

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 18:03:00
Data source version	GOMOS/6.01
Start time of products	17-03-2009 (17MAR2009 00:00:00)
Stop time of products	18-03-2009 (18MAR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	285
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__2PRFIN20090317_000042_000000482077_00202_36829_9699.N1	17-MAR-2009 00:00:42	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	36829	No
2	GOM_NL__2PRFIN20090317_000542_000000522077_00202_36829_9700.N1	17-MAR-2009 00:05:42	Bright	51.500	130	23Bet Dra	2.7990	5800.0	103	36829	No
3	GOM_NL__2PRFIN20090317_001211_000000732077_00202_36829_9701.N1	17-MAR-2009 00:12:11	Bright	73.000	5	3Alp Lyr	0.033000	11000.	146	36829	No
4	GOM_NL__2PRFIN20090317_002117_000000502077_00202_36829_9702.N1	17-MAR-2009 00:21:17	Twilight	49.500	118	50Gam Aql	2.7180	4600.0	99	36829	No
5	GOM_NL__2PRFIN20090317_003527_000000512077_00202_36829_9703.N1	17-MAR-2009 00:35:27	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	36829	No
6	GOM_NL__2PRFIN20090317_003730_000000482077_00202_36829_9704.N1	17-MAR-2009 00:37:30	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	36829	No
7	GOM_NL__2PRFIN20090317_004111_000000502077_00203_36830_9708.N1	17-MAR-2009 00:41:11	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	36830	No
8	GOM_NL__2PRFIN20090317_004953_000000512077_00203_36830_9709.N1	17-MAR-2009 00:49:53	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36830	No
9	GOM_NL__2PRFIN20090317_005152_000000472077_00203_36830_9710.N1	17-MAR-2009 00:51:52	Dark	46.500	78	Alp Lup	2.3040	28000.	93	36830	No
10	GOM_NL__2PRFIN20090317_005319_000000522077_00203_36830_9711.N1	17-MAR-2009 00:53:19	Dark	51.500	81	Eta Cen	2.3560	28000.	103	36830	No
11	GOM_NL__2PRFIN20090317_005626_000000562077_00203_36830_9712.N1	17-MAR-2009 00:56:26	Straylight	56.000	54	5The Cen	2.0550	4500.0	112	36830	No
12	GOM_NL__2PRFIN20090317_005813_000000482077_00203_36830_9713.N1	17-MAR-2009 00:58:13	Straylight	48.000	123	lot Cen	2.7500	10200.	96	36830	No
13	GOM_NL__2PRFIN20090317_010312_000000342077_00203_36830_9714.N1	17-MAR-2009 01:03:12	Straylight	34.000	169	46Gam Hya	2.9910	4700.0	68	36830	No
14	GOM_NL__2PRFIN20090317_010434_000000502077_00203_36830_9715.N1	17-MAR-2009 01:04:34	Straylight	50.000	171	2Eps Crv	3.0010	4250.0	100	36830	No
15	GOM_NL__2PRFIN20090317_010615_000000482077_00203_36830_9716.N1	17-MAR-2009 01:06:15	Twilight	48.000	100	4Gam Crv	2.5800	13100.	96	36830	No
16	GOM_NL__2PRFIN20090317_011718_000000472077_00203_36830_9717.N1	17-MAR-2009 01:17:18	Bright	46.500	62	94Bet Leo	2.1360	9700.0	93	36830	No
17	GOM_NL__2PRFIN20090317_012907_000000402077_00203_36830_9718.N1	17-MAR-2009 01:29:07	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	36830	No
18	GOM_NL__2PRFIN20090317_013143_000000462077_00203_36830_9719.N1	17-MAR-2009 01:31:43	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36830	No
19	GOM_NL__2PRFIN20090317_014117_000000482077_00203_36830_9720.N1	17-MAR-2009 01:41:17	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	36830	No
20	GOM_NL__2PRFIN20090317_014618_000000542077_00203_36830_9721.N1	17-MAR-2009 01:46:18	Bright	53.500	130	23Bet Dra	2.7990	5800.0	107	36830	No
21	GOM_NL__2PRFIN20090317_015247_000000632077_00203_36830_9722.N1	17-MAR-2009 01:52:47	Bright	62.500	5	3Alp Lyr	0.033000	11000.	125	36830	No
22	GOM_NL__2PRFIN20090317_020153_000000522077_00203_36830_9723.N1	17-MAR-2009 02:01:53	Twilight	52.000	118	50Gam Aql	2.7180	4600.0	104	36830	No
23	GOM_NL__2PRFIN20090317_021235_000000492077_00203_36830_9724.N1	17-MAR-2009 02:12:35	Dark	48.500	155	41Pi Sgr	2.9000	6600.0	97	36830	No
24	GOM_NL__2PRFIN20090317_021438_000000492077_00203_36830_9725.N1	17-MAR-2009 02:14:38	Dark	48.500	57	34Sig Sgr	2.0660	26000.	97	36830	No
25	GOM_NL__2PRFIN20090317_021604_000000562077_00203_36830_9726.N1	17-MAR-2009 02:16:04	Dark	56.000	137	22Lam Sgr	2.8240	4400.0	112	36830	No
26	GOM_NL__2PRFIN20090317_022149_000000502077_00204_36831_9724.N1	17-MAR-2009 02:21:49	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	36831	No
27	GOM_NL__2PRFIN20090317_023030_000000532077_00204_36831_9725.N1	17-MAR-2009 02:30:30	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36831	No
28	GOM_NL__2PRFIN20090317_023228_000000492077_00204_36831_9726.N1	17-MAR-2009 02:32:28	Dark	49.000	78	Alp Lup	2.3040	28000.	98	36831	No
29	GOM_NL__2PRFIN20090317_023356_000000552077_00204_36831_9727.N1	17-MAR-2009 02:33:56	Dark	54.500	81	Eta Cen	2.3560	28000.	109	36831	No
30	GOM_NL__2PRFIN20090317_023703_000000632077_00204_36831_9728.N1	17-MAR-2009 02:37:03	Straylight	62.500	54	5The Cen	2.0550	4500.0	125	36831	No
31	GOM_NL__2PRFIN20090317_023849_000000512077_00204_36831_9729.N1	17-MAR-2009 02:38:49	Straylight	50.500	123	lot Cen	2.7500	10200.	101	36831	No
32	GOM_NL__2PRFIN20090317_024348_000000342077_00204_36831_9730.N1	17-MAR-2009 02:43:48	Straylight	34.000	169	46Gam Hya	2.9910	4700.0	68	36831	No
33	GOM_NL__2PRFIN20090317_024510_000000492077_00204_36831_9731.N1	17-MAR-2009 02:45:10	Straylight	49.000	171	2Eps Crv	3.0010	4250.0	98	36831	No
34	GOM_NL__2PRFIN20090317_024651_000000482077_00204_36831_9732.N1	17-MAR-2009 02:46:51	Twilight	47.500	100	4Gam Crv	2.5800	13100.	95	36831	No
35	GOM_NL__2PRFIN20090317_025754_000000452077_00204_36831_9733.N1	17-MAR-2009 02:57:54	Bright	44.500	62	94Bet Leo	2.1360	9700.0	89	36831	No
36	GOM_NL__2PRFIN20090317_030943_000000412077_00204_36831_9734.N1	17-MAR-2009 03:09:43	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	36831	No
37	GOM_NL__2PRFIN20090317_031218_000000462077_00204_36831_9735.N1	17-MAR-2009 03:12:18	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36831	No
38	GOM_NL__2PRFIN20090317_032153_000000472077_00204_36831_9736.N1	17-MAR-2009 03:21:53	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36831	No
39	GOM_NL__2PRFIN20090317_032653_000000542077_00204_36831_9737.N1	17-MAR-2009 03:26:53	Bright	53.500	130	23Bet Dra	2.7990	5800.0	107	36831	No
40	GOM_NL__2PRFIN20090317_033323_000000732077_00204_36831_9738.N1	17-MAR-2009 03:33:23	Bright	73.000	5	3Alp Lyr	0.033000	11000.	146	36831	No
41	GOM_NL__2PRFIN20090317_034230_000000522077_00204_36831_9739.N1	17-MAR-2009 03:42:30	Twilight	52.000	118	50Gam Aql	2.7180	4600.0	104	36831	No
42	GOM_NL__2PRFIN20090317_035312_000000442077_00204_36831_9740.N1	17-MAR-2009 03:53:12	Dark	43.500	155	41Pi Sgr	2.9000	6600.0	87	36831	No

43	GOM_NL__2PRFIN20090317_035515_000000462077_00204_36831_9741.N1	17-MAR-2009 03:55:15	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	36831	No
44	GOM_NL__2PRFIN20090317_035641_000000482077_00204_36831_9742.N1	17-MAR-2009 03:56:41	Dark	48.000	137	22Lam Sgr	2.8240	4400.0	96	36831	No
45	GOM_NL__2PRFIN20090317_035844_000000462077_00204_36831_9743.N1	17-MAR-2009 03:58:44	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	36831	No
46	GOM_NL__2PRFIN20090317_040226_000000492077_00205_36832_9738.N1	17-MAR-2009 04:02:26	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	36832	No
47	GOM_NL__2PRFIN20090317_041107_000000522077_00205_36832_9739.N1	17-MAR-2009 04:11:07	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36832	No
48	GOM_NL__2PRFIN20090317_041305_000000472077_00205_36832_9740.N1	17-MAR-2009 04:13:05	Dark	46.500	78	Alp Lup	2.3040	28000.	93	36832	No
49	GOM_NL__2PRFIN20090317_041433_000000522077_00205_36832_9741.N1	17-MAR-2009 04:14:33	Dark	51.500	81	Eta Cen	2.3560	28000.	103	36832	No
50	GOM_NL__2PRFIN20090317_041739_000000622077_00205_36832_9742.N1	17-MAR-2009 04:17:39	Straylight	62.000	54	5The Cen	2.0550	4500.0	124	36832	No
51	GOM_NL__2PRFIN20090317_041926_000000502077_00205_36832_9743.N1	17-MAR-2009 04:19:26	Straylight	49.500	123	lot Cen	2.7500	10200.	99	36832	No
52	GOM_NL__2PRFIN20090317_042425_000000382077_00205_36832_9744.N1	17-MAR-2009 04:24:25	Straylight	38.000	169	46Gam Hya	2.9910	4700.0	76	36832	No
53	GOM_NL__2PRFIN20090317_042547_000000512077_00205_36832_9745.N1	17-MAR-2009 04:25:47	Straylight	51.000	171	2Eps Crv	3.0010	4250.0	102	36832	No
54	GOM_NL__2PRFIN20090317_042727_000000522077_00205_36832_9746.N1	17-MAR-2009 04:27:27	Tw_i_and_stray	51.500	100	4Gam Crv	2.5800	13100.	103	36832	No
55	GOM_NL__2PRFIN20090317_043829_000000462077_00205_36832_9747.N1	17-MAR-2009 04:38:29	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36832	No
56	GOM_NL__2PRFIN20090317_045018_000000422077_00205_36832_9748.N1	17-MAR-2009 04:50:18	Bright	42.000	87	64Gam UMa	2.4330	11000.	84	36832	No
57	GOM_NL__2PRFIN20090317_045254_000000462077_00205_36832_9749.N1	17-MAR-2009 04:52:54	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	36832	No
58	GOM_NL__2PRFIN20090317_050228_000000462077_00205_36832_9750.N1	17-MAR-2009 05:02:28	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	36832	No
59	GOM_NL__2PRFIN20090317_050729_000000532077_00205_36832_9751.N1	17-MAR-2009 05:07:29	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36832	No
60	GOM_NL__2PRFIN20090317_051359_000000532077_00205_36832_9752.N1	17-MAR-2009 05:13:59	Bright	52.500	5	3Alp Lyr	0.033000	11000.	105	36832	No
61	GOM_NL__2PRFIN20090317_052306_000000502077_00205_36832_9753.N1	17-MAR-2009 05:23:06	Tw_i_and_stray	50.000	118	50Gam Aql	2.7180	4600.0	100	36832	No
62	GOM_NL__2PRFIN20090317_053348_000000472077_00205_36832_9754.N1	17-MAR-2009 05:33:48	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	36832	No
63	GOM_NL__2PRFIN20090317_053552_000000492077_00205_36832_9755.N1	17-MAR-2009 05:35:52	Dark	49.000	57	34Sig Sgr	2.0660	26000.	98	36832	No
64	GOM_NL__2PRFIN20090317_053718_000000602077_00205_36832_9756.N1	17-MAR-2009 05:37:18	Dark	60.000	137	22Lam Sgr	2.8240	4400.0	120	36832	No
65	GOM_NL__2PRFIN20090317_053921_000000492077_00205_36832_9757.N1	17-MAR-2009 05:39:21	Dark	48.500	38	20Eps Sgr	1.8360	11000.	97	36832	No
66	GOM_NL__2PRFIN20090317_054302_000000522077_00206_36833_9752.N1	17-MAR-2009 05:43:02	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	36833	No
67	GOM_NL__2PRFIN20090317_055145_000000532077_00206_36833_9753.N1	17-MAR-2009 05:51:45	Dark	52.500	131	Gam Lup	2.8000	26000.	105	36833	No
68	GOM_NL__2PRFIN20090317_055342_000000442077_00206_36833_9754.N1	17-MAR-2009 05:53:42	Dark	44.000	78	Alp Lup	2.3040	28000.	88	36833	No
69	GOM_NL__2PRFIN20090317_055510_000000512077_00206_36833_9755.N1	17-MAR-2009 05:55:10	Dark	51.000	81	Eta Cen	2.3560	28000.	102	36833	No
70	GOM_NL__2PRFIN20090317_055816_000000602077_00206_36833_9756.N1	17-MAR-2009 05:58:16	Straylight	60.000	54	5The Cen	2.0550	4500.0	120	36833	No
71	GOM_NL__2PRFIN20090317_060003_000000472077_00206_36833_9757.N1	17-MAR-2009 06:00:03	Straylight	47.000	123	lot Cen	2.7500	10200.	94	36833	No
72	GOM_NL__2PRFIN20090317_060501_000000382077_00206_36833_9758.N1	17-MAR-2009 06:05:01	Straylight	38.000	169	46Gam Hya	2.9910	4700.0	76	36833	No
73	GOM_NL__2PRFIN20090317_060623_000000512077_00206_36833_9759.N1	17-MAR-2009 06:06:23	Straylight	50.500	171	2Eps Crv	3.0010	4250.0	101	36833	No
74	GOM_NL__2PRFIN20090317_060803_000000502077_00206_36833_9760.N1	17-MAR-2009 06:08:03	Tw_i_and_stray	50.000	100	4Gam Crv	2.5800	13100.	100	36833	No
75	GOM_NL__2PRFIN20090317_061905_000000462077_00206_36833_9761.N1	17-MAR-2009 06:19:05	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36833	No
76	GOM_NL__2PRFIN20090317_063054_000000402077_00206_36833_9762.N1	17-MAR-2009 06:30:54	Bright	39.500	87	64Gam UMa	2.4330	11000.	79	36833	No
77	GOM_NL__2PRFIN20090317_063329_000000432077_00206_36833_9763.N1	17-MAR-2009 06:33:29	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36833	No
78	GOM_NL__2PRFIN20090317_064304_000000452077_00206_36833_9764.N1	17-MAR-2009 06:43:04	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	36833	No
79	GOM_NL__2PRFIN20090317_064804_000000532077_00206_36833_9765.N1	17-MAR-2009 06:48:04	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36833	No
80	GOM_NL__2PRFIN20090317_065435_000000732077_00206_36833_9766.N1	17-MAR-2009 06:54:35	Bright	73.000	5	3Alp Lyr	0.033000	11000.	146	36833	No
81	GOM_NL__2PRFIN20090317_070342_000000502077_00206_36833_9767.N1	17-MAR-2009 07:03:42	Tw_i_and_stray	50.000	118	50Gam Aql	2.7180	4600.0	100	36833	No
82	GOM_NL__2PRFIN20090317_071425_000000462077_00206_36833_9768.N1	17-MAR-2009 07:14:25	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	36833	No
83	GOM_NL__2PRFIN20090317_071628_000000452077_00206_36833_9769.N1	17-MAR-2009 07:16:28	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	36833	No
84	GOM_NL__2PRFIN20090317_071755_000000502077_00206_36833_9770.N1	17-MAR-2009 07:17:55	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	36833	No
85	GOM_NL__2PRFIN20090317_071958_000000492077_00206_36833_9771.N1	17-MAR-2009 07:19:58	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	36833	No
86	GOM_NL__2PRFIN20090317_072341_000000532077_00207_36834_9766.N1	17-MAR-2009 07:23:41	Dark	52.500	25	35Lam Sco	1.6200	28000.	105	36834	No
87	GOM_NL__2PRFIN20090317_073221_000000522077_00207_36834_9767.N1	17-MAR-2009 07:32:21	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36834	No
88	GOM_NL__2PRFIN20090317_073418_000000472077_00207_36834_9768.N1	17-MAR-2009 07:34:18	Dark	46.500	78	Alp Lup	2.3040	28000.	93	36834	No
89	GOM_NL__2PRFIN20090317_073547_000000552077_00207_36834_9769.N1	17-MAR-2009 07:35:47	Dark	54.500	81	Eta Cen	2.3560	28000.	109	36834	No
90	GOM_NL__2PRFIN20090317_073853_000000552077_00207_36834_9770.N1	17-MAR-2009 07:38:53	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	36834	No
91	GOM_NL__2PRFIN20090317_074039_000000472077_00207_36834_9771.N1	17-MAR-2009 07:40:39	Straylight	47.000	123	lot Cen	2.7500	10200.	94	36834	No
92	GOM_NL__2PRFIN20090317_074538_000000432077_00207_36834_9772.N1	17-MAR-2009 07:45:38	Straylight	43.000	169	46Gam Hya	2.9910	4700.0	86	36834	No
93	GOM_NL__2PRFIN20090317_074659_000000522077_00207_36834_9773.N1	17-MAR-2009 07:46:59	Straylight	52.000	171	2Eps Crv	3.0010	4250.0	104	36834	No
94	GOM_NL__2PRFIN20090317_074839_000000512077_00207_36834_9774.N1	17-MAR-2009 07:48:39	Tw_i_and_stray	51.000	100	4Gam Crv	2.5800	13100.	102	36834	No
95	GOM_NL__2PRFIN20090317_075941_000000442077_00207_36834_9775.N1	17-MAR-2009 07:59:41	Bright	44.000	62	94Bet Leo	2.1360	9700.0	88	36834	No
96	GOM_NL__2PRFIN20090317_081130_000000402077_00207_36834_9776.N1	17-MAR-2009 08:11:30	Bright	39.500	87	64Gam UMa	2.4330	11000.	79	36834	No
97	GOM_NL__2PRFIN20090317_081405_000000432077_00207_36834_9777.N1	17-MAR-2009 08:14:05	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36834	No
98	GOM_NL__2PRFIN20090317_082339_000000482077_00207_36834_9778.N1	17-MAR-2009 08:23:39	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	36834	No
99	GOM_NL__2PRFIN20090317_082840_000000532077_00207_36834_9779.N1	17-MAR-2009 08:28:40	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36834	No
100	GOM_NL__2PRFIN20090317_083510_000000532077_00207_36834_9780.N1	17-MAR-2009 08:35:10	Bright	52.500	5	3Alp Lyr	0.033000	11000.	105	36834	No
101	GOM_NL__2PRFIN20090317_084419_000000522077_00207_36834_9781.N1	17-MAR-2009 08:44:19	Tw_i_and_stray	51.500	118	50Gam Aql	2.7180	4600.0	103	36834	No

102	GOM_NL__2PRFIN20090317_085502_000000482077_00207_36834_9782.N1	17-MAR-2009 08:55:02	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	36834	No
103	GOM_NL__2PRFIN20090317_085705_000000462077_00207_36834_9783.N1	17-MAR-2009 08:57:05	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	36834	No
104	GOM_NL__2PRFIN20090317_085832_000000312077_00207_36834_9784.N1	17-MAR-2009 08:58:32	Dark	31.000	137	22Lam Sgr	2.8240	4400.0	62	36834	No
105	GOM_NL__2PRFIN20090317_090035_000000502077_00207_36834_9785.N1	17-MAR-2009 09:00:35	Dark	49.500	38	20Eps Sgr	1.8360	11000.	99	36834	No
106	GOM_NL__2PRFIN20090317_090417_000000512077_00208_36835_9777.N1	17-MAR-2009 09:04:17	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36835	No
107	GOM_NL__2PRFIN20090317_091258_000000532077_00208_36835_9778.N1	17-MAR-2009 09:12:58	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36835	No
108	GOM_NL__2PRFIN20090317_091455_000000512077_00208_36835_9779.N1	17-MAR-2009 09:14:55	Dark	51.000	78	Alp Lup	2.3040	28000.	102	36835	No
109	GOM_NL__2PRFIN20090317_091623_000000512077_00208_36835_9780.N1	17-MAR-2009 09:16:23	Dark	50.500	81	Eta Cen	2.3560	28000.	101	36835	No
110	GOM_NL__2PRFIN20090317_091929_000000612077_00208_36835_9781.N1	17-MAR-2009 09:19:29	Straylight	61.000	54	5The Cen	2.0550	4500.0	122	36835	No
111	GOM_NL__2PRFIN20090317_092116_000000492077_00208_36835_9782.N1	17-MAR-2009 09:21:16	Straylight	48.500	123	lot Cen	2.7500	10200.	97	36835	No
112	GOM_NL__2PRFIN20090317_092614_000000432077_00208_36835_9783.N1	17-MAR-2009 09:26:14	Straylight	43.000	169	46Gam Hya	2.9910	4700.0	86	36835	No
113	GOM_NL__2PRFIN20090317_092735_000000472077_00208_36835_9784.N1	17-MAR-2009 09:27:35	Straylight	46.500	171	2Eps Crv	3.0010	4250.0	93	36835	No
114	GOM_NL__2PRFIN20090317_092915_000000522077_00208_36835_9785.N1	17-MAR-2009 09:29:15	Twi_and_stray	51.500	100	4Gam Crv	2.5800	13100.	103	36835	No
115	GOM_NL__2PRFIN20090317_094016_000000312077_00208_36835_9786.N1	17-MAR-2009 09:40:16	Twi_and_stray	31.000	62	94Bet Leo	2.1360	9700.0	62	36835	No
116	GOM_NL__2PRFIN20090317_095205_000000402077_00208_36835_9787.N1	17-MAR-2009 09:52:05	Bright	39.500	87	64Gam UMa	2.4330	11000.	79	36835	No
117	GOM_NL__2PRFIN20090317_095440_000000432077_00208_36835_9788.N1	17-MAR-2009 09:54:40	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36835	No
118	GOM_NL__2PRFIN20090317_100414_000000472077_00208_36835_9789.N1	17-MAR-2009 10:04:14	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36835	No
119	GOM_NL__2PRFIN20090317_100915_000000522077_00208_36835_9790.N1	17-MAR-2009 10:09:15	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36835	No
120	GOM_NL__2PRFIN20090317_101546_000000692077_00208_36835_9791.N1	17-MAR-2009 10:15:46	Bright	68.500	5	3Alp Lyr	0.033000	11000.	137	36835	No
121	GOM_NL__2PRFIN20090317_102455_000000522077_00208_36835_9792.N1	17-MAR-2009 10:24:55	Twi_and_stray	51.500	118	50Gam Aql	2.7180	4600.0	103	36835	No
122	GOM_NL__2PRFIN20090317_103539_000000512077_00208_36835_9793.N1	17-MAR-2009 10:35:39	Dark	50.500	155	41Pi Sgr	2.9000	6600.0	101	36835	No
123	GOM_NL__2PRFIN20090317_103742_000000502077_00208_36835_9794.N1	17-MAR-2009 10:37:42	Dark	49.500	57	34Sig Sgr	2.0660	26000.	99	36835	No
124	GOM_NL__2PRFIN20090317_103909_000000522077_00208_36835_9795.N1	17-MAR-2009 10:39:09	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	36835	No
125	GOM_NL__2PRFIN20090317_104112_000000542077_00208_36835_9796.N1	17-MAR-2009 10:41:12	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	36835	No
126	GOM_NL__2PRFIN20090317_104454_000000512077_00209_36836_9795.N1	17-MAR-2009 10:44:54	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	36836	No
127	GOM_NL__2PRFIN20090317_105335_000000512077_00209_36836_9796.N1	17-MAR-2009 10:53:35	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36836	No
128	GOM_NL__2PRFIN20090317_105532_000000482077_00209_36836_9797.N1	17-MAR-2009 10:55:32	Dark	47.500	78	Alp Lup	2.3040	28000.	95	36836	No
129	GOM_NL__2PRFIN20090317_105700_000000572077_00209_36836_9798.N1	17-MAR-2009 10:57:00	Dark	57.000	81	Eta Cen	2.3560	28000.	114	36836	No
130	GOM_NL__2PRFIN20090317_110006_000000602077_00209_36836_9799.N1	17-MAR-2009 11:00:06	Straylight	60.000	54	5The Cen	2.0550	4500.0	120	36836	No
131	GOM_NL__2PRFIN20090317_110152_000000502077_00209_36836_9800.N1	17-MAR-2009 11:01:52	Straylight	49.500	123	lot Cen	2.7500	10200.	99	36836	No
132	GOM_NL__2PRFIN20090317_110650_000000472077_00209_36836_9801.N1	17-MAR-2009 11:06:50	Straylight	47.000	169	46Gam Hya	2.9910	4700.0	94	36836	No
133	GOM_NL__2PRFIN20090317_110811_000000482077_00209_36836_9802.N1	17-MAR-2009 11:08:11	Straylight	48.000	171	2Eps Crv	3.0010	4250.0	96	36836	No
134	GOM_NL__2PRFIN20090317_110951_000000492077_00209_36836_9803.N1	17-MAR-2009 11:09:51	Twi_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	36836	No
135	GOM_NL__2PRFIN20090317_112051_000000452077_00209_36836_9804.N1	17-MAR-2009 11:20:51	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36836	No
136	GOM_NL__2PRFIN20090317_113240_000000402077_00209_36836_9805.N1	17-MAR-2009 11:32:40	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	36836	No
137	GOM_NL__2PRFIN20090317_113515_000000462077_00209_36836_9806.N1	17-MAR-2009 11:35:15	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36836	No
138	GOM_NL__2PRFIN20090317_114449_000000452077_00209_36836_9807.N1	17-MAR-2009 11:44:49	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	36836	No
139	GOM_NL__2PRFIN20090317_114950_000000532077_00209_36836_9808.N1	17-MAR-2009 11:49:50	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36836	No
140	GOM_NL__2PRFIN20090317_115418_000000402077_00209_36836_9809.N1	17-MAR-2009 11:54:18	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	36836	No
141	GOM_NL__2PRFIN20090317_115622_000000522077_00209_36836_9810.N1	17-MAR-2009 11:56:22	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	36836	No
142	GOM_NL__2PRFIN20090317_120532_000000522077_00209_36836_9811.N1	17-MAR-2009 12:05:32	Twi_and_stray	51.500	118	50Gam Aql	2.7180	4600.0	103	36836	No
143	GOM_NL__2PRFIN20090317_121615_000000462077_00209_36836_9812.N1	17-MAR-2009 12:16:15	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	36836	No
144	GOM_NL__2PRFIN20090317_121819_000000472077_00209_36836_9813.N1	17-MAR-2009 12:18:19	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	36836	No
145	GOM_NL__2PRFIN20090317_121946_000000532077_00209_36836_9814.N1	17-MAR-2009 12:19:46	Dark	52.500	137	22Lam Sgr	2.8240	4400.0	105	36836	No
146	GOM_NL__2PRFIN20090317_122148_000000482077_00209_36836_9815.N1	17-MAR-2009 12:21:48	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	36836	No
147	GOM_NL__2PRFIN20090317_122531_000000512077_00210_36837_9809.N1	17-MAR-2009 12:25:31	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36837	No
148	GOM_NL__2PRFIN20090317_123412_000000542077_00210_36837_9810.N1	17-MAR-2009 12:34:12	Dark	54.000	131	Gam Lup	2.8000	26000.	108	36837	No
149	GOM_NL__2PRFIN20090317_123609_000000462077_00210_36837_9811.N1	17-MAR-2009 12:36:09	Dark	45.500	78	Alp Lup	2.3040	28000.	91	36837	No
150	GOM_NL__2PRFIN20090317_123737_000000522077_00210_36837_9812.N1	17-MAR-2009 12:37:37	Dark	52.000	81	Eta Cen	2.3560	28000.	104	36837	No
151	GOM_NL__2PRFIN20090317_124043_000000642077_00210_36837_9813.N1	17-MAR-2009 12:40:43	Straylight	64.000	54	5The Cen	2.0550	4500.0	128	36837	No
152	GOM_NL__2PRFIN20090317_124229_000000502077_00210_36837_9814.N1	17-MAR-2009 12:42:29	Straylight	49.500	123	lot Cen	2.7500	10200.	99	36837	No
153	GOM_NL__2PRFIN20090317_124726_000000472077_00210_36837_9815.N1	17-MAR-2009 12:47:26	Straylight	47.000	169	46Gam Hya	2.9910	4700.0	94	36837	No
154	GOM_NL__2PRFIN20090317_124847_000000472077_00210_36837_9816.N1	17-MAR-2009 12:48:47	Straylight	47.000	171	2Eps Crv	3.0010	4250.0	94	36837	No
155	GOM_NL__2PRFIN20090317_125027_000000452077_00210_36837_9817.N1	17-MAR-2009 12:50:27	Twi_and_stray	45.000	100	4Gam Crv	2.5800	13100.	90	36837	No
156	GOM_NL__2PRFIN20090317_130127_000000522077_00210_36837_9818.N1	17-MAR-2009 13:01:27	Bright	51.500	62	94Bet Leo	2.1360	9700.0	103	36837	No
157	GOM_NL__2PRFIN20090317_131316_000000412077_00210_36837_9819.N1	17-MAR-2009 13:13:16	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	36837	No
158	GOM_NL__2PRFIN20090317_131550_000000462077_00210_36837_9820.N1	17-MAR-2009 13:15:50	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36837	No
159	GOM_NL__2PRFIN20090317_132525_000000472077_00210_36837_9821.N1	17-MAR-2009 13:25:25	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36837	No
160	GOM_NL__2PRFIN20090317_133026_000000522077_00210_36837_9822.N1	17-MAR-2009 13:30:26	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36837	No



161	GOM_NL__2PRFIN20090317_133454_000000422077_00210_36837_9823.N1	17-MAR-2009 13:34:54	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	36837	No
162	GOM_NL__2PRFIN20090317_133658_000000742077_00210_36837_9824.N1	17-MAR-2009 13:36:58	Bright	74.000	5	3Alp Lyr	0.033000	11000.	148	36837	No
163	GOM_NL__2PRFIN20090317_134608_000000562077_00210_36837_9825.N1	17-MAR-2009 13:46:08	Twilight	56.000	118	50Gam Aql	2.7180	4600.0	112	36837	No
164	GOM_NL__2PRFIN20090317_135652_000000502077_00210_36837_9826.N1	17-MAR-2009 13:56:52	Dark	49.500	155	41Pi Sgr	2.9000	6600.0	99	36837	No
165	GOM_NL__2PRFIN20090317_135856_000000452077_00210_36837_9827.N1	17-MAR-2009 13:58:56	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	36837	No
166	GOM_NL__2PRFIN20090317_140023_000000532077_00210_36837_9828.N1	17-MAR-2009 14:00:23	Dark	53.000	137	22Lam Sgr	2.8240	4400.0	106	36837	No
167	GOM_NL__2PRFIN20090317_140225_000000462077_00210_36837_9829.N1	17-MAR-2009 14:02:25	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	36837	No
168	GOM_NL__2PRFIN20090317_140608_000000492077_00211_36838_9870.N1	17-MAR-2009 14:06:08	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	36838	No
169	GOM_NL__2PRFIN20090317_141449_000000562077_00211_36838_9871.N1	17-MAR-2009 14:14:49	Dark	55.500	131	Gam Lup	2.8000	26000.	111	36838	No
170	GOM_NL__2PRFIN20090317_141645_000000492077_00211_36838_9872.N1	17-MAR-2009 14:16:45	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36838	No
171	GOM_NL__2PRFIN20090317_141814_000000522077_00211_36838_9873.N1	17-MAR-2009 14:18:14	Dark	52.000	81	Eta Cen	2.3560	28000.	104	36838	No
172	GOM_NL__2PRFIN20090317_142120_000000592077_00211_36838_9874.N1	17-MAR-2009 14:21:20	Straylight	59.000	54	5The Cen	2.0550	4500.0	118	36838	No
173	GOM_NL__2PRFIN20090317_142305_000000492077_00211_36838_9875.N1	17-MAR-2009 14:23:05	Straylight	48.500	123	lot Cen	2.7500	10200.	97	36838	No
174	GOM_NL__2PRFIN20090317_142802_000000522077_00211_36838_9876.N1	17-MAR-2009 14:28:02	Straylight	52.000	169	46Gam Hya	2.9910	4700.0	104	36838	No
175	GOM_NL__2PRFIN20090317_142923_000000512077_00211_36838_9877.N1	17-MAR-2009 14:29:23	Straylight	51.000	171	2Eps Crv	3.0010	4250.0	102	36838	No
176	GOM_NL__2PRFIN20090317_143103_000000492077_00211_36838_9878.N1	17-MAR-2009 14:31:03	Twilight	48.500	100	4Gam Crv	2.5800	13100.	97	36838	No
177	GOM_NL__2PRFIN20090317_144202_000000462077_00211_36838_9879.N1	17-MAR-2009 14:42:02	Bright	46.000	62	94Bet Leo	2.1360	9700.0	92	36838	No
178	GOM_NL__2PRFIN20090317_145351_000000382077_00211_36838_9880.N1	17-MAR-2009 14:53:51	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	36838	No
179	GOM_NL__2PRFIN20090317_145625_000000442077_00211_36838_9881.N1	17-MAR-2009 14:56:25	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	36838	No
180	GOM_NL__2PRFIN20090317_150600_000000472077_00211_36838_9882.N1	17-MAR-2009 15:06:00	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	36838	No
181	GOM_NL__2PRFIN20090317_151101_000000532077_00211_36838_9883.N1	17-MAR-2009 15:11:01	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36838	No
182	GOM_NL__2PRFIN20090317_151529_000000432077_00211_36838_9884.N1	17-MAR-2009 15:15:29	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	36838	No
183	GOM_NL__2PRFIN20090317_151734_000000742077_00211_36838_9885.N1	17-MAR-2009 15:17:34	Bright	74.000	5	3Alp Lyr	0.033000	11000.	148	36838	No
184	GOM_NL__2PRFIN20090317_152645_000000572077_00211_36838_9886.N1	17-MAR-2009 15:26:45	Twilight	56.500	118	50Gam Aql	2.7180	4600.0	113	36838	No
185	GOM_NL__2PRFIN20090317_153729_000000462077_00211_36838_9887.N1	17-MAR-2009 15:37:29	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	36838	No
186	GOM_NL__2PRFIN20090317_153932_000000462077_00211_36838_9888.N1	17-MAR-2009 15:39:32	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	36838	No
187	GOM_NL__2PRFIN20090317_154100_000000522077_00211_36838_9889.N1	17-MAR-2009 15:41:00	Dark	51.500	137	22Lam Sgr	2.8240	4400.0	103	36838	No
188	GOM_NL__2PRFIN20090317_154302_000000482077_00211_36838_9890.N1	17-MAR-2009 15:43:02	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	36838	No
189	GOM_NL__2PRFIN20090317_154646_000000512077_00212_36839_9903.N1	17-MAR-2009 15:46:46	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	36839	No
190	GOM_NL__2PRFIN20090317_155526_000000532077_00212_36839_9904.N1	17-MAR-2009 15:55:26	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36839	No
191	GOM_NL__2PRFIN20090317_155722_000000452077_00212_36839_9905.N1	17-MAR-2009 15:57:22	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36839	No
192	GOM_NL__2PRFIN20090317_155850_000000522077_00212_36839_9906.N1	17-MAR-2009 15:58:50	Dark	52.000	81	Eta Cen	2.3560	28000.	104	36839	No
193	GOM_NL__2PRFIN20090317_160156_000000582077_00212_36839_9907.N1	17-MAR-2009 16:01:56	Straylight	58.000	54	5The Cen	2.0550	4500.0	116	36839	No
194	GOM_NL__2PRFIN20090317_160342_000000522077_00212_36839_9908.N1	17-MAR-2009 16:03:42	Straylight	51.500	123	lot Cen	2.7500	10200.	103	36839	No
195	GOM_NL__2PRFIN20090317_160839_000000522077_00212_36839_9909.N1	17-MAR-2009 16:08:39	Straylight	52.000	169	46Gam Hya	2.9910	4700.0	104	36839	No
196	GOM_NL__2PRFIN20090317_160959_000000482077_00212_36839_9910.N1	17-MAR-2009 16:09:59	Straylight	48.000	171	2Eps Crv	3.0010	4250.0	96	36839	No
197	GOM_NL__2PRFIN20090317_161139_000000492077_00212_36839_9911.N1	17-MAR-2009 16:11:39	Twilight	48.500	100	4Gam Crv	2.5800	13100.	97	36839	No
198	GOM_NL__2PRFIN20090317_162238_000000452077_00212_36839_9912.N1	17-MAR-2009 16:22:38	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36839	No
199	GOM_NL__2PRFIN20090317_163427_000000412077_00212_36839_9913.N1	17-MAR-2009 16:34:27	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	36839	No
200	GOM_NL__2PRFIN20090317_163701_000000462077_00212_36839_9914.N1	17-MAR-2009 16:37:01	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	36839	No
201	GOM_NL__2PRFIN20090317_164635_000000472077_00212_36839_9915.N1	17-MAR-2009 16:46:35	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	36839	No
202	GOM_NL__2PRFIN20090317_165136_000000532077_00212_36839_9916.N1	17-MAR-2009 16:51:36	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36839	No
203	GOM_NL__2PRFIN20090317_165605_000000392077_00212_36839_9917.N1	17-MAR-2009 16:56:05	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	36839	No
204	GOM_NL__2PRFIN20090317_165810_000000522077_00212_36839_9918.N1	17-MAR-2009 16:58:10	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	36839	No
205	GOM_NL__2PRFIN20090317_170721_000000502077_00212_36839_9919.N1	17-MAR-2009 17:07:21	Twilight	49.500	118	50Gam Aql	2.7180	4600.0	99	36839	No
206	GOM_NL__2PRFIN20090317_171806_000000442077_00212_36839_9920.N1	17-MAR-2009 17:18:06	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	36839	No
207	GOM_NL__2PRFIN20090317_172009_000000472077_00212_36839_9921.N1	17-MAR-2009 17:20:09	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	36839	No
208	GOM_NL__2PRFIN20090317_172137_000000642077_00212_36839_9922.N1	17-MAR-2009 17:21:37	Dark	63.500	137	22Lam Sgr	2.8240	4400.0	127	36839	No
209	GOM_NL__2PRFIN20090317_172339_000000482077_00212_36839_9923.N1	17-MAR-2009 17:23:39	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	36839	No
210	GOM_NL__2PRFIN20090317_172722_000000512077_00213_36840_9917.N1	17-MAR-2009 17:27:22	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36840	No
211	GOM_NL__2PRFIN20090317_173604_000000522077_00213_36840_9918.N1	17-MAR-2009 17:36:04	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36840	No
212	GOM_NL__2PRFIN20090317_173759_000000552077_00213_36840_9919.N1	17-MAR-2009 17:37:59	Dark	55.000	78	Alp Lup	2.3040	28000.	110	36840	No
213	GOM_NL__2PRFIN20090317_173927_000000502077_00213_36840_9920.N1	17-MAR-2009 17:39:27	Dark	49.500	81	Eta Cen	2.3560	28000.	99	36840	No
214	GOM_NL__2PRFIN20090317_174233_000000602077_00213_36840_9921.N1	17-MAR-2009 17:42:33	Straylight	59.500	54	5The Cen	2.0550	4500.0	119	36840	No
215	GOM_NL__2PRFIN20090317_174418_000000462077_00213_36840_9922.N1	17-MAR-2009 17:44:18	Straylight	46.000	123	lot Cen	2.7500	10200.	92	36840	No
216	GOM_NL__2PRFIN20090317_174959_000000542077_00213_36840_9923.N1	17-MAR-2009 17:49:59	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	36840	No
217	GOM_NL__2PRFIN20090317_175216_000000492077_00213_36840_9924.N1	17-MAR-2009 17:52:16	Twilight	49.000	100	4Gam Crv	2.5800	13100.	98	36840	No
218	GOM_NL__2PRFIN20090317_180314_000000452077_00213_36840_9925.N1	17-MAR-2009 18:03:14	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36840	No
219	GOM_NL__2PRFIN20090317_181503_000000412077_00213_36840_9926.N1	17-MAR-2009 18:15:03	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	36840	No

