

# 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	29APR2013 09:57:47
Data source version	GOMOS/6.01
Start time of products	22-04-2010 (22APR2010 00:00:00)
Stop time of products	23-04-2010 (23APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	281
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__2PRFIN20100422_000110_000000412088_00431_42569_5639.N1	22-APR-2010 00:01:10	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42569	No
2	GOM_NL__2PRFIN20100422_001136_000000402088_00431_42569_5640.N1	22-APR-2010 00:11:36	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42569	No
3	GOM_NL__2PRFIN20100422_001545_000000402088_00431_42569_5641.N1	22-APR-2010 00:15:45	Twilight	40.000	90	54Alp Peg	2.4870	11000.	80	42569	No
4	GOM_NL__2PRFIN20100422_001911_000000532088_00431_42569_5642.N1	22-APR-2010 00:19:11	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42569	No
5	GOM_NL__2PRFIN20100422_002139_000000472088_00431_42569_5643.N1	22-APR-2010 00:21:39	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42569	No
6	GOM_NL__2PRFIN20100422_002437_000000512088_00431_42569_5644.N1	22-APR-2010 00:24:37	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42569	No
7	GOM_NL__2PRFIN20100422_002653_000000482088_00431_42569_5645.N1	22-APR-2010 00:26:53	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42569	No
8	GOM_NL__2PRFIN20100422_003159_000000402088_00431_42569_5646.N1	22-APR-2010 00:31:59	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42569	No
9	GOM_NL__2PRFIN20100422_003904_000000422088_00432_42570_5633.N1	22-APR-2010 00:39:04	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42570	No
10	GOM_NL__2PRFIN20100422_004746_000000652088_00432_42570_5634.N1	22-APR-2010 00:47:46	Straylight	64.500	40	The Sco	1.8590	7100.0	129	42570	No
11	GOM_NL__2PRFIN20100422_005355_000000422088_00432_42570_5635.N1	22-APR-2010 00:53:55	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42570	No
12	GOM_NL__2PRFIN20100422_005529_000000422088_00432_42570_5636.N1	22-APR-2010 00:55:29	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42570	No
13	GOM_NL__2PRFIN20100422_005744_000000462088_00432_42570_5637.N1	22-APR-2010 00:57:44	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42570	No
14	GOM_NL__2PRFIN20100422_010341_000000532088_00432_42570_5638.N1	22-APR-2010 01:03:41	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	42570	No
15	GOM_NL__2PRFIN20100422_010542_000000422088_00432_42570_5639.N1	22-APR-2010 01:05:42	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42570	No
16	GOM_NL__2PRFIN20100422_011218_000000542088_00432_42570_5640.N1	22-APR-2010 01:12:18	Bright	54.000	138	47Eps Vir	2.8280	4700.0	108	42570	No
17	GOM_NL__2PRFIN20100422_011511_000000442088_00432_42570_5641.N1	22-APR-2010 01:15:11	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42570	No
18	GOM_NL__2PRFIN20100422_012014_000000372088_00432_42570_5642.N1	22-APR-2010 01:20:14	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42570	No
19	GOM_NL__2PRFIN20100422_012235_000000482088_00432_42570_5643.N1	22-APR-2010 01:22:35	Bright	47.500	180	27Gam Boo	3.0400	8000.0	95	42570	No
20	GOM_NL__2PRFIN20100422_012414_000000402088_00432_42570_5644.N1	22-APR-2010 01:24:14	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42570	No
21	GOM_NL__2PRFIN20100422_013133_000000402088_00432_42570_5645.N1	22-APR-2010 01:31:33	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42570	No
22	GOM_NL__2PRFIN20100422_014146_000000402088_00432_42570_5646.N1	22-APR-2010 01:41:46	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42570	No
23	GOM_NL__2PRFIN20100422_015212_000000402088_00432_42570_5647.N1	22-APR-2010 01:52:12	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42570	No
24	GOM_NL__2PRFIN20100422_015621_000000432088_00432_42570_5648.N1	22-APR-2010 01:56:21	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	42570	No
25	GOM_NL__2PRFIN20100422_015948_000000532088_00432_42570_5649.N1	22-APR-2010 01:59:48	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42570	No
26	GOM_NL__2PRFIN20100422_020215_000000472088_00432_42570_5650.N1	22-APR-2010 02:02:15	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42570	No
27	GOM_NL__2PRFIN20100422_020514_000000522088_00432_42570_5651.N1	22-APR-2010 02:05:14	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42570	No
28	GOM_NL__2PRFIN20100422_021940_000000422088_00433_42571_5661.N1	22-APR-2010 02:19:40	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42571	No
29	GOM_NL__2PRFIN20100422_022823_000000572088_00433_42571_5662.N1	22-APR-2010 02:28:23	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42571	No
30	GOM_NL__2PRFIN20100422_023431_000000442088_00433_42571_5663.N1	22-APR-2010 02:34:31	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42571	No
31	GOM_NL__2PRFIN20100422_023605_000000442088_00433_42571_5664.N1	22-APR-2010 02:36:05	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42571	No
32	GOM_NL__2PRFIN20100422_023820_000000472088_00433_42571_5665.N1	22-APR-2010 02:38:20	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42571	No
33	GOM_NL__2PRFIN20100422_024250_000000432088_00433_42571_5666.N1	22-APR-2010 02:42:50	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	42571	No
34	GOM_NL__2PRFIN20100422_024417_000000522088_00433_42571_5667.N1	22-APR-2010 02:44:17	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42571	No
35	GOM_NL__2PRFIN20100422_024618_000000422088_00433_42571_5668.N1	22-APR-2010 02:46:18	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42571	No
36	GOM_NL__2PRFIN20100422_025254_000000382088_00433_42571_5669.N1	22-APR-2010 02:52:54	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42571	No
37	GOM_NL__2PRFIN20100422_025547_000000422088_00433_42571_5670.N1	22-APR-2010 02:55:47	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42571	No
38	GOM_NL__2PRFIN20100422_030050_000000392088_00433_42571_5671.N1	22-APR-2010 03:00:50	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42571	No
39	GOM_NL__2PRFIN20100422_030310_000000462088_00433_42571_5672.N1	22-APR-2010 03:03:10	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42571	No
40	GOM_NL__2PRFIN20100422_030450_000000392088_00433_42571_5673.N1	22-APR-2010 03:04:50	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42571	No
41	GOM_NL__2PRFIN20100422_031209_000000412088_00433_42571_5674.N1	22-APR-2010 03:12:09	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42571	No
42	GOM_NL__2PRFIN20100422_032222_000000422088_00433_42571_5675.N1	22-APR-2010 03:22:22	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42571	No

43	GOM_NL__2PRFIN20100422_033248_000000402088_00433_42571_5676.N1	22-APR-2010 03:32:48	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42571	No
44	GOM_NL__2PRFIN20100422_033658_000000402088_00433_42571_5677.N1	22-APR-2010 03:36:58	Twilight	40.000	90	54Alp Peg	2.4870	11000.	80	42571	No
45	GOM_NL__2PRFIN20100422_034024_000000552088_00433_42571_5678.N1	22-APR-2010 03:40:24	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42571	No
46	GOM_NL__2PRFIN20100422_034251_000000502088_00433_42571_5679.N1	22-APR-2010 03:42:51	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42571	No
47	GOM_NL__2PRFIN20100422_034551_000000552088_00433_42571_5680.N1	22-APR-2010 03:45:51	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42571	No
48	GOM_NL__2PRFIN20100422_034806_000000472088_00433_42571_5681.N1	22-APR-2010 03:48:06	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42571	No
49	GOM_NL__2PRFIN20100422_035313_000000412088_00433_42571_5682.N1	22-APR-2010 03:53:13	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42571	No
50	GOM_NL__2PRFIN20100422_040017_000000402088_00434_42572_5677.N1	22-APR-2010 04:00:17	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42572	No
51	GOM_NL__2PRFIN20100422_040900_000000542088_00434_42572_5678.N1	22-APR-2010 04:09:00	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42572	No
52	GOM_NL__2PRFIN20100422_041507_000000442088_00434_42572_5679.N1	22-APR-2010 04:15:07	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42572	No
53	GOM_NL__2PRFIN20100422_041642_000000442088_00434_42572_5680.N1	22-APR-2010 04:16:42	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42572	No
54	GOM_NL__2PRFIN20100422_041856_000000472088_00434_42572_5681.N1	22-APR-2010 04:18:56	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42572	No
55	GOM_NL__2PRFIN20100422_042326_000000442088_00434_42572_5682.N1	22-APR-2010 04:23:26	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	42572	No
56	GOM_NL__2PRFIN20100422_042453_000000512088_00434_42572_5683.N1	22-APR-2010 04:24:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42572	No
57	GOM_NL__2PRFIN20100422_042655_000000432088_00434_42572_5684.N1	22-APR-2010 04:26:55	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42572	No
58	GOM_NL__2PRFIN20100422_043330_000000382088_00434_42572_5685.N1	22-APR-2010 04:33:30	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42572	No
59	GOM_NL__2PRFIN20100422_043622_000000442088_00434_42572_5686.N1	22-APR-2010 04:36:22	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42572	No
60	GOM_NL__2PRFIN20100422_044126_000000372088_00434_42572_5687.N1	22-APR-2010 04:41:26	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42572	No
61	GOM_NL__2PRFIN20100422_044346_000000472088_00434_42572_5688.N1	22-APR-2010 04:43:46	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42572	No
62	GOM_NL__2PRFIN20100422_044526_000000392088_00434_42572_5689.N1	22-APR-2010 04:45:26	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42572	No
63	GOM_NL__2PRFIN20100422_045244_000000422088_00434_42572_5690.N1	22-APR-2010 04:52:44	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42572	No
64	GOM_NL__2PRFIN20100422_050258_000000402088_00434_42572_5691.N1	22-APR-2010 05:02:58	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42572	No
65	GOM_NL__2PRFIN20100422_051324_000000412088_00434_42572_5692.N1	22-APR-2010 05:13:24	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42572	No
66	GOM_NL__2PRFIN20100422_051734_000000432088_00434_42572_5693.N1	22-APR-2010 05:17:34	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	42572	No
67	GOM_NL__2PRFIN20100422_052101_000000552088_00434_42572_5694.N1	22-APR-2010 05:21:01	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42572	No
68	GOM_NL__2PRFIN20100422_052328_000000482088_00434_42572_5695.N1	22-APR-2010 05:23:28	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42572	No
69	GOM_NL__2PRFIN20100422_052627_000000522088_00434_42572_5696.N1	22-APR-2010 05:26:27	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42572	No
70	GOM_NL__2PRFIN20100422_052844_000000472088_00434_42572_5697.N1	22-APR-2010 05:28:44	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42572	No
71	GOM_NL__2PRFIN20100422_053349_000000402088_00434_42572_5698.N1	22-APR-2010 05:33:49	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42572	No
72	GOM_NL__2PRFIN20100422_054054_000000412088_00435_42573_5685.N1	22-APR-2010 05:40:54	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42573	No
73	GOM_NL__2PRFIN20100422_054937_000000542088_00435_42573_5686.N1	22-APR-2010 05:49:37	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42573	No
74	GOM_NL__2PRFIN20100422_055543_000000422088_00435_42573_5687.N1	22-APR-2010 05:55:43	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42573	No
75	GOM_NL__2PRFIN20100422_055718_000000442088_00435_42573_5688.N1	22-APR-2010 05:57:18	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42573	No
76	GOM_NL__2PRFIN20100422_055933_000000462088_00435_42573_5689.N1	22-APR-2010 05:59:33	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42573	No
77	GOM_NL__2PRFIN20100422_060402_000000422088_00435_42573_5690.N1	22-APR-2010 06:04:02	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	42573	No
78	GOM_NL__2PRFIN20100422_060529_000000512088_00435_42573_5691.N1	22-APR-2010 06:05:29	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42573	No
79	GOM_NL__2PRFIN20100422_060731_000000422088_00435_42573_5692.N1	22-APR-2010 06:07:31	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42573	No
80	GOM_NL__2PRFIN20100422_061406_000000382088_00435_42573_5693.N1	22-APR-2010 06:14:06	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42573	No
81	GOM_NL__2PRFIN20100422_061658_000000422088_00435_42573_5694.N1	22-APR-2010 06:16:58	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42573	No
82	GOM_NL__2PRFIN20100422_062202_000000372088_00435_42573_5695.N1	22-APR-2010 06:22:02	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42573	No
83	GOM_NL__2PRFIN20100422_062421_000000462088_00435_42573_5696.N1	22-APR-2010 06:24:21	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42573	No
84	GOM_NL__2PRFIN20100422_062601_000000382088_00435_42573_5697.N1	22-APR-2010 06:26:01	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42573	No
85	GOM_NL__2PRFIN20100422_063320_000000372088_00435_42573_5698.N1	22-APR-2010 06:33:20	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42573	No
86	GOM_NL__2PRFIN20100422_064333_000000442088_00435_42573_5699.N1	22-APR-2010 06:43:33	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42573	No
87	GOM_NL__2PRFIN20100422_065400_000000392088_00435_42573_5700.N1	22-APR-2010 06:54:00	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42573	No
88	GOM_NL__2PRFIN20100422_065810_000000432088_00435_42573_5701.N1	22-APR-2010 06:58:10	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	42573	No
89	GOM_NL__2PRFIN20100422_070137_000000542088_00435_42573_5702.N1	22-APR-2010 07:01:37	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42573	No
90	GOM_NL__2PRFIN20100422_070405_000000472088_00435_42573_5703.N1	22-APR-2010 07:04:05	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42573	No
91	GOM_NL__2PRFIN20100422_070704_000000502088_00435_42573_5704.N1	22-APR-2010 07:07:04	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42573	No
92	GOM_NL__2PRFIN20100422_070920_000000472088_00435_42573_5705.N1	22-APR-2010 07:09:20	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42573	No
93	GOM_NL__2PRFIN20100422_071426_000000402088_00435_42573_5706.N1	22-APR-2010 07:14:26	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42573	No
94	GOM_NL__2PRFIN20100422_072130_000000382088_00436_42574_5693.N1	22-APR-2010 07:21:30	Dark	38.000	45	Alp Pav	1.9400	26000.	76	42574	No
95	GOM_NL__2PRFIN20100422_073014_000000582088_00436_42574_5694.N1	22-APR-2010 07:30:14	Straylight	58.000	40	The Sco	1.8590	7100.0	116	42574	No
96	GOM_NL__2PRFIN20100422_073620_000000422088_00436_42574_5695.N1	22-APR-2010 07:36:20	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42574	No
97	GOM_NL__2PRFIN20100422_073754_000000422088_00436_42574_5696.N1	22-APR-2010 07:37:54	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42574	No
98	GOM_NL__2PRFIN20100422_074009_000000472088_00436_42574_5697.N1	22-APR-2010 07:40:09	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42574	No
99	GOM_NL__2PRFIN20100422_074439_000000452088_00436_42574_5698.N1	22-APR-2010 07:44:39	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	42574	No
100	GOM_NL__2PRFIN20100422_074605_000000482088_00436_42574_5699.N1	22-APR-2010 07:46:05	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	42574	No
101	GOM_NL__2PRFIN20100422_074807_000000422088_00436_42574_5700.N1	22-APR-2010 07:48:07	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42574	No

102	GOM_NL__2PRFIN20100422_075442_000000382088_00436_42574_5701.N1	22-APR-2010 07:54:42	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42574	No
103	GOM_NL__2PRFIN20100422_075734_000000442088_00436_42574_5702.N1	22-APR-2010 07:57:34	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42574	No
104	GOM_NL__2PRFIN20100422_080238_000000412088_00436_42574_5703.N1	22-APR-2010 08:02:38	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42574	No
105	GOM_NL__2PRFIN20100422_080456_000000472088_00436_42574_5704.N1	22-APR-2010 08:04:56	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42574	No
106	GOM_NL__2PRFIN20100422_080637_000000402088_00436_42574_5705.N1	22-APR-2010 08:06:37	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42574	No
107	GOM_NL__2PRFIN20100422_081356_000000412088_00436_42574_5706.N1	22-APR-2010 08:13:56	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42574	No
108	GOM_NL__2PRFIN20100422_082409_000000412088_00436_42574_5707.N1	22-APR-2010 08:24:09	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42574	No
109	GOM_NL__2PRFIN20100422_083437_000000402088_00436_42574_5708.N1	22-APR-2010 08:34:37	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42574	No
110	GOM_NL__2PRFIN20100422_083846_000000432088_00436_42574_5709.N1	22-APR-2010 08:38:46	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42574	No
111	GOM_NL__2PRFIN20100422_084214_000000542088_00436_42574_5710.N1	22-APR-2010 08:42:14	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42574	No
112	GOM_NL__2PRFIN20100422_084442_000000472088_00436_42574_5711.N1	22-APR-2010 08:44:42	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42574	No
113	GOM_NL__2PRFIN20100422_084741_000000522088_00436_42574_5712.N1	22-APR-2010 08:47:41	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42574	No
114	GOM_NL__2PRFIN20100422_084957_000000462088_00436_42574_5713.N1	22-APR-2010 08:49:57	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42574	No
115	GOM_NL__2PRFIN20100422_085502_000000392088_00436_42574_5714.N1	22-APR-2010 08:55:02	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42574	No
116	GOM_NL__2PRFIN20100422_090207_000000402088_00437_42575_5701.N1	22-APR-2010 09:02:07	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42575	No
117	GOM_NL__2PRFIN20100422_091051_000000552088_00437_42575_5702.N1	22-APR-2010 09:10:51	Straylight	55.000	40	The Sco	1.8590	7100.0	110	42575	No
118	GOM_NL__2PRFIN20100422_091656_000000422088_00437_42575_5703.N1	22-APR-2010 09:16:56	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42575	No
119	GOM_NL__2PRFIN20100422_091831_000000432088_00437_42575_5704.N1	22-APR-2010 09:18:31	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42575	No
120	GOM_NL__2PRFIN20100422_092045_000000472088_00437_42575_5705.N1	22-APR-2010 09:20:45	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42575	No
121	GOM_NL__2PRFIN20100422_092514_000000442088_00437_42575_5706.N1	22-APR-2010 09:25:14	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42575	No
122	GOM_NL__2PRFIN20100422_092641_000000502088_00437_42575_5707.N1	22-APR-2010 09:26:41	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42575	No
123	GOM_NL__2PRFIN20100422_092843_000000412088_00437_42575_5708.N1	22-APR-2010 09:28:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42575	No
124	GOM_NL__2PRFIN20100422_093518_000000392088_00437_42575_5709.N1	22-APR-2010 09:35:18	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42575	No
125	GOM_NL__2PRFIN20100422_093809_000000442088_00437_42575_5710.N1	22-APR-2010 09:38:09	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42575	No
126	GOM_NL__2PRFIN20100422_094313_000000372088_00437_42575_5711.N1	22-APR-2010 09:43:13	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42575	No
127	GOM_NL__2PRFIN20100422_094532_000000452088_00437_42575_5712.N1	22-APR-2010 09:45:32	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42575	No
128	GOM_NL__2PRFIN20100422_094712_000000402088_00437_42575_5713.N1	22-APR-2010 09:47:12	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42575	No
129	GOM_NL__2PRFIN20100422_095431_000000362088_00437_42575_5714.N1	22-APR-2010 09:54:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42575	No
130	GOM_NL__2PRFIN20100422_100445_000000412088_00437_42575_5715.N1	22-APR-2010 10:04:45	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42575	No
131	GOM_NL__2PRFIN20100422_101513_000000402088_00437_42575_5716.N1	22-APR-2010 10:15:13	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42575	No
132	GOM_NL__2PRFIN20100422_101922_000000422088_00437_42575_5717.N1	22-APR-2010 10:19:22	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42575	No
133	GOM_NL__2PRFIN20100422_102250_000000622088_00437_42575_5718.N1	22-APR-2010 10:22:50	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	42575	No
134	GOM_NL__2PRFIN20100422_102518_000000512088_00437_42575_5719.N1	22-APR-2010 10:25:18	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	42575	No
135	GOM_NL__2PRFIN20100422_102818_000000552088_00437_42575_5720.N1	22-APR-2010 10:28:18	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42575	No
136	GOM_NL__2PRFIN20100422_103033_000000452088_00437_42575_5721.N1	22-APR-2010 10:30:33	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42575	No
137	GOM_NL__2PRFIN20100422_103538_000000412088_00437_42575_5722.N1	22-APR-2010 10:35:38	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42575	No
138	GOM_NL__2PRFIN20100422_104243_000000402088_00438_42576_5709.N1	22-APR-2010 10:42:43	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42576	No
139	GOM_NL__2PRFIN20100422_105128_000000532088_00438_42576_5710.N1	22-APR-2010 10:51:28	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42576	No
140	GOM_NL__2PRFIN20100422_105733_000000402088_00438_42576_5711.N1	22-APR-2010 10:57:33	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42576	No
141	GOM_NL__2PRFIN20100422_105907_000000432088_00438_42576_5712.N1	22-APR-2010 10:59:07	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42576	No
142	GOM_NL__2PRFIN20100422_110121_000000462088_00438_42576_5713.N1	22-APR-2010 11:01:21	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42576	No
143	GOM_NL__2PRFIN20100422_110550_000000442088_00438_42576_5714.N1	22-APR-2010 11:05:50	Twi_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42576	No
144	GOM_NL__2PRFIN20100422_110717_000000512088_00438_42576_5715.N1	22-APR-2010 11:07:17	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42576	No
145	GOM_NL__2PRFIN20100422_110919_000000412088_00438_42576_5716.N1	22-APR-2010 11:09:19	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42576	No
146	GOM_NL__2PRFIN20100422_111553_000000372088_00438_42576_5717.N1	22-APR-2010 11:15:53	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42576	No
147	GOM_NL__2PRFIN20100422_111845_000000422088_00438_42576_5718.N1	22-APR-2010 11:18:45	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42576	No
148	GOM_NL__2PRFIN20100422_112349_000000352088_00438_42576_5719.N1	22-APR-2010 11:23:49	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	42576	No
149	GOM_NL__2PRFIN20100422_112607_000000472088_00438_42576_5720.N1	22-APR-2010 11:26:07	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42576	No
150	GOM_NL__2PRFIN20100422_112748_000000402088_00438_42576_5721.N1	22-APR-2010 11:27:48	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42576	No
151	GOM_NL__2PRFIN20100422_113507_000000562088_00438_42576_5722.N1	22-APR-2010 11:35:07	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42576	No
152	GOM_NL__2PRFIN20100422_114520_000000392088_00438_42576_5723.N1	22-APR-2010 11:45:20	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42576	No
153	GOM_NL__2PRFIN20100422_115549_000000402088_00438_42576_5724.N1	22-APR-2010 11:55:49	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42576	No
154	GOM_NL__2PRFIN20100422_115958_000000422088_00438_42576_5725.N1	22-APR-2010 11:59:58	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42576	No
155	GOM_NL__2PRFIN20100422_120327_000000562088_00438_42576_5726.N1	22-APR-2010 12:03:27	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42576	No
156	GOM_NL__2PRFIN20100422_120554_000000502088_00438_42576_5727.N1	22-APR-2010 12:05:54	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42576	No
157	GOM_NL__2PRFIN20100422_120855_000000552088_00438_42576_5728.N1	22-APR-2010 12:08:55	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42576	No
158	GOM_NL__2PRFIN20100422_121110_000000462088_00438_42576_5729.N1	22-APR-2010 12:11:10	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42576	No
159	GOM_NL__2PRFIN20100422_121615_000000412088_00438_42576_5730.N1	22-APR-2010 12:16:15	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42576	No
160	GOM_NL__2PRFIN20100422_122320_000000422088_00439_42577_5717.N1	22-APR-2010 12:23:20	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42577	No



161	GOM_NL__2PRFIN20100422_123205_000000512088_00439_42577_5718.N1	22-APR-2010 12:32:05	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42577	No
162	GOM_NL__2PRFIN20100422_123809_000000402088_00439_42577_5719.N1	22-APR-2010 12:38:09	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42577	No
163	GOM_NL__2PRFIN20100422_123943_000000422088_00439_42577_5720.N1	22-APR-2010 12:39:43	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42577	No
164	GOM_NL__2PRFIN20100422_124157_000000452088_00439_42577_5721.N1	22-APR-2010 12:41:57	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42577	No
165	GOM_NL__2PRFIN20100422_124626_000000442088_00439_42577_5722.N1	22-APR-2010 12:46:26	Tw_i_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42577	No
166	GOM_NL__2PRFIN20100422_124753_000000512088_00439_42577_5723.N1	22-APR-2010 12:47:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42577	No
167	GOM_NL__2PRFIN20100422_124955_000000422088_00439_42577_5724.N1	22-APR-2010 12:49:55	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42577	No
168	GOM_NL__2PRFIN20100422_125629_000000372088_00439_42577_5725.N1	22-APR-2010 12:56:29	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42577	No
169	GOM_NL__2PRFIN20100422_125920_000000422088_00439_42577_5726.N1	22-APR-2010 12:59:20	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42577	No
170	GOM_NL__2PRFIN20100422_130424_000000382088_00439_42577_5727.N1	22-APR-2010 13:04:24	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42577	No
171	GOM_NL__2PRFIN20100422_130642_000000482088_00439_42577_5728.N1	22-APR-2010 13:06:42	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	42577	No
172	GOM_NL__2PRFIN20100422_130823_000000432088_00439_42577_5729.N1	22-APR-2010 13:08:23	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	42577	No
173	GOM_NL__2PRFIN20100422_131543_000000402088_00439_42577_5730.N1	22-APR-2010 13:15:43	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42577	No
174	GOM_NL__2PRFIN20100422_132556_000000412088_00439_42577_5731.N1	22-APR-2010 13:25:56	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42577	No
175	GOM_NL__2PRFIN20100422_133625_000000392088_00439_42577_5732.N1	22-APR-2010 13:36:25	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42577	No
176	GOM_NL__2PRFIN20100422_134035_000000412088_00439_42577_5733.N1	22-APR-2010 13:40:35	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	42577	No
177	GOM_NL__2PRFIN20100422_134403_000000572088_00439_42577_5734.N1	22-APR-2010 13:44:03	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42577	No
178	GOM_NL__2PRFIN20100422_134630_000000492088_00439_42577_5735.N1	22-APR-2010 13:46:30	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42577	No
179	GOM_NL__2PRFIN20100422_134931_000000512088_00439_42577_5736.N1	22-APR-2010 13:49:31	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42577	No
180	GOM_NL__2PRFIN20100422_135147_000000482088_00439_42577_5737.N1	22-APR-2010 13:51:47	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42577	No
181	GOM_NL__2PRFIN20100422_135651_000000412088_00439_42577_5738.N1	22-APR-2010 13:56:51	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42577	No
182	GOM_NL__2PRFIN20100422_140356_000000402088_00440_42578_5725.N1	22-APR-2010 14:03:56	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42578	No
183	GOM_NL__2PRFIN20100422_141241_000000522088_00440_42578_5726.N1	22-APR-2010 14:12:41	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42578	No
184	GOM_NL__2PRFIN20100422_141845_000000402088_00440_42578_5727.N1	22-APR-2010 14:18:45	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42578	No
185	GOM_NL__2PRFIN20100422_142020_000000452088_00440_42578_5728.N1	22-APR-2010 14:20:20	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42578	No
186	GOM_NL__2PRFIN20100422_142233_000000452088_00440_42578_5729.N1	22-APR-2010 14:22:33	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42578	No
187	GOM_NL__2PRFIN20100422_142703_000000432088_00440_42578_5730.N1	22-APR-2010 14:27:03	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42578	No
188	GOM_NL__2PRFIN20100422_142829_000000512088_00440_42578_5731.N1	22-APR-2010 14:28:29	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42578	No
189	GOM_NL__2PRFIN20100422_143031_000000412088_00440_42578_5732.N1	22-APR-2010 14:30:31	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42578	No
190	GOM_NL__2PRFIN20100422_143705_000000372088_00440_42578_5733.N1	22-APR-2010 14:37:05	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42578	No
191	GOM_NL__2PRFIN20100422_143956_000000422088_00440_42578_5734.N1	22-APR-2010 14:39:56	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42578	No
192	GOM_NL__2PRFIN20100422_144501_000000382088_00440_42578_5735.N1	22-APR-2010 14:45:01	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42578	No
193	GOM_NL__2PRFIN20100422_144717_000000472088_00440_42578_5736.N1	22-APR-2010 14:47:17	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42578	No
194	GOM_NL__2PRFIN20100422_144859_000000412088_00440_42578_5737.N1	22-APR-2010 14:48:59	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42578	No
195	GOM_NL__2PRFIN20100422_145618_000000402088_00440_42578_5738.N1	22-APR-2010 14:56:18	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42578	No
196	GOM_NL__2PRFIN20100422_150632_000000422088_00440_42578_5739.N1	22-APR-2010 15:06:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42578	No
197	GOM_NL__2PRFIN20100422_151701_000000562088_00440_42578_5740.N1	22-APR-2010 15:17:01	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	42578	No
198	GOM_NL__2PRFIN20100422_152111_000000442088_00440_42578_5741.N1	22-APR-2010 15:21:11	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42578	No
199	GOM_NL__2PRFIN20100422_152440_000000562088_00440_42578_5742.N1	22-APR-2010 15:24:40	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42578	No
200	GOM_NL__2PRFIN20100422_152707_000000482088_00440_42578_5743.N1	22-APR-2010 15:27:07	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42578	No
201	GOM_NL__2PRFIN20100422_153008_000000512088_00440_42578_5744.N1	22-APR-2010 15:30:08	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42578	No
202	GOM_NL__2PRFIN20100422_153224_000000452088_00440_42578_5745.N1	22-APR-2010 15:32:24	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42578	No
203	GOM_NL__2PRFIN20100422_153728_000000402088_00440_42578_5746.N1	22-APR-2010 15:37:28	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42578	No
204	GOM_NL__2PRFIN20100422_172509_000000412088_00442_42580_5742.N1	22-APR-2010 17:25:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42580	No
205	GOM_NL__2PRFIN20100422_173356_000000512088_00442_42580_5743.N1	22-APR-2010 17:33:56	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42580	No
206	GOM_NL__2PRFIN20100422_173958_000000442088_00442_42580_5744.N1	22-APR-2010 17:39:58	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42580	No
207	GOM_NL__2PRFIN20100422_174346_000000462088_00442_42580_5745.N1	22-APR-2010 17:43:46	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42580	No
208	GOM_NL__2PRFIN20100422_174941_000000532088_00442_42580_5746.N1	22-APR-2010 17:49:41	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	42580	No
209	GOM_NL__2PRFIN20100422_175143_000000432088_00442_42580_5747.N1	22-APR-2010 17:51:43	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42580	No
210	GOM_NL__2PRFIN20100422_175817_000000372088_00442_42580_5748.N1	22-APR-2010 17:58:17	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42580	No
211	GOM_NL__2PRFIN20100422_180107_000000432088_00442_42580_5749.N1	22-APR-2010 18:01:07	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42580	No
212	GOM_NL__2PRFIN20100422_180612_000000382088_00442_42580_5750.N1	22-APR-2010 18:06:12	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42580	No
213	GOM_NL__2PRFIN20100422_180828_000000462088_00442_42580_5751.N1	22-APR-2010 18:08:28	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42580	No
214	GOM_NL__2PRFIN20100422_181010_000000412088_00442_42580_5752.N1	22-APR-2010 18:10:10	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42580	No
215	GOM_NL__2PRFIN20100422_181730_000000372088_00442_42580_5753.N1	22-APR-2010 18:17:30	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42580	No
216	GOM_NL__2PRFIN20100422_182743_000000592088_00442_42580_5754.N1	22-APR-2010 18:27:43	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42580	No
217	GOM_NL__2PRFIN20100422_183813_000000412088_00442_42580_5755.N1	22-APR-2010 18:38:13	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42580	No
218	GOM_NL__2PRFIN20100422_184223_000000432088_00442_42580_5756.N1	22-APR-2010 18:42:23	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42580	No
219	GOM_NL__2PRFIN20100422_184553_000000542088_00442_42580_5757.N1	22-APR-2010 18:45:53	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42580	No

