

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	24APR2013 16:04:39
Data source version	GOMOS/6.01
Start time of products	23-07-2011 (23JUL2011 00:00:00)
Stop time of products	24-07-2011 (24JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	264
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110723_000030_000000433104_00404_49125_9930.N1	23-JUL-2011 00:00:30	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49125	No
2	GOM_NL__2PRFIN20110723_000142_000000403104_00404_49125_9931.N1	23-JUL-2011 00:01:42	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49125	No
3	GOM_NL__2PRFIN20110723_000325_000000473104_00404_49125_9932.N1	23-JUL-2011 00:03:25	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49125	No
4	GOM_NL__2PRFIN20110723_000839_000000423104_00404_49125_9933.N1	23-JUL-2011 00:08:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49125	No
5	GOM_NL__2PRFIN20110723_001722_000000713104_00404_49125_9934.N1	23-JUL-2011 00:17:22	Bright	71.000	76	27Gam Cas	2.3000	30000.	142	49125	No
6	GOM_NL__2PRFIN20110723_002304_000000433104_00404_49125_9935.N1	23-JUL-2011 00:23:04	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	49125	No
7	GOM_NL__2PRFIN20110723_002433_000000473104_00404_49125_9936.N1	23-JUL-2011 00:24:33	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	49125	No
8	GOM_NL__2PRFIN20110723_002605_000000383104_00404_49125_9937.N1	23-JUL-2011 00:26:05	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49125	No
9	GOM_NL__2PRFIN20110723_002736_000000543104_00404_49125_9938.N1	23-JUL-2011 00:27:36	Bright	54.000	79	26Bet Per	2.3100	13100.	108	49125	No
10	GOM_NL__2PRFIN20110723_003052_000000473104_00404_49125_9939.N1	23-JUL-2011 00:30:52	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	49125	No
11	GOM_NL__2PRFIN20110723_003340_000000503104_00404_49125_9940.N1	23-JUL-2011 00:33:40	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49125	No
12	GOM_NL__2PRFIN20110723_003516_000000473104_00404_49125_9941.N1	23-JUL-2011 00:35:16	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49125	No
13	GOM_NL__2PRFIN20110723_004516_000000503104_00404_49125_9942.N1	23-JUL-2011 00:45:16	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49125	No
14	GOM_NL__2PRFIN20110723_005430_000000423104_00404_49125_9943.N1	23-JUL-2011 00:54:30	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49125	No
15	GOM_NL__2PRFIN20110723_010026_000000503104_00405_49126_9977.N1	23-JUL-2011 01:00:26	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49126	No
16	GOM_NL__2PRFIN20110723_010419_000000553104_00405_49126_9978.N1	23-JUL-2011 01:04:19	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49126	No
17	GOM_NL__2PRFIN20110723_011048_000000473104_00405_49126_9979.N1	23-JUL-2011 01:10:48	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49126	No
18	GOM_NL__2PRFIN20110723_011400_000000503104_00405_49126_9980.N1	23-JUL-2011 01:14:00	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49126	No
19	GOM_NL__2PRFIN20110723_013105_000000433104_00405_49126_9981.N1	23-JUL-2011 01:31:05	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	49126	No
20	GOM_NL__2PRFIN20110723_014043_000000493104_00405_49126_9982.N1	23-JUL-2011 01:40:43	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	49126	No
21	GOM_NL__2PRFIN20110723_014339_000000463104_00405_49126_9983.N1	23-JUL-2011 01:43:39	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49126	No
22	GOM_NL__2PRFIN20110723_014852_000000423104_00405_49126_9984.N1	23-JUL-2011 01:48:52	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49126	No
23	GOM_NL__2PRFIN20110723_015736_000000483104_00405_49126_9985.N1	23-JUL-2011 01:57:36	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49126	No
24	GOM_NL__2PRFIN20110723_020317_000000453104_00405_49126_9986.N1	23-JUL-2011 02:03:17	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49126	No
25	GOM_NL__2PRFIN20110723_020447_000000463104_00405_49126_9987.N1	23-JUL-2011 02:04:47	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49126	No
26	GOM_NL__2PRFIN20110723_020619_000000393104_00405_49126_9988.N1	23-JUL-2011 02:06:19	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49126	No
27	GOM_NL__2PRFIN20110723_020750_000000533104_00405_49126_9989.N1	23-JUL-2011 02:07:50	Bright	53.000	79	26Bet Per	2.3100	13100.	106	49126	No
28	GOM_NL__2PRFIN20110723_021106_000000513104_00405_49126_9990.N1	23-JUL-2011 02:11:06	Twilight	50.500	150	44Zet Per	2.8900	28000.	101	49126	No
29	GOM_NL__2PRFIN20110723_021354_000000493104_00405_49126_9991.N1	23-JUL-2011 02:13:54	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49126	No
30	GOM_NL__2PRFIN20110723_021530_000000483104_00405_49126_9992.N1	23-JUL-2011 02:15:30	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49126	No
31	GOM_NL__2PRFIN20110723_022531_000000503104_00405_49126_9993.N1	23-JUL-2011 02:25:31	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49126	No
32	GOM_NL__2PRFIN20110723_023445_000000453104_00405_49126_9994.N1	23-JUL-2011 02:34:45	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49126	No
33	GOM_NL__2PRFIN20110723_024041_000000463104_00406_49127_9988.N1	23-JUL-2011 02:40:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49127	No
34	GOM_NL__2PRFIN20110723_024434_000000553104_00406_49127_9989.N1	23-JUL-2011 02:44:34	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49127	No
35	GOM_NL__2PRFIN20110723_025103_000000473104_00406_49127_9990.N1	23-JUL-2011 02:51:03	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49127	No
36	GOM_NL__2PRFIN20110723_025414_000000503104_00406_49127_9991.N1	23-JUL-2011 02:54:14	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49127	No
37	GOM_NL__2PRFIN20110723_031119_000000413104_00406_49127_9992.N1	23-JUL-2011 03:11:19	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49127	No
38	GOM_NL__2PRFIN20110723_032056_000000493104_00406_49127_9993.N1	23-JUL-2011 03:20:56	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	49127	No
39	GOM_NL__2PRFIN20110723_032352_000000453104_00406_49127_9994.N1	23-JUL-2011 03:23:52	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	49127	No
40	GOM_NL__2PRFIN20110723_032905_000000423104_00406_49127_9995.N1	23-JUL-2011 03:29:05	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49127	No
41	GOM_NL__2PRFIN20110723_033749_000000483104_00406_49127_9996.N1	23-JUL-2011 03:37:49	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49127	No
42	GOM_NL__2PRFIN20110723_034331_000000653104_00406_49127_9997.N1	23-JUL-2011 03:43:31	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49127	No

43	GOM_NL__2PRFIN20110723_034500_000000473104_00406_49127_9998.N1	23-JUL-2011 03:45:00	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	49127	No
44	GOM_NL__2PRFIN20110723_034633_000000413104_00406_49127_9999.N1	23-JUL-2011 03:46:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	49127	No
45	GOM_NL__2PRFIN20110723_034804_000000513104_00406_49127_0000.N1	23-JUL-2011 03:48:04	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49127	No
46	GOM_NL__2PRFIN20110723_035120_000000503104_00406_49127_0001.N1	23-JUL-2011 03:51:20	Twi_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	49127	No
47	GOM_NL__2PRFIN20110723_035408_000000473104_00406_49127_0002.N1	23-JUL-2011 03:54:08	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49127	No
48	GOM_NL__2PRFIN20110723_035544_000000493104_00406_49127_0003.N1	23-JUL-2011 03:55:44	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	49127	No
49	GOM_NL__2PRFIN20110723_040545_000000493104_00406_49127_0004.N1	23-JUL-2011 04:05:45	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49127	No
50	GOM_NL__2PRFIN20110723_041500_000000463104_00406_49127_0005.N1	23-JUL-2011 04:15:00	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49127	No
51	GOM_NL__2PRFIN20110723_042055_000000553104_00407_49128_9992.N1	23-JUL-2011 04:20:55	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49128	No
52	GOM_NL__2PRFIN20110723_042450_000000543104_00407_49128_9993.N1	23-JUL-2011 04:24:50	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49128	No
53	GOM_NL__2PRFIN20110723_043118_000000443104_00407_49128_9994.N1	23-JUL-2011 04:31:18	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49128	No
54	GOM_NL__2PRFIN20110723_043429_000000473104_00407_49128_9995.N1	23-JUL-2011 04:34:29	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49128	No
55	GOM_NL__2PRFIN20110723_045133_000000413104_00407_49128_9996.N1	23-JUL-2011 04:51:33	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	49128	No
56	GOM_NL__2PRFIN20110723_050109_000000503104_00407_49128_9997.N1	23-JUL-2011 05:01:09	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	49128	No
57	GOM_NL__2PRFIN20110723_050405_000000463104_00407_49128_9998.N1	23-JUL-2011 05:04:05	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49128	No
58	GOM_NL__2PRFIN20110723_050919_000000423104_00407_49128_9999.N1	23-JUL-2011 05:09:19	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49128	No
59	GOM_NL__2PRFIN20110723_051802_000000493104_00407_49128_0000.N1	23-JUL-2011 05:18:02	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49128	No
60	GOM_NL__2PRFIN20110723_052345_000000443104_00407_49128_0001.N1	23-JUL-2011 05:23:45	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	49128	No
61	GOM_NL__2PRFIN20110723_052514_000000463104_00407_49128_0002.N1	23-JUL-2011 05:25:14	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49128	No
62	GOM_NL__2PRFIN20110723_052648_000000403104_00407_49128_0003.N1	23-JUL-2011 05:26:48	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	49128	No
63	GOM_NL__2PRFIN20110723_052818_000000513104_00407_49128_0004.N1	23-JUL-2011 05:28:18	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49128	No
64	GOM_NL__2PRFIN20110723_053134_000000493104_00407_49128_0005.N1	23-JUL-2011 05:31:34	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	49128	No
65	GOM_NL__2PRFIN20110723_053423_000000503104_00407_49128_0006.N1	23-JUL-2011 05:34:23	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	49128	No
66	GOM_NL__2PRFIN20110723_053559_000000473104_00407_49128_0007.N1	23-JUL-2011 05:35:59	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49128	No
67	GOM_NL__2PRFIN20110723_054600_000000513104_00407_49128_0008.N1	23-JUL-2011 05:46:00	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49128	No
68	GOM_NL__2PRFIN20110723_055515_000000443104_00407_49128_0009.N1	23-JUL-2011 05:55:15	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49128	No
69	GOM_NL__2PRFIN20110723_060110_000000543104_00408_49129_0021.N1	23-JUL-2011 06:01:10	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49129	No
70	GOM_NL__2PRFIN20110723_060505_000000593104_00408_49129_0022.N1	23-JUL-2011 06:05:05	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	49129	No
71	GOM_NL__2PRFIN20110723_061132_000000483104_00408_49129_0023.N1	23-JUL-2011 06:11:32	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49129	No
72	GOM_NL__2PRFIN20110723_061443_000000473104_00408_49129_0024.N1	23-JUL-2011 06:14:43	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49129	No
73	GOM_NL__2PRFIN20110723_063146_000000423104_00408_49129_0025.N1	23-JUL-2011 06:31:46	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49129	No
74	GOM_NL__2PRFIN20110723_064122_000000503104_00408_49129_0026.N1	23-JUL-2011 06:41:22	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	49129	No
75	GOM_NL__2PRFIN20110723_064419_000000473104_00408_49129_0027.N1	23-JUL-2011 06:44:19	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49129	No
76	GOM_NL__2PRFIN20110723_064933_000000403104_00408_49129_0028.N1	23-JUL-2011 06:49:33	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49129	No
77	GOM_NL__2PRFIN20110723_065816_000000493104_00408_49129_0029.N1	23-JUL-2011 06:58:16	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49129	No
78	GOM_NL__2PRFIN20110723_070358_000000483104_00408_49129_0030.N1	23-JUL-2011 07:03:58	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49129	No
79	GOM_NL__2PRFIN20110723_070528_000000463104_00408_49129_0031.N1	23-JUL-2011 07:05:28	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49129	No
80	GOM_NL__2PRFIN20110723_070702_000000393104_00408_49129_0032.N1	23-JUL-2011 07:07:02	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49129	No
81	GOM_NL__2PRFIN20110723_070832_000000543104_00408_49129_0033.N1	23-JUL-2011 07:08:32	Bright	54.000	79	26Bet Per	2.3100	13100.	108	49129	No
82	GOM_NL__2PRFIN20110723_071148_000000493104_00408_49129_0034.N1	23-JUL-2011 07:11:48	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	49129	No
83	GOM_NL__2PRFIN20110723_071437_000000503104_00408_49129_0035.N1	23-JUL-2011 07:14:37	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49129	No
84	GOM_NL__2PRFIN20110723_071613_000000463104_00408_49129_0036.N1	23-JUL-2011 07:16:13	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	49129	No
85	GOM_NL__2PRFIN20110723_072615_000000483104_00408_49129_0037.N1	23-JUL-2011 07:26:15	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49129	No
86	GOM_NL__2PRFIN20110723_073530_000000443104_00408_49129_0038.N1	23-JUL-2011 07:35:30	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49129	No
87	GOM_NL__2PRFIN20110723_074125_000000553104_00409_49130_0044.N1	23-JUL-2011 07:41:25	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49130	No
88	GOM_NL__2PRFIN20110723_074520_000000553104_00409_49130_0045.N1	23-JUL-2011 07:45:20	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49130	No
89	GOM_NL__2PRFIN20110723_075147_000000463104_00409_49130_0046.N1	23-JUL-2011 07:51:47	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49130	No
90	GOM_NL__2PRFIN20110723_075458_000000483104_00409_49130_0047.N1	23-JUL-2011 07:54:58	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49130	No
91	GOM_NL__2PRFIN20110723_081200_000000413104_00409_49130_0048.N1	23-JUL-2011 08:12:00	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49130	No
92	GOM_NL__2PRFIN20110723_082136_000000513104_00409_49130_0049.N1	23-JUL-2011 08:21:36	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	49130	No
93	GOM_NL__2PRFIN20110723_082432_000000463104_00409_49130_0050.N1	23-JUL-2011 08:24:32	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49130	No
94	GOM_NL__2PRFIN20110723_082946_000000403104_00409_49130_0051.N1	23-JUL-2011 08:29:46	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49130	No
95	GOM_NL__2PRFIN20110723_083829_000000493104_00409_49130_0052.N1	23-JUL-2011 08:38:29	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49130	No
96	GOM_NL__2PRFIN20110723_084412_000000453104_00409_49130_0053.N1	23-JUL-2011 08:44:12	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49130	No
97	GOM_NL__2PRFIN20110723_084542_000000463104_00409_49130_0054.N1	23-JUL-2011 08:45:42	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49130	No
98	GOM_NL__2PRFIN20110723_084716_000000383104_00409_49130_0055.N1	23-JUL-2011 08:47:16	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49130	No
99	GOM_NL__2PRFIN20110723_084846_000000513104_00409_49130_0056.N1	23-JUL-2011 08:48:46	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49130	No
100	GOM_NL__2PRFIN20110723_085202_000000503104_00409_49130_0057.N1	23-JUL-2011 08:52:02	Twi_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	49130	No
101	GOM_NL__2PRFIN20110723_085451_000000523104_00409_49130_0058.N1	23-JUL-2011 08:54:51	Twilight	51.500	146	25Eta Tau	2.8730	15200.	103	49130	No

102	GOM_NL__2PRFIN20110723_085627_000000503104_00409_49130_0059.N1	23-JUL-2011 08:56:27	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	49130	No
103	GOM_NL__2PRFIN20110723_090630_000000513104_00409_49130_0060.N1	23-JUL-2011 09:06:30	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49130	No
104	GOM_NL__2PRFIN20110723_091545_000000433104_00409_49130_0061.N1	23-JUL-2011 09:15:45	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49130	No
105	GOM_NL__2PRFIN20110723_092139_000000433104_00410_49131_0107.N1	23-JUL-2011 09:21:39	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49131	No
106	GOM_NL__2PRFIN20110723_092535_000000623104_00410_49131_0108.N1	23-JUL-2011 09:25:35	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	49131	No
107	GOM_NL__2PRFIN20110723_093201_000000463104_00410_49131_0109.N1	23-JUL-2011 09:32:01	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49131	No
108	GOM_NL__2PRFIN20110723_093513_000000493104_00410_49131_0110.N1	23-JUL-2011 09:35:13	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49131	No
109	GOM_NL__2PRFIN20110723_095214_000000423104_00410_49131_0111.N1	23-JUL-2011 09:52:14	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49131	No
110	GOM_NL__2PRFIN20110723_100149_000000523104_00410_49131_0112.N1	23-JUL-2011 10:01:49	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	49131	No
111	GOM_NL__2PRFIN20110723_100445_000000463104_00410_49131_0113.N1	23-JUL-2011 10:04:45	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49131	No
112	GOM_NL__2PRFIN20110723_100959_000000423104_00410_49131_0114.N1	23-JUL-2011 10:09:59	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49131	No
113	GOM_NL__2PRFIN20110723_101843_000000613104_00410_49131_0115.N1	23-JUL-2011 10:18:43	Bright	61.000	76	27Gam Cas	2.3000	30000.	122	49131	No
114	GOM_NL__2PRFIN20110723_102426_000000653104_00410_49131_0116.N1	23-JUL-2011 10:24:26	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49131	No
115	GOM_NL__2PRFIN20110723_102556_000000453104_00410_49131_0117.N1	23-JUL-2011 10:25:56	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49131	No
116	GOM_NL__2PRFIN20110723_102730_000000393104_00410_49131_0118.N1	23-JUL-2011 10:27:30	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	49131	No
117	GOM_NL__2PRFIN20110723_102900_000000523104_00410_49131_0119.N1	23-JUL-2011 10:29:00	Bright	52.000	79	26Bet Per	2.3100	13100.	104	49131	No
118	GOM_NL__2PRFIN20110723_103216_000000503104_00410_49131_0120.N1	23-JUL-2011 10:32:16	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	49131	No
119	GOM_NL__2PRFIN20110723_103506_000000513104_00410_49131_0121.N1	23-JUL-2011 10:35:06	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49131	No
120	GOM_NL__2PRFIN20110723_103642_000000573104_00410_49131_0122.N1	23-JUL-2011 10:36:42	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49131	No
121	GOM_NL__2PRFIN20110723_104644_000000523104_00410_49131_0123.N1	23-JUL-2011 10:46:44	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	49131	No
122	GOM_NL__2PRFIN20110723_105559_000000453104_00410_49131_0124.N1	23-JUL-2011 10:55:59	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49131	No
123	GOM_NL__2PRFIN20110723_110154_000000433104_00411_49132_0138.N1	23-JUL-2011 11:01:54	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49132	No
124	GOM_NL__2PRFIN20110723_110550_000000563104_00411_49132_0139.N1	23-JUL-2011 11:05:50	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49132	No
125	GOM_NL__2PRFIN20110723_111216_000000483104_00411_49132_0140.N1	23-JUL-2011 11:12:16	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49132	No
126	GOM_NL__2PRFIN20110723_111527_000000493104_00411_49132_0141.N1	23-JUL-2011 11:15:27	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49132	No
127	GOM_NL__2PRFIN20110723_113228_000000403104_00411_49132_0142.N1	23-JUL-2011 11:32:28	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49132	No
128	GOM_NL__2PRFIN20110723_114202_000000523104_00411_49132_0143.N1	23-JUL-2011 11:42:02	Bright	51.500	92	53Eps Cyg	2.5000	4500.0	103	49132	No
129	GOM_NL__2PRFIN20110723_114459_000000483104_00411_49132_0144.N1	23-JUL-2011 11:44:59	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49132	No
130	GOM_NL__2PRFIN20110723_115013_000000423104_00411_49132_0145.N1	23-JUL-2011 11:50:13	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49132	No
131	GOM_NL__2PRFIN20110723_115856_000000493104_00411_49132_0146.N1	23-JUL-2011 11:58:56	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49132	No
132	GOM_NL__2PRFIN20110723_120439_000000463104_00411_49132_0147.N1	23-JUL-2011 12:04:39	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49132	No
133	GOM_NL__2PRFIN20110723_120609_000000473104_00411_49132_0148.N1	23-JUL-2011 12:06:09	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	49132	No
134	GOM_NL__2PRFIN20110723_120744_000000383104_00411_49132_0149.N1	23-JUL-2011 12:07:44	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49132	No
135	GOM_NL__2PRFIN20110723_120914_000000523104_00411_49132_0150.N1	23-JUL-2011 12:09:14	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49132	No
136	GOM_NL__2PRFIN20110723_121230_000000503104_00411_49132_0151.N1	23-JUL-2011 12:12:30	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	49132	No
137	GOM_NL__2PRFIN20110723_121520_000000513104_00411_49132_0152.N1	23-JUL-2011 12:15:20	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	49132	No
138	GOM_NL__2PRFIN20110723_121656_000000463104_00411_49132_0153.N1	23-JUL-2011 12:16:56	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	49132	No
139	GOM_NL__2PRFIN20110723_122659_000000503104_00411_49132_0154.N1	23-JUL-2011 12:26:59	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49132	No
140	GOM_NL__2PRFIN20110723_123614_000000463104_00411_49132_0155.N1	23-JUL-2011 12:36:14	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49132	No
141	GOM_NL__2PRFIN20110723_124208_000000453104_00412_49133_0180.N1	23-JUL-2011 12:42:08	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49133	No
142	GOM_NL__2PRFIN20110723_124605_000000543104_00412_49133_0181.N1	23-JUL-2011 12:46:05	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49133	No
143	GOM_NL__2PRFIN20110723_125230_000000463104_00412_49133_0182.N1	23-JUL-2011 12:52:30	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49133	No
144	GOM_NL__2PRFIN20110723_125542_000000483104_00412_49133_0183.N1	23-JUL-2011 12:55:42	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49133	No
145	GOM_NL__2PRFIN20110723_131241_000000443104_00412_49133_0184.N1	23-JUL-2011 13:12:41	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49133	No
146	GOM_NL__2PRFIN20110723_132215_000000513104_00412_49133_0185.N1	23-JUL-2011 13:22:15	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	49133	No
147	GOM_NL__2PRFIN20110723_132512_000000473104_00412_49133_0186.N1	23-JUL-2011 13:25:12	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49133	No
148	GOM_NL__2PRFIN20110723_133026_000000423104_00412_49133_0187.N1	23-JUL-2011 13:30:26	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49133	No
149	GOM_NL__2PRFIN20110723_133909_000000493104_00412_49133_0188.N1	23-JUL-2011 13:39:09	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49133	No
150	GOM_NL__2PRFIN20110723_134453_000000453104_00412_49133_0189.N1	23-JUL-2011 13:44:53	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49133	No
151	GOM_NL__2PRFIN20110723_134623_000000643104_00412_49133_0190.N1	23-JUL-2011 13:46:23	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49133	No
152	GOM_NL__2PRFIN20110723_134758_000000383104_00412_49133_0191.N1	23-JUL-2011 13:47:58	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49133	No
153	GOM_NL__2PRFIN20110723_134927_000000533104_00412_49133_0192.N1	23-JUL-2011 13:49:27	Bright	52.500	79	26Bet Per	2.3100	13100.	105	49133	No
154	GOM_NL__2PRFIN20110723_135244_000000503104_00412_49133_0193.N1	23-JUL-2011 13:52:44	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	49133	No
155	GOM_NL__2PRFIN20110723_135534_000000493104_00412_49133_0194.N1	23-JUL-2011 13:55:34	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	49133	No
156	GOM_NL__2PRFIN20110723_135710_000000483104_00412_49133_0195.N1	23-JUL-2011 13:57:10	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49133	No
157	GOM_NL__2PRFIN20110723_140714_000000513104_00412_49133_0196.N1	23-JUL-2011 14:07:14	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49133	No
158	GOM_NL__2PRFIN20110723_141629_000000443104_00412_49133_0197.N1	23-JUL-2011 14:16:29	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49133	No
159	GOM_NL__2PRFIN20110723_142223_000000433104_00413_49134_0238.N1	23-JUL-2011 14:22:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49134	No
160	GOM_NL__2PRFIN20110723_142620_000000553104_00413_49134_0239.N1	23-JUL-2011 14:26:20	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49134	No



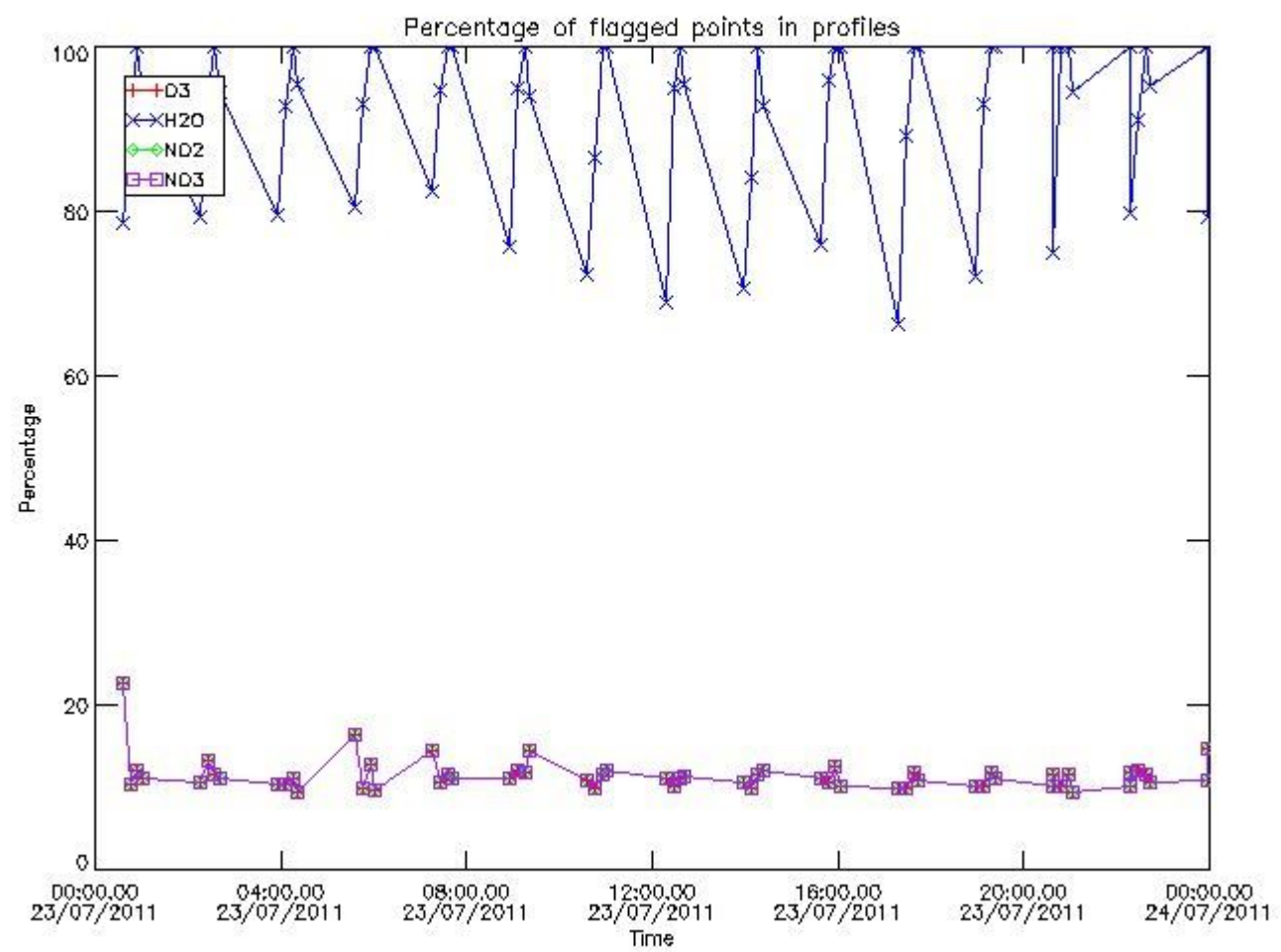
161	GOM_NL__2PRFIN20110723_143245_000000463104_00413_49134_0240.N1	23-JUL-2011 14:32:45	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49134	No
162	GOM_NL__2PRFIN20110723_143556_000000483104_00413_49134_0241.N1	23-JUL-2011 14:35:56	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49134	No
163	GOM_NL__2PRFIN20110723_145255_000000423104_00413_49134_0242.N1	23-JUL-2011 14:52:55	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49134	No
164	GOM_NL__2PRFIN20110723_150228_000000513104_00413_49134_0243.N1	23-JUL-2011 15:02:28	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	49134	No
165	GOM_NL__2PRFIN20110723_150526_000000443104_00413_49134_0244.N1	23-JUL-2011 15:05:26	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	49134	No
166	GOM_NL__2PRFIN20110723_151040_000000433104_00413_49134_0245.N1	23-JUL-2011 15:10:40	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49134	No
167	GOM_NL__2PRFIN20110723_151923_000000503104_00413_49134_0246.N1	23-JUL-2011 15:19:23	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	49134	No
168	GOM_NL__2PRFIN20110723_152507_000000443104_00413_49134_0247.N1	23-JUL-2011 15:25:07	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	49134	No
169	GOM_NL__2PRFIN20110723_152637_000000583104_00413_49134_0248.N1	23-JUL-2011 15:26:37	Bright	58.000	35	33Alp Per	1.7950	6250.0	116	49134	No
170	GOM_NL__2PRFIN20110723_152812_000000393104_00413_49134_0249.N1	23-JUL-2011 15:28:12	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49134	No
171	GOM_NL__2PRFIN20110723_152942_000000513104_00413_49134_0250.N1	23-JUL-2011 15:29:42	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49134	No
172	GOM_NL__2PRFIN20110723_153259_000000483104_00413_49134_0251.N1	23-JUL-2011 15:32:59	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49134	No
173	GOM_NL__2PRFIN20110723_153548_000000503104_00413_49134_0252.N1	23-JUL-2011 15:35:48	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49134	No
174	GOM_NL__2PRFIN20110723_153724_000000513104_00413_49134_0253.N1	23-JUL-2011 15:37:24	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	49134	No
175	GOM_NL__2PRFIN20110723_154728_000000483104_00413_49134_0254.N1	23-JUL-2011 15:47:28	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49134	No
176	GOM_NL__2PRFIN20110723_155644_000000453104_00413_49134_0255.N1	23-JUL-2011 15:56:44	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49134	No
177	GOM_NL__2PRFIN20110723_160238_000000513104_00414_49135_0285.N1	23-JUL-2011 16:02:38	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49135	No
178	GOM_NL__2PRFIN20110723_160635_000000553104_00414_49135_0286.N1	23-JUL-2011 16:06:35	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49135	No
179	GOM_NL__2PRFIN20110723_161300_000000463104_00414_49135_0287.N1	23-JUL-2011 16:13:00	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49135	No
180	GOM_NL__2PRFIN20110723_161611_000000483104_00414_49135_0288.N1	23-JUL-2011 16:16:11	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49135	No
181	GOM_NL__2PRFIN20110723_163309_000000453104_00414_49135_0289.N1	23-JUL-2011 16:33:09	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	49135	No
182	GOM_NL__2PRFIN20110723_164242_000000503104_00414_49135_0290.N1	23-JUL-2011 16:42:42	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	49135	No
183	GOM_NL__2PRFIN20110723_164539_000000473104_00414_49135_0291.N1	23-JUL-2011 16:45:39	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49135	No
184	GOM_NL__2PRFIN20110723_165053_000000433104_00414_49135_0292.N1	23-JUL-2011 16:50:53	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49135	No
185	GOM_NL__2PRFIN20110723_165936_000000463104_00414_49135_0293.N1	23-JUL-2011 16:59:36	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	49135	No
186	GOM_NL__2PRFIN20110723_170521_000000643104_00414_49135_0294.N1	23-JUL-2011 17:05:21	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	49135	No
187	GOM_NL__2PRFIN20110723_170651_000000643104_00414_49135_0295.N1	23-JUL-2011 17:06:51	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49135	No
188	GOM_NL__2PRFIN20110723_170826_000000383104_00414_49135_0296.N1	23-JUL-2011 17:08:26	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	49135	No
189	GOM_NL__2PRFIN20110723_170955_000000523104_00414_49135_0297.N1	23-JUL-2011 17:09:55	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49135	No
190	GOM_NL__2PRFIN20110723_171313_000000513104_00414_49135_0298.N1	23-JUL-2011 17:13:13	Twilight	50.500	150	44Zet Per	2.8900	28000.	101	49135	No
191	GOM_NL__2PRFIN20110723_171603_000000513104_00414_49135_0299.N1	23-JUL-2011 17:16:03	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	49135	No
192	GOM_NL__2PRFIN20110723_171739_000000513104_00414_49135_0300.N1	23-JUL-2011 17:17:39	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49135	No
193	GOM_NL__2PRFIN20110723_172743_000000513104_00414_49135_0301.N1	23-JUL-2011 17:27:43	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49135	No
194	GOM_NL__2PRFIN20110723_173659_000000443104_00414_49135_0302.N1	23-JUL-2011 17:36:59	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49135	No
195	GOM_NL__2PRFIN20110723_174252_000000473104_00415_49136_0391.N1	23-JUL-2011 17:42:52	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49136	No
196	GOM_NL__2PRFIN20110723_174651_000000573104_00415_49136_0392.N1	23-JUL-2011 17:46:51	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49136	No
197	GOM_NL__2PRFIN20110723_175314_000000453104_00415_49136_0393.N1	23-JUL-2011 17:53:14	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49136	No
198	GOM_NL__2PRFIN20110723_175626_000000483104_00415_49136_0394.N1	23-JUL-2011 17:56:26	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49136	No
199	GOM_NL__2PRFIN20110723_181323_000000413104_00415_49136_0395.N1	23-JUL-2011 18:13:23	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49136	No
200	GOM_NL__2PRFIN20110723_182255_000000483104_00415_49136_0396.N1	23-JUL-2011 18:22:55	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	49136	No
201	GOM_NL__2PRFIN20110723_182552_000000663104_00415_49136_0397.N1	23-JUL-2011 18:25:52	Bright	66.000	19	50Alp Cyg	1.2460	10500.	132	49136	No
202	GOM_NL__2PRFIN20110723_183107_000000433104_00415_49136_0398.N1	23-JUL-2011 18:31:07	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49136	No
203	GOM_NL__2PRFIN20110723_183949_000000513104_00415_49136_0399.N1	23-JUL-2011 18:39:49	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	49136	No
204	GOM_NL__2PRFIN20110723_184534_000000463104_00415_49136_0400.N1	23-JUL-2011 18:45:34	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49136	No
205	GOM_NL__2PRFIN20110723_184704_000000653104_00415_49136_0401.N1	23-JUL-2011 18:47:04	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	49136	No
206	GOM_NL__2PRFIN20110723_184840_000000393104_00415_49136_0402.N1	23-JUL-2011 18:48:40	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49136	No
207	GOM_NL__2PRFIN20110723_185009_000000533104_00415_49136_0403.N1	23-JUL-2011 18:50:09	Bright	53.000	79	26Bet Per	2.3100	13100.	106	49136	No
208	GOM_NL__2PRFIN20110723_185327_000000503104_00415_49136_0404.N1	23-JUL-2011 18:53:27	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49136	No
209	GOM_NL__2PRFIN20110723_185617_000000503104_00415_49136_0405.N1	23-JUL-2011 18:56:17	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49136	No
210	GOM_NL__2PRFIN20110723_185753_000000513104_00415_49136_0406.N1	23-JUL-2011 18:57:53	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	49136	No
211	GOM_NL__2PRFIN20110723_190758_000000503104_00415_49136_0407.N1	23-JUL-2011 19:07:58	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49136	No
212	GOM_NL__2PRFIN20110723_191713_000000443104_00415_49136_0408.N1	23-JUL-2011 19:17:13	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49136	No
213	GOM_NL__2PRFIN20110723_192307_000000463104_00416_49137_0426.N1	23-JUL-2011 19:23:07	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49137	No
214	GOM_NL__2PRFIN20110723_192706_000000583104_00416_49137_0427.N1	23-JUL-2011 19:27:06	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	49137	No
215	GOM_NL__2PRFIN20110723_193329_000000463104_00416_49137_0428.N1	23-JUL-2011 19:33:29	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49137	No
216	GOM_NL__2PRFIN20110723_193640_000000473104_00416_49137_0429.N1	23-JUL-2011 19:36:40	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49137	No
217	GOM_NL__2PRFIN20110723_195337_000000413104_00416_49137_0430.N1	23-JUL-2011 19:53:37	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49137	No
218	GOM_NL__2PRFIN20110723_200308_000000513104_00416_49137_0431.N1	23-JUL-2011 20:03:08	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	49137	No
219	GOM_NL__2PRFIN20110723_200606_000000473104_00416_49137_0432.N1	23-JUL-2011 20:06:06	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49137	No