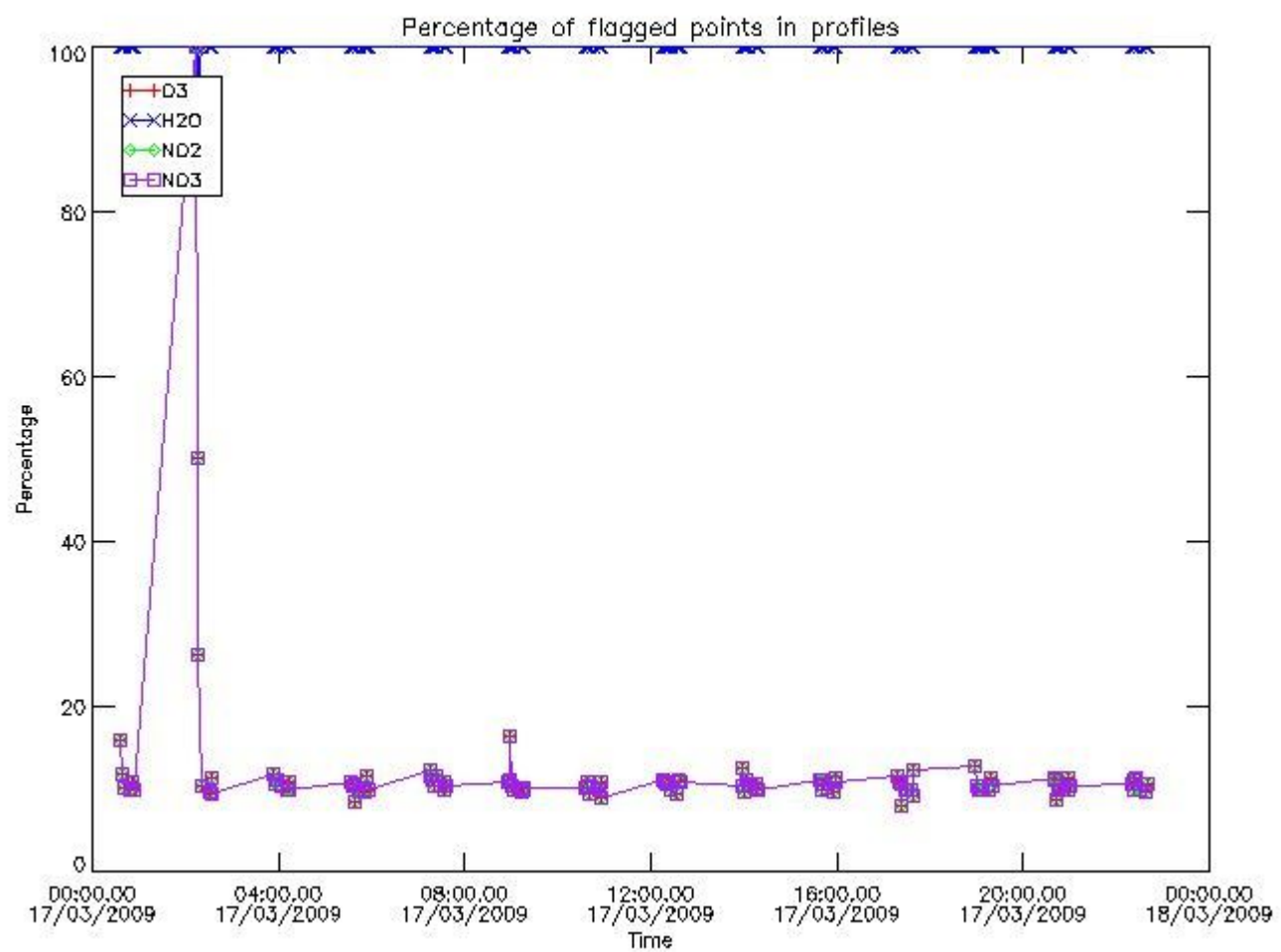
220	GOM_NL__2PRFIN20090317_181736_000000462077_00213_36840_9927.N1	17-MAR-2009 18:17:36	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	36840	No
221	GOM_NL__2PRFIN20090317_182711_000000472077_00213_36840_9928.N1	17-MAR-2009 18:27:11	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	36840	No
222	GOM_NL__2PRFIN20090317_183212_000000502077_00213_36840_9929.N1	17-MAR-2009 18:32:12	Bright	50.000	130	23Bet Dra	2.7990	5800.0	100	36840	No
223	GOM_NL__2PRFIN20090317_183641_000000392077_00213_36840_9930.N1	17-MAR-2009 18:36:41	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	36840	No
224	GOM_NL__2PRFIN20090317_183846_000000562077_00213_36840_9931.N1	17-MAR-2009 18:38:46	Bright	55.500	5	3Alp Lyr	0.033000	11000.	111	36840	No
225	GOM_NL__2PRFIN20090317_184757_000000522077_00213_36840_9932.N1	17-MAR-2009 18:47:57	Tw_i_and_stray	52.000	118	50Gam Aql	2.7180	4600.0	104	36840	No
226	GOM_NL__2PRFIN20090317_185843_000000442077_00213_36840_9933.N1	17-MAR-2009 18:58:43	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	36840	No
227	GOM_NL__2PRFIN20090317_190046_000000502077_00213_36840_9934.N1	17-MAR-2009 19:00:46	Dark	49.500	57	34Sig Sgr	2.0660	26000.	99	36840	No
228	GOM_NL__2PRFIN20090317_190215_000000572077_00213_36840_9935.N1	17-MAR-2009 19:02:15	Dark	57.000	137	22Lam Sgr	2.8240	4400.0	114	36840	No
229	GOM_NL__2PRFIN20090317_190416_000000512077_00213_36840_9936.N1	17-MAR-2009 19:04:16	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	36840	No
230	GOM_NL__2PRFIN20090317_190800_000000522077_00214_36841_9934.N1	17-MAR-2009 19:08:00	Dark	52.000	25	35Lam Sco	1.6200	28000.	104	36841	No
231	GOM_NL__2PRFIN20090317_191640_000000512077_00214_36841_9935.N1	17-MAR-2009 19:16:40	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36841	No
232	GOM_NL__2PRFIN20090317_191836_000000452077_00214_36841_9936.N1	17-MAR-2009 19:18:36	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36841	No
233	GOM_NL__2PRFIN20090317_192004_000000502077_00214_36841_9937.N1	17-MAR-2009 19:20:04	Dark	49.500	81	Eta Cen	2.3560	28000.	99	36841	No
234	GOM_NL__2PRFIN20090317_192310_000000612077_00214_36841_9938.N1	17-MAR-2009 19:23:10	Straylight	60.500	54	5The Cen	2.0550	4500.0	121	36841	No
235	GOM_NL__2PRFIN20090317_192455_000000492077_00214_36841_9939.N1	17-MAR-2009 19:24:55	Straylight	49.000	123	lot Cen	2.7500	10200.	98	36841	No
236	GOM_NL__2PRFIN20090317_193035_000000532077_00214_36841_9940.N1	17-MAR-2009 19:30:35	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	36841	No
237	GOM_NL__2PRFIN20090317_193252_000000512077_00214_36841_9941.N1	17-MAR-2009 19:32:52	Tw_i_and_stray	50.500	100	4Gam Crv	2.5800	13100.	101	36841	No
238	GOM_NL__2PRFIN20090317_194349_000000462077_00214_36841_9942.N1	17-MAR-2009 19:43:49	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36841	No
239	GOM_NL__2PRFIN20090317_195538_000000402077_00214_36841_9943.N1	17-MAR-2009 19:55:38	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	36841	No
240	GOM_NL__2PRFIN20090317_195811_000000432077_00214_36841_9944.N1	17-MAR-2009 19:58:11	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36841	No
241	GOM_NL__2PRFIN20090317_200746_000000442077_00214_36841_9945.N1	17-MAR-2009 20:07:46	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	36841	No
242	GOM_NL__2PRFIN20090317_201247_000000532077_00214_36841_9946.N1	17-MAR-2009 20:12:47	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36841	No
243	GOM_NL__2PRFIN20090317_201717_000000592077_00214_36841_9947.N1	17-MAR-2009 20:17:17	Bright	59.000	144	18Del Cyg	2.8600	11000.	118	36841	No
244	GOM_NL__2PRFIN20090317_201921_000000742077_00214_36841_9948.N1	17-MAR-2009 20:19:21	Bright	74.000	5	3Alp Lyr	0.033000	11000.	148	36841	No
245	GOM_NL__2PRFIN20090317_202834_000000542077_00214_36841_9949.N1	17-MAR-2009 20:28:34	Tw_i_and_stray	53.500	118	50Gam Aql	2.7180	4600.0	107	36841	No
246	GOM_NL__2PRFIN20090317_203919_000000452077_00214_36841_9950.N1	17-MAR-2009 20:39:19	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	36841	No
247	GOM_NL__2PRFIN20090317_204123_000000462077_00214_36841_9951.N1	17-MAR-2009 20:41:23	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	36841	No
248	GOM_NL__2PRFIN20090317_204252_000000592077_00214_36841_9952.N1	17-MAR-2009 20:42:52	Dark	58.500	137	22Lam Sgr	2.8240	4400.0	117	36841	No
249	GOM_NL__2PRFIN20090317_204453_000000522077_00214_36841_9953.N1	17-MAR-2009 20:44:53	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	36841	No
250	GOM_NL__2PRFIN20090317_204837_000000542077_00215_36842_9950.N1	17-MAR-2009 20:48:37	Dark	53.500	25	35Lam Sco	1.6200	28000.	107	36842	No
251	GOM_NL__2PRFIN20090317_205717_000000512077_00215_36842_9951.N1	17-MAR-2009 20:57:17	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36842	No
252	GOM_NL__2PRFIN20090317_205912_000000452077_00215_36842_9952.N1	17-MAR-2009 20:59:12	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36842	No
253	GOM_NL__2PRFIN20090317_210041_000000492077_00215_36842_9953.N1	17-MAR-2009 21:00:41	Dark	49.000	81	Eta Cen	2.3560	28000.	98	36842	No
254	GOM_NL__2PRFIN20090317_210347_000000642077_00215_36842_9954.N1	17-MAR-2009 21:03:47	Straylight	63.500	54	5The Cen	2.0550	4500.0	127	36842	No
255	GOM_NL__2PRFIN20090317_210531_000000512077_00215_36842_9955.N1	17-MAR-2009 21:05:31	Straylight	51.000	123	lot Cen	2.7500	10200.	102	36842	No
256	GOM_NL__2PRFIN20090317_211111_000000532077_00215_36842_9956.N1	17-MAR-2009 21:11:11	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	36842	No
257	GOM_NL__2PRFIN20090317_211327_000000492077_00215_36842_9957.N1	17-MAR-2009 21:13:27	Tw_i_and_stray	49.000	100	4Gam Crv	2.5800	13100.	98	36842	No
258	GOM_NL__2PRFIN20090317_212425_000000452077_00215_36842_9958.N1	17-MAR-2009 21:24:25	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36842	No
259	GOM_NL__2PRFIN20090317_213613_000000412077_00215_36842_9959.N1	17-MAR-2009 21:36:13	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	36842	No
260	GOM_NL__2PRFIN20090317_213847_000000442077_00215_36842_9960.N1	17-MAR-2009 21:38:47	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	36842	No
261	GOM_NL__2PRFIN20090317_214821_000000442077_00215_36842_9961.N1	17-MAR-2009 21:48:21	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	36842	No
262	GOM_NL__2PRFIN20090317_215323_000000522077_00215_36842_9962.N1	17-MAR-2009 21:53:23	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36842	No
263	GOM_NL__2PRFIN20090317_215753_000000412077_00215_36842_9963.N1	17-MAR-2009 21:57:53	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	36842	No
264	GOM_NL__2PRFIN20090317_215957_000000562077_00215_36842_9964.N1	17-MAR-2009 21:59:57	Bright	55.500	5	3Alp Lyr	0.033000	11000.	111	36842	No
265	GOM_NL__2PRFIN20090317_220910_000000512077_00215_36842_9965.N1	17-MAR-2009 22:09:10	Tw_i_and_stray	50.500	118	50Gam Aql	2.7180	4600.0	101	36842	No
266	GOM_NL__2PRFIN20090317_221956_000000482077_00215_36842_9966.N1	17-MAR-2009 22:19:56	Dark	48.000	155	41Pi Sgr	2.9000	6600.0	96	36842	No
267	GOM_NL__2PRFIN20090317_222200_000000512077_00215_36842_9967.N1	17-MAR-2009 22:22:00	Dark	51.000	57	34Sig Sgr	2.0660	26000.	102	36842	No
268	GOM_NL__2PRFIN20090317_222329_000000512077_00215_36842_9968.N1	17-MAR-2009 22:23:29	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	36842	No
269	GOM_NL__2PRFIN20090317_222530_000000452077_00215_36842_9969.N1	17-MAR-2009 22:25:30	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	36842	No
270	GOM_NL__2PRFIN20090317_222914_000000512077_00216_36843_9968.N1	17-MAR-2009 22:29:14	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36843	No
271	GOM_NL__2PRFIN20090317_223754_000000542077_00216_36843_9969.N1	17-MAR-2009 22:37:54	Dark	53.500	131	Gam Lup	2.8000	26000.	107	36843	No
272	GOM_NL__2PRFIN20090317_223949_000000482077_00216_36843_9970.N1	17-MAR-2009 22:39:49	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36843	No
273	GOM_NL__2PRFIN20090317_224118_000000552077_00216_36843_9971.N1	17-MAR-2009 22:41:18	Straylight	55.000	81	Eta Cen	2.3560	28000.	110	36843	No
274	GOM_NL__2PRFIN20090317_224423_000000582077_00216_36843_9972.N1	17-MAR-2009 22:44:23	Straylight	57.500	54	5The Cen	2.0550	4500.0	115	36843	No
275	GOM_NL__2PRFIN20090317_224608_000000512077_00216_36843_9973.N1	17-MAR-2009 22:46:08	Straylight	50.500	123	lot Cen	2.7500	10200.	101	36843	No
276	GOM_NL__2PRFIN20090317_225147_000000542077_00216_36843_9974.N1	17-MAR-2009 22:51:47	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	36843	No
277	GOM_NL__2PRFIN20090317_225403_000000482077_00216_36843_9975.N1	17-MAR-2009 22:54:03	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	36843	No
278	GOM_NL__2PRFIN20090317_230500_000000462077_00216_36843_9976.N1	17-MAR-2009 23:05:00	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36843	No

279	GOM_NL__2PRFIN20090317_231649_000000602077_00216_36843_9977.N1	17-MAR-2009 23:16:49	Bright	60.000	87	64Gam UMa	2.4330	11000.	120	36843	No
280	GOM_NL__2PRFIN20090317_231922_000000462077_00216_36843_9978.N1	17-MAR-2009 23:19:22	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36843	No
281	GOM_NL__2PRFIN20090317_232857_000000472077_00216_36843_9979.N1	17-MAR-2009 23:28:57	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36843	No
282	GOM_NL__2PRFIN20090317_233358_000000522077_00216_36843_9980.N1	17-MAR-2009 23:33:58	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36843	No
283	GOM_NL__2PRFIN20090317_233829_000000392077_00216_36843_9981.N1	17-MAR-2009 23:38:29	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	36843	No
284	GOM_NL__2PRFIN20090317_234033_000000602077_00216_36843_9982.N1	17-MAR-2009 23:40:33	Bright	59.500	5	3Alp Lyr	0.033000	11000.	119	36843	No
285	GOM_NL__2PRFIN20090317_234946_000000532077_00216_36843_9983.N1	17-MAR-2009 23:49:46	Tw_i_and_stray	52.500	118	50Gam Aql	2.7180	4600.0	105	36843	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.

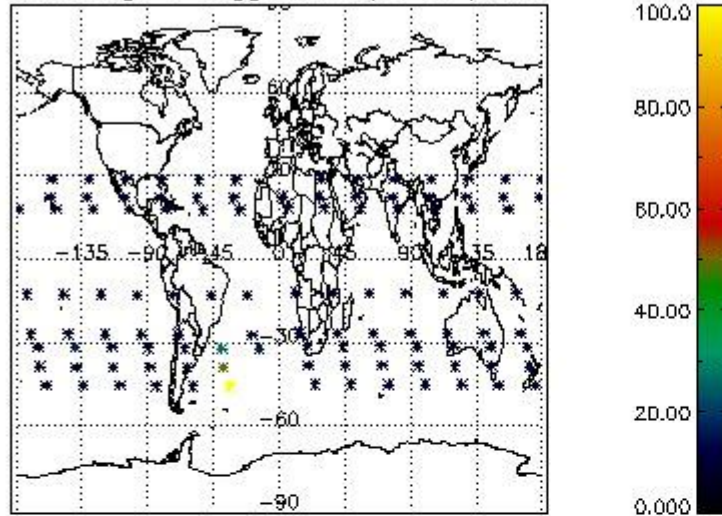
#### 3.1 Plot quality information per product (time dependant)



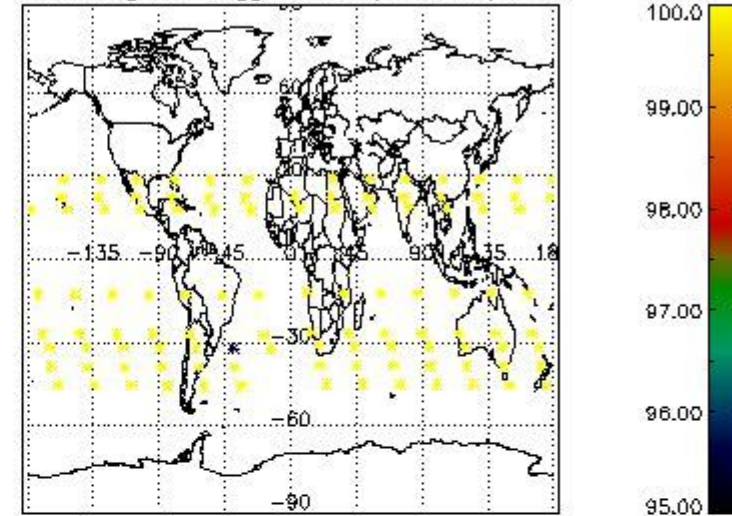
#### 3.2 Plot quality information per product (world map)



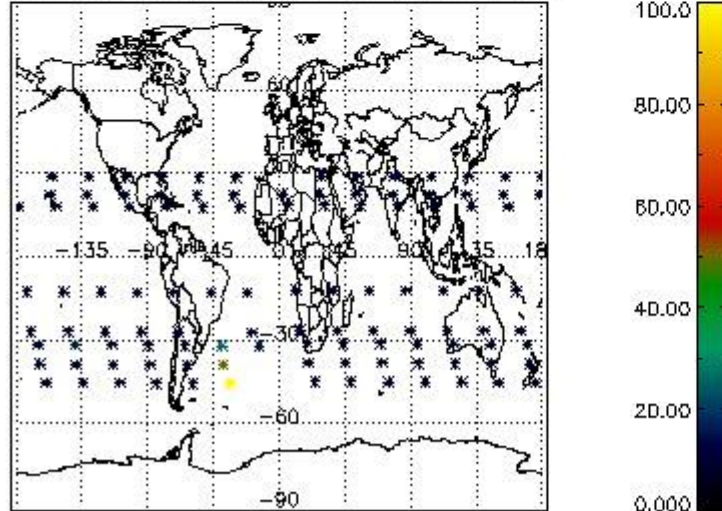
Percentage of flagged data per O3 profile



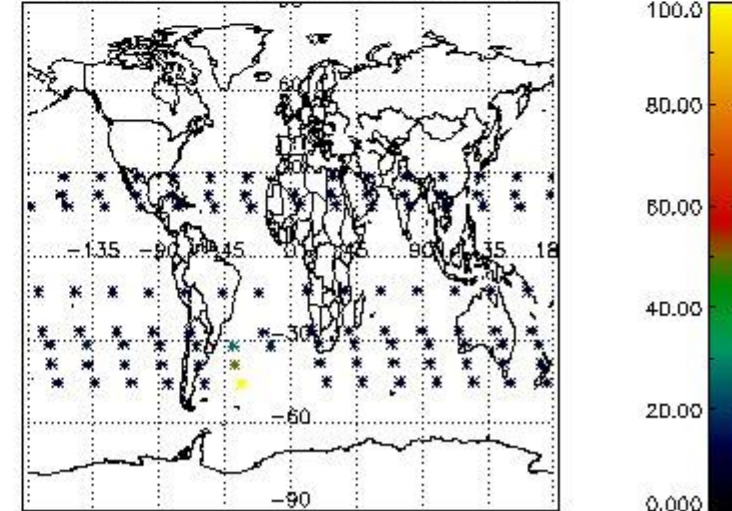
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



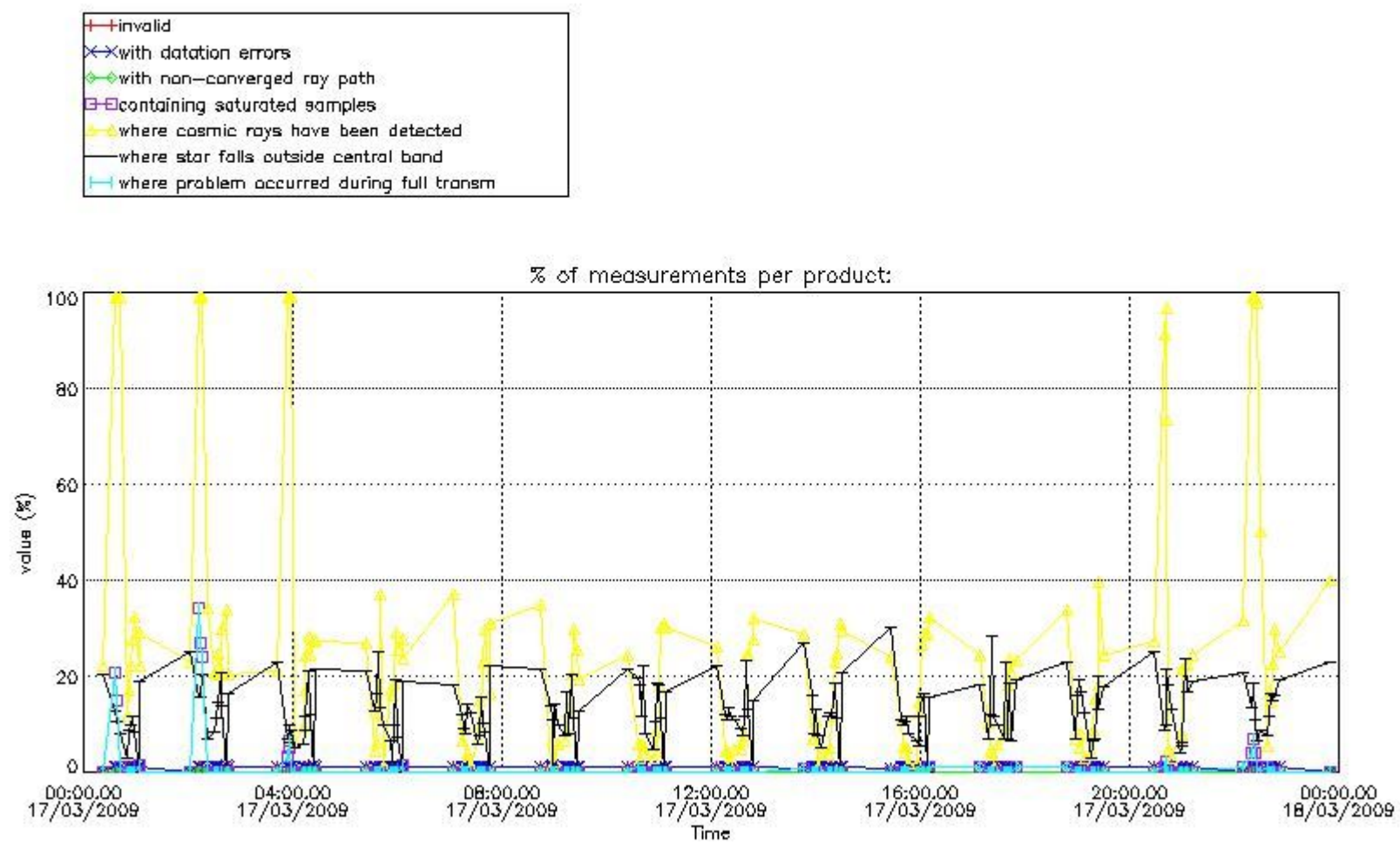
#### 4. Level 1 quality information per product

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.

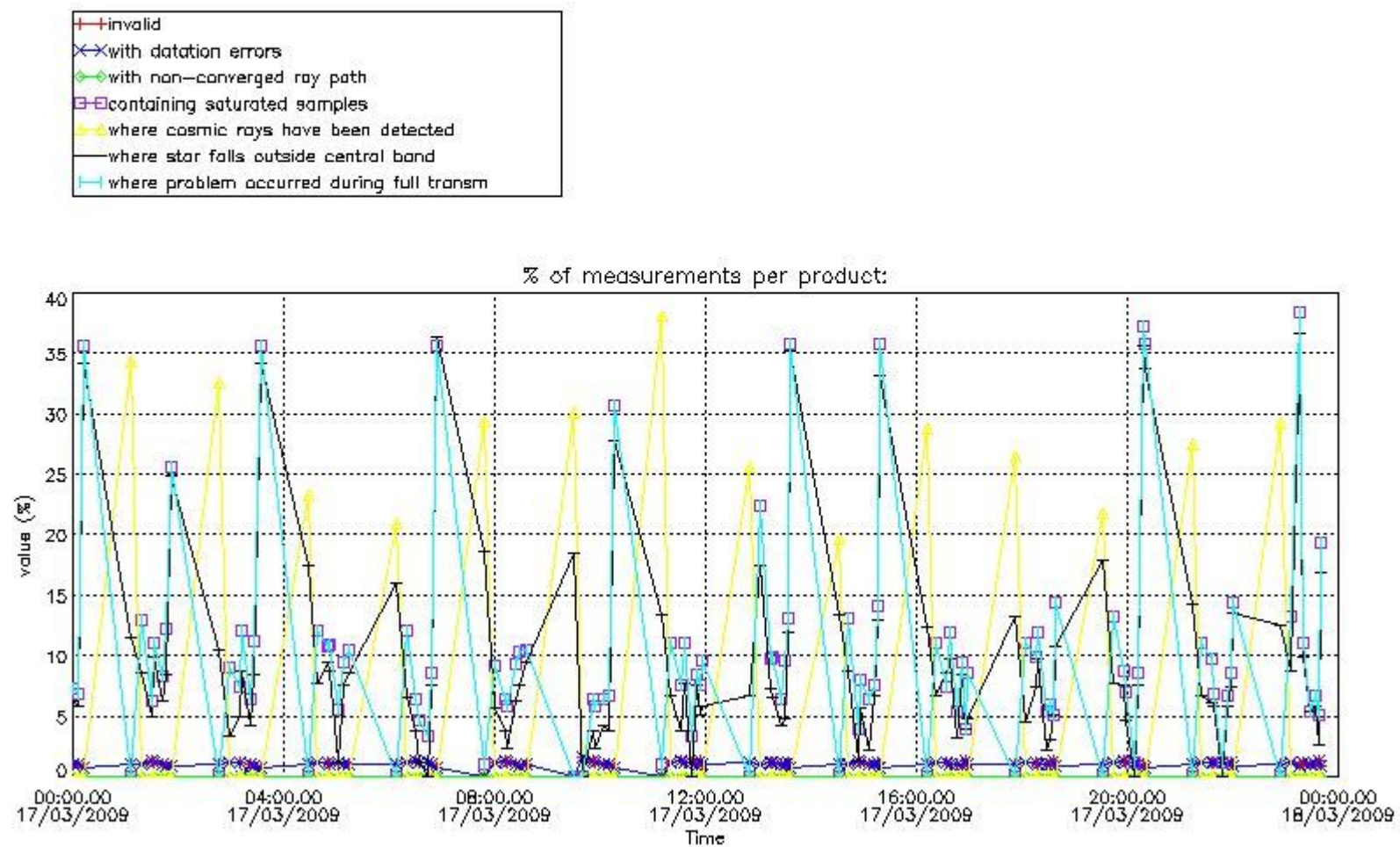
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



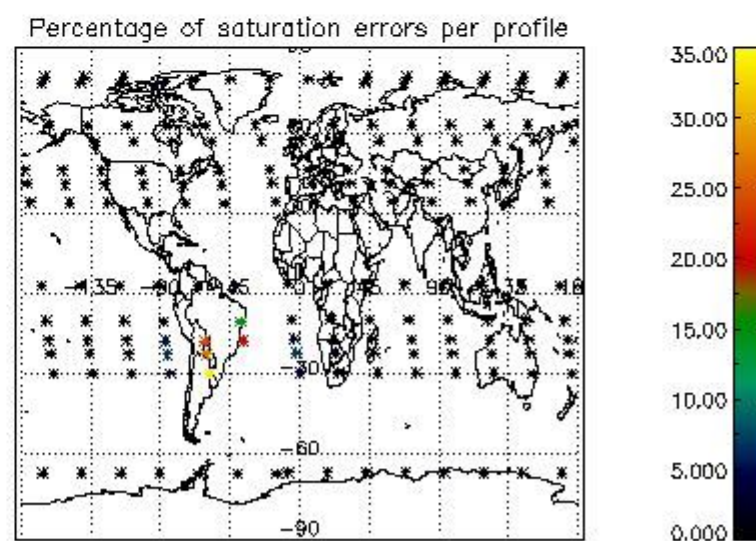
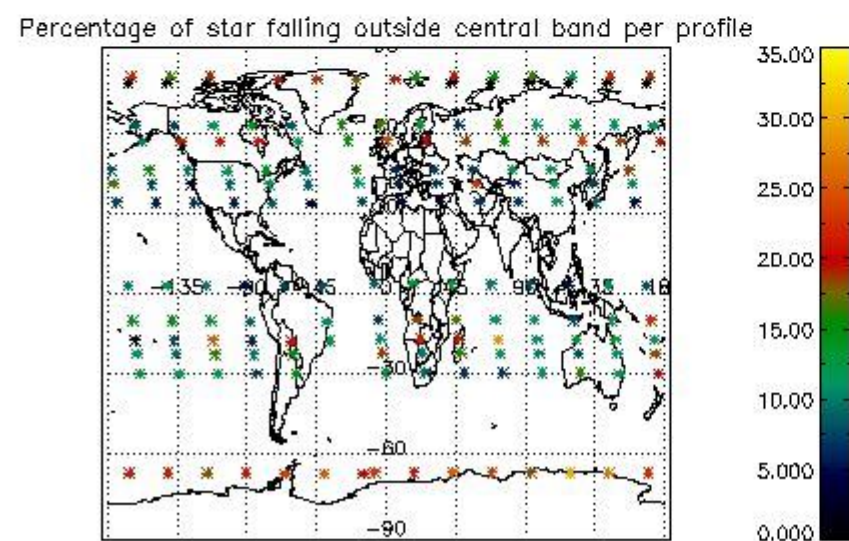
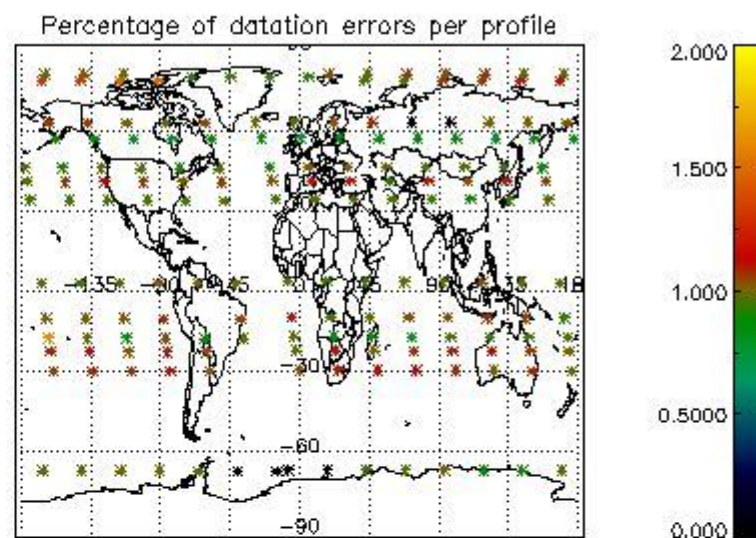
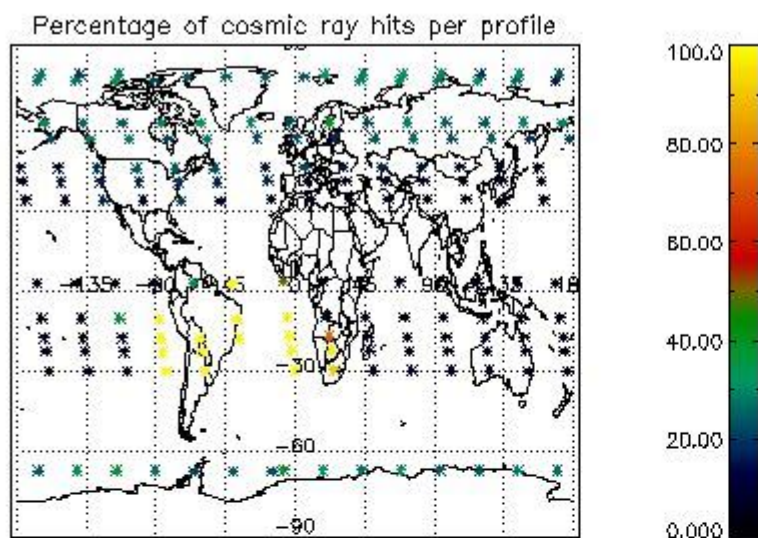


