

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	23APR2013 22:43:22
Data source version	GOMOS/6.01
Start time of products	30-05-2006 (30MAY2006 00:00:00)
Stop time of products	31-05-2006 (31MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
Nb of prods with errors	1

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__2PRFIN20060530_052237_000000472048_00105_22203_0353.N1	30-MAY-2006 05:22:37	Dark	46.500	89	5Alp Cep	2.4510	8000.0	93	22203	Yes
2	GOM_NL__2PRFIN20060530_052723_000000402048_00105_22203_0354.N1	30-MAY-2006 05:27:23	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	22203	No
3	GOM_NL__2PRFIN20060530_053502_000000422048_00105_22203_0355.N1	30-MAY-2006 05:35:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22203	No
4	GOM_NL__2PRFIN20060530_053741_000000532048_00105_22203_0356.N1	30-MAY-2006 05:37:41	Twilight	52.500	58	21Alp And	2.0730	11000.	105	22203	No
5	GOM_NL__2PRFIN20060530_054230_000000492048_00105_22203_0357.N1	30-MAY-2006 05:42:30	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22203	No
6	GOM_NL__2PRFIN20060530_055126_000000462048_00105_22203_0358.N1	30-MAY-2006 05:51:26	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22203	No
7	GOM_NL__2PRFIN20060530_055951_000000532048_00105_22203_0359.N1	30-MAY-2006 05:59:51	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22203	No
8	GOM_NL__2PRFIN20060530_060321_000000602048_00106_22204_0353.N1	30-MAY-2006 06:03:21	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	22204	No
9	GOM_NL__2PRFIN20060530_060511_000000462048_00106_22204_0354.N1	30-MAY-2006 06:05:11	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22204	No
10	GOM_NL__2PRFIN20060530_061016_000000442048_00106_22204_0355.N1	30-MAY-2006 06:10:16	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	22204	No
11	GOM_NL__2PRFIN20060530_061931_000000482048_00106_22204_0356.N1	30-MAY-2006 06:19:31	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22204	No
12	GOM_NL__2PRFIN20060530_062119_000000502048_00106_22204_0357.N1	30-MAY-2006 06:21:19	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	22204	No
13	GOM_NL__2PRFIN20060530_062309_000000452048_00106_22204_0358.N1	30-MAY-2006 06:23:09	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22204	No
14	GOM_NL__2PRFIN20060530_062513_000000432048_00106_22204_0359.N1	30-MAY-2006 06:25:13	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22204	No
15	GOM_NL__2PRFIN20060530_062855_000000472048_00106_22204_0360.N1	30-MAY-2006 06:28:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22204	No
16	GOM_NL__2PRFIN20060530_063049_000000432048_00106_22204_0361.N1	30-MAY-2006 06:30:49	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22204	No
17	GOM_NL__2PRFIN20060530_063302_000000412048_00106_22204_0362.N1	30-MAY-2006 06:33:02	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22204	No
18	GOM_NL__2PRFIN20060530_063603_000000382048_00106_22204_0363.N1	30-MAY-2006 06:36:03	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22204	No
19	GOM_NL__2PRFIN20060530_064200_000000382048_00106_22204_0364.N1	30-MAY-2006 06:42:00	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	22204	No
20	GOM_NL__2PRFIN20060530_064450_000000452048_00106_22204_0365.N1	30-MAY-2006 06:44:50	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	22204	No
21	GOM_NL__2PRFIN20060530_065240_000000392048_00106_22204_0366.N1	30-MAY-2006 06:52:40	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22204	No
22	GOM_NL__2PRFIN20060530_070312_000000472048_00106_22204_0367.N1	30-MAY-2006 07:03:12	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22204	No
23	GOM_NL__2PRFIN20060530_070759_000000512048_00106_22204_0368.N1	30-MAY-2006 07:07:59	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	22204	No
24	GOM_NL__2PRFIN20060530_071538_000000422048_00106_22204_0369.N1	30-MAY-2006 07:15:38	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22204	No
25	GOM_NL__2PRFIN20060530_071818_000000522048_00106_22204_0370.N1	30-MAY-2006 07:18:18	Twilight	51.500	58	21Alp And	2.0730	11000.	103	22204	No
26	GOM_NL__2PRFIN20060530_072306_000000492048_00106_22204_0371.N1	30-MAY-2006 07:23:06	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	22204	No
27	GOM_NL__2PRFIN20060530_073203_000000482048_00106_22204_0372.N1	30-MAY-2006 07:32:03	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	22204	No
28	GOM_NL__2PRFIN20060530_074028_000000542048_00106_22204_0373.N1	30-MAY-2006 07:40:28	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	22204	No
29	GOM_NL__2PRFIN20060530_074357_000000612048_00107_22205_0353.N1	30-MAY-2006 07:43:57	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	22205	No
30	GOM_NL__2PRFIN20060530_074547_000000462048_00107_22205_0354.N1	30-MAY-2006 07:45:47	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22205	No
31	GOM_NL__2PRFIN20060530_075052_000000442048_00107_22205_0355.N1	30-MAY-2006 07:50:52	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	22205	No
32	GOM_NL__2PRFIN20060530_080007_000000452048_00107_22205_0356.N1	30-MAY-2006 08:00:07	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22205	No
33	GOM_NL__2PRFIN20060530_080156_000000502048_00107_22205_0357.N1	30-MAY-2006 08:01:56	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	22205	No
34	GOM_NL__2PRFIN20060530_080345_000000462048_00107_22205_0358.N1	30-MAY-2006 08:03:45	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22205	No
35	GOM_NL__2PRFIN20060530_080549_000000402048_00107_22205_0359.N1	30-MAY-2006 08:05:49	Bright	40.000	136	23Tau Sco	2.8220	30000.	80	22205	No
36	GOM_NL__2PRFIN20060530_080931_000000472048_00107_22205_0360.N1	30-MAY-2006 08:09:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22205	No
37	GOM_NL__2PRFIN20060530_081125_000000412048_00107_22205_0361.N1	30-MAY-2006 08:11:25	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22205	No
38	GOM_NL__2PRFIN20060530_081337_000000402048_00107_22205_0362.N1	30-MAY-2006 08:13:37	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22205	No
39	GOM_NL__2PRFIN20060530_081639_000000372048_00107_22205_0363.N1	30-MAY-2006 08:16:39	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22205	No
40	GOM_NL__2PRFIN20060530_082236_000000372048_00107_22205_0364.N1	30-MAY-2006 08:22:36	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22205	No
41	GOM_NL__2PRFIN20060530_082526_000000652048_00107_22205_0365.N1	30-MAY-2006 08:25:26	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	22205	No
42	GOM_NL__2PRFIN20060530_083316_000000382048_00107_22205_0366.N1	30-MAY-2006 08:33:16	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	22205	No

43	GOM_NL__2PRFIN20060530_084347_000000612048_00107_22205_0367.N1	30-MAY-2006 08:43:47	Bright	60.500	89	5Alp Cep	2.4510	8000.0	121	22205	No
44	GOM_NL__2PRFIN20060530_084834_000000382048_00107_22205_0368.N1	30-MAY-2006 08:48:34	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22205	No
45	GOM_NL__2PRFIN20060530_085614_000000412048_00107_22205_0369.N1	30-MAY-2006 08:56:14	Bright	40.500	53	43Bet And	2.0480	3300.0	81	22205	No
46	GOM_NL__2PRFIN20060530_085854_000000522048_00107_22205_0370.N1	30-MAY-2006 08:58:54	Twilight	51.500	58	21Alp And	2.0730	11000.	103	22205	No
47	GOM_NL__2PRFIN20060530_090343_000000512048_00107_22205_0371.N1	30-MAY-2006 09:03:43	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	22205	No
48	GOM_NL__2PRFIN20060530_091239_000000462048_00107_22205_0372.N1	30-MAY-2006 09:12:39	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	22205	No
49	GOM_NL__2PRFIN20060530_092105_000000612048_00107_22205_0373.N1	30-MAY-2006 09:21:05	Dark	60.500	18	24Alp PsA	1.1660	9700.0	121	22205	No
50	GOM_NL__2PRFIN20060530_092434_000000622048_00108_22206_0353.N1	30-MAY-2006 09:24:34	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	22206	No
51	GOM_NL__2PRFIN20060530_092624_000000462048_00108_22206_0354.N1	30-MAY-2006 09:26:24	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22206	No
52	GOM_NL__2PRFIN20060530_093129_000000422048_00108_22206_0355.N1	30-MAY-2006 09:31:29	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22206	No
53	GOM_NL__2PRFIN20060530_094043_000000482048_00108_22206_0356.N1	30-MAY-2006 09:40:43	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22206	No
54	GOM_NL__2PRFIN20060530_094232_000000492048_00108_22206_0357.N1	30-MAY-2006 09:42:32	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	22206	No
55	GOM_NL__2PRFIN20060530_094421_000000452048_00108_22206_0358.N1	30-MAY-2006 09:44:21	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22206	No
56	GOM_NL__2PRFIN20060530_094625_000000402048_00108_22206_0359.N1	30-MAY-2006 09:46:25	Bright	40.000	136	23Tau Sco	2.8220	30000.	80	22206	No
57	GOM_NL__2PRFIN20060530_095007_000000462048_00108_22206_0360.N1	30-MAY-2006 09:50:07	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	22206	No
58	GOM_NL__2PRFIN20060530_095201_000000422048_00108_22206_0361.N1	30-MAY-2006 09:52:01	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	22206	No
59	GOM_NL__2PRFIN20060530_095413_000000402048_00108_22206_0362.N1	30-MAY-2006 09:54:13	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22206	No
60	GOM_NL__2PRFIN20060530_095715_000000442048_00108_22206_0363.N1	30-MAY-2006 09:57:15	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	22206	No
61	GOM_NL__2PRFIN20060530_100311_000000382048_00108_22206_0364.N1	30-MAY-2006 10:03:11	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22206	No
62	GOM_NL__2PRFIN20060530_100601_000000452048_00108_22206_0365.N1	30-MAY-2006 10:06:01	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22206	No
63	GOM_NL__2PRFIN20060530_101351_000000392048_00108_22206_0366.N1	30-MAY-2006 10:13:51	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22206	No
64	GOM_NL__2PRFIN20060530_102422_000000472048_00108_22206_0367.N1	30-MAY-2006 10:24:22	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22206	No
65	GOM_NL__2PRFIN20060530_102910_000000552048_00108_22206_0368.N1	30-MAY-2006 10:29:10	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22206	No
66	GOM_NL__2PRFIN20060530_103650_000000422048_00108_22206_0369.N1	30-MAY-2006 10:36:50	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22206	No
67	GOM_NL__2PRFIN20060530_103930_000000522048_00108_22206_0370.N1	30-MAY-2006 10:39:30	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22206	No
68	GOM_NL__2PRFIN20060530_104419_000000512048_00108_22206_0371.N1	30-MAY-2006 10:44:19	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	22206	No
69	GOM_NL__2PRFIN20060530_105316_000000432048_00108_22206_0372.N1	30-MAY-2006 10:53:16	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	22206	No
70	GOM_NL__2PRFIN20060530_110142_000000552048_00108_22206_0373.N1	30-MAY-2006 11:01:42	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	22206	No
71	GOM_NL__2PRFIN20060530_110511_000000522048_00109_22207_0353.N1	30-MAY-2006 11:05:11	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	22207	No
72	GOM_NL__2PRFIN20060530_110701_000000472048_00109_22207_0354.N1	30-MAY-2006 11:07:01	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22207	No
73	GOM_NL__2PRFIN20060530_111206_000000432048_00109_22207_0355.N1	30-MAY-2006 11:12:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22207	No
74	GOM_NL__2PRFIN20060530_112120_000000462048_00109_22207_0356.N1	30-MAY-2006 11:21:20	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22207	No
75	GOM_NL__2PRFIN20060530_112308_000000452048_00109_22207_0357.N1	30-MAY-2006 11:23:08	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22207	No
76	GOM_NL__2PRFIN20060530_112458_000000462048_00109_22207_0358.N1	30-MAY-2006 11:24:58	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	22207	No
77	GOM_NL__2PRFIN20060530_112701_000000542048_00109_22207_0359.N1	30-MAY-2006 11:27:01	Bright	53.500	136	23Tau Sco	2.8220	30000.	107	22207	No
78	GOM_NL__2PRFIN20060530_113043_000000462048_00109_22207_0360.N1	30-MAY-2006 11:30:43	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	22207	No
79	GOM_NL__2PRFIN20060530_113237_000000432048_00109_22207_0361.N1	30-MAY-2006 11:32:37	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22207	No
80	GOM_NL__2PRFIN20060530_113449_000000412048_00109_22207_0362.N1	30-MAY-2006 11:34:49	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22207	No
81	GOM_NL__2PRFIN20060530_113750_000000372048_00109_22207_0363.N1	30-MAY-2006 11:37:50	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22207	No
82	GOM_NL__2PRFIN20060530_114347_000000362048_00109_22207_0364.N1	30-MAY-2006 11:43:47	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	22207	No
83	GOM_NL__2PRFIN20060530_114636_000000422048_00109_22207_0365.N1	30-MAY-2006 11:46:36	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	22207	No
84	GOM_NL__2PRFIN20060530_115427_000000402048_00109_22207_0366.N1	30-MAY-2006 11:54:27	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22207	No
85	GOM_NL__2PRFIN20060530_120458_000000462048_00109_22207_0367.N1	30-MAY-2006 12:04:58	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22207	No
86	GOM_NL__2PRFIN20060530_120946_000000342048_00109_22207_0368.N1	30-MAY-2006 12:09:46	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	22207	No
87	GOM_NL__2PRFIN20060530_121726_000000432048_00109_22207_0369.N1	30-MAY-2006 12:17:26	Bright	42.500	53	43Bet And	2.0480	3300.0	85	22207	No
88	GOM_NL__2PRFIN20060530_122006_000000522048_00109_22207_0370.N1	30-MAY-2006 12:20:06	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22207	No
89	GOM_NL__2PRFIN20060530_122455_000000502048_00109_22207_0371.N1	30-MAY-2006 12:24:55	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	22207	No
90	GOM_NL__2PRFIN20060530_123352_000000472048_00109_22207_0372.N1	30-MAY-2006 12:33:52	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	22207	No
91	GOM_NL__2PRFIN20060530_124219_000000642048_00109_22207_0373.N1	30-MAY-2006 12:42:19	Dark	63.500	18	24Alp PsA	1.1660	9700.0	127	22207	No
92	GOM_NL__2PRFIN20060530_124547_000000562048_00110_22208_0353.N1	30-MAY-2006 12:45:47	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	22208	No
93	GOM_NL__2PRFIN20060530_124738_000000452048_00110_22208_0354.N1	30-MAY-2006 12:47:38	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22208	No
94	GOM_NL__2PRFIN20060530_125242_000000422048_00110_22208_0355.N1	30-MAY-2006 12:52:42	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22208	No
95	GOM_NL__2PRFIN20060530_130156_000000482048_00110_22208_0356.N1	30-MAY-2006 13:01:56	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22208	No
96	GOM_NL__2PRFIN20060530_130345_000000492048_00110_22208_0357.N1	30-MAY-2006 13:03:45	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	22208	No
97	GOM_NL__2PRFIN20060530_130534_000000482048_00110_22208_0358.N1	30-MAY-2006 13:05:34	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	22208	No
98	GOM_NL__2PRFIN20060530_130738_000000442048_00110_22208_0359.N1	30-MAY-2006 13:07:38	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	22208	No
99	GOM_NL__2PRFIN20060530_131119_000000482048_00110_22208_0360.N1	30-MAY-2006 13:11:19	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	22208	No
100	GOM_NL__2PRFIN20060530_131313_000000412048_00110_22208_0361.N1	30-MAY-2006 13:13:13	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22208	No
101	GOM_NL__2PRFIN20060530_131525_000000402048_00110_22208_0362.N1	30-MAY-2006 13:15:25	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22208	No

102	GOM_NL__2PRFIN20060530_131826_000000372048_00110_22208_0363.N1	30-MAY-2006 13:18:26	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22208	No
103	GOM_NL__2PRFIN20060530_132423_000000372048_00110_22208_0364.N1	30-MAY-2006 13:24:23	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22208	No
104	GOM_NL__2PRFIN20060530_132712_000000452048_00110_22208_0365.N1	30-MAY-2006 13:27:12	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22208	No
105	GOM_NL__2PRFIN20060530_133502_000000382048_00110_22208_0366.N1	30-MAY-2006 13:35:02	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	22208	No
106	GOM_NL__2PRFIN20060530_134533_000000442048_00110_22208_0367.N1	30-MAY-2006 13:45:33	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	22208	No
107	GOM_NL__2PRFIN20060530_135022_000000552048_00110_22208_0368.N1	30-MAY-2006 13:50:22	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22208	No
108	GOM_NL__2PRFIN20060530_135802_000000412048_00110_22208_0369.N1	30-MAY-2006 13:58:02	Bright	41.000	53	43Bet And	2.0480	3300.0	82	22208	No
109	GOM_NL__2PRFIN20060530_140042_000000512048_00110_22208_0370.N1	30-MAY-2006 14:00:42	Twilight	51.000	58	21Alp And	2.0730	11000.	102	22208	No
110	GOM_NL__2PRFIN20060530_140532_000000502048_00110_22208_0371.N1	30-MAY-2006 14:05:32	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	22208	No
111	GOM_NL__2PRFIN20060530_141429_000000442048_00110_22208_0372.N1	30-MAY-2006 14:14:29	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	22208	No
112	GOM_NL__2PRFIN20060530_142256_000000522048_00110_22208_0373.N1	30-MAY-2006 14:22:56	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	22208	No
113	GOM_NL__2PRFIN20060530_142624_000000602048_00111_22209_0353.N1	30-MAY-2006 14:26:24	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	22209	No
114	GOM_NL__2PRFIN20060530_142815_000000462048_00111_22209_0354.N1	30-MAY-2006 14:28:15	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22209	No
115	GOM_NL__2PRFIN20060530_143319_000000462048_00111_22209_0355.N1	30-MAY-2006 14:33:19	Straylight	46.000	45	Alp Pav	1.9400	26000.	92	22209	No
116	GOM_NL__2PRFIN20060530_144232_000000462048_00111_22209_0356.N1	30-MAY-2006 14:42:32	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22209	No
117	GOM_NL__2PRFIN20060530_144421_000000482048_00111_22209_0357.N1	30-MAY-2006 14:44:21	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	22209	No
118	GOM_NL__2PRFIN20060530_144610_000000472048_00111_22209_0358.N1	30-MAY-2006 14:46:10	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22209	No
119	GOM_NL__2PRFIN20060530_144814_000000422048_00111_22209_0359.N1	30-MAY-2006 14:48:14	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22209	No
120	GOM_NL__2PRFIN20060530_145155_000000472048_00111_22209_0360.N1	30-MAY-2006 14:51:55	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22209	No
121	GOM_NL__2PRFIN20060530_145349_000000412048_00111_22209_0361.N1	30-MAY-2006 14:53:49	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	22209	No
122	GOM_NL__2PRFIN20060530_145601_000000392048_00111_22209_0362.N1	30-MAY-2006 14:56:01	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22209	No
123	GOM_NL__2PRFIN20060530_145902_000000382048_00111_22209_0363.N1	30-MAY-2006 14:59:02	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22209	No
124	GOM_NL__2PRFIN20060530_150459_000000352048_00111_22209_0364.N1	30-MAY-2006 15:04:59	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	22209	No
125	GOM_NL__2PRFIN20060530_150747_000000432048_00111_22209_0365.N1	30-MAY-2006 15:07:47	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22209	No
126	GOM_NL__2PRFIN20060530_151538_000000402048_00111_22209_0366.N1	30-MAY-2006 15:15:38	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22209	No
127	GOM_NL__2PRFIN20060530_152609_000000452048_00111_22209_0367.N1	30-MAY-2006 15:26:09	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	22209	No
128	GOM_NL__2PRFIN20060530_153058_000000432048_00111_22209_0368.N1	30-MAY-2006 15:30:58	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	22209	No
129	GOM_NL__2PRFIN20060530_153838_000000422048_00111_22209_0369.N1	30-MAY-2006 15:38:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22209	No
130	GOM_NL__2PRFIN20060530_154118_000000532048_00111_22209_0370.N1	30-MAY-2006 15:41:18	Twilight	52.500	58	21Alp And	2.0730	11000.	105	22209	No
131	GOM_NL__2PRFIN20060530_154608_000000512048_00111_22209_0371.N1	30-MAY-2006 15:46:08	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	22209	No
132	GOM_NL__2PRFIN20060530_155506_000000482048_00111_22209_0372.N1	30-MAY-2006 15:55:06	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	22209	No
133	GOM_NL__2PRFIN20060530_160333_000000572048_00111_22209_0373.N1	30-MAY-2006 16:03:33	Dark	57.000	18	24Alp PsA	1.1660	9700.0	114	22209	No
134	GOM_NL__2PRFIN20060530_160701_000000482048_00112_22210_0373.N1	30-MAY-2006 16:07:01	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22210	No
135	GOM_NL__2PRFIN20060530_160852_000000452048_00112_22210_0374.N1	30-MAY-2006 16:08:52	Dark	44.500	31	Alp Gru	1.7340	15200.	89	22210	No
136	GOM_NL__2PRFIN20060530_161356_000000422048_00112_22210_0375.N1	30-MAY-2006 16:13:56	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22210	No
137	GOM_NL__2PRFIN20060530_162309_000000442048_00112_22210_0376.N1	30-MAY-2006 16:23:09	Straylight	43.500	40	The Sco	1.8590	7100.0	87	22210	No
138	GOM_NL__2PRFIN20060530_162457_000000462048_00112_22210_0377.N1	30-MAY-2006 16:24:57	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	22210	No
139	GOM_NL__2PRFIN20060530_162646_000000462048_00112_22210_0378.N1	30-MAY-2006 16:26:46	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	22210	No
140	GOM_NL__2PRFIN20060530_162850_000000432048_00112_22210_0379.N1	30-MAY-2006 16:28:50	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22210	No
141	GOM_NL__2PRFIN20060530_163231_000000472048_00112_22210_0380.N1	30-MAY-2006 16:32:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22210	No
142	GOM_NL__2PRFIN20060530_163424_000000422048_00112_22210_0381.N1	30-MAY-2006 16:34:24	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	22210	No
143	GOM_NL__2PRFIN20060530_163637_000000402048_00112_22210_0382.N1	30-MAY-2006 16:36:37	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22210	No
144	GOM_NL__2PRFIN20060530_163938_000000372048_00112_22210_0383.N1	30-MAY-2006 16:39:38	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	22210	No
145	GOM_NL__2PRFIN20060530_164535_000000372048_00112_22210_0384.N1	30-MAY-2006 16:45:35	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22210	No
146	GOM_NL__2PRFIN20060530_164822_000000432048_00112_22210_0385.N1	30-MAY-2006 16:48:22	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22210	No
147	GOM_NL__2PRFIN20060530_165614_000000392048_00112_22210_0386.N1	30-MAY-2006 16:56:14	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22210	No
148	GOM_NL__2PRFIN20060530_170644_000000472048_00112_22210_0387.N1	30-MAY-2006 17:06:44	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22210	No
149	GOM_NL__2PRFIN20060530_171134_000000442048_00112_22210_0388.N1	30-MAY-2006 17:11:34	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	22210	No
150	GOM_NL__2PRFIN20060530_171914_000000512048_00112_22210_0389.N1	30-MAY-2006 17:19:14	Bright	51.000	53	43Bet And	2.0480	3300.0	102	22210	No
151	GOM_NL__2PRFIN20060530_172154_000000542048_00112_22210_0390.N1	30-MAY-2006 17:21:54	Twilight	53.500	58	21Alp And	2.0730	11000.	107	22210	No
152	GOM_NL__2PRFIN20060530_172645_000000492048_00112_22210_0391.N1	30-MAY-2006 17:26:45	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	22210	No
153	GOM_NL__2PRFIN20060530_173542_000000472048_00112_22210_0392.N1	30-MAY-2006 17:35:42	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22210	No
154	GOM_NL__2PRFIN20060530_174411_000000652048_00112_22210_0393.N1	30-MAY-2006 17:44:11	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	22210	No
155	GOM_NL__2PRFIN20060530_174738_000000612048_00113_22211_0373.N1	30-MAY-2006 17:47:38	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22211	No
156	GOM_NL__2PRFIN20060530_174928_000000562048_00113_22211_0374.N1	30-MAY-2006 17:49:28	Dark	55.500	31	Alp Gru	1.7340	15200.	111	22211	No
157	GOM_NL__2PRFIN20060530_175432_000000422048_00113_22211_0375.N1	30-MAY-2006 17:54:32	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22211	No
158	GOM_NL__2PRFIN20060530_180345_000000502048_00113_22211_0376.N1	30-MAY-2006 18:03:45	Straylight	49.500	40	The Sco	1.8590	7100.0	99	22211	No
159	GOM_NL__2PRFIN20060530_180534_000000482048_00113_22211_0377.N1	30-MAY-2006 18:05:34	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	22211	No
160	GOM_NL__2PRFIN20060530_180723_000000452048_00113_22211_0378.N1	30-MAY-2006 18:07:23	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22211	No

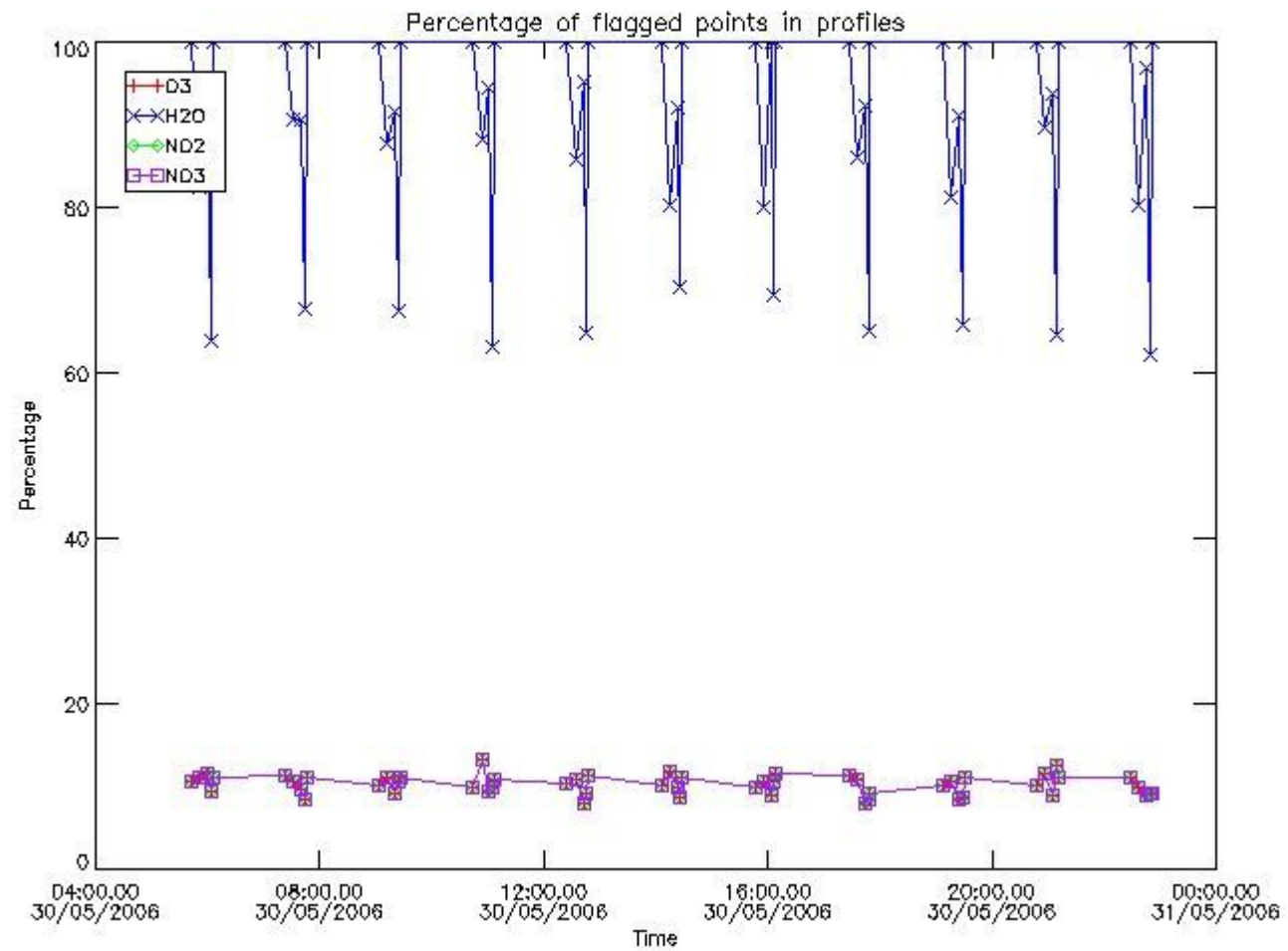
161	GOM_NL__2PRFIN20060530_180926_000000442048_00113_22211_0379.N1	30-MAY-2006 18:09:26	Bright	43.500	136	23Tau Sco	2.8220	30000.	87	22211	No
162	GOM_NL__2PRFIN20060530_181307_000000472048_00113_22211_0380.N1	30-MAY-2006 18:13:07	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22211	No
163	GOM_NL__2PRFIN20060530_181500_000000402048_00113_22211_0381.N1	30-MAY-2006 18:15:00	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22211	No
164	GOM_NL__2PRFIN20060530_181713_000000402048_00113_22211_0382.N1	30-MAY-2006 18:17:13	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22211	No
165	GOM_NL__2PRFIN20060530_182014_000000372048_00113_22211_0383.N1	30-MAY-2006 18:20:14	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22211	No
166	GOM_NL__2PRFIN20060530_182610_000000392048_00113_22211_0384.N1	30-MAY-2006 18:26:10	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	22211	No
167	GOM_NL__2PRFIN20060530_182858_000000432048_00113_22211_0385.N1	30-MAY-2006 18:28:58	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22211	No
168	GOM_NL__2PRFIN20060530_183649_000000562048_00113_22211_0386.N1	30-MAY-2006 18:36:49	Bright	56.000	119	14Eta Dra	2.7270	4700.0	112	22211	No
169	GOM_NL__2PRFIN20060530_184719_000000452048_00113_22211_0387.N1	30-MAY-2006 18:47:19	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22211	No
170	GOM_NL__2PRFIN20060530_185210_000000552048_00113_22211_0388.N1	30-MAY-2006 18:52:10	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22211	No
171	GOM_NL__2PRFIN20060530_185951_000000442048_00113_22211_0389.N1	30-MAY-2006 18:59:51	Bright	43.500	53	43Bet And	2.0480	3300.0	87	22211	No
172	GOM_NL__2PRFIN20060530_190230_000000512048_00113_22211_0390.N1	30-MAY-2006 19:02:30	Twilight	50.500	58	21Alp And	2.0730	11000.	101	22211	No
173	GOM_NL__2PRFIN20060530_190721_000000512048_00113_22211_0391.N1	30-MAY-2006 19:07:21	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	22211	No
174	GOM_NL__2PRFIN20060530_191618_000000492048_00113_22211_0392.N1	30-MAY-2006 19:16:18	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22211	No
175	GOM_NL__2PRFIN20060530_192448_000000672048_00113_22211_0393.N1	30-MAY-2006 19:24:48	Dark	67.000	18	24Alp PsA	1.1660	9700.0	134	22211	No
176	GOM_NL__2PRFIN20060530_192815_000000592048_00114_22212_0373.N1	30-MAY-2006 19:28:15	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	22212	No
177	GOM_NL__2PRFIN20060530_193005_000000462048_00114_22212_0374.N1	30-MAY-2006 19:30:05	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22212	No
178	GOM_NL__2PRFIN20060530_193509_000000422048_00114_22212_0375.N1	30-MAY-2006 19:35:09	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22212	No
179	GOM_NL__2PRFIN20060530_194422_000000462048_00114_22212_0376.N1	30-MAY-2006 19:44:22	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22212	No
180	GOM_NL__2PRFIN20060530_194610_000000492048_00114_22212_0377.N1	30-MAY-2006 19:46:10	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	22212	No
181	GOM_NL__2PRFIN20060530_194759_000000452048_00114_22212_0378.N1	30-MAY-2006 19:47:59	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22212	No
182	GOM_NL__2PRFIN20060530_195002_000000422048_00114_22212_0379.N1	30-MAY-2006 19:50:02	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22212	No
183	GOM_NL__2PRFIN20060530_195343_000000472048_00114_22212_0380.N1	30-MAY-2006 19:53:43	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22212	No
184	GOM_NL__2PRFIN20060530_195536_000000432048_00114_22212_0381.N1	30-MAY-2006 19:55:36	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22212	No
185	GOM_NL__2PRFIN20060530_195749_000000402048_00114_22212_0382.N1	30-MAY-2006 19:57:49	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22212	No
186	GOM_NL__2PRFIN20060530_200050_000000372048_00114_22212_0383.N1	30-MAY-2006 20:00:50	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22212	No
187	GOM_NL__2PRFIN20060530_200646_000000382048_00114_22212_0384.N1	30-MAY-2006 20:06:46	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	22212	No
188	GOM_NL__2PRFIN20060530_200933_000000422048_00114_22212_0385.N1	30-MAY-2006 20:09:33	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	22212	No
189	GOM_NL__2PRFIN20060530_201725_000000392048_00114_22212_0386.N1	30-MAY-2006 20:17:25	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22212	No
190	GOM_NL__2PRFIN20060530_202755_000000482048_00114_22212_0387.N1	30-MAY-2006 20:27:55	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	22212	No
191	GOM_NL__2PRFIN20060530_203246_000000352048_00114_22212_0388.N1	30-MAY-2006 20:32:46	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22212	No
192	GOM_NL__2PRFIN20060530_204027_000000432048_00114_22212_0389.N1	30-MAY-2006 20:40:27	Bright	42.500	53	43Bet And	2.0480	3300.0	85	22212	No
193	GOM_NL__2PRFIN20060530_204306_000000532048_00114_22212_0390.N1	30-MAY-2006 20:43:06	Twilight	53.000	58	21Alp And	2.0730	11000.	106	22212	No
194	GOM_NL__2PRFIN20060530_204757_000000502048_00114_22212_0391.N1	30-MAY-2006 20:47:57	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	22212	No
195	GOM_NL__2PRFIN20060530_205655_000000442048_00114_22212_0392.N1	30-MAY-2006 20:56:55	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	22212	No
196	GOM_NL__2PRFIN20060530_210525_000000642048_00114_22212_0393.N1	30-MAY-2006 21:05:25	Dark	63.500	18	24Alp PsA	1.1660	9700.0	127	22212	No
197	GOM_NL__2PRFIN20060530_210851_000000572048_00115_22213_0373.N1	30-MAY-2006 21:08:51	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	22213	No
198	GOM_NL__2PRFIN20060530_211042_000000462048_00115_22213_0374.N1	30-MAY-2006 21:10:42	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22213	No
199	GOM_NL__2PRFIN20060530_211545_000000422048_00115_22213_0375.N1	30-MAY-2006 21:15:45	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22213	No
200	GOM_NL__2PRFIN20060530_212458_000000472048_00115_22213_0376.N1	30-MAY-2006 21:24:58	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22213	No
201	GOM_NL__2PRFIN20060530_212646_000000492048_00115_22213_0377.N1	30-MAY-2006 21:26:46	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	22213	No
202	GOM_NL__2PRFIN20060530_212835_000000472048_00115_22213_0378.N1	30-MAY-2006 21:28:35	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	22213	No
203	GOM_NL__2PRFIN20060530_213038_000000432048_00115_22213_0379.N1	30-MAY-2006 21:30:38	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22213	No
204	GOM_NL__2PRFIN20060530_213419_000000472048_00115_22213_0380.N1	30-MAY-2006 21:34:19	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22213	No
205	GOM_NL__2PRFIN20060530_213612_000000412048_00115_22213_0381.N1	30-MAY-2006 21:36:12	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	22213	No
206	GOM_NL__2PRFIN20060530_213825_000000402048_00115_22213_0382.N1	30-MAY-2006 21:38:25	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22213	No
207	GOM_NL__2PRFIN20060530_214126_000000372048_00115_22213_0383.N1	30-MAY-2006 21:41:26	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22213	No
208	GOM_NL__2PRFIN20060530_214722_000000392048_00115_22213_0384.N1	30-MAY-2006 21:47:22	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	22213	No
209	GOM_NL__2PRFIN20060530_215009_000000442048_00115_22213_0385.N1	30-MAY-2006 21:50:09	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	22213	No
210	GOM_NL__2PRFIN20060530_215801_000000362048_00115_22213_0386.N1	30-MAY-2006 21:58:01	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22213	No
211	GOM_NL__2PRFIN20060530_220830_000000462048_00115_22213_0387.N1	30-MAY-2006 22:08:30	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22213	No
212	GOM_NL__2PRFIN20060530_221321_000000552048_00115_22213_0388.N1	30-MAY-2006 22:13:21	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22213	No
213	GOM_NL__2PRFIN20060530_222102_000000422048_00115_22213_0389.N1	30-MAY-2006 22:21:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22213	No
214	GOM_NL__2PRFIN20060530_222343_000000522048_00115_22213_0390.N1	30-MAY-2006 22:23:43	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22213	No
215	GOM_NL__2PRFIN20060530_222834_000000512048_00115_22213_0391.N1	30-MAY-2006 22:28:34	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	22213	No
216	GOM_NL__2PRFIN20060530_223731_000000512048_00115_22213_0392.N1	30-MAY-2006 22:37:31	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	22213	No
217	GOM_NL__2PRFIN20060530_224602_000000642048_00115_22213_0393.N1	30-MAY-2006 22:46:02	Dark	63.500	18	24Alp PsA	1.1660	9700.0	127	22213	No
218	GOM_NL__2PRFIN20060530_224928_000000562048_00116_22214_0373.N1	30-MAY-2006 22:49:28	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	22214	No
219	GOM_NL__2PRFIN20060530_225119_000000562048_00116_22214_0374.N1	30-MAY-2006 22:51:19	Dark	55.500	31	Alp Gru	1.7340	15200.	111	22214	No

