

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	24APR2013 09:56:29
Data source version	GOMOS/6.01
Start time of products	03-02-2011 (03FEB2011 00:00:00)
Stop time of products	04-02-2011 (04FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	269
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__2PRFIN20110203_000047_000000483099_00117_46683_5244.N1	03-FEB-2011 00:00:47	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46683	No
2	GOM_NL__2PRFIN20110203_000504_000000443099_00117_46683_5245.N1	03-FEB-2011 00:05:04	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	46683	No
3	GOM_NL__2PRFIN20110203_001551_000000593099_00117_46683_5246.N1	03-FEB-2011 00:15:51	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46683	No
4	GOM_NL__2PRFIN20110203_002637_000000423099_00117_46683_5247.N1	03-FEB-2011 00:26:37	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46683	No
5	GOM_NL__2PRFIN20110203_004108_000000473099_00117_46683_5248.N1	03-FEB-2011 00:41:08	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46683	No
6	GOM_NL__2PRFIN20110203_004648_000000403099_00117_46683_5249.N1	03-FEB-2011 00:46:48	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46683	No
7	GOM_NL__2PRFIN20110203_005132_000000413099_00117_46683_5250.N1	03-FEB-2011 00:51:32	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46683	No
8	GOM_NL__2PRFIN20110203_005448_000000563099_00117_46683_5251.N1	03-FEB-2011 00:54:48	Bright	56.000	130	23Bet Dra	2.7990	5800.0	112	46683	No
9	GOM_NL__2PRFIN20110203_010131_000000643099_00117_46683_5252.N1	03-FEB-2011 01:01:31	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46683	No
10	GOM_NL__2PRFIN20110203_010514_000000693099_00117_46683_5253.N1	03-FEB-2011 01:05:14	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46683	No
11	GOM_NL__2PRFIN20110203_010855_000000553099_00117_46683_5254.N1	03-FEB-2011 01:08:55	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	46683	No
12	GOM_NL__2PRFIN20110203_011528_000000453099_00117_46683_5255.N1	03-FEB-2011 01:15:28	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	46683	No
13	GOM_NL__2PRFIN20110203_011952_000000543099_00117_46683_5256.N1	03-FEB-2011 01:19:52	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46683	No
14	GOM_NL__2PRFIN20110203_012122_000000463099_00117_46683_5257.N1	03-FEB-2011 01:21:22	Dark	45.500	158	6Pi Sco	2.9060	28000.	91	46683	No
15	GOM_NL__2PRFIN20110203_012542_000000453099_00117_46683_5258.N1	03-FEB-2011 01:25:42	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46683	No
16	GOM_NL__2PRFIN20110203_012758_000000453099_00118_46684_5250.N1	03-FEB-2011 01:27:58	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46684	No
17	GOM_NL__2PRFIN20110203_013043_000000463099_00118_46684_5251.N1	03-FEB-2011 01:30:43	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	46684	No
18	GOM_NL__2PRFIN20110203_013156_000000433099_00118_46684_5252.N1	03-FEB-2011 01:31:56	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46684	No
19	GOM_NL__2PRFIN20110203_013517_000000503099_00118_46684_5253.N1	03-FEB-2011 01:35:17	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	46684	No
20	GOM_NL__2PRFIN20110203_014101_000000493099_00118_46684_5254.N1	03-FEB-2011 01:41:01	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	46684	No
21	GOM_NL__2PRFIN20110203_014518_000000453099_00118_46684_5255.N1	03-FEB-2011 01:45:18	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	46684	No
22	GOM_NL__2PRFIN20110203_015605_000000583099_00118_46684_5256.N1	03-FEB-2011 01:56:05	Straylight	57.500	48	30Alp Hya	1.9770	4100.0	115	46684	No
23	GOM_NL__2PRFIN20110203_020651_000000423099_00118_46684_5257.N1	03-FEB-2011 02:06:51	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46684	No
24	GOM_NL__2PRFIN20110203_022121_000000443099_00118_46684_5258.N1	03-FEB-2011 02:21:21	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	46684	No
25	GOM_NL__2PRFIN20110203_022702_000000413099_00118_46684_5259.N1	03-FEB-2011 02:27:02	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46684	No
26	GOM_NL__2PRFIN20110203_023146_000000423099_00118_46684_5260.N1	03-FEB-2011 02:31:46	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46684	No
27	GOM_NL__2PRFIN20110203_023502_000000563099_00118_46684_5261.N1	03-FEB-2011 02:35:02	Bright	56.000	130	23Bet Dra	2.7990	5800.0	112	46684	No
28	GOM_NL__2PRFIN20110203_024145_000000443099_00118_46684_5262.N1	03-FEB-2011 02:41:45	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	46684	No
29	GOM_NL__2PRFIN20110203_024529_000000693099_00118_46684_5263.N1	03-FEB-2011 02:45:29	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46684	No
30	GOM_NL__2PRFIN20110203_024909_000000553099_00118_46684_5264.N1	03-FEB-2011 02:49:09	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46684	No
31	GOM_NL__2PRFIN20110203_025543_000000443099_00118_46684_5265.N1	03-FEB-2011 02:55:43	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	46684	No
32	GOM_NL__2PRFIN20110203_030007_000000543099_00118_46684_5266.N1	03-FEB-2011 03:00:07	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46684	No
33	GOM_NL__2PRFIN20110203_030557_000000453099_00118_46684_5267.N1	03-FEB-2011 03:05:57	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46684	No
34	GOM_NL__2PRFIN20110203_030813_000000463099_00119_46685_5291.N1	03-FEB-2011 03:08:13	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46685	No
35	GOM_NL__2PRFIN20110203_031058_000000433099_00119_46685_5292.N1	03-FEB-2011 03:10:58	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	46685	No
36	GOM_NL__2PRFIN20110203_031211_000000443099_00119_46685_5293.N1	03-FEB-2011 03:12:11	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46685	No
37	GOM_NL__2PRFIN20110203_031532_000000433099_00119_46685_5294.N1	03-FEB-2011 03:15:32	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46685	No
38	GOM_NL__2PRFIN20110203_032116_000000473099_00119_46685_5295.N1	03-FEB-2011 03:21:16	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46685	No
39	GOM_NL__2PRFIN20110203_032532_000000493099_00119_46685_5296.N1	03-FEB-2011 03:25:32	Straylight	48.500	65	Lam Vel	2.2040	4400.0	97	46685	No
40	GOM_NL__2PRFIN20110203_033619_000000573099_00119_46685_5297.N1	03-FEB-2011 03:36:19	Straylight	56.500	48	30Alp Hya	1.9770	4100.0	113	46685	No
41	GOM_NL__2PRFIN20110203_034705_000000423099_00119_46685_5298.N1	03-FEB-2011 03:47:05	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46685	No
42	GOM_NL__2PRFIN20110203_040134_000000473099_00119_46685_5299.N1	03-FEB-2011 04:01:34	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46685	No

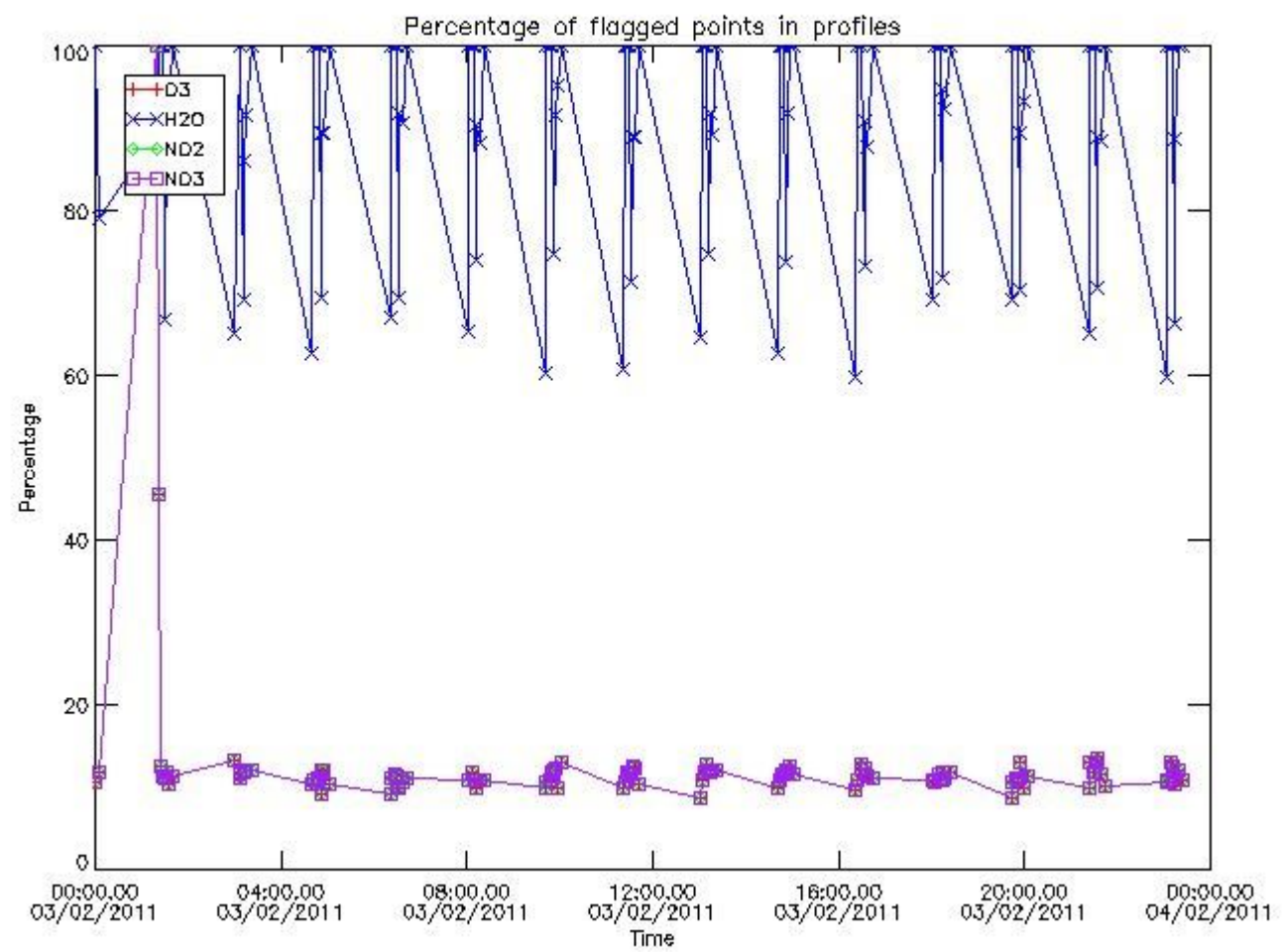
161	GOM_NL__2PRFIN20110203_142710_000000483099_00125_46691_5547.N1	03-FEB-2011 14:27:10	Bright	48.000	127	27Bet Her	2.7810	4700.0	96	46691	No
162	GOM_NL__2PRFIN20110203_143050_000000553099_00125_46691_5548.N1	03-FEB-2011 14:30:50	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46691	No
163	GOM_NL__2PRFIN20110203_143725_000000433099_00125_46691_5549.N1	03-FEB-2011 14:37:25	TwI_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	46691	No
164	GOM_NL__2PRFIN20110203_144151_000000623099_00125_46691_5550.N1	03-FEB-2011 14:41:51	Dark	62.000	16	21Alp Sco	1.0200	3000.0	124	46691	No
165	GOM_NL__2PRFIN20110203_144322_000000473099_00125_46691_5551.N1	03-FEB-2011 14:43:22	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46691	No
166	GOM_NL__2PRFIN20110203_144741_000000443099_00125_46691_5552.N1	03-FEB-2011 14:47:41	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46691	No
167	GOM_NL__2PRFIN20110203_144958_000000453099_00126_46692_5575.N1	03-FEB-2011 14:49:58	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46692	No
168	GOM_NL__2PRFIN20110203_145240_000000433099_00126_46692_5576.N1	03-FEB-2011 14:52:40	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	46692	No
169	GOM_NL__2PRFIN20110203_145353_000000443099_00126_46692_5577.N1	03-FEB-2011 14:53:53	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46692	No
170	GOM_NL__2PRFIN20110203_145714_000000413099_00126_46692_5578.N1	03-FEB-2011 14:57:14	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46692	No
171	GOM_NL__2PRFIN20110203_150258_000000453099_00126_46692_5579.N1	03-FEB-2011 15:02:58	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46692	No
172	GOM_NL__2PRFIN20110203_150713_000000513099_00126_46692_5580.N1	03-FEB-2011 15:07:13	Straylight	51.000	65	Lam Vel	2.2040	4400.0	102	46692	No
173	GOM_NL__2PRFIN20110203_151757_000000593099_00126_46692_5581.N1	03-FEB-2011 15:17:57	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46692	No
174	GOM_NL__2PRFIN20110203_152843_000000413099_00126_46692_5582.N1	03-FEB-2011 15:28:43	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46692	No
175	GOM_NL__2PRFIN20110203_154308_000000473099_00126_46692_5583.N1	03-FEB-2011 15:43:08	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46692	No
176	GOM_NL__2PRFIN20110203_154852_000000413099_00126_46692_5584.N1	03-FEB-2011 15:48:52	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46692	No
177	GOM_NL__2PRFIN20110203_155337_000000413099_00126_46692_5585.N1	03-FEB-2011 15:53:37	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46692	No
178	GOM_NL__2PRFIN20110203_155654_000000383099_00126_46692_5586.N1	03-FEB-2011 15:56:54	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46692	No
179	GOM_NL__2PRFIN20110203_160339_000000453099_00126_46692_5587.N1	03-FEB-2011 16:03:39	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	46692	No
180	GOM_NL__2PRFIN20110203_160724_000000703099_00126_46692_5588.N1	03-FEB-2011 16:07:24	Bright	70.000	127	27Bet Her	2.7810	4700.0	140	46692	No
181	GOM_NL__2PRFIN20110203_161104_000000563099_00126_46692_5589.N1	03-FEB-2011 16:11:04	Bright	56.000	126	60Bet Oph	2.7700	4250.0	112	46692	No
182	GOM_NL__2PRFIN20110203_161740_000000473099_00126_46692_5590.N1	03-FEB-2011 16:17:40	TwI_and_stray	47.000	86	35Eta Oph	2.4300	10200.	94	46692	No
183	GOM_NL__2PRFIN20110203_162205_000000533099_00126_46692_5591.N1	03-FEB-2011 16:22:05	Dark	52.500	16	21Alp Sco	1.0200	3000.0	105	46692	No
184	GOM_NL__2PRFIN20110203_162337_000000483099_00126_46692_5592.N1	03-FEB-2011 16:23:37	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46692	No
185	GOM_NL__2PRFIN20110203_162756_000000443099_00126_46692_5593.N1	03-FEB-2011 16:27:56	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46692	No
186	GOM_NL__2PRFIN20110203_163013_000000463099_00127_46693_5613.N1	03-FEB-2011 16:30:13	Dark	46.000	109	Bet Lup	2.6770	26000.	92	46693	No
187	GOM_NL__2PRFIN20110203_163254_000000423099_00127_46693_5614.N1	03-FEB-2011 16:32:54	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	46693	No
188	GOM_NL__2PRFIN20110203_163408_000000443099_00127_46693_5615.N1	03-FEB-2011 16:34:08	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46693	No
189	GOM_NL__2PRFIN20110203_163728_000000453099_00127_46693_5616.N1	03-FEB-2011 16:37:28	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	46693	No
190	GOM_NL__2PRFIN20110203_164313_000000463099_00127_46693_5617.N1	03-FEB-2011 16:43:13	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46693	No
191	GOM_NL__2PRFIN20110203_164727_000000453099_00127_46693_5618.N1	03-FEB-2011 16:47:27	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	46693	No
192	GOM_NL__2PRFIN20110203_165811_000000603099_00127_46693_5619.N1	03-FEB-2011 16:58:11	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46693	No
193	GOM_NL__2PRFIN20110203_170857_000000403099_00127_46693_5620.N1	03-FEB-2011 17:08:57	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	46693	No
194	GOM_NL__2PRFIN20110203_172321_000000473099_00127_46693_5621.N1	03-FEB-2011 17:23:21	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46693	No
195	GOM_NL__2PRFIN20110203_172906_000000413099_00127_46693_5622.N1	03-FEB-2011 17:29:06	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46693	No
196	GOM_NL__2PRFIN20110203_173351_000000423099_00127_46693_5623.N1	03-FEB-2011 17:33:51	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46693	No
197	GOM_NL__2PRFIN20110203_173708_000000413099_00127_46693_5624.N1	03-FEB-2011 17:37:08	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	46693	No
198	GOM_NL__2PRFIN20110203_174353_000000453099_00127_46693_5625.N1	03-FEB-2011 17:43:53	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	46693	No
199	GOM_NL__2PRFIN20110203_174738_000000473099_00127_46693_5626.N1	03-FEB-2011 17:47:38	Bright	47.000	127	27Bet Her	2.7810	4700.0	94	46693	No
200	GOM_NL__2PRFIN20110203_175118_000000563099_00127_46693_5627.N1	03-FEB-2011 17:51:18	Bright	56.000	126	60Bet Oph	2.7700	4250.0	112	46693	No
201	GOM_NL__2PRFIN20110203_175754_000000463099_00127_46693_5628.N1	03-FEB-2011 17:57:54	TwI_and_stray	45.500	86	35Eta Oph	2.4300	10200.	91	46693	No
202	GOM_NL__2PRFIN20110203_180220_000000613099_00127_46693_5629.N1	03-FEB-2011 18:02:20	Dark	60.500	16	21Alp Sco	1.0200	3000.0	121	46693	No
203	GOM_NL__2PRFIN20110203_180352_000000483099_00127_46693_5630.N1	03-FEB-2011 18:03:52	Dark	48.000	158	6Pi Sco	2.9060	28000.	96	46693	No
204	GOM_NL__2PRFIN20110203_180811_000000453099_00127_46693_5631.N1	03-FEB-2011 18:08:11	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46693	No
205	GOM_NL__2PRFIN20110203_181028_000000473099_00128_46694_5657.N1	03-FEB-2011 18:10:28	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46694	No
206	GOM_NL__2PRFIN20110203_181309_000000433099_00128_46694_5658.N1	03-FEB-2011 18:13:09	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46694	No
207	GOM_NL__2PRFIN20110203_181422_000000483099_00128_46694_5659.N1	03-FEB-2011 18:14:22	Dark	47.500	10	Bet Cen	0.61000	28000.	95	46694	No
208	GOM_NL__2PRFIN20110203_181743_000000463099_00128_46694_5660.N1	03-FEB-2011 18:17:43	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	46694	No
209	GOM_NL__2PRFIN20110203_182328_000000443099_00128_46694_5661.N1	03-FEB-2011 18:23:28	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	46694	No
210	GOM_NL__2PRFIN20110203_182742_000000493099_00128_46694_5662.N1	03-FEB-2011 18:27:42	Straylight	48.500	65	Lam Vel	2.2040	4400.0	97	46694	No
211	GOM_NL__2PRFIN20110203_183824_000000593099_00128_46694_5663.N1	03-FEB-2011 18:38:24	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	46694	No
212	GOM_NL__2PRFIN20110203_184911_000000413099_00128_46694_5664.N1	03-FEB-2011 18:49:11	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46694	No
213	GOM_NL__2PRFIN20110203_190334_000000483099_00128_46694_5665.N1	03-FEB-2011 19:03:34	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46694	No
214	GOM_NL__2PRFIN20110203_190920_000000393099_00128_46694_5666.N1	03-FEB-2011 19:09:20	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46694	No
215	GOM_NL__2PRFIN20110203_191404_000000423099_00128_46694_5667.N1	03-FEB-2011 19:14:04	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46694	No
216	GOM_NL__2PRFIN20110203_191722_000000403099_00128_46694_5668.N1	03-FEB-2011 19:17:22	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	46694	No
217	GOM_NL__2PRFIN20110203_192407_000000453099_00128_46694_5669.N1	03-FEB-2011 19:24:07	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	46694	No
218	GOM_NL__2PRFIN20110203_192753_000000583099_00128_46694_5670.N1	03-FEB-2011 19:27:53	Bright	57.500	127	27Bet Her	2.7810	4700.0	115	46694	No
219	GOM_NL__2PRFIN20110203_193133_000000433099_00128_46694_5671.N1	03-FEB-2011 19:31:33	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	46694	No

220	GOM_NL__2PRFIN20110203_193809_000000433099_00128_46694_5672.N1	03-FEB-2011 19:38:09	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	46694	No
221	GOM_NL__2PRFIN20110203_194235_000000593099_00128_46694_5673.N1	03-FEB-2011 19:42:35	Dark	59.000	16	21Alp Sco	1.0200	3000.0	118	46694	No
222	GOM_NL__2PRFIN20110203_194407_000000493099_00128_46694_5674.N1	03-FEB-2011 19:44:07	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46694	No
223	GOM_NL__2PRFIN20110203_194825_000000463099_00128_46694_5675.N1	03-FEB-2011 19:48:25	Dark	45.500	131	Gam Lup	2.8000	26000.	91	46694	No
224	GOM_NL__2PRFIN20110203_195043_000000483099_00129_46695_5753.N1	03-FEB-2011 19:50:43	Dark	47.500	109	Bet Lup	2.6770	26000.	95	46695	No
225	GOM_NL__2PRFIN20110203_195324_000000463099_00129_46695_5754.N1	03-FEB-2011 19:53:24	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	46695	No
226	GOM_NL__2PRFIN20110203_195437_000000433099_00129_46695_5755.N1	03-FEB-2011 19:54:37	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46695	No
227	GOM_NL__2PRFIN20110203_195757_000000523099_00129_46695_5756.N1	03-FEB-2011 19:57:57	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	46695	No
228	GOM_NL__2PRFIN20110203_200342_000000453099_00129_46695_5757.N1	03-FEB-2011 20:03:42	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46695	No
229	GOM_NL__2PRFIN20110203_200756_000000533099_00129_46695_5758.N1	03-FEB-2011 20:07:56	Straylight	53.000	65	Lam Vel	2.2040	4400.0	106	46695	No
230	GOM_NL__2PRFIN20110203_201838_000000613099_00129_46695_5759.N1	03-FEB-2011 20:18:38	Straylight	60.500	48	30Alp Hya	1.9770	4100.0	121	46695	No
231	GOM_NL__2PRFIN20110203_202925_000000413099_00129_46695_5760.N1	03-FEB-2011 20:29:25	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46695	No
232	GOM_NL__2PRFIN20110203_204348_000000473099_00129_46695_5761.N1	03-FEB-2011 20:43:48	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46695	No
233	GOM_NL__2PRFIN20110203_204933_000000413099_00129_46695_5762.N1	03-FEB-2011 20:49:33	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46695	No
234	GOM_NL__2PRFIN20110203_205418_000000423099_00129_46695_5763.N1	03-FEB-2011 20:54:18	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46695	No
235	GOM_NL__2PRFIN20110203_205736_000000363099_00129_46695_5764.N1	03-FEB-2011 20:57:36	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	46695	No
236	GOM_NL__2PRFIN20110203_210421_000000653099_00129_46695_5765.N1	03-FEB-2011 21:04:21	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	46695	No
237	GOM_NL__2PRFIN20110203_210807_000000703099_00129_46695_5766.N1	03-FEB-2011 21:08:07	Bright	70.000	127	27Bet Her	2.7810	4700.0	140	46695	No
238	GOM_NL__2PRFIN20110203_211147_000000563099_00129_46695_5767.N1	03-FEB-2011 21:11:47	Bright	55.500	126	60Bet Oph	2.7700	4250.0	111	46695	No
239	GOM_NL__2PRFIN20110203_211823_000000473099_00129_46695_5768.N1	03-FEB-2011 21:18:23	Twilight	46.500	86	35Eta Oph	2.4300	10200.	93	46695	No
240	GOM_NL__2PRFIN20110203_212250_000000623099_00129_46695_5769.N1	03-FEB-2011 21:22:50	Dark	62.000	16	21Alp Sco	1.0200	3000.0	124	46695	No
241	GOM_NL__2PRFIN20110203_212422_000000473099_00129_46695_5770.N1	03-FEB-2011 21:24:22	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46695	No
242	GOM_NL__2PRFIN20110203_212840_000000443099_00129_46695_5771.N1	03-FEB-2011 21:28:40	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46695	No
243	GOM_NL__2PRFIN20110203_213058_000000453099_00130_46696_5763.N1	03-FEB-2011 21:30:58	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46696	No
244	GOM_NL__2PRFIN20110203_213338_000000433099_00130_46696_5764.N1	03-FEB-2011 21:33:38	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46696	No
245	GOM_NL__2PRFIN20110203_213452_000000423099_00130_46696_5765.N1	03-FEB-2011 21:34:52	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46696	No
246	GOM_NL__2PRFIN20110203_213812_000000443099_00130_46696_5766.N1	03-FEB-2011 21:38:12	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46696	No
247	GOM_NL__2PRFIN20110203_214357_000000503099_00130_46696_5767.N1	03-FEB-2011 21:43:57	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46696	No
248	GOM_NL__2PRFIN20110203_214810_000000463099_00130_46696_5768.N1	03-FEB-2011 21:48:10	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	46696	No
249	GOM_NL__2PRFIN20110203_215852_000000593099_00130_46696_5769.N1	03-FEB-2011 21:58:52	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46696	No
250	GOM_NL__2PRFIN20110203_220938_000000393099_00130_46696_5770.N1	03-FEB-2011 22:09:38	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	46696	No
251	GOM_NL__2PRFIN20110203_222401_000000453099_00130_46696_5771.N1	03-FEB-2011 22:24:01	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	46696	No
252	GOM_NL__2PRFIN20110203_222947_000000403099_00130_46696_5772.N1	03-FEB-2011 22:29:47	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46696	No
253	GOM_NL__2PRFIN20110203_223432_000000413099_00130_46696_5773.N1	03-FEB-2011 22:34:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46696	No
254	GOM_NL__2PRFIN20110203_223750_000000563099_00130_46696_5774.N1	03-FEB-2011 22:37:50	Bright	56.000	130	23Bet Dra	2.7990	5800.0	112	46696	No
255	GOM_NL__2PRFIN20110203_224435_000000653099_00130_46696_5775.N1	03-FEB-2011 22:44:35	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	46696	No
256	GOM_NL__2PRFIN20110203_224821_000000703099_00130_46696_5776.N1	03-FEB-2011 22:48:21	Bright	70.000	127	27Bet Her	2.7810	4700.0	140	46696	No
257	GOM_NL__2PRFIN20110203_225202_000000393099_00130_46696_5777.N1	03-FEB-2011 22:52:02	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	46696	No
258	GOM_NL__2PRFIN20110203_225838_000000453099_00130_46696_5778.N1	03-FEB-2011 22:58:38	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	46696	No
259	GOM_NL__2PRFIN20110203_230304_000000533099_00130_46696_5779.N1	03-FEB-2011 23:03:04	Dark	52.500	16	21Alp Sco	1.0200	3000.0	105	46696	No
260	GOM_NL__2PRFIN20110203_230437_000000473099_00130_46696_5780.N1	03-FEB-2011 23:04:37	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46696	No
261	GOM_NL__2PRFIN20110203_230855_000000433099_00130_46696_5781.N1	03-FEB-2011 23:08:55	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46696	No
262	GOM_NL__2PRFIN20110203_231113_000000453099_00131_46697_5811.N1	03-FEB-2011 23:11:13	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46697	No
263	GOM_NL__2PRFIN20110203_231353_000000503099_00131_46697_5812.N1	03-FEB-2011 23:13:53	Dark	49.500	4	Alp1Cen	-0.010000	5800.0	99	46697	No
264	GOM_NL__2PRFIN20110203_231506_000000453099_00131_46697_5813.N1	03-FEB-2011 23:15:06	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46697	No
265	GOM_NL__2PRFIN20110203_231826_000000433099_00131_46697_5814.N1	03-FEB-2011 23:18:26	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46697	No
266	GOM_NL__2PRFIN20110203_232411_000000483099_00131_46697_5815.N1	03-FEB-2011 23:24:11	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46697	No
267	GOM_NL__2PRFIN20110203_232824_000000443099_00131_46697_5816.N1	03-FEB-2011 23:28:24	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	46697	No
268	GOM_NL__2PRFIN20110203_233906_000000573099_00131_46697_5817.N1	03-FEB-2011 23:39:06	Straylight	56.500	48	30Alp Hya	1.9770	4100.0	113	46697	No
269	GOM_NL__2PRFIN20110203_234952_000000423099_00131_46697_5818.N1	03-FEB-2011 23:49:52	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46697	No

3. Quality information per product

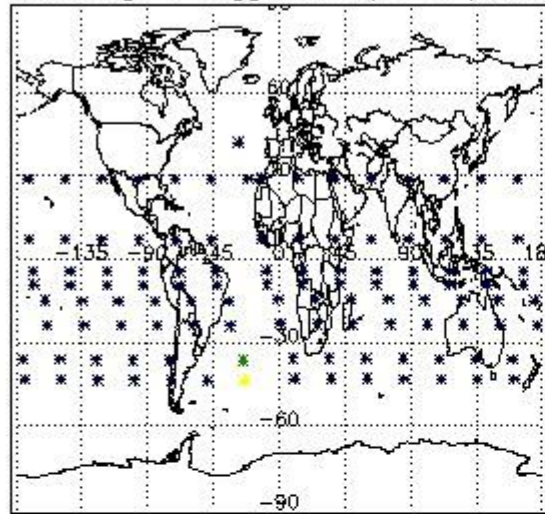
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

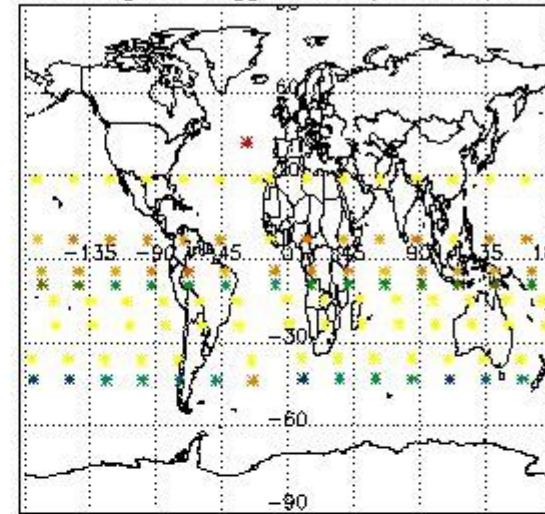


3.2 Plot quality information per product (world map)

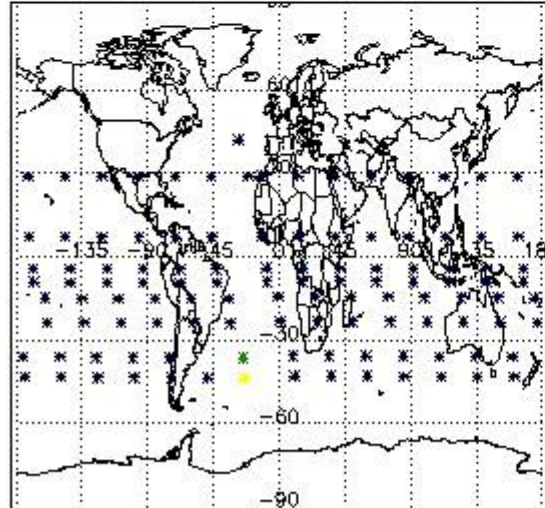
Percentage of flagged data per O3 profile



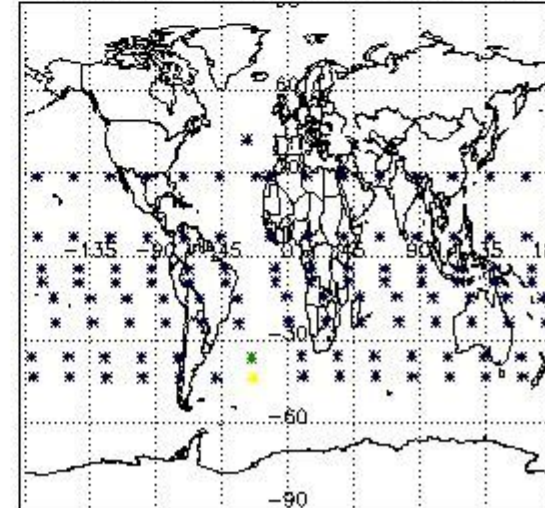
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