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



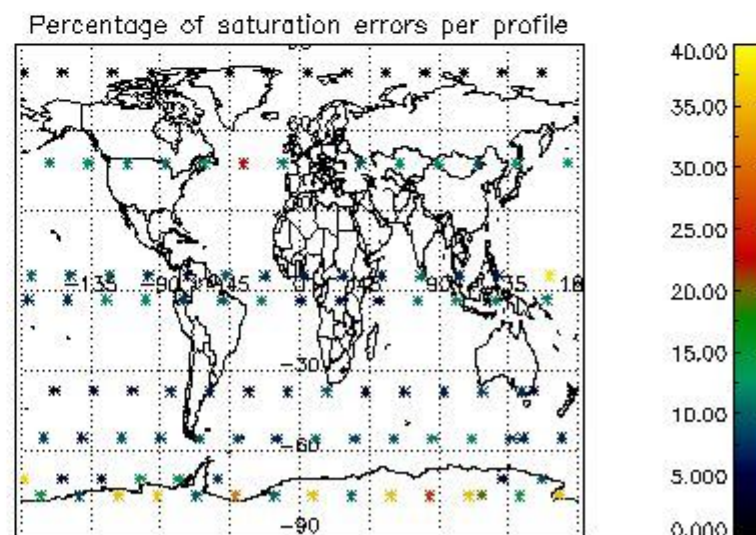
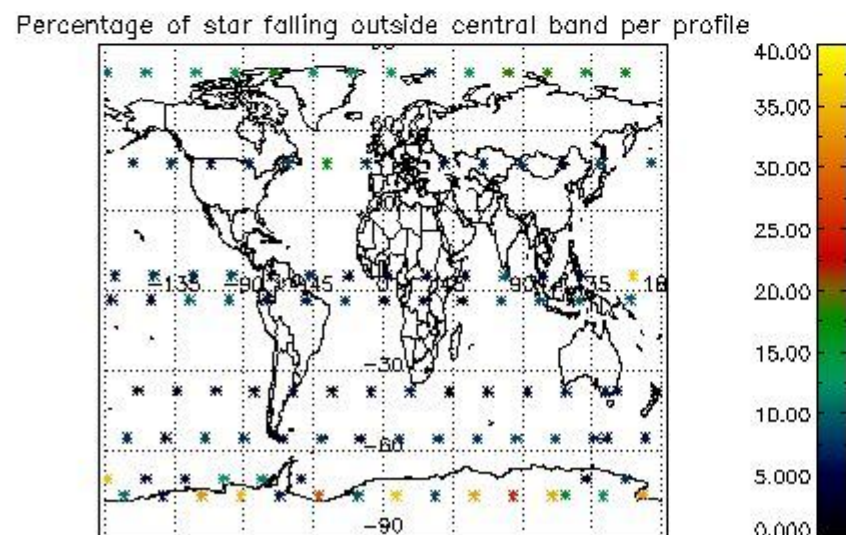
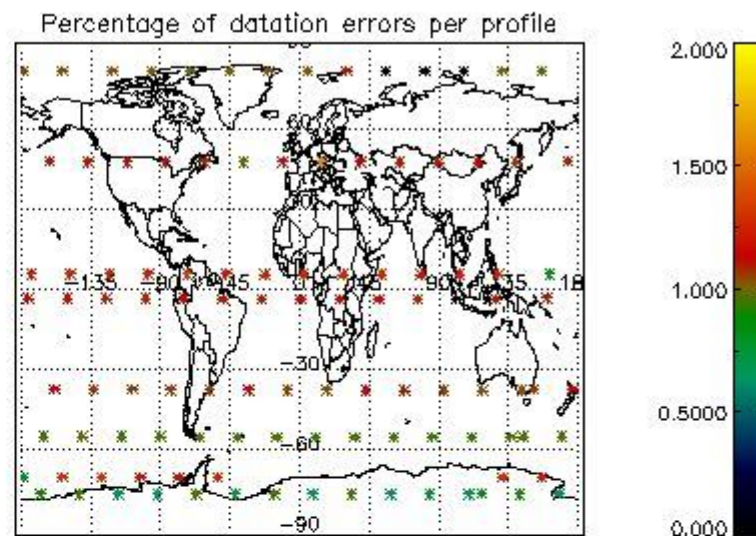
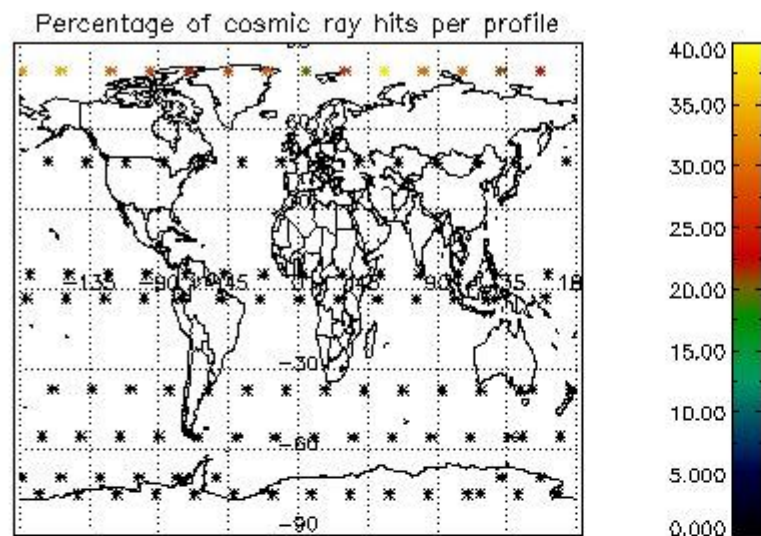
4.2 Plot quality information per product coming from level 1b processing (world map)

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

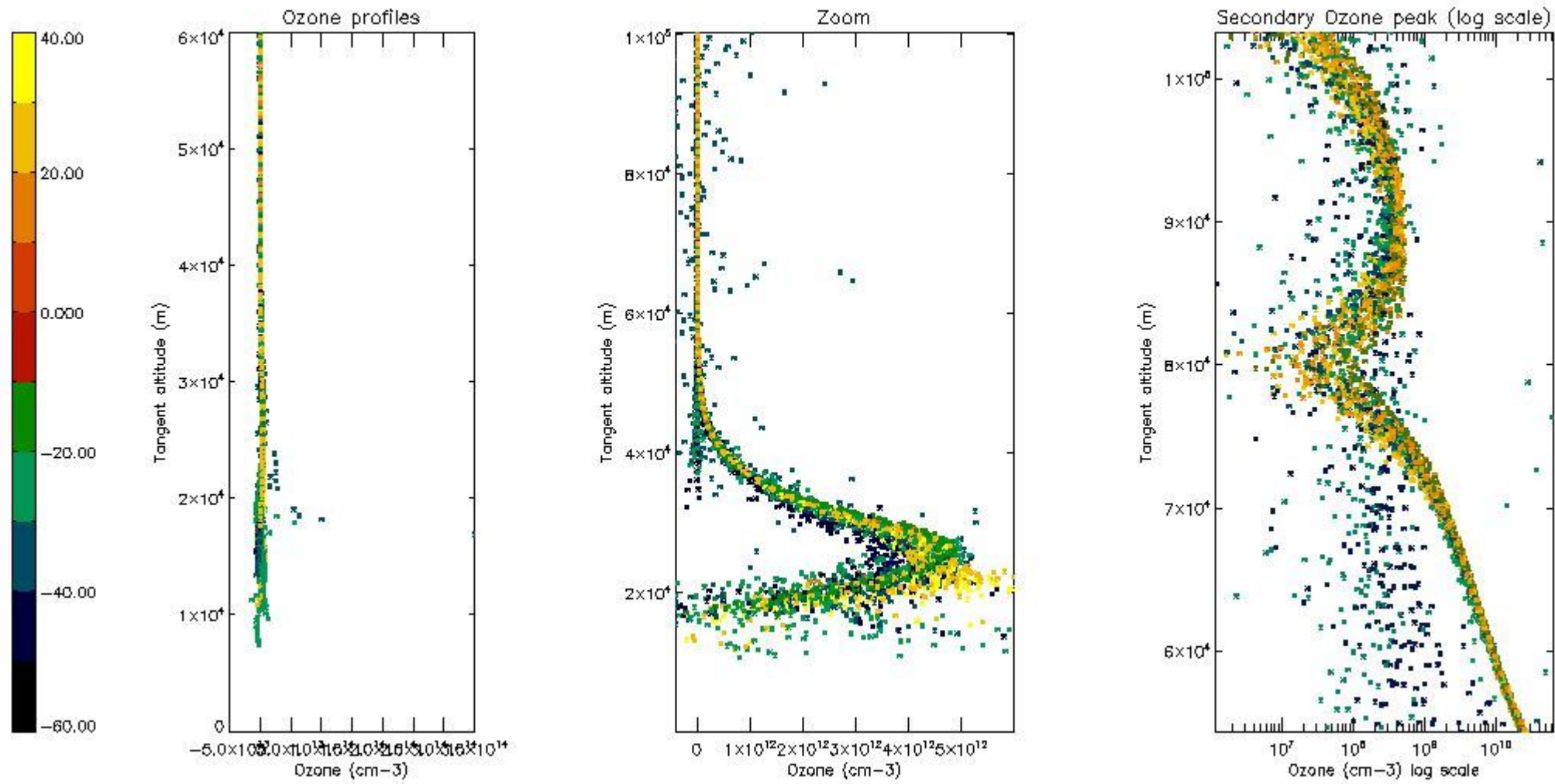
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	22

STD < 10	18
STD < 5	14

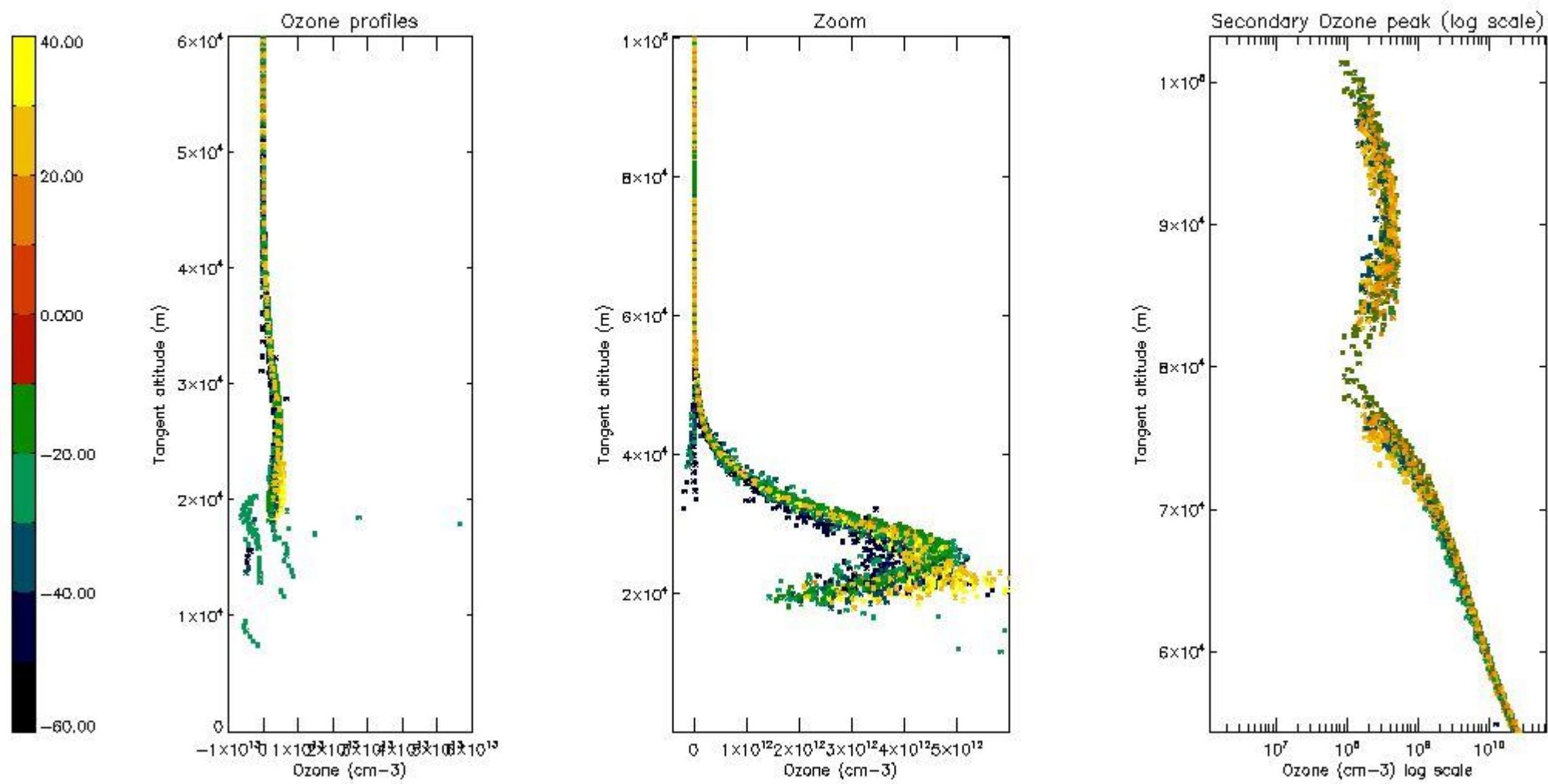
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

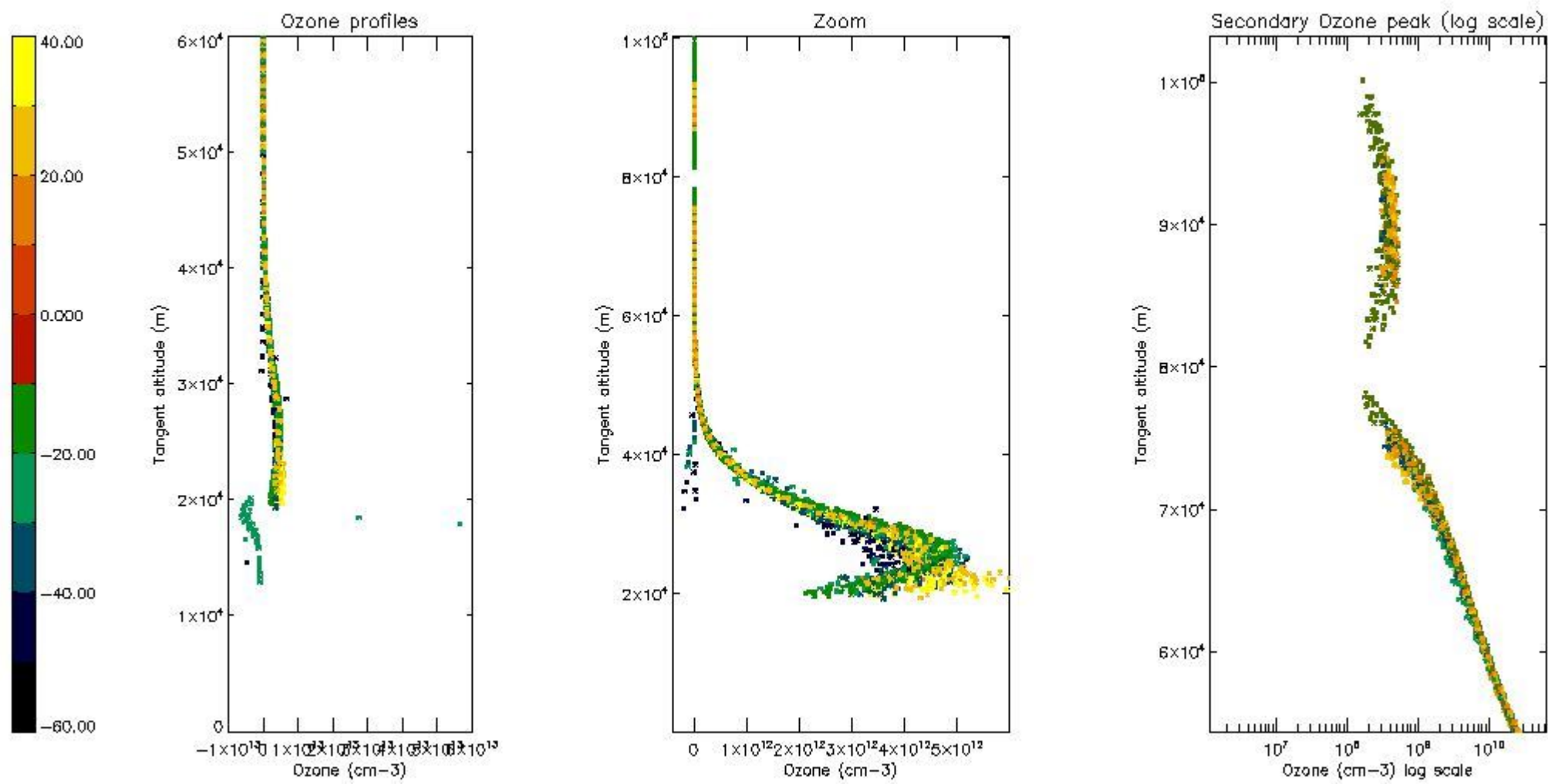
The colorbar represents the latitude.



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

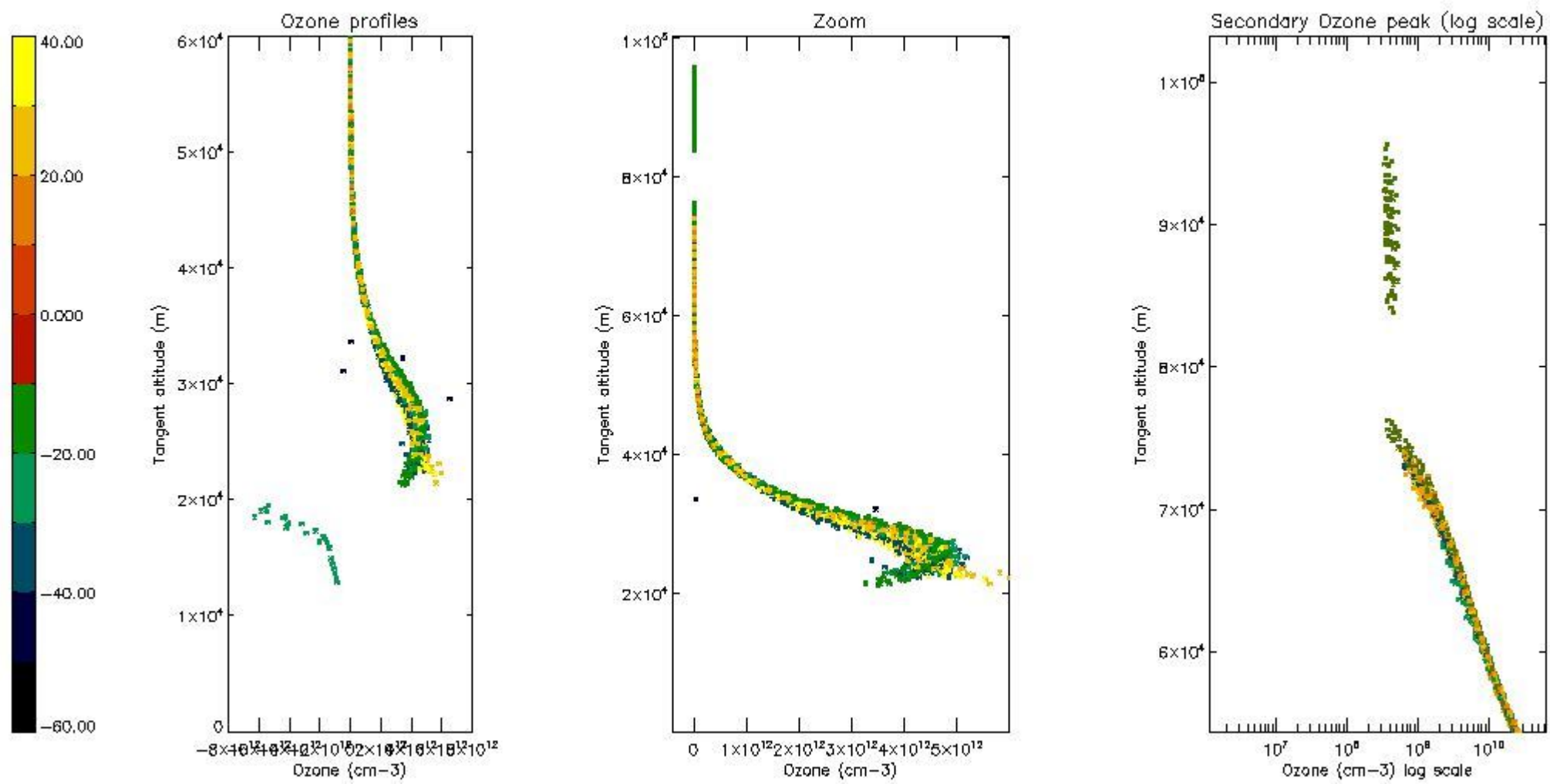
The colorbar represents the latitude.





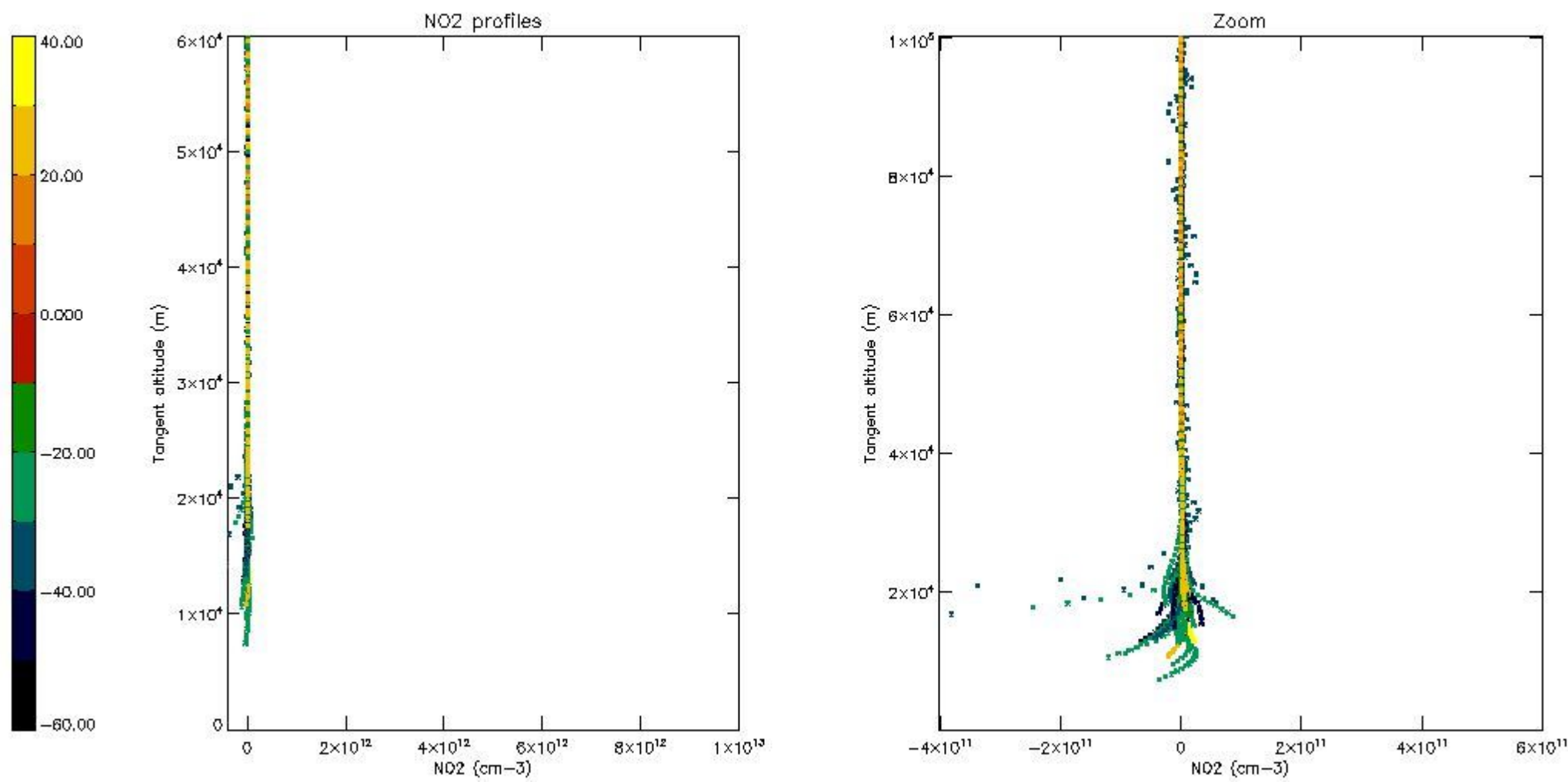
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

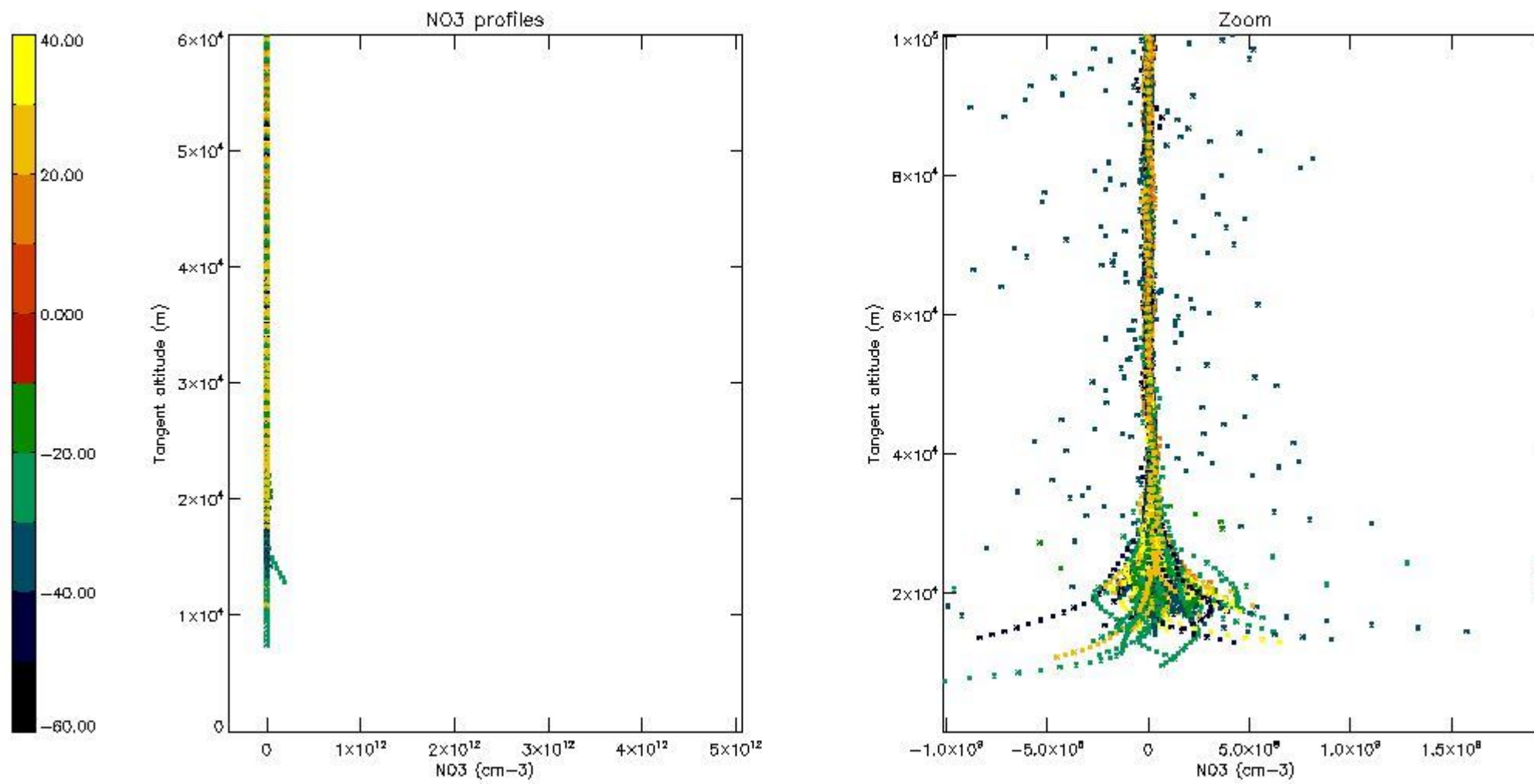
The colorbar represents the latitude.



*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	17-MAR-2009 00:00:42
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAR-2009 00:00:42
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAR-2009 00:00:42

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [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](#)

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 18:03:00
Data source version	GOMOS/6.01
Start time of products	17-03-2009 (17MAR2009 00:00:00)
Stop time of products	18-03-2009 (18MAR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	285
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__2PRFIN20090317_000042_000000482077_00202_36829_9699.N1	17-MAR-2009 00:00:42	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	36829	No
2	GOM_NL__2PRFIN20090317_000542_000000522077_00202_36829_9700.N1	17-MAR-2009 00:05:42	Bright	51.500	130	23Bet Dra	2.7990	5800.0	103	36829	No
3	GOM_NL__2PRFIN20090317_001211_000000732077_00202_36829_9701.N1	17-MAR-2009 00:12:11	Bright	73.000	5	3Alp Lyr	0.033000	11000.	146	36829	No
4	GOM_NL__2PRFIN20090317_002117_000000502077_00202_36829_9702.N1	17-MAR-2009 00:21:17	Twilight	49.500	118	50Gam Aql	2.7180	4600.0	99	36829	No
5	GOM_NL__2PRFIN20090317_003527_000000512077_00202_36829_9703.N1	17-MAR-2009 00:35:27	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	36829	No
6	GOM_NL__2PRFIN20090317_003730_000000482077_00202_36829_9704.N1	17-MAR-2009 00:37:30	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	36829	No
7	GOM_NL__2PRFIN20090317_004111_000000502077_00203_36830_9708.N1	17-MAR-2009 00:41:11	Dark	50.000	25	35Lam Sco	1.6200	28000.	100	36830	No
8	GOM_NL__2PRFIN20090317_004953_000000512077_00203_36830_9709.N1	17-MAR-2009 00:49:53	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36830	No
9	GOM_NL__2PRFIN20090317_005152_000000472077_00203_36830_9710.N1	17-MAR-2009 00:51:52	Dark	46.500	78	Alp Lup	2.3040	28000.	93	36830	No
10	GOM_NL__2PRFIN20090317_005319_000000522077_00203_36830_9711.N1	17-MAR-2009 00:53:19	Dark	51.500	81	Eta Cen	2.3560	28000.	103	36830	No
11	GOM_NL__2PRFIN20090317_005626_000000562077_00203_36830_9712.N1	17-MAR-2009 00:56:26	Straylight	56.000	54	5The Cen	2.0550	4500.0	112	36830	No
12	GOM_NL__2PRFIN20090317_005813_000000482077_00203_36830_9713.N1	17-MAR-2009 00:58:13	Straylight	48.000	123	lot Cen	2.7500	10200.	96	36830	No
13	GOM_NL__2PRFIN20090317_010312_000000342077_00203_36830_9714.N1	17-MAR-2009 01:03:12	Straylight	34.000	169	46Gam Hya	2.9910	4700.0	68	36830	No
14	GOM_NL__2PRFIN20090317_010434_000000502077_00203_36830_9715.N1	17-MAR-2009 01:04:34	Straylight	50.000	171	2Eps Crv	3.0010	4250.0	100	36830	No
15	GOM_NL__2PRFIN20090317_010615_000000482077_00203_36830_9716.N1	17-MAR-2009 01:06:15	Twilight	48.000	100	4Gam Crv	2.5800	13100.	96	36830	No
16	GOM_NL__2PRFIN20090317_011718_000000472077_00203_36830_9717.N1	17-MAR-2009 01:17:18	Bright	46.500	62	94Bet Leo	2.1360	9700.0	93	36830	No
17	GOM_NL__2PRFIN20090317_012907_000000402077_00203_36830_9718.N1	17-MAR-2009 01:29:07	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	36830	No
18	GOM_NL__2PRFIN20090317_013143_000000462077_00203_36830_9719.N1	17-MAR-2009 01:31:43	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36830	No
19	GOM_NL__2PRFIN20090317_014117_000000482077_00203_36830_9720.N1	17-MAR-2009 01:41:17	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	36830	No
20	GOM_NL__2PRFIN20090317_014618_000000542077_00203_36830_9721.N1	17-MAR-2009 01:46:18	Bright	53.500	130	23Bet Dra	2.7990	5800.0	107	36830	No
21	GOM_NL__2PRFIN20090317_015247_000000632077_00203_36830_9722.N1	17-MAR-2009 01:52:47	Bright	62.500	5	3Alp Lyr	0.033000	11000.	125	36830	No
22	GOM_NL__2PRFIN20090317_020153_000000522077_00203_36830_9723.N1	17-MAR-2009 02:01:53	Twilight	52.000	118	50Gam Aql	2.7180	4600.0	104	36830	No
23	GOM_NL__2PRFIN20090317_021235_000000492077_00203_36830_9724.N1	17-MAR-2009 02:12:35	Dark	48.500	155	41Pi Sgr	2.9000	6600.0	97	36830	No
24	GOM_NL__2PRFIN20090317_021438_000000492077_00203_36830_9725.N1	17-MAR-2009 02:14:38	Dark	48.500	57	34Sig Sgr	2.0660	26000.	97	36830	No
25	GOM_NL__2PRFIN20090317_021604_000000562077_00203_36830_9726.N1	17-MAR-2009 02:16:04	Dark	56.000	137	22Lam Sgr	2.8240	4400.0	112	36830	No
26	GOM_NL__2PRFIN20090317_022149_000000502077_00204_36831_9724.N1	17-MAR-2009 02:21:49	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	36831	No
27	GOM_NL__2PRFIN20090317_023030_000000532077_00204_36831_9725.N1	17-MAR-2009 02:30:30	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36831	No
28	GOM_NL__2PRFIN20090317_023228_000000492077_00204_36831_9726.N1	17-MAR-2009 02:32:28	Dark	49.000	78	Alp Lup	2.3040	28000.	98	36831	No
29	GOM_NL__2PRFIN20090317_023356_000000552077_00204_36831_9727.N1	17-MAR-2009 02:33:56	Dark	54.500	81	Eta Cen	2.3560	28000.	109	36831	No
30	GOM_NL__2PRFIN20090317_023703_000000632077_00204_36831_9728.N1	17-MAR-2009 02:37:03	Straylight	62.500	54	5The Cen	2.0550	4500.0	125	36831	No
31	GOM_NL__2PRFIN20090317_023849_000000512077_00204_36831_9729.N1	17-MAR-2009 02:38:49	Straylight	50.500	123	lot Cen	2.7500	10200.	101	36831	No
32	GOM_NL__2PRFIN20090317_024348_000000342077_00204_36831_9730.N1	17-MAR-2009 02:43:48	Straylight	34.000	169	46Gam Hya	2.9910	4700.0	68	36831	No
33	GOM_NL__2PRFIN20090317_024510_000000492077_00204_36831_9731.N1	17-MAR-2009 02:45:10	Straylight	49.000	171	2Eps Crv	3.0010	4250.0	98	36831	No
34	GOM_NL__2PRFIN20090317_024651_000000482077_00204_36831_9732.N1	17-MAR-2009 02:46:51	Twilight	47.500	100	4Gam Crv	2.5800	13100.	95	36831	No
35	GOM_NL__2PRFIN20090317_025754_000000452077_00204_36831_9733.N1	17-MAR-2009 02:57:54	Bright	44.500	62	94Bet Leo	2.1360	9700.0	89	36831	No
36	GOM_NL__2PRFIN20090317_030943_000000412077_00204_36831_9734.N1	17-MAR-2009 03:09:43	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	36831	No
37	GOM_NL__2PRFIN20090317_031218_000000462077_00204_36831_9735.N1	17-MAR-2009 03:12:18	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36831	No
38	GOM_NL__2PRFIN20090317_032153_000000472077_00204_36831_9736.N1	17-MAR-2009 03:21:53	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36831	No
39	GOM_NL__2PRFIN20090317_032653_000000542077_00204_36831_9737.N1	17-MAR-2009 03:26:53	Bright	53.500	130	23Bet Dra	2.7990	5800.0	107	36831	No
40	GOM_NL__2PRFIN20090317_033323_000000732077_00204_36831_9738.N1	17-MAR-2009 03:33:23	Bright	73.000	5	3Alp Lyr	0.033000	11000.	146	36831	No
41	GOM_NL__2PRFIN20090317_034230_000000522077_00204_36831_9739.N1	17-MAR-2009 03:42:30	Twilight	52.000	118	50Gam Aql	2.7180	4600.0	104	36831	No
42	GOM_NL__2PRFIN20090317_035312_000000442077_00204_36831_9740.N1	17-MAR-2009 03:53:12	Dark	43.500	155	41Pi Sgr	2.9000	6600.0	87	36831	No



