

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	25APR2013 14:50:15
Data source version	GOMOS/6.01
Start time of products	28-05-2008 (28MAY2008 00:00:00)
Stop time of products	29-05-2008 (29MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	331
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080528_000117_000000382069_00016_32635_3401.N1	28-MAY-2008 00:01:17	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32635	No
2	GOM_NL__2PRFIN20080528_000929_000000452069_00016_32635_3402.N1	28-MAY-2008 00:09:29	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32635	No
3	GOM_NL__2PRFIN20080528_001402_000000372069_00016_32635_3403.N1	28-MAY-2008 00:14:02	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32635	No
4	GOM_NL__2PRFIN20080528_002138_000000552069_00016_32635_3404.N1	28-MAY-2008 00:21:38	Bright	55.000	53	43Bet And	2.0480	3300.0	110	32635	No
5	GOM_NL__2PRFIN20080528_002414_000000492069_00016_32635_3405.N1	28-MAY-2008 00:24:14	Twilight	48.500	58	21Alp And	2.0730	11000.	97	32635	No
6	GOM_NL__2PRFIN20080528_002856_000000502069_00016_32635_3406.N1	28-MAY-2008 00:28:56	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32635	No
7	GOM_NL__2PRFIN20080528_003751_000000452069_00016_32635_3407.N1	28-MAY-2008 00:37:51	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32635	No
8	GOM_NL__2PRFIN20080528_004938_000000572069_00017_32636_3402.N1	28-MAY-2008 00:49:38	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32636	No
9	GOM_NL__2PRFIN20080528_005126_000000442069_00017_32636_3403.N1	28-MAY-2008 00:51:26	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32636	No
10	GOM_NL__2PRFIN20080528_005637_000000412069_00017_32636_3404.N1	28-MAY-2008 00:56:37	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32636	No
11	GOM_NL__2PRFIN20080528_010304_000000422069_00017_32636_3405.N1	28-MAY-2008 01:03:04	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32636	No
12	GOM_NL__2PRFIN20080528_010557_000000462069_00017_32636_3406.N1	28-MAY-2008 01:05:57	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32636	No
13	GOM_NL__2PRFIN20080528_010746_000000482069_00017_32636_3407.N1	28-MAY-2008 01:07:46	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	32636	No
14	GOM_NL__2PRFIN20080528_010939_000000452069_00017_32636_3408.N1	28-MAY-2008 01:09:39	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	32636	No
15	GOM_NL__2PRFIN20080528_011145_000000412069_00017_32636_3409.N1	28-MAY-2008 01:11:45	Twilight	41.000	136	23Tau Sco	2.8220	30000.	82	32636	No
16	GOM_NL__2PRFIN20080528_011726_000000432069_00017_32636_3410.N1	28-MAY-2008 01:17:26	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32636	No
17	GOM_NL__2PRFIN20080528_011940_000000412069_00017_32636_3411.N1	28-MAY-2008 01:19:40	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32636	No
18	GOM_NL__2PRFIN20080528_012242_000000382069_00017_32636_3412.N1	28-MAY-2008 01:22:42	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32636	No
19	GOM_NL__2PRFIN20080528_012842_000000422069_00017_32636_3413.N1	28-MAY-2008 01:28:42	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	32636	No
20	GOM_NL__2PRFIN20080528_013142_000000562069_00017_32636_3414.N1	28-MAY-2008 01:31:42	Bright	55.500	133	40Zet Her	2.8070	6000.0	111	32636	No
21	GOM_NL__2PRFIN20080528_013926_000000392069_00017_32636_3415.N1	28-MAY-2008 01:39:26	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32636	No
22	GOM_NL__2PRFIN20080528_014153_000000352069_00017_32636_3416.N1	28-MAY-2008 01:41:53	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32636	No
23	GOM_NL__2PRFIN20080528_015004_000000462069_00017_32636_3417.N1	28-MAY-2008 01:50:04	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32636	No
24	GOM_NL__2PRFIN20080528_015438_000000352069_00017_32636_3418.N1	28-MAY-2008 01:54:38	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32636	No
25	GOM_NL__2PRFIN20080528_020214_000000412069_00017_32636_3419.N1	28-MAY-2008 02:02:14	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32636	No
26	GOM_NL__2PRFIN20080528_020450_000000512069_00017_32636_3420.N1	28-MAY-2008 02:04:50	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32636	No
27	GOM_NL__2PRFIN20080528_020933_000000482069_00017_32636_3421.N1	28-MAY-2008 02:09:33	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32636	No
28	GOM_NL__2PRFIN20080528_021827_000000462069_00017_32636_3422.N1	28-MAY-2008 02:18:27	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32636	No
29	GOM_NL__2PRFIN20080528_023015_000000492069_00018_32637_3403.N1	28-MAY-2008 02:30:15	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32637	No
30	GOM_NL__2PRFIN20080528_023203_000000452069_00018_32637_3404.N1	28-MAY-2008 02:32:03	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32637	No
31	GOM_NL__2PRFIN20080528_023713_000000432069_00018_32637_3405.N1	28-MAY-2008 02:37:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32637	No
32	GOM_NL__2PRFIN20080528_024340_000000422069_00018_32637_3406.N1	28-MAY-2008 02:43:40	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32637	No
33	GOM_NL__2PRFIN20080528_024633_000000442069_00018_32637_3407.N1	28-MAY-2008 02:46:33	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32637	No
34	GOM_NL__2PRFIN20080528_024822_000000492069_00018_32637_3408.N1	28-MAY-2008 02:48:22	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32637	No
35	GOM_NL__2PRFIN20080528_025015_000000512069_00018_32637_3409.N1	28-MAY-2008 02:50:15	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	32637	No
36	GOM_NL__2PRFIN20080528_025221_000000452069_00018_32637_3410.N1	28-MAY-2008 02:52:21	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	32637	No
37	GOM_NL__2PRFIN20080528_025802_000000432069_00018_32637_3411.N1	28-MAY-2008 02:58:02	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32637	No
38	GOM_NL__2PRFIN20080528_030016_000000412069_00018_32637_3412.N1	28-MAY-2008 03:00:16	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32637	No
39	GOM_NL__2PRFIN20080528_030318_000000382069_00018_32637_3413.N1	28-MAY-2008 03:03:18	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32637	No
40	GOM_NL__2PRFIN20080528_030918_000000392069_00018_32637_3414.N1	28-MAY-2008 03:09:18	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32637	No
41	GOM_NL__2PRFIN20080528_031218_000000462069_00018_32637_3415.N1	28-MAY-2008 03:12:18	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	32637	No
42	GOM_NL__2PRFIN20080528_032002_000000372069_00018_32637_3416.N1	28-MAY-2008 03:20:02	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32637	No

43	GOM_NL__2PRFIN20080528_032229_000000352069_00018_32637_3417.N1	28-MAY-2008 03:22:29	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32637	No
44	GOM_NL__2PRFIN20080528_033039_000000462069_00018_32637_3418.N1	28-MAY-2008 03:30:39	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32637	No
45	GOM_NL__2PRFIN20080528_033514_000000392069_00018_32637_3419.N1	28-MAY-2008 03:35:14	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32637	No
46	GOM_NL__2PRFIN20080528_034250_000000412069_00018_32637_3420.N1	28-MAY-2008 03:42:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32637	No
47	GOM_NL__2PRFIN20080528_034527_000000512069_00018_32637_3421.N1	28-MAY-2008 03:45:27	Tw_i_and_stray	51.000	58	21Alp And	2.0730	11000.	102	32637	No
48	GOM_NL__2PRFIN20080528_035009_000000462069_00018_32637_3422.N1	28-MAY-2008 03:50:09	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	32637	No
49	GOM_NL__2PRFIN20080528_035904_000000472069_00018_32637_3423.N1	28-MAY-2008 03:59:04	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32637	No
50	GOM_NL__2PRFIN20080528_041052_000000612069_00019_32638_3407.N1	28-MAY-2008 04:10:52	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	32638	No
51	GOM_NL__2PRFIN20080528_041240_000000482069_00019_32638_3408.N1	28-MAY-2008 04:12:40	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32638	No
52	GOM_NL__2PRFIN20080528_041750_000000422069_00019_32638_3409.N1	28-MAY-2008 04:17:50	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32638	No
53	GOM_NL__2PRFIN20080528_042417_000000412069_00019_32638_3410.N1	28-MAY-2008 04:24:17	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32638	No
54	GOM_NL__2PRFIN20080528_042710_000000432069_00019_32638_3411.N1	28-MAY-2008 04:27:10	Straylight	42.500	40	The Sco	1.8590	7100.0	85	32638	No
55	GOM_NL__2PRFIN20080528_042859_000000482069_00019_32638_3412.N1	28-MAY-2008 04:28:59	Tw_i_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	32638	No
56	GOM_NL__2PRFIN20080528_043051_000000482069_00019_32638_3413.N1	28-MAY-2008 04:30:51	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32638	No
57	GOM_NL__2PRFIN20080528_043257_000000442069_00019_32638_3414.N1	28-MAY-2008 04:32:57	Tw_i_and_stray	43.500	136	23Tau Sco	2.8220	30000.	87	32638	No
58	GOM_NL__2PRFIN20080528_043506_000000412069_00019_32638_3415.N1	28-MAY-2008 04:35:06	Bright	41.000	80	7Del Sco	2.3160	30000.	82	32638	No
59	GOM_NL__2PRFIN20080528_043643_000000492069_00019_32638_3416.N1	28-MAY-2008 04:36:43	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	32638	No
60	GOM_NL__2PRFIN20080528_043838_000000432069_00019_32638_3417.N1	28-MAY-2008 04:38:38	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32638	No
61	GOM_NL__2PRFIN20080528_044052_000000422069_00019_32638_3418.N1	28-MAY-2008 04:40:52	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32638	No
62	GOM_NL__2PRFIN20080528_044354_000000382069_00019_32638_3419.N1	28-MAY-2008 04:43:54	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32638	No
63	GOM_NL__2PRFIN20080528_044954_000000372069_00019_32638_3420.N1	28-MAY-2008 04:49:54	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32638	No
64	GOM_NL__2PRFIN20080528_045253_000000452069_00019_32638_3421.N1	28-MAY-2008 04:52:53	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32638	No
65	GOM_NL__2PRFIN20080528_050037_000000402069_00019_32638_3422.N1	28-MAY-2008 05:00:37	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32638	No
66	GOM_NL__2PRFIN20080528_050305_000000372069_00019_32638_3423.N1	28-MAY-2008 05:03:05	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32638	No
67	GOM_NL__2PRFIN20080528_051115_000000462069_00019_32638_3424.N1	28-MAY-2008 05:11:15	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32638	No
68	GOM_NL__2PRFIN20080528_051550_000000372069_00019_32638_3425.N1	28-MAY-2008 05:15:50	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32638	No
69	GOM_NL__2PRFIN20080528_052326_000000402069_00019_32638_3426.N1	28-MAY-2008 05:23:26	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32638	No
70	GOM_NL__2PRFIN20080528_052603_000000502069_00019_32638_3427.N1	28-MAY-2008 05:26:03	Tw_i_and_stray	49.500	58	21Alp And	2.0730	11000.	99	32638	No
71	GOM_NL__2PRFIN20080528_053045_000000492069_00019_32638_3428.N1	28-MAY-2008 05:30:45	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32638	No
72	GOM_NL__2PRFIN20080528_053940_000000462069_00019_32638_3429.N1	28-MAY-2008 05:39:40	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32638	No
73	GOM_NL__2PRFIN20080528_054751_000000592069_00019_32638_3430.N1	28-MAY-2008 05:47:51	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	32638	No
74	GOM_NL__2PRFIN20080528_055128_000000532069_00020_32639_3423.N1	28-MAY-2008 05:51:28	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	32639	No
75	GOM_NL__2PRFIN20080528_055316_000000452069_00020_32639_3424.N1	28-MAY-2008 05:53:16	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32639	No
76	GOM_NL__2PRFIN20080528_055827_000000432069_00020_32639_3425.N1	28-MAY-2008 05:58:27	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32639	No
77	GOM_NL__2PRFIN20080528_060453_000000412069_00020_32639_3426.N1	28-MAY-2008 06:04:53	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32639	No
78	GOM_NL__2PRFIN20080528_060746_000000512069_00020_32639_3427.N1	28-MAY-2008 06:07:46	Straylight	51.000	40	The Sco	1.8590	7100.0	102	32639	No
79	GOM_NL__2PRFIN20080528_060935_000000492069_00020_32639_3428.N1	28-MAY-2008 06:09:35	Tw_i_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	32639	No
80	GOM_NL__2PRFIN20080528_061128_000000482069_00020_32639_3429.N1	28-MAY-2008 06:11:28	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32639	No
81	GOM_NL__2PRFIN20080528_061333_000000422069_00020_32639_3430.N1	28-MAY-2008 06:13:33	Tw_i_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	32639	No
82	GOM_NL__2PRFIN20080528_061542_000000412069_00020_32639_3431.N1	28-MAY-2008 06:15:42	Bright	41.000	80	7Del Sco	2.3160	30000.	82	32639	No
83	GOM_NL__2PRFIN20080528_061719_000000482069_00020_32639_3432.N1	28-MAY-2008 06:17:19	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	32639	No
84	GOM_NL__2PRFIN20080528_061914_000000432069_00020_32639_3433.N1	28-MAY-2008 06:19:14	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32639	No
85	GOM_NL__2PRFIN20080528_062128_000000422069_00020_32639_3434.N1	28-MAY-2008 06:21:28	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	32639	No
86	GOM_NL__2PRFIN20080528_062430_000000382069_00020_32639_3435.N1	28-MAY-2008 06:24:30	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32639	No
87	GOM_NL__2PRFIN20080528_063029_000000392069_00020_32639_3436.N1	28-MAY-2008 06:30:29	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32639	No
88	GOM_NL__2PRFIN20080528_063329_000000462069_00020_32639_3437.N1	28-MAY-2008 06:33:29	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32639	No
89	GOM_NL__2PRFIN20080528_064113_000000402069_00020_32639_3438.N1	28-MAY-2008 06:41:13	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32639	No
90	GOM_NL__2PRFIN20080528_064341_000000362069_00020_32639_3439.N1	28-MAY-2008 06:43:41	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32639	No
91	GOM_NL__2PRFIN20080528_065150_000000452069_00020_32639_3440.N1	28-MAY-2008 06:51:50	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32639	No
92	GOM_NL__2PRFIN20080528_065626_000000552069_00020_32639_3441.N1	28-MAY-2008 06:56:26	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32639	No
93	GOM_NL__2PRFIN20080528_070402_000000392069_00020_32639_3442.N1	28-MAY-2008 07:04:02	Bright	39.000	53	43Bet And	2.0480	3300.0	78	32639	No
94	GOM_NL__2PRFIN20080528_070639_000000512069_00020_32639_3443.N1	28-MAY-2008 07:06:39	Tw_i_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32639	No
95	GOM_NL__2PRFIN20080528_071122_000000482069_00020_32639_3444.N1	28-MAY-2008 07:11:22	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32639	No
96	GOM_NL__2PRFIN20080528_072017_000000472069_00020_32639_3445.N1	28-MAY-2008 07:20:17	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32639	No
97	GOM_NL__2PRFIN20080528_072828_000000602069_00020_32639_3446.N1	28-MAY-2008 07:28:28	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	32639	No
98	GOM_NL__2PRFIN20080528_073205_000000592069_00021_32640_3449.N1	28-MAY-2008 07:32:05	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32640	No
99	GOM_NL__2PRFIN20080528_073353_000000452069_00021_32640_3450.N1	28-MAY-2008 07:33:53	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32640	No
100	GOM_NL__2PRFIN20080528_073903_000000422069_00021_32640_3451.N1	28-MAY-2008 07:39:03	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32640	No
101	GOM_NL__2PRFIN20080528_074530_000000402069_00021_32640_3452.N1	28-MAY-2008 07:45:30	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32640	No

102	GOM_NL__2PRFIN20080528_074823_000000442069_00021_32640_3453.N1	28-MAY-2008 07:48:23	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32640	No
103	GOM_NL__2PRFIN20080528_075012_000000502069_00021_32640_3454.N1	28-MAY-2008 07:50:12	Tw_i_and_stray	49.500	25	35Lam Sco	1.6200	28000.	99	32640	No
104	GOM_NL__2PRFIN20080528_075204_000000492069_00021_32640_3455.N1	28-MAY-2008 07:52:04	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	32640	No
105	GOM_NL__2PRFIN20080528_075409_000000412069_00021_32640_3456.N1	28-MAY-2008 07:54:09	Tw_i_and_stray	41.000	136	23Tau Sco	2.8220	30000.	82	32640	No
106	GOM_NL__2PRFIN20080528_075950_000000432069_00021_32640_3457.N1	28-MAY-2008 07:59:50	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32640	No
107	GOM_NL__2PRFIN20080528_080204_000000412069_00021_32640_3458.N1	28-MAY-2008 08:02:04	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32640	No
108	GOM_NL__2PRFIN20080528_080506_000000382069_00021_32640_3459.N1	28-MAY-2008 08:05:06	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32640	No
109	GOM_NL__2PRFIN20080528_081105_000000402069_00021_32640_3460.N1	28-MAY-2008 08:11:05	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32640	No
110	GOM_NL__2PRFIN20080528_081404_000000452069_00021_32640_3461.N1	28-MAY-2008 08:14:04	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32640	No
111	GOM_NL__2PRFIN20080528_082148_000000382069_00021_32640_3462.N1	28-MAY-2008 08:21:48	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32640	No
112	GOM_NL__2PRFIN20080528_082417_000000362069_00021_32640_3463.N1	28-MAY-2008 08:24:17	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32640	No
113	GOM_NL__2PRFIN20080528_083226_000000432069_00021_32640_3464.N1	28-MAY-2008 08:32:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	32640	No
114	GOM_NL__2PRFIN20080528_083702_000000552069_00021_32640_3465.N1	28-MAY-2008 08:37:02	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32640	No
115	GOM_NL__2PRFIN20080528_084438_000000402069_00021_32640_3466.N1	28-MAY-2008 08:44:38	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32640	No
116	GOM_NL__2PRFIN20080528_084715_000000512069_00021_32640_3467.N1	28-MAY-2008 08:47:15	Tw_i_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32640	No
117	GOM_NL__2PRFIN20080528_085158_000000492069_00021_32640_3468.N1	28-MAY-2008 08:51:58	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32640	No
118	GOM_NL__2PRFIN20080528_090053_000000462069_00021_32640_3469.N1	28-MAY-2008 09:00:53	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32640	No
119	GOM_NL__2PRFIN20080528_090905_000000542069_00021_32640_3470.N1	28-MAY-2008 09:09:05	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	32640	No
120	GOM_NL__2PRFIN20080528_091242_000000492069_00022_32641_3462.N1	28-MAY-2008 09:12:42	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32641	No
121	GOM_NL__2PRFIN20080528_091430_000000452069_00022_32641_3463.N1	28-MAY-2008 09:14:30	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32641	No
122	GOM_NL__2PRFIN20080528_091940_000000432069_00022_32641_3464.N1	28-MAY-2008 09:19:40	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32641	No
123	GOM_NL__2PRFIN20080528_092606_000000412069_00022_32641_3465.N1	28-MAY-2008 09:26:06	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32641	No
124	GOM_NL__2PRFIN20080528_092859_000000492069_00022_32641_3466.N1	28-MAY-2008 09:28:59	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32641	No
125	GOM_NL__2PRFIN20080528_093048_000000472069_00022_32641_3467.N1	28-MAY-2008 09:30:48	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32641	No
126	GOM_NL__2PRFIN20080528_093240_000000462069_00022_32641_3468.N1	28-MAY-2008 09:32:40	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32641	No
127	GOM_NL__2PRFIN20080528_093446_000000422069_00022_32641_3469.N1	28-MAY-2008 09:34:46	Tw_i_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	32641	No
128	GOM_NL__2PRFIN20080528_094026_000000432069_00022_32641_3470.N1	28-MAY-2008 09:40:26	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32641	No
129	GOM_NL__2PRFIN20080528_094240_000000412069_00022_32641_3471.N1	28-MAY-2008 09:42:40	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32641	No
130	GOM_NL__2PRFIN20080528_094542_000000382069_00022_32641_3472.N1	28-MAY-2008 09:45:42	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32641	No
131	GOM_NL__2PRFIN20080528_095141_000000362069_00022_32641_3473.N1	28-MAY-2008 09:51:41	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32641	No
132	GOM_NL__2PRFIN20080528_095439_000000462069_00022_32641_3474.N1	28-MAY-2008 09:54:39	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32641	No
133	GOM_NL__2PRFIN20080528_100224_000000402069_00022_32641_3475.N1	28-MAY-2008 10:02:24	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32641	No
134	GOM_NL__2PRFIN20080528_100452_000000342069_00022_32641_3476.N1	28-MAY-2008 10:04:52	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32641	No
135	GOM_NL__2PRFIN20080528_101301_000000452069_00022_32641_3477.N1	28-MAY-2008 10:13:01	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32641	No
136	GOM_NL__2PRFIN20080528_101738_000000352069_00022_32641_3478.N1	28-MAY-2008 10:17:38	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32641	No
137	GOM_NL__2PRFIN20080528_102514_000000412069_00022_32641_3479.N1	28-MAY-2008 10:25:14	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32641	No
138	GOM_NL__2PRFIN20080528_102751_000000512069_00022_32641_3480.N1	28-MAY-2008 10:27:51	Tw_i_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32641	No
139	GOM_NL__2PRFIN20080528_103235_000000482069_00022_32641_3481.N1	28-MAY-2008 10:32:35	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32641	No
140	GOM_NL__2PRFIN20080528_104130_000000422069_00022_32641_3482.N1	28-MAY-2008 10:41:30	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32641	No
141	GOM_NL__2PRFIN20080528_104942_000000512069_00022_32641_3483.N1	28-MAY-2008 10:49:42	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	32641	No
142	GOM_NL__2PRFIN20080528_105319_000000482069_00023_32642_3463.N1	28-MAY-2008 10:53:19	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32642	No
143	GOM_NL__2PRFIN20080528_105507_000000462069_00023_32642_3464.N1	28-MAY-2008 10:55:07	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32642	No
144	GOM_NL__2PRFIN20080528_110016_000000422069_00023_32642_3465.N1	28-MAY-2008 11:00:16	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32642	No
145	GOM_NL__2PRFIN20080528_110642_000000412069_00023_32642_3466.N1	28-MAY-2008 11:06:42	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32642	No
146	GOM_NL__2PRFIN20080528_110935_000000462069_00023_32642_3467.N1	28-MAY-2008 11:09:35	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32642	No
147	GOM_NL__2PRFIN20080528_111124_000000472069_00023_32642_3468.N1	28-MAY-2008 11:11:24	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	32642	No
148	GOM_NL__2PRFIN20080528_111316_000000462069_00023_32642_3469.N1	28-MAY-2008 11:13:16	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	32642	No
149	GOM_NL__2PRFIN20080528_111522_000000432069_00023_32642_3470.N1	28-MAY-2008 11:15:22	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	32642	No
150	GOM_NL__2PRFIN20080528_111730_000000392069_00023_32642_3471.N1	28-MAY-2008 11:17:30	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32642	No
151	GOM_NL__2PRFIN20080528_111907_000000482069_00023_32642_3472.N1	28-MAY-2008 11:19:07	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	32642	No
152	GOM_NL__2PRFIN20080528_112102_000000432069_00023_32642_3473.N1	28-MAY-2008 11:21:02	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32642	No
153	GOM_NL__2PRFIN20080528_112316_000000412069_00023_32642_3474.N1	28-MAY-2008 11:23:16	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32642	No
154	GOM_NL__2PRFIN20080528_112617_000000382069_00023_32642_3475.N1	28-MAY-2008 11:26:17	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32642	No
155	GOM_NL__2PRFIN20080528_113216_000000392069_00023_32642_3476.N1	28-MAY-2008 11:32:16	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32642	No
156	GOM_NL__2PRFIN20080528_113514_000000472069_00023_32642_3477.N1	28-MAY-2008 11:35:14	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	32642	No
157	GOM_NL__2PRFIN20080528_114300_000000412069_00023_32642_3478.N1	28-MAY-2008 11:43:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32642	No
158	GOM_NL__2PRFIN20080528_114528_000000382069_00023_32642_3479.N1	28-MAY-2008 11:45:28	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32642	No
159	GOM_NL__2PRFIN20080528_115336_000000462069_00023_32642_3480.N1	28-MAY-2008 11:53:36	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32642	No
160	GOM_NL__2PRFIN20080528_115813_000000372069_00023_32642_3481.N1	28-MAY-2008 11:58:13	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32642	No

161	GOM_NL__2PRFIN20080528_120550_000000412069_00023_32642_3482.N1	28-MAY-2008 12:05:50	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32642	No
162	GOM_NL__2PRFIN20080528_120827_000000512069_00023_32642_3483.N1	28-MAY-2008 12:08:27	Twilight	50.500	58	21Alp And	2.0730	11000.	101	32642	No
163	GOM_NL__2PRFIN20080528_121311_000000492069_00023_32642_3484.N1	28-MAY-2008 12:13:11	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32642	No
164	GOM_NL__2PRFIN20080528_122206_000000462069_00023_32642_3485.N1	28-MAY-2008 12:22:06	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32642	No
165	GOM_NL__2PRFIN20080528_123019_000000552069_00023_32642_3486.N1	28-MAY-2008 12:30:19	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	32642	No
166	GOM_NL__2PRFIN20080528_123355_000000472069_00024_32643_3443.N1	28-MAY-2008 12:33:55	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32643	No
167	GOM_NL__2PRFIN20080528_123544_000000452069_00024_32643_3444.N1	28-MAY-2008 12:35:44	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32643	No
168	GOM_NL__2PRFIN20080528_124053_000000422069_00024_32643_3445.N1	28-MAY-2008 12:40:53	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32643	No
169	GOM_NL__2PRFIN20080528_124718_000000392069_00024_32643_3446.N1	28-MAY-2008 12:47:18	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32643	No
170	GOM_NL__2PRFIN20080528_125012_000000452069_00024_32643_3447.N1	28-MAY-2008 12:50:12	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32643	No
171	GOM_NL__2PRFIN20080528_125201_000000492069_00024_32643_3448.N1	28-MAY-2008 12:52:01	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32643	No
172	GOM_NL__2PRFIN20080528_125353_000000442069_00024_32643_3449.N1	28-MAY-2008 12:53:53	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	32643	No
173	GOM_NL__2PRFIN20080528_125558_000000422069_00024_32643_3450.N1	28-MAY-2008 12:55:58	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32643	No
174	GOM_NL__2PRFIN20080528_125806_000000392069_00024_32643_3451.N1	28-MAY-2008 12:58:06	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32643	No
175	GOM_NL__2PRFIN20080528_125943_000000482069_00024_32643_3452.N1	28-MAY-2008 12:59:43	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32643	No
176	GOM_NL__2PRFIN20080528_130138_000000432069_00024_32643_3453.N1	28-MAY-2008 13:01:38	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32643	No
177	GOM_NL__2PRFIN20080528_130352_000000412069_00024_32643_3454.N1	28-MAY-2008 13:03:52	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32643	No
178	GOM_NL__2PRFIN20080528_130653_000000382069_00024_32643_3455.N1	28-MAY-2008 13:06:53	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32643	No
179	GOM_NL__2PRFIN20080528_131252_000000372069_00024_32643_3456.N1	28-MAY-2008 13:12:52	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32643	No
180	GOM_NL__2PRFIN20080528_131550_000000452069_00024_32643_3457.N1	28-MAY-2008 13:15:50	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32643	No
181	GOM_NL__2PRFIN20080528_132335_000000392069_00024_32643_3458.N1	28-MAY-2008 13:23:35	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32643	No
182	GOM_NL__2PRFIN20080528_132604_000000392069_00024_32643_3459.N1	28-MAY-2008 13:26:04	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32643	No
183	GOM_NL__2PRFIN20080528_133412_000000462069_00024_32643_3460.N1	28-MAY-2008 13:34:12	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32643	No
184	GOM_NL__2PRFIN20080528_133849_000000402069_00024_32643_3461.N1	28-MAY-2008 13:38:49	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32643	No
185	GOM_NL__2PRFIN20080528_134626_000000392069_00024_32643_3462.N1	28-MAY-2008 13:46:26	Bright	39.000	53	43Bet And	2.0480	3300.0	78	32643	No
186	GOM_NL__2PRFIN20080528_134903_000000482069_00024_32643_3463.N1	28-MAY-2008 13:49:03	Twilight	48.000	58	21Alp And	2.0730	11000.	96	32643	No
187	GOM_NL__2PRFIN20080528_135347_000000492069_00024_32643_3464.N1	28-MAY-2008 13:53:47	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32643	No
188	GOM_NL__2PRFIN20080528_140242_000000462069_00024_32643_3465.N1	28-MAY-2008 14:02:42	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32643	No
189	GOM_NL__2PRFIN20080528_141056_000000662069_00024_32643_3466.N1	28-MAY-2008 14:10:56	Dark	65.500	18	24Alp PsA	1.1660	9700.0	131	32643	No
190	GOM_NL__2PRFIN20080528_141432_000000492069_00025_32644_3490.N1	28-MAY-2008 14:14:32	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32644	No
191	GOM_NL__2PRFIN20080528_141620_000000452069_00025_32644_3491.N1	28-MAY-2008 14:16:20	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32644	No
192	GOM_NL__2PRFIN20080528_142129_000000432069_00025_32644_3492.N1	28-MAY-2008 14:21:29	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32644	No
193	GOM_NL__2PRFIN20080528_142755_000000432069_00025_32644_3493.N1	28-MAY-2008 14:27:55	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32644	No
194	GOM_NL__2PRFIN20080528_143048_000000452069_00025_32644_3494.N1	28-MAY-2008 14:30:48	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32644	No
195	GOM_NL__2PRFIN20080528_143237_000000502069_00025_32644_3495.N1	28-MAY-2008 14:32:37	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	32644	No
196	GOM_NL__2PRFIN20080528_143429_000000452069_00025_32644_3496.N1	28-MAY-2008 14:34:29	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	32644	No
197	GOM_NL__2PRFIN20080528_143634_000000422069_00025_32644_3497.N1	28-MAY-2008 14:36:34	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32644	No
198	GOM_NL__2PRFIN20080528_143842_000000392069_00025_32644_3498.N1	28-MAY-2008 14:38:42	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32644	No
199	GOM_NL__2PRFIN20080528_144019_000000472069_00025_32644_3499.N1	28-MAY-2008 14:40:19	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32644	No
200	GOM_NL__2PRFIN20080528_144214_000000432069_00025_32644_3500.N1	28-MAY-2008 14:42:14	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32644	No
201	GOM_NL__2PRFIN20080528_144427_000000412069_00025_32644_3501.N1	28-MAY-2008 14:44:27	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32644	No
202	GOM_NL__2PRFIN20080528_144729_000000382069_00025_32644_3502.N1	28-MAY-2008 14:47:29	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32644	No
203	GOM_NL__2PRFIN20080528_145328_000000382069_00025_32644_3503.N1	28-MAY-2008 14:53:28	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32644	No
204	GOM_NL__2PRFIN20080528_145625_000000472069_00025_32644_3504.N1	28-MAY-2008 14:56:25	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	32644	No
205	GOM_NL__2PRFIN20080528_150411_000000412069_00025_32644_3505.N1	28-MAY-2008 15:04:11	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32644	No
206	GOM_NL__2PRFIN20080528_150640_000000332069_00025_32644_3506.N1	28-MAY-2008 15:06:40	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	32644	No
207	GOM_NL__2PRFIN20080528_151447_000000462069_00025_32644_3507.N1	28-MAY-2008 15:14:47	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32644	No
208	GOM_NL__2PRFIN20080528_151925_000000552069_00025_32644_3508.N1	28-MAY-2008 15:19:25	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32644	No
209	GOM_NL__2PRFIN20080528_152702_000000402069_00025_32644_3509.N1	28-MAY-2008 15:27:02	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32644	No
210	GOM_NL__2PRFIN20080528_152940_000000502069_00025_32644_3510.N1	28-MAY-2008 15:29:40	Twilight	49.500	58	21Alp And	2.0730	11000.	99	32644	No
211	GOM_NL__2PRFIN20080528_153424_000000482069_00025_32644_3511.N1	28-MAY-2008 15:34:24	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32644	No
212	GOM_NL__2PRFIN20080528_154319_000000452069_00025_32644_3512.N1	28-MAY-2008 15:43:19	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32644	No
213	GOM_NL__2PRFIN20080528_155133_000000602069_00025_32644_3513.N1	28-MAY-2008 15:51:33	Dark	60.000	18	24Alp PsA	1.1660	9700.0	120	32644	No
214	GOM_NL__2PRFIN20080528_155509_000000592069_00026_32645_3494.N1	28-MAY-2008 15:55:09	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32645	No
215	GOM_NL__2PRFIN20080528_155657_000000452069_00026_32645_3495.N1	28-MAY-2008 15:56:57	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32645	No
216	GOM_NL__2PRFIN20080528_160206_000000412069_00026_32645_3496.N1	28-MAY-2008 16:02:06	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32645	No
217	GOM_NL__2PRFIN20080528_160831_000000432069_00026_32645_3497.N1	28-MAY-2008 16:08:31	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	32645	No
218	GOM_NL__2PRFIN20080528_161124_000000492069_00026_32645_3498.N1	28-MAY-2008 16:11:24	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32645	No
219	GOM_NL__2PRFIN20080528_161313_000000442069_00026_32645_3499.N1	28-MAY-2008 16:13:13	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32645	No

220	GOM_NL__2PRFIN20080528_161505_000000482069_00026_32645_3500.N1	28-MAY-2008 16:15:05	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	32645	No
221	GOM_NL__2PRFIN20080528_161710_000000432069_00026_32645_3501.N1	28-MAY-2008 16:17:10	Twilight	42.500	136	23Tau Sco	2.8220	30000.	85	32645	No
222	GOM_NL__2PRFIN20080528_161918_000000402069_00026_32645_3502.N1	28-MAY-2008 16:19:18	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32645	No
223	GOM_NL__2PRFIN20080528_162055_000000472069_00026_32645_3503.N1	28-MAY-2008 16:20:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32645	No
224	GOM_NL__2PRFIN20080528_162250_000000422069_00026_32645_3504.N1	28-MAY-2008 16:22:50	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	32645	No
225	GOM_NL__2PRFIN20080528_162503_000000422069_00026_32645_3505.N1	28-MAY-2008 16:25:03	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32645	No
226	GOM_NL__2PRFIN20080528_162805_000000382069_00026_32645_3506.N1	28-MAY-2008 16:28:05	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32645	No
227	GOM_NL__2PRFIN20080528_163404_000000392069_00026_32645_3507.N1	28-MAY-2008 16:34:04	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32645	No
228	GOM_NL__2PRFIN20080528_163700_000000452069_00026_32645_3508.N1	28-MAY-2008 16:37:00	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32645	No
229	GOM_NL__2PRFIN20080528_164446_000000402069_00026_32645_3509.N1	28-MAY-2008 16:44:46	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32645	No
230	GOM_NL__2PRFIN20080528_164716_000000372069_00026_32645_3510.N1	28-MAY-2008 16:47:16	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32645	No
231	GOM_NL__2PRFIN20080528_165523_000000452069_00026_32645_3511.N1	28-MAY-2008 16:55:23	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32645	No
232	GOM_NL__2PRFIN20080528_170001_000000442069_00026_32645_3512.N1	28-MAY-2008 17:00:01	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	32645	No
233	GOM_NL__2PRFIN20080528_170738_000000392069_00026_32645_3513.N1	28-MAY-2008 17:07:38	Bright	38.500	53	43Bet And	2.0480	3300.0	77	32645	No
234	GOM_NL__2PRFIN20080528_171016_000000512069_00026_32645_3514.N1	28-MAY-2008 17:10:16	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32645	No
235	GOM_NL__2PRFIN20080528_171500_000000472069_00026_32645_3515.N1	28-MAY-2008 17:15:00	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32645	No
236	GOM_NL__2PRFIN20080528_172356_000000452069_00026_32645_3516.N1	28-MAY-2008 17:23:56	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32645	No
237	GOM_NL__2PRFIN20080528_173210_000000602069_00026_32645_3517.N1	28-MAY-2008 17:32:10	Dark	60.000	18	24Alp PsA	1.1660	9700.0	120	32645	No
238	GOM_NL__2PRFIN20080528_173546_000000572069_00027_32646_3496.N1	28-MAY-2008 17:35:46	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32646	No
239	GOM_NL__2PRFIN20080528_173734_000000442069_00027_32646_3497.N1	28-MAY-2008 17:37:34	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32646	No
240	GOM_NL__2PRFIN20080528_174243_000000422069_00027_32646_3498.N1	28-MAY-2008 17:42:43	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32646	No
241	GOM_NL__2PRFIN20080528_174908_000000472069_00027_32646_3499.N1	28-MAY-2008 17:49:08	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	32646	No
242	GOM_NL__2PRFIN20080528_175201_000000482069_00027_32646_3500.N1	28-MAY-2008 17:52:01	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32646	No
243	GOM_NL__2PRFIN20080528_175350_000000502069_00027_32646_3501.N1	28-MAY-2008 17:53:50	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	32646	No
244	GOM_NL__2PRFIN20080528_175542_000000462069_00027_32646_3502.N1	28-MAY-2008 17:55:42	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	32646	No
245	GOM_NL__2PRFIN20080528_175747_000000422069_00027_32646_3503.N1	28-MAY-2008 17:57:47	Twilight	41.500	136	23Tau Sco	2.8220	30000.	83	32646	No
246	GOM_NL__2PRFIN20080528_175955_000000402069_00027_32646_3504.N1	28-MAY-2008 17:59:55	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32646	No
247	GOM_NL__2PRFIN20080528_180131_000000472069_00027_32646_3505.N1	28-MAY-2008 18:01:31	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32646	No
248	GOM_NL__2PRFIN20080528_180326_000000412069_00027_32646_3506.N1	28-MAY-2008 18:03:26	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	32646	No
249	GOM_NL__2PRFIN20080528_180539_000000412069_00027_32646_3507.N1	28-MAY-2008 18:05:39	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32646	No
250	GOM_NL__2PRFIN20080528_180841_000000382069_00027_32646_3508.N1	28-MAY-2008 18:08:41	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32646	No
251	GOM_NL__2PRFIN20080528_181439_000000372069_00027_32646_3509.N1	28-MAY-2008 18:14:39	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32646	No
252	GOM_NL__2PRFIN20080528_181736_000000452069_00027_32646_3510.N1	28-MAY-2008 18:17:36	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32646	No
253	GOM_NL__2PRFIN20080528_182522_000000402069_00027_32646_3511.N1	28-MAY-2008 18:25:22	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32646	No
254	GOM_NL__2PRFIN20080528_182752_000000372069_00027_32646_3512.N1	28-MAY-2008 18:27:52	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32646	No
255	GOM_NL__2PRFIN20080528_183558_000000462069_00027_32646_3513.N1	28-MAY-2008 18:35:58	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32646	No
256	GOM_NL__2PRFIN20080528_184037_000000492069_00027_32646_3514.N1	28-MAY-2008 18:40:37	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	32646	No
257	GOM_NL__2PRFIN20080528_184814_000000422069_00027_32646_3515.N1	28-MAY-2008 18:48:14	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32646	No
258	GOM_NL__2PRFIN20080528_185052_000000522069_00027_32646_3516.N1	28-MAY-2008 18:50:52	Twilight	51.500	58	21Alp And	2.0730	11000.	103	32646	No
259	GOM_NL__2PRFIN20080528_185537_000000482069_00027_32646_3517.N1	28-MAY-2008 18:55:37	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32646	No
260	GOM_NL__2PRFIN20080528_190432_000000492069_00027_32646_3518.N1	28-MAY-2008 19:04:32	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	32646	No
261	GOM_NL__2PRFIN20080528_191248_000000532069_00027_32646_3519.N1	28-MAY-2008 19:12:48	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	32646	No
262	GOM_NL__2PRFIN20080528_191623_000000452069_00028_32647_3504.N1	28-MAY-2008 19:16:23	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	32647	No
263	GOM_NL__2PRFIN20080528_191811_000000472069_00028_32647_3505.N1	28-MAY-2008 19:18:11	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32647	No
264	GOM_NL__2PRFIN20080528_192319_000000412069_00028_32647_3506.N1	28-MAY-2008 19:23:19	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32647	No
265	GOM_NL__2PRFIN20080528_192944_000000462069_00028_32647_3507.N1	28-MAY-2008 19:29:44	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	32647	No
266	GOM_NL__2PRFIN20080528_193237_000000472069_00028_32647_3508.N1	28-MAY-2008 19:32:37	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32647	No
267	GOM_NL__2PRFIN20080528_193426_000000502069_00028_32647_3509.N1	28-MAY-2008 19:34:26	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	32647	No
268	GOM_NL__2PRFIN20080528_193618_000000442069_00028_32647_3510.N1	28-MAY-2008 19:36:18	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	32647	No
269	GOM_NL__2PRFIN20080528_193823_000000412069_00028_32647_3511.N1	28-MAY-2008 19:38:23	Twilight	40.500	136	23Tau Sco	2.8220	30000.	81	32647	No
270	GOM_NL__2PRFIN20080528_194031_000000402069_00028_32647_3512.N1	28-MAY-2008 19:40:31	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32647	No
271	GOM_NL__2PRFIN20080528_194207_000000482069_00028_32647_3513.N1	28-MAY-2008 19:42:07	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32647	No
272	GOM_NL__2PRFIN20080528_194402_000000422069_00028_32647_3514.N1	28-MAY-2008 19:44:02	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32647	No
273	GOM_NL__2PRFIN20080528_194615_000000412069_00028_32647_3515.N1	28-MAY-2008 19:46:15	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32647	No
274	GOM_NL__2PRFIN20080528_194917_000000382069_00028_32647_3516.N1	28-MAY-2008 19:49:17	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32647	No
275	GOM_NL__2PRFIN20080528_195515_000000382069_00028_32647_3517.N1	28-MAY-2008 19:55:15	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32647	No
276	GOM_NL__2PRFIN20080528_195811_000000452069_00028_32647_3518.N1	28-MAY-2008 19:58:11	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32647	No
277	GOM_NL__2PRFIN20080528_200558_000000402069_00028_32647_3519.N1	28-MAY-2008 20:05:58	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32647	No
278	GOM_NL__2PRFIN20080528_200828_000000382069_00028_32647_3520.N1	28-MAY-2008 20:08:28	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32647	No

