

# 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 23:03:07
Data source version	GOMOS/6.01
Start time of products	03-06-2006 (03JUN2006 00:00:00)
Stop time of products	04-06-2006 (04JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	282
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__2PRFIN20060603_000728_000000442048_00159_22257_0469.N1	03-JUN-2006 00:07:28	Bright	43.500	53	43Bet And	2.0480	3300.0	87	22257	No
2	GOM_NL__2PRFIN20060603_001012_000000562048_00159_22257_0470.N1	03-JUN-2006 00:10:12	Twilight	56.000	58	21Alp And	2.0730	11000.	112	22257	No
3	GOM_NL__2PRFIN20060603_001518_000000532048_00159_22257_0471.N1	03-JUN-2006 00:15:18	Dark	53.000	140	88Gam Peg	2.8340	26000.	106	22257	No
4	GOM_NL__2PRFIN20060603_002419_000000472048_00159_22257_0472.N1	03-JUN-2006 00:24:19	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22257	No
5	GOM_NL__2PRFIN20060603_003318_000000552048_00159_22257_0473.N1	03-JUN-2006 00:33:18	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	22257	No
6	GOM_NL__2PRFIN20060603_003627_000000532048_00160_22258_0454.N1	03-JUN-2006 00:36:27	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	22258	No
7	GOM_NL__2PRFIN20060603_003821_000000442048_00160_22258_0455.N1	03-JUN-2006 00:38:21	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22258	No
8	GOM_NL__2PRFIN20060603_004313_000000432048_00160_22258_0456.N1	03-JUN-2006 00:43:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22258	No
9	GOM_NL__2PRFIN20060603_005215_000000472048_00160_22258_0457.N1	03-JUN-2006 00:52:15	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22258	No
10	GOM_NL__2PRFIN20060603_005402_000000472048_00160_22258_0458.N1	03-JUN-2006 00:54:02	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	22258	No
11	GOM_NL__2PRFIN20060603_005546_000000452048_00160_22258_0459.N1	03-JUN-2006 00:55:46	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22258	No
12	GOM_NL__2PRFIN20060603_005746_000000432048_00160_22258_0460.N1	03-JUN-2006 00:57:46	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22258	No
13	GOM_NL__2PRFIN20060603_010120_000000442048_00160_22258_0461.N1	03-JUN-2006 01:01:20	Bright	44.000	86	35Eta Oph	2.4300	10200.	88	22258	No
14	GOM_NL__2PRFIN20060603_010311_000000482048_00160_22258_0462.N1	03-JUN-2006 01:03:11	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	22258	No
15	GOM_NL__2PRFIN20060603_010521_000000392048_00160_22258_0463.N1	03-JUN-2006 01:05:21	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22258	No
16	GOM_NL__2PRFIN20060603_011321_000000412048_00160_22258_0464.N1	03-JUN-2006 01:13:21	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22258	No
17	GOM_NL__2PRFIN20060603_011643_000000422048_00160_22258_0465.N1	03-JUN-2006 01:16:43	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22258	No
18	GOM_NL__2PRFIN20060603_012445_000000362048_00160_22258_0466.N1	03-JUN-2006 01:24:45	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22258	No
19	GOM_NL__2PRFIN20060603_013500_000000462048_00160_22258_0467.N1	03-JUN-2006 01:35:00	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22258	No
20	GOM_NL__2PRFIN20060603_014014_000000402048_00160_22258_0468.N1	03-JUN-2006 01:40:14	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	22258	No
21	GOM_NL__2PRFIN20060603_014804_000000482048_00160_22258_0469.N1	03-JUN-2006 01:48:04	Bright	48.000	53	43Bet And	2.0480	3300.0	96	22258	No
22	GOM_NL__2PRFIN20060603_015049_000000572048_00160_22258_0470.N1	03-JUN-2006 01:50:49	Twilight	56.500	58	21Alp And	2.0730	11000.	113	22258	No
23	GOM_NL__2PRFIN20060603_015554_000000502048_00160_22258_0471.N1	03-JUN-2006 01:55:54	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	22258	No
24	GOM_NL__2PRFIN20060603_020456_000000492048_00160_22258_0472.N1	03-JUN-2006 02:04:56	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	22258	No
25	GOM_NL__2PRFIN20060603_021356_000000542048_00160_22258_0473.N1	03-JUN-2006 02:13:56	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	22258	No
26	GOM_NL__2PRFIN20060603_021704_000000602048_00161_22259_0455.N1	03-JUN-2006 02:17:04	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	22259	No
27	GOM_NL__2PRFIN20060603_021858_000000462048_00161_22259_0456.N1	03-JUN-2006 02:18:58	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22259	No
28	GOM_NL__2PRFIN20060603_022350_000000432048_00161_22259_0457.N1	03-JUN-2006 02:23:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22259	No
29	GOM_NL__2PRFIN20060603_023251_000000462048_00161_22259_0458.N1	03-JUN-2006 02:32:51	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22259	No
30	GOM_NL__2PRFIN20060603_023439_000000472048_00161_22259_0459.N1	03-JUN-2006 02:34:39	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	22259	No
31	GOM_NL__2PRFIN20060603_023622_000000472048_00161_22259_0460.N1	03-JUN-2006 02:36:22	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22259	No
32	GOM_NL__2PRFIN20060603_023822_000000542048_00161_22259_0461.N1	03-JUN-2006 02:38:22	Bright	53.500	136	23Tau Sco	2.8220	30000.	107	22259	No
33	GOM_NL__2PRFIN20060603_024157_000000442048_00161_22259_0462.N1	03-JUN-2006 02:41:57	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	22259	No
34	GOM_NL__2PRFIN20060603_024347_000000402048_00161_22259_0463.N1	03-JUN-2006 02:43:47	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22259	No
35	GOM_NL__2PRFIN20060603_024557_000000392048_00161_22259_0464.N1	03-JUN-2006 02:45:57	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22259	No
36	GOM_NL__2PRFIN20060603_025356_000000432048_00161_22259_0465.N1	03-JUN-2006 02:53:56	Bright	43.000	127	27Bet Her	2.7810	4700.0	86	22259	No
37	GOM_NL__2PRFIN20060603_025719_000000422048_00161_22259_0466.N1	03-JUN-2006 02:57:19	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22259	No
38	GOM_NL__2PRFIN20060603_030520_000000352048_00161_22259_0467.N1	03-JUN-2006 03:05:20	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	22259	No
39	GOM_NL__2PRFIN20060603_031536_000000462048_00161_22259_0468.N1	03-JUN-2006 03:15:36	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22259	No
40	GOM_NL__2PRFIN20060603_032050_000000372048_00161_22259_0469.N1	03-JUN-2006 03:20:50	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22259	No
41	GOM_NL__2PRFIN20060603_032840_000000492048_00161_22259_0470.N1	03-JUN-2006 03:28:40	Bright	48.500	53	43Bet And	2.0480	3300.0	97	22259	No
42	GOM_NL__2PRFIN20060603_033125_000000572048_00161_22259_0471.N1	03-JUN-2006 03:31:25	Twilight	56.500	58	21Alp And	2.0730	11000.	113	22259	No

43	GOM_NL__2PRFIN20060603_033631_000000512048_00161_22259_0472.N1	03-JUN-2006 03:36:31	Dark	51.000	140	88Gam Peg	2.8340	26000.	102	22259	No
44	GOM_NL__2PRFIN20060603_034533_000000482048_00161_22259_0473.N1	03-JUN-2006 03:45:33	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	22259	No
45	GOM_NL__2PRFIN20060603_035433_000000582048_00161_22259_0474.N1	03-JUN-2006 03:54:33	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	22259	No
46	GOM_NL__2PRFIN20060603_035741_000000472048_00162_22260_0475.N1	03-JUN-2006 03:57:41	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	22260	No
47	GOM_NL__2PRFIN20060603_035935_000000492048_00162_22260_0476.N1	03-JUN-2006 03:59:35	Dark	49.000	31	Alp Gru	1.7340	15200.	98	22260	No
48	GOM_NL__2PRFIN20060603_040426_000000452048_00162_22260_0477.N1	03-JUN-2006 04:04:26	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	22260	No
49	GOM_NL__2PRFIN20060603_041328_000000462048_00162_22260_0478.N1	03-JUN-2006 04:13:28	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22260	No
50	GOM_NL__2PRFIN20060603_041515_000000482048_00162_22260_0479.N1	03-JUN-2006 04:15:15	Tw_i_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	22260	No
51	GOM_NL__2PRFIN20060603_041658_000000442048_00162_22260_0480.N1	03-JUN-2006 04:16:58	Tw_i_and_stray	44.000	75	26Eps Sco	2.2910	4250.0	88	22260	No
52	GOM_NL__2PRFIN20060603_041859_000000412048_00162_22260_0481.N1	03-JUN-2006 04:18:59	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	22260	No
53	GOM_NL__2PRFIN20060603_042233_000000442048_00162_22260_0482.N1	03-JUN-2006 04:22:33	Bright	44.000	86	35Eta Oph	2.4300	10200.	88	22260	No
54	GOM_NL__2PRFIN20060603_042423_000000402048_00162_22260_0483.N1	03-JUN-2006 04:24:23	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	22260	No
55	GOM_NL__2PRFIN20060603_042633_000000392048_00162_22260_0484.N1	03-JUN-2006 04:26:33	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	22260	No
56	GOM_NL__2PRFIN20060603_043432_000000602048_00162_22260_0485.N1	03-JUN-2006 04:34:32	Bright	60.000	127	27Bet Her	2.7810	4700.0	120	22260	No
57	GOM_NL__2PRFIN20060603_043755_000000402048_00162_22260_0486.N1	03-JUN-2006 04:37:55	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22260	No
58	GOM_NL__2PRFIN20060603_044556_000000382048_00162_22260_0487.N1	03-JUN-2006 04:45:56	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	22260	No
59	GOM_NL__2PRFIN20060603_045611_000000472048_00162_22260_0488.N1	03-JUN-2006 04:56:11	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	22260	No
60	GOM_NL__2PRFIN20060603_050126_000000502048_00162_22260_0489.N1	03-JUN-2006 05:01:26	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	22260	No
61	GOM_NL__2PRFIN20060603_050916_000000442048_00162_22260_0490.N1	03-JUN-2006 05:09:16	Bright	44.000	53	43Bet And	2.0480	3300.0	88	22260	No
62	GOM_NL__2PRFIN20060603_051201_000000572048_00162_22260_0491.N1	03-JUN-2006 05:12:01	Tw_i_and_stray	57.000	58	21Alp And	2.0730	11000.	114	22260	No
63	GOM_NL__2PRFIN20060603_051707_000000542048_00162_22260_0492.N1	03-JUN-2006 05:17:07	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	22260	No
64	GOM_NL__2PRFIN20060603_052609_000000492048_00162_22260_0493.N1	03-JUN-2006 05:26:09	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22260	No
65	GOM_NL__2PRFIN20060603_053510_000000692048_00162_22260_0494.N1	03-JUN-2006 05:35:10	Dark	68.500	18	24Alp PsA	1.1660	9700.0	137	22260	No
66	GOM_NL__2PRFIN20060603_053817_000000632048_00163_22261_0476.N1	03-JUN-2006 05:38:17	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	22261	No
67	GOM_NL__2PRFIN20060603_054012_000000462048_00163_22261_0477.N1	03-JUN-2006 05:40:12	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22261	No
68	GOM_NL__2PRFIN20060603_054503_000000412048_00163_22261_0478.N1	03-JUN-2006 05:45:03	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22261	No
69	GOM_NL__2PRFIN20060603_055404_000000432048_00163_22261_0479.N1	03-JUN-2006 05:54:04	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22261	No
70	GOM_NL__2PRFIN20060603_055551_000000462048_00163_22261_0480.N1	03-JUN-2006 05:55:51	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	22261	No
71	GOM_NL__2PRFIN20060603_055734_000000432048_00163_22261_0481.N1	03-JUN-2006 05:57:34	Tw_i_and_stray	43.000	75	26Eps Sco	2.2910	4250.0	86	22261	No
72	GOM_NL__2PRFIN20060603_055935_000000432048_00163_22261_0482.N1	03-JUN-2006 05:59:35	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22261	No
73	GOM_NL__2PRFIN20060603_060309_000000452048_00163_22261_0483.N1	03-JUN-2006 06:03:09	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	22261	No
74	GOM_NL__2PRFIN20060603_060459_000000422048_00163_22261_0484.N1	03-JUN-2006 06:04:59	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22261	No
75	GOM_NL__2PRFIN20060603_060709_000000392048_00163_22261_0485.N1	03-JUN-2006 06:07:09	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22261	No
76	GOM_NL__2PRFIN20060603_061508_000000422048_00163_22261_0486.N1	03-JUN-2006 06:15:08	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	22261	No
77	GOM_NL__2PRFIN20060603_061830_000000422048_00163_22261_0487.N1	03-JUN-2006 06:18:30	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22261	No
78	GOM_NL__2PRFIN20060603_062632_000000372048_00163_22261_0488.N1	03-JUN-2006 06:26:32	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22261	No
79	GOM_NL__2PRFIN20060603_063646_000000482048_00163_22261_0489.N1	03-JUN-2006 06:36:46	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	22261	No
80	GOM_NL__2PRFIN20060603_064202_000000482048_00163_22261_0490.N1	03-JUN-2006 06:42:02	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	22261	No
81	GOM_NL__2PRFIN20060603_064952_000000582048_00163_22261_0491.N1	03-JUN-2006 06:49:52	Bright	58.000	53	43Bet And	2.0480	3300.0	116	22261	No
82	GOM_NL__2PRFIN20060603_065237_000000542048_00163_22261_0492.N1	03-JUN-2006 06:52:37	Tw_i_and_stray	54.000	58	21Alp And	2.0730	11000.	108	22261	No
83	GOM_NL__2PRFIN20060603_065744_000000542048_00163_22261_0493.N1	03-JUN-2006 06:57:44	Dark	54.000	140	88Gam Peg	2.8340	26000.	108	22261	No
84	GOM_NL__2PRFIN20060603_070646_000000462048_00163_22261_0494.N1	03-JUN-2006 07:06:46	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22261	No
85	GOM_NL__2PRFIN20060603_071548_000000552048_00163_22261_0495.N1	03-JUN-2006 07:15:48	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	22261	No
86	GOM_NL__2PRFIN20060603_071854_000000622048_00164_22262_0476.N1	03-JUN-2006 07:18:54	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	22262	No
87	GOM_NL__2PRFIN20060603_072049_000000472048_00164_22262_0477.N1	03-JUN-2006 07:20:49	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22262	No
88	GOM_NL__2PRFIN20060603_072540_000000422048_00164_22262_0478.N1	03-JUN-2006 07:25:40	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22262	No
89	GOM_NL__2PRFIN20060603_073441_000000462048_00164_22262_0479.N1	03-JUN-2006 07:34:41	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22262	No
90	GOM_NL__2PRFIN20060603_073628_000000472048_00164_22262_0480.N1	03-JUN-2006 07:36:28	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	22262	No
91	GOM_NL__2PRFIN20060603_073811_000000462048_00164_22262_0481.N1	03-JUN-2006 07:38:11	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	22262	No
92	GOM_NL__2PRFIN20060603_074011_000000482048_00164_22262_0482.N1	03-JUN-2006 07:40:11	Bright	47.500	136	23Tau Sco	2.8220	30000.	95	22262	No
93	GOM_NL__2PRFIN20060603_074345_000000452048_00164_22262_0483.N1	03-JUN-2006 07:43:45	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	22262	No
94	GOM_NL__2PRFIN20060603_074535_000000402048_00164_22262_0484.N1	03-JUN-2006 07:45:35	Bright	40.000	98	13Zet Oph	2.5710	30000.	80	22262	No
95	GOM_NL__2PRFIN20060603_074745_000000392048_00164_22262_0485.N1	03-JUN-2006 07:47:45	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22262	No
96	GOM_NL__2PRFIN20060603_075544_000000422048_00164_22262_0486.N1	03-JUN-2006 07:55:44	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	22262	No
97	GOM_NL__2PRFIN20060603_075906_000000412048_00164_22262_0487.N1	03-JUN-2006 07:59:06	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	22262	No
98	GOM_NL__2PRFIN20060603_080708_000000372048_00164_22262_0488.N1	03-JUN-2006 08:07:08	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22262	No
99	GOM_NL__2PRFIN20060603_081722_000000462048_00164_22262_0489.N1	03-JUN-2006 08:17:22	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22262	No
100	GOM_NL__2PRFIN20060603_082238_000000362048_00164_22262_0490.N1	03-JUN-2006 08:22:38	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	22262	No
101	GOM_NL__2PRFIN20060603_083028_000000532048_00164_22262_0491.N1	03-JUN-2006 08:30:28	Bright	53.000	53	43Bet And	2.0480	3300.0	106	22262	No

102	GOM_NL__2PRFIN20060603_083314_000000542048_00164_22262_0492.N1	03-JUN-2006 08:33:14	Twilight	54.000	58	21Alp And	2.0730	11000.	108	22262	No
103	GOM_NL__2PRFIN20060603_083820_000000532048_00164_22262_0493.N1	03-JUN-2006 08:38:20	Dark	53.000	140	88Gam Peg	2.8340	26000.	106	22262	No
104	GOM_NL__2PRFIN20060603_084723_000000482048_00164_22262_0494.N1	03-JUN-2006 08:47:23	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	22262	No
105	GOM_NL__2PRFIN20060603_085625_000000662048_00164_22262_0495.N1	03-JUN-2006 08:56:25	Dark	66.000	18	24Alp PsA	1.1660	9700.0	132	22262	No
106	GOM_NL__2PRFIN20060603_085931_000000542048_00165_22263_0476.N1	03-JUN-2006 08:59:31	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	22263	No
107	GOM_NL__2PRFIN20060603_090126_000000462048_00165_22263_0477.N1	03-JUN-2006 09:01:26	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22263	No
108	GOM_NL__2PRFIN20060603_090616_000000402048_00165_22263_0478.N1	03-JUN-2006 09:06:16	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	22263	No
109	GOM_NL__2PRFIN20060603_091517_000000432048_00165_22263_0479.N1	03-JUN-2006 09:15:17	Straylight	43.000	40	The Sco	1.8590	7100.0	86	22263	No
110	GOM_NL__2PRFIN20060603_091704_000000472048_00165_22263_0480.N1	03-JUN-2006 09:17:04	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	22263	No
111	GOM_NL__2PRFIN20060603_091847_000000452048_00165_22263_0481.N1	03-JUN-2006 09:18:47	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22263	No
112	GOM_NL__2PRFIN20060603_092047_000000412048_00165_22263_0482.N1	03-JUN-2006 09:20:47	Bright	41.000	136	23Tau Sco	2.8220	30000.	82	22263	No
113	GOM_NL__2PRFIN20060603_092421_000000442048_00165_22263_0483.N1	03-JUN-2006 09:24:21	Bright	44.000	86	35Eta Oph	2.4300	10200.	88	22263	No
114	GOM_NL__2PRFIN20060603_092611_000000412048_00165_22263_0484.N1	03-JUN-2006 09:26:11	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22263	No
115	GOM_NL__2PRFIN20060603_092821_000000392048_00165_22263_0485.N1	03-JUN-2006 09:28:21	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22263	No
116	GOM_NL__2PRFIN20060603_093619_000000422048_00165_22263_0486.N1	03-JUN-2006 09:36:19	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	22263	No
117	GOM_NL__2PRFIN20060603_093941_000000432048_00165_22263_0487.N1	03-JUN-2006 09:39:41	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22263	No
118	GOM_NL__2PRFIN20060603_094743_000000382048_00165_22263_0488.N1	03-JUN-2006 09:47:43	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	22263	No
119	GOM_NL__2PRFIN20060603_095757_000000472048_00165_22263_0489.N1	03-JUN-2006 09:57:57	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	22263	No
120	GOM_NL__2PRFIN20060603_100313_000000422048_00165_22263_0490.N1	03-JUN-2006 10:03:13	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	22263	No
121	GOM_NL__2PRFIN20060603_101104_000000462048_00165_22263_0491.N1	03-JUN-2006 10:11:04	Bright	45.500	53	43Bet And	2.0480	3300.0	91	22263	No
122	GOM_NL__2PRFIN20060603_101350_000000562048_00165_22263_0492.N1	03-JUN-2006 10:13:50	Twilight	55.500	58	21Alp And	2.0730	11000.	111	22263	No
123	GOM_NL__2PRFIN20060603_101857_000000542048_00165_22263_0493.N1	03-JUN-2006 10:18:57	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	22263	No
124	GOM_NL__2PRFIN20060603_102759_000000492048_00165_22263_0494.N1	03-JUN-2006 10:27:59	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22263	No
125	GOM_NL__2PRFIN20060603_103702_000000572048_00165_22263_0495.N1	03-JUN-2006 10:37:02	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	22263	No
126	GOM_NL__2PRFIN20060603_104008_000000622048_00166_22264_0476.N1	03-JUN-2006 10:40:08	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	22264	No
127	GOM_NL__2PRFIN20060603_104203_000000452048_00166_22264_0477.N1	03-JUN-2006 10:42:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22264	No
128	GOM_NL__2PRFIN20060603_104653_000000412048_00166_22264_0478.N1	03-JUN-2006 10:46:53	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22264	No
129	GOM_NL__2PRFIN20060603_105553_000000422048_00166_22264_0479.N1	03-JUN-2006 10:55:53	Straylight	42.000	40	The Sco	1.8590	7100.0	84	22264	No
130	GOM_NL__2PRFIN20060603_105740_000000472048_00166_22264_0480.N1	03-JUN-2006 10:57:40	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	22264	No
131	GOM_NL__2PRFIN20060603_105923_000000442048_00166_22264_0481.N1	03-JUN-2006 10:59:23	Twilight	43.500	75	26Eps Sco	2.2910	4250.0	87	22264	No
132	GOM_NL__2PRFIN20060603_110123_000000512048_00166_22264_0482.N1	03-JUN-2006 11:01:23	Bright	50.500	136	23Tau Sco	2.8220	30000.	101	22264	No
133	GOM_NL__2PRFIN20060603_110457_000000442048_00166_22264_0483.N1	03-JUN-2006 11:04:57	Bright	44.000	86	35Eta Oph	2.4300	10200.	88	22264	No
134	GOM_NL__2PRFIN20060603_110647_000000412048_00166_22264_0484.N1	03-JUN-2006 11:06:47	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22264	No
135	GOM_NL__2PRFIN20060603_110857_000000392048_00166_22264_0485.N1	03-JUN-2006 11:08:57	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	22264	No
136	GOM_NL__2PRFIN20060603_111655_000000402048_00166_22264_0486.N1	03-JUN-2006 11:16:55	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22264	No
137	GOM_NL__2PRFIN20060603_112017_000000422048_00166_22264_0487.N1	03-JUN-2006 11:20:17	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22264	No
138	GOM_NL__2PRFIN20060603_112819_000000392048_00166_22264_0488.N1	03-JUN-2006 11:28:19	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22264	No
139	GOM_NL__2PRFIN20060603_113832_000000462048_00166_22264_0489.N1	03-JUN-2006 11:38:32	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22264	No
140	GOM_NL__2PRFIN20060603_114349_000000522048_00166_22264_0490.N1	03-JUN-2006 11:43:49	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	22264	No
141	GOM_NL__2PRFIN20060603_115140_000000432048_00166_22264_0491.N1	03-JUN-2006 11:51:40	Bright	43.000	53	43Bet And	2.0480	3300.0	86	22264	No
142	GOM_NL__2PRFIN20060603_115426_000000582048_00166_22264_0492.N1	03-JUN-2006 11:54:26	Twilight	58.000	58	21Alp And	2.0730	11000.	116	22264	No
143	GOM_NL__2PRFIN20060603_115933_000000542048_00166_22264_0493.N1	03-JUN-2006 11:59:33	Dark	54.000	140	88Gam Peg	2.8340	26000.	108	22264	No
144	GOM_NL__2PRFIN20060603_120836_000000492048_00166_22264_0494.N1	03-JUN-2006 12:08:36	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22264	No
145	GOM_NL__2PRFIN20060603_121739_000000572048_00166_22264_0495.N1	03-JUN-2006 12:17:39	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	22264	No
146	GOM_NL__2PRFIN20060603_122045_000000502048_00167_22265_0476.N1	03-JUN-2006 12:20:45	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	22265	No
147	GOM_NL__2PRFIN20060603_122240_000000462048_00167_22265_0477.N1	03-JUN-2006 12:22:40	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22265	No
148	GOM_NL__2PRFIN20060603_122730_000000422048_00167_22265_0478.N1	03-JUN-2006 12:27:30	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22265	No
149	GOM_NL__2PRFIN20060603_123630_000000482048_00167_22265_0479.N1	03-JUN-2006 12:36:30	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22265	No
150	GOM_NL__2PRFIN20060603_123817_000000492048_00167_22265_0480.N1	03-JUN-2006 12:38:17	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	22265	No
151	GOM_NL__2PRFIN20060603_123959_000000462048_00167_22265_0481.N1	03-JUN-2006 12:39:59	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22265	No
152	GOM_NL__2PRFIN20060603_124159_000000462048_00167_22265_0482.N1	03-JUN-2006 12:41:59	Bright	45.500	136	23Tau Sco	2.8220	30000.	91	22265	No
153	GOM_NL__2PRFIN20060603_124533_000000442048_00167_22265_0483.N1	03-JUN-2006 12:45:33	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	22265	No
154	GOM_NL__2PRFIN20060603_124723_000000402048_00167_22265_0484.N1	03-JUN-2006 12:47:23	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22265	No
155	GOM_NL__2PRFIN20060603_124933_000000392048_00167_22265_0485.N1	03-JUN-2006 12:49:33	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22265	No
156	GOM_NL__2PRFIN20060603_125730_000000422048_00167_22265_0486.N1	03-JUN-2006 12:57:30	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	22265	No
157	GOM_NL__2PRFIN20060603_130052_000000432048_00167_22265_0487.N1	03-JUN-2006 13:00:52	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	22265	No
158	GOM_NL__2PRFIN20060603_130855_000000392048_00167_22265_0488.N1	03-JUN-2006 13:08:55	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22265	No
159	GOM_NL__2PRFIN20060603_131908_000000472048_00167_22265_0489.N1	03-JUN-2006 13:19:08	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	22265	No
160	GOM_NL__2PRFIN20060603_132425_000000382048_00167_22265_0490.N1	03-JUN-2006 13:24:25	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22265	No

