

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	22APR2013 18:49:51
Data source version	GOMOS/6.01
Start time of products	24-04-2007 (24APR2007 00:00:00)
Stop time of products	25-04-2007 (25APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	331
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__2PRFIN20070424_001125_000000512057_00302_26909_2439.N1	24-APR-2007 00:11:25	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	26909	No
2	GOM_NL__2PRFIN20070424_001514_000000392057_00302_26909_2440.N1	24-APR-2007 00:15:14	Dark	39.000	172	Gam Gru	3.0030	13100.	78	26909	No
3	GOM_NL__2PRFIN20070424_001703_000000402057_00302_26909_2441.N1	24-APR-2007 00:17:03	Dark	40.000	31	Alp Gru	1.7340	15200.	80	26909	No
4	GOM_NL__2PRFIN20070424_001959_000000452057_00302_26909_2442.N1	24-APR-2007 00:19:59	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	26909	No
5	GOM_NL__2PRFIN20070424_002219_000000402057_00303_26910_2546.N1	24-APR-2007 00:22:19	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26910	No
6	GOM_NL__2PRFIN20070424_002921_000000482057_00303_26910_2547.N1	24-APR-2007 00:29:21	Dark	47.500	43	Alp TrA	1.9100	4250.0	95	26910	No
7	GOM_NL__2PRFIN20070424_003131_000000382057_00303_26910_2548.N1	24-APR-2007 00:31:31	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26910	No
8	GOM_NL__2PRFIN20070424_003345_000000522057_00303_26910_2549.N1	24-APR-2007 00:33:45	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	26910	No
9	GOM_NL__2PRFIN20070424_003704_000000382057_00303_26910_2550.N1	24-APR-2007 00:37:04	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	26910	No
10	GOM_NL__2PRFIN20070424_003838_000000422057_00303_26910_2551.N1	24-APR-2007 00:38:38	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26910	No
11	GOM_NL__2PRFIN20070424_004051_000000472057_00303_26910_2552.N1	24-APR-2007 00:40:51	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	26910	No
12	GOM_NL__2PRFIN20070424_004518_000000422057_00303_26910_2553.N1	24-APR-2007 00:45:18	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	26910	No
13	GOM_NL__2PRFIN20070424_004845_000000412057_00303_26910_2554.N1	24-APR-2007 00:48:45	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	26910	No
14	GOM_NL__2PRFIN20070424_005147_000000362057_00303_26910_2555.N1	24-APR-2007 00:51:47	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26910	No
15	GOM_NL__2PRFIN20070424_005517_000000372057_00303_26910_2556.N1	24-APR-2007 00:55:17	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26910	No
16	GOM_NL__2PRFIN20070424_010310_000000362057_00303_26910_2557.N1	24-APR-2007 01:03:10	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	26910	No
17	GOM_NL__2PRFIN20070424_010725_000000342057_00303_26910_2558.N1	24-APR-2007 01:07:25	Bright	33.500	87	64Gam UMa	2.4330	11000.	67	26910	No
18	GOM_NL__2PRFIN20070424_010958_000000352057_00303_26910_2559.N1	24-APR-2007 01:09:58	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	26910	No
19	GOM_NL__2PRFIN20070424_011747_000000352057_00303_26910_2560.N1	24-APR-2007 01:17:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26910	No
20	GOM_NL__2PRFIN20070424_012534_000000332057_00303_26910_2561.N1	24-APR-2007 01:25:34	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	26910	No
21	GOM_NL__2PRFIN20070424_012651_000000522057_00303_26910_2562.N1	24-APR-2007 01:26:51	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26910	No
22	GOM_NL__2PRFIN20070424_013542_000000402057_00303_26910_2563.N1	24-APR-2007 01:35:42	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	26910	No
23	GOM_NL__2PRFIN20070424_013928_000000412057_00303_26910_2564.N1	24-APR-2007 01:39:28	Twi_and_stray	40.500	90	54Alp Peg	2.4870	11000.	81	26910	No
24	GOM_NL__2PRFIN20070424_015201_000000452057_00303_26910_2565.N1	24-APR-2007 01:52:01	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	26910	No
25	GOM_NL__2PRFIN20070424_015550_000000412057_00303_26910_2566.N1	24-APR-2007 01:55:50	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26910	No
26	GOM_NL__2PRFIN20070424_015739_000000402057_00303_26910_2567.N1	24-APR-2007 01:57:39	Dark	40.000	31	Alp Gru	1.7340	15200.	80	26910	No
27	GOM_NL__2PRFIN20070424_020035_000000432057_00303_26910_2568.N1	24-APR-2007 02:00:35	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	26910	No
28	GOM_NL__2PRFIN20070424_020255_000000412057_00304_26911_2559.N1	24-APR-2007 02:02:55	Dark	40.500	45	Alp Pav	1.9400	26000.	81	26911	No
29	GOM_NL__2PRFIN20070424_020958_000000422057_00304_26911_2560.N1	24-APR-2007 02:09:58	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	26911	No
30	GOM_NL__2PRFIN20070424_021208_000000392057_00304_26911_2561.N1	24-APR-2007 02:12:08	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	26911	No
31	GOM_NL__2PRFIN20070424_021421_000000492057_00304_26911_2562.N1	24-APR-2007 02:14:21	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	26911	No
32	GOM_NL__2PRFIN20070424_021741_000000432057_00304_26911_2563.N1	24-APR-2007 02:17:41	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	26911	No
33	GOM_NL__2PRFIN20070424_021915_000000422057_00304_26911_2564.N1	24-APR-2007 02:19:15	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26911	No
34	GOM_NL__2PRFIN20070424_022127_000000442057_00304_26911_2565.N1	24-APR-2007 02:21:27	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	26911	No
35	GOM_NL__2PRFIN20070424_022554_000000432057_00304_26911_2566.N1	24-APR-2007 02:25:54	Twi_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	26911	No
36	GOM_NL__2PRFIN20070424_022921_000000402057_00304_26911_2567.N1	24-APR-2007 02:29:21	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	26911	No
37	GOM_NL__2PRFIN20070424_023223_000000372057_00304_26911_2568.N1	24-APR-2007 02:32:23	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26911	No
38	GOM_NL__2PRFIN20070424_023553_000000362057_00304_26911_2569.N1	24-APR-2007 02:35:53	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26911	No
39	GOM_NL__2PRFIN20070424_024346_000000372057_00304_26911_2570.N1	24-APR-2007 02:43:46	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26911	No
40	GOM_NL__2PRFIN20070424_024801_000000342057_00304_26911_2571.N1	24-APR-2007 02:48:01	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26911	No
41	GOM_NL__2PRFIN20070424_025034_000000352057_00304_26911_2572.N1	24-APR-2007 02:50:34	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	26911	No
42	GOM_NL__2PRFIN20070424_025823_000000332057_00304_26911_2573.N1	24-APR-2007 02:58:23	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	26911	No

161	GOM_NL__2PRFIN20070424_115930_000000422057_00309_26916_2533.N1	24-APR-2007 11:59:30	Dark	41.500	172	Gam Gru	3.0030	13100.	83	26916	No
162	GOM_NL__2PRFIN20070424_120117_000000442057_00309_26916_2534.N1	24-APR-2007 12:01:17	Dark	43.500	31	Alp Gru	1.7340	15200.	87	26916	No
163	GOM_NL__2PRFIN20070424_120413_000000412057_00309_26916_2535.N1	24-APR-2007 12:04:13	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	26916	No
164	GOM_NL__2PRFIN20070424_120635_000000402057_00310_26917_4255.N1	24-APR-2007 12:06:35	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26917	No
165	GOM_NL__2PRFIN20070424_121336_000000442057_00310_26917_4256.N1	24-APR-2007 12:13:36	Dark	43.500	43	Alp TrA	1.9100	4250.0	87	26917	No
166	GOM_NL__2PRFIN20070424_121546_000000382057_00310_26917_4257.N1	24-APR-2007 12:15:46	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26917	No
167	GOM_NL__2PRFIN20070424_121759_000000482057_00310_26917_4258.N1	24-APR-2007 12:17:59	Straylight	47.500	4	Alp1Cen	-0.010000	5800.0	95	26917	No
168	GOM_NL__2PRFIN20070424_122118_000000392057_00310_26917_4259.N1	24-APR-2007 12:21:18	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26917	No
169	GOM_NL__2PRFIN20070424_122252_000000402057_00310_26917_4260.N1	24-APR-2007 12:22:52	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26917	No
170	GOM_NL__2PRFIN20070424_122505_000000462057_00310_26917_4261.N1	24-APR-2007 12:25:05	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26917	No
171	GOM_NL__2PRFIN20070424_122931_000000422057_00310_26917_4262.N1	24-APR-2007 12:29:31	TwI_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	26917	No
172	GOM_NL__2PRFIN20070424_123257_000000402057_00310_26917_4263.N1	24-APR-2007 12:32:57	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26917	No
173	GOM_NL__2PRFIN20070424_123559_000000352057_00310_26917_4264.N1	24-APR-2007 12:35:59	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26917	No
174	GOM_NL__2PRFIN20070424_123929_000000362057_00310_26917_4265.N1	24-APR-2007 12:39:29	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26917	No
175	GOM_NL__2PRFIN20070424_124721_000000362057_00310_26917_4266.N1	24-APR-2007 12:47:21	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26917	No
176	GOM_NL__2PRFIN20070424_125137_000000352057_00310_26917_4267.N1	24-APR-2007 12:51:37	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26917	No
177	GOM_NL__2PRFIN20070424_125411_000000372057_00310_26917_4268.N1	24-APR-2007 12:54:11	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26917	No
178	GOM_NL__2PRFIN20070424_125837_000000282057_00310_26917_4269.N1	24-APR-2007 12:58:37	Bright	28.000	60	7Bet UMi	2.0810	3950.0	56	26917	No
179	GOM_NL__2PRFIN20070424_130159_000000342057_00310_26917_4270.N1	24-APR-2007 13:01:59	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26917	No
180	GOM_NL__2PRFIN20070424_130946_000000322057_00310_26917_4271.N1	24-APR-2007 13:09:46	Bright	32.000	76	27Gam Cas	2.3000	30000.	64	26917	No
181	GOM_NL__2PRFIN20070424_131104_000000322057_00310_26917_4272.N1	24-APR-2007 13:11:04	Bright	32.000	68	18Alp Cas	2.2250	4500.0	64	26917	No
182	GOM_NL__2PRFIN20070424_131955_000000382057_00310_26917_4273.N1	24-APR-2007 13:19:55	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	26917	No
183	GOM_NL__2PRFIN20070424_132341_000000432057_00310_26917_4274.N1	24-APR-2007 13:23:41	TwI_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	26917	No
184	GOM_NL__2PRFIN20070424_133615_000000432057_00310_26917_4275.N1	24-APR-2007 13:36:15	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26917	No
185	GOM_NL__2PRFIN20070424_134006_000000412057_00310_26917_4276.N1	24-APR-2007 13:40:06	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26917	No
186	GOM_NL__2PRFIN20070424_134154_000000422057_00310_26917_4277.N1	24-APR-2007 13:41:54	Dark	42.000	31	Alp Gru	1.7340	15200.	84	26917	No
187	GOM_NL__2PRFIN20070424_134449_000000382057_00310_26917_4278.N1	24-APR-2007 13:44:49	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	26917	No
188	GOM_NL__2PRFIN20070424_134711_000000402057_00311_26918_2569.N1	24-APR-2007 13:47:11	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26918	No
189	GOM_NL__2PRFIN20070424_135412_000000422057_00311_26918_2570.N1	24-APR-2007 13:54:12	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	26918	No
190	GOM_NL__2PRFIN20070424_135622_000000412057_00311_26918_2571.N1	24-APR-2007 13:56:22	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	26918	No
191	GOM_NL__2PRFIN20070424_135835_000000432057_00311_26918_2572.N1	24-APR-2007 13:58:35	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	26918	No
192	GOM_NL__2PRFIN20070424_140155_000000422057_00311_26918_2573.N1	24-APR-2007 14:01:55	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	26918	No
193	GOM_NL__2PRFIN20070424_140329_000000402057_00311_26918_2574.N1	24-APR-2007 14:03:29	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26918	No
194	GOM_NL__2PRFIN20070424_140541_000000452057_00311_26918_2575.N1	24-APR-2007 14:05:41	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	26918	No
195	GOM_NL__2PRFIN20070424_141007_000000412057_00311_26918_2576.N1	24-APR-2007 14:10:07	TwI_and_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	26918	No
196	GOM_NL__2PRFIN20070424_141333_000000392057_00311_26918_2577.N1	24-APR-2007 14:13:33	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26918	No
197	GOM_NL__2PRFIN20070424_141635_000000362057_00311_26918_2578.N1	24-APR-2007 14:16:35	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26918	No
198	GOM_NL__2PRFIN20070424_142005_000000362057_00311_26918_2579.N1	24-APR-2007 14:20:05	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26918	No
199	GOM_NL__2PRFIN20070424_142757_000000362057_00311_26918_2580.N1	24-APR-2007 14:27:57	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26918	No
200	GOM_NL__2PRFIN20070424_143213_000000362057_00311_26918_2581.N1	24-APR-2007 14:32:13	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26918	No
201	GOM_NL__2PRFIN20070424_143447_000000372057_00311_26918_2582.N1	24-APR-2007 14:34:47	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26918	No
202	GOM_NL__2PRFIN20070424_143912_000000312057_00311_26918_2583.N1	24-APR-2007 14:39:12	Bright	31.000	60	7Bet UMi	2.0810	3950.0	62	26918	No
203	GOM_NL__2PRFIN20070424_144235_000000352057_00311_26918_2584.N1	24-APR-2007 14:42:35	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26918	No
204	GOM_NL__2PRFIN20070424_145022_000000522057_00311_26918_2585.N1	24-APR-2007 14:50:22	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	26918	No
205	GOM_NL__2PRFIN20070424_145140_000000522057_00311_26918_2586.N1	24-APR-2007 14:51:40	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26918	No
206	GOM_NL__2PRFIN20070424_150031_000000522057_00311_26918_2587.N1	24-APR-2007 15:00:31	Bright	51.500	93	53Bet Peg	2.5200	3100.0	103	26918	No
207	GOM_NL__2PRFIN20070424_150417_000000422057_00311_26918_2588.N1	24-APR-2007 15:04:17	TwI_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	26918	No
208	GOM_NL__2PRFIN20070424_151652_000000392057_00311_26918_2589.N1	24-APR-2007 15:16:52	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	26918	No
209	GOM_NL__2PRFIN20070424_152043_000000402057_00311_26918_2590.N1	24-APR-2007 15:20:43	Dark	40.000	172	Gam Gru	3.0030	13100.	80	26918	No
210	GOM_NL__2PRFIN20070424_152230_000000392057_00311_26918_2591.N1	24-APR-2007 15:22:30	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26918	No
211	GOM_NL__2PRFIN20070424_152525_000000382057_00311_26918_2592.N1	24-APR-2007 15:25:25	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	26918	No
212	GOM_NL__2PRFIN20070424_152748_000000392057_00312_26919_2614.N1	24-APR-2007 15:27:48	Dark	38.500	45	Alp Pav	1.9400	26000.	77	26919	No
213	GOM_NL__2PRFIN20070424_153448_000000392057_00312_26919_2615.N1	24-APR-2007 15:34:48	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	26919	No
214	GOM_NL__2PRFIN20070424_153659_000000382057_00312_26919_2616.N1	24-APR-2007 15:36:59	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26919	No
215	GOM_NL__2PRFIN20070424_153911_000000472057_00312_26919_2617.N1	24-APR-2007 15:39:11	Straylight	46.500	4	Alp1Cen	-0.010000	5800.0	93	26919	No
216	GOM_NL__2PRFIN20070424_154231_000000402057_00312_26919_2618.N1	24-APR-2007 15:42:31	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26919	No
217	GOM_NL__2PRFIN20070424_154405_000000422057_00312_26919_2619.N1	24-APR-2007 15:44:05	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26919	No
218	GOM_NL__2PRFIN20070424_154617_000000452057_00312_26919_2620.N1	24-APR-2007 15:46:17	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	26919	No
219	GOM_NL__2PRFIN20070424_155043_000000422057_00312_26919_2621.N1	24-APR-2007 15:50:43	TwI_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	26919	No

220	GOM_NL__2PRFIN20070424_155409_000000392057_00312_26919_2622.N1	24-APR-2007 15:54:09	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26919	No
221	GOM_NL__2PRFIN20070424_155711_000000362057_00312_26919_2623.N1	24-APR-2007 15:57:11	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26919	No
222	GOM_NL__2PRFIN20070424_160040_000000372057_00312_26919_2624.N1	24-APR-2007 16:00:40	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26919	No
223	GOM_NL__2PRFIN20070424_160833_000000372057_00312_26919_2625.N1	24-APR-2007 16:08:33	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26919	No
224	GOM_NL__2PRFIN20070424_161249_000000342057_00312_26919_2626.N1	24-APR-2007 16:12:49	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26919	No
225	GOM_NL__2PRFIN20070424_161523_000000372057_00312_26919_2627.N1	24-APR-2007 16:15:23	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26919	No
226	GOM_NL__2PRFIN20070424_161948_000000312057_00312_26919_2628.N1	24-APR-2007 16:19:48	Bright	31.000	60	7Bet UMi	2.0810	3950.0	62	26919	No
227	GOM_NL__2PRFIN20070424_162311_000000352057_00312_26919_2629.N1	24-APR-2007 16:23:11	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26919	No
228	GOM_NL__2PRFIN20070424_163059_000000332057_00312_26919_2630.N1	24-APR-2007 16:30:59	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	26919	No
229	GOM_NL__2PRFIN20070424_163216_000000342057_00312_26919_2631.N1	24-APR-2007 16:32:16	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26919	No
230	GOM_NL__2PRFIN20070424_164107_000000412057_00312_26919_2632.N1	24-APR-2007 16:41:07	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	26919	No
231	GOM_NL__2PRFIN20070424_164453_000000392057_00312_26919_2633.N1	24-APR-2007 16:44:53	Tw_i_and_stray	39.000	90	54Alp Peg	2.4870	11000.	78	26919	No
232	GOM_NL__2PRFIN20070424_165728_000000432057_00312_26919_2634.N1	24-APR-2007 16:57:28	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26919	No
233	GOM_NL__2PRFIN20070424_170119_000000412057_00312_26919_2635.N1	24-APR-2007 17:01:19	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26919	No
234	GOM_NL__2PRFIN20070424_170307_000000442057_00312_26919_2636.N1	24-APR-2007 17:03:07	Dark	43.500	31	Alp Gru	1.7340	15200.	87	26919	No
235	GOM_NL__2PRFIN20070424_170602_000000392057_00312_26919_2637.N1	24-APR-2007 17:06:02	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	26919	No
236	GOM_NL__2PRFIN20070424_170824_000000422057_00313_26920_2754.N1	24-APR-2007 17:08:24	Dark	42.000	45	Alp Pav	1.9400	26000.	84	26920	No
237	GOM_NL__2PRFIN20070424_171525_000000422057_00313_26920_2755.N1	24-APR-2007 17:15:25	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	26920	No
238	GOM_NL__2PRFIN20070424_171735_000000392057_00313_26920_2756.N1	24-APR-2007 17:17:35	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26920	No
239	GOM_NL__2PRFIN20070424_171948_000000512057_00313_26920_2757.N1	24-APR-2007 17:19:48	Straylight	50.500	4	Alp1Cen	-0.010000	5800.0	101	26920	No
240	GOM_NL__2PRFIN20070424_172308_000000442057_00313_26920_2758.N1	24-APR-2007 17:23:08	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	26920	No
241	GOM_NL__2PRFIN20070424_172441_000000412057_00313_26920_2759.N1	24-APR-2007 17:24:41	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	26920	No
242	GOM_NL__2PRFIN20070424_172653_000000462057_00313_26920_2760.N1	24-APR-2007 17:26:53	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	26920	No
243	GOM_NL__2PRFIN20070424_173119_000000422057_00313_26920_2761.N1	24-APR-2007 17:31:19	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	26920	No
244	GOM_NL__2PRFIN20070424_173445_000000392057_00313_26920_2762.N1	24-APR-2007 17:34:45	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26920	No
245	GOM_NL__2PRFIN20070424_173747_000000372057_00313_26920_2763.N1	24-APR-2007 17:37:47	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	26920	No
246	GOM_NL__2PRFIN20070424_174116_000000372057_00313_26920_2764.N1	24-APR-2007 17:41:16	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26920	No
247	GOM_NL__2PRFIN20070424_174909_000000352057_00313_26920_2765.N1	24-APR-2007 17:49:09	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26920	No
248	GOM_NL__2PRFIN20070424_175325_000000362057_00313_26920_2766.N1	24-APR-2007 17:53:25	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26920	No
249	GOM_NL__2PRFIN20070424_175600_000000372057_00313_26920_2767.N1	24-APR-2007 17:56:00	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26920	No
250	GOM_NL__2PRFIN20070424_180024_000000352057_00313_26920_2768.N1	24-APR-2007 18:00:24	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	26920	No
251	GOM_NL__2PRFIN20070424_180347_000000352057_00313_26920_2769.N1	24-APR-2007 18:03:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26920	No
252	GOM_NL__2PRFIN20070424_181135_000000342057_00313_26920_2770.N1	24-APR-2007 18:11:35	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26920	No
253	GOM_NL__2PRFIN20070424_181252_000000332057_00313_26920_2771.N1	24-APR-2007 18:12:52	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	26920	No
254	GOM_NL__2PRFIN20070424_182143_000000412057_00313_26920_2772.N1	24-APR-2007 18:21:43	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	26920	No
255	GOM_NL__2PRFIN20070424_182530_000000412057_00313_26920_2773.N1	24-APR-2007 18:25:30	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	26920	No
256	GOM_NL__2PRFIN20070424_183804_000000462057_00313_26920_2774.N1	24-APR-2007 18:38:04	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	26920	No
257	GOM_NL__2PRFIN20070424_184156_000000402057_00313_26920_2775.N1	24-APR-2007 18:41:56	Dark	40.000	172	Gam Gru	3.0030	13100.	80	26920	No
258	GOM_NL__2PRFIN20070424_184343_000000402057_00313_26920_2776.N1	24-APR-2007 18:43:43	Dark	39.500	31	Alp Gru	1.7340	15200.	79	26920	No
259	GOM_NL__2PRFIN20070424_184638_000000412057_00313_26920_2777.N1	24-APR-2007 18:46:38	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	26920	No
260	GOM_NL__2PRFIN20070424_184901_000000492057_00314_26921_2765.N1	24-APR-2007 18:49:01	Dark	49.000	45	Alp Pav	1.9400	26000.	98	26921	No
261	GOM_NL__2PRFIN20070424_185601_000000402057_00314_26921_2766.N1	24-APR-2007 18:56:01	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	26921	No
262	GOM_NL__2PRFIN20070424_185811_000000372057_00314_26921_2767.N1	24-APR-2007 18:58:11	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	26921	No
263	GOM_NL__2PRFIN20070424_190024_000000462057_00314_26921_2768.N1	24-APR-2007 19:00:24	Straylight	45.500	4	Alp1Cen	-0.010000	5800.0	91	26921	No
264	GOM_NL__2PRFIN20070424_190344_000000402057_00314_26921_2769.N1	24-APR-2007 19:03:44	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26921	No
265	GOM_NL__2PRFIN20070424_190518_000000392057_00314_26921_2770.N1	24-APR-2007 19:05:18	Straylight	39.000	81	Eta Cen	2.3560	28000.	78	26921	No
266	GOM_NL__2PRFIN20070424_190730_000000462057_00314_26921_2771.N1	24-APR-2007 19:07:30	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26921	No
267	GOM_NL__2PRFIN20070424_191155_000000422057_00314_26921_2772.N1	24-APR-2007 19:11:55	Tw_i_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	26921	No
268	GOM_NL__2PRFIN20070424_191521_000000412057_00314_26921_2773.N1	24-APR-2007 19:15:21	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	26921	No
269	GOM_NL__2PRFIN20070424_191823_000000362057_00314_26921_2774.N1	24-APR-2007 19:18:23	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26921	No
270	GOM_NL__2PRFIN20070424_192152_000000362057_00314_26921_2775.N1	24-APR-2007 19:21:52	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26921	No
271	GOM_NL__2PRFIN20070424_192945_000000362057_00314_26921_2776.N1	24-APR-2007 19:29:45	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26921	No
272	GOM_NL__2PRFIN20070424_193401_000000362057_00314_26921_2777.N1	24-APR-2007 19:34:01	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26921	No
273	GOM_NL__2PRFIN20070424_193636_000000372057_00314_26921_2778.N1	24-APR-2007 19:36:36	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26921	No
274	GOM_NL__2PRFIN20070424_194100_000000352057_00314_26921_2779.N1	24-APR-2007 19:41:00	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	26921	No
275	GOM_NL__2PRFIN20070424_194423_000000352057_00314_26921_2780.N1	24-APR-2007 19:44:23	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26921	No
276	GOM_NL__2PRFIN20070424_195211_000000342057_00314_26921_2781.N1	24-APR-2007 19:52:11	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26921	No
277	GOM_NL__2PRFIN20070424_195328_000000342057_00314_26921_2782.N1	24-APR-2007 19:53:28	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26921	No
278	GOM_NL__2PRFIN20070424_200220_000000402057_00314_26921_2783.N1	24-APR-2007 20:02:20	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	26921	No

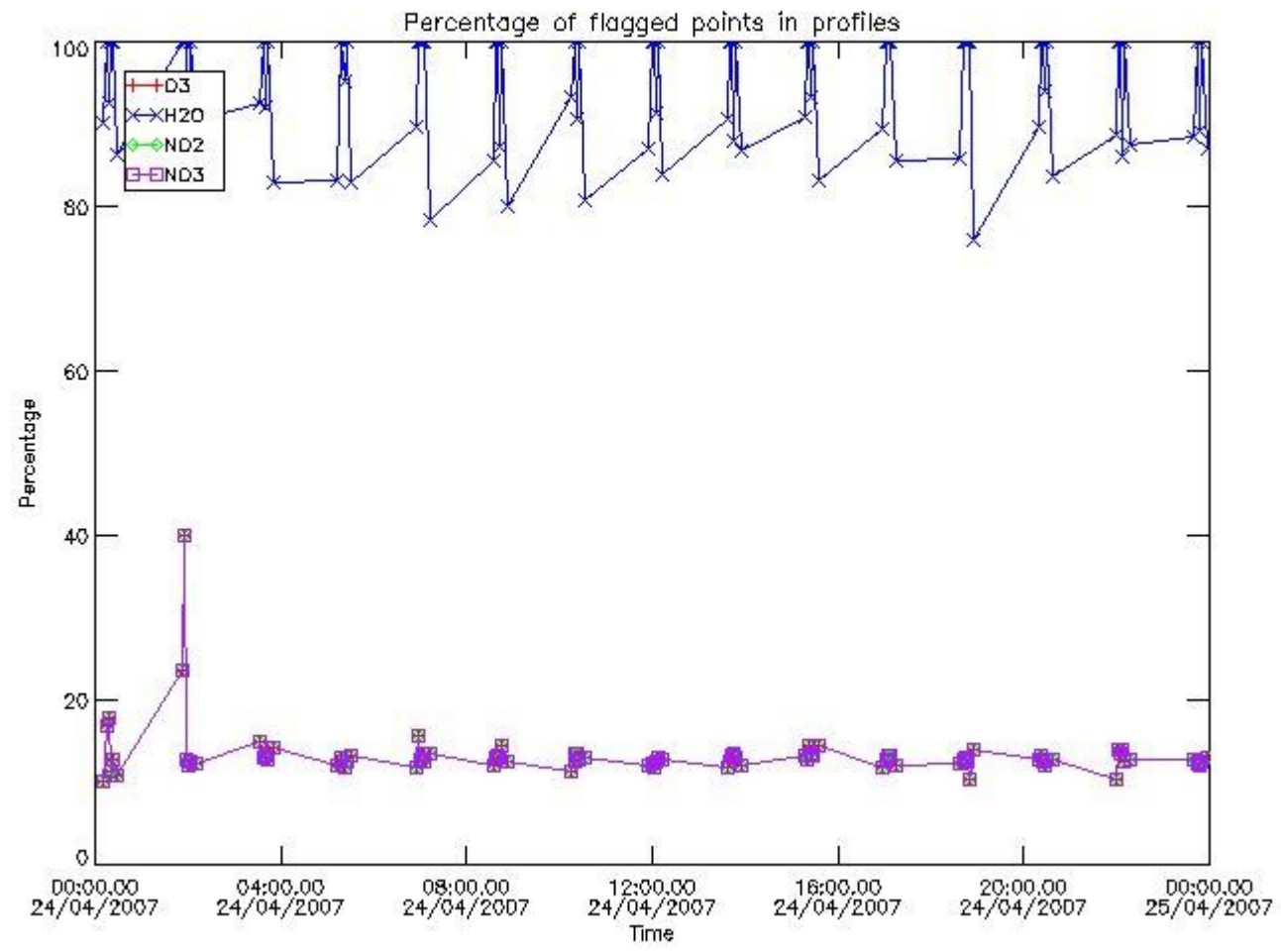
279	GOM_NL__2PRFIN20070424_200606_000000432057_00314_26921_2784.N1	24-APR-2007 20:06:06	Twilight	43.000	90	54Alp Peg	2.4870	11000.	86	26921	No
280	GOM_NL__2PRFIN20070424_201841_000000442057_00314_26921_2785.N1	24-APR-2007 20:18:41	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	26921	No
281	GOM_NL__2PRFIN20070424_202233_000000392057_00314_26921_2786.N1	24-APR-2007 20:22:33	Dark	38.500	172	Gam Gru	3.0030	13100.	77	26921	No
282	GOM_NL__2PRFIN20070424_202420_000000412057_00314_26921_2787.N1	24-APR-2007 20:24:20	Dark	41.000	31	Alp Gru	1.7340	15200.	82	26921	No
283	GOM_NL__2PRFIN20070424_202714_000000432057_00314_26921_2788.N1	24-APR-2007 20:27:14	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	26921	No
284	GOM_NL__2PRFIN20070424_202937_000000402057_00315_26922_4259.N1	24-APR-2007 20:29:37	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26922	No
285	GOM_NL__2PRFIN20070424_203638_000000402057_00315_26922_4260.N1	24-APR-2007 20:36:38	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	26922	No
286	GOM_NL__2PRFIN20070424_203848_000000372057_00315_26922_4261.N1	24-APR-2007 20:38:48	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	26922	No
287	GOM_NL__2PRFIN20070424_204100_000000442057_00315_26922_4262.N1	24-APR-2007 20:41:00	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	26922	No
288	GOM_NL__2PRFIN20070424_204420_000000412057_00315_26922_4263.N1	24-APR-2007 20:44:20	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	26922	No
289	GOM_NL__2PRFIN20070424_204554_000000412057_00315_26922_4264.N1	24-APR-2007 20:45:54	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26922	No
290	GOM_NL__2PRFIN20070424_204806_000000442057_00315_26922_4265.N1	24-APR-2007 20:48:06	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	26922	No
291	GOM_NL__2PRFIN20070424_205232_000000412057_00315_26922_4266.N1	24-APR-2007 20:52:32	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	26922	No
292	GOM_NL__2PRFIN20070424_205557_000000382057_00315_26922_4267.N1	24-APR-2007 20:55:57	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	26922	No
293	GOM_NL__2PRFIN20070424_205859_000000362057_00315_26922_4268.N1	24-APR-2007 20:58:59	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26922	No
294	GOM_NL__2PRFIN20070424_210228_000000362057_00315_26922_4269.N1	24-APR-2007 21:02:28	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26922	No
295	GOM_NL__2PRFIN20070424_211021_000000352057_00315_26922_4270.N1	24-APR-2007 21:10:21	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26922	No
296	GOM_NL__2PRFIN20070424_211438_000000342057_00315_26922_4271.N1	24-APR-2007 21:14:38	Bright	33.500	87	64Gam UMa	2.4330	11000.	67	26922	No
297	GOM_NL__2PRFIN20070424_211712_000000382057_00315_26922_4272.N1	24-APR-2007 21:17:12	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	26922	No
298	GOM_NL__2PRFIN20070424_212135_000000372057_00315_26922_4273.N1	24-APR-2007 21:21:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	26922	No
299	GOM_NL__2PRFIN20070424_212459_000000342057_00315_26922_4274.N1	24-APR-2007 21:24:59	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26922	No
300	GOM_NL__2PRFIN20070424_213247_000000382057_00315_26922_4275.N1	24-APR-2007 21:32:47	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	26922	No
301	GOM_NL__2PRFIN20070424_213404_000000492057_00315_26922_4276.N1	24-APR-2007 21:34:04	Bright	48.500	68	18Alp Cas	2.2250	4500.0	97	26922	No
302	GOM_NL__2PRFIN20070424_214256_000000392057_00315_26922_4277.N1	24-APR-2007 21:42:56	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	26922	No
303	GOM_NL__2PRFIN20070424_214642_000000402057_00315_26922_4278.N1	24-APR-2007 21:46:42	Twilight	39.500	90	54Alp Peg	2.4870	11000.	79	26922	No
304	GOM_NL__2PRFIN20070424_215917_000000492057_00315_26922_4279.N1	24-APR-2007 21:59:17	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	26922	No
305	GOM_NL__2PRFIN20070424_220309_000000402057_00315_26922_4280.N1	24-APR-2007 22:03:09	Dark	40.000	172	Gam Gru	3.0030	13100.	80	26922	No
306	GOM_NL__2PRFIN20070424_220456_000000422057_00315_26922_4281.N1	24-APR-2007 22:04:56	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26922	No
307	GOM_NL__2PRFIN20070424_220750_000000402057_00315_26922_4282.N1	24-APR-2007 22:07:50	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	26922	No
308	GOM_NL__2PRFIN20070424_221014_000000412057_00316_26923_2644.N1	24-APR-2007 22:10:14	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26923	No
309	GOM_NL__2PRFIN20070424_221714_000000402057_00316_26923_2645.N1	24-APR-2007 22:17:14	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	26923	No
310	GOM_NL__2PRFIN20070424_221924_000000392057_00316_26923_2646.N1	24-APR-2007 22:19:24	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26923	No
311	GOM_NL__2PRFIN20070424_222136_000000502057_00316_26923_2647.N1	24-APR-2007 22:21:36	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	26923	No
312	GOM_NL__2PRFIN20070424_222456_000000422057_00316_26923_2648.N1	24-APR-2007 22:24:56	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	26923	No
313	GOM_NL__2PRFIN20070424_222630_000000402057_00316_26923_2649.N1	24-APR-2007 22:26:30	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26923	No
314	GOM_NL__2PRFIN20070424_222842_000000442057_00316_26923_2650.N1	24-APR-2007 22:28:42	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	26923	No
315	GOM_NL__2PRFIN20070424_223308_000000412057_00316_26923_2651.N1	24-APR-2007 22:33:08	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	26923	No
316	GOM_NL__2PRFIN20070424_223633_000000412057_00316_26923_2652.N1	24-APR-2007 22:36:33	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	26923	No
317	GOM_NL__2PRFIN20070424_223935_000000372057_00316_26923_2653.N1	24-APR-2007 22:39:35	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26923	No
318	GOM_NL__2PRFIN20070424_224304_000000362057_00316_26923_2654.N1	24-APR-2007 22:43:04	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26923	No
319	GOM_NL__2PRFIN20070424_225513_000000332057_00316_26923_2655.N1	24-APR-2007 22:55:13	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26923	No
320	GOM_NL__2PRFIN20070424_225748_000000362057_00316_26923_2656.N1	24-APR-2007 22:57:48	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26923	No
321	GOM_NL__2PRFIN20070424_230211_000000382057_00316_26923_2657.N1	24-APR-2007 23:02:11	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	26923	No
322	GOM_NL__2PRFIN20070424_230535_000000322057_00316_26923_2658.N1	24-APR-2007 23:05:35	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	26923	No
323	GOM_NL__2PRFIN20070424_231323_000000352057_00316_26923_2659.N1	24-APR-2007 23:13:23	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	26923	No
324	GOM_NL__2PRFIN20070424_231440_000000352057_00316_26923_2660.N1	24-APR-2007 23:14:40	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	26923	No
325	GOM_NL__2PRFIN20070424_232332_000000412057_00316_26923_2661.N1	24-APR-2007 23:23:32	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	26923	No
326	GOM_NL__2PRFIN20070424_232718_000000422057_00316_26923_2662.N1	24-APR-2007 23:27:18	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	26923	No
327	GOM_NL__2PRFIN20070424_233953_000000442057_00316_26923_2663.N1	24-APR-2007 23:39:53	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	26923	No
328	GOM_NL__2PRFIN20070424_234532_000000422057_00316_26923_2664.N1	24-APR-2007 23:45:32	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26923	No
329	GOM_NL__2PRFIN20070424_234826_000000422057_00316_26923_2665.N1	24-APR-2007 23:48:26	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	26923	No
330	GOM_NL__2PRFIN20070424_235050_000000412057_00317_26924_2669.N1	24-APR-2007 23:50:50	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26924	No
331	GOM_NL__2PRFIN20070424_235750_000000392057_00317_26924_2670.N1	24-APR-2007 23:57:50	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	26924	No

3. Quality information per product

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

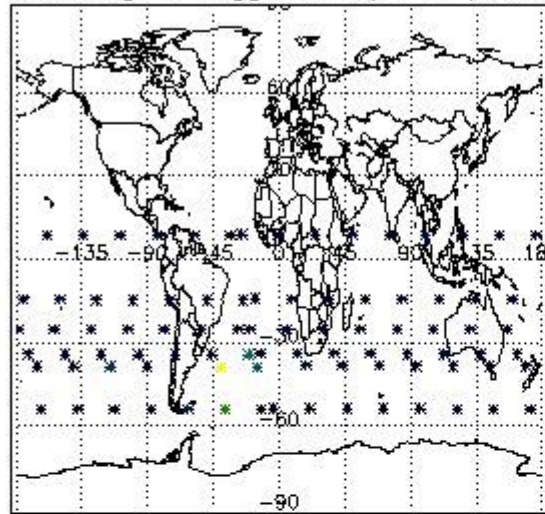
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

