

# 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	19APR2013 19:31:52
Data source version	GOMOS/6.01
Start time of products	01-09-2003 (01SEP2003 00:00:00)
Stop time of products	02-09-2003 (02SEP2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	361
Nb of prods with errors	11

## 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__2PRFIN20030901_000111_000000382019_00288_07857_9587.N1	01-SEP-2003 00:01:11	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	7857	No
2	GOM_NL__2PRFIN20030901_000402_000000422019_00288_07857_9588.N1	01-SEP-2003 00:04:02	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	7857	No
3	GOM_NL__2PRFIN20030901_000611_000000452019_00288_07857_9589.N1	01-SEP-2003 00:06:11	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	7857	No
4	GOM_NL__2PRFIN20030901_000846_000000412019_00288_07857_9590.N1	01-SEP-2003 00:08:46	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	7857	No
5	GOM_NL__2PRFIN20030901_001327_000000582019_00288_07857_9591.N1	01-SEP-2003 00:13:27	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7857	No
6	GOM_NL__2PRFIN20030901_001538_000000682019_00288_07857_9592.N1	01-SEP-2003 00:15:38	Bright	67.500	35	33Alp Per	1.7950	6250.0	135	7857	No
7	GOM_NL__2PRFIN20030901_002053_000000572019_00288_07857_9593.N1	01-SEP-2003 00:20:53	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	7857	No
8	GOM_NL__2PRFIN20030901_002433_000000492019_00288_07857_9594.N1	01-SEP-2003 00:24:33	Bright	48.500	107	37The Aur	2.6490	11000.	97	7857	No
9	GOM_NL__2PRFIN20030901_002647_000000402019_00288_07857_9595.N1	01-SEP-2003 00:26:47	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7857	No
10	GOM_NL__2PRFIN20030901_002821_000000702019_00288_07857_9596.N1	01-SEP-2003 00:28:21	Twilight	70.000	28	12Bet Tau	1.6500	15200.	140	7857	No
11	GOM_NL__2PRFIN20030901_003124_000000512019_00288_07857_9597.N1	01-SEP-2003 00:31:24	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	7857	No
12	GOM_NL__2PRFIN20030901_003326_000000492019_00288_07857_9598.N1	01-SEP-2003 00:33:26	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	7857	No
13	GOM_NL__2PRFIN20030901_003558_000000732019_00288_07857_9599.N1	01-SEP-2003 00:35:58	Dark	72.500	14	58Alp Ori	0.87000	3000.0	145	7857	No
14	GOM_NL__2PRFIN20030901_003811_000000752019_00288_07857_9600.N1	01-SEP-2003 00:38:11	Dark	75.000	27	24Gam Ori	1.6360	26000.	150	7857	No
15	GOM_NL__2PRFIN20030901_004104_000000432019_00288_07857_9601.N1	01-SEP-2003 00:41:04	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	7857	No
16	GOM_NL__2PRFIN20030901_004222_000000432019_00288_07857_9602.N1	01-SEP-2003 00:42:22	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	7857	No
17	GOM_NL__2PRFIN20030901_004349_000000482019_00288_07857_9603.N1	01-SEP-2003 00:43:49	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	7857	No
18	GOM_NL__2PRFIN20030901_005035_000000502019_00288_07857_9604.N1	01-SEP-2003 00:50:35	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	7857	No
19	GOM_NL__2PRFIN20030901_010059_000000402019_00289_07858_8947.N1	01-SEP-2003 01:00:59	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	7858	No
20	GOM_NL__2PRFIN20030901_010632_000000452019_00289_07858_8948.N1	01-SEP-2003 01:06:32	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	7858	No
21	GOM_NL__2PRFIN20030901_010938_000000472019_00289_07858_8949.N1	01-SEP-2003 01:09:38	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	7858	No
22	GOM_NL__2PRFIN20030901_011416_000000512019_00289_07858_8950.N1	01-SEP-2003 01:14:16	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	7858	No
23	GOM_NL__2PRFIN20030901_011849_000000522019_00289_07858_8951.N1	01-SEP-2003 01:18:49	Dark	51.500	1014	Mars	0.0000	0.0000	103	7858	Yes
24	GOM_NL__2PRFIN20030901_012216_000000402019_00289_07858_8952.N1	01-SEP-2003 01:22:16	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7858	No
25	GOM_NL__2PRFIN20030901_012344_000000422019_00289_07858_8953.N1	01-SEP-2003 01:23:44	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7858	No
26	GOM_NL__2PRFIN20030901_012644_000000422019_00289_07858_8954.N1	01-SEP-2003 01:26:44	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	7858	No
27	GOM_NL__2PRFIN20030901_012943_000000492019_00289_07858_8955.N1	01-SEP-2003 01:29:43	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	7858	No
28	GOM_NL__2PRFIN20030901_013336_000000382019_00289_07858_8956.N1	01-SEP-2003 01:33:36	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	7858	No
29	GOM_NL__2PRFIN20030901_013528_000000392019_00289_07858_8957.N1	01-SEP-2003 01:35:28	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7858	No
30	GOM_NL__2PRFIN20030901_013647_000000402019_00289_07858_8958.N1	01-SEP-2003 01:36:47	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	7858	No
31	GOM_NL__2PRFIN20030901_014147_000000372019_00289_07858_8959.N1	01-SEP-2003 01:41:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	7858	No
32	GOM_NL__2PRFIN20030901_014437_000000472019_00289_07858_8960.N1	01-SEP-2003 01:44:37	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	7858	No
33	GOM_NL__2PRFIN20030901_014646_000000462019_00289_07858_8961.N1	01-SEP-2003 01:46:46	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7858	No
34	GOM_NL__2PRFIN20030901_014924_000000382019_00289_07858_8962.N1	01-SEP-2003 01:49:24	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7858	No
35	GOM_NL__2PRFIN20030901_015402_000000552019_00289_07858_8963.N1	01-SEP-2003 01:54:02	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	7858	No
36	GOM_NL__2PRFIN20030901_015613_000000652019_00289_07858_8964.N1	01-SEP-2003 01:56:13	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	7858	No
37	GOM_NL__2PRFIN20030901_020129_000000602019_00289_07858_8965.N1	01-SEP-2003 02:01:29	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	7858	No
38	GOM_NL__2PRFIN20030901_020509_000000472019_00289_07858_8966.N1	01-SEP-2003 02:05:09	Bright	47.000	107	37The Aur	2.6490	11000.	94	7858	No
39	GOM_NL__2PRFIN20030901_020724_000000422019_00289_07858_8967.N1	01-SEP-2003 02:07:24	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	7858	No
40	GOM_NL__2PRFIN20030901_020857_000000682019_00289_07858_8968.N1	01-SEP-2003 02:08:57	Twilight	68.000	28	12Bet Tau	1.6500	15200.	136	7858	No
41	GOM_NL__2PRFIN20030901_021201_000000522019_00289_07858_8969.N1	01-SEP-2003 02:12:01	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	7858	No
42	GOM_NL__2PRFIN20030901_021403_000000452019_00289_07858_8970.N1	01-SEP-2003 02:14:03	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	7858	No

43	GOM_NL__2PRFIN20030901_021635_000000732019_00289_07858_8971.N1	01-SEP-2003 02:16:35	Dark	72.500	14	58Alp Ori	0.87000	3000.0	145	7858	No
44	GOM_NL__2PRFIN20030901_021848_000000772019_00289_07858_8972.N1	01-SEP-2003 02:18:48	Dark	76.500	27	24Gam Ori	1.6360	26000.	153	7858	No
45	GOM_NL__2PRFIN20030901_022140_000000442019_00289_07858_8973.N1	01-SEP-2003 02:21:40	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	7858	No
46	GOM_NL__2PRFIN20030901_022427_000000472019_00289_07858_8974.N1	01-SEP-2003 02:24:27	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	7858	No
47	GOM_NL__2PRFIN20030901_022602_000000412019_00289_07858_8975.N1	01-SEP-2003 02:26:02	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7858	No
48	GOM_NL__2PRFIN20030901_023111_000000482019_00289_07858_8976.N1	01-SEP-2003 02:31:11	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	7858	No
49	GOM_NL__2PRFIN20030901_024135_000000412019_00290_07859_8948.N1	01-SEP-2003 02:41:35	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	7859	No
50	GOM_NL__2PRFIN20030901_024707_000000462019_00290_07859_8949.N1	01-SEP-2003 02:47:07	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	7859	No
51	GOM_NL__2PRFIN20030901_025012_000000482019_00290_07859_8950.N1	01-SEP-2003 02:50:12	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	7859	No
52	GOM_NL__2PRFIN20030901_025451_000000542019_00290_07859_8951.N1	01-SEP-2003 02:54:51	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	7859	No
53	GOM_NL__2PRFIN20030901_025924_000000532019_00290_07859_8952.N1	01-SEP-2003 02:59:24	Dark	53.000	1014	Mars	0.0000	0.0000	106	7859	Yes
54	GOM_NL__2PRFIN20030901_030252_000000402019_00290_07859_8953.N1	01-SEP-2003 03:02:52	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7859	No
55	GOM_NL__2PRFIN20030901_030420_000000432019_00290_07859_8954.N1	01-SEP-2003 03:04:20	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	7859	No
56	GOM_NL__2PRFIN20030901_030719_000000432019_00290_07859_8955.N1	01-SEP-2003 03:07:19	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	7859	No
57	GOM_NL__2PRFIN20030901_031018_000000492019_00290_07859_8956.N1	01-SEP-2003 03:10:18	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	7859	No
58	GOM_NL__2PRFIN20030901_031410_000000422019_00290_07859_8957.N1	01-SEP-2003 03:14:10	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	7859	No
59	GOM_NL__2PRFIN20030901_031605_000000392019_00290_07859_8958.N1	01-SEP-2003 03:16:05	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7859	No
60	GOM_NL__2PRFIN20030901_031721_000000432019_00290_07859_8959.N1	01-SEP-2003 03:17:21	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	7859	No
61	GOM_NL__2PRFIN20030901_032222_000000352019_00290_07859_8960.N1	01-SEP-2003 03:22:22	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	7859	No
62	GOM_NL__2PRFIN20030901_032513_000000462019_00290_07859_8961.N1	01-SEP-2003 03:25:13	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	7859	No
63	GOM_NL__2PRFIN20030901_032721_000000462019_00290_07859_8962.N1	01-SEP-2003 03:27:21	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7859	No
64	GOM_NL__2PRFIN20030901_033000_000000382019_00290_07859_8963.N1	01-SEP-2003 03:30:00	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7859	No
65	GOM_NL__2PRFIN20030901_033437_000000592019_00290_07859_8964.N1	01-SEP-2003 03:34:37	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7859	No
66	GOM_NL__2PRFIN20030901_033648_000000642019_00290_07859_8965.N1	01-SEP-2003 03:36:48	Bright	63.500	35	33Alp Per	1.7950	6250.0	127	7859	No
67	GOM_NL__2PRFIN20030901_034204_000000552019_00290_07859_8966.N1	01-SEP-2003 03:42:04	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	7859	No
68	GOM_NL__2PRFIN20030901_034545_000000462019_00290_07859_8967.N1	01-SEP-2003 03:45:45	Bright	46.000	107	37The Aur	2.6490	11000.	92	7859	No
69	GOM_NL__2PRFIN20030901_034800_000000402019_00290_07859_8968.N1	01-SEP-2003 03:48:00	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7859	No
70	GOM_NL__2PRFIN20030901_034933_000000692019_00290_07859_8969.N1	01-SEP-2003 03:49:33	Twilight	69.000	28	12Bet Tau	1.6500	15200.	138	7859	No
71	GOM_NL__2PRFIN20030901_035237_000000522019_00290_07859_8970.N1	01-SEP-2003 03:52:37	Twilight	51.500	44	24Gam Gem	1.9280	11000.	103	7859	No
72	GOM_NL__2PRFIN20030901_035439_000000472019_00290_07859_8971.N1	01-SEP-2003 03:54:39	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	7859	No
73	GOM_NL__2PRFIN20030901_035711_000000772019_00290_07859_8972.N1	01-SEP-2003 03:57:11	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7859	No
74	GOM_NL__2PRFIN20030901_035925_000000752019_00290_07859_8973.N1	01-SEP-2003 03:59:25	Dark	75.000	27	24Gam Ori	1.6360	26000.	150	7859	No
75	GOM_NL__2PRFIN20030901_040215_000000472019_00290_07859_8974.N1	01-SEP-2003 04:02:15	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	7859	No
76	GOM_NL__2PRFIN20030901_040335_000000452019_00290_07859_8975.N1	01-SEP-2003 04:03:35	Dark	45.000	179	24Omi2CMa	3.0320	24000.	90	7859	No
77	GOM_NL__2PRFIN20030901_040500_000000482019_00290_07859_8976.N1	01-SEP-2003 04:05:00	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	7859	No
78	GOM_NL__2PRFIN20030901_040636_000000412019_00290_07859_8977.N1	01-SEP-2003 04:06:36	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7859	No
79	GOM_NL__2PRFIN20030901_041146_000000542019_00290_07859_8978.N1	01-SEP-2003 04:11:46	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7859	No
80	GOM_NL__2PRFIN20030901_042212_000000412019_00291_07860_9174.N1	01-SEP-2003 04:22:12	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	7860	No
81	GOM_NL__2PRFIN20030901_042745_000000412019_00291_07860_9175.N1	01-SEP-2003 04:27:45	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7860	No
82	GOM_NL__2PRFIN20030901_042920_000000532019_00291_07860_9176.N1	01-SEP-2003 04:29:20	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	7860	No
83	GOM_NL__2PRFIN20030901_043124_000000442019_00291_07860_9177.N1	01-SEP-2003 04:31:24	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	7860	No
84	GOM_NL__2PRFIN20030901_043527_000000532019_00291_07860_9178.N1	01-SEP-2003 04:35:27	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	7860	No
85	GOM_NL__2PRFIN20030901_044000_000000582019_00291_07860_9179.N1	01-SEP-2003 04:40:00	Dark	57.500	1014	Mars	0.0000	0.0000	115	7860	Yes
86	GOM_NL__2PRFIN20030901_044328_000000422019_00291_07860_9180.N1	01-SEP-2003 04:43:28	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	7860	No
87	GOM_NL__2PRFIN20030901_044454_000000442019_00291_07860_9181.N1	01-SEP-2003 04:44:54	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	7860	No
88	GOM_NL__2PRFIN20030901_044757_000000412019_00291_07860_9182.N1	01-SEP-2003 04:47:57	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	7860	No
89	GOM_NL__2PRFIN20030901_045054_000000482019_00291_07860_9183.N1	01-SEP-2003 04:50:54	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	7860	No
90	GOM_NL__2PRFIN20030901_045448_000000412019_00291_07860_9184.N1	01-SEP-2003 04:54:48	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	7860	No
91	GOM_NL__2PRFIN20030901_045640_000000412019_00291_07860_9185.N1	01-SEP-2003 04:56:40	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	7860	No
92	GOM_NL__2PRFIN20030901_045759_000000412019_00291_07860_9186.N1	01-SEP-2003 04:57:59	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	7860	No
93	GOM_NL__2PRFIN20030901_050258_000000392019_00291_07860_9187.N1	01-SEP-2003 05:02:58	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7860	No
94	GOM_NL__2PRFIN20030901_050548_000000462019_00291_07860_9188.N1	01-SEP-2003 05:05:48	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	7860	No
95	GOM_NL__2PRFIN20030901_050757_000000472019_00291_07860_9189.N1	01-SEP-2003 05:07:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7860	No
96	GOM_NL__2PRFIN20030901_051036_000000362019_00291_07860_9190.N1	01-SEP-2003 05:10:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7860	No
97	GOM_NL__2PRFIN20030901_051512_000000592019_00291_07860_9191.N1	01-SEP-2003 05:15:12	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7860	No
98	GOM_NL__2PRFIN20030901_051723_000000632019_00291_07860_9192.N1	01-SEP-2003 05:17:23	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	7860	No
99	GOM_NL__2PRFIN20030901_052033_000001032019_00291_07860_9193.N1	01-SEP-2003 05:20:33	Bright	103.00	79	26Bet Per	2.3100	13100.	206	7860	No
100	GOM_NL__2PRFIN20030901_052344_000000802019_00291_07860_9194.N1	01-SEP-2003 05:23:44	Bright	80.000	149	45Eps Per	2.8880	30000.	160	7860	No
101	GOM_NL__2PRFIN20030901_052621_000000492019_00291_07860_9195.N1	01-SEP-2003 05:26:21	Bright	48.500	107	37The Aur	2.6490	11000.	97	7860	No

102	GOM_NL__2PRFIN20030901_052836_000000402019_00291_07860_9196.N1	01-SEP-2003 05:28:36	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7860	No
103	GOM_NL__2PRFIN20030901_053009_000000732019_00291_07860_9197.N1	01-SEP-2003 05:30:09	Twl_and_stray	72.500	28	12Bet Tau	1.6500	15200.	145	7860	No
104	GOM_NL__2PRFIN20030901_053314_000000492019_00291_07860_9198.N1	01-SEP-2003 05:33:14	Twl_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	7860	No
105	GOM_NL__2PRFIN20030901_053516_000000492019_00291_07860_9199.N1	01-SEP-2003 05:35:16	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	7860	No
106	GOM_NL__2PRFIN20030901_053748_000000692019_00291_07860_9200.N1	01-SEP-2003 05:37:48	Dark	68.500	14	58Alp Ori	0.87000	3000.0	137	7860	No
107	GOM_NL__2PRFIN20030901_054003_000000752019_00291_07860_9201.N1	01-SEP-2003 05:40:03	Dark	74.500	27	24Gam Ori	1.6360	26000.	149	7860	No
108	GOM_NL__2PRFIN20030901_054254_000000432019_00291_07860_9202.N1	01-SEP-2003 05:42:54	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	7860	No
109	GOM_NL__2PRFIN20030901_054411_000000422019_00291_07860_9203.N1	01-SEP-2003 05:44:11	Dark	42.000	179	24Omi2CMa	3.0320	24000.	84	7860	No
110	GOM_NL__2PRFIN20030901_054540_000000482019_00291_07860_9204.N1	01-SEP-2003 05:45:40	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	7860	No
111	GOM_NL__2PRFIN20030901_054712_000000412019_00291_07860_9205.N1	01-SEP-2003 05:47:12	Dark	41.000	70	Zet Pup	2.2460	39000.	82	7860	No
112	GOM_NL__2PRFIN20030901_055225_000000492019_00291_07860_9206.N1	01-SEP-2003 05:52:25	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	7860	No
113	GOM_NL__2PRFIN20030901_060247_000000412019_00292_07861_9175.N1	01-SEP-2003 06:02:47	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	7861	No
114	GOM_NL__2PRFIN20030901_060821_000000522019_00292_07861_9176.N1	01-SEP-2003 06:08:21	Straylight	52.000	148	Alp Tuc	2.8780	4100.0	104	7861	No
115	GOM_NL__2PRFIN20030901_060957_000000542019_00292_07861_9177.N1	01-SEP-2003 06:09:57	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7861	No
116	GOM_NL__2PRFIN20030901_061201_000000422019_00292_07861_9178.N1	01-SEP-2003 06:12:01	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	7861	No
117	GOM_NL__2PRFIN20030901_061603_000000532019_00292_07861_9179.N1	01-SEP-2003 06:16:03	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	7861	No
118	GOM_NL__2PRFIN20030901_062036_000000552019_00292_07861_9180.N1	01-SEP-2003 06:20:36	Dark	54.500	1014	Mars	0.0000	0.0000	109	7861	Yes
119	GOM_NL__2PRFIN20030901_062402_000000432019_00292_07861_9181.N1	01-SEP-2003 06:24:02	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	7861	No
120	GOM_NL__2PRFIN20030901_062530_000000452019_00292_07861_9182.N1	01-SEP-2003 06:25:30	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	7861	No
121	GOM_NL__2PRFIN20030901_062833_000000422019_00292_07861_9183.N1	01-SEP-2003 06:28:33	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	7861	No
122	GOM_NL__2PRFIN20030901_063130_000000482019_00292_07861_9184.N1	01-SEP-2003 06:31:30	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	7861	No
123	GOM_NL__2PRFIN20030901_063524_000000412019_00292_07861_9185.N1	01-SEP-2003 06:35:24	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	7861	No
124	GOM_NL__2PRFIN20030901_063715_000000422019_00292_07861_9186.N1	01-SEP-2003 06:37:15	Bright	42.000	66	37Gam Cyg	2.2080	5900.0	84	7861	No
125	GOM_NL__2PRFIN20030901_063835_000000412019_00292_07861_9187.N1	01-SEP-2003 06:38:35	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	7861	No
126	GOM_NL__2PRFIN20030901_064334_000000382019_00292_07861_9188.N1	01-SEP-2003 06:43:34	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7861	No
127	GOM_NL__2PRFIN20030901_064623_000000432019_00292_07861_9189.N1	01-SEP-2003 06:46:23	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	7861	No
128	GOM_NL__2PRFIN20030901_064832_000000472019_00292_07861_9190.N1	01-SEP-2003 06:48:32	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7861	No
129	GOM_NL__2PRFIN20030901_065112_000000392019_00292_07861_9191.N1	01-SEP-2003 06:51:12	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	7861	No
130	GOM_NL__2PRFIN20030901_065547_000000592019_00292_07861_9192.N1	01-SEP-2003 06:55:47	Bright	58.500	160	23Gam Per	2.9300	4700.0	117	7861	No
131	GOM_NL__2PRFIN20030901_065758_000000622019_00292_07861_9193.N1	01-SEP-2003 06:57:58	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	7861	No
132	GOM_NL__2PRFIN20030901_070108_000001032019_00292_07861_9194.N1	01-SEP-2003 07:01:08	Bright	103.00	79	26Bet Per	2.3100	13100.	206	7861	No
133	GOM_NL__2PRFIN20030901_070419_000000872019_00292_07861_9195.N1	01-SEP-2003 07:04:19	Bright	86.500	149	45Eps Per	2.8880	30000.	173	7861	No
134	GOM_NL__2PRFIN20030901_070657_000000492019_00292_07861_9196.N1	01-SEP-2003 07:06:57	Bright	49.000	107	37The Aur	2.6490	11000.	98	7861	No
135	GOM_NL__2PRFIN20030901_070912_000000412019_00292_07861_9197.N1	01-SEP-2003 07:09:12	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	7861	No
136	GOM_NL__2PRFIN20030901_071046_000000712019_00292_07861_9198.N1	01-SEP-2003 07:10:46	Twl_and_stray	70.500	28	12Bet Tau	1.6500	15200.	141	7861	No
137	GOM_NL__2PRFIN20030901_071350_000000492019_00292_07861_9199.N1	01-SEP-2003 07:13:50	Twl_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	7861	No
138	GOM_NL__2PRFIN20030901_071552_000000502019_00292_07861_9200.N1	01-SEP-2003 07:15:52	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	7861	No
139	GOM_NL__2PRFIN20030901_071825_000000702019_00292_07861_9201.N1	01-SEP-2003 07:18:25	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	7861	No
140	GOM_NL__2PRFIN20030901_072040_000000742019_00292_07861_9202.N1	01-SEP-2003 07:20:40	Dark	74.000	27	24Gam Ori	1.6360	26000.	148	7861	No
141	GOM_NL__2PRFIN20030901_072330_000000422019_00292_07861_9203.N1	01-SEP-2003 07:23:30	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	7861	No
142	GOM_NL__2PRFIN20030901_072447_000000442019_00292_07861_9204.N1	01-SEP-2003 07:24:47	Dark	44.000	179	24Omi2CMa	3.0320	24000.	88	7861	No
143	GOM_NL__2PRFIN20030901_072616_000000472019_00292_07861_9205.N1	01-SEP-2003 07:26:16	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	7861	No
144	GOM_NL__2PRFIN20030901_072748_000000412019_00292_07861_9206.N1	01-SEP-2003 07:27:48	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7861	No
145	GOM_NL__2PRFIN20030901_073301_000000442019_00292_07861_9207.N1	01-SEP-2003 07:33:01	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	7861	No
146	GOM_NL__2PRFIN20030901_074324_000000402019_00293_07862_9176.N1	01-SEP-2003 07:43:24	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	7862	No
147	GOM_NL__2PRFIN20030901_074858_000000422019_00293_07862_9177.N1	01-SEP-2003 07:48:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	7862	No
148	GOM_NL__2PRFIN20030901_075034_000000542019_00293_07862_9178.N1	01-SEP-2003 07:50:34	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7862	No
149	GOM_NL__2PRFIN20030901_075237_000000412019_00293_07862_9179.N1	01-SEP-2003 07:52:37	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	7862	No
150	GOM_NL__2PRFIN20030901_075640_000000522019_00293_07862_9180.N1	01-SEP-2003 07:56:40	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	7862	No
151	GOM_NL__2PRFIN20030901_080113_000000552019_00293_07862_9181.N1	01-SEP-2003 08:01:13	Dark	55.000	1014	Mars	0.0000	0.0000	110	7862	Yes
152	GOM_NL__2PRFIN20030901_080440_000000412019_00293_07862_9182.N1	01-SEP-2003 08:04:40	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	7862	No
153	GOM_NL__2PRFIN20030901_080606_000000452019_00293_07862_9183.N1	01-SEP-2003 08:06:06	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	7862	No
154	GOM_NL__2PRFIN20030901_080909_000000402019_00293_07862_9184.N1	01-SEP-2003 08:09:09	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7862	No
155	GOM_NL__2PRFIN20030901_081205_000000502019_00293_07862_9185.N1	01-SEP-2003 08:12:05	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	7862	No
156	GOM_NL__2PRFIN20030901_081600_000000382019_00293_07862_9186.N1	01-SEP-2003 08:16:00	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	7862	No
157	GOM_NL__2PRFIN20030901_081753_000000372019_00293_07862_9187.N1	01-SEP-2003 08:17:53	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	7862	No
158	GOM_NL__2PRFIN20030901_081911_000000392019_00293_07862_9188.N1	01-SEP-2003 08:19:11	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	7862	No
159	GOM_NL__2PRFIN20030901_082409_000000392019_00293_07862_9189.N1	01-SEP-2003 08:24:09	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7862	No
160	GOM_NL__2PRFIN20030901_082659_000000442019_00293_07862_9190.N1	01-SEP-2003 08:26:59	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	7862	No



161	GOM_NL__2PRFIN20030901_082907_000000462019_00293_07862_9191.N1	01-SEP-2003 08:29:07	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	7862	No
162	GOM_NL__2PRFIN20030901_083148_000000352019_00293_07862_9192.N1	01-SEP-2003 08:31:48	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	7862	No
163	GOM_NL__2PRFIN20030901_083622_000000582019_00293_07862_9193.N1	01-SEP-2003 08:36:22	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7862	No
164	GOM_NL__2PRFIN20030901_083833_000000642019_00293_07862_9194.N1	01-SEP-2003 08:38:33	Bright	63.500	35	33Alp Per	1.7950	6250.0	127	7862	No
165	GOM_NL__2PRFIN20030901_084143_000001032019_00293_07862_9195.N1	01-SEP-2003 08:41:43	Bright	103.00	79	26Bet Per	2.3100	13100.	206	7862	No
166	GOM_NL__2PRFIN20030901_084454_000000802019_00293_07862_9196.N1	01-SEP-2003 08:44:54	Bright	79.500	149	45Eps Per	2.8880	30000.	159	7862	No
167	GOM_NL__2PRFIN20030901_084733_000000492019_00293_07862_9197.N1	01-SEP-2003 08:47:33	Bright	49.000	107	37The Aur	2.6490	11000.	98	7862	No
168	GOM_NL__2PRFIN20030901_084948_000000412019_00293_07862_9198.N1	01-SEP-2003 08:49:48	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	7862	No
169	GOM_NL__2PRFIN20030901_085122_000000722019_00293_07862_9199.N1	01-SEP-2003 08:51:22	Twilight	72.000	28	12Bet Tau	1.6500	15200.	144	7862	No
170	GOM_NL__2PRFIN20030901_085426_000000552019_00293_07862_9200.N1	01-SEP-2003 08:54:26	Twilight	55.000	44	24Gam Gem	1.9280	11000.	110	7862	No
171	GOM_NL__2PRFIN20030901_085628_000000452019_00293_07862_9201.N1	01-SEP-2003 08:56:28	Dark	45.000	8	10Alp CMi	0.40000	6500.0	90	7862	No
172	GOM_NL__2PRFIN20030901_085902_000000772019_00293_07862_9202.N1	01-SEP-2003 08:59:02	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7862	No
173	GOM_NL__2PRFIN20030901_090117_000000812019_00293_07862_9203.N1	01-SEP-2003 09:01:17	Dark	81.000	27	24Gam Ori	1.6360	26000.	162	7862	No
174	GOM_NL__2PRFIN20030901_090406_000000382019_00293_07862_9204.N1	01-SEP-2003 09:04:06	Dark	37.500	132	15Rho Pup	2.8030	6900.0	75	7862	No
175	GOM_NL__2PRFIN20030901_090523_000000452019_00293_07862_9205.N1	01-SEP-2003 09:05:23	Dark	44.500	179	24Omi2CMa	3.0320	24000.	89	7862	No
176	GOM_NL__2PRFIN20030901_090652_000000482019_00293_07862_9206.N1	01-SEP-2003 09:06:52	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	7862	No
177	GOM_NL__2PRFIN20030901_090824_000000402019_00293_07862_9207.N1	01-SEP-2003 09:08:24	Dark	40.000	70	Zet Pup	2.2460	39000.	80	7862	No
178	GOM_NL__2PRFIN20030901_091338_000000542019_00293_07862_9208.N1	01-SEP-2003 09:13:38	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7862	No
179	GOM_NL__2PRFIN20030901_092400_000000402019_00294_07863_9177.N1	01-SEP-2003 09:24:00	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	7863	No
180	GOM_NL__2PRFIN20030901_092934_000000422019_00294_07863_9178.N1	01-SEP-2003 09:29:34	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	7863	No
181	GOM_NL__2PRFIN20030901_093110_000000552019_00294_07863_9179.N1	01-SEP-2003 09:31:10	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	7863	No
182	GOM_NL__2PRFIN20030901_093314_000000402019_00294_07863_9180.N1	01-SEP-2003 09:33:14	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	7863	No
183	GOM_NL__2PRFIN20030901_093718_000000512019_00294_07863_9181.N1	01-SEP-2003 09:37:18	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	7863	No
184	GOM_NL__2PRFIN20030901_094148_000000582019_00294_07863_9182.N1	01-SEP-2003 09:41:48	Dark	58.000	1014	Mars	0.0000	0.0000	116	7863	Yes
185	GOM_NL__2PRFIN20030901_094516_000000412019_00294_07863_9183.N1	01-SEP-2003 09:45:16	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	7863	No
186	GOM_NL__2PRFIN20030901_094644_000000432019_00294_07863_9184.N1	01-SEP-2003 09:46:44	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	7863	No
187	GOM_NL__2PRFIN20030901_094945_000000402019_00294_07863_9185.N1	01-SEP-2003 09:49:45	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	7863	No
188	GOM_NL__2PRFIN20030901_095240_000000482019_00294_07863_9186.N1	01-SEP-2003 09:52:40	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7863	No
189	GOM_NL__2PRFIN20030901_095637_000000402019_00294_07863_9187.N1	01-SEP-2003 09:56:37	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7863	No
190	GOM_NL__2PRFIN20030901_095830_000000372019_00294_07863_9188.N1	01-SEP-2003 09:58:30	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	7863	No
191	GOM_NL__2PRFIN20030901_095947_000000382019_00294_07863_9189.N1	01-SEP-2003 09:59:47	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7863	No
192	GOM_NL__2PRFIN20030901_100445_000000392019_00294_07863_9190.N1	01-SEP-2003 10:04:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7863	No
193	GOM_NL__2PRFIN20030901_100734_000000432019_00294_07863_9191.N1	01-SEP-2003 10:07:34	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	7863	No
194	GOM_NL__2PRFIN20030901_100942_000000472019_00294_07863_9192.N1	01-SEP-2003 10:09:42	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	7863	No
195	GOM_NL__2PRFIN20030901_101224_000000372019_00294_07863_9193.N1	01-SEP-2003 10:12:24	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7863	No
196	GOM_NL__2PRFIN20030901_101657_000000592019_00294_07863_9194.N1	01-SEP-2003 10:16:57	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7863	No
197	GOM_NL__2PRFIN20030901_101908_000000642019_00294_07863_9195.N1	01-SEP-2003 10:19:08	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	7863	No
198	GOM_NL__2PRFIN20030901_102218_000000992019_00294_07863_9196.N1	01-SEP-2003 10:22:18	Bright	99.000	79	26Bet Per	2.3100	13100.	198	7863	No
199	GOM_NL__2PRFIN20030901_102530_000000822019_00294_07863_9197.N1	01-SEP-2003 10:25:30	Bright	82.000	149	45Eps Per	2.8880	30000.	164	7863	No
200	GOM_NL__2PRFIN20030901_102809_000000462019_00294_07863_9198.N1	01-SEP-2003 10:28:09	Bright	45.500	107	37The Aur	2.6490	11000.	91	7863	No
201	GOM_NL__2PRFIN20030901_103025_000000402019_00294_07863_9199.N1	01-SEP-2003 10:30:25	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7863	No
202	GOM_NL__2PRFIN20030901_103158_000000662019_00294_07863_9200.N1	01-SEP-2003 10:31:58	Twilight	66.000	28	12Bet Tau	1.6500	15200.	132	7863	No
203	GOM_NL__2PRFIN20030901_103503_000000502019_00294_07863_9201.N1	01-SEP-2003 10:35:03	Twilight	50.000	44	24Gam Gem	1.9280	11000.	100	7863	No
204	GOM_NL__2PRFIN20030901_103705_000000432019_00294_07863_9202.N1	01-SEP-2003 10:37:05	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	7863	No
205	GOM_NL__2PRFIN20030901_103939_000000772019_00294_07863_9203.N1	01-SEP-2003 10:39:39	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7863	No
206	GOM_NL__2PRFIN20030901_104154_000000782019_00294_07863_9204.N1	01-SEP-2003 10:41:54	Dark	78.000	27	24Gam Ori	1.6360	26000.	156	7863	No
207	GOM_NL__2PRFIN20030901_104443_000000422019_00294_07863_9205.N1	01-SEP-2003 10:44:43	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	7863	No
208	GOM_NL__2PRFIN20030901_104601_000000432019_00294_07863_9206.N1	01-SEP-2003 10:46:01	Dark	42.500	179	24Omi2CMa	3.0320	24000.	85	7863	No
209	GOM_NL__2PRFIN20030901_104729_000000452019_00294_07863_9207.N1	01-SEP-2003 10:47:29	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	7863	No
210	GOM_NL__2PRFIN20030901_104901_000000422019_00294_07863_9208.N1	01-SEP-2003 10:49:01	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7863	No
211	GOM_NL__2PRFIN20030901_105414_000000492019_00294_07863_9209.N1	01-SEP-2003 10:54:14	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	7863	No
212	GOM_NL__2PRFIN20030901_110437_000000382019_00295_07864_8953.N1	01-SEP-2003 11:04:37	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	7864	No
213	GOM_NL__2PRFIN20030901_111011_000000412019_00295_07864_8954.N1	01-SEP-2003 11:10:11	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7864	No
214	GOM_NL__2PRFIN20030901_111147_000000542019_00295_07864_8955.N1	01-SEP-2003 11:11:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7864	No
215	GOM_NL__2PRFIN20030901_111351_000000412019_00295_07864_8956.N1	01-SEP-2003 11:13:51	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	7864	No
216	GOM_NL__2PRFIN20030901_111755_000000492019_00295_07864_8957.N1	01-SEP-2003 11:17:55	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	7864	No
217	GOM_NL__2PRFIN20030901_112225_000000552019_00295_07864_8958.N1	01-SEP-2003 11:22:25	Dark	55.000	1014	Mars	0.0000	0.0000	110	7864	Yes
218	GOM_NL__2PRFIN20030901_112553_000000392019_00295_07864_8959.N1	01-SEP-2003 11:25:53	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7864	No
219	GOM_NL__2PRFIN20030901_112721_000000422019_00295_07864_8960.N1	01-SEP-2003 11:27:21	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	7864	No

220	GOM_NL_2PRFIN20030901_113021_000000412019_00295_07864_8961.N1	01-SEP-2003 11:30:21	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7864	No
221	GOM_NL_2PRFIN20030901_113316_000000482019_00295_07864_8962.N1	01-SEP-2003 11:33:16	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7864	No
222	GOM_NL_2PRFIN20030901_113713_000000392019_00295_07864_8963.N1	01-SEP-2003 11:37:13	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	7864	No
223	GOM_NL_2PRFIN20030901_113906_000000392019_00295_07864_8964.N1	01-SEP-2003 11:39:06	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7864	No
224	GOM_NL_2PRFIN20030901_114024_000000402019_00295_07864_8965.N1	01-SEP-2003 11:40:24	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	7864	No
225	GOM_NL_2PRFIN20030901_114521_000000392019_00295_07864_8966.N1	01-SEP-2003 11:45:21	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	7864	No
226	GOM_NL_2PRFIN20030901_114810_000000452019_00295_07864_8967.N1	01-SEP-2003 11:48:10	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7864	No
227	GOM_NL_2PRFIN20030901_115018_000000452019_00295_07864_8968.N1	01-SEP-2003 11:50:18	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	7864	No
228	GOM_NL_2PRFIN20030901_115301_000000382019_00295_07864_8969.N1	01-SEP-2003 11:53:01	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7864	No
229	GOM_NL_2PRFIN20030901_115732_000000572019_00295_07864_8970.N1	01-SEP-2003 11:57:32	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	7864	No
230	GOM_NL_2PRFIN20030901_115943_000000662019_00295_07864_8971.N1	01-SEP-2003 11:59:43	Bright	65.500	35	33Alp Per	1.7950	6250.0	131	7864	No
231	GOM_NL_2PRFIN20030901_120253_000001032019_00295_07864_8972.N1	01-SEP-2003 12:02:53	Bright	102.50	79	26Bet Per	2.3100	13100.	205	7864	No
232	GOM_NL_2PRFIN20030901_120605_000000812019_00295_07864_8973.N1	01-SEP-2003 12:06:05	Bright	80.500	149	45Eps Per	2.8880	30000.	161	7864	No
233	GOM_NL_2PRFIN20030901_120845_000000482019_00295_07864_8974.N1	01-SEP-2003 12:08:45	Bright	48.000	107	37The Aur	2.6490	11000.	96	7864	No
234	GOM_NL_2PRFIN20030901_121101_000000402019_00295_07864_8975.N1	01-SEP-2003 12:11:01	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	7864	No
235	GOM_NL_2PRFIN20030901_121235_000000682019_00295_07864_8976.N1	01-SEP-2003 12:12:35	Twilight	68.000	28	12Bet Tau	1.6500	15200.	136	7864	No
236	GOM_NL_2PRFIN20030901_121539_000000482019_00295_07864_8977.N1	01-SEP-2003 12:15:39	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	7864	No
237	GOM_NL_2PRFIN20030901_121741_000000412019_00295_07864_8978.N1	01-SEP-2003 12:17:41	Twilight	40.500	8	10Alp CMi	0.40000	6500.0	81	7864	No
238	GOM_NL_2PRFIN20030901_122016_000000772019_00295_07864_8979.N1	01-SEP-2003 12:20:16	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7864	No
239	GOM_NL_2PRFIN20030901_122232_000000792019_00295_07864_8980.N1	01-SEP-2003 12:22:32	Dark	78.500	27	24Gam Ori	1.6360	26000.	157	7864	No
240	GOM_NL_2PRFIN20030901_122519_000000412019_00295_07864_8981.N1	01-SEP-2003 12:25:19	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	7864	No
241	GOM_NL_2PRFIN20030901_122638_000000432019_00295_07864_8982.N1	01-SEP-2003 12:26:38	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	7864	No
242	GOM_NL_2PRFIN20030901_122806_000000462019_00295_07864_8983.N1	01-SEP-2003 12:28:06	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	7864	No
243	GOM_NL_2PRFIN20030901_122937_000000382019_00295_07864_8984.N1	01-SEP-2003 12:29:37	Dark	38.000	70	Zet Pup	2.2460	39000.	76	7864	No
244	GOM_NL_2PRFIN20030901_123451_000000542019_00295_07864_8985.N1	01-SEP-2003 12:34:51	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7864	No
245	GOM_NL_2PRFIN20030901_124513_000000392019_00296_07865_9179.N1	01-SEP-2003 12:45:13	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	7865	No
246	GOM_NL_2PRFIN20030901_125047_000000472019_00296_07865_9180.N1	01-SEP-2003 12:50:47	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	7865	No
247	GOM_NL_2PRFIN20030901_125224_000000522019_00296_07865_9181.N1	01-SEP-2003 12:52:24	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	7865	No
248	GOM_NL_2PRFIN20030901_125427_000000422019_00296_07865_9182.N1	01-SEP-2003 12:54:27	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7865	No
249	GOM_NL_2PRFIN20030901_125831_000000502019_00296_07865_9183.N1	01-SEP-2003 12:58:31	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	7865	No
250	GOM_NL_2PRFIN20030901_130301_000000522019_00296_07865_9184.N1	01-SEP-2003 13:03:01	Dark	52.000	1014	Mars	0.0000	0.0000	104	7865	Yes
251	GOM_NL_2PRFIN20030901_130629_000000402019_00296_07865_9185.N1	01-SEP-2003 13:06:29	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7865	No
252	GOM_NL_2PRFIN20030901_130757_000000432019_00296_07865_9186.N1	01-SEP-2003 13:07:57	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	7865	No
253	GOM_NL_2PRFIN20030901_131057_000000392019_00296_07865_9187.N1	01-SEP-2003 13:10:57	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	7865	No
254	GOM_NL_2PRFIN20030901_131352_000000492019_00296_07865_9188.N1	01-SEP-2003 13:13:52	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	7865	No
255	GOM_NL_2PRFIN20030901_131749_000000402019_00296_07865_9189.N1	01-SEP-2003 13:17:49	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7865	No
256	GOM_NL_2PRFIN20030901_131942_000000382019_00296_07865_9190.N1	01-SEP-2003 13:19:42	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	7865	No
257	GOM_NL_2PRFIN20030901_132100_000000362019_00296_07865_9191.N1	01-SEP-2003 13:21:00	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	7865	No
258	GOM_NL_2PRFIN20030901_132557_000000392019_00296_07865_9192.N1	01-SEP-2003 13:25:57	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7865	No
259	GOM_NL_2PRFIN20030901_132845_000000452019_00296_07865_9193.N1	01-SEP-2003 13:28:45	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	7865	No
260	GOM_NL_2PRFIN20030901_133053_000000462019_00296_07865_9194.N1	01-SEP-2003 13:30:53	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7865	No
261	GOM_NL_2PRFIN20030901_133336_000000372019_00296_07865_9195.N1	01-SEP-2003 13:33:36	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7865	No
262	GOM_NL_2PRFIN20030901_133627_000000892019_00296_07865_9196.N1	01-SEP-2003 13:36:27	Bright	89.000	73	57Gam1And	2.2600	13100.	178	7865	No
263	GOM_NL_2PRFIN20030901_134001_000000382019_00296_07865_9197.N1	01-SEP-2003 13:40:01	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	7865	No
264	GOM_NL_2PRFIN20030901_134204_000000642019_00296_07865_9198.N1	01-SEP-2003 13:42:04	Bright	64.000	175	39Del Per	3.0100	19400.	128	7865	No
265	GOM_NL_2PRFIN20030901_134538_000000602019_00296_07865_9199.N1	01-SEP-2003 13:45:38	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	7865	No
266	GOM_NL_2PRFIN20030901_134921_000000462019_00296_07865_9200.N1	01-SEP-2003 13:49:21	Bright	46.000	107	37The Aur	2.6490	11000.	92	7865	No
267	GOM_NL_2PRFIN20030901_135137_000000402019_00296_07865_9201.N1	01-SEP-2003 13:51:37	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7865	No
268	GOM_NL_2PRFIN20030901_135311_000000622019_00296_07865_9202.N1	01-SEP-2003 13:53:11	Twilight	61.500	28	12Bet Tau	1.6500	15200.	123	7865	No
269	GOM_NL_2PRFIN20030901_135616_000000452019_00296_07865_9203.N1	01-SEP-2003 13:56:16	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	7865	No
270	GOM_NL_2PRFIN20030901_135817_000000422019_00296_07865_9204.N1	01-SEP-2003 13:58:17	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	7865	No
271	GOM_NL_2PRFIN20030901_140052_000000772019_00296_07865_9205.N1	01-SEP-2003 14:00:52	Dark	76.500	14	58Alp Ori	0.87000	3000.0	153	7865	No
272	GOM_NL_2PRFIN20030901_140309_000000812019_00296_07865_9206.N1	01-SEP-2003 14:03:09	Dark	80.500	27	24Gam Ori	1.6360	26000.	161	7865	No
273	GOM_NL_2PRFIN20030901_140557_000000532019_00296_07865_9207.N1	01-SEP-2003 14:05:57	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	7865	No
274	GOM_NL_2PRFIN20030901_140843_000000432019_00296_07865_9208.N1	01-SEP-2003 14:08:43	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	7865	No
275	GOM_NL_2PRFIN20030901_141013_000000392019_00296_07865_9209.N1	01-SEP-2003 14:10:13	Dark	38.500	70	Zet Pup	2.2460	39000.	77	7865	No
276	GOM_NL_2PRFIN20030901_141527_000000542019_00296_07865_9210.N1	01-SEP-2003 14:15:27	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7865	No
277	GOM_NL_2PRFIN20030901_142550_000000402019_00297_07866_9182.N1	01-SEP-2003 14:25:50	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	7866	No
278	GOM_NL_2PRFIN20030901_143124_000000412019_00297_07866_9183.N1	01-SEP-2003 14:31:24	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7866	No

