

# 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 17:11:39
Data source version	GOMOS/6.01
Start time of products	09-07-2008 (09JUL2008 00:00:00)
Stop time of products	10-07-2008 (10JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	287
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__2PRFIN20080709_001305_000000422070_00116_33236_5725.N1	09-JUL-2008 00:13:05	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	33236	No
2	GOM_NL__2PRFIN20080709_001544_000000372070_00116_33236_5726.N1	09-JUL-2008 00:15:44	Dark	37.000	165	34Gam Eri	2.9500	3200.0	74	33236	No
3	GOM_NL__2PRFIN20080709_002427_000000422070_00116_33236_5727.N1	09-JUL-2008 00:24:27	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33236	No
4	GOM_NL__2PRFIN20080709_003039_000000402070_00117_33237_5732.N1	09-JUL-2008 00:30:39	Dark	40.000	9	Alp Eri	0.45300	24000.	80	33237	No
5	GOM_NL__2PRFIN20080709_003443_000000362070_00117_33237_5733.N1	09-JUL-2008 00:34:43	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33237	No
6	GOM_NL__2PRFIN20080709_004219_000000402070_00117_33237_5734.N1	09-JUL-2008 00:42:19	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33237	No
7	GOM_NL__2PRFIN20080709_004532_000000392070_00117_33237_5735.N1	09-JUL-2008 00:45:32	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33237	No
8	GOM_NL__2PRFIN20080709_004702_000000382070_00117_33237_5736.N1	09-JUL-2008 00:47:02	Twilight_stray	37.500	147	Alp Ara	2.8770	26000.	75	33237	No
9	GOM_NL__2PRFIN20080709_004853_000000402070_00117_33237_5737.N1	09-JUL-2008 00:48:53	Twilight_stray	39.500	40	The Sco	1.8590	7100.0	79	33237	No
10	GOM_NL__2PRFIN20080709_005032_000000382070_00117_33237_5738.N1	09-JUL-2008 00:50:32	Twilight_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33237	No
11	GOM_NL__2PRFIN20080709_005201_000000422070_00117_33237_5739.N1	09-JUL-2008 00:52:01	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	33237	No
12	GOM_NL__2PRFIN20080709_005642_000000362070_00117_33237_5740.N1	09-JUL-2008 00:56:42	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33237	No
13	GOM_NL__2PRFIN20080709_010205_000000372070_00117_33237_5741.N1	09-JUL-2008 01:02:05	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33237	No
14	GOM_NL__2PRFIN20080709_010422_000000362070_00117_33237_5742.N1	09-JUL-2008 01:04:22	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33237	No
15	GOM_NL__2PRFIN20080709_010727_000000382070_00117_33237_5743.N1	09-JUL-2008 01:07:27	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33237	No
16	GOM_NL__2PRFIN20080709_011003_000000362070_00117_33237_5744.N1	09-JUL-2008 01:10:03	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33237	No
17	GOM_NL__2PRFIN20080709_011531_000000272070_00117_33237_5745.N1	09-JUL-2008 01:15:31	Bright	27.000	69	33Gam Dra	2.2310	3800.0	54	33237	No
18	GOM_NL__2PRFIN20080709_011821_000000372070_00117_33237_5746.N1	09-JUL-2008 01:18:21	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33237	No
19	GOM_NL__2PRFIN20080709_012230_000000372070_00117_33237_5747.N1	09-JUL-2008 01:22:30	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33237	No
20	GOM_NL__2PRFIN20080709_012624_000000322070_00117_33237_5748.N1	09-JUL-2008 01:26:24	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33237	No
21	GOM_NL__2PRFIN20080709_015341_000000382070_00117_33237_5749.N1	09-JUL-2008 01:53:41	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	33237	No
22	GOM_NL__2PRFIN20080709_015620_000000382070_00117_33237_5750.N1	09-JUL-2008 01:56:20	Dark	37.500	165	34Gam Eri	2.9500	3200.0	75	33237	No
23	GOM_NL__2PRFIN20080709_020504_000000392070_00117_33237_5751.N1	09-JUL-2008 02:05:04	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33237	No
24	GOM_NL__2PRFIN20080709_021115_000000412070_00118_33238_5737.N1	09-JUL-2008 02:11:15	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33238	No
25	GOM_NL__2PRFIN20080709_021519_000000372070_00118_33238_5738.N1	09-JUL-2008 02:15:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33238	No
26	GOM_NL__2PRFIN20080709_022256_000000402070_00118_33238_5739.N1	09-JUL-2008 02:22:56	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33238	No
27	GOM_NL__2PRFIN20080709_022608_000000412070_00118_33238_5740.N1	09-JUL-2008 02:26:08	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	33238	No
28	GOM_NL__2PRFIN20080709_022738_000000392070_00118_33238_5741.N1	09-JUL-2008 02:27:38	Twilight_stray	38.500	147	Alp Ara	2.8770	26000.	77	33238	No
29	GOM_NL__2PRFIN20080709_022929_000000392070_00118_33238_5742.N1	09-JUL-2008 02:29:29	Twilight_stray	39.000	40	The Sco	1.8590	7100.0	78	33238	No
30	GOM_NL__2PRFIN20080709_023109_000000392070_00118_33238_5743.N1	09-JUL-2008 02:31:09	Twilight_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33238	No
31	GOM_NL__2PRFIN20080709_023237_000000532070_00118_33238_5744.N1	09-JUL-2008 02:32:37	Bright	53.000	116	19Del Sgr	2.7000	4100.0	106	33238	No
32	GOM_NL__2PRFIN20080709_023718_000000372070_00118_33238_5745.N1	09-JUL-2008 02:37:18	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33238	No
33	GOM_NL__2PRFIN20080709_024241_000000362070_00118_33238_5746.N1	09-JUL-2008 02:42:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33238	No
34	GOM_NL__2PRFIN20080709_024458_000000402070_00118_33238_5747.N1	09-JUL-2008 02:44:58	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	33238	No
35	GOM_NL__2PRFIN20080709_024803_000000382070_00118_33238_5748.N1	09-JUL-2008 02:48:03	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	33238	No
36	GOM_NL__2PRFIN20080709_025039_000000342070_00118_33238_5749.N1	09-JUL-2008 02:50:39	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33238	No
37	GOM_NL__2PRFIN20080709_025607_000000372070_00118_33238_5750.N1	09-JUL-2008 02:56:07	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33238	No
38	GOM_NL__2PRFIN20080709_025857_000000352070_00118_33238_5751.N1	09-JUL-2008 02:58:57	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33238	No
39	GOM_NL__2PRFIN20080709_030306_000000342070_00118_33238_5752.N1	09-JUL-2008 03:03:06	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33238	No
40	GOM_NL__2PRFIN20080709_030700_000000352070_00118_33238_5753.N1	09-JUL-2008 03:07:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33238	No
41	GOM_NL__2PRFIN20080709_033417_000000382070_00118_33238_5754.N1	09-JUL-2008 03:34:17	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	33238	No
42	GOM_NL__2PRFIN20080709_033656_000000432070_00118_33238_5755.N1	09-JUL-2008 03:36:56	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33238	No

43	GOM_NL__2PRFIN20080709_034540_000000402070_00118_33238_5756.N1	09-JUL-2008 03:45:40	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33238	No
44	GOM_NL__2PRFIN20080709_035152_000000512070_00119_33239_5764.N1	09-JUL-2008 03:51:52	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33239	No
45	GOM_NL__2PRFIN20080709_035556_000000372070_00119_33239_5765.N1	09-JUL-2008 03:55:56	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33239	No
46	GOM_NL__2PRFIN20080709_040332_000000422070_00119_33239_5766.N1	09-JUL-2008 04:03:32	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33239	No
47	GOM_NL__2PRFIN20080709_040644_000000382070_00119_33239_5767.N1	09-JUL-2008 04:06:44	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	33239	No
48	GOM_NL__2PRFIN20080709_040815_000000372070_00119_33239_5768.N1	09-JUL-2008 04:08:15	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33239	No
49	GOM_NL__2PRFIN20080709_041005_000000412070_00119_33239_5769.N1	09-JUL-2008 04:10:05	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33239	No
50	GOM_NL__2PRFIN20080709_041145_000000422070_00119_33239_5770.N1	09-JUL-2008 04:11:45	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33239	No
51	GOM_NL__2PRFIN20080709_041313_000000442070_00119_33239_5771.N1	09-JUL-2008 04:13:13	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33239	No
52	GOM_NL__2PRFIN20080709_041754_000000372070_00119_33239_5772.N1	09-JUL-2008 04:17:54	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33239	No
53	GOM_NL__2PRFIN20080709_041944_000000382070_00119_33239_5773.N1	09-JUL-2008 04:19:44	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	33239	No
54	GOM_NL__2PRFIN20080709_042317_000000362070_00119_33239_5774.N1	09-JUL-2008 04:23:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33239	No
55	GOM_NL__2PRFIN20080709_042534_000000362070_00119_33239_5775.N1	09-JUL-2008 04:25:34	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33239	No
56	GOM_NL__2PRFIN20080709_042839_000000352070_00119_33239_5776.N1	09-JUL-2008 04:28:39	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33239	No
57	GOM_NL__2PRFIN20080709_043115_000000362070_00119_33239_5777.N1	09-JUL-2008 04:31:15	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33239	No
58	GOM_NL__2PRFIN20080709_043643_000000372070_00119_33239_5778.N1	09-JUL-2008 04:36:43	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33239	No
59	GOM_NL__2PRFIN20080709_043933_000000352070_00119_33239_5779.N1	09-JUL-2008 04:39:33	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33239	No
60	GOM_NL__2PRFIN20080709_044343_000000352070_00119_33239_5780.N1	09-JUL-2008 04:43:43	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33239	No
61	GOM_NL__2PRFIN20080709_044736_000000342070_00119_33239_5781.N1	09-JUL-2008 04:47:36	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33239	No
62	GOM_NL__2PRFIN20080709_051453_000000392070_00119_33239_5782.N1	09-JUL-2008 05:14:53	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	33239	No
63	GOM_NL__2PRFIN20080709_051733_000000432070_00119_33239_5783.N1	09-JUL-2008 05:17:33	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33239	No
64	GOM_NL__2PRFIN20080709_052617_000000412070_00119_33239_5784.N1	09-JUL-2008 05:26:17	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33239	No
65	GOM_NL__2PRFIN20080709_053228_000000422070_00120_33240_5774.N1	09-JUL-2008 05:32:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33240	No
66	GOM_NL__2PRFIN20080709_053632_000000372070_00120_33240_5775.N1	09-JUL-2008 05:36:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33240	No
67	GOM_NL__2PRFIN20080709_054409_000000412070_00120_33240_5776.N1	09-JUL-2008 05:44:09	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33240	No
68	GOM_NL__2PRFIN20080709_054720_000000482070_00120_33240_5777.N1	09-JUL-2008 05:47:20	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	33240	No
69	GOM_NL__2PRFIN20080709_054851_000000382070_00120_33240_5778.N1	09-JUL-2008 05:48:51	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33240	No
70	GOM_NL__2PRFIN20080709_055041_000000402070_00120_33240_5779.N1	09-JUL-2008 05:50:41	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33240	No
71	GOM_NL__2PRFIN20080709_055221_000000402070_00120_33240_5780.N1	09-JUL-2008 05:52:21	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33240	No
72	GOM_NL__2PRFIN20080709_055350_000000422070_00120_33240_5781.N1	09-JUL-2008 05:53:50	Bright	41.500	116	19Del Sgr	2.7000	4100.0	83	33240	No
73	GOM_NL__2PRFIN20080709_055830_000000372070_00120_33240_5782.N1	09-JUL-2008 05:58:30	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33240	No
74	GOM_NL__2PRFIN20080709_060353_000000362070_00120_33240_5783.N1	09-JUL-2008 06:03:53	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33240	No
75	GOM_NL__2PRFIN20080709_060610_000000362070_00120_33240_5784.N1	09-JUL-2008 06:06:10	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33240	No
76	GOM_NL__2PRFIN20080709_060916_000000382070_00120_33240_5785.N1	09-JUL-2008 06:09:16	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33240	No
77	GOM_NL__2PRFIN20080709_061151_000000372070_00120_33240_5786.N1	09-JUL-2008 06:11:51	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33240	No
78	GOM_NL__2PRFIN20080709_061718_000000392070_00120_33240_5787.N1	09-JUL-2008 06:17:18	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33240	No
79	GOM_NL__2PRFIN20080709_062009_000000362070_00120_33240_5788.N1	09-JUL-2008 06:20:09	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33240	No
80	GOM_NL__2PRFIN20080709_062419_000000372070_00120_33240_5789.N1	09-JUL-2008 06:24:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33240	No
81	GOM_NL__2PRFIN20080709_062812_000000342070_00120_33240_5790.N1	09-JUL-2008 06:28:12	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33240	No
82	GOM_NL__2PRFIN20080709_065529_000000432070_00120_33240_5791.N1	09-JUL-2008 06:55:29	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	33240	No
83	GOM_NL__2PRFIN20080709_065809_000000452070_00120_33240_5792.N1	09-JUL-2008 06:58:09	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33240	No
84	GOM_NL__2PRFIN20080709_070653_000000412070_00120_33240_5793.N1	09-JUL-2008 07:06:53	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33240	No
85	GOM_NL__2PRFIN20080709_071305_000000512070_00121_33241_5772.N1	09-JUL-2008 07:13:05	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33241	No
86	GOM_NL__2PRFIN20080709_071708_000000362070_00121_33241_5773.N1	09-JUL-2008 07:17:08	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33241	No
87	GOM_NL__2PRFIN20080709_072445_000000392070_00121_33241_5774.N1	09-JUL-2008 07:24:45	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33241	No
88	GOM_NL__2PRFIN20080709_072756_000000392070_00121_33241_5775.N1	09-JUL-2008 07:27:56	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33241	No
89	GOM_NL__2PRFIN20080709_072927_000000372070_00121_33241_5776.N1	09-JUL-2008 07:29:27	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33241	No
90	GOM_NL__2PRFIN20080709_073117_000000392070_00121_33241_5777.N1	09-JUL-2008 07:31:17	Twi_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33241	No
91	GOM_NL__2PRFIN20080709_073257_000000382070_00121_33241_5778.N1	09-JUL-2008 07:32:57	Twi_and_stray	38.000	25	35Lam Sco	1.6200	28000.	76	33241	No
92	GOM_NL__2PRFIN20080709_073426_000000472070_00121_33241_5779.N1	09-JUL-2008 07:34:26	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33241	No
93	GOM_NL__2PRFIN20080709_073906_000000362070_00121_33241_5780.N1	09-JUL-2008 07:39:06	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33241	No
94	GOM_NL__2PRFIN20080709_074056_000000372070_00121_33241_5781.N1	09-JUL-2008 07:40:56	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33241	No
95	GOM_NL__2PRFIN20080709_074429_000000362070_00121_33241_5782.N1	09-JUL-2008 07:44:29	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33241	No
96	GOM_NL__2PRFIN20080709_074646_000000352070_00121_33241_5783.N1	09-JUL-2008 07:46:46	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33241	No
97	GOM_NL__2PRFIN20080709_074952_000000372070_00121_33241_5784.N1	09-JUL-2008 07:49:52	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33241	No
98	GOM_NL__2PRFIN20080709_075228_000000372070_00121_33241_5785.N1	09-JUL-2008 07:52:28	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33241	No
99	GOM_NL__2PRFIN20080709_075754_000000392070_00121_33241_5786.N1	09-JUL-2008 07:57:54	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33241	No
100	GOM_NL__2PRFIN20080709_080045_000000362070_00121_33241_5787.N1	09-JUL-2008 08:00:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33241	No
101	GOM_NL__2PRFIN20080709_080455_000000342070_00121_33241_5788.N1	09-JUL-2008 08:04:55	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33241	No

102	GOM_NL__2PRFIN20080709_080848_000000332070_00121_33241_5789.N1	09-JUL-2008 08:08:48	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33241	No
103	GOM_NL__2PRFIN20080709_083605_000000432070_00121_33241_5790.N1	09-JUL-2008 08:36:05	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	33241	No
104	GOM_NL__2PRFIN20080709_083846_000000452070_00121_33241_5791.N1	09-JUL-2008 08:38:46	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33241	No
105	GOM_NL__2PRFIN20080709_084730_000000412070_00121_33241_5792.N1	09-JUL-2008 08:47:30	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33241	No
106	GOM_NL__2PRFIN20080709_085341_000000522070_00122_33242_5809.N1	09-JUL-2008 08:53:41	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33242	No
107	GOM_NL__2PRFIN20080709_085744_000000362070_00122_33242_5810.N1	09-JUL-2008 08:57:44	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33242	No
108	GOM_NL__2PRFIN20080709_090521_000000412070_00122_33242_5811.N1	09-JUL-2008 09:05:21	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33242	No
109	GOM_NL__2PRFIN20080709_090832_000000422070_00122_33242_5812.N1	09-JUL-2008 09:08:32	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	33242	No
110	GOM_NL__2PRFIN20080709_091003_000000392070_00122_33242_5813.N1	09-JUL-2008 09:10:03	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33242	No
111	GOM_NL__2PRFIN20080709_091154_000000412070_00122_33242_5814.N1	09-JUL-2008 09:11:54	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33242	No
112	GOM_NL__2PRFIN20080709_091333_000000392070_00122_33242_5815.N1	09-JUL-2008 09:13:33	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33242	No
113	GOM_NL__2PRFIN20080709_091612_000000402070_00122_33242_5816.N1	09-JUL-2008 09:16:12	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33242	No
114	GOM_NL__2PRFIN20080709_091942_000000372070_00122_33242_5817.N1	09-JUL-2008 09:19:42	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33242	No
115	GOM_NL__2PRFIN20080709_092132_000000262070_00122_33242_5818.N1	09-JUL-2008 09:21:32	Bright	26.000	98	13Zet Oph	2.5710	30000.	52	33242	No
116	GOM_NL__2PRFIN20080709_092505_000000352070_00122_33242_5819.N1	09-JUL-2008 09:25:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33242	No
117	GOM_NL__2PRFIN20080709_092722_000000372070_00122_33242_5820.N1	09-JUL-2008 09:27:22	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33242	No
118	GOM_NL__2PRFIN20080709_093028_000000342070_00122_33242_5821.N1	09-JUL-2008 09:30:28	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33242	No
119	GOM_NL__2PRFIN20080709_093304_000000362070_00122_33242_5822.N1	09-JUL-2008 09:33:04	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33242	No
120	GOM_NL__2PRFIN20080709_093830_000000372070_00122_33242_5823.N1	09-JUL-2008 09:38:30	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33242	No
121	GOM_NL__2PRFIN20080709_094121_000000362070_00122_33242_5824.N1	09-JUL-2008 09:41:21	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33242	No
122	GOM_NL__2PRFIN20080709_094531_000000332070_00122_33242_5825.N1	09-JUL-2008 09:45:31	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33242	No
123	GOM_NL__2PRFIN20080709_094924_000000372070_00122_33242_5826.N1	09-JUL-2008 09:49:24	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33242	No
124	GOM_NL__2PRFIN20080709_101641_000000442070_00122_33242_5827.N1	09-JUL-2008 10:16:41	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	33242	No
125	GOM_NL__2PRFIN20080709_101922_000000452070_00122_33242_5828.N1	09-JUL-2008 10:19:22	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33242	No
126	GOM_NL__2PRFIN20080709_102806_000000422070_00122_33242_5829.N1	09-JUL-2008 10:28:06	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33242	No
127	GOM_NL__2PRFIN20080709_103418_000000492070_00123_33243_5821.N1	09-JUL-2008 10:34:18	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33243	No
128	GOM_NL__2PRFIN20080709_103820_000000372070_00123_33243_5822.N1	09-JUL-2008 10:38:20	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33243	No
129	GOM_NL__2PRFIN20080709_104558_000000412070_00123_33243_5823.N1	09-JUL-2008 10:45:58	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33243	No
130	GOM_NL__2PRFIN20080709_104908_000000392070_00123_33243_5824.N1	09-JUL-2008 10:49:08	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33243	No
131	GOM_NL__2PRFIN20080709_105039_000000392070_00123_33243_5825.N1	09-JUL-2008 10:50:39	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33243	No
132	GOM_NL__2PRFIN20080709_105230_000000422070_00123_33243_5826.N1	09-JUL-2008 10:52:30	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33243	No
133	GOM_NL__2PRFIN20080709_105409_000000412070_00123_33243_5827.N1	09-JUL-2008 10:54:09	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33243	No
134	GOM_NL__2PRFIN20080709_105648_000000382070_00123_33243_5828.N1	09-JUL-2008 10:56:48	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	33243	No
135	GOM_NL__2PRFIN20080709_110018_000000362070_00123_33243_5829.N1	09-JUL-2008 11:00:18	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33243	No
136	GOM_NL__2PRFIN20080709_110208_000000262070_00123_33243_5830.N1	09-JUL-2008 11:02:08	Bright	26.000	98	13Zet Oph	2.5710	30000.	52	33243	No
137	GOM_NL__2PRFIN20080709_110541_000000362070_00123_33243_5831.N1	09-JUL-2008 11:05:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33243	No
138	GOM_NL__2PRFIN20080709_110758_000000352070_00123_33243_5832.N1	09-JUL-2008 11:07:58	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33243	No
139	GOM_NL__2PRFIN20080709_111104_000000372070_00123_33243_5833.N1	09-JUL-2008 11:11:04	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33243	No
140	GOM_NL__2PRFIN20080709_111340_000000352070_00123_33243_5834.N1	09-JUL-2008 11:13:40	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33243	No
141	GOM_NL__2PRFIN20080709_111906_000000412070_00123_33243_5835.N1	09-JUL-2008 11:19:06	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	33243	No
142	GOM_NL__2PRFIN20080709_112157_000000362070_00123_33243_5836.N1	09-JUL-2008 11:21:57	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33243	No
143	GOM_NL__2PRFIN20080709_112607_000000342070_00123_33243_5837.N1	09-JUL-2008 11:26:07	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33243	No
144	GOM_NL__2PRFIN20080709_112959_000000382070_00123_33243_5838.N1	09-JUL-2008 11:29:59	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	33243	No
145	GOM_NL__2PRFIN20080709_115717_000000502070_00123_33243_5839.N1	09-JUL-2008 11:57:17	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	33243	No
146	GOM_NL__2PRFIN20080709_115958_000000452070_00123_33243_5840.N1	09-JUL-2008 11:59:58	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33243	No
147	GOM_NL__2PRFIN20080709_120843_000000402070_00123_33243_5841.N1	09-JUL-2008 12:08:43	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33243	No
148	GOM_NL__2PRFIN20080709_121454_000000442070_00124_33244_5824.N1	09-JUL-2008 12:14:54	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33244	No
149	GOM_NL__2PRFIN20080709_121857_000000362070_00124_33244_5825.N1	09-JUL-2008 12:18:57	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33244	No
150	GOM_NL__2PRFIN20080709_122634_000000392070_00124_33244_5826.N1	09-JUL-2008 12:26:34	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33244	No
151	GOM_NL__2PRFIN20080709_122944_000000392070_00124_33244_5827.N1	09-JUL-2008 12:29:44	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33244	No
152	GOM_NL__2PRFIN20080709_123115_000000372070_00124_33244_5828.N1	09-JUL-2008 12:31:15	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33244	No
153	GOM_NL__2PRFIN20080709_123306_000000432070_00124_33244_5829.N1	09-JUL-2008 12:33:06	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33244	No
154	GOM_NL__2PRFIN20080709_123445_000000382070_00124_33244_5830.N1	09-JUL-2008 12:34:45	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33244	No
155	GOM_NL__2PRFIN20080709_123724_000000372070_00124_33244_5831.N1	09-JUL-2008 12:37:24	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33244	No
156	GOM_NL__2PRFIN20080709_124054_000000372070_00124_33244_5832.N1	09-JUL-2008 12:40:54	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33244	No
157	GOM_NL__2PRFIN20080709_124617_000000362070_00124_33244_5833.N1	09-JUL-2008 12:46:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33244	No
158	GOM_NL__2PRFIN20080709_124834_000000362070_00124_33244_5834.N1	09-JUL-2008 12:48:34	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33244	No
159	GOM_NL__2PRFIN20080709_125140_000000372070_00124_33244_5835.N1	09-JUL-2008 12:51:40	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33244	No
160	GOM_NL__2PRFIN20080709_125416_000000372070_00124_33244_5836.N1	09-JUL-2008 12:54:16	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33244	No



161	GOM_NL__2PRFIN20080709_125941_000000402070_00124_33244_5837.N1	09-JUL-2008 12:59:41	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33244	No
162	GOM_NL__2PRFIN20080709_130233_000000372070_00124_33244_5838.N1	09-JUL-2008 13:02:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33244	No
163	GOM_NL__2PRFIN20080709_130643_000000382070_00124_33244_5839.N1	09-JUL-2008 13:06:43	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33244	No
164	GOM_NL__2PRFIN20080709_131035_000000362070_00124_33244_5840.N1	09-JUL-2008 13:10:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33244	No
165	GOM_NL__2PRFIN20080709_133753_000000412070_00124_33244_5841.N1	09-JUL-2008 13:37:53	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	33244	No
166	GOM_NL__2PRFIN20080709_134034_000000442070_00124_33244_5842.N1	09-JUL-2008 13:40:34	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33244	No
167	GOM_NL__2PRFIN20080709_134919_000000392070_00124_33244_5843.N1	09-JUL-2008 13:49:19	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33244	No
168	GOM_NL__2PRFIN20080709_135531_000000492070_00125_33245_5820.N1	09-JUL-2008 13:55:31	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33245	No
169	GOM_NL__2PRFIN20080709_135933_000000382070_00125_33245_5821.N1	09-JUL-2008 13:59:33	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33245	No
170	GOM_NL__2PRFIN20080709_140710_000000392070_00125_33245_5822.N1	09-JUL-2008 14:07:10	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33245	No
171	GOM_NL__2PRFIN20080709_141020_000000442070_00125_33245_5823.N1	09-JUL-2008 14:10:20	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	33245	No
172	GOM_NL__2PRFIN20080709_141151_000000382070_00125_33245_5824.N1	09-JUL-2008 14:11:51	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33245	No
173	GOM_NL__2PRFIN20080709_141342_000000442070_00125_33245_5825.N1	09-JUL-2008 14:13:42	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	33245	No
174	GOM_NL__2PRFIN20080709_141521_000000372070_00125_33245_5826.N1	09-JUL-2008 14:15:21	Twi_and_stray	37.000	25	35Lam Sco	1.6200	28000.	74	33245	No
175	GOM_NL__2PRFIN20080709_141800_000000432070_00125_33245_5827.N1	09-JUL-2008 14:18:00	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	33245	No
176	GOM_NL__2PRFIN20080709_142131_000000372070_00125_33245_5828.N1	09-JUL-2008 14:21:31	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33245	No
177	GOM_NL__2PRFIN20080709_142653_000000352070_00125_33245_5829.N1	09-JUL-2008 14:26:53	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33245	No
178	GOM_NL__2PRFIN20080709_142910_000000352070_00125_33245_5830.N1	09-JUL-2008 14:29:10	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33245	No
179	GOM_NL__2PRFIN20080709_143217_000000342070_00125_33245_5831.N1	09-JUL-2008 14:32:17	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33245	No
180	GOM_NL__2PRFIN20080709_143452_000000372070_00125_33245_5832.N1	09-JUL-2008 14:34:52	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33245	No
181	GOM_NL__2PRFIN20080709_144017_000000392070_00125_33245_5833.N1	09-JUL-2008 14:40:17	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33245	No
182	GOM_NL__2PRFIN20080709_144310_000000362070_00125_33245_5834.N1	09-JUL-2008 14:43:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33245	No
183	GOM_NL__2PRFIN20080709_144719_000000382070_00125_33245_5835.N1	09-JUL-2008 14:47:19	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33245	No
184	GOM_NL__2PRFIN20080709_145111_000000332070_00125_33245_5836.N1	09-JUL-2008 14:51:11	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33245	No
185	GOM_NL__2PRFIN20080709_151830_000000432070_00125_33245_5837.N1	09-JUL-2008 15:18:30	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	33245	No
186	GOM_NL__2PRFIN20080709_152111_000000442070_00125_33245_5838.N1	09-JUL-2008 15:21:11	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33245	No
187	GOM_NL__2PRFIN20080709_152956_000000402070_00125_33245_5839.N1	09-JUL-2008 15:29:56	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33245	No
188	GOM_NL__2PRFIN20080709_153607_000000502070_00126_33246_5862.N1	09-JUL-2008 15:36:07	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33246	No
189	GOM_NL__2PRFIN20080709_154009_000000372070_00126_33246_5863.N1	09-JUL-2008 15:40:09	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33246	No
190	GOM_NL__2PRFIN20080709_154747_000000402070_00126_33246_5864.N1	09-JUL-2008 15:47:47	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33246	No
191	GOM_NL__2PRFIN20080709_155056_000000402070_00126_33246_5865.N1	09-JUL-2008 15:50:56	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	33246	No
192	GOM_NL__2PRFIN20080709_155227_000000372070_00126_33246_5866.N1	09-JUL-2008 15:52:27	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33246	No
193	GOM_NL__2PRFIN20080709_155418_000000422070_00126_33246_5867.N1	09-JUL-2008 15:54:18	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33246	No
194	GOM_NL__2PRFIN20080709_155558_000000402070_00126_33246_5868.N1	09-JUL-2008 15:55:58	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33246	No
195	GOM_NL__2PRFIN20080709_155836_000000402070_00126_33246_5869.N1	09-JUL-2008 15:58:36	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33246	No
196	GOM_NL__2PRFIN20080709_160207_000000372070_00126_33246_5870.N1	09-JUL-2008 16:02:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33246	No
197	GOM_NL__2PRFIN20080709_160729_000000362070_00126_33246_5871.N1	09-JUL-2008 16:07:29	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33246	No
198	GOM_NL__2PRFIN20080709_160946_000000372070_00126_33246_5872.N1	09-JUL-2008 16:09:46	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33246	No
199	GOM_NL__2PRFIN20080709_161253_000000352070_00126_33246_5873.N1	09-JUL-2008 16:12:53	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33246	No
200	GOM_NL__2PRFIN20080709_161528_000000362070_00126_33246_5874.N1	09-JUL-2008 16:15:28	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33246	No
201	GOM_NL__2PRFIN20080709_162053_000000342070_00126_33246_5875.N1	09-JUL-2008 16:20:53	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	33246	No
202	GOM_NL__2PRFIN20080709_162346_000000352070_00126_33246_5876.N1	09-JUL-2008 16:23:46	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33246	No
203	GOM_NL__2PRFIN20080709_162755_000000332070_00126_33246_5877.N1	09-JUL-2008 16:27:55	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33246	No
204	GOM_NL__2PRFIN20080709_163147_000000362070_00126_33246_5878.N1	09-JUL-2008 16:31:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33246	No
205	GOM_NL__2PRFIN20080709_165906_000000392070_00126_33246_5879.N1	09-JUL-2008 16:59:06	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	33246	No
206	GOM_NL__2PRFIN20080709_170147_000000452070_00126_33246_5880.N1	09-JUL-2008 17:01:47	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	33246	No
207	GOM_NL__2PRFIN20080709_171032_000000412070_00126_33246_5881.N1	09-JUL-2008 17:10:32	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33246	No
208	GOM_NL__2PRFIN20080709_171644_000000492070_00127_33247_5884.N1	09-JUL-2008 17:16:44	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33247	No
209	GOM_NL__2PRFIN20080709_172045_000000372070_00127_33247_5885.N1	09-JUL-2008 17:20:45	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33247	No
210	GOM_NL__2PRFIN20080709_172823_000000402070_00127_33247_5886.N1	09-JUL-2008 17:28:23	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33247	No
211	GOM_NL__2PRFIN20080709_173132_000000392070_00127_33247_5887.N1	09-JUL-2008 17:31:32	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33247	No
212	GOM_NL__2PRFIN20080709_173303_000000382070_00127_33247_5888.N1	09-JUL-2008 17:33:03	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33247	No
213	GOM_NL__2PRFIN20080709_173454_000000432070_00127_33247_5889.N1	09-JUL-2008 17:34:54	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33247	No
214	GOM_NL__2PRFIN20080709_173634_000000412070_00127_33247_5890.N1	09-JUL-2008 17:36:34	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33247	No
215	GOM_NL__2PRFIN20080709_173912_000000412070_00127_33247_5891.N1	09-JUL-2008 17:39:12	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	33247	No
216	GOM_NL__2PRFIN20080709_174243_000000362070_00127_33247_5892.N1	09-JUL-2008 17:42:43	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33247	No
217	GOM_NL__2PRFIN20080709_174805_000000372070_00127_33247_5893.N1	09-JUL-2008 17:48:05	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33247	No
218	GOM_NL__2PRFIN20080709_175022_000000382070_00127_33247_5894.N1	09-JUL-2008 17:50:22	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33247	No
219	GOM_NL__2PRFIN20080709_175329_000000382070_00127_33247_5895.N1	09-JUL-2008 17:53:29	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33247	No

