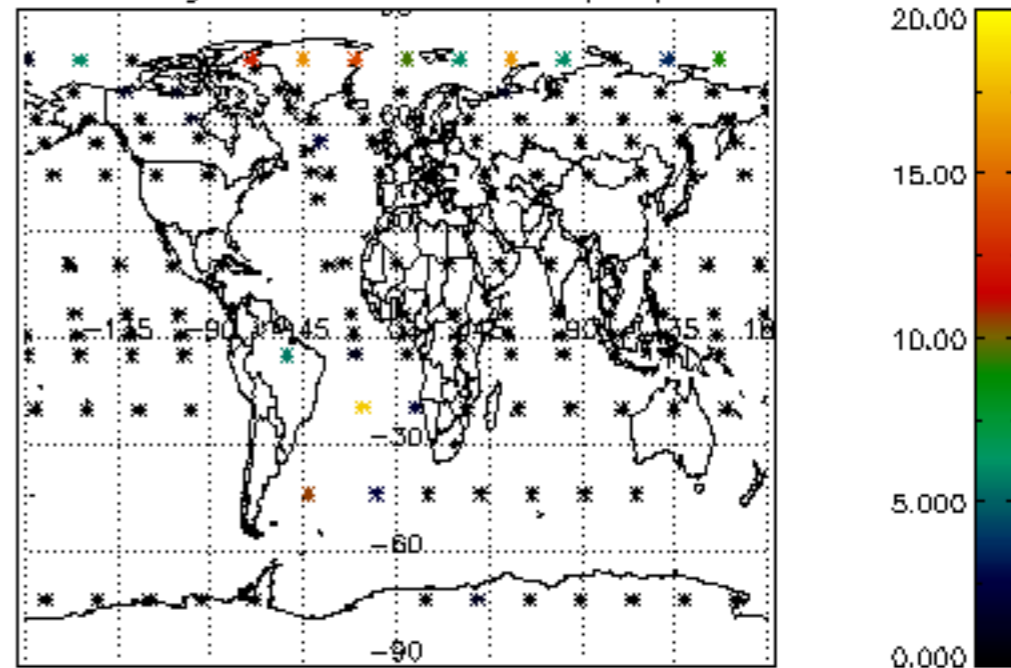
Percentage of datation errors per profile



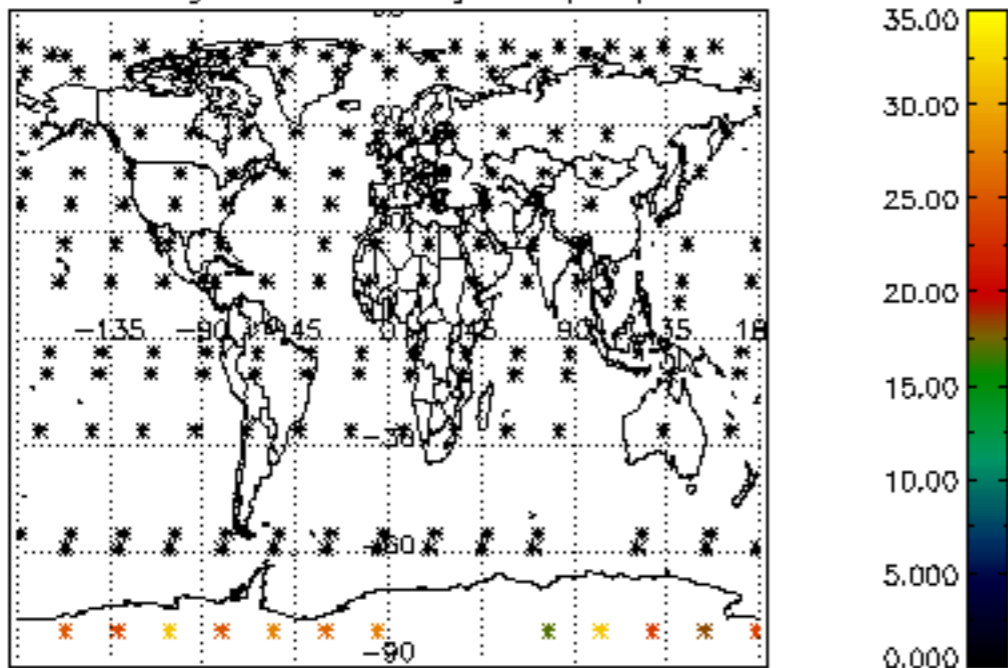
Percentage of star falling outside central band per profile