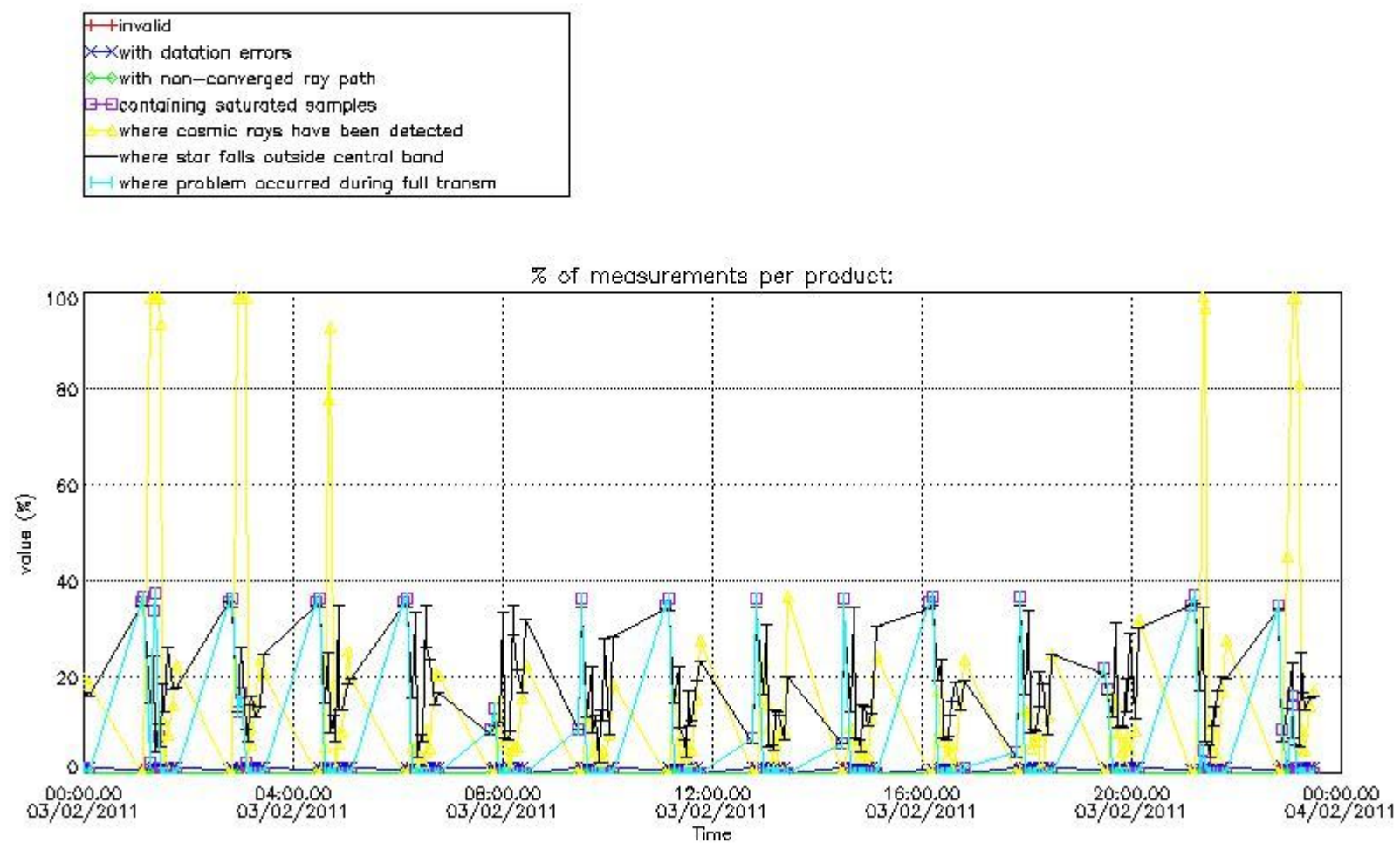


4. Level 1 quality information per product

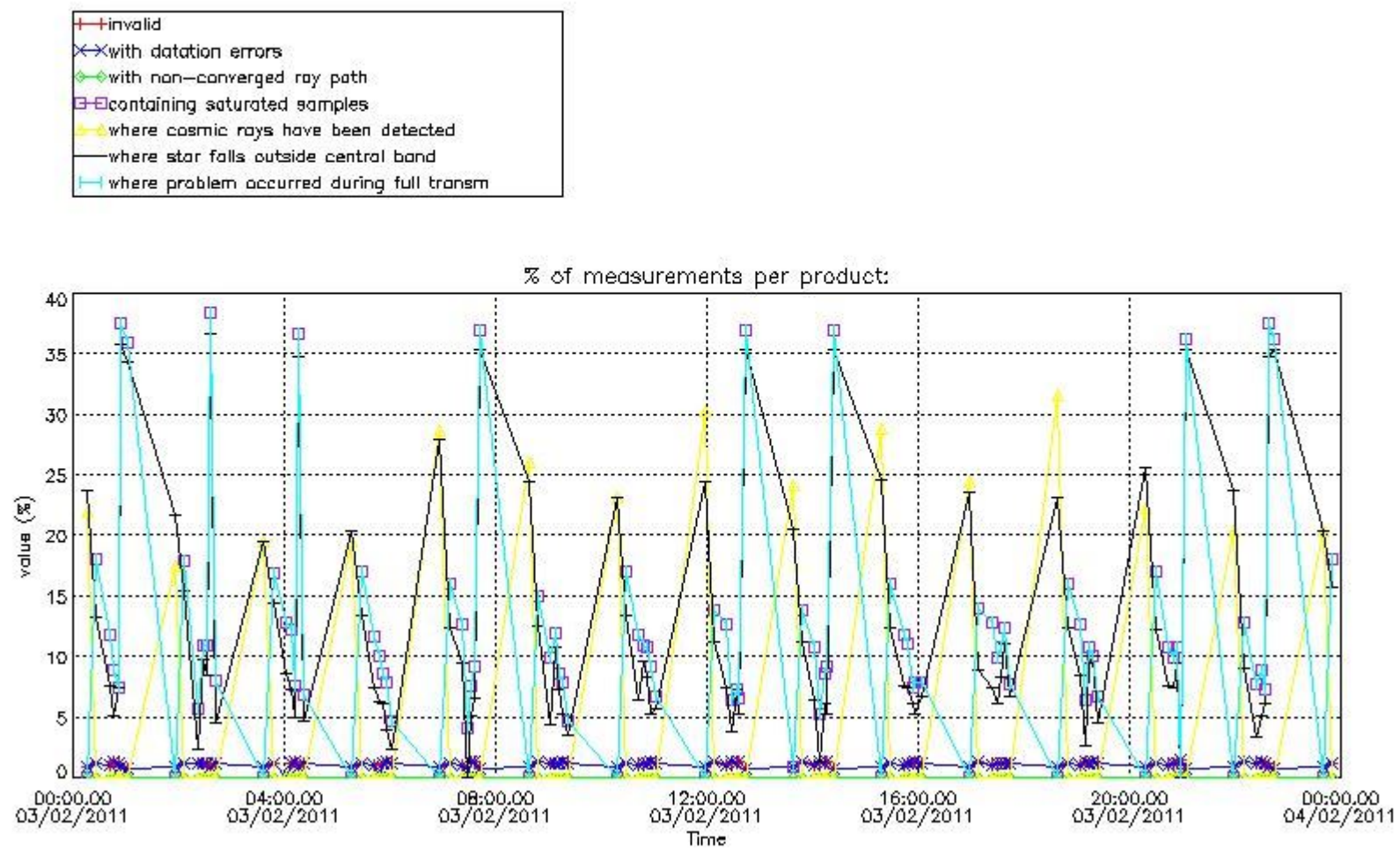
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

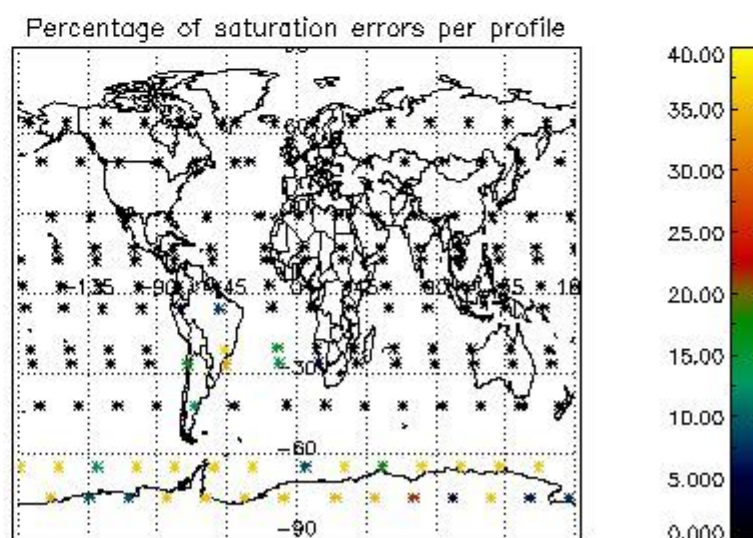
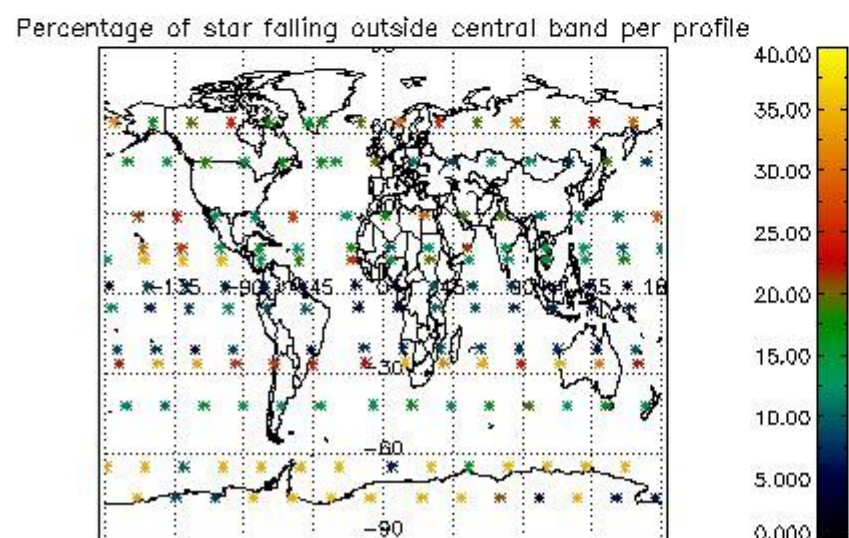
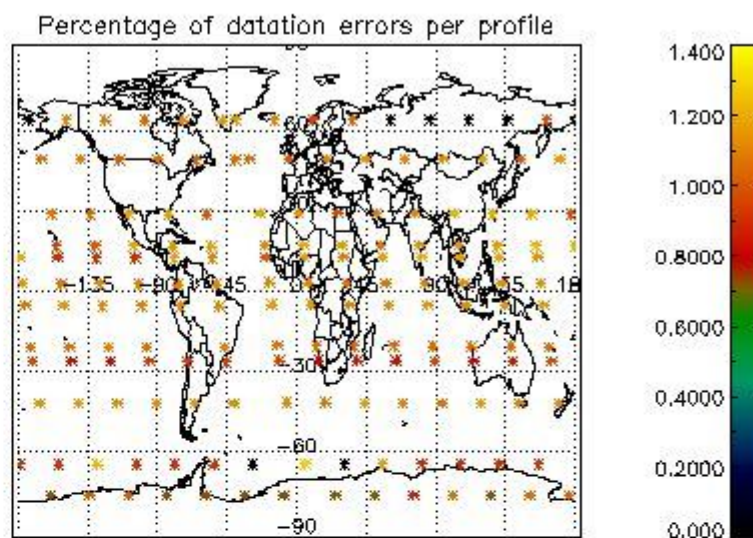
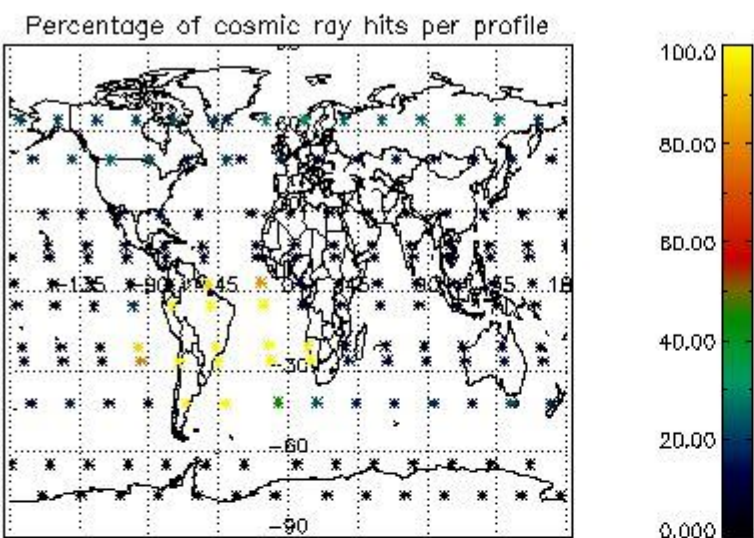


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

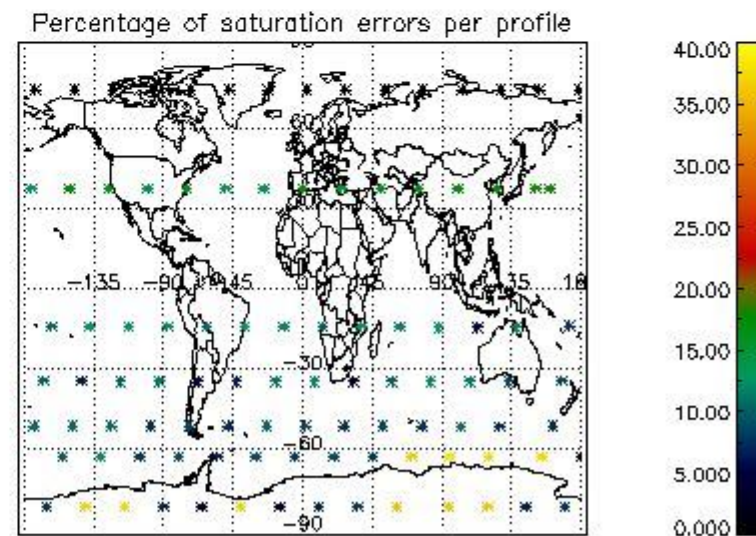
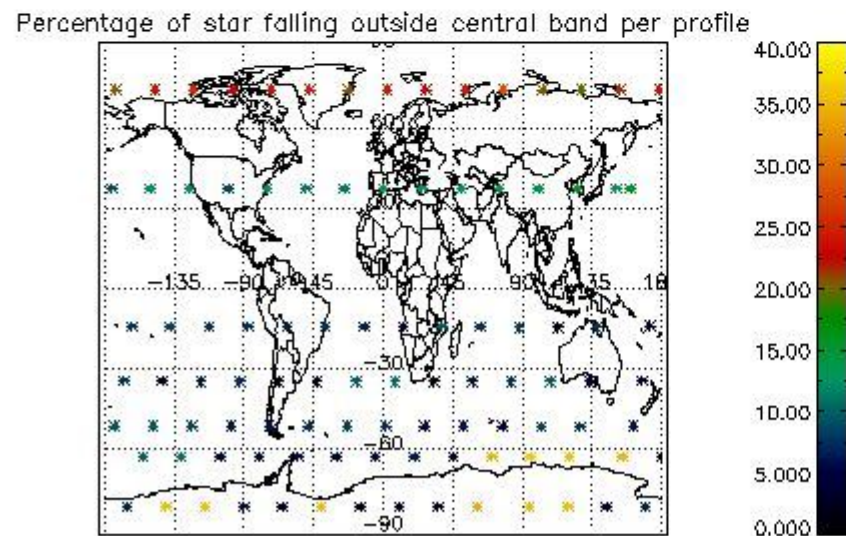
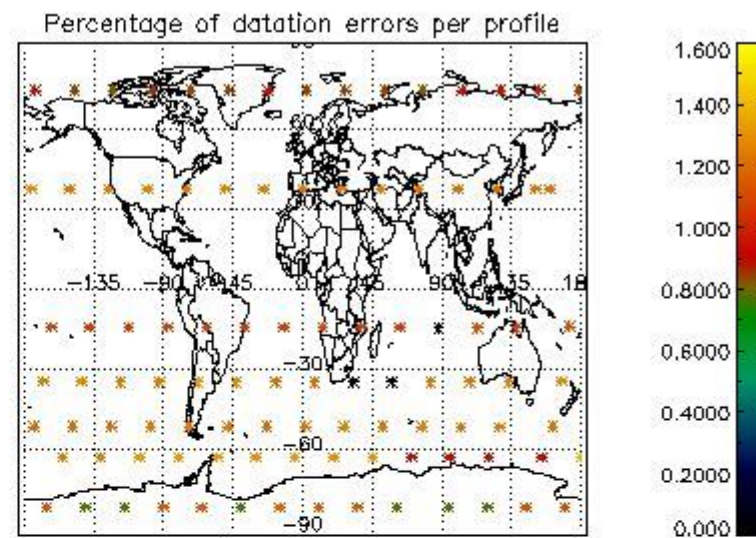
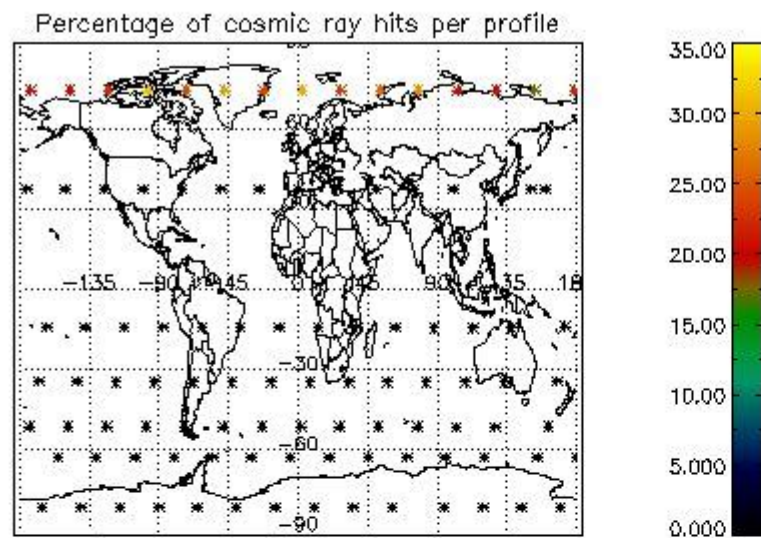


4.2 Plot quality information per product coming from level 1b processing (world map)

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

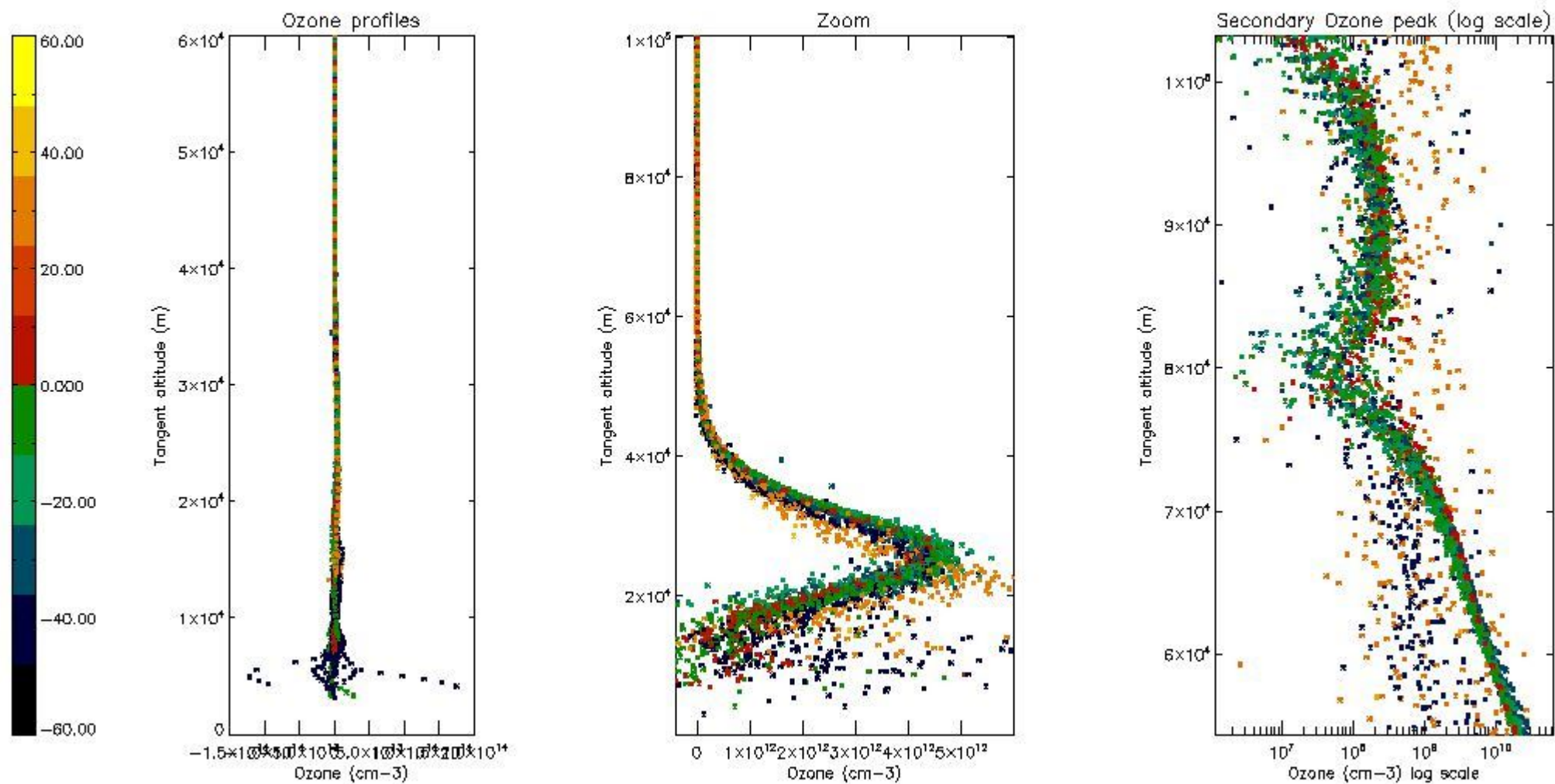
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	21

STD < 10	18
STD < 5	13

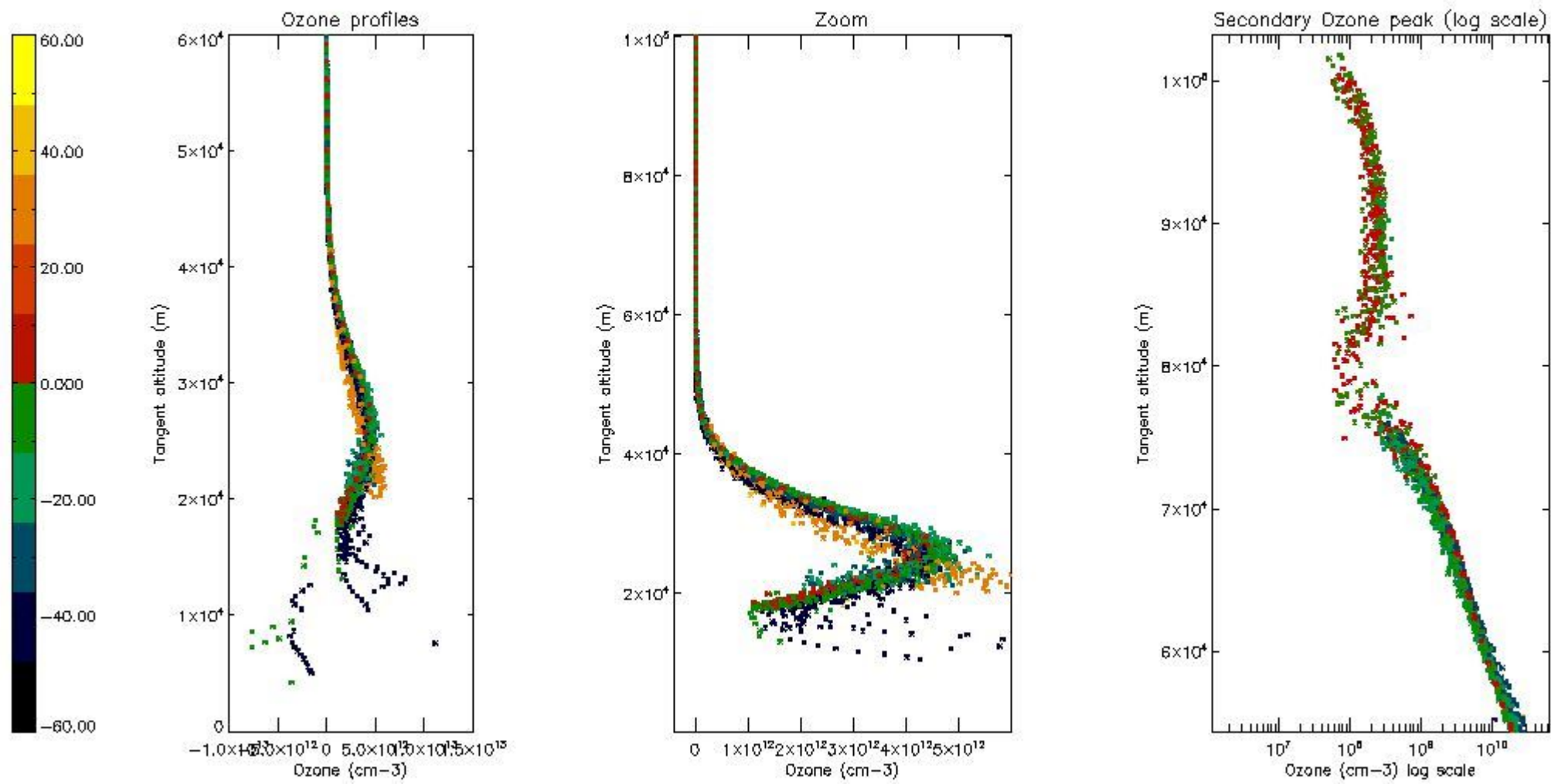
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



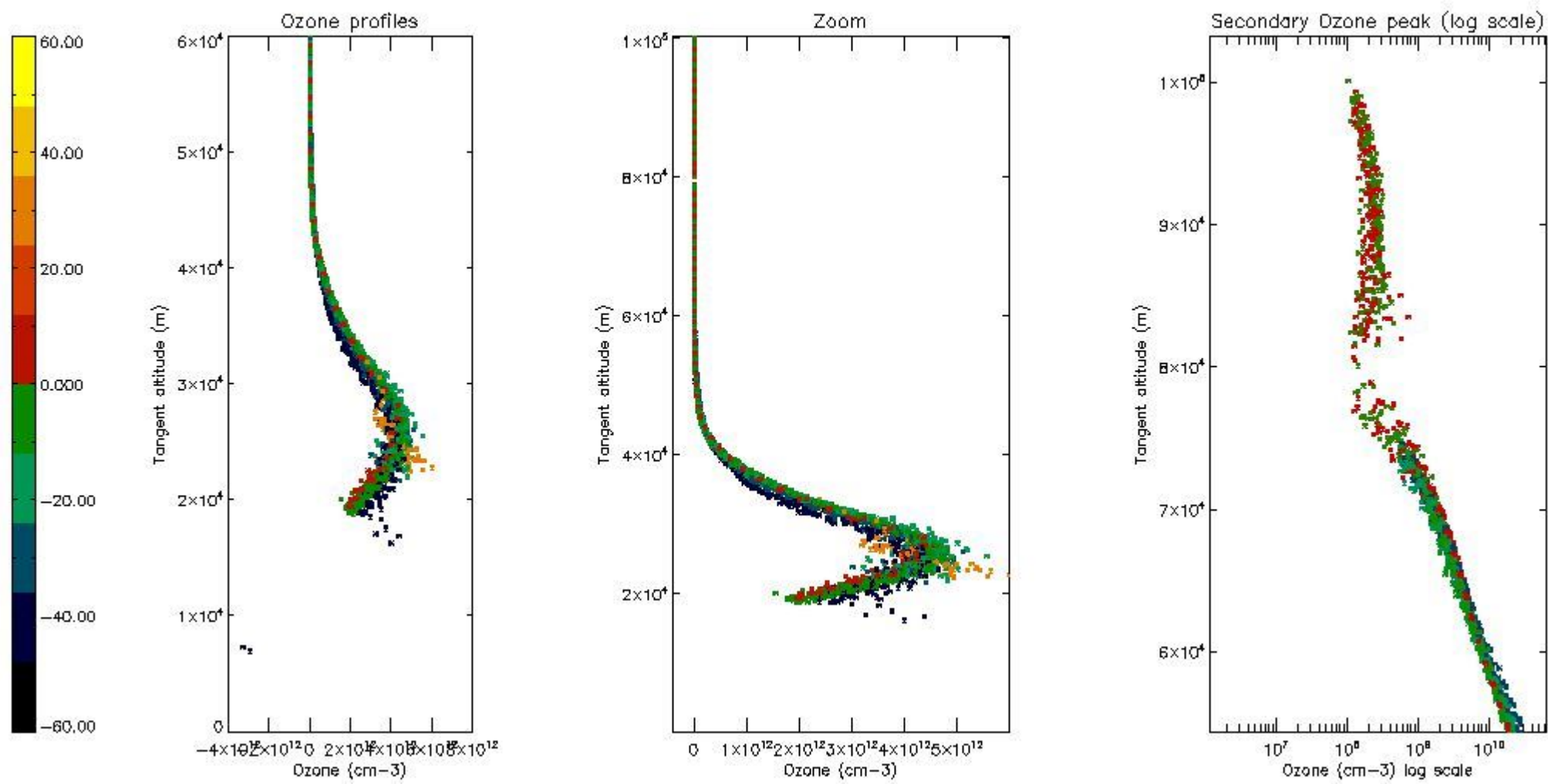
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



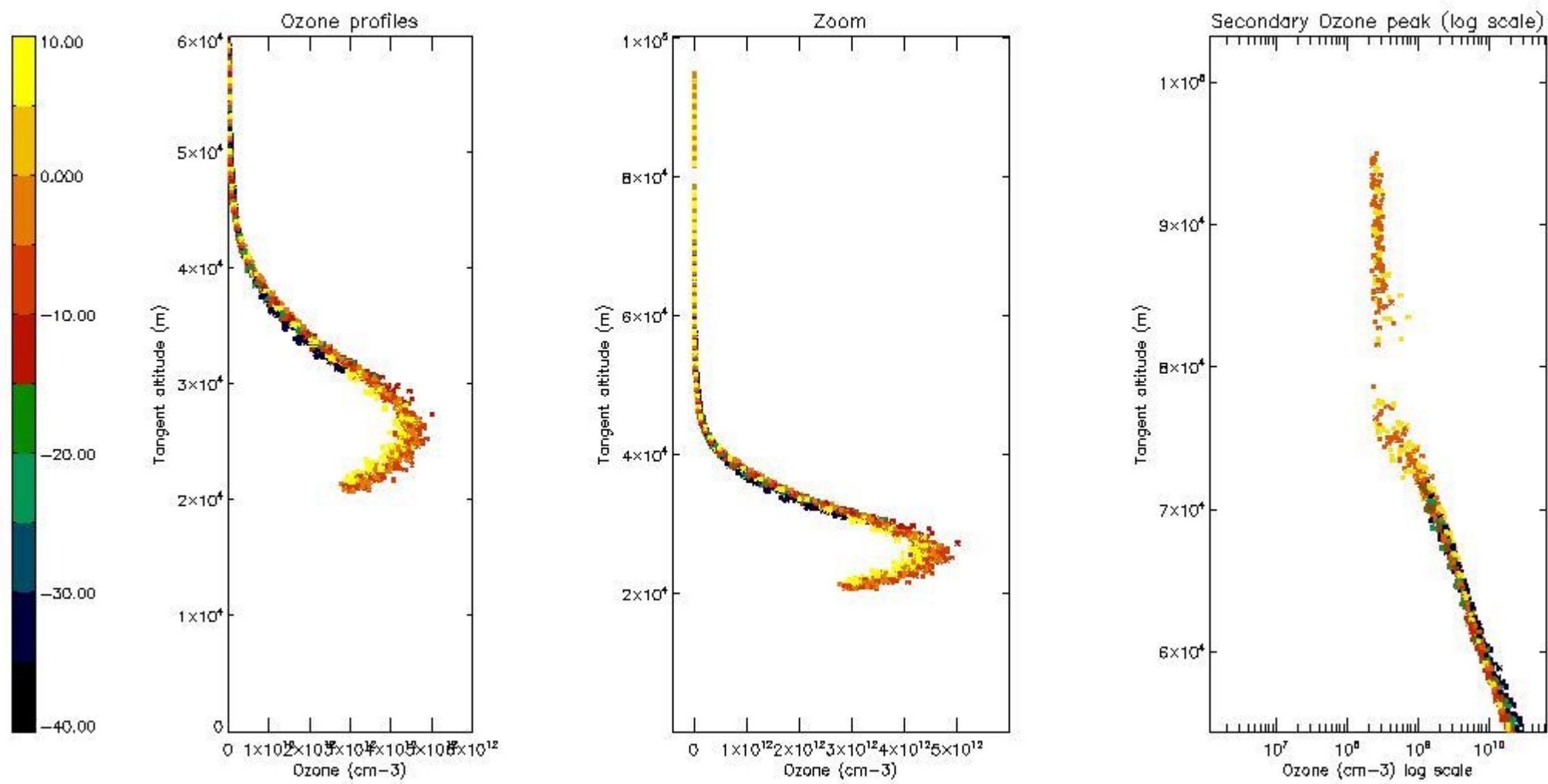
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



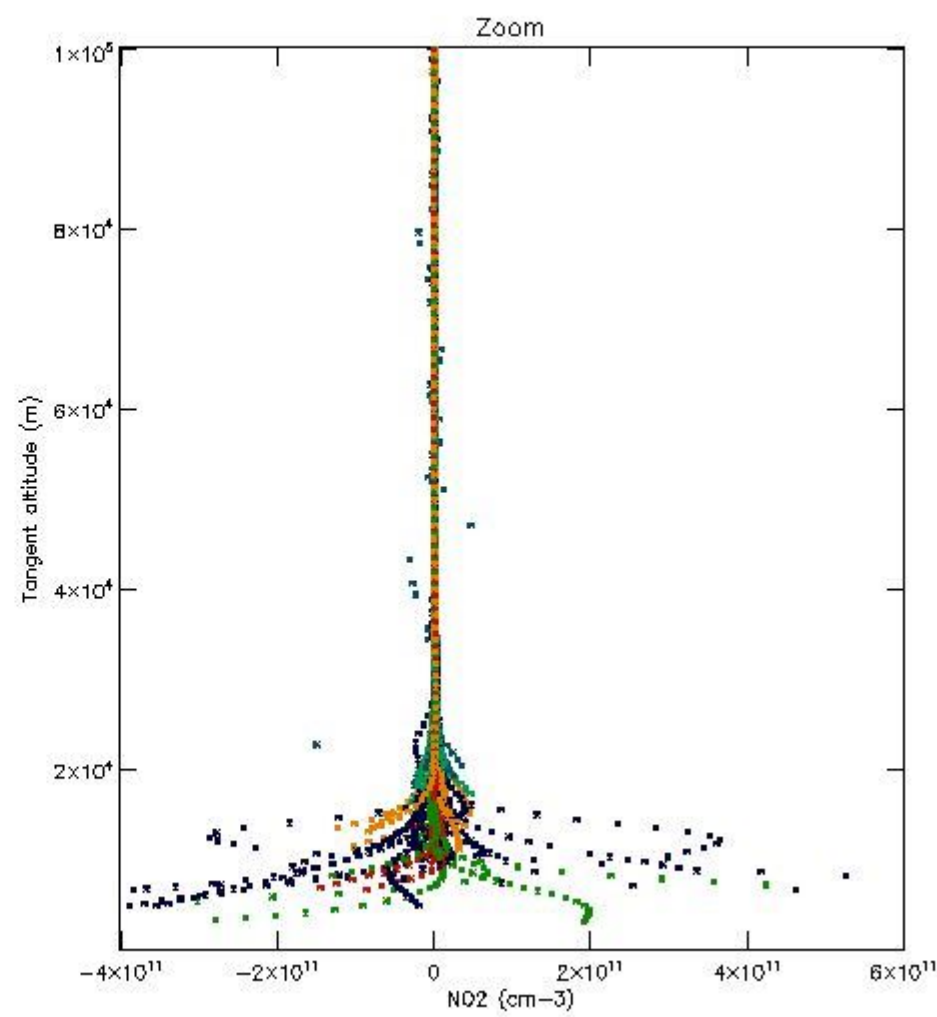
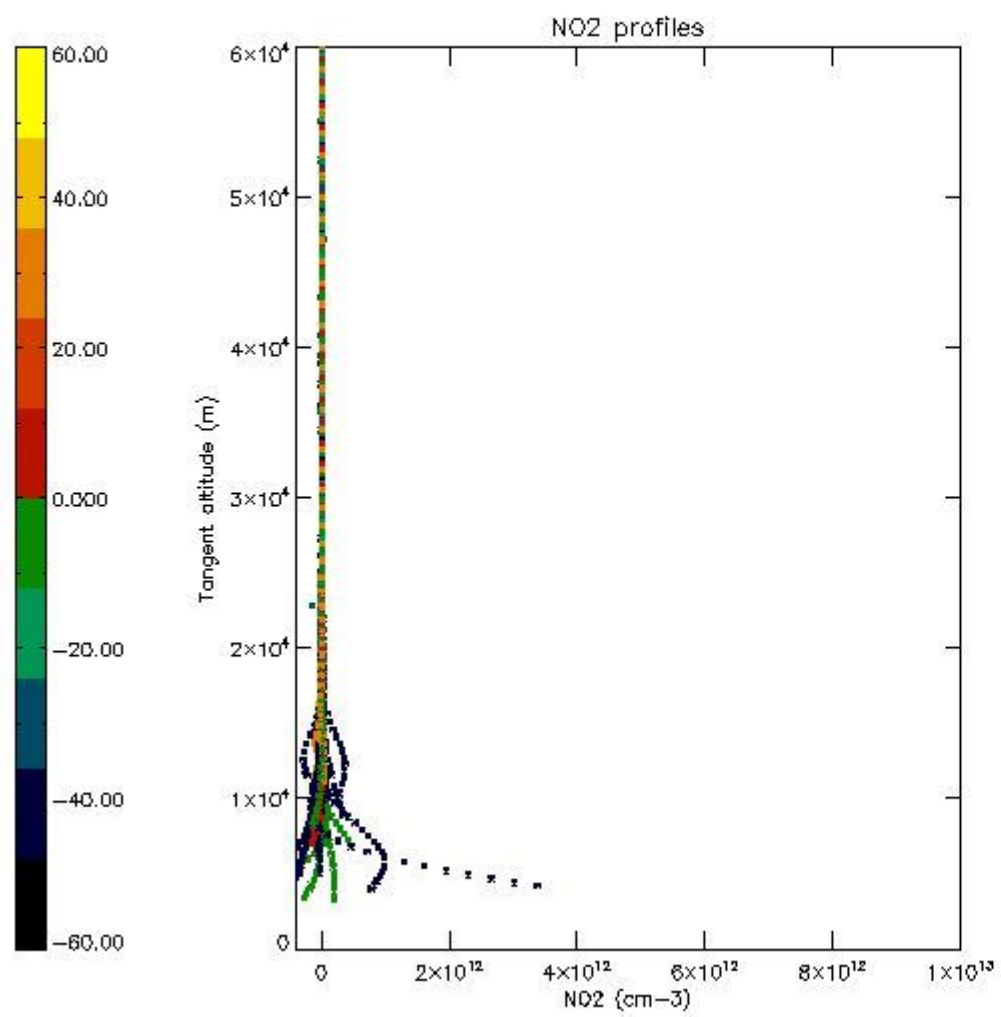
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