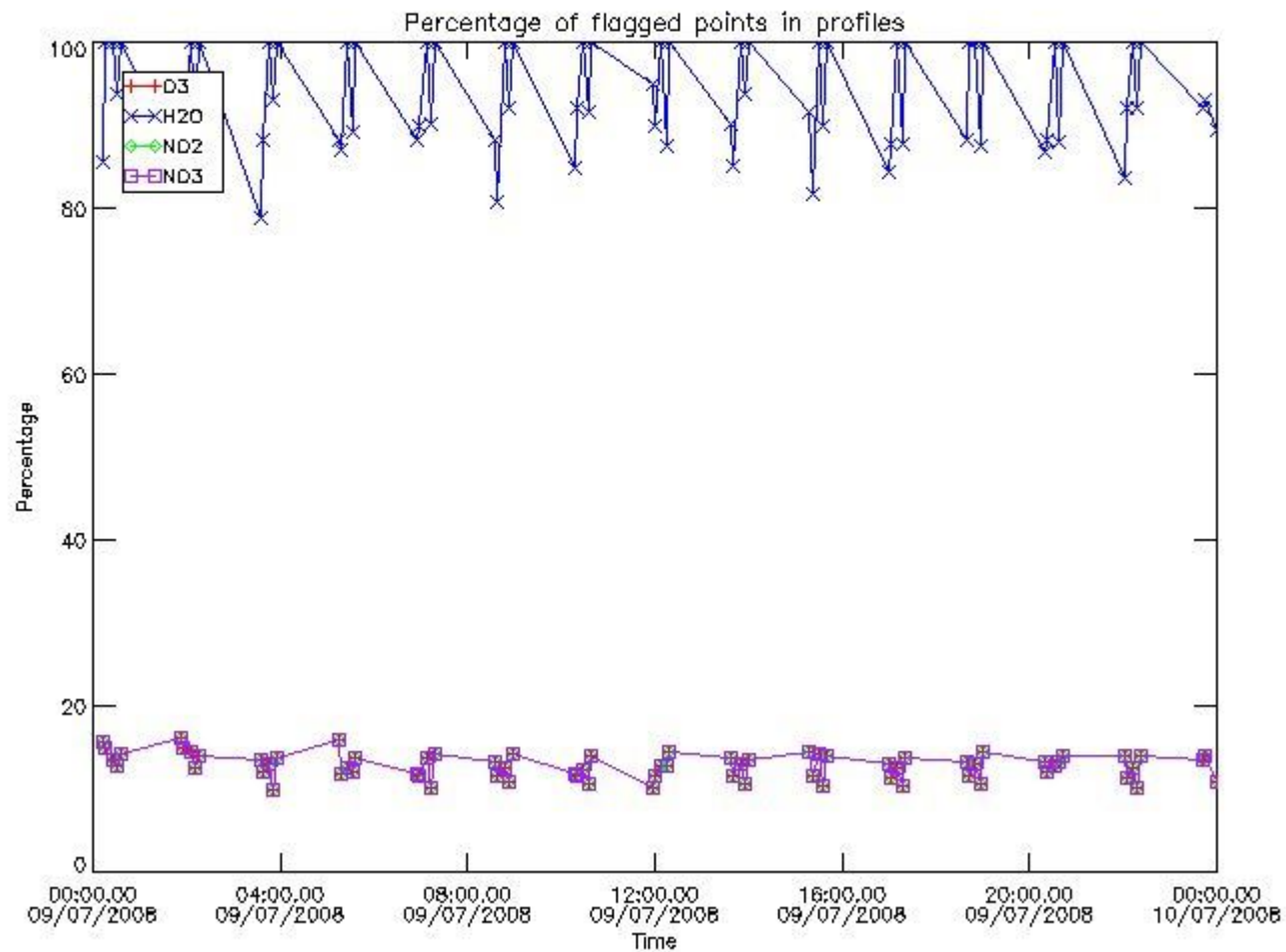
220	GOM_NL__2PRFIN20080709_175604_000000352070_00127_33247_5896.N1	09-JUL-2008 17:56:04	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33247	No
221	GOM_NL__2PRFIN20080709_180129_000000402070_00127_33247_5897.N1	09-JUL-2008 18:01:29	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33247	No
222	GOM_NL__2PRFIN20080709_180422_000000362070_00127_33247_5898.N1	09-JUL-2008 18:04:22	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33247	No
223	GOM_NL__2PRFIN20080709_180832_000000342070_00127_33247_5899.N1	09-JUL-2008 18:08:32	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33247	No
224	GOM_NL__2PRFIN20080709_181223_000000362070_00127_33247_5900.N1	09-JUL-2008 18:12:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33247	No
225	GOM_NL__2PRFIN20080709_183942_000000392070_00127_33247_5901.N1	09-JUL-2008 18:39:42	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	33247	No
226	GOM_NL__2PRFIN20080709_184224_000000442070_00127_33247_5902.N1	09-JUL-2008 18:42:24	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33247	No
227	GOM_NL__2PRFIN20080709_185109_000000392070_00127_33247_5903.N1	09-JUL-2008 18:51:09	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33247	No
228	GOM_NL__2PRFIN20080709_185720_000000492070_00128_33248_5900.N1	09-JUL-2008 18:57:20	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33248	No
229	GOM_NL__2PRFIN20080709_190121_000000362070_00128_33248_5901.N1	09-JUL-2008 19:01:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33248	No
230	GOM_NL__2PRFIN20080709_190900_000000412070_00128_33248_5902.N1	09-JUL-2008 19:09:00	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33248	No
231	GOM_NL__2PRFIN20080709_191209_000000452070_00128_33248_5903.N1	09-JUL-2008 19:12:09	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	33248	No
232	GOM_NL__2PRFIN20080709_191340_000000372070_00128_33248_5904.N1	09-JUL-2008 19:13:40	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33248	No
233	GOM_NL__2PRFIN20080709_191530_000000412070_00128_33248_5905.N1	09-JUL-2008 19:15:30	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33248	No
234	GOM_NL__2PRFIN20080709_191710_000000422070_00128_33248_5906.N1	09-JUL-2008 19:17:10	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33248	No
235	GOM_NL__2PRFIN20080709_191949_000000402070_00128_33248_5907.N1	09-JUL-2008 19:19:49	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33248	No
236	GOM_NL__2PRFIN20080709_192319_000000362070_00128_33248_5908.N1	09-JUL-2008 19:23:19	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33248	No
237	GOM_NL__2PRFIN20080709_192841_000000362070_00128_33248_5909.N1	09-JUL-2008 19:28:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33248	No
238	GOM_NL__2PRFIN20080709_193058_000000372070_00128_33248_5910.N1	09-JUL-2008 19:30:58	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33248	No
239	GOM_NL__2PRFIN20080709_193405_000000352070_00128_33248_5911.N1	09-JUL-2008 19:34:05	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33248	No
240	GOM_NL__2PRFIN20080709_193640_000000352070_00128_33248_5912.N1	09-JUL-2008 19:36:40	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33248	No
241	GOM_NL__2PRFIN20080709_194205_000000402070_00128_33248_5913.N1	09-JUL-2008 19:42:05	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33248	No
242	GOM_NL__2PRFIN20080709_194458_000000362070_00128_33248_5914.N1	09-JUL-2008 19:44:58	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33248	No
243	GOM_NL__2PRFIN20080709_194908_000000372070_00128_33248_5915.N1	09-JUL-2008 19:49:08	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33248	No
244	GOM_NL__2PRFIN20080709_195259_000000362070_00128_33248_5916.N1	09-JUL-2008 19:52:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33248	No
245	GOM_NL__2PRFIN20080709_202018_000000392070_00128_33248_5917.N1	09-JUL-2008 20:20:18	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	33248	No
246	GOM_NL__2PRFIN20080709_202300_000000432070_00128_33248_5918.N1	09-JUL-2008 20:23:00	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33248	No
247	GOM_NL__2PRFIN20080709_203145_000000402070_00128_33248_5919.N1	09-JUL-2008 20:31:45	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33248	No
248	GOM_NL__2PRFIN20080709_203757_000000542070_00129_33249_5905.N1	09-JUL-2008 20:37:57	Dark	54.000	9	Alp Eri	0.45300	24000.	108	33249	No
249	GOM_NL__2PRFIN20080709_204157_000000372070_00129_33249_5906.N1	09-JUL-2008 20:41:57	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33249	No
250	GOM_NL__2PRFIN20080709_204936_000000462070_00129_33249_5907.N1	09-JUL-2008 20:49:36	Straylight	46.000	45	Alp Pav	1.9400	26000.	92	33249	No
251	GOM_NL__2PRFIN20080709_205245_000000432070_00129_33249_5908.N1	09-JUL-2008 20:52:45	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	33249	No
252	GOM_NL__2PRFIN20080709_205416_000000382070_00129_33249_5909.N1	09-JUL-2008 20:54:16	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33249	No
253	GOM_NL__2PRFIN20080709_205606_000000422070_00129_33249_5910.N1	09-JUL-2008 20:56:06	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33249	No
254	GOM_NL__2PRFIN20080709_205746_000000382070_00129_33249_5911.N1	09-JUL-2008 20:57:46	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33249	No
255	GOM_NL__2PRFIN20080709_210025_000000392070_00129_33249_5912.N1	09-JUL-2008 21:00:25	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33249	No
256	GOM_NL__2PRFIN20080709_210355_000000372070_00129_33249_5913.N1	09-JUL-2008 21:03:55	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33249	No
257	GOM_NL__2PRFIN20080709_210917_000000362070_00129_33249_5914.N1	09-JUL-2008 21:09:17	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33249	No
258	GOM_NL__2PRFIN20080709_211134_000000382070_00129_33249_5915.N1	09-JUL-2008 21:11:34	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33249	No
259	GOM_NL__2PRFIN20080709_211442_000000352070_00129_33249_5916.N1	09-JUL-2008 21:14:42	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33249	No
260	GOM_NL__2PRFIN20080709_211717_000000352070_00129_33249_5917.N1	09-JUL-2008 21:17:17	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33249	No
261	GOM_NL__2PRFIN20080709_212241_000000392070_00129_33249_5918.N1	09-JUL-2008 21:22:41	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33249	No
262	GOM_NL__2PRFIN20080709_212534_000000372070_00129_33249_5919.N1	09-JUL-2008 21:25:34	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33249	No
263	GOM_NL__2PRFIN20080709_212944_000000372070_00129_33249_5920.N1	09-JUL-2008 21:29:44	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33249	No
264	GOM_NL__2PRFIN20080709_213335_000000362070_00129_33249_5921.N1	09-JUL-2008 21:33:35	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33249	No
265	GOM_NL__2PRFIN20080709_220054_000000402070_00129_33249_5922.N1	09-JUL-2008 22:00:54	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	33249	No
266	GOM_NL__2PRFIN20080709_220336_000000452070_00129_33249_5923.N1	09-JUL-2008 22:03:36	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	33249	No
267	GOM_NL__2PRFIN20080709_221222_000000412070_00129_33249_5924.N1	09-JUL-2008 22:12:22	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33249	No
268	GOM_NL__2PRFIN20080709_221833_000000512070_00130_33250_5938.N1	09-JUL-2008 22:18:33	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33250	No
269	GOM_NL__2PRFIN20080709_222234_000000372070_00130_33250_5939.N1	09-JUL-2008 22:22:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33250	No
270	GOM_NL__2PRFIN20080709_223012_000000392070_00130_33250_5940.N1	09-JUL-2008 22:30:12	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33250	No
271	GOM_NL__2PRFIN20080709_223321_000000392070_00130_33250_5941.N1	09-JUL-2008 22:33:21	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33250	No
272	GOM_NL__2PRFIN20080709_223451_000000402070_00130_33250_5942.N1	09-JUL-2008 22:34:51	Twi_and_stray	40.000	147	Alp Ara	2.8770	26000.	80	33250	No
273	GOM_NL__2PRFIN20080709_223642_000000422070_00130_33250_5943.N1	09-JUL-2008 22:36:42	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33250	No
274	GOM_NL__2PRFIN20080709_223822_000000402070_00130_33250_5944.N1	09-JUL-2008 22:38:22	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33250	No
275	GOM_NL__2PRFIN20080709_224101_000000402070_00130_33250_5945.N1	09-JUL-2008 22:41:01	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33250	No
276	GOM_NL__2PRFIN20080709_224431_000000362070_00130_33250_5946.N1	09-JUL-2008 22:44:31	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33250	No
277	GOM_NL__2PRFIN20080709_224953_000000372070_00130_33250_5947.N1	09-JUL-2008 22:49:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33250	No
278	GOM_NL__2PRFIN20080709_225210_000000352070_00130_33250_5948.N1	09-JUL-2008 22:52:10	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33250	No

279	GOM_NL__2PRFIN20080709_225517_000000352070_00130_33250_5949.N1	09-JUL-2008 22:55:17	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33250	No
280	GOM_NL__2PRFIN20080709_225753_000000372070_00130_33250_5950.N1	09-JUL-2008 22:57:53	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33250	No
281	GOM_NL__2PRFIN20080709_230316_000000352070_00130_33250_5951.N1	09-JUL-2008 23:03:16	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	33250	No
282	GOM_NL__2PRFIN20080709_230610_000000362070_00130_33250_5952.N1	09-JUL-2008 23:06:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33250	No
283	GOM_NL__2PRFIN20080709_231020_000000352070_00130_33250_5953.N1	09-JUL-2008 23:10:20	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33250	No
284	GOM_NL__2PRFIN20080709_231411_000000342070_00130_33250_5954.N1	09-JUL-2008 23:14:11	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33250	No
285	GOM_NL__2PRFIN20080709_234130_000000382070_00130_33250_5955.N1	09-JUL-2008 23:41:30	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	33250	No
286	GOM_NL__2PRFIN20080709_234412_000000362070_00130_33250_5956.N1	09-JUL-2008 23:44:12	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	33250	No
287	GOM_NL__2PRFIN20080709_235910_000000522070_00131_33251_5958.N1	09-JUL-2008 23:59:10	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33251	No

### 3. Quality information per product

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

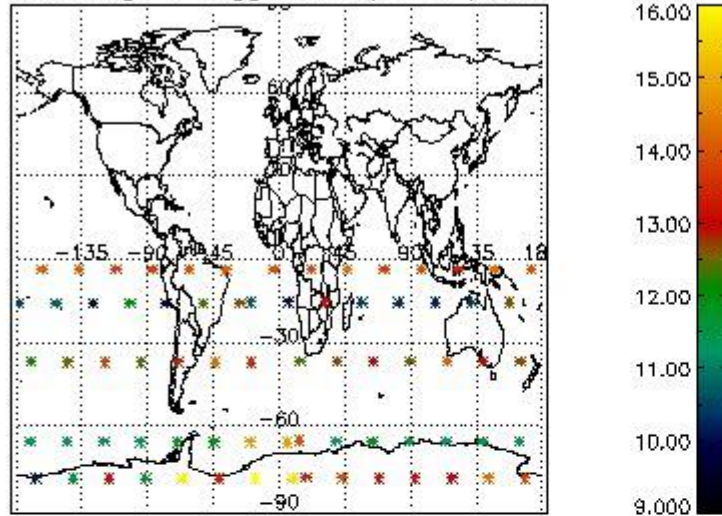
#### 3.1 Plot quality information per product (time dependant)



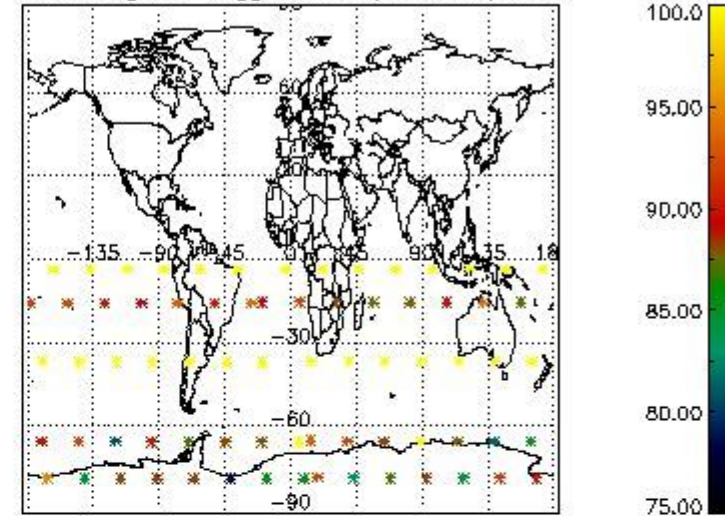
#### 3.2 Plot quality information per product (world map)



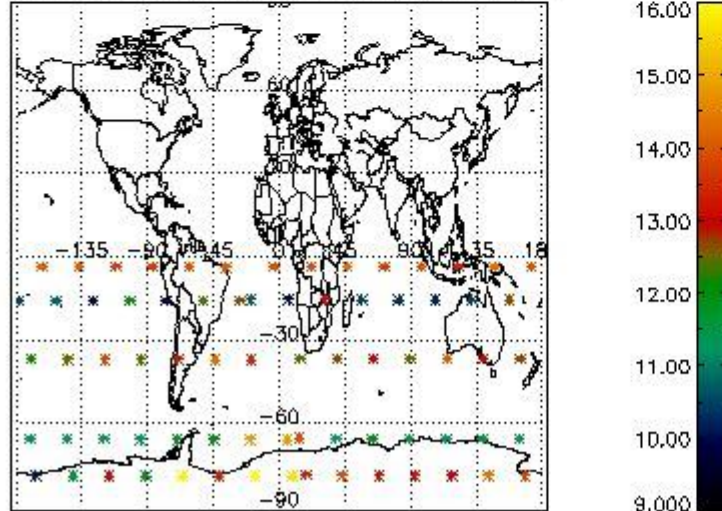
Percentage of flagged data per O3 profile



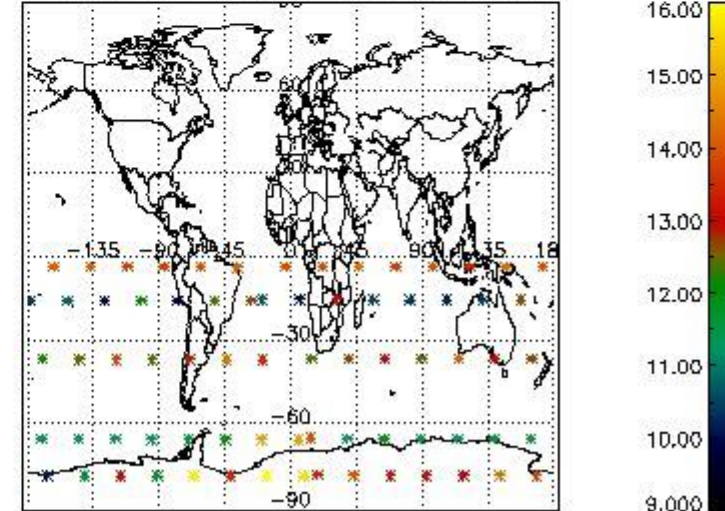
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



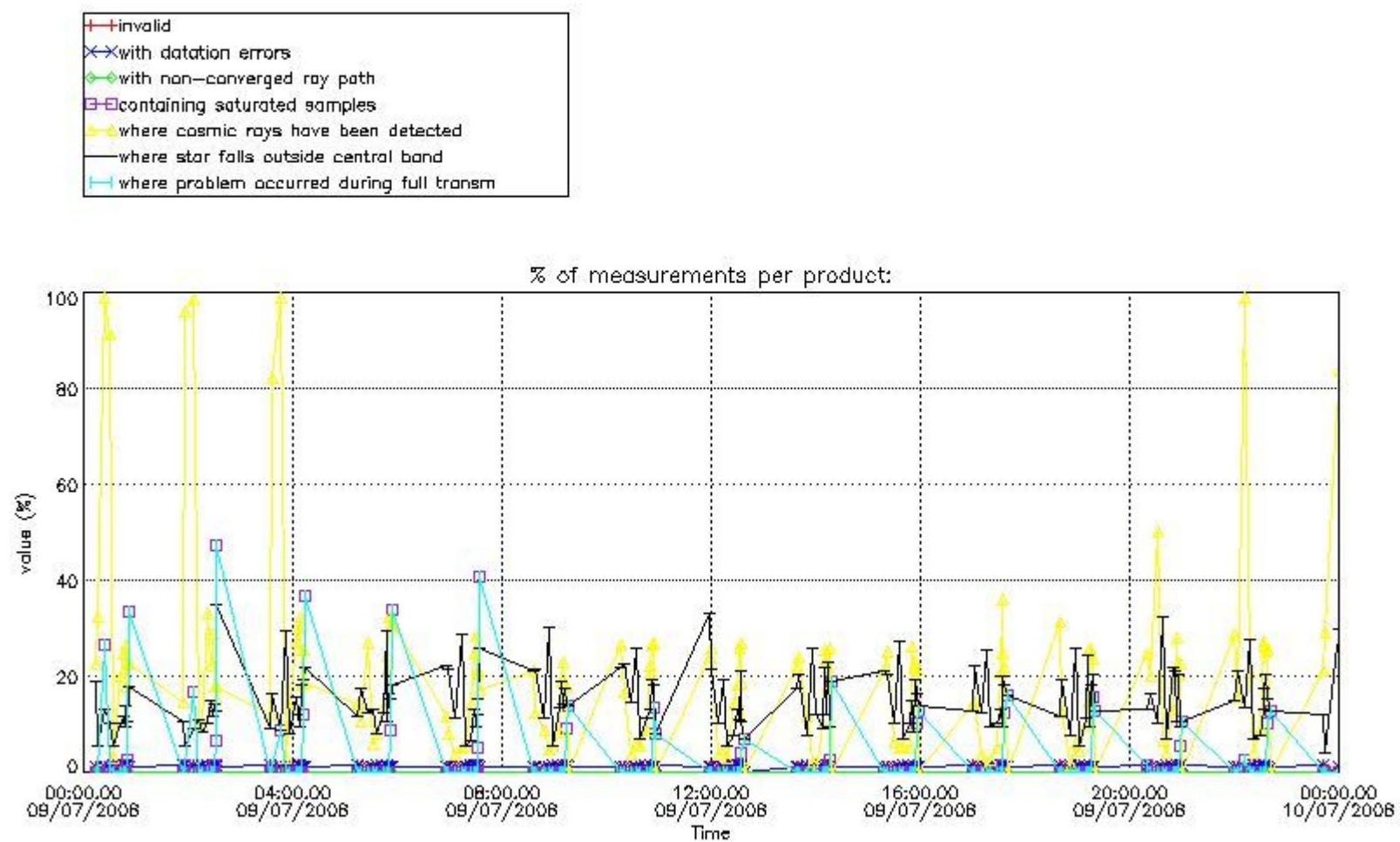
#### 4. Level 1 quality information per product

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

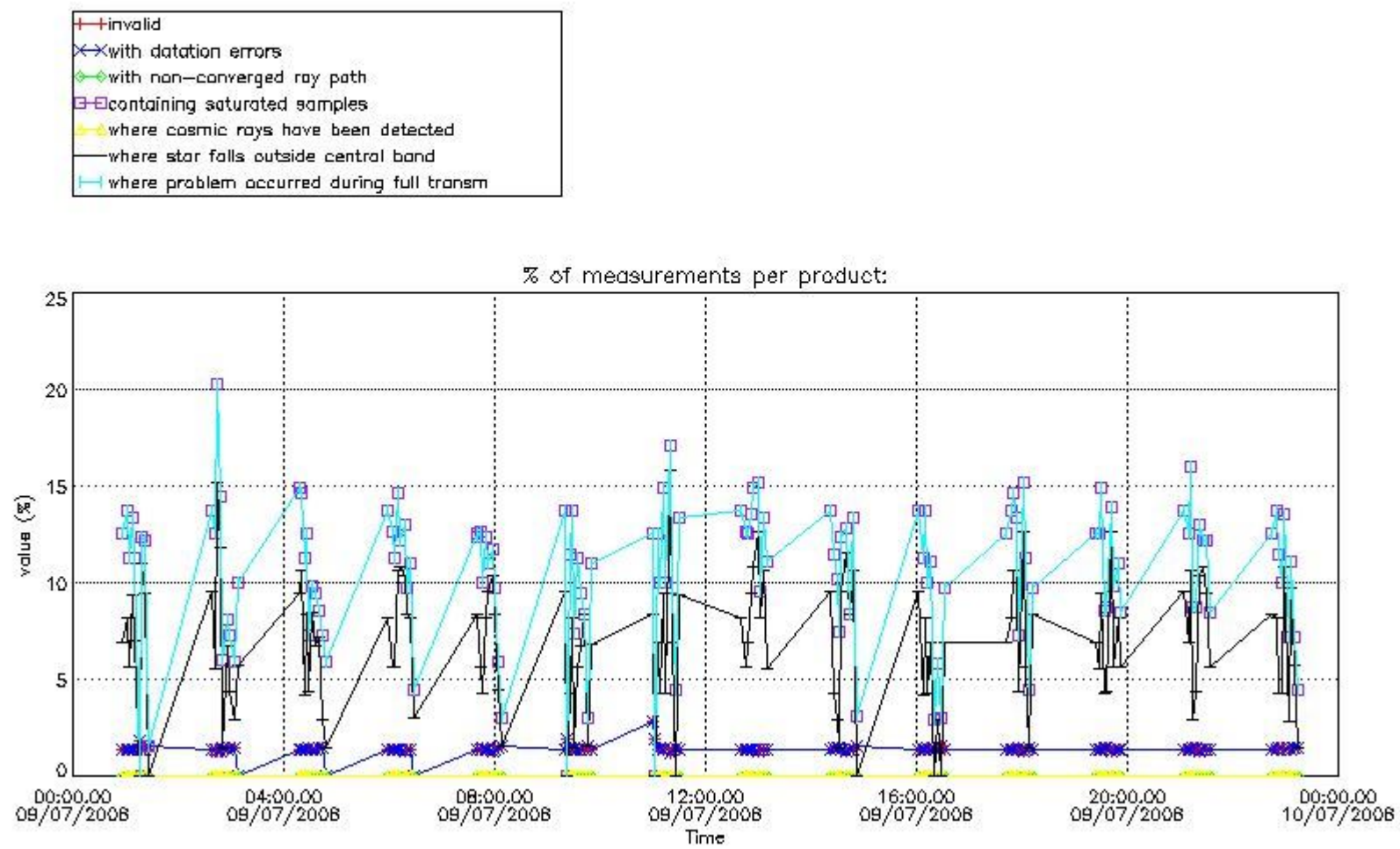
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





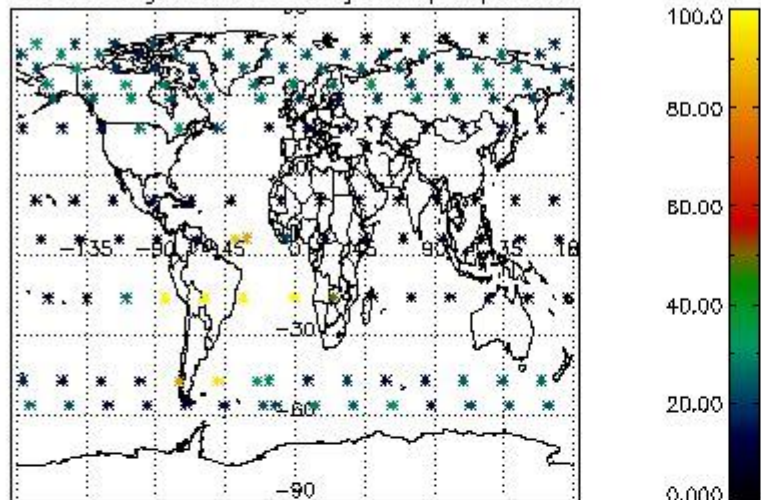
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



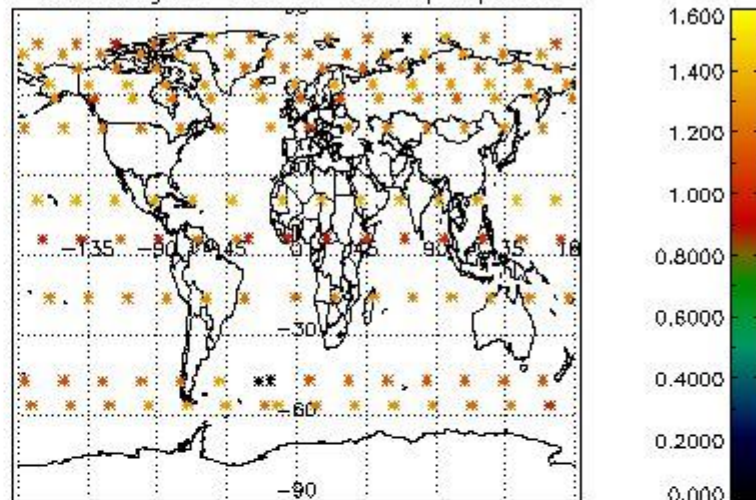
4.2 Plot quality information per product coming from level 1b processing (world map)

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

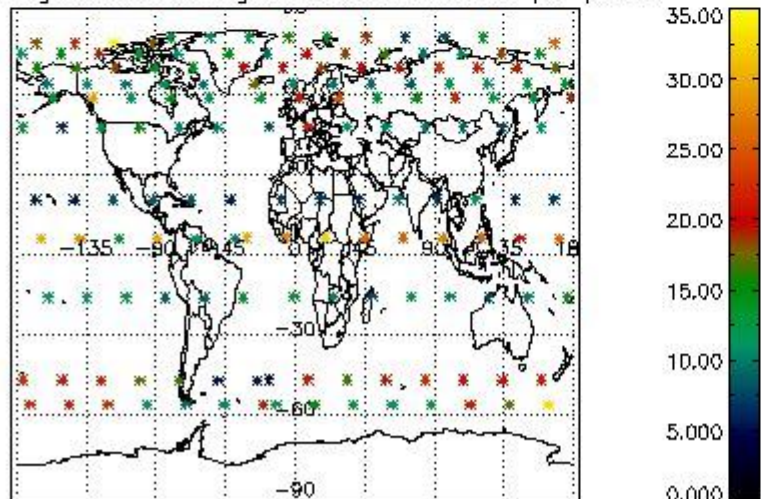
Percentage of cosmic ray hits per profile



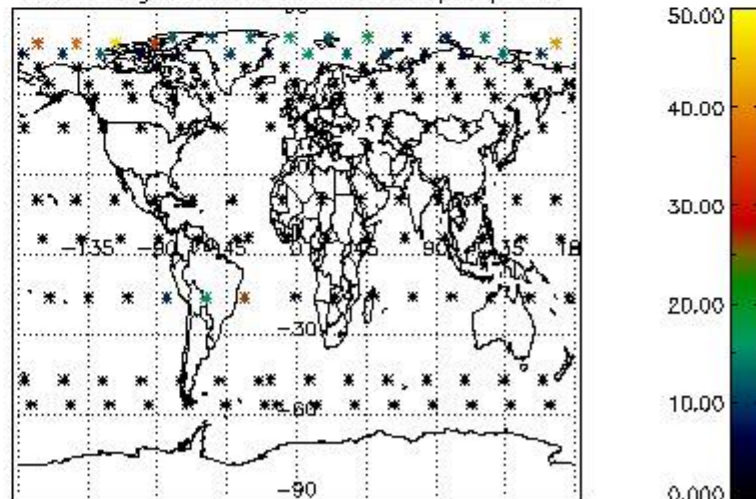
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

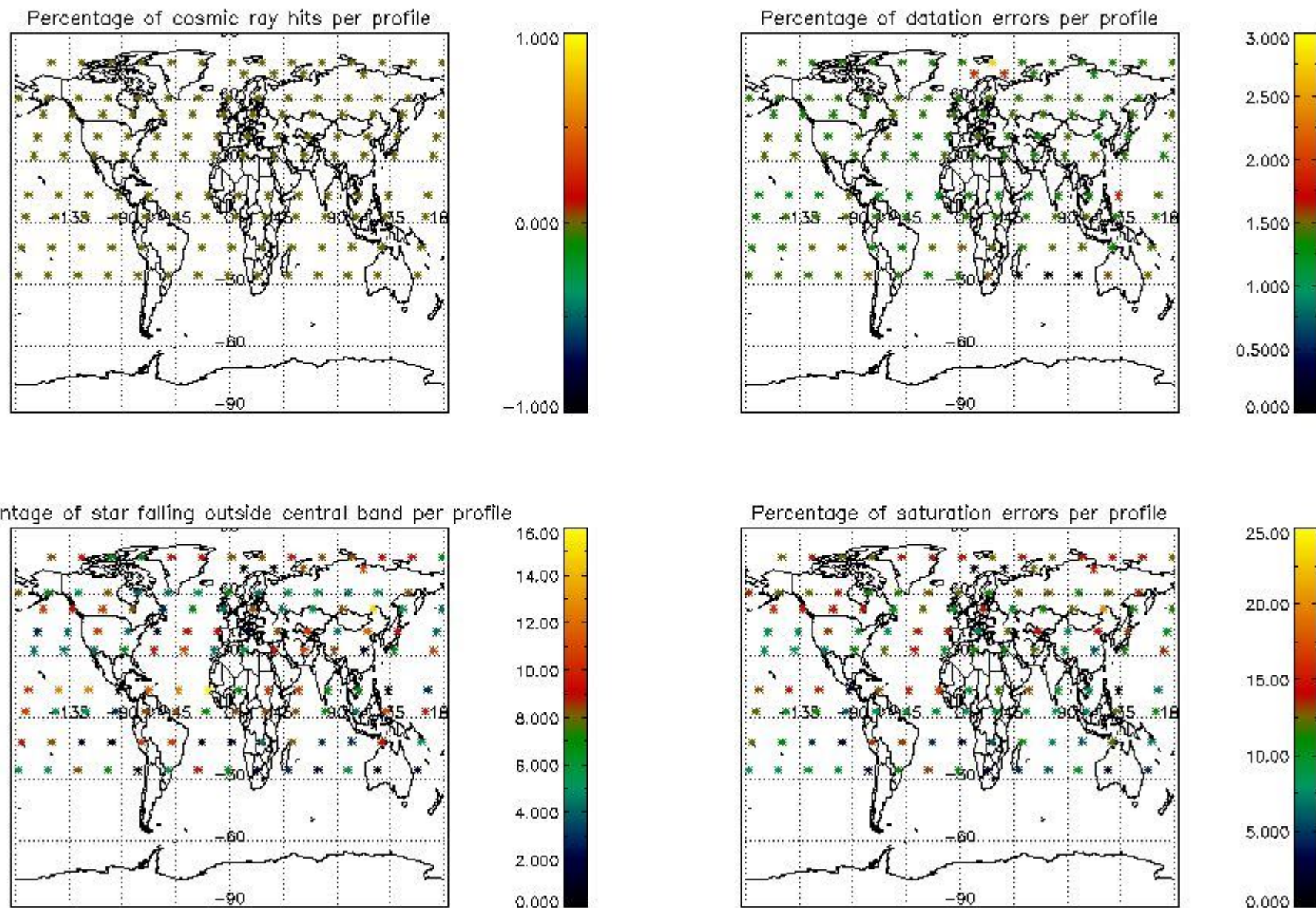


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

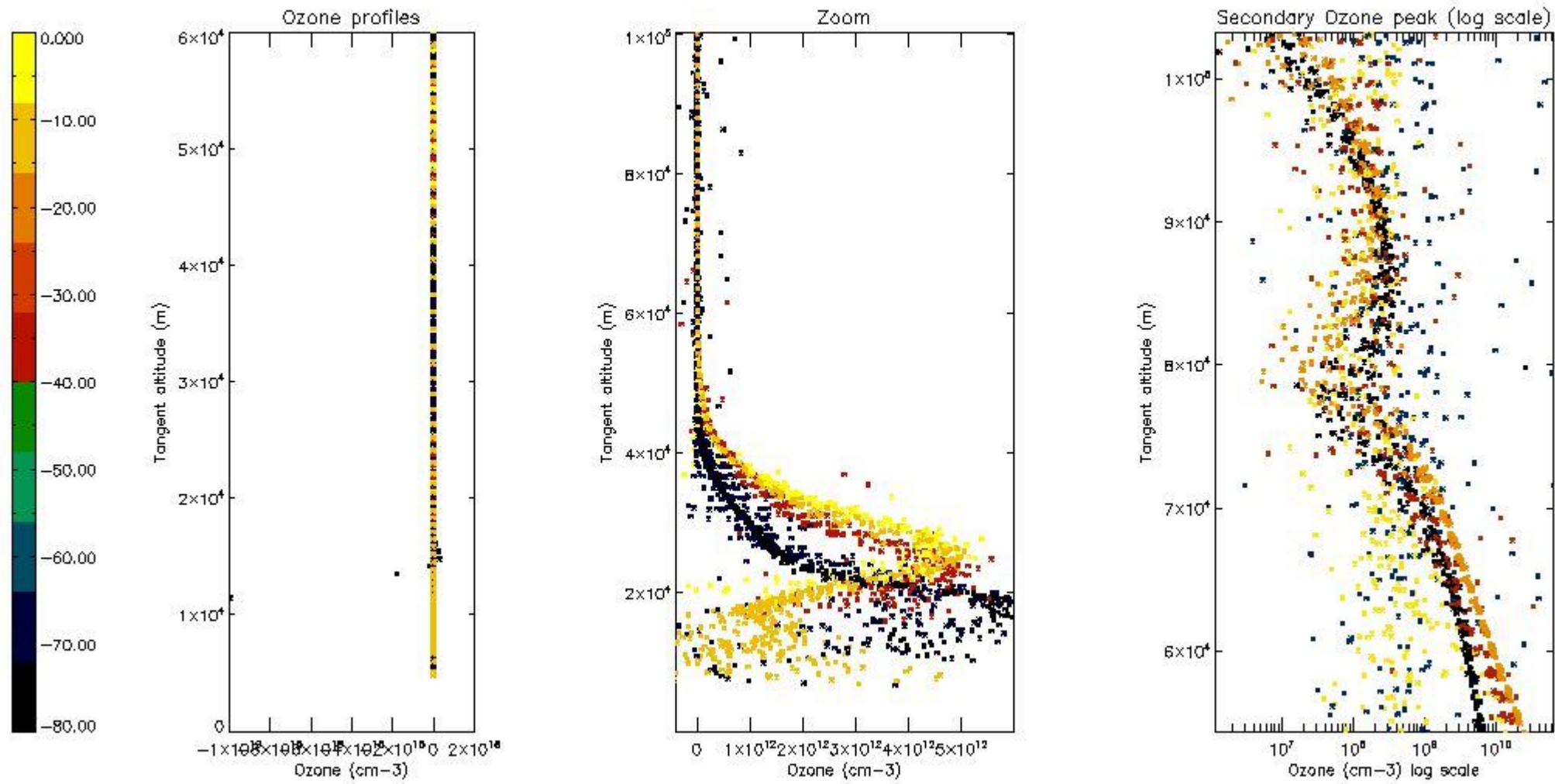
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	13