279	GOM_NL__2PRFIN20030901_143301_000000532019_00297_07866_9184.N1	01-SEP-2003 14:33:01	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	7866	No
280	GOM_NL__2PRFIN20030901_143504_000000392019_00297_07866_9185.N1	01-SEP-2003 14:35:04	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	7866	No
281	GOM_NL__2PRFIN20030901_143908_000000472019_00297_07866_9186.N1	01-SEP-2003 14:39:08	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	7866	No
282	GOM_NL__2PRFIN20030901_144337_000000572019_00297_07866_9187.N1	01-SEP-2003 14:43:37	Dark	57.000	1014	Mars	0.0000	0.0000	114	7866	Yes
283	GOM_NL__2PRFIN20030901_144706_000000402019_00297_07866_9188.N1	01-SEP-2003 14:47:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7866	No
284	GOM_NL__2PRFIN20030901_144833_000000402019_00297_07866_9189.N1	01-SEP-2003 14:48:33	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	7866	No
285	GOM_NL__2PRFIN20030901_145134_000000392019_00297_07866_9190.N1	01-SEP-2003 14:51:34	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	7866	No
286	GOM_NL__2PRFIN20030901_145427_000000492019_00297_07866_9191.N1	01-SEP-2003 14:54:27	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	7866	No
287	GOM_NL__2PRFIN20030901_145822_000000412019_00297_07866_9192.N1	01-SEP-2003 14:58:22	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	7866	No
288	GOM_NL__2PRFIN20030901_150019_000000392019_00297_07866_9193.N1	01-SEP-2003 15:00:19	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7866	No
289	GOM_NL__2PRFIN20030901_150136_000000362019_00297_07866_9194.N1	01-SEP-2003 15:01:36	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	7866	No
290	GOM_NL__2PRFIN20030901_150633_000000352019_00297_07866_9195.N1	01-SEP-2003 15:06:33	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	7866	No
291	GOM_NL__2PRFIN20030901_150920_000000452019_00297_07866_9196.N1	01-SEP-2003 15:09:20	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7866	No
292	GOM_NL__2PRFIN20030901_151128_000000462019_00297_07866_9197.N1	01-SEP-2003 15:11:28	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7866	No
293	GOM_NL__2PRFIN20030901_151412_000000392019_00297_07866_9198.N1	01-SEP-2003 15:14:12	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7866	No
294	GOM_NL__2PRFIN20030901_151700_000000912019_00297_07866_9199.N1	01-SEP-2003 15:17:00	Bright	90.500	73	57Gam1And	2.2600	13100.	181	7866	No
295	GOM_NL__2PRFIN20030901_152036_000000402019_00297_07866_9200.N1	01-SEP-2003 15:20:36	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	7866	No
296	GOM_NL__2PRFIN20030901_152238_000000652019_00297_07866_9201.N1	01-SEP-2003 15:22:38	Bright	64.500	175	39Del Per	3.0100	19400.	129	7866	No
297	GOM_NL__2PRFIN20030901_152613_000000622019_00297_07866_9202.N1	01-SEP-2003 15:26:13	Bright	61.500	6	13Alp Aur	0.080000	3400.0	123	7866	No
298	GOM_NL__2PRFIN20030901_152956_000000482019_00297_07866_9203.N1	01-SEP-2003 15:29:56	Bright	48.000	107	37The Aur	2.6490	11000.	96	7866	No
299	GOM_NL__2PRFIN20030901_153212_000000362019_00297_07866_9204.N1	01-SEP-2003 15:32:12	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	7866	No
300	GOM_NL__2PRFIN20030901_153347_000000682019_00297_07866_9205.N1	01-SEP-2003 15:33:47	Tw_i_and_stray	67.500	28	12Bet Tau	1.6500	15200.	135	7866	No
301	GOM_NL__2PRFIN20030901_153651_000000532019_00297_07866_9206.N1	01-SEP-2003 15:36:51	Tw_i_and_stray	53.000	44	24Gam Gem	1.9280	11000.	106	7866	No
302	GOM_NL__2PRFIN20030901_153854_000000482019_00297_07866_9207.N1	01-SEP-2003 15:38:54	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	7866	No
303	GOM_NL__2PRFIN20030901_154128_000000782019_00297_07866_9208.N1	01-SEP-2003 15:41:28	Dark	77.500	14	58Alp Ori	0.87000	3000.0	155	7866	No
304	GOM_NL__2PRFIN20030901_154345_000000802019_00297_07866_9209.N1	01-SEP-2003 15:43:45	Dark	79.500	27	24Gam Ori	1.6360	26000.	159	7866	No
305	GOM_NL__2PRFIN20030901_154633_000000552019_00297_07866_9210.N1	01-SEP-2003 15:46:33	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	7866	No
306	GOM_NL__2PRFIN20030901_154918_000000442019_00297_07866_9211.N1	01-SEP-2003 15:49:18	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	7866	No
307	GOM_NL__2PRFIN20030901_155049_000000402019_00297_07866_9212.N1	01-SEP-2003 15:50:49	Dark	39.500	70	Zet Pup	2.2460	39000.	79	7866	No
308	GOM_NL__2PRFIN20030901_155604_000000542019_00297_07866_9213.N1	01-SEP-2003 15:56:04	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	7866	No
309	GOM_NL__2PRFIN20030901_211726_000000412019_00301_07870_8325.N1	01-SEP-2003 21:17:26	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	7870	No
310	GOM_NL__2PRFIN20030901_212132_000000532019_00301_07870_8326.N1	01-SEP-2003 21:21:32	Straylight	52.500	18	24Alp PsA	1.1660	9700.0	105	7870	No
311	GOM_NL__2PRFIN20030901_212600_000000552019_00301_07870_8327.N1	01-SEP-2003 21:26:00	Dark	54.500	1014	Mars	0.0000	0.0000	109	7870	Yes
312	GOM_NL__2PRFIN20030901_212929_000000402019_00301_07870_8328.N1	01-SEP-2003 21:29:29	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7870	No
313	GOM_NL__2PRFIN20030901_213057_000000422019_00301_07870_8329.N1	01-SEP-2003 21:30:57	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7870	No
314	GOM_NL__2PRFIN20030901_213355_000000412019_00301_07870_8330.N1	01-SEP-2003 21:33:55	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7870	No
315	GOM_NL__2PRFIN20030901_213647_000000492019_00301_07870_8331.N1	01-SEP-2003 21:36:47	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	7870	No
316	GOM_NL__2PRFIN20030901_214049_000000372019_00301_07870_8332.N1	01-SEP-2003 21:40:49	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	7870	No
317	GOM_NL__2PRFIN20030901_214242_000000392019_00301_07870_8333.N1	01-SEP-2003 21:42:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7870	No
318	GOM_NL__2PRFIN20030901_214359_000000392019_00301_07870_8334.N1	01-SEP-2003 21:43:59	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	7870	No
319	GOM_NL__2PRFIN20030901_214856_000000392019_00301_07870_8335.N1	01-SEP-2003 21:48:56	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	7870	No
320	GOM_NL__2PRFIN20030901_215140_000000432019_00301_07870_8336.N1	01-SEP-2003 21:51:40	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	7870	No
321	GOM_NL__2PRFIN20030901_215349_000000472019_00301_07870_8337.N1	01-SEP-2003 21:53:49	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7870	No
322	GOM_NL__2PRFIN20030901_215635_000000402019_00301_07870_8338.N1	01-SEP-2003 21:56:35	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	7870	No
323	GOM_NL__2PRFIN20030901_215917_000000942019_00301_07870_8339.N1	01-SEP-2003 21:59:17	Bright	94.000	73	57Gam1And	2.2600	13100.	188	7870	No
324	GOM_NL__2PRFIN20030901_220301_000000382019_00301_07870_8340.N1	01-SEP-2003 22:03:01	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	7870	No
325	GOM_NL__2PRFIN20030901_220423_000000362019_00301_07870_8341.N1	01-SEP-2003 22:04:23	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	7870	No
326	GOM_NL__2PRFIN20030901_220620_000000962019_00301_07870_8342.N1	01-SEP-2003 22:06:20	Bright	95.500	79	26Bet Per	2.3100	13100.	191	7870	No
327	GOM_NL__2PRFIN20030901_220928_000000492019_00301_07870_8343.N1	01-SEP-2003 22:09:28	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	7870	No
328	GOM_NL__2PRFIN20030901_221334_000000422019_00301_07870_8344.N1	01-SEP-2003 22:13:34	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	7870	No
329	GOM_NL__2PRFIN20030901_221611_000000702019_00301_07870_8345.N1	01-SEP-2003 22:16:11	Tw_i_and_stray	69.500	28	12Bet Tau	1.6500	15200.	139	7870	No
330	GOM_NL__2PRFIN20030901_221916_000000542019_00301_07870_8346.N1	01-SEP-2003 22:19:16	Tw_i_and_stray	54.000	44	24Gam Gem	1.9280	11000.	108	7870	No
331	GOM_NL__2PRFIN20030901_222118_000000502019_00301_07870_8347.N1	01-SEP-2003 22:21:18	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	7870	No
332	GOM_NL__2PRFIN20030901_222355_000000692019_00301_07870_8348.N1	01-SEP-2003 22:23:55	Dark	69.000	14	58Alp Ori	0.87000	3000.0	138	7870	No
333	GOM_NL__2PRFIN20030901_222614_000000812019_00301_07870_8349.N1	01-SEP-2003 22:26:14	Dark	81.000	27	24Gam Ori	1.6360	26000.	162	7870	No
334	GOM_NL__2PRFIN20030901_222900_000000592019_00301_07870_8350.N1	01-SEP-2003 22:29:00	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	7870	No
335	GOM_NL__2PRFIN20030901_223144_000000492019_00301_07870_8351.N1	01-SEP-2003 22:31:44	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	7870	No
336	GOM_NL__2PRFIN20030901_223828_000000542019_00301_07870_8352.N1	01-SEP-2003 22:38:28	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7870	No
337	GOM_NL__2PRFIN20030901_224848_000000412019_00302_07871_8981.N1	01-SEP-2003 22:48:48	Dark	40.500	135	Bet Hyi	2.8200	5800.0	81	7871	No



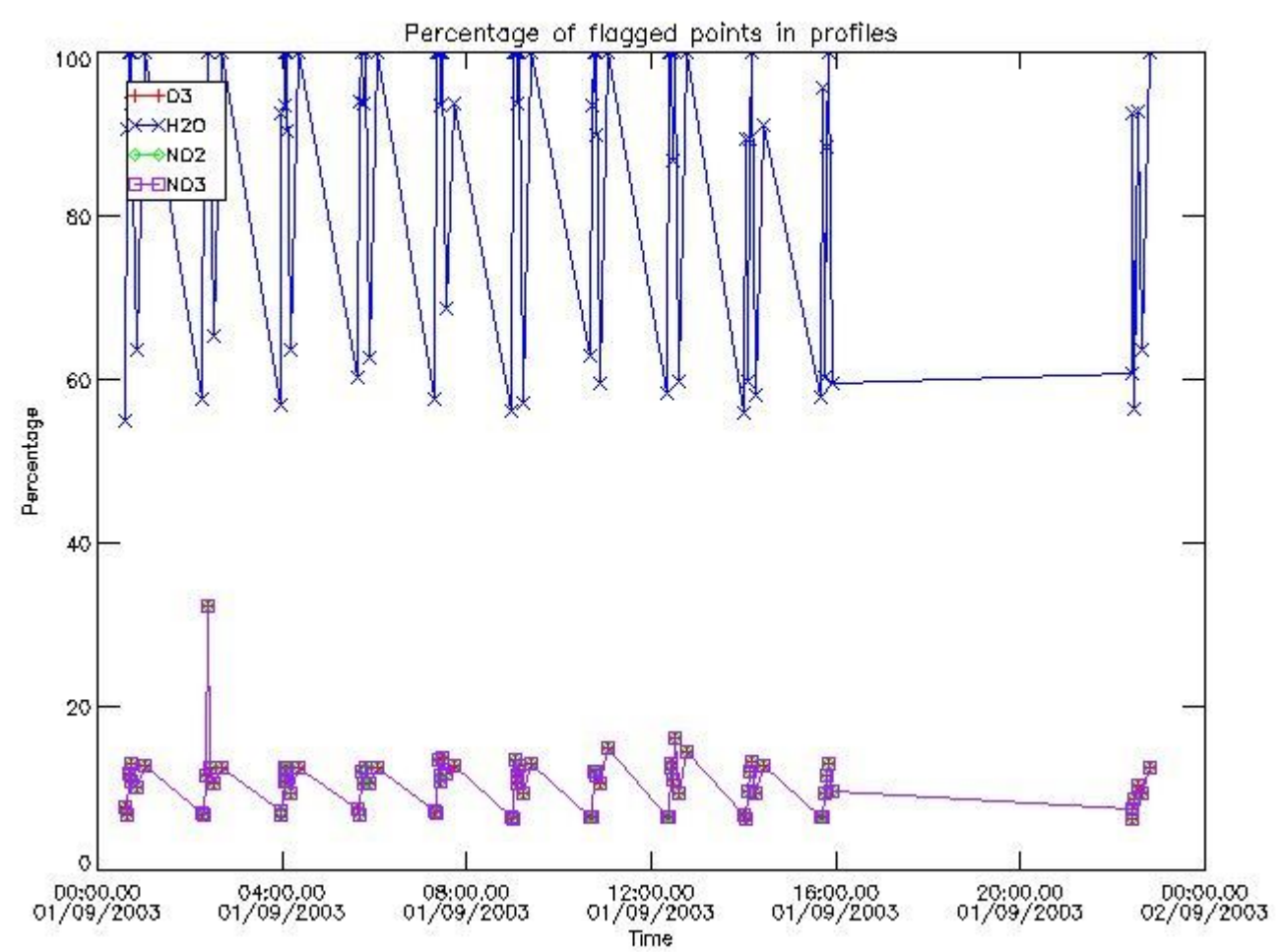
338	GOM_NL__2PRFIN20030901_225423_000000412019_00302_07871_8982.N1	01-SEP-2003 22:54:23	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7871	No
339	GOM_NL__2PRFIN20030901_225602_000000492019_00302_07871_8983.N1	01-SEP-2003 22:56:02	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	7871	No
340	GOM_NL__2PRFIN20030901_225803_000000442019_00302_07871_8984.N1	01-SEP-2003 22:58:03	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	7871	No
341	GOM_NL__2PRFIN20030901_230207_000000502019_00302_07871_8985.N1	01-SEP-2003 23:02:07	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	7871	No
342	GOM_NL__2PRFIN20030901_230636_000000572019_00302_07871_8986.N1	01-SEP-2003 23:06:36	Dark	57.000	1014	Mars	0.0000	0.0000	114	7871	Yes
343	GOM_NL__2PRFIN20030901_231005_000000392019_00302_07871_8987.N1	01-SEP-2003 23:10:05	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7871	No
344	GOM_NL__2PRFIN20030901_231132_000000422019_00302_07871_8988.N1	01-SEP-2003 23:11:32	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7871	No
345	GOM_NL__2PRFIN20030901_231431_000000402019_00302_07871_8989.N1	01-SEP-2003 23:14:31	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7871	No
346	GOM_NL__2PRFIN20030901_231723_000000482019_00302_07871_8990.N1	01-SEP-2003 23:17:23	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7871	No
347	GOM_NL__2PRFIN20030901_232125_000000372019_00302_07871_8991.N1	01-SEP-2003 23:21:25	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	7871	No
348	GOM_NL__2PRFIN20030901_232316_000000412019_00302_07871_8992.N1	01-SEP-2003 23:23:16	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	7871	No
349	GOM_NL__2PRFIN20030901_232435_000000402019_00302_07871_8993.N1	01-SEP-2003 23:24:35	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	7871	No
350	GOM_NL__2PRFIN20030901_232932_000000362019_00302_07871_8994.N1	01-SEP-2003 23:29:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	7871	No
351	GOM_NL__2PRFIN20030901_233216_000000452019_00302_07871_8995.N1	01-SEP-2003 23:32:16	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	7871	No
352	GOM_NL__2PRFIN20030901_233424_000000432019_00302_07871_8996.N1	01-SEP-2003 23:34:24	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	7871	No
353	GOM_NL__2PRFIN20030901_233711_000000392019_00302_07871_8997.N1	01-SEP-2003 23:37:11	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	7871	No
354	GOM_NL__2PRFIN20030901_233951_000000892019_00302_07871_8998.N1	01-SEP-2003 23:39:51	Bright	88.500	73	57Gam1And	2.2600	13100.	177	7871	No
355	GOM_NL__2PRFIN20030901_234337_000000392019_00302_07871_8999.N1	01-SEP-2003 23:43:37	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7871	No
356	GOM_NL__2PRFIN20030901_234459_000000432019_00302_07871_9000.N1	01-SEP-2003 23:44:59	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	7871	No
357	GOM_NL__2PRFIN20030901_234655_000001012019_00302_07871_9001.N1	01-SEP-2003 23:46:55	Bright	100.50	79	26Bet Per	2.3100	13100.	201	7871	No
358	GOM_NL__2PRFIN20030901_235004_000000492019_00302_07871_9002.N1	01-SEP-2003 23:50:04	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	7871	No
359	GOM_NL__2PRFIN20030901_235410_000000492019_00302_07871_9003.N1	01-SEP-2003 23:54:10	Bright	49.000	24	66Alp Gem	1.5800	10200.	98	7871	No
360	GOM_NL__2PRFIN20030901_235648_000000712019_00302_07871_9004.N1	01-SEP-2003 23:56:48	Tw_i_and_stray	70.500	28	12Bet Tau	1.6500	15200.	141	7871	No
361	GOM_NL__2PRFIN20030901_235953_000000522019_00302_07871_9005.N1	01-SEP-2003 23:59:53	Tw_i_and_stray	52.000	44	24Gam Gem	1.9280	11000.	104	7871	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.

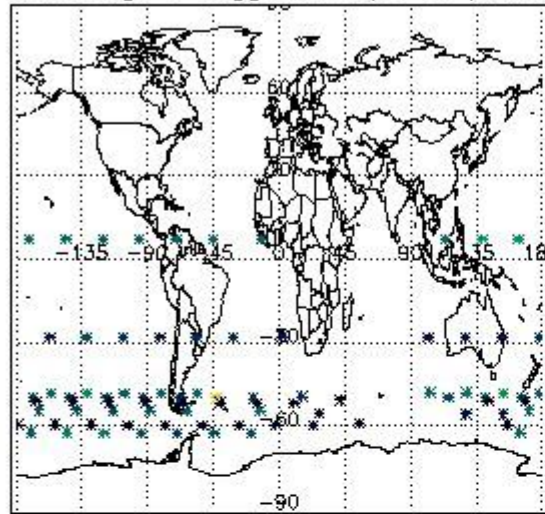
#### 3.1 Plot quality information per product (time dependant)



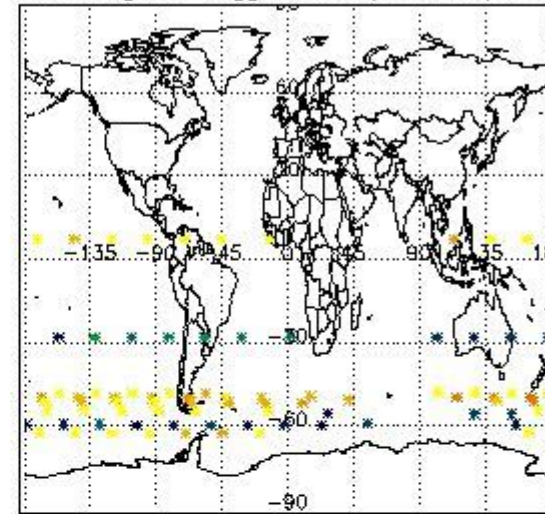


3.2 Plot quality information per product (world map)

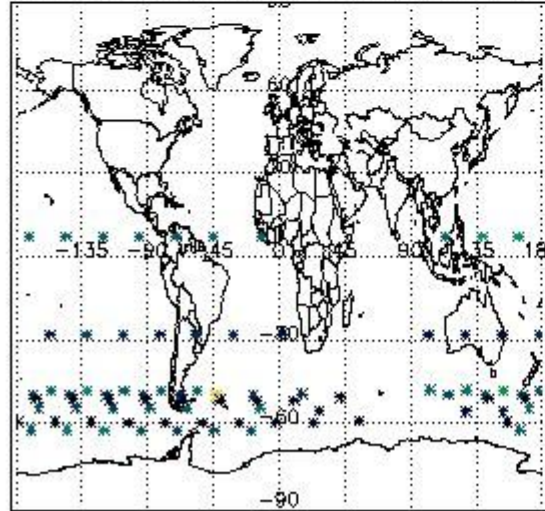
Percentage of flagged data per O3 profile



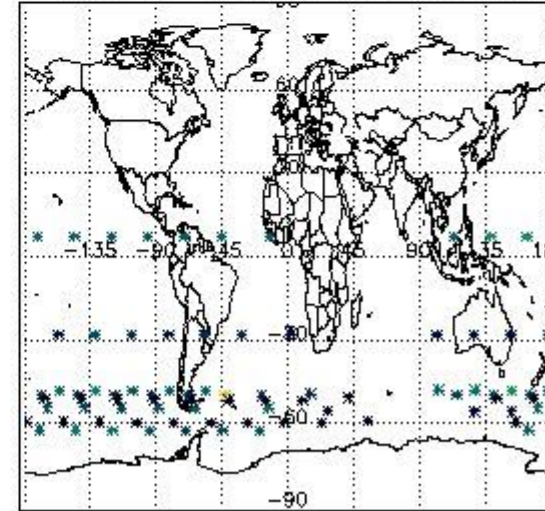
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

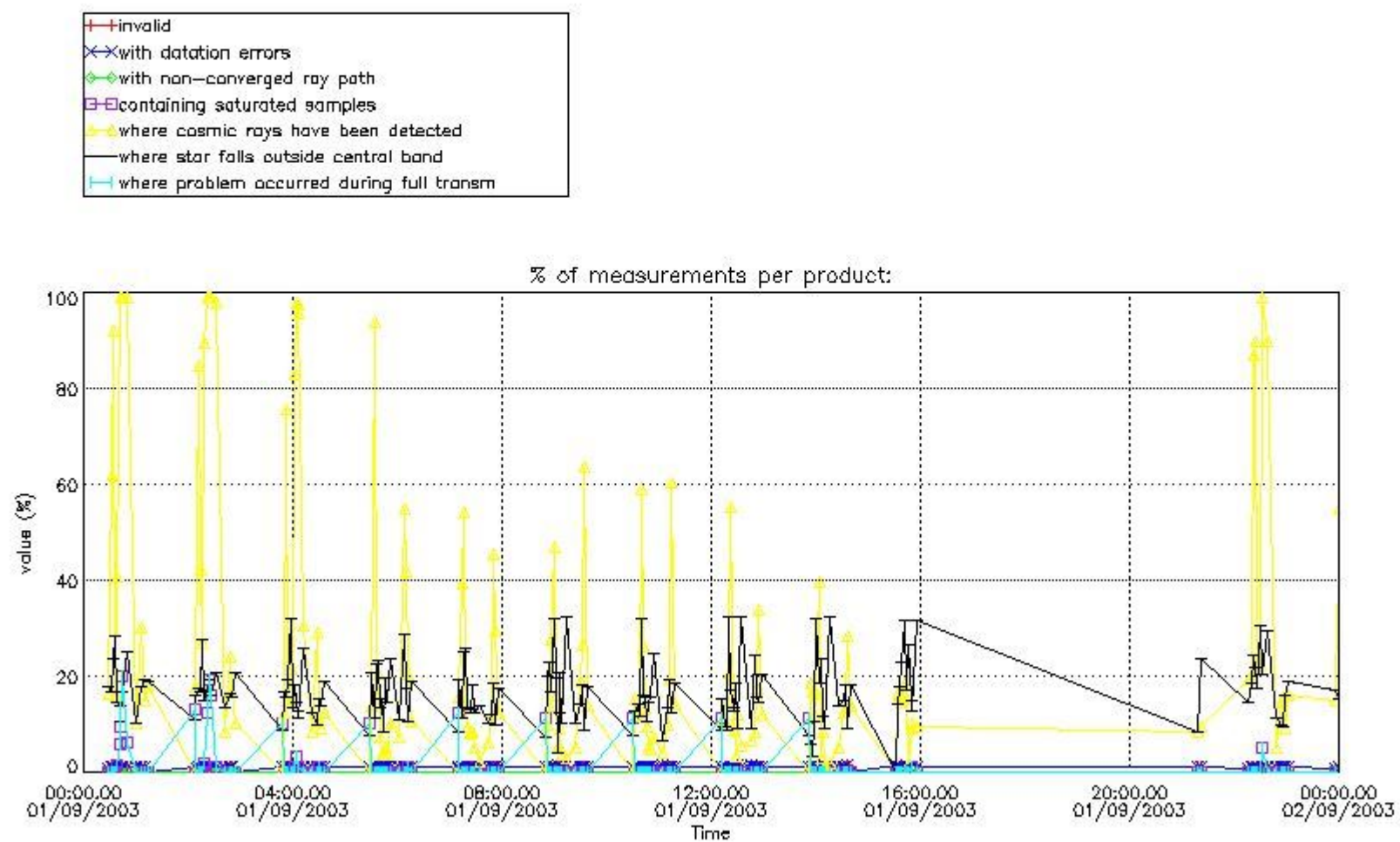


#### 4. Level 1 quality information per product

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.

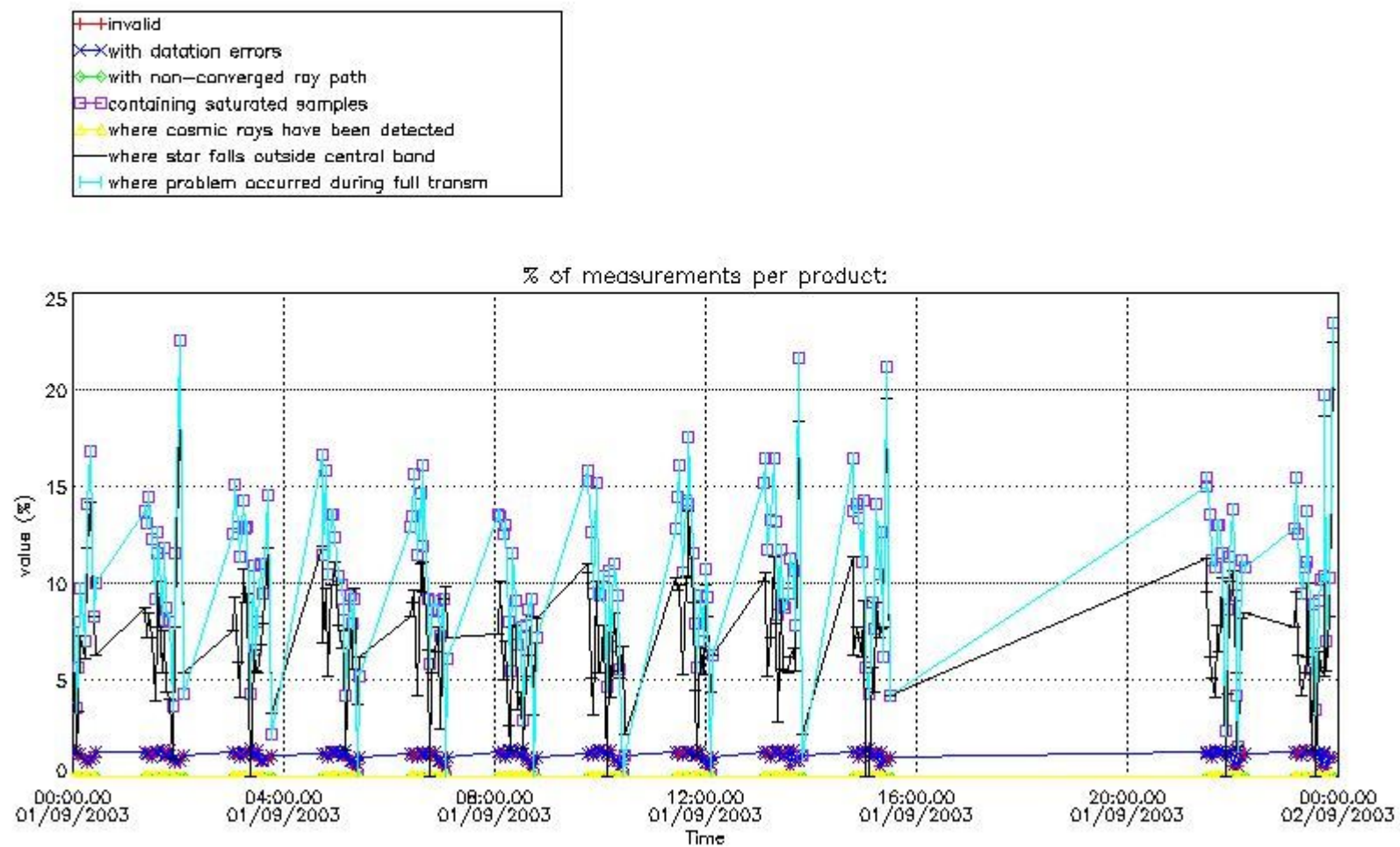
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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



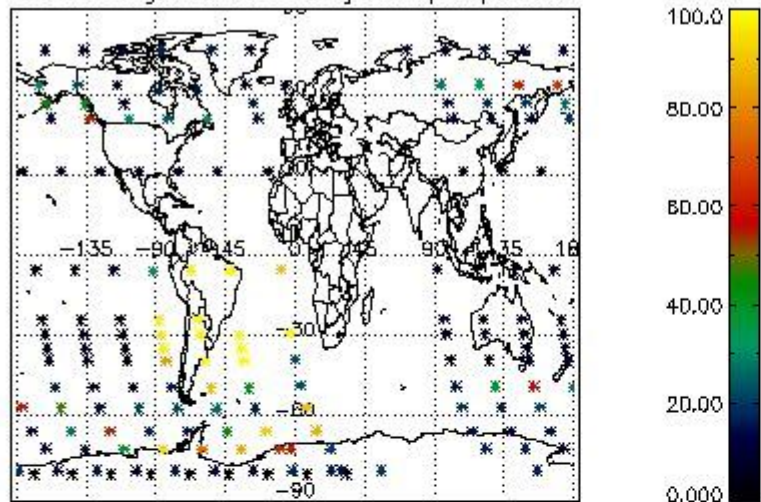


4.2 Plot quality information per product coming from level 1b processing (world map)

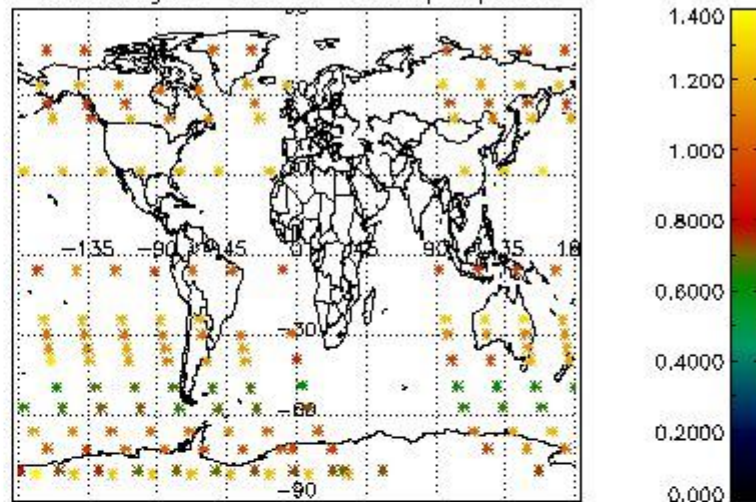
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



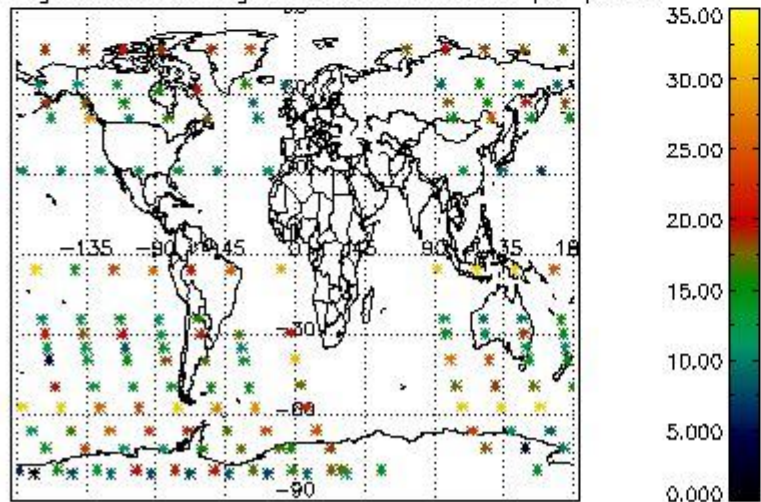
Percentage of cosmic ray hits per profile



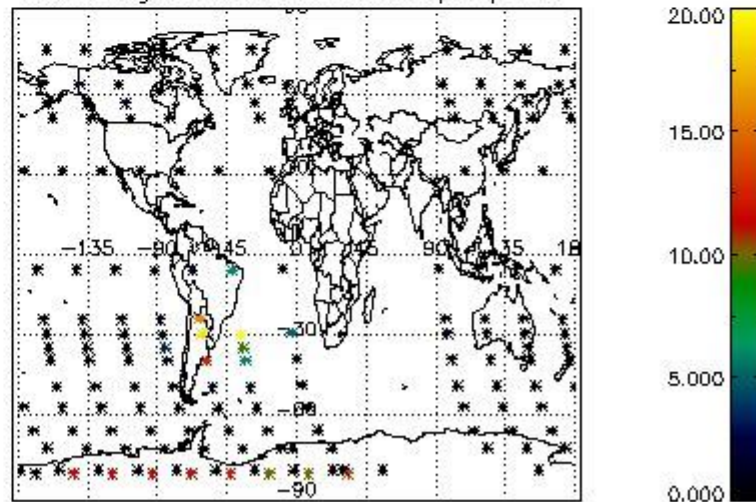
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

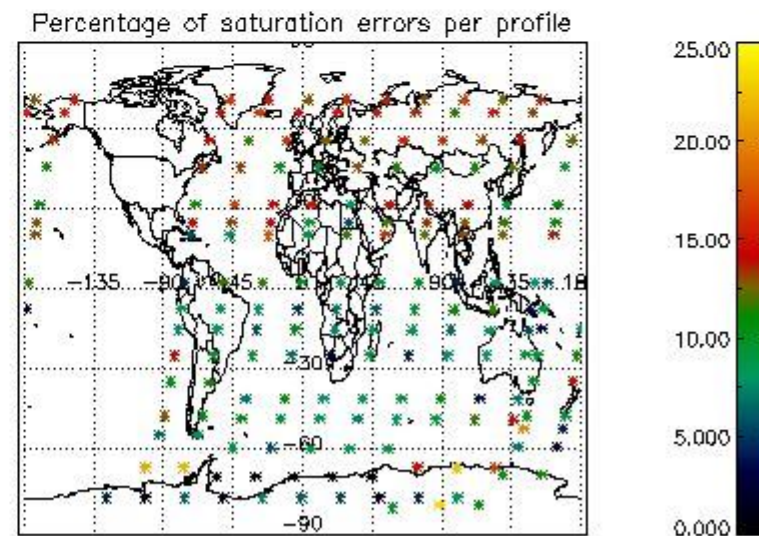
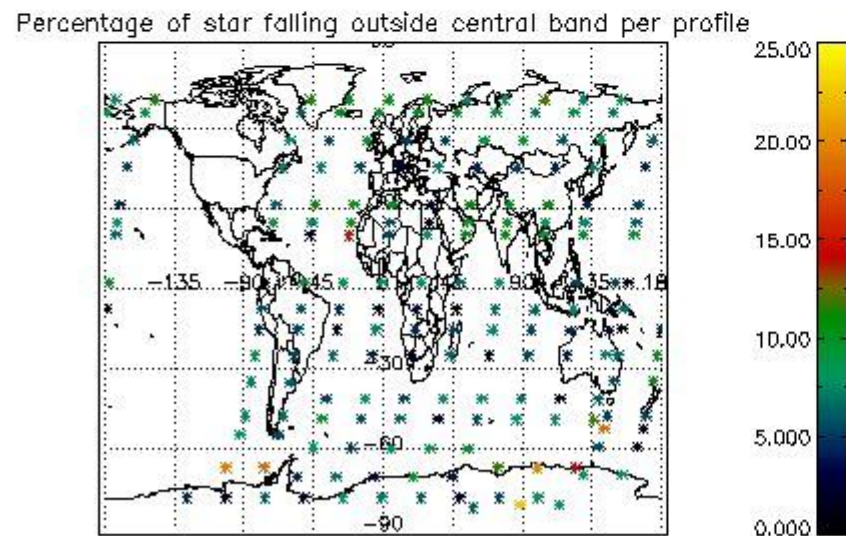
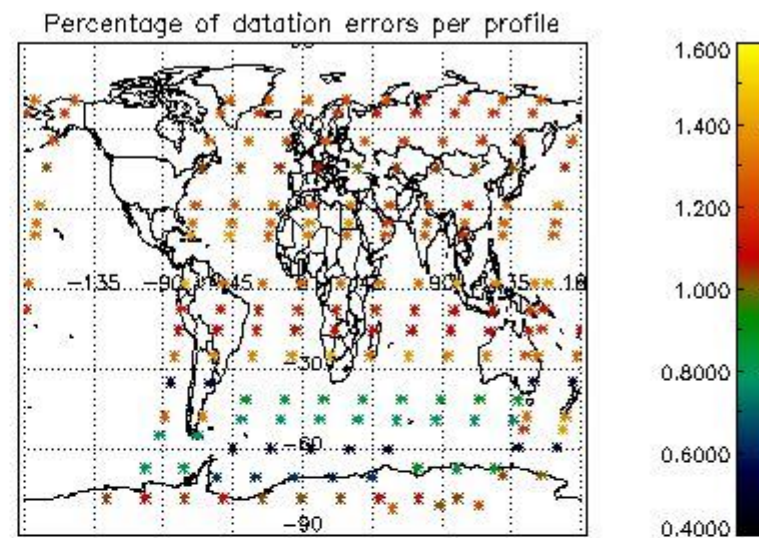
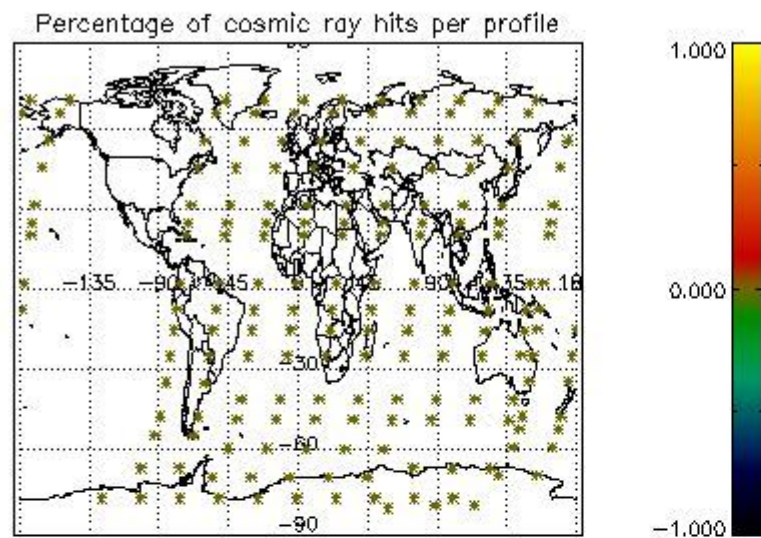