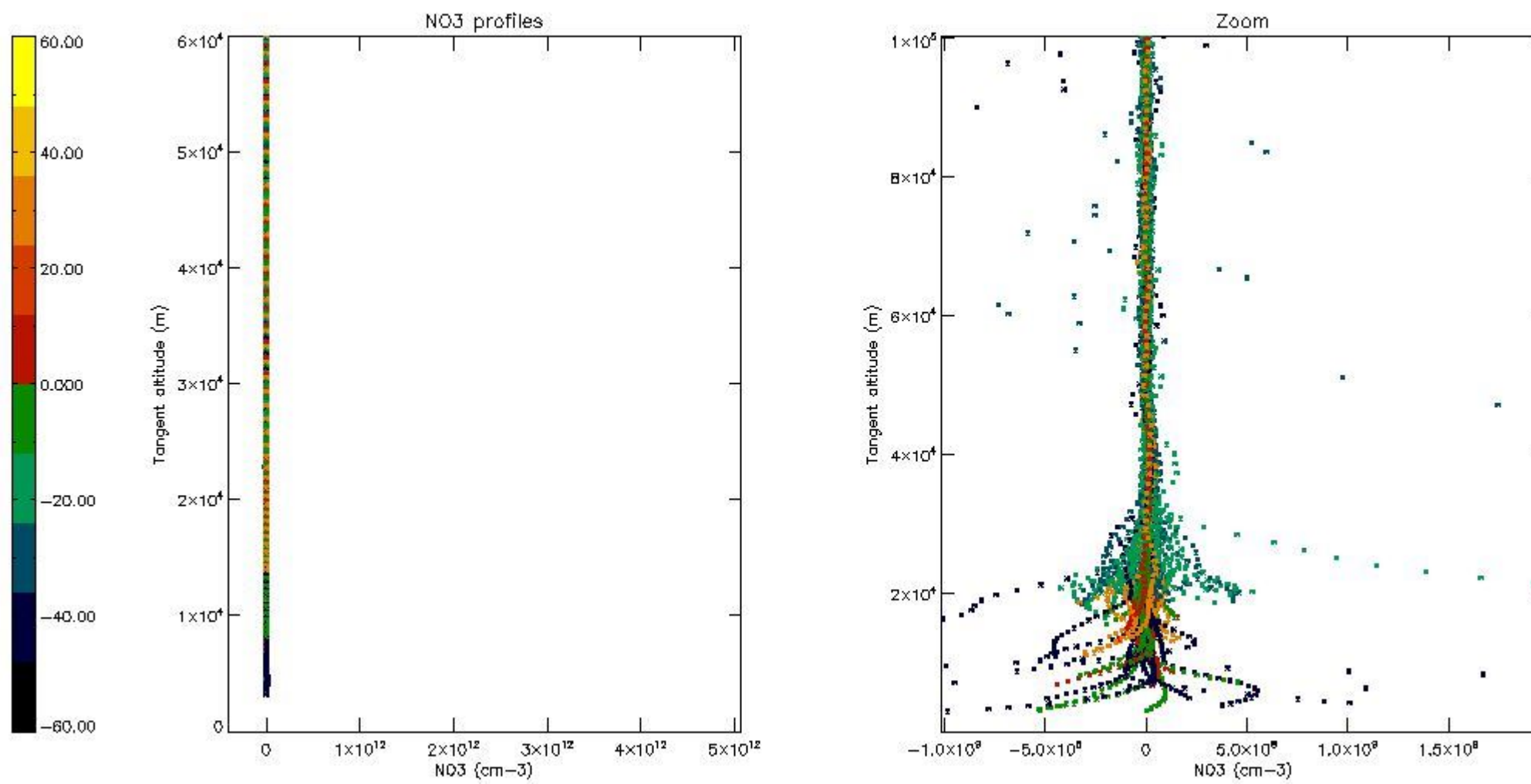
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



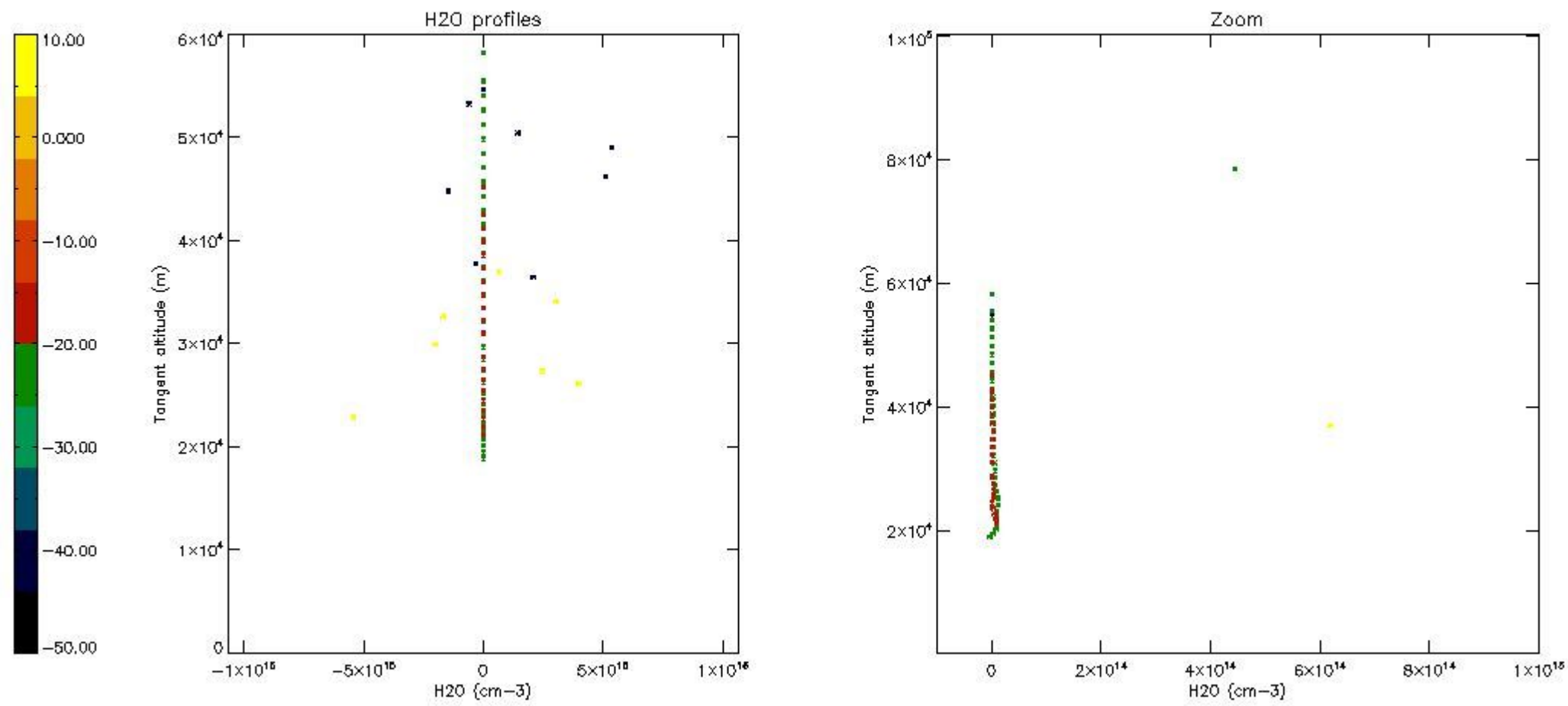
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-FEB-2011 00:00:47
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-FEB-2011 00:00:47
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-FEB-2011 00:00:47

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 09:56:29
Data source version	GOMOS/6.01
Start time of products	03-02-2011 (03FEB2011 00:00:00)
Stop time of products	04-02-2011 (04FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	269
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__2PRFIN20110203_000047_000000483099_00117_46683_5244.N1	03-FEB-2011 00:00:47	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46683	No
2	GOM_NL__2PRFIN20110203_000504_000000443099_00117_46683_5245.N1	03-FEB-2011 00:05:04	Dark	43.500	65	Lam Vel	2.2040	4400.0	87	46683	No
3	GOM_NL__2PRFIN20110203_001551_000000593099_00117_46683_5246.N1	03-FEB-2011 00:15:51	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46683	No
4	GOM_NL__2PRFIN20110203_002637_000000423099_00117_46683_5247.N1	03-FEB-2011 00:26:37	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46683	No
5	GOM_NL__2PRFIN20110203_004108_000000473099_00117_46683_5248.N1	03-FEB-2011 00:41:08	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46683	No
6	GOM_NL__2PRFIN20110203_004648_000000403099_00117_46683_5249.N1	03-FEB-2011 00:46:48	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46683	No
7	GOM_NL__2PRFIN20110203_005132_000000413099_00117_46683_5250.N1	03-FEB-2011 00:51:32	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46683	No
8	GOM_NL__2PRFIN20110203_005448_000000563099_00117_46683_5251.N1	03-FEB-2011 00:54:48	Bright	56.000	130	23Bet Dra	2.7990	5800.0	112	46683	No
9	GOM_NL__2PRFIN20110203_010131_000000643099_00117_46683_5252.N1	03-FEB-2011 01:01:31	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46683	No
10	GOM_NL__2PRFIN20110203_010514_000000693099_00117_46683_5253.N1	03-FEB-2011 01:05:14	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46683	No
11	GOM_NL__2PRFIN20110203_010855_000000553099_00117_46683_5254.N1	03-FEB-2011 01:08:55	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	46683	No
12	GOM_NL__2PRFIN20110203_011528_000000453099_00117_46683_5255.N1	03-FEB-2011 01:15:28	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	46683	No
13	GOM_NL__2PRFIN20110203_011952_000000543099_00117_46683_5256.N1	03-FEB-2011 01:19:52	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46683	No
14	GOM_NL__2PRFIN20110203_012122_000000463099_00117_46683_5257.N1	03-FEB-2011 01:21:22	Dark	45.500	158	6Pi Sco	2.9060	28000.	91	46683	No
15	GOM_NL__2PRFIN20110203_012542_000000453099_00117_46683_5258.N1	03-FEB-2011 01:25:42	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46683	No
16	GOM_NL__2PRFIN20110203_012758_000000453099_00118_46684_5250.N1	03-FEB-2011 01:27:58	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46684	No
17	GOM_NL__2PRFIN20110203_013043_000000463099_00118_46684_5251.N1	03-FEB-2011 01:30:43	Dark	45.500	4	Alp1Cen	-0.010000	5800.0	91	46684	No
18	GOM_NL__2PRFIN20110203_013156_000000433099_00118_46684_5252.N1	03-FEB-2011 01:31:56	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46684	No
19	GOM_NL__2PRFIN20110203_013517_000000503099_00118_46684_5253.N1	03-FEB-2011 01:35:17	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	46684	No
20	GOM_NL__2PRFIN20110203_014101_000000493099_00118_46684_5254.N1	03-FEB-2011 01:41:01	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	46684	No
21	GOM_NL__2PRFIN20110203_014518_000000453099_00118_46684_5255.N1	03-FEB-2011 01:45:18	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	46684	No
22	GOM_NL__2PRFIN20110203_015605_000000583099_00118_46684_5256.N1	03-FEB-2011 01:56:05	Straylight	57.500	48	30Alp Hya	1.9770	4100.0	115	46684	No
23	GOM_NL__2PRFIN20110203_020651_000000423099_00118_46684_5257.N1	03-FEB-2011 02:06:51	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46684	No
24	GOM_NL__2PRFIN20110203_022121_000000443099_00118_46684_5258.N1	03-FEB-2011 02:21:21	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	46684	No
25	GOM_NL__2PRFIN20110203_022702_000000413099_00118_46684_5259.N1	03-FEB-2011 02:27:02	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46684	No
26	GOM_NL__2PRFIN20110203_023146_000000423099_00118_46684_5260.N1	03-FEB-2011 02:31:46	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46684	No
27	GOM_NL__2PRFIN20110203_023502_000000563099_00118_46684_5261.N1	03-FEB-2011 02:35:02	Bright	56.000	130	23Bet Dra	2.7990	5800.0	112	46684	No
28	GOM_NL__2PRFIN20110203_024145_000000443099_00118_46684_5262.N1	03-FEB-2011 02:41:45	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	46684	No
29	GOM_NL__2PRFIN20110203_024529_000000693099_00118_46684_5263.N1	03-FEB-2011 02:45:29	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46684	No
30	GOM_NL__2PRFIN20110203_024909_000000553099_00118_46684_5264.N1	03-FEB-2011 02:49:09	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46684	No
31	GOM_NL__2PRFIN20110203_025543_000000443099_00118_46684_5265.N1	03-FEB-2011 02:55:43	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	46684	No
32	GOM_NL__2PRFIN20110203_030007_000000543099_00118_46684_5266.N1	03-FEB-2011 03:00:07	Dark	53.500	16	21Alp Sco	1.0200	3000.0	107	46684	No
33	GOM_NL__2PRFIN20110203_030557_000000453099_00118_46684_5267.N1	03-FEB-2011 03:05:57	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46684	No
34	GOM_NL__2PRFIN20110203_030813_000000463099_00119_46685_5291.N1	03-FEB-2011 03:08:13	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46685	No
35	GOM_NL__2PRFIN20110203_031058_000000433099_00119_46685_5292.N1	03-FEB-2011 03:10:58	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	46685	No
36	GOM_NL__2PRFIN20110203_031211_000000443099_00119_46685_5293.N1	03-FEB-2011 03:12:11	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46685	No
37	GOM_NL__2PRFIN20110203_031532_000000433099_00119_46685_5294.N1	03-FEB-2011 03:15:32	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46685	No
38	GOM_NL__2PRFIN20110203_032116_000000473099_00119_46685_5295.N1	03-FEB-2011 03:21:16	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46685	No
39	GOM_NL__2PRFIN20110203_032532_000000493099_00119_46685_5296.N1	03-FEB-2011 03:25:32	Straylight	48.500	65	Lam Vel	2.2040	4400.0	97	46685	No
40	GOM_NL__2PRFIN20110203_033619_000000573099_00119_46685_5297.N1	03-FEB-2011 03:36:19	Straylight	56.500	48	30Alp Hya	1.9770	4100.0	113	46685	No
41	GOM_NL__2PRFIN20110203_034705_000000423099_00119_46685_5298.N1	03-FEB-2011 03:47:05	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46685	No
42	GOM_NL__2PRFIN20110203_040134_000000473099_00119_46685_5299.N1	03-FEB-2011 04:01:34	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46685	No

43	GOM_NL__2PRFIN20110203_040716_000000413099_00119_46685_5300.N1	03-FEB-2011 04:07:16	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46685	No
44	GOM_NL__2PRFIN20110203_041200_000000403099_00119_46685_5301.N1	03-FEB-2011 04:12:00	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46685	No
45	GOM_NL__2PRFIN20110203_041516_000000563099_00119_46685_5302.N1	03-FEB-2011 04:15:16	Bright	56.000	130	23Bet Dra	2.7990	5800.0	112	46685	No
46	GOM_NL__2PRFIN20110203_042200_000000443099_00119_46685_5303.N1	03-FEB-2011 04:22:00	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	46685	No
47	GOM_NL__2PRFIN20110203_042543_000000693099_00119_46685_5304.N1	03-FEB-2011 04:25:43	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46685	No
48	GOM_NL__2PRFIN20110203_042924_000000553099_00119_46685_5305.N1	03-FEB-2011 04:29:24	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46685	No
49	GOM_NL__2PRFIN20110203_043557_000000453099_00119_46685_5306.N1	03-FEB-2011 04:35:57	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	46685	No
50	GOM_NL__2PRFIN20110203_044022_000000543099_00119_46685_5307.N1	03-FEB-2011 04:40:22	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	46685	No
51	GOM_NL__2PRFIN20110203_044152_000000483099_00119_46685_5308.N1	03-FEB-2011 04:41:52	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46685	No
52	GOM_NL__2PRFIN20110203_044612_000000463099_00119_46685_5309.N1	03-FEB-2011 04:46:12	Dark	46.000	131	Gam Lup	2.8000	26000.	92	46685	No
53	GOM_NL__2PRFIN20110203_044828_000000463099_00120_46686_5339.N1	03-FEB-2011 04:48:28	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46686	No
54	GOM_NL__2PRFIN20110203_045112_000000563099_00120_46686_5340.N1	03-FEB-2011 04:51:12	Dark	56.000	4	Alp1Cen	-0.010000	5800.0	112	46686	No
55	GOM_NL__2PRFIN20110203_045226_000000433099_00120_46686_5341.N1	03-FEB-2011 04:52:26	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46686	No
56	GOM_NL__2PRFIN20110203_045546_000000433099_00120_46686_5342.N1	03-FEB-2011 04:55:46	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46686	No
57	GOM_NL__2PRFIN20110203_050131_000000493099_00120_46686_5343.N1	03-FEB-2011 05:01:31	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	46686	No
58	GOM_NL__2PRFIN20110203_050547_000000463099_00120_46686_5344.N1	03-FEB-2011 05:05:47	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	46686	No
59	GOM_NL__2PRFIN20110203_051633_000000573099_00120_46686_5345.N1	03-FEB-2011 05:16:33	Straylight	56.500	48	30Alp Hya	1.9770	4100.0	113	46686	No
60	GOM_NL__2PRFIN20110203_052719_000000413099_00120_46686_5346.N1	03-FEB-2011 05:27:19	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46686	No
61	GOM_NL__2PRFIN20110203_054147_000000473099_00120_46686_5347.N1	03-FEB-2011 05:41:47	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46686	No
62	GOM_NL__2PRFIN20110203_054730_000000403099_00120_46686_5348.N1	03-FEB-2011 05:47:30	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46686	No
63	GOM_NL__2PRFIN20110203_055214_000000413099_00120_46686_5349.N1	03-FEB-2011 05:52:14	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46686	No
64	GOM_NL__2PRFIN20110203_055530_000000383099_00120_46686_5350.N1	03-FEB-2011 05:55:30	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46686	No
65	GOM_NL__2PRFIN20110203_060214_000000433099_00120_46686_5351.N1	03-FEB-2011 06:02:14	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	46686	No
66	GOM_NL__2PRFIN20110203_060558_000000693099_00120_46686_5352.N1	03-FEB-2011 06:05:58	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46686	No
67	GOM_NL__2PRFIN20110203_060938_000000553099_00120_46686_5353.N1	03-FEB-2011 06:09:38	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46686	No
68	GOM_NL__2PRFIN20110203_061612_000000453099_00120_46686_5354.N1	03-FEB-2011 06:16:12	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	46686	No
69	GOM_NL__2PRFIN20110203_062037_000000613099_00120_46686_5355.N1	03-FEB-2011 06:20:37	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46686	No
70	GOM_NL__2PRFIN20110203_062207_000000463099_00120_46686_5356.N1	03-FEB-2011 06:22:07	Dark	45.500	158	6Pi Sco	2.9060	28000.	91	46686	No
71	GOM_NL__2PRFIN20110203_062627_000000453099_00120_46686_5357.N1	03-FEB-2011 06:26:27	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46686	No
72	GOM_NL__2PRFIN20110203_062843_000000453099_00121_46687_5356.N1	03-FEB-2011 06:28:43	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46687	No
73	GOM_NL__2PRFIN20110203_063127_000000563099_00121_46687_5357.N1	03-FEB-2011 06:31:27	Dark	56.000	4	Alp1Cen	-0.010000	5800.0	112	46687	No
74	GOM_NL__2PRFIN20110203_063240_000000503099_00121_46687_5358.N1	03-FEB-2011 06:32:40	Dark	50.000	10	Bet Cen	0.61000	28000.	100	46687	No
75	GOM_NL__2PRFIN20110203_063601_000000493099_00121_46687_5359.N1	03-FEB-2011 06:36:01	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	46687	No
76	GOM_NL__2PRFIN20110203_064146_000000463099_00121_46687_5360.N1	03-FEB-2011 06:41:46	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46687	No
77	GOM_NL__2PRFIN20110203_064601_000000453099_00121_46687_5361.N1	03-FEB-2011 06:46:01	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	46687	No
78	GOM_NL__2PRFIN20110203_065647_000000613099_00121_46687_5362.N1	03-FEB-2011 06:56:47	Straylight	61.000	48	30Alp Hya	1.9770	4100.0	122	46687	No
79	GOM_NL__2PRFIN20110203_070733_000000413099_00121_46687_5363.N1	03-FEB-2011 07:07:33	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46687	No
80	GOM_NL__2PRFIN20110203_072201_000000483099_00121_46687_5364.N1	03-FEB-2011 07:22:01	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46687	No
81	GOM_NL__2PRFIN20110203_072743_000000373099_00121_46687_5365.N1	03-FEB-2011 07:27:43	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46687	No
82	GOM_NL__2PRFIN20110203_073228_000000403099_00121_46687_5366.N1	03-FEB-2011 07:32:28	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46687	No
83	GOM_NL__2PRFIN20110203_073544_000000393099_00121_46687_5367.N1	03-FEB-2011 07:35:44	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46687	No
84	GOM_NL__2PRFIN20110203_074228_000000653099_00121_46687_5368.N1	03-FEB-2011 07:42:28	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	46687	No
85	GOM_NL__2PRFIN20110203_074612_000000503099_00121_46687_5369.N1	03-FEB-2011 07:46:12	Bright	49.500	127	27Bet Her	2.7810	4700.0	99	46687	No
86	GOM_NL__2PRFIN20110203_074952_000000413099_00121_46687_5370.N1	03-FEB-2011 07:49:52	Bright	40.500	126	60Bet Oph	2.7700	4250.0	81	46687	No
87	GOM_NL__2PRFIN20110203_075627_000000433099_00121_46687_5371.N1	03-FEB-2011 07:56:27	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	46687	No
88	GOM_NL__2PRFIN20110203_080052_000000613099_00121_46687_5372.N1	03-FEB-2011 08:00:52	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46687	No
89	GOM_NL__2PRFIN20110203_080222_000000483099_00121_46687_5373.N1	03-FEB-2011 08:02:22	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46687	No
90	GOM_NL__2PRFIN20110203_080641_000000443099_00121_46687_5374.N1	03-FEB-2011 08:06:41	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46687	No
91	GOM_NL__2PRFIN20110203_080858_000000473099_00122_46688_5387.N1	03-FEB-2011 08:08:58	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46688	No
92	GOM_NL__2PRFIN20110203_081142_000000563099_00122_46688_5388.N1	03-FEB-2011 08:11:42	Dark	56.000	4	Alp1Cen	-0.010000	5800.0	112	46688	No
93	GOM_NL__2PRFIN20110203_081255_000000523099_00122_46688_5389.N1	03-FEB-2011 08:12:55	Dark	52.000	10	Bet Cen	0.61000	28000.	104	46688	No
94	GOM_NL__2PRFIN20110203_081616_000000473099_00122_46688_5390.N1	03-FEB-2011 08:16:16	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	46688	No
95	GOM_NL__2PRFIN20110203_082200_000000483099_00122_46688_5391.N1	03-FEB-2011 08:22:00	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46688	No
96	GOM_NL__2PRFIN20110203_082616_000000533099_00122_46688_5392.N1	03-FEB-2011 08:26:16	Straylight	53.000	65	Lam Vel	2.2040	4400.0	106	46688	No
97	GOM_NL__2PRFIN20110203_083701_000000603099_00122_46688_5393.N1	03-FEB-2011 08:37:01	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46688	No
98	GOM_NL__2PRFIN20110203_084747_000000403099_00122_46688_5394.N1	03-FEB-2011 08:47:47	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	46688	No
99	GOM_NL__2PRFIN20110203_090214_000000463099_00122_46688_5395.N1	03-FEB-2011 09:02:14	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46688	No
100	GOM_NL__2PRFIN20110203_090757_000000423099_00122_46688_5396.N1	03-FEB-2011 09:07:57	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	46688	No
101	GOM_NL__2PRFIN20110203_091242_000000413099_00122_46688_5397.N1	03-FEB-2011 09:12:42	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46688	No

102	GOM_NL__2PRFIN20110203_091558_000000383099_00122_46688_5398.N1	03-FEB-2011 09:15:58	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46688	No
103	GOM_NL__2PRFIN20110203_092242_000000433099_00122_46688_5399.N1	03-FEB-2011 09:22:42	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	46688	No
104	GOM_NL__2PRFIN20110203_092626_000000503099_00122_46688_5400.N1	03-FEB-2011 09:26:26	Bright	49.500	127	27Bet Her	2.7810	4700.0	99	46688	No
105	GOM_NL__2PRFIN20110203_093007_000000553099_00122_46688_5401.N1	03-FEB-2011 09:30:07	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46688	No
106	GOM_NL__2PRFIN20110203_093641_000000443099_00122_46688_5402.N1	03-FEB-2011 09:36:41	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	46688	No
107	GOM_NL__2PRFIN20110203_094106_000000523099_00122_46688_5403.N1	03-FEB-2011 09:41:06	Dark	52.000	16	21Alp Sco	1.0200	3000.0	104	46688	No
108	GOM_NL__2PRFIN20110203_094237_000000483099_00122_46688_5404.N1	03-FEB-2011 09:42:37	Dark	48.000	158	6Pi Sco	2.9060	28000.	96	46688	No
109	GOM_NL__2PRFIN20110203_094656_000000473099_00122_46688_5405.N1	03-FEB-2011 09:46:56	Dark	46.500	131	Gam Lup	2.8000	26000.	93	46688	No
110	GOM_NL__2PRFIN20110203_094913_000000443099_00123_46689_5430.N1	03-FEB-2011 09:49:13	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46689	No
111	GOM_NL__2PRFIN20110203_095156_000000423099_00123_46689_5431.N1	03-FEB-2011 09:51:56	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	46689	No
112	GOM_NL__2PRFIN20110203_095310_000000423099_00123_46689_5432.N1	03-FEB-2011 09:53:10	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46689	No
113	GOM_NL__2PRFIN20110203_095630_000000523099_00123_46689_5433.N1	03-FEB-2011 09:56:30	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	46689	No
114	GOM_NL__2PRFIN20110203_100215_000000433099_00123_46689_5434.N1	03-FEB-2011 10:02:15	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	46689	No
115	GOM_NL__2PRFIN20110203_100630_000000513099_00123_46689_5435.N1	03-FEB-2011 10:06:30	Straylight	51.000	65	Lam Vel	2.2040	4400.0	102	46689	No
116	GOM_NL__2PRFIN20110203_101715_000000593099_00123_46689_5436.N1	03-FEB-2011 10:17:15	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	46689	No
117	GOM_NL__2PRFIN20110203_102801_000000413099_00123_46689_5437.N1	03-FEB-2011 10:28:01	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46689	No
118	GOM_NL__2PRFIN20110203_104228_000000473099_00123_46689_5438.N1	03-FEB-2011 10:42:28	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46689	No
119	GOM_NL__2PRFIN20110203_104811_000000423099_00123_46689_5439.N1	03-FEB-2011 10:48:11	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46689	No
120	GOM_NL__2PRFIN20110203_105255_000000423099_00123_46689_5440.N1	03-FEB-2011 10:52:55	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46689	No
121	GOM_NL__2PRFIN20110203_105612_000000393099_00123_46689_5441.N1	03-FEB-2011 10:56:12	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46689	No
122	GOM_NL__2PRFIN20110203_110256_000000453099_00123_46689_5442.N1	03-FEB-2011 11:02:56	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	46689	No
123	GOM_NL__2PRFIN20110203_110641_000000693099_00123_46689_5443.N1	03-FEB-2011 11:06:41	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46689	No
124	GOM_NL__2PRFIN20110203_111021_000000553099_00123_46689_5444.N1	03-FEB-2011 11:10:21	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46689	No
125	GOM_NL__2PRFIN20110203_111656_000000453099_00123_46689_5445.N1	03-FEB-2011 11:16:56	Tw_i_and_stray	44.500	86	35Eta Oph	2.4300	10200.	89	46689	No
126	GOM_NL__2PRFIN20110203_112121_000000523099_00123_46689_5446.N1	03-FEB-2011 11:21:21	Dark	51.500	16	21Alp Sco	1.0200	3000.0	103	46689	No
127	GOM_NL__2PRFIN20110203_112252_000000483099_00123_46689_5447.N1	03-FEB-2011 11:22:52	Dark	48.000	158	6Pi Sco	2.9060	28000.	96	46689	No
128	GOM_NL__2PRFIN20110203_112711_000000443099_00123_46689_5448.N1	03-FEB-2011 11:27:11	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46689	No
129	GOM_NL__2PRFIN20110203_112928_000000443099_00124_46690_5511.N1	03-FEB-2011 11:29:28	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46690	No
130	GOM_NL__2PRFIN20110203_113211_000000443099_00124_46690_5512.N1	03-FEB-2011 11:32:11	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	46690	No
131	GOM_NL__2PRFIN20110203_113324_000000413099_00124_46690_5513.N1	03-FEB-2011 11:33:24	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46690	No
132	GOM_NL__2PRFIN20110203_113644_000000423099_00124_46690_5514.N1	03-FEB-2011 11:36:44	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46690	No
133	GOM_NL__2PRFIN20110203_114229_000000503099_00124_46690_5515.N1	03-FEB-2011 11:42:29	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46690	No
134	GOM_NL__2PRFIN20110203_114644_000000473099_00124_46690_5516.N1	03-FEB-2011 11:46:44	Straylight	47.000	65	Lam Vel	2.2040	4400.0	94	46690	No
135	GOM_NL__2PRFIN20110203_115729_000000603099_00124_46690_5517.N1	03-FEB-2011 11:57:29	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46690	No
136	GOM_NL__2PRFIN20110203_120815_000000403099_00124_46690_5518.N1	03-FEB-2011 12:08:15	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	46690	No
137	GOM_NL__2PRFIN20110203_122241_000000483099_00124_46690_5519.N1	03-FEB-2011 12:22:41	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46690	No
138	GOM_NL__2PRFIN20110203_122824_000000393099_00124_46690_5520.N1	03-FEB-2011 12:28:24	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46690	No
139	GOM_NL__2PRFIN20110203_123309_000000413099_00124_46690_5521.N1	03-FEB-2011 12:33:09	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46690	No
140	GOM_NL__2PRFIN20110203_123626_000000383099_00124_46690_5522.N1	03-FEB-2011 12:36:26	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46690	No
141	GOM_NL__2PRFIN20110203_124310_000000653099_00124_46690_5523.N1	03-FEB-2011 12:43:10	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	46690	No
142	GOM_NL__2PRFIN20110203_124655_000000493099_00124_46690_5524.N1	03-FEB-2011 12:46:55	Bright	48.500	127	27Bet Her	2.7810	4700.0	97	46690	No
143	GOM_NL__2PRFIN20110203_125035_000000553099_00124_46690_5525.N1	03-FEB-2011 12:50:35	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46690	No
144	GOM_NL__2PRFIN20110203_125710_000000463099_00124_46690_5526.N1	03-FEB-2011 12:57:10	Tw_i_and_stray	45.500	86	35Eta Oph	2.4300	10200.	91	46690	No
145	GOM_NL__2PRFIN20110203_130136_000000593099_00124_46690_5527.N1	03-FEB-2011 13:01:36	Dark	58.500	16	21Alp Sco	1.0200	3000.0	117	46690	No
146	GOM_NL__2PRFIN20110203_130307_000000473099_00124_46690_5528.N1	03-FEB-2011 13:03:07	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46690	No
147	GOM_NL__2PRFIN20110203_130726_000000443099_00124_46690_5529.N1	03-FEB-2011 13:07:26	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46690	No
148	GOM_NL__2PRFIN20110203_130943_000000443099_00125_46691_5534.N1	03-FEB-2011 13:09:43	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46691	No
149	GOM_NL__2PRFIN20110203_131225_000000423099_00125_46691_5535.N1	03-FEB-2011 13:12:25	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	46691	No
150	GOM_NL__2PRFIN20110203_131339_000000433099_00125_46691_5536.N1	03-FEB-2011 13:13:39	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46691	No
151	GOM_NL__2PRFIN20110203_131659_000000423099_00125_46691_5537.N1	03-FEB-2011 13:16:59	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46691	No
152	GOM_NL__2PRFIN20110203_132244_000000433099_00125_46691_5538.N1	03-FEB-2011 13:22:44	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	46691	No
153	GOM_NL__2PRFIN20110203_132659_000000453099_00125_46691_5539.N1	03-FEB-2011 13:26:59	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	46691	No
154	GOM_NL__2PRFIN20110203_133743_000000563099_00125_46691_5540.N1	03-FEB-2011 13:37:43	Straylight	56.000	48	30Alp Hya	1.9770	4100.0	112	46691	No
155	GOM_NL__2PRFIN20110203_134829_000000403099_00125_46691_5541.N1	03-FEB-2011 13:48:29	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	46691	No
156	GOM_NL__2PRFIN20110203_140254_000000473099_00125_46691_5542.N1	03-FEB-2011 14:02:54	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46691	No
157	GOM_NL__2PRFIN20110203_140838_000000383099_00125_46691_5543.N1	03-FEB-2011 14:08:38	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46691	No
158	GOM_NL__2PRFIN20110203_141323_000000413099_00125_46691_5544.N1	03-FEB-2011 14:13:23	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46691	No
159	GOM_NL__2PRFIN20110203_141640_000000383099_00125_46691_5545.N1	03-FEB-2011 14:16:40	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46691	No
160	GOM_NL__2PRFIN20110203_142324_000000653099_00125_46691_5546.N1	03-FEB-2011 14:23:24	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	46691	No