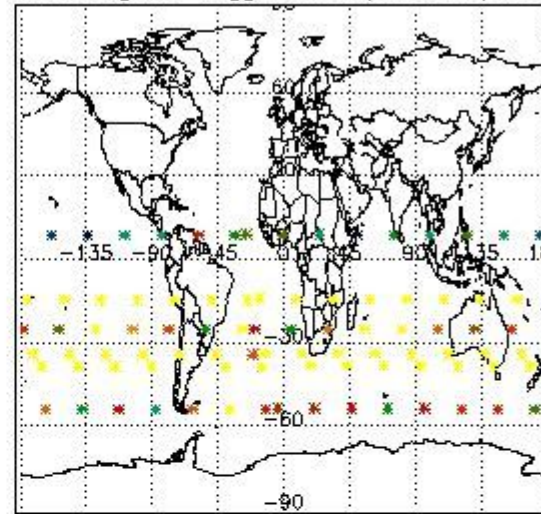


3.2 Plot quality information per product (world map)

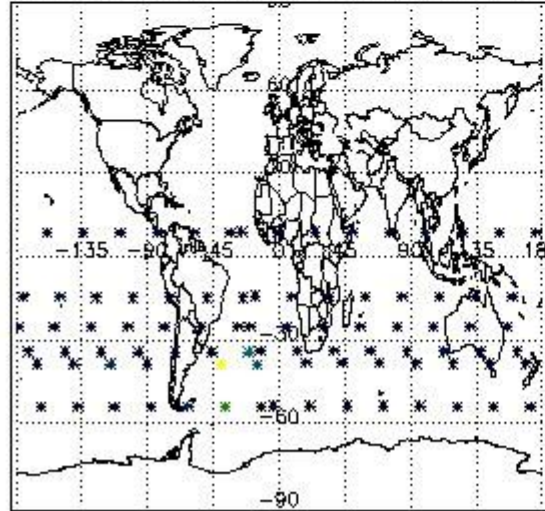
Percentage of flagged data per O3 profile



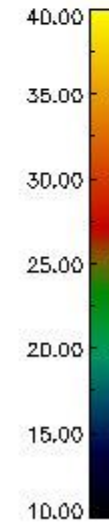
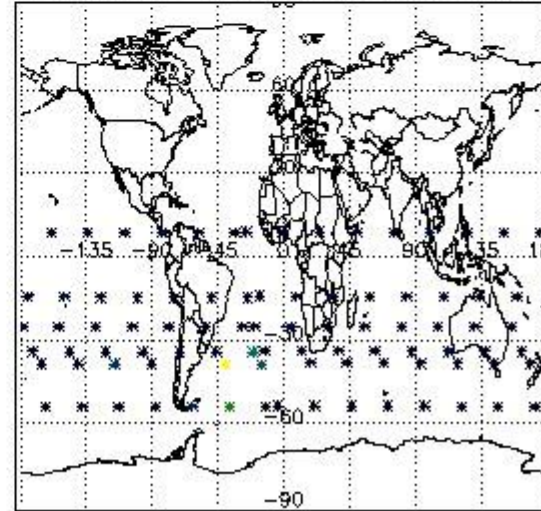
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

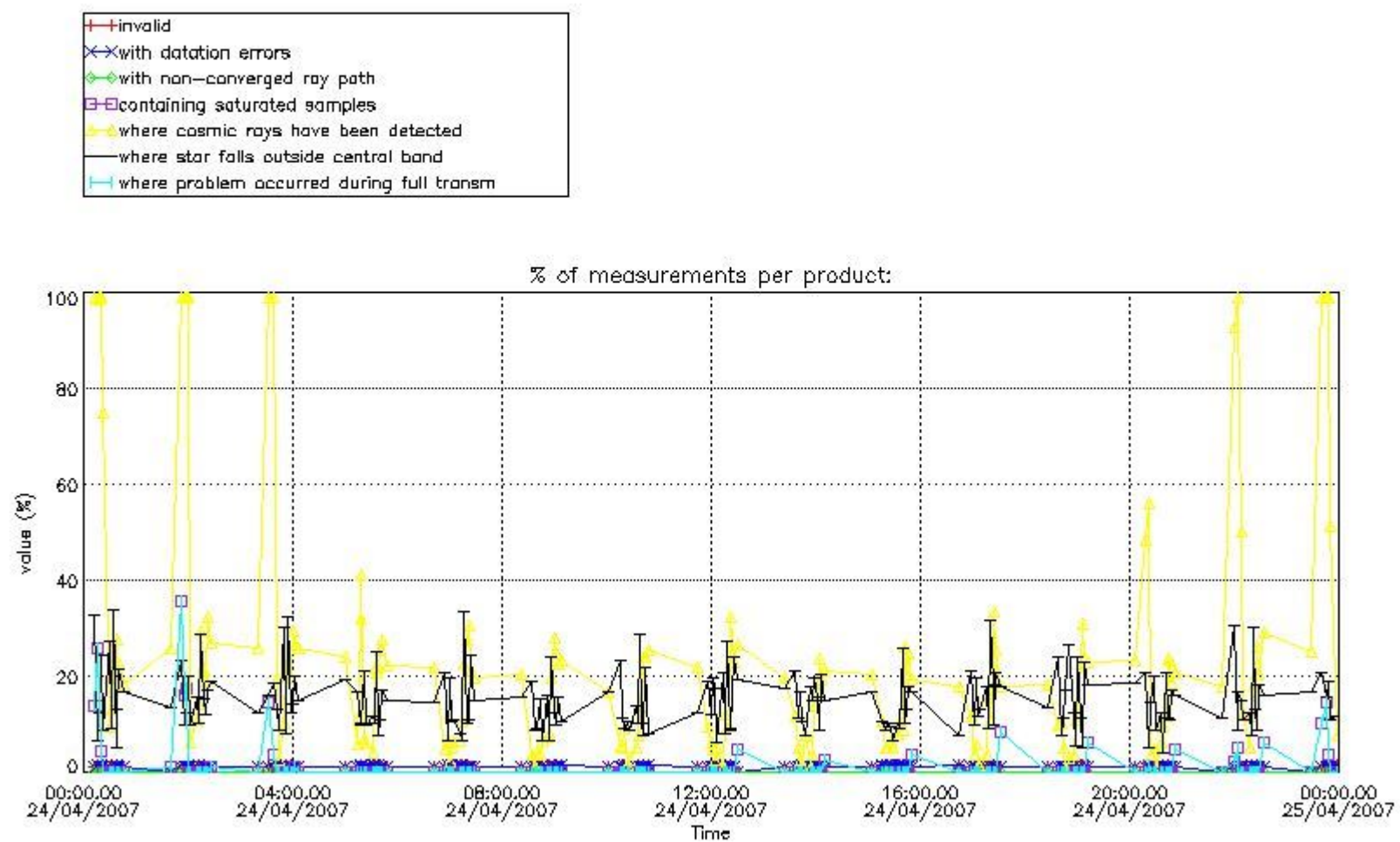


4. Level 1 quality information per product

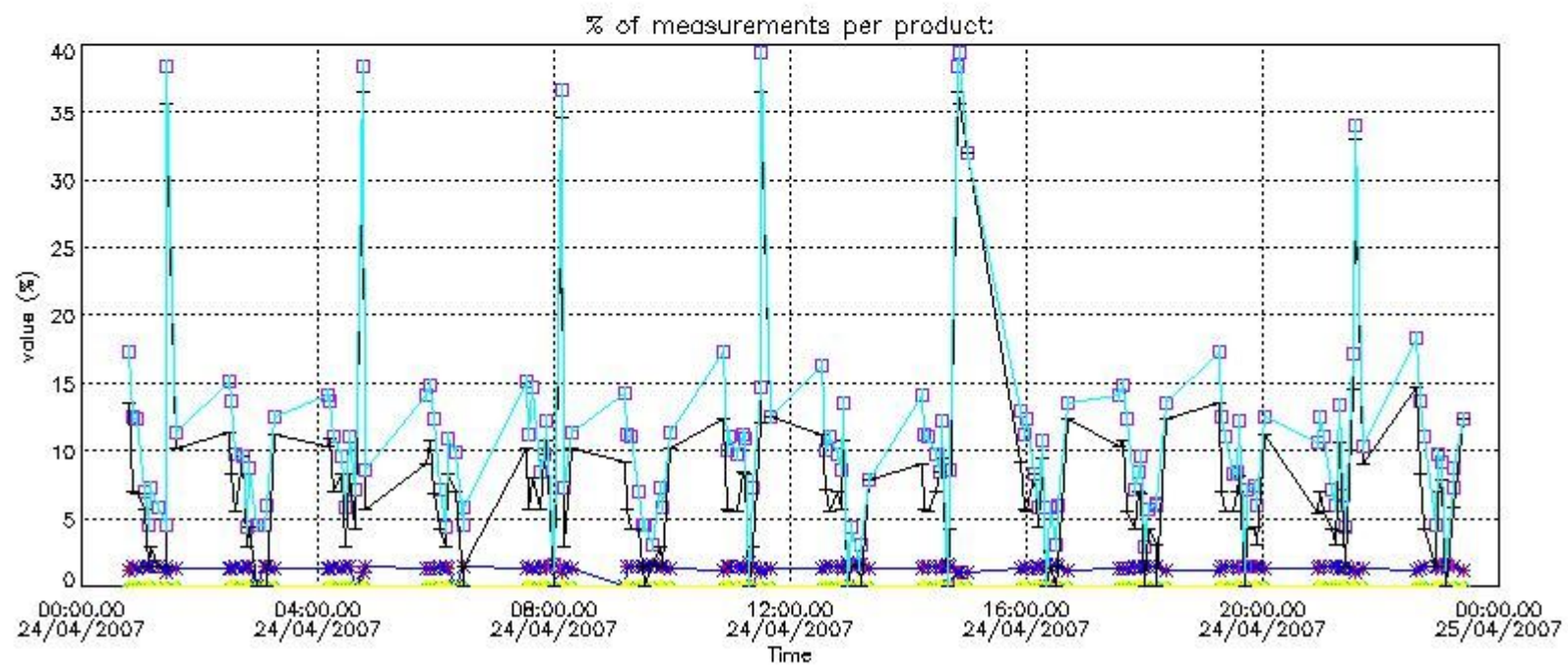
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

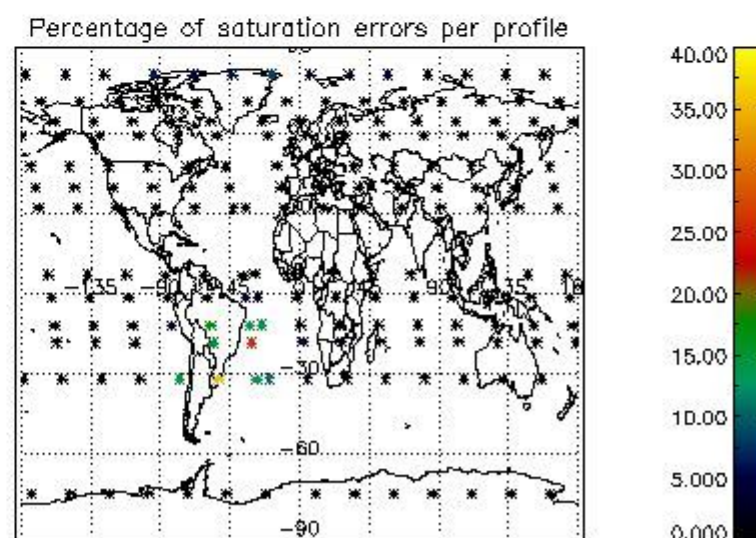
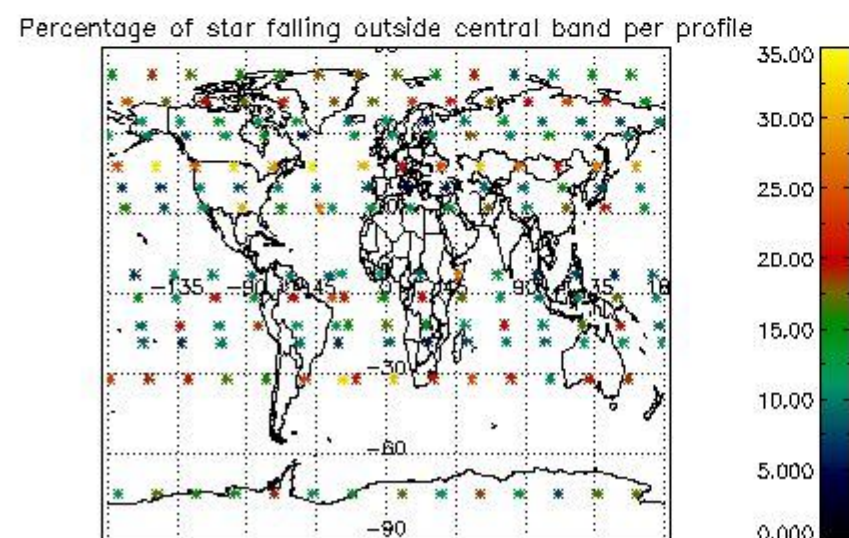
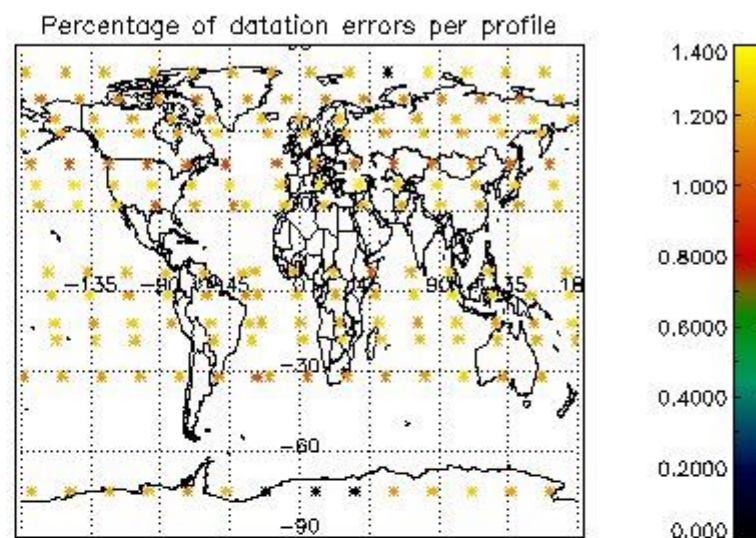
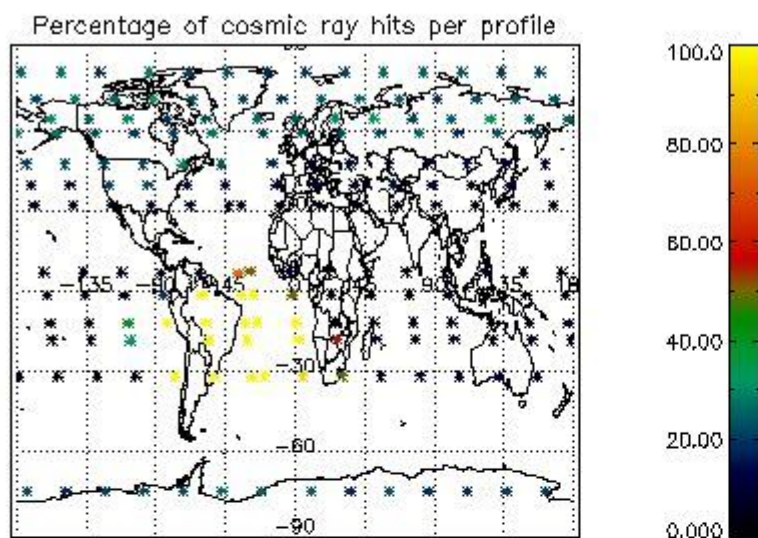


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

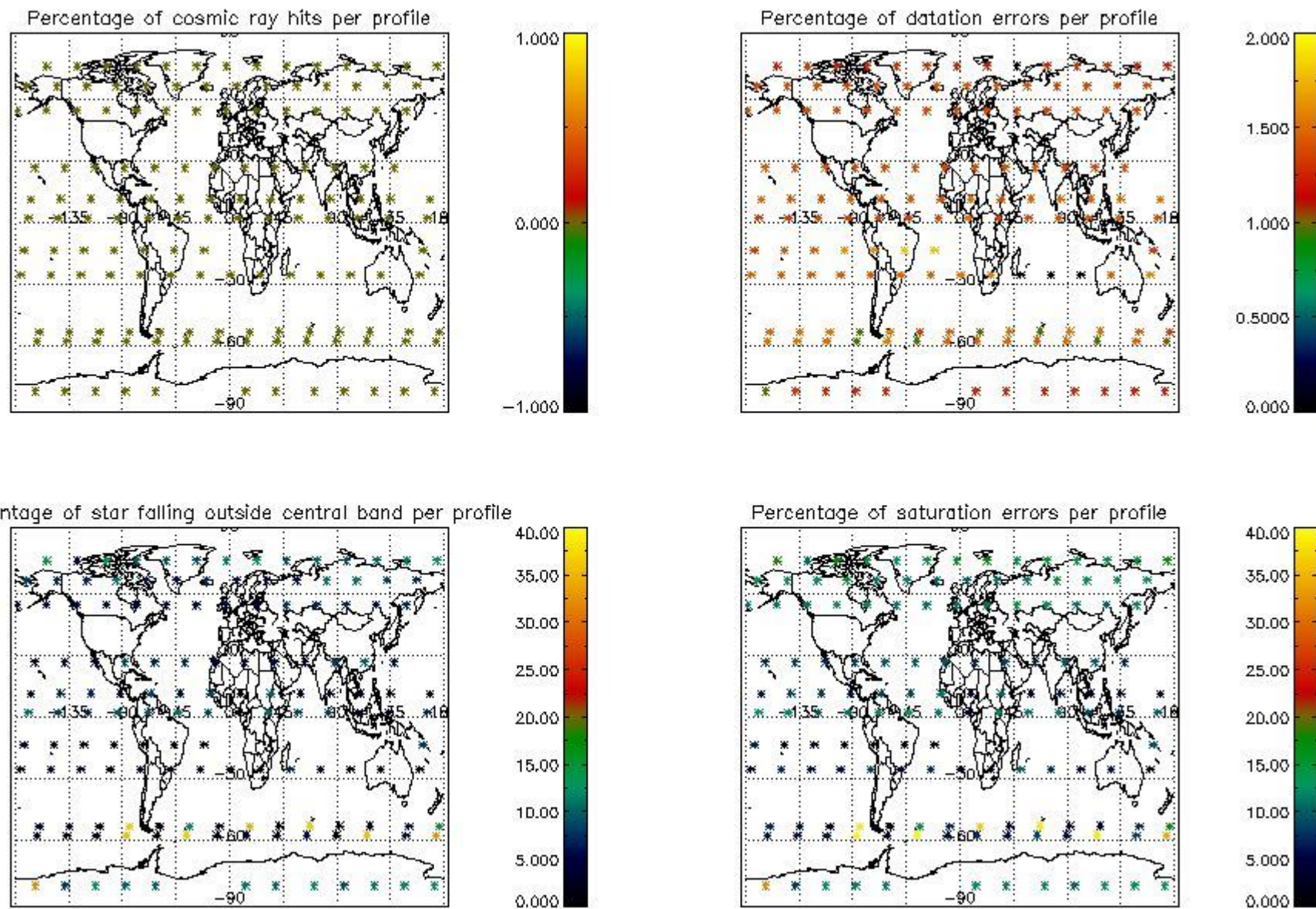


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

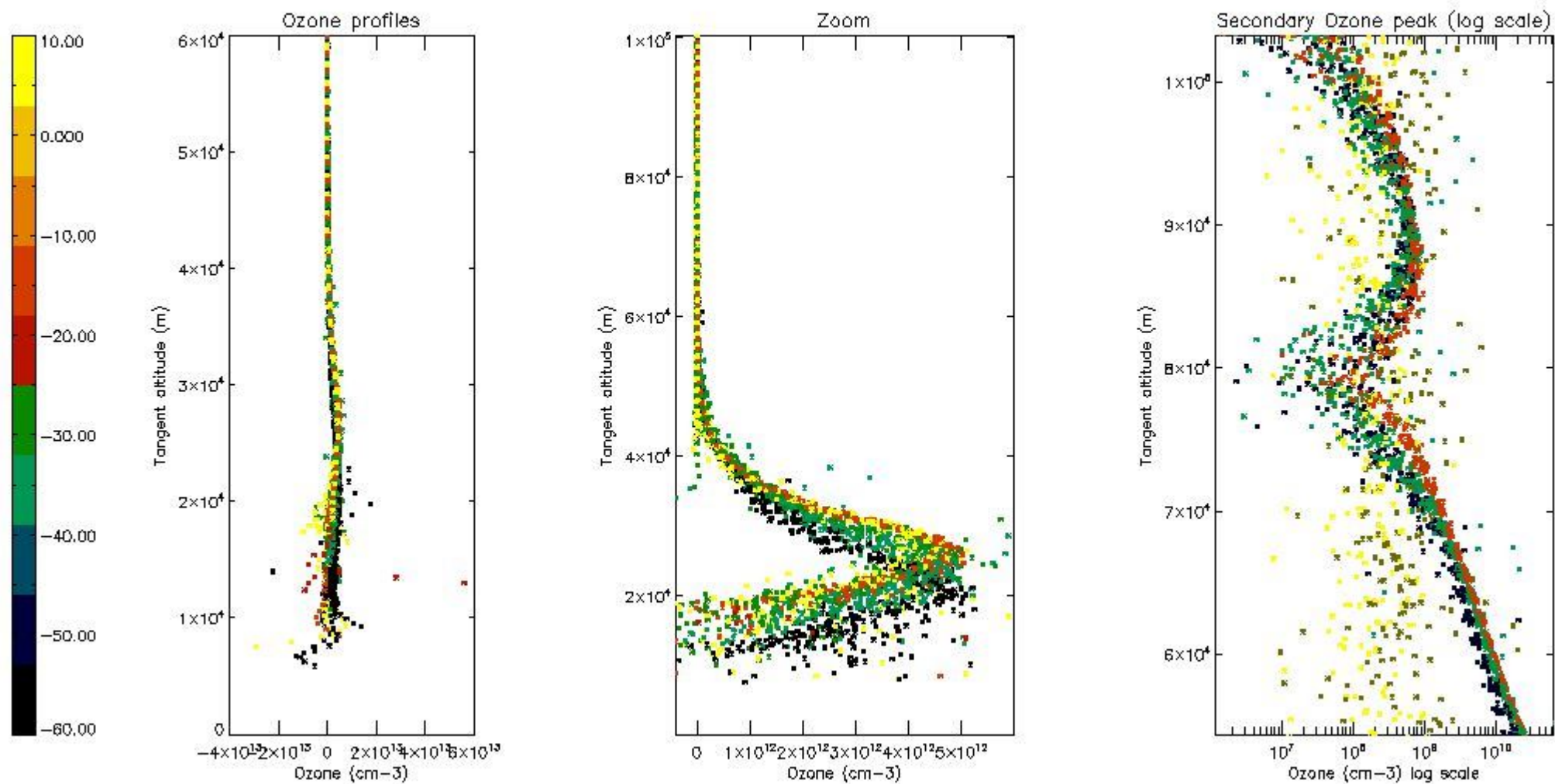
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	14

STD < 10	11
STD < 5	7

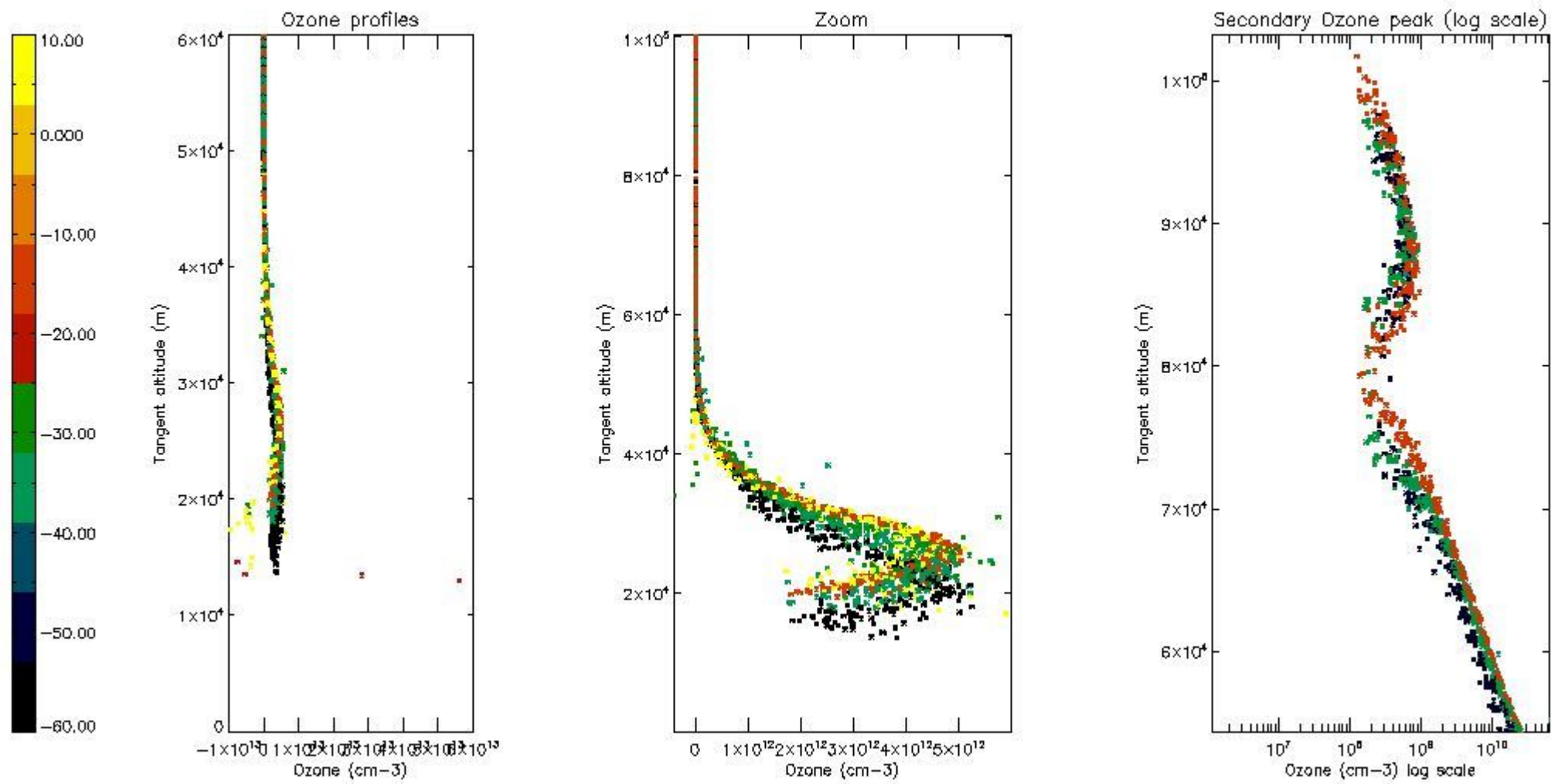
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



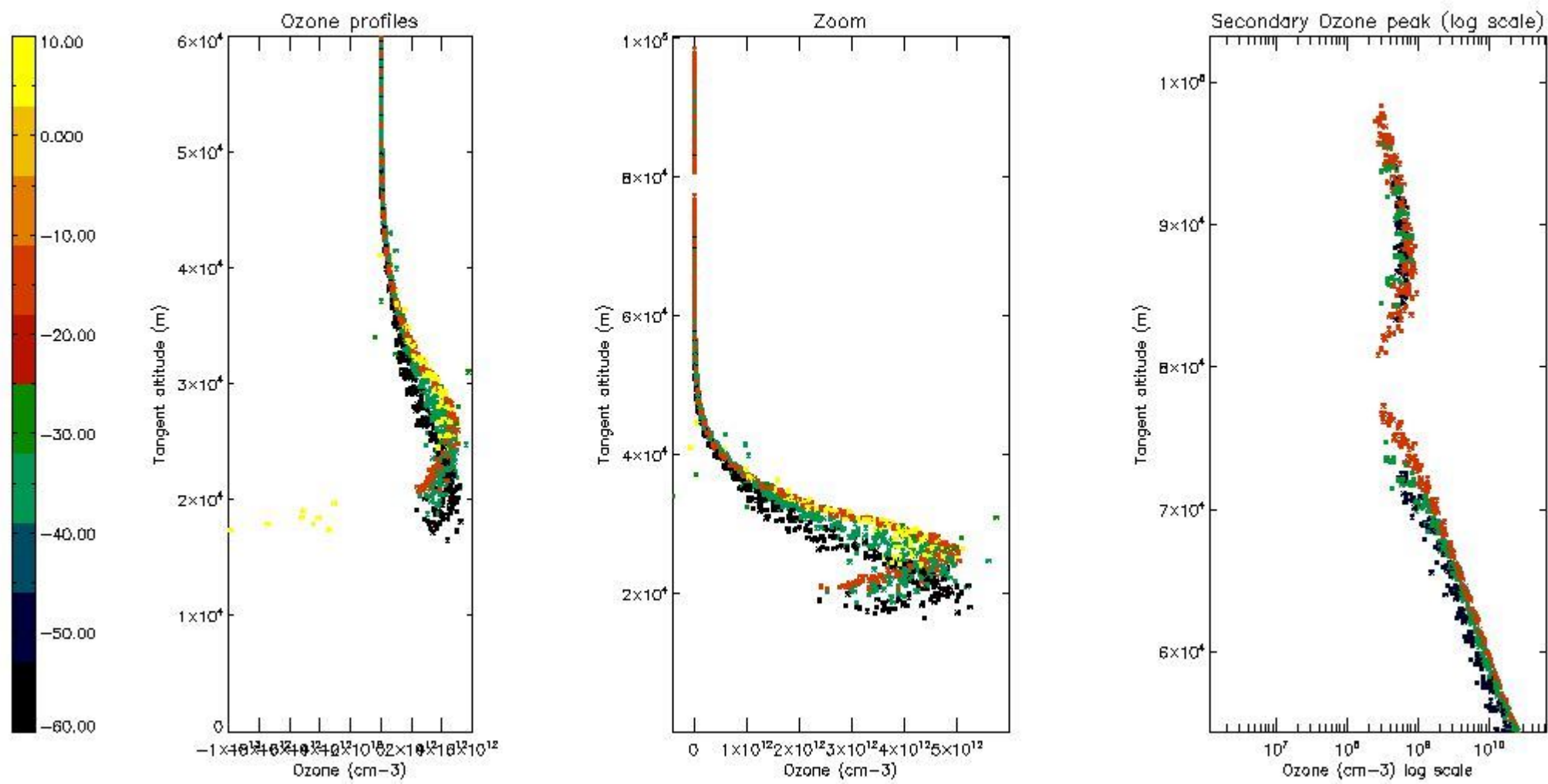
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



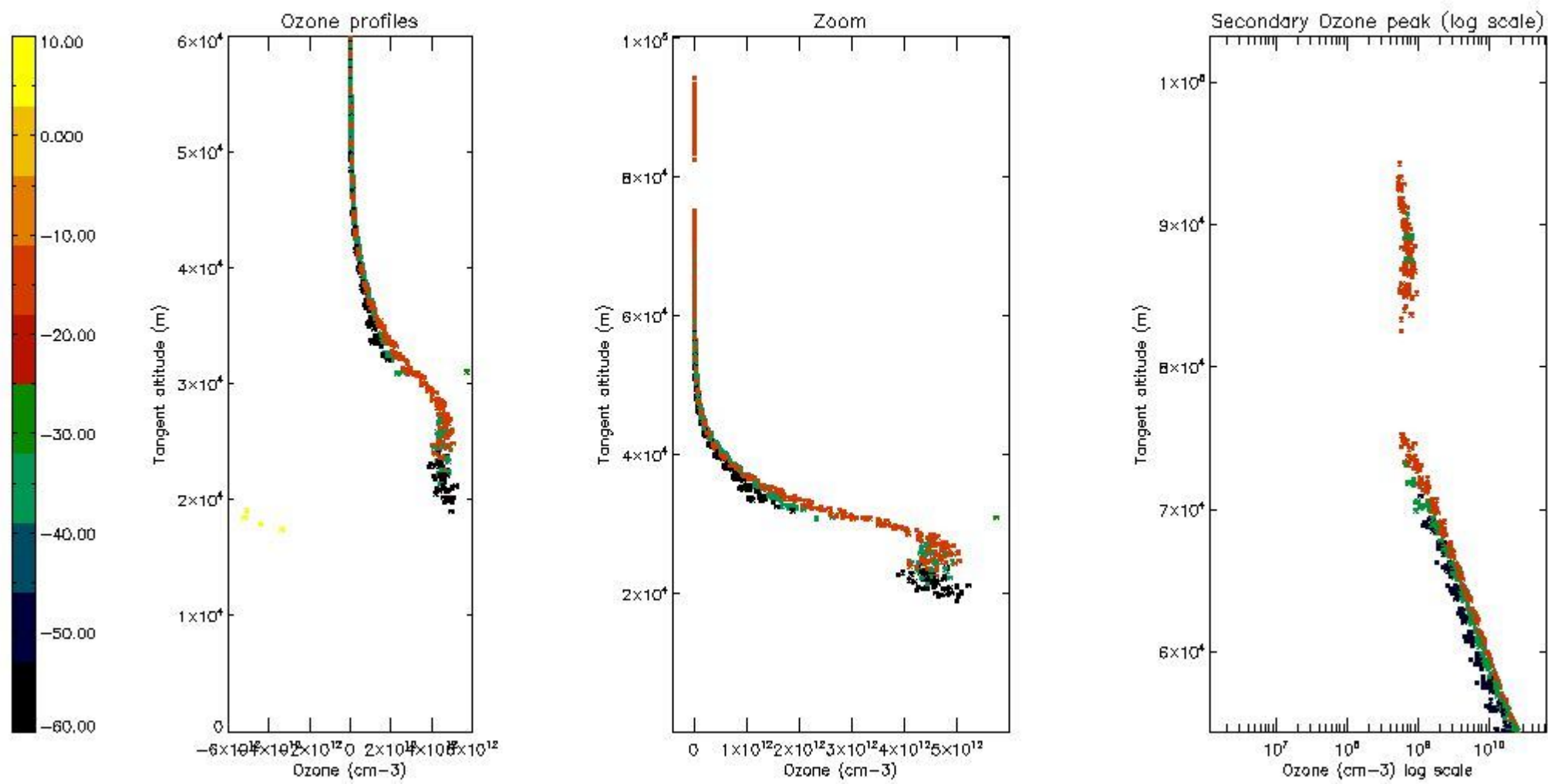
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