Percentage of saturation errors per profile



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

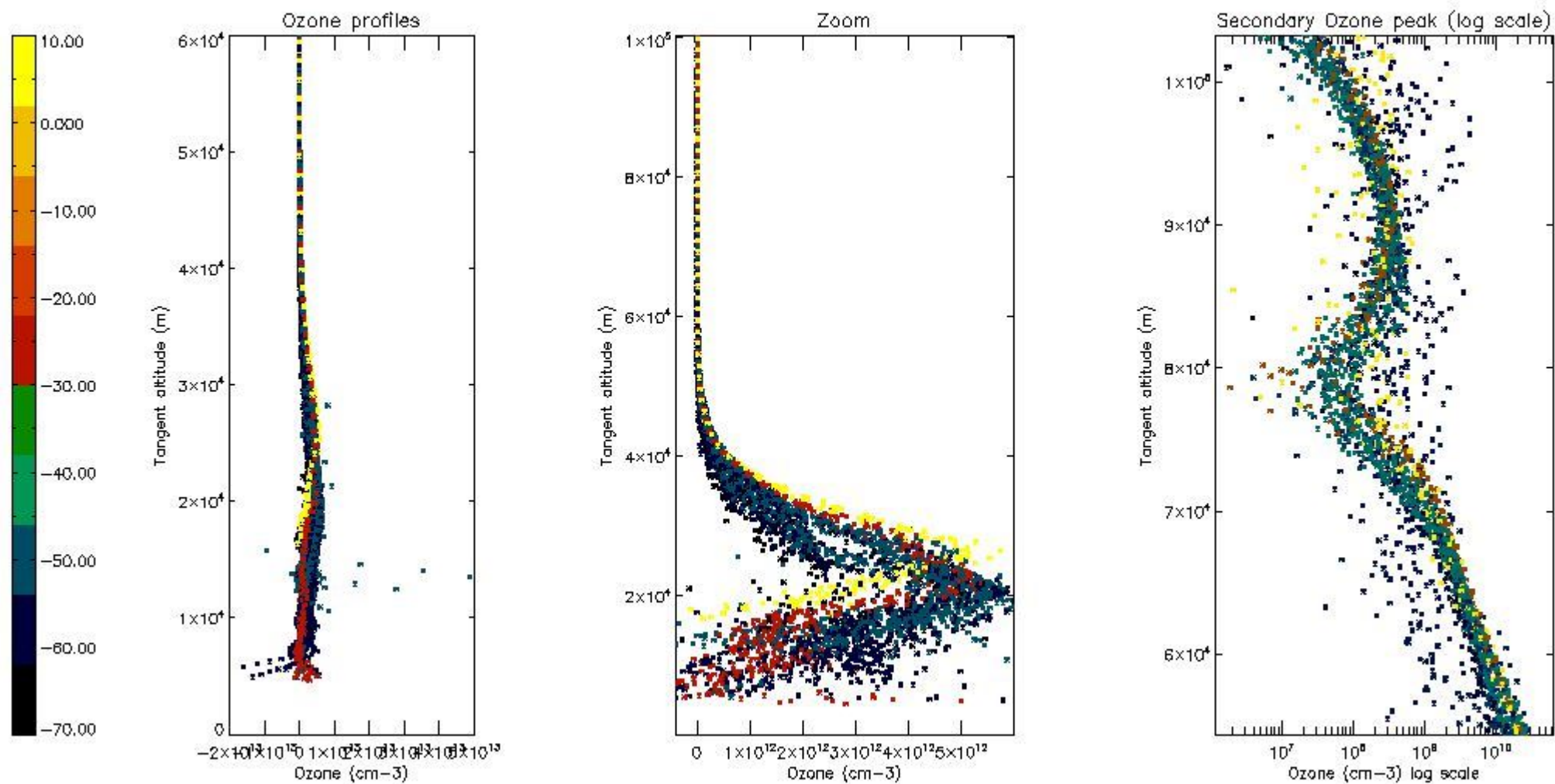
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	15

STD < 10	13
STD < 5	9

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

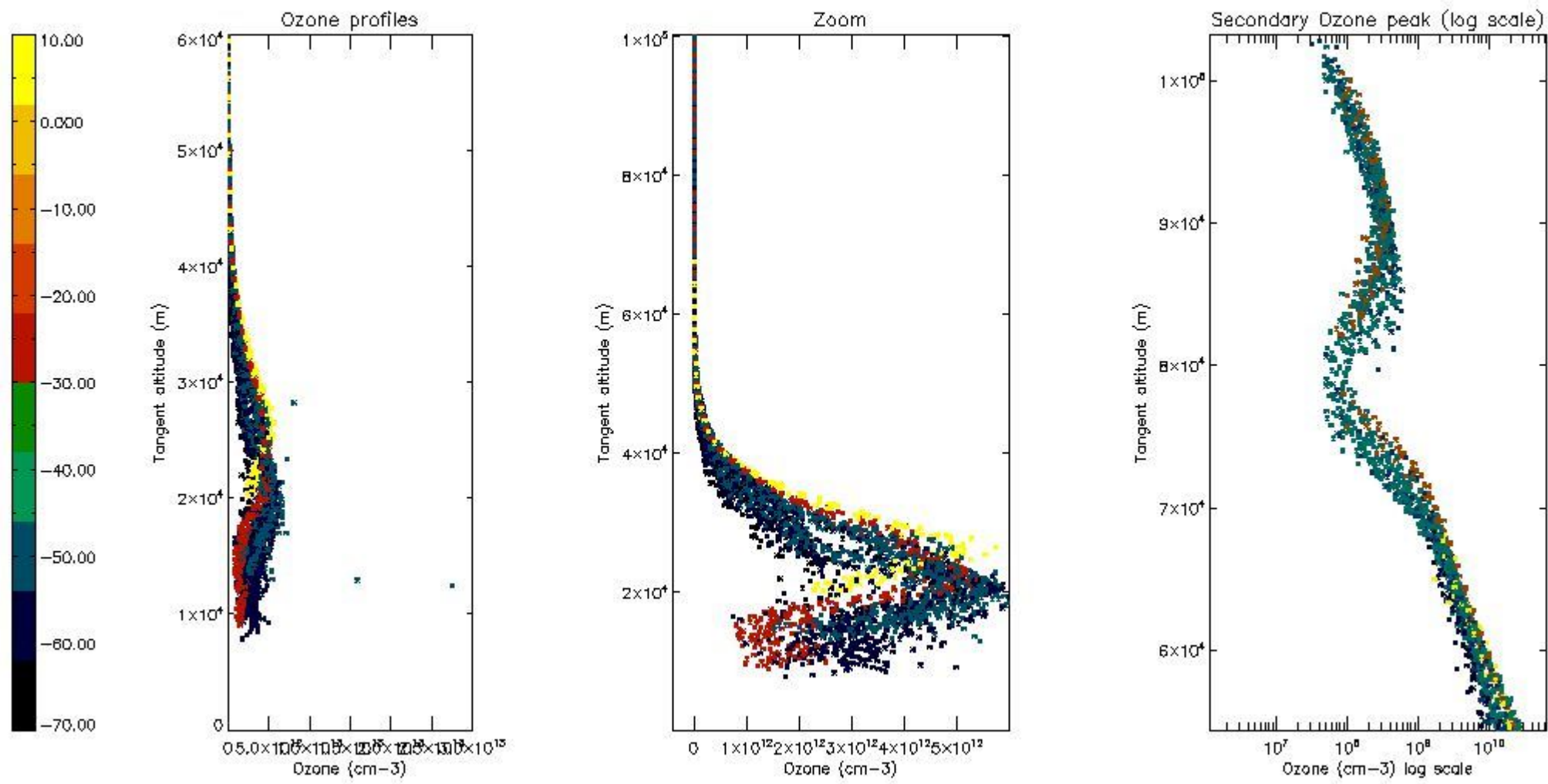
The colorbar represents the latitude.



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

The colorbar represents the latitude.

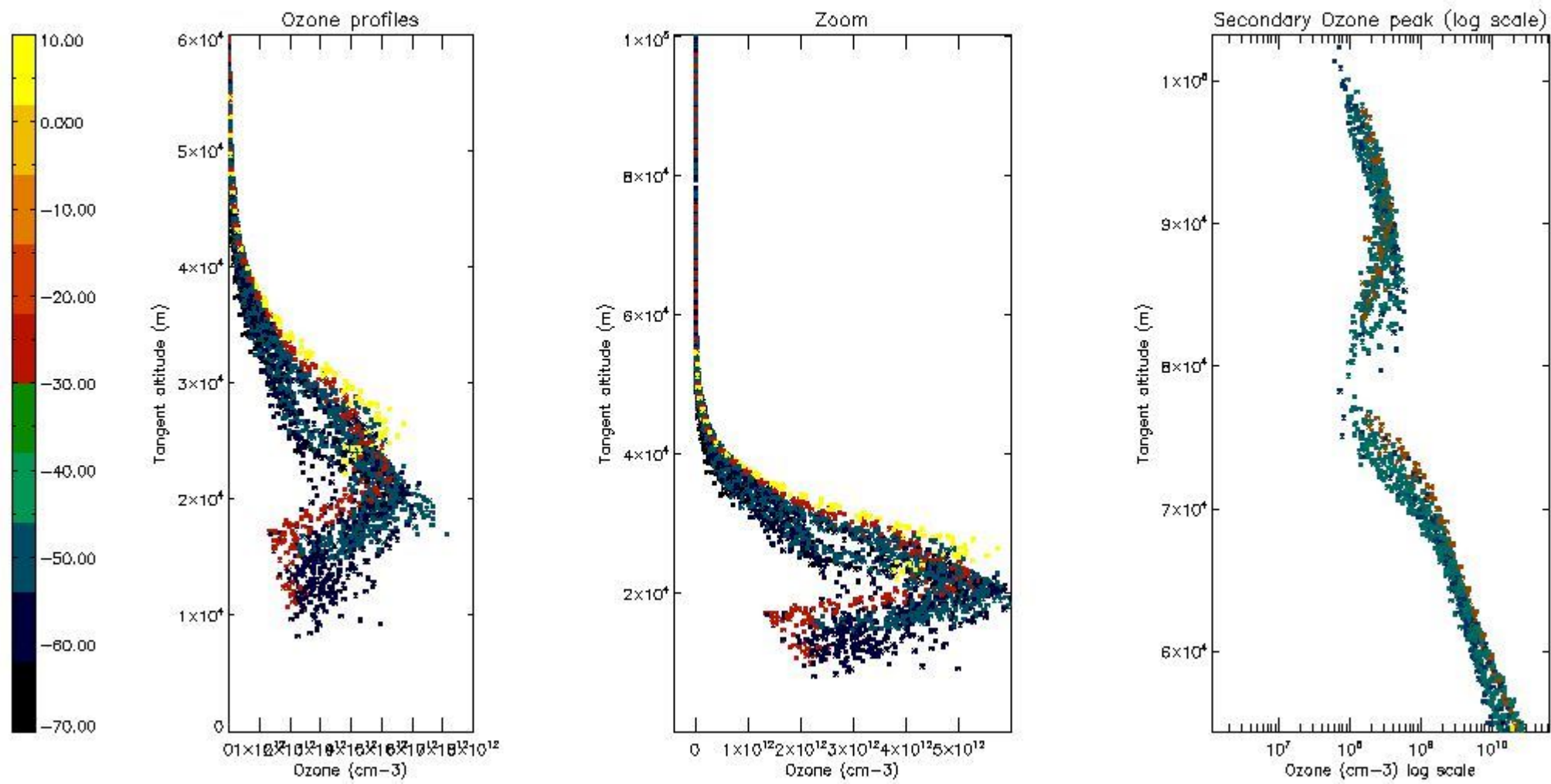




*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

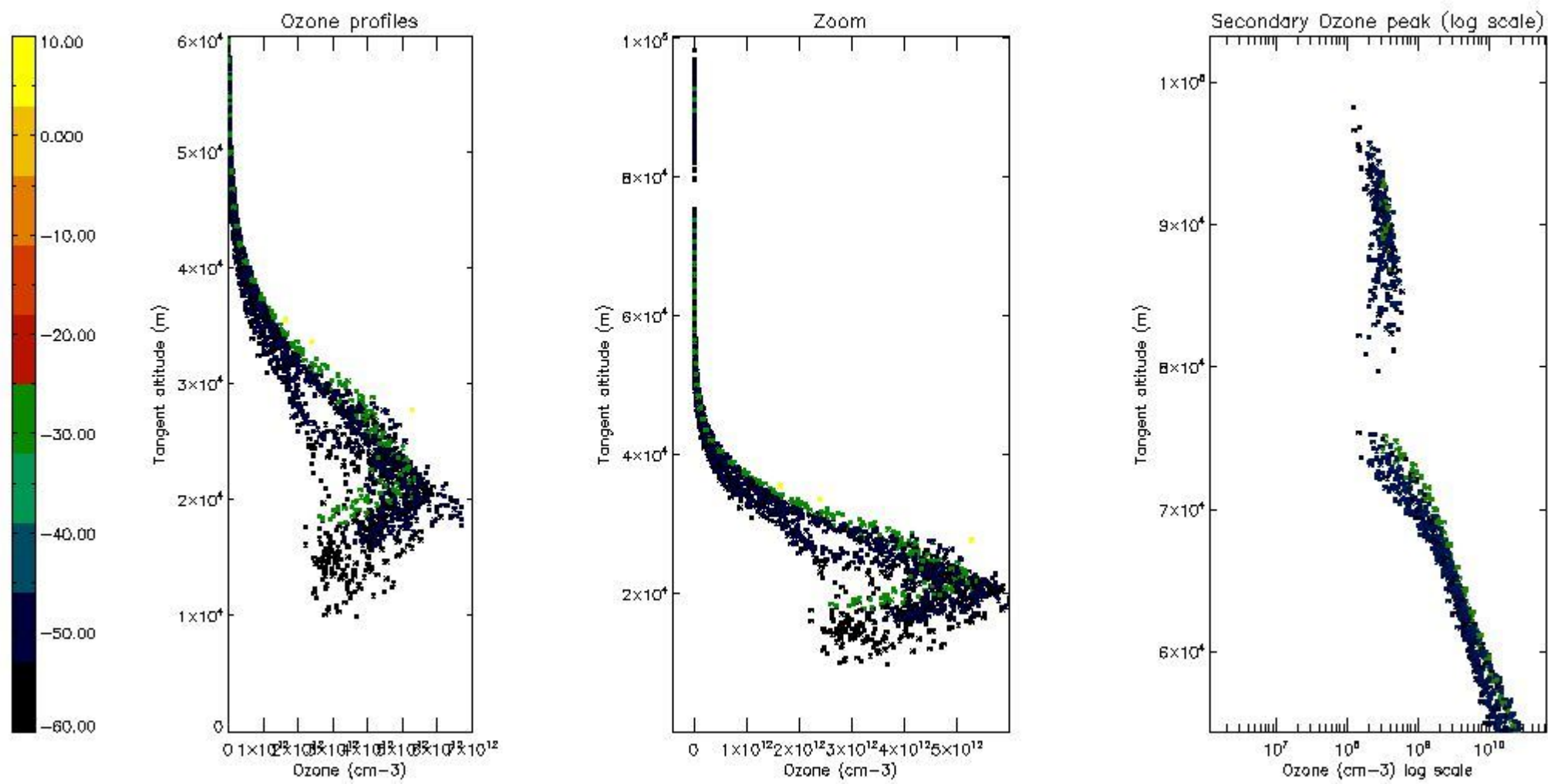
The colorbar represents the latitude.





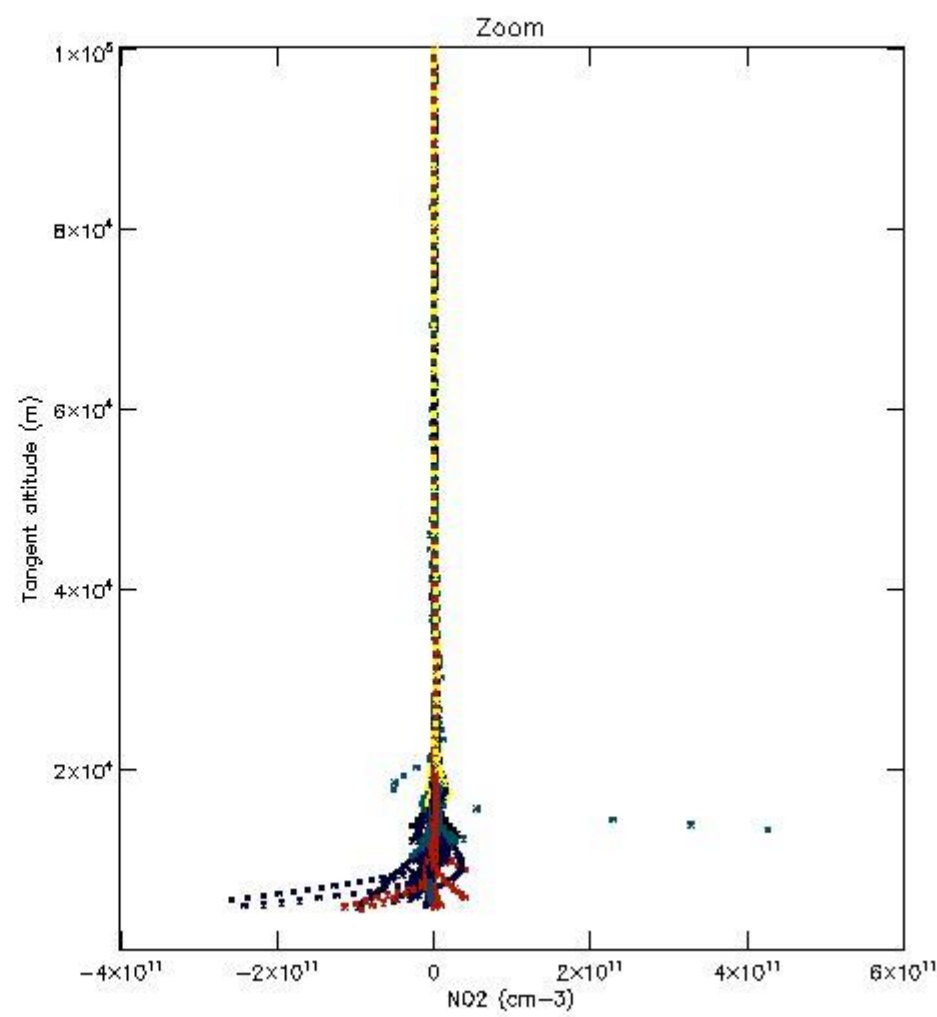
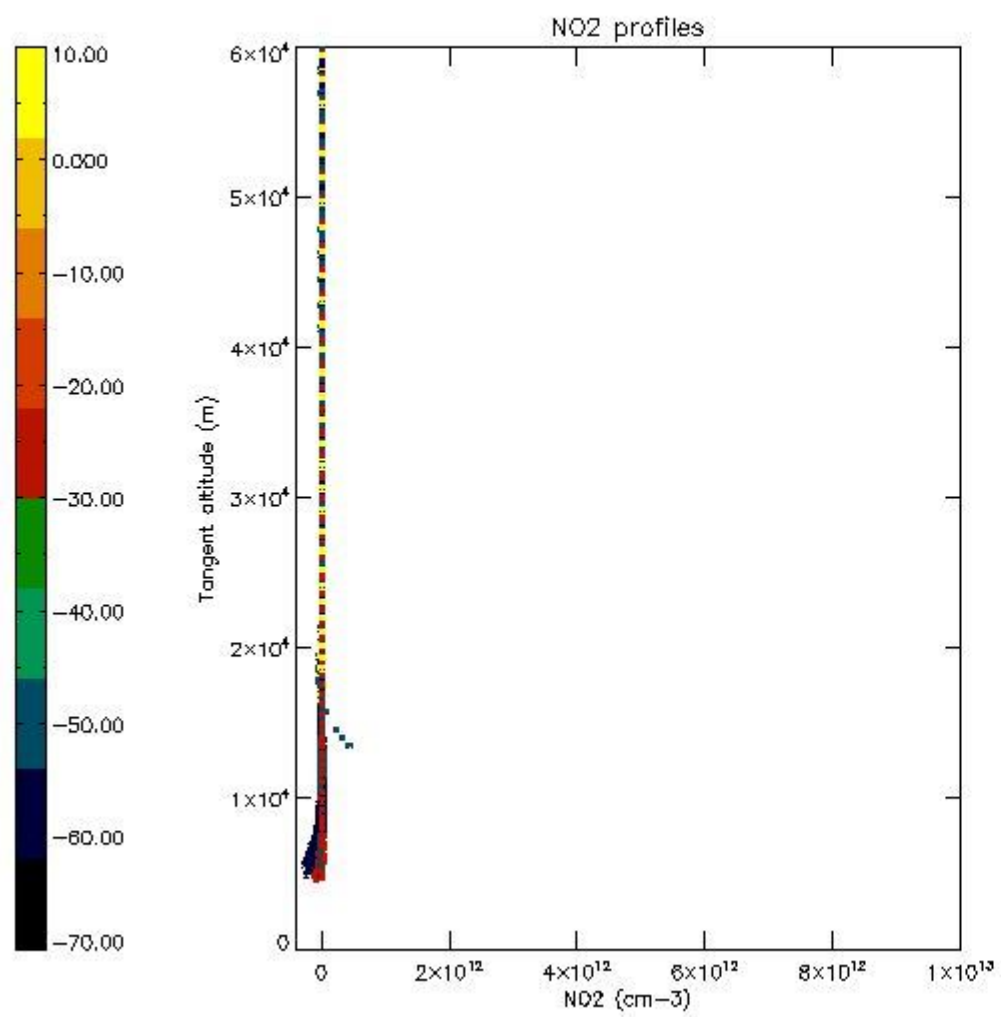
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



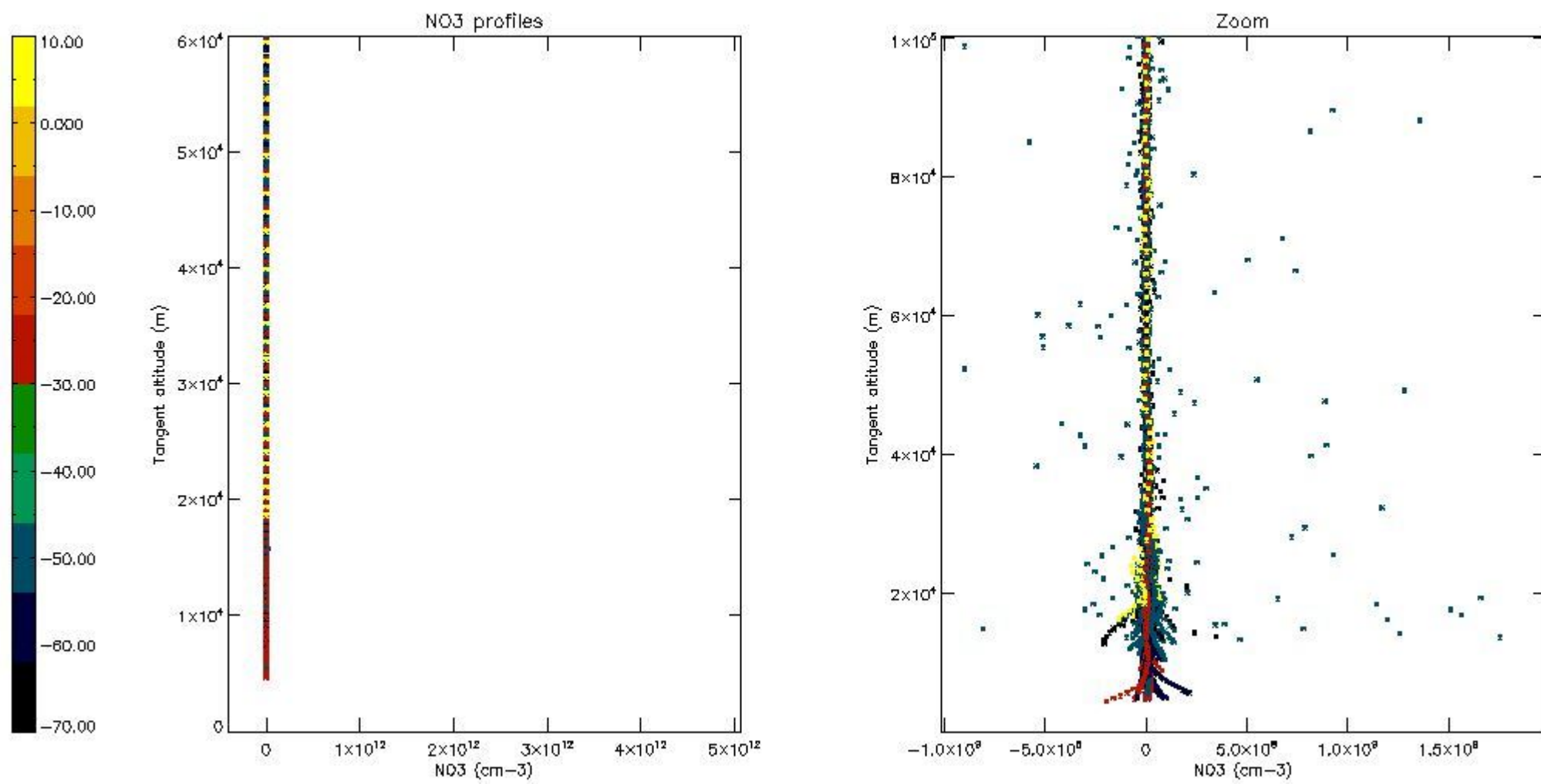
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

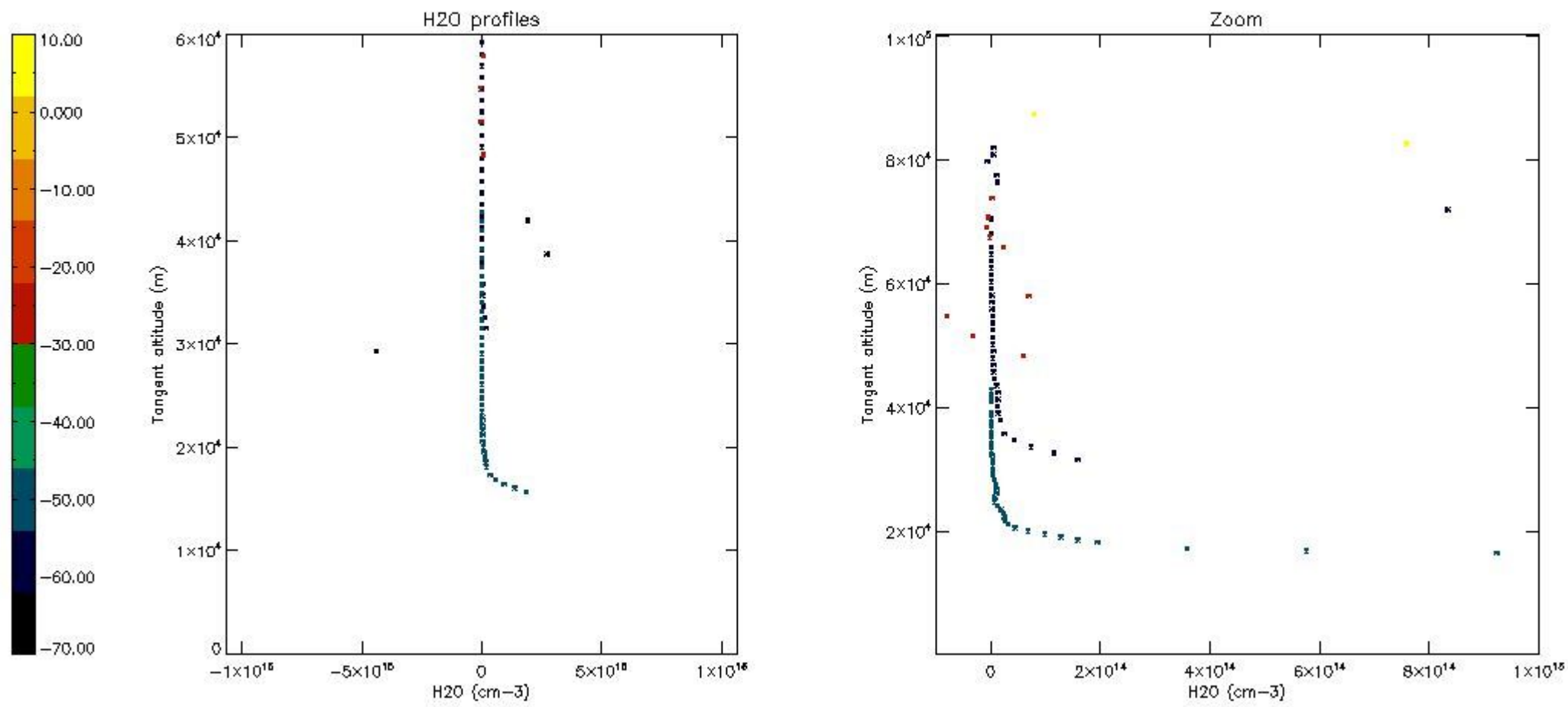
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-SEP-2003 00:01:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-SEP-2003 00:01:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-SEP-2003 00:01:11

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 19:31:52
Data source version	GOMOS/6.01
Start time of products	01-09-2003 (01SEP2003 00:00:00)
Stop time of products	02-09-2003 (02SEP2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	361
Nb of prods with errors	11

## 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__2PRFIN20030901_000111_000000382019_00288_07857_9587.N1	01-SEP-2003 00:01:11	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	7857	No
2	GOM_NL__2PRFIN20030901_000402_000000422019_00288_07857_9588.N1	01-SEP-2003 00:04:02	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	7857	No
3	GOM_NL__2PRFIN20030901_000611_000000452019_00288_07857_9589.N1	01-SEP-2003 00:06:11	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	7857	No
4	GOM_NL__2PRFIN20030901_000846_000000412019_00288_07857_9590.N1	01-SEP-2003 00:08:46	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	7857	No
5	GOM_NL__2PRFIN20030901_001327_000000582019_00288_07857_9591.N1	01-SEP-2003 00:13:27	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7857	No
6	GOM_NL__2PRFIN20030901_001538_000000682019_00288_07857_9592.N1	01-SEP-2003 00:15:38	Bright	67.500	35	33Alp Per	1.7950	6250.0	135	7857	No
7	GOM_NL__2PRFIN20030901_002053_000000572019_00288_07857_9593.N1	01-SEP-2003 00:20:53	Bright	56.500	6	13Alp Aur	0.080000	3400.0	113	7857	No
8	GOM_NL__2PRFIN20030901_002433_000000492019_00288_07857_9594.N1	01-SEP-2003 00:24:33	Bright	48.500	107	37The Aur	2.6490	11000.	97	7857	No
9	GOM_NL__2PRFIN20030901_002647_000000402019_00288_07857_9595.N1	01-SEP-2003 00:26:47	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7857	No
10	GOM_NL__2PRFIN20030901_002821_000000702019_00288_07857_9596.N1	01-SEP-2003 00:28:21	Twilight	70.000	28	12Bet Tau	1.6500	15200.	140	7857	No
11	GOM_NL__2PRFIN20030901_003124_000000512019_00288_07857_9597.N1	01-SEP-2003 00:31:24	Twilight	51.000	44	24Gam Gem	1.9280	11000.	102	7857	No
12	GOM_NL__2PRFIN20030901_003326_000000492019_00288_07857_9598.N1	01-SEP-2003 00:33:26	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	7857	No
13	GOM_NL__2PRFIN20030901_003558_000000732019_00288_07857_9599.N1	01-SEP-2003 00:35:58	Dark	72.500	14	58Alp Ori	0.87000	3000.0	145	7857	No
14	GOM_NL__2PRFIN20030901_003811_000000752019_00288_07857_9600.N1	01-SEP-2003 00:38:11	Dark	75.000	27	24Gam Ori	1.6360	26000.	150	7857	No
15	GOM_NL__2PRFIN20030901_004104_000000432019_00288_07857_9601.N1	01-SEP-2003 00:41:04	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	7857	No
16	GOM_NL__2PRFIN20030901_004222_000000432019_00288_07857_9602.N1	01-SEP-2003 00:42:22	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	7857	No
17	GOM_NL__2PRFIN20030901_004349_000000482019_00288_07857_9603.N1	01-SEP-2003 00:43:49	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	7857	No
18	GOM_NL__2PRFIN20030901_005035_000000502019_00288_07857_9604.N1	01-SEP-2003 00:50:35	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	7857	No
19	GOM_NL__2PRFIN20030901_010059_000000402019_00289_07858_8947.N1	01-SEP-2003 01:00:59	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	7858	No
20	GOM_NL__2PRFIN20030901_010632_000000452019_00289_07858_8948.N1	01-SEP-2003 01:06:32	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	7858	No
21	GOM_NL__2PRFIN20030901_010938_000000472019_00289_07858_8949.N1	01-SEP-2003 01:09:38	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	7858	No
22	GOM_NL__2PRFIN20030901_011416_000000512019_00289_07858_8950.N1	01-SEP-2003 01:14:16	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	7858	No
23	GOM_NL__2PRFIN20030901_011849_000000522019_00289_07858_8951.N1	01-SEP-2003 01:18:49	Dark	51.500	1014	Mars	0.0000	0.0000	103	7858	Yes
24	GOM_NL__2PRFIN20030901_012216_000000402019_00289_07858_8952.N1	01-SEP-2003 01:22:16	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7858	No
25	GOM_NL__2PRFIN20030901_012344_000000422019_00289_07858_8953.N1	01-SEP-2003 01:23:44	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7858	No
26	GOM_NL__2PRFIN20030901_012644_000000422019_00289_07858_8954.N1	01-SEP-2003 01:26:44	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	7858	No
27	GOM_NL__2PRFIN20030901_012943_000000492019_00289_07858_8955.N1	01-SEP-2003 01:29:43	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	7858	No
28	GOM_NL__2PRFIN20030901_013336_000000382019_00289_07858_8956.N1	01-SEP-2003 01:33:36	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	7858	No
29	GOM_NL__2PRFIN20030901_013528_000000392019_00289_07858_8957.N1	01-SEP-2003 01:35:28	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7858	No
30	GOM_NL__2PRFIN20030901_013647_000000402019_00289_07858_8958.N1	01-SEP-2003 01:36:47	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	7858	No
31	GOM_NL__2PRFIN20030901_014147_000000372019_00289_07858_8959.N1	01-SEP-2003 01:41:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	7858	No
32	GOM_NL__2PRFIN20030901_014437_000000472019_00289_07858_8960.N1	01-SEP-2003 01:44:37	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	7858	No
33	GOM_NL__2PRFIN20030901_014646_000000462019_00289_07858_8961.N1	01-SEP-2003 01:46:46	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7858	No
34	GOM_NL__2PRFIN20030901_014924_000000382019_00289_07858_8962.N1	01-SEP-2003 01:49:24	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7858	No
35	GOM_NL__2PRFIN20030901_015402_000000552019_00289_07858_8963.N1	01-SEP-2003 01:54:02	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	7858	No
36	GOM_NL__2PRFIN20030901_015613_000000652019_00289_07858_8964.N1	01-SEP-2003 01:56:13	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	7858	No
37	GOM_NL__2PRFIN20030901_020129_000000602019_00289_07858_8965.N1	01-SEP-2003 02:01:29	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	7858	No
38	GOM_NL__2PRFIN20030901_020509_000000472019_00289_07858_8966.N1	01-SEP-2003 02:05:09	Bright	47.000	107	37The Aur	2.6490	11000.	94	7858	No
39	GOM_NL__2PRFIN20030901_020724_000000422019_00289_07858_8967.N1	01-SEP-2003 02:07:24	Bright	41.500	17	78Bet Gem	1.1610	4500.0	83	7858	No
40	GOM_NL__2PRFIN20030901_020857_000000682019_00289_07858_8968.N1	01-SEP-2003 02:08:57	Twilight	68.000	28	12Bet Tau	1.6500	15200.	136	7858	No
41	GOM_NL__2PRFIN20030901_021201_000000522019_00289_07858_8969.N1	01-SEP-2003 02:12:01	Twilight	52.000	44	24Gam Gem	1.9280	11000.	104	7858	No
42	GOM_NL__2PRFIN20030901_021403_000000452019_00289_07858_8970.N1	01-SEP-2003 02:14:03	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	7858	No

43	GOM_NL__2PRFIN20030901_021635_000000732019_00289_07858_8971.N1	01-SEP-2003 02:16:35	Dark	72.500	14	58Alp Ori	0.87000	3000.0	145	7858	No
44	GOM_NL__2PRFIN20030901_021848_000000772019_00289_07858_8972.N1	01-SEP-2003 02:18:48	Dark	76.500	27	24Gam Ori	1.6360	26000.	153	7858	No
45	GOM_NL__2PRFIN20030901_022140_000000442019_00289_07858_8973.N1	01-SEP-2003 02:21:40	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	7858	No
46	GOM_NL__2PRFIN20030901_022427_000000472019_00289_07858_8974.N1	01-SEP-2003 02:24:27	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	7858	No
47	GOM_NL__2PRFIN20030901_022602_000000412019_00289_07858_8975.N1	01-SEP-2003 02:26:02	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7858	No
48	GOM_NL__2PRFIN20030901_023111_000000482019_00289_07858_8976.N1	01-SEP-2003 02:31:11	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	7858	No
49	GOM_NL__2PRFIN20030901_024135_000000412019_00290_07859_8948.N1	01-SEP-2003 02:41:35	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	7859	No
50	GOM_NL__2PRFIN20030901_024707_000000462019_00290_07859_8949.N1	01-SEP-2003 02:47:07	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	7859	No
51	GOM_NL__2PRFIN20030901_025012_000000482019_00290_07859_8950.N1	01-SEP-2003 02:50:12	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	7859	No
52	GOM_NL__2PRFIN20030901_025451_000000542019_00290_07859_8951.N1	01-SEP-2003 02:54:51	Straylight	53.500	18	24Alp PsA	1.1660	9700.0	107	7859	No
53	GOM_NL__2PRFIN20030901_025924_000000532019_00290_07859_8952.N1	01-SEP-2003 02:59:24	Dark	53.000	1014	Mars	0.0000	0.0000	106	7859	Yes
54	GOM_NL__2PRFIN20030901_030252_000000402019_00290_07859_8953.N1	01-SEP-2003 03:02:52	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7859	No
55	GOM_NL__2PRFIN20030901_030420_000000432019_00290_07859_8954.N1	01-SEP-2003 03:04:20	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	7859	No
56	GOM_NL__2PRFIN20030901_030719_000000432019_00290_07859_8955.N1	01-SEP-2003 03:07:19	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	7859	No
57	GOM_NL__2PRFIN20030901_031018_000000492019_00290_07859_8956.N1	01-SEP-2003 03:10:18	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	7859	No
58	GOM_NL__2PRFIN20030901_031410_000000422019_00290_07859_8957.N1	01-SEP-2003 03:14:10	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	7859	No
59	GOM_NL__2PRFIN20030901_031605_000000392019_00290_07859_8958.N1	01-SEP-2003 03:16:05	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7859	No
60	GOM_NL__2PRFIN20030901_031721_000000432019_00290_07859_8959.N1	01-SEP-2003 03:17:21	Bright	42.500	19	50Alp Cyg	1.2460	10500.	85	7859	No
61	GOM_NL__2PRFIN20030901_032222_000000352019_00290_07859_8960.N1	01-SEP-2003 03:22:22	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	7859	No
62	GOM_NL__2PRFIN20030901_032513_000000462019_00290_07859_8961.N1	01-SEP-2003 03:25:13	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	7859	No
63	GOM_NL__2PRFIN20030901_032721_000000462019_00290_07859_8962.N1	01-SEP-2003 03:27:21	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7859	No
64	GOM_NL__2PRFIN20030901_033000_000000382019_00290_07859_8963.N1	01-SEP-2003 03:30:00	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7859	No
65	GOM_NL__2PRFIN20030901_033437_000000592019_00290_07859_8964.N1	01-SEP-2003 03:34:37	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7859	No
66	GOM_NL__2PRFIN20030901_033648_000000642019_00290_07859_8965.N1	01-SEP-2003 03:36:48	Bright	63.500	35	33Alp Per	1.7950	6250.0	127	7859	No
67	GOM_NL__2PRFIN20030901_034204_000000552019_00290_07859_8966.N1	01-SEP-2003 03:42:04	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	7859	No
68	GOM_NL__2PRFIN20030901_034545_000000462019_00290_07859_8967.N1	01-SEP-2003 03:45:45	Bright	46.000	107	37The Aur	2.6490	11000.	92	7859	No
69	GOM_NL__2PRFIN20030901_034800_000000402019_00290_07859_8968.N1	01-SEP-2003 03:48:00	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7859	No
70	GOM_NL__2PRFIN20030901_034933_000000692019_00290_07859_8969.N1	01-SEP-2003 03:49:33	Twl_and_stray	69.000	28	12Bet Tau	1.6500	15200.	138	7859	No
71	GOM_NL__2PRFIN20030901_035237_000000522019_00290_07859_8970.N1	01-SEP-2003 03:52:37	Twl_and_stray	51.500	44	24Gam Gem	1.9280	11000.	103	7859	No
72	GOM_NL__2PRFIN20030901_035439_000000472019_00290_07859_8971.N1	01-SEP-2003 03:54:39	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	7859	No
73	GOM_NL__2PRFIN20030901_035711_000000772019_00290_07859_8972.N1	01-SEP-2003 03:57:11	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7859	No
74	GOM_NL__2PRFIN20030901_035925_000000752019_00290_07859_8973.N1	01-SEP-2003 03:59:25	Dark	75.000	27	24Gam Ori	1.6360	26000.	150	7859	No
75	GOM_NL__2PRFIN20030901_040215_000000472019_00290_07859_8974.N1	01-SEP-2003 04:02:15	Dark	46.500	132	15Rho Pup	2.8030	6900.0	93	7859	No
76	GOM_NL__2PRFIN20030901_040335_000000452019_00290_07859_8975.N1	01-SEP-2003 04:03:35	Dark	45.000	179	24Omi2CMa	3.0320	24000.	90	7859	No
77	GOM_NL__2PRFIN20030901_040500_000000482019_00290_07859_8976.N1	01-SEP-2003 04:05:00	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	7859	No
78	GOM_NL__2PRFIN20030901_040636_000000412019_00290_07859_8977.N1	01-SEP-2003 04:06:36	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7859	No
79	GOM_NL__2PRFIN20030901_041146_000000542019_00290_07859_8978.N1	01-SEP-2003 04:11:46	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7859	No
80	GOM_NL__2PRFIN20030901_042212_000000412019_00291_07860_9174.N1	01-SEP-2003 04:22:12	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	7860	No
81	GOM_NL__2PRFIN20030901_042745_000000412019_00291_07860_9175.N1	01-SEP-2003 04:27:45	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7860	No
82	GOM_NL__2PRFIN20030901_042920_000000532019_00291_07860_9176.N1	01-SEP-2003 04:29:20	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	7860	No
83	GOM_NL__2PRFIN20030901_043124_000000442019_00291_07860_9177.N1	01-SEP-2003 04:31:24	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	7860	No
84	GOM_NL__2PRFIN20030901_043527_000000532019_00291_07860_9178.N1	01-SEP-2003 04:35:27	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	7860	No
85	GOM_NL__2PRFIN20030901_044000_000000582019_00291_07860_9179.N1	01-SEP-2003 04:40:00	Dark	57.500	1014	Mars	0.0000	0.0000	115	7860	Yes
86	GOM_NL__2PRFIN20030901_044328_000000422019_00291_07860_9180.N1	01-SEP-2003 04:43:28	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	7860	No
87	GOM_NL__2PRFIN20030901_044454_000000442019_00291_07860_9181.N1	01-SEP-2003 04:44:54	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	7860	No
88	GOM_NL__2PRFIN20030901_044757_000000412019_00291_07860_9182.N1	01-SEP-2003 04:47:57	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	7860	No
89	GOM_NL__2PRFIN20030901_045054_000000482019_00291_07860_9183.N1	01-SEP-2003 04:50:54	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	7860	No
90	GOM_NL__2PRFIN20030901_045448_000000412019_00291_07860_9184.N1	01-SEP-2003 04:54:48	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	7860	No
91	GOM_NL__2PRFIN20030901_045640_000000412019_00291_07860_9185.N1	01-SEP-2003 04:56:40	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	7860	No
92	GOM_NL__2PRFIN20030901_045759_000000412019_00291_07860_9186.N1	01-SEP-2003 04:57:59	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	7860	No
93	GOM_NL__2PRFIN20030901_050258_000000392019_00291_07860_9187.N1	01-SEP-2003 05:02:58	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7860	No
94	GOM_NL__2PRFIN20030901_050548_000000462019_00291_07860_9188.N1	01-SEP-2003 05:05:48	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	7860	No
95	GOM_NL__2PRFIN20030901_050757_000000472019_00291_07860_9189.N1	01-SEP-2003 05:07:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7860	No
96	GOM_NL__2PRFIN20030901_051036_000000362019_00291_07860_9190.N1	01-SEP-2003 05:10:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7860	No
97	GOM_NL__2PRFIN20030901_051512_000000592019_00291_07860_9191.N1	01-SEP-2003 05:15:12	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7860	No
98	GOM_NL__2PRFIN20030901_051723_000000632019_00291_07860_9192.N1	01-SEP-2003 05:17:23	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	7860	No
99	GOM_NL__2PRFIN20030901_052033_000001032019_00291_07860_9193.N1	01-SEP-2003 05:20:33	Bright	103.00	79	26Bet Per	2.3100	13100.	206	7860	No
100	GOM_NL__2PRFIN20030901_052344_000000802019_00291_07860_9194.N1	01-SEP-2003 05:23:44	Bright	80.000	149	45Eps Per	2.8880	30000.	160	7860	No
101	GOM_NL__2PRFIN20030901_052621_000000492019_00291_07860_9195.N1	01-SEP-2003 05:26:21	Bright	48.500	107	37The Aur	2.6490	11000.	97	7860	No