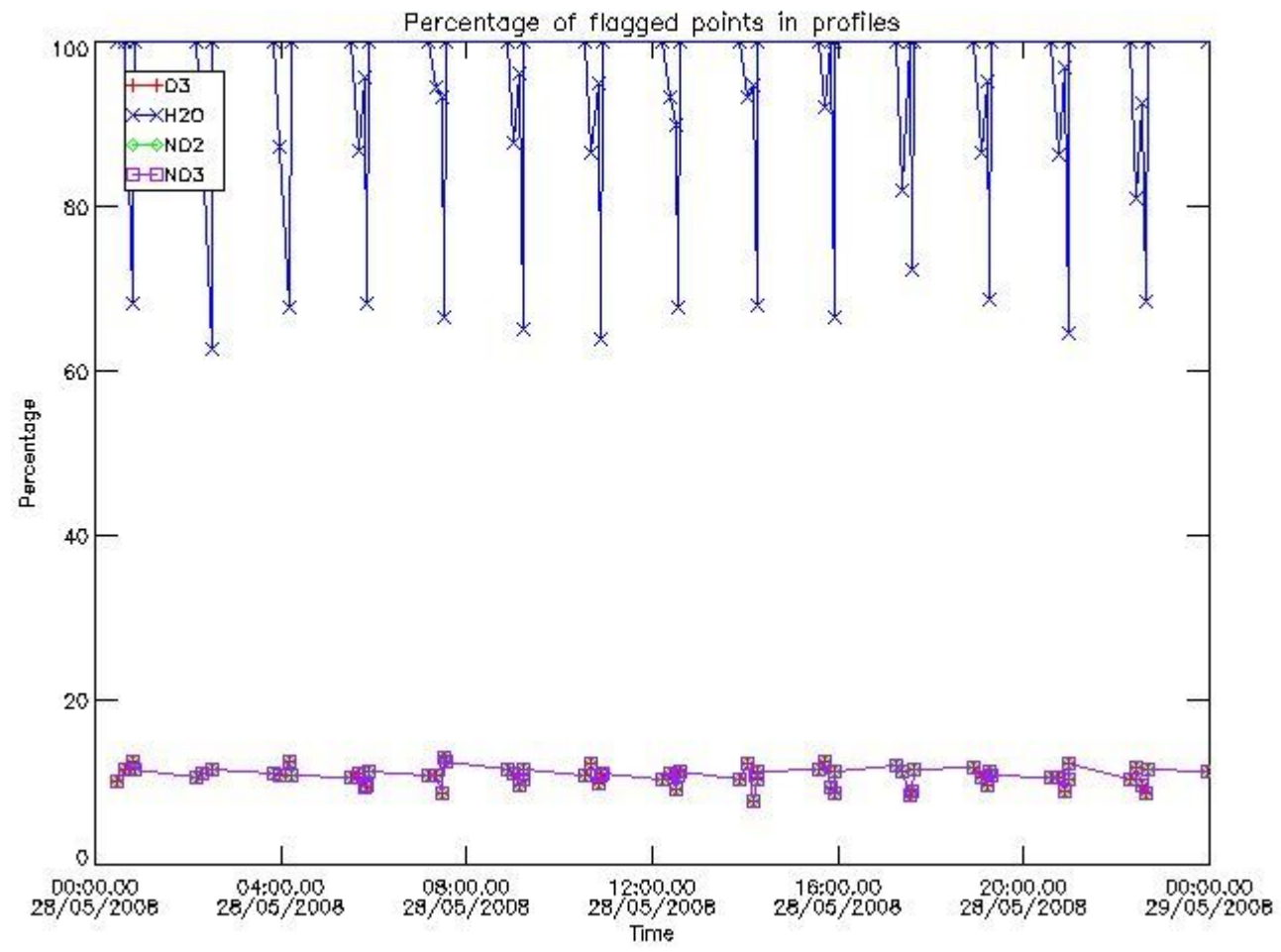
279	GOM_NL__2PRFIN20080528_201633_000000462069_00028_32647_3521.N1	28-MAY-2008 20:16:33	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32647	No
280	GOM_NL__2PRFIN20080528_202113_000000552069_00028_32647_3522.N1	28-MAY-2008 20:21:13	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32647	No
281	GOM_NL__2PRFIN20080528_202850_000000562069_00028_32647_3523.N1	28-MAY-2008 20:28:50	Bright	56.000	53	43Bet And	2.0480	3300.0	112	32647	No
282	GOM_NL__2PRFIN20080528_203128_000000522069_00028_32647_3524.N1	28-MAY-2008 20:31:28	Twilight	52.000	58	21Alp And	2.0730	11000.	104	32647	No
283	GOM_NL__2PRFIN20080528_203613_000000482069_00028_32647_3525.N1	28-MAY-2008 20:36:13	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32647	No
284	GOM_NL__2PRFIN20080528_204509_000000482069_00028_32647_3526.N1	28-MAY-2008 20:45:09	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32647	No
285	GOM_NL__2PRFIN20080528_205325_000000632069_00028_32647_3527.N1	28-MAY-2008 20:53:25	Dark	62.500	18	24Alp PsA	1.1660	9700.0	125	32647	No
286	GOM_NL__2PRFIN20080528_205659_000000542069_00029_32648_3543.N1	28-MAY-2008 20:56:59	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	32648	No
287	GOM_NL__2PRFIN20080528_205848_000000462069_00029_32648_3544.N1	28-MAY-2008 20:58:48	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32648	No
288	GOM_NL__2PRFIN20080528_210356_000000412069_00029_32648_3545.N1	28-MAY-2008 21:03:56	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32648	No
289	GOM_NL__2PRFIN20080528_211020_000000402069_00029_32648_3546.N1	28-MAY-2008 21:10:20	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32648	No
290	GOM_NL__2PRFIN20080528_211314_000000502069_00029_32648_3547.N1	28-MAY-2008 21:13:14	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32648	No
291	GOM_NL__2PRFIN20080528_211503_000000482069_00029_32648_3548.N1	28-MAY-2008 21:15:03	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	32648	No
292	GOM_NL__2PRFIN20080528_211654_000000452069_00029_32648_3549.N1	28-MAY-2008 21:16:54	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	32648	No
293	GOM_NL__2PRFIN20080528_211859_000000412069_00029_32648_3550.N1	28-MAY-2008 21:18:59	Twilight	40.500	136	23Tau Sco	2.8220	30000.	81	32648	No
294	GOM_NL__2PRFIN20080528_212107_000000412069_00029_32648_3551.N1	28-MAY-2008 21:21:07	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32648	No
295	GOM_NL__2PRFIN20080528_212243_000000472069_00029_32648_3552.N1	28-MAY-2008 21:22:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32648	No
296	GOM_NL__2PRFIN20080528_212437_000000432069_00029_32648_3553.N1	28-MAY-2008 21:24:37	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32648	No
297	GOM_NL__2PRFIN20080528_212651_000000412069_00029_32648_3554.N1	28-MAY-2008 21:26:51	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32648	No
298	GOM_NL__2PRFIN20080528_212953_000000382069_00029_32648_3555.N1	28-MAY-2008 21:29:53	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32648	No
299	GOM_NL__2PRFIN20080528_213551_000000382069_00029_32648_3556.N1	28-MAY-2008 21:35:51	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32648	No
300	GOM_NL__2PRFIN20080528_213847_000000432069_00029_32648_3557.N1	28-MAY-2008 21:38:47	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32648	No
301	GOM_NL__2PRFIN20080528_214633_000000402069_00029_32648_3558.N1	28-MAY-2008 21:46:33	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32648	No
302	GOM_NL__2PRFIN20080528_214904_000000372069_00029_32648_3559.N1	28-MAY-2008 21:49:04	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32648	No
303	GOM_NL__2PRFIN20080528_215709_000000452069_00029_32648_3560.N1	28-MAY-2008 21:57:09	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32648	No
304	GOM_NL__2PRFIN20080528_220149_000000552069_00029_32648_3561.N1	28-MAY-2008 22:01:49	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32648	No
305	GOM_NL__2PRFIN20080528_220926_000000422069_00029_32648_3562.N1	28-MAY-2008 22:09:26	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32648	No
306	GOM_NL__2PRFIN20080528_221204_000000502069_00029_32648_3563.N1	28-MAY-2008 22:12:04	Twilight	50.000	58	21Alp And	2.0730	11000.	100	32648	No
307	GOM_NL__2PRFIN20080528_221649_000000502069_00029_32648_3564.N1	28-MAY-2008 22:16:49	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32648	No
308	GOM_NL__2PRFIN20080528_222545_000000482069_00029_32648_3565.N1	28-MAY-2008 22:25:45	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32648	No
309	GOM_NL__2PRFIN20080528_223402_000000542069_00029_32648_3566.N1	28-MAY-2008 22:34:02	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	32648	No
310	GOM_NL__2PRFIN20080528_223736_000000592069_00030_32649_3515.N1	28-MAY-2008 22:37:36	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32649	No
311	GOM_NL__2PRFIN20080528_223925_000000452069_00030_32649_3516.N1	28-MAY-2008 22:39:25	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32649	No
312	GOM_NL__2PRFIN20080528_224433_000000422069_00030_32649_3517.N1	28-MAY-2008 22:44:33	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32649	No
313	GOM_NL__2PRFIN20080528_225057_000000412069_00030_32649_3518.N1	28-MAY-2008 22:50:57	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32649	No
314	GOM_NL__2PRFIN20080528_225350_000000472069_00030_32649_3519.N1	28-MAY-2008 22:53:50	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32649	No
315	GOM_NL__2PRFIN20080528_225539_000000492069_00030_32649_3520.N1	28-MAY-2008 22:55:39	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	32649	No
316	GOM_NL__2PRFIN20080528_225730_000000462069_00030_32649_3521.N1	28-MAY-2008 22:57:30	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	32649	No
317	GOM_NL__2PRFIN20080528_225935_000000402069_00030_32649_3522.N1	28-MAY-2008 22:59:35	Twilight	40.000	136	23Tau Sco	2.8220	30000.	80	32649	No
318	GOM_NL__2PRFIN20080528_230143_000000412069_00030_32649_3523.N1	28-MAY-2008 23:01:43	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32649	No
319	GOM_NL__2PRFIN20080528_230319_000000472069_00030_32649_3524.N1	28-MAY-2008 23:03:19	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32649	No
320	GOM_NL__2PRFIN20080528_230513_000000412069_00030_32649_3525.N1	28-MAY-2008 23:05:13	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	32649	No
321	GOM_NL__2PRFIN20080528_230727_000000412069_00030_32649_3526.N1	28-MAY-2008 23:07:27	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32649	No
322	GOM_NL__2PRFIN20080528_231028_000000382069_00030_32649_3527.N1	28-MAY-2008 23:10:28	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32649	No
323	GOM_NL__2PRFIN20080528_231627_000000372069_00030_32649_3528.N1	28-MAY-2008 23:16:27	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	32649	No
324	GOM_NL__2PRFIN20080528_231922_000000452069_00030_32649_3529.N1	28-MAY-2008 23:19:22	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32649	No
325	GOM_NL__2PRFIN20080528_232709_000000402069_00030_32649_3530.N1	28-MAY-2008 23:27:09	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32649	No
326	GOM_NL__2PRFIN20080528_232939_000000372069_00030_32649_3531.N1	28-MAY-2008 23:29:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32649	No
327	GOM_NL__2PRFIN20080528_233744_000000462069_00030_32649_3532.N1	28-MAY-2008 23:37:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32649	No
328	GOM_NL__2PRFIN20080528_234224_000000412069_00030_32649_3533.N1	28-MAY-2008 23:42:24	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32649	No
329	GOM_NL__2PRFIN20080528_235002_000000422069_00030_32649_3534.N1	28-MAY-2008 23:50:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32649	No
330	GOM_NL__2PRFIN20080528_235240_000000532069_00030_32649_3535.N1	28-MAY-2008 23:52:40	Twilight	52.500	58	21Alp And	2.0730	11000.	105	32649	No
331	GOM_NL__2PRFIN20080528_235726_000000502069_00030_32649_3536.N1	28-MAY-2008 23:57:26	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32649	No

3. Quality information per product

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

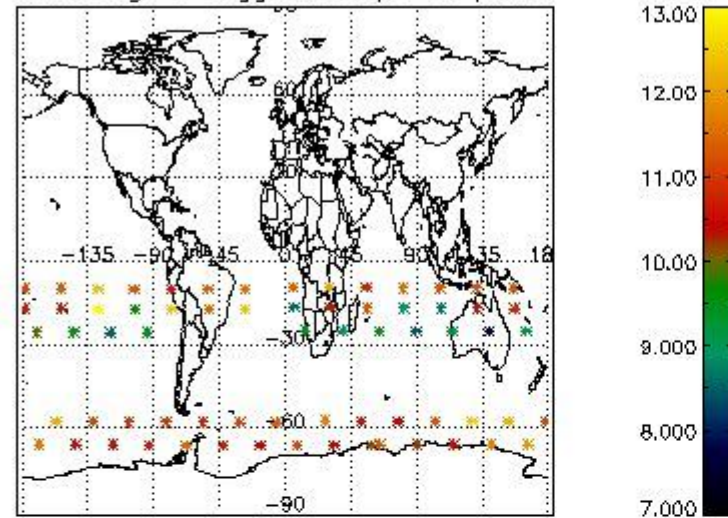
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

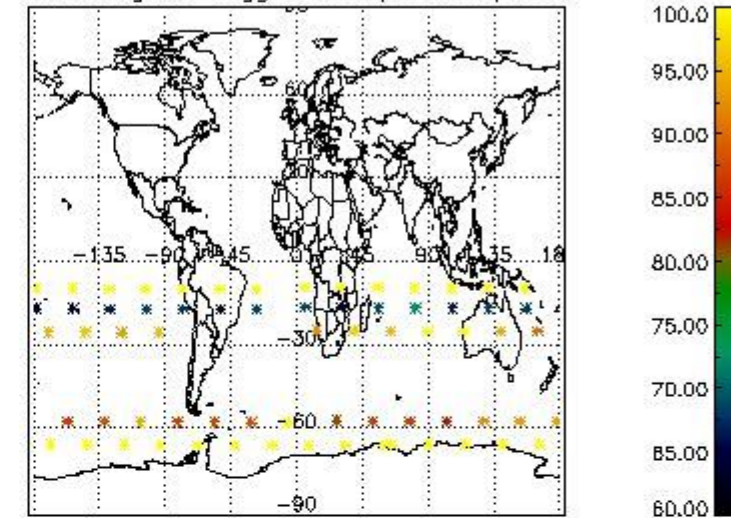


3.2 Plot quality information per product (world map)

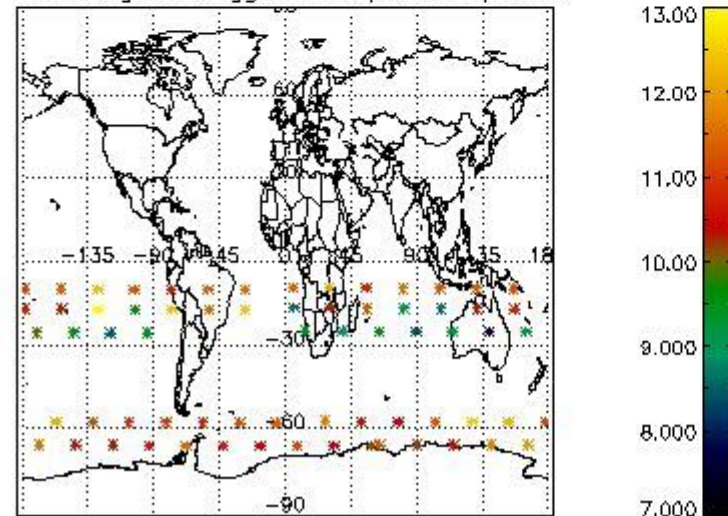
Percentage of flagged data per O3 profile



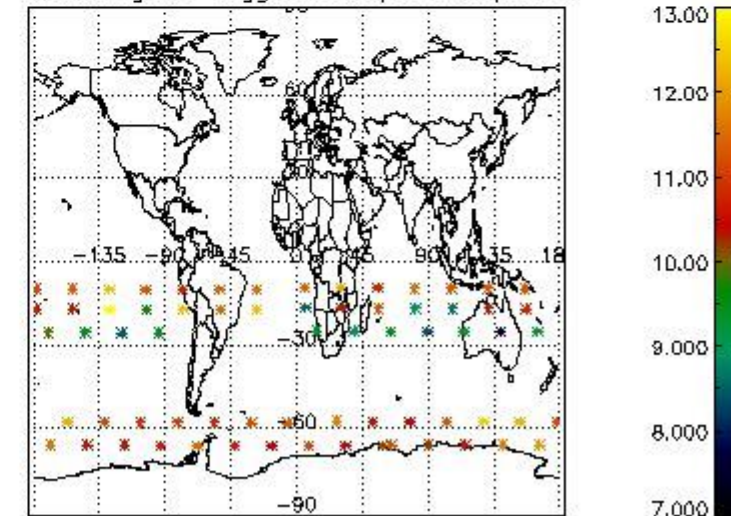
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

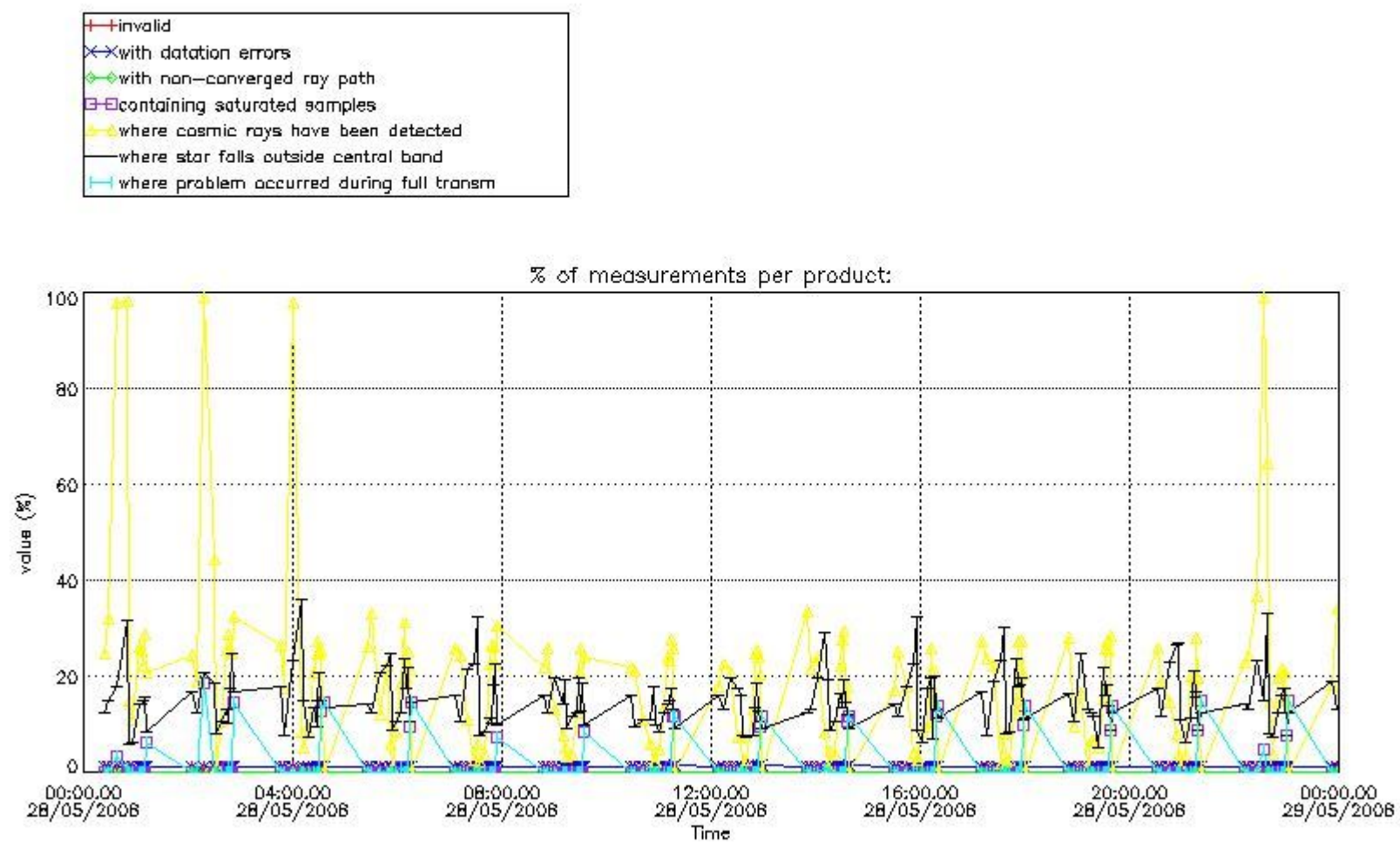


4. Level 1 quality information per product

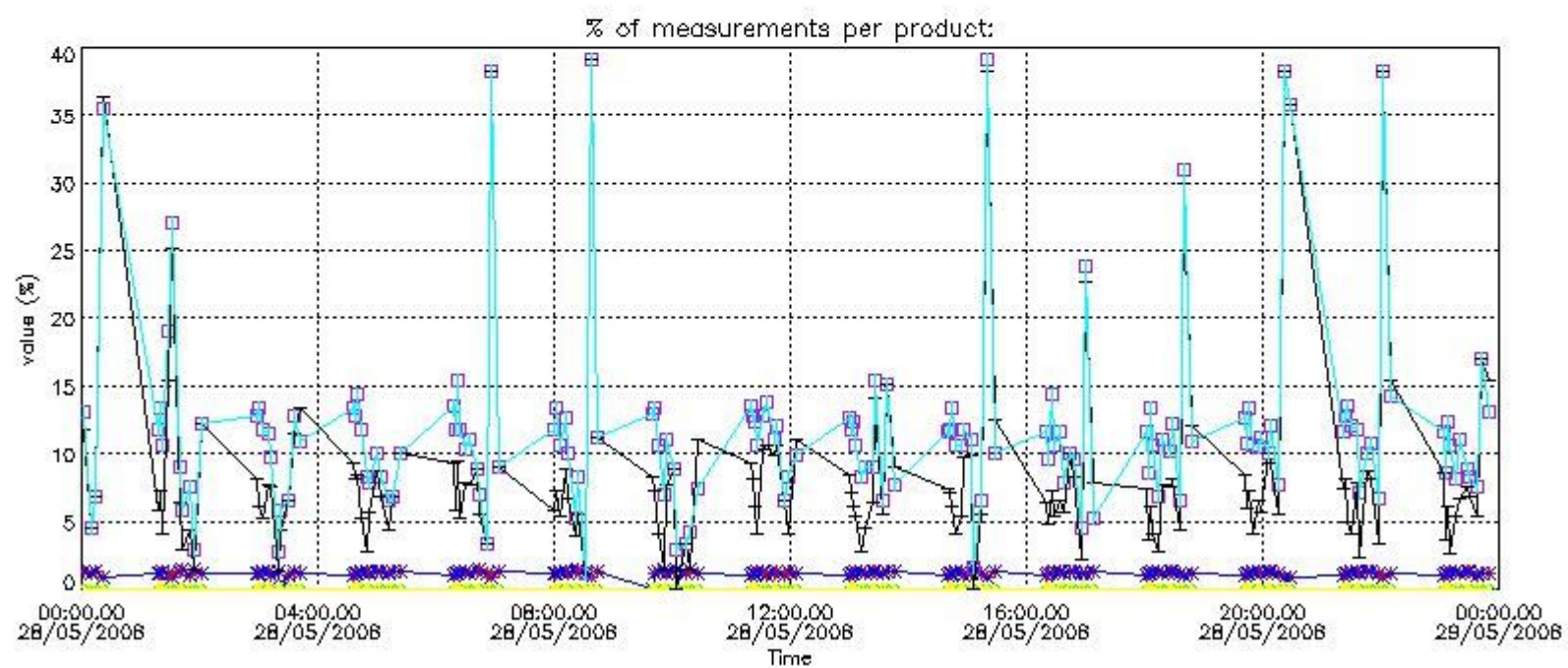
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



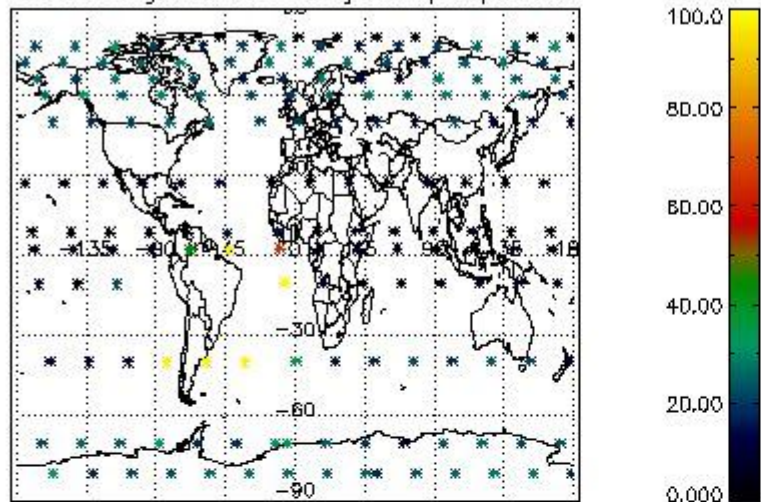
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



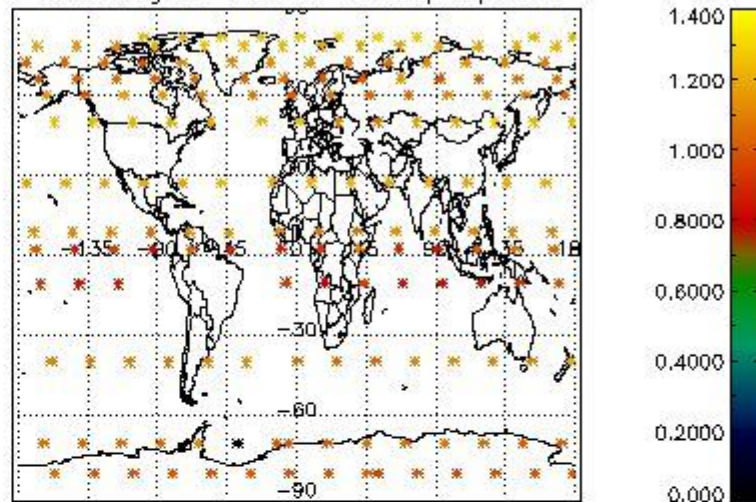
4.2 Plot quality information per product coming from level 1b processing (world map)

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

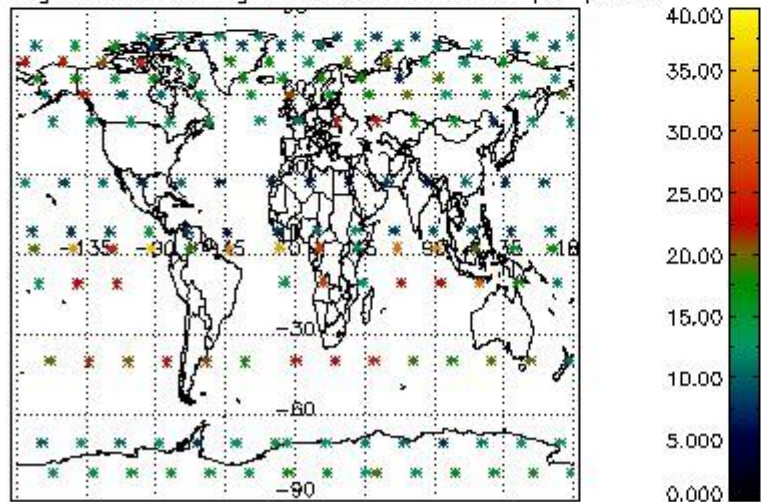
Percentage of cosmic ray hits per profile



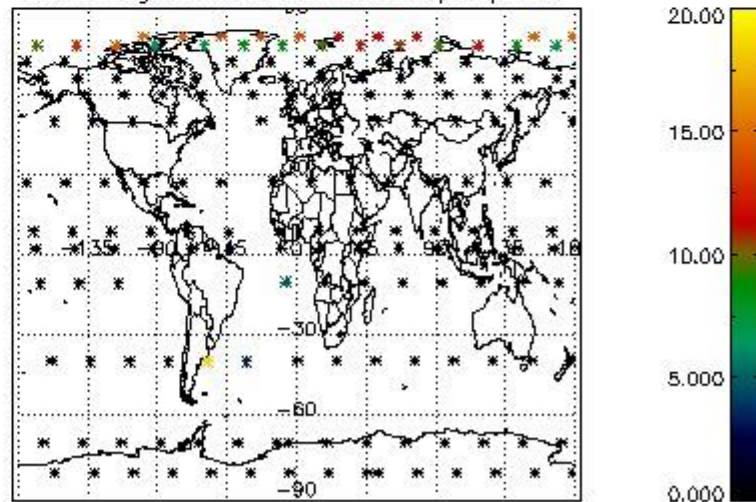
Percentage of datation errors per profile



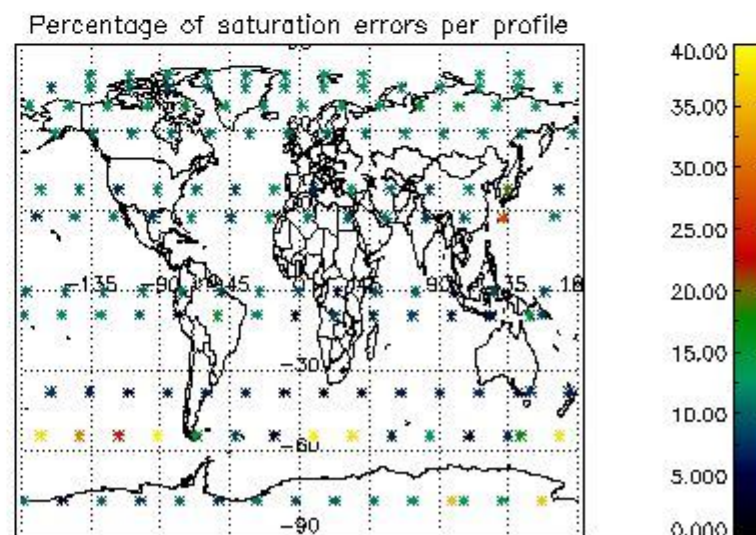
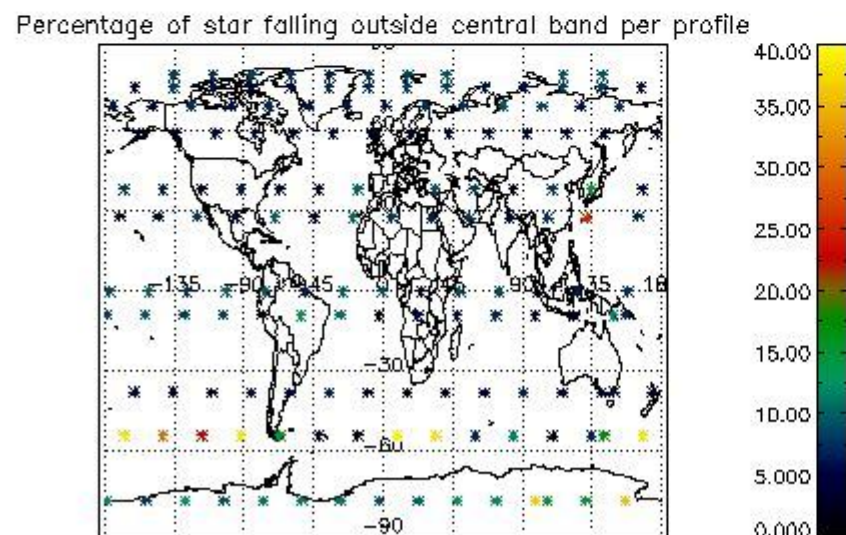
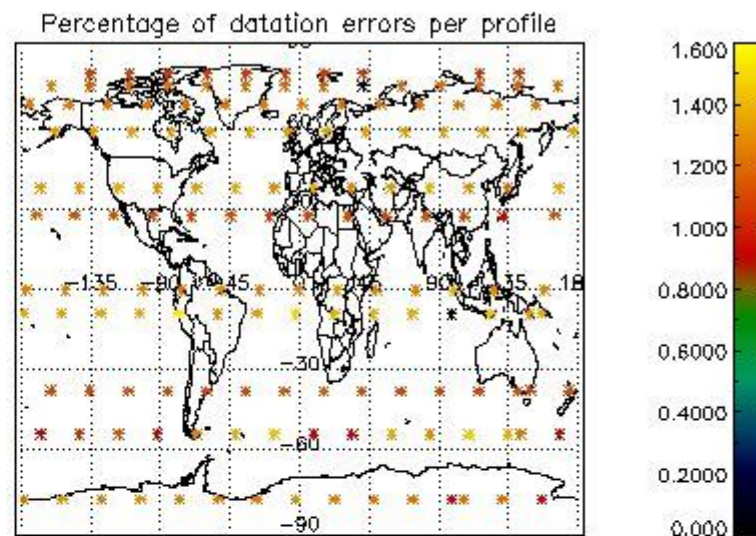
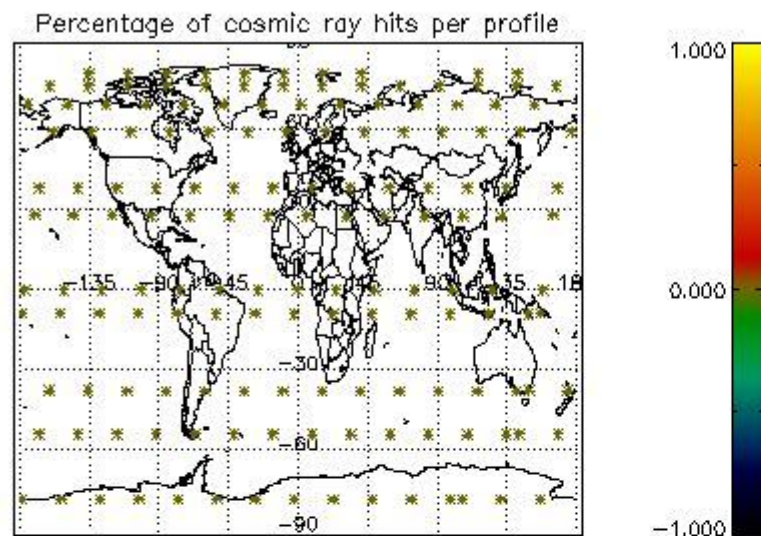
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

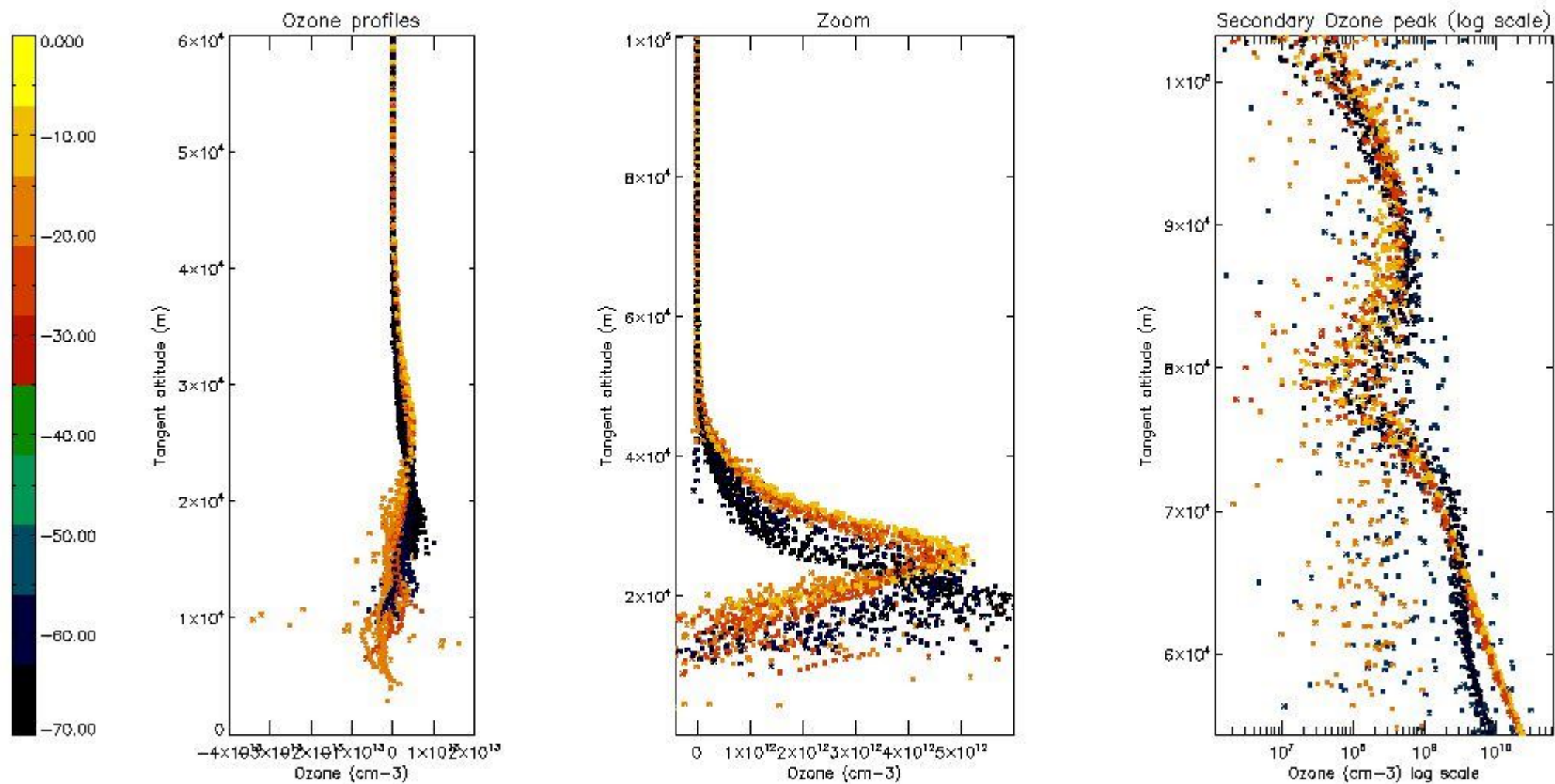
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	12