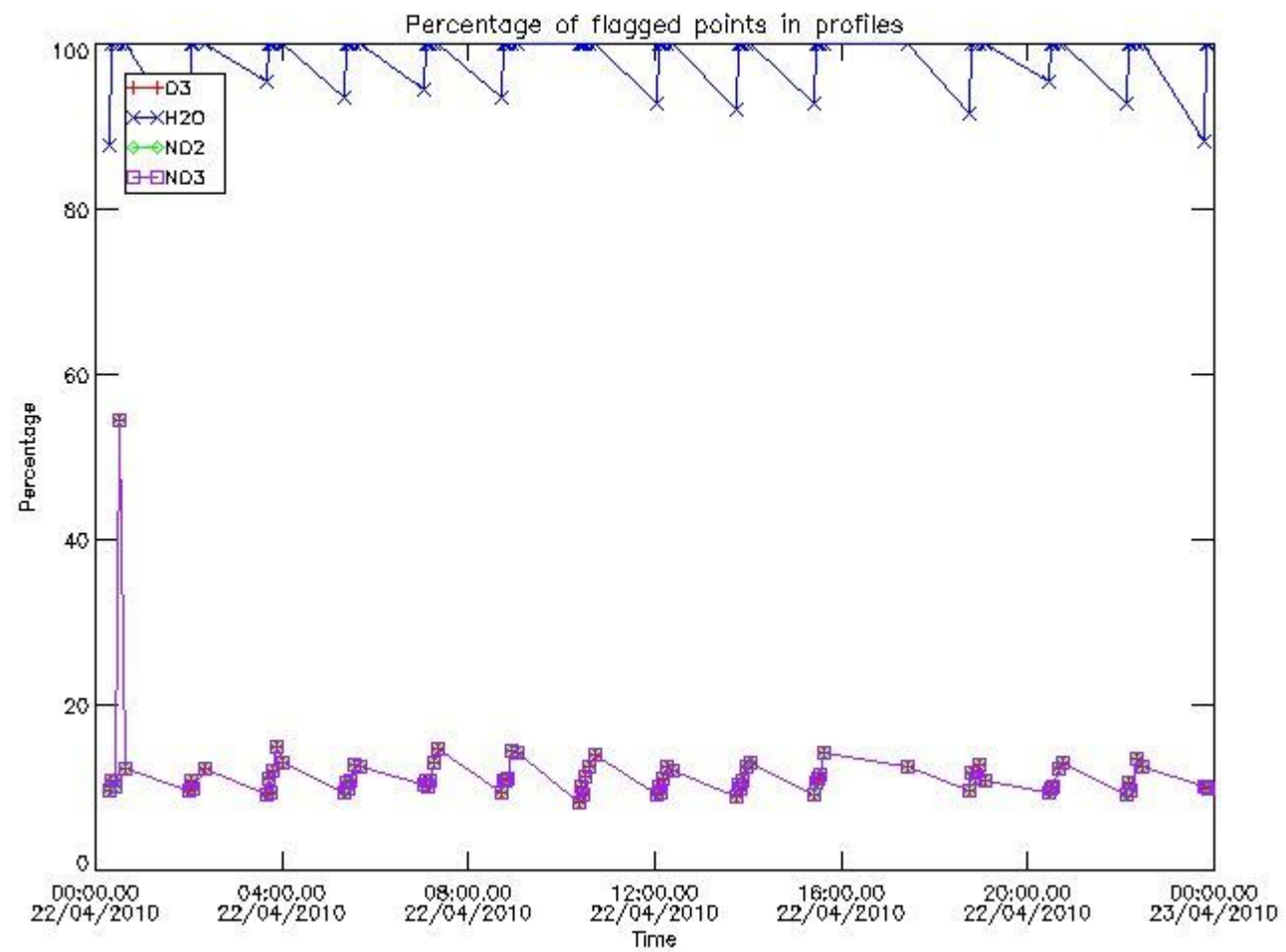
220	GOM_NL__2PRFIN20100422_184820_00000482088_00442_42580_5758.N1	22-APR-2010 18:48:20	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42580	No
221	GOM_NL__2PRFIN20100422_185122_00000512088_00442_42580_5759.N1	22-APR-2010 18:51:22	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42580	No
222	GOM_NL__2PRFIN20100422_185841_00000402088_00442_42580_5760.N1	22-APR-2010 18:58:41	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42580	No
223	GOM_NL__2PRFIN20100422_190546_00000472088_00443_42581_5750.N1	22-APR-2010 19:05:46	Dark	47.000	45	Alp Pav	1.9400	26000.	94	42581	No
224	GOM_NL__2PRFIN20100422_191433_00000512088_00443_42581_5751.N1	22-APR-2010 19:14:33	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42581	No
225	GOM_NL__2PRFIN20100422_192034_00000412088_00443_42581_5752.N1	22-APR-2010 19:20:34	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42581	No
226	GOM_NL__2PRFIN20100422_192208_00000422088_00443_42581_5753.N1	22-APR-2010 19:22:08	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42581	No
227	GOM_NL__2PRFIN20100422_192422_00000472088_00443_42581_5754.N1	22-APR-2010 19:24:22	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42581	No
228	GOM_NL__2PRFIN20100422_193017_00000552088_00443_42581_5755.N1	22-APR-2010 19:30:17	Bright	54.500	122	9Alp2Lib	2.7470	9700.0	109	42581	No
229	GOM_NL__2PRFIN20100422_193219_00000432088_00443_42581_5756.N1	22-APR-2010 19:32:19	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42581	No
230	GOM_NL__2PRFIN20100422_193853_00000372088_00443_42581_5757.N1	22-APR-2010 19:38:53	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42581	No
231	GOM_NL__2PRFIN20100422_194143_00000432088_00443_42581_5758.N1	22-APR-2010 19:41:43	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42581	No
232	GOM_NL__2PRFIN20100422_194648_00000372088_00443_42581_5759.N1	22-APR-2010 19:46:48	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42581	No
233	GOM_NL__2PRFIN20100422_194903_00000452088_00443_42581_5760.N1	22-APR-2010 19:49:03	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42581	No
234	GOM_NL__2PRFIN20100422_195045_00000382088_00443_42581_5761.N1	22-APR-2010 19:50:45	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42581	No
235	GOM_NL__2PRFIN20100422_195805_00000412088_00443_42581_5762.N1	22-APR-2010 19:58:05	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42581	No
236	GOM_NL__2PRFIN20100422_200819_00000432088_00443_42581_5763.N1	22-APR-2010 20:08:19	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42581	No
237	GOM_NL__2PRFIN20100422_201849_00000562088_00443_42581_5764.N1	22-APR-2010 20:18:49	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	42581	No
238	GOM_NL__2PRFIN20100422_202259_00000432088_00443_42581_5765.N1	22-APR-2010 20:22:59	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42581	No
239	GOM_NL__2PRFIN20100422_202629_00000542088_00443_42581_5766.N1	22-APR-2010 20:26:29	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42581	No
240	GOM_NL__2PRFIN20100422_202857_00000522088_00443_42581_5767.N1	22-APR-2010 20:28:57	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	42581	No
241	GOM_NL__2PRFIN20100422_203158_00000512088_00443_42581_5768.N1	22-APR-2010 20:31:58	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42581	No
242	GOM_NL__2PRFIN20100422_203918_00000422088_00443_42581_5769.N1	22-APR-2010 20:39:18	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42581	No
243	GOM_NL__2PRFIN20100422_204622_00000402088_00444_42582_5828.N1	22-APR-2010 20:46:22	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42582	No
244	GOM_NL__2PRFIN20100422_205510_00000582088_00444_42582_5829.N1	22-APR-2010 20:55:10	Straylight	57.500	40	The Sco	1.8590	7100.0	115	42582	No
245	GOM_NL__2PRFIN20100422_210110_00000432088_00444_42582_5830.N1	22-APR-2010 21:01:10	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42582	No
246	GOM_NL__2PRFIN20100422_210245_00000432088_00444_42582_5831.N1	22-APR-2010 21:02:45	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42582	No
247	GOM_NL__2PRFIN20100422_210458_00000472088_00444_42582_5832.N1	22-APR-2010 21:04:58	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42582	No
248	GOM_NL__2PRFIN20100422_211053_00000522088_00444_42582_5833.N1	22-APR-2010 21:10:53	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	42582	No
249	GOM_NL__2PRFIN20100422_211255_00000432088_00444_42582_5834.N1	22-APR-2010 21:12:55	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42582	No
250	GOM_NL__2PRFIN20100422_211929_00000372088_00444_42582_5835.N1	22-APR-2010 21:19:29	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42582	No
251	GOM_NL__2PRFIN20100422_212218_00000422088_00444_42582_5836.N1	22-APR-2010 21:22:18	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42582	No
252	GOM_NL__2PRFIN20100422_212724_00000392088_00444_42582_5837.N1	22-APR-2010 21:27:24	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42582	No
253	GOM_NL__2PRFIN20100422_212939_00000672088_00444_42582_5838.N1	22-APR-2010 21:29:39	Bright	67.000	180	27Gam Boo	3.0400	8000.0	134	42582	No
254	GOM_NL__2PRFIN20100422_213121_00000412088_00444_42582_5839.N1	22-APR-2010 21:31:21	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42582	No
255	GOM_NL__2PRFIN20100422_213841_00000382088_00444_42582_5840.N1	22-APR-2010 21:38:41	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42582	No
256	GOM_NL__2PRFIN20100422_214854_00000432088_00444_42582_5841.N1	22-APR-2010 21:48:54	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42582	No
257	GOM_NL__2PRFIN20100422_215925_00000412088_00444_42582_5842.N1	22-APR-2010 21:59:25	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42582	No
258	GOM_NL__2PRFIN20100422_220335_00000432088_00444_42582_5843.N1	22-APR-2010 22:03:35	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42582	No
259	GOM_NL__2PRFIN20100422_220705_00000562088_00444_42582_5844.N1	22-APR-2010 22:07:05	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42582	No
260	GOM_NL__2PRFIN20100422_220933_00000492088_00444_42582_5845.N1	22-APR-2010 22:09:33	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42582	No
261	GOM_NL__2PRFIN20100422_221235_00000532088_00444_42582_5846.N1	22-APR-2010 22:12:35	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42582	No
262	GOM_NL__2PRFIN20100422_221954_00000422088_00444_42582_5847.N1	22-APR-2010 22:19:54	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42582	No
263	GOM_NL__2PRFIN20100422_222659_00000412088_00445_42583_5836.N1	22-APR-2010 22:26:59	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42583	No
264	GOM_NL__2PRFIN20100422_223546_00000592088_00445_42583_5837.N1	22-APR-2010 22:35:46	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42583	No
265	GOM_NL__2PRFIN20100422_224147_00000432088_00445_42583_5838.N1	22-APR-2010 22:41:47	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42583	No
266	GOM_NL__2PRFIN20100422_224321_00000442088_00445_42583_5839.N1	22-APR-2010 22:43:21	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42583	No
267	GOM_NL__2PRFIN20100422_224535_00000442088_00445_42583_5840.N1	22-APR-2010 22:45:35	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42583	No
268	GOM_NL__2PRFIN20100422_225129_00000522088_00445_42583_5841.N1	22-APR-2010 22:51:29	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	42583	No
269	GOM_NL__2PRFIN20100422_225331_00000432088_00445_42583_5842.N1	22-APR-2010 22:53:31	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42583	No
270	GOM_NL__2PRFIN20100422_230004_00000382088_00445_42583_5843.N1	22-APR-2010 23:00:04	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42583	No
271	GOM_NL__2PRFIN20100422_230254_00000442088_00445_42583_5844.N1	22-APR-2010 23:02:54	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42583	No
272	GOM_NL__2PRFIN20100422_230800_00000372088_00445_42583_5845.N1	22-APR-2010 23:08:00	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42583	No
273	GOM_NL__2PRFIN20100422_231013_00000432088_00445_42583_5846.N1	22-APR-2010 23:10:13	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42583	No
274	GOM_NL__2PRFIN20100422_231156_00000372088_00445_42583_5847.N1	22-APR-2010 23:11:56	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	42583	No
275	GOM_NL__2PRFIN20100422_231917_00000392088_00445_42583_5848.N1	22-APR-2010 23:19:17	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42583	No
276	GOM_NL__2PRFIN20100422_232930_00000422088_00445_42583_5849.N1	22-APR-2010 23:29:30	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42583	No
277	GOM_NL__2PRFIN20100422_234001_00000402088_00445_42583_5850.N1	22-APR-2010 23:40:01	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42583	No
278	GOM_NL__2PRFIN20100422_234412_00000432088_00445_42583_5851.N1	22-APR-2010 23:44:12	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42583	No

279	GOM_NL__2PRFIN20100422_234742_000000552088_00445_42583_5852.N1	22-APR-2010 23:47:42	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42583	No
280	GOM_NL__2PRFIN20100422_235009_000000502088_00445_42583_5853.N1	22-APR-2010 23:50:09	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42583	No
281	GOM_NL__2PRFIN20100422_235312_000000522088_00445_42583_5854.N1	22-APR-2010 23:53:12	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42583	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.

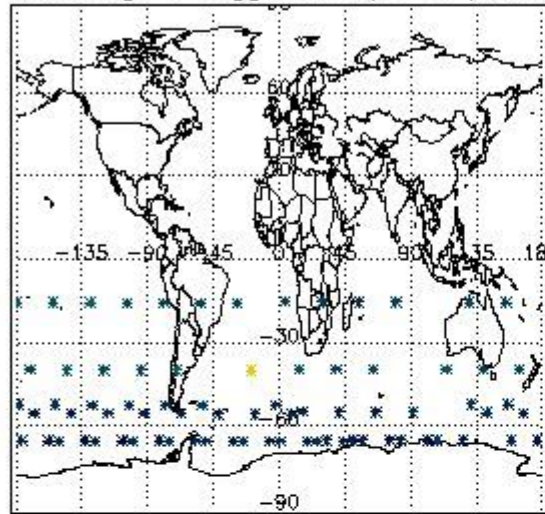
#### 3.1 Plot quality information per product (time dependant)



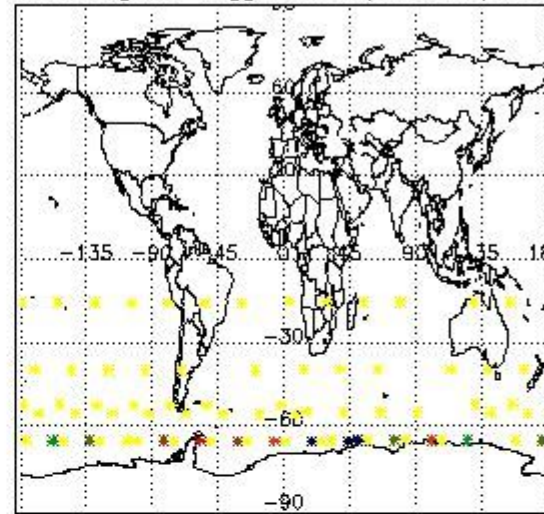
#### 3.2 Plot quality information per product (world map)



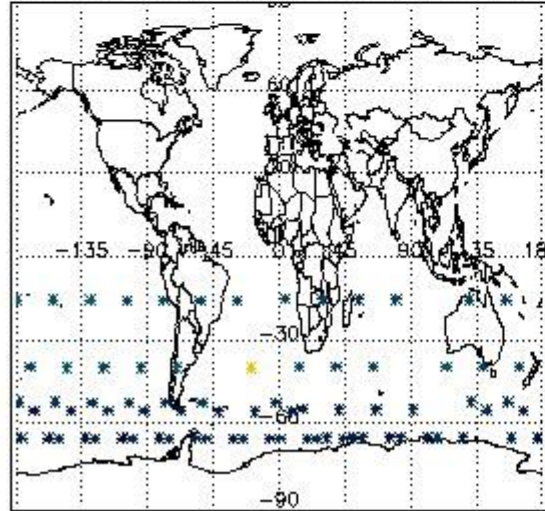
Percentage of flagged data per O3 profile



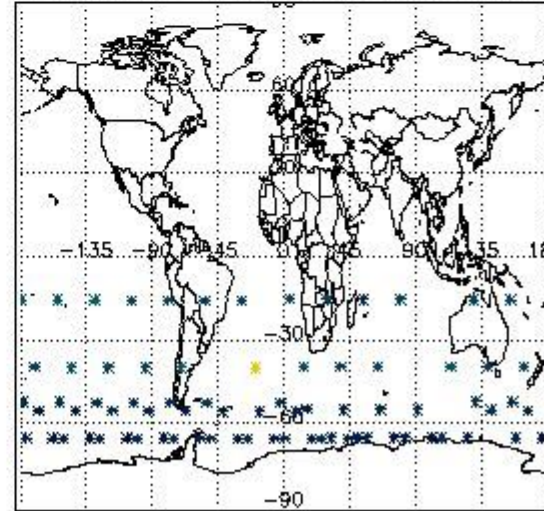
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



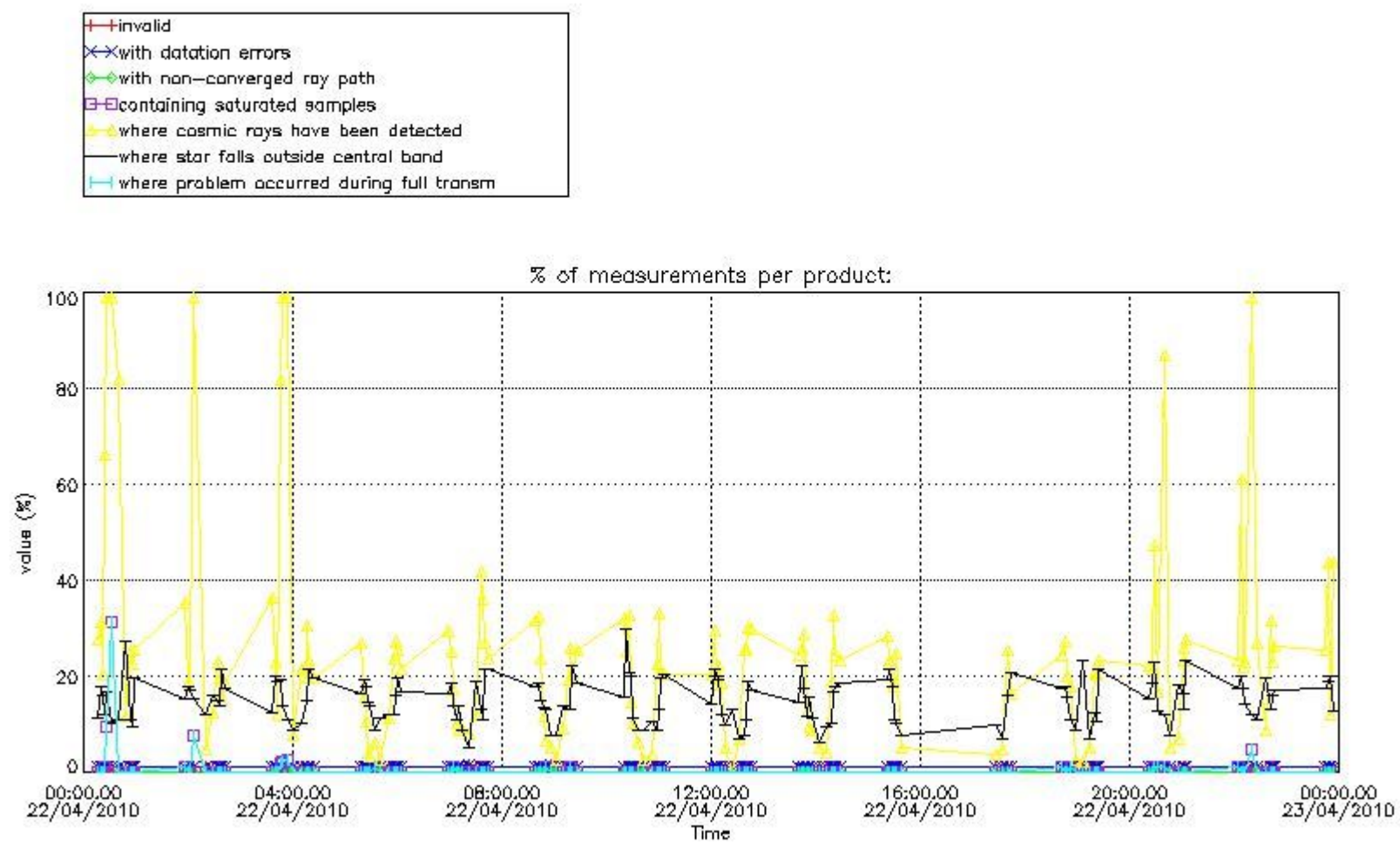
#### 4. Level 1 quality information per product

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.

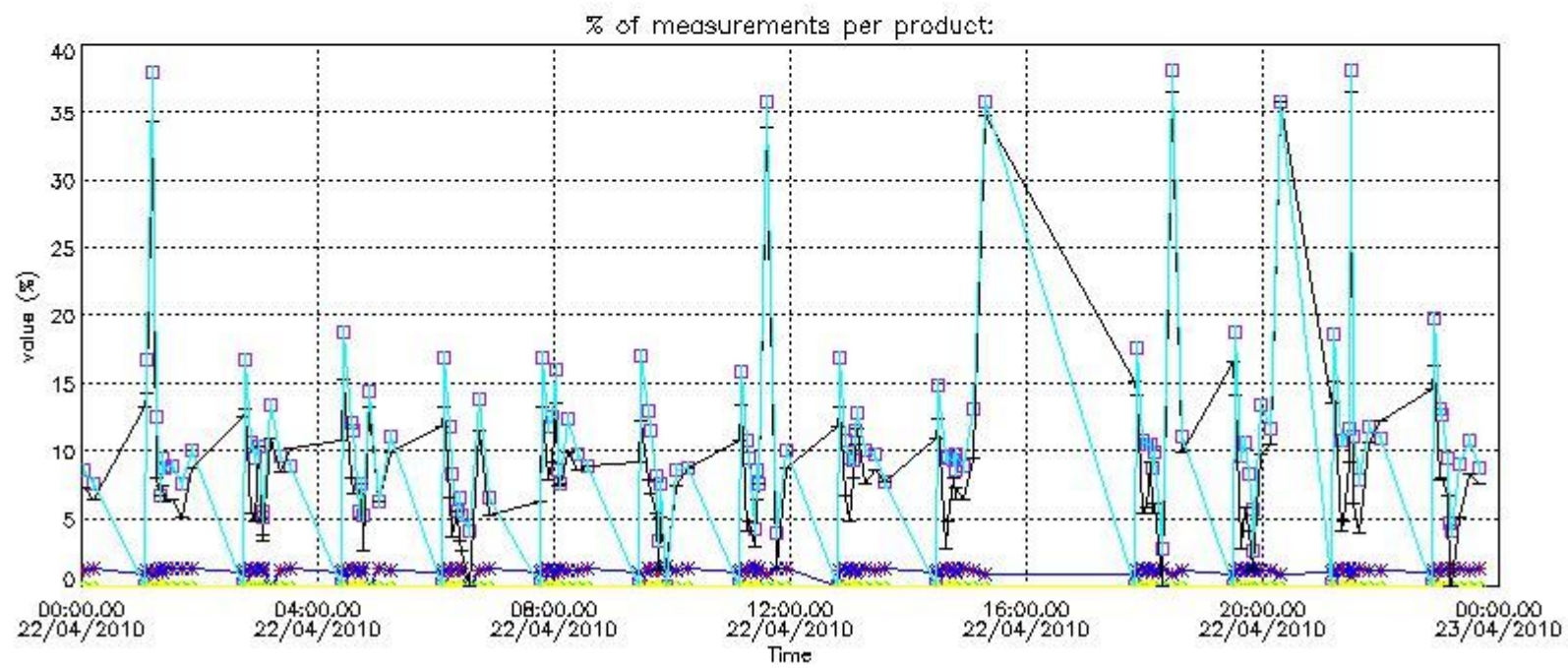
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



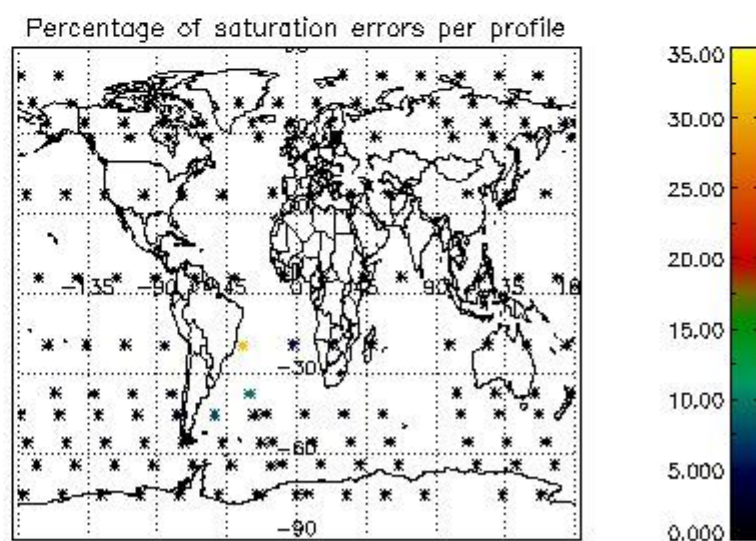
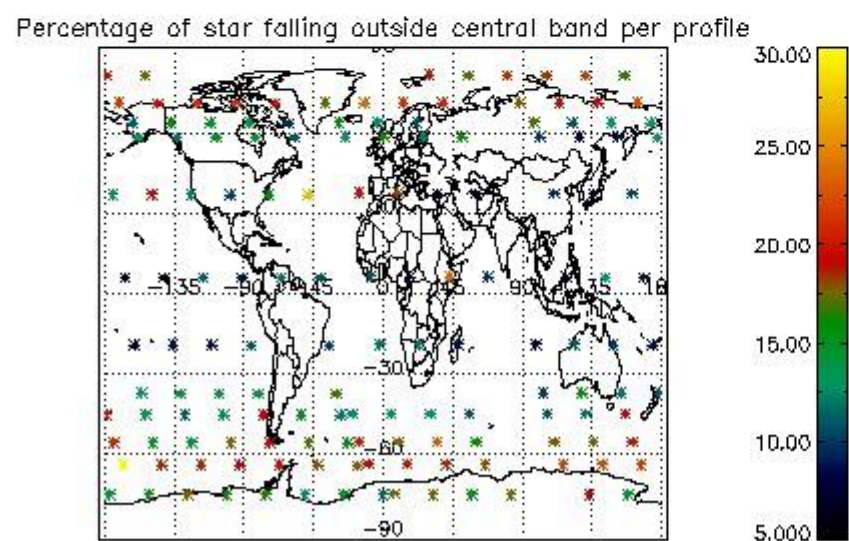
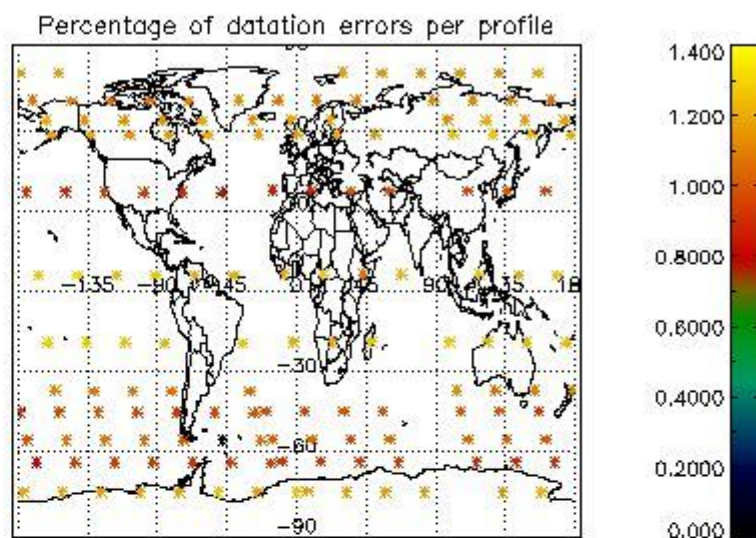
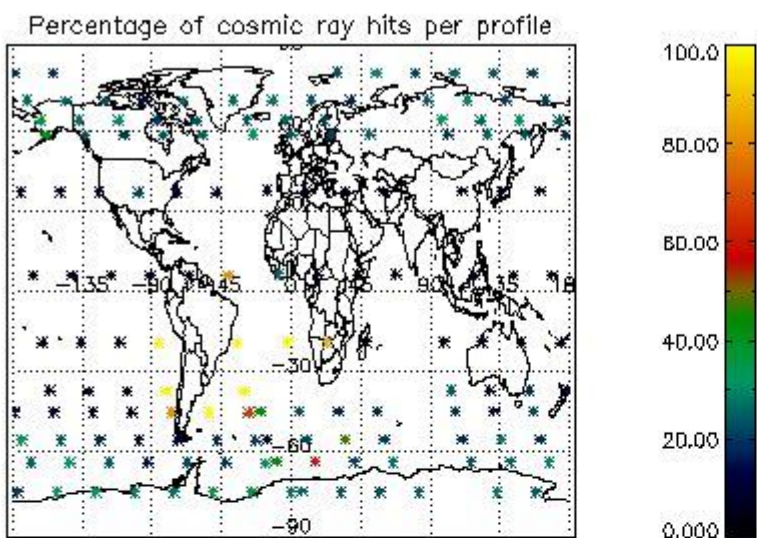


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



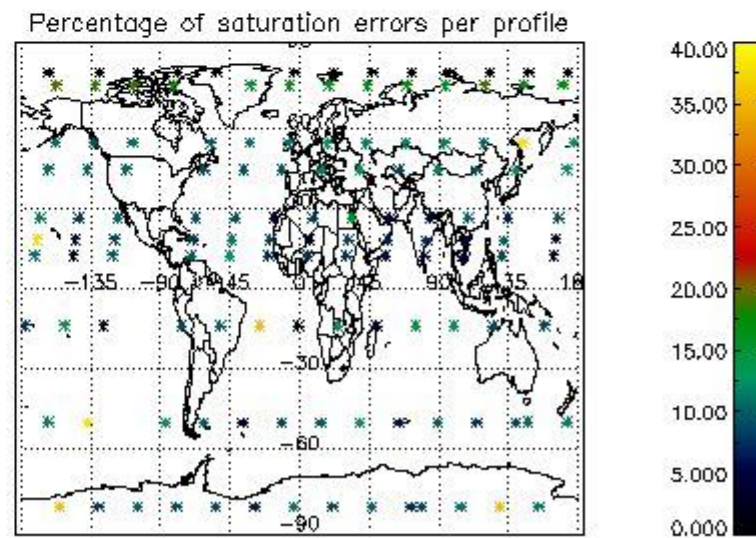
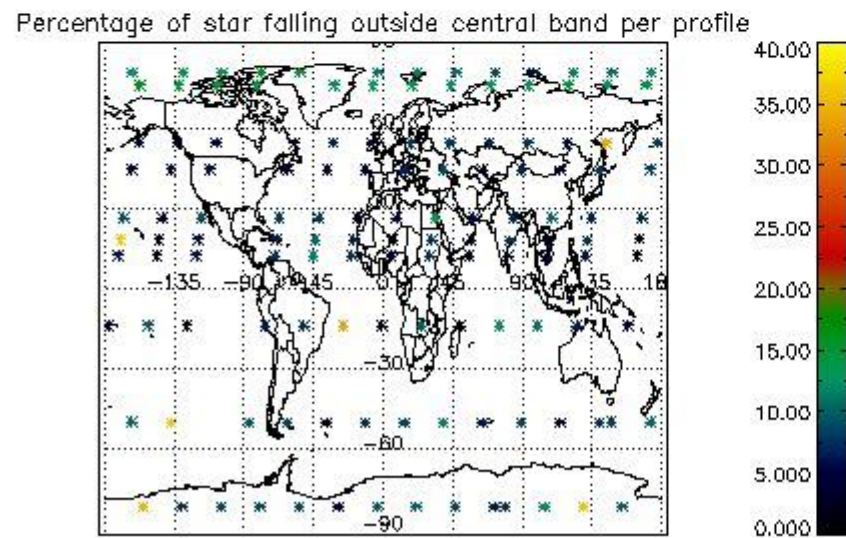
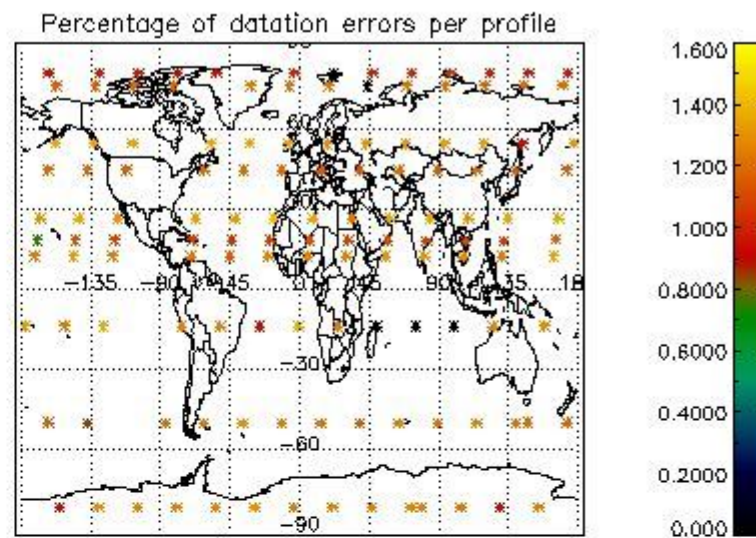
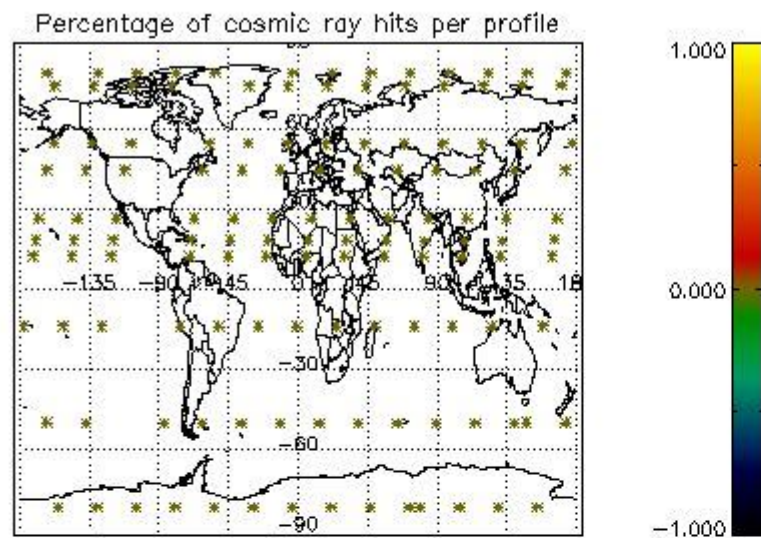
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 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

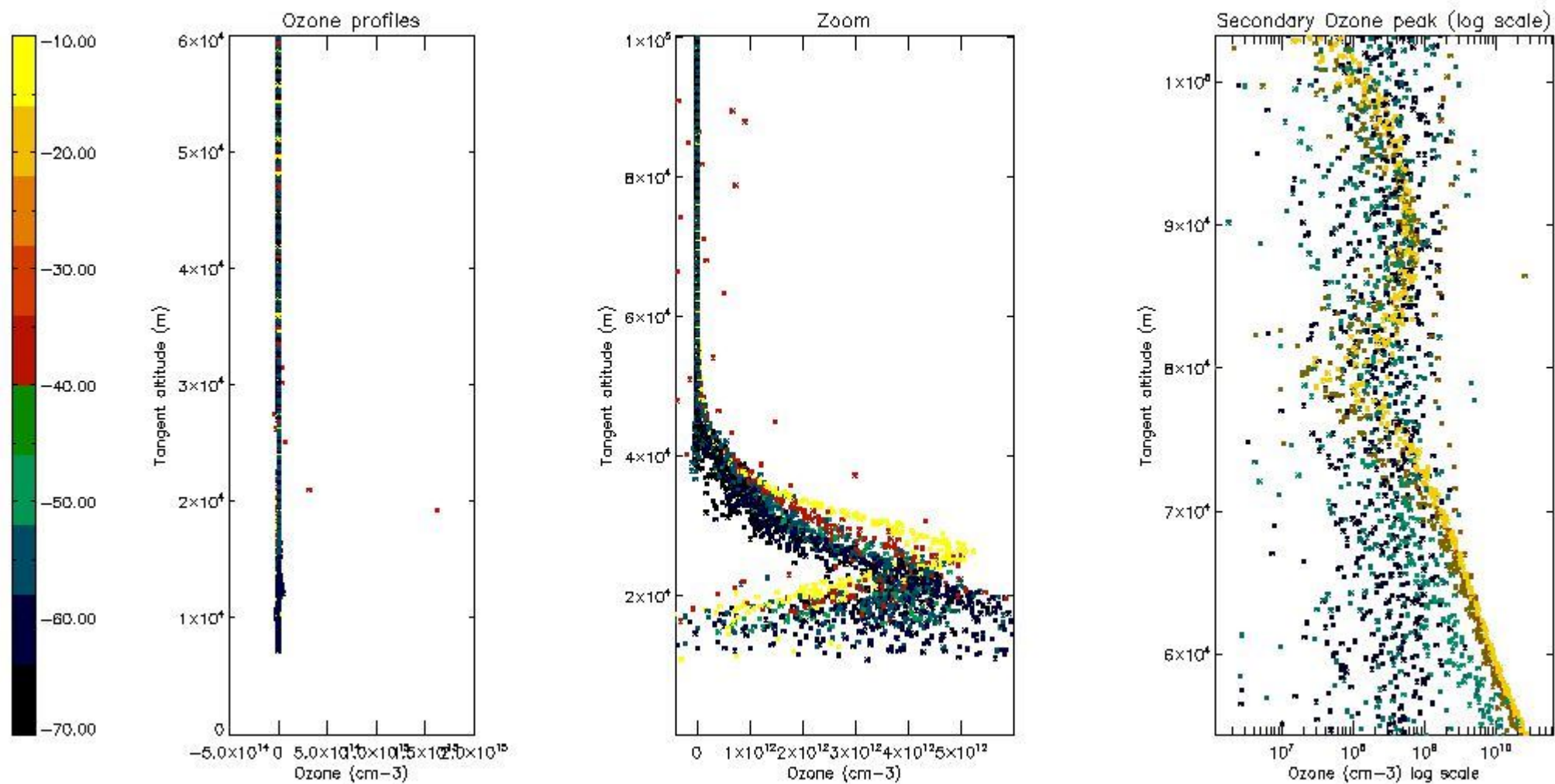
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	10

STD < 10	5
STD < 5	2

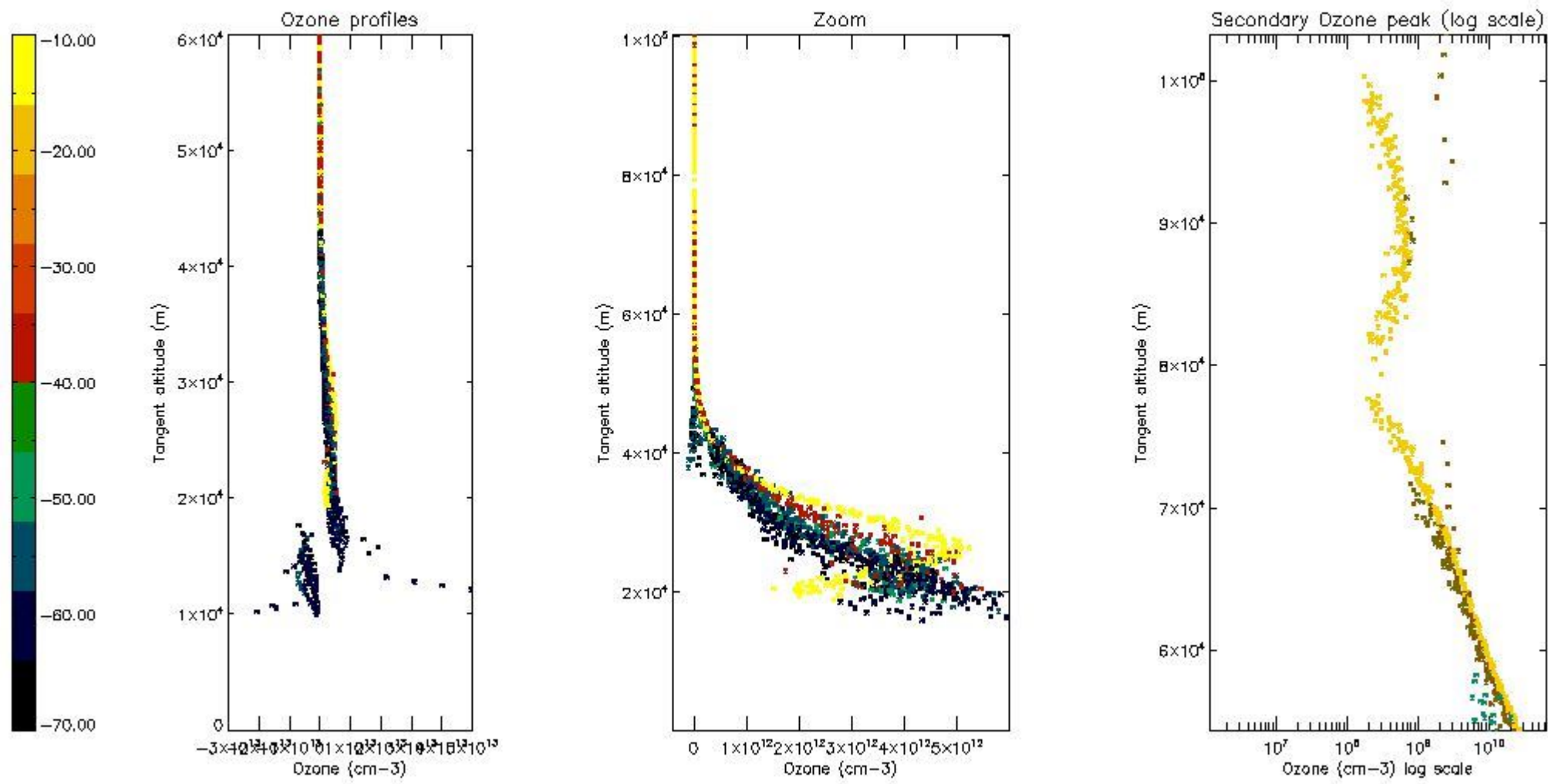
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

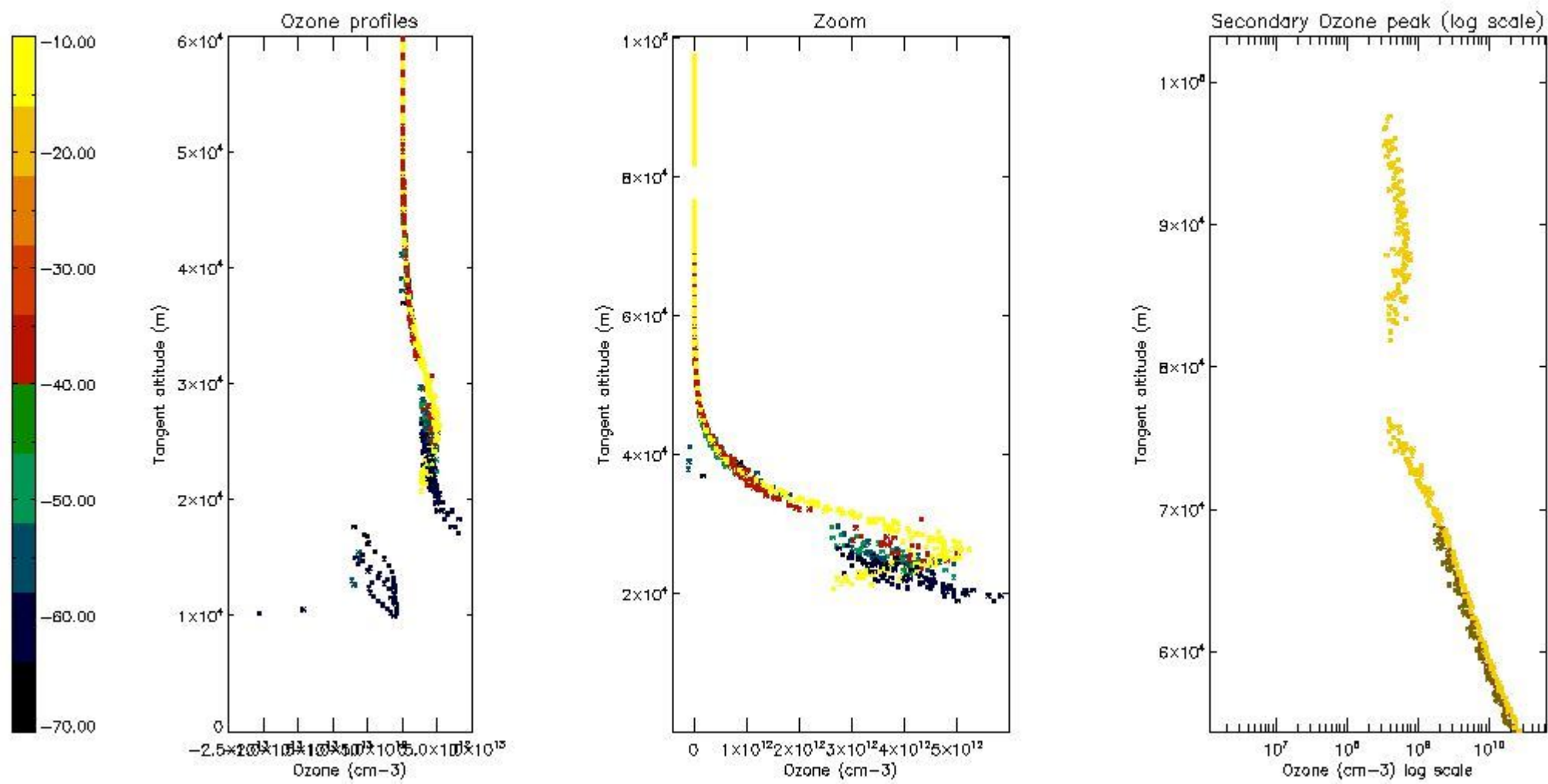
The colorbar represents the latitude.