102	GOM_NL__2PRFIN20030901_052836_000000402019_00291_07860_9196.N1	01-SEP-2003 05:28:36	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7860	No
103	GOM_NL__2PRFIN20030901_053009_000000732019_00291_07860_9197.N1	01-SEP-2003 05:30:09	Twl_and_stray	72.500	28	12Bet Tau	1.6500	15200.	145	7860	No
104	GOM_NL__2PRFIN20030901_053314_000000492019_00291_07860_9198.N1	01-SEP-2003 05:33:14	Twl_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	7860	No
105	GOM_NL__2PRFIN20030901_053516_000000492019_00291_07860_9199.N1	01-SEP-2003 05:35:16	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	7860	No
106	GOM_NL__2PRFIN20030901_053748_000000692019_00291_07860_9200.N1	01-SEP-2003 05:37:48	Dark	68.500	14	58Alp Ori	0.87000	3000.0	137	7860	No
107	GOM_NL__2PRFIN20030901_054003_000000752019_00291_07860_9201.N1	01-SEP-2003 05:40:03	Dark	74.500	27	24Gam Ori	1.6360	26000.	149	7860	No
108	GOM_NL__2PRFIN20030901_054254_000000432019_00291_07860_9202.N1	01-SEP-2003 05:42:54	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	7860	No
109	GOM_NL__2PRFIN20030901_054411_000000422019_00291_07860_9203.N1	01-SEP-2003 05:44:11	Dark	42.000	179	24Omi2CMa	3.0320	24000.	84	7860	No
110	GOM_NL__2PRFIN20030901_054540_000000482019_00291_07860_9204.N1	01-SEP-2003 05:45:40	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	7860	No
111	GOM_NL__2PRFIN20030901_054712_000000412019_00291_07860_9205.N1	01-SEP-2003 05:47:12	Dark	41.000	70	Zet Pup	2.2460	39000.	82	7860	No
112	GOM_NL__2PRFIN20030901_055225_000000492019_00291_07860_9206.N1	01-SEP-2003 05:52:25	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	7860	No
113	GOM_NL__2PRFIN20030901_060247_000000412019_00292_07861_9175.N1	01-SEP-2003 06:02:47	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	7861	No
114	GOM_NL__2PRFIN20030901_060821_000000522019_00292_07861_9176.N1	01-SEP-2003 06:08:21	Straylight	52.000	148	Alp Tuc	2.8780	4100.0	104	7861	No
115	GOM_NL__2PRFIN20030901_060957_000000542019_00292_07861_9177.N1	01-SEP-2003 06:09:57	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7861	No
116	GOM_NL__2PRFIN20030901_061201_000000422019_00292_07861_9178.N1	01-SEP-2003 06:12:01	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	7861	No
117	GOM_NL__2PRFIN20030901_061603_000000532019_00292_07861_9179.N1	01-SEP-2003 06:16:03	Straylight	53.000	18	24Alp PsA	1.1660	9700.0	106	7861	No
118	GOM_NL__2PRFIN20030901_062036_000000552019_00292_07861_9180.N1	01-SEP-2003 06:20:36	Dark	54.500	1014	Mars	0.0000	0.0000	109	7861	Yes
119	GOM_NL__2PRFIN20030901_062402_000000432019_00292_07861_9181.N1	01-SEP-2003 06:24:02	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	7861	No
120	GOM_NL__2PRFIN20030901_062530_000000452019_00292_07861_9182.N1	01-SEP-2003 06:25:30	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	7861	No
121	GOM_NL__2PRFIN20030901_062833_000000422019_00292_07861_9183.N1	01-SEP-2003 06:28:33	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	7861	No
122	GOM_NL__2PRFIN20030901_063130_000000482019_00292_07861_9184.N1	01-SEP-2003 06:31:30	Bright	48.000	90	54Alp Peg	2.4870	11000.	96	7861	No
123	GOM_NL__2PRFIN20030901_063524_000000412019_00292_07861_9185.N1	01-SEP-2003 06:35:24	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	7861	No
124	GOM_NL__2PRFIN20030901_063715_000000422019_00292_07861_9186.N1	01-SEP-2003 06:37:15	Bright	42.000	66	37Gam Cyg	2.2080	5900.0	84	7861	No
125	GOM_NL__2PRFIN20030901_063835_000000412019_00292_07861_9187.N1	01-SEP-2003 06:38:35	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	7861	No
126	GOM_NL__2PRFIN20030901_064334_000000382019_00292_07861_9188.N1	01-SEP-2003 06:43:34	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	7861	No
127	GOM_NL__2PRFIN20030901_064623_000000432019_00292_07861_9189.N1	01-SEP-2003 06:46:23	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	7861	No
128	GOM_NL__2PRFIN20030901_064832_000000472019_00292_07861_9190.N1	01-SEP-2003 06:48:32	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7861	No
129	GOM_NL__2PRFIN20030901_065112_000000392019_00292_07861_9191.N1	01-SEP-2003 06:51:12	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	7861	No
130	GOM_NL__2PRFIN20030901_065547_000000592019_00292_07861_9192.N1	01-SEP-2003 06:55:47	Bright	58.500	160	23Gam Per	2.9300	4700.0	117	7861	No
131	GOM_NL__2PRFIN20030901_065758_000000622019_00292_07861_9193.N1	01-SEP-2003 06:57:58	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	7861	No
132	GOM_NL__2PRFIN20030901_070108_000001032019_00292_07861_9194.N1	01-SEP-2003 07:01:08	Bright	103.00	79	26Bet Per	2.3100	13100.	206	7861	No
133	GOM_NL__2PRFIN20030901_070419_000000872019_00292_07861_9195.N1	01-SEP-2003 07:04:19	Bright	86.500	149	45Eps Per	2.8880	30000.	173	7861	No
134	GOM_NL__2PRFIN20030901_070657_000000492019_00292_07861_9196.N1	01-SEP-2003 07:06:57	Bright	49.000	107	37The Aur	2.6490	11000.	98	7861	No
135	GOM_NL__2PRFIN20030901_070912_000000412019_00292_07861_9197.N1	01-SEP-2003 07:09:12	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	7861	No
136	GOM_NL__2PRFIN20030901_071046_000000712019_00292_07861_9198.N1	01-SEP-2003 07:10:46	Twl_and_stray	70.500	28	12Bet Tau	1.6500	15200.	141	7861	No
137	GOM_NL__2PRFIN20030901_071350_000000492019_00292_07861_9199.N1	01-SEP-2003 07:13:50	Twl_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	7861	No
138	GOM_NL__2PRFIN20030901_071552_000000502019_00292_07861_9200.N1	01-SEP-2003 07:15:52	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	7861	No
139	GOM_NL__2PRFIN20030901_071825_000000702019_00292_07861_9201.N1	01-SEP-2003 07:18:25	Dark	70.000	14	58Alp Ori	0.87000	3000.0	140	7861	No
140	GOM_NL__2PRFIN20030901_072040_000000742019_00292_07861_9202.N1	01-SEP-2003 07:20:40	Dark	74.000	27	24Gam Ori	1.6360	26000.	148	7861	No
141	GOM_NL__2PRFIN20030901_072330_000000422019_00292_07861_9203.N1	01-SEP-2003 07:23:30	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	7861	No
142	GOM_NL__2PRFIN20030901_072447_000000442019_00292_07861_9204.N1	01-SEP-2003 07:24:47	Dark	44.000	179	24Omi2CMa	3.0320	24000.	88	7861	No
143	GOM_NL__2PRFIN20030901_072616_000000472019_00292_07861_9205.N1	01-SEP-2003 07:26:16	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	7861	No
144	GOM_NL__2PRFIN20030901_072748_000000412019_00292_07861_9206.N1	01-SEP-2003 07:27:48	Dark	40.500	70	Zet Pup	2.2460	39000.	81	7861	No
145	GOM_NL__2PRFIN20030901_073301_000000442019_00292_07861_9207.N1	01-SEP-2003 07:33:01	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	7861	No
146	GOM_NL__2PRFIN20030901_074324_000000402019_00293_07862_9176.N1	01-SEP-2003 07:43:24	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	7862	No
147	GOM_NL__2PRFIN20030901_074858_000000422019_00293_07862_9177.N1	01-SEP-2003 07:48:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	7862	No
148	GOM_NL__2PRFIN20030901_075034_000000542019_00293_07862_9178.N1	01-SEP-2003 07:50:34	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7862	No
149	GOM_NL__2PRFIN20030901_075237_000000412019_00293_07862_9179.N1	01-SEP-2003 07:52:37	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	7862	No
150	GOM_NL__2PRFIN20030901_075640_000000522019_00293_07862_9180.N1	01-SEP-2003 07:56:40	Straylight	52.000	18	24Alp PsA	1.1660	9700.0	104	7862	No
151	GOM_NL__2PRFIN20030901_080113_000000552019_00293_07862_9181.N1	01-SEP-2003 08:01:13	Dark	55.000	1014	Mars	0.0000	0.0000	110	7862	Yes
152	GOM_NL__2PRFIN20030901_080440_000000412019_00293_07862_9182.N1	01-SEP-2003 08:04:40	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	7862	No
153	GOM_NL__2PRFIN20030901_080606_000000452019_00293_07862_9183.N1	01-SEP-2003 08:06:06	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	7862	No
154	GOM_NL__2PRFIN20030901_080909_000000402019_00293_07862_9184.N1	01-SEP-2003 08:09:09	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7862	No
155	GOM_NL__2PRFIN20030901_081205_000000502019_00293_07862_9185.N1	01-SEP-2003 08:12:05	Bright	50.000	90	54Alp Peg	2.4870	11000.	100	7862	No
156	GOM_NL__2PRFIN20030901_081600_000000382019_00293_07862_9186.N1	01-SEP-2003 08:16:00	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	7862	No
157	GOM_NL__2PRFIN20030901_081753_000000372019_00293_07862_9187.N1	01-SEP-2003 08:17:53	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	7862	No
158	GOM_NL__2PRFIN20030901_081911_000000392019_00293_07862_9188.N1	01-SEP-2003 08:19:11	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	7862	No
159	GOM_NL__2PRFIN20030901_082409_000000392019_00293_07862_9189.N1	01-SEP-2003 08:24:09	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7862	No
160	GOM_NL__2PRFIN20030901_082659_000000442019_00293_07862_9190.N1	01-SEP-2003 08:26:59	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	7862	No

161	GOM_NL__2PRFIN20030901_082907_000000462019_00293_07862_9191.N1	01-SEP-2003 08:29:07	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	7862	No
162	GOM_NL__2PRFIN20030901_083148_000000352019_00293_07862_9192.N1	01-SEP-2003 08:31:48	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	7862	No
163	GOM_NL__2PRFIN20030901_083622_000000582019_00293_07862_9193.N1	01-SEP-2003 08:36:22	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	7862	No
164	GOM_NL__2PRFIN20030901_083833_000000642019_00293_07862_9194.N1	01-SEP-2003 08:38:33	Bright	63.500	35	33Alp Per	1.7950	6250.0	127	7862	No
165	GOM_NL__2PRFIN20030901_084143_000001032019_00293_07862_9195.N1	01-SEP-2003 08:41:43	Bright	103.00	79	26Bet Per	2.3100	13100.	206	7862	No
166	GOM_NL__2PRFIN20030901_084454_000000802019_00293_07862_9196.N1	01-SEP-2003 08:44:54	Bright	79.500	149	45Eps Per	2.8880	30000.	159	7862	No
167	GOM_NL__2PRFIN20030901_084733_000000492019_00293_07862_9197.N1	01-SEP-2003 08:47:33	Bright	49.000	107	37The Aur	2.6490	11000.	98	7862	No
168	GOM_NL__2PRFIN20030901_084948_000000412019_00293_07862_9198.N1	01-SEP-2003 08:49:48	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	7862	No
169	GOM_NL__2PRFIN20030901_085122_000000722019_00293_07862_9199.N1	01-SEP-2003 08:51:22	Tw_i_and_stray	72.000	28	12Bet Tau	1.6500	15200.	144	7862	No
170	GOM_NL__2PRFIN20030901_085426_000000552019_00293_07862_9200.N1	01-SEP-2003 08:54:26	Tw_i_and_stray	55.000	44	24Gam Gem	1.9280	11000.	110	7862	No
171	GOM_NL__2PRFIN20030901_085628_000000452019_00293_07862_9201.N1	01-SEP-2003 08:56:28	Twilight	45.000	8	10Alp CMi	0.40000	6500.0	90	7862	No
172	GOM_NL__2PRFIN20030901_085902_000000772019_00293_07862_9202.N1	01-SEP-2003 08:59:02	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7862	No
173	GOM_NL__2PRFIN20030901_090117_000000812019_00293_07862_9203.N1	01-SEP-2003 09:01:17	Dark	81.000	27	24Gam Ori	1.6360	26000.	162	7862	No
174	GOM_NL__2PRFIN20030901_090406_000000382019_00293_07862_9204.N1	01-SEP-2003 09:04:06	Dark	37.500	132	15Rho Pup	2.8030	6900.0	75	7862	No
175	GOM_NL__2PRFIN20030901_090523_000000452019_00293_07862_9205.N1	01-SEP-2003 09:05:23	Dark	44.500	179	24Omi2CMa	3.0320	24000.	89	7862	No
176	GOM_NL__2PRFIN20030901_090652_000000482019_00293_07862_9206.N1	01-SEP-2003 09:06:52	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	7862	No
177	GOM_NL__2PRFIN20030901_090824_000000402019_00293_07862_9207.N1	01-SEP-2003 09:08:24	Dark	40.000	70	Zet Pup	2.2460	39000.	80	7862	No
178	GOM_NL__2PRFIN20030901_091338_000000542019_00293_07862_9208.N1	01-SEP-2003 09:13:38	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7862	No
179	GOM_NL__2PRFIN20030901_092400_000000402019_00294_07863_9177.N1	01-SEP-2003 09:24:00	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	7863	No
180	GOM_NL__2PRFIN20030901_092934_000000422019_00294_07863_9178.N1	01-SEP-2003 09:29:34	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	7863	No
181	GOM_NL__2PRFIN20030901_093110_000000552019_00294_07863_9179.N1	01-SEP-2003 09:31:10	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	7863	No
182	GOM_NL__2PRFIN20030901_093314_000000402019_00294_07863_9180.N1	01-SEP-2003 09:33:14	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	7863	No
183	GOM_NL__2PRFIN20030901_093718_000000512019_00294_07863_9181.N1	01-SEP-2003 09:37:18	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	7863	No
184	GOM_NL__2PRFIN20030901_094148_000000582019_00294_07863_9182.N1	01-SEP-2003 09:41:48	Dark	58.000	1014	Mars	0.0000	0.0000	116	7863	Yes
185	GOM_NL__2PRFIN20030901_094516_000000412019_00294_07863_9183.N1	01-SEP-2003 09:45:16	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	7863	No
186	GOM_NL__2PRFIN20030901_094644_000000432019_00294_07863_9184.N1	01-SEP-2003 09:46:44	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	7863	No
187	GOM_NL__2PRFIN20030901_094945_000000402019_00294_07863_9185.N1	01-SEP-2003 09:49:45	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	7863	No
188	GOM_NL__2PRFIN20030901_095240_000000482019_00294_07863_9186.N1	01-SEP-2003 09:52:40	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7863	No
189	GOM_NL__2PRFIN20030901_095637_000000402019_00294_07863_9187.N1	01-SEP-2003 09:56:37	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7863	No
190	GOM_NL__2PRFIN20030901_095830_000000372019_00294_07863_9188.N1	01-SEP-2003 09:58:30	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	7863	No
191	GOM_NL__2PRFIN20030901_095947_000000382019_00294_07863_9189.N1	01-SEP-2003 09:59:47	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	7863	No
192	GOM_NL__2PRFIN20030901_100445_000000392019_00294_07863_9190.N1	01-SEP-2003 10:04:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7863	No
193	GOM_NL__2PRFIN20030901_100734_000000432019_00294_07863_9191.N1	01-SEP-2003 10:07:34	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	7863	No
194	GOM_NL__2PRFIN20030901_100942_000000472019_00294_07863_9192.N1	01-SEP-2003 10:09:42	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	7863	No
195	GOM_NL__2PRFIN20030901_101224_000000372019_00294_07863_9193.N1	01-SEP-2003 10:12:24	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7863	No
196	GOM_NL__2PRFIN20030901_101657_000000592019_00294_07863_9194.N1	01-SEP-2003 10:16:57	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	7863	No
197	GOM_NL__2PRFIN20030901_101908_000000642019_00294_07863_9195.N1	01-SEP-2003 10:19:08	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	7863	No
198	GOM_NL__2PRFIN20030901_102218_000000992019_00294_07863_9196.N1	01-SEP-2003 10:22:18	Bright	99.000	79	26Bet Per	2.3100	13100.	198	7863	No
199	GOM_NL__2PRFIN20030901_102530_000000822019_00294_07863_9197.N1	01-SEP-2003 10:25:30	Bright	82.000	149	45Eps Per	2.8880	30000.	164	7863	No
200	GOM_NL__2PRFIN20030901_102809_000000462019_00294_07863_9198.N1	01-SEP-2003 10:28:09	Bright	45.500	107	37The Aur	2.6490	11000.	91	7863	No
201	GOM_NL__2PRFIN20030901_103025_000000402019_00294_07863_9199.N1	01-SEP-2003 10:30:25	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7863	No
202	GOM_NL__2PRFIN20030901_103158_000000662019_00294_07863_9200.N1	01-SEP-2003 10:31:58	Tw_i_and_stray	66.000	28	12Bet Tau	1.6500	15200.	132	7863	No
203	GOM_NL__2PRFIN20030901_103503_000000502019_00294_07863_9201.N1	01-SEP-2003 10:35:03	Tw_i_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	7863	No
204	GOM_NL__2PRFIN20030901_103705_000000432019_00294_07863_9202.N1	01-SEP-2003 10:37:05	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	7863	No
205	GOM_NL__2PRFIN20030901_103939_000000772019_00294_07863_9203.N1	01-SEP-2003 10:39:39	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7863	No
206	GOM_NL__2PRFIN20030901_104154_000000782019_00294_07863_9204.N1	01-SEP-2003 10:41:54	Dark	78.000	27	24Gam Ori	1.6360	26000.	156	7863	No
207	GOM_NL__2PRFIN20030901_104443_000000422019_00294_07863_9205.N1	01-SEP-2003 10:44:43	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	7863	No
208	GOM_NL__2PRFIN20030901_104601_000000432019_00294_07863_9206.N1	01-SEP-2003 10:46:01	Dark	42.500	179	24Omi2CMa	3.0320	24000.	85	7863	No
209	GOM_NL__2PRFIN20030901_104729_000000452019_00294_07863_9207.N1	01-SEP-2003 10:47:29	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	7863	No
210	GOM_NL__2PRFIN20030901_104901_000000422019_00294_07863_9208.N1	01-SEP-2003 10:49:01	Dark	42.000	70	Zet Pup	2.2460	39000.	84	7863	No
211	GOM_NL__2PRFIN20030901_105414_000000492019_00294_07863_9209.N1	01-SEP-2003 10:54:14	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	7863	No
212	GOM_NL__2PRFIN20030901_110437_000000382019_00295_07864_8953.N1	01-SEP-2003 11:04:37	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	7864	No
213	GOM_NL__2PRFIN20030901_111011_000000412019_00295_07864_8954.N1	01-SEP-2003 11:10:11	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7864	No
214	GOM_NL__2PRFIN20030901_111147_000000542019_00295_07864_8955.N1	01-SEP-2003 11:11:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7864	No
215	GOM_NL__2PRFIN20030901_111351_000000412019_00295_07864_8956.N1	01-SEP-2003 11:13:51	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	7864	No
216	GOM_NL__2PRFIN20030901_111755_000000492019_00295_07864_8957.N1	01-SEP-2003 11:17:55	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	7864	No
217	GOM_NL__2PRFIN20030901_112225_000000552019_00295_07864_8958.N1	01-SEP-2003 11:22:25	Dark	55.000	1014	Mars	0.0000	0.0000	110	7864	Yes
218	GOM_NL__2PRFIN20030901_112553_000000392019_00295_07864_8959.N1	01-SEP-2003 11:25:53	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7864	No
219	GOM_NL__2PRFIN20030901_112721_000000422019_00295_07864_8960.N1	01-SEP-2003 11:27:21	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	7864	No

220	GOM_NL__2PRFIN20030901_113021_000000412019_00295_07864_8961.N1	01-SEP-2003 11:30:21	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7864	No
221	GOM_NL__2PRFIN20030901_113316_000000482019_00295_07864_8962.N1	01-SEP-2003 11:33:16	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7864	No
222	GOM_NL__2PRFIN20030901_113713_000000392019_00295_07864_8963.N1	01-SEP-2003 11:37:13	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	7864	No
223	GOM_NL__2PRFIN20030901_113906_000000392019_00295_07864_8964.N1	01-SEP-2003 11:39:06	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	7864	No
224	GOM_NL__2PRFIN20030901_114024_000000402019_00295_07864_8965.N1	01-SEP-2003 11:40:24	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	7864	No
225	GOM_NL__2PRFIN20030901_114521_000000392019_00295_07864_8966.N1	01-SEP-2003 11:45:21	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	7864	No
226	GOM_NL__2PRFIN20030901_114810_000000452019_00295_07864_8967.N1	01-SEP-2003 11:48:10	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7864	No
227	GOM_NL__2PRFIN20030901_115018_000000452019_00295_07864_8968.N1	01-SEP-2003 11:50:18	Bright	44.500	76	27Gam Cas	2.3000	30000.	89	7864	No
228	GOM_NL__2PRFIN20030901_115301_000000382019_00295_07864_8969.N1	01-SEP-2003 11:53:01	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7864	No
229	GOM_NL__2PRFIN20030901_115732_000000572019_00295_07864_8970.N1	01-SEP-2003 11:57:32	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	7864	No
230	GOM_NL__2PRFIN20030901_115943_000000662019_00295_07864_8971.N1	01-SEP-2003 11:59:43	Bright	65.500	35	33Alp Per	1.7950	6250.0	131	7864	No
231	GOM_NL__2PRFIN20030901_120253_000001032019_00295_07864_8972.N1	01-SEP-2003 12:02:53	Bright	102.50	79	26Bet Per	2.3100	13100.	205	7864	No
232	GOM_NL__2PRFIN20030901_120605_000000812019_00295_07864_8973.N1	01-SEP-2003 12:06:05	Bright	80.500	149	45Eps Per	2.8880	30000.	161	7864	No
233	GOM_NL__2PRFIN20030901_120845_000000482019_00295_07864_8974.N1	01-SEP-2003 12:08:45	Bright	48.000	107	37The Aur	2.6490	11000.	96	7864	No
234	GOM_NL__2PRFIN20030901_121101_000000402019_00295_07864_8975.N1	01-SEP-2003 12:11:01	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	7864	No
235	GOM_NL__2PRFIN20030901_121235_000000682019_00295_07864_8976.N1	01-SEP-2003 12:12:35	Twilight	68.000	28	12Bet Tau	1.6500	15200.	136	7864	No
236	GOM_NL__2PRFIN20030901_121539_000000482019_00295_07864_8977.N1	01-SEP-2003 12:15:39	Twilight	47.500	44	24Gam Gem	1.9280	11000.	95	7864	No
237	GOM_NL__2PRFIN20030901_121741_000000412019_00295_07864_8978.N1	01-SEP-2003 12:17:41	Twilight	40.500	8	10Alp CMi	0.40000	6500.0	81	7864	No
238	GOM_NL__2PRFIN20030901_122016_000000772019_00295_07864_8979.N1	01-SEP-2003 12:20:16	Dark	77.000	14	58Alp Ori	0.87000	3000.0	154	7864	No
239	GOM_NL__2PRFIN20030901_122232_000000792019_00295_07864_8980.N1	01-SEP-2003 12:22:32	Dark	78.500	27	24Gam Ori	1.6360	26000.	157	7864	No
240	GOM_NL__2PRFIN20030901_122519_000000412019_00295_07864_8981.N1	01-SEP-2003 12:25:19	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	7864	No
241	GOM_NL__2PRFIN20030901_122638_000000432019_00295_07864_8982.N1	01-SEP-2003 12:26:38	Dark	43.000	179	24Omi2CMa	3.0320	24000.	86	7864	No
242	GOM_NL__2PRFIN20030901_122806_000000462019_00295_07864_8983.N1	01-SEP-2003 12:28:06	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	7864	No
243	GOM_NL__2PRFIN20030901_122937_000000382019_00295_07864_8984.N1	01-SEP-2003 12:29:37	Dark	38.000	70	Zet Pup	2.2460	39000.	76	7864	No
244	GOM_NL__2PRFIN20030901_123451_000000542019_00295_07864_8985.N1	01-SEP-2003 12:34:51	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7864	No
245	GOM_NL__2PRFIN20030901_124513_000000392019_00296_07865_9179.N1	01-SEP-2003 12:45:13	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	7865	No
246	GOM_NL__2PRFIN20030901_125047_000000472019_00296_07865_9180.N1	01-SEP-2003 12:50:47	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	7865	No
247	GOM_NL__2PRFIN20030901_125224_000000522019_00296_07865_9181.N1	01-SEP-2003 12:52:24	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	7865	No
248	GOM_NL__2PRFIN20030901_125427_000000422019_00296_07865_9182.N1	01-SEP-2003 12:54:27	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	7865	No
249	GOM_NL__2PRFIN20030901_125831_000000502019_00296_07865_9183.N1	01-SEP-2003 12:58:31	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	7865	No
250	GOM_NL__2PRFIN20030901_130301_000000522019_00296_07865_9184.N1	01-SEP-2003 13:03:01	Dark	52.000	1014	Mars	0.0000	0.0000	104	7865	Yes
251	GOM_NL__2PRFIN20030901_130629_000000402019_00296_07865_9185.N1	01-SEP-2003 13:06:29	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7865	No
252	GOM_NL__2PRFIN20030901_130757_000000432019_00296_07865_9186.N1	01-SEP-2003 13:07:57	Bright	42.500	162	34Alp Aqr	2.9440	5350.0	85	7865	No
253	GOM_NL__2PRFIN20030901_131057_000000392019_00296_07865_9187.N1	01-SEP-2003 13:10:57	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	7865	No
254	GOM_NL__2PRFIN20030901_131352_000000492019_00296_07865_9188.N1	01-SEP-2003 13:13:52	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	7865	No
255	GOM_NL__2PRFIN20030901_131749_000000402019_00296_07865_9189.N1	01-SEP-2003 13:17:49	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	7865	No
256	GOM_NL__2PRFIN20030901_131942_000000382019_00296_07865_9190.N1	01-SEP-2003 13:19:42	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	7865	No
257	GOM_NL__2PRFIN20030901_132100_000000362019_00296_07865_9191.N1	01-SEP-2003 13:21:00	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	7865	No
258	GOM_NL__2PRFIN20030901_132557_000000392019_00296_07865_9192.N1	01-SEP-2003 13:25:57	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7865	No
259	GOM_NL__2PRFIN20030901_132845_000000452019_00296_07865_9193.N1	01-SEP-2003 13:28:45	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	7865	No
260	GOM_NL__2PRFIN20030901_133053_000000462019_00296_07865_9194.N1	01-SEP-2003 13:30:53	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7865	No
261	GOM_NL__2PRFIN20030901_133336_000000372019_00296_07865_9195.N1	01-SEP-2003 13:33:36	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	7865	No
262	GOM_NL__2PRFIN20030901_133627_000000892019_00296_07865_9196.N1	01-SEP-2003 13:36:27	Bright	89.000	73	57Gam1And	2.2600	13100.	178	7865	No
263	GOM_NL__2PRFIN20030901_134001_000000382019_00296_07865_9197.N1	01-SEP-2003 13:40:01	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	7865	No
264	GOM_NL__2PRFIN20030901_134204_000000642019_00296_07865_9198.N1	01-SEP-2003 13:42:04	Bright	64.000	175	39Del Per	3.0100	19400.	128	7865	No
265	GOM_NL__2PRFIN20030901_134538_000000602019_00296_07865_9199.N1	01-SEP-2003 13:45:38	Bright	60.000	6	13Alp Aur	0.080000	3400.0	120	7865	No
266	GOM_NL__2PRFIN20030901_134921_000000462019_00296_07865_9200.N1	01-SEP-2003 13:49:21	Bright	46.000	107	37The Aur	2.6490	11000.	92	7865	No
267	GOM_NL__2PRFIN20030901_135137_000000402019_00296_07865_9201.N1	01-SEP-2003 13:51:37	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	7865	No
268	GOM_NL__2PRFIN20030901_135311_000000622019_00296_07865_9202.N1	01-SEP-2003 13:53:11	Twilight	61.500	28	12Bet Tau	1.6500	15200.	123	7865	No
269	GOM_NL__2PRFIN20030901_135616_000000452019_00296_07865_9203.N1	01-SEP-2003 13:56:16	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	7865	No
270	GOM_NL__2PRFIN20030901_135817_000000422019_00296_07865_9204.N1	01-SEP-2003 13:58:17	Twilight	42.000	8	10Alp CMi	0.40000	6500.0	84	7865	No
271	GOM_NL__2PRFIN20030901_140052_000000772019_00296_07865_9205.N1	01-SEP-2003 14:00:52	Dark	76.500	14	58Alp Ori	0.87000	3000.0	153	7865	No
272	GOM_NL__2PRFIN20030901_140309_000000812019_00296_07865_9206.N1	01-SEP-2003 14:03:09	Dark	80.500	27	24Gam Ori	1.6360	26000.	161	7865	No
273	GOM_NL__2PRFIN20030901_140557_000000532019_00296_07865_9207.N1	01-SEP-2003 14:05:57	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	7865	No
274	GOM_NL__2PRFIN20030901_140843_000000432019_00296_07865_9208.N1	01-SEP-2003 14:08:43	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	7865	No
275	GOM_NL__2PRFIN20030901_141013_000000392019_00296_07865_9209.N1	01-SEP-2003 14:10:13	Dark	38.500	70	Zet Pup	2.2460	39000.	77	7865	No
276	GOM_NL__2PRFIN20030901_141527_000000542019_00296_07865_9210.N1	01-SEP-2003 14:15:27	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7865	No
277	GOM_NL__2PRFIN20030901_142550_000000402019_00297_07866_9182.N1	01-SEP-2003 14:25:50	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	7866	No
278	GOM_NL__2PRFIN20030901_143124_000000412019_00297_07866_9183.N1	01-SEP-2003 14:31:24	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7866	No



279	GOM_NL__2PRFIN20030901_143301_000000532019_00297_07866_9184.N1	01-SEP-2003 14:33:01	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	7866	No
280	GOM_NL__2PRFIN20030901_143504_000000392019_00297_07866_9185.N1	01-SEP-2003 14:35:04	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	7866	No
281	GOM_NL__2PRFIN20030901_143908_000000472019_00297_07866_9186.N1	01-SEP-2003 14:39:08	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	7866	No
282	GOM_NL__2PRFIN20030901_144337_000000572019_00297_07866_9187.N1	01-SEP-2003 14:43:37	Dark	57.000	1014	Mars	0.0000	0.0000	114	7866	Yes
283	GOM_NL__2PRFIN20030901_144706_000000402019_00297_07866_9188.N1	01-SEP-2003 14:47:06	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	7866	No
284	GOM_NL__2PRFIN20030901_144833_000000402019_00297_07866_9189.N1	01-SEP-2003 14:48:33	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	7866	No
285	GOM_NL__2PRFIN20030901_145134_000000392019_00297_07866_9190.N1	01-SEP-2003 14:51:34	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	7866	No
286	GOM_NL__2PRFIN20030901_145427_000000492019_00297_07866_9191.N1	01-SEP-2003 14:54:27	Bright	48.500	90	54Alp Peg	2.4870	11000.	97	7866	No
287	GOM_NL__2PRFIN20030901_145822_000000412019_00297_07866_9192.N1	01-SEP-2003 14:58:22	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	7866	No
288	GOM_NL__2PRFIN20030901_150019_000000392019_00297_07866_9193.N1	01-SEP-2003 15:00:19	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7866	No
289	GOM_NL__2PRFIN20030901_150136_000000362019_00297_07866_9194.N1	01-SEP-2003 15:01:36	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	7866	No
290	GOM_NL__2PRFIN20030901_150633_000000352019_00297_07866_9195.N1	01-SEP-2003 15:06:33	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	7866	No
291	GOM_NL__2PRFIN20030901_150920_000000452019_00297_07866_9196.N1	01-SEP-2003 15:09:20	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	7866	No
292	GOM_NL__2PRFIN20030901_151128_000000462019_00297_07866_9197.N1	01-SEP-2003 15:11:28	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	7866	No
293	GOM_NL__2PRFIN20030901_151412_000000392019_00297_07866_9198.N1	01-SEP-2003 15:14:12	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	7866	No
294	GOM_NL__2PRFIN20030901_151700_000000912019_00297_07866_9199.N1	01-SEP-2003 15:17:00	Bright	90.500	73	57Gam1And	2.2600	13100.	181	7866	No
295	GOM_NL__2PRFIN20030901_152036_000000402019_00297_07866_9200.N1	01-SEP-2003 15:20:36	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	7866	No
296	GOM_NL__2PRFIN20030901_152238_000000652019_00297_07866_9201.N1	01-SEP-2003 15:22:38	Bright	64.500	175	39Del Per	3.0100	19400.	129	7866	No
297	GOM_NL__2PRFIN20030901_152613_000000622019_00297_07866_9202.N1	01-SEP-2003 15:26:13	Bright	61.500	6	13Alp Aur	0.080000	3400.0	123	7866	No
298	GOM_NL__2PRFIN20030901_152956_000000482019_00297_07866_9203.N1	01-SEP-2003 15:29:56	Bright	48.000	107	37The Aur	2.6490	11000.	96	7866	No
299	GOM_NL__2PRFIN20030901_153212_000000362019_00297_07866_9204.N1	01-SEP-2003 15:32:12	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	7866	No
300	GOM_NL__2PRFIN20030901_153347_000000682019_00297_07866_9205.N1	01-SEP-2003 15:33:47	Twilight	67.500	28	12Bet Tau	1.6500	15200.	135	7866	No
301	GOM_NL__2PRFIN20030901_153651_000000532019_00297_07866_9206.N1	01-SEP-2003 15:36:51	Twilight	53.000	44	24Gam Gem	1.9280	11000.	106	7866	No
302	GOM_NL__2PRFIN20030901_153854_000000482019_00297_07866_9207.N1	01-SEP-2003 15:38:54	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	7866	No
303	GOM_NL__2PRFIN20030901_154128_000000782019_00297_07866_9208.N1	01-SEP-2003 15:41:28	Dark	77.500	14	58Alp Ori	0.87000	3000.0	155	7866	No
304	GOM_NL__2PRFIN20030901_154345_000000802019_00297_07866_9209.N1	01-SEP-2003 15:43:45	Dark	79.500	27	24Gam Ori	1.6360	26000.	159	7866	No
305	GOM_NL__2PRFIN20030901_154633_000000552019_00297_07866_9210.N1	01-SEP-2003 15:46:33	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	7866	No
306	GOM_NL__2PRFIN20030901_154918_000000442019_00297_07866_9211.N1	01-SEP-2003 15:49:18	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	7866	No
307	GOM_NL__2PRFIN20030901_155049_000000402019_00297_07866_9212.N1	01-SEP-2003 15:50:49	Dark	39.500	70	Zet Pup	2.2460	39000.	79	7866	No
308	GOM_NL__2PRFIN20030901_155604_000000542019_00297_07866_9213.N1	01-SEP-2003 15:56:04	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	7866	No
309	GOM_NL__2PRFIN20030901_211726_000000412019_00301_07870_8325.N1	01-SEP-2003 21:17:26	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	7870	No
310	GOM_NL__2PRFIN20030901_212132_000000532019_00301_07870_8326.N1	01-SEP-2003 21:21:32	Straylight	52.500	18	24Alp PsA	1.1660	9700.0	105	7870	No
311	GOM_NL__2PRFIN20030901_212600_000000552019_00301_07870_8327.N1	01-SEP-2003 21:26:00	Dark	54.500	1014	Mars	0.0000	0.0000	109	7870	Yes
312	GOM_NL__2PRFIN20030901_212929_000000402019_00301_07870_8328.N1	01-SEP-2003 21:29:29	Bright	40.000	154	22Bet Aqr	2.8990	5700.0	80	7870	No
313	GOM_NL__2PRFIN20030901_213057_000000422019_00301_07870_8329.N1	01-SEP-2003 21:30:57	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7870	No
314	GOM_NL__2PRFIN20030901_213355_000000412019_00301_07870_8330.N1	01-SEP-2003 21:33:55	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	7870	No
315	GOM_NL__2PRFIN20030901_213647_000000492019_00301_07870_8331.N1	01-SEP-2003 21:36:47	Bright	49.000	90	54Alp Peg	2.4870	11000.	98	7870	No
316	GOM_NL__2PRFIN20030901_214049_000000372019_00301_07870_8332.N1	01-SEP-2003 21:40:49	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	7870	No
317	GOM_NL__2PRFIN20030901_214242_000000392019_00301_07870_8333.N1	01-SEP-2003 21:42:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	7870	No
318	GOM_NL__2PRFIN20030901_214359_000000392019_00301_07870_8334.N1	01-SEP-2003 21:43:59	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	7870	No
319	GOM_NL__2PRFIN20030901_214856_000000392019_00301_07870_8335.N1	01-SEP-2003 21:48:56	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	7870	No
320	GOM_NL__2PRFIN20030901_215140_000000432019_00301_07870_8336.N1	01-SEP-2003 21:51:40	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	7870	No
321	GOM_NL__2PRFIN20030901_215349_000000472019_00301_07870_8337.N1	01-SEP-2003 21:53:49	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	7870	No
322	GOM_NL__2PRFIN20030901_215635_000000402019_00301_07870_8338.N1	01-SEP-2003 21:56:35	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	7870	No
323	GOM_NL__2PRFIN20030901_215917_000000942019_00301_07870_8339.N1	01-SEP-2003 21:59:17	Bright	94.000	73	57Gam1And	2.2600	13100.	188	7870	No
324	GOM_NL__2PRFIN20030901_220301_000000382019_00301_07870_8340.N1	01-SEP-2003 22:03:01	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	7870	No
325	GOM_NL__2PRFIN20030901_220423_000000362019_00301_07870_8341.N1	01-SEP-2003 22:04:23	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	7870	No
326	GOM_NL__2PRFIN20030901_220620_000000962019_00301_07870_8342.N1	01-SEP-2003 22:06:20	Bright	95.500	79	26Bet Per	2.3100	13100.	191	7870	No
327	GOM_NL__2PRFIN20030901_220928_000000492019_00301_07870_8343.N1	01-SEP-2003 22:09:28	Bright	49.000	42	34Bet Aur	1.9000	10200.	98	7870	No
328	GOM_NL__2PRFIN20030901_221334_000000422019_00301_07870_8344.N1	01-SEP-2003 22:13:34	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	7870	No
329	GOM_NL__2PRFIN20030901_221611_000000702019_00301_07870_8345.N1	01-SEP-2003 22:16:11	Twilight	69.500	28	12Bet Tau	1.6500	15200.	139	7870	No
330	GOM_NL__2PRFIN20030901_221916_000000542019_00301_07870_8346.N1	01-SEP-2003 22:19:16	Twilight	54.000	44	24Gam Gem	1.9280	11000.	108	7870	No
331	GOM_NL__2PRFIN20030901_222118_000000502019_00301_07870_8347.N1	01-SEP-2003 22:21:18	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	7870	No
332	GOM_NL__2PRFIN20030901_222355_000000692019_00301_07870_8348.N1	01-SEP-2003 22:23:55	Dark	69.000	14	58Alp Ori	0.87000	3000.0	138	7870	No
333	GOM_NL__2PRFIN20030901_222614_000000812019_00301_07870_8349.N1	01-SEP-2003 22:26:14	Dark	81.000	27	24Gam Ori	1.6360	26000.	162	7870	No
334	GOM_NL__2PRFIN20030901_222900_000000592019_00301_07870_8350.N1	01-SEP-2003 22:29:00	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	7870	No
335	GOM_NL__2PRFIN20030901_223144_000000492019_00301_07870_8351.N1	01-SEP-2003 22:31:44	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	7870	No
336	GOM_NL__2PRFIN20030901_223828_000000542019_00301_07870_8352.N1	01-SEP-2003 22:38:28	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	7870	No
337	GOM_NL__2PRFIN20030901_224848_000000412019_00302_07871_8981.N1	01-SEP-2003 22:48:48	Dark	40.500	135	Bet Hyi	2.8200	5800.0	81	7871	No