STD < 10	9
STD < 5	6

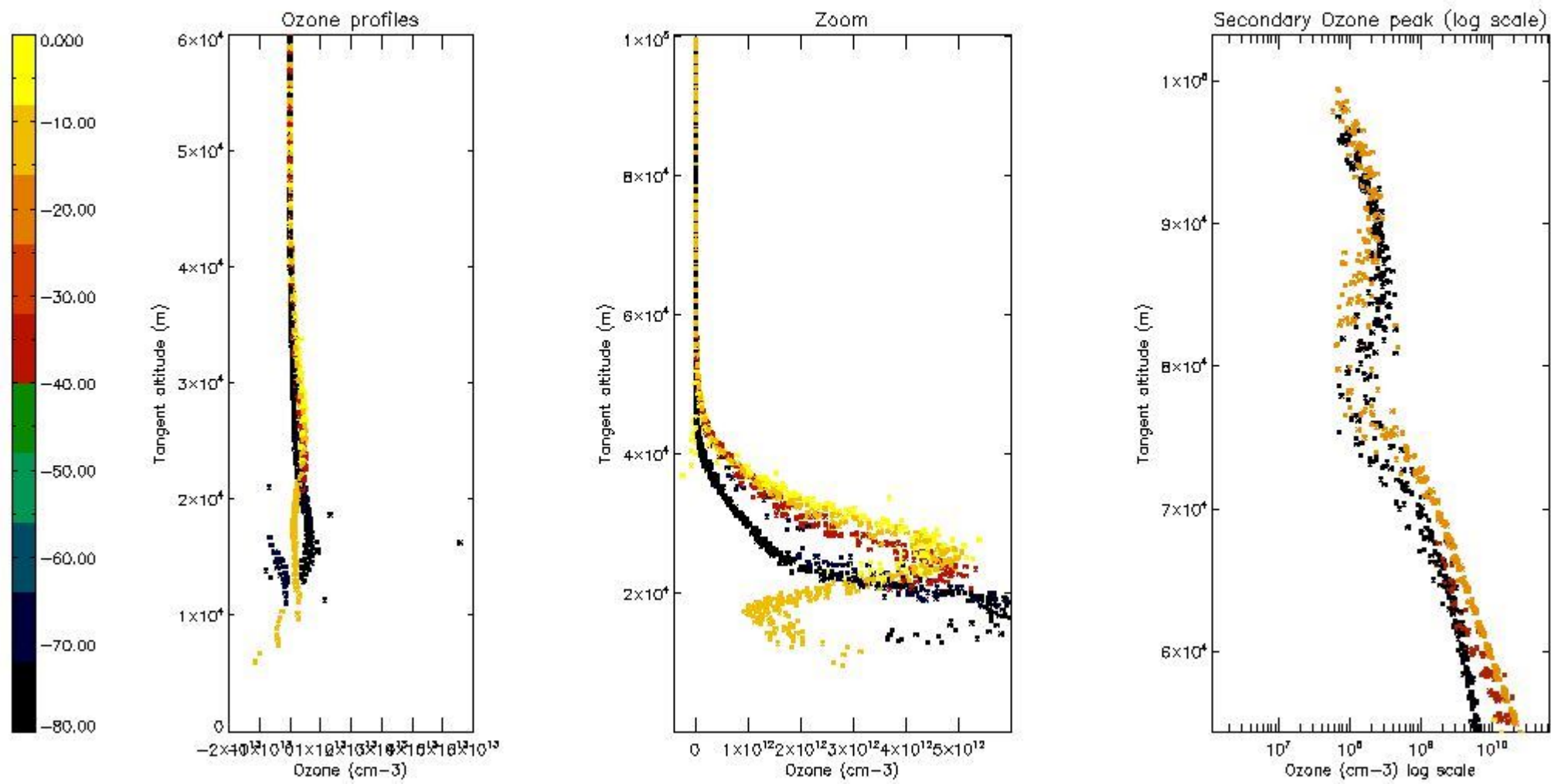
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

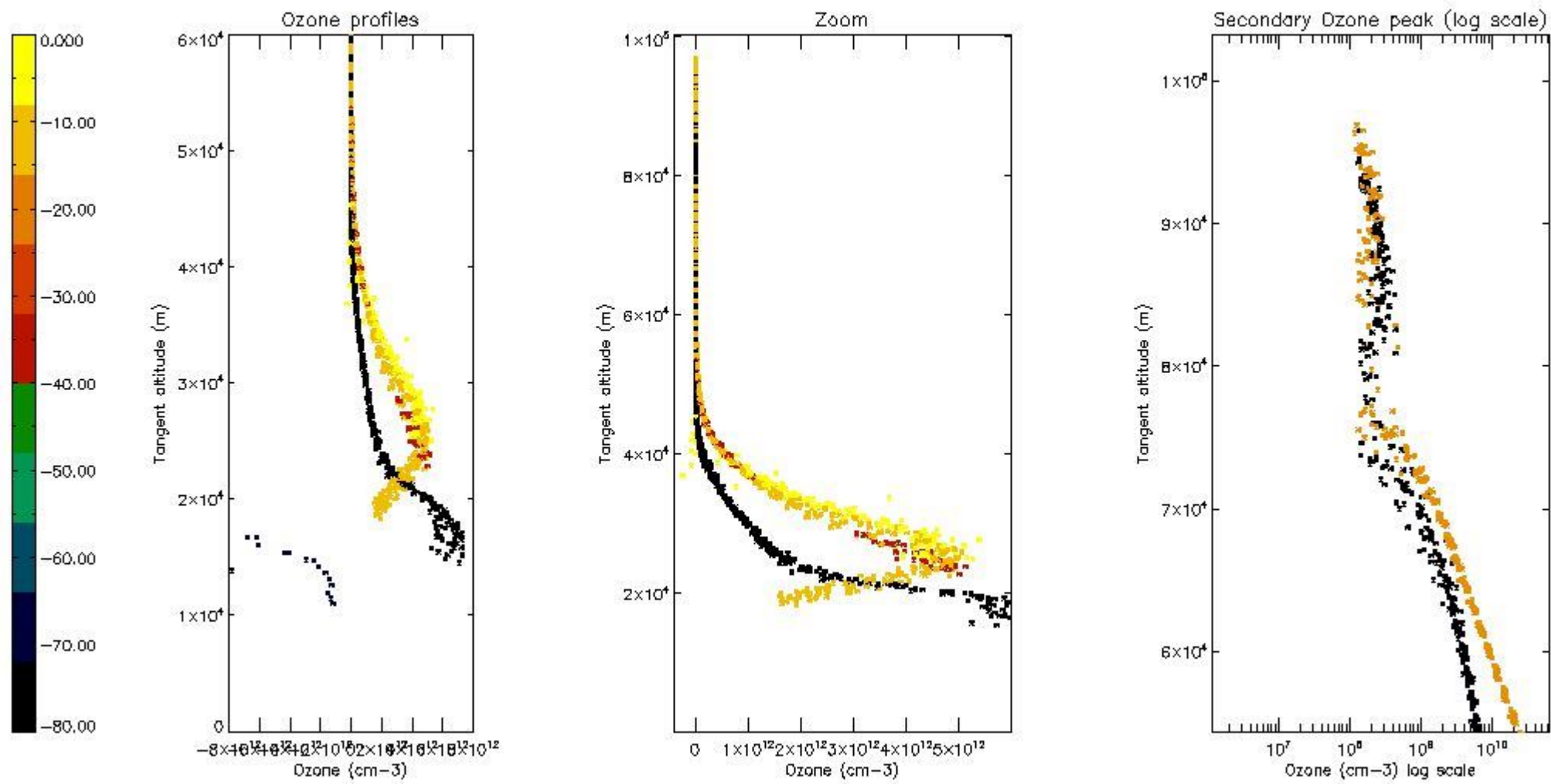
The colorbar represents the latitude.



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

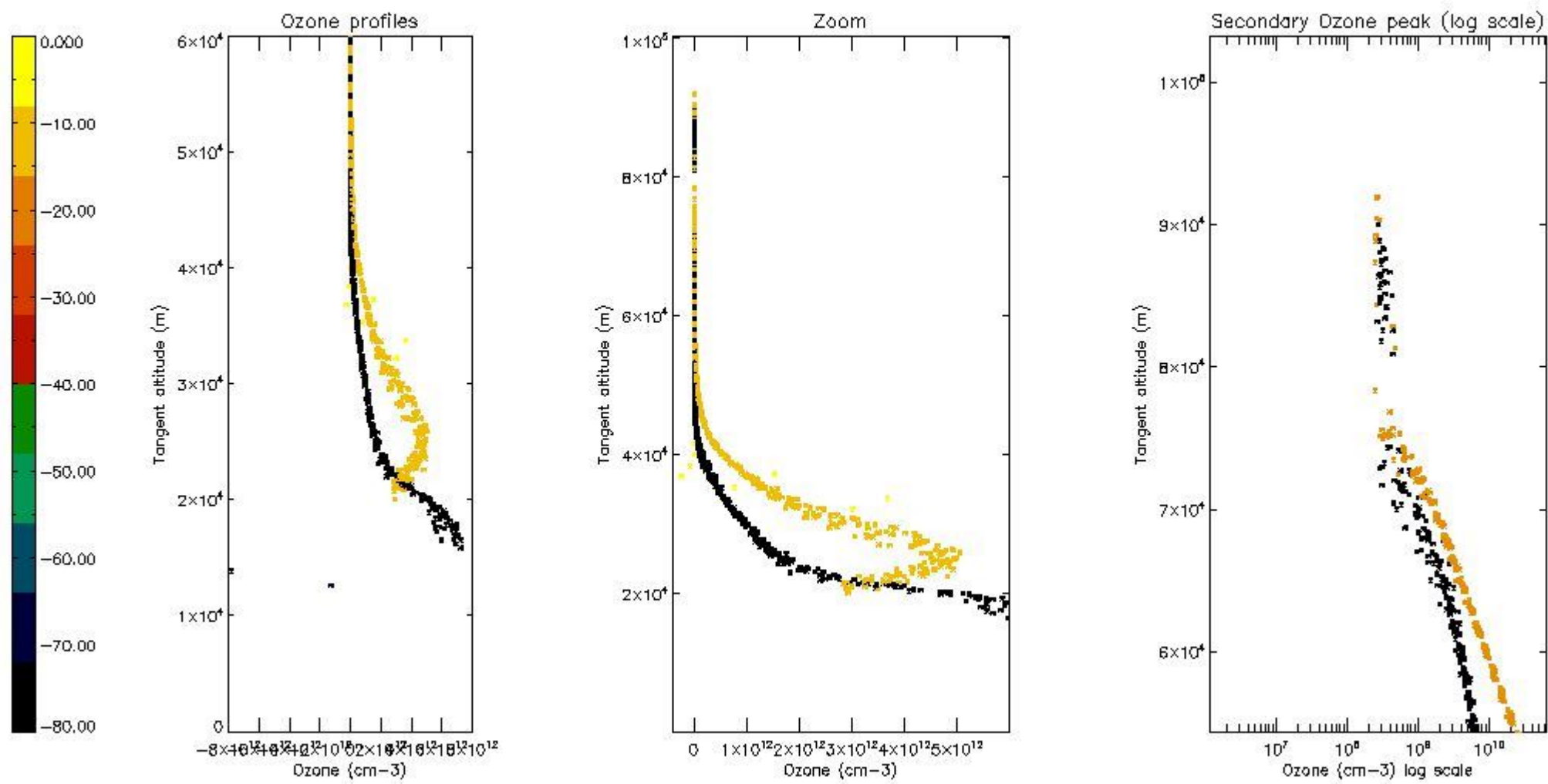
The colorbar represents the latitude.





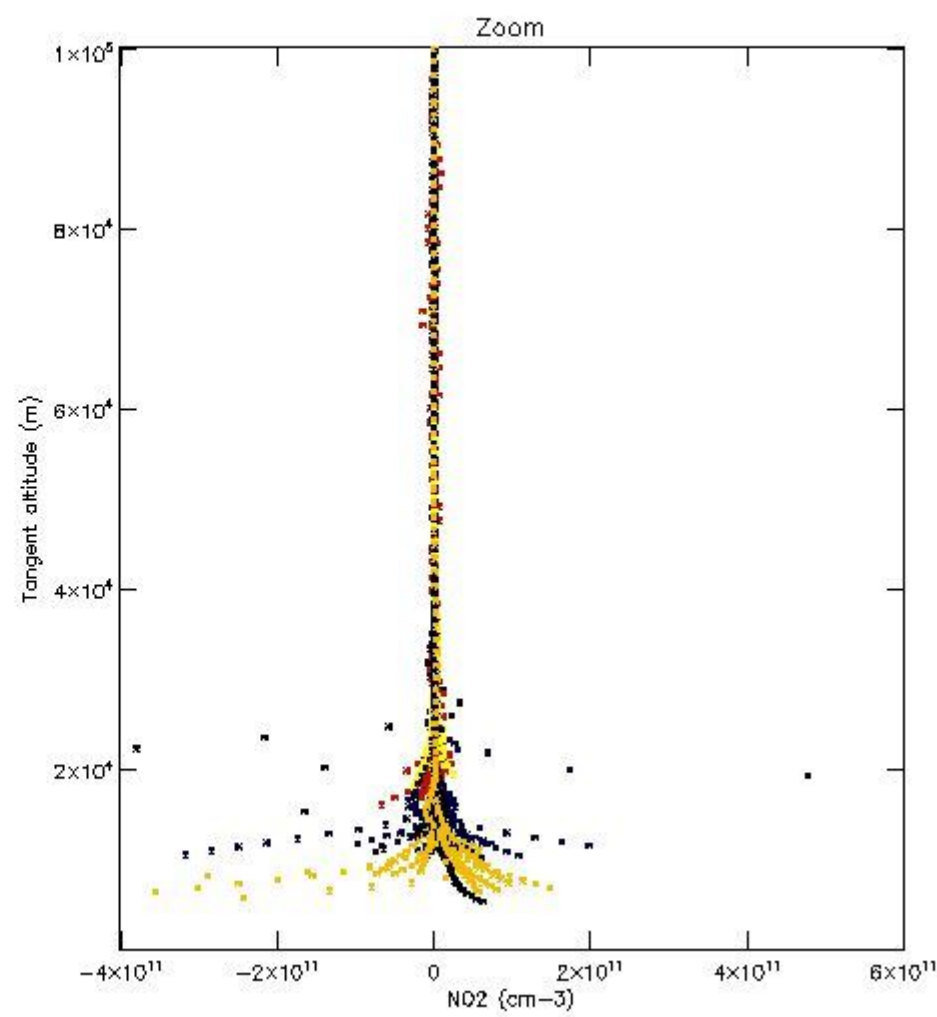
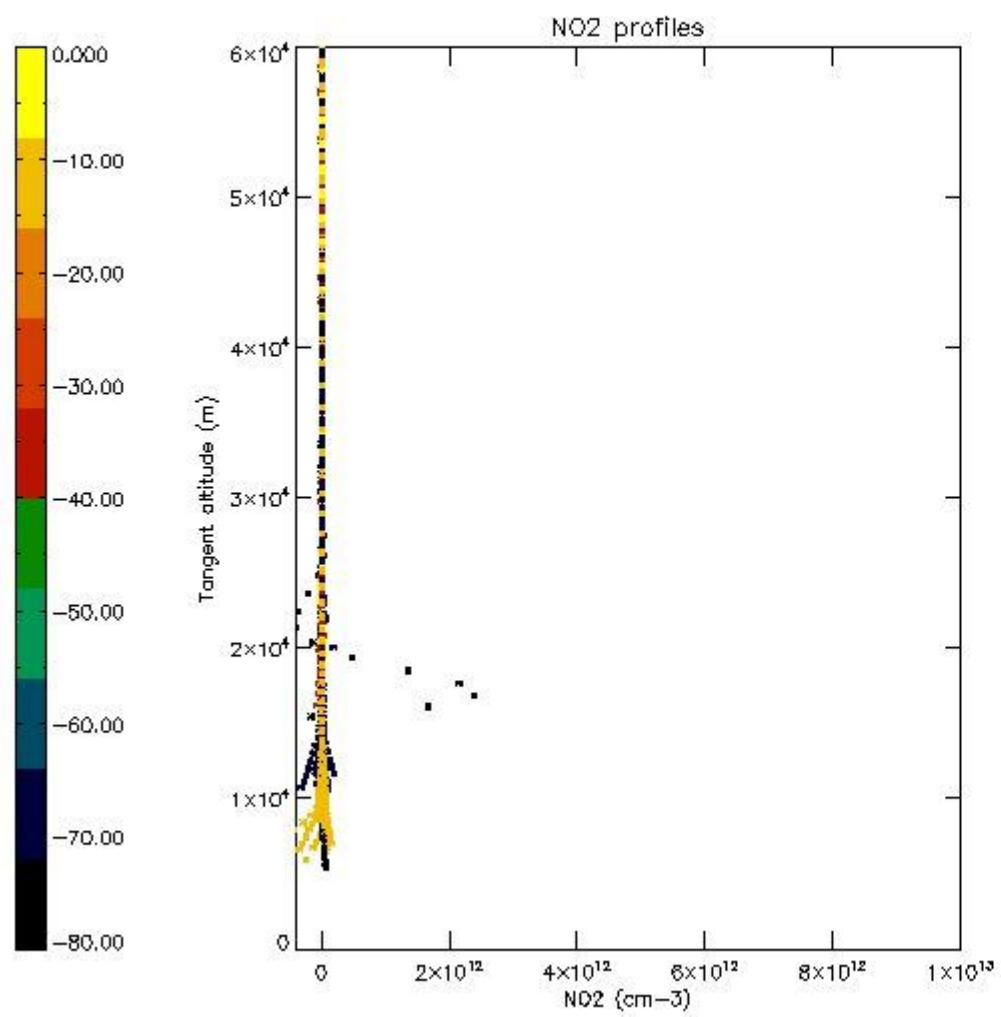
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

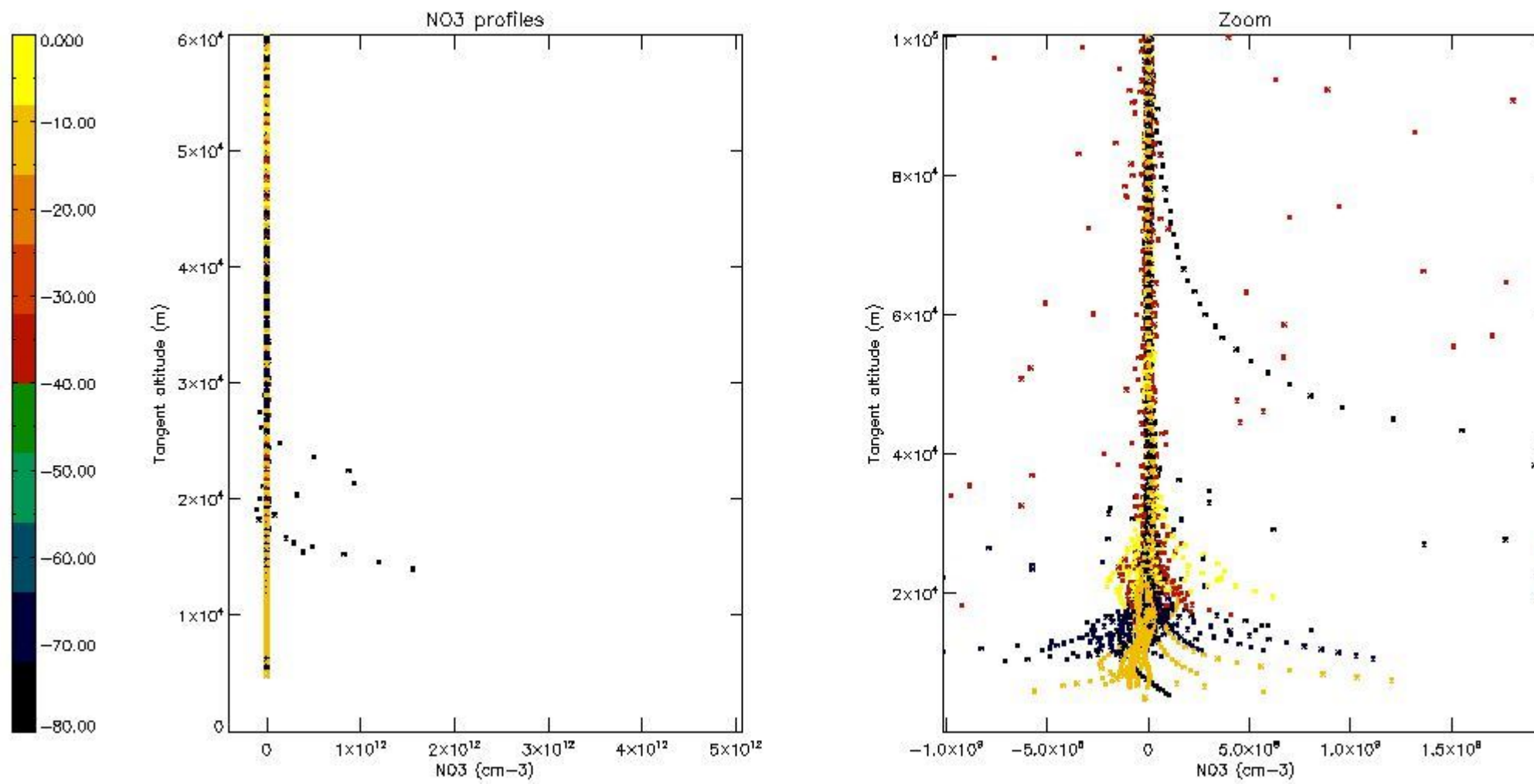
The colorbar represents the latitude.



*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	09-JUL-2008 00:13:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUL-2008 00:13:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUL-2008 00:13:05

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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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](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 17:11:39
Data source version	GOMOS/6.01
Start time of products	09-07-2008 (09JUL2008 00:00:00)
Stop time of products	10-07-2008 (10JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	287
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__2PRFIN20080709_001305_000000422070_00116_33236_5725.N1	09-JUL-2008 00:13:05	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	33236	No
2	GOM_NL__2PRFIN20080709_001544_000000372070_00116_33236_5726.N1	09-JUL-2008 00:15:44	Dark	37.000	165	34Gam Eri	2.9500	3200.0	74	33236	No
3	GOM_NL__2PRFIN20080709_002427_000000422070_00116_33236_5727.N1	09-JUL-2008 00:24:27	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33236	No
4	GOM_NL__2PRFIN20080709_003039_000000402070_00117_33237_5732.N1	09-JUL-2008 00:30:39	Dark	40.000	9	Alp Eri	0.45300	24000.	80	33237	No
5	GOM_NL__2PRFIN20080709_003443_000000362070_00117_33237_5733.N1	09-JUL-2008 00:34:43	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33237	No
6	GOM_NL__2PRFIN20080709_004219_000000402070_00117_33237_5734.N1	09-JUL-2008 00:42:19	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33237	No
7	GOM_NL__2PRFIN20080709_004532_000000392070_00117_33237_5735.N1	09-JUL-2008 00:45:32	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33237	No
8	GOM_NL__2PRFIN20080709_004702_000000382070_00117_33237_5736.N1	09-JUL-2008 00:47:02	Twilight_stray	37.500	147	Alp Ara	2.8770	26000.	75	33237	No
9	GOM_NL__2PRFIN20080709_004853_000000402070_00117_33237_5737.N1	09-JUL-2008 00:48:53	Twilight_stray	39.500	40	The Sco	1.8590	7100.0	79	33237	No
10	GOM_NL__2PRFIN20080709_005032_000000382070_00117_33237_5738.N1	09-JUL-2008 00:50:32	Twilight_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33237	No
11	GOM_NL__2PRFIN20080709_005201_000000422070_00117_33237_5739.N1	09-JUL-2008 00:52:01	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	33237	No
12	GOM_NL__2PRFIN20080709_005642_000000362070_00117_33237_5740.N1	09-JUL-2008 00:56:42	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33237	No
13	GOM_NL__2PRFIN20080709_010205_000000372070_00117_33237_5741.N1	09-JUL-2008 01:02:05	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33237	No
14	GOM_NL__2PRFIN20080709_010422_000000362070_00117_33237_5742.N1	09-JUL-2008 01:04:22	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33237	No
15	GOM_NL__2PRFIN20080709_010727_000000382070_00117_33237_5743.N1	09-JUL-2008 01:07:27	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33237	No
16	GOM_NL__2PRFIN20080709_011003_000000362070_00117_33237_5744.N1	09-JUL-2008 01:10:03	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33237	No
17	GOM_NL__2PRFIN20080709_011531_000000272070_00117_33237_5745.N1	09-JUL-2008 01:15:31	Bright	27.000	69	33Gam Dra	2.2310	3800.0	54	33237	No
18	GOM_NL__2PRFIN20080709_011821_000000372070_00117_33237_5746.N1	09-JUL-2008 01:18:21	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33237	No
19	GOM_NL__2PRFIN20080709_012230_000000372070_00117_33237_5747.N1	09-JUL-2008 01:22:30	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33237	No
20	GOM_NL__2PRFIN20080709_012624_000000322070_00117_33237_5748.N1	09-JUL-2008 01:26:24	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33237	No
21	GOM_NL__2PRFIN20080709_015341_000000382070_00117_33237_5749.N1	09-JUL-2008 01:53:41	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	33237	No
22	GOM_NL__2PRFIN20080709_015620_000000382070_00117_33237_5750.N1	09-JUL-2008 01:56:20	Dark	37.500	165	34Gam Eri	2.9500	3200.0	75	33237	No
23	GOM_NL__2PRFIN20080709_020504_000000392070_00117_33237_5751.N1	09-JUL-2008 02:05:04	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33237	No
24	GOM_NL__2PRFIN20080709_021115_000000412070_00118_33238_5737.N1	09-JUL-2008 02:11:15	Dark	41.000	9	Alp Eri	0.45300	24000.	82	33238	No
25	GOM_NL__2PRFIN20080709_021519_000000372070_00118_33238_5738.N1	09-JUL-2008 02:15:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33238	No
26	GOM_NL__2PRFIN20080709_022256_000000402070_00118_33238_5739.N1	09-JUL-2008 02:22:56	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33238	No
27	GOM_NL__2PRFIN20080709_022608_000000412070_00118_33238_5740.N1	09-JUL-2008 02:26:08	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	33238	No
28	GOM_NL__2PRFIN20080709_022738_000000392070_00118_33238_5741.N1	09-JUL-2008 02:27:38	Twilight_stray	38.500	147	Alp Ara	2.8770	26000.	77	33238	No
29	GOM_NL__2PRFIN20080709_022929_000000392070_00118_33238_5742.N1	09-JUL-2008 02:29:29	Twilight_stray	39.000	40	The Sco	1.8590	7100.0	78	33238	No
30	GOM_NL__2PRFIN20080709_023109_000000392070_00118_33238_5743.N1	09-JUL-2008 02:31:09	Twilight_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33238	No
31	GOM_NL__2PRFIN20080709_023237_000000532070_00118_33238_5744.N1	09-JUL-2008 02:32:37	Bright	53.000	116	19Del Sgr	2.7000	4100.0	106	33238	No
32	GOM_NL__2PRFIN20080709_023718_000000372070_00118_33238_5745.N1	09-JUL-2008 02:37:18	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33238	No
33	GOM_NL__2PRFIN20080709_024241_000000362070_00118_33238_5746.N1	09-JUL-2008 02:42:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33238	No
34	GOM_NL__2PRFIN20080709_024458_000000402070_00118_33238_5747.N1	09-JUL-2008 02:44:58	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	33238	No
35	GOM_NL__2PRFIN20080709_024803_000000382070_00118_33238_5748.N1	09-JUL-2008 02:48:03	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	33238	No
36	GOM_NL__2PRFIN20080709_025039_000000342070_00118_33238_5749.N1	09-JUL-2008 02:50:39	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33238	No
37	GOM_NL__2PRFIN20080709_025607_000000372070_00118_33238_5750.N1	09-JUL-2008 02:56:07	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33238	No
38	GOM_NL__2PRFIN20080709_025857_000000352070_00118_33238_5751.N1	09-JUL-2008 02:58:57	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33238	No
39	GOM_NL__2PRFIN20080709_030306_000000342070_00118_33238_5752.N1	09-JUL-2008 03:03:06	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33238	No
40	GOM_NL__2PRFIN20080709_030700_000000352070_00118_33238_5753.N1	09-JUL-2008 03:07:00	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33238	No
41	GOM_NL__2PRFIN20080709_033417_000000382070_00118_33238_5754.N1	09-JUL-2008 03:34:17	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	33238	No
42	GOM_NL__2PRFIN20080709_033656_000000432070_00118_33238_5755.N1	09-JUL-2008 03:36:56	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33238	No



43	GOM_NL__2PRFIN20080709_034540_000000402070_00118_33238_5756.N1	09-JUL-2008 03:45:40	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33238	No
44	GOM_NL__2PRFIN20080709_035152_000000512070_00119_33239_5764.N1	09-JUL-2008 03:51:52	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33239	No
45	GOM_NL__2PRFIN20080709_035556_000000372070_00119_33239_5765.N1	09-JUL-2008 03:55:56	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33239	No
46	GOM_NL__2PRFIN20080709_040332_000000422070_00119_33239_5766.N1	09-JUL-2008 04:03:32	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33239	No
47	GOM_NL__2PRFIN20080709_040644_000000382070_00119_33239_5767.N1	09-JUL-2008 04:06:44	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	33239	No
48	GOM_NL__2PRFIN20080709_040815_000000372070_00119_33239_5768.N1	09-JUL-2008 04:08:15	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33239	No
49	GOM_NL__2PRFIN20080709_041005_000000412070_00119_33239_5769.N1	09-JUL-2008 04:10:05	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33239	No
50	GOM_NL__2PRFIN20080709_041145_000000422070_00119_33239_5770.N1	09-JUL-2008 04:11:45	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33239	No
51	GOM_NL__2PRFIN20080709_041313_000000442070_00119_33239_5771.N1	09-JUL-2008 04:13:13	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33239	No
52	GOM_NL__2PRFIN20080709_041754_000000372070_00119_33239_5772.N1	09-JUL-2008 04:17:54	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33239	No
53	GOM_NL__2PRFIN20080709_041944_000000382070_00119_33239_5773.N1	09-JUL-2008 04:19:44	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	33239	No
54	GOM_NL__2PRFIN20080709_042317_000000362070_00119_33239_5774.N1	09-JUL-2008 04:23:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33239	No
55	GOM_NL__2PRFIN20080709_042534_000000362070_00119_33239_5775.N1	09-JUL-2008 04:25:34	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33239	No
56	GOM_NL__2PRFIN20080709_042839_000000352070_00119_33239_5776.N1	09-JUL-2008 04:28:39	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33239	No
57	GOM_NL__2PRFIN20080709_043115_000000362070_00119_33239_5777.N1	09-JUL-2008 04:31:15	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33239	No
58	GOM_NL__2PRFIN20080709_043643_000000372070_00119_33239_5778.N1	09-JUL-2008 04:36:43	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33239	No
59	GOM_NL__2PRFIN20080709_043933_000000352070_00119_33239_5779.N1	09-JUL-2008 04:39:33	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33239	No
60	GOM_NL__2PRFIN20080709_044343_000000352070_00119_33239_5780.N1	09-JUL-2008 04:43:43	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33239	No
61	GOM_NL__2PRFIN20080709_044736_000000342070_00119_33239_5781.N1	09-JUL-2008 04:47:36	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33239	No
62	GOM_NL__2PRFIN20080709_051453_000000392070_00119_33239_5782.N1	09-JUL-2008 05:14:53	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	33239	No
63	GOM_NL__2PRFIN20080709_051733_000000432070_00119_33239_5783.N1	09-JUL-2008 05:17:33	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33239	No
64	GOM_NL__2PRFIN20080709_052617_000000412070_00119_33239_5784.N1	09-JUL-2008 05:26:17	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33239	No
65	GOM_NL__2PRFIN20080709_053228_000000422070_00120_33240_5774.N1	09-JUL-2008 05:32:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33240	No
66	GOM_NL__2PRFIN20080709_053632_000000372070_00120_33240_5775.N1	09-JUL-2008 05:36:32	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33240	No
67	GOM_NL__2PRFIN20080709_054409_000000412070_00120_33240_5776.N1	09-JUL-2008 05:44:09	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33240	No
68	GOM_NL__2PRFIN20080709_054720_000000482070_00120_33240_5777.N1	09-JUL-2008 05:47:20	Straylight	47.500	141	Bet Ara	2.8400	4600.0	95	33240	No
69	GOM_NL__2PRFIN20080709_054851_000000382070_00120_33240_5778.N1	09-JUL-2008 05:48:51	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33240	No
70	GOM_NL__2PRFIN20080709_055041_000000402070_00120_33240_5779.N1	09-JUL-2008 05:50:41	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33240	No
71	GOM_NL__2PRFIN20080709_055221_000000402070_00120_33240_5780.N1	09-JUL-2008 05:52:21	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33240	No
72	GOM_NL__2PRFIN20080709_055350_000000422070_00120_33240_5781.N1	09-JUL-2008 05:53:50	Bright	41.500	116	19Del Sgr	2.7000	4100.0	83	33240	No
73	GOM_NL__2PRFIN20080709_055830_000000372070_00120_33240_5782.N1	09-JUL-2008 05:58:30	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33240	No
74	GOM_NL__2PRFIN20080709_060353_000000362070_00120_33240_5783.N1	09-JUL-2008 06:03:53	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33240	No
75	GOM_NL__2PRFIN20080709_060610_000000362070_00120_33240_5784.N1	09-JUL-2008 06:06:10	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33240	No
76	GOM_NL__2PRFIN20080709_060916_000000382070_00120_33240_5785.N1	09-JUL-2008 06:09:16	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33240	No
77	GOM_NL__2PRFIN20080709_061151_000000372070_00120_33240_5786.N1	09-JUL-2008 06:11:51	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33240	No
78	GOM_NL__2PRFIN20080709_061718_000000392070_00120_33240_5787.N1	09-JUL-2008 06:17:18	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33240	No
79	GOM_NL__2PRFIN20080709_062009_000000362070_00120_33240_5788.N1	09-JUL-2008 06:20:09	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33240	No
80	GOM_NL__2PRFIN20080709_062419_000000372070_00120_33240_5789.N1	09-JUL-2008 06:24:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33240	No
81	GOM_NL__2PRFIN20080709_062812_000000342070_00120_33240_5790.N1	09-JUL-2008 06:28:12	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33240	No
82	GOM_NL__2PRFIN20080709_065529_000000432070_00120_33240_5791.N1	09-JUL-2008 06:55:29	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	33240	No
83	GOM_NL__2PRFIN20080709_065809_000000452070_00120_33240_5792.N1	09-JUL-2008 06:58:09	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33240	No
84	GOM_NL__2PRFIN20080709_070653_000000412070_00120_33240_5793.N1	09-JUL-2008 07:06:53	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33240	No
85	GOM_NL__2PRFIN20080709_071305_000000512070_00121_33241_5772.N1	09-JUL-2008 07:13:05	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33241	No
86	GOM_NL__2PRFIN20080709_071708_000000362070_00121_33241_5773.N1	09-JUL-2008 07:17:08	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33241	No
87	GOM_NL__2PRFIN20080709_072445_000000392070_00121_33241_5774.N1	09-JUL-2008 07:24:45	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33241	No
88	GOM_NL__2PRFIN20080709_072756_000000392070_00121_33241_5775.N1	09-JUL-2008 07:27:56	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33241	No
89	GOM_NL__2PRFIN20080709_072927_000000372070_00121_33241_5776.N1	09-JUL-2008 07:29:27	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33241	No
90	GOM_NL__2PRFIN20080709_073117_000000392070_00121_33241_5777.N1	09-JUL-2008 07:31:17	Twi_and_stray	39.000	40	The Sco	1.8590	7100.0	78	33241	No
91	GOM_NL__2PRFIN20080709_073257_000000382070_00121_33241_5778.N1	09-JUL-2008 07:32:57	Twi_and_stray	38.000	25	35Lam Sco	1.6200	28000.	76	33241	No
92	GOM_NL__2PRFIN20080709_073426_000000472070_00121_33241_5779.N1	09-JUL-2008 07:34:26	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33241	No
93	GOM_NL__2PRFIN20080709_073906_000000362070_00121_33241_5780.N1	09-JUL-2008 07:39:06	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33241	No
94	GOM_NL__2PRFIN20080709_074056_000000372070_00121_33241_5781.N1	09-JUL-2008 07:40:56	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33241	No
95	GOM_NL__2PRFIN20080709_074429_000000362070_00121_33241_5782.N1	09-JUL-2008 07:44:29	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33241	No
96	GOM_NL__2PRFIN20080709_074646_000000352070_00121_33241_5783.N1	09-JUL-2008 07:46:46	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33241	No
97	GOM_NL__2PRFIN20080709_074952_000000372070_00121_33241_5784.N1	09-JUL-2008 07:49:52	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33241	No
98	GOM_NL__2PRFIN20080709_075228_000000372070_00121_33241_5785.N1	09-JUL-2008 07:52:28	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33241	No
99	GOM_NL__2PRFIN20080709_075754_000000392070_00121_33241_5786.N1	09-JUL-2008 07:57:54	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33241	No
100	GOM_NL__2PRFIN20080709_080045_000000362070_00121_33241_5787.N1	09-JUL-2008 08:00:45	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33241	No
101	GOM_NL__2PRFIN20080709_080455_000000342070_00121_33241_5788.N1	09-JUL-2008 08:04:55	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33241	No