43	GOM_NL__2PRFIN20090317_035515_000000462077_00204_36831_9741.N1	17-MAR-2009 03:55:15	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	36831	No
44	GOM_NL__2PRFIN20090317_035641_000000482077_00204_36831_9742.N1	17-MAR-2009 03:56:41	Dark	48.000	137	22Lam Sgr	2.8240	4400.0	96	36831	No
45	GOM_NL__2PRFIN20090317_035844_000000462077_00204_36831_9743.N1	17-MAR-2009 03:58:44	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	36831	No
46	GOM_NL__2PRFIN20090317_040226_000000492077_00205_36832_9738.N1	17-MAR-2009 04:02:26	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	36832	No
47	GOM_NL__2PRFIN20090317_041107_000000522077_00205_36832_9739.N1	17-MAR-2009 04:11:07	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36832	No
48	GOM_NL__2PRFIN20090317_041305_000000472077_00205_36832_9740.N1	17-MAR-2009 04:13:05	Dark	46.500	78	Alp Lup	2.3040	28000.	93	36832	No
49	GOM_NL__2PRFIN20090317_041433_000000522077_00205_36832_9741.N1	17-MAR-2009 04:14:33	Dark	51.500	81	Eta Cen	2.3560	28000.	103	36832	No
50	GOM_NL__2PRFIN20090317_041739_000000622077_00205_36832_9742.N1	17-MAR-2009 04:17:39	Straylight	62.000	54	5The Cen	2.0550	4500.0	124	36832	No
51	GOM_NL__2PRFIN20090317_041926_000000502077_00205_36832_9743.N1	17-MAR-2009 04:19:26	Straylight	49.500	123	lot Cen	2.7500	10200.	99	36832	No
52	GOM_NL__2PRFIN20090317_042425_000000382077_00205_36832_9744.N1	17-MAR-2009 04:24:25	Straylight	38.000	169	46Gam Hya	2.9910	4700.0	76	36832	No
53	GOM_NL__2PRFIN20090317_042547_000000512077_00205_36832_9745.N1	17-MAR-2009 04:25:47	Straylight	51.000	171	2Eps Crv	3.0010	4250.0	102	36832	No
54	GOM_NL__2PRFIN20090317_042727_000000522077_00205_36832_9746.N1	17-MAR-2009 04:27:27	Tw_i_and_stray	51.500	100	4Gam Crv	2.5800	13100.	103	36832	No
55	GOM_NL__2PRFIN20090317_043829_000000462077_00205_36832_9747.N1	17-MAR-2009 04:38:29	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36832	No
56	GOM_NL__2PRFIN20090317_045018_000000422077_00205_36832_9748.N1	17-MAR-2009 04:50:18	Bright	42.000	87	64Gam UMa	2.4330	11000.	84	36832	No
57	GOM_NL__2PRFIN20090317_045254_000000462077_00205_36832_9749.N1	17-MAR-2009 04:52:54	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	36832	No
58	GOM_NL__2PRFIN20090317_050228_000000462077_00205_36832_9750.N1	17-MAR-2009 05:02:28	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	36832	No
59	GOM_NL__2PRFIN20090317_050729_000000532077_00205_36832_9751.N1	17-MAR-2009 05:07:29	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36832	No
60	GOM_NL__2PRFIN20090317_051359_000000532077_00205_36832_9752.N1	17-MAR-2009 05:13:59	Bright	52.500	5	3Alp Lyr	0.033000	11000.	105	36832	No
61	GOM_NL__2PRFIN20090317_052306_000000502077_00205_36832_9753.N1	17-MAR-2009 05:23:06	Tw_i_and_stray	50.000	118	50Gam Aql	2.7180	4600.0	100	36832	No
62	GOM_NL__2PRFIN20090317_053348_000000472077_00205_36832_9754.N1	17-MAR-2009 05:33:48	Dark	46.500	155	41Pi Sgr	2.9000	6600.0	93	36832	No
63	GOM_NL__2PRFIN20090317_053552_000000492077_00205_36832_9755.N1	17-MAR-2009 05:35:52	Dark	49.000	57	34Sig Sgr	2.0660	26000.	98	36832	No
64	GOM_NL__2PRFIN20090317_053718_000000602077_00205_36832_9756.N1	17-MAR-2009 05:37:18	Dark	60.000	137	22Lam Sgr	2.8240	4400.0	120	36832	No
65	GOM_NL__2PRFIN20090317_053921_000000492077_00205_36832_9757.N1	17-MAR-2009 05:39:21	Dark	48.500	38	20Eps Sgr	1.8360	11000.	97	36832	No
66	GOM_NL__2PRFIN20090317_054302_000000522077_00206_36833_9752.N1	17-MAR-2009 05:43:02	Dark	51.500	25	35Lam Sco	1.6200	28000.	103	36833	No
67	GOM_NL__2PRFIN20090317_055145_000000532077_00206_36833_9753.N1	17-MAR-2009 05:51:45	Dark	52.500	131	Gam Lup	2.8000	26000.	105	36833	No
68	GOM_NL__2PRFIN20090317_055342_000000442077_00206_36833_9754.N1	17-MAR-2009 05:53:42	Dark	44.000	78	Alp Lup	2.3040	28000.	88	36833	No
69	GOM_NL__2PRFIN20090317_055510_000000512077_00206_36833_9755.N1	17-MAR-2009 05:55:10	Dark	51.000	81	Eta Cen	2.3560	28000.	102	36833	No
70	GOM_NL__2PRFIN20090317_055816_000000602077_00206_36833_9756.N1	17-MAR-2009 05:58:16	Straylight	60.000	54	5The Cen	2.0550	4500.0	120	36833	No
71	GOM_NL__2PRFIN20090317_060003_000000472077_00206_36833_9757.N1	17-MAR-2009 06:00:03	Straylight	47.000	123	lot Cen	2.7500	10200.	94	36833	No
72	GOM_NL__2PRFIN20090317_060501_000000382077_00206_36833_9758.N1	17-MAR-2009 06:05:01	Straylight	38.000	169	46Gam Hya	2.9910	4700.0	76	36833	No
73	GOM_NL__2PRFIN20090317_060623_000000512077_00206_36833_9759.N1	17-MAR-2009 06:06:23	Straylight	50.500	171	2Eps Crv	3.0010	4250.0	101	36833	No
74	GOM_NL__2PRFIN20090317_060803_000000502077_00206_36833_9760.N1	17-MAR-2009 06:08:03	Tw_i_and_stray	50.000	100	4Gam Crv	2.5800	13100.	100	36833	No
75	GOM_NL__2PRFIN20090317_061905_000000462077_00206_36833_9761.N1	17-MAR-2009 06:19:05	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36833	No
76	GOM_NL__2PRFIN20090317_063054_000000402077_00206_36833_9762.N1	17-MAR-2009 06:30:54	Bright	39.500	87	64Gam UMa	2.4330	11000.	79	36833	No
77	GOM_NL__2PRFIN20090317_063329_000000432077_00206_36833_9763.N1	17-MAR-2009 06:33:29	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36833	No
78	GOM_NL__2PRFIN20090317_064304_000000452077_00206_36833_9764.N1	17-MAR-2009 06:43:04	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	36833	No
79	GOM_NL__2PRFIN20090317_064804_000000532077_00206_36833_9765.N1	17-MAR-2009 06:48:04	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36833	No
80	GOM_NL__2PRFIN20090317_065435_000000732077_00206_36833_9766.N1	17-MAR-2009 06:54:35	Bright	73.000	5	3Alp Lyr	0.033000	11000.	146	36833	No
81	GOM_NL__2PRFIN20090317_070342_000000502077_00206_36833_9767.N1	17-MAR-2009 07:03:42	Tw_i_and_stray	50.000	118	50Gam Aql	2.7180	4600.0	100	36833	No
82	GOM_NL__2PRFIN20090317_071425_000000462077_00206_36833_9768.N1	17-MAR-2009 07:14:25	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	36833	No
83	GOM_NL__2PRFIN20090317_071628_000000452077_00206_36833_9769.N1	17-MAR-2009 07:16:28	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	36833	No
84	GOM_NL__2PRFIN20090317_071755_000000502077_00206_36833_9770.N1	17-MAR-2009 07:17:55	Dark	50.000	137	22Lam Sgr	2.8240	4400.0	100	36833	No
85	GOM_NL__2PRFIN20090317_071958_000000492077_00206_36833_9771.N1	17-MAR-2009 07:19:58	Dark	49.000	38	20Eps Sgr	1.8360	11000.	98	36833	No
86	GOM_NL__2PRFIN20090317_072341_000000532077_00207_36834_9766.N1	17-MAR-2009 07:23:41	Dark	52.500	25	35Lam Sco	1.6200	28000.	105	36834	No
87	GOM_NL__2PRFIN20090317_073221_000000522077_00207_36834_9767.N1	17-MAR-2009 07:32:21	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36834	No
88	GOM_NL__2PRFIN20090317_073418_000000472077_00207_36834_9768.N1	17-MAR-2009 07:34:18	Dark	46.500	78	Alp Lup	2.3040	28000.	93	36834	No
89	GOM_NL__2PRFIN20090317_073547_000000552077_00207_36834_9769.N1	17-MAR-2009 07:35:47	Dark	54.500	81	Eta Cen	2.3560	28000.	109	36834	No
90	GOM_NL__2PRFIN20090317_073853_000000552077_00207_36834_9770.N1	17-MAR-2009 07:38:53	Straylight	55.000	54	5The Cen	2.0550	4500.0	110	36834	No
91	GOM_NL__2PRFIN20090317_074039_000000472077_00207_36834_9771.N1	17-MAR-2009 07:40:39	Straylight	47.000	123	lot Cen	2.7500	10200.	94	36834	No
92	GOM_NL__2PRFIN20090317_074538_000000432077_00207_36834_9772.N1	17-MAR-2009 07:45:38	Straylight	43.000	169	46Gam Hya	2.9910	4700.0	86	36834	No
93	GOM_NL__2PRFIN20090317_074659_000000522077_00207_36834_9773.N1	17-MAR-2009 07:46:59	Straylight	52.000	171	2Eps Crv	3.0010	4250.0	104	36834	No
94	GOM_NL__2PRFIN20090317_074839_000000512077_00207_36834_9774.N1	17-MAR-2009 07:48:39	Tw_i_and_stray	51.000	100	4Gam Crv	2.5800	13100.	102	36834	No
95	GOM_NL__2PRFIN20090317_075941_000000442077_00207_36834_9775.N1	17-MAR-2009 07:59:41	Bright	44.000	62	94Bet Leo	2.1360	9700.0	88	36834	No
96	GOM_NL__2PRFIN20090317_081130_000000402077_00207_36834_9776.N1	17-MAR-2009 08:11:30	Bright	39.500	87	64Gam UMa	2.4330	11000.	79	36834	No
97	GOM_NL__2PRFIN20090317_081405_000000432077_00207_36834_9777.N1	17-MAR-2009 08:14:05	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36834	No
98	GOM_NL__2PRFIN20090317_082339_000000482077_00207_36834_9778.N1	17-MAR-2009 08:23:39	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	36834	No
99	GOM_NL__2PRFIN20090317_082840_000000532077_00207_36834_9779.N1	17-MAR-2009 08:28:40	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36834	No
100	GOM_NL__2PRFIN20090317_083510_000000532077_00207_36834_9780.N1	17-MAR-2009 08:35:10	Bright	52.500	5	3Alp Lyr	0.033000	11000.	105	36834	No
101	GOM_NL__2PRFIN20090317_084419_000000522077_00207_36834_9781.N1	17-MAR-2009 08:44:19	Tw_i_and_stray	51.500	118	50Gam Aql	2.7180	4600.0	103	36834	No

102	GOM_NL__2PRFIN20090317_085502_000000482077_00207_36834_9782.N1	17-MAR-2009 08:55:02	Dark	47.500	155	41Pi Sgr	2.9000	6600.0	95	36834	No
103	GOM_NL__2PRFIN20090317_085705_000000462077_00207_36834_9783.N1	17-MAR-2009 08:57:05	Dark	46.000	57	34Sig Sgr	2.0660	26000.	92	36834	No
104	GOM_NL__2PRFIN20090317_085832_000000312077_00207_36834_9784.N1	17-MAR-2009 08:58:32	Dark	31.000	137	22Lam Sgr	2.8240	4400.0	62	36834	No
105	GOM_NL__2PRFIN20090317_090035_000000502077_00207_36834_9785.N1	17-MAR-2009 09:00:35	Dark	49.500	38	20Eps Sgr	1.8360	11000.	99	36834	No
106	GOM_NL__2PRFIN20090317_090417_000000512077_00208_36835_9777.N1	17-MAR-2009 09:04:17	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36835	No
107	GOM_NL__2PRFIN20090317_091258_000000532077_00208_36835_9778.N1	17-MAR-2009 09:12:58	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36835	No
108	GOM_NL__2PRFIN20090317_091455_000000512077_00208_36835_9779.N1	17-MAR-2009 09:14:55	Dark	51.000	78	Alp Lup	2.3040	28000.	102	36835	No
109	GOM_NL__2PRFIN20090317_091623_000000512077_00208_36835_9780.N1	17-MAR-2009 09:16:23	Dark	50.500	81	Eta Cen	2.3560	28000.	101	36835	No
110	GOM_NL__2PRFIN20090317_091929_000000612077_00208_36835_9781.N1	17-MAR-2009 09:19:29	Straylight	61.000	54	5The Cen	2.0550	4500.0	122	36835	No
111	GOM_NL__2PRFIN20090317_092116_000000492077_00208_36835_9782.N1	17-MAR-2009 09:21:16	Straylight	48.500	123	lot Cen	2.7500	10200.	97	36835	No
112	GOM_NL__2PRFIN20090317_092614_000000432077_00208_36835_9783.N1	17-MAR-2009 09:26:14	Straylight	43.000	169	46Gam Hya	2.9910	4700.0	86	36835	No
113	GOM_NL__2PRFIN20090317_092735_000000472077_00208_36835_9784.N1	17-MAR-2009 09:27:35	Straylight	46.500	171	2Eps Crv	3.0010	4250.0	93	36835	No
114	GOM_NL__2PRFIN20090317_092915_000000522077_00208_36835_9785.N1	17-MAR-2009 09:29:15	Twi_and_stray	51.500	100	4Gam Crv	2.5800	13100.	103	36835	No
115	GOM_NL__2PRFIN20090317_094016_000000312077_00208_36835_9786.N1	17-MAR-2009 09:40:16	Twi_and_stray	31.000	62	94Bet Leo	2.1360	9700.0	62	36835	No
116	GOM_NL__2PRFIN20090317_095205_000000402077_00208_36835_9787.N1	17-MAR-2009 09:52:05	Bright	39.500	87	64Gam UMa	2.4330	11000.	79	36835	No
117	GOM_NL__2PRFIN20090317_095440_000000432077_00208_36835_9788.N1	17-MAR-2009 09:54:40	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36835	No
118	GOM_NL__2PRFIN20090317_100414_000000472077_00208_36835_9789.N1	17-MAR-2009 10:04:14	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36835	No
119	GOM_NL__2PRFIN20090317_100915_000000522077_00208_36835_9790.N1	17-MAR-2009 10:09:15	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36835	No
120	GOM_NL__2PRFIN20090317_101546_000000692077_00208_36835_9791.N1	17-MAR-2009 10:15:46	Bright	68.500	5	3Alp Lyr	0.033000	11000.	137	36835	No
121	GOM_NL__2PRFIN20090317_102455_000000522077_00208_36835_9792.N1	17-MAR-2009 10:24:55	Twi_and_stray	51.500	118	50Gam Aql	2.7180	4600.0	103	36835	No
122	GOM_NL__2PRFIN20090317_103539_000000512077_00208_36835_9793.N1	17-MAR-2009 10:35:39	Dark	50.500	155	41Pi Sgr	2.9000	6600.0	101	36835	No
123	GOM_NL__2PRFIN20090317_103742_000000502077_00208_36835_9794.N1	17-MAR-2009 10:37:42	Dark	49.500	57	34Sig Sgr	2.0660	26000.	99	36835	No
124	GOM_NL__2PRFIN20090317_103909_000000522077_00208_36835_9795.N1	17-MAR-2009 10:39:09	Dark	52.000	137	22Lam Sgr	2.8240	4400.0	104	36835	No
125	GOM_NL__2PRFIN20090317_104112_000000542077_00208_36835_9796.N1	17-MAR-2009 10:41:12	Dark	54.000	38	20Eps Sgr	1.8360	11000.	108	36835	No
126	GOM_NL__2PRFIN20090317_104454_000000512077_00209_36836_9795.N1	17-MAR-2009 10:44:54	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	36836	No
127	GOM_NL__2PRFIN20090317_105335_000000512077_00209_36836_9796.N1	17-MAR-2009 10:53:35	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36836	No
128	GOM_NL__2PRFIN20090317_105532_000000482077_00209_36836_9797.N1	17-MAR-2009 10:55:32	Dark	47.500	78	Alp Lup	2.3040	28000.	95	36836	No
129	GOM_NL__2PRFIN20090317_105700_000000572077_00209_36836_9798.N1	17-MAR-2009 10:57:00	Dark	57.000	81	Eta Cen	2.3560	28000.	114	36836	No
130	GOM_NL__2PRFIN20090317_110006_000000602077_00209_36836_9799.N1	17-MAR-2009 11:00:06	Straylight	60.000	54	5The Cen	2.0550	4500.0	120	36836	No
131	GOM_NL__2PRFIN20090317_110152_000000502077_00209_36836_9800.N1	17-MAR-2009 11:01:52	Straylight	49.500	123	lot Cen	2.7500	10200.	99	36836	No
132	GOM_NL__2PRFIN20090317_110650_000000472077_00209_36836_9801.N1	17-MAR-2009 11:06:50	Straylight	47.000	169	46Gam Hya	2.9910	4700.0	94	36836	No
133	GOM_NL__2PRFIN20090317_110811_000000482077_00209_36836_9802.N1	17-MAR-2009 11:08:11	Straylight	48.000	171	2Eps Crv	3.0010	4250.0	96	36836	No
134	GOM_NL__2PRFIN20090317_110951_000000492077_00209_36836_9803.N1	17-MAR-2009 11:09:51	Twi_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	36836	No
135	GOM_NL__2PRFIN20090317_112051_000000452077_00209_36836_9804.N1	17-MAR-2009 11:20:51	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36836	No
136	GOM_NL__2PRFIN20090317_113240_000000402077_00209_36836_9805.N1	17-MAR-2009 11:32:40	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	36836	No
137	GOM_NL__2PRFIN20090317_113515_000000462077_00209_36836_9806.N1	17-MAR-2009 11:35:15	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36836	No
138	GOM_NL__2PRFIN20090317_114449_000000452077_00209_36836_9807.N1	17-MAR-2009 11:44:49	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	36836	No
139	GOM_NL__2PRFIN20090317_114950_000000532077_00209_36836_9808.N1	17-MAR-2009 11:49:50	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36836	No
140	GOM_NL__2PRFIN20090317_115418_000000402077_00209_36836_9809.N1	17-MAR-2009 11:54:18	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	36836	No
141	GOM_NL__2PRFIN20090317_115622_000000522077_00209_36836_9810.N1	17-MAR-2009 11:56:22	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	36836	No
142	GOM_NL__2PRFIN20090317_120532_000000522077_00209_36836_9811.N1	17-MAR-2009 12:05:32	Twi_and_stray	51.500	118	50Gam Aql	2.7180	4600.0	103	36836	No
143	GOM_NL__2PRFIN20090317_121615_000000462077_00209_36836_9812.N1	17-MAR-2009 12:16:15	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	36836	No
144	GOM_NL__2PRFIN20090317_121819_000000472077_00209_36836_9813.N1	17-MAR-2009 12:18:19	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	36836	No
145	GOM_NL__2PRFIN20090317_121946_000000532077_00209_36836_9814.N1	17-MAR-2009 12:19:46	Dark	52.500	137	22Lam Sgr	2.8240	4400.0	105	36836	No
146	GOM_NL__2PRFIN20090317_122148_000000482077_00209_36836_9815.N1	17-MAR-2009 12:21:48	Dark	47.500	38	20Eps Sgr	1.8360	11000.	95	36836	No
147	GOM_NL__2PRFIN20090317_122531_000000512077_00210_36837_9809.N1	17-MAR-2009 12:25:31	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36837	No
148	GOM_NL__2PRFIN20090317_123412_000000542077_00210_36837_9810.N1	17-MAR-2009 12:34:12	Dark	54.000	131	Gam Lup	2.8000	26000.	108	36837	No
149	GOM_NL__2PRFIN20090317_123609_000000462077_00210_36837_9811.N1	17-MAR-2009 12:36:09	Dark	45.500	78	Alp Lup	2.3040	28000.	91	36837	No
150	GOM_NL__2PRFIN20090317_123737_000000522077_00210_36837_9812.N1	17-MAR-2009 12:37:37	Dark	52.000	81	Eta Cen	2.3560	28000.	104	36837	No
151	GOM_NL__2PRFIN20090317_124043_000000642077_00210_36837_9813.N1	17-MAR-2009 12:40:43	Straylight	64.000	54	5The Cen	2.0550	4500.0	128	36837	No
152	GOM_NL__2PRFIN20090317_124229_000000502077_00210_36837_9814.N1	17-MAR-2009 12:42:29	Straylight	49.500	123	lot Cen	2.7500	10200.	99	36837	No
153	GOM_NL__2PRFIN20090317_124726_000000472077_00210_36837_9815.N1	17-MAR-2009 12:47:26	Straylight	47.000	169	46Gam Hya	2.9910	4700.0	94	36837	No
154	GOM_NL__2PRFIN20090317_124847_000000472077_00210_36837_9816.N1	17-MAR-2009 12:48:47	Straylight	47.000	171	2Eps Crv	3.0010	4250.0	94	36837	No
155	GOM_NL__2PRFIN20090317_125027_000000452077_00210_36837_9817.N1	17-MAR-2009 12:50:27	Twi_and_stray	45.000	100	4Gam Crv	2.5800	13100.	90	36837	No
156	GOM_NL__2PRFIN20090317_130127_000000522077_00210_36837_9818.N1	17-MAR-2009 13:01:27	Bright	51.500	62	94Bet Leo	2.1360	9700.0	103	36837	No
157	GOM_NL__2PRFIN20090317_131316_000000412077_00210_36837_9819.N1	17-MAR-2009 13:13:16	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	36837	No
158	GOM_NL__2PRFIN20090317_131550_000000462077_00210_36837_9820.N1	17-MAR-2009 13:15:50	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36837	No
159	GOM_NL__2PRFIN20090317_132525_000000472077_00210_36837_9821.N1	17-MAR-2009 13:25:25	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36837	No
160	GOM_NL__2PRFIN20090317_133026_000000522077_00210_36837_9822.N1	17-MAR-2009 13:30:26	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36837	No

161	GOM_NL__2PRFIN20090317_133454_000000422077_00210_36837_9823.N1	17-MAR-2009 13:34:54	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	36837	No
162	GOM_NL__2PRFIN20090317_133658_000000742077_00210_36837_9824.N1	17-MAR-2009 13:36:58	Bright	74.000	5	3Alp Lyr	0.033000	11000.	148	36837	No
163	GOM_NL__2PRFIN20090317_134608_000000562077_00210_36837_9825.N1	17-MAR-2009 13:46:08	Tw_i_and_stray	56.000	118	50Gam Aql	2.7180	4600.0	112	36837	No
164	GOM_NL__2PRFIN20090317_135652_000000502077_00210_36837_9826.N1	17-MAR-2009 13:56:52	Dark	49.500	155	41Pi Sgr	2.9000	6600.0	99	36837	No
165	GOM_NL__2PRFIN20090317_135856_000000452077_00210_36837_9827.N1	17-MAR-2009 13:58:56	Dark	44.500	57	34Sig Sgr	2.0660	26000.	89	36837	No
166	GOM_NL__2PRFIN20090317_140023_000000532077_00210_36837_9828.N1	17-MAR-2009 14:00:23	Dark	53.000	137	22Lam Sgr	2.8240	4400.0	106	36837	No
167	GOM_NL__2PRFIN20090317_140225_000000462077_00210_36837_9829.N1	17-MAR-2009 14:02:25	Dark	46.000	38	20Eps Sgr	1.8360	11000.	92	36837	No
168	GOM_NL__2PRFIN20090317_140608_000000492077_00211_36838_9870.N1	17-MAR-2009 14:06:08	Dark	48.500	25	35Lam Sco	1.6200	28000.	97	36838	No
169	GOM_NL__2PRFIN20090317_141449_000000562077_00211_36838_9871.N1	17-MAR-2009 14:14:49	Dark	55.500	131	Gam Lup	2.8000	26000.	111	36838	No
170	GOM_NL__2PRFIN20090317_141645_000000492077_00211_36838_9872.N1	17-MAR-2009 14:16:45	Dark	48.500	78	Alp Lup	2.3040	28000.	97	36838	No
171	GOM_NL__2PRFIN20090317_141814_000000522077_00211_36838_9873.N1	17-MAR-2009 14:18:14	Dark	52.000	81	Eta Cen	2.3560	28000.	104	36838	No
172	GOM_NL__2PRFIN20090317_142120_000000592077_00211_36838_9874.N1	17-MAR-2009 14:21:20	Straylight	59.000	54	5The Cen	2.0550	4500.0	118	36838	No
173	GOM_NL__2PRFIN20090317_142305_000000492077_00211_36838_9875.N1	17-MAR-2009 14:23:05	Straylight	48.500	123	lot Cen	2.7500	10200.	97	36838	No
174	GOM_NL__2PRFIN20090317_142802_000000522077_00211_36838_9876.N1	17-MAR-2009 14:28:02	Straylight	52.000	169	46Gam Hya	2.9910	4700.0	104	36838	No
175	GOM_NL__2PRFIN20090317_142923_000000512077_00211_36838_9877.N1	17-MAR-2009 14:29:23	Straylight	51.000	171	2Eps Crv	3.0010	4250.0	102	36838	No
176	GOM_NL__2PRFIN20090317_143103_000000492077_00211_36838_9878.N1	17-MAR-2009 14:31:03	Tw_i_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	36838	No
177	GOM_NL__2PRFIN20090317_144202_000000462077_00211_36838_9879.N1	17-MAR-2009 14:42:02	Bright	46.000	62	94Bet Leo	2.1360	9700.0	92	36838	No
178	GOM_NL__2PRFIN20090317_145351_000000382077_00211_36838_9880.N1	17-MAR-2009 14:53:51	Bright	38.000	87	64Gam UMa	2.4330	11000.	76	36838	No
179	GOM_NL__2PRFIN20090317_145625_000000442077_00211_36838_9881.N1	17-MAR-2009 14:56:25	Bright	44.000	32	77Eps UMa	1.7630	11000.	88	36838	No
180	GOM_NL__2PRFIN20090317_150600_000000472077_00211_36838_9882.N1	17-MAR-2009 15:06:00	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	36838	No
181	GOM_NL__2PRFIN20090317_151101_000000532077_00211_36838_9883.N1	17-MAR-2009 15:11:01	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36838	No
182	GOM_NL__2PRFIN20090317_151529_000000432077_00211_36838_9884.N1	17-MAR-2009 15:15:29	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	36838	No
183	GOM_NL__2PRFIN20090317_151734_000000742077_00211_36838_9885.N1	17-MAR-2009 15:17:34	Bright	74.000	5	3Alp Lyr	0.033000	11000.	148	36838	No
184	GOM_NL__2PRFIN20090317_152645_000000572077_00211_36838_9886.N1	17-MAR-2009 15:26:45	Tw_i_and_stray	56.500	118	50Gam Aql	2.7180	4600.0	113	36838	No
185	GOM_NL__2PRFIN20090317_153729_000000462077_00211_36838_9887.N1	17-MAR-2009 15:37:29	Dark	46.000	155	41Pi Sgr	2.9000	6600.0	92	36838	No
186	GOM_NL__2PRFIN20090317_153932_000000462077_00211_36838_9888.N1	17-MAR-2009 15:39:32	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	36838	No
187	GOM_NL__2PRFIN20090317_154100_000000522077_00211_36838_9889.N1	17-MAR-2009 15:41:00	Dark	51.500	137	22Lam Sgr	2.8240	4400.0	103	36838	No
188	GOM_NL__2PRFIN20090317_154302_000000482077_00211_36838_9890.N1	17-MAR-2009 15:43:02	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	36838	No
189	GOM_NL__2PRFIN20090317_154646_000000512077_00212_36839_9903.N1	17-MAR-2009 15:46:46	Dark	50.500	25	35Lam Sco	1.6200	28000.	101	36839	No
190	GOM_NL__2PRFIN20090317_155526_000000532077_00212_36839_9904.N1	17-MAR-2009 15:55:26	Dark	53.000	131	Gam Lup	2.8000	26000.	106	36839	No
191	GOM_NL__2PRFIN20090317_155722_000000452077_00212_36839_9905.N1	17-MAR-2009 15:57:22	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36839	No
192	GOM_NL__2PRFIN20090317_155850_000000522077_00212_36839_9906.N1	17-MAR-2009 15:58:50	Dark	52.000	81	Eta Cen	2.3560	28000.	104	36839	No
193	GOM_NL__2PRFIN20090317_160156_000000582077_00212_36839_9907.N1	17-MAR-2009 16:01:56	Straylight	58.000	54	5The Cen	2.0550	4500.0	116	36839	No
194	GOM_NL__2PRFIN20090317_160342_000000522077_00212_36839_9908.N1	17-MAR-2009 16:03:42	Straylight	51.500	123	lot Cen	2.7500	10200.	103	36839	No
195	GOM_NL__2PRFIN20090317_160839_000000522077_00212_36839_9909.N1	17-MAR-2009 16:08:39	Straylight	52.000	169	46Gam Hya	2.9910	4700.0	104	36839	No
196	GOM_NL__2PRFIN20090317_160959_000000482077_00212_36839_9910.N1	17-MAR-2009 16:09:59	Straylight	48.000	171	2Eps Crv	3.0010	4250.0	96	36839	No
197	GOM_NL__2PRFIN20090317_161139_000000492077_00212_36839_9911.N1	17-MAR-2009 16:11:39	Tw_i_and_stray	48.500	100	4Gam Crv	2.5800	13100.	97	36839	No
198	GOM_NL__2PRFIN20090317_162238_000000452077_00212_36839_9912.N1	17-MAR-2009 16:22:38	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36839	No
199	GOM_NL__2PRFIN20090317_163427_000000412077_00212_36839_9913.N1	17-MAR-2009 16:34:27	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	36839	No
200	GOM_NL__2PRFIN20090317_163701_000000462077_00212_36839_9914.N1	17-MAR-2009 16:37:01	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	36839	No
201	GOM_NL__2PRFIN20090317_164635_000000472077_00212_36839_9915.N1	17-MAR-2009 16:46:35	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	36839	No
202	GOM_NL__2PRFIN20090317_165136_000000532077_00212_36839_9916.N1	17-MAR-2009 16:51:36	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	36839	No
203	GOM_NL__2PRFIN20090317_165605_000000392077_00212_36839_9917.N1	17-MAR-2009 16:56:05	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	36839	No
204	GOM_NL__2PRFIN20090317_165810_000000522077_00212_36839_9918.N1	17-MAR-2009 16:58:10	Bright	52.000	5	3Alp Lyr	0.033000	11000.	104	36839	No
205	GOM_NL__2PRFIN20090317_170721_000000502077_00212_36839_9919.N1	17-MAR-2009 17:07:21	Tw_i_and_stray	49.500	118	50Gam Aql	2.7180	4600.0	99	36839	No
206	GOM_NL__2PRFIN20090317_171806_000000442077_00212_36839_9920.N1	17-MAR-2009 17:18:06	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	36839	No
207	GOM_NL__2PRFIN20090317_172009_000000472077_00212_36839_9921.N1	17-MAR-2009 17:20:09	Dark	46.500	57	34Sig Sgr	2.0660	26000.	93	36839	No
208	GOM_NL__2PRFIN20090317_172137_000000642077_00212_36839_9922.N1	17-MAR-2009 17:21:37	Dark	63.500	137	22Lam Sgr	2.8240	4400.0	127	36839	No
209	GOM_NL__2PRFIN20090317_172339_000000482077_00212_36839_9923.N1	17-MAR-2009 17:23:39	Dark	48.000	38	20Eps Sgr	1.8360	11000.	96	36839	No
210	GOM_NL__2PRFIN20090317_172722_000000512077_00213_36840_9917.N1	17-MAR-2009 17:27:22	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36840	No
211	GOM_NL__2PRFIN20090317_173604_000000522077_00213_36840_9918.N1	17-MAR-2009 17:36:04	Dark	52.000	131	Gam Lup	2.8000	26000.	104	36840	No
212	GOM_NL__2PRFIN20090317_173759_000000552077_00213_36840_9919.N1	17-MAR-2009 17:37:59	Dark	55.000	78	Alp Lup	2.3040	28000.	110	36840	No
213	GOM_NL__2PRFIN20090317_173927_000000502077_00213_36840_9920.N1	17-MAR-2009 17:39:27	Dark	49.500	81	Eta Cen	2.3560	28000.	99	36840	No
214	GOM_NL__2PRFIN20090317_174233_000000602077_00213_36840_9921.N1	17-MAR-2009 17:42:33	Straylight	59.500	54	5The Cen	2.0550	4500.0	119	36840	No
215	GOM_NL__2PRFIN20090317_174418_000000462077_00213_36840_9922.N1	17-MAR-2009 17:44:18	Straylight	46.000	123	lot Cen	2.7500	10200.	92	36840	No
216	GOM_NL__2PRFIN20090317_174959_000000542077_00213_36840_9923.N1	17-MAR-2009 17:49:59	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	36840	No
217	GOM_NL__2PRFIN20090317_175216_000000492077_00213_36840_9924.N1	17-MAR-2009 17:52:16	Tw_i_and_stray	49.000	100	4Gam Crv	2.5800	13100.	98	36840	No
218	GOM_NL__2PRFIN20090317_180314_000000452077_00213_36840_9925.N1	17-MAR-2009 18:03:14	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36840	No
219	GOM_NL__2PRFIN20090317_181503_000000412077_00213_36840_9926.N1	17-MAR-2009 18:15:03	Bright	40.500	87	64Gam UMa	2.4330	11000.	81	36840	No



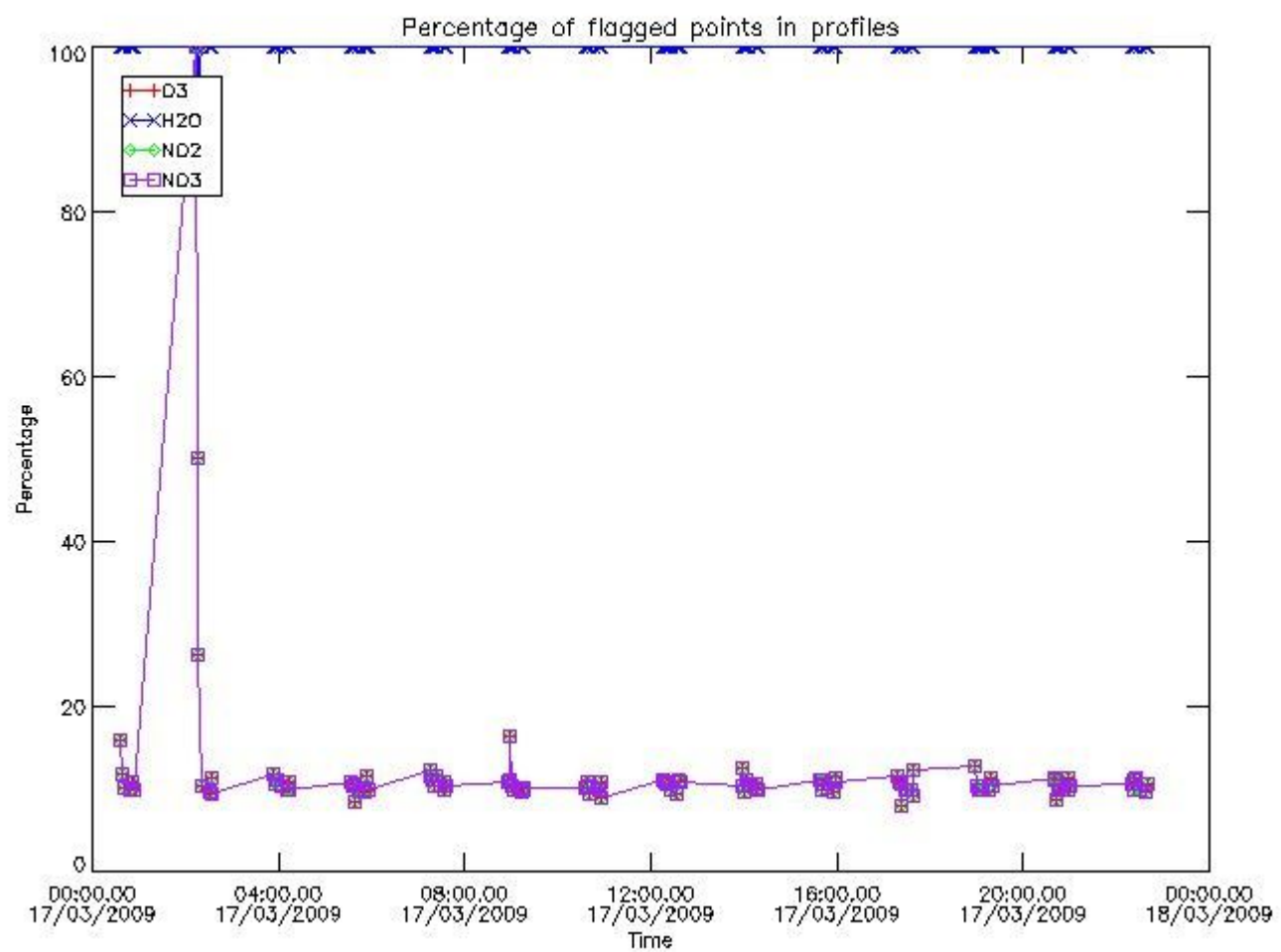
220	GOM_NL__2PRFIN20090317_181736_000000462077_00213_36840_9927.N1	17-MAR-2009 18:17:36	Bright	46.000	32	77Eps UMa	1.7630	11000.	92	36840	No
221	GOM_NL__2PRFIN20090317_182711_000000472077_00213_36840_9928.N1	17-MAR-2009 18:27:11	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	36840	No
222	GOM_NL__2PRFIN20090317_183212_000000502077_00213_36840_9929.N1	17-MAR-2009 18:32:12	Bright	50.000	130	23Bet Dra	2.7990	5800.0	100	36840	No
223	GOM_NL__2PRFIN20090317_183641_000000392077_00213_36840_9930.N1	17-MAR-2009 18:36:41	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	36840	No
224	GOM_NL__2PRFIN20090317_183846_000000562077_00213_36840_9931.N1	17-MAR-2009 18:38:46	Bright	55.500	5	3Alp Lyr	0.033000	11000.	111	36840	No
225	GOM_NL__2PRFIN20090317_184757_000000522077_00213_36840_9932.N1	17-MAR-2009 18:47:57	Tw_i_and_stray	52.000	118	50Gam Aql	2.7180	4600.0	104	36840	No
226	GOM_NL__2PRFIN20090317_185843_000000442077_00213_36840_9933.N1	17-MAR-2009 18:58:43	Dark	44.000	155	41Pi Sgr	2.9000	6600.0	88	36840	No
227	GOM_NL__2PRFIN20090317_190046_000000502077_00213_36840_9934.N1	17-MAR-2009 19:00:46	Dark	49.500	57	34Sig Sgr	2.0660	26000.	99	36840	No
228	GOM_NL__2PRFIN20090317_190215_000000572077_00213_36840_9935.N1	17-MAR-2009 19:02:15	Dark	57.000	137	22Lam Sgr	2.8240	4400.0	114	36840	No
229	GOM_NL__2PRFIN20090317_190416_000000512077_00213_36840_9936.N1	17-MAR-2009 19:04:16	Dark	51.000	38	20Eps Sgr	1.8360	11000.	102	36840	No
230	GOM_NL__2PRFIN20090317_190800_000000522077_00214_36841_9934.N1	17-MAR-2009 19:08:00	Dark	52.000	25	35Lam Sco	1.6200	28000.	104	36841	No
231	GOM_NL__2PRFIN20090317_191640_000000512077_00214_36841_9935.N1	17-MAR-2009 19:16:40	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36841	No
232	GOM_NL__2PRFIN20090317_191836_000000452077_00214_36841_9936.N1	17-MAR-2009 19:18:36	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36841	No
233	GOM_NL__2PRFIN20090317_192004_000000502077_00214_36841_9937.N1	17-MAR-2009 19:20:04	Dark	49.500	81	Eta Cen	2.3560	28000.	99	36841	No
234	GOM_NL__2PRFIN20090317_192310_000000612077_00214_36841_9938.N1	17-MAR-2009 19:23:10	Straylight	60.500	54	5The Cen	2.0550	4500.0	121	36841	No
235	GOM_NL__2PRFIN20090317_192455_000000492077_00214_36841_9939.N1	17-MAR-2009 19:24:55	Straylight	49.000	123	lot Cen	2.7500	10200.	98	36841	No
236	GOM_NL__2PRFIN20090317_193035_000000532077_00214_36841_9940.N1	17-MAR-2009 19:30:35	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	36841	No
237	GOM_NL__2PRFIN20090317_193252_000000512077_00214_36841_9941.N1	17-MAR-2009 19:32:52	Tw_i_and_stray	50.500	100	4Gam Crv	2.5800	13100.	101	36841	No
238	GOM_NL__2PRFIN20090317_194349_000000462077_00214_36841_9942.N1	17-MAR-2009 19:43:49	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36841	No
239	GOM_NL__2PRFIN20090317_195538_000000402077_00214_36841_9943.N1	17-MAR-2009 19:55:38	Bright	40.000	87	64Gam UMa	2.4330	11000.	80	36841	No
240	GOM_NL__2PRFIN20090317_195811_000000432077_00214_36841_9944.N1	17-MAR-2009 19:58:11	Bright	43.000	32	77Eps UMa	1.7630	11000.	86	36841	No
241	GOM_NL__2PRFIN20090317_200746_000000442077_00214_36841_9945.N1	17-MAR-2009 20:07:46	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	36841	No
242	GOM_NL__2PRFIN20090317_201247_000000532077_00214_36841_9946.N1	17-MAR-2009 20:12:47	Bright	52.500	130	23Bet Dra	2.7990	5800.0	105	36841	No
243	GOM_NL__2PRFIN20090317_201717_000000592077_00214_36841_9947.N1	17-MAR-2009 20:17:17	Bright	59.000	144	18Del Cyg	2.8600	11000.	118	36841	No
244	GOM_NL__2PRFIN20090317_201921_000000742077_00214_36841_9948.N1	17-MAR-2009 20:19:21	Bright	74.000	5	3Alp Lyr	0.033000	11000.	148	36841	No
245	GOM_NL__2PRFIN20090317_202834_000000542077_00214_36841_9949.N1	17-MAR-2009 20:28:34	Tw_i_and_stray	53.500	118	50Gam Aql	2.7180	4600.0	107	36841	No
246	GOM_NL__2PRFIN20090317_203919_000000452077_00214_36841_9950.N1	17-MAR-2009 20:39:19	Dark	45.000	155	41Pi Sgr	2.9000	6600.0	90	36841	No
247	GOM_NL__2PRFIN20090317_204123_000000462077_00214_36841_9951.N1	17-MAR-2009 20:41:23	Dark	45.500	57	34Sig Sgr	2.0660	26000.	91	36841	No
248	GOM_NL__2PRFIN20090317_204252_000000592077_00214_36841_9952.N1	17-MAR-2009 20:42:52	Dark	58.500	137	22Lam Sgr	2.8240	4400.0	117	36841	No
249	GOM_NL__2PRFIN20090317_204453_000000522077_00214_36841_9953.N1	17-MAR-2009 20:44:53	Dark	52.000	38	20Eps Sgr	1.8360	11000.	104	36841	No
250	GOM_NL__2PRFIN20090317_204837_000000542077_00215_36842_9950.N1	17-MAR-2009 20:48:37	Dark	53.500	25	35Lam Sco	1.6200	28000.	107	36842	No
251	GOM_NL__2PRFIN20090317_205717_000000512077_00215_36842_9951.N1	17-MAR-2009 20:57:17	Dark	51.000	131	Gam Lup	2.8000	26000.	102	36842	No
252	GOM_NL__2PRFIN20090317_205912_000000452077_00215_36842_9952.N1	17-MAR-2009 20:59:12	Dark	45.000	78	Alp Lup	2.3040	28000.	90	36842	No
253	GOM_NL__2PRFIN20090317_210041_000000492077_00215_36842_9953.N1	17-MAR-2009 21:00:41	Dark	49.000	81	Eta Cen	2.3560	28000.	98	36842	No
254	GOM_NL__2PRFIN20090317_210347_000000642077_00215_36842_9954.N1	17-MAR-2009 21:03:47	Straylight	63.500	54	5The Cen	2.0550	4500.0	127	36842	No
255	GOM_NL__2PRFIN20090317_210531_000000512077_00215_36842_9955.N1	17-MAR-2009 21:05:31	Straylight	51.000	123	lot Cen	2.7500	10200.	102	36842	No
256	GOM_NL__2PRFIN20090317_211111_000000532077_00215_36842_9956.N1	17-MAR-2009 21:11:11	Straylight	53.000	106	9Bet Crv	2.6480	5600.0	106	36842	No
257	GOM_NL__2PRFIN20090317_211327_000000492077_00215_36842_9957.N1	17-MAR-2009 21:13:27	Tw_i_and_stray	49.000	100	4Gam Crv	2.5800	13100.	98	36842	No
258	GOM_NL__2PRFIN20090317_212425_000000452077_00215_36842_9958.N1	17-MAR-2009 21:24:25	Bright	45.000	62	94Bet Leo	2.1360	9700.0	90	36842	No
259	GOM_NL__2PRFIN20090317_213613_000000412077_00215_36842_9959.N1	17-MAR-2009 21:36:13	Bright	41.000	87	64Gam UMa	2.4330	11000.	82	36842	No
260	GOM_NL__2PRFIN20090317_213847_000000442077_00215_36842_9960.N1	17-MAR-2009 21:38:47	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	36842	No
261	GOM_NL__2PRFIN20090317_214821_000000442077_00215_36842_9961.N1	17-MAR-2009 21:48:21	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	36842	No
262	GOM_NL__2PRFIN20090317_215323_000000522077_00215_36842_9962.N1	17-MAR-2009 21:53:23	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36842	No
263	GOM_NL__2PRFIN20090317_215753_000000412077_00215_36842_9963.N1	17-MAR-2009 21:57:53	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	36842	No
264	GOM_NL__2PRFIN20090317_215957_000000562077_00215_36842_9964.N1	17-MAR-2009 21:59:57	Bright	55.500	5	3Alp Lyr	0.033000	11000.	111	36842	No
265	GOM_NL__2PRFIN20090317_220910_000000512077_00215_36842_9965.N1	17-MAR-2009 22:09:10	Tw_i_and_stray	50.500	118	50Gam Aql	2.7180	4600.0	101	36842	No
266	GOM_NL__2PRFIN20090317_221956_000000482077_00215_36842_9966.N1	17-MAR-2009 22:19:56	Dark	48.000	155	41Pi Sgr	2.9000	6600.0	96	36842	No
267	GOM_NL__2PRFIN20090317_222200_000000512077_00215_36842_9967.N1	17-MAR-2009 22:22:00	Dark	51.000	57	34Sig Sgr	2.0660	26000.	102	36842	No
268	GOM_NL__2PRFIN20090317_222329_000000512077_00215_36842_9968.N1	17-MAR-2009 22:23:29	Dark	51.000	137	22Lam Sgr	2.8240	4400.0	102	36842	No
269	GOM_NL__2PRFIN20090317_222530_000000452077_00215_36842_9969.N1	17-MAR-2009 22:25:30	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	36842	No
270	GOM_NL__2PRFIN20090317_222914_000000512077_00216_36843_9968.N1	17-MAR-2009 22:29:14	Dark	51.000	25	35Lam Sco	1.6200	28000.	102	36843	No
271	GOM_NL__2PRFIN20090317_223754_000000542077_00216_36843_9969.N1	17-MAR-2009 22:37:54	Dark	53.500	131	Gam Lup	2.8000	26000.	107	36843	No
272	GOM_NL__2PRFIN20090317_223949_000000482077_00216_36843_9970.N1	17-MAR-2009 22:39:49	Dark	48.000	78	Alp Lup	2.3040	28000.	96	36843	No
273	GOM_NL__2PRFIN20090317_224118_000000552077_00216_36843_9971.N1	17-MAR-2009 22:41:18	Straylight	55.000	81	Eta Cen	2.3560	28000.	110	36843	No
274	GOM_NL__2PRFIN20090317_224423_000000582077_00216_36843_9972.N1	17-MAR-2009 22:44:23	Straylight	57.500	54	5The Cen	2.0550	4500.0	115	36843	No
275	GOM_NL__2PRFIN20090317_224608_000000512077_00216_36843_9973.N1	17-MAR-2009 22:46:08	Straylight	50.500	123	lot Cen	2.7500	10200.	101	36843	No
276	GOM_NL__2PRFIN20090317_225147_000000542077_00216_36843_9974.N1	17-MAR-2009 22:51:47	Straylight	54.000	106	9Bet Crv	2.6480	5600.0	108	36843	No
277	GOM_NL__2PRFIN20090317_225403_000000482077_00216_36843_9975.N1	17-MAR-2009 22:54:03	Tw_i_and_stray	48.000	100	4Gam Crv	2.5800	13100.	96	36843	No
278	GOM_NL__2PRFIN20090317_230500_000000462077_00216_36843_9976.N1	17-MAR-2009 23:05:00	Bright	45.500	62	94Bet Leo	2.1360	9700.0	91	36843	No