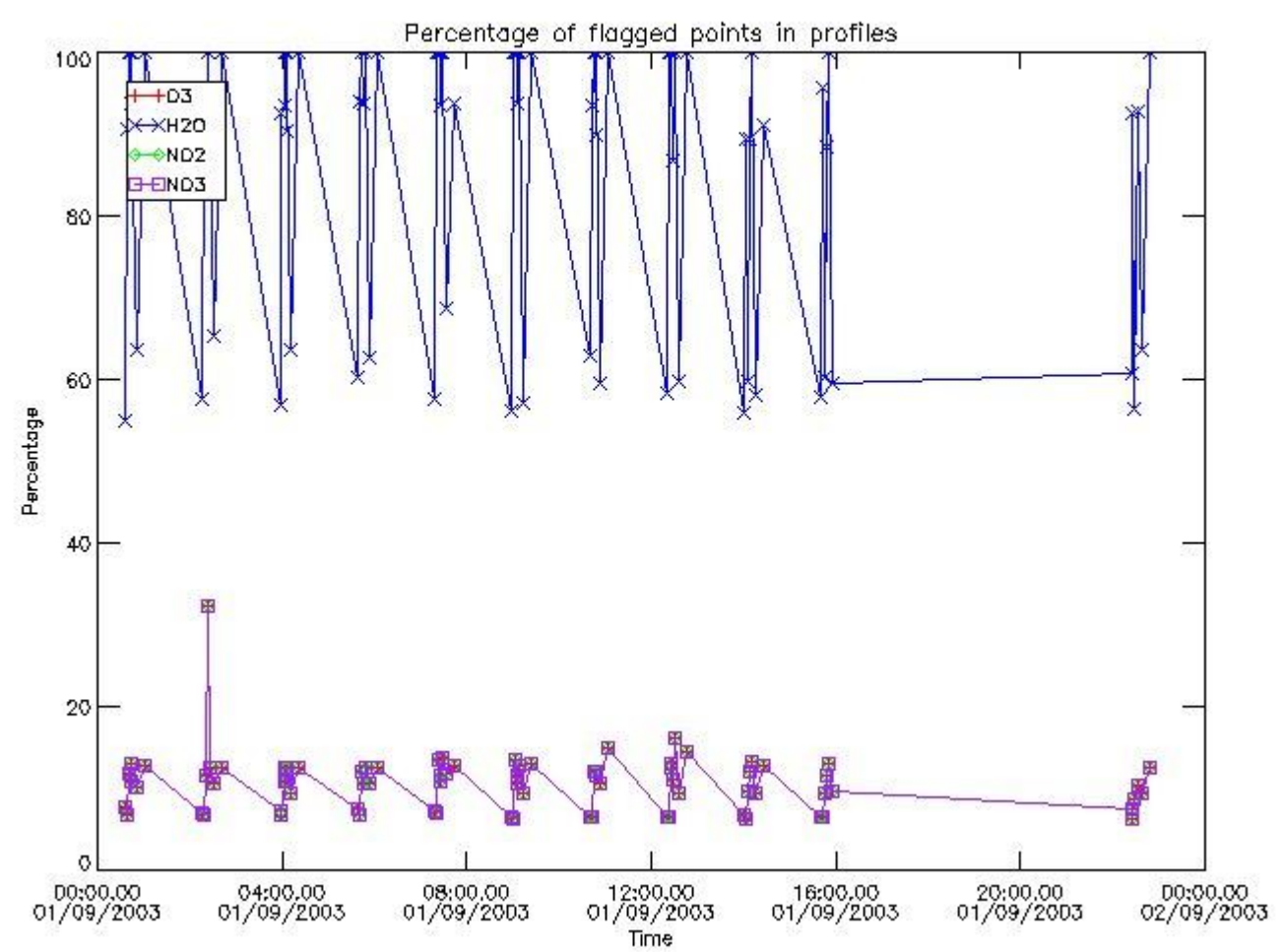


338	GOM_NL__2PRFIN20030901_225423_000000412019_00302_07871_8982.N1	01-SEP-2003 22:54:23	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7871	No
339	GOM_NL__2PRFIN20030901_225602_000000492019_00302_07871_8983.N1	01-SEP-2003 22:56:02	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	7871	No
340	GOM_NL__2PRFIN20030901_225803_000000442019_00302_07871_8984.N1	01-SEP-2003 22:58:03	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	7871	No
341	GOM_NL__2PRFIN20030901_230207_000000502019_00302_07871_8985.N1	01-SEP-2003 23:02:07	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	7871	No
342	GOM_NL__2PRFIN20030901_230636_000000572019_00302_07871_8986.N1	01-SEP-2003 23:06:36	Dark	57.000	1014	Mars	0.0000	0.0000	114	7871	Yes
343	GOM_NL__2PRFIN20030901_231005_000000392019_00302_07871_8987.N1	01-SEP-2003 23:10:05	Bright	39.000	154	22Bet Aqr	2.8990	5700.0	78	7871	No
344	GOM_NL__2PRFIN20030901_231132_000000422019_00302_07871_8988.N1	01-SEP-2003 23:11:32	Bright	42.000	162	34Alp Aqr	2.9440	5350.0	84	7871	No
345	GOM_NL__2PRFIN20030901_231431_000000402019_00302_07871_8989.N1	01-SEP-2003 23:14:31	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	7871	No
346	GOM_NL__2PRFIN20030901_231723_000000482019_00302_07871_8990.N1	01-SEP-2003 23:17:23	Bright	47.500	90	54Alp Peg	2.4870	11000.	95	7871	No
347	GOM_NL__2PRFIN20030901_232125_000000372019_00302_07871_8991.N1	01-SEP-2003 23:21:25	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	7871	No
348	GOM_NL__2PRFIN20030901_232316_000000412019_00302_07871_8992.N1	01-SEP-2003 23:23:16	Bright	40.500	66	37Gam Cyg	2.2080	5900.0	81	7871	No
349	GOM_NL__2PRFIN20030901_232435_000000402019_00302_07871_8993.N1	01-SEP-2003 23:24:35	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	7871	No
350	GOM_NL__2PRFIN20030901_232932_000000362019_00302_07871_8994.N1	01-SEP-2003 23:29:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	7871	No
351	GOM_NL__2PRFIN20030901_233216_000000452019_00302_07871_8995.N1	01-SEP-2003 23:32:16	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	7871	No
352	GOM_NL__2PRFIN20030901_233424_000000432019_00302_07871_8996.N1	01-SEP-2003 23:34:24	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	7871	No
353	GOM_NL__2PRFIN20030901_233711_000000392019_00302_07871_8997.N1	01-SEP-2003 23:37:11	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	7871	No
354	GOM_NL__2PRFIN20030901_233951_000000892019_00302_07871_8998.N1	01-SEP-2003 23:39:51	Bright	88.500	73	57Gam1And	2.2600	13100.	177	7871	No
355	GOM_NL__2PRFIN20030901_234337_000000392019_00302_07871_8999.N1	01-SEP-2003 23:43:37	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	7871	No
356	GOM_NL__2PRFIN20030901_234459_000000432019_00302_07871_9000.N1	01-SEP-2003 23:44:59	Bright	43.000	82	48Bet UMa	2.3650	10600.	86	7871	No
357	GOM_NL__2PRFIN20030901_234655_000001012019_00302_07871_9001.N1	01-SEP-2003 23:46:55	Bright	100.50	79	26Bet Per	2.3100	13100.	201	7871	No
358	GOM_NL__2PRFIN20030901_235004_000000492019_00302_07871_9002.N1	01-SEP-2003 23:50:04	Bright	48.500	42	34Bet Aur	1.9000	10200.	97	7871	No
359	GOM_NL__2PRFIN20030901_235410_000000492019_00302_07871_9003.N1	01-SEP-2003 23:54:10	Bright	49.000	24	66Alp Gem	1.5800	10200.	98	7871	No
360	GOM_NL__2PRFIN20030901_235648_000000712019_00302_07871_9004.N1	01-SEP-2003 23:56:48	Tw_i_and_stray	70.500	28	12Bet Tau	1.6500	15200.	141	7871	No
361	GOM_NL__2PRFIN20030901_235953_000000522019_00302_07871_9005.N1	01-SEP-2003 23:59:53	Tw_i_and_stray	52.000	44	24Gam Gem	1.9280	11000.	104	7871	No

### 3. Quality information per product

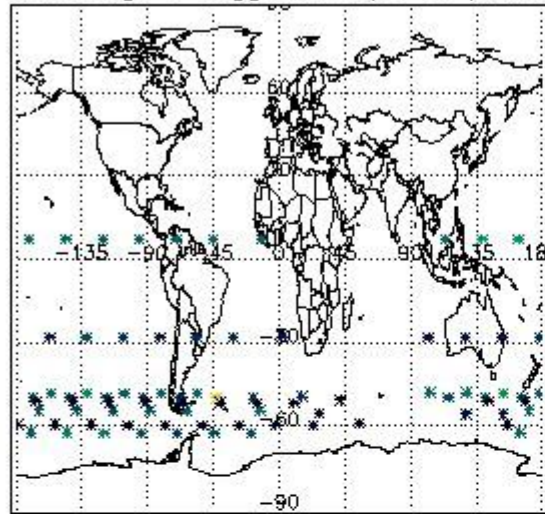
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

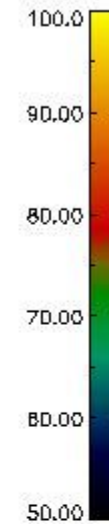
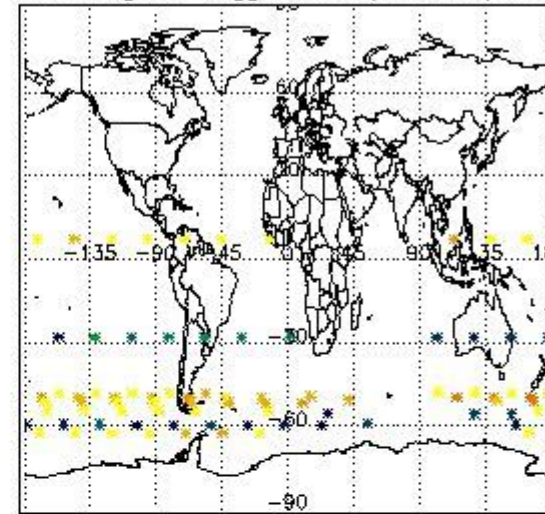


3.2 Plot quality information per product (world map)

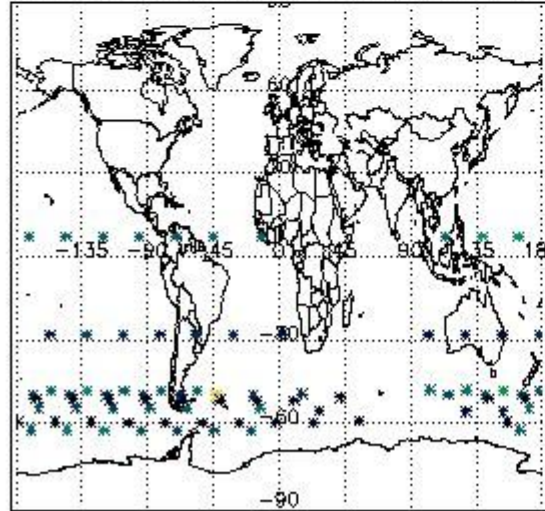
Percentage of flagged data per O3 profile



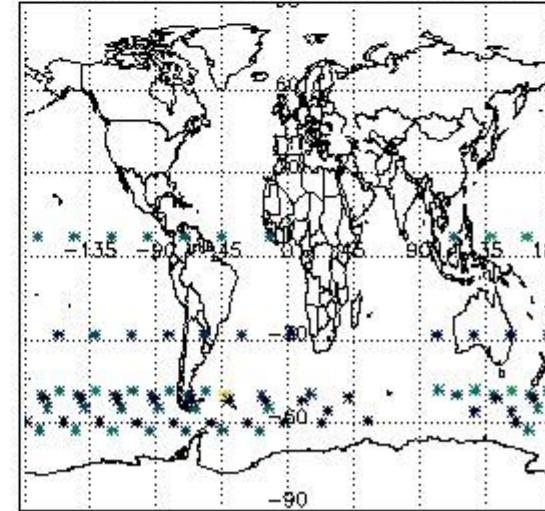
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

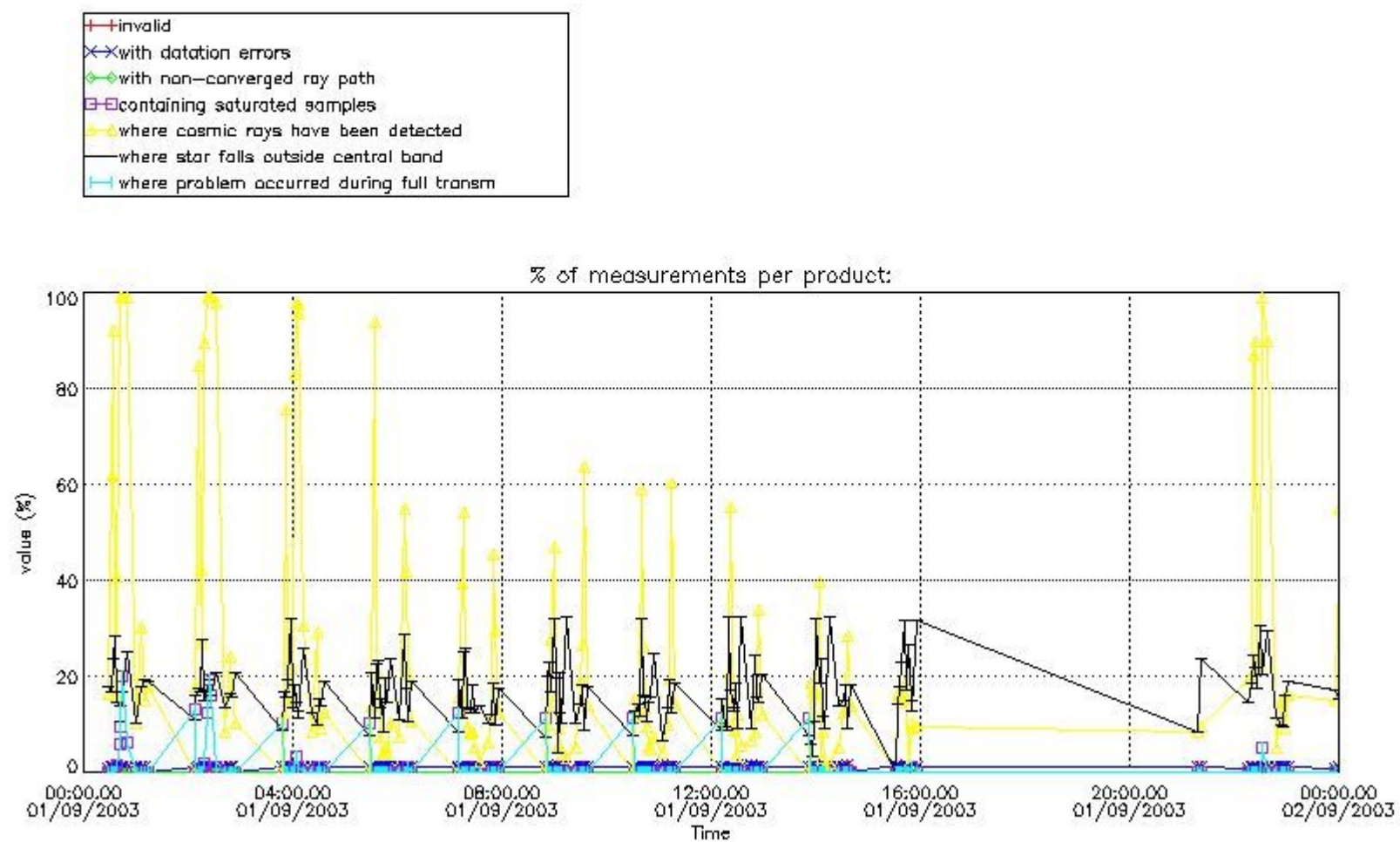


#### 4. Level 1 quality information per product

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.

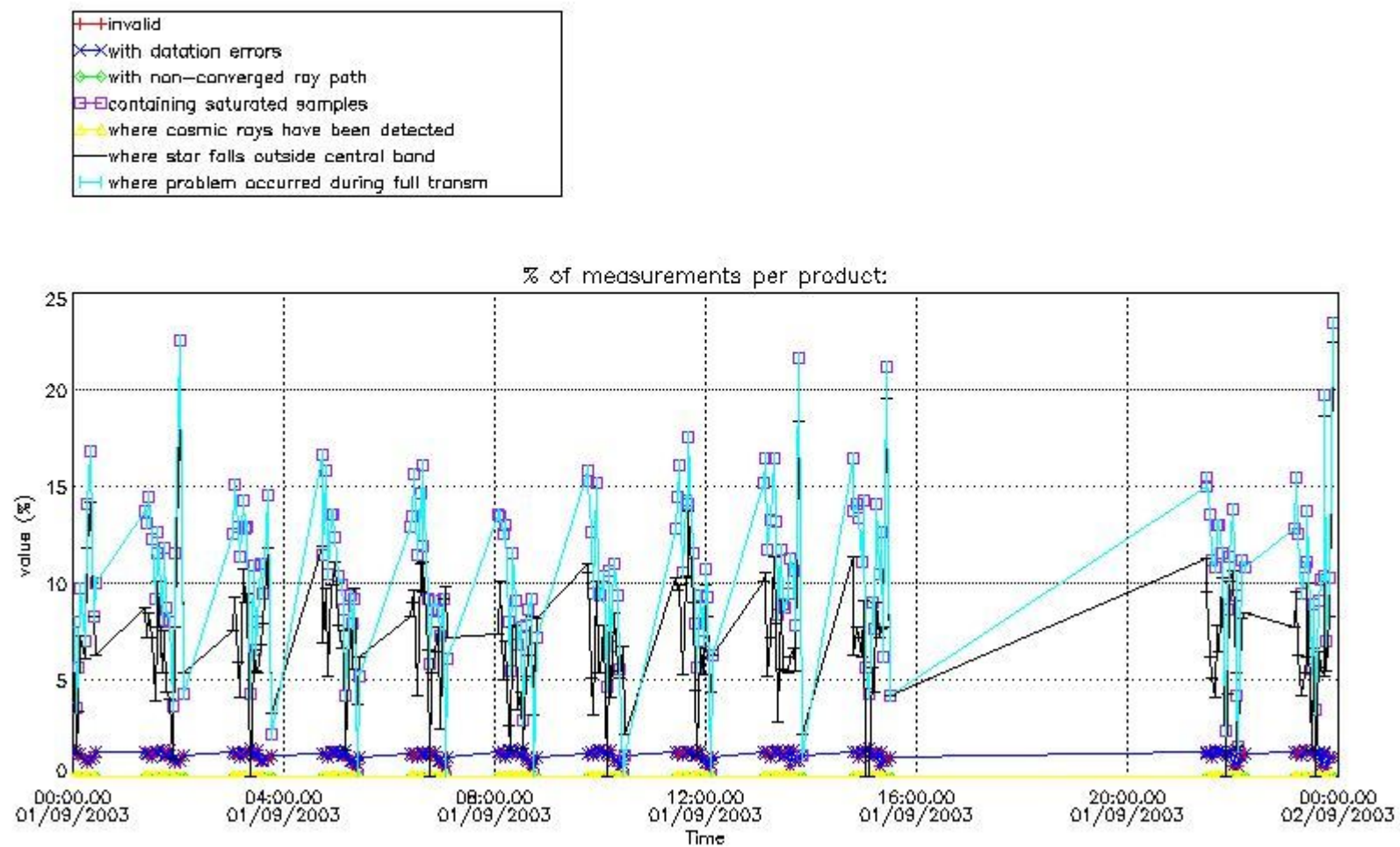
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



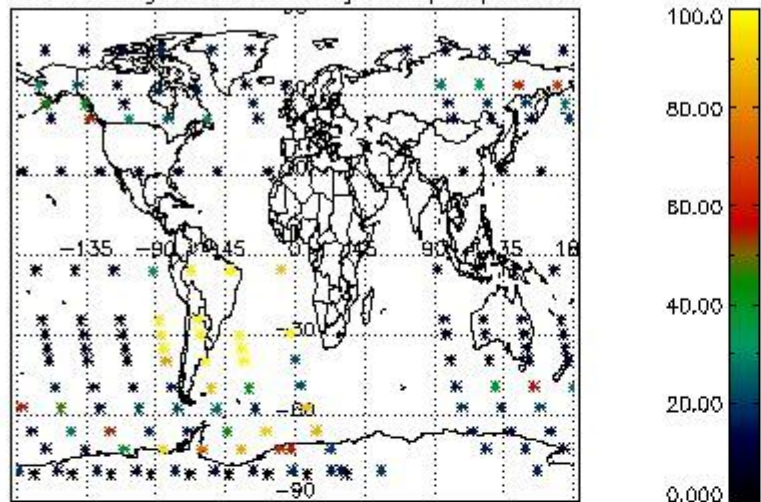
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



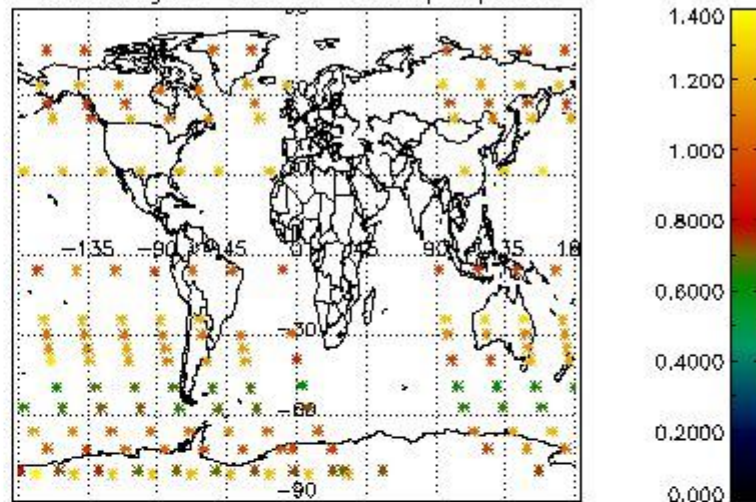


4.2 Plot quality information per product coming from level 1b processing (world map)  
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

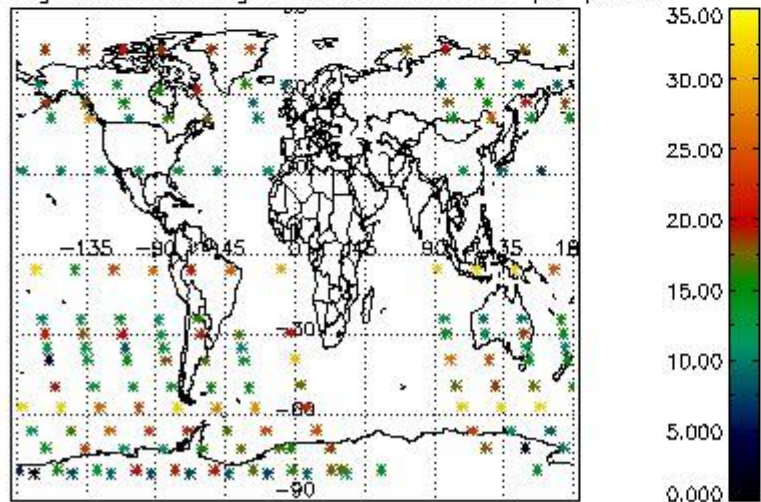
Percentage of cosmic ray hits per profile



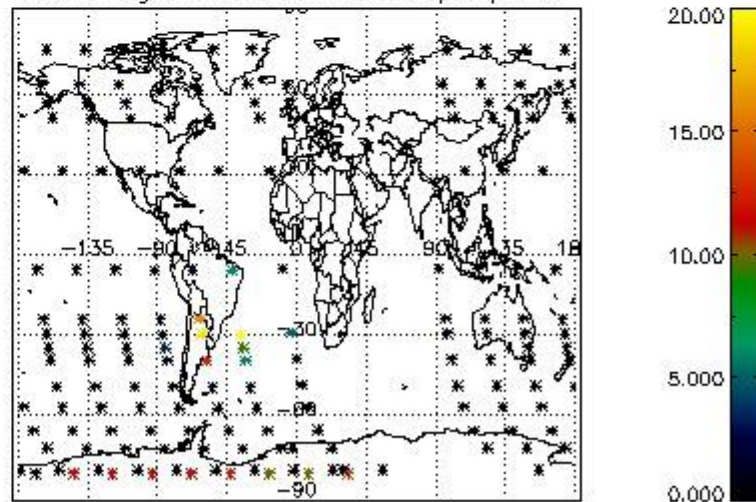
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

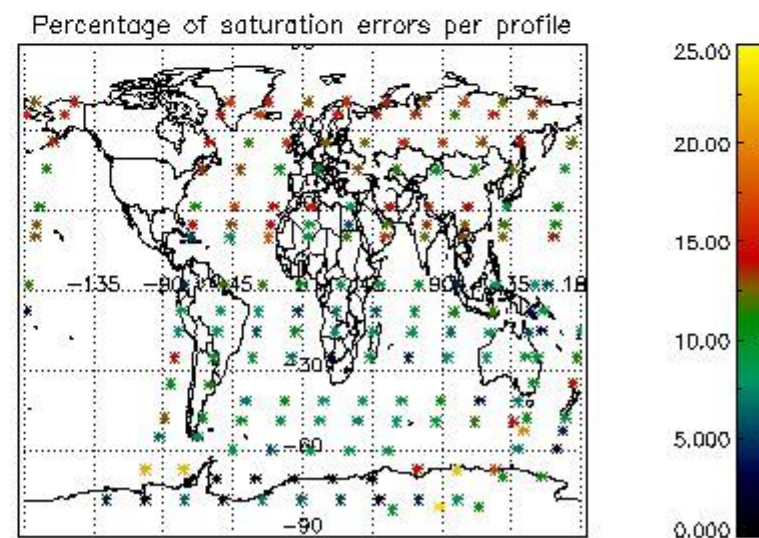
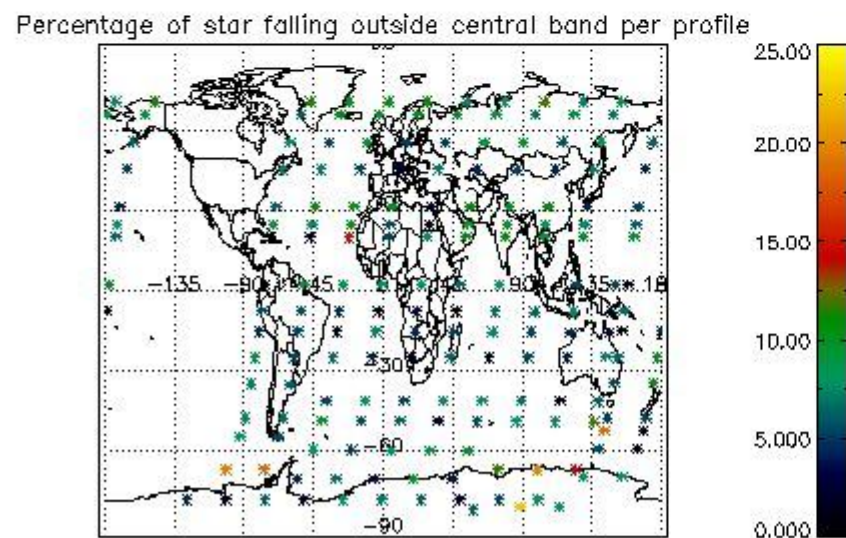
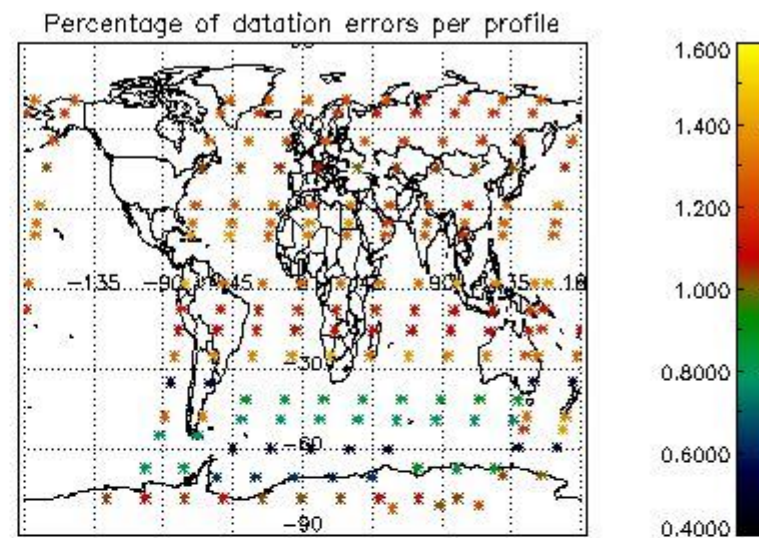
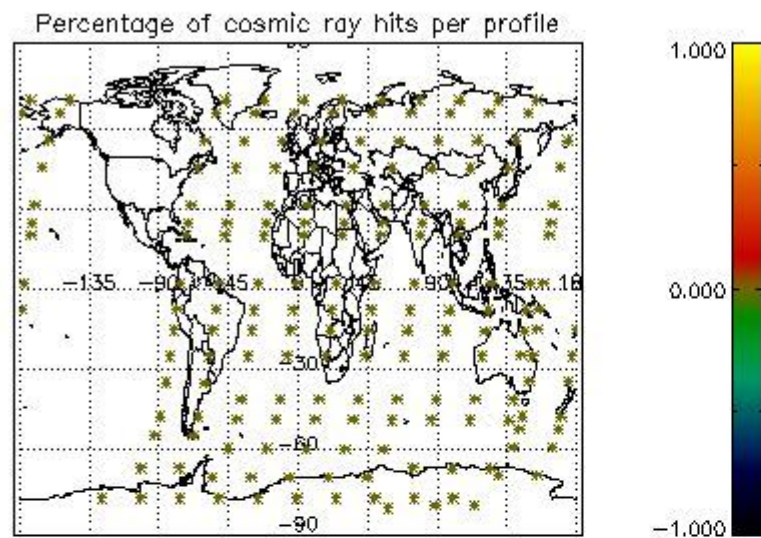


Percentage of saturation errors per profile



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

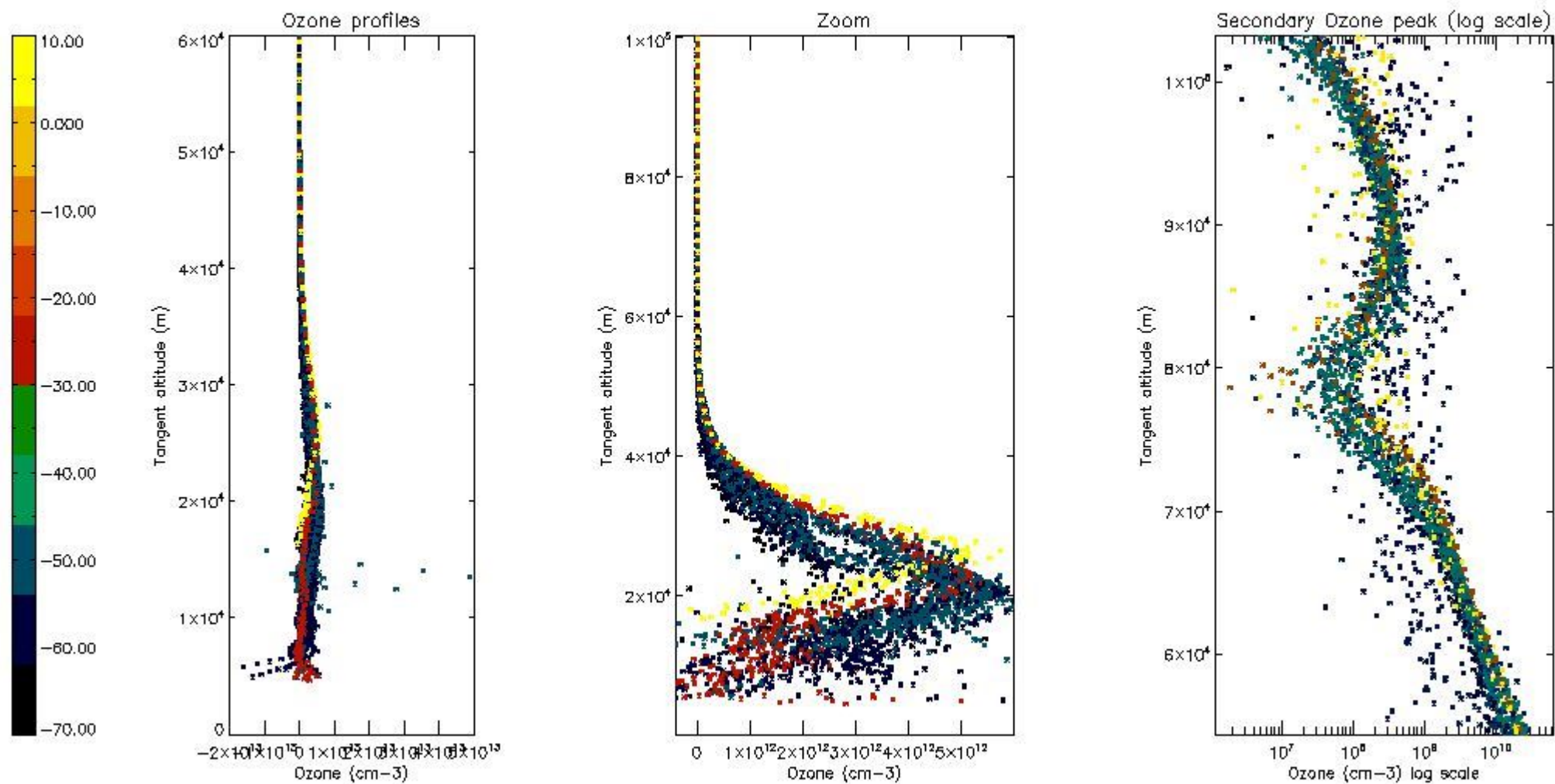
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	15

STD < 10	13
STD < 5	9

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

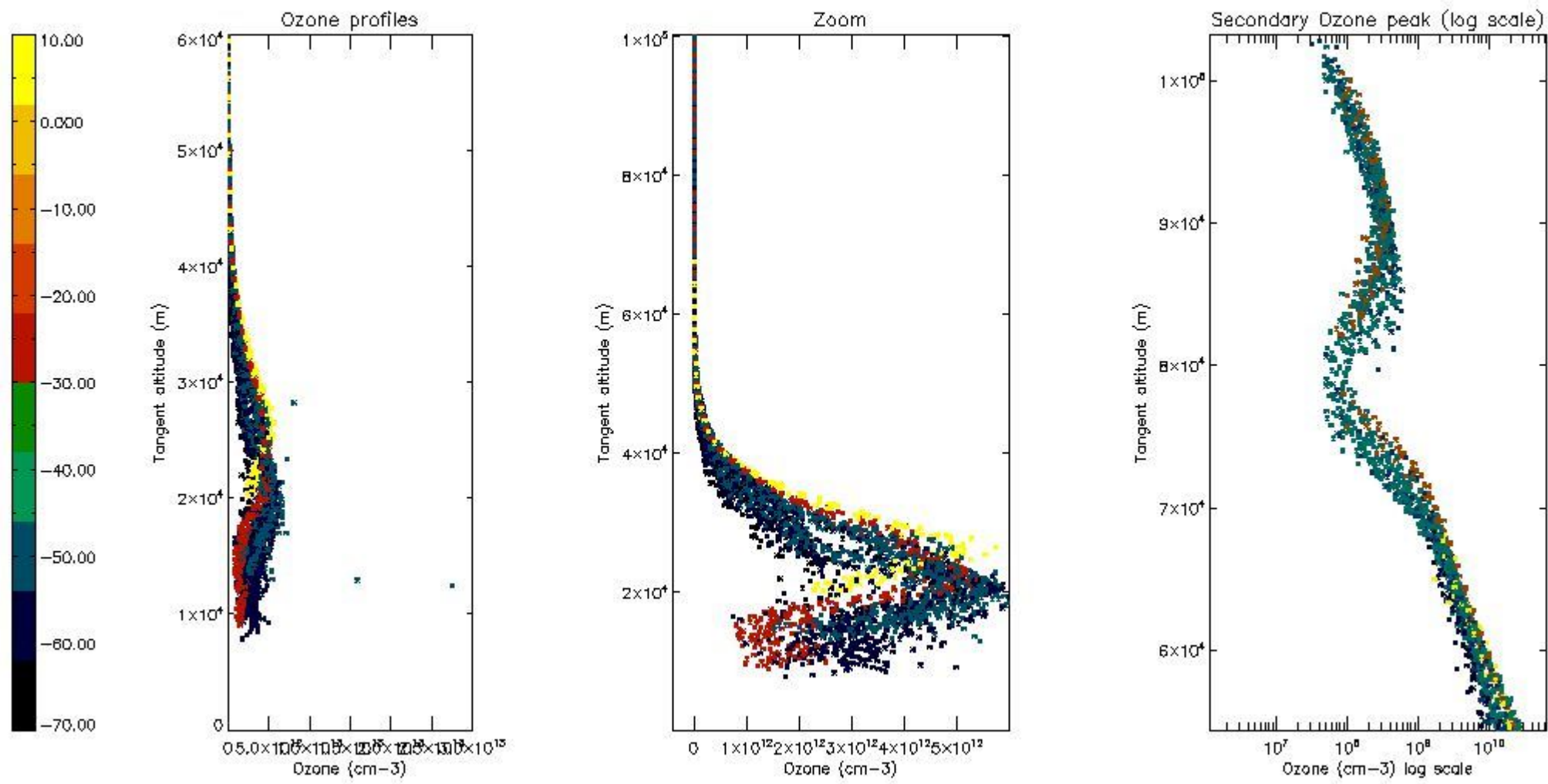
The colorbar represents the latitude.



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

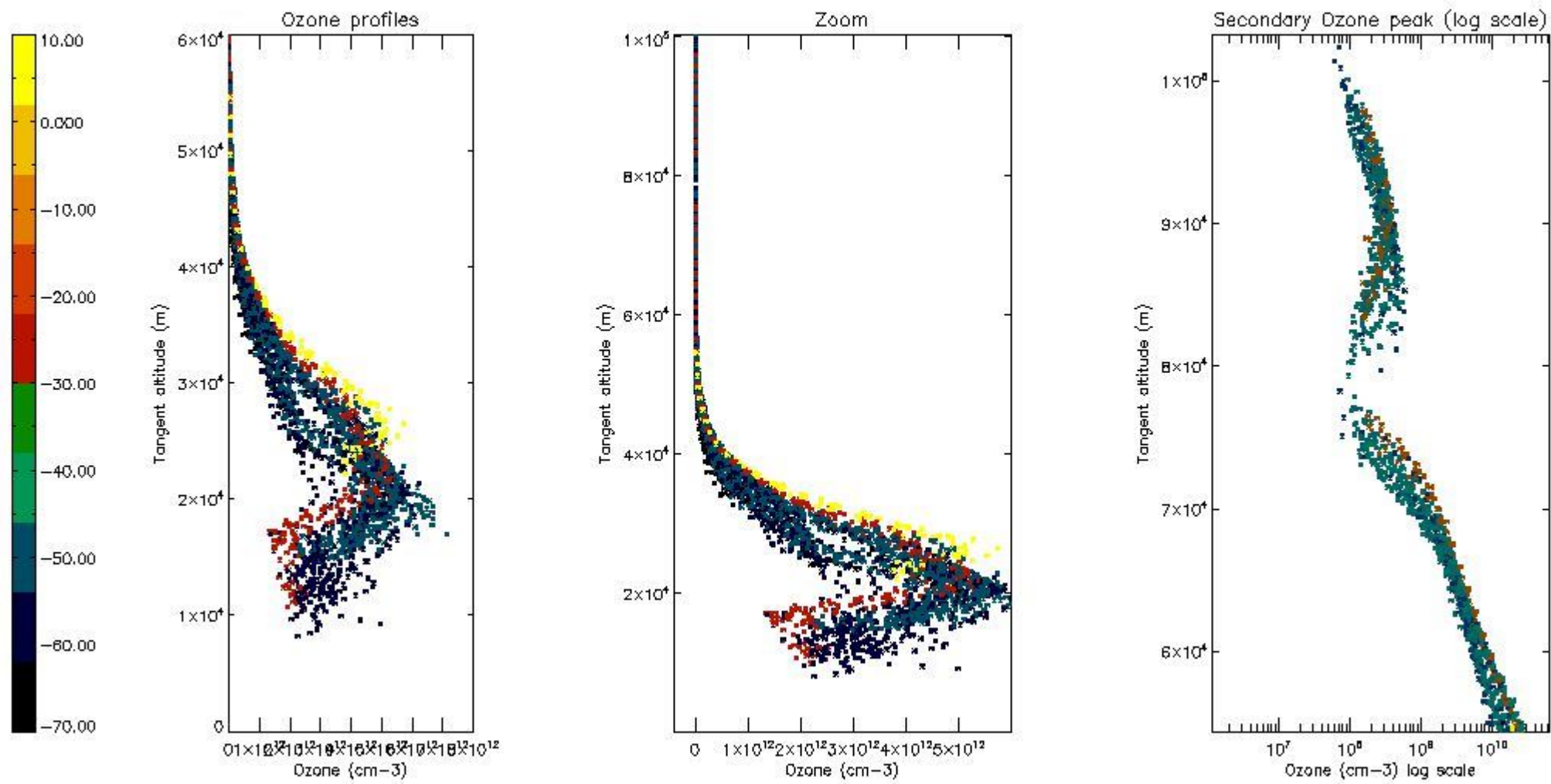
The colorbar represents the latitude.