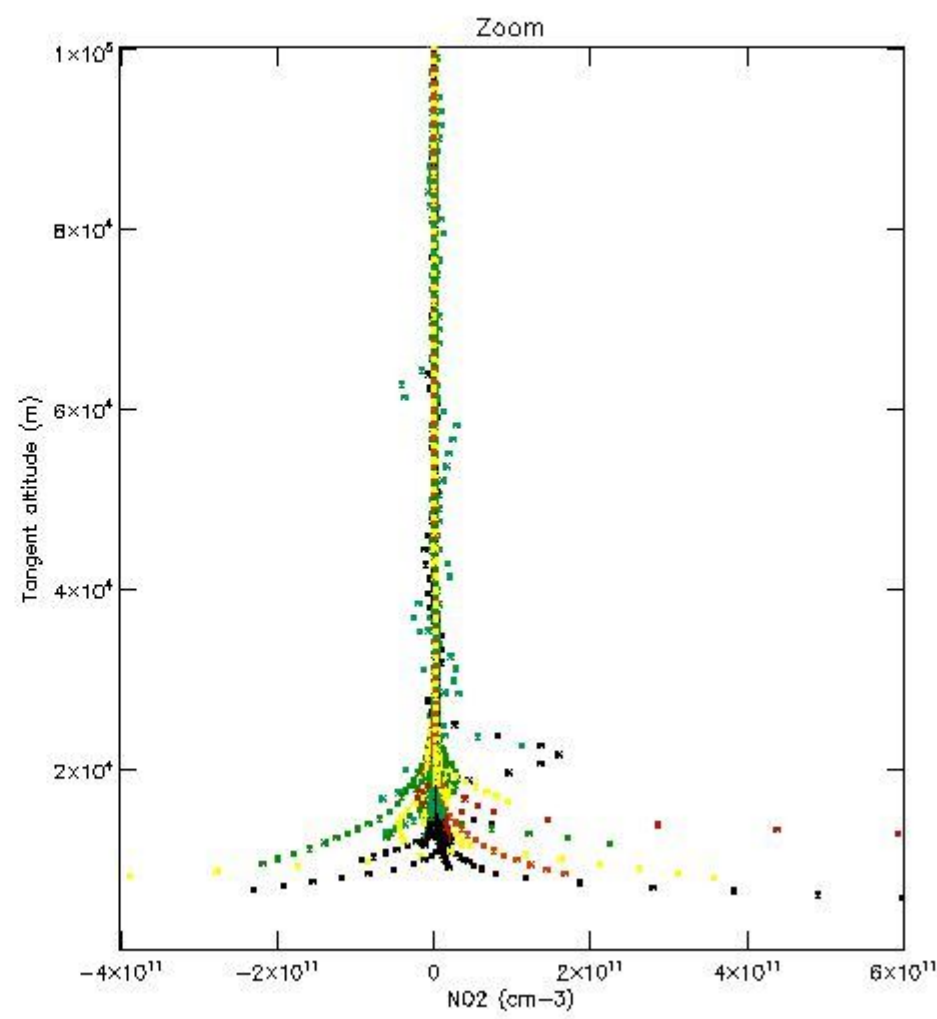
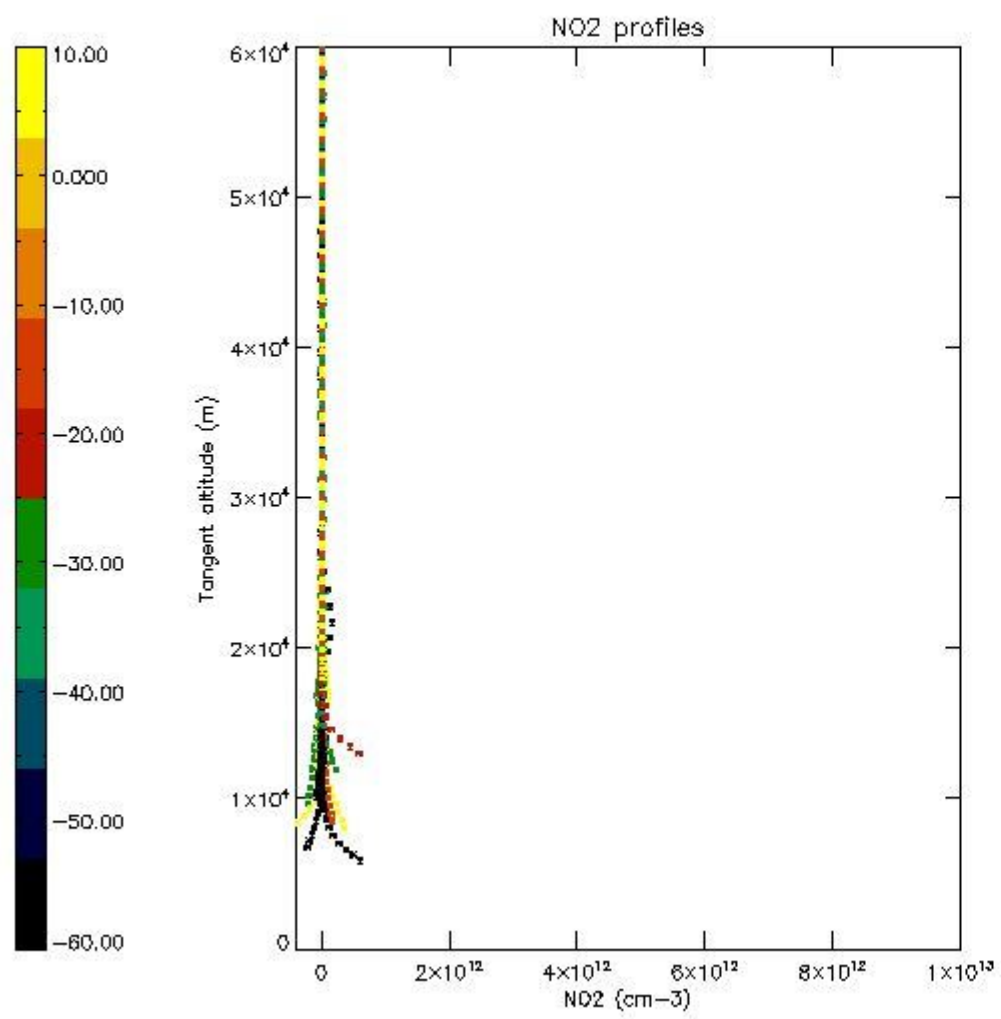
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



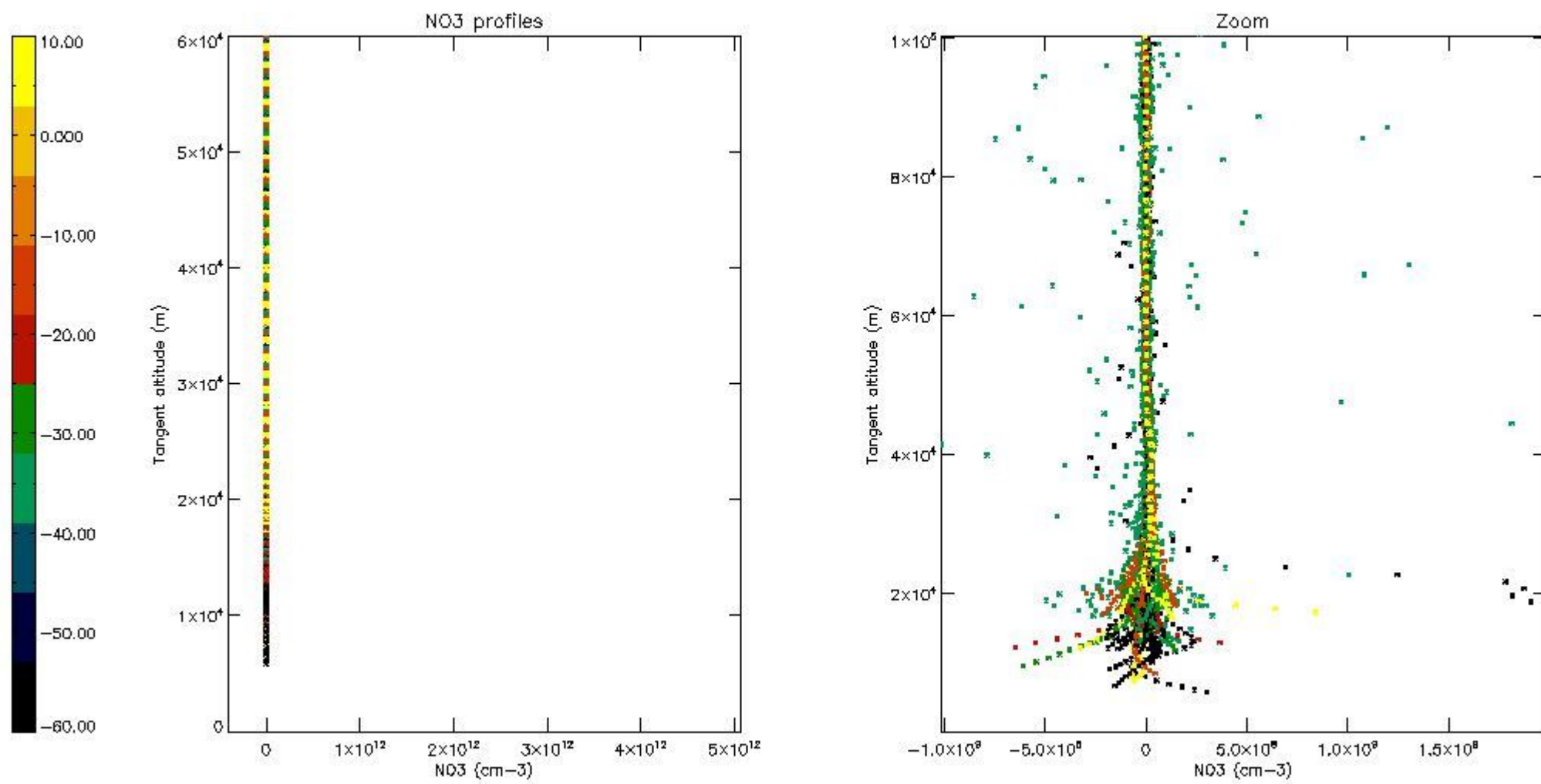
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



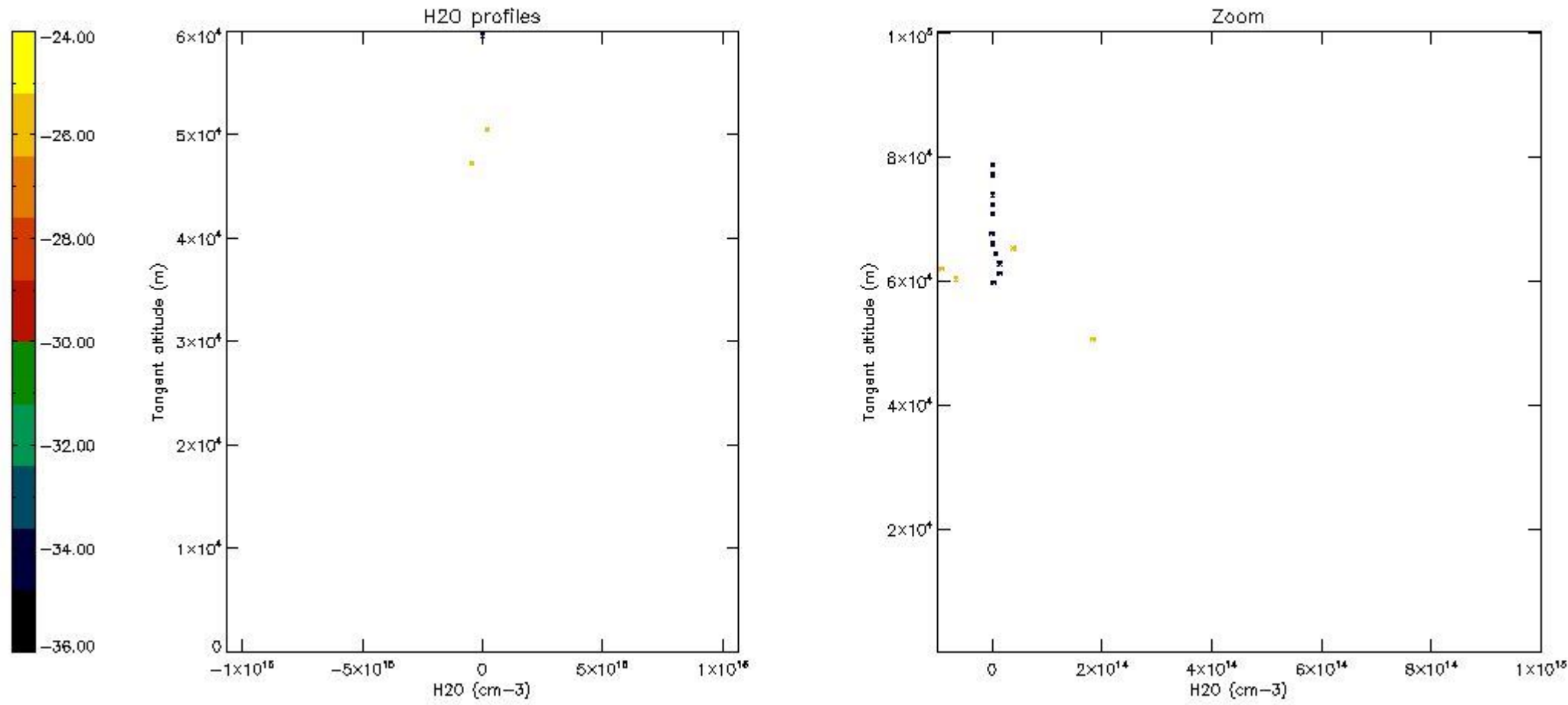
5.7 Plot NO3 profiles for all STD (dark without errors)

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	24-APR-2007 00:11:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2007 00:11:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2007 00:11:25

GOMOS Level 2 Daily Report

SUMMARY

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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	22APR2013 18:49:51
Data source version	GOMOS/6.01
Start time of products	24-04-2007 (24APR2007 00:00:00)
Stop time of products	25-04-2007 (25APR2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	331
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__2PRFIN20070424_001125_000000512057_00302_26909_2439.N1	24-APR-2007 00:11:25	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	26909	No
2	GOM_NL__2PRFIN20070424_001514_000000392057_00302_26909_2440.N1	24-APR-2007 00:15:14	Dark	39.000	172	Gam Gru	3.0030	13100.	78	26909	No
3	GOM_NL__2PRFIN20070424_001703_000000402057_00302_26909_2441.N1	24-APR-2007 00:17:03	Dark	40.000	31	Alp Gru	1.7340	15200.	80	26909	No
4	GOM_NL__2PRFIN20070424_001959_000000452057_00302_26909_2442.N1	24-APR-2007 00:19:59	Dark	45.000	148	Alp Tuc	2.8780	4100.0	90	26909	No
5	GOM_NL__2PRFIN20070424_002219_000000402057_00303_26910_2546.N1	24-APR-2007 00:22:19	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26910	No
6	GOM_NL__2PRFIN20070424_002921_000000482057_00303_26910_2547.N1	24-APR-2007 00:29:21	Dark	47.500	43	Alp TrA	1.9100	4250.0	95	26910	No
7	GOM_NL__2PRFIN20070424_003131_000000382057_00303_26910_2548.N1	24-APR-2007 00:31:31	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26910	No
8	GOM_NL__2PRFIN20070424_003345_000000522057_00303_26910_2549.N1	24-APR-2007 00:33:45	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	26910	No
9	GOM_NL__2PRFIN20070424_003704_000000382057_00303_26910_2550.N1	24-APR-2007 00:37:04	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	26910	No
10	GOM_NL__2PRFIN20070424_003838_000000422057_00303_26910_2551.N1	24-APR-2007 00:38:38	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26910	No
11	GOM_NL__2PRFIN20070424_004051_000000472057_00303_26910_2552.N1	24-APR-2007 00:40:51	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	26910	No
12	GOM_NL__2PRFIN20070424_004518_000000422057_00303_26910_2553.N1	24-APR-2007 00:45:18	Twi_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	26910	No
13	GOM_NL__2PRFIN20070424_004845_000000412057_00303_26910_2554.N1	24-APR-2007 00:48:45	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	26910	No
14	GOM_NL__2PRFIN20070424_005147_000000362057_00303_26910_2555.N1	24-APR-2007 00:51:47	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26910	No
15	GOM_NL__2PRFIN20070424_005517_000000372057_00303_26910_2556.N1	24-APR-2007 00:55:17	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26910	No
16	GOM_NL__2PRFIN20070424_010310_000000362057_00303_26910_2557.N1	24-APR-2007 01:03:10	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	26910	No
17	GOM_NL__2PRFIN20070424_010725_000000342057_00303_26910_2558.N1	24-APR-2007 01:07:25	Bright	33.500	87	64Gam UMa	2.4330	11000.	67	26910	No
18	GOM_NL__2PRFIN20070424_010958_000000352057_00303_26910_2559.N1	24-APR-2007 01:09:58	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	26910	No
19	GOM_NL__2PRFIN20070424_011747_000000352057_00303_26910_2560.N1	24-APR-2007 01:17:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26910	No
20	GOM_NL__2PRFIN20070424_012534_000000332057_00303_26910_2561.N1	24-APR-2007 01:25:34	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	26910	No
21	GOM_NL__2PRFIN20070424_012651_000000522057_00303_26910_2562.N1	24-APR-2007 01:26:51	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26910	No
22	GOM_NL__2PRFIN20070424_013542_000000402057_00303_26910_2563.N1	24-APR-2007 01:35:42	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	26910	No
23	GOM_NL__2PRFIN20070424_013928_000000412057_00303_26910_2564.N1	24-APR-2007 01:39:28	Twi_and_stray	40.500	90	54Alp Peg	2.4870	11000.	81	26910	No
24	GOM_NL__2PRFIN20070424_015201_000000452057_00303_26910_2565.N1	24-APR-2007 01:52:01	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	26910	No
25	GOM_NL__2PRFIN20070424_015550_000000412057_00303_26910_2566.N1	24-APR-2007 01:55:50	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26910	No
26	GOM_NL__2PRFIN20070424_015739_000000402057_00303_26910_2567.N1	24-APR-2007 01:57:39	Dark	40.000	31	Alp Gru	1.7340	15200.	80	26910	No
27	GOM_NL__2PRFIN20070424_020035_000000432057_00303_26910_2568.N1	24-APR-2007 02:00:35	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	26910	No
28	GOM_NL__2PRFIN20070424_020255_000000412057_00304_26911_2559.N1	24-APR-2007 02:02:55	Dark	40.500	45	Alp Pav	1.9400	26000.	81	26911	No
29	GOM_NL__2PRFIN20070424_020958_000000422057_00304_26911_2560.N1	24-APR-2007 02:09:58	Dark	41.500	43	Alp TrA	1.9100	4250.0	83	26911	No
30	GOM_NL__2PRFIN20070424_021208_000000392057_00304_26911_2561.N1	24-APR-2007 02:12:08	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	26911	No
31	GOM_NL__2PRFIN20070424_021421_000000492057_00304_26911_2562.N1	24-APR-2007 02:14:21	Straylight	49.000	4	Alp1Cen	-0.010000	5800.0	98	26911	No
32	GOM_NL__2PRFIN20070424_021741_000000432057_00304_26911_2563.N1	24-APR-2007 02:17:41	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	26911	No
33	GOM_NL__2PRFIN20070424_021915_000000422057_00304_26911_2564.N1	24-APR-2007 02:19:15	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	26911	No
34	GOM_NL__2PRFIN20070424_022127_000000442057_00304_26911_2565.N1	24-APR-2007 02:21:27	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	26911	No
35	GOM_NL__2PRFIN20070424_022554_000000432057_00304_26911_2566.N1	24-APR-2007 02:25:54	Twi_and_stray	42.500	169	46Gam Hya	2.9910	4700.0	85	26911	No
36	GOM_NL__2PRFIN20070424_022921_000000402057_00304_26911_2567.N1	24-APR-2007 02:29:21	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	26911	No
37	GOM_NL__2PRFIN20070424_023223_000000372057_00304_26911_2568.N1	24-APR-2007 02:32:23	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26911	No
38	GOM_NL__2PRFIN20070424_023553_000000362057_00304_26911_2569.N1	24-APR-2007 02:35:53	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26911	No
39	GOM_NL__2PRFIN20070424_024346_000000372057_00304_26911_2570.N1	24-APR-2007 02:43:46	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26911	No
40	GOM_NL__2PRFIN20070424_024801_000000342057_00304_26911_2571.N1	24-APR-2007 02:48:01	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26911	No
41	GOM_NL__2PRFIN20070424_025034_000000352057_00304_26911_2572.N1	24-APR-2007 02:50:34	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	26911	No
42	GOM_NL__2PRFIN20070424_025823_000000332057_00304_26911_2573.N1	24-APR-2007 02:58:23	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	26911	No

43	GOM_NL__2PRFIN20070424_030610_000000332057_00304_26911_2574.N1	24-APR-2007 03:06:10	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	26911	No
44	GOM_NL__2PRFIN20070424_030727_000000342057_00304_26911_2575.N1	24-APR-2007 03:07:27	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26911	No
45	GOM_NL__2PRFIN20070424_031618_000000402057_00304_26911_2576.N1	24-APR-2007 03:16:18	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	26911	No
46	GOM_NL__2PRFIN20070424_032004_000000412057_00304_26911_2577.N1	24-APR-2007 03:20:04	Tw_i_and_stray	40.500	90	54Alp Peg	2.4870	11000.	81	26911	No
47	GOM_NL__2PRFIN20070424_033237_000000412057_00304_26911_2578.N1	24-APR-2007 03:32:37	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	26911	No
48	GOM_NL__2PRFIN20070424_033815_000000432057_00304_26911_2579.N1	24-APR-2007 03:38:15	Dark	43.000	31	Alp Gru	1.7340	15200.	86	26911	No
49	GOM_NL__2PRFIN20070424_034112_000000392057_00304_26911_2580.N1	24-APR-2007 03:41:12	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	26911	No
50	GOM_NL__2PRFIN20070424_034332_000000402057_00305_26912_2464.N1	24-APR-2007 03:43:32	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26912	No
51	GOM_NL__2PRFIN20070424_035034_000000502057_00305_26912_2465.N1	24-APR-2007 03:50:34	Dark	50.000	43	Alp TrA	1.9100	4250.0	100	26912	No
52	GOM_NL__2PRFIN20070424_035244_000000382057_00305_26912_2466.N1	24-APR-2007 03:52:44	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26912	No
53	GOM_NL__2PRFIN20070424_035458_000000512057_00305_26912_2467.N1	24-APR-2007 03:54:58	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	26912	No
54	GOM_NL__2PRFIN20070424_035817_000000412057_00305_26912_2468.N1	24-APR-2007 03:58:17	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26912	No
55	GOM_NL__2PRFIN20070424_035951_000000432057_00305_26912_2469.N1	24-APR-2007 03:59:51	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	26912	No
56	GOM_NL__2PRFIN20070424_040204_000000452057_00305_26912_2470.N1	24-APR-2007 04:02:04	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	26912	No
57	GOM_NL__2PRFIN20070424_040631_000000412057_00305_26912_2471.N1	24-APR-2007 04:06:31	Tw_i_and_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	26912	No
58	GOM_NL__2PRFIN20070424_040957_000000392057_00305_26912_2472.N1	24-APR-2007 04:09:57	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26912	No
59	GOM_NL__2PRFIN20070424_041259_000000372057_00305_26912_2473.N1	24-APR-2007 04:12:59	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26912	No
60	GOM_NL__2PRFIN20070424_041629_000000362057_00305_26912_2474.N1	24-APR-2007 04:16:29	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26912	No
61	GOM_NL__2PRFIN20070424_042422_000000372057_00305_26912_2475.N1	24-APR-2007 04:24:22	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26912	No
62	GOM_NL__2PRFIN20070424_042837_000000342057_00305_26912_2476.N1	24-APR-2007 04:28:37	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26912	No
63	GOM_NL__2PRFIN20070424_043111_000000362057_00305_26912_2477.N1	24-APR-2007 04:31:11	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26912	No
64	GOM_NL__2PRFIN20070424_043859_000000352057_00305_26912_2478.N1	24-APR-2007 04:38:59	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26912	No
65	GOM_NL__2PRFIN20070424_044646_000000522057_00305_26912_2479.N1	24-APR-2007 04:46:46	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	26912	No
66	GOM_NL__2PRFIN20070424_044803_000000352057_00305_26912_2480.N1	24-APR-2007 04:48:03	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	26912	No
67	GOM_NL__2PRFIN20070424_050040_000000442057_00305_26912_2481.N1	24-APR-2007 05:00:40	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	26912	No
68	GOM_NL__2PRFIN20070424_051314_000000422057_00305_26912_2482.N1	24-APR-2007 05:13:14	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	26912	No
69	GOM_NL__2PRFIN20070424_051704_000000412057_00305_26912_2483.N1	24-APR-2007 05:17:04	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26912	No
70	GOM_NL__2PRFIN20070424_051852_000000392057_00305_26912_2484.N1	24-APR-2007 05:18:52	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26912	No
71	GOM_NL__2PRFIN20070424_052148_000000432057_00305_26912_2485.N1	24-APR-2007 05:21:48	Dark	43.000	148	Alp Tuc	2.8780	4100.0	86	26912	No
72	GOM_NL__2PRFIN20070424_052409_000000412057_00306_26913_2469.N1	24-APR-2007 05:24:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	26913	No
73	GOM_NL__2PRFIN20070424_053111_000000392057_00306_26913_2470.N1	24-APR-2007 05:31:11	Dark	38.500	43	Alp TrA	1.9100	4250.0	77	26913	No
74	GOM_NL__2PRFIN20070424_053321_000000392057_00306_26913_2471.N1	24-APR-2007 05:33:21	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	26913	No
75	GOM_NL__2PRFIN20070424_053534_000000462057_00306_26913_2472.N1	24-APR-2007 05:35:34	Straylight	46.000	4	Alp1Cen	-0.010000	5800.0	92	26913	No
76	GOM_NL__2PRFIN20070424_053853_000000392057_00306_26913_2473.N1	24-APR-2007 05:38:53	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26913	No
77	GOM_NL__2PRFIN20070424_054027_000000412057_00306_26913_2474.N1	24-APR-2007 05:40:27	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26913	No
78	GOM_NL__2PRFIN20070424_054240_000000442057_00306_26913_2475.N1	24-APR-2007 05:42:40	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	26913	No
79	GOM_NL__2PRFIN20070424_054707_000000412057_00306_26913_2476.N1	24-APR-2007 05:47:07	Tw_i_and_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	26913	No
80	GOM_NL__2PRFIN20070424_055033_000000392057_00306_26913_2477.N1	24-APR-2007 05:50:33	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26913	No
81	GOM_NL__2PRFIN20070424_055335_000000372057_00306_26913_2478.N1	24-APR-2007 05:53:35	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	26913	No
82	GOM_NL__2PRFIN20070424_055705_000000372057_00306_26913_2479.N1	24-APR-2007 05:57:05	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26913	No
83	GOM_NL__2PRFIN20070424_060458_000000352057_00306_26913_2480.N1	24-APR-2007 06:04:58	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26913	No
84	GOM_NL__2PRFIN20070424_060913_000000342057_00306_26913_2481.N1	24-APR-2007 06:09:13	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26913	No
85	GOM_NL__2PRFIN20070424_061147_000000372057_00306_26913_2482.N1	24-APR-2007 06:11:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26913	No
86	GOM_NL__2PRFIN20070424_061935_000000362057_00306_26913_2483.N1	24-APR-2007 06:19:35	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	26913	No
87	GOM_NL__2PRFIN20070424_062722_000000342057_00306_26913_2484.N1	24-APR-2007 06:27:22	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26913	No
88	GOM_NL__2PRFIN20070424_062839_000000342057_00306_26913_2485.N1	24-APR-2007 06:28:39	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	26913	No
89	GOM_NL__2PRFIN20070424_064116_000000412057_00306_26913_2486.N1	24-APR-2007 06:41:16	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	26913	No
90	GOM_NL__2PRFIN20070424_065350_000000442057_00306_26913_2487.N1	24-APR-2007 06:53:50	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	26913	No
91	GOM_NL__2PRFIN20070424_065740_000000392057_00306_26913_2488.N1	24-APR-2007 06:57:40	Dark	39.000	172	Gam Gru	3.0030	13100.	78	26913	No
92	GOM_NL__2PRFIN20070424_065928_000000442057_00306_26913_2489.N1	24-APR-2007 06:59:28	Dark	43.500	31	Alp Gru	1.7340	15200.	87	26913	No
93	GOM_NL__2PRFIN20070424_070224_000000382057_00306_26913_2490.N1	24-APR-2007 07:02:24	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	26913	No
94	GOM_NL__2PRFIN20070424_070445_000000412057_00307_26914_2494.N1	24-APR-2007 07:04:45	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26914	No
95	GOM_NL__2PRFIN20070424_071147_000000382057_00307_26914_2495.N1	24-APR-2007 07:11:47	Dark	37.500	43	Alp TrA	1.9100	4250.0	75	26914	No
96	GOM_NL__2PRFIN20070424_071357_000000382057_00307_26914_2496.N1	24-APR-2007 07:13:57	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26914	No
97	GOM_NL__2PRFIN20070424_071610_000000512057_00307_26914_2497.N1	24-APR-2007 07:16:10	Straylight	51.000	4	Alp1Cen	-0.010000	5800.0	102	26914	No
98	GOM_NL__2PRFIN20070424_071930_000000402057_00307_26914_2498.N1	24-APR-2007 07:19:30	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26914	No
99	GOM_NL__2PRFIN20070424_072104_000000412057_00307_26914_2499.N1	24-APR-2007 07:21:04	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26914	No
100	GOM_NL__2PRFIN20070424_072316_000000482057_00307_26914_2500.N1	24-APR-2007 07:23:16	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	26914	No
101	GOM_NL__2PRFIN20070424_072743_000000412057_00307_26914_2501.N1	24-APR-2007 07:27:43	Tw_i_and_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	26914	No

102	GOM_NL__2PRFIN20070424_073109_000000402057_00307_26914_2502.N1	24-APR-2007 07:31:09	Bright	39.500	15	67Alp Vir	0.97600	28000.	79	26914	No
103	GOM_NL__2PRFIN20070424_073411_000000362057_00307_26914_2503.N1	24-APR-2007 07:34:11	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26914	No
104	GOM_NL__2PRFIN20070424_073741_000000382057_00307_26914_2504.N1	24-APR-2007 07:37:41	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	26914	No
105	GOM_NL__2PRFIN20070424_074534_000000362057_00307_26914_2505.N1	24-APR-2007 07:45:34	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	26914	No
106	GOM_NL__2PRFIN20070424_074949_000000362057_00307_26914_2506.N1	24-APR-2007 07:49:49	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	26914	No
107	GOM_NL__2PRFIN20070424_075223_000000372057_00307_26914_2507.N1	24-APR-2007 07:52:23	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26914	No
108	GOM_NL__2PRFIN20070424_080011_000000322057_00307_26914_2508.N1	24-APR-2007 08:00:11	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	26914	No
109	GOM_NL__2PRFIN20070424_080758_000000512057_00307_26914_2509.N1	24-APR-2007 08:07:58	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	26914	No
110	GOM_NL__2PRFIN20070424_080915_000000352057_00307_26914_2510.N1	24-APR-2007 08:09:15	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	26914	No
111	GOM_NL__2PRFIN20070424_081807_000000402057_00307_26914_2511.N1	24-APR-2007 08:18:07	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	26914	No
112	GOM_NL__2PRFIN20070424_082153_000000422057_00307_26914_2512.N1	24-APR-2007 08:21:53	Tw_i_and_stray	41.500	90	54Alp Peg	2.4870	11000.	83	26914	No
113	GOM_NL__2PRFIN20070424_083426_000000422057_00307_26914_2513.N1	24-APR-2007 08:34:26	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	26914	No
114	GOM_NL__2PRFIN20070424_083817_000000402057_00307_26914_2514.N1	24-APR-2007 08:38:17	Dark	39.500	172	Gam Gru	3.0030	13100.	79	26914	No
115	GOM_NL__2PRFIN20070424_084005_000000392057_00307_26914_2515.N1	24-APR-2007 08:40:05	Dark	38.500	31	Alp Gru	1.7340	15200.	77	26914	No
116	GOM_NL__2PRFIN20070424_084300_000000402057_00307_26914_2516.N1	24-APR-2007 08:43:00	Dark	39.500	148	Alp Tuc	2.8780	4100.0	79	26914	No
117	GOM_NL__2PRFIN20070424_084522_000000392057_00308_26915_2529.N1	24-APR-2007 08:45:22	Dark	39.000	45	Alp Pav	1.9400	26000.	78	26915	No
118	GOM_NL__2PRFIN20070424_085223_000000412057_00308_26915_2530.N1	24-APR-2007 08:52:23	Dark	40.500	43	Alp TrA	1.9100	4250.0	81	26915	No
119	GOM_NL__2PRFIN20070424_085433_000000382057_00308_26915_2531.N1	24-APR-2007 08:54:33	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	26915	No
120	GOM_NL__2PRFIN20070424_085647_000000462057_00308_26915_2532.N1	24-APR-2007 08:56:47	Straylight	45.500	4	Alp1Cen	-0.010000	5800.0	91	26915	No
121	GOM_NL__2PRFIN20070424_090006_000000412057_00308_26915_2533.N1	24-APR-2007 09:00:06	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	26915	No
122	GOM_NL__2PRFIN20070424_090140_000000412057_00308_26915_2534.N1	24-APR-2007 09:01:40	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	26915	No
123	GOM_NL__2PRFIN20070424_090352_000000422057_00308_26915_2535.N1	24-APR-2007 09:03:52	Straylight	42.000	54	5The Cen	2.0550	4500.0	84	26915	No
124	GOM_NL__2PRFIN20070424_090819_000000392057_00308_26915_2536.N1	24-APR-2007 09:08:19	Tw_i_and_stray	38.500	169	46Gam Hya	2.9910	4700.0	77	26915	No
125	GOM_NL__2PRFIN20070424_091145_000000392057_00308_26915_2537.N1	24-APR-2007 09:11:45	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26915	No
126	GOM_NL__2PRFIN20070424_091447_000000362057_00308_26915_2538.N1	24-APR-2007 09:14:47	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26915	No
127	GOM_NL__2PRFIN20070424_091817_000000362057_00308_26915_2539.N1	24-APR-2007 09:18:17	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26915	No
128	GOM_NL__2PRFIN20070424_092610_000000362057_00308_26915_2540.N1	24-APR-2007 09:26:10	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	26915	No
129	GOM_NL__2PRFIN20070424_093025_000000332057_00308_26915_2541.N1	24-APR-2007 09:30:25	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26915	No
130	GOM_NL__2PRFIN20070424_093259_000000332057_00308_26915_2542.N1	24-APR-2007 09:32:59	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	26915	No
131	GOM_NL__2PRFIN20070424_094047_000000332057_00308_26915_2543.N1	24-APR-2007 09:40:47	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	26915	No
132	GOM_NL__2PRFIN20070424_094834_000000352057_00308_26915_2544.N1	24-APR-2007 09:48:34	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	26915	No
133	GOM_NL__2PRFIN20070424_094951_000000342057_00308_26915_2545.N1	24-APR-2007 09:49:51	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	26915	No
134	GOM_NL__2PRFIN20070424_095843_000000402057_00308_26915_2546.N1	24-APR-2007 09:58:43	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	26915	No
135	GOM_NL__2PRFIN20070424_100229_000000422057_00308_26915_2547.N1	24-APR-2007 10:02:29	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	26915	No
136	GOM_NL__2PRFIN20070424_101503_000000452057_00308_26915_2548.N1	24-APR-2007 10:15:03	Dark	45.000	18	24Alp PsA	1.1660	9700.0	90	26915	No
137	GOM_NL__2PRFIN20070424_101853_000000412057_00308_26915_2549.N1	24-APR-2007 10:18:53	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26915	No
138	GOM_NL__2PRFIN20070424_102041_000000382057_00308_26915_2550.N1	24-APR-2007 10:20:41	Dark	38.000	31	Alp Gru	1.7340	15200.	76	26915	No
139	GOM_NL__2PRFIN20070424_102337_000000382057_00308_26915_2551.N1	24-APR-2007 10:23:37	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	26915	No
140	GOM_NL__2PRFIN20070424_102558_000000402057_00309_26916_2512.N1	24-APR-2007 10:25:58	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26916	No
141	GOM_NL__2PRFIN20070424_103300_000000402057_00309_26916_2513.N1	24-APR-2007 10:33:00	Dark	39.500	43	Alp TrA	1.9100	4250.0	79	26916	No
142	GOM_NL__2PRFIN20070424_103510_000000392057_00309_26916_2514.N1	24-APR-2007 10:35:10	Straylight	39.000	134	Bet TrA	2.8100	6600.0	78	26916	No
143	GOM_NL__2PRFIN20070424_103723_000000492057_00309_26916_2515.N1	24-APR-2007 10:37:23	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	26916	No
144	GOM_NL__2PRFIN20070424_104042_000000402057_00309_26916_2516.N1	24-APR-2007 10:40:42	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26916	No
145	GOM_NL__2PRFIN20070424_104216_000000402057_00309_26916_2517.N1	24-APR-2007 10:42:16	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	26916	No
146	GOM_NL__2PRFIN20070424_104428_000000462057_00309_26916_2518.N1	24-APR-2007 10:44:28	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26916	No
147	GOM_NL__2PRFIN20070424_104855_000000382057_00309_26916_2519.N1	24-APR-2007 10:48:55	Tw_i_and_stray	37.500	169	46Gam Hya	2.9910	4700.0	75	26916	No
148	GOM_NL__2PRFIN20070424_105221_000000412057_00309_26916_2520.N1	24-APR-2007 10:52:21	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	26916	No
149	GOM_NL__2PRFIN20070424_105523_000000352057_00309_26916_2521.N1	24-APR-2007 10:55:23	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26916	No
150	GOM_NL__2PRFIN20070424_105853_000000362057_00309_26916_2522.N1	24-APR-2007 10:58:53	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26916	No
151	GOM_NL__2PRFIN20070424_110646_000000362057_00309_26916_2523.N1	24-APR-2007 11:06:46	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26916	No
152	GOM_NL__2PRFIN20070424_111101_000000362057_00309_26916_2524.N1	24-APR-2007 11:11:01	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26916	No
153	GOM_NL__2PRFIN20070424_111335_000000372057_00309_26916_2525.N1	24-APR-2007 11:13:35	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26916	No
154	GOM_NL__2PRFIN20070424_111801_000000282057_00309_26916_2526.N1	24-APR-2007 11:18:01	Bright	28.000	60	7Bet UMi	2.0810	3950.0	56	26916	No
155	GOM_NL__2PRFIN20070424_112123_000000352057_00309_26916_2527.N1	24-APR-2007 11:21:23	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26916	No
156	GOM_NL__2PRFIN20070424_112910_000000382057_00309_26916_2528.N1	24-APR-2007 11:29:10	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	26916	No
157	GOM_NL__2PRFIN20070424_113028_000000522057_00309_26916_2529.N1	24-APR-2007 11:30:28	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26916	No
158	GOM_NL__2PRFIN20070424_113919_000000402057_00309_26916_2530.N1	24-APR-2007 11:39:19	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	26916	No
159	GOM_NL__2PRFIN20070424_114305_000000412057_00309_26916_2531.N1	24-APR-2007 11:43:05	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	26916	No
160	GOM_NL__2PRFIN20070424_115539_000000432057_00309_26916_2532.N1	24-APR-2007 11:55:39	Dark	42.500	18	24Alp PsA	1.1660	9700.0	85	26916	No