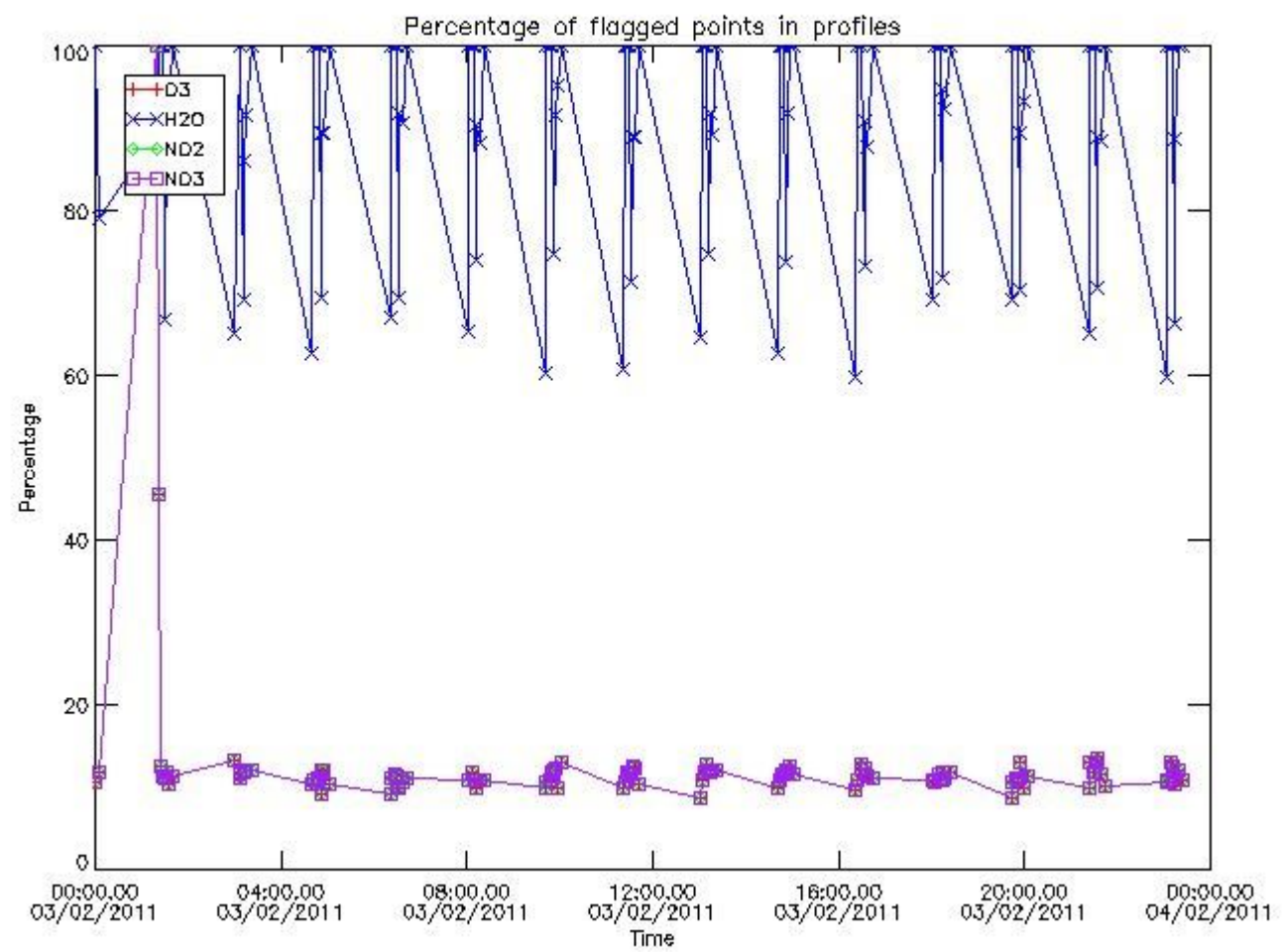
161	GOM_NL__2PRFIN20110203_142710_000000483099_00125_46691_5547.N1	03-FEB-2011 14:27:10	Bright	48.000	127	27Bet Her	2.7810	4700.0	96	46691	No
162	GOM_NL__2PRFIN20110203_143050_000000553099_00125_46691_5548.N1	03-FEB-2011 14:30:50	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46691	No
163	GOM_NL__2PRFIN20110203_143725_000000433099_00125_46691_5549.N1	03-FEB-2011 14:37:25	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	46691	No
164	GOM_NL__2PRFIN20110203_144151_000000623099_00125_46691_5550.N1	03-FEB-2011 14:41:51	Dark	62.000	16	21Alp Sco	1.0200	3000.0	124	46691	No
165	GOM_NL__2PRFIN20110203_144322_000000473099_00125_46691_5551.N1	03-FEB-2011 14:43:22	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46691	No
166	GOM_NL__2PRFIN20110203_144741_000000443099_00125_46691_5552.N1	03-FEB-2011 14:47:41	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46691	No
167	GOM_NL__2PRFIN20110203_144958_000000453099_00126_46692_5575.N1	03-FEB-2011 14:49:58	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46692	No
168	GOM_NL__2PRFIN20110203_145240_000000433099_00126_46692_5576.N1	03-FEB-2011 14:52:40	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	46692	No
169	GOM_NL__2PRFIN20110203_145353_000000443099_00126_46692_5577.N1	03-FEB-2011 14:53:53	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46692	No
170	GOM_NL__2PRFIN20110203_145714_000000413099_00126_46692_5578.N1	03-FEB-2011 14:57:14	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46692	No
171	GOM_NL__2PRFIN20110203_150258_000000453099_00126_46692_5579.N1	03-FEB-2011 15:02:58	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46692	No
172	GOM_NL__2PRFIN20110203_150713_000000513099_00126_46692_5580.N1	03-FEB-2011 15:07:13	Straylight	51.000	65	Lam Vel	2.2040	4400.0	102	46692	No
173	GOM_NL__2PRFIN20110203_151757_000000593099_00126_46692_5581.N1	03-FEB-2011 15:17:57	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46692	No
174	GOM_NL__2PRFIN20110203_152843_000000413099_00126_46692_5582.N1	03-FEB-2011 15:28:43	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46692	No
175	GOM_NL__2PRFIN20110203_154308_000000473099_00126_46692_5583.N1	03-FEB-2011 15:43:08	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46692	No
176	GOM_NL__2PRFIN20110203_154852_000000413099_00126_46692_5584.N1	03-FEB-2011 15:48:52	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46692	No
177	GOM_NL__2PRFIN20110203_155337_000000413099_00126_46692_5585.N1	03-FEB-2011 15:53:37	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	46692	No
178	GOM_NL__2PRFIN20110203_155654_000000383099_00126_46692_5586.N1	03-FEB-2011 15:56:54	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46692	No
179	GOM_NL__2PRFIN20110203_160339_000000453099_00126_46692_5587.N1	03-FEB-2011 16:03:39	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	46692	No
180	GOM_NL__2PRFIN20110203_160724_000000703099_00126_46692_5588.N1	03-FEB-2011 16:07:24	Bright	70.000	127	27Bet Her	2.7810	4700.0	140	46692	No
181	GOM_NL__2PRFIN20110203_161104_000000563099_00126_46692_5589.N1	03-FEB-2011 16:11:04	Bright	56.000	126	60Bet Oph	2.7700	4250.0	112	46692	No
182	GOM_NL__2PRFIN20110203_161740_000000473099_00126_46692_5590.N1	03-FEB-2011 16:17:40	Twilight	47.000	86	35Eta Oph	2.4300	10200.	94	46692	No
183	GOM_NL__2PRFIN20110203_162205_000000533099_00126_46692_5591.N1	03-FEB-2011 16:22:05	Dark	52.500	16	21Alp Sco	1.0200	3000.0	105	46692	No
184	GOM_NL__2PRFIN20110203_162337_000000483099_00126_46692_5592.N1	03-FEB-2011 16:23:37	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46692	No
185	GOM_NL__2PRFIN20110203_162756_000000443099_00126_46692_5593.N1	03-FEB-2011 16:27:56	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46692	No
186	GOM_NL__2PRFIN20110203_163013_000000463099_00127_46693_5613.N1	03-FEB-2011 16:30:13	Dark	46.000	109	Bet Lup	2.6770	26000.	92	46693	No
187	GOM_NL__2PRFIN20110203_163254_000000423099_00127_46693_5614.N1	03-FEB-2011 16:32:54	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	46693	No
188	GOM_NL__2PRFIN20110203_163408_000000443099_00127_46693_5615.N1	03-FEB-2011 16:34:08	Dark	44.000	10	Bet Cen	0.61000	28000.	88	46693	No
189	GOM_NL__2PRFIN20110203_163728_000000453099_00127_46693_5616.N1	03-FEB-2011 16:37:28	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	46693	No
190	GOM_NL__2PRFIN20110203_164313_000000463099_00127_46693_5617.N1	03-FEB-2011 16:43:13	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	46693	No
191	GOM_NL__2PRFIN20110203_164727_000000453099_00127_46693_5618.N1	03-FEB-2011 16:47:27	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	46693	No
192	GOM_NL__2PRFIN20110203_165811_000000603099_00127_46693_5619.N1	03-FEB-2011 16:58:11	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46693	No
193	GOM_NL__2PRFIN20110203_170857_000000403099_00127_46693_5620.N1	03-FEB-2011 17:08:57	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	46693	No
194	GOM_NL__2PRFIN20110203_172321_000000473099_00127_46693_5621.N1	03-FEB-2011 17:23:21	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46693	No
195	GOM_NL__2PRFIN20110203_172906_000000413099_00127_46693_5622.N1	03-FEB-2011 17:29:06	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46693	No
196	GOM_NL__2PRFIN20110203_173351_000000423099_00127_46693_5623.N1	03-FEB-2011 17:33:51	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46693	No
197	GOM_NL__2PRFIN20110203_173708_000000413099_00127_46693_5624.N1	03-FEB-2011 17:37:08	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	46693	No
198	GOM_NL__2PRFIN20110203_174353_000000453099_00127_46693_5625.N1	03-FEB-2011 17:43:53	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	46693	No
199	GOM_NL__2PRFIN20110203_174738_000000473099_00127_46693_5626.N1	03-FEB-2011 17:47:38	Bright	47.000	127	27Bet Her	2.7810	4700.0	94	46693	No
200	GOM_NL__2PRFIN20110203_175118_000000563099_00127_46693_5627.N1	03-FEB-2011 17:51:18	Bright	56.000	126	60Bet Oph	2.7700	4250.0	112	46693	No
201	GOM_NL__2PRFIN20110203_175754_000000463099_00127_46693_5628.N1	03-FEB-2011 17:57:54	Twilight	45.500	86	35Eta Oph	2.4300	10200.	91	46693	No
202	GOM_NL__2PRFIN20110203_180220_000000613099_00127_46693_5629.N1	03-FEB-2011 18:02:20	Dark	60.500	16	21Alp Sco	1.0200	3000.0	121	46693	No
203	GOM_NL__2PRFIN20110203_180352_000000483099_00127_46693_5630.N1	03-FEB-2011 18:03:52	Dark	48.000	158	6Pi Sco	2.9060	28000.	96	46693	No
204	GOM_NL__2PRFIN20110203_180811_000000453099_00127_46693_5631.N1	03-FEB-2011 18:08:11	Dark	44.500	131	Gam Lup	2.8000	26000.	89	46693	No
205	GOM_NL__2PRFIN20110203_181028_000000473099_00128_46694_5657.N1	03-FEB-2011 18:10:28	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46694	No
206	GOM_NL__2PRFIN20110203_181309_000000433099_00128_46694_5658.N1	03-FEB-2011 18:13:09	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46694	No
207	GOM_NL__2PRFIN20110203_181422_000000483099_00128_46694_5659.N1	03-FEB-2011 18:14:22	Dark	47.500	10	Bet Cen	0.61000	28000.	95	46694	No
208	GOM_NL__2PRFIN20110203_181743_000000463099_00128_46694_5660.N1	03-FEB-2011 18:17:43	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	46694	No
209	GOM_NL__2PRFIN20110203_182328_000000443099_00128_46694_5661.N1	03-FEB-2011 18:23:28	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	46694	No
210	GOM_NL__2PRFIN20110203_182742_000000493099_00128_46694_5662.N1	03-FEB-2011 18:27:42	Straylight	48.500	65	Lam Vel	2.2040	4400.0	97	46694	No
211	GOM_NL__2PRFIN20110203_183824_000000593099_00128_46694_5663.N1	03-FEB-2011 18:38:24	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	46694	No
212	GOM_NL__2PRFIN20110203_184911_000000413099_00128_46694_5664.N1	03-FEB-2011 18:49:11	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46694	No
213	GOM_NL__2PRFIN20110203_190334_000000483099_00128_46694_5665.N1	03-FEB-2011 19:03:34	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	46694	No
214	GOM_NL__2PRFIN20110203_190920_000000393099_00128_46694_5666.N1	03-FEB-2011 19:09:20	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46694	No
215	GOM_NL__2PRFIN20110203_191404_000000423099_00128_46694_5667.N1	03-FEB-2011 19:14:04	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46694	No
216	GOM_NL__2PRFIN20110203_191722_000000403099_00128_46694_5668.N1	03-FEB-2011 19:17:22	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	46694	No
217	GOM_NL__2PRFIN20110203_192407_000000453099_00128_46694_5669.N1	03-FEB-2011 19:24:07	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	46694	No
218	GOM_NL__2PRFIN20110203_192753_000000583099_00128_46694_5670.N1	03-FEB-2011 19:27:53	Bright	57.500	127	27Bet Her	2.7810	4700.0	115	46694	No
219	GOM_NL__2PRFIN20110203_193133_000000433099_00128_46694_5671.N1	03-FEB-2011 19:31:33	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	46694	No

220	GOM_NL__2PRFIN20110203_193809_000000433099_00128_46694_5672.N1	03-FEB-2011 19:38:09	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	46694	No
221	GOM_NL__2PRFIN20110203_194235_000000593099_00128_46694_5673.N1	03-FEB-2011 19:42:35	Dark	59.000	16	21Alp Sco	1.0200	3000.0	118	46694	No
222	GOM_NL__2PRFIN20110203_194407_000000493099_00128_46694_5674.N1	03-FEB-2011 19:44:07	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46694	No
223	GOM_NL__2PRFIN20110203_194825_000000463099_00128_46694_5675.N1	03-FEB-2011 19:48:25	Dark	45.500	131	Gam Lup	2.8000	26000.	91	46694	No
224	GOM_NL__2PRFIN20110203_195043_000000483099_00129_46695_5753.N1	03-FEB-2011 19:50:43	Dark	47.500	109	Bet Lup	2.6770	26000.	95	46695	No
225	GOM_NL__2PRFIN20110203_195324_000000463099_00129_46695_5754.N1	03-FEB-2011 19:53:24	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	46695	No
226	GOM_NL__2PRFIN20110203_195437_000000433099_00129_46695_5755.N1	03-FEB-2011 19:54:37	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46695	No
227	GOM_NL__2PRFIN20110203_195757_000000523099_00129_46695_5756.N1	03-FEB-2011 19:57:57	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	46695	No
228	GOM_NL__2PRFIN20110203_200342_000000453099_00129_46695_5757.N1	03-FEB-2011 20:03:42	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46695	No
229	GOM_NL__2PRFIN20110203_200756_000000533099_00129_46695_5758.N1	03-FEB-2011 20:07:56	Straylight	53.000	65	Lam Vel	2.2040	4400.0	106	46695	No
230	GOM_NL__2PRFIN20110203_201838_000000613099_00129_46695_5759.N1	03-FEB-2011 20:18:38	Straylight	60.500	48	30Alp Hya	1.9770	4100.0	121	46695	No
231	GOM_NL__2PRFIN20110203_202925_000000413099_00129_46695_5760.N1	03-FEB-2011 20:29:25	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46695	No
232	GOM_NL__2PRFIN20110203_204348_000000473099_00129_46695_5761.N1	03-FEB-2011 20:43:48	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46695	No
233	GOM_NL__2PRFIN20110203_204933_000000413099_00129_46695_5762.N1	03-FEB-2011 20:49:33	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46695	No
234	GOM_NL__2PRFIN20110203_205418_000000423099_00129_46695_5763.N1	03-FEB-2011 20:54:18	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	46695	No
235	GOM_NL__2PRFIN20110203_205736_000000363099_00129_46695_5764.N1	03-FEB-2011 20:57:36	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	46695	No
236	GOM_NL__2PRFIN20110203_210421_000000653099_00129_46695_5765.N1	03-FEB-2011 21:04:21	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	46695	No
237	GOM_NL__2PRFIN20110203_210807_000000703099_00129_46695_5766.N1	03-FEB-2011 21:08:07	Bright	70.000	127	27Bet Her	2.7810	4700.0	140	46695	No
238	GOM_NL__2PRFIN20110203_211147_000000563099_00129_46695_5767.N1	03-FEB-2011 21:11:47	Bright	55.500	126	60Bet Oph	2.7700	4250.0	111	46695	No
239	GOM_NL__2PRFIN20110203_211823_000000473099_00129_46695_5768.N1	03-FEB-2011 21:18:23	Twilight	46.500	86	35Eta Oph	2.4300	10200.	93	46695	No
240	GOM_NL__2PRFIN20110203_212250_000000623099_00129_46695_5769.N1	03-FEB-2011 21:22:50	Dark	62.000	16	21Alp Sco	1.0200	3000.0	124	46695	No
241	GOM_NL__2PRFIN20110203_212422_000000473099_00129_46695_5770.N1	03-FEB-2011 21:24:22	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46695	No
242	GOM_NL__2PRFIN20110203_212840_000000443099_00129_46695_5771.N1	03-FEB-2011 21:28:40	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46695	No
243	GOM_NL__2PRFIN20110203_213058_000000453099_00130_46696_5763.N1	03-FEB-2011 21:30:58	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46696	No
244	GOM_NL__2PRFIN20110203_213338_000000433099_00130_46696_5764.N1	03-FEB-2011 21:33:38	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46696	No
245	GOM_NL__2PRFIN20110203_213452_000000423099_00130_46696_5765.N1	03-FEB-2011 21:34:52	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46696	No
246	GOM_NL__2PRFIN20110203_213812_000000443099_00130_46696_5766.N1	03-FEB-2011 21:38:12	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46696	No
247	GOM_NL__2PRFIN20110203_214357_000000503099_00130_46696_5767.N1	03-FEB-2011 21:43:57	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46696	No
248	GOM_NL__2PRFIN20110203_214810_000000463099_00130_46696_5768.N1	03-FEB-2011 21:48:10	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	46696	No
249	GOM_NL__2PRFIN20110203_215852_000000593099_00130_46696_5769.N1	03-FEB-2011 21:58:52	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46696	No
250	GOM_NL__2PRFIN20110203_220938_000000393099_00130_46696_5770.N1	03-FEB-2011 22:09:38	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	46696	No
251	GOM_NL__2PRFIN20110203_222401_000000453099_00130_46696_5771.N1	03-FEB-2011 22:24:01	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	46696	No
252	GOM_NL__2PRFIN20110203_222947_000000403099_00130_46696_5772.N1	03-FEB-2011 22:29:47	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46696	No
253	GOM_NL__2PRFIN20110203_223432_000000413099_00130_46696_5773.N1	03-FEB-2011 22:34:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46696	No
254	GOM_NL__2PRFIN20110203_223750_000000563099_00130_46696_5774.N1	03-FEB-2011 22:37:50	Bright	56.000	130	23Bet Dra	2.7990	5800.0	112	46696	No
255	GOM_NL__2PRFIN20110203_224435_000000653099_00130_46696_5775.N1	03-FEB-2011 22:44:35	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	46696	No
256	GOM_NL__2PRFIN20110203_224821_000000703099_00130_46696_5776.N1	03-FEB-2011 22:48:21	Bright	70.000	127	27Bet Her	2.7810	4700.0	140	46696	No
257	GOM_NL__2PRFIN20110203_225202_000000393099_00130_46696_5777.N1	03-FEB-2011 22:52:02	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	46696	No
258	GOM_NL__2PRFIN20110203_225838_000000453099_00130_46696_5778.N1	03-FEB-2011 22:58:38	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	46696	No
259	GOM_NL__2PRFIN20110203_230304_000000533099_00130_46696_5779.N1	03-FEB-2011 23:03:04	Dark	52.500	16	21Alp Sco	1.0200	3000.0	105	46696	No
260	GOM_NL__2PRFIN20110203_230437_000000473099_00130_46696_5780.N1	03-FEB-2011 23:04:37	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46696	No
261	GOM_NL__2PRFIN20110203_230855_000000433099_00130_46696_5781.N1	03-FEB-2011 23:08:55	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46696	No
262	GOM_NL__2PRFIN20110203_231113_000000453099_00131_46697_5811.N1	03-FEB-2011 23:11:13	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46697	No
263	GOM_NL__2PRFIN20110203_231353_000000503099_00131_46697_5812.N1	03-FEB-2011 23:13:53	Dark	49.500	4	Alp1Cen	-0.010000	5800.0	99	46697	No
264	GOM_NL__2PRFIN20110203_231506_000000453099_00131_46697_5813.N1	03-FEB-2011 23:15:06	Dark	45.000	10	Bet Cen	0.61000	28000.	90	46697	No
265	GOM_NL__2PRFIN20110203_231826_000000433099_00131_46697_5814.N1	03-FEB-2011 23:18:26	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46697	No
266	GOM_NL__2PRFIN20110203_232411_000000483099_00131_46697_5815.N1	03-FEB-2011 23:24:11	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46697	No
267	GOM_NL__2PRFIN20110203_232824_000000443099_00131_46697_5816.N1	03-FEB-2011 23:28:24	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	46697	No
268	GOM_NL__2PRFIN20110203_233906_000000573099_00131_46697_5817.N1	03-FEB-2011 23:39:06	Straylight	56.500	48	30Alp Hya	1.9770	4100.0	113	46697	No
269	GOM_NL__2PRFIN20110203_234952_000000423099_00131_46697_5818.N1	03-FEB-2011 23:49:52	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	46697	No

3. Quality information per product

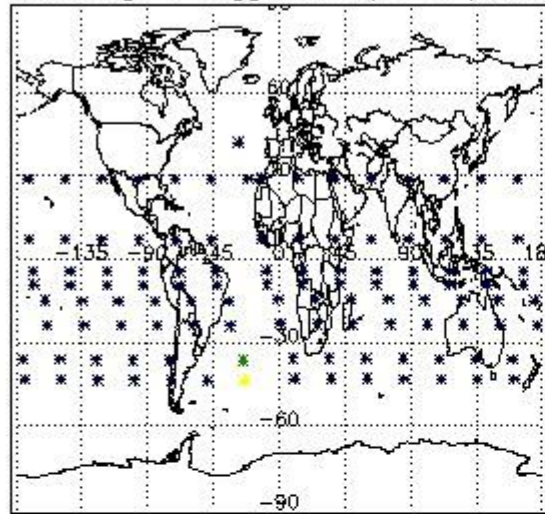
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

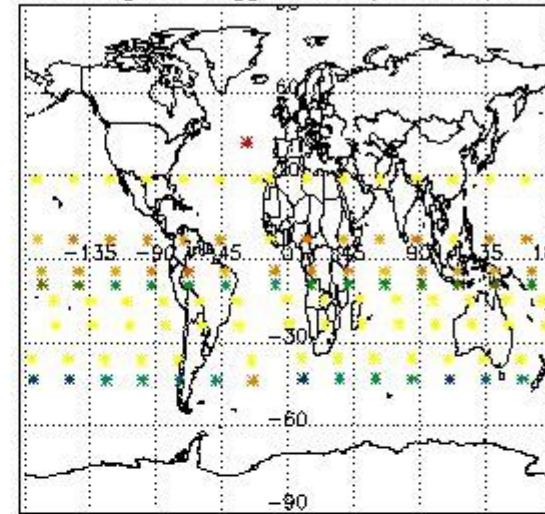


3.2 Plot quality information per product (world map)

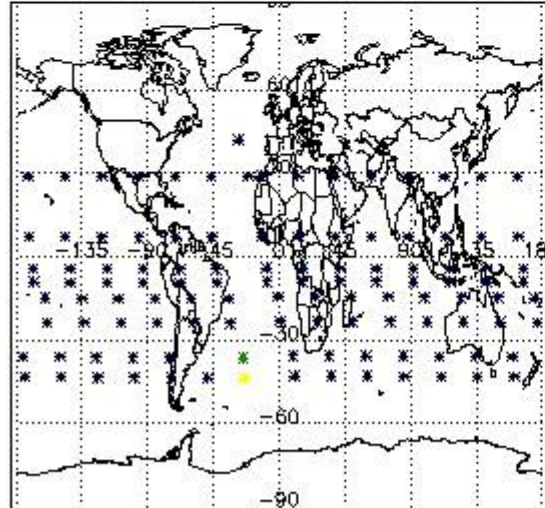
Percentage of flagged data per O3 profile



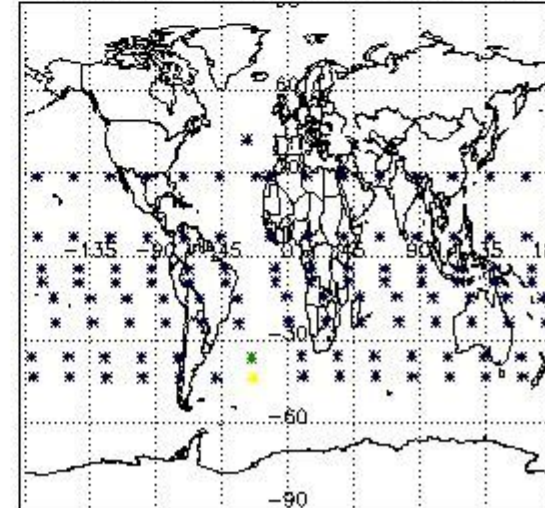
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

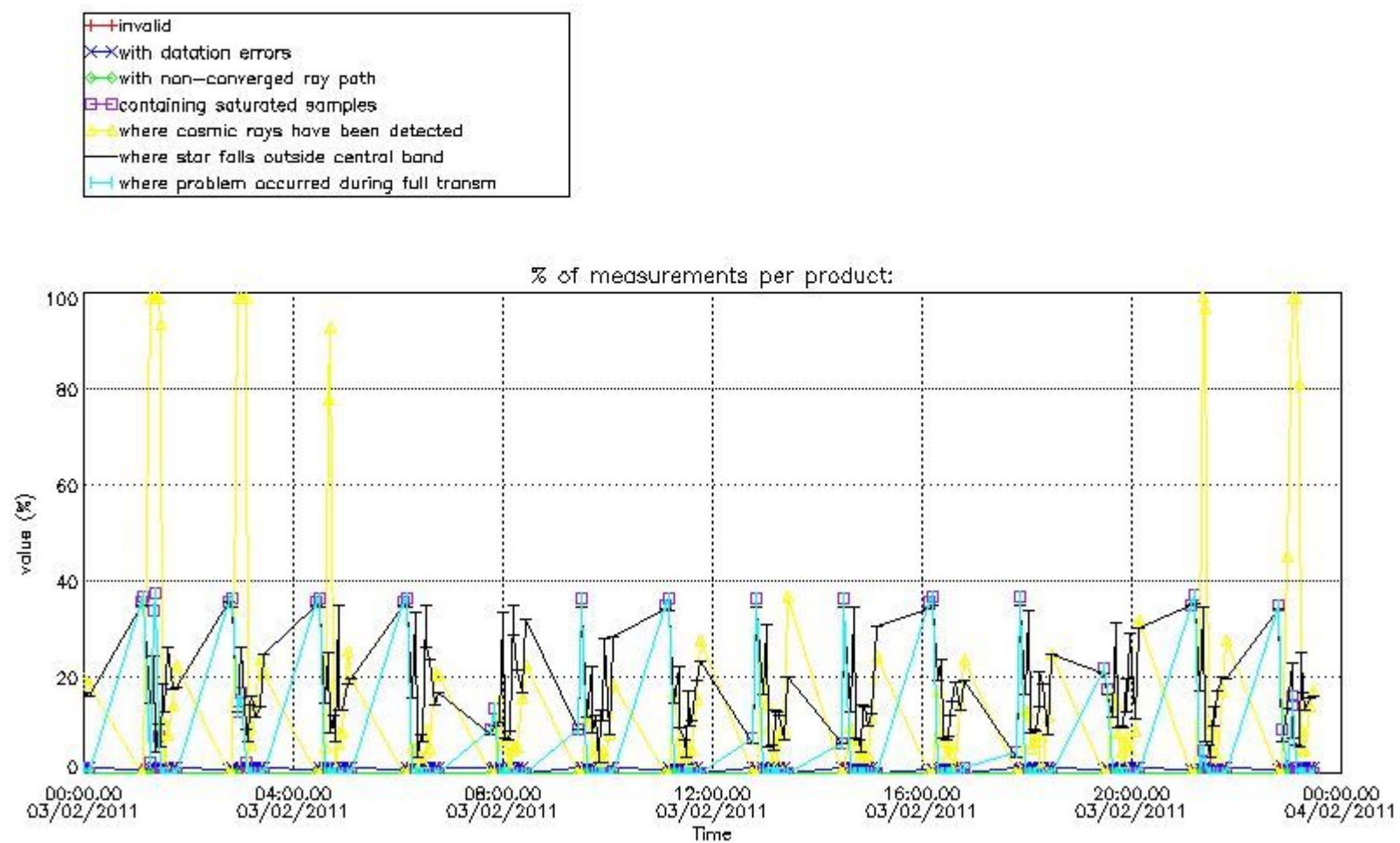


4. Level 1 quality information per product

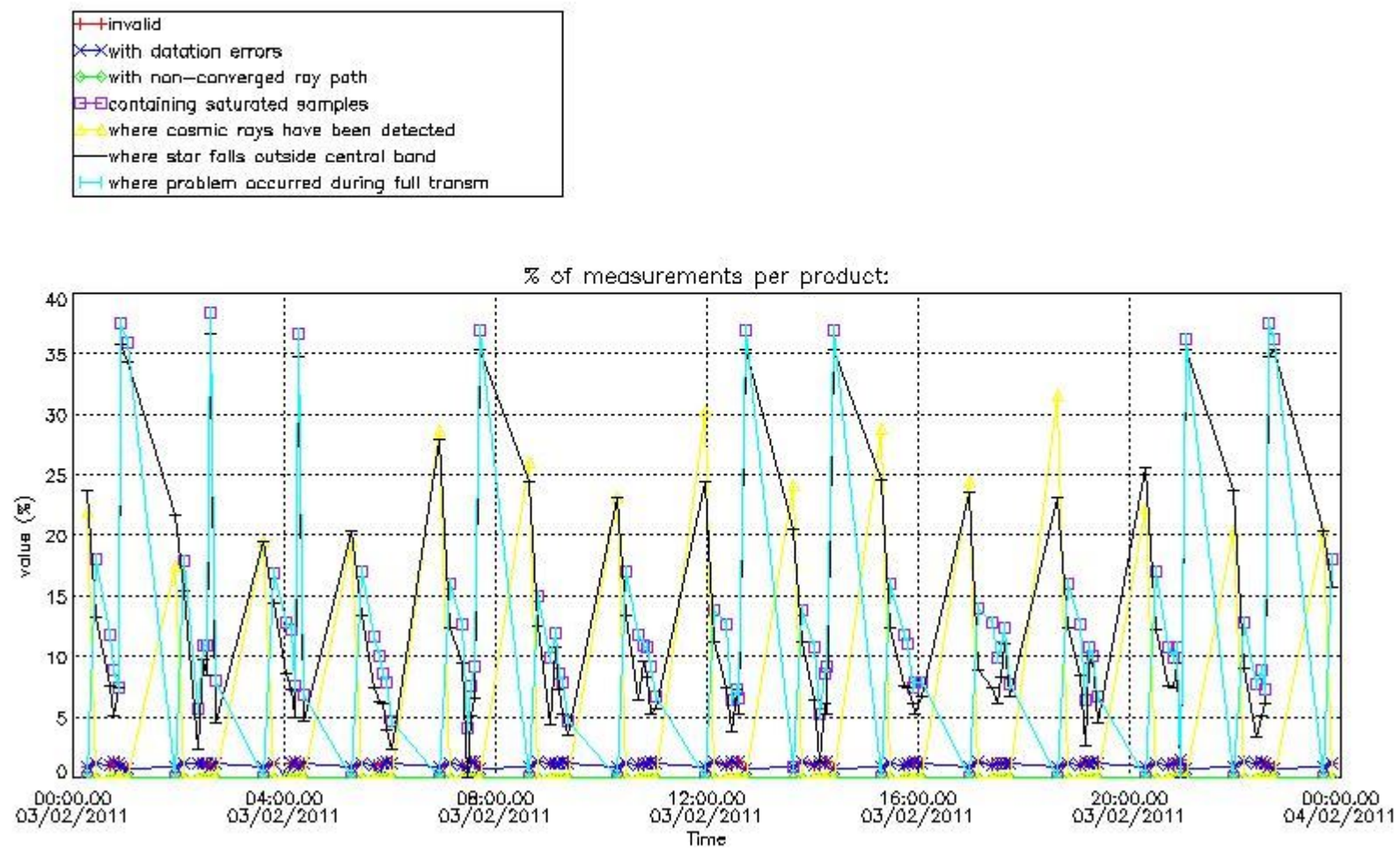
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

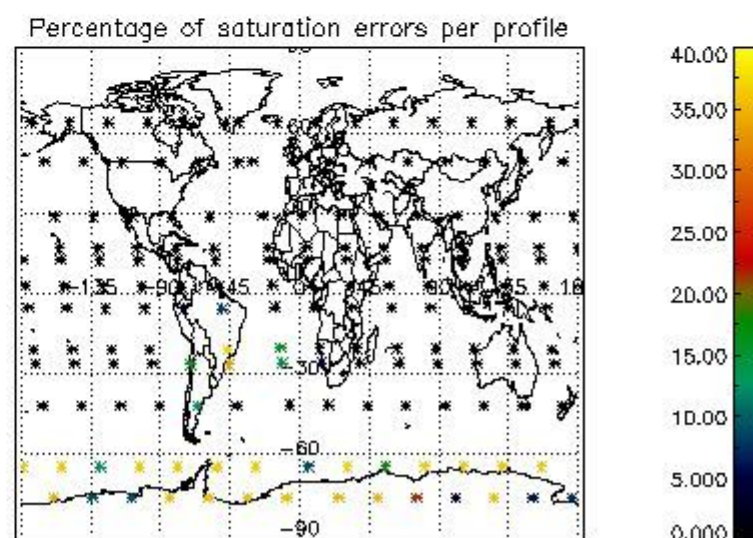
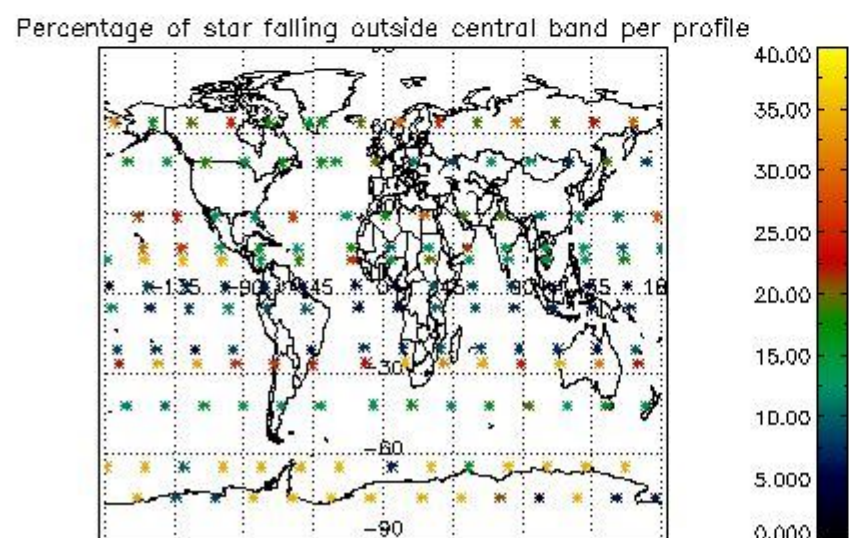
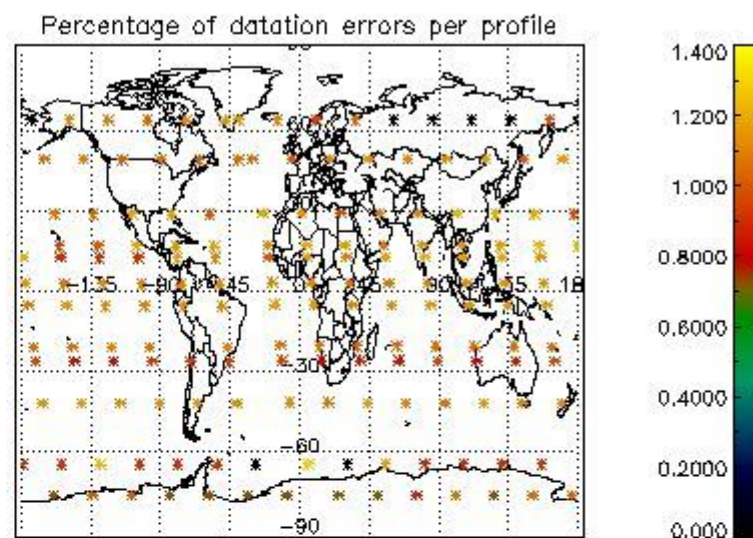
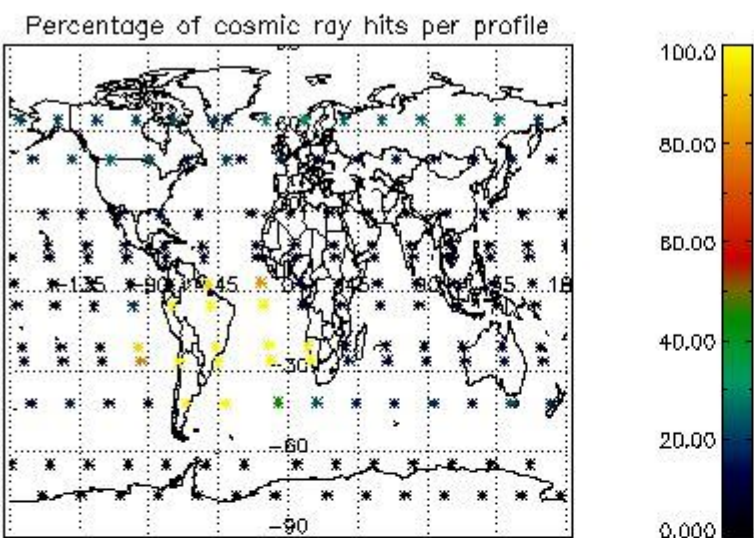


