

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	23APR2013 21:49:46
Data source version	GOMOS/6.01
Start time of products	21-05-2006 (21MAY2006 00:00:00)
Stop time of products	22-05-2006 (22MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	269
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__2PRFIN20060521_000827_000000532047_00474_22071_0083.N1	21-MAY-2006 00:08:27	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22071	No
2	GOM_NL__2PRFIN20060521_000940_000000352047_00474_22071_0084.N1	21-MAY-2006 00:09:40	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22071	No
3	GOM_NL__2PRFIN20060521_001815_000000452047_00474_22071_0085.N1	21-MAY-2006 00:18:15	Twilight	44.500	58	21Alp And	2.0730	11000.	89	22071	No
4	GOM_NL__2PRFIN20060521_002235_000000432047_00474_22071_0086.N1	21-MAY-2006 00:22:35	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	22071	No
5	GOM_NL__2PRFIN20060521_003829_000000502047_00474_22071_0087.N1	21-MAY-2006 00:38:29	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	22071	No
6	GOM_NL__2PRFIN20060521_004237_000000592047_00474_22071_0088.N1	21-MAY-2006 00:42:37	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	22071	No
7	GOM_NL__2PRFIN20060521_004413_000000492047_00475_22072_0069.N1	21-MAY-2006 00:44:13	Dark	49.000	31	Alp Gru	1.7340	15200.	98	22072	No
8	GOM_NL__2PRFIN20060521_004941_000000412047_00475_22072_0070.N1	21-MAY-2006 00:49:41	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22072	No
9	GOM_NL__2PRFIN20060521_005637_000000452047_00475_22072_0071.N1	21-MAY-2006 00:56:37	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	22072	No
10	GOM_NL__2PRFIN20060521_005920_000000472047_00475_22072_0072.N1	21-MAY-2006 00:59:20	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22072	No
11	GOM_NL__2PRFIN20060521_010111_000000532047_00475_22072_0073.N1	21-MAY-2006 01:01:11	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	22072	No
12	GOM_NL__2PRFIN20060521_010319_000000482047_00475_22072_0074.N1	21-MAY-2006 01:03:19	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	22072	No
13	GOM_NL__2PRFIN20060521_010615_000000562047_00475_22072_0075.N1	21-MAY-2006 01:06:15	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	22072	No
14	GOM_NL__2PRFIN20060521_010844_000000422047_00475_22072_0076.N1	21-MAY-2006 01:08:44	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	22072	No
15	GOM_NL__2PRFIN20060521_011216_000000382047_00475_22072_0077.N1	21-MAY-2006 01:12:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22072	No
16	GOM_NL__2PRFIN20060521_011716_000000412047_00475_22072_0078.N1	21-MAY-2006 01:17:16	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	22072	No
17	GOM_NL__2PRFIN20060521_012258_000000402047_00475_22072_0079.N1	21-MAY-2006 01:22:58	Bright	39.500	83		2.3780	11000.	79	22072	No
18	GOM_NL__2PRFIN20060521_012607_000000372047_00475_22072_0080.N1	21-MAY-2006 01:26:07	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	22072	No
19	GOM_NL__2PRFIN20060521_013426_000000402047_00475_22072_0081.N1	21-MAY-2006 01:34:26	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22072	No
20	GOM_NL__2PRFIN20060521_013620_000000332047_00475_22072_0082.N1	21-MAY-2006 01:36:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22072	No
21	GOM_NL__2PRFIN20060521_014903_000000362047_00475_22072_0083.N1	21-MAY-2006 01:49:03	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	22072	No
22	GOM_NL__2PRFIN20060521_015016_000000442047_00475_22072_0084.N1	21-MAY-2006 01:50:16	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	22072	No
23	GOM_NL__2PRFIN20060521_020311_000000432047_00475_22072_0085.N1	21-MAY-2006 02:03:11	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	22072	No
24	GOM_NL__2PRFIN20060521_021906_000000522047_00475_22072_0086.N1	21-MAY-2006 02:19:06	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	22072	No
25	GOM_NL__2PRFIN20060521_022313_000000572047_00475_22072_0087.N1	21-MAY-2006 02:23:13	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22072	No
26	GOM_NL__2PRFIN20060521_022450_000000442047_00476_22073_0069.N1	21-MAY-2006 02:24:50	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22073	No
27	GOM_NL__2PRFIN20060521_023018_000000412047_00476_22073_0070.N1	21-MAY-2006 02:30:18	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22073	No
28	GOM_NL__2PRFIN20060521_023714_000000412047_00476_22073_0071.N1	21-MAY-2006 02:37:14	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	22073	No
29	GOM_NL__2PRFIN20060521_023956_000000502047_00476_22073_0072.N1	21-MAY-2006 02:39:56	Straylight	49.500	40	The Sco	1.8590	7100.0	99	22073	No
30	GOM_NL__2PRFIN20060521_024147_000000492047_00476_22073_0073.N1	21-MAY-2006 02:41:47	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	22073	No
31	GOM_NL__2PRFIN20060521_024356_000000512047_00476_22073_0074.N1	21-MAY-2006 02:43:56	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	22073	No
32	GOM_NL__2PRFIN20060521_024652_000000522047_00476_22073_0075.N1	21-MAY-2006 02:46:52	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	22073	No
33	GOM_NL__2PRFIN20060521_024920_000000422047_00476_22073_0076.N1	21-MAY-2006 02:49:20	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	22073	No
34	GOM_NL__2PRFIN20060521_025252_000000382047_00476_22073_0077.N1	21-MAY-2006 02:52:52	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22073	No
35	GOM_NL__2PRFIN20060521_025752_000000412047_00476_22073_0078.N1	21-MAY-2006 02:57:52	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	22073	No
36	GOM_NL__2PRFIN20060521_030334_000000372047_00476_22073_0079.N1	21-MAY-2006 03:03:34	Bright	36.500	83		2.3780	11000.	73	22073	No
37	GOM_NL__2PRFIN20060521_030643_000000362047_00476_22073_0080.N1	21-MAY-2006 03:06:43	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	22073	No
38	GOM_NL__2PRFIN20060521_031502_000000412047_00476_22073_0081.N1	21-MAY-2006 03:15:02	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22073	No
39	GOM_NL__2PRFIN20060521_031656_000000322047_00476_22073_0082.N1	21-MAY-2006 03:16:56	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	22073	No
40	GOM_NL__2PRFIN20060521_032939_000000532047_00476_22073_0083.N1	21-MAY-2006 03:29:39	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22073	No
41	GOM_NL__2PRFIN20060521_033051_000000352047_00476_22073_0084.N1	21-MAY-2006 03:30:51	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22073	No
42	GOM_NL__2PRFIN20060521_033927_000000442047_00476_22073_0085.N1	21-MAY-2006 03:39:27	Twilight	44.000	58	21Alp And	2.0730	11000.	88	22073	No

43	GOM_NL__2PRFIN20060521_034348_000000442047_00476_22073_0086.N1	21-MAY-2006 03:43:48	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	22073	No
44	GOM_NL__2PRFIN20060521_035943_000000522047_00476_22073_0087.N1	21-MAY-2006 03:59:43	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	22073	No
45	GOM_NL__2PRFIN20060521_040350_000000592047_00476_22073_0088.N1	21-MAY-2006 04:03:50	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	22073	No
46	GOM_NL__2PRFIN20060521_040527_000000442047_00477_22074_0069.N1	21-MAY-2006 04:05:27	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22074	No
47	GOM_NL__2PRFIN20060521_041054_000000412047_00477_22074_0070.N1	21-MAY-2006 04:10:54	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22074	No
48	GOM_NL__2PRFIN20060521_041750_000000402047_00477_22074_0071.N1	21-MAY-2006 04:17:50	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22074	No
49	GOM_NL__2PRFIN20060521_042033_000000512047_00477_22074_0072.N1	21-MAY-2006 04:20:33	Straylight	51.000	40	The Sco	1.8590	7100.0	102	22074	No
50	GOM_NL__2PRFIN20060521_042224_000000522047_00477_22074_0073.N1	21-MAY-2006 04:22:24	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	22074	No
51	GOM_NL__2PRFIN20060521_042432_000000522047_00477_22074_0074.N1	21-MAY-2006 04:24:32	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	22074	No
52	GOM_NL__2PRFIN20060521_042728_000000622047_00477_22074_0075.N1	21-MAY-2006 04:27:28	Tw_i_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	22074	No
53	GOM_NL__2PRFIN20060521_042956_000000412047_00477_22074_0076.N1	21-MAY-2006 04:29:56	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22074	No
54	GOM_NL__2PRFIN20060521_043328_000000372047_00477_22074_0077.N1	21-MAY-2006 04:33:28	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	22074	No
55	GOM_NL__2PRFIN20060521_043828_000000422047_00477_22074_0078.N1	21-MAY-2006 04:38:28	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	22074	No
56	GOM_NL__2PRFIN20060521_044410_000000372047_00477_22074_0079.N1	21-MAY-2006 04:44:10	Bright	37.000	83		2.3780	11000.	74	22074	No
57	GOM_NL__2PRFIN20060521_044719_000000352047_00477_22074_0080.N1	21-MAY-2006 04:47:19	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	22074	No
58	GOM_NL__2PRFIN20060521_045537_000000412047_00477_22074_0081.N1	21-MAY-2006 04:55:37	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22074	No
59	GOM_NL__2PRFIN20060521_045732_000000382047_00477_22074_0082.N1	21-MAY-2006 04:57:32	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	22074	No
60	GOM_NL__2PRFIN20060521_051015_000000382047_00477_22074_0083.N1	21-MAY-2006 05:10:15	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22074	No
61	GOM_NL__2PRFIN20060521_051128_000000352047_00477_22074_0084.N1	21-MAY-2006 05:11:28	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22074	No
62	GOM_NL__2PRFIN20060521_052004_000000472047_00477_22074_0085.N1	21-MAY-2006 05:20:04	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	22074	No
63	GOM_NL__2PRFIN20060521_052424_000000452047_00477_22074_0086.N1	21-MAY-2006 05:24:24	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	22074	No
64	GOM_NL__2PRFIN20060521_054020_000000532047_00477_22074_0087.N1	21-MAY-2006 05:40:20	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	22074	No
65	GOM_NL__2PRFIN20060521_054426_000000592047_00477_22074_0088.N1	21-MAY-2006 05:44:26	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	22074	No
66	GOM_NL__2PRFIN20060521_054604_000000462047_00478_22075_0070.N1	21-MAY-2006 05:46:04	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22075	No
67	GOM_NL__2PRFIN20060521_055131_000000422047_00478_22075_0071.N1	21-MAY-2006 05:51:31	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22075	No
68	GOM_NL__2PRFIN20060521_055827_000000432047_00478_22075_0072.N1	21-MAY-2006 05:58:27	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	22075	No
69	GOM_NL__2PRFIN20060521_060109_000000482047_00478_22075_0073.N1	21-MAY-2006 06:01:09	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22075	No
70	GOM_NL__2PRFIN20060521_060301_000000512047_00478_22075_0074.N1	21-MAY-2006 06:03:01	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	22075	No
71	GOM_NL__2PRFIN20060521_060509_000000492047_00478_22075_0075.N1	21-MAY-2006 06:05:09	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22075	No
72	GOM_NL__2PRFIN20060521_060805_000000512047_00478_22075_0076.N1	21-MAY-2006 06:08:05	Tw_i_and_stray	50.500	16	21Alp Sco	1.0200	3000.0	101	22075	No
73	GOM_NL__2PRFIN20060521_061032_000000412047_00478_22075_0077.N1	21-MAY-2006 06:10:32	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	22075	No
74	GOM_NL__2PRFIN20060521_061404_000000372047_00478_22075_0078.N1	21-MAY-2006 06:14:04	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	22075	No
75	GOM_NL__2PRFIN20060521_061903_000000432047_00478_22075_0079.N1	21-MAY-2006 06:19:03	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	22075	No
76	GOM_NL__2PRFIN20060521_062446_000000382047_00478_22075_0080.N1	21-MAY-2006 06:24:46	Bright	37.500	83		2.3780	11000.	75	22075	No
77	GOM_NL__2PRFIN20060521_062755_000000422047_00478_22075_0081.N1	21-MAY-2006 06:27:55	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	22075	No
78	GOM_NL__2PRFIN20060521_063613_000000392047_00478_22075_0082.N1	21-MAY-2006 06:36:13	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22075	No
79	GOM_NL__2PRFIN20060521_063808_000000382047_00478_22075_0083.N1	21-MAY-2006 06:38:08	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	22075	No
80	GOM_NL__2PRFIN20060521_065051_000000352047_00478_22075_0084.N1	21-MAY-2006 06:50:51	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22075	No
81	GOM_NL__2PRFIN20060521_065203_000000412047_00478_22075_0085.N1	21-MAY-2006 06:52:03	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	22075	No
82	GOM_NL__2PRFIN20060521_070040_000000462047_00478_22075_0086.N1	21-MAY-2006 07:00:40	Tw_i_and_stray	45.500	58	21Alp And	2.0730	11000.	91	22075	No
83	GOM_NL__2PRFIN20060521_070500_000000452047_00478_22075_0087.N1	21-MAY-2006 07:05:00	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22075	No
84	GOM_NL__2PRFIN20060521_072057_000000542047_00478_22075_0088.N1	21-MAY-2006 07:20:57	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	22075	No
85	GOM_NL__2PRFIN20060521_072504_000000462047_00478_22075_0089.N1	21-MAY-2006 07:25:04	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	22075	No
86	GOM_NL__2PRFIN20060521_072641_000000432047_00479_22076_0091.N1	21-MAY-2006 07:26:41	Dark	43.000	31	Alp Gru	1.7340	15200.	86	22076	No
87	GOM_NL__2PRFIN20060521_073208_000000422047_00479_22076_0092.N1	21-MAY-2006 07:32:08	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22076	No
88	GOM_NL__2PRFIN20060521_073903_000000422047_00479_22076_0093.N1	21-MAY-2006 07:39:03	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	22076	No
89	GOM_NL__2PRFIN20060521_074146_000000512047_00479_22076_0094.N1	21-MAY-2006 07:41:46	Straylight	51.000	40	The Sco	1.8590	7100.0	102	22076	No
90	GOM_NL__2PRFIN20060521_074337_000000532047_00479_22076_0095.N1	21-MAY-2006 07:43:37	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	22076	No
91	GOM_NL__2PRFIN20060521_074545_000000492047_00479_22076_0096.N1	21-MAY-2006 07:45:45	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22076	No
92	GOM_NL__2PRFIN20060521_074841_000000622047_00479_22076_0097.N1	21-MAY-2006 07:48:41	Tw_i_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	22076	No
93	GOM_NL__2PRFIN20060521_075108_000000432047_00479_22076_0098.N1	21-MAY-2006 07:51:08	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	22076	No
94	GOM_NL__2PRFIN20060521_075441_000000382047_00479_22076_0099.N1	21-MAY-2006 07:54:41	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22076	No
95	GOM_NL__2PRFIN20060521_075939_000000412047_00479_22076_0100.N1	21-MAY-2006 07:59:39	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	22076	No
96	GOM_NL__2PRFIN20060521_080522_000000372047_00479_22076_0101.N1	21-MAY-2006 08:05:22	Bright	36.500	83		2.3780	11000.	73	22076	No
97	GOM_NL__2PRFIN20060521_080831_000000352047_00479_22076_0102.N1	21-MAY-2006 08:08:31	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	22076	No
98	GOM_NL__2PRFIN20060521_081648_000000392047_00479_22076_0103.N1	21-MAY-2006 08:16:48	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22076	No
99	GOM_NL__2PRFIN20060521_081844_000000362047_00479_22076_0104.N1	21-MAY-2006 08:18:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22076	No
100	GOM_NL__2PRFIN20060521_083127_000000352047_00479_22076_0105.N1	21-MAY-2006 08:31:27	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22076	No
101	GOM_NL__2PRFIN20060521_083239_000000372047_00479_22076_0106.N1	21-MAY-2006 08:32:39	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	22076	No

102	GOM_NL__2PRFIN20060521_084116_000000472047_00479_22076_0107.N1	21-MAY-2006 08:41:16	Twilight	46.500	58	21Alp And	2.0730	11000.	93	22076	No
103	GOM_NL__2PRFIN20060521_084537_000000462047_00479_22076_0108.N1	21-MAY-2006 08:45:37	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	22076	No
104	GOM_NL__2PRFIN20060521_090134_000000532047_00479_22076_0109.N1	21-MAY-2006 09:01:34	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	22076	No
105	GOM_NL__2PRFIN20060521_090540_000000532047_00479_22076_0110.N1	21-MAY-2006 09:05:40	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	22076	No
106	GOM_NL__2PRFIN20060521_090717_000000452047_00480_22077_0091.N1	21-MAY-2006 09:07:17	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22077	No
107	GOM_NL__2PRFIN20060521_091244_000000432047_00480_22077_0092.N1	21-MAY-2006 09:12:44	Dark	42.500	45	Alp Pav	1.9400	26000.	85	22077	No
108	GOM_NL__2PRFIN20060521_091940_000000462047_00480_22077_0093.N1	21-MAY-2006 09:19:40	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	22077	No
109	GOM_NL__2PRFIN20060521_092222_000000462047_00480_22077_0094.N1	21-MAY-2006 09:22:22	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22077	No
110	GOM_NL__2PRFIN20060521_092413_000000512047_00480_22077_0095.N1	21-MAY-2006 09:24:13	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	22077	No
111	GOM_NL__2PRFIN20060521_092621_000000532047_00480_22077_0096.N1	21-MAY-2006 09:26:21	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	22077	No
112	GOM_NL__2PRFIN20060521_092917_000000542047_00480_22077_0097.N1	21-MAY-2006 09:29:17	Twilight	53.500	16	21Alp Sco	1.0200	3000.0	107	22077	No
113	GOM_NL__2PRFIN20060521_093144_000000432047_00480_22077_0098.N1	21-MAY-2006 09:31:44	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	22077	No
114	GOM_NL__2PRFIN20060521_093516_000000392047_00480_22077_0099.N1	21-MAY-2006 09:35:16	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	22077	No
115	GOM_NL__2PRFIN20060521_094015_000000412047_00480_22077_0100.N1	21-MAY-2006 09:40:15	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	22077	No
116	GOM_NL__2PRFIN20060521_094557_000000392047_00480_22077_0101.N1	21-MAY-2006 09:45:57	Bright	39.000	83		2.3780	11000.	78	22077	No
117	GOM_NL__2PRFIN20060521_094907_000000342047_00480_22077_0102.N1	21-MAY-2006 09:49:07	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	22077	No
118	GOM_NL__2PRFIN20060521_095724_000000402047_00480_22077_0103.N1	21-MAY-2006 09:57:24	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22077	No
119	GOM_NL__2PRFIN20060521_095920_000000352047_00480_22077_0104.N1	21-MAY-2006 09:59:20	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	22077	No
120	GOM_NL__2PRFIN20060521_101203_000000352047_00480_22077_0105.N1	21-MAY-2006 10:12:03	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	22077	No
121	GOM_NL__2PRFIN20060521_101315_000000542047_00480_22077_0106.N1	21-MAY-2006 10:13:15	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	22077	No
122	GOM_NL__2PRFIN20060521_102152_000000452047_00480_22077_0107.N1	21-MAY-2006 10:21:52	Twilight	44.500	58	21Alp And	2.0730	11000.	89	22077	No
123	GOM_NL__2PRFIN20060521_102613_000000422047_00480_22077_0108.N1	21-MAY-2006 10:26:13	Dark	42.000	140	88Gam Peg	2.8340	26000.	84	22077	No
124	GOM_NL__2PRFIN20060521_104210_000000552047_00480_22077_0109.N1	21-MAY-2006 10:42:10	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	22077	No
125	GOM_NL__2PRFIN20060521_104617_000000572047_00480_22077_0110.N1	21-MAY-2006 10:46:17	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22077	No
126	GOM_NL__2PRFIN20060521_104754_000000482047_00481_22078_0091.N1	21-MAY-2006 10:47:54	Dark	47.500	31	Alp Gru	1.7340	15200.	95	22078	No
127	GOM_NL__2PRFIN20060521_105321_000000412047_00481_22078_0092.N1	21-MAY-2006 10:53:21	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22078	No
128	GOM_NL__2PRFIN20060521_110016_000000412047_00481_22078_0093.N1	21-MAY-2006 11:00:16	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	22078	No
129	GOM_NL__2PRFIN20060521_110259_000000462047_00481_22078_0094.N1	21-MAY-2006 11:02:59	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22078	No
130	GOM_NL__2PRFIN20060521_110658_000000502047_00481_22078_0095.N1	21-MAY-2006 11:06:58	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	22078	No
131	GOM_NL__2PRFIN20060521_110953_000000522047_00481_22078_0096.N1	21-MAY-2006 11:09:53	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	22078	No
132	GOM_NL__2PRFIN20060521_111220_000000412047_00481_22078_0097.N1	21-MAY-2006 11:12:20	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22078	No
133	GOM_NL__2PRFIN20060521_111552_000000382047_00481_22078_0098.N1	21-MAY-2006 11:15:52	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22078	No
134	GOM_NL__2PRFIN20060521_111745_000000322047_00481_22078_0099.N1	21-MAY-2006 11:17:45	Bright	32.000	120	1Del Oph	2.7340	3200.0	64	22078	No
135	GOM_NL__2PRFIN20060521_112051_000000402047_00481_22078_0100.N1	21-MAY-2006 11:20:51	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	22078	No
136	GOM_NL__2PRFIN20060521_112633_000000392047_00481_22078_0101.N1	21-MAY-2006 11:26:33	Bright	39.000	83		2.3780	11000.	78	22078	No
137	GOM_NL__2PRFIN20060521_112943_000000342047_00481_22078_0102.N1	21-MAY-2006 11:29:43	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	22078	No
138	GOM_NL__2PRFIN20060521_113759_000000402047_00481_22078_0103.N1	21-MAY-2006 11:37:59	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22078	No
139	GOM_NL__2PRFIN20060521_113956_000000362047_00481_22078_0104.N1	21-MAY-2006 11:39:56	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	22078	No
140	GOM_NL__2PRFIN20060521_115239_000000532047_00481_22078_0105.N1	21-MAY-2006 11:52:39	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22078	No
141	GOM_NL__2PRFIN20060521_115351_000000382047_00481_22078_0106.N1	21-MAY-2006 11:53:51	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	22078	No
142	GOM_NL__2PRFIN20060521_120228_000000462047_00481_22078_0107.N1	21-MAY-2006 12:02:28	Twilight	45.500	58	21Alp And	2.0730	11000.	91	22078	No
143	GOM_NL__2PRFIN20060521_120649_000000442047_00481_22078_0108.N1	21-MAY-2006 12:06:49	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	22078	No
144	GOM_NL__2PRFIN20060521_122247_000000582047_00481_22078_0109.N1	21-MAY-2006 12:22:47	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	22078	No
145	GOM_NL__2PRFIN20060521_122653_000000482047_00481_22078_0110.N1	21-MAY-2006 12:26:53	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	22078	No
146	GOM_NL__2PRFIN20060521_122831_000000422047_00482_22079_0091.N1	21-MAY-2006 12:28:31	Dark	42.000	31	Alp Gru	1.7340	15200.	84	22079	No
147	GOM_NL__2PRFIN20060521_141434_000000422047_00483_22080_0091.N1	21-MAY-2006 14:14:34	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22080	No
148	GOM_NL__2PRFIN20060521_142129_000000412047_00483_22080_0092.N1	21-MAY-2006 14:21:29	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	22080	No
149	GOM_NL__2PRFIN20060521_142412_000000502047_00483_22080_0093.N1	21-MAY-2006 14:24:12	Straylight	49.500	40	The Sco	1.8590	7100.0	99	22080	No
150	GOM_NL__2PRFIN20060521_142603_000000502047_00483_22080_0094.N1	21-MAY-2006 14:26:03	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	22080	No
151	GOM_NL__2PRFIN20060521_142810_000000502047_00483_22080_0095.N1	21-MAY-2006 14:28:10	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	22080	No
152	GOM_NL__2PRFIN20060521_143105_000000542047_00483_22080_0096.N1	21-MAY-2006 14:31:05	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	22080	No
153	GOM_NL__2PRFIN20060521_143332_000000412047_00483_22080_0097.N1	21-MAY-2006 14:33:32	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22080	No
154	GOM_NL__2PRFIN20060521_143704_000000392047_00483_22080_0098.N1	21-MAY-2006 14:37:04	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	22080	No
155	GOM_NL__2PRFIN20060521_143856_000000392047_00483_22080_0099.N1	21-MAY-2006 14:38:56	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22080	No
156	GOM_NL__2PRFIN20060521_144202_000000402047_00483_22080_0100.N1	21-MAY-2006 14:42:02	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	22080	No
157	GOM_NL__2PRFIN20060521_144745_000000362047_00483_22080_0101.N1	21-MAY-2006 14:47:45	Bright	35.500	83		2.3780	11000.	71	22080	No
158	GOM_NL__2PRFIN20060521_145054_000000352047_00483_22080_0102.N1	21-MAY-2006 14:50:54	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	22080	No
159	GOM_NL__2PRFIN20060521_145910_000000372047_00483_22080_0103.N1	21-MAY-2006 14:59:10	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22080	No
160	GOM_NL__2PRFIN20060521_150107_000000382047_00483_22080_0104.N1	21-MAY-2006 15:01:07	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	22080	No

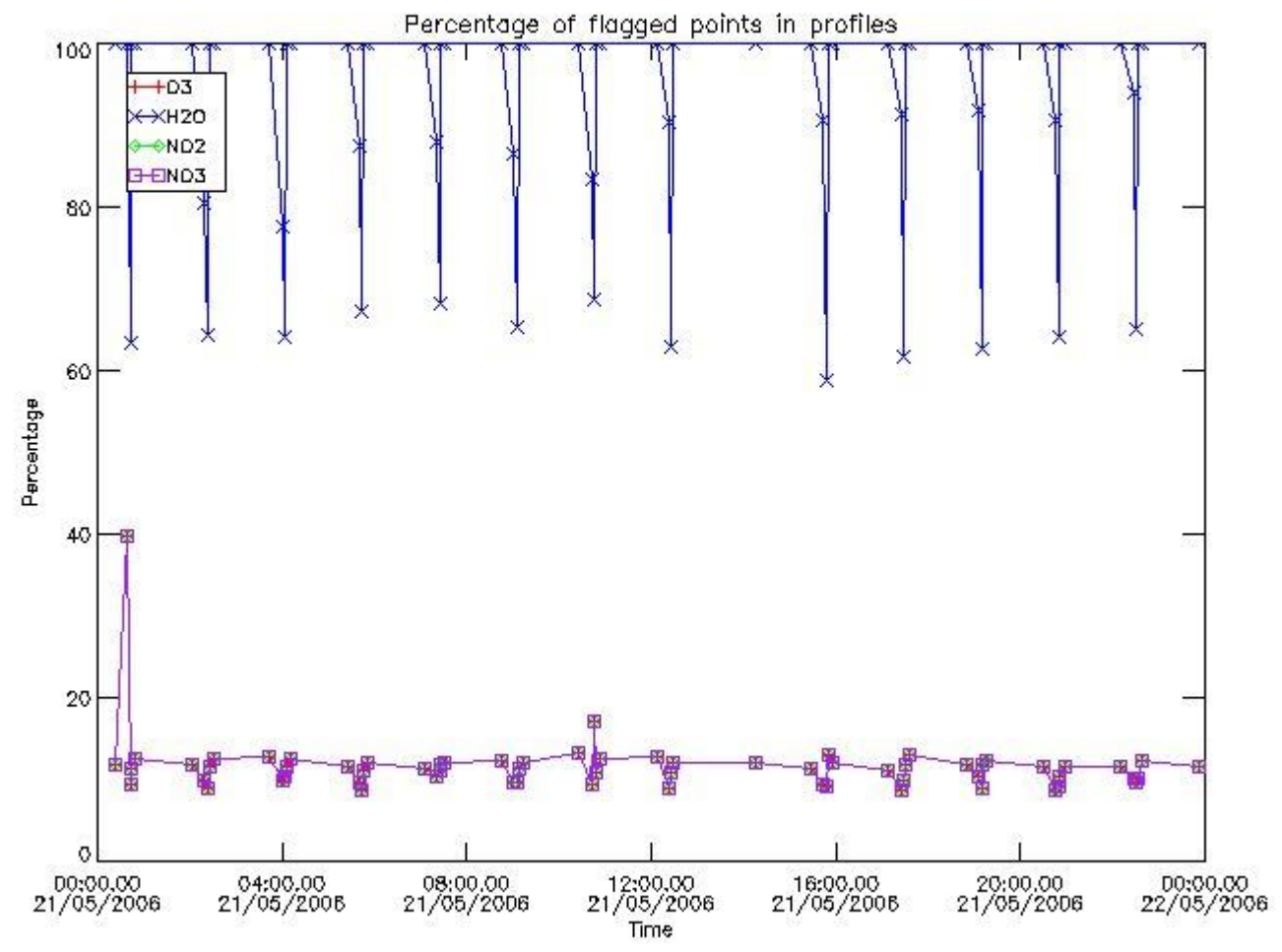
161	GOM_NL__2PRFIN20060521_151350_000000342047_00483_22080_0105.N1	21-MAY-2006 15:13:50	Bright	33.500	76	27Gam Cas	2.3000	30000.	67	22080	No
162	GOM_NL__2PRFIN20060521_151503_000000352047_00483_22080_0106.N1	21-MAY-2006 15:15:03	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	22080	No
163	GOM_NL__2PRFIN20060521_152340_000000452047_00483_22080_0107.N1	21-MAY-2006 15:23:40	Tw_i_and_stray	45.000	58	21Alp And	2.0730	11000.	90	22080	No
164	GOM_NL__2PRFIN20060521_152801_000000452047_00483_22080_0108.N1	21-MAY-2006 15:28:01	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22080	No
165	GOM_NL__2PRFIN20060521_154401_000000542047_00483_22080_0109.N1	21-MAY-2006 15:44:01	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	22080	No
166	GOM_NL__2PRFIN20060521_154807_000000552047_00483_22080_0110.N1	21-MAY-2006 15:48:07	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	22080	No
167	GOM_NL__2PRFIN20060521_154944_000000432047_00484_22081_0091.N1	21-MAY-2006 15:49:44	Dark	43.000	31	Alp Gru	1.7340	15200.	86	22081	No
168	GOM_NL__2PRFIN20060521_155511_000000432047_00484_22081_0092.N1	21-MAY-2006 15:55:11	Dark	42.500	45	Alp Pav	1.9400	26000.	85	22081	No
169	GOM_NL__2PRFIN20060521_160205_000000472047_00484_22081_0093.N1	21-MAY-2006 16:02:05	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	22081	No
170	GOM_NL__2PRFIN20060521_160448_000000512047_00484_22081_0094.N1	21-MAY-2006 16:04:48	Straylight	50.500	40	The Sco	1.8590	7100.0	101	22081	No
171	GOM_NL__2PRFIN20060521_160639_000000512047_00484_22081_0095.N1	21-MAY-2006 16:06:39	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	22081	No
172	GOM_NL__2PRFIN20060521_160847_000000492047_00484_22081_0096.N1	21-MAY-2006 16:08:47	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22081	No
173	GOM_NL__2PRFIN20060521_161141_000000602047_00484_22081_0097.N1	21-MAY-2006 16:11:41	Tw_i_and_stray	60.000	16	21Alp Sco	1.0200	3000.0	120	22081	No
174	GOM_NL__2PRFIN20060521_161408_000000432047_00484_22081_0098.N1	21-MAY-2006 16:14:08	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	22081	No
175	GOM_NL__2PRFIN20060521_161740_000000382047_00484_22081_0099.N1	21-MAY-2006 16:17:40	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22081	No
176	GOM_NL__2PRFIN20060521_161932_000000392047_00484_22081_0100.N1	21-MAY-2006 16:19:32	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22081	No
177	GOM_NL__2PRFIN20060521_162238_000000412047_00484_22081_0101.N1	21-MAY-2006 16:22:38	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	22081	No
178	GOM_NL__2PRFIN20060521_162821_000000372047_00484_22081_0102.N1	21-MAY-2006 16:28:21	Bright	36.500	83		2.3780	11000.	73	22081	No
179	GOM_NL__2PRFIN20060521_163130_000000362047_00484_22081_0103.N1	21-MAY-2006 16:31:30	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	22081	No
180	GOM_NL__2PRFIN20060521_163946_000000412047_00484_22081_0104.N1	21-MAY-2006 16:39:46	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	22081	No
181	GOM_NL__2PRFIN20060521_164143_000000392047_00484_22081_0105.N1	21-MAY-2006 16:41:43	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	22081	No
182	GOM_NL__2PRFIN20060521_165426_000000362047_00484_22081_0106.N1	21-MAY-2006 16:54:26	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	22081	No
183	GOM_NL__2PRFIN20060521_165539_000000372047_00484_22081_0107.N1	21-MAY-2006 16:55:39	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	22081	No
184	GOM_NL__2PRFIN20060521_170416_000000442047_00484_22081_0108.N1	21-MAY-2006 17:04:16	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	22081	No
185	GOM_NL__2PRFIN20060521_170838_000000462047_00484_22081_0109.N1	21-MAY-2006 17:08:38	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	22081	No
186	GOM_NL__2PRFIN20060521_172438_000000592047_00484_22081_0110.N1	21-MAY-2006 17:24:38	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	22081	No
187	GOM_NL__2PRFIN20060521_172843_000000522047_00484_22081_0111.N1	21-MAY-2006 17:28:43	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22081	No
188	GOM_NL__2PRFIN20060521_173021_000000442047_00485_22082_0092.N1	21-MAY-2006 17:30:21	Dark	43.500	31	Alp Gru	1.7340	15200.	87	22082	No
189	GOM_NL__2PRFIN20060521_173547_000000432047_00485_22082_0093.N1	21-MAY-2006 17:35:47	Dark	43.000	45	Alp Pav	1.9400	26000.	86	22082	No
190	GOM_NL__2PRFIN20060521_174242_000000492047_00485_22082_0094.N1	21-MAY-2006 17:42:42	Straylight	48.500	141	Bet Ara	2.8400	4600.0	97	22082	No
191	GOM_NL__2PRFIN20060521_174525_000000482047_00485_22082_0095.N1	21-MAY-2006 17:45:25	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22082	No
192	GOM_NL__2PRFIN20060521_174716_000000482047_00485_22082_0096.N1	21-MAY-2006 17:47:16	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	22082	No
193	GOM_NL__2PRFIN20060521_174923_000000502047_00485_22082_0097.N1	21-MAY-2006 17:49:23	Tw_i_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	22082	No
194	GOM_NL__2PRFIN20060521_175218_000000582047_00485_22082_0098.N1	21-MAY-2006 17:52:18	Tw_i_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	22082	No
195	GOM_NL__2PRFIN20060521_175445_000000422047_00485_22082_0099.N1	21-MAY-2006 17:54:45	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	22082	No
196	GOM_NL__2PRFIN20060521_175816_000000392047_00485_22082_0100.N1	21-MAY-2006 17:58:16	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	22082	No
197	GOM_NL__2PRFIN20060521_180008_000000452047_00485_22082_0101.N1	21-MAY-2006 18:00:08	Bright	45.000	120	1Del Oph	2.7340	3200.0	90	22082	No
198	GOM_NL__2PRFIN20060521_180314_000000402047_00485_22082_0102.N1	21-MAY-2006 18:03:14	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	22082	No
199	GOM_NL__2PRFIN20060521_180857_000000362047_00485_22082_0103.N1	21-MAY-2006 18:08:57	Bright	35.500	83		2.3780	11000.	71	22082	No
200	GOM_NL__2PRFIN20060521_181206_000000352047_00485_22082_0104.N1	21-MAY-2006 18:12:06	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	22082	No
201	GOM_NL__2PRFIN20060521_182021_000000412047_00485_22082_0105.N1	21-MAY-2006 18:20:21	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22082	No
202	GOM_NL__2PRFIN20060521_182219_000000372047_00485_22082_0106.N1	21-MAY-2006 18:22:19	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	22082	No
203	GOM_NL__2PRFIN20060521_183502_000000532047_00485_22082_0107.N1	21-MAY-2006 18:35:02	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22082	No
204	GOM_NL__2PRFIN20060521_183615_000000362047_00485_22082_0108.N1	21-MAY-2006 18:36:15	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	22082	No
205	GOM_NL__2PRFIN20060521_184453_000000462047_00485_22082_0109.N1	21-MAY-2006 18:44:53	Tw_i_and_stray	45.500	58	21Alp And	2.0730	11000.	91	22082	No
206	GOM_NL__2PRFIN20060521_184914_000000432047_00485_22082_0110.N1	21-MAY-2006 18:49:14	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	22082	No
207	GOM_NL__2PRFIN20060521_190515_000000492047_00485_22082_0111.N1	21-MAY-2006 19:05:15	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	22082	No
208	GOM_NL__2PRFIN20060521_190920_000000572047_00485_22082_0112.N1	21-MAY-2006 19:09:20	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22082	No
209	GOM_NL__2PRFIN20060521_191058_000000442047_00486_22083_0093.N1	21-MAY-2006 19:10:58	Dark	43.500	31	Alp Gru	1.7340	15200.	87	22083	No
210	GOM_NL__2PRFIN20060521_191624_000000422047_00486_22083_0094.N1	21-MAY-2006 19:16:24	Dark	41.500	45	Alp Pav	1.9400	26000.	83	22083	No
211	GOM_NL__2PRFIN20060521_192318_000000402047_00486_22083_0095.N1	21-MAY-2006 19:23:18	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22083	No
212	GOM_NL__2PRFIN20060521_192601_000000522047_00486_22083_0096.N1	21-MAY-2006 19:26:01	Straylight	51.500	40	The Sco	1.8590	7100.0	103	22083	No
213	GOM_NL__2PRFIN20060521_192752_000000532047_00486_22083_0097.N1	21-MAY-2006 19:27:52	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	22083	No
214	GOM_NL__2PRFIN20060521_192959_000000482047_00486_22083_0098.N1	21-MAY-2006 19:29:59	Tw_i_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	22083	No
215	GOM_NL__2PRFIN20060521_193254_000000552047_00486_22083_0099.N1	21-MAY-2006 19:32:54	Tw_i_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	22083	No
216	GOM_NL__2PRFIN20060521_193521_000000412047_00486_22083_0100.N1	21-MAY-2006 19:35:21	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22083	No
217	GOM_NL__2PRFIN20060521_193852_000000372047_00486_22083_0101.N1	21-MAY-2006 19:38:52	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	22083	No
218	GOM_NL__2PRFIN20060521_194044_000000452047_00486_22083_0102.N1	21-MAY-2006 19:40:44	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	22083	No
219	GOM_NL__2PRFIN20060521_194349_000000402047_00486_22083_0103.N1	21-MAY-2006 19:43:49	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	22083	No