220	GOM_NL__2PRFIN20110723_201120_000000433104_00416_49137_0433.N1	23-JUL-2011 20:11:20	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49137	No
221	GOM_NL__2PRFIN20110723_202003_000000493104_00416_49137_0434.N1	23-JUL-2011 20:20:03	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49137	No
222	GOM_NL__2PRFIN20110723_202548_000000653104_00416_49137_0435.N1	23-JUL-2011 20:25:48	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49137	No
223	GOM_NL__2PRFIN20110723_202718_000000543104_00416_49137_0436.N1	23-JUL-2011 20:27:18	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	49137	No
224	GOM_NL__2PRFIN20110723_202854_000000383104_00416_49137_0437.N1	23-JUL-2011 20:28:54	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49137	No
225	GOM_NL__2PRFIN20110723_203023_000000563104_00416_49137_0438.N1	23-JUL-2011 20:30:23	Bright	55.500	79	26Bet Per	2.3100	13100.	111	49137	No
226	GOM_NL__2PRFIN20110723_203341_000000483104_00416_49137_0439.N1	23-JUL-2011 20:33:41	Tw_i_and_stray	47.500	150	44Zet Per	2.8900	28000.	95	49137	No
227	GOM_NL__2PRFIN20110723_203631_000000513104_00416_49137_0440.N1	23-JUL-2011 20:36:31	Dark	50.500	146	25Eta Tau	2.8730	15200.	101	49137	No
228	GOM_NL__2PRFIN20110723_203807_000000493104_00416_49137_0441.N1	23-JUL-2011 20:38:07	Dark	48.500	13	87Alp Tau	0.86700	3800.0	97	49137	No
229	GOM_NL__2PRFIN20110723_204812_000000503104_00416_49137_0442.N1	23-JUL-2011 20:48:12	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49137	No
230	GOM_NL__2PRFIN20110723_205728_000000453104_00416_49137_0443.N1	23-JUL-2011 20:57:28	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49137	No
231	GOM_NL__2PRFIN20110723_210322_000000543104_00417_49138_0467.N1	23-JUL-2011 21:03:22	Dark	54.000	9	Alp Eri	0.45300	24000.	108	49138	No
232	GOM_NL__2PRFIN20110723_210721_000000533104_00417_49138_0468.N1	23-JUL-2011 21:07:21	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49138	No
233	GOM_NL__2PRFIN20110723_211344_000000453104_00417_49138_0469.N1	23-JUL-2011 21:13:44	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49138	No
234	GOM_NL__2PRFIN20110723_211655_000000483104_00417_49138_0470.N1	23-JUL-2011 21:16:55	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49138	No
235	GOM_NL__2PRFIN20110723_213351_000000413104_00417_49138_0471.N1	23-JUL-2011 21:33:51	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49138	No
236	GOM_NL__2PRFIN20110723_214321_000000473104_00417_49138_0472.N1	23-JUL-2011 21:43:21	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	49138	No
237	GOM_NL__2PRFIN20110723_214619_000000473104_00417_49138_0473.N1	23-JUL-2011 21:46:19	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49138	No
238	GOM_NL__2PRFIN20110723_215134_000000433104_00417_49138_0474.N1	23-JUL-2011 21:51:34	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49138	No
239	GOM_NL__2PRFIN20110723_220016_000000493104_00417_49138_0475.N1	23-JUL-2011 22:00:16	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49138	No
240	GOM_NL__2PRFIN20110723_220602_000000653104_00417_49138_0476.N1	23-JUL-2011 22:06:02	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49138	No
241	GOM_NL__2PRFIN20110723_220732_000000453104_00417_49138_0477.N1	23-JUL-2011 22:07:32	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49138	No
242	GOM_NL__2PRFIN20110723_220908_000000393104_00417_49138_0478.N1	23-JUL-2011 22:09:08	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49138	No
243	GOM_NL__2PRFIN20110723_221037_000000533104_00417_49138_0479.N1	23-JUL-2011 22:10:37	Bright	53.000	79	26Bet Per	2.3100	13100.	106	49138	No
244	GOM_NL__2PRFIN20110723_221355_000000493104_00417_49138_0480.N1	23-JUL-2011 22:13:55	Tw_i_and_stray	49.000	150	44Zet Per	2.8900	28000.	98	49138	No
245	GOM_NL__2PRFIN20110723_221645_000000503104_00417_49138_0481.N1	23-JUL-2011 22:16:45	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	49138	No
246	GOM_NL__2PRFIN20110723_221822_000000483104_00417_49138_0482.N1	23-JUL-2011 22:18:22	Dark	47.500	13	87Alp Tau	0.86700	3800.0	95	49138	No
247	GOM_NL__2PRFIN20110723_222827_000000513104_00417_49138_0483.N1	23-JUL-2011 22:28:27	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49138	No
248	GOM_NL__2PRFIN20110723_223743_000000453104_00417_49138_0484.N1	23-JUL-2011 22:37:43	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49138	No
249	GOM_NL__2PRFIN20110723_224336_000000533104_00418_49139_0543.N1	23-JUL-2011 22:43:36	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49139	No
250	GOM_NL__2PRFIN20110723_224736_000000553104_00418_49139_0544.N1	23-JUL-2011 22:47:36	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49139	No
251	GOM_NL__2PRFIN20110723_225358_000000453104_00418_49139_0545.N1	23-JUL-2011 22:53:58	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49139	No
252	GOM_NL__2PRFIN20110723_225709_000000493104_00418_49139_0546.N1	23-JUL-2011 22:57:09	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	49139	No
253	GOM_NL__2PRFIN20110723_231404_000000413104_00418_49139_0547.N1	23-JUL-2011 23:14:04	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49139	No
254	GOM_NL__2PRFIN20110723_232335_000000503104_00418_49139_0548.N1	23-JUL-2011 23:23:35	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	49139	No
255	GOM_NL__2PRFIN20110723_232632_000000463104_00418_49139_0549.N1	23-JUL-2011 23:26:32	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49139	No
256	GOM_NL__2PRFIN20110723_233147_000000423104_00418_49139_0550.N1	23-JUL-2011 23:31:47	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49139	No
257	GOM_NL__2PRFIN20110723_234029_000000493104_00418_49139_0551.N1	23-JUL-2011 23:40:29	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49139	No
258	GOM_NL__2PRFIN20110723_234616_000000453104_00418_49139_0552.N1	23-JUL-2011 23:46:16	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49139	No
259	GOM_NL__2PRFIN20110723_234746_000000463104_00418_49139_0553.N1	23-JUL-2011 23:47:46	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49139	No
260	GOM_NL__2PRFIN20110723_234922_000000403104_00418_49139_0554.N1	23-JUL-2011 23:49:22	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49139	No
261	GOM_NL__2PRFIN20110723_235051_000000553104_00418_49139_0555.N1	23-JUL-2011 23:50:51	Bright	55.000	79	26Bet Per	2.3100	13100.	110	49139	No
262	GOM_NL__2PRFIN20110723_235409_000000513104_00418_49139_0556.N1	23-JUL-2011 23:54:09	Tw_i_and_stray	50.500	150	44Zet Per	2.8900	28000.	101	49139	No
263	GOM_NL__2PRFIN20110723_235700_000000523104_00418_49139_0557.N1	23-JUL-2011 23:57:00	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	49139	No
264	GOM_NL__2PRFIN20110723_235836_000000423104_00418_49139_0558.N1	23-JUL-2011 23:58:36	Dark	41.500	13	87Alp Tau	0.86700	3800.0	83	49139	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.

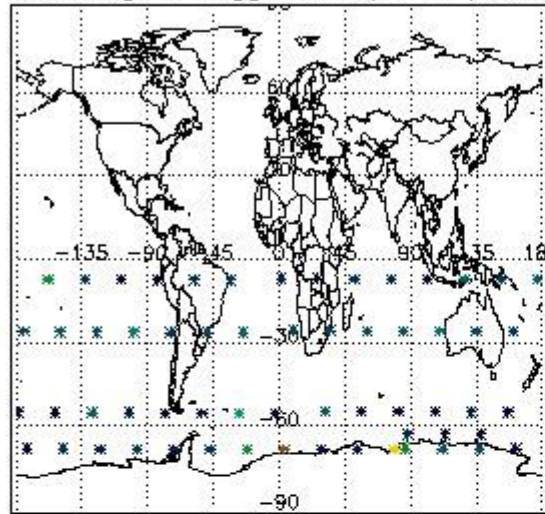
#### 3.1 Plot quality information per product (time dependant)



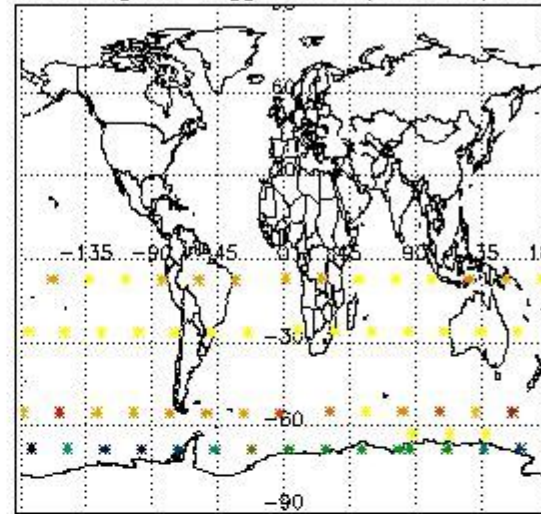
*3.2 Plot quality information per product (world map)*



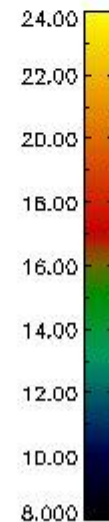
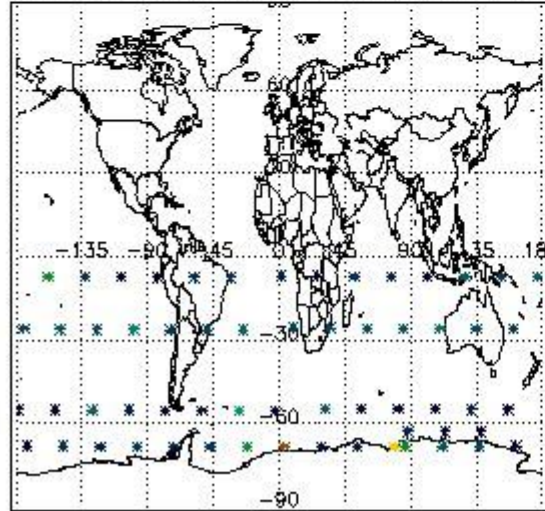
Percentage of flagged data per O3 profile



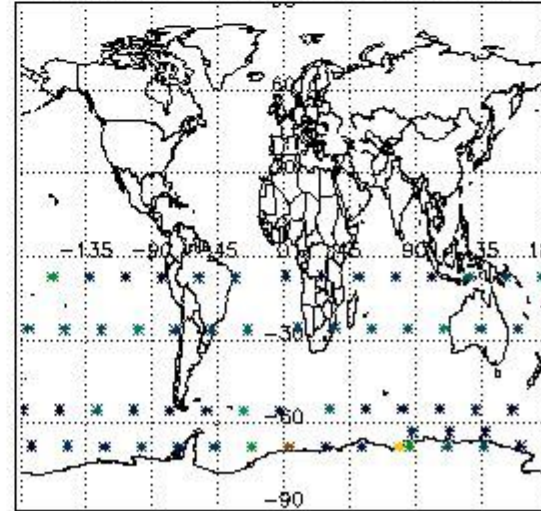
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



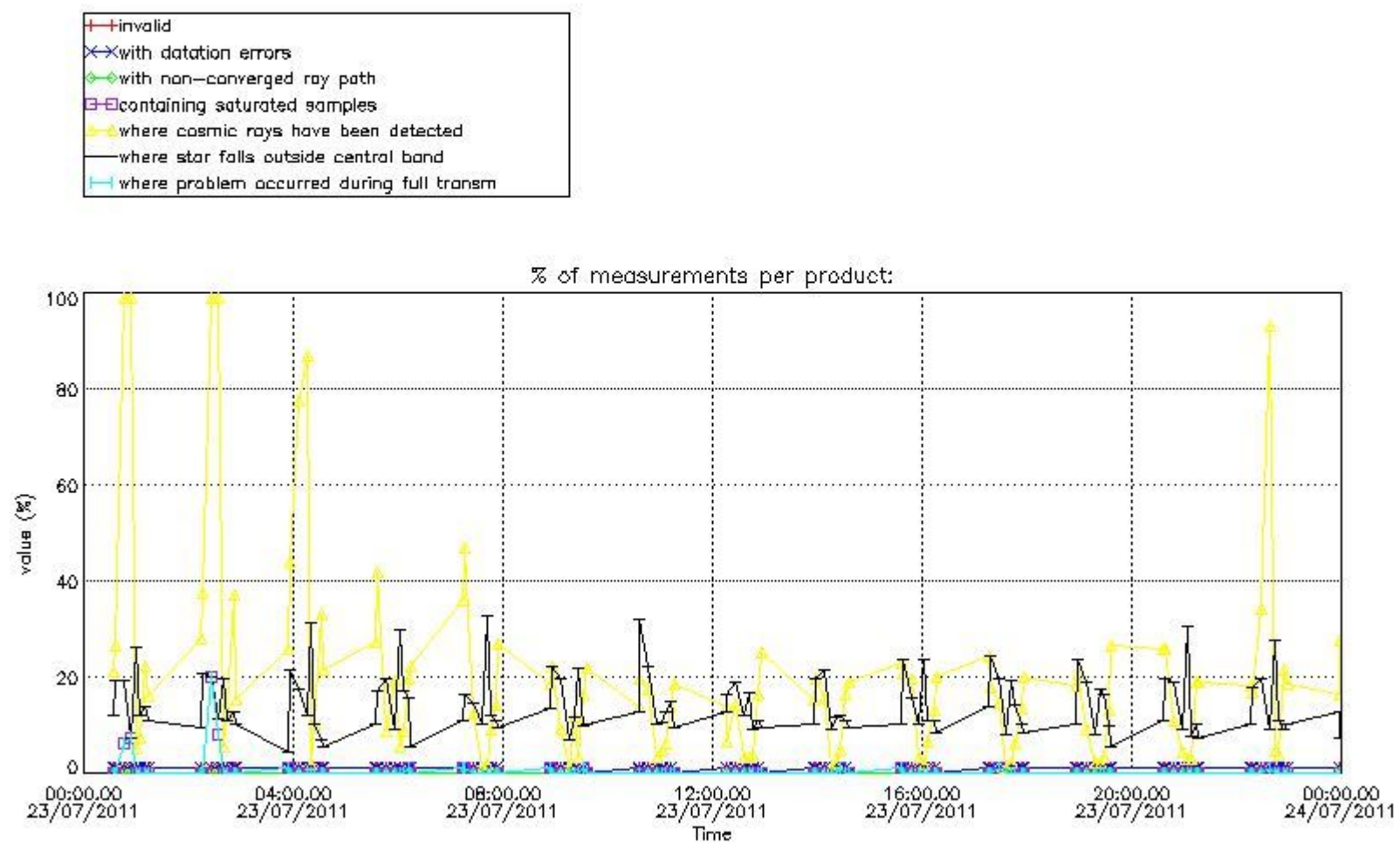
#### 4. Level 1 quality information per product

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.

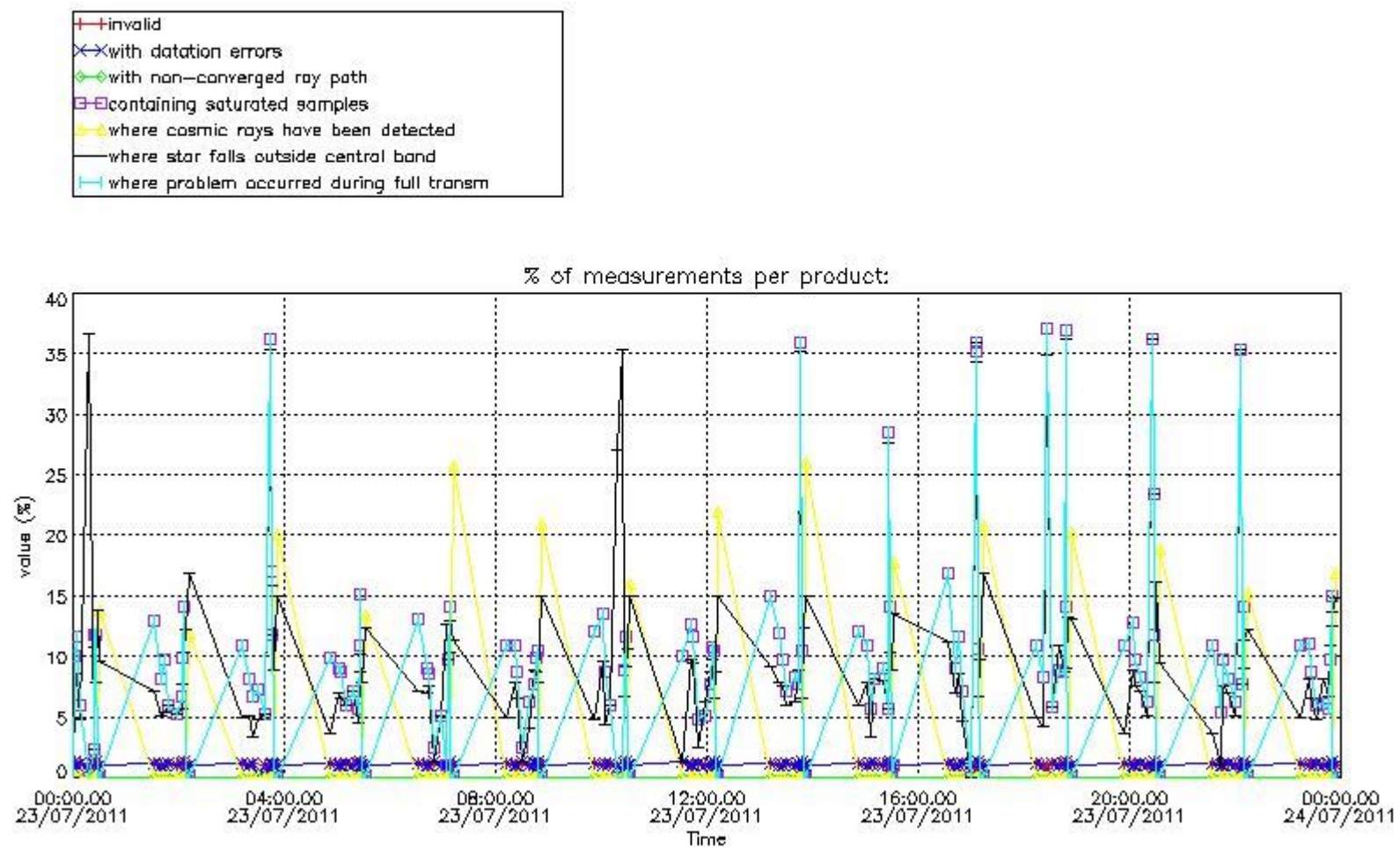
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





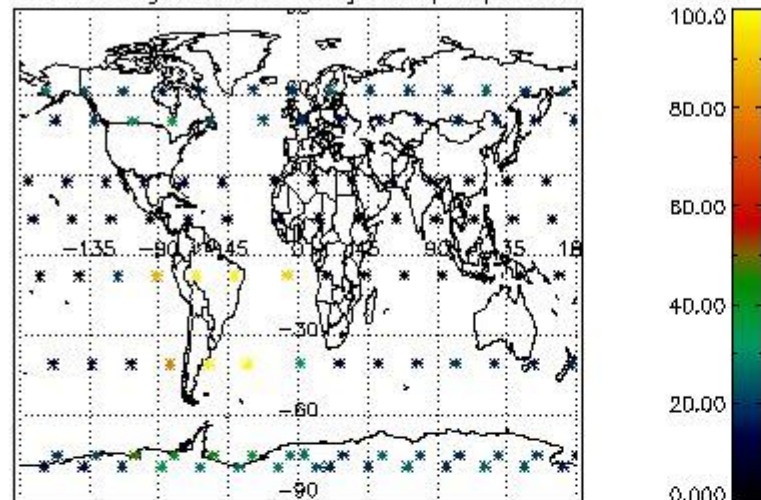
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



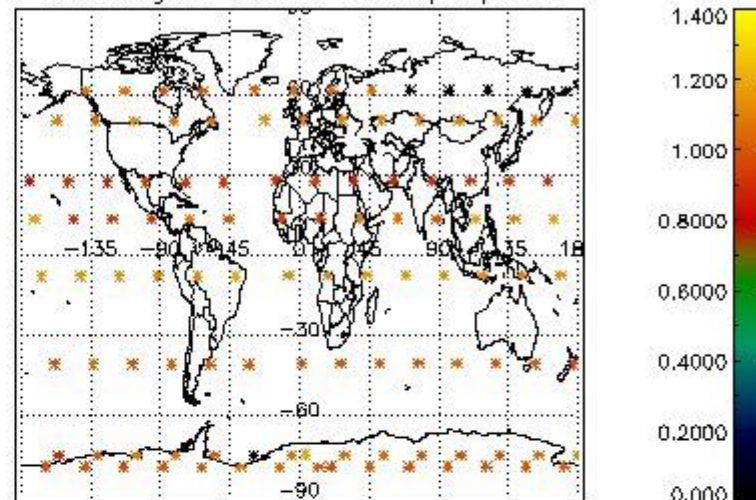
4.2 Plot quality information per product coming from level 1b processing (world map)

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

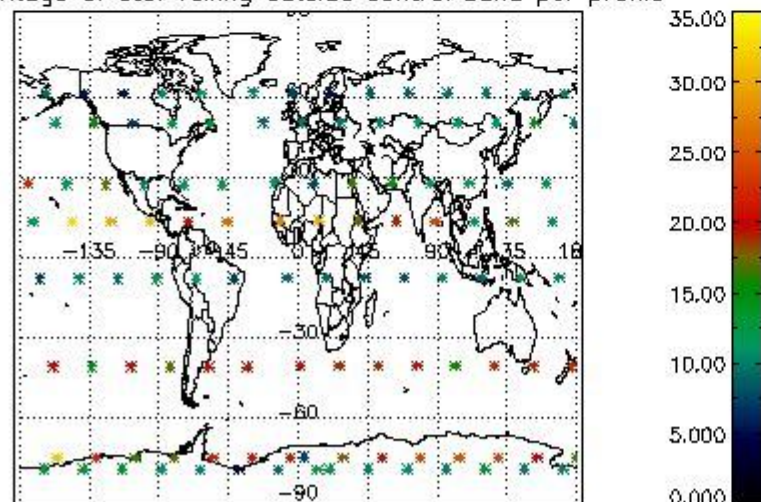
Percentage of cosmic ray hits per profile



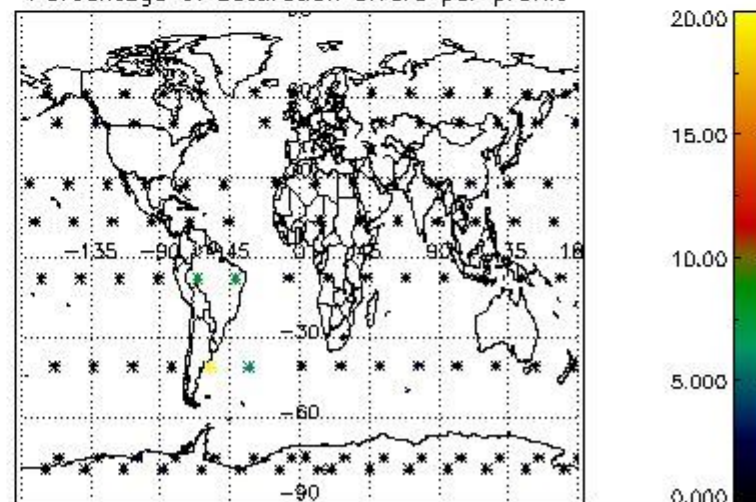
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

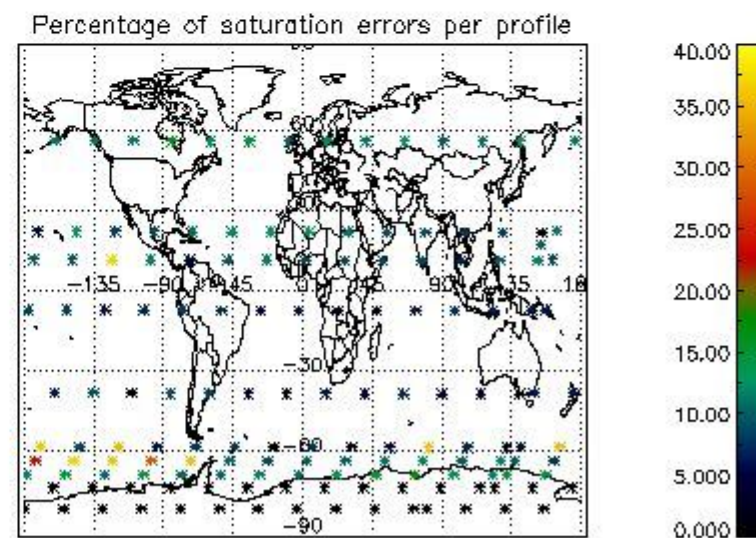
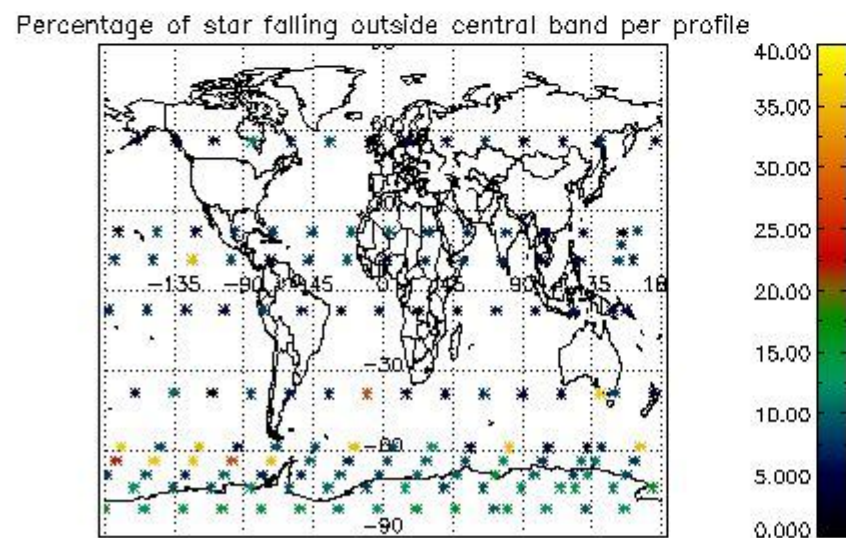
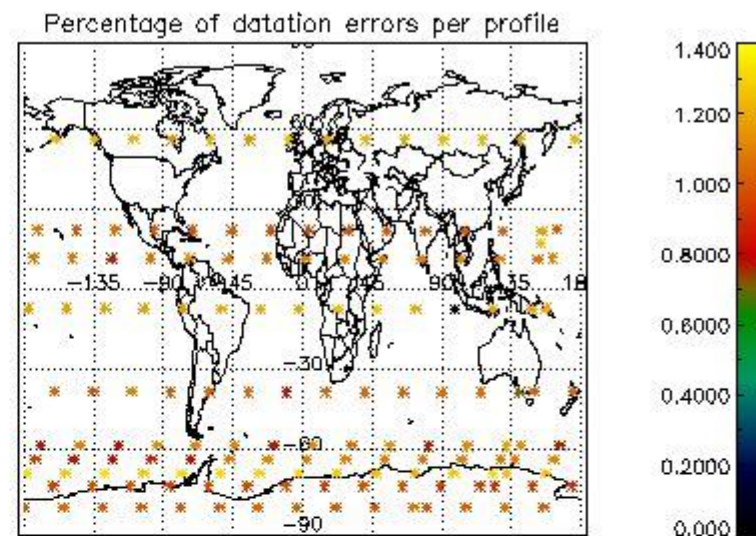
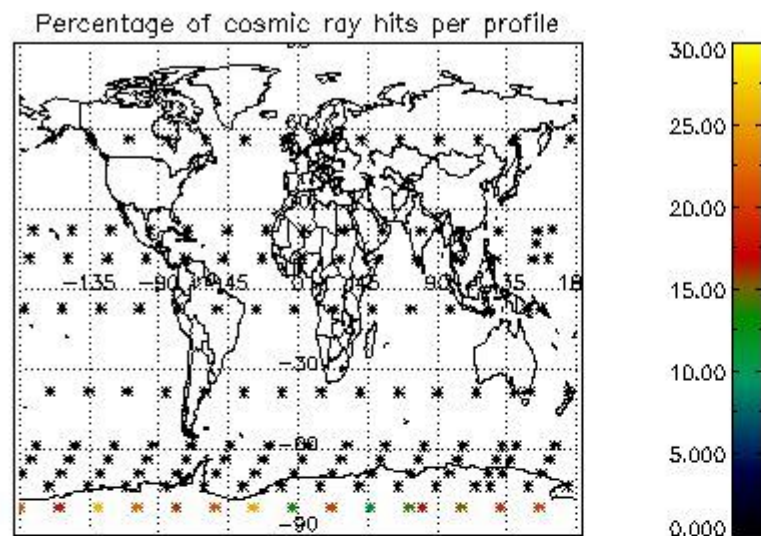


Percentage of saturation errors per profile



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.

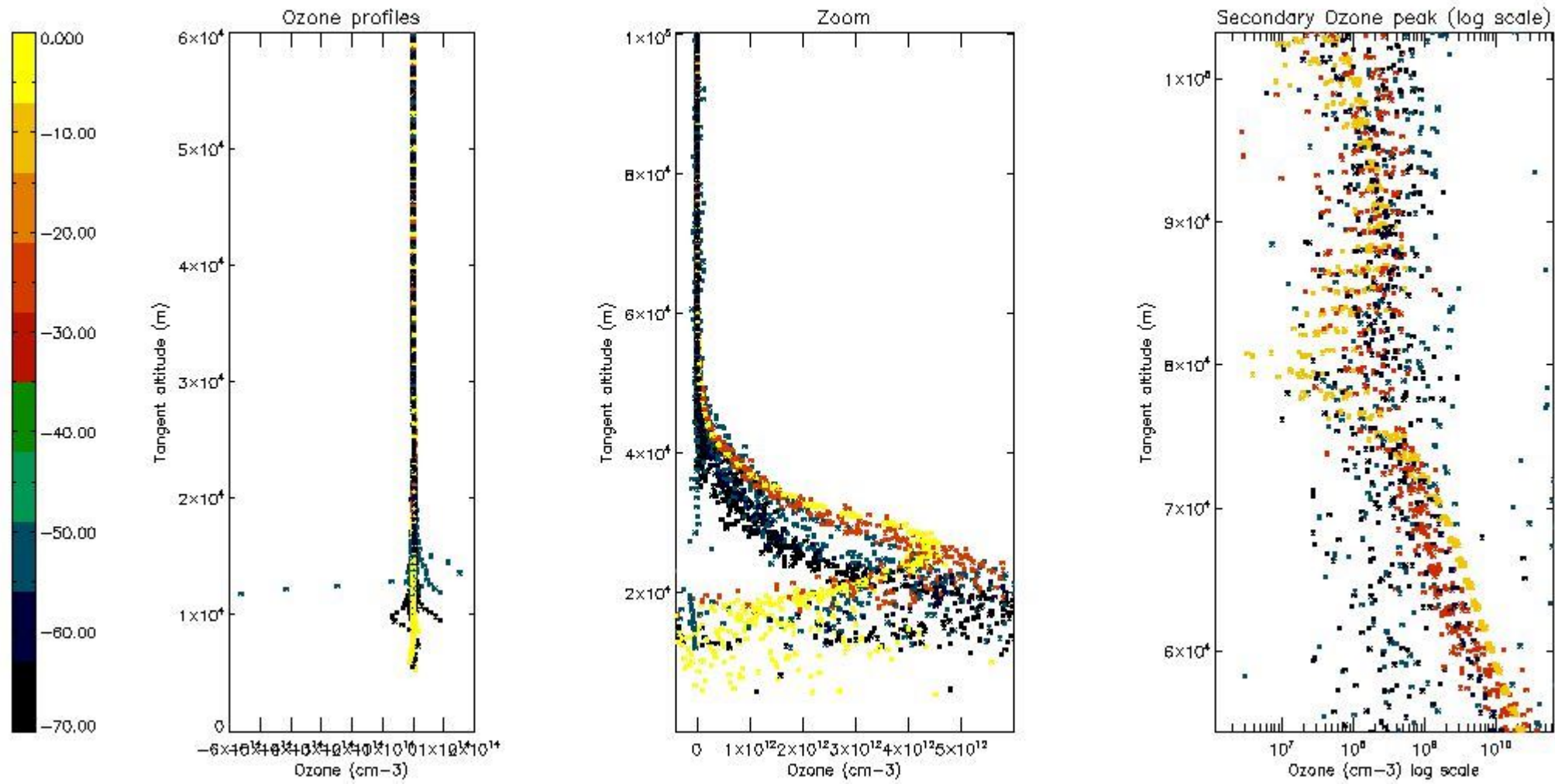
Criteria	% of total production
All STD	23
STD < 20	9



STD < 10	5
STD < 5	3

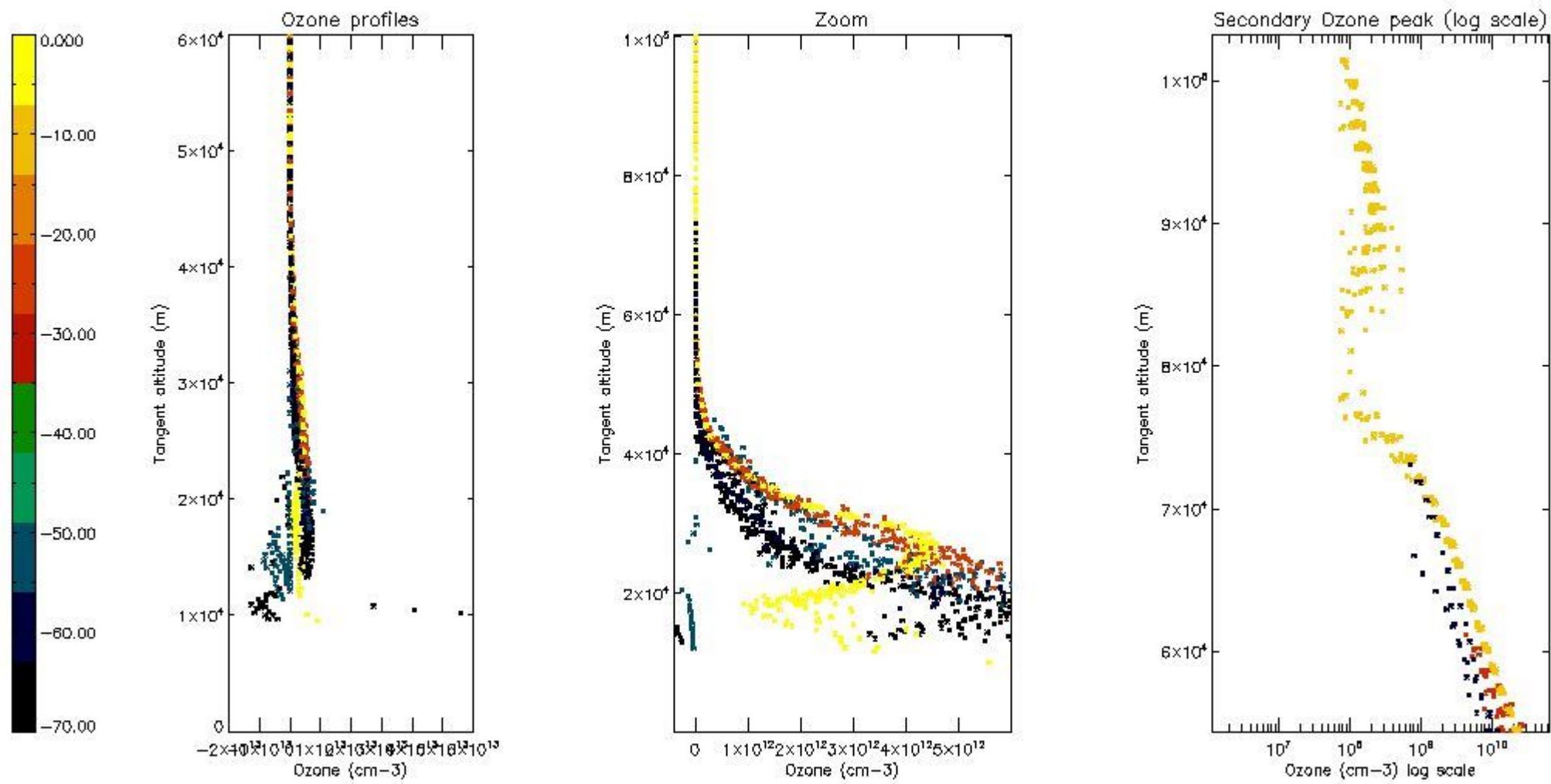
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