279	GOM_NL__2PRFIN20090317_231649_000000602077_00216_36843_9977.N1	17-MAR-2009 23:16:49	Bright	60.000	87	64Gam UMa	2.4330	11000.	120	36843	No
280	GOM_NL__2PRFIN20090317_231922_000000462077_00216_36843_9978.N1	17-MAR-2009 23:19:22	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	36843	No
281	GOM_NL__2PRFIN20090317_232857_000000472077_00216_36843_9979.N1	17-MAR-2009 23:28:57	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	36843	No
282	GOM_NL__2PRFIN20090317_233358_000000522077_00216_36843_9980.N1	17-MAR-2009 23:33:58	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	36843	No
283	GOM_NL__2PRFIN20090317_233829_000000392077_00216_36843_9981.N1	17-MAR-2009 23:38:29	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	36843	No
284	GOM_NL__2PRFIN20090317_234033_000000602077_00216_36843_9982.N1	17-MAR-2009 23:40:33	Bright	59.500	5	3Alp Lyr	0.033000	11000.	119	36843	No
285	GOM_NL__2PRFIN20090317_234946_000000532077_00216_36843_9983.N1	17-MAR-2009 23:49:46	Tw_i_and_stray	52.500	118	50Gam Aql	2.7180	4600.0	105	36843	No

### 3. Quality information per product

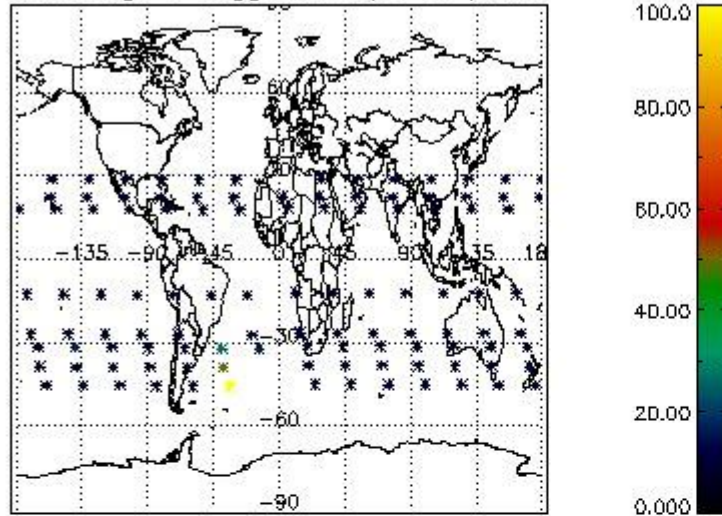
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

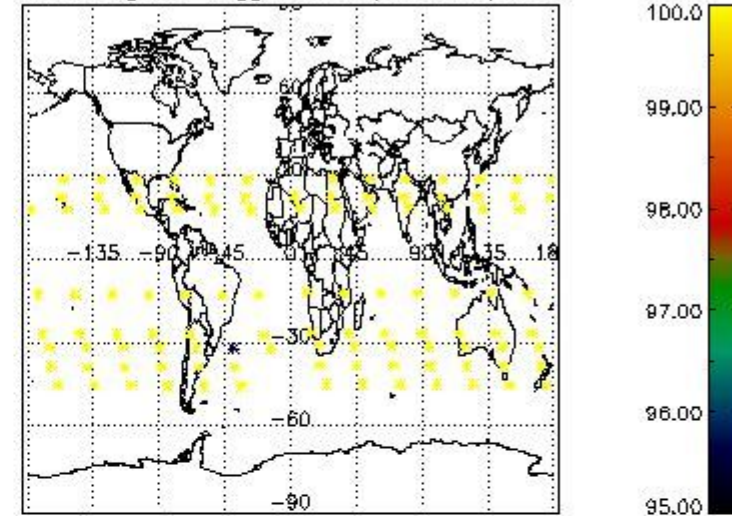


#### 3.2 Plot quality information per product (world map)

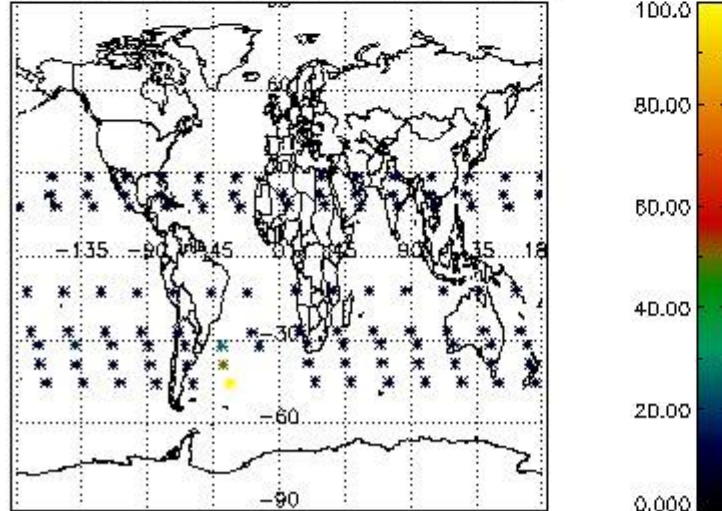
Percentage of flagged data per O3 profile



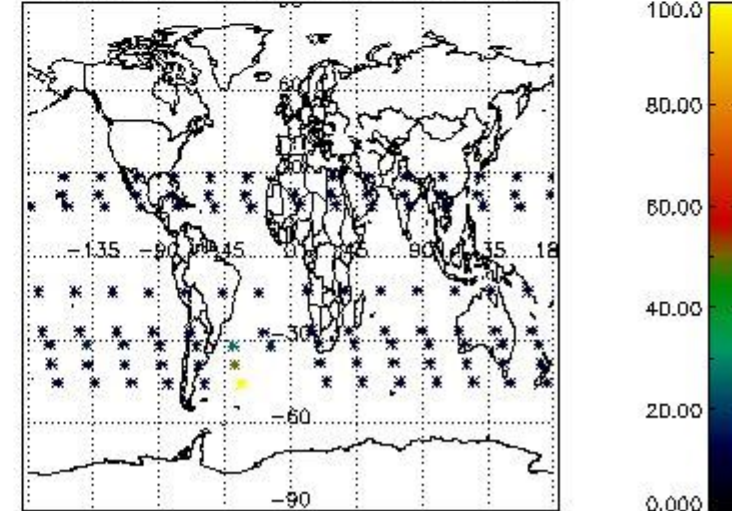
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



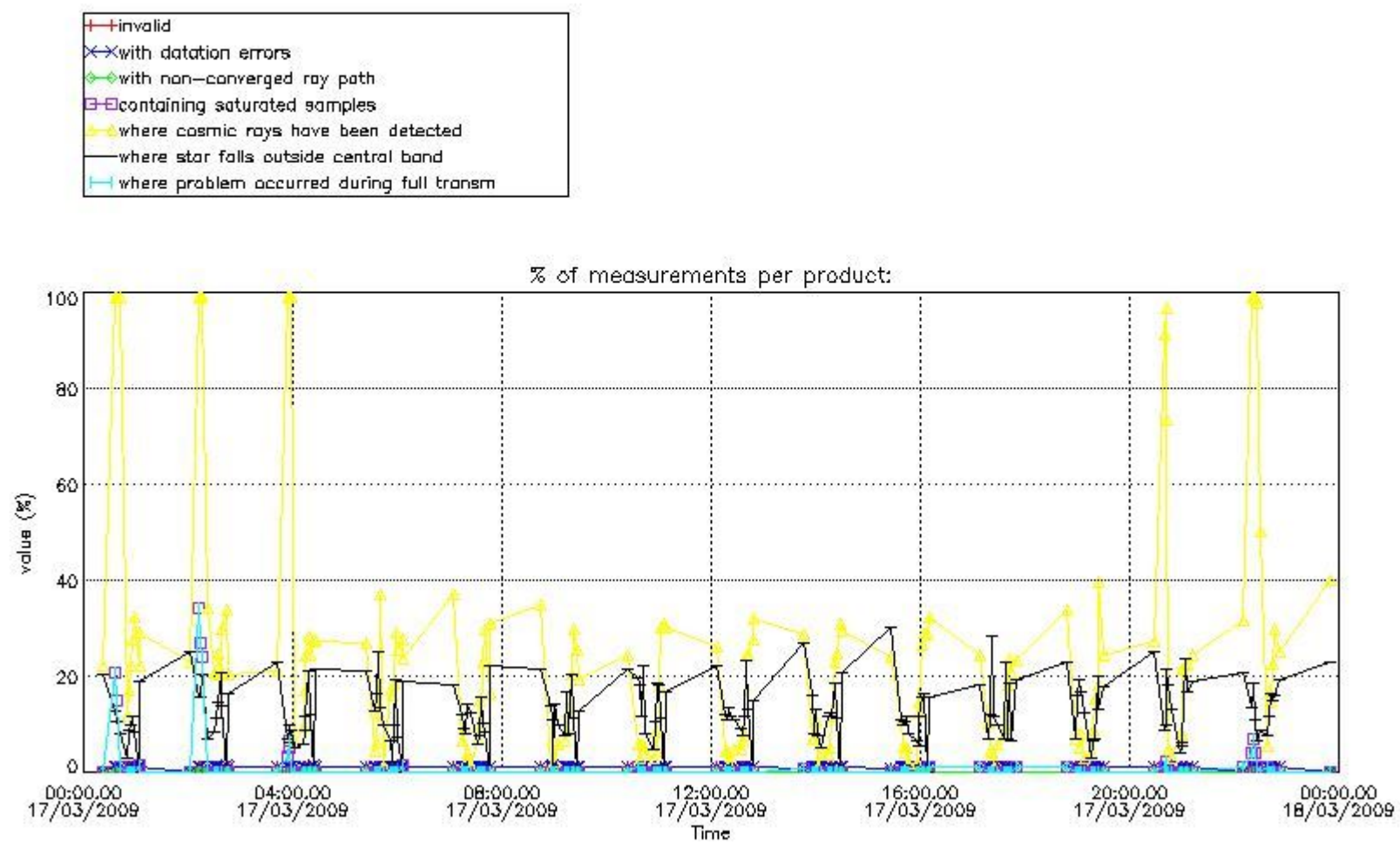
#### 4. Level 1 quality information per product

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.

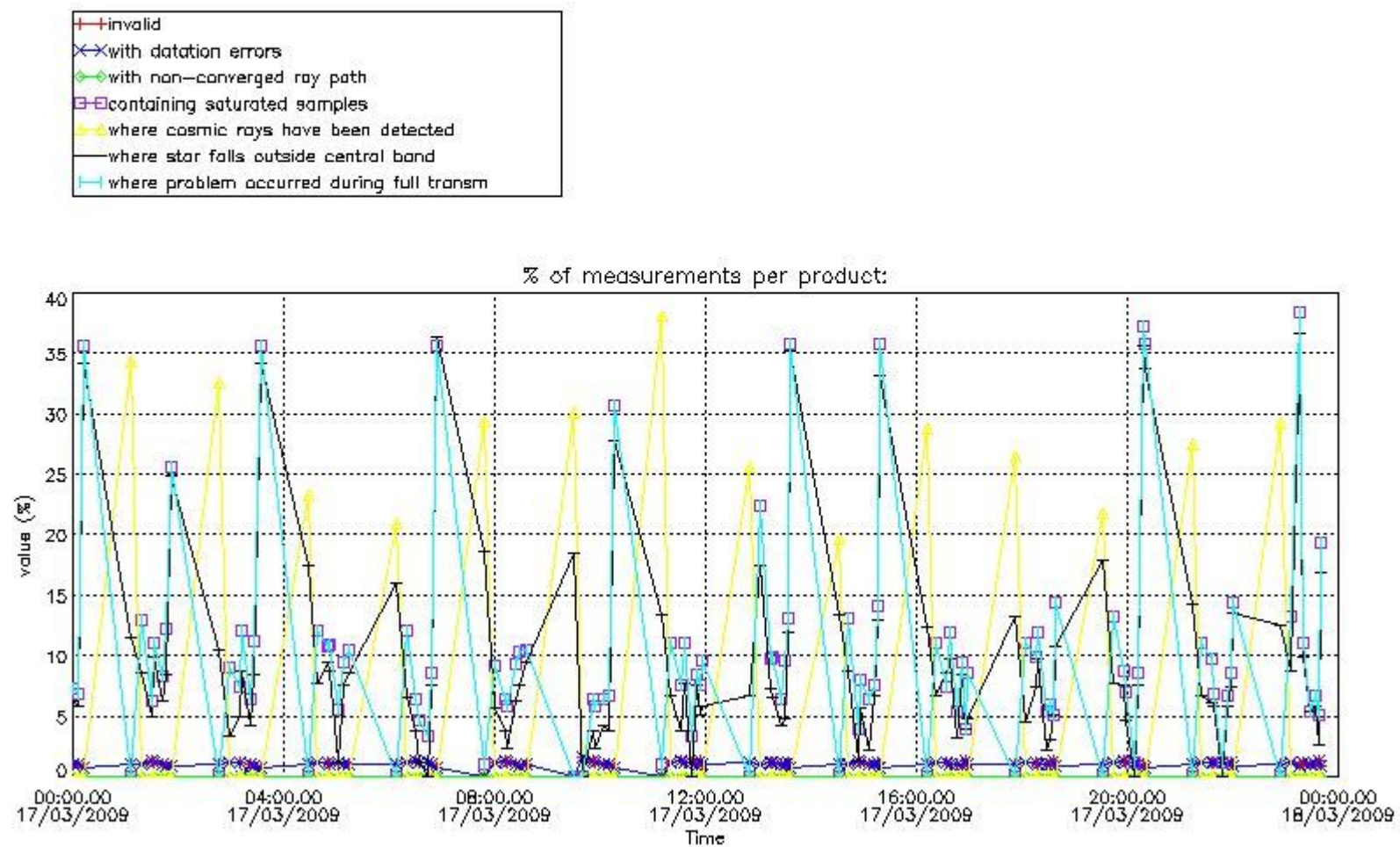
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



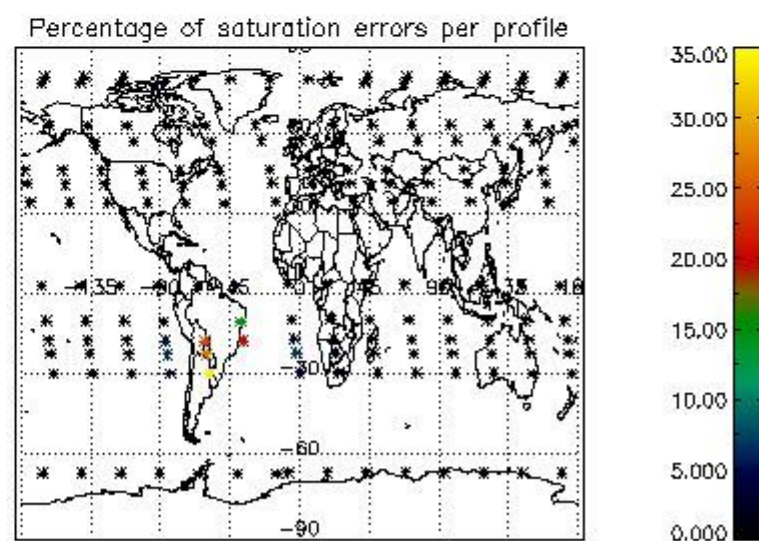
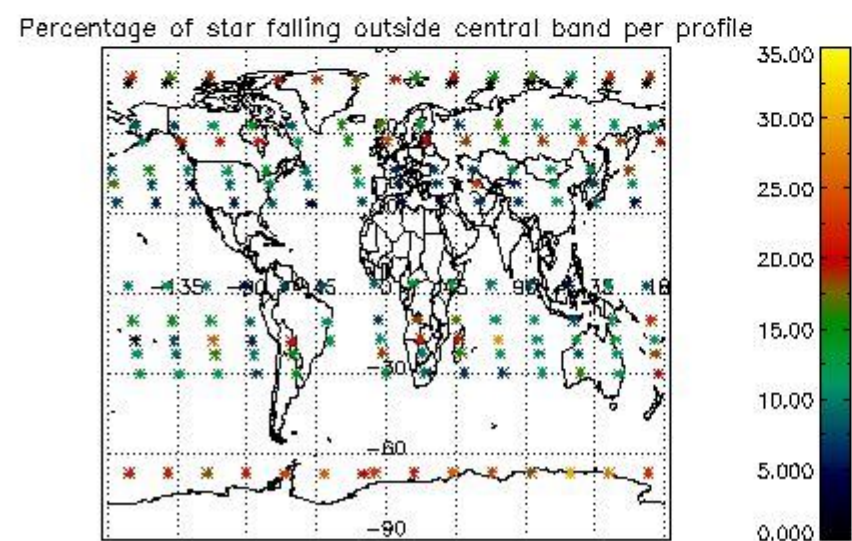
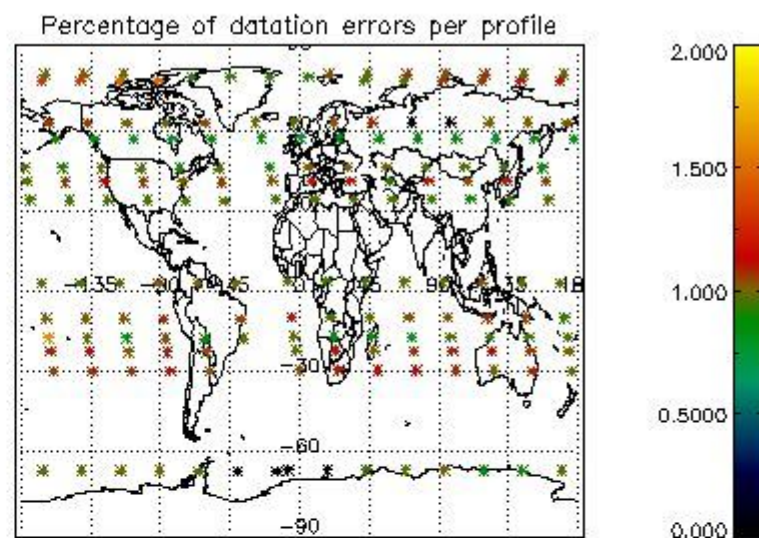
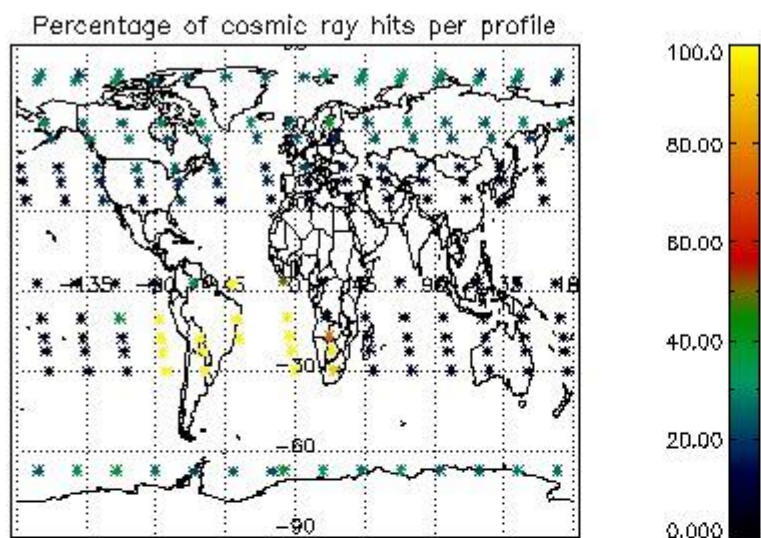


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



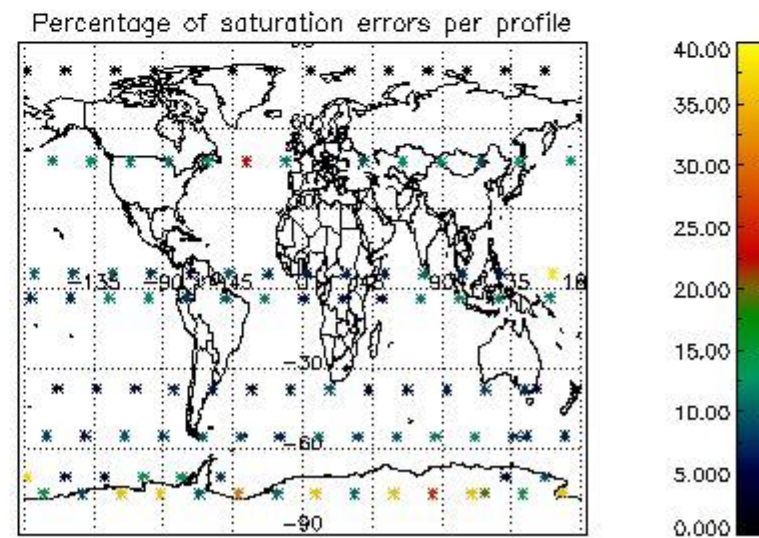
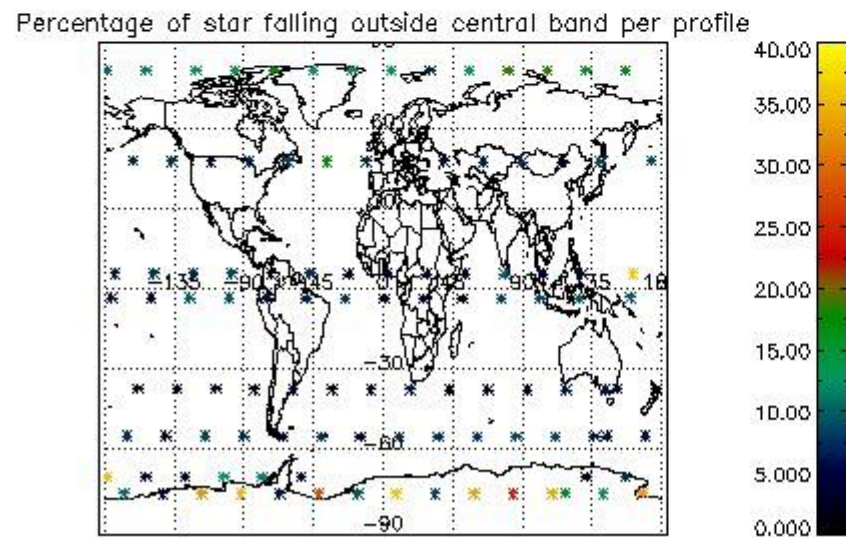
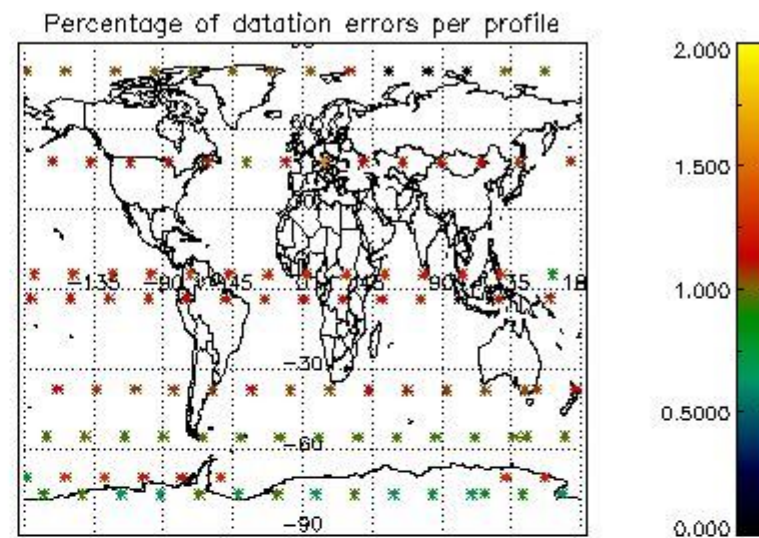
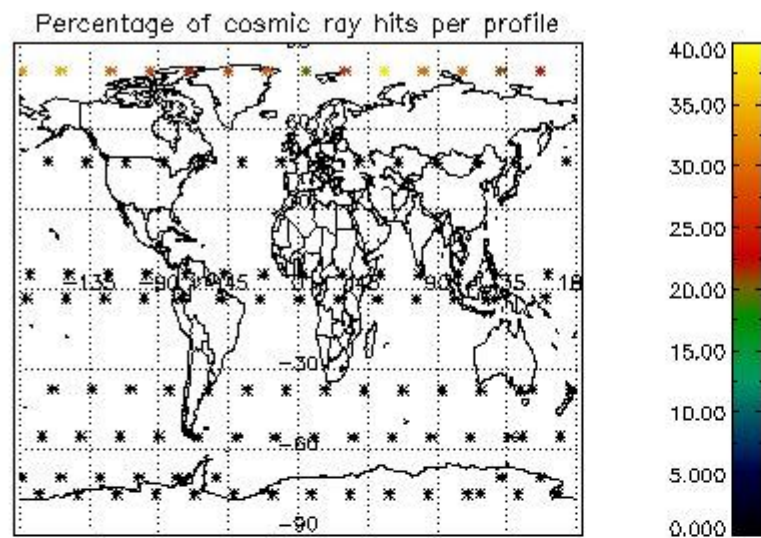
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

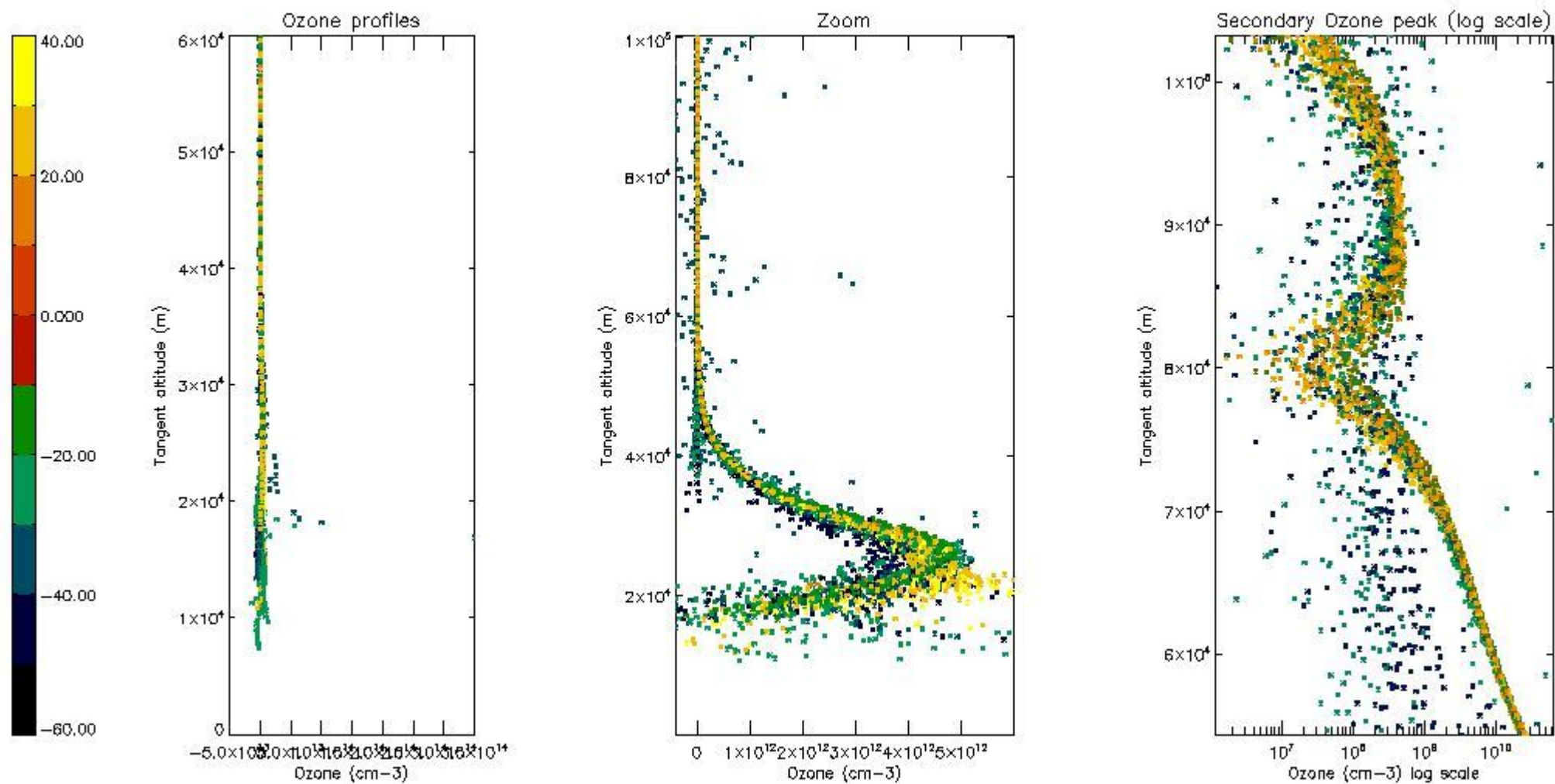
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	22

STD < 10	18
STD < 5	14

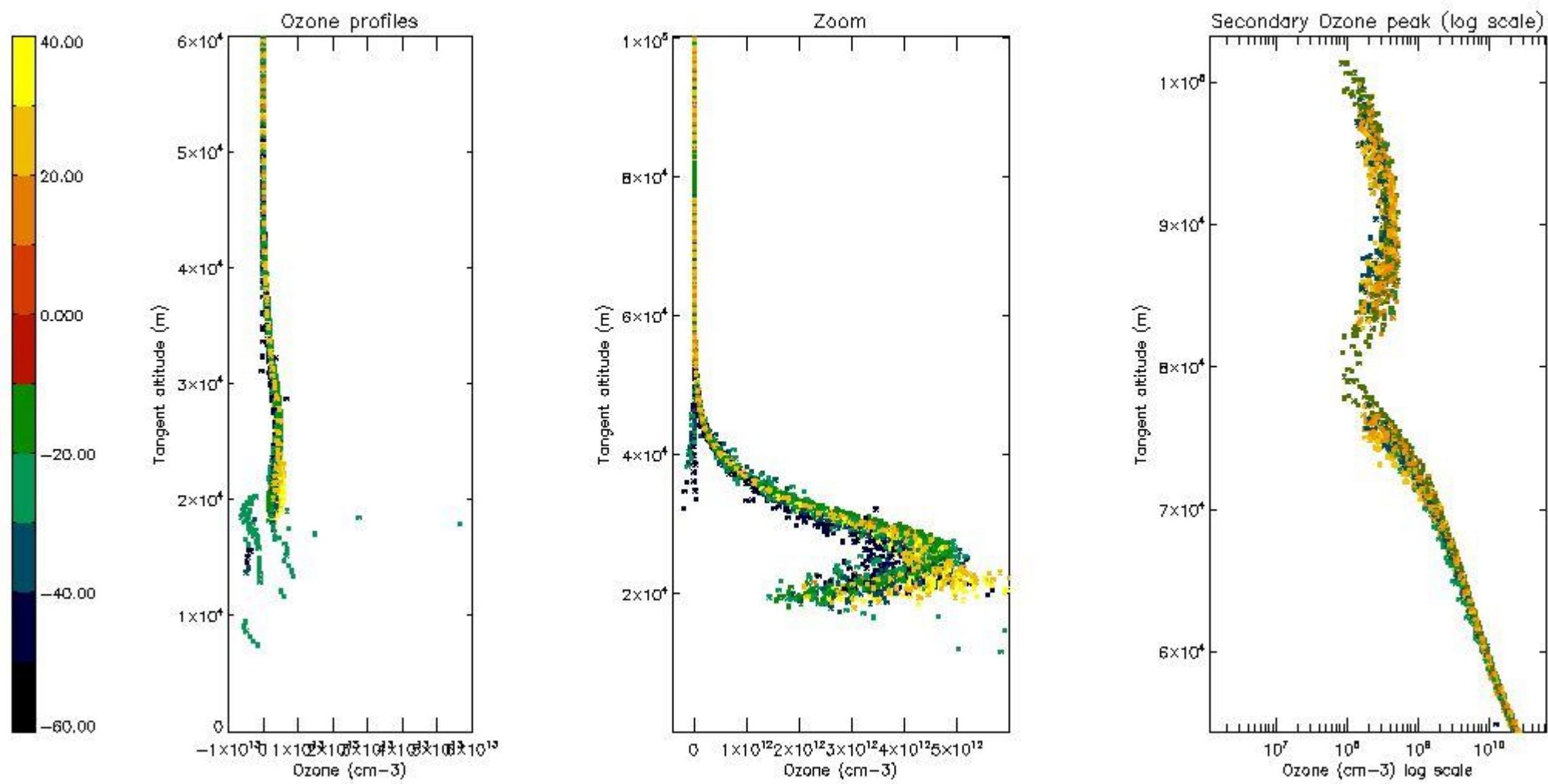
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

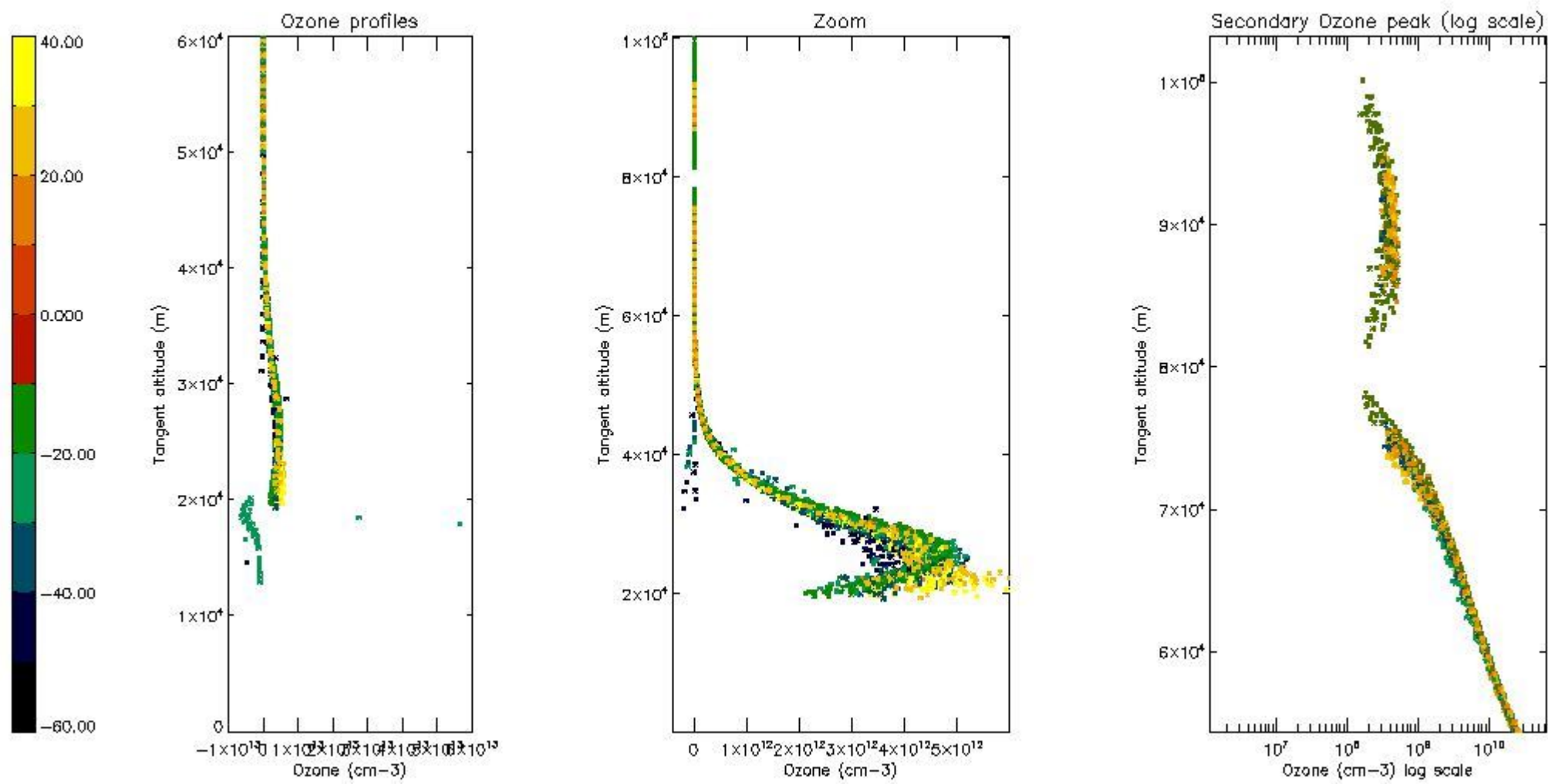
The colorbar represents the latitude.