220	GOM_NL__2PRFIN20060521_194932_000000372047_00486_22083_0104.N1	21-MAY-2006 19:49:32	Bright	37.000	83		2.3780	11000.	74	22083	No
221	GOM_NL__2PRFIN20060521_195242_000000352047_00486_22083_0105.N1	21-MAY-2006 19:52:42	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	22083	No
222	GOM_NL__2PRFIN20060521_200057_000000402047_00486_22083_0106.N1	21-MAY-2006 20:00:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22083	No
223	GOM_NL__2PRFIN20060521_200255_000000352047_00486_22083_0107.N1	21-MAY-2006 20:02:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22083	No
224	GOM_NL__2PRFIN20060521_201538_000000362047_00486_22083_0108.N1	21-MAY-2006 20:15:38	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	22083	No
225	GOM_NL__2PRFIN20060521_201651_000000392047_00486_22083_0109.N1	21-MAY-2006 20:16:51	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	22083	No
226	GOM_NL__2PRFIN20060521_202529_000000462047_00486_22083_0110.N1	21-MAY-2006 20:25:29	Twilight	46.000	58	21Alp And	2.0730	11000.	92	22083	No
227	GOM_NL__2PRFIN20060521_202950_000000452047_00486_22083_0111.N1	21-MAY-2006 20:29:50	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	22083	No
228	GOM_NL__2PRFIN20060521_204552_000000602047_00486_22083_0112.N1	21-MAY-2006 20:45:52	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	22083	No
229	GOM_NL__2PRFIN20060521_204957_000000562047_00486_22083_0113.N1	21-MAY-2006 20:49:57	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	22083	No
230	GOM_NL__2PRFIN20060521_205135_000000492047_00487_22084_0094.N1	21-MAY-2006 20:51:35	Dark	49.000	31	Alp Gru	1.7340	15200.	98	22084	No
231	GOM_NL__2PRFIN20060521_205701_000000442047_00487_22084_0095.N1	21-MAY-2006 20:57:01	Dark	44.000	45	Alp Pav	1.9400	26000.	88	22084	No
232	GOM_NL__2PRFIN20060521_210354_000000472047_00487_22084_0096.N1	21-MAY-2006 21:03:54	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	22084	No
233	GOM_NL__2PRFIN20060521_210638_000000482047_00487_22084_0097.N1	21-MAY-2006 21:06:38	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22084	No
234	GOM_NL__2PRFIN20060521_210829_000000502047_00487_22084_0098.N1	21-MAY-2006 21:08:29	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	22084	No
235	GOM_NL__2PRFIN20060521_211036_000000502047_00487_22084_0099.N1	21-MAY-2006 21:10:36	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	22084	No
236	GOM_NL__2PRFIN20060521_211330_000000542047_00487_22084_0100.N1	21-MAY-2006 21:13:30	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	22084	No
237	GOM_NL__2PRFIN20060521_211557_000000432047_00487_22084_0101.N1	21-MAY-2006 21:15:57	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	22084	No
238	GOM_NL__2PRFIN20060521_211928_000000382047_00487_22084_0102.N1	21-MAY-2006 21:19:28	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22084	No
239	GOM_NL__2PRFIN20060521_212120_000000452047_00487_22084_0103.N1	21-MAY-2006 21:21:20	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	22084	No
240	GOM_NL__2PRFIN20060521_212425_000000412047_00487_22084_0104.N1	21-MAY-2006 21:24:25	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	22084	No
241	GOM_NL__2PRFIN20060521_213008_000000352047_00487_22084_0105.N1	21-MAY-2006 21:30:08	Bright	35.000	83		2.3780	11000.	70	22084	No
242	GOM_NL__2PRFIN20060521_213318_000000352047_00487_22084_0106.N1	21-MAY-2006 21:33:18	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	22084	No
243	GOM_NL__2PRFIN20060521_214132_000000392047_00487_22084_0107.N1	21-MAY-2006 21:41:32	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22084	No
244	GOM_NL__2PRFIN20060521_214331_000000382047_00487_22084_0108.N1	21-MAY-2006 21:43:31	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	22084	No
245	GOM_NL__2PRFIN20060521_215614_000000542047_00487_22084_0109.N1	21-MAY-2006 21:56:14	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	22084	No
246	GOM_NL__2PRFIN20060521_215726_000000362047_00487_22084_0110.N1	21-MAY-2006 21:57:26	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	22084	No
247	GOM_NL__2PRFIN20060521_220605_000000462047_00487_22084_0111.N1	21-MAY-2006 22:06:05	Twilight	45.500	58	21Alp And	2.0730	11000.	91	22084	No
248	GOM_NL__2PRFIN20060521_221027_000000442047_00487_22084_0112.N1	21-MAY-2006 22:10:27	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	22084	No
249	GOM_NL__2PRFIN20060521_222628_000000512047_00487_22084_0113.N1	21-MAY-2006 22:26:28	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	22084	No
250	GOM_NL__2PRFIN20060521_223033_000000582047_00487_22084_0114.N1	21-MAY-2006 22:30:33	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	22084	No
251	GOM_NL__2PRFIN20060521_223211_000000512047_00488_22085_0095.N1	21-MAY-2006 22:32:11	Dark	50.500	31	Alp Gru	1.7340	15200.	101	22085	No
252	GOM_NL__2PRFIN20060521_223737_000000422047_00488_22085_0096.N1	21-MAY-2006 22:37:37	Dark	41.500	45	Alp Pav	1.9400	26000.	83	22085	No
253	GOM_NL__2PRFIN20060521_224431_000000432047_00488_22085_0097.N1	21-MAY-2006 22:44:31	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	22085	No
254	GOM_NL__2PRFIN20060521_224714_000000492047_00488_22085_0098.N1	21-MAY-2006 22:47:14	Straylight	48.500	40	The Sco	1.8590	7100.0	97	22085	No
255	GOM_NL__2PRFIN20060521_224905_000000522047_00488_22085_0099.N1	21-MAY-2006 22:49:05	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	22085	No
256	GOM_NL__2PRFIN20060521_225112_000000532047_00488_22085_0100.N1	21-MAY-2006 22:51:12	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	22085	No
257	GOM_NL__2PRFIN20060521_225406_000000602047_00488_22085_0101.N1	21-MAY-2006 22:54:06	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	22085	No
258	GOM_NL__2PRFIN20060521_225633_000000432047_00488_22085_0102.N1	21-MAY-2006 22:56:33	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	22085	No
259	GOM_NL__2PRFIN20060521_230004_000000382047_00488_22085_0103.N1	21-MAY-2006 23:00:04	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22085	No
260	GOM_NL__2PRFIN20060521_230155_000000452047_00488_22085_0104.N1	21-MAY-2006 23:01:55	Bright	45.000	120	1Del Oph	2.7340	3200.0	90	22085	No
261	GOM_NL__2PRFIN20060521_230501_000000412047_00488_22085_0105.N1	21-MAY-2006 23:05:01	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	22085	No
262	GOM_NL__2PRFIN20060521_231044_000000352047_00488_22085_0106.N1	21-MAY-2006 23:10:44	Bright	34.500	83		2.3780	11000.	69	22085	No
263	GOM_NL__2PRFIN20060521_231353_000000352047_00488_22085_0107.N1	21-MAY-2006 23:13:53	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	22085	No
264	GOM_NL__2PRFIN20060521_232208_000000402047_00488_22085_0108.N1	21-MAY-2006 23:22:08	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22085	No
265	GOM_NL__2PRFIN20060521_232406_000000382047_00488_22085_0109.N1	21-MAY-2006 23:24:06	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	22085	No
266	GOM_NL__2PRFIN20060521_233650_000000382047_00488_22085_0110.N1	21-MAY-2006 23:36:50	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22085	No
267	GOM_NL__2PRFIN20060521_233802_000000542047_00488_22085_0111.N1	21-MAY-2006 23:38:02	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	22085	No
268	GOM_NL__2PRFIN20060521_234641_000000472047_00488_22085_0112.N1	21-MAY-2006 23:46:41	Twilight	46.500	58	21Alp And	2.0730	11000.	93	22085	No
269	GOM_NL__2PRFIN20060521_235103_000000442047_00488_22085_0113.N1	21-MAY-2006 23:51:03	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	22085	No

3. Quality information per product

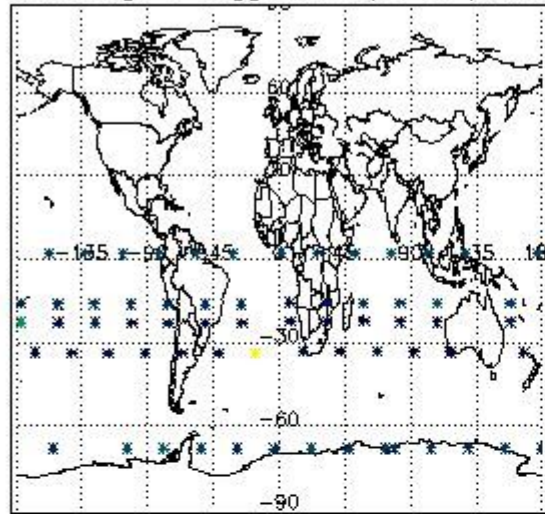
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

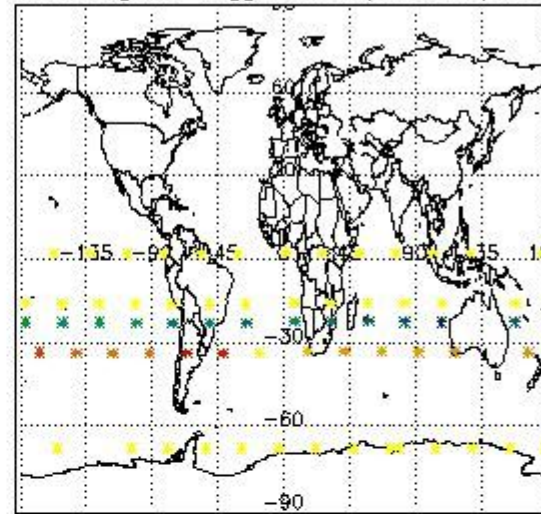


3.2 Plot quality information per product (world map)

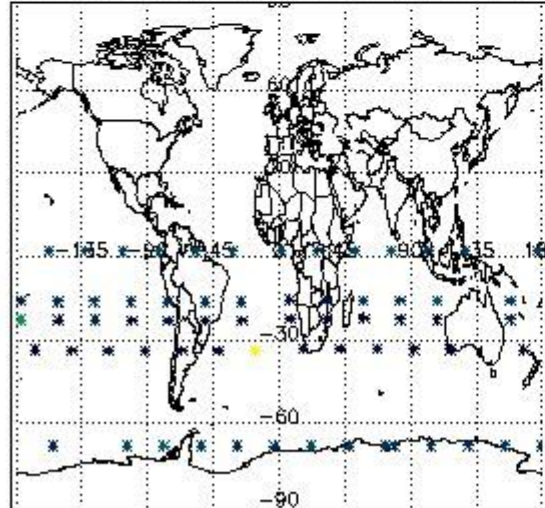
Percentage of flagged data per O3 profile



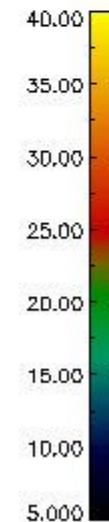
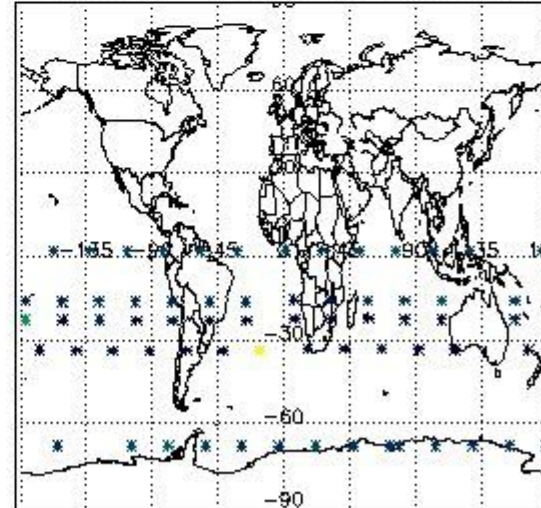
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

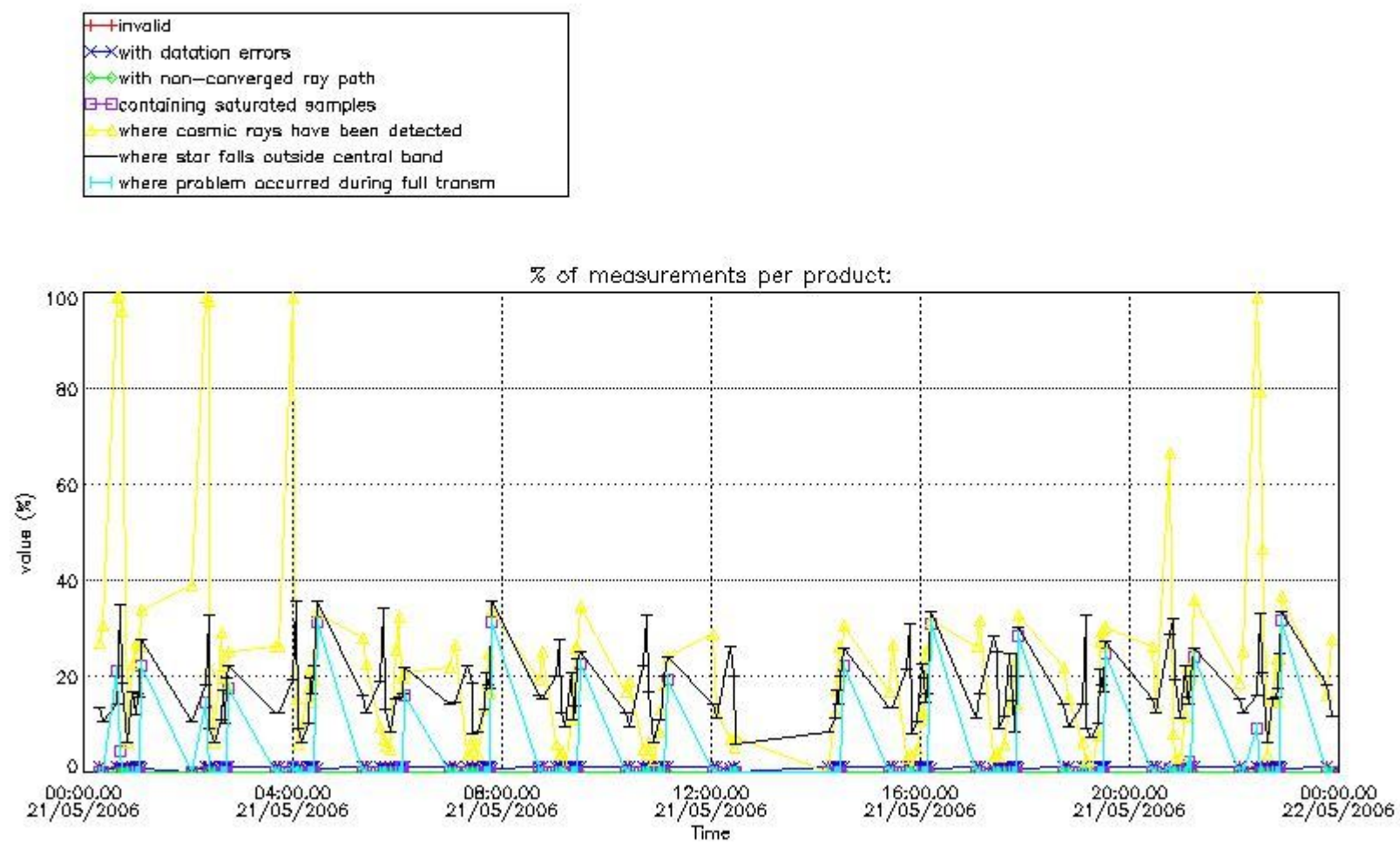


4. Level 1 quality information per product

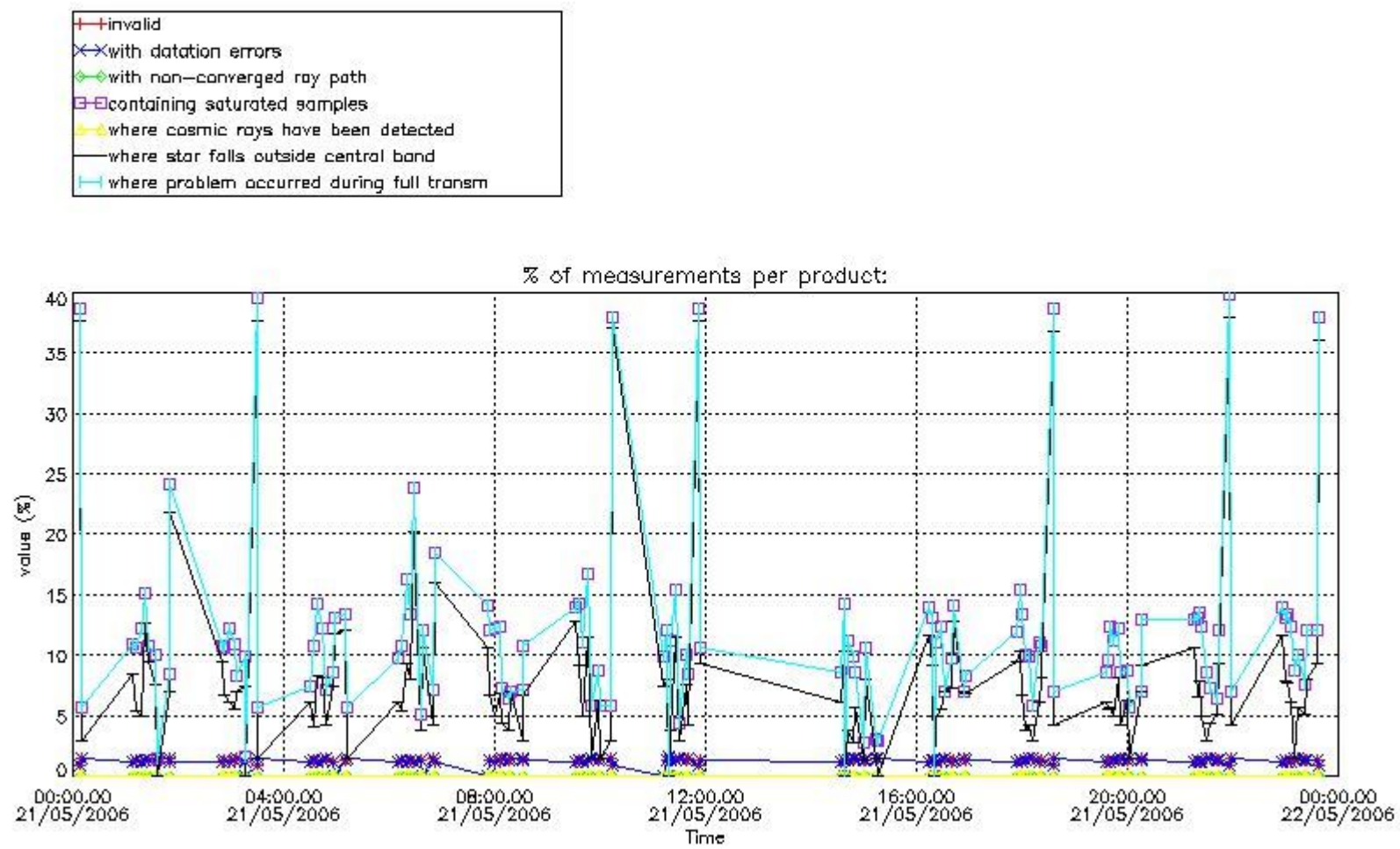
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

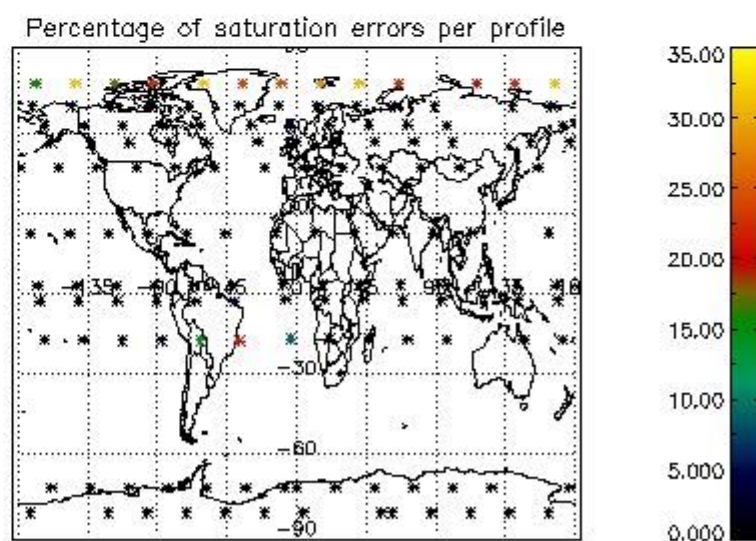
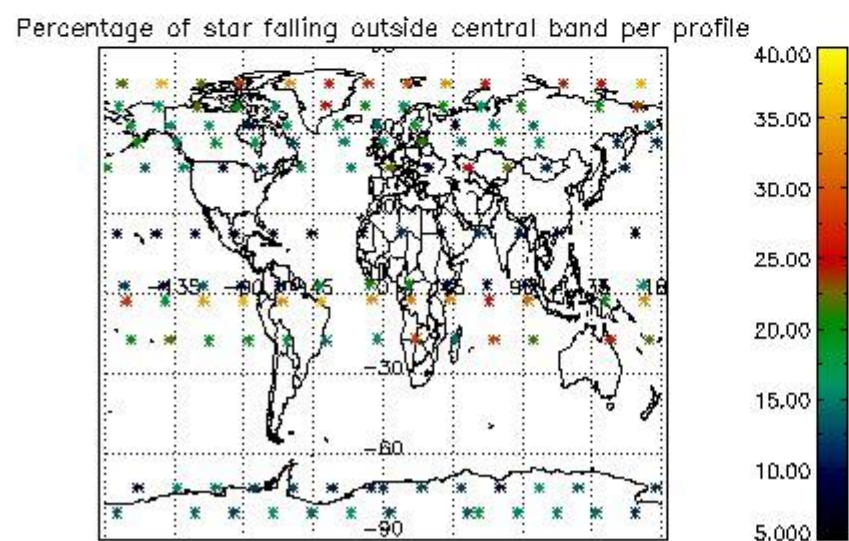
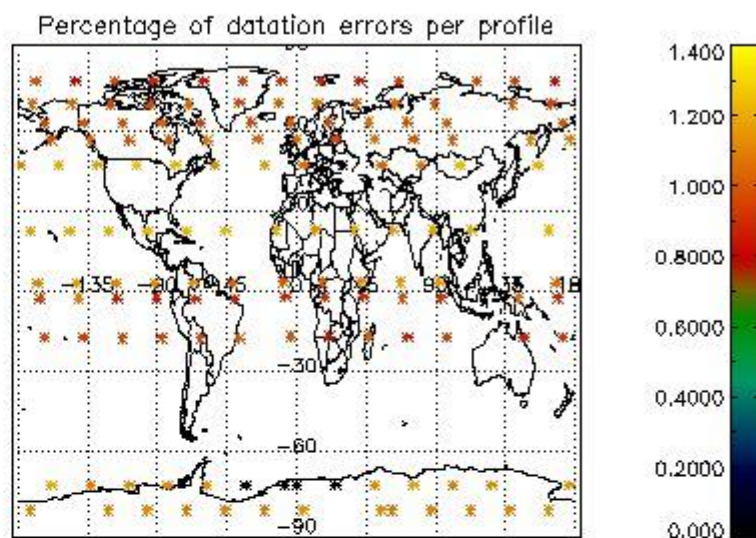
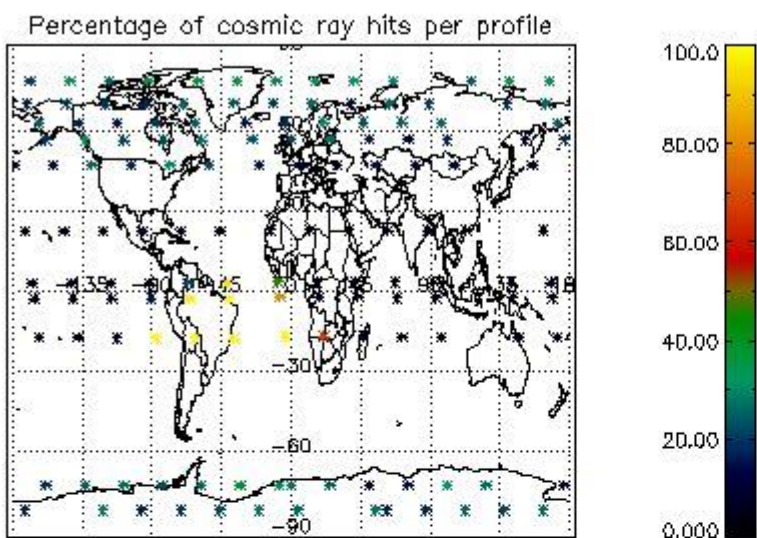


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

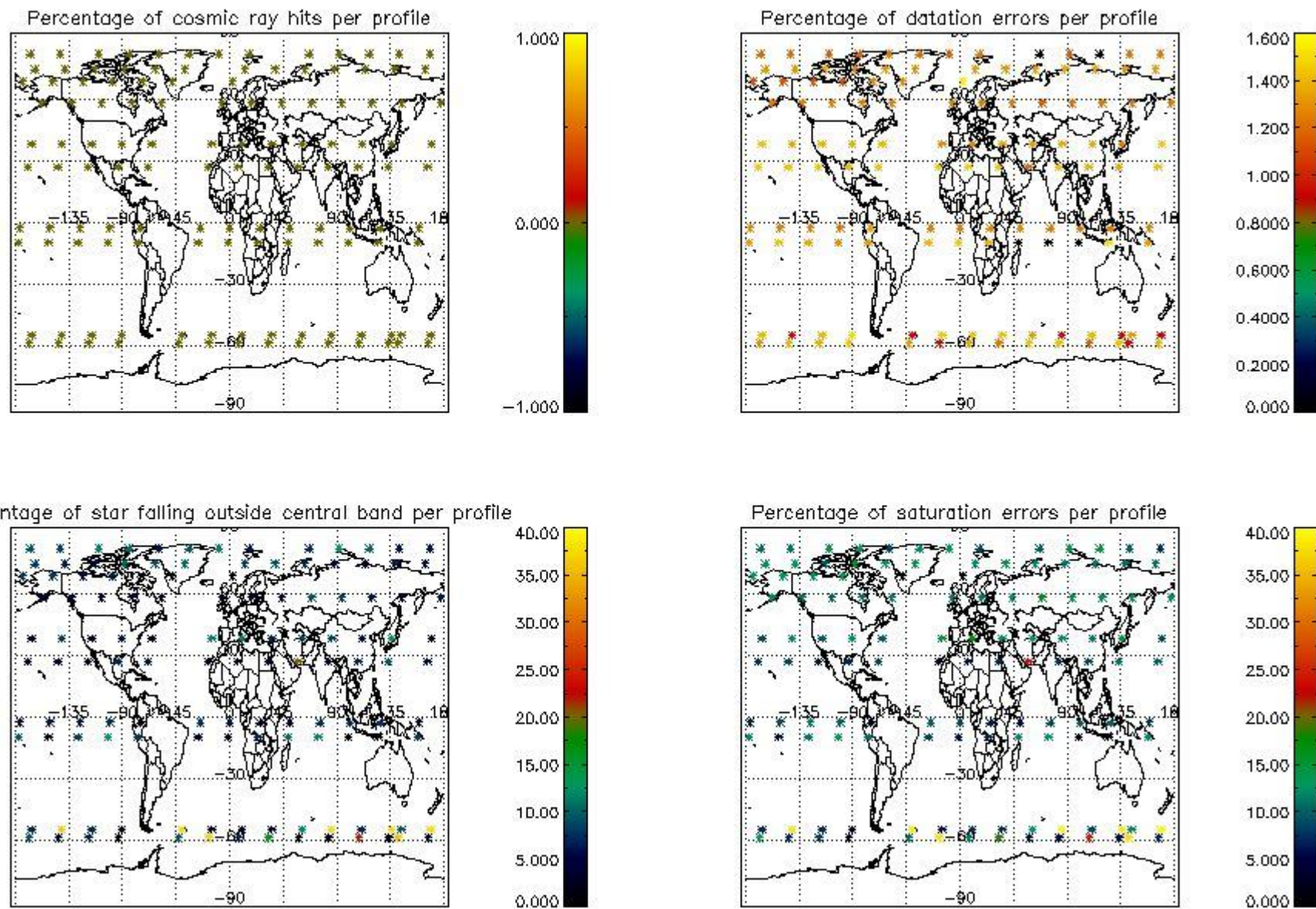


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

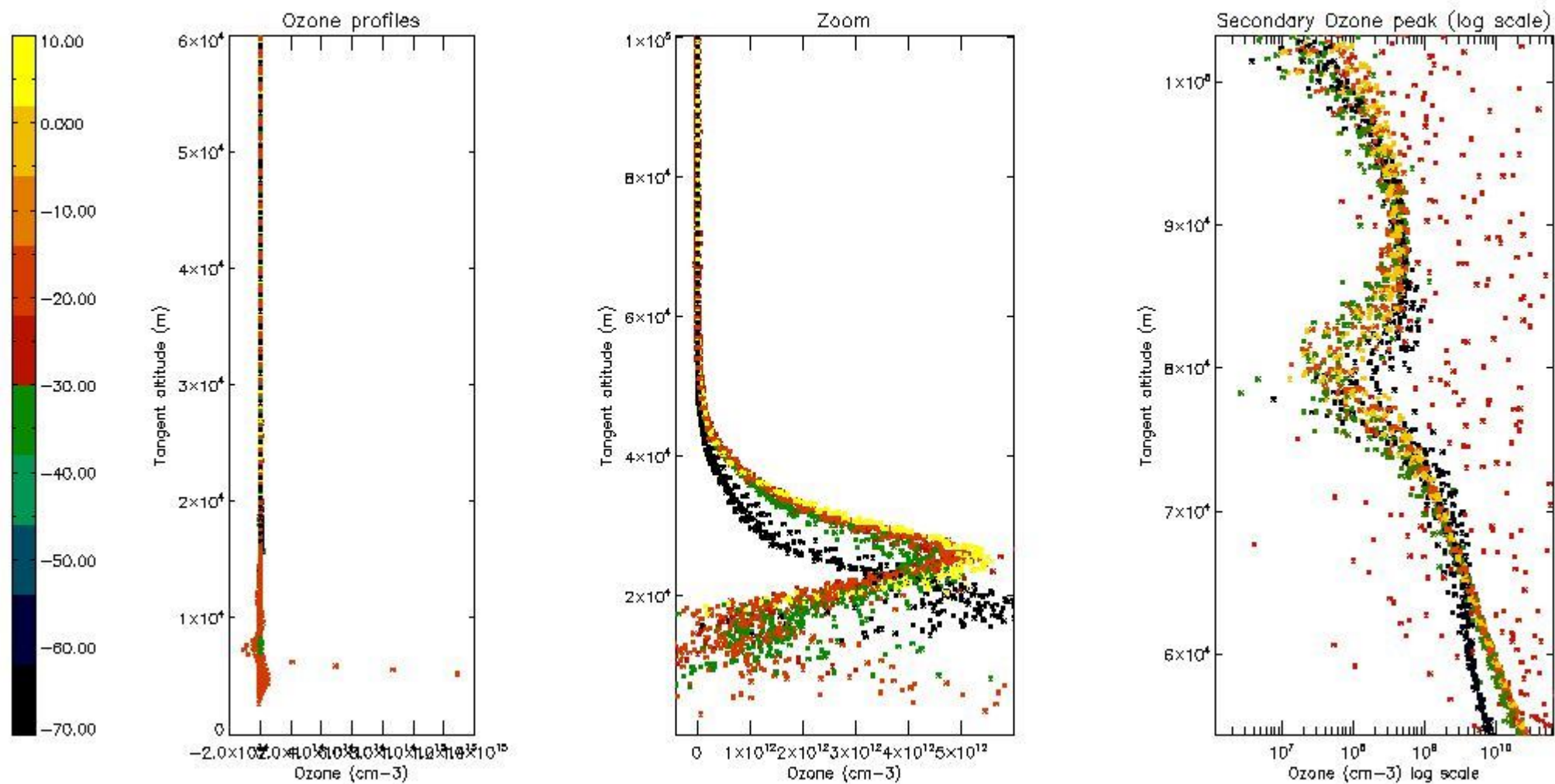
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	16