STD < 10	9
STD < 5	6

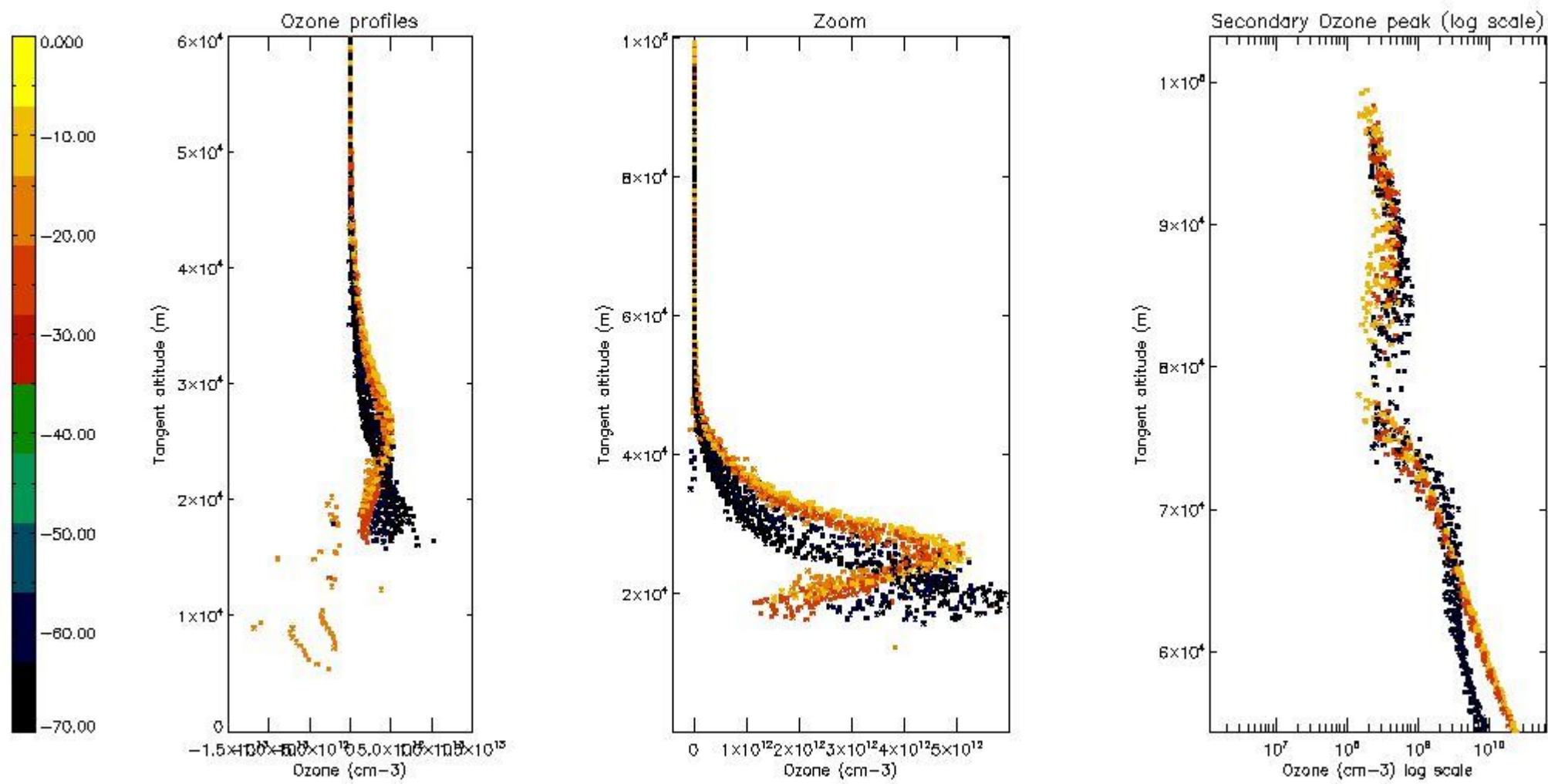
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



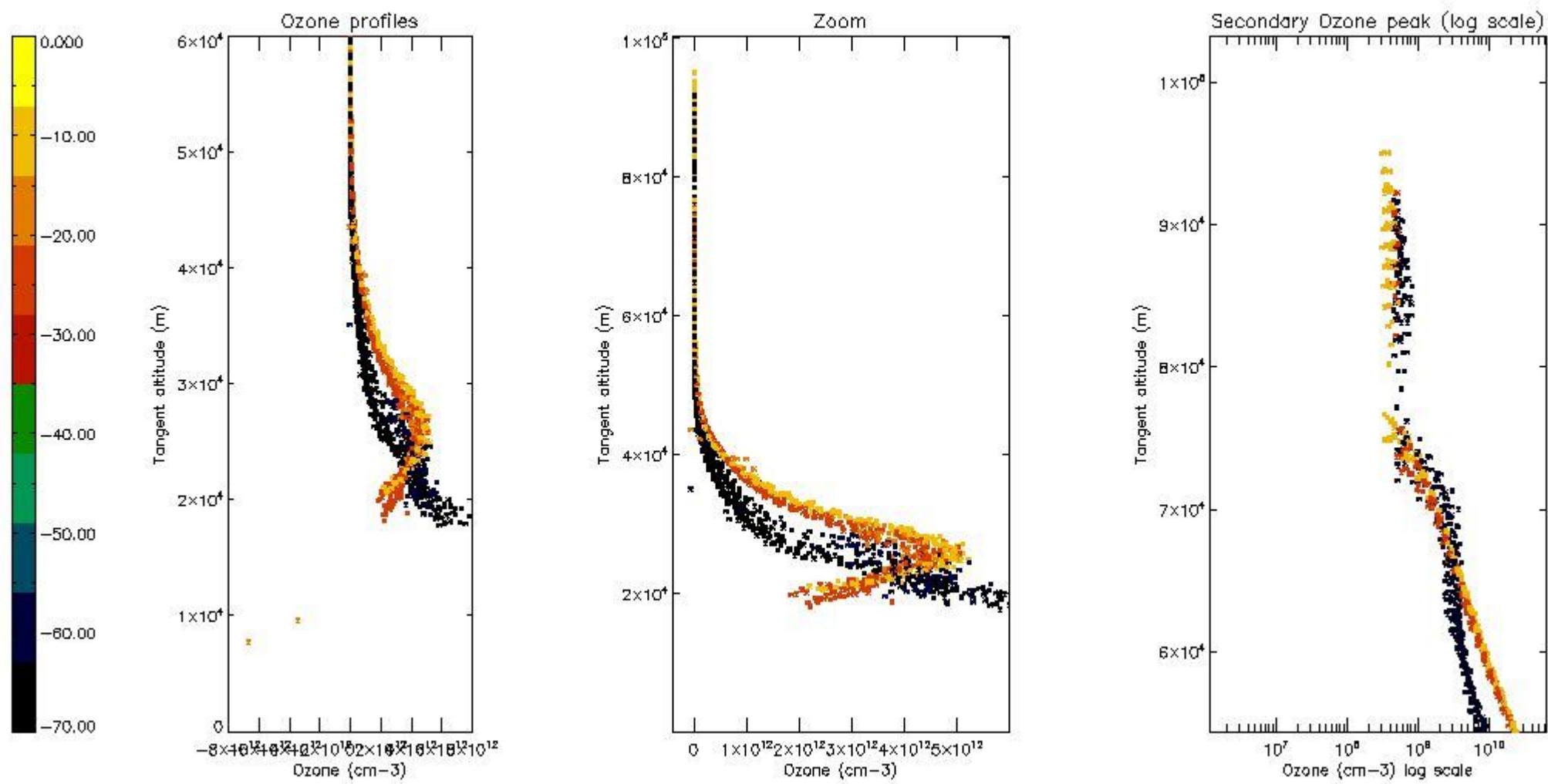
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



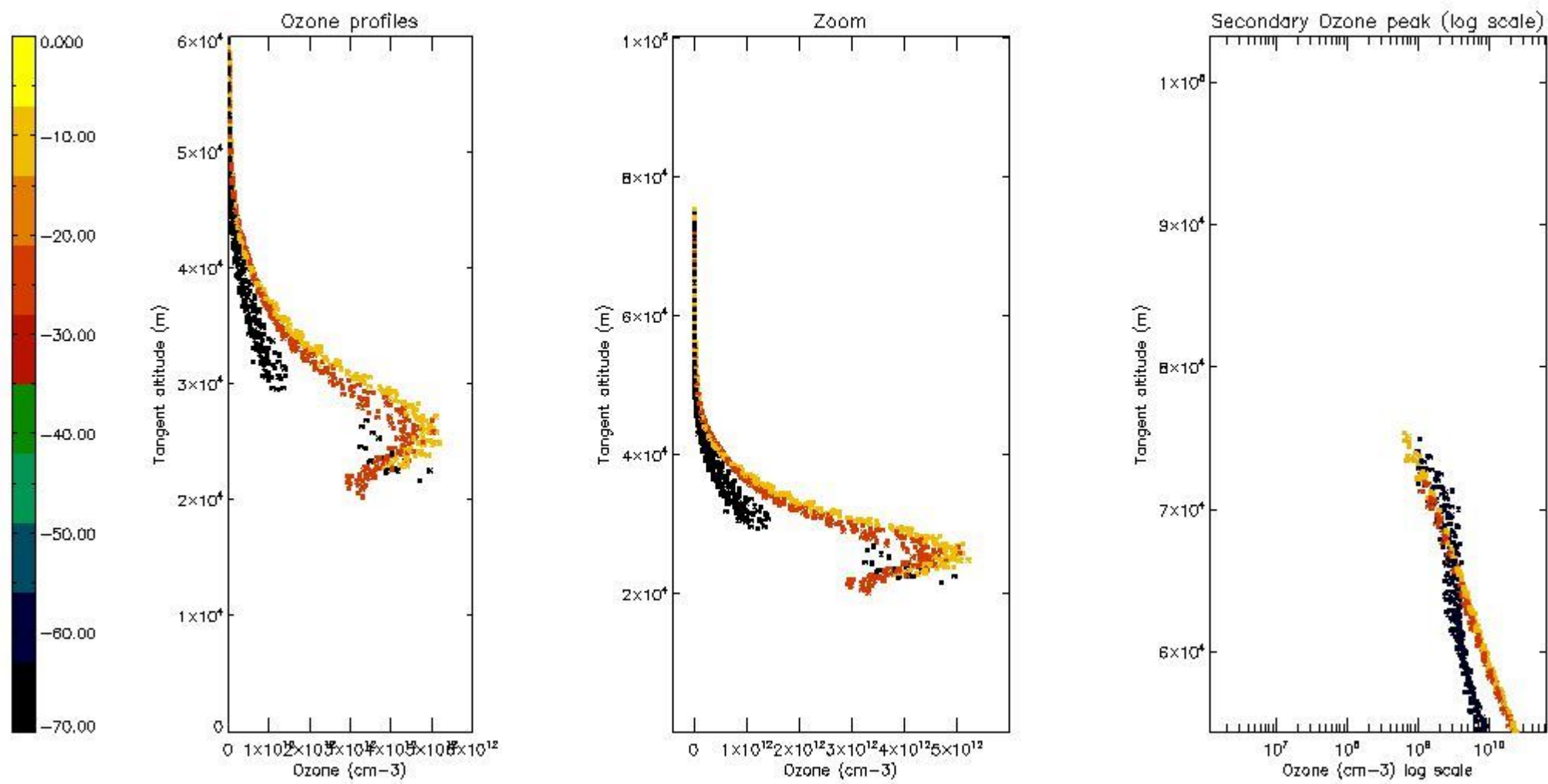
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



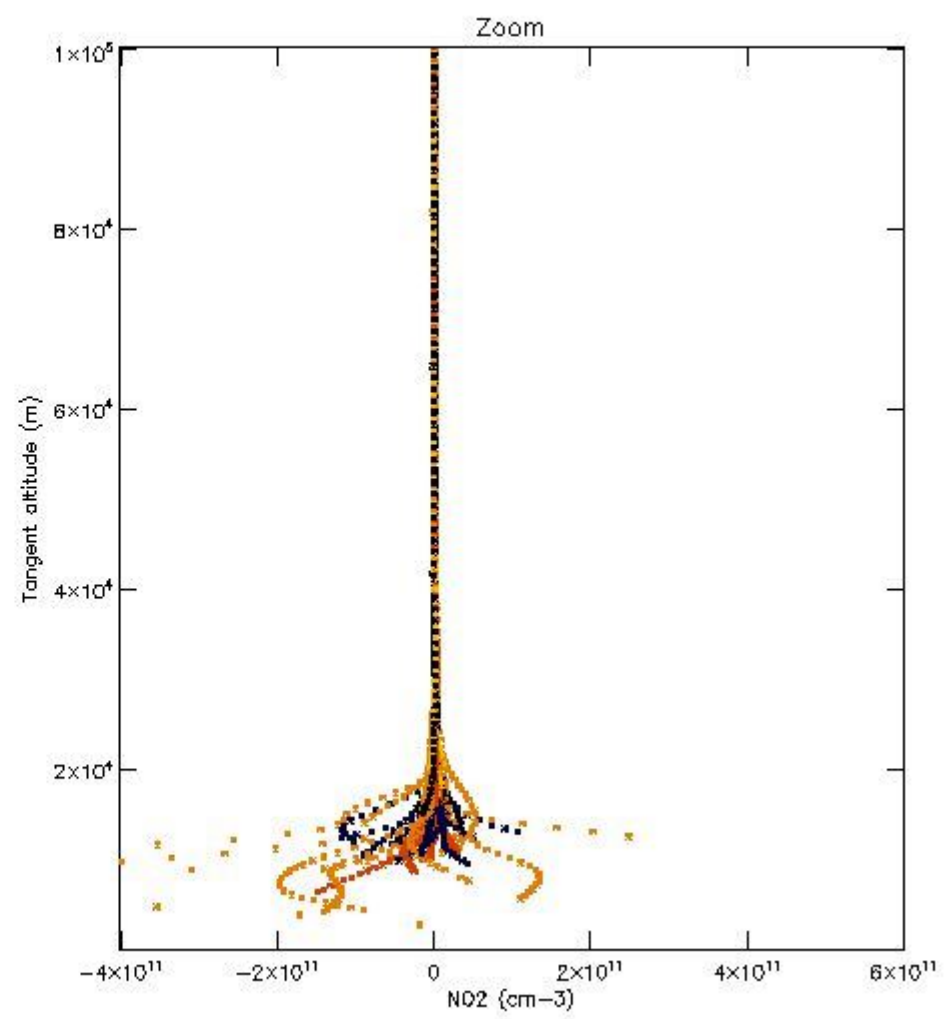
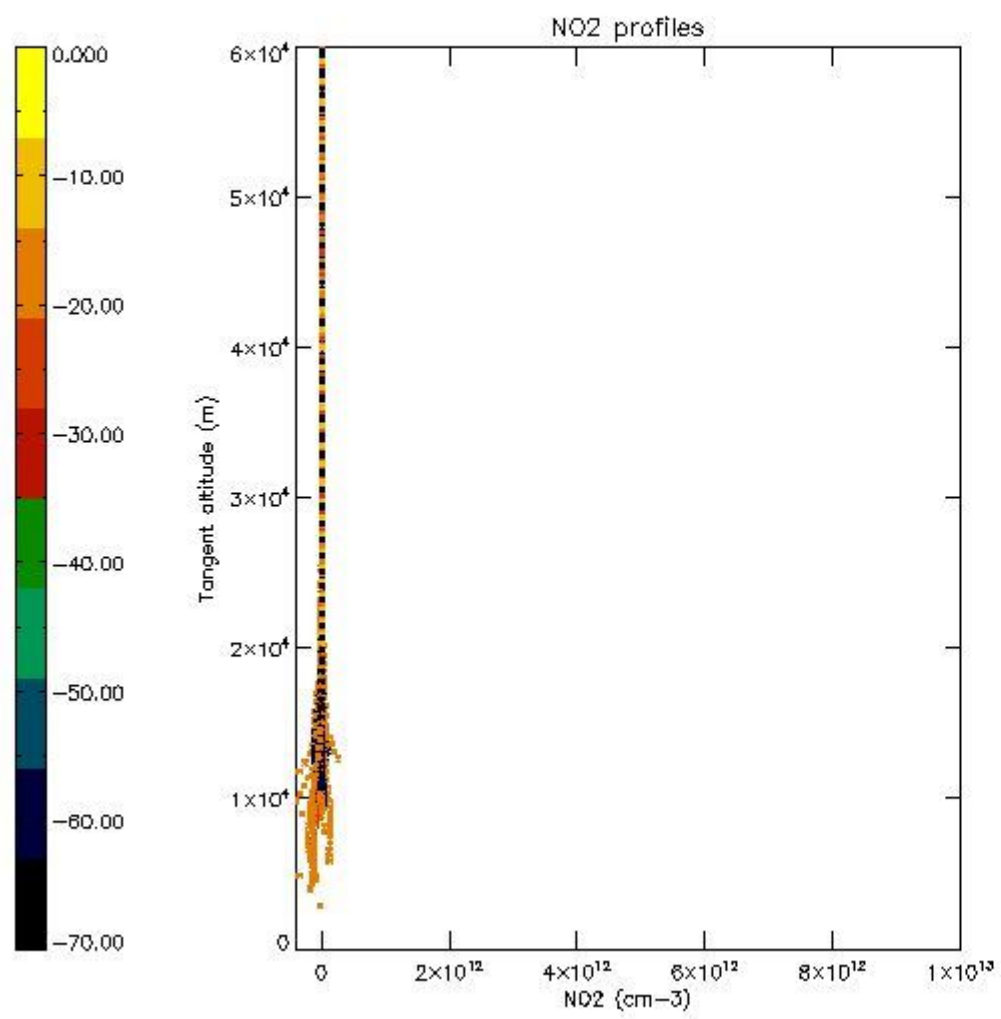
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



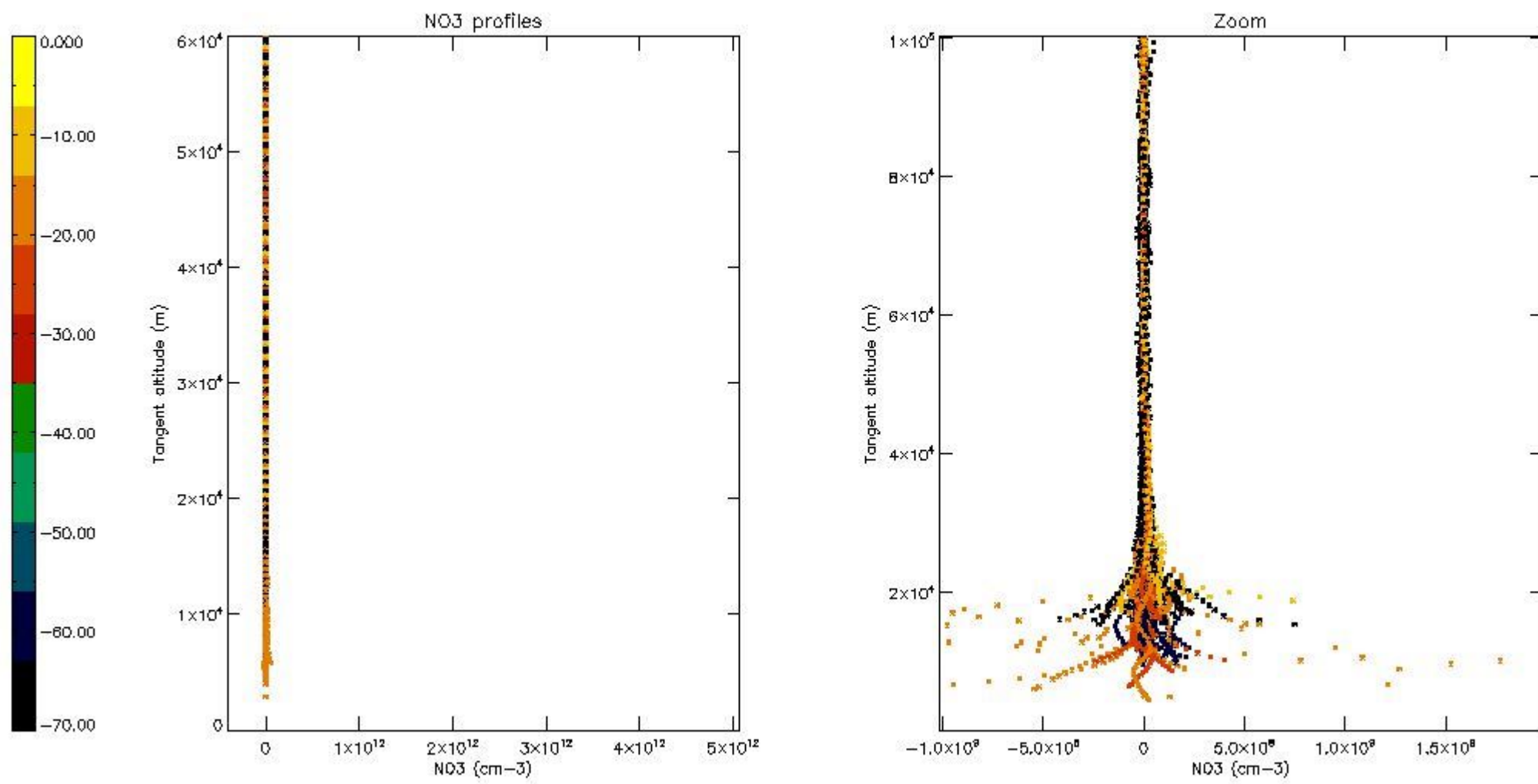
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



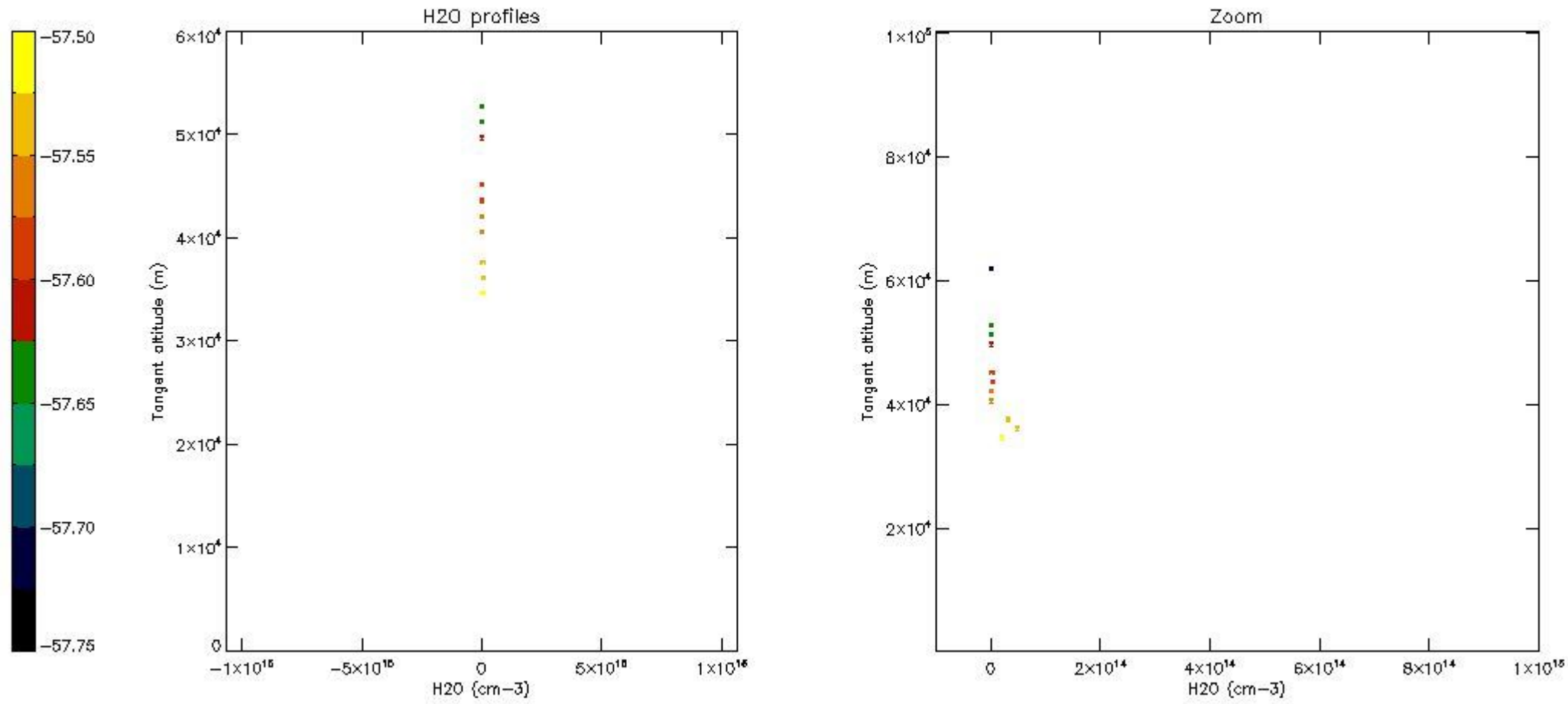
5.7 Plot NO3 profiles for all STD (dark without errors)

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	28-MAY-2008 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-MAY-2008 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-MAY-2008 00:01:17

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 14:50:15
Data source version	GOMOS/6.01
Start time of products	28-05-2008 (28MAY2008 00:00:00)
Stop time of products	29-05-2008 (29MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	331
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20080528_000117_000000382069_00016_32635_3401.N1	28-MAY-2008 00:01:17	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32635	No
2	GOM_NL__2PRFIN20080528_000929_000000452069_00016_32635_3402.N1	28-MAY-2008 00:09:29	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32635	No
3	GOM_NL__2PRFIN20080528_001402_000000372069_00016_32635_3403.N1	28-MAY-2008 00:14:02	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32635	No
4	GOM_NL__2PRFIN20080528_002138_000000552069_00016_32635_3404.N1	28-MAY-2008 00:21:38	Bright	55.000	53	43Bet And	2.0480	3300.0	110	32635	No
5	GOM_NL__2PRFIN20080528_002414_000000492069_00016_32635_3405.N1	28-MAY-2008 00:24:14	Twilight	48.500	58	21Alp And	2.0730	11000.	97	32635	No
6	GOM_NL__2PRFIN20080528_002856_000000502069_00016_32635_3406.N1	28-MAY-2008 00:28:56	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	32635	No
7	GOM_NL__2PRFIN20080528_003751_000000452069_00016_32635_3407.N1	28-MAY-2008 00:37:51	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32635	No
8	GOM_NL__2PRFIN20080528_004938_000000572069_00017_32636_3402.N1	28-MAY-2008 00:49:38	Dark	57.000	63	Bet Gru	2.1500	2800.0	114	32636	No
9	GOM_NL__2PRFIN20080528_005126_000000442069_00017_32636_3403.N1	28-MAY-2008 00:51:26	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32636	No
10	GOM_NL__2PRFIN20080528_005637_000000412069_00017_32636_3404.N1	28-MAY-2008 00:56:37	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32636	No
11	GOM_NL__2PRFIN20080528_010304_000000422069_00017_32636_3405.N1	28-MAY-2008 01:03:04	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	32636	No
12	GOM_NL__2PRFIN20080528_010557_000000462069_00017_32636_3406.N1	28-MAY-2008 01:05:57	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32636	No
13	GOM_NL__2PRFIN20080528_010746_000000482069_00017_32636_3407.N1	28-MAY-2008 01:07:46	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	32636	No
14	GOM_NL__2PRFIN20080528_010939_000000452069_00017_32636_3408.N1	28-MAY-2008 01:09:39	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	32636	No
15	GOM_NL__2PRFIN20080528_011145_000000412069_00017_32636_3409.N1	28-MAY-2008 01:11:45	Twilight	41.000	136	23Tau Sco	2.8220	30000.	82	32636	No
16	GOM_NL__2PRFIN20080528_011726_000000432069_00017_32636_3410.N1	28-MAY-2008 01:17:26	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32636	No
17	GOM_NL__2PRFIN20080528_011940_000000412069_00017_32636_3411.N1	28-MAY-2008 01:19:40	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32636	No
18	GOM_NL__2PRFIN20080528_012242_000000382069_00017_32636_3412.N1	28-MAY-2008 01:22:42	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32636	No
19	GOM_NL__2PRFIN20080528_012842_000000422069_00017_32636_3413.N1	28-MAY-2008 01:28:42	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	32636	No
20	GOM_NL__2PRFIN20080528_013142_000000562069_00017_32636_3414.N1	28-MAY-2008 01:31:42	Bright	55.500	133	40Zet Her	2.8070	6000.0	111	32636	No
21	GOM_NL__2PRFIN20080528_013926_000000392069_00017_32636_3415.N1	28-MAY-2008 01:39:26	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32636	No
22	GOM_NL__2PRFIN20080528_014153_000000352069_00017_32636_3416.N1	28-MAY-2008 01:41:53	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32636	No
23	GOM_NL__2PRFIN20080528_015004_000000462069_00017_32636_3417.N1	28-MAY-2008 01:50:04	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32636	No
24	GOM_NL__2PRFIN20080528_015438_000000352069_00017_32636_3418.N1	28-MAY-2008 01:54:38	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	32636	No
25	GOM_NL__2PRFIN20080528_020214_000000412069_00017_32636_3419.N1	28-MAY-2008 02:02:14	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32636	No
26	GOM_NL__2PRFIN20080528_020450_000000512069_00017_32636_3420.N1	28-MAY-2008 02:04:50	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32636	No
27	GOM_NL__2PRFIN20080528_020933_000000482069_00017_32636_3421.N1	28-MAY-2008 02:09:33	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32636	No
28	GOM_NL__2PRFIN20080528_021827_000000462069_00017_32636_3422.N1	28-MAY-2008 02:18:27	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32636	No
29	GOM_NL__2PRFIN20080528_023015_000000492069_00018_32637_3403.N1	28-MAY-2008 02:30:15	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32637	No
30	GOM_NL__2PRFIN20080528_023203_000000452069_00018_32637_3404.N1	28-MAY-2008 02:32:03	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32637	No
31	GOM_NL__2PRFIN20080528_023713_000000432069_00018_32637_3405.N1	28-MAY-2008 02:37:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32637	No
32	GOM_NL__2PRFIN20080528_024340_000000422069_00018_32637_3406.N1	28-MAY-2008 02:43:40	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	32637	No
33	GOM_NL__2PRFIN20080528_024633_000000442069_00018_32637_3407.N1	28-MAY-2008 02:46:33	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32637	No
34	GOM_NL__2PRFIN20080528_024822_000000492069_00018_32637_3408.N1	28-MAY-2008 02:48:22	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32637	No
35	GOM_NL__2PRFIN20080528_025015_000000512069_00018_32637_3409.N1	28-MAY-2008 02:50:15	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	32637	No
36	GOM_NL__2PRFIN20080528_025221_000000452069_00018_32637_3410.N1	28-MAY-2008 02:52:21	Twilight	45.000	136	23Tau Sco	2.8220	30000.	90	32637	No
37	GOM_NL__2PRFIN20080528_025802_000000432069_00018_32637_3411.N1	28-MAY-2008 02:58:02	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32637	No
38	GOM_NL__2PRFIN20080528_030016_000000412069_00018_32637_3412.N1	28-MAY-2008 03:00:16	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32637	No
39	GOM_NL__2PRFIN20080528_030318_000000382069_00018_32637_3413.N1	28-MAY-2008 03:03:18	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32637	No
40	GOM_NL__2PRFIN20080528_030918_000000392069_00018_32637_3414.N1	28-MAY-2008 03:09:18	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32637	No
41	GOM_NL__2PRFIN20080528_031218_000000462069_00018_32637_3415.N1	28-MAY-2008 03:12:18	Bright	46.000	133	40Zet Her	2.8070	6000.0	92	32637	No
42	GOM_NL__2PRFIN20080528_032002_000000372069_00018_32637_3416.N1	28-MAY-2008 03:20:02	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	32637	No

43	GOM_NL__2PRFIN20080528_032229_000000352069_00018_32637_3417.N1	28-MAY-2008 03:22:29	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32637	No
44	GOM_NL__2PRFIN20080528_033039_000000462069_00018_32637_3418.N1	28-MAY-2008 03:30:39	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32637	No
45	GOM_NL__2PRFIN20080528_033514_000000392069_00018_32637_3419.N1	28-MAY-2008 03:35:14	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32637	No
46	GOM_NL__2PRFIN20080528_034250_000000412069_00018_32637_3420.N1	28-MAY-2008 03:42:50	Bright	41.000	53	43Bet And	2.0480	3300.0	82	32637	No
47	GOM_NL__2PRFIN20080528_034527_000000512069_00018_32637_3421.N1	28-MAY-2008 03:45:27	Twi_and_stray	51.000	58	21Alp And	2.0730	11000.	102	32637	No
48	GOM_NL__2PRFIN20080528_035009_000000462069_00018_32637_3422.N1	28-MAY-2008 03:50:09	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	32637	No
49	GOM_NL__2PRFIN20080528_035904_000000472069_00018_32637_3423.N1	28-MAY-2008 03:59:04	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32637	No
50	GOM_NL__2PRFIN20080528_041052_000000612069_00019_32638_3407.N1	28-MAY-2008 04:10:52	Dark	61.000	63	Bet Gru	2.1500	2800.0	122	32638	No
51	GOM_NL__2PRFIN20080528_041240_000000482069_00019_32638_3408.N1	28-MAY-2008 04:12:40	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32638	No
52	GOM_NL__2PRFIN20080528_041750_000000422069_00019_32638_3409.N1	28-MAY-2008 04:17:50	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32638	No
53	GOM_NL__2PRFIN20080528_042417_000000412069_00019_32638_3410.N1	28-MAY-2008 04:24:17	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	32638	No
54	GOM_NL__2PRFIN20080528_042710_000000432069_00019_32638_3411.N1	28-MAY-2008 04:27:10	Straylight	42.500	40	The Sco	1.8590	7100.0	85	32638	No
55	GOM_NL__2PRFIN20080528_042859_000000482069_00019_32638_3412.N1	28-MAY-2008 04:28:59	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	32638	No
56	GOM_NL__2PRFIN20080528_043051_000000482069_00019_32638_3413.N1	28-MAY-2008 04:30:51	Twi_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32638	No
57	GOM_NL__2PRFIN20080528_043257_000000442069_00019_32638_3414.N1	28-MAY-2008 04:32:57	Twi_and_stray	43.500	136	23Tau Sco	2.8220	30000.	87	32638	No
58	GOM_NL__2PRFIN20080528_043506_000000412069_00019_32638_3415.N1	28-MAY-2008 04:35:06	Bright	41.000	80	7Del Sco	2.3160	30000.	82	32638	No
59	GOM_NL__2PRFIN20080528_043643_000000492069_00019_32638_3416.N1	28-MAY-2008 04:36:43	Bright	48.500	86	35Eta Oph	2.4300	10200.	97	32638	No
60	GOM_NL__2PRFIN20080528_043838_000000432069_00019_32638_3417.N1	28-MAY-2008 04:38:38	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32638	No
61	GOM_NL__2PRFIN20080528_044052_000000422069_00019_32638_3418.N1	28-MAY-2008 04:40:52	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32638	No
62	GOM_NL__2PRFIN20080528_044354_000000382069_00019_32638_3419.N1	28-MAY-2008 04:43:54	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32638	No
63	GOM_NL__2PRFIN20080528_044954_000000372069_00019_32638_3420.N1	28-MAY-2008 04:49:54	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32638	No
64	GOM_NL__2PRFIN20080528_045253_000000452069_00019_32638_3421.N1	28-MAY-2008 04:52:53	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32638	No
65	GOM_NL__2PRFIN20080528_050037_000000402069_00019_32638_3422.N1	28-MAY-2008 05:00:37	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32638	No
66	GOM_NL__2PRFIN20080528_050305_000000372069_00019_32638_3423.N1	28-MAY-2008 05:03:05	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32638	No
67	GOM_NL__2PRFIN20080528_051115_000000462069_00019_32638_3424.N1	28-MAY-2008 05:11:15	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32638	No
68	GOM_NL__2PRFIN20080528_051550_000000372069_00019_32638_3425.N1	28-MAY-2008 05:15:50	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32638	No
69	GOM_NL__2PRFIN20080528_052326_000000402069_00019_32638_3426.N1	28-MAY-2008 05:23:26	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32638	No
70	GOM_NL__2PRFIN20080528_052603_000000502069_00019_32638_3427.N1	28-MAY-2008 05:26:03	Twi_and_stray	49.500	58	21Alp And	2.0730	11000.	99	32638	No
71	GOM_NL__2PRFIN20080528_053045_000000492069_00019_32638_3428.N1	28-MAY-2008 05:30:45	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32638	No
72	GOM_NL__2PRFIN20080528_053940_000000462069_00019_32638_3429.N1	28-MAY-2008 05:39:40	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	32638	No
73	GOM_NL__2PRFIN20080528_054751_000000592069_00019_32638_3430.N1	28-MAY-2008 05:47:51	Dark	59.000	18	24Alp PsA	1.1660	9700.0	118	32638	No
74	GOM_NL__2PRFIN20080528_055128_000000532069_00020_32639_3423.N1	28-MAY-2008 05:51:28	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	32639	No
75	GOM_NL__2PRFIN20080528_055316_000000452069_00020_32639_3424.N1	28-MAY-2008 05:53:16	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32639	No
76	GOM_NL__2PRFIN20080528_055827_000000432069_00020_32639_3425.N1	28-MAY-2008 05:58:27	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32639	No
77	GOM_NL__2PRFIN20080528_060453_000000412069_00020_32639_3426.N1	28-MAY-2008 06:04:53	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32639	No
78	GOM_NL__2PRFIN20080528_060746_000000512069_00020_32639_3427.N1	28-MAY-2008 06:07:46	Straylight	51.000	40	The Sco	1.8590	7100.0	102	32639	No
79	GOM_NL__2PRFIN20080528_060935_000000492069_00020_32639_3428.N1	28-MAY-2008 06:09:35	Twi_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	32639	No
80	GOM_NL__2PRFIN20080528_061128_000000482069_00020_32639_3429.N1	28-MAY-2008 06:11:28	Twi_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	32639	No
81	GOM_NL__2PRFIN20080528_061333_000000422069_00020_32639_3430.N1	28-MAY-2008 06:13:33	Twi_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	32639	No
82	GOM_NL__2PRFIN20080528_061542_000000412069_00020_32639_3431.N1	28-MAY-2008 06:15:42	Bright	41.000	80	7Del Sco	2.3160	30000.	82	32639	No
83	GOM_NL__2PRFIN20080528_061719_000000482069_00020_32639_3432.N1	28-MAY-2008 06:17:19	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	32639	No
84	GOM_NL__2PRFIN20080528_061914_000000432069_00020_32639_3433.N1	28-MAY-2008 06:19:14	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32639	No
85	GOM_NL__2PRFIN20080528_062128_000000422069_00020_32639_3434.N1	28-MAY-2008 06:21:28	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	32639	No
86	GOM_NL__2PRFIN20080528_062430_000000382069_00020_32639_3435.N1	28-MAY-2008 06:24:30	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	32639	No
87	GOM_NL__2PRFIN20080528_063029_000000392069_00020_32639_3436.N1	28-MAY-2008 06:30:29	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32639	No
88	GOM_NL__2PRFIN20080528_063329_000000462069_00020_32639_3437.N1	28-MAY-2008 06:33:29	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32639	No
89	GOM_NL__2PRFIN20080528_064113_000000402069_00020_32639_3438.N1	28-MAY-2008 06:41:13	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32639	No
90	GOM_NL__2PRFIN20080528_064341_000000362069_00020_32639_3439.N1	28-MAY-2008 06:43:41	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32639	No
91	GOM_NL__2PRFIN20080528_065150_000000452069_00020_32639_3440.N1	28-MAY-2008 06:51:50	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32639	No
92	GOM_NL__2PRFIN20080528_065626_000000552069_00020_32639_3441.N1	28-MAY-2008 06:56:26	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32639	No
93	GOM_NL__2PRFIN20080528_070402_000000392069_00020_32639_3442.N1	28-MAY-2008 07:04:02	Bright	39.000	53	43Bet And	2.0480	3300.0	78	32639	No
94	GOM_NL__2PRFIN20080528_070639_000000512069_00020_32639_3443.N1	28-MAY-2008 07:06:39	Twi_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32639	No
95	GOM_NL__2PRFIN20080528_071122_000000482069_00020_32639_3444.N1	28-MAY-2008 07:11:22	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32639	No
96	GOM_NL__2PRFIN20080528_072017_000000472069_00020_32639_3445.N1	28-MAY-2008 07:20:17	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	32639	No
97	GOM_NL__2PRFIN20080528_072828_000000602069_00020_32639_3446.N1	28-MAY-2008 07:28:28	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	32639	No
98	GOM_NL__2PRFIN20080528_073205_000000592069_00021_32640_3449.N1	28-MAY-2008 07:32:05	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32640	No
99	GOM_NL__2PRFIN20080528_073353_000000452069_00021_32640_3450.N1	28-MAY-2008 07:33:53	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32640	No
100	GOM_NL__2PRFIN20080528_073903_000000422069_00021_32640_3451.N1	28-MAY-2008 07:39:03	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32640	No
101	GOM_NL__2PRFIN20080528_074530_000000402069_00021_32640_3452.N1	28-MAY-2008 07:45:30	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32640	No