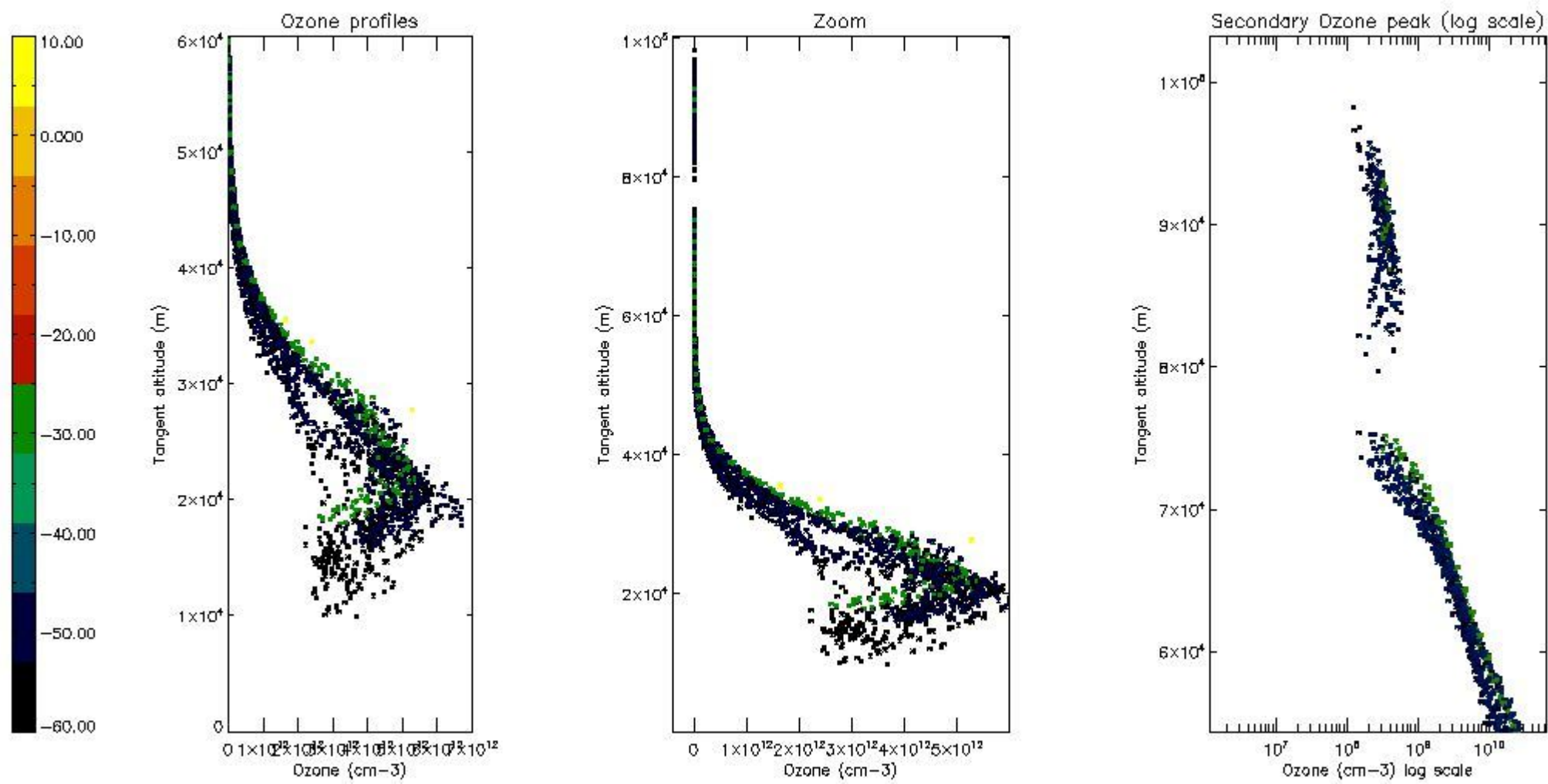
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



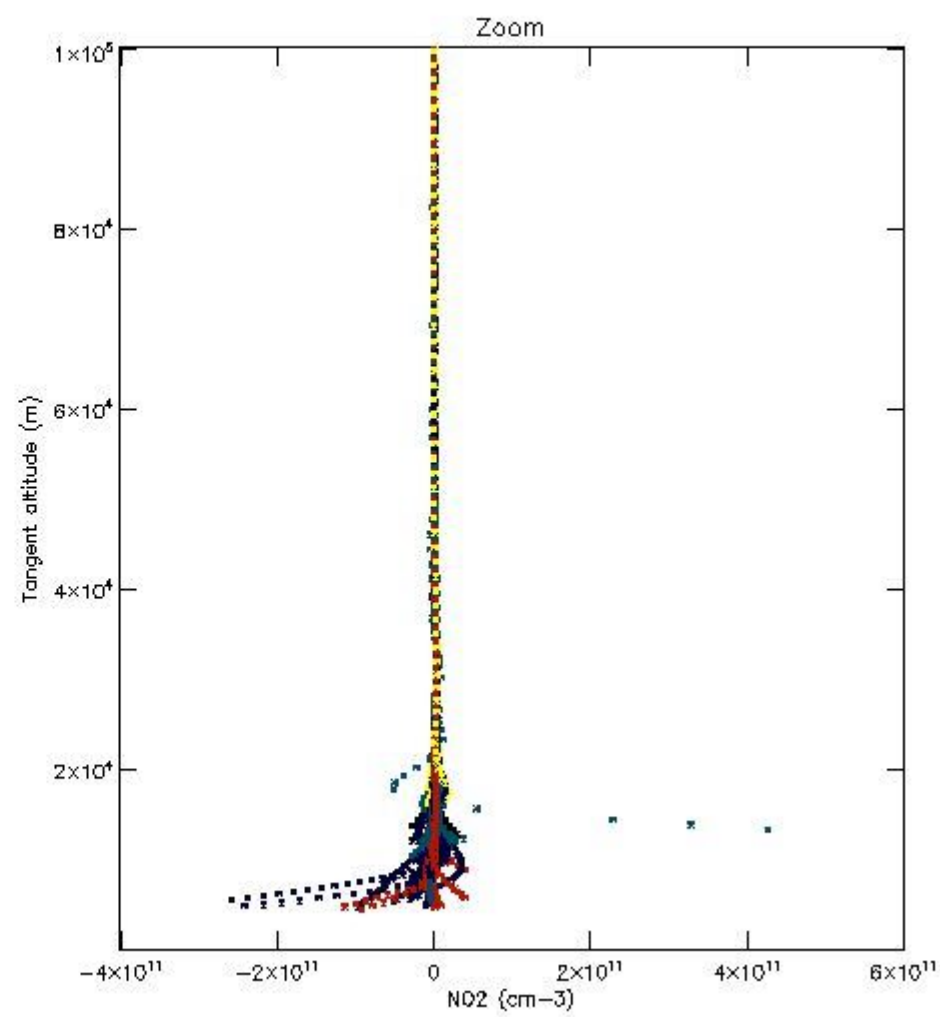
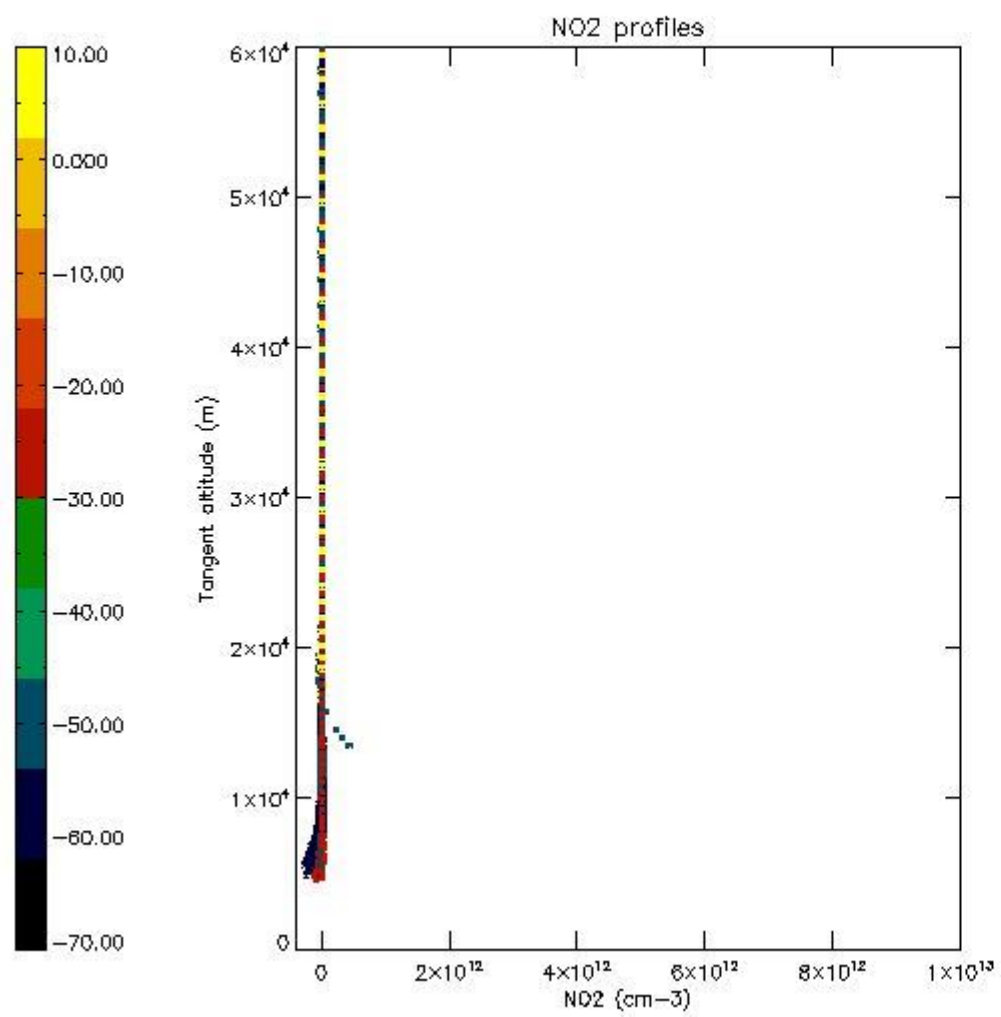
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

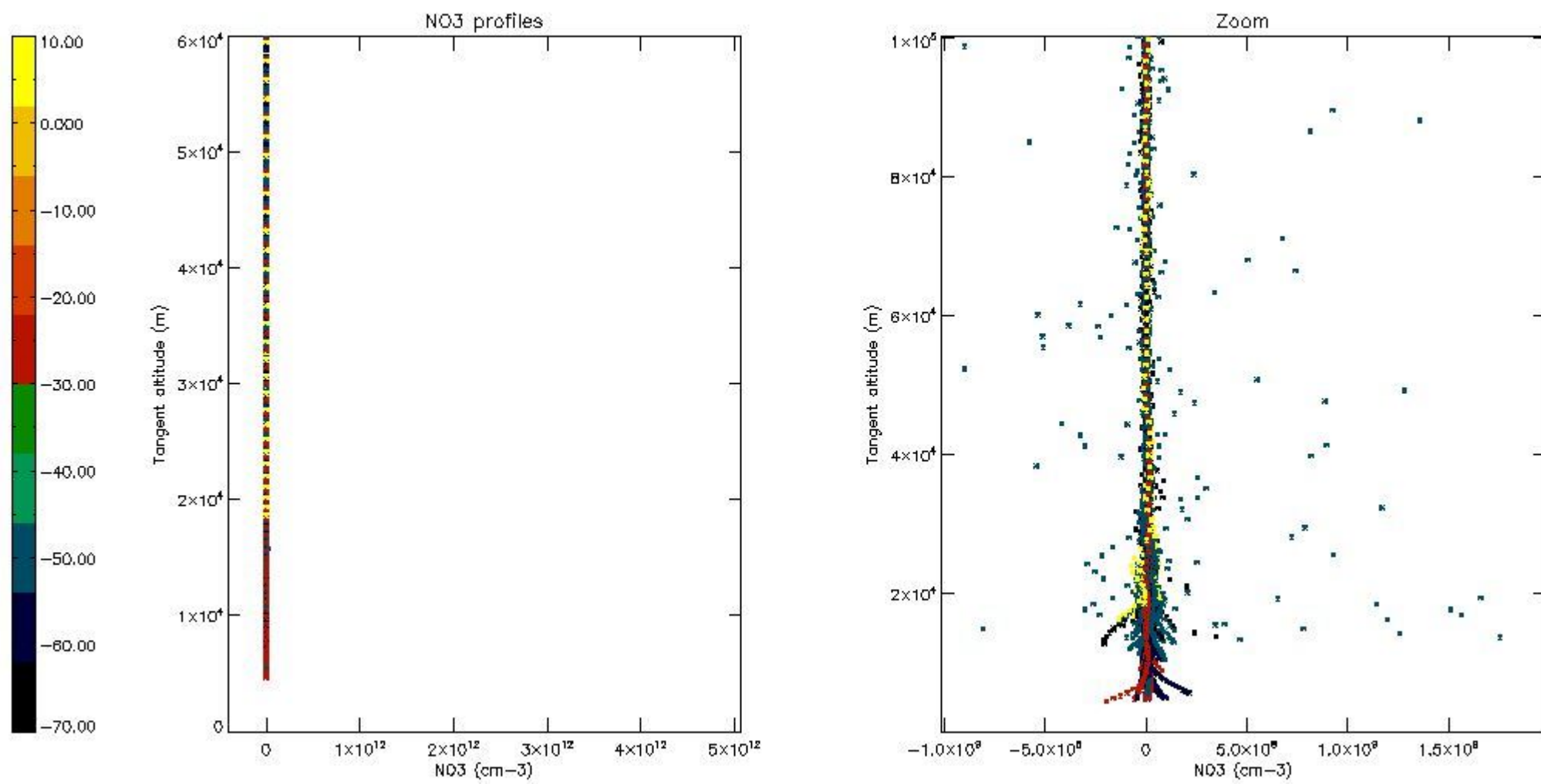
The colorbar represents the latitude.



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

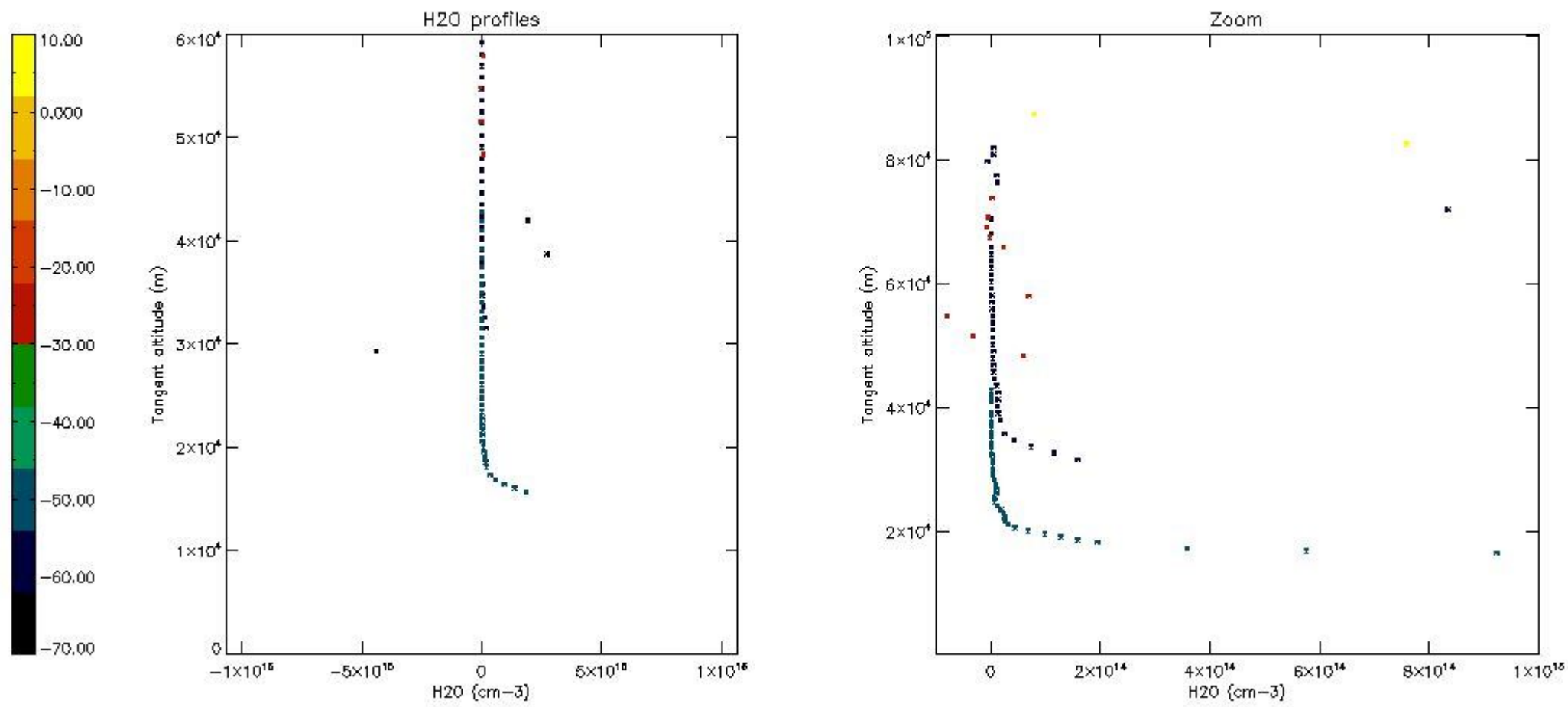
The colorbar represents the latitude.





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

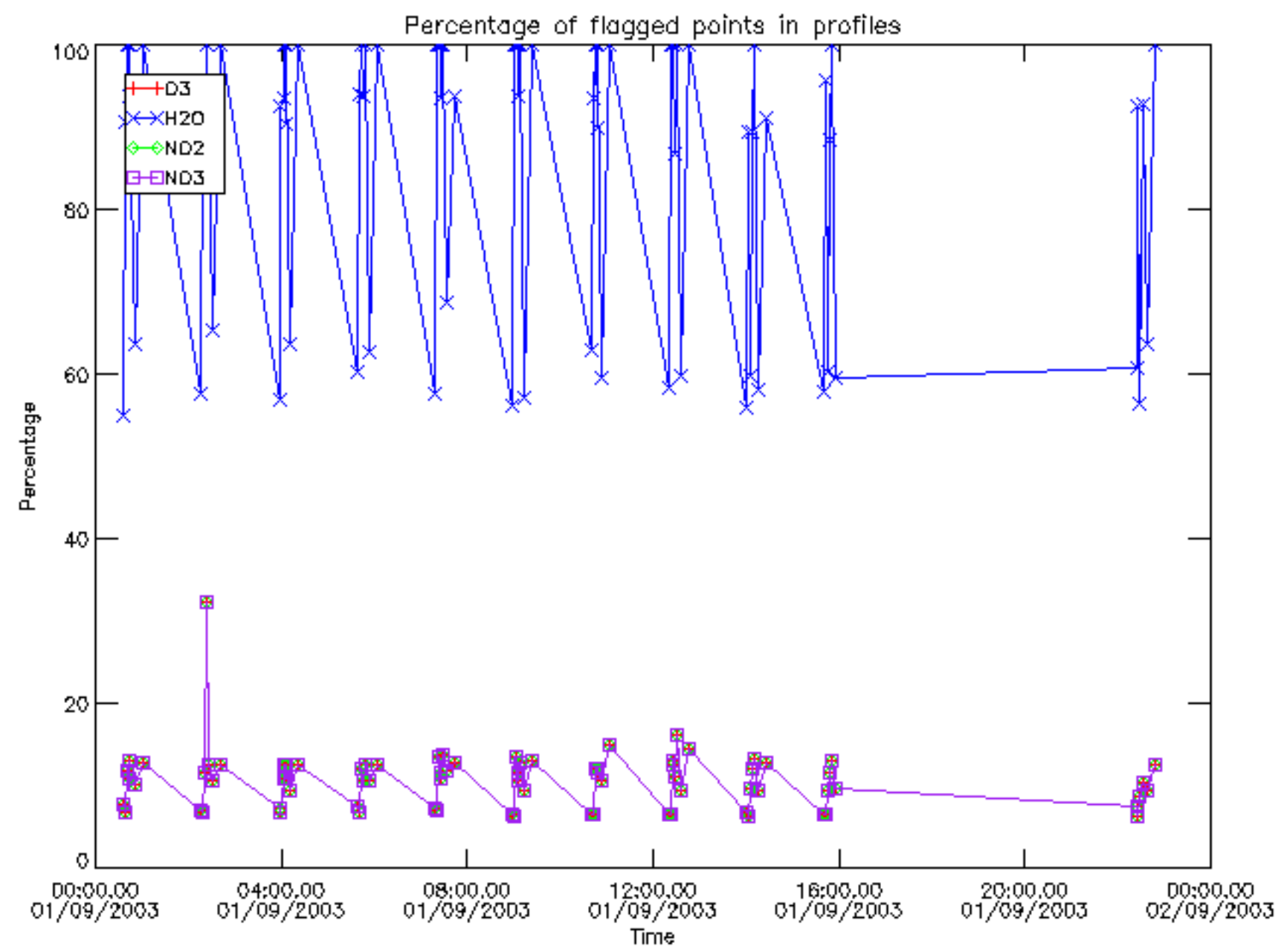
The colorbar represents the latitude.



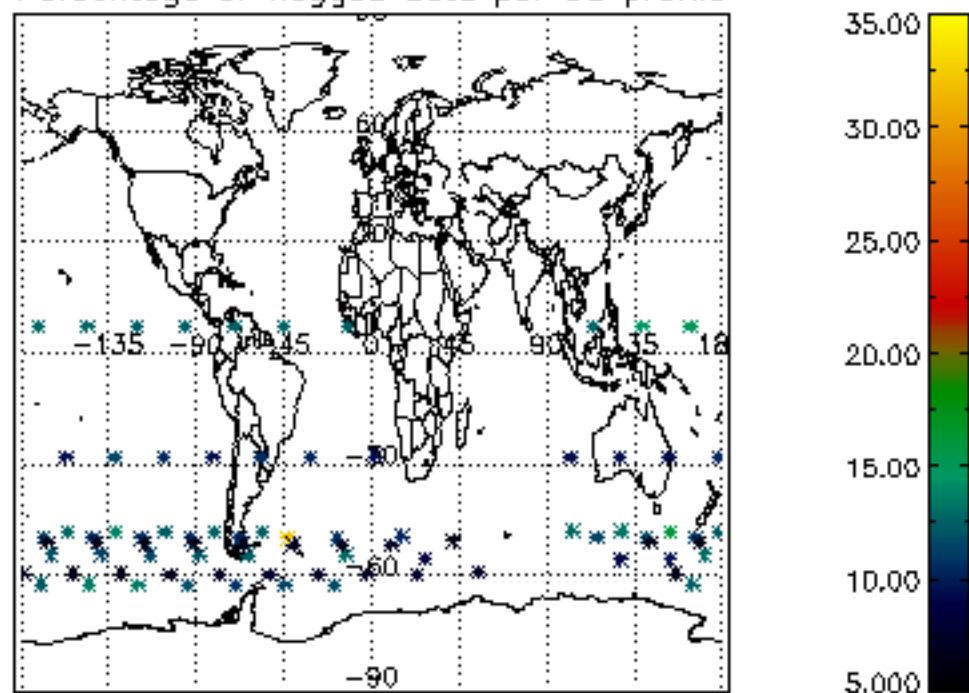
## 6. Auxiliary Data Files used for the production reported in section 2

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

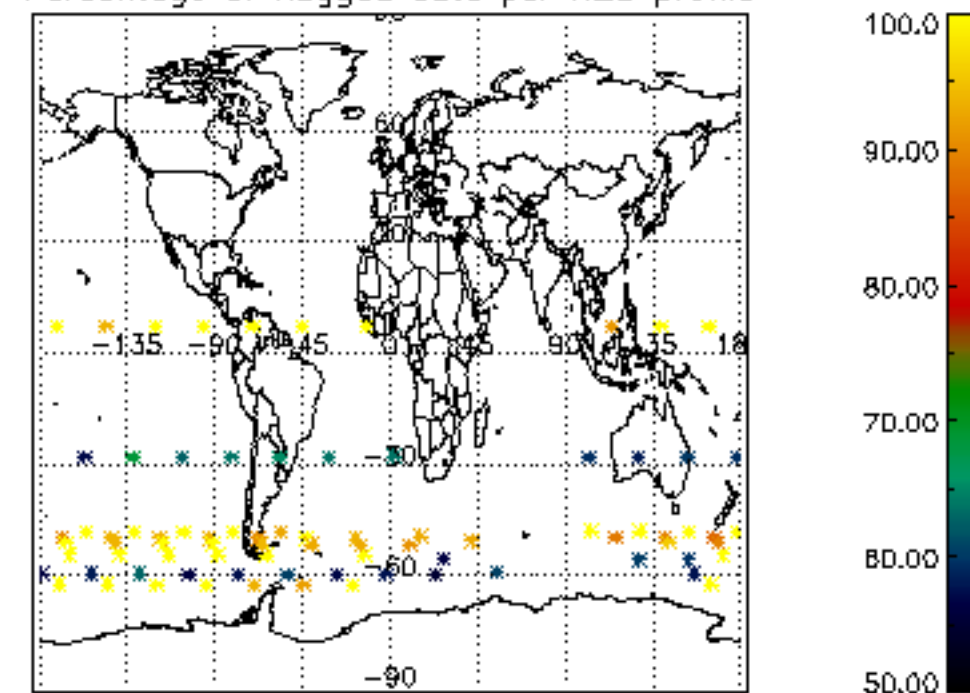
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-SEP-2003 00:01:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-SEP-2003 00:01:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-SEP-2003 00:01:11



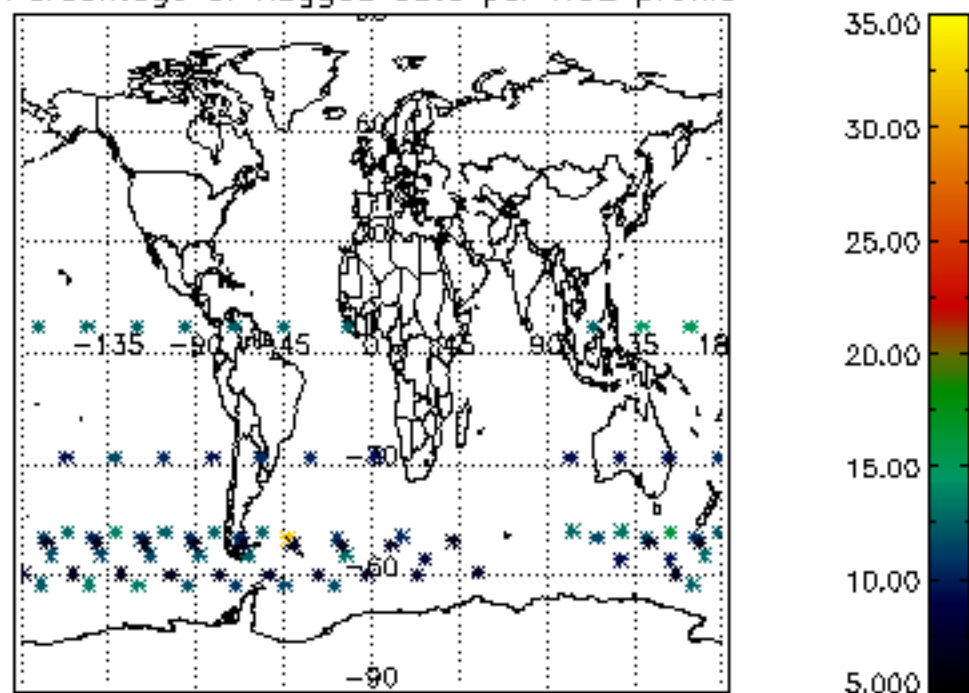
Percentage of flagged data per D3 profile



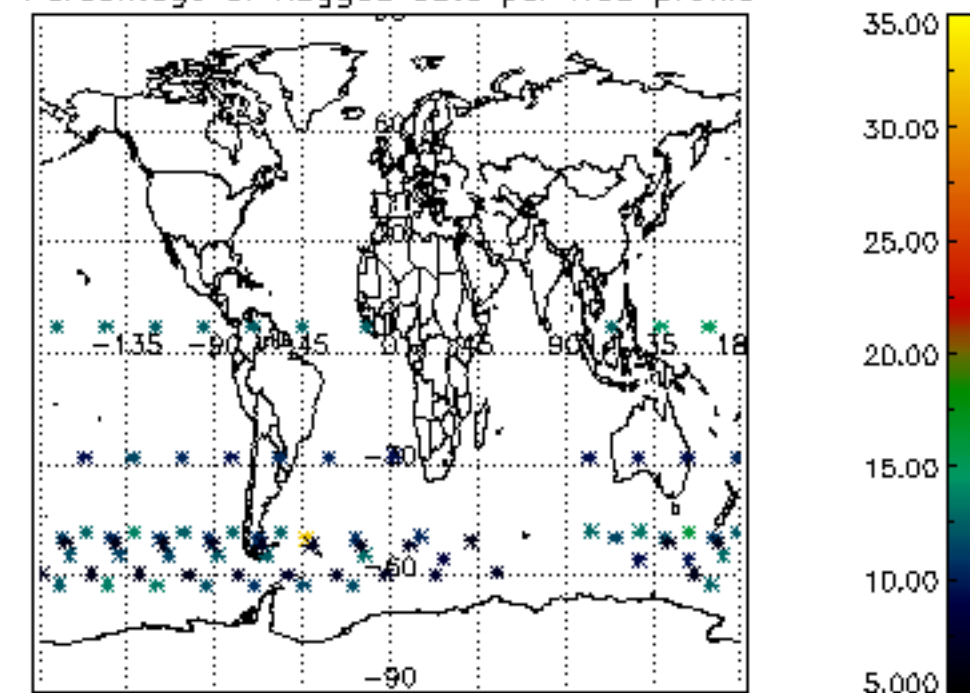
Percentage of flagged data per H2O profile



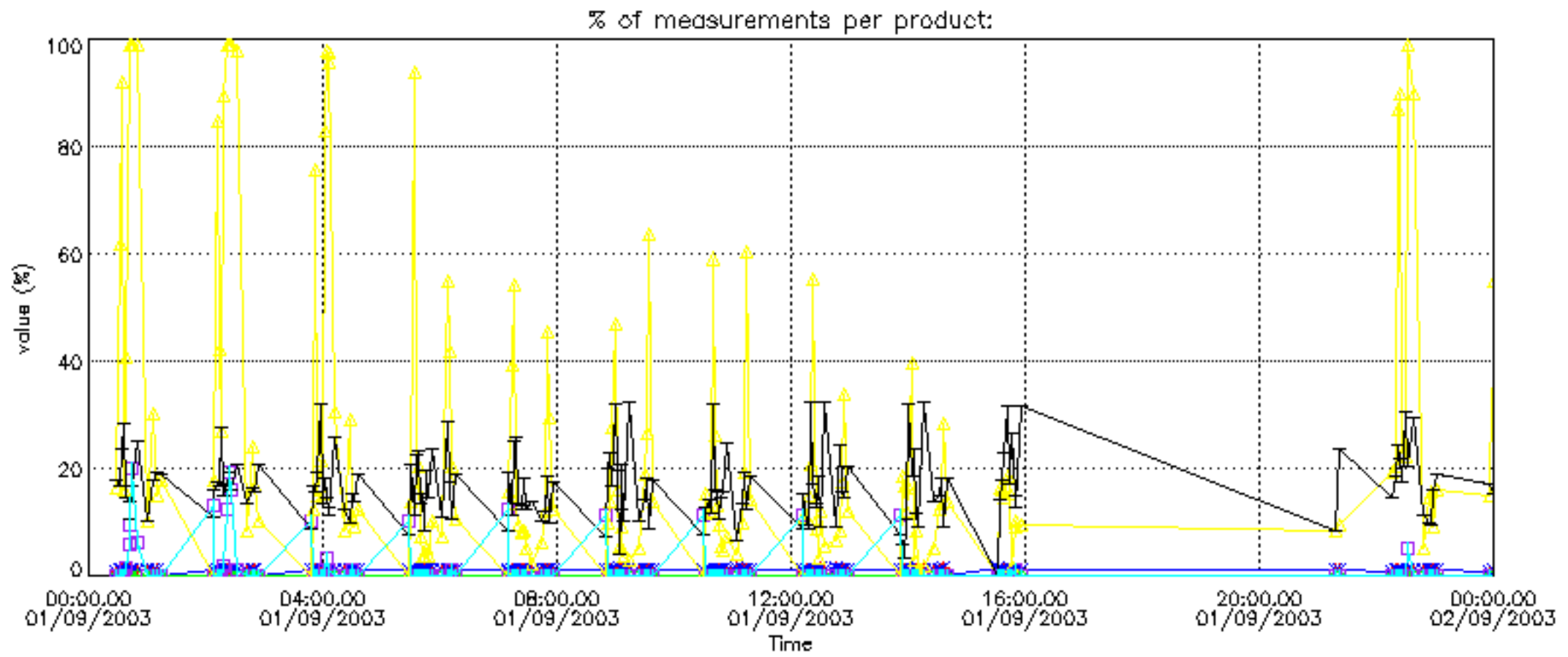
Percentage of flagged data per NO2 profile

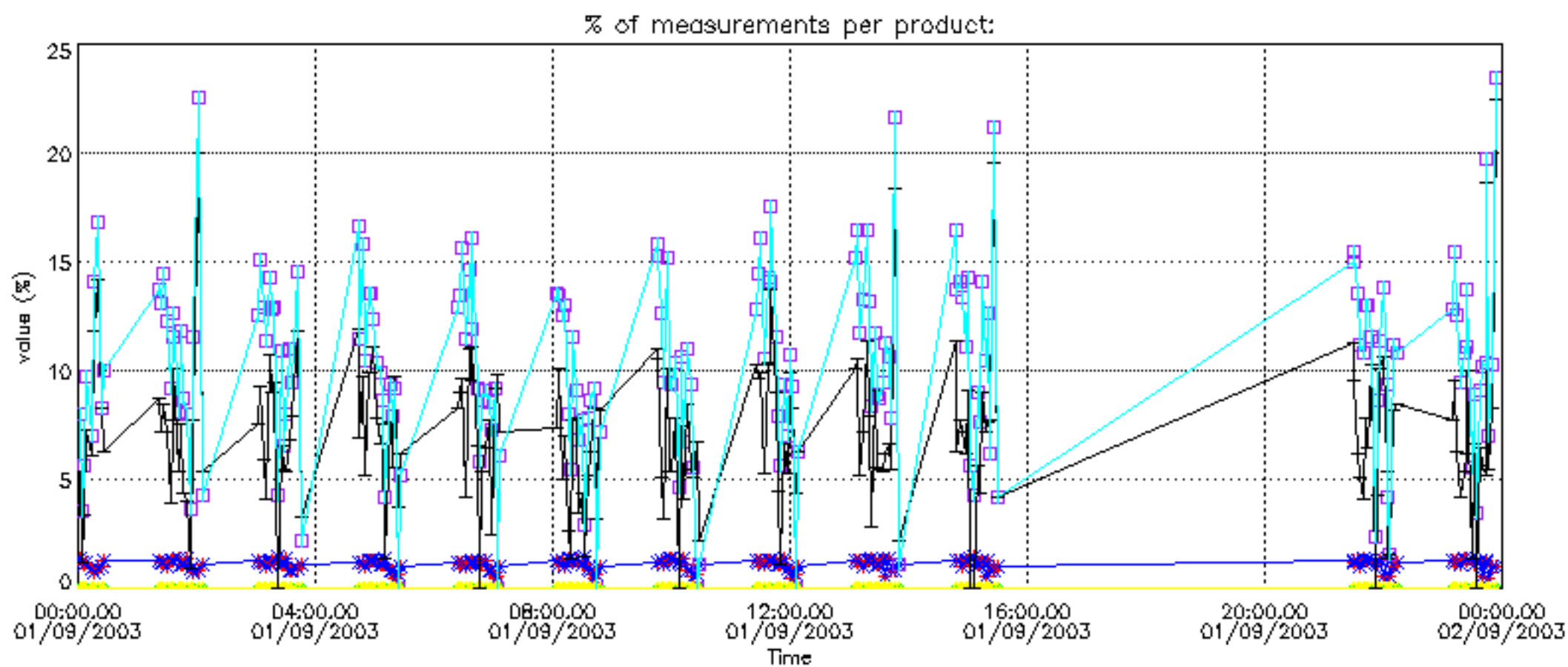


Percentage of flagged data per NO3 profile

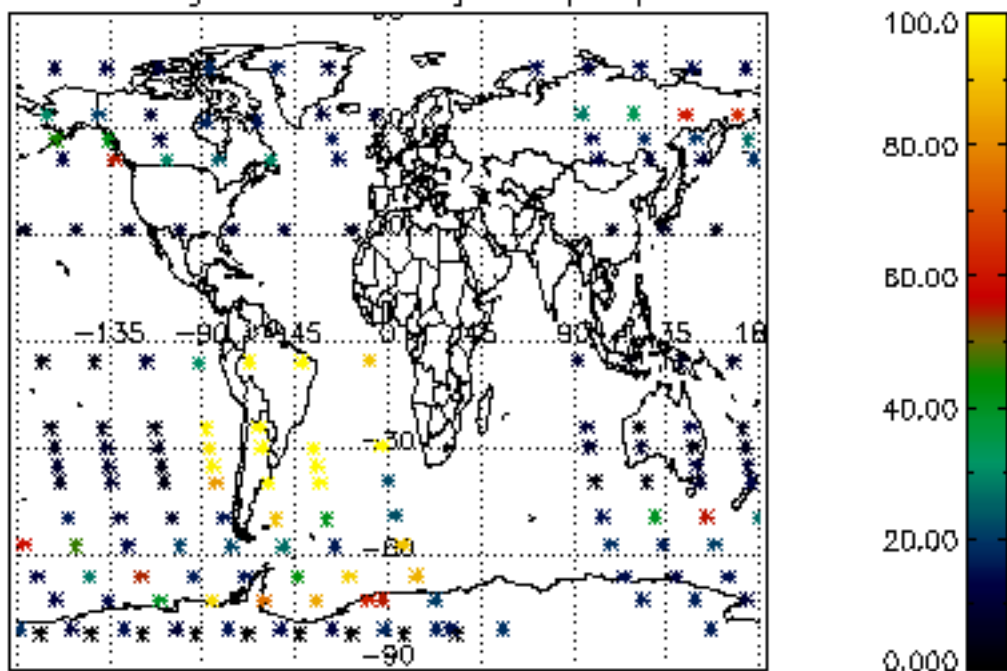




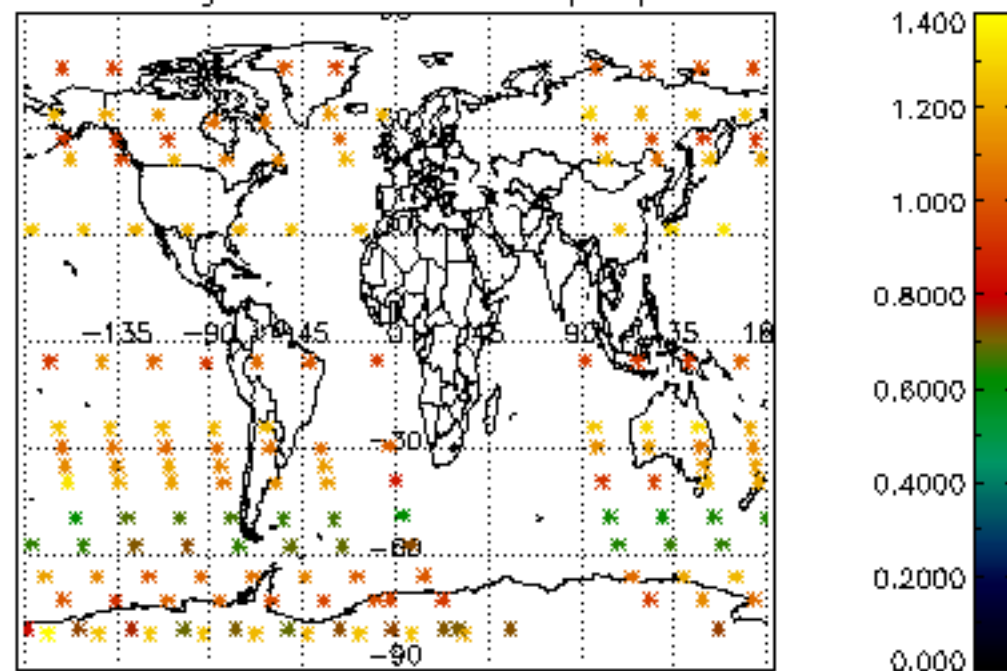




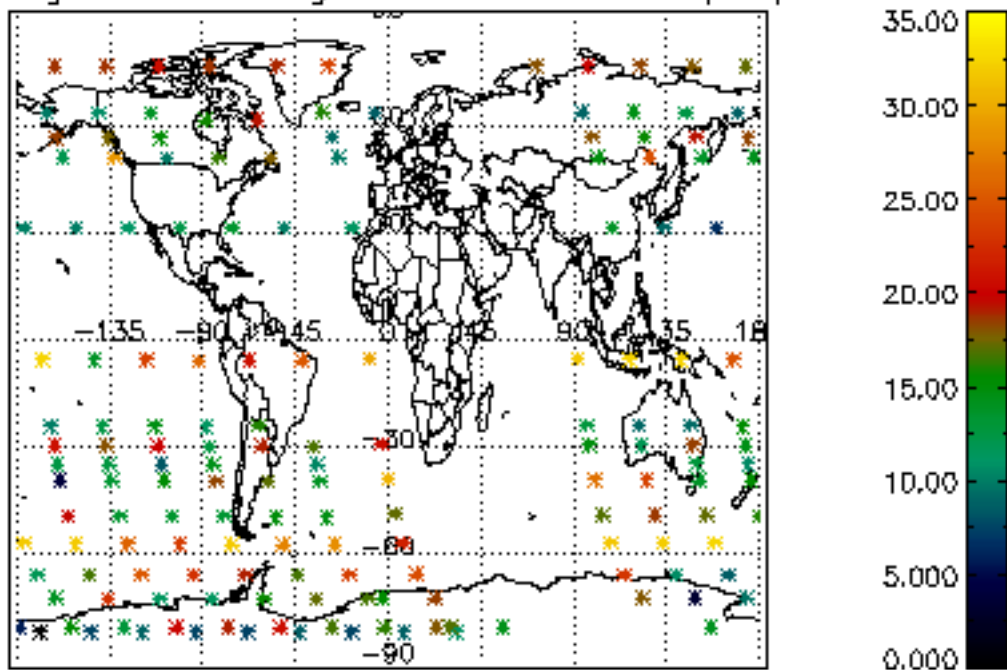
Percentage of cosmic ray hits per profile