STD < 10	13
STD < 5	10

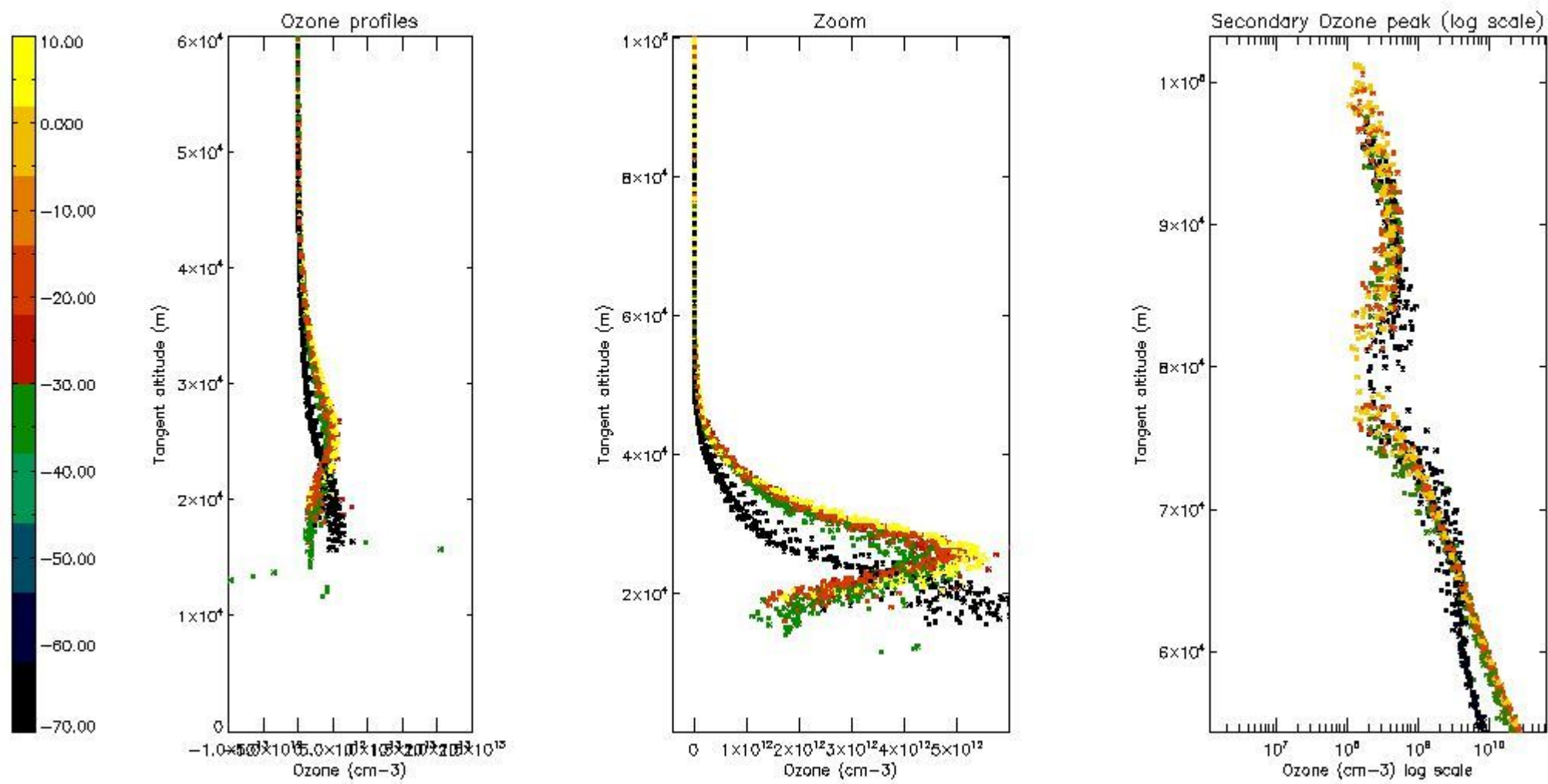
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



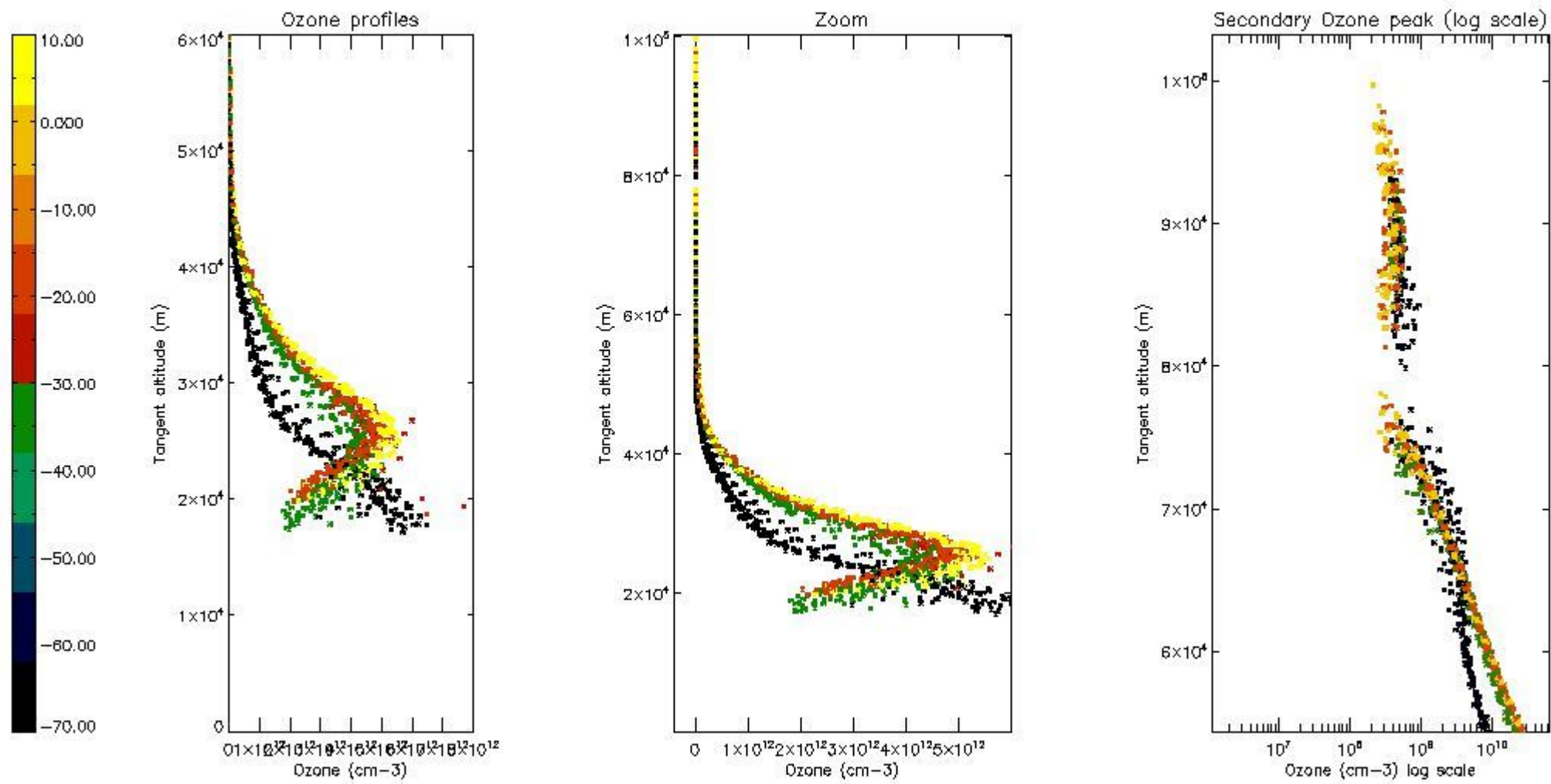
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



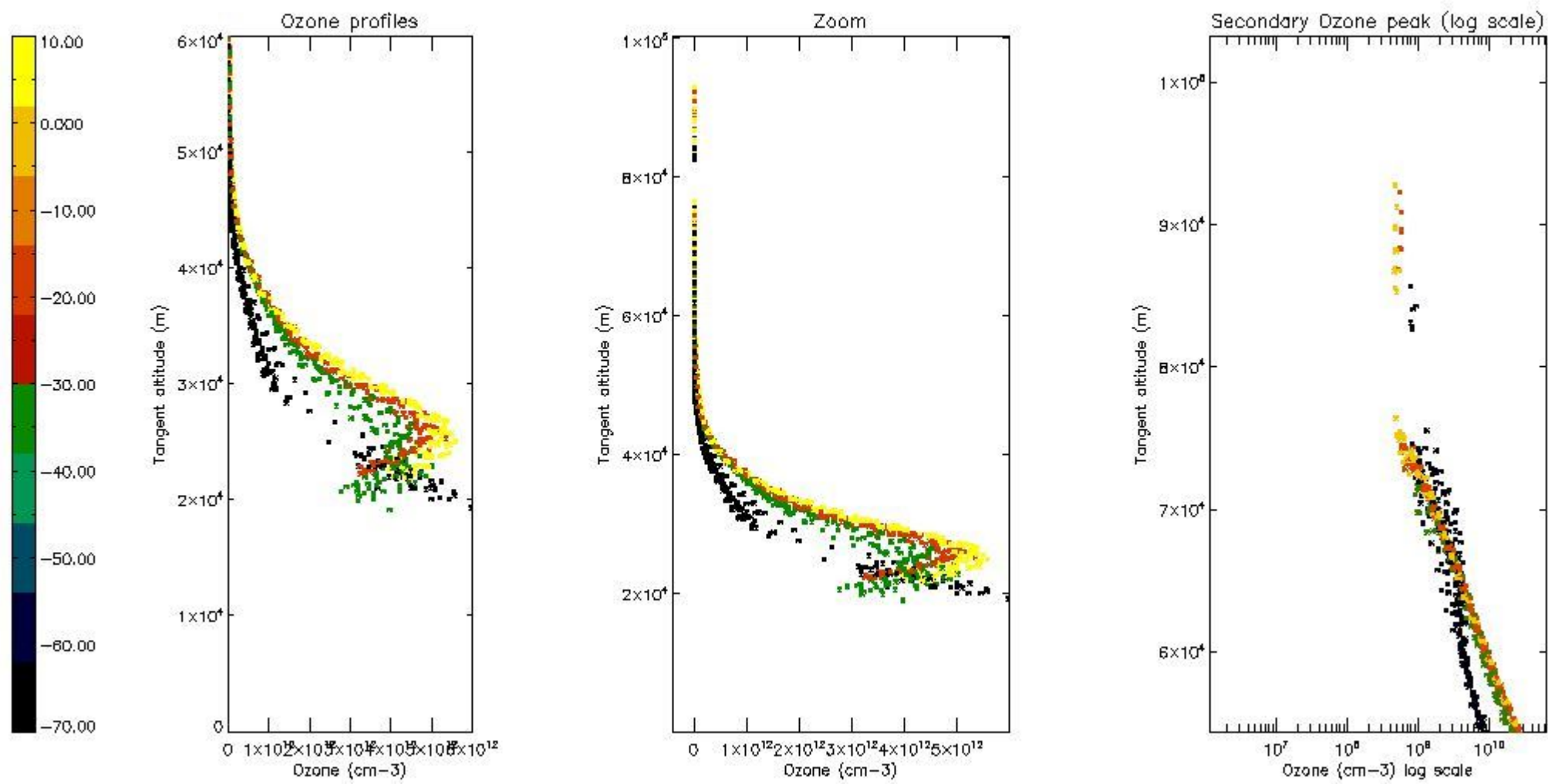
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



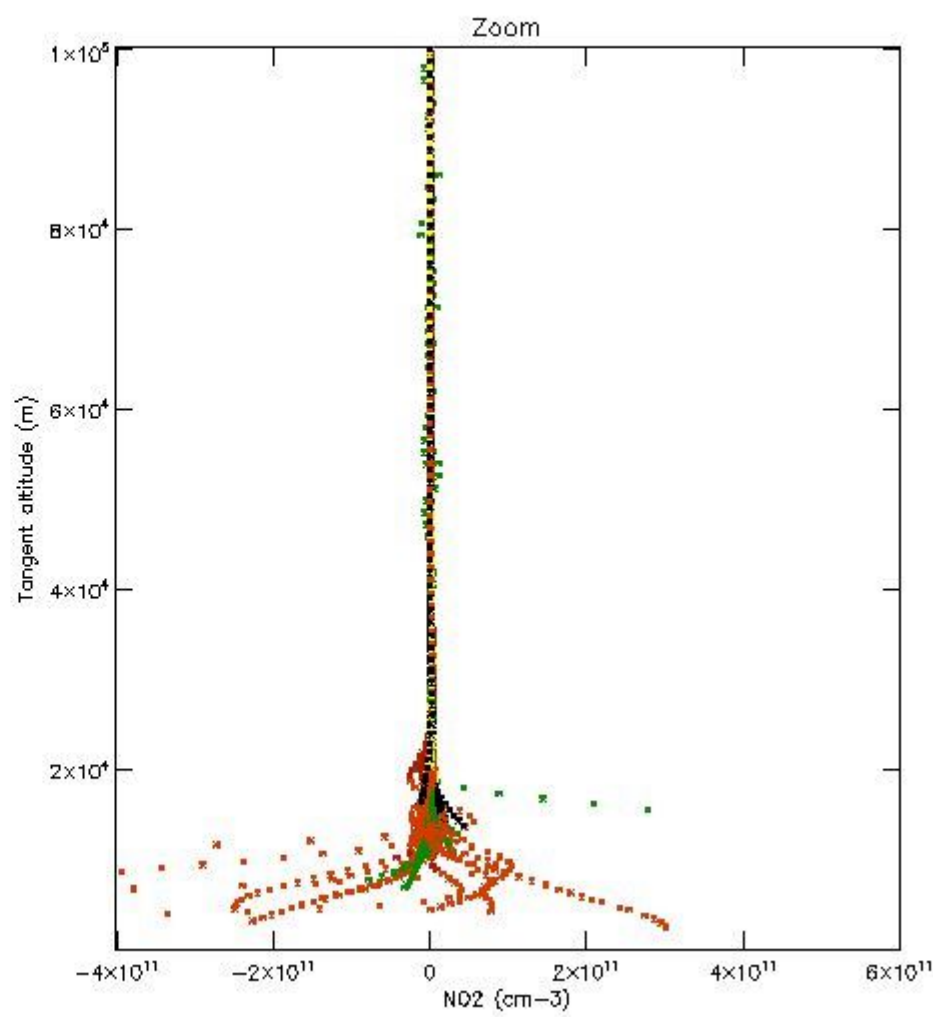
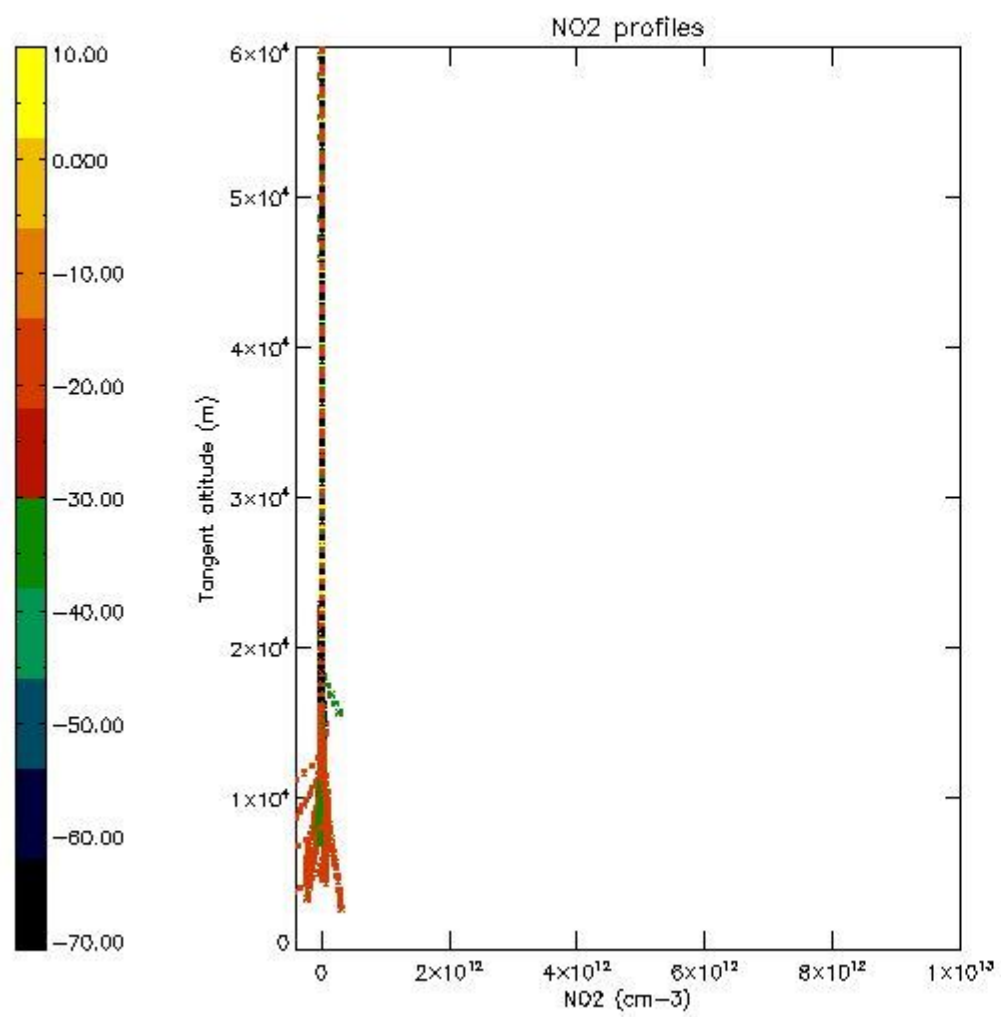
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



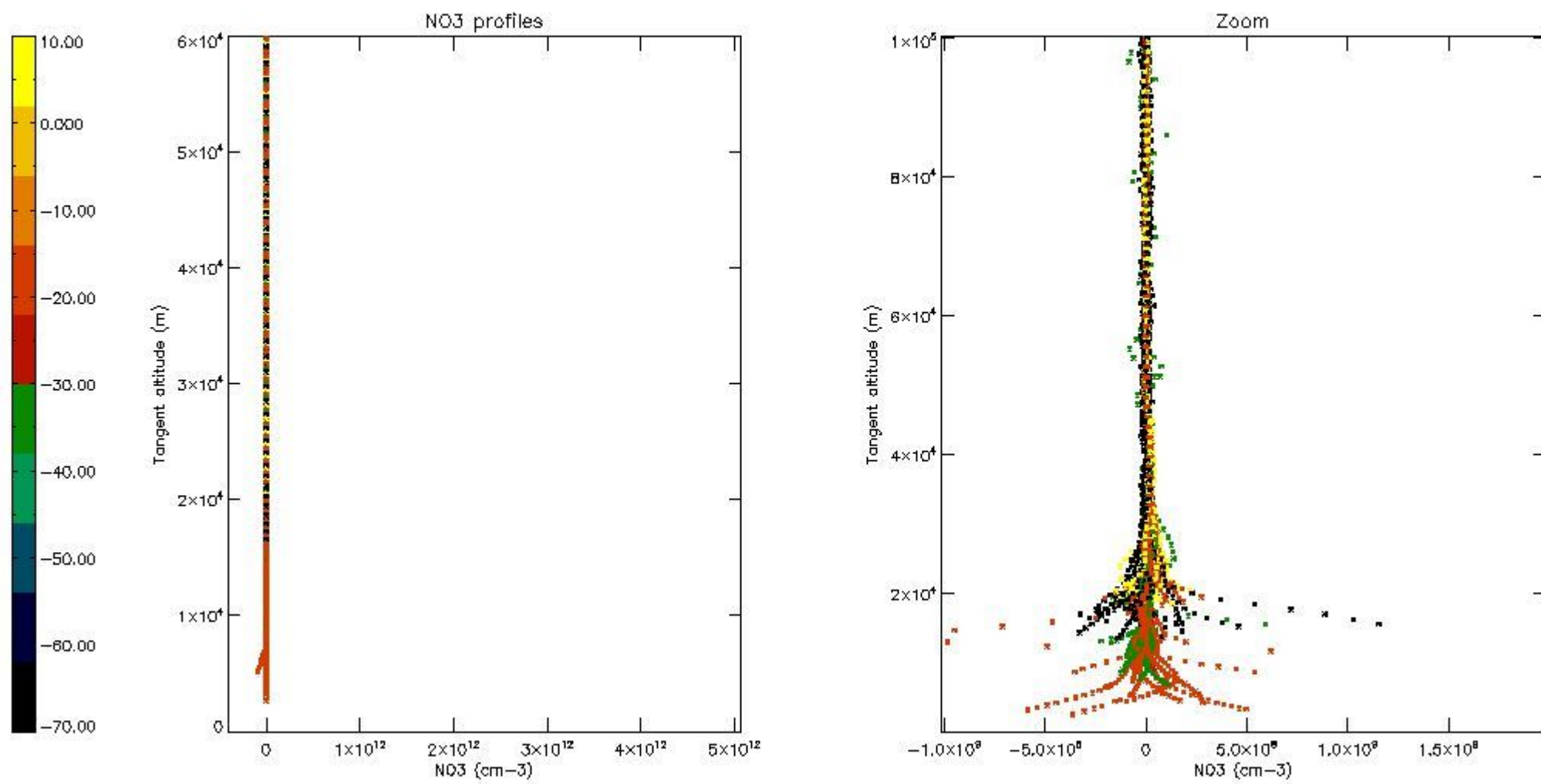
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



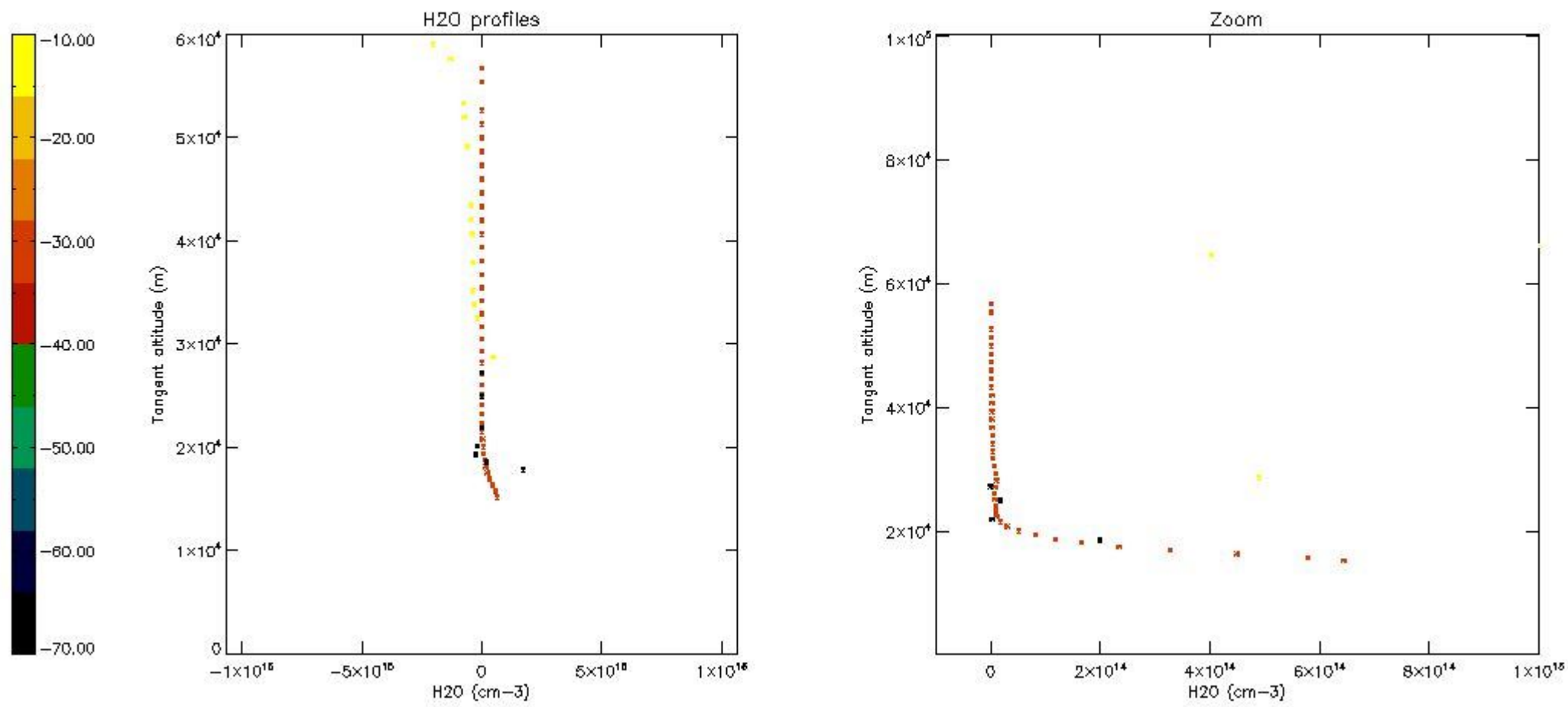
5.7 Plot NO3 profiles for all STD (dark without errors)

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	21-MAY-2006 00:08:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-MAY-2006 00:08:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-MAY-2006 00:08:27

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	23APR2013 21:49:46
Data source version	GOMOS/6.01
Start time of products	21-05-2006 (21MAY2006 00:00:00)
Stop time of products	22-05-2006 (22MAY2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	269
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__2PRFIN20060521_000827_000000532047_00474_22071_0083.N1	21-MAY-2006 00:08:27	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22071	No
2	GOM_NL__2PRFIN20060521_000940_000000352047_00474_22071_0084.N1	21-MAY-2006 00:09:40	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22071	No
3	GOM_NL__2PRFIN20060521_001815_000000452047_00474_22071_0085.N1	21-MAY-2006 00:18:15	Twilight	44.500	58	21Alp And	2.0730	11000.	89	22071	No
4	GOM_NL__2PRFIN20060521_002235_000000432047_00474_22071_0086.N1	21-MAY-2006 00:22:35	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	22071	No
5	GOM_NL__2PRFIN20060521_003829_000000502047_00474_22071_0087.N1	21-MAY-2006 00:38:29	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	22071	No
6	GOM_NL__2PRFIN20060521_004237_000000592047_00474_22071_0088.N1	21-MAY-2006 00:42:37	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	22071	No
7	GOM_NL__2PRFIN20060521_004413_000000492047_00475_22072_0069.N1	21-MAY-2006 00:44:13	Dark	49.000	31	Alp Gru	1.7340	15200.	98	22072	No
8	GOM_NL__2PRFIN20060521_004941_000000412047_00475_22072_0070.N1	21-MAY-2006 00:49:41	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22072	No
9	GOM_NL__2PRFIN20060521_005637_000000452047_00475_22072_0071.N1	21-MAY-2006 00:56:37	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	22072	No
10	GOM_NL__2PRFIN20060521_005920_000000472047_00475_22072_0072.N1	21-MAY-2006 00:59:20	Straylight	46.500	40	The Sco	1.8590	7100.0	93	22072	No
11	GOM_NL__2PRFIN20060521_010111_000000532047_00475_22072_0073.N1	21-MAY-2006 01:01:11	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	22072	No
12	GOM_NL__2PRFIN20060521_010319_000000482047_00475_22072_0074.N1	21-MAY-2006 01:03:19	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	22072	No
13	GOM_NL__2PRFIN20060521_010615_000000562047_00475_22072_0075.N1	21-MAY-2006 01:06:15	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	22072	No
14	GOM_NL__2PRFIN20060521_010844_000000422047_00475_22072_0076.N1	21-MAY-2006 01:08:44	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	22072	No
15	GOM_NL__2PRFIN20060521_011216_000000382047_00475_22072_0077.N1	21-MAY-2006 01:12:16	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22072	No
16	GOM_NL__2PRFIN20060521_011716_000000412047_00475_22072_0078.N1	21-MAY-2006 01:17:16	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	22072	No
17	GOM_NL__2PRFIN20060521_012258_000000402047_00475_22072_0079.N1	21-MAY-2006 01:22:58	Bright	39.500	83		2.3780	11000.	79	22072	No
18	GOM_NL__2PRFIN20060521_012607_000000372047_00475_22072_0080.N1	21-MAY-2006 01:26:07	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	22072	No
19	GOM_NL__2PRFIN20060521_013426_000000402047_00475_22072_0081.N1	21-MAY-2006 01:34:26	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22072	No
20	GOM_NL__2PRFIN20060521_013620_000000332047_00475_22072_0082.N1	21-MAY-2006 01:36:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	22072	No
21	GOM_NL__2PRFIN20060521_014903_000000362047_00475_22072_0083.N1	21-MAY-2006 01:49:03	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	22072	No
22	GOM_NL__2PRFIN20060521_015016_000000442047_00475_22072_0084.N1	21-MAY-2006 01:50:16	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	22072	No
23	GOM_NL__2PRFIN20060521_020311_000000432047_00475_22072_0085.N1	21-MAY-2006 02:03:11	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	22072	No
24	GOM_NL__2PRFIN20060521_021906_000000522047_00475_22072_0086.N1	21-MAY-2006 02:19:06	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	22072	No
25	GOM_NL__2PRFIN20060521_022313_000000572047_00475_22072_0087.N1	21-MAY-2006 02:23:13	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22072	No
26	GOM_NL__2PRFIN20060521_022450_000000442047_00476_22073_0069.N1	21-MAY-2006 02:24:50	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22073	No
27	GOM_NL__2PRFIN20060521_023018_000000412047_00476_22073_0070.N1	21-MAY-2006 02:30:18	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22073	No
28	GOM_NL__2PRFIN20060521_023714_000000412047_00476_22073_0071.N1	21-MAY-2006 02:37:14	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	22073	No
29	GOM_NL__2PRFIN20060521_023956_000000502047_00476_22073_0072.N1	21-MAY-2006 02:39:56	Straylight	49.500	40	The Sco	1.8590	7100.0	99	22073	No
30	GOM_NL__2PRFIN20060521_024147_000000492047_00476_22073_0073.N1	21-MAY-2006 02:41:47	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	22073	No
31	GOM_NL__2PRFIN20060521_024356_000000512047_00476_22073_0074.N1	21-MAY-2006 02:43:56	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	22073	No
32	GOM_NL__2PRFIN20060521_024652_000000522047_00476_22073_0075.N1	21-MAY-2006 02:46:52	Twilight	52.000	16	21Alp Sco	1.0200	3000.0	104	22073	No
33	GOM_NL__2PRFIN20060521_024920_000000422047_00476_22073_0076.N1	21-MAY-2006 02:49:20	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	22073	No
34	GOM_NL__2PRFIN20060521_025252_000000382047_00476_22073_0077.N1	21-MAY-2006 02:52:52	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22073	No
35	GOM_NL__2PRFIN20060521_025752_000000412047_00476_22073_0078.N1	21-MAY-2006 02:57:52	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	22073	No
36	GOM_NL__2PRFIN20060521_030334_000000372047_00476_22073_0079.N1	21-MAY-2006 03:03:34	Bright	36.500	83		2.3780	11000.	73	22073	No
37	GOM_NL__2PRFIN20060521_030643_000000362047_00476_22073_0080.N1	21-MAY-2006 03:06:43	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	22073	No
38	GOM_NL__2PRFIN20060521_031502_000000412047_00476_22073_0081.N1	21-MAY-2006 03:15:02	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22073	No
39	GOM_NL__2PRFIN20060521_031656_000000322047_00476_22073_0082.N1	21-MAY-2006 03:16:56	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	22073	No
40	GOM_NL__2PRFIN20060521_032939_000000532047_00476_22073_0083.N1	21-MAY-2006 03:29:39	Bright	53.000	76	27Gam Cas	2.3000	30000.	106	22073	No
41	GOM_NL__2PRFIN20060521_033051_000000352047_00476_22073_0084.N1	21-MAY-2006 03:30:51	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22073	No
42	GOM_NL__2PRFIN20060521_033927_000000442047_00476_22073_0085.N1	21-MAY-2006 03:39:27	Twilight	44.000	58	21Alp And	2.0730	11000.	88	22073	No