220	GOM_NL__2PRFIN20060530_225622_000000422048_00116_22214_0375.N1	30-MAY-2006 22:56:22	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22214	No
221	GOM_NL__2PRFIN20060530_230534_000000472048_00116_22214_0376.N1	30-MAY-2006 23:05:34	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22214	No
222	GOM_NL__2PRFIN20060530_230723_000000482048_00116_22214_0377.N1	30-MAY-2006 23:07:23	Twilight_stray	48.000	25	35Lam Sco	1.6200	28000.	96	22214	No
223	GOM_NL__2PRFIN20060530_230911_000000442048_00116_22214_0378.N1	30-MAY-2006 23:09:11	Twilight_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	22214	No
224	GOM_NL__2PRFIN20060530_231114_000000422048_00116_22214_0379.N1	30-MAY-2006 23:11:14	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22214	No
225	GOM_NL__2PRFIN20060530_231455_000000472048_00116_22214_0380.N1	30-MAY-2006 23:14:55	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22214	No
226	GOM_NL__2PRFIN20060530_231648_000000422048_00116_22214_0381.N1	30-MAY-2006 23:16:48	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	22214	No
227	GOM_NL__2PRFIN20060530_231900_000000402048_00116_22214_0382.N1	30-MAY-2006 23:19:00	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22214	No
228	GOM_NL__2PRFIN20060530_232201_000000462048_00116_22214_0383.N1	30-MAY-2006 23:22:01	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	22214	No
229	GOM_NL__2PRFIN20060530_232758_000000372048_00116_22214_0384.N1	30-MAY-2006 23:27:58	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	22214	No
230	GOM_NL__2PRFIN20060530_233044_000000422048_00116_22214_0385.N1	30-MAY-2006 23:30:44	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22214	No
231	GOM_NL__2PRFIN20060530_233836_000000392048_00116_22214_0386.N1	30-MAY-2006 23:38:36	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22214	No
232	GOM_NL__2PRFIN20060530_234905_000000692048_00116_22214_0387.N1	30-MAY-2006 23:49:05	Bright	69.000	89	5Alp Cep	2.4510	8000.0	138	22214	No
233	GOM_NL__2PRFIN20060530_235357_000000552048_00116_22214_0388.N1	30-MAY-2006 23:53:57	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22214	No

3. Quality information per product

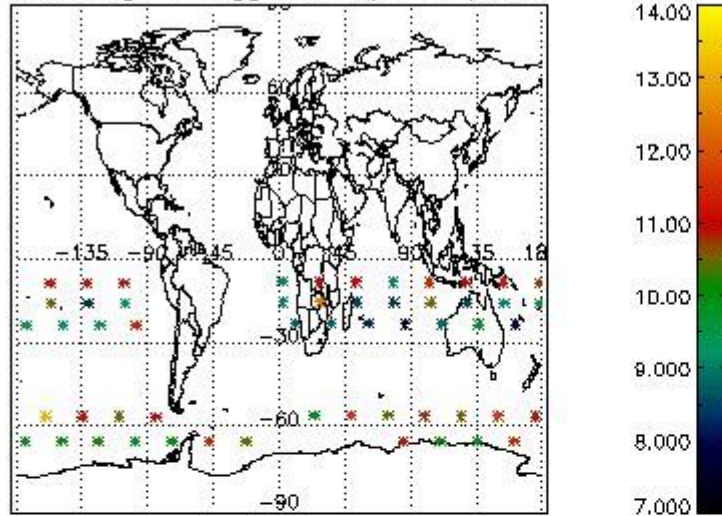
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

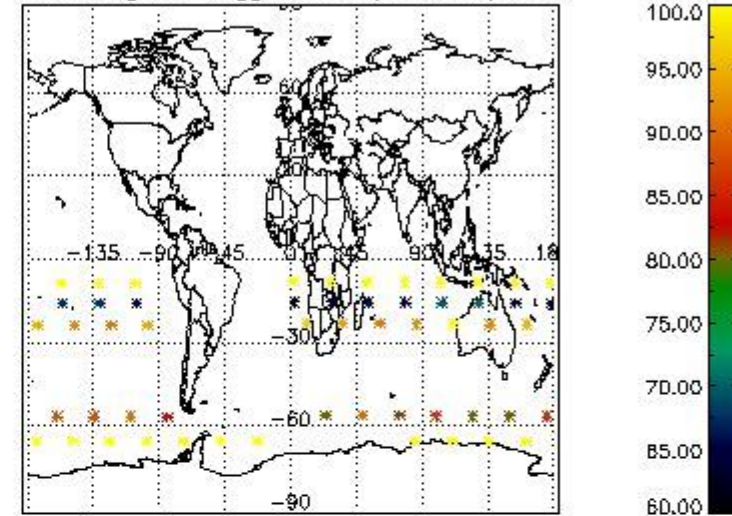


3.2 Plot quality information per product (world map)

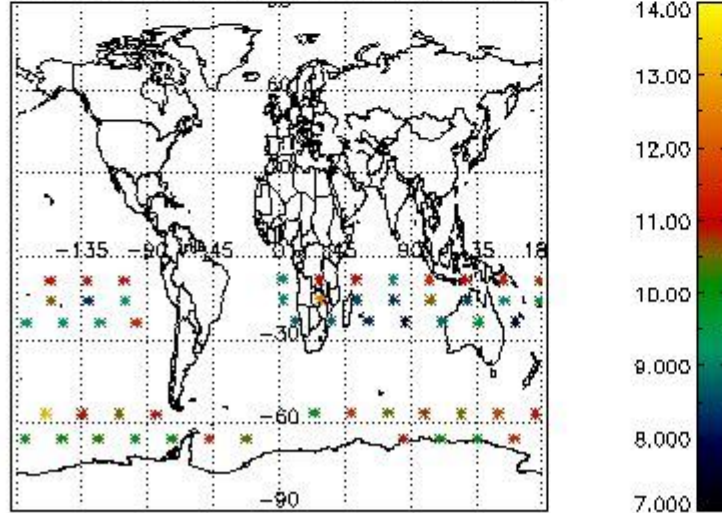
Percentage of flagged data per O3 profile



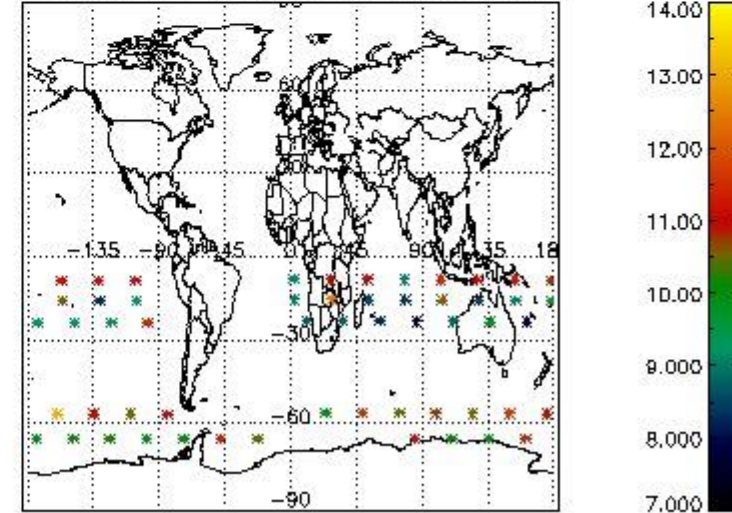
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

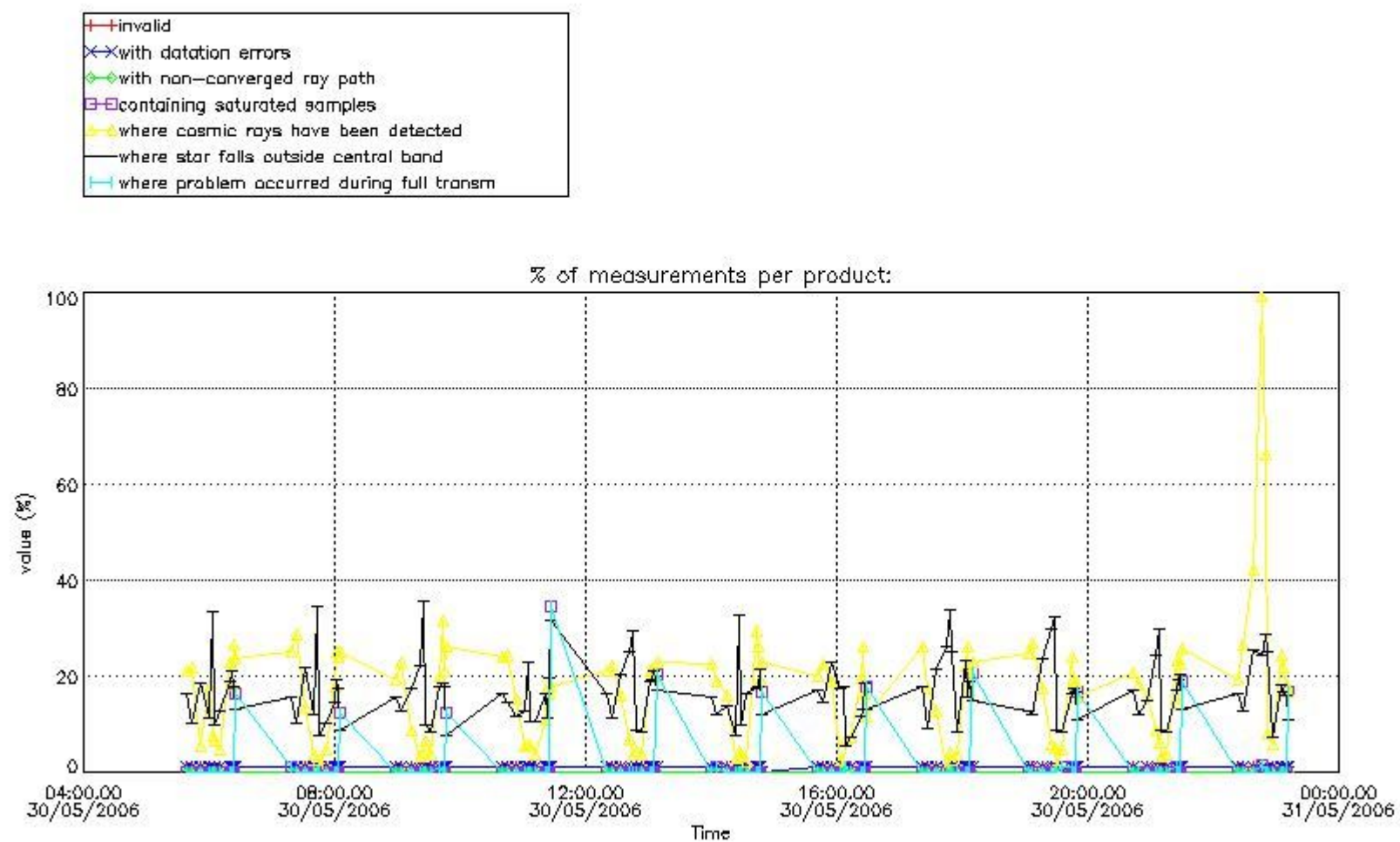


4. Level 1 quality information per product

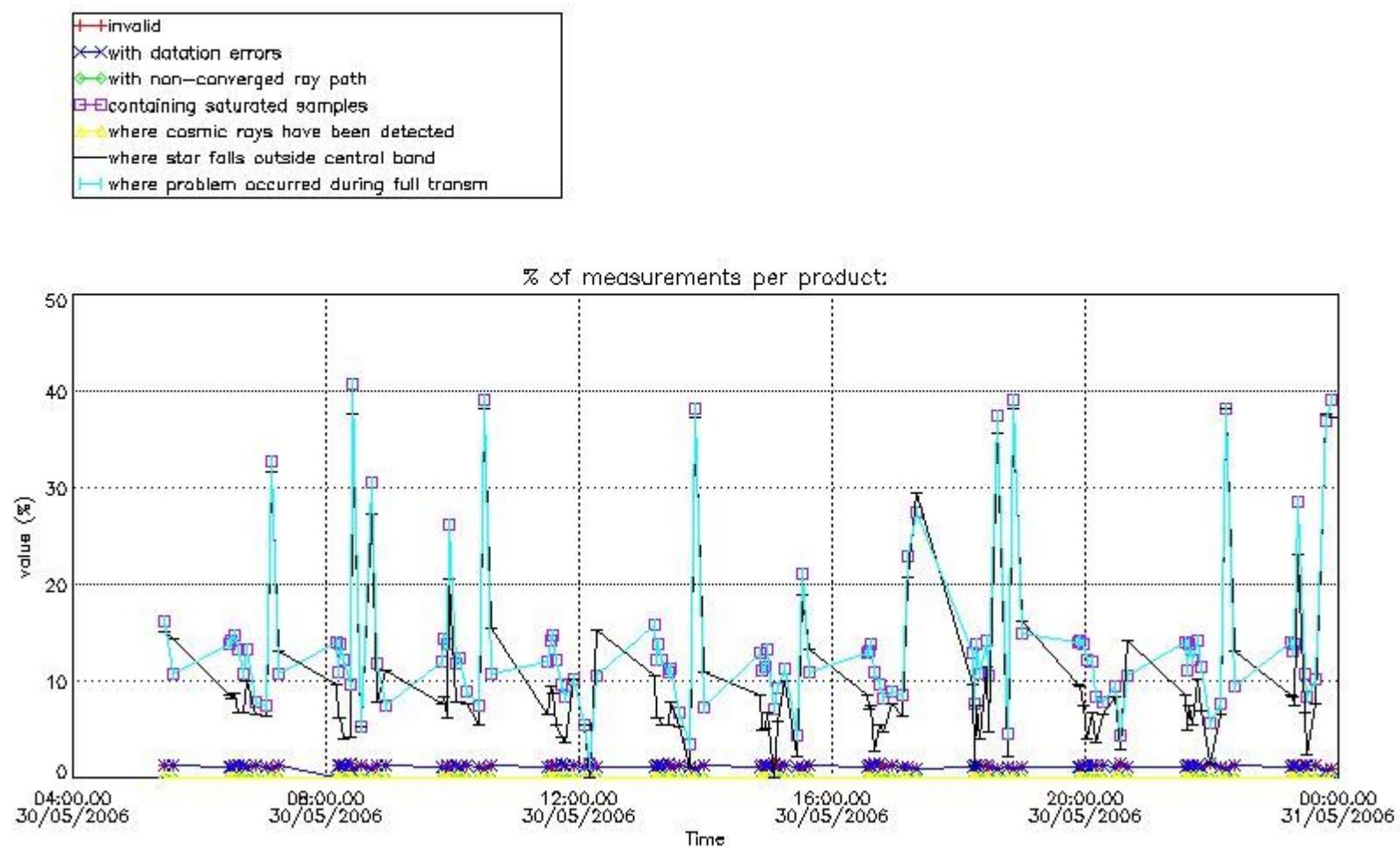
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

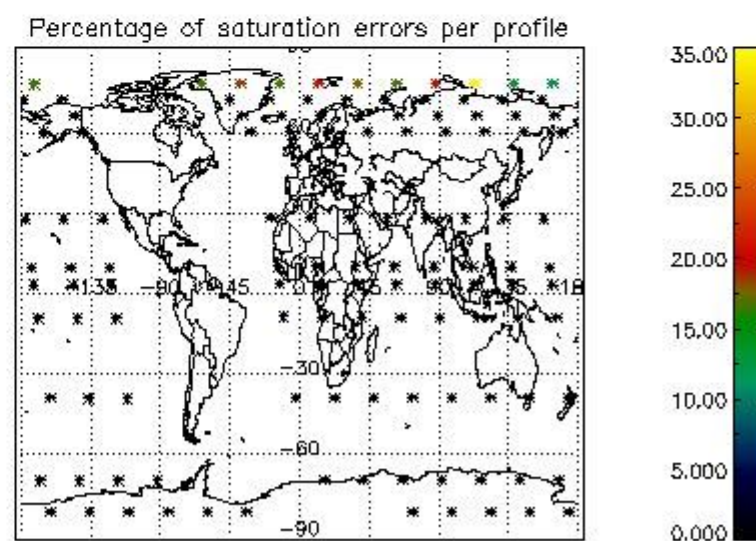
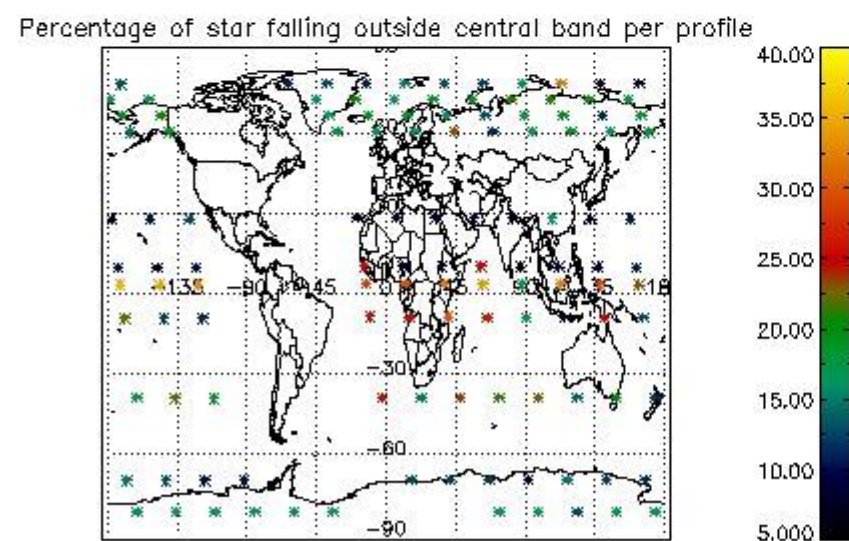
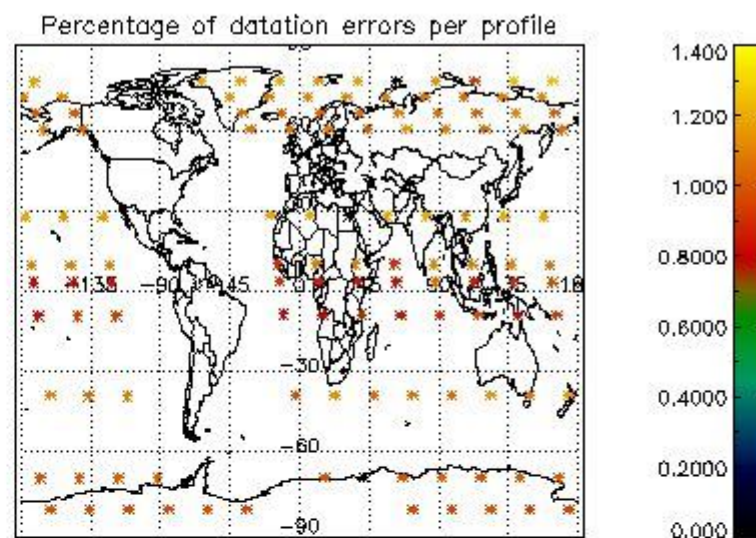
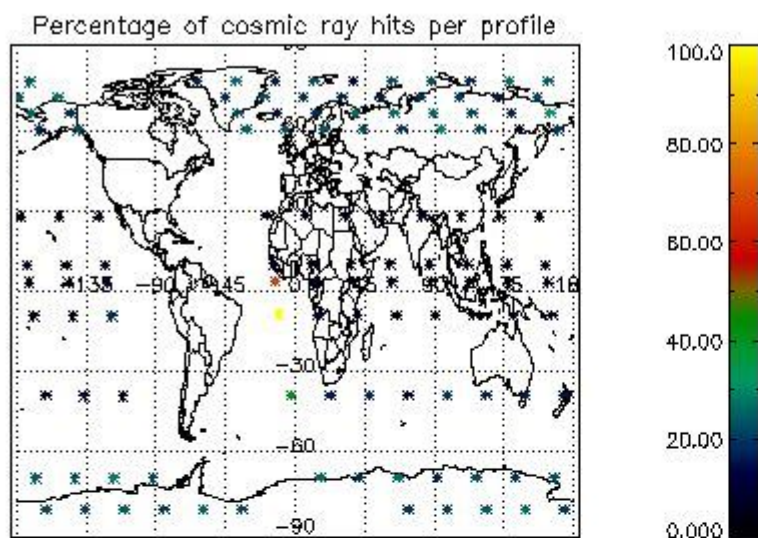


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

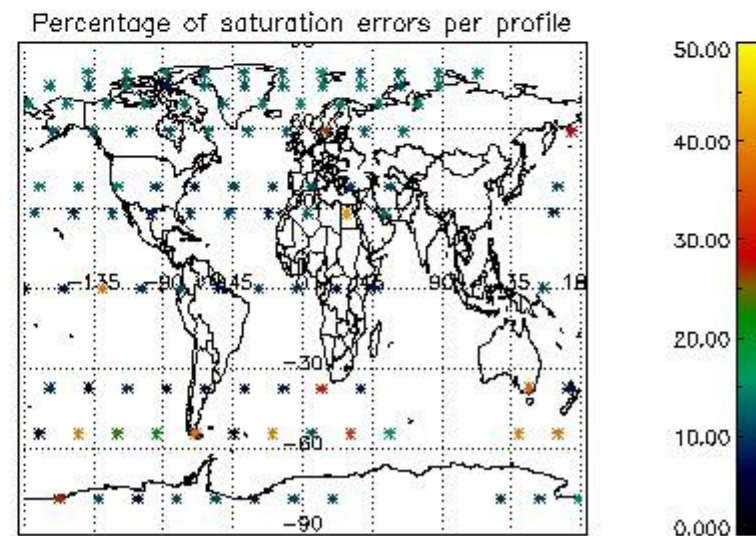
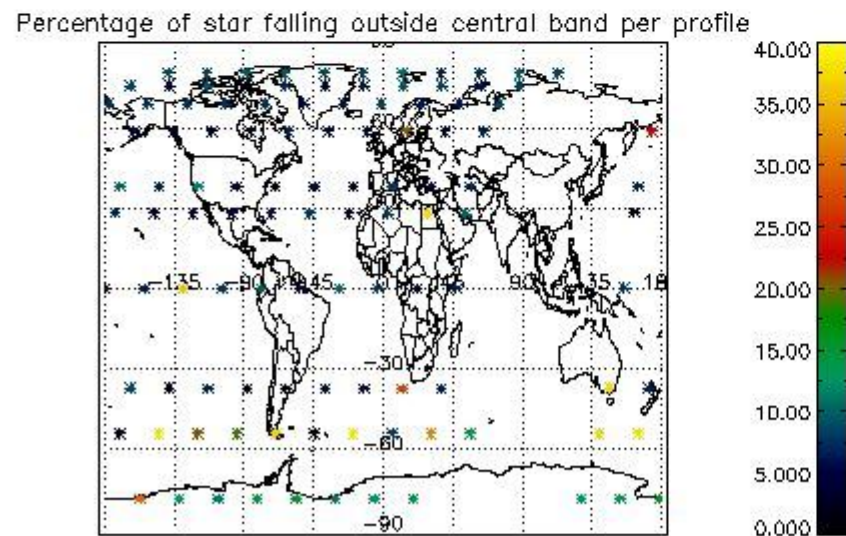
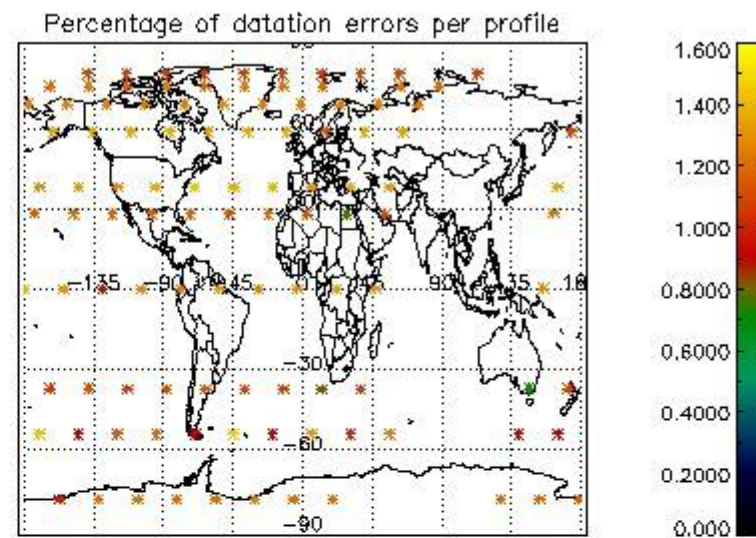
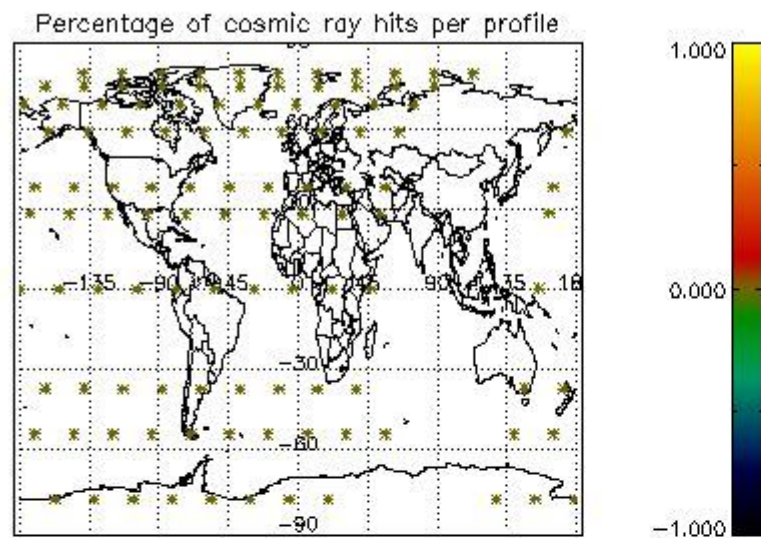


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

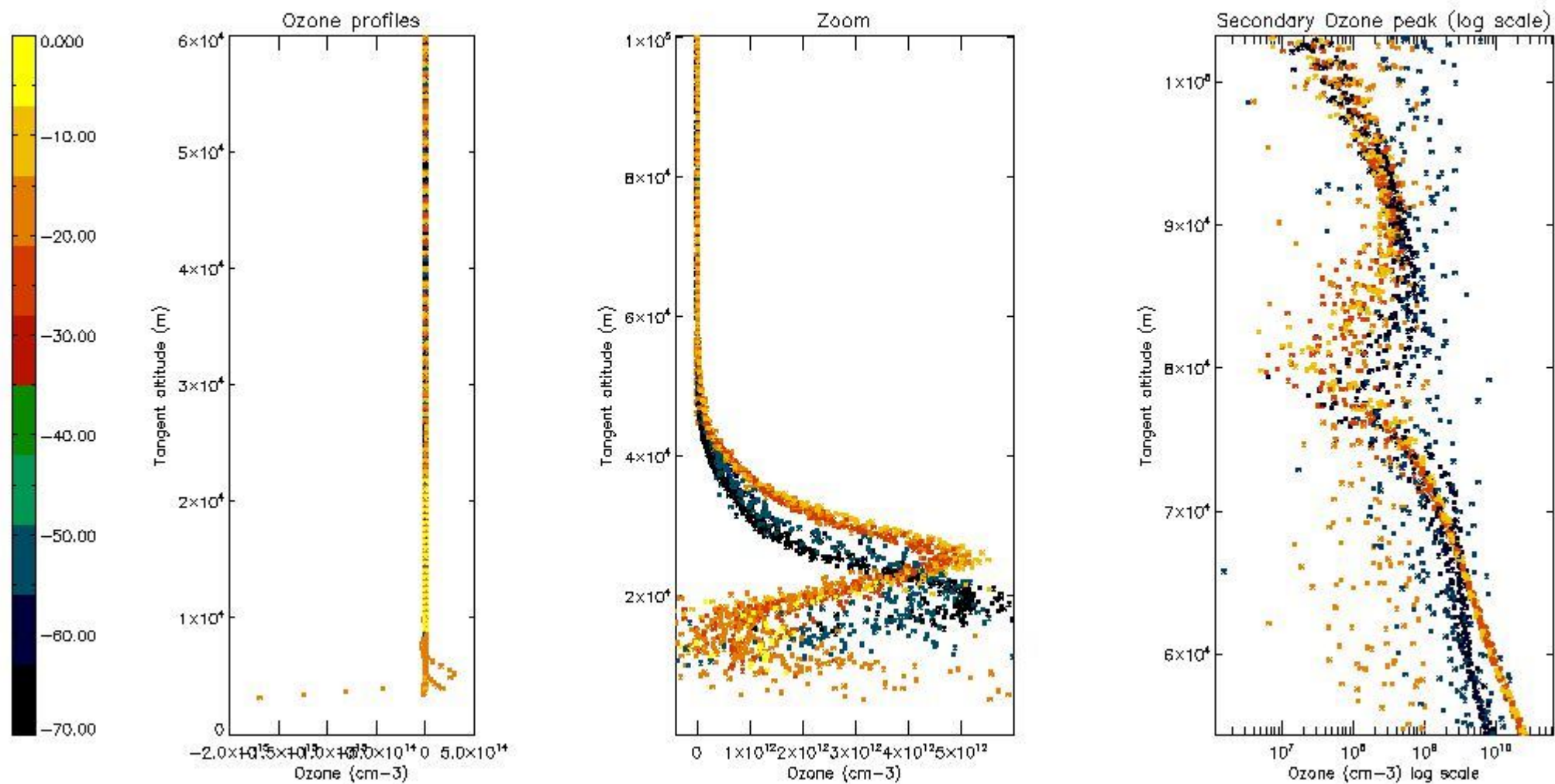
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	14

STD < 10	11
STD < 5	8

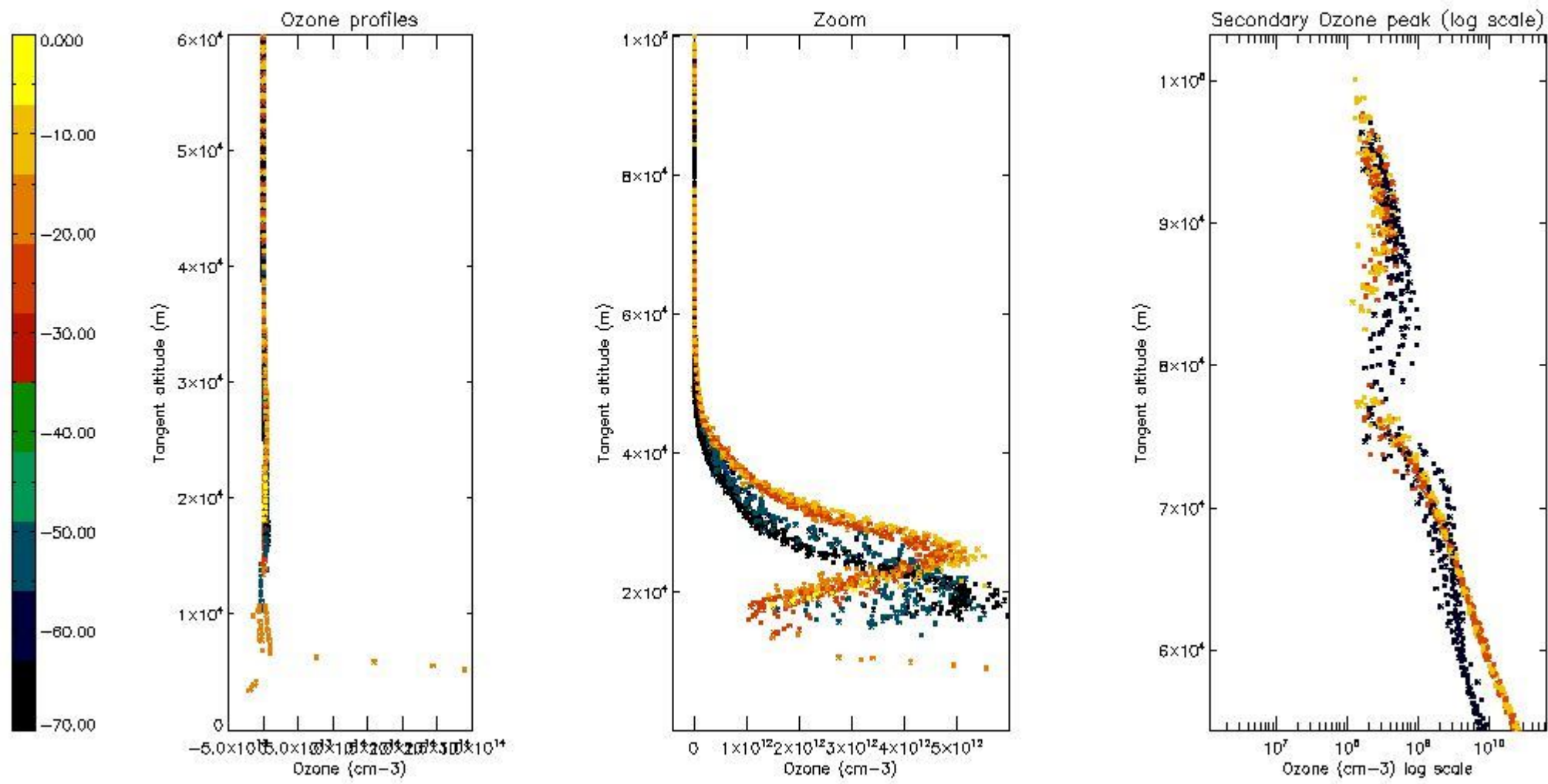
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



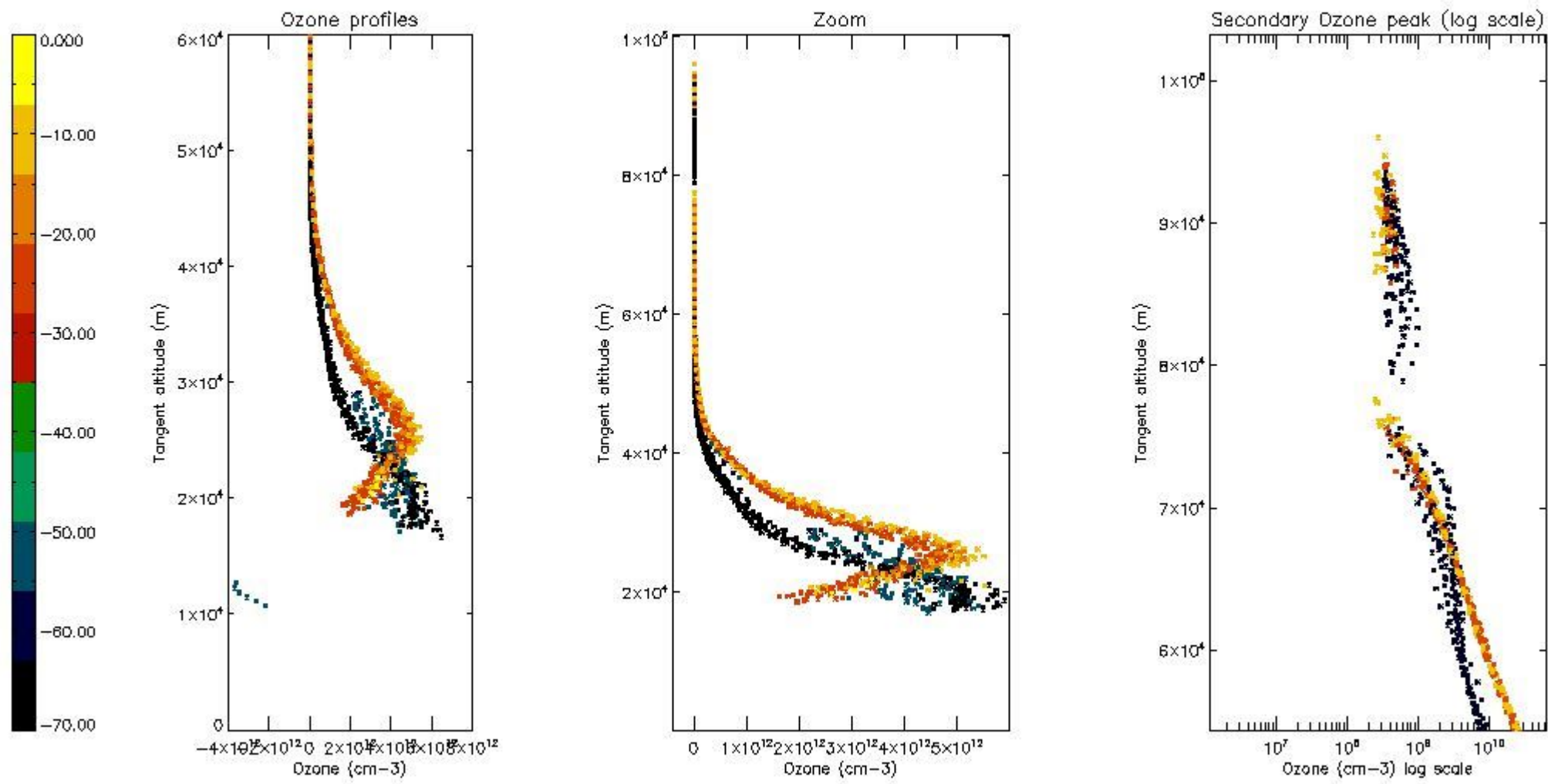
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