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

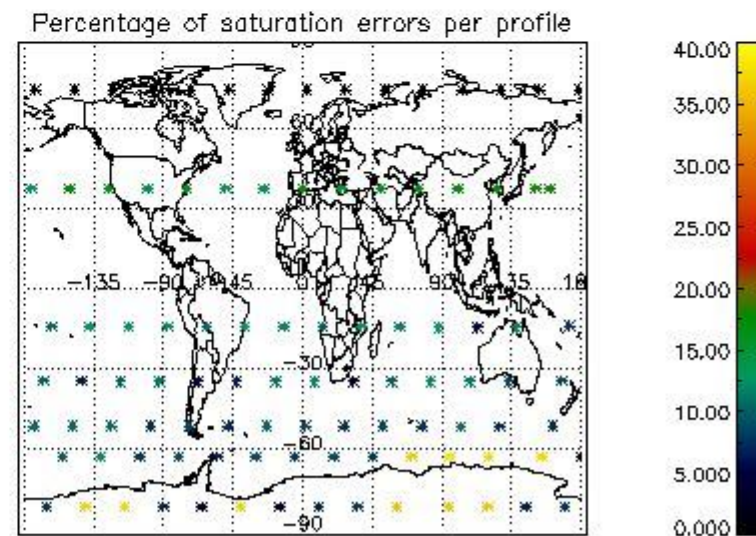
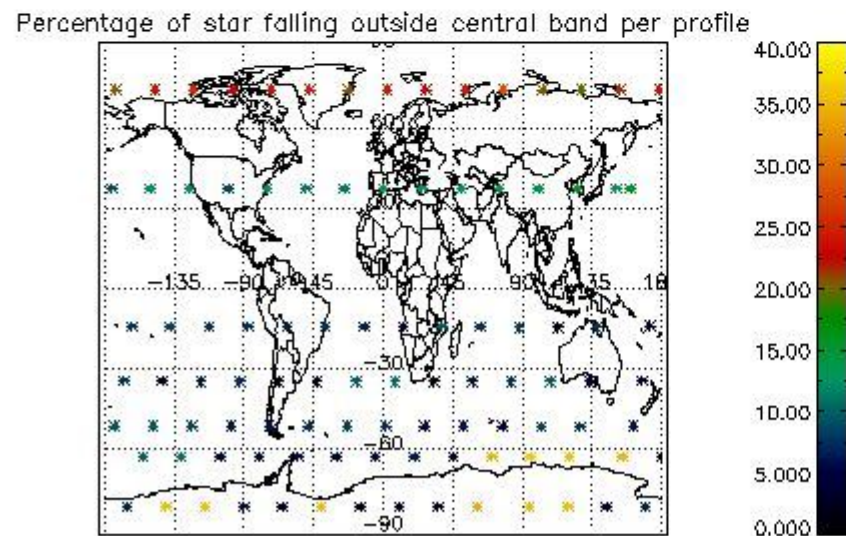
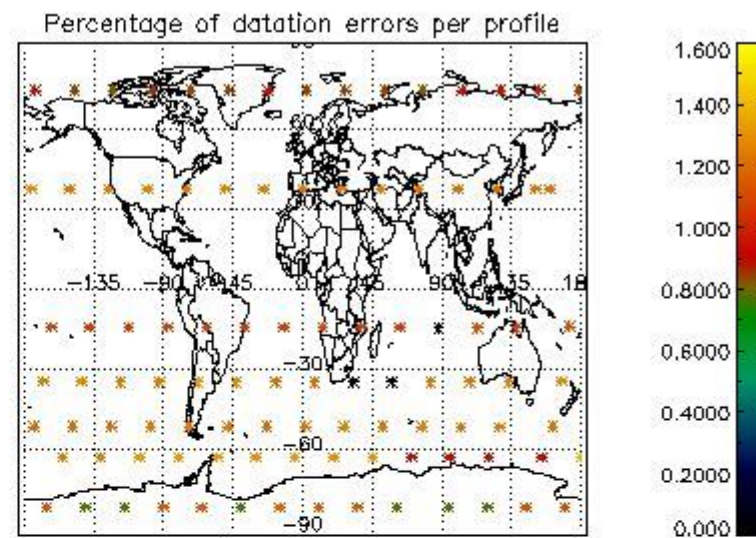
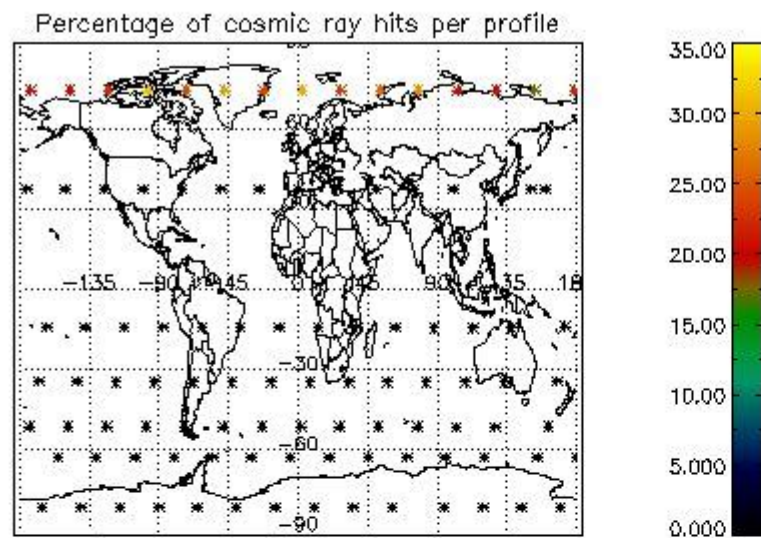


4.2 Plot quality information per product coming from level 1b processing (world map)

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

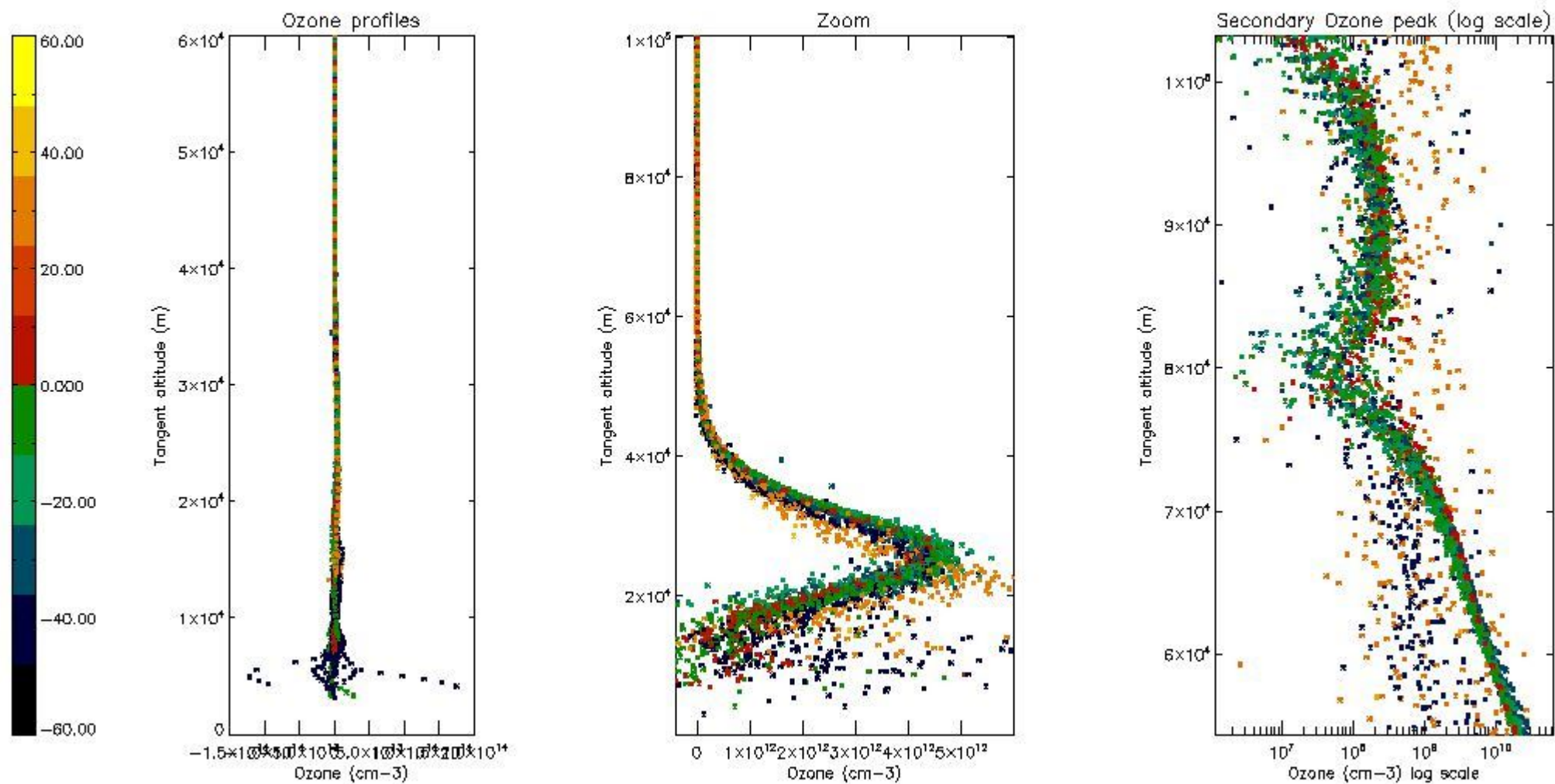
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	21

STD < 10	18
STD < 5	13

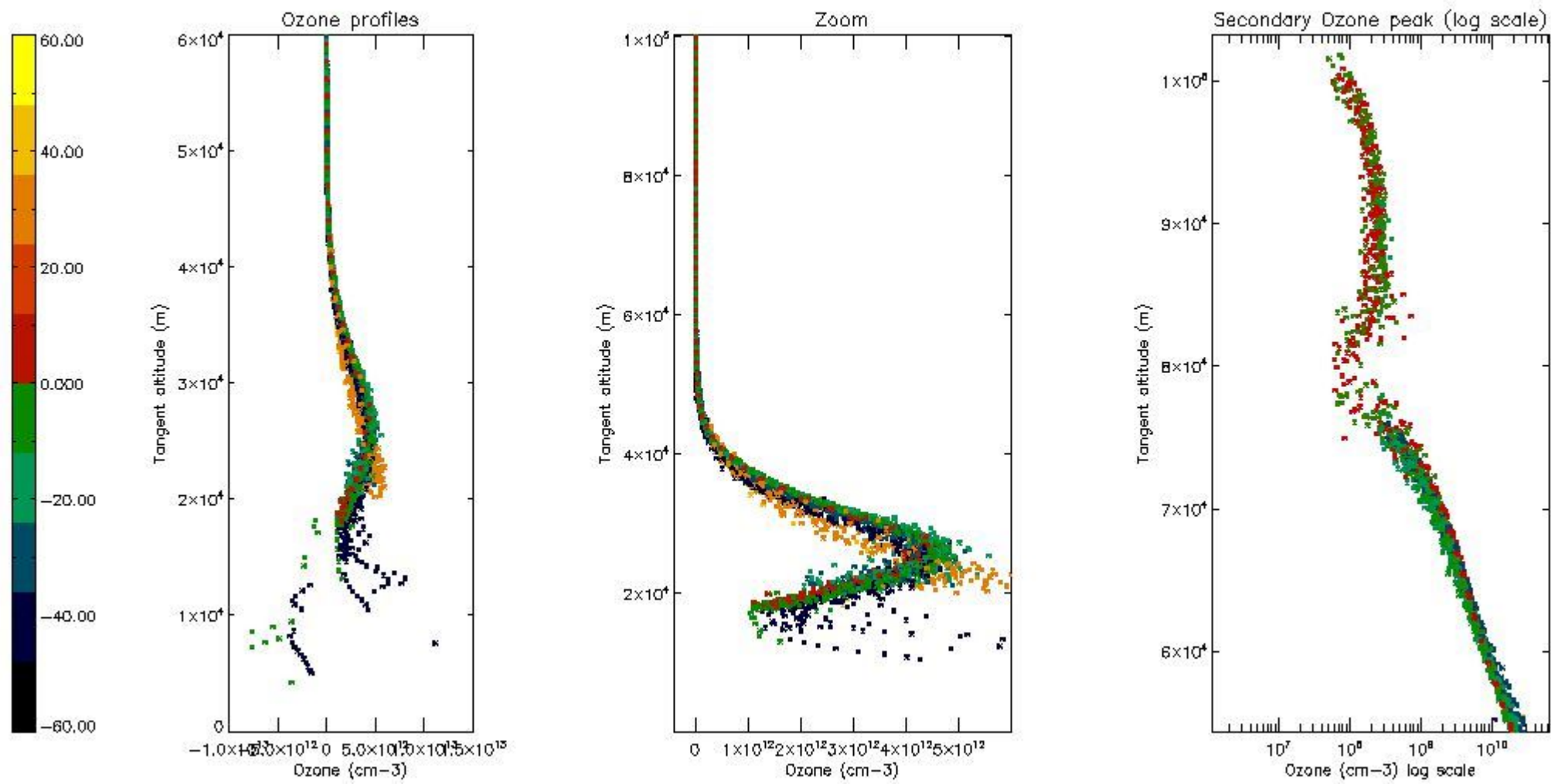
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



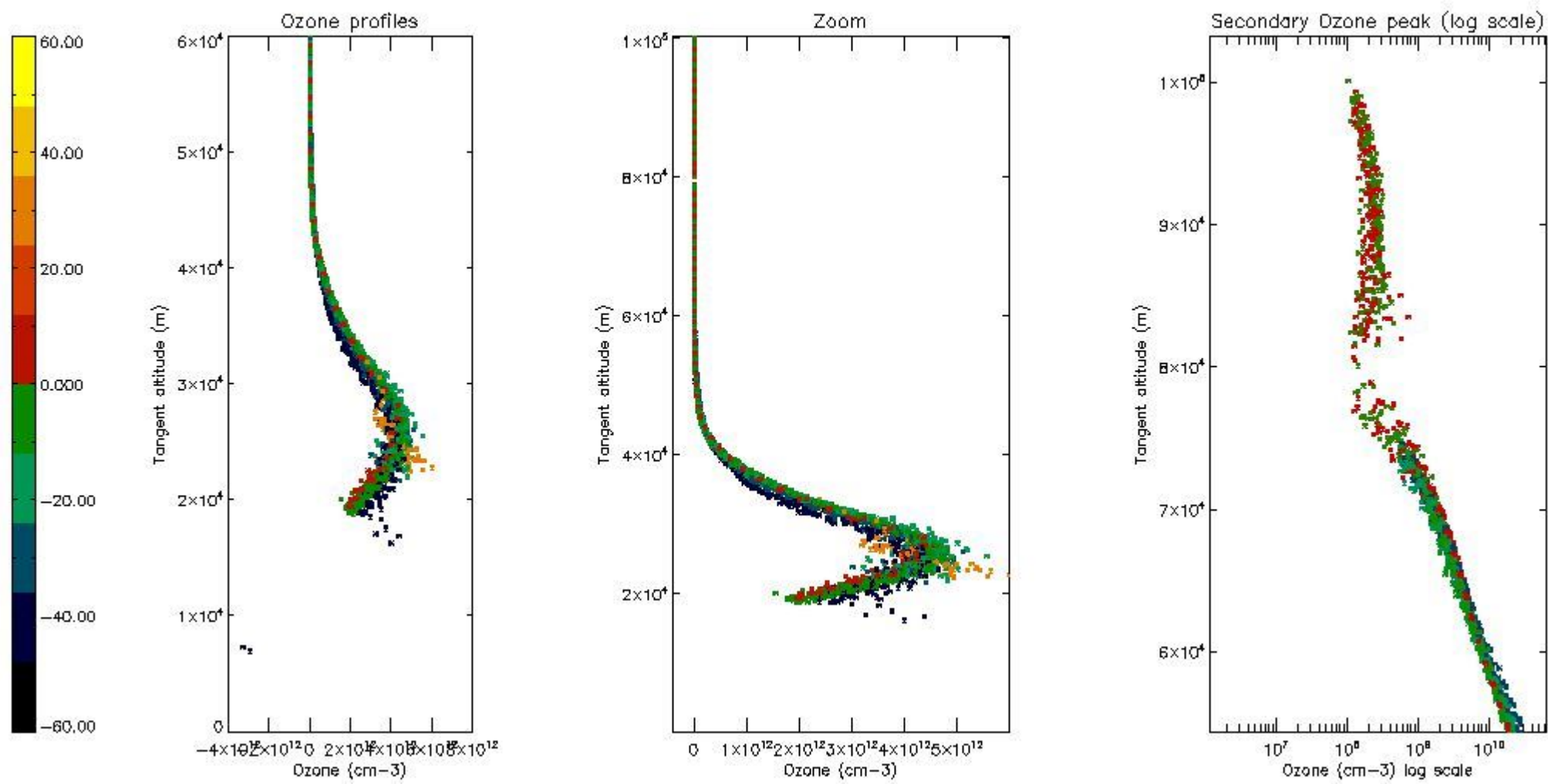
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



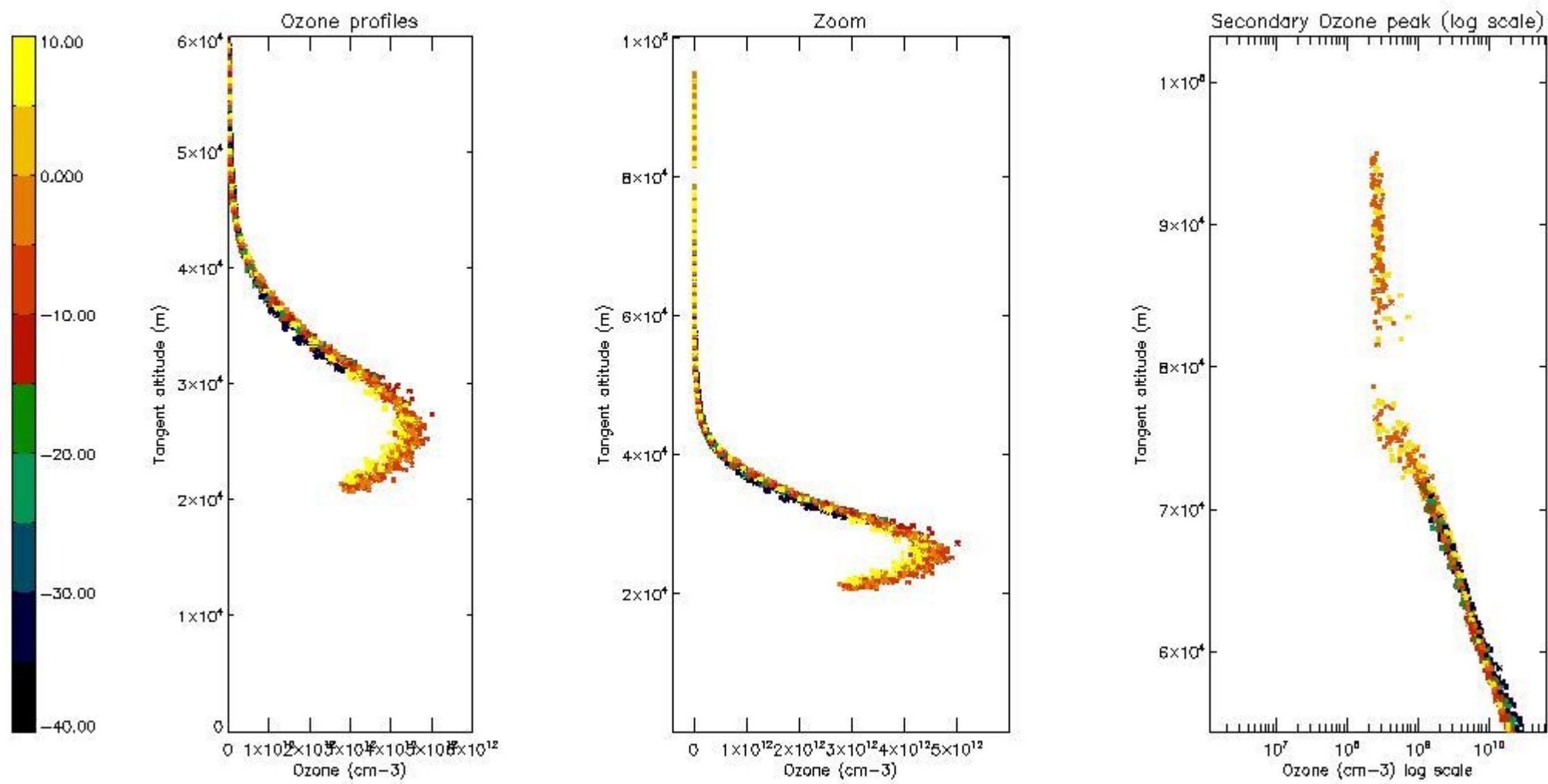
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



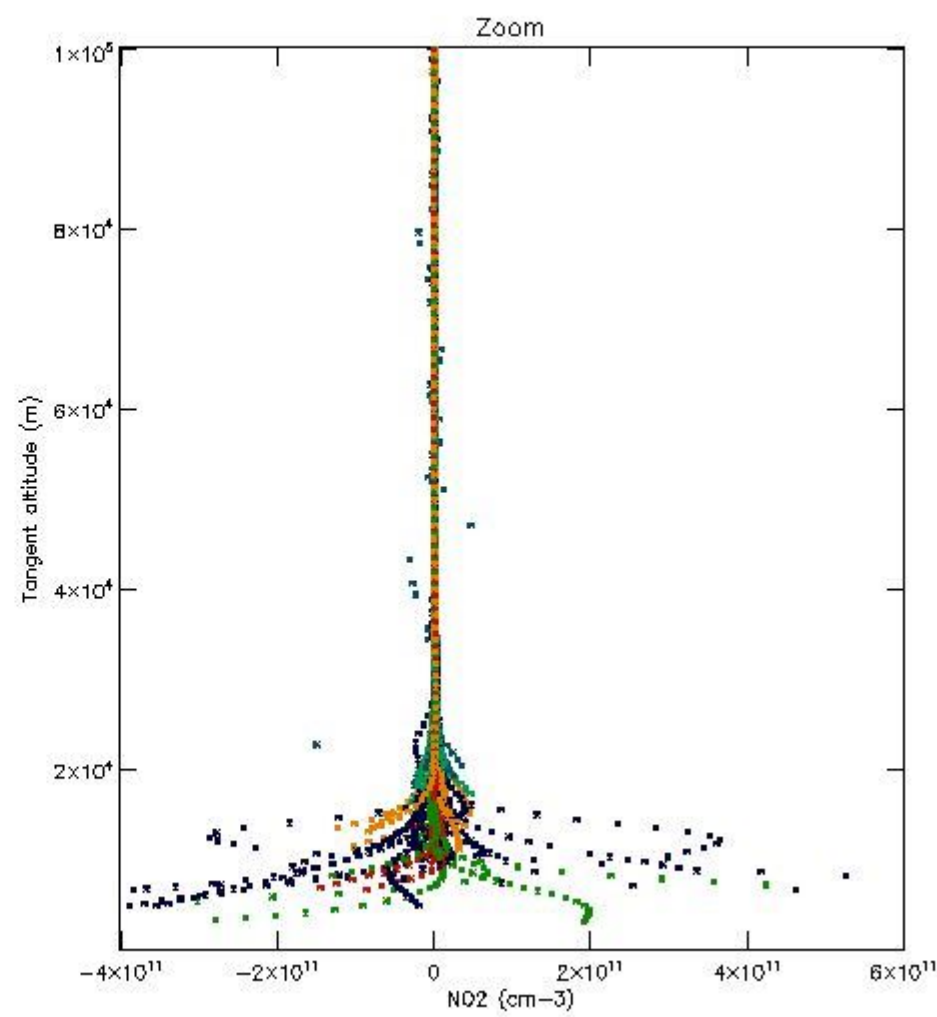
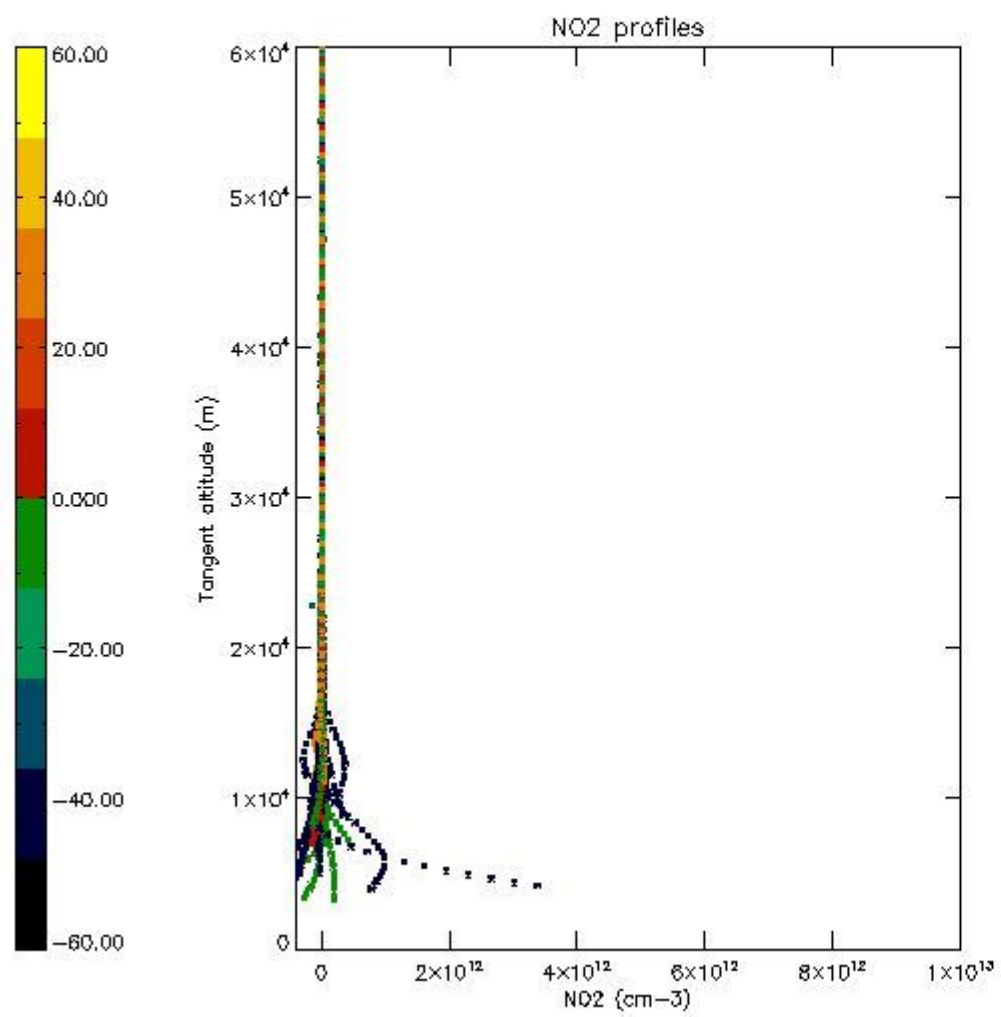
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



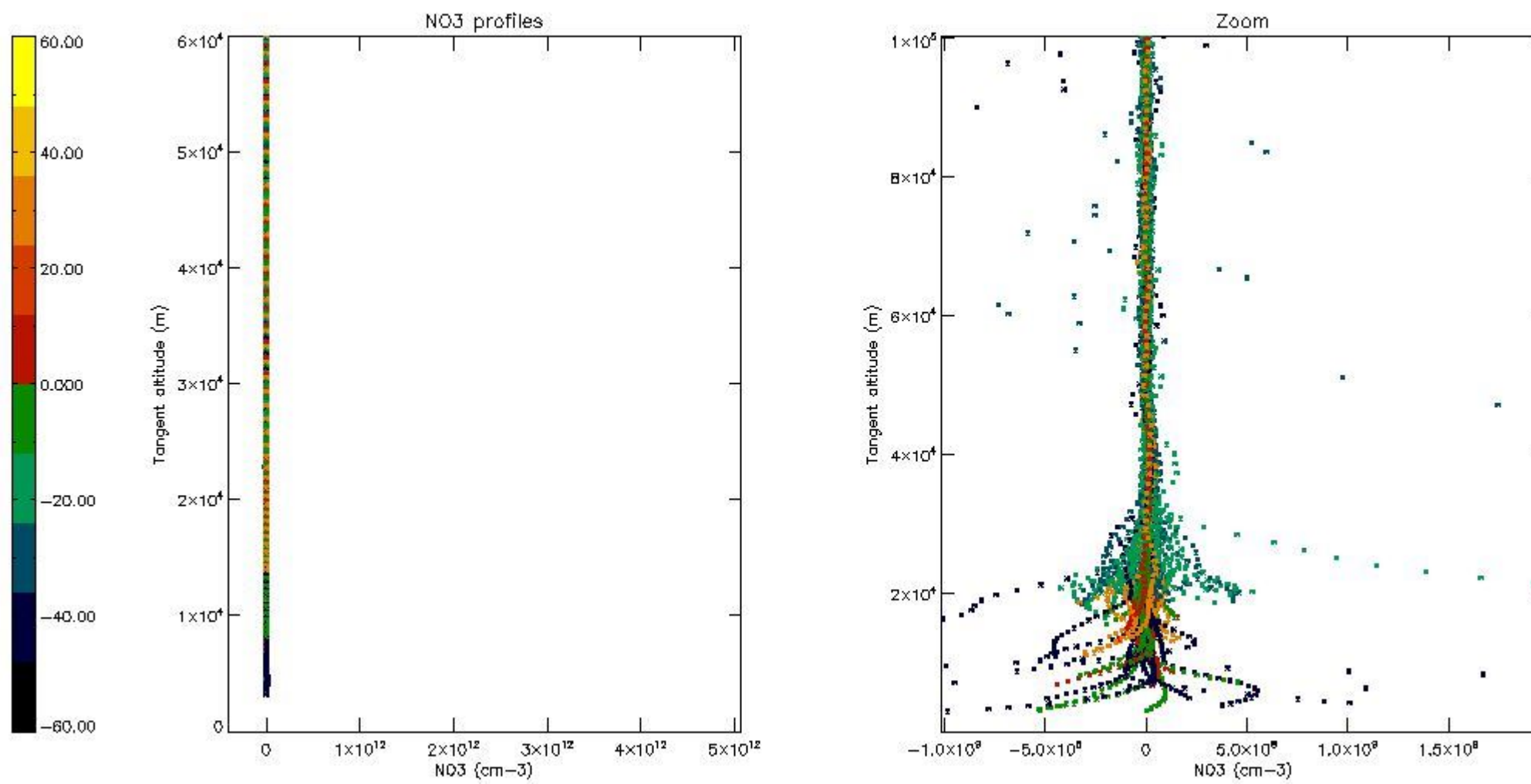
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



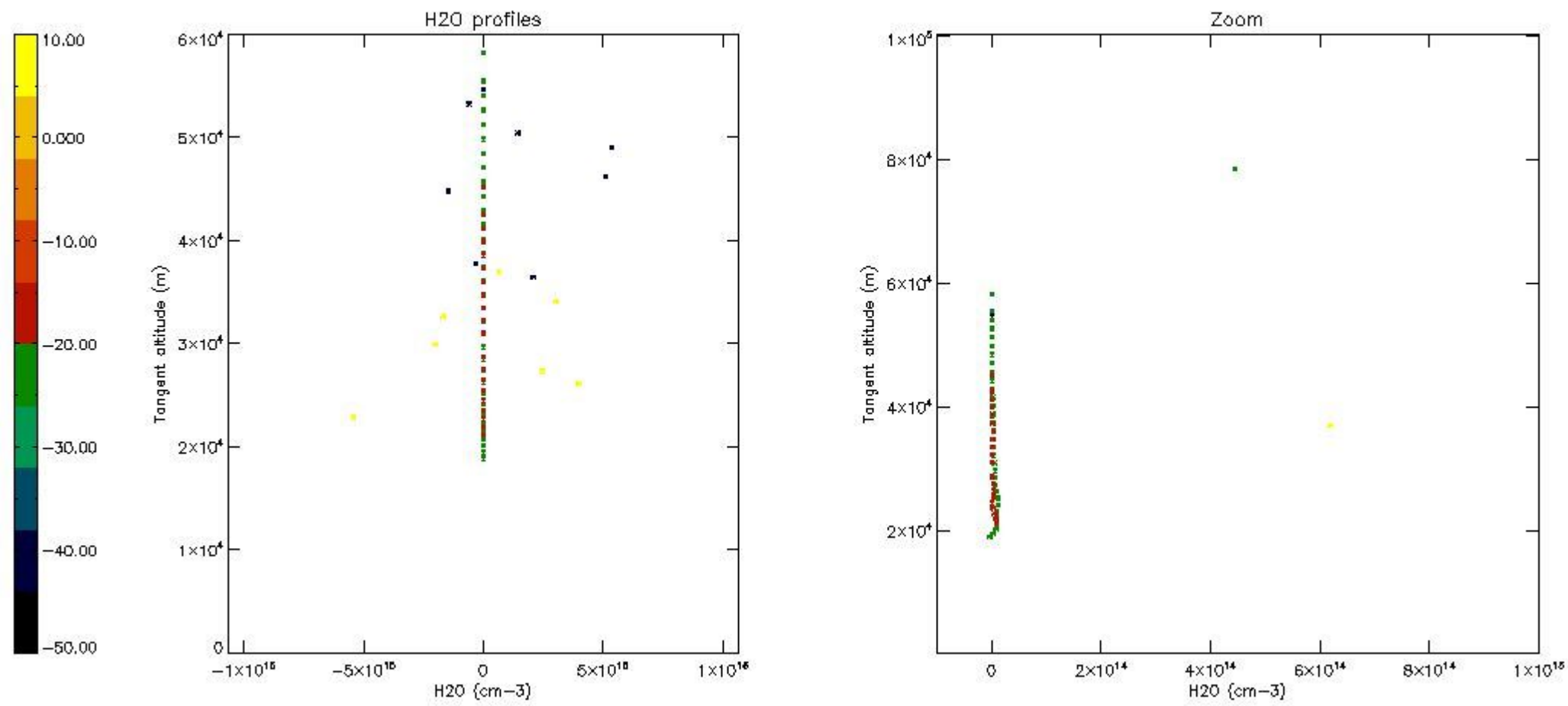
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

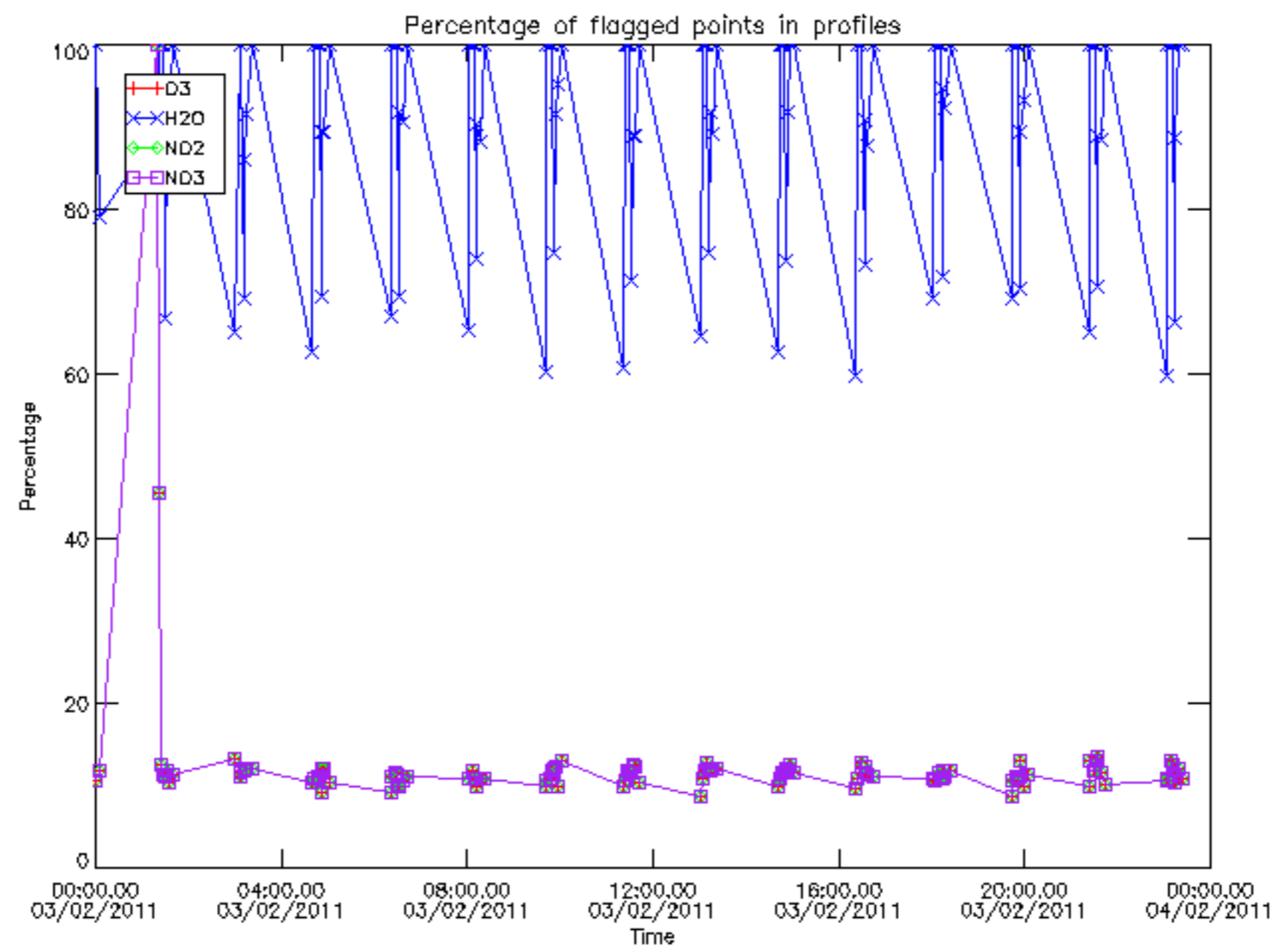
The colorbar represents the latitude.