102	GOM_NL__2PRFIN20080528_074823_000000442069_00021_32640_3453.N1	28-MAY-2008 07:48:23	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32640	No
103	GOM_NL__2PRFIN20080528_075012_000000502069_00021_32640_3454.N1	28-MAY-2008 07:50:12	Tw_i_and_stray	49.500	25	35Lam Sco	1.6200	28000.	99	32640	No
104	GOM_NL__2PRFIN20080528_075204_000000492069_00021_32640_3455.N1	28-MAY-2008 07:52:04	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	32640	No
105	GOM_NL__2PRFIN20080528_075409_000000412069_00021_32640_3456.N1	28-MAY-2008 07:54:09	Tw_i_and_stray	41.000	136	23Tau Sco	2.8220	30000.	82	32640	No
106	GOM_NL__2PRFIN20080528_075950_000000432069_00021_32640_3457.N1	28-MAY-2008 07:59:50	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32640	No
107	GOM_NL__2PRFIN20080528_080204_000000412069_00021_32640_3458.N1	28-MAY-2008 08:02:04	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32640	No
108	GOM_NL__2PRFIN20080528_080506_000000382069_00021_32640_3459.N1	28-MAY-2008 08:05:06	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32640	No
109	GOM_NL__2PRFIN20080528_081105_000000402069_00021_32640_3460.N1	28-MAY-2008 08:11:05	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	32640	No
110	GOM_NL__2PRFIN20080528_081404_000000452069_00021_32640_3461.N1	28-MAY-2008 08:14:04	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32640	No
111	GOM_NL__2PRFIN20080528_082148_000000382069_00021_32640_3462.N1	28-MAY-2008 08:21:48	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	32640	No
112	GOM_NL__2PRFIN20080528_082417_000000362069_00021_32640_3463.N1	28-MAY-2008 08:24:17	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32640	No
113	GOM_NL__2PRFIN20080528_083226_000000432069_00021_32640_3464.N1	28-MAY-2008 08:32:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	32640	No
114	GOM_NL__2PRFIN20080528_083702_000000552069_00021_32640_3465.N1	28-MAY-2008 08:37:02	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32640	No
115	GOM_NL__2PRFIN20080528_084438_000000402069_00021_32640_3466.N1	28-MAY-2008 08:44:38	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32640	No
116	GOM_NL__2PRFIN20080528_084715_000000512069_00021_32640_3467.N1	28-MAY-2008 08:47:15	Tw_i_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32640	No
117	GOM_NL__2PRFIN20080528_085158_000000492069_00021_32640_3468.N1	28-MAY-2008 08:51:58	Dark	48.500	140	88Gam Peg	2.8340	26000.	97	32640	No
118	GOM_NL__2PRFIN20080528_090053_000000462069_00021_32640_3469.N1	28-MAY-2008 09:00:53	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32640	No
119	GOM_NL__2PRFIN20080528_090905_000000542069_00021_32640_3470.N1	28-MAY-2008 09:09:05	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	32640	No
120	GOM_NL__2PRFIN20080528_091242_000000492069_00022_32641_3462.N1	28-MAY-2008 09:12:42	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32641	No
121	GOM_NL__2PRFIN20080528_091430_000000452069_00022_32641_3463.N1	28-MAY-2008 09:14:30	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32641	No
122	GOM_NL__2PRFIN20080528_091940_000000432069_00022_32641_3464.N1	28-MAY-2008 09:19:40	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32641	No
123	GOM_NL__2PRFIN20080528_092606_000000412069_00022_32641_3465.N1	28-MAY-2008 09:26:06	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32641	No
124	GOM_NL__2PRFIN20080528_092859_000000492069_00022_32641_3466.N1	28-MAY-2008 09:28:59	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32641	No
125	GOM_NL__2PRFIN20080528_093048_000000472069_00022_32641_3467.N1	28-MAY-2008 09:30:48	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	32641	No
126	GOM_NL__2PRFIN20080528_093240_000000462069_00022_32641_3468.N1	28-MAY-2008 09:32:40	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	32641	No
127	GOM_NL__2PRFIN20080528_093446_000000422069_00022_32641_3469.N1	28-MAY-2008 09:34:46	Tw_i_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	32641	No
128	GOM_NL__2PRFIN20080528_094026_000000432069_00022_32641_3470.N1	28-MAY-2008 09:40:26	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32641	No
129	GOM_NL__2PRFIN20080528_094240_000000412069_00022_32641_3471.N1	28-MAY-2008 09:42:40	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32641	No
130	GOM_NL__2PRFIN20080528_094542_000000382069_00022_32641_3472.N1	28-MAY-2008 09:45:42	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32641	No
131	GOM_NL__2PRFIN20080528_095141_000000362069_00022_32641_3473.N1	28-MAY-2008 09:51:41	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	32641	No
132	GOM_NL__2PRFIN20080528_095439_000000462069_00022_32641_3474.N1	28-MAY-2008 09:54:39	Bright	45.500	133	40Zet Her	2.8070	6000.0	91	32641	No
133	GOM_NL__2PRFIN20080528_100224_000000402069_00022_32641_3475.N1	28-MAY-2008 10:02:24	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32641	No
134	GOM_NL__2PRFIN20080528_100452_000000342069_00022_32641_3476.N1	28-MAY-2008 10:04:52	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	32641	No
135	GOM_NL__2PRFIN20080528_101301_000000452069_00022_32641_3477.N1	28-MAY-2008 10:13:01	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32641	No
136	GOM_NL__2PRFIN20080528_101738_000000352069_00022_32641_3478.N1	28-MAY-2008 10:17:38	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32641	No
137	GOM_NL__2PRFIN20080528_102514_000000412069_00022_32641_3479.N1	28-MAY-2008 10:25:14	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32641	No
138	GOM_NL__2PRFIN20080528_102751_000000512069_00022_32641_3480.N1	28-MAY-2008 10:27:51	Tw_i_and_stray	50.500	58	21Alp And	2.0730	11000.	101	32641	No
139	GOM_NL__2PRFIN20080528_103235_000000482069_00022_32641_3481.N1	28-MAY-2008 10:32:35	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32641	No
140	GOM_NL__2PRFIN20080528_104130_000000422069_00022_32641_3482.N1	28-MAY-2008 10:41:30	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32641	No
141	GOM_NL__2PRFIN20080528_104942_000000512069_00022_32641_3483.N1	28-MAY-2008 10:49:42	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	32641	No
142	GOM_NL__2PRFIN20080528_105319_000000482069_00023_32642_3463.N1	28-MAY-2008 10:53:19	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32642	No
143	GOM_NL__2PRFIN20080528_105507_000000462069_00023_32642_3464.N1	28-MAY-2008 10:55:07	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32642	No
144	GOM_NL__2PRFIN20080528_110016_000000422069_00023_32642_3465.N1	28-MAY-2008 11:00:16	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32642	No
145	GOM_NL__2PRFIN20080528_110642_000000412069_00023_32642_3466.N1	28-MAY-2008 11:06:42	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32642	No
146	GOM_NL__2PRFIN20080528_110935_000000462069_00023_32642_3467.N1	28-MAY-2008 11:09:35	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32642	No
147	GOM_NL__2PRFIN20080528_111124_000000472069_00023_32642_3468.N1	28-MAY-2008 11:11:24	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	32642	No
148	GOM_NL__2PRFIN20080528_111316_000000462069_00023_32642_3469.N1	28-MAY-2008 11:13:16	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	32642	No
149	GOM_NL__2PRFIN20080528_111522_000000432069_00023_32642_3470.N1	28-MAY-2008 11:15:22	Tw_i_and_stray	42.500	136	23Tau Sco	2.8220	30000.	85	32642	No
150	GOM_NL__2PRFIN20080528_111730_000000392069_00023_32642_3471.N1	28-MAY-2008 11:17:30	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32642	No
151	GOM_NL__2PRFIN20080528_111907_000000482069_00023_32642_3472.N1	28-MAY-2008 11:19:07	Bright	48.000	86	35Eta Oph	2.4300	10200.	96	32642	No
152	GOM_NL__2PRFIN20080528_112102_000000432069_00023_32642_3473.N1	28-MAY-2008 11:21:02	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32642	No
153	GOM_NL__2PRFIN20080528_112316_000000412069_00023_32642_3474.N1	28-MAY-2008 11:23:16	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32642	No
154	GOM_NL__2PRFIN20080528_112617_000000382069_00023_32642_3475.N1	28-MAY-2008 11:26:17	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32642	No
155	GOM_NL__2PRFIN20080528_113216_000000392069_00023_32642_3476.N1	28-MAY-2008 11:32:16	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	32642	No
156	GOM_NL__2PRFIN20080528_113514_000000472069_00023_32642_3477.N1	28-MAY-2008 11:35:14	Bright	47.000	133	40Zet Her	2.8070	6000.0	94	32642	No
157	GOM_NL__2PRFIN20080528_114300_000000412069_00023_32642_3478.N1	28-MAY-2008 11:43:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32642	No
158	GOM_NL__2PRFIN20080528_114528_000000382069_00023_32642_3479.N1	28-MAY-2008 11:45:28	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32642	No
159	GOM_NL__2PRFIN20080528_115336_000000462069_00023_32642_3480.N1	28-MAY-2008 11:53:36	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32642	No
160	GOM_NL__2PRFIN20080528_115813_000000372069_00023_32642_3481.N1	28-MAY-2008 11:58:13	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32642	No

161	GOM_NL__2PRFIN20080528_120550_000000412069_00023_32642_3482.N1	28-MAY-2008 12:05:50	Bright	40.500	53	43Bet And	2.0480	3300.0	81	32642	No
162	GOM_NL__2PRFIN20080528_120827_000000512069_00023_32642_3483.N1	28-MAY-2008 12:08:27	Twilight	50.500	58	21Alp And	2.0730	11000.	101	32642	No
163	GOM_NL__2PRFIN20080528_121311_000000492069_00023_32642_3484.N1	28-MAY-2008 12:13:11	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32642	No
164	GOM_NL__2PRFIN20080528_122206_000000462069_00023_32642_3485.N1	28-MAY-2008 12:22:06	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32642	No
165	GOM_NL__2PRFIN20080528_123019_000000552069_00023_32642_3486.N1	28-MAY-2008 12:30:19	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	32642	No
166	GOM_NL__2PRFIN20080528_123355_000000472069_00024_32643_3443.N1	28-MAY-2008 12:33:55	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32643	No
167	GOM_NL__2PRFIN20080528_123544_000000452069_00024_32643_3444.N1	28-MAY-2008 12:35:44	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32643	No
168	GOM_NL__2PRFIN20080528_124053_000000422069_00024_32643_3445.N1	28-MAY-2008 12:40:53	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32643	No
169	GOM_NL__2PRFIN20080528_124718_000000392069_00024_32643_3446.N1	28-MAY-2008 12:47:18	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	32643	No
170	GOM_NL__2PRFIN20080528_125012_000000452069_00024_32643_3447.N1	28-MAY-2008 12:50:12	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32643	No
171	GOM_NL__2PRFIN20080528_125201_000000492069_00024_32643_3448.N1	28-MAY-2008 12:52:01	Twilight	49.000	25	35Lam Sco	1.6200	28000.	98	32643	No
172	GOM_NL__2PRFIN20080528_125353_000000442069_00024_32643_3449.N1	28-MAY-2008 12:53:53	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	32643	No
173	GOM_NL__2PRFIN20080528_125558_000000422069_00024_32643_3450.N1	28-MAY-2008 12:55:58	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32643	No
174	GOM_NL__2PRFIN20080528_125806_000000392069_00024_32643_3451.N1	28-MAY-2008 12:58:06	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32643	No
175	GOM_NL__2PRFIN20080528_125943_000000482069_00024_32643_3452.N1	28-MAY-2008 12:59:43	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32643	No
176	GOM_NL__2PRFIN20080528_130138_000000432069_00024_32643_3453.N1	28-MAY-2008 13:01:38	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32643	No
177	GOM_NL__2PRFIN20080528_130352_000000412069_00024_32643_3454.N1	28-MAY-2008 13:03:52	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32643	No
178	GOM_NL__2PRFIN20080528_130653_000000382069_00024_32643_3455.N1	28-MAY-2008 13:06:53	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32643	No
179	GOM_NL__2PRFIN20080528_131252_000000372069_00024_32643_3456.N1	28-MAY-2008 13:12:52	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32643	No
180	GOM_NL__2PRFIN20080528_131550_000000452069_00024_32643_3457.N1	28-MAY-2008 13:15:50	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32643	No
181	GOM_NL__2PRFIN20080528_132335_000000392069_00024_32643_3458.N1	28-MAY-2008 13:23:35	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	32643	No
182	GOM_NL__2PRFIN20080528_132604_000000392069_00024_32643_3459.N1	28-MAY-2008 13:26:04	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32643	No
183	GOM_NL__2PRFIN20080528_133412_000000462069_00024_32643_3460.N1	28-MAY-2008 13:34:12	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32643	No
184	GOM_NL__2PRFIN20080528_133849_000000402069_00024_32643_3461.N1	28-MAY-2008 13:38:49	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32643	No
185	GOM_NL__2PRFIN20080528_134626_000000392069_00024_32643_3462.N1	28-MAY-2008 13:46:26	Bright	39.000	53	43Bet And	2.0480	3300.0	78	32643	No
186	GOM_NL__2PRFIN20080528_134903_000000482069_00024_32643_3463.N1	28-MAY-2008 13:49:03	Twilight	48.000	58	21Alp And	2.0730	11000.	96	32643	No
187	GOM_NL__2PRFIN20080528_135347_000000492069_00024_32643_3464.N1	28-MAY-2008 13:53:47	Dark	49.000	140	88Gam Peg	2.8340	26000.	98	32643	No
188	GOM_NL__2PRFIN20080528_140242_000000462069_00024_32643_3465.N1	28-MAY-2008 14:02:42	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	32643	No
189	GOM_NL__2PRFIN20080528_141056_000000662069_00024_32643_3466.N1	28-MAY-2008 14:10:56	Dark	65.500	18	24Alp PsA	1.1660	9700.0	131	32643	No
190	GOM_NL__2PRFIN20080528_141432_000000492069_00025_32644_3490.N1	28-MAY-2008 14:14:32	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32644	No
191	GOM_NL__2PRFIN20080528_141620_000000452069_00025_32644_3491.N1	28-MAY-2008 14:16:20	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32644	No
192	GOM_NL__2PRFIN20080528_142129_000000432069_00025_32644_3492.N1	28-MAY-2008 14:21:29	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32644	No
193	GOM_NL__2PRFIN20080528_142755_000000432069_00025_32644_3493.N1	28-MAY-2008 14:27:55	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	32644	No
194	GOM_NL__2PRFIN20080528_143048_000000452069_00025_32644_3494.N1	28-MAY-2008 14:30:48	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32644	No
195	GOM_NL__2PRFIN20080528_143237_000000502069_00025_32644_3495.N1	28-MAY-2008 14:32:37	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	32644	No
196	GOM_NL__2PRFIN20080528_143429_000000452069_00025_32644_3496.N1	28-MAY-2008 14:34:29	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	32644	No
197	GOM_NL__2PRFIN20080528_143634_000000422069_00025_32644_3497.N1	28-MAY-2008 14:36:34	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	32644	No
198	GOM_NL__2PRFIN20080528_143842_000000392069_00025_32644_3498.N1	28-MAY-2008 14:38:42	Bright	39.000	80	7Del Sco	2.3160	30000.	78	32644	No
199	GOM_NL__2PRFIN20080528_144019_000000472069_00025_32644_3499.N1	28-MAY-2008 14:40:19	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32644	No
200	GOM_NL__2PRFIN20080528_144214_000000432069_00025_32644_3500.N1	28-MAY-2008 14:42:14	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	32644	No
201	GOM_NL__2PRFIN20080528_144427_000000412069_00025_32644_3501.N1	28-MAY-2008 14:44:27	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32644	No
202	GOM_NL__2PRFIN20080528_144729_000000382069_00025_32644_3502.N1	28-MAY-2008 14:47:29	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32644	No
203	GOM_NL__2PRFIN20080528_145328_000000382069_00025_32644_3503.N1	28-MAY-2008 14:53:28	Bright	37.500	67	5Alp CrB	2.2210	11000.	75	32644	No
204	GOM_NL__2PRFIN20080528_145625_000000472069_00025_32644_3504.N1	28-MAY-2008 14:56:25	Bright	46.500	133	40Zet Her	2.8070	6000.0	93	32644	No
205	GOM_NL__2PRFIN20080528_150411_000000412069_00025_32644_3505.N1	28-MAY-2008 15:04:11	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	32644	No
206	GOM_NL__2PRFIN20080528_150640_000000332069_00025_32644_3506.N1	28-MAY-2008 15:06:40	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	32644	No
207	GOM_NL__2PRFIN20080528_151447_000000462069_00025_32644_3507.N1	28-MAY-2008 15:14:47	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32644	No
208	GOM_NL__2PRFIN20080528_151925_000000552069_00025_32644_3508.N1	28-MAY-2008 15:19:25	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32644	No
209	GOM_NL__2PRFIN20080528_152702_000000402069_00025_32644_3509.N1	28-MAY-2008 15:27:02	Bright	40.000	53	43Bet And	2.0480	3300.0	80	32644	No
210	GOM_NL__2PRFIN20080528_152940_000000502069_00025_32644_3510.N1	28-MAY-2008 15:29:40	Twilight	49.500	58	21Alp And	2.0730	11000.	99	32644	No
211	GOM_NL__2PRFIN20080528_153424_000000482069_00025_32644_3511.N1	28-MAY-2008 15:34:24	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32644	No
212	GOM_NL__2PRFIN20080528_154319_000000452069_00025_32644_3512.N1	28-MAY-2008 15:43:19	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	32644	No
213	GOM_NL__2PRFIN20080528_155133_000000602069_00025_32644_3513.N1	28-MAY-2008 15:51:33	Dark	60.000	18	24Alp PsA	1.1660	9700.0	120	32644	No
214	GOM_NL__2PRFIN20080528_155509_000000592069_00026_32645_3494.N1	28-MAY-2008 15:55:09	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32645	No
215	GOM_NL__2PRFIN20080528_155657_000000452069_00026_32645_3495.N1	28-MAY-2008 15:56:57	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32645	No
216	GOM_NL__2PRFIN20080528_160206_000000412069_00026_32645_3496.N1	28-MAY-2008 16:02:06	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32645	No
217	GOM_NL__2PRFIN20080528_160831_000000432069_00026_32645_3497.N1	28-MAY-2008 16:08:31	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	32645	No
218	GOM_NL__2PRFIN20080528_161124_000000492069_00026_32645_3498.N1	28-MAY-2008 16:11:24	Straylight	48.500	40	The Sco	1.8590	7100.0	97	32645	No
219	GOM_NL__2PRFIN20080528_161313_000000442069_00026_32645_3499.N1	28-MAY-2008 16:13:13	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32645	No

220	GOM_NL__2PRFIN20080528_161505_000000482069_00026_32645_3500.N1	28-MAY-2008 16:15:05	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	32645	No
221	GOM_NL__2PRFIN20080528_161710_000000432069_00026_32645_3501.N1	28-MAY-2008 16:17:10	Twilight	42.500	136	23Tau Sco	2.8220	30000.	85	32645	No
222	GOM_NL__2PRFIN20080528_161918_000000402069_00026_32645_3502.N1	28-MAY-2008 16:19:18	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32645	No
223	GOM_NL__2PRFIN20080528_162055_000000472069_00026_32645_3503.N1	28-MAY-2008 16:20:55	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32645	No
224	GOM_NL__2PRFIN20080528_162250_000000422069_00026_32645_3504.N1	28-MAY-2008 16:22:50	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	32645	No
225	GOM_NL__2PRFIN20080528_162503_000000422069_00026_32645_3505.N1	28-MAY-2008 16:25:03	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	32645	No
226	GOM_NL__2PRFIN20080528_162805_000000382069_00026_32645_3506.N1	28-MAY-2008 16:28:05	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32645	No
227	GOM_NL__2PRFIN20080528_163404_000000392069_00026_32645_3507.N1	28-MAY-2008 16:34:04	Bright	38.500	67	5Alp CrB	2.2210	11000.	77	32645	No
228	GOM_NL__2PRFIN20080528_163700_000000452069_00026_32645_3508.N1	28-MAY-2008 16:37:00	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32645	No
229	GOM_NL__2PRFIN20080528_164446_000000402069_00026_32645_3509.N1	28-MAY-2008 16:44:46	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32645	No
230	GOM_NL__2PRFIN20080528_164716_000000372069_00026_32645_3510.N1	28-MAY-2008 16:47:16	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32645	No
231	GOM_NL__2PRFIN20080528_165523_000000452069_00026_32645_3511.N1	28-MAY-2008 16:55:23	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	32645	No
232	GOM_NL__2PRFIN20080528_170001_000000442069_00026_32645_3512.N1	28-MAY-2008 17:00:01	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	32645	No
233	GOM_NL__2PRFIN20080528_170738_000000392069_00026_32645_3513.N1	28-MAY-2008 17:07:38	Bright	38.500	53	43Bet And	2.0480	3300.0	77	32645	No
234	GOM_NL__2PRFIN20080528_171016_000000512069_00026_32645_3514.N1	28-MAY-2008 17:10:16	Twilight	51.000	58	21Alp And	2.0730	11000.	102	32645	No
235	GOM_NL__2PRFIN20080528_171500_000000472069_00026_32645_3515.N1	28-MAY-2008 17:15:00	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	32645	No
236	GOM_NL__2PRFIN20080528_172356_000000452069_00026_32645_3516.N1	28-MAY-2008 17:23:56	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	32645	No
237	GOM_NL__2PRFIN20080528_173210_000000602069_00026_32645_3517.N1	28-MAY-2008 17:32:10	Dark	60.000	18	24Alp PsA	1.1660	9700.0	120	32645	No
238	GOM_NL__2PRFIN20080528_173546_000000572069_00027_32646_3496.N1	28-MAY-2008 17:35:46	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	32646	No
239	GOM_NL__2PRFIN20080528_173734_000000442069_00027_32646_3497.N1	28-MAY-2008 17:37:34	Dark	44.000	31	Alp Gru	1.7340	15200.	88	32646	No
240	GOM_NL__2PRFIN20080528_174243_000000422069_00027_32646_3498.N1	28-MAY-2008 17:42:43	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32646	No
241	GOM_NL__2PRFIN20080528_174908_000000472069_00027_32646_3499.N1	28-MAY-2008 17:49:08	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	32646	No
242	GOM_NL__2PRFIN20080528_175201_000000482069_00027_32646_3500.N1	28-MAY-2008 17:52:01	Straylight	47.500	40	The Sco	1.8590	7100.0	95	32646	No
243	GOM_NL__2PRFIN20080528_175350_000000502069_00027_32646_3501.N1	28-MAY-2008 17:53:50	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	32646	No
244	GOM_NL__2PRFIN20080528_175542_000000462069_00027_32646_3502.N1	28-MAY-2008 17:55:42	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	32646	No
245	GOM_NL__2PRFIN20080528_175747_000000422069_00027_32646_3503.N1	28-MAY-2008 17:57:47	Twilight	41.500	136	23Tau Sco	2.8220	30000.	83	32646	No
246	GOM_NL__2PRFIN20080528_175955_000000402069_00027_32646_3504.N1	28-MAY-2008 17:59:55	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32646	No
247	GOM_NL__2PRFIN20080528_180131_000000472069_00027_32646_3505.N1	28-MAY-2008 18:01:31	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32646	No
248	GOM_NL__2PRFIN20080528_180326_000000412069_00027_32646_3506.N1	28-MAY-2008 18:03:26	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	32646	No
249	GOM_NL__2PRFIN20080528_180539_000000412069_00027_32646_3507.N1	28-MAY-2008 18:05:39	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32646	No
250	GOM_NL__2PRFIN20080528_180841_000000382069_00027_32646_3508.N1	28-MAY-2008 18:08:41	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32646	No
251	GOM_NL__2PRFIN20080528_181439_000000372069_00027_32646_3509.N1	28-MAY-2008 18:14:39	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	32646	No
252	GOM_NL__2PRFIN20080528_181736_000000452069_00027_32646_3510.N1	28-MAY-2008 18:17:36	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32646	No
253	GOM_NL__2PRFIN20080528_182522_000000402069_00027_32646_3511.N1	28-MAY-2008 18:25:22	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32646	No
254	GOM_NL__2PRFIN20080528_182752_000000372069_00027_32646_3512.N1	28-MAY-2008 18:27:52	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32646	No
255	GOM_NL__2PRFIN20080528_183558_000000462069_00027_32646_3513.N1	28-MAY-2008 18:35:58	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32646	No
256	GOM_NL__2PRFIN20080528_184037_000000492069_00027_32646_3514.N1	28-MAY-2008 18:40:37	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	32646	No
257	GOM_NL__2PRFIN20080528_184814_000000422069_00027_32646_3515.N1	28-MAY-2008 18:48:14	Bright	41.500	53	43Bet And	2.0480	3300.0	83	32646	No
258	GOM_NL__2PRFIN20080528_185052_000000522069_00027_32646_3516.N1	28-MAY-2008 18:50:52	Twilight	51.500	58	21Alp And	2.0730	11000.	103	32646	No
259	GOM_NL__2PRFIN20080528_185537_000000482069_00027_32646_3517.N1	28-MAY-2008 18:55:37	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	32646	No
260	GOM_NL__2PRFIN20080528_190432_000000492069_00027_32646_3518.N1	28-MAY-2008 19:04:32	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	32646	No
261	GOM_NL__2PRFIN20080528_191248_000000532069_00027_32646_3519.N1	28-MAY-2008 19:12:48	Dark	53.000	18	24Alp PsA	1.1660	9700.0	106	32646	No
262	GOM_NL__2PRFIN20080528_191623_000000452069_00028_32647_3504.N1	28-MAY-2008 19:16:23	Dark	45.000	63	Bet Gru	2.1500	2800.0	90	32647	No
263	GOM_NL__2PRFIN20080528_191811_000000472069_00028_32647_3505.N1	28-MAY-2008 19:18:11	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32647	No
264	GOM_NL__2PRFIN20080528_192319_000000412069_00028_32647_3506.N1	28-MAY-2008 19:23:19	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32647	No
265	GOM_NL__2PRFIN20080528_192944_000000462069_00028_32647_3507.N1	28-MAY-2008 19:29:44	Straylight	45.500	141	Bet Ara	2.8400	4600.0	91	32647	No
266	GOM_NL__2PRFIN20080528_193237_000000472069_00028_32647_3508.N1	28-MAY-2008 19:32:37	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32647	No
267	GOM_NL__2PRFIN20080528_193426_000000502069_00028_32647_3509.N1	28-MAY-2008 19:34:26	Twilight	49.500	25	35Lam Sco	1.6200	28000.	99	32647	No
268	GOM_NL__2PRFIN20080528_193618_000000442069_00028_32647_3510.N1	28-MAY-2008 19:36:18	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	32647	No
269	GOM_NL__2PRFIN20080528_193823_000000412069_00028_32647_3511.N1	28-MAY-2008 19:38:23	Twilight	40.500	136	23Tau Sco	2.8220	30000.	81	32647	No
270	GOM_NL__2PRFIN20080528_194031_000000402069_00028_32647_3512.N1	28-MAY-2008 19:40:31	Bright	40.000	80	7Del Sco	2.3160	30000.	80	32647	No
271	GOM_NL__2PRFIN20080528_194207_000000482069_00028_32647_3513.N1	28-MAY-2008 19:42:07	Bright	47.500	86	35Eta Oph	2.4300	10200.	95	32647	No
272	GOM_NL__2PRFIN20080528_194402_000000422069_00028_32647_3514.N1	28-MAY-2008 19:44:02	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	32647	No
273	GOM_NL__2PRFIN20080528_194615_000000412069_00028_32647_3515.N1	28-MAY-2008 19:46:15	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	32647	No
274	GOM_NL__2PRFIN20080528_194917_000000382069_00028_32647_3516.N1	28-MAY-2008 19:49:17	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32647	No
275	GOM_NL__2PRFIN20080528_195515_000000382069_00028_32647_3517.N1	28-MAY-2008 19:55:15	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32647	No
276	GOM_NL__2PRFIN20080528_195811_000000452069_00028_32647_3518.N1	28-MAY-2008 19:58:11	Bright	44.500	133	40Zet Her	2.8070	6000.0	89	32647	No
277	GOM_NL__2PRFIN20080528_200558_000000402069_00028_32647_3519.N1	28-MAY-2008 20:05:58	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32647	No
278	GOM_NL__2PRFIN20080528_200828_000000382069_00028_32647_3520.N1	28-MAY-2008 20:08:28	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32647	No

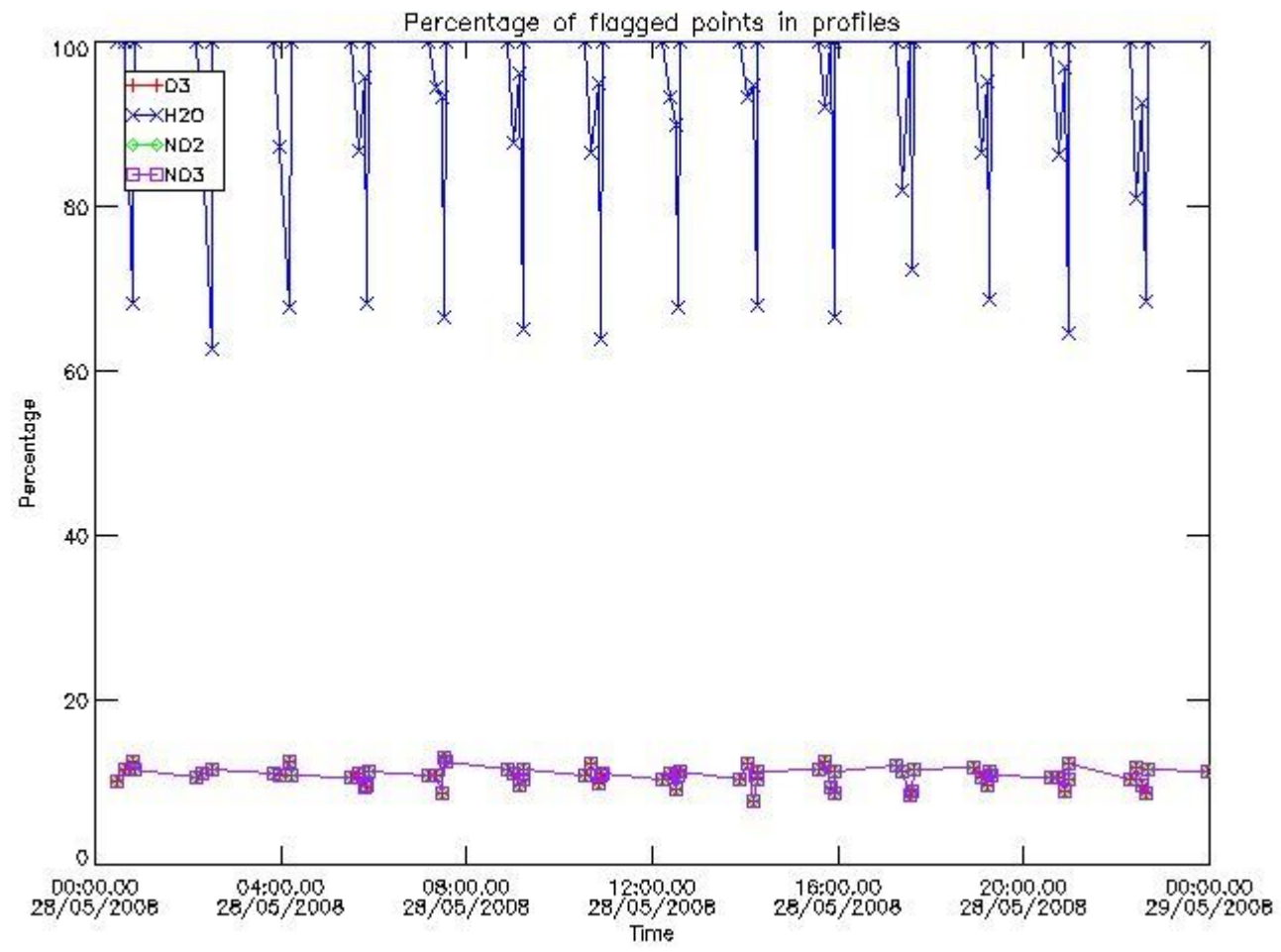
279	GOM_NL__2PRFIN20080528_201633_000000462069_00028_32647_3521.N1	28-MAY-2008 20:16:33	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32647	No
280	GOM_NL__2PRFIN20080528_202113_000000552069_00028_32647_3522.N1	28-MAY-2008 20:21:13	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32647	No
281	GOM_NL__2PRFIN20080528_202850_000000562069_00028_32647_3523.N1	28-MAY-2008 20:28:50	Bright	56.000	53	43Bet And	2.0480	3300.0	112	32647	No
282	GOM_NL__2PRFIN20080528_203128_000000522069_00028_32647_3524.N1	28-MAY-2008 20:31:28	Twilight	52.000	58	21Alp And	2.0730	11000.	104	32647	No
283	GOM_NL__2PRFIN20080528_203613_000000482069_00028_32647_3525.N1	28-MAY-2008 20:36:13	Dark	48.000	140	88Gam Peg	2.8340	26000.	96	32647	No
284	GOM_NL__2PRFIN20080528_204509_000000482069_00028_32647_3526.N1	28-MAY-2008 20:45:09	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32647	No
285	GOM_NL__2PRFIN20080528_205325_000000632069_00028_32647_3527.N1	28-MAY-2008 20:53:25	Dark	62.500	18	24Alp PsA	1.1660	9700.0	125	32647	No
286	GOM_NL__2PRFIN20080528_205659_000000542069_00029_32648_3543.N1	28-MAY-2008 20:56:59	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	32648	No
287	GOM_NL__2PRFIN20080528_205848_000000462069_00029_32648_3544.N1	28-MAY-2008 20:58:48	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32648	No
288	GOM_NL__2PRFIN20080528_210356_000000412069_00029_32648_3545.N1	28-MAY-2008 21:03:56	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32648	No
289	GOM_NL__2PRFIN20080528_211020_000000402069_00029_32648_3546.N1	28-MAY-2008 21:10:20	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	32648	No
290	GOM_NL__2PRFIN20080528_211314_000000502069_00029_32648_3547.N1	28-MAY-2008 21:13:14	Straylight	49.500	40	The Sco	1.8590	7100.0	99	32648	No
291	GOM_NL__2PRFIN20080528_211503_000000482069_00029_32648_3548.N1	28-MAY-2008 21:15:03	Twilight	47.500	25	35Lam Sco	1.6200	28000.	95	32648	No
292	GOM_NL__2PRFIN20080528_211654_000000452069_00029_32648_3549.N1	28-MAY-2008 21:16:54	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	32648	No
293	GOM_NL__2PRFIN20080528_211859_000000412069_00029_32648_3550.N1	28-MAY-2008 21:18:59	Twilight	40.500	136	23Tau Sco	2.8220	30000.	81	32648	No
294	GOM_NL__2PRFIN20080528_212107_000000412069_00029_32648_3551.N1	28-MAY-2008 21:21:07	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32648	No
295	GOM_NL__2PRFIN20080528_212243_000000472069_00029_32648_3552.N1	28-MAY-2008 21:22:43	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32648	No
296	GOM_NL__2PRFIN20080528_212437_000000432069_00029_32648_3553.N1	28-MAY-2008 21:24:37	Bright	43.000	98	13Zet Oph	2.5710	30000.	86	32648	No
297	GOM_NL__2PRFIN20080528_212651_000000412069_00029_32648_3554.N1	28-MAY-2008 21:26:51	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32648	No
298	GOM_NL__2PRFIN20080528_212953_000000382069_00029_32648_3555.N1	28-MAY-2008 21:29:53	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32648	No
299	GOM_NL__2PRFIN20080528_213551_000000382069_00029_32648_3556.N1	28-MAY-2008 21:35:51	Bright	38.000	67	5Alp CrB	2.2210	11000.	76	32648	No
300	GOM_NL__2PRFIN20080528_213847_000000432069_00029_32648_3557.N1	28-MAY-2008 21:38:47	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	32648	No
301	GOM_NL__2PRFIN20080528_214633_000000402069_00029_32648_3558.N1	28-MAY-2008 21:46:33	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	32648	No
302	GOM_NL__2PRFIN20080528_214904_000000372069_00029_32648_3559.N1	28-MAY-2008 21:49:04	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	32648	No
303	GOM_NL__2PRFIN20080528_215709_000000452069_00029_32648_3560.N1	28-MAY-2008 21:57:09	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32648	No
304	GOM_NL__2PRFIN20080528_220149_000000552069_00029_32648_3561.N1	28-MAY-2008 22:01:49	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	32648	No
305	GOM_NL__2PRFIN20080528_220926_000000422069_00029_32648_3562.N1	28-MAY-2008 22:09:26	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32648	No
306	GOM_NL__2PRFIN20080528_221204_000000502069_00029_32648_3563.N1	28-MAY-2008 22:12:04	Twilight	50.000	58	21Alp And	2.0730	11000.	100	32648	No
307	GOM_NL__2PRFIN20080528_221649_000000502069_00029_32648_3564.N1	28-MAY-2008 22:16:49	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32648	No
308	GOM_NL__2PRFIN20080528_222545_000000482069_00029_32648_3565.N1	28-MAY-2008 22:25:45	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32648	No
309	GOM_NL__2PRFIN20080528_223402_000000542069_00029_32648_3566.N1	28-MAY-2008 22:34:02	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	32648	No
310	GOM_NL__2PRFIN20080528_223736_000000592069_00030_32649_3515.N1	28-MAY-2008 22:37:36	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32649	No
311	GOM_NL__2PRFIN20080528_223925_000000452069_00030_32649_3516.N1	28-MAY-2008 22:39:25	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32649	No
312	GOM_NL__2PRFIN20080528_224433_000000422069_00030_32649_3517.N1	28-MAY-2008 22:44:33	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32649	No
313	GOM_NL__2PRFIN20080528_225057_000000412069_00030_32649_3518.N1	28-MAY-2008 22:50:57	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	32649	No
314	GOM_NL__2PRFIN20080528_225350_000000472069_00030_32649_3519.N1	28-MAY-2008 22:53:50	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32649	No
315	GOM_NL__2PRFIN20080528_225539_000000492069_00030_32649_3520.N1	28-MAY-2008 22:55:39	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	32649	No
316	GOM_NL__2PRFIN20080528_225730_000000462069_00030_32649_3521.N1	28-MAY-2008 22:57:30	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	32649	No
317	GOM_NL__2PRFIN20080528_225935_000000402069_00030_32649_3522.N1	28-MAY-2008 22:59:35	Twilight	40.000	136	23Tau Sco	2.8220	30000.	80	32649	No
318	GOM_NL__2PRFIN20080528_230143_000000412069_00030_32649_3523.N1	28-MAY-2008 23:01:43	Bright	40.500	80	7Del Sco	2.3160	30000.	81	32649	No
319	GOM_NL__2PRFIN20080528_230319_000000472069_00030_32649_3524.N1	28-MAY-2008 23:03:19	Bright	47.000	86	35Eta Oph	2.4300	10200.	94	32649	No
320	GOM_NL__2PRFIN20080528_230513_000000412069_00030_32649_3525.N1	28-MAY-2008 23:05:13	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	32649	No
321	GOM_NL__2PRFIN20080528_230727_000000412069_00030_32649_3526.N1	28-MAY-2008 23:07:27	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	32649	No
322	GOM_NL__2PRFIN20080528_231028_000000382069_00030_32649_3527.N1	28-MAY-2008 23:10:28	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	32649	No
323	GOM_NL__2PRFIN20080528_231627_000000372069_00030_32649_3528.N1	28-MAY-2008 23:16:27	Bright	37.000	67	5Alp CrB	2.2210	11000.	74	32649	No
324	GOM_NL__2PRFIN20080528_231922_000000452069_00030_32649_3529.N1	28-MAY-2008 23:19:22	Bright	45.000	133	40Zet Her	2.8070	6000.0	90	32649	No
325	GOM_NL__2PRFIN20080528_232709_000000402069_00030_32649_3530.N1	28-MAY-2008 23:27:09	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	32649	No
326	GOM_NL__2PRFIN20080528_232939_000000372069_00030_32649_3531.N1	28-MAY-2008 23:29:39	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32649	No
327	GOM_NL__2PRFIN20080528_233744_000000462069_00030_32649_3532.N1	28-MAY-2008 23:37:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32649	No
328	GOM_NL__2PRFIN20080528_234224_000000412069_00030_32649_3533.N1	28-MAY-2008 23:42:24	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32649	No
329	GOM_NL__2PRFIN20080528_235002_000000422069_00030_32649_3534.N1	28-MAY-2008 23:50:02	Bright	42.000	53	43Bet And	2.0480	3300.0	84	32649	No
330	GOM_NL__2PRFIN20080528_235240_000000532069_00030_32649_3535.N1	28-MAY-2008 23:52:40	Twilight	52.500	58	21Alp And	2.0730	11000.	105	32649	No
331	GOM_NL__2PRFIN20080528_235726_000000502069_00030_32649_3536.N1	28-MAY-2008 23:57:26	Dark	49.500	140	88Gam Peg	2.8340	26000.	99	32649	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