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

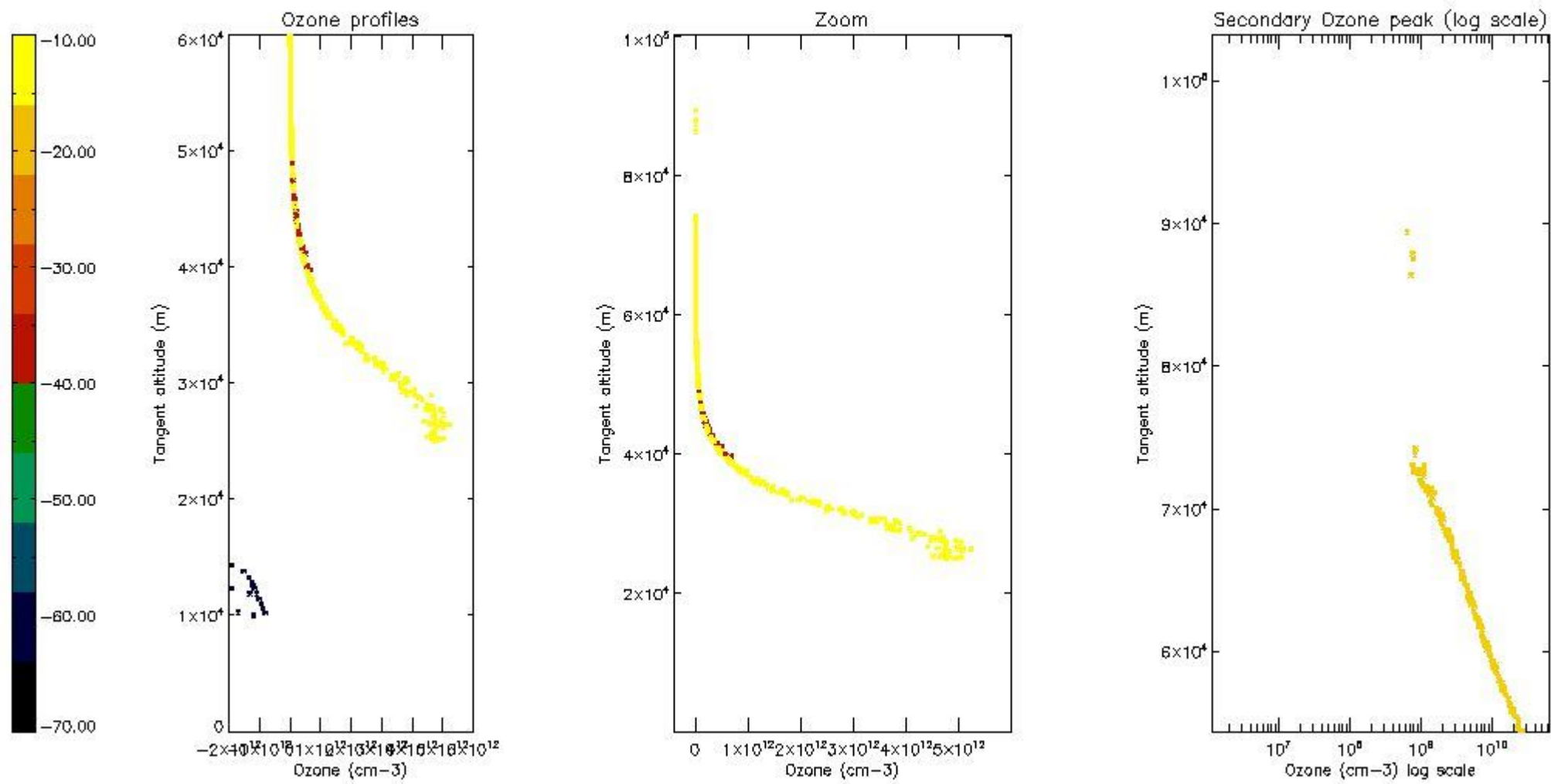
The colorbar represents the latitude.





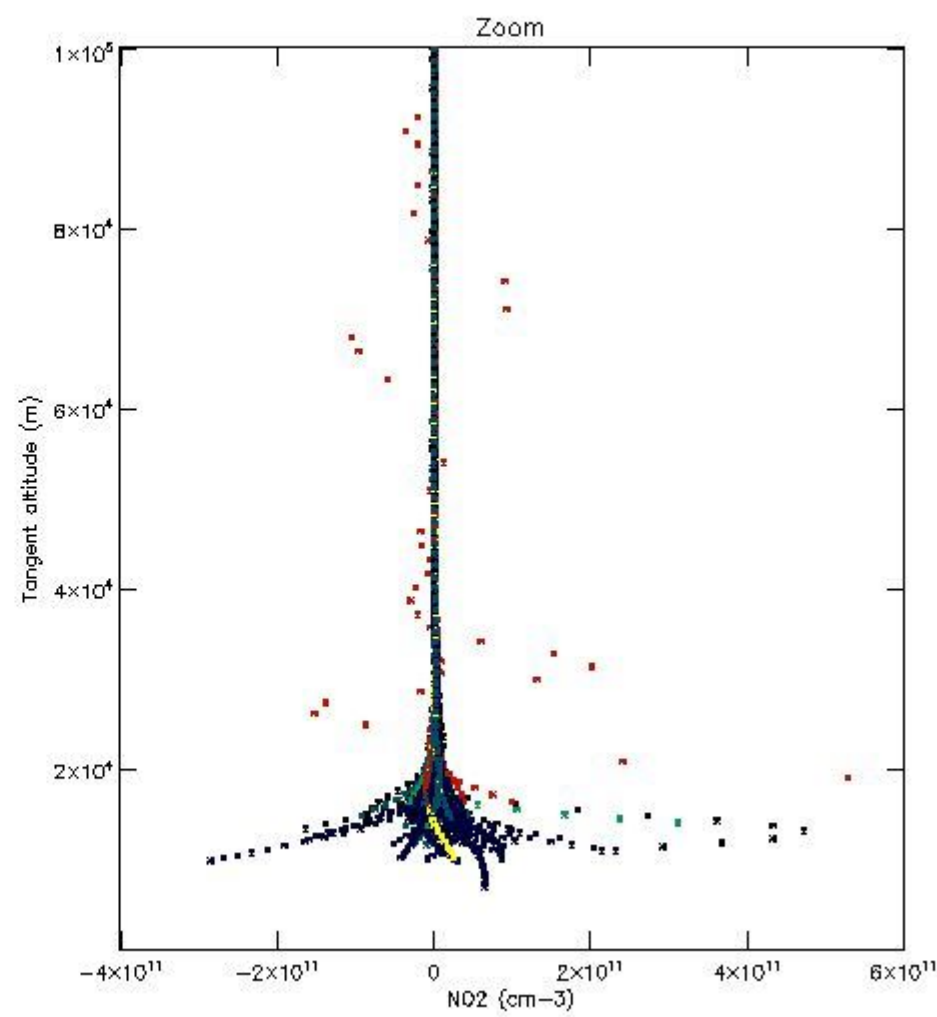
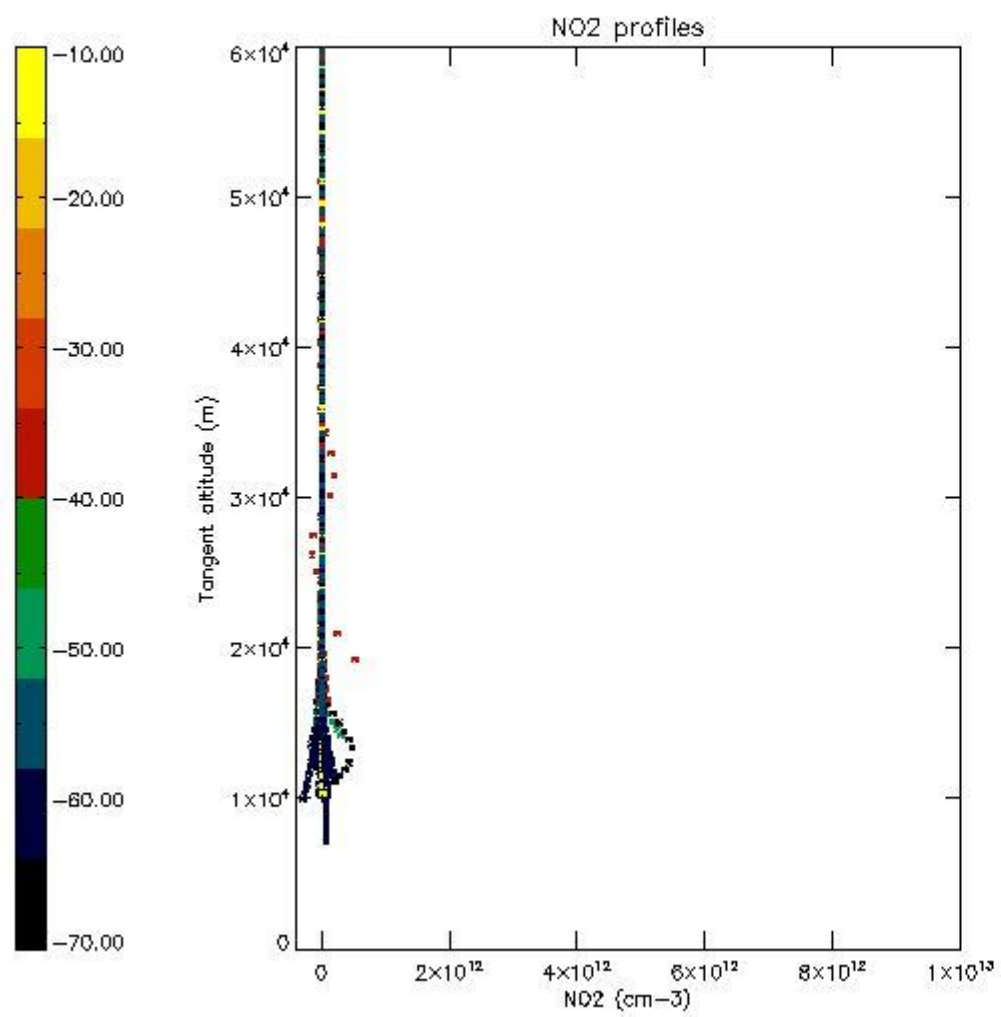
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

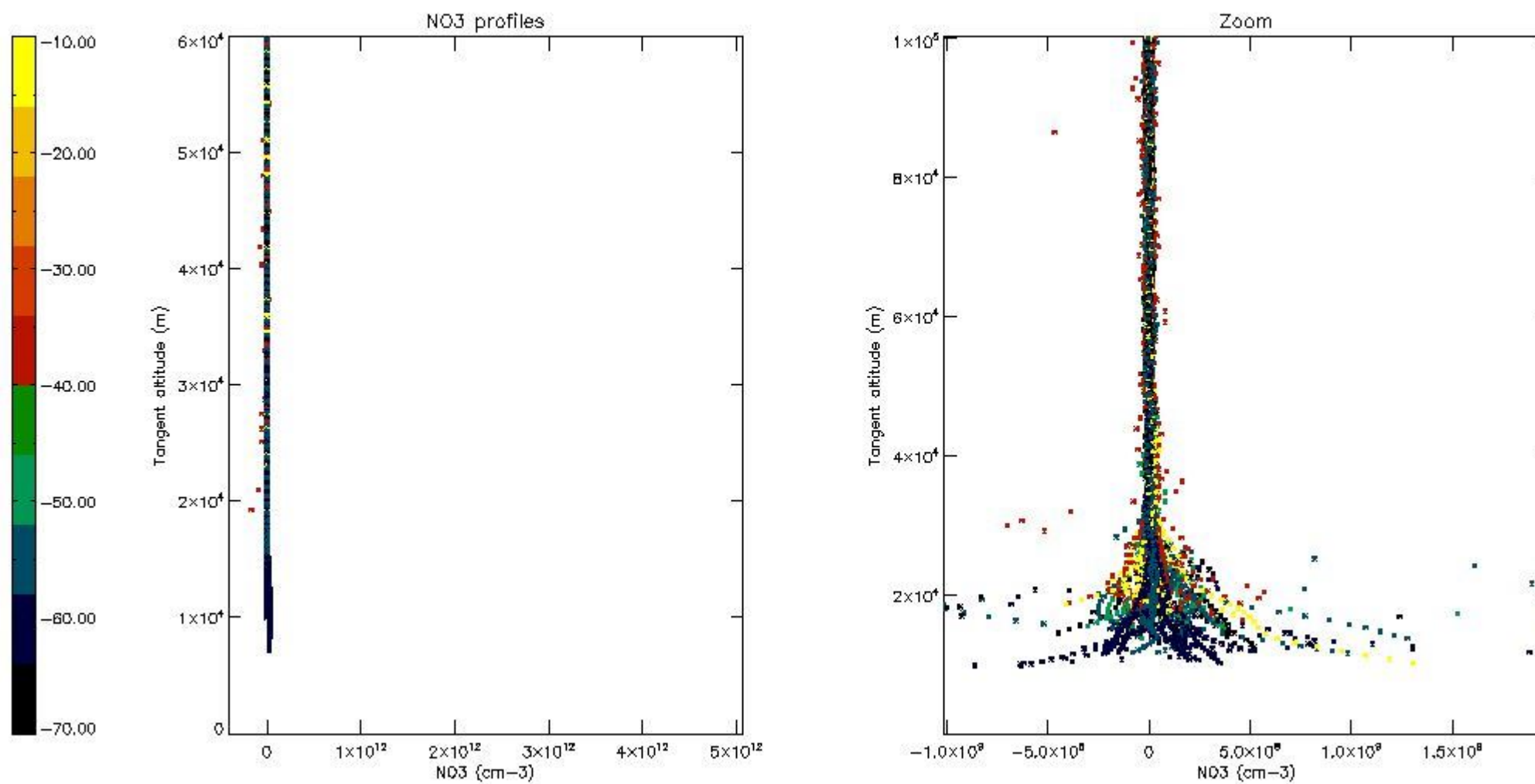
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-APR-2010 00:01:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-APR-2010 00:01:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-APR-2010 00:01:10

# GOMOS Level 2 Daily Report

## SUMMARY

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### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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

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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](#)

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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	29APR2013 09:57:47
Data source version	GOMOS/6.01
Start time of products	22-04-2010 (22APR2010 00:00:00)
Stop time of products	23-04-2010 (23APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	281
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__2PRFIN20100422_000110_000000412088_00431_42569_5639.N1	22-APR-2010 00:01:10	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42569	No
2	GOM_NL__2PRFIN20100422_001136_000000402088_00431_42569_5640.N1	22-APR-2010 00:11:36	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42569	No
3	GOM_NL__2PRFIN20100422_001545_000000402088_00431_42569_5641.N1	22-APR-2010 00:15:45	Twilight	40.000	90	54Alp Peg	2.4870	11000.	80	42569	No
4	GOM_NL__2PRFIN20100422_001911_000000532088_00431_42569_5642.N1	22-APR-2010 00:19:11	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42569	No
5	GOM_NL__2PRFIN20100422_002139_000000472088_00431_42569_5643.N1	22-APR-2010 00:21:39	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42569	No
6	GOM_NL__2PRFIN20100422_002437_000000512088_00431_42569_5644.N1	22-APR-2010 00:24:37	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42569	No
7	GOM_NL__2PRFIN20100422_002653_000000482088_00431_42569_5645.N1	22-APR-2010 00:26:53	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42569	No
8	GOM_NL__2PRFIN20100422_003159_000000402088_00431_42569_5646.N1	22-APR-2010 00:31:59	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42569	No
9	GOM_NL__2PRFIN20100422_003904_000000422088_00432_42570_5633.N1	22-APR-2010 00:39:04	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42570	No
10	GOM_NL__2PRFIN20100422_004746_000000652088_00432_42570_5634.N1	22-APR-2010 00:47:46	Straylight	64.500	40	The Sco	1.8590	7100.0	129	42570	No
11	GOM_NL__2PRFIN20100422_005355_000000422088_00432_42570_5635.N1	22-APR-2010 00:53:55	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42570	No
12	GOM_NL__2PRFIN20100422_005529_000000422088_00432_42570_5636.N1	22-APR-2010 00:55:29	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42570	No
13	GOM_NL__2PRFIN20100422_005744_000000462088_00432_42570_5637.N1	22-APR-2010 00:57:44	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42570	No
14	GOM_NL__2PRFIN20100422_010341_000000532088_00432_42570_5638.N1	22-APR-2010 01:03:41	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	42570	No
15	GOM_NL__2PRFIN20100422_010542_000000422088_00432_42570_5639.N1	22-APR-2010 01:05:42	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42570	No
16	GOM_NL__2PRFIN20100422_011218_000000542088_00432_42570_5640.N1	22-APR-2010 01:12:18	Bright	54.000	138	47Eps Vir	2.8280	4700.0	108	42570	No
17	GOM_NL__2PRFIN20100422_011511_000000442088_00432_42570_5641.N1	22-APR-2010 01:15:11	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42570	No
18	GOM_NL__2PRFIN20100422_012014_000000372088_00432_42570_5642.N1	22-APR-2010 01:20:14	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42570	No
19	GOM_NL__2PRFIN20100422_012235_000000482088_00432_42570_5643.N1	22-APR-2010 01:22:35	Bright	47.500	180	27Gam Boo	3.0400	8000.0	95	42570	No
20	GOM_NL__2PRFIN20100422_012414_000000402088_00432_42570_5644.N1	22-APR-2010 01:24:14	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42570	No
21	GOM_NL__2PRFIN20100422_013133_000000402088_00432_42570_5645.N1	22-APR-2010 01:31:33	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42570	No
22	GOM_NL__2PRFIN20100422_014146_000000402088_00432_42570_5646.N1	22-APR-2010 01:41:46	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42570	No
23	GOM_NL__2PRFIN20100422_015212_000000402088_00432_42570_5647.N1	22-APR-2010 01:52:12	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42570	No
24	GOM_NL__2PRFIN20100422_015621_000000432088_00432_42570_5648.N1	22-APR-2010 01:56:21	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	42570	No
25	GOM_NL__2PRFIN20100422_015948_000000532088_00432_42570_5649.N1	22-APR-2010 01:59:48	Dark	53.000	61	8Eps Peg	2.1000	3900.0	106	42570	No
26	GOM_NL__2PRFIN20100422_020215_000000472088_00432_42570_5650.N1	22-APR-2010 02:02:15	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	42570	No
27	GOM_NL__2PRFIN20100422_020514_000000522088_00432_42570_5651.N1	22-APR-2010 02:05:14	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42570	No
28	GOM_NL__2PRFIN20100422_021940_000000422088_00433_42571_5661.N1	22-APR-2010 02:19:40	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42571	No
29	GOM_NL__2PRFIN20100422_022823_000000572088_00433_42571_5662.N1	22-APR-2010 02:28:23	Straylight	56.500	40	The Sco	1.8590	7100.0	113	42571	No
30	GOM_NL__2PRFIN20100422_023431_000000442088_00433_42571_5663.N1	22-APR-2010 02:34:31	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42571	No
31	GOM_NL__2PRFIN20100422_023605_000000442088_00433_42571_5664.N1	22-APR-2010 02:36:05	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	42571	No
32	GOM_NL__2PRFIN20100422_023820_000000472088_00433_42571_5665.N1	22-APR-2010 02:38:20	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42571	No
33	GOM_NL__2PRFIN20100422_024250_000000432088_00433_42571_5666.N1	22-APR-2010 02:42:50	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	42571	No
34	GOM_NL__2PRFIN20100422_024417_000000522088_00433_42571_5667.N1	22-APR-2010 02:44:17	Bright	52.000	122	9Alp2Lib	2.7470	9700.0	104	42571	No
35	GOM_NL__2PRFIN20100422_024618_000000422088_00433_42571_5668.N1	22-APR-2010 02:46:18	Bright	42.000	15	67Alp Vir	0.97600	28000.	84	42571	No
36	GOM_NL__2PRFIN20100422_025254_000000382088_00433_42571_5669.N1	22-APR-2010 02:52:54	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42571	No
37	GOM_NL__2PRFIN20100422_025547_000000422088_00433_42571_5670.N1	22-APR-2010 02:55:47	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42571	No
38	GOM_NL__2PRFIN20100422_030050_000000392088_00433_42571_5671.N1	22-APR-2010 03:00:50	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42571	No
39	GOM_NL__2PRFIN20100422_030310_000000462088_00433_42571_5672.N1	22-APR-2010 03:03:10	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42571	No
40	GOM_NL__2PRFIN20100422_030450_000000392088_00433_42571_5673.N1	22-APR-2010 03:04:50	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	42571	No
41	GOM_NL__2PRFIN20100422_031209_000000412088_00433_42571_5674.N1	22-APR-2010 03:12:09	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42571	No
42	GOM_NL__2PRFIN20100422_032222_000000422088_00433_42571_5675.N1	22-APR-2010 03:22:22	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	42571	No



43	GOM_NL__2PRFIN20100422_033248_000000402088_00433_42571_5676.N1	22-APR-2010 03:32:48	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42571	No
44	GOM_NL__2PRFIN20100422_033658_000000402088_00433_42571_5677.N1	22-APR-2010 03:36:58	Twilight	40.000	90	54Alp Peg	2.4870	11000.	80	42571	No
45	GOM_NL__2PRFIN20100422_034024_000000552088_00433_42571_5678.N1	22-APR-2010 03:40:24	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42571	No
46	GOM_NL__2PRFIN20100422_034251_000000502088_00433_42571_5679.N1	22-APR-2010 03:42:51	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42571	No
47	GOM_NL__2PRFIN20100422_034551_000000552088_00433_42571_5680.N1	22-APR-2010 03:45:51	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42571	No
48	GOM_NL__2PRFIN20100422_034806_000000472088_00433_42571_5681.N1	22-APR-2010 03:48:06	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42571	No
49	GOM_NL__2PRFIN20100422_035313_000000412088_00433_42571_5682.N1	22-APR-2010 03:53:13	Dark	41.000	172	Gam Gru	3.0030	13100.	82	42571	No
50	GOM_NL__2PRFIN20100422_040017_000000402088_00434_42572_5677.N1	22-APR-2010 04:00:17	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42572	No
51	GOM_NL__2PRFIN20100422_040900_000000542088_00434_42572_5678.N1	22-APR-2010 04:09:00	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42572	No
52	GOM_NL__2PRFIN20100422_041507_000000442088_00434_42572_5679.N1	22-APR-2010 04:15:07	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42572	No
53	GOM_NL__2PRFIN20100422_041642_000000442088_00434_42572_5680.N1	22-APR-2010 04:16:42	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42572	No
54	GOM_NL__2PRFIN20100422_041856_000000472088_00434_42572_5681.N1	22-APR-2010 04:18:56	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42572	No
55	GOM_NL__2PRFIN20100422_042326_000000442088_00434_42572_5682.N1	22-APR-2010 04:23:26	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	42572	No
56	GOM_NL__2PRFIN20100422_042453_000000512088_00434_42572_5683.N1	22-APR-2010 04:24:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42572	No
57	GOM_NL__2PRFIN20100422_042655_000000432088_00434_42572_5684.N1	22-APR-2010 04:26:55	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42572	No
58	GOM_NL__2PRFIN20100422_043330_000000382088_00434_42572_5685.N1	22-APR-2010 04:33:30	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	42572	No
59	GOM_NL__2PRFIN20100422_043622_000000442088_00434_42572_5686.N1	22-APR-2010 04:36:22	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42572	No
60	GOM_NL__2PRFIN20100422_044126_000000372088_00434_42572_5687.N1	22-APR-2010 04:41:26	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42572	No
61	GOM_NL__2PRFIN20100422_044346_000000472088_00434_42572_5688.N1	22-APR-2010 04:43:46	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42572	No
62	GOM_NL__2PRFIN20100422_044526_000000392088_00434_42572_5689.N1	22-APR-2010 04:45:26	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	42572	No
63	GOM_NL__2PRFIN20100422_045244_000000422088_00434_42572_5690.N1	22-APR-2010 04:52:44	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	42572	No
64	GOM_NL__2PRFIN20100422_050258_000000402088_00434_42572_5691.N1	22-APR-2010 05:02:58	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	42572	No
65	GOM_NL__2PRFIN20100422_051324_000000412088_00434_42572_5692.N1	22-APR-2010 05:13:24	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42572	No
66	GOM_NL__2PRFIN20100422_051734_000000432088_00434_42572_5693.N1	22-APR-2010 05:17:34	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	42572	No
67	GOM_NL__2PRFIN20100422_052101_000000552088_00434_42572_5694.N1	22-APR-2010 05:21:01	Dark	54.500	61	8Eps Peg	2.1000	3900.0	109	42572	No
68	GOM_NL__2PRFIN20100422_052328_000000482088_00434_42572_5695.N1	22-APR-2010 05:23:28	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42572	No
69	GOM_NL__2PRFIN20100422_052627_000000522088_00434_42572_5696.N1	22-APR-2010 05:26:27	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	42572	No
70	GOM_NL__2PRFIN20100422_052844_000000472088_00434_42572_5697.N1	22-APR-2010 05:28:44	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42572	No
71	GOM_NL__2PRFIN20100422_053349_000000402088_00434_42572_5698.N1	22-APR-2010 05:33:49	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42572	No
72	GOM_NL__2PRFIN20100422_054054_000000412088_00435_42573_5685.N1	22-APR-2010 05:40:54	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42573	No
73	GOM_NL__2PRFIN20100422_054937_000000542088_00435_42573_5686.N1	22-APR-2010 05:49:37	Straylight	53.500	40	The Sco	1.8590	7100.0	107	42573	No
74	GOM_NL__2PRFIN20100422_055543_000000422088_00435_42573_5687.N1	22-APR-2010 05:55:43	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42573	No
75	GOM_NL__2PRFIN20100422_055718_000000442088_00435_42573_5688.N1	22-APR-2010 05:57:18	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42573	No
76	GOM_NL__2PRFIN20100422_055933_000000462088_00435_42573_5689.N1	22-APR-2010 05:59:33	Straylight	45.500	54	5The Cen	2.0550	4500.0	91	42573	No
77	GOM_NL__2PRFIN20100422_060402_000000422088_00435_42573_5690.N1	22-APR-2010 06:04:02	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	42573	No
78	GOM_NL__2PRFIN20100422_060529_000000512088_00435_42573_5691.N1	22-APR-2010 06:05:29	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42573	No
79	GOM_NL__2PRFIN20100422_060731_000000422088_00435_42573_5692.N1	22-APR-2010 06:07:31	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42573	No
80	GOM_NL__2PRFIN20100422_061406_000000382088_00435_42573_5693.N1	22-APR-2010 06:14:06	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42573	No
81	GOM_NL__2PRFIN20100422_061658_000000422088_00435_42573_5694.N1	22-APR-2010 06:16:58	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42573	No
82	GOM_NL__2PRFIN20100422_062202_000000372088_00435_42573_5695.N1	22-APR-2010 06:22:02	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42573	No
83	GOM_NL__2PRFIN20100422_062421_000000462088_00435_42573_5696.N1	22-APR-2010 06:24:21	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	42573	No
84	GOM_NL__2PRFIN20100422_062601_000000382088_00435_42573_5697.N1	22-APR-2010 06:26:01	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	42573	No
85	GOM_NL__2PRFIN20100422_063320_000000372088_00435_42573_5698.N1	22-APR-2010 06:33:20	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42573	No
86	GOM_NL__2PRFIN20100422_064333_000000442088_00435_42573_5699.N1	22-APR-2010 06:43:33	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42573	No
87	GOM_NL__2PRFIN20100422_065400_000000392088_00435_42573_5700.N1	22-APR-2010 06:54:00	Bright	38.500	164	44Eta Peg	2.9480	5400.0	77	42573	No
88	GOM_NL__2PRFIN20100422_065810_000000432088_00435_42573_5701.N1	22-APR-2010 06:58:10	Twilight	42.500	90	54Alp Peg	2.4870	11000.	85	42573	No
89	GOM_NL__2PRFIN20100422_070137_000000542088_00435_42573_5702.N1	22-APR-2010 07:01:37	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42573	No
90	GOM_NL__2PRFIN20100422_070405_000000472088_00435_42573_5703.N1	22-APR-2010 07:04:05	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42573	No
91	GOM_NL__2PRFIN20100422_070704_000000502088_00435_42573_5704.N1	22-APR-2010 07:07:04	Dark	50.000	154	22Bet Aqr	2.8990	5700.0	100	42573	No
92	GOM_NL__2PRFIN20100422_070920_000000472088_00435_42573_5705.N1	22-APR-2010 07:09:20	Dark	46.500	142	49Del Cap	2.8500	8900.0	93	42573	No
93	GOM_NL__2PRFIN20100422_071426_000000402088_00435_42573_5706.N1	22-APR-2010 07:14:26	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42573	No
94	GOM_NL__2PRFIN20100422_072130_000000382088_00436_42574_5693.N1	22-APR-2010 07:21:30	Dark	38.000	45	Alp Pav	1.9400	26000.	76	42574	No
95	GOM_NL__2PRFIN20100422_073014_000000582088_00436_42574_5694.N1	22-APR-2010 07:30:14	Straylight	58.000	40	The Sco	1.8590	7100.0	116	42574	No
96	GOM_NL__2PRFIN20100422_073620_000000422088_00436_42574_5695.N1	22-APR-2010 07:36:20	Straylight	42.000	78	Alp Lup	2.3040	28000.	84	42574	No
97	GOM_NL__2PRFIN20100422_073754_000000422088_00436_42574_5696.N1	22-APR-2010 07:37:54	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42574	No
98	GOM_NL__2PRFIN20100422_074009_000000472088_00436_42574_5697.N1	22-APR-2010 07:40:09	Straylight	46.500	54	5The Cen	2.0550	4500.0	93	42574	No
99	GOM_NL__2PRFIN20100422_074439_000000452088_00436_42574_5698.N1	22-APR-2010 07:44:39	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	42574	No
100	GOM_NL__2PRFIN20100422_074605_000000482088_00436_42574_5699.N1	22-APR-2010 07:46:05	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	42574	No
101	GOM_NL__2PRFIN20100422_074807_000000422088_00436_42574_5700.N1	22-APR-2010 07:48:07	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42574	No