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

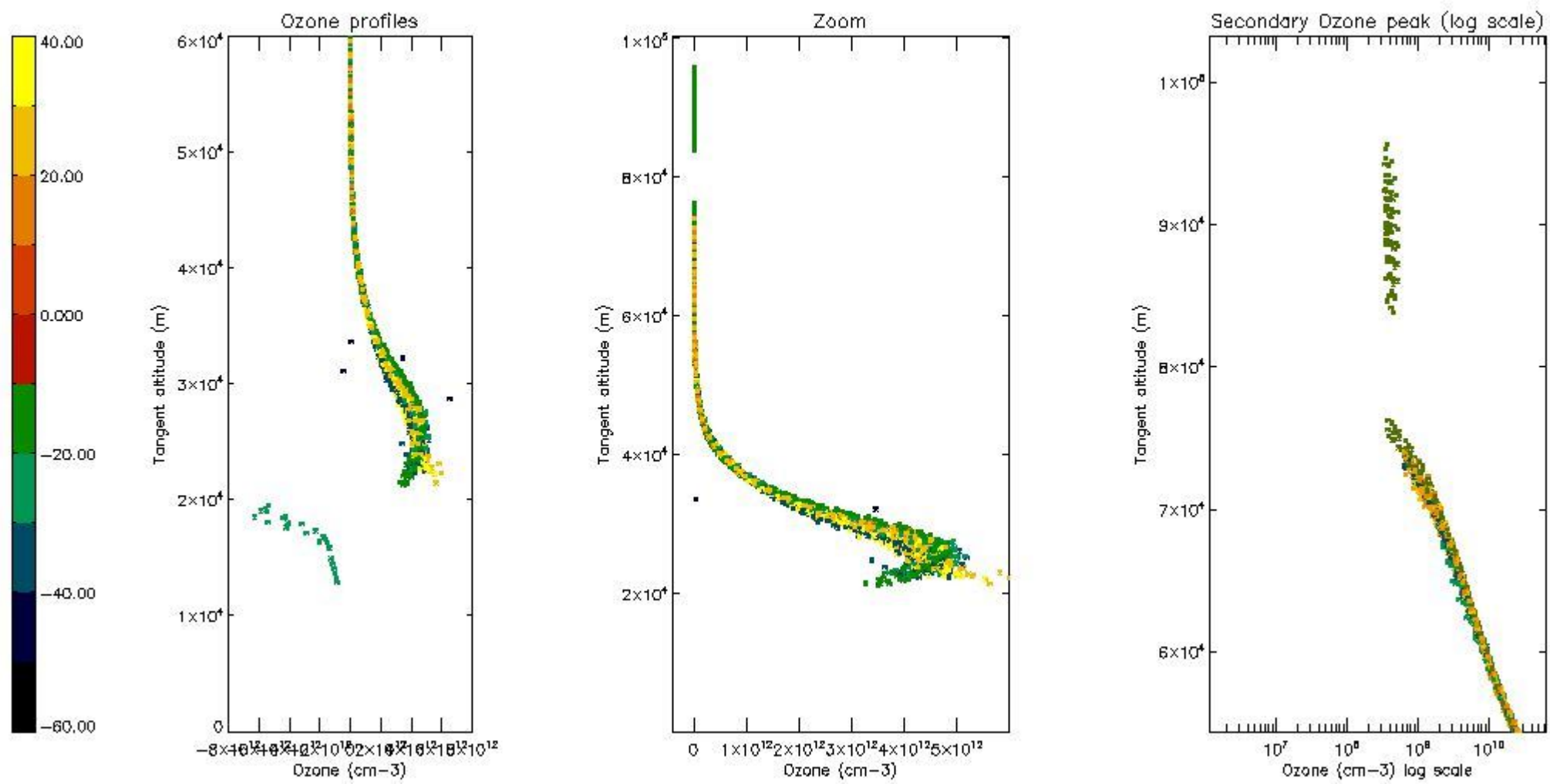
The colorbar represents the latitude.





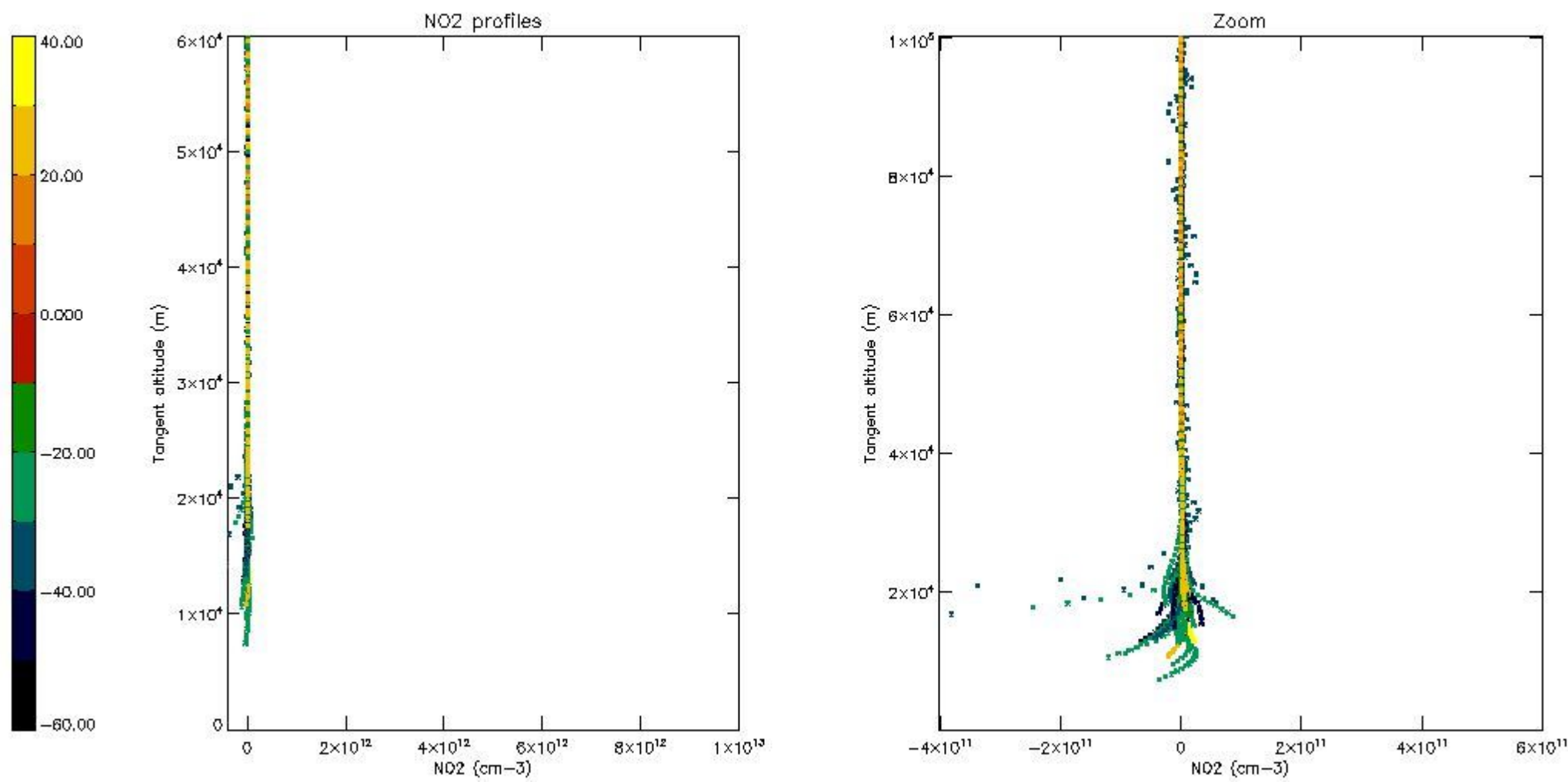
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

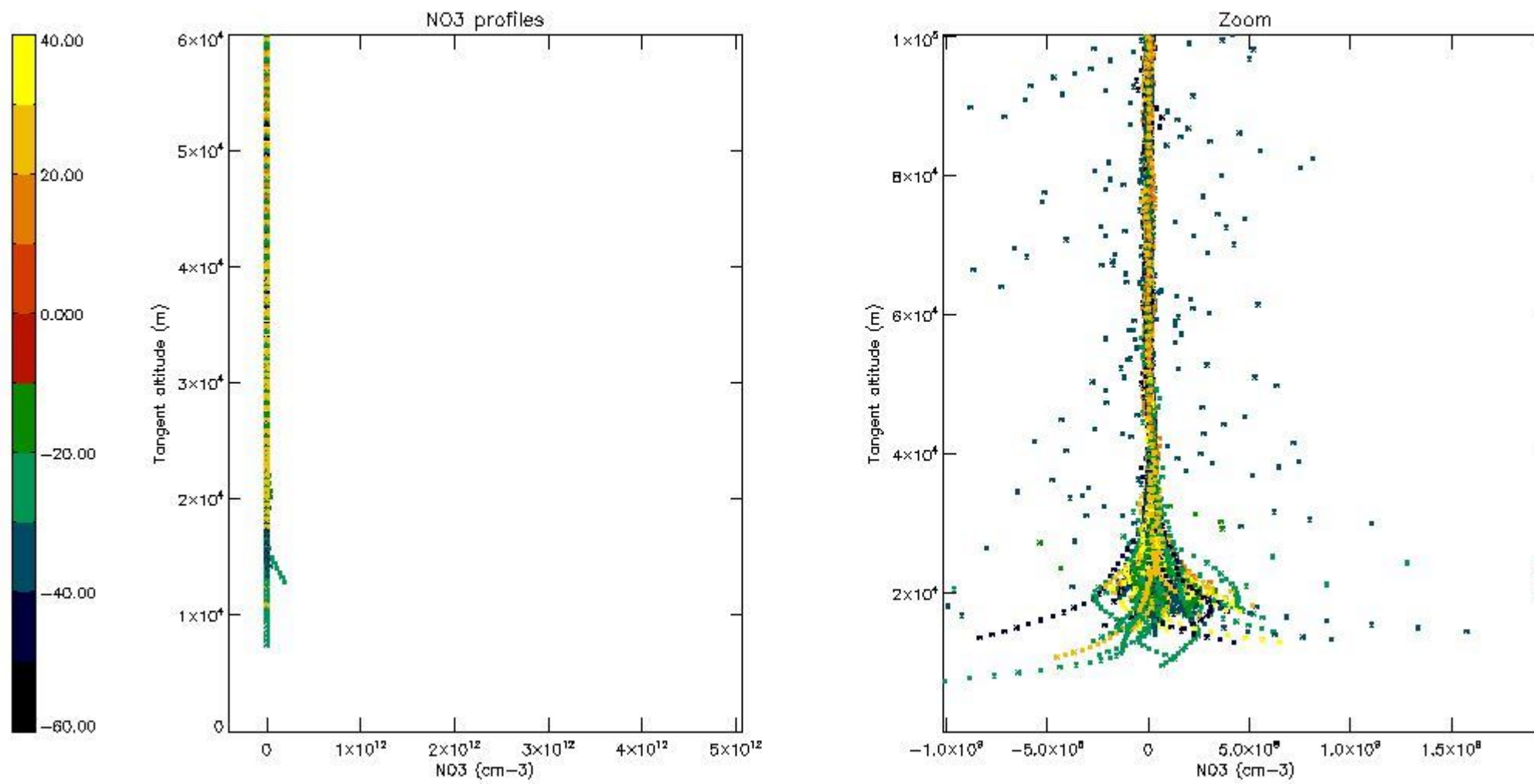
The colorbar represents the latitude.



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

The colorbar represents the latitude.

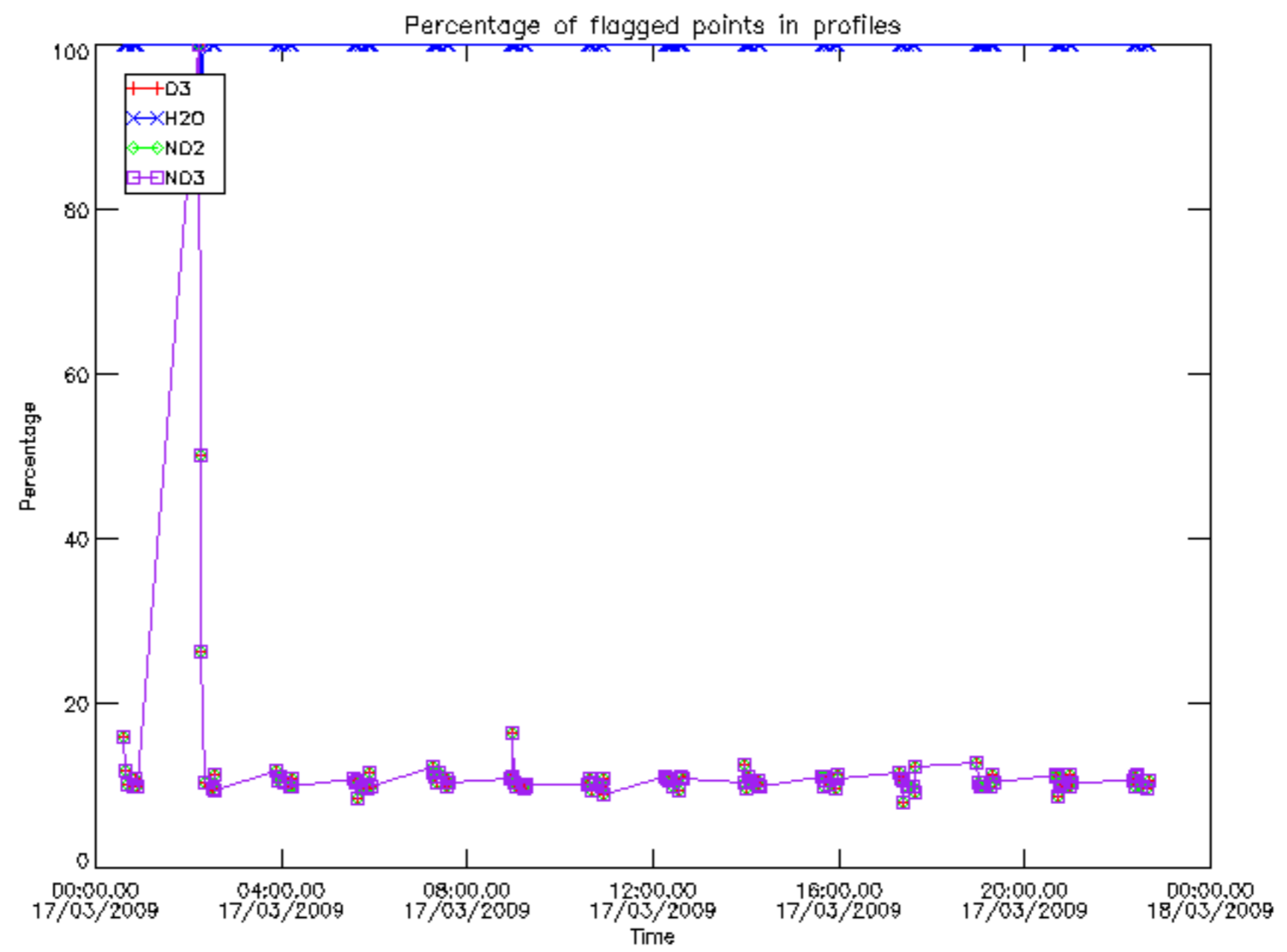




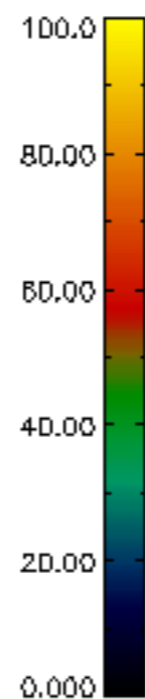
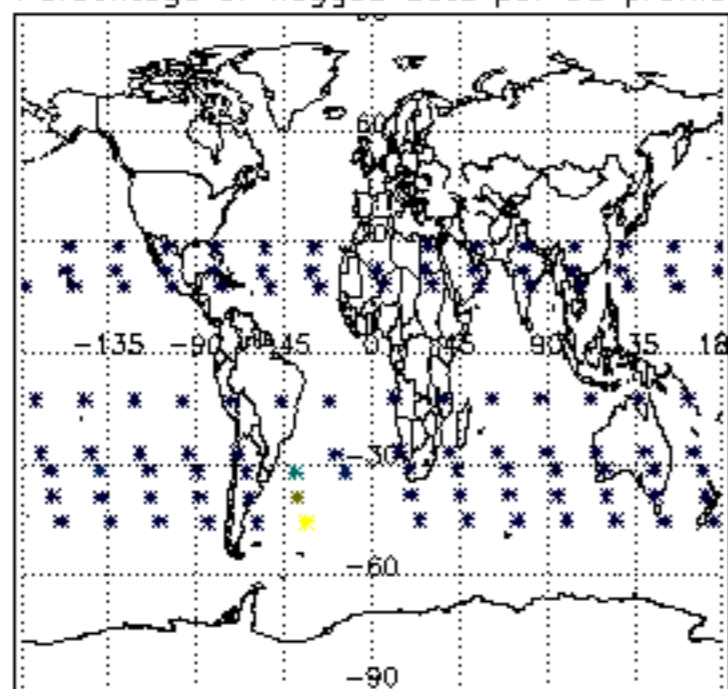
## 6. Auxiliary Data Files used for the production reported in section 2

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.

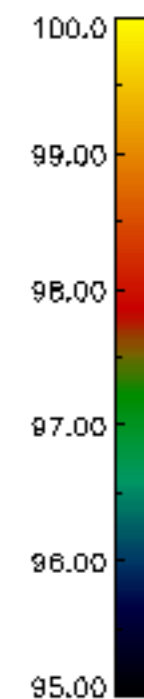
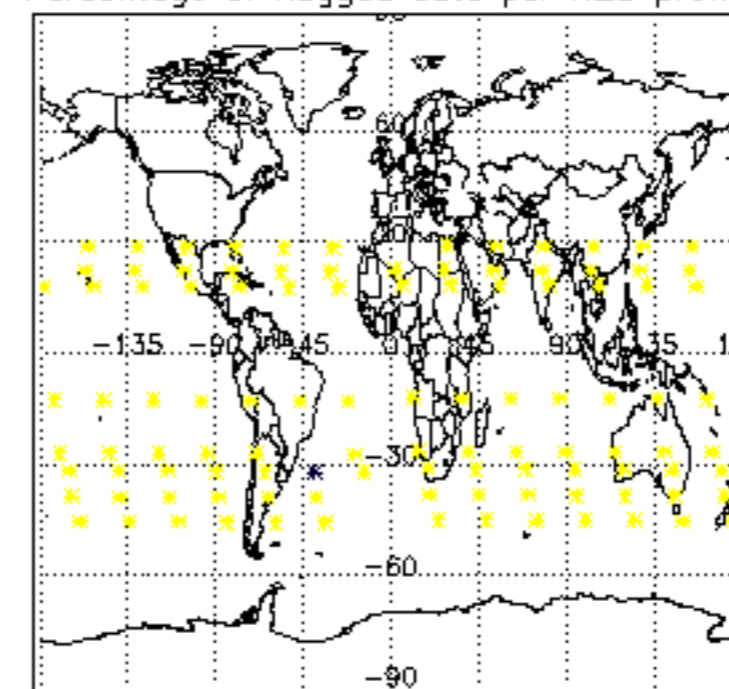
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-MAR-2009 00:00:42
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAR-2009 00:00:42
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAR-2009 00:00:42



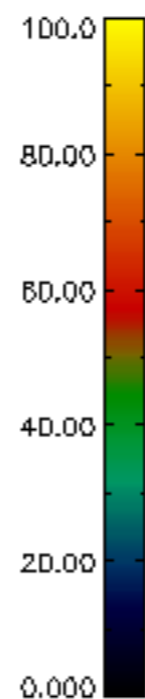
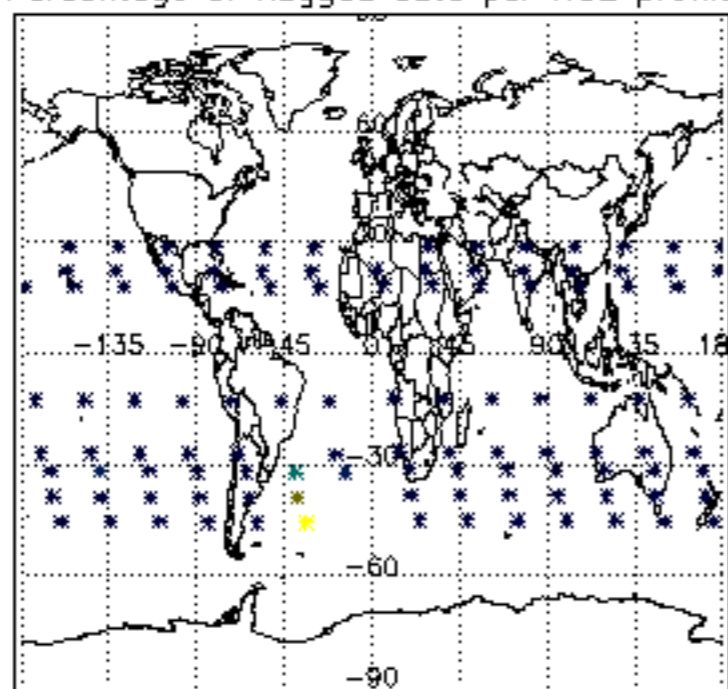
Percentage of flagged data per D3 profile



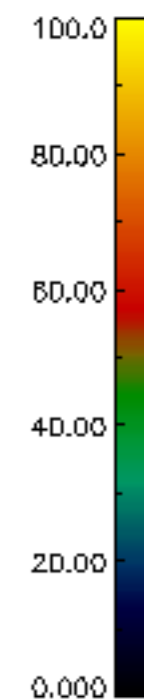
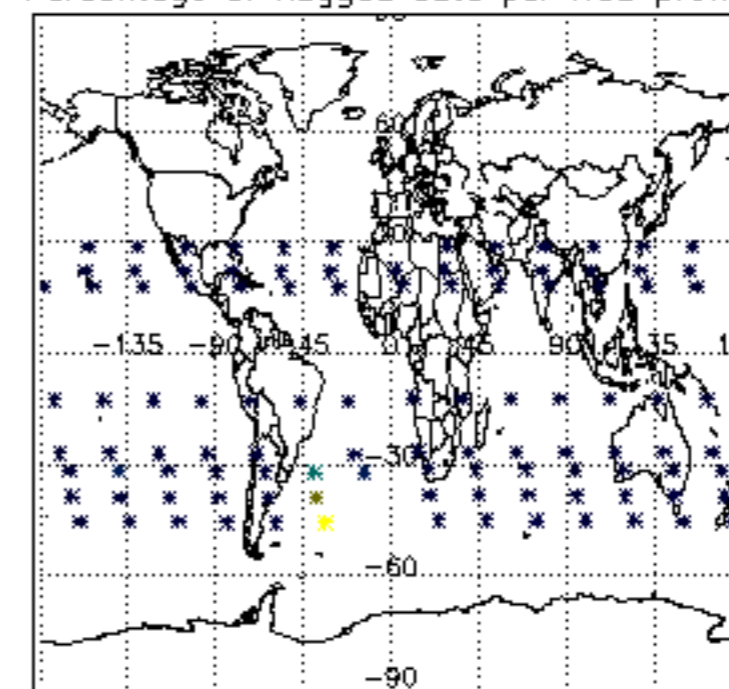
Percentage of flagged data per H2O profile



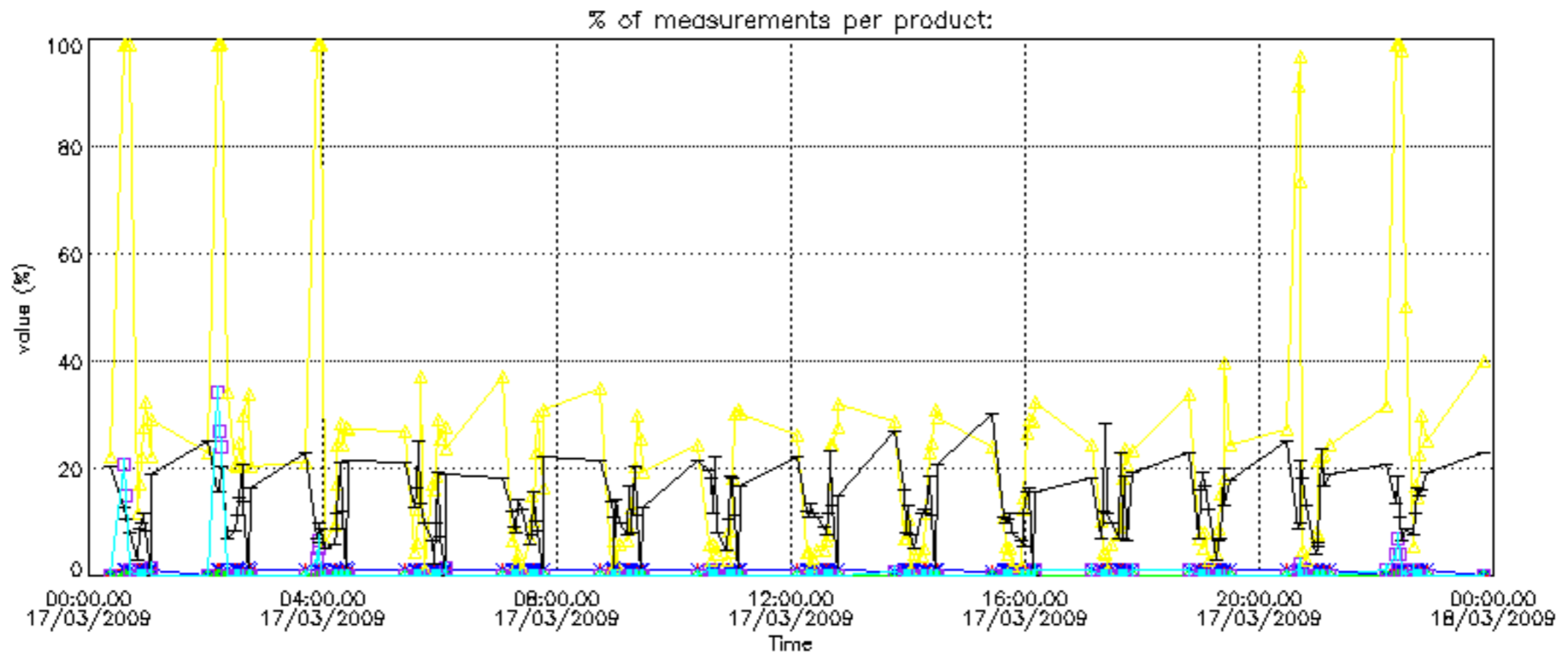
Percentage of flagged data per NO2 profile

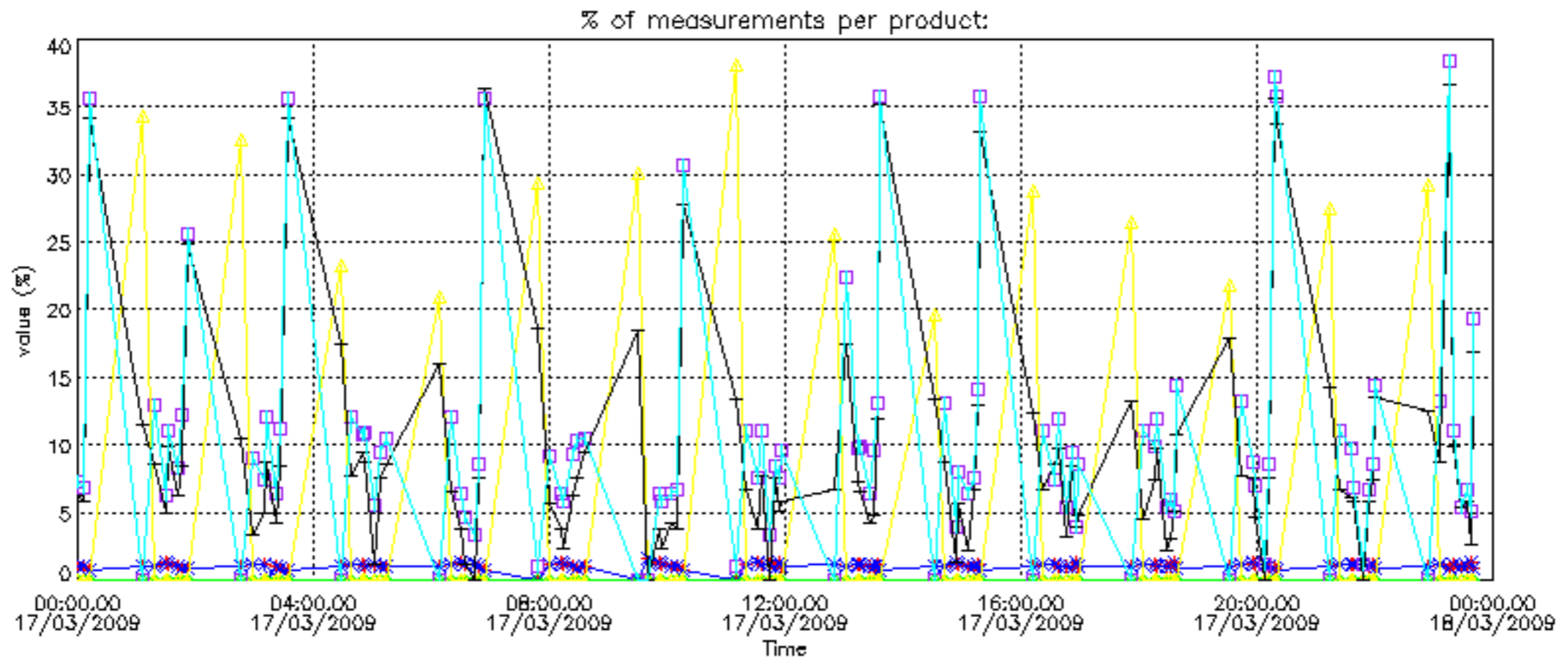


Percentage of flagged data per NO3 profile

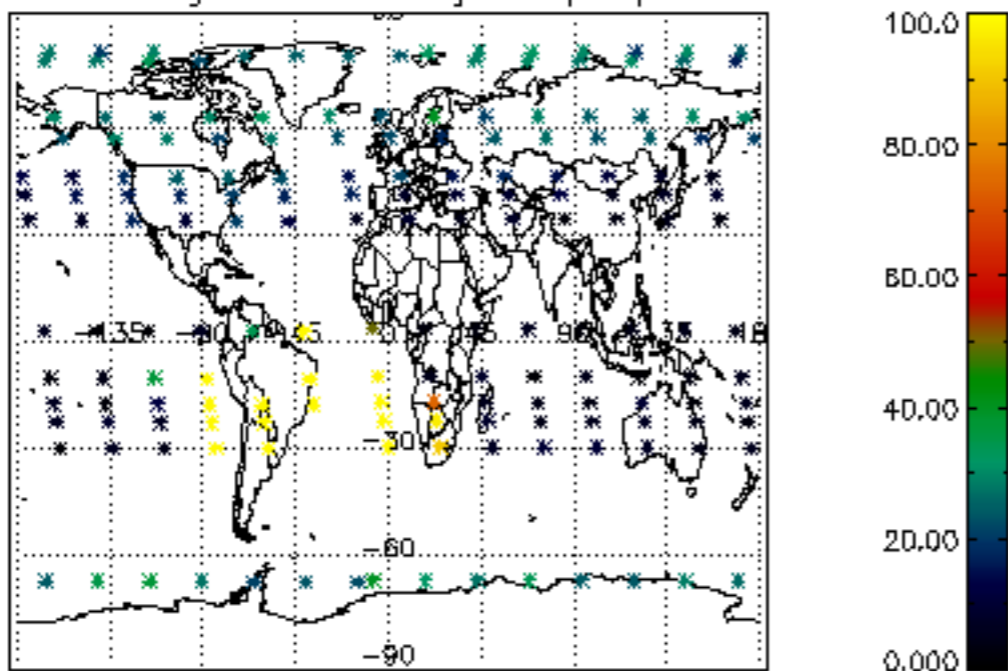




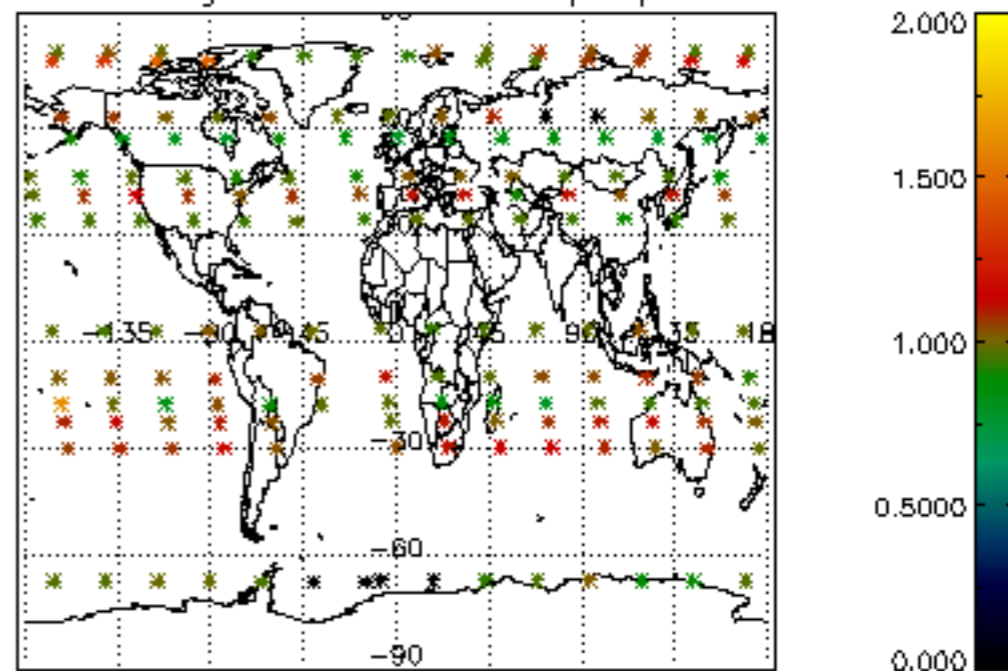




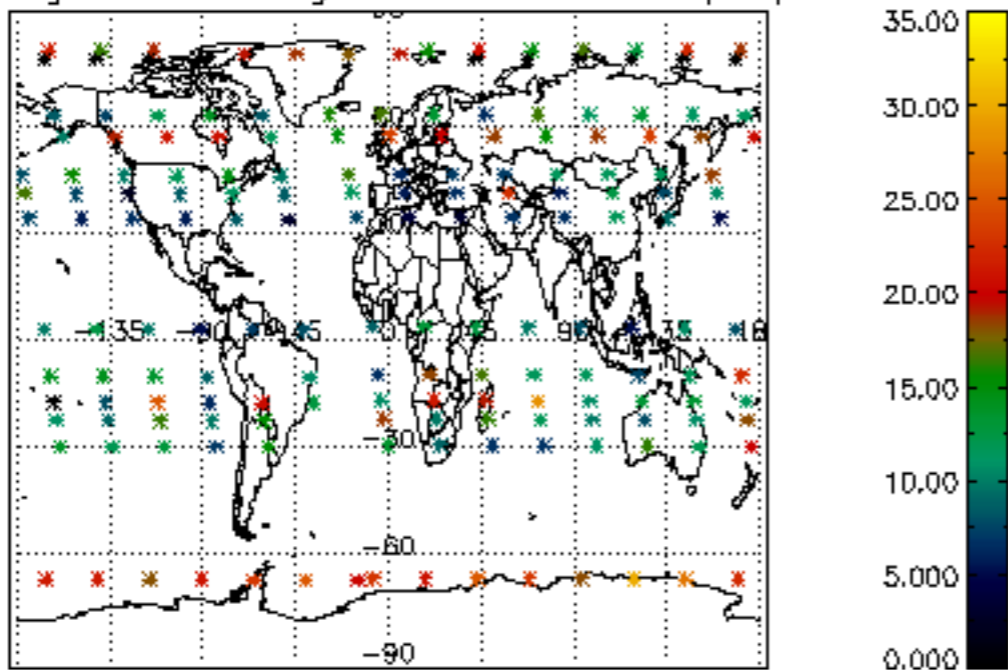
Percentage of cosmic ray hits per profile