102	GOM_NL__2PRFIN20080709_080848_000000332070_00121_33241_5789.N1	09-JUL-2008 08:08:48	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33241	No
103	GOM_NL__2PRFIN20080709_083605_000000432070_00121_33241_5790.N1	09-JUL-2008 08:36:05	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	33241	No
104	GOM_NL__2PRFIN20080709_083846_000000452070_00121_33241_5791.N1	09-JUL-2008 08:38:46	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33241	No
105	GOM_NL__2PRFIN20080709_084730_000000412070_00121_33241_5792.N1	09-JUL-2008 08:47:30	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33241	No
106	GOM_NL__2PRFIN20080709_085341_000000522070_00122_33242_5809.N1	09-JUL-2008 08:53:41	Dark	51.500	9	Alp Eri	0.45300	24000.	103	33242	No
107	GOM_NL__2PRFIN20080709_085744_000000362070_00122_33242_5810.N1	09-JUL-2008 08:57:44	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33242	No
108	GOM_NL__2PRFIN20080709_090521_000000412070_00122_33242_5811.N1	09-JUL-2008 09:05:21	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33242	No
109	GOM_NL__2PRFIN20080709_090832_000000422070_00122_33242_5812.N1	09-JUL-2008 09:08:32	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	33242	No
110	GOM_NL__2PRFIN20080709_091003_000000392070_00122_33242_5813.N1	09-JUL-2008 09:10:03	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33242	No
111	GOM_NL__2PRFIN20080709_091154_000000412070_00122_33242_5814.N1	09-JUL-2008 09:11:54	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33242	No
112	GOM_NL__2PRFIN20080709_091333_000000392070_00122_33242_5815.N1	09-JUL-2008 09:13:33	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33242	No
113	GOM_NL__2PRFIN20080709_091612_000000402070_00122_33242_5816.N1	09-JUL-2008 09:16:12	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33242	No
114	GOM_NL__2PRFIN20080709_091942_000000372070_00122_33242_5817.N1	09-JUL-2008 09:19:42	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33242	No
115	GOM_NL__2PRFIN20080709_092132_000000262070_00122_33242_5818.N1	09-JUL-2008 09:21:32	Bright	26.000	98	13Zet Oph	2.5710	30000.	52	33242	No
116	GOM_NL__2PRFIN20080709_092505_000000352070_00122_33242_5819.N1	09-JUL-2008 09:25:05	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33242	No
117	GOM_NL__2PRFIN20080709_092722_000000372070_00122_33242_5820.N1	09-JUL-2008 09:27:22	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33242	No
118	GOM_NL__2PRFIN20080709_093028_000000342070_00122_33242_5821.N1	09-JUL-2008 09:30:28	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33242	No
119	GOM_NL__2PRFIN20080709_093304_000000362070_00122_33242_5822.N1	09-JUL-2008 09:33:04	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33242	No
120	GOM_NL__2PRFIN20080709_093830_000000372070_00122_33242_5823.N1	09-JUL-2008 09:38:30	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	33242	No
121	GOM_NL__2PRFIN20080709_094121_000000362070_00122_33242_5824.N1	09-JUL-2008 09:41:21	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33242	No
122	GOM_NL__2PRFIN20080709_094531_000000332070_00122_33242_5825.N1	09-JUL-2008 09:45:31	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33242	No
123	GOM_NL__2PRFIN20080709_094924_000000372070_00122_33242_5826.N1	09-JUL-2008 09:49:24	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33242	No
124	GOM_NL__2PRFIN20080709_101641_000000442070_00122_33242_5827.N1	09-JUL-2008 10:16:41	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	33242	No
125	GOM_NL__2PRFIN20080709_101922_000000452070_00122_33242_5828.N1	09-JUL-2008 10:19:22	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33242	No
126	GOM_NL__2PRFIN20080709_102806_000000422070_00122_33242_5829.N1	09-JUL-2008 10:28:06	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33242	No
127	GOM_NL__2PRFIN20080709_103418_000000492070_00123_33243_5821.N1	09-JUL-2008 10:34:18	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33243	No
128	GOM_NL__2PRFIN20080709_103820_000000372070_00123_33243_5822.N1	09-JUL-2008 10:38:20	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33243	No
129	GOM_NL__2PRFIN20080709_104558_000000412070_00123_33243_5823.N1	09-JUL-2008 10:45:58	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33243	No
130	GOM_NL__2PRFIN20080709_104908_000000392070_00123_33243_5824.N1	09-JUL-2008 10:49:08	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33243	No
131	GOM_NL__2PRFIN20080709_105039_000000392070_00123_33243_5825.N1	09-JUL-2008 10:50:39	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33243	No
132	GOM_NL__2PRFIN20080709_105230_000000422070_00123_33243_5826.N1	09-JUL-2008 10:52:30	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33243	No
133	GOM_NL__2PRFIN20080709_105409_000000412070_00123_33243_5827.N1	09-JUL-2008 10:54:09	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33243	No
134	GOM_NL__2PRFIN20080709_105648_000000382070_00123_33243_5828.N1	09-JUL-2008 10:56:48	Bright	37.500	137	22Lam Sgr	2.8240	4400.0	75	33243	No
135	GOM_NL__2PRFIN20080709_110018_000000362070_00123_33243_5829.N1	09-JUL-2008 11:00:18	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33243	No
136	GOM_NL__2PRFIN20080709_110208_000000262070_00123_33243_5830.N1	09-JUL-2008 11:02:08	Bright	26.000	98	13Zet Oph	2.5710	30000.	52	33243	No
137	GOM_NL__2PRFIN20080709_110541_000000362070_00123_33243_5831.N1	09-JUL-2008 11:05:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33243	No
138	GOM_NL__2PRFIN20080709_110758_000000352070_00123_33243_5832.N1	09-JUL-2008 11:07:58	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33243	No
139	GOM_NL__2PRFIN20080709_111104_000000372070_00123_33243_5833.N1	09-JUL-2008 11:11:04	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33243	No
140	GOM_NL__2PRFIN20080709_111340_000000352070_00123_33243_5834.N1	09-JUL-2008 11:13:40	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33243	No
141	GOM_NL__2PRFIN20080709_111906_000000412070_00123_33243_5835.N1	09-JUL-2008 11:19:06	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	33243	No
142	GOM_NL__2PRFIN20080709_112157_000000362070_00123_33243_5836.N1	09-JUL-2008 11:21:57	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33243	No
143	GOM_NL__2PRFIN20080709_112607_000000342070_00123_33243_5837.N1	09-JUL-2008 11:26:07	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33243	No
144	GOM_NL__2PRFIN20080709_112959_000000382070_00123_33243_5838.N1	09-JUL-2008 11:29:59	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	33243	No
145	GOM_NL__2PRFIN20080709_115717_000000502070_00123_33243_5839.N1	09-JUL-2008 11:57:17	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	33243	No
146	GOM_NL__2PRFIN20080709_115958_000000452070_00123_33243_5840.N1	09-JUL-2008 11:59:58	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33243	No
147	GOM_NL__2PRFIN20080709_120843_000000402070_00123_33243_5841.N1	09-JUL-2008 12:08:43	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33243	No
148	GOM_NL__2PRFIN20080709_121454_000000442070_00124_33244_5824.N1	09-JUL-2008 12:14:54	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33244	No
149	GOM_NL__2PRFIN20080709_121857_000000362070_00124_33244_5825.N1	09-JUL-2008 12:18:57	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33244	No
150	GOM_NL__2PRFIN20080709_122634_000000392070_00124_33244_5826.N1	09-JUL-2008 12:26:34	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33244	No
151	GOM_NL__2PRFIN20080709_122944_000000392070_00124_33244_5827.N1	09-JUL-2008 12:29:44	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33244	No
152	GOM_NL__2PRFIN20080709_123115_000000372070_00124_33244_5828.N1	09-JUL-2008 12:31:15	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33244	No
153	GOM_NL__2PRFIN20080709_123306_000000432070_00124_33244_5829.N1	09-JUL-2008 12:33:06	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33244	No
154	GOM_NL__2PRFIN20080709_123445_000000382070_00124_33244_5830.N1	09-JUL-2008 12:34:45	Twi_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33244	No
155	GOM_NL__2PRFIN20080709_123724_000000372070_00124_33244_5831.N1	09-JUL-2008 12:37:24	Bright	36.500	137	22Lam Sgr	2.8240	4400.0	73	33244	No
156	GOM_NL__2PRFIN20080709_124054_000000372070_00124_33244_5832.N1	09-JUL-2008 12:40:54	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33244	No
157	GOM_NL__2PRFIN20080709_124617_000000362070_00124_33244_5833.N1	09-JUL-2008 12:46:17	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33244	No
158	GOM_NL__2PRFIN20080709_124834_000000362070_00124_33244_5834.N1	09-JUL-2008 12:48:34	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33244	No
159	GOM_NL__2PRFIN20080709_125140_000000372070_00124_33244_5835.N1	09-JUL-2008 12:51:40	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33244	No
160	GOM_NL__2PRFIN20080709_125416_000000372070_00124_33244_5836.N1	09-JUL-2008 12:54:16	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33244	No

161	GOM_NL__2PRFIN20080709_125941_000000402070_00124_33244_5837.N1	09-JUL-2008 12:59:41	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33244	No
162	GOM_NL__2PRFIN20080709_130233_000000372070_00124_33244_5838.N1	09-JUL-2008 13:02:33	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33244	No
163	GOM_NL__2PRFIN20080709_130643_000000382070_00124_33244_5839.N1	09-JUL-2008 13:06:43	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33244	No
164	GOM_NL__2PRFIN20080709_131035_000000362070_00124_33244_5840.N1	09-JUL-2008 13:10:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33244	No
165	GOM_NL__2PRFIN20080709_133753_000000412070_00124_33244_5841.N1	09-JUL-2008 13:37:53	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	33244	No
166	GOM_NL__2PRFIN20080709_134034_000000442070_00124_33244_5842.N1	09-JUL-2008 13:40:34	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33244	No
167	GOM_NL__2PRFIN20080709_134919_000000392070_00124_33244_5843.N1	09-JUL-2008 13:49:19	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33244	No
168	GOM_NL__2PRFIN20080709_135531_000000492070_00125_33245_5820.N1	09-JUL-2008 13:55:31	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33245	No
169	GOM_NL__2PRFIN20080709_135933_000000382070_00125_33245_5821.N1	09-JUL-2008 13:59:33	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33245	No
170	GOM_NL__2PRFIN20080709_140710_000000392070_00125_33245_5822.N1	09-JUL-2008 14:07:10	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33245	No
171	GOM_NL__2PRFIN20080709_141020_000000442070_00125_33245_5823.N1	09-JUL-2008 14:10:20	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	33245	No
172	GOM_NL__2PRFIN20080709_141151_000000382070_00125_33245_5824.N1	09-JUL-2008 14:11:51	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33245	No
173	GOM_NL__2PRFIN20080709_141342_000000442070_00125_33245_5825.N1	09-JUL-2008 14:13:42	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	33245	No
174	GOM_NL__2PRFIN20080709_141521_000000372070_00125_33245_5826.N1	09-JUL-2008 14:15:21	Twi_and_stray	37.000	25	35Lam Sco	1.6200	28000.	74	33245	No
175	GOM_NL__2PRFIN20080709_141800_000000432070_00125_33245_5827.N1	09-JUL-2008 14:18:00	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	33245	No
176	GOM_NL__2PRFIN20080709_142131_000000372070_00125_33245_5828.N1	09-JUL-2008 14:21:31	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33245	No
177	GOM_NL__2PRFIN20080709_142653_000000352070_00125_33245_5829.N1	09-JUL-2008 14:26:53	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	33245	No
178	GOM_NL__2PRFIN20080709_142910_000000352070_00125_33245_5830.N1	09-JUL-2008 14:29:10	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	33245	No
179	GOM_NL__2PRFIN20080709_143217_000000342070_00125_33245_5831.N1	09-JUL-2008 14:32:17	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33245	No
180	GOM_NL__2PRFIN20080709_143452_000000372070_00125_33245_5832.N1	09-JUL-2008 14:34:52	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33245	No
181	GOM_NL__2PRFIN20080709_144017_000000392070_00125_33245_5833.N1	09-JUL-2008 14:40:17	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	33245	No
182	GOM_NL__2PRFIN20080709_144310_000000362070_00125_33245_5834.N1	09-JUL-2008 14:43:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33245	No
183	GOM_NL__2PRFIN20080709_144719_000000382070_00125_33245_5835.N1	09-JUL-2008 14:47:19	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33245	No
184	GOM_NL__2PRFIN20080709_145111_000000332070_00125_33245_5836.N1	09-JUL-2008 14:51:11	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33245	No
185	GOM_NL__2PRFIN20080709_151830_000000432070_00125_33245_5837.N1	09-JUL-2008 15:18:30	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	33245	No
186	GOM_NL__2PRFIN20080709_152111_000000442070_00125_33245_5838.N1	09-JUL-2008 15:21:11	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33245	No
187	GOM_NL__2PRFIN20080709_152956_000000402070_00125_33245_5839.N1	09-JUL-2008 15:29:56	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33245	No
188	GOM_NL__2PRFIN20080709_153607_000000502070_00126_33246_5862.N1	09-JUL-2008 15:36:07	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33246	No
189	GOM_NL__2PRFIN20080709_154009_000000372070_00126_33246_5863.N1	09-JUL-2008 15:40:09	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33246	No
190	GOM_NL__2PRFIN20080709_154747_000000402070_00126_33246_5864.N1	09-JUL-2008 15:47:47	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33246	No
191	GOM_NL__2PRFIN20080709_155056_000000402070_00126_33246_5865.N1	09-JUL-2008 15:50:56	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	33246	No
192	GOM_NL__2PRFIN20080709_155227_000000372070_00126_33246_5866.N1	09-JUL-2008 15:52:27	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33246	No
193	GOM_NL__2PRFIN20080709_155418_000000422070_00126_33246_5867.N1	09-JUL-2008 15:54:18	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33246	No
194	GOM_NL__2PRFIN20080709_155558_000000402070_00126_33246_5868.N1	09-JUL-2008 15:55:58	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33246	No
195	GOM_NL__2PRFIN20080709_155836_000000402070_00126_33246_5869.N1	09-JUL-2008 15:58:36	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33246	No
196	GOM_NL__2PRFIN20080709_160207_000000372070_00126_33246_5870.N1	09-JUL-2008 16:02:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33246	No
197	GOM_NL__2PRFIN20080709_160729_000000362070_00126_33246_5871.N1	09-JUL-2008 16:07:29	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33246	No
198	GOM_NL__2PRFIN20080709_160946_000000372070_00126_33246_5872.N1	09-JUL-2008 16:09:46	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33246	No
199	GOM_NL__2PRFIN20080709_161253_000000352070_00126_33246_5873.N1	09-JUL-2008 16:12:53	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33246	No
200	GOM_NL__2PRFIN20080709_161528_000000362070_00126_33246_5874.N1	09-JUL-2008 16:15:28	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33246	No
201	GOM_NL__2PRFIN20080709_162053_000000342070_00126_33246_5875.N1	09-JUL-2008 16:20:53	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	33246	No
202	GOM_NL__2PRFIN20080709_162346_000000352070_00126_33246_5876.N1	09-JUL-2008 16:23:46	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33246	No
203	GOM_NL__2PRFIN20080709_162755_000000332070_00126_33246_5877.N1	09-JUL-2008 16:27:55	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33246	No
204	GOM_NL__2PRFIN20080709_163147_000000362070_00126_33246_5878.N1	09-JUL-2008 16:31:47	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33246	No
205	GOM_NL__2PRFIN20080709_165906_000000392070_00126_33246_5879.N1	09-JUL-2008 16:59:06	Dark	39.000	7	19Bet Ori	0.10000	14000.	78	33246	No
206	GOM_NL__2PRFIN20080709_170147_000000452070_00126_33246_5880.N1	09-JUL-2008 17:01:47	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	33246	No
207	GOM_NL__2PRFIN20080709_171032_000000412070_00126_33246_5881.N1	09-JUL-2008 17:10:32	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33246	No
208	GOM_NL__2PRFIN20080709_171644_000000492070_00127_33247_5884.N1	09-JUL-2008 17:16:44	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33247	No
209	GOM_NL__2PRFIN20080709_172045_000000372070_00127_33247_5885.N1	09-JUL-2008 17:20:45	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33247	No
210	GOM_NL__2PRFIN20080709_172823_000000402070_00127_33247_5886.N1	09-JUL-2008 17:28:23	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33247	No
211	GOM_NL__2PRFIN20080709_173132_000000392070_00127_33247_5887.N1	09-JUL-2008 17:31:32	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33247	No
212	GOM_NL__2PRFIN20080709_173303_000000382070_00127_33247_5888.N1	09-JUL-2008 17:33:03	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33247	No
213	GOM_NL__2PRFIN20080709_173454_000000432070_00127_33247_5889.N1	09-JUL-2008 17:34:54	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33247	No
214	GOM_NL__2PRFIN20080709_173634_000000412070_00127_33247_5890.N1	09-JUL-2008 17:36:34	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33247	No
215	GOM_NL__2PRFIN20080709_173912_000000412070_00127_33247_5891.N1	09-JUL-2008 17:39:12	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	33247	No
216	GOM_NL__2PRFIN20080709_174243_000000362070_00127_33247_5892.N1	09-JUL-2008 17:42:43	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33247	No
217	GOM_NL__2PRFIN20080709_174805_000000372070_00127_33247_5893.N1	09-JUL-2008 17:48:05	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33247	No
218	GOM_NL__2PRFIN20080709_175022_000000382070_00127_33247_5894.N1	09-JUL-2008 17:50:22	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33247	No
219	GOM_NL__2PRFIN20080709_175329_000000382070_00127_33247_5895.N1	09-JUL-2008 17:53:29	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	33247	No



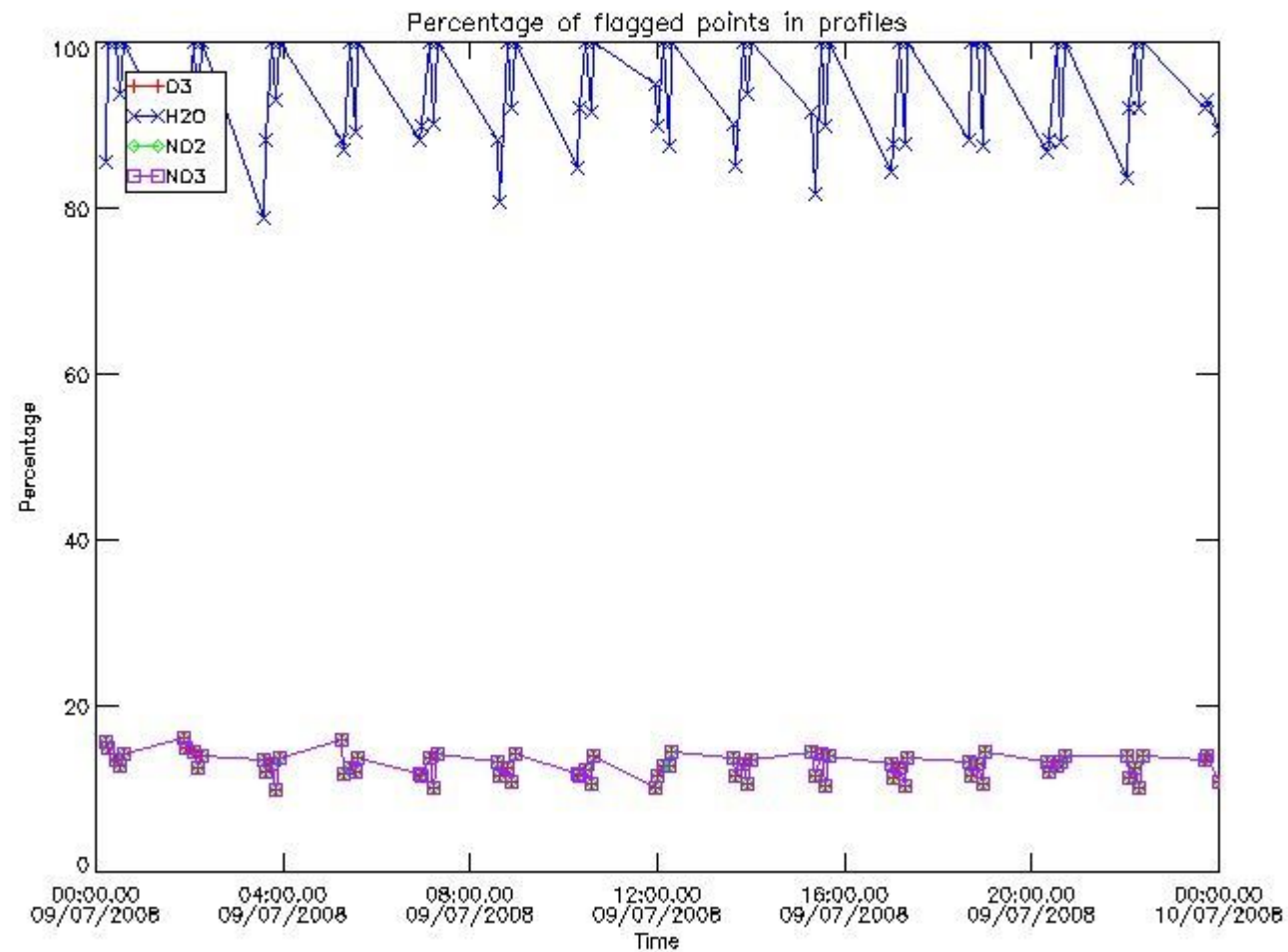
220	GOM_NL__2PRFIN20080709_175604_000000352070_00127_33247_5896.N1	09-JUL-2008 17:56:04	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33247	No
221	GOM_NL__2PRFIN20080709_180129_000000402070_00127_33247_5897.N1	09-JUL-2008 18:01:29	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33247	No
222	GOM_NL__2PRFIN20080709_180422_000000362070_00127_33247_5898.N1	09-JUL-2008 18:04:22	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33247	No
223	GOM_NL__2PRFIN20080709_180832_000000342070_00127_33247_5899.N1	09-JUL-2008 18:08:32	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	33247	No
224	GOM_NL__2PRFIN20080709_181223_000000362070_00127_33247_5900.N1	09-JUL-2008 18:12:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33247	No
225	GOM_NL__2PRFIN20080709_183942_000000392070_00127_33247_5901.N1	09-JUL-2008 18:39:42	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	33247	No
226	GOM_NL__2PRFIN20080709_184224_000000442070_00127_33247_5902.N1	09-JUL-2008 18:42:24	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33247	No
227	GOM_NL__2PRFIN20080709_185109_000000392070_00127_33247_5903.N1	09-JUL-2008 18:51:09	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33247	No
228	GOM_NL__2PRFIN20080709_185720_000000492070_00128_33248_5900.N1	09-JUL-2008 18:57:20	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33248	No
229	GOM_NL__2PRFIN20080709_190121_000000362070_00128_33248_5901.N1	09-JUL-2008 19:01:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33248	No
230	GOM_NL__2PRFIN20080709_190900_000000412070_00128_33248_5902.N1	09-JUL-2008 19:09:00	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33248	No
231	GOM_NL__2PRFIN20080709_191209_000000452070_00128_33248_5903.N1	09-JUL-2008 19:12:09	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	33248	No
232	GOM_NL__2PRFIN20080709_191340_000000372070_00128_33248_5904.N1	09-JUL-2008 19:13:40	Tw_i_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33248	No
233	GOM_NL__2PRFIN20080709_191530_000000412070_00128_33248_5905.N1	09-JUL-2008 19:15:30	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33248	No
234	GOM_NL__2PRFIN20080709_191710_000000422070_00128_33248_5906.N1	09-JUL-2008 19:17:10	Tw_i_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	33248	No
235	GOM_NL__2PRFIN20080709_191949_000000402070_00128_33248_5907.N1	09-JUL-2008 19:19:49	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33248	No
236	GOM_NL__2PRFIN20080709_192319_000000362070_00128_33248_5908.N1	09-JUL-2008 19:23:19	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33248	No
237	GOM_NL__2PRFIN20080709_192841_000000362070_00128_33248_5909.N1	09-JUL-2008 19:28:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33248	No
238	GOM_NL__2PRFIN20080709_193058_000000372070_00128_33248_5910.N1	09-JUL-2008 19:30:58	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33248	No
239	GOM_NL__2PRFIN20080709_193405_000000352070_00128_33248_5911.N1	09-JUL-2008 19:34:05	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33248	No
240	GOM_NL__2PRFIN20080709_193640_000000352070_00128_33248_5912.N1	09-JUL-2008 19:36:40	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33248	No
241	GOM_NL__2PRFIN20080709_194205_000000402070_00128_33248_5913.N1	09-JUL-2008 19:42:05	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	33248	No
242	GOM_NL__2PRFIN20080709_194458_000000362070_00128_33248_5914.N1	09-JUL-2008 19:44:58	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33248	No
243	GOM_NL__2PRFIN20080709_194908_000000372070_00128_33248_5915.N1	09-JUL-2008 19:49:08	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33248	No
244	GOM_NL__2PRFIN20080709_195259_000000362070_00128_33248_5916.N1	09-JUL-2008 19:52:59	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33248	No
245	GOM_NL__2PRFIN20080709_202018_000000392070_00128_33248_5917.N1	09-JUL-2008 20:20:18	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	33248	No
246	GOM_NL__2PRFIN20080709_202300_000000432070_00128_33248_5918.N1	09-JUL-2008 20:23:00	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33248	No
247	GOM_NL__2PRFIN20080709_203145_000000402070_00128_33248_5919.N1	09-JUL-2008 20:31:45	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33248	No
248	GOM_NL__2PRFIN20080709_203757_000000542070_00129_33249_5905.N1	09-JUL-2008 20:37:57	Dark	54.000	9	Alp Eri	0.45300	24000.	108	33249	No
249	GOM_NL__2PRFIN20080709_204157_000000372070_00129_33249_5906.N1	09-JUL-2008 20:41:57	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33249	No
250	GOM_NL__2PRFIN20080709_204936_000000462070_00129_33249_5907.N1	09-JUL-2008 20:49:36	Straylight	46.000	45	Alp Pav	1.9400	26000.	92	33249	No
251	GOM_NL__2PRFIN20080709_205245_000000432070_00129_33249_5908.N1	09-JUL-2008 20:52:45	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	33249	No
252	GOM_NL__2PRFIN20080709_205416_000000382070_00129_33249_5909.N1	09-JUL-2008 20:54:16	Tw_i_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33249	No
253	GOM_NL__2PRFIN20080709_205606_000000422070_00129_33249_5910.N1	09-JUL-2008 20:56:06	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33249	No
254	GOM_NL__2PRFIN20080709_205746_000000382070_00129_33249_5911.N1	09-JUL-2008 20:57:46	Tw_i_and_stray	37.500	25	35Lam Sco	1.6200	28000.	75	33249	No
255	GOM_NL__2PRFIN20080709_210025_000000392070_00129_33249_5912.N1	09-JUL-2008 21:00:25	Bright	38.500	137	22Lam Sgr	2.8240	4400.0	77	33249	No
256	GOM_NL__2PRFIN20080709_210355_000000372070_00129_33249_5913.N1	09-JUL-2008 21:03:55	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33249	No
257	GOM_NL__2PRFIN20080709_210917_000000362070_00129_33249_5914.N1	09-JUL-2008 21:09:17	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33249	No
258	GOM_NL__2PRFIN20080709_211134_000000382070_00129_33249_5915.N1	09-JUL-2008 21:11:34	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33249	No
259	GOM_NL__2PRFIN20080709_211442_000000352070_00129_33249_5916.N1	09-JUL-2008 21:14:42	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33249	No
260	GOM_NL__2PRFIN20080709_211717_000000352070_00129_33249_5917.N1	09-JUL-2008 21:17:17	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33249	No
261	GOM_NL__2PRFIN20080709_212241_000000392070_00129_33249_5918.N1	09-JUL-2008 21:22:41	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	33249	No
262	GOM_NL__2PRFIN20080709_212534_000000372070_00129_33249_5919.N1	09-JUL-2008 21:25:34	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33249	No
263	GOM_NL__2PRFIN20080709_212944_000000372070_00129_33249_5920.N1	09-JUL-2008 21:29:44	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33249	No
264	GOM_NL__2PRFIN20080709_213335_000000362070_00129_33249_5921.N1	09-JUL-2008 21:33:35	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33249	No
265	GOM_NL__2PRFIN20080709_220054_000000402070_00129_33249_5922.N1	09-JUL-2008 22:00:54	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	33249	No
266	GOM_NL__2PRFIN20080709_220336_000000452070_00129_33249_5923.N1	09-JUL-2008 22:03:36	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	33249	No
267	GOM_NL__2PRFIN20080709_221222_000000412070_00129_33249_5924.N1	09-JUL-2008 22:12:22	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33249	No
268	GOM_NL__2PRFIN20080709_221833_000000512070_00130_33250_5938.N1	09-JUL-2008 22:18:33	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33250	No
269	GOM_NL__2PRFIN20080709_222234_000000372070_00130_33250_5939.N1	09-JUL-2008 22:22:34	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33250	No
270	GOM_NL__2PRFIN20080709_223012_000000392070_00130_33250_5940.N1	09-JUL-2008 22:30:12	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33250	No
271	GOM_NL__2PRFIN20080709_223321_000000392070_00130_33250_5941.N1	09-JUL-2008 22:33:21	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	33250	No
272	GOM_NL__2PRFIN20080709_223451_000000402070_00130_33250_5942.N1	09-JUL-2008 22:34:51	Tw_i_and_stray	40.000	147	Alp Ara	2.8770	26000.	80	33250	No
273	GOM_NL__2PRFIN20080709_223642_000000422070_00130_33250_5943.N1	09-JUL-2008 22:36:42	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33250	No
274	GOM_NL__2PRFIN20080709_223822_000000402070_00130_33250_5944.N1	09-JUL-2008 22:38:22	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33250	No
275	GOM_NL__2PRFIN20080709_224101_000000402070_00130_33250_5945.N1	09-JUL-2008 22:41:01	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33250	No
276	GOM_NL__2PRFIN20080709_224431_000000362070_00130_33250_5946.N1	09-JUL-2008 22:44:31	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33250	No
277	GOM_NL__2PRFIN20080709_224953_000000372070_00130_33250_5947.N1	09-JUL-2008 22:49:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33250	No
278	GOM_NL__2PRFIN20080709_225210_000000352070_00130_33250_5948.N1	09-JUL-2008 22:52:10	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33250	No

279	GOM_NL__2PRFIN20080709_225517_000000352070_00130_33250_5949.N1	09-JUL-2008 22:55:17	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33250	No
280	GOM_NL__2PRFIN20080709_225753_000000372070_00130_33250_5950.N1	09-JUL-2008 22:57:53	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33250	No
281	GOM_NL__2PRFIN20080709_230316_000000352070_00130_33250_5951.N1	09-JUL-2008 23:03:16	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	33250	No
282	GOM_NL__2PRFIN20080709_230610_000000362070_00130_33250_5952.N1	09-JUL-2008 23:06:10	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33250	No
283	GOM_NL__2PRFIN20080709_231020_000000352070_00130_33250_5953.N1	09-JUL-2008 23:10:20	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33250	No
284	GOM_NL__2PRFIN20080709_231411_000000342070_00130_33250_5954.N1	09-JUL-2008 23:14:11	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33250	No
285	GOM_NL__2PRFIN20080709_234130_000000382070_00130_33250_5955.N1	09-JUL-2008 23:41:30	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	33250	No
286	GOM_NL__2PRFIN20080709_234412_000000362070_00130_33250_5956.N1	09-JUL-2008 23:44:12	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	33250	No
287	GOM_NL__2PRFIN20080709_235910_000000522070_00131_33251_5958.N1	09-JUL-2008 23:59:10	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33251	No

### 3. Quality information per product

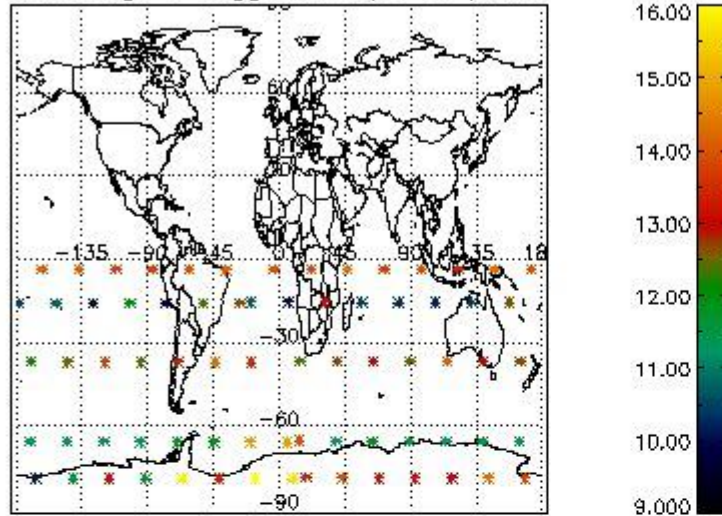
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

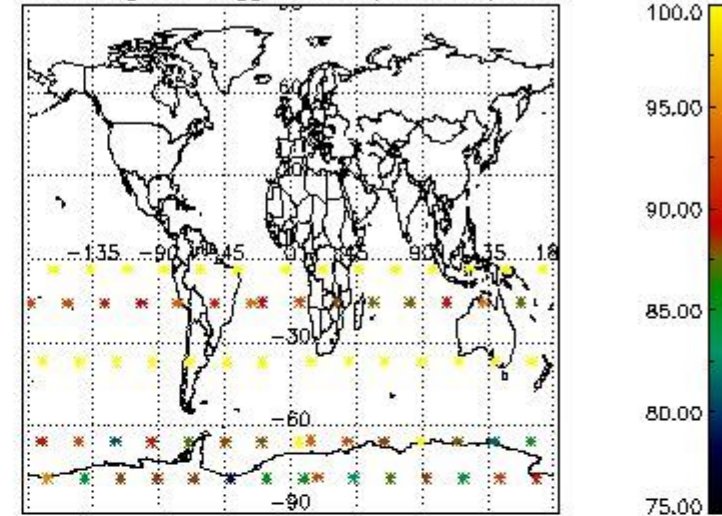


#### 3.2 Plot quality information per product (world map)

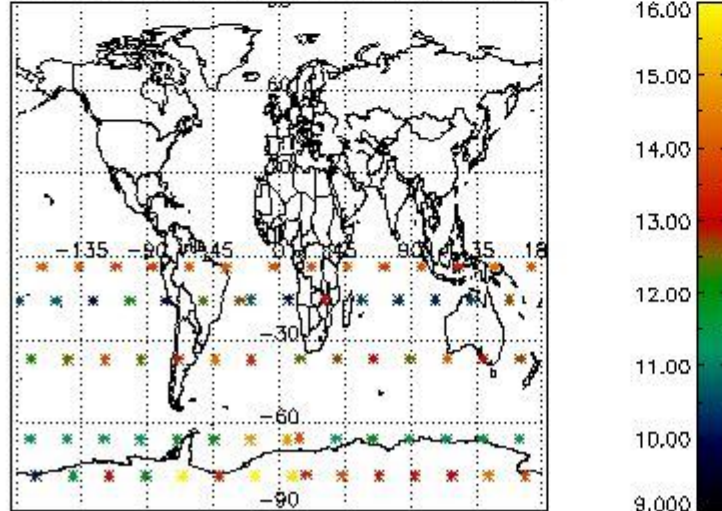
Percentage of flagged data per O3 profile



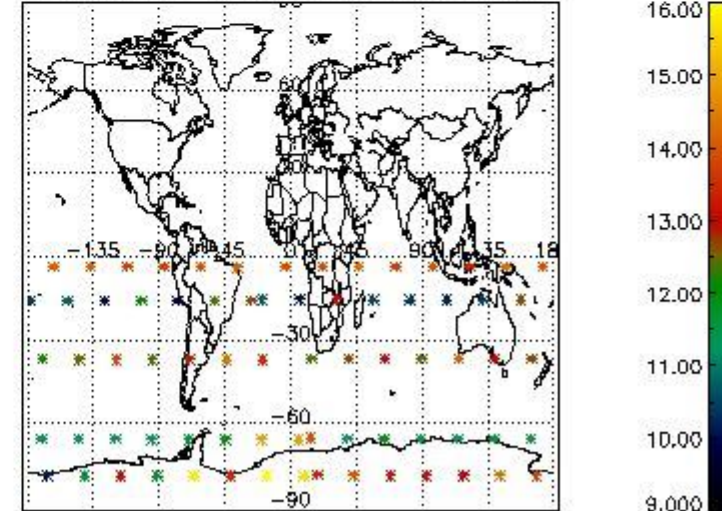
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