102	GOM_NL__2PRFIN20100422_075442_000000382088_00436_42574_5701.N1	22-APR-2010 07:54:42	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42574	No
103	GOM_NL__2PRFIN20100422_075734_000000442088_00436_42574_5702.N1	22-APR-2010 07:57:34	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	42574	No
104	GOM_NL__2PRFIN20100422_080238_000000412088_00436_42574_5703.N1	22-APR-2010 08:02:38	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42574	No
105	GOM_NL__2PRFIN20100422_080456_000000472088_00436_42574_5704.N1	22-APR-2010 08:04:56	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42574	No
106	GOM_NL__2PRFIN20100422_080637_000000402088_00436_42574_5705.N1	22-APR-2010 08:06:37	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	42574	No
107	GOM_NL__2PRFIN20100422_081356_000000412088_00436_42574_5706.N1	22-APR-2010 08:13:56	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42574	No
108	GOM_NL__2PRFIN20100422_082409_000000412088_00436_42574_5707.N1	22-APR-2010 08:24:09	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42574	No
109	GOM_NL__2PRFIN20100422_083437_000000402088_00436_42574_5708.N1	22-APR-2010 08:34:37	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	42574	No
110	GOM_NL__2PRFIN20100422_083846_000000432088_00436_42574_5709.N1	22-APR-2010 08:38:46	Twi_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42574	No
111	GOM_NL__2PRFIN20100422_084214_000000542088_00436_42574_5710.N1	22-APR-2010 08:42:14	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42574	No
112	GOM_NL__2PRFIN20100422_084442_000000472088_00436_42574_5711.N1	22-APR-2010 08:44:42	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	42574	No
113	GOM_NL__2PRFIN20100422_084741_000000522088_00436_42574_5712.N1	22-APR-2010 08:47:41	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42574	No
114	GOM_NL__2PRFIN20100422_084957_000000462088_00436_42574_5713.N1	22-APR-2010 08:49:57	Dark	45.500	142	49Del Cap	2.8500	8900.0	91	42574	No
115	GOM_NL__2PRFIN20100422_085502_000000392088_00436_42574_5714.N1	22-APR-2010 08:55:02	Dark	39.000	172	Gam Gru	3.0030	13100.	78	42574	No
116	GOM_NL__2PRFIN20100422_090207_000000402088_00437_42575_5701.N1	22-APR-2010 09:02:07	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42575	No
117	GOM_NL__2PRFIN20100422_091051_000000552088_00437_42575_5702.N1	22-APR-2010 09:10:51	Straylight	55.000	40	The Sco	1.8590	7100.0	110	42575	No
118	GOM_NL__2PRFIN20100422_091656_000000422088_00437_42575_5703.N1	22-APR-2010 09:16:56	Straylight	41.500	78	Alp Lup	2.3040	28000.	83	42575	No
119	GOM_NL__2PRFIN20100422_091831_000000432088_00437_42575_5704.N1	22-APR-2010 09:18:31	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42575	No
120	GOM_NL__2PRFIN20100422_092045_000000472088_00437_42575_5705.N1	22-APR-2010 09:20:45	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42575	No
121	GOM_NL__2PRFIN20100422_092514_000000442088_00437_42575_5706.N1	22-APR-2010 09:25:14	Twi_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42575	No
122	GOM_NL__2PRFIN20100422_092641_000000502088_00437_42575_5707.N1	22-APR-2010 09:26:41	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	42575	No
123	GOM_NL__2PRFIN20100422_092843_000000412088_00437_42575_5708.N1	22-APR-2010 09:28:43	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42575	No
124	GOM_NL__2PRFIN20100422_093518_000000392088_00437_42575_5709.N1	22-APR-2010 09:35:18	Bright	38.500	138	47Eps Vir	2.8280	4700.0	77	42575	No
125	GOM_NL__2PRFIN20100422_093809_000000442088_00437_42575_5710.N1	22-APR-2010 09:38:09	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42575	No
126	GOM_NL__2PRFIN20100422_094313_000000372088_00437_42575_5711.N1	22-APR-2010 09:43:13	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42575	No
127	GOM_NL__2PRFIN20100422_094532_000000452088_00437_42575_5712.N1	22-APR-2010 09:45:32	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42575	No
128	GOM_NL__2PRFIN20100422_094712_000000402088_00437_42575_5713.N1	22-APR-2010 09:47:12	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42575	No
129	GOM_NL__2PRFIN20100422_095431_000000362088_00437_42575_5714.N1	22-APR-2010 09:54:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42575	No
130	GOM_NL__2PRFIN20100422_100445_000000412088_00437_42575_5715.N1	22-APR-2010 10:04:45	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42575	No
131	GOM_NL__2PRFIN20100422_101513_000000402088_00437_42575_5716.N1	22-APR-2010 10:15:13	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42575	No
132	GOM_NL__2PRFIN20100422_101922_000000422088_00437_42575_5717.N1	22-APR-2010 10:19:22	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42575	No
133	GOM_NL__2PRFIN20100422_102250_000000622088_00437_42575_5718.N1	22-APR-2010 10:22:50	Dark	62.000	61	8Eps Peg	2.1000	3900.0	124	42575	No
134	GOM_NL__2PRFIN20100422_102518_000000512088_00437_42575_5719.N1	22-APR-2010 10:25:18	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	42575	No
135	GOM_NL__2PRFIN20100422_102818_000000552088_00437_42575_5720.N1	22-APR-2010 10:28:18	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	42575	No
136	GOM_NL__2PRFIN20100422_103033_000000452088_00437_42575_5721.N1	22-APR-2010 10:30:33	Dark	45.000	142	49Del Cap	2.8500	8900.0	90	42575	No
137	GOM_NL__2PRFIN20100422_103538_000000412088_00437_42575_5722.N1	22-APR-2010 10:35:38	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42575	No
138	GOM_NL__2PRFIN20100422_104243_000000402088_00438_42576_5709.N1	22-APR-2010 10:42:43	Dark	40.000	45	Alp Pav	1.9400	26000.	80	42576	No
139	GOM_NL__2PRFIN20100422_105128_000000532088_00438_42576_5710.N1	22-APR-2010 10:51:28	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42576	No
140	GOM_NL__2PRFIN20100422_105733_000000402088_00438_42576_5711.N1	22-APR-2010 10:57:33	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42576	No
141	GOM_NL__2PRFIN20100422_105907_000000432088_00438_42576_5712.N1	22-APR-2010 10:59:07	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42576	No
142	GOM_NL__2PRFIN20100422_110121_000000462088_00438_42576_5713.N1	22-APR-2010 11:01:21	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42576	No
143	GOM_NL__2PRFIN20100422_110550_000000442088_00438_42576_5714.N1	22-APR-2010 11:05:50	Twi_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42576	No
144	GOM_NL__2PRFIN20100422_110717_000000512088_00438_42576_5715.N1	22-APR-2010 11:07:17	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42576	No
145	GOM_NL__2PRFIN20100422_110919_000000412088_00438_42576_5716.N1	22-APR-2010 11:09:19	Bright	41.000	15	67Alp Vir	0.97600	28000.	82	42576	No
146	GOM_NL__2PRFIN20100422_111553_000000372088_00438_42576_5717.N1	22-APR-2010 11:15:53	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42576	No
147	GOM_NL__2PRFIN20100422_111845_000000422088_00438_42576_5718.N1	22-APR-2010 11:18:45	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42576	No
148	GOM_NL__2PRFIN20100422_112349_000000352088_00438_42576_5719.N1	22-APR-2010 11:23:49	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	42576	No
149	GOM_NL__2PRFIN20100422_112607_000000472088_00438_42576_5720.N1	22-APR-2010 11:26:07	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	42576	No
150	GOM_NL__2PRFIN20100422_112748_000000402088_00438_42576_5721.N1	22-APR-2010 11:27:48	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	42576	No
151	GOM_NL__2PRFIN20100422_113507_000000562088_00438_42576_5722.N1	22-APR-2010 11:35:07	Bright	56.000	60	7Bet UMi	2.0810	3950.0	112	42576	No
152	GOM_NL__2PRFIN20100422_114520_000000392088_00438_42576_5723.N1	22-APR-2010 11:45:20	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42576	No
153	GOM_NL__2PRFIN20100422_115549_000000402088_00438_42576_5724.N1	22-APR-2010 11:55:49	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42576	No
154	GOM_NL__2PRFIN20100422_115958_000000422088_00438_42576_5725.N1	22-APR-2010 11:59:58	Twi_and_stray	42.000	90	54Alp Peg	2.4870	11000.	84	42576	No
155	GOM_NL__2PRFIN20100422_120327_000000562088_00438_42576_5726.N1	22-APR-2010 12:03:27	Dark	56.000	61	8Eps Peg	2.1000	3900.0	112	42576	No
156	GOM_NL__2PRFIN20100422_120554_000000502088_00438_42576_5727.N1	22-APR-2010 12:05:54	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42576	No
157	GOM_NL__2PRFIN20100422_120855_000000552088_00438_42576_5728.N1	22-APR-2010 12:08:55	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	42576	No
158	GOM_NL__2PRFIN20100422_121110_000000462088_00438_42576_5729.N1	22-APR-2010 12:11:10	Dark	46.000	142	49Del Cap	2.8500	8900.0	92	42576	No
159	GOM_NL__2PRFIN20100422_121615_000000412088_00438_42576_5730.N1	22-APR-2010 12:16:15	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42576	No
160	GOM_NL__2PRFIN20100422_122320_000000422088_00439_42577_5717.N1	22-APR-2010 12:23:20	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42577	No

161	GOM_NL__2PRFIN20100422_123205_000000512088_00439_42577_5718.N1	22-APR-2010 12:32:05	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42577	No
162	GOM_NL__2PRFIN20100422_123809_000000402088_00439_42577_5719.N1	22-APR-2010 12:38:09	Straylight	39.500	78	Alp Lup	2.3040	28000.	79	42577	No
163	GOM_NL__2PRFIN20100422_123943_000000422088_00439_42577_5720.N1	22-APR-2010 12:39:43	Straylight	41.500	81	Eta Cen	2.3560	28000.	83	42577	No
164	GOM_NL__2PRFIN20100422_124157_000000452088_00439_42577_5721.N1	22-APR-2010 12:41:57	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42577	No
165	GOM_NL__2PRFIN20100422_124626_000000442088_00439_42577_5722.N1	22-APR-2010 12:46:26	Tw_i_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	42577	No
166	GOM_NL__2PRFIN20100422_124753_000000512088_00439_42577_5723.N1	22-APR-2010 12:47:53	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	42577	No
167	GOM_NL__2PRFIN20100422_124955_000000422088_00439_42577_5724.N1	22-APR-2010 12:49:55	Bright	41.500	15	67Alp Vir	0.97600	28000.	83	42577	No
168	GOM_NL__2PRFIN20100422_125629_000000372088_00439_42577_5725.N1	22-APR-2010 12:56:29	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42577	No
169	GOM_NL__2PRFIN20100422_125920_000000422088_00439_42577_5726.N1	22-APR-2010 12:59:20	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42577	No
170	GOM_NL__2PRFIN20100422_130424_000000382088_00439_42577_5727.N1	22-APR-2010 13:04:24	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42577	No
171	GOM_NL__2PRFIN20100422_130642_000000482088_00439_42577_5728.N1	22-APR-2010 13:06:42	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	42577	No
172	GOM_NL__2PRFIN20100422_130823_000000432088_00439_42577_5729.N1	22-APR-2010 13:08:23	Bright	43.000	39	85Eta UMa	1.8540	24000.	86	42577	No
173	GOM_NL__2PRFIN20100422_131543_000000402088_00439_42577_5730.N1	22-APR-2010 13:15:43	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	42577	No
174	GOM_NL__2PRFIN20100422_132556_000000412088_00439_42577_5731.N1	22-APR-2010 13:25:56	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	42577	No
175	GOM_NL__2PRFIN20100422_133625_000000392088_00439_42577_5732.N1	22-APR-2010 13:36:25	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	42577	No
176	GOM_NL__2PRFIN20100422_134035_000000412088_00439_42577_5733.N1	22-APR-2010 13:40:35	Tw_i_and_stray	41.000	90	54Alp Peg	2.4870	11000.	82	42577	No
177	GOM_NL__2PRFIN20100422_134403_000000572088_00439_42577_5734.N1	22-APR-2010 13:44:03	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	42577	No
178	GOM_NL__2PRFIN20100422_134630_000000492088_00439_42577_5735.N1	22-APR-2010 13:46:30	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	42577	No
179	GOM_NL__2PRFIN20100422_134931_000000512088_00439_42577_5736.N1	22-APR-2010 13:49:31	Dark	51.000	154	22Bet Aqr	2.8990	5700.0	102	42577	No
180	GOM_NL__2PRFIN20100422_135147_000000482088_00439_42577_5737.N1	22-APR-2010 13:51:47	Dark	47.500	142	49Del Cap	2.8500	8900.0	95	42577	No
181	GOM_NL__2PRFIN20100422_135651_000000412088_00439_42577_5738.N1	22-APR-2010 13:56:51	Dark	40.500	172	Gam Gru	3.0030	13100.	81	42577	No
182	GOM_NL__2PRFIN20100422_140356_000000402088_00440_42578_5725.N1	22-APR-2010 14:03:56	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42578	No
183	GOM_NL__2PRFIN20100422_141241_000000522088_00440_42578_5726.N1	22-APR-2010 14:12:41	Straylight	52.000	40	The Sco	1.8590	7100.0	104	42578	No
184	GOM_NL__2PRFIN20100422_141845_000000402088_00440_42578_5727.N1	22-APR-2010 14:18:45	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	42578	No
185	GOM_NL__2PRFIN20100422_142020_000000452088_00440_42578_5728.N1	22-APR-2010 14:20:20	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42578	No
186	GOM_NL__2PRFIN20100422_142233_000000452088_00440_42578_5729.N1	22-APR-2010 14:22:33	Straylight	45.000	54	5The Cen	2.0550	4500.0	90	42578	No
187	GOM_NL__2PRFIN20100422_142703_000000432088_00440_42578_5730.N1	22-APR-2010 14:27:03	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42578	No
188	GOM_NL__2PRFIN20100422_142829_000000512088_00440_42578_5731.N1	22-APR-2010 14:28:29	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	42578	No
189	GOM_NL__2PRFIN20100422_143031_000000412088_00440_42578_5732.N1	22-APR-2010 14:30:31	Bright	40.500	15	67Alp Vir	0.97600	28000.	81	42578	No
190	GOM_NL__2PRFIN20100422_143705_000000372088_00440_42578_5733.N1	22-APR-2010 14:37:05	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42578	No
191	GOM_NL__2PRFIN20100422_143956_000000422088_00440_42578_5734.N1	22-APR-2010 14:39:56	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42578	No
192	GOM_NL__2PRFIN20100422_144501_000000382088_00440_42578_5735.N1	22-APR-2010 14:45:01	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	42578	No
193	GOM_NL__2PRFIN20100422_144717_000000472088_00440_42578_5736.N1	22-APR-2010 14:47:17	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	42578	No
194	GOM_NL__2PRFIN20100422_144859_000000412088_00440_42578_5737.N1	22-APR-2010 14:48:59	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	42578	No
195	GOM_NL__2PRFIN20100422_145618_000000402088_00440_42578_5738.N1	22-APR-2010 14:56:18	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	42578	No
196	GOM_NL__2PRFIN20100422_150632_000000422088_00440_42578_5739.N1	22-APR-2010 15:06:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42578	No
197	GOM_NL__2PRFIN20100422_151701_000000562088_00440_42578_5740.N1	22-APR-2010 15:17:01	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	42578	No
198	GOM_NL__2PRFIN20100422_152111_000000442088_00440_42578_5741.N1	22-APR-2010 15:21:11	Tw_i_and_stray	44.000	90	54Alp Peg	2.4870	11000.	88	42578	No
199	GOM_NL__2PRFIN20100422_152440_000000562088_00440_42578_5742.N1	22-APR-2010 15:24:40	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42578	No
200	GOM_NL__2PRFIN20100422_152707_000000482088_00440_42578_5743.N1	22-APR-2010 15:27:07	Dark	48.000	162	34Alp Aqr	2.9440	5350.0	96	42578	No
201	GOM_NL__2PRFIN20100422_153008_000000512088_00440_42578_5744.N1	22-APR-2010 15:30:08	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42578	No
202	GOM_NL__2PRFIN20100422_153224_000000452088_00440_42578_5745.N1	22-APR-2010 15:32:24	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42578	No
203	GOM_NL__2PRFIN20100422_153728_000000402088_00440_42578_5746.N1	22-APR-2010 15:37:28	Dark	39.500	172	Gam Gru	3.0030	13100.	79	42578	No
204	GOM_NL__2PRFIN20100422_172509_000000412088_00442_42580_5742.N1	22-APR-2010 17:25:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42580	No
205	GOM_NL__2PRFIN20100422_173356_000000512088_00442_42580_5743.N1	22-APR-2010 17:33:56	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42580	No
206	GOM_NL__2PRFIN20100422_173958_000000442088_00442_42580_5744.N1	22-APR-2010 17:39:58	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42580	No
207	GOM_NL__2PRFIN20100422_174346_000000462088_00442_42580_5745.N1	22-APR-2010 17:43:46	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42580	No
208	GOM_NL__2PRFIN20100422_174941_000000532088_00442_42580_5746.N1	22-APR-2010 17:49:41	Bright	53.000	122	9Alp2Lib	2.7470	9700.0	106	42580	No
209	GOM_NL__2PRFIN20100422_175143_000000432088_00442_42580_5747.N1	22-APR-2010 17:51:43	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42580	No
210	GOM_NL__2PRFIN20100422_175817_000000372088_00442_42580_5748.N1	22-APR-2010 17:58:17	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42580	No
211	GOM_NL__2PRFIN20100422_180107_000000432088_00442_42580_5749.N1	22-APR-2010 18:01:07	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	42580	No
212	GOM_NL__2PRFIN20100422_180612_000000382088_00442_42580_5750.N1	22-APR-2010 18:06:12	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	42580	No
213	GOM_NL__2PRFIN20100422_180828_000000462088_00442_42580_5751.N1	22-APR-2010 18:08:28	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	42580	No
214	GOM_NL__2PRFIN20100422_181010_000000412088_00442_42580_5752.N1	22-APR-2010 18:10:10	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42580	No
215	GOM_NL__2PRFIN20100422_181730_000000372088_00442_42580_5753.N1	22-APR-2010 18:17:30	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42580	No
216	GOM_NL__2PRFIN20100422_182743_000000592088_00442_42580_5754.N1	22-APR-2010 18:27:43	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	42580	No
217	GOM_NL__2PRFIN20100422_183813_000000412088_00442_42580_5755.N1	22-APR-2010 18:38:13	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	42580	No
218	GOM_NL__2PRFIN20100422_184223_000000432088_00442_42580_5756.N1	22-APR-2010 18:42:23	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42580	No
219	GOM_NL__2PRFIN20100422_184553_000000542088_00442_42580_5757.N1	22-APR-2010 18:45:53	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	42580	No



220	GOM_NL__2PRFIN20100422_184820_00000482088_00442_42580_5758.N1	22-APR-2010 18:48:20	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	42580	No
221	GOM_NL__2PRFIN20100422_185122_00000512088_00442_42580_5759.N1	22-APR-2010 18:51:22	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42580	No
222	GOM_NL__2PRFIN20100422_185841_00000402088_00442_42580_5760.N1	22-APR-2010 18:58:41	Dark	40.000	172	Gam Gru	3.0030	13100.	80	42580	No
223	GOM_NL__2PRFIN20100422_190546_00000472088_00443_42581_5750.N1	22-APR-2010 19:05:46	Dark	47.000	45	Alp Pav	1.9400	26000.	94	42581	No
224	GOM_NL__2PRFIN20100422_191433_00000512088_00443_42581_5751.N1	22-APR-2010 19:14:33	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42581	No
225	GOM_NL__2PRFIN20100422_192034_00000412088_00443_42581_5752.N1	22-APR-2010 19:20:34	Straylight	41.000	78	Alp Lup	2.3040	28000.	82	42581	No
226	GOM_NL__2PRFIN20100422_192208_00000422088_00443_42581_5753.N1	22-APR-2010 19:22:08	Straylight	42.000	81	Eta Cen	2.3560	28000.	84	42581	No
227	GOM_NL__2PRFIN20100422_192422_00000472088_00443_42581_5754.N1	22-APR-2010 19:24:22	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42581	No
228	GOM_NL__2PRFIN20100422_193017_00000552088_00443_42581_5755.N1	22-APR-2010 19:30:17	Bright	54.500	122	9Alp2Lib	2.7470	9700.0	109	42581	No
229	GOM_NL__2PRFIN20100422_193219_00000432088_00443_42581_5756.N1	22-APR-2010 19:32:19	Bright	42.500	15	67Alp Vir	0.97600	28000.	85	42581	No
230	GOM_NL__2PRFIN20100422_193853_00000372088_00443_42581_5757.N1	22-APR-2010 19:38:53	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	42581	No
231	GOM_NL__2PRFIN20100422_194143_00000432088_00443_42581_5758.N1	22-APR-2010 19:41:43	Bright	42.500	111	8Eta Boo	2.6800	6000.0	85	42581	No
232	GOM_NL__2PRFIN20100422_194648_00000372088_00443_42581_5759.N1	22-APR-2010 19:46:48	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	42581	No
233	GOM_NL__2PRFIN20100422_194903_00000452088_00443_42581_5760.N1	22-APR-2010 19:49:03	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	42581	No
234	GOM_NL__2PRFIN20100422_195045_00000382088_00443_42581_5761.N1	22-APR-2010 19:50:45	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	42581	No
235	GOM_NL__2PRFIN20100422_195805_00000412088_00443_42581_5762.N1	22-APR-2010 19:58:05	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42581	No
236	GOM_NL__2PRFIN20100422_200819_00000432088_00443_42581_5763.N1	22-APR-2010 20:08:19	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	42581	No
237	GOM_NL__2PRFIN20100422_201849_00000562088_00443_42581_5764.N1	22-APR-2010 20:18:49	Bright	56.000	164	44Eta Peg	2.9480	5400.0	112	42581	No
238	GOM_NL__2PRFIN20100422_202259_00000432088_00443_42581_5765.N1	22-APR-2010 20:22:59	Tw_i_and_stray	42.500	90	54Alp Peg	2.4870	11000.	85	42581	No
239	GOM_NL__2PRFIN20100422_202629_00000542088_00443_42581_5766.N1	22-APR-2010 20:26:29	Dark	54.000	61	8Eps Peg	2.1000	3900.0	108	42581	No
240	GOM_NL__2PRFIN20100422_202857_00000522088_00443_42581_5767.N1	22-APR-2010 20:28:57	Dark	52.000	162	34Alp Aqr	2.9440	5350.0	104	42581	No
241	GOM_NL__2PRFIN20100422_203158_00000512088_00443_42581_5768.N1	22-APR-2010 20:31:58	Dark	50.500	154	22Bet Aqr	2.8990	5700.0	101	42581	No
242	GOM_NL__2PRFIN20100422_203918_00000422088_00443_42581_5769.N1	22-APR-2010 20:39:18	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42581	No
243	GOM_NL__2PRFIN20100422_204622_00000402088_00444_42582_5828.N1	22-APR-2010 20:46:22	Dark	39.500	45	Alp Pav	1.9400	26000.	79	42582	No
244	GOM_NL__2PRFIN20100422_205510_00000582088_00444_42582_5829.N1	22-APR-2010 20:55:10	Straylight	57.500	40	The Sco	1.8590	7100.0	115	42582	No
245	GOM_NL__2PRFIN20100422_210110_00000432088_00444_42582_5830.N1	22-APR-2010 21:01:10	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42582	No
246	GOM_NL__2PRFIN20100422_210245_00000432088_00444_42582_5831.N1	22-APR-2010 21:02:45	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42582	No
247	GOM_NL__2PRFIN20100422_210458_00000472088_00444_42582_5832.N1	22-APR-2010 21:04:58	Straylight	47.000	54	5The Cen	2.0550	4500.0	94	42582	No
248	GOM_NL__2PRFIN20100422_211053_00000522088_00444_42582_5833.N1	22-APR-2010 21:10:53	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	42582	No
249	GOM_NL__2PRFIN20100422_211255_00000432088_00444_42582_5834.N1	22-APR-2010 21:12:55	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42582	No
250	GOM_NL__2PRFIN20100422_211929_00000372088_00444_42582_5835.N1	22-APR-2010 21:19:29	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	42582	No
251	GOM_NL__2PRFIN20100422_212218_00000422088_00444_42582_5836.N1	22-APR-2010 21:22:18	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	42582	No
252	GOM_NL__2PRFIN20100422_212724_00000392088_00444_42582_5837.N1	22-APR-2010 21:27:24	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42582	No
253	GOM_NL__2PRFIN20100422_212939_00000672088_00444_42582_5838.N1	22-APR-2010 21:29:39	Bright	67.000	180	27Gam Boo	3.0400	8000.0	134	42582	No
254	GOM_NL__2PRFIN20100422_213121_00000412088_00444_42582_5839.N1	22-APR-2010 21:31:21	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	42582	No
255	GOM_NL__2PRFIN20100422_213841_00000382088_00444_42582_5840.N1	22-APR-2010 21:38:41	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	42582	No
256	GOM_NL__2PRFIN20100422_214854_00000432088_00444_42582_5841.N1	22-APR-2010 21:48:54	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	42582	No
257	GOM_NL__2PRFIN20100422_215925_00000412088_00444_42582_5842.N1	22-APR-2010 21:59:25	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	42582	No
258	GOM_NL__2PRFIN20100422_220335_00000432088_00444_42582_5843.N1	22-APR-2010 22:03:35	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42582	No
259	GOM_NL__2PRFIN20100422_220705_00000562088_00444_42582_5844.N1	22-APR-2010 22:07:05	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	42582	No
260	GOM_NL__2PRFIN20100422_220933_00000492088_00444_42582_5845.N1	22-APR-2010 22:09:33	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	42582	No
261	GOM_NL__2PRFIN20100422_221235_00000532088_00444_42582_5846.N1	22-APR-2010 22:12:35	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	42582	No
262	GOM_NL__2PRFIN20100422_221954_00000422088_00444_42582_5847.N1	22-APR-2010 22:19:54	Dark	41.500	172	Gam Gru	3.0030	13100.	83	42582	No
263	GOM_NL__2PRFIN20100422_222659_00000412088_00445_42583_5836.N1	22-APR-2010 22:26:59	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42583	No
264	GOM_NL__2PRFIN20100422_223546_00000592088_00445_42583_5837.N1	22-APR-2010 22:35:46	Straylight	58.500	40	The Sco	1.8590	7100.0	117	42583	No
265	GOM_NL__2PRFIN20100422_224147_00000432088_00445_42583_5838.N1	22-APR-2010 22:41:47	Straylight	42.500	78	Alp Lup	2.3040	28000.	85	42583	No
266	GOM_NL__2PRFIN20100422_224321_00000442088_00445_42583_5839.N1	22-APR-2010 22:43:21	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42583	No
267	GOM_NL__2PRFIN20100422_224535_00000442088_00445_42583_5840.N1	22-APR-2010 22:45:35	Straylight	44.000	54	5The Cen	2.0550	4500.0	88	42583	No
268	GOM_NL__2PRFIN20100422_225129_00000522088_00445_42583_5841.N1	22-APR-2010 22:51:29	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	42583	No
269	GOM_NL__2PRFIN20100422_225331_00000432088_00445_42583_5842.N1	22-APR-2010 22:53:31	Bright	43.000	15	67Alp Vir	0.97600	28000.	86	42583	No
270	GOM_NL__2PRFIN20100422_230004_00000382088_00445_42583_5843.N1	22-APR-2010 23:00:04	Bright	38.000	138	47Eps Vir	2.8280	4700.0	76	42583	No
271	GOM_NL__2PRFIN20100422_230254_00000442088_00445_42583_5844.N1	22-APR-2010 23:02:54	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	42583	No
272	GOM_NL__2PRFIN20100422_230800_00000372088_00445_42583_5845.N1	22-APR-2010 23:08:00	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	42583	No
273	GOM_NL__2PRFIN20100422_231013_00000432088_00445_42583_5846.N1	22-APR-2010 23:10:13	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	42583	No
274	GOM_NL__2PRFIN20100422_231156_00000372088_00445_42583_5847.N1	22-APR-2010 23:11:56	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	42583	No
275	GOM_NL__2PRFIN20100422_231917_00000392088_00445_42583_5848.N1	22-APR-2010 23:19:17	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42583	No
276	GOM_NL__2PRFIN20100422_232930_00000422088_00445_42583_5849.N1	22-APR-2010 23:29:30	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	42583	No
277	GOM_NL__2PRFIN20100422_234001_00000402088_00445_42583_5850.N1	22-APR-2010 23:40:01	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	42583	No
278	GOM_NL__2PRFIN20100422_234412_00000432088_00445_42583_5851.N1	22-APR-2010 23:44:12	Tw_i_and_stray	43.000	90	54Alp Peg	2.4870	11000.	86	42583	No

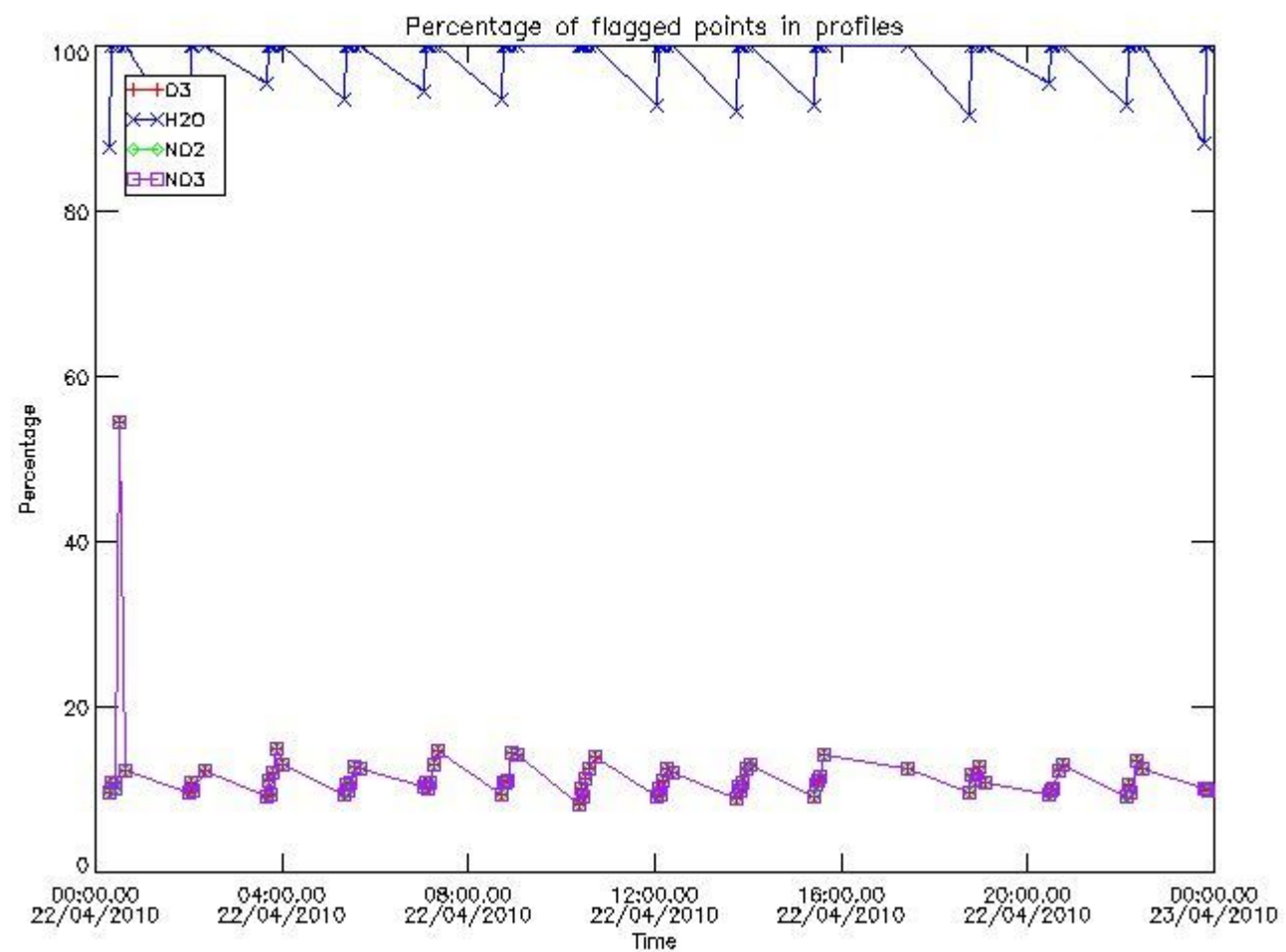


279	GOM_NL__2PRFIN20100422_234742_000000552088_00445_42583_5852.N1	22-APR-2010 23:47:42	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	42583	No
280	GOM_NL__2PRFIN20100422_235009_000000502088_00445_42583_5853.N1	22-APR-2010 23:50:09	Dark	50.000	162	34Alp Aqr	2.9440	5350.0	100	42583	No
281	GOM_NL__2PRFIN20100422_235312_000000522088_00445_42583_5854.N1	22-APR-2010 23:53:12	Dark	51.500	154	22Bet Aqr	2.8990	5700.0	103	42583	No

### 3. Quality information per product

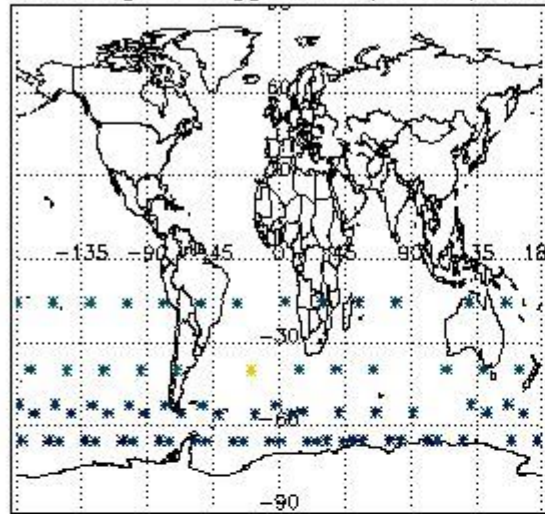
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

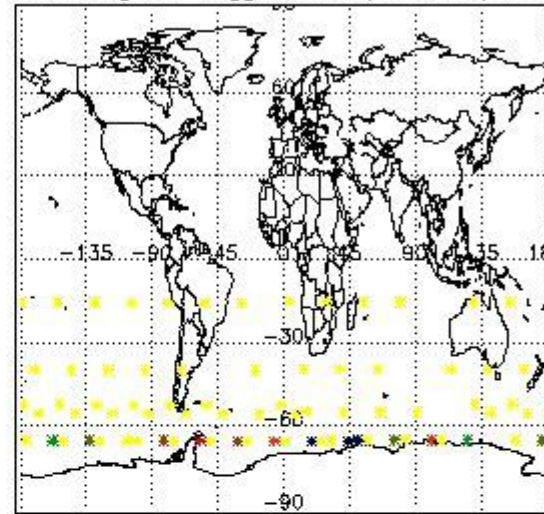


#### 3.2 Plot quality information per product (world map)

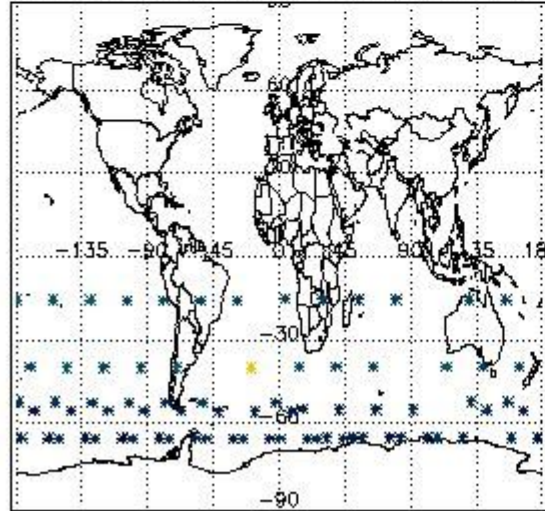
Percentage of flagged data per O3 profile



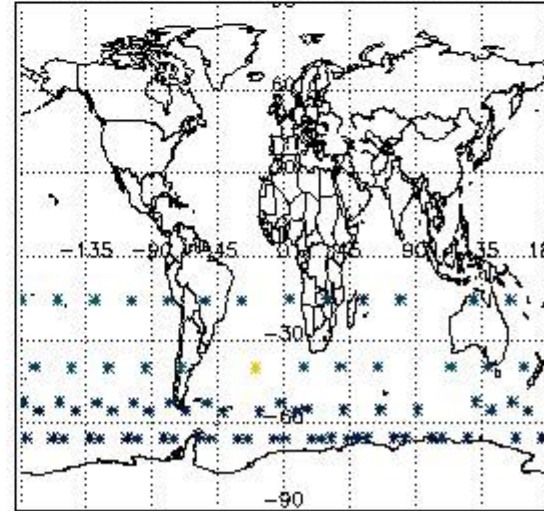
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

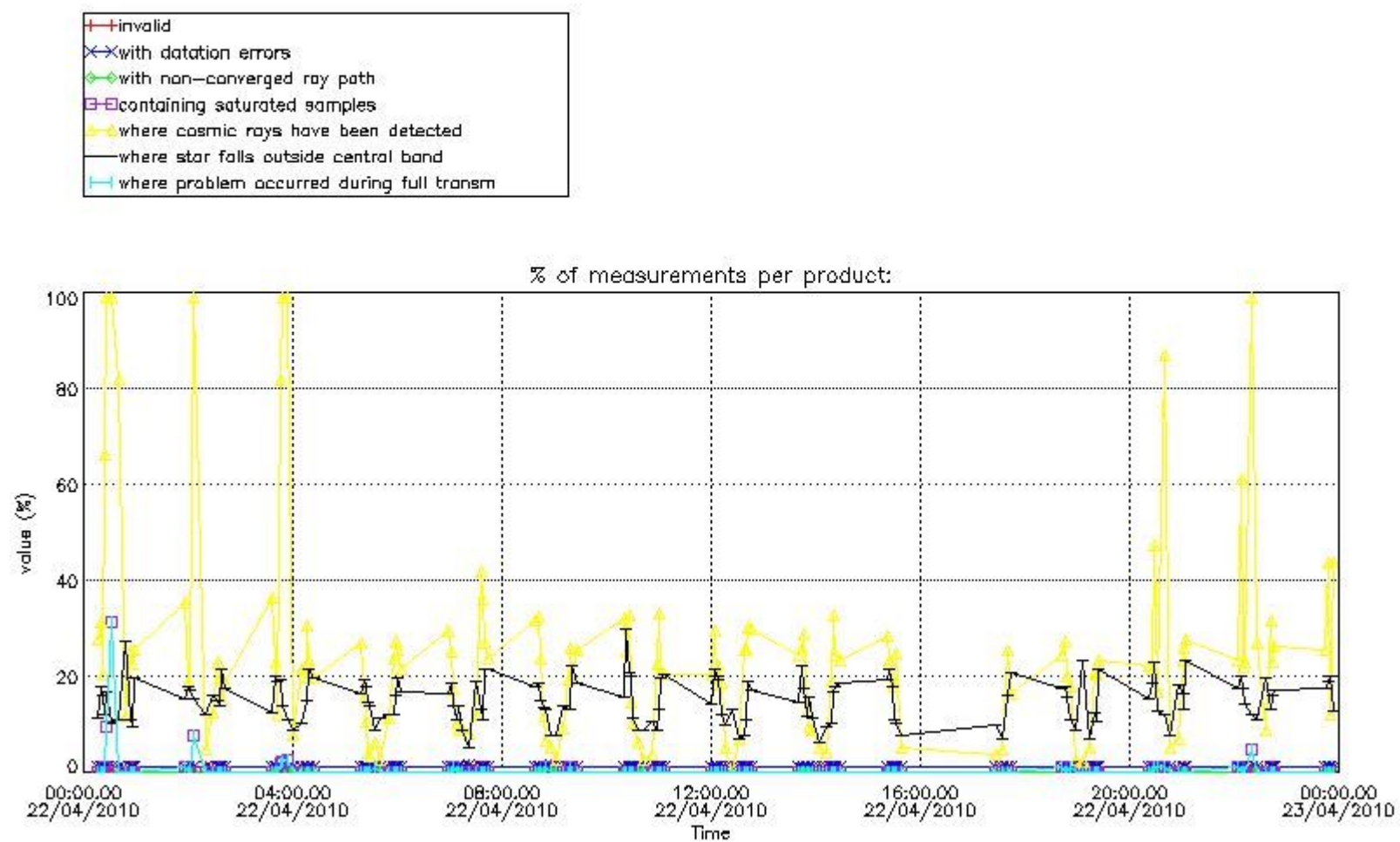


#### 4. Level 1 quality information per product

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.