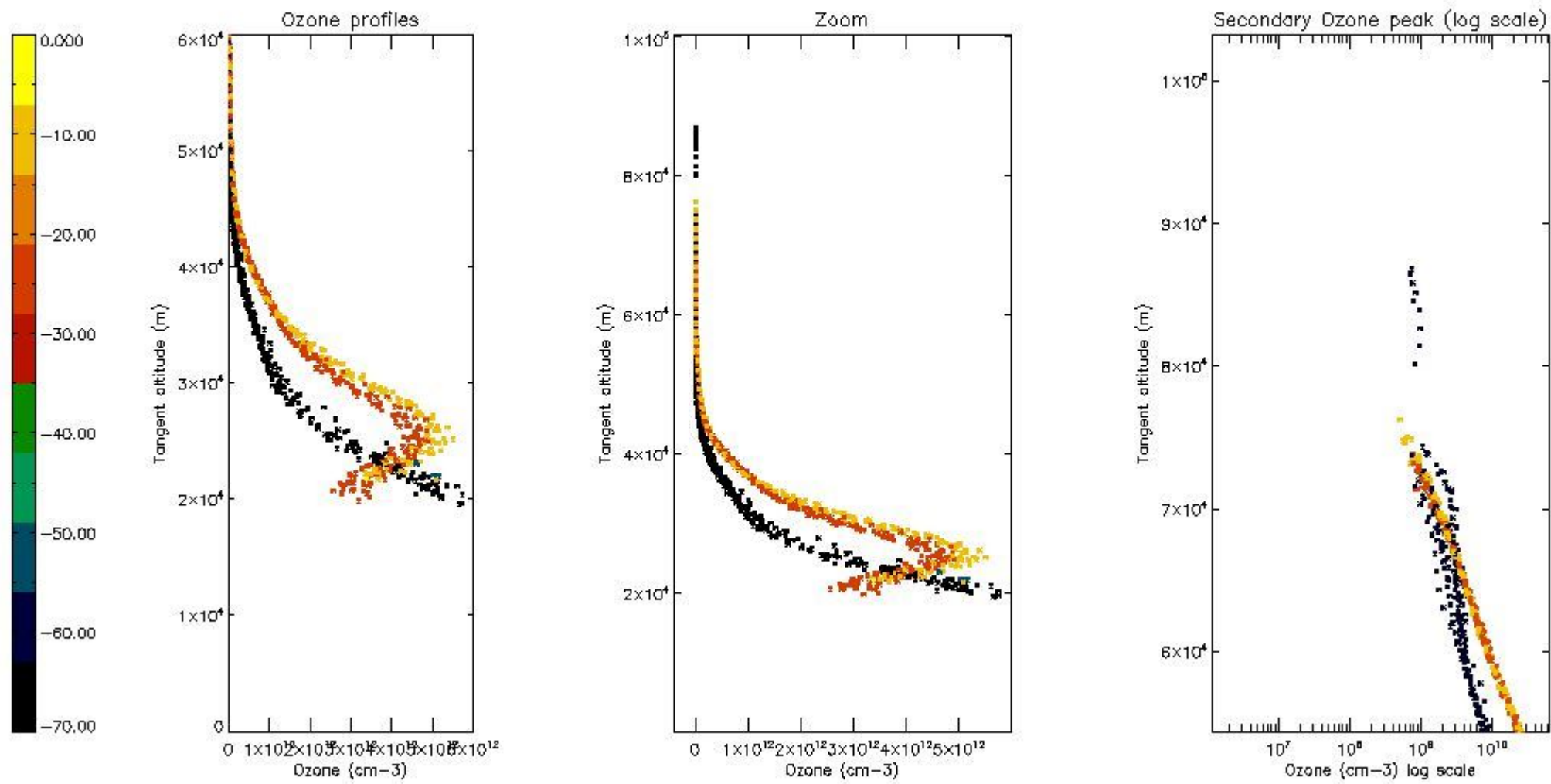
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



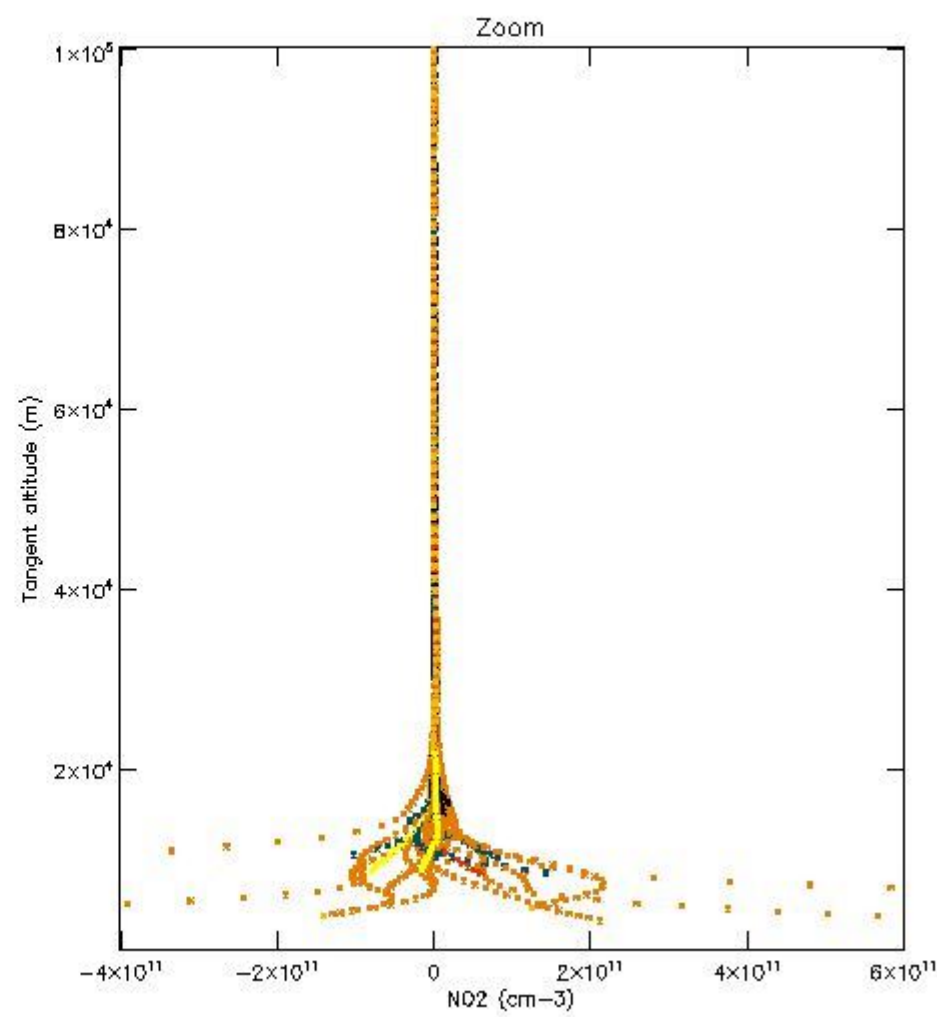
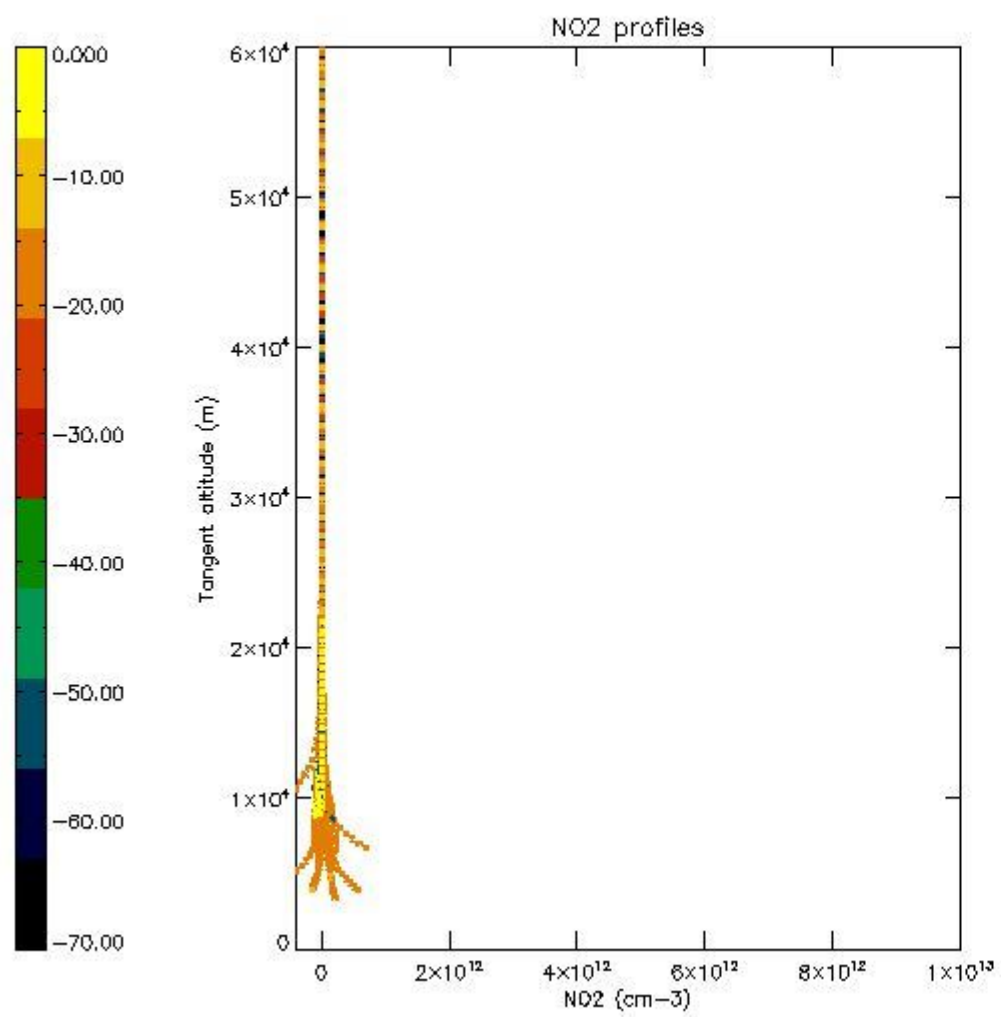
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



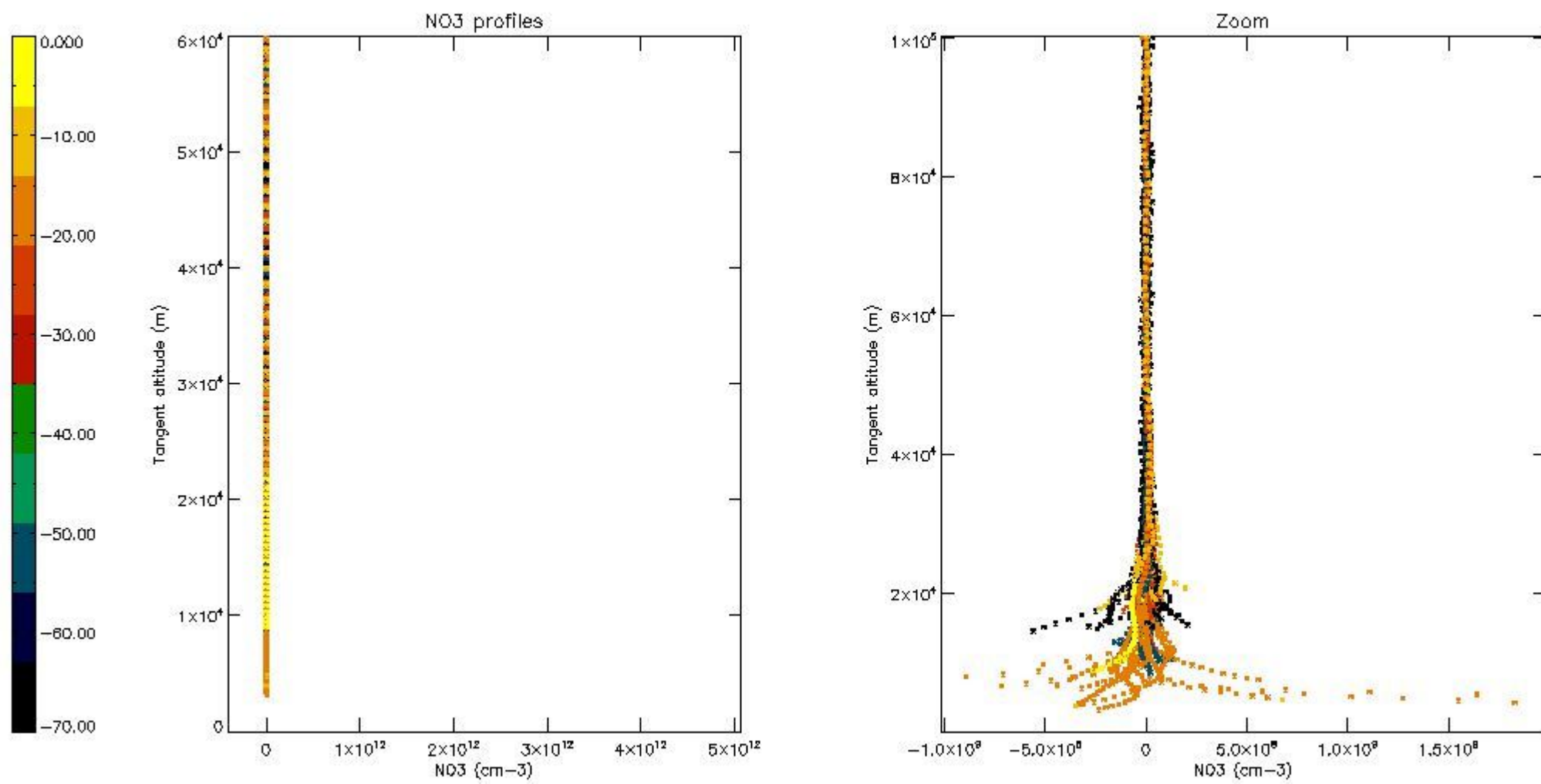
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



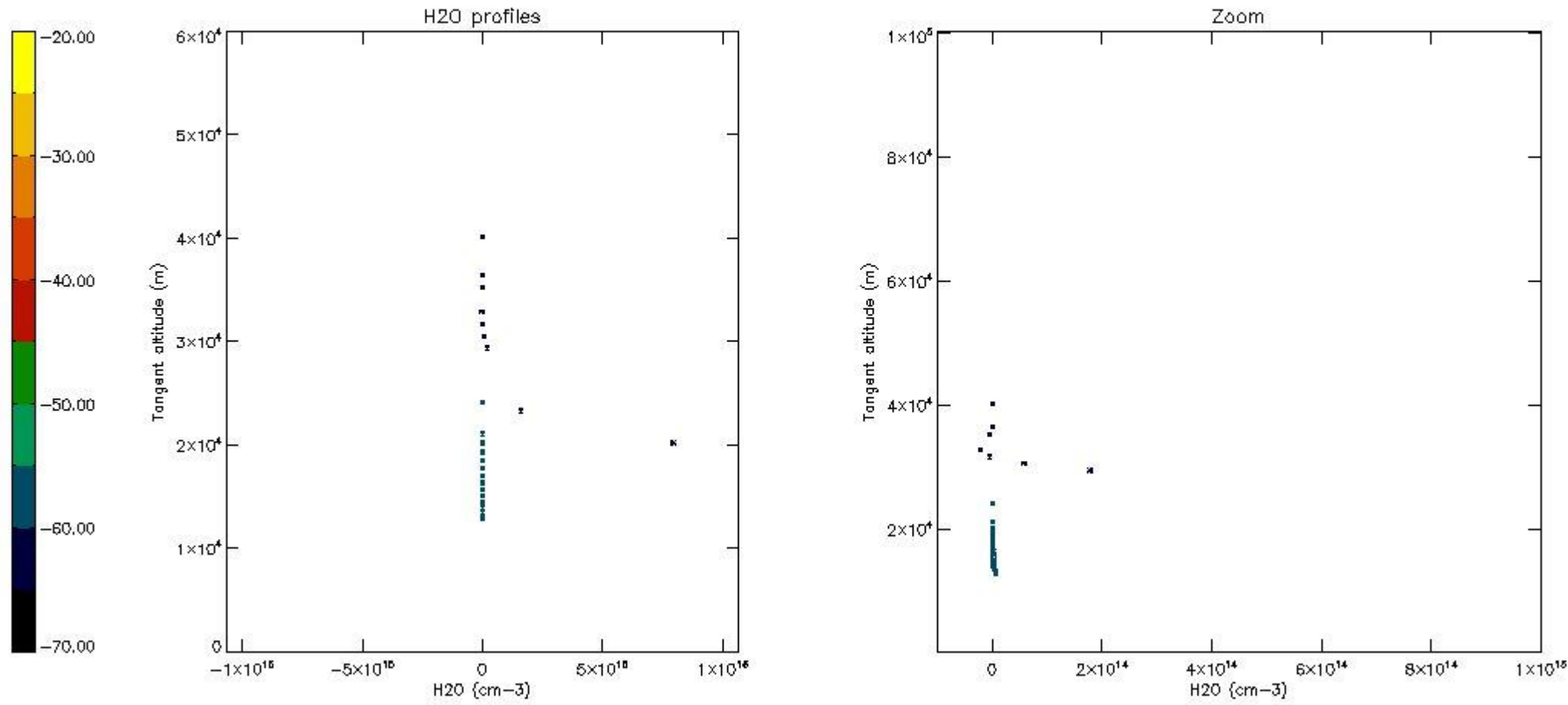
5.7 Plot NO3 profiles for all STD (dark without errors)

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	30-MAY-2006 05:22:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-MAY-2006 05:22:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-MAY-2006 05:22:37

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	23APR2013 22:43:22
Data source version	GOMOS/6.01
Start time of products	30-05-2006 (30MAY2006 00:00:00)
Stop time of products	31-05-2006 (31MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
Nb of prods with errors	1

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__2PRFIN20060530_052237_000000472048_00105_22203_0353.N1	30-MAY-2006 05:22:37	Dark	46.500	89	5Alp Cep	2.4510	8000.0	93	22203	Yes
2	GOM_NL__2PRFIN20060530_052723_000000402048_00105_22203_0354.N1	30-MAY-2006 05:27:23	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	22203	No
3	GOM_NL__2PRFIN20060530_053502_000000422048_00105_22203_0355.N1	30-MAY-2006 05:35:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22203	No
4	GOM_NL__2PRFIN20060530_053741_000000532048_00105_22203_0356.N1	30-MAY-2006 05:37:41	Twilight	52.500	58	21Alp And	2.0730	11000.	105	22203	No
5	GOM_NL__2PRFIN20060530_054230_000000492048_00105_22203_0357.N1	30-MAY-2006 05:42:30	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	22203	No
6	GOM_NL__2PRFIN20060530_055126_000000462048_00105_22203_0358.N1	30-MAY-2006 05:51:26	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22203	No
7	GOM_NL__2PRFIN20060530_055951_000000532048_00105_22203_0359.N1	30-MAY-2006 05:59:51	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	22203	No
8	GOM_NL__2PRFIN20060530_060321_000000602048_00106_22204_0353.N1	30-MAY-2006 06:03:21	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	22204	No
9	GOM_NL__2PRFIN20060530_060511_000000462048_00106_22204_0354.N1	30-MAY-2006 06:05:11	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22204	No
10	GOM_NL__2PRFIN20060530_061016_000000442048_00106_22204_0355.N1	30-MAY-2006 06:10:16	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	22204	No
11	GOM_NL__2PRFIN20060530_061931_000000482048_00106_22204_0356.N1	30-MAY-2006 06:19:31	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22204	No
12	GOM_NL__2PRFIN20060530_062119_000000502048_00106_22204_0357.N1	30-MAY-2006 06:21:19	Twilight	50.000	25	35Lam Sco	1.6200	28000.	100	22204	No
13	GOM_NL__2PRFIN20060530_062309_000000452048_00106_22204_0358.N1	30-MAY-2006 06:23:09	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22204	No
14	GOM_NL__2PRFIN20060530_062513_000000432048_00106_22204_0359.N1	30-MAY-2006 06:25:13	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22204	No
15	GOM_NL__2PRFIN20060530_062855_000000472048_00106_22204_0360.N1	30-MAY-2006 06:28:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	22204	No
16	GOM_NL__2PRFIN20060530_063049_000000432048_00106_22204_0361.N1	30-MAY-2006 06:30:49	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22204	No
17	GOM_NL__2PRFIN20060530_063302_000000412048_00106_22204_0362.N1	30-MAY-2006 06:33:02	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22204	No
18	GOM_NL__2PRFIN20060530_063603_000000382048_00106_22204_0363.N1	30-MAY-2006 06:36:03	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22204	No
19	GOM_NL__2PRFIN20060530_064200_000000382048_00106_22204_0364.N1	30-MAY-2006 06:42:00	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	22204	No
20	GOM_NL__2PRFIN20060530_064450_000000452048_00106_22204_0365.N1	30-MAY-2006 06:44:50	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	22204	No
21	GOM_NL__2PRFIN20060530_065240_000000392048_00106_22204_0366.N1	30-MAY-2006 06:52:40	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22204	No
22	GOM_NL__2PRFIN20060530_070312_000000472048_00106_22204_0367.N1	30-MAY-2006 07:03:12	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22204	No
23	GOM_NL__2PRFIN20060530_070759_000000512048_00106_22204_0368.N1	30-MAY-2006 07:07:59	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	22204	No
24	GOM_NL__2PRFIN20060530_071538_000000422048_00106_22204_0369.N1	30-MAY-2006 07:15:38	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22204	No
25	GOM_NL__2PRFIN20060530_071818_000000522048_00106_22204_0370.N1	30-MAY-2006 07:18:18	Twilight	51.500	58	21Alp And	2.0730	11000.	103	22204	No
26	GOM_NL__2PRFIN20060530_072306_000000492048_00106_22204_0371.N1	30-MAY-2006 07:23:06	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	22204	No
27	GOM_NL__2PRFIN20060530_073203_000000482048_00106_22204_0372.N1	30-MAY-2006 07:32:03	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	22204	No
28	GOM_NL__2PRFIN20060530_074028_000000542048_00106_22204_0373.N1	30-MAY-2006 07:40:28	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	22204	No
29	GOM_NL__2PRFIN20060530_074357_000000612048_00107_22205_0353.N1	30-MAY-2006 07:43:57	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	22205	No
30	GOM_NL__2PRFIN20060530_074547_000000462048_00107_22205_0354.N1	30-MAY-2006 07:45:47	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22205	No
31	GOM_NL__2PRFIN20060530_075052_000000442048_00107_22205_0355.N1	30-MAY-2006 07:50:52	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	22205	No
32	GOM_NL__2PRFIN20060530_080007_000000452048_00107_22205_0356.N1	30-MAY-2006 08:00:07	Straylight	45.000	40	The Sco	1.8590	7100.0	90	22205	No
33	GOM_NL__2PRFIN20060530_080156_000000502048_00107_22205_0357.N1	30-MAY-2006 08:01:56	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	22205	No
34	GOM_NL__2PRFIN20060530_080345_000000462048_00107_22205_0358.N1	30-MAY-2006 08:03:45	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22205	No
35	GOM_NL__2PRFIN20060530_080549_000000402048_00107_22205_0359.N1	30-MAY-2006 08:05:49	Bright	40.000	136	23Tau Sco	2.8220	30000.	80	22205	No
36	GOM_NL__2PRFIN20060530_080931_000000472048_00107_22205_0360.N1	30-MAY-2006 08:09:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22205	No
37	GOM_NL__2PRFIN20060530_081125_000000412048_00107_22205_0361.N1	30-MAY-2006 08:11:25	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22205	No
38	GOM_NL__2PRFIN20060530_081337_000000402048_00107_22205_0362.N1	30-MAY-2006 08:13:37	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22205	No
39	GOM_NL__2PRFIN20060530_081639_000000372048_00107_22205_0363.N1	30-MAY-2006 08:16:39	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22205	No
40	GOM_NL__2PRFIN20060530_082236_000000372048_00107_22205_0364.N1	30-MAY-2006 08:22:36	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22205	No
41	GOM_NL__2PRFIN20060530_082526_000000652048_00107_22205_0365.N1	30-MAY-2006 08:25:26	Bright	65.000	133	40Zet Her	2.8070	6000.0	130	22205	No
42	GOM_NL__2PRFIN20060530_083316_000000382048_00107_22205_0366.N1	30-MAY-2006 08:33:16	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	22205	No

43	GOM_NL__2PRFIN20060530_084347_000000612048_00107_22205_0367.N1	30-MAY-2006 08:43:47	Bright	60.500	89	5Alp Cep	2.4510	8000.0	121	22205	No
44	GOM_NL__2PRFIN20060530_084834_000000382048_00107_22205_0368.N1	30-MAY-2006 08:48:34	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22205	No
45	GOM_NL__2PRFIN20060530_085614_000000412048_00107_22205_0369.N1	30-MAY-2006 08:56:14	Bright	40.500	53	43Bet And	2.0480	3300.0	81	22205	No
46	GOM_NL__2PRFIN20060530_085854_000000522048_00107_22205_0370.N1	30-MAY-2006 08:58:54	Twilight	51.500	58	21Alp And	2.0730	11000.	103	22205	No
47	GOM_NL__2PRFIN20060530_090343_000000512048_00107_22205_0371.N1	30-MAY-2006 09:03:43	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	22205	No
48	GOM_NL__2PRFIN20060530_091239_000000462048_00107_22205_0372.N1	30-MAY-2006 09:12:39	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	22205	No
49	GOM_NL__2PRFIN20060530_092105_000000612048_00107_22205_0373.N1	30-MAY-2006 09:21:05	Dark	60.500	18	24Alp PsA	1.1660	9700.0	121	22205	No
50	GOM_NL__2PRFIN20060530_092434_000000622048_00108_22206_0353.N1	30-MAY-2006 09:24:34	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	22206	No
51	GOM_NL__2PRFIN20060530_092624_000000462048_00108_22206_0354.N1	30-MAY-2006 09:26:24	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22206	No
52	GOM_NL__2PRFIN20060530_093129_000000422048_00108_22206_0355.N1	30-MAY-2006 09:31:29	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22206	No
53	GOM_NL__2PRFIN20060530_094043_000000482048_00108_22206_0356.N1	30-MAY-2006 09:40:43	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22206	No
54	GOM_NL__2PRFIN20060530_094232_000000492048_00108_22206_0357.N1	30-MAY-2006 09:42:32	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	22206	No
55	GOM_NL__2PRFIN20060530_094421_000000452048_00108_22206_0358.N1	30-MAY-2006 09:44:21	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22206	No
56	GOM_NL__2PRFIN20060530_094625_000000402048_00108_22206_0359.N1	30-MAY-2006 09:46:25	Bright	40.000	136	23Tau Sco	2.8220	30000.	80	22206	No
57	GOM_NL__2PRFIN20060530_095007_000000462048_00108_22206_0360.N1	30-MAY-2006 09:50:07	Bright	46.000	86	35Eta Oph	2.4300	10200.	92	22206	No
58	GOM_NL__2PRFIN20060530_095201_000000422048_00108_22206_0361.N1	30-MAY-2006 09:52:01	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	22206	No
59	GOM_NL__2PRFIN20060530_095413_000000402048_00108_22206_0362.N1	30-MAY-2006 09:54:13	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22206	No
60	GOM_NL__2PRFIN20060530_095715_000000442048_00108_22206_0363.N1	30-MAY-2006 09:57:15	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	22206	No
61	GOM_NL__2PRFIN20060530_100311_000000382048_00108_22206_0364.N1	30-MAY-2006 10:03:11	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	22206	No
62	GOM_NL__2PRFIN20060530_100601_000000452048_00108_22206_0365.N1	30-MAY-2006 10:06:01	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22206	No
63	GOM_NL__2PRFIN20060530_101351_000000392048_00108_22206_0366.N1	30-MAY-2006 10:13:51	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22206	No
64	GOM_NL__2PRFIN20060530_102422_000000472048_00108_22206_0367.N1	30-MAY-2006 10:24:22	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22206	No
65	GOM_NL__2PRFIN20060530_102910_000000552048_00108_22206_0368.N1	30-MAY-2006 10:29:10	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22206	No
66	GOM_NL__2PRFIN20060530_103650_000000422048_00108_22206_0369.N1	30-MAY-2006 10:36:50	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22206	No
67	GOM_NL__2PRFIN20060530_103930_000000522048_00108_22206_0370.N1	30-MAY-2006 10:39:30	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22206	No
68	GOM_NL__2PRFIN20060530_104419_000000512048_00108_22206_0371.N1	30-MAY-2006 10:44:19	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	22206	No
69	GOM_NL__2PRFIN20060530_105316_000000432048_00108_22206_0372.N1	30-MAY-2006 10:53:16	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	22206	No
70	GOM_NL__2PRFIN20060530_110142_000000552048_00108_22206_0373.N1	30-MAY-2006 11:01:42	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	22206	No
71	GOM_NL__2PRFIN20060530_110511_000000522048_00109_22207_0353.N1	30-MAY-2006 11:05:11	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	22207	No
72	GOM_NL__2PRFIN20060530_110701_000000472048_00109_22207_0354.N1	30-MAY-2006 11:07:01	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22207	No
73	GOM_NL__2PRFIN20060530_111206_000000432048_00109_22207_0355.N1	30-MAY-2006 11:12:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22207	No
74	GOM_NL__2PRFIN20060530_112120_000000462048_00109_22207_0356.N1	30-MAY-2006 11:21:20	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22207	No
75	GOM_NL__2PRFIN20060530_112308_000000452048_00109_22207_0357.N1	30-MAY-2006 11:23:08	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22207	No
76	GOM_NL__2PRFIN20060530_112458_000000462048_00109_22207_0358.N1	30-MAY-2006 11:24:58	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	22207	No
77	GOM_NL__2PRFIN20060530_112701_000000542048_00109_22207_0359.N1	30-MAY-2006 11:27:01	Bright	53.500	136	23Tau Sco	2.8220	30000.	107	22207	No
78	GOM_NL__2PRFIN20060530_113043_000000462048_00109_22207_0360.N1	30-MAY-2006 11:30:43	Bright	45.500	86	35Eta Oph	2.4300	10200.	91	22207	No
79	GOM_NL__2PRFIN20060530_113237_000000432048_00109_22207_0361.N1	30-MAY-2006 11:32:37	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22207	No
80	GOM_NL__2PRFIN20060530_113449_000000412048_00109_22207_0362.N1	30-MAY-2006 11:34:49	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	22207	No
81	GOM_NL__2PRFIN20060530_113750_000000372048_00109_22207_0363.N1	30-MAY-2006 11:37:50	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22207	No
82	GOM_NL__2PRFIN20060530_114347_000000362048_00109_22207_0364.N1	30-MAY-2006 11:43:47	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	22207	No
83	GOM_NL__2PRFIN20060530_114636_000000422048_00109_22207_0365.N1	30-MAY-2006 11:46:36	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	22207	No
84	GOM_NL__2PRFIN20060530_115427_000000402048_00109_22207_0366.N1	30-MAY-2006 11:54:27	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22207	No
85	GOM_NL__2PRFIN20060530_120458_000000462048_00109_22207_0367.N1	30-MAY-2006 12:04:58	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22207	No
86	GOM_NL__2PRFIN20060530_120946_000000342048_00109_22207_0368.N1	30-MAY-2006 12:09:46	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	22207	No
87	GOM_NL__2PRFIN20060530_121726_000000432048_00109_22207_0369.N1	30-MAY-2006 12:17:26	Bright	42.500	53	43Bet And	2.0480	3300.0	85	22207	No
88	GOM_NL__2PRFIN20060530_122006_000000522048_00109_22207_0370.N1	30-MAY-2006 12:20:06	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22207	No
89	GOM_NL__2PRFIN20060530_122455_000000502048_00109_22207_0371.N1	30-MAY-2006 12:24:55	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	22207	No
90	GOM_NL__2PRFIN20060530_123352_000000472048_00109_22207_0372.N1	30-MAY-2006 12:33:52	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	22207	No
91	GOM_NL__2PRFIN20060530_124219_000000642048_00109_22207_0373.N1	30-MAY-2006 12:42:19	Dark	63.500	18	24Alp PsA	1.1660	9700.0	127	22207	No
92	GOM_NL__2PRFIN20060530_124547_000000562048_00110_22208_0353.N1	30-MAY-2006 12:45:47	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	22208	No
93	GOM_NL__2PRFIN20060530_124738_000000452048_00110_22208_0354.N1	30-MAY-2006 12:47:38	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22208	No
94	GOM_NL__2PRFIN20060530_125242_000000422048_00110_22208_0355.N1	30-MAY-2006 12:52:42	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22208	No
95	GOM_NL__2PRFIN20060530_130156_000000482048_00110_22208_0356.N1	30-MAY-2006 13:01:56	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22208	No
96	GOM_NL__2PRFIN20060530_130345_000000492048_00110_22208_0357.N1	30-MAY-2006 13:03:45	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	22208	No
97	GOM_NL__2PRFIN20060530_130534_000000482048_00110_22208_0358.N1	30-MAY-2006 13:05:34	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	22208	No
98	GOM_NL__2PRFIN20060530_130738_000000442048_00110_22208_0359.N1	30-MAY-2006 13:07:38	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	22208	No
99	GOM_NL__2PRFIN20060530_131119_000000482048_00110_22208_0360.N1	30-MAY-2006 13:11:19	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	22208	No
100	GOM_NL__2PRFIN20060530_131313_000000412048_00110_22208_0361.N1	30-MAY-2006 13:13:13	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22208	No
101	GOM_NL__2PRFIN20060530_131525_000000402048_00110_22208_0362.N1	30-MAY-2006 13:15:25	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22208	No