161	GOM_NL__2PRFIN20070424_115930_000000422057_00309_26916_2533.N1	24-APR-2007 11:59:30	Dark	41.500	172	Gam Gru	3.0030	13100.	83	26916	No
162	GOM_NL__2PRFIN20070424_120117_000000442057_00309_26916_2534.N1	24-APR-2007 12:01:17	Dark	43.500	31	Alp Gru	1.7340	15200.	87	26916	No
163	GOM_NL__2PRFIN20070424_120413_000000412057_00309_26916_2535.N1	24-APR-2007 12:04:13	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	26916	No
164	GOM_NL__2PRFIN20070424_120635_000000402057_00310_26917_4255.N1	24-APR-2007 12:06:35	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26917	No
165	GOM_NL__2PRFIN20070424_121336_000000442057_00310_26917_4256.N1	24-APR-2007 12:13:36	Dark	43.500	43	Alp TrA	1.9100	4250.0	87	26917	No
166	GOM_NL__2PRFIN20070424_121546_000000382057_00310_26917_4257.N1	24-APR-2007 12:15:46	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26917	No
167	GOM_NL__2PRFIN20070424_121759_000000482057_00310_26917_4258.N1	24-APR-2007 12:17:59	Straylight	47.500	4	Alp1Cen	-0.010000	5800.0	95	26917	No
168	GOM_NL__2PRFIN20070424_122118_000000392057_00310_26917_4259.N1	24-APR-2007 12:21:18	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	26917	No
169	GOM_NL__2PRFIN20070424_122252_000000402057_00310_26917_4260.N1	24-APR-2007 12:22:52	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26917	No
170	GOM_NL__2PRFIN20070424_122505_000000462057_00310_26917_4261.N1	24-APR-2007 12:25:05	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26917	No
171	GOM_NL__2PRFIN20070424_122931_000000422057_00310_26917_4262.N1	24-APR-2007 12:29:31	Tw_i_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	26917	No
172	GOM_NL__2PRFIN20070424_123257_000000402057_00310_26917_4263.N1	24-APR-2007 12:32:57	Bright	40.000	15	67Alp Vir	0.97600	28000.	80	26917	No
173	GOM_NL__2PRFIN20070424_123559_000000352057_00310_26917_4264.N1	24-APR-2007 12:35:59	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	26917	No
174	GOM_NL__2PRFIN20070424_123929_000000362057_00310_26917_4265.N1	24-APR-2007 12:39:29	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26917	No
175	GOM_NL__2PRFIN20070424_124721_000000362057_00310_26917_4266.N1	24-APR-2007 12:47:21	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26917	No
176	GOM_NL__2PRFIN20070424_125137_000000352057_00310_26917_4267.N1	24-APR-2007 12:51:37	Bright	35.000	87	64Gam UMa	2.4330	11000.	70	26917	No
177	GOM_NL__2PRFIN20070424_125411_000000372057_00310_26917_4268.N1	24-APR-2007 12:54:11	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26917	No
178	GOM_NL__2PRFIN20070424_125837_000000282057_00310_26917_4269.N1	24-APR-2007 12:58:37	Bright	28.000	60	7Bet UMi	2.0810	3950.0	56	26917	No
179	GOM_NL__2PRFIN20070424_130159_000000342057_00310_26917_4270.N1	24-APR-2007 13:01:59	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26917	No
180	GOM_NL__2PRFIN20070424_130946_000000322057_00310_26917_4271.N1	24-APR-2007 13:09:46	Bright	32.000	76	27Gam Cas	2.3000	30000.	64	26917	No
181	GOM_NL__2PRFIN20070424_131104_000000322057_00310_26917_4272.N1	24-APR-2007 13:11:04	Bright	32.000	68	18Alp Cas	2.2250	4500.0	64	26917	No
182	GOM_NL__2PRFIN20070424_131955_000000382057_00310_26917_4273.N1	24-APR-2007 13:19:55	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	26917	No
183	GOM_NL__2PRFIN20070424_132341_000000432057_00310_26917_4274.N1	24-APR-2007 13:23:41	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	26917	No
184	GOM_NL__2PRFIN20070424_133615_000000432057_00310_26917_4275.N1	24-APR-2007 13:36:15	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26917	No
185	GOM_NL__2PRFIN20070424_134006_000000412057_00310_26917_4276.N1	24-APR-2007 13:40:06	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26917	No
186	GOM_NL__2PRFIN20070424_134154_000000422057_00310_26917_4277.N1	24-APR-2007 13:41:54	Dark	42.000	31	Alp Gru	1.7340	15200.	84	26917	No
187	GOM_NL__2PRFIN20070424_134449_000000382057_00310_26917_4278.N1	24-APR-2007 13:44:49	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	26917	No
188	GOM_NL__2PRFIN20070424_134711_000000402057_00311_26918_2569.N1	24-APR-2007 13:47:11	Dark	39.500	45	Alp Pav	1.9400	26000.	79	26918	No
189	GOM_NL__2PRFIN20070424_135412_000000422057_00311_26918_2570.N1	24-APR-2007 13:54:12	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	26918	No
190	GOM_NL__2PRFIN20070424_135622_000000412057_00311_26918_2571.N1	24-APR-2007 13:56:22	Straylight	40.500	134	Bet TrA	2.8100	6600.0	81	26918	No
191	GOM_NL__2PRFIN20070424_135835_000000432057_00311_26918_2572.N1	24-APR-2007 13:58:35	Straylight	43.000	4	Alp1Cen	-0.010000	5800.0	86	26918	No
192	GOM_NL__2PRFIN20070424_140155_000000422057_00311_26918_2573.N1	24-APR-2007 14:01:55	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	26918	No
193	GOM_NL__2PRFIN20070424_140329_000000402057_00311_26918_2574.N1	24-APR-2007 14:03:29	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26918	No
194	GOM_NL__2PRFIN20070424_140541_000000452057_00311_26918_2575.N1	24-APR-2007 14:05:41	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	26918	No
195	GOM_NL__2PRFIN20070424_141007_000000412057_00311_26918_2576.N1	24-APR-2007 14:10:07	Tw_i_and_stray	40.500	169	46Gam Hya	2.9910	4700.0	81	26918	No
196	GOM_NL__2PRFIN20070424_141333_000000392057_00311_26918_2577.N1	24-APR-2007 14:13:33	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26918	No
197	GOM_NL__2PRFIN20070424_141635_000000362057_00311_26918_2578.N1	24-APR-2007 14:16:35	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26918	No
198	GOM_NL__2PRFIN20070424_142005_000000362057_00311_26918_2579.N1	24-APR-2007 14:20:05	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26918	No
199	GOM_NL__2PRFIN20070424_142757_000000362057_00311_26918_2580.N1	24-APR-2007 14:27:57	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26918	No
200	GOM_NL__2PRFIN20070424_143213_000000362057_00311_26918_2581.N1	24-APR-2007 14:32:13	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26918	No
201	GOM_NL__2PRFIN20070424_143447_000000372057_00311_26918_2582.N1	24-APR-2007 14:34:47	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26918	No
202	GOM_NL__2PRFIN20070424_143912_000000312057_00311_26918_2583.N1	24-APR-2007 14:39:12	Bright	31.000	60	7Bet UMi	2.0810	3950.0	62	26918	No
203	GOM_NL__2PRFIN20070424_144235_000000352057_00311_26918_2584.N1	24-APR-2007 14:42:35	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26918	No
204	GOM_NL__2PRFIN20070424_145022_000000522057_00311_26918_2585.N1	24-APR-2007 14:50:22	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	26918	No
205	GOM_NL__2PRFIN20070424_145140_000000522057_00311_26918_2586.N1	24-APR-2007 14:51:40	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	26918	No
206	GOM_NL__2PRFIN20070424_150031_000000522057_00311_26918_2587.N1	24-APR-2007 15:00:31	Bright	51.500	93	53Bet Peg	2.5200	3100.0	103	26918	No
207	GOM_NL__2PRFIN20070424_150417_000000422057_00311_26918_2588.N1	24-APR-2007 15:04:17	Tw_i_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	26918	No
208	GOM_NL__2PRFIN20070424_151652_000000392057_00311_26918_2589.N1	24-APR-2007 15:16:52	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	26918	No
209	GOM_NL__2PRFIN20070424_152043_000000402057_00311_26918_2590.N1	24-APR-2007 15:20:43	Dark	40.000	172	Gam Gru	3.0030	13100.	80	26918	No
210	GOM_NL__2PRFIN20070424_152230_000000392057_00311_26918_2591.N1	24-APR-2007 15:22:30	Dark	39.000	31	Alp Gru	1.7340	15200.	78	26918	No
211	GOM_NL__2PRFIN20070424_152525_000000382057_00311_26918_2592.N1	24-APR-2007 15:25:25	Dark	37.500	148	Alp Tuc	2.8780	4100.0	75	26918	No
212	GOM_NL__2PRFIN20070424_152748_000000392057_00312_26919_2614.N1	24-APR-2007 15:27:48	Dark	38.500	45	Alp Pav	1.9400	26000.	77	26919	No
213	GOM_NL__2PRFIN20070424_153448_000000392057_00312_26919_2615.N1	24-APR-2007 15:34:48	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	26919	No
214	GOM_NL__2PRFIN20070424_153659_000000382057_00312_26919_2616.N1	24-APR-2007 15:36:59	Straylight	38.000	134	Bet TrA	2.8100	6600.0	76	26919	No
215	GOM_NL__2PRFIN20070424_153911_000000472057_00312_26919_2617.N1	24-APR-2007 15:39:11	Straylight	46.500	4	Alp1Cen	-0.010000	5800.0	93	26919	No
216	GOM_NL__2PRFIN20070424_154231_000000402057_00312_26919_2618.N1	24-APR-2007 15:42:31	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26919	No
217	GOM_NL__2PRFIN20070424_154405_000000422057_00312_26919_2619.N1	24-APR-2007 15:44:05	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	26919	No
218	GOM_NL__2PRFIN20070424_154617_000000452057_00312_26919_2620.N1	24-APR-2007 15:46:17	Straylight	44.500	54	5The Cen	2.0550	4500.0	89	26919	No
219	GOM_NL__2PRFIN20070424_155043_000000422057_00312_26919_2621.N1	24-APR-2007 15:50:43	Tw_i_and_stray	41.500	169	46Gam Hya	2.9910	4700.0	83	26919	No

220	GOM_NL__2PRFIN20070424_155409_000000392057_00312_26919_2622.N1	24-APR-2007 15:54:09	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	26919	No
221	GOM_NL__2PRFIN20070424_155711_000000362057_00312_26919_2623.N1	24-APR-2007 15:57:11	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	26919	No
222	GOM_NL__2PRFIN20070424_160040_000000372057_00312_26919_2624.N1	24-APR-2007 16:00:40	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26919	No
223	GOM_NL__2PRFIN20070424_160833_000000372057_00312_26919_2625.N1	24-APR-2007 16:08:33	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	26919	No
224	GOM_NL__2PRFIN20070424_161249_000000342057_00312_26919_2626.N1	24-APR-2007 16:12:49	Bright	34.000	87	64Gam UMa	2.4330	11000.	68	26919	No
225	GOM_NL__2PRFIN20070424_161523_000000372057_00312_26919_2627.N1	24-APR-2007 16:15:23	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26919	No
226	GOM_NL__2PRFIN20070424_161948_000000312057_00312_26919_2628.N1	24-APR-2007 16:19:48	Bright	31.000	60	7Bet UMi	2.0810	3950.0	62	26919	No
227	GOM_NL__2PRFIN20070424_162311_000000352057_00312_26919_2629.N1	24-APR-2007 16:23:11	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	26919	No
228	GOM_NL__2PRFIN20070424_163059_000000332057_00312_26919_2630.N1	24-APR-2007 16:30:59	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	26919	No
229	GOM_NL__2PRFIN20070424_163216_000000342057_00312_26919_2631.N1	24-APR-2007 16:32:16	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26919	No
230	GOM_NL__2PRFIN20070424_164107_000000412057_00312_26919_2632.N1	24-APR-2007 16:41:07	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	26919	No
231	GOM_NL__2PRFIN20070424_164453_000000392057_00312_26919_2633.N1	24-APR-2007 16:44:53	Twilight	39.000	90	54Alp Peg	2.4870	11000.	78	26919	No
232	GOM_NL__2PRFIN20070424_165728_000000432057_00312_26919_2634.N1	24-APR-2007 16:57:28	Dark	43.000	18	24Alp PsA	1.1660	9700.0	86	26919	No
233	GOM_NL__2PRFIN20070424_170119_000000412057_00312_26919_2635.N1	24-APR-2007 17:01:19	Dark	40.500	172	Gam Gru	3.0030	13100.	81	26919	No
234	GOM_NL__2PRFIN20070424_170307_000000442057_00312_26919_2636.N1	24-APR-2007 17:03:07	Dark	43.500	31	Alp Gru	1.7340	15200.	87	26919	No
235	GOM_NL__2PRFIN20070424_170602_000000392057_00312_26919_2637.N1	24-APR-2007 17:06:02	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	26919	No
236	GOM_NL__2PRFIN20070424_170824_000000422057_00313_26920_2754.N1	24-APR-2007 17:08:24	Dark	42.000	45	Alp Pav	1.9400	26000.	84	26920	No
237	GOM_NL__2PRFIN20070424_171525_000000422057_00313_26920_2755.N1	24-APR-2007 17:15:25	Dark	42.000	43	Alp TrA	1.9100	4250.0	84	26920	No
238	GOM_NL__2PRFIN20070424_171735_000000392057_00313_26920_2756.N1	24-APR-2007 17:17:35	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26920	No
239	GOM_NL__2PRFIN20070424_171948_000000512057_00313_26920_2757.N1	24-APR-2007 17:19:48	Straylight	50.500	4	Alp1Cen	-0.010000	5800.0	101	26920	No
240	GOM_NL__2PRFIN20070424_172308_000000442057_00313_26920_2758.N1	24-APR-2007 17:23:08	Straylight	44.000	78	Alp Lup	2.3040	28000.	88	26920	No
241	GOM_NL__2PRFIN20070424_172441_000000412057_00313_26920_2759.N1	24-APR-2007 17:24:41	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	26920	No
242	GOM_NL__2PRFIN20070424_172653_000000462057_00313_26920_2760.N1	24-APR-2007 17:26:53	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	26920	No
243	GOM_NL__2PRFIN20070424_173119_000000422057_00313_26920_2761.N1	24-APR-2007 17:31:19	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	26920	No
244	GOM_NL__2PRFIN20070424_173445_000000392057_00313_26920_2762.N1	24-APR-2007 17:34:45	Bright	39.000	15	67Alp Vir	0.97600	28000.	78	26920	No
245	GOM_NL__2PRFIN20070424_173747_000000372057_00313_26920_2763.N1	24-APR-2007 17:37:47	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	26920	No
246	GOM_NL__2PRFIN20070424_174116_000000372057_00313_26920_2764.N1	24-APR-2007 17:41:16	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	26920	No
247	GOM_NL__2PRFIN20070424_174909_000000352057_00313_26920_2765.N1	24-APR-2007 17:49:09	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26920	No
248	GOM_NL__2PRFIN20070424_175325_000000362057_00313_26920_2766.N1	24-APR-2007 17:53:25	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26920	No
249	GOM_NL__2PRFIN20070424_175600_000000372057_00313_26920_2767.N1	24-APR-2007 17:56:00	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	26920	No
250	GOM_NL__2PRFIN20070424_180024_000000352057_00313_26920_2768.N1	24-APR-2007 18:00:24	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	26920	No
251	GOM_NL__2PRFIN20070424_180347_000000352057_00313_26920_2769.N1	24-APR-2007 18:03:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26920	No
252	GOM_NL__2PRFIN20070424_181135_000000342057_00313_26920_2770.N1	24-APR-2007 18:11:35	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	26920	No
253	GOM_NL__2PRFIN20070424_181252_000000332057_00313_26920_2771.N1	24-APR-2007 18:12:52	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	26920	No
254	GOM_NL__2PRFIN20070424_182143_000000412057_00313_26920_2772.N1	24-APR-2007 18:21:43	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	26920	No
255	GOM_NL__2PRFIN20070424_182530_000000412057_00313_26920_2773.N1	24-APR-2007 18:25:30	Twilight	41.000	90	54Alp Peg	2.4870	11000.	82	26920	No
256	GOM_NL__2PRFIN20070424_183804_000000462057_00313_26920_2774.N1	24-APR-2007 18:38:04	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	26920	No
257	GOM_NL__2PRFIN20070424_184156_000000402057_00313_26920_2775.N1	24-APR-2007 18:41:56	Dark	40.000	172	Gam Gru	3.0030	13100.	80	26920	No
258	GOM_NL__2PRFIN20070424_184343_000000402057_00313_26920_2776.N1	24-APR-2007 18:43:43	Dark	39.500	31	Alp Gru	1.7340	15200.	79	26920	No
259	GOM_NL__2PRFIN20070424_184638_000000412057_00313_26920_2777.N1	24-APR-2007 18:46:38	Dark	41.000	148	Alp Tuc	2.8780	4100.0	82	26920	No
260	GOM_NL__2PRFIN20070424_184901_000000492057_00314_26921_2765.N1	24-APR-2007 18:49:01	Dark	49.000	45	Alp Pav	1.9400	26000.	98	26921	No
261	GOM_NL__2PRFIN20070424_185601_000000402057_00314_26921_2766.N1	24-APR-2007 18:56:01	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	26921	No
262	GOM_NL__2PRFIN20070424_185811_000000372057_00314_26921_2767.N1	24-APR-2007 18:58:11	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	26921	No
263	GOM_NL__2PRFIN20070424_190024_000000462057_00314_26921_2768.N1	24-APR-2007 19:00:24	Straylight	45.500	4	Alp1Cen	-0.010000	5800.0	91	26921	No
264	GOM_NL__2PRFIN20070424_190344_000000402057_00314_26921_2769.N1	24-APR-2007 19:03:44	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	26921	No
265	GOM_NL__2PRFIN20070424_190518_000000392057_00314_26921_2770.N1	24-APR-2007 19:05:18	Straylight	39.000	81	Eta Cen	2.3560	28000.	78	26921	No
266	GOM_NL__2PRFIN20070424_190730_000000462057_00314_26921_2771.N1	24-APR-2007 19:07:30	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	26921	No
267	GOM_NL__2PRFIN20070424_191155_000000422057_00314_26921_2772.N1	24-APR-2007 19:11:55	Twilight	41.500	169	46Gam Hya	2.9910	4700.0	83	26921	No
268	GOM_NL__2PRFIN20070424_191521_000000412057_00314_26921_2773.N1	24-APR-2007 19:15:21	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	26921	No
269	GOM_NL__2PRFIN20070424_191823_000000362057_00314_26921_2774.N1	24-APR-2007 19:18:23	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26921	No
270	GOM_NL__2PRFIN20070424_192152_000000362057_00314_26921_2775.N1	24-APR-2007 19:21:52	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26921	No
271	GOM_NL__2PRFIN20070424_192945_000000362057_00314_26921_2776.N1	24-APR-2007 19:29:45	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	26921	No
272	GOM_NL__2PRFIN20070424_193401_000000362057_00314_26921_2777.N1	24-APR-2007 19:34:01	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	26921	No
273	GOM_NL__2PRFIN20070424_193636_000000372057_00314_26921_2778.N1	24-APR-2007 19:36:36	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	26921	No
274	GOM_NL__2PRFIN20070424_194100_000000352057_00314_26921_2779.N1	24-APR-2007 19:41:00	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	26921	No
275	GOM_NL__2PRFIN20070424_194423_000000352057_00314_26921_2780.N1	24-APR-2007 19:44:23	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	26921	No
276	GOM_NL__2PRFIN20070424_195211_000000342057_00314_26921_2781.N1	24-APR-2007 19:52:11	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	26921	No
277	GOM_NL__2PRFIN20070424_195328_000000342057_00314_26921_2782.N1	24-APR-2007 19:53:28	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	26921	No
278	GOM_NL__2PRFIN20070424_200220_000000402057_00314_26921_2783.N1	24-APR-2007 20:02:20	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	26921	No

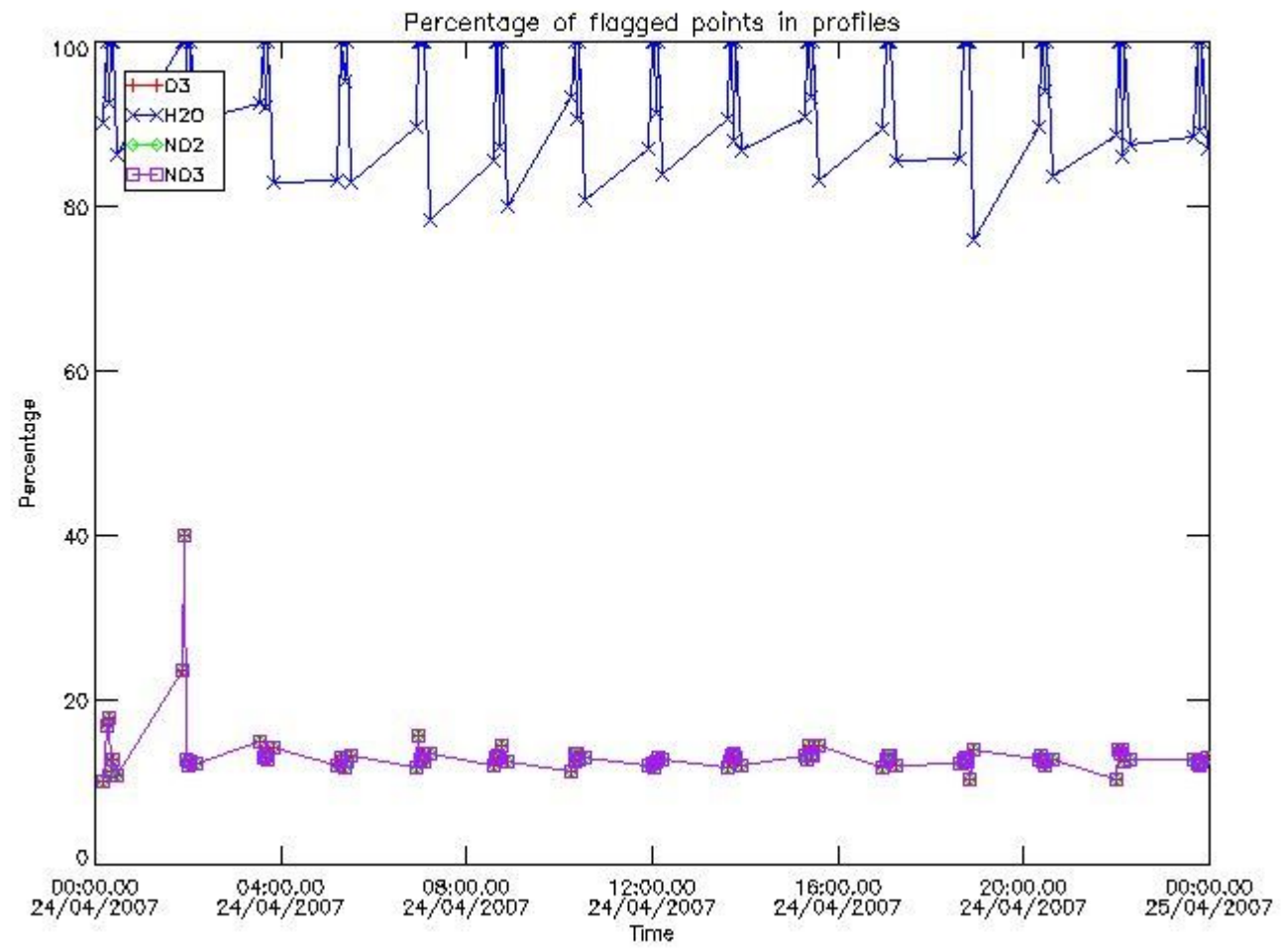
279	GOM_NL__2PRFIN20070424_200606_000000432057_00314_26921_2784.N1	24-APR-2007 20:06:06	Twilight	43.000	90	54Alp Peg	2.4870	11000.	86	26921	No
280	GOM_NL__2PRFIN20070424_201841_000000442057_00314_26921_2785.N1	24-APR-2007 20:18:41	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	26921	No
281	GOM_NL__2PRFIN20070424_202233_000000392057_00314_26921_2786.N1	24-APR-2007 20:22:33	Dark	38.500	172	Gam Gru	3.0030	13100.	77	26921	No
282	GOM_NL__2PRFIN20070424_202420_000000412057_00314_26921_2787.N1	24-APR-2007 20:24:20	Dark	41.000	31	Alp Gru	1.7340	15200.	82	26921	No
283	GOM_NL__2PRFIN20070424_202714_000000432057_00314_26921_2788.N1	24-APR-2007 20:27:14	Dark	42.500	148	Alp Tuc	2.8780	4100.0	85	26921	No
284	GOM_NL__2PRFIN20070424_202937_000000402057_00315_26922_4259.N1	24-APR-2007 20:29:37	Dark	40.000	45	Alp Pav	1.9400	26000.	80	26922	No
285	GOM_NL__2PRFIN20070424_203638_000000402057_00315_26922_4260.N1	24-APR-2007 20:36:38	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	26922	No
286	GOM_NL__2PRFIN20070424_203848_000000372057_00315_26922_4261.N1	24-APR-2007 20:38:48	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	26922	No
287	GOM_NL__2PRFIN20070424_204100_000000442057_00315_26922_4262.N1	24-APR-2007 20:41:00	Straylight	43.500	4	Alp1Cen	-0.010000	5800.0	87	26922	No
288	GOM_NL__2PRFIN20070424_204420_000000412057_00315_26922_4263.N1	24-APR-2007 20:44:20	Straylight	40.500	78	Alp Lup	2.3040	28000.	81	26922	No
289	GOM_NL__2PRFIN20070424_204554_000000412057_00315_26922_4264.N1	24-APR-2007 20:45:54	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	26922	No
290	GOM_NL__2PRFIN20070424_204806_000000442057_00315_26922_4265.N1	24-APR-2007 20:48:06	Straylight	43.500	54	5The Cen	2.0550	4500.0	87	26922	No
291	GOM_NL__2PRFIN20070424_205232_000000412057_00315_26922_4266.N1	24-APR-2007 20:52:32	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	26922	No
292	GOM_NL__2PRFIN20070424_205557_000000382057_00315_26922_4267.N1	24-APR-2007 20:55:57	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	26922	No
293	GOM_NL__2PRFIN20070424_205859_000000362057_00315_26922_4268.N1	24-APR-2007 20:58:59	Bright	36.000	121	29Gam Vir	2.7400	7200.0	72	26922	No
294	GOM_NL__2PRFIN20070424_210228_000000362057_00315_26922_4269.N1	24-APR-2007 21:02:28	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26922	No
295	GOM_NL__2PRFIN20070424_211021_000000352057_00315_26922_4270.N1	24-APR-2007 21:10:21	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	26922	No
296	GOM_NL__2PRFIN20070424_211438_000000342057_00315_26922_4271.N1	24-APR-2007 21:14:38	Bright	33.500	87	64Gam UMa	2.4330	11000.	67	26922	No
297	GOM_NL__2PRFIN20070424_211712_000000382057_00315_26922_4272.N1	24-APR-2007 21:17:12	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	26922	No
298	GOM_NL__2PRFIN20070424_212135_000000372057_00315_26922_4273.N1	24-APR-2007 21:21:35	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	26922	No
299	GOM_NL__2PRFIN20070424_212459_000000342057_00315_26922_4274.N1	24-APR-2007 21:24:59	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	26922	No
300	GOM_NL__2PRFIN20070424_213247_000000382057_00315_26922_4275.N1	24-APR-2007 21:32:47	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	26922	No
301	GOM_NL__2PRFIN20070424_213404_000000492057_00315_26922_4276.N1	24-APR-2007 21:34:04	Bright	48.500	68	18Alp Cas	2.2250	4500.0	97	26922	No
302	GOM_NL__2PRFIN20070424_214256_000000392057_00315_26922_4277.N1	24-APR-2007 21:42:56	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	26922	No
303	GOM_NL__2PRFIN20070424_214642_000000402057_00315_26922_4278.N1	24-APR-2007 21:46:42	Twilight	39.500	90	54Alp Peg	2.4870	11000.	79	26922	No
304	GOM_NL__2PRFIN20070424_215917_000000492057_00315_26922_4279.N1	24-APR-2007 21:59:17	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	26922	No
305	GOM_NL__2PRFIN20070424_220309_000000402057_00315_26922_4280.N1	24-APR-2007 22:03:09	Dark	40.000	172	Gam Gru	3.0030	13100.	80	26922	No
306	GOM_NL__2PRFIN20070424_220456_000000422057_00315_26922_4281.N1	24-APR-2007 22:04:56	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26922	No
307	GOM_NL__2PRFIN20070424_220750_000000402057_00315_26922_4282.N1	24-APR-2007 22:07:50	Dark	40.000	148	Alp Tuc	2.8780	4100.0	80	26922	No
308	GOM_NL__2PRFIN20070424_221014_000000412057_00316_26923_2644.N1	24-APR-2007 22:10:14	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26923	No
309	GOM_NL__2PRFIN20070424_221714_000000402057_00316_26923_2645.N1	24-APR-2007 22:17:14	Dark	40.000	43	Alp TrA	1.9100	4250.0	80	26923	No
310	GOM_NL__2PRFIN20070424_221924_000000392057_00316_26923_2646.N1	24-APR-2007 22:19:24	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	26923	No
311	GOM_NL__2PRFIN20070424_222136_000000502057_00316_26923_2647.N1	24-APR-2007 22:21:36	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	26923	No
312	GOM_NL__2PRFIN20070424_222456_000000422057_00316_26923_2648.N1	24-APR-2007 22:24:56	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	26923	No
313	GOM_NL__2PRFIN20070424_222630_000000402057_00316_26923_2649.N1	24-APR-2007 22:26:30	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	26923	No
314	GOM_NL__2PRFIN20070424_222842_000000442057_00316_26923_2650.N1	24-APR-2007 22:28:42	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	26923	No
315	GOM_NL__2PRFIN20070424_223308_000000412057_00316_26923_2651.N1	24-APR-2007 22:33:08	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	26923	No
316	GOM_NL__2PRFIN20070424_223633_000000412057_00316_26923_2652.N1	24-APR-2007 22:36:33	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	26923	No
317	GOM_NL__2PRFIN20070424_223935_000000372057_00316_26923_2653.N1	24-APR-2007 22:39:35	Bright	36.500	121	29Gam Vir	2.7400	7200.0	73	26923	No
318	GOM_NL__2PRFIN20070424_224304_000000362057_00316_26923_2654.N1	24-APR-2007 22:43:04	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	26923	No
319	GOM_NL__2PRFIN20070424_225513_000000332057_00316_26923_2655.N1	24-APR-2007 22:55:13	Bright	33.000	87	64Gam UMa	2.4330	11000.	66	26923	No
320	GOM_NL__2PRFIN20070424_225748_000000362057_00316_26923_2656.N1	24-APR-2007 22:57:48	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	26923	No
321	GOM_NL__2PRFIN20070424_230211_000000382057_00316_26923_2657.N1	24-APR-2007 23:02:11	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	26923	No
322	GOM_NL__2PRFIN20070424_230535_000000322057_00316_26923_2658.N1	24-APR-2007 23:05:35	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	26923	No
323	GOM_NL__2PRFIN20070424_231323_000000352057_00316_26923_2659.N1	24-APR-2007 23:13:23	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	26923	No
324	GOM_NL__2PRFIN20070424_231440_000000352057_00316_26923_2660.N1	24-APR-2007 23:14:40	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	26923	No
325	GOM_NL__2PRFIN20070424_232332_000000412057_00316_26923_2661.N1	24-APR-2007 23:23:32	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	26923	No
326	GOM_NL__2PRFIN20070424_232718_000000422057_00316_26923_2662.N1	24-APR-2007 23:27:18	Twilight	42.000	90	54Alp Peg	2.4870	11000.	84	26923	No
327	GOM_NL__2PRFIN20070424_233953_000000442057_00316_26923_2663.N1	24-APR-2007 23:39:53	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	26923	No
328	GOM_NL__2PRFIN20070424_234532_000000422057_00316_26923_2664.N1	24-APR-2007 23:45:32	Dark	41.500	31	Alp Gru	1.7340	15200.	83	26923	No
329	GOM_NL__2PRFIN20070424_234826_000000422057_00316_26923_2665.N1	24-APR-2007 23:48:26	Dark	42.000	148	Alp Tuc	2.8780	4100.0	84	26923	No
330	GOM_NL__2PRFIN20070424_235050_000000412057_00317_26924_2669.N1	24-APR-2007 23:50:50	Dark	41.000	45	Alp Pav	1.9400	26000.	82	26924	No
331	GOM_NL__2PRFIN20070424_235750_000000392057_00317_26924_2670.N1	24-APR-2007 23:57:50	Dark	39.000	43	Alp TrA	1.9100	4250.0	78	26924	No

3. Quality information per product

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

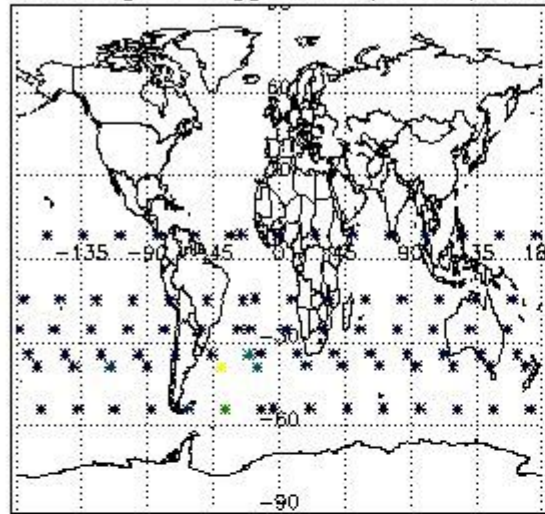
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

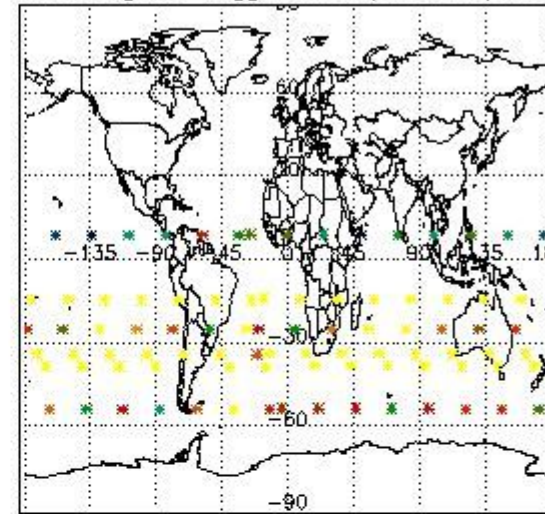


3.2 Plot quality information per product (world map)

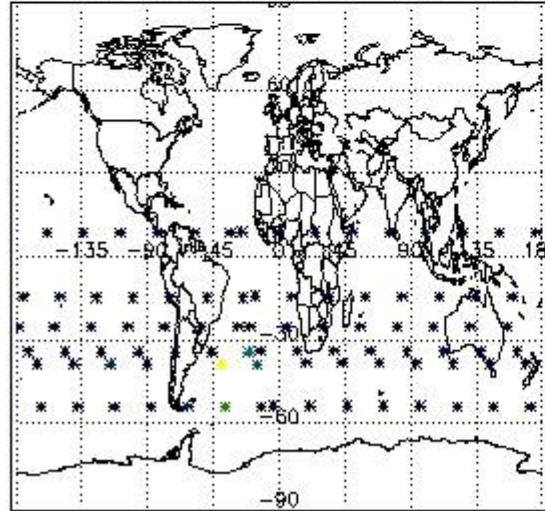
Percentage of flagged data per O3 profile



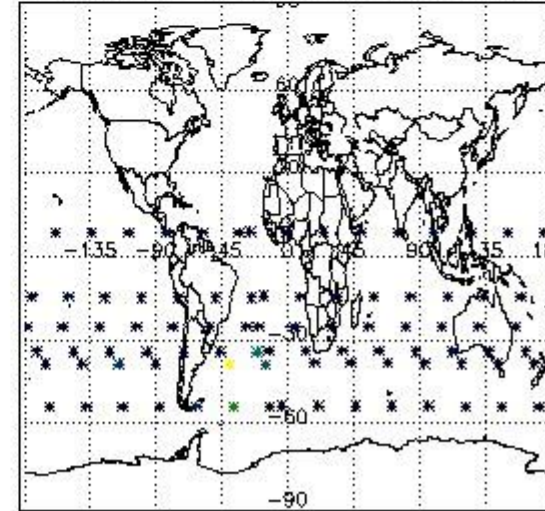
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