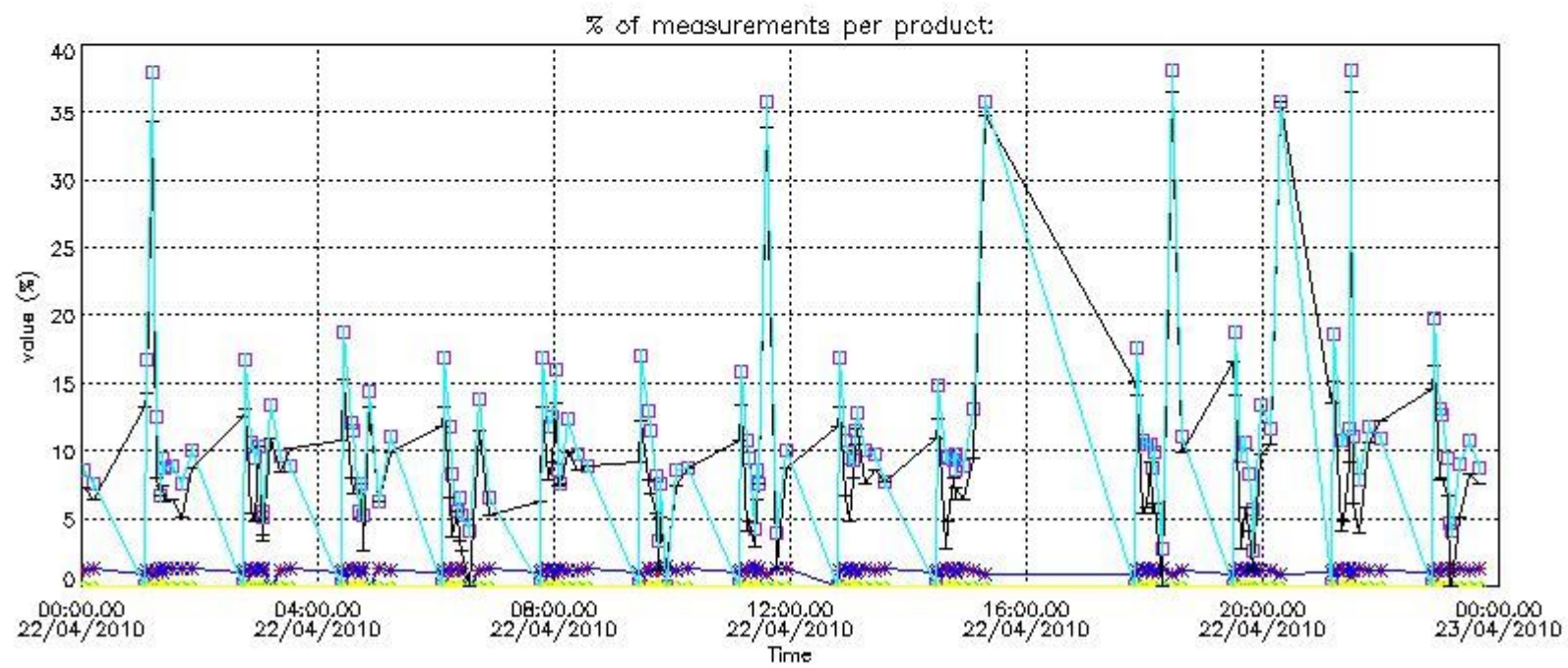
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

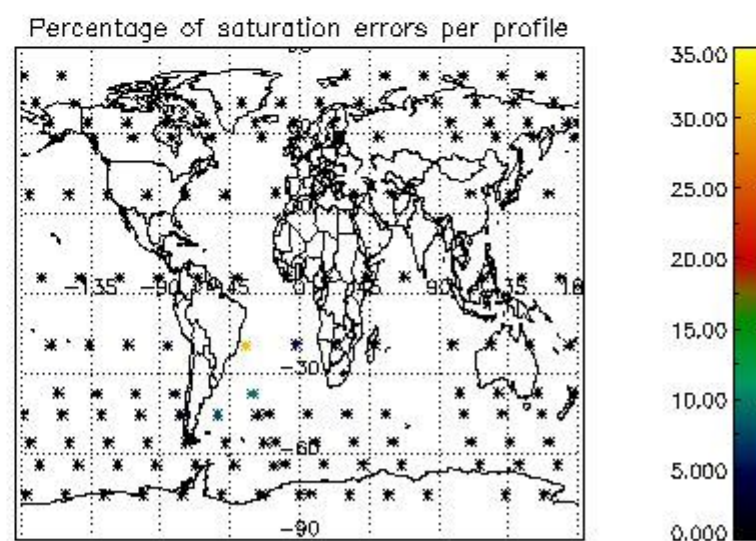
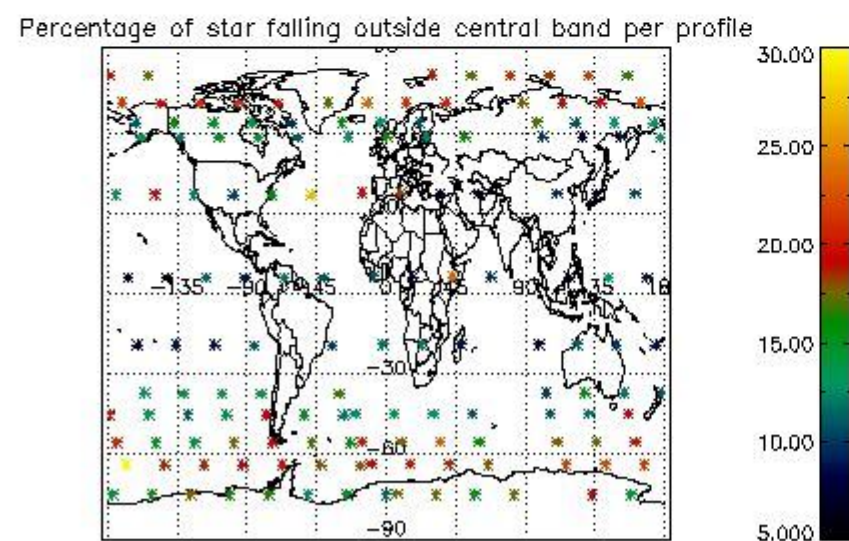
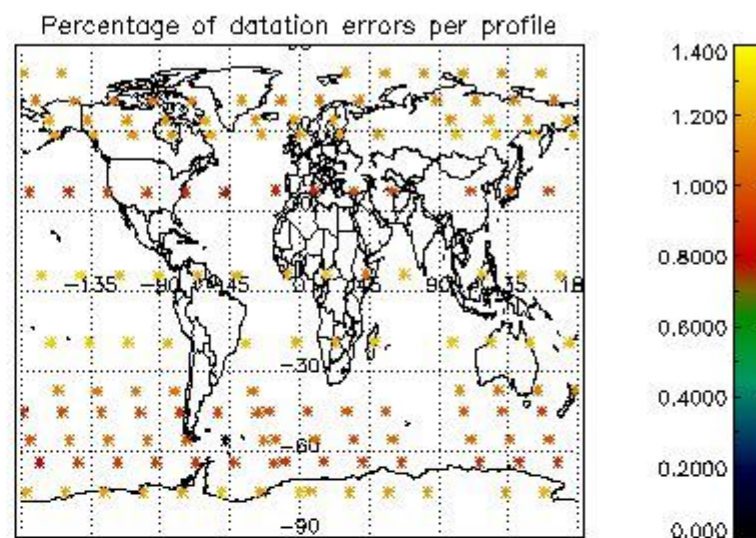
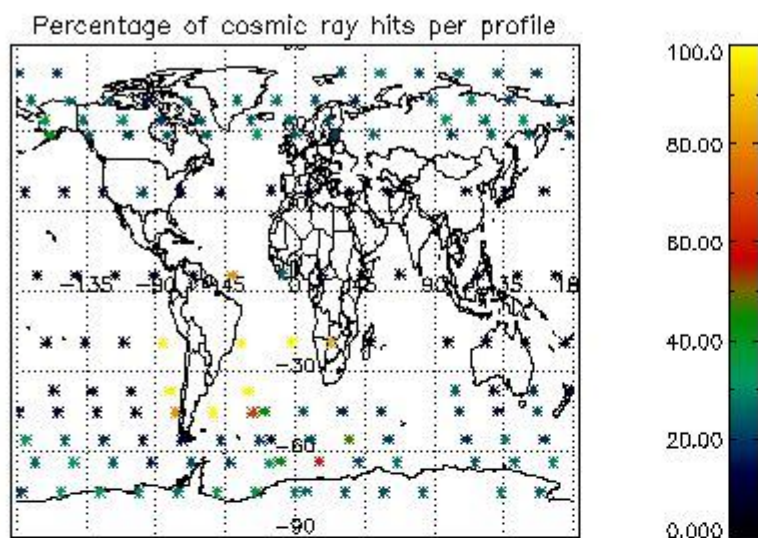




#### 4.2 Plot quality information per product coming from level 1b processing (world map)

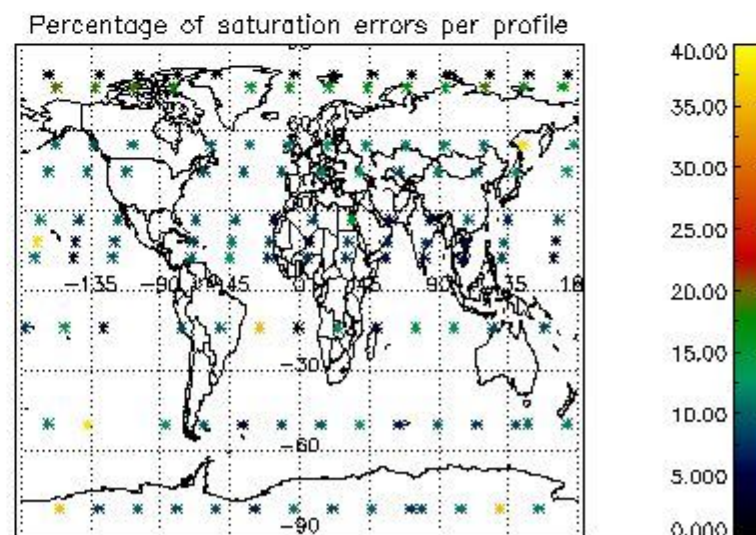
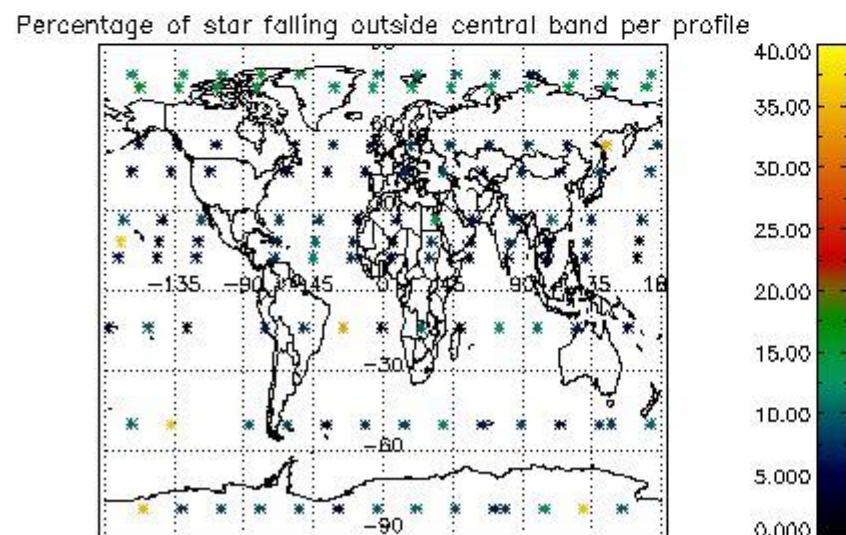
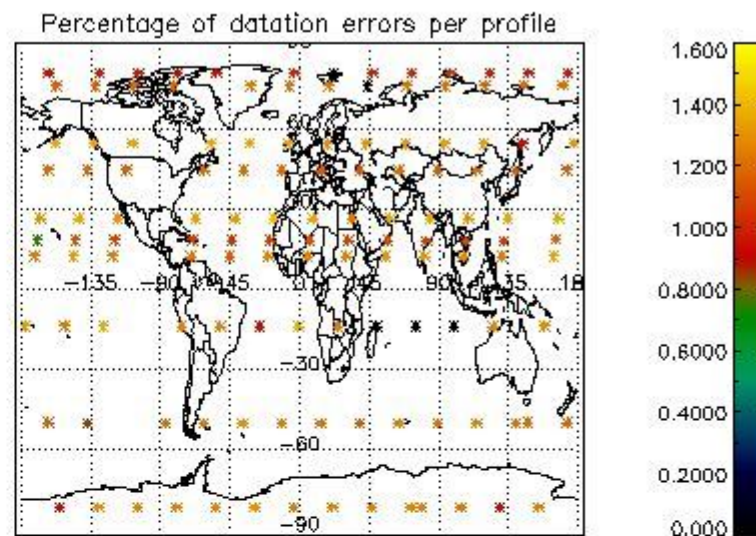
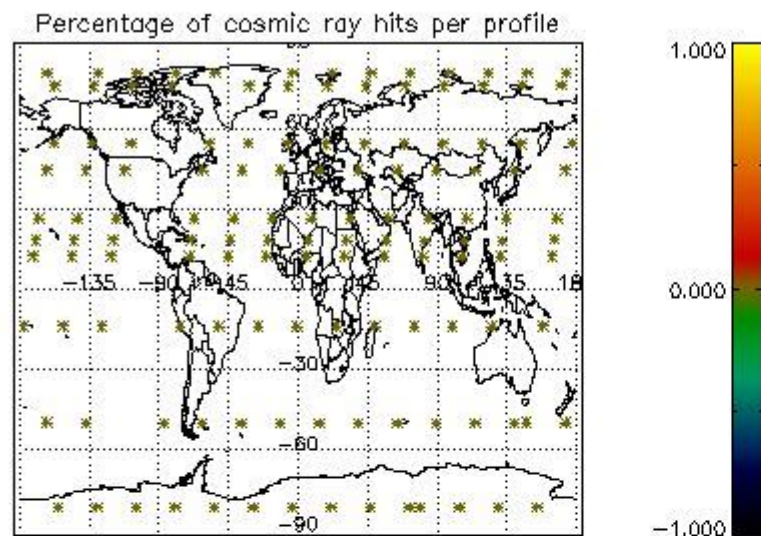
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

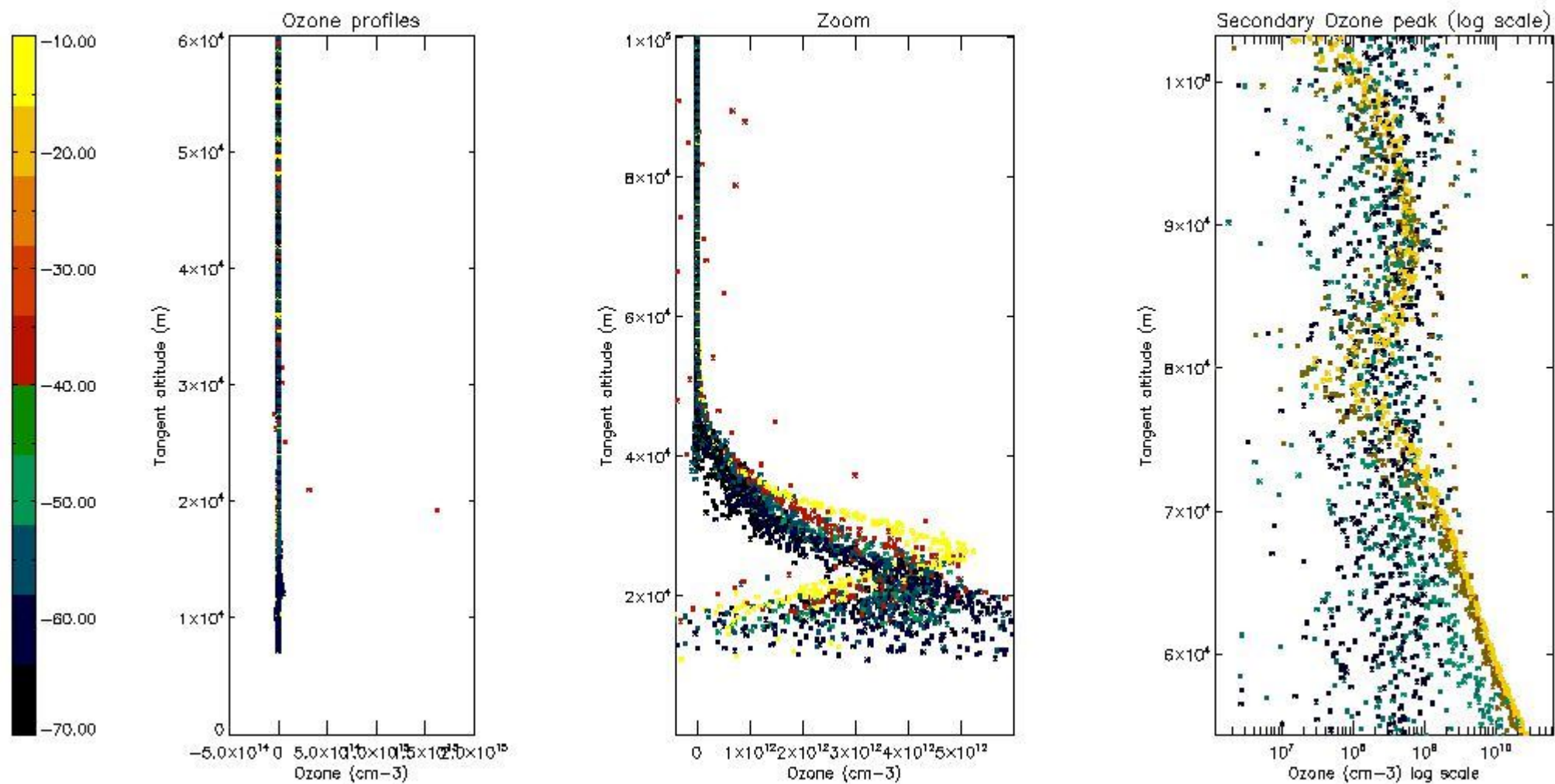
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	10

STD < 10	5
STD < 5	2

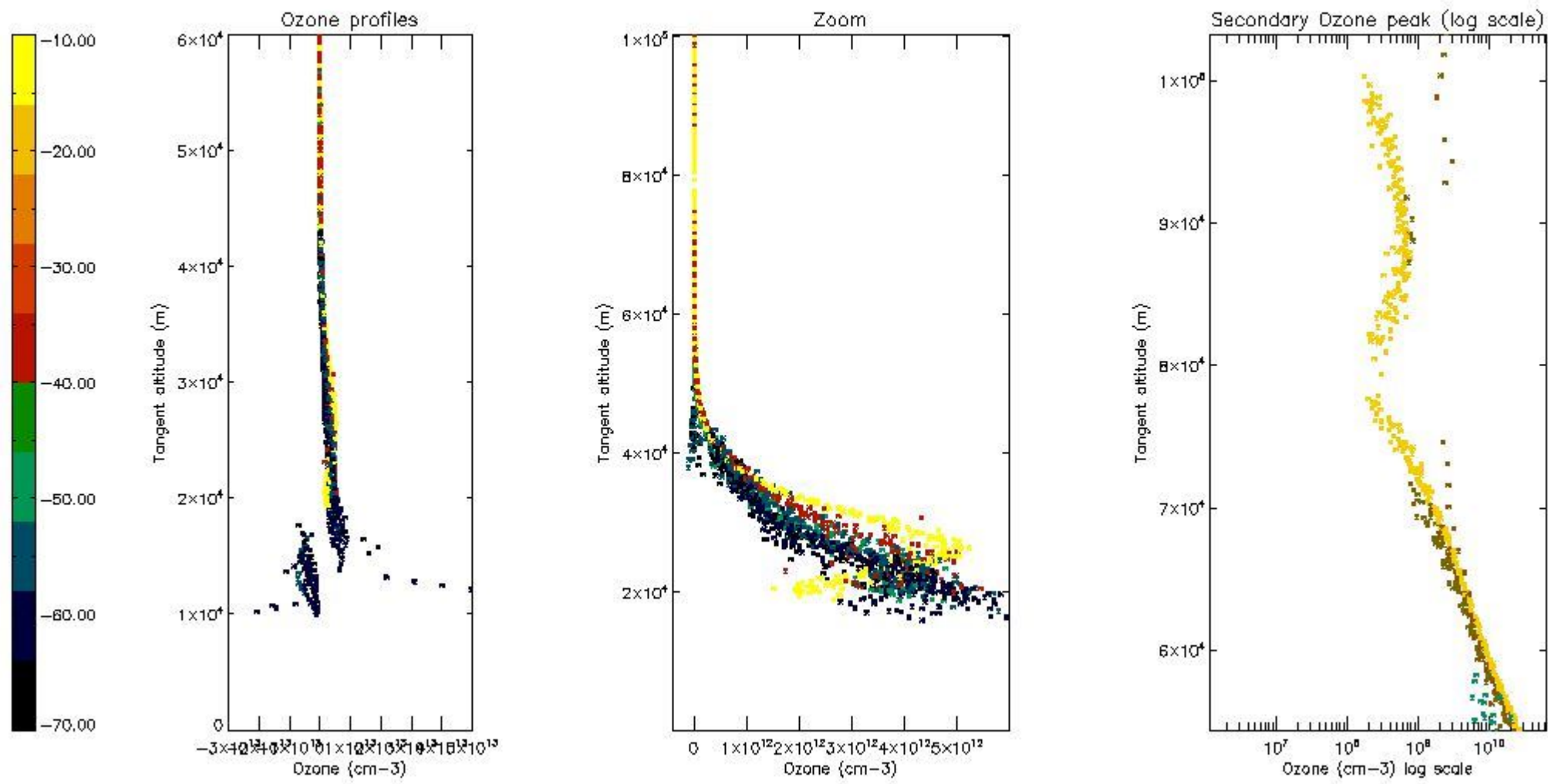
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

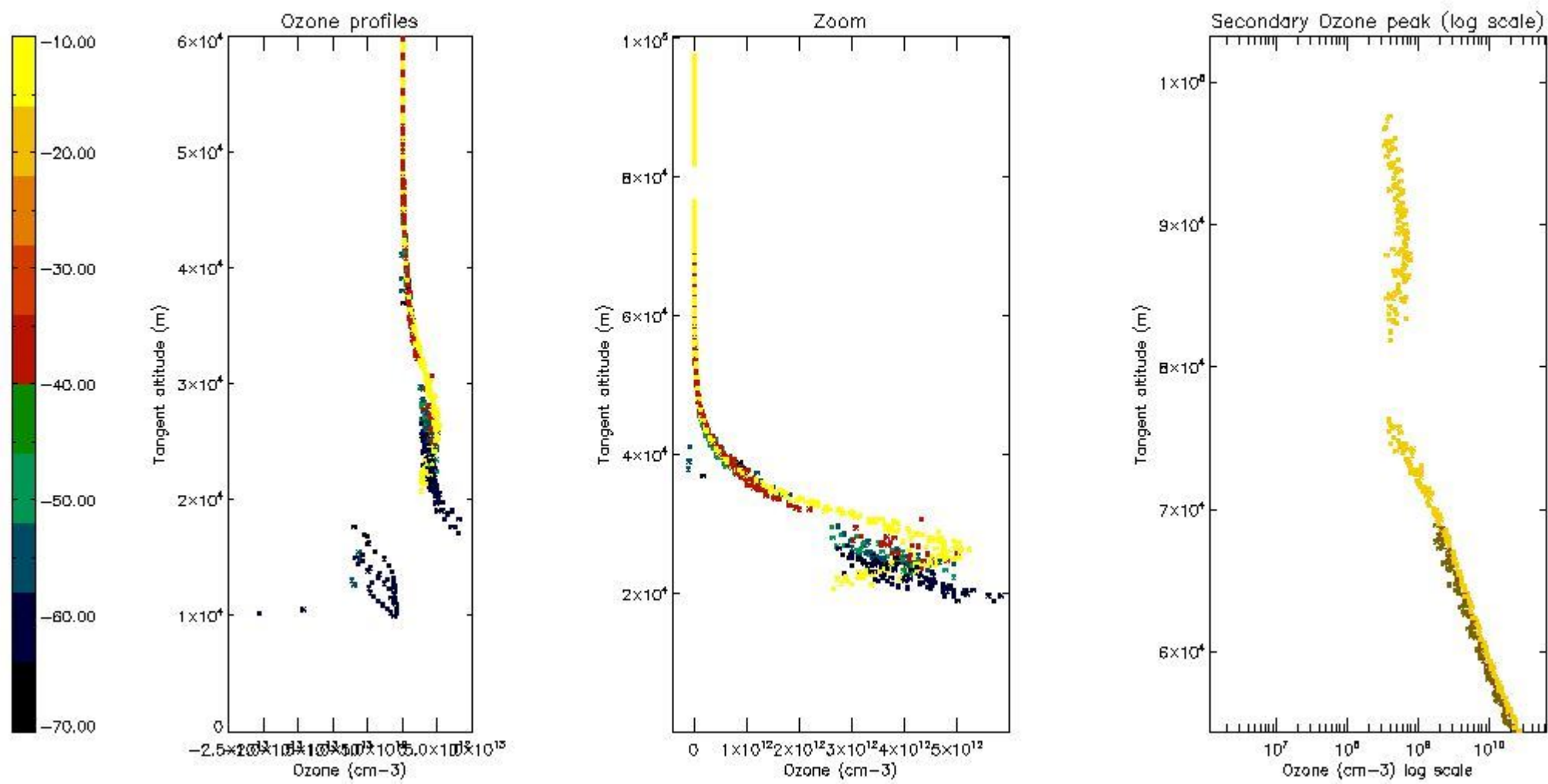
The colorbar represents the latitude.



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

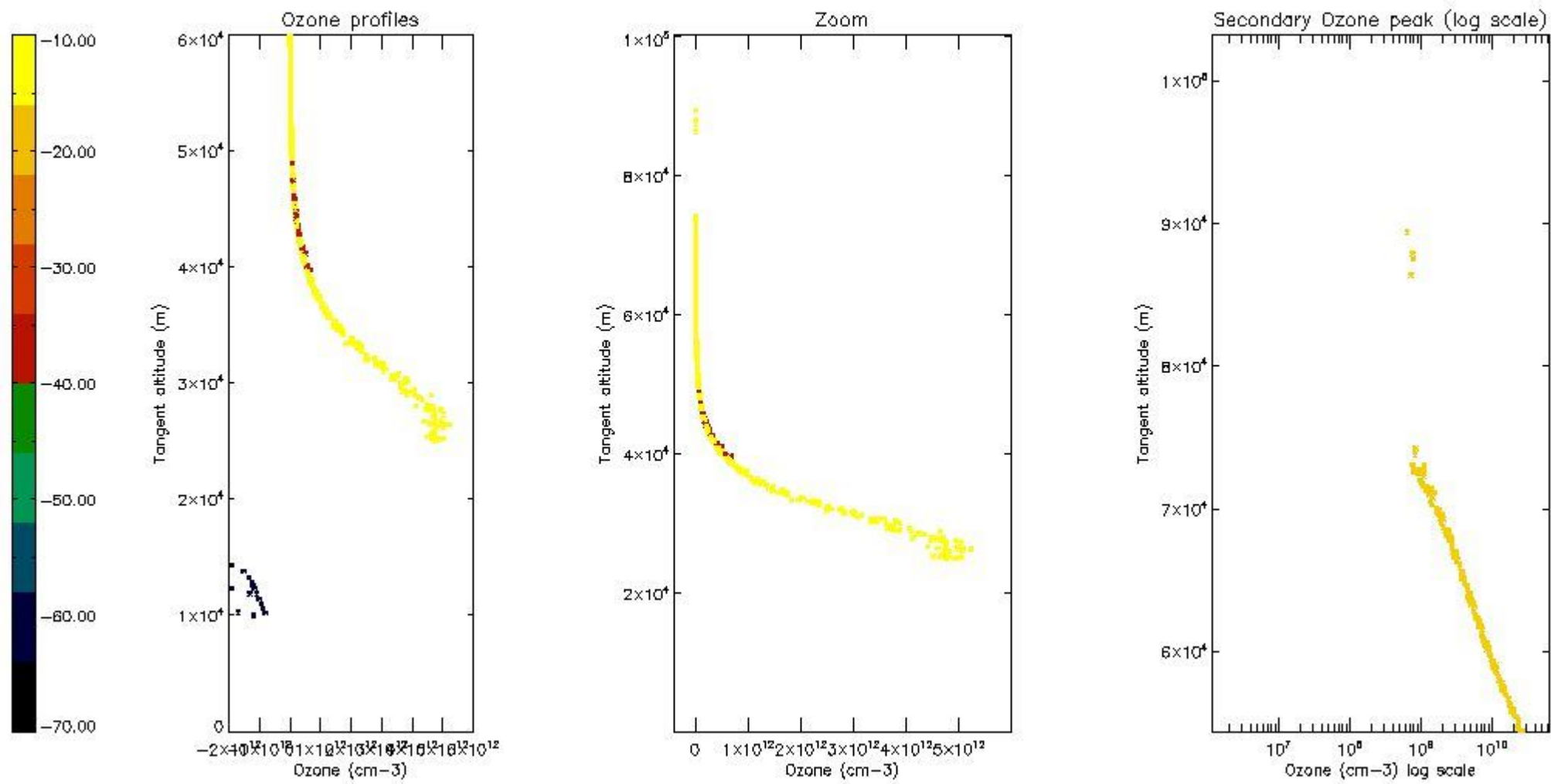
The colorbar represents the latitude.