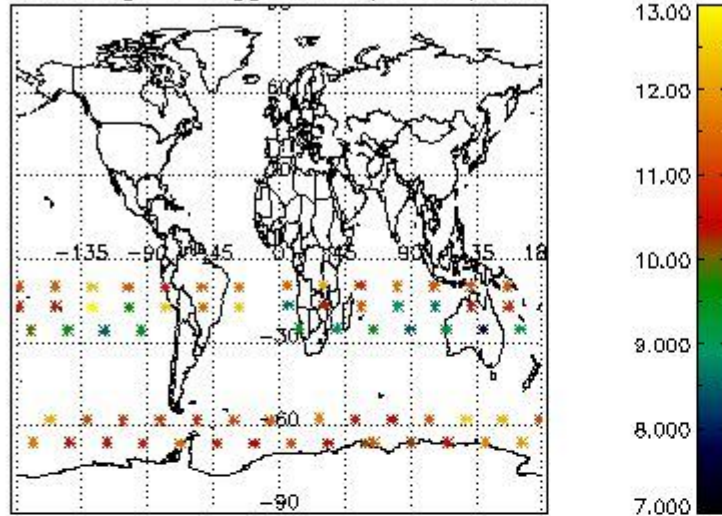
the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

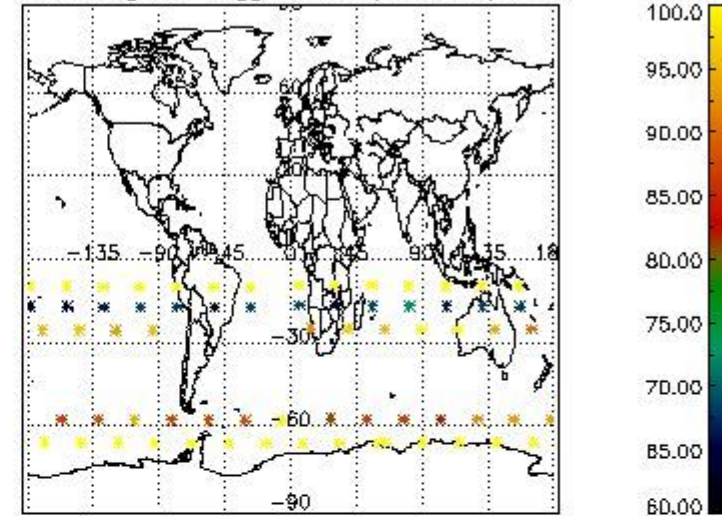


3.2 Plot quality information per product (world map)

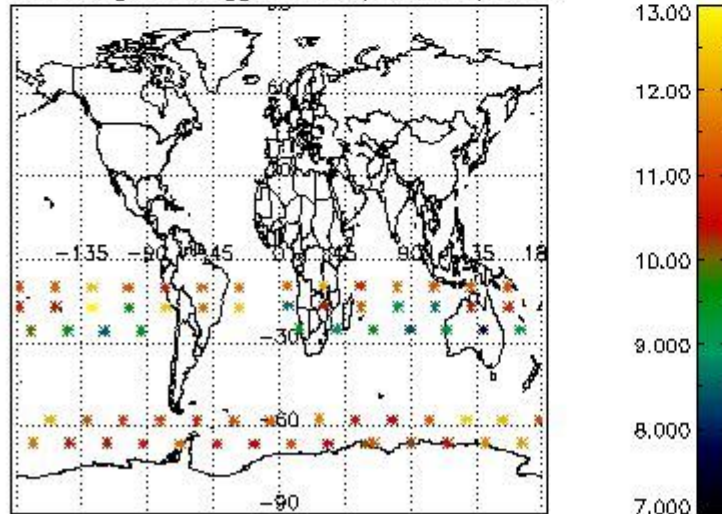
Percentage of flagged data per O3 profile



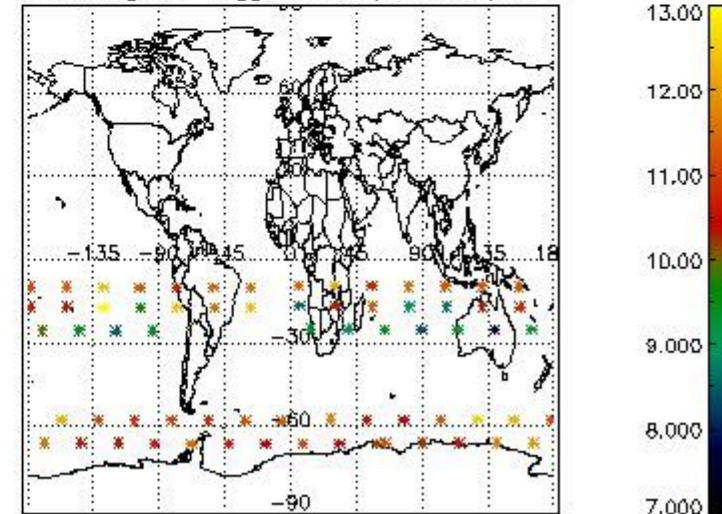
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

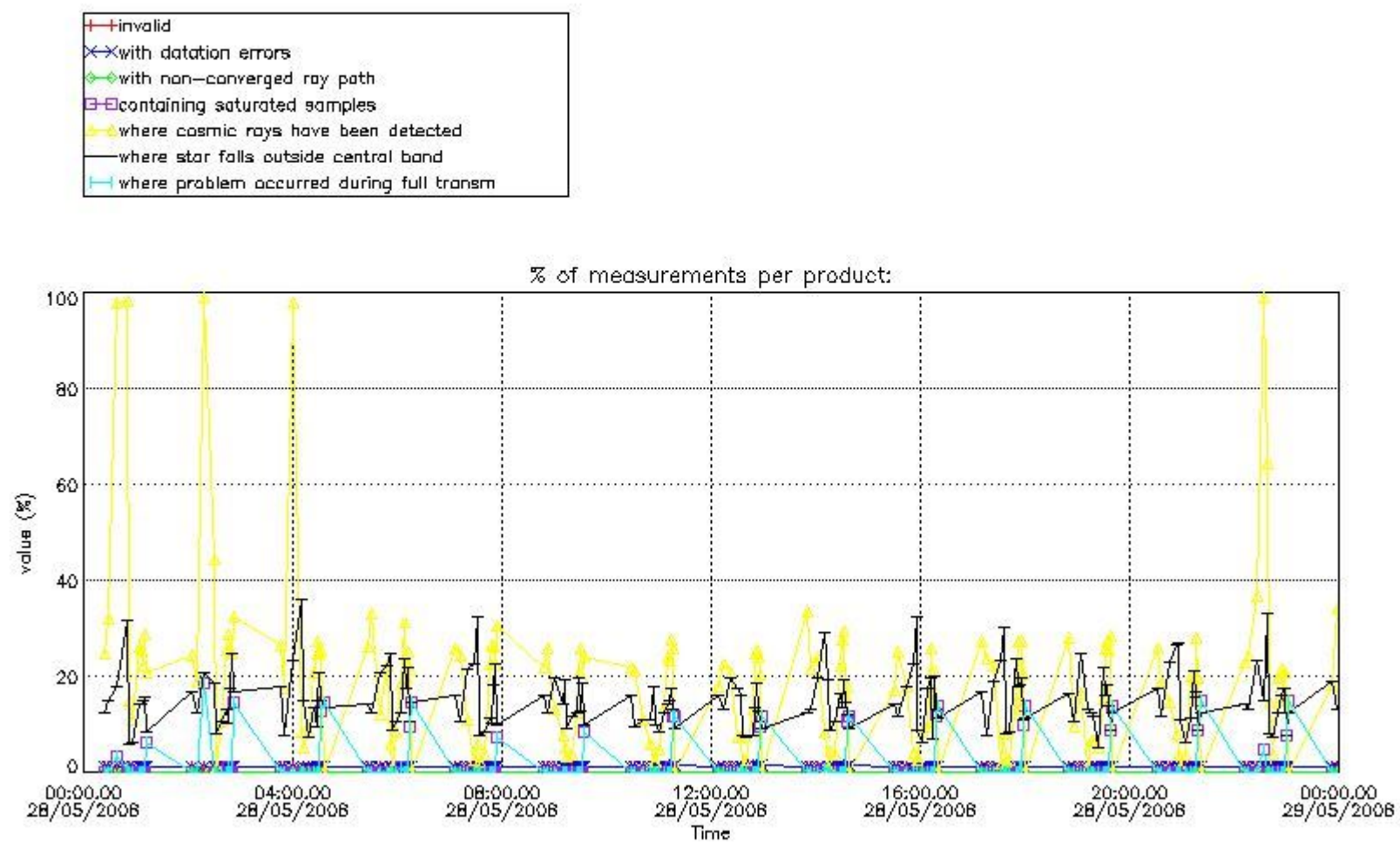


4. Level 1 quality information per product

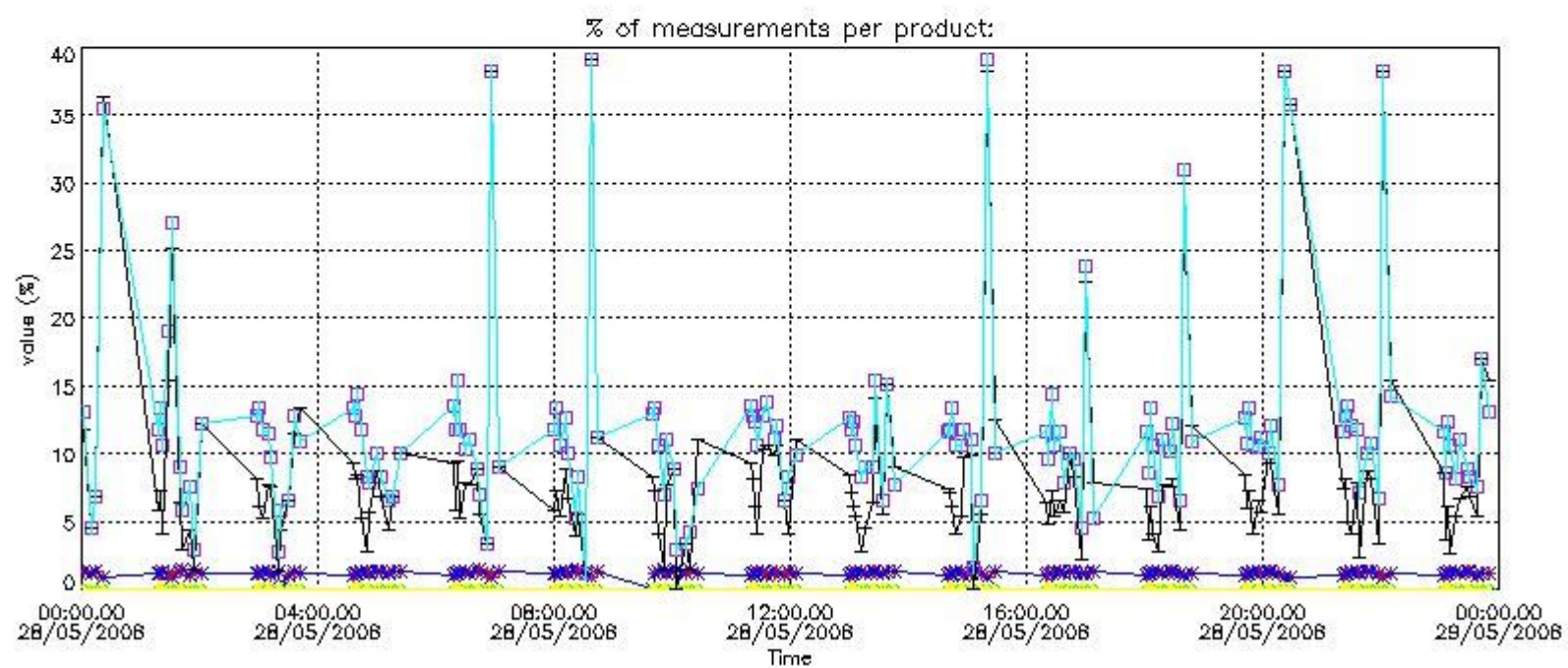
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

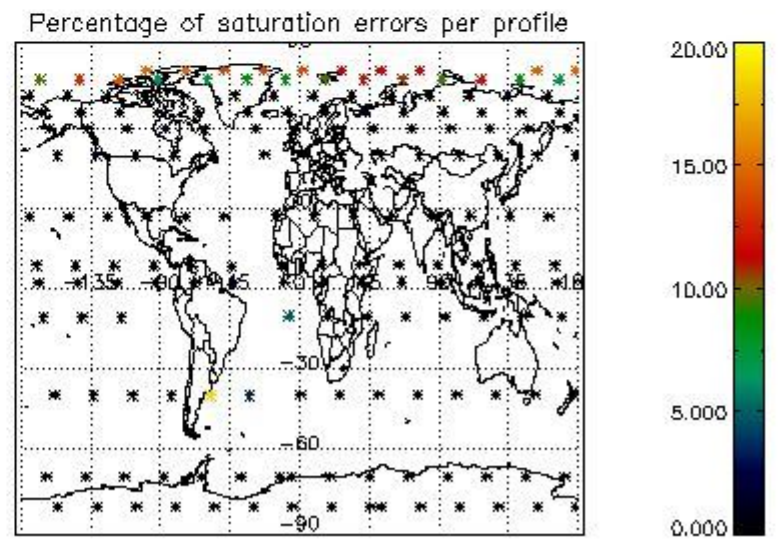
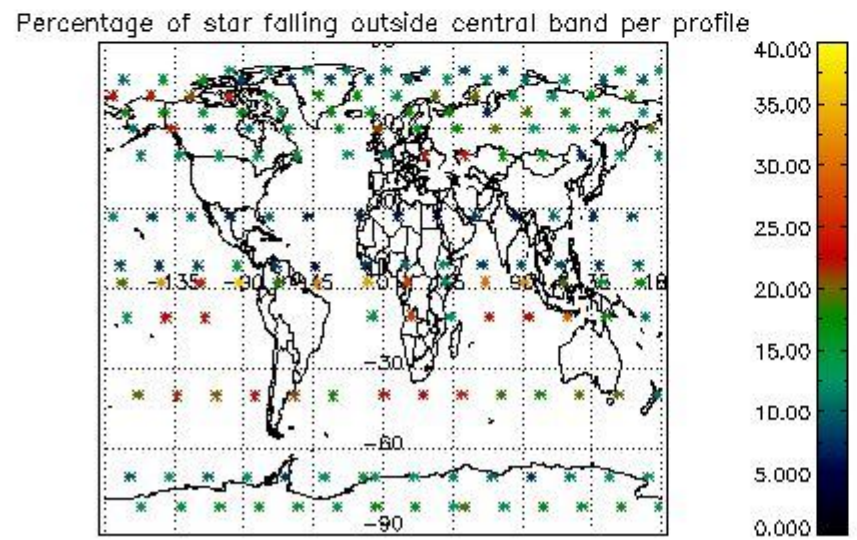
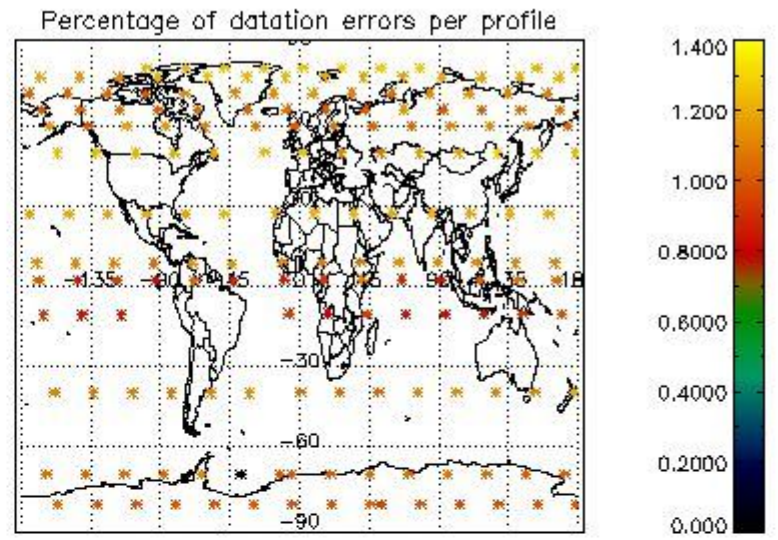
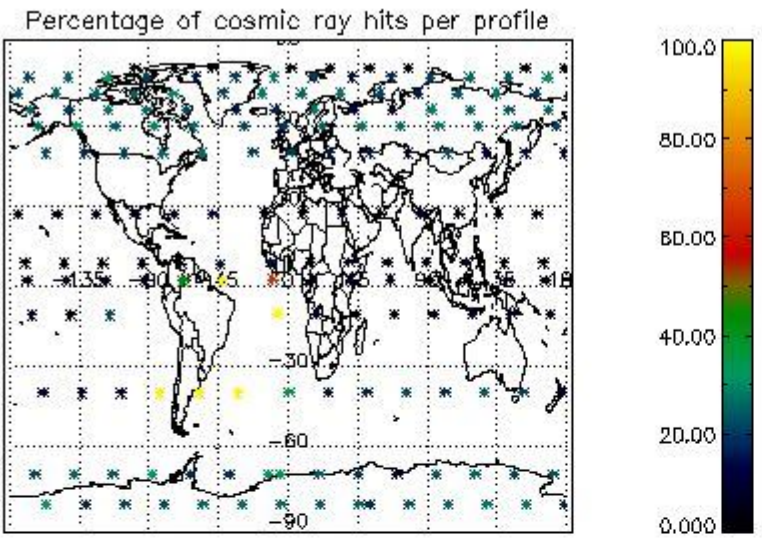


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

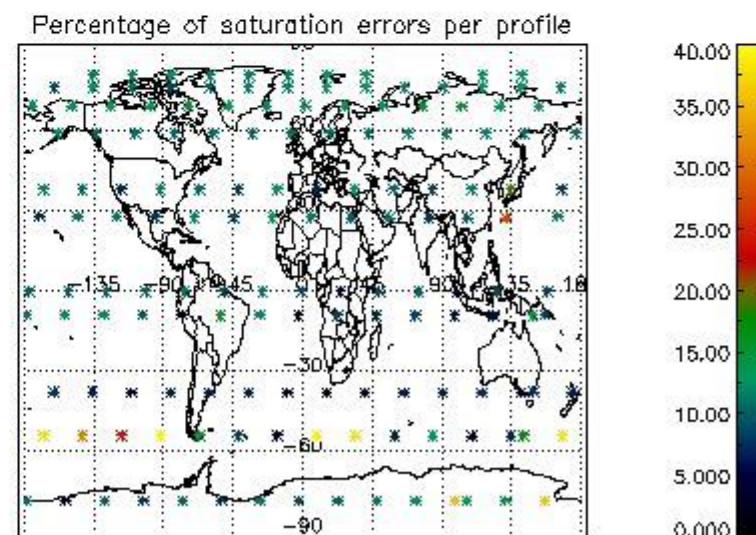
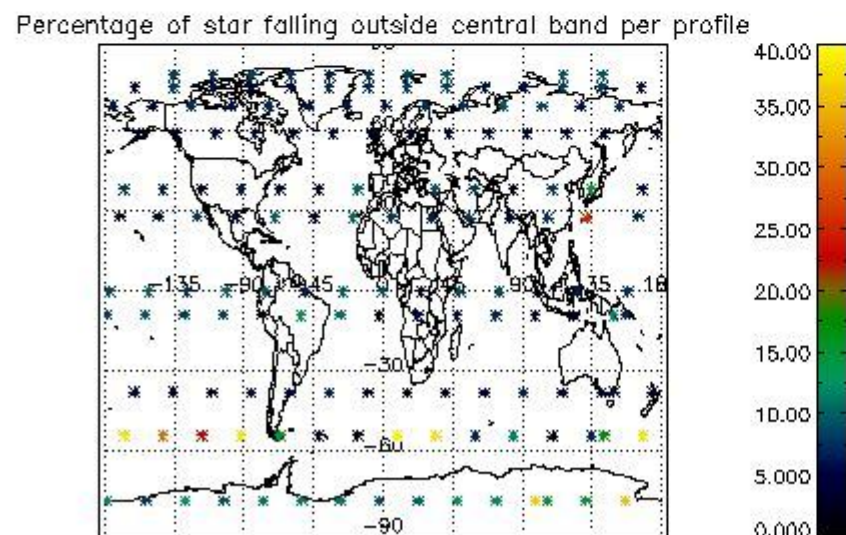
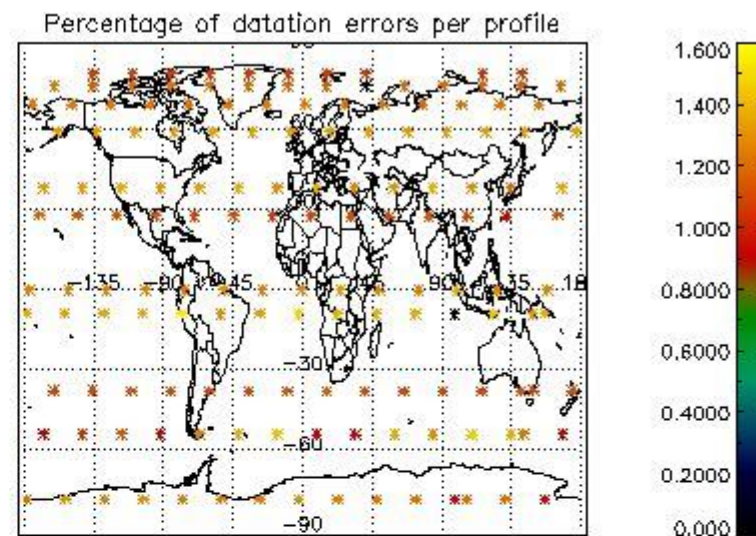
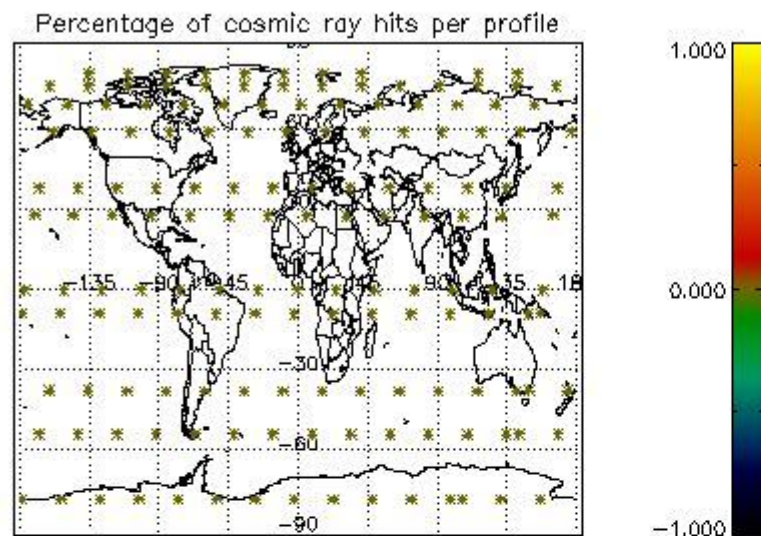


4.2 Plot quality information per product coming from level 1b processing (world map)

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

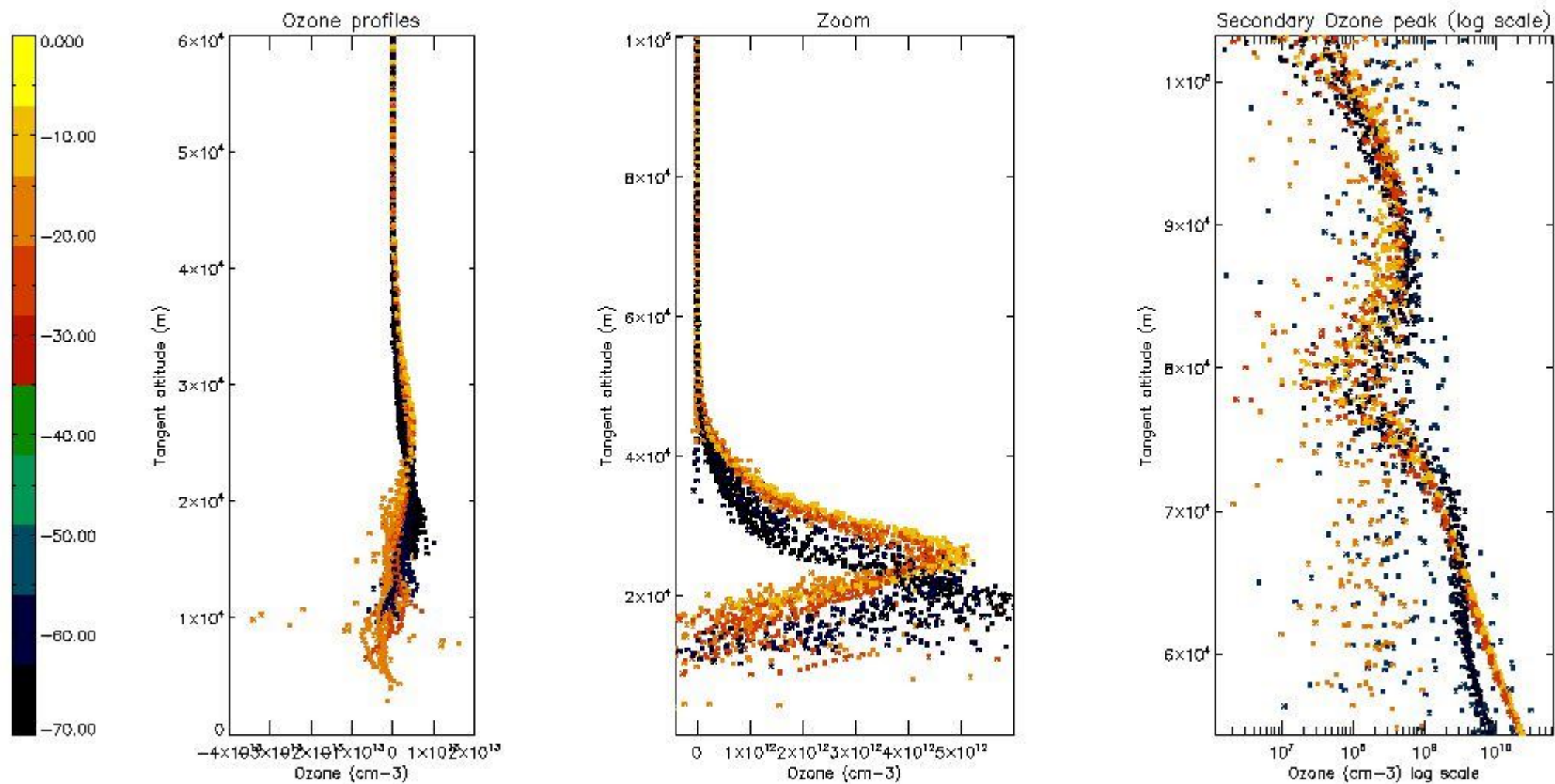
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	12

STD < 10	9
STD < 5	6

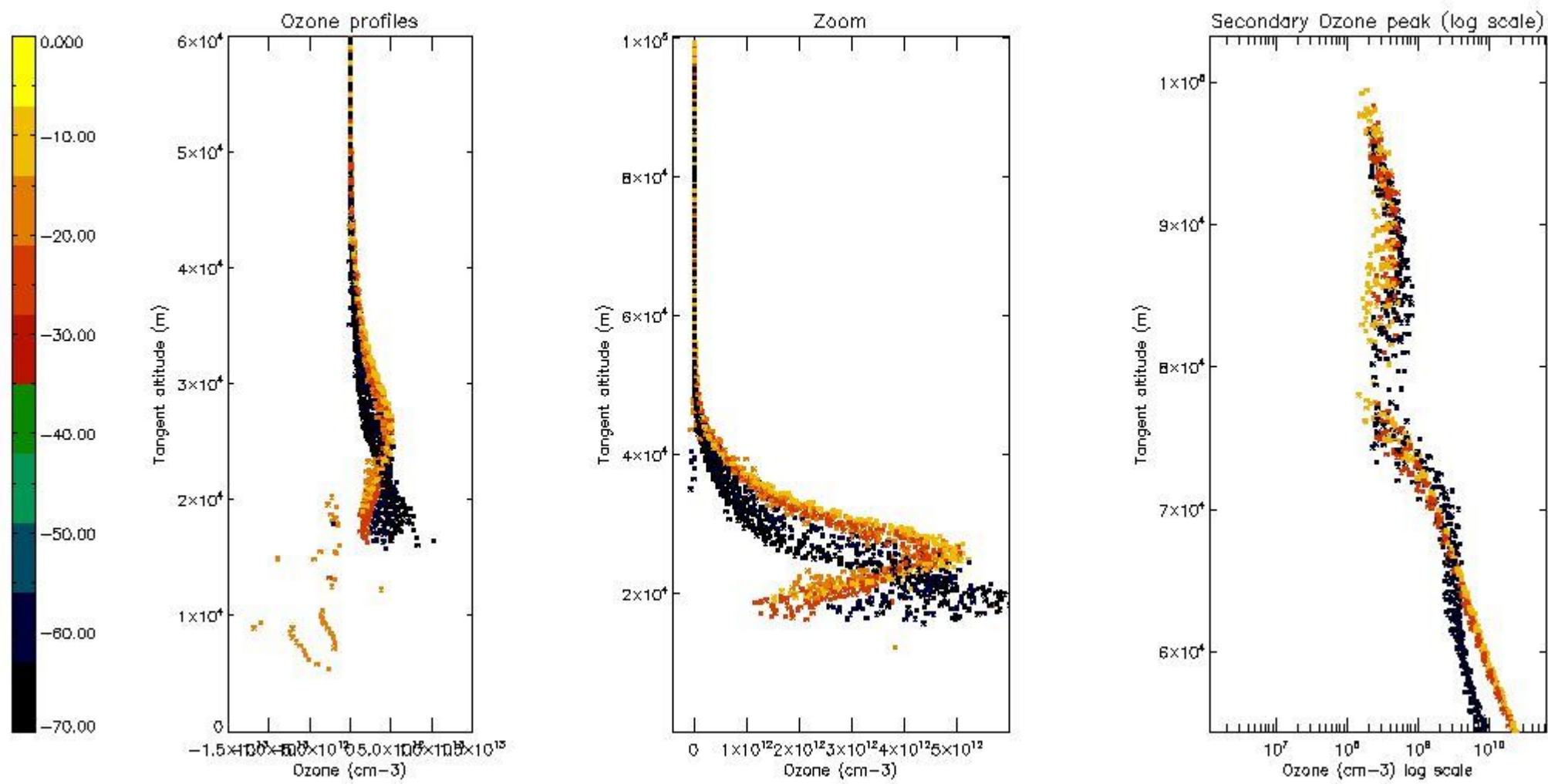
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



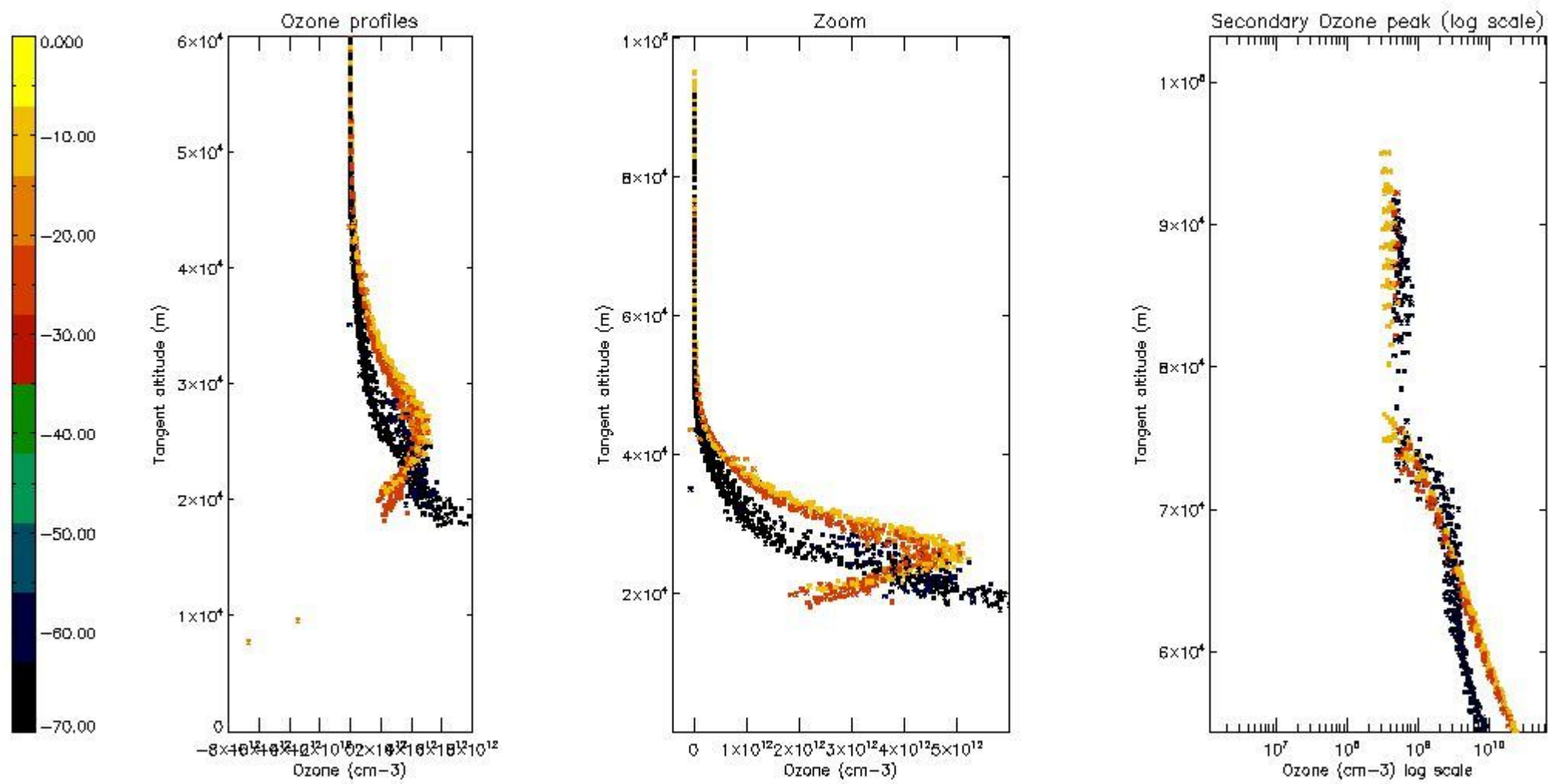
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



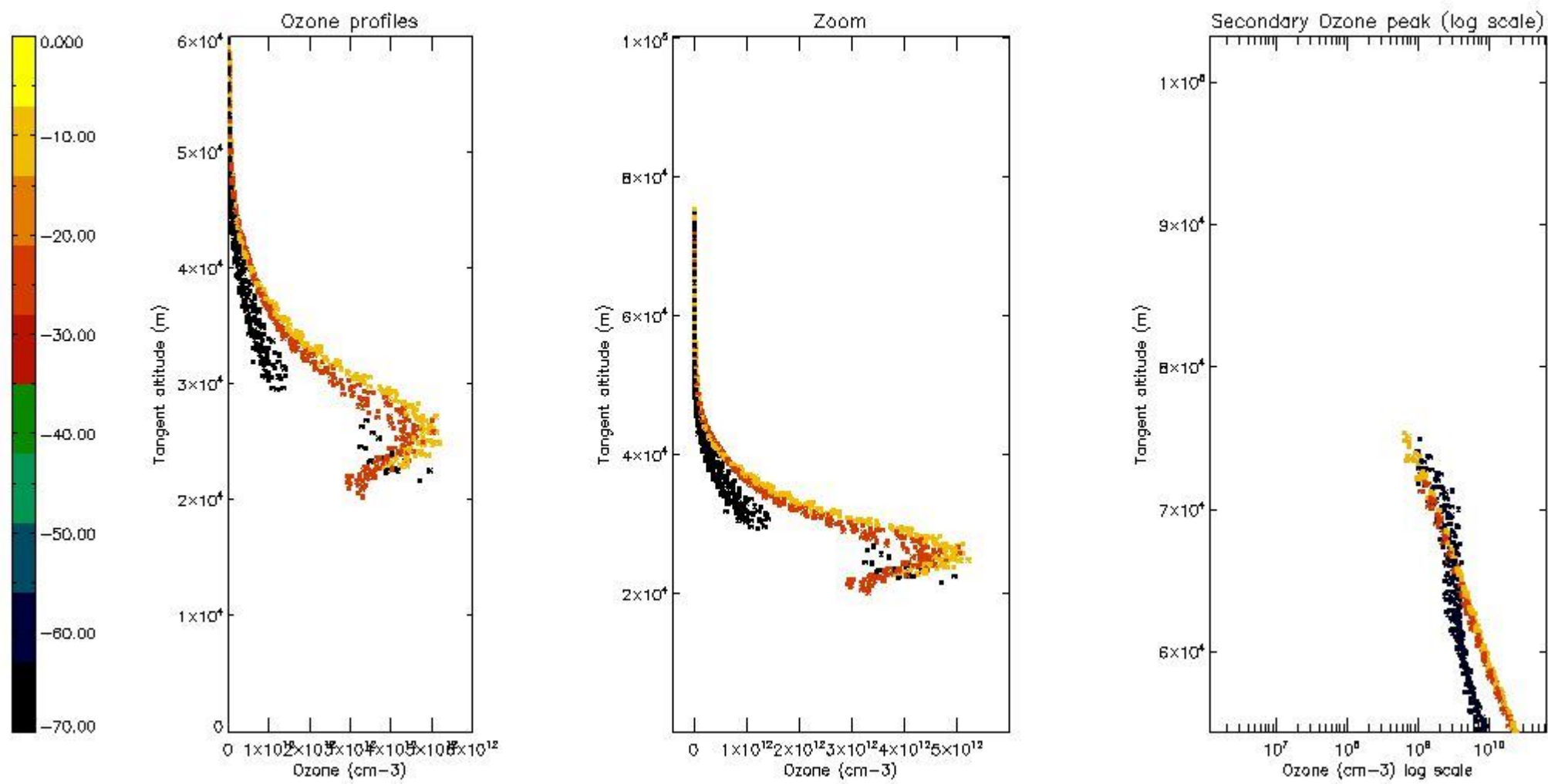
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