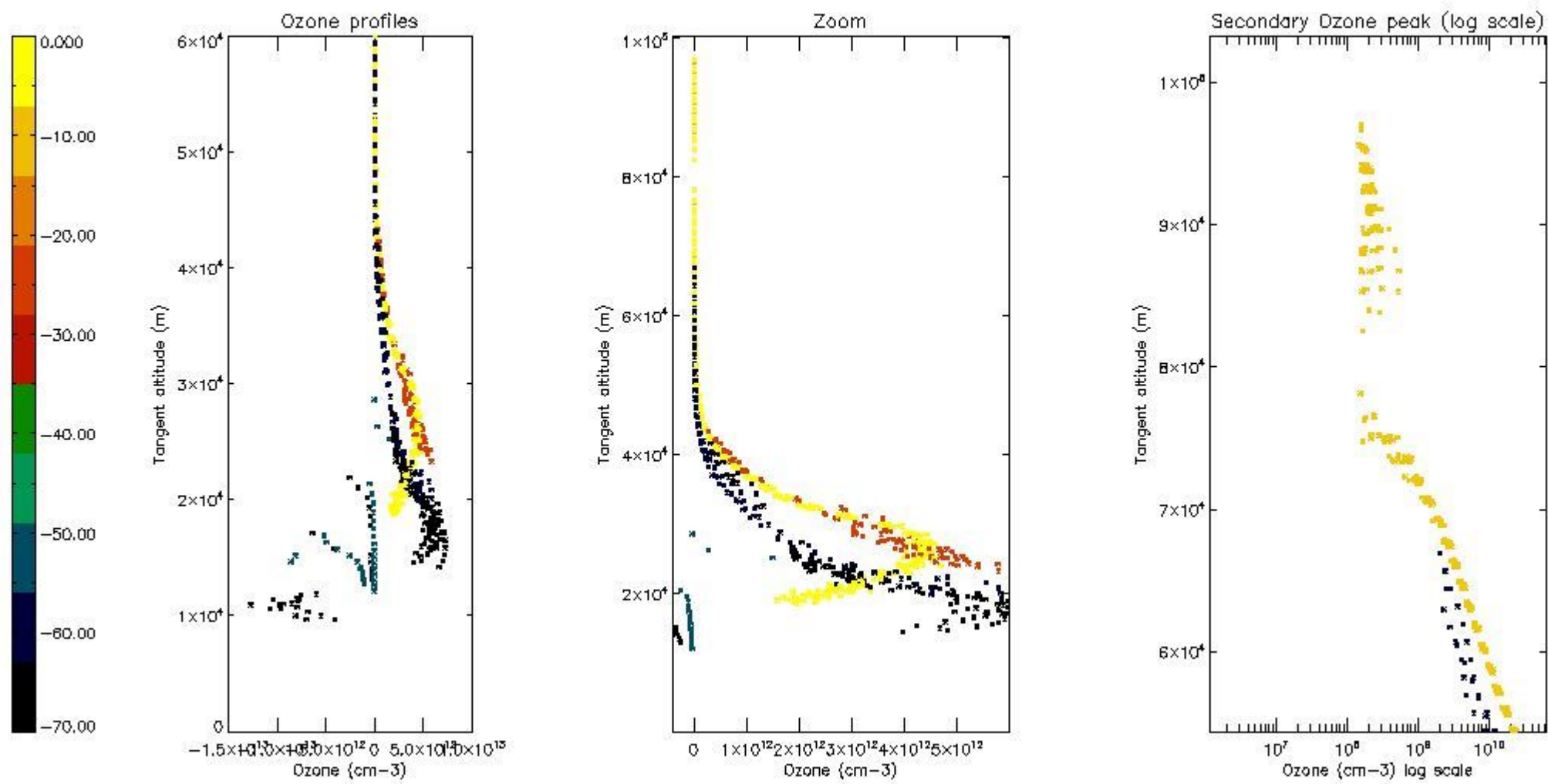
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



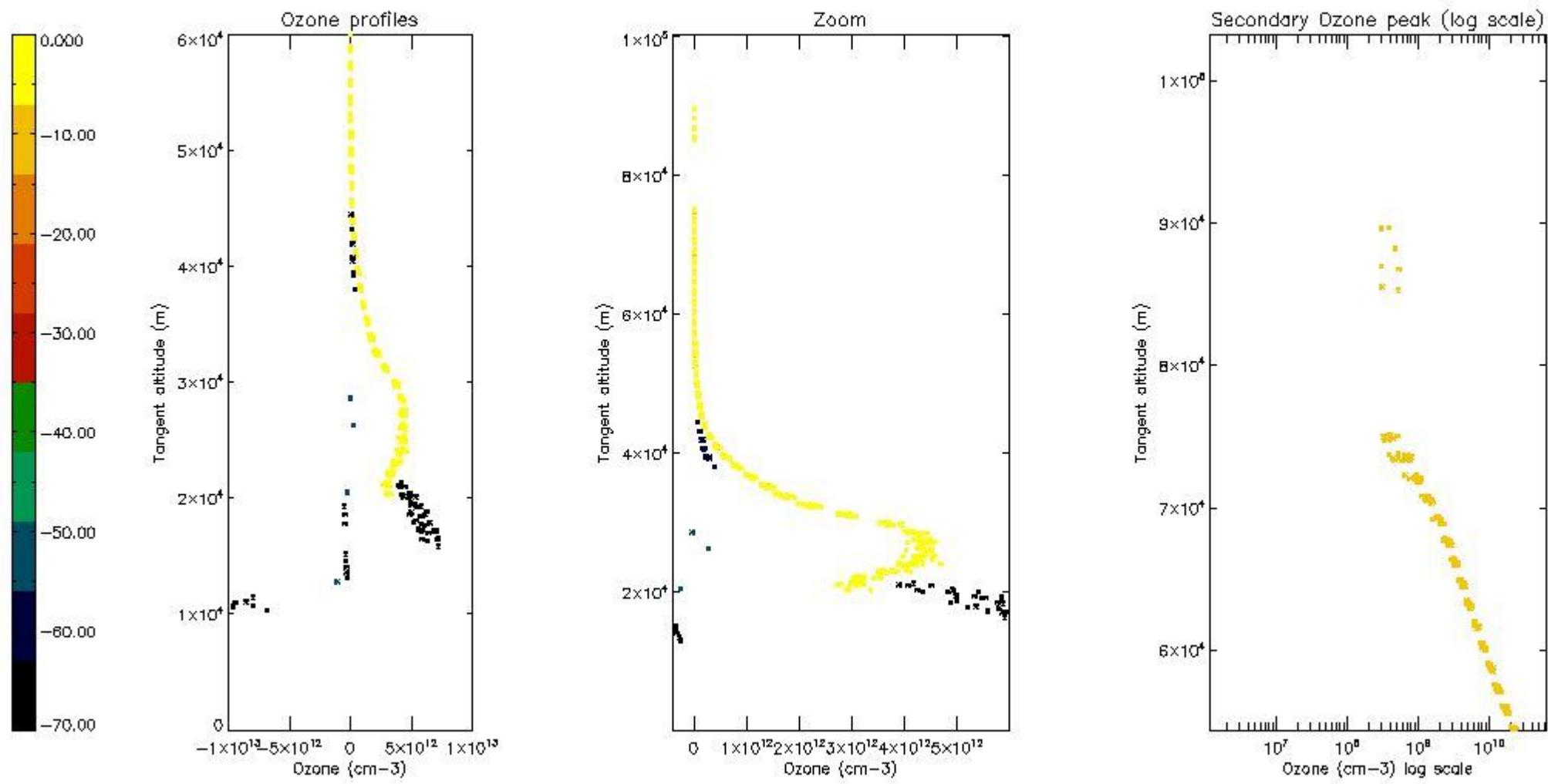
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

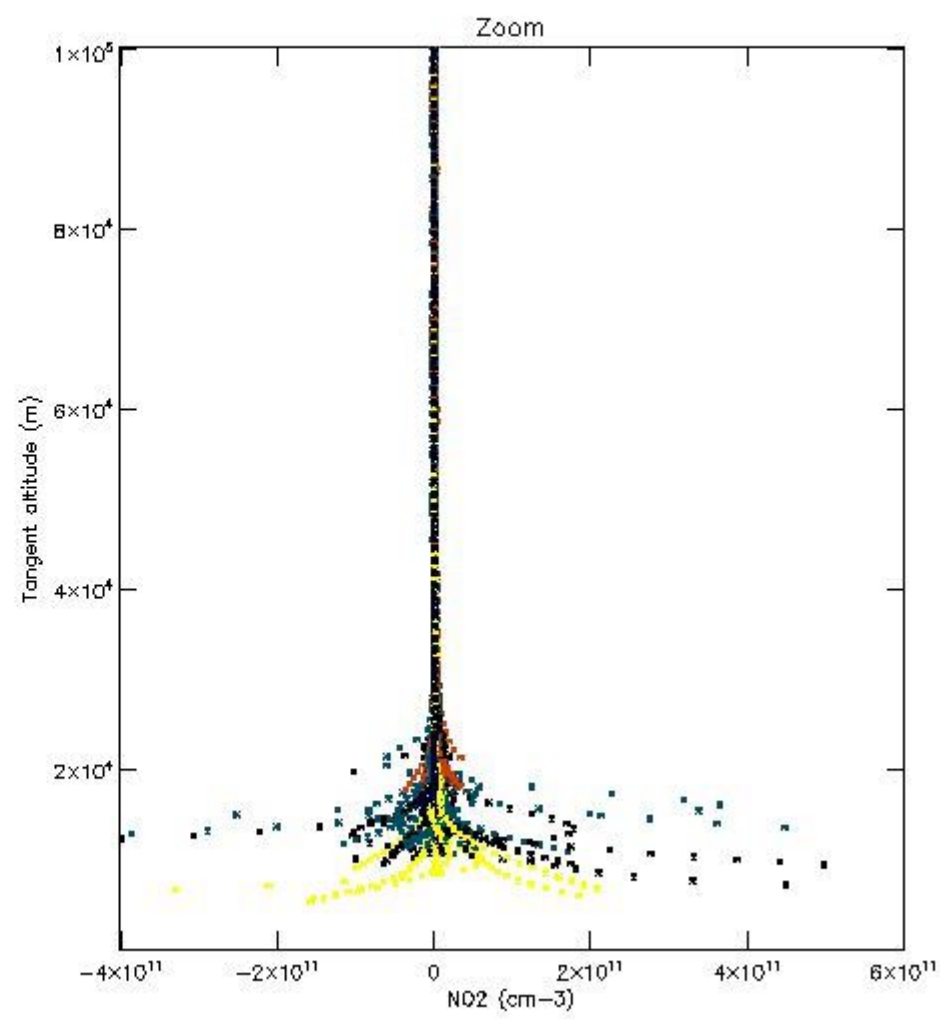
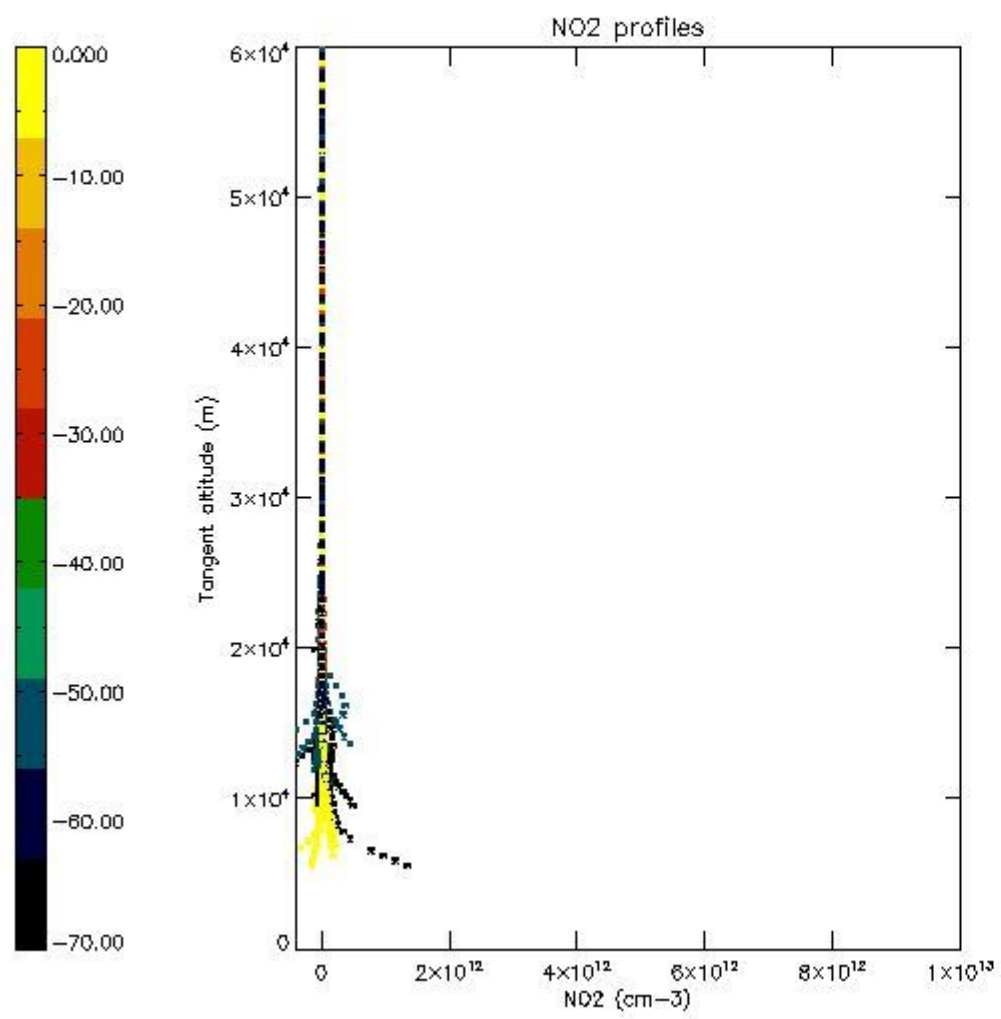
The colorbar represents the latitude.



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

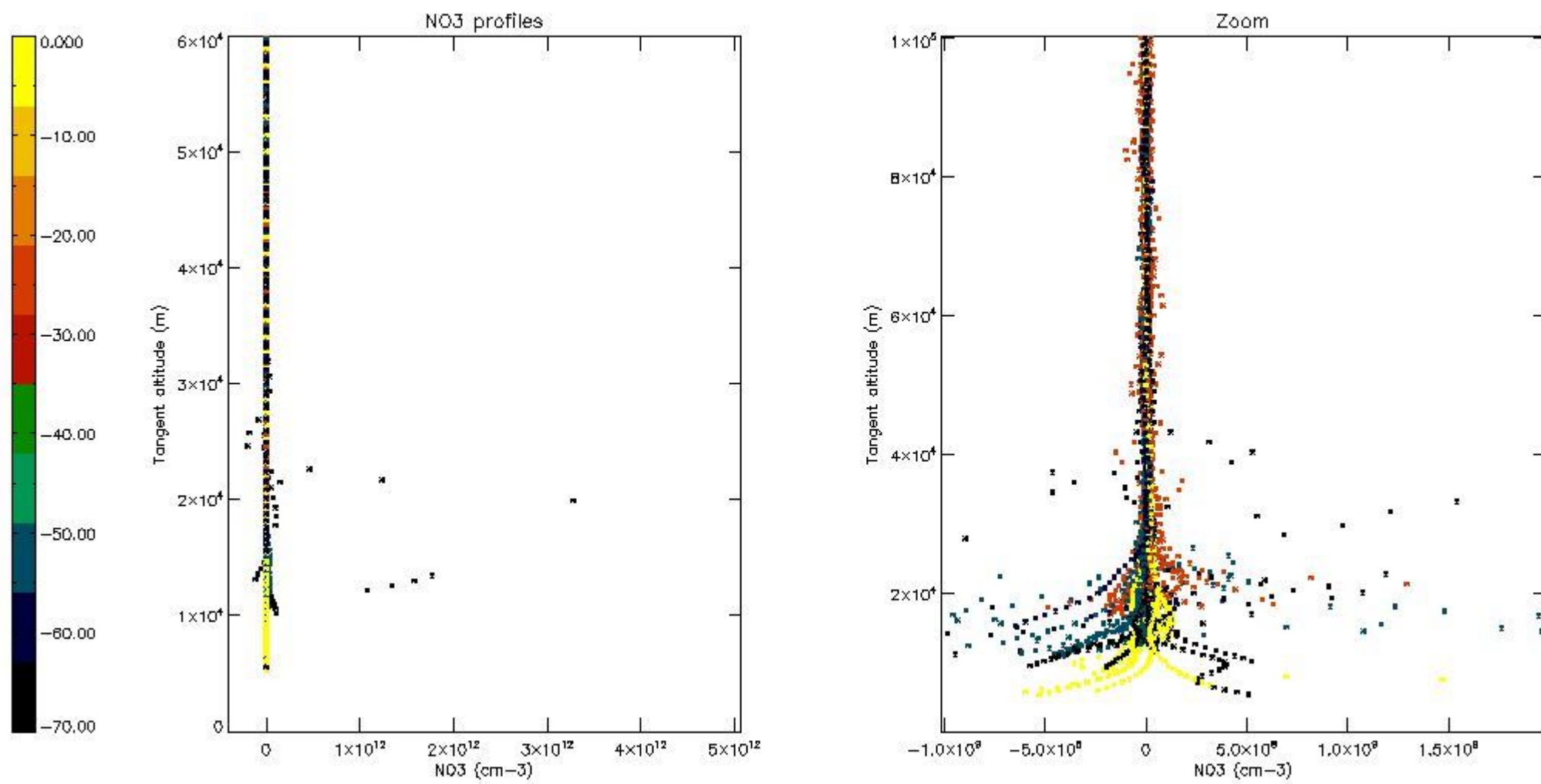
The colorbar represents the latitude.





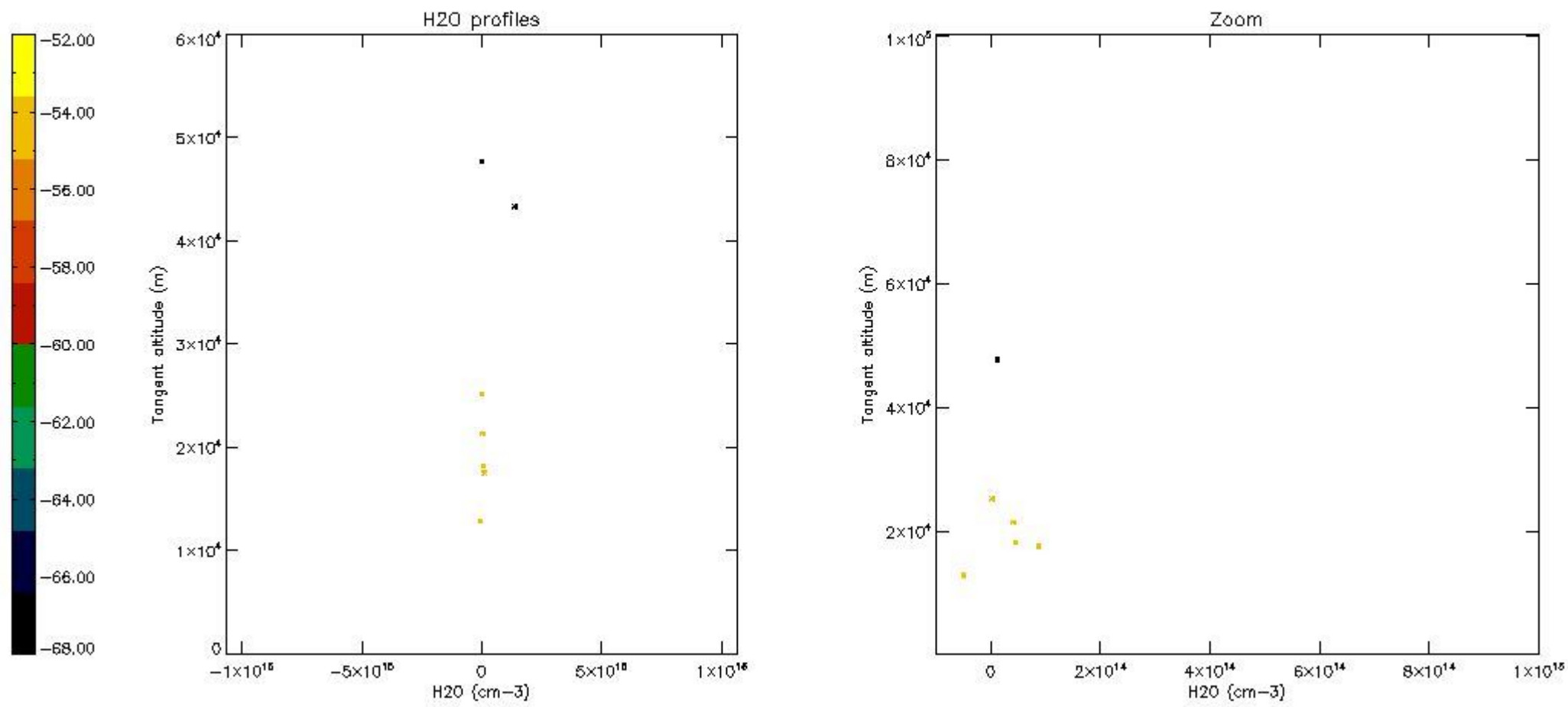
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	23-JUL-2011 00:00:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUL-2011 00:00:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUL-2011 00:00:30

# GOMOS Level 2 Daily Report

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



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

Item	Value
Time of report generation	24APR2013 16:04:39
Data source version	GOMOS/6.01
Start time of products	23-07-2011 (23JUL2011 00:00:00)
Stop time of products	24-07-2011 (24JUL2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	264
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110723_000030_000000433104_00404_49125_9930.N1	23-JUL-2011 00:00:30	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49125	No
2	GOM_NL__2PRFIN20110723_000142_000000403104_00404_49125_9931.N1	23-JUL-2011 00:01:42	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	49125	No
3	GOM_NL__2PRFIN20110723_000325_000000473104_00404_49125_9932.N1	23-JUL-2011 00:03:25	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49125	No
4	GOM_NL__2PRFIN20110723_000839_000000423104_00404_49125_9933.N1	23-JUL-2011 00:08:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49125	No
5	GOM_NL__2PRFIN20110723_001722_000000713104_00404_49125_9934.N1	23-JUL-2011 00:17:22	Bright	71.000	76	27Gam Cas	2.3000	30000.	142	49125	No
6	GOM_NL__2PRFIN20110723_002304_000000433104_00404_49125_9935.N1	23-JUL-2011 00:23:04	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	49125	No
7	GOM_NL__2PRFIN20110723_002433_000000473104_00404_49125_9936.N1	23-JUL-2011 00:24:33	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	49125	No
8	GOM_NL__2PRFIN20110723_002605_000000383104_00404_49125_9937.N1	23-JUL-2011 00:26:05	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49125	No
9	GOM_NL__2PRFIN20110723_002736_000000543104_00404_49125_9938.N1	23-JUL-2011 00:27:36	Bright	54.000	79	26Bet Per	2.3100	13100.	108	49125	No
10	GOM_NL__2PRFIN20110723_003052_000000473104_00404_49125_9939.N1	23-JUL-2011 00:30:52	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	49125	No
11	GOM_NL__2PRFIN20110723_003340_000000503104_00404_49125_9940.N1	23-JUL-2011 00:33:40	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49125	No
12	GOM_NL__2PRFIN20110723_003516_000000473104_00404_49125_9941.N1	23-JUL-2011 00:35:16	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	49125	No
13	GOM_NL__2PRFIN20110723_004516_000000503104_00404_49125_9942.N1	23-JUL-2011 00:45:16	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	49125	No
14	GOM_NL__2PRFIN20110723_005430_000000423104_00404_49125_9943.N1	23-JUL-2011 00:54:30	Dark	42.000	157	The1Eri	2.9060	9300.0	84	49125	No
15	GOM_NL__2PRFIN20110723_010026_000000503104_00405_49126_9977.N1	23-JUL-2011 01:00:26	Dark	50.000	9	Alp Eri	0.45300	24000.	100	49126	No
16	GOM_NL__2PRFIN20110723_010419_000000553104_00405_49126_9978.N1	23-JUL-2011 01:04:19	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49126	No
17	GOM_NL__2PRFIN20110723_011048_000000473104_00405_49126_9979.N1	23-JUL-2011 01:10:48	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49126	No
18	GOM_NL__2PRFIN20110723_011400_000000503104_00405_49126_9980.N1	23-JUL-2011 01:14:00	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	49126	No
19	GOM_NL__2PRFIN20110723_013105_000000433104_00405_49126_9981.N1	23-JUL-2011 01:31:05	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	49126	No
20	GOM_NL__2PRFIN20110723_014043_000000493104_00405_49126_9982.N1	23-JUL-2011 01:40:43	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	49126	No
21	GOM_NL__2PRFIN20110723_014339_000000463104_00405_49126_9983.N1	23-JUL-2011 01:43:39	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49126	No
22	GOM_NL__2PRFIN20110723_014852_000000423104_00405_49126_9984.N1	23-JUL-2011 01:48:52	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49126	No
23	GOM_NL__2PRFIN20110723_015736_000000483104_00405_49126_9985.N1	23-JUL-2011 01:57:36	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	49126	No
24	GOM_NL__2PRFIN20110723_020317_000000453104_00405_49126_9986.N1	23-JUL-2011 02:03:17	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49126	No
25	GOM_NL__2PRFIN20110723_020447_000000463104_00405_49126_9987.N1	23-JUL-2011 02:04:47	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49126	No
26	GOM_NL__2PRFIN20110723_020619_000000393104_00405_49126_9988.N1	23-JUL-2011 02:06:19	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49126	No
27	GOM_NL__2PRFIN20110723_020750_000000533104_00405_49126_9989.N1	23-JUL-2011 02:07:50	Bright	53.000	79	26Bet Per	2.3100	13100.	106	49126	No
28	GOM_NL__2PRFIN20110723_021106_000000513104_00405_49126_9990.N1	23-JUL-2011 02:11:06	Twilight	50.500	150	44Zet Per	2.8900	28000.	101	49126	No
29	GOM_NL__2PRFIN20110723_021354_000000493104_00405_49126_9991.N1	23-JUL-2011 02:13:54	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	49126	No
30	GOM_NL__2PRFIN20110723_021530_000000483104_00405_49126_9992.N1	23-JUL-2011 02:15:30	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49126	No
31	GOM_NL__2PRFIN20110723_022531_000000503104_00405_49126_9993.N1	23-JUL-2011 02:25:31	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49126	No
32	GOM_NL__2PRFIN20110723_023445_000000453104_00405_49126_9994.N1	23-JUL-2011 02:34:45	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49126	No
33	GOM_NL__2PRFIN20110723_024041_000000463104_00406_49127_9988.N1	23-JUL-2011 02:40:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49127	No
34	GOM_NL__2PRFIN20110723_024434_000000553104_00406_49127_9989.N1	23-JUL-2011 02:44:34	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49127	No
35	GOM_NL__2PRFIN20110723_025103_000000473104_00406_49127_9990.N1	23-JUL-2011 02:51:03	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49127	No
36	GOM_NL__2PRFIN20110723_025414_000000503104_00406_49127_9991.N1	23-JUL-2011 02:54:14	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	49127	No
37	GOM_NL__2PRFIN20110723_031119_000000413104_00406_49127_9992.N1	23-JUL-2011 03:11:19	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49127	No
38	GOM_NL__2PRFIN20110723_032056_000000493104_00406_49127_9993.N1	23-JUL-2011 03:20:56	Bright	49.000	92	53Eps Cyg	2.5000	4500.0	98	49127	No
39	GOM_NL__2PRFIN20110723_032352_000000453104_00406_49127_9994.N1	23-JUL-2011 03:23:52	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	49127	No
40	GOM_NL__2PRFIN20110723_032905_000000423104_00406_49127_9995.N1	23-JUL-2011 03:29:05	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49127	No
41	GOM_NL__2PRFIN20110723_033749_000000483104_00406_49127_9996.N1	23-JUL-2011 03:37:49	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	49127	No
42	GOM_NL__2PRFIN20110723_034331_000000653104_00406_49127_9997.N1	23-JUL-2011 03:43:31	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49127	No

43	GOM_NL__2PRFIN20110723_034500_000000473104_00406_49127_9998.N1	23-JUL-2011 03:45:00	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	49127	No
44	GOM_NL__2PRFIN20110723_034633_000000413104_00406_49127_9999.N1	23-JUL-2011 03:46:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	49127	No
45	GOM_NL__2PRFIN20110723_034804_000000513104_00406_49127_0000.N1	23-JUL-2011 03:48:04	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49127	No
46	GOM_NL__2PRFIN20110723_035120_000000503104_00406_49127_0001.N1	23-JUL-2011 03:51:20	Twi_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	49127	No
47	GOM_NL__2PRFIN20110723_035408_000000473104_00406_49127_0002.N1	23-JUL-2011 03:54:08	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	49127	No
48	GOM_NL__2PRFIN20110723_035544_000000493104_00406_49127_0003.N1	23-JUL-2011 03:55:44	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	49127	No
49	GOM_NL__2PRFIN20110723_040545_000000493104_00406_49127_0004.N1	23-JUL-2011 04:05:45	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	49127	No
50	GOM_NL__2PRFIN20110723_041500_000000463104_00406_49127_0005.N1	23-JUL-2011 04:15:00	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49127	No
51	GOM_NL__2PRFIN20110723_042055_000000553104_00407_49128_9992.N1	23-JUL-2011 04:20:55	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49128	No
52	GOM_NL__2PRFIN20110723_042450_000000543104_00407_49128_9993.N1	23-JUL-2011 04:24:50	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49128	No
53	GOM_NL__2PRFIN20110723_043118_000000443104_00407_49128_9994.N1	23-JUL-2011 04:31:18	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49128	No
54	GOM_NL__2PRFIN20110723_043429_000000473104_00407_49128_9995.N1	23-JUL-2011 04:34:29	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49128	No
55	GOM_NL__2PRFIN20110723_045133_000000413104_00407_49128_9996.N1	23-JUL-2011 04:51:33	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	49128	No
56	GOM_NL__2PRFIN20110723_050109_000000503104_00407_49128_9997.N1	23-JUL-2011 05:01:09	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	49128	No
57	GOM_NL__2PRFIN20110723_050405_000000463104_00407_49128_9998.N1	23-JUL-2011 05:04:05	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49128	No
58	GOM_NL__2PRFIN20110723_050919_000000423104_00407_49128_9999.N1	23-JUL-2011 05:09:19	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49128	No
59	GOM_NL__2PRFIN20110723_051802_000000493104_00407_49128_0000.N1	23-JUL-2011 05:18:02	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49128	No
60	GOM_NL__2PRFIN20110723_052345_000000443104_00407_49128_0001.N1	23-JUL-2011 05:23:45	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	49128	No
61	GOM_NL__2PRFIN20110723_052514_000000463104_00407_49128_0002.N1	23-JUL-2011 05:25:14	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49128	No
62	GOM_NL__2PRFIN20110723_052648_000000403104_00407_49128_0003.N1	23-JUL-2011 05:26:48	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	49128	No
63	GOM_NL__2PRFIN20110723_052818_000000513104_00407_49128_0004.N1	23-JUL-2011 05:28:18	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49128	No
64	GOM_NL__2PRFIN20110723_053134_000000493104_00407_49128_0005.N1	23-JUL-2011 05:31:34	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	49128	No
65	GOM_NL__2PRFIN20110723_053423_000000503104_00407_49128_0006.N1	23-JUL-2011 05:34:23	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	49128	No
66	GOM_NL__2PRFIN20110723_053559_000000473104_00407_49128_0007.N1	23-JUL-2011 05:35:59	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	49128	No
67	GOM_NL__2PRFIN20110723_054600_000000513104_00407_49128_0008.N1	23-JUL-2011 05:46:00	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49128	No
68	GOM_NL__2PRFIN20110723_055515_000000443104_00407_49128_0009.N1	23-JUL-2011 05:55:15	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49128	No
69	GOM_NL__2PRFIN20110723_060110_000000543104_00408_49129_0021.N1	23-JUL-2011 06:01:10	Dark	53.500	9	Alp Eri	0.45300	24000.	107	49129	No
70	GOM_NL__2PRFIN20110723_060505_000000593104_00408_49129_0022.N1	23-JUL-2011 06:05:05	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	49129	No
71	GOM_NL__2PRFIN20110723_061132_000000483104_00408_49129_0023.N1	23-JUL-2011 06:11:32	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	49129	No
72	GOM_NL__2PRFIN20110723_061443_000000473104_00408_49129_0024.N1	23-JUL-2011 06:14:43	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49129	No
73	GOM_NL__2PRFIN20110723_063146_000000423104_00408_49129_0025.N1	23-JUL-2011 06:31:46	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	49129	No
74	GOM_NL__2PRFIN20110723_064122_000000503104_00408_49129_0026.N1	23-JUL-2011 06:41:22	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	49129	No
75	GOM_NL__2PRFIN20110723_064419_000000473104_00408_49129_0027.N1	23-JUL-2011 06:44:19	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49129	No
76	GOM_NL__2PRFIN20110723_064933_000000403104_00408_49129_0028.N1	23-JUL-2011 06:49:33	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49129	No
77	GOM_NL__2PRFIN20110723_065816_000000493104_00408_49129_0029.N1	23-JUL-2011 06:58:16	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49129	No
78	GOM_NL__2PRFIN20110723_070358_000000483104_00408_49129_0030.N1	23-JUL-2011 07:03:58	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49129	No
79	GOM_NL__2PRFIN20110723_070528_000000463104_00408_49129_0031.N1	23-JUL-2011 07:05:28	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49129	No
80	GOM_NL__2PRFIN20110723_070702_000000393104_00408_49129_0032.N1	23-JUL-2011 07:07:02	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49129	No
81	GOM_NL__2PRFIN20110723_070832_000000543104_00408_49129_0033.N1	23-JUL-2011 07:08:32	Bright	54.000	79	26Bet Per	2.3100	13100.	108	49129	No
82	GOM_NL__2PRFIN20110723_071148_000000493104_00408_49129_0034.N1	23-JUL-2011 07:11:48	Twi_and_stray	48.500	150	44Zet Per	2.8900	28000.	97	49129	No
83	GOM_NL__2PRFIN20110723_071437_000000503104_00408_49129_0035.N1	23-JUL-2011 07:14:37	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49129	No
84	GOM_NL__2PRFIN20110723_071613_000000463104_00408_49129_0036.N1	23-JUL-2011 07:16:13	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	49129	No
85	GOM_NL__2PRFIN20110723_072615_000000483104_00408_49129_0037.N1	23-JUL-2011 07:26:15	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49129	No
86	GOM_NL__2PRFIN20110723_073530_000000443104_00408_49129_0038.N1	23-JUL-2011 07:35:30	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49129	No
87	GOM_NL__2PRFIN20110723_074125_000000553104_00409_49130_0044.N1	23-JUL-2011 07:41:25	Dark	55.000	9	Alp Eri	0.45300	24000.	110	49130	No
88	GOM_NL__2PRFIN20110723_074520_000000553104_00409_49130_0045.N1	23-JUL-2011 07:45:20	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49130	No
89	GOM_NL__2PRFIN20110723_075147_000000463104_00409_49130_0046.N1	23-JUL-2011 07:51:47	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49130	No
90	GOM_NL__2PRFIN20110723_075458_000000483104_00409_49130_0047.N1	23-JUL-2011 07:54:58	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	49130	No
91	GOM_NL__2PRFIN20110723_081200_000000413104_00409_49130_0048.N1	23-JUL-2011 08:12:00	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49130	No
92	GOM_NL__2PRFIN20110723_082136_000000513104_00409_49130_0049.N1	23-JUL-2011 08:21:36	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	49130	No
93	GOM_NL__2PRFIN20110723_082432_000000463104_00409_49130_0050.N1	23-JUL-2011 08:24:32	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	49130	No
94	GOM_NL__2PRFIN20110723_082946_000000403104_00409_49130_0051.N1	23-JUL-2011 08:29:46	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49130	No
95	GOM_NL__2PRFIN20110723_083829_000000493104_00409_49130_0052.N1	23-JUL-2011 08:38:29	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49130	No
96	GOM_NL__2PRFIN20110723_084412_000000453104_00409_49130_0053.N1	23-JUL-2011 08:44:12	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49130	No
97	GOM_NL__2PRFIN20110723_084542_000000463104_00409_49130_0054.N1	23-JUL-2011 08:45:42	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	49130	No
98	GOM_NL__2PRFIN20110723_084716_000000383104_00409_49130_0055.N1	23-JUL-2011 08:47:16	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49130	No
99	GOM_NL__2PRFIN20110723_084846_000000513104_00409_49130_0056.N1	23-JUL-2011 08:48:46	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49130	No
100	GOM_NL__2PRFIN20110723_085202_000000503104_00409_49130_0057.N1	23-JUL-2011 08:52:02	Twi_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	49130	No
101	GOM_NL__2PRFIN20110723_085451_000000523104_00409_49130_0058.N1	23-JUL-2011 08:54:51	Twilight	51.500	146	25Eta Tau	2.8730	15200.	103	49130	No