102	GOM_NL__2PRFIN20060530_131826_000000372048_00110_22208_0363.N1	30-MAY-2006 13:18:26	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22208	No
103	GOM_NL__2PRFIN20060530_132423_000000372048_00110_22208_0364.N1	30-MAY-2006 13:24:23	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22208	No
104	GOM_NL__2PRFIN20060530_132712_000000452048_00110_22208_0365.N1	30-MAY-2006 13:27:12	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	22208	No
105	GOM_NL__2PRFIN20060530_133502_000000382048_00110_22208_0366.N1	30-MAY-2006 13:35:02	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	22208	No
106	GOM_NL__2PRFIN20060530_134533_000000442048_00110_22208_0367.N1	30-MAY-2006 13:45:33	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	22208	No
107	GOM_NL__2PRFIN20060530_135022_000000552048_00110_22208_0368.N1	30-MAY-2006 13:50:22	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22208	No
108	GOM_NL__2PRFIN20060530_135802_000000412048_00110_22208_0369.N1	30-MAY-2006 13:58:02	Bright	41.000	53	43Bet And	2.0480	3300.0	82	22208	No
109	GOM_NL__2PRFIN20060530_140042_000000512048_00110_22208_0370.N1	30-MAY-2006 14:00:42	Twilight	51.000	58	21Alp And	2.0730	11000.	102	22208	No
110	GOM_NL__2PRFIN20060530_140532_000000502048_00110_22208_0371.N1	30-MAY-2006 14:05:32	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	22208	No
111	GOM_NL__2PRFIN20060530_141429_000000442048_00110_22208_0372.N1	30-MAY-2006 14:14:29	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	22208	No
112	GOM_NL__2PRFIN20060530_142256_000000522048_00110_22208_0373.N1	30-MAY-2006 14:22:56	Dark	51.500	18	24Alp PsA	1.1660	9700.0	103	22208	No
113	GOM_NL__2PRFIN20060530_142624_000000602048_00111_22209_0353.N1	30-MAY-2006 14:26:24	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	22209	No
114	GOM_NL__2PRFIN20060530_142815_000000462048_00111_22209_0354.N1	30-MAY-2006 14:28:15	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22209	No
115	GOM_NL__2PRFIN20060530_143319_000000462048_00111_22209_0355.N1	30-MAY-2006 14:33:19	Straylight	46.000	45	Alp Pav	1.9400	26000.	92	22209	No
116	GOM_NL__2PRFIN20060530_144232_000000462048_00111_22209_0356.N1	30-MAY-2006 14:42:32	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22209	No
117	GOM_NL__2PRFIN20060530_144421_000000482048_00111_22209_0357.N1	30-MAY-2006 14:44:21	Twilight	48.000	25	35Lam Sco	1.6200	28000.	96	22209	No
118	GOM_NL__2PRFIN20060530_144610_000000472048_00111_22209_0358.N1	30-MAY-2006 14:46:10	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22209	No
119	GOM_NL__2PRFIN20060530_144814_000000422048_00111_22209_0359.N1	30-MAY-2006 14:48:14	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22209	No
120	GOM_NL__2PRFIN20060530_145155_000000472048_00111_22209_0360.N1	30-MAY-2006 14:51:55	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22209	No
121	GOM_NL__2PRFIN20060530_145349_000000412048_00111_22209_0361.N1	30-MAY-2006 14:53:49	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	22209	No
122	GOM_NL__2PRFIN20060530_145601_000000392048_00111_22209_0362.N1	30-MAY-2006 14:56:01	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22209	No
123	GOM_NL__2PRFIN20060530_145902_000000382048_00111_22209_0363.N1	30-MAY-2006 14:59:02	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	22209	No
124	GOM_NL__2PRFIN20060530_150459_000000352048_00111_22209_0364.N1	30-MAY-2006 15:04:59	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	22209	No
125	GOM_NL__2PRFIN20060530_150747_000000432048_00111_22209_0365.N1	30-MAY-2006 15:07:47	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22209	No
126	GOM_NL__2PRFIN20060530_151538_000000402048_00111_22209_0366.N1	30-MAY-2006 15:15:38	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22209	No
127	GOM_NL__2PRFIN20060530_152609_000000452048_00111_22209_0367.N1	30-MAY-2006 15:26:09	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	22209	No
128	GOM_NL__2PRFIN20060530_153058_000000432048_00111_22209_0368.N1	30-MAY-2006 15:30:58	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	22209	No
129	GOM_NL__2PRFIN20060530_153838_000000422048_00111_22209_0369.N1	30-MAY-2006 15:38:38	Bright	41.500	53	43Bet And	2.0480	3300.0	83	22209	No
130	GOM_NL__2PRFIN20060530_154118_000000532048_00111_22209_0370.N1	30-MAY-2006 15:41:18	Twilight	52.500	58	21Alp And	2.0730	11000.	105	22209	No
131	GOM_NL__2PRFIN20060530_154608_000000512048_00111_22209_0371.N1	30-MAY-2006 15:46:08	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	22209	No
132	GOM_NL__2PRFIN20060530_155506_000000482048_00111_22209_0372.N1	30-MAY-2006 15:55:06	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	22209	No
133	GOM_NL__2PRFIN20060530_160333_000000572048_00111_22209_0373.N1	30-MAY-2006 16:03:33	Dark	57.000	18	24Alp PsA	1.1660	9700.0	114	22209	No
134	GOM_NL__2PRFIN20060530_160701_000000482048_00112_22210_0373.N1	30-MAY-2006 16:07:01	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	22210	No
135	GOM_NL__2PRFIN20060530_160852_000000452048_00112_22210_0374.N1	30-MAY-2006 16:08:52	Dark	44.500	31	Alp Gru	1.7340	15200.	89	22210	No
136	GOM_NL__2PRFIN20060530_161356_000000422048_00112_22210_0375.N1	30-MAY-2006 16:13:56	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22210	No
137	GOM_NL__2PRFIN20060530_162309_000000442048_00112_22210_0376.N1	30-MAY-2006 16:23:09	Straylight	43.500	40	The Sco	1.8590	7100.0	87	22210	No
138	GOM_NL__2PRFIN20060530_162457_000000462048_00112_22210_0377.N1	30-MAY-2006 16:24:57	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	22210	No
139	GOM_NL__2PRFIN20060530_162646_000000462048_00112_22210_0378.N1	30-MAY-2006 16:26:46	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	22210	No
140	GOM_NL__2PRFIN20060530_162850_000000432048_00112_22210_0379.N1	30-MAY-2006 16:28:50	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22210	No
141	GOM_NL__2PRFIN20060530_163231_000000472048_00112_22210_0380.N1	30-MAY-2006 16:32:31	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22210	No
142	GOM_NL__2PRFIN20060530_163424_000000422048_00112_22210_0381.N1	30-MAY-2006 16:34:24	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	22210	No
143	GOM_NL__2PRFIN20060530_163637_000000402048_00112_22210_0382.N1	30-MAY-2006 16:36:37	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22210	No
144	GOM_NL__2PRFIN20060530_163938_000000372048_00112_22210_0383.N1	30-MAY-2006 16:39:38	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	22210	No
145	GOM_NL__2PRFIN20060530_164535_000000372048_00112_22210_0384.N1	30-MAY-2006 16:45:35	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	22210	No
146	GOM_NL__2PRFIN20060530_164822_000000432048_00112_22210_0385.N1	30-MAY-2006 16:48:22	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22210	No
147	GOM_NL__2PRFIN20060530_165614_000000392048_00112_22210_0386.N1	30-MAY-2006 16:56:14	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22210	No
148	GOM_NL__2PRFIN20060530_170644_000000472048_00112_22210_0387.N1	30-MAY-2006 17:06:44	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22210	No
149	GOM_NL__2PRFIN20060530_171134_000000442048_00112_22210_0388.N1	30-MAY-2006 17:11:34	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	22210	No
150	GOM_NL__2PRFIN20060530_171914_000000512048_00112_22210_0389.N1	30-MAY-2006 17:19:14	Bright	51.000	53	43Bet And	2.0480	3300.0	102	22210	No
151	GOM_NL__2PRFIN20060530_172154_000000542048_00112_22210_0390.N1	30-MAY-2006 17:21:54	Twilight	53.500	58	21Alp And	2.0730	11000.	107	22210	No
152	GOM_NL__2PRFIN20060530_172645_000000492048_00112_22210_0391.N1	30-MAY-2006 17:26:45	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	22210	No
153	GOM_NL__2PRFIN20060530_173542_000000472048_00112_22210_0392.N1	30-MAY-2006 17:35:42	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22210	No
154	GOM_NL__2PRFIN20060530_174411_000000652048_00112_22210_0393.N1	30-MAY-2006 17:44:11	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	22210	No
155	GOM_NL__2PRFIN20060530_174738_000000612048_00113_22211_0373.N1	30-MAY-2006 17:47:38	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	22211	No
156	GOM_NL__2PRFIN20060530_174928_000000562048_00113_22211_0374.N1	30-MAY-2006 17:49:28	Dark	55.500	31	Alp Gru	1.7340	15200.	111	22211	No
157	GOM_NL__2PRFIN20060530_175432_000000422048_00113_22211_0375.N1	30-MAY-2006 17:54:32	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22211	No
158	GOM_NL__2PRFIN20060530_180345_000000502048_00113_22211_0376.N1	30-MAY-2006 18:03:45	Straylight	49.500	40	The Sco	1.8590	7100.0	99	22211	No
159	GOM_NL__2PRFIN20060530_180534_000000482048_00113_22211_0377.N1	30-MAY-2006 18:05:34	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	22211	No
160	GOM_NL__2PRFIN20060530_180723_000000452048_00113_22211_0378.N1	30-MAY-2006 18:07:23	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22211	No

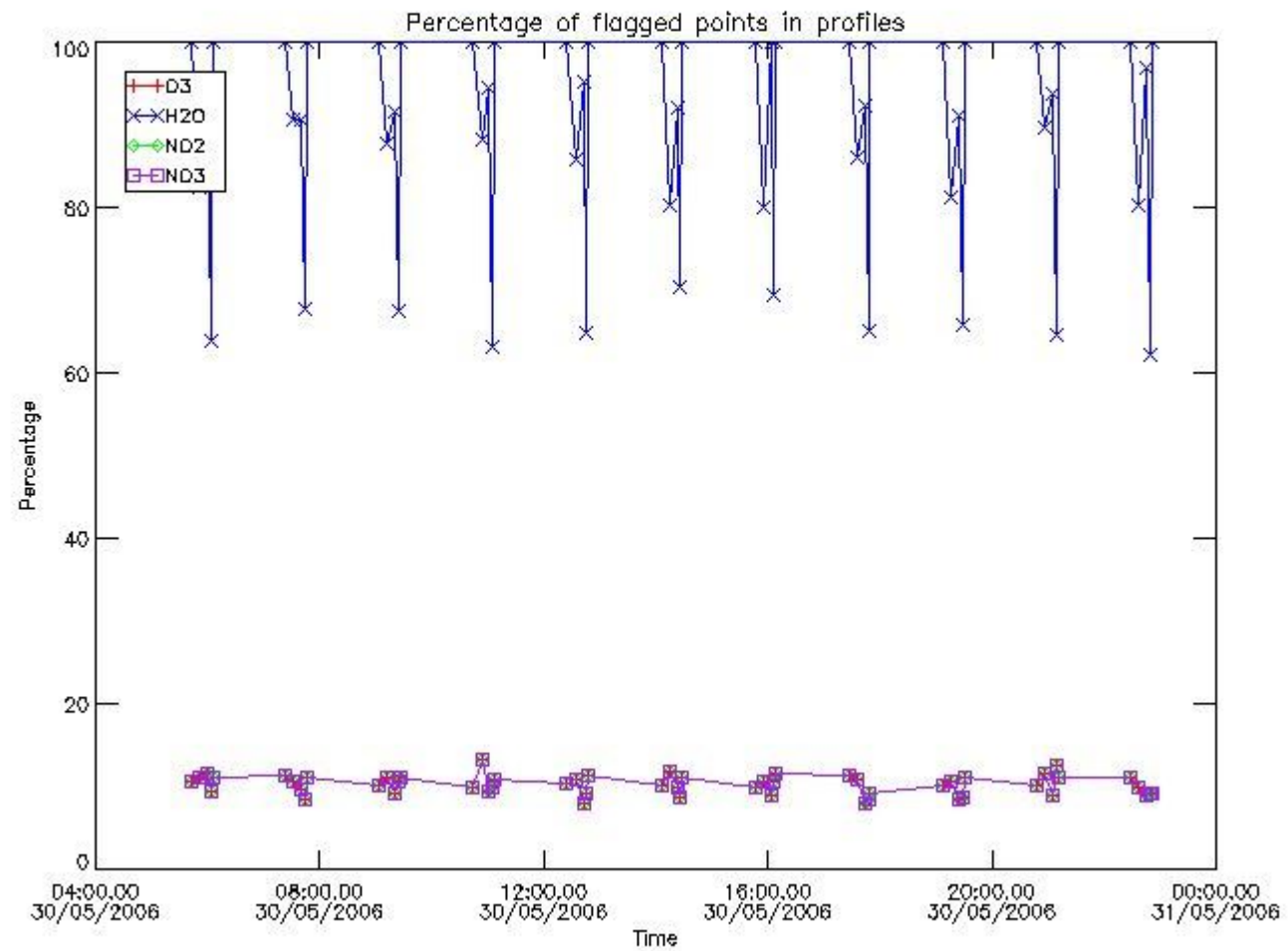
161	GOM_NL__2PRFIN20060530_180926_000000442048_00113_22211_0379.N1	30-MAY-2006 18:09:26	Bright	43.500	136	23Tau Sco	2.8220	30000.	87	22211	No
162	GOM_NL__2PRFIN20060530_181307_000000472048_00113_22211_0380.N1	30-MAY-2006 18:13:07	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22211	No
163	GOM_NL__2PRFIN20060530_181500_000000402048_00113_22211_0381.N1	30-MAY-2006 18:15:00	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22211	No
164	GOM_NL__2PRFIN20060530_181713_000000402048_00113_22211_0382.N1	30-MAY-2006 18:17:13	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22211	No
165	GOM_NL__2PRFIN20060530_182014_000000372048_00113_22211_0383.N1	30-MAY-2006 18:20:14	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22211	No
166	GOM_NL__2PRFIN20060530_182610_000000392048_00113_22211_0384.N1	30-MAY-2006 18:26:10	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	22211	No
167	GOM_NL__2PRFIN20060530_182858_000000432048_00113_22211_0385.N1	30-MAY-2006 18:28:58	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22211	No
168	GOM_NL__2PRFIN20060530_183649_000000562048_00113_22211_0386.N1	30-MAY-2006 18:36:49	Bright	56.000	119	14Eta Dra	2.7270	4700.0	112	22211	No
169	GOM_NL__2PRFIN20060530_184719_000000452048_00113_22211_0387.N1	30-MAY-2006 18:47:19	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	22211	No
170	GOM_NL__2PRFIN20060530_185210_000000552048_00113_22211_0388.N1	30-MAY-2006 18:52:10	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22211	No
171	GOM_NL__2PRFIN20060530_185951_000000442048_00113_22211_0389.N1	30-MAY-2006 18:59:51	Bright	43.500	53	43Bet And	2.0480	3300.0	87	22211	No
172	GOM_NL__2PRFIN20060530_190230_000000512048_00113_22211_0390.N1	30-MAY-2006 19:02:30	Twilight	50.500	58	21Alp And	2.0730	11000.	101	22211	No
173	GOM_NL__2PRFIN20060530_190721_000000512048_00113_22211_0391.N1	30-MAY-2006 19:07:21	Dark	50.500	140	88Gam Peg	2.8340	26000.	101	22211	No
174	GOM_NL__2PRFIN20060530_191618_000000492048_00113_22211_0392.N1	30-MAY-2006 19:16:18	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22211	No
175	GOM_NL__2PRFIN20060530_192448_000000672048_00113_22211_0393.N1	30-MAY-2006 19:24:48	Dark	67.000	18	24Alp PsA	1.1660	9700.0	134	22211	No
176	GOM_NL__2PRFIN20060530_192815_000000592048_00114_22212_0373.N1	30-MAY-2006 19:28:15	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	22212	No
177	GOM_NL__2PRFIN20060530_193005_000000462048_00114_22212_0374.N1	30-MAY-2006 19:30:05	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22212	No
178	GOM_NL__2PRFIN20060530_193509_000000422048_00114_22212_0375.N1	30-MAY-2006 19:35:09	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22212	No
179	GOM_NL__2PRFIN20060530_194422_000000462048_00114_22212_0376.N1	30-MAY-2006 19:44:22	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22212	No
180	GOM_NL__2PRFIN20060530_194610_000000492048_00114_22212_0377.N1	30-MAY-2006 19:46:10	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	22212	No
181	GOM_NL__2PRFIN20060530_194759_000000452048_00114_22212_0378.N1	30-MAY-2006 19:47:59	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22212	No
182	GOM_NL__2PRFIN20060530_195002_000000422048_00114_22212_0379.N1	30-MAY-2006 19:50:02	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22212	No
183	GOM_NL__2PRFIN20060530_195343_000000472048_00114_22212_0380.N1	30-MAY-2006 19:53:43	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22212	No
184	GOM_NL__2PRFIN20060530_195536_000000432048_00114_22212_0381.N1	30-MAY-2006 19:55:36	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	22212	No
185	GOM_NL__2PRFIN20060530_195749_000000402048_00114_22212_0382.N1	30-MAY-2006 19:57:49	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22212	No
186	GOM_NL__2PRFIN20060530_200050_000000372048_00114_22212_0383.N1	30-MAY-2006 20:00:50	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22212	No
187	GOM_NL__2PRFIN20060530_200646_000000382048_00114_22212_0384.N1	30-MAY-2006 20:06:46	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	22212	No
188	GOM_NL__2PRFIN20060530_200933_000000422048_00114_22212_0385.N1	30-MAY-2006 20:09:33	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	22212	No
189	GOM_NL__2PRFIN20060530_201725_000000392048_00114_22212_0386.N1	30-MAY-2006 20:17:25	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22212	No
190	GOM_NL__2PRFIN20060530_202755_000000482048_00114_22212_0387.N1	30-MAY-2006 20:27:55	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	22212	No
191	GOM_NL__2PRFIN20060530_203246_000000352048_00114_22212_0388.N1	30-MAY-2006 20:32:46	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22212	No
192	GOM_NL__2PRFIN20060530_204027_000000432048_00114_22212_0389.N1	30-MAY-2006 20:40:27	Bright	42.500	53	43Bet And	2.0480	3300.0	85	22212	No
193	GOM_NL__2PRFIN20060530_204306_000000532048_00114_22212_0390.N1	30-MAY-2006 20:43:06	Twilight	53.000	58	21Alp And	2.0730	11000.	106	22212	No
194	GOM_NL__2PRFIN20060530_204757_000000502048_00114_22212_0391.N1	30-MAY-2006 20:47:57	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	22212	No
195	GOM_NL__2PRFIN20060530_205655_000000442048_00114_22212_0392.N1	30-MAY-2006 20:56:55	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	22212	No
196	GOM_NL__2PRFIN20060530_210525_000000642048_00114_22212_0393.N1	30-MAY-2006 21:05:25	Dark	63.500	18	24Alp PsA	1.1660	9700.0	127	22212	No
197	GOM_NL__2PRFIN20060530_210851_000000572048_00115_22213_0373.N1	30-MAY-2006 21:08:51	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	22213	No
198	GOM_NL__2PRFIN20060530_211042_000000462048_00115_22213_0374.N1	30-MAY-2006 21:10:42	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22213	No
199	GOM_NL__2PRFIN20060530_211545_000000422048_00115_22213_0375.N1	30-MAY-2006 21:15:45	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22213	No
200	GOM_NL__2PRFIN20060530_212458_000000472048_00115_22213_0376.N1	30-MAY-2006 21:24:58	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22213	No
201	GOM_NL__2PRFIN20060530_212646_000000492048_00115_22213_0377.N1	30-MAY-2006 21:26:46	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	22213	No
202	GOM_NL__2PRFIN20060530_212835_000000472048_00115_22213_0378.N1	30-MAY-2006 21:28:35	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	22213	No
203	GOM_NL__2PRFIN20060530_213038_000000432048_00115_22213_0379.N1	30-MAY-2006 21:30:38	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22213	No
204	GOM_NL__2PRFIN20060530_213419_000000472048_00115_22213_0380.N1	30-MAY-2006 21:34:19	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22213	No
205	GOM_NL__2PRFIN20060530_213612_000000412048_00115_22213_0381.N1	30-MAY-2006 21:36:12	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	22213	No
206	GOM_NL__2PRFIN20060530_213825_000000402048_00115_22213_0382.N1	30-MAY-2006 21:38:25	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22213	No
207	GOM_NL__2PRFIN20060530_214126_000000372048_00115_22213_0383.N1	30-MAY-2006 21:41:26	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	22213	No
208	GOM_NL__2PRFIN20060530_214722_000000392048_00115_22213_0384.N1	30-MAY-2006 21:47:22	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	22213	No
209	GOM_NL__2PRFIN20060530_215009_000000442048_00115_22213_0385.N1	30-MAY-2006 21:50:09	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	22213	No
210	GOM_NL__2PRFIN20060530_215801_000000362048_00115_22213_0386.N1	30-MAY-2006 21:58:01	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	22213	No
211	GOM_NL__2PRFIN20060530_220830_000000462048_00115_22213_0387.N1	30-MAY-2006 22:08:30	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22213	No
212	GOM_NL__2PRFIN20060530_221321_000000552048_00115_22213_0388.N1	30-MAY-2006 22:13:21	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22213	No
213	GOM_NL__2PRFIN20060530_222102_000000422048_00115_22213_0389.N1	30-MAY-2006 22:21:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	22213	No
214	GOM_NL__2PRFIN20060530_222343_000000522048_00115_22213_0390.N1	30-MAY-2006 22:23:43	Twilight	52.000	58	21Alp And	2.0730	11000.	104	22213	No
215	GOM_NL__2PRFIN20060530_222834_000000512048_00115_22213_0391.N1	30-MAY-2006 22:28:34	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	22213	No
216	GOM_NL__2PRFIN20060530_223731_000000512048_00115_22213_0392.N1	30-MAY-2006 22:37:31	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	22213	No
217	GOM_NL__2PRFIN20060530_224602_000000642048_00115_22213_0393.N1	30-MAY-2006 22:46:02	Dark	63.500	18	24Alp PsA	1.1660	9700.0	127	22213	No
218	GOM_NL__2PRFIN20060530_224928_000000562048_00116_22214_0373.N1	30-MAY-2006 22:49:28	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	22214	No
219	GOM_NL__2PRFIN20060530_225119_000000562048_00116_22214_0374.N1	30-MAY-2006 22:51:19	Dark	55.500	31	Alp Gru	1.7340	15200.	111	22214	No

220	GOM_NL__2PRFIN20060530_225622_000000422048_00116_22214_0375.N1	30-MAY-2006 22:56:22	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22214	No
221	GOM_NL__2PRFIN20060530_230534_000000472048_00116_22214_0376.N1	30-MAY-2006 23:05:34	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22214	No
222	GOM_NL__2PRFIN20060530_230723_000000482048_00116_22214_0377.N1	30-MAY-2006 23:07:23	Twilight_stray	48.000	25	35Lam Sco	1.6200	28000.	96	22214	No
223	GOM_NL__2PRFIN20060530_230911_000000442048_00116_22214_0378.N1	30-MAY-2006 23:09:11	Twilight_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	22214	No
224	GOM_NL__2PRFIN20060530_231114_000000422048_00116_22214_0379.N1	30-MAY-2006 23:11:14	Bright	41.500	136	23Tau Sco	2.8220	30000.	83	22214	No
225	GOM_NL__2PRFIN20060530_231455_000000472048_00116_22214_0380.N1	30-MAY-2006 23:14:55	Bright	46.500	86	35Eta Oph	2.4300	10200.	93	22214	No
226	GOM_NL__2PRFIN20060530_231648_000000422048_00116_22214_0381.N1	30-MAY-2006 23:16:48	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	22214	No
227	GOM_NL__2PRFIN20060530_231900_000000402048_00116_22214_0382.N1	30-MAY-2006 23:19:00	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	22214	No
228	GOM_NL__2PRFIN20060530_232201_000000462048_00116_22214_0383.N1	30-MAY-2006 23:22:01	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	22214	No
229	GOM_NL__2PRFIN20060530_232758_000000372048_00116_22214_0384.N1	30-MAY-2006 23:27:58	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	22214	No
230	GOM_NL__2PRFIN20060530_233044_000000422048_00116_22214_0385.N1	30-MAY-2006 23:30:44	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22214	No
231	GOM_NL__2PRFIN20060530_233836_000000392048_00116_22214_0386.N1	30-MAY-2006 23:38:36	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22214	No
232	GOM_NL__2PRFIN20060530_234905_000000692048_00116_22214_0387.N1	30-MAY-2006 23:49:05	Bright	69.000	89	5Alp Cep	2.4510	8000.0	138	22214	No
233	GOM_NL__2PRFIN20060530_235357_000000552048_00116_22214_0388.N1	30-MAY-2006 23:53:57	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	22214	No

3. Quality information per product

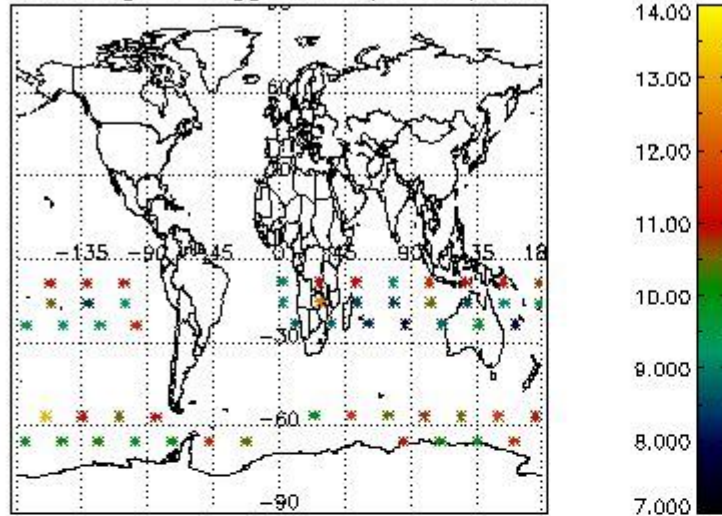
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

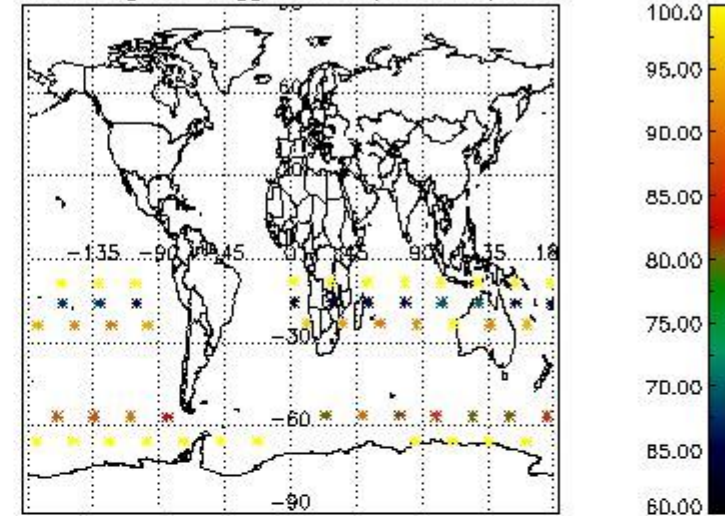


3.2 Plot quality information per product (world map)

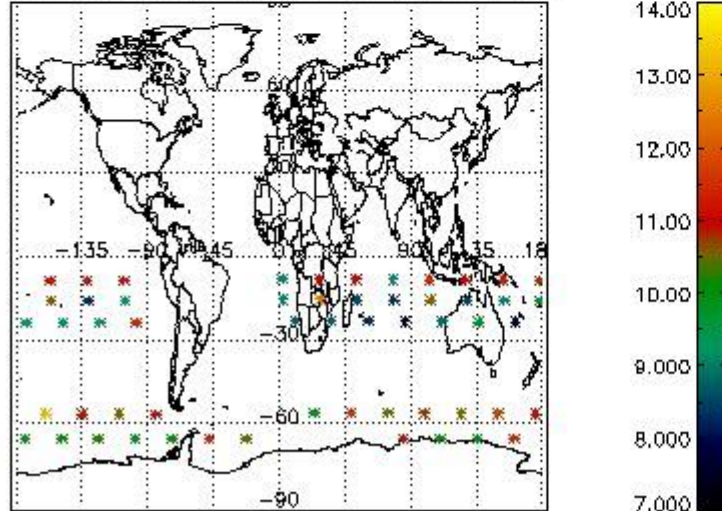
Percentage of flagged data per O3 profile



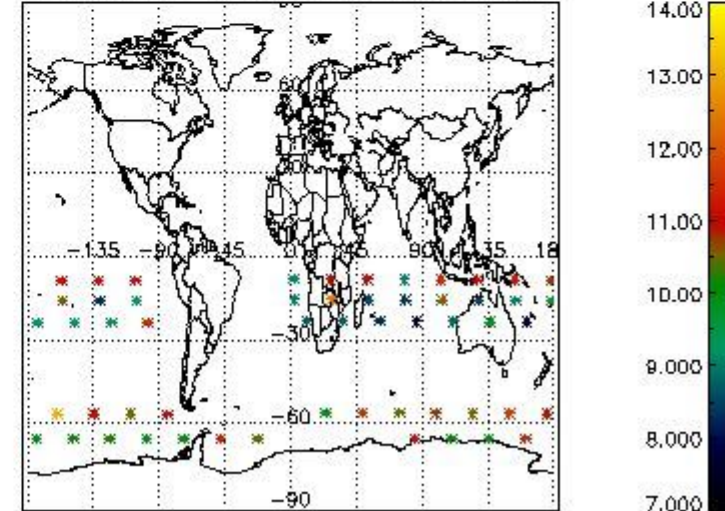
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

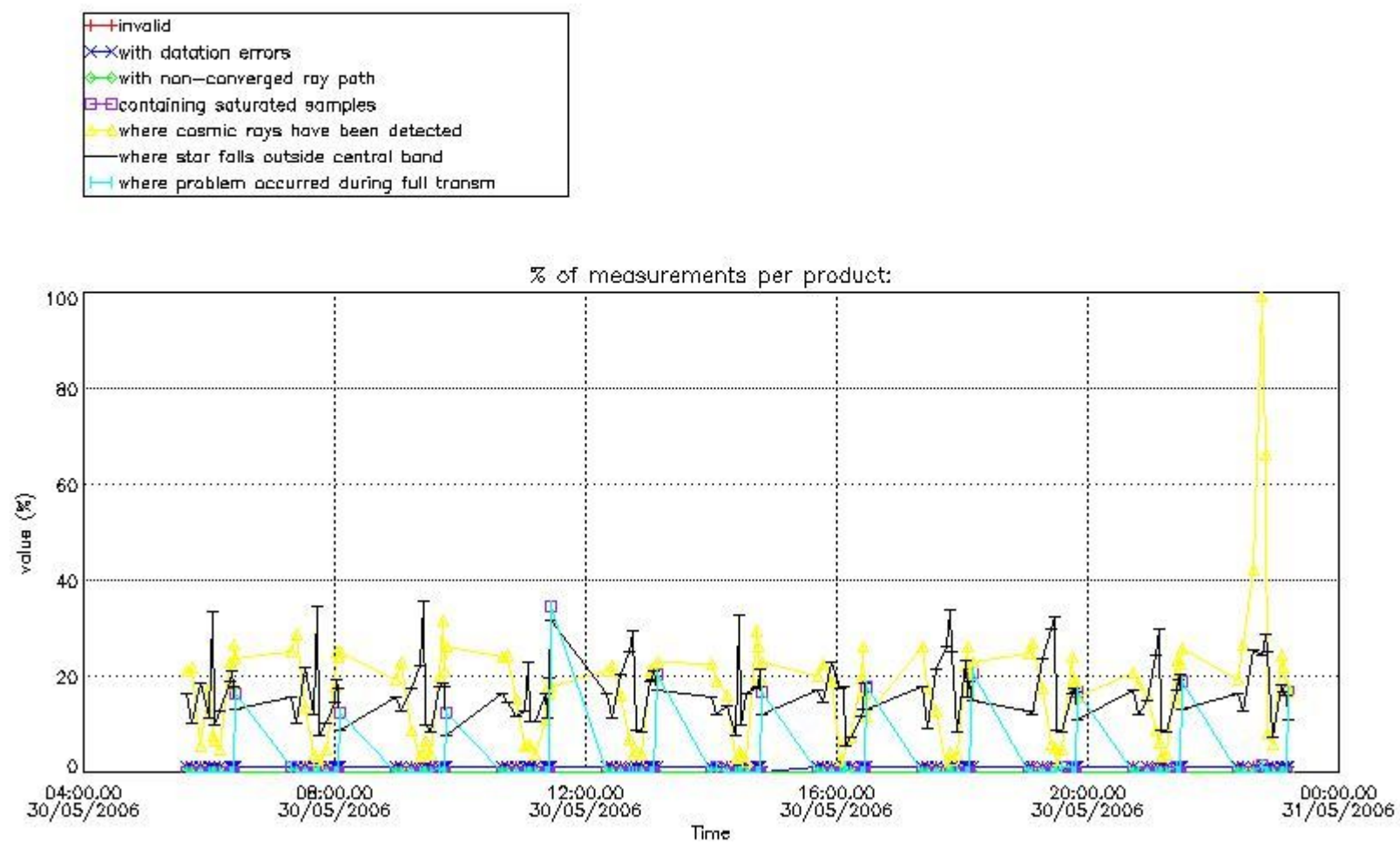


4. Level 1 quality information per product

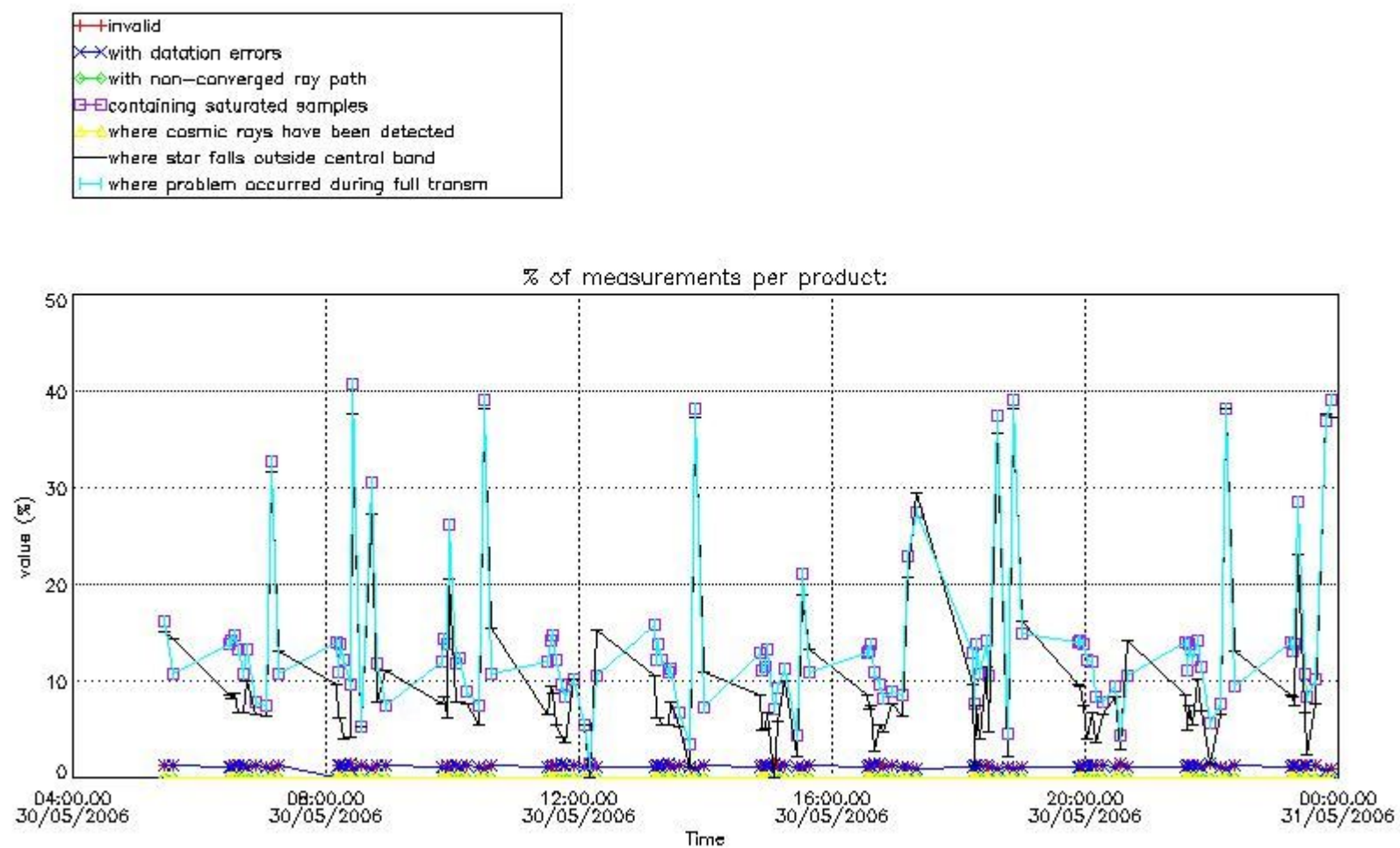
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