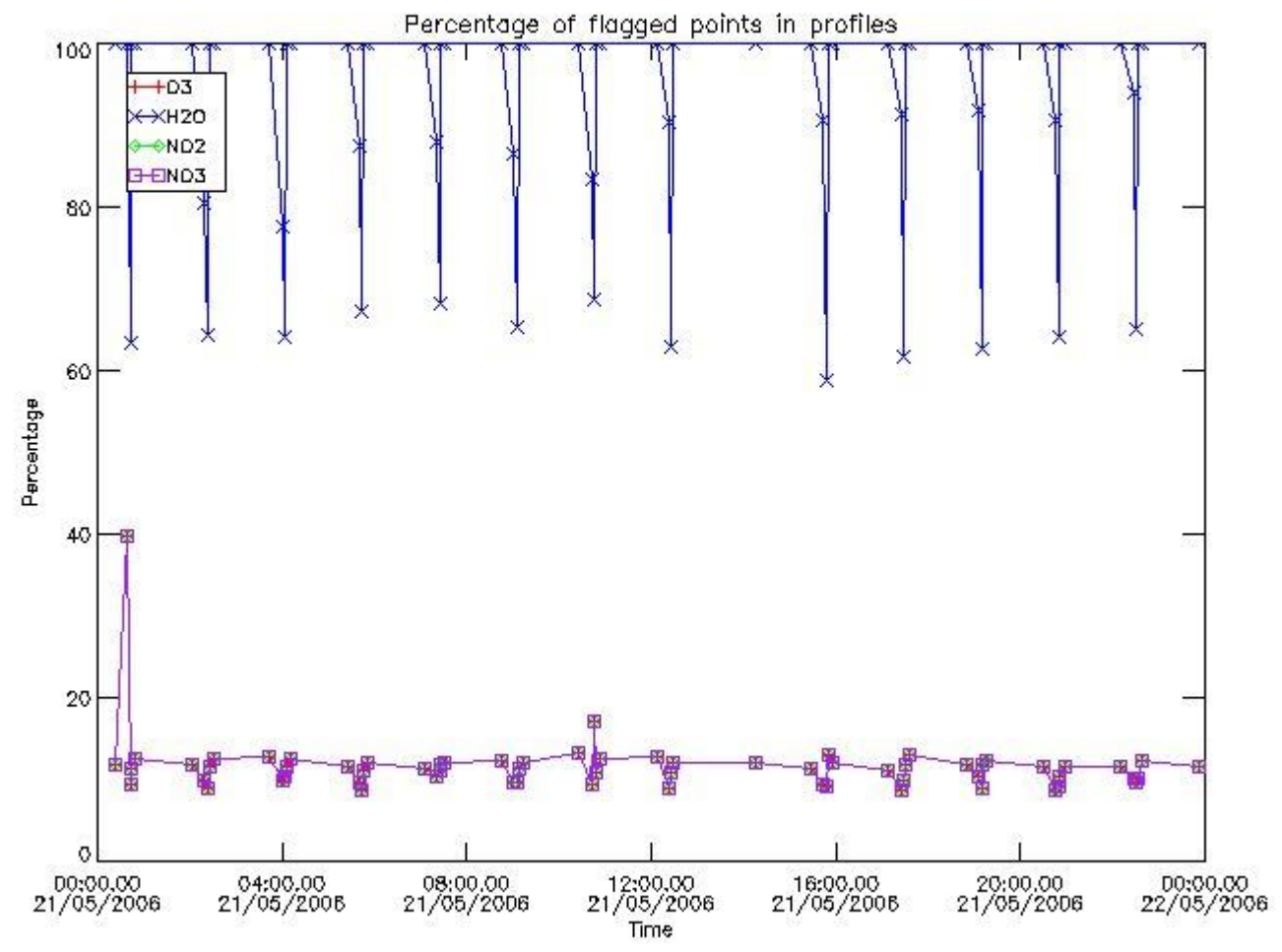
43	GOM_NL__2PRFIN20060521_034348_000000442047_00476_22073_0086.N1	21-MAY-2006 03:43:48	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	22073	No
44	GOM_NL__2PRFIN20060521_035943_000000522047_00476_22073_0087.N1	21-MAY-2006 03:59:43	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	22073	No
45	GOM_NL__2PRFIN20060521_040350_000000592047_00476_22073_0088.N1	21-MAY-2006 04:03:50	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	22073	No
46	GOM_NL__2PRFIN20060521_040527_000000442047_00477_22074_0069.N1	21-MAY-2006 04:05:27	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22074	No
47	GOM_NL__2PRFIN20060521_041054_000000412047_00477_22074_0070.N1	21-MAY-2006 04:10:54	Dark	41.000	45	Alp Pav	1.9400	26000.	82	22074	No
48	GOM_NL__2PRFIN20060521_041750_000000402047_00477_22074_0071.N1	21-MAY-2006 04:17:50	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	22074	No
49	GOM_NL__2PRFIN20060521_042033_000000512047_00477_22074_0072.N1	21-MAY-2006 04:20:33	Straylight	51.000	40	The Sco	1.8590	7100.0	102	22074	No
50	GOM_NL__2PRFIN20060521_042224_000000522047_00477_22074_0073.N1	21-MAY-2006 04:22:24	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	22074	No
51	GOM_NL__2PRFIN20060521_042432_000000522047_00477_22074_0074.N1	21-MAY-2006 04:24:32	Twi_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	22074	No
52	GOM_NL__2PRFIN20060521_042728_000000622047_00477_22074_0075.N1	21-MAY-2006 04:27:28	Twi_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	22074	No
53	GOM_NL__2PRFIN20060521_042956_000000412047_00477_22074_0076.N1	21-MAY-2006 04:29:56	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	22074	No
54	GOM_NL__2PRFIN20060521_043328_000000372047_00477_22074_0077.N1	21-MAY-2006 04:33:28	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	22074	No
55	GOM_NL__2PRFIN20060521_043828_000000422047_00477_22074_0078.N1	21-MAY-2006 04:38:28	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	22074	No
56	GOM_NL__2PRFIN20060521_044410_000000372047_00477_22074_0079.N1	21-MAY-2006 04:44:10	Bright	37.000	83		2.3780	11000.	74	22074	No
57	GOM_NL__2PRFIN20060521_044719_000000352047_00477_22074_0080.N1	21-MAY-2006 04:47:19	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	22074	No
58	GOM_NL__2PRFIN20060521_045537_000000412047_00477_22074_0081.N1	21-MAY-2006 04:55:37	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	22074	No
59	GOM_NL__2PRFIN20060521_045732_000000382047_00477_22074_0082.N1	21-MAY-2006 04:57:32	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	22074	No
60	GOM_NL__2PRFIN20060521_051015_000000382047_00477_22074_0083.N1	21-MAY-2006 05:10:15	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22074	No
61	GOM_NL__2PRFIN20060521_051128_000000352047_00477_22074_0084.N1	21-MAY-2006 05:11:28	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	22074	No
62	GOM_NL__2PRFIN20060521_052004_000000472047_00477_22074_0085.N1	21-MAY-2006 05:20:04	Twi_and_stray	46.500	58	21Alp And	2.0730	11000.	93	22074	No
63	GOM_NL__2PRFIN20060521_052424_000000452047_00477_22074_0086.N1	21-MAY-2006 05:24:24	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	22074	No
64	GOM_NL__2PRFIN20060521_054020_000000532047_00477_22074_0087.N1	21-MAY-2006 05:40:20	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	22074	No
65	GOM_NL__2PRFIN20060521_054426_000000592047_00477_22074_0088.N1	21-MAY-2006 05:44:26	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	22074	No
66	GOM_NL__2PRFIN20060521_054604_000000462047_00478_22075_0070.N1	21-MAY-2006 05:46:04	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22075	No
67	GOM_NL__2PRFIN20060521_055131_000000422047_00478_22075_0071.N1	21-MAY-2006 05:51:31	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22075	No
68	GOM_NL__2PRFIN20060521_055827_000000432047_00478_22075_0072.N1	21-MAY-2006 05:58:27	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	22075	No
69	GOM_NL__2PRFIN20060521_060109_000000482047_00478_22075_0073.N1	21-MAY-2006 06:01:09	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22075	No
70	GOM_NL__2PRFIN20060521_060301_000000512047_00478_22075_0074.N1	21-MAY-2006 06:03:01	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	22075	No
71	GOM_NL__2PRFIN20060521_060509_000000492047_00478_22075_0075.N1	21-MAY-2006 06:05:09	Twi_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22075	No
72	GOM_NL__2PRFIN20060521_060805_000000512047_00478_22075_0076.N1	21-MAY-2006 06:08:05	Twi_and_stray	50.500	16	21Alp Sco	1.0200	3000.0	101	22075	No
73	GOM_NL__2PRFIN20060521_061032_000000412047_00478_22075_0077.N1	21-MAY-2006 06:10:32	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	22075	No
74	GOM_NL__2PRFIN20060521_061404_000000372047_00478_22075_0078.N1	21-MAY-2006 06:14:04	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	22075	No
75	GOM_NL__2PRFIN20060521_061903_000000432047_00478_22075_0079.N1	21-MAY-2006 06:19:03	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	22075	No
76	GOM_NL__2PRFIN20060521_062446_000000382047_00478_22075_0080.N1	21-MAY-2006 06:24:46	Bright	37.500	83		2.3780	11000.	75	22075	No
77	GOM_NL__2PRFIN20060521_062755_000000422047_00478_22075_0081.N1	21-MAY-2006 06:27:55	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	22075	No
78	GOM_NL__2PRFIN20060521_063613_000000392047_00478_22075_0082.N1	21-MAY-2006 06:36:13	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22075	No
79	GOM_NL__2PRFIN20060521_063808_000000382047_00478_22075_0083.N1	21-MAY-2006 06:38:08	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	22075	No
80	GOM_NL__2PRFIN20060521_065051_000000352047_00478_22075_0084.N1	21-MAY-2006 06:50:51	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22075	No
81	GOM_NL__2PRFIN20060521_065203_000000412047_00478_22075_0085.N1	21-MAY-2006 06:52:03	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	22075	No
82	GOM_NL__2PRFIN20060521_070040_000000462047_00478_22075_0086.N1	21-MAY-2006 07:00:40	Twi_and_stray	45.500	58	21Alp And	2.0730	11000.	91	22075	No
83	GOM_NL__2PRFIN20060521_070500_000000452047_00478_22075_0087.N1	21-MAY-2006 07:05:00	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	22075	No
84	GOM_NL__2PRFIN20060521_072057_000000542047_00478_22075_0088.N1	21-MAY-2006 07:20:57	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	22075	No
85	GOM_NL__2PRFIN20060521_072504_000000462047_00478_22075_0089.N1	21-MAY-2006 07:25:04	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	22075	No
86	GOM_NL__2PRFIN20060521_072641_000000432047_00479_22076_0091.N1	21-MAY-2006 07:26:41	Dark	43.000	31	Alp Gru	1.7340	15200.	86	22076	No
87	GOM_NL__2PRFIN20060521_073208_000000422047_00479_22076_0092.N1	21-MAY-2006 07:32:08	Dark	42.000	45	Alp Pav	1.9400	26000.	84	22076	No
88	GOM_NL__2PRFIN20060521_073903_000000422047_00479_22076_0093.N1	21-MAY-2006 07:39:03	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	22076	No
89	GOM_NL__2PRFIN20060521_074146_000000512047_00479_22076_0094.N1	21-MAY-2006 07:41:46	Straylight	51.000	40	The Sco	1.8590	7100.0	102	22076	No
90	GOM_NL__2PRFIN20060521_074337_000000532047_00479_22076_0095.N1	21-MAY-2006 07:43:37	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	22076	No
91	GOM_NL__2PRFIN20060521_074545_000000492047_00479_22076_0096.N1	21-MAY-2006 07:45:45	Twi_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	22076	No
92	GOM_NL__2PRFIN20060521_074841_000000622047_00479_22076_0097.N1	21-MAY-2006 07:48:41	Twi_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	22076	No
93	GOM_NL__2PRFIN20060521_075108_000000432047_00479_22076_0098.N1	21-MAY-2006 07:51:08	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	22076	No
94	GOM_NL__2PRFIN20060521_075441_000000382047_00479_22076_0099.N1	21-MAY-2006 07:54:41	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	22076	No
95	GOM_NL__2PRFIN20060521_075939_000000412047_00479_22076_0100.N1	21-MAY-2006 07:59:39	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	22076	No
96	GOM_NL__2PRFIN20060521_080522_000000372047_00479_22076_0101.N1	21-MAY-2006 08:05:22	Bright	36.500	83		2.3780	11000.	73	22076	No
97	GOM_NL__2PRFIN20060521_080831_000000352047_00479_22076_0102.N1	21-MAY-2006 08:08:31	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	22076	No
98	GOM_NL__2PRFIN20060521_081648_000000392047_00479_22076_0103.N1	21-MAY-2006 08:16:48	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22076	No
99	GOM_NL__2PRFIN20060521_081844_000000362047_00479_22076_0104.N1	21-MAY-2006 08:18:44	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	22076	No
100	GOM_NL__2PRFIN20060521_083127_000000352047_00479_22076_0105.N1	21-MAY-2006 08:31:27	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	22076	No
101	GOM_NL__2PRFIN20060521_083239_000000372047_00479_22076_0106.N1	21-MAY-2006 08:32:39	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	22076	No

220	GOM_NL__2PRFIN20060521_194932_000000372047_00486_22083_0104.N1	21-MAY-2006 19:49:32	Bright	37.000	83		2.3780	11000.	74	22083	No
221	GOM_NL__2PRFIN20060521_195242_000000352047_00486_22083_0105.N1	21-MAY-2006 19:52:42	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	22083	No
222	GOM_NL__2PRFIN20060521_200057_000000402047_00486_22083_0106.N1	21-MAY-2006 20:00:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22083	No
223	GOM_NL__2PRFIN20060521_200255_000000352047_00486_22083_0107.N1	21-MAY-2006 20:02:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	22083	No
224	GOM_NL__2PRFIN20060521_201538_000000362047_00486_22083_0108.N1	21-MAY-2006 20:15:38	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	22083	No
225	GOM_NL__2PRFIN20060521_201651_000000392047_00486_22083_0109.N1	21-MAY-2006 20:16:51	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	22083	No
226	GOM_NL__2PRFIN20060521_202529_000000462047_00486_22083_0110.N1	21-MAY-2006 20:25:29	Twilight	46.000	58	21Alp And	2.0730	11000.	92	22083	No
227	GOM_NL__2PRFIN20060521_202950_000000452047_00486_22083_0111.N1	21-MAY-2006 20:29:50	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	22083	No
228	GOM_NL__2PRFIN20060521_204552_000000602047_00486_22083_0112.N1	21-MAY-2006 20:45:52	Dark	59.500	18	24Alp PsA	1.1660	9700.0	119	22083	No
229	GOM_NL__2PRFIN20060521_204957_000000562047_00486_22083_0113.N1	21-MAY-2006 20:49:57	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	22083	No
230	GOM_NL__2PRFIN20060521_205135_000000492047_00487_22084_0094.N1	21-MAY-2006 20:51:35	Dark	49.000	31	Alp Gru	1.7340	15200.	98	22084	No
231	GOM_NL__2PRFIN20060521_205701_000000442047_00487_22084_0095.N1	21-MAY-2006 20:57:01	Dark	44.000	45	Alp Pav	1.9400	26000.	88	22084	No
232	GOM_NL__2PRFIN20060521_210354_000000472047_00487_22084_0096.N1	21-MAY-2006 21:03:54	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	22084	No
233	GOM_NL__2PRFIN20060521_210638_000000482047_00487_22084_0097.N1	21-MAY-2006 21:06:38	Straylight	48.000	40	The Sco	1.8590	7100.0	96	22084	No
234	GOM_NL__2PRFIN20060521_210829_000000502047_00487_22084_0098.N1	21-MAY-2006 21:08:29	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	22084	No
235	GOM_NL__2PRFIN20060521_211036_000000502047_00487_22084_0099.N1	21-MAY-2006 21:10:36	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	22084	No
236	GOM_NL__2PRFIN20060521_211330_000000542047_00487_22084_0100.N1	21-MAY-2006 21:13:30	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	22084	No
237	GOM_NL__2PRFIN20060521_211557_000000432047_00487_22084_0101.N1	21-MAY-2006 21:15:57	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	22084	No
238	GOM_NL__2PRFIN20060521_211928_000000382047_00487_22084_0102.N1	21-MAY-2006 21:19:28	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22084	No
239	GOM_NL__2PRFIN20060521_212120_000000452047_00487_22084_0103.N1	21-MAY-2006 21:21:20	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	22084	No
240	GOM_NL__2PRFIN20060521_212425_000000412047_00487_22084_0104.N1	21-MAY-2006 21:24:25	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	22084	No
241	GOM_NL__2PRFIN20060521_213008_000000352047_00487_22084_0105.N1	21-MAY-2006 21:30:08	Bright	35.000	83		2.3780	11000.	70	22084	No
242	GOM_NL__2PRFIN20060521_213318_000000352047_00487_22084_0106.N1	21-MAY-2006 21:33:18	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	22084	No
243	GOM_NL__2PRFIN20060521_214132_000000392047_00487_22084_0107.N1	21-MAY-2006 21:41:32	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	22084	No
244	GOM_NL__2PRFIN20060521_214331_000000382047_00487_22084_0108.N1	21-MAY-2006 21:43:31	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	22084	No
245	GOM_NL__2PRFIN20060521_215614_000000542047_00487_22084_0109.N1	21-MAY-2006 21:56:14	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	22084	No
246	GOM_NL__2PRFIN20060521_215726_000000362047_00487_22084_0110.N1	21-MAY-2006 21:57:26	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	22084	No
247	GOM_NL__2PRFIN20060521_220605_000000462047_00487_22084_0111.N1	21-MAY-2006 22:06:05	Twilight	45.500	58	21Alp And	2.0730	11000.	91	22084	No
248	GOM_NL__2PRFIN20060521_221027_000000442047_00487_22084_0112.N1	21-MAY-2006 22:10:27	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	22084	No
249	GOM_NL__2PRFIN20060521_222628_000000512047_00487_22084_0113.N1	21-MAY-2006 22:26:28	Dark	50.500	18	24Alp PsA	1.1660	9700.0	101	22084	No
250	GOM_NL__2PRFIN20060521_223033_000000582047_00487_22084_0114.N1	21-MAY-2006 22:30:33	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	22084	No
251	GOM_NL__2PRFIN20060521_223211_000000512047_00488_22085_0095.N1	21-MAY-2006 22:32:11	Dark	50.500	31	Alp Gru	1.7340	15200.	101	22085	No
252	GOM_NL__2PRFIN20060521_223737_000000422047_00488_22085_0096.N1	21-MAY-2006 22:37:37	Dark	41.500	45	Alp Pav	1.9400	26000.	83	22085	No
253	GOM_NL__2PRFIN20060521_224431_000000432047_00488_22085_0097.N1	21-MAY-2006 22:44:31	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	22085	No
254	GOM_NL__2PRFIN20060521_224714_000000492047_00488_22085_0098.N1	21-MAY-2006 22:47:14	Straylight	48.500	40	The Sco	1.8590	7100.0	97	22085	No
255	GOM_NL__2PRFIN20060521_224905_000000522047_00488_22085_0099.N1	21-MAY-2006 22:49:05	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	22085	No
256	GOM_NL__2PRFIN20060521_225112_000000532047_00488_22085_0100.N1	21-MAY-2006 22:51:12	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	22085	No
257	GOM_NL__2PRFIN20060521_225406_000000602047_00488_22085_0101.N1	21-MAY-2006 22:54:06	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	22085	No
258	GOM_NL__2PRFIN20060521_225633_000000432047_00488_22085_0102.N1	21-MAY-2006 22:56:33	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	22085	No
259	GOM_NL__2PRFIN20060521_230004_000000382047_00488_22085_0103.N1	21-MAY-2006 23:00:04	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	22085	No
260	GOM_NL__2PRFIN20060521_230155_000000452047_00488_22085_0104.N1	21-MAY-2006 23:01:55	Bright	45.000	120	1Del Oph	2.7340	3200.0	90	22085	No
261	GOM_NL__2PRFIN20060521_230501_000000412047_00488_22085_0105.N1	21-MAY-2006 23:05:01	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	22085	No
262	GOM_NL__2PRFIN20060521_231044_000000352047_00488_22085_0106.N1	21-MAY-2006 23:10:44	Bright	34.500	83		2.3780	11000.	69	22085	No
263	GOM_NL__2PRFIN20060521_231353_000000352047_00488_22085_0107.N1	21-MAY-2006 23:13:53	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	22085	No
264	GOM_NL__2PRFIN20060521_232208_000000402047_00488_22085_0108.N1	21-MAY-2006 23:22:08	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	22085	No
265	GOM_NL__2PRFIN20060521_232406_000000382047_00488_22085_0109.N1	21-MAY-2006 23:24:06	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	22085	No
266	GOM_NL__2PRFIN20060521_233650_000000382047_00488_22085_0110.N1	21-MAY-2006 23:36:50	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22085	No
267	GOM_NL__2PRFIN20060521_233802_000000542047_00488_22085_0111.N1	21-MAY-2006 23:38:02	Bright	54.000	68	18Alp Cas	2.2250	4500.0	108	22085	No
268	GOM_NL__2PRFIN20060521_234641_000000472047_00488_22085_0112.N1	21-MAY-2006 23:46:41	Twilight	46.500	58	21Alp And	2.0730	11000.	93	22085	No
269	GOM_NL__2PRFIN20060521_235103_000000442047_00488_22085_0113.N1	21-MAY-2006 23:51:03	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	22085	No

3. Quality information per product

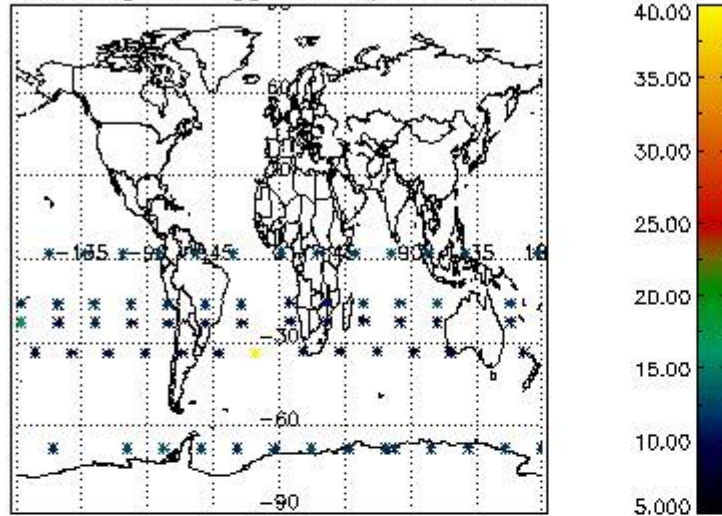
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

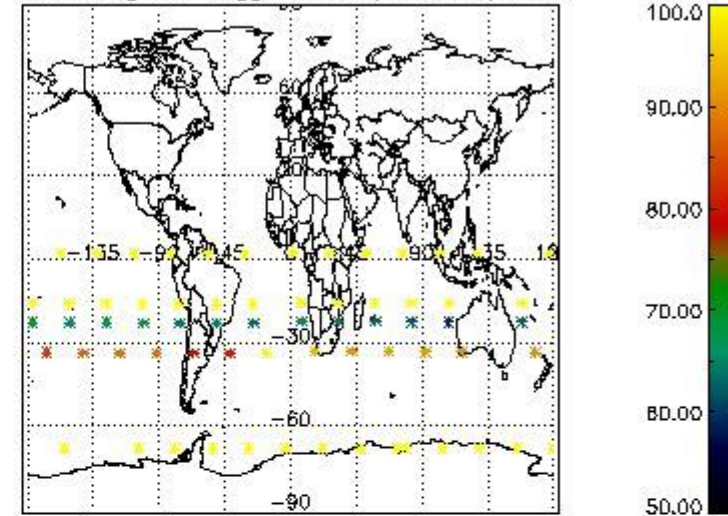


3.2 Plot quality information per product (world map)

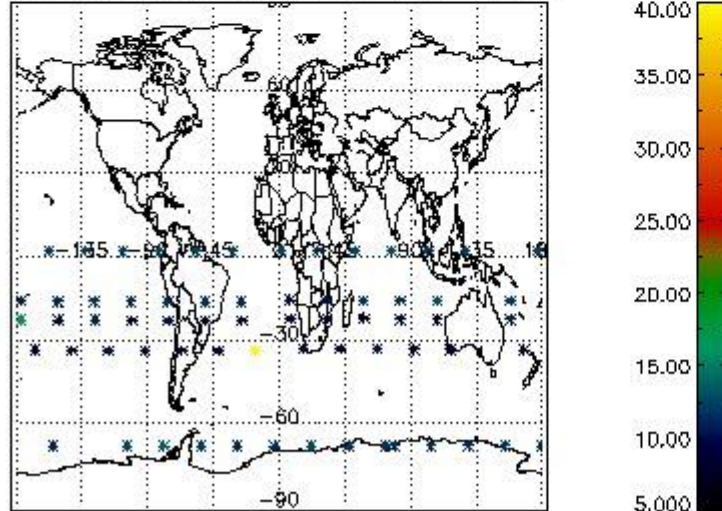
Percentage of flagged data per O3 profile



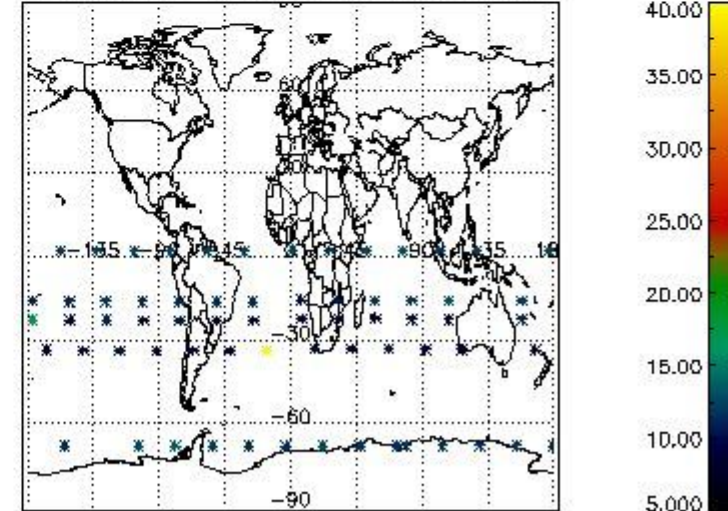
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

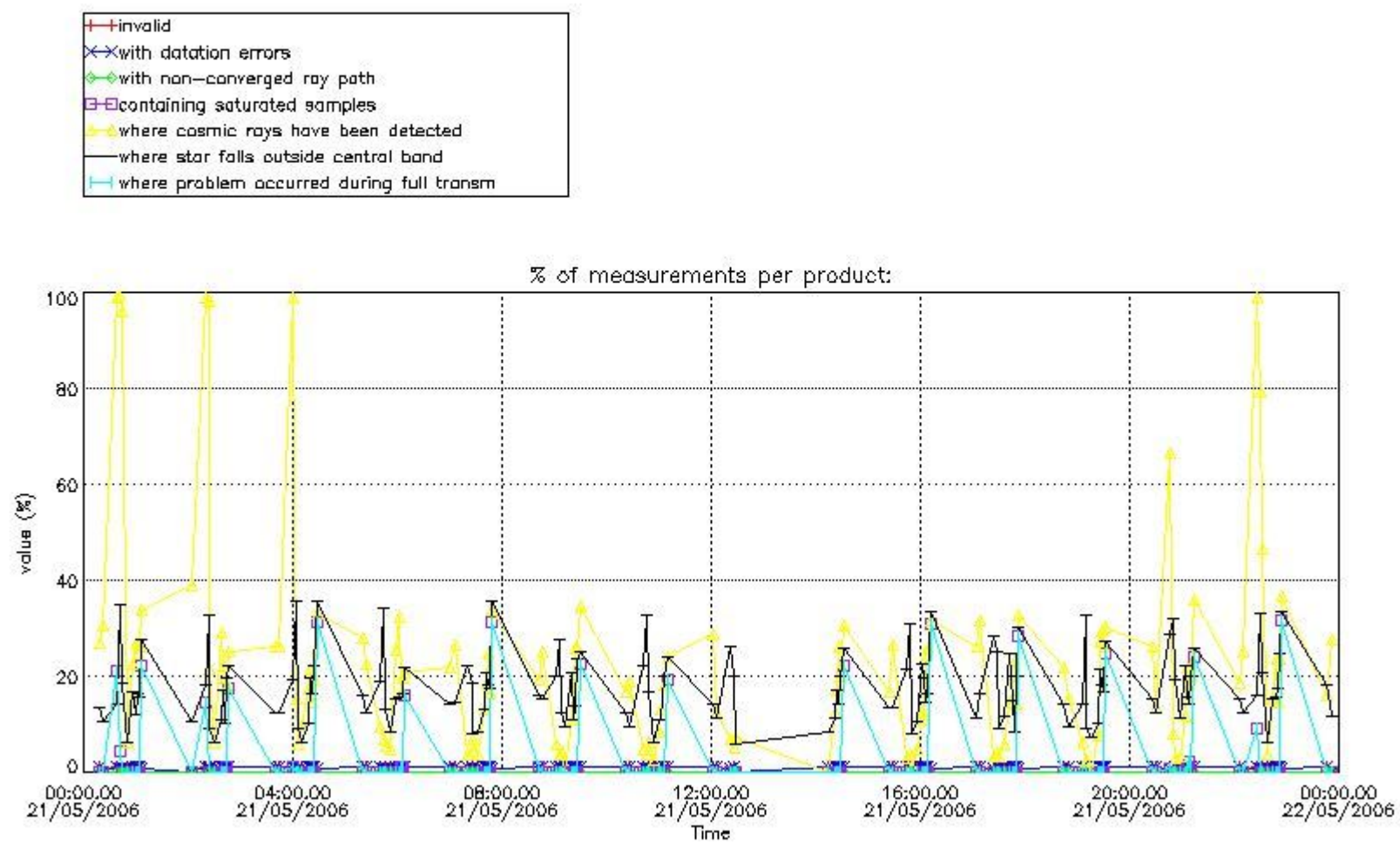


4. Level 1 quality information per product

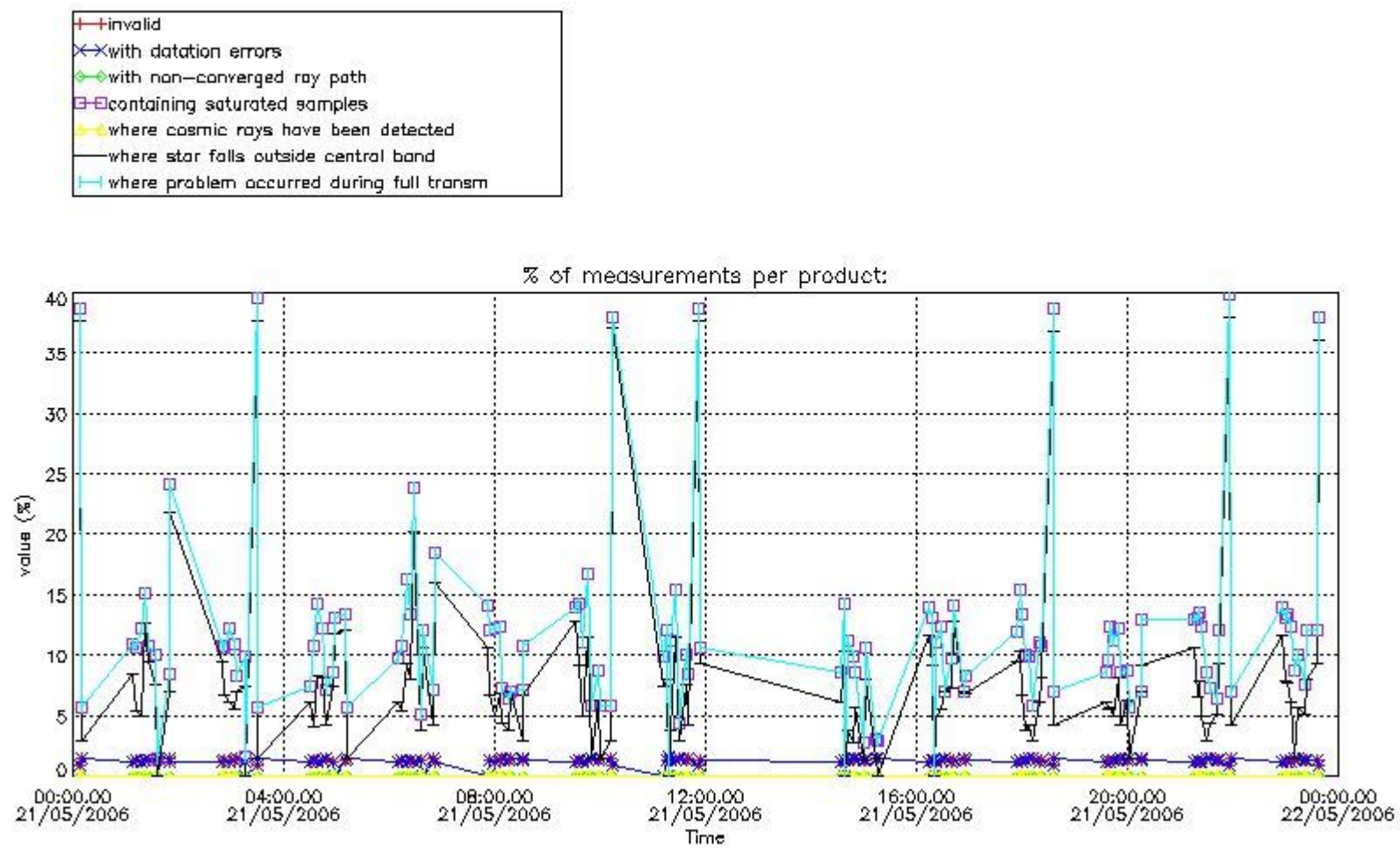
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

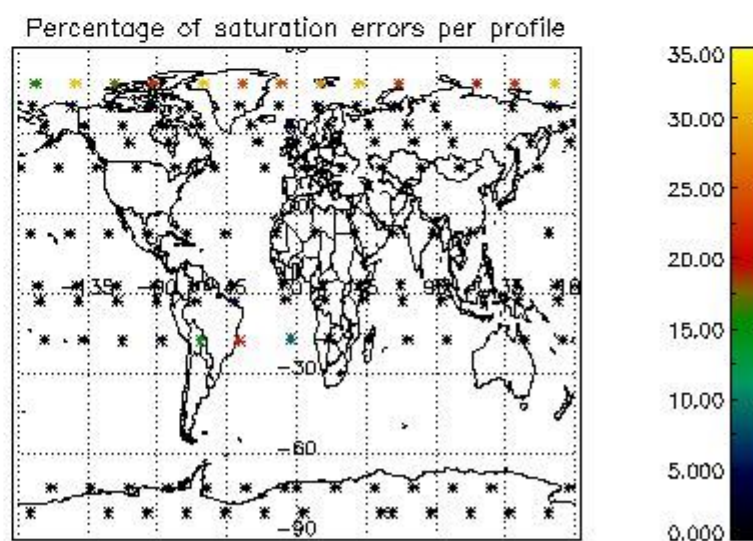
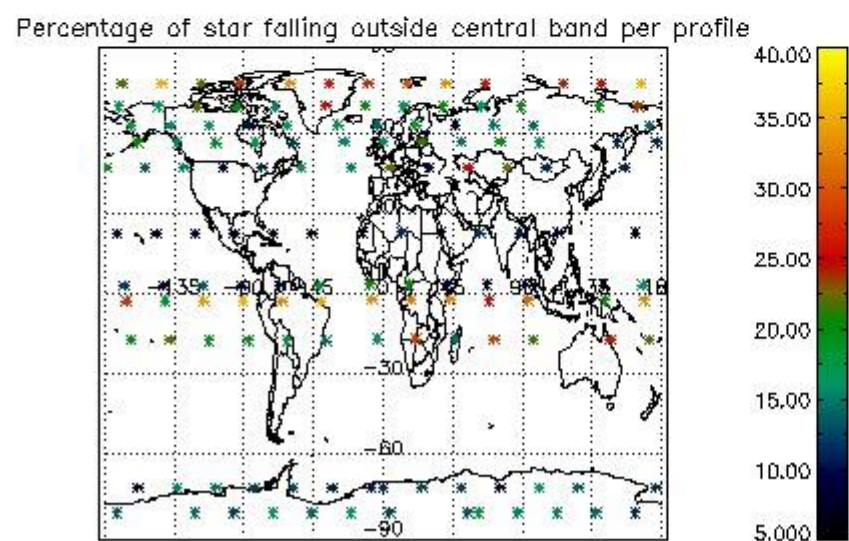
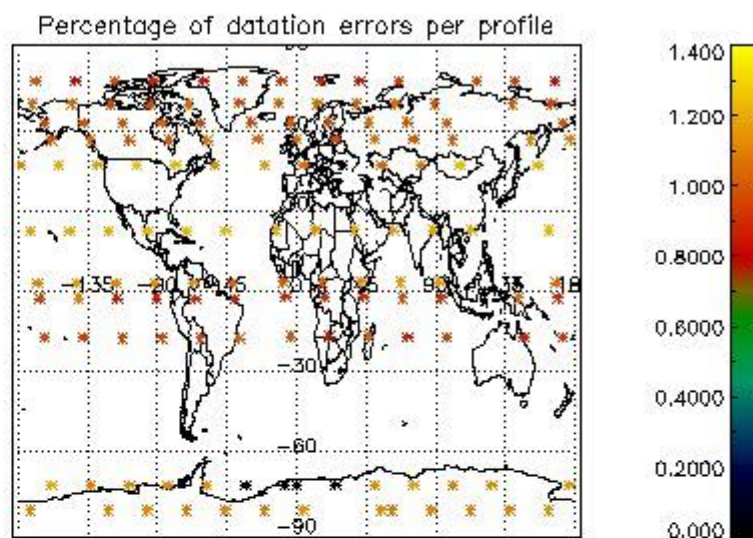
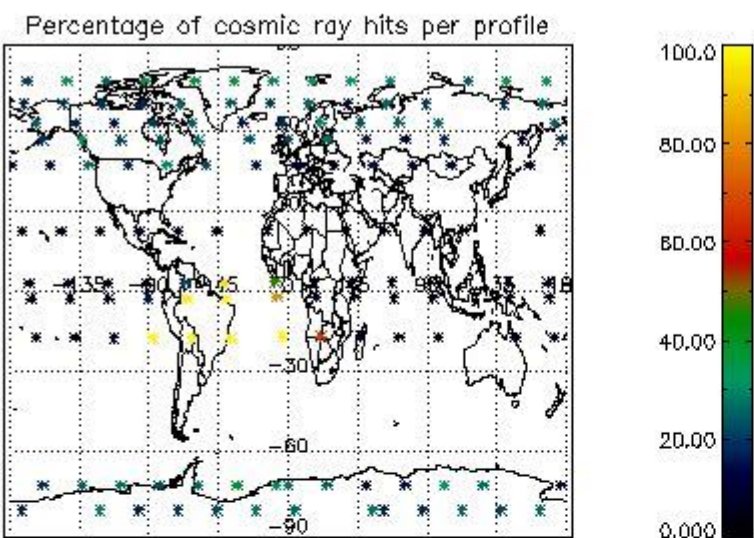