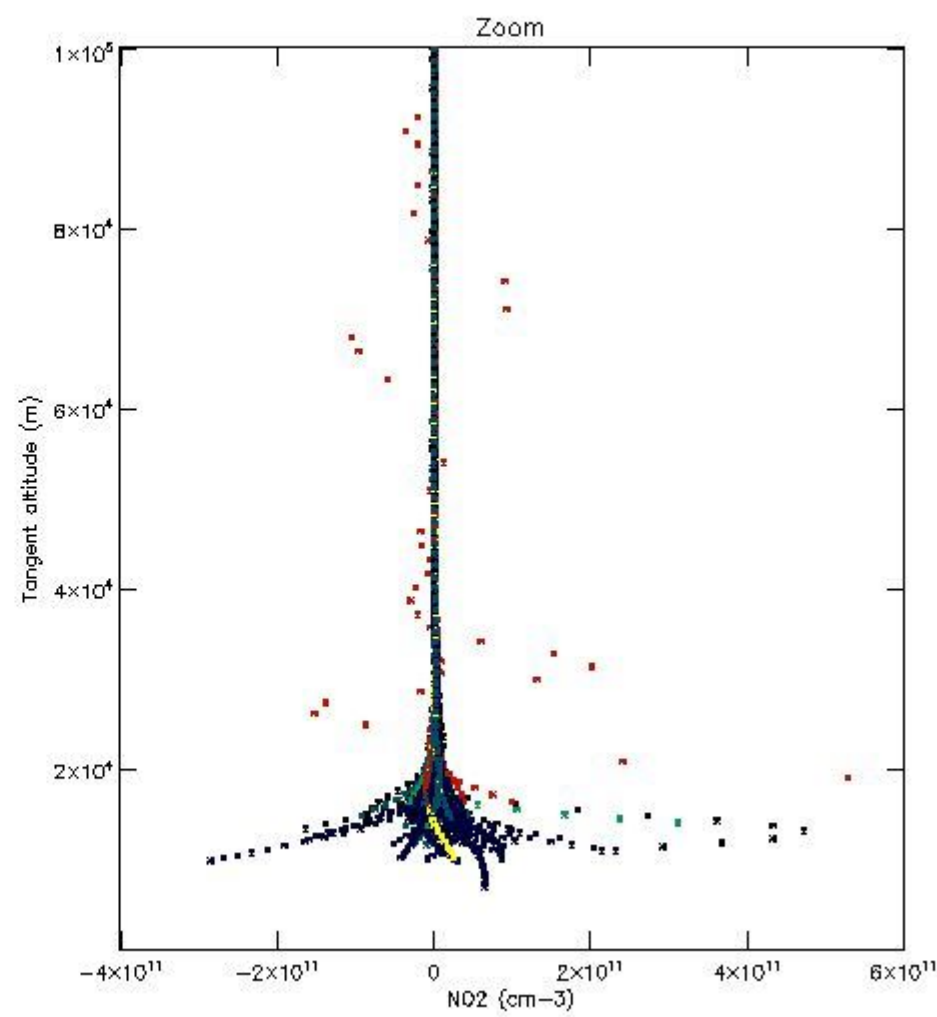
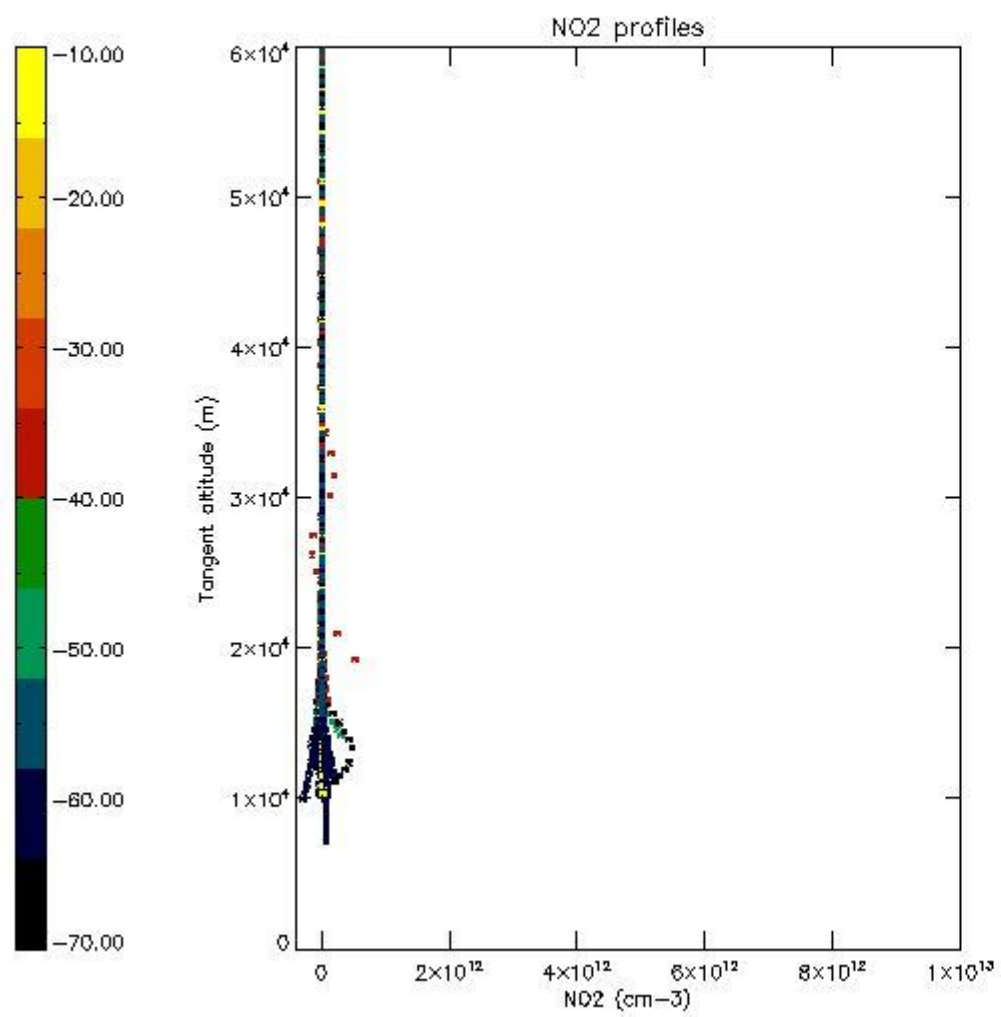
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



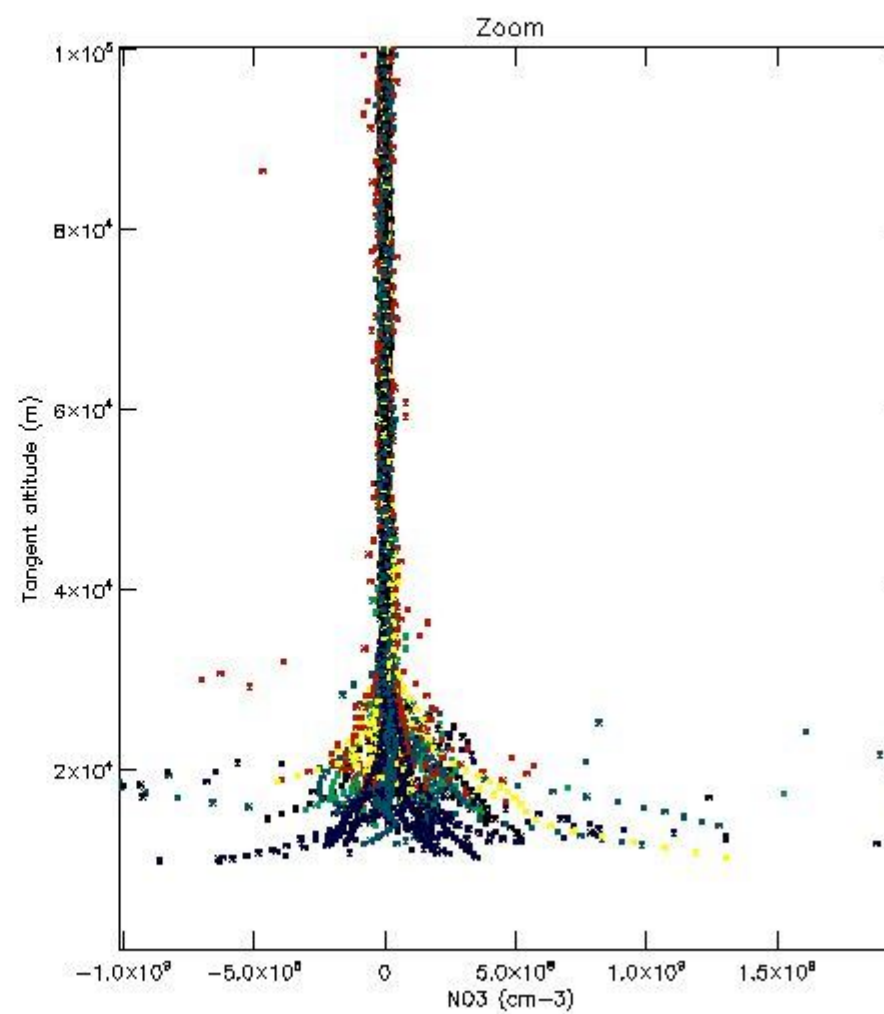
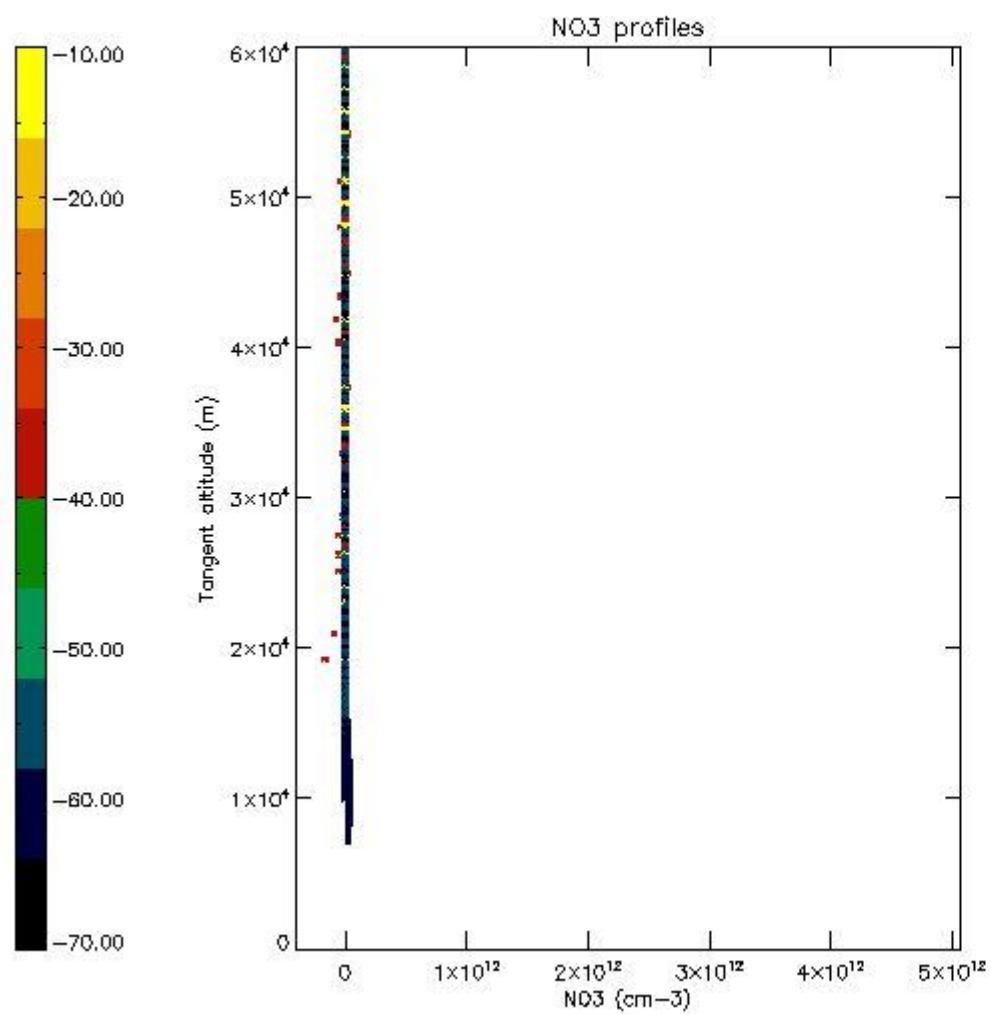
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

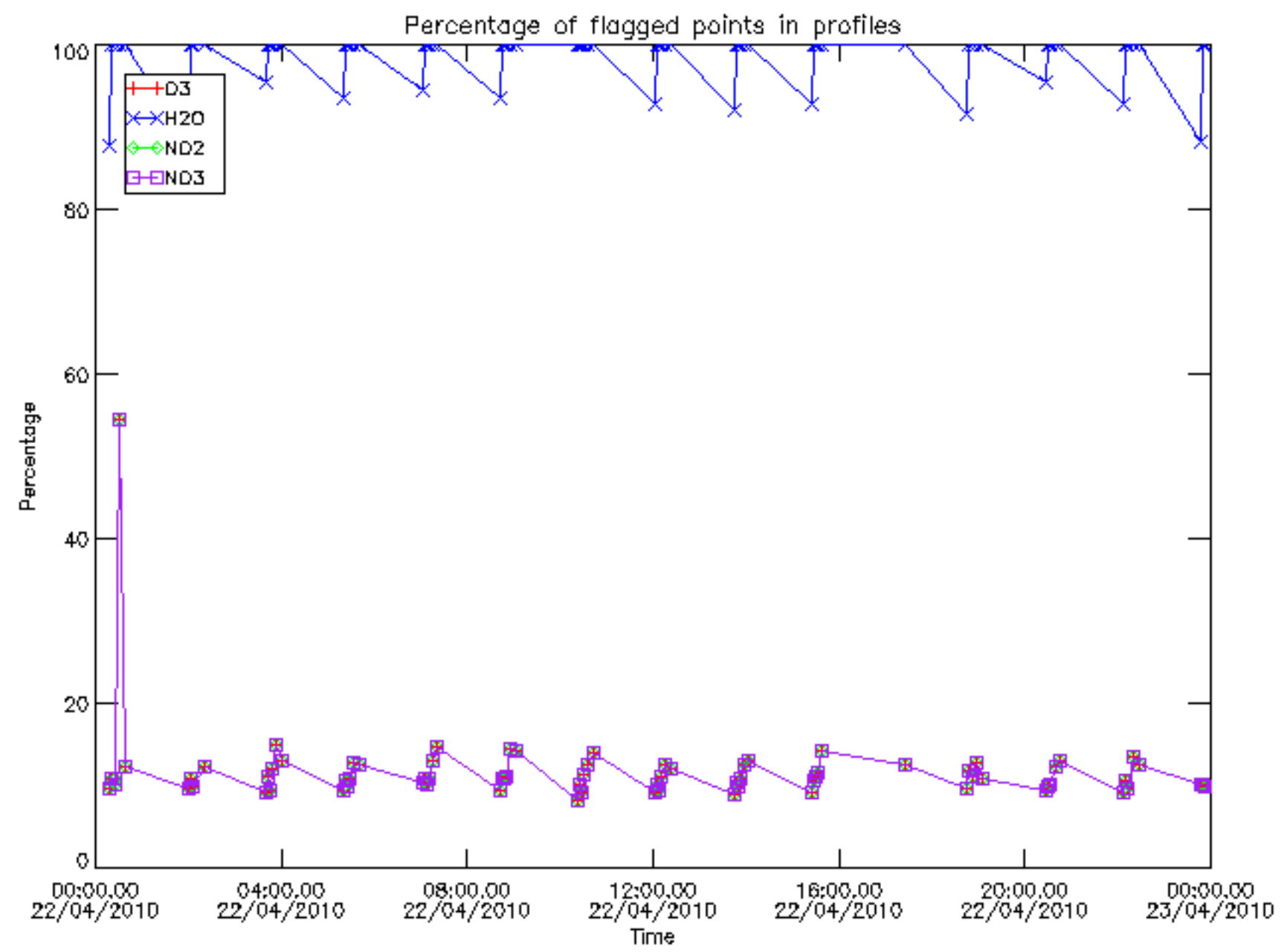


## 6. Auxiliary Data Files used for the production reported in section 2

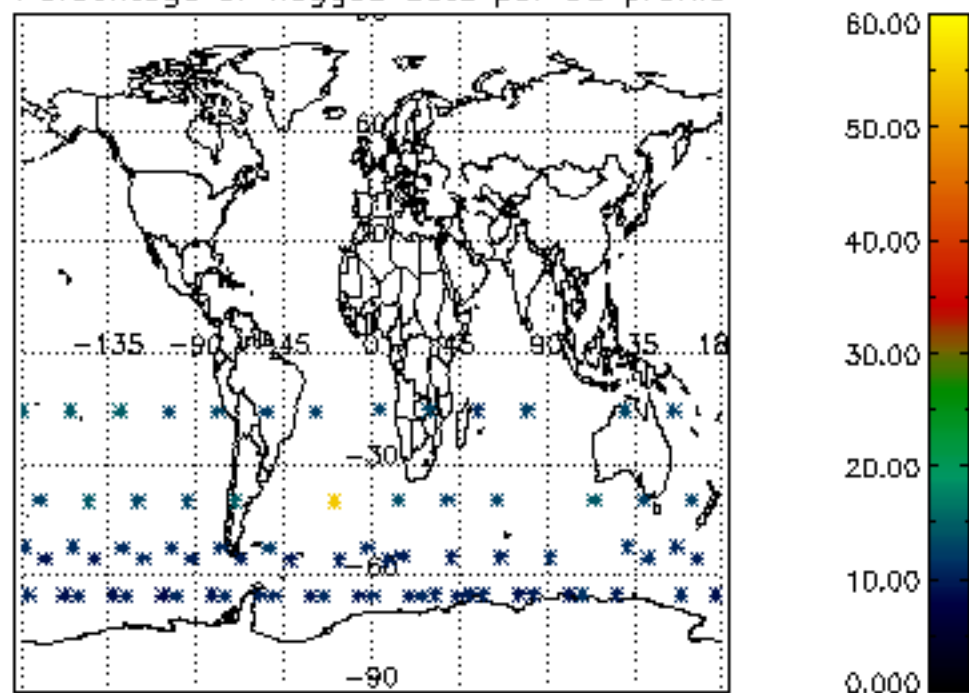
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-APR-2010 00:01:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-APR-2010 00:01:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-APR-2010 00:01:10

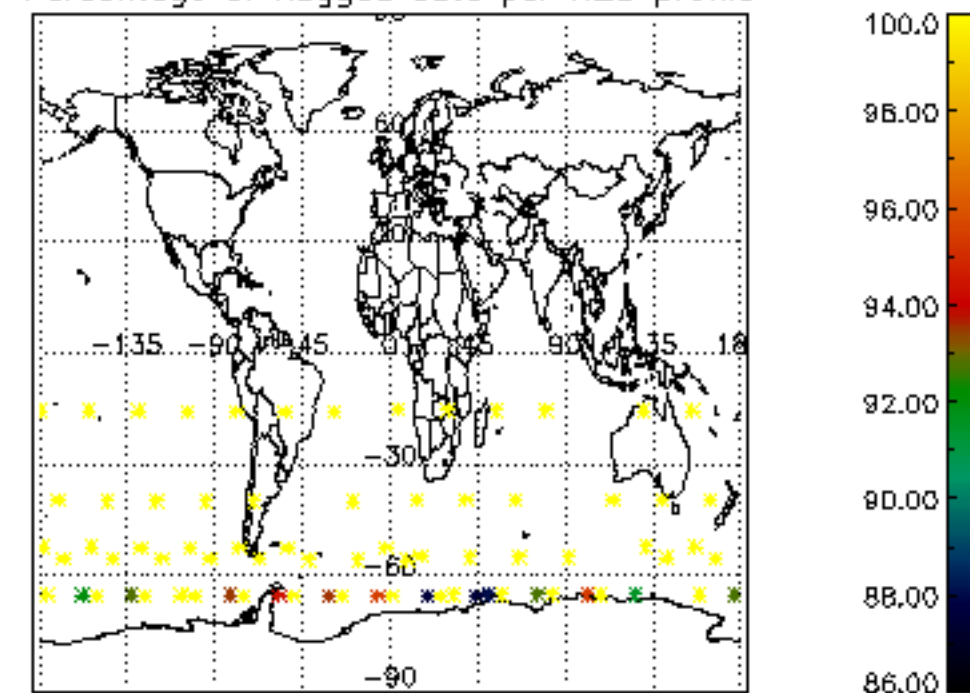




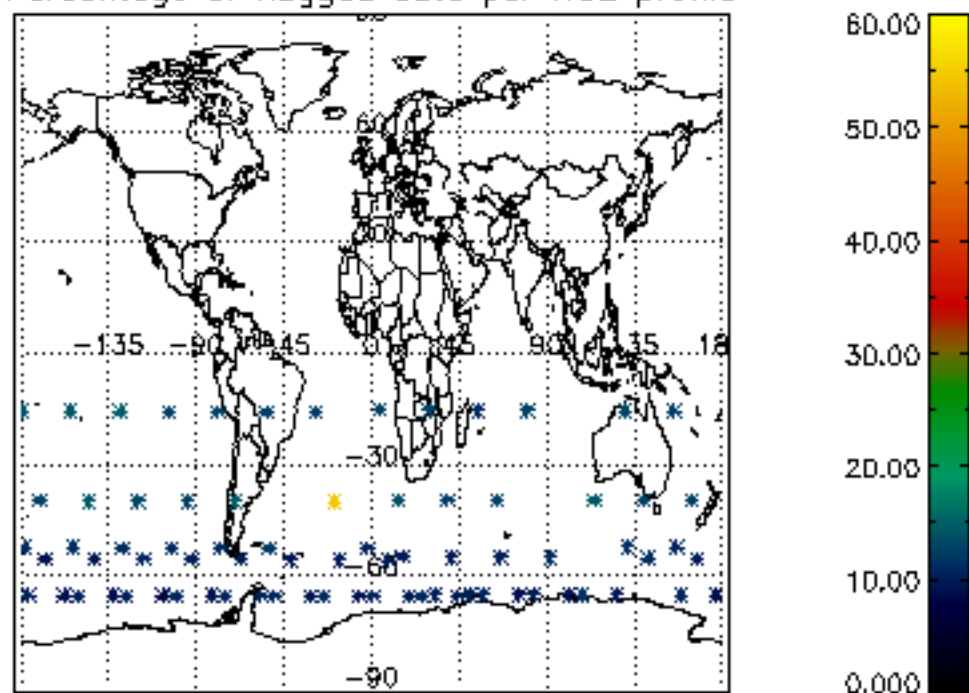
Percentage of flagged data per D3 profile



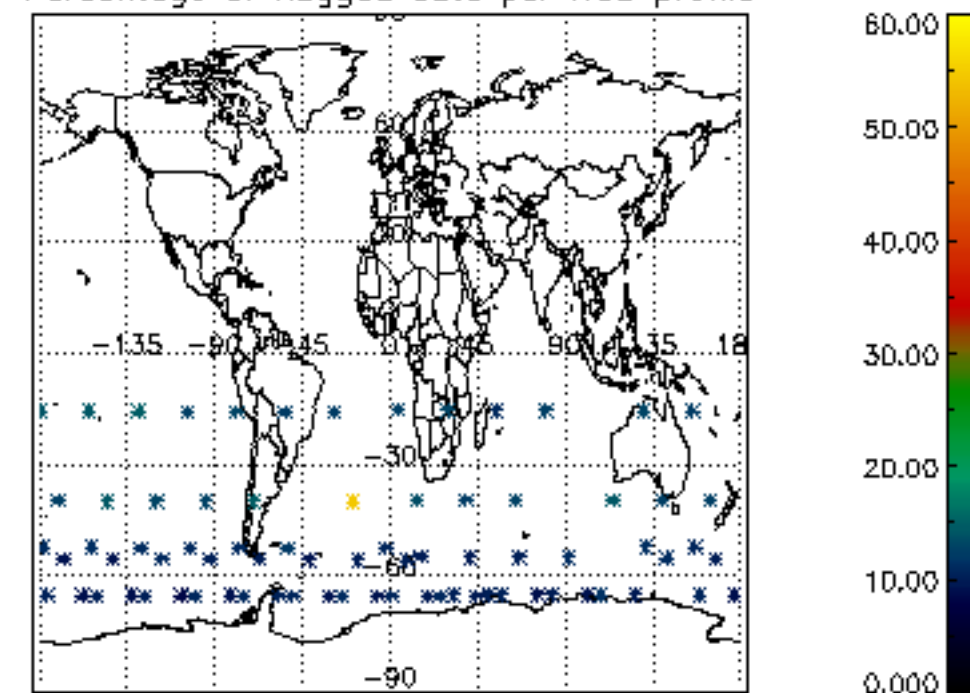
Percentage of flagged data per H2O profile

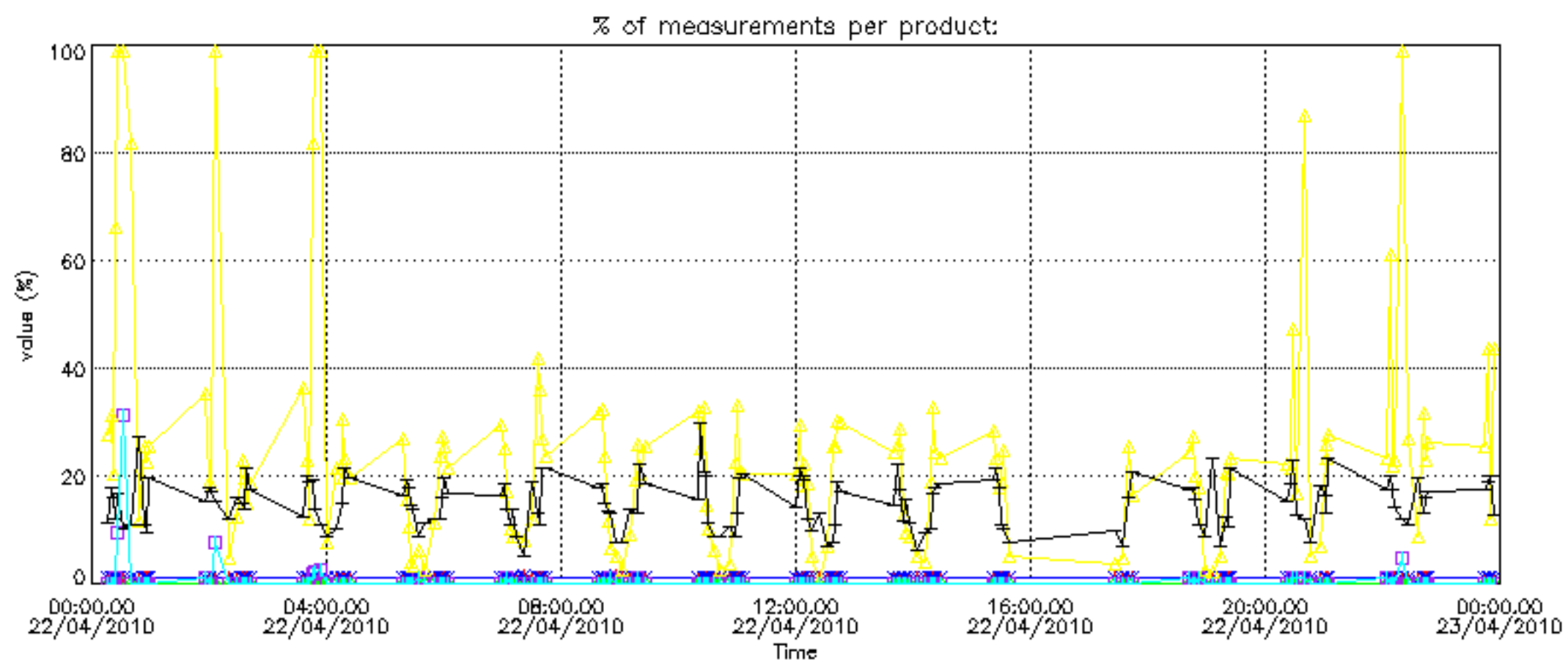


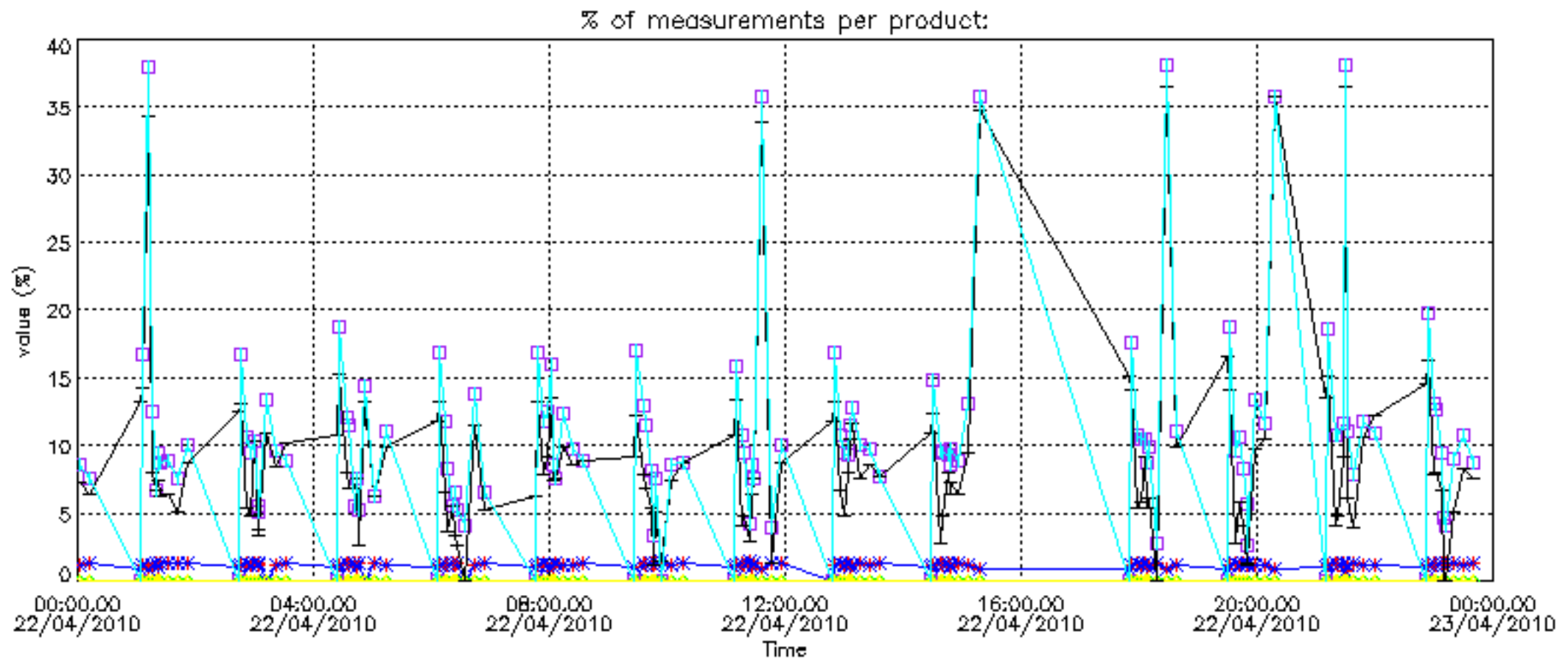
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

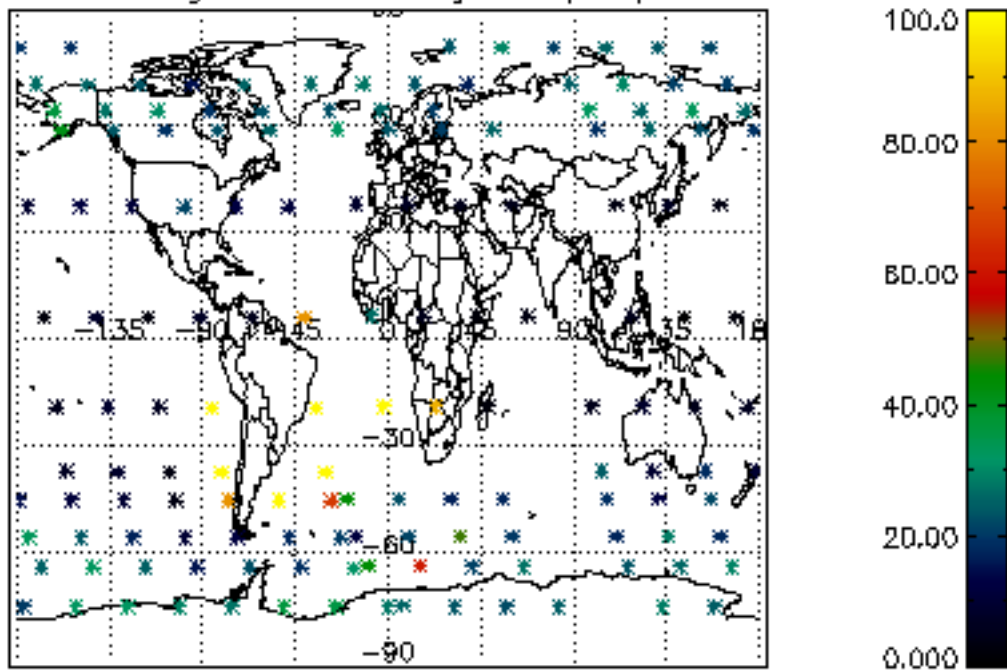




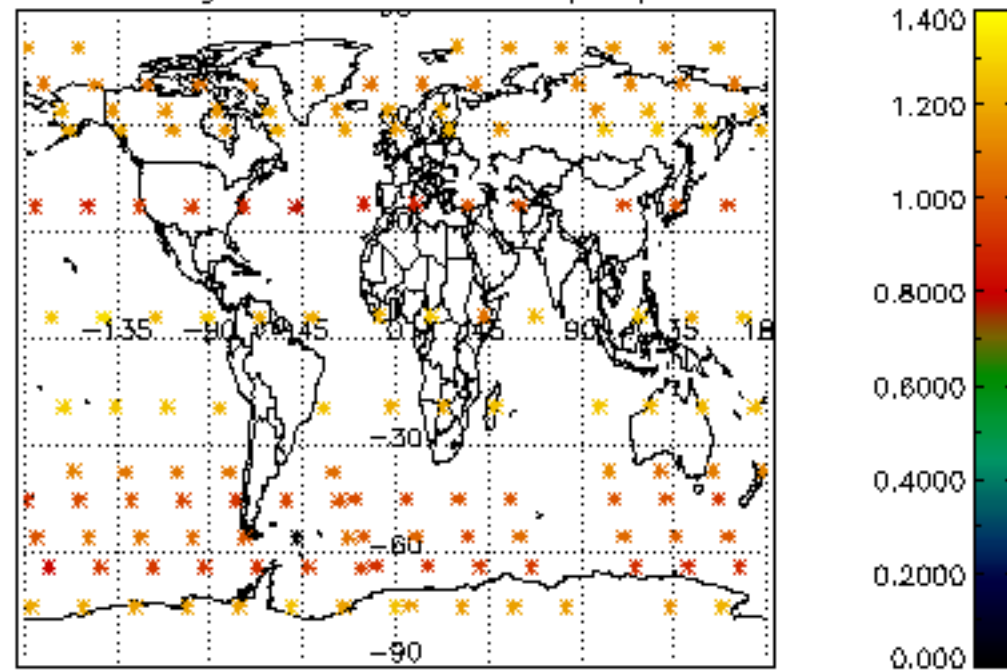




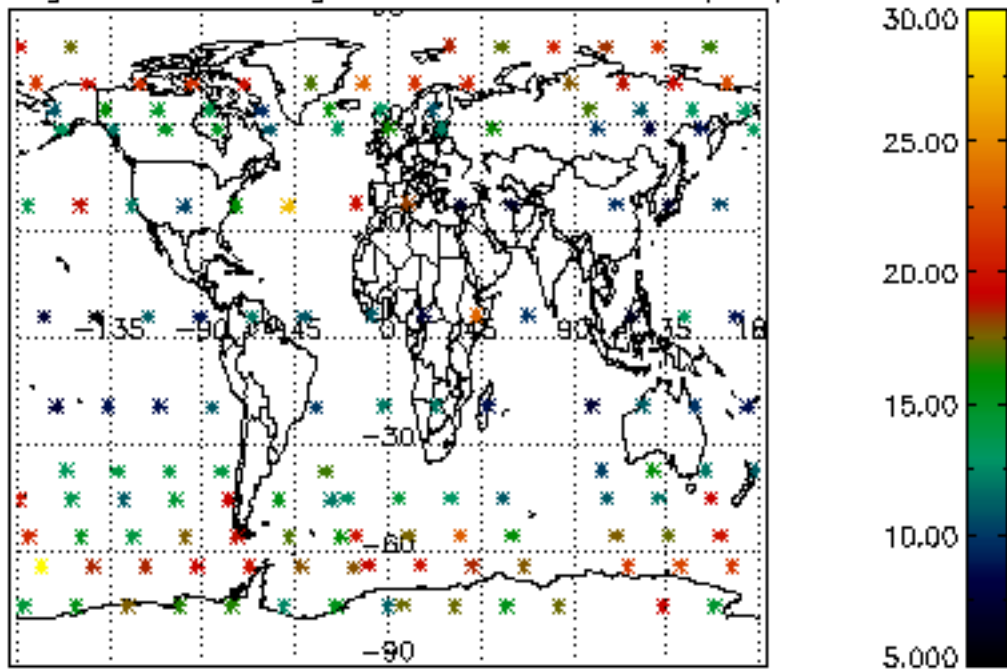
Percentage of cosmic ray hits per profile



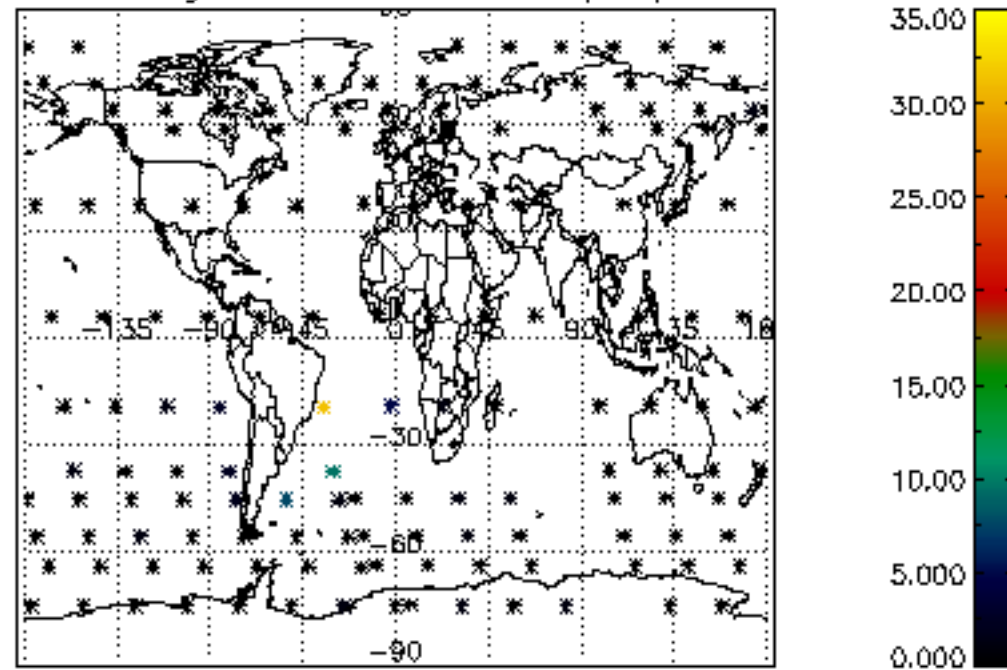
Percentage of datation errors per profile