161	GOM_NL__2PRFIN20060603_133216_000000452048_00167_22265_0491.N1	03-JUN-2006 13:32:16	Bright	45.000	53	43Bet And	2.0480	3300.0	90	22265	No
162	GOM_NL__2PRFIN20060603_133502_000000572048_00167_22265_0492.N1	03-JUN-2006 13:35:02	Tw_i_and_stray	56.500	58	21Alp And	2.0730	11000.	113	22265	No
163	GOM_NL__2PRFIN20060603_134010_000000542048_00167_22265_0493.N1	03-JUN-2006 13:40:10	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	22265	No
164	GOM_NL__2PRFIN20060603_134912_000000472048_00167_22265_0494.N1	03-JUN-2006 13:49:12	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	22265	No
165	GOM_NL__2PRFIN20060603_135817_000000552048_00167_22265_0495.N1	03-JUN-2006 13:58:17	Dark	54.500	18	24Alp PsA	1.1660	9700.0	109	22265	No
166	GOM_NL__2PRFIN20060603_140122_000000502048_00168_22266_0476.N1	03-JUN-2006 14:01:22	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	22266	No
167	GOM_NL__2PRFIN20060603_140316_000000462048_00168_22266_0477.N1	03-JUN-2006 14:03:16	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22266	No
168	GOM_NL__2PRFIN20060603_140806_000000422048_00168_22266_0478.N1	03-JUN-2006 14:08:06	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	22266	No
169	GOM_NL__2PRFIN20060603_141706_000000482048_00168_22266_0479.N1	03-JUN-2006 14:17:06	Straylight	47.500	40	The Sco	1.8590	7100.0	95	22266	No
170	GOM_NL__2PRFIN20060603_141853_000000442048_00168_22266_0480.N1	03-JUN-2006 14:18:53	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	22266	No
171	GOM_NL__2PRFIN20060603_142035_000000462048_00168_22266_0481.N1	03-JUN-2006 14:20:35	Tw_i_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	22266	No
172	GOM_NL__2PRFIN20060603_142236_000000442048_00168_22266_0482.N1	03-JUN-2006 14:22:36	Bright	44.000	136	23Tau Sco	2.8220	30000.	88	22266	No
173	GOM_NL__2PRFIN20060603_142609_000000452048_00168_22266_0483.N1	03-JUN-2006 14:26:09	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	22266	No
174	GOM_NL__2PRFIN20060603_142759_000000412048_00168_22266_0484.N1	03-JUN-2006 14:27:59	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	22266	No
175	GOM_NL__2PRFIN20060603_143009_000000392048_00168_22266_0485.N1	03-JUN-2006 14:30:09	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22266	No
176	GOM_NL__2PRFIN20060603_143806_000000402048_00168_22266_0486.N1	03-JUN-2006 14:38:06	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22266	No
177	GOM_NL__2PRFIN20060603_144128_000000412048_00168_22266_0487.N1	03-JUN-2006 14:41:28	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	22266	No
178	GOM_NL__2PRFIN20060603_144930_000000382048_00168_22266_0488.N1	03-JUN-2006 14:49:30	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	22266	No
179	GOM_NL__2PRFIN20060603_145943_000000462048_00168_22266_0489.N1	03-JUN-2006 14:59:43	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22266	No
180	GOM_NL__2PRFIN20060603_150501_000000402048_00168_22266_0490.N1	03-JUN-2006 15:05:01	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	22266	No
181	GOM_NL__2PRFIN20060603_151252_000000472048_00168_22266_0491.N1	03-JUN-2006 15:12:52	Bright	47.000	53	43Bet And	2.0480	3300.0	94	22266	No
182	GOM_NL__2PRFIN20060603_151538_000000542048_00168_22266_0492.N1	03-JUN-2006 15:15:38	Tw_i_and_stray	53.500	58	21Alp And	2.0730	11000.	107	22266	No
183	GOM_NL__2PRFIN20060603_152046_000000562048_00168_22266_0493.N1	03-JUN-2006 15:20:46	Dark	56.000	140	88Gam Peg	2.8340	26000.	112	22266	No
184	GOM_NL__2PRFIN20060603_152949_000000492048_00168_22266_0494.N1	03-JUN-2006 15:29:49	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	22266	No
185	GOM_NL__2PRFIN20060603_153854_000000702048_00168_22266_0495.N1	03-JUN-2006 15:38:54	Dark	69.500	18	24Alp PsA	1.1660	9700.0	139	22266	No
186	GOM_NL__2PRFIN20060603_154158_000000532048_00169_22267_0476.N1	03-JUN-2006 15:41:58	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	22267	No
187	GOM_NL__2PRFIN20060603_154353_000000452048_00169_22267_0477.N1	03-JUN-2006 15:43:53	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22267	No
188	GOM_NL__2PRFIN20060603_154843_000000412048_00169_22267_0478.N1	03-JUN-2006 15:48:43	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22267	No
189	GOM_NL__2PRFIN20060603_155742_000000442048_00169_22267_0479.N1	03-JUN-2006 15:57:42	Straylight	44.000	40	The Sco	1.8590	7100.0	88	22267	No
190	GOM_NL__2PRFIN20060603_155929_000000482048_00169_22267_0480.N1	03-JUN-2006 15:59:29	Tw_i_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	22267	No
191	GOM_NL__2PRFIN20060603_160112_000000462048_00169_22267_0481.N1	03-JUN-2006 16:01:12	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	22267	No
192	GOM_NL__2PRFIN20060603_160312_000000412048_00169_22267_0482.N1	03-JUN-2006 16:03:12	Bright	40.500	136	23Tau Sco	2.8220	30000.	81	22267	No
193	GOM_NL__2PRFIN20060603_160645_000000452048_00169_22267_0483.N1	03-JUN-2006 16:06:45	Bright	44.500	86	35Eta Oph	2.4300	10200.	89	22267	No
194	GOM_NL__2PRFIN20060603_160835_000000412048_00169_22267_0484.N1	03-JUN-2006 16:08:35	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	22267	No
195	GOM_NL__2PRFIN20060603_161045_000000392048_00169_22267_0485.N1	03-JUN-2006 16:10:45	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	22267	No
196	GOM_NL__2PRFIN20060603_161842_000000402048_00169_22267_0486.N1	03-JUN-2006 16:18:42	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22267	No
197	GOM_NL__2PRFIN20060603_162203_000000542048_00169_22267_0487.N1	03-JUN-2006 16:22:03	Bright	54.000	133	40Zet Her	2.8070	6000.0	108	22267	No
198	GOM_NL__2PRFIN20060603_163006_000000372048_00169_22267_0488.N1	03-JUN-2006 16:30:06	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	22267	No
199	GOM_NL__2PRFIN20060603_164018_000000462048_00169_22267_0489.N1	03-JUN-2006 16:40:18	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22267	No
200	GOM_NL__2PRFIN20060603_164537_000000562048_00169_22267_0490.N1	03-JUN-2006 16:45:37	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	22267	No
201	GOM_NL__2PRFIN20060603_165328_000000462048_00169_22267_0491.N1	03-JUN-2006 16:53:28	Bright	46.000	53	43Bet And	2.0480	3300.0	92	22267	No
202	GOM_NL__2PRFIN20060603_165614_000000582048_00169_22267_0492.N1	03-JUN-2006 16:56:14	Tw_i_and_stray	57.500	58	21Alp And	2.0730	11000.	115	22267	No
203	GOM_NL__2PRFIN20060603_170123_000000542048_00169_22267_0493.N1	03-JUN-2006 17:01:23	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	22267	No
204	GOM_NL__2PRFIN20060603_171026_000000532048_00169_22267_0494.N1	03-JUN-2006 17:10:26	Dark	52.500	52	16Bet Cet	2.0370	4500.0	105	22267	No
205	GOM_NL__2PRFIN20060603_171931_000000582048_00169_22267_0495.N1	03-JUN-2006 17:19:31	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	22267	No
206	GOM_NL__2PRFIN20060603_172235_000000502048_00170_22268_0476.N1	03-JUN-2006 17:22:35	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	22268	No
207	GOM_NL__2PRFIN20060603_172430_000000452048_00170_22268_0477.N1	03-JUN-2006 17:24:30	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22268	No
208	GOM_NL__2PRFIN20060603_172920_000000442048_00170_22268_0478.N1	03-JUN-2006 17:29:20	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	22268	No
209	GOM_NL__2PRFIN20060603_173819_000000432048_00170_22268_0479.N1	03-JUN-2006 17:38:19	Straylight	42.500	40	The Sco	1.8590	7100.0	85	22268	No
210	GOM_NL__2PRFIN20060603_174006_000000472048_00170_22268_0480.N1	03-JUN-2006 17:40:06	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	22268	No
211	GOM_NL__2PRFIN20060603_174148_000000452048_00170_22268_0481.N1	03-JUN-2006 17:41:48	Tw_i_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	22268	No
212	GOM_NL__2PRFIN20060603_174348_000000462048_00170_22268_0482.N1	03-JUN-2006 17:43:48	Bright	45.500	136	23Tau Sco	2.8220	30000.	91	22268	No
213	GOM_NL__2PRFIN20060603_174721_000000422048_00170_22268_0483.N1	03-JUN-2006 17:47:21	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	22268	No
214	GOM_NL__2PRFIN20060603_174911_000000392048_00170_22268_0484.N1	03-JUN-2006 17:49:11	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	22268	No
215	GOM_NL__2PRFIN20060603_175121_000000392048_00170_22268_0485.N1	03-JUN-2006 17:51:21	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	22268	No
216	GOM_NL__2PRFIN20060603_175917_000000402048_00170_22268_0486.N1	03-JUN-2006 17:59:17	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22268	No
217	GOM_NL__2PRFIN20060603_180239_000000422048_00170_22268_0487.N1	03-JUN-2006 18:02:39	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22268	No
218	GOM_NL__2PRFIN20060603_181042_000000372048_00170_22268_0488.N1	03-JUN-2006 18:10:42	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	22268	No
219	GOM_NL__2PRFIN20060603_182054_000000462048_00170_22268_0489.N1	03-JUN-2006 18:20:54	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22268	No

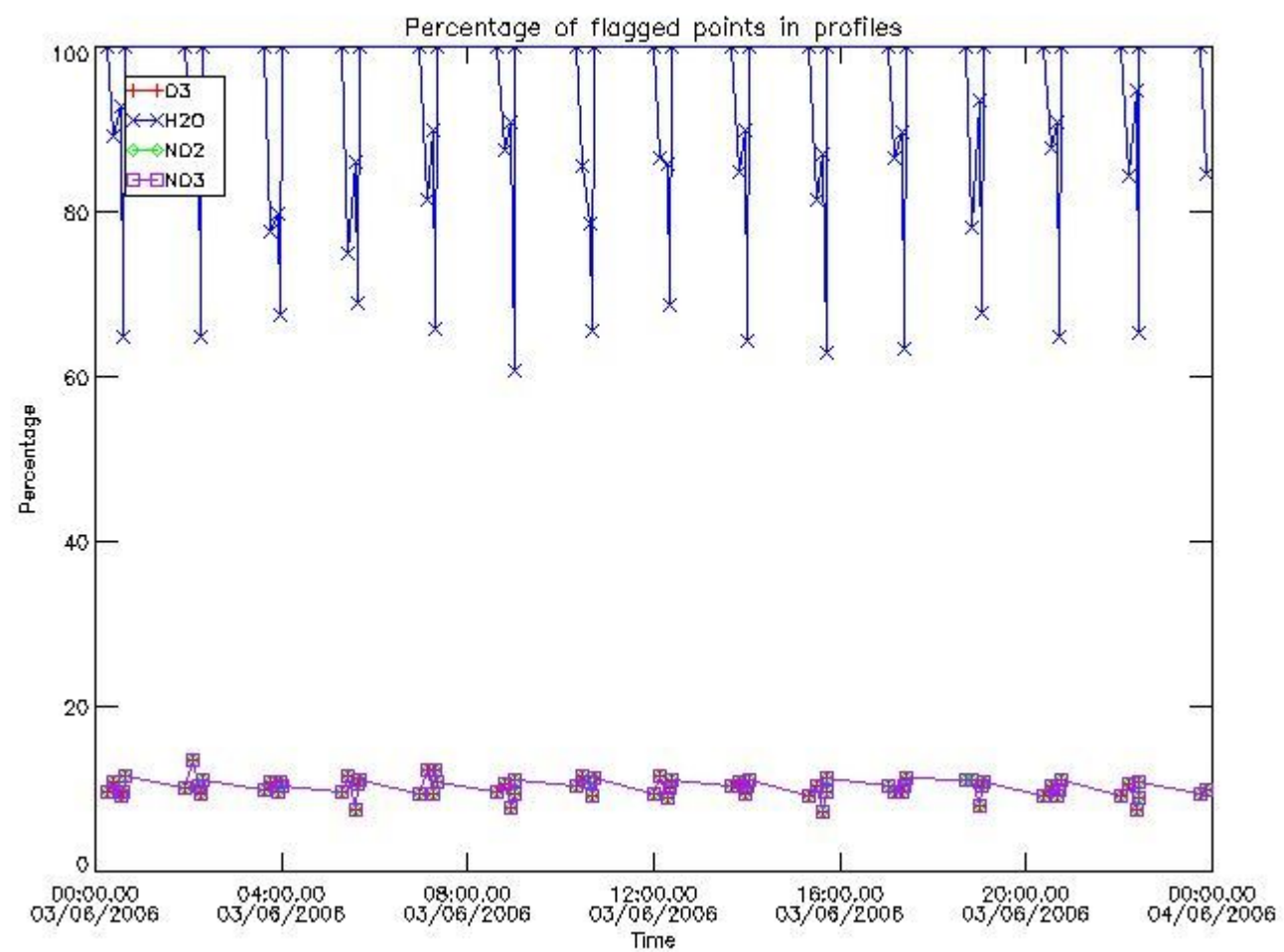
220	GOM_NL__2PRFIN20060603_182613_000000442048_00170_22268_0490.N1	03-JUN-2006 18:26:13	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	22268	No
221	GOM_NL__2PRFIN20060603_183404_000000472048_00170_22268_0491.N1	03-JUN-2006 18:34:04	Bright	46.500	53	43Bet And	2.0480	3300.0	93	22268	No
222	GOM_NL__2PRFIN20060603_183651_000000522048_00170_22268_0492.N1	03-JUN-2006 18:36:51	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	22268	No
223	GOM_NL__2PRFIN20060603_184159_000000562048_00170_22268_0493.N1	03-JUN-2006 18:41:59	Dark	55.500	140	88Gam Peg	2.8340	26000.	111	22268	No
224	GOM_NL__2PRFIN20060603_185102_000000462048_00170_22268_0494.N1	03-JUN-2006 18:51:02	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	22268	No
225	GOM_NL__2PRFIN20060603_190009_000000702048_00170_22268_0495.N1	03-JUN-2006 19:00:09	Dark	70.000	18	24Alp PsA	1.1660	9700.0	140	22268	No
226	GOM_NL__2PRFIN20060603_190312_000000602048_00171_22269_0476.N1	03-JUN-2006 19:03:12	Dark	59.500	63	Bet Gru	2.1500	2800.0	119	22269	No
227	GOM_NL__2PRFIN20060603_190507_000000472048_00171_22269_0477.N1	03-JUN-2006 19:05:07	Dark	46.500	31	Alp Gru	1.7340	15200.	93	22269	No
228	GOM_NL__2PRFIN20060603_190956_000000422048_00171_22269_0478.N1	03-JUN-2006 19:09:56	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22269	No
229	GOM_NL__2PRFIN20060603_191855_000000472048_00171_22269_0479.N1	03-JUN-2006 19:18:55	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22269	No
230	GOM_NL__2PRFIN20060603_192042_000000452048_00171_22269_0480.N1	03-JUN-2006 19:20:42	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	22269	No
231	GOM_NL__2PRFIN20060603_192224_000000452048_00171_22269_0481.N1	03-JUN-2006 19:22:24	Tw_i_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	22269	No
232	GOM_NL__2PRFIN20060603_192424_000000402048_00171_22269_0482.N1	03-JUN-2006 19:24:24	Bright	40.000	136	23Tau Sco	2.8220	30000.	80	22269	No
233	GOM_NL__2PRFIN20060603_192757_000000442048_00171_22269_0483.N1	03-JUN-2006 19:27:57	Bright	44.000	86	35Eta Oph	2.4300	10200.	88	22269	No
234	GOM_NL__2PRFIN20060603_192947_000000412048_00171_22269_0484.N1	03-JUN-2006 19:29:47	Bright	40.500	98	13Zet Oph	2.5710	30000.	81	22269	No
235	GOM_NL__2PRFIN20060603_193157_000000392048_00171_22269_0485.N1	03-JUN-2006 19:31:57	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	22269	No
236	GOM_NL__2PRFIN20060603_193953_000000432048_00171_22269_0486.N1	03-JUN-2006 19:39:53	Bright	42.500	127	27Bet Her	2.7810	4700.0	85	22269	No
237	GOM_NL__2PRFIN20060603_194314_000000432048_00171_22269_0487.N1	03-JUN-2006 19:43:14	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	22269	No
238	GOM_NL__2PRFIN20060603_195118_000000402048_00171_22269_0488.N1	03-JUN-2006 19:51:18	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	22269	No
239	GOM_NL__2PRFIN20060603_200129_000000692048_00171_22269_0489.N1	03-JUN-2006 20:01:29	Bright	69.000	89	5Alp Cep	2.4510	8000.0	138	22269	No
240	GOM_NL__2PRFIN20060603_200649_000000372048_00171_22269_0490.N1	03-JUN-2006 20:06:49	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	22269	No
241	GOM_NL__2PRFIN20060603_201440_000000482048_00171_22269_0491.N1	03-JUN-2006 20:14:40	Bright	48.000	53	43Bet And	2.0480	3300.0	96	22269	No
242	GOM_NL__2PRFIN20060603_201727_000000522048_00171_22269_0492.N1	03-JUN-2006 20:17:27	Tw_i_and_stray	52.000	58	21Alp And	2.0730	11000.	104	22269	No
243	GOM_NL__2PRFIN20060603_202236_000000552048_00171_22269_0493.N1	03-JUN-2006 20:22:36	Dark	55.000	140	88Gam Peg	2.8340	26000.	110	22269	No
244	GOM_NL__2PRFIN20060603_203139_000000502048_00171_22269_0494.N1	03-JUN-2006 20:31:39	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	22269	No
245	GOM_NL__2PRFIN20060603_204046_000000562048_00171_22269_0495.N1	03-JUN-2006 20:40:46	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	22269	No
246	GOM_NL__2PRFIN20060603_204349_000000522048_00172_22270_0496.N1	03-JUN-2006 20:43:49	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22270	No
247	GOM_NL__2PRFIN20060603_204544_000000462048_00172_22270_0497.N1	03-JUN-2006 20:45:44	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22270	No
248	GOM_NL__2PRFIN20060603_205033_000000412048_00172_22270_0498.N1	03-JUN-2006 20:50:33	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22270	No
249	GOM_NL__2PRFIN20060603_205931_000000462048_00172_22270_0499.N1	03-JUN-2006 20:59:31	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22270	No
250	GOM_NL__2PRFIN20060603_210118_000000472048_00172_22270_0500.N1	03-JUN-2006 21:01:18	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	22270	No
251	GOM_NL__2PRFIN20060603_210500_000000432048_00172_22270_0501.N1	03-JUN-2006 21:05:00	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22270	No
252	GOM_NL__2PRFIN20060603_210833_000000452048_00172_22270_0502.N1	03-JUN-2006 21:08:33	Bright	45.000	86	35Eta Oph	2.4300	10200.	90	22270	No
253	GOM_NL__2PRFIN20060603_211023_000000412048_00172_22270_0503.N1	03-JUN-2006 21:10:23	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	22270	No
254	GOM_NL__2PRFIN20060603_211233_000000392048_00172_22270_0504.N1	03-JUN-2006 21:12:33	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	22270	No
255	GOM_NL__2PRFIN20060603_212029_000000412048_00172_22270_0505.N1	03-JUN-2006 21:20:29	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22270	No
256	GOM_NL__2PRFIN20060603_212350_000000412048_00172_22270_0506.N1	03-JUN-2006 21:23:50	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	22270	No
257	GOM_NL__2PRFIN20060603_213153_000000382048_00172_22270_0507.N1	03-JUN-2006 21:31:53	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	22270	No
258	GOM_NL__2PRFIN20060603_214204_000000462048_00172_22270_0508.N1	03-JUN-2006 21:42:04	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	22270	No
259	GOM_NL__2PRFIN20060603_214724_000000482048_00172_22270_0509.N1	03-JUN-2006 21:47:24	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	22270	No
260	GOM_NL__2PRFIN20060603_215517_000000482048_00172_22270_0510.N1	03-JUN-2006 21:55:17	Bright	48.000	53	43Bet And	2.0480	3300.0	96	22270	No
261	GOM_NL__2PRFIN20060603_215803_000000442048_00172_22270_0511.N1	03-JUN-2006 21:58:03	Tw_i_and_stray	44.000	58	21Alp And	2.0730	11000.	88	22270	No
262	GOM_NL__2PRFIN20060603_220312_000000552048_00172_22270_0512.N1	03-JUN-2006 22:03:12	Dark	55.000	140	88Gam Peg	2.8340	26000.	110	22270	No
263	GOM_NL__2PRFIN20060603_221216_000000492048_00172_22270_0513.N1	03-JUN-2006 22:12:16	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	22270	No
264	GOM_NL__2PRFIN20060603_222123_000000682048_00172_22270_0514.N1	03-JUN-2006 22:21:23	Dark	67.500	18	24Alp PsA	1.1660	9700.0	135	22270	No
265	GOM_NL__2PRFIN20060603_222426_000000572048_00173_22271_0496.N1	03-JUN-2006 22:24:26	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	22271	No
266	GOM_NL__2PRFIN20060603_222621_000000472048_00173_22271_0497.N1	03-JUN-2006 22:26:21	Dark	46.500	31	Alp Gru	1.7340	15200.	93	22271	No
267	GOM_NL__2PRFIN20060603_223109_000000432048_00173_22271_0498.N1	03-JUN-2006 22:31:09	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22271	No
268	GOM_NL__2PRFIN20060603_224008_000000462048_00173_22271_0499.N1	03-JUN-2006 22:40:08	Straylight	46.000	40	The Sco	1.8590	7100.0	92	22271	No
269	GOM_NL__2PRFIN20060603_224155_000000462048_00173_22271_0500.N1	03-JUN-2006 22:41:55	Tw_i_and_stray	46.000	25	35Lam Sco	1.6200	28000.	92	22271	No
270	GOM_NL__2PRFIN20060603_224542_000000342048_00173_22271_0501.N1	03-JUN-2006 22:45:42	Bright	33.500	136	23Tau Sco	2.8220	30000.	67	22271	No
271	GOM_NL__2PRFIN20060603_224909_000000432048_00173_22271_0502.N1	03-JUN-2006 22:49:09	Bright	43.000	86	35Eta Oph	2.4300	10200.	86	22271	No
272	GOM_NL__2PRFIN20060603_225059_000000422048_00173_22271_0503.N1	03-JUN-2006 22:50:59	Bright	41.500	98	13Zet Oph	2.5710	30000.	83	22271	No
273	GOM_NL__2PRFIN20060603_225309_000000392048_00173_22271_0504.N1	03-JUN-2006 22:53:09	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	22271	No
274	GOM_NL__2PRFIN20060603_230104_000000422048_00173_22271_0505.N1	03-JUN-2006 23:01:04	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	22271	No
275	GOM_NL__2PRFIN20060603_230425_000000402048_00173_22271_0506.N1	03-JUN-2006 23:04:25	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	22271	No
276	GOM_NL__2PRFIN20060603_231229_000000392048_00173_22271_0507.N1	03-JUN-2006 23:12:29	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	22271	No
277	GOM_NL__2PRFIN20060603_232240_000000462048_00173_22271_0508.N1	03-JUN-2006 23:22:40	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22271	No
278	GOM_NL__2PRFIN20060603_232800_000000382048_00173_22271_0509.N1	03-JUN-2006 23:28:00	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	22271	No