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



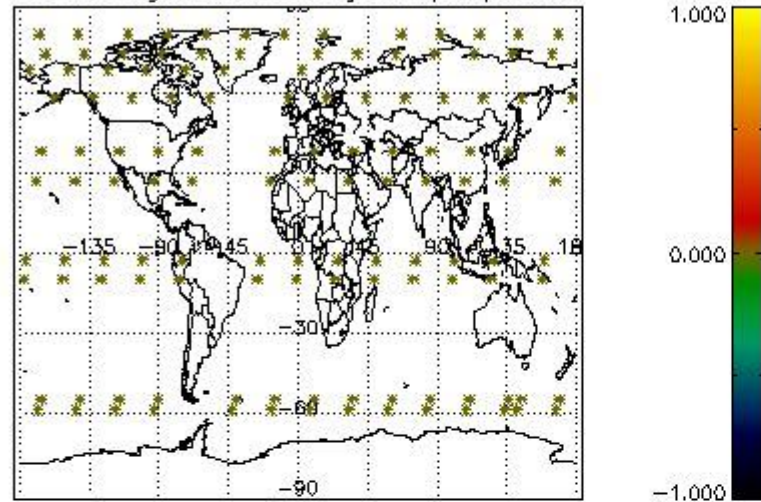
4.2 Plot quality information per product coming from level 1b processing (world map)

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

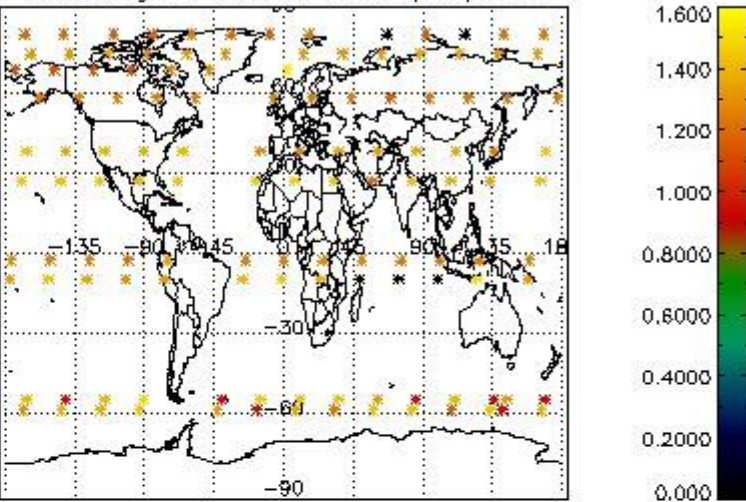


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

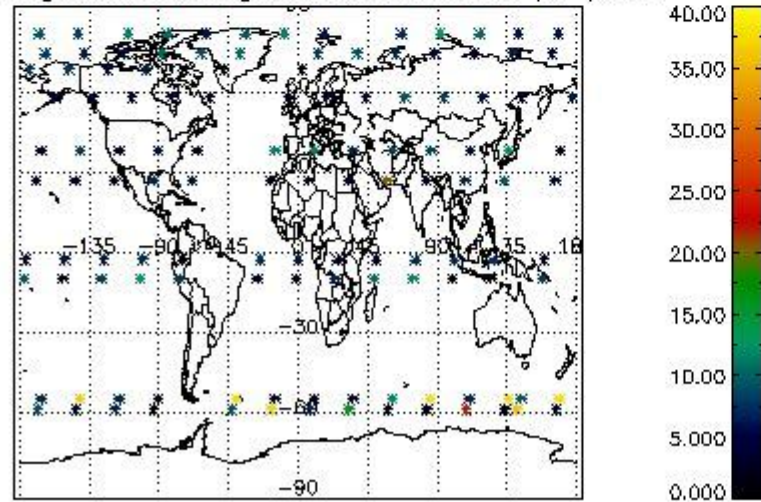
Percentage of cosmic ray hits per profile



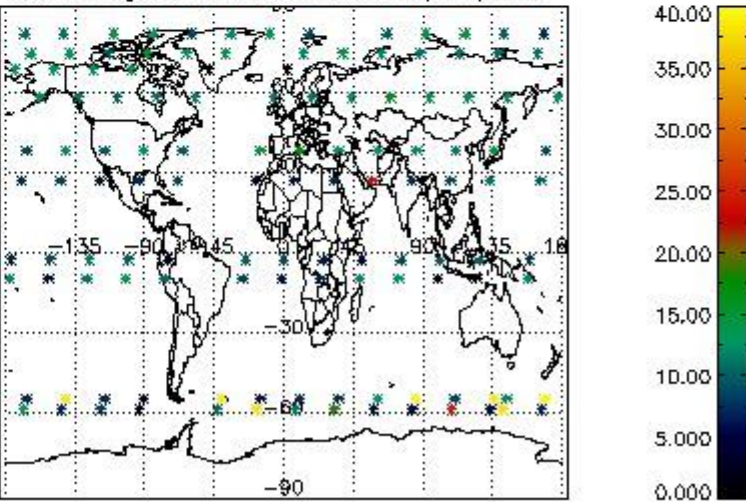
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

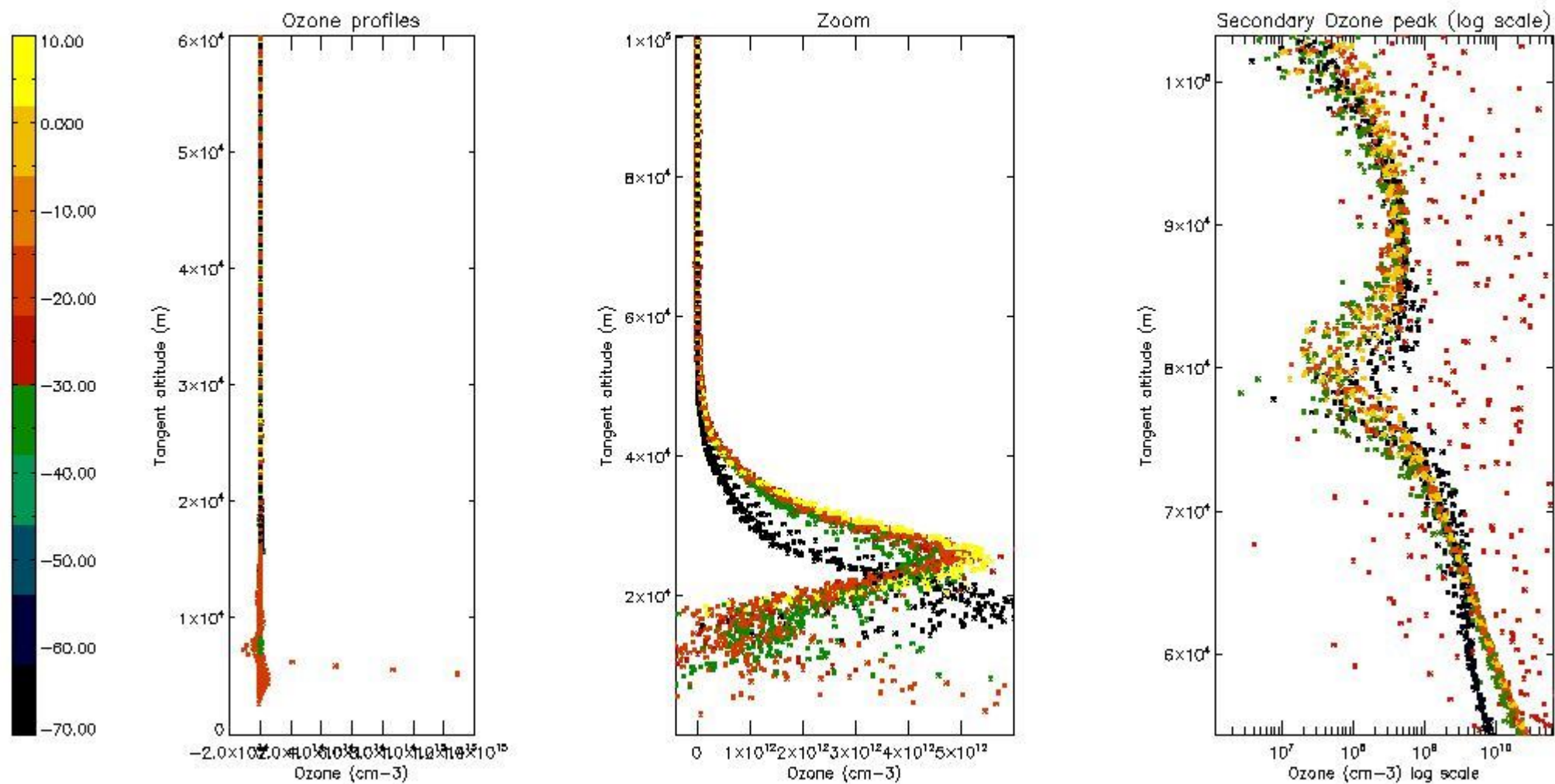
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	16

STD < 10	13
STD < 5	10

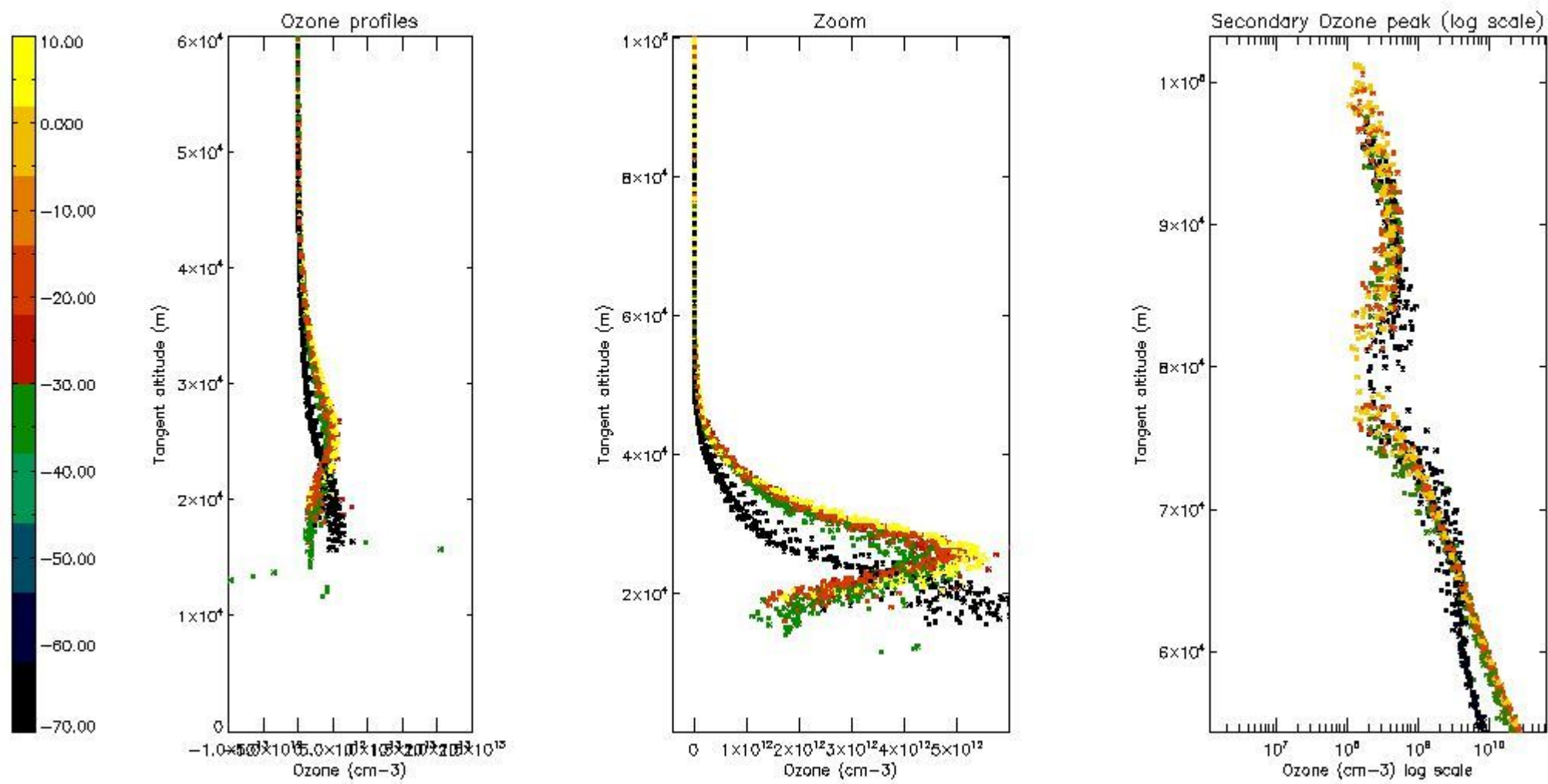
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



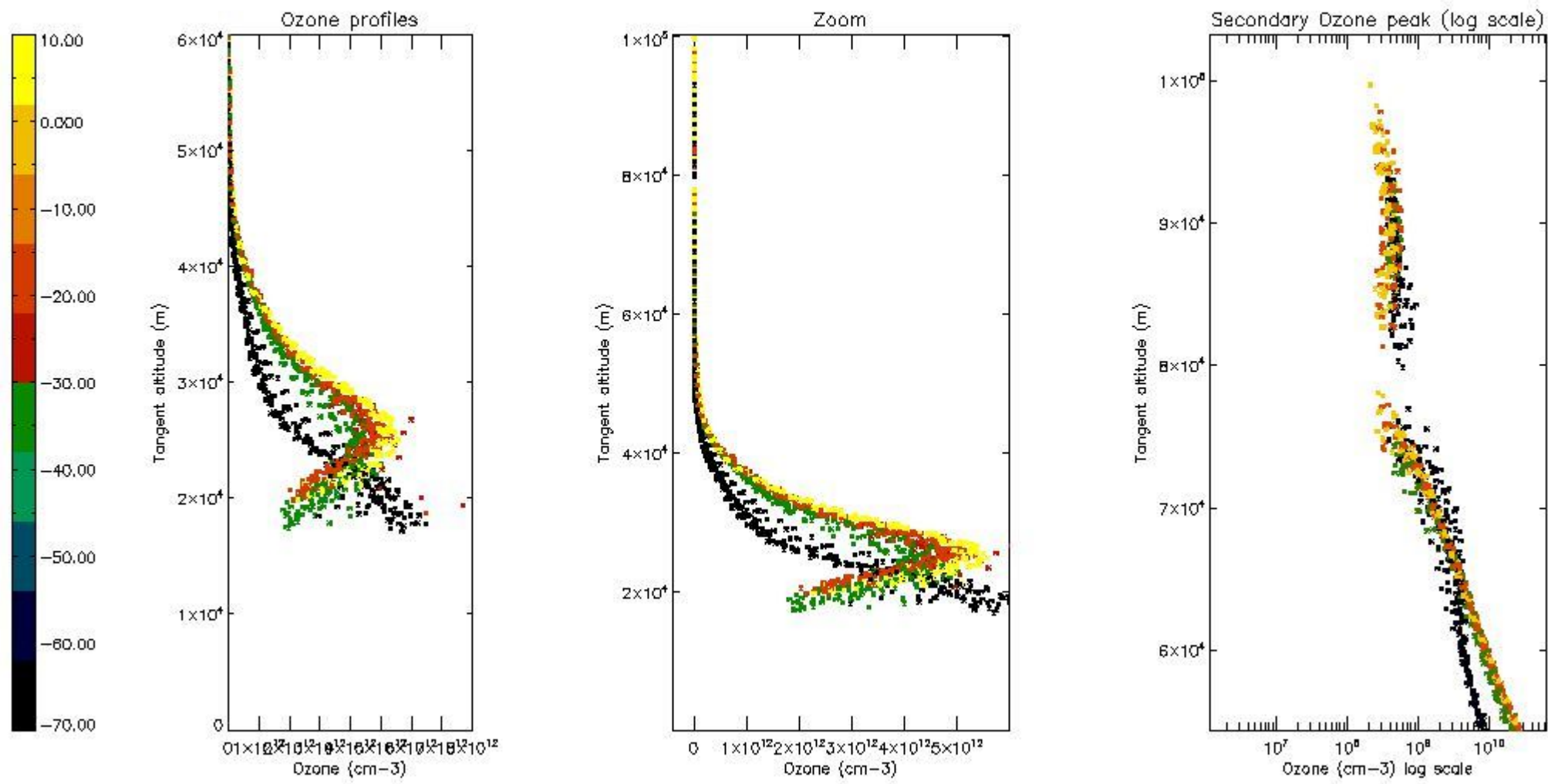
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



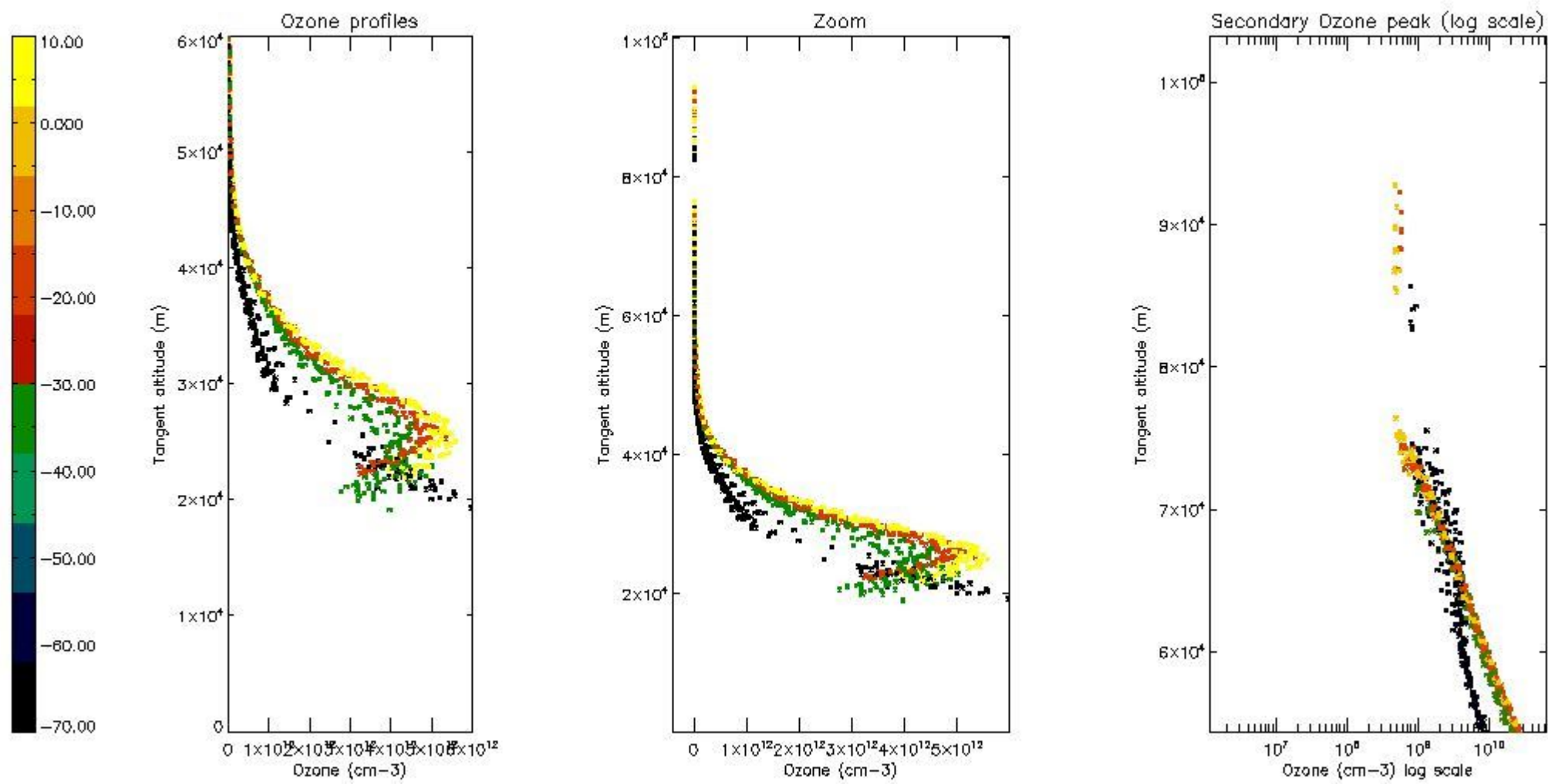
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



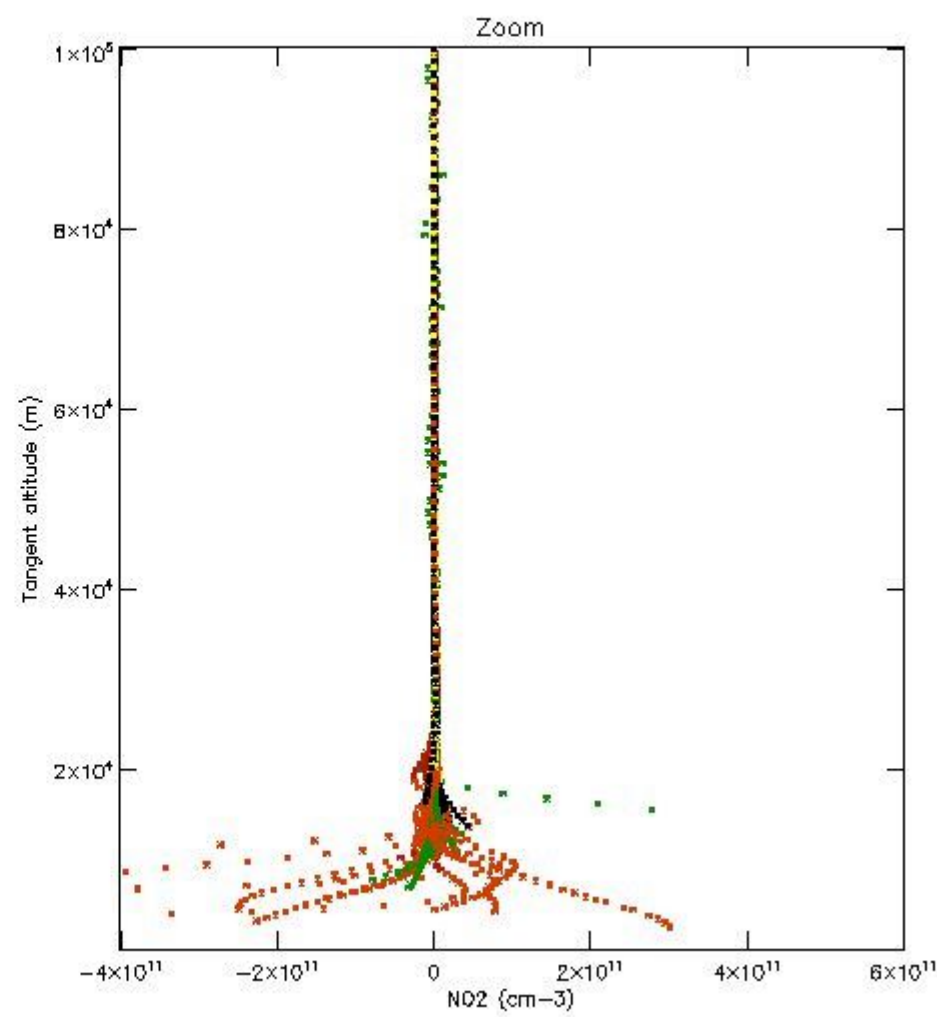
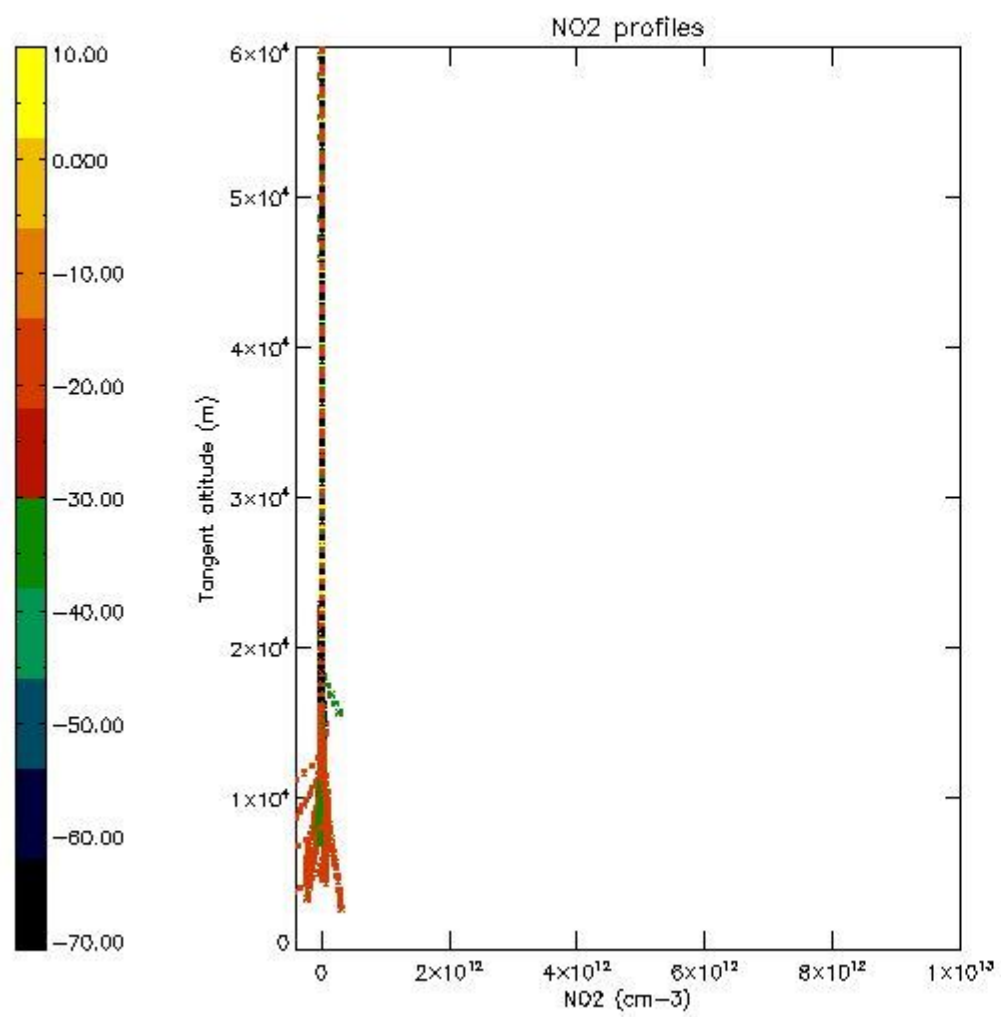
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



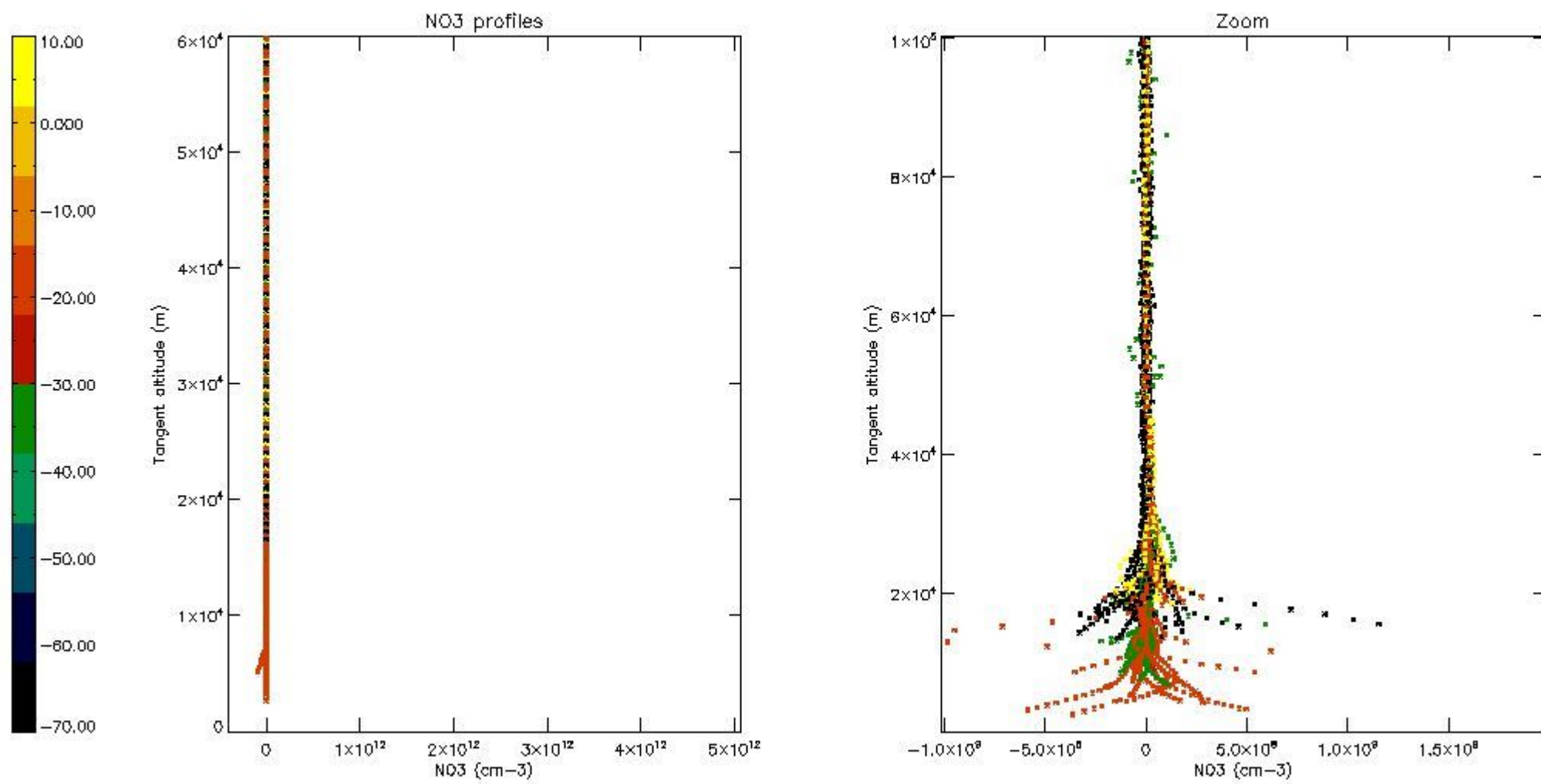
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



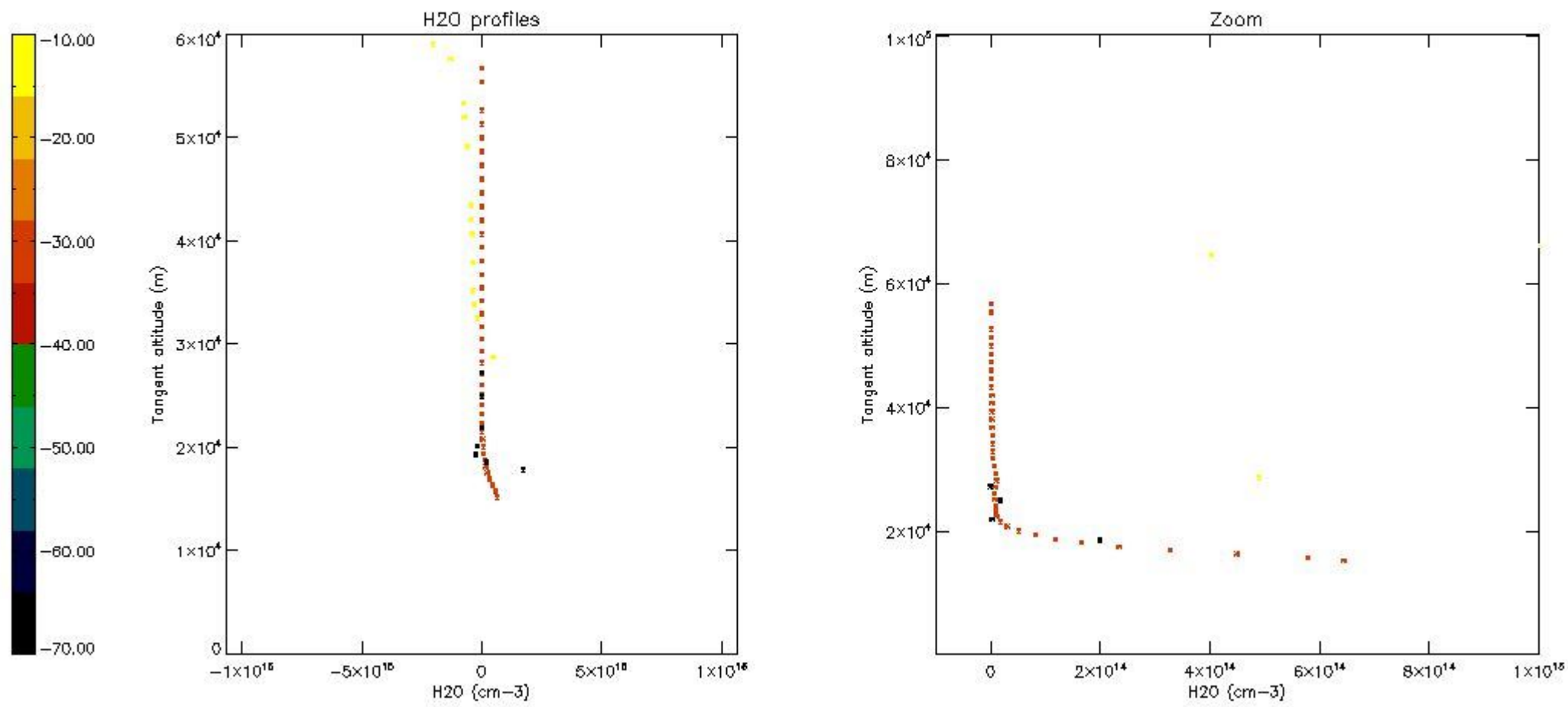
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

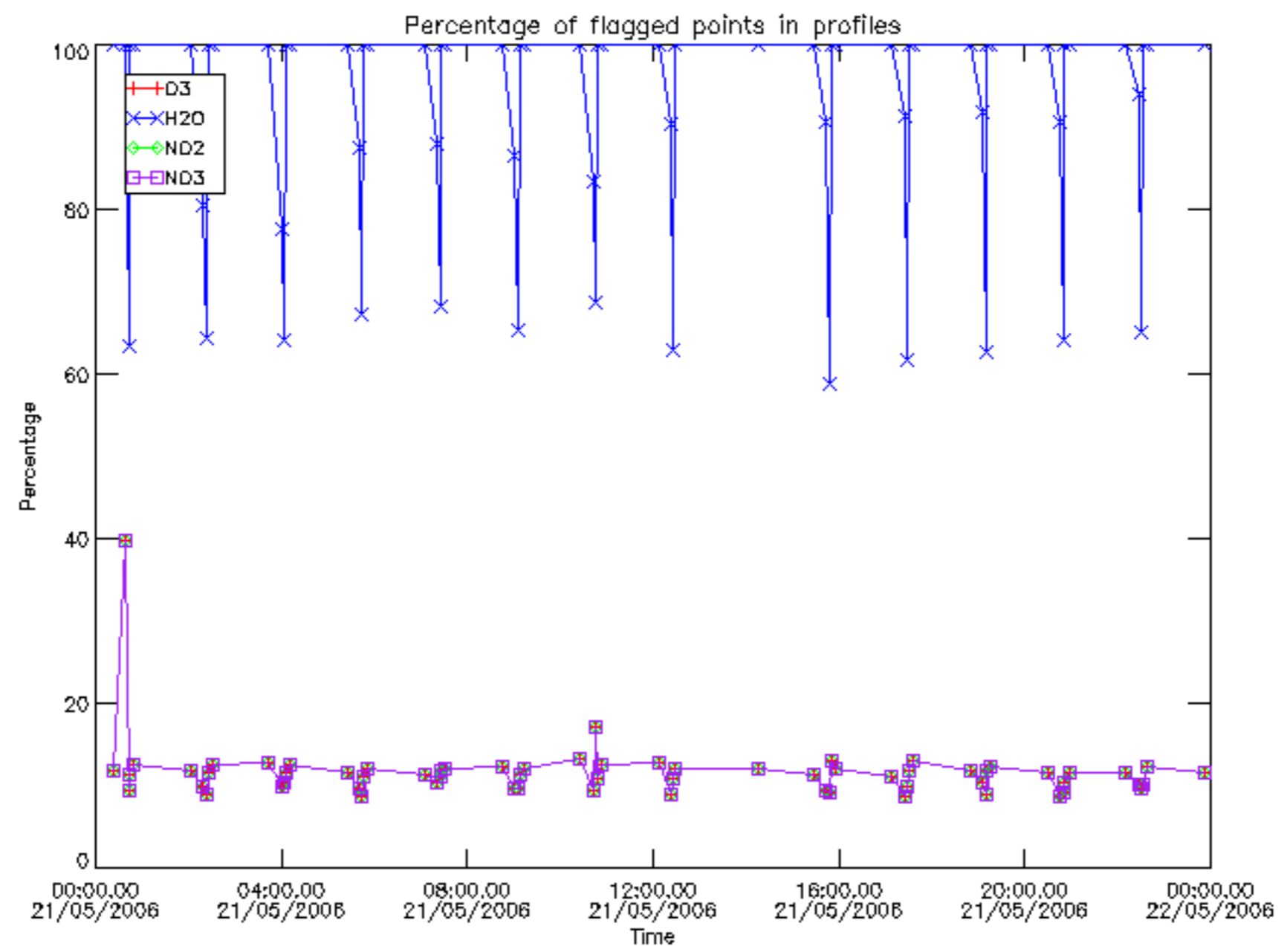
The colorbar represents the latitude.