102	GOM_NL__2PRFIN20110723_085627_000000503104_00409_49130_0059.N1	23-JUL-2011 08:56:27	Dark	50.000	13	87Alp Tau	0.86700	3800.0	100	49130	No
103	GOM_NL__2PRFIN20110723_090630_000000513104_00409_49130_0060.N1	23-JUL-2011 09:06:30	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	49130	No
104	GOM_NL__2PRFIN20110723_091545_000000433104_00409_49130_0061.N1	23-JUL-2011 09:15:45	Dark	43.000	157	The1Eri	2.9060	9300.0	86	49130	No
105	GOM_NL__2PRFIN20110723_092139_000000433104_00410_49131_0107.N1	23-JUL-2011 09:21:39	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49131	No
106	GOM_NL__2PRFIN20110723_092535_000000623104_00410_49131_0108.N1	23-JUL-2011 09:25:35	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	49131	No
107	GOM_NL__2PRFIN20110723_093201_000000463104_00410_49131_0109.N1	23-JUL-2011 09:32:01	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49131	No
108	GOM_NL__2PRFIN20110723_093513_000000493104_00410_49131_0110.N1	23-JUL-2011 09:35:13	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49131	No
109	GOM_NL__2PRFIN20110723_095214_000000423104_00410_49131_0111.N1	23-JUL-2011 09:52:14	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49131	No
110	GOM_NL__2PRFIN20110723_100149_000000523104_00410_49131_0112.N1	23-JUL-2011 10:01:49	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	49131	No
111	GOM_NL__2PRFIN20110723_100445_000000463104_00410_49131_0113.N1	23-JUL-2011 10:04:45	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49131	No
112	GOM_NL__2PRFIN20110723_100959_000000423104_00410_49131_0114.N1	23-JUL-2011 10:09:59	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49131	No
113	GOM_NL__2PRFIN20110723_101843_000000613104_00410_49131_0115.N1	23-JUL-2011 10:18:43	Bright	61.000	76	27Gam Cas	2.3000	30000.	122	49131	No
114	GOM_NL__2PRFIN20110723_102426_000000653104_00410_49131_0116.N1	23-JUL-2011 10:24:26	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49131	No
115	GOM_NL__2PRFIN20110723_102556_000000453104_00410_49131_0117.N1	23-JUL-2011 10:25:56	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49131	No
116	GOM_NL__2PRFIN20110723_102730_000000393104_00410_49131_0118.N1	23-JUL-2011 10:27:30	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	49131	No
117	GOM_NL__2PRFIN20110723_102900_000000523104_00410_49131_0119.N1	23-JUL-2011 10:29:00	Bright	52.000	79	26Bet Per	2.3100	13100.	104	49131	No
118	GOM_NL__2PRFIN20110723_103216_000000503104_00410_49131_0120.N1	23-JUL-2011 10:32:16	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	49131	No
119	GOM_NL__2PRFIN20110723_103506_000000513104_00410_49131_0121.N1	23-JUL-2011 10:35:06	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	49131	No
120	GOM_NL__2PRFIN20110723_103642_000000573104_00410_49131_0122.N1	23-JUL-2011 10:36:42	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49131	No
121	GOM_NL__2PRFIN20110723_104644_000000523104_00410_49131_0123.N1	23-JUL-2011 10:46:44	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	49131	No
122	GOM_NL__2PRFIN20110723_105559_000000453104_00410_49131_0124.N1	23-JUL-2011 10:55:59	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49131	No
123	GOM_NL__2PRFIN20110723_110154_000000433104_00411_49132_0138.N1	23-JUL-2011 11:01:54	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49132	No
124	GOM_NL__2PRFIN20110723_110550_000000563104_00411_49132_0139.N1	23-JUL-2011 11:05:50	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49132	No
125	GOM_NL__2PRFIN20110723_111216_000000483104_00411_49132_0140.N1	23-JUL-2011 11:12:16	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49132	No
126	GOM_NL__2PRFIN20110723_111527_000000493104_00411_49132_0141.N1	23-JUL-2011 11:15:27	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	49132	No
127	GOM_NL__2PRFIN20110723_113228_000000403104_00411_49132_0142.N1	23-JUL-2011 11:32:28	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	49132	No
128	GOM_NL__2PRFIN20110723_114202_000000523104_00411_49132_0143.N1	23-JUL-2011 11:42:02	Bright	51.500	92	53Eps Cyg	2.5000	4500.0	103	49132	No
129	GOM_NL__2PRFIN20110723_114459_000000483104_00411_49132_0144.N1	23-JUL-2011 11:44:59	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	49132	No
130	GOM_NL__2PRFIN20110723_115013_000000423104_00411_49132_0145.N1	23-JUL-2011 11:50:13	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49132	No
131	GOM_NL__2PRFIN20110723_115856_000000493104_00411_49132_0146.N1	23-JUL-2011 11:58:56	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49132	No
132	GOM_NL__2PRFIN20110723_120439_000000463104_00411_49132_0147.N1	23-JUL-2011 12:04:39	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49132	No
133	GOM_NL__2PRFIN20110723_120609_000000473104_00411_49132_0148.N1	23-JUL-2011 12:06:09	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	49132	No
134	GOM_NL__2PRFIN20110723_120744_000000383104_00411_49132_0149.N1	23-JUL-2011 12:07:44	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49132	No
135	GOM_NL__2PRFIN20110723_120914_000000523104_00411_49132_0150.N1	23-JUL-2011 12:09:14	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49132	No
136	GOM_NL__2PRFIN20110723_121230_000000503104_00411_49132_0151.N1	23-JUL-2011 12:12:30	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	49132	No
137	GOM_NL__2PRFIN20110723_121520_000000513104_00411_49132_0152.N1	23-JUL-2011 12:15:20	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	49132	No
138	GOM_NL__2PRFIN20110723_121656_000000463104_00411_49132_0153.N1	23-JUL-2011 12:16:56	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	49132	No
139	GOM_NL__2PRFIN20110723_122659_000000503104_00411_49132_0154.N1	23-JUL-2011 12:26:59	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49132	No
140	GOM_NL__2PRFIN20110723_123614_000000463104_00411_49132_0155.N1	23-JUL-2011 12:36:14	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49132	No
141	GOM_NL__2PRFIN20110723_124208_000000453104_00412_49133_0180.N1	23-JUL-2011 12:42:08	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49133	No
142	GOM_NL__2PRFIN20110723_124605_000000543104_00412_49133_0181.N1	23-JUL-2011 12:46:05	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49133	No
143	GOM_NL__2PRFIN20110723_125230_000000463104_00412_49133_0182.N1	23-JUL-2011 12:52:30	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49133	No
144	GOM_NL__2PRFIN20110723_125542_000000483104_00412_49133_0183.N1	23-JUL-2011 12:55:42	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49133	No
145	GOM_NL__2PRFIN20110723_131241_000000443104_00412_49133_0184.N1	23-JUL-2011 13:12:41	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	49133	No
146	GOM_NL__2PRFIN20110723_132215_000000513104_00412_49133_0185.N1	23-JUL-2011 13:22:15	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	49133	No
147	GOM_NL__2PRFIN20110723_132512_000000473104_00412_49133_0186.N1	23-JUL-2011 13:25:12	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49133	No
148	GOM_NL__2PRFIN20110723_133026_000000423104_00412_49133_0187.N1	23-JUL-2011 13:30:26	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49133	No
149	GOM_NL__2PRFIN20110723_133909_000000493104_00412_49133_0188.N1	23-JUL-2011 13:39:09	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49133	No
150	GOM_NL__2PRFIN20110723_134453_000000453104_00412_49133_0189.N1	23-JUL-2011 13:44:53	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	49133	No
151	GOM_NL__2PRFIN20110723_134623_000000643104_00412_49133_0190.N1	23-JUL-2011 13:46:23	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49133	No
152	GOM_NL__2PRFIN20110723_134758_000000383104_00412_49133_0191.N1	23-JUL-2011 13:47:58	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49133	No
153	GOM_NL__2PRFIN20110723_134927_000000533104_00412_49133_0192.N1	23-JUL-2011 13:49:27	Bright	52.500	79	26Bet Per	2.3100	13100.	105	49133	No
154	GOM_NL__2PRFIN20110723_135244_000000503104_00412_49133_0193.N1	23-JUL-2011 13:52:44	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	49133	No
155	GOM_NL__2PRFIN20110723_135534_000000493104_00412_49133_0194.N1	23-JUL-2011 13:55:34	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	49133	No
156	GOM_NL__2PRFIN20110723_135710_000000483104_00412_49133_0195.N1	23-JUL-2011 13:57:10	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	49133	No
157	GOM_NL__2PRFIN20110723_140714_000000513104_00412_49133_0196.N1	23-JUL-2011 14:07:14	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49133	No
158	GOM_NL__2PRFIN20110723_141629_000000443104_00412_49133_0197.N1	23-JUL-2011 14:16:29	Dark	44.000	157	The1Eri	2.9060	9300.0	88	49133	No
159	GOM_NL__2PRFIN20110723_142223_000000433104_00413_49134_0238.N1	23-JUL-2011 14:22:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	49134	No
160	GOM_NL__2PRFIN20110723_142620_000000553104_00413_49134_0239.N1	23-JUL-2011 14:26:20	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49134	No



161	GOM_NL__2PRFIN20110723_143245_000000463104_00413_49134_0240.N1	23-JUL-2011 14:32:45	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49134	No
162	GOM_NL__2PRFIN20110723_143556_000000483104_00413_49134_0241.N1	23-JUL-2011 14:35:56	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49134	No
163	GOM_NL__2PRFIN20110723_145255_000000423104_00413_49134_0242.N1	23-JUL-2011 14:52:55	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	49134	No
164	GOM_NL__2PRFIN20110723_150228_000000513104_00413_49134_0243.N1	23-JUL-2011 15:02:28	Bright	50.500	92	53Eps Cyg	2.5000	4500.0	101	49134	No
165	GOM_NL__2PRFIN20110723_150526_000000443104_00413_49134_0244.N1	23-JUL-2011 15:05:26	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	49134	No
166	GOM_NL__2PRFIN20110723_151040_000000433104_00413_49134_0245.N1	23-JUL-2011 15:10:40	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49134	No
167	GOM_NL__2PRFIN20110723_151923_000000503104_00413_49134_0246.N1	23-JUL-2011 15:19:23	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	49134	No
168	GOM_NL__2PRFIN20110723_152507_000000443104_00413_49134_0247.N1	23-JUL-2011 15:25:07	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	49134	No
169	GOM_NL__2PRFIN20110723_152637_000000583104_00413_49134_0248.N1	23-JUL-2011 15:26:37	Bright	58.000	35	33Alp Per	1.7950	6250.0	116	49134	No
170	GOM_NL__2PRFIN20110723_152812_000000393104_00413_49134_0249.N1	23-JUL-2011 15:28:12	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49134	No
171	GOM_NL__2PRFIN20110723_152942_000000513104_00413_49134_0250.N1	23-JUL-2011 15:29:42	Bright	51.000	79	26Bet Per	2.3100	13100.	102	49134	No
172	GOM_NL__2PRFIN20110723_153259_000000483104_00413_49134_0251.N1	23-JUL-2011 15:32:59	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	49134	No
173	GOM_NL__2PRFIN20110723_153548_000000503104_00413_49134_0252.N1	23-JUL-2011 15:35:48	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49134	No
174	GOM_NL__2PRFIN20110723_153724_000000513104_00413_49134_0253.N1	23-JUL-2011 15:37:24	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	49134	No
175	GOM_NL__2PRFIN20110723_154728_000000483104_00413_49134_0254.N1	23-JUL-2011 15:47:28	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	49134	No
176	GOM_NL__2PRFIN20110723_155644_000000453104_00413_49134_0255.N1	23-JUL-2011 15:56:44	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49134	No
177	GOM_NL__2PRFIN20110723_160238_000000513104_00414_49135_0285.N1	23-JUL-2011 16:02:38	Dark	50.500	9	Alp Eri	0.45300	24000.	101	49135	No
178	GOM_NL__2PRFIN20110723_160635_000000553104_00414_49135_0286.N1	23-JUL-2011 16:06:35	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49135	No
179	GOM_NL__2PRFIN20110723_161300_000000463104_00414_49135_0287.N1	23-JUL-2011 16:13:00	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49135	No
180	GOM_NL__2PRFIN20110723_161611_000000483104_00414_49135_0288.N1	23-JUL-2011 16:16:11	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49135	No
181	GOM_NL__2PRFIN20110723_163309_000000453104_00414_49135_0289.N1	23-JUL-2011 16:33:09	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	49135	No
182	GOM_NL__2PRFIN20110723_164242_000000503104_00414_49135_0290.N1	23-JUL-2011 16:42:42	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	49135	No
183	GOM_NL__2PRFIN20110723_164539_000000473104_00414_49135_0291.N1	23-JUL-2011 16:45:39	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	49135	No
184	GOM_NL__2PRFIN20110723_165053_000000433104_00414_49135_0292.N1	23-JUL-2011 16:50:53	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49135	No
185	GOM_NL__2PRFIN20110723_165936_000000463104_00414_49135_0293.N1	23-JUL-2011 16:59:36	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	49135	No
186	GOM_NL__2PRFIN20110723_170521_000000643104_00414_49135_0294.N1	23-JUL-2011 17:05:21	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	49135	No
187	GOM_NL__2PRFIN20110723_170651_000000643104_00414_49135_0295.N1	23-JUL-2011 17:06:51	Bright	64.000	35	33Alp Per	1.7950	6250.0	128	49135	No
188	GOM_NL__2PRFIN20110723_170826_000000383104_00414_49135_0296.N1	23-JUL-2011 17:08:26	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	49135	No
189	GOM_NL__2PRFIN20110723_170955_000000523104_00414_49135_0297.N1	23-JUL-2011 17:09:55	Bright	51.500	79	26Bet Per	2.3100	13100.	103	49135	No
190	GOM_NL__2PRFIN20110723_171313_000000513104_00414_49135_0298.N1	23-JUL-2011 17:13:13	Twilight	50.500	150	44Zet Per	2.8900	28000.	101	49135	No
191	GOM_NL__2PRFIN20110723_171603_000000513104_00414_49135_0299.N1	23-JUL-2011 17:16:03	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	49135	No
192	GOM_NL__2PRFIN20110723_171739_000000513104_00414_49135_0300.N1	23-JUL-2011 17:17:39	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	49135	No
193	GOM_NL__2PRFIN20110723_172743_000000513104_00414_49135_0301.N1	23-JUL-2011 17:27:43	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49135	No
194	GOM_NL__2PRFIN20110723_173659_000000443104_00414_49135_0302.N1	23-JUL-2011 17:36:59	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49135	No
195	GOM_NL__2PRFIN20110723_174252_000000473104_00415_49136_0391.N1	23-JUL-2011 17:42:52	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49136	No
196	GOM_NL__2PRFIN20110723_174651_000000573104_00415_49136_0392.N1	23-JUL-2011 17:46:51	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49136	No
197	GOM_NL__2PRFIN20110723_175314_000000453104_00415_49136_0393.N1	23-JUL-2011 17:53:14	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49136	No
198	GOM_NL__2PRFIN20110723_175626_000000483104_00415_49136_0394.N1	23-JUL-2011 17:56:26	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49136	No
199	GOM_NL__2PRFIN20110723_181323_000000413104_00415_49136_0395.N1	23-JUL-2011 18:13:23	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49136	No
200	GOM_NL__2PRFIN20110723_182255_000000483104_00415_49136_0396.N1	23-JUL-2011 18:22:55	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	49136	No
201	GOM_NL__2PRFIN20110723_182552_000000663104_00415_49136_0397.N1	23-JUL-2011 18:25:52	Bright	66.000	19	50Alp Cyg	1.2460	10500.	132	49136	No
202	GOM_NL__2PRFIN20110723_183107_000000433104_00415_49136_0398.N1	23-JUL-2011 18:31:07	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49136	No
203	GOM_NL__2PRFIN20110723_183949_000000513104_00415_49136_0399.N1	23-JUL-2011 18:39:49	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	49136	No
204	GOM_NL__2PRFIN20110723_184534_000000463104_00415_49136_0400.N1	23-JUL-2011 18:45:34	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	49136	No
205	GOM_NL__2PRFIN20110723_184704_000000653104_00415_49136_0401.N1	23-JUL-2011 18:47:04	Bright	65.000	35	33Alp Per	1.7950	6250.0	130	49136	No
206	GOM_NL__2PRFIN20110723_184840_000000393104_00415_49136_0402.N1	23-JUL-2011 18:48:40	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49136	No
207	GOM_NL__2PRFIN20110723_185009_000000533104_00415_49136_0403.N1	23-JUL-2011 18:50:09	Bright	53.000	79	26Bet Per	2.3100	13100.	106	49136	No
208	GOM_NL__2PRFIN20110723_185327_000000503104_00415_49136_0404.N1	23-JUL-2011 18:53:27	Twilight	49.500	150	44Zet Per	2.8900	28000.	99	49136	No
209	GOM_NL__2PRFIN20110723_185617_000000503104_00415_49136_0405.N1	23-JUL-2011 18:56:17	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	49136	No
210	GOM_NL__2PRFIN20110723_185753_000000513104_00415_49136_0406.N1	23-JUL-2011 18:57:53	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	49136	No
211	GOM_NL__2PRFIN20110723_190758_000000503104_00415_49136_0407.N1	23-JUL-2011 19:07:58	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49136	No
212	GOM_NL__2PRFIN20110723_191713_000000443104_00415_49136_0408.N1	23-JUL-2011 19:17:13	Dark	43.500	157	The1Eri	2.9060	9300.0	87	49136	No
213	GOM_NL__2PRFIN20110723_192307_000000463104_00416_49137_0426.N1	23-JUL-2011 19:23:07	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49137	No
214	GOM_NL__2PRFIN20110723_192706_000000583104_00416_49137_0427.N1	23-JUL-2011 19:27:06	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	49137	No
215	GOM_NL__2PRFIN20110723_193329_000000463104_00416_49137_0428.N1	23-JUL-2011 19:33:29	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49137	No
216	GOM_NL__2PRFIN20110723_193640_000000473104_00416_49137_0429.N1	23-JUL-2011 19:36:40	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	49137	No
217	GOM_NL__2PRFIN20110723_195337_000000413104_00416_49137_0430.N1	23-JUL-2011 19:53:37	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49137	No
218	GOM_NL__2PRFIN20110723_200308_000000513104_00416_49137_0431.N1	23-JUL-2011 20:03:08	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	49137	No
219	GOM_NL__2PRFIN20110723_200606_000000473104_00416_49137_0432.N1	23-JUL-2011 20:06:06	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49137	No

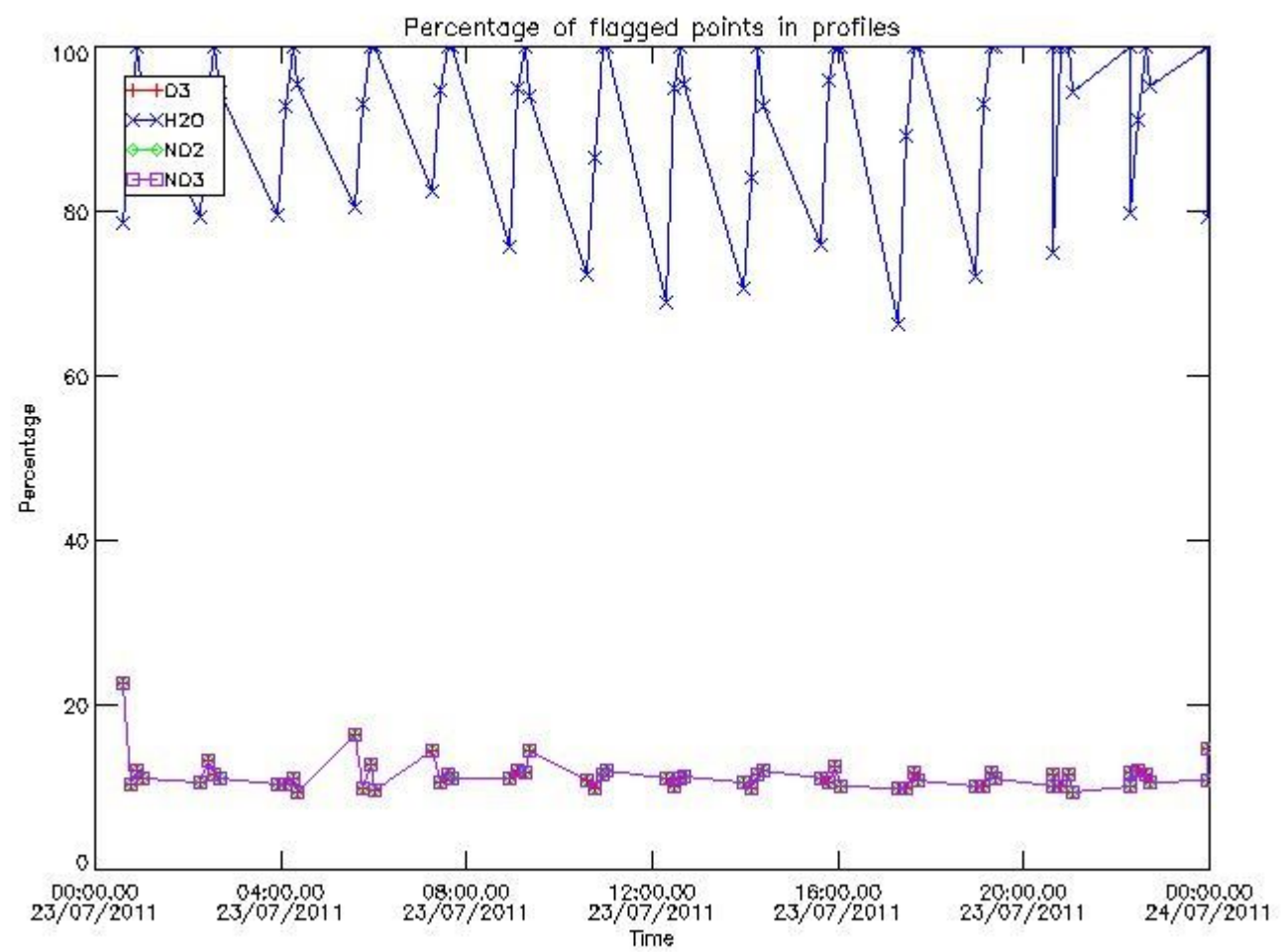


220	GOM_NL__2PRFIN20110723_201120_000000433104_00416_49137_0433.N1	23-JUL-2011 20:11:20	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	49137	No
221	GOM_NL__2PRFIN20110723_202003_000000493104_00416_49137_0434.N1	23-JUL-2011 20:20:03	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49137	No
222	GOM_NL__2PRFIN20110723_202548_000000653104_00416_49137_0435.N1	23-JUL-2011 20:25:48	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49137	No
223	GOM_NL__2PRFIN20110723_202718_000000543104_00416_49137_0436.N1	23-JUL-2011 20:27:18	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	49137	No
224	GOM_NL__2PRFIN20110723_202854_000000383104_00416_49137_0437.N1	23-JUL-2011 20:28:54	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	49137	No
225	GOM_NL__2PRFIN20110723_203023_000000563104_00416_49137_0438.N1	23-JUL-2011 20:30:23	Bright	55.500	79	26Bet Per	2.3100	13100.	111	49137	No
226	GOM_NL__2PRFIN20110723_203341_000000483104_00416_49137_0439.N1	23-JUL-2011 20:33:41	Tw_i_and_stray	47.500	150	44Zet Per	2.8900	28000.	95	49137	No
227	GOM_NL__2PRFIN20110723_203631_000000513104_00416_49137_0440.N1	23-JUL-2011 20:36:31	Dark	50.500	146	25Eta Tau	2.8730	15200.	101	49137	No
228	GOM_NL__2PRFIN20110723_203807_000000493104_00416_49137_0441.N1	23-JUL-2011 20:38:07	Dark	48.500	13	87Alp Tau	0.86700	3800.0	97	49137	No
229	GOM_NL__2PRFIN20110723_204812_000000503104_00416_49137_0442.N1	23-JUL-2011 20:48:12	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	49137	No
230	GOM_NL__2PRFIN20110723_205728_000000453104_00416_49137_0443.N1	23-JUL-2011 20:57:28	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49137	No
231	GOM_NL__2PRFIN20110723_210322_000000543104_00417_49138_0467.N1	23-JUL-2011 21:03:22	Dark	54.000	9	Alp Eri	0.45300	24000.	108	49138	No
232	GOM_NL__2PRFIN20110723_210721_000000533104_00417_49138_0468.N1	23-JUL-2011 21:07:21	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49138	No
233	GOM_NL__2PRFIN20110723_211344_000000453104_00417_49138_0469.N1	23-JUL-2011 21:13:44	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49138	No
234	GOM_NL__2PRFIN20110723_211655_000000483104_00417_49138_0470.N1	23-JUL-2011 21:16:55	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	49138	No
235	GOM_NL__2PRFIN20110723_213351_000000413104_00417_49138_0471.N1	23-JUL-2011 21:33:51	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49138	No
236	GOM_NL__2PRFIN20110723_214321_000000473104_00417_49138_0472.N1	23-JUL-2011 21:43:21	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	49138	No
237	GOM_NL__2PRFIN20110723_214619_000000473104_00417_49138_0473.N1	23-JUL-2011 21:46:19	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	49138	No
238	GOM_NL__2PRFIN20110723_215134_000000433104_00417_49138_0474.N1	23-JUL-2011 21:51:34	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	49138	No
239	GOM_NL__2PRFIN20110723_220016_000000493104_00417_49138_0475.N1	23-JUL-2011 22:00:16	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	49138	No
240	GOM_NL__2PRFIN20110723_220602_000000653104_00417_49138_0476.N1	23-JUL-2011 22:06:02	Bright	65.000	160	23Gam Per	2.9300	4700.0	130	49138	No
241	GOM_NL__2PRFIN20110723_220732_000000453104_00417_49138_0477.N1	23-JUL-2011 22:07:32	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	49138	No
242	GOM_NL__2PRFIN20110723_220908_000000393104_00417_49138_0478.N1	23-JUL-2011 22:09:08	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	49138	No
243	GOM_NL__2PRFIN20110723_221037_000000533104_00417_49138_0479.N1	23-JUL-2011 22:10:37	Bright	53.000	79	26Bet Per	2.3100	13100.	106	49138	No
244	GOM_NL__2PRFIN20110723_221355_000000493104_00417_49138_0480.N1	23-JUL-2011 22:13:55	Tw_i_and_stray	49.000	150	44Zet Per	2.8900	28000.	98	49138	No
245	GOM_NL__2PRFIN20110723_221645_000000503104_00417_49138_0481.N1	23-JUL-2011 22:16:45	Dark	50.000	146	25Eta Tau	2.8730	15200.	100	49138	No
246	GOM_NL__2PRFIN20110723_221822_000000483104_00417_49138_0482.N1	23-JUL-2011 22:18:22	Dark	47.500	13	87Alp Tau	0.86700	3800.0	95	49138	No
247	GOM_NL__2PRFIN20110723_222827_000000513104_00417_49138_0483.N1	23-JUL-2011 22:28:27	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	49138	No
248	GOM_NL__2PRFIN20110723_223743_000000453104_00417_49138_0484.N1	23-JUL-2011 22:37:43	Dark	44.500	157	The1Eri	2.9060	9300.0	89	49138	No
249	GOM_NL__2PRFIN20110723_224336_000000533104_00418_49139_0543.N1	23-JUL-2011 22:43:36	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49139	No
250	GOM_NL__2PRFIN20110723_224736_000000553104_00418_49139_0544.N1	23-JUL-2011 22:47:36	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49139	No
251	GOM_NL__2PRFIN20110723_225358_000000453104_00418_49139_0545.N1	23-JUL-2011 22:53:58	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49139	No
252	GOM_NL__2PRFIN20110723_225709_000000493104_00418_49139_0546.N1	23-JUL-2011 22:57:09	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	49139	No
253	GOM_NL__2PRFIN20110723_231404_000000413104_00418_49139_0547.N1	23-JUL-2011 23:14:04	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	49139	No
254	GOM_NL__2PRFIN20110723_232335_000000503104_00418_49139_0548.N1	23-JUL-2011 23:23:35	Bright	49.500	92	53Eps Cyg	2.5000	4500.0	99	49139	No
255	GOM_NL__2PRFIN20110723_232632_000000463104_00418_49139_0549.N1	23-JUL-2011 23:26:32	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	49139	No
256	GOM_NL__2PRFIN20110723_233147_000000423104_00418_49139_0550.N1	23-JUL-2011 23:31:47	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	49139	No
257	GOM_NL__2PRFIN20110723_234029_000000493104_00418_49139_0551.N1	23-JUL-2011 23:40:29	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	49139	No
258	GOM_NL__2PRFIN20110723_234616_000000453104_00418_49139_0552.N1	23-JUL-2011 23:46:16	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	49139	No
259	GOM_NL__2PRFIN20110723_234746_000000463104_00418_49139_0553.N1	23-JUL-2011 23:47:46	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	49139	No
260	GOM_NL__2PRFIN20110723_234922_000000403104_00418_49139_0554.N1	23-JUL-2011 23:49:22	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	49139	No
261	GOM_NL__2PRFIN20110723_235051_000000553104_00418_49139_0555.N1	23-JUL-2011 23:50:51	Bright	55.000	79	26Bet Per	2.3100	13100.	110	49139	No
262	GOM_NL__2PRFIN20110723_235409_000000513104_00418_49139_0556.N1	23-JUL-2011 23:54:09	Tw_i_and_stray	50.500	150	44Zet Per	2.8900	28000.	101	49139	No
263	GOM_NL__2PRFIN20110723_235700_000000523104_00418_49139_0557.N1	23-JUL-2011 23:57:00	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	49139	No
264	GOM_NL__2PRFIN20110723_235836_000000423104_00418_49139_0558.N1	23-JUL-2011 23:58:36	Dark	41.500	13	87Alp Tau	0.86700	3800.0	83	49139	No

### 3. Quality information per product

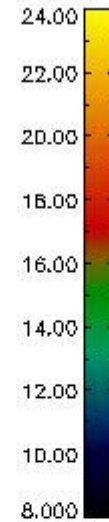
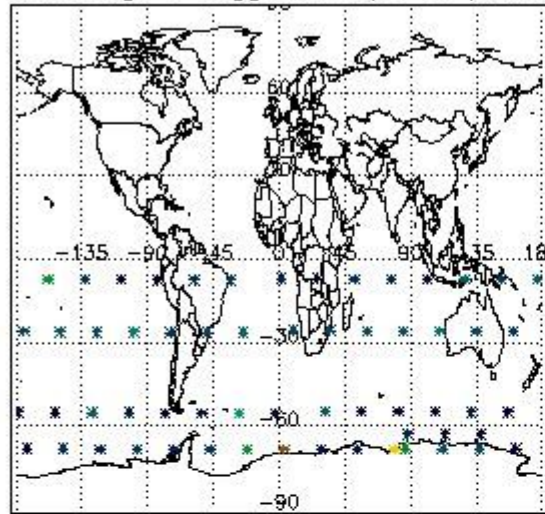
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

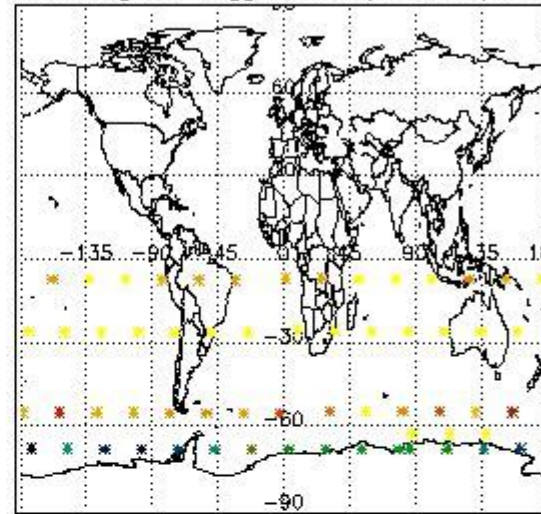


*3.2 Plot quality information per product (world map)*

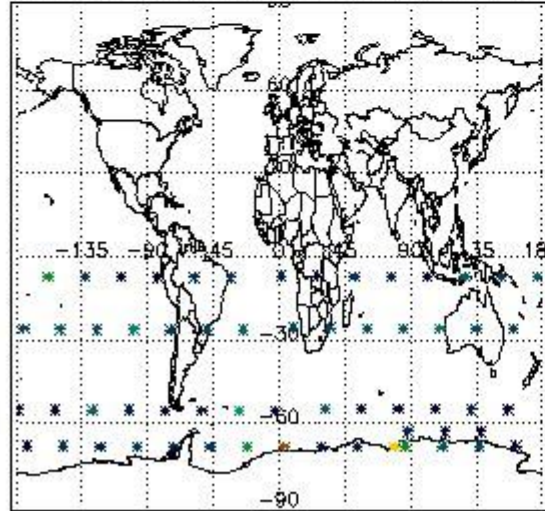
Percentage of flagged data per O3 profile



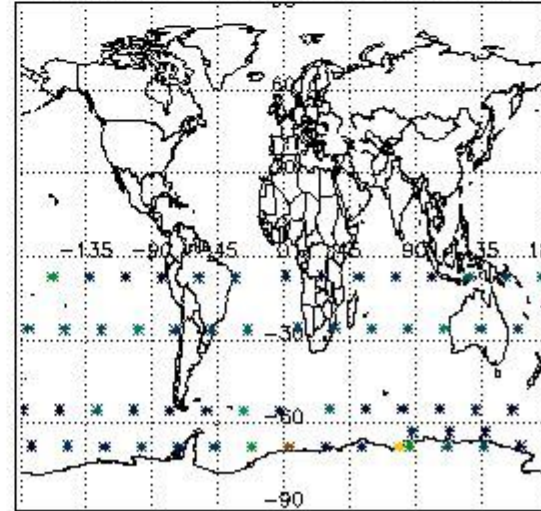
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

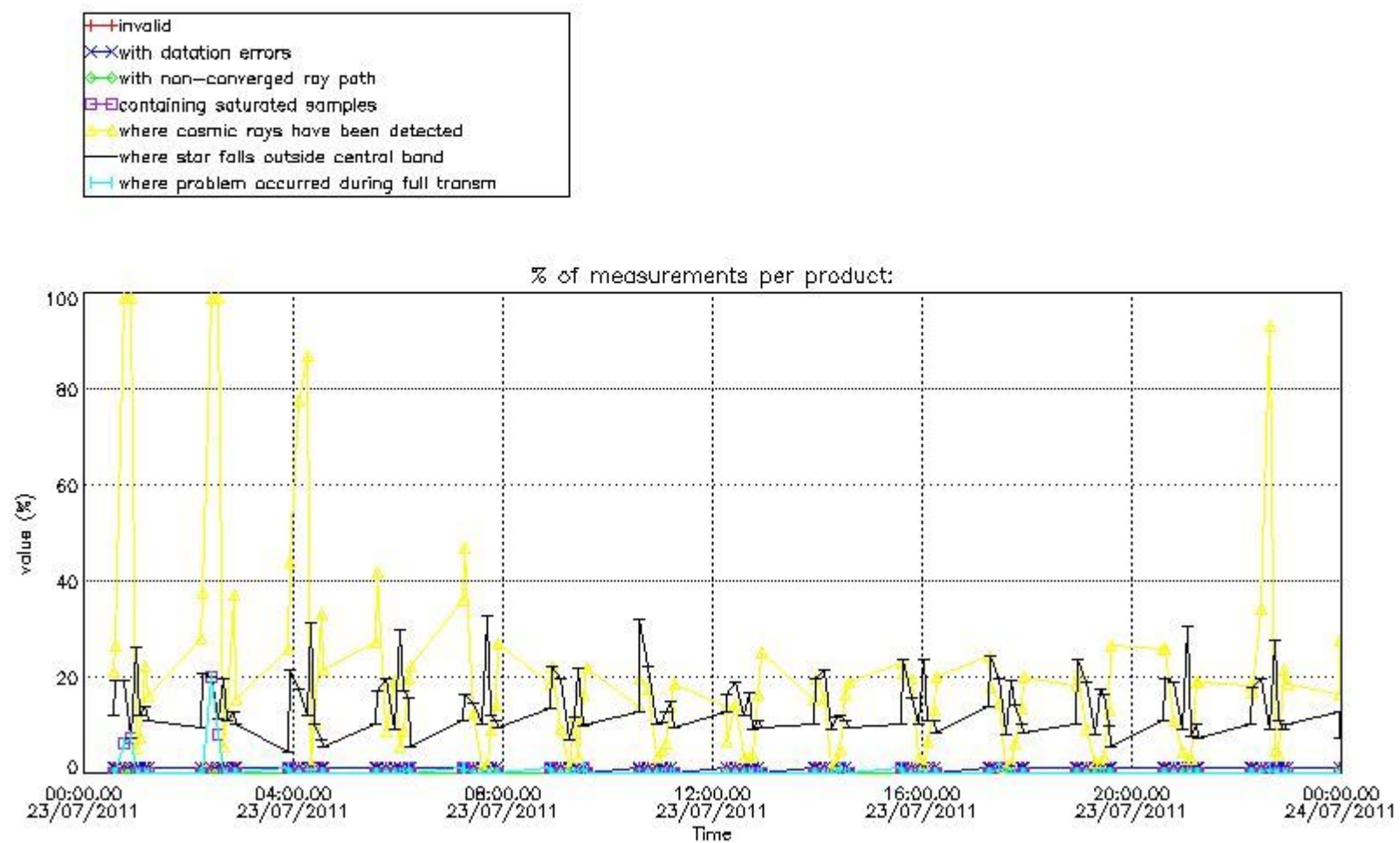


#### 4. Level 1 quality information per product

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.