279	GOM_NL__2PRFIN20060603_233553_000000482048_00173_22271_0510.N1	03-JUN-2006 23:35:53	Bright	47.500	53	43Bet And	2.0480	3300.0	95	22271	No
280	GOM_NL__2PRFIN20060603_233839_000000442048_00173_22271_0511.N1	03-JUN-2006 23:38:39	Twi_and_stray	44.000	58	21Alp And	2.0730	11000.	88	22271	No
281	GOM_NL__2PRFIN20060603_234349_000000542048_00173_22271_0512.N1	03-JUN-2006 23:43:49	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	22271	No
282	GOM_NL__2PRFIN20060603_235252_000000522048_00173_22271_0513.N1	03-JUN-2006 23:52:52	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22271	No

### 3. Quality information per product

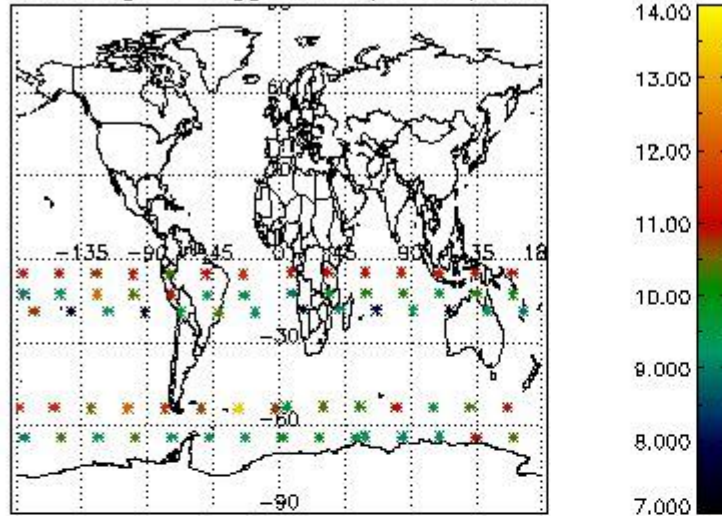
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

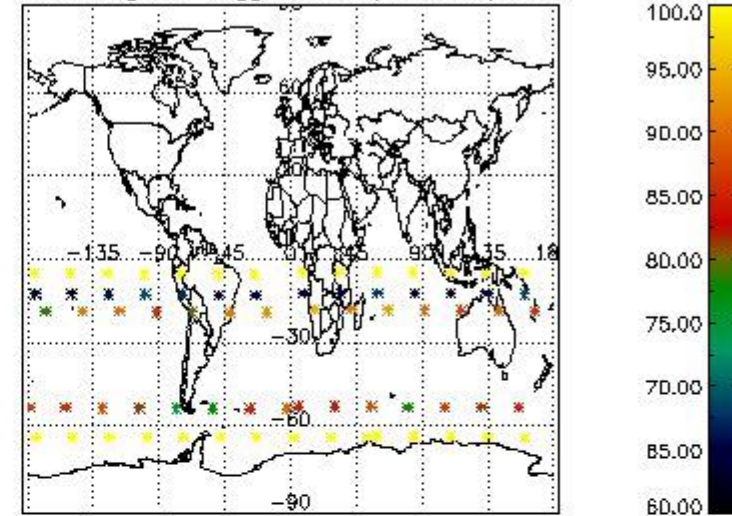


#### 3.2 Plot quality information per product (world map)

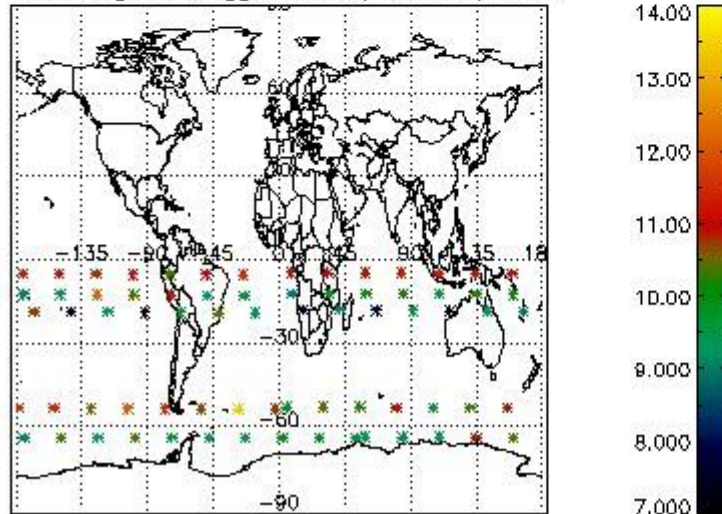
Percentage of flagged data per O3 profile



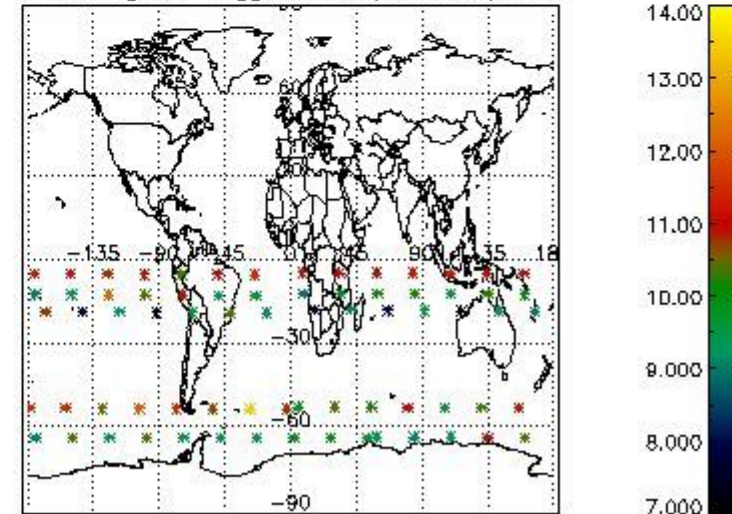
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



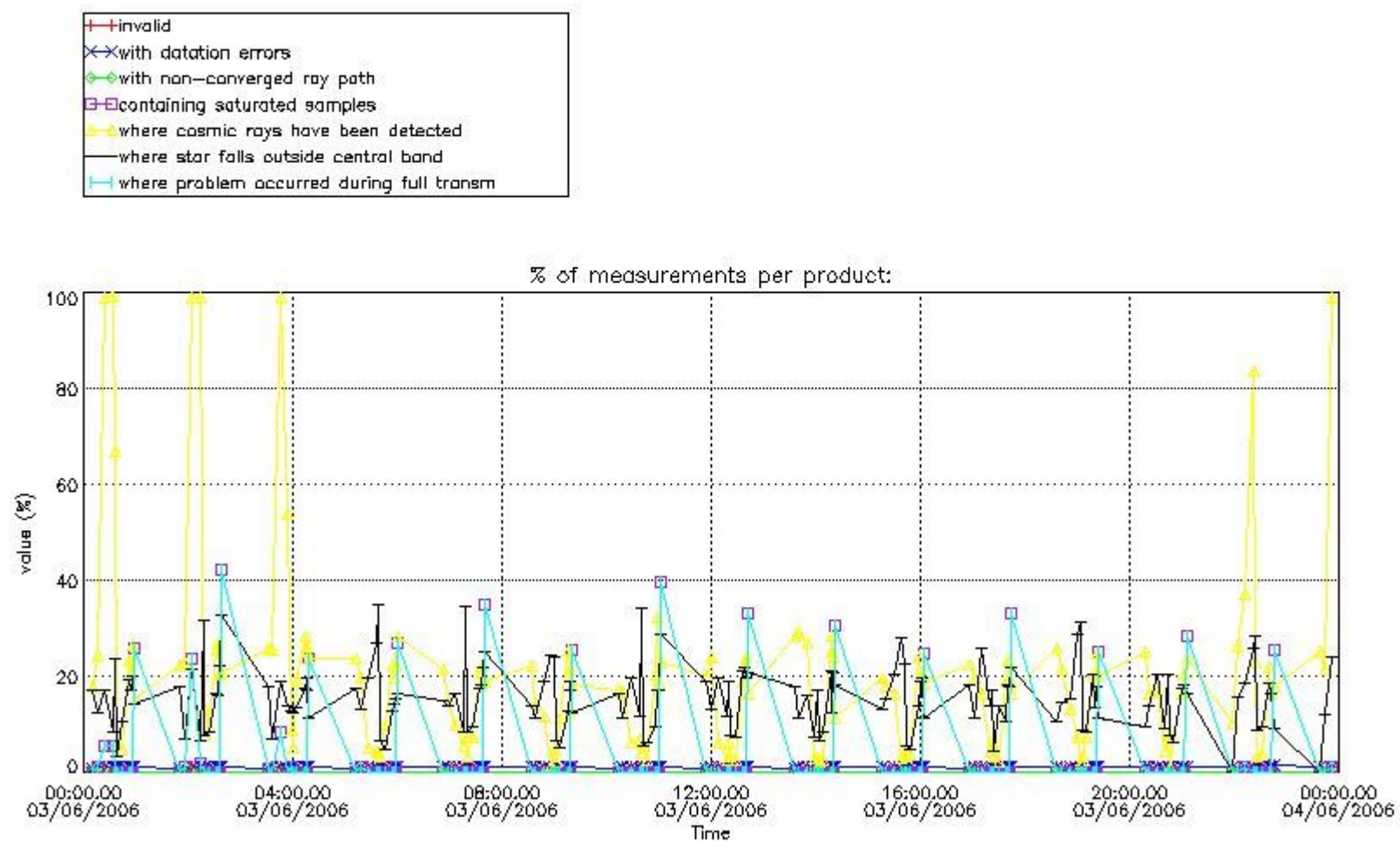
#### 4. Level 1 quality information per product

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.

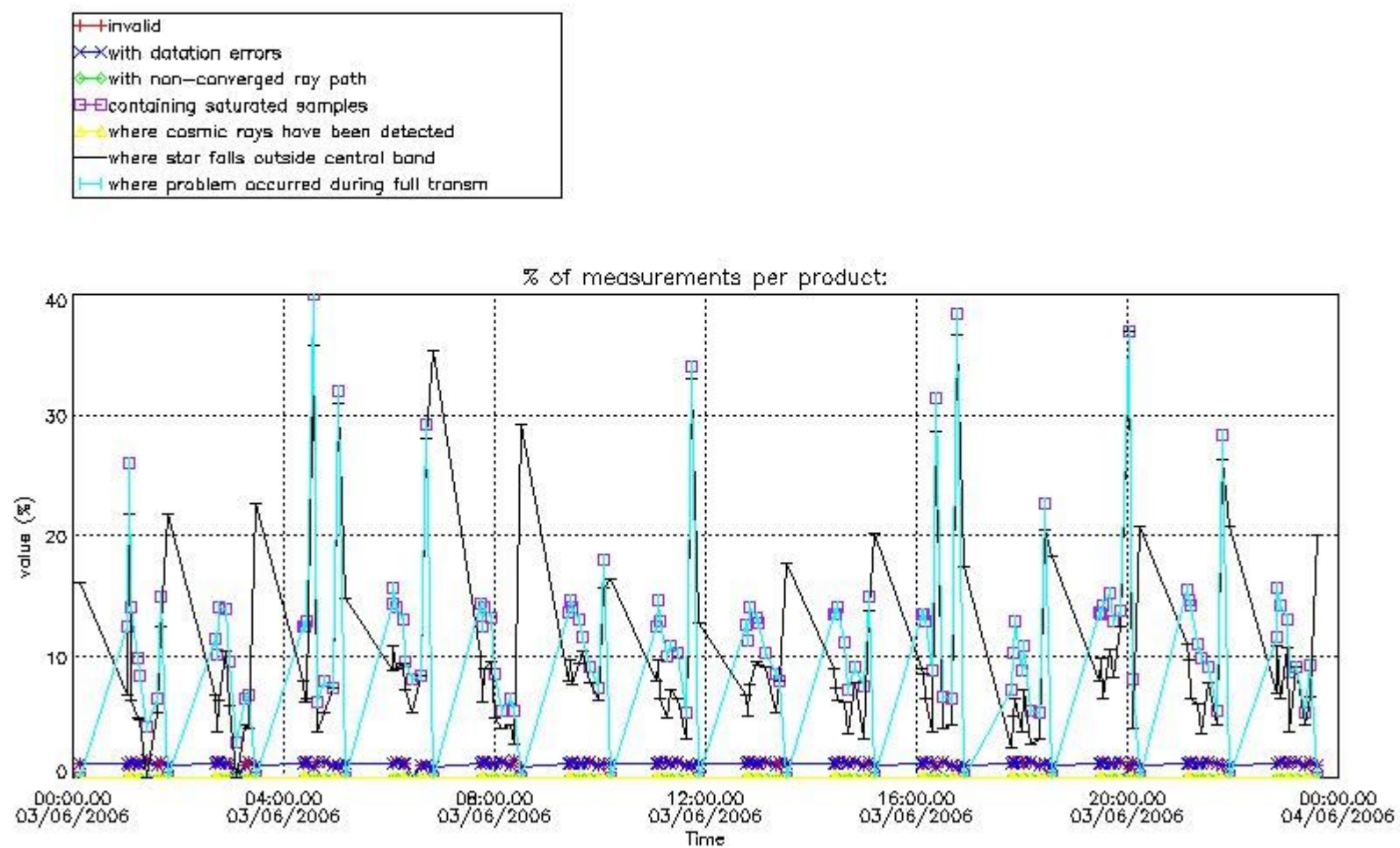
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



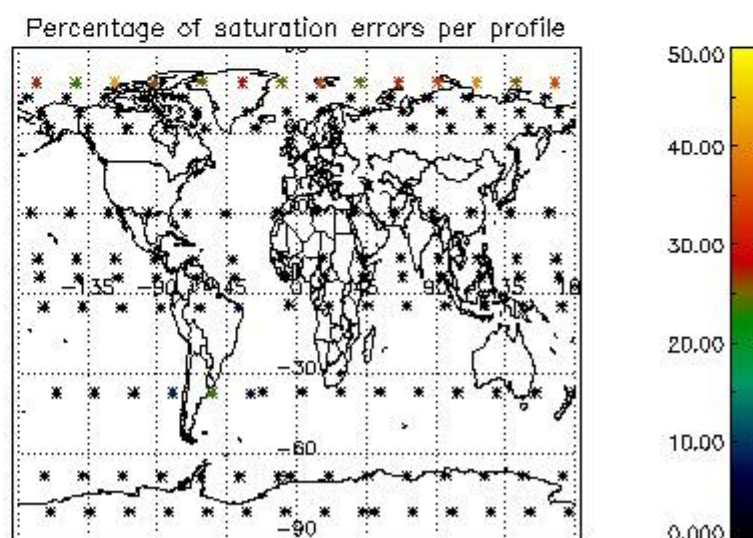
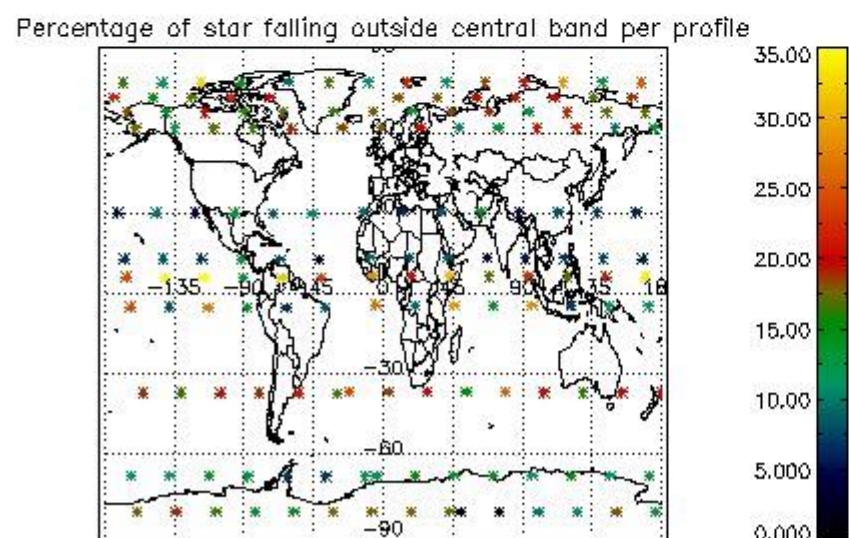
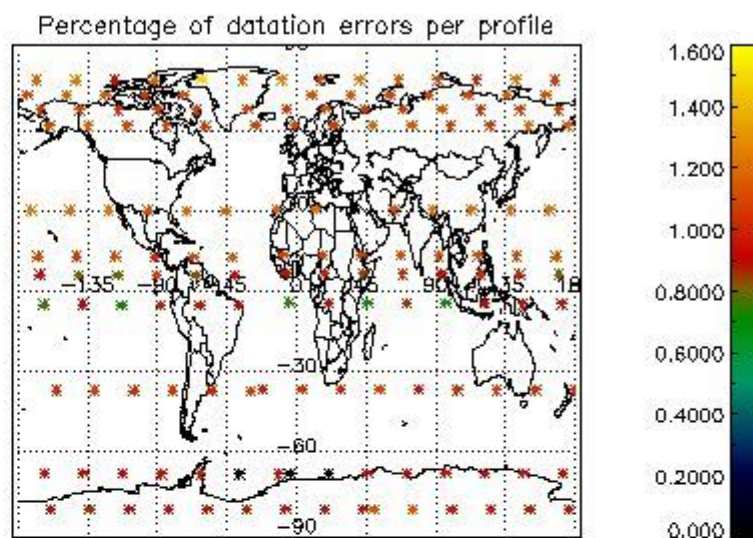
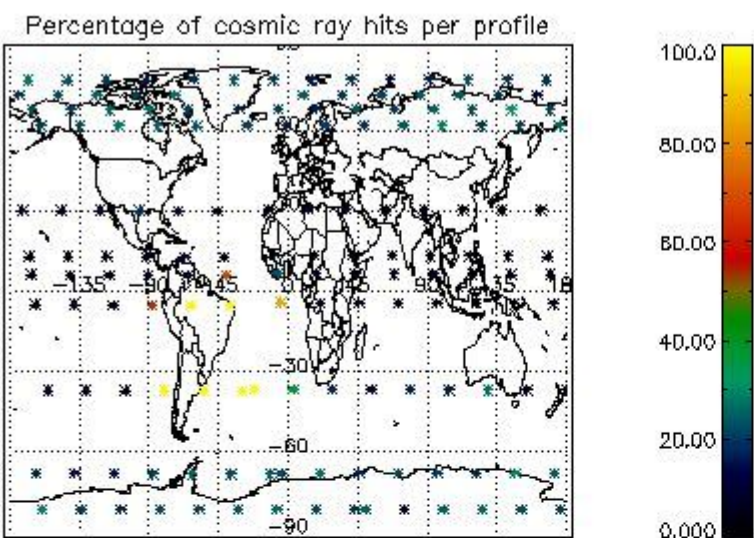