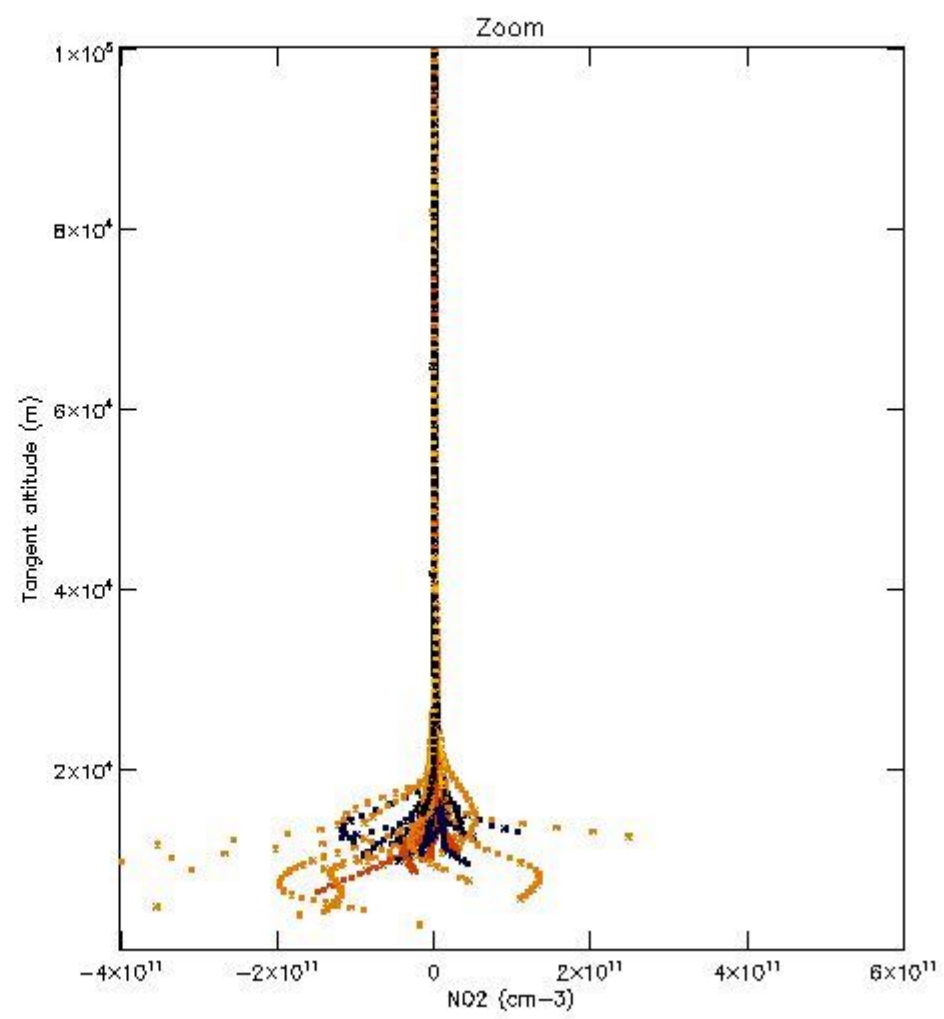
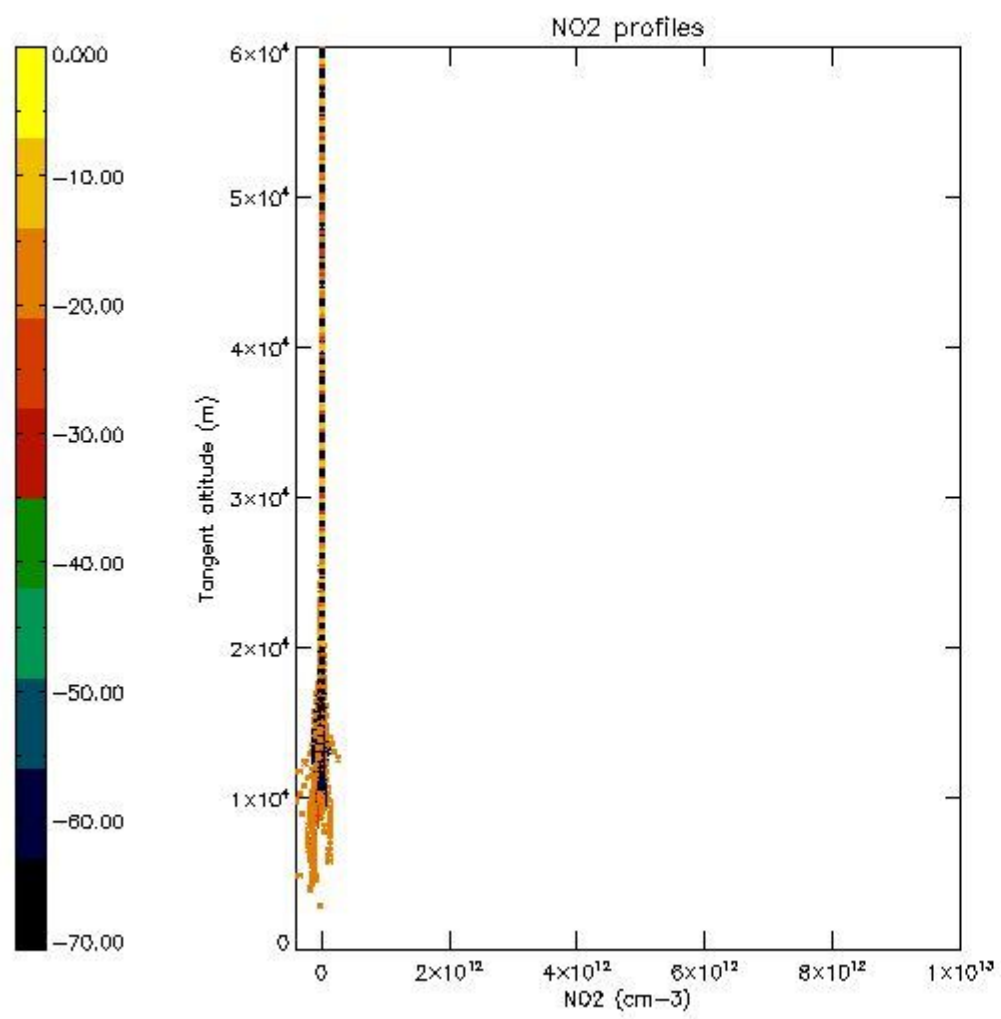
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



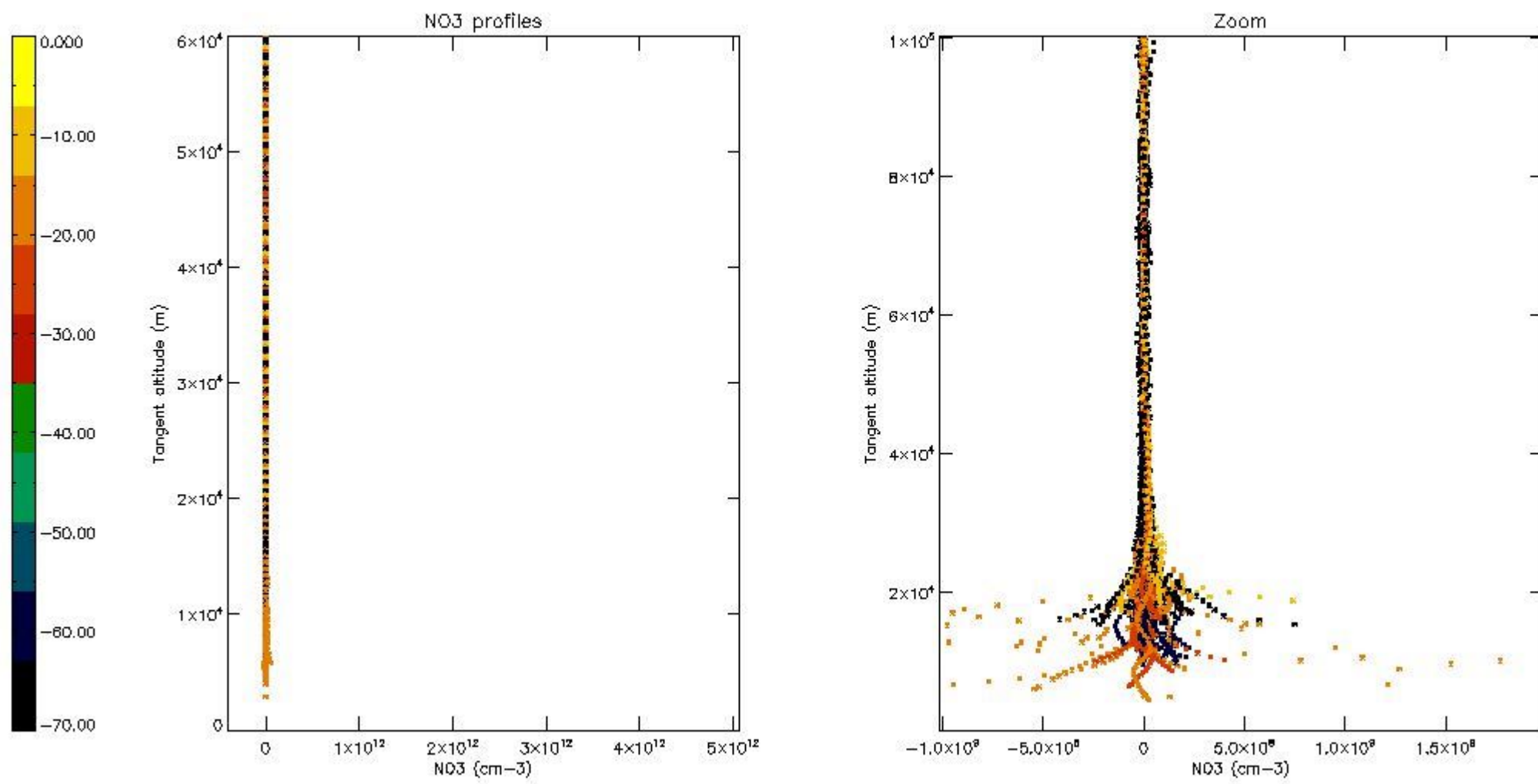
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



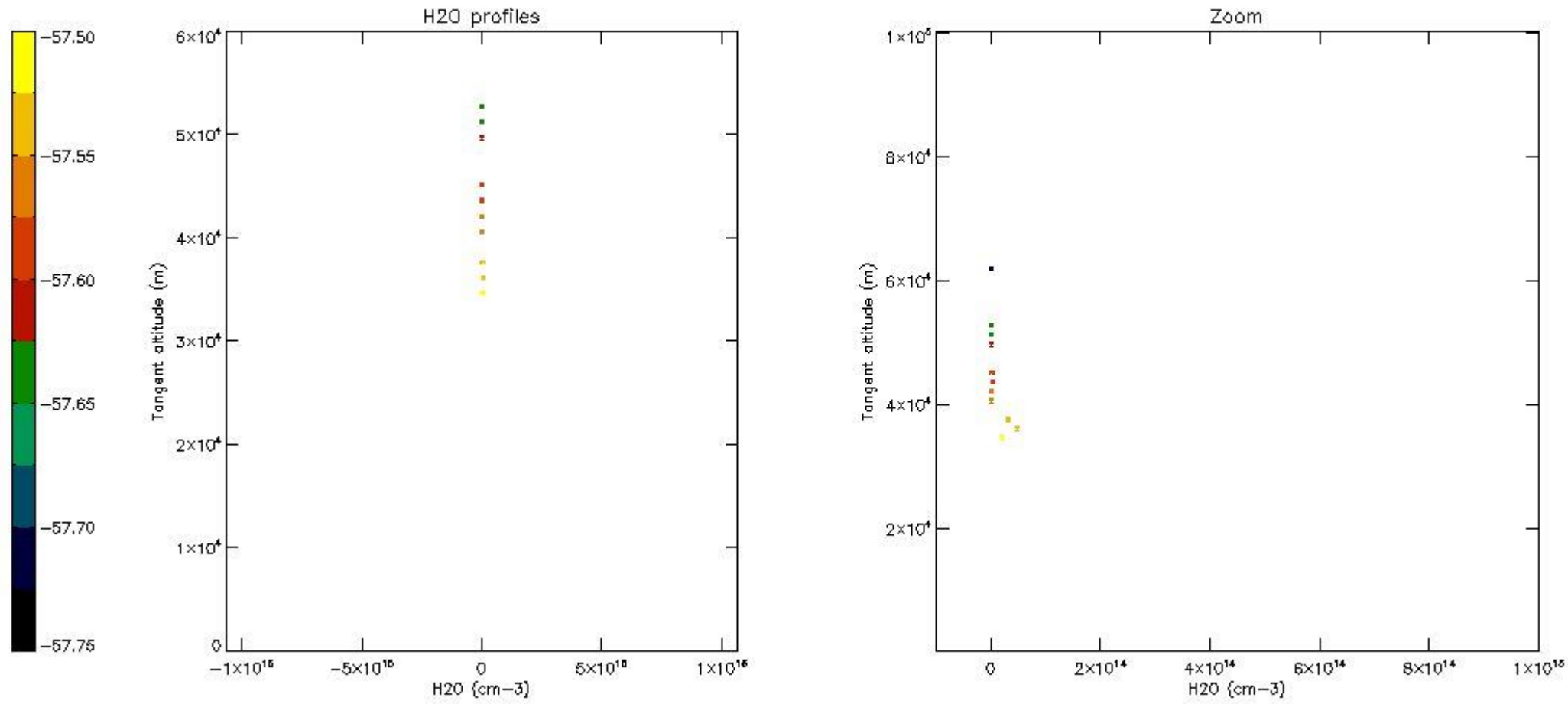
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

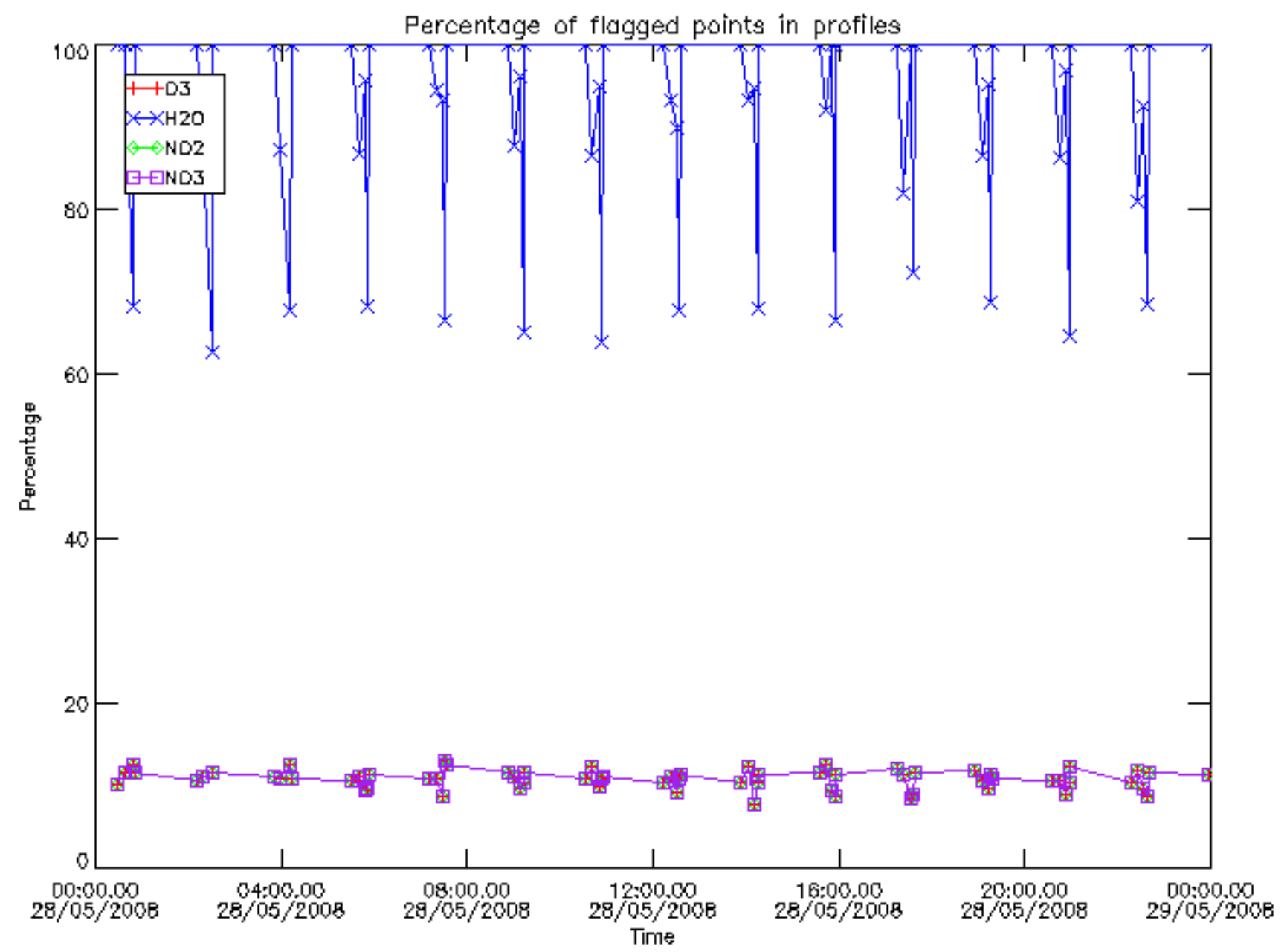
The colorbar represents the latitude.



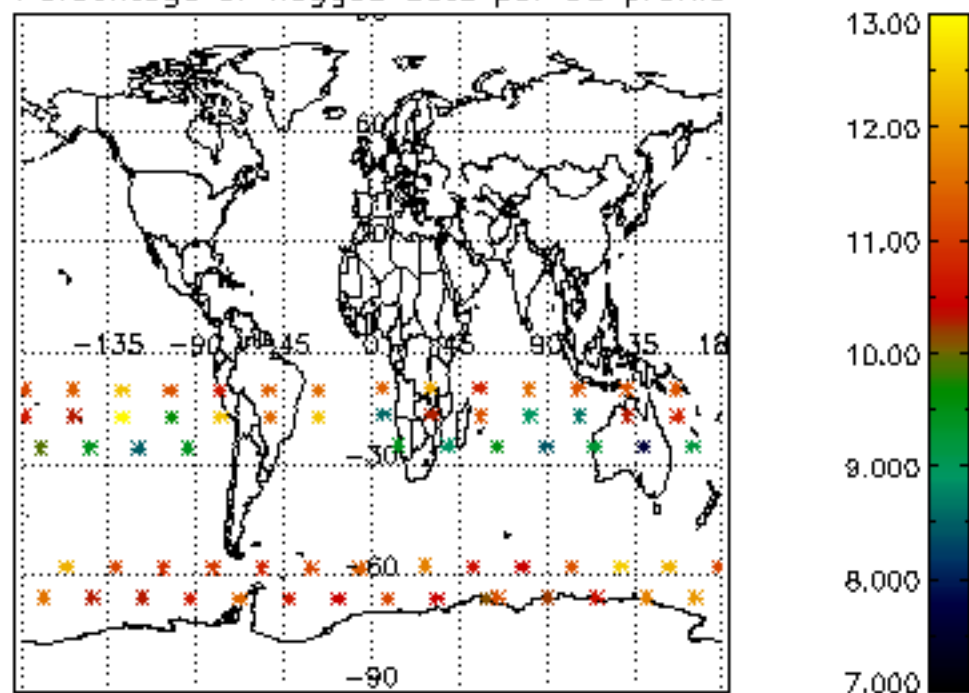
6. Auxiliary Data Files used for the production reported in section 2

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.

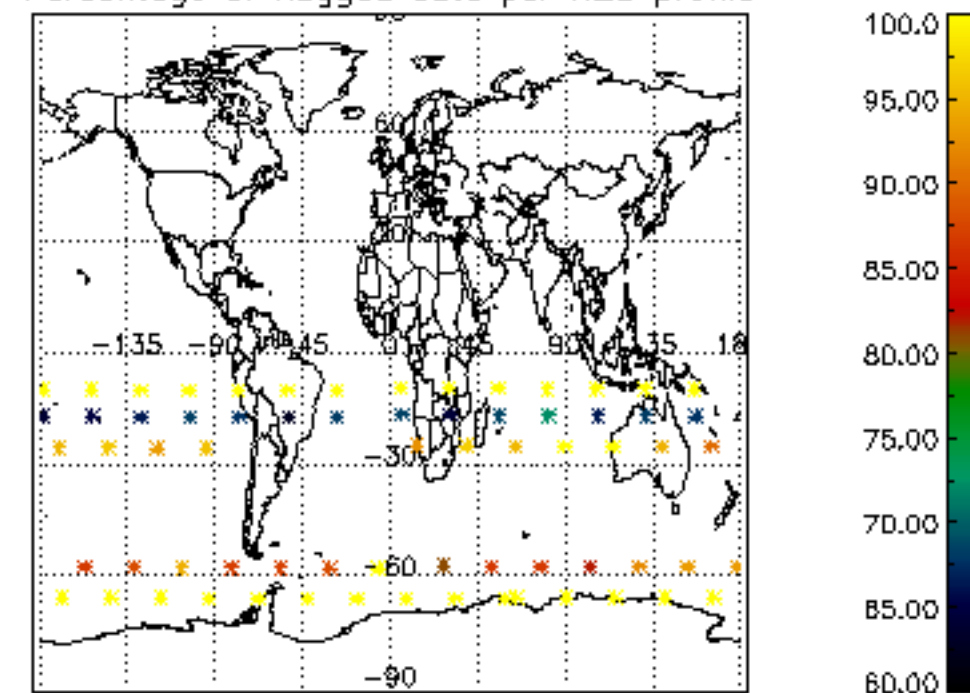
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-MAY-2008 00:01:17
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-MAY-2008 00:01:17
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-MAY-2008 00:01:17



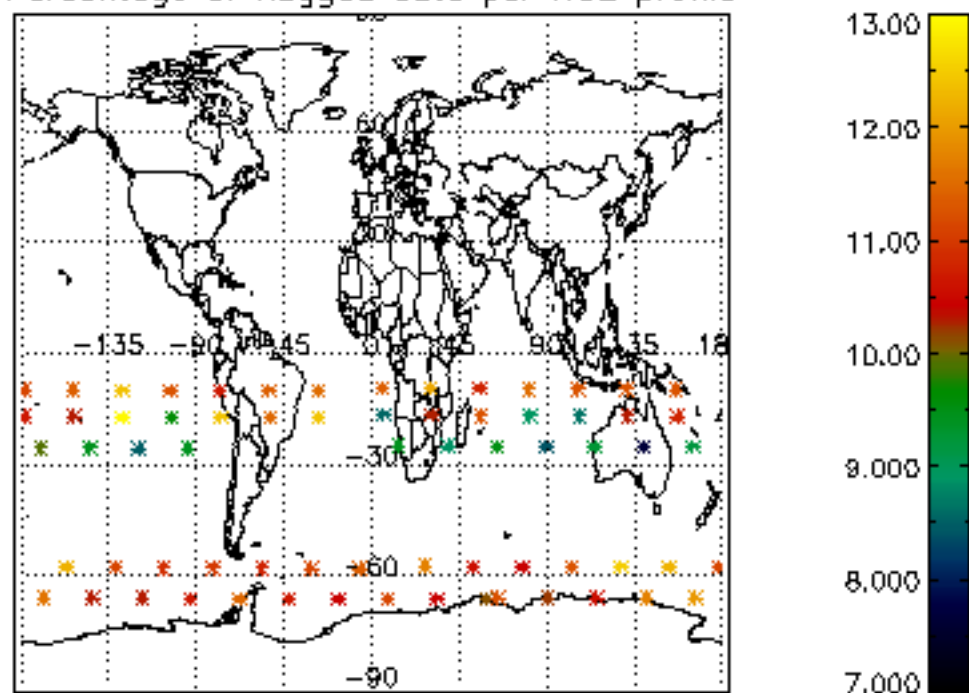
Percentage of flagged data per D3 profile



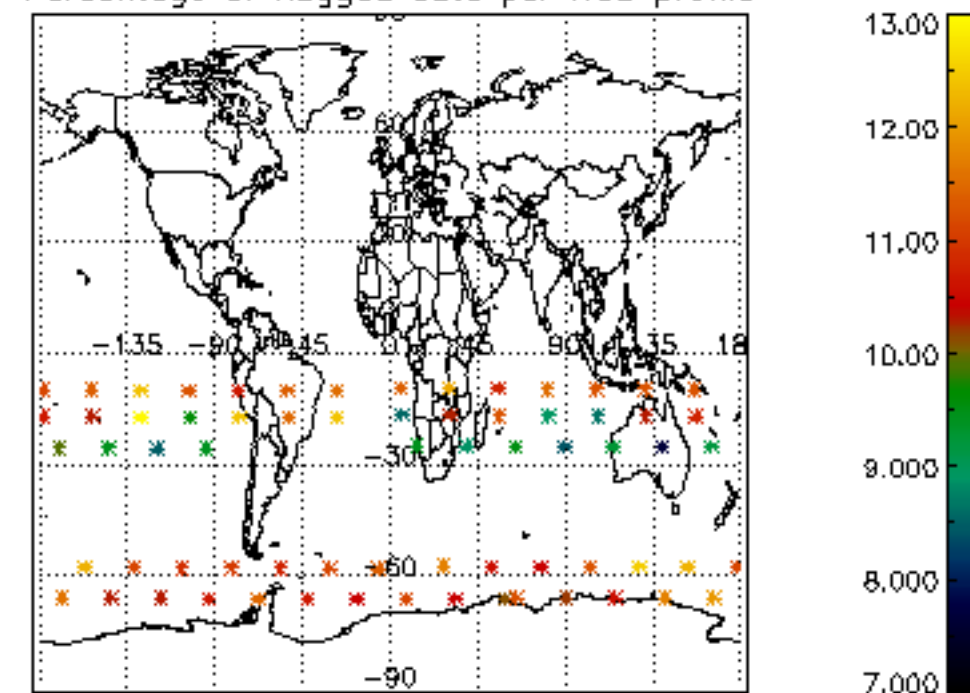
Percentage of flagged data per H2O profile

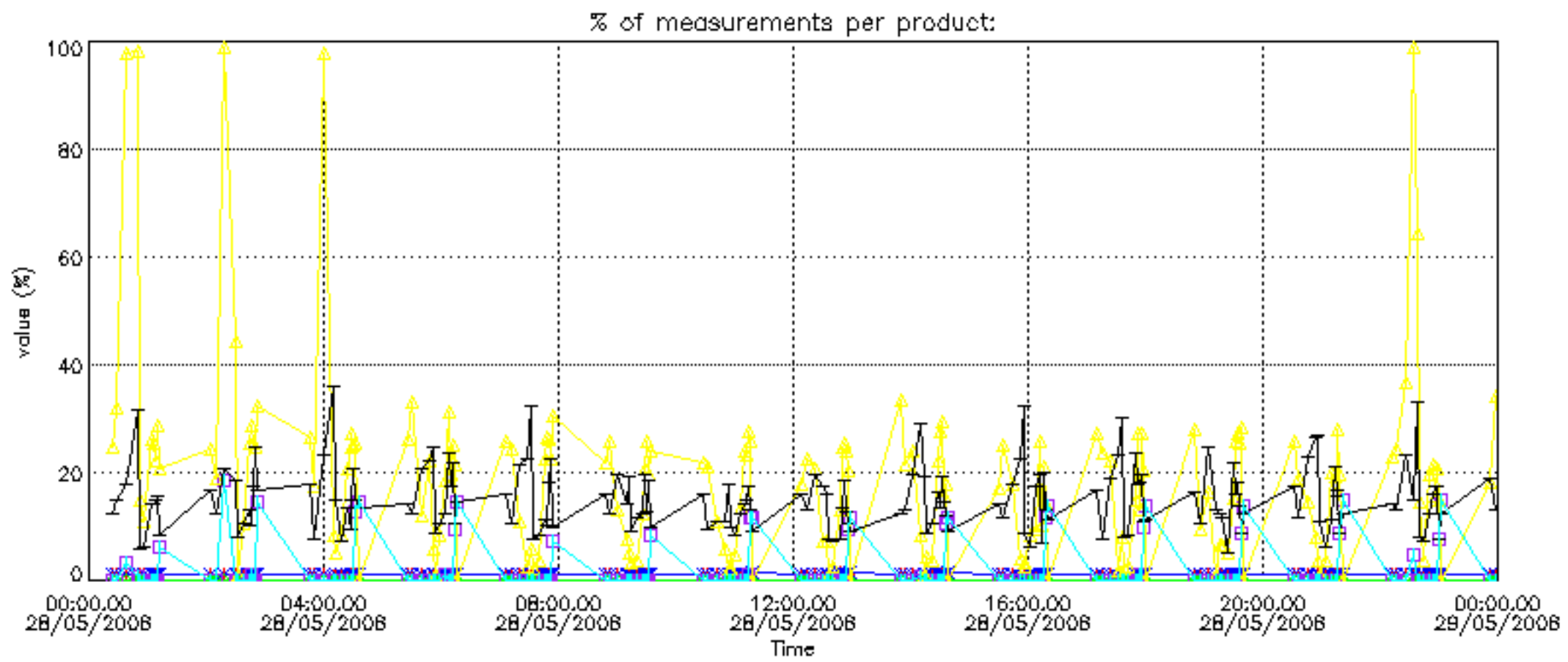


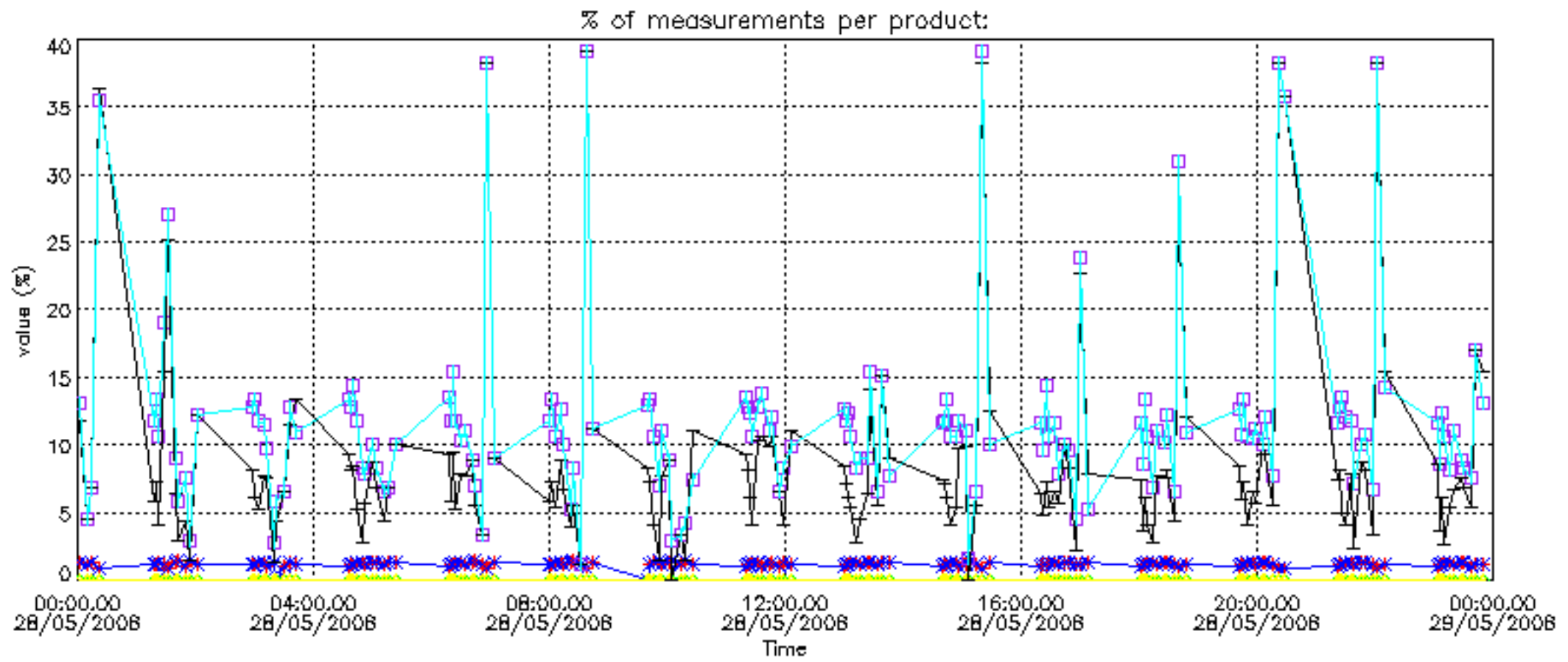
Percentage of flagged data per NO2 profile



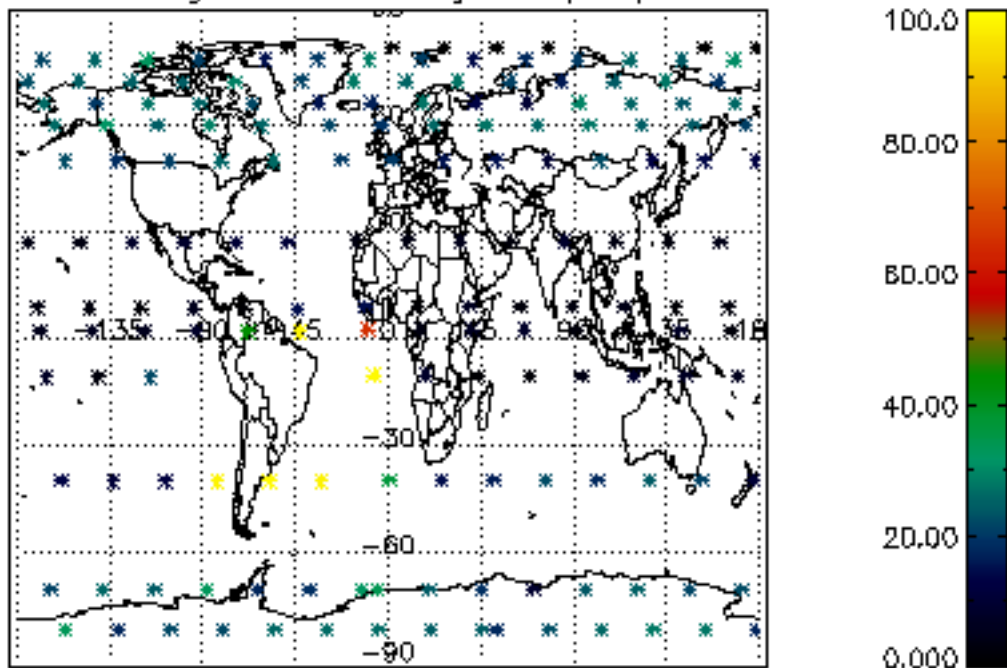
Percentage of flagged data per NO3 profile



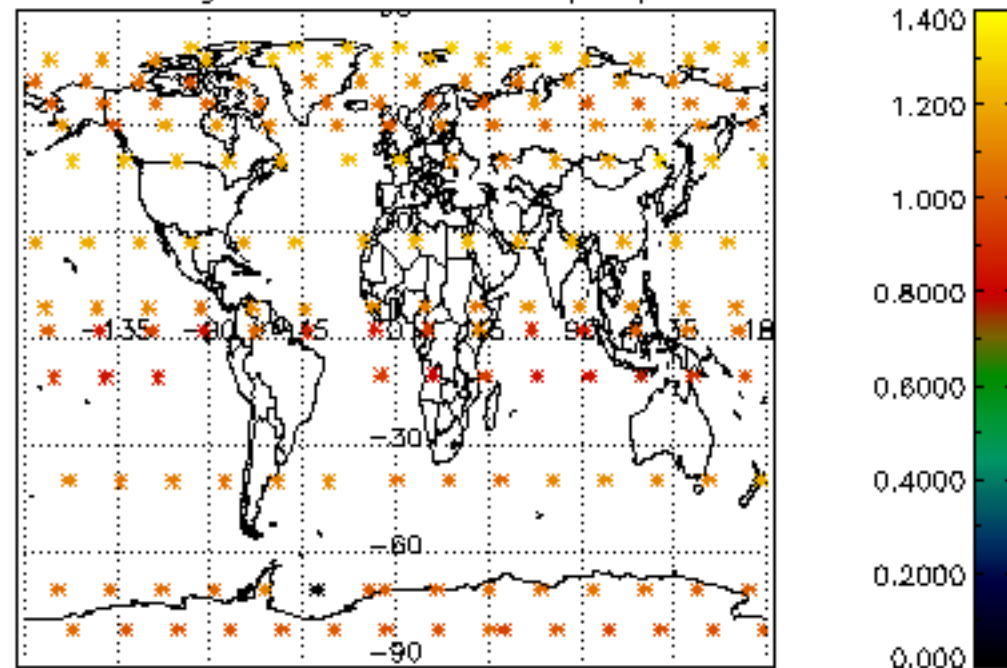




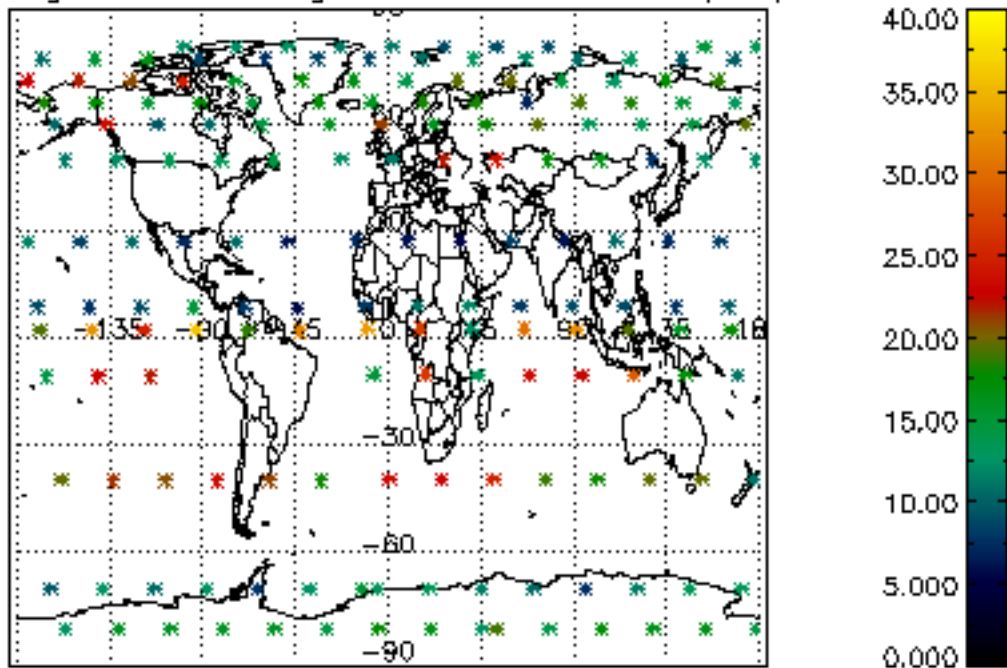
Percentage of cosmic ray hits per profile



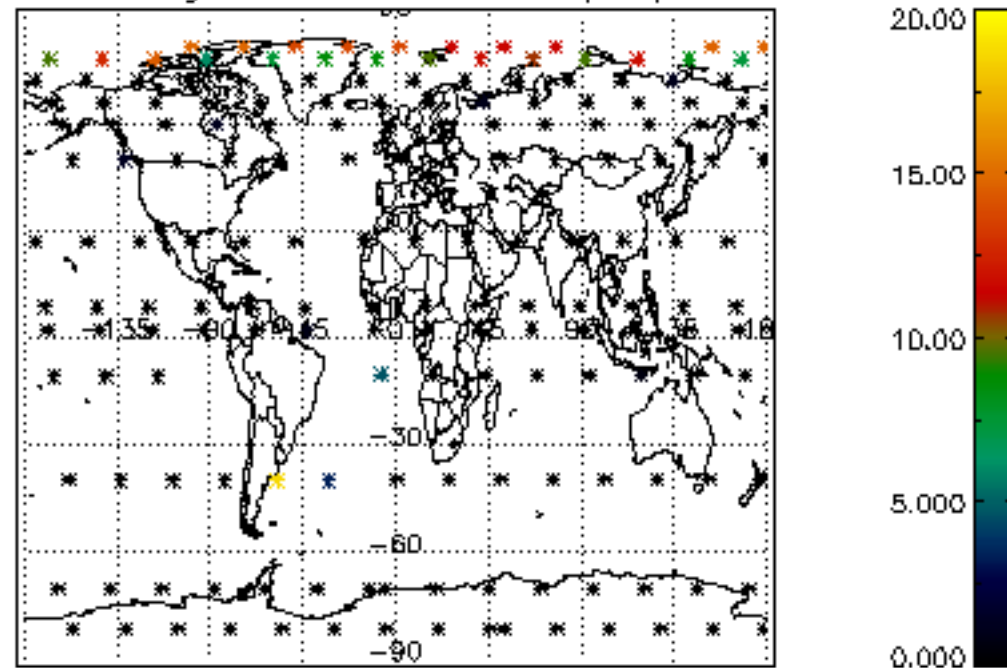
Percentage of datation errors per profile