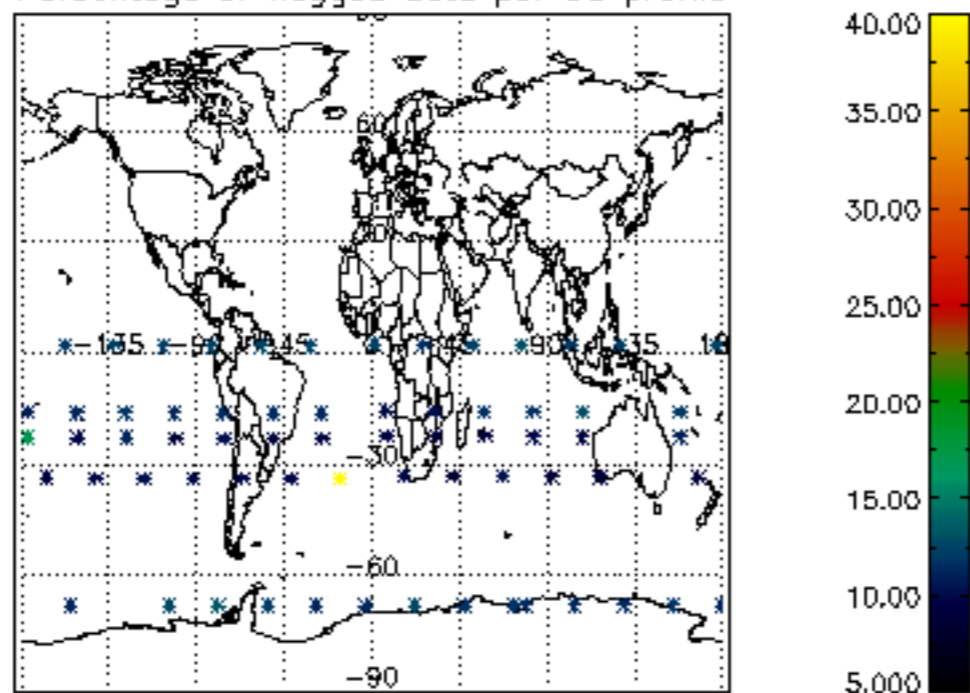
6. Auxiliary Data Files used for the production reported in section 2

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.

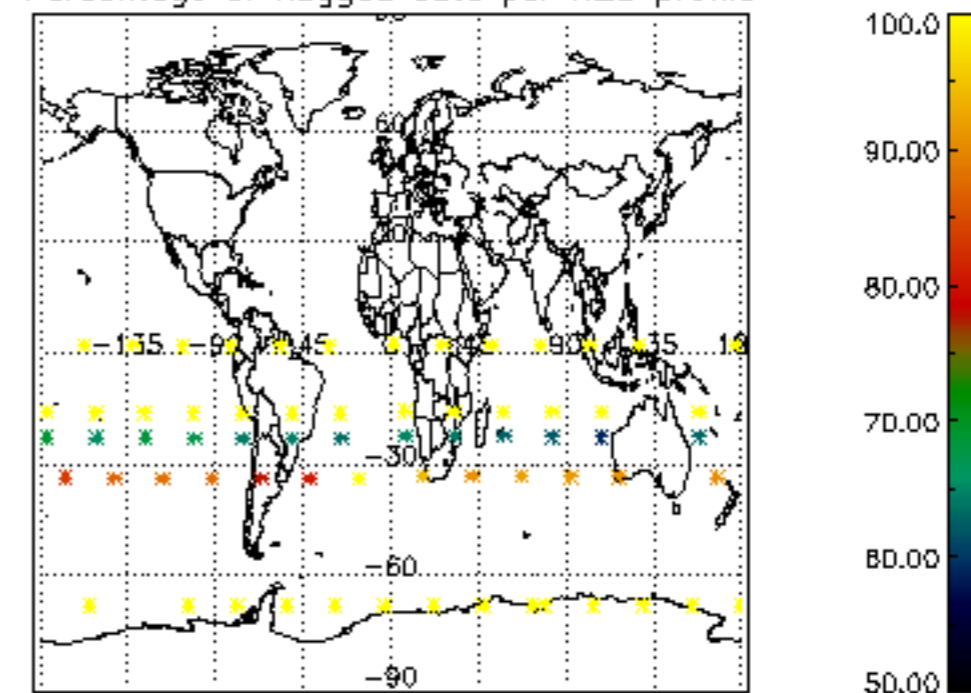
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-MAY-2006 00:08:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-MAY-2006 00:08:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-MAY-2006 00:08:27



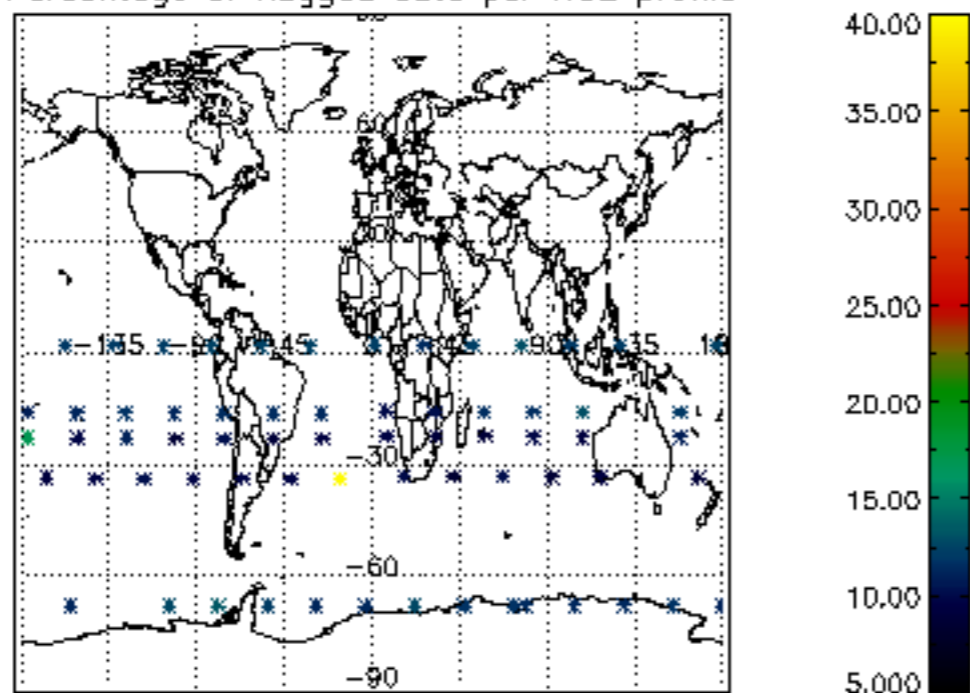
Percentage of flagged data per D3 profile



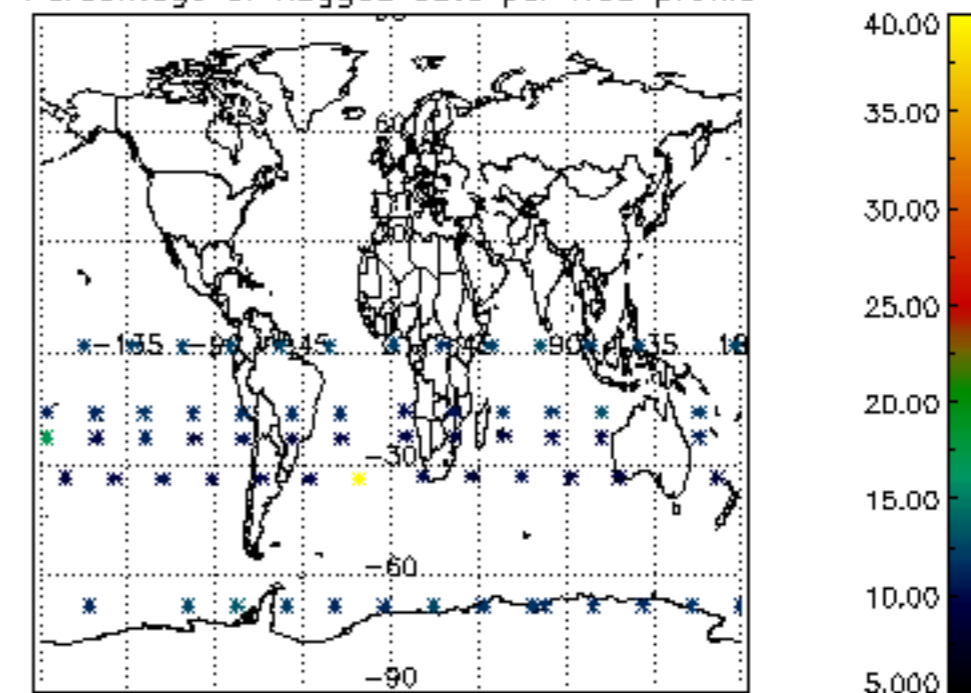
Percentage of flagged data per H2O profile

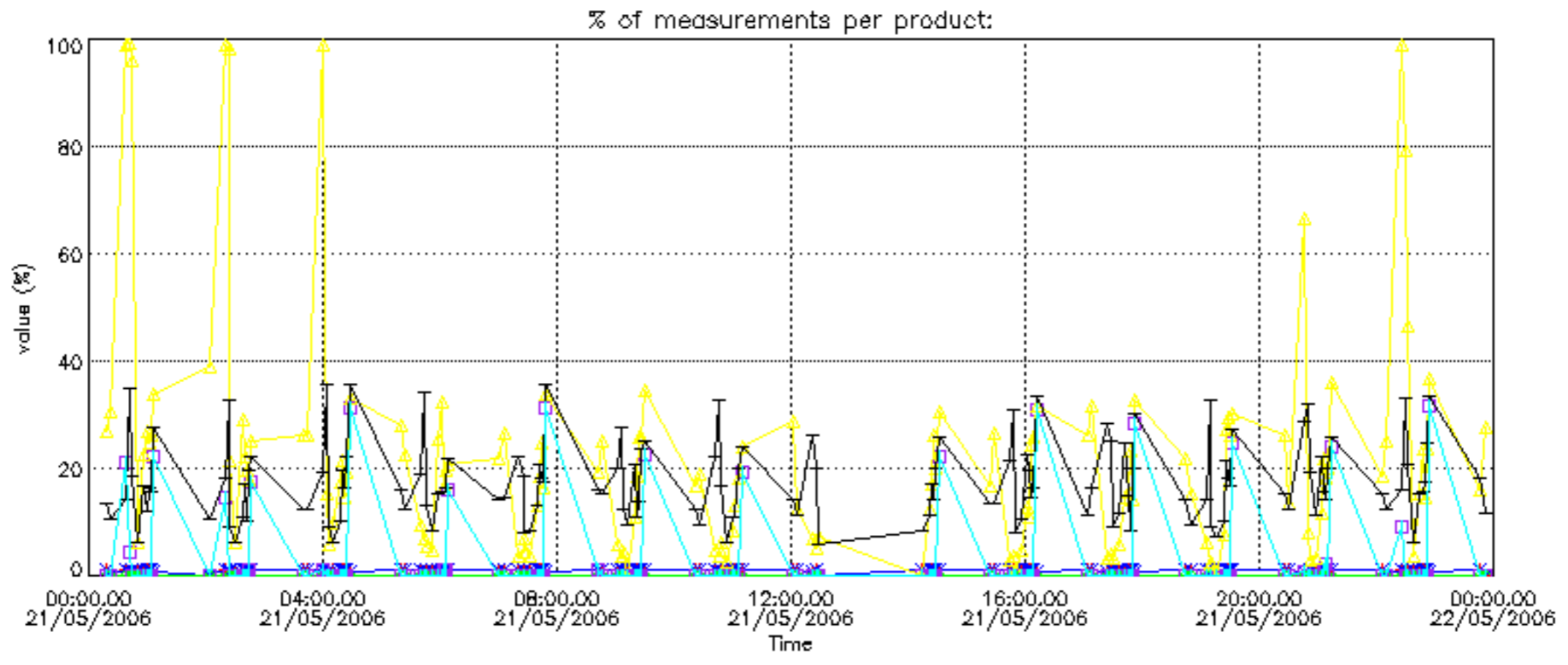


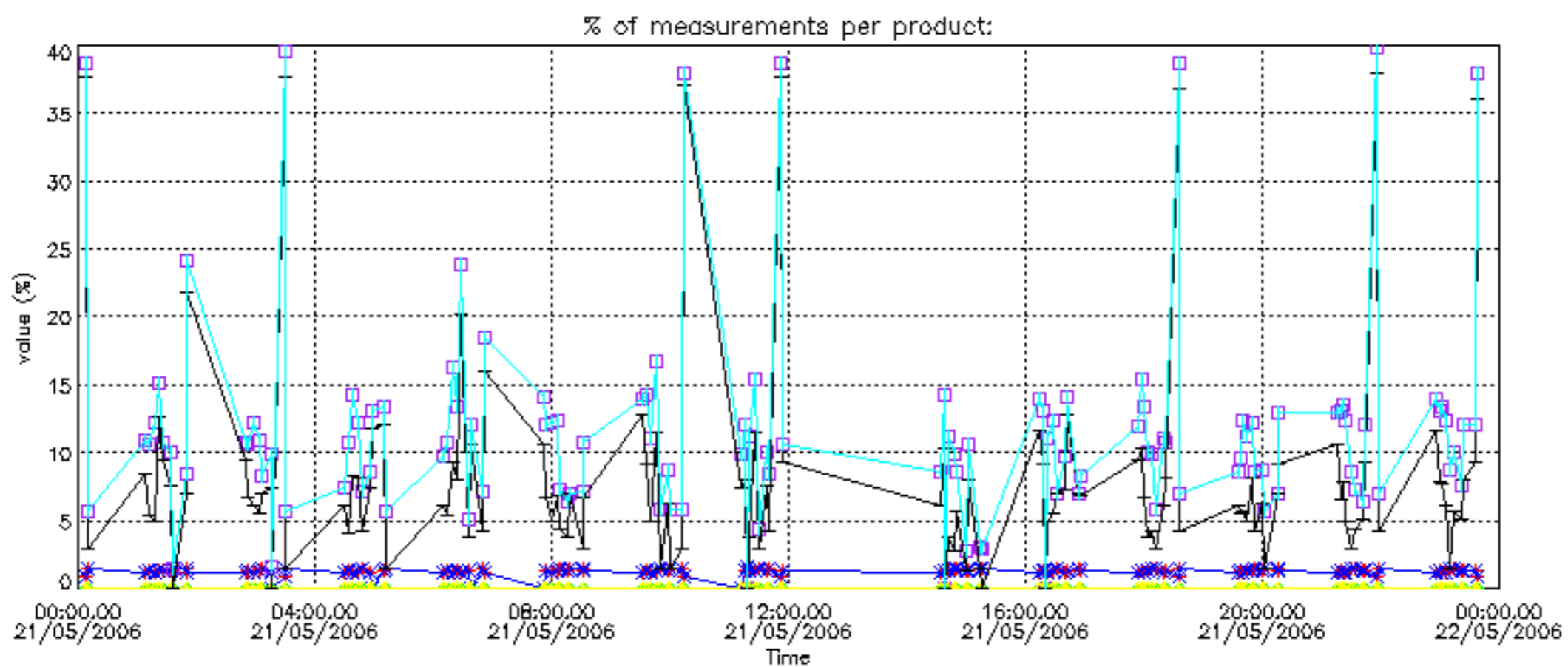
Percentage of flagged data per NO2 profile



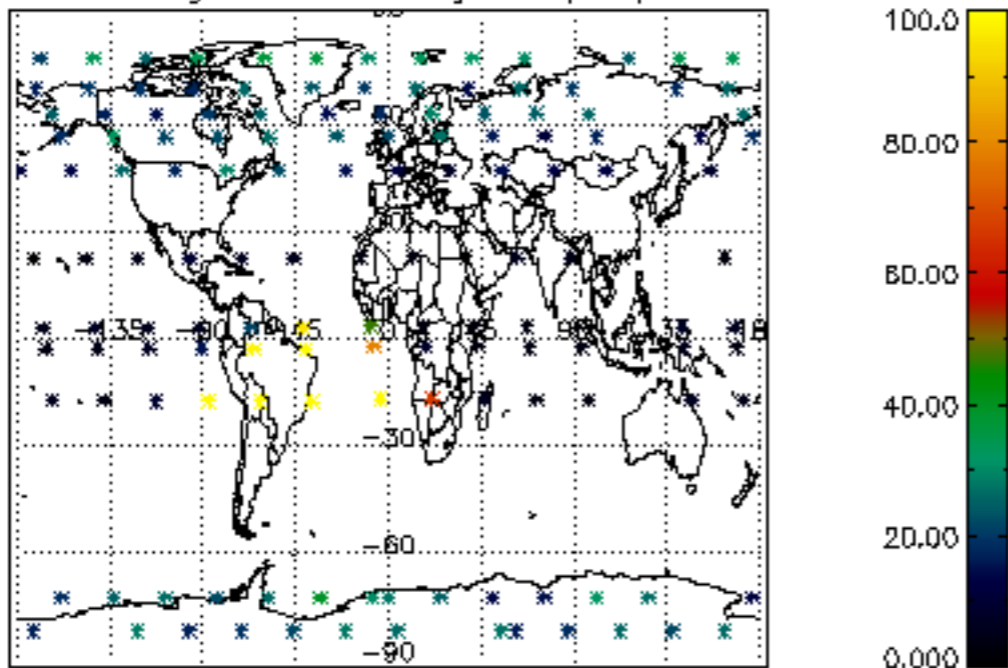
Percentage of flagged data per NO3 profile



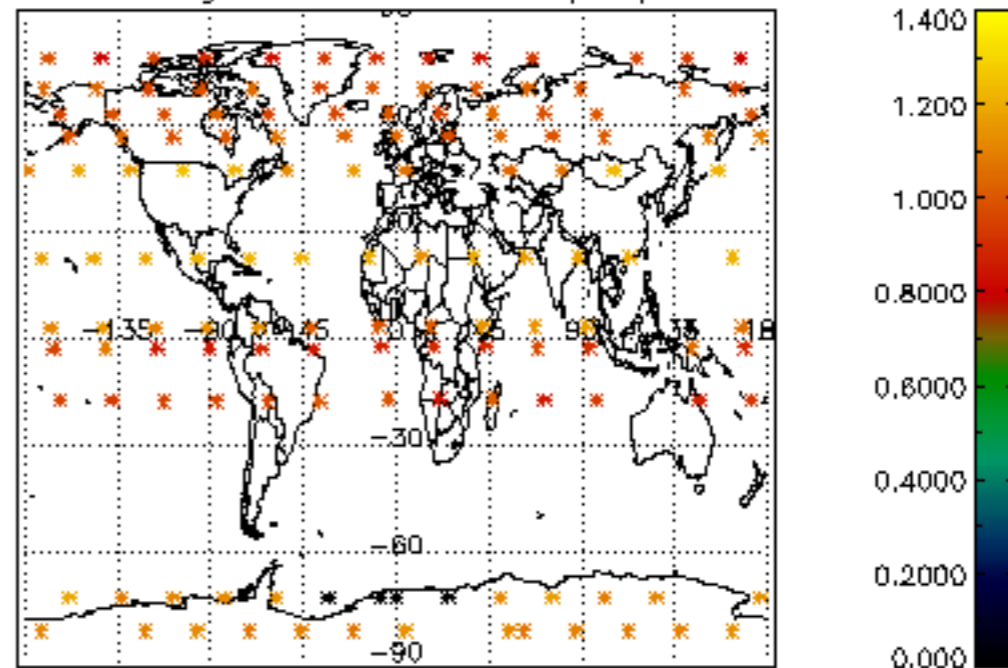




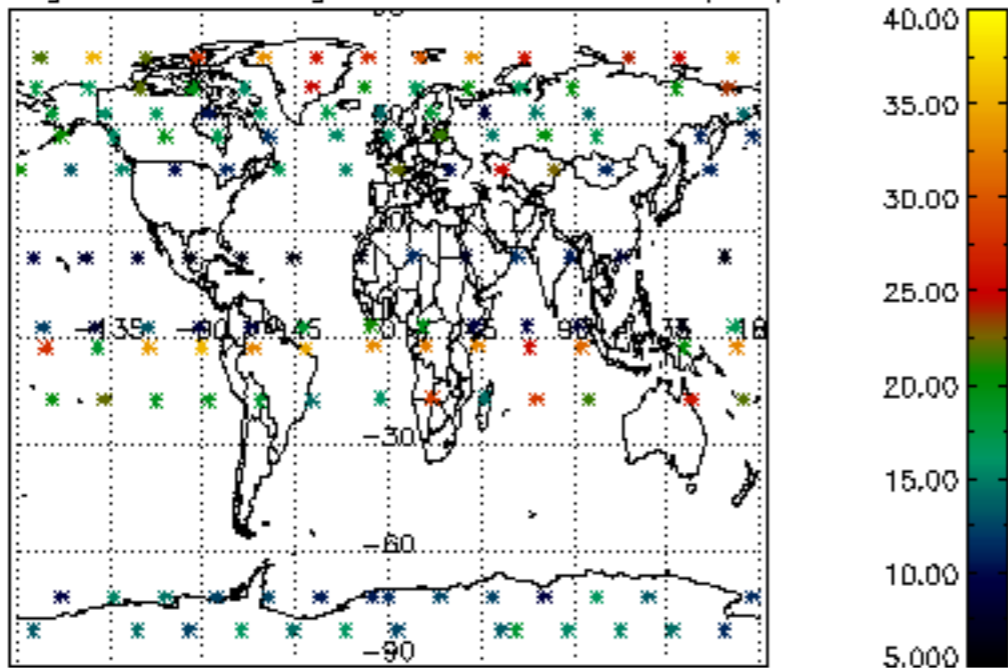
Percentage of cosmic ray hits per profile



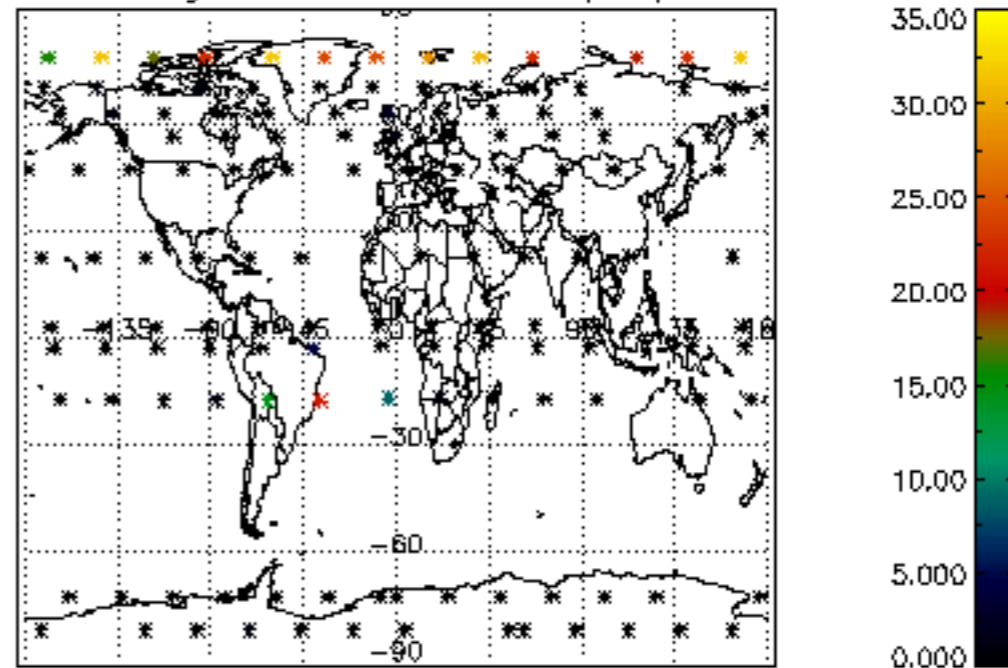
Percentage of datation errors per profile



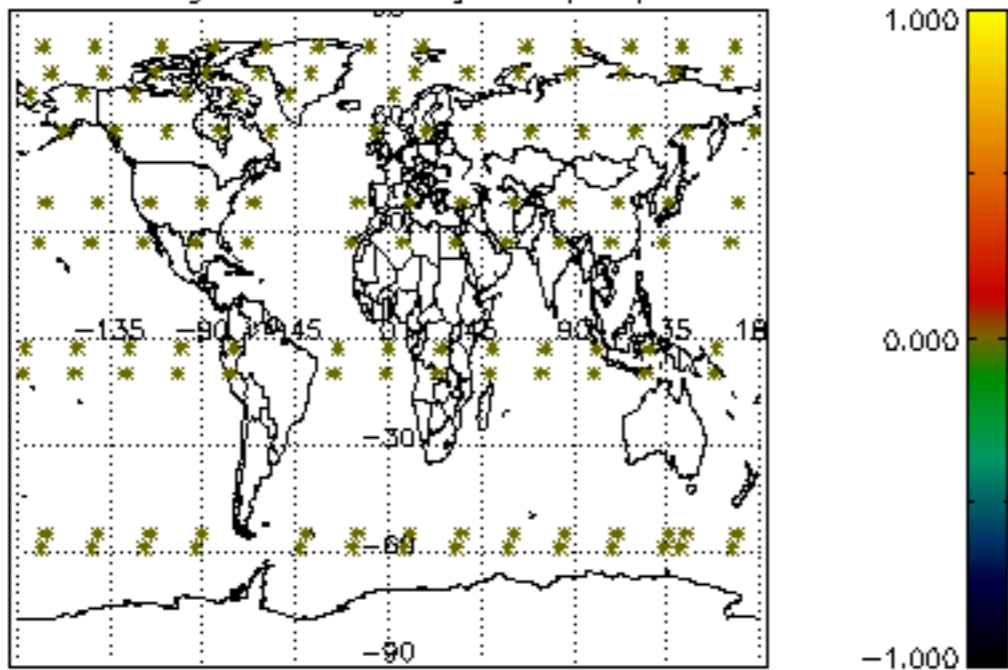
Percentage of star falling outside central band per profile



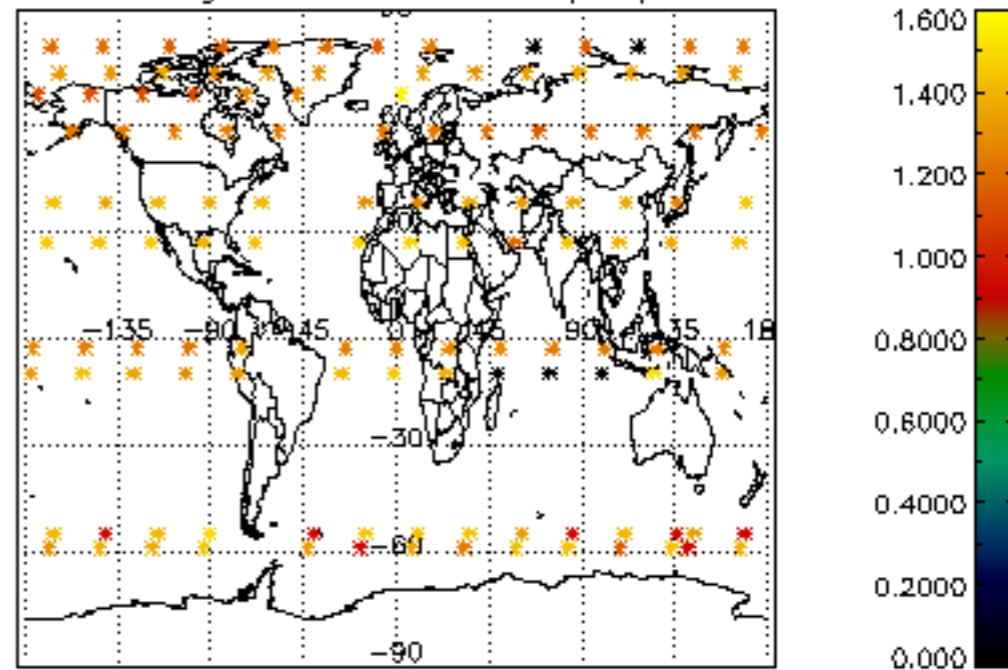
Percentage of saturation errors per profile



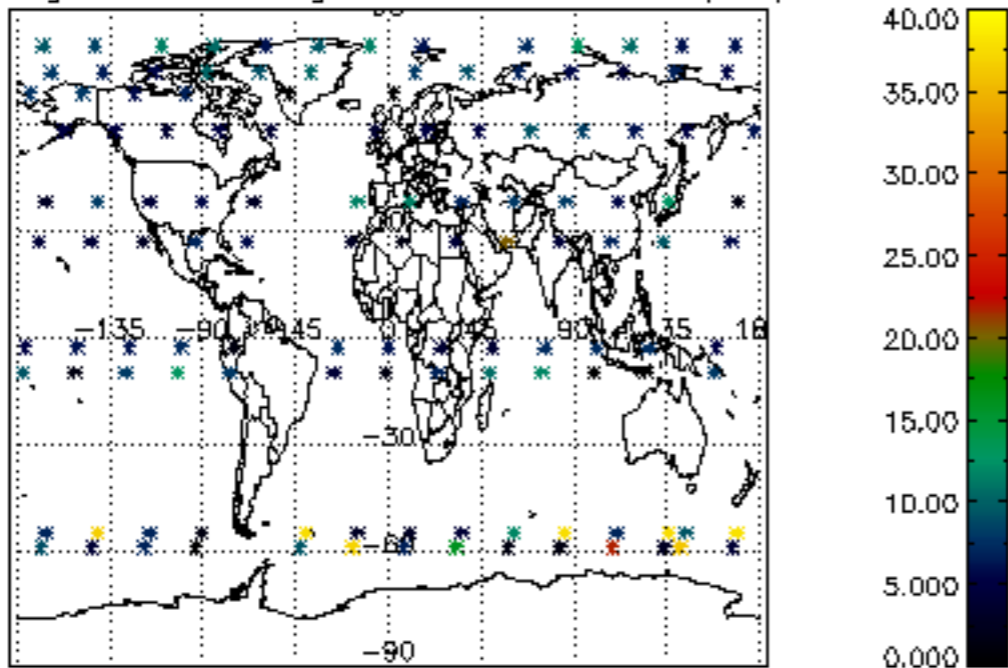
Percentage of cosmic ray hits per profile



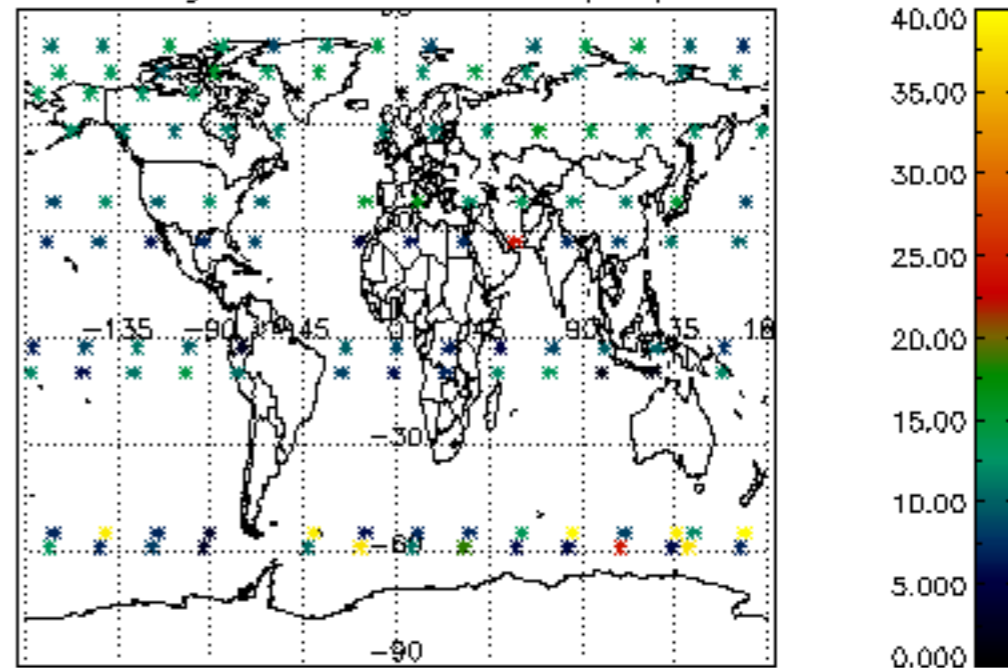
Percentage of datation errors per profile