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

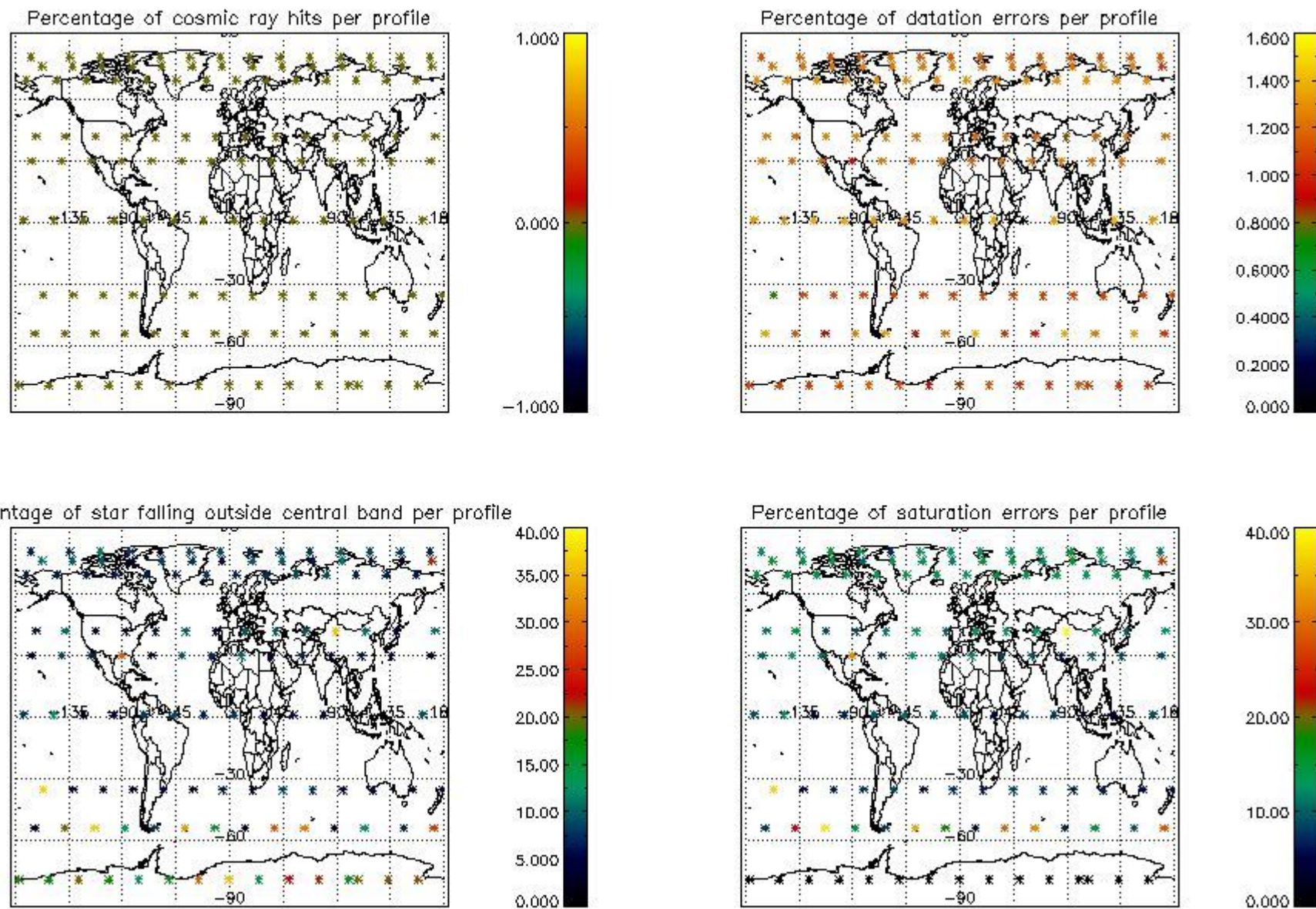


*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

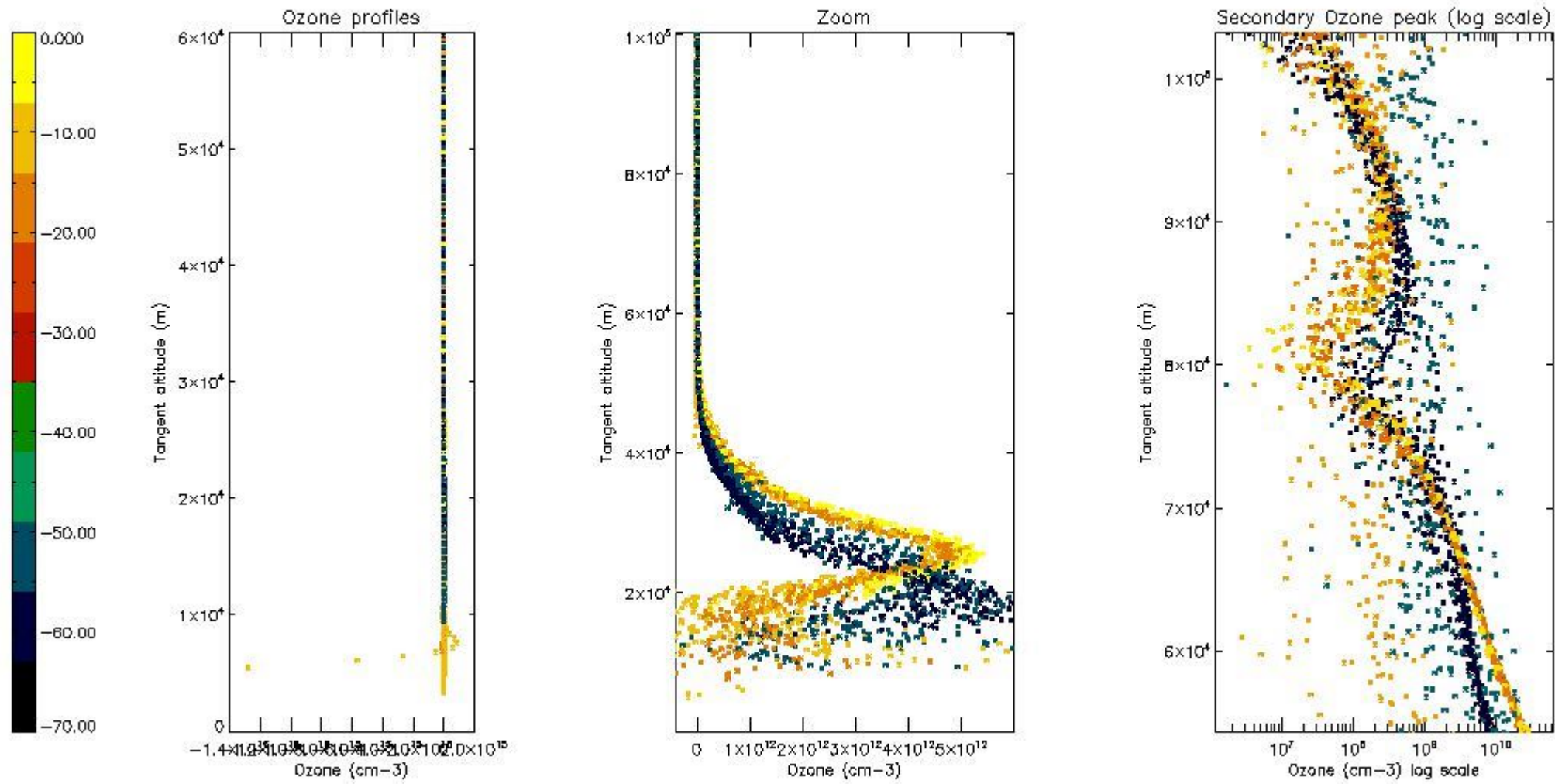
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	16

STD < 10	12
STD < 5	9

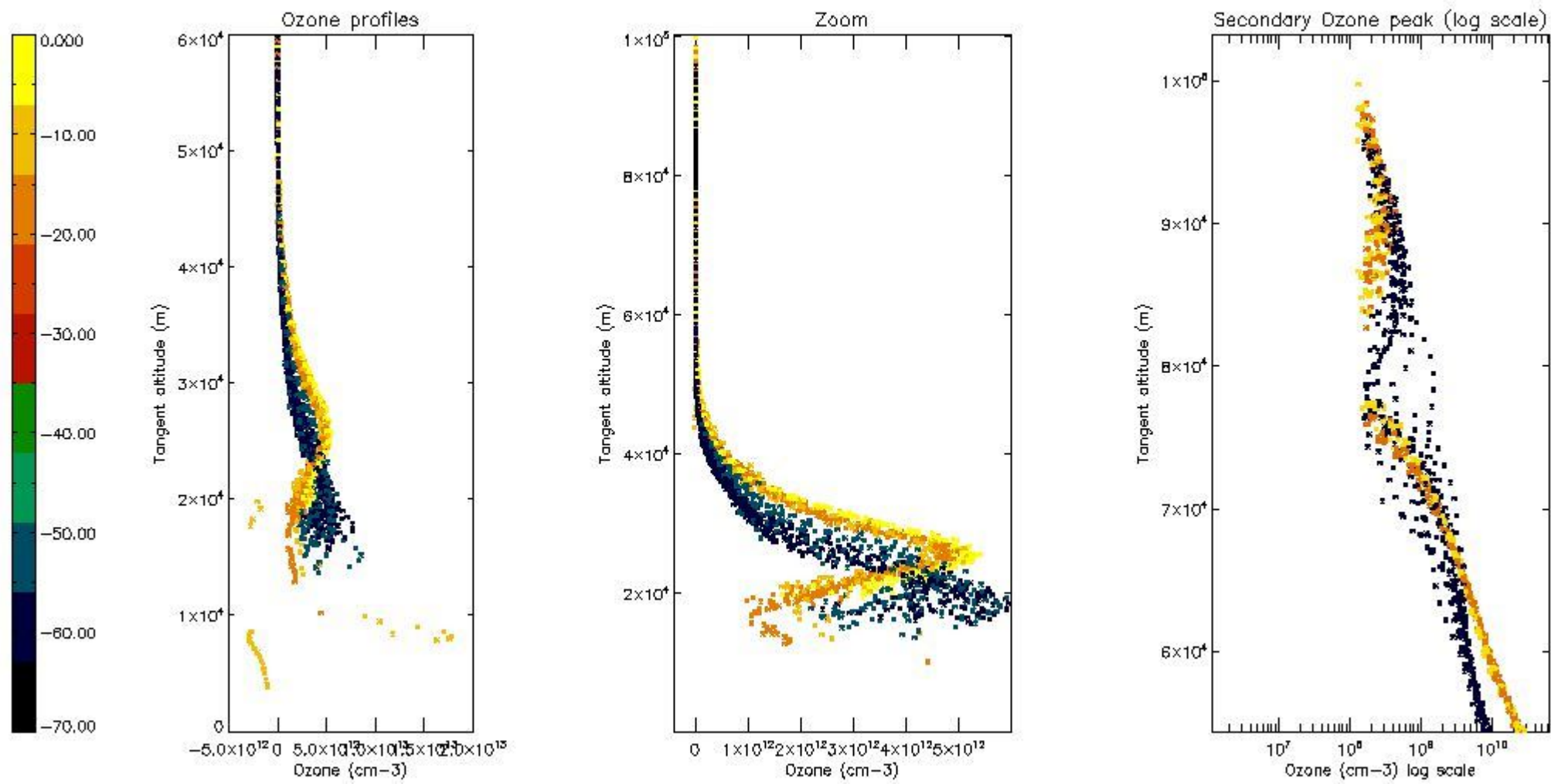
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



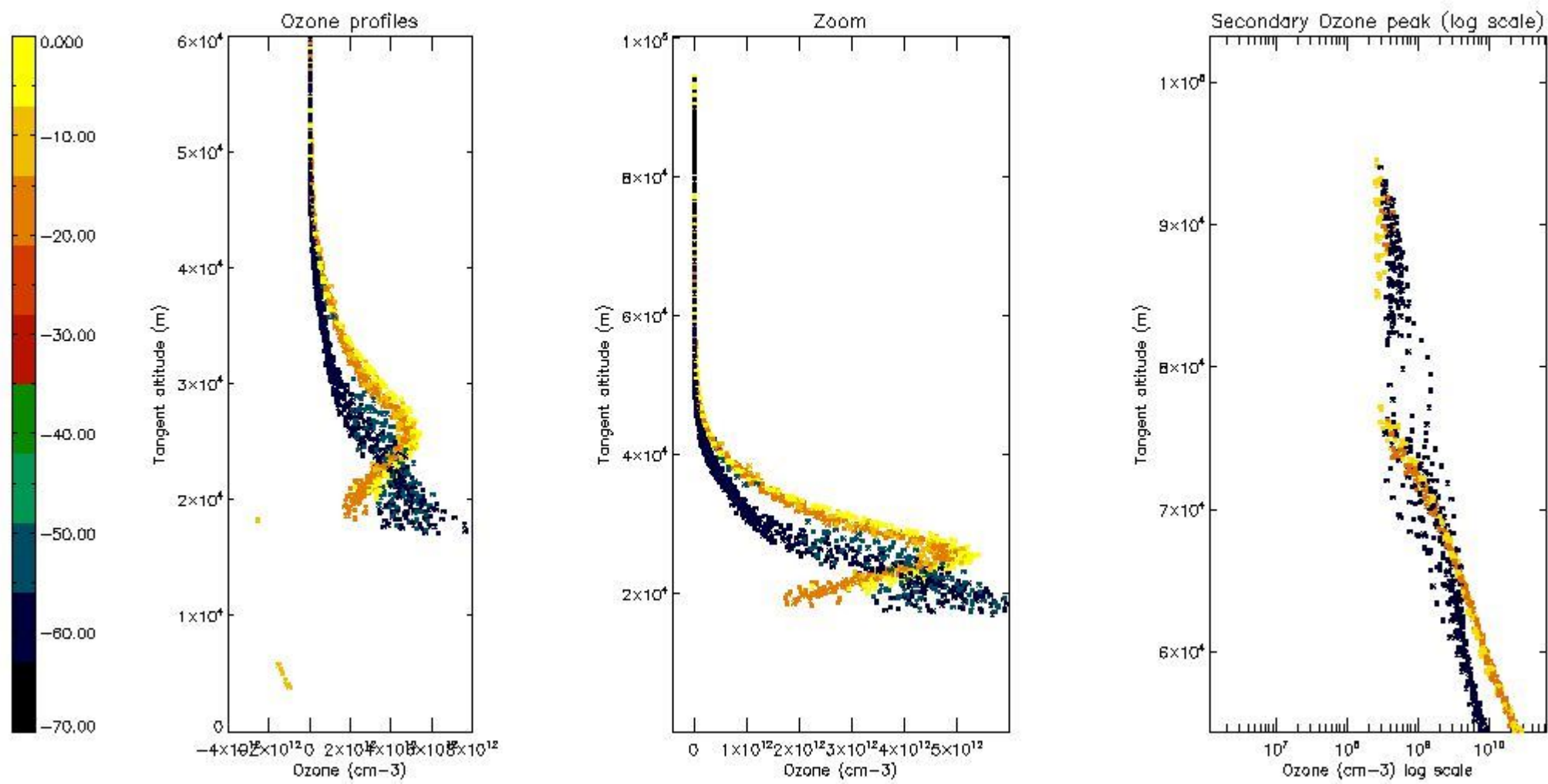
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



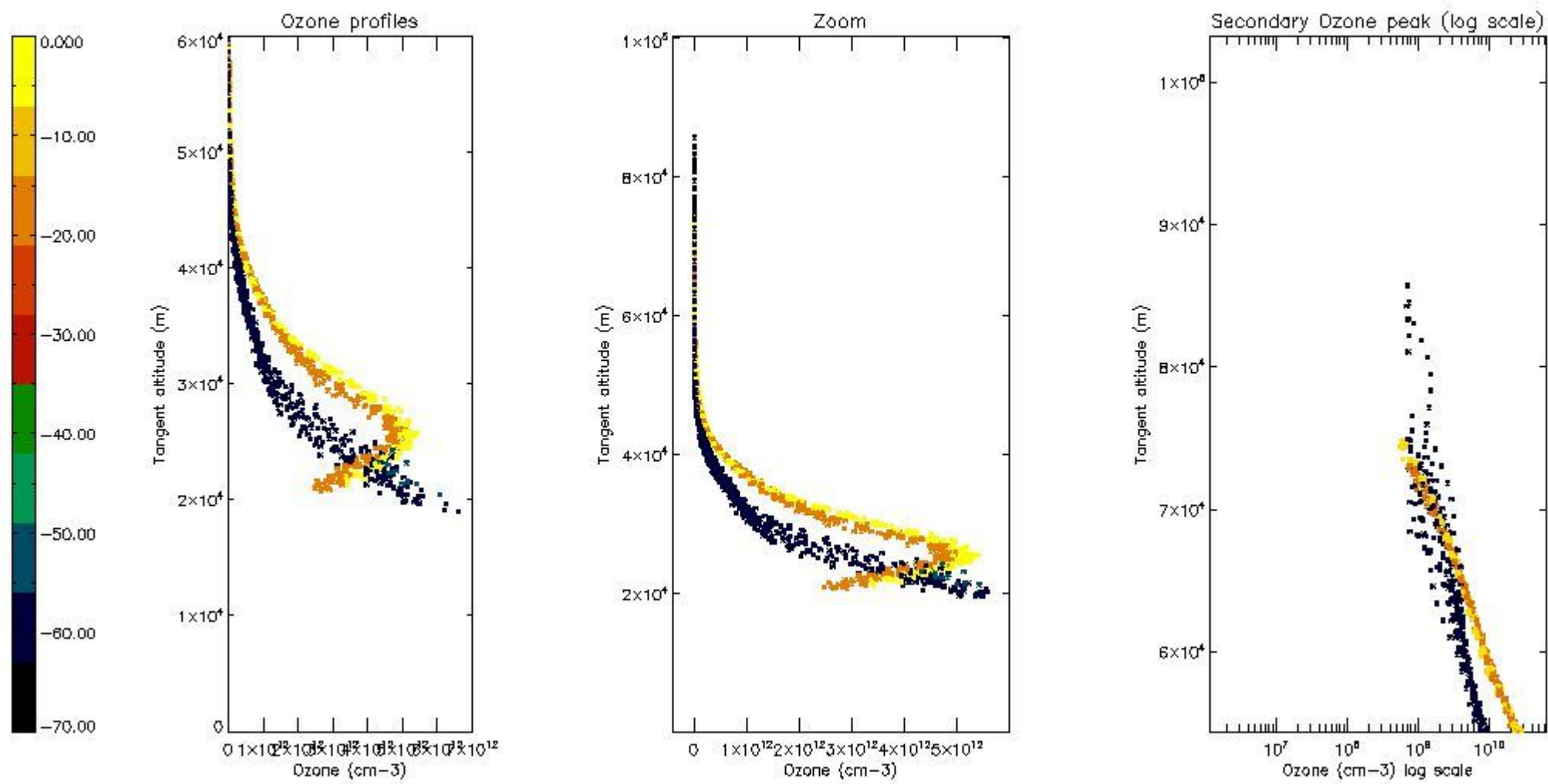
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



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

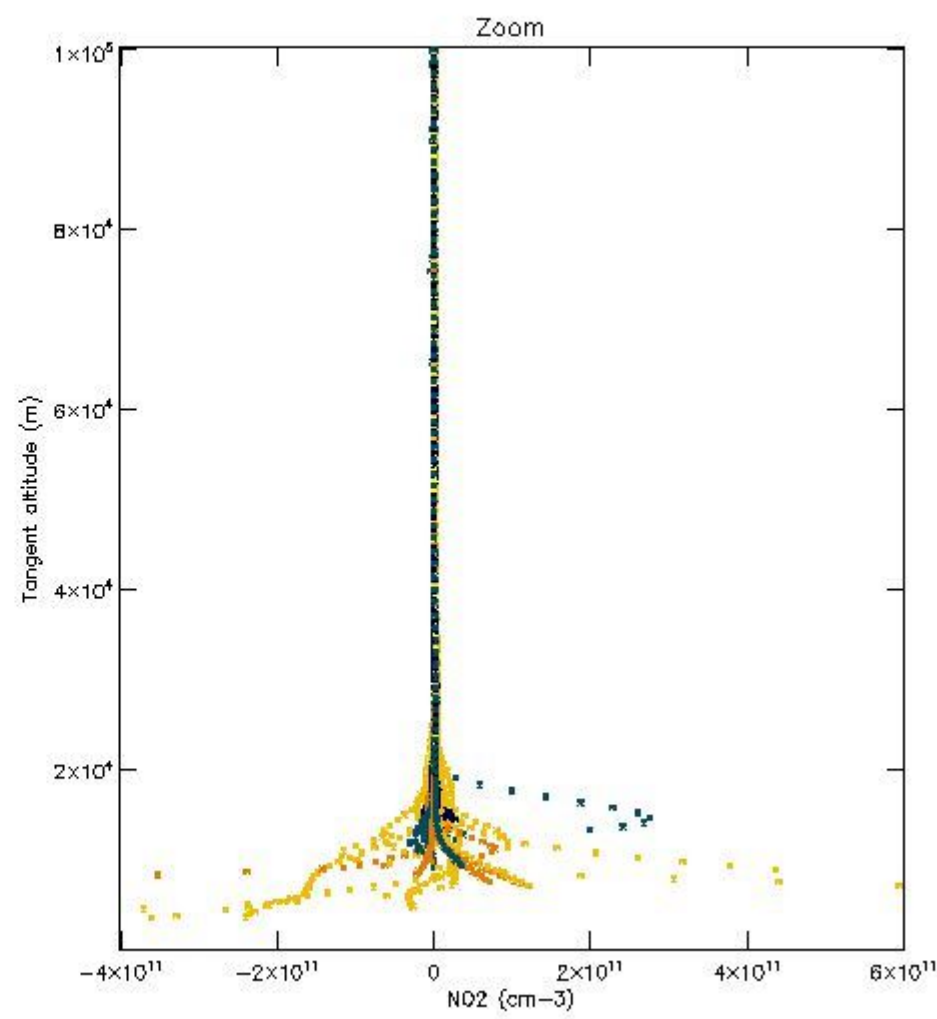
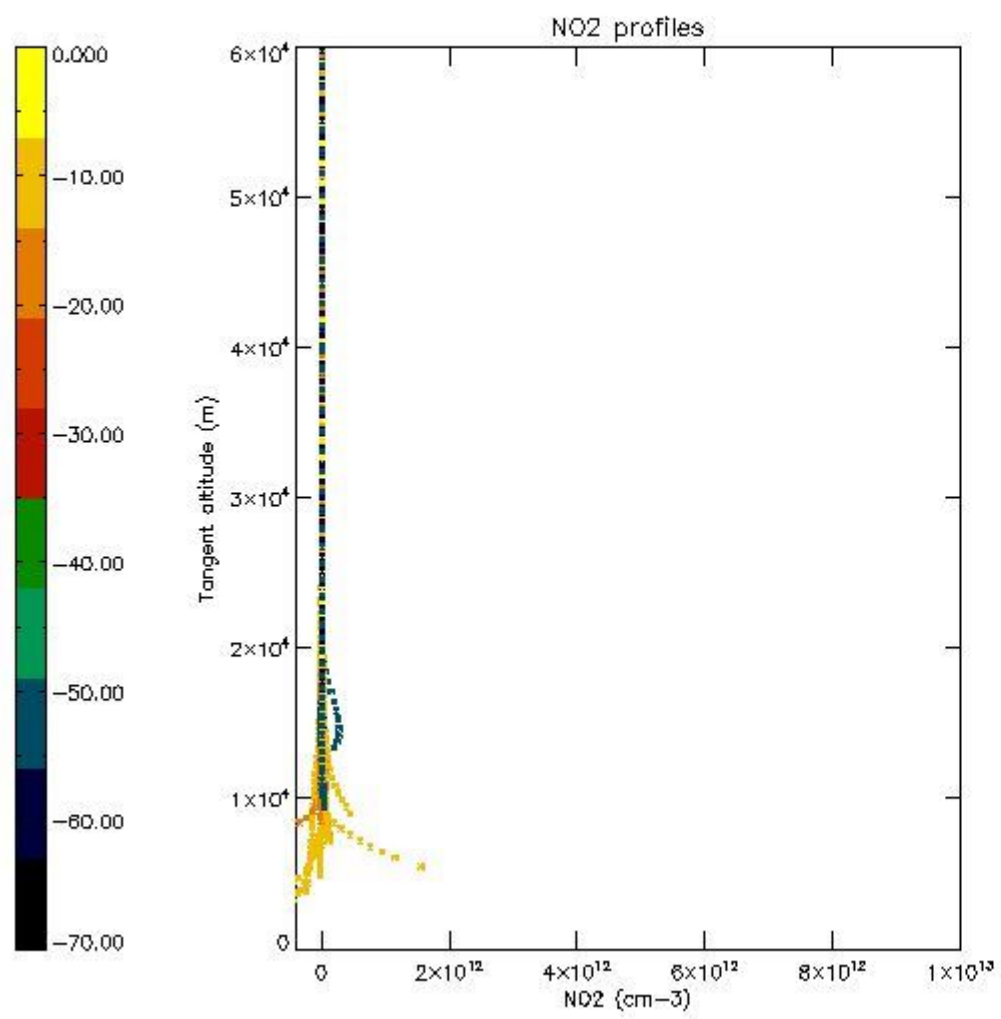
The colorbar represents the latitude.