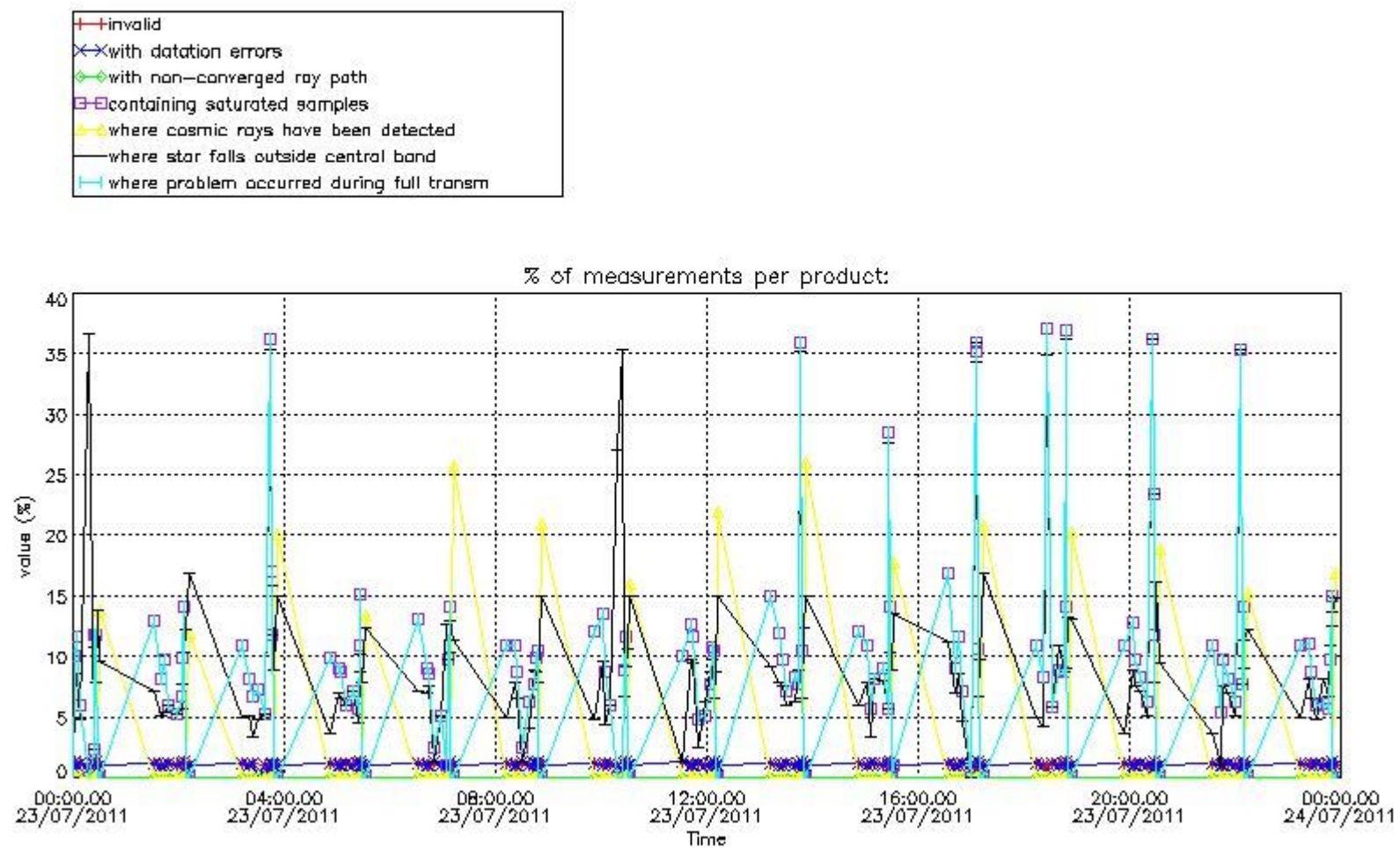
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

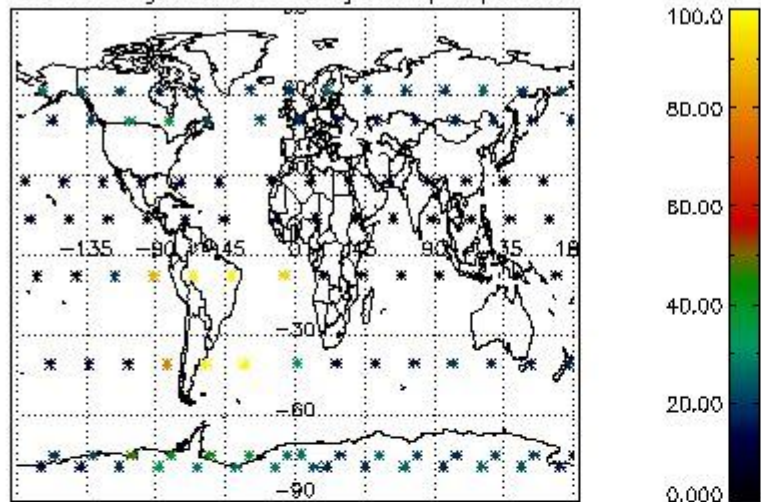




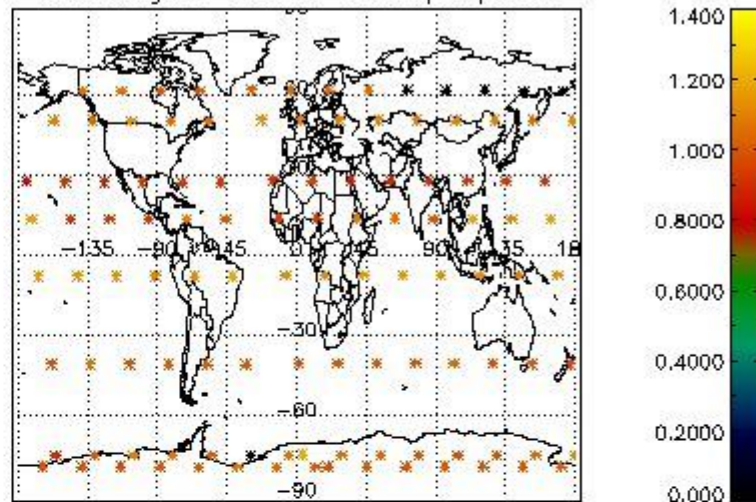
4.2 Plot quality information per product coming from level 1b processing (world map)

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

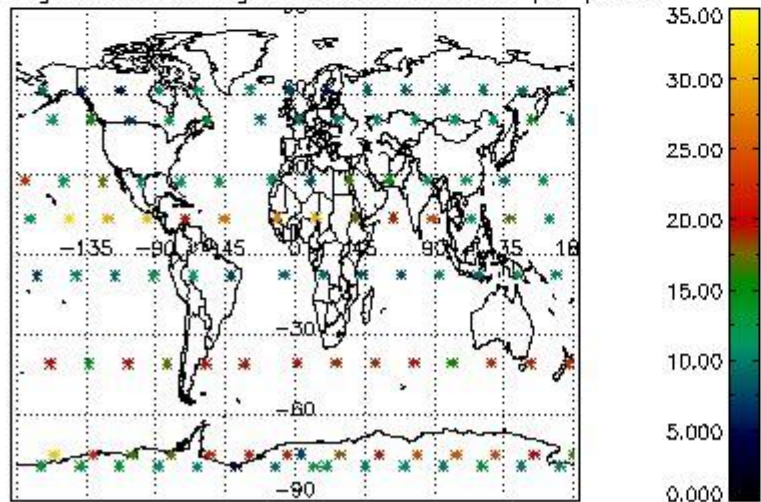
Percentage of cosmic ray hits per profile



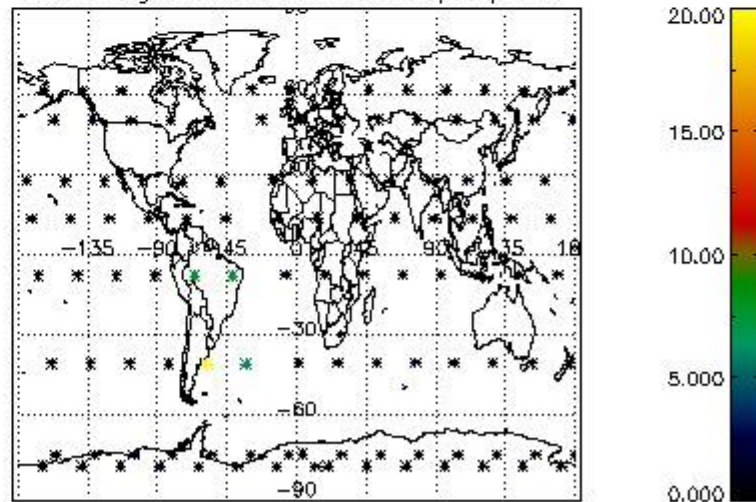
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

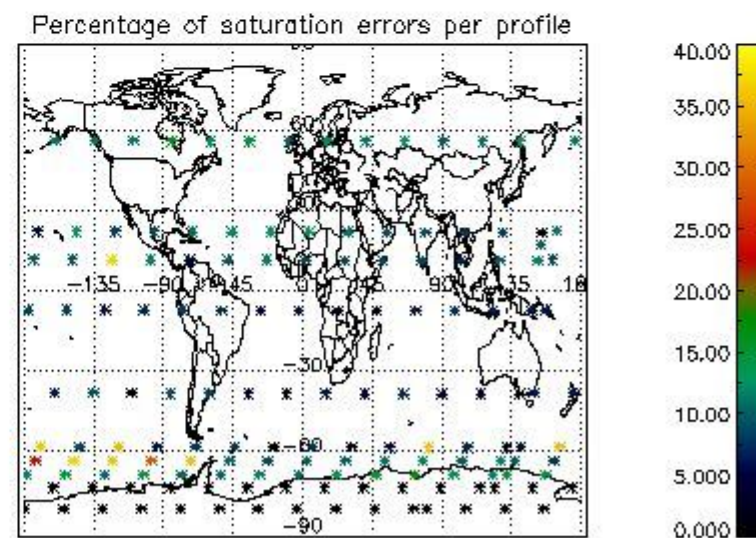
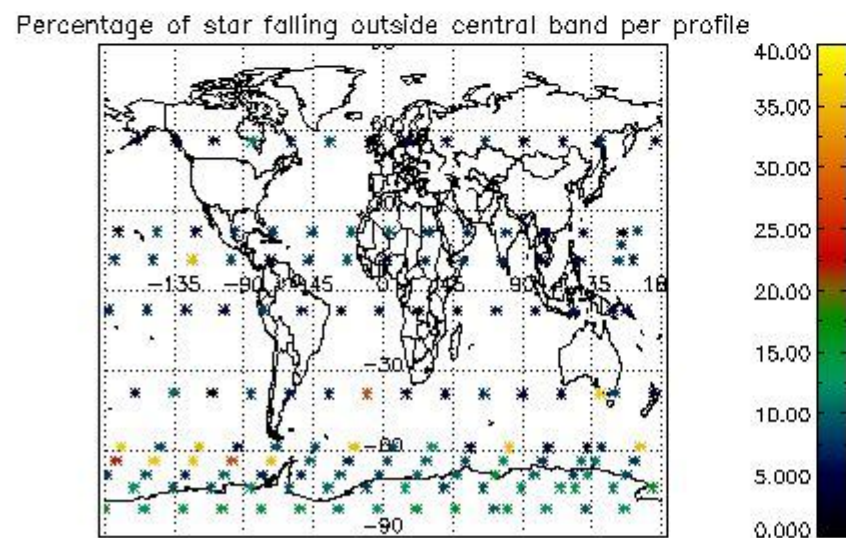
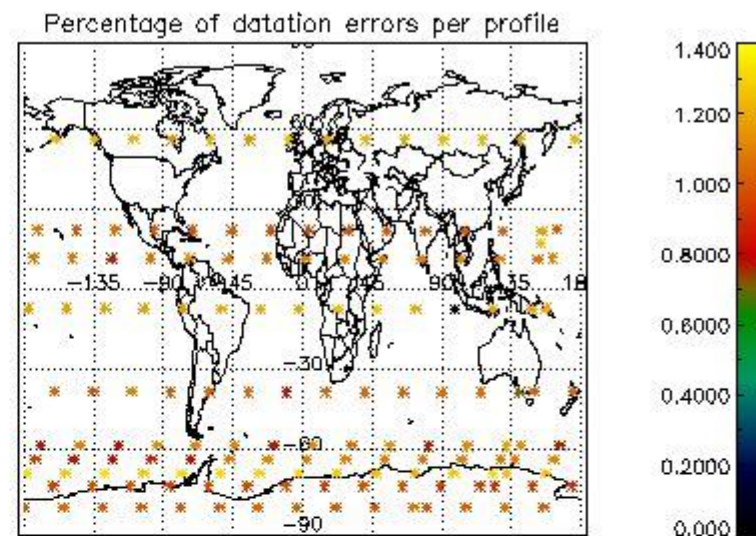
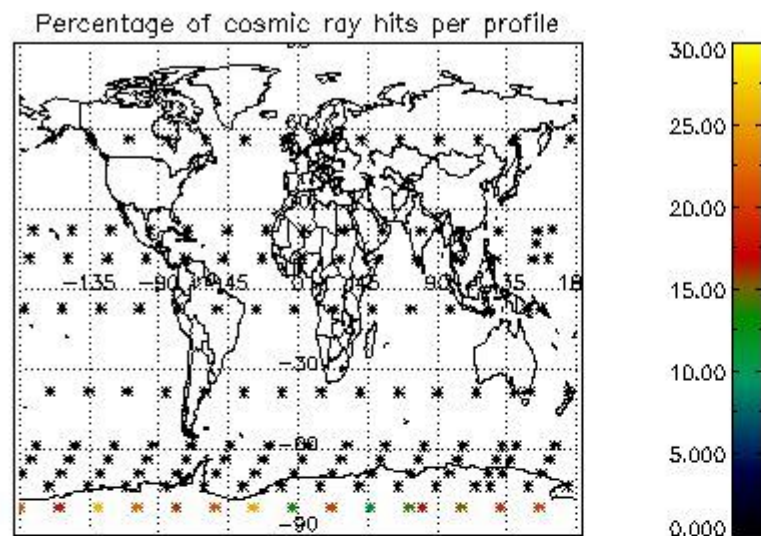


Percentage of saturation errors per profile



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

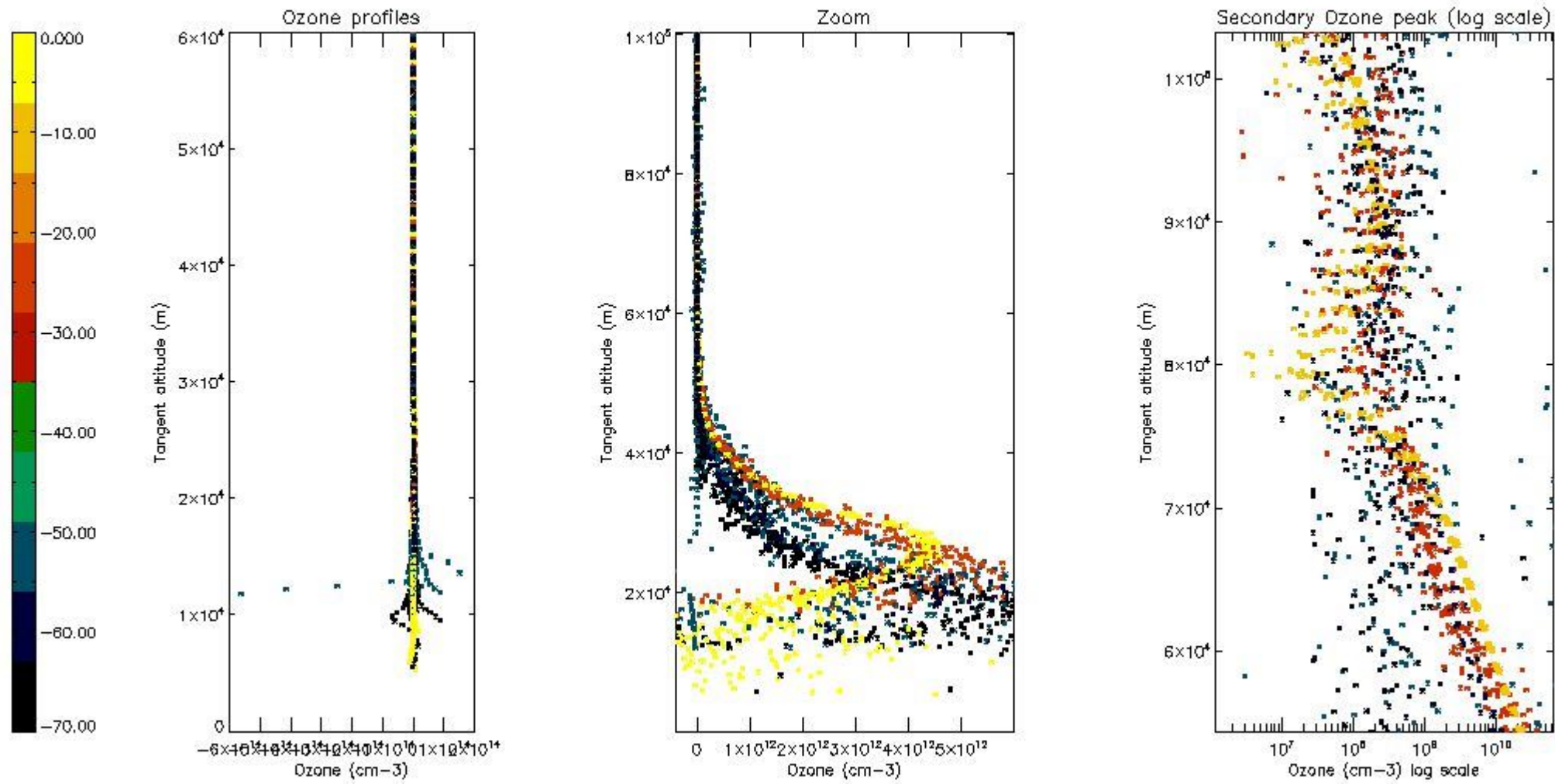
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	9

STD < 10	5
STD < 5	3

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

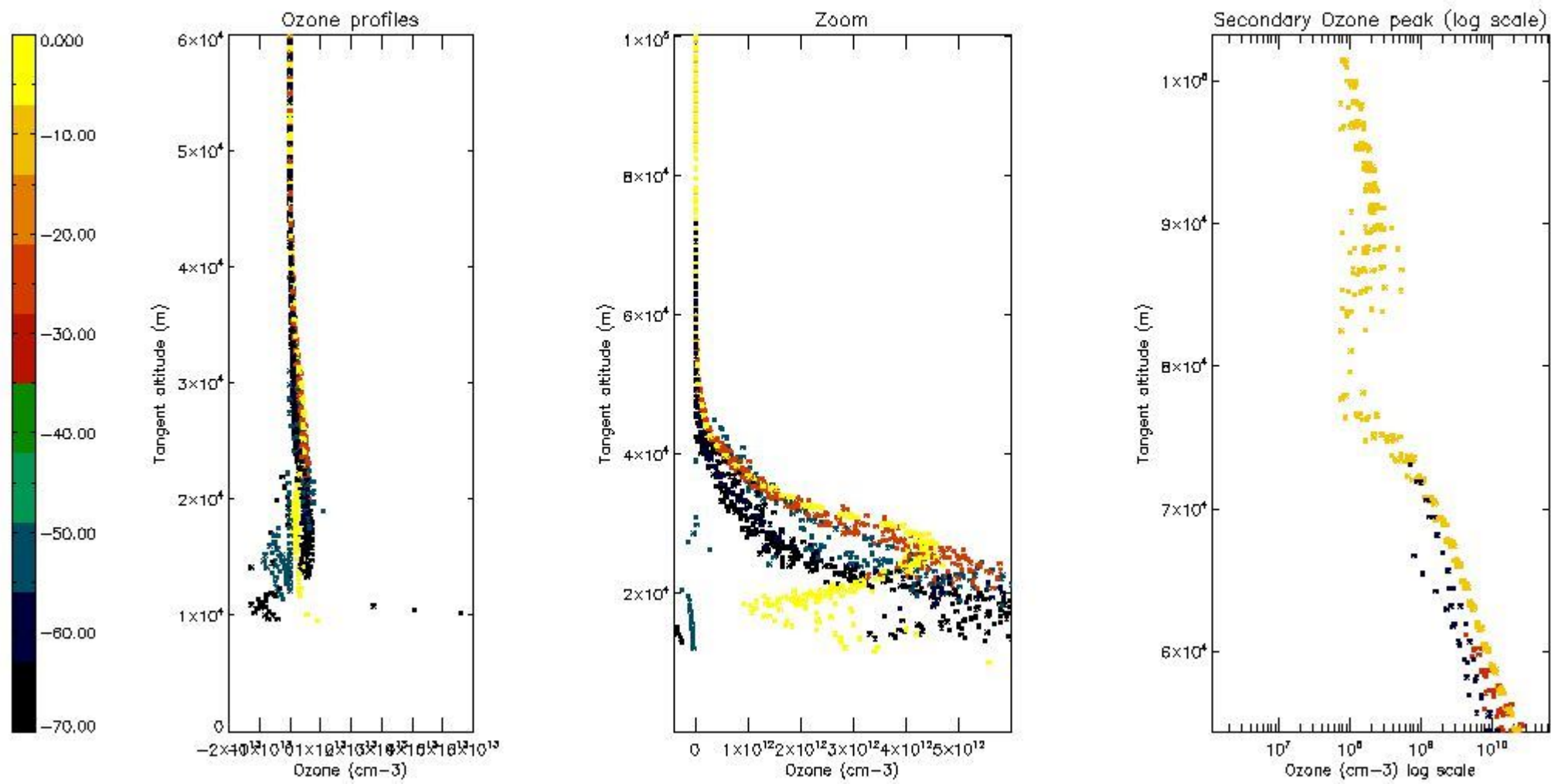
The colorbar represents the latitude.



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

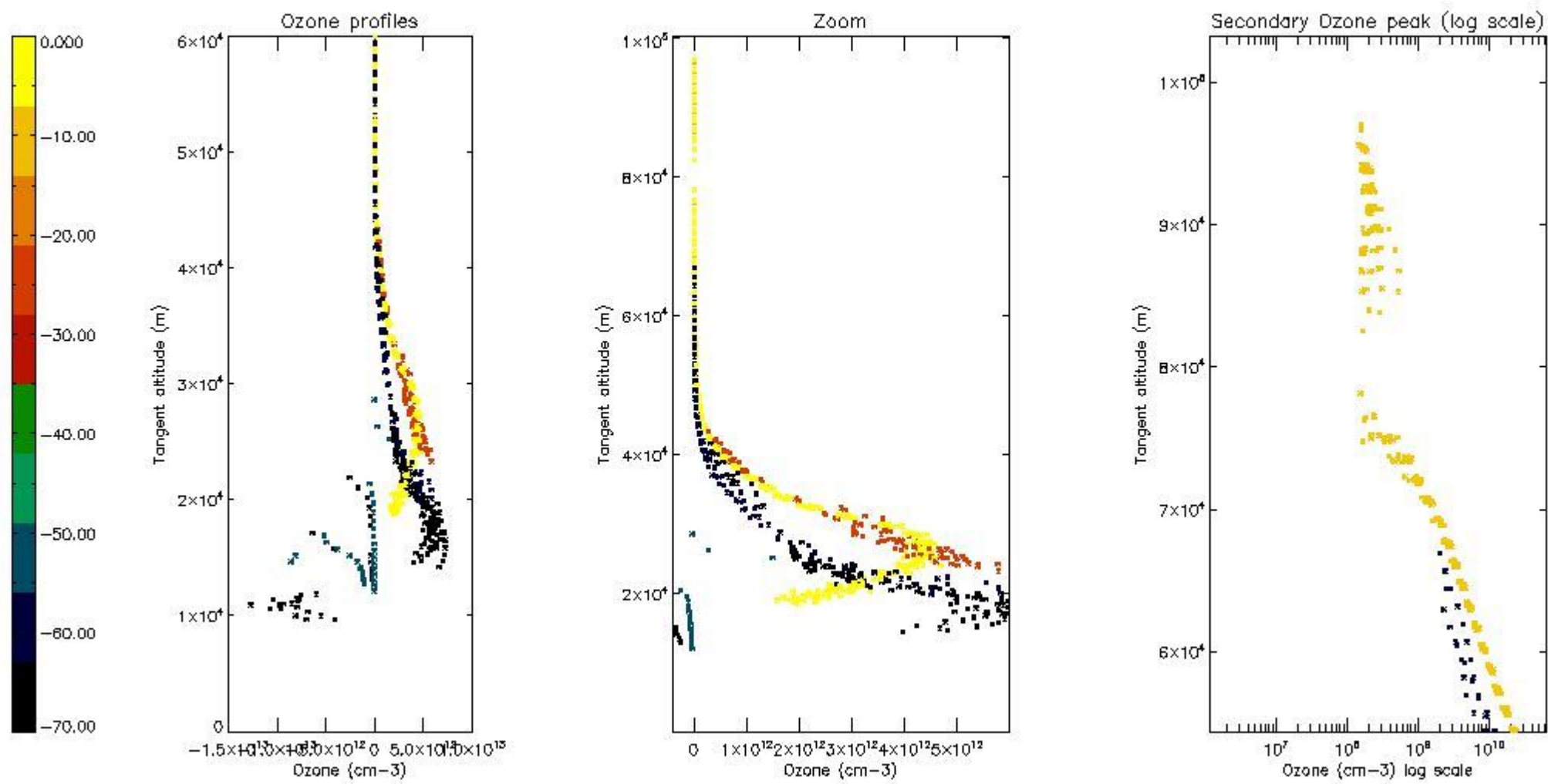
The colorbar represents the latitude.





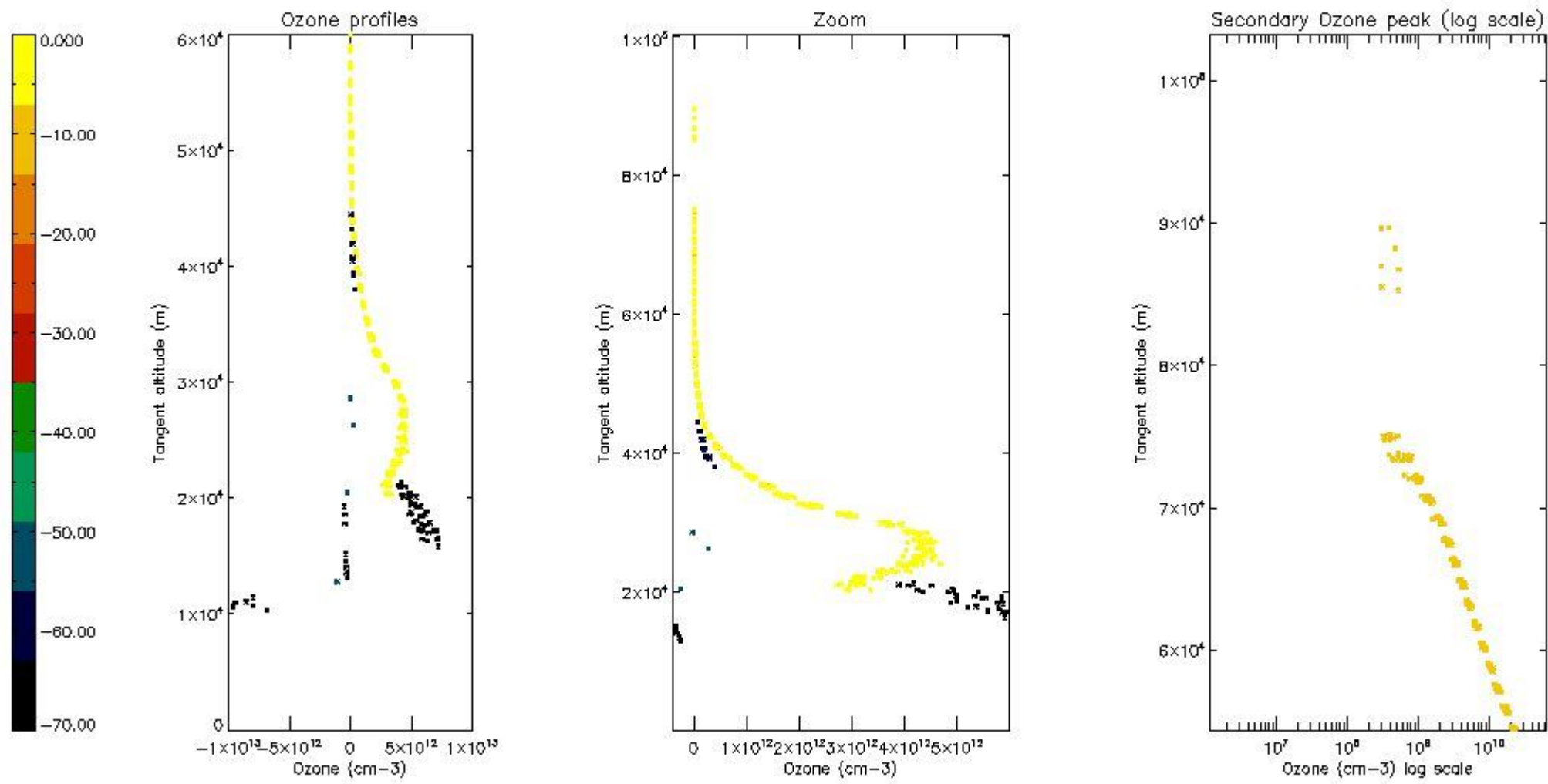
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



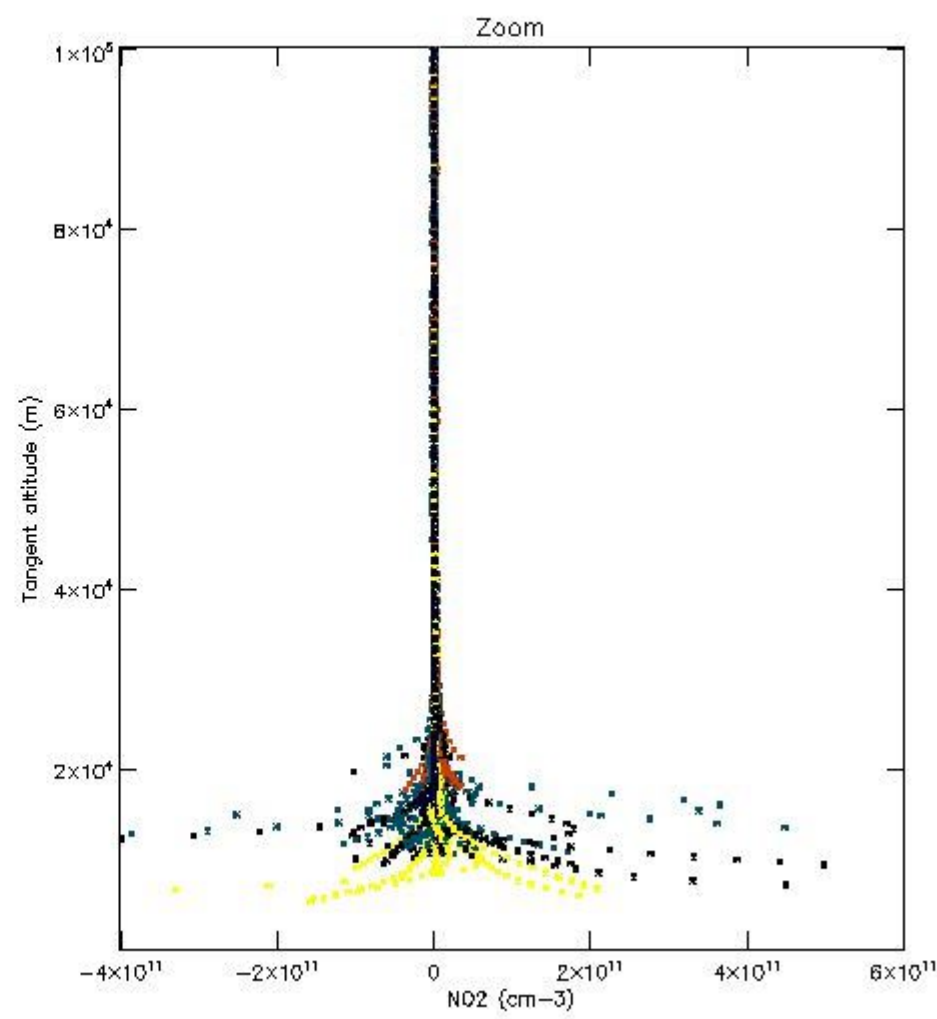
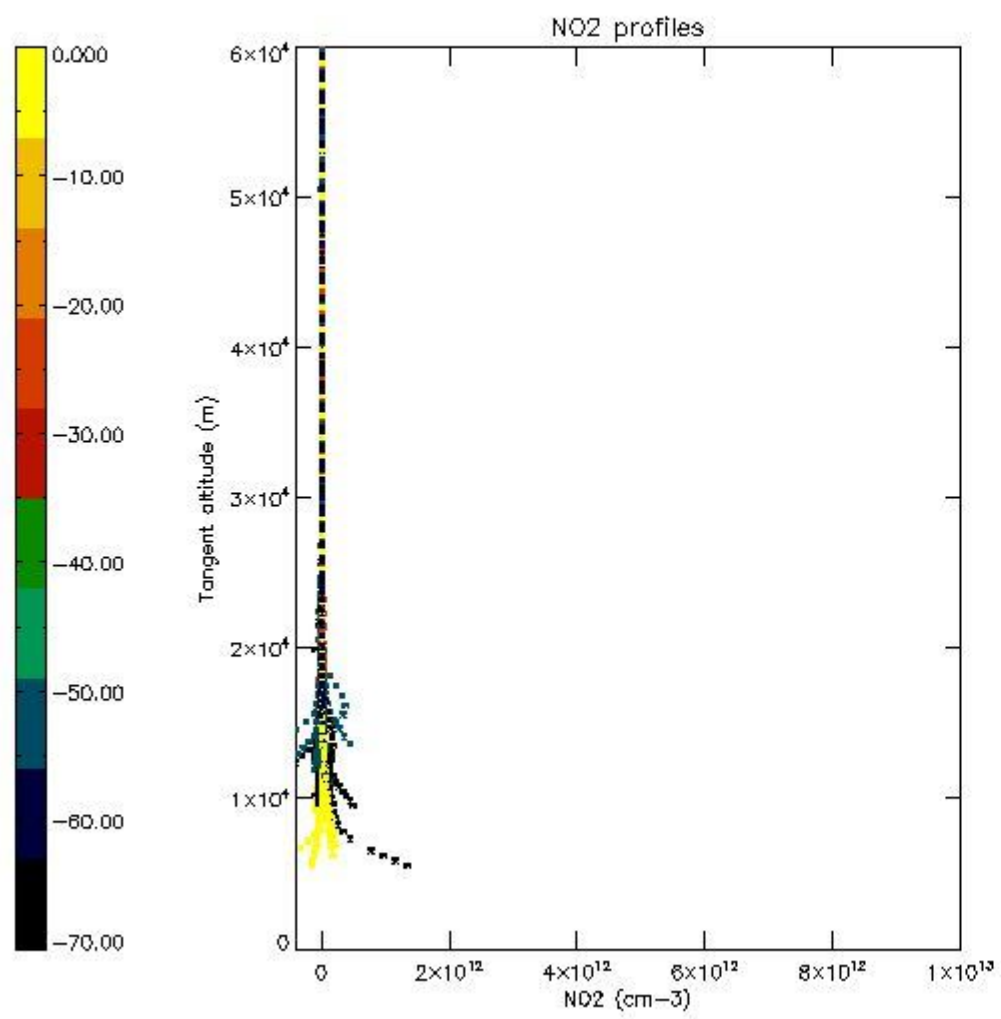
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

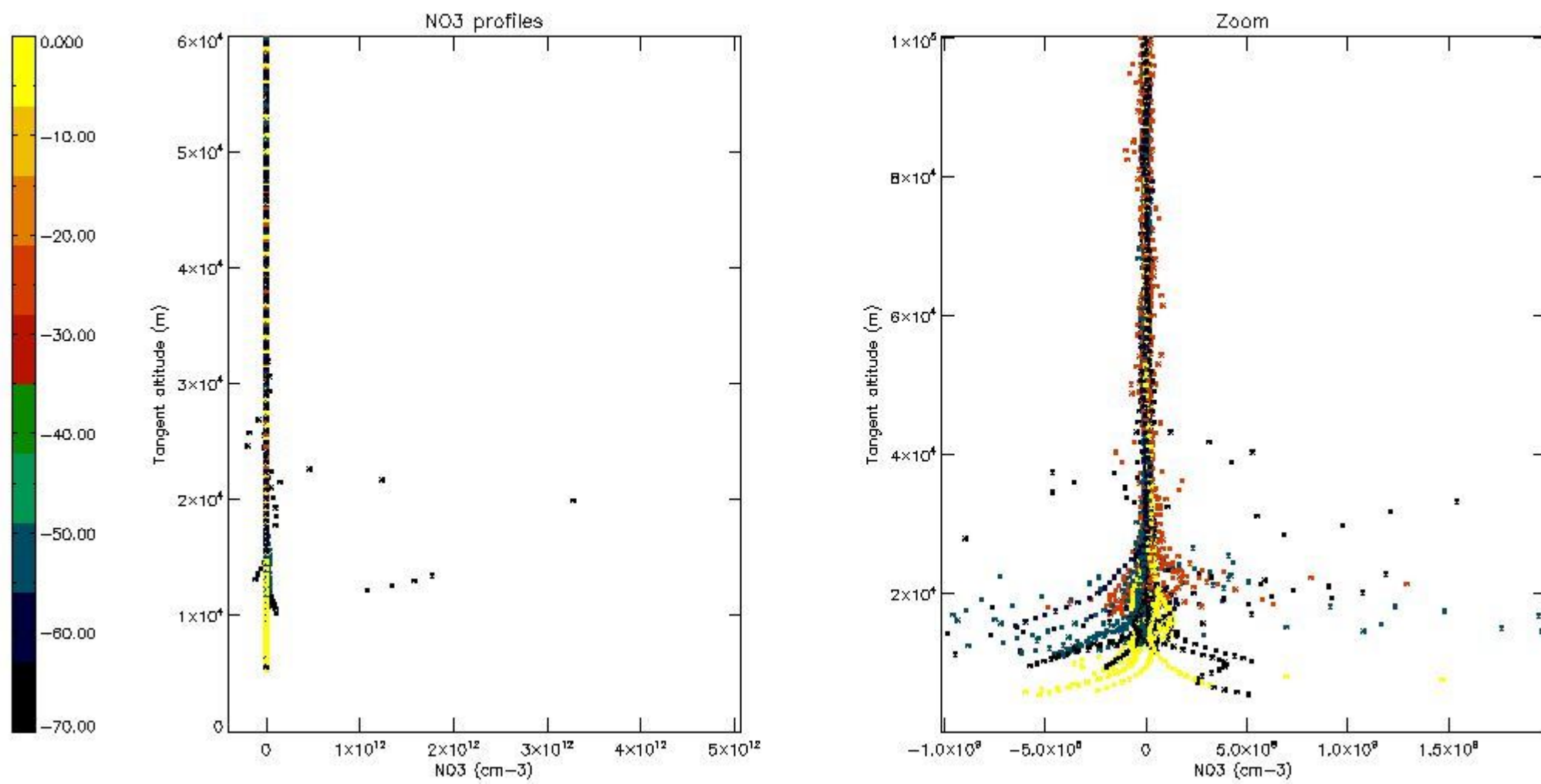
The colorbar represents the latitude.