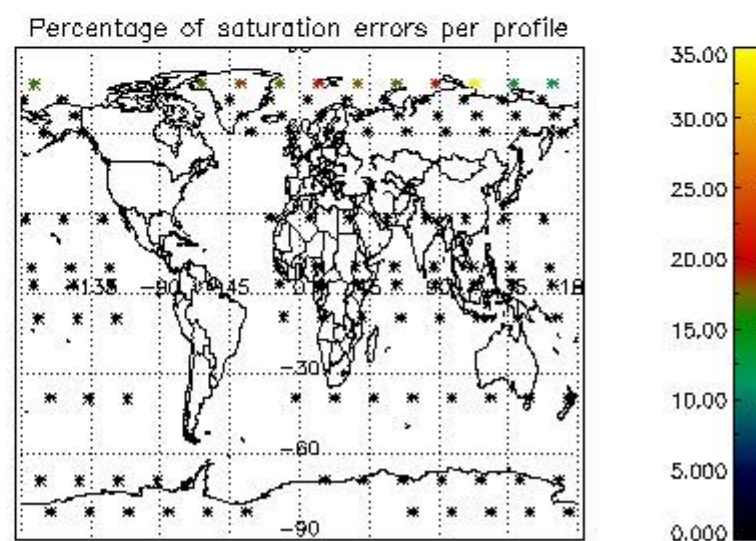
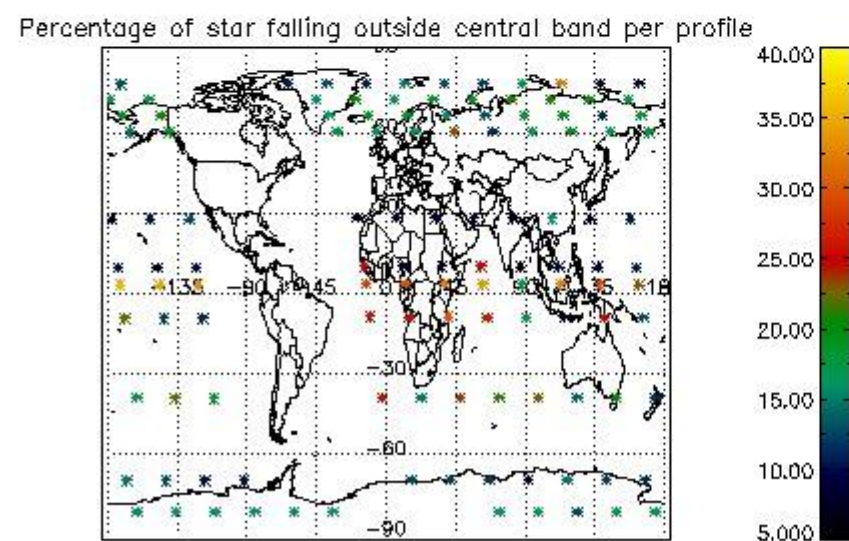
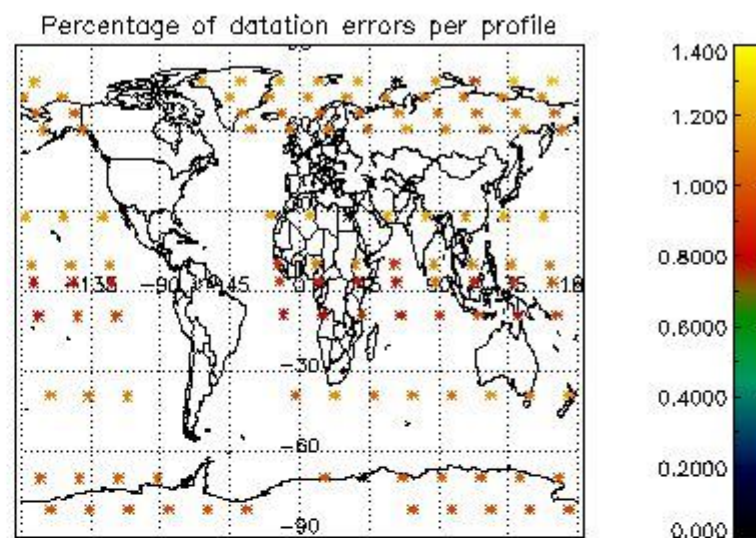
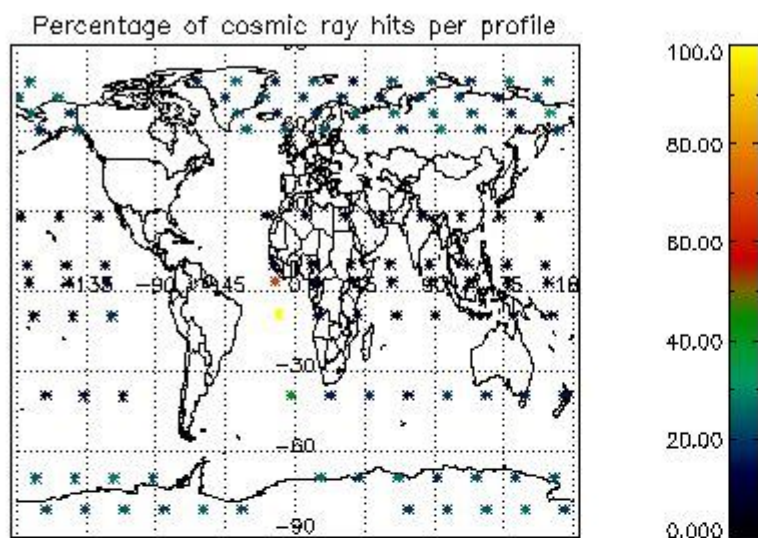


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

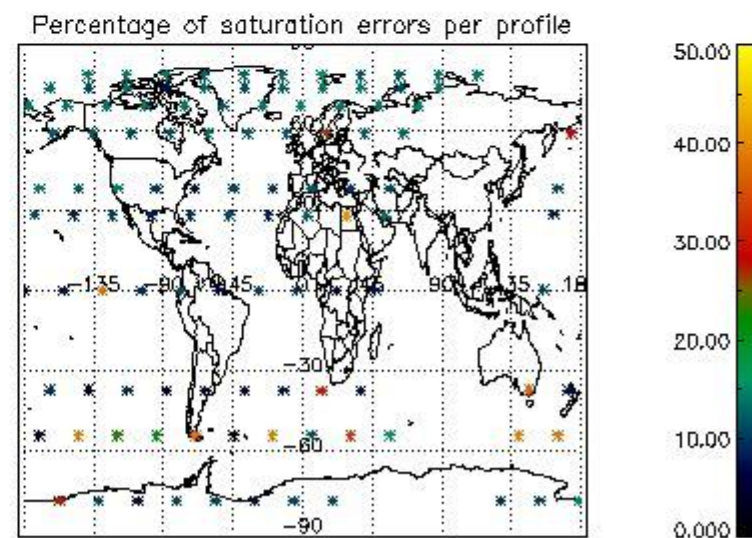
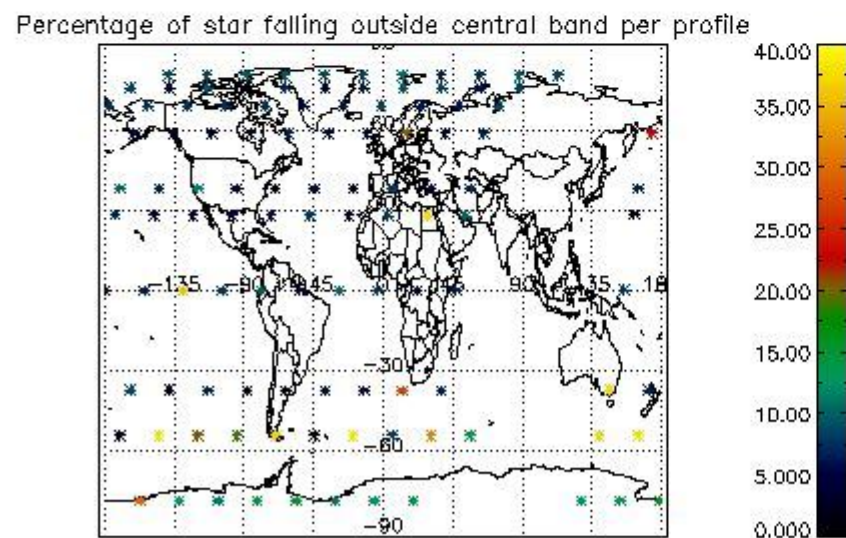
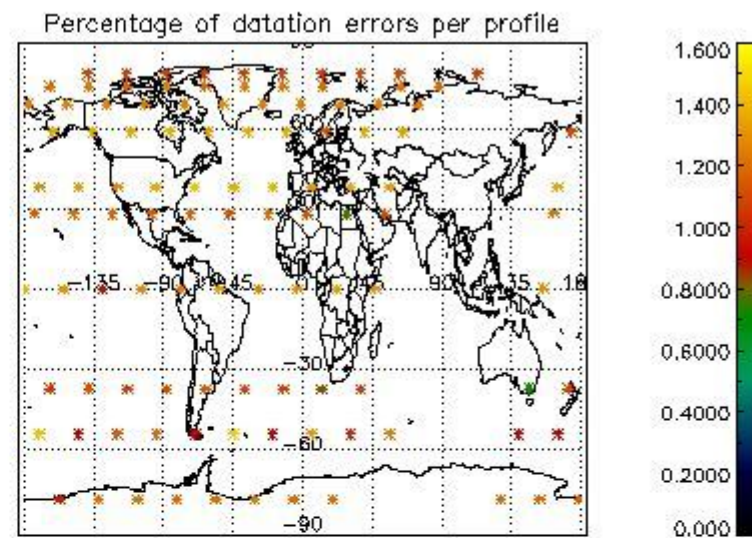
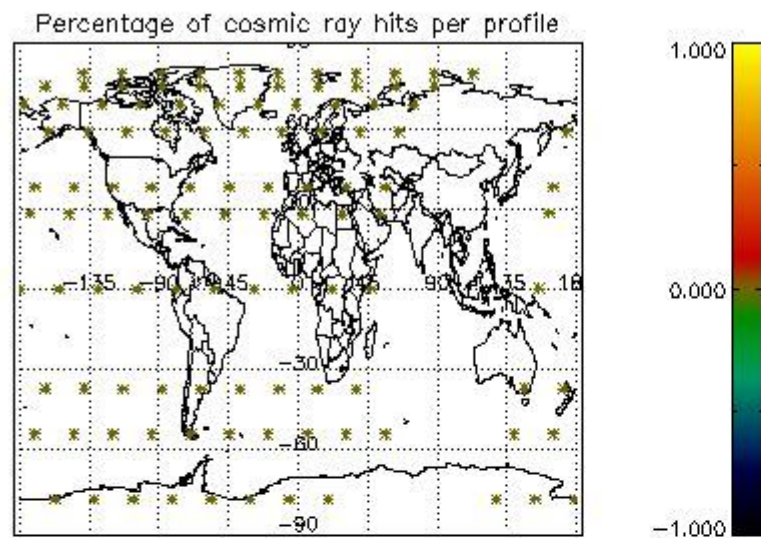


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

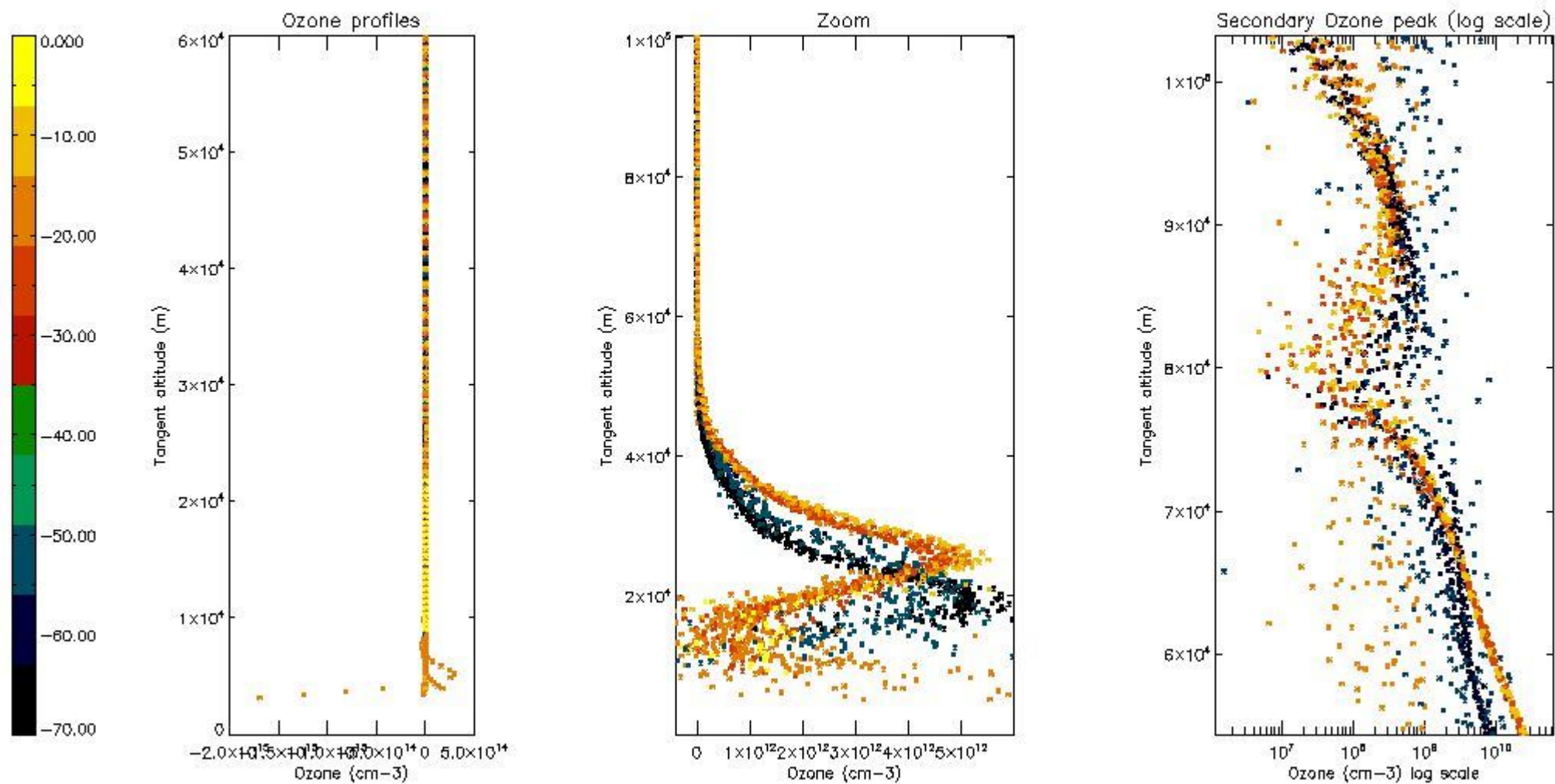
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	14

STD < 10	11
STD < 5	8

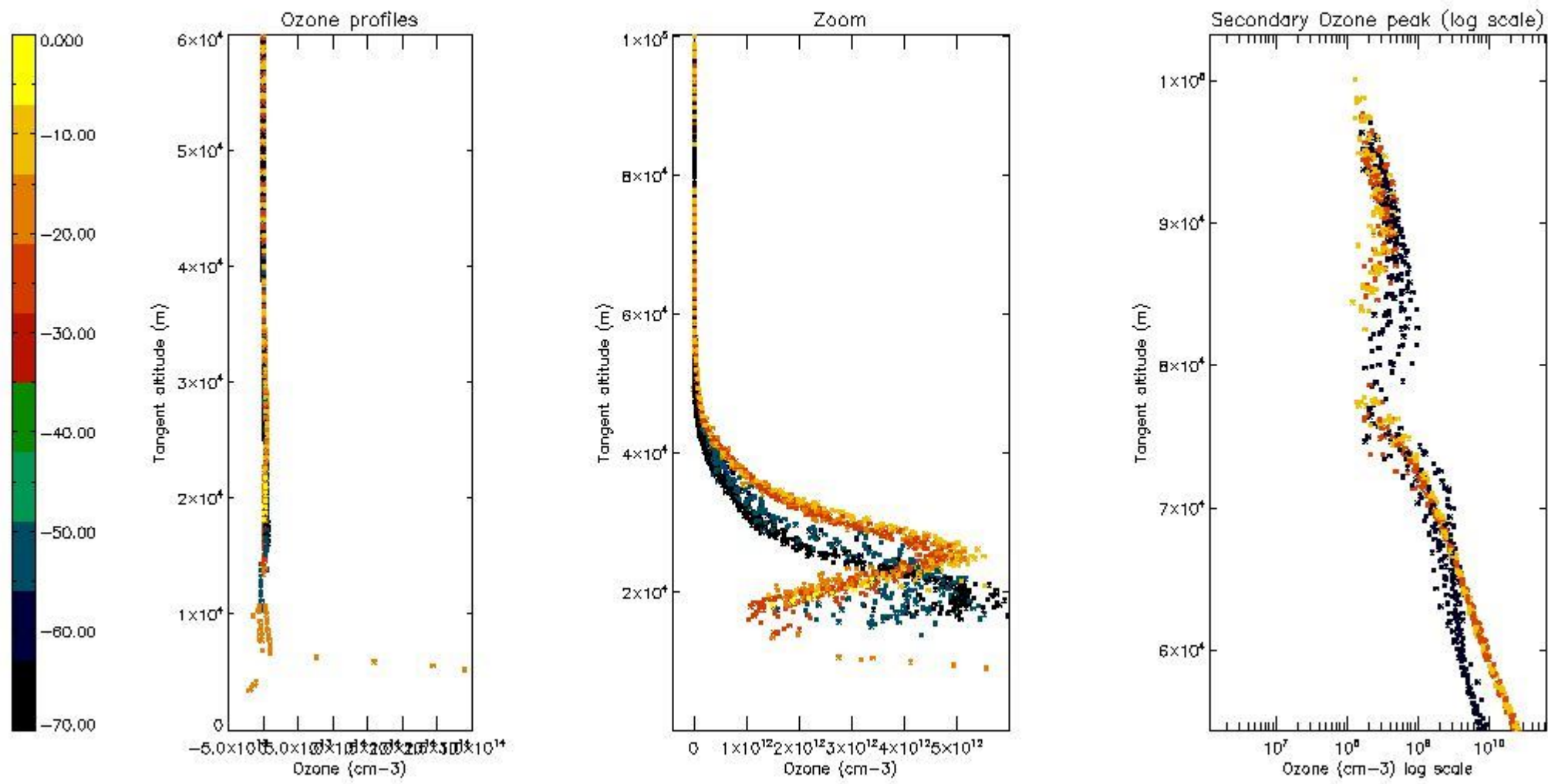
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



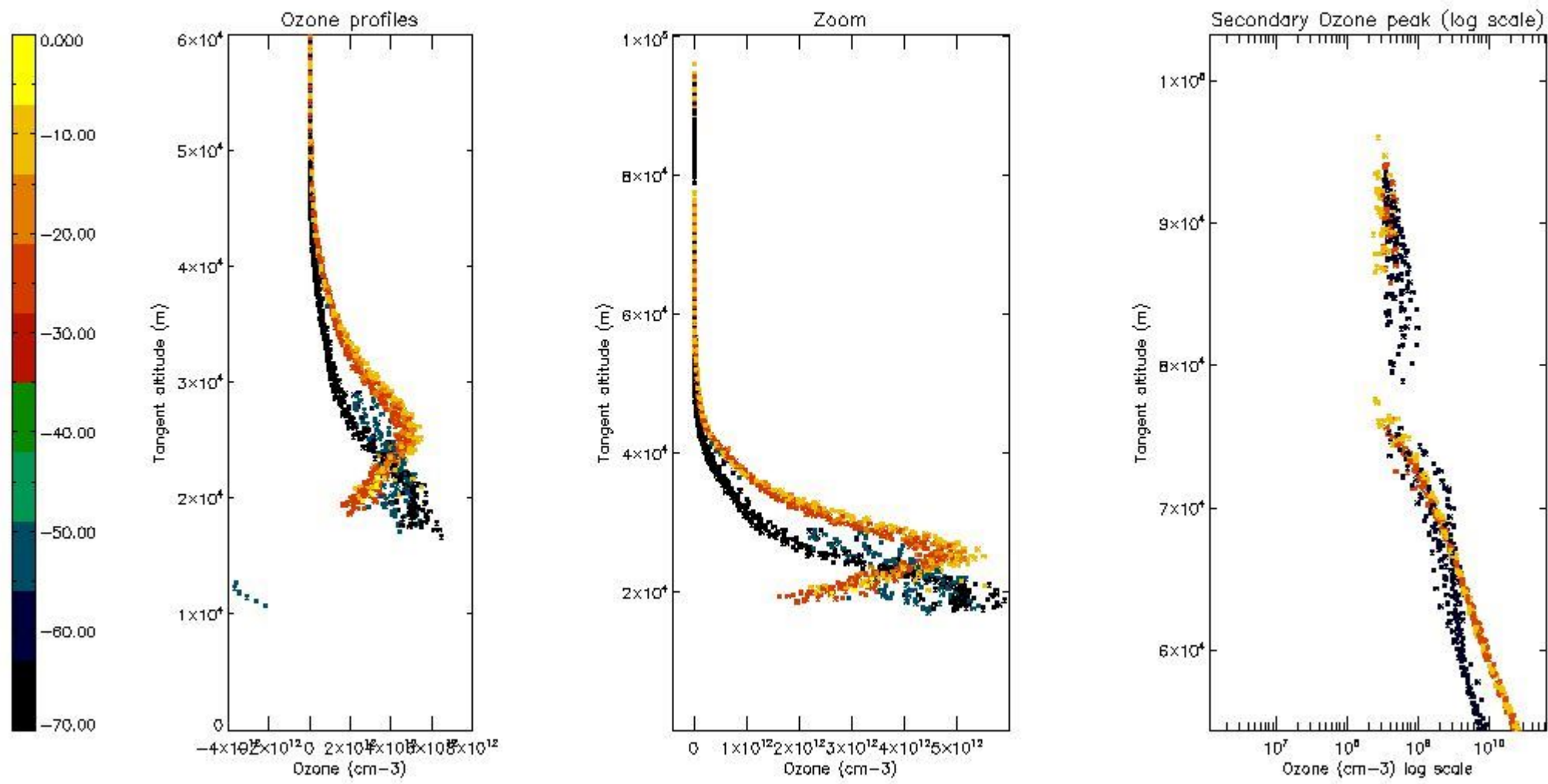
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



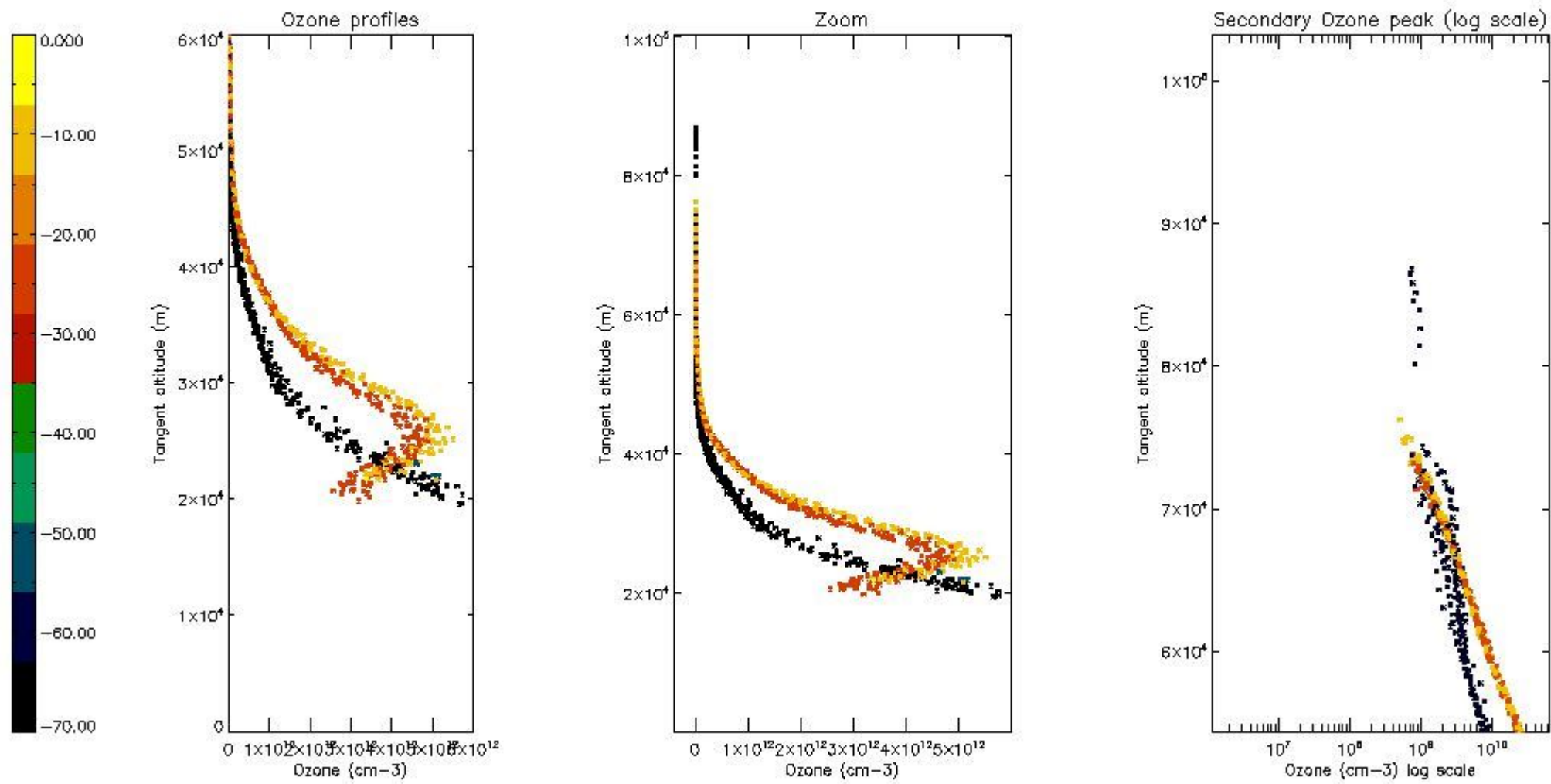
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



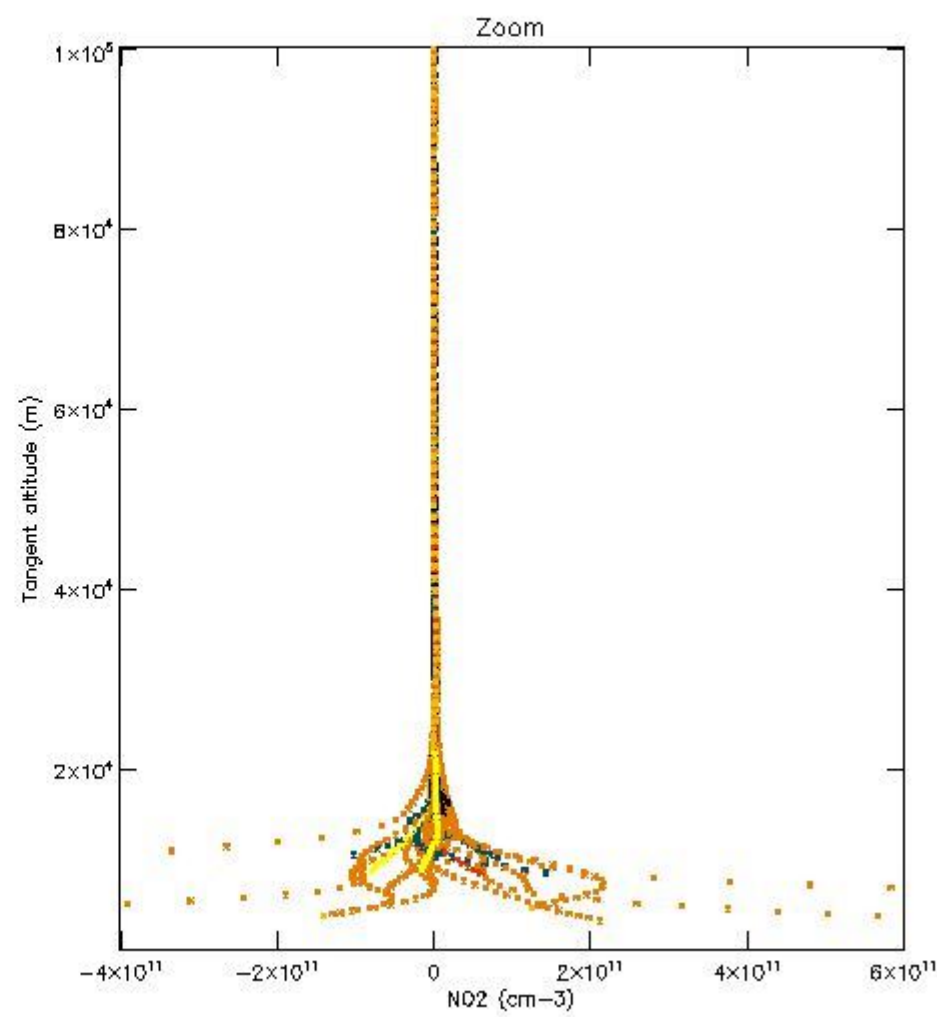
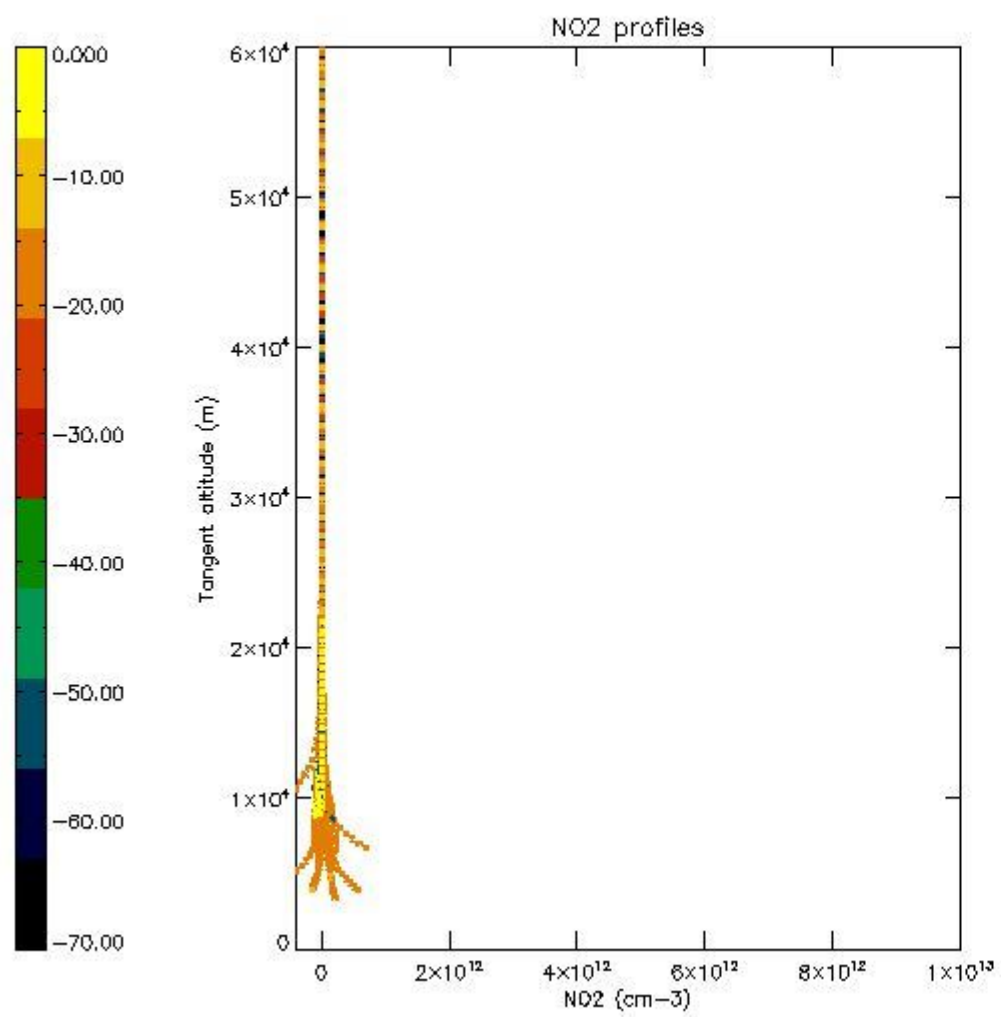
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



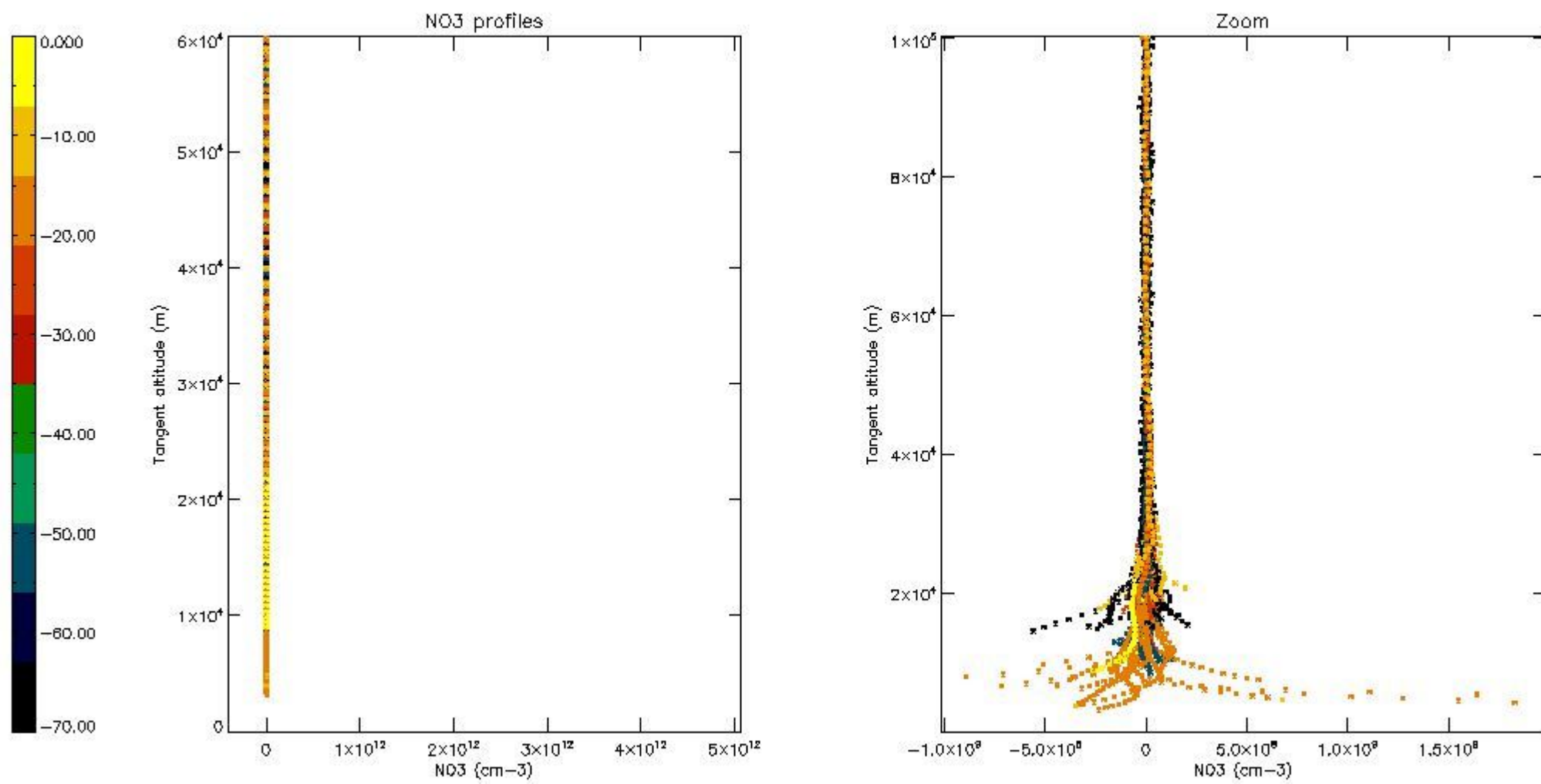
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