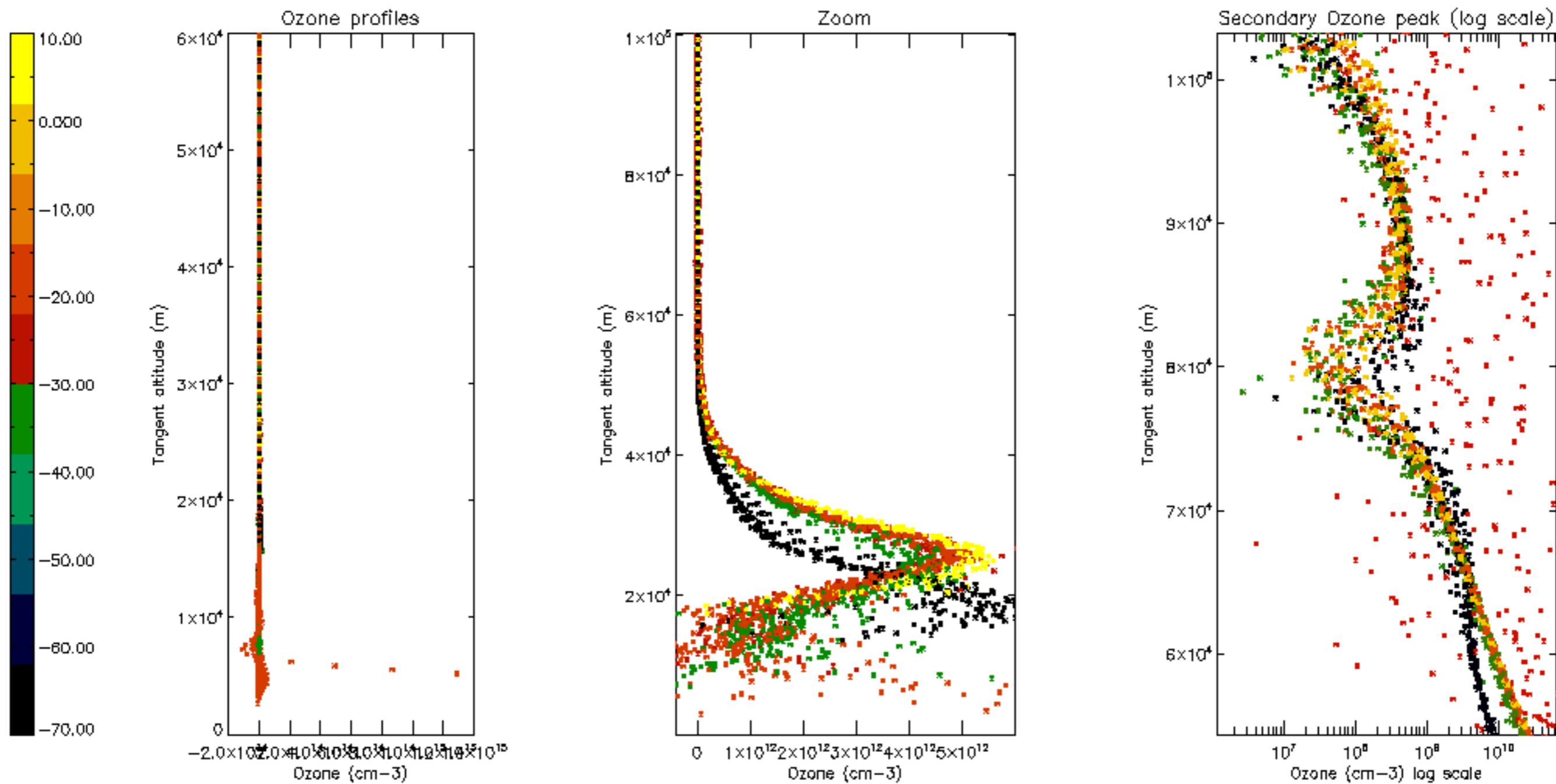


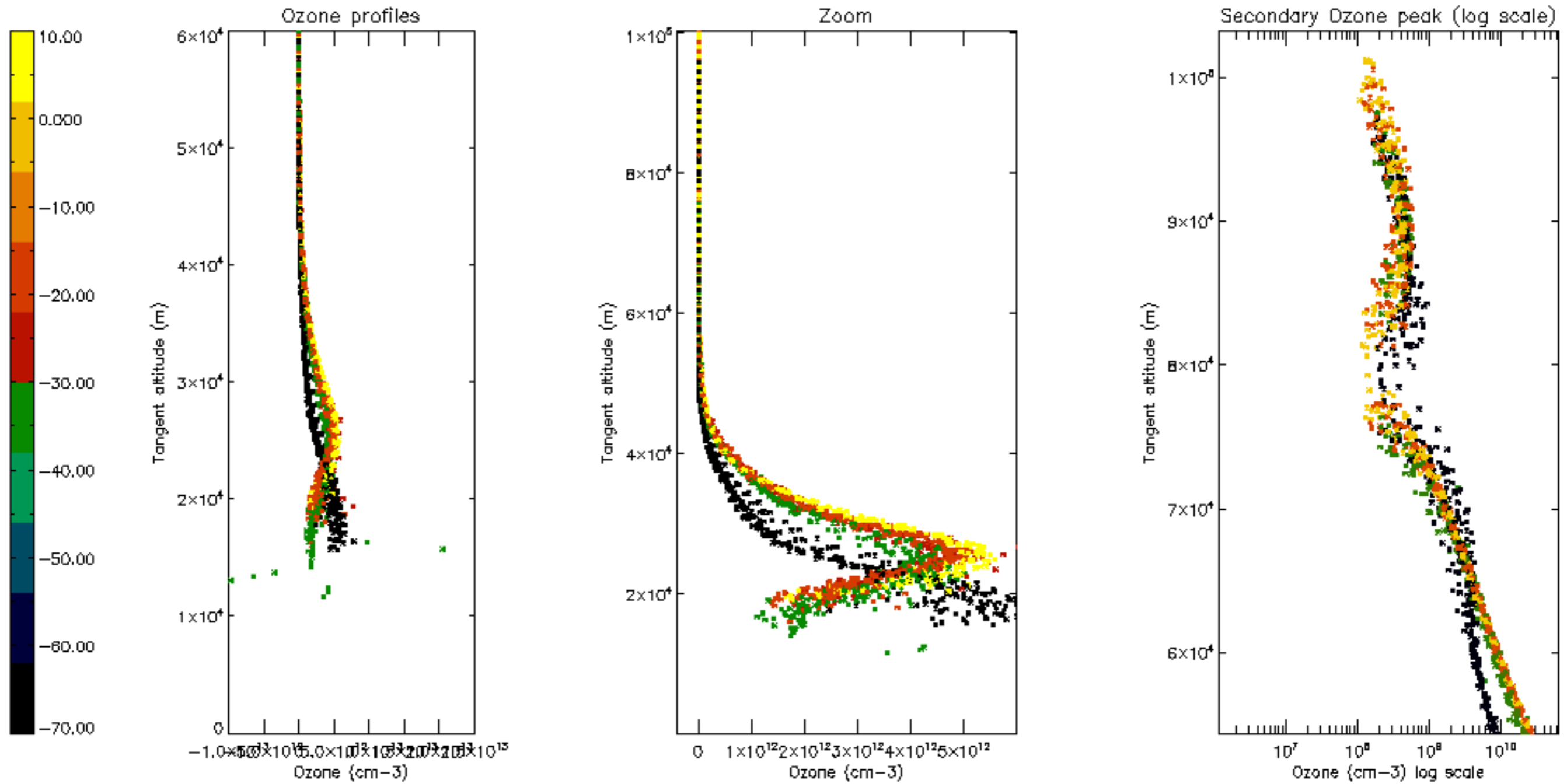
Percentage of star falling outside central band per profile

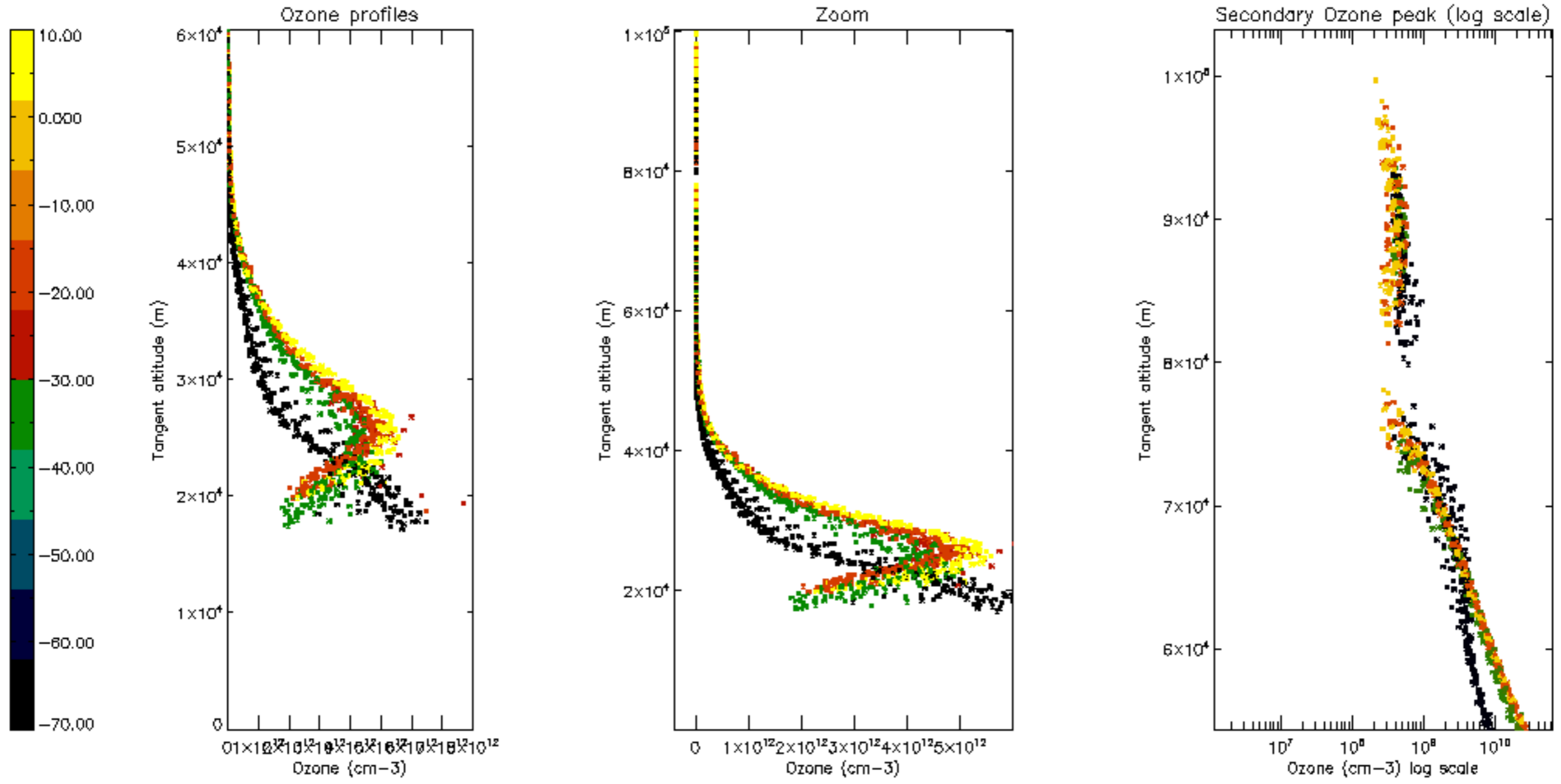


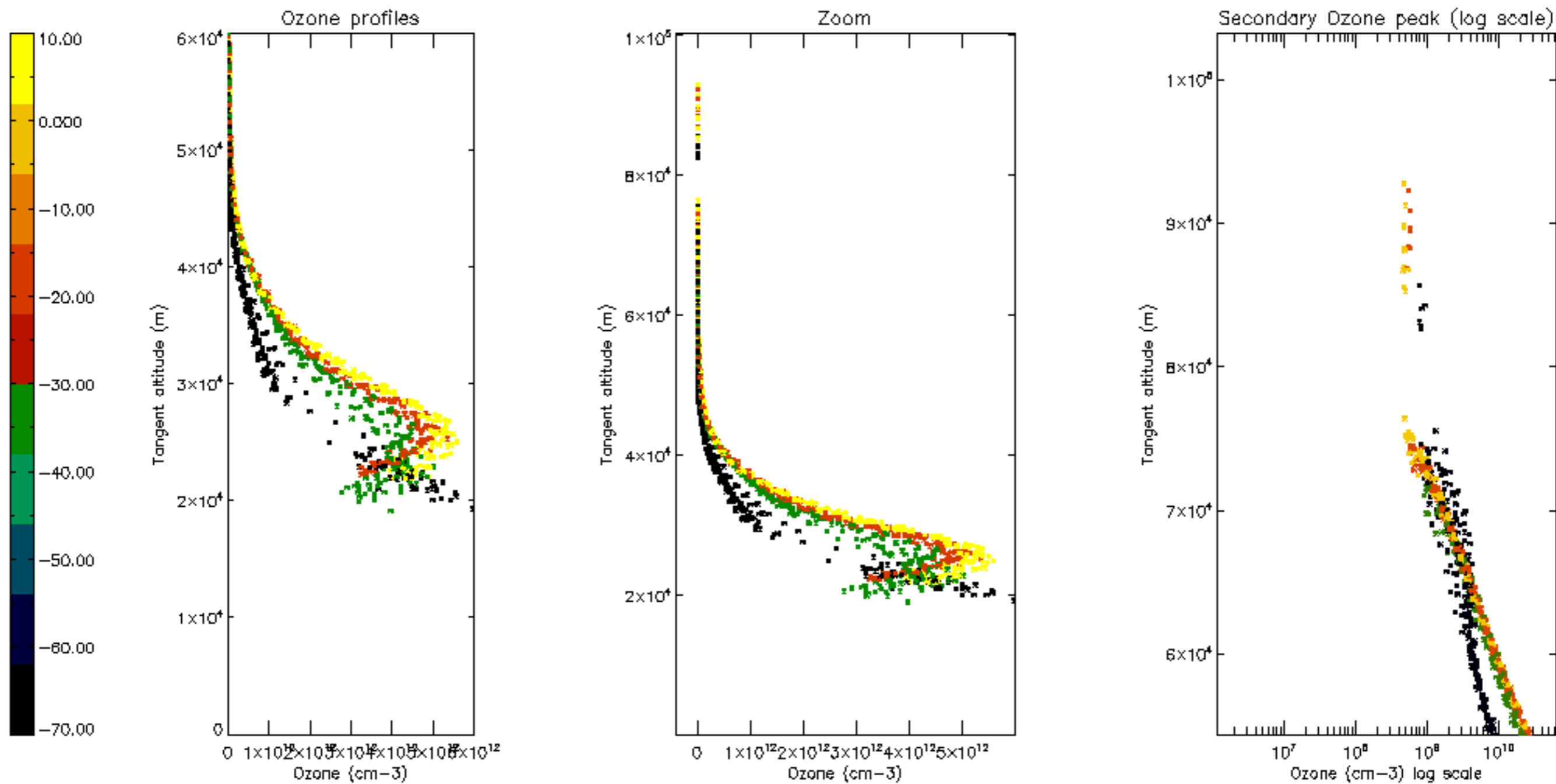
Percentage of saturation errors per profile

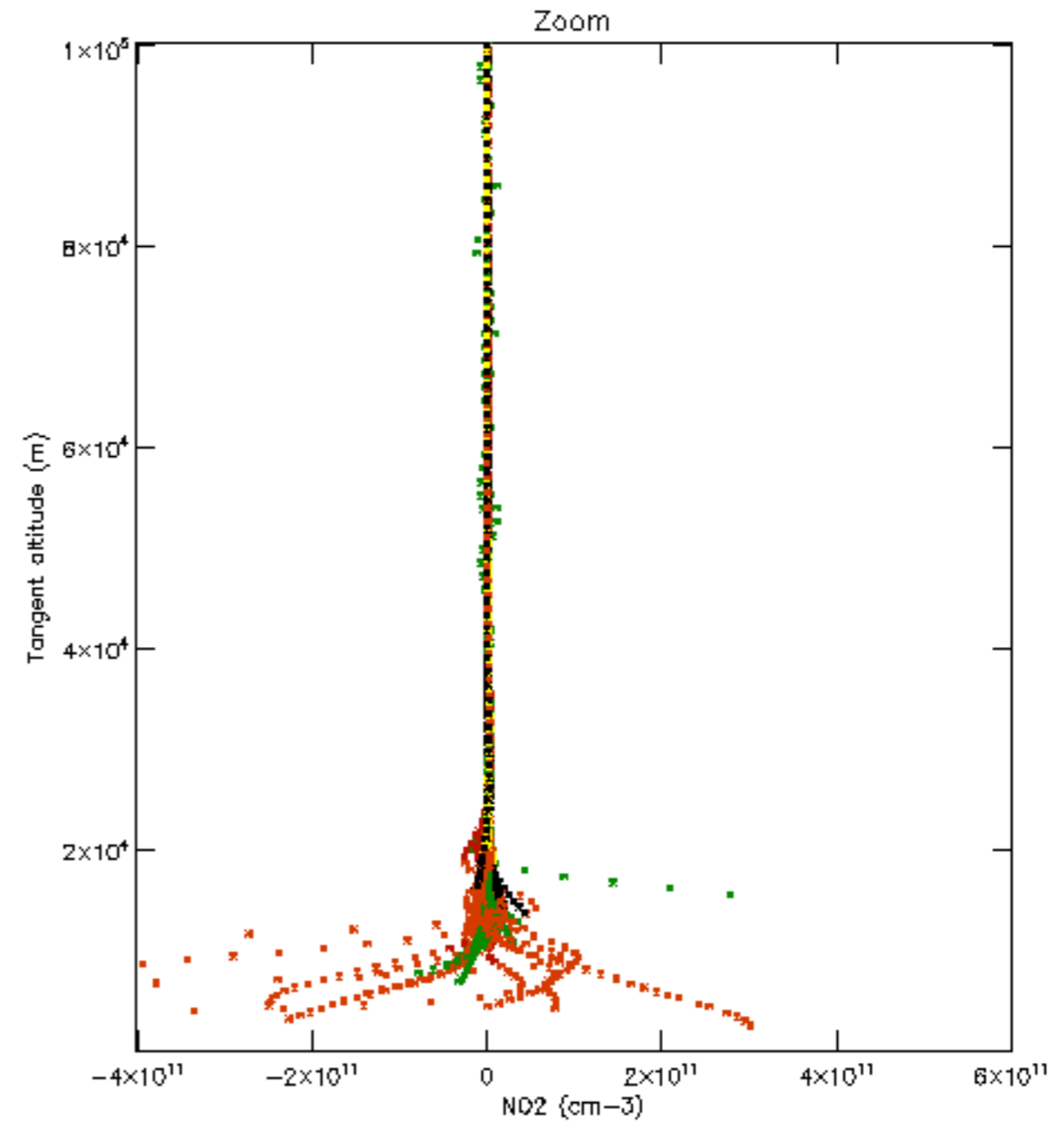
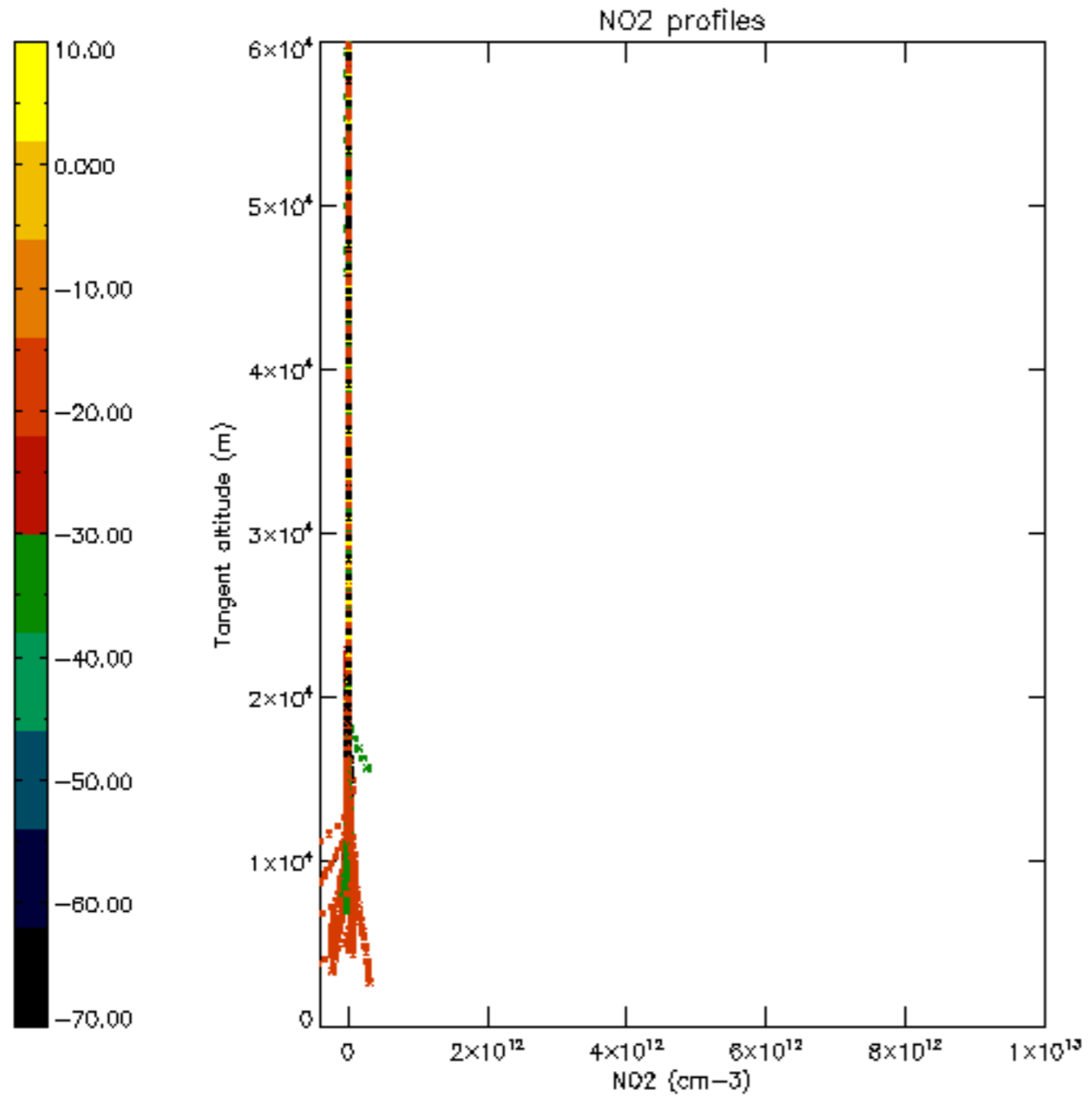


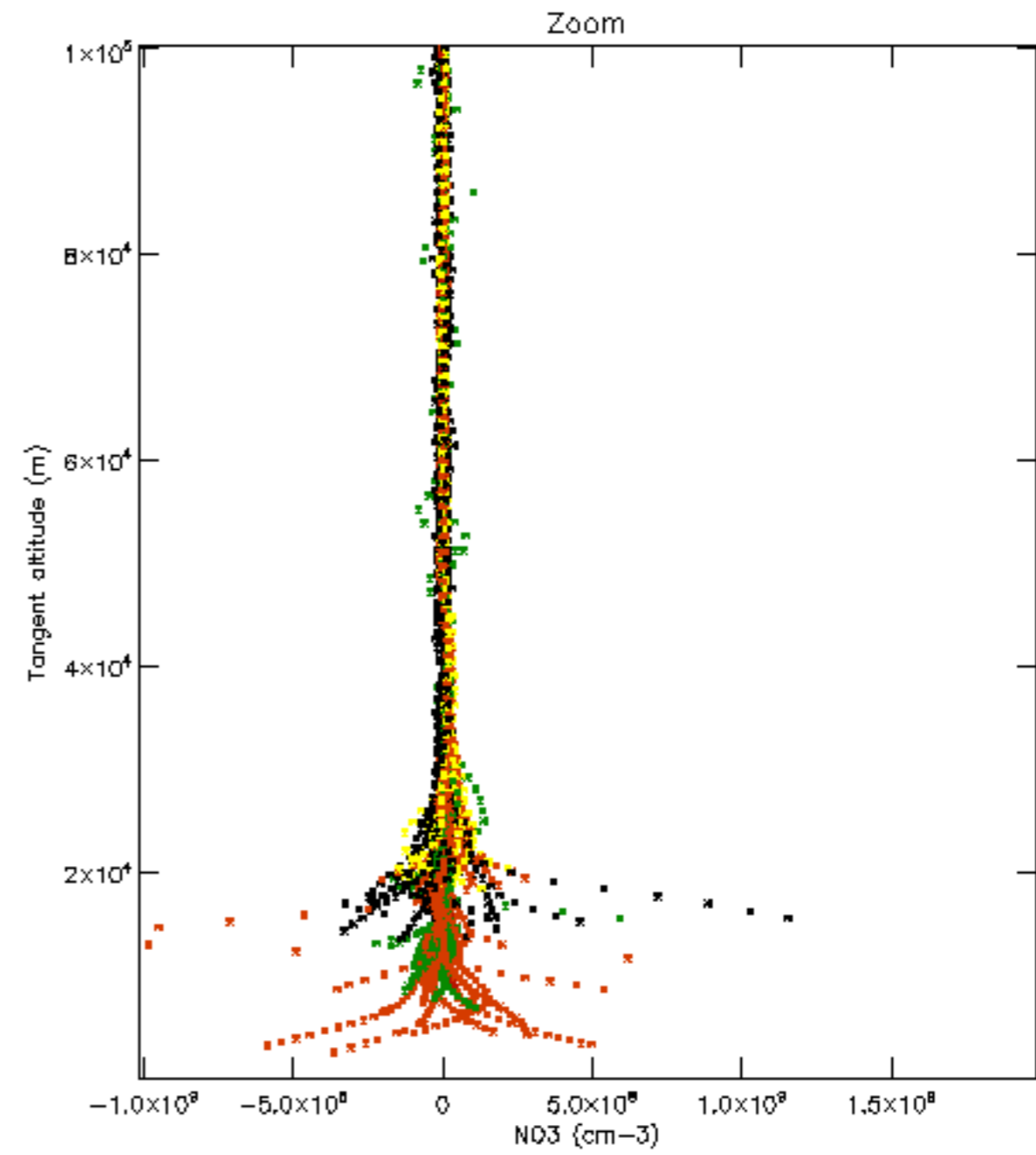
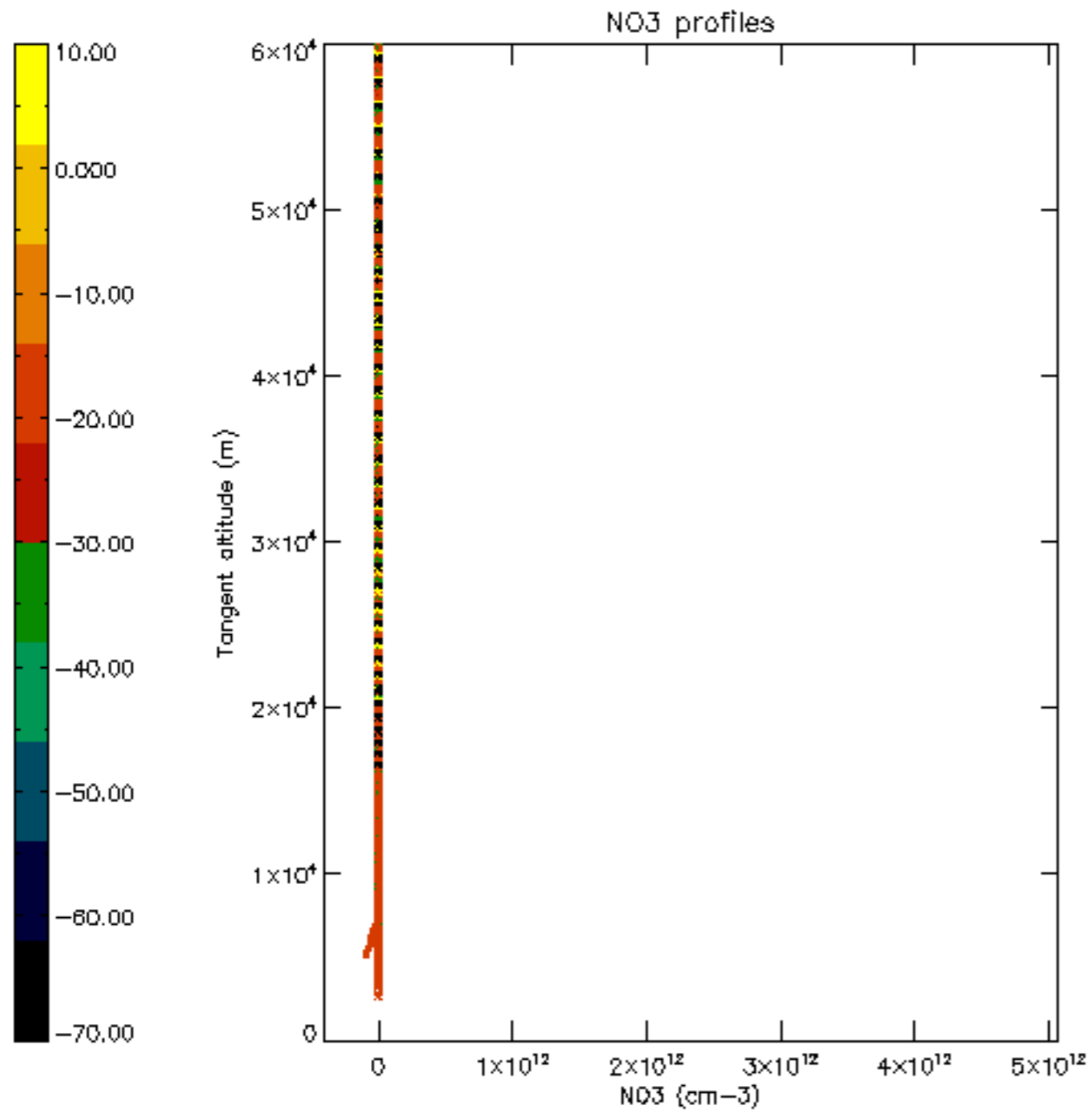


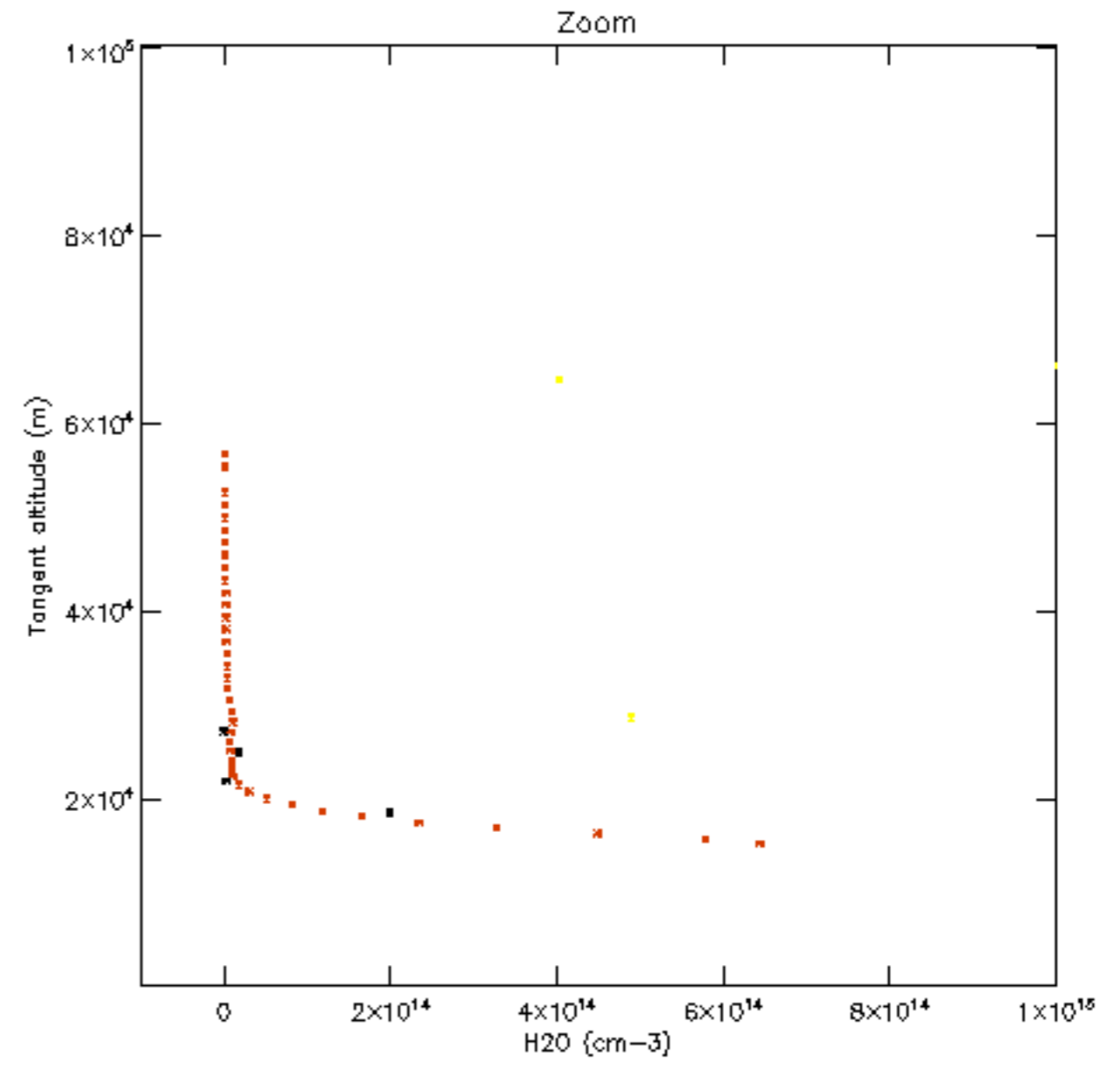
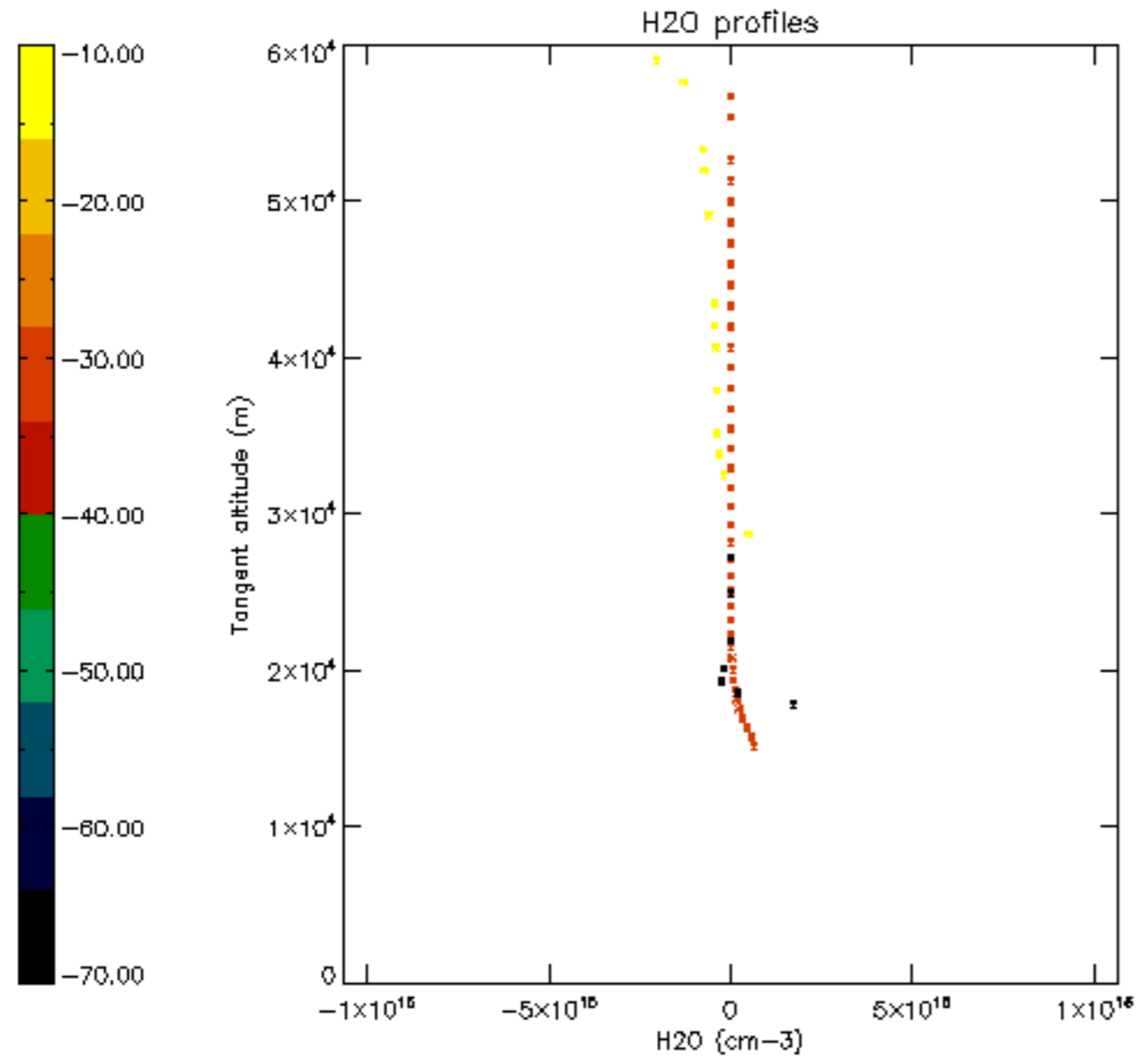