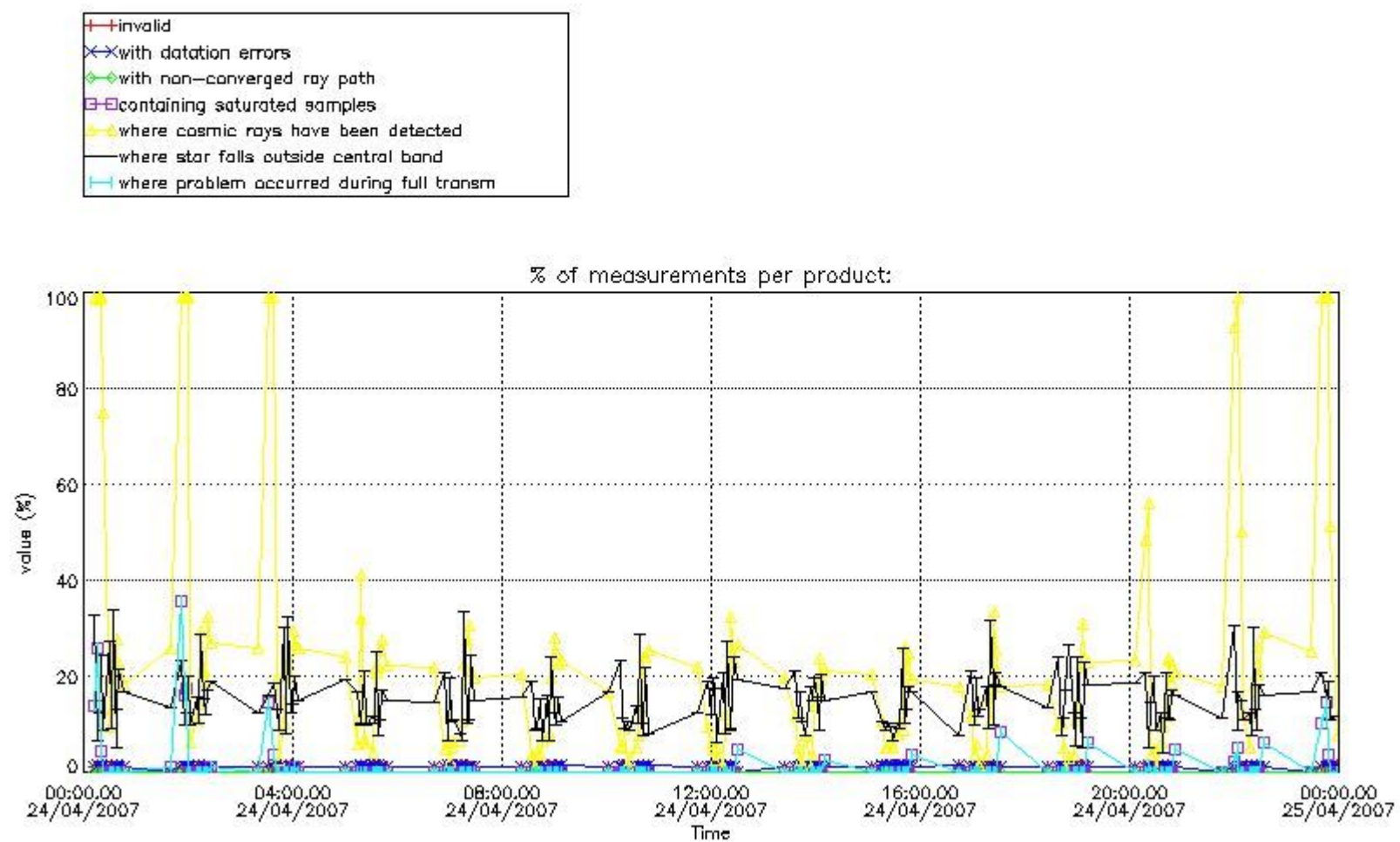


4. Level 1 quality information per product

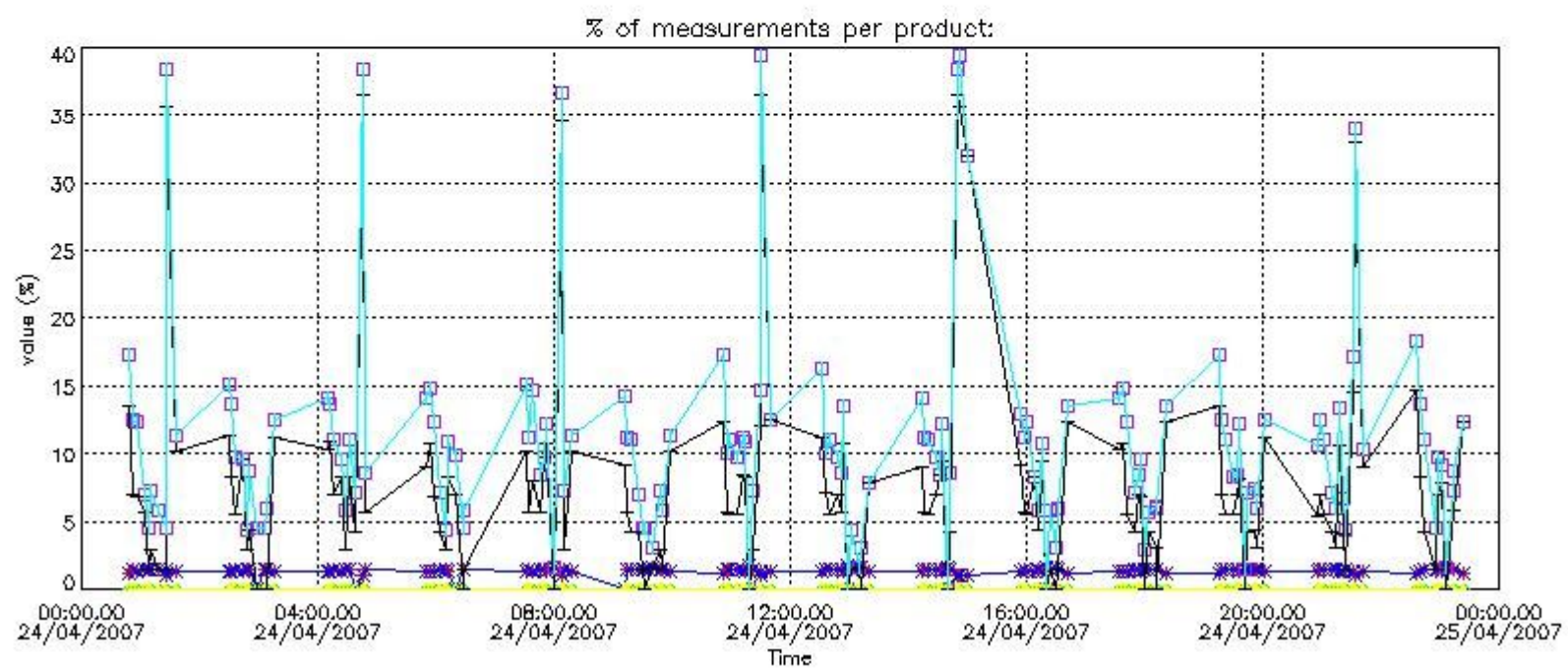
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

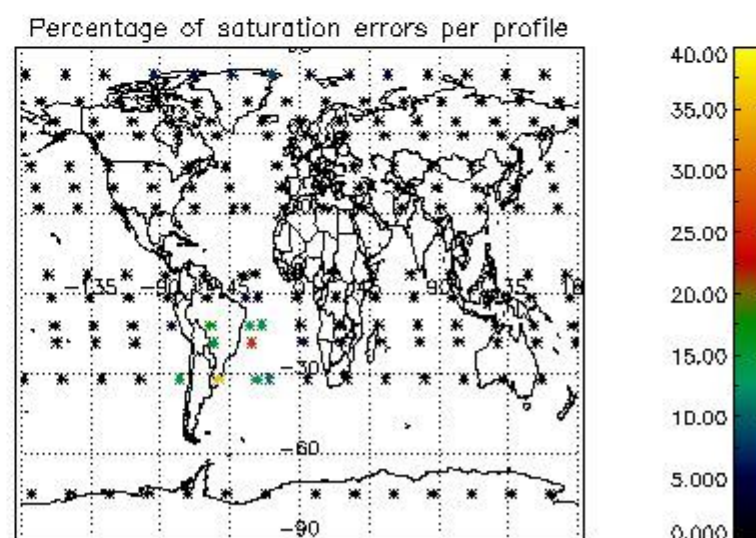
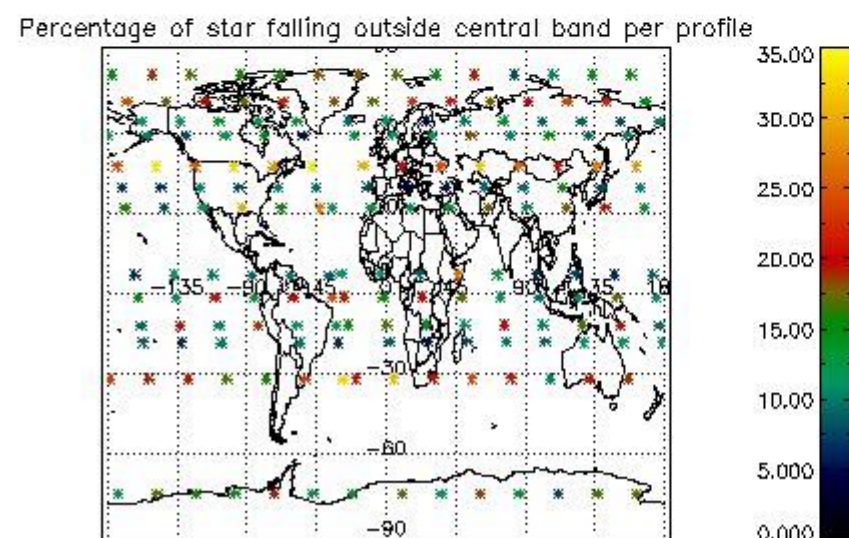
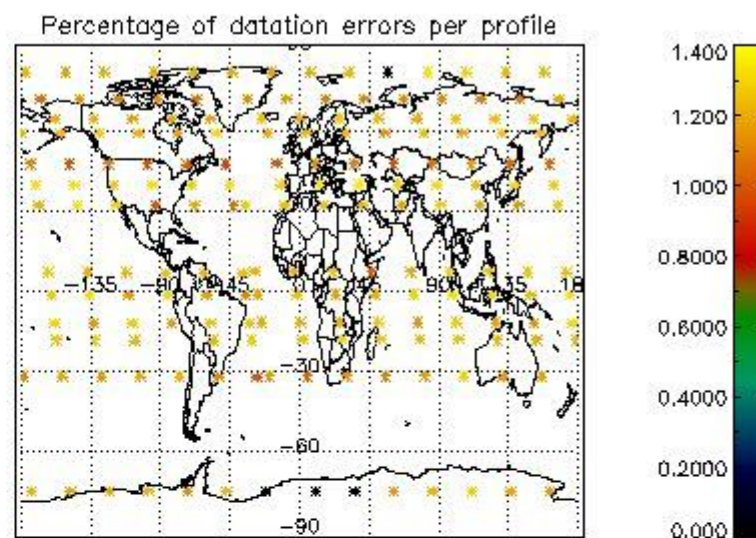
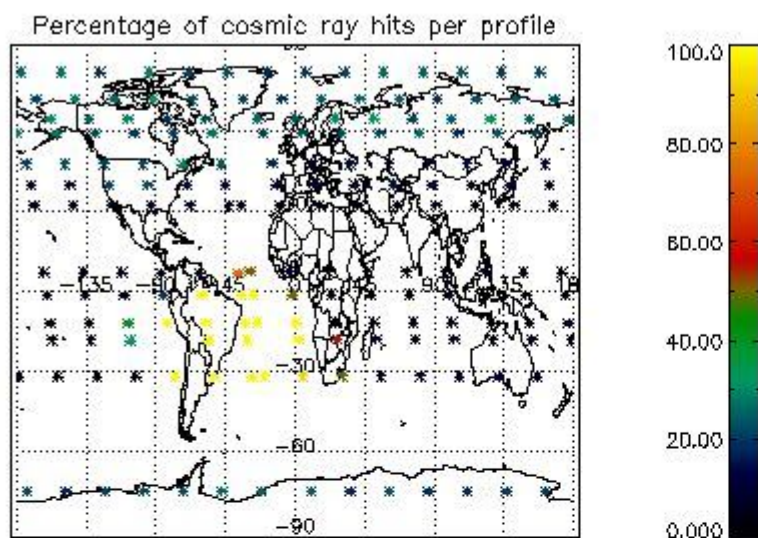


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

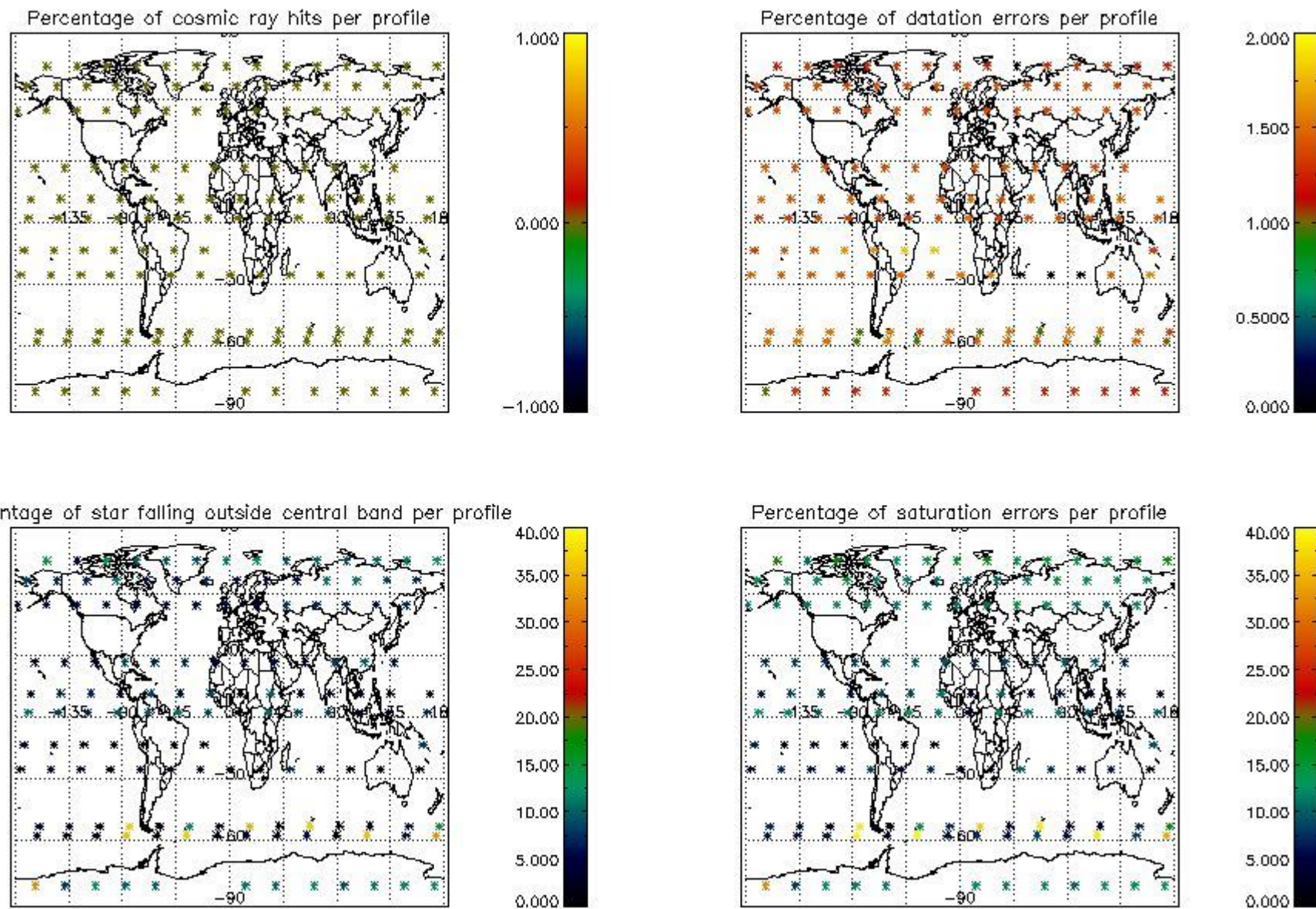


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

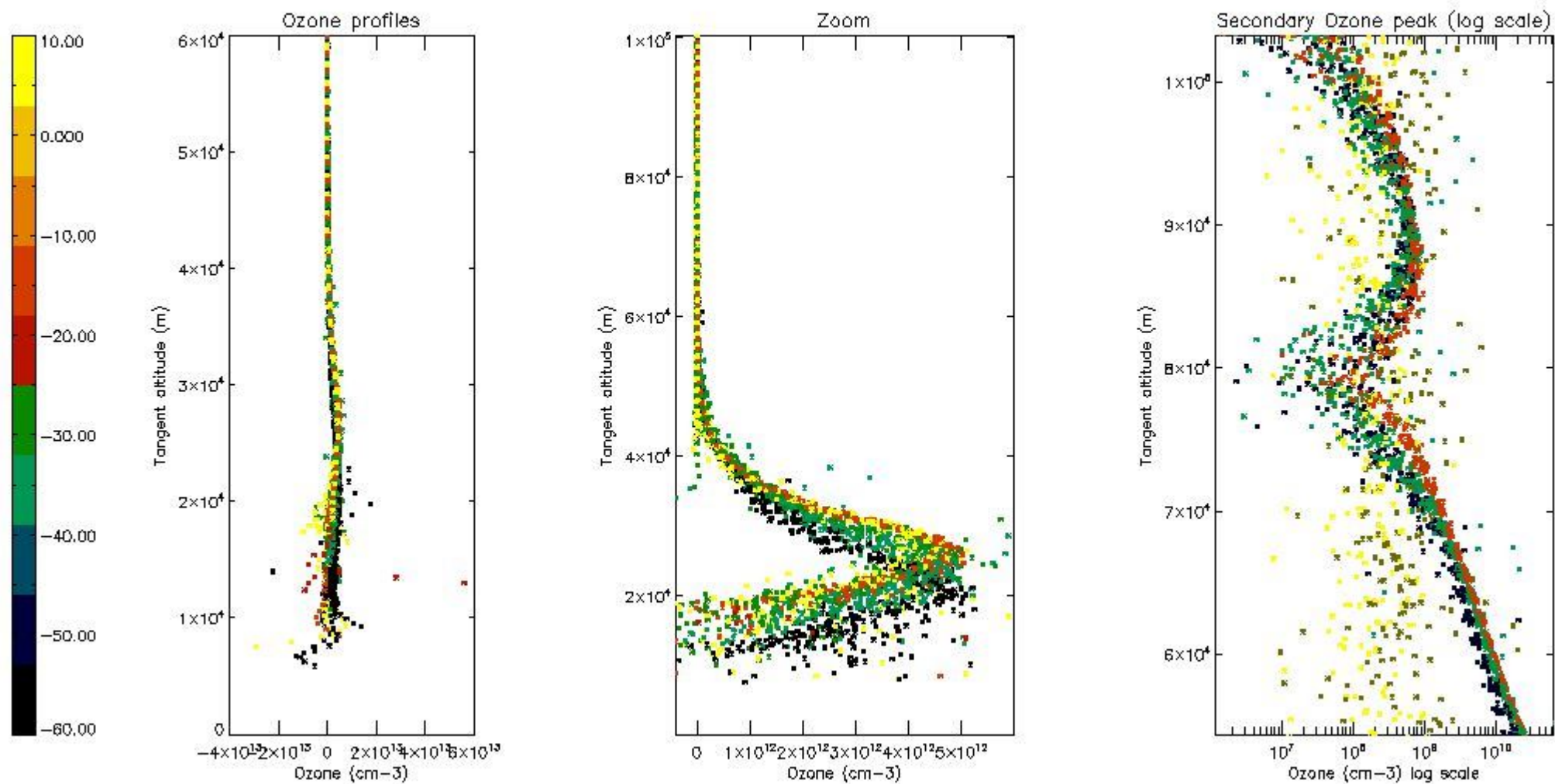
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	14

STD < 10	11
STD < 5	7

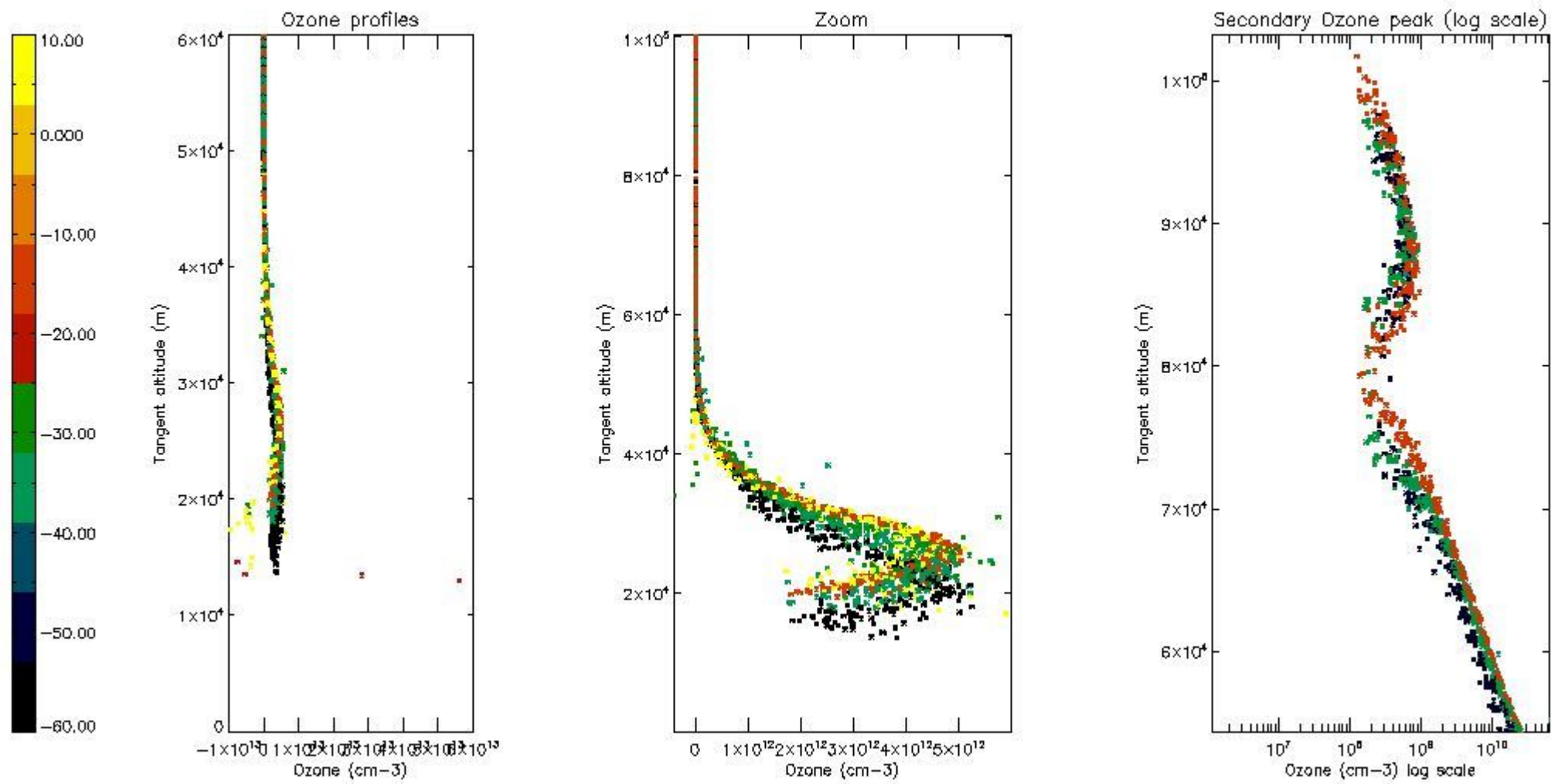
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



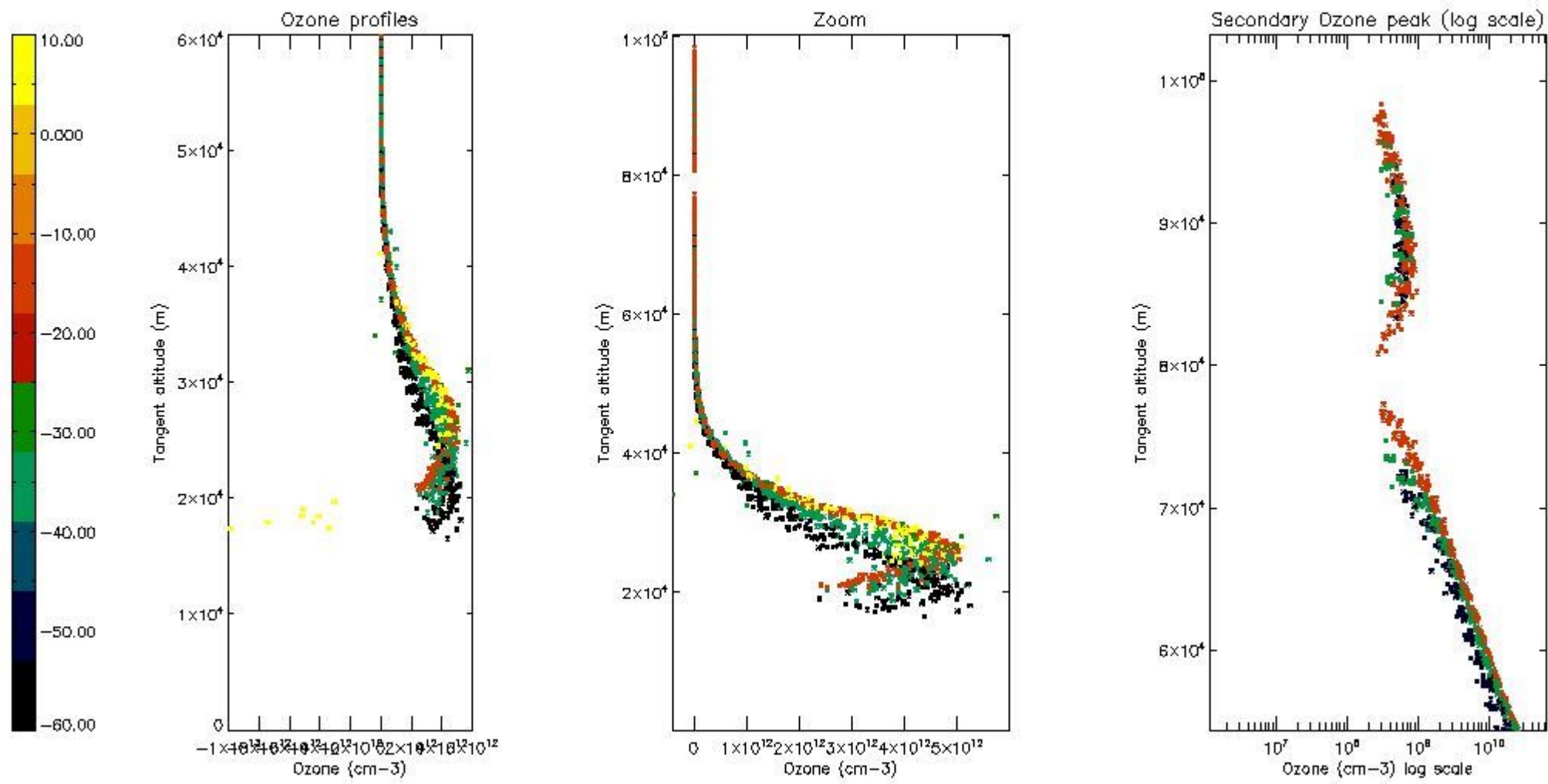
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



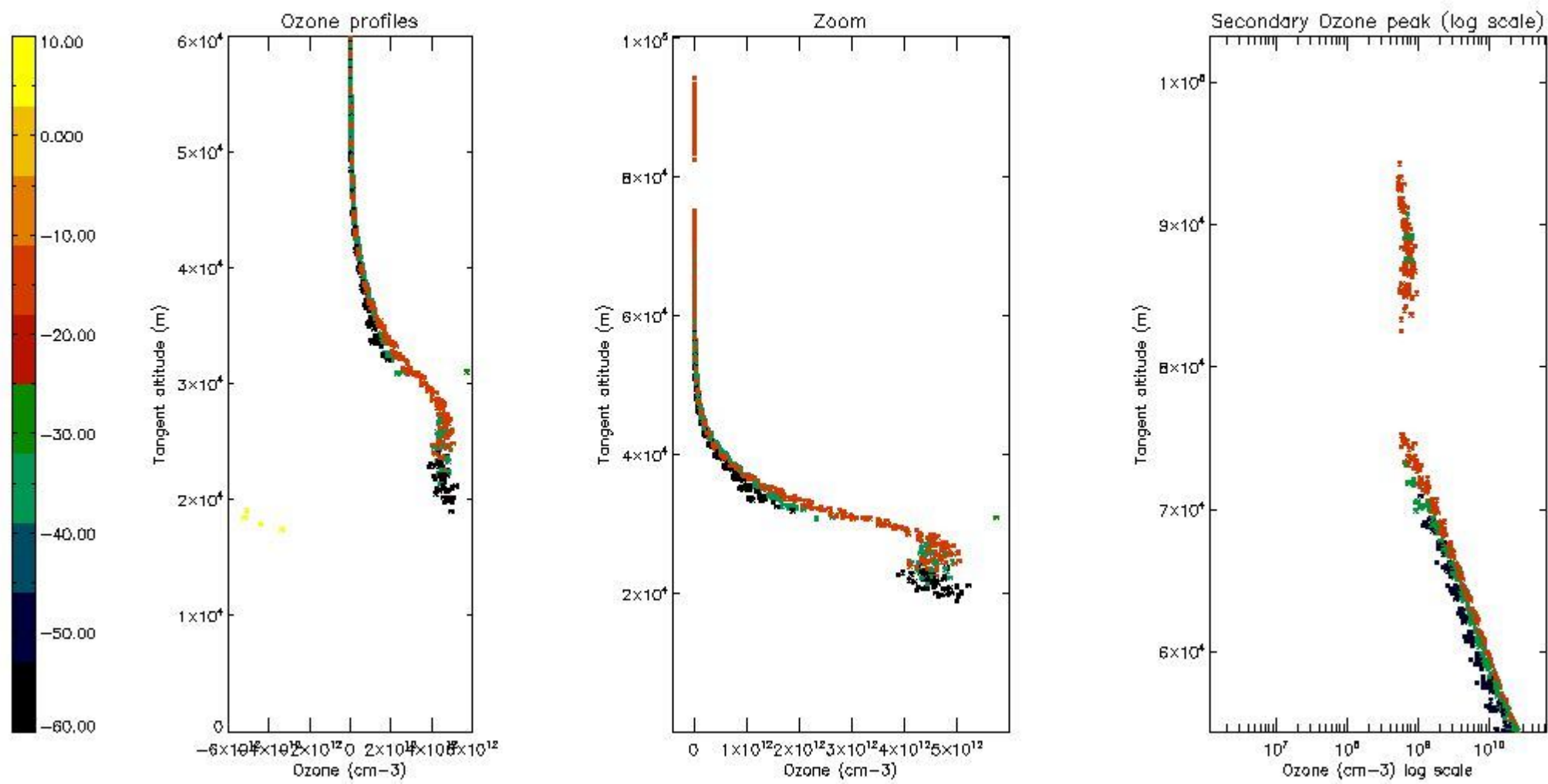
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



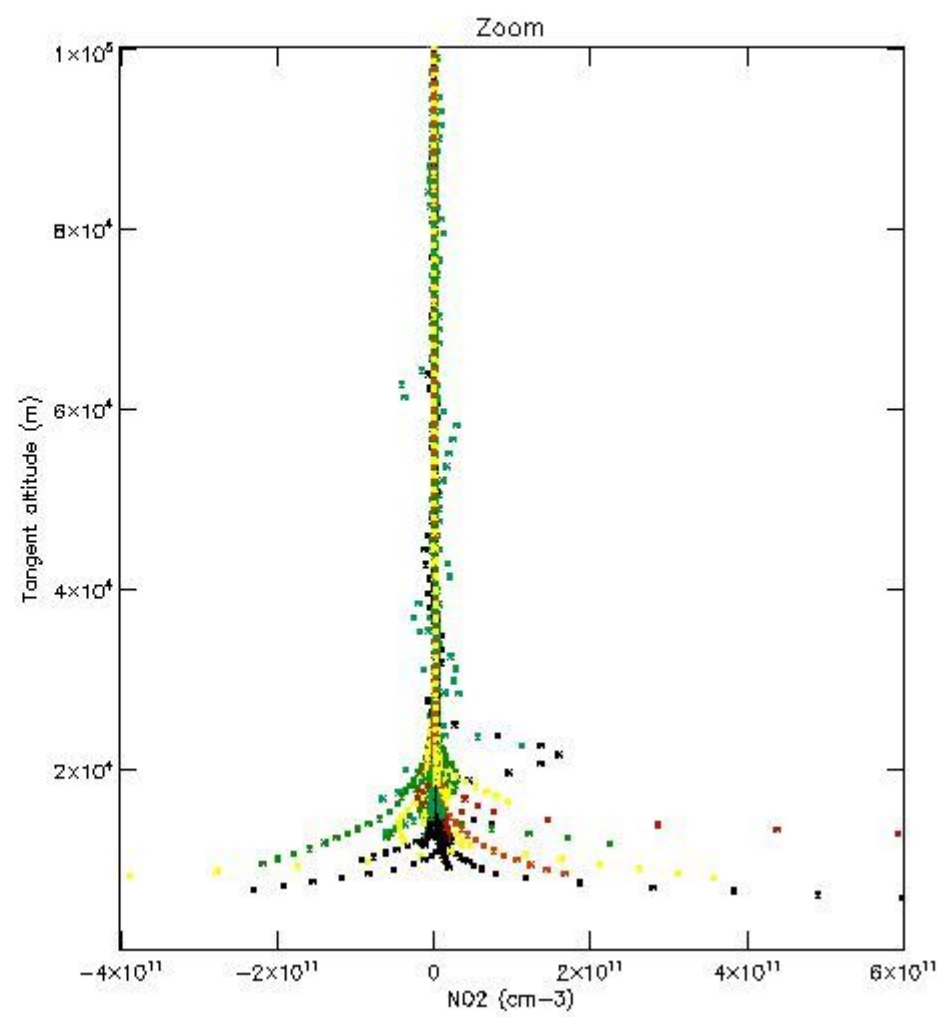
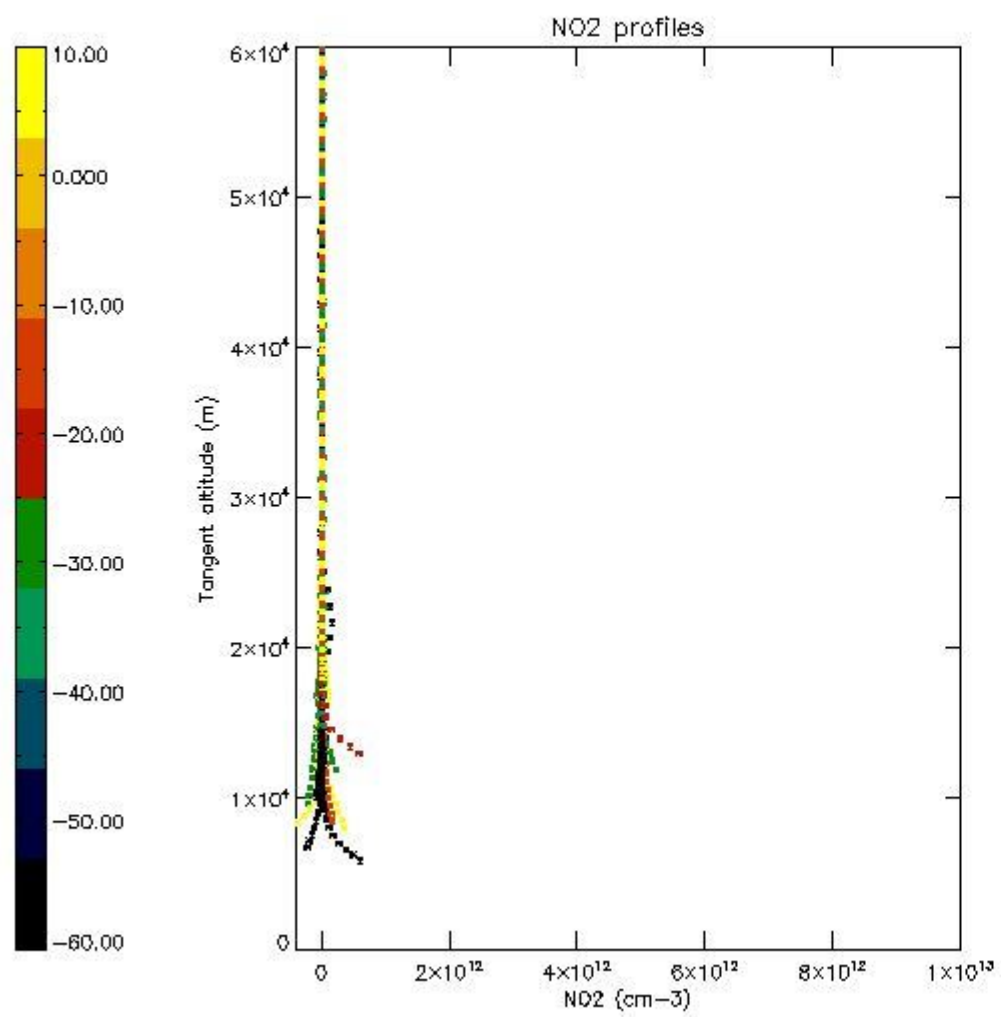
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