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

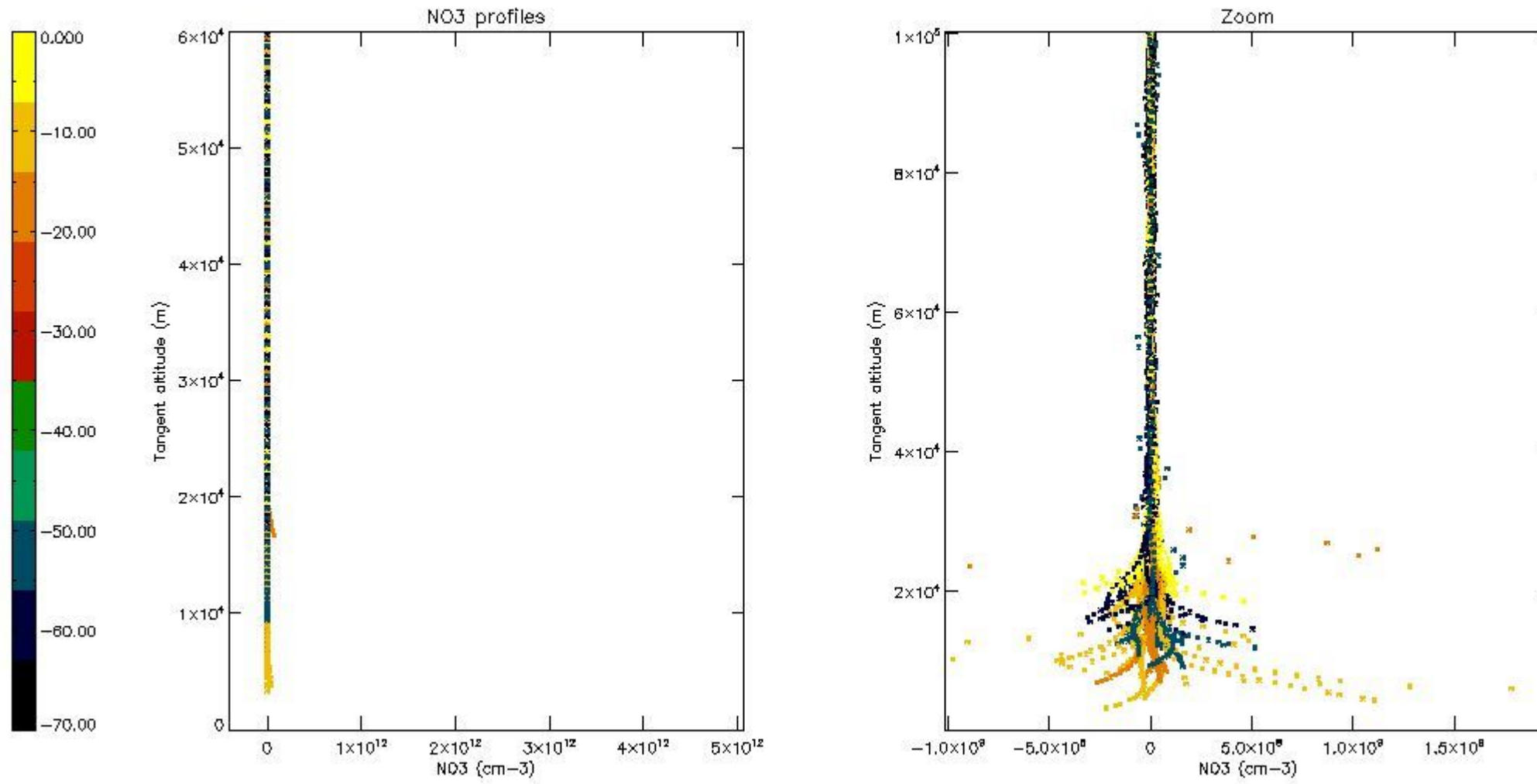
The colorbar represents the latitude.





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

The colorbar represents the latitude.



## 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	03-JUN-2006 00:07:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUN-2006 00:07:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUN-2006 00:07:28

# GOMOS Level 2 Daily Report

## SUMMARY

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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](#)

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#### [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 23:03:07
Data source version	GOMOS/6.01
Start time of products	03-06-2006 (03JUN2006 00:00:00)
Stop time of products	04-06-2006 (04JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	282
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__2PRFIN20060603_000728_000000442048_00159_22257_0469.N1	03-JUN-2006 00:07:28	Bright	43.500	53	43Bet And	2.0480	3300.0	87	22257	No
2	GOM_NL__2PRFIN20060603_001012_000000562048_00159_22257_0470.N1	03-JUN-2006 00:10:12	Twilight	56.000	58	21Alp And	2.0730	11000.	112	22257	No
3	GOM_NL__2PRFIN20060603_001518_000000532048_00159_22257_0471.N1	03-JUN-2006 00:15:18	Dark	53.000	140	88Gam Peg	2.8340	26000.	106	22257	No
4	GOM_NL__2PRFIN20060603_002419_000000472048_00159_22257_0472.N1	03-JUN-2006 00:24:19	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	22257	No
5	GOM_NL__2PRFIN20060603_003318_000000552048_00159_22257_0473.N1	03-JUN-2006 00:33:18	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	22257	No
6	GOM_NL__2PRFIN20060603_003627_000000532048_00160_22258_0454.N1	03-JUN-2006 00:36:27	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	22258	No
7	GOM_NL__2PRFIN20060603_003821_000000442048_00160_22258_0455.N1	03-JUN-2006 00:38:21	Dark	44.000	31	Alp Gru	1.7340	15200.	88	22258	No
8	GOM_NL__2PRFIN20060603_004313_000000432048_00160_22258_0456.N1	03-JUN-2006 00:43:13	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	22258	No
9	GOM_NL__2PRFIN20060603_005215_000000472048_00160_22258_0457.N1	03-JUN-2006 00:52:15	Straylight	47.000	40	The Sco	1.8590	7100.0	94	22258	No
10	GOM_NL__2PRFIN20060603_005402_000000472048_00160_22258_0458.N1	03-JUN-2006 00:54:02	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	22258	No
11	GOM_NL__2PRFIN20060603_005546_000000452048_00160_22258_0459.N1	03-JUN-2006 00:55:46	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	22258	No
12	GOM_NL__2PRFIN20060603_005746_000000432048_00160_22258_0460.N1	03-JUN-2006 00:57:46	Bright	42.500	136	23Tau Sco	2.8220	30000.	85	22258	No
13	GOM_NL__2PRFIN20060603_010120_000000442048_00160_22258_0461.N1	03-JUN-2006 01:01:20	Bright	44.000	86	35Eta Oph	2.4300	10200.	88	22258	No
14	GOM_NL__2PRFIN20060603_010311_000000482048_00160_22258_0462.N1	03-JUN-2006 01:03:11	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	22258	No
15	GOM_NL__2PRFIN20060603_010521_000000392048_00160_22258_0463.N1	03-JUN-2006 01:05:21	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22258	No
16	GOM_NL__2PRFIN20060603_011321_000000412048_00160_22258_0464.N1	03-JUN-2006 01:13:21	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22258	No
17	GOM_NL__2PRFIN20060603_011643_000000422048_00160_22258_0465.N1	03-JUN-2006 01:16:43	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22258	No
18	GOM_NL__2PRFIN20060603_012445_000000362048_00160_22258_0466.N1	03-JUN-2006 01:24:45	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	22258	No
19	GOM_NL__2PRFIN20060603_013500_000000462048_00160_22258_0467.N1	03-JUN-2006 01:35:00	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22258	No
20	GOM_NL__2PRFIN20060603_014014_000000402048_00160_22258_0468.N1	03-JUN-2006 01:40:14	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	22258	No
21	GOM_NL__2PRFIN20060603_014804_000000482048_00160_22258_0469.N1	03-JUN-2006 01:48:04	Bright	48.000	53	43Bet And	2.0480	3300.0	96	22258	No
22	GOM_NL__2PRFIN20060603_015049_000000572048_00160_22258_0470.N1	03-JUN-2006 01:50:49	Twilight	56.500	58	21Alp And	2.0730	11000.	113	22258	No
23	GOM_NL__2PRFIN20060603_015554_000000502048_00160_22258_0471.N1	03-JUN-2006 01:55:54	Dark	50.000	140	88Gam Peg	2.8340	26000.	100	22258	No
24	GOM_NL__2PRFIN20060603_020456_000000492048_00160_22258_0472.N1	03-JUN-2006 02:04:56	Dark	49.000	52	16Bet Cet	2.0370	4500.0	98	22258	No
25	GOM_NL__2PRFIN20060603_021356_000000542048_00160_22258_0473.N1	03-JUN-2006 02:13:56	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	22258	No
26	GOM_NL__2PRFIN20060603_021704_000000602048_00161_22259_0455.N1	03-JUN-2006 02:17:04	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	22259	No
27	GOM_NL__2PRFIN20060603_021858_000000462048_00161_22259_0456.N1	03-JUN-2006 02:18:58	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22259	No
28	GOM_NL__2PRFIN20060603_022350_000000432048_00161_22259_0457.N1	03-JUN-2006 02:23:50	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	22259	No
29	GOM_NL__2PRFIN20060603_023251_000000462048_00161_22259_0458.N1	03-JUN-2006 02:32:51	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22259	No
30	GOM_NL__2PRFIN20060603_023439_000000472048_00161_22259_0459.N1	03-JUN-2006 02:34:39	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	22259	No
31	GOM_NL__2PRFIN20060603_023622_000000472048_00161_22259_0460.N1	03-JUN-2006 02:36:22	Twilight	47.000	75	26Eps Sco	2.2910	4250.0	94	22259	No
32	GOM_NL__2PRFIN20060603_023822_000000542048_00161_22259_0461.N1	03-JUN-2006 02:38:22	Bright	53.500	136	23Tau Sco	2.8220	30000.	107	22259	No
33	GOM_NL__2PRFIN20060603_024157_000000442048_00161_22259_0462.N1	03-JUN-2006 02:41:57	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	22259	No
34	GOM_NL__2PRFIN20060603_024347_000000402048_00161_22259_0463.N1	03-JUN-2006 02:43:47	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	22259	No
35	GOM_NL__2PRFIN20060603_024557_000000392048_00161_22259_0464.N1	03-JUN-2006 02:45:57	Bright	39.000	120	1Del Oph	2.7340	3200.0	78	22259	No
36	GOM_NL__2PRFIN20060603_025356_000000432048_00161_22259_0465.N1	03-JUN-2006 02:53:56	Bright	43.000	127	27Bet Her	2.7810	4700.0	86	22259	No
37	GOM_NL__2PRFIN20060603_025719_000000422048_00161_22259_0466.N1	03-JUN-2006 02:57:19	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	22259	No
38	GOM_NL__2PRFIN20060603_030520_000000352048_00161_22259_0467.N1	03-JUN-2006 03:05:20	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	22259	No
39	GOM_NL__2PRFIN20060603_031536_000000462048_00161_22259_0468.N1	03-JUN-2006 03:15:36	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	22259	No
40	GOM_NL__2PRFIN20060603_032050_000000372048_00161_22259_0469.N1	03-JUN-2006 03:20:50	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	22259	No
41	GOM_NL__2PRFIN20060603_032840_000000492048_00161_22259_0470.N1	03-JUN-2006 03:28:40	Bright	48.500	53	43Bet And	2.0480	3300.0	97	22259	No
42	GOM_NL__2PRFIN20060603_033125_000000572048_00161_22259_0471.N1	03-JUN-2006 03:31:25	Twilight	56.500	58	21Alp And	2.0730	11000.	113	22259	No









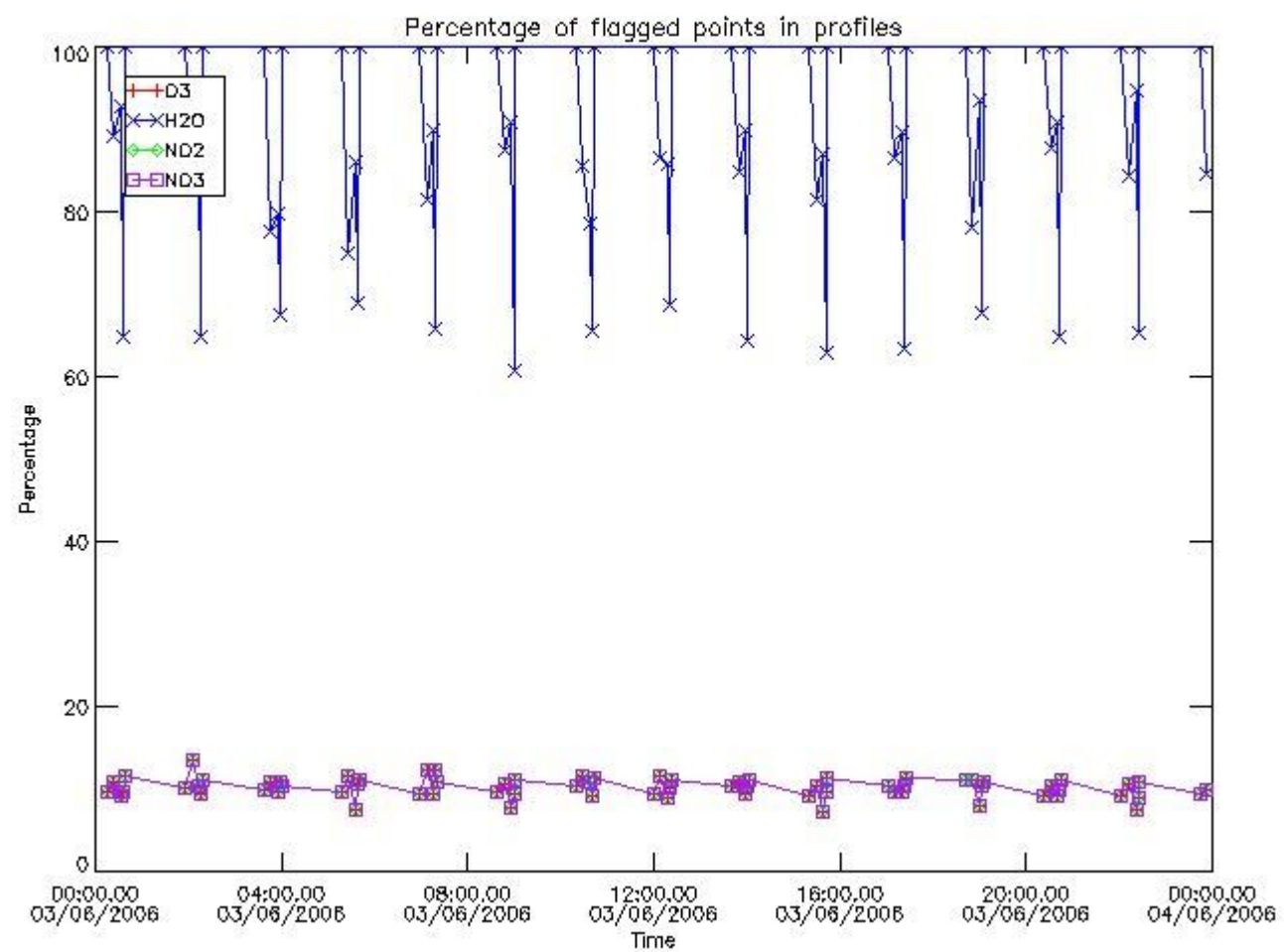


279	GOM_NL__2PRFIN20060603_233553_000000482048_00173_22271_0510.N1	03-JUN-2006 23:35:53	Bright	47.500	53	43Bet And	2.0480	3300.0	95	22271	No
280	GOM_NL__2PRFIN20060603_233839_000000442048_00173_22271_0511.N1	03-JUN-2006 23:38:39	Twi_and_stray	44.000	58	21Alp And	2.0730	11000.	88	22271	No
281	GOM_NL__2PRFIN20060603_234349_000000542048_00173_22271_0512.N1	03-JUN-2006 23:43:49	Dark	53.500	140	88Gam Peg	2.8340	26000.	107	22271	No
282	GOM_NL__2PRFIN20060603_235252_000000522048_00173_22271_0513.N1	03-JUN-2006 23:52:52	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22271	No

### 3. Quality information per product

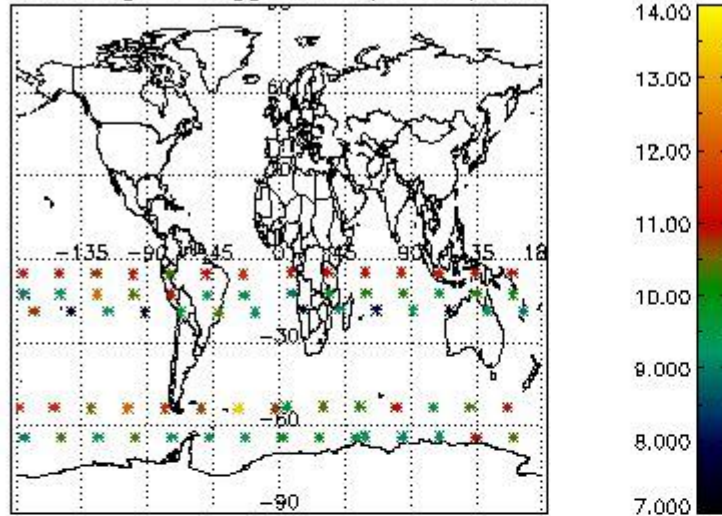
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

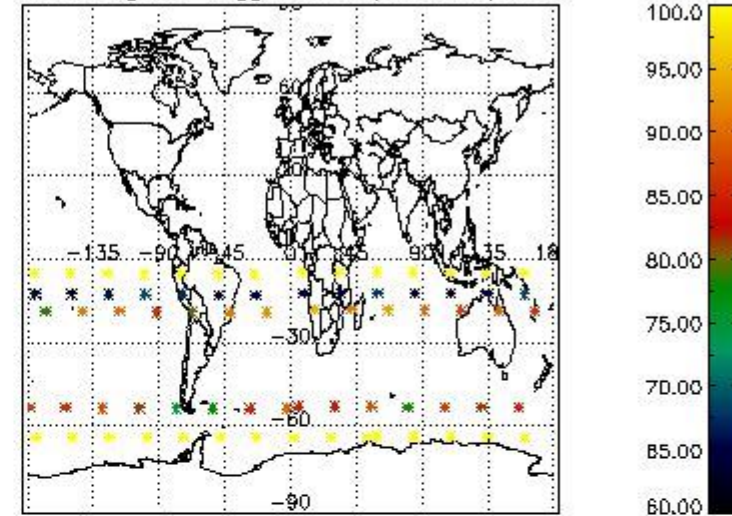


#### 3.2 Plot quality information per product (world map)

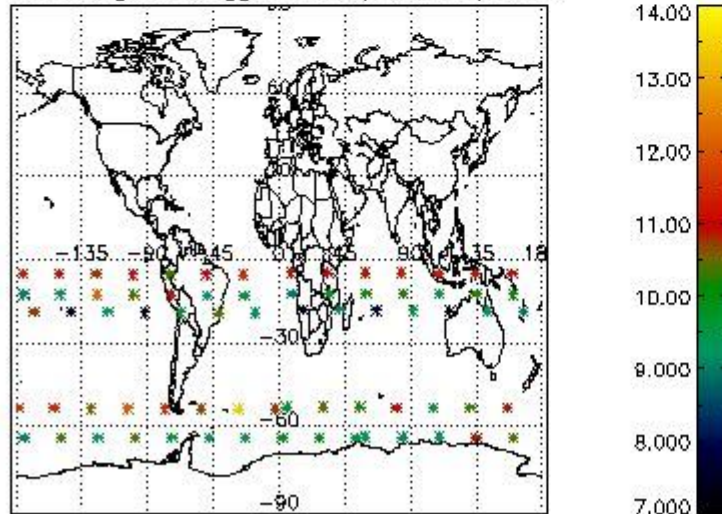
Percentage of flagged data per O3 profile



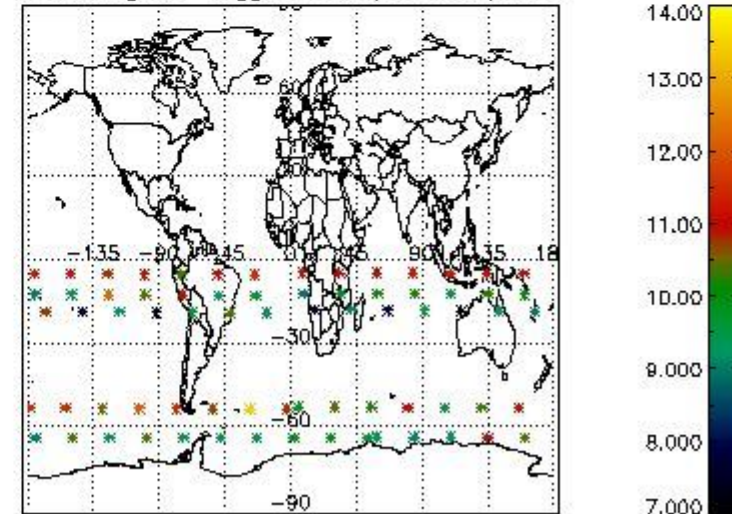
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