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

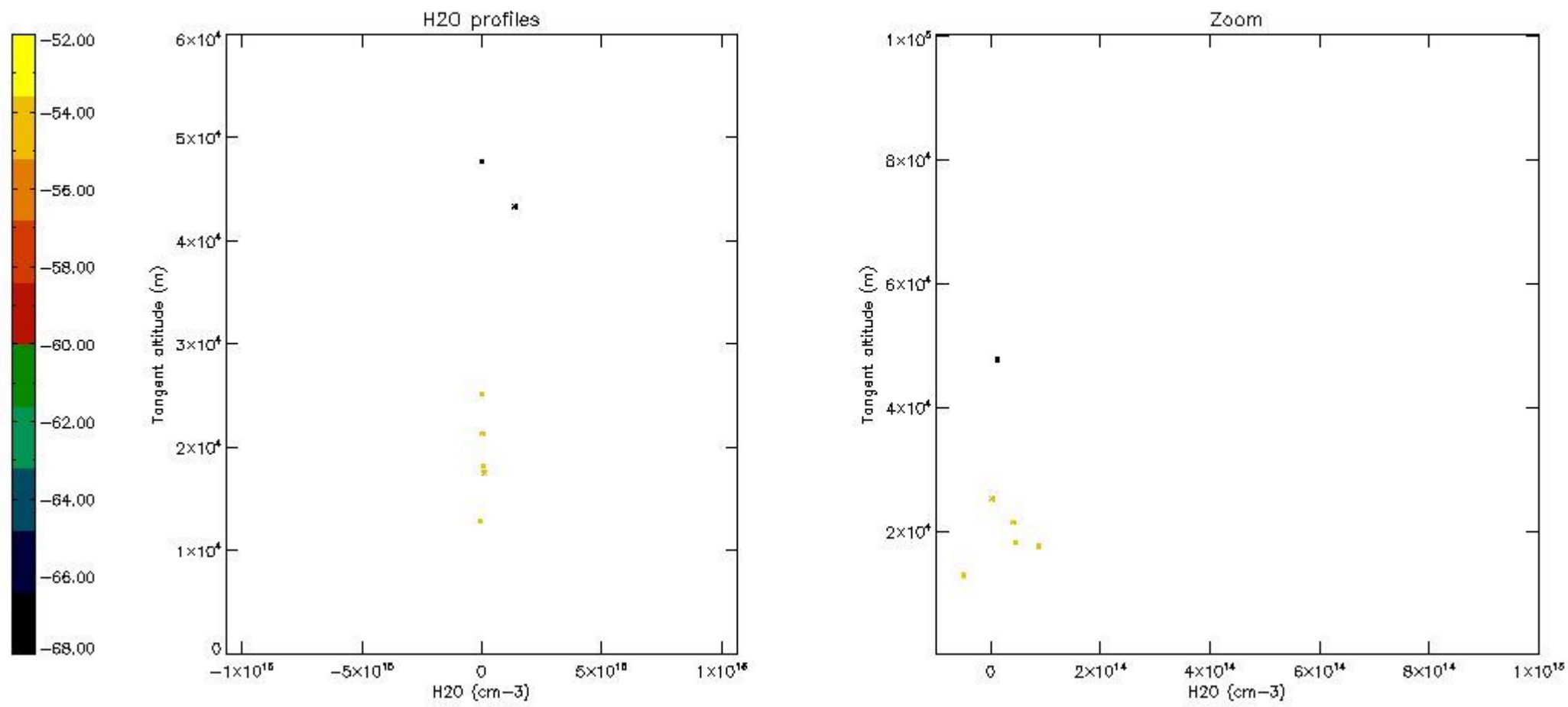
The colorbar represents the latitude.





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)

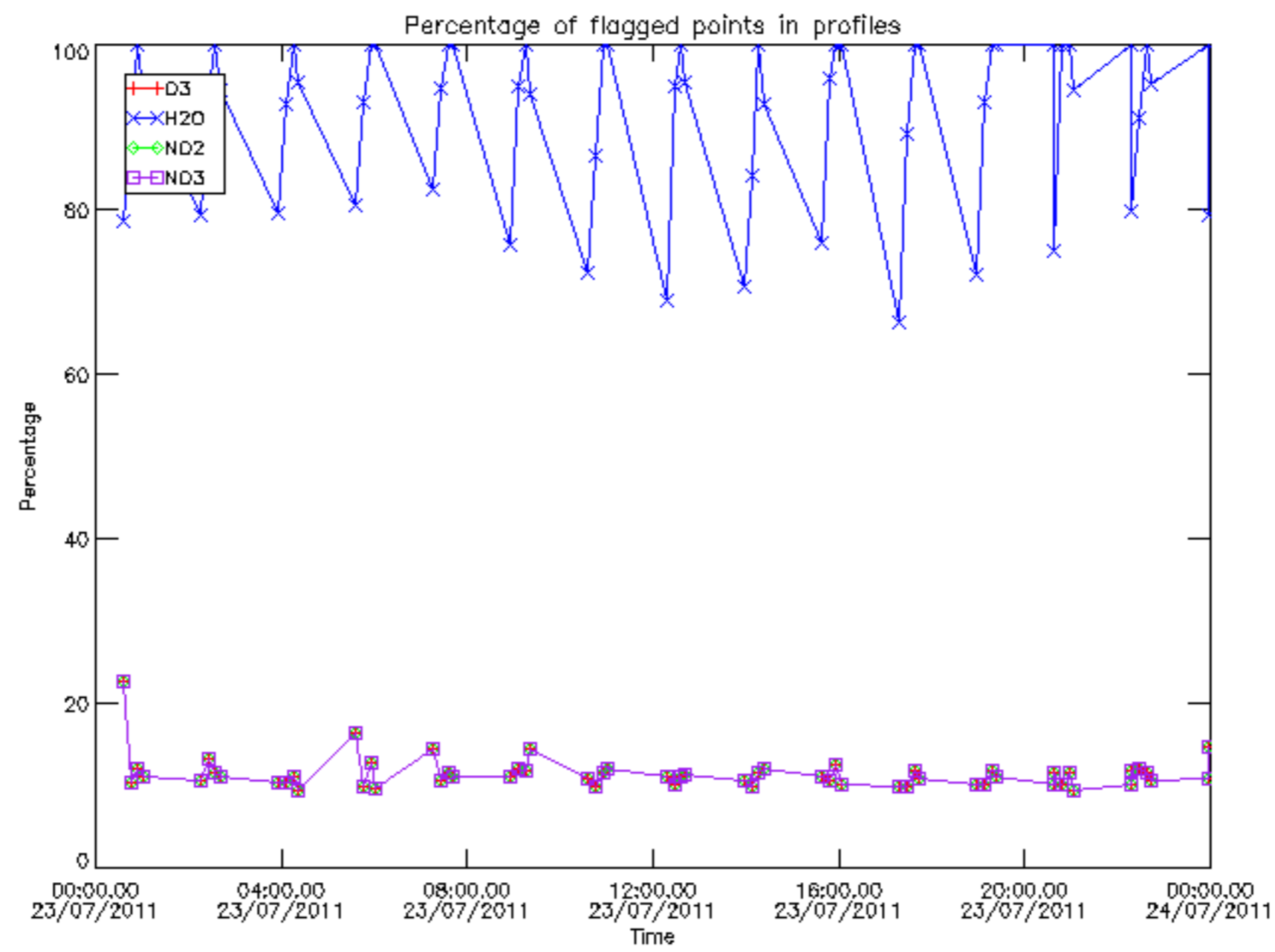
The colorbar represents the latitude.



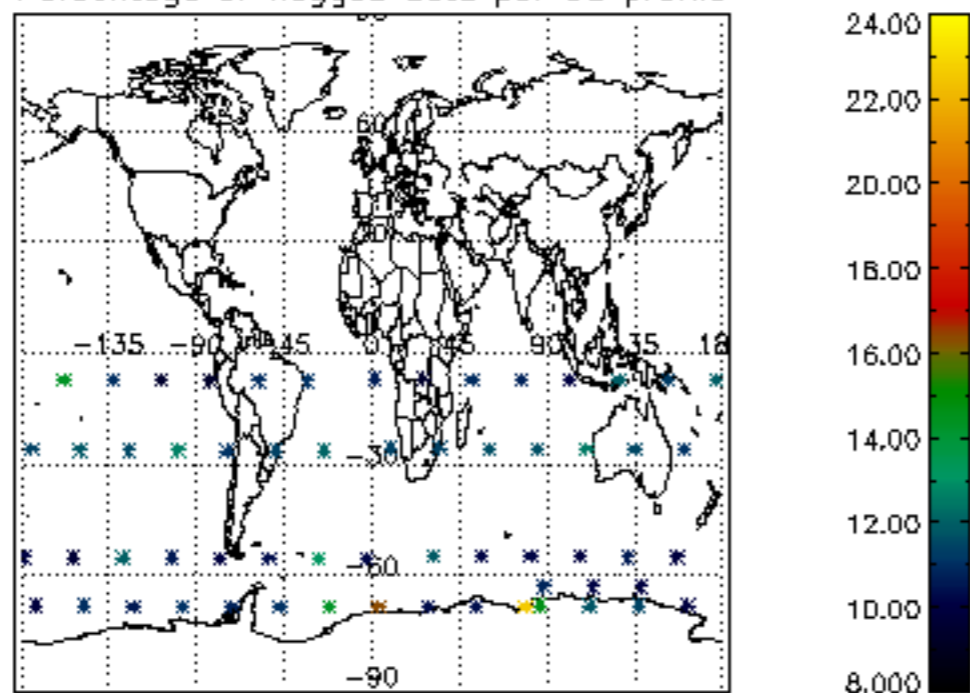
## 6. Auxiliary Data Files used for the production reported in section 2

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.

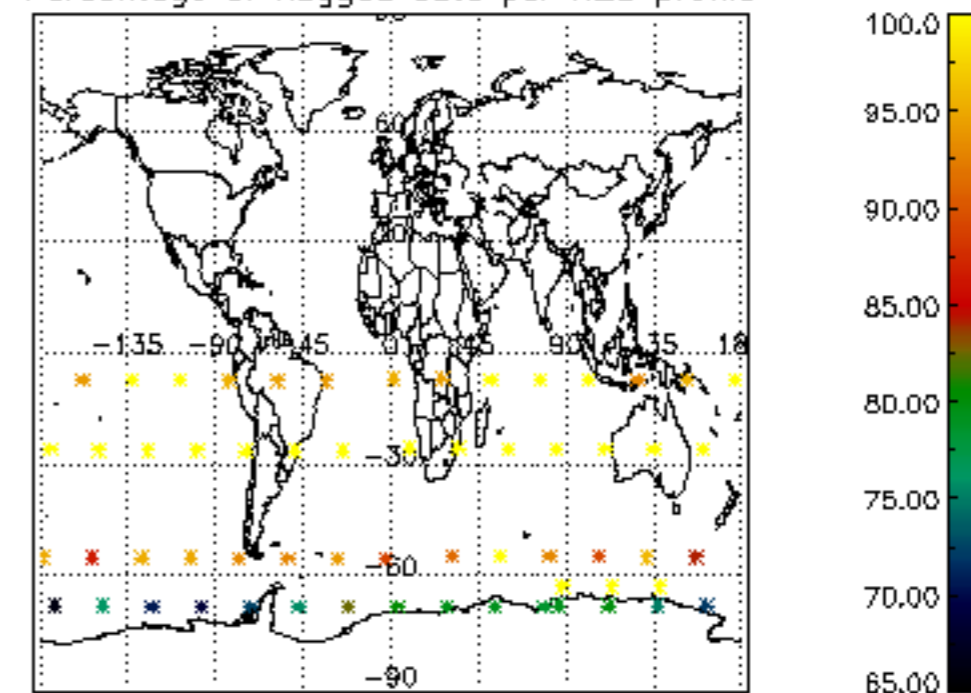
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JUL-2011 00:00:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUL-2011 00:00:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUL-2011 00:00:30



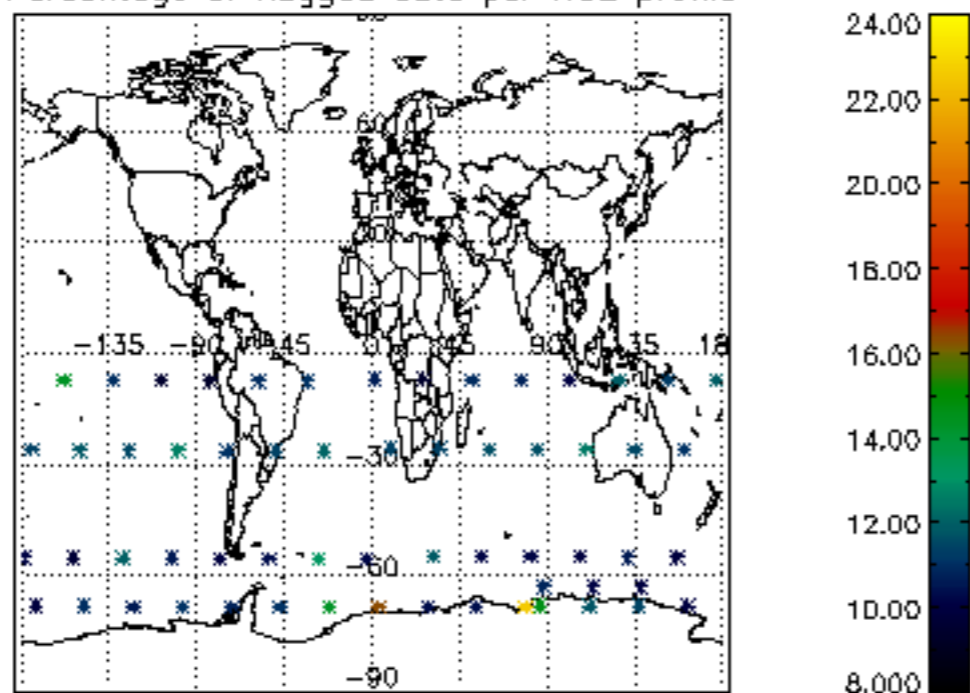
Percentage of flagged data per D3 profile



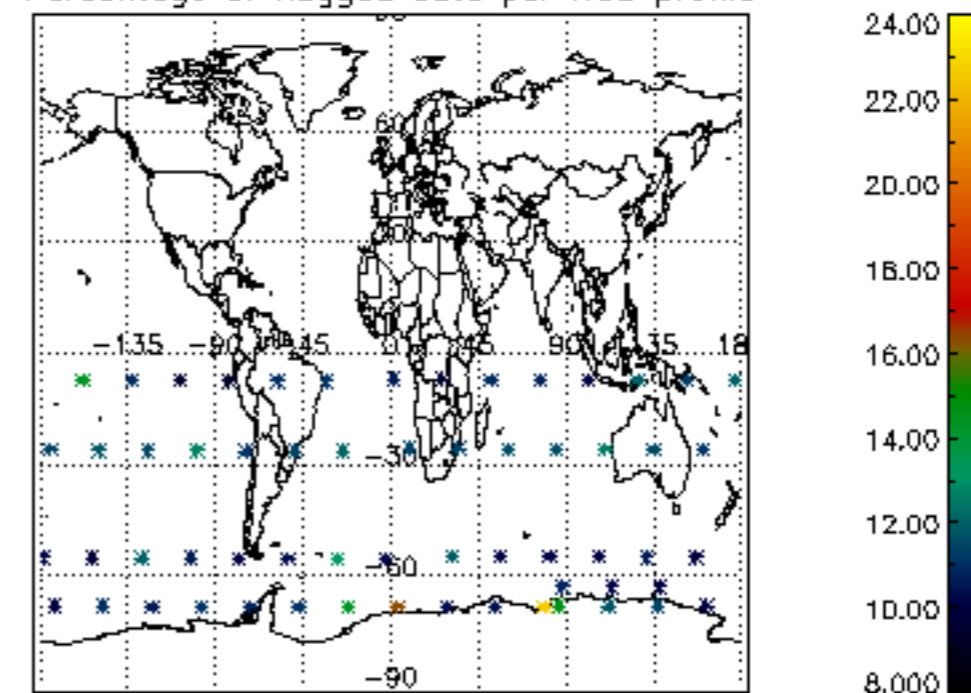
Percentage of flagged data per H2O profile



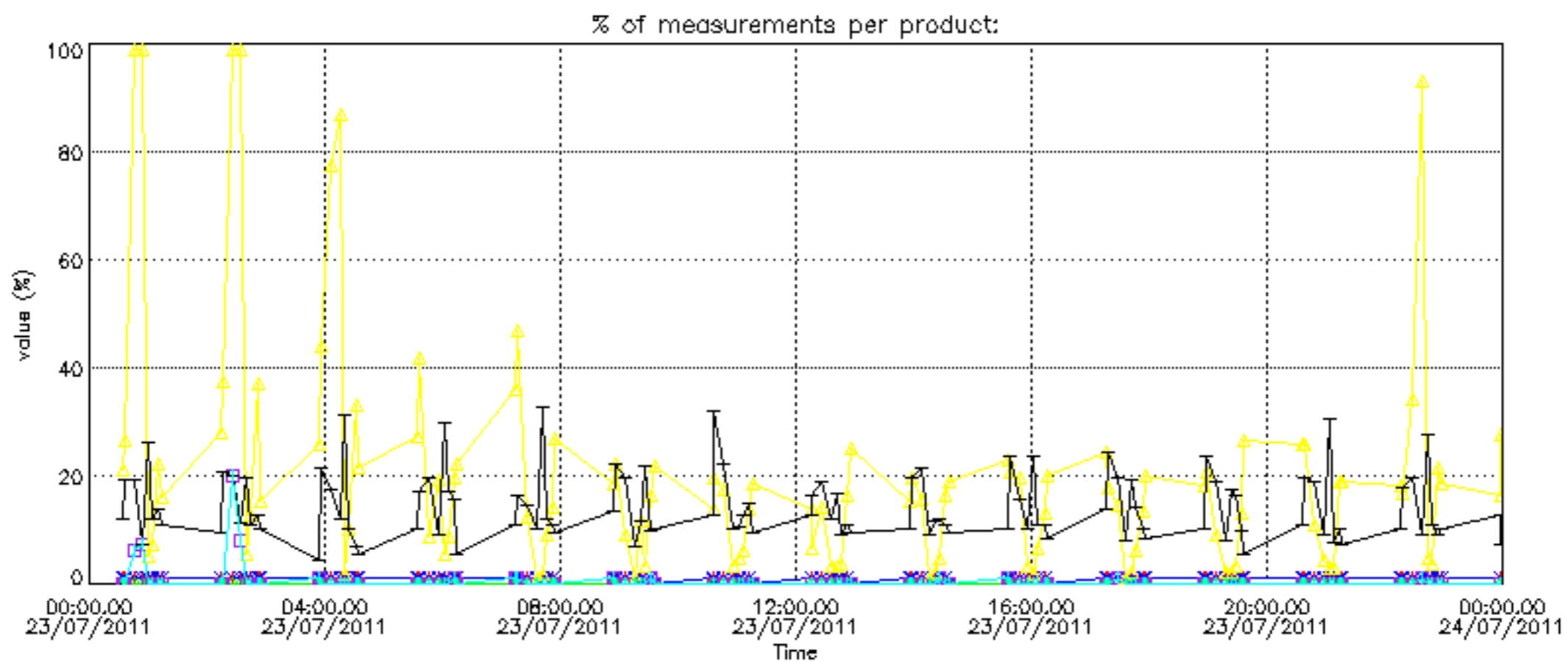
Percentage of flagged data per NO2 profile

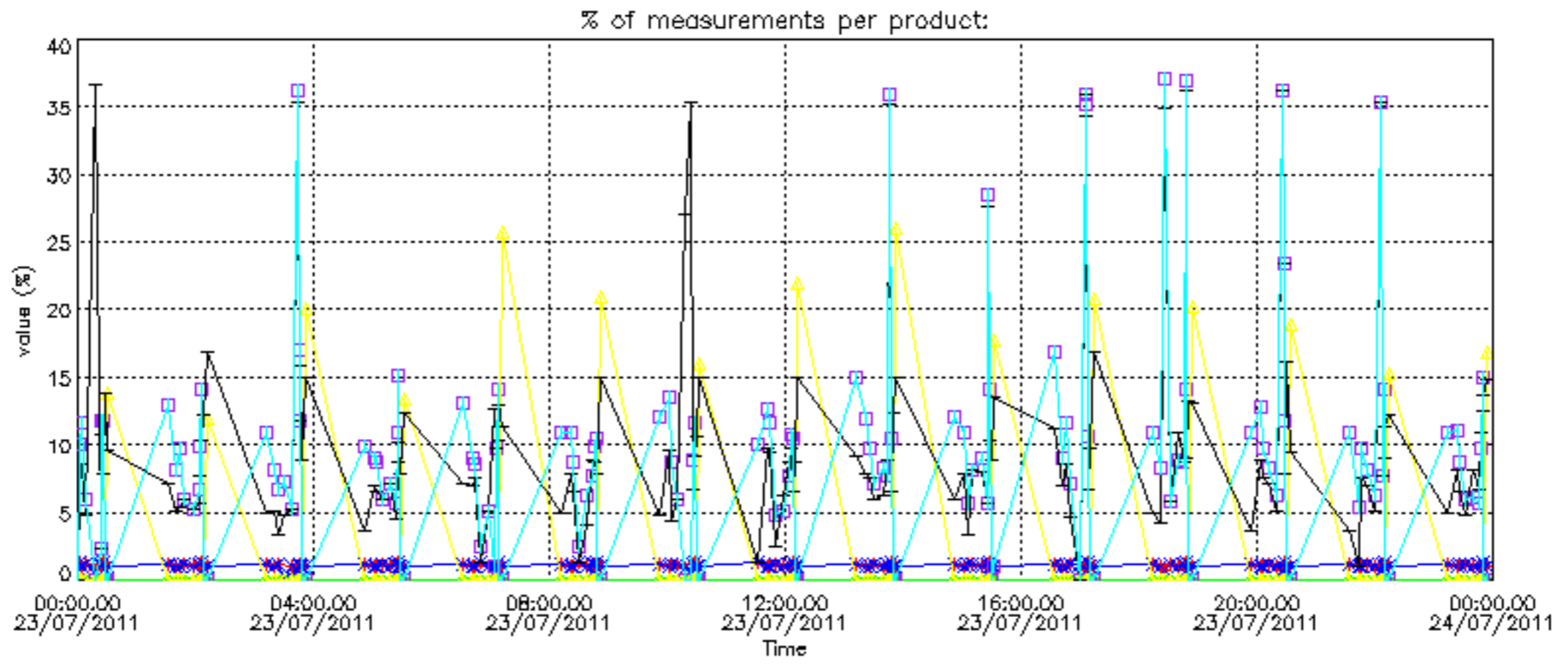


Percentage of flagged data per NO3 profile

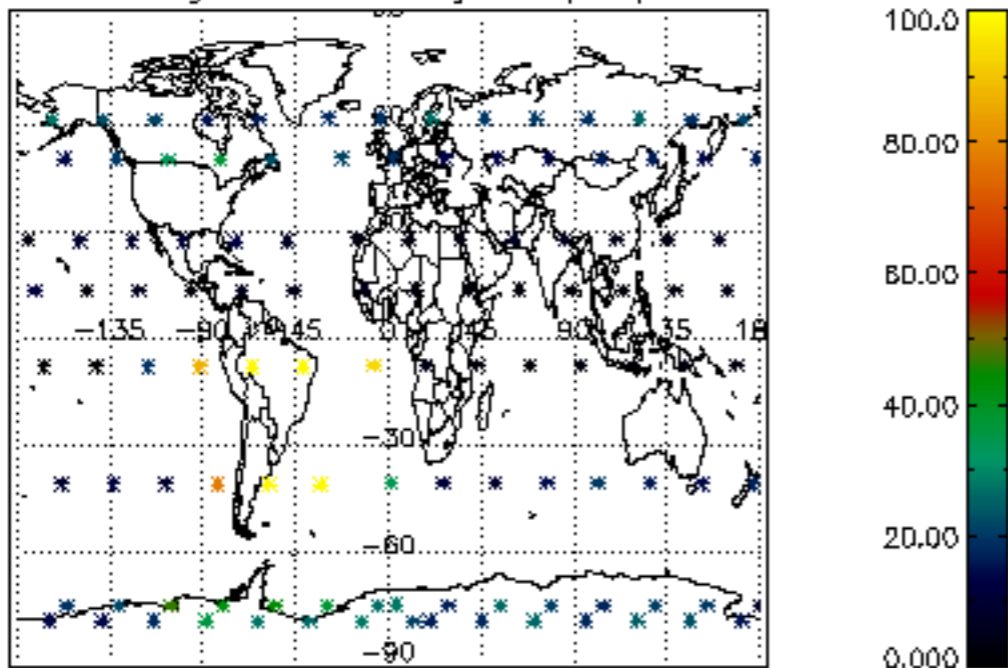




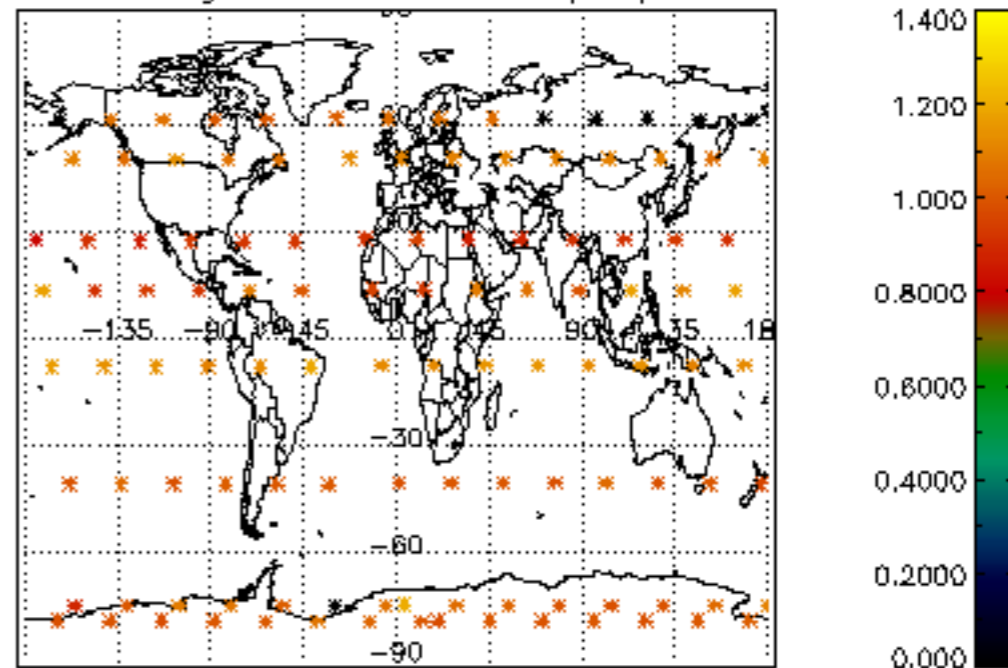




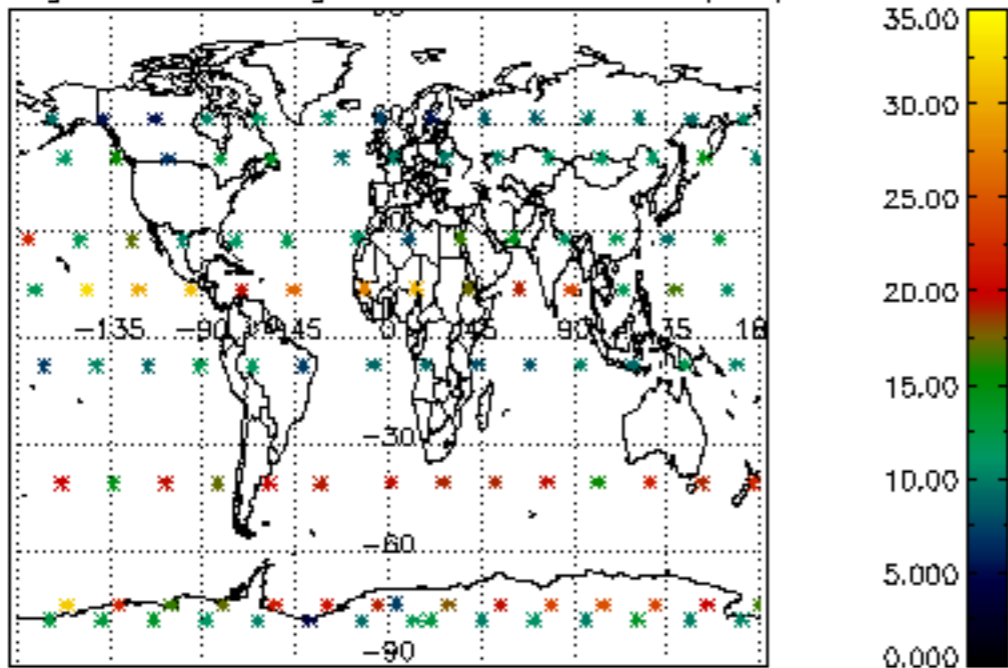
Percentage of cosmic ray hits per profile



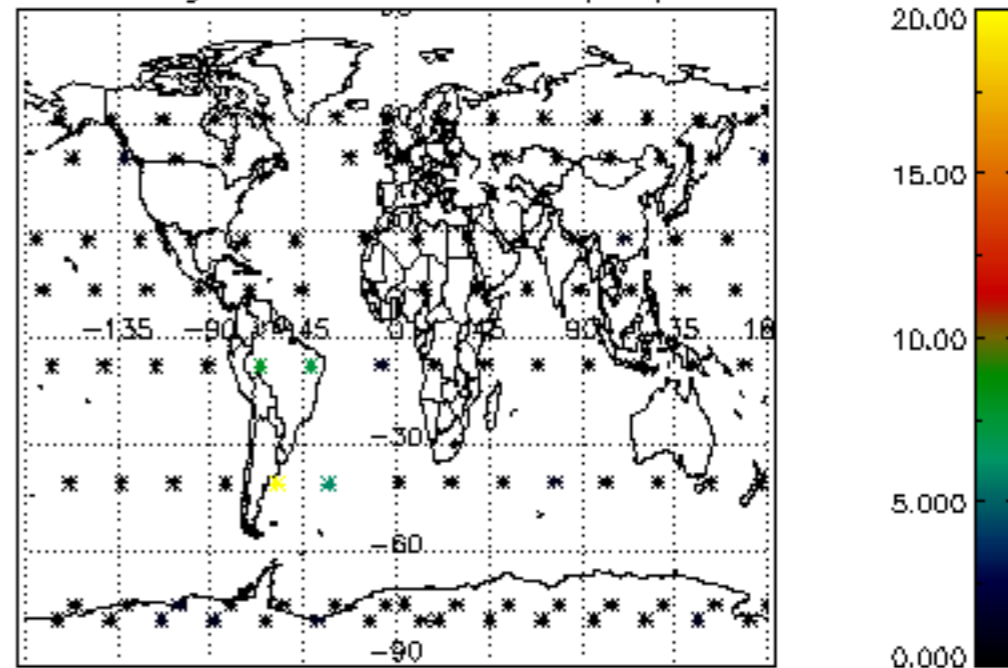
Percentage of datation errors per profile



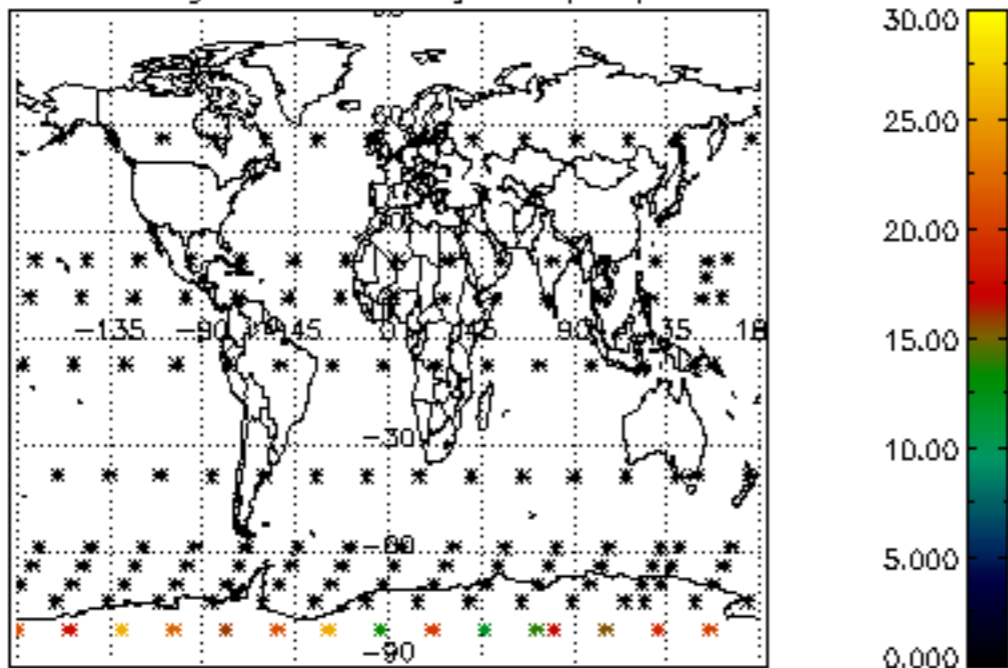
Percentage of star falling outside central band per profile



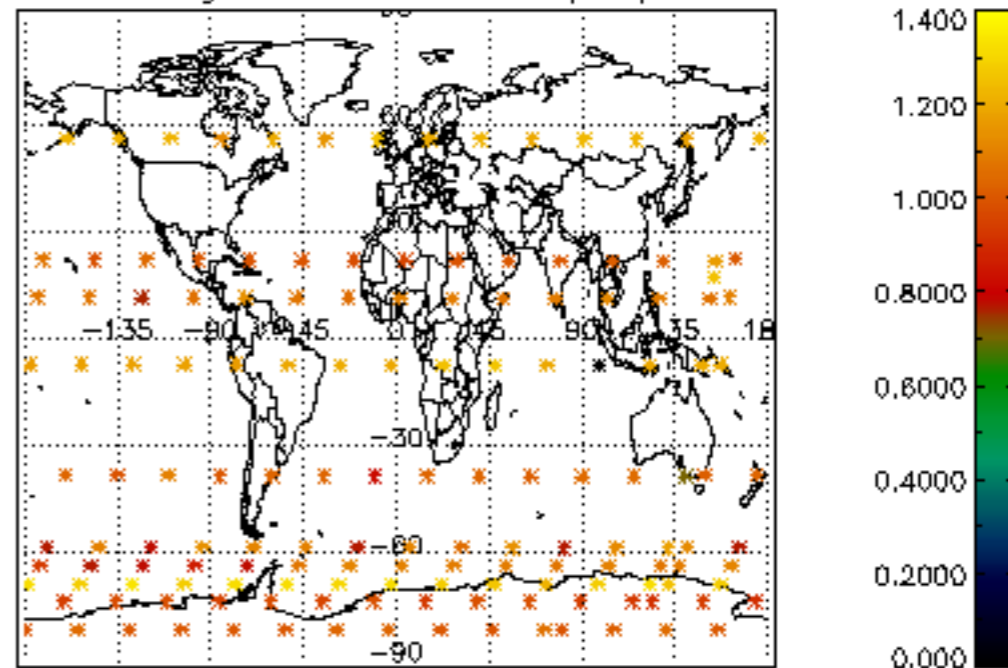
Percentage of saturation errors per profile