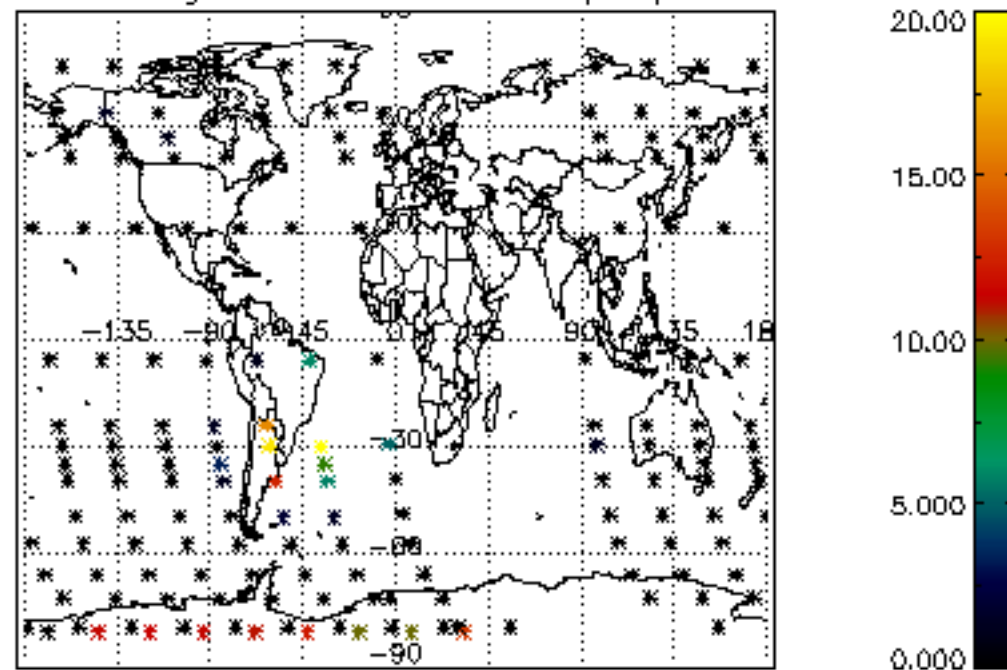
Percentage of datation errors per profile



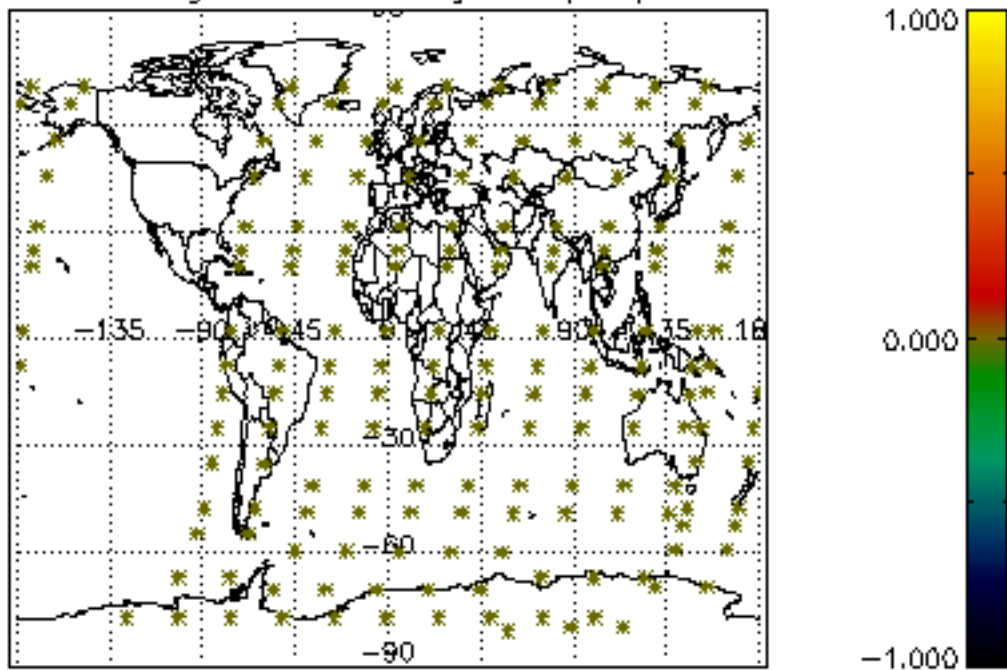
Percentage of star falling outside central band per profile



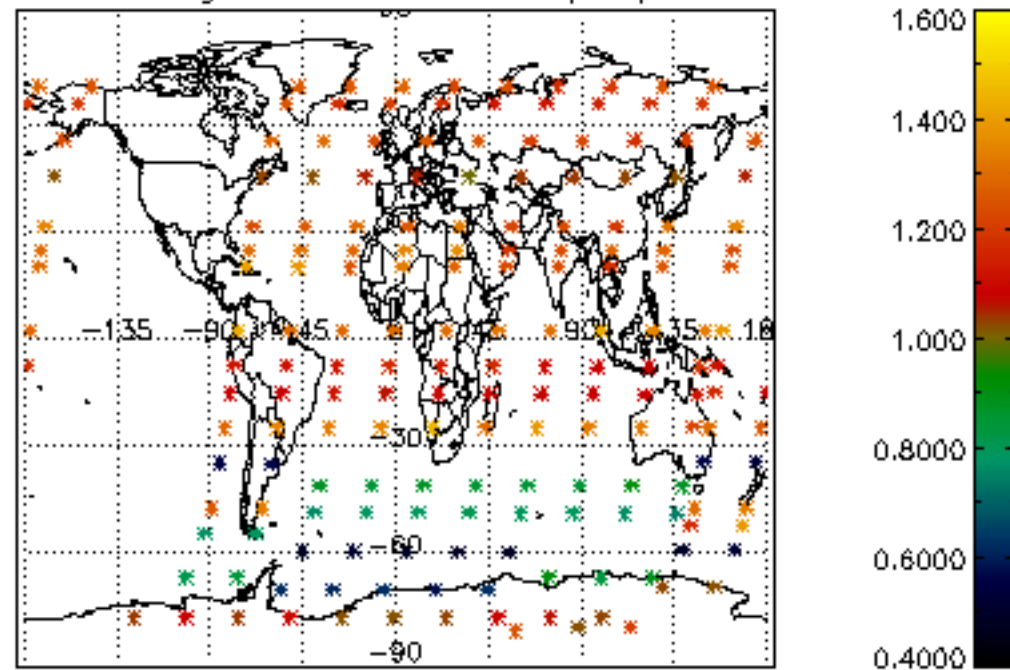
Percentage of saturation errors per profile



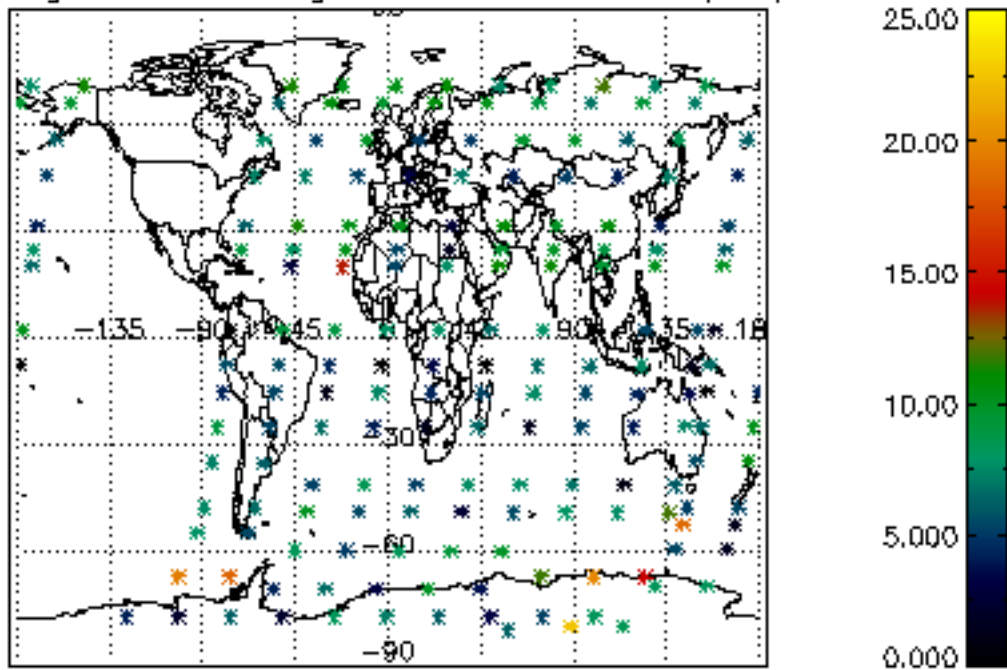
Percentage of cosmic ray hits per profile



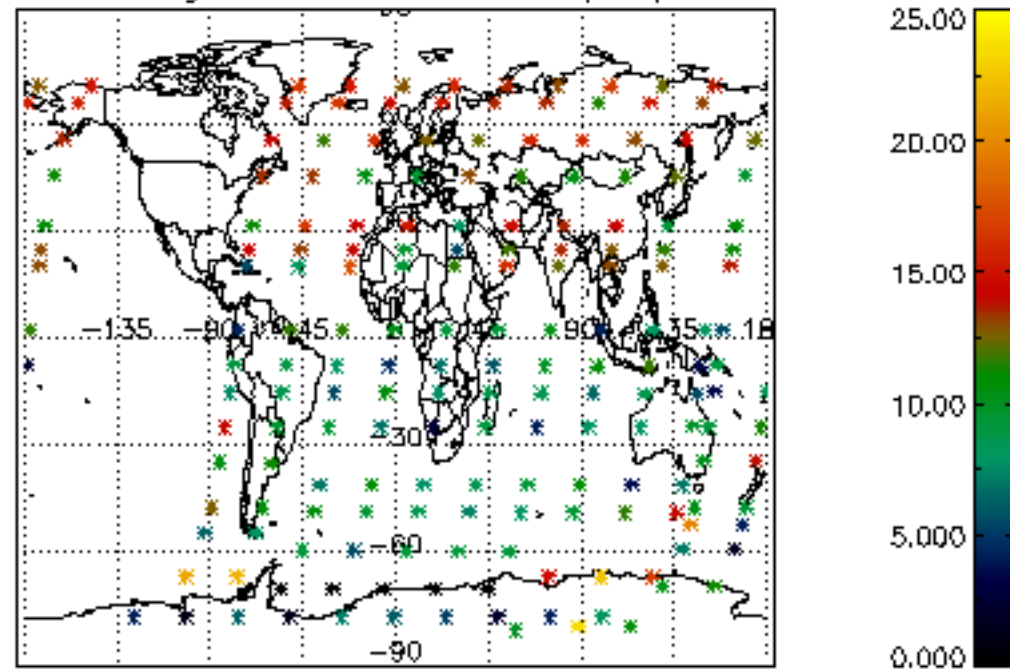
Percentage of datation errors per profile



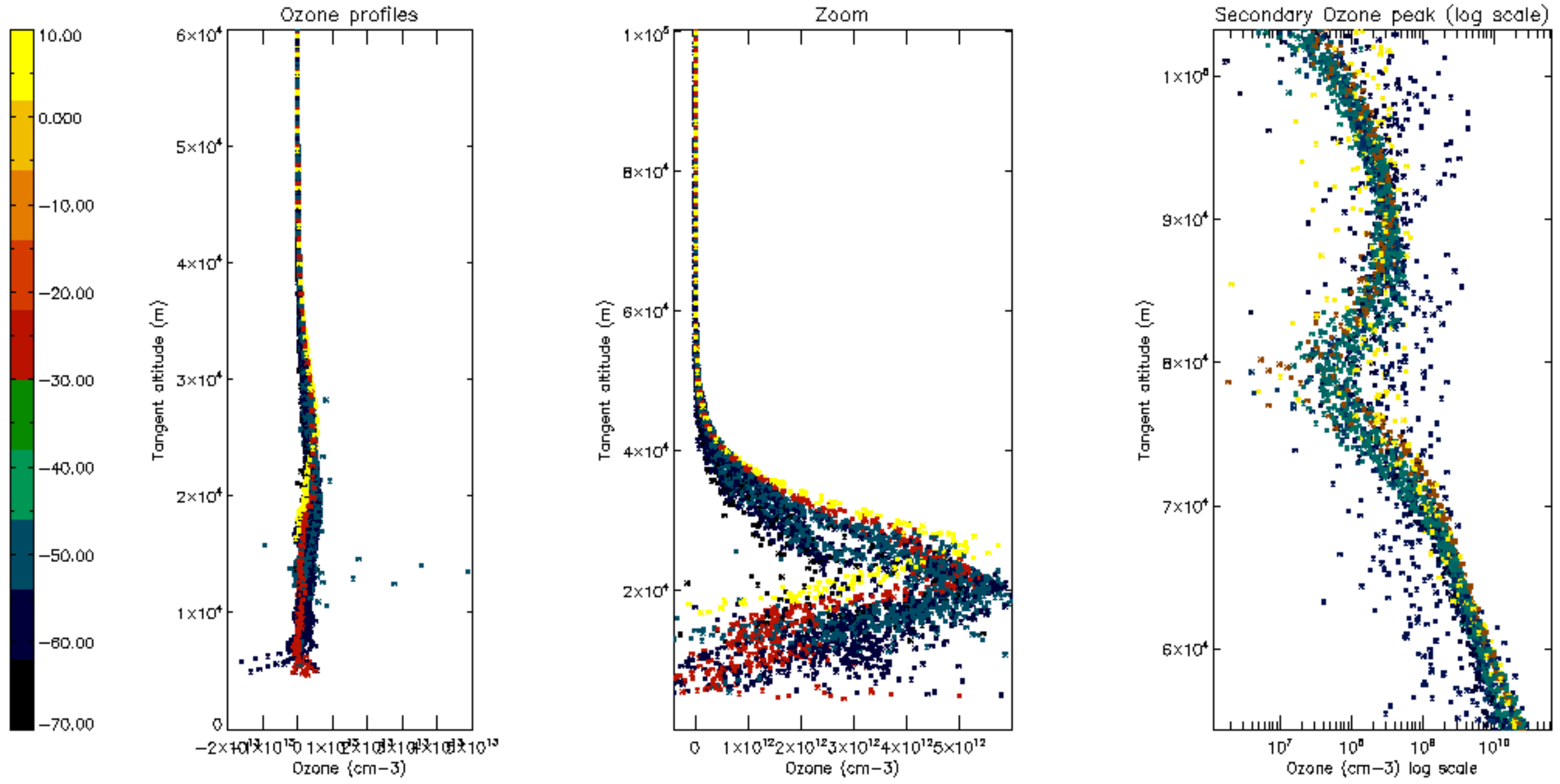
Percentage of star falling outside central band per profile

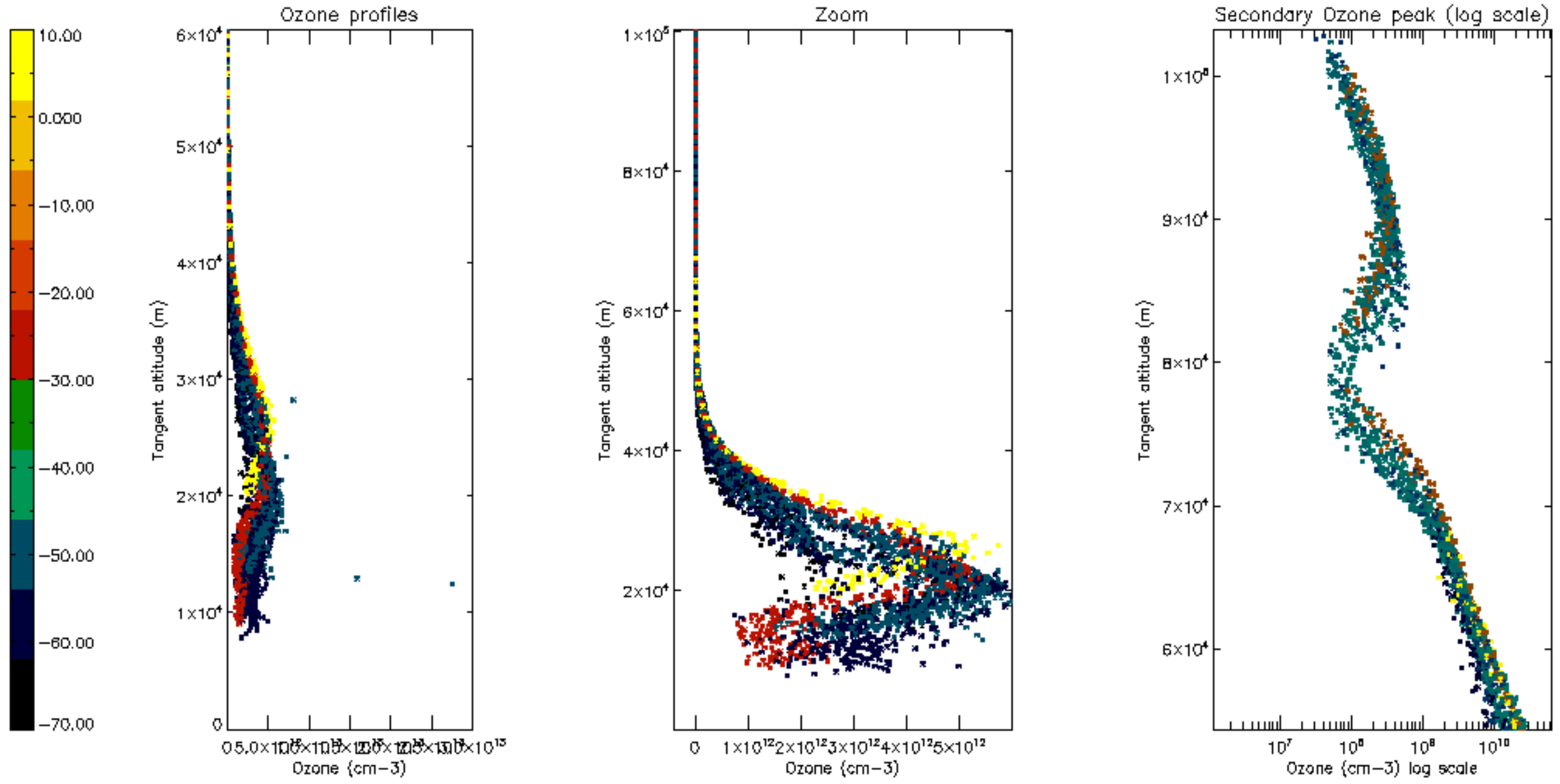


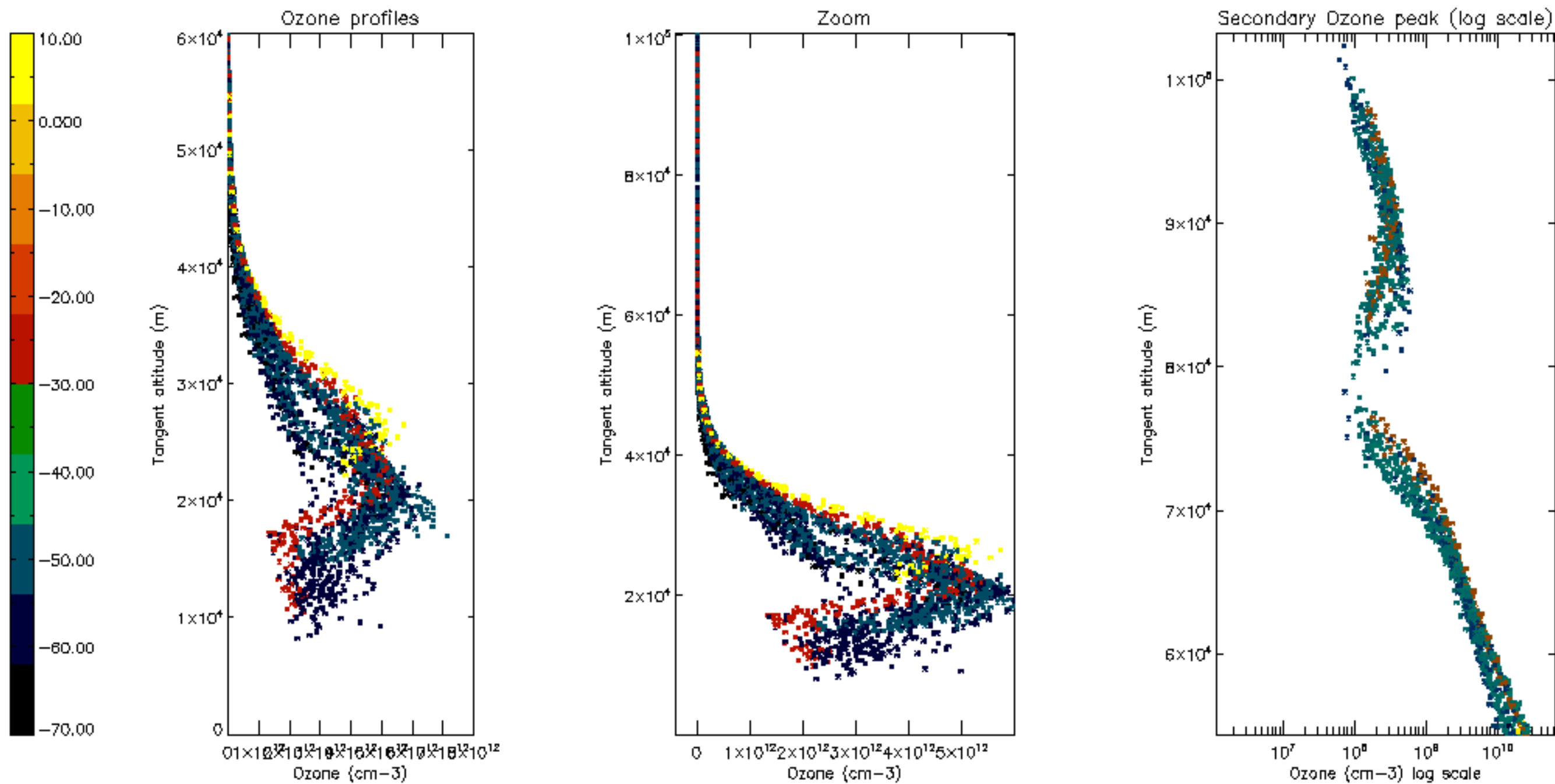
Percentage of saturation errors per profile



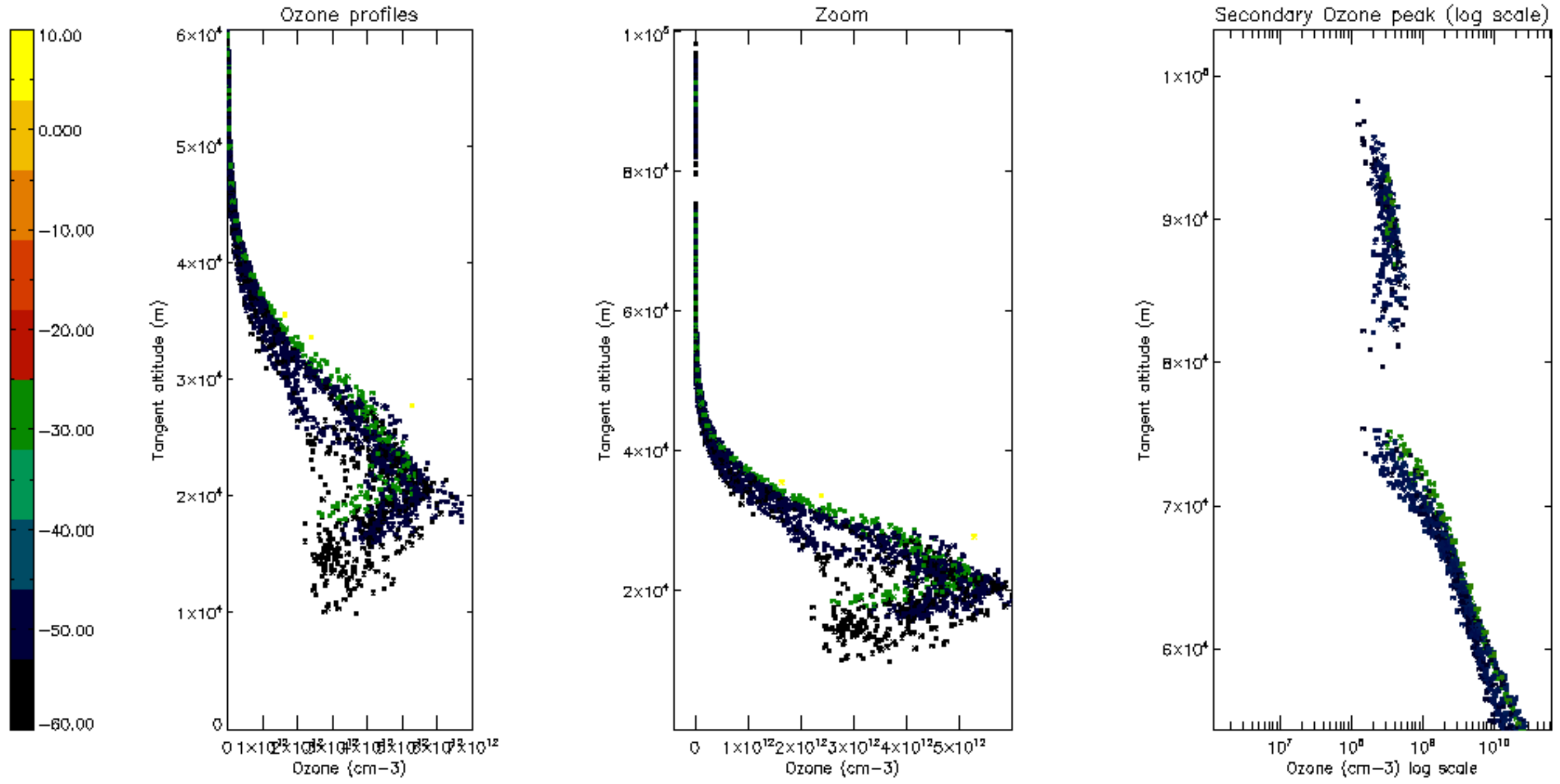


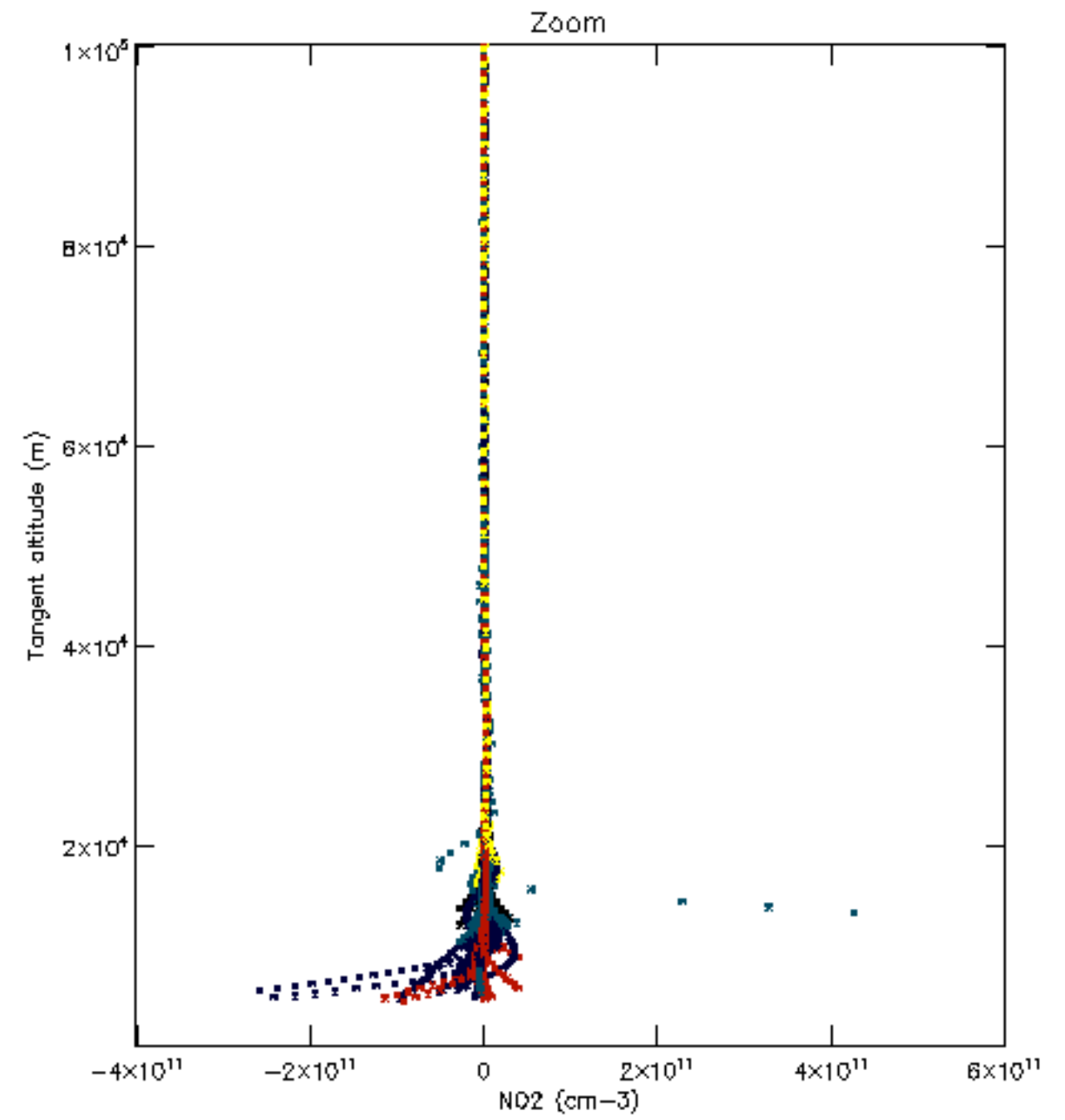
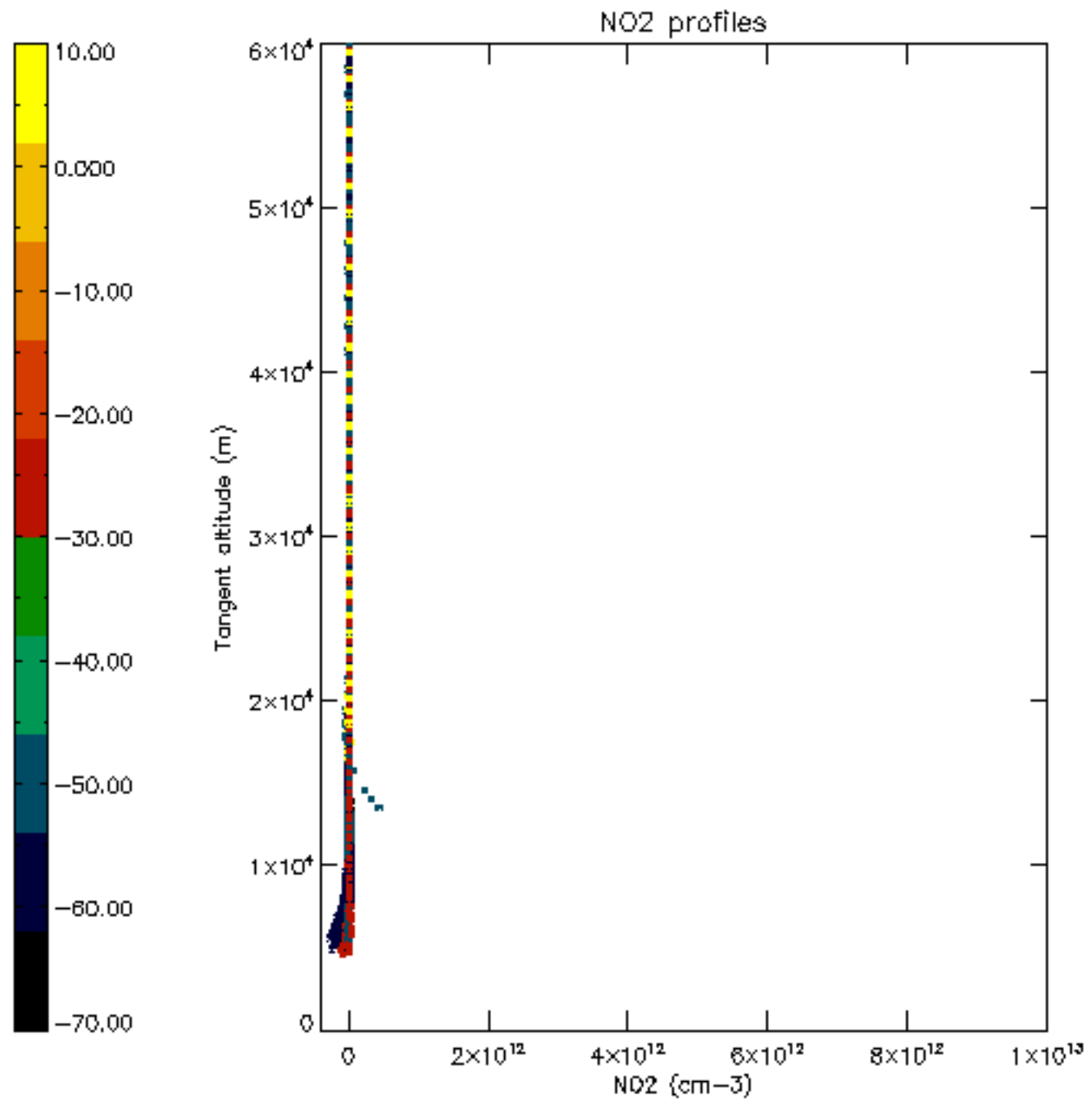


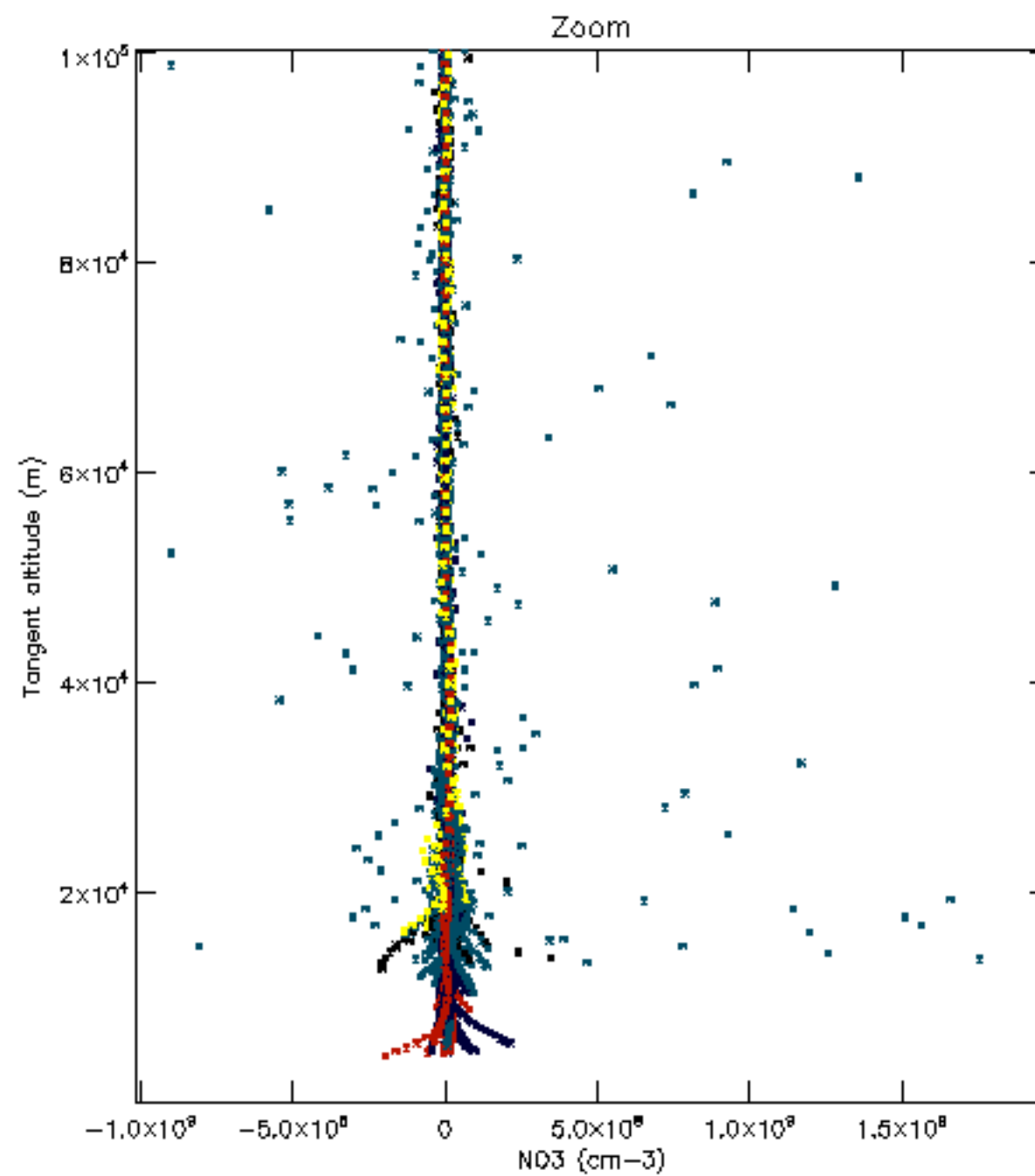
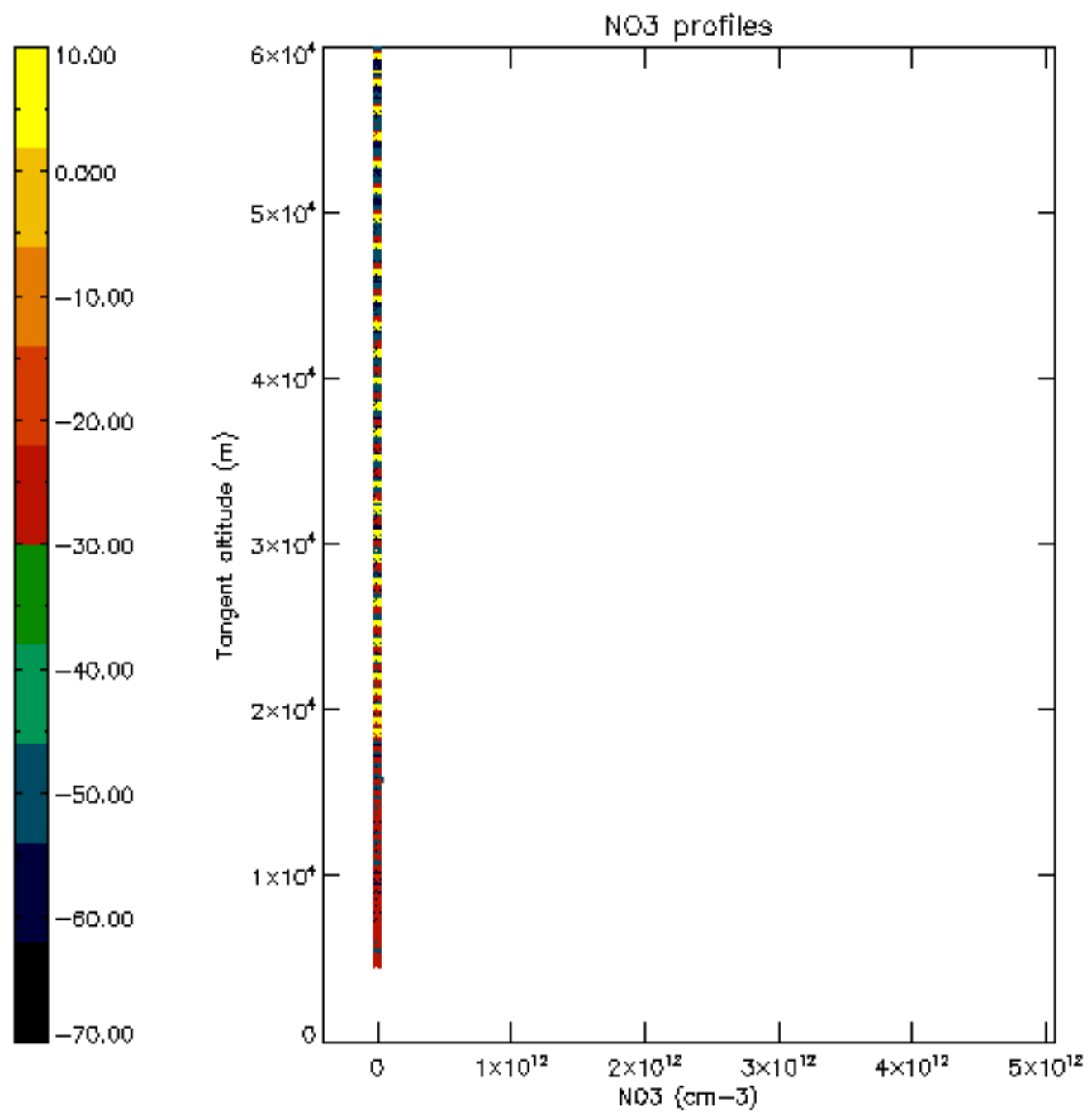