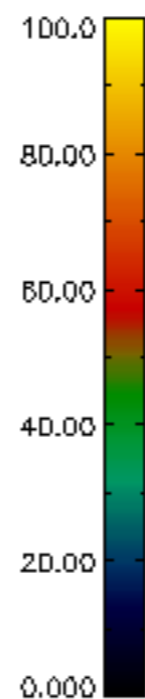
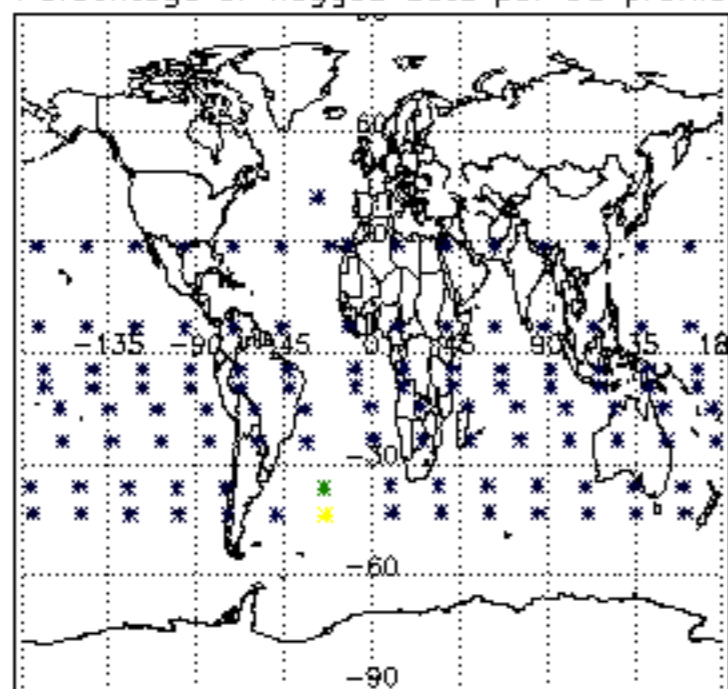
6. Auxiliary Data Files used for the production reported in section 2

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

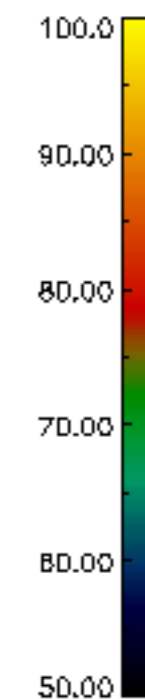
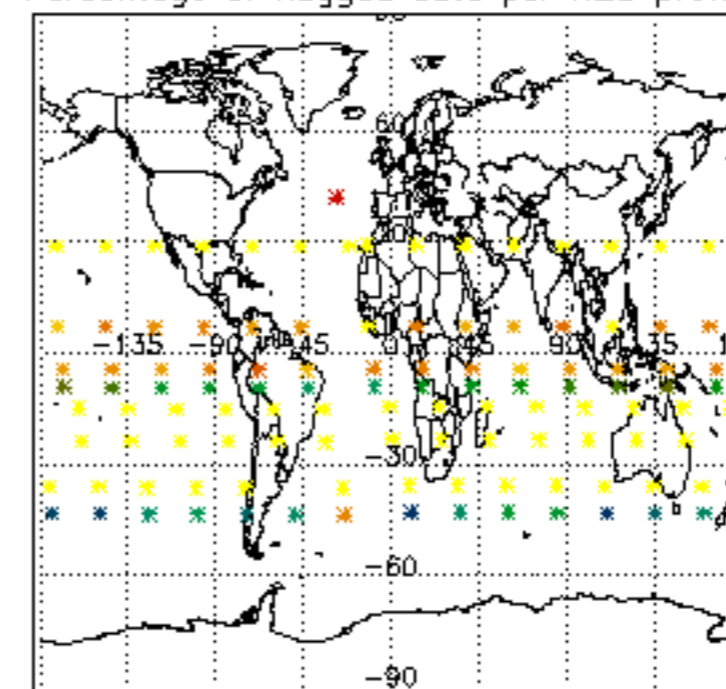
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-FEB-2011 00:00:47
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-FEB-2011 00:00:47
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-FEB-2011 00:00:47



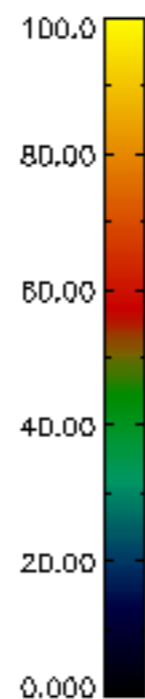
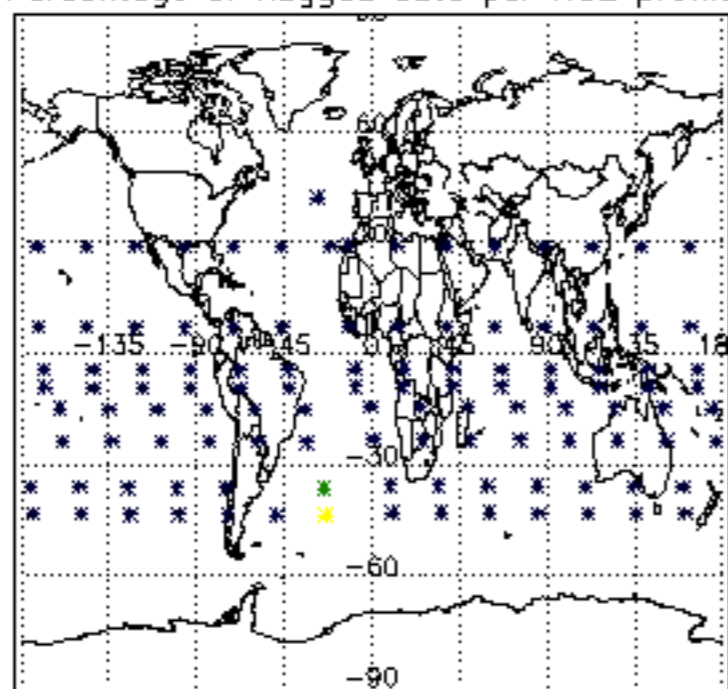
Percentage of flagged data per D3 profile



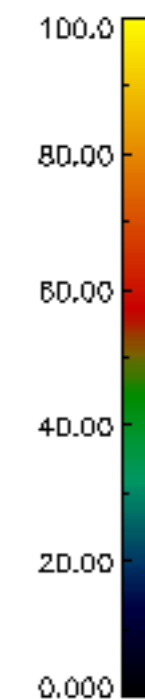
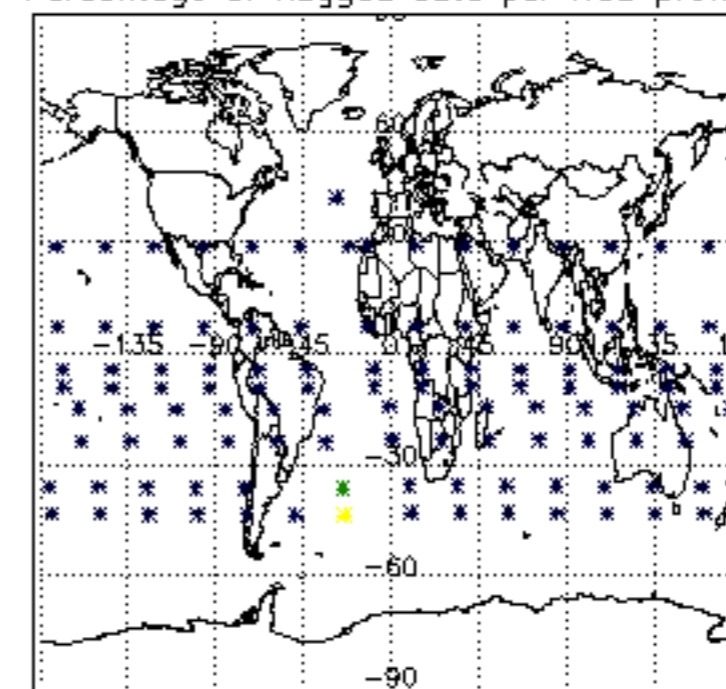
Percentage of flagged data per H2O profile

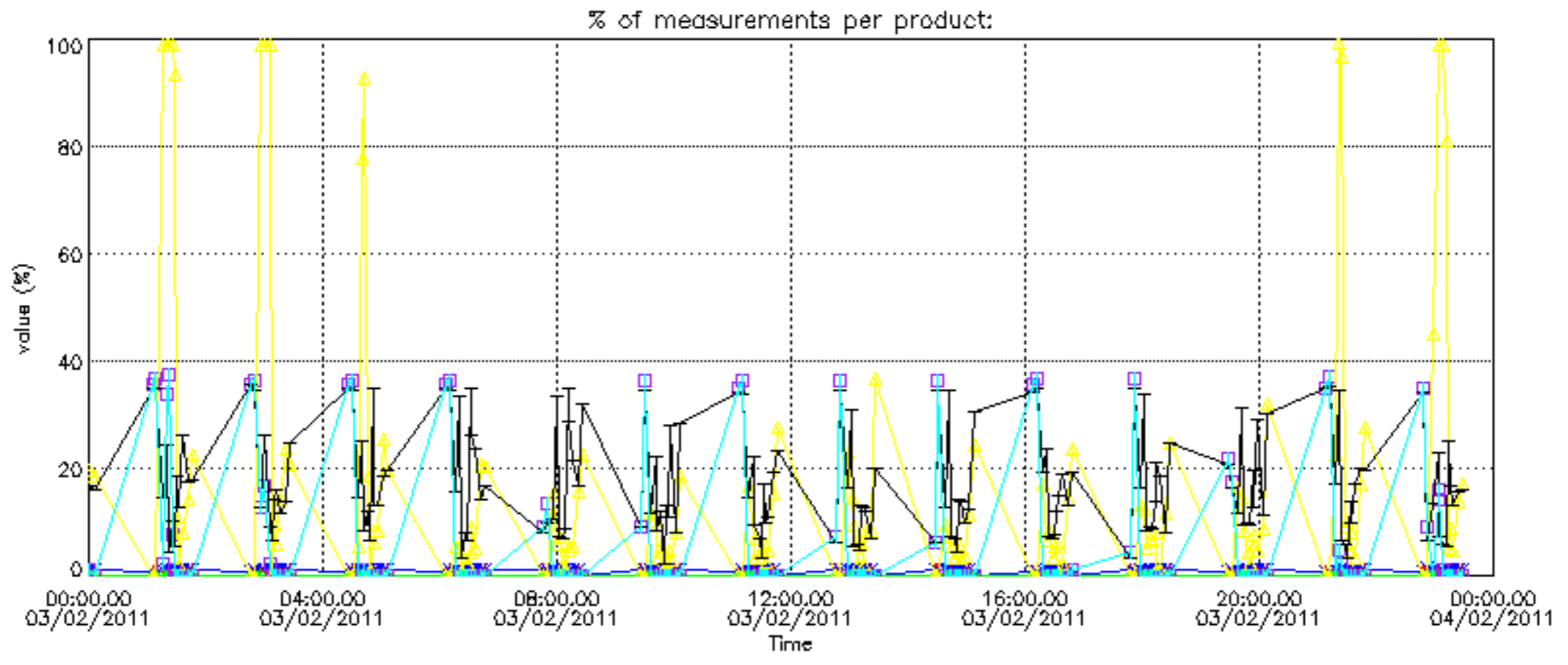


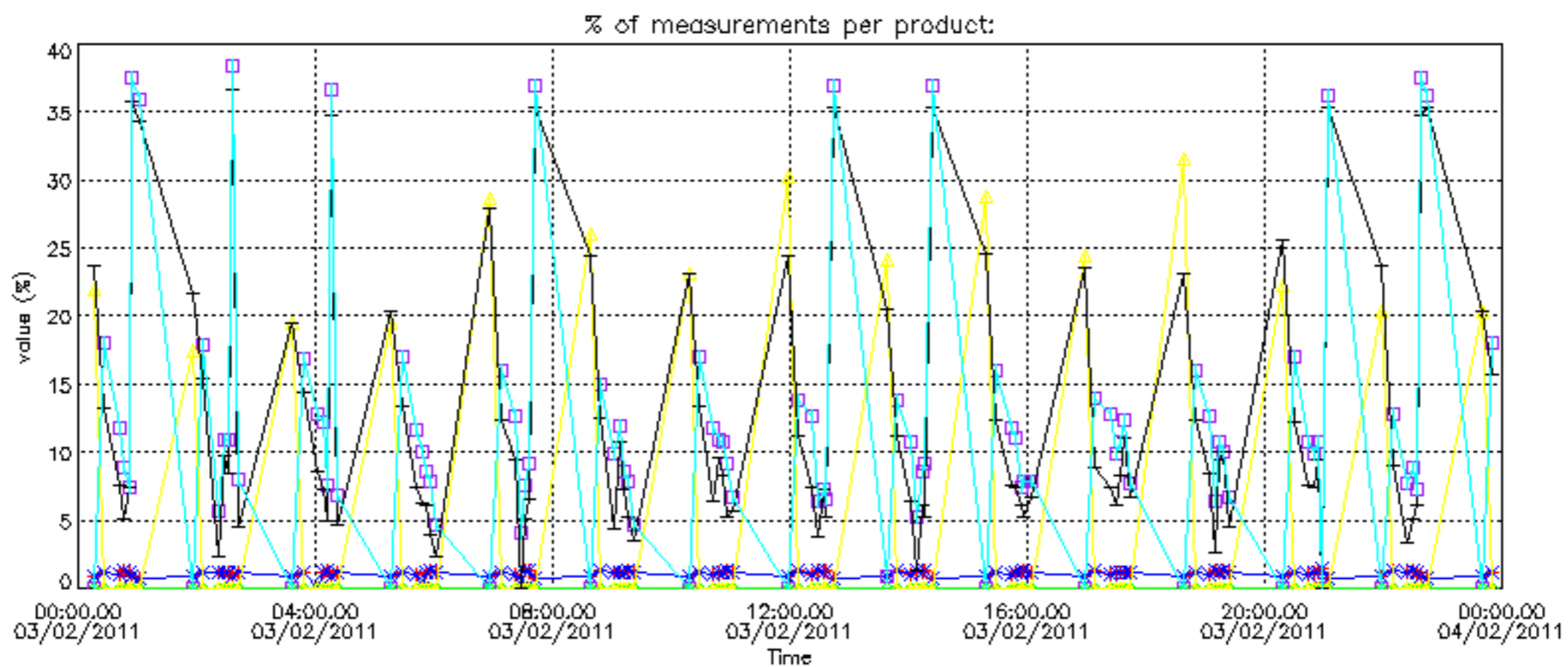
Percentage of flagged data per NO2 profile



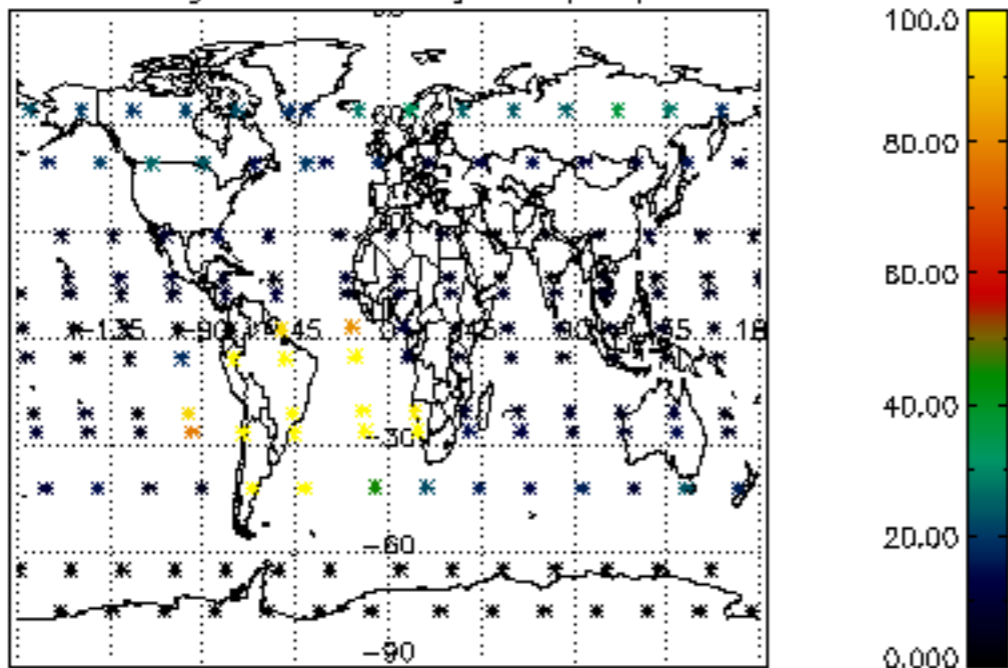
Percentage of flagged data per NO3 profile



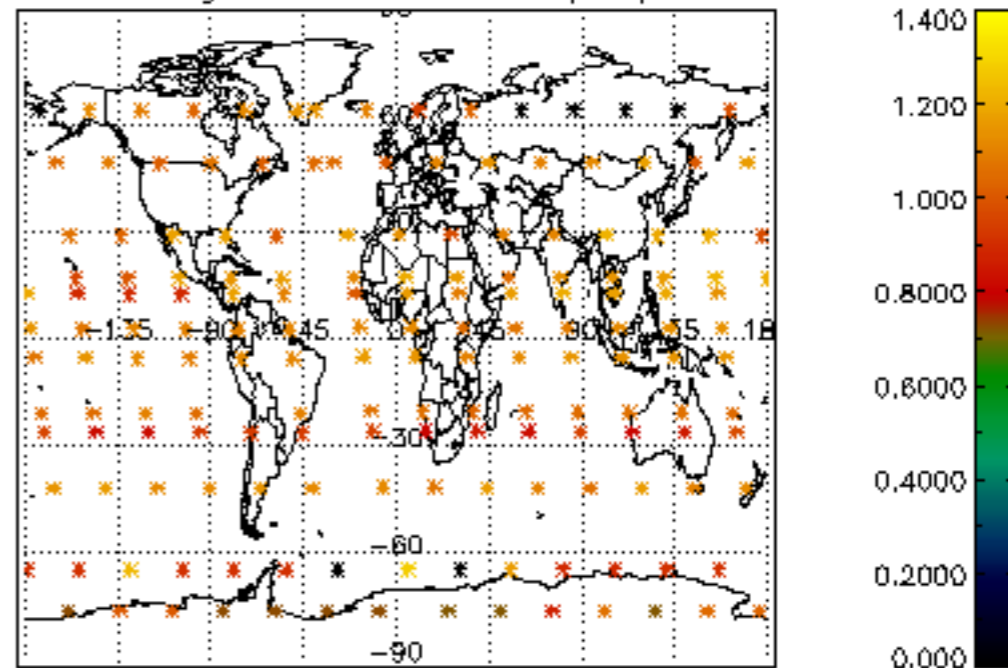




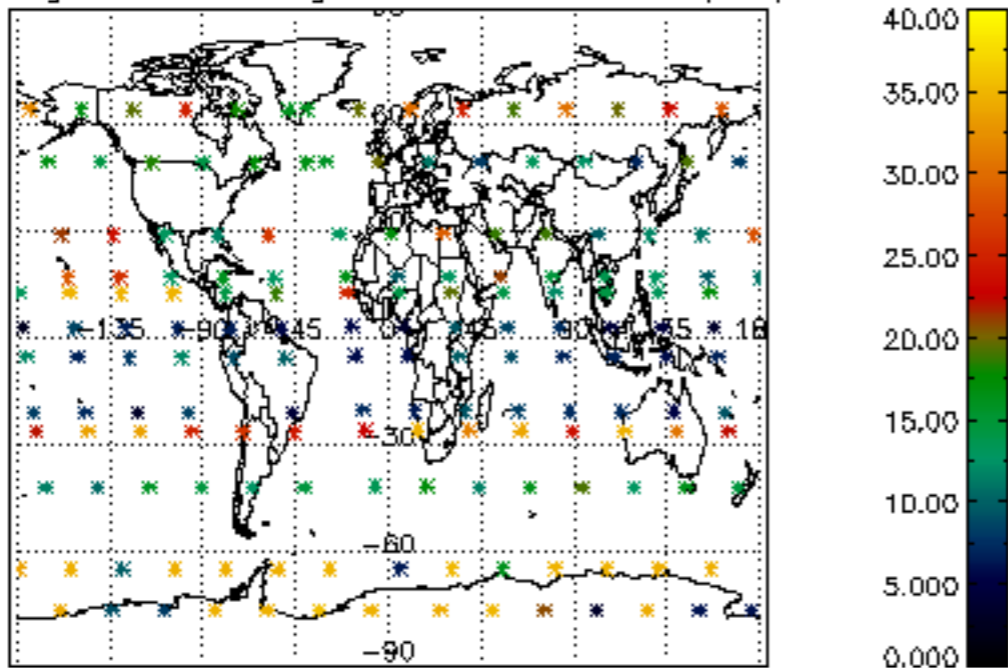
Percentage of cosmic ray hits per profile



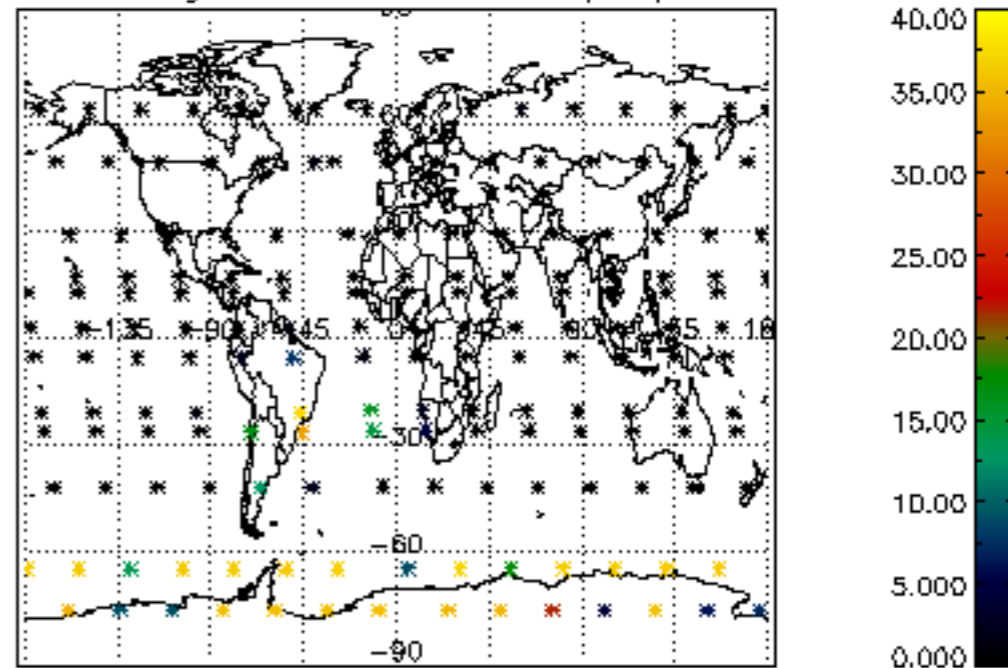
Percentage of datation errors per profile



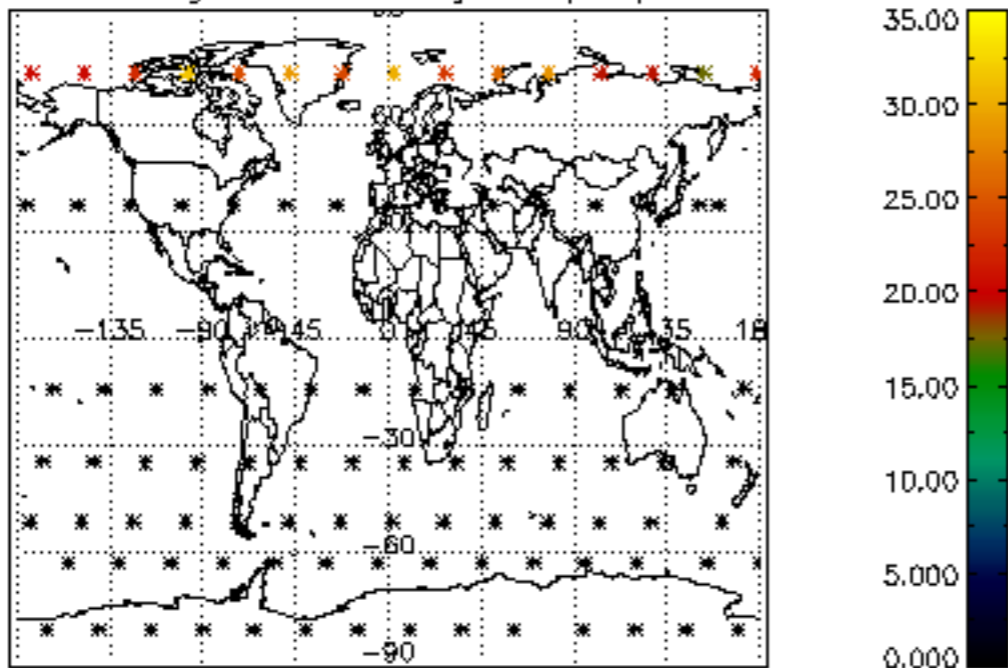
Percentage of star falling outside central band per profile



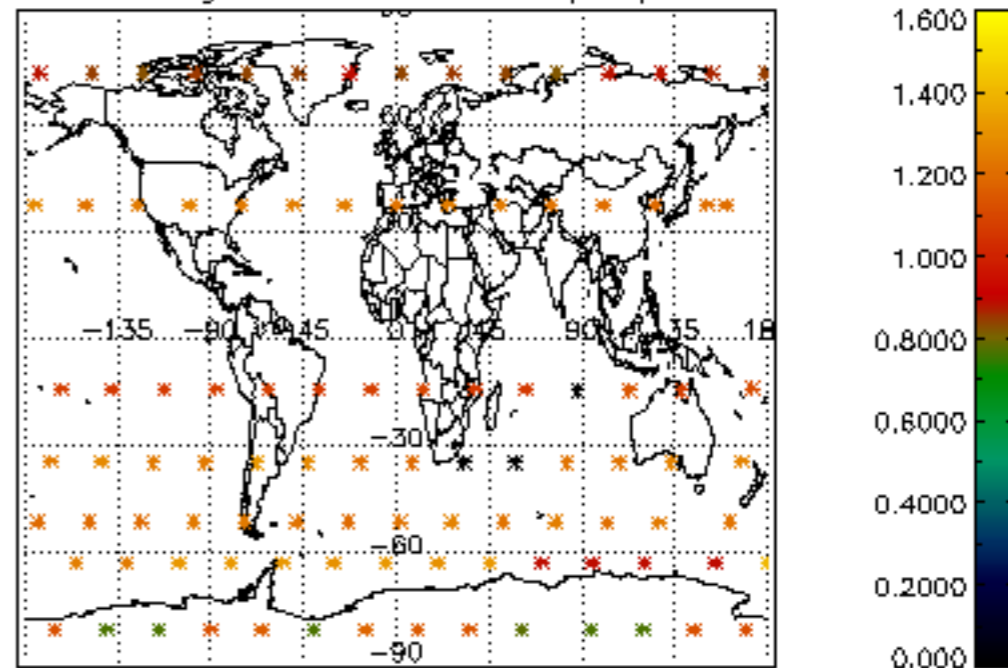
Percentage of saturation errors per profile



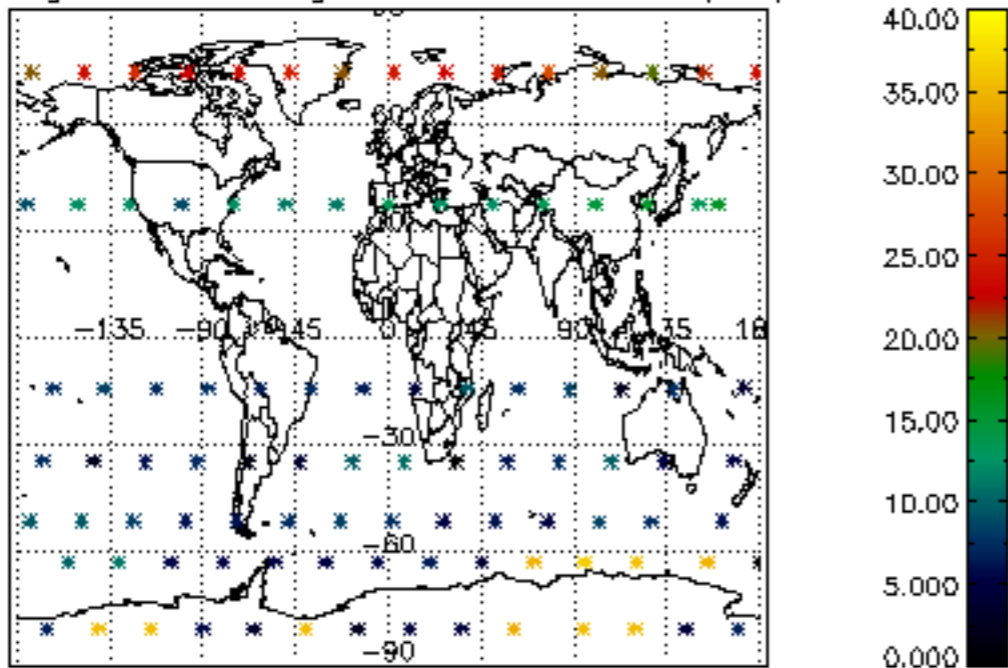
Percentage of cosmic ray hits per profile



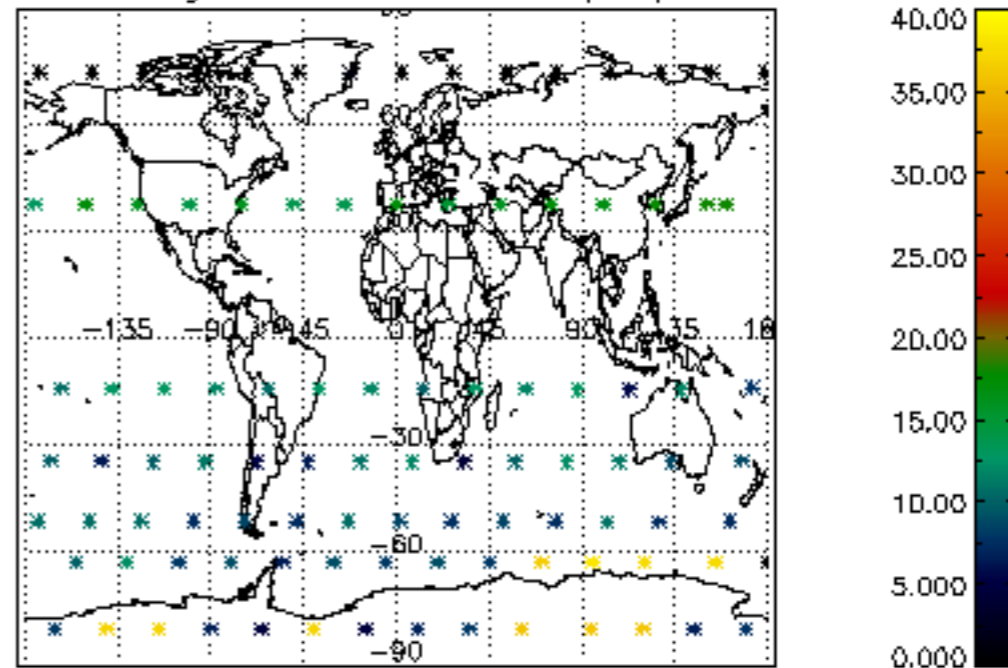
Percentage of datation errors per profile