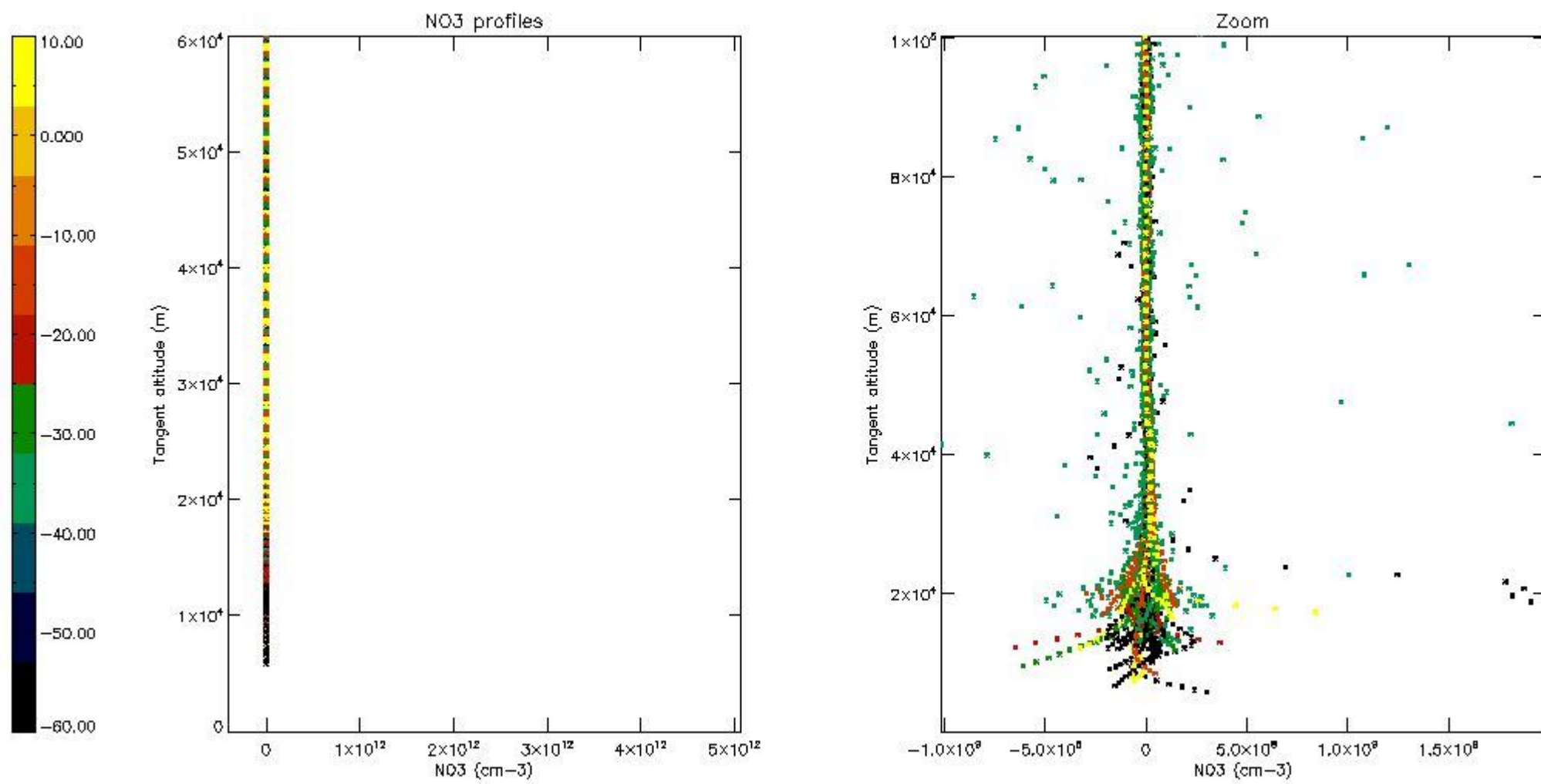
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



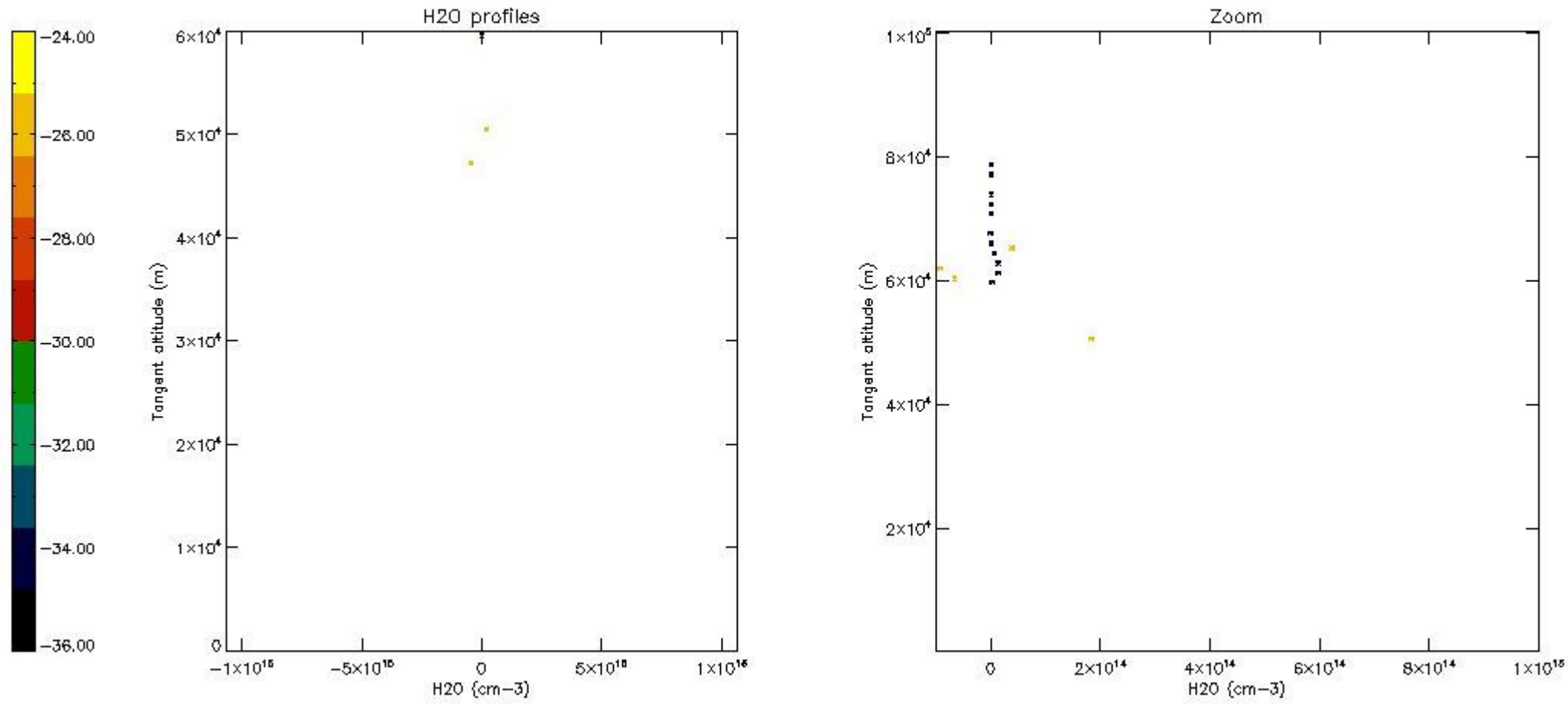
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

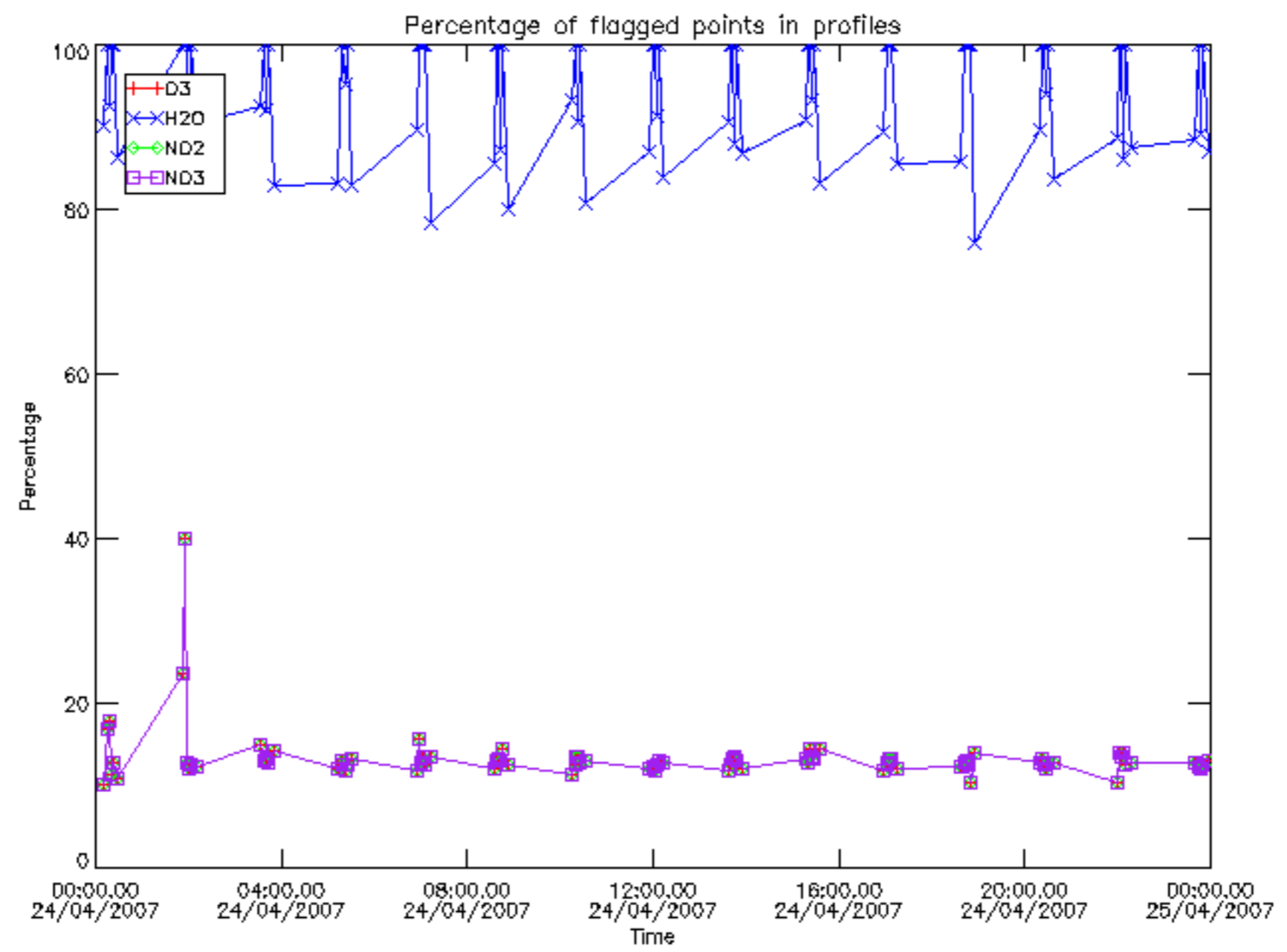
The colorbar represents the latitude.



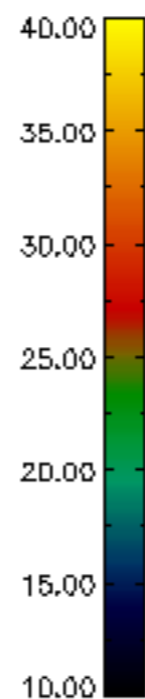
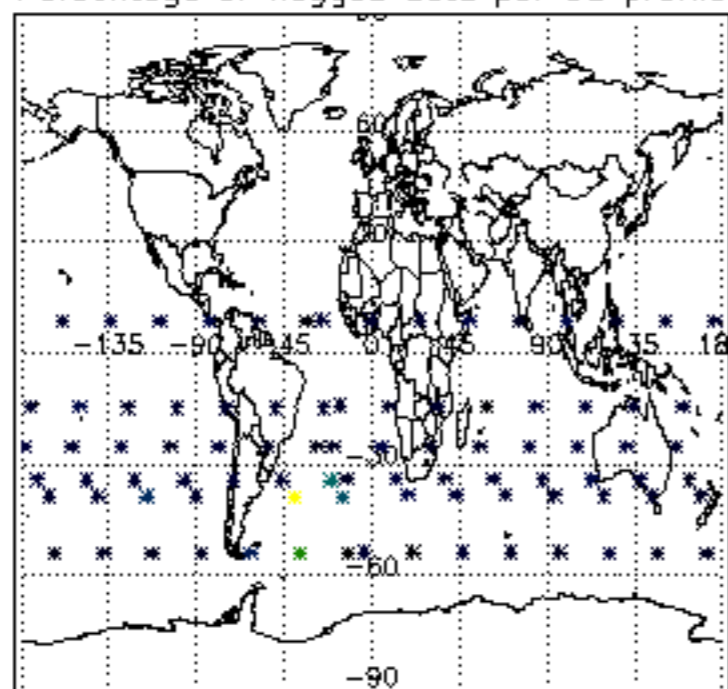
6. Auxiliary Data Files used for the production reported in section 2

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.

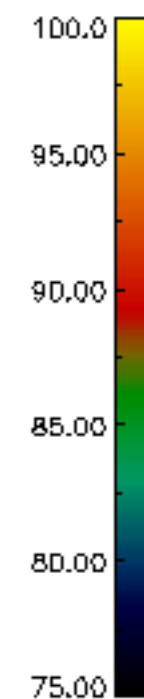
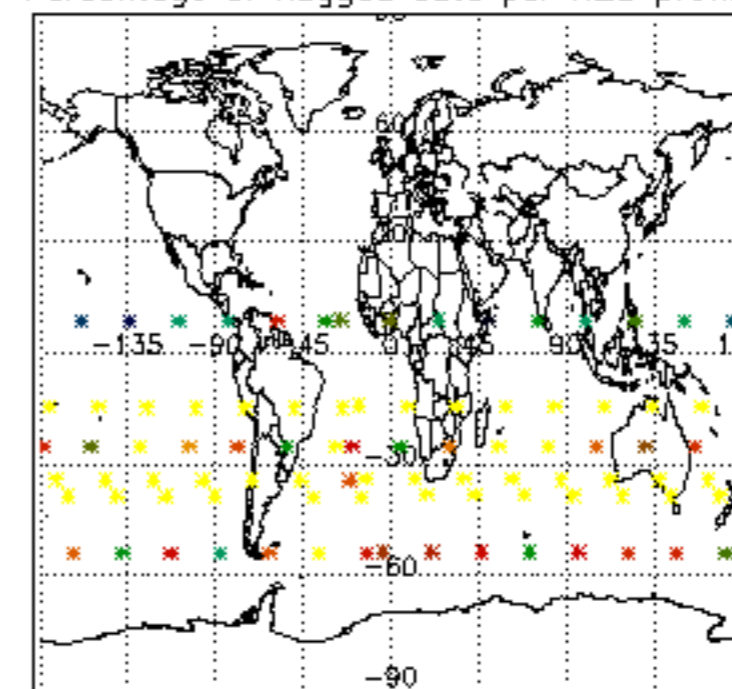
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-APR-2007 00:11:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2007 00:11:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2007 00:11:25



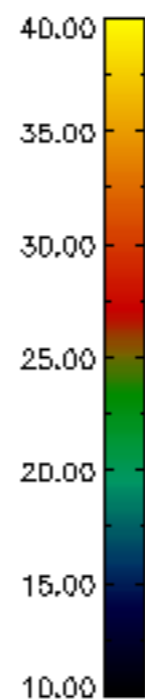
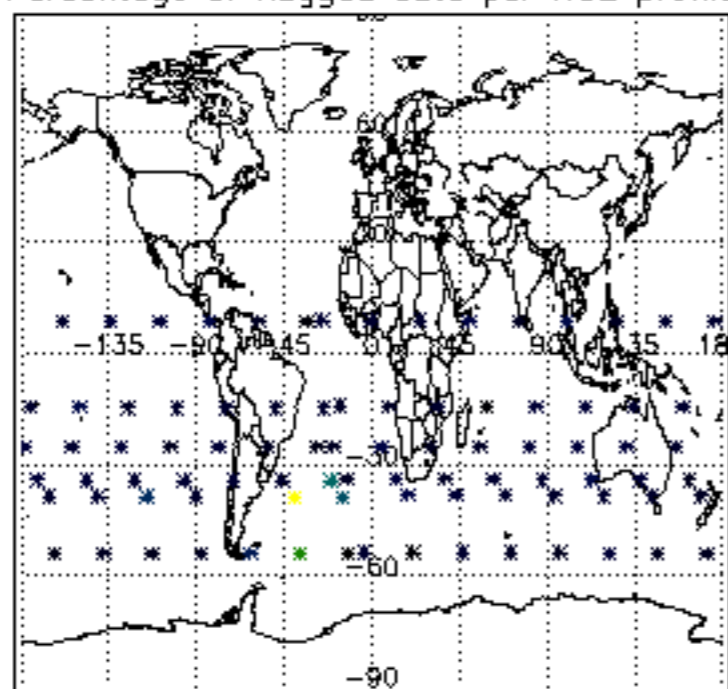
Percentage of flagged data per D3 profile



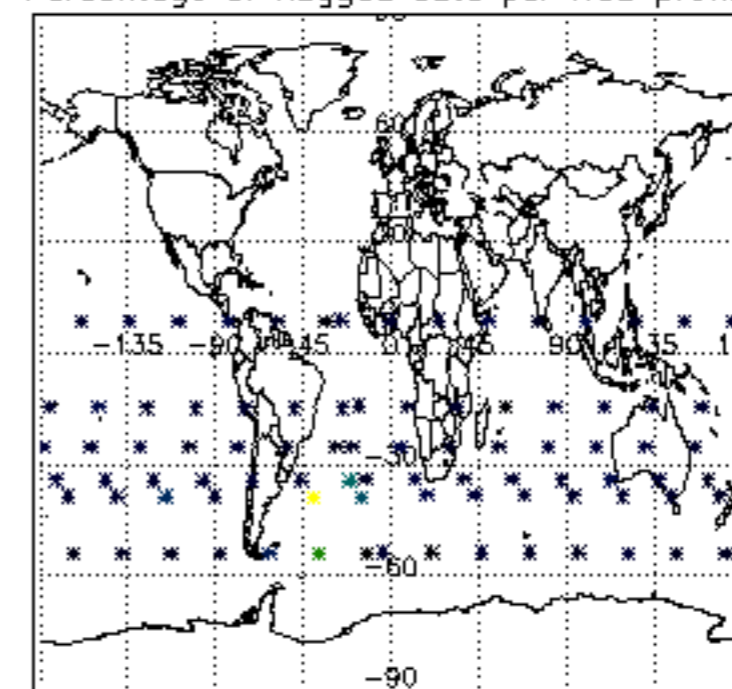
Percentage of flagged data per H2O profile

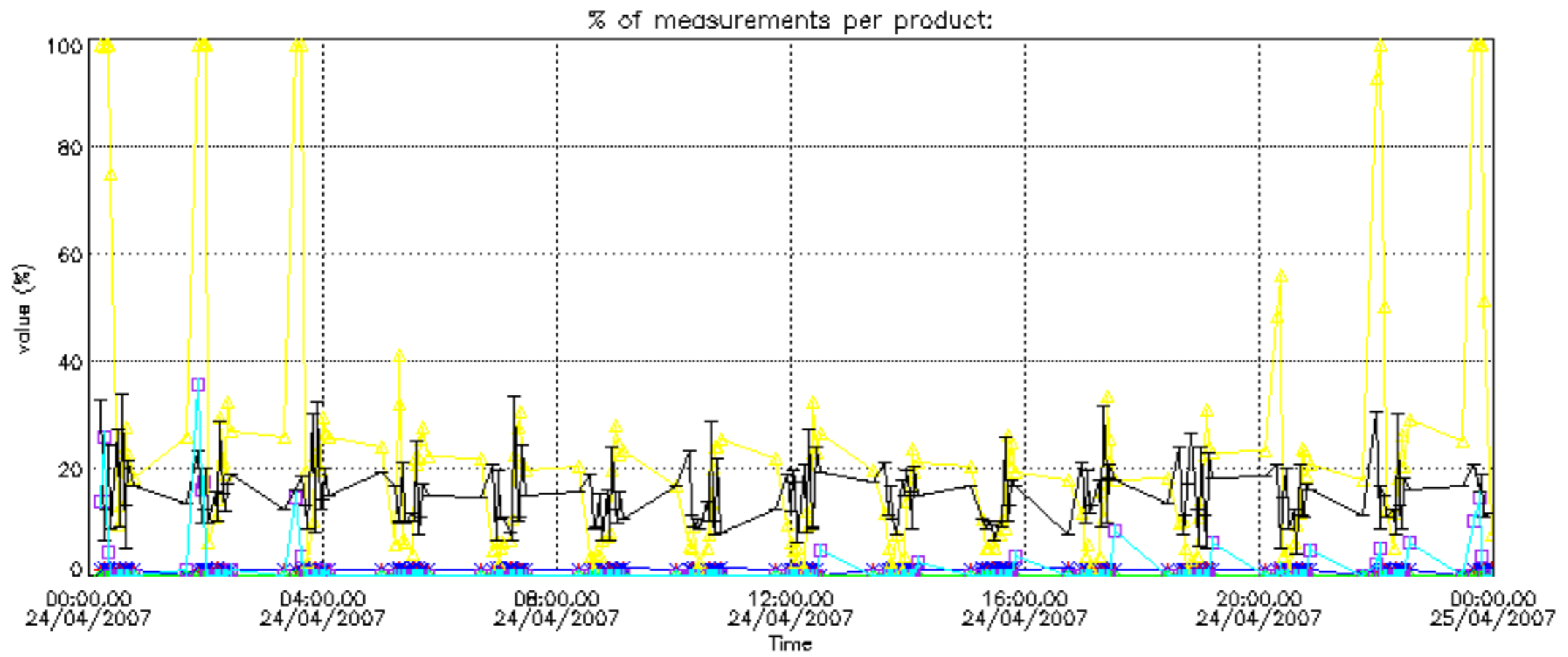


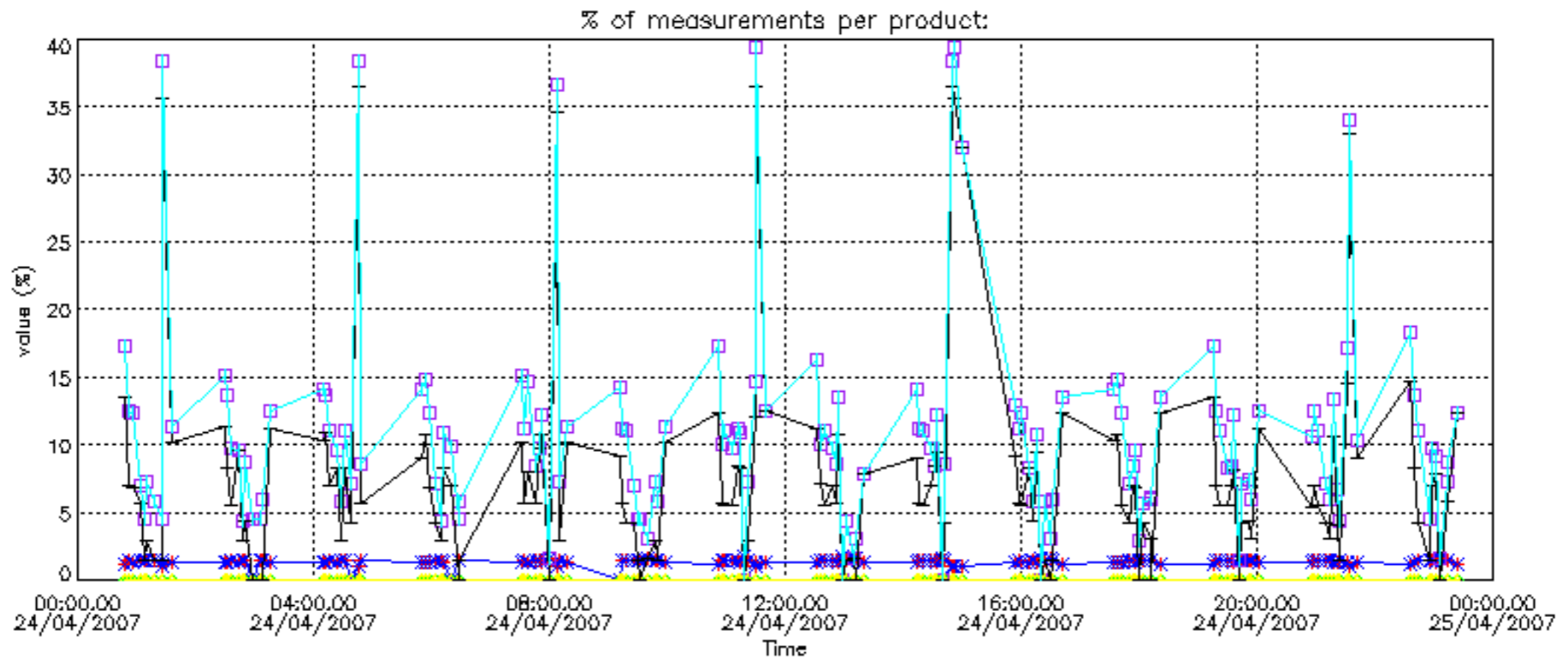
Percentage of flagged data per NO2 profile



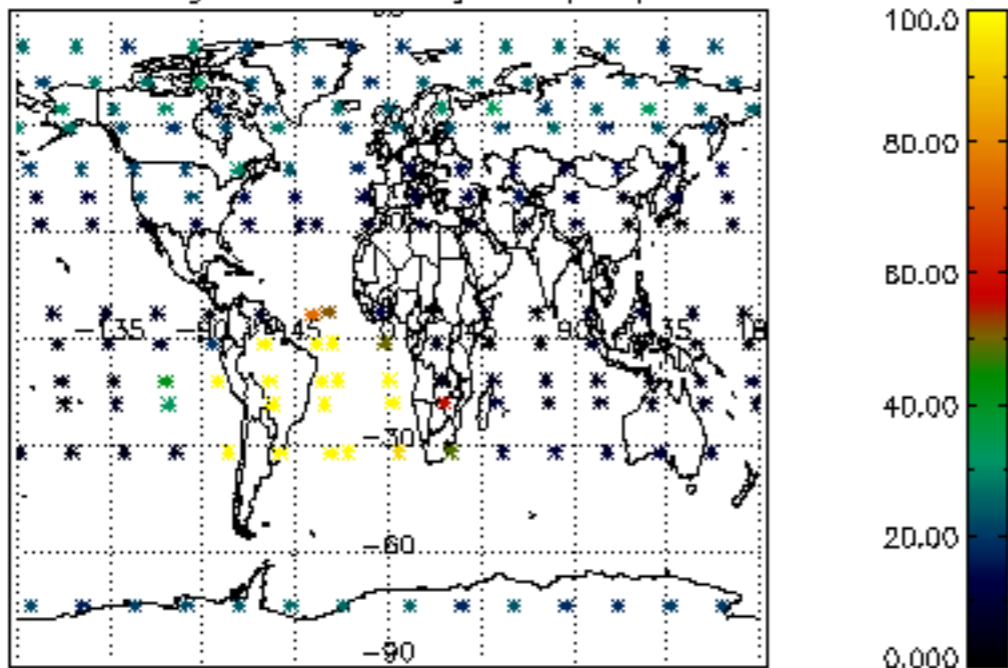
Percentage of flagged data per NO3 profile



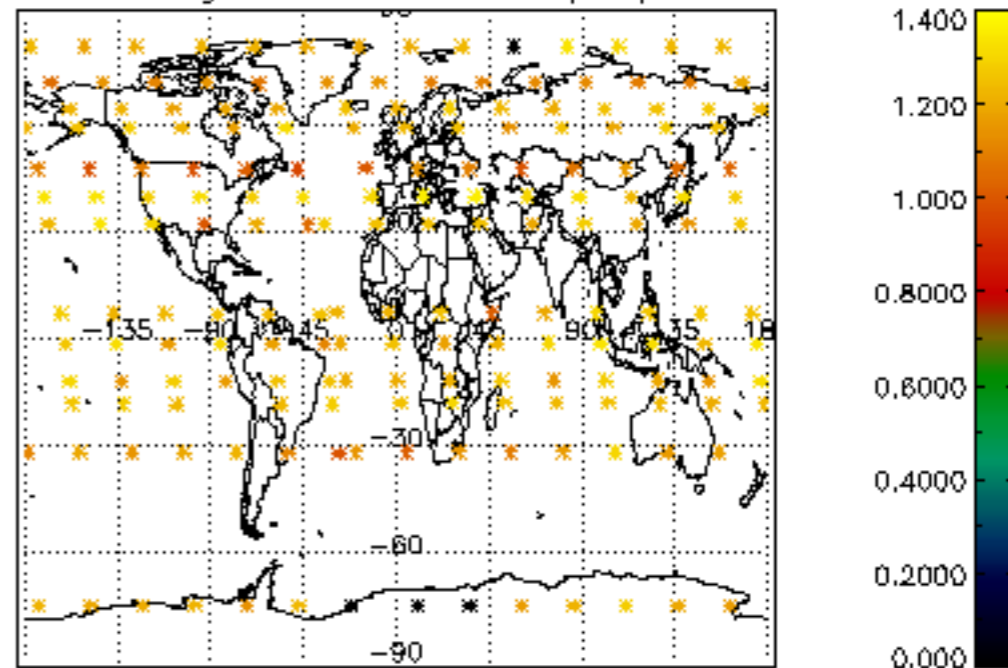




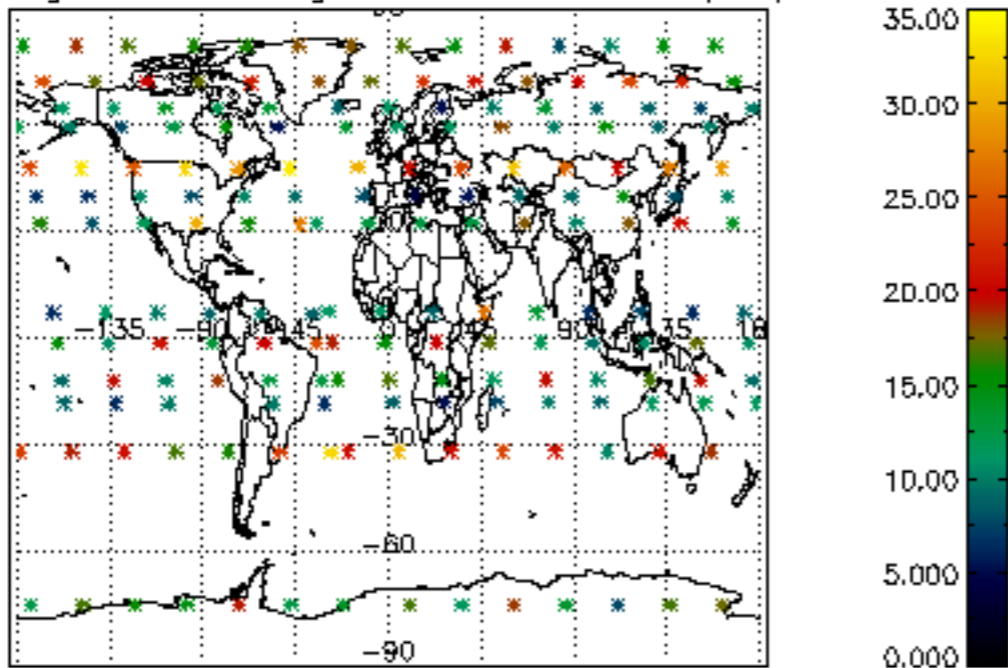
Percentage of cosmic ray hits per profile



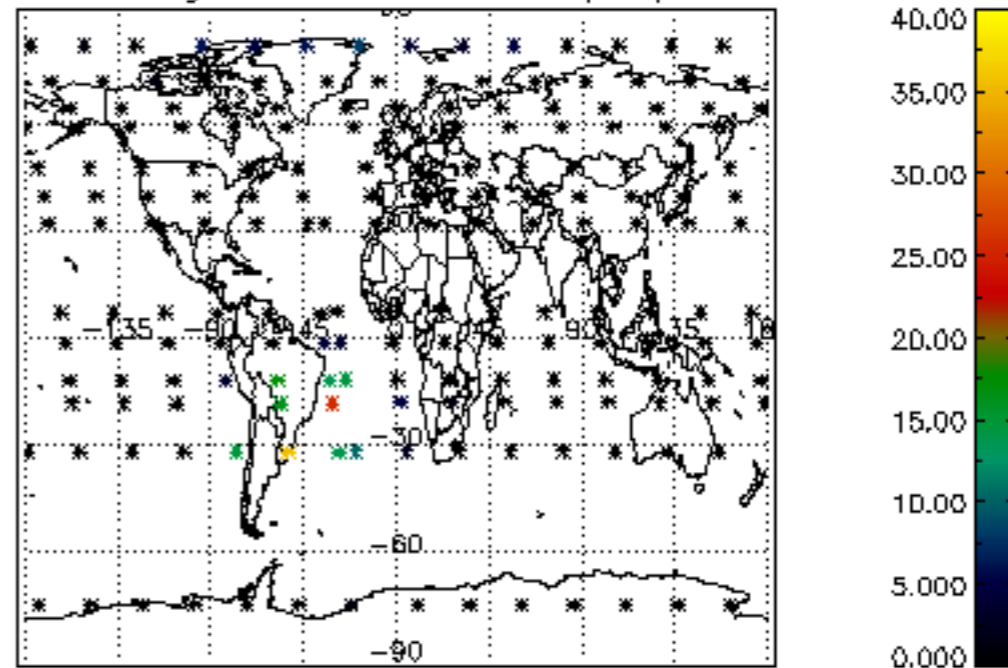
Percentage of datation errors per profile



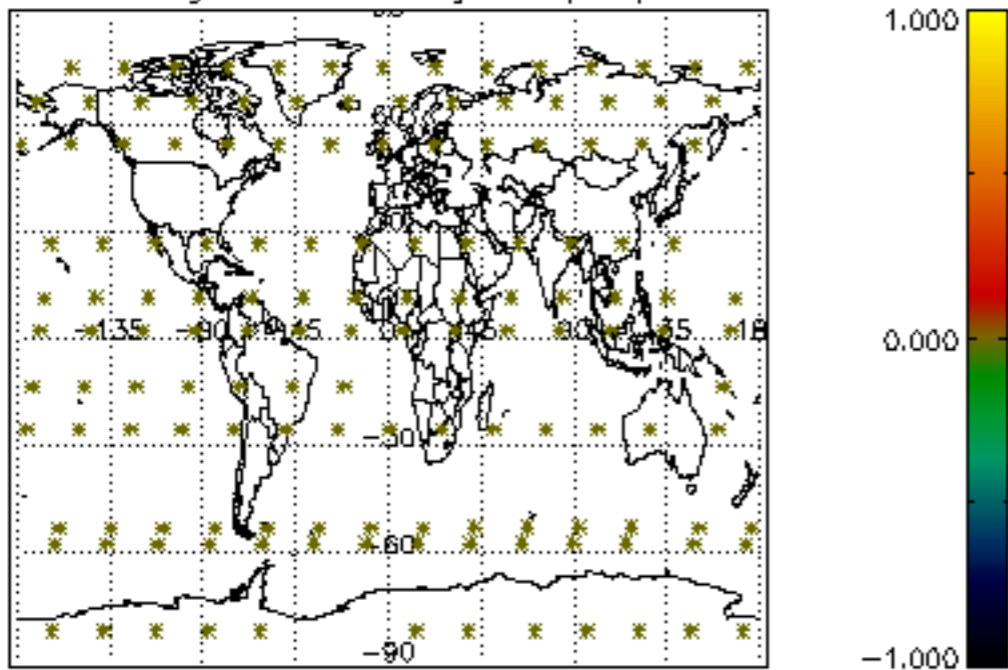
Percentage of star falling outside central band per profile



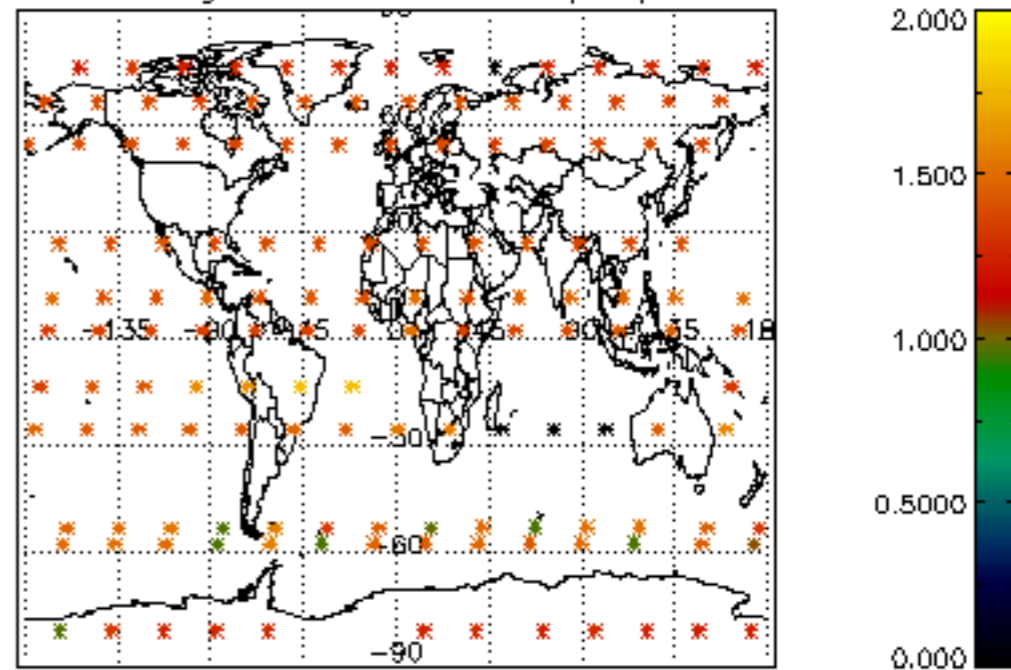
Percentage of saturation errors per profile