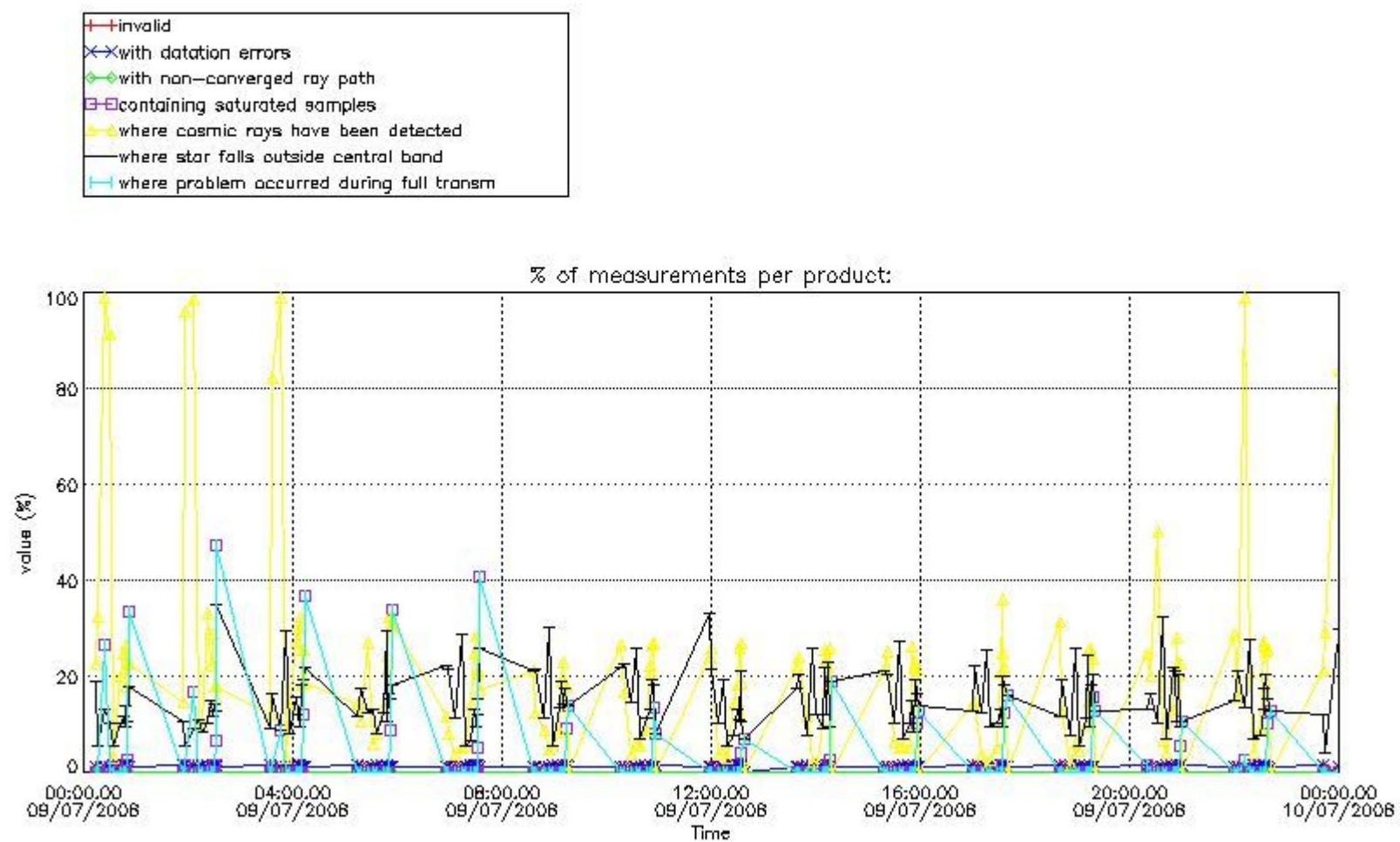
#### 4. Level 1 quality information per product

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

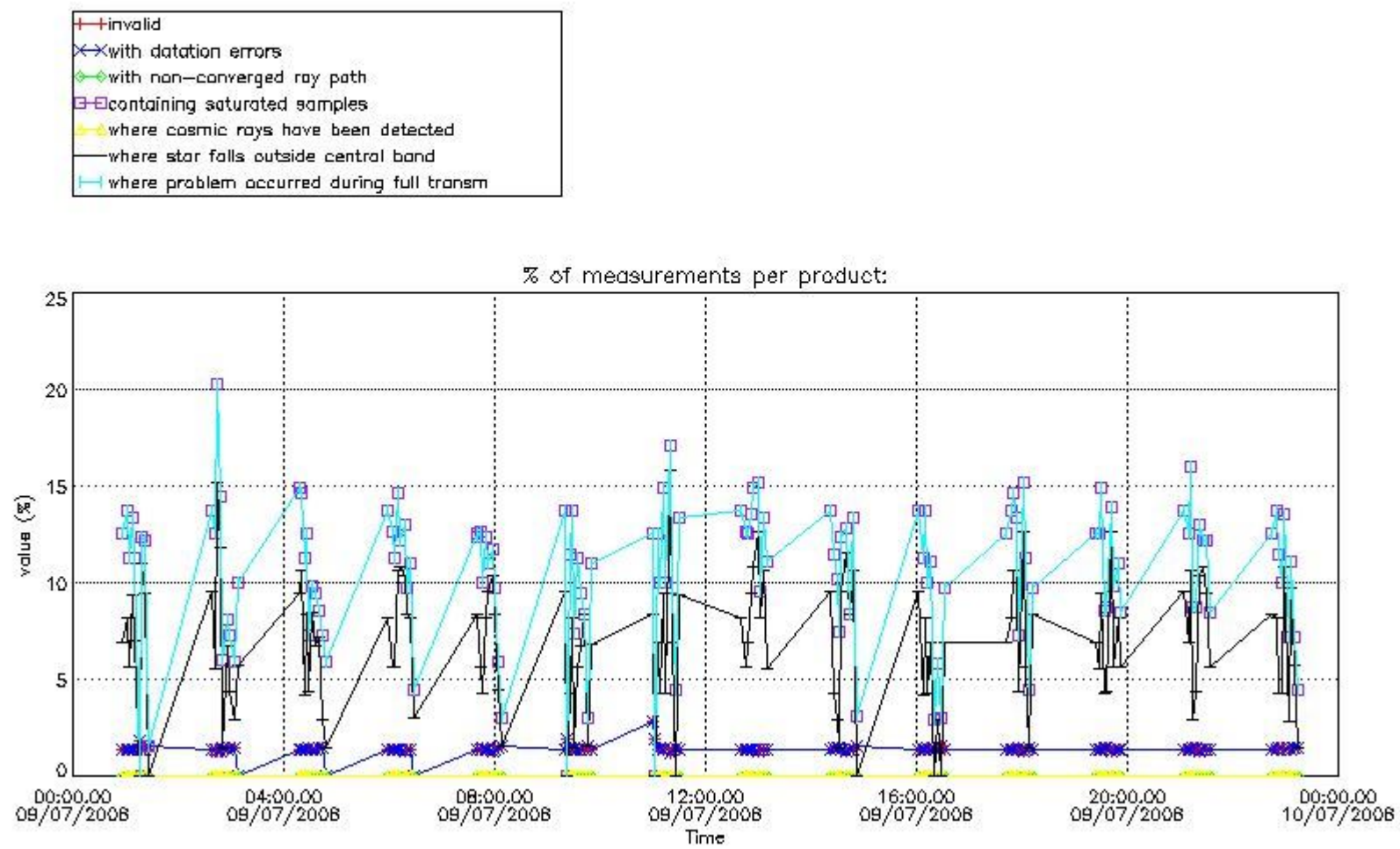
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





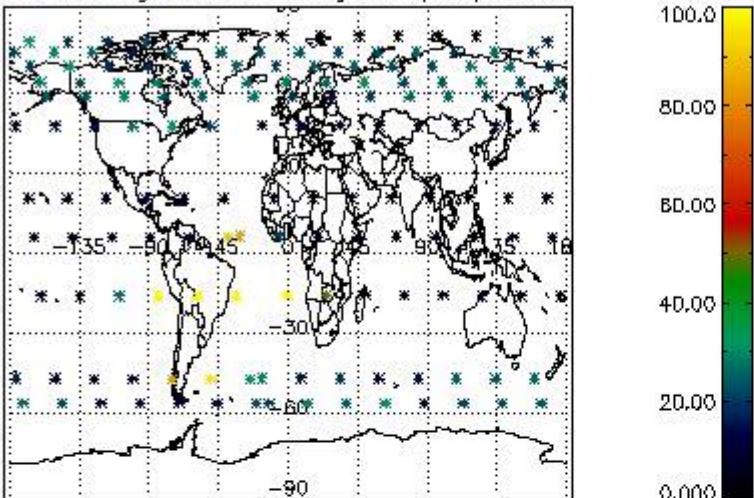
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



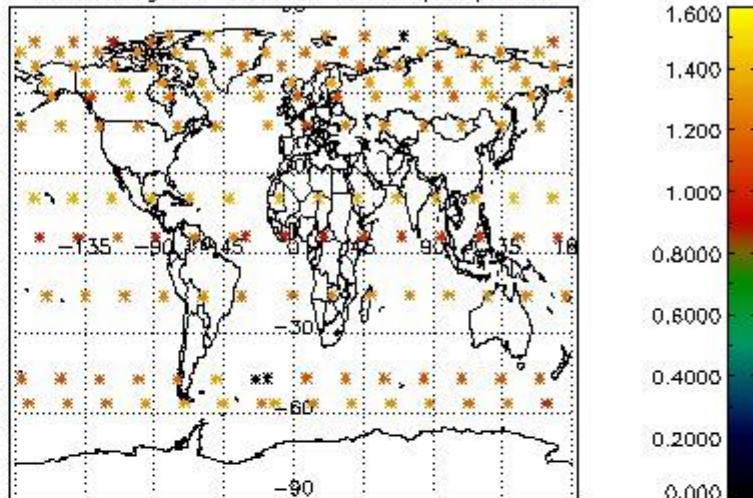
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

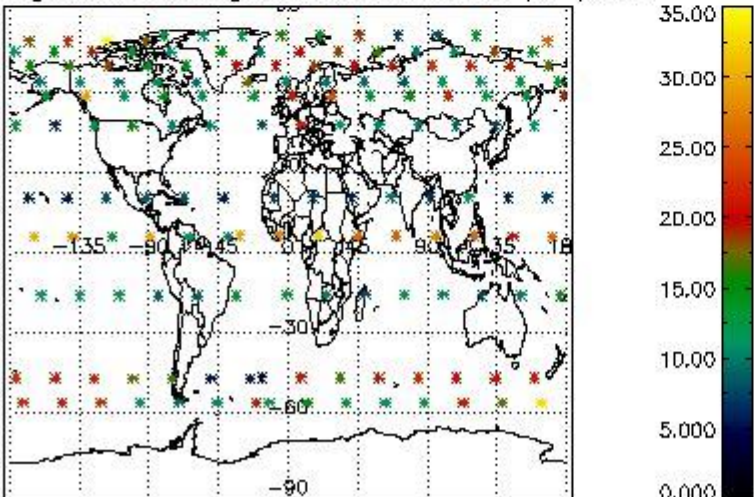
Percentage of cosmic ray hits per profile



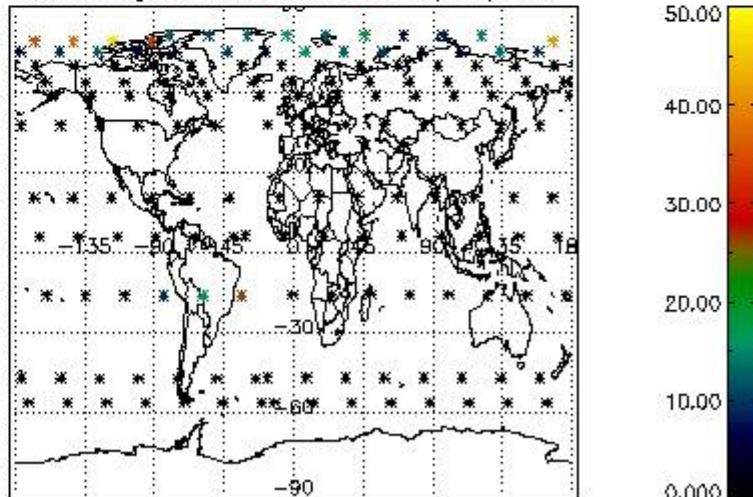
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

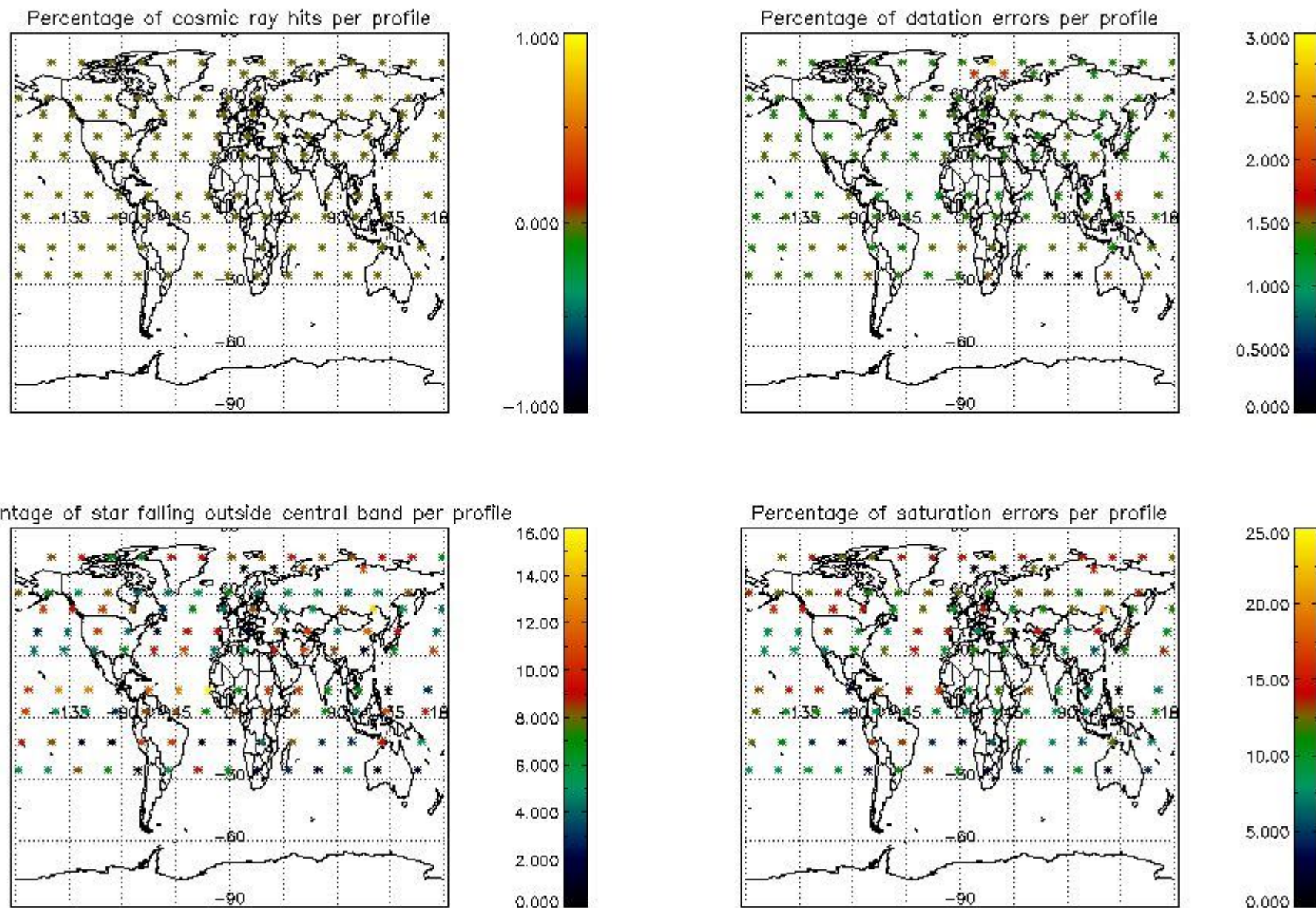


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

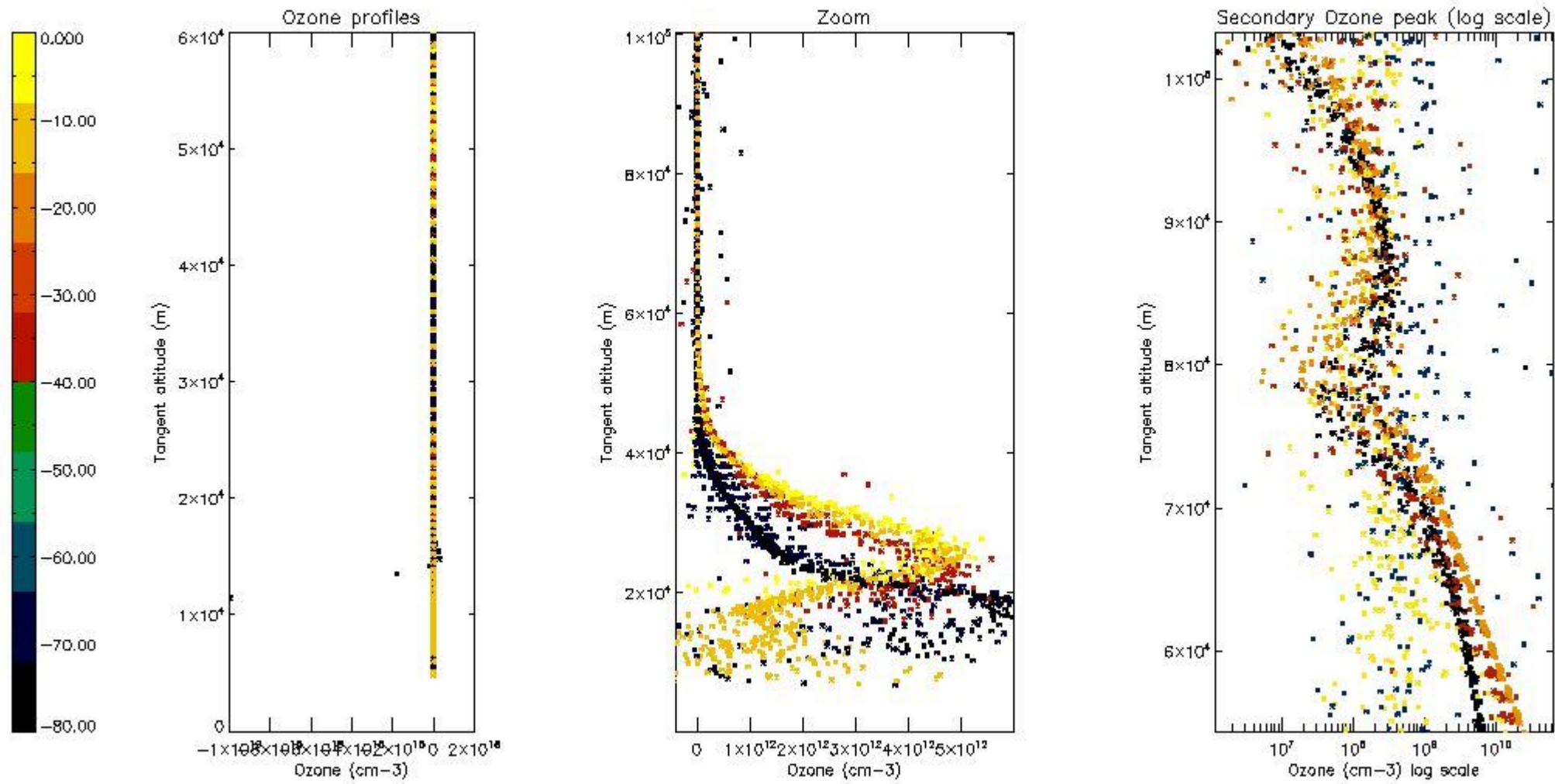
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	13

STD < 10	9
STD < 5	6

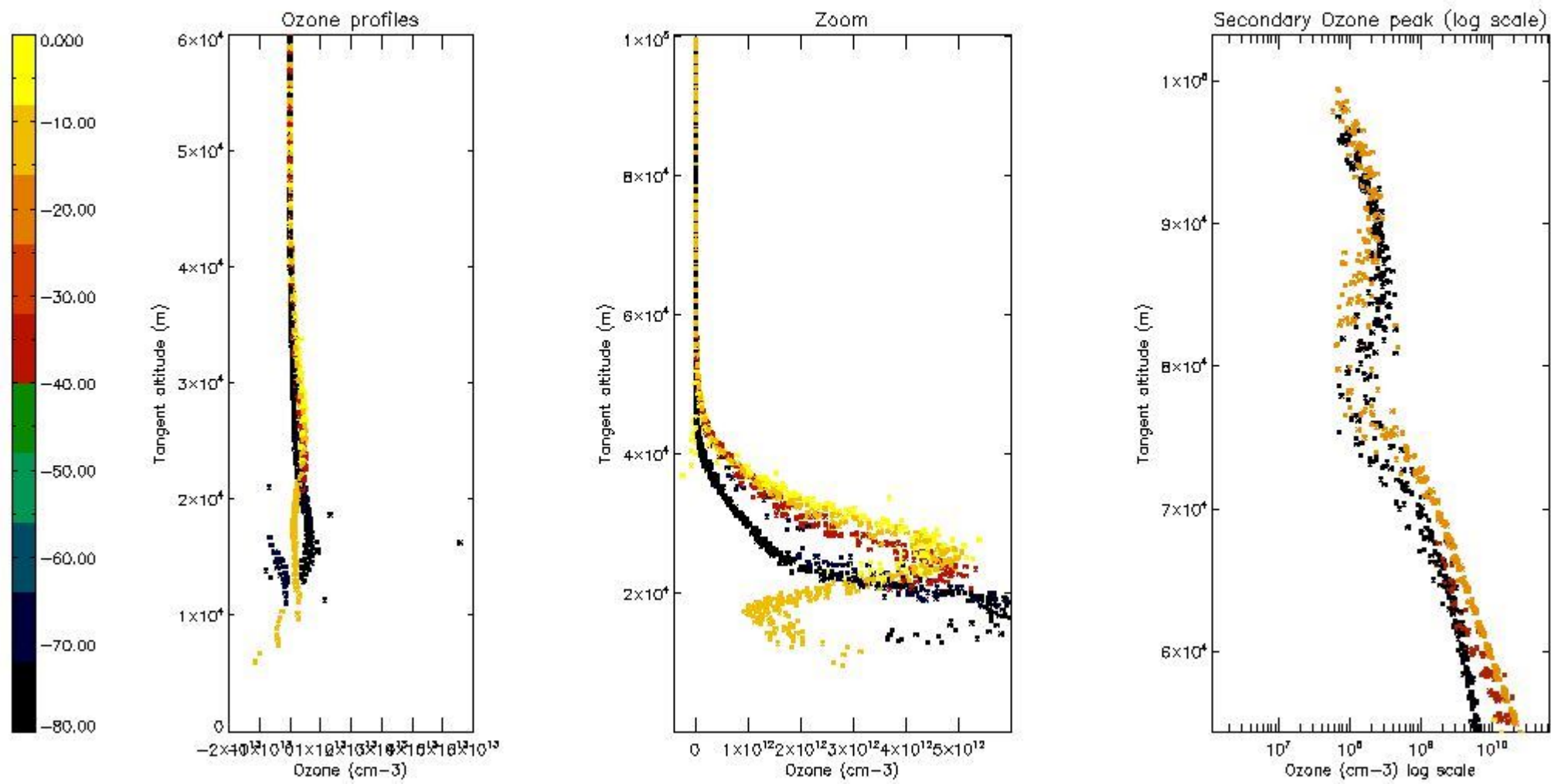
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

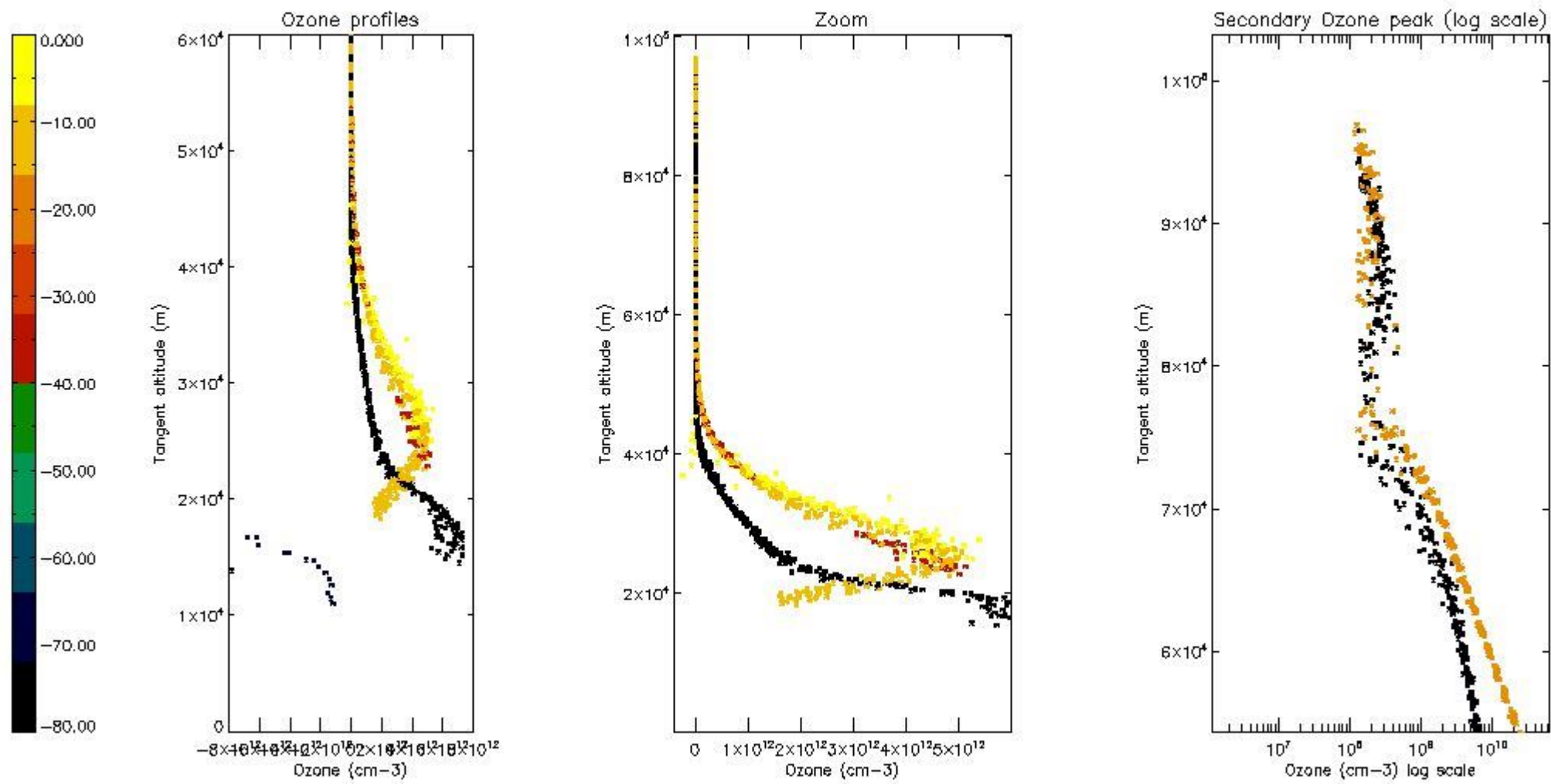
The colorbar represents the latitude.



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

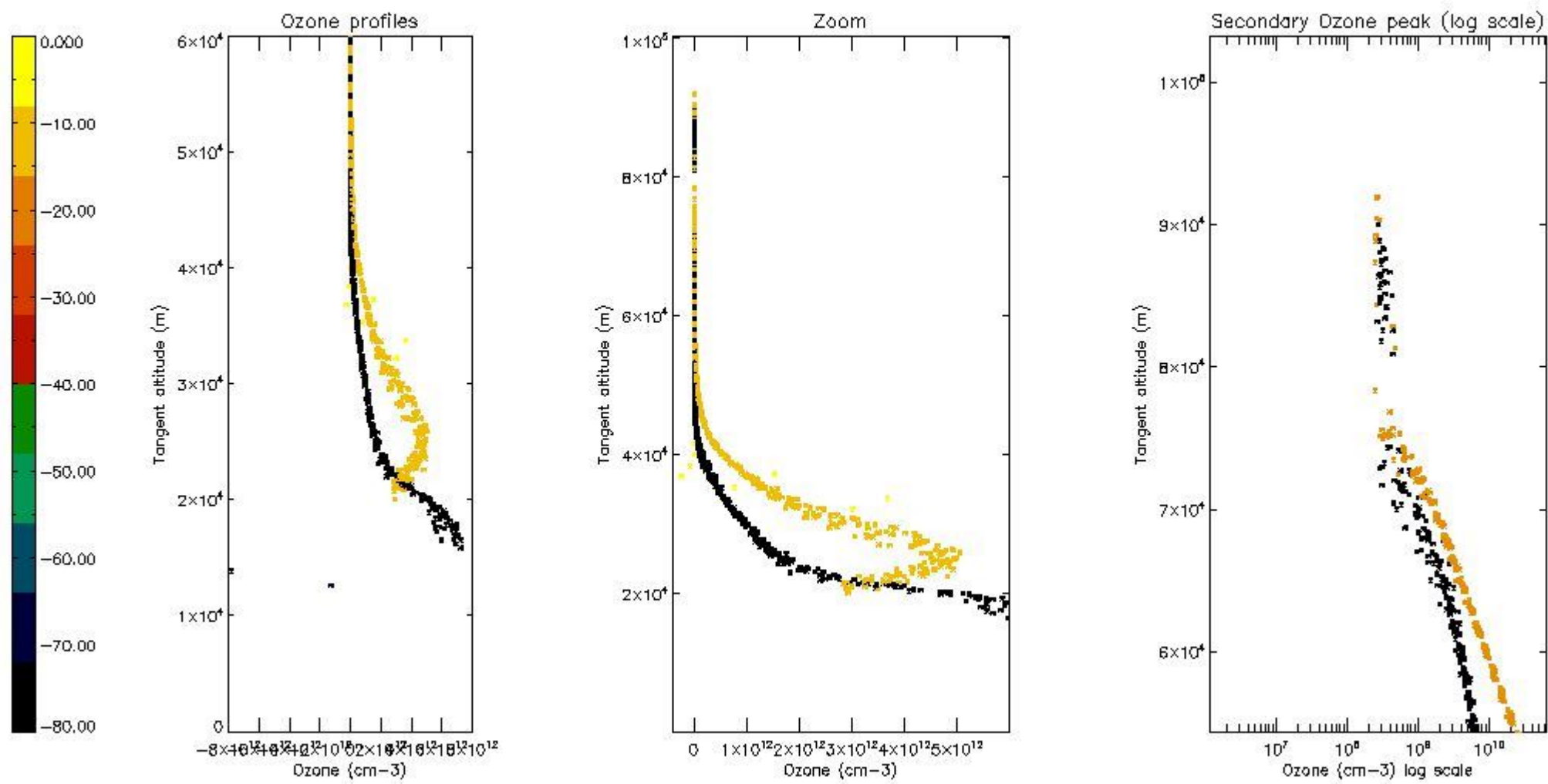
The colorbar represents the latitude.





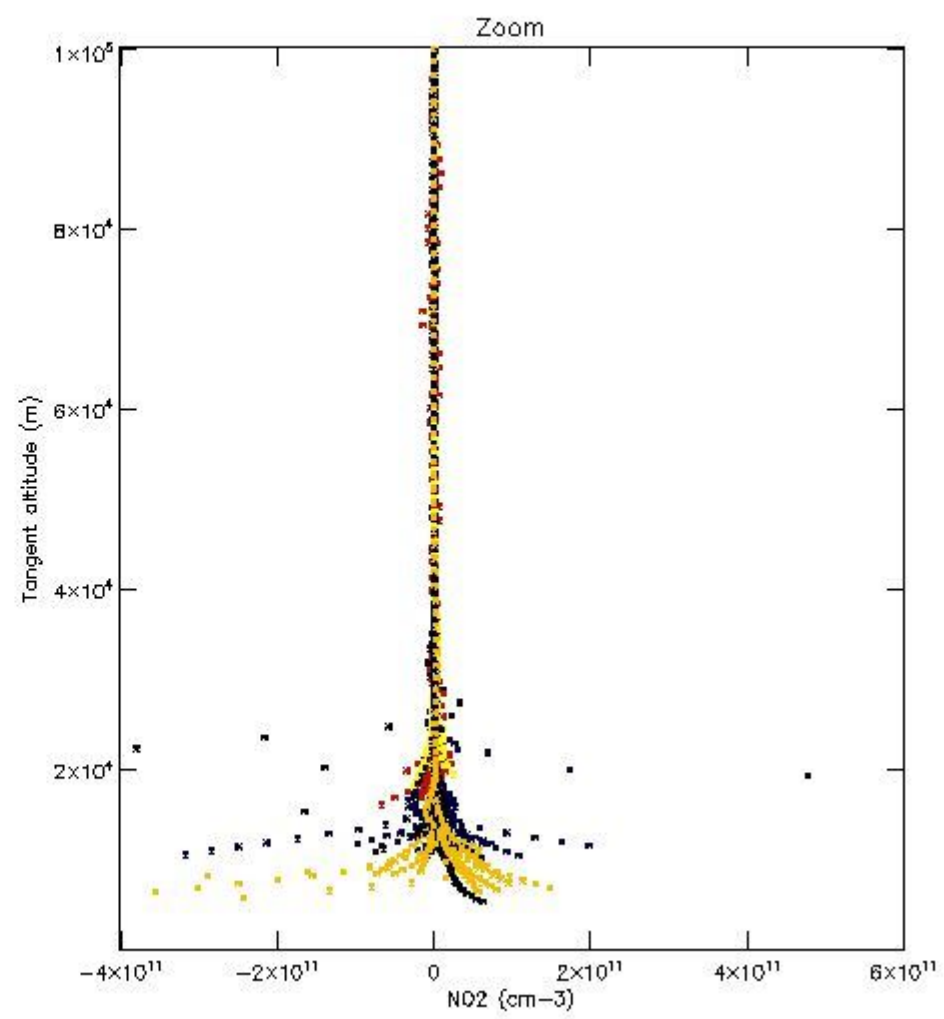
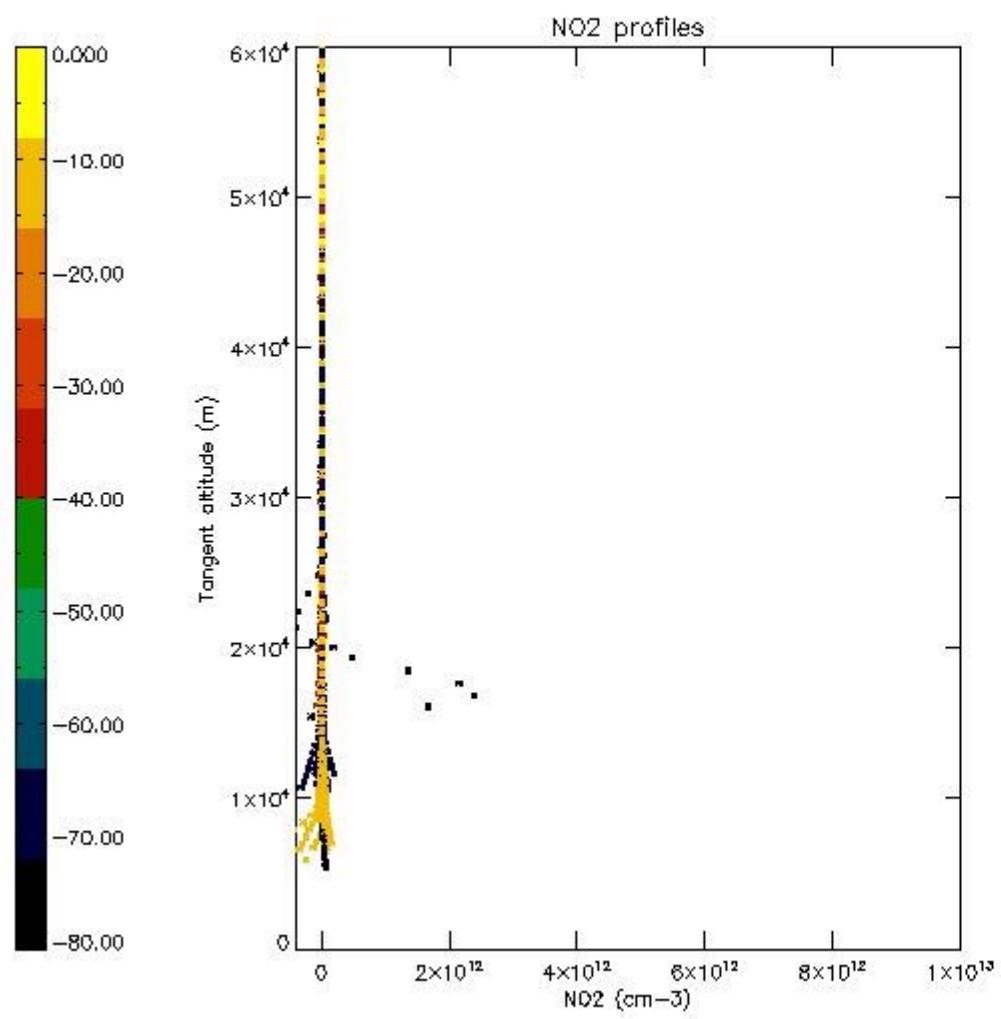
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

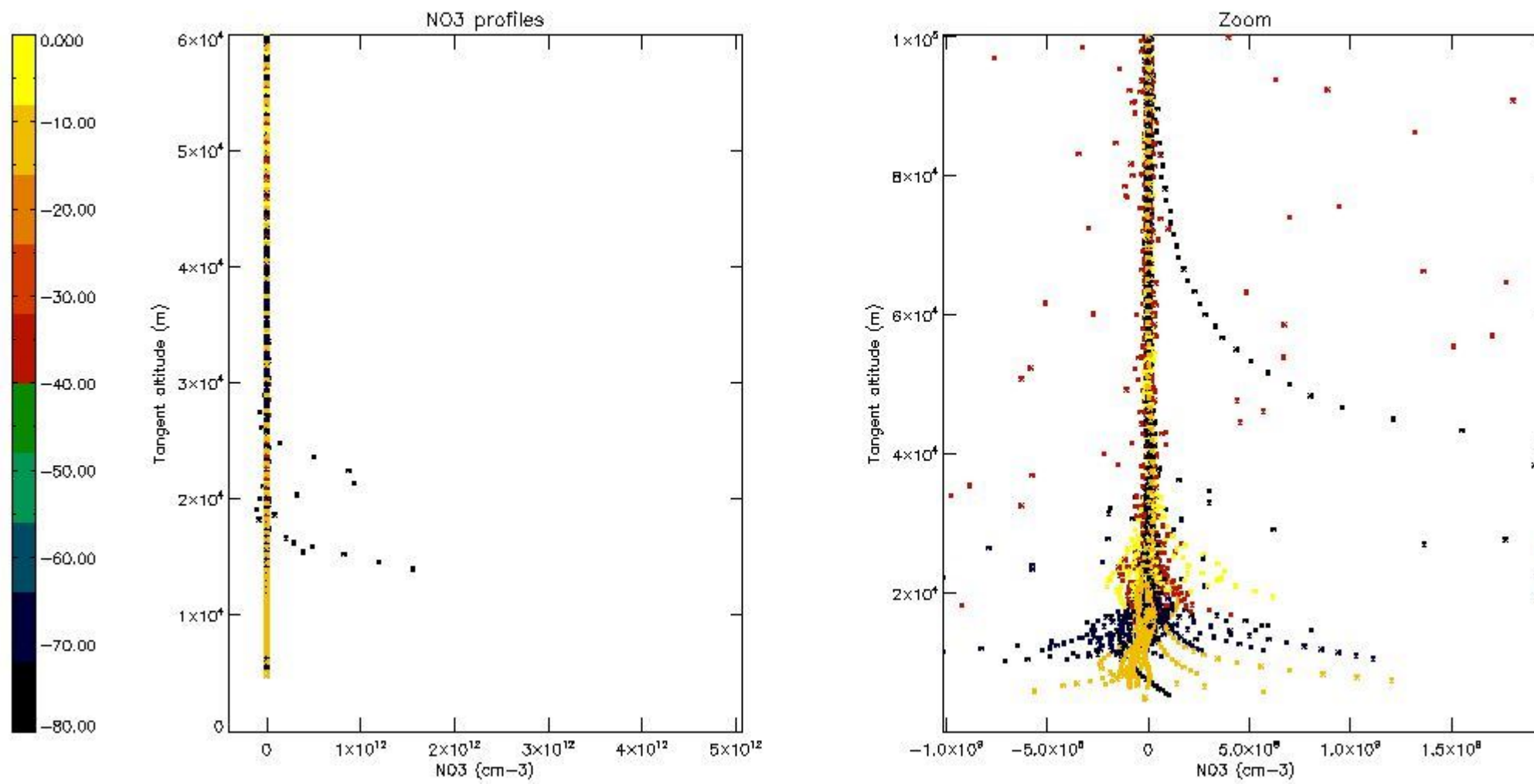
The colorbar represents the latitude.