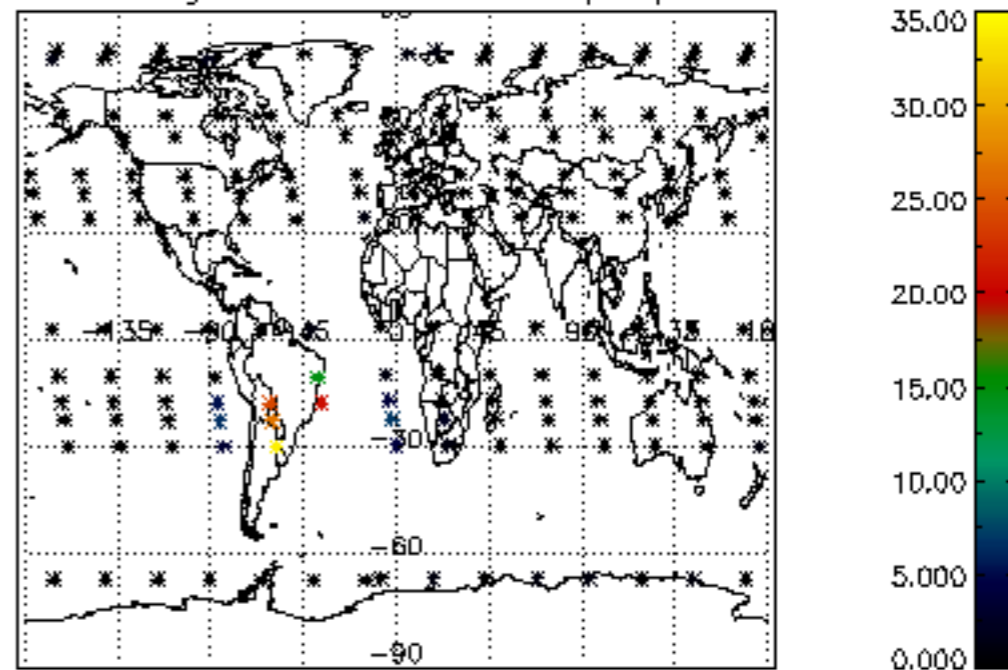
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

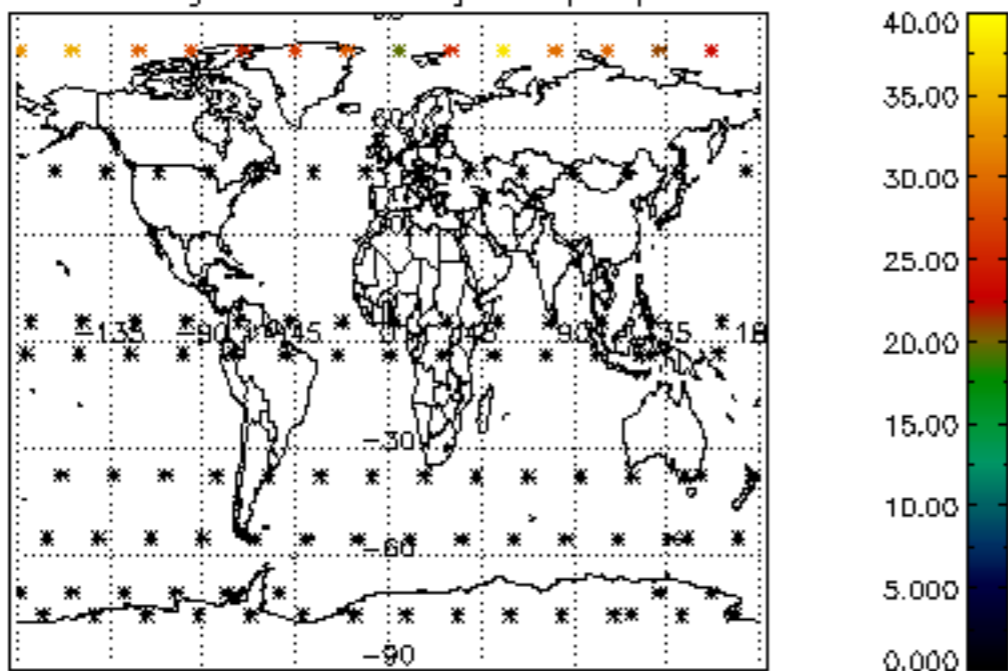


Percentage of saturation errors per profile

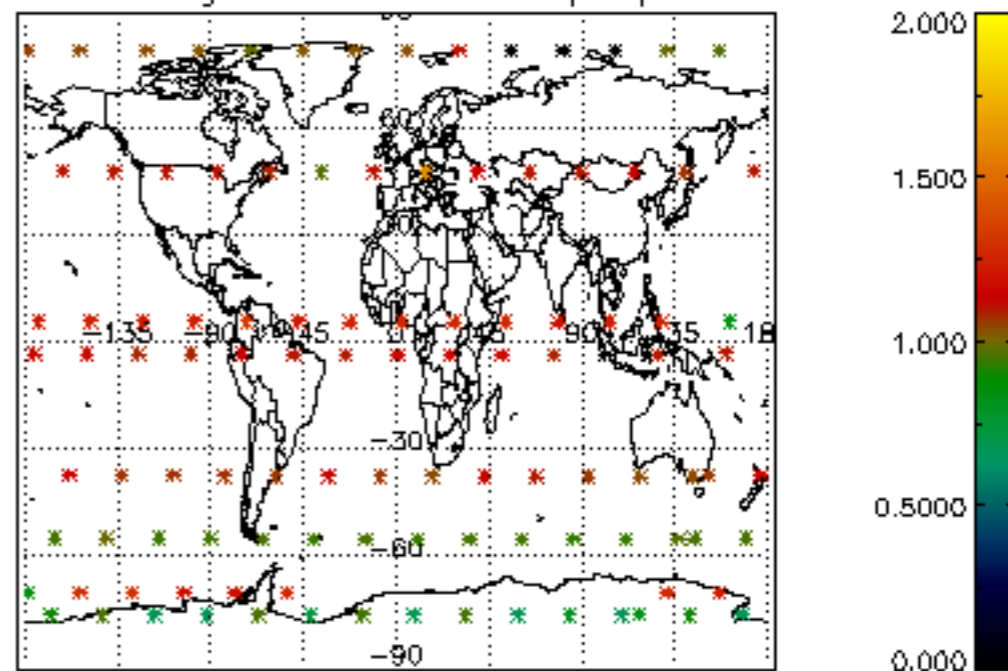




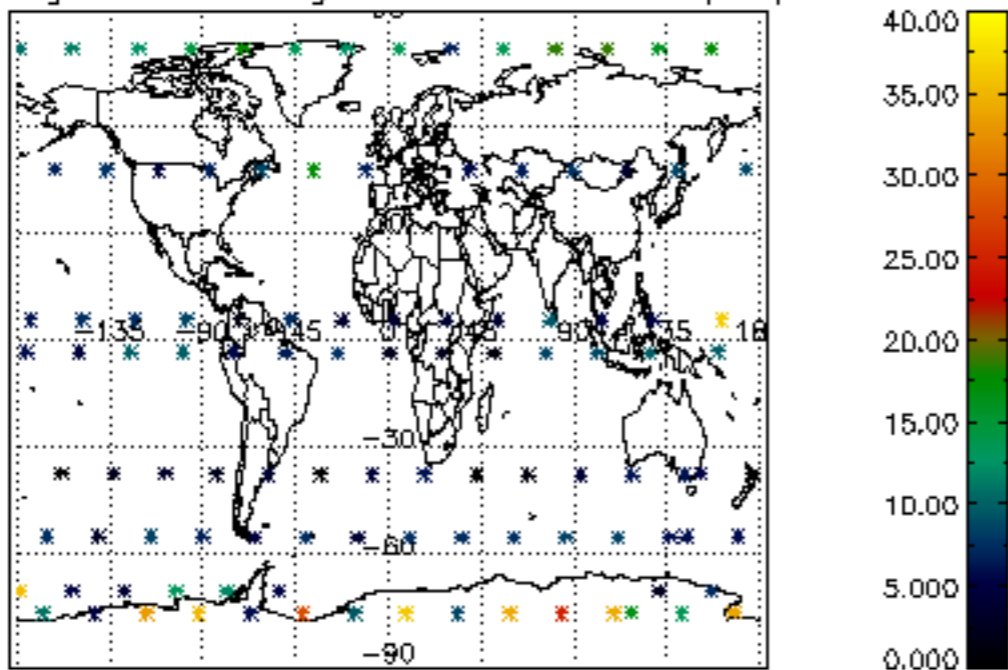
Percentage of cosmic ray hits per profile



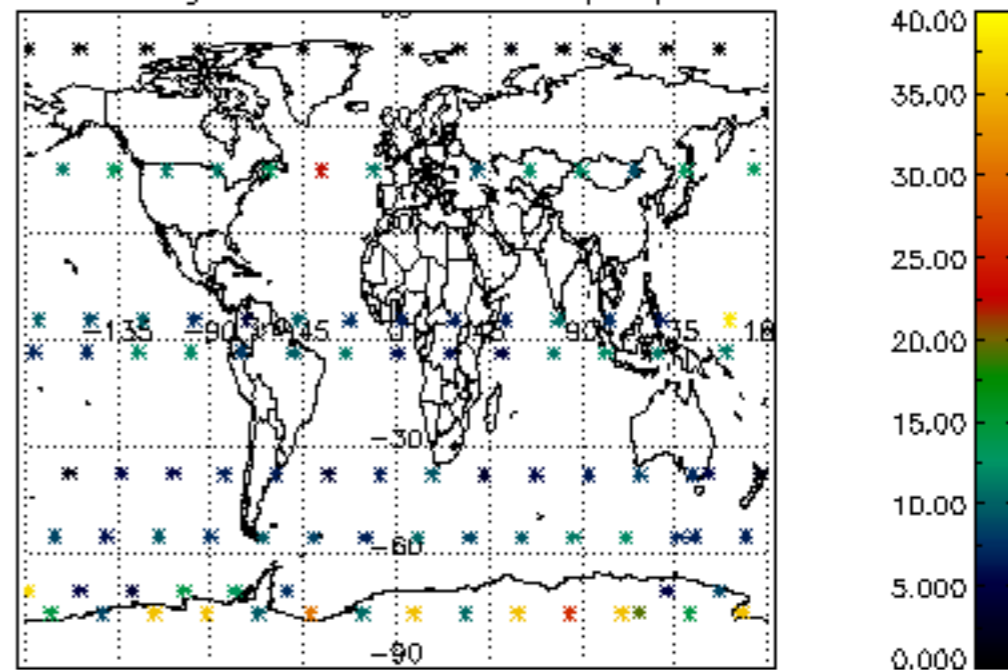
Percentage of datation errors per profile

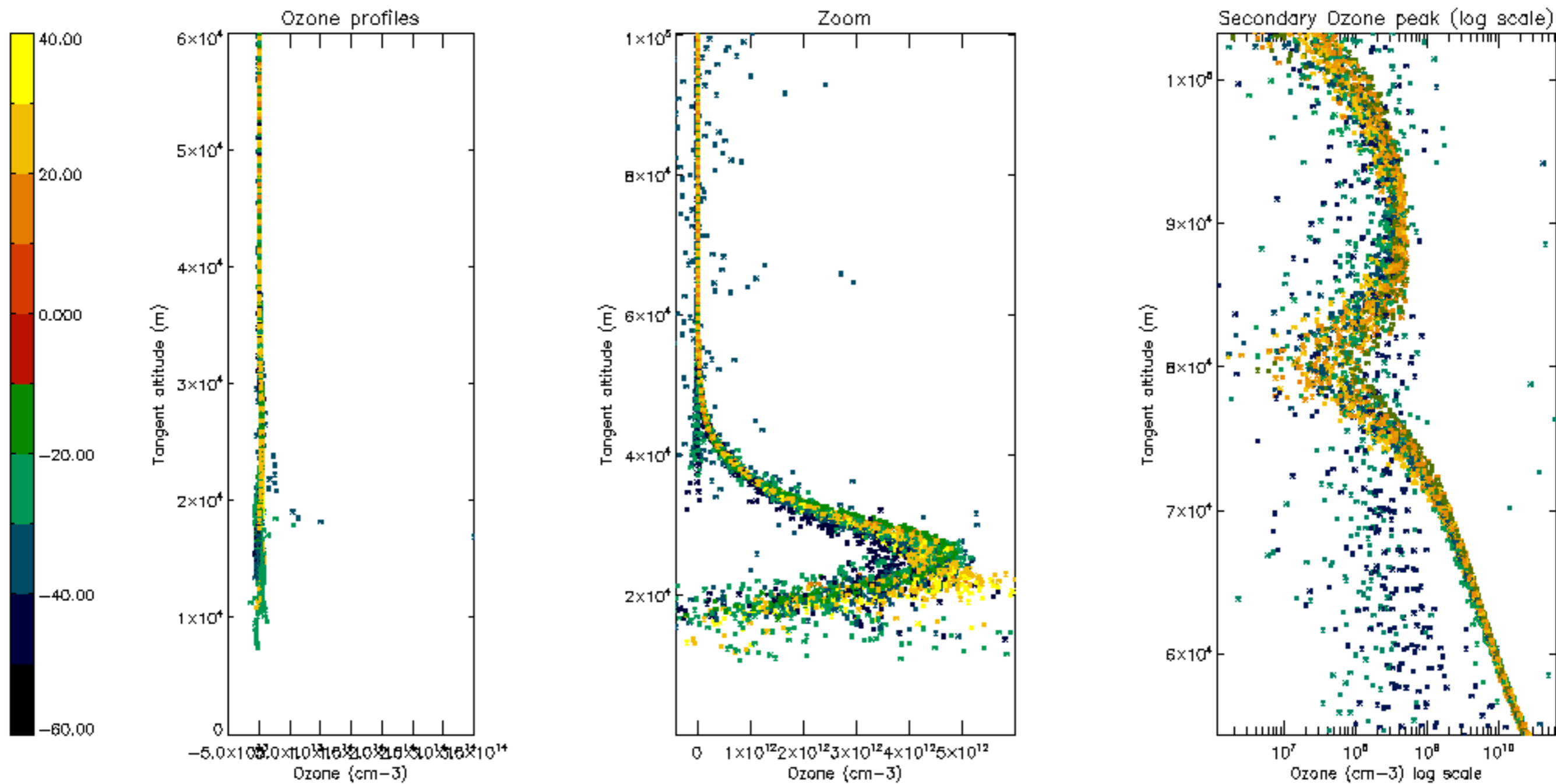


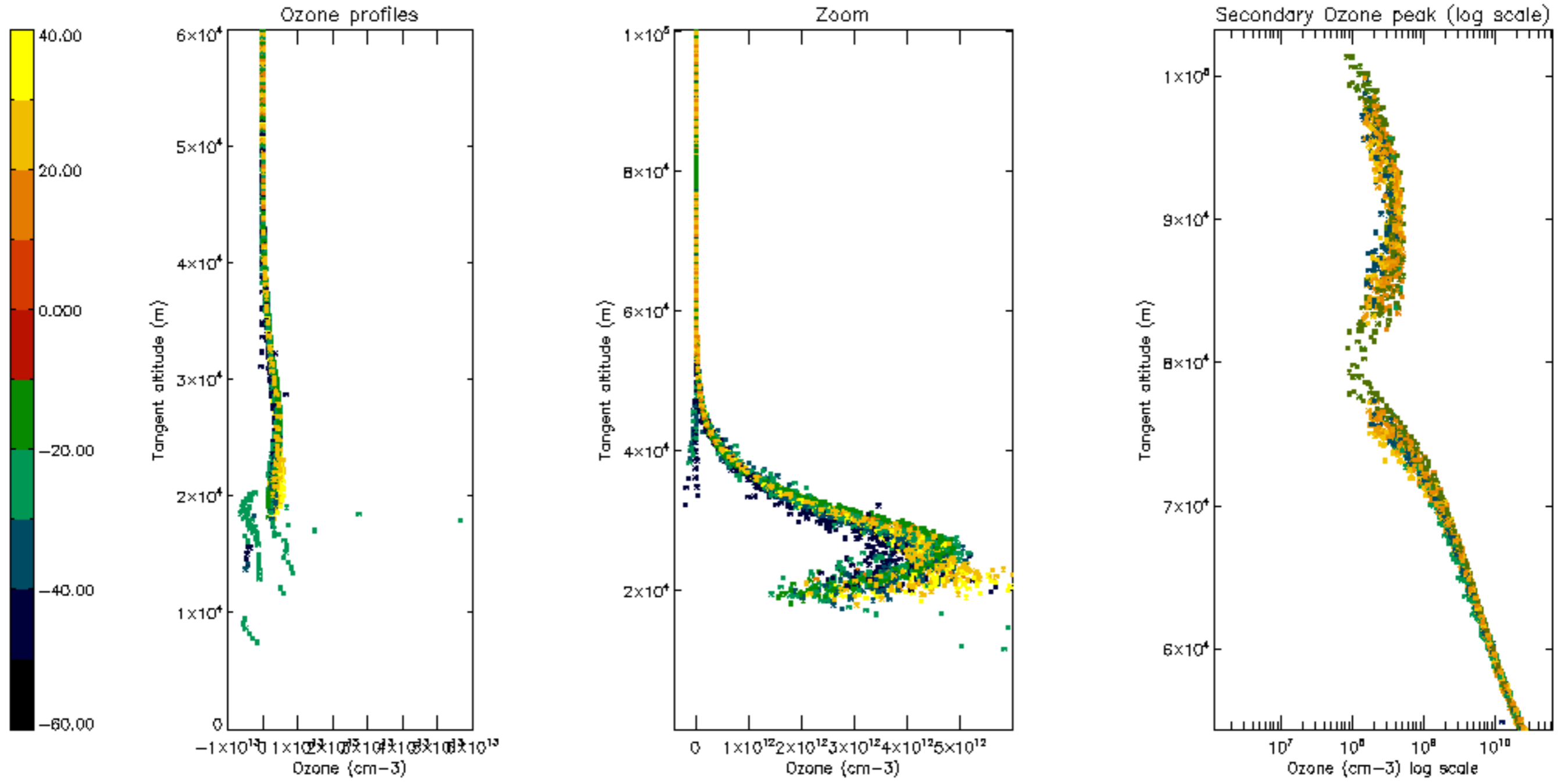
Percentage of star falling outside central band per profile



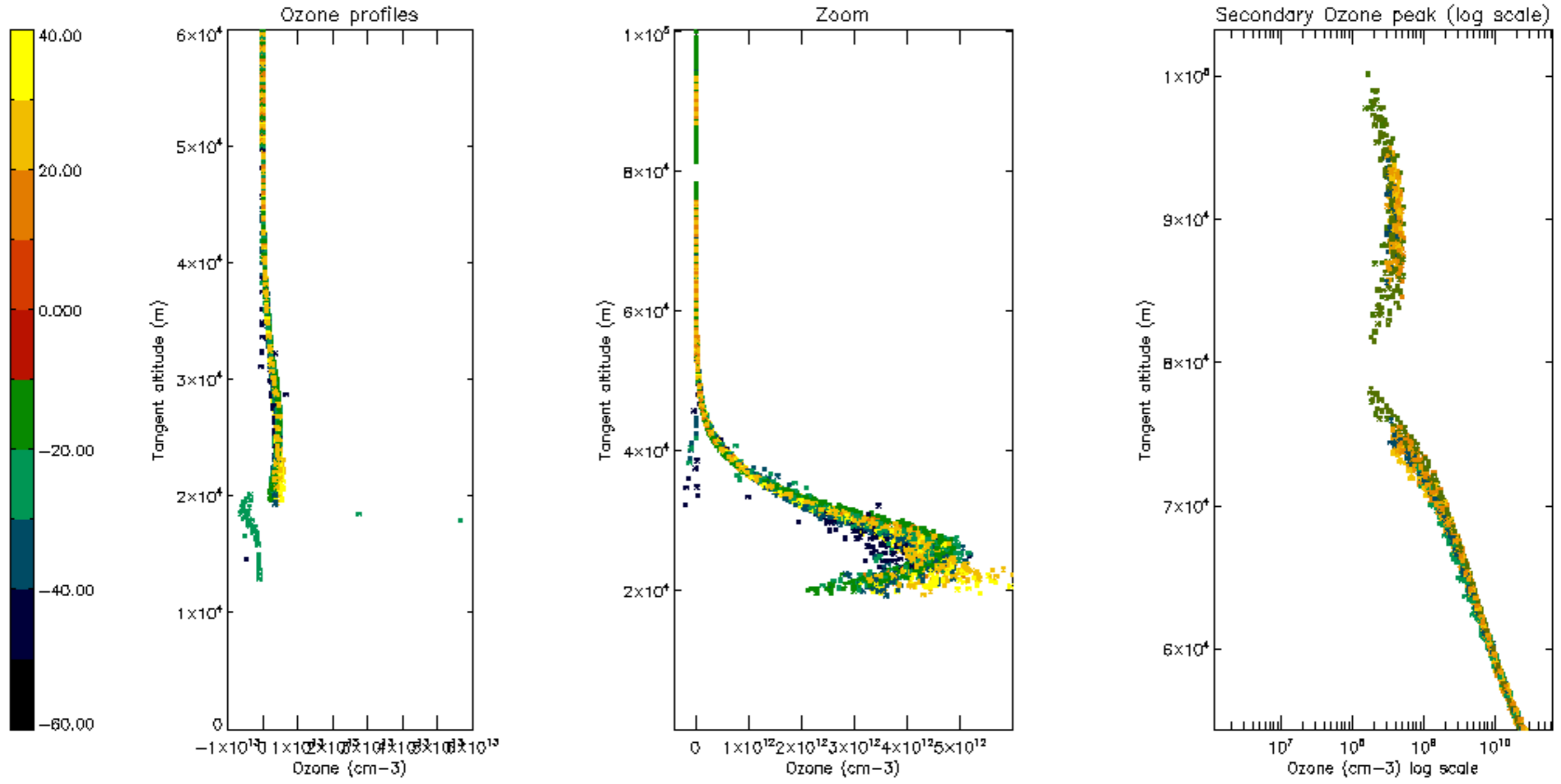
Percentage of saturation errors per profile

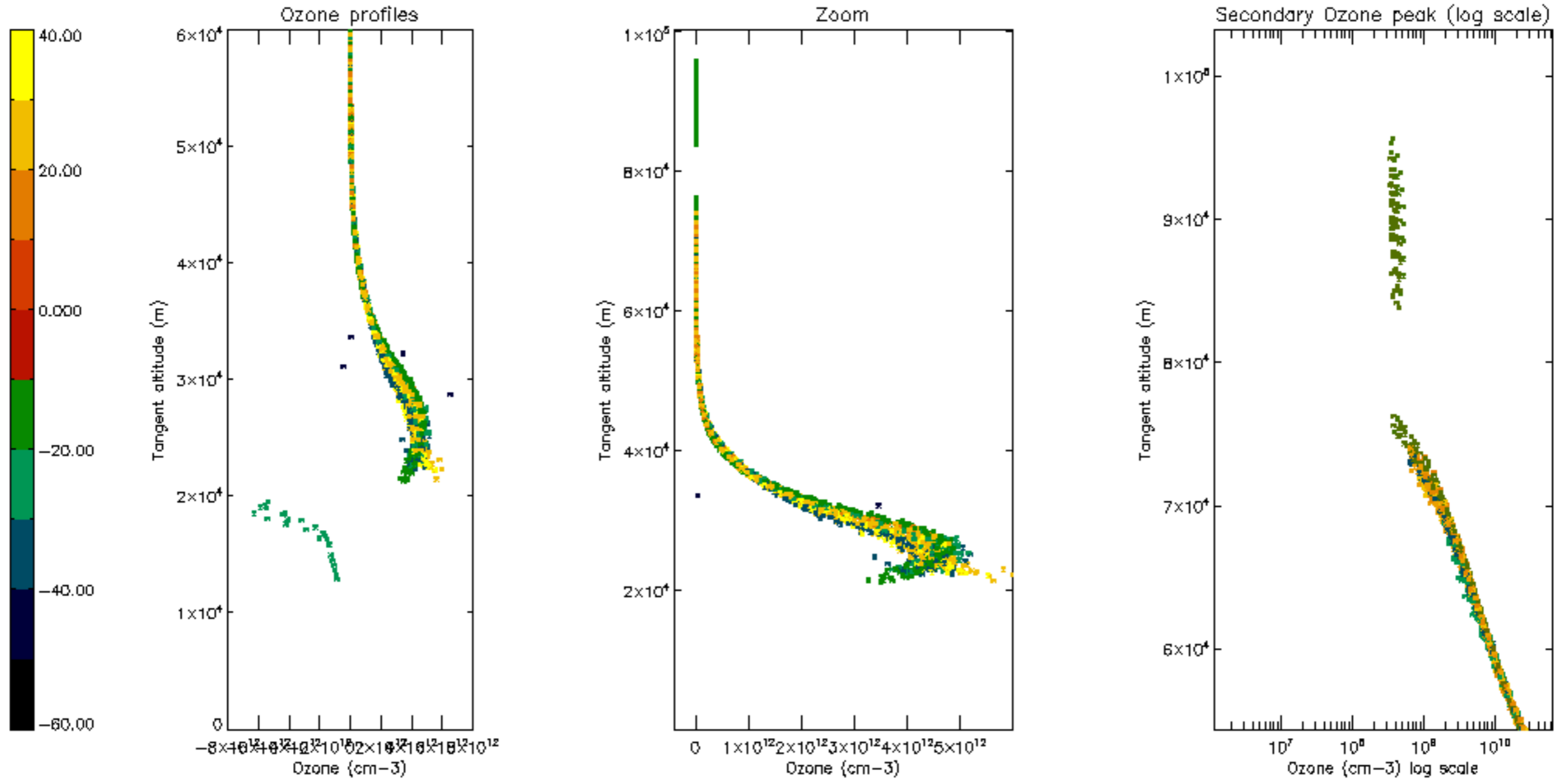


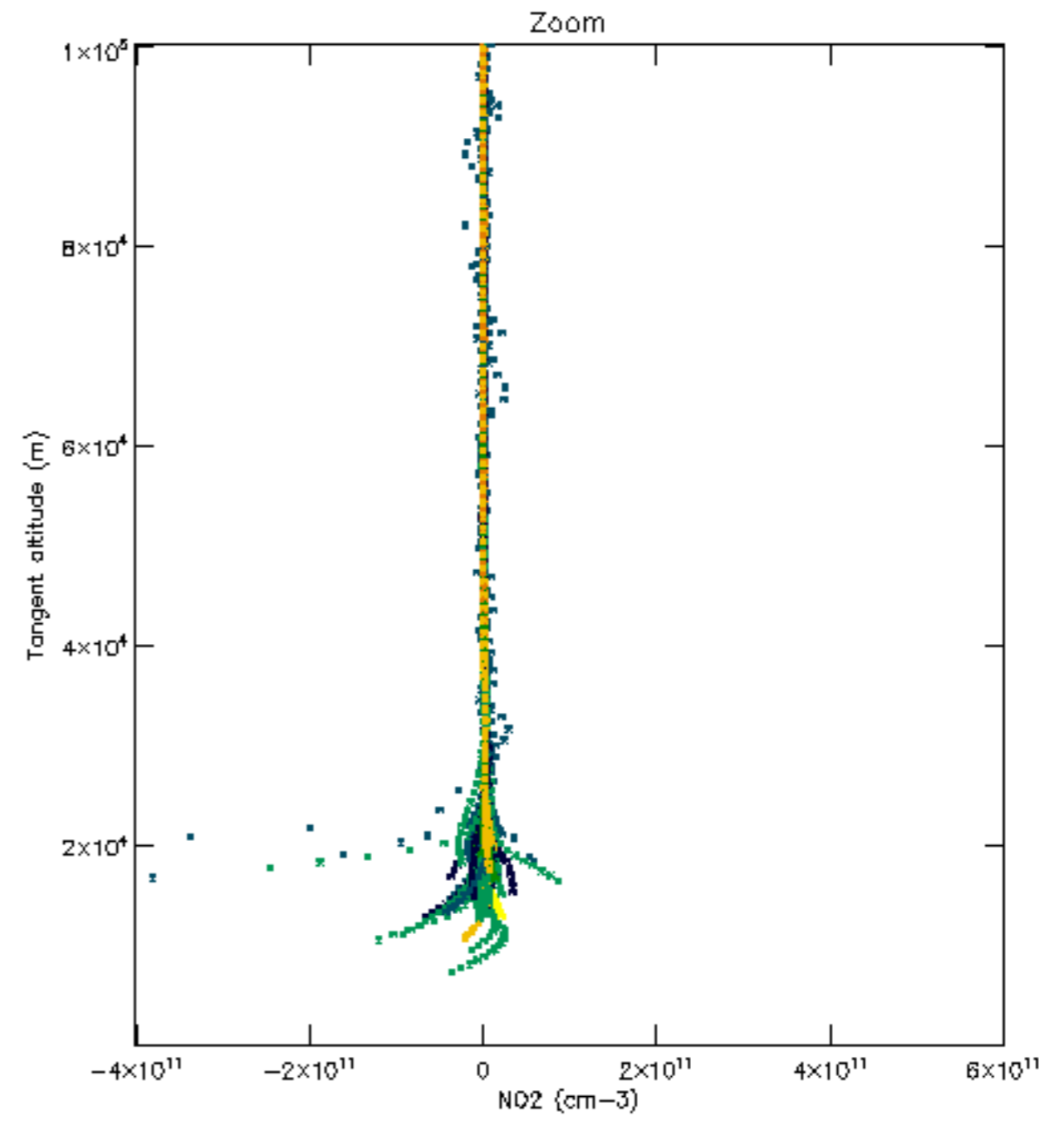
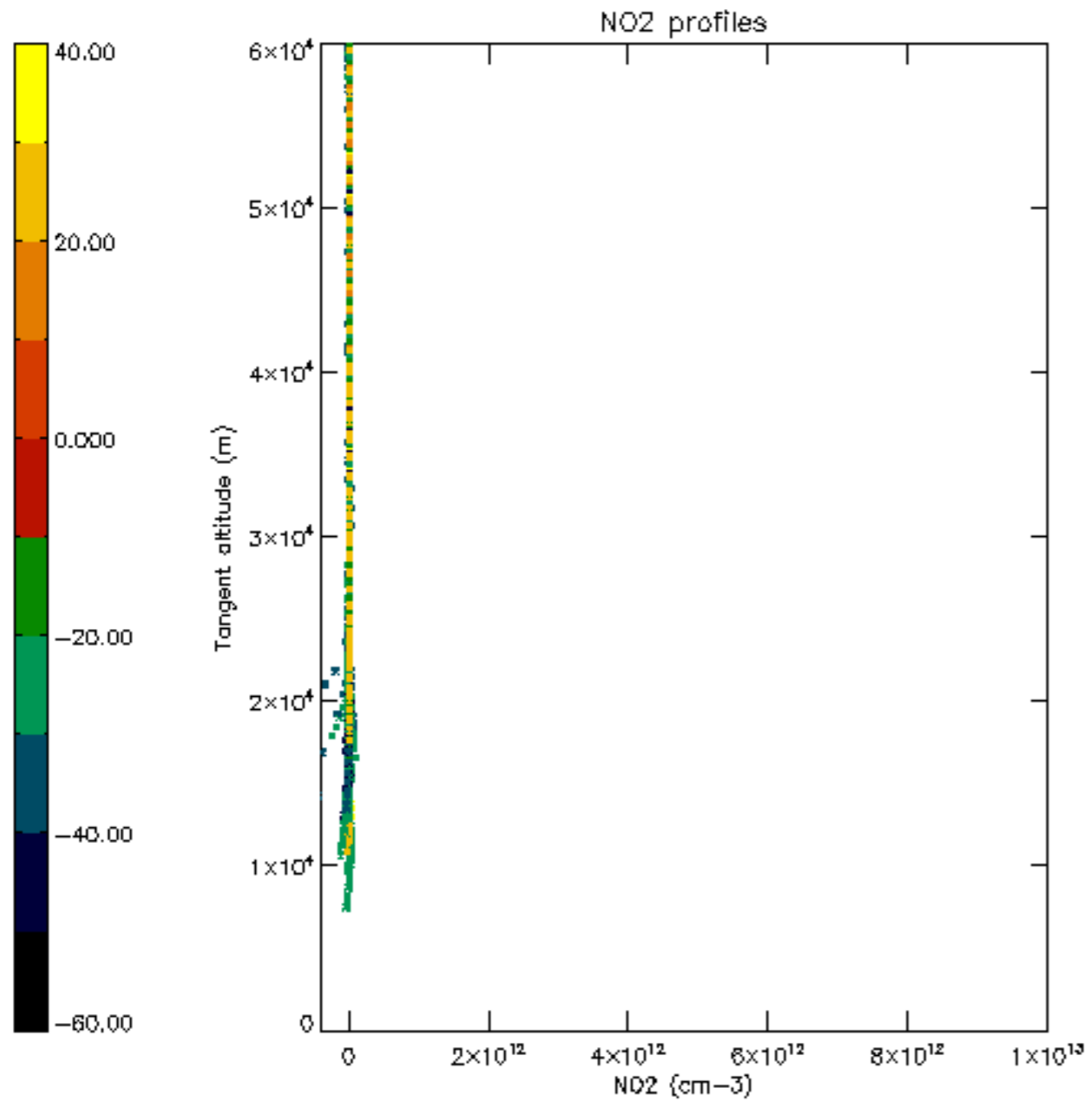