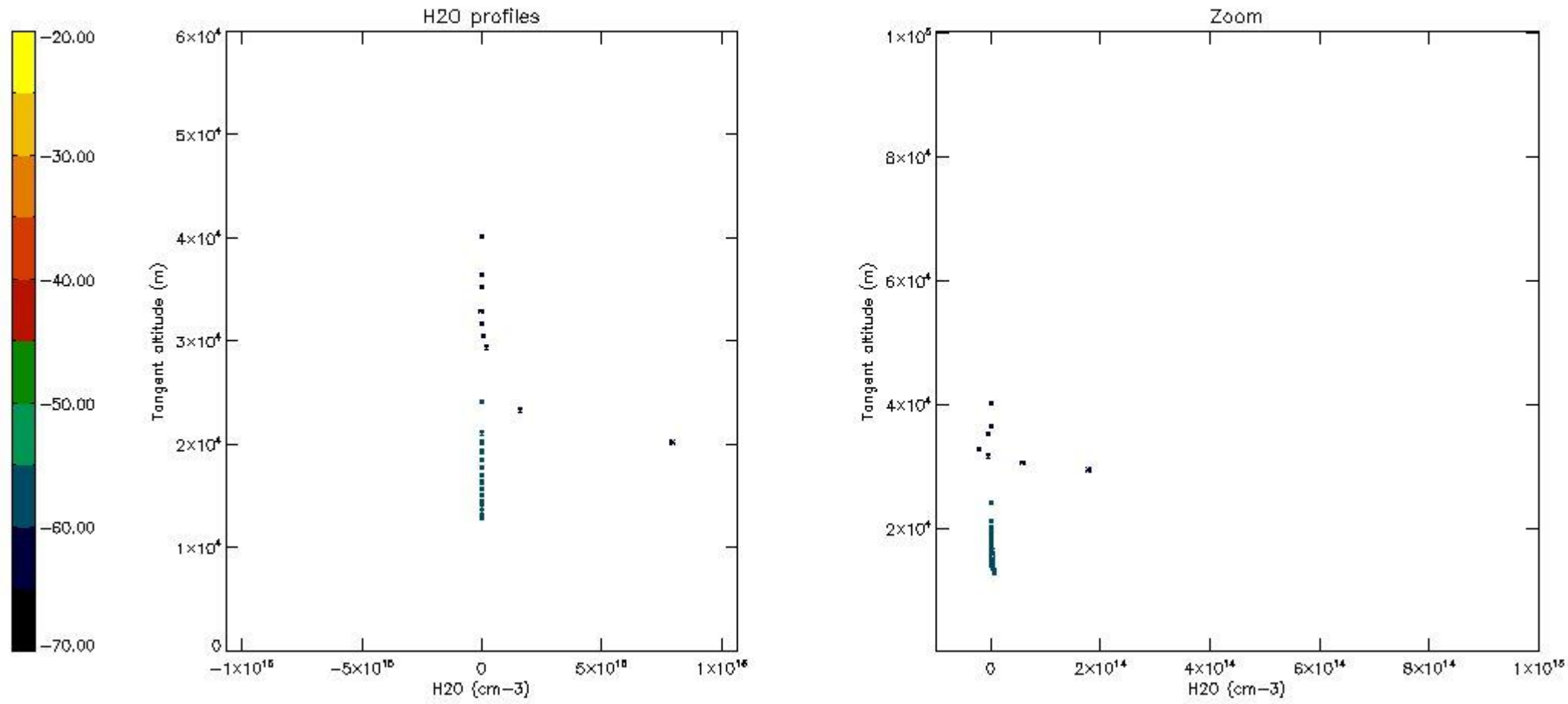
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

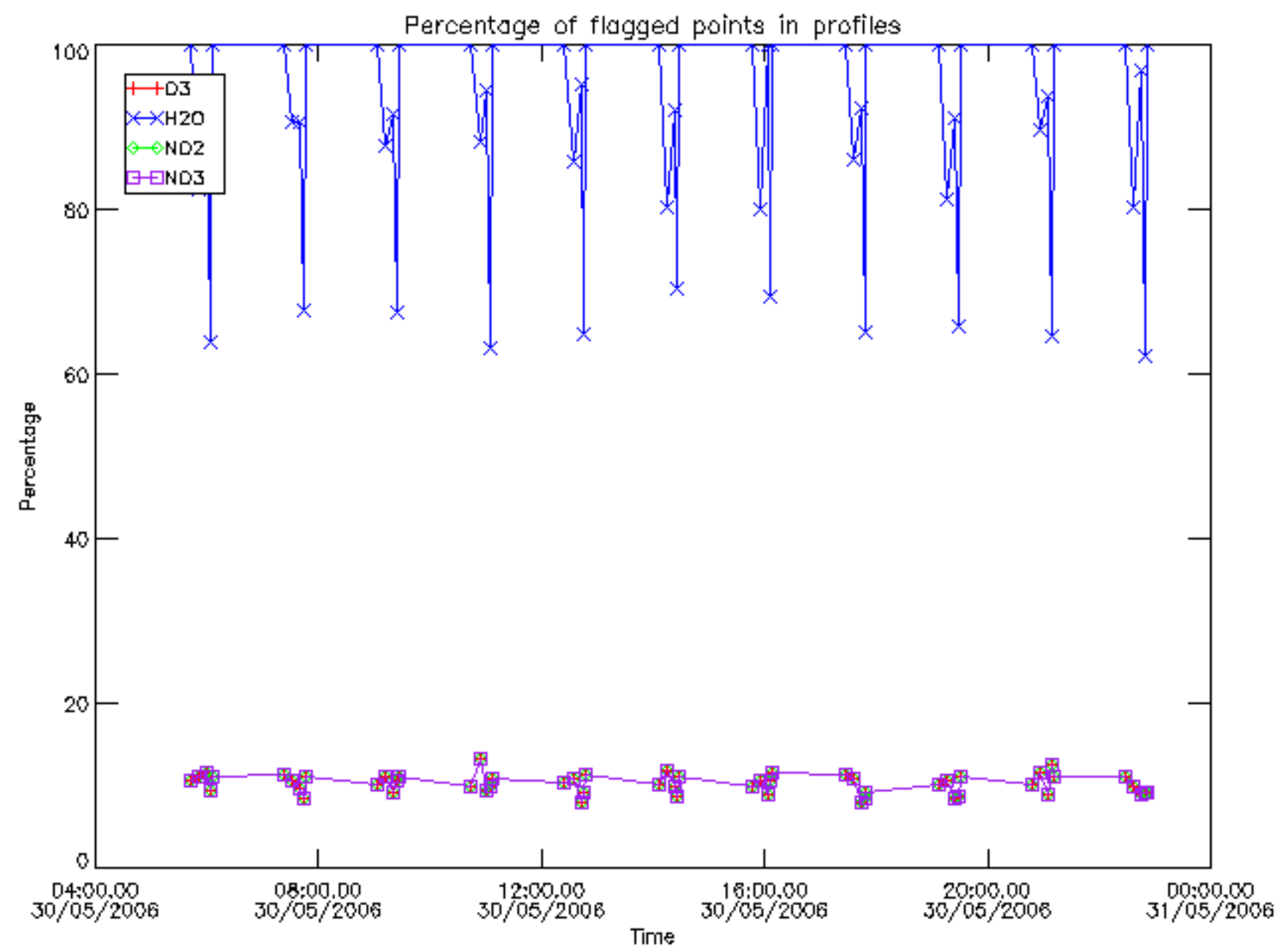
The colorbar represents the latitude.



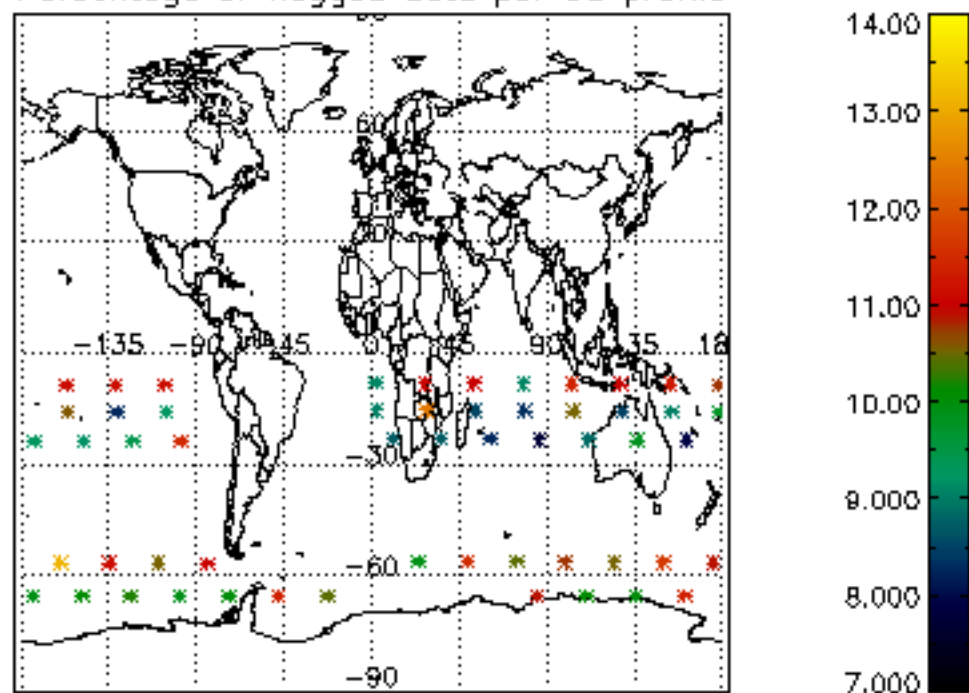
6. Auxiliary Data Files used for the production reported in section 2

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.

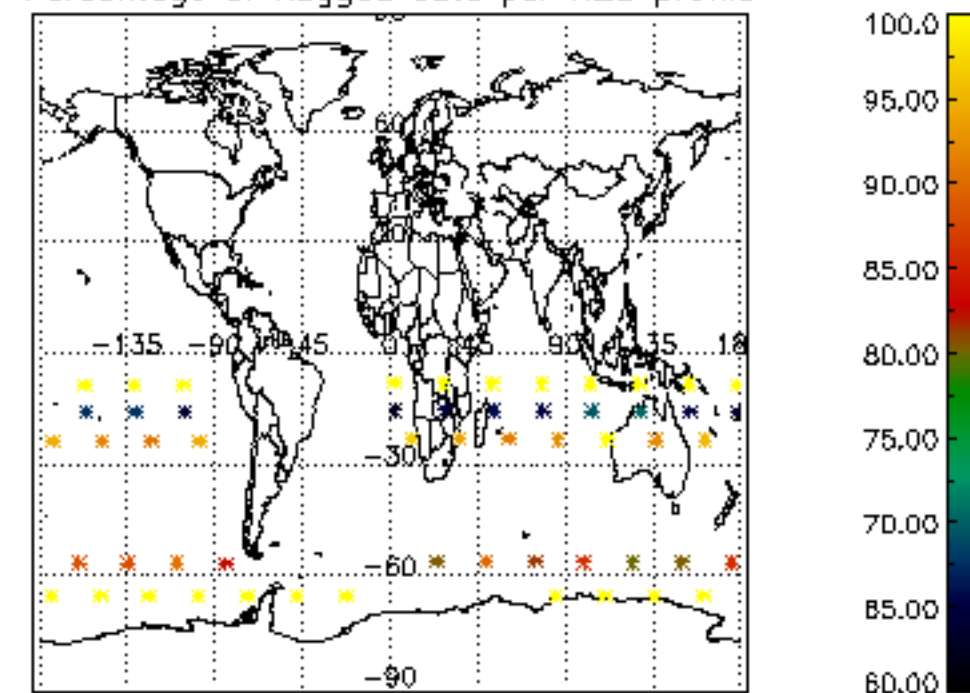
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-MAY-2006 05:22:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-MAY-2006 05:22:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-MAY-2006 05:22:37



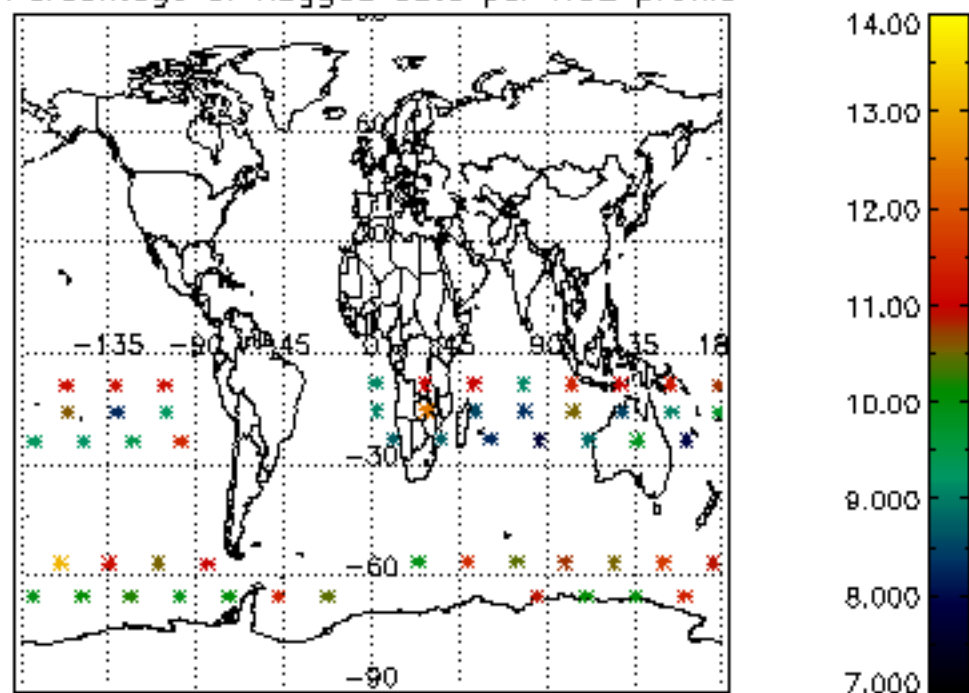
Percentage of flagged data per D3 profile



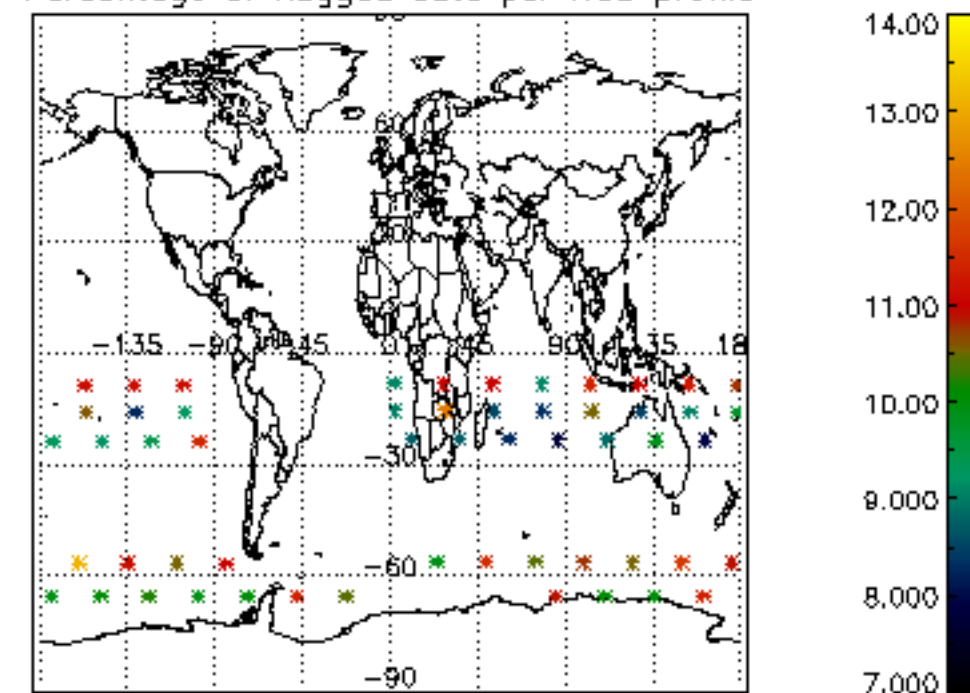
Percentage of flagged data per H2O profile

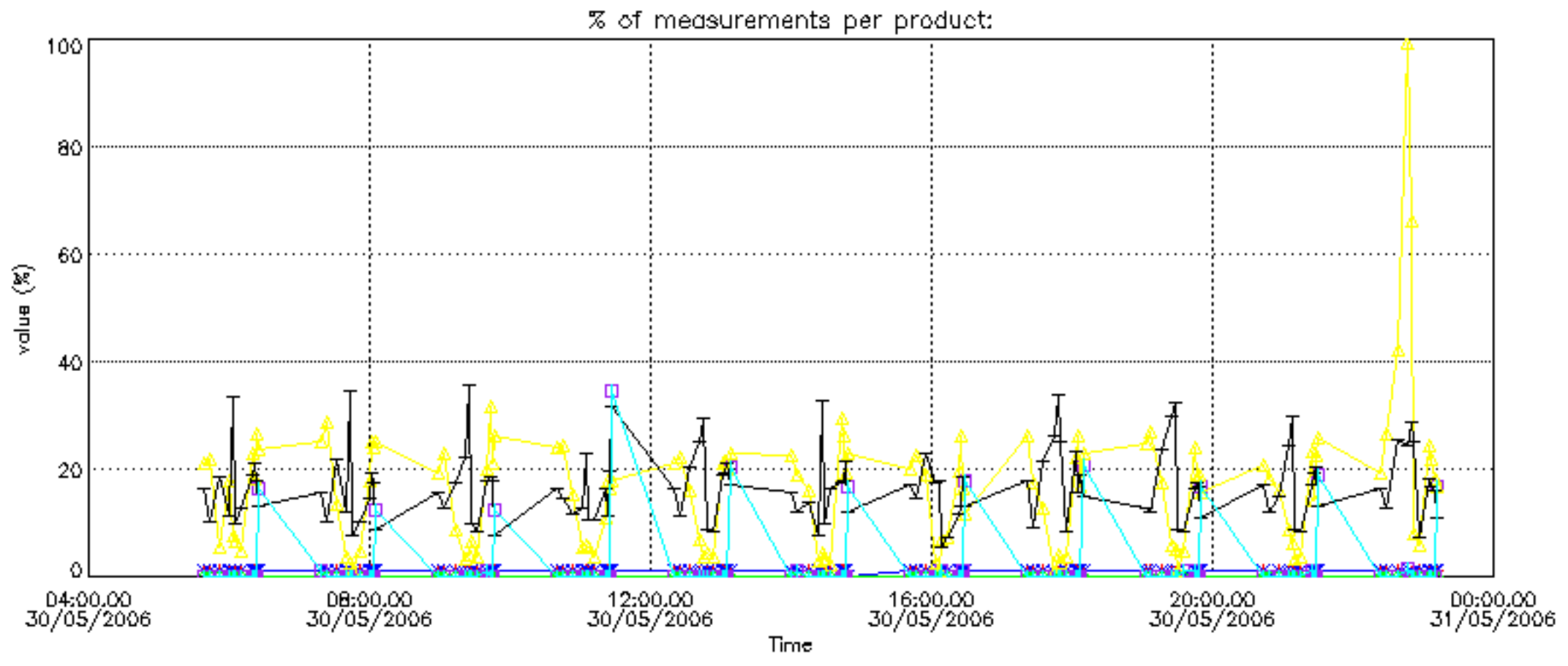


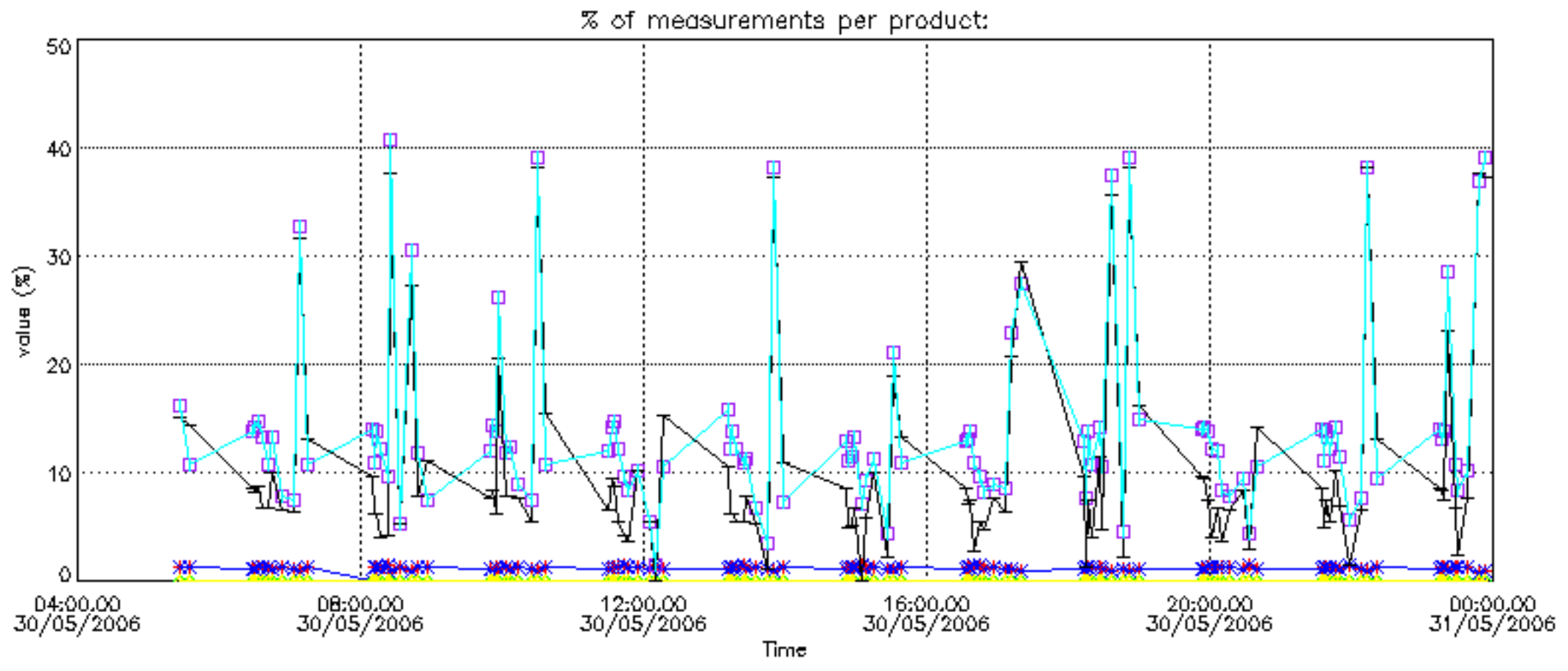
Percentage of flagged data per NO2 profile



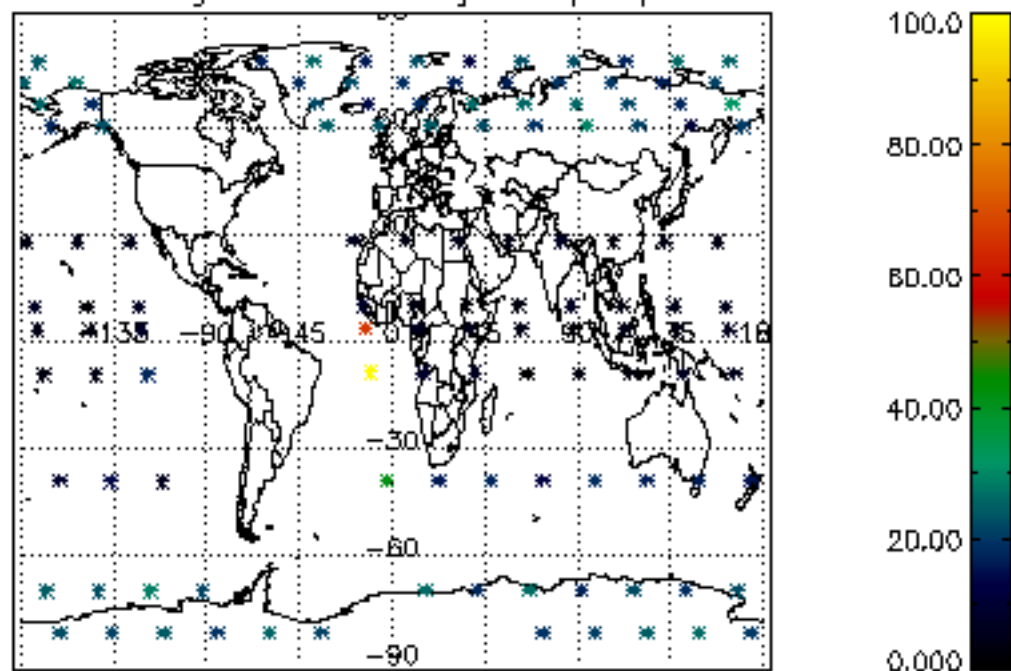
Percentage of flagged data per NO3 profile



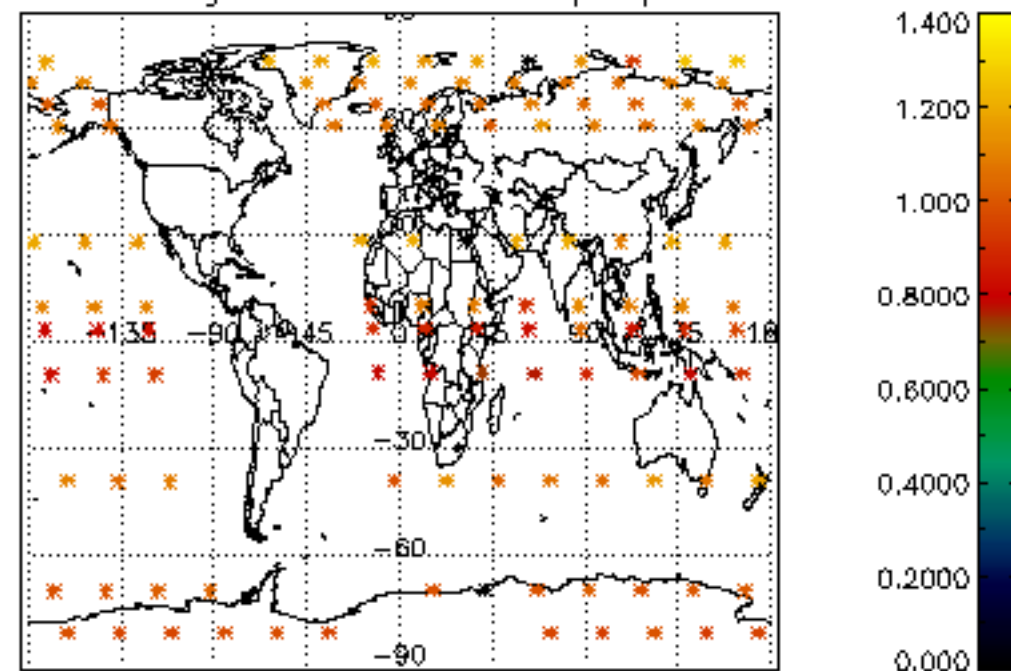




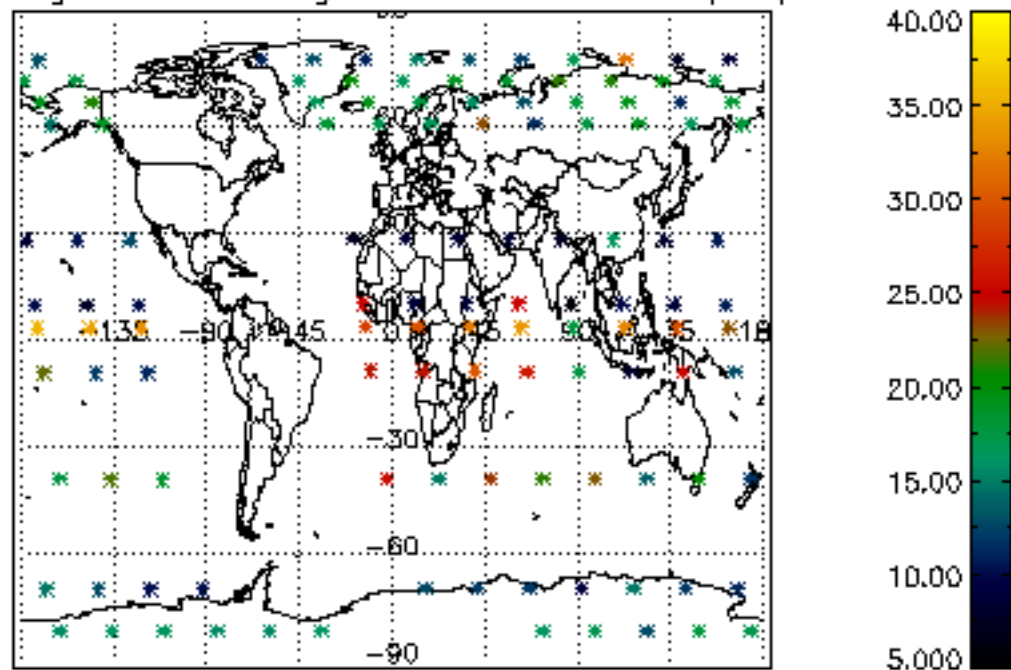
Percentage of cosmic ray hits per profile



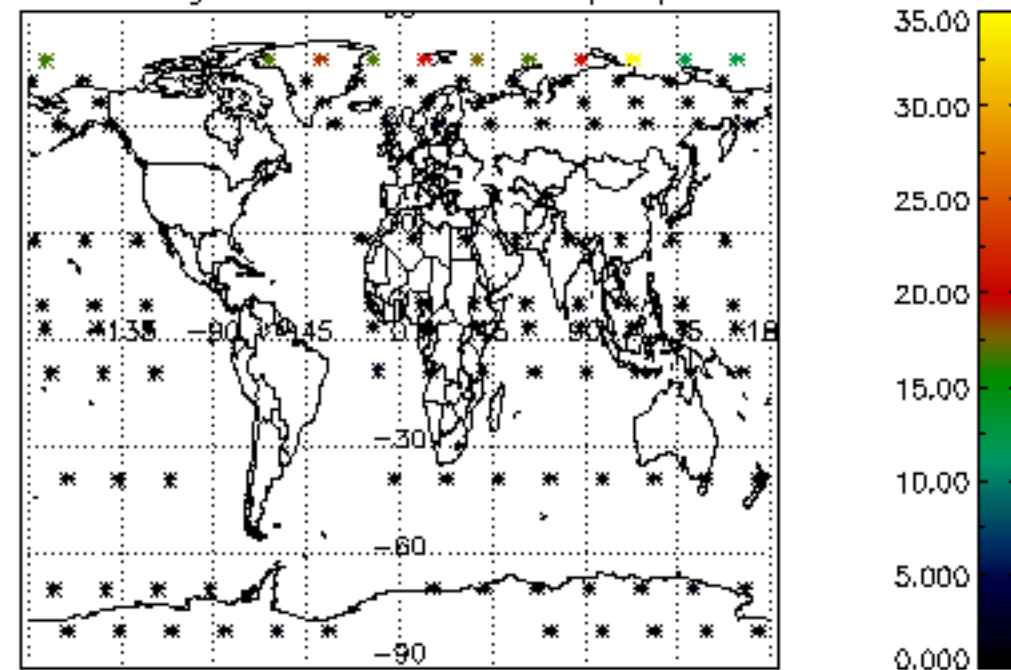
Percentage of datation errors per profile



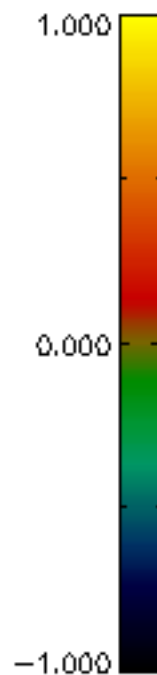
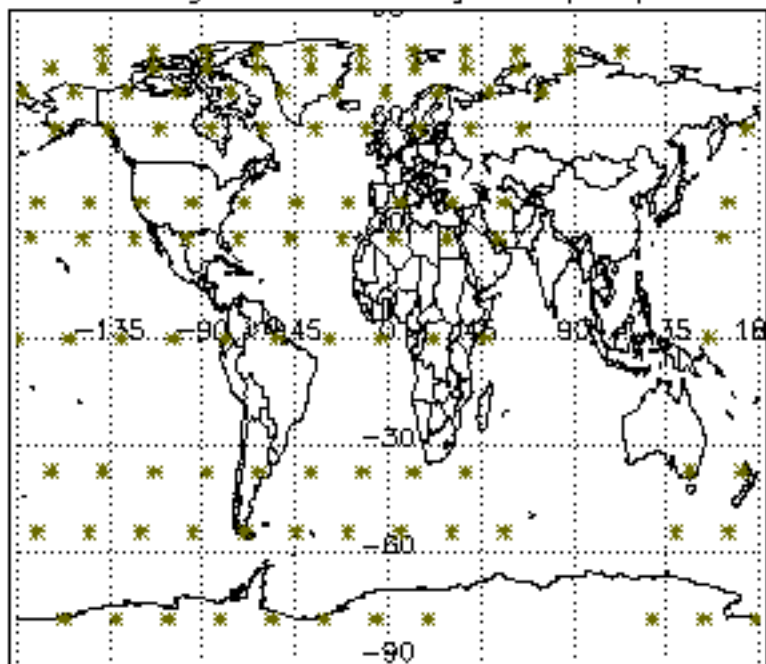
Percentage of star falling outside central band per profile



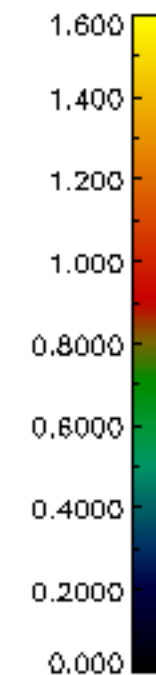
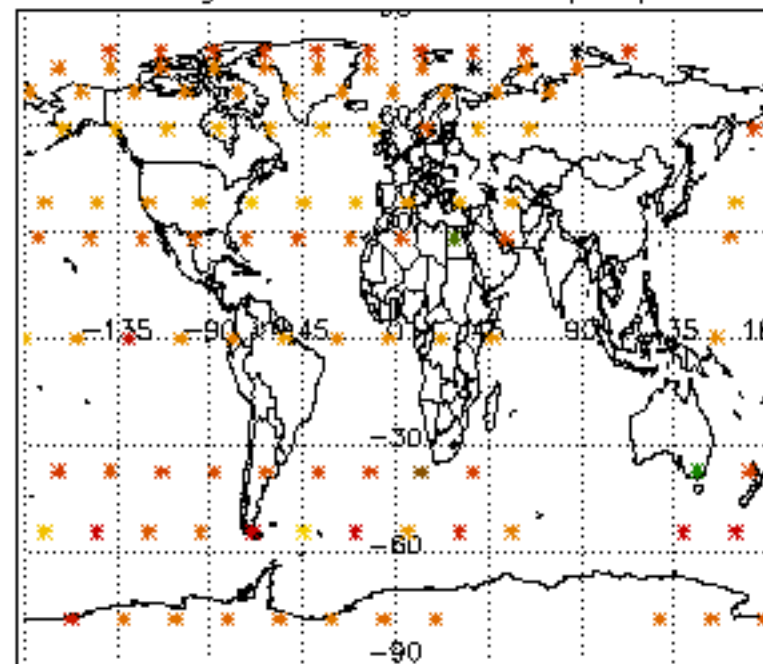
Percentage of saturation errors per profile



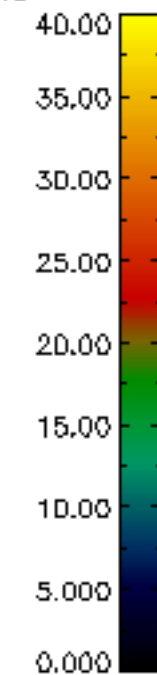
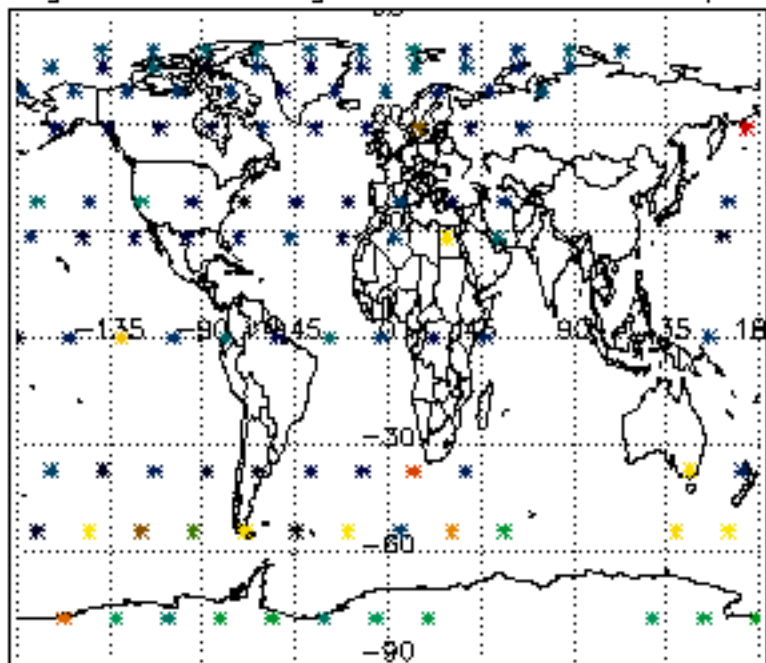
Percentage of cosmic ray hits per profile