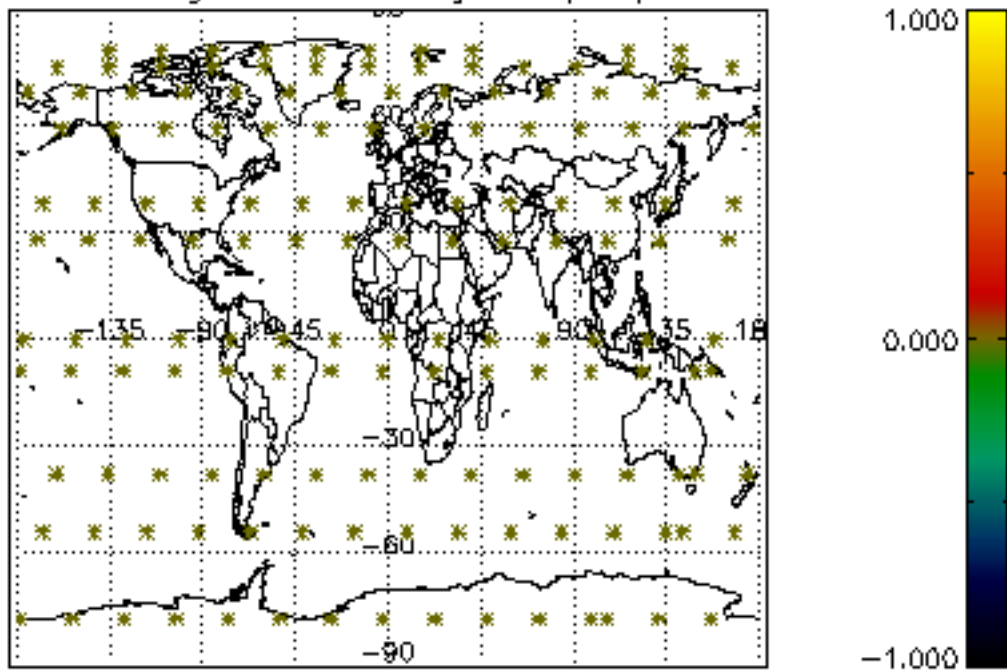
Percentage of star falling outside central band per profile



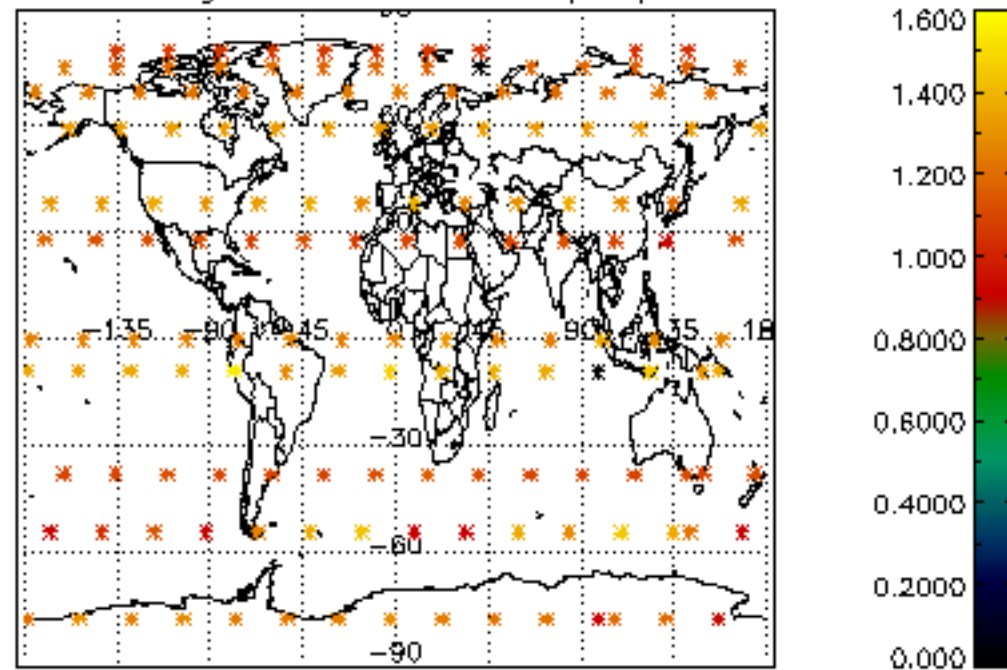
Percentage of saturation errors per profile



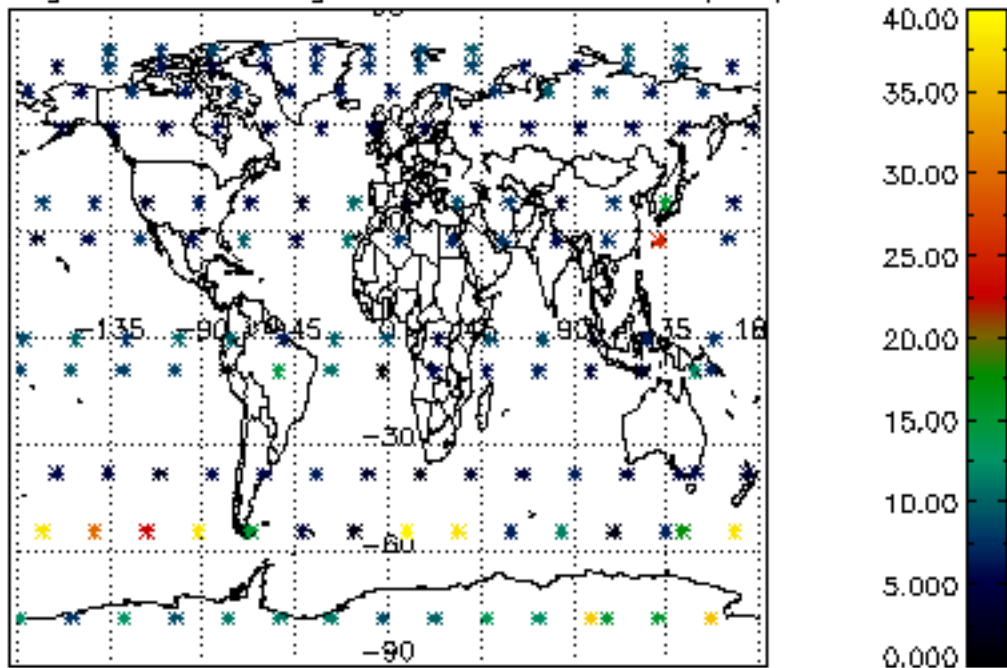
Percentage of cosmic ray hits per profile



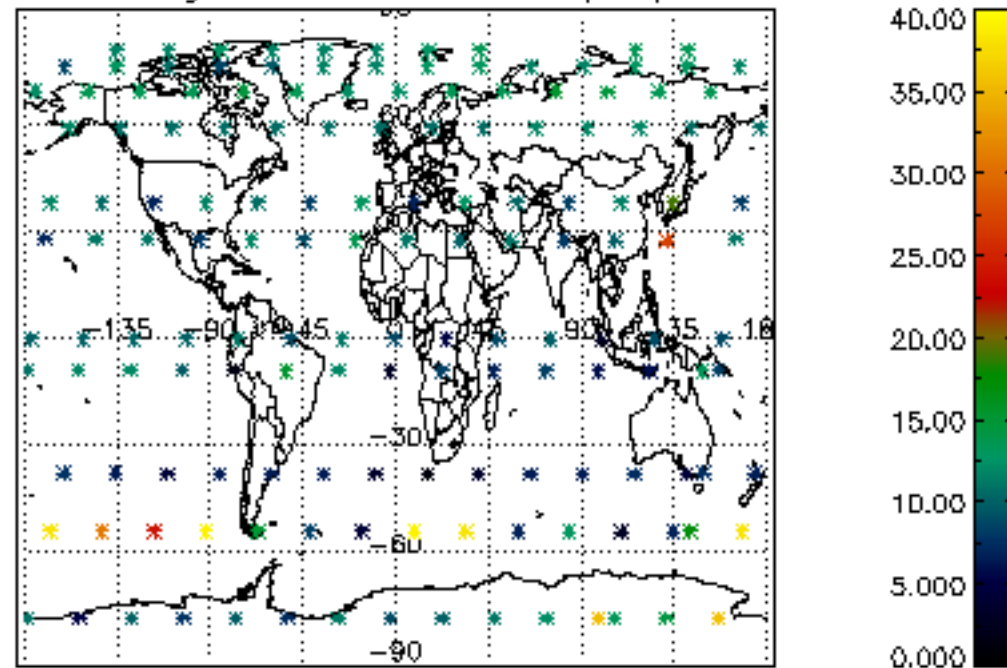
Percentage of datation errors per profile

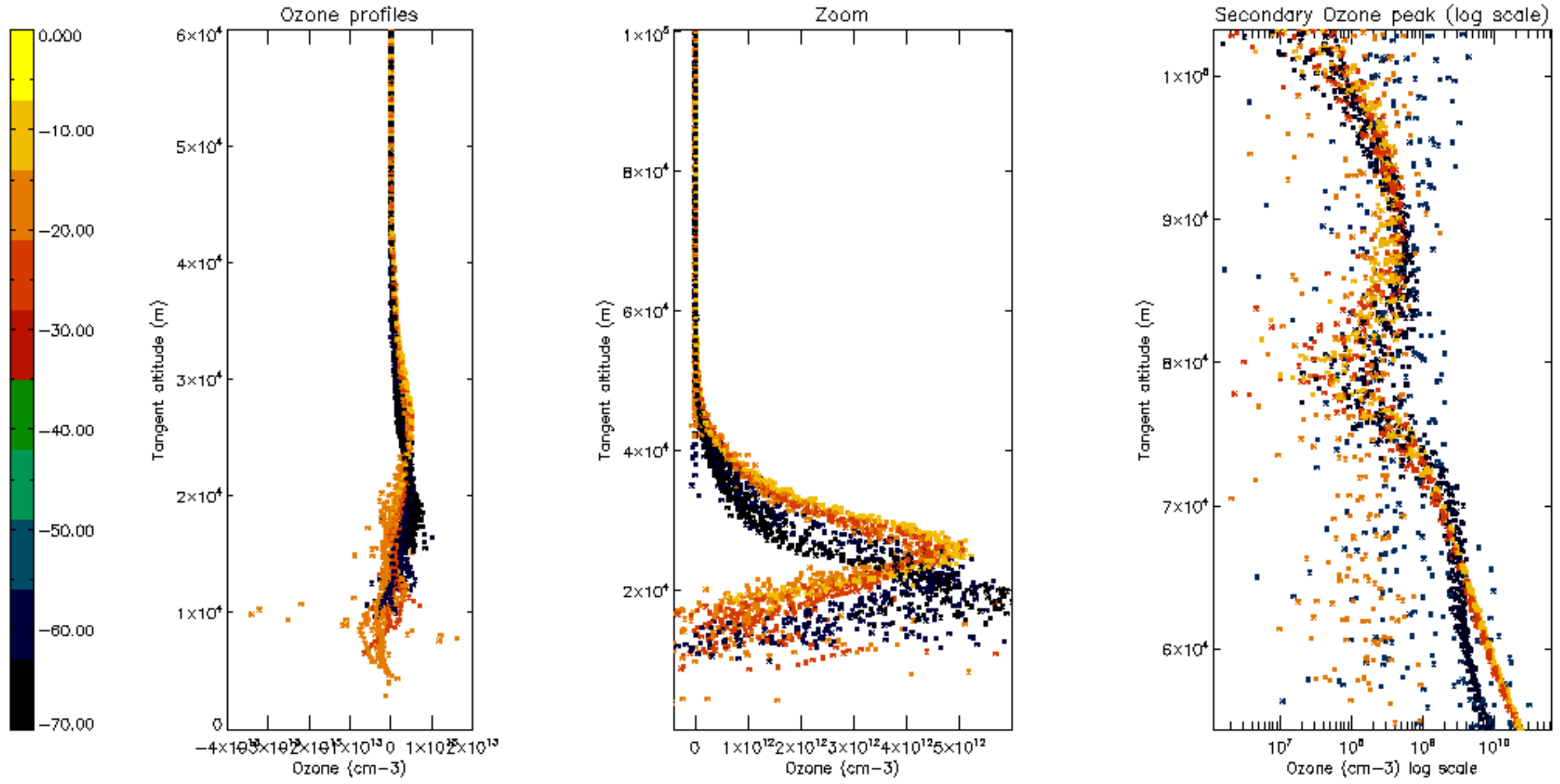


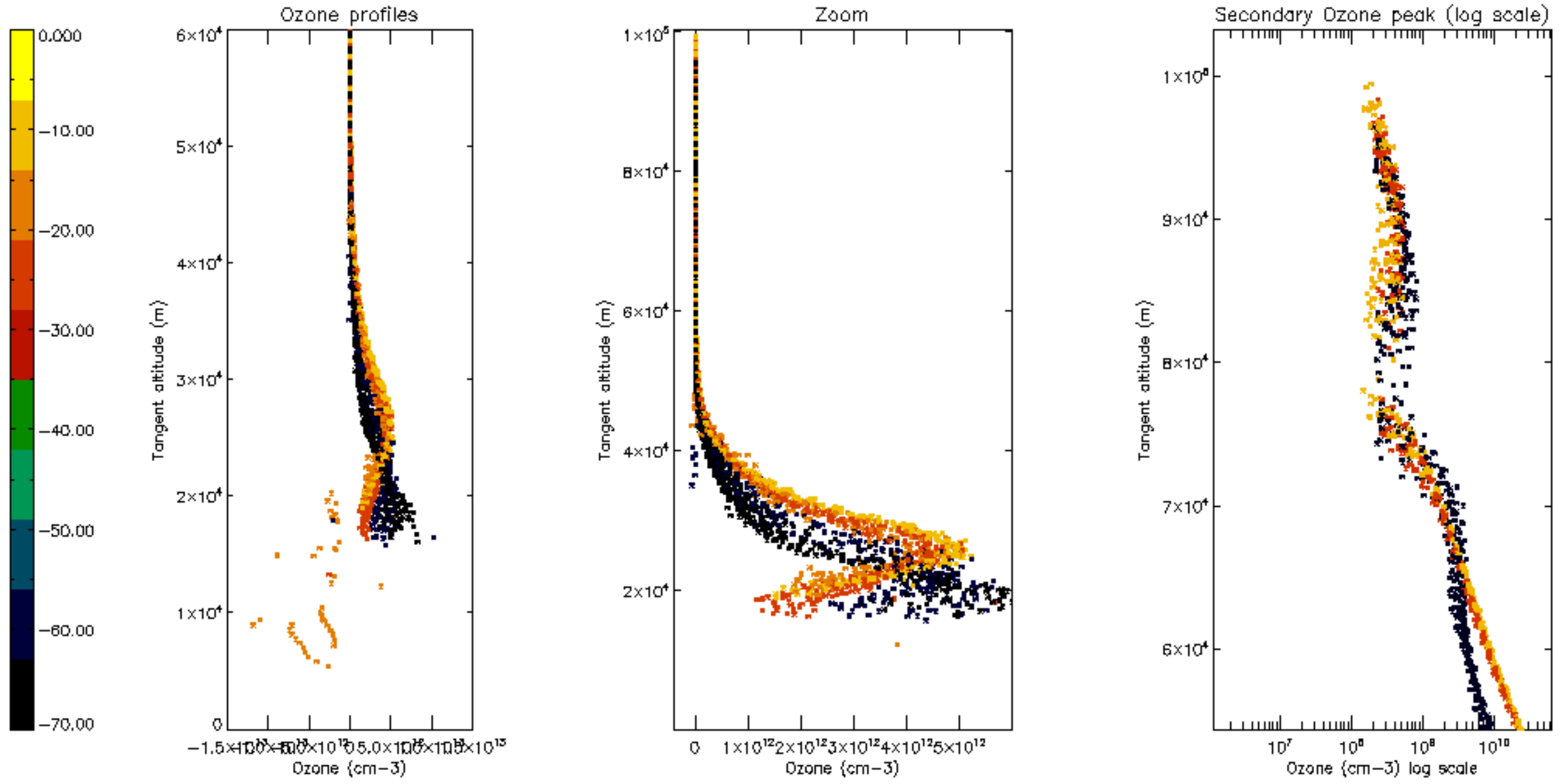
Percentage of star falling outside central band per profile

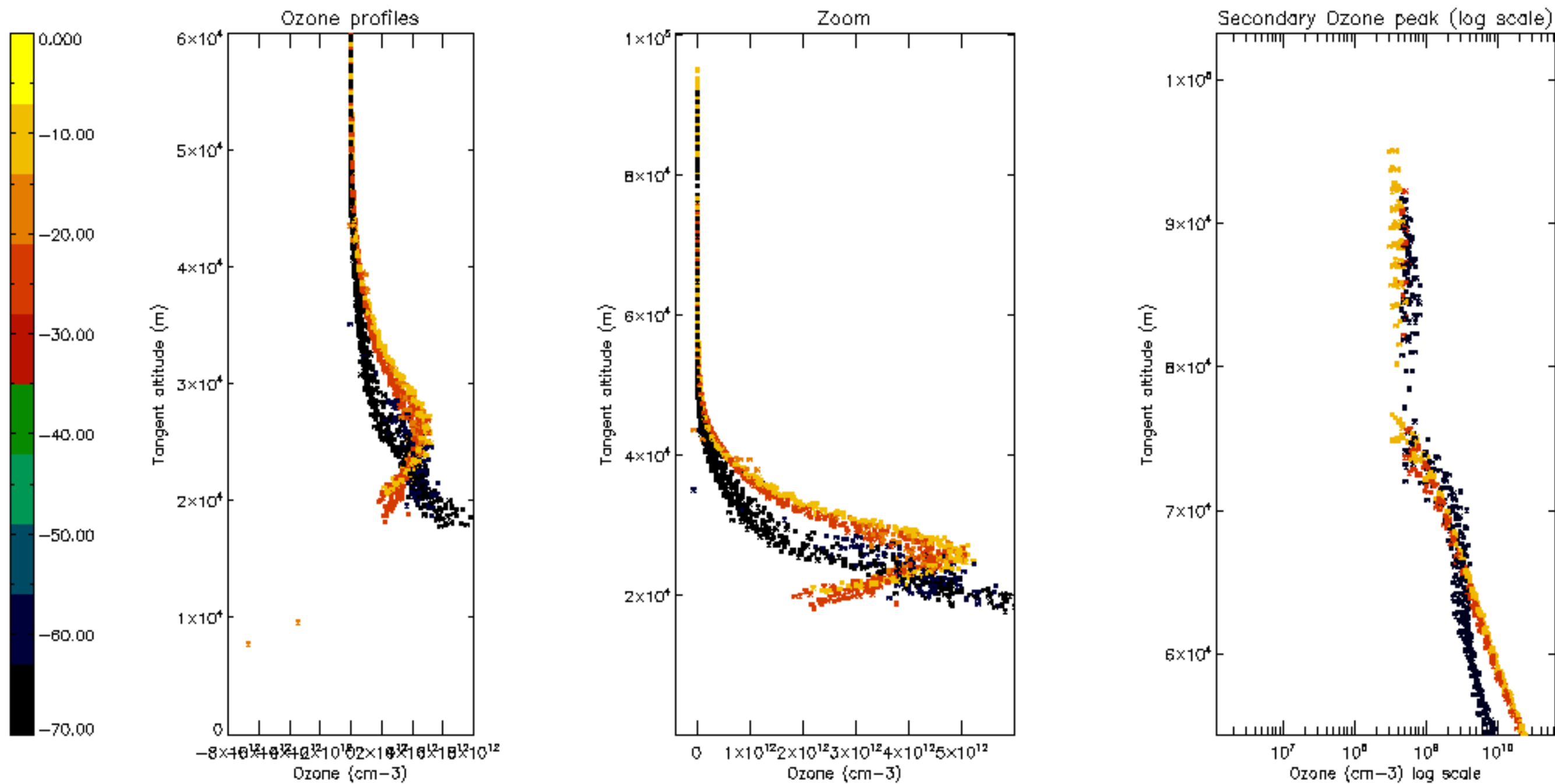


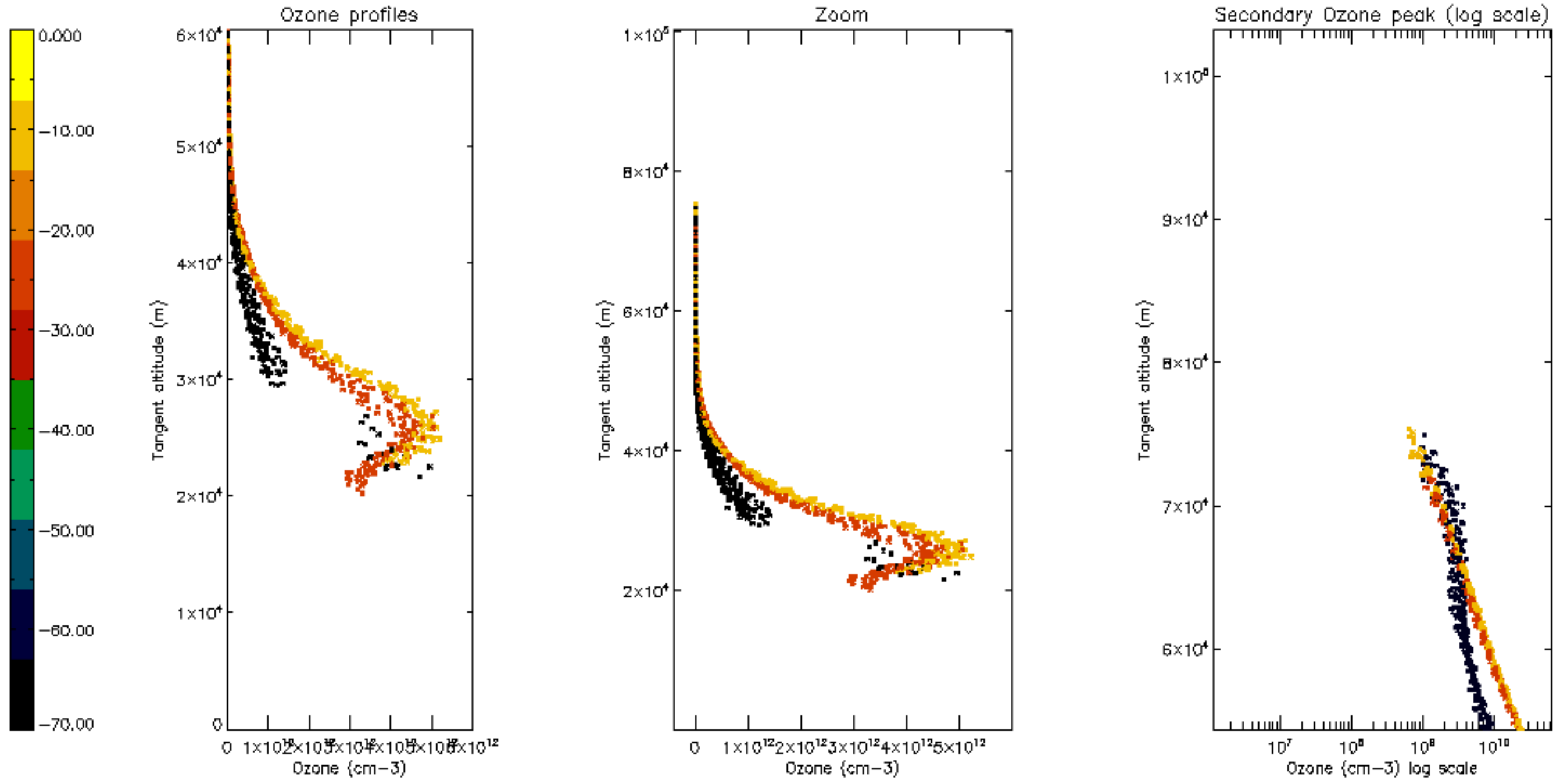
Percentage of saturation errors per profile

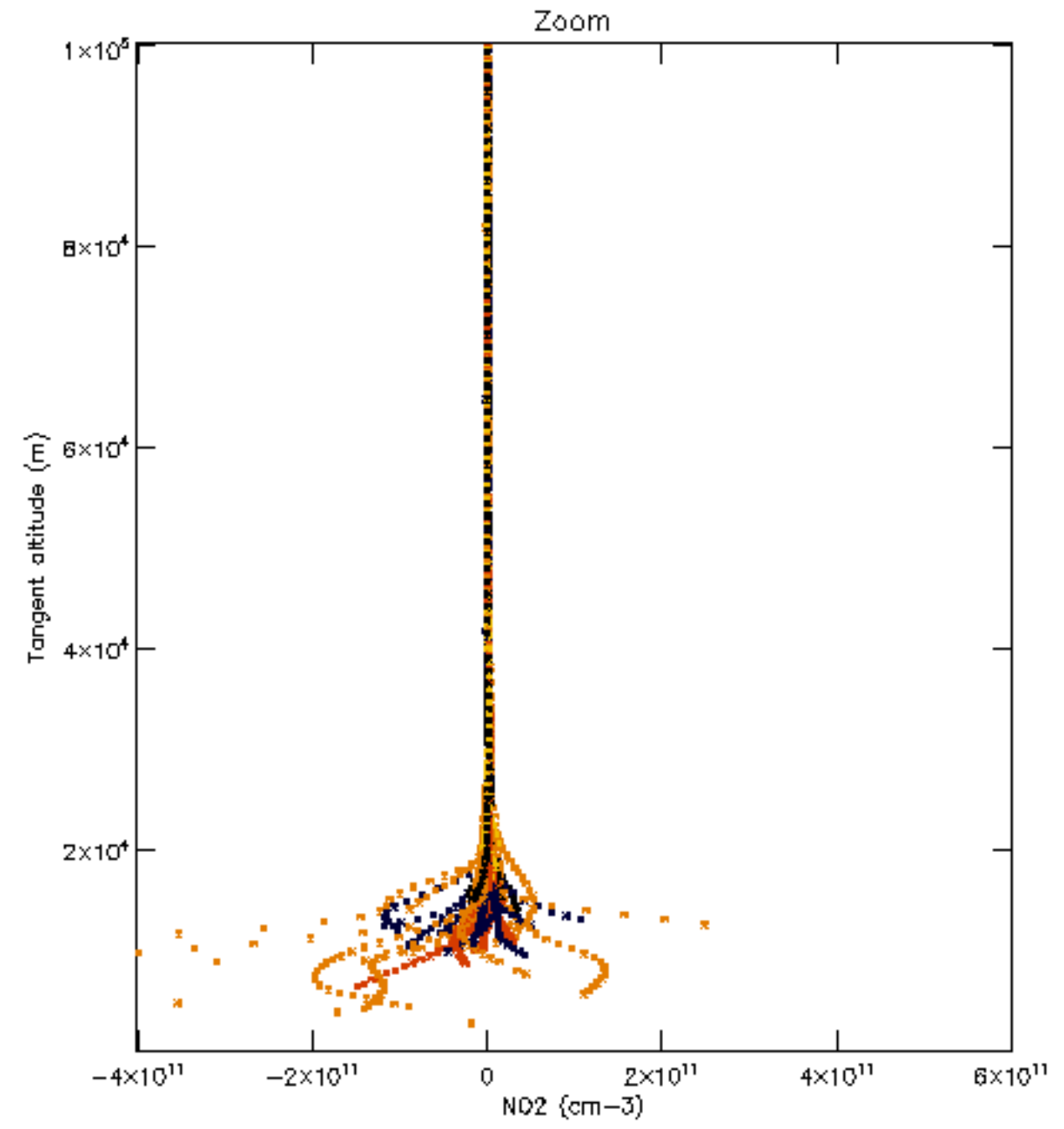
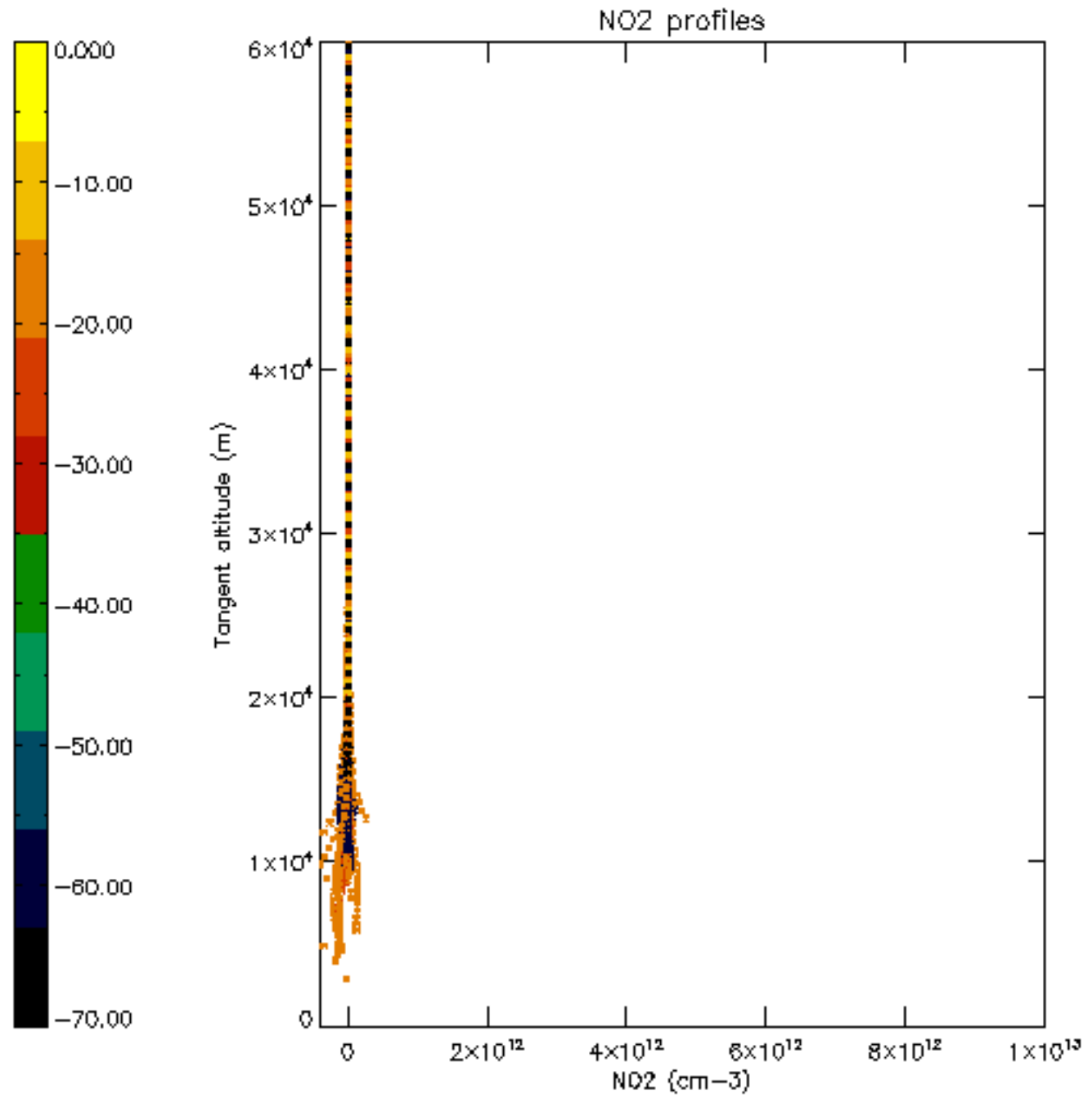


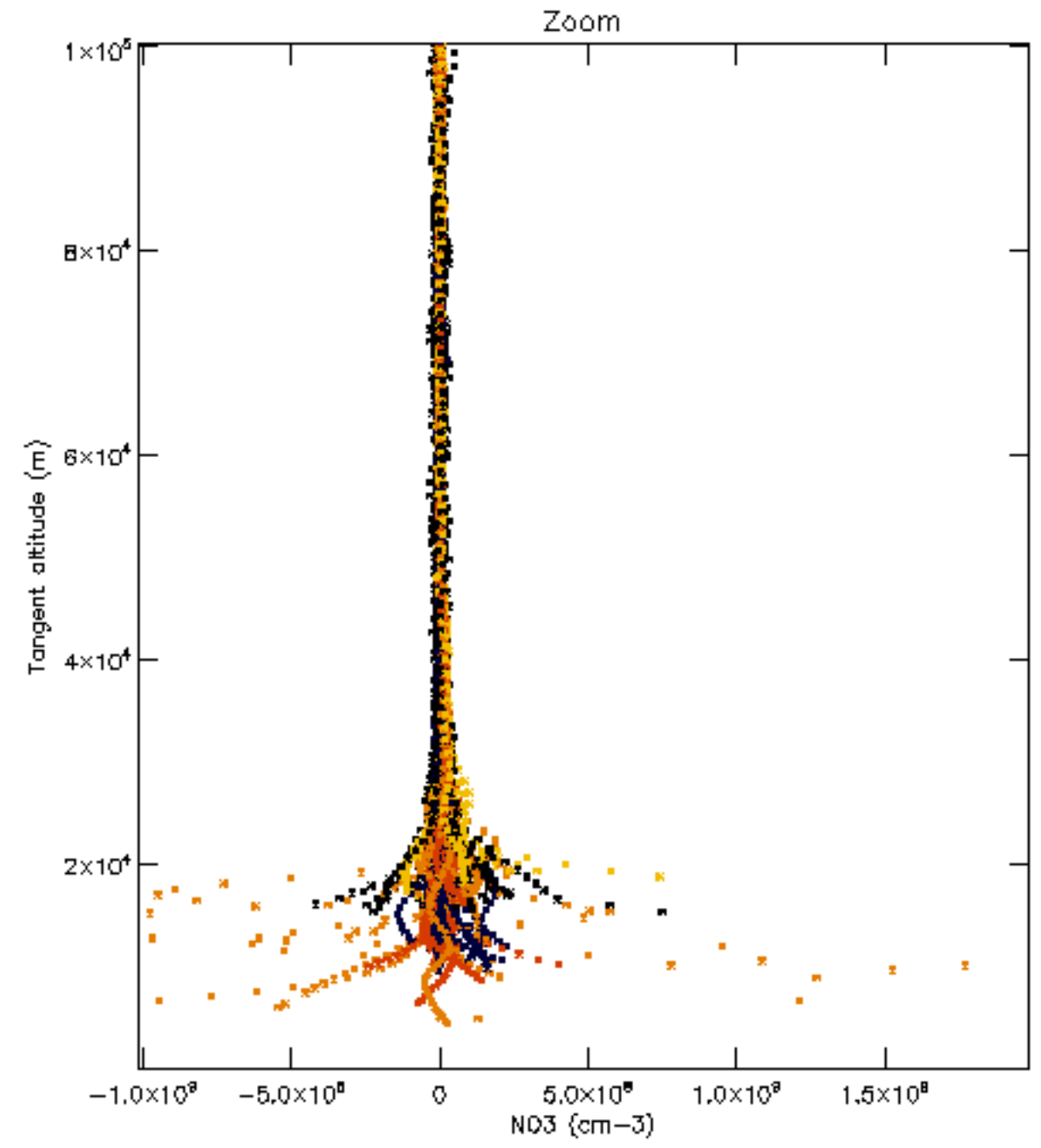
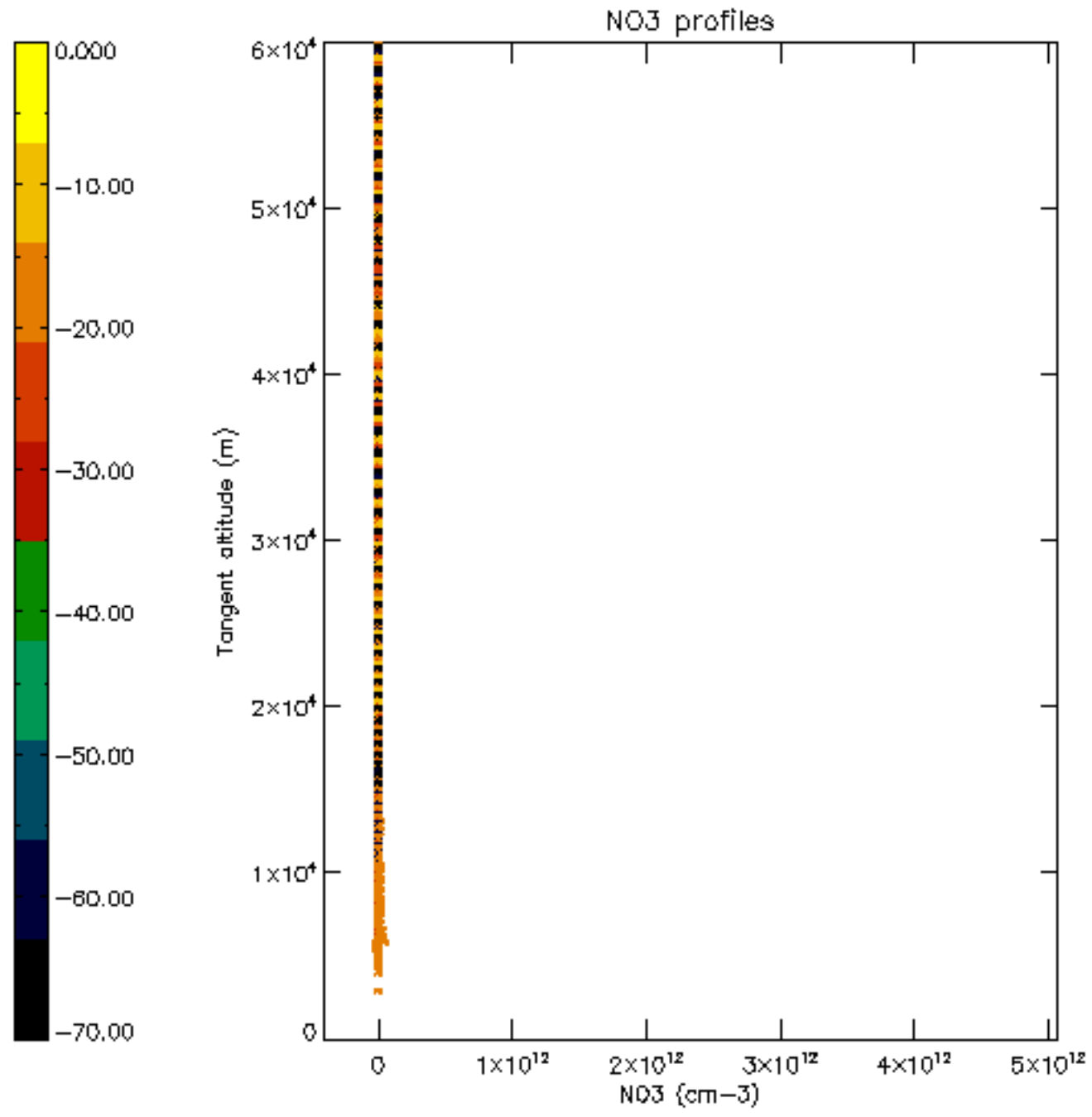