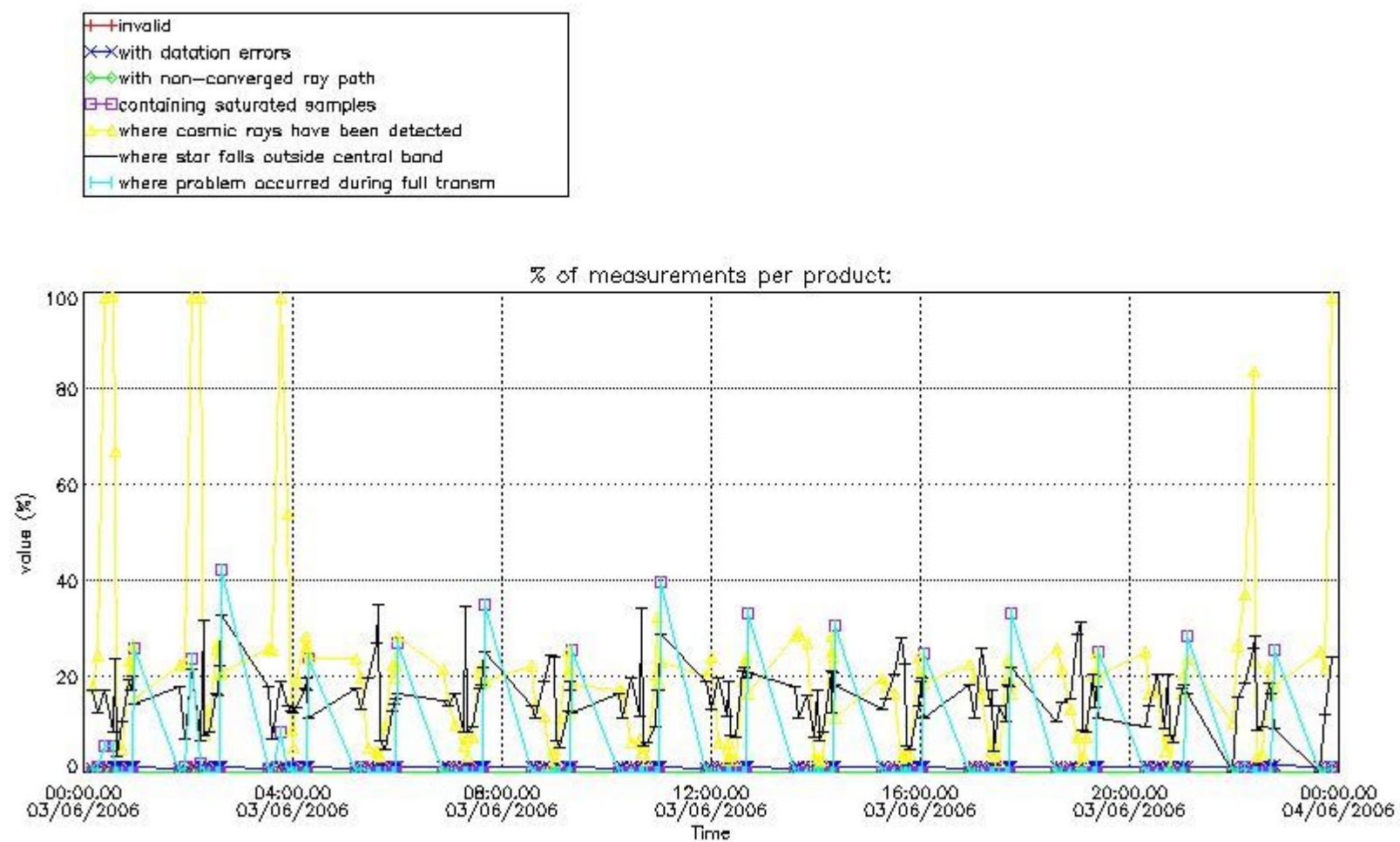


#### 4. Level 1 quality information per product

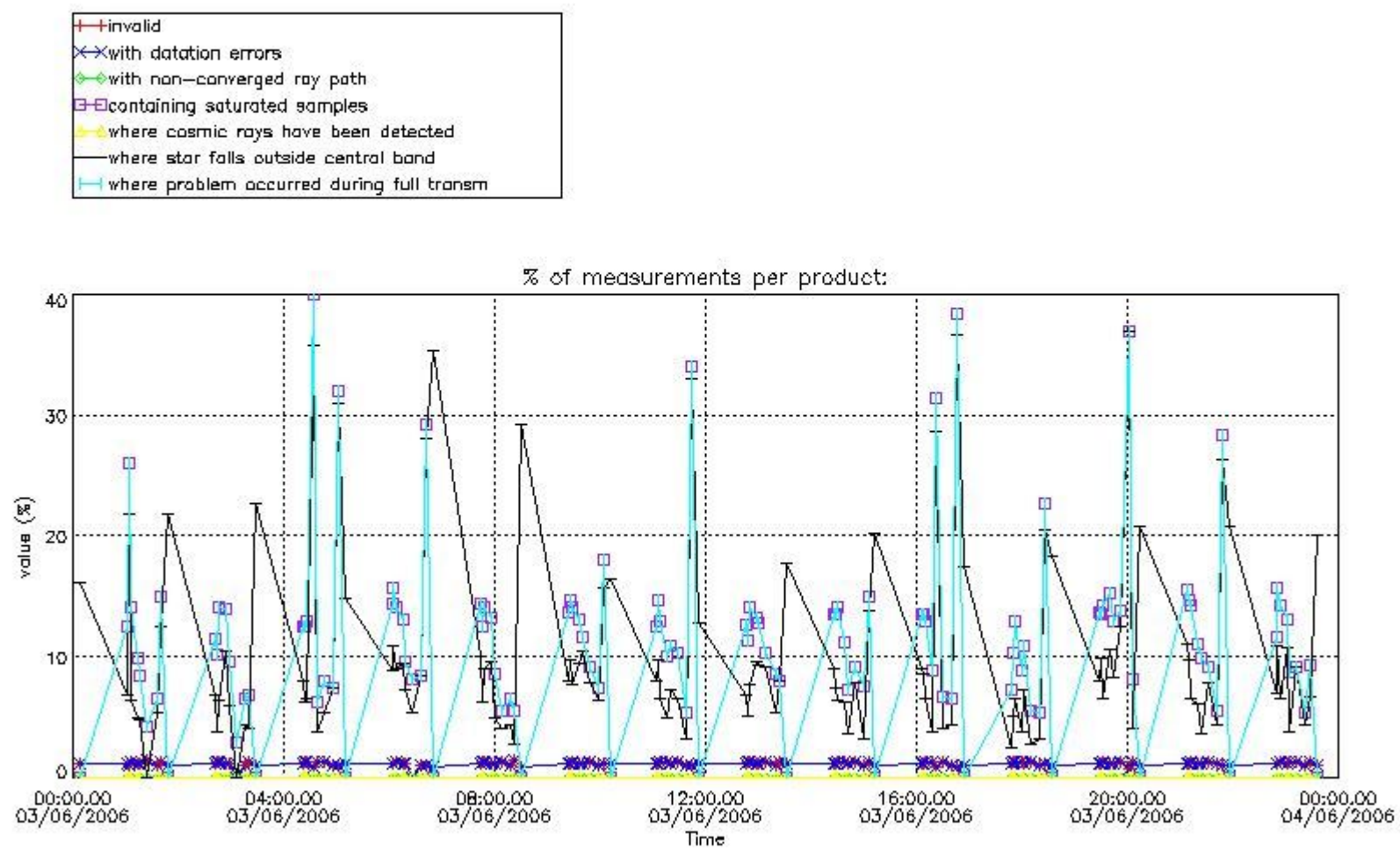
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

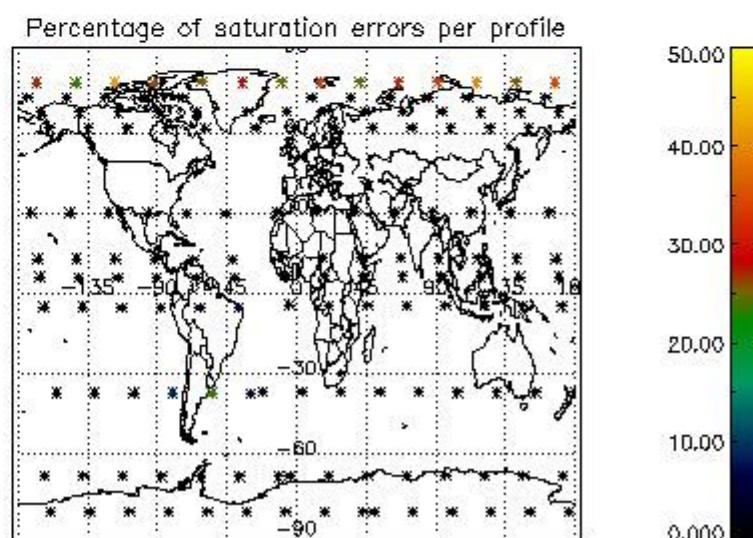
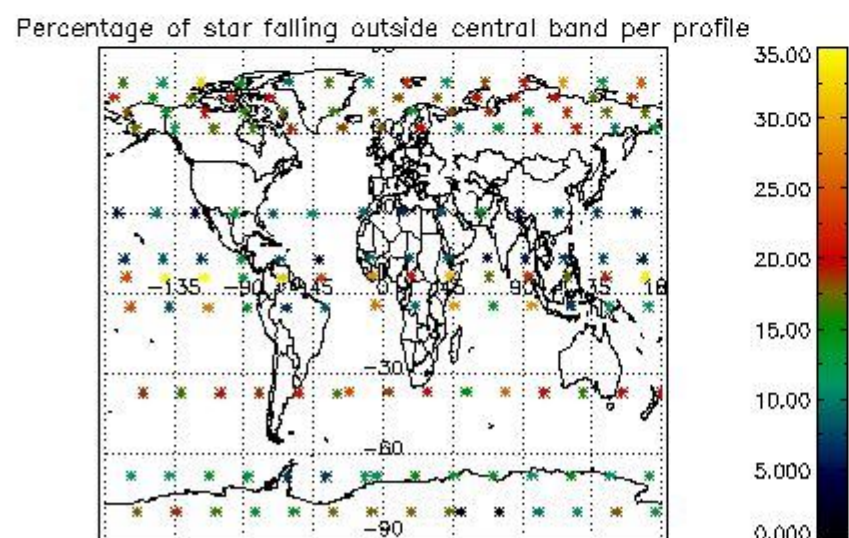
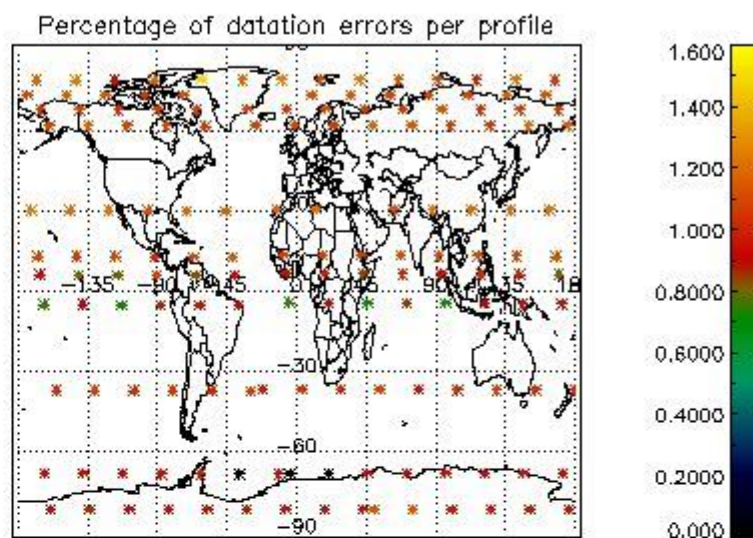
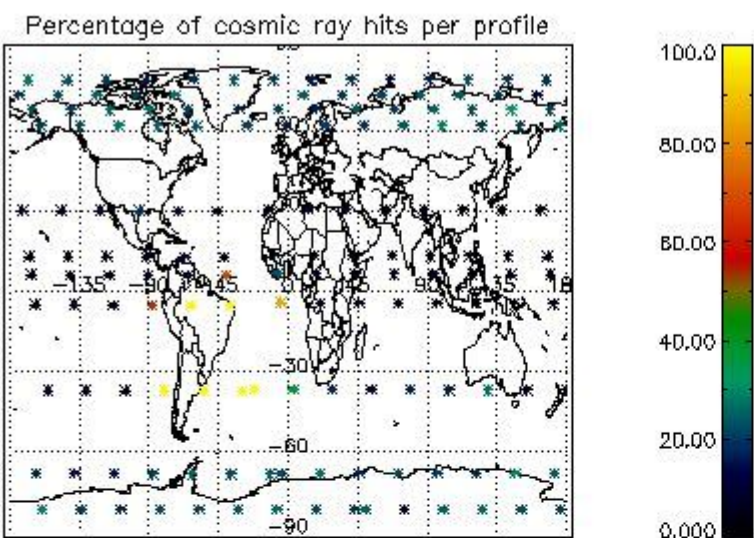


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

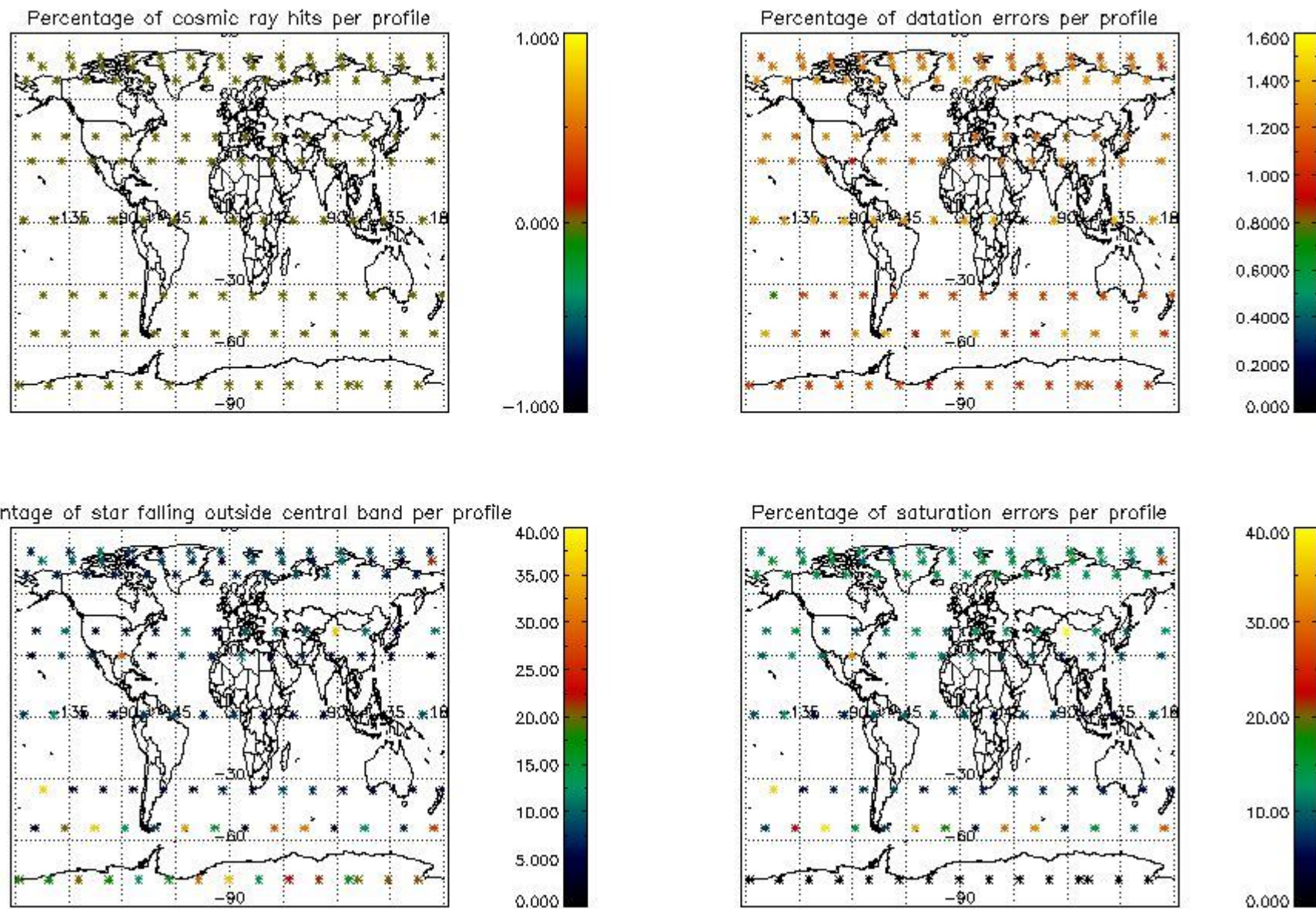


*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

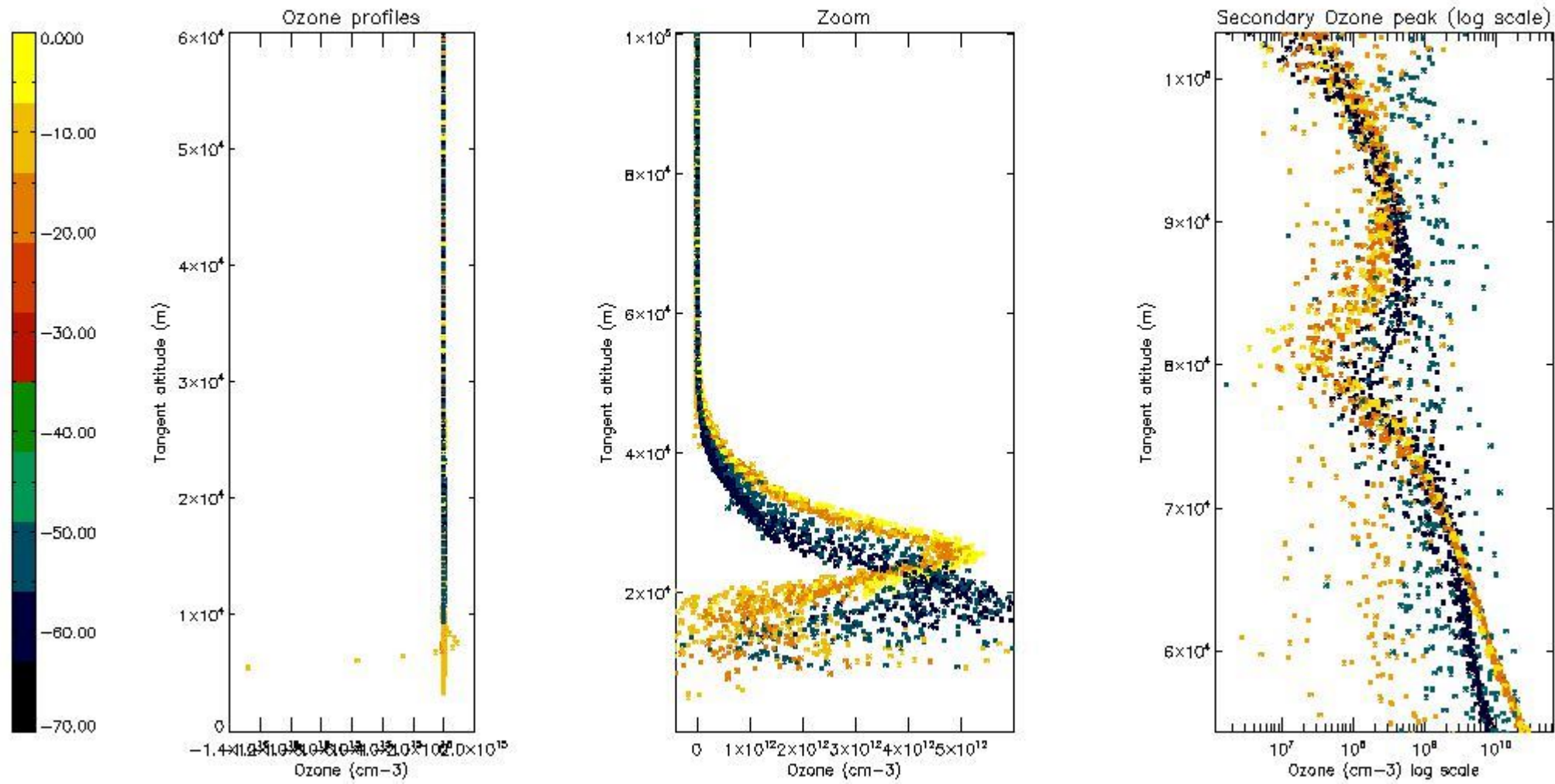
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	16

STD < 10	12
STD < 5	9

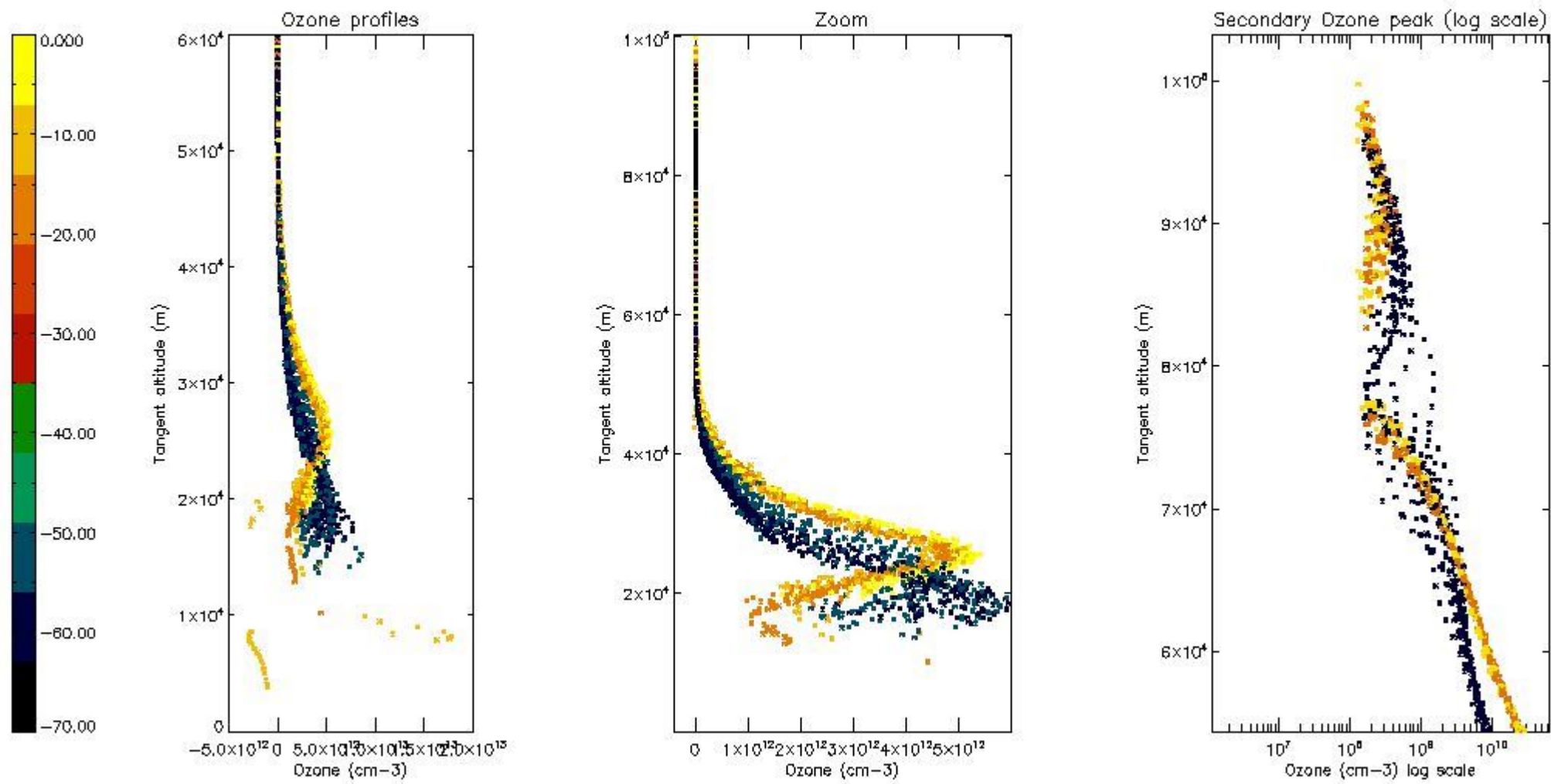
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