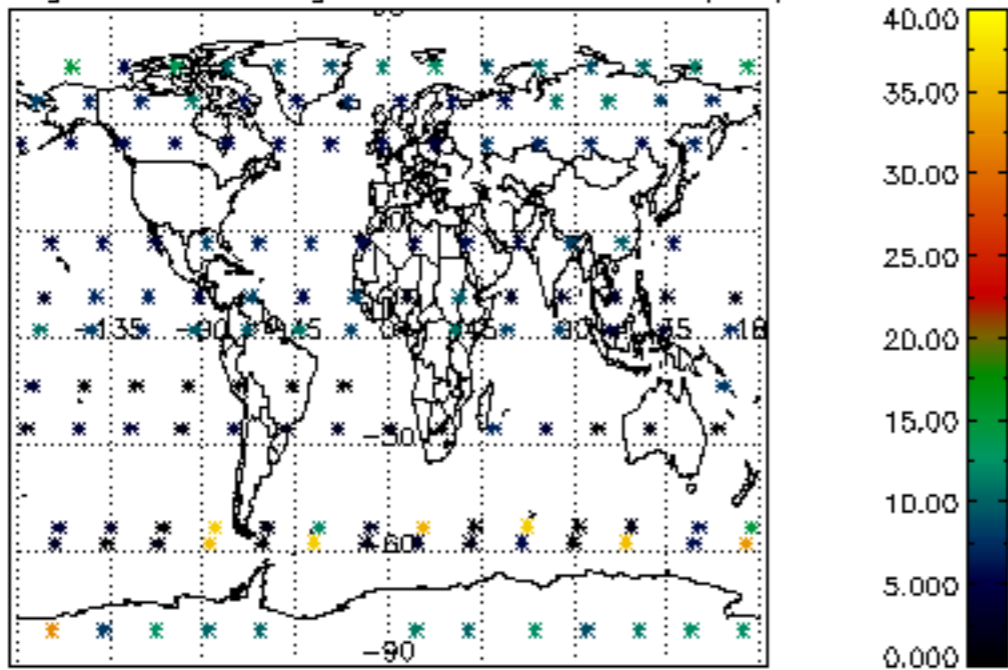
Percentage of cosmic ray hits per profile



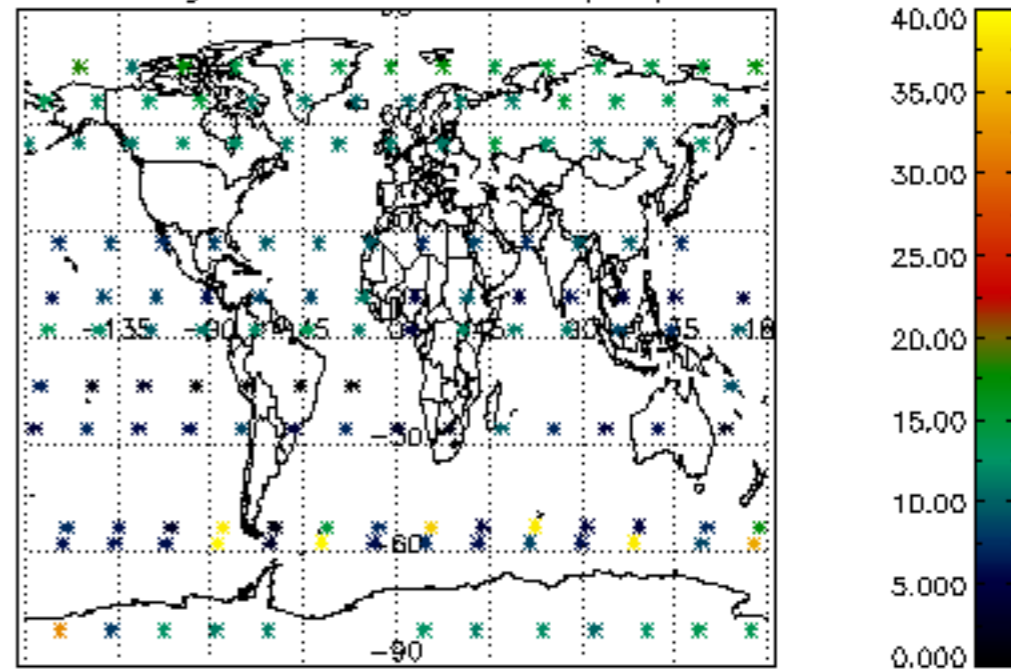
Percentage of datation errors per profile

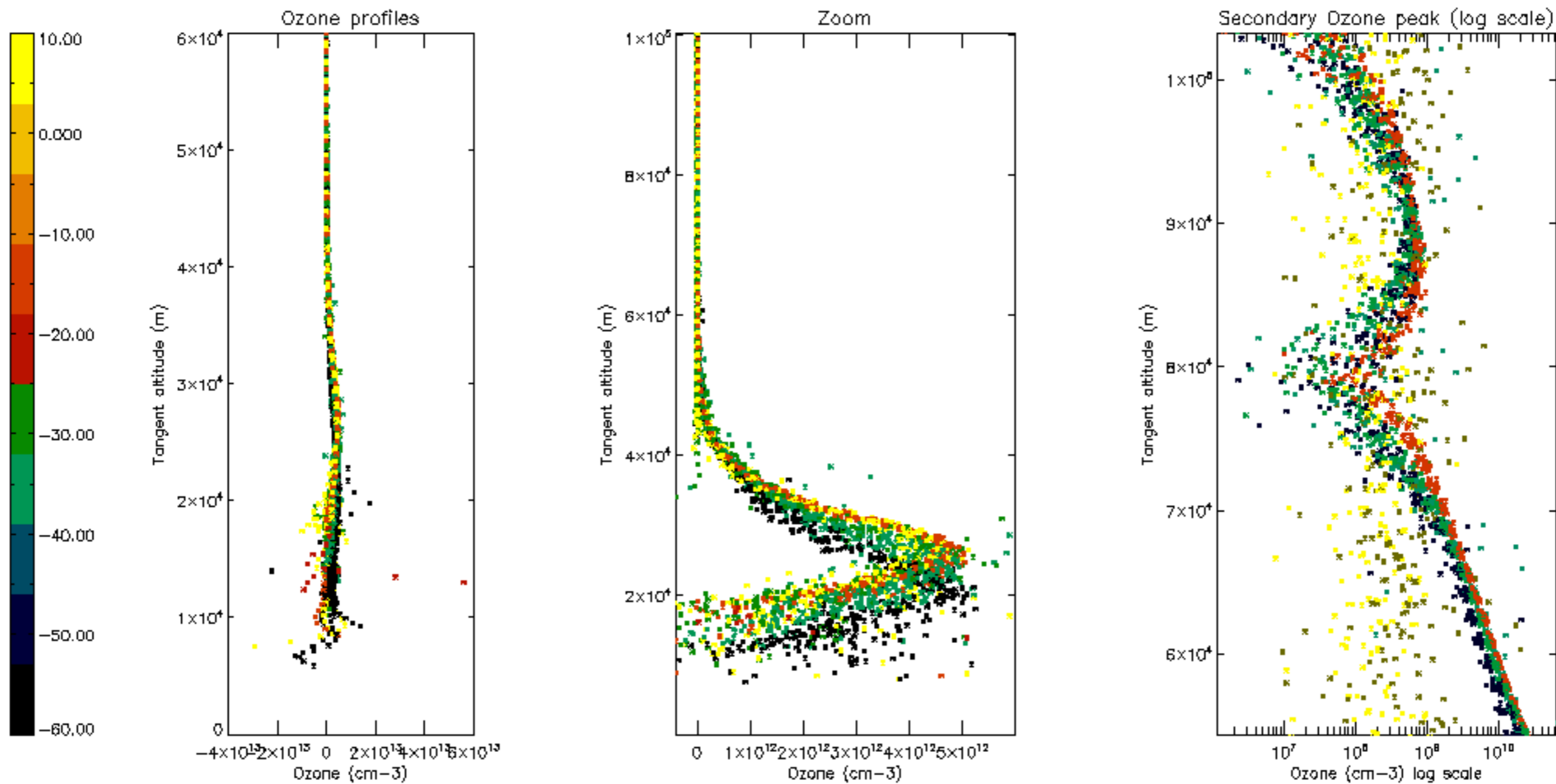


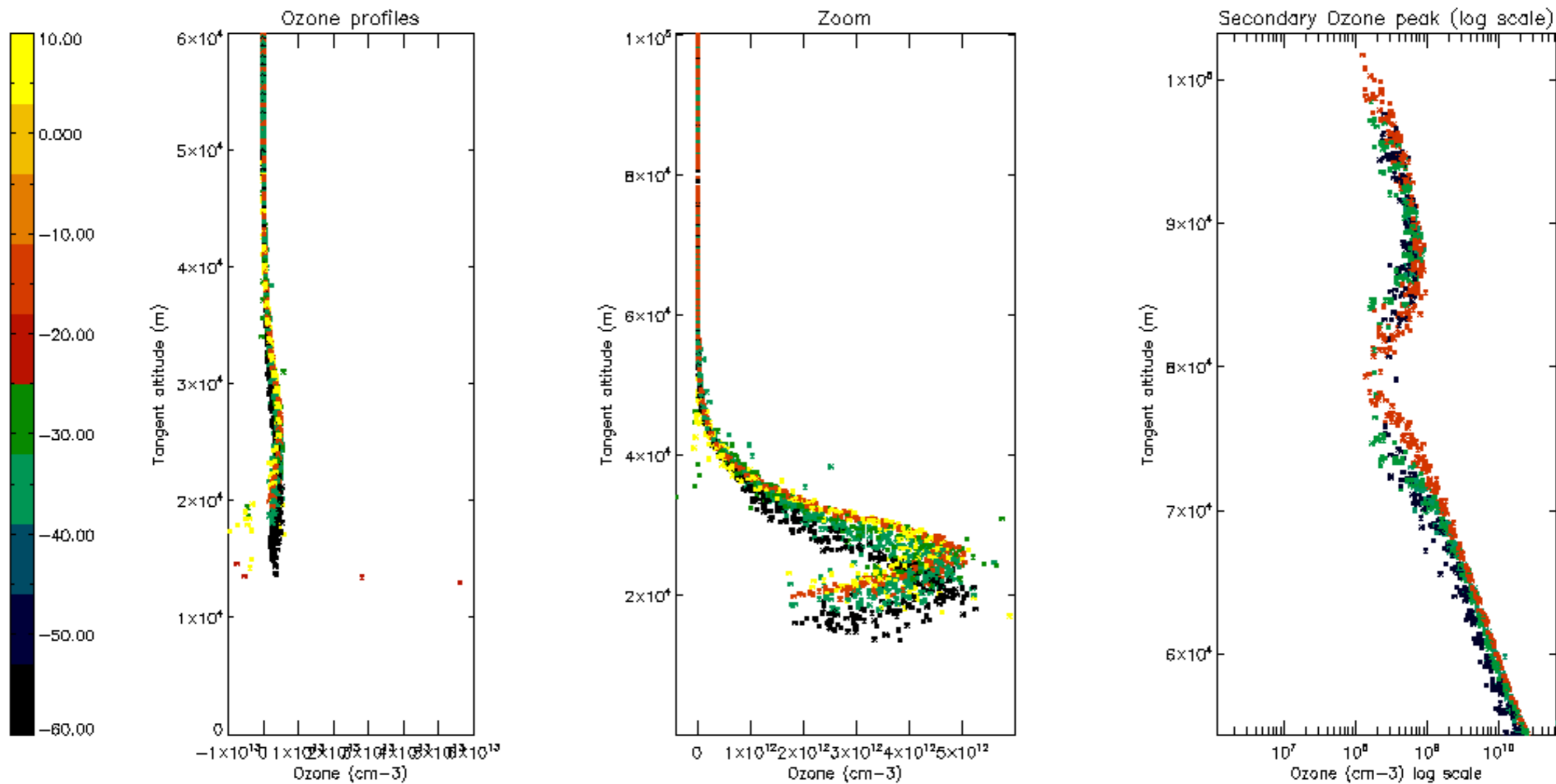
Percentage of star falling outside central band per profile

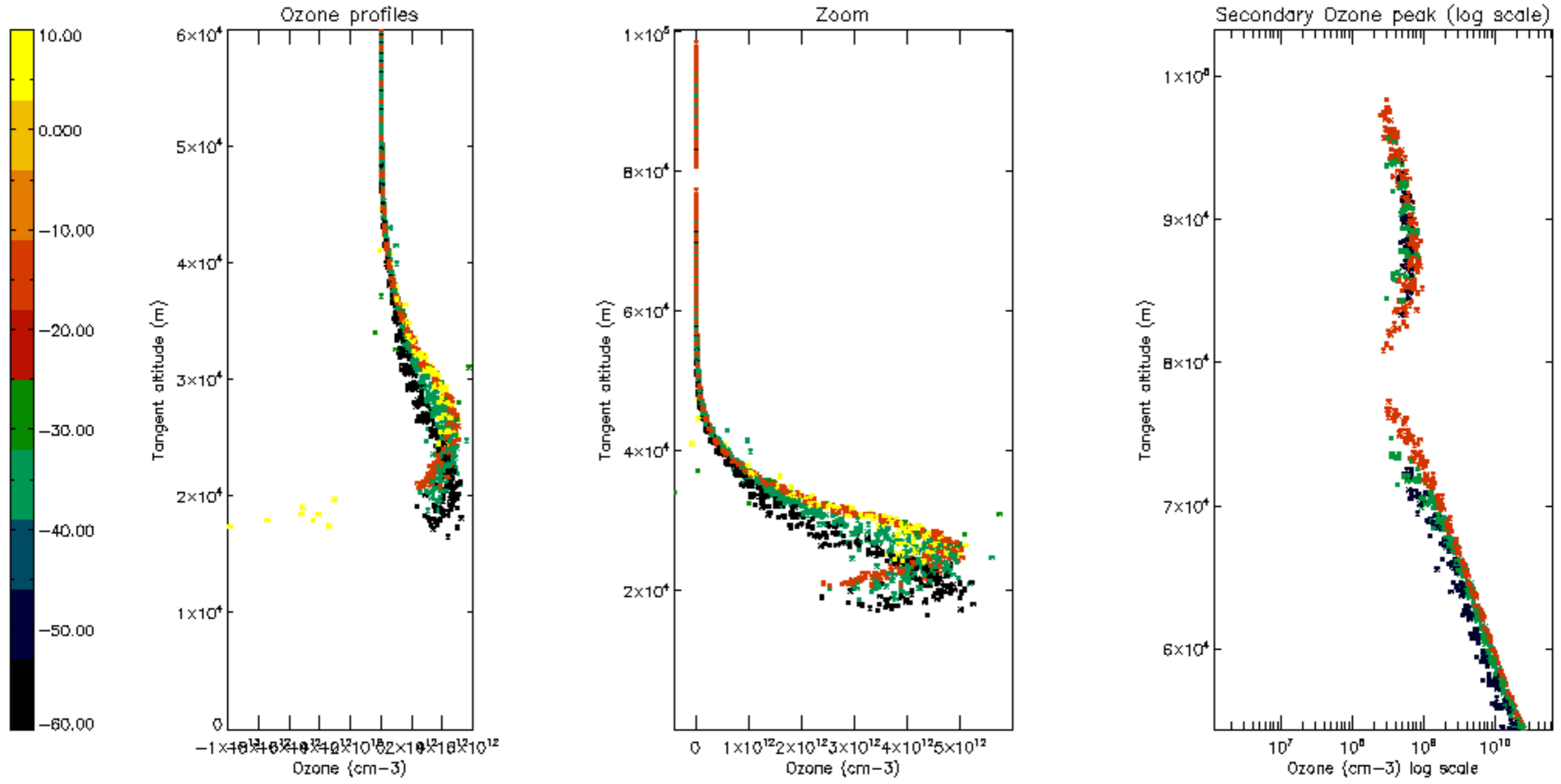


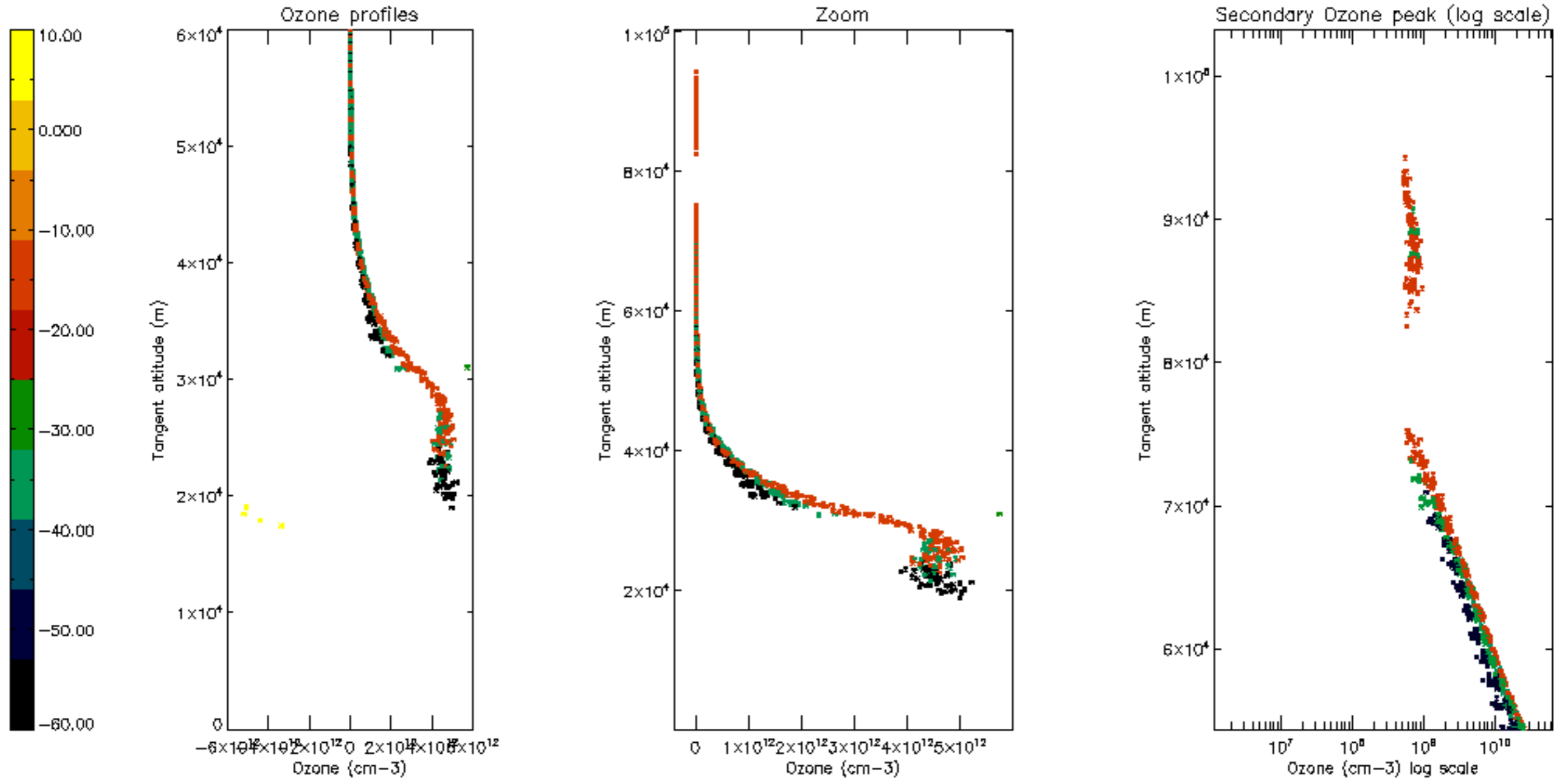
Percentage of saturation errors per profile

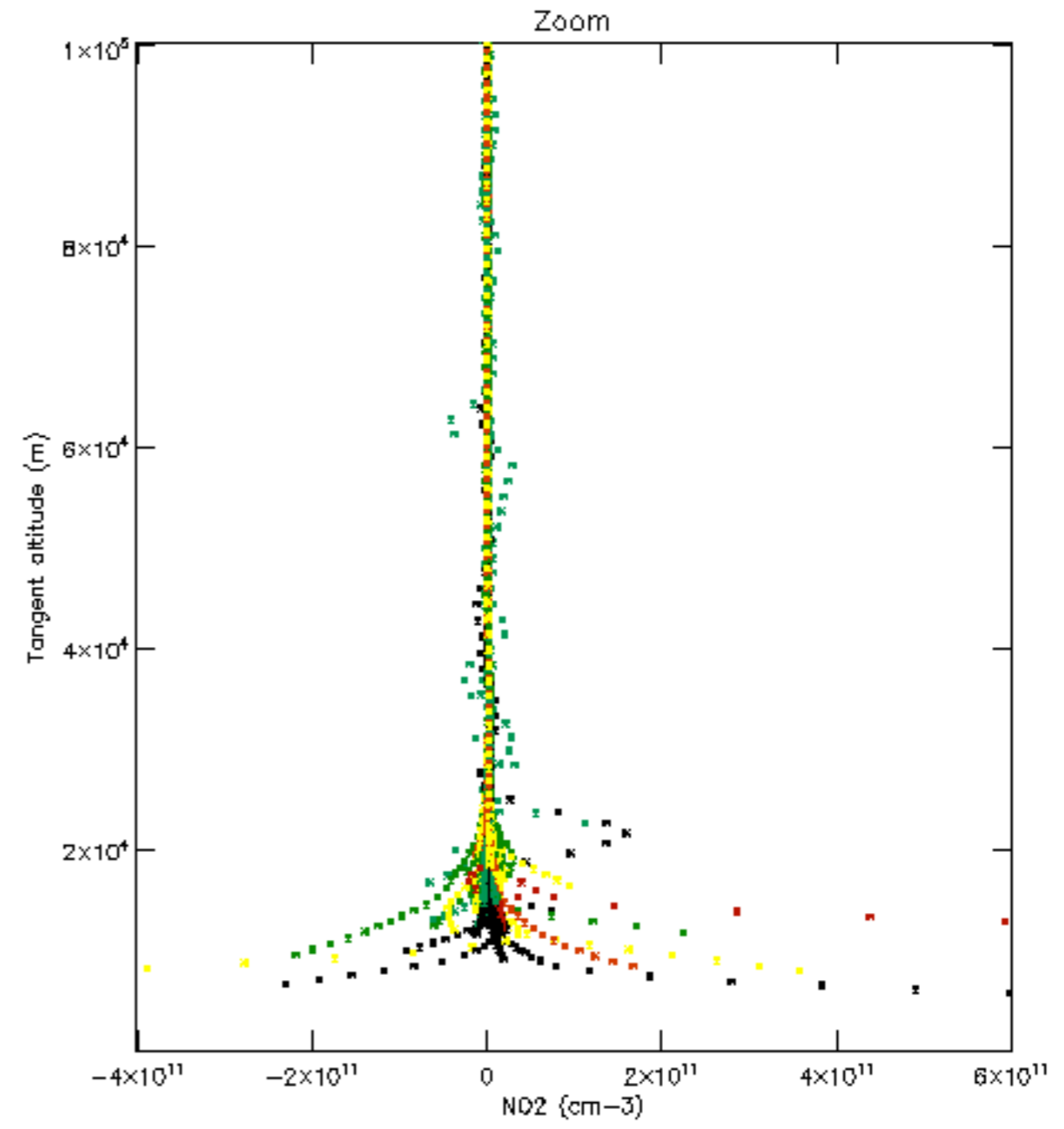
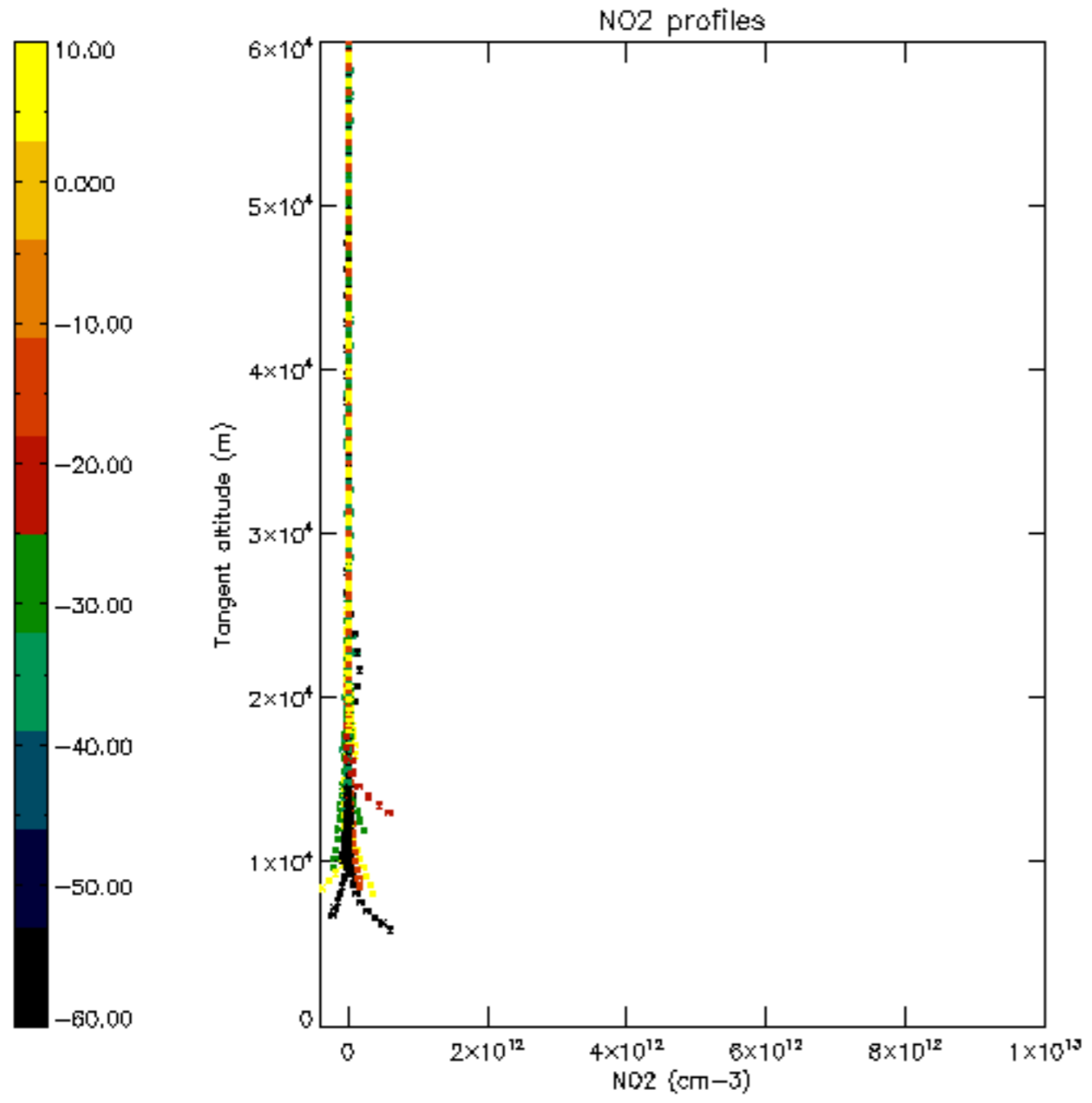


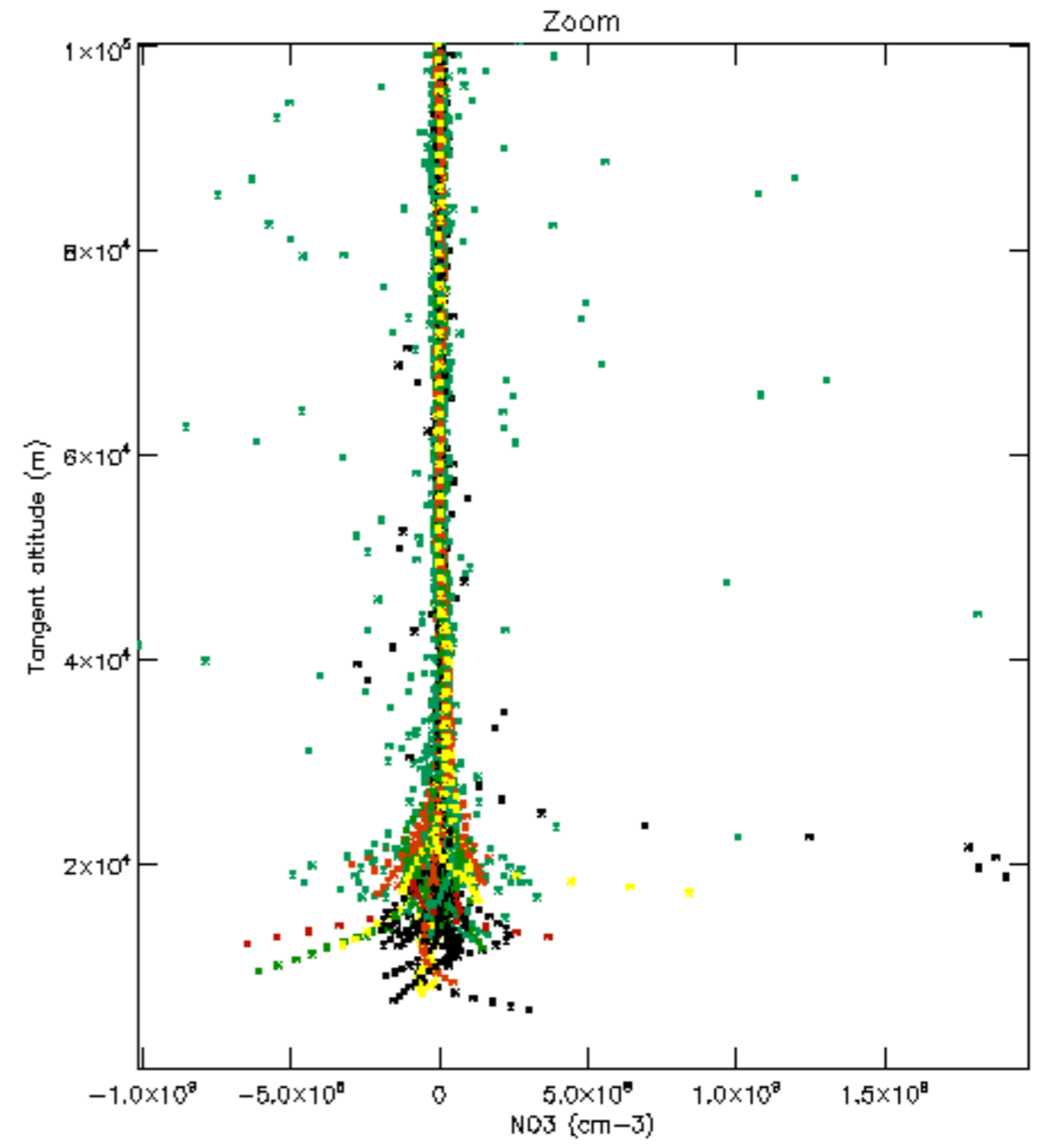
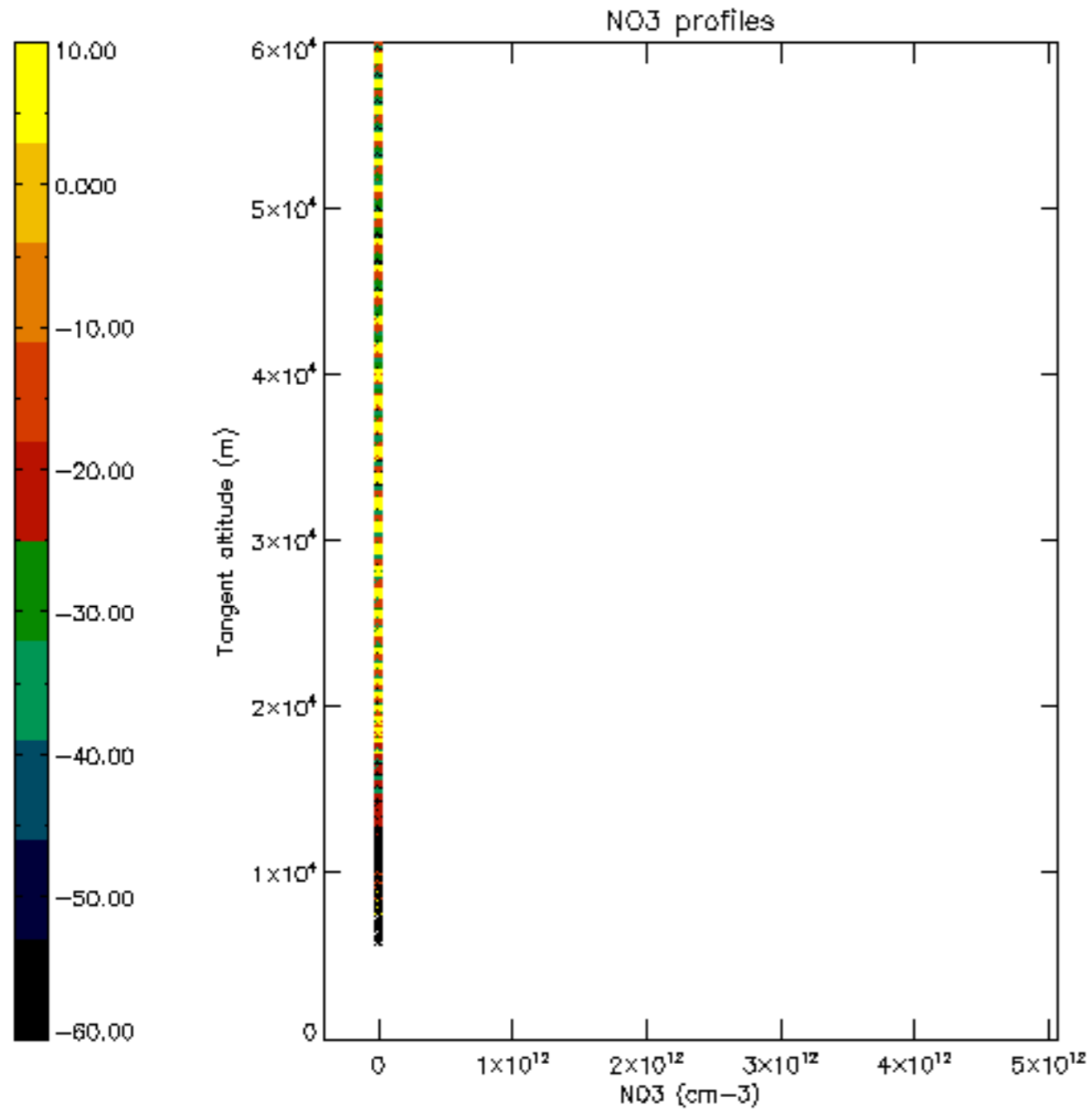