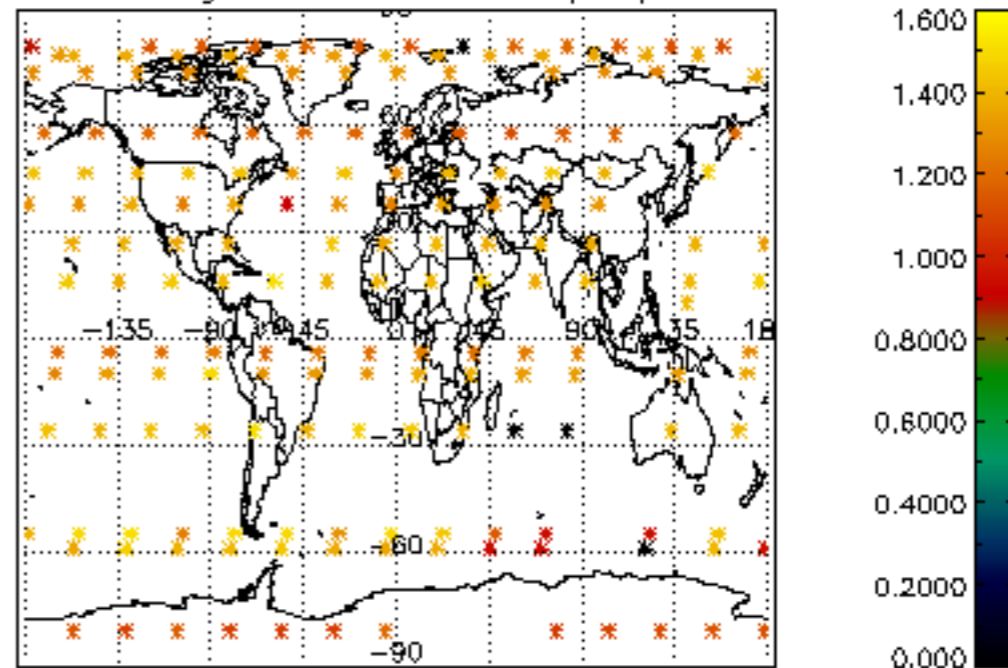
Percentage of saturation errors per profile



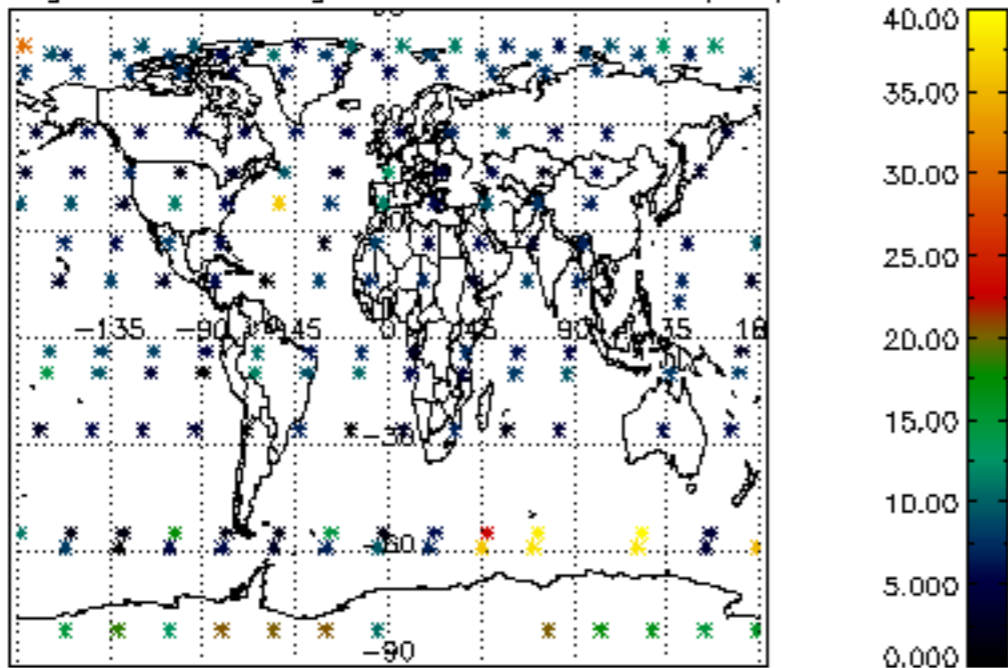
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