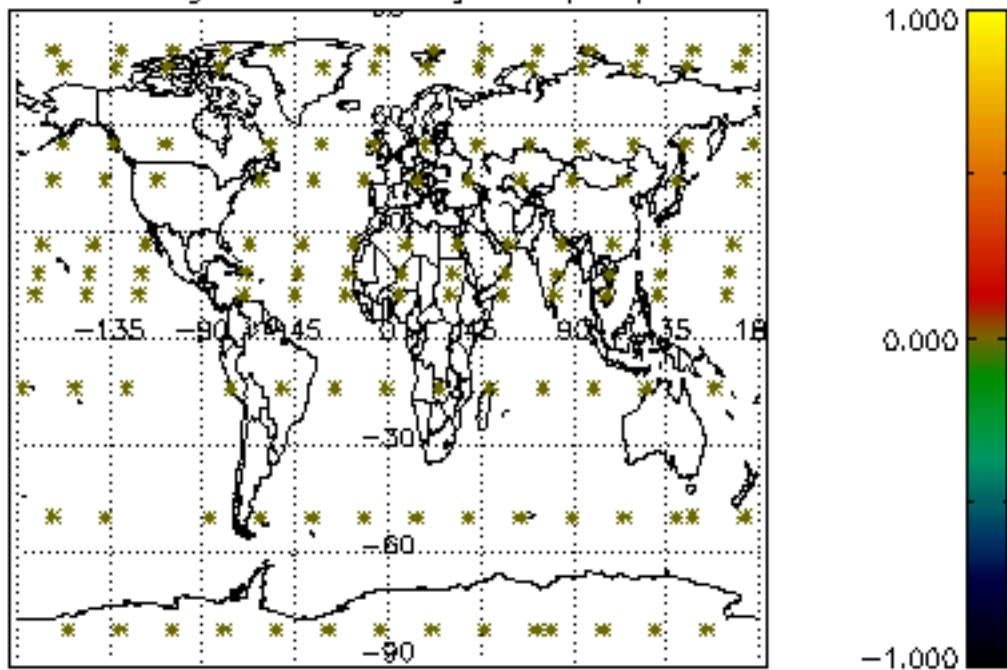
Percentage of star falling outside central band per profile



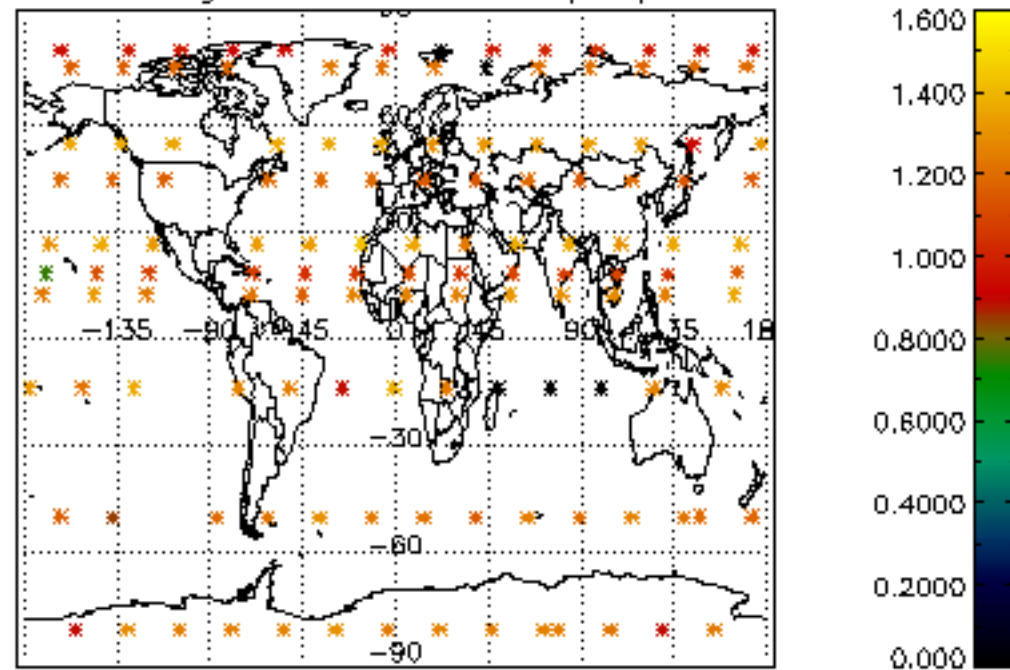
Percentage of saturation errors per profile



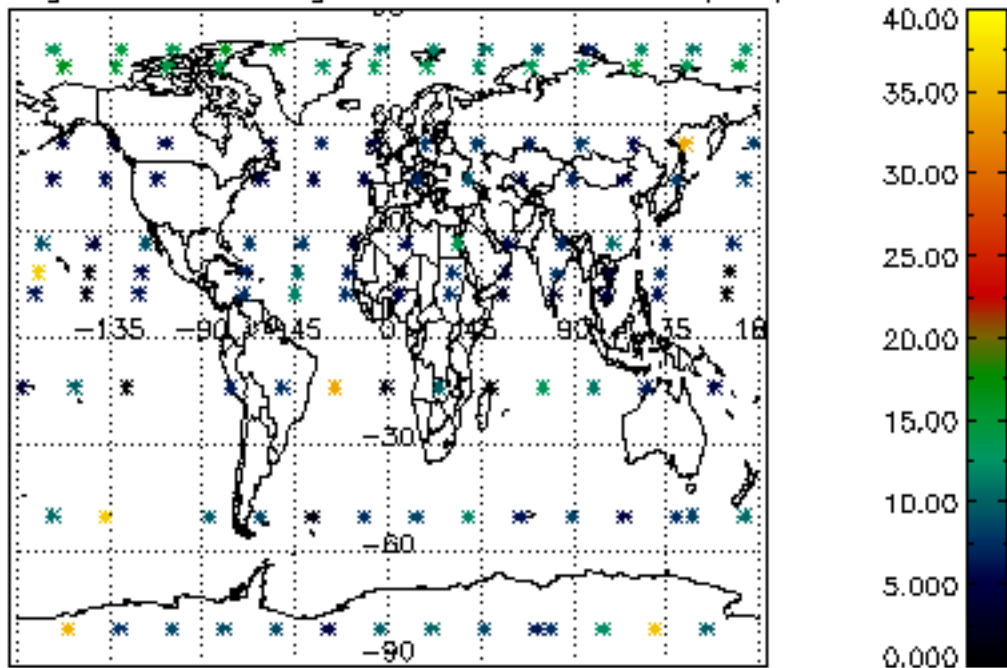
Percentage of cosmic ray hits per profile



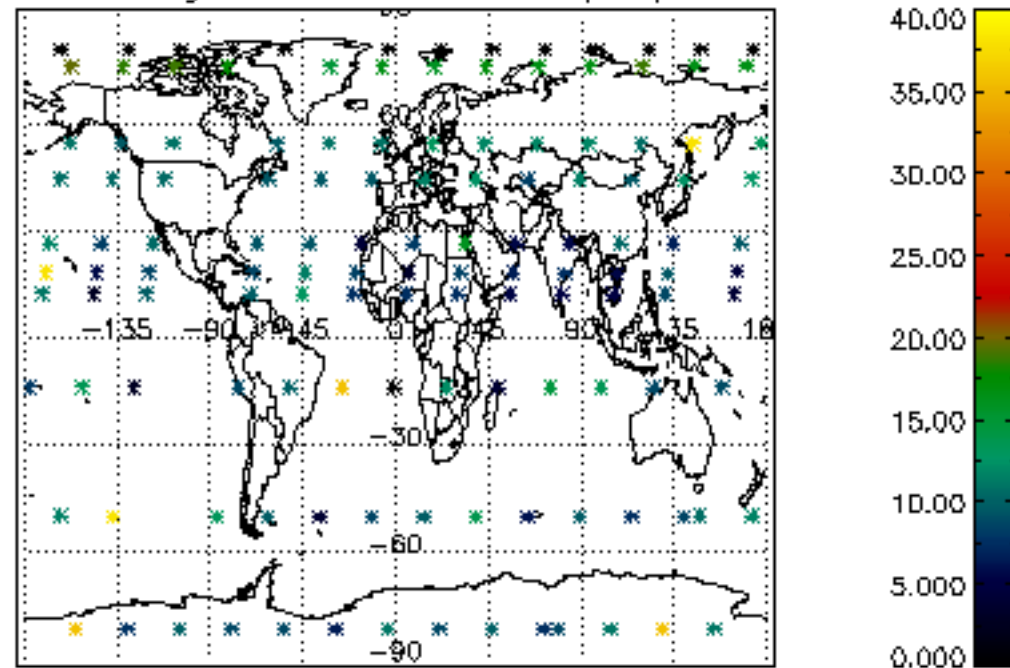
Percentage of datation errors per profile

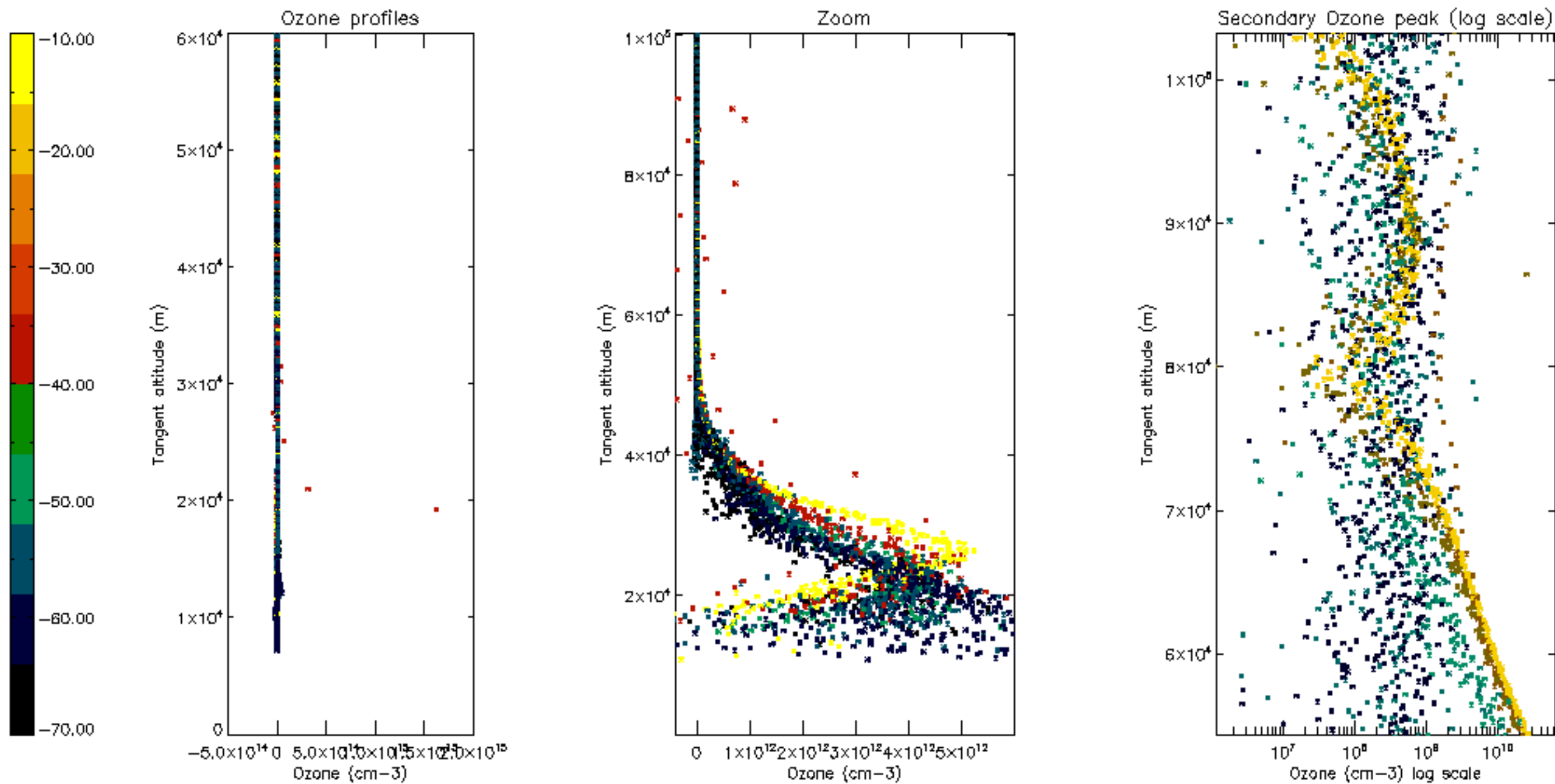


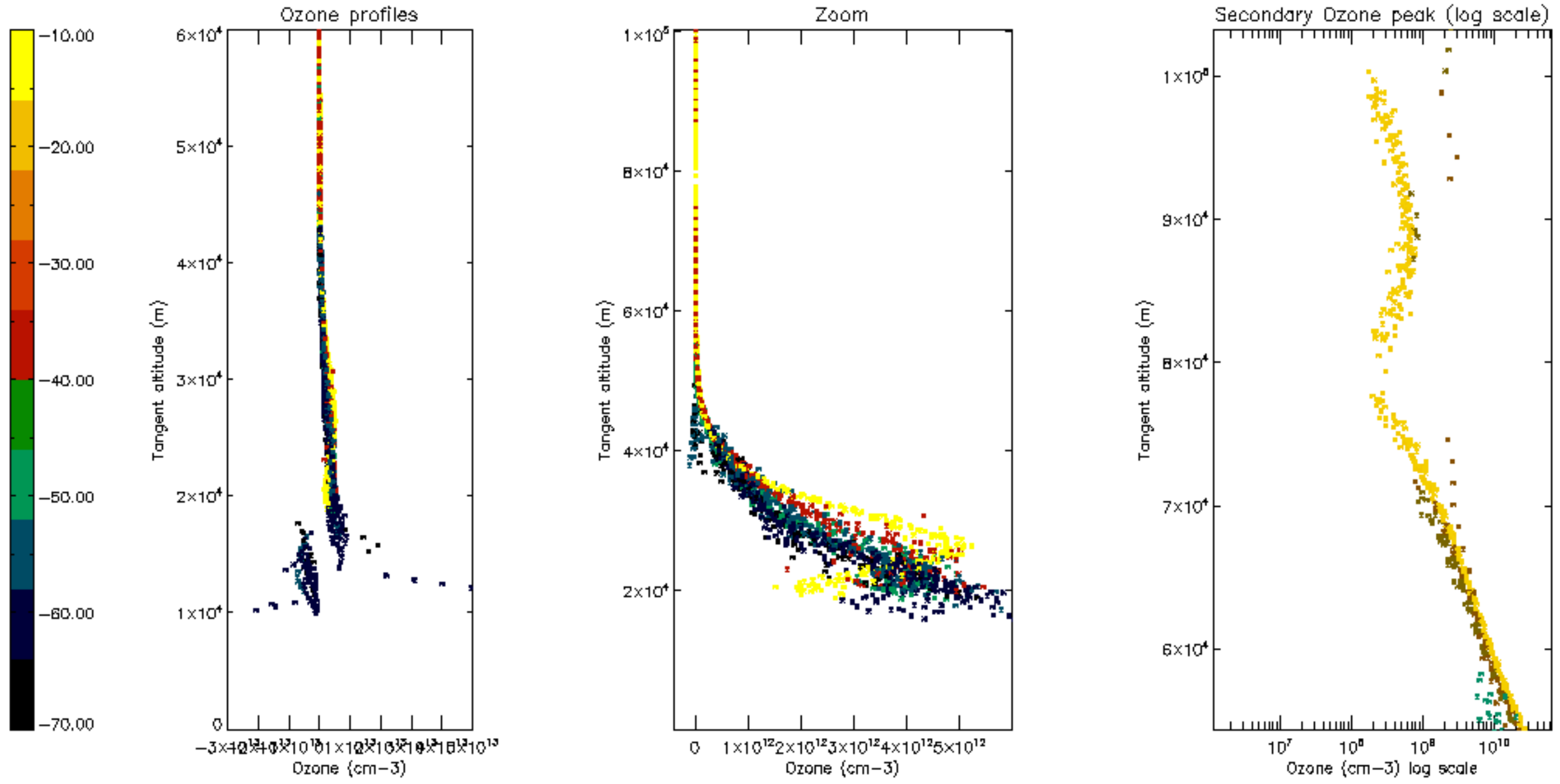
Percentage of star falling outside central band per profile



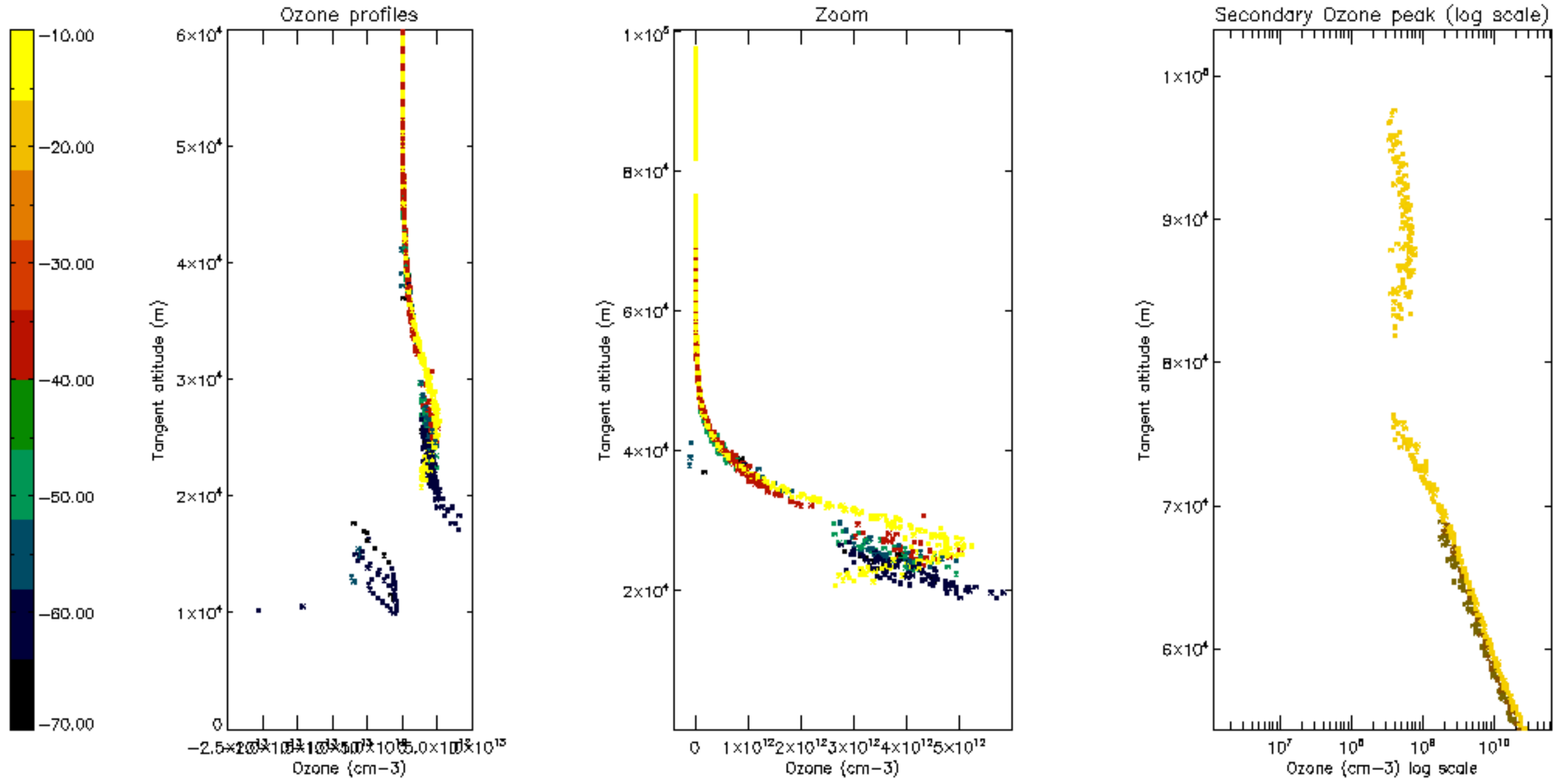
Percentage of saturation errors per profile

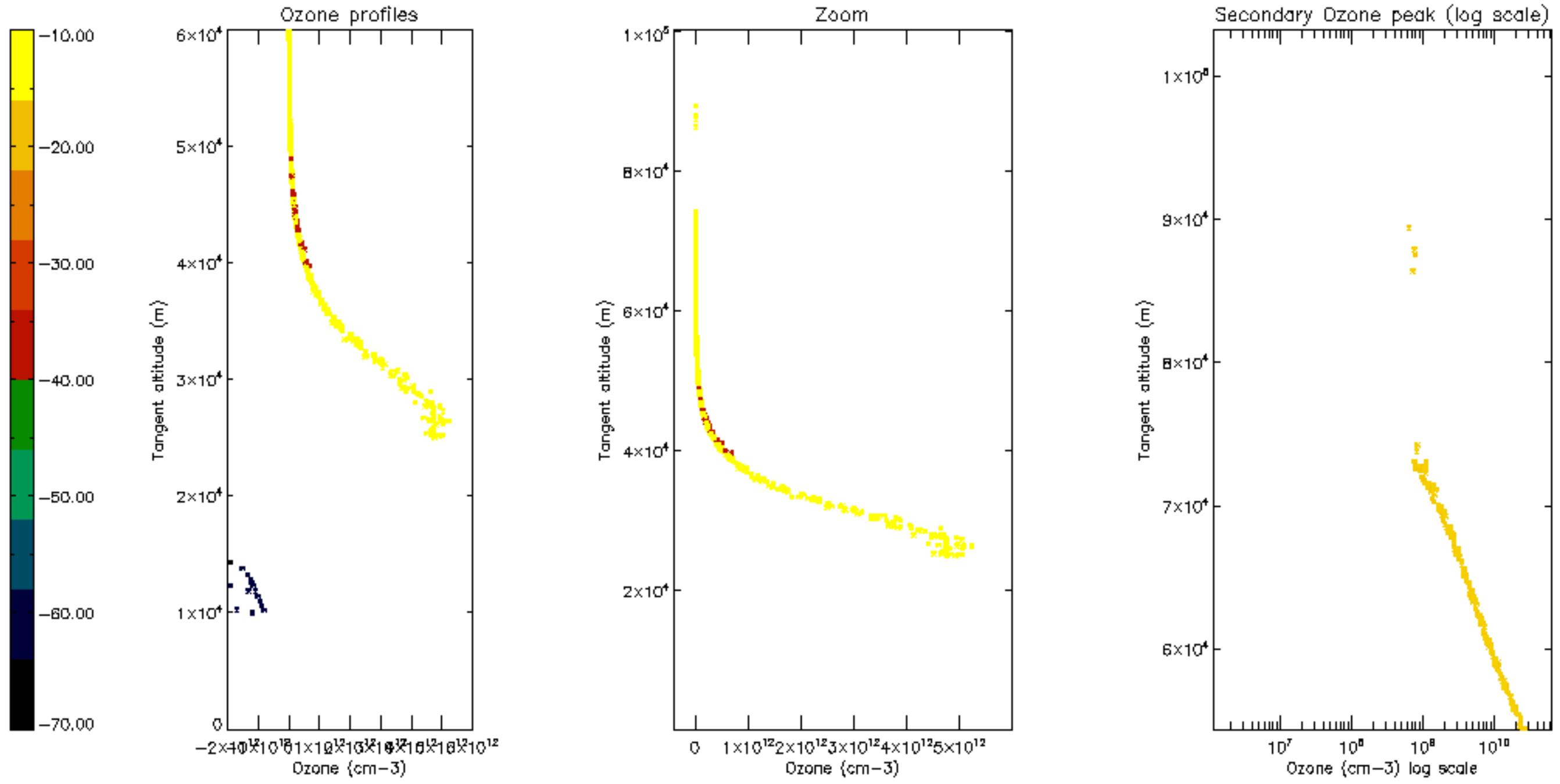


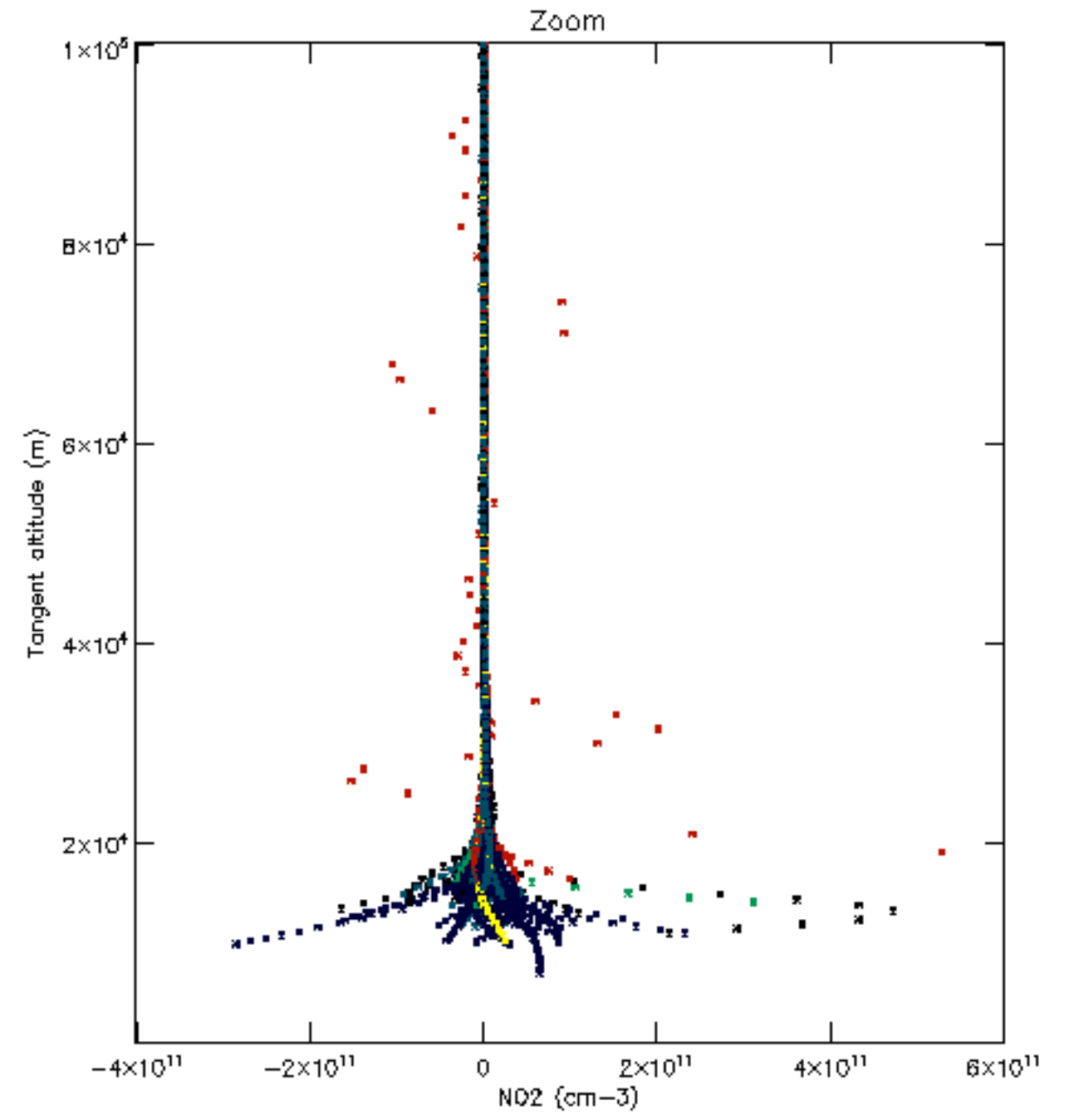
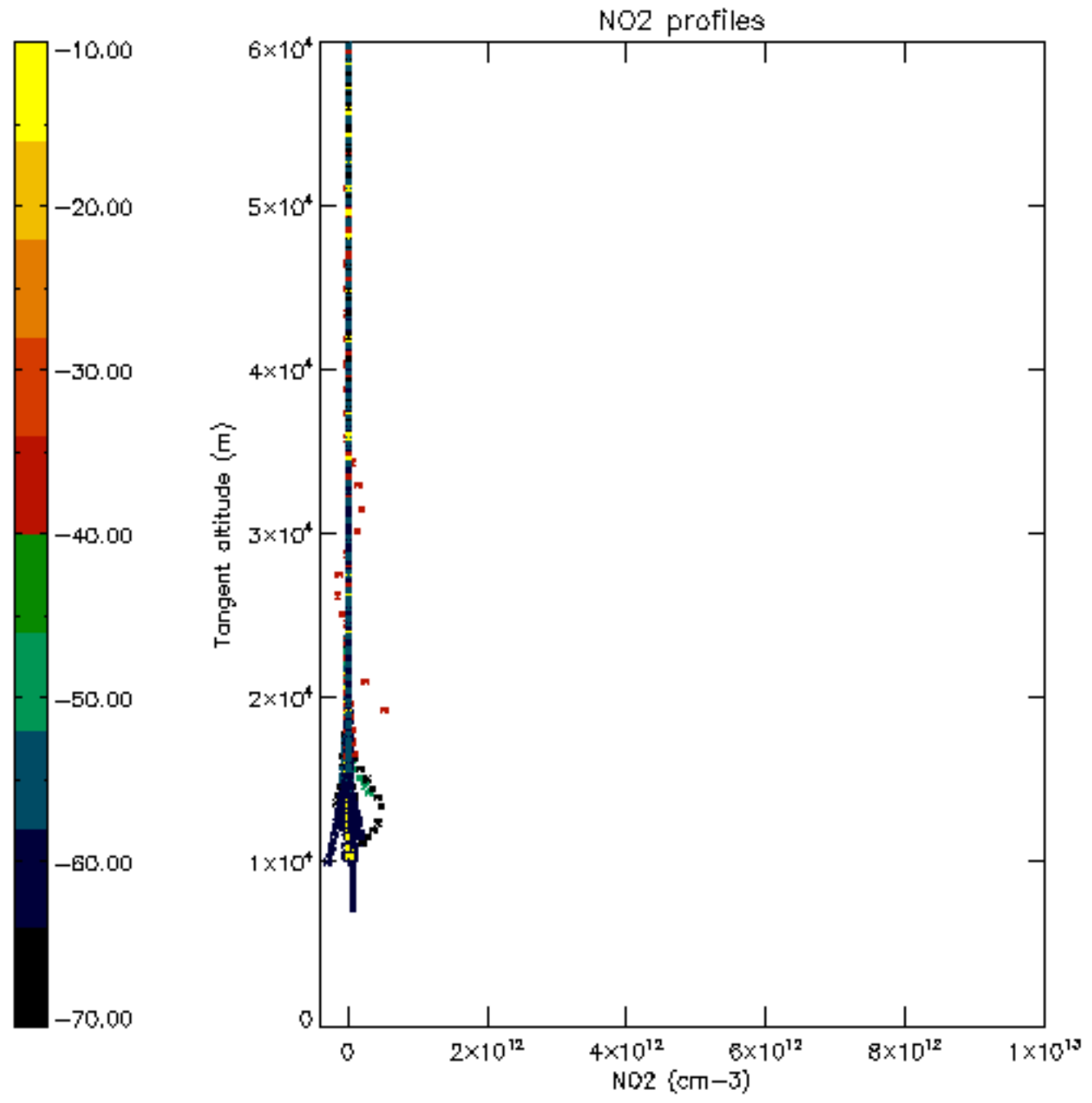


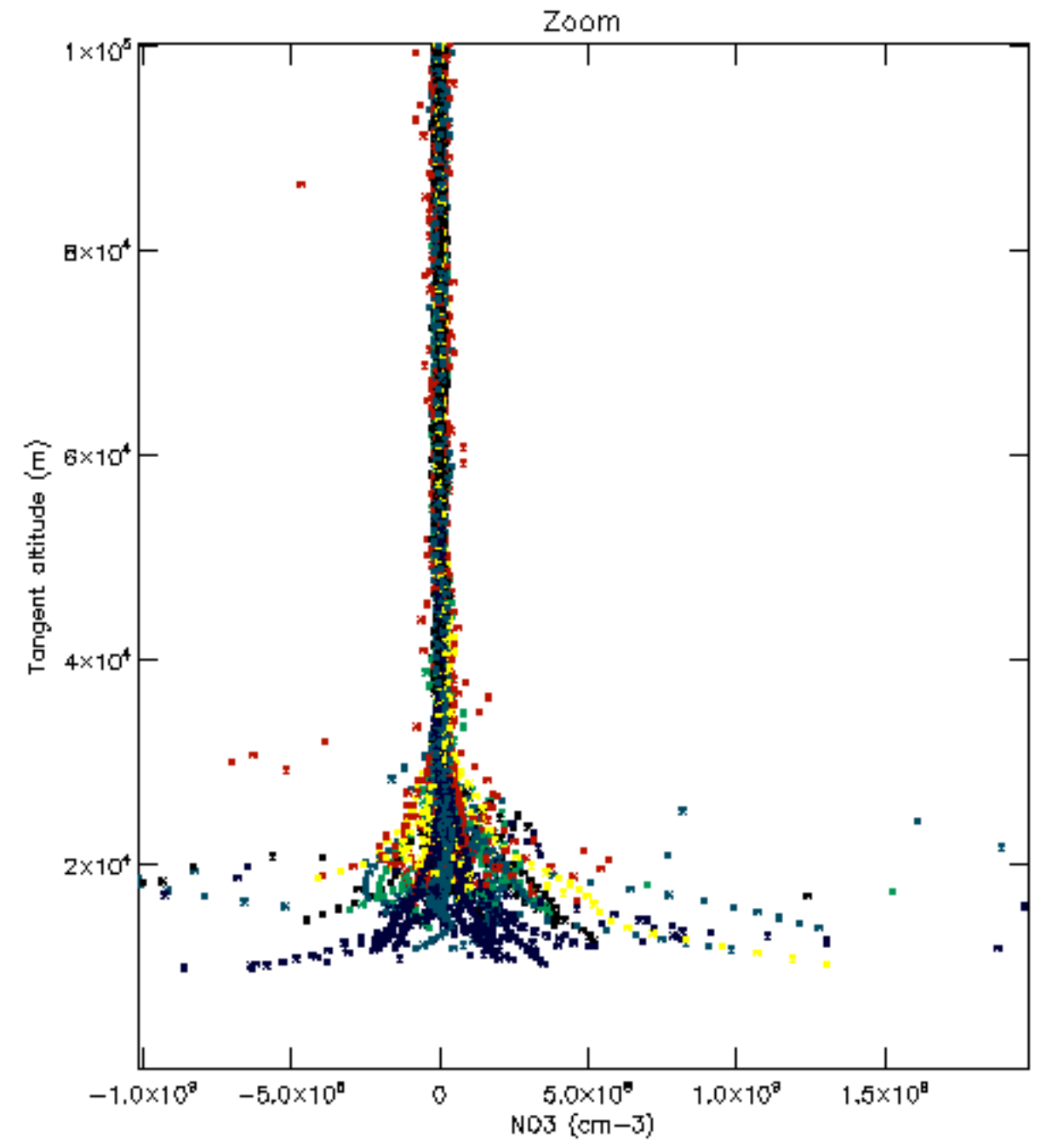
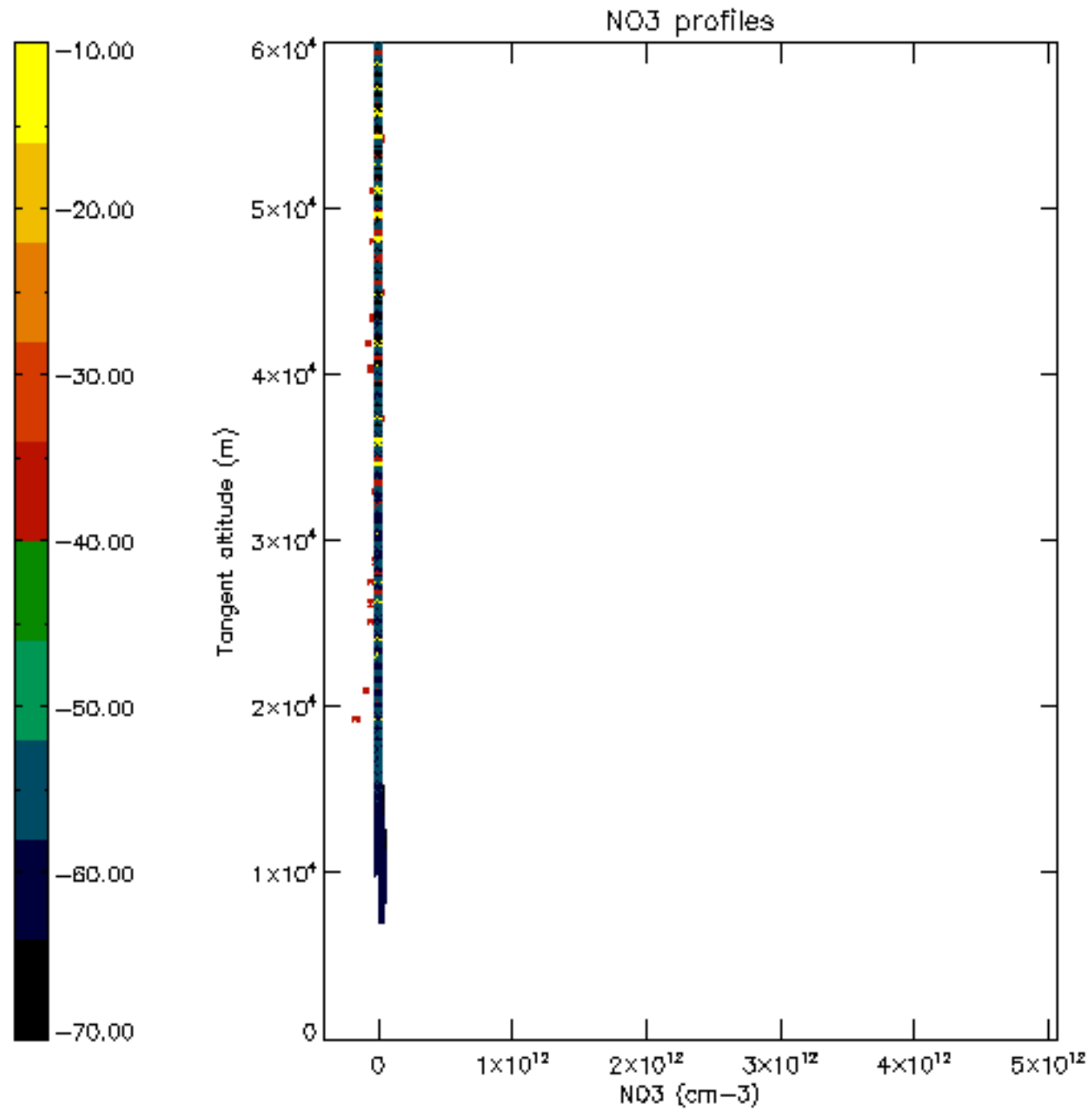