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

The colorbar represents the latitude.

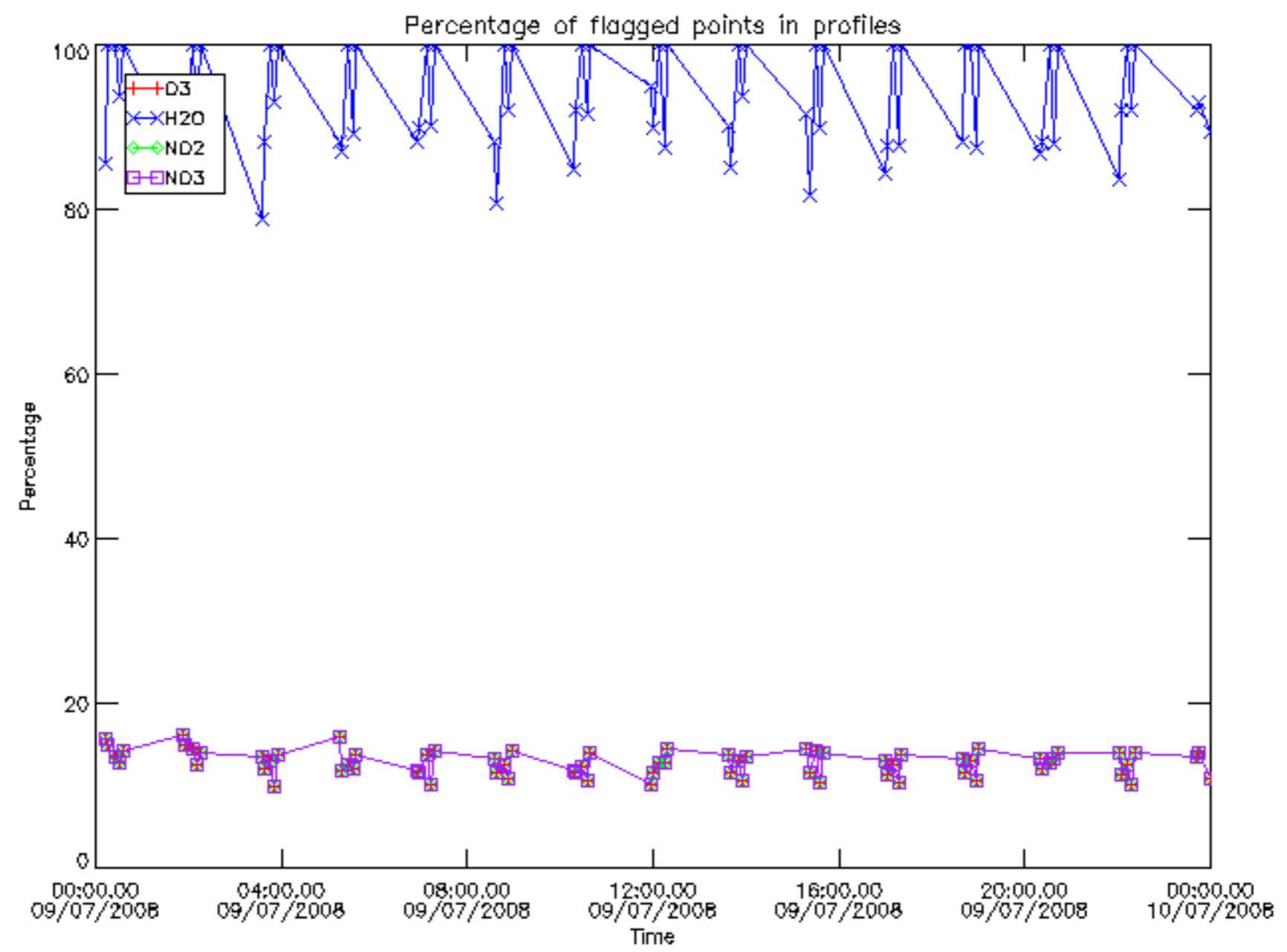




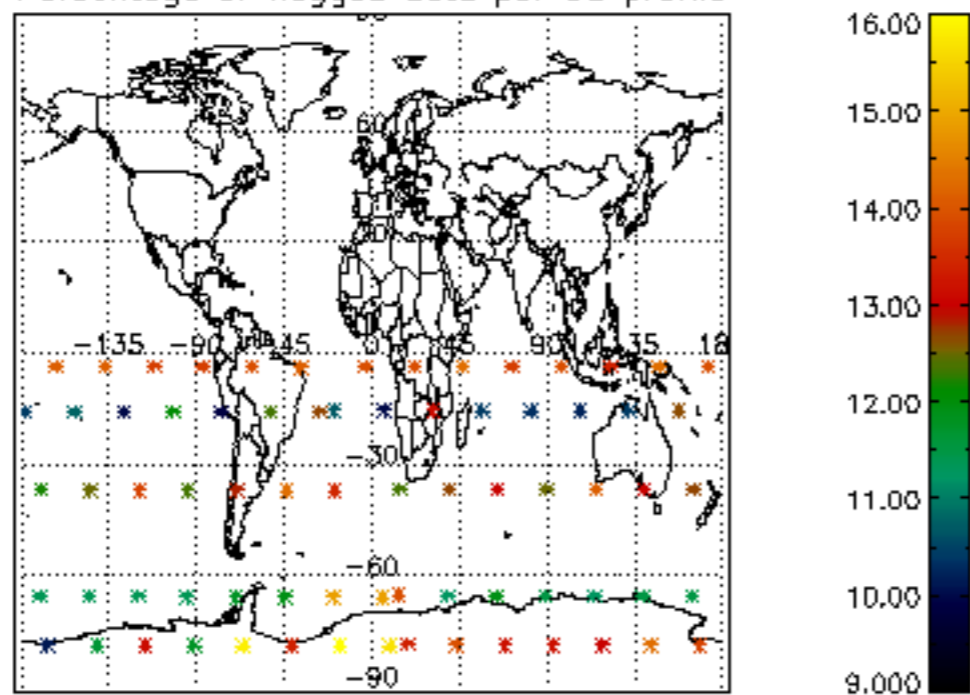
## 6. Auxiliary Data Files used for the production reported in section 2

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.

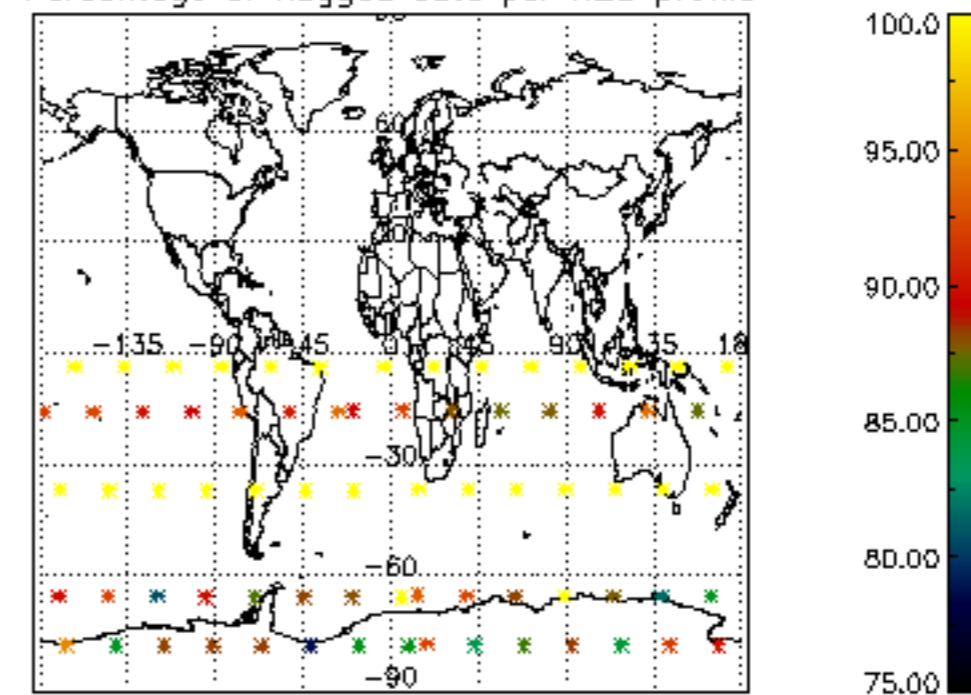
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUL-2008 00:13:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUL-2008 00:13:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUL-2008 00:13:05



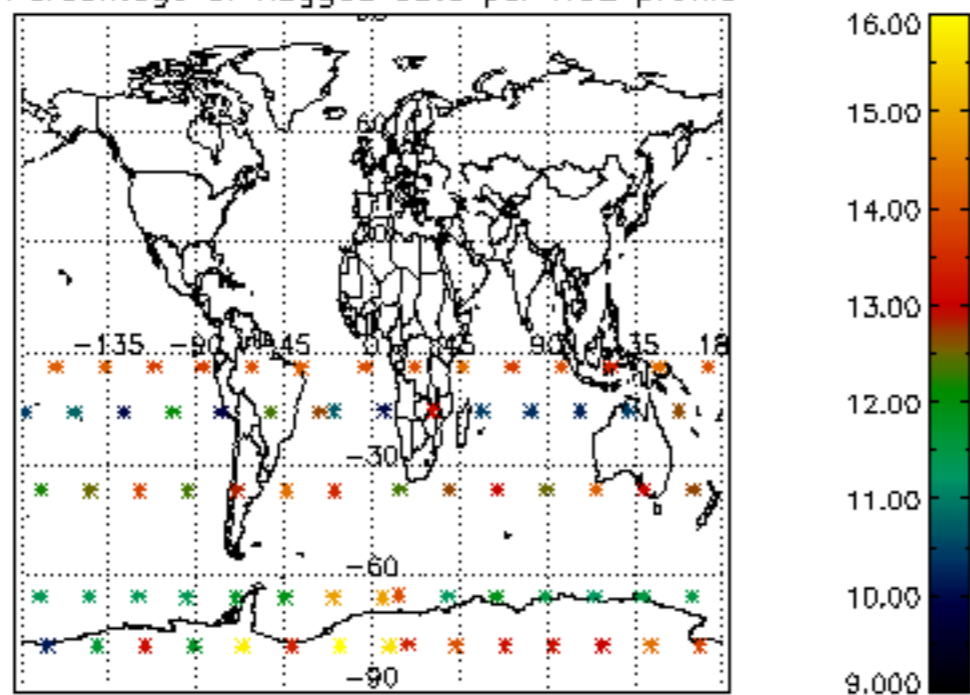
Percentage of flagged data per D3 profile



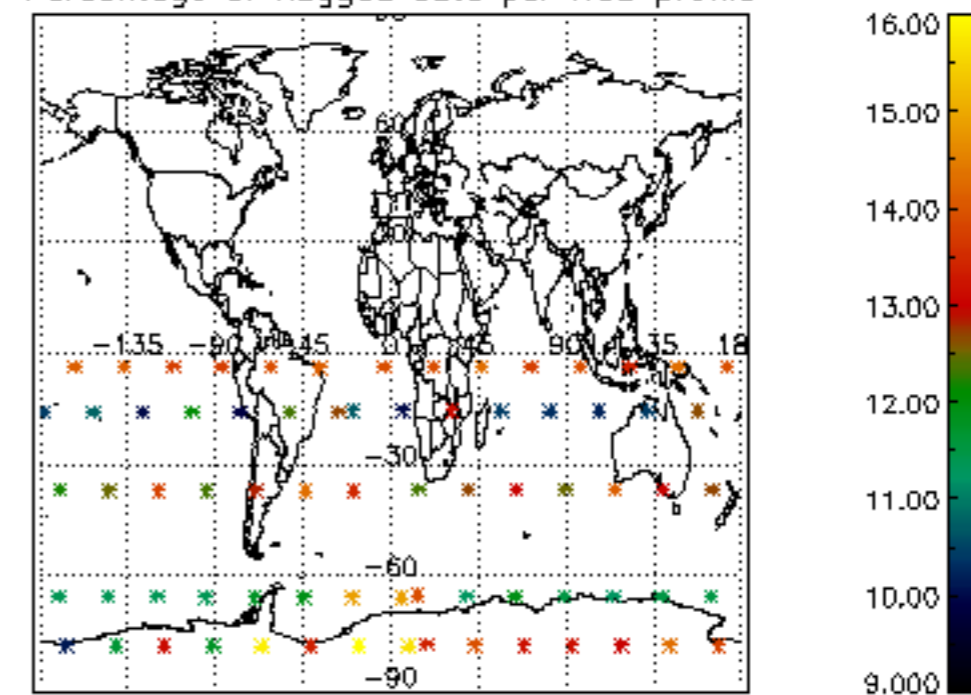
Percentage of flagged data per H2O profile



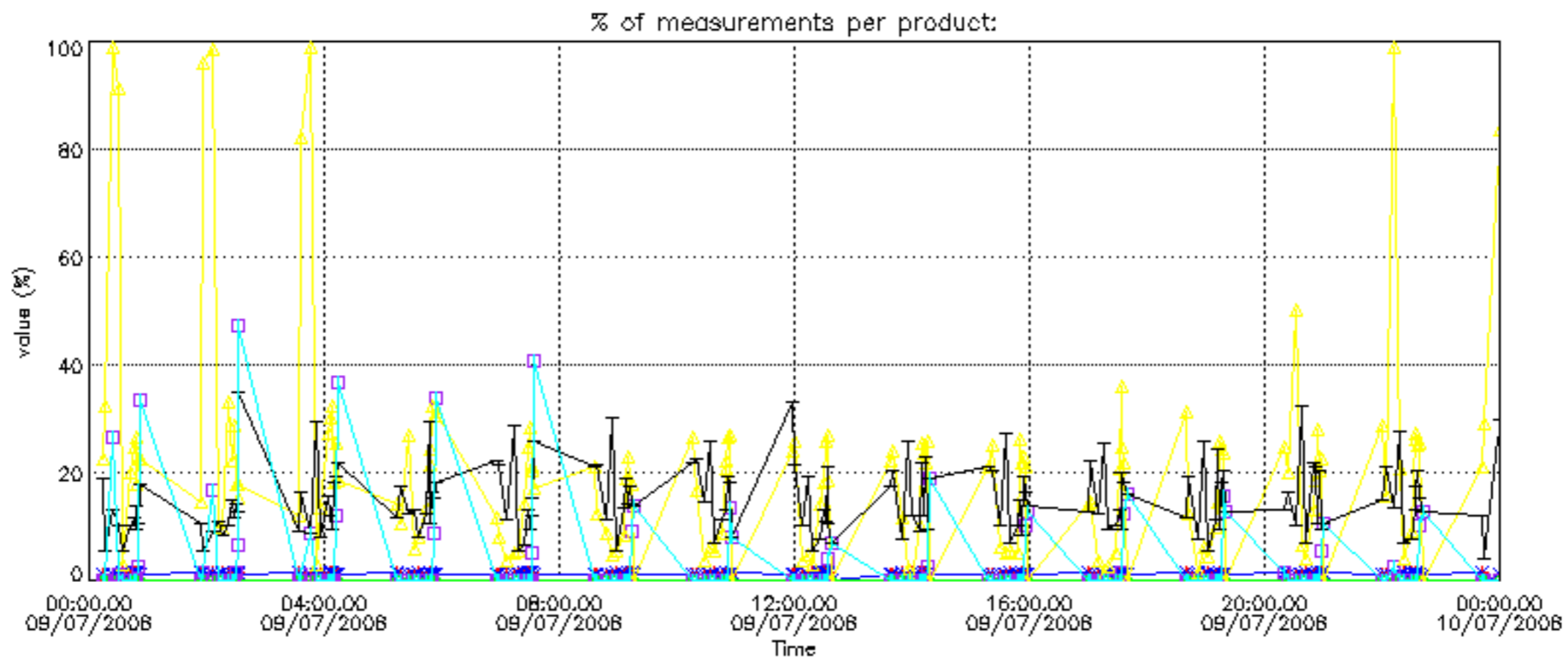
Percentage of flagged data per NO2 profile

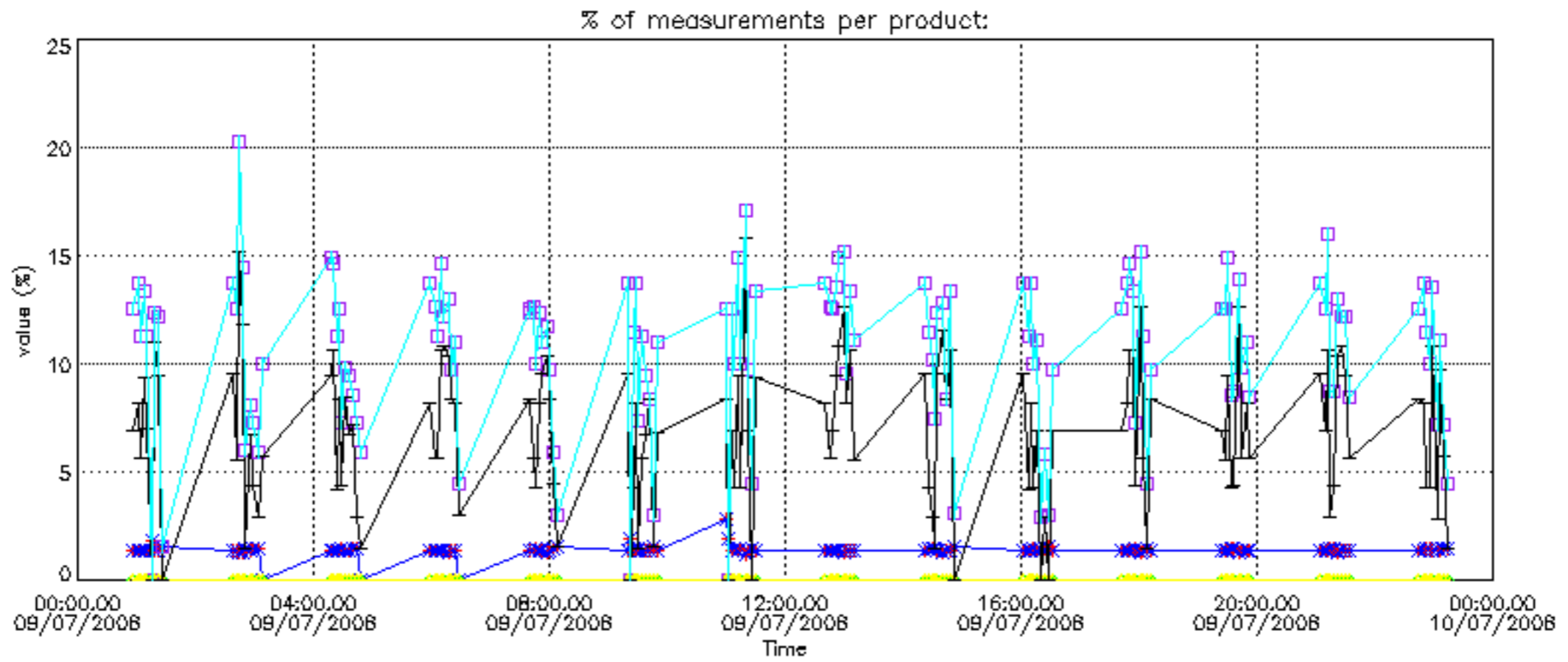


Percentage of flagged data per NO3 profile

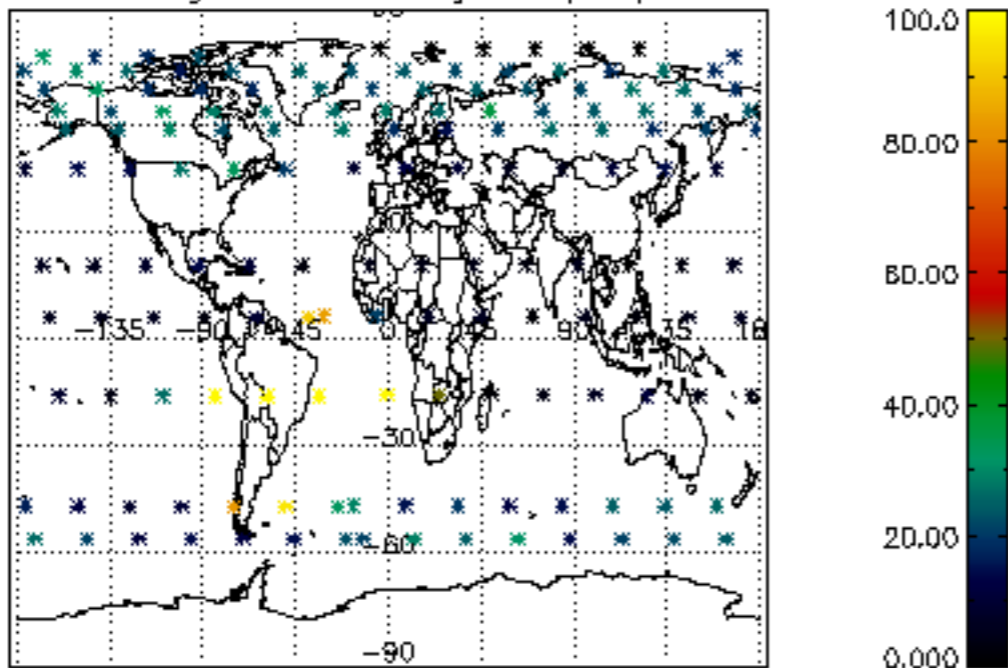




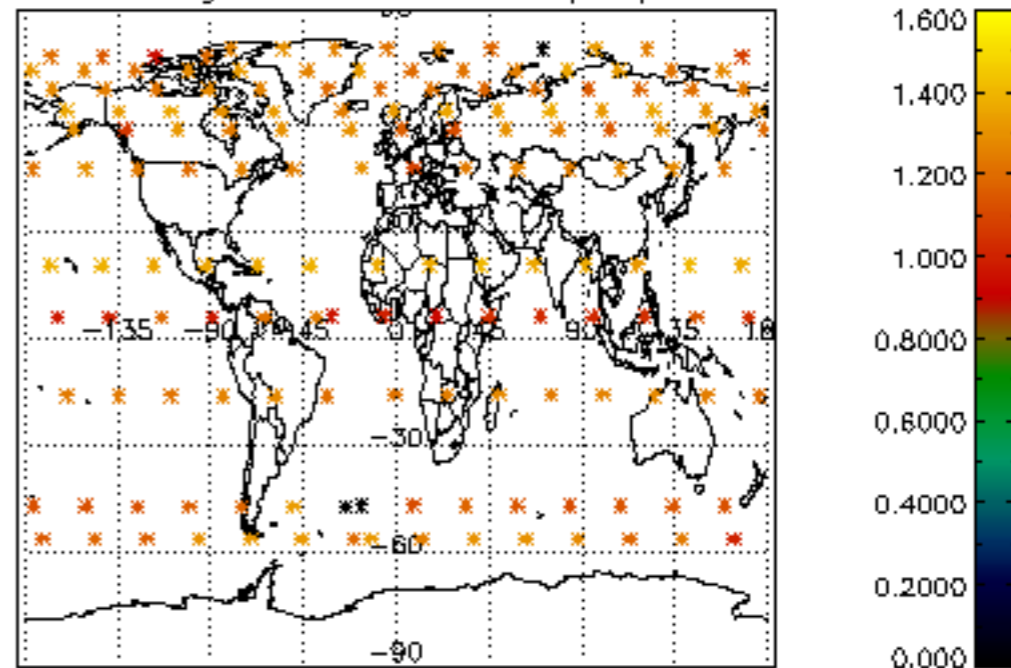




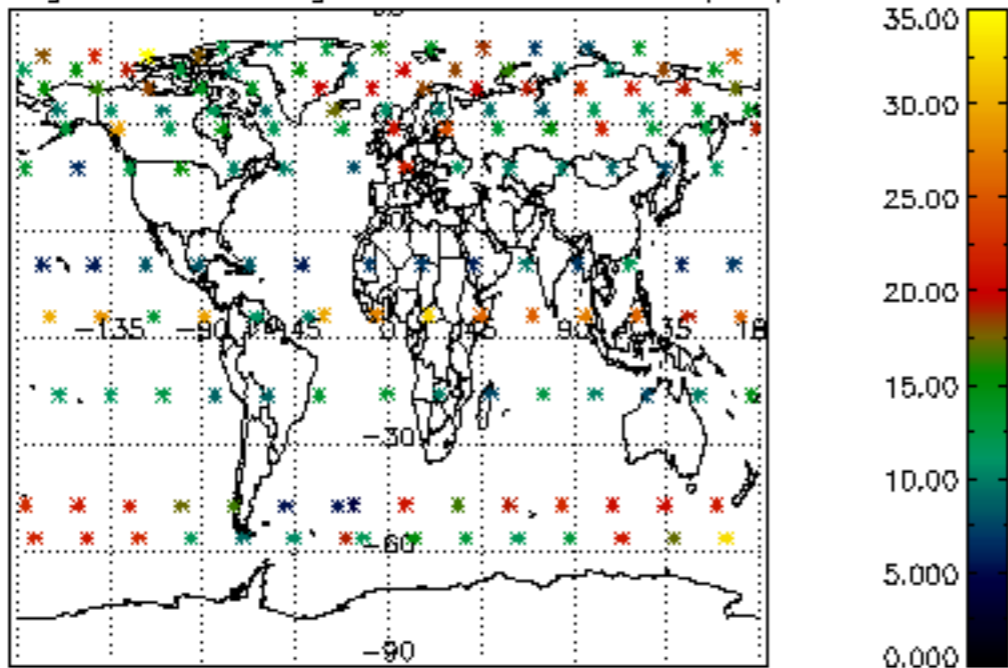
Percentage of cosmic ray hits per profile



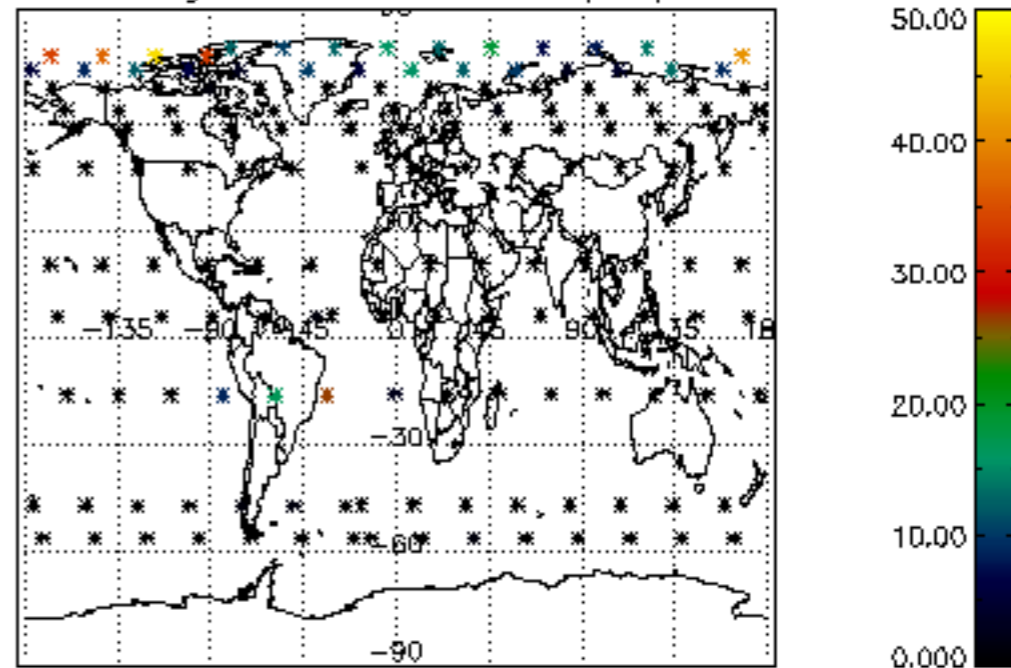
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

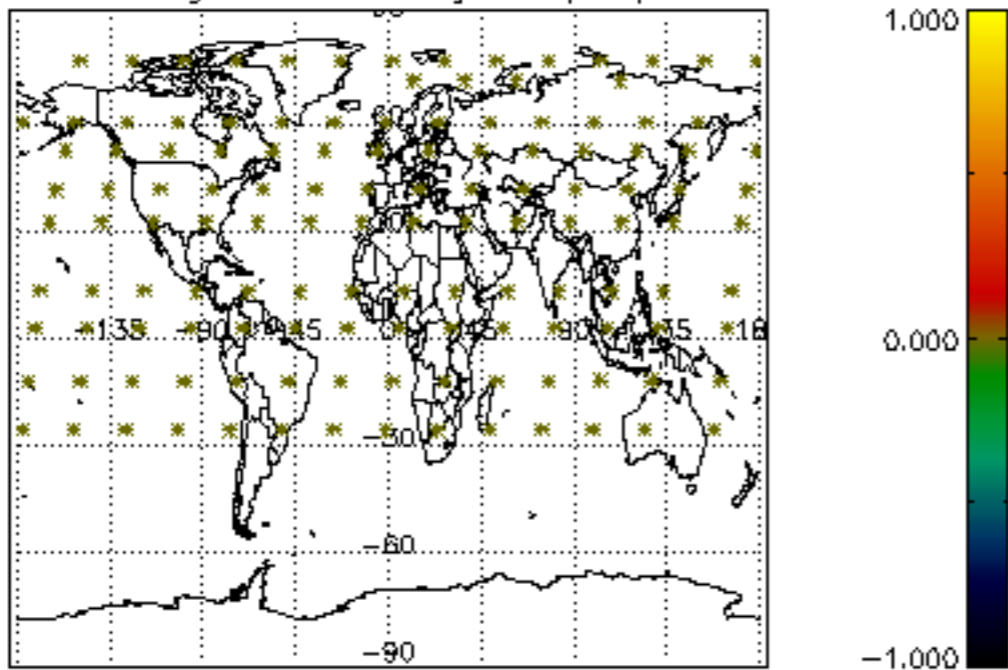


Percentage of saturation errors per profile

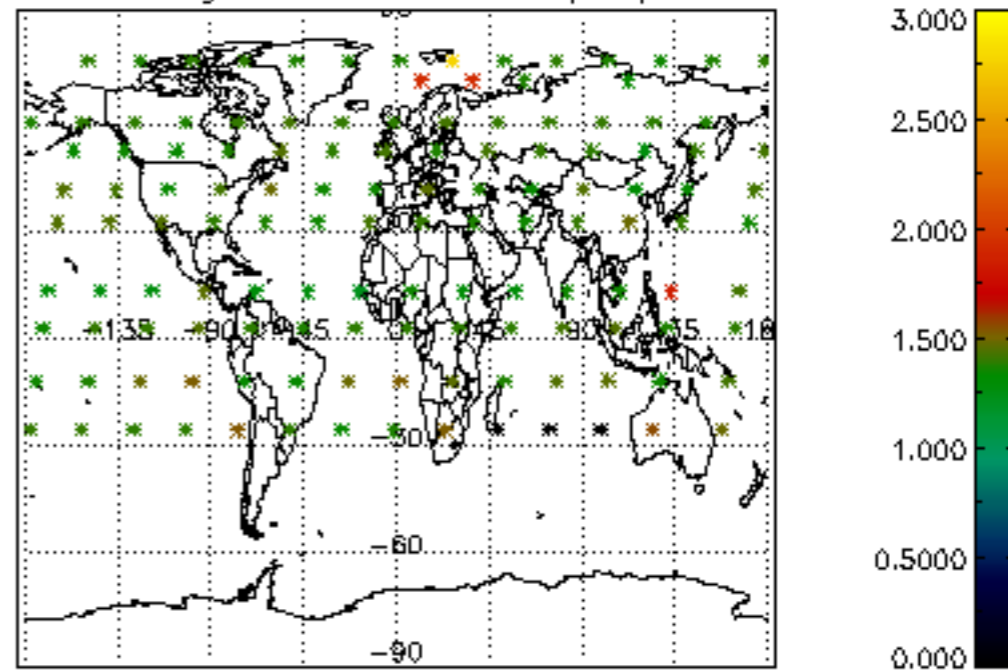




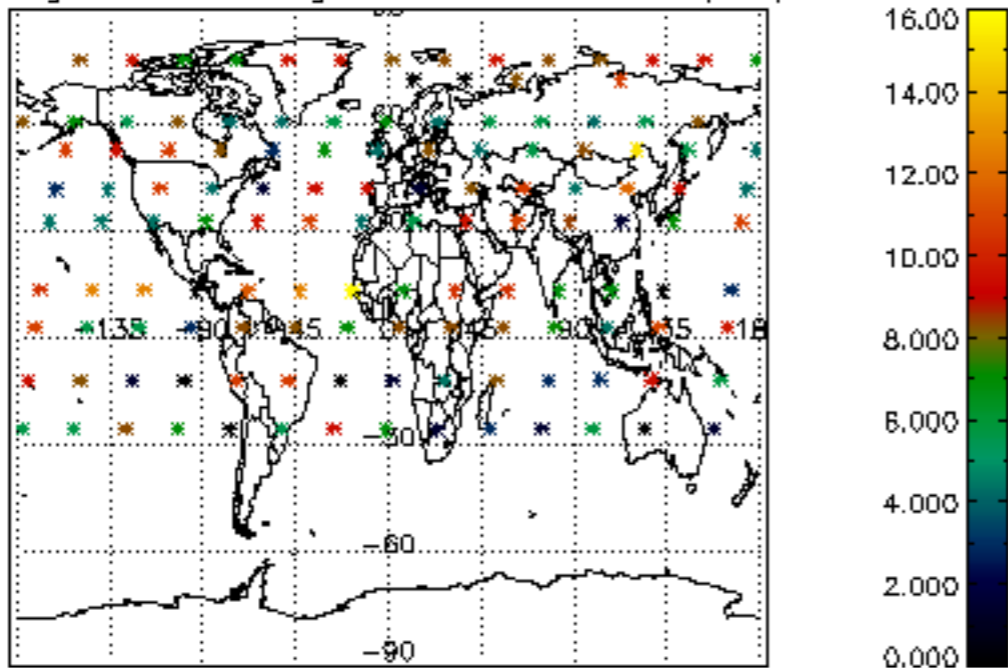
Percentage of cosmic ray hits per profile