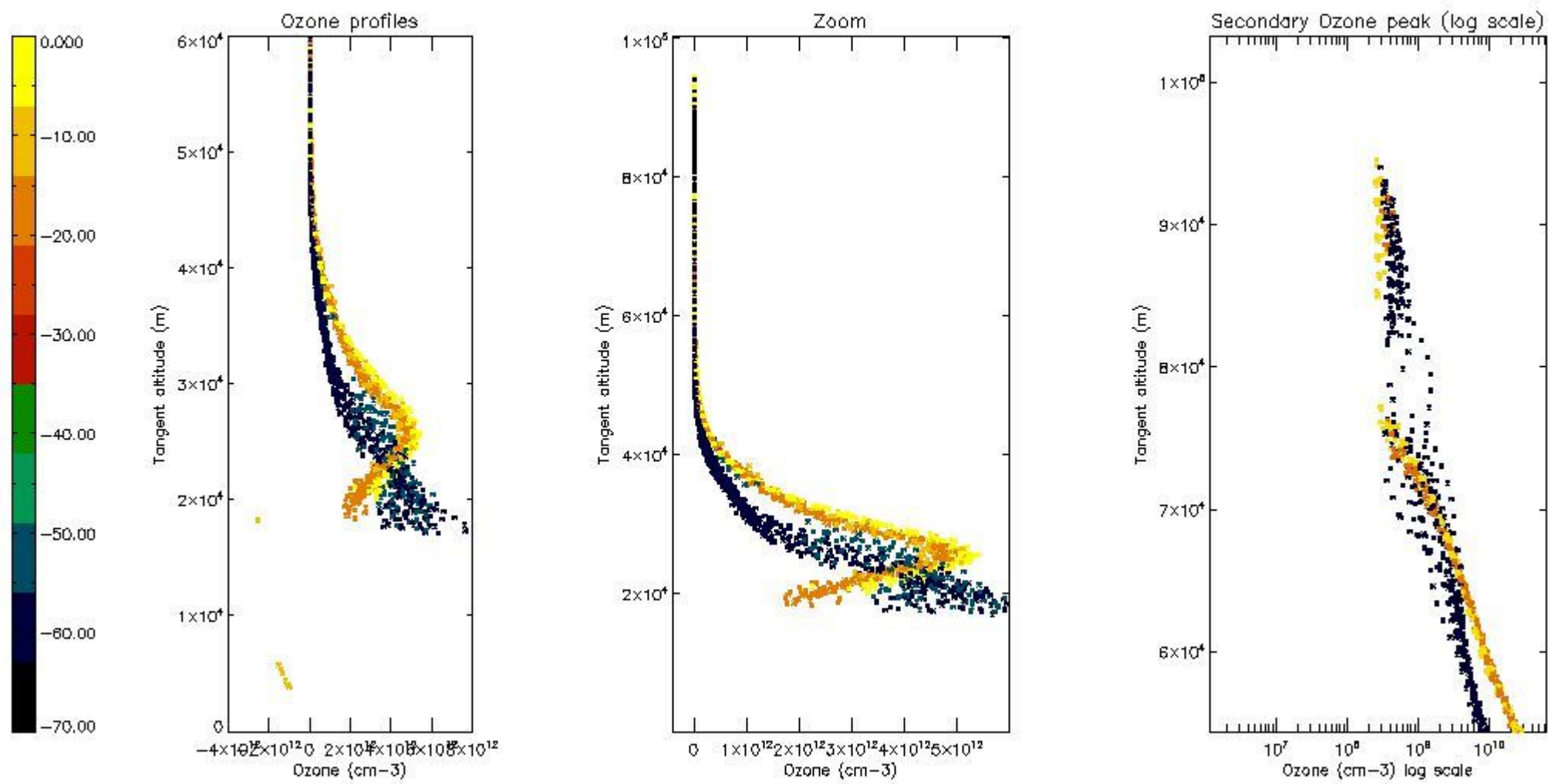
The colorbar represents the latitude.



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

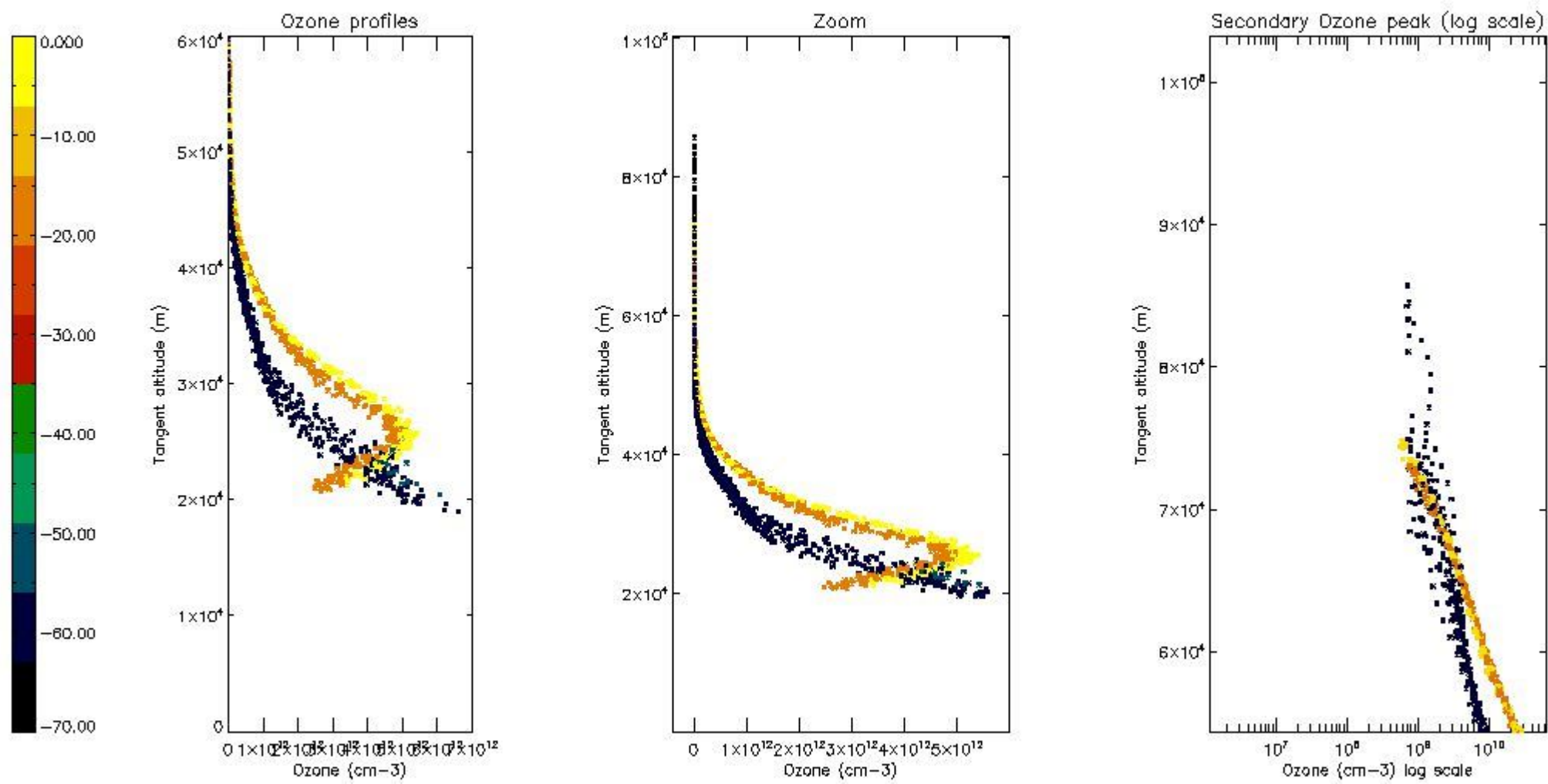
The colorbar represents the latitude.





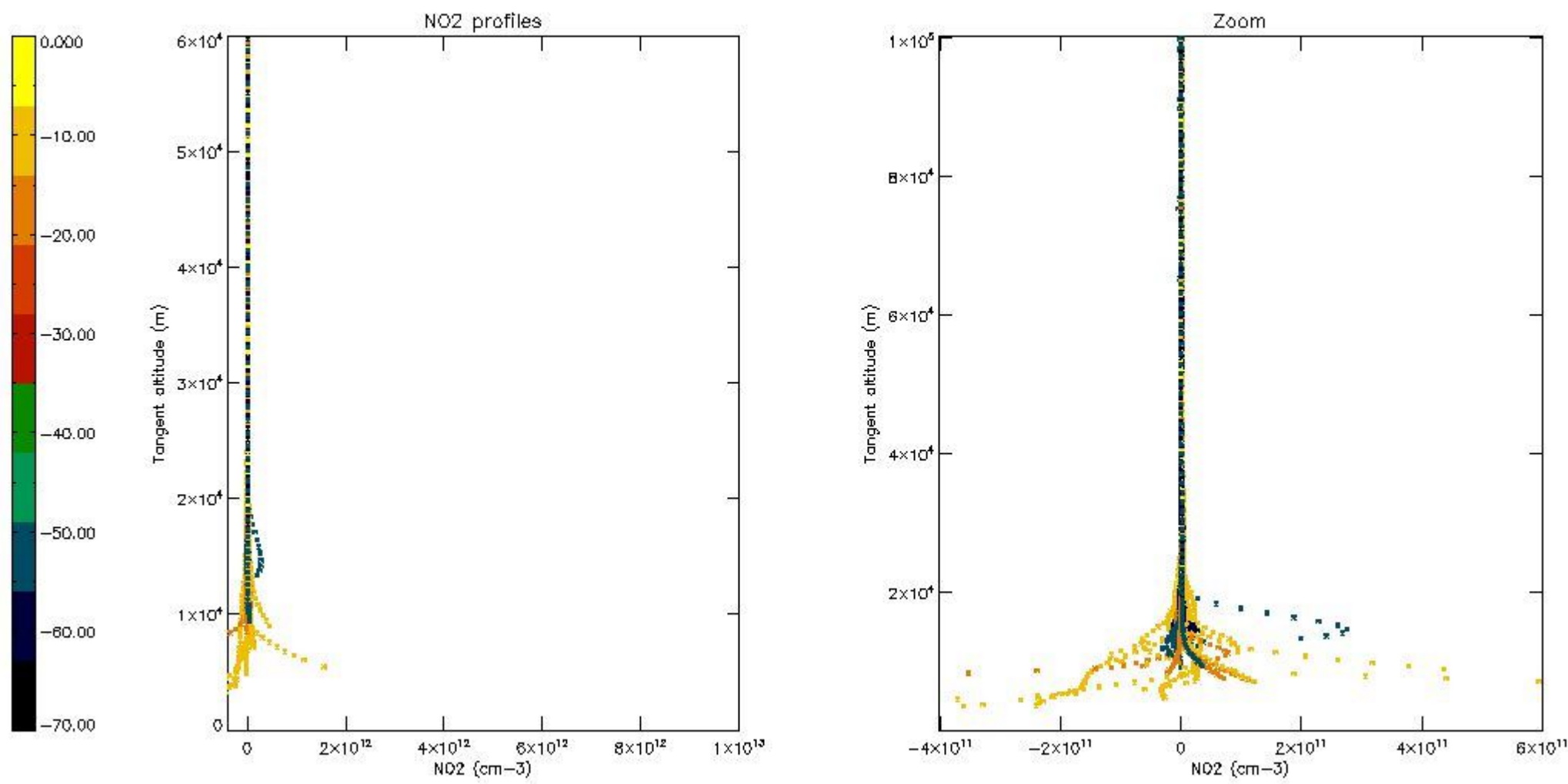
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



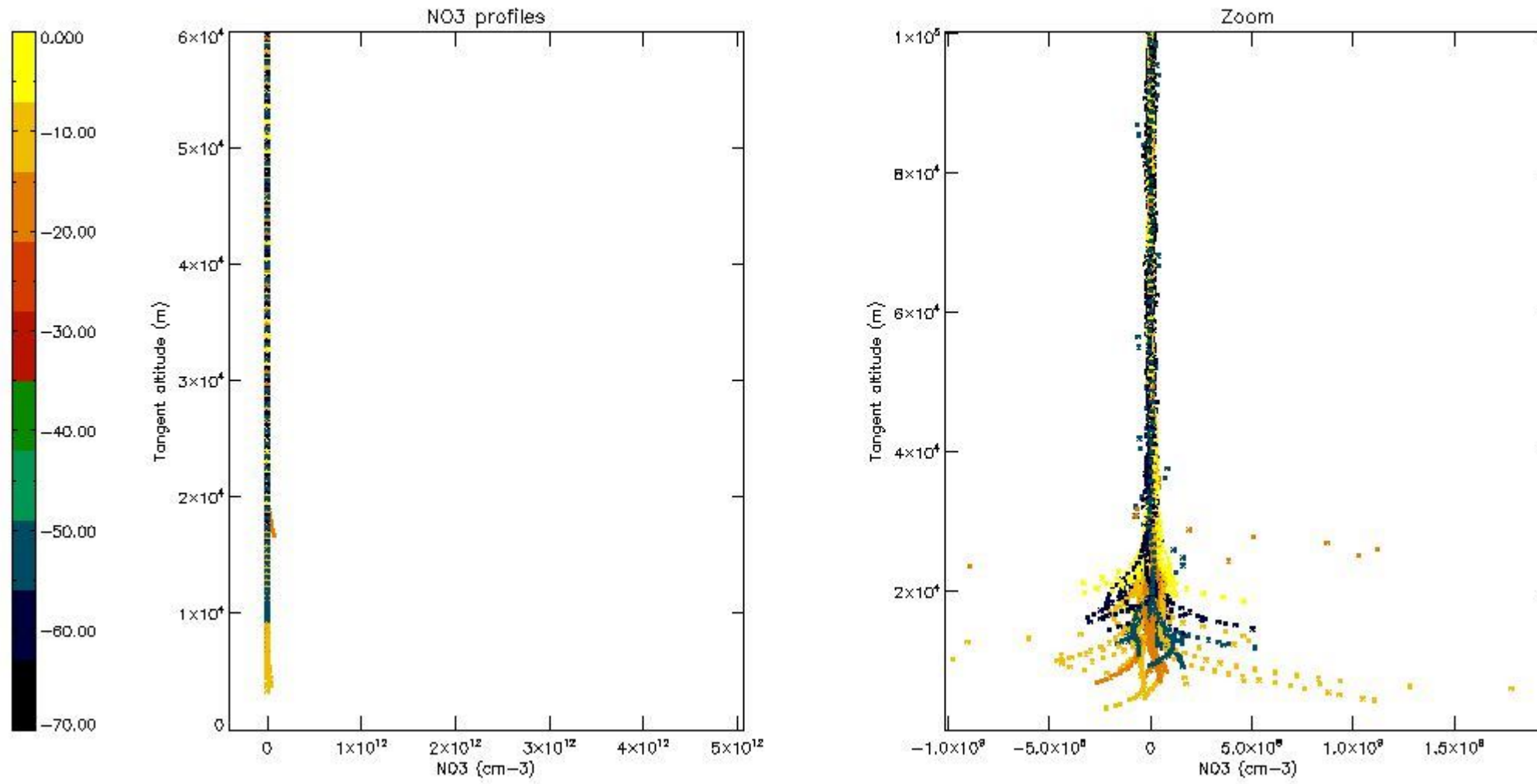
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

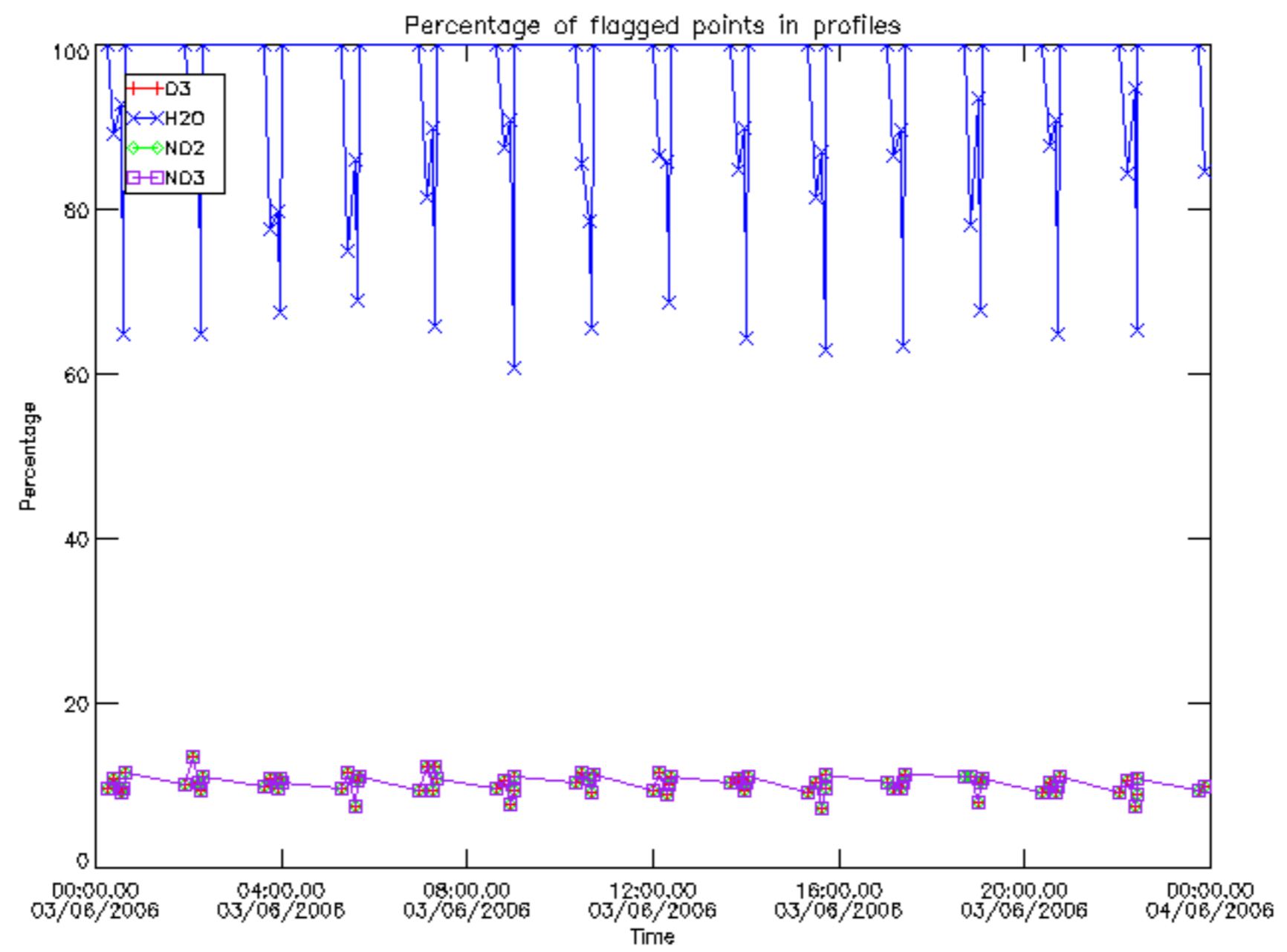
The colorbar represents the latitude.



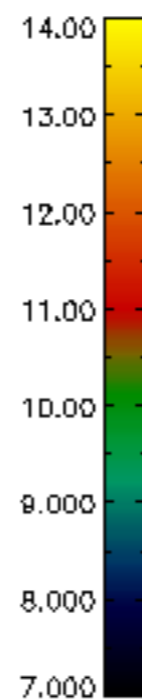
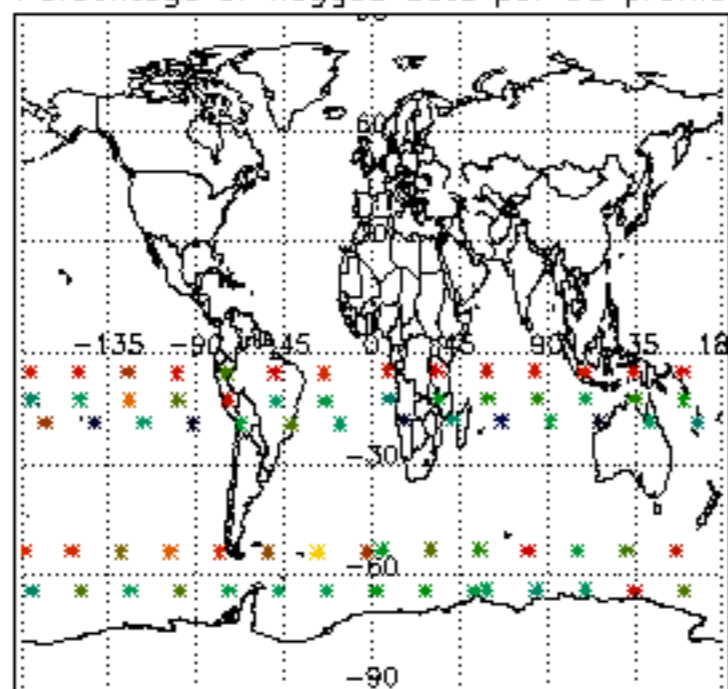
## 6. Auxiliary Data Files used for the production reported in section 2

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.