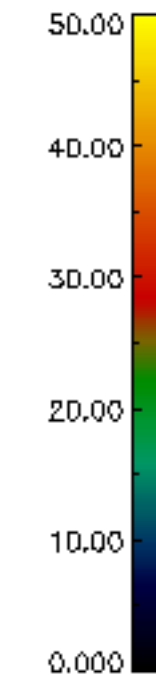
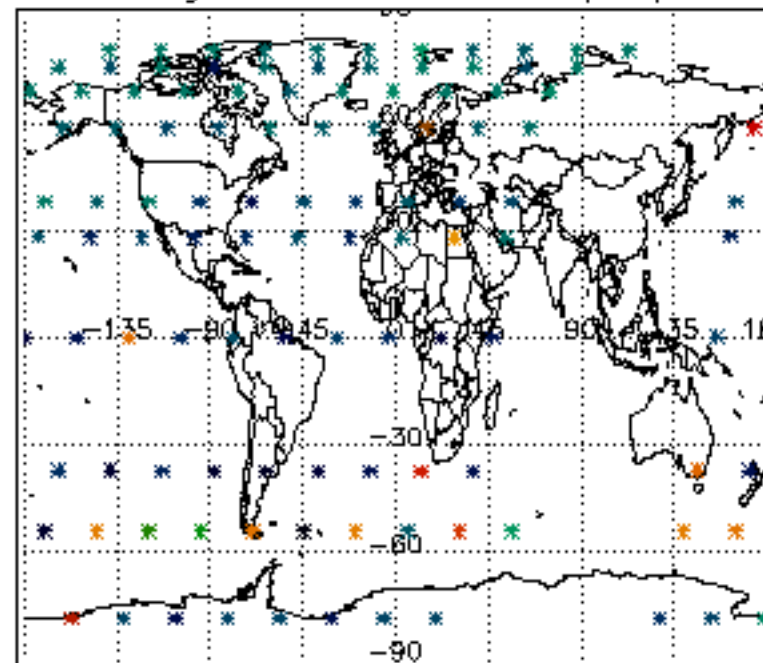
Percentage of datation errors per profile

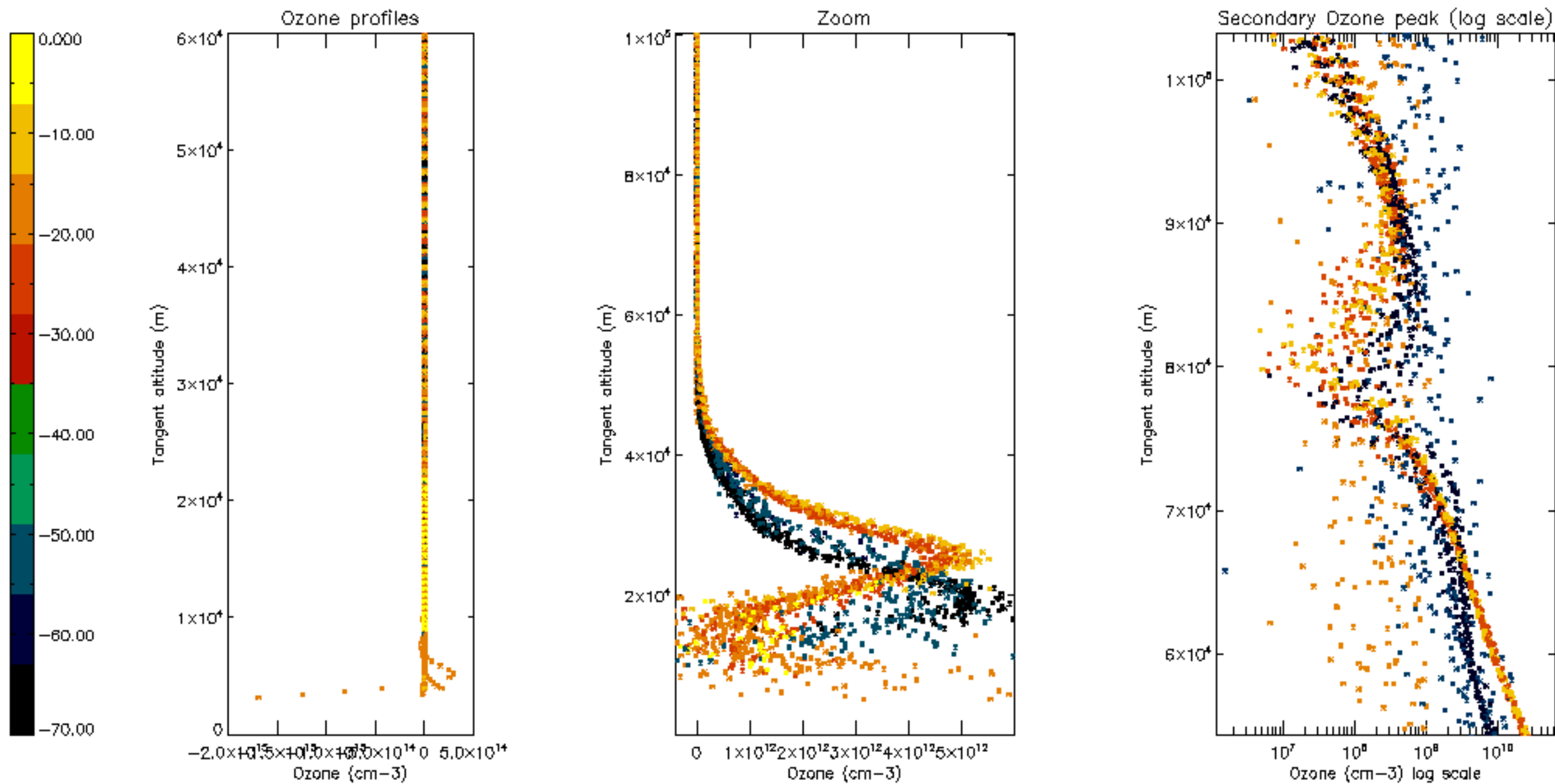


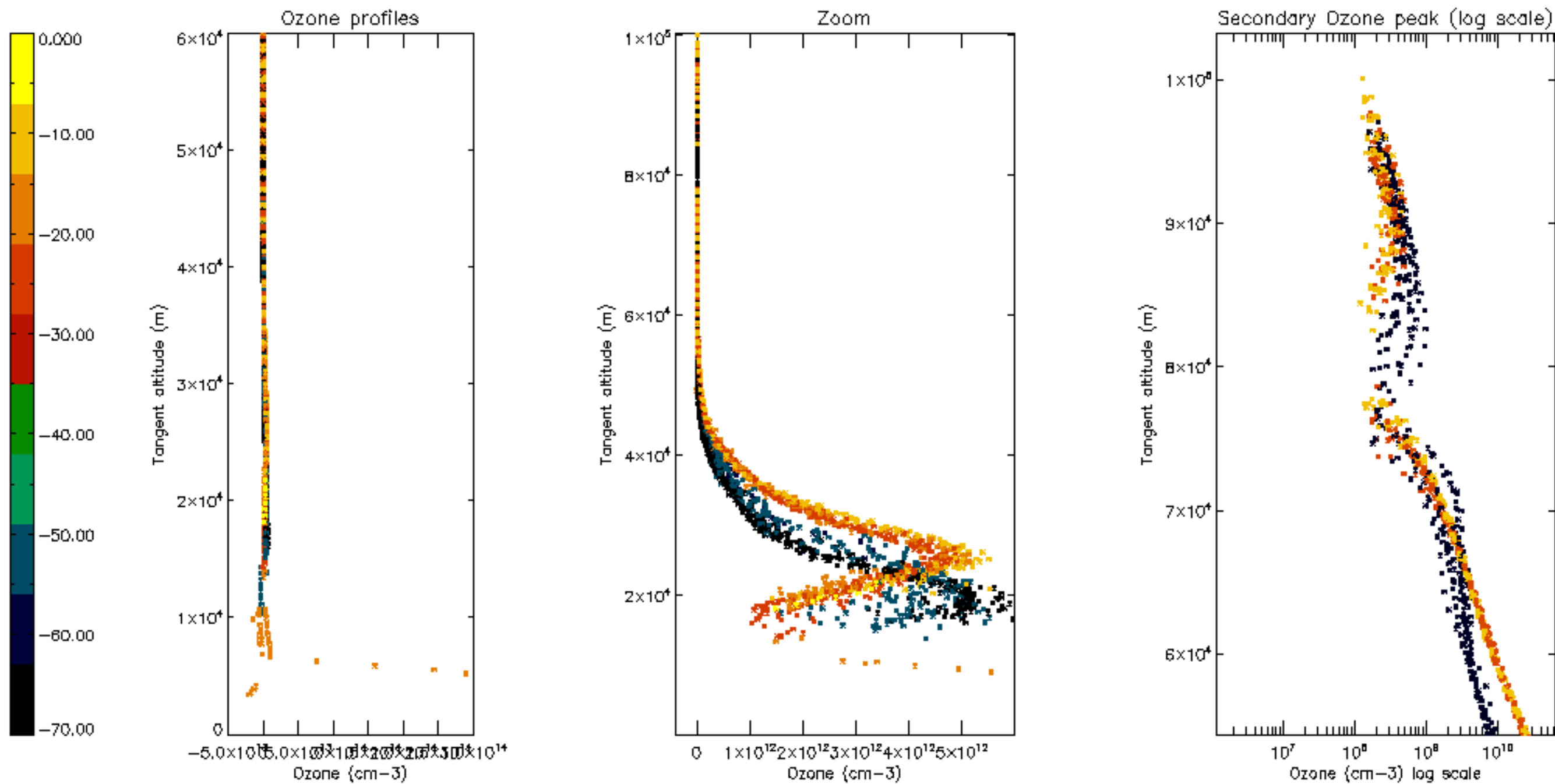
Percentage of star falling outside central band per profile

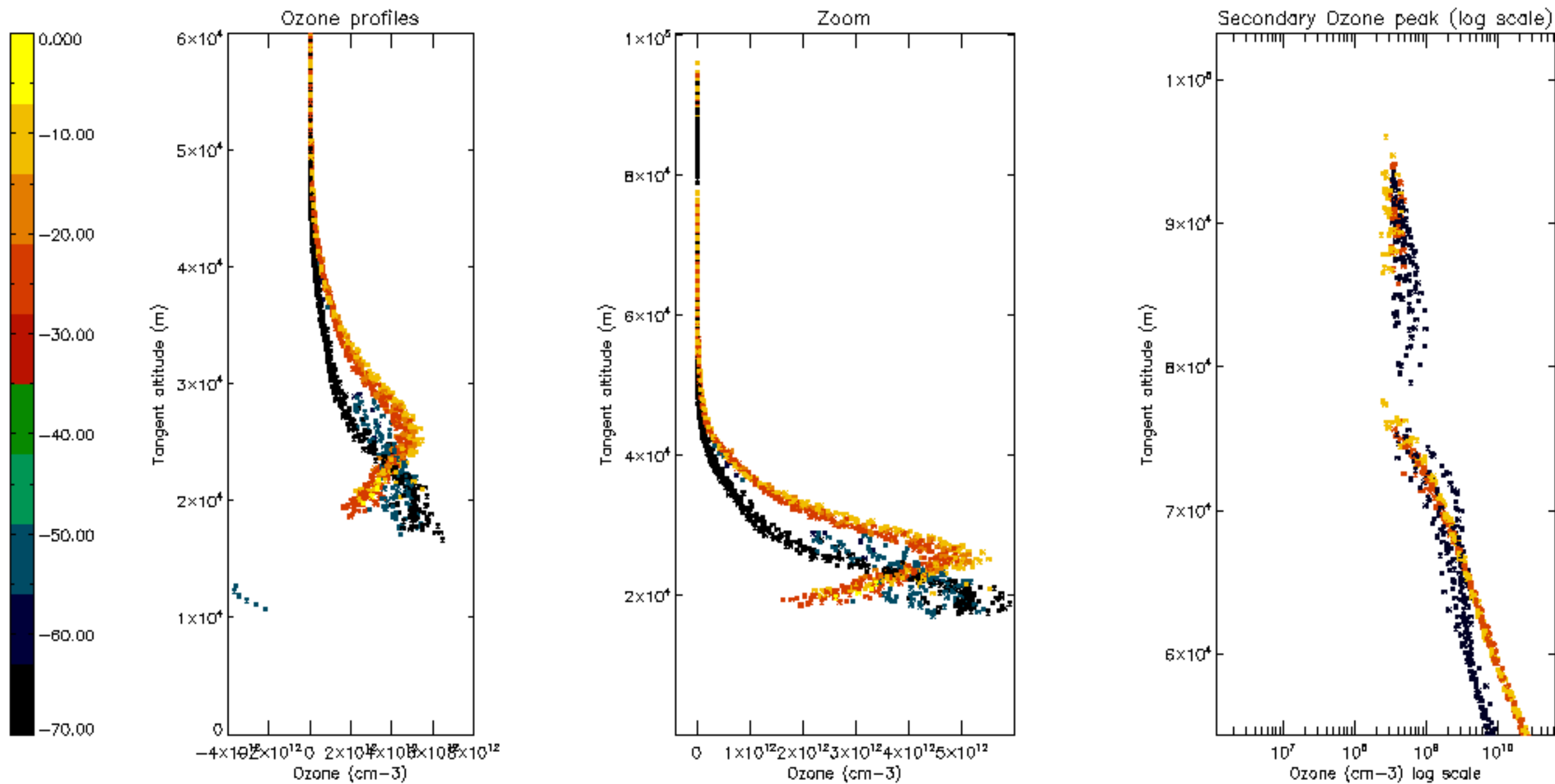


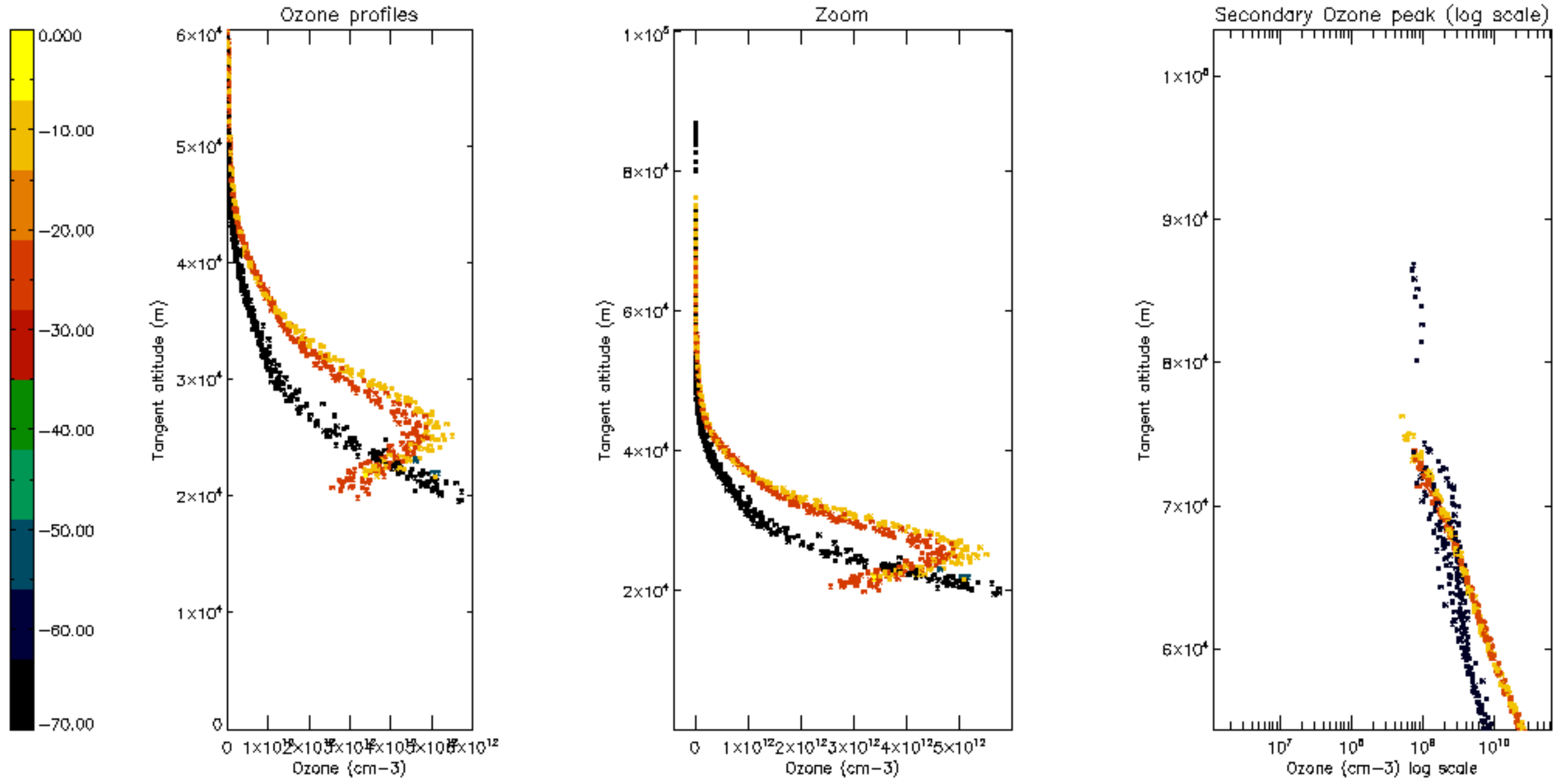
Percentage of saturation errors per profile

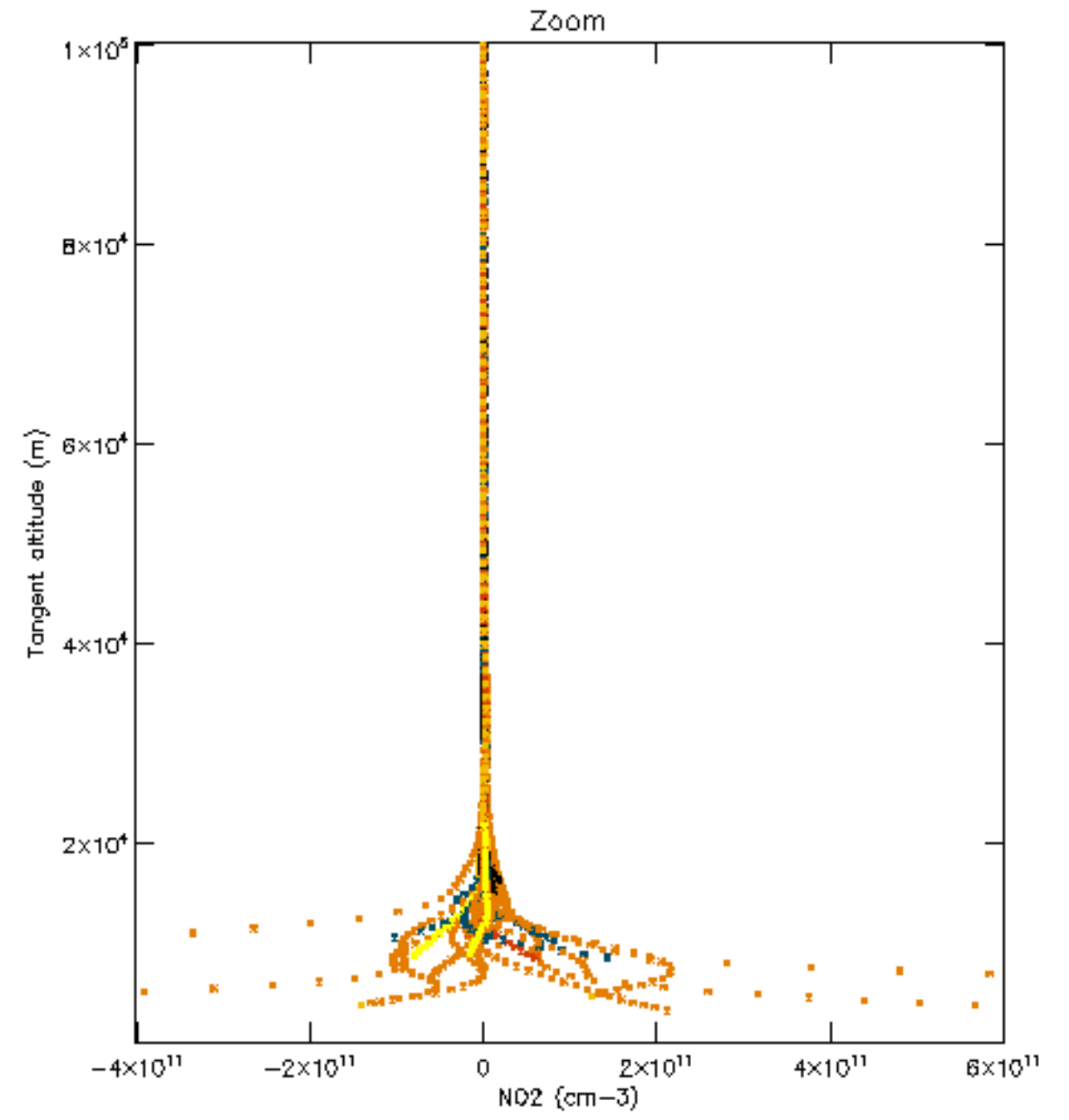
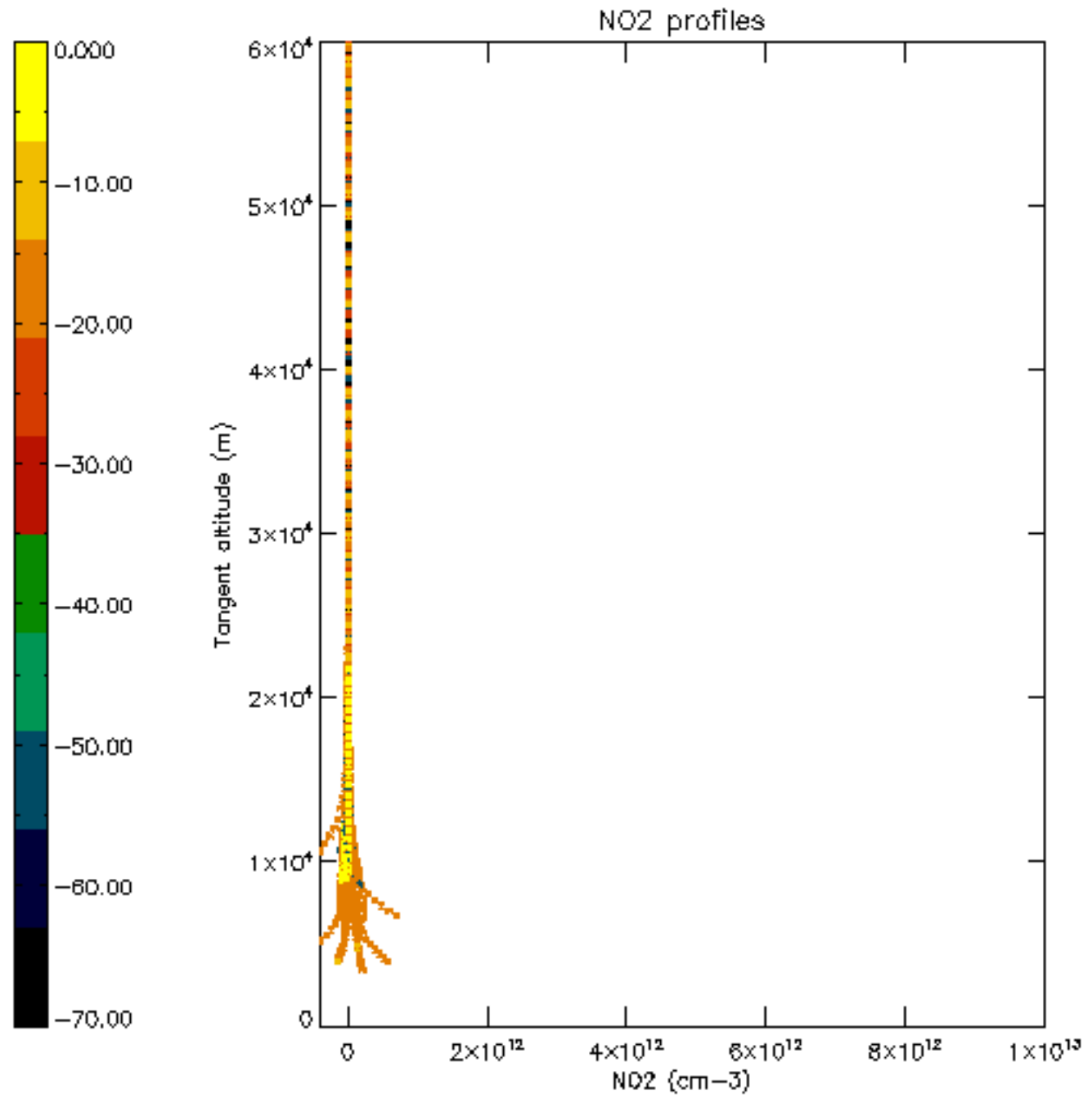


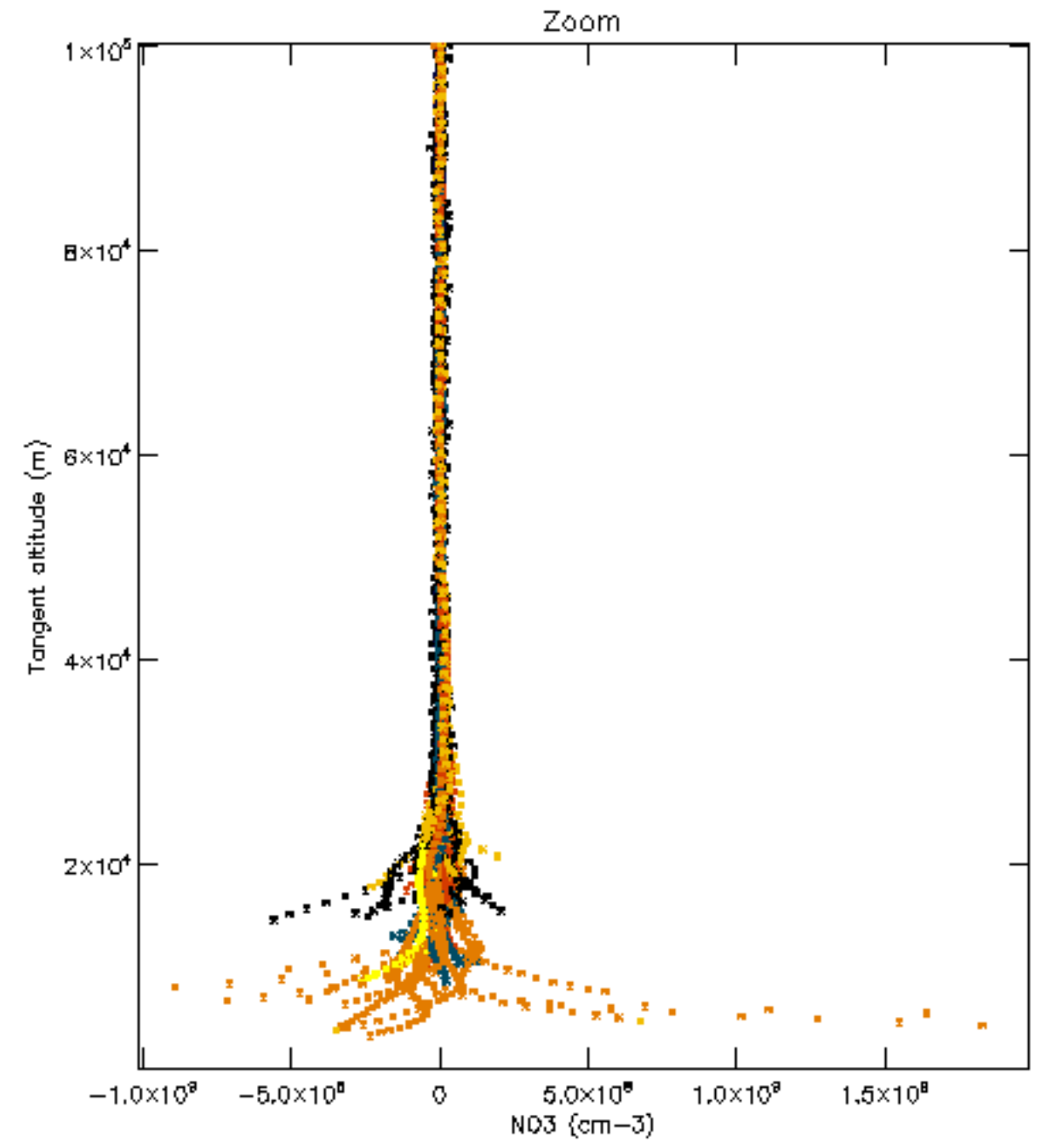
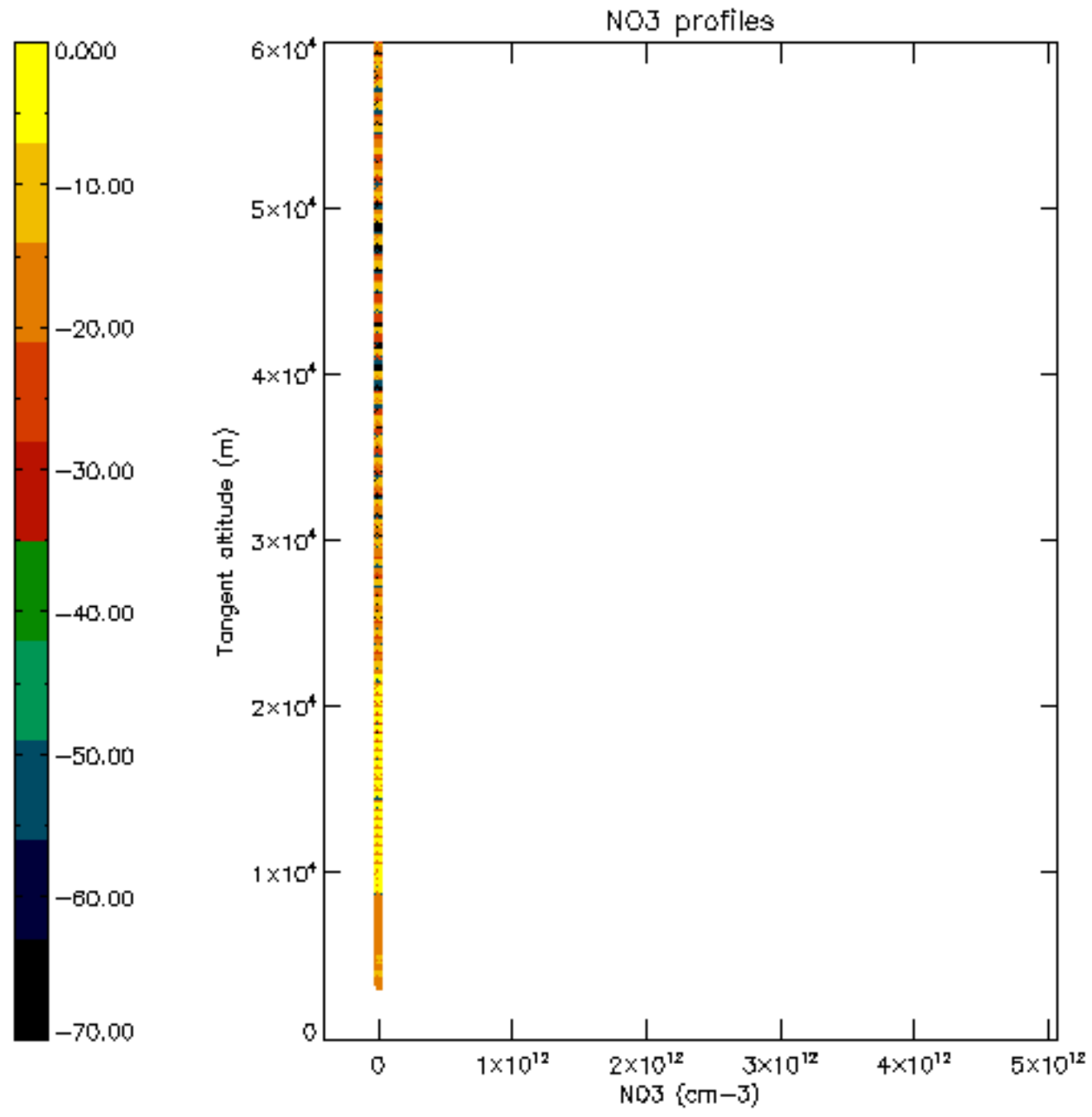


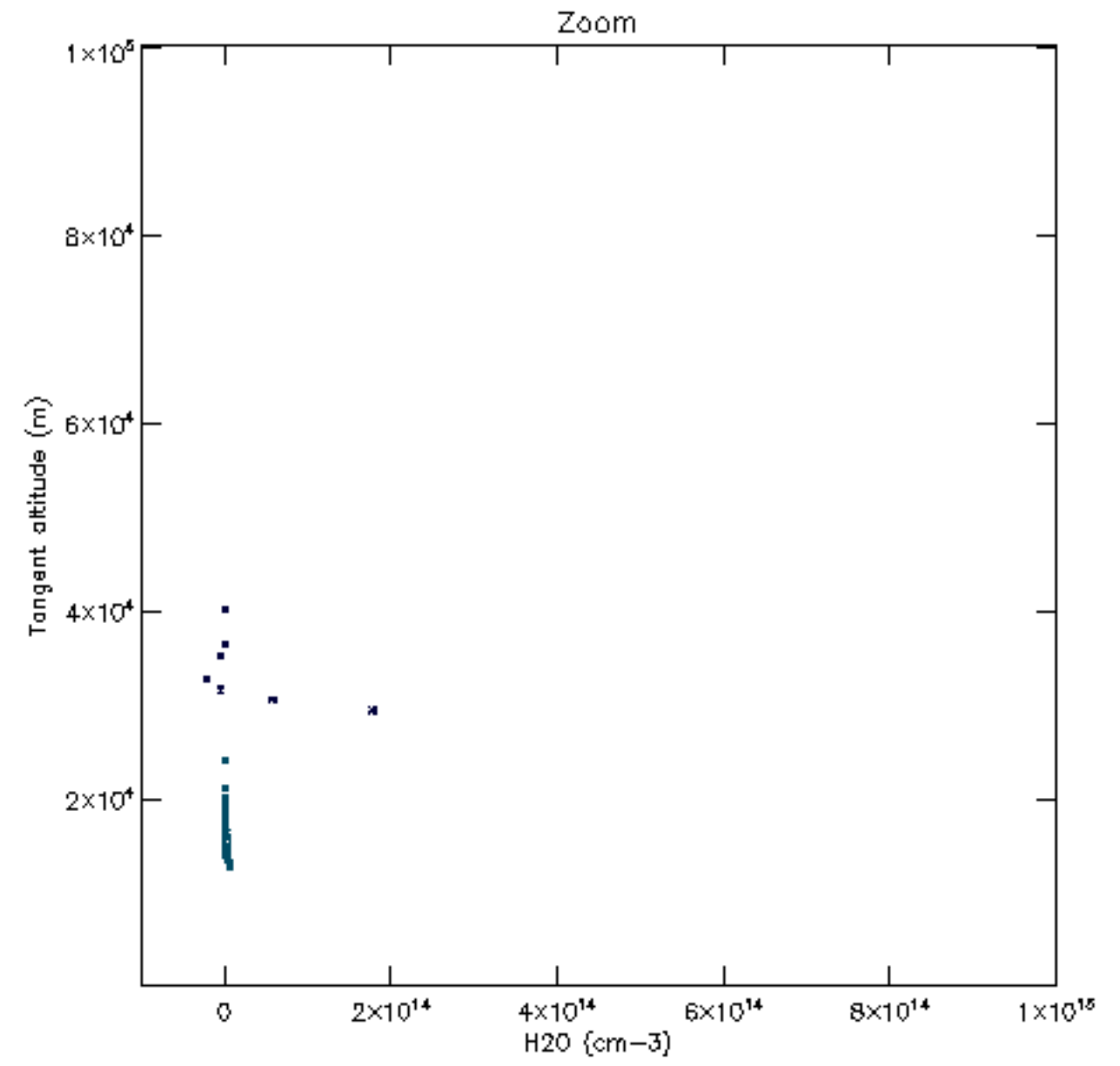
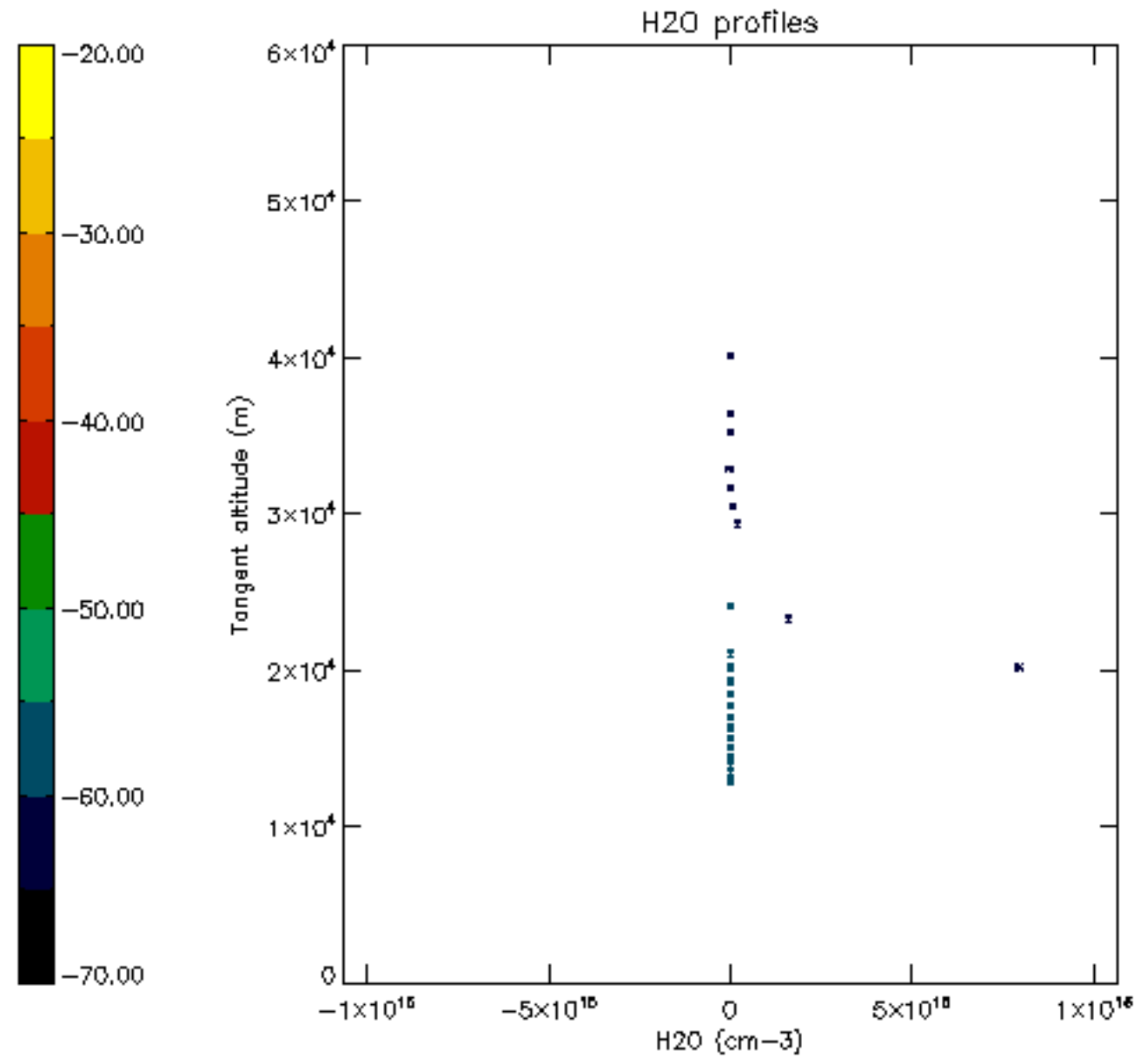