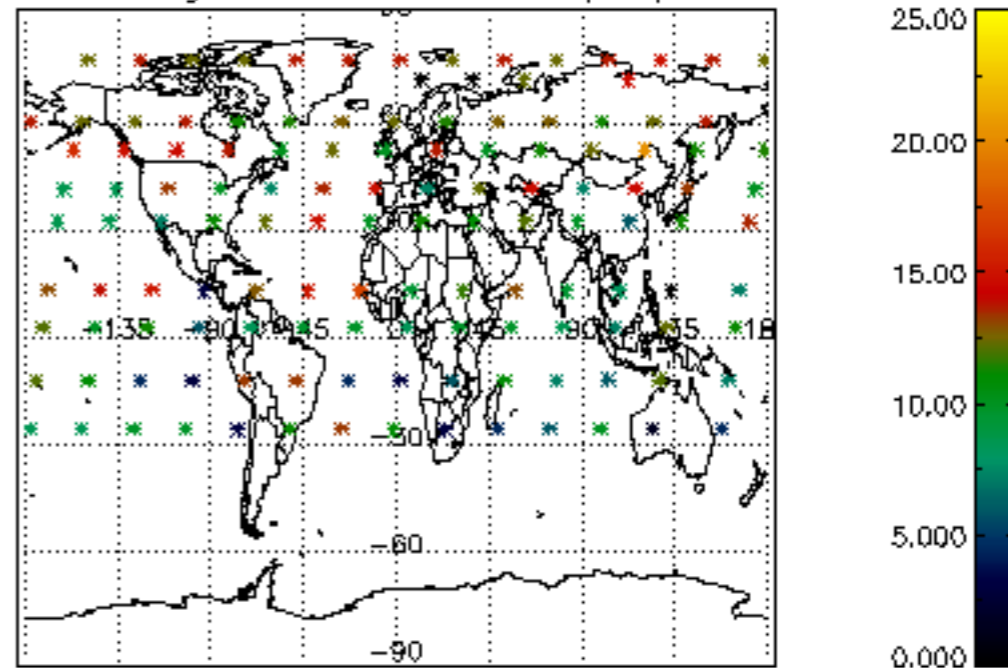
Percentage of datation errors per profile

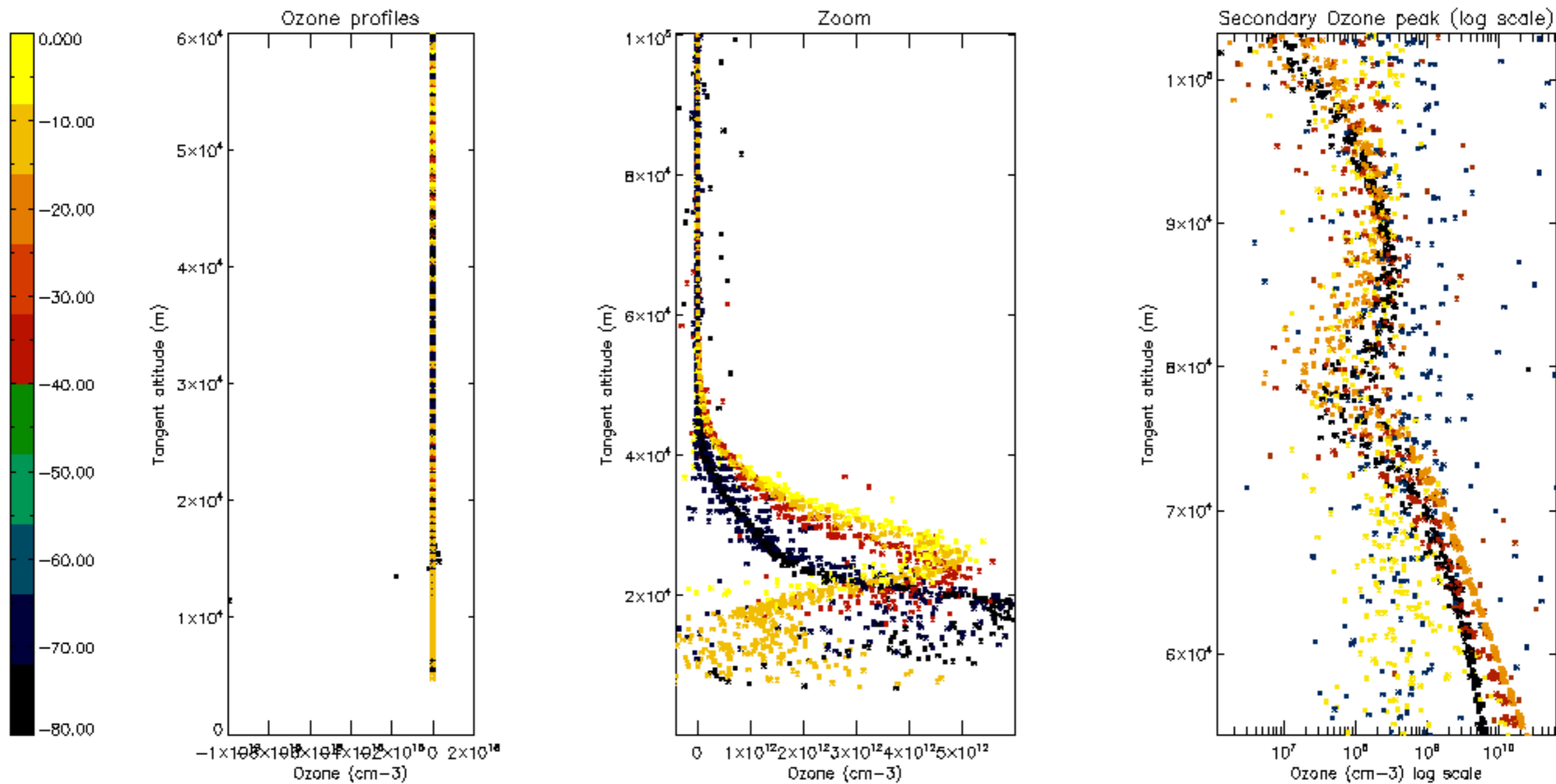


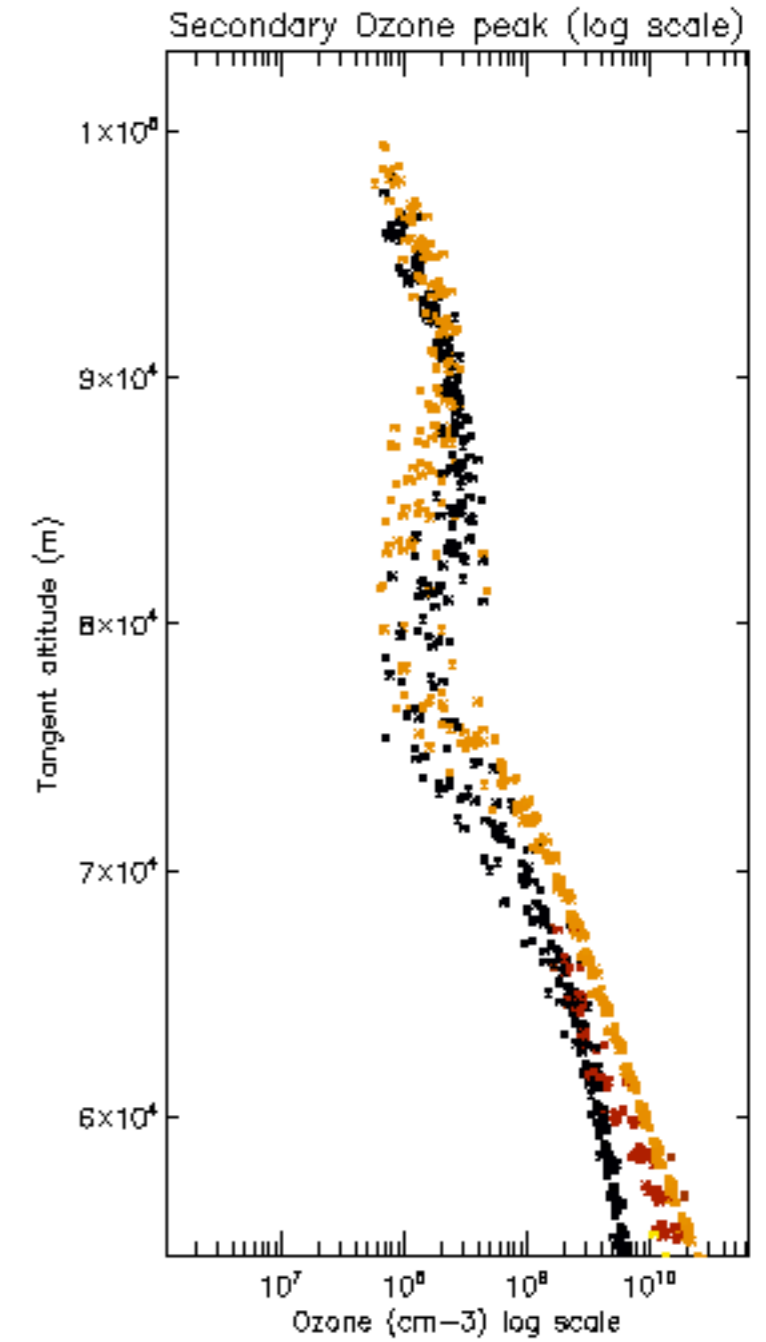
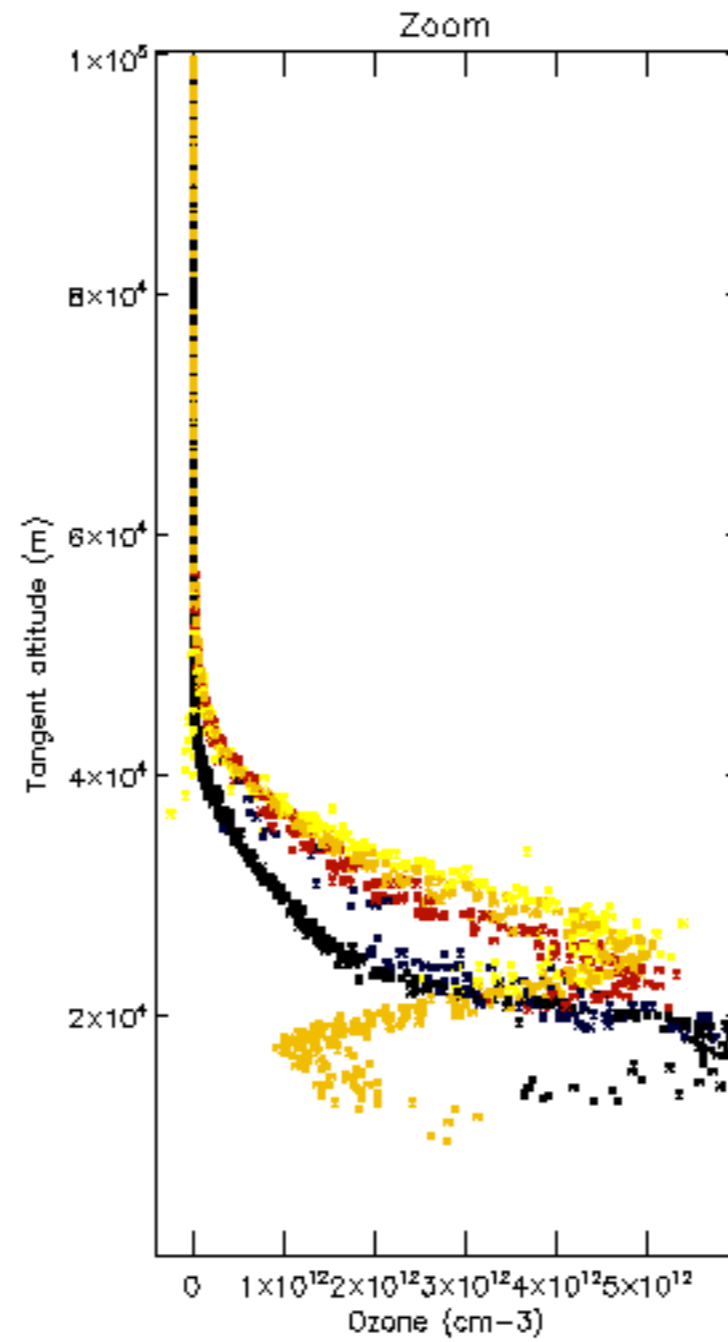
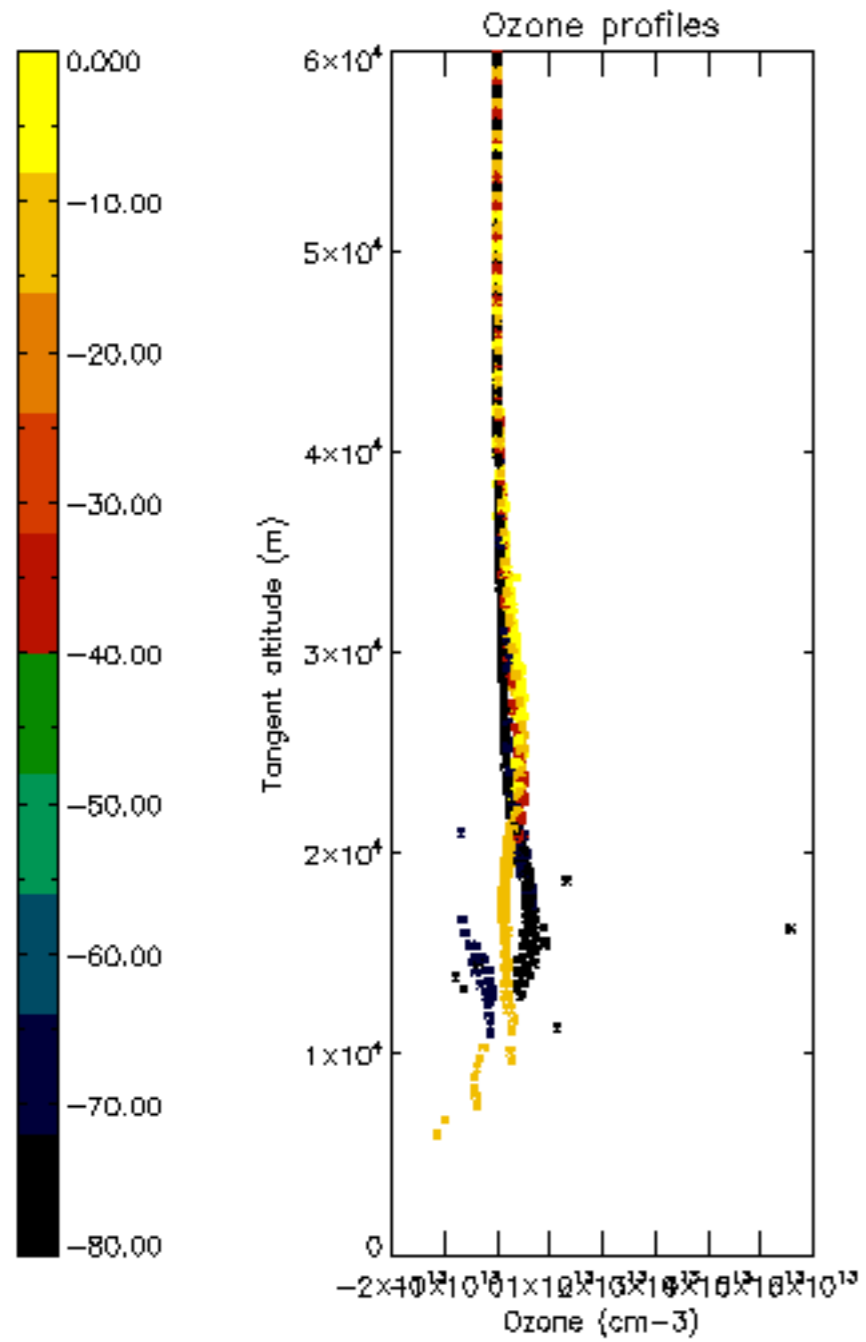
Percentage of star falling outside central band per profile

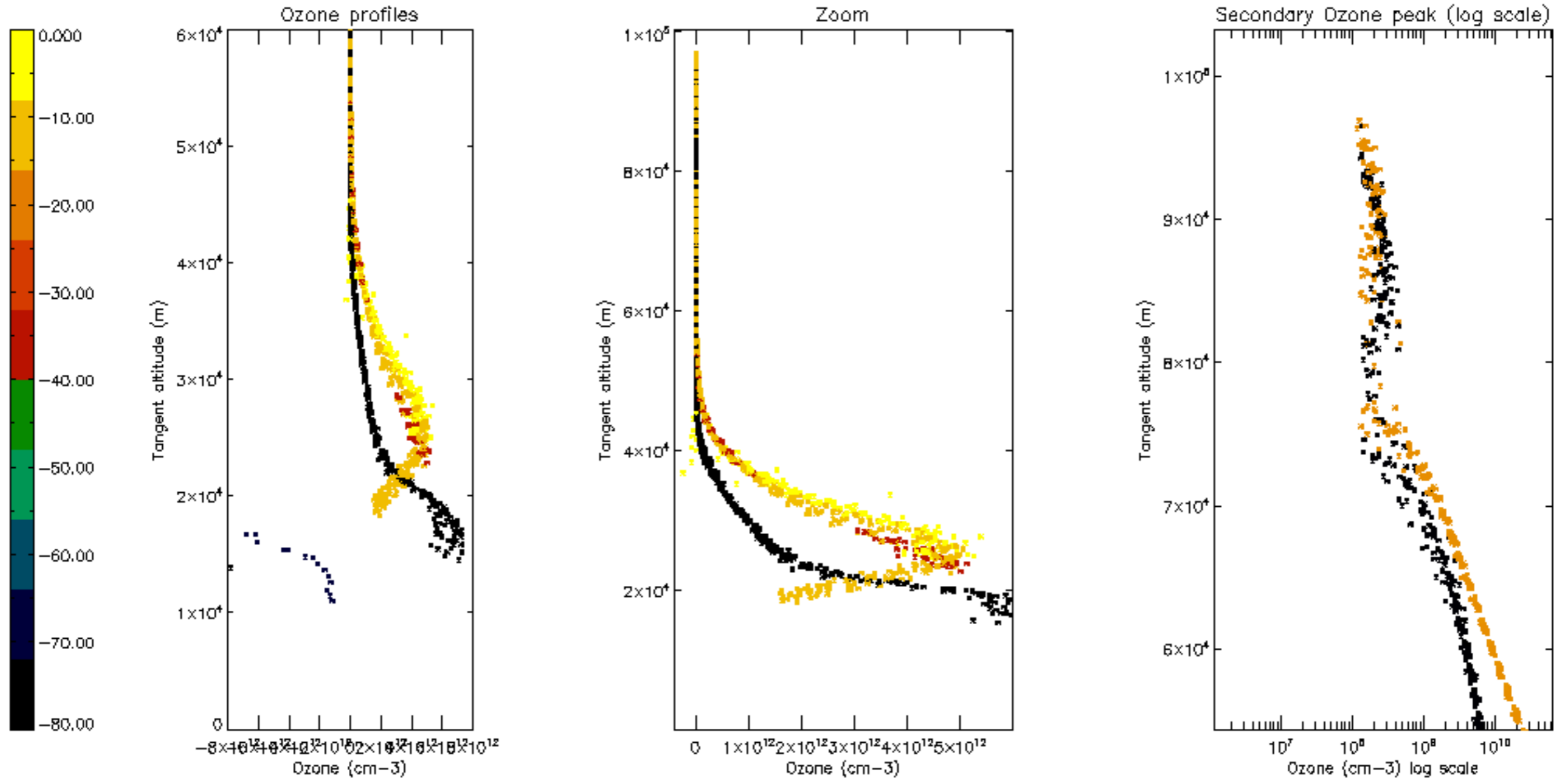


Percentage of saturation errors per profile

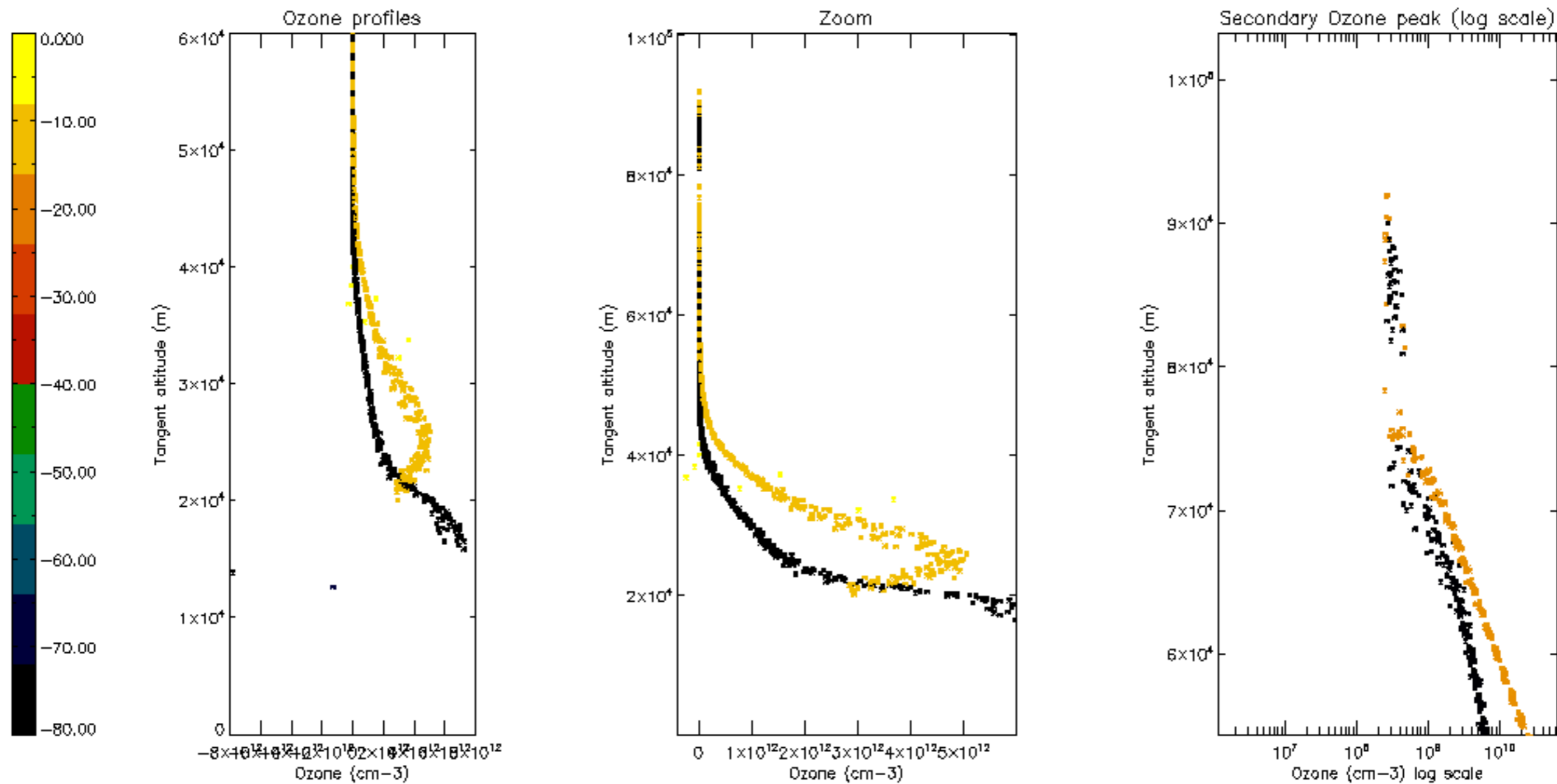


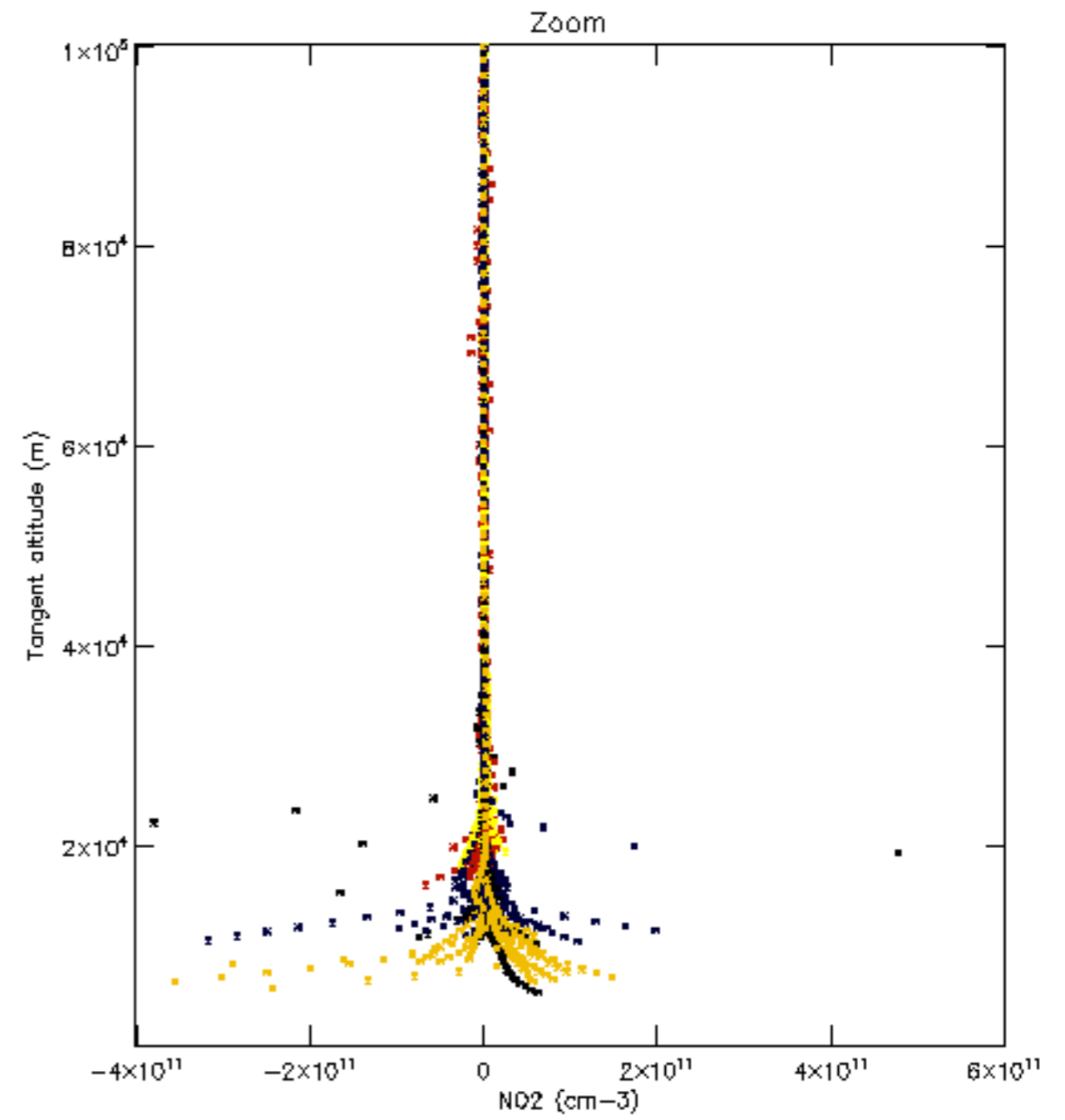
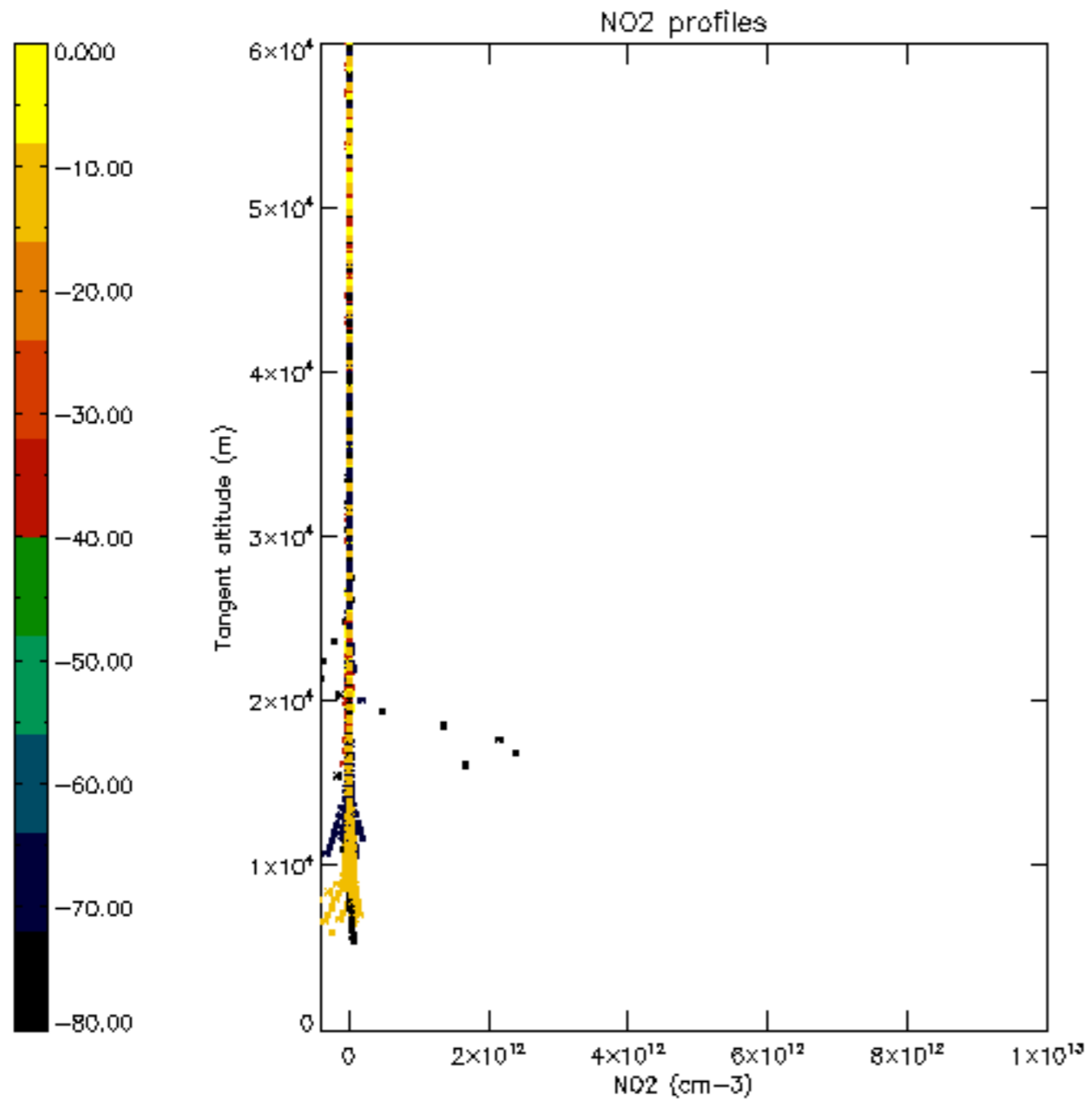


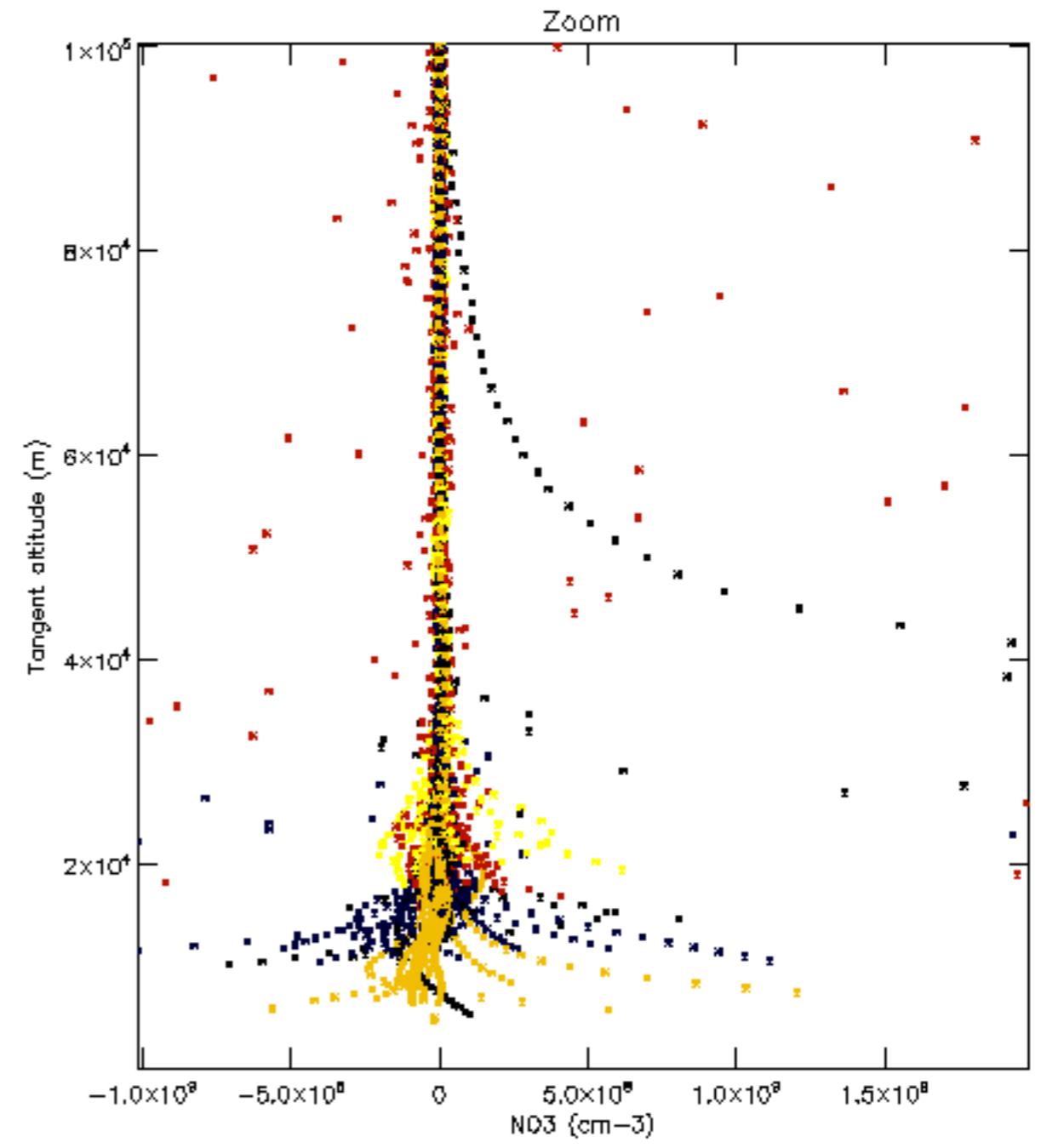
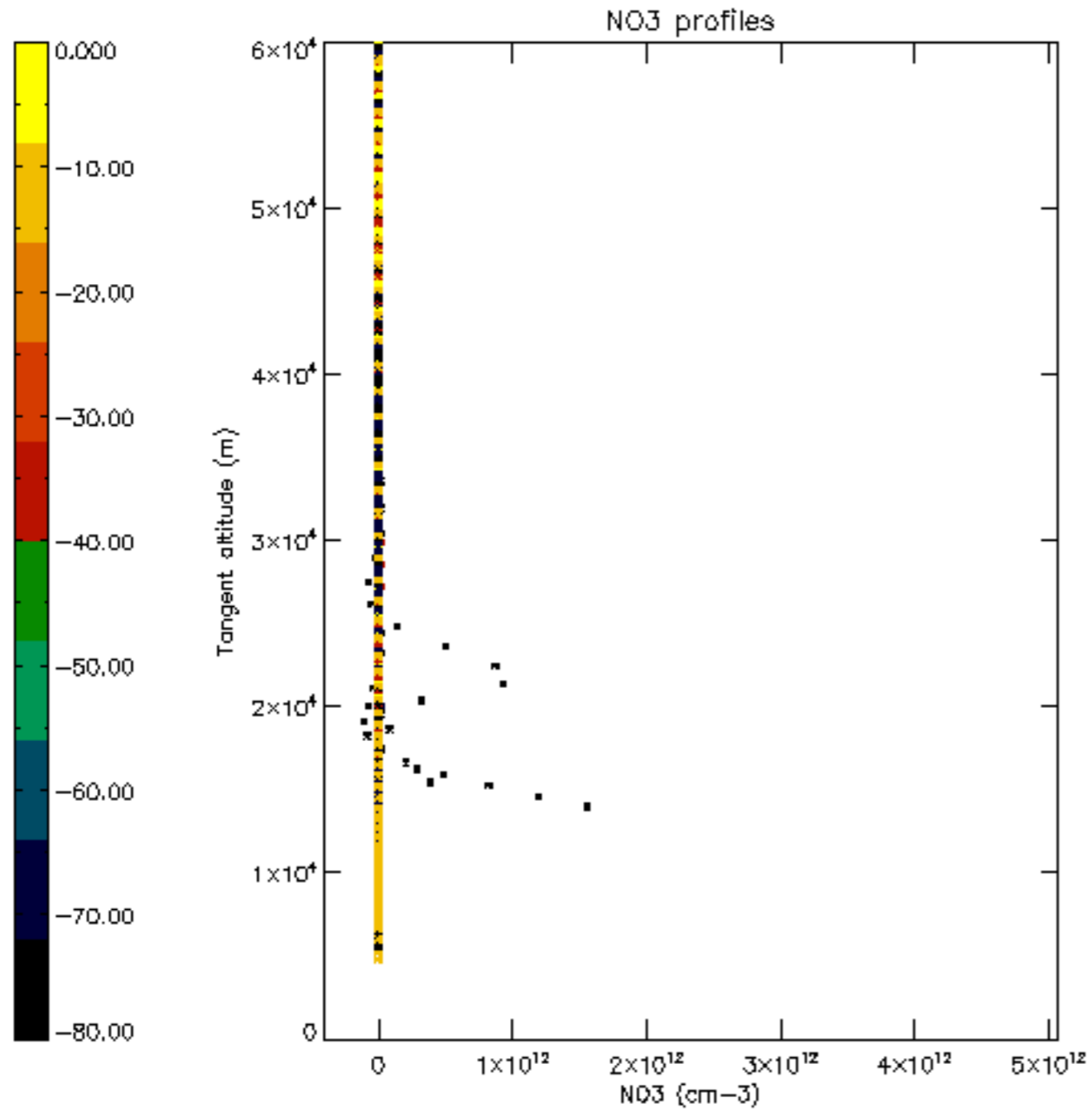