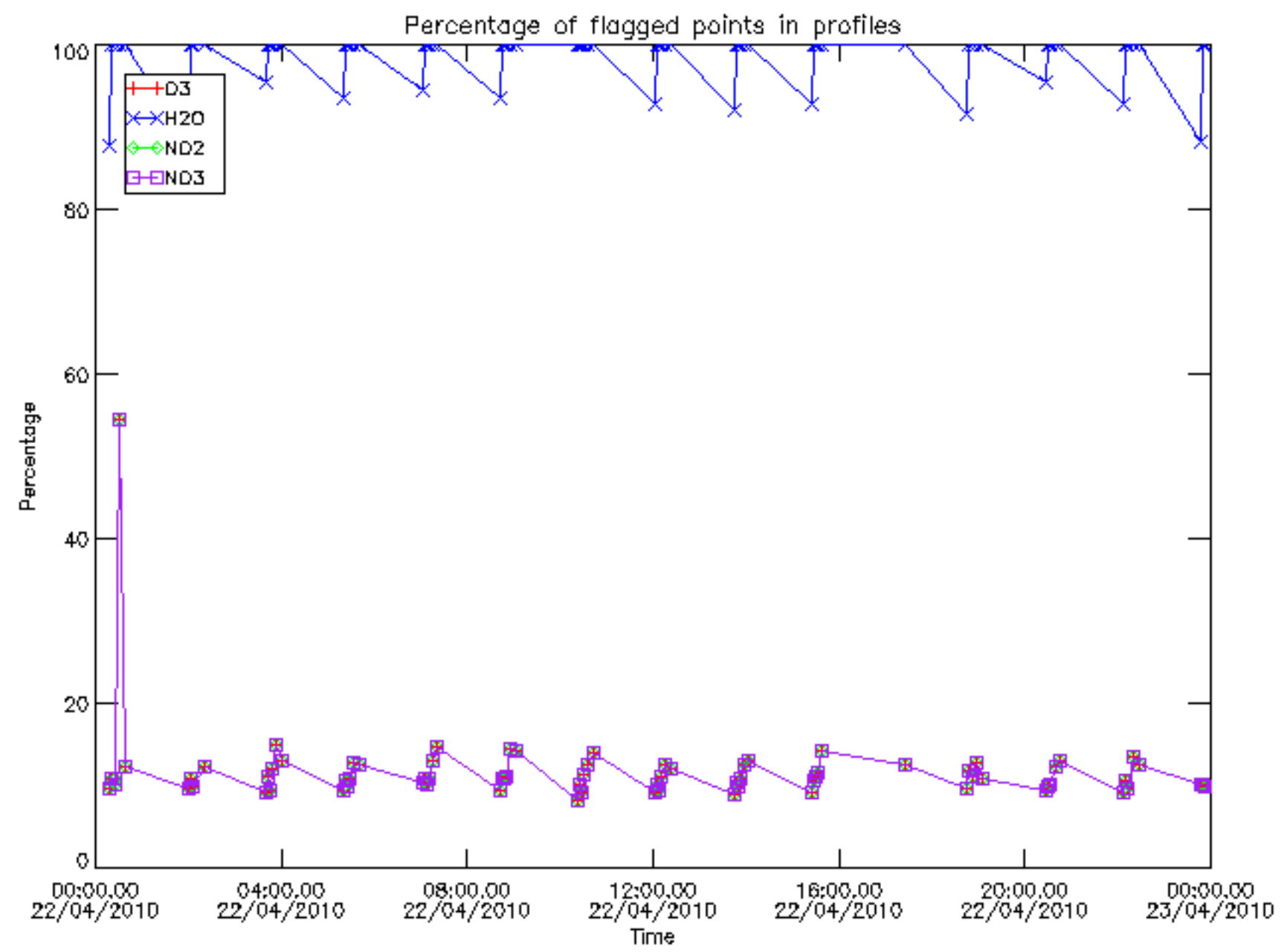




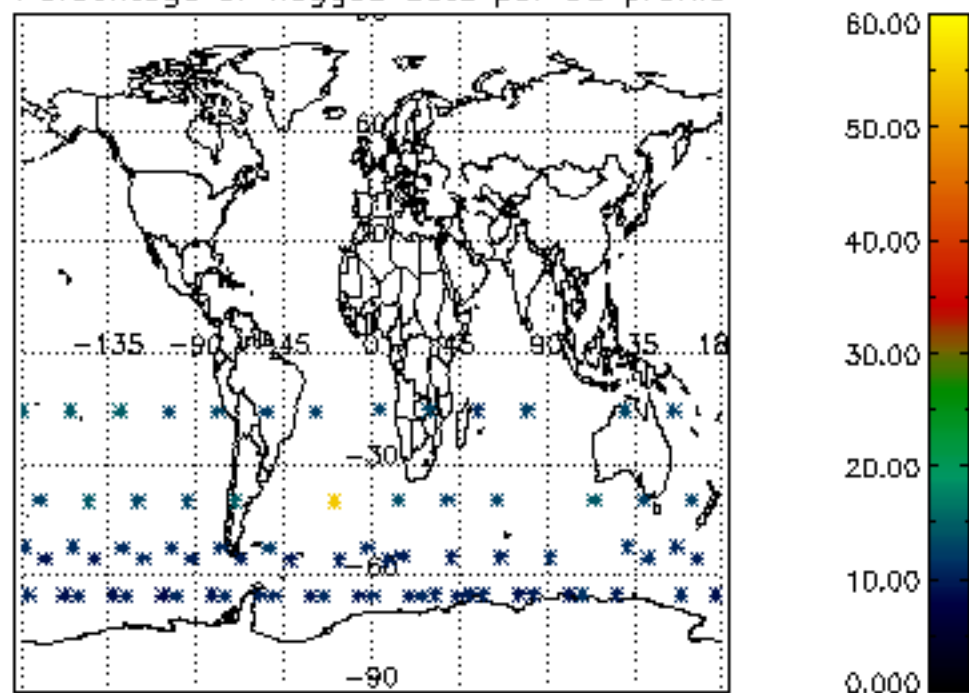




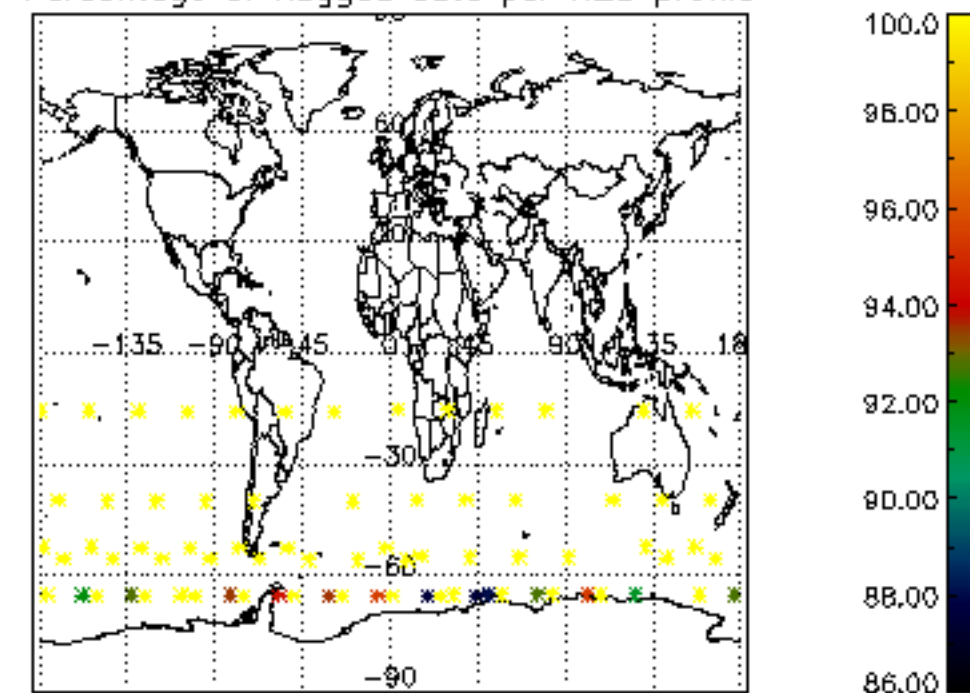




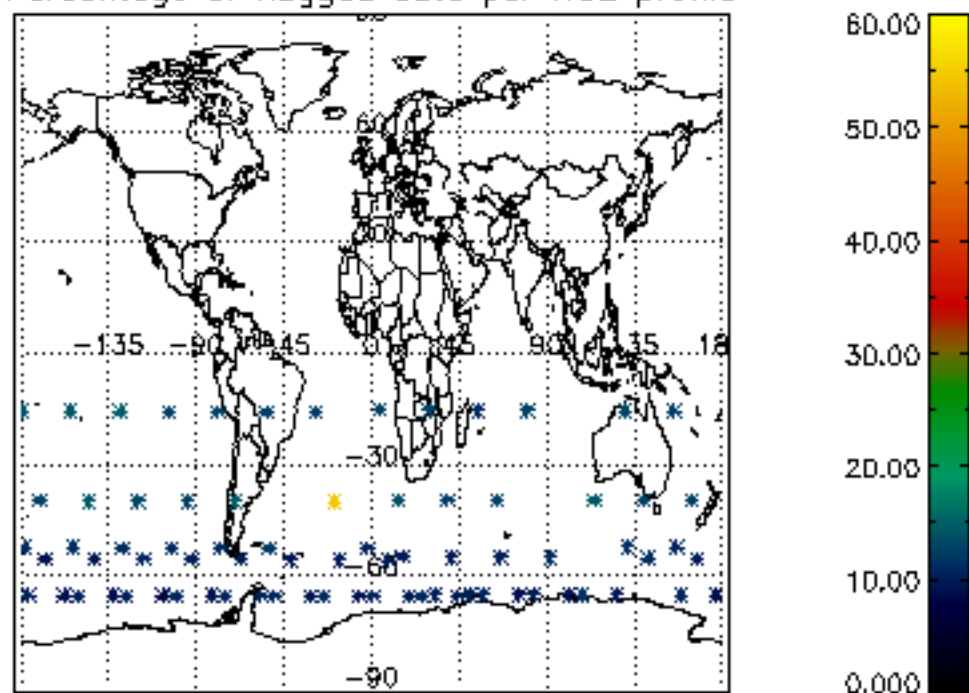
Percentage of flagged data per D3 profile



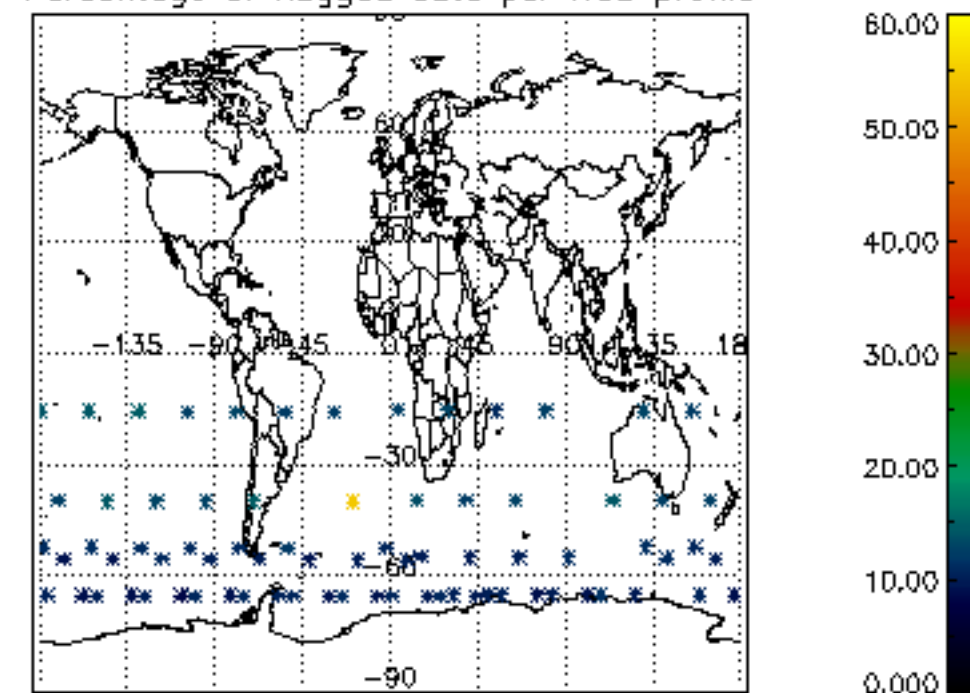
Percentage of flagged data per H2O profile

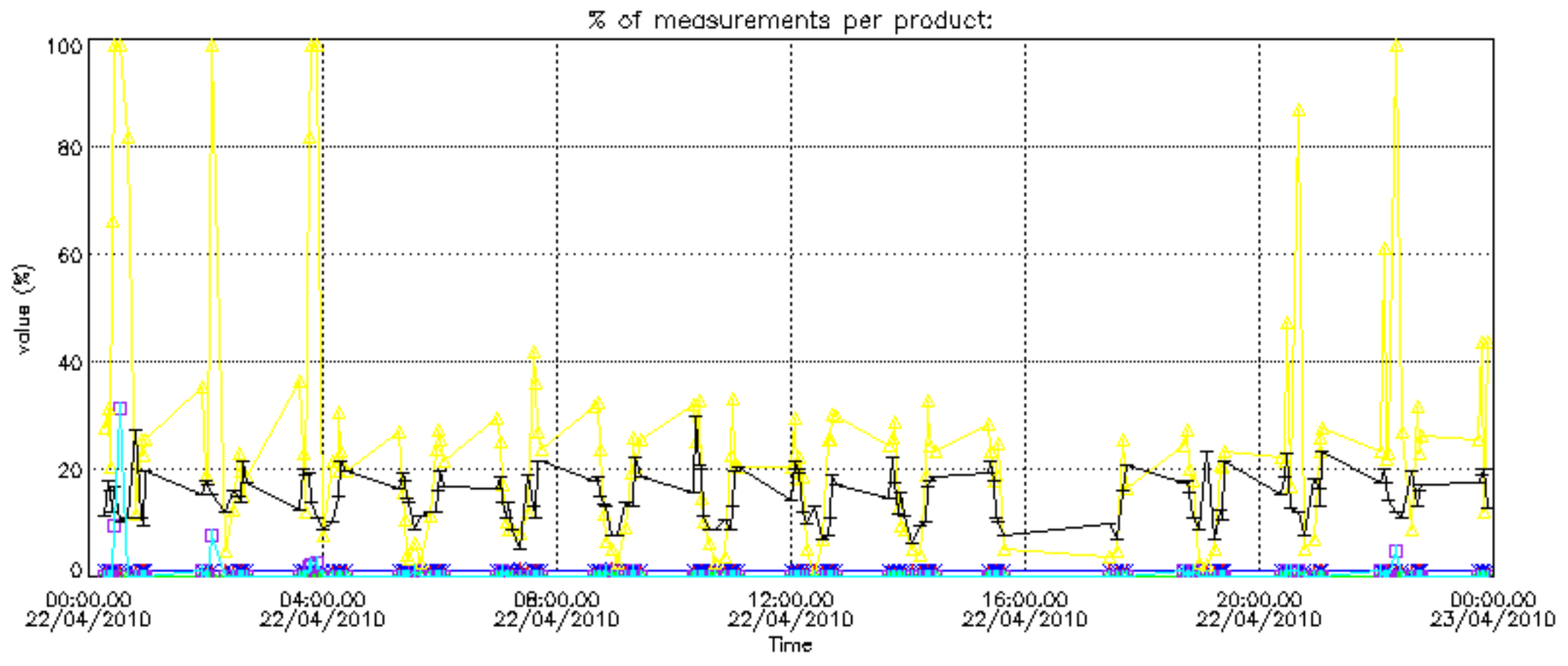


Percentage of flagged data per NO2 profile

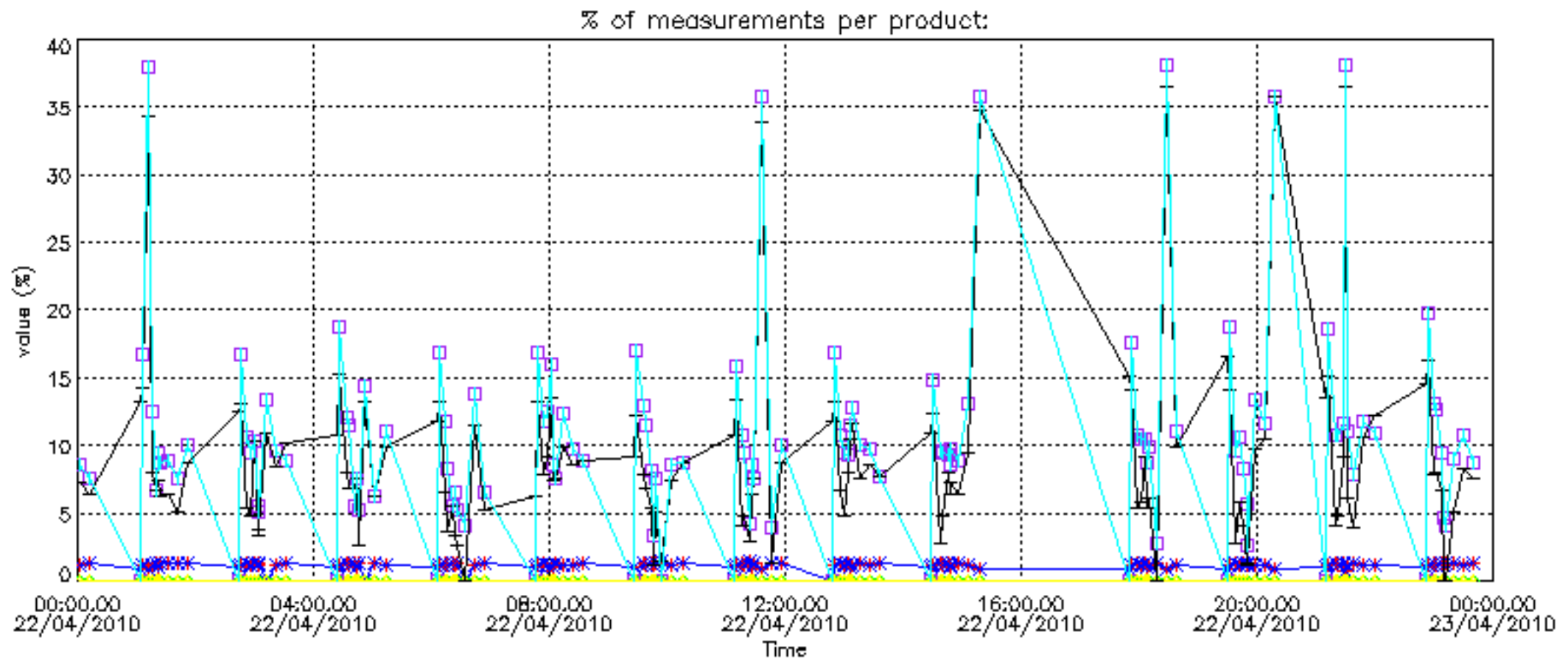


Percentage of flagged data per NO3 profile

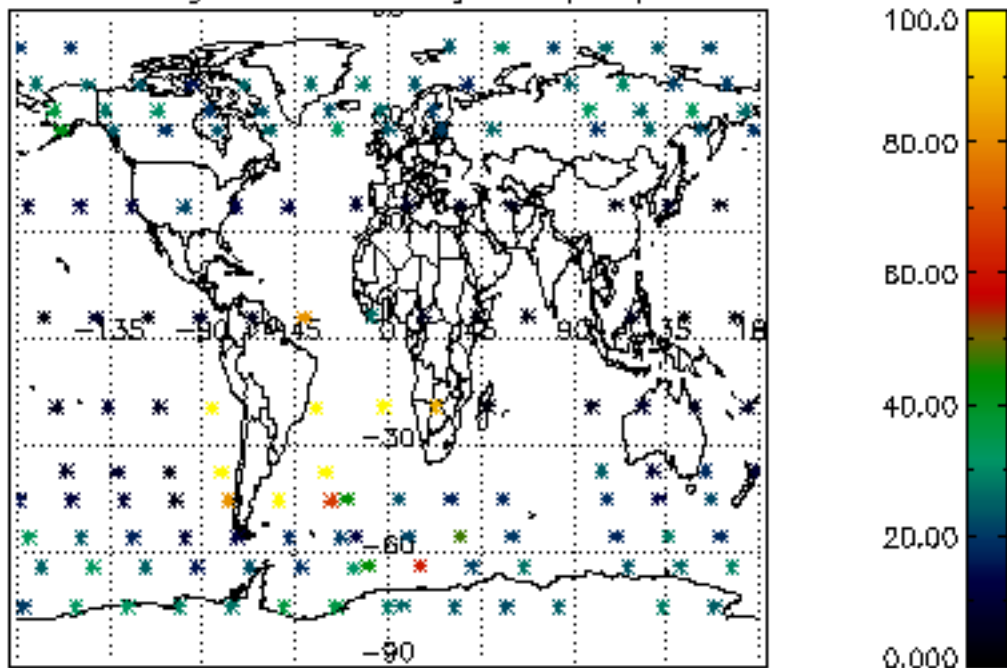




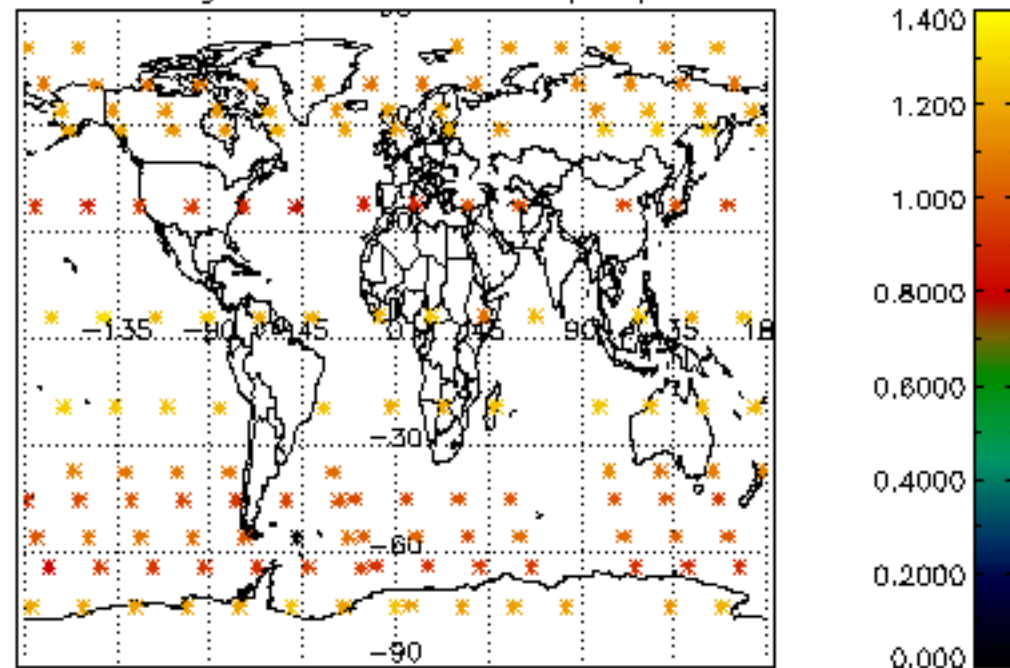




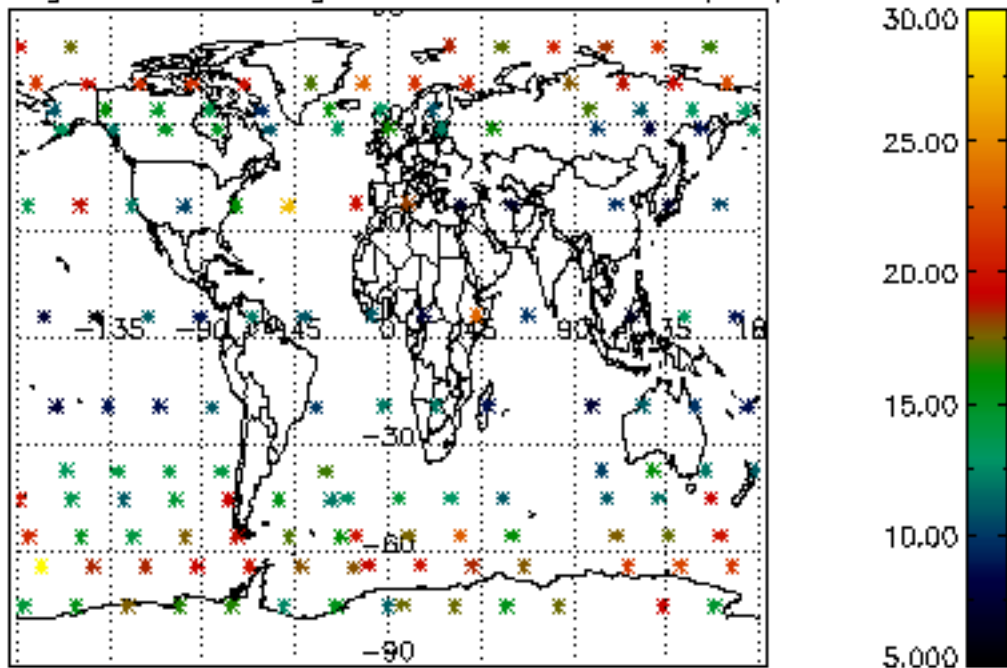
Percentage of cosmic ray hits per profile



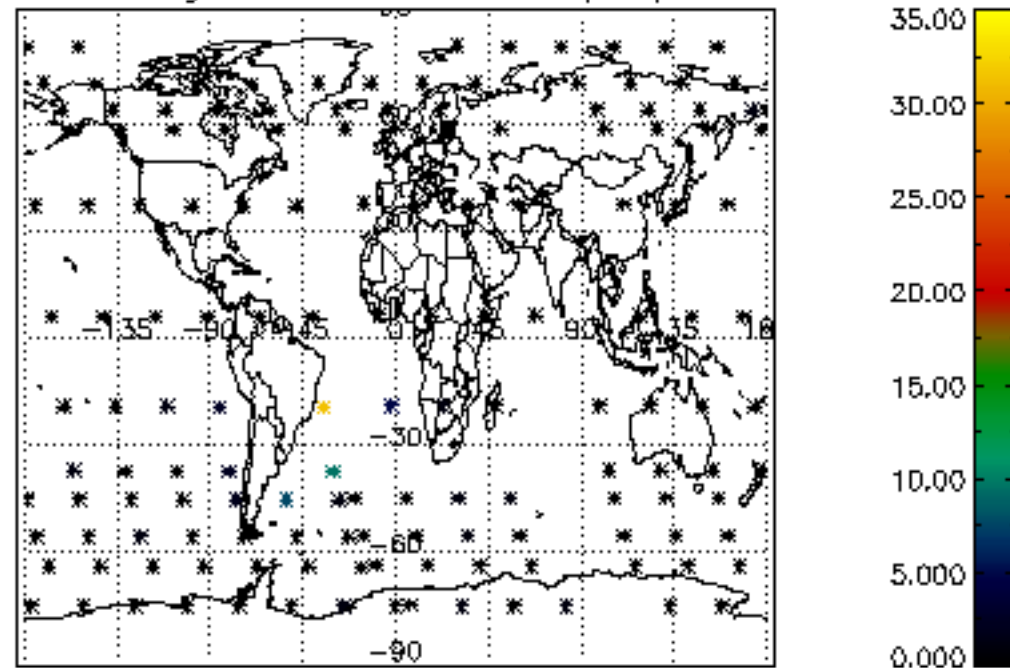
Percentage of datation errors per profile



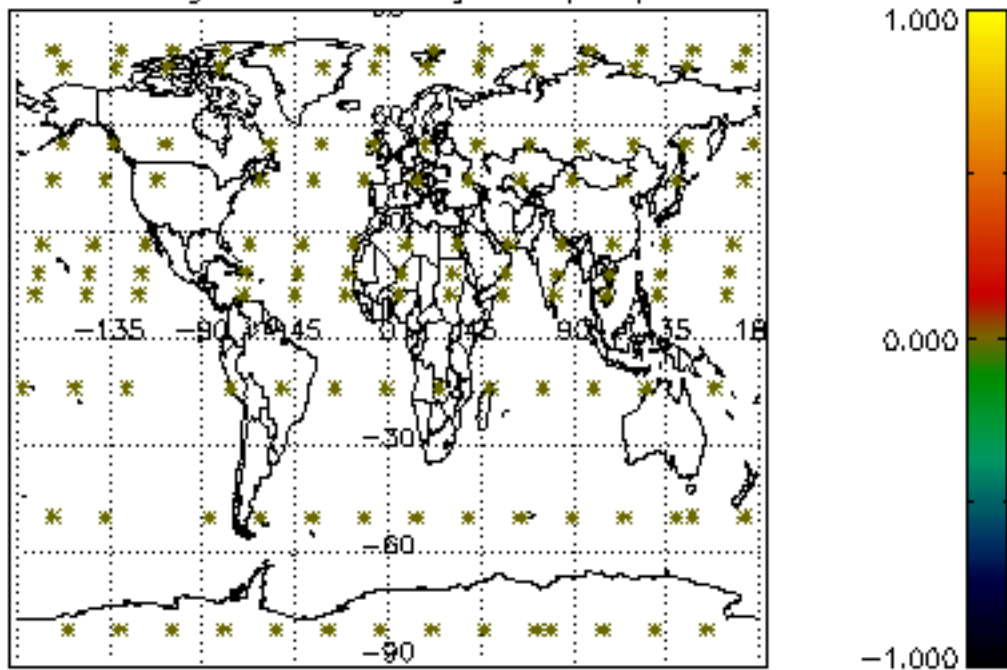
Percentage of star falling outside central band per profile



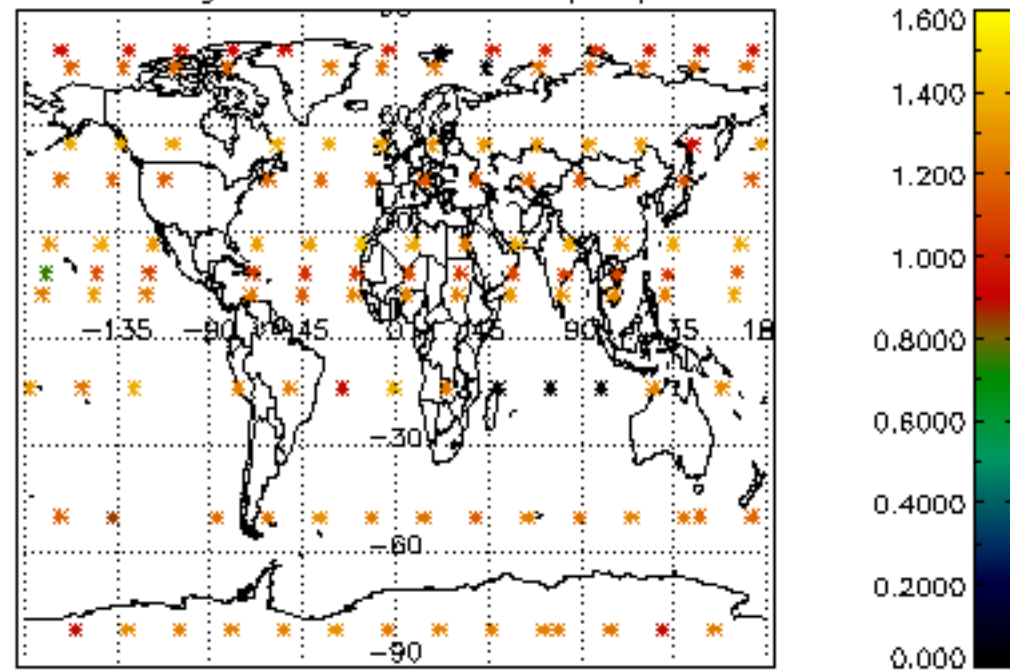
Percentage of saturation errors per profile



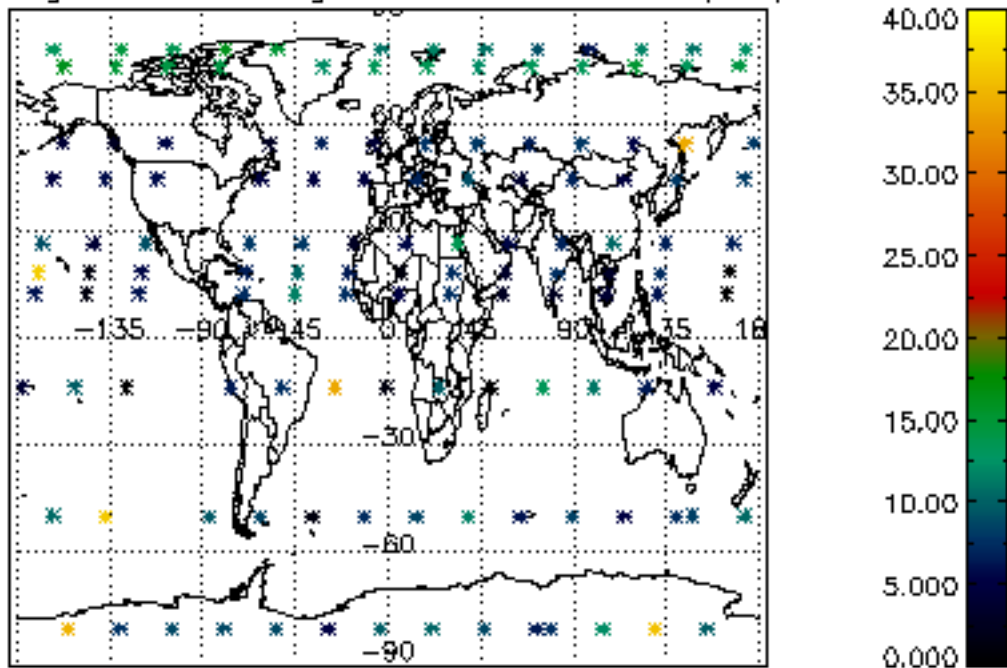
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