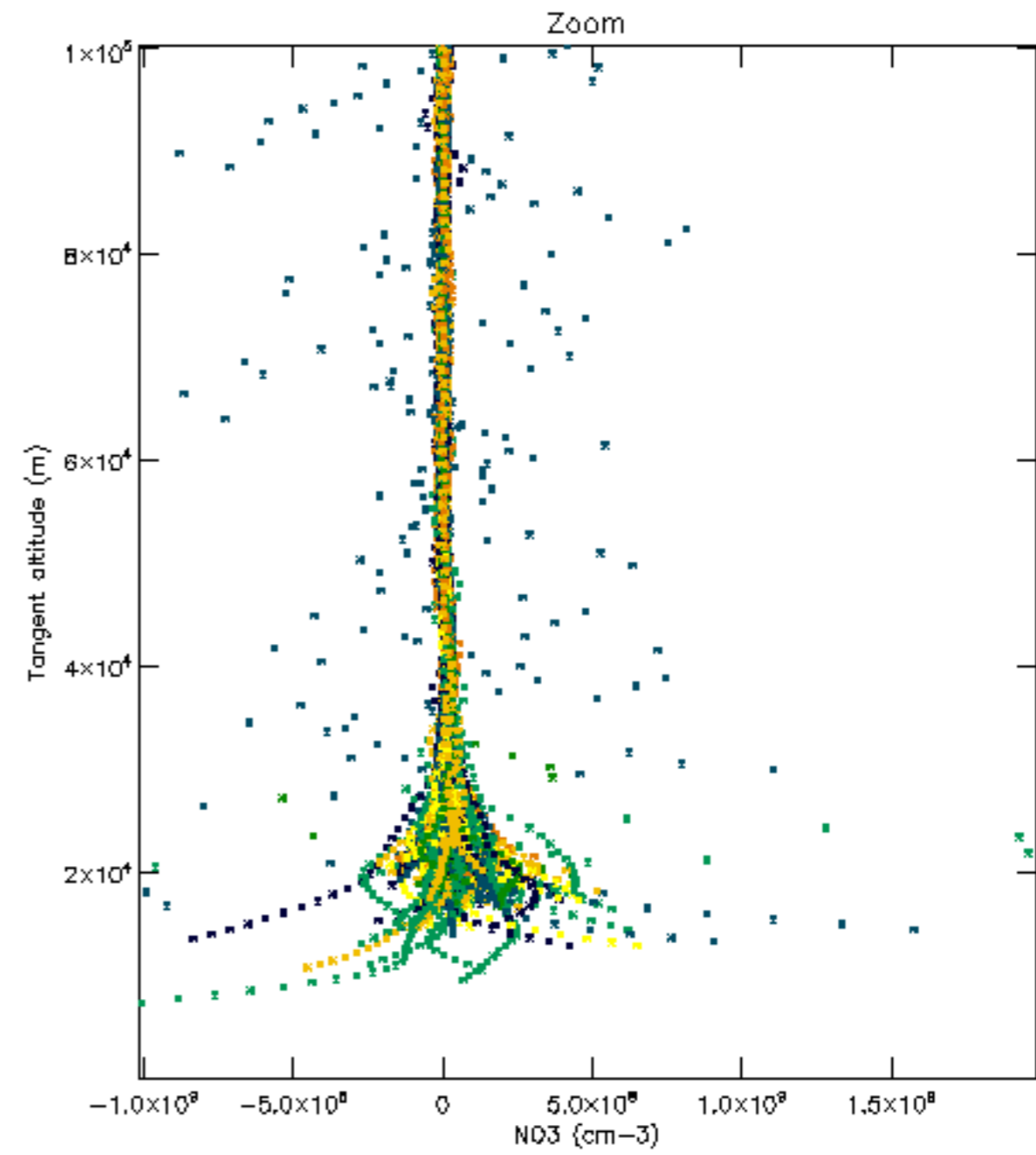
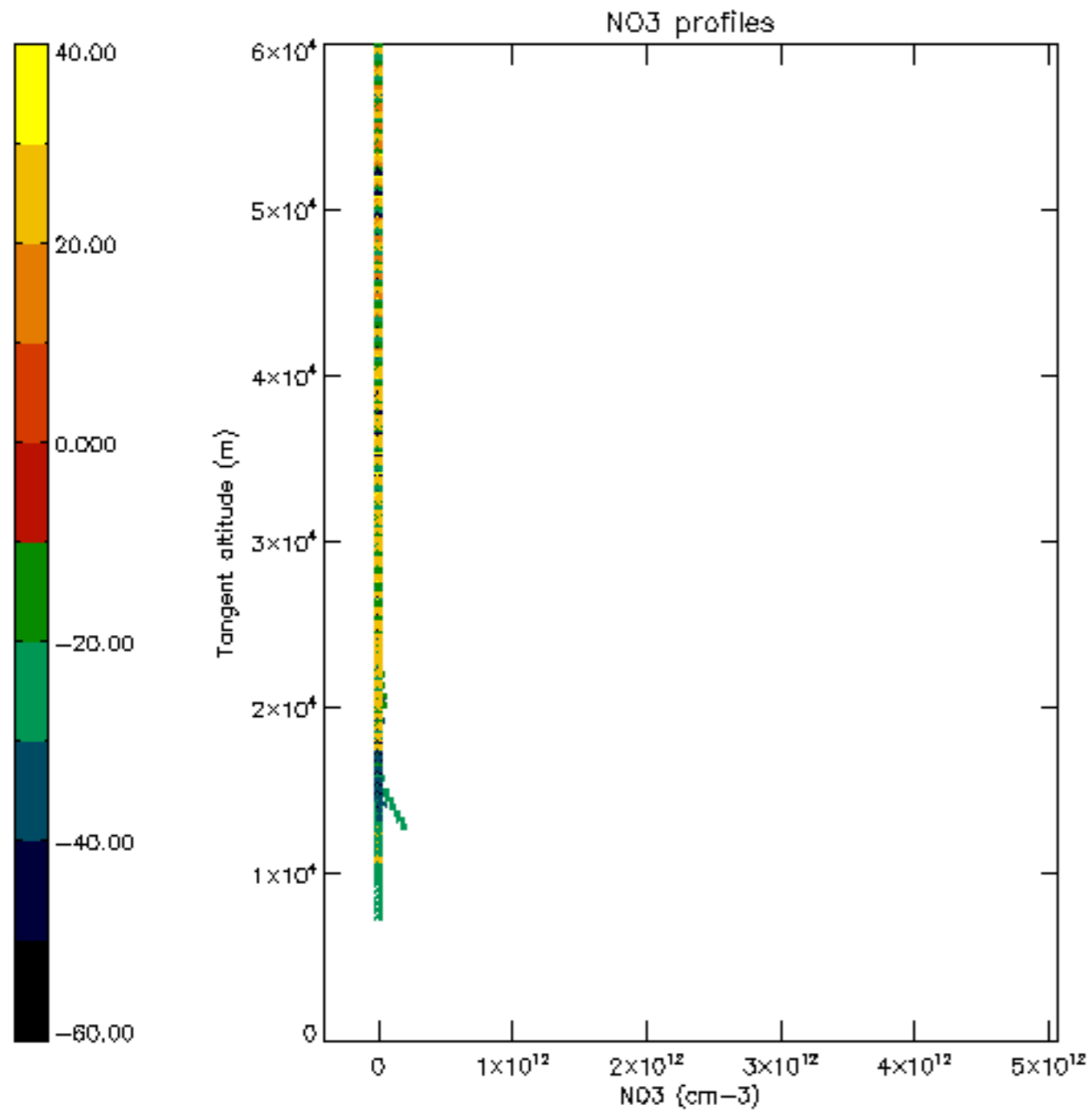


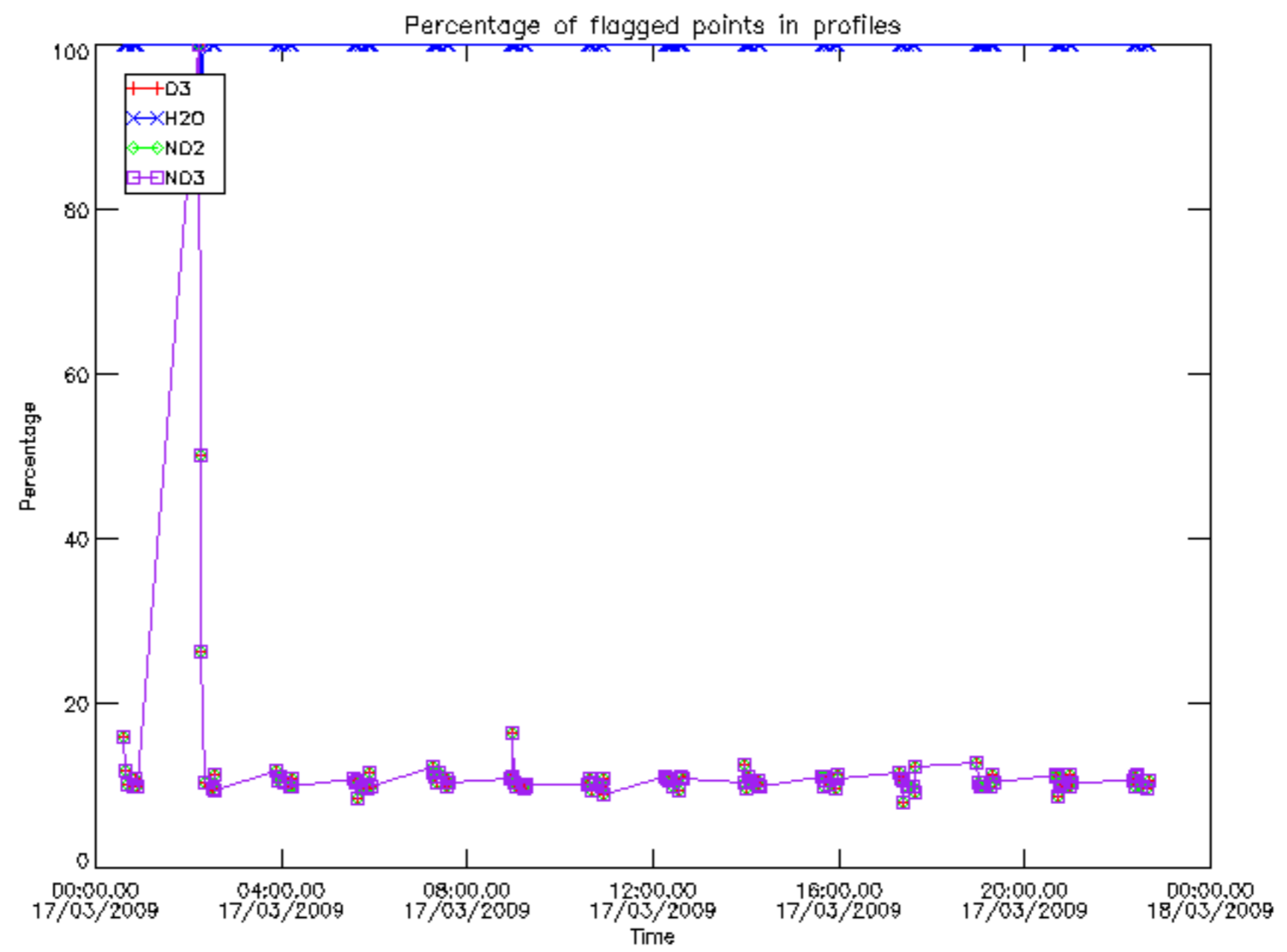




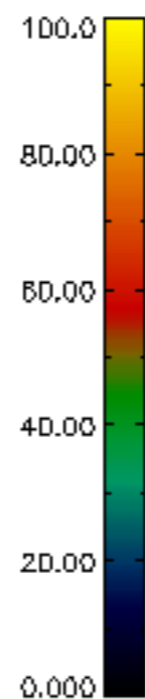
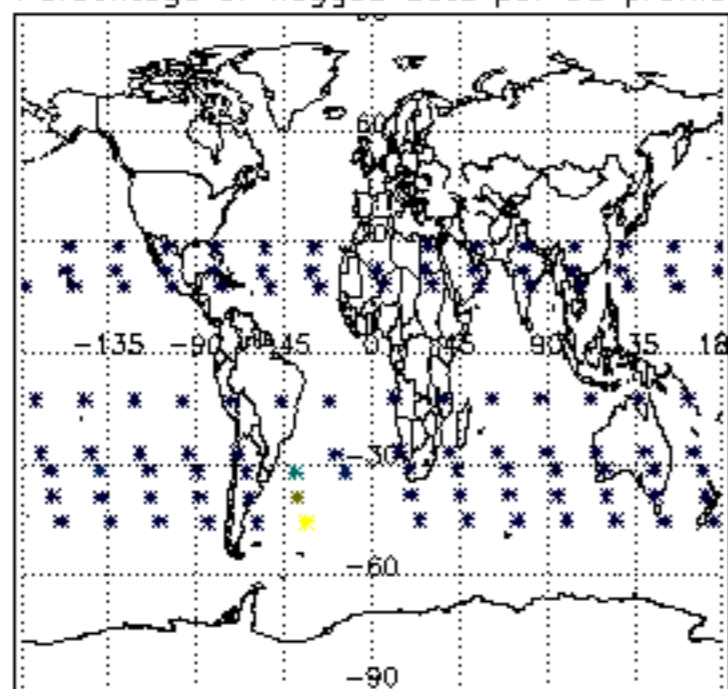




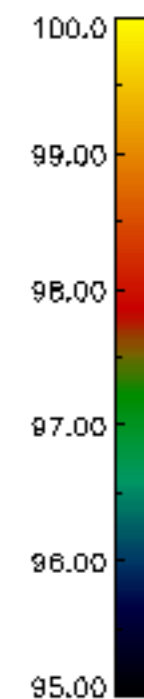
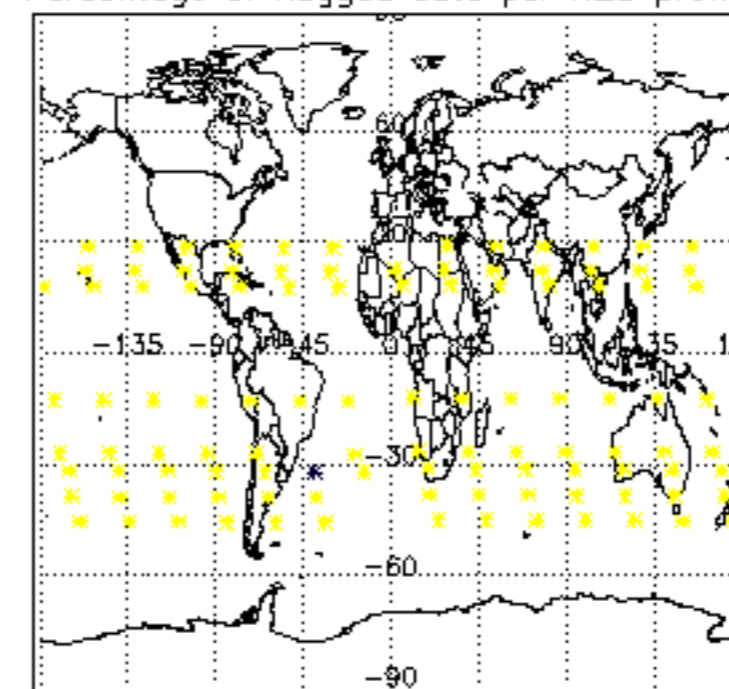




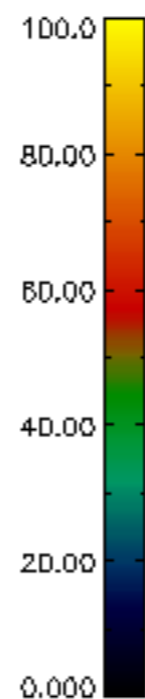
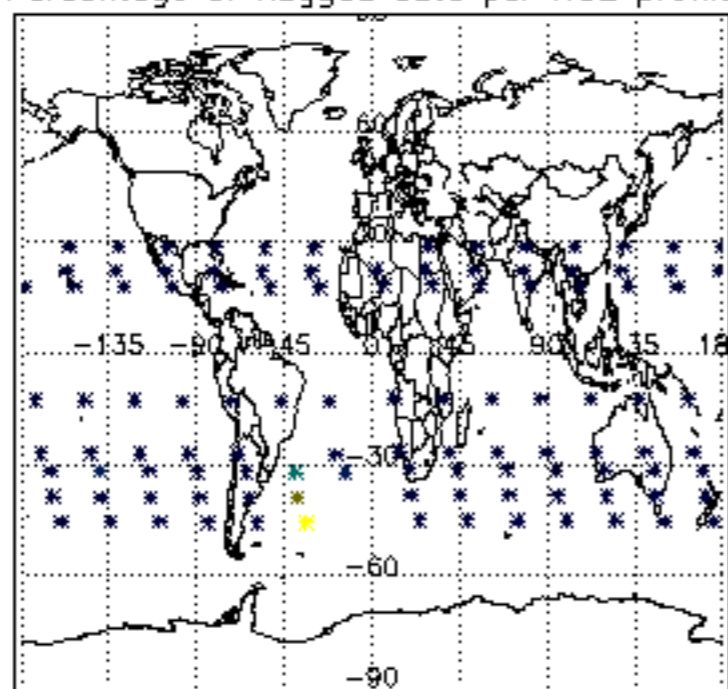
Percentage of flagged data per D3 profile



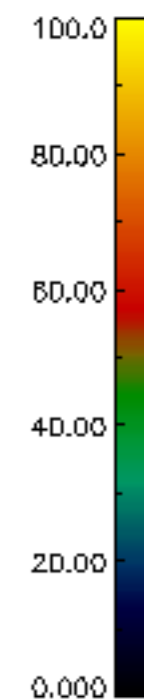
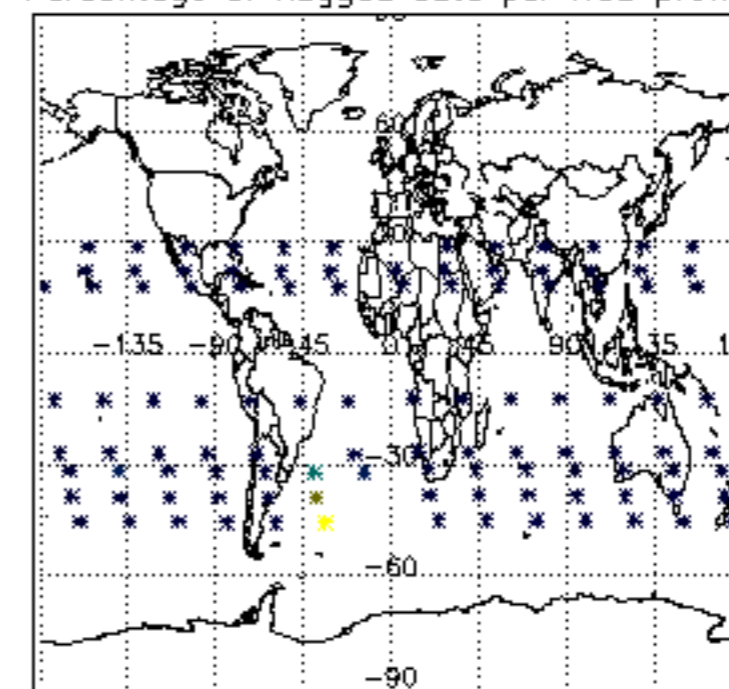
Percentage of flagged data per H2O profile



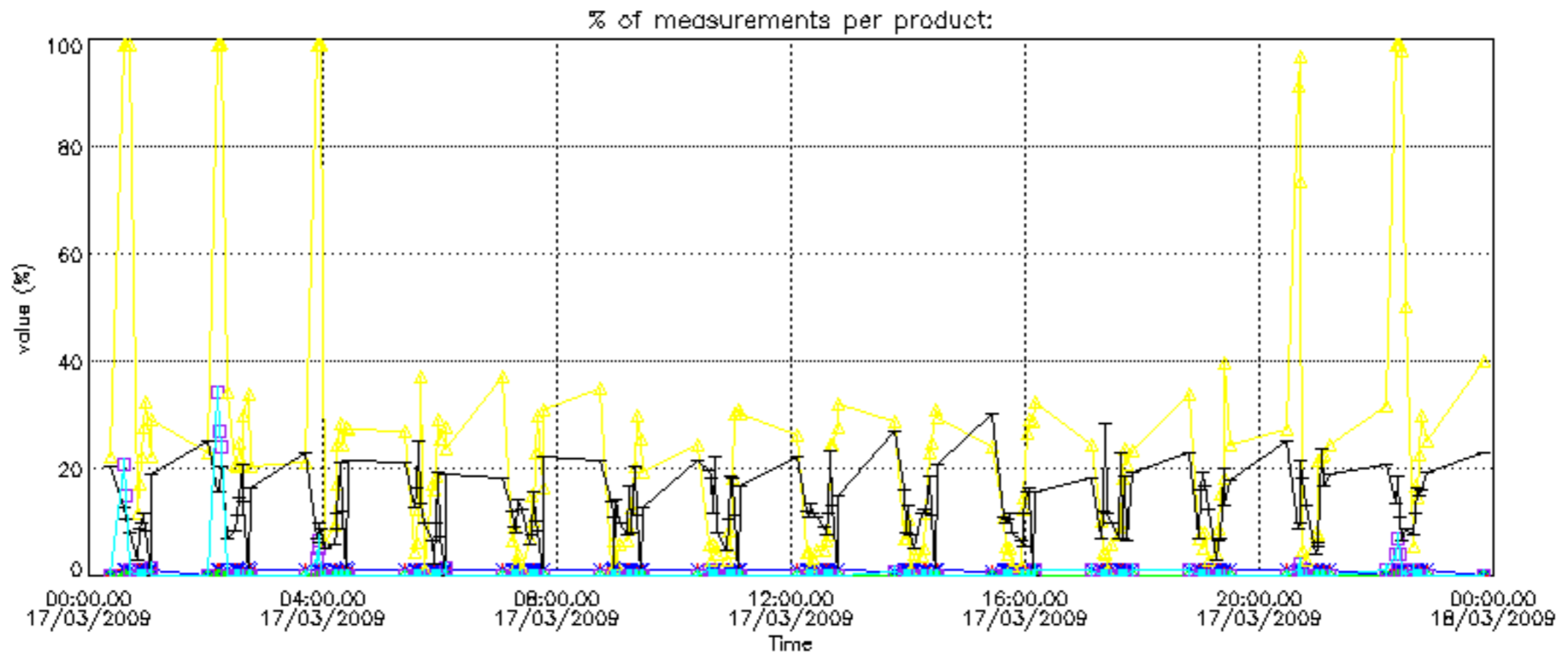
Percentage of flagged data per NO2 profile

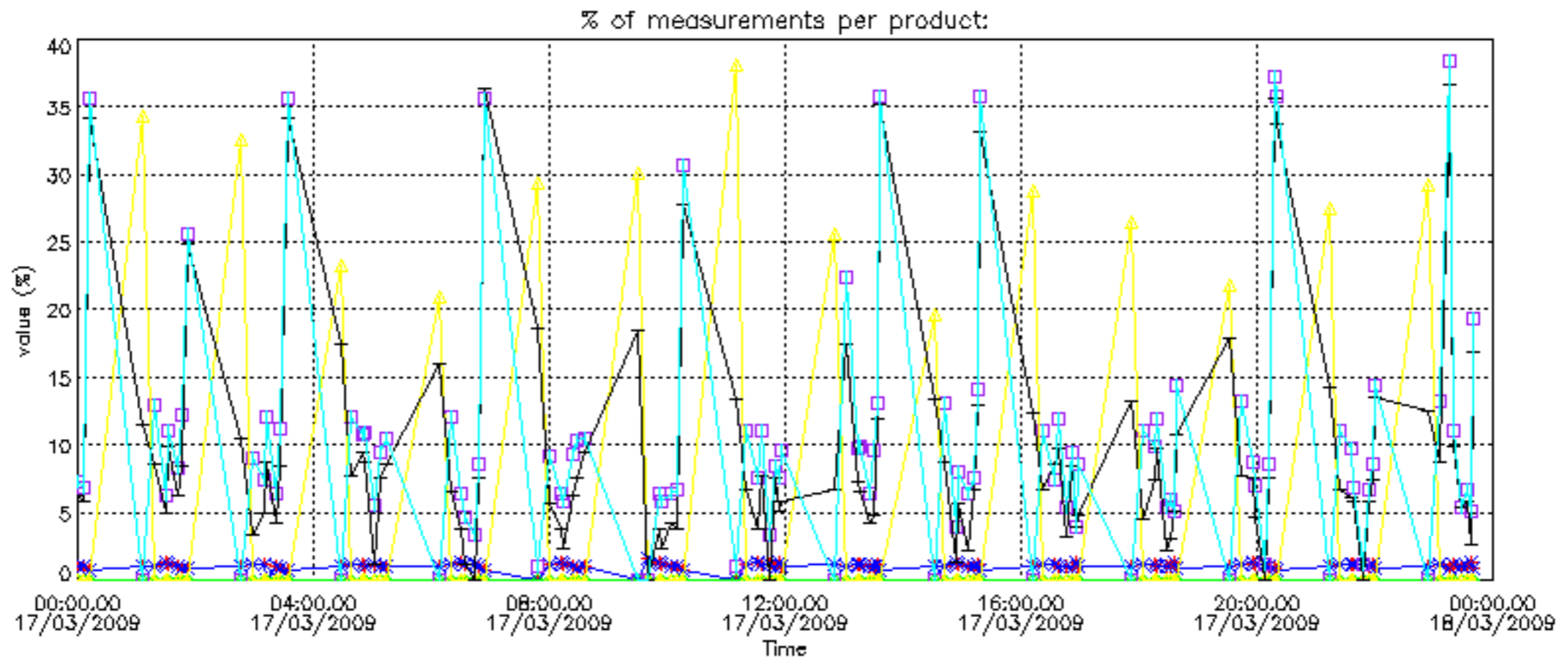


Percentage of flagged data per NO3 profile

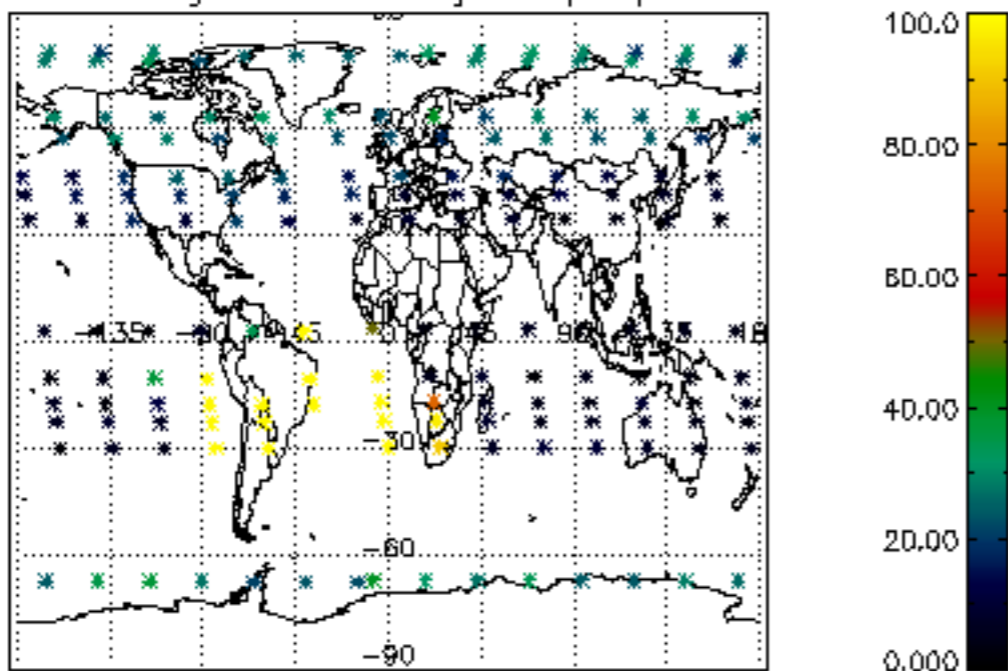




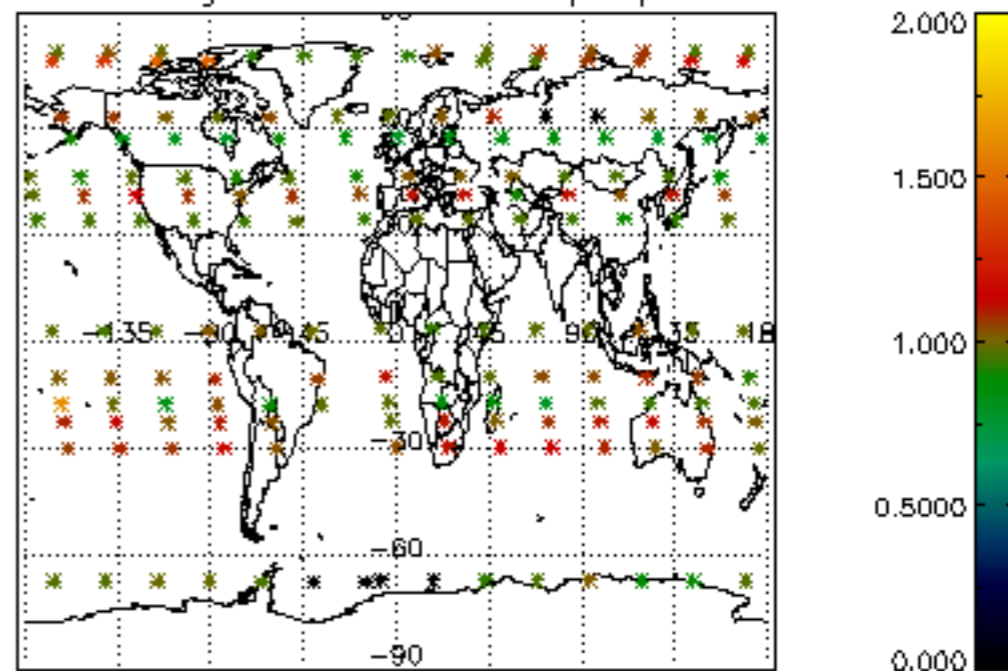




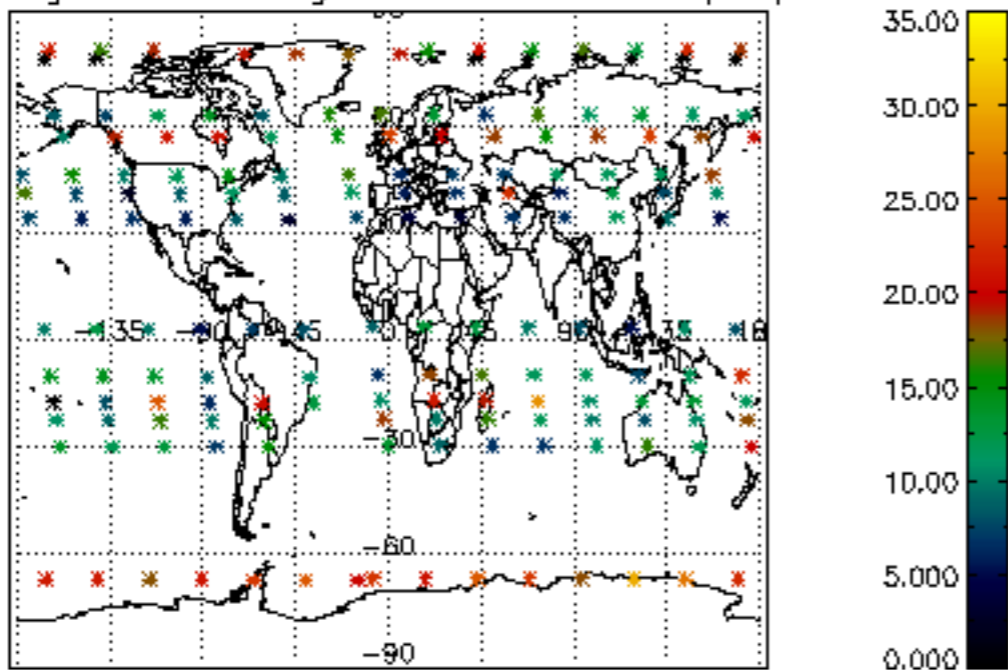
Percentage of cosmic ray hits per profile



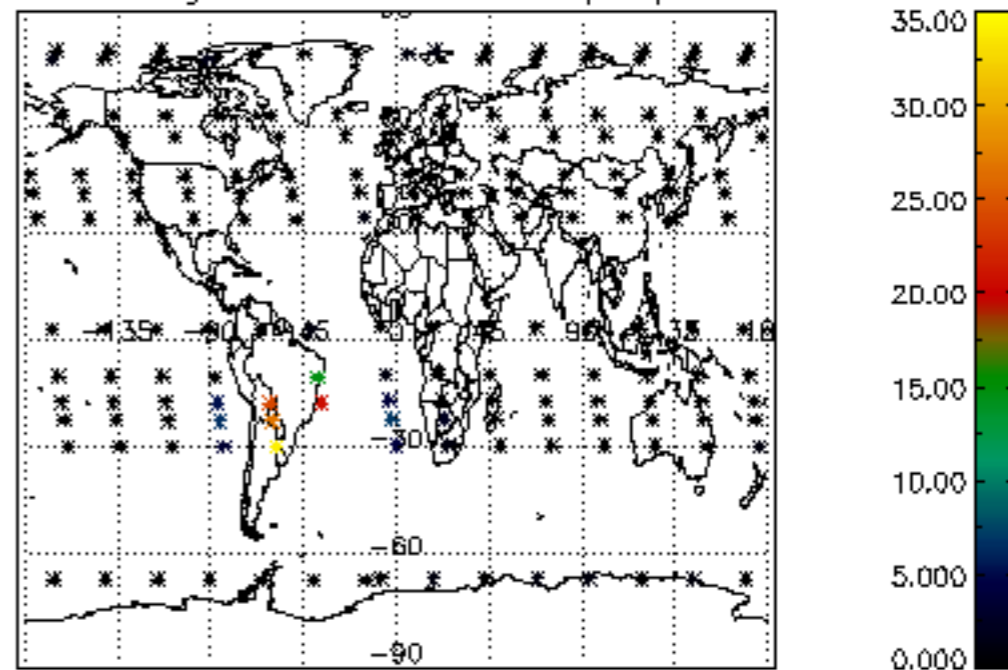
Percentage of datation errors per profile



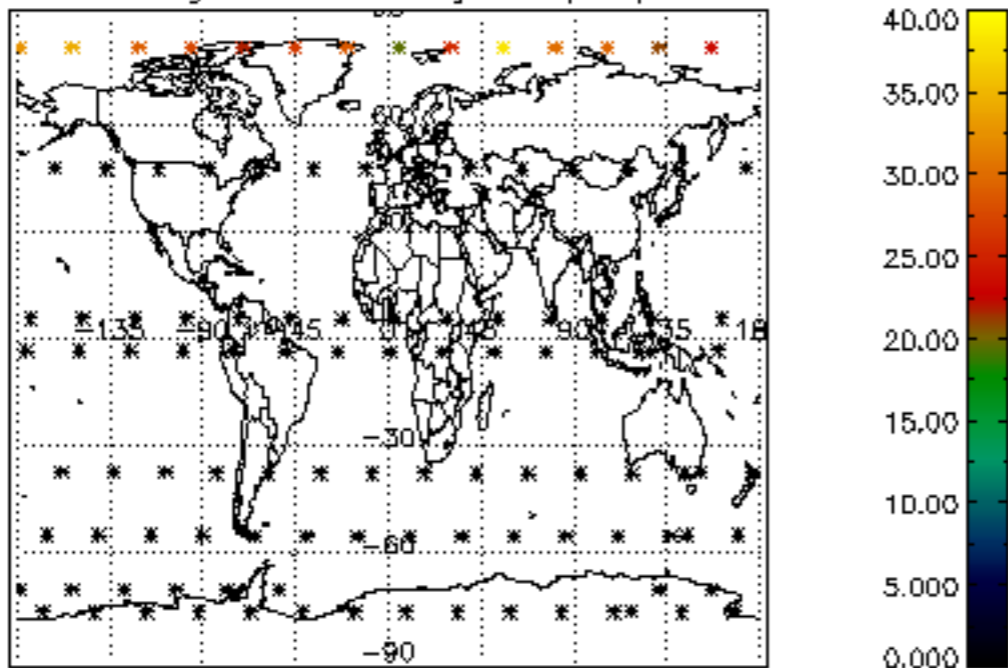
Percentage of star falling outside central band per profile



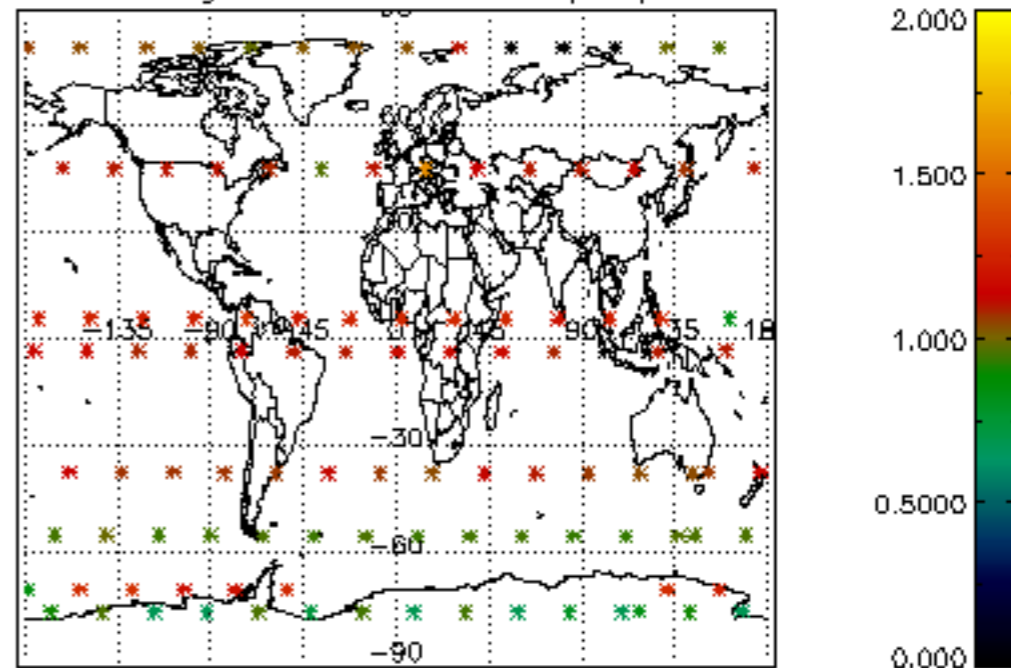
Percentage of saturation errors per profile



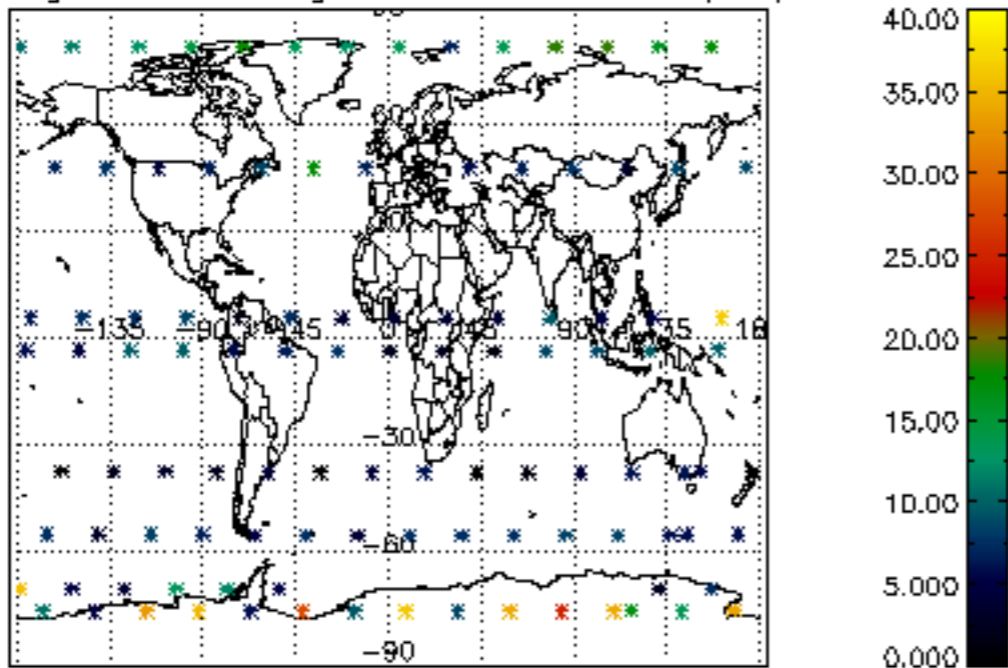
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