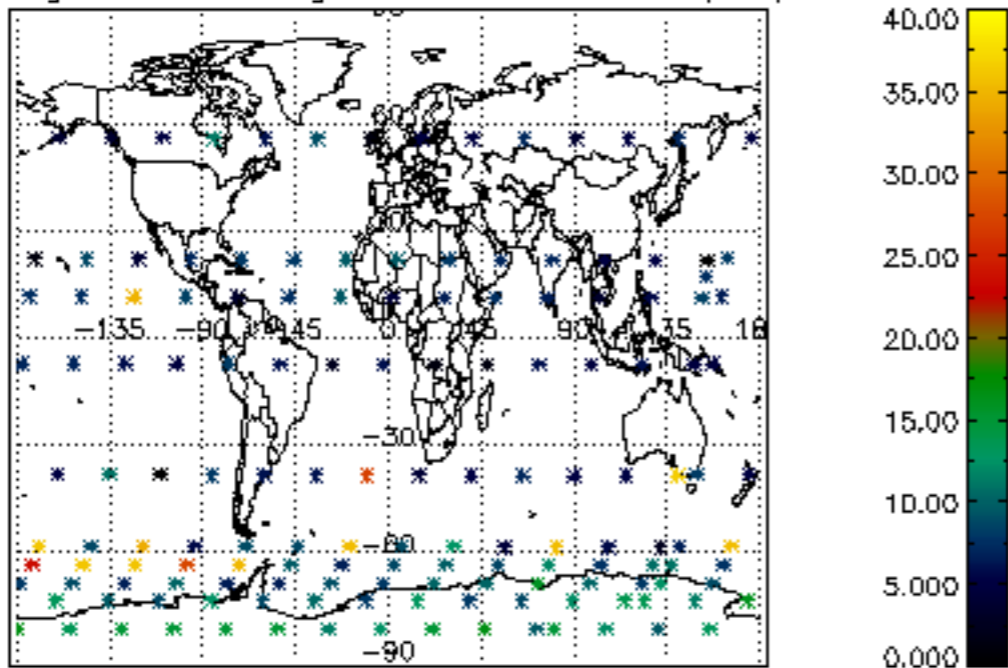
Percentage of cosmic ray hits per profile



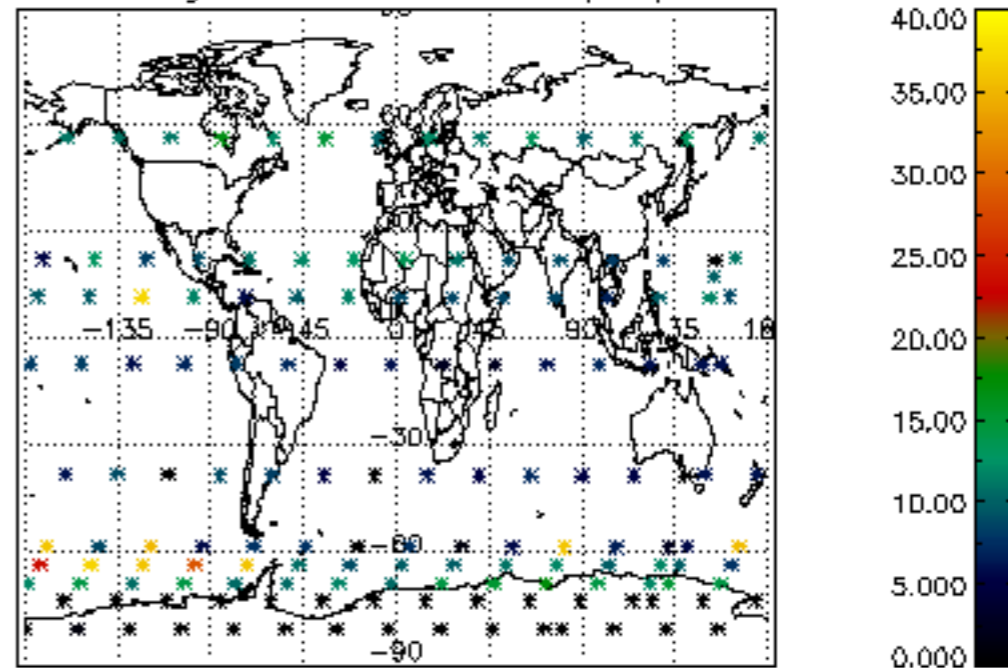
Percentage of datation errors per profile



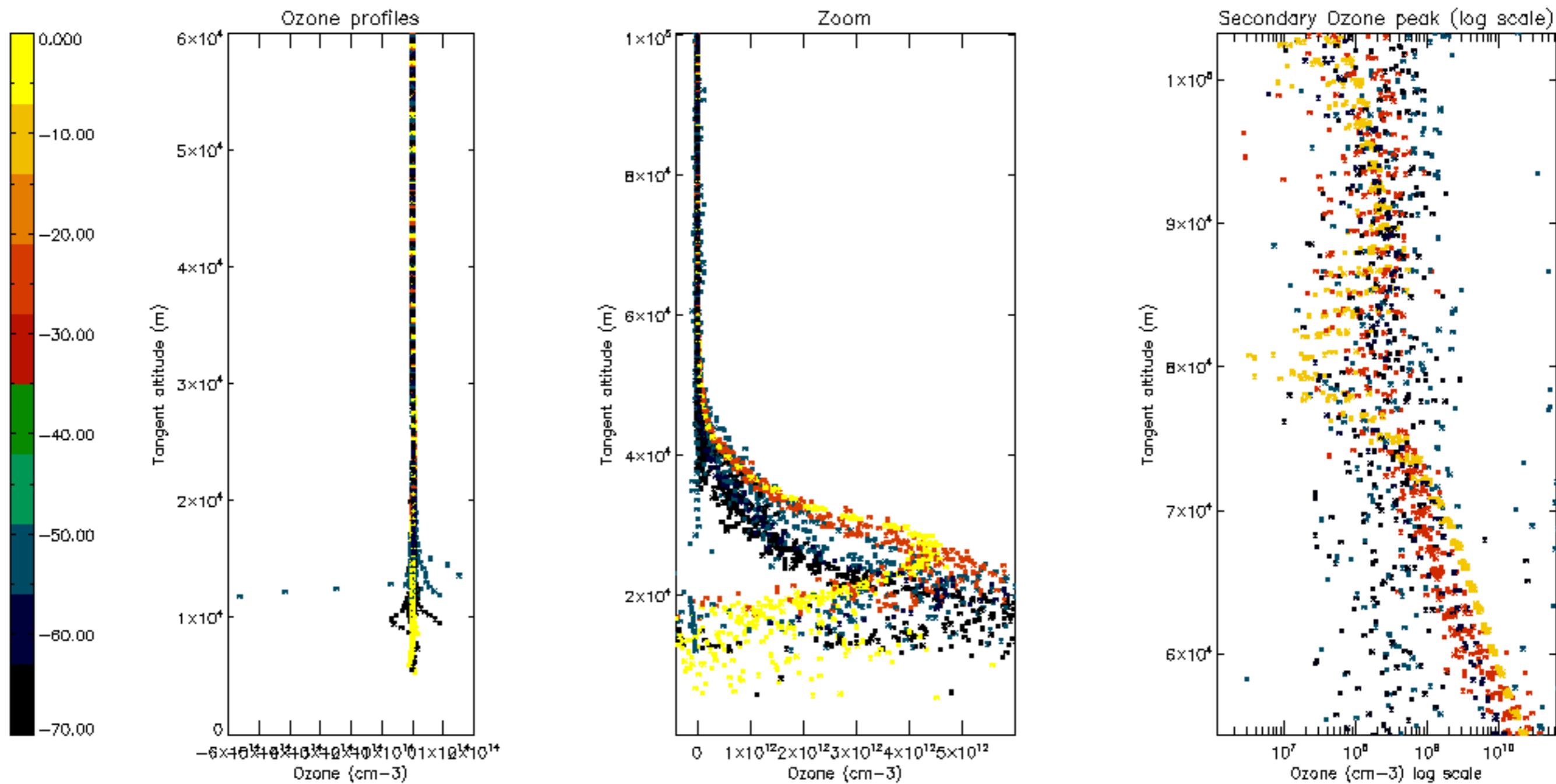
Percentage of star falling outside central band per profile

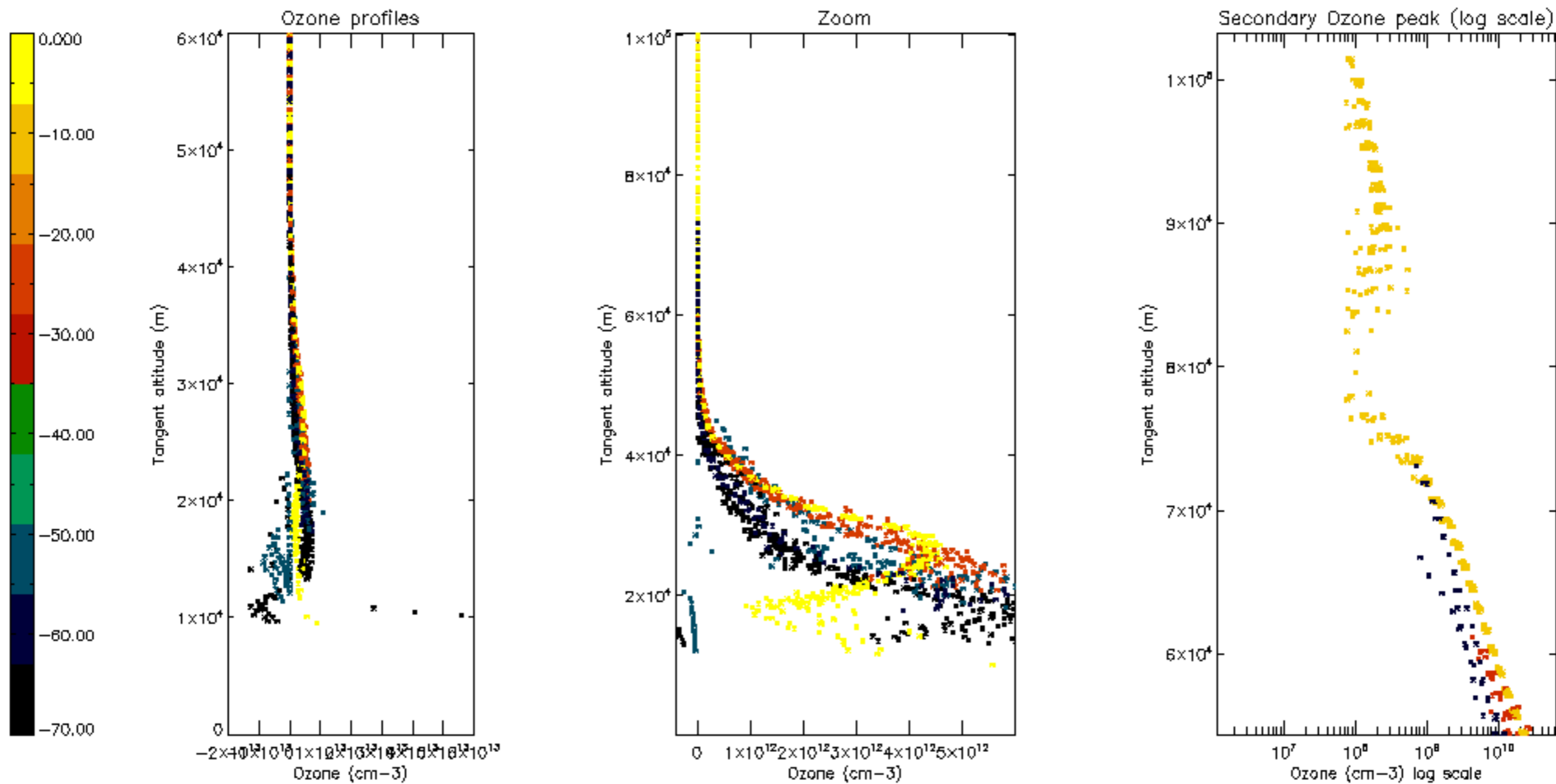


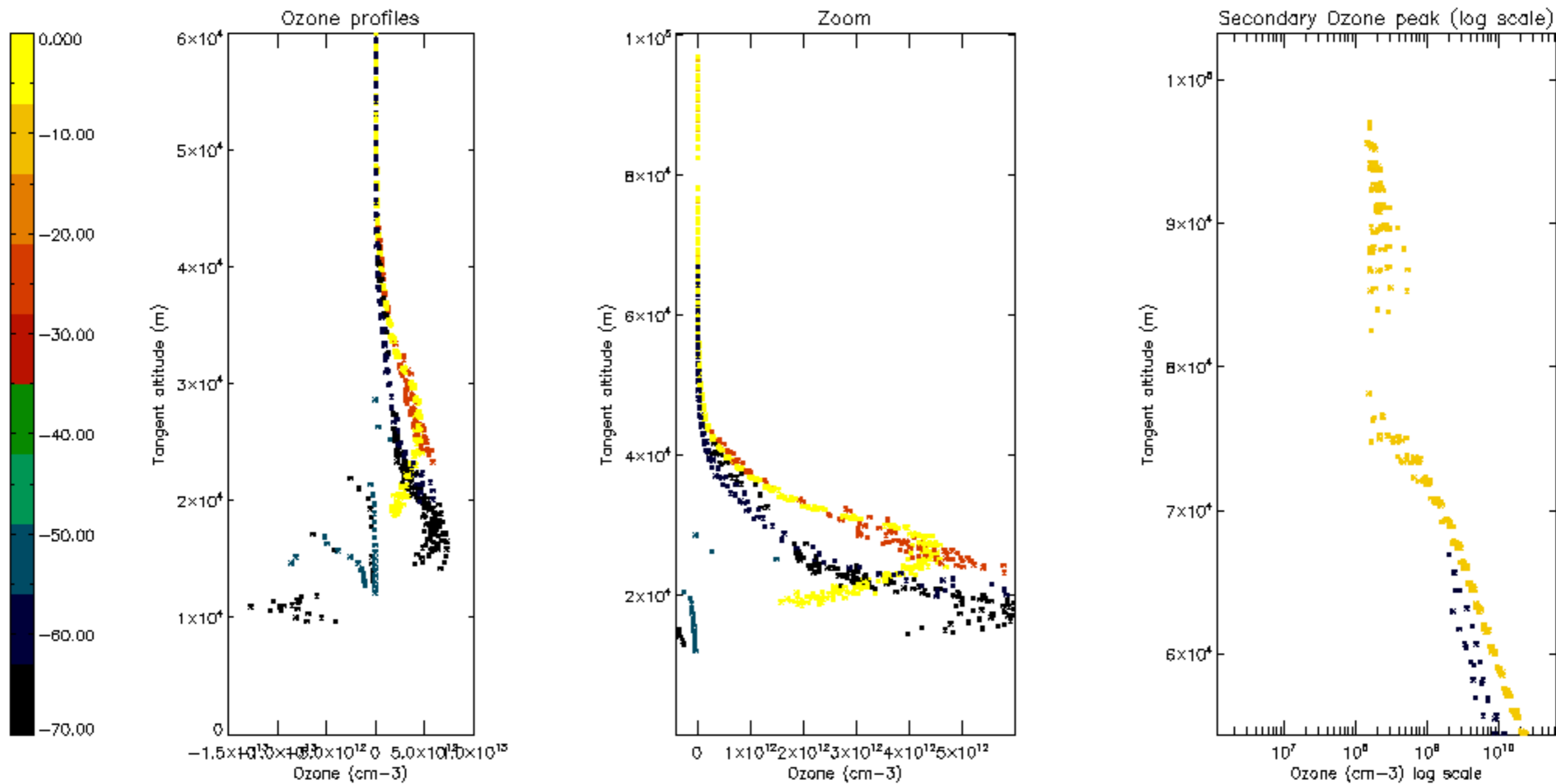
Percentage of saturation errors per profile

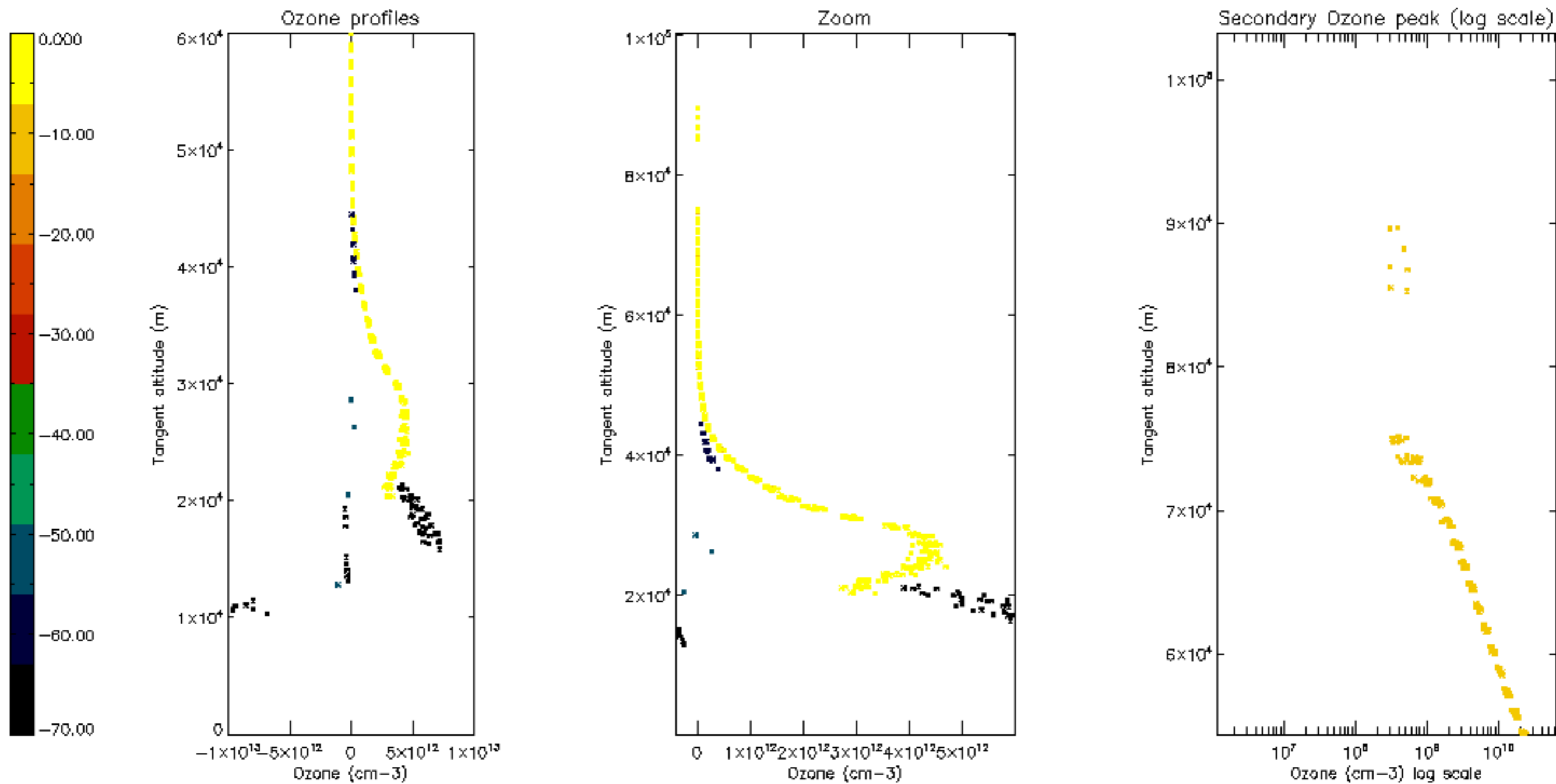




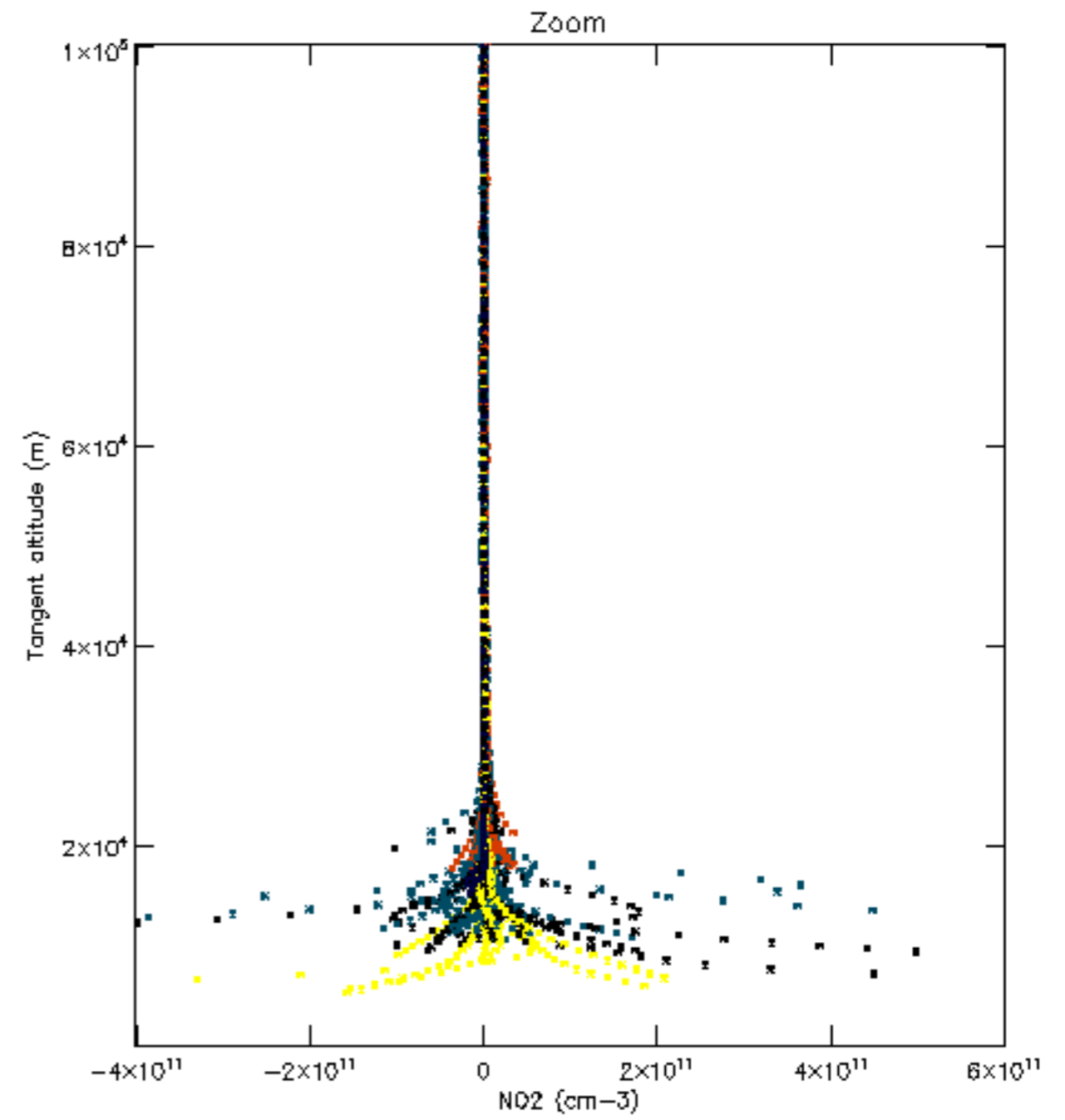
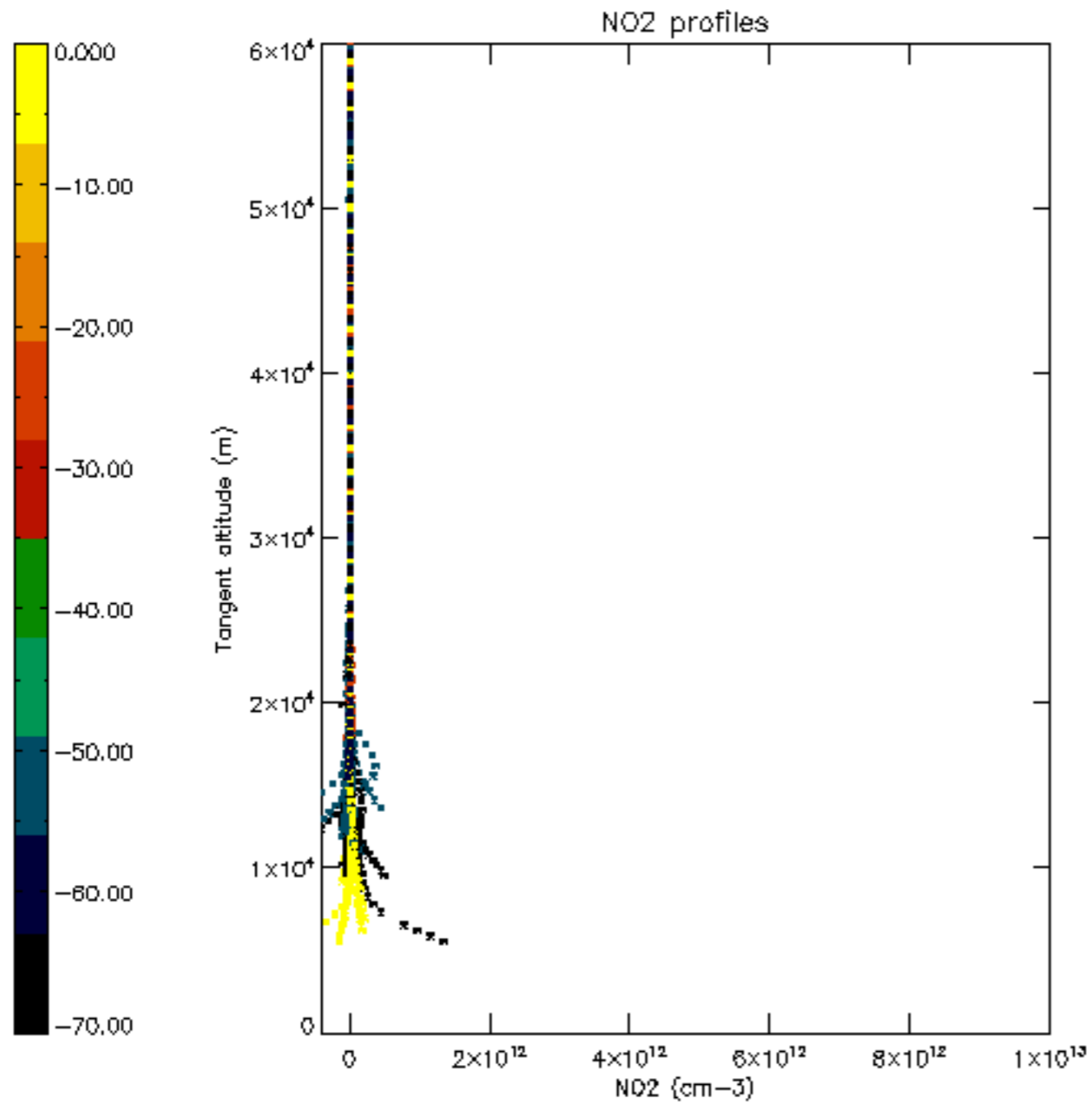


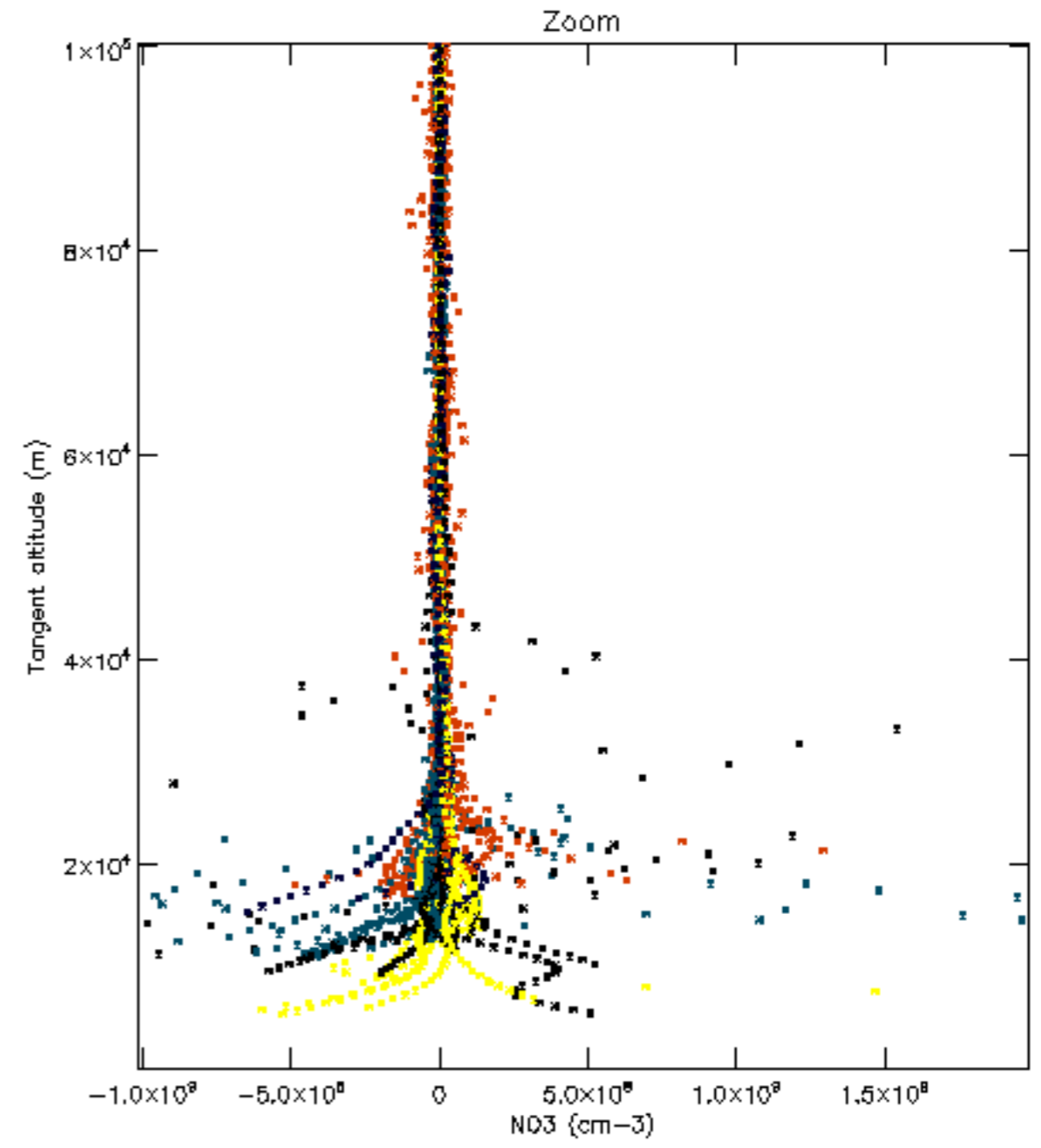
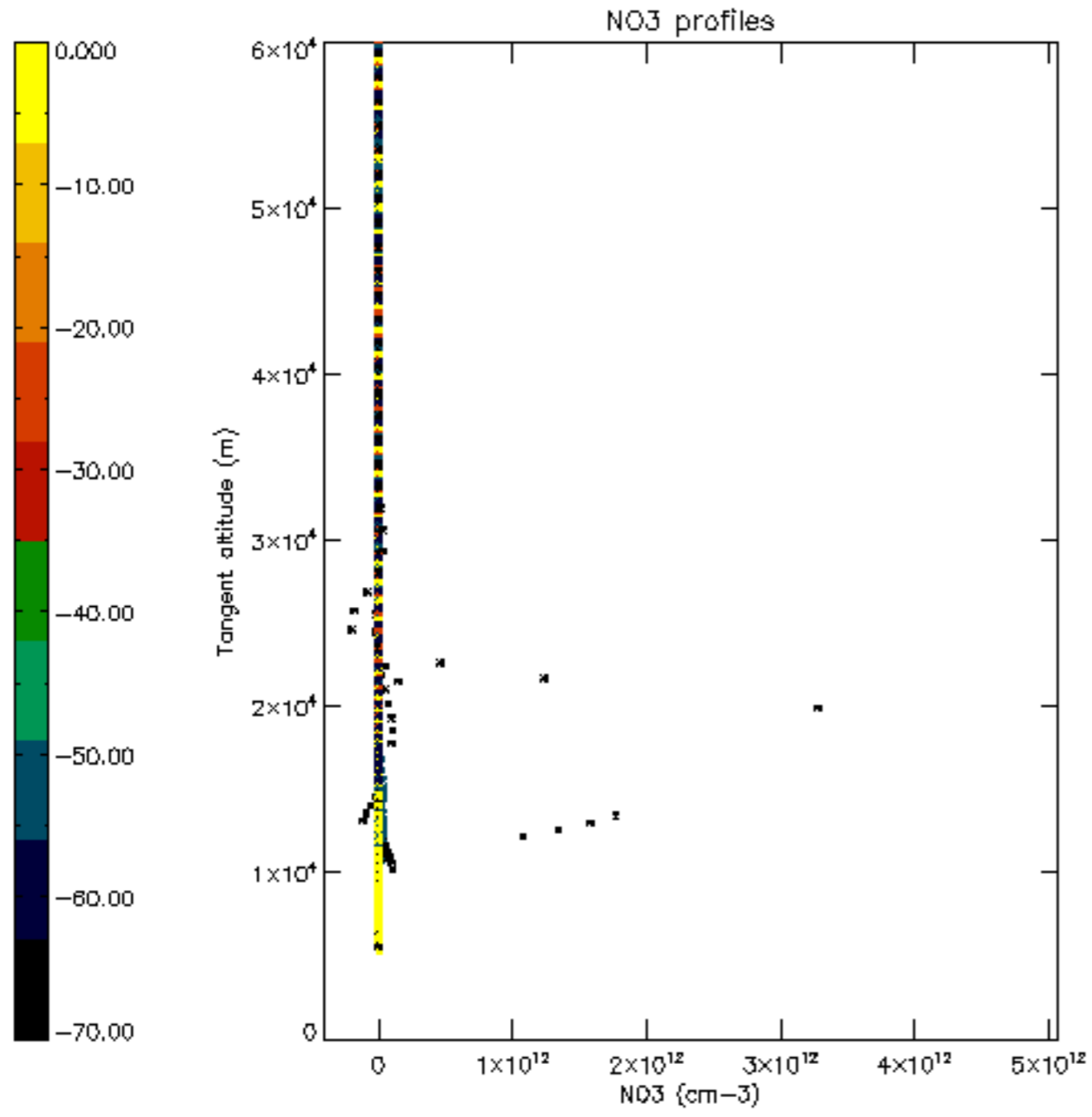


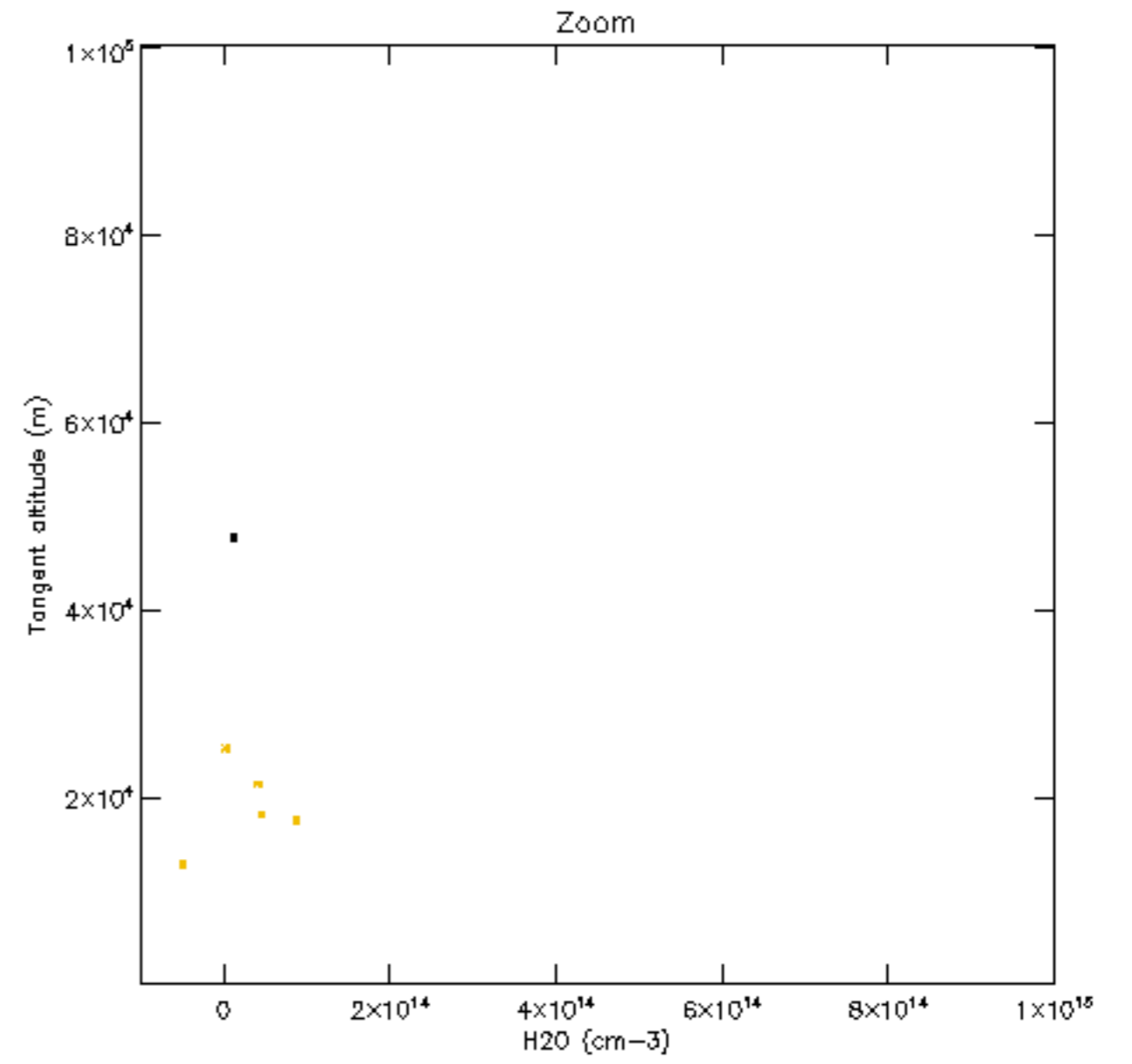
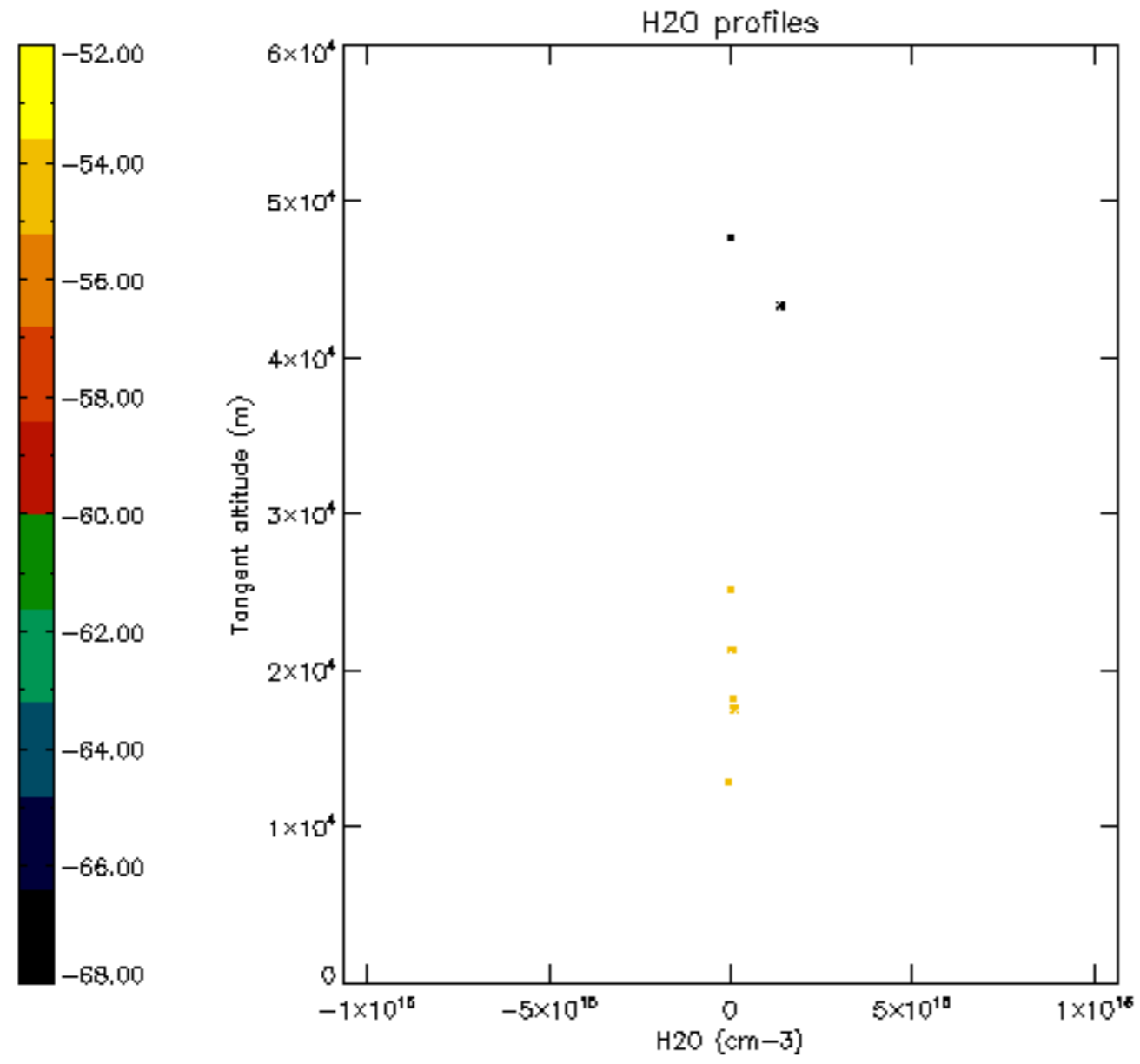