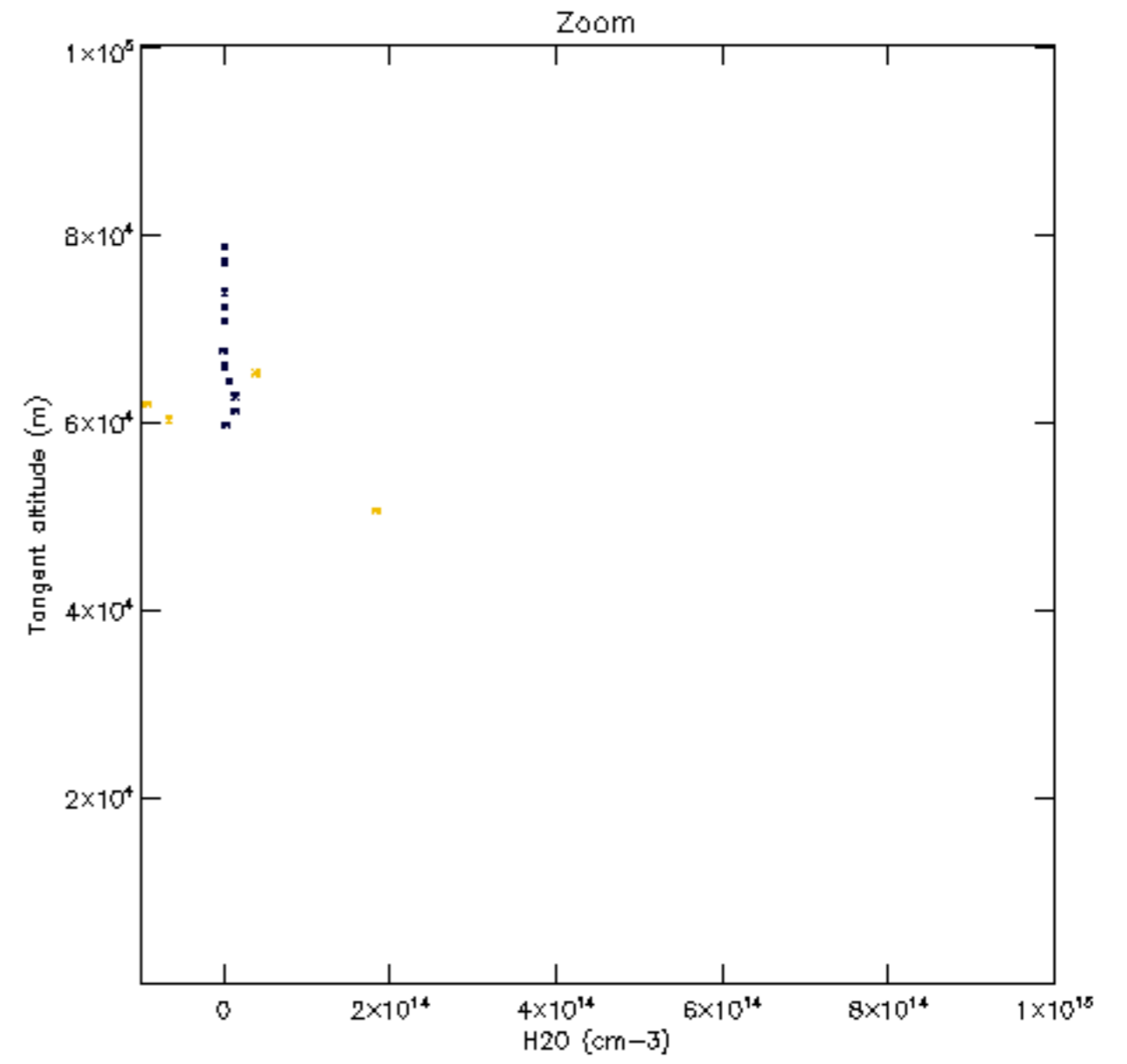
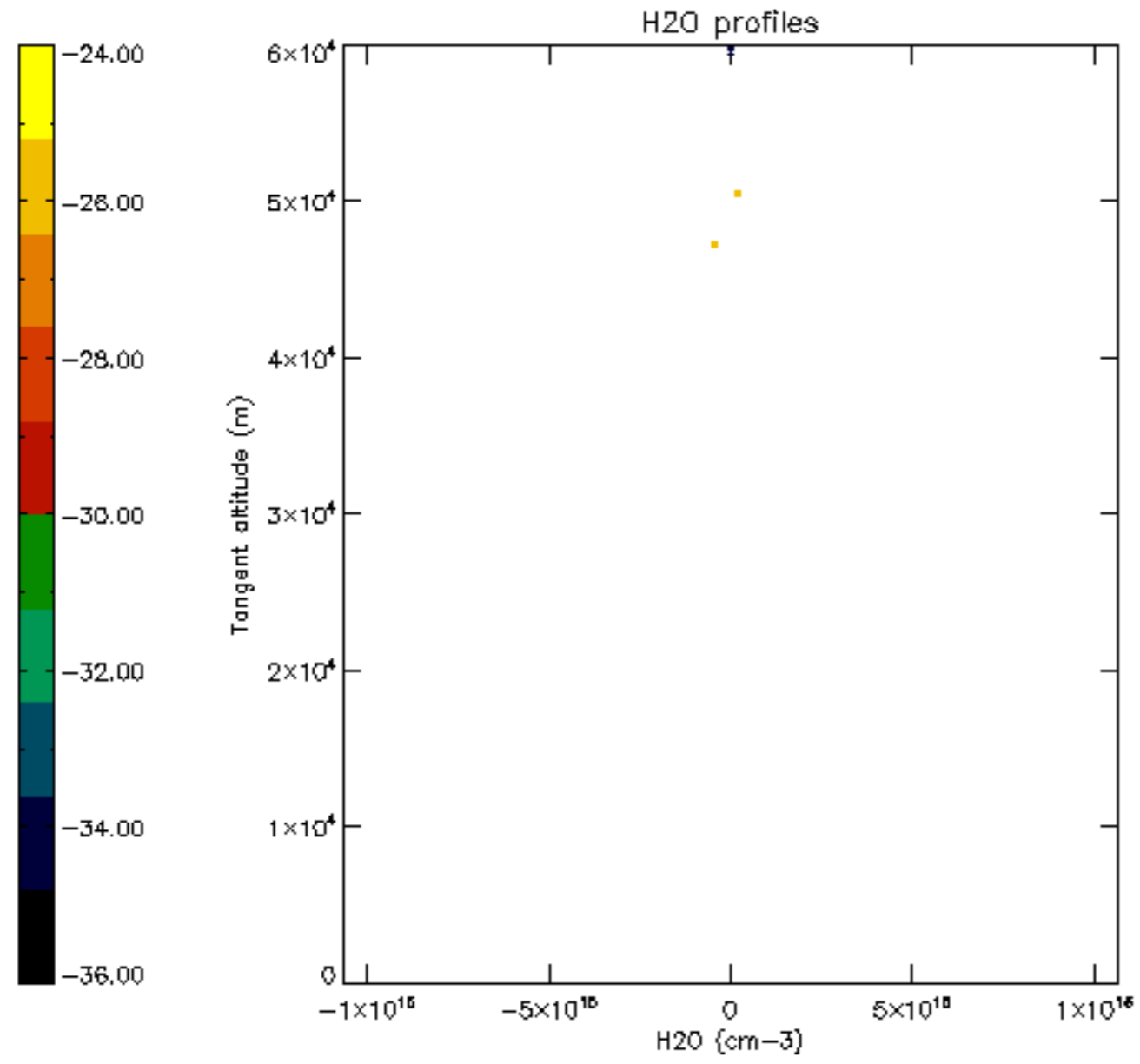


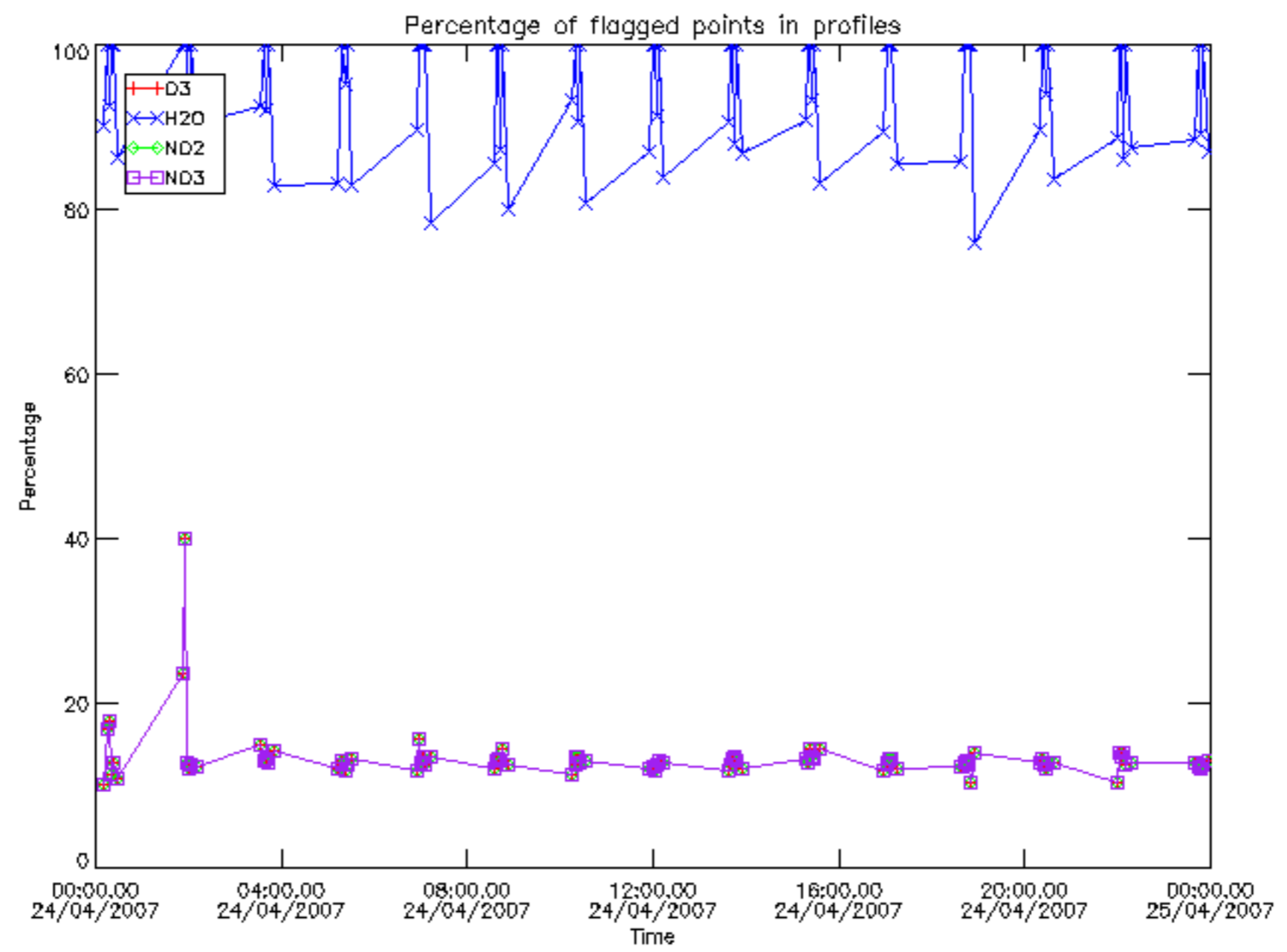




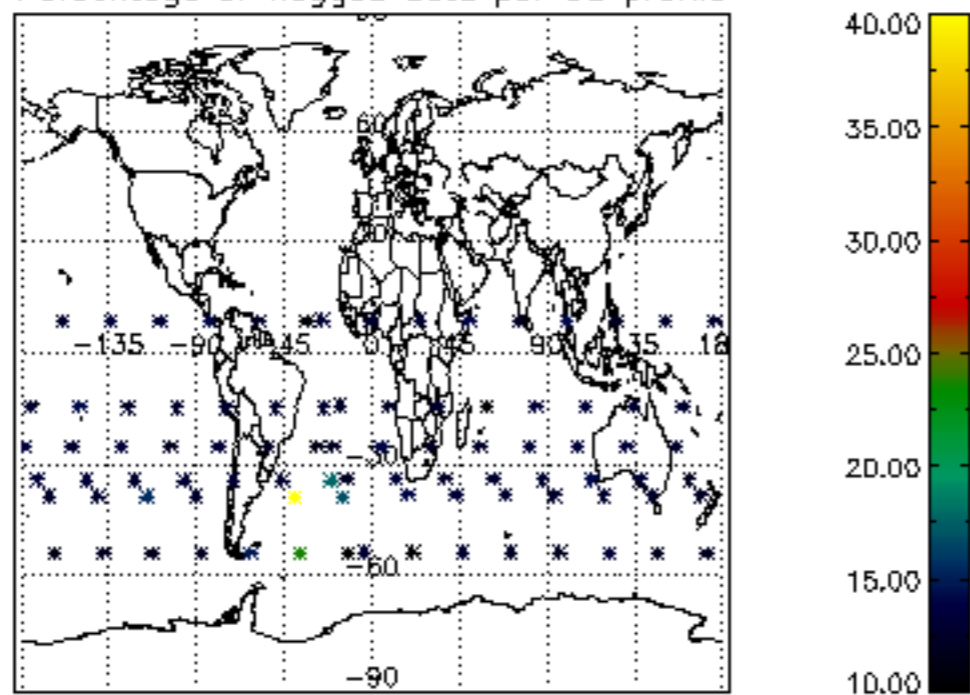




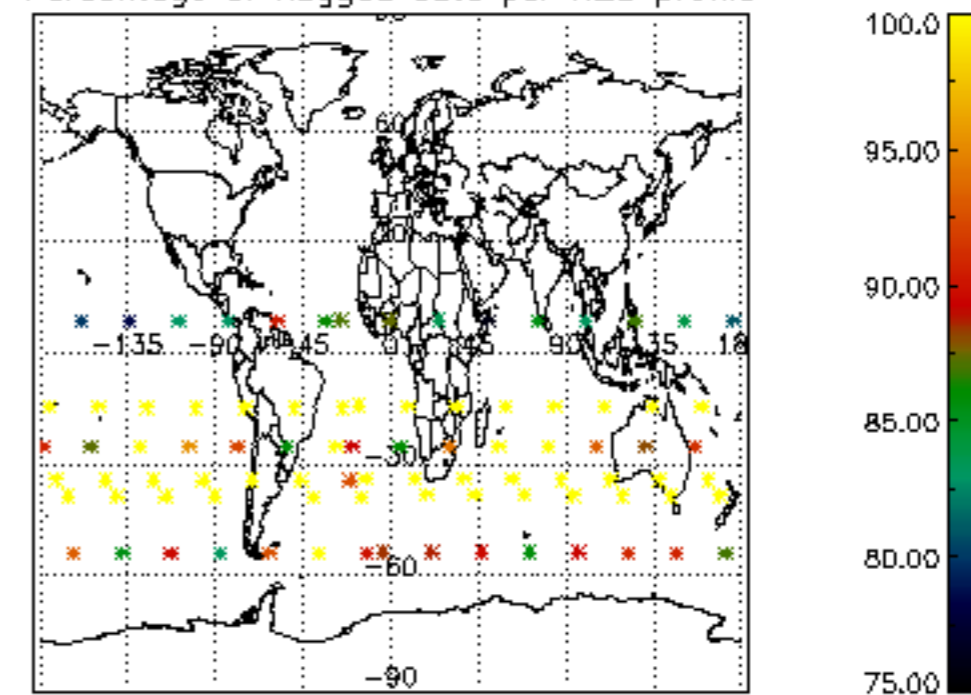




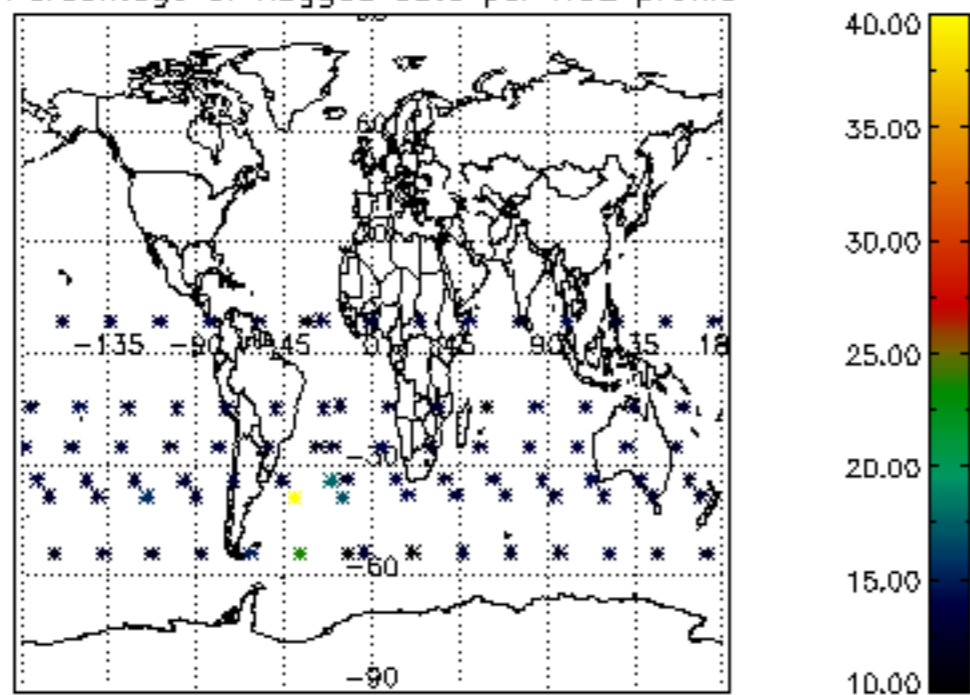
Percentage of flagged data per D3 profile



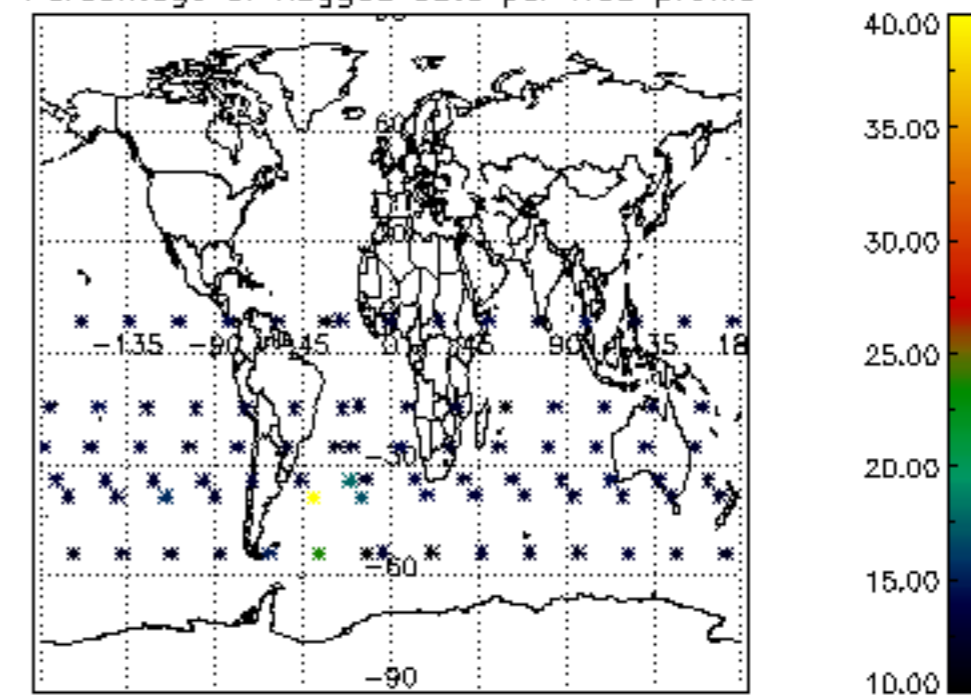
Percentage of flagged data per H2O profile

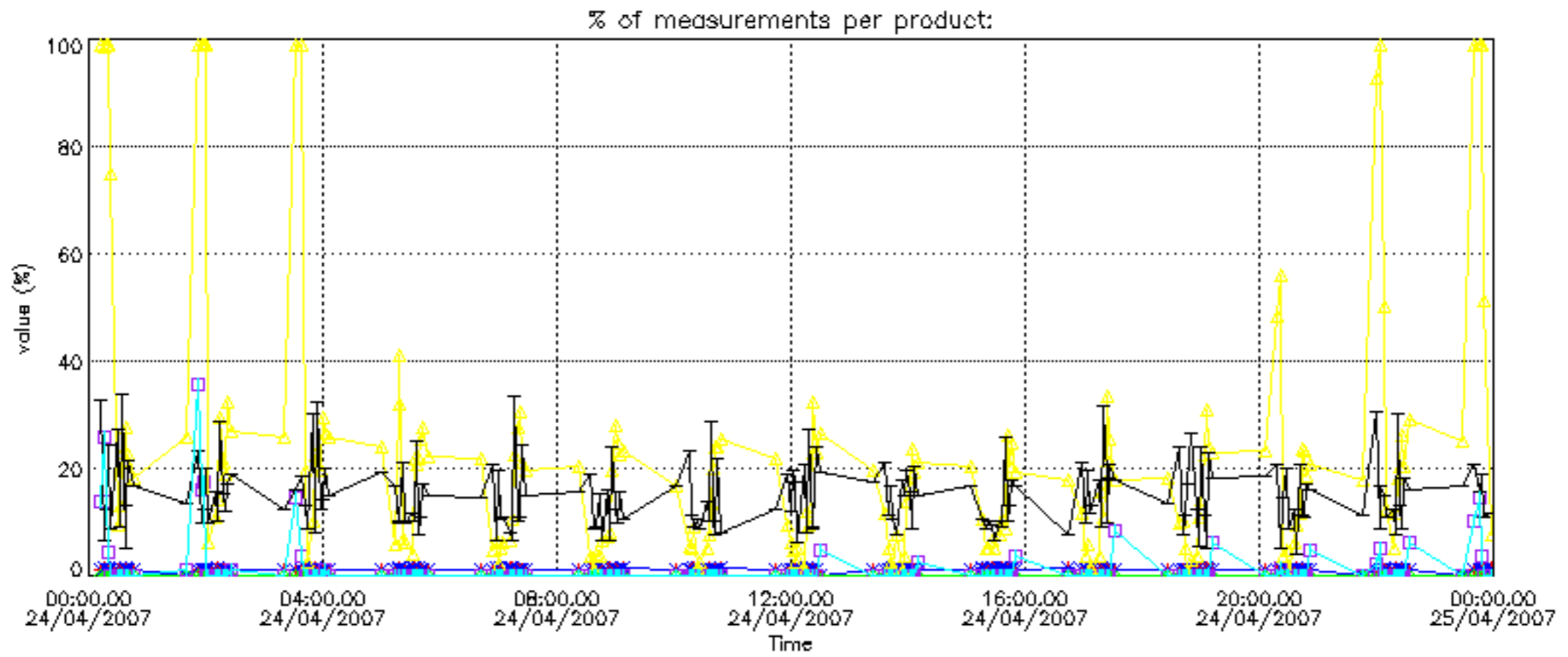


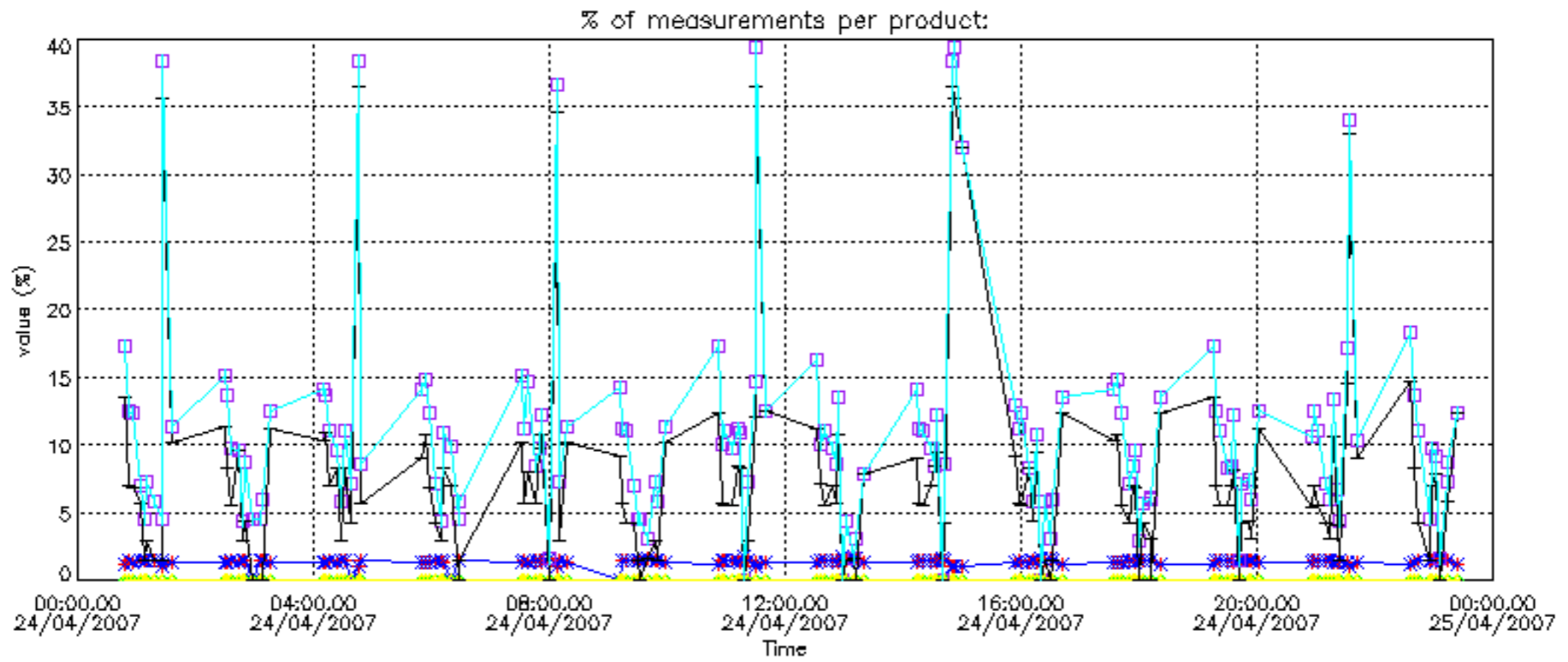
Percentage of flagged data per NO2 profile



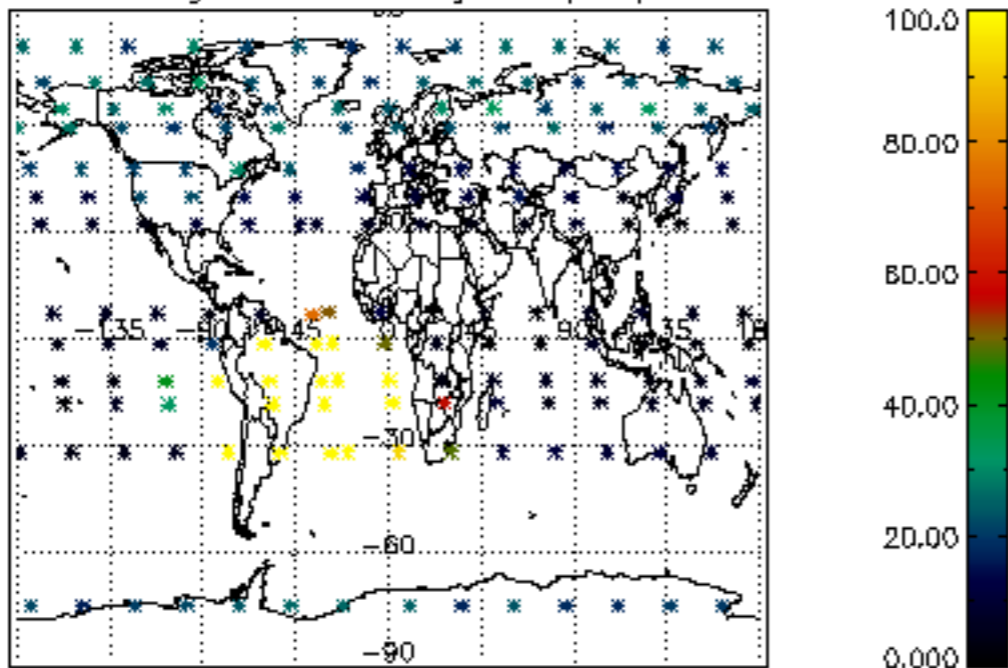
Percentage of flagged data per NO3 profile



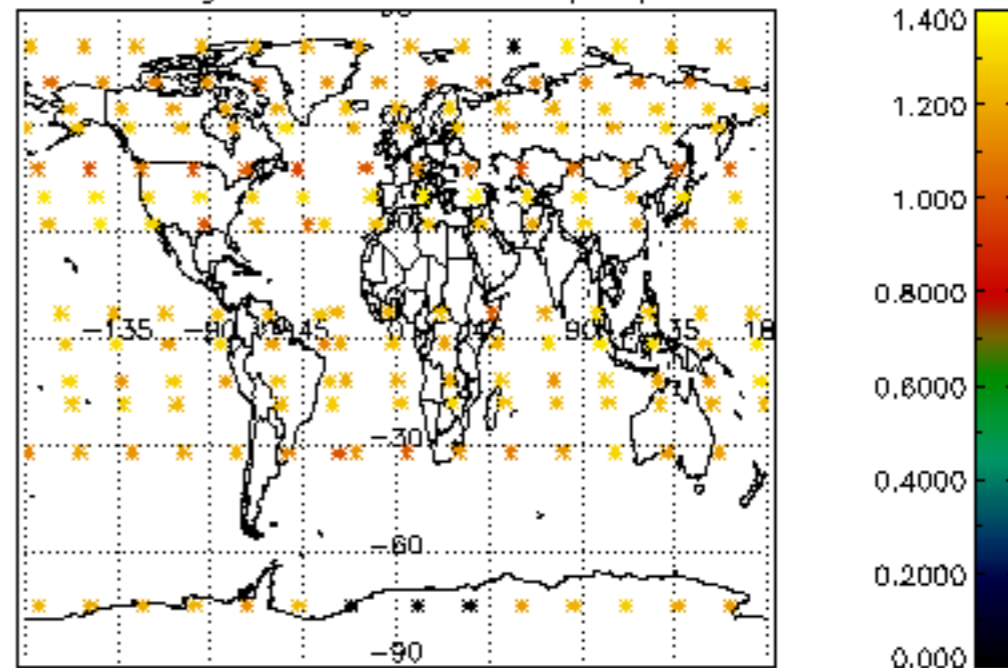




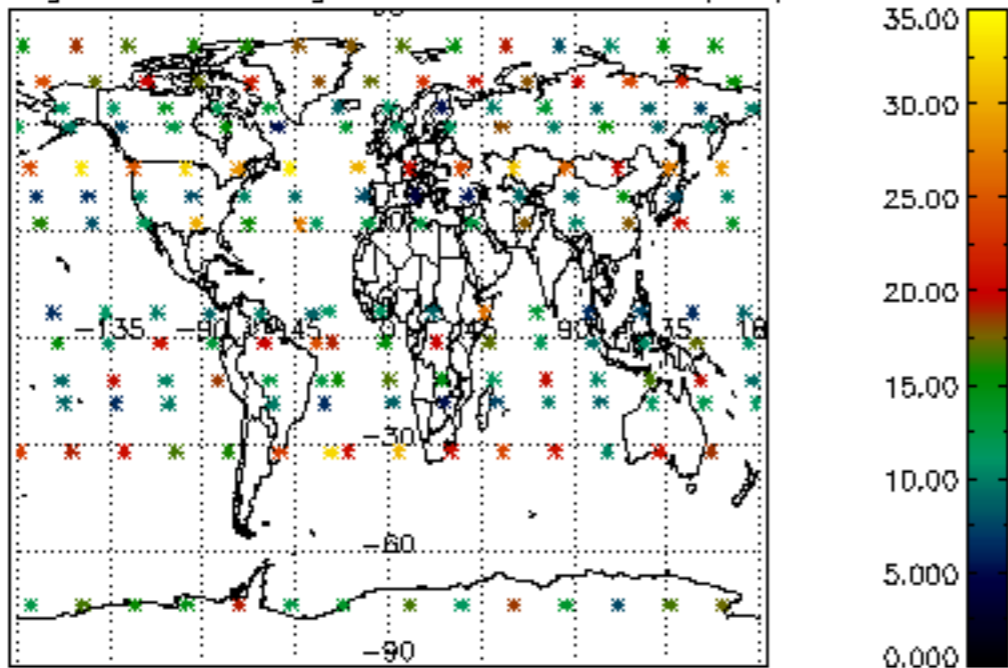
Percentage of cosmic ray hits per profile



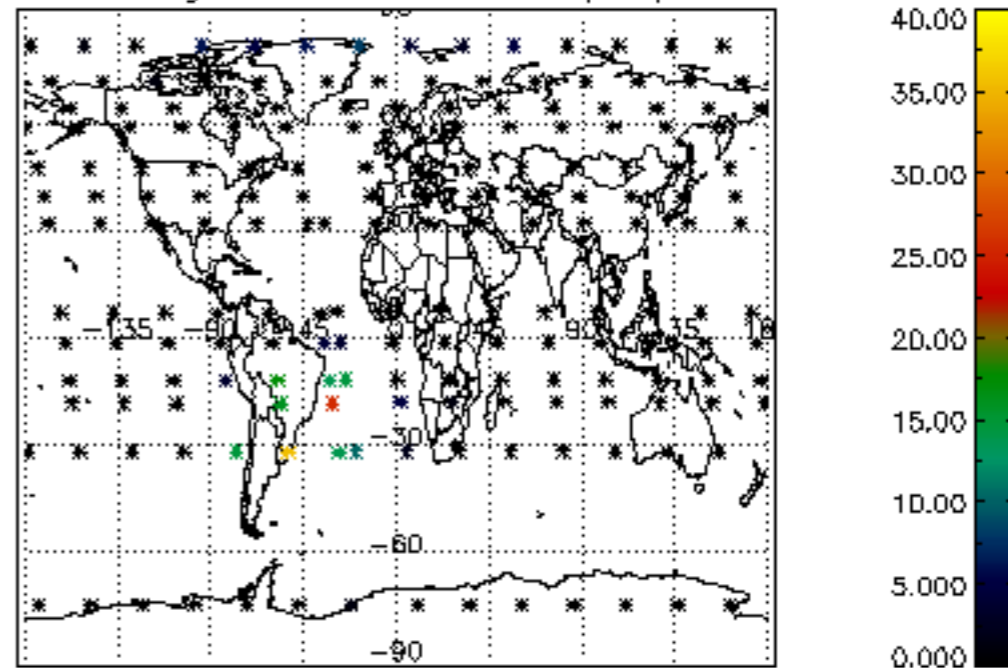
Percentage of datation errors per profile



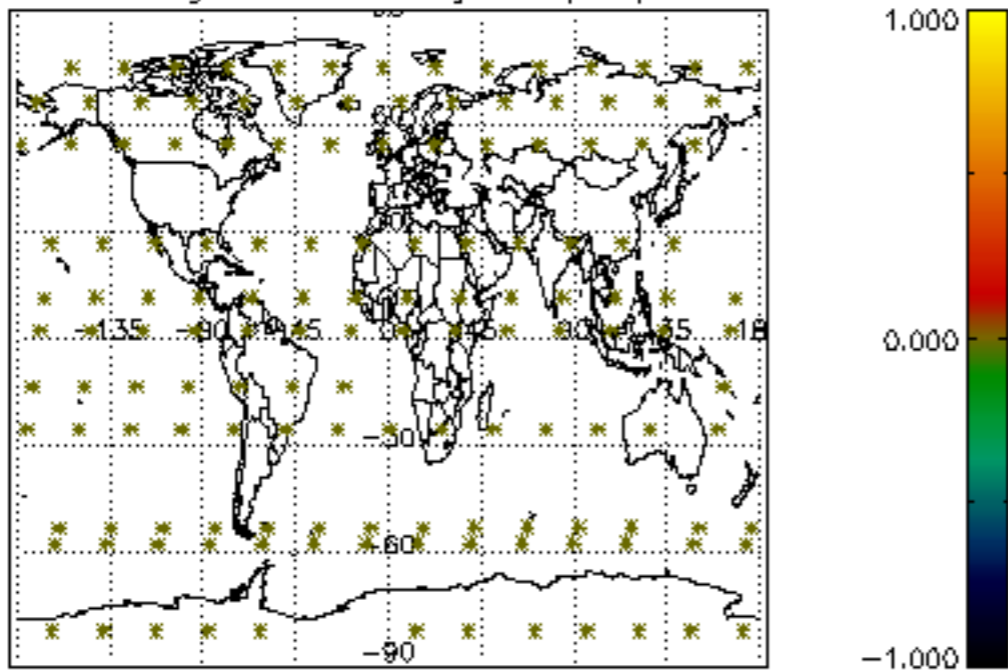
Percentage of star falling outside central band per profile



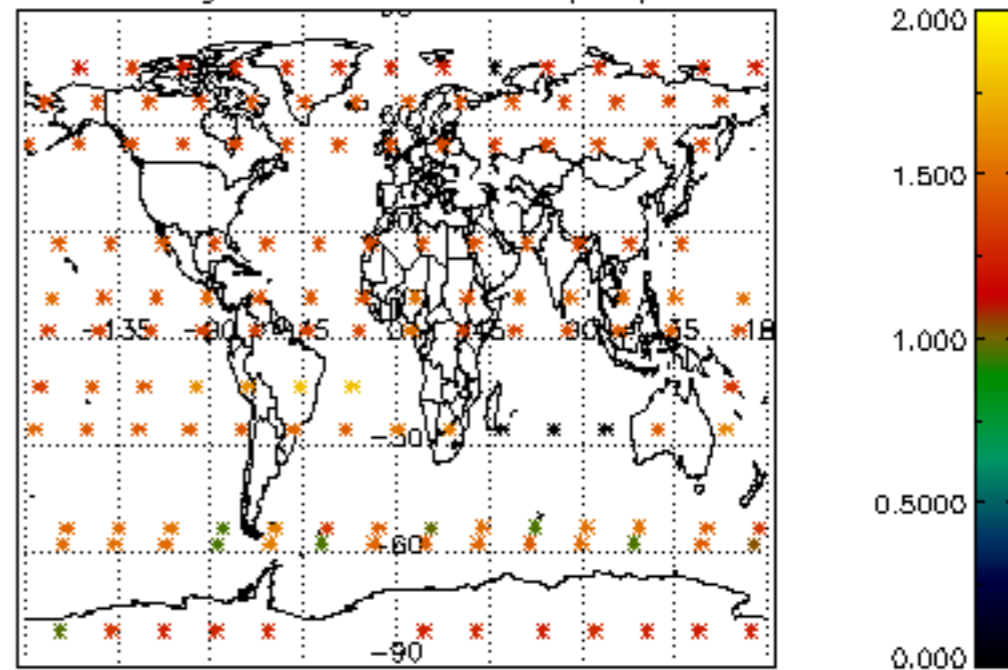
Percentage of saturation errors per profile



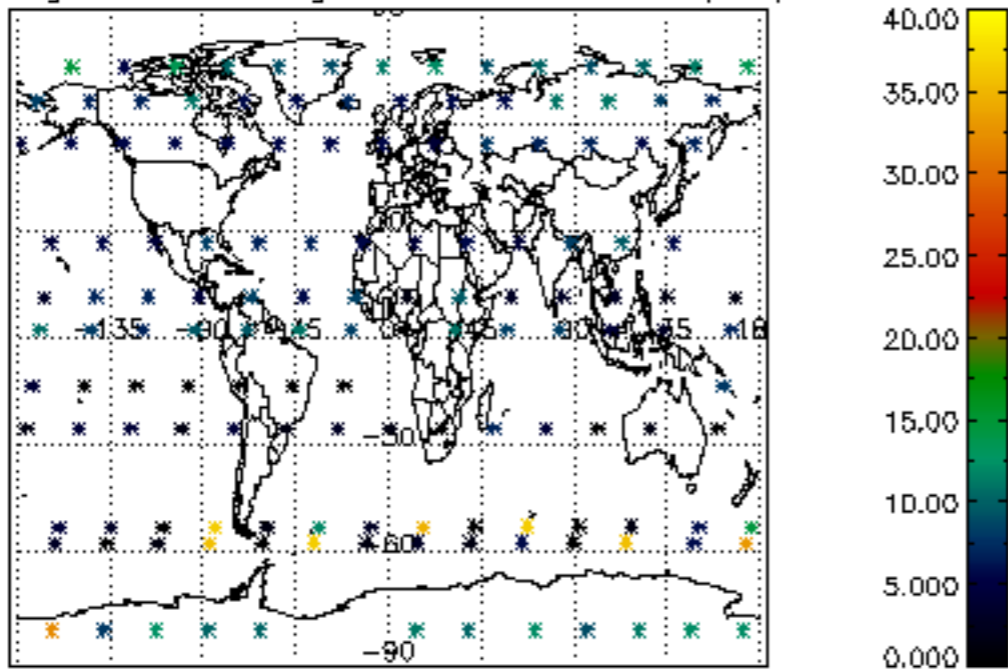
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