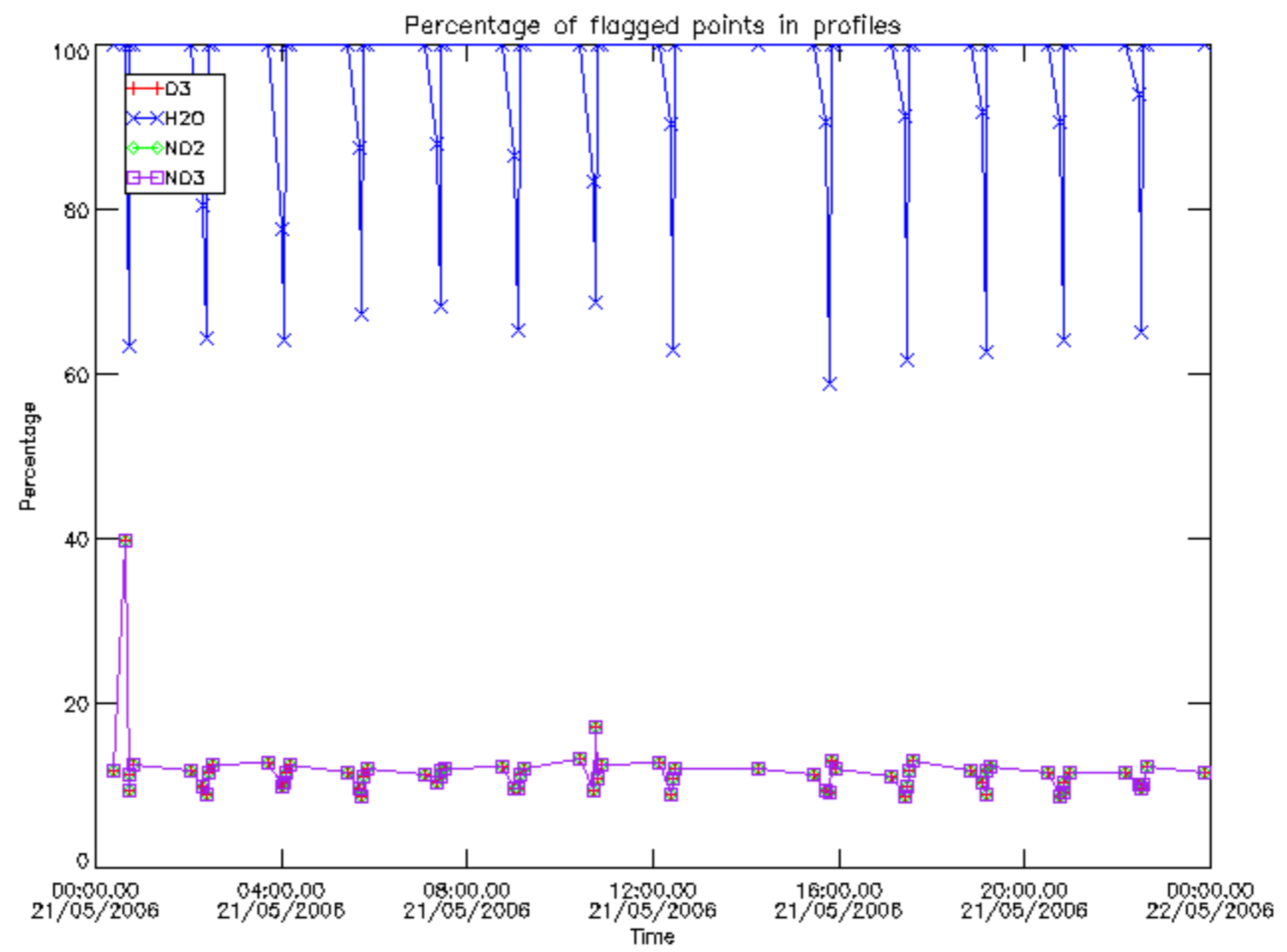




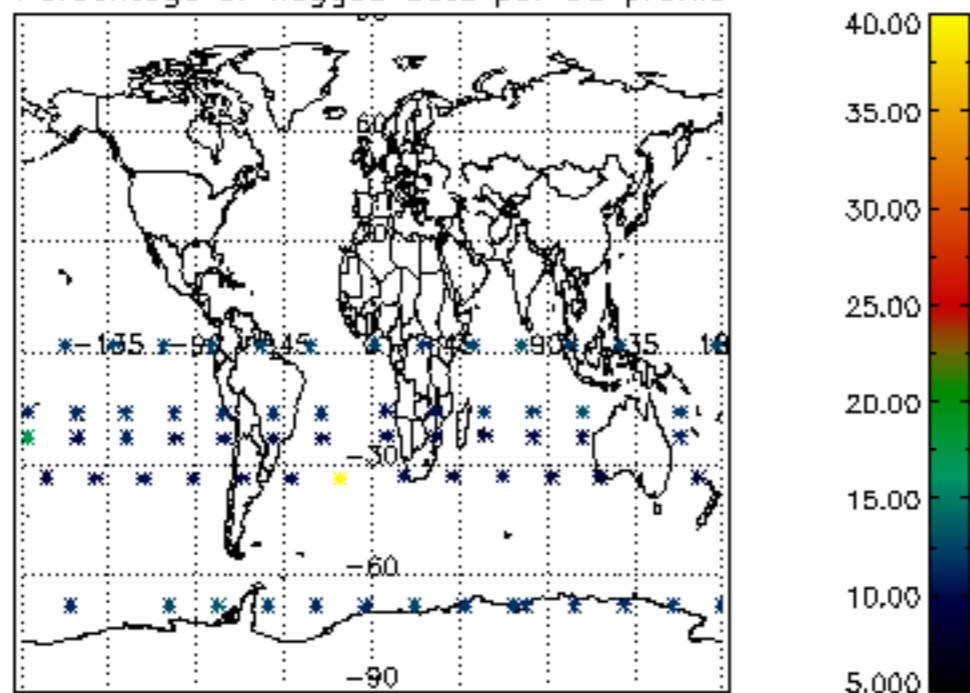




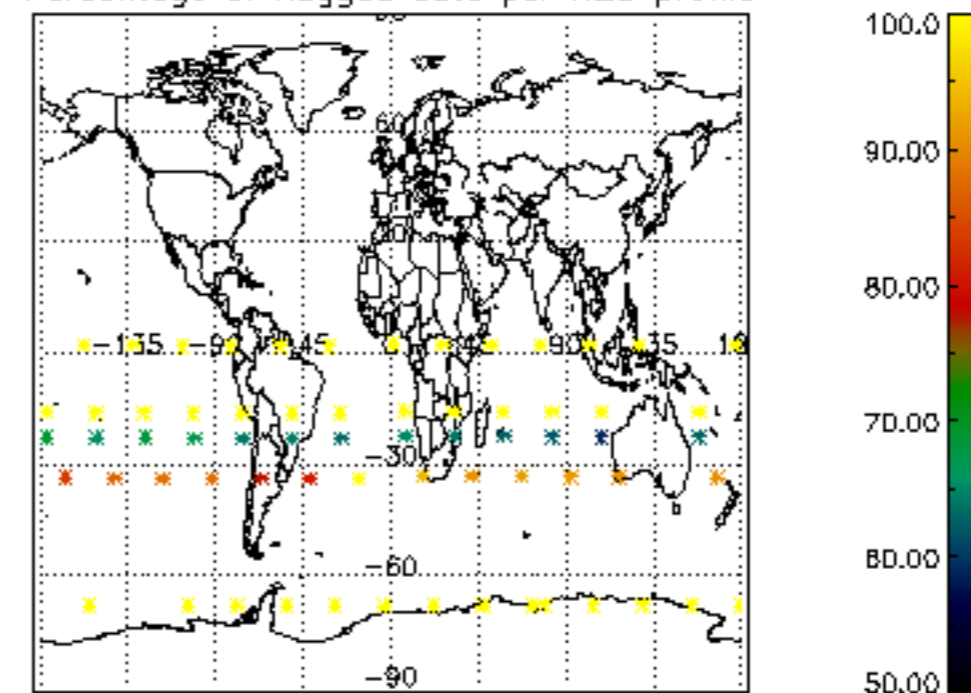




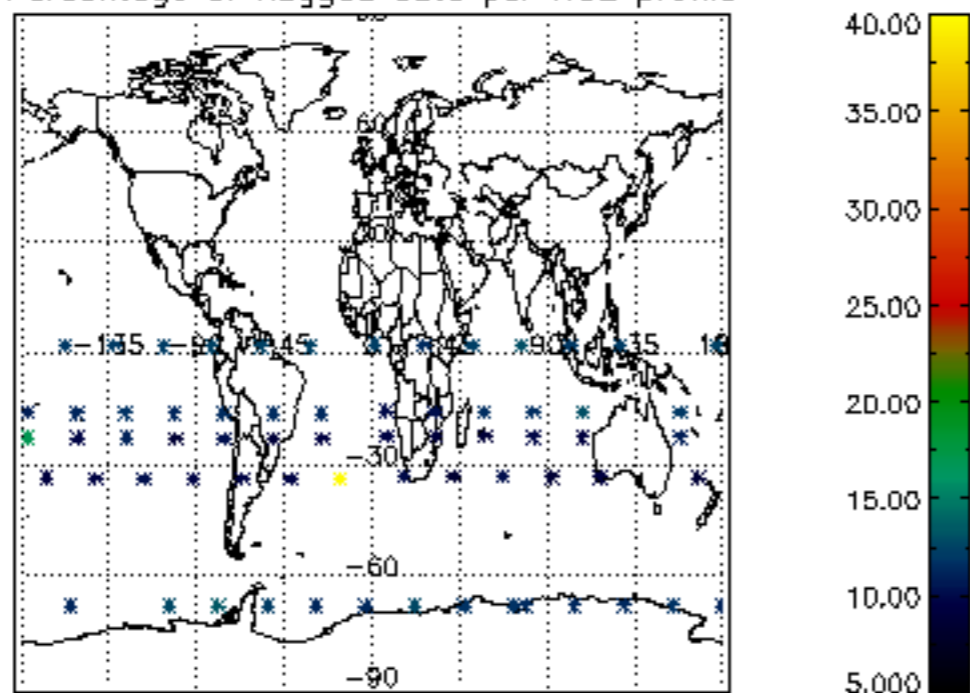
Percentage of flagged data per D3 profile



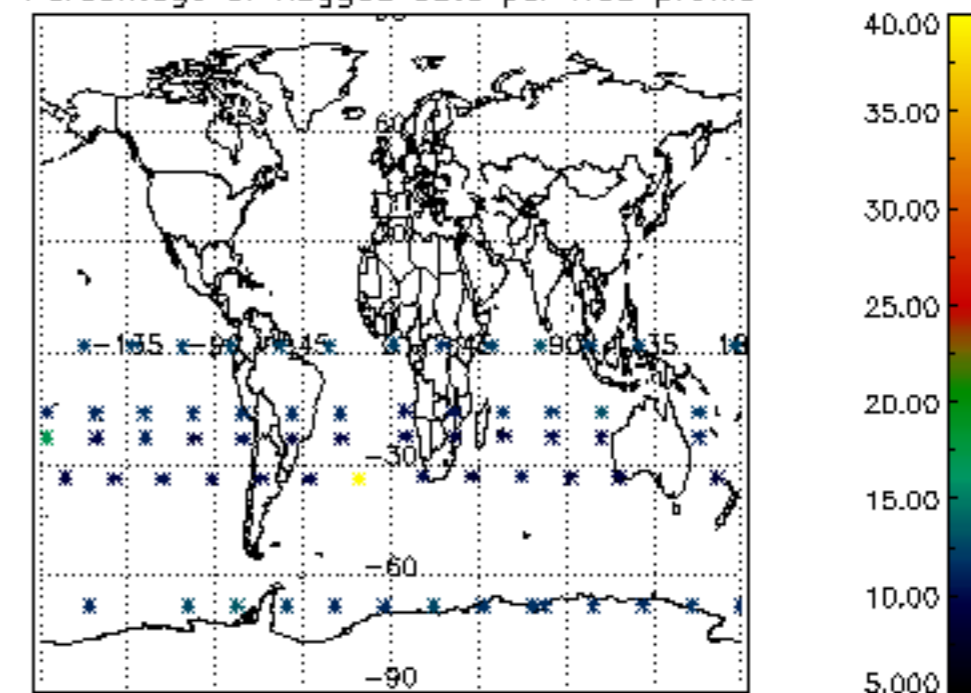
Percentage of flagged data per H2O profile

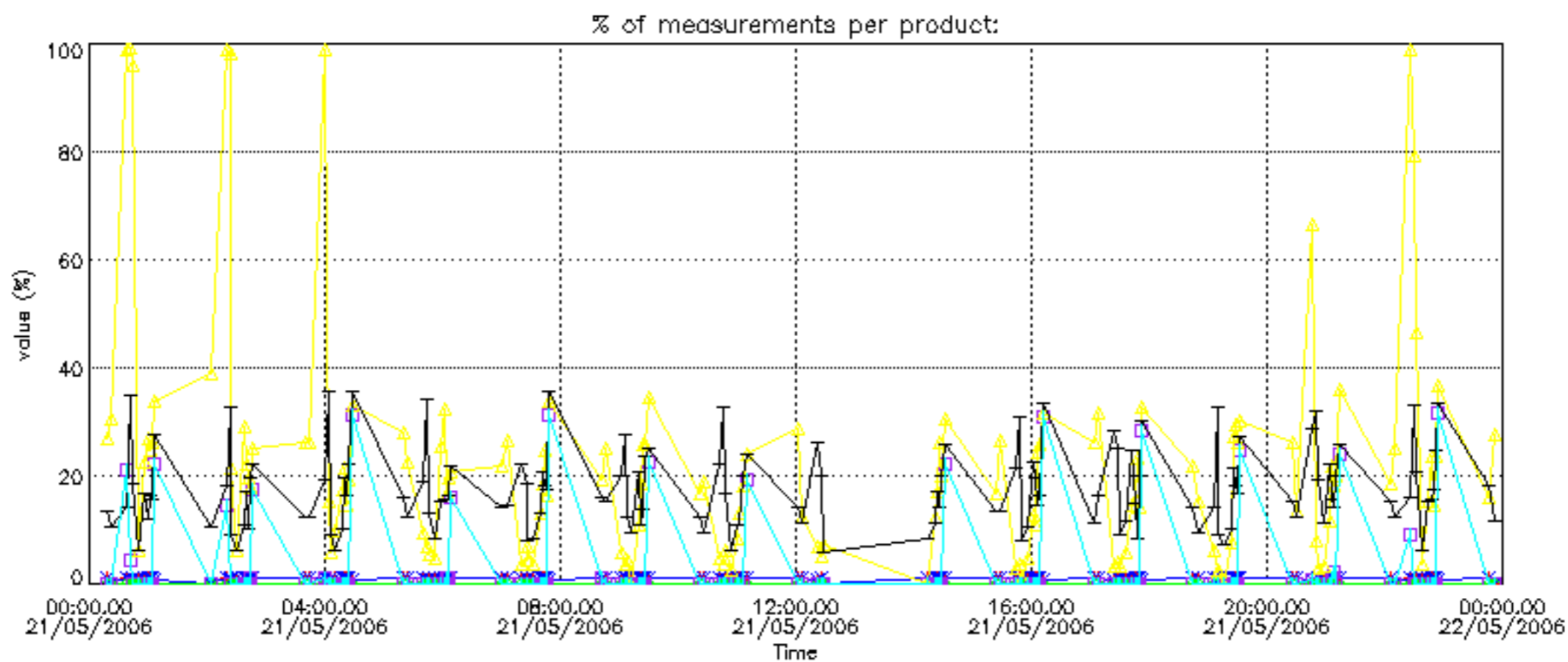


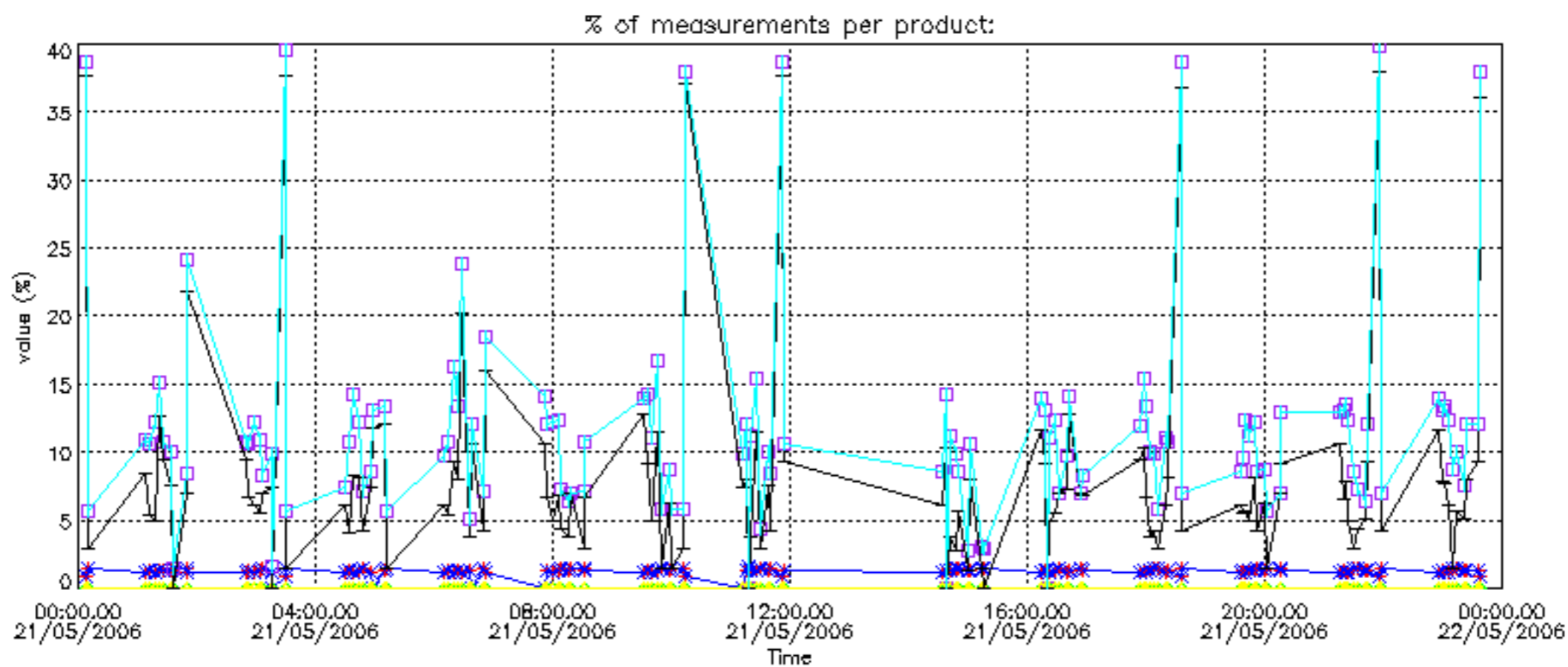
Percentage of flagged data per NO2 profile



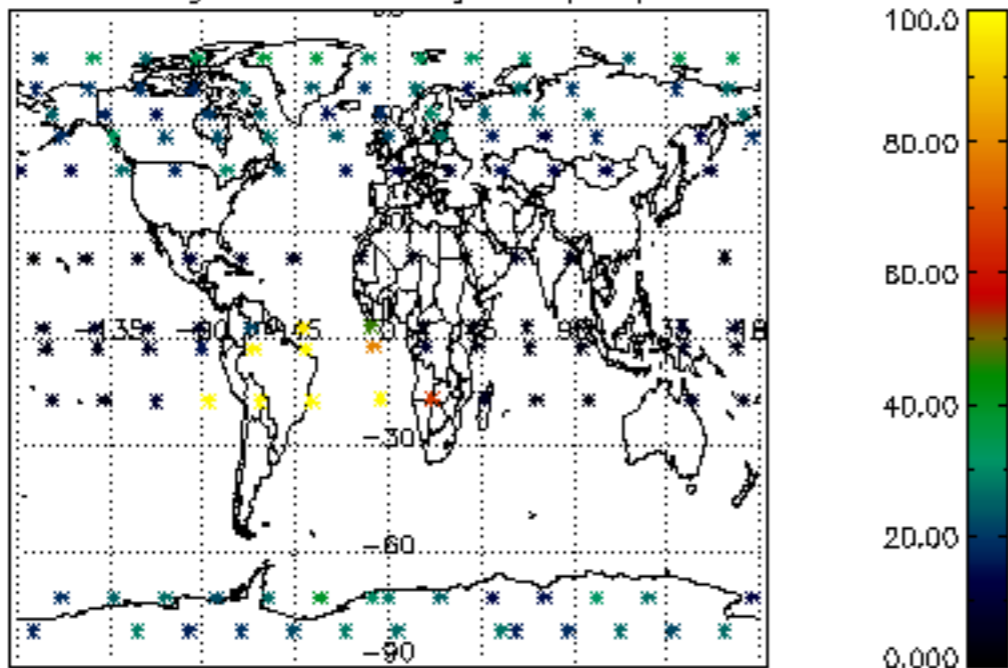
Percentage of flagged data per NO3 profile



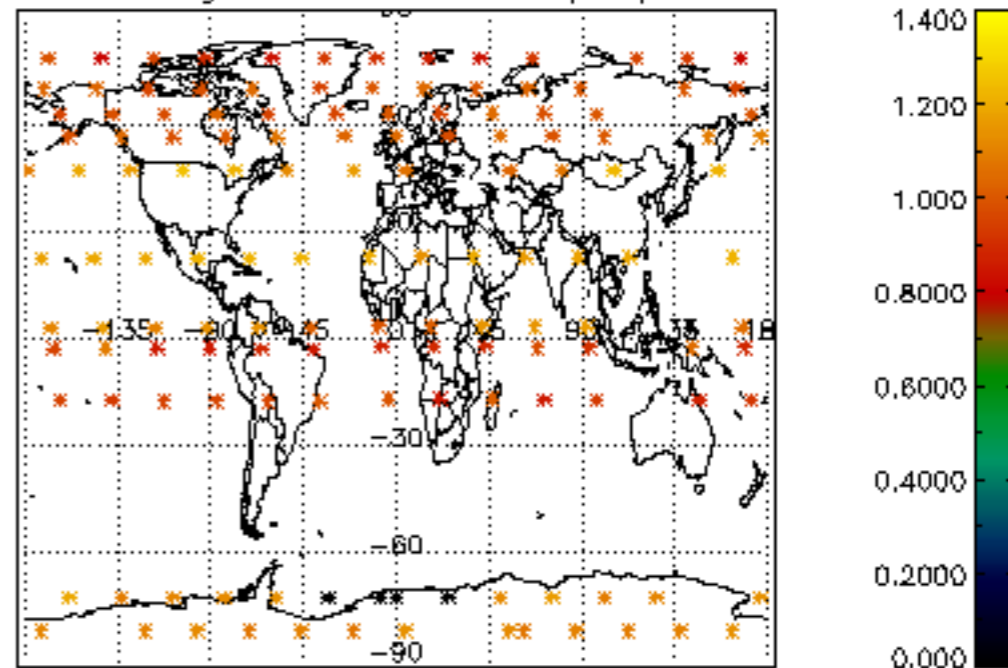




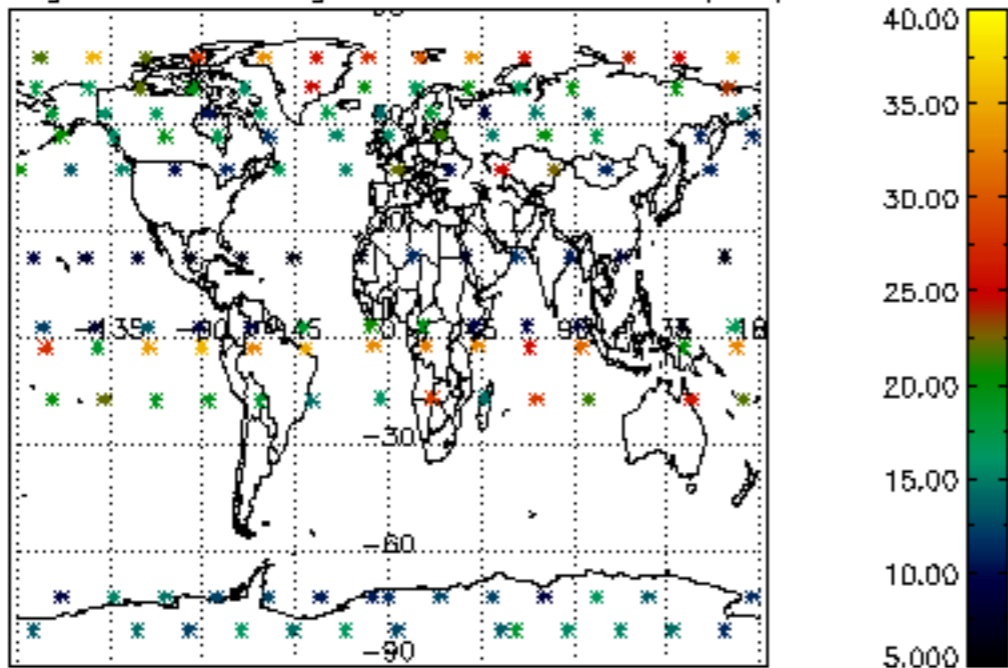
Percentage of cosmic ray hits per profile



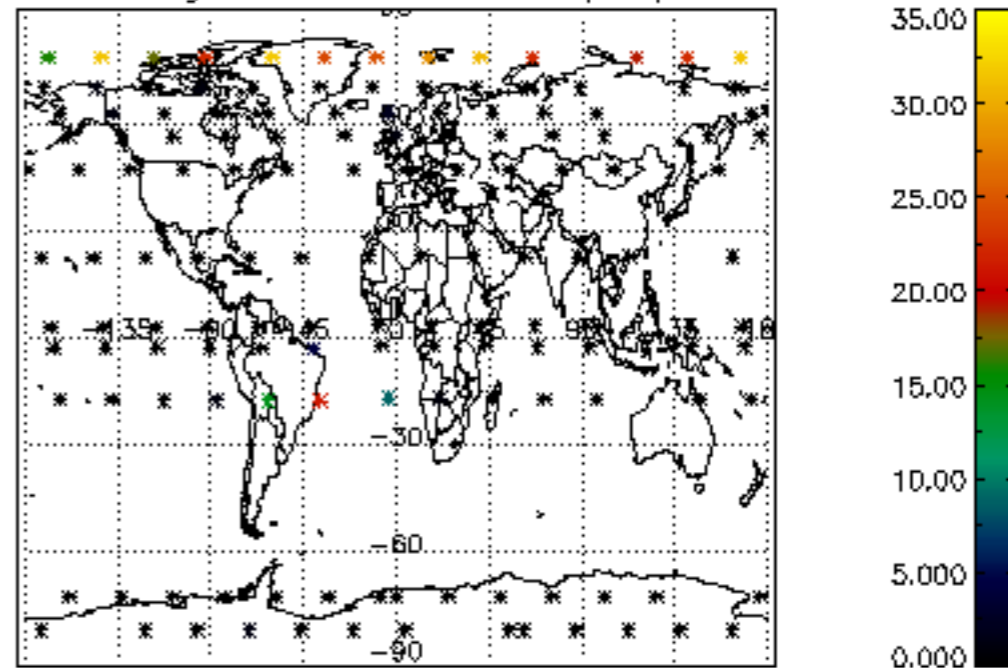
Percentage of datation errors per profile



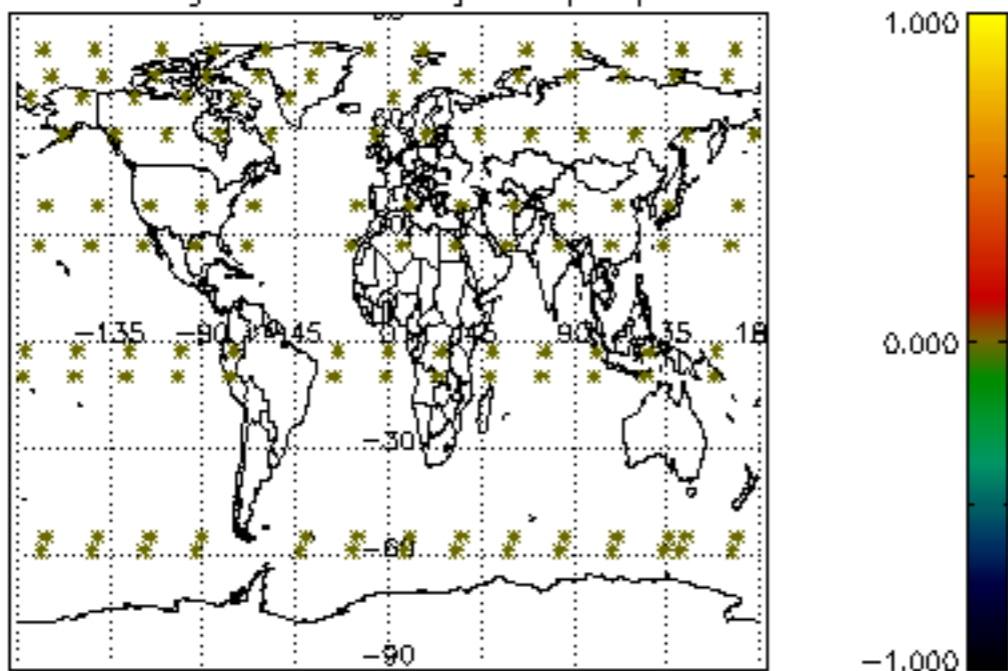
Percentage of star falling outside central band per profile



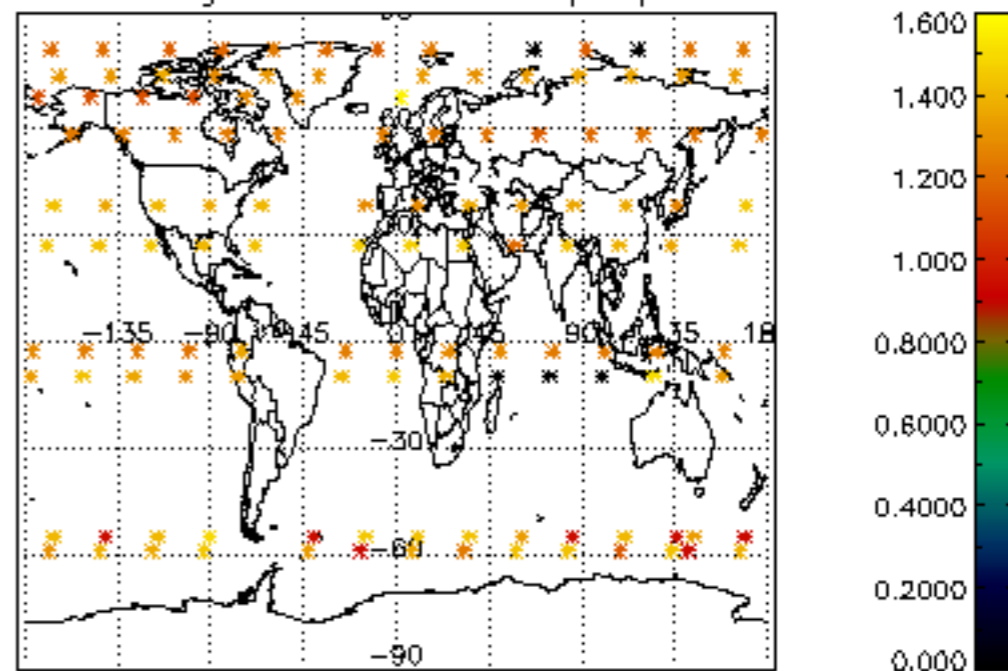
Percentage of saturation errors per profile



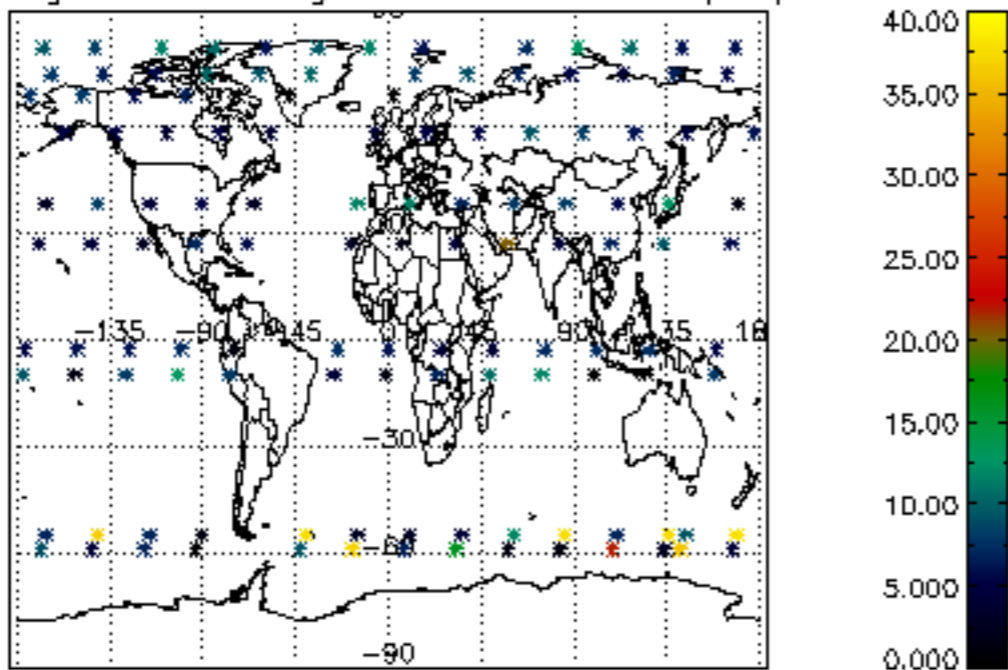
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