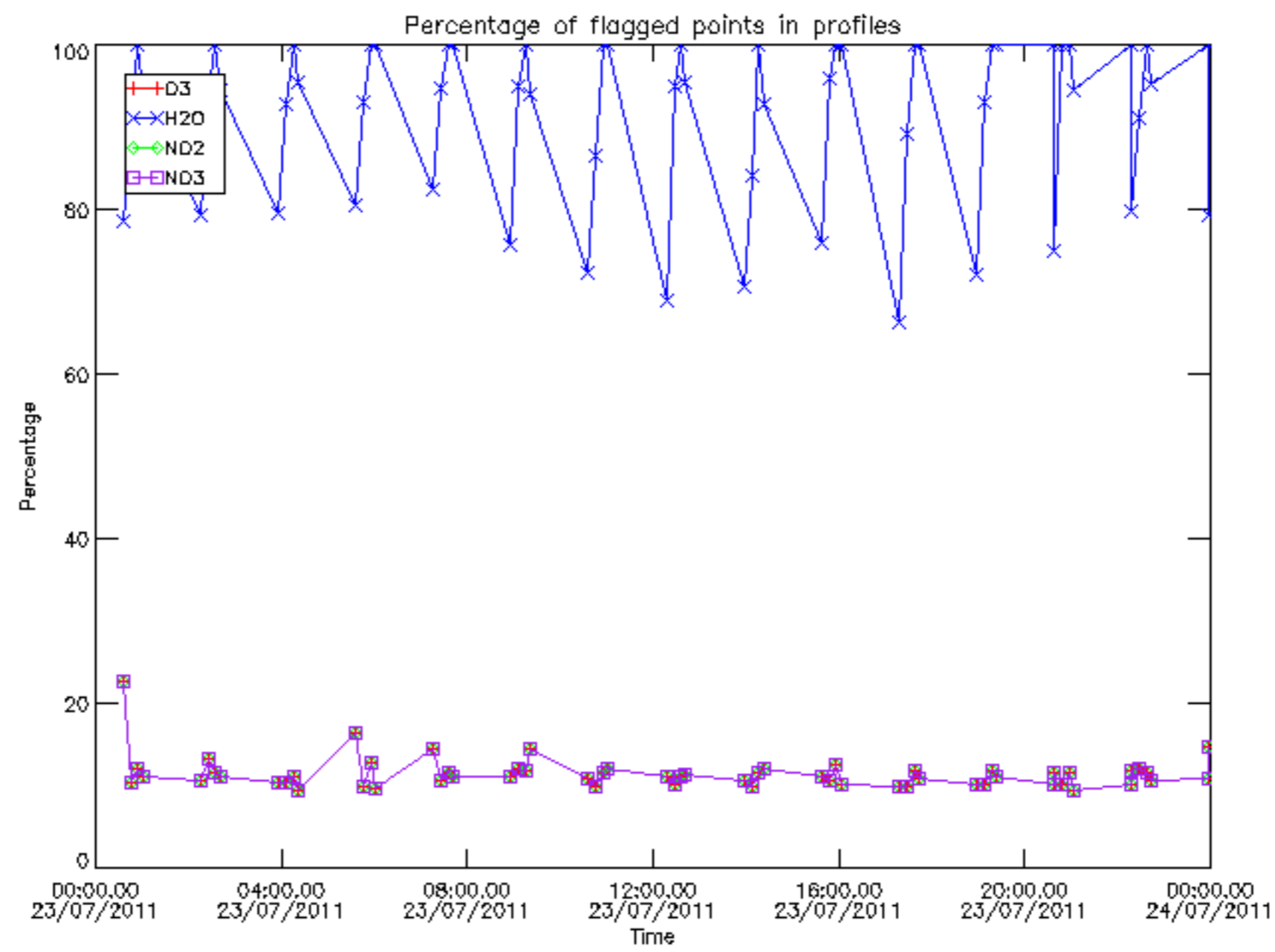






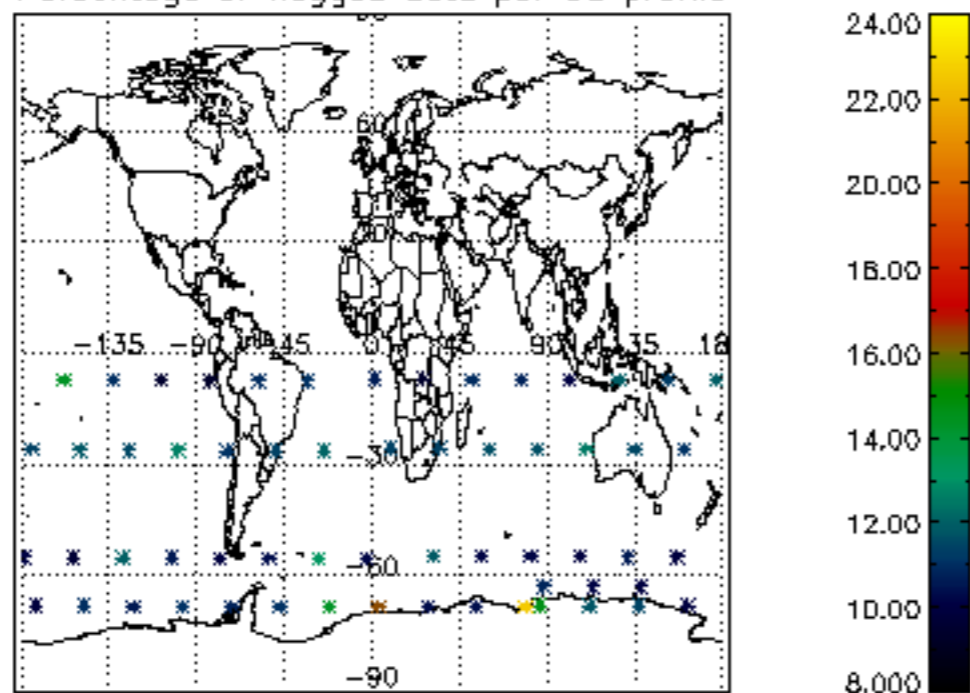




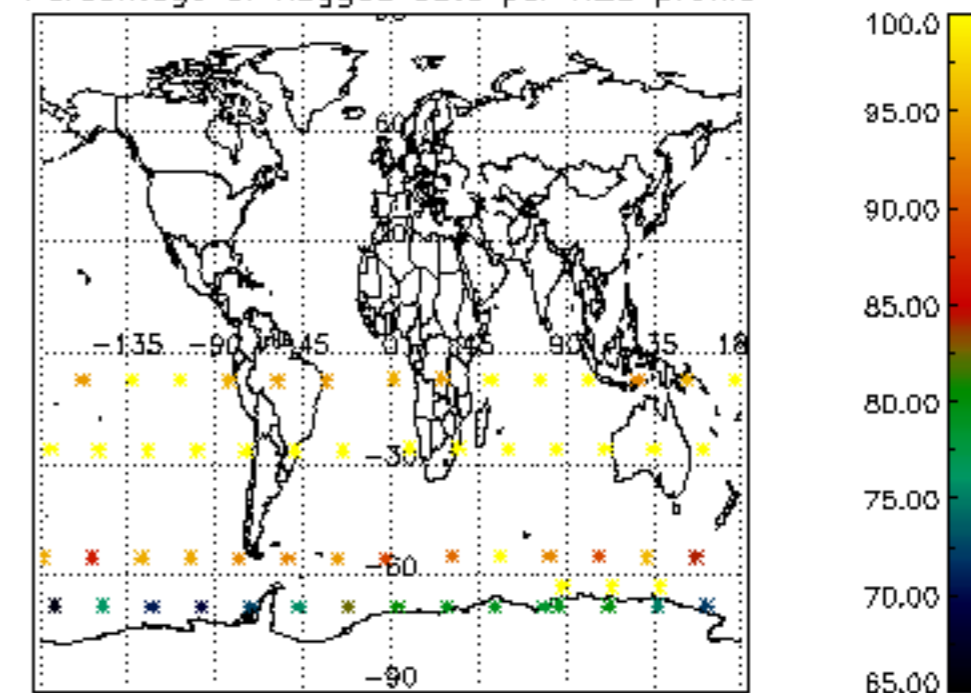




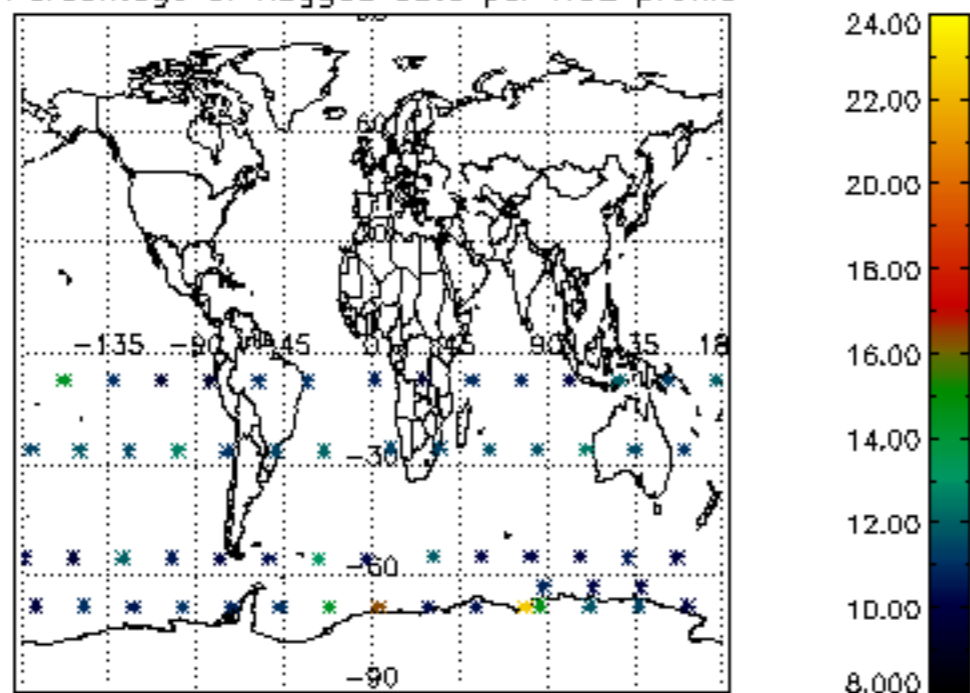
Percentage of flagged data per D3 profile



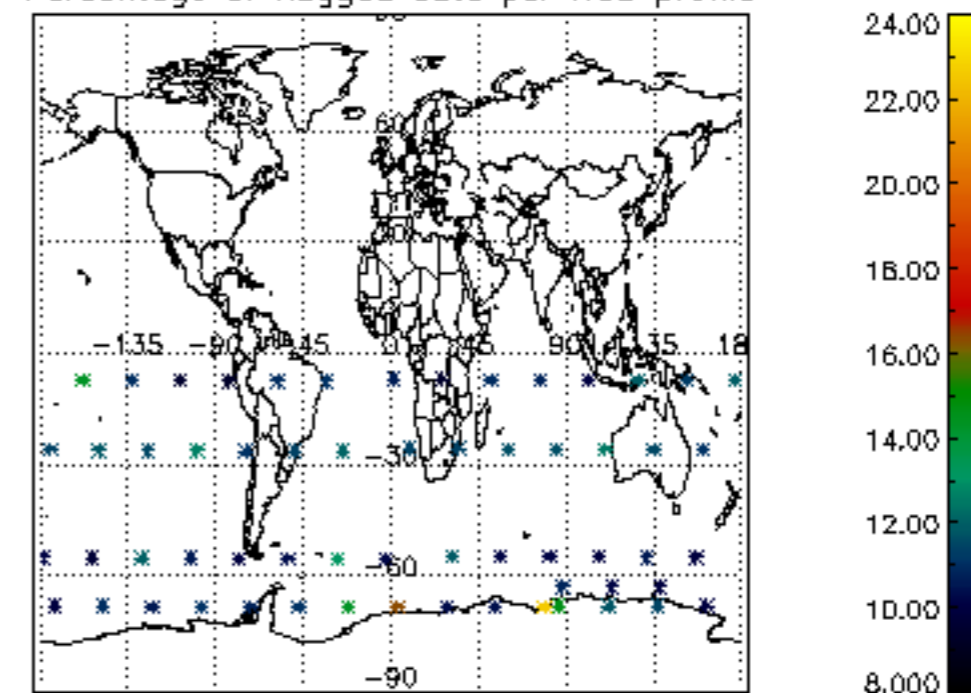
Percentage of flagged data per H2O profile

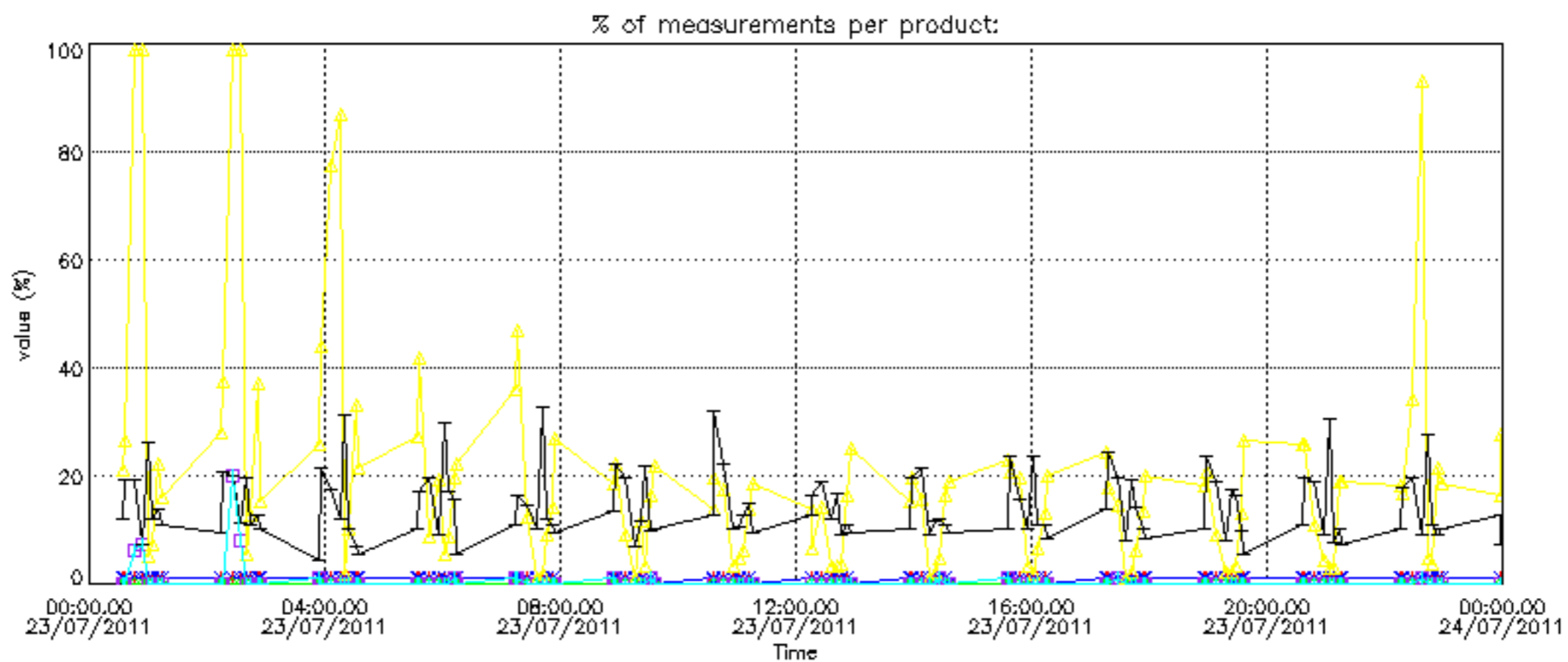


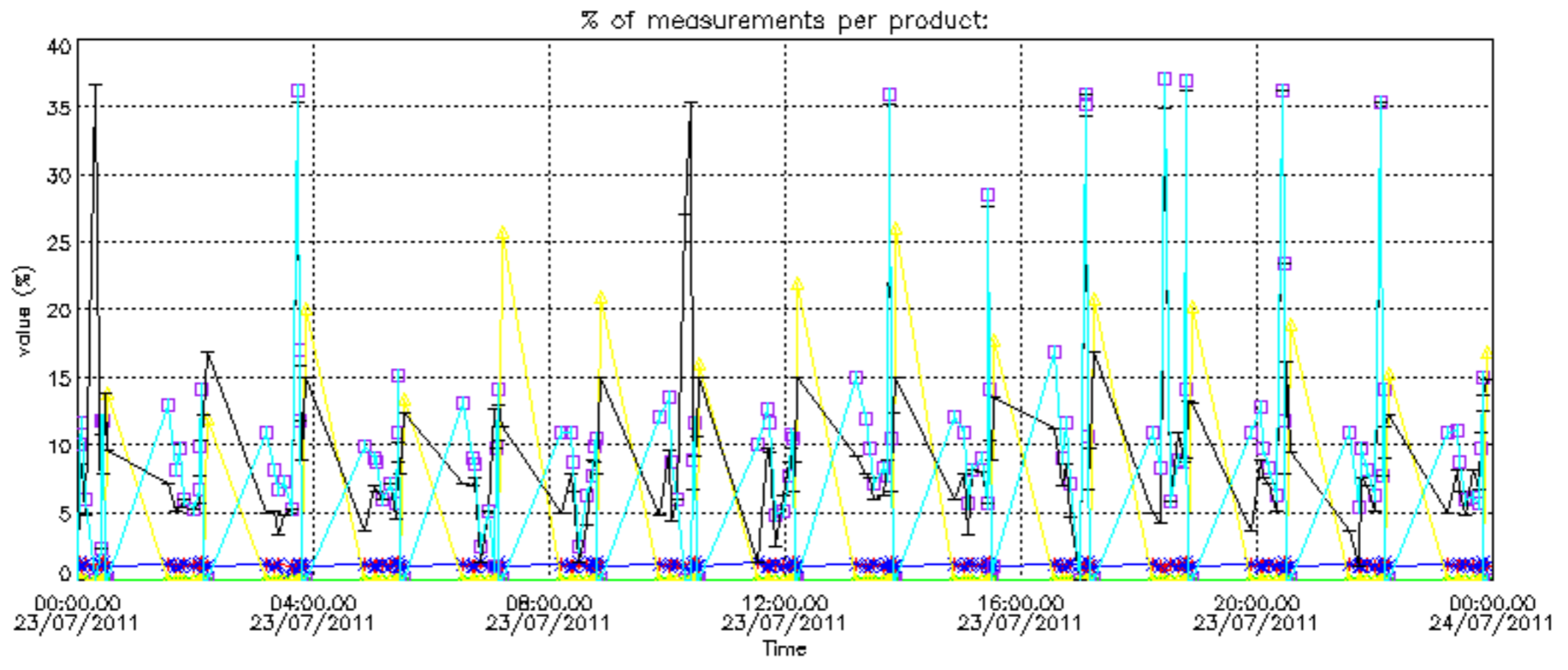
Percentage of flagged data per NO2 profile



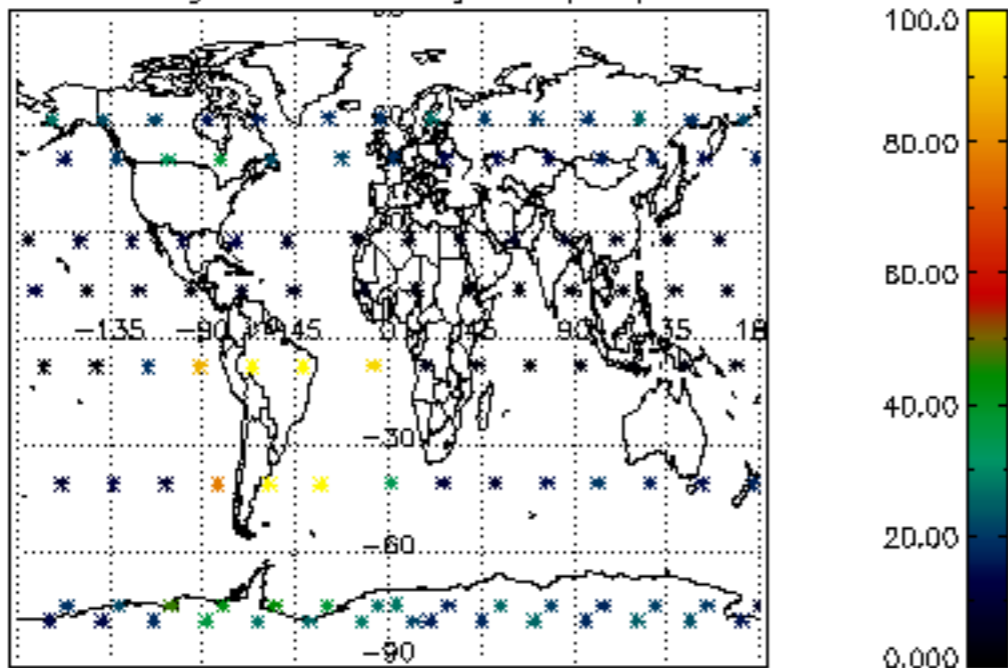
Percentage of flagged data per NO3 profile



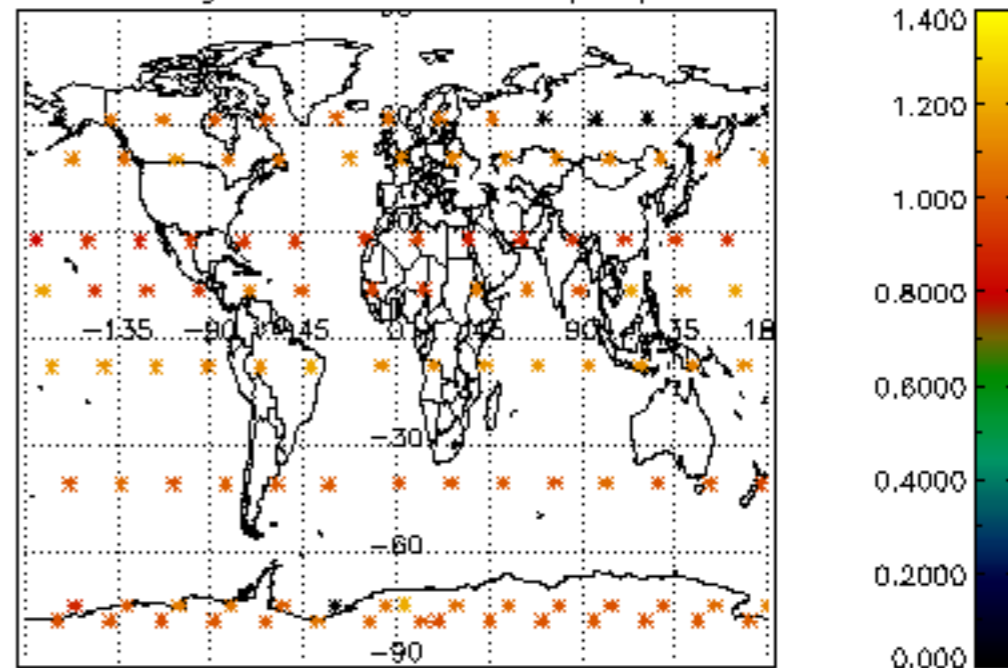




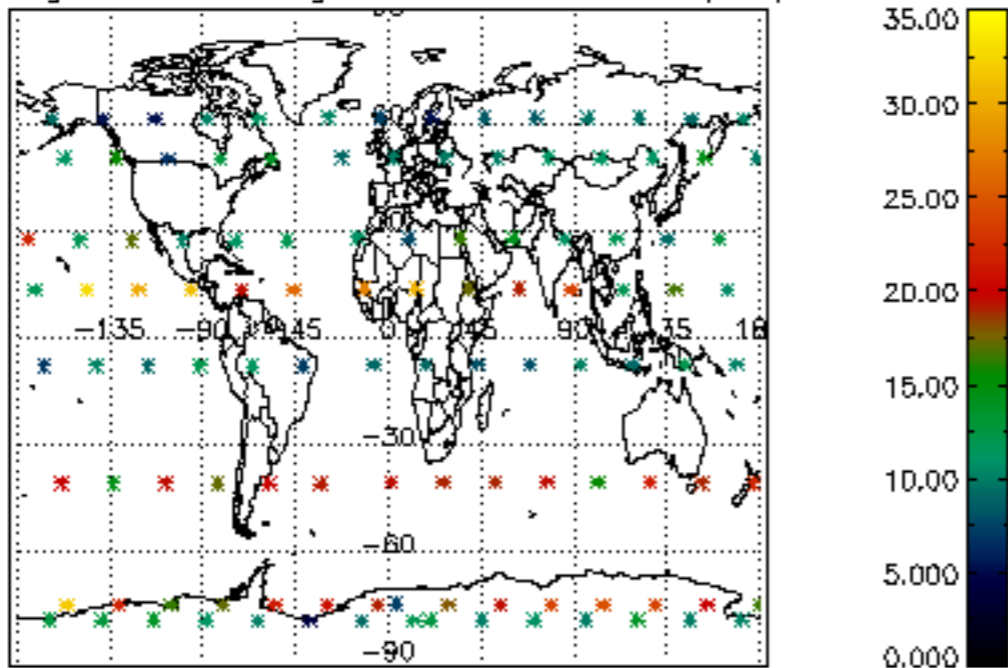
Percentage of cosmic ray hits per profile



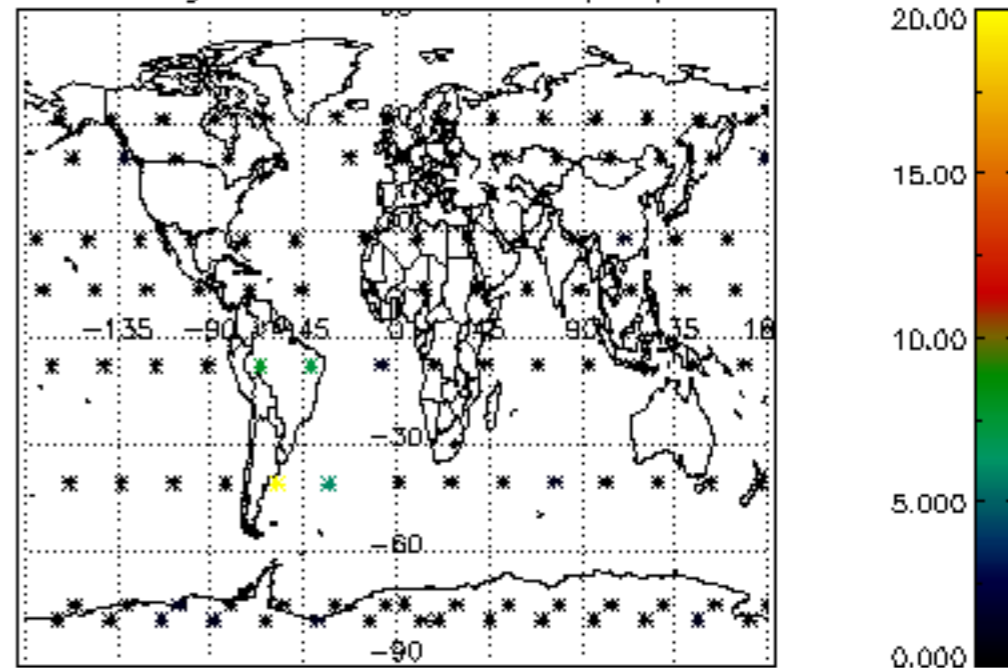
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

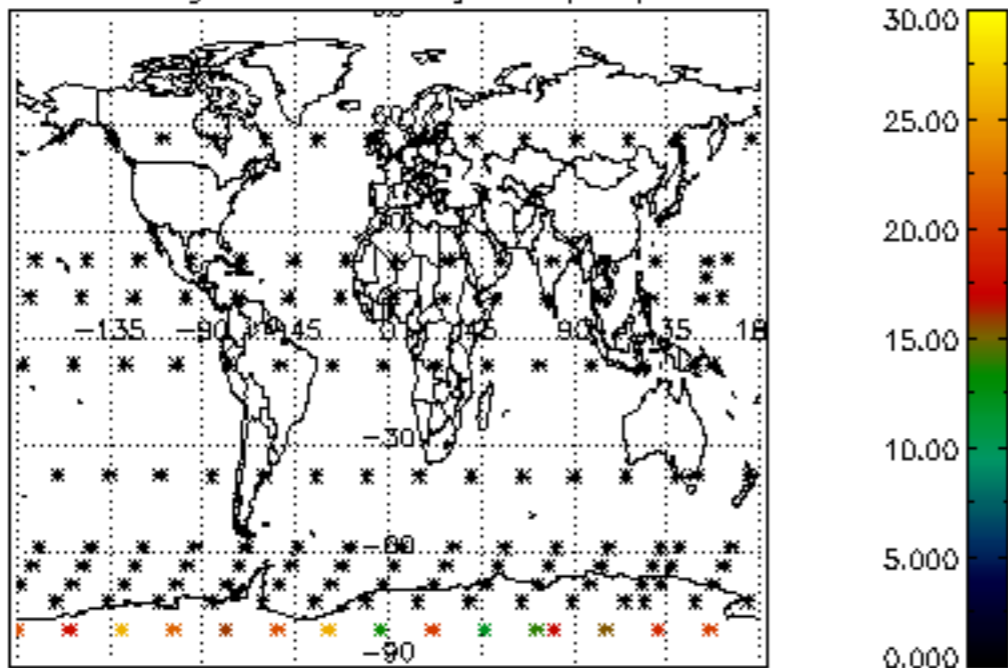


Percentage of saturation errors per profile

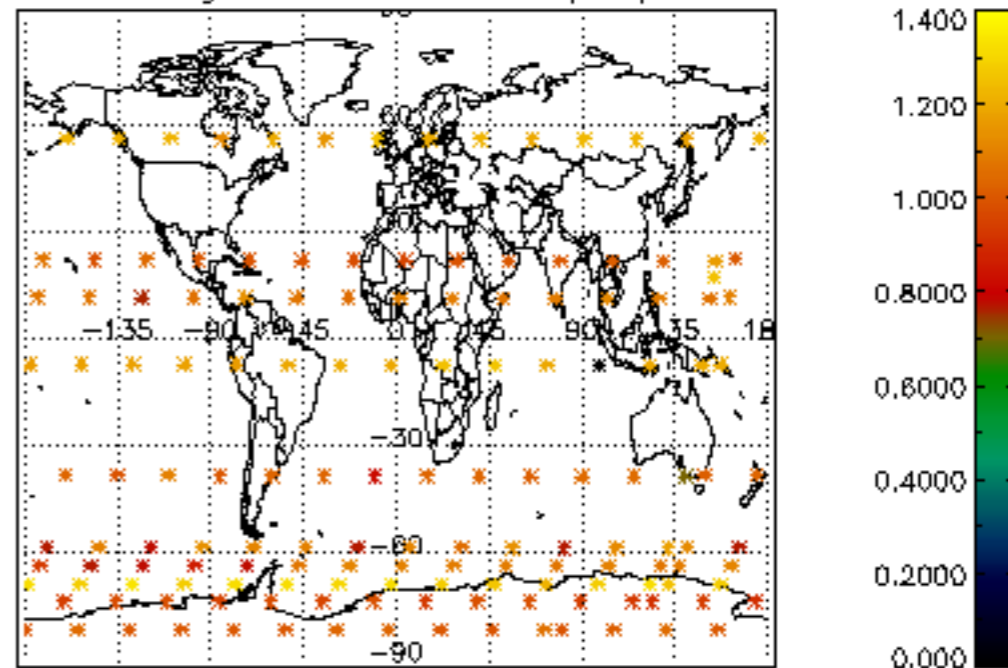




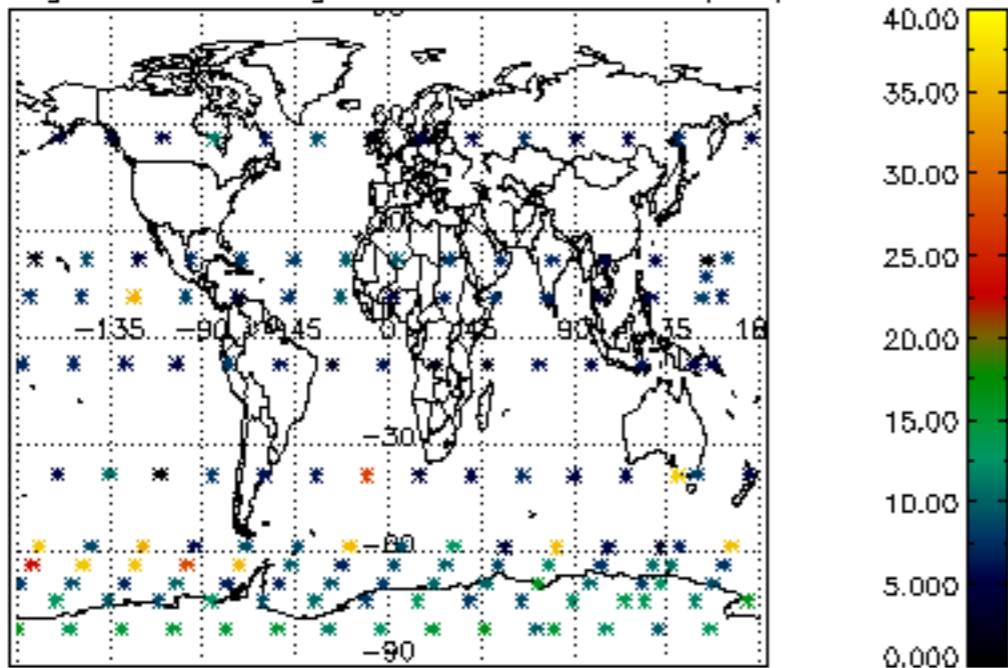
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