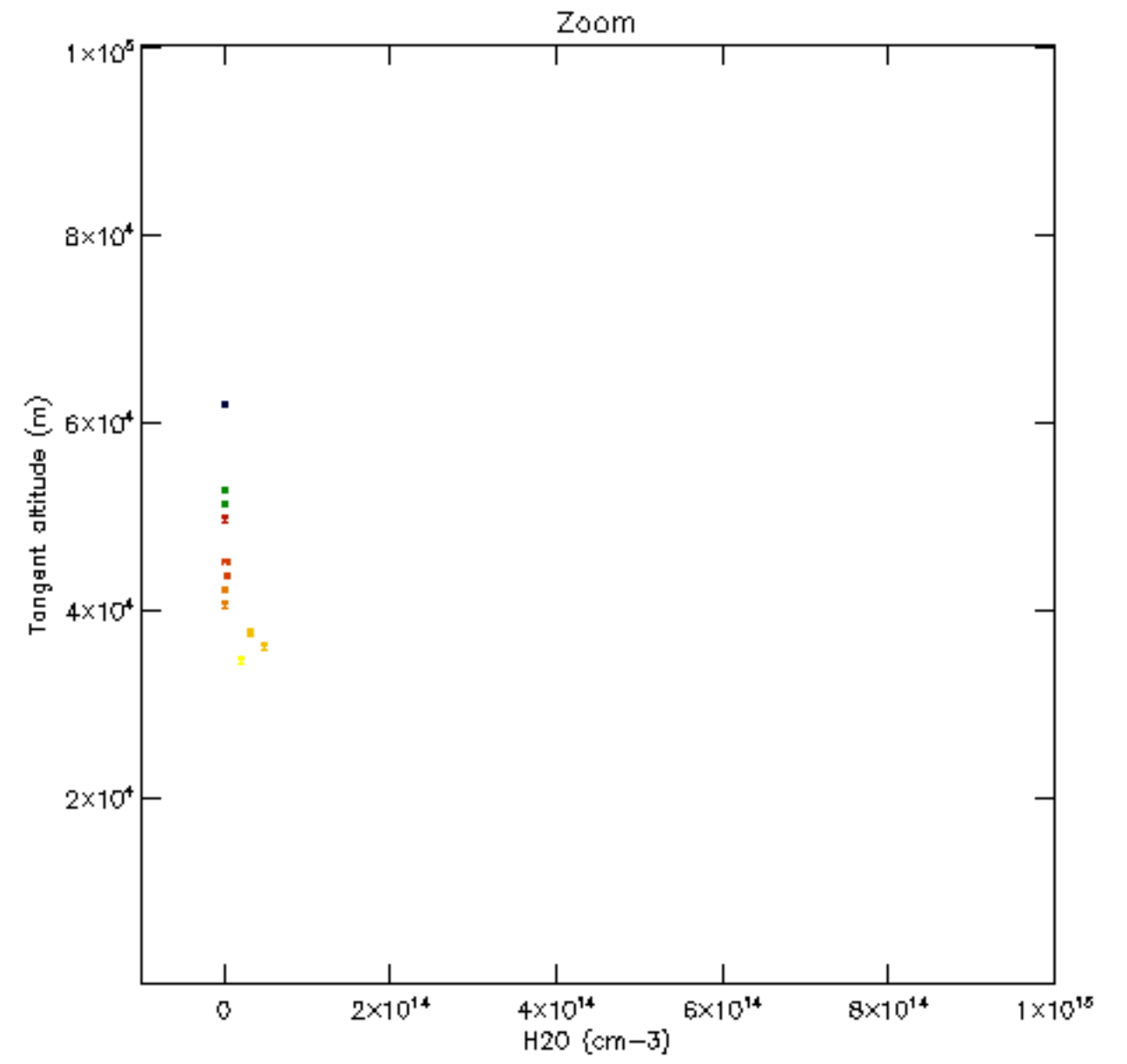
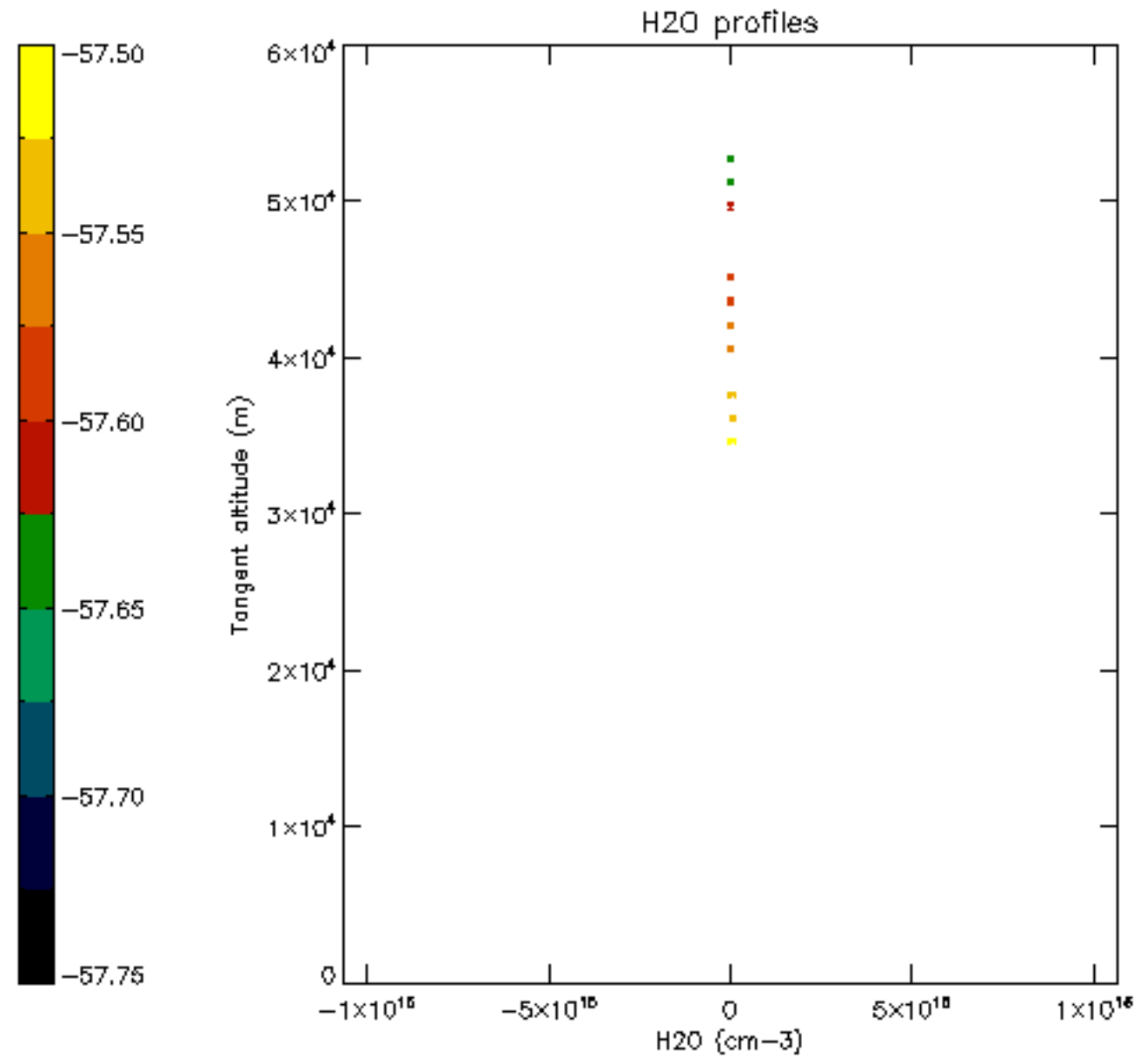


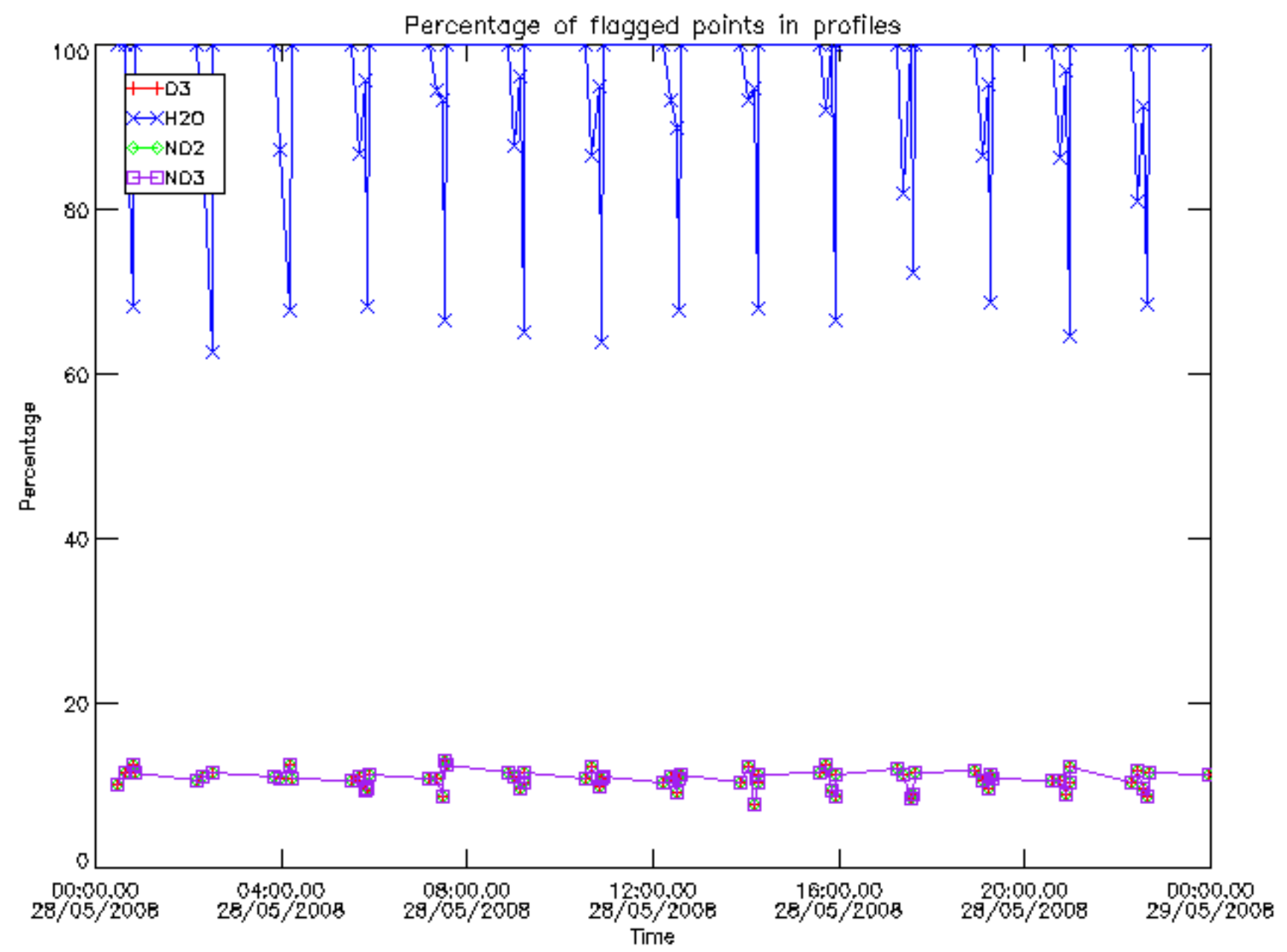




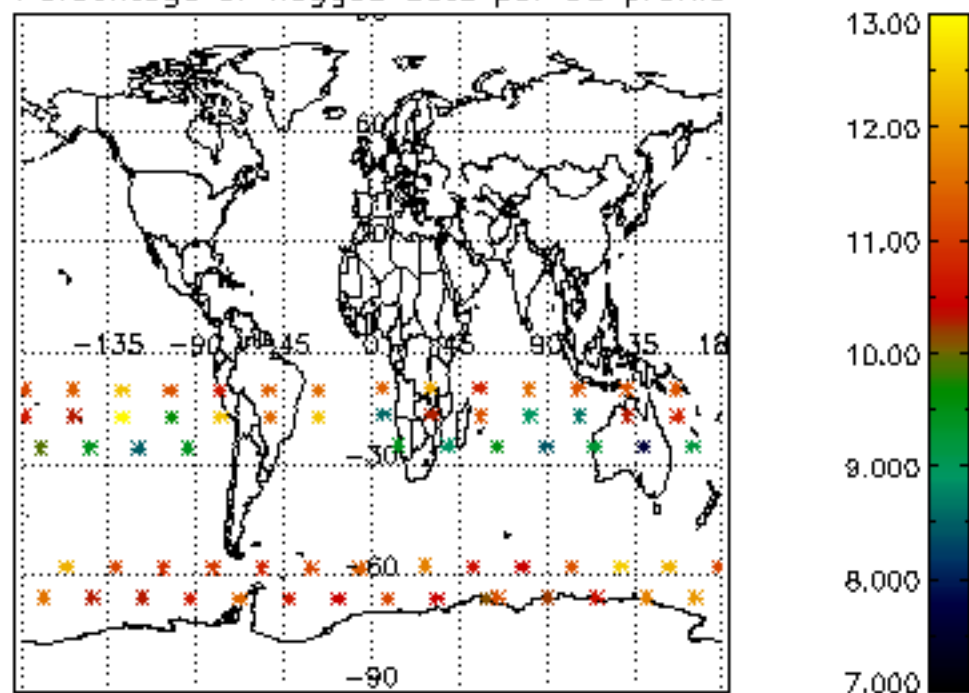




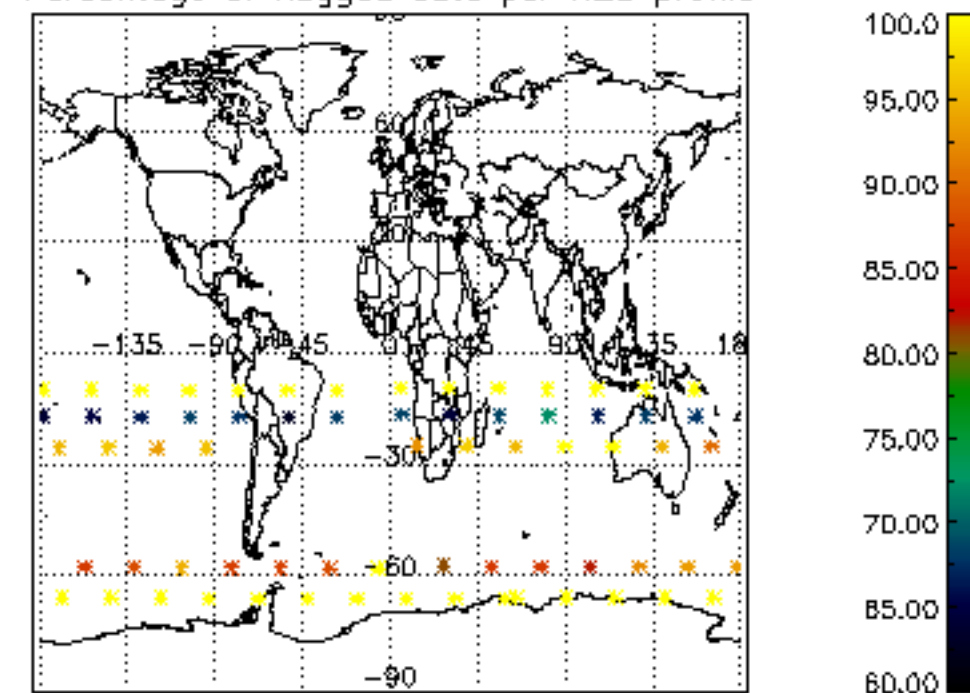




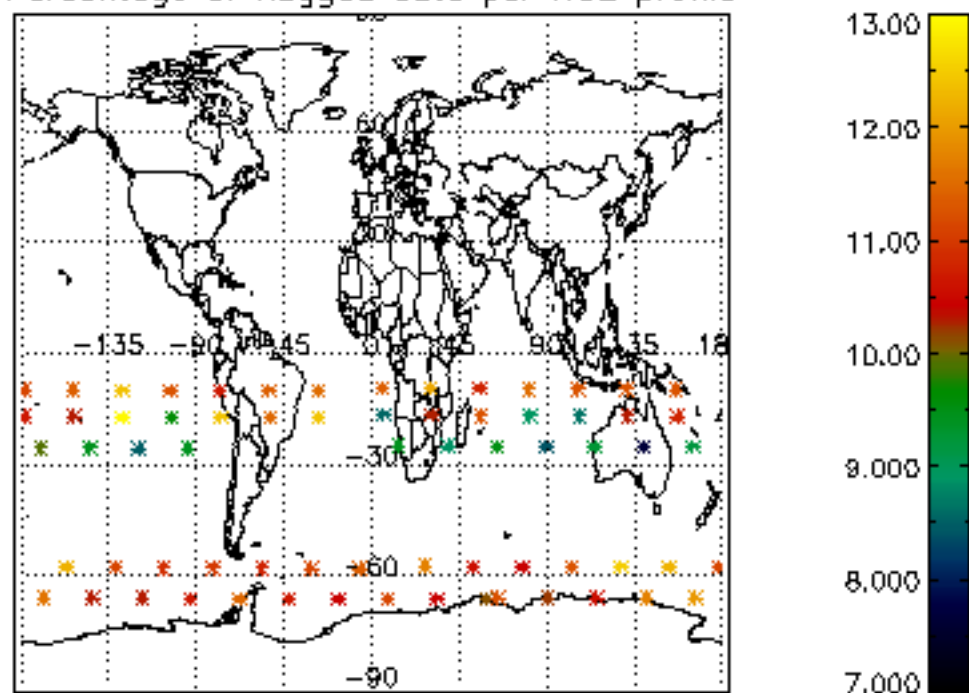
Percentage of flagged data per D3 profile



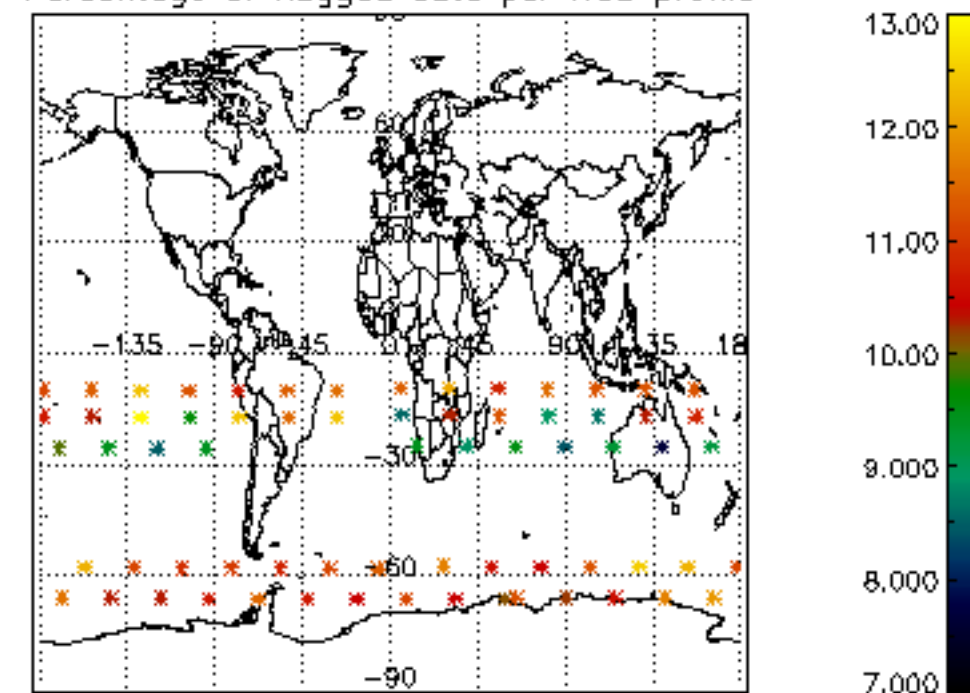
Percentage of flagged data per H2O profile

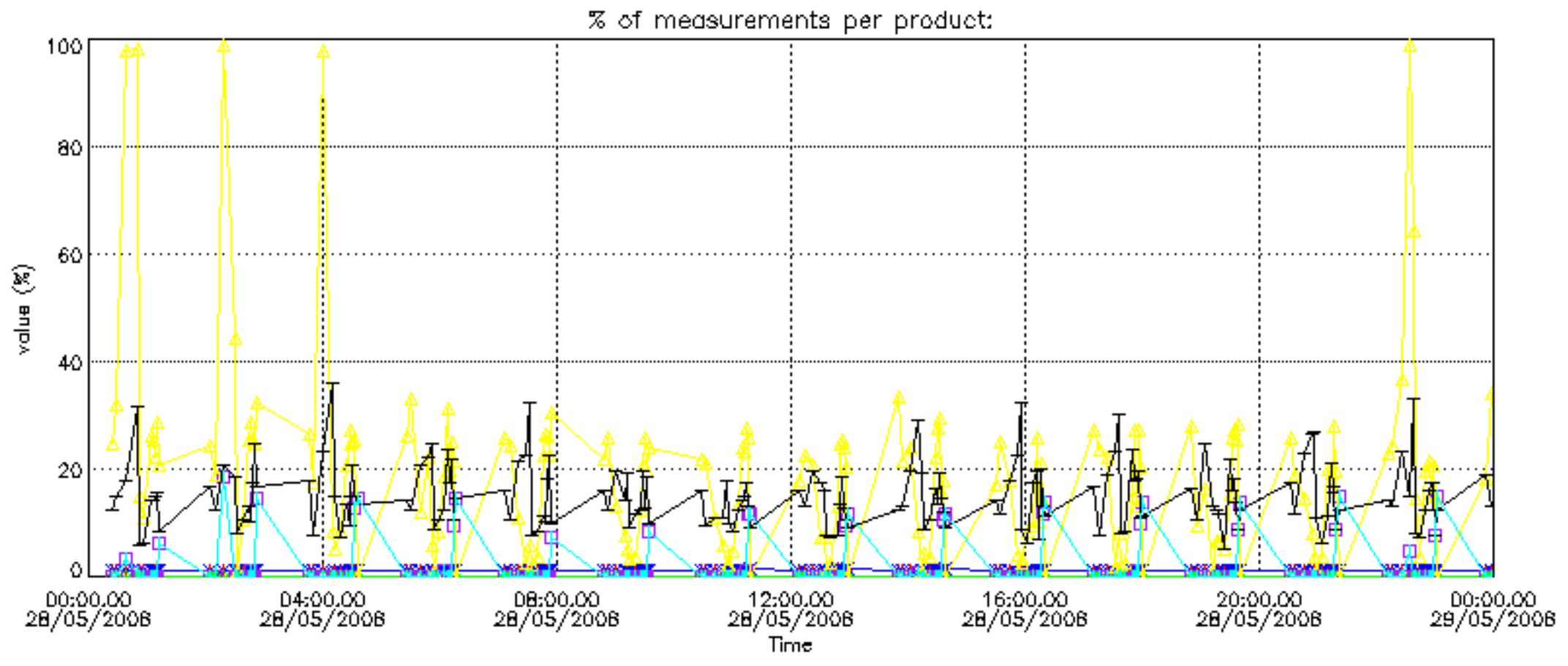


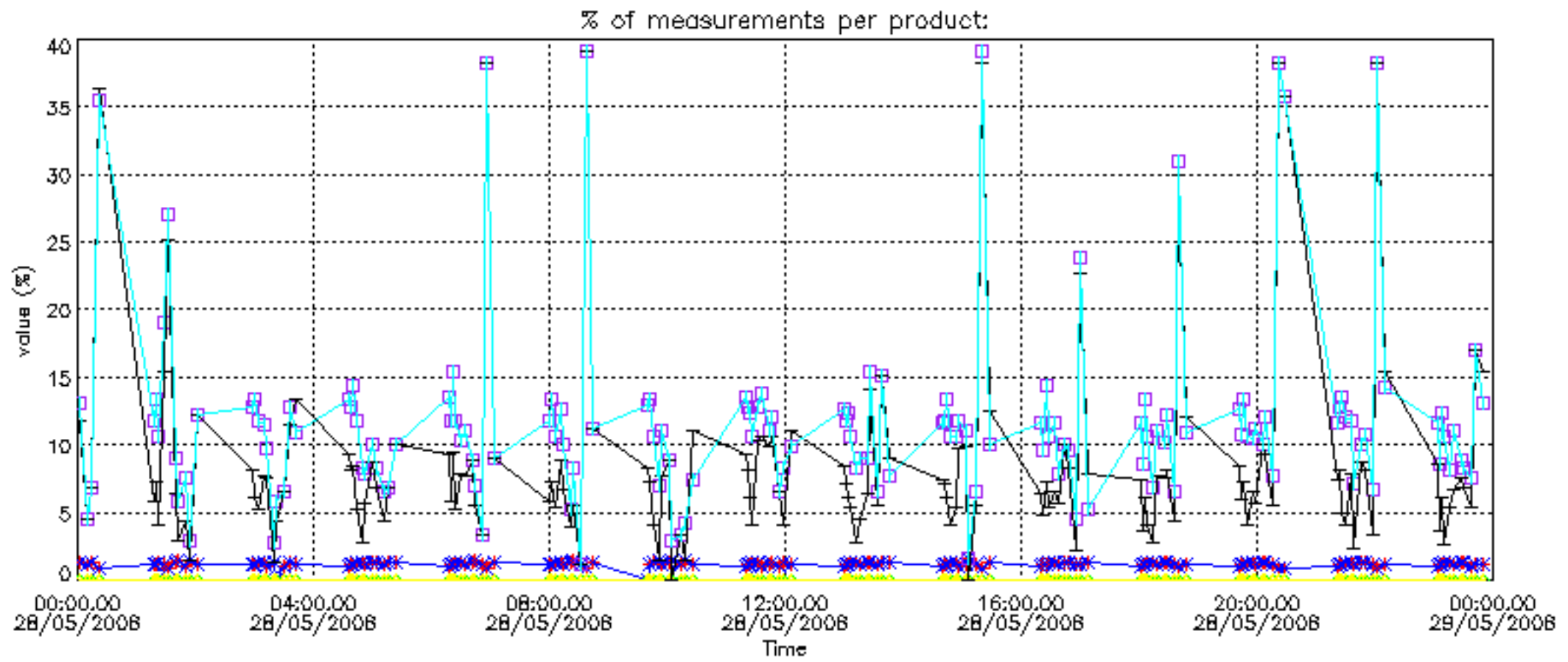
Percentage of flagged data per NO2 profile



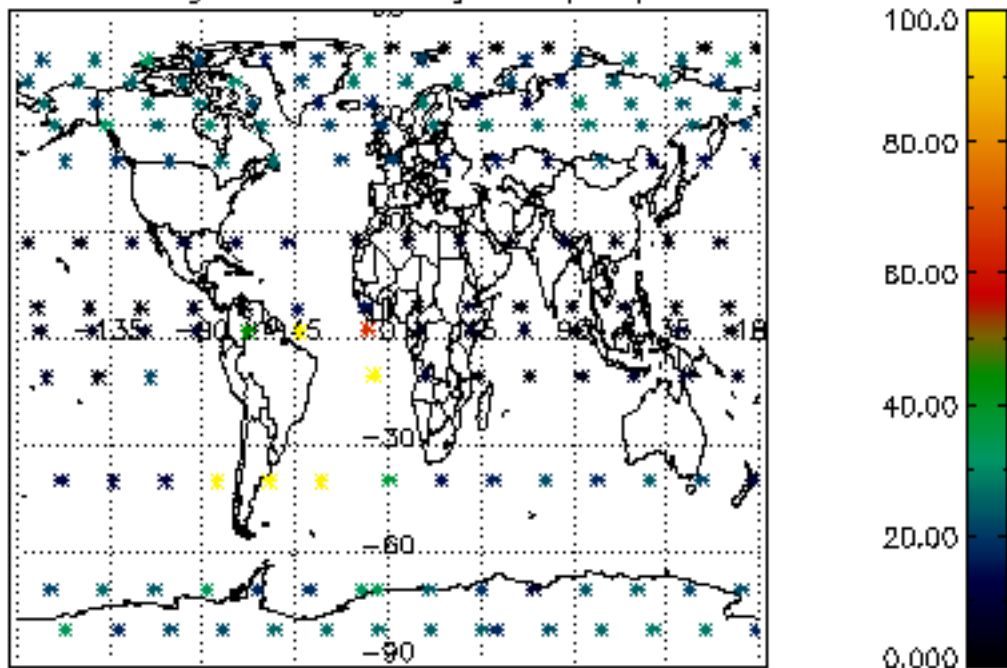
Percentage of flagged data per NO3 profile



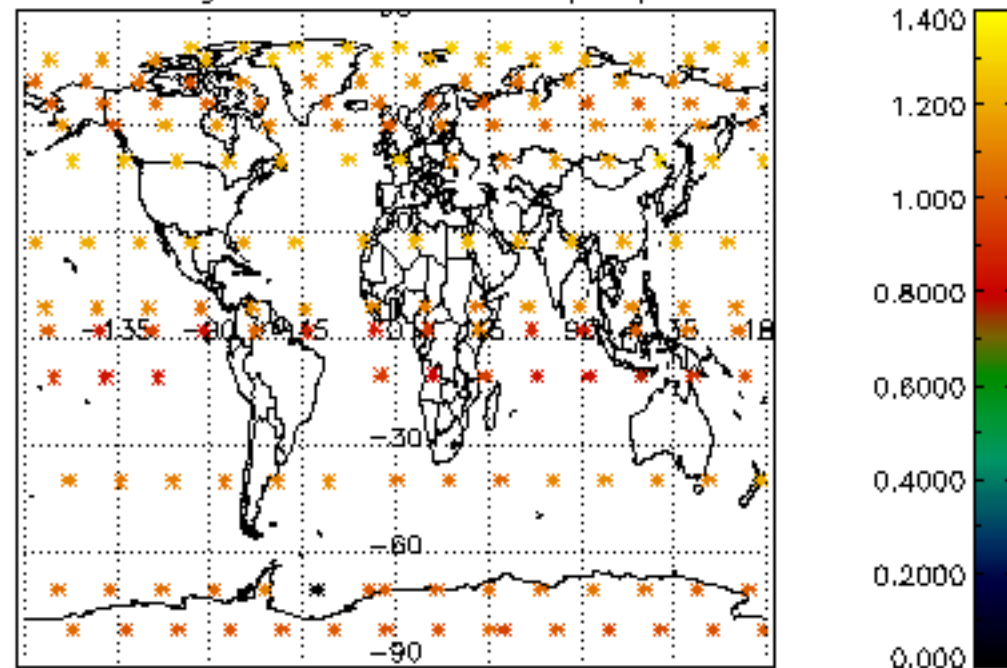




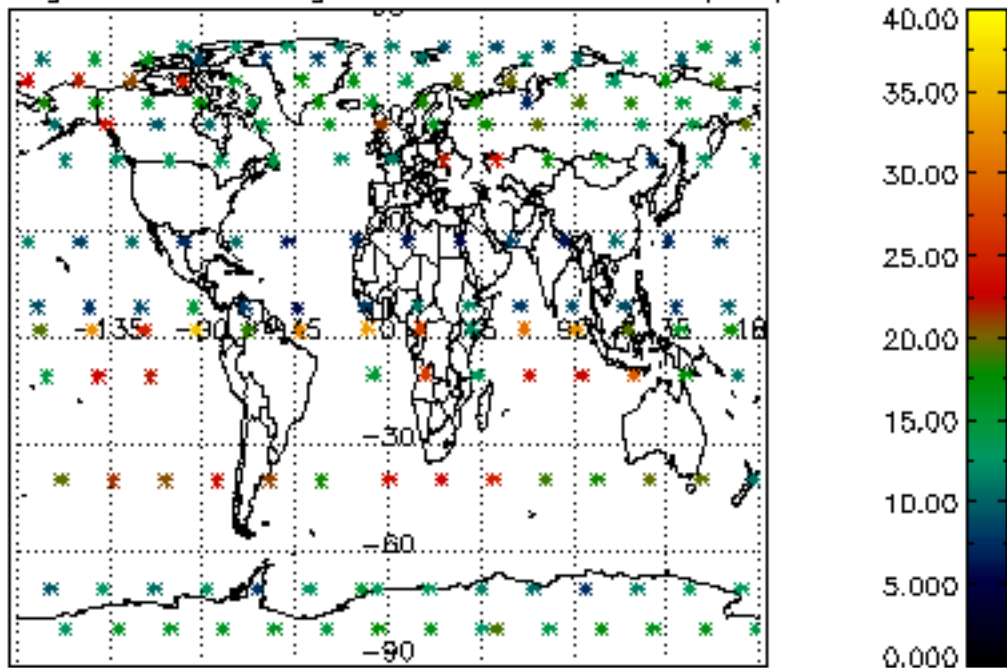
Percentage of cosmic ray hits per profile



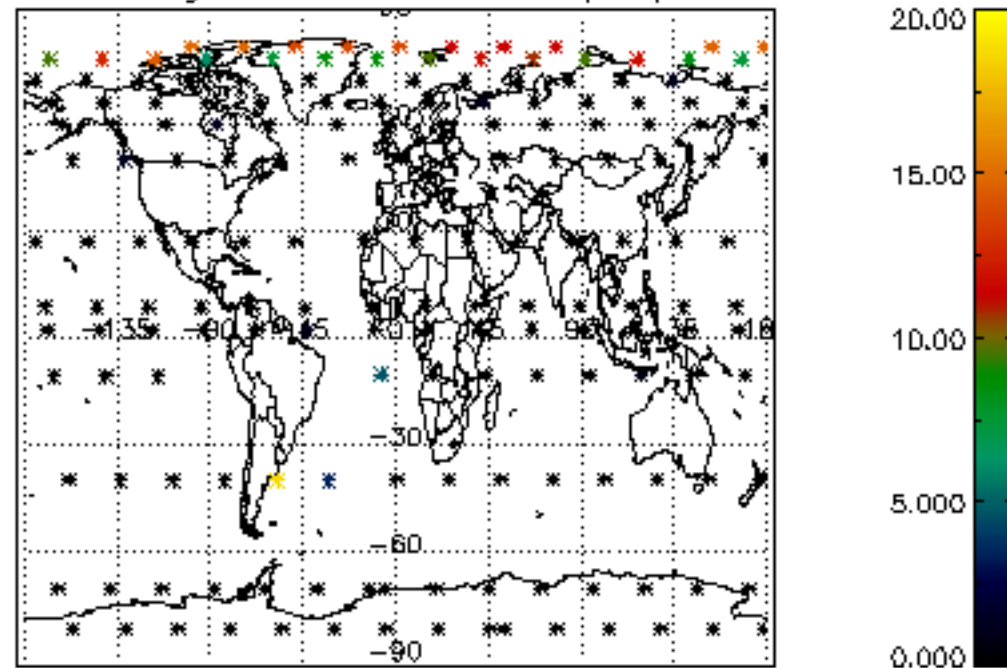
Percentage of datation errors per profile



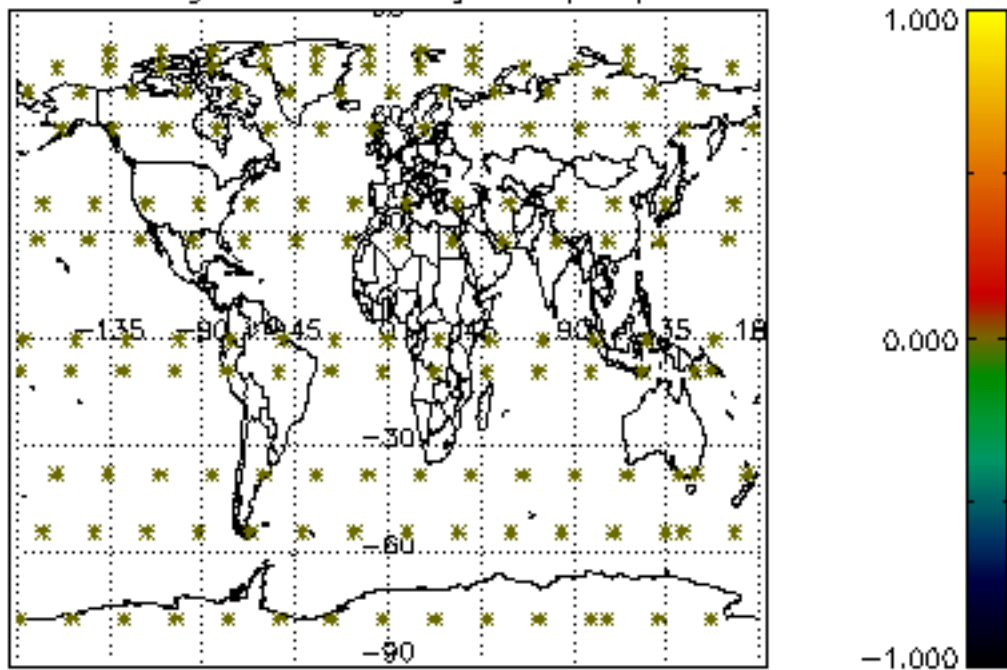
Percentage of star falling outside central band per profile



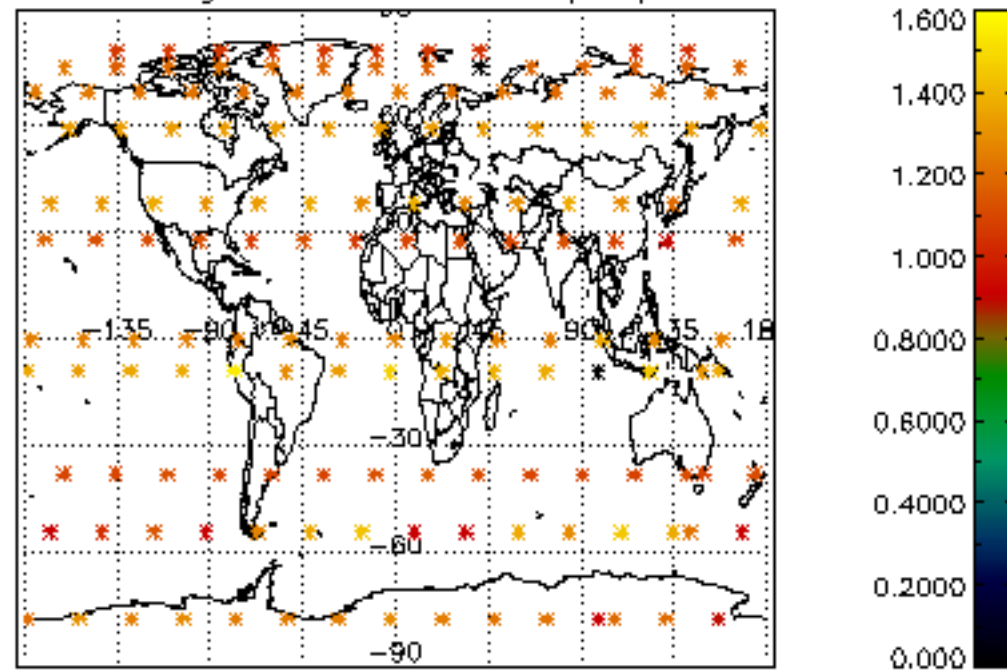
Percentage of saturation errors per profile



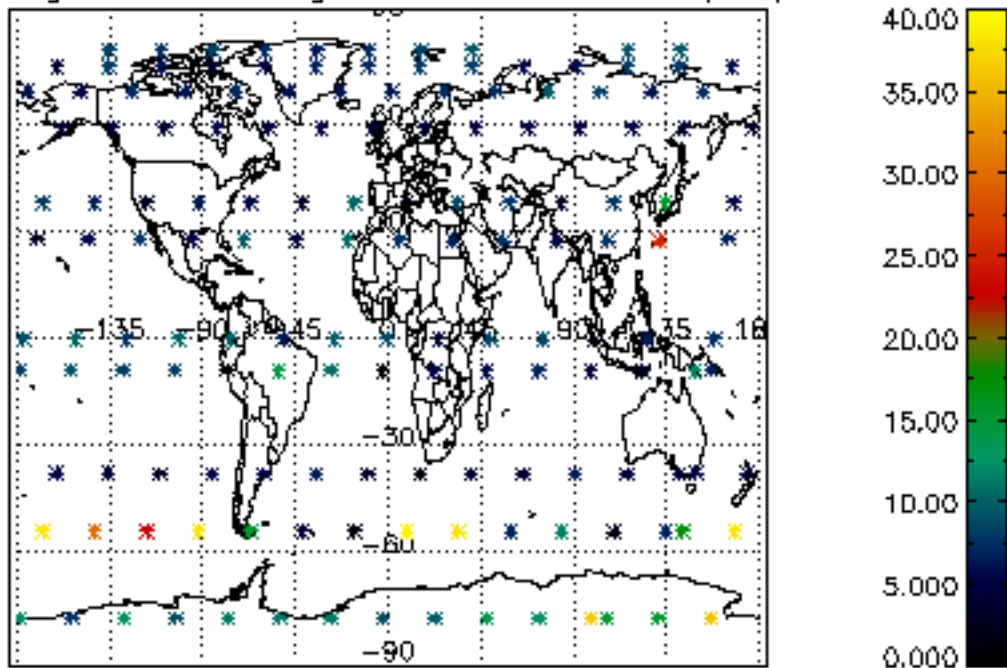
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