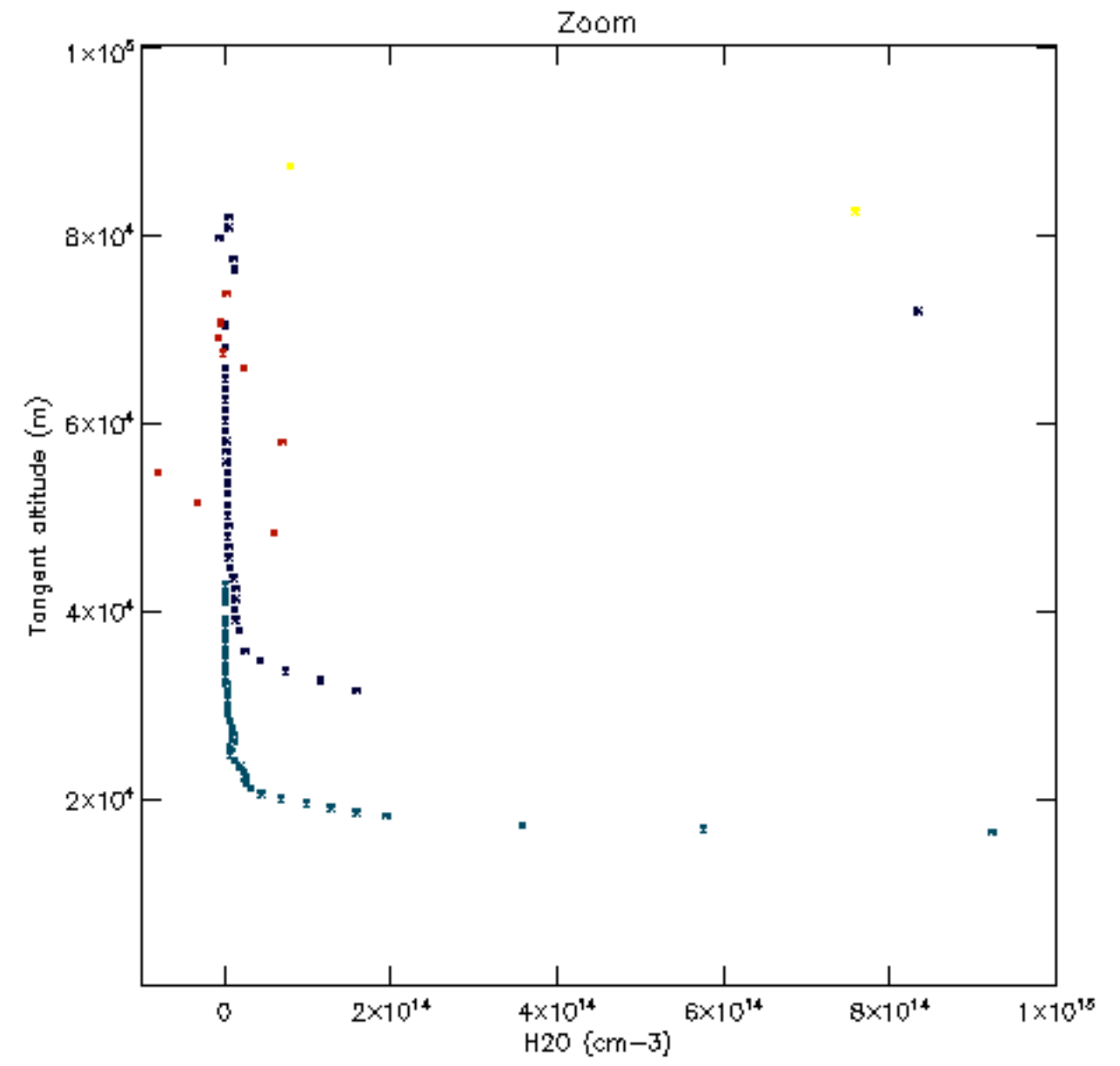
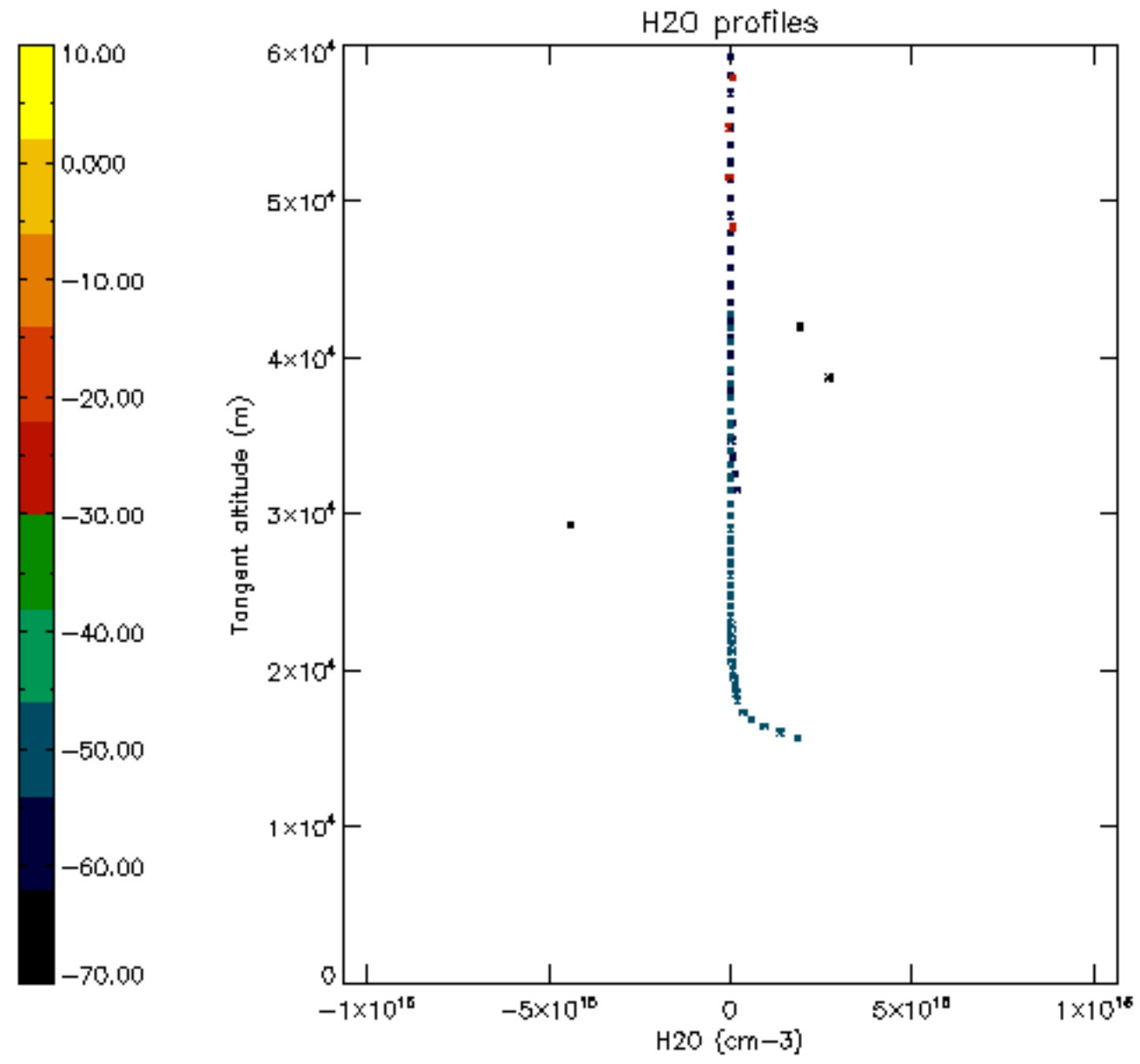


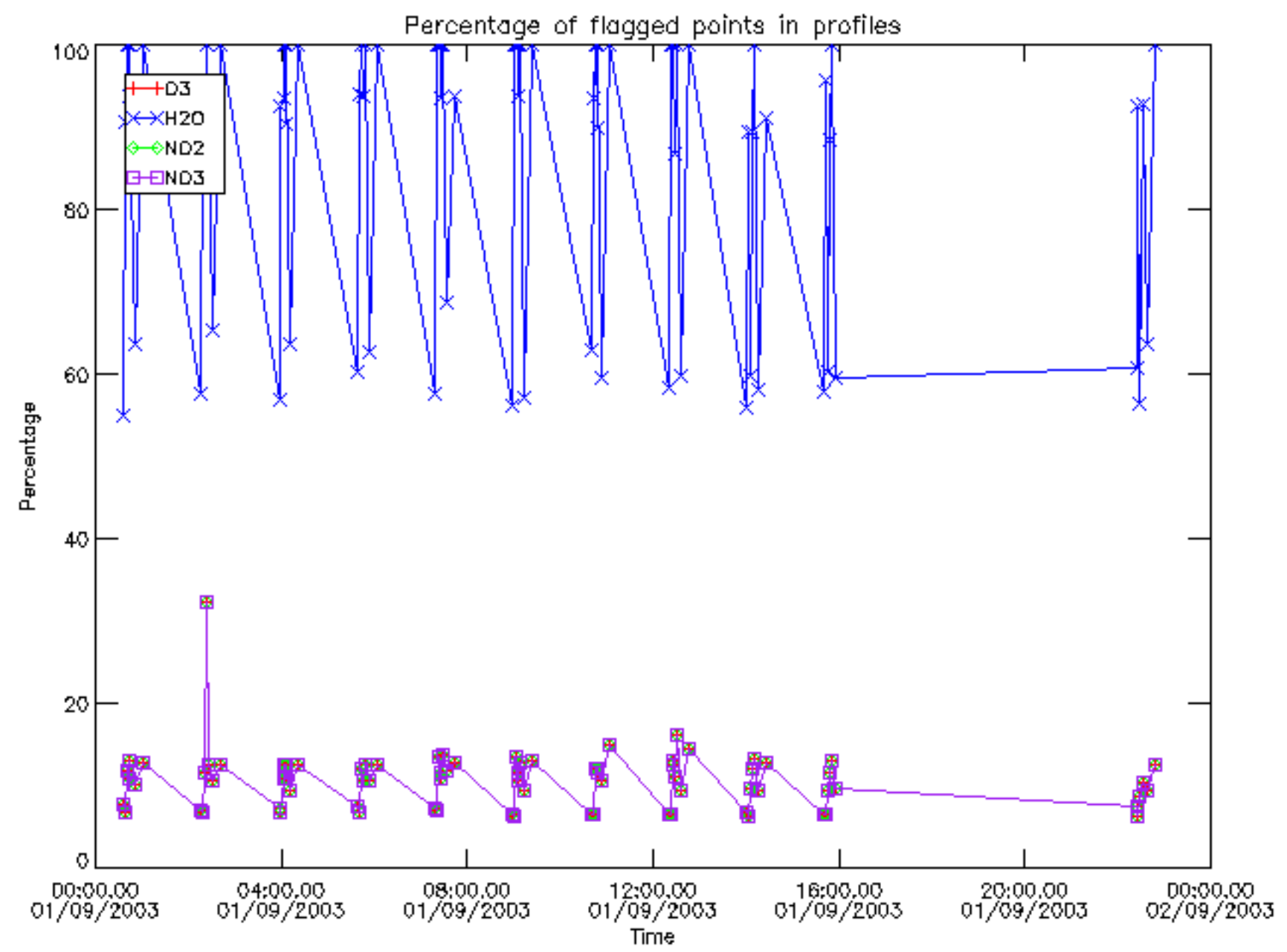




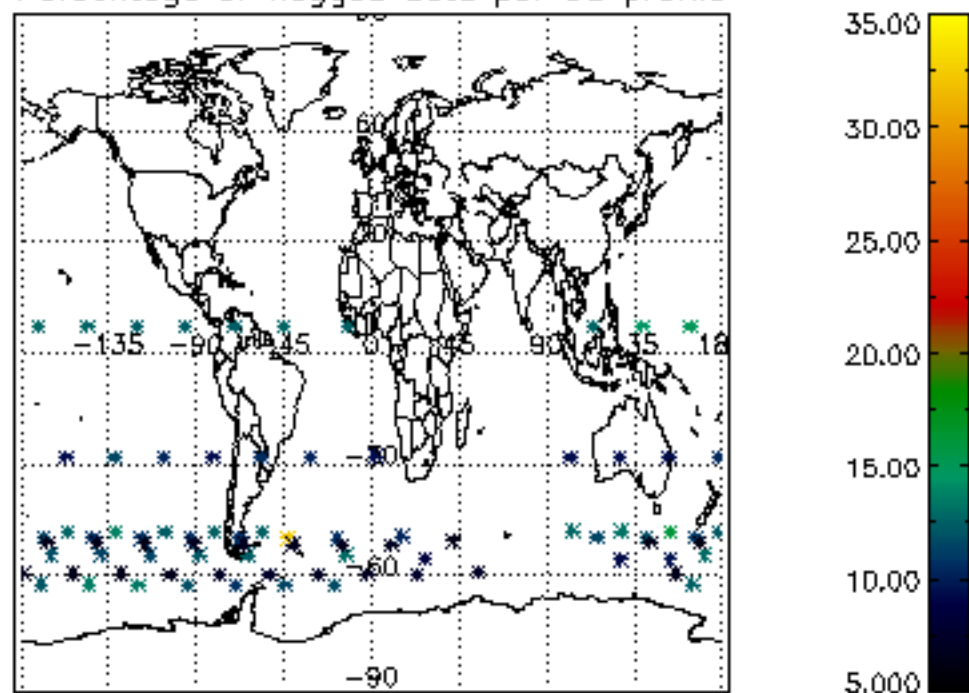




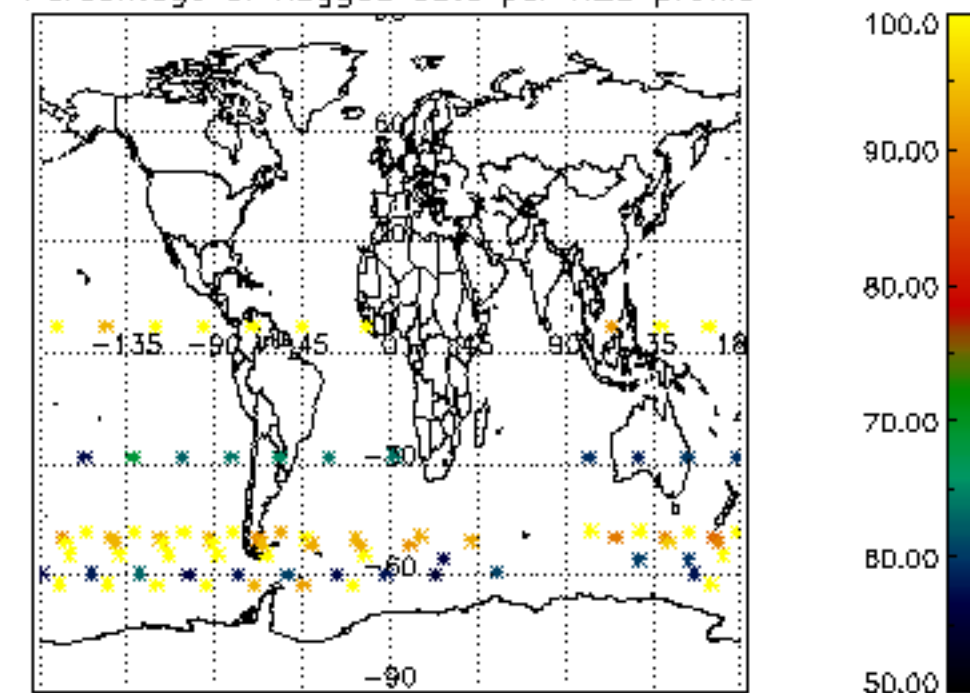




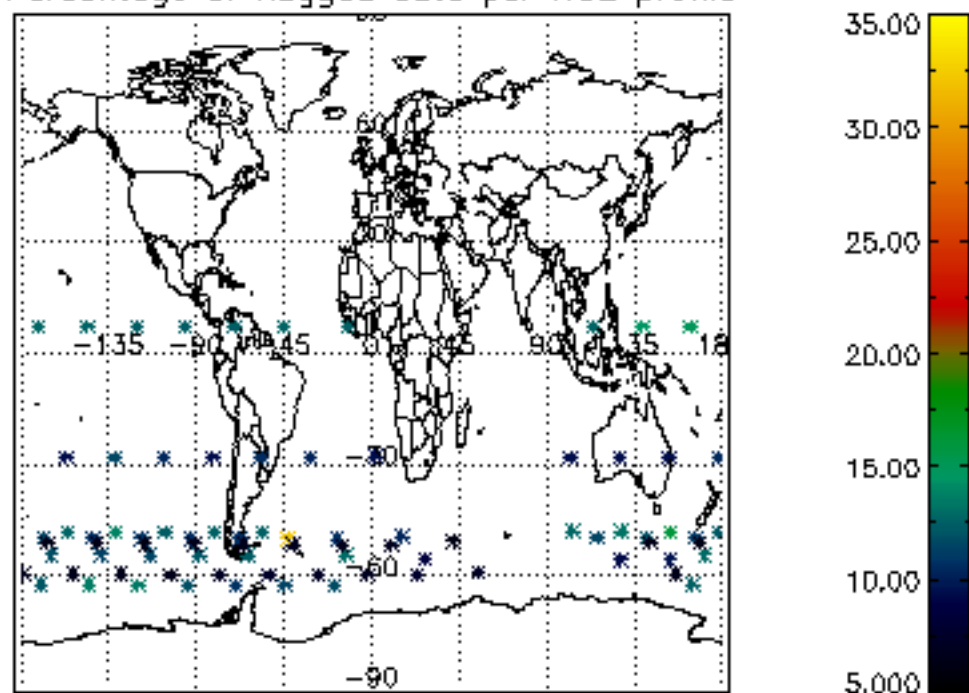
Percentage of flagged data per D3 profile



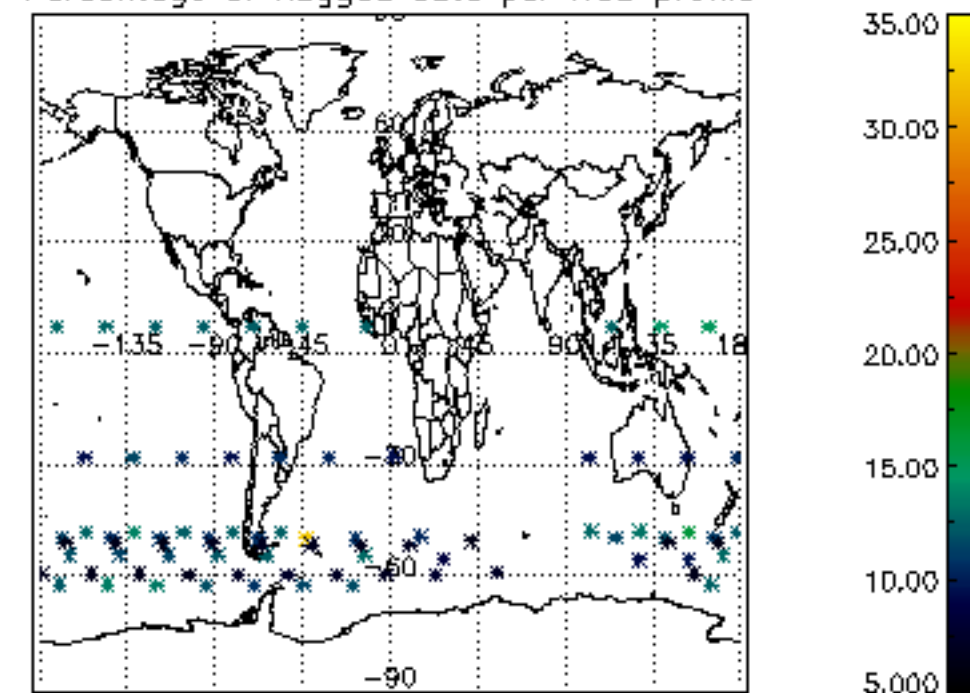
Percentage of flagged data per H2O profile

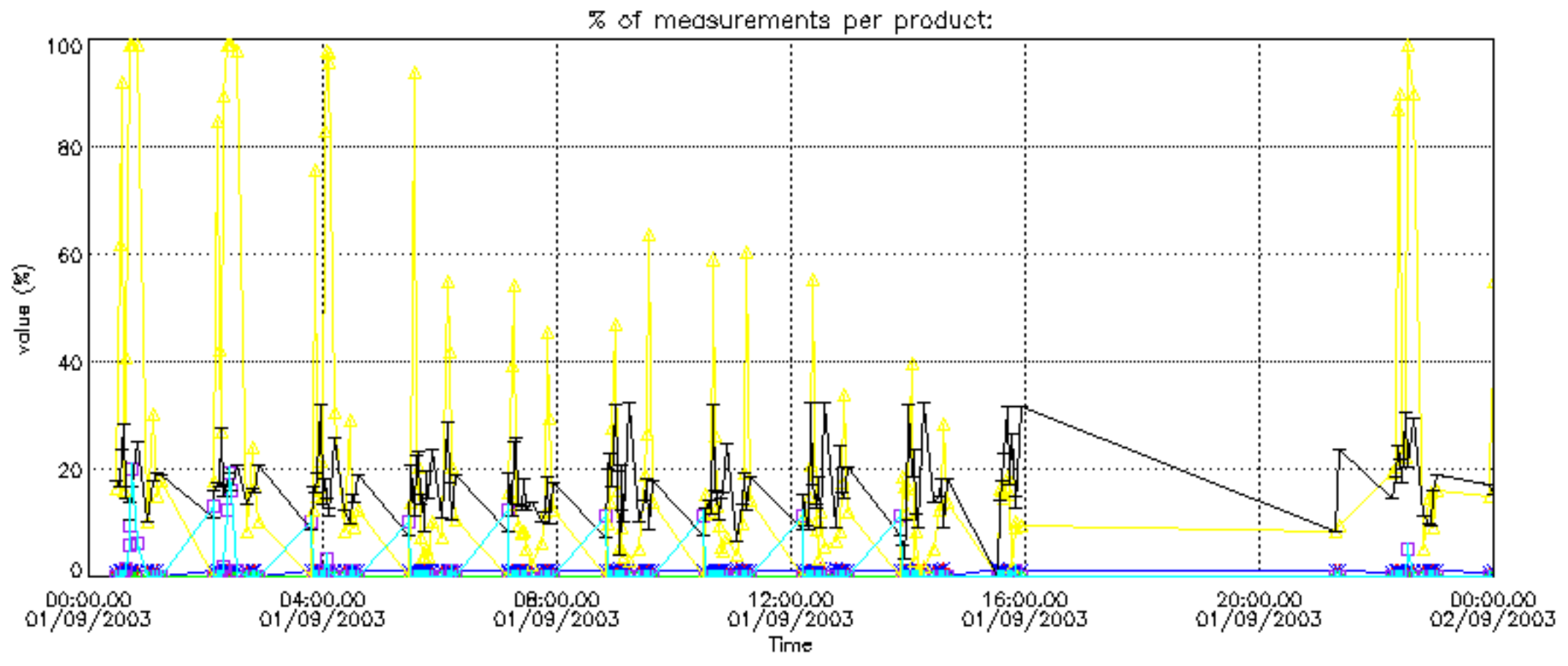


Percentage of flagged data per NO2 profile

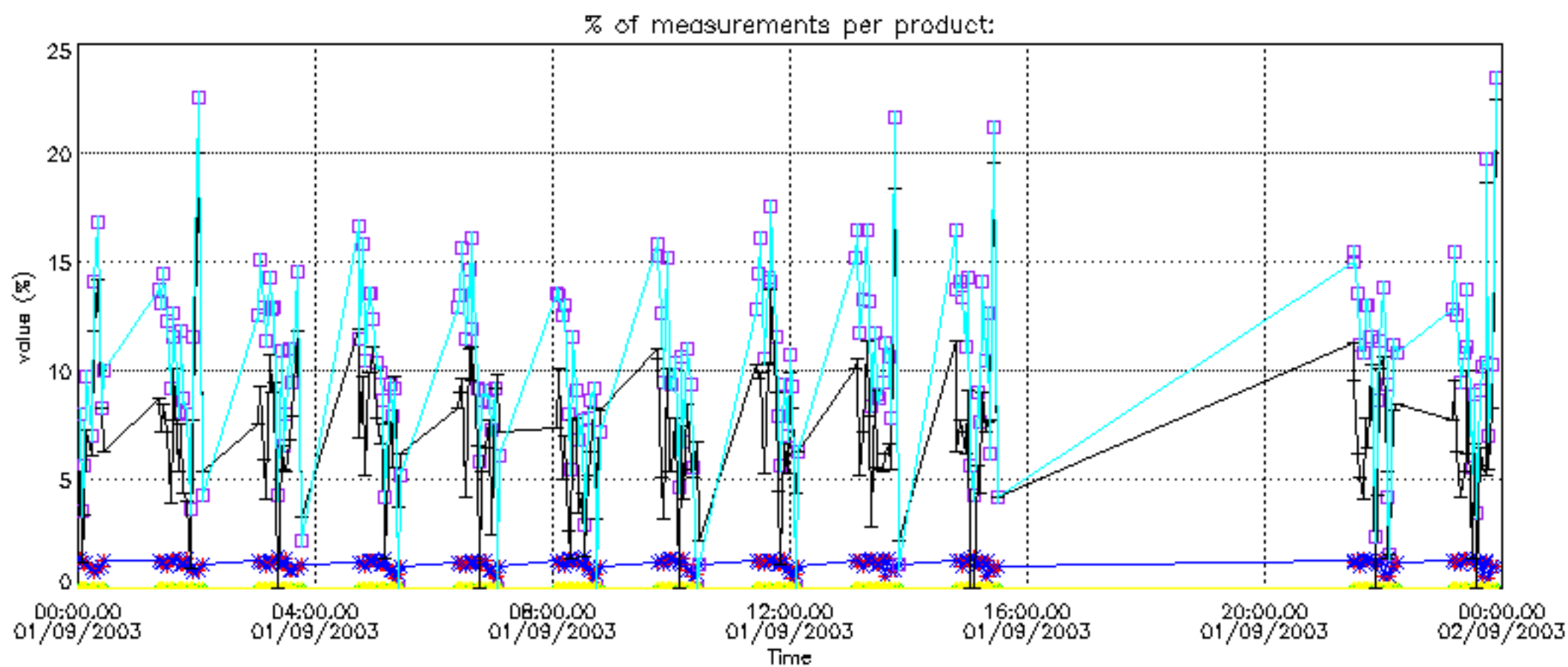


Percentage of flagged data per NO3 profile

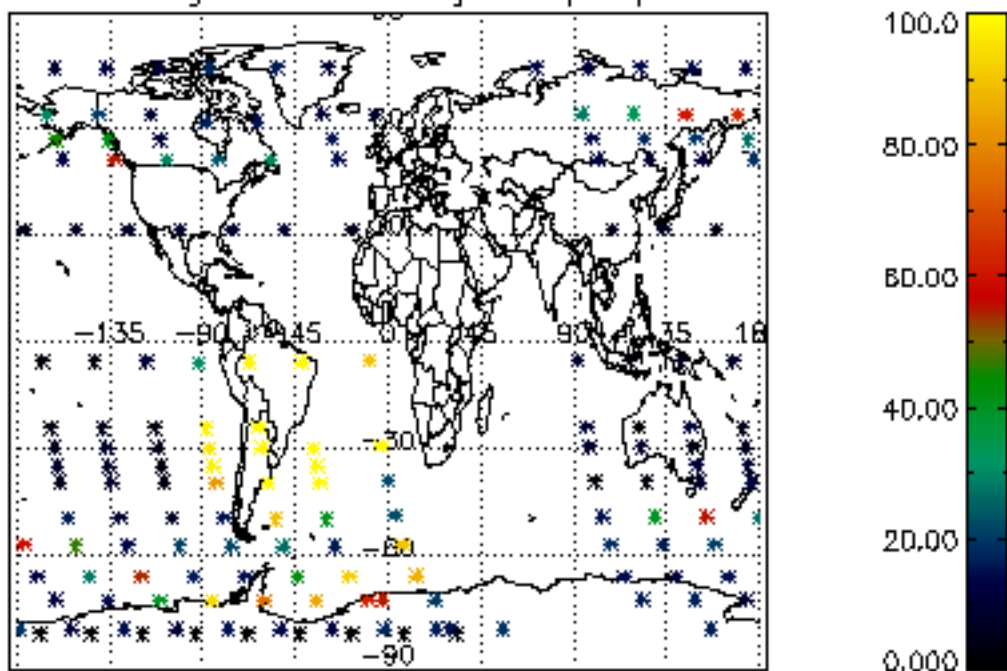




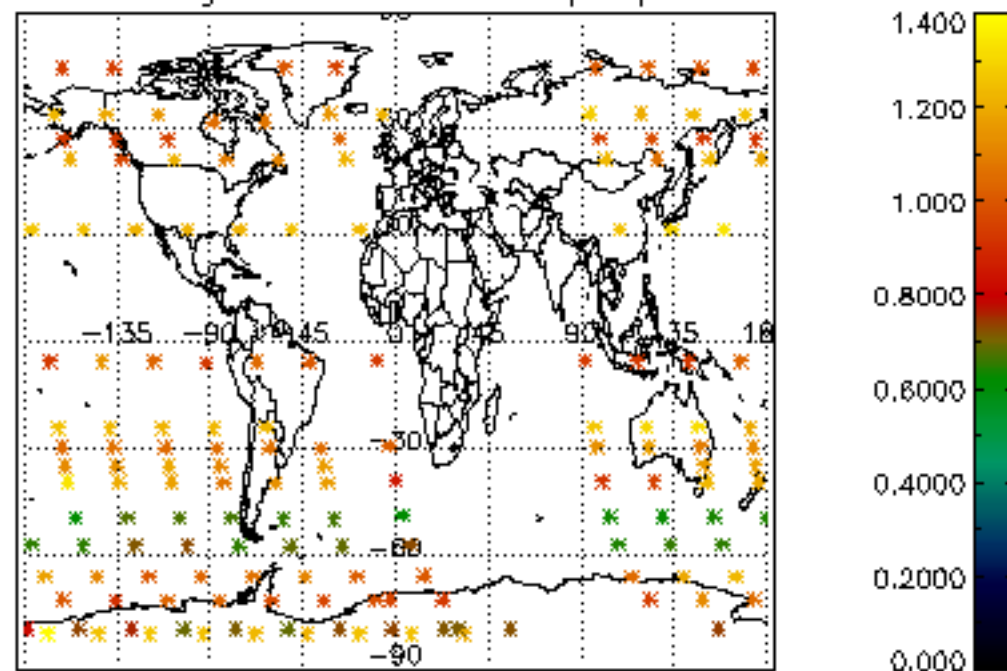




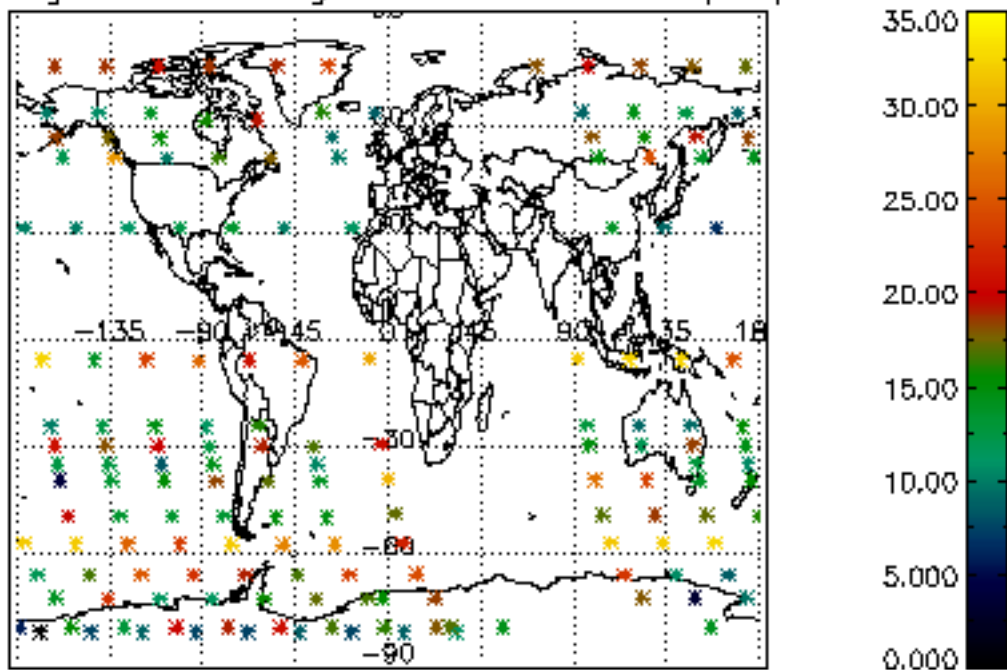
Percentage of cosmic ray hits per profile



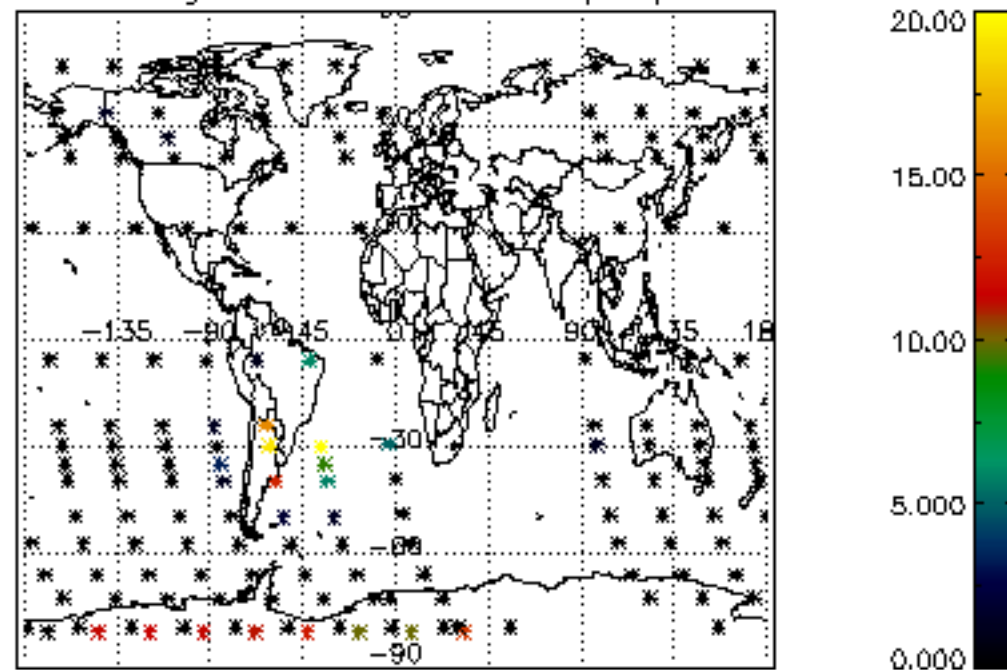
Percentage of datation errors per profile



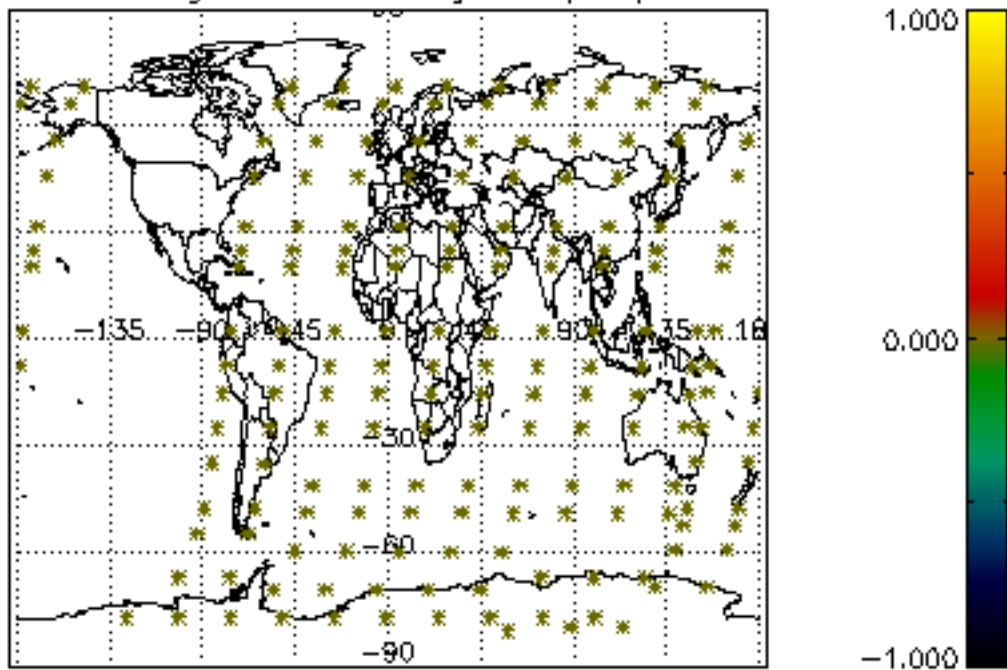
Percentage of star falling outside central band per profile



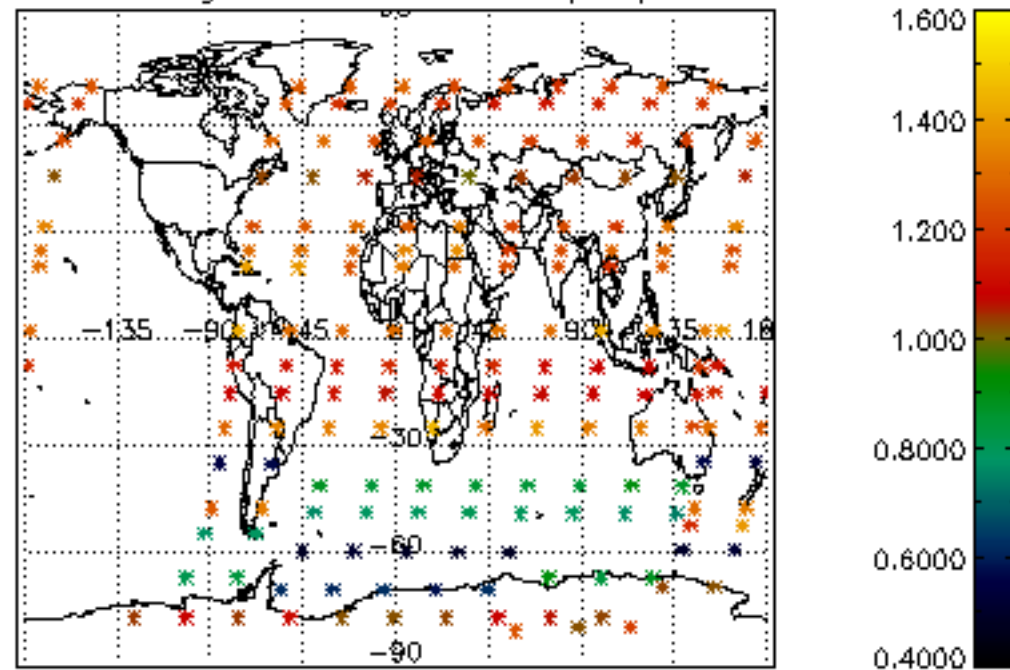
Percentage of saturation errors per profile



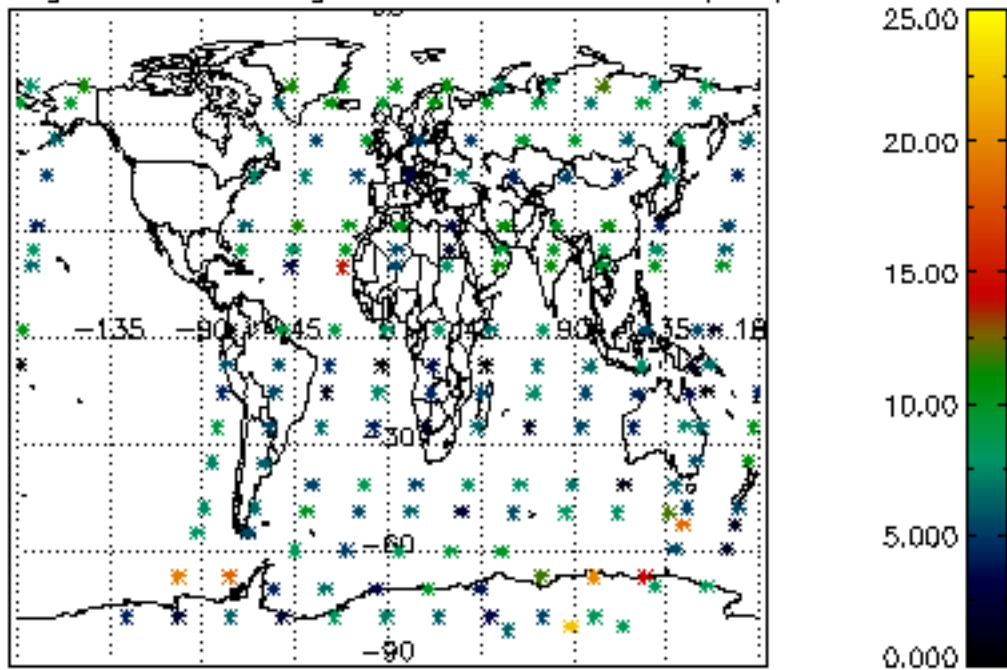
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