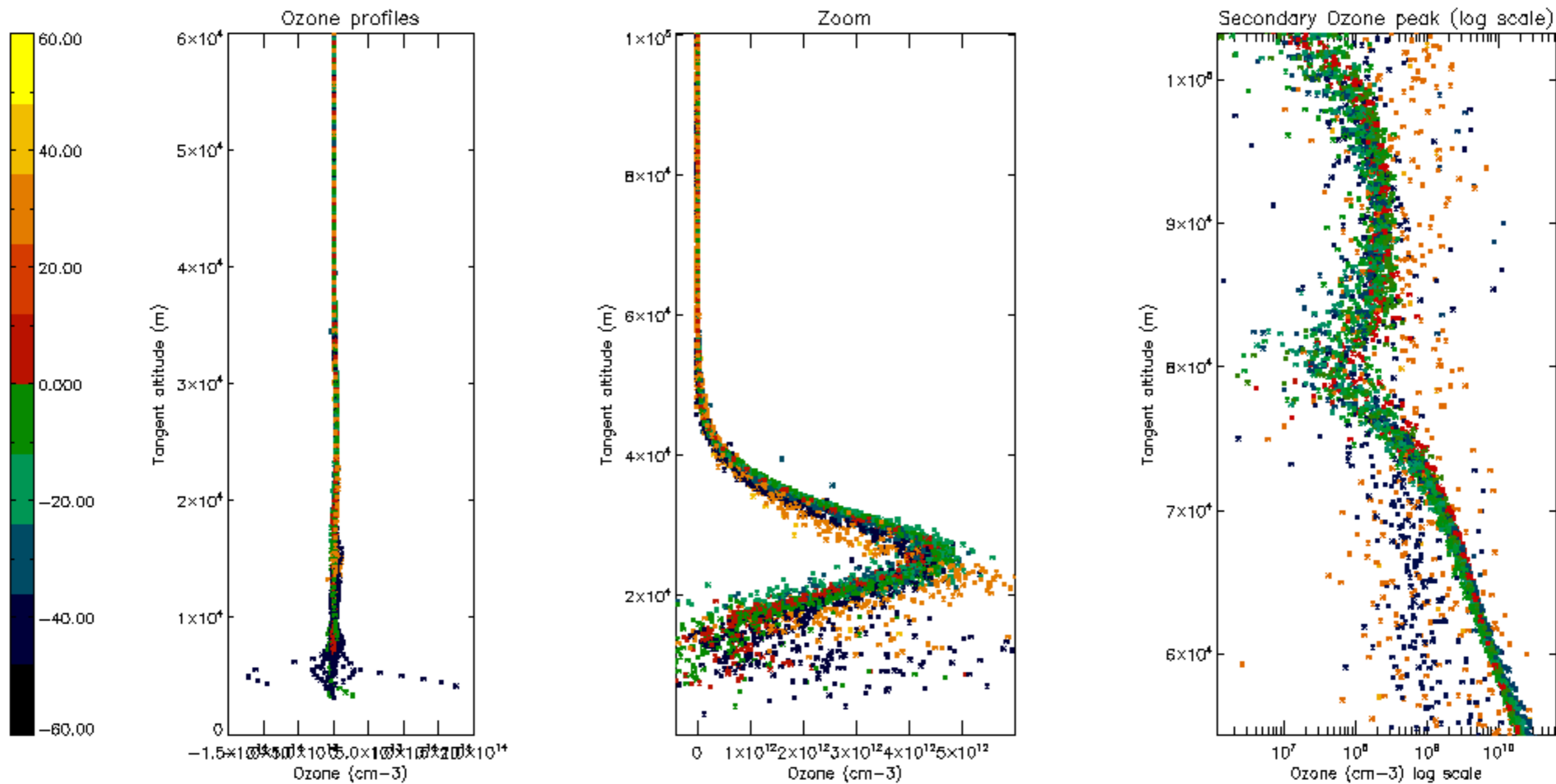


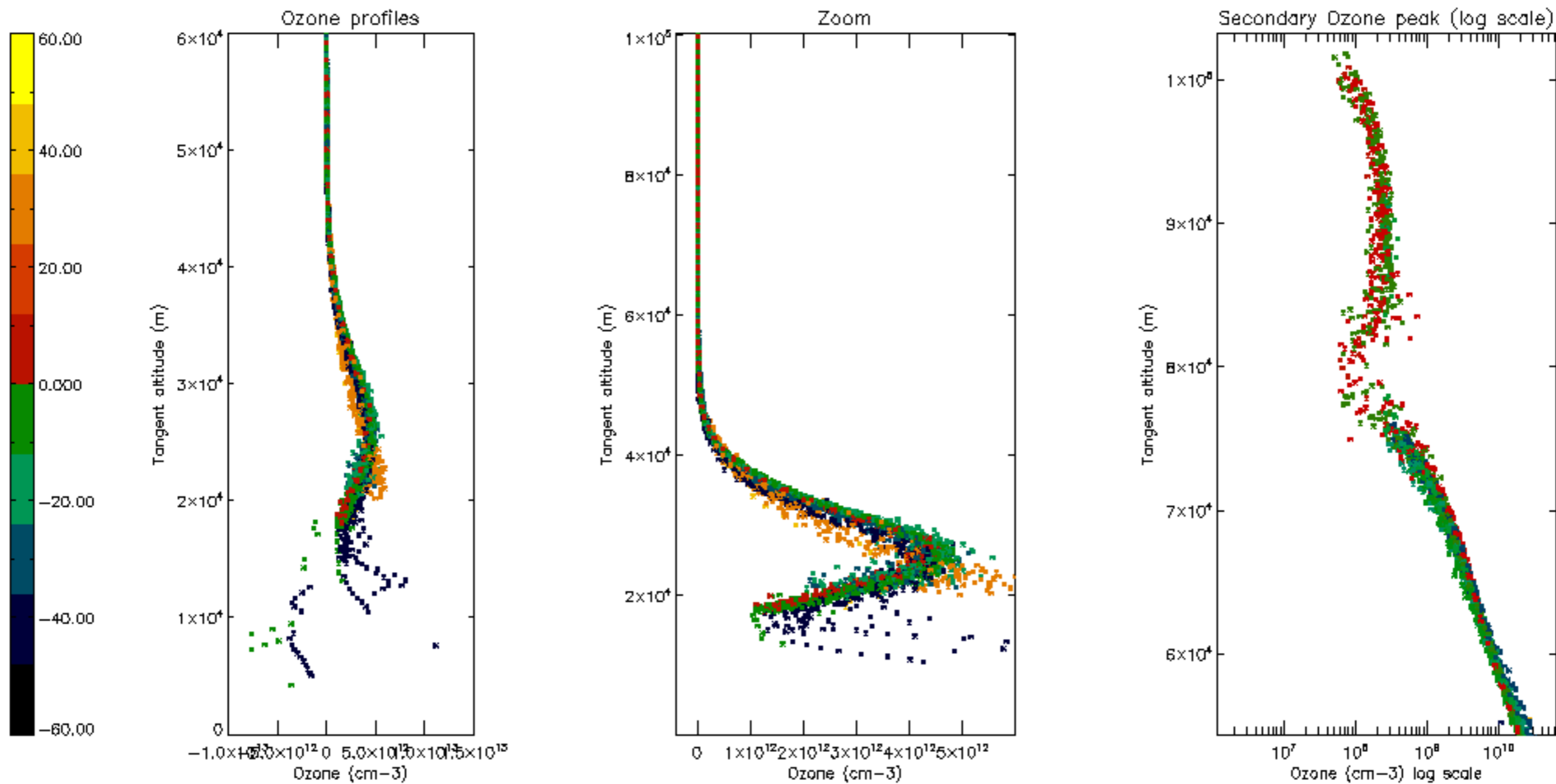
Percentage of star falling outside central band per profile

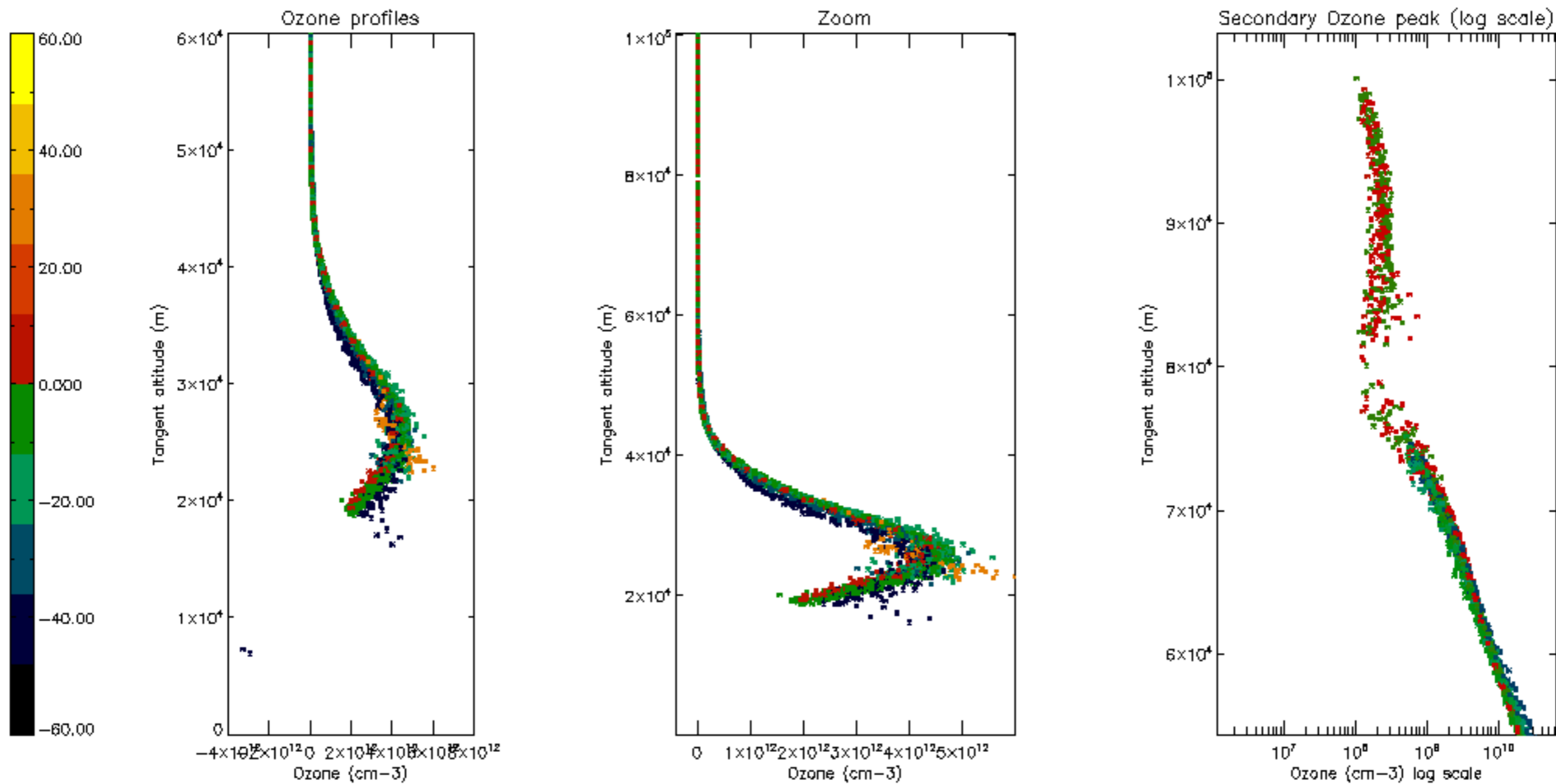


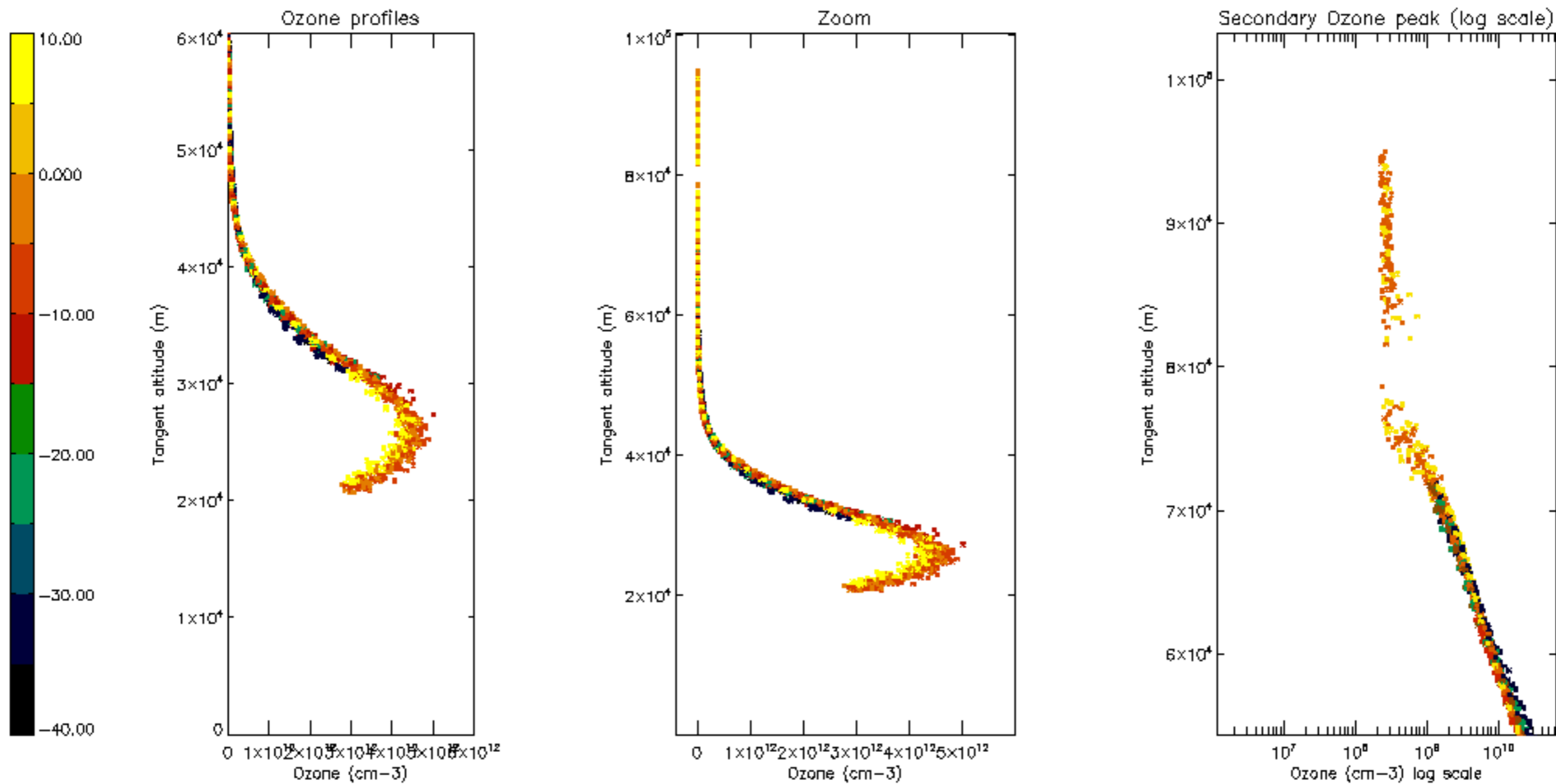
Percentage of saturation errors per profile

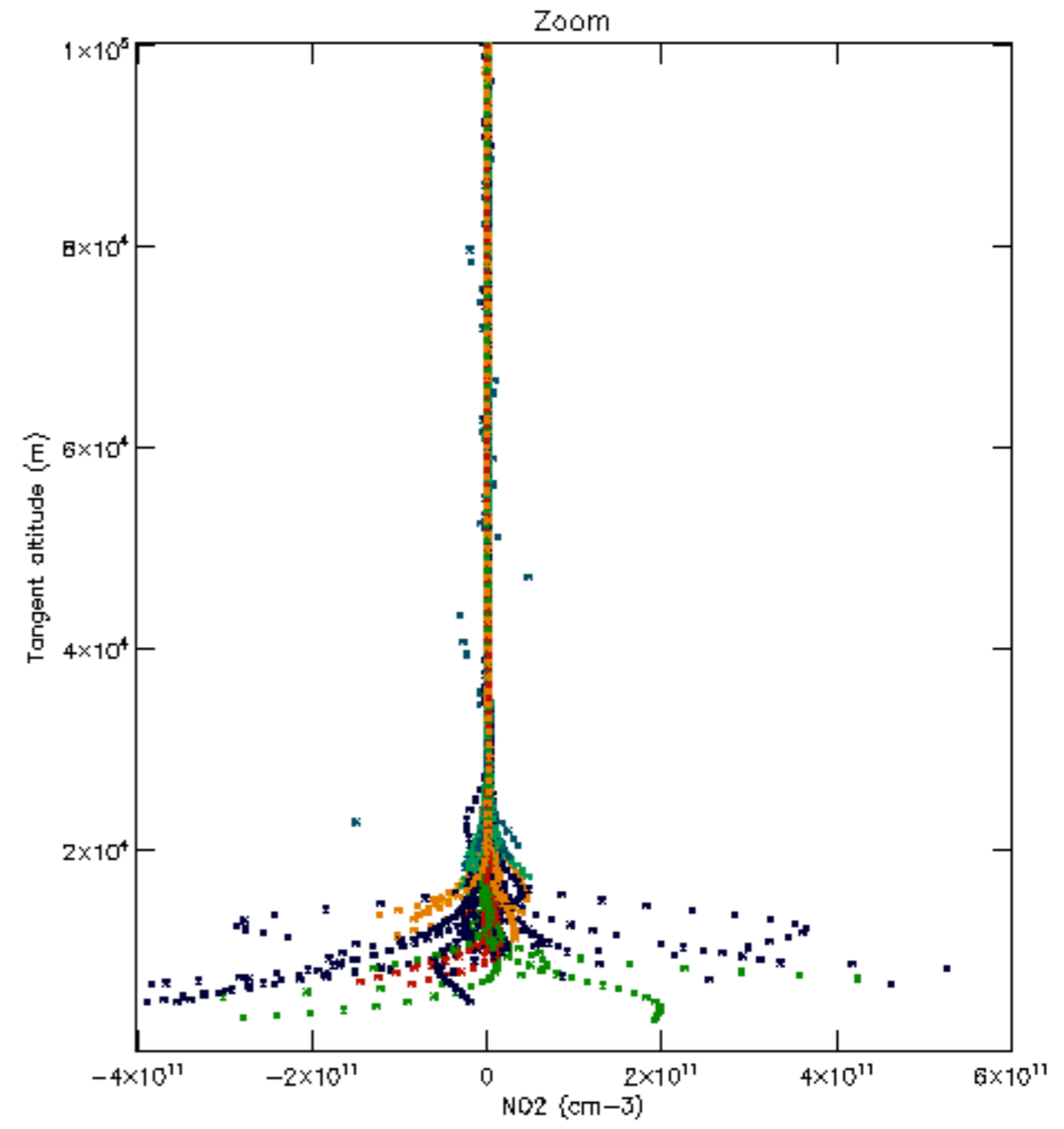
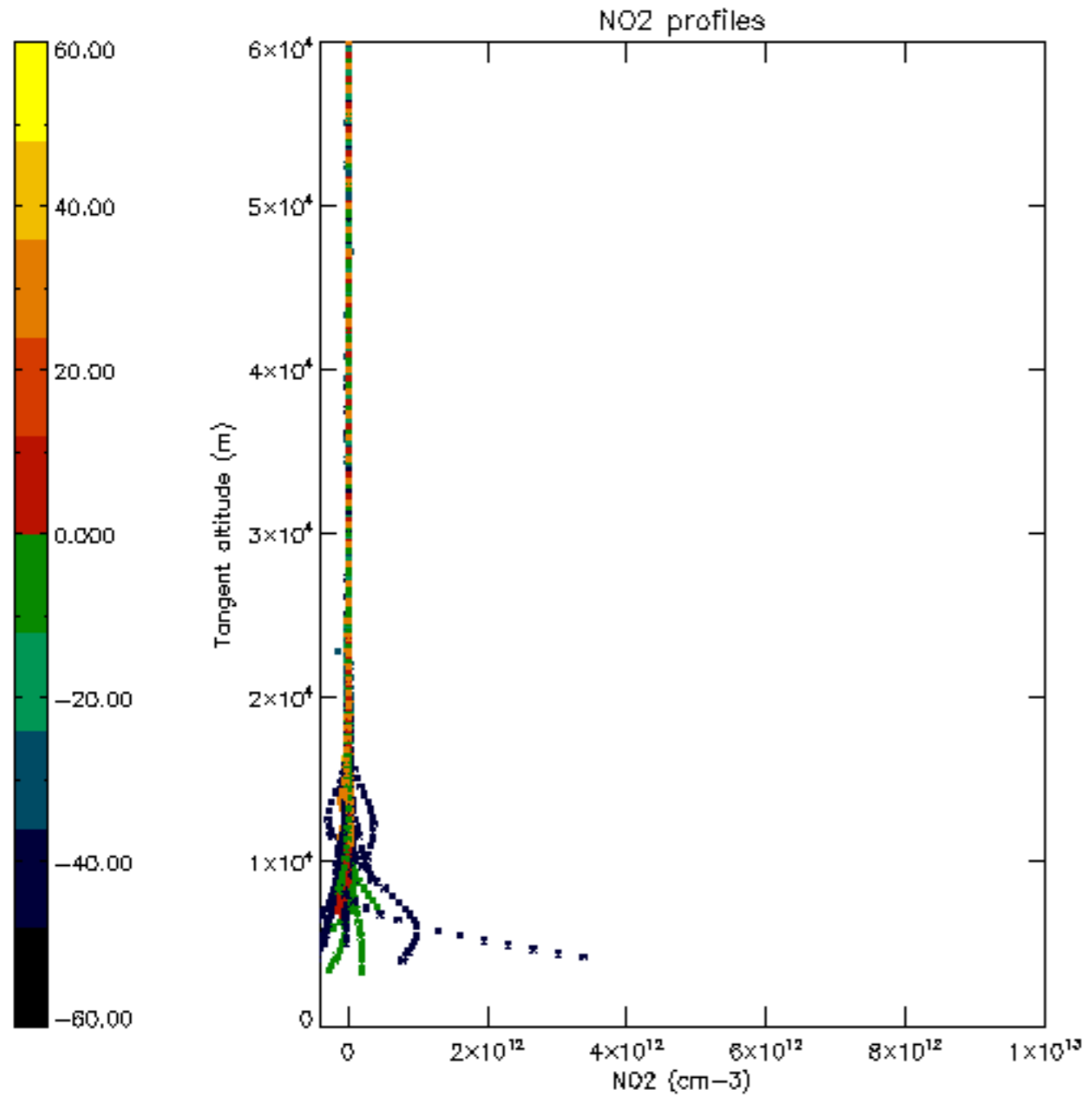


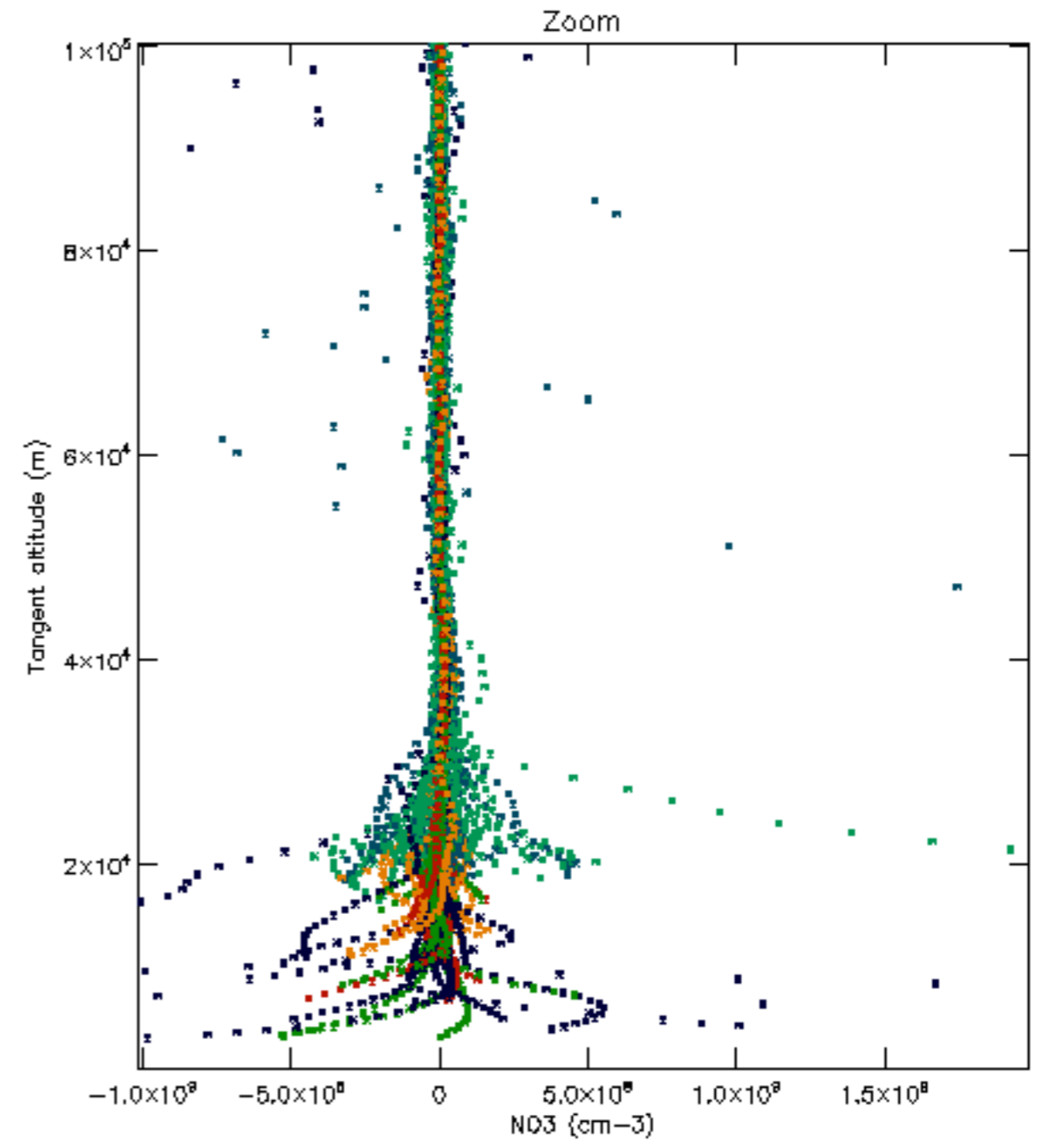
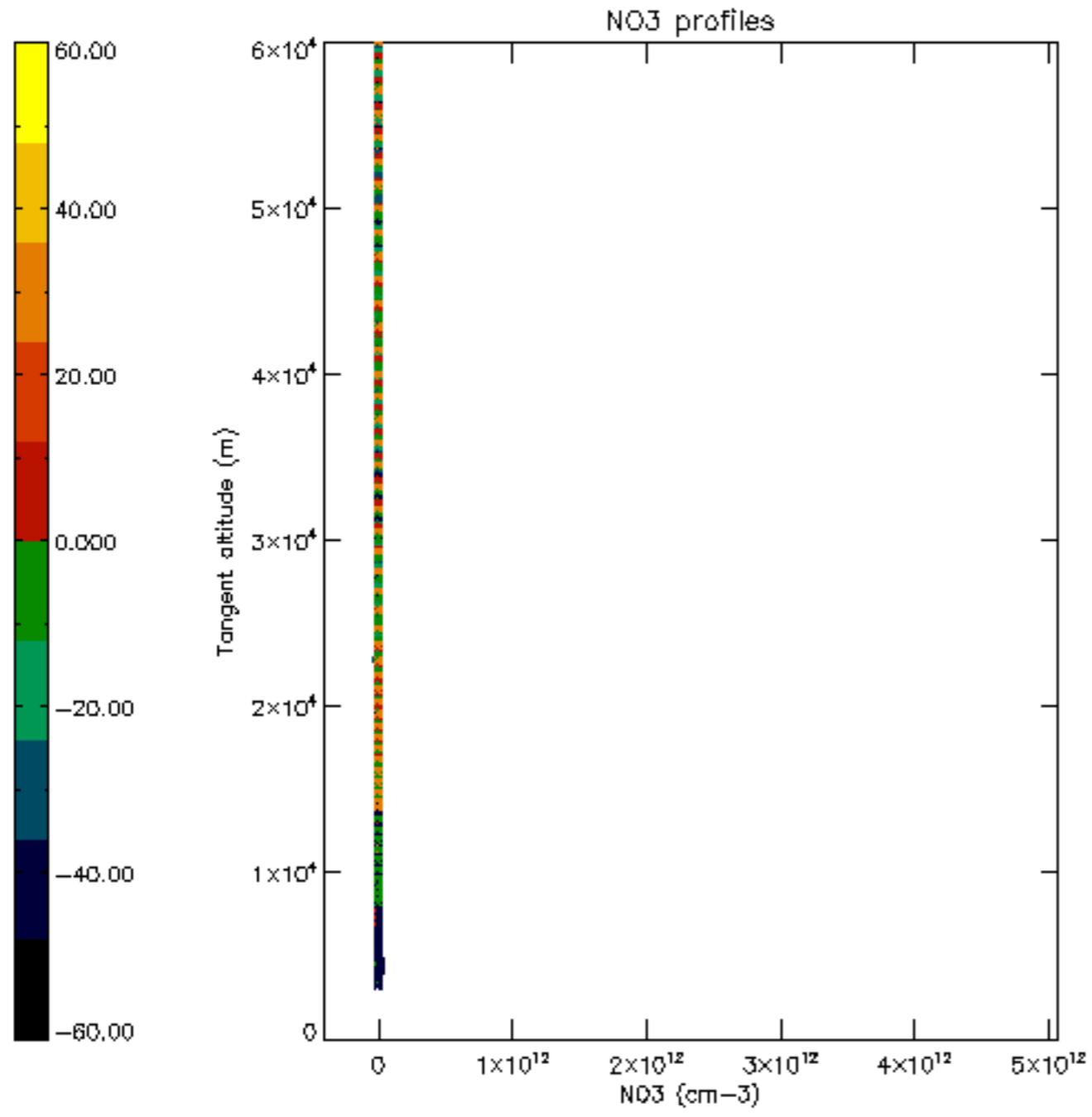


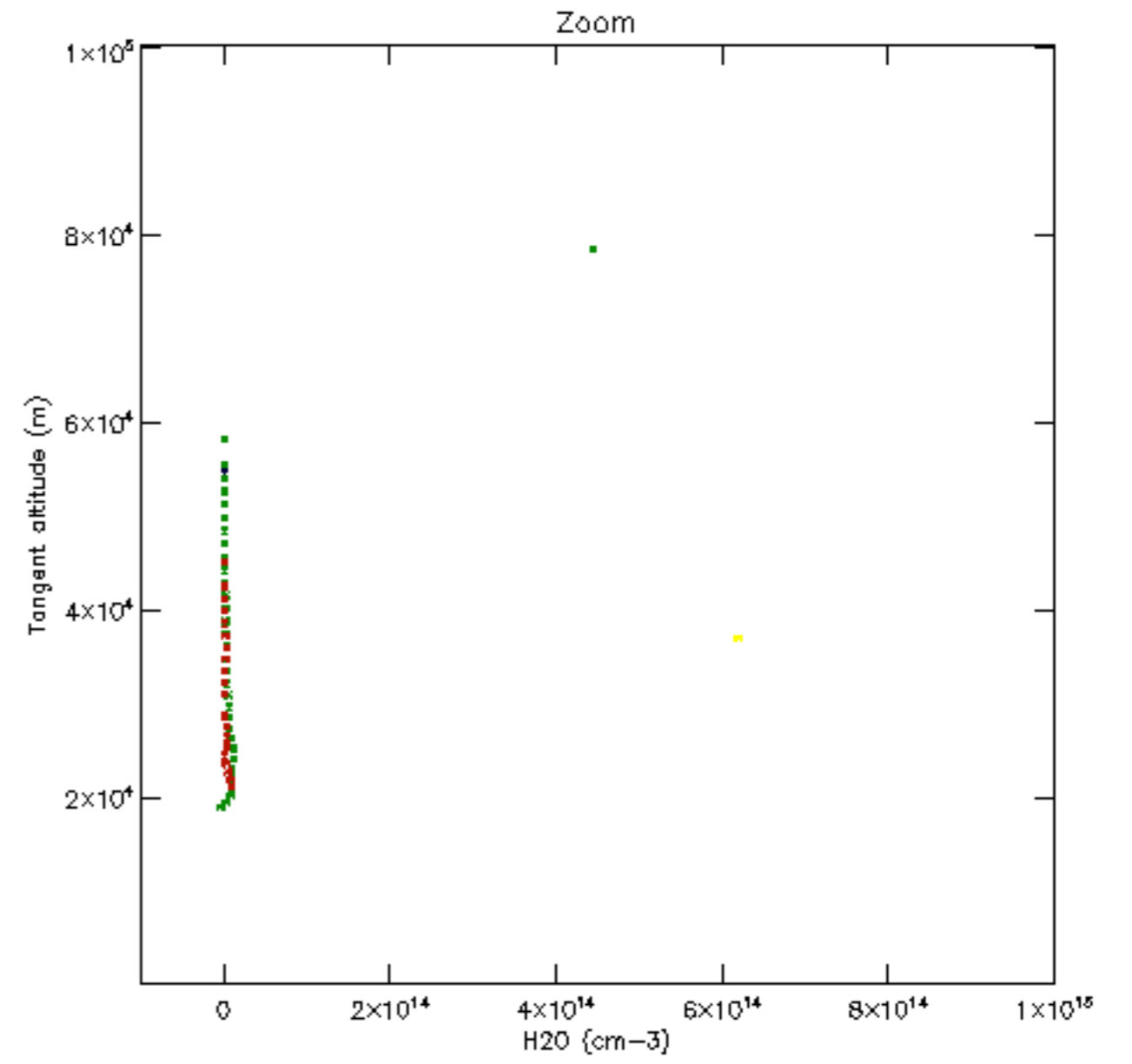
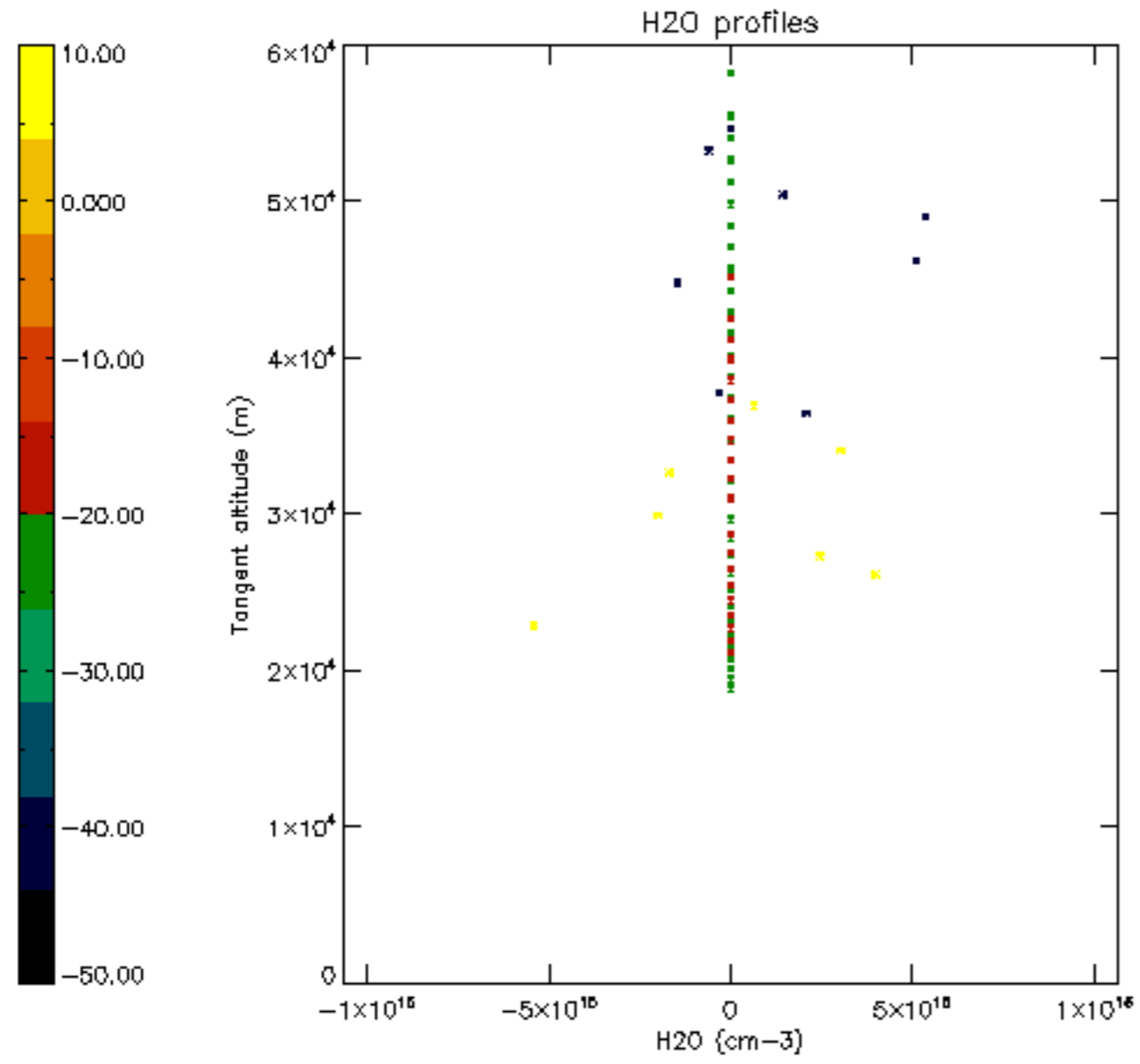