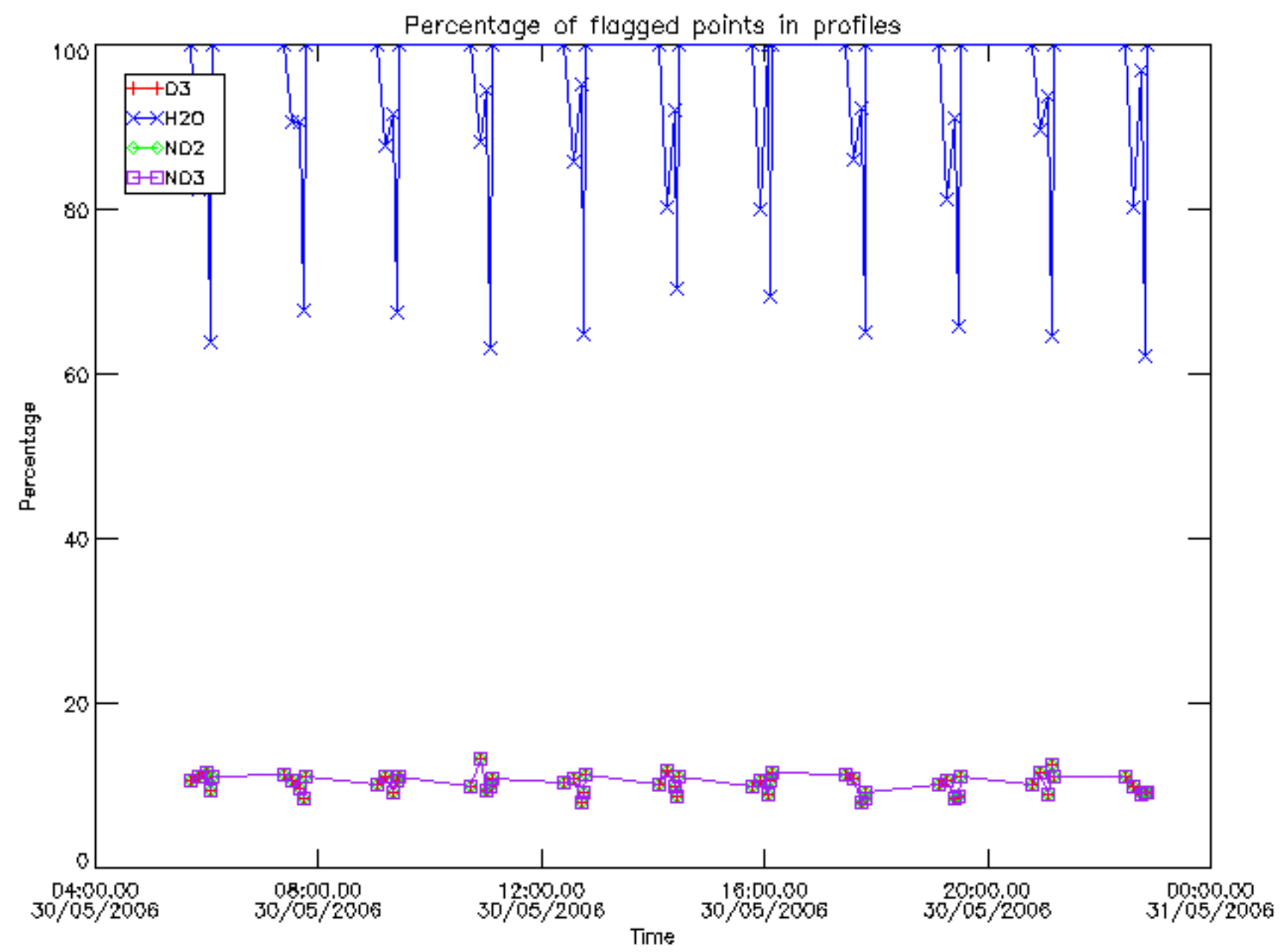




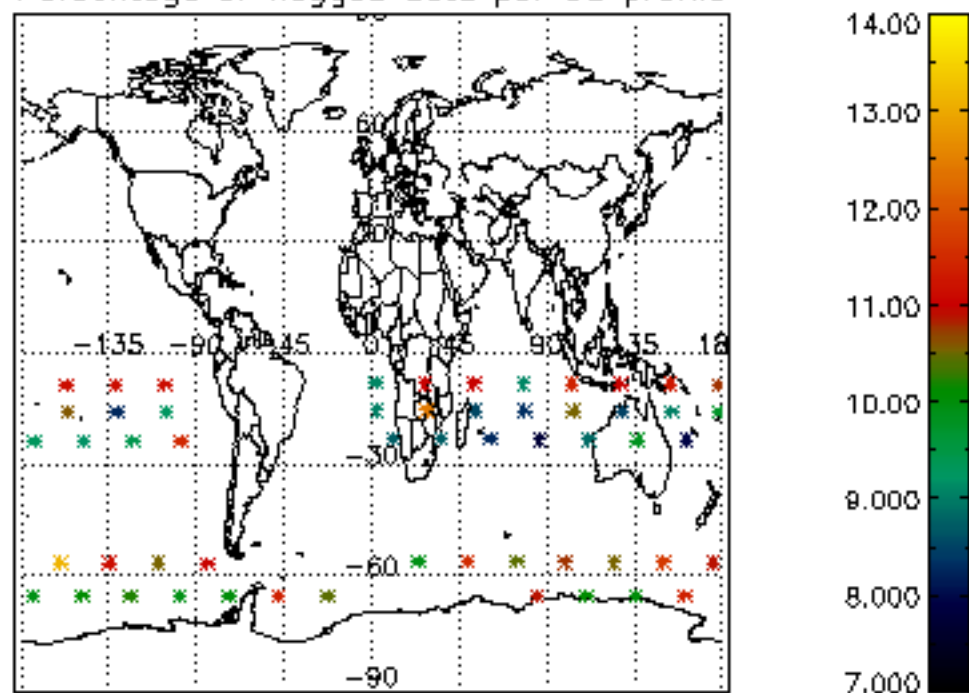




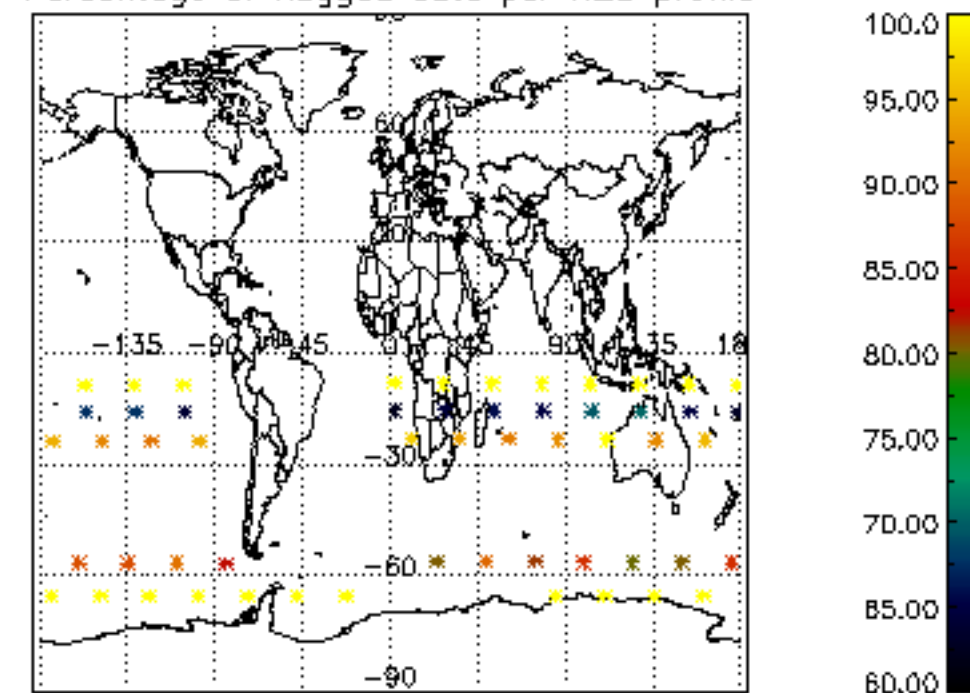




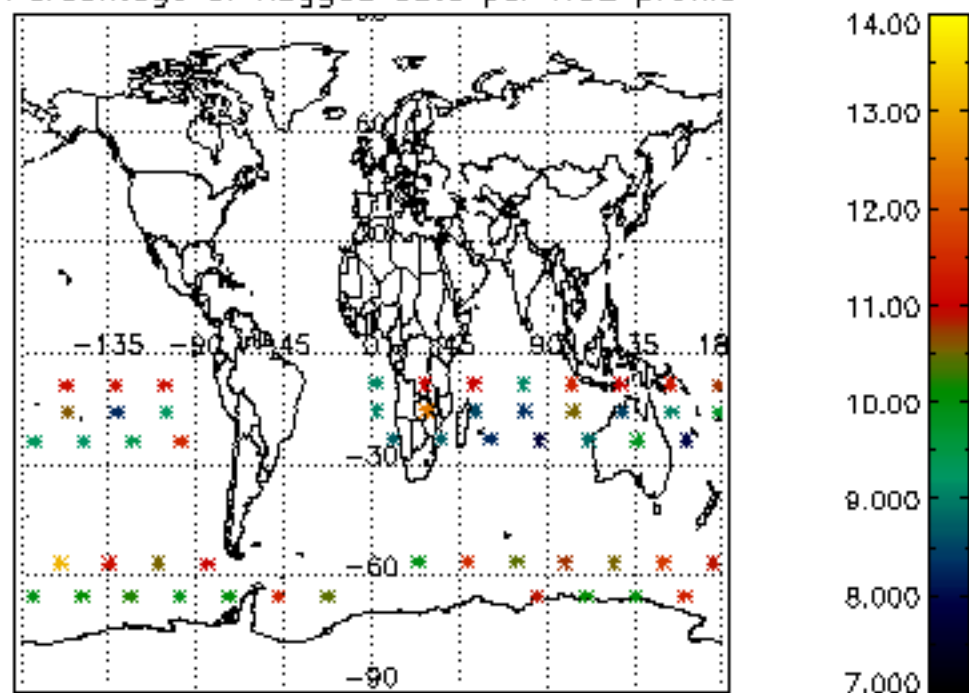
Percentage of flagged data per D3 profile



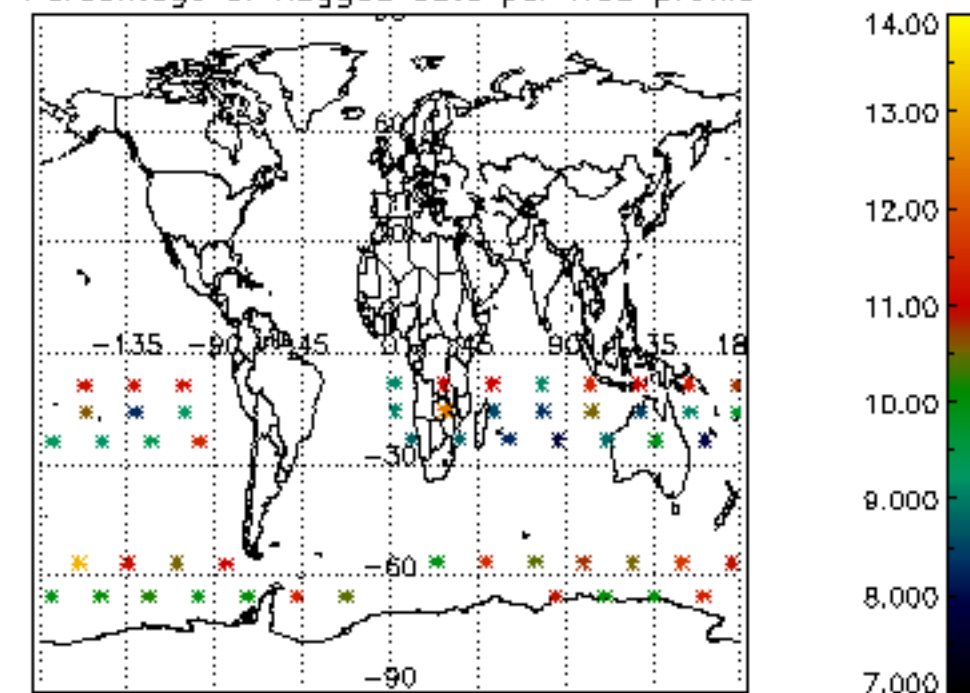
Percentage of flagged data per H2O profile

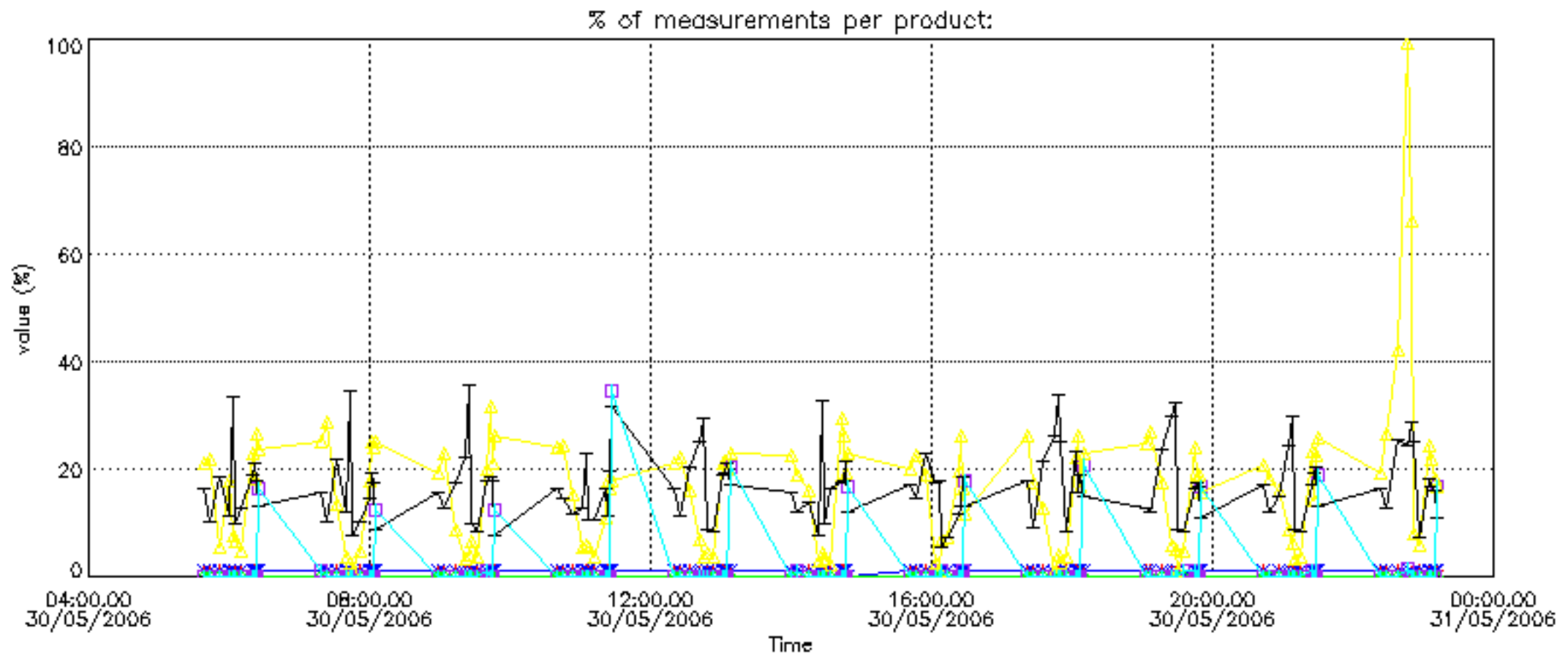


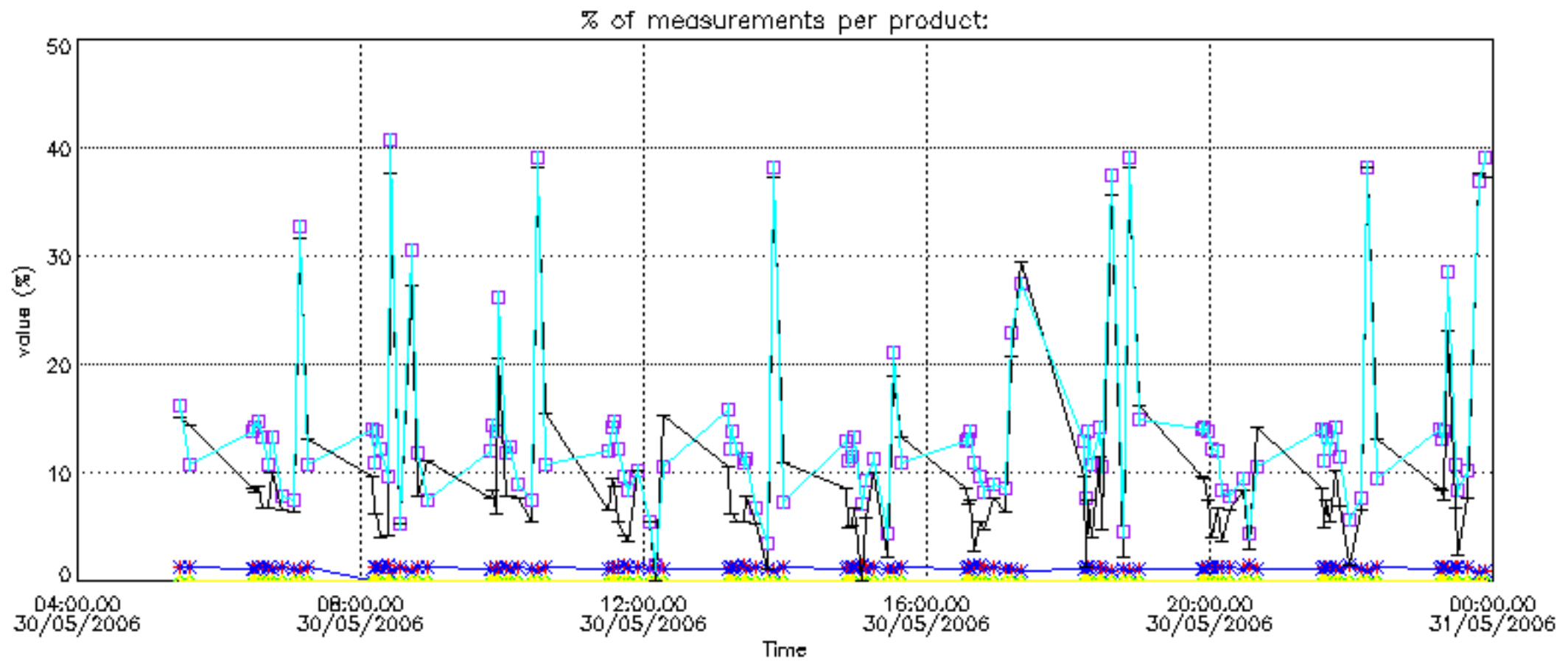
Percentage of flagged data per NO2 profile



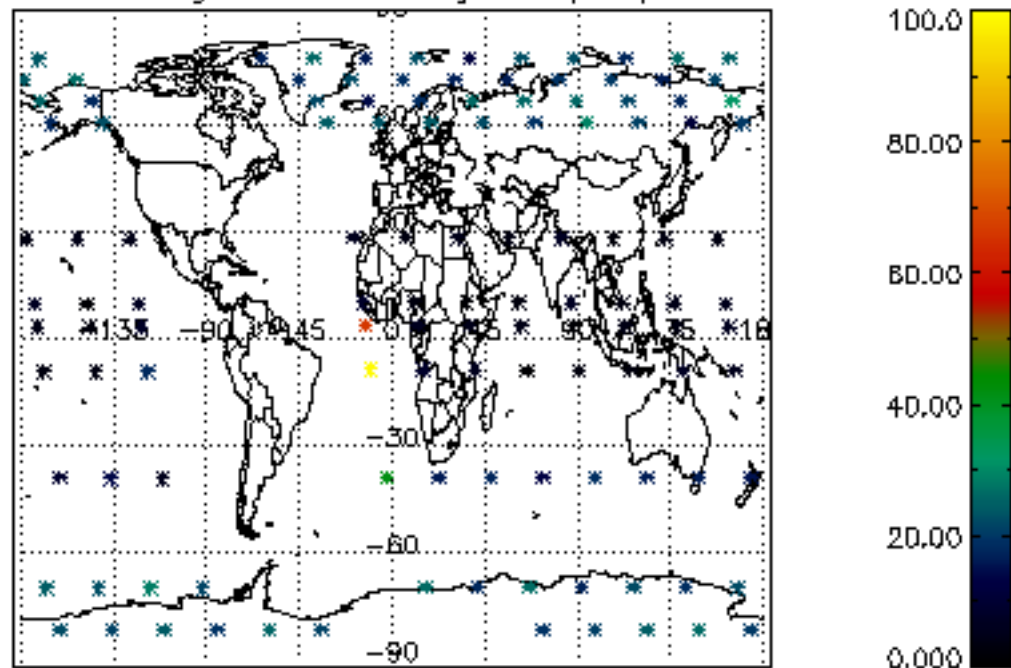
Percentage of flagged data per NO3 profile



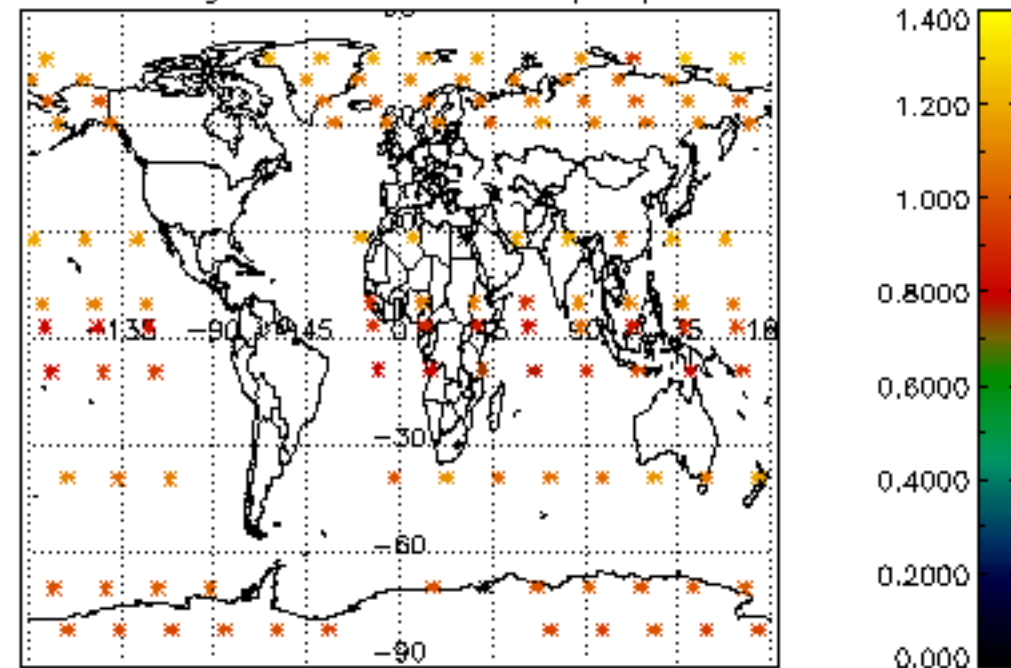




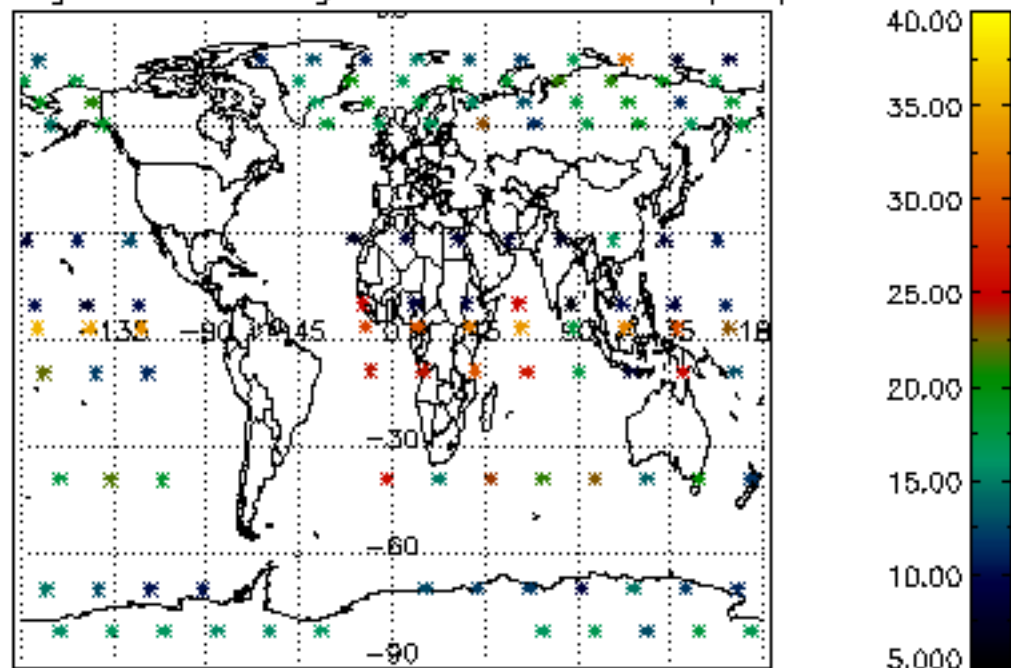
Percentage of cosmic ray hits per profile



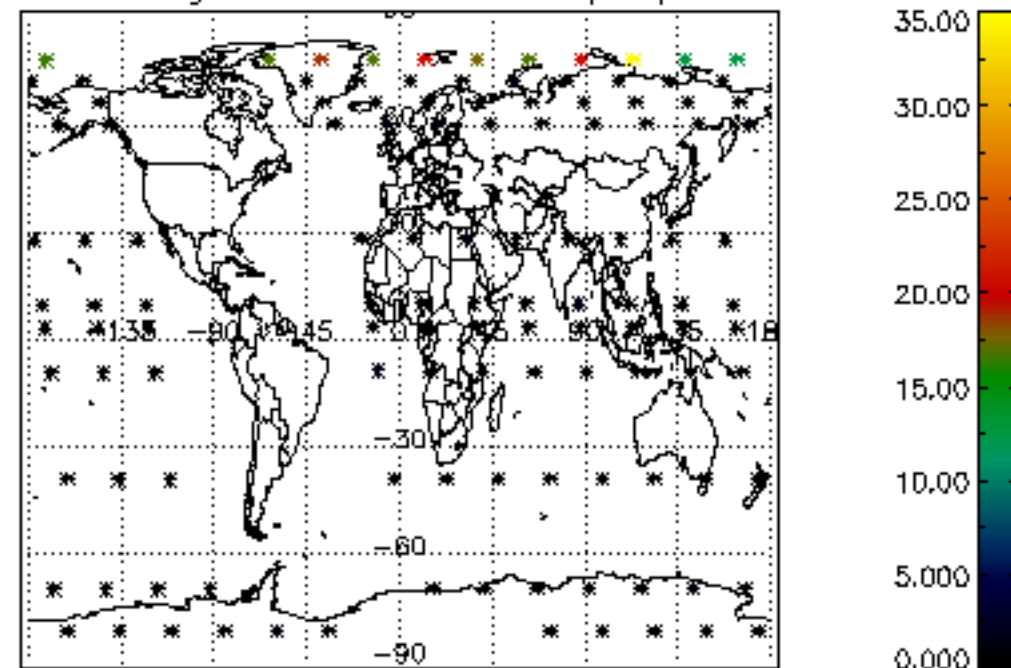
Percentage of datation errors per profile



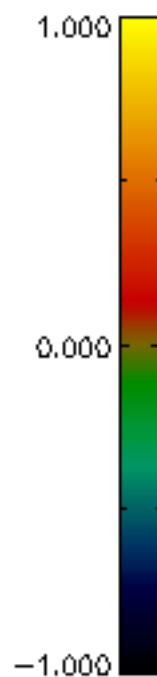
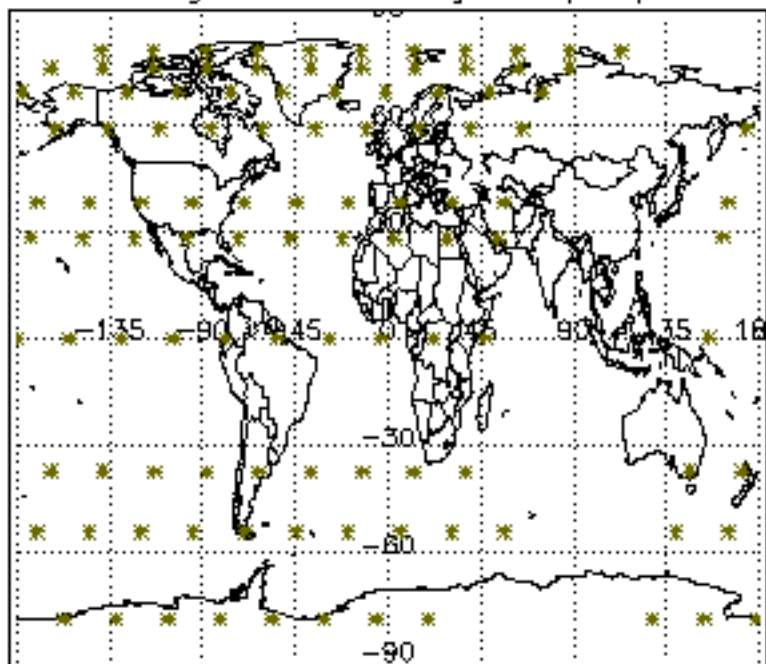
Percentage of star falling outside central band per profile



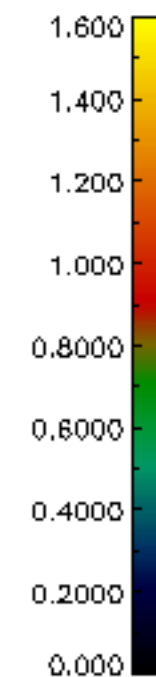
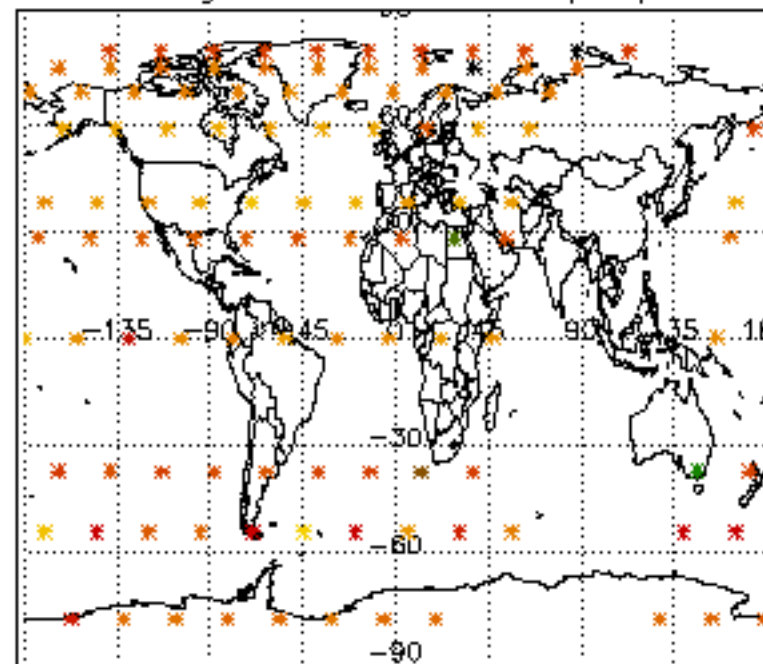
Percentage of saturation errors per profile



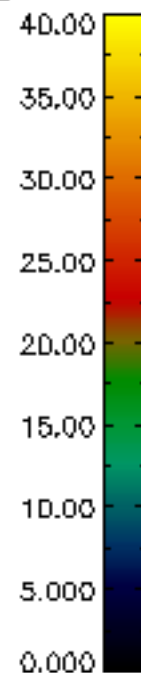
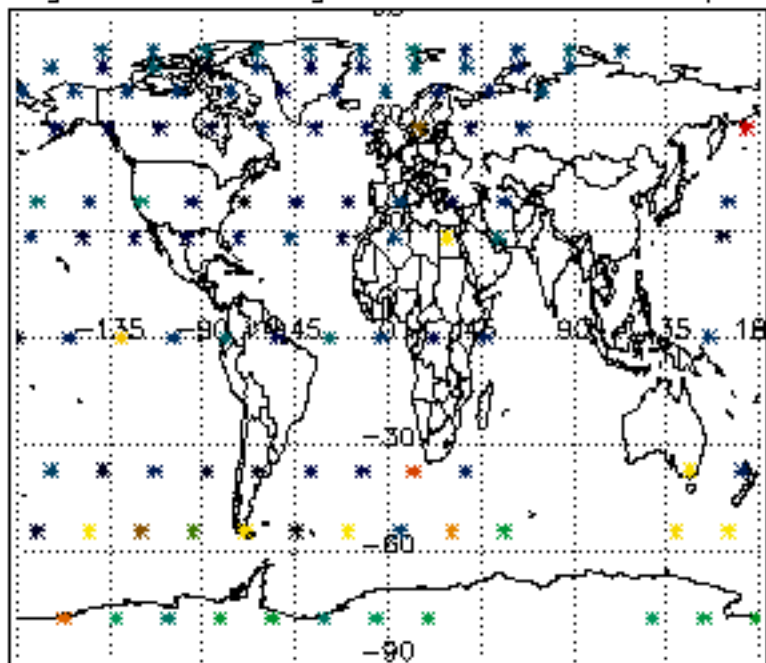
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