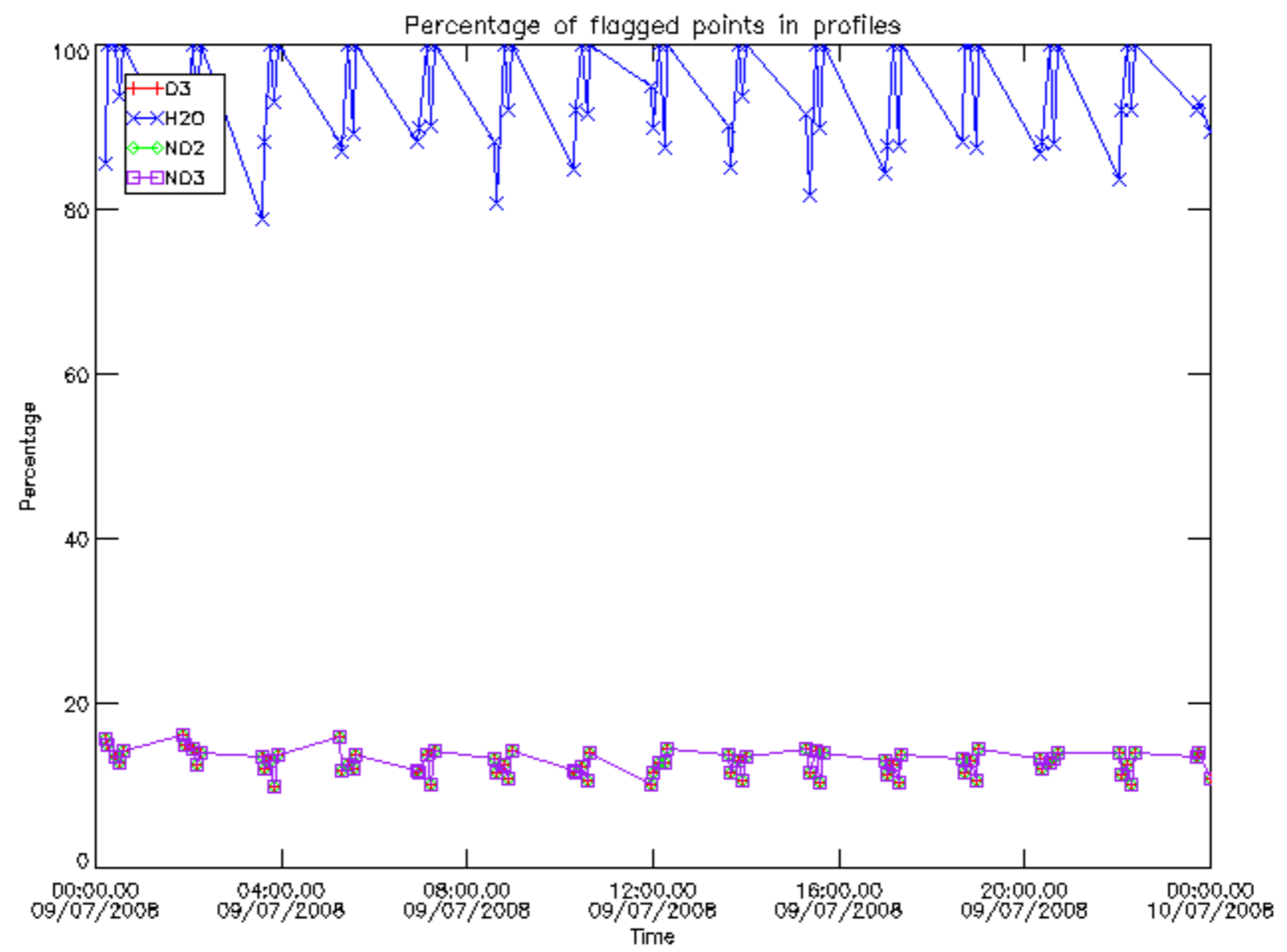






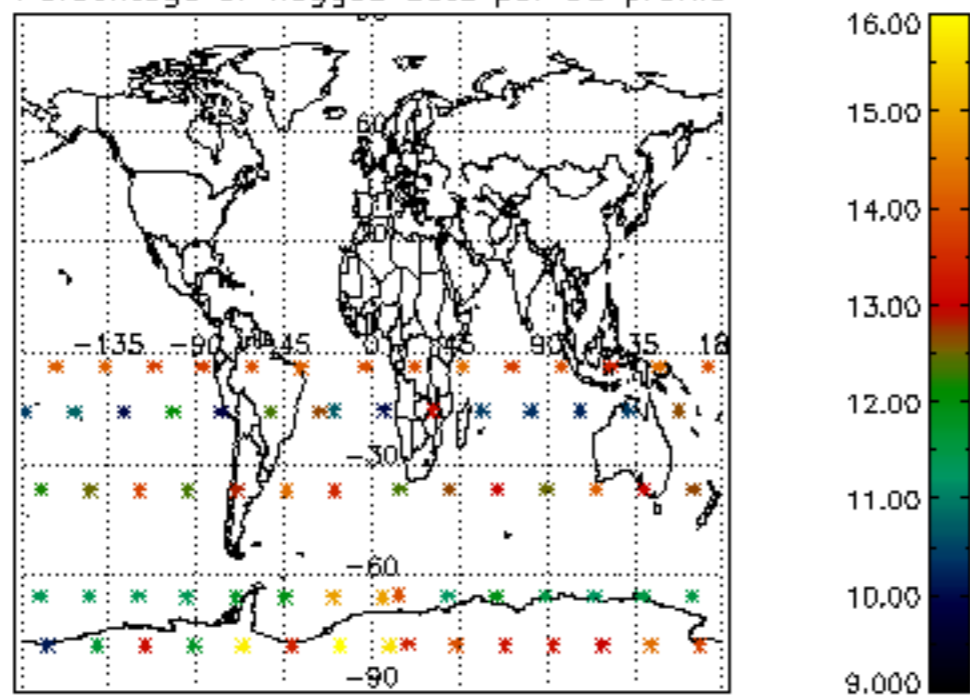




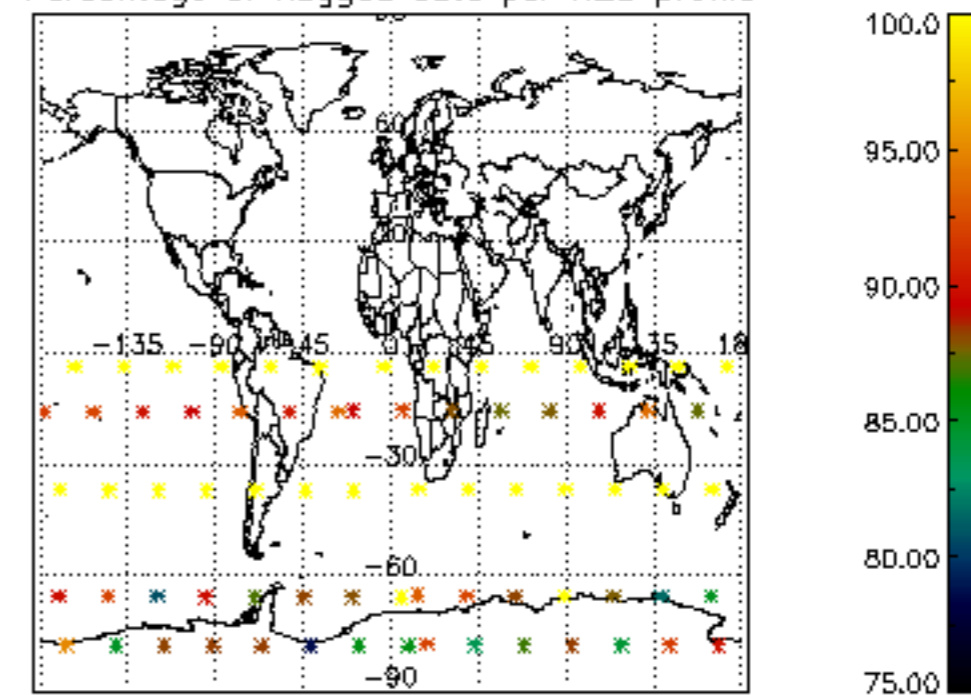




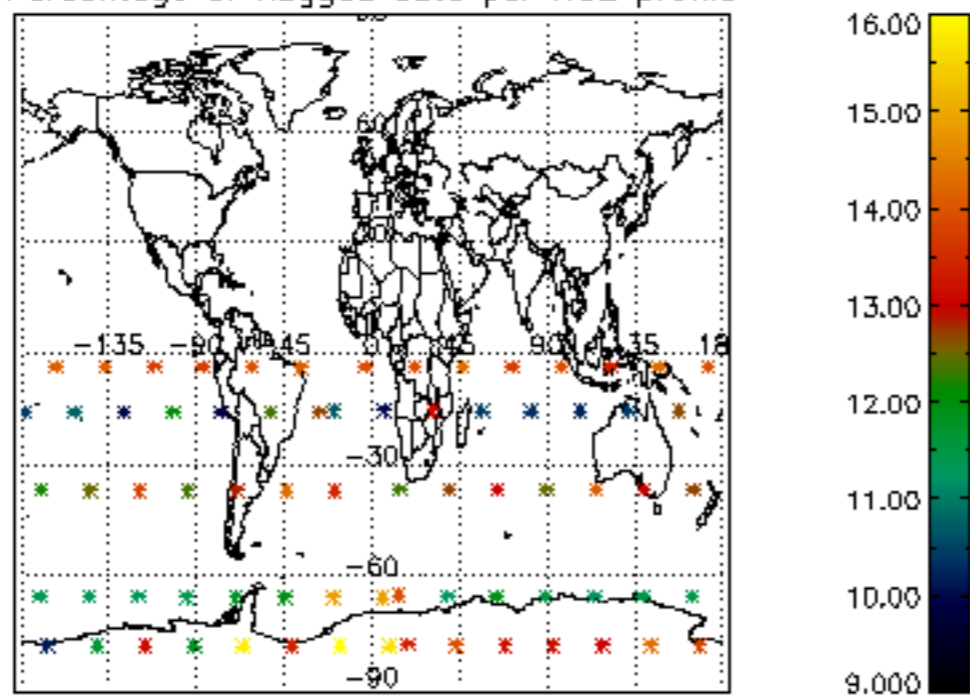
Percentage of flagged data per D3 profile



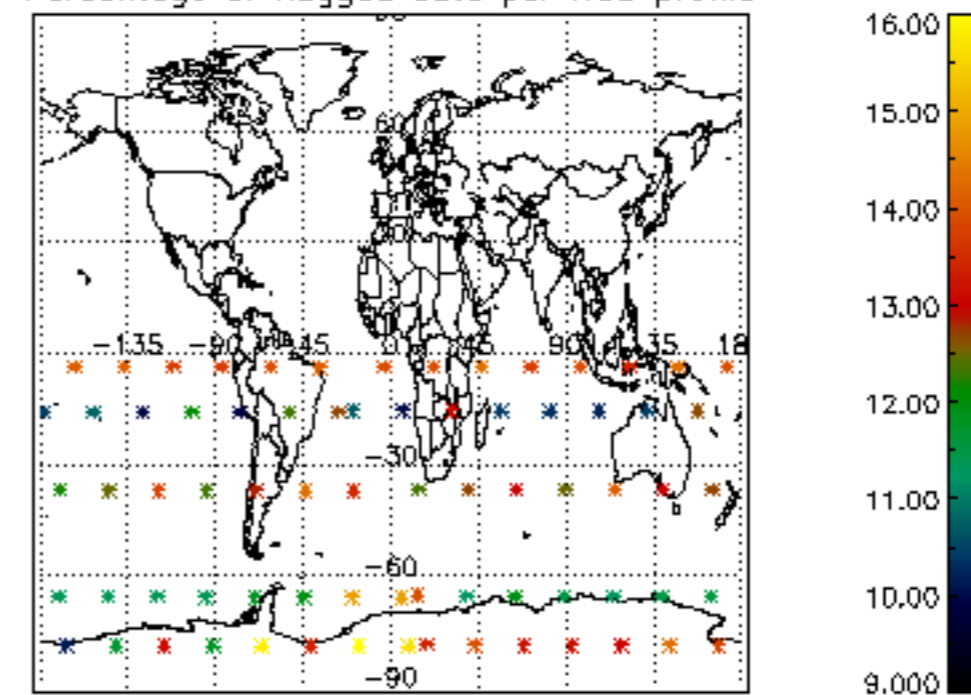
Percentage of flagged data per H2O profile

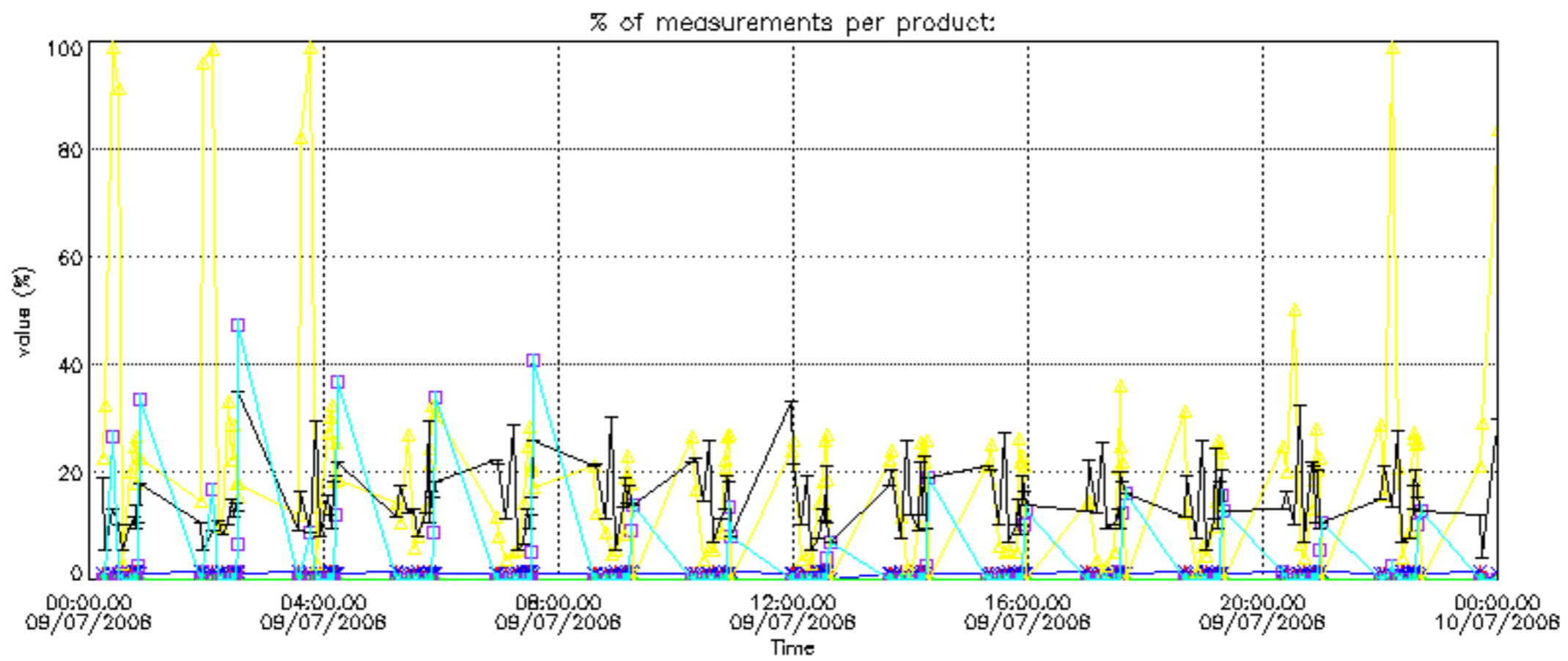


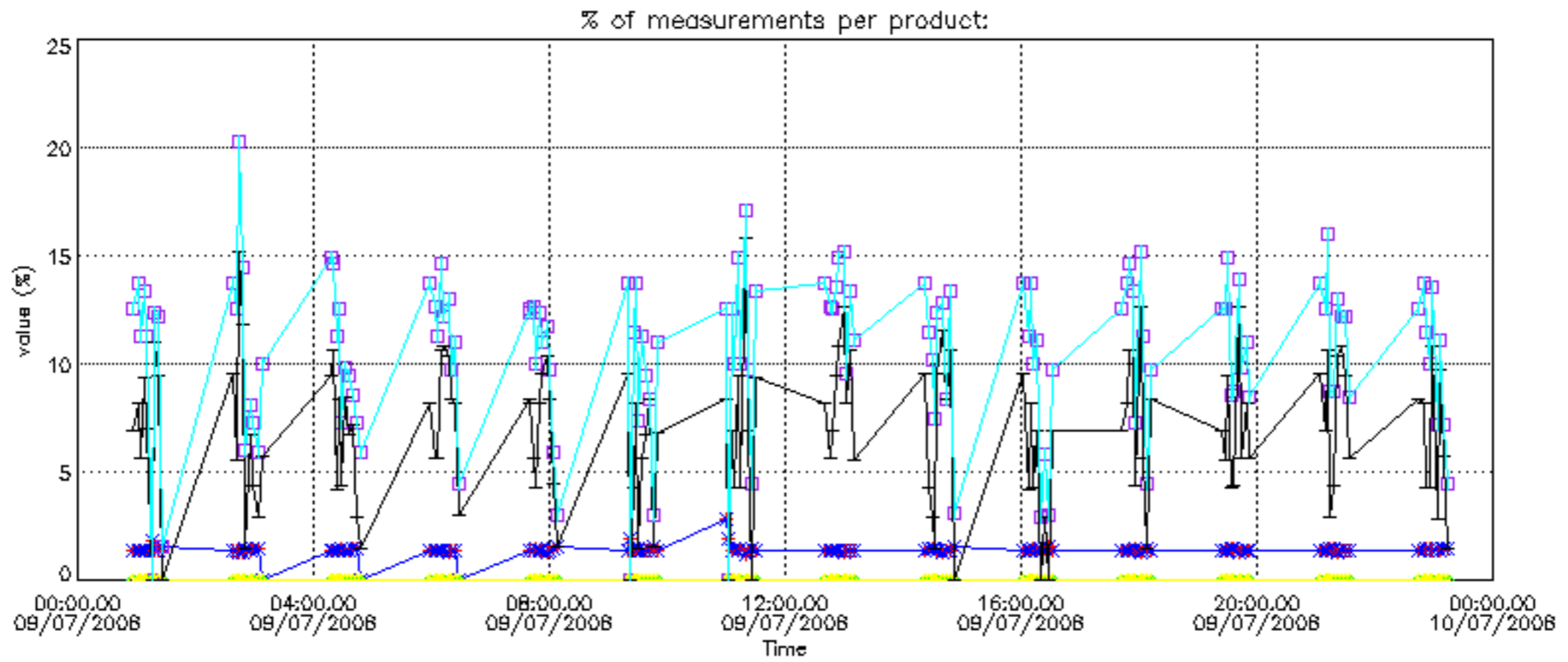
Percentage of flagged data per NO2 profile



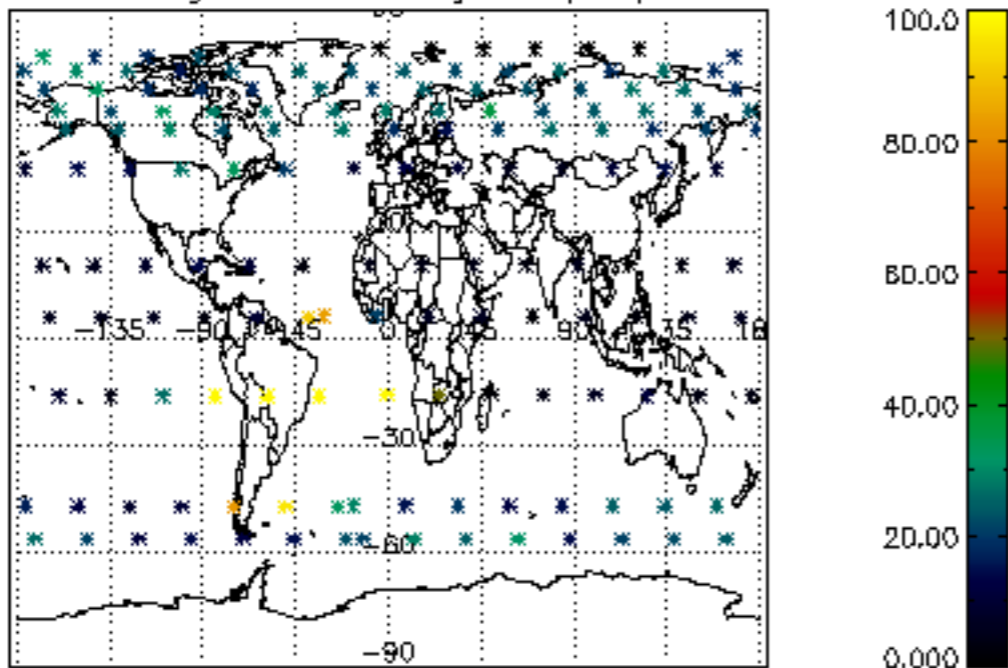
Percentage of flagged data per NO3 profile



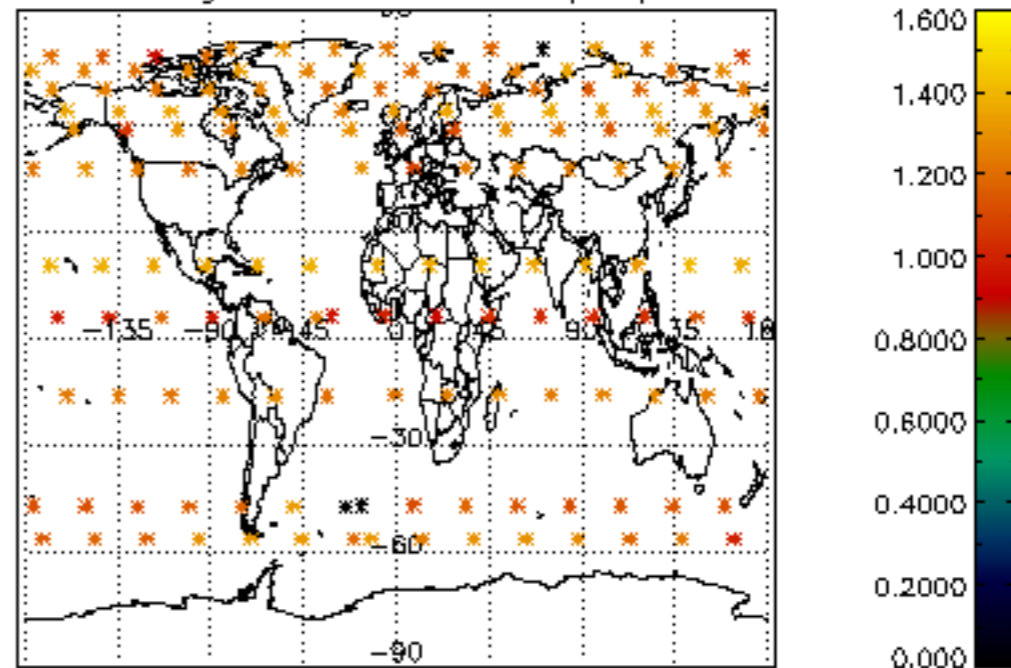




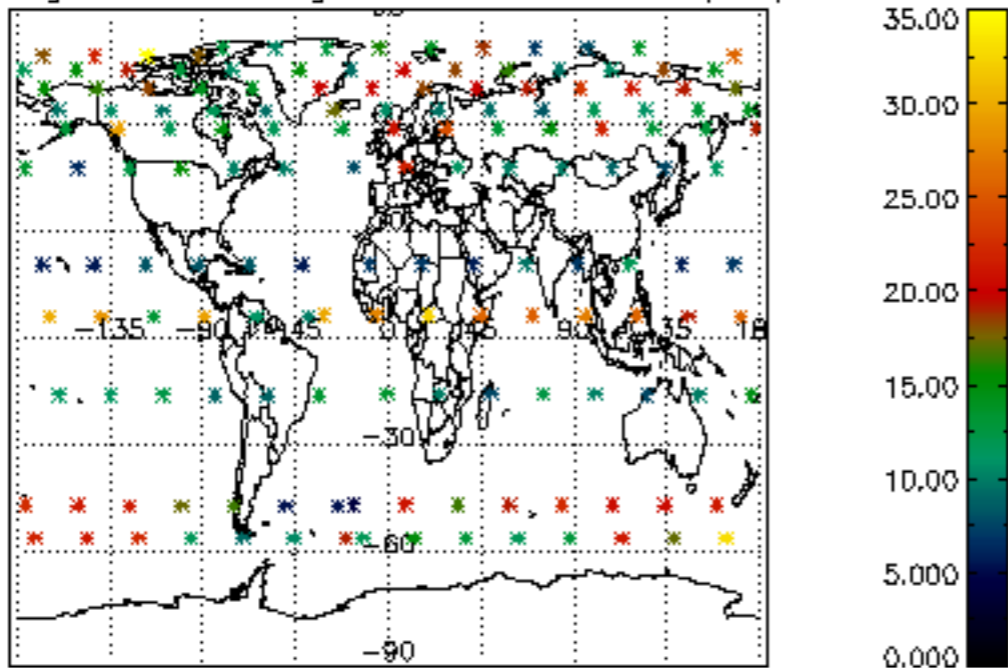
Percentage of cosmic ray hits per profile



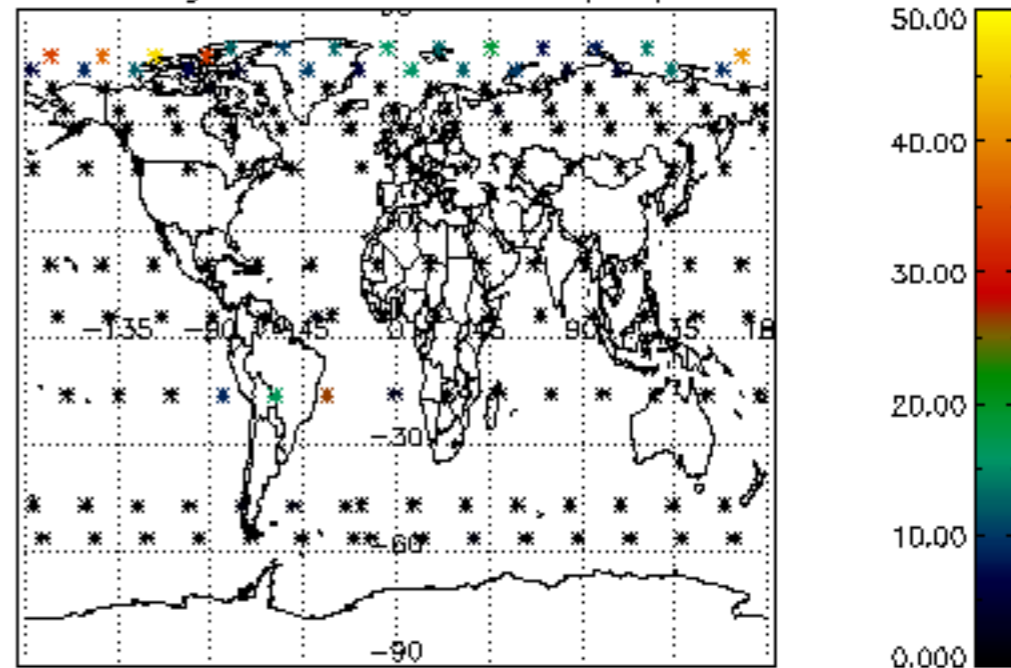
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

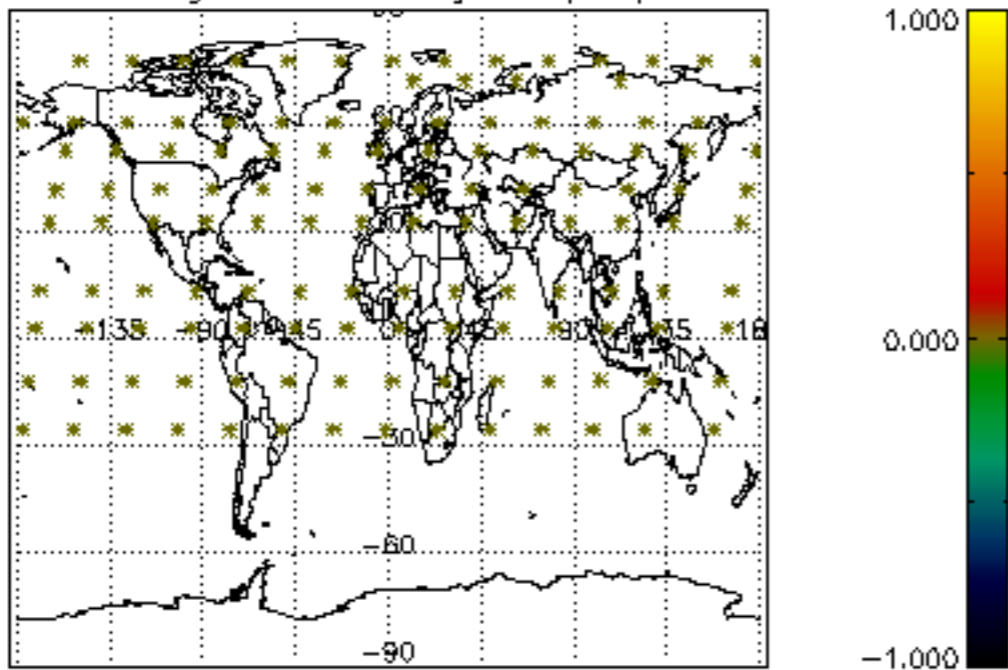


Percentage of saturation errors per profile

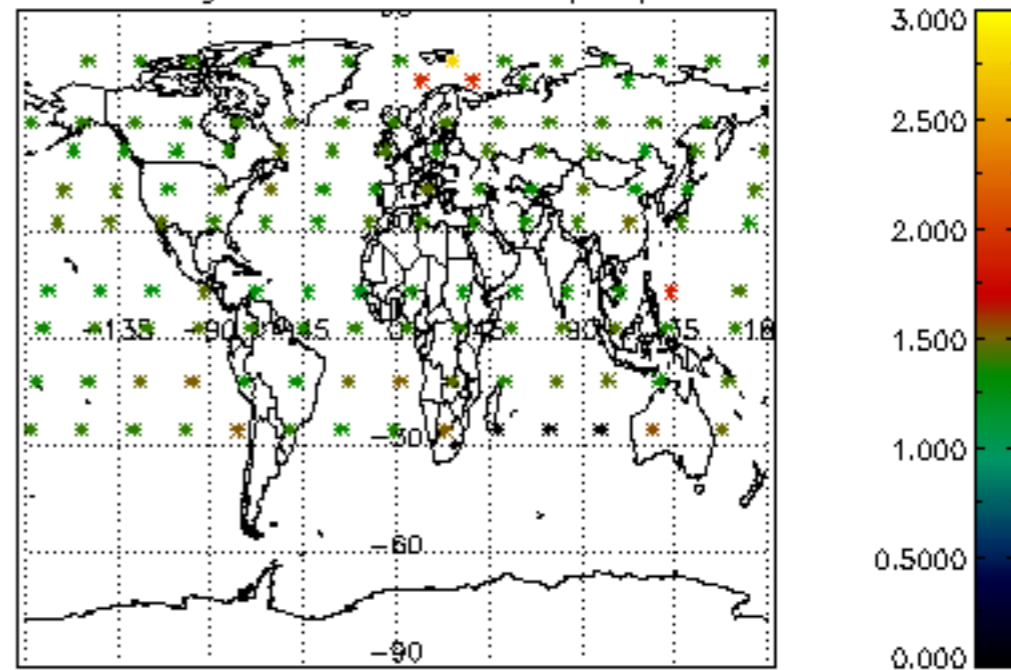




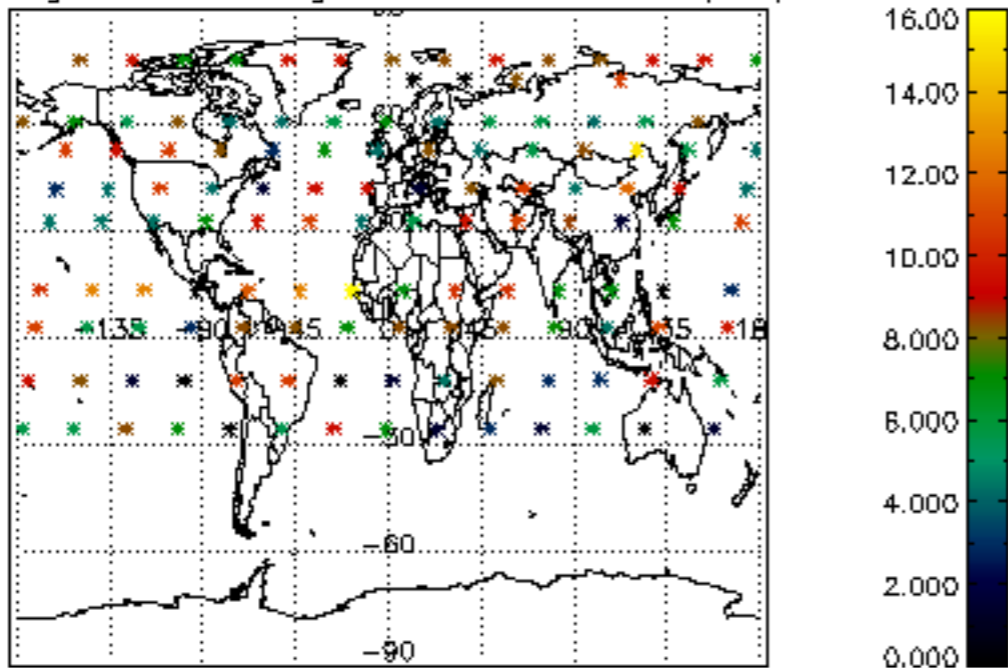
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