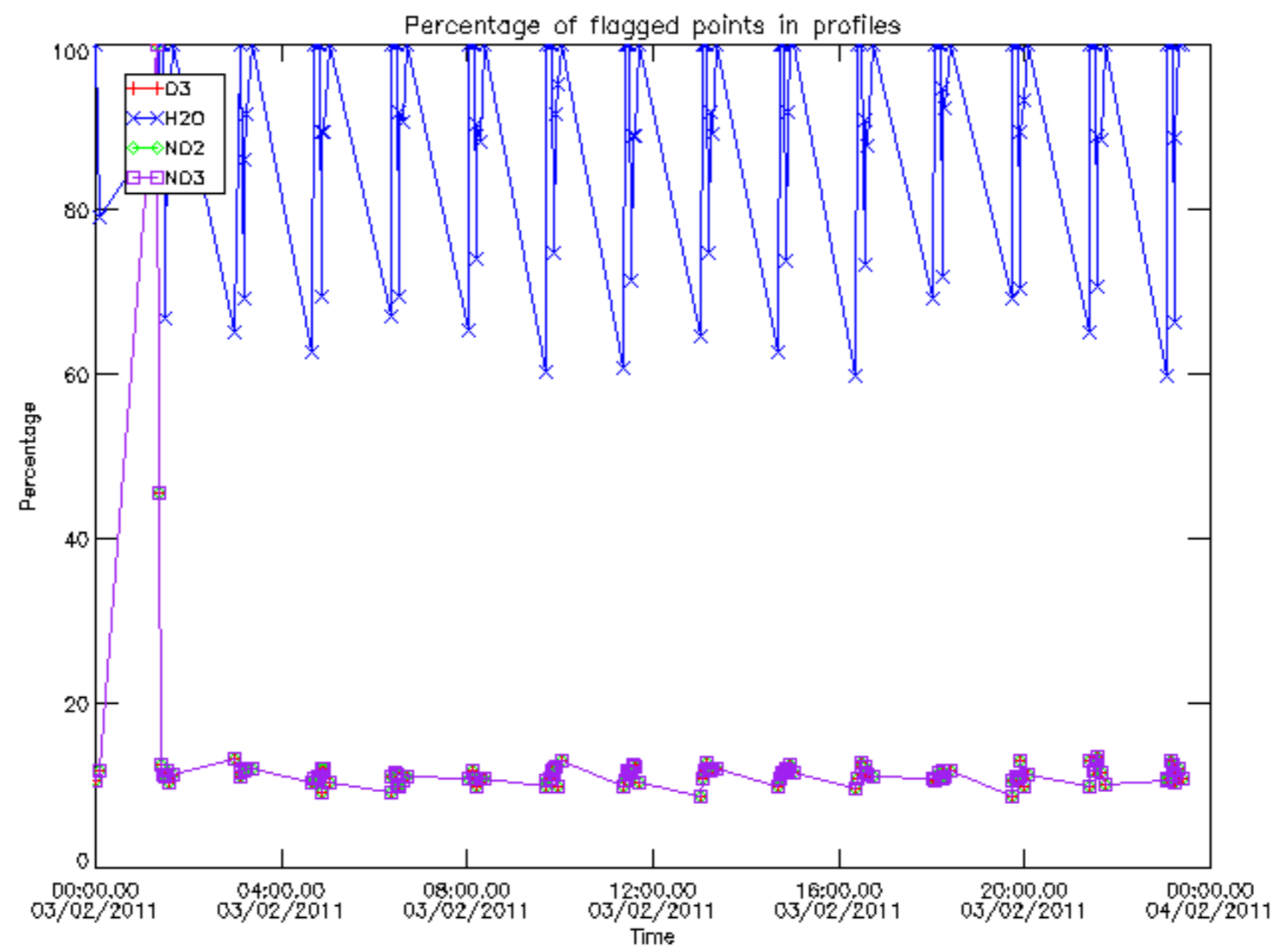




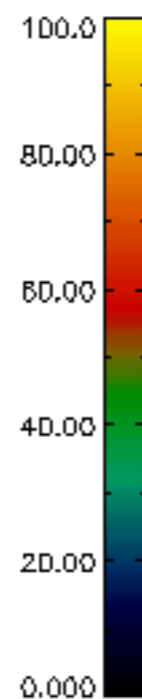
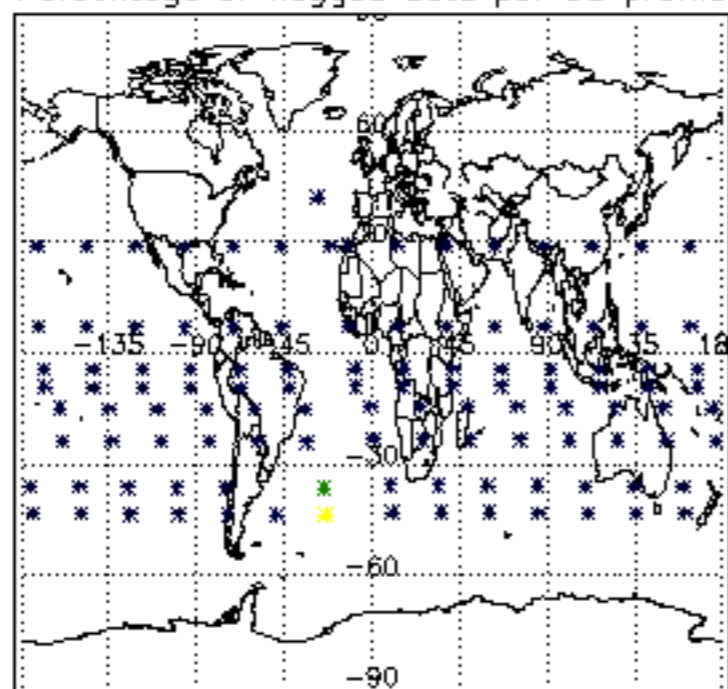




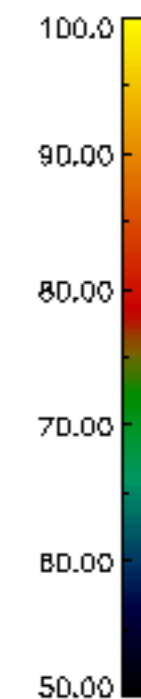
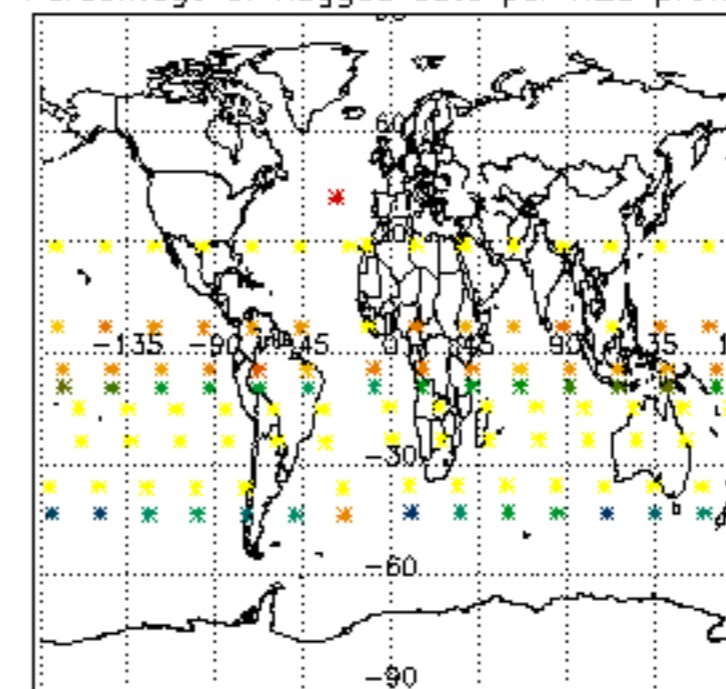




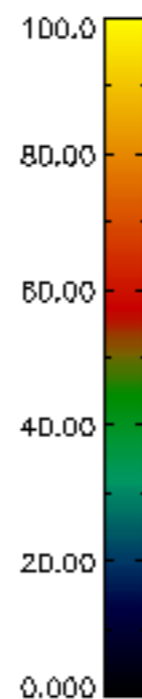
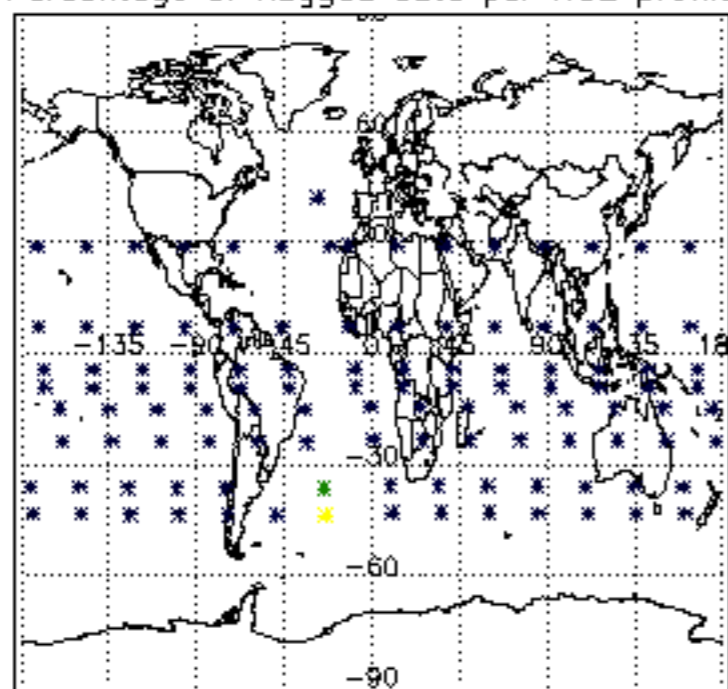
Percentage of flagged data per D3 profile



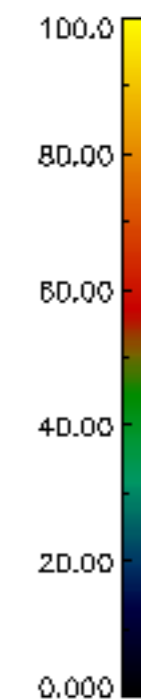
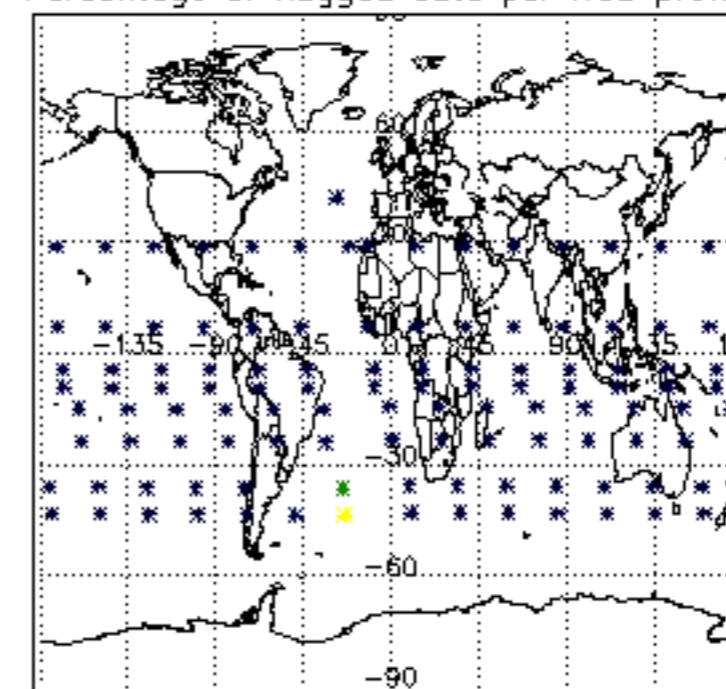
Percentage of flagged data per H2O profile

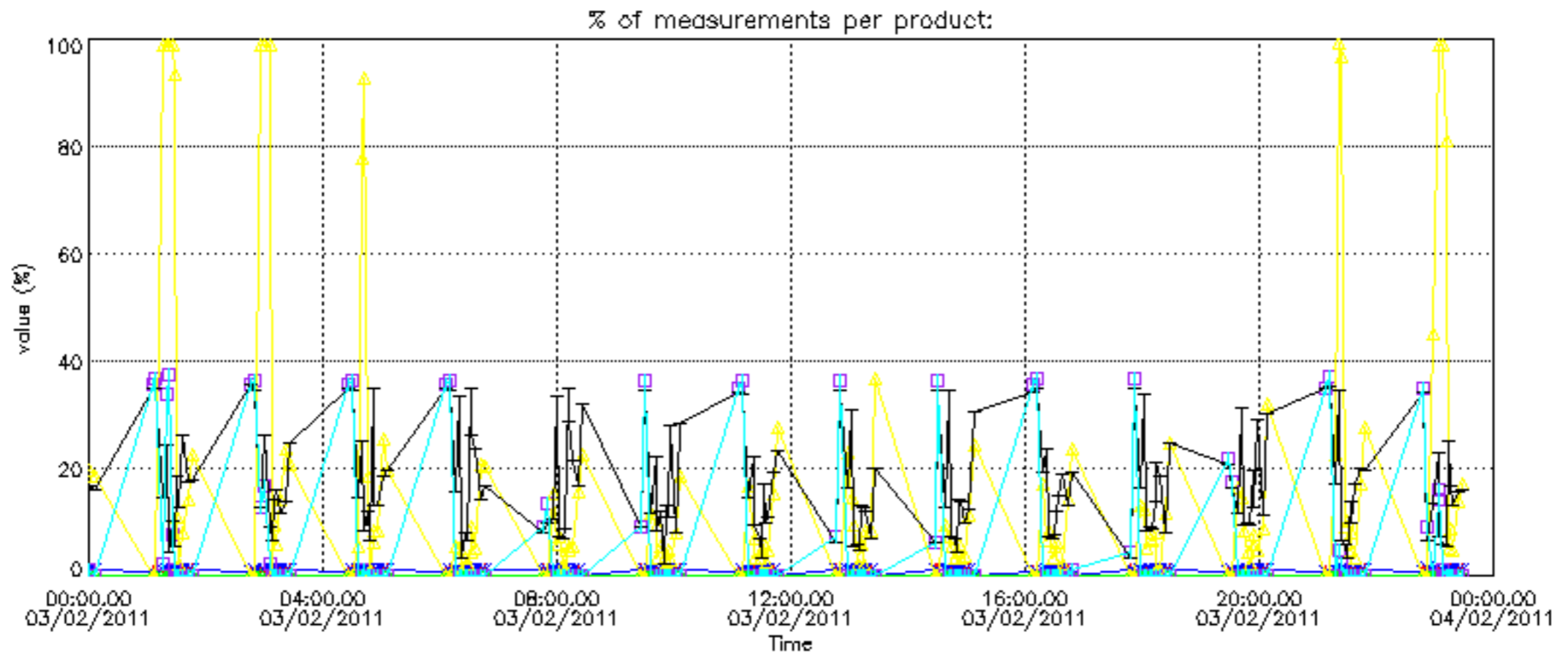


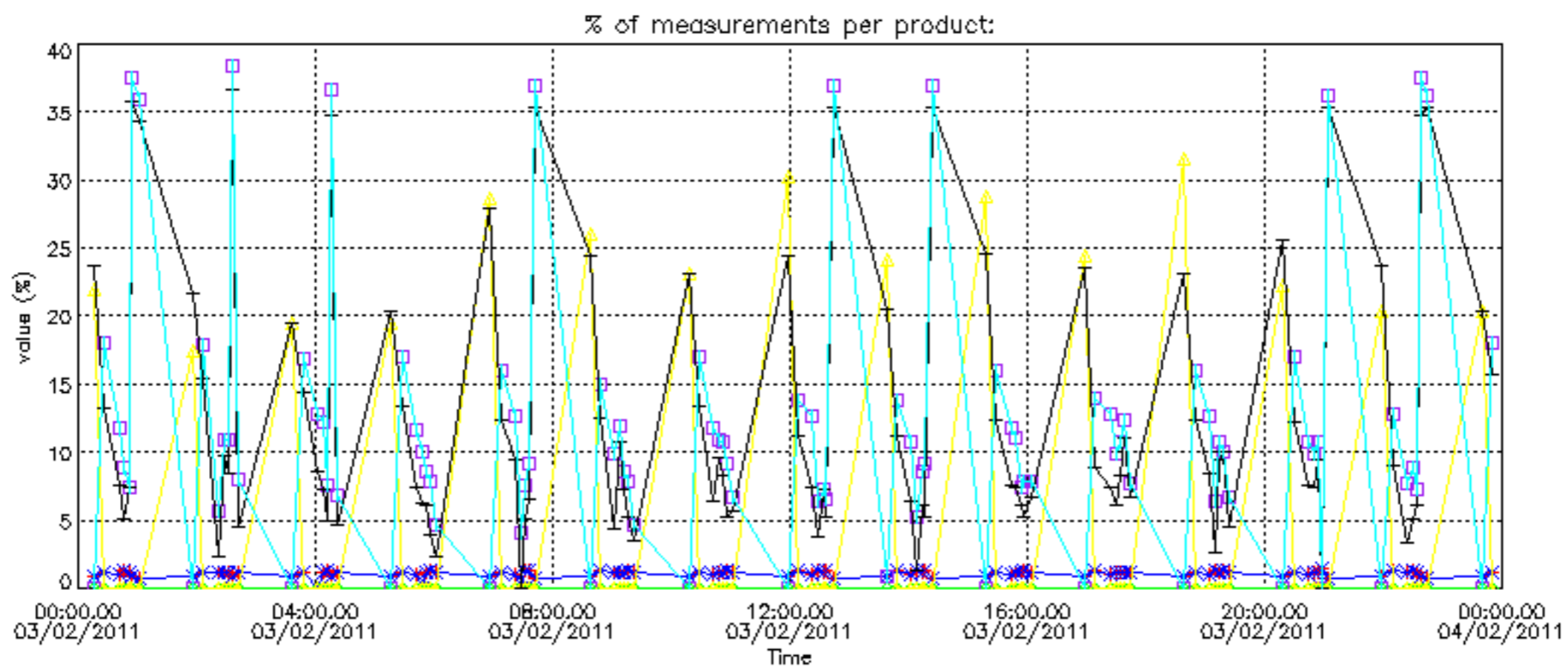
Percentage of flagged data per NO2 profile



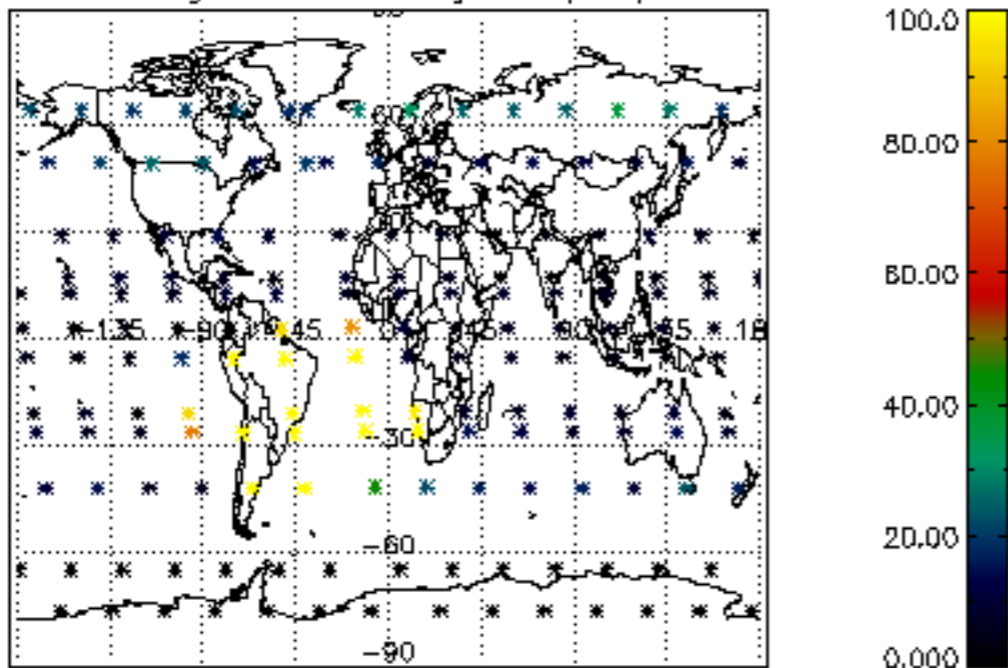
Percentage of flagged data per NO3 profile



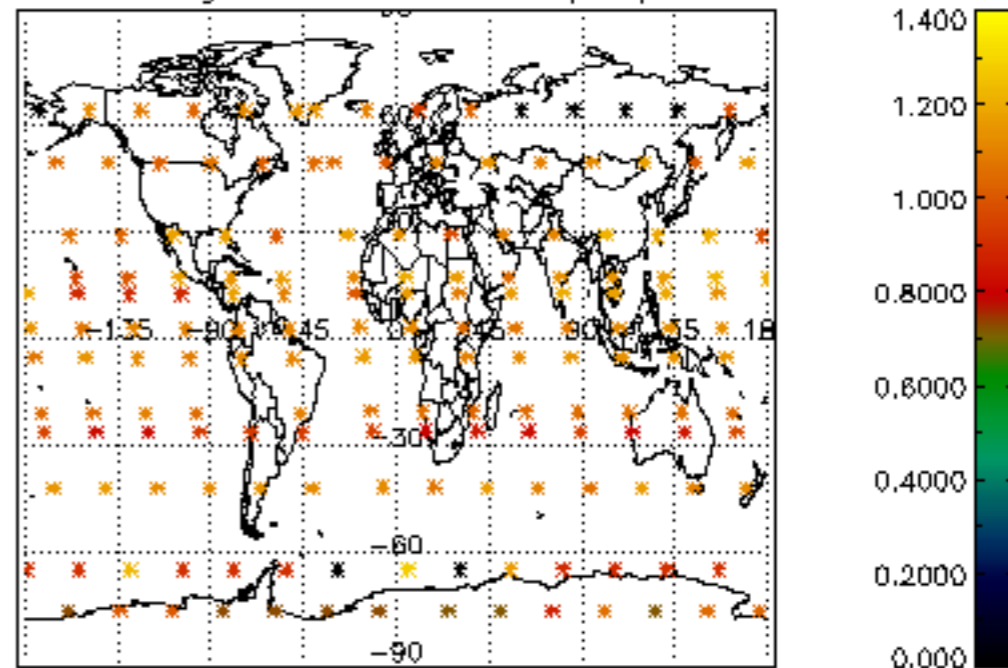




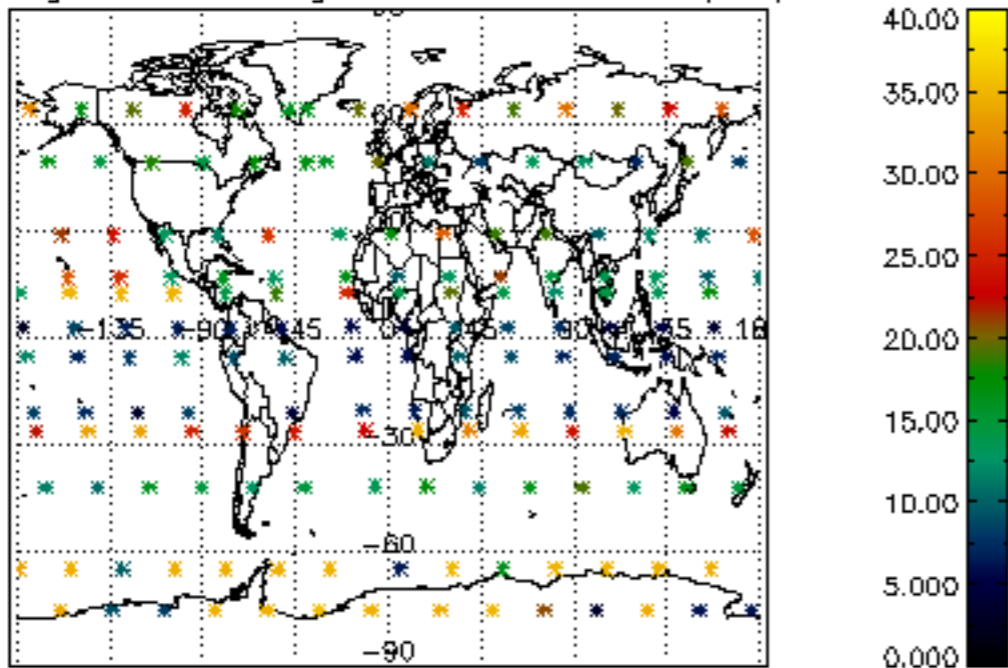
Percentage of cosmic ray hits per profile



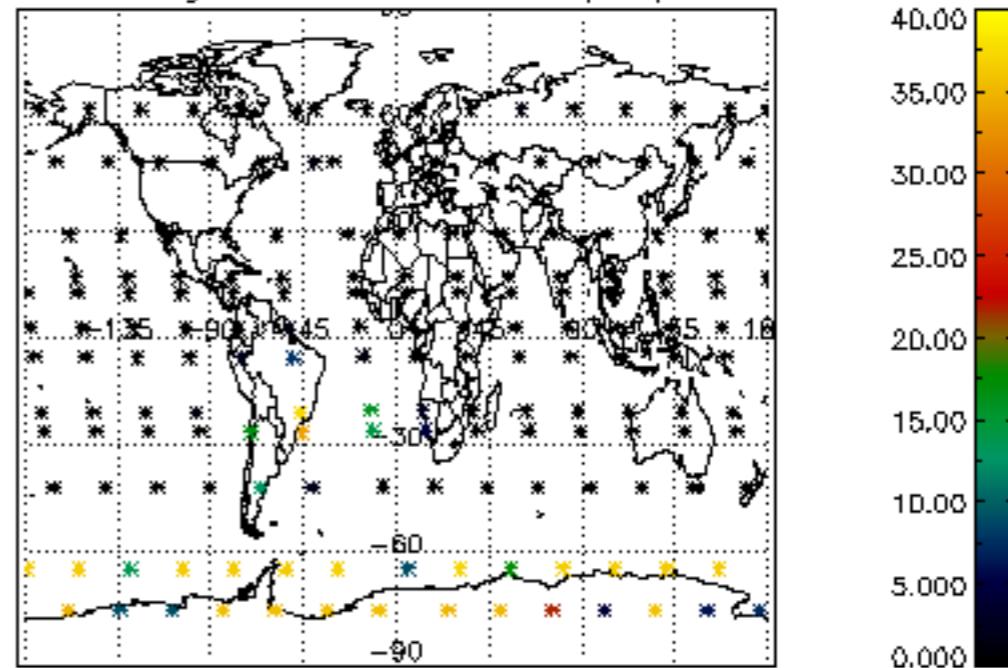
Percentage of datation errors per profile



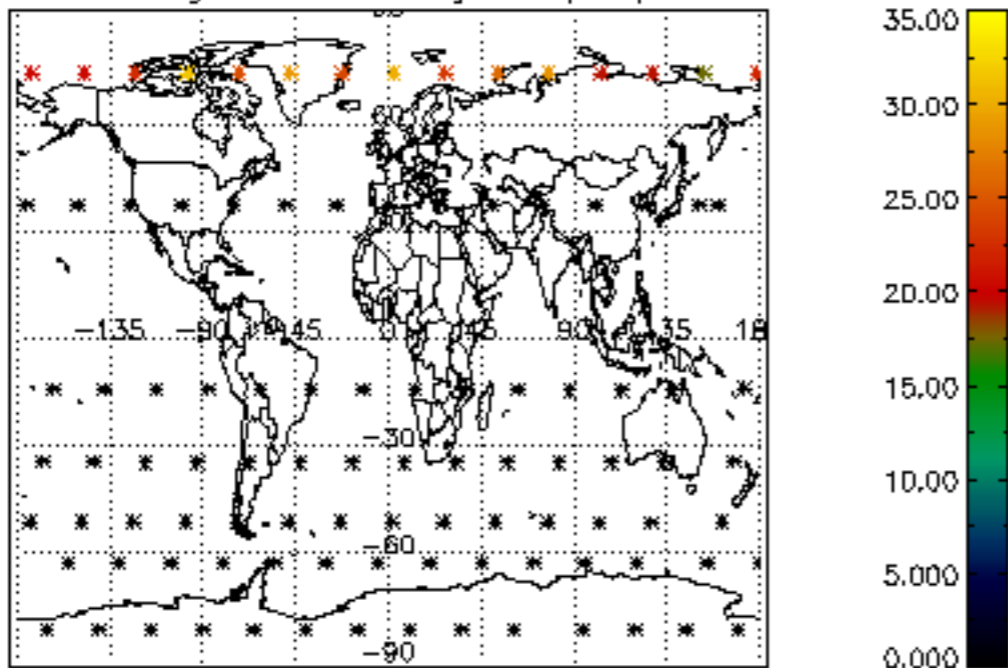
Percentage of star falling outside central band per profile



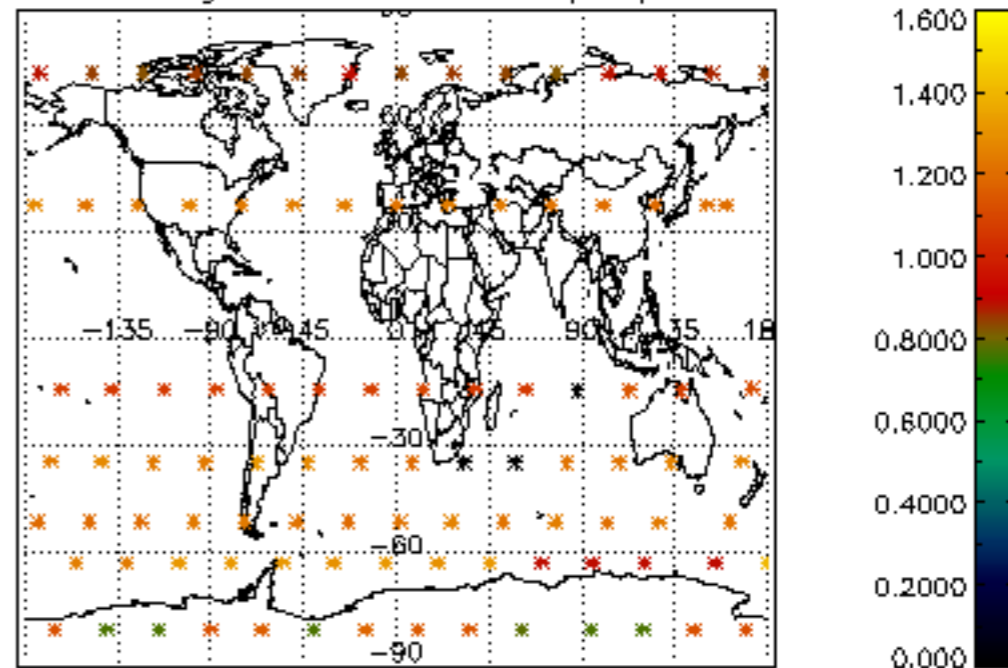
Percentage of saturation errors per profile



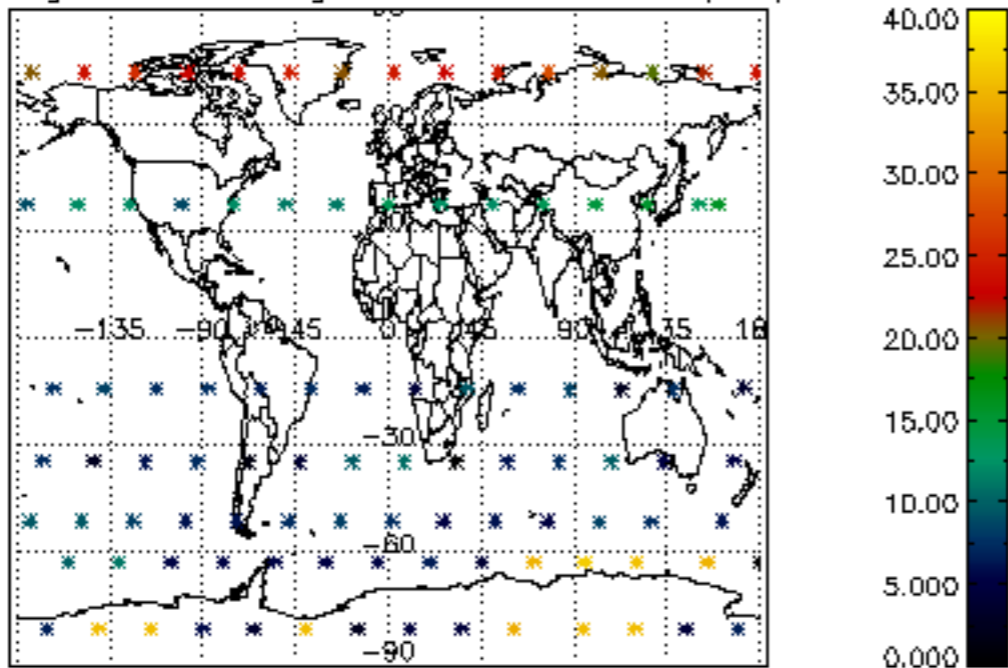
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