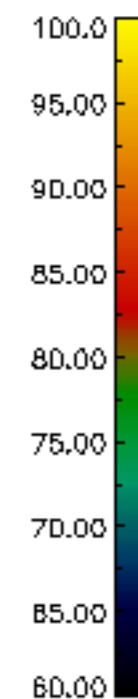
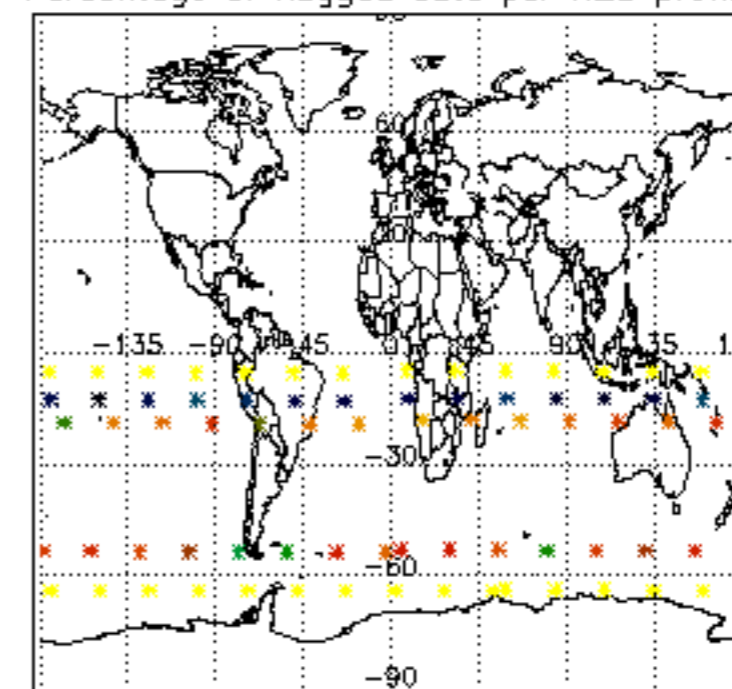
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUN-2006 00:07:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUN-2006 00:07:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUN-2006 00:07:28



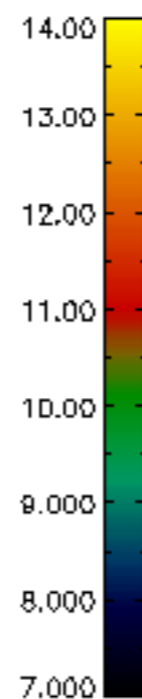
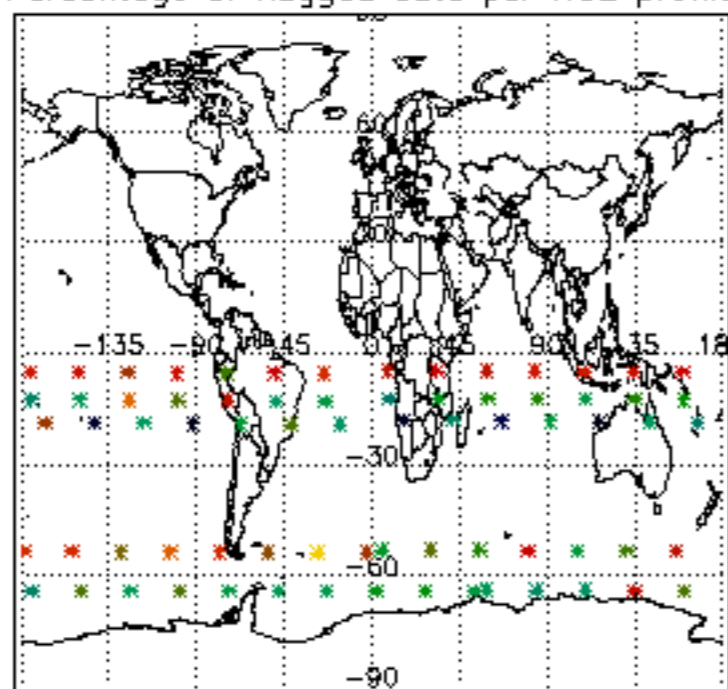
Percentage of flagged data per D3 profile



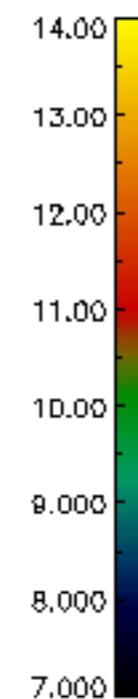
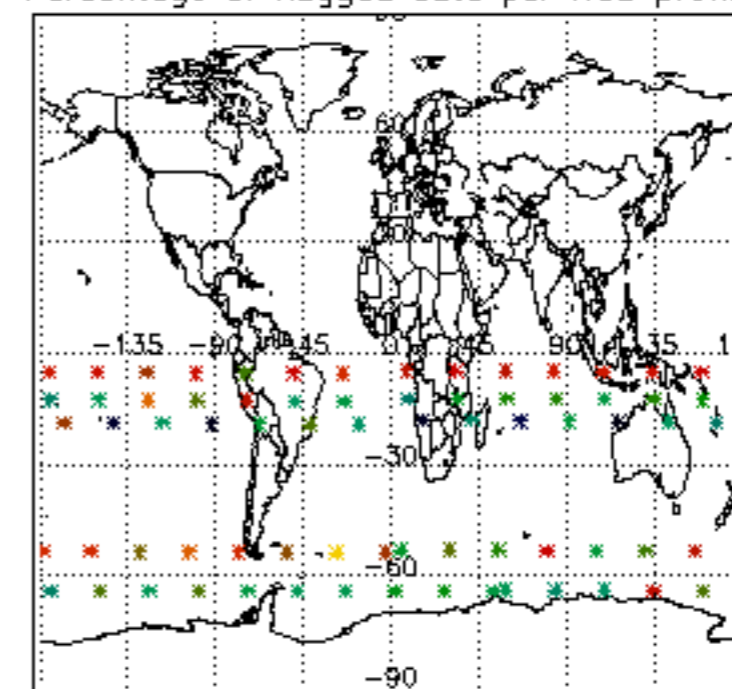
Percentage of flagged data per H2O profile

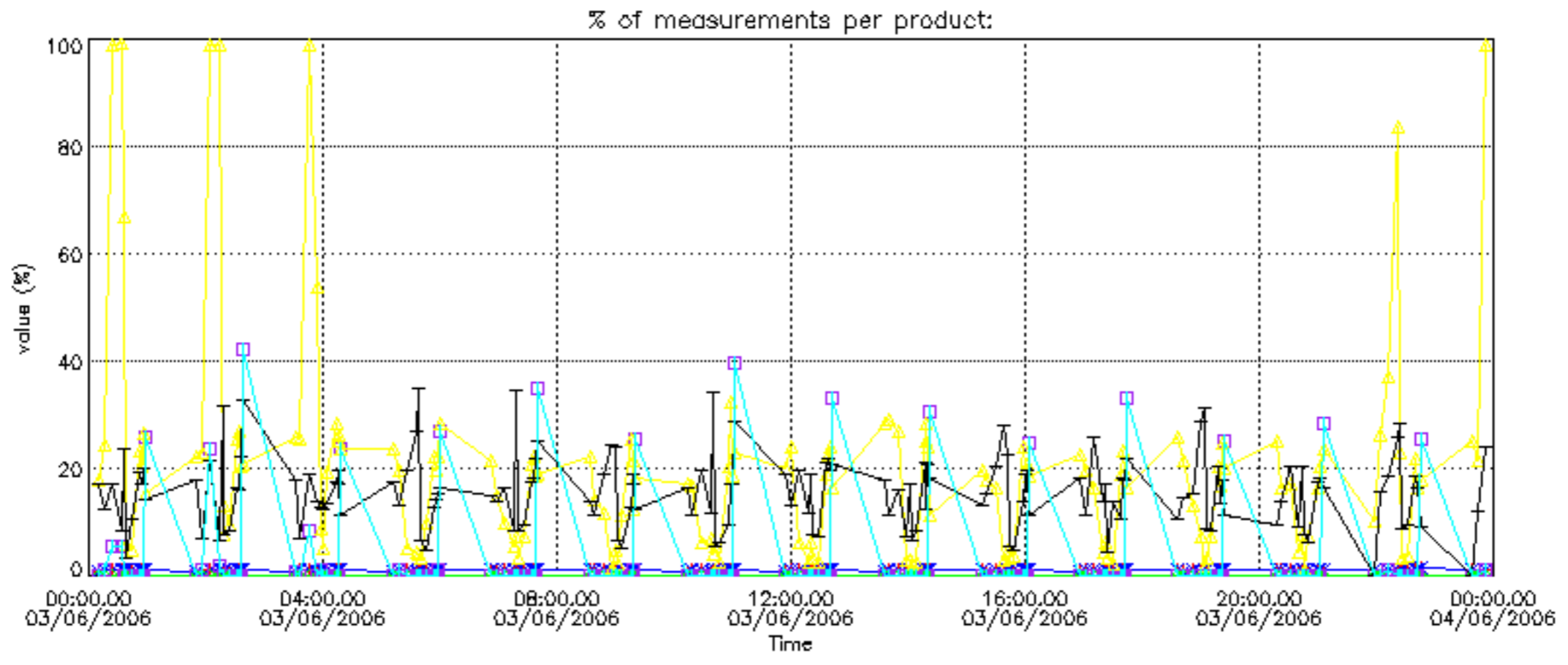


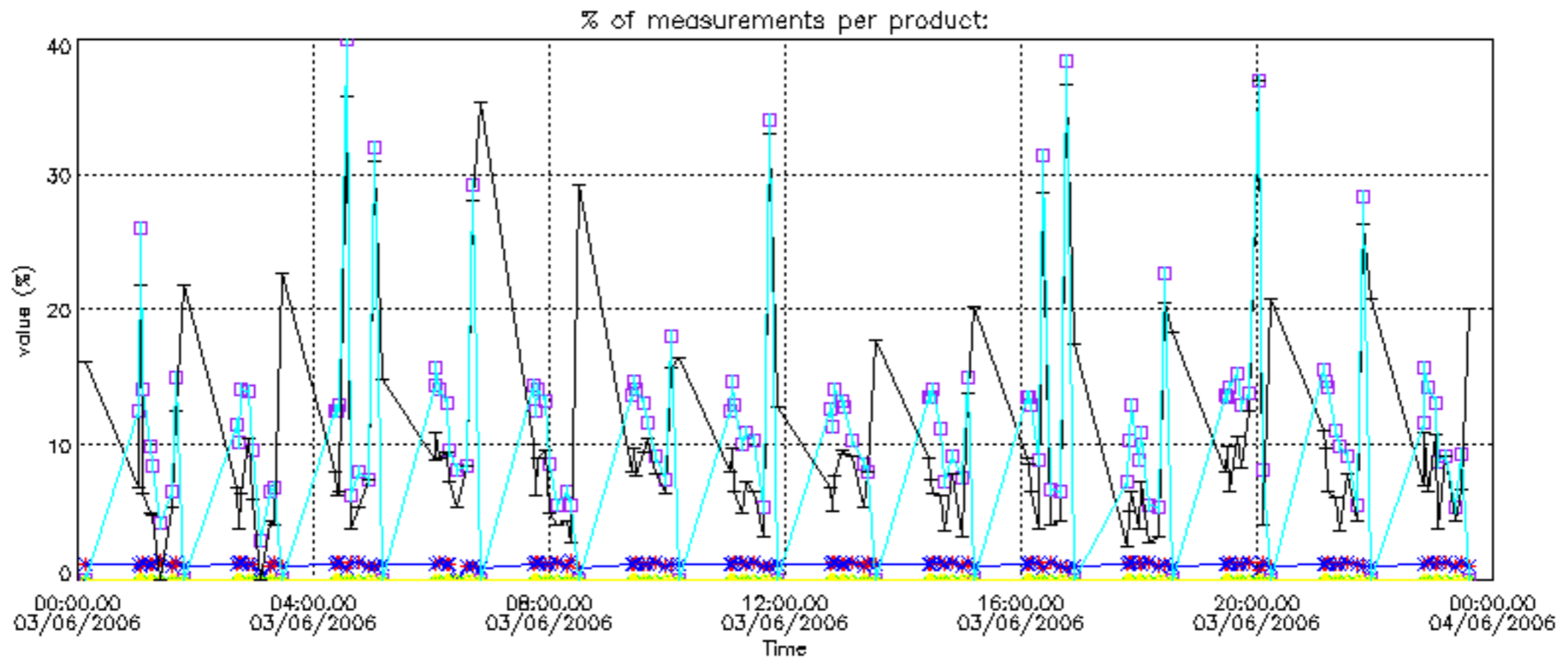
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

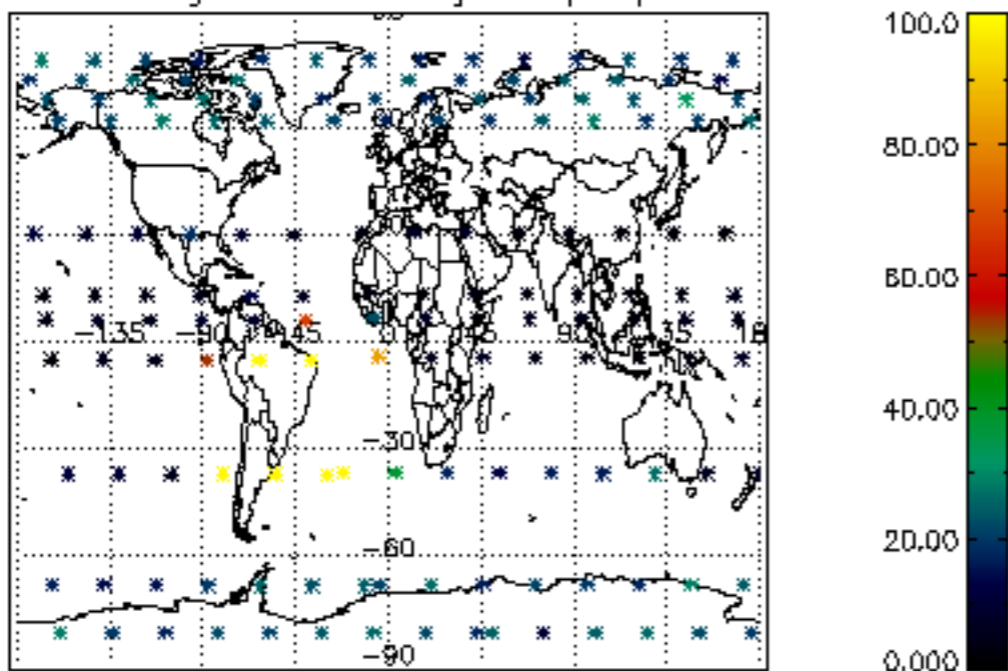




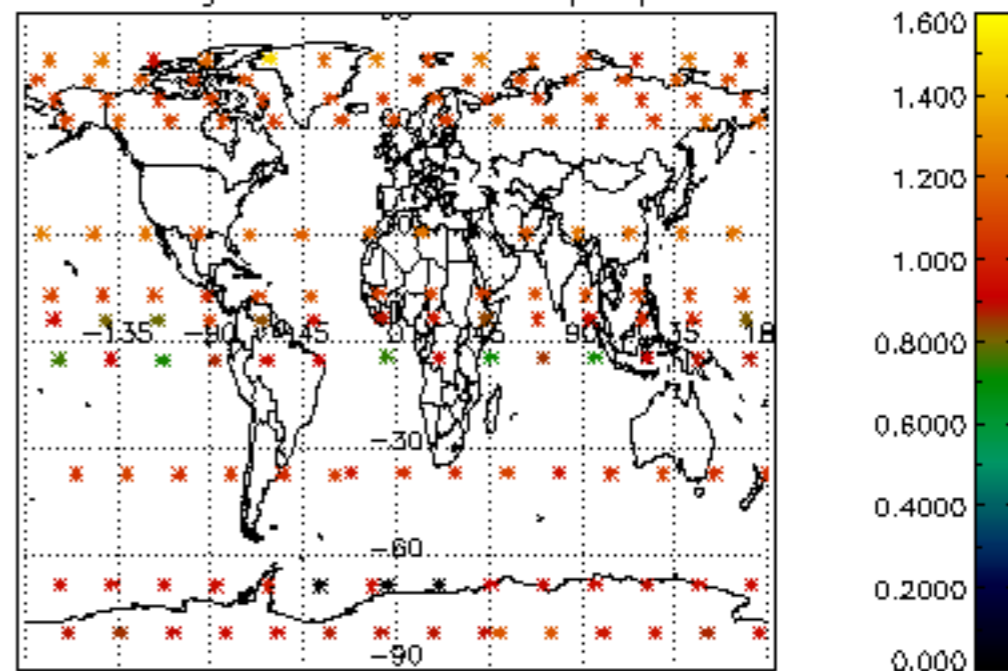




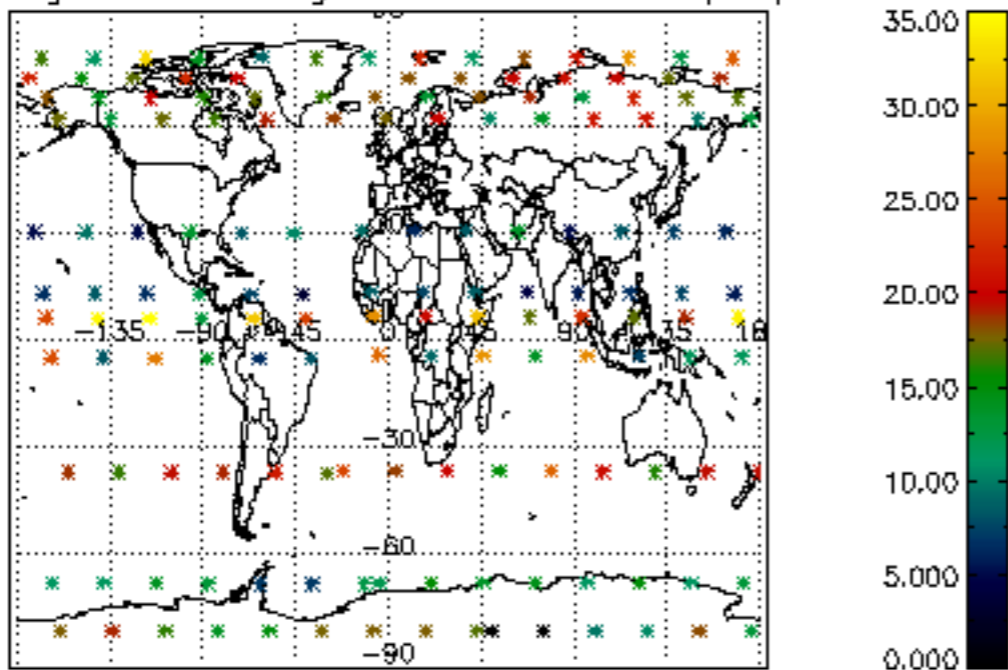
Percentage of cosmic ray hits per profile



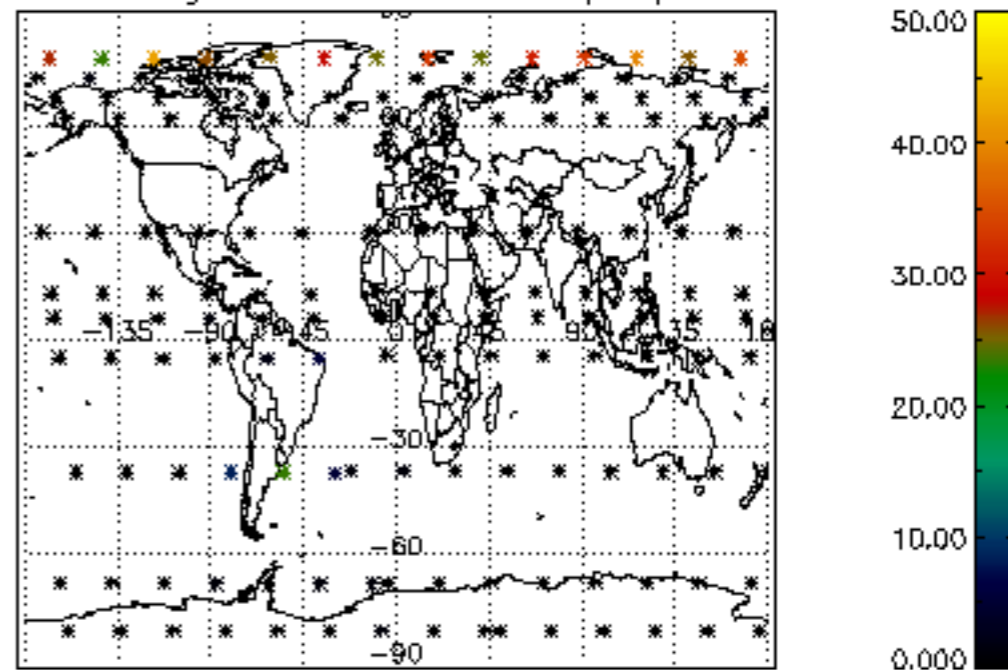
Percentage of datation errors per profile



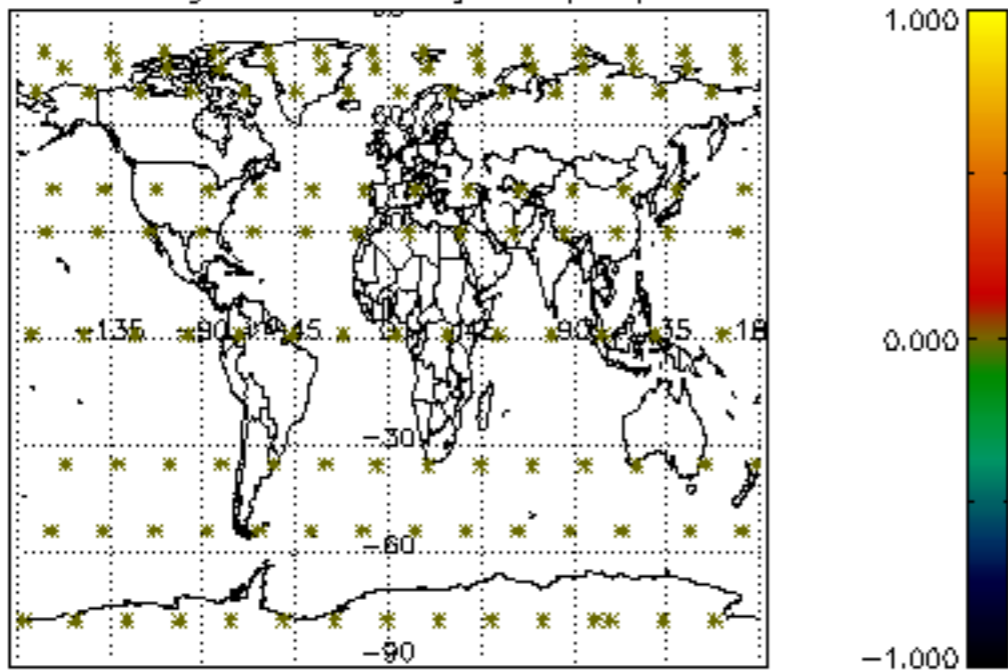
Percentage of star falling outside central band per profile



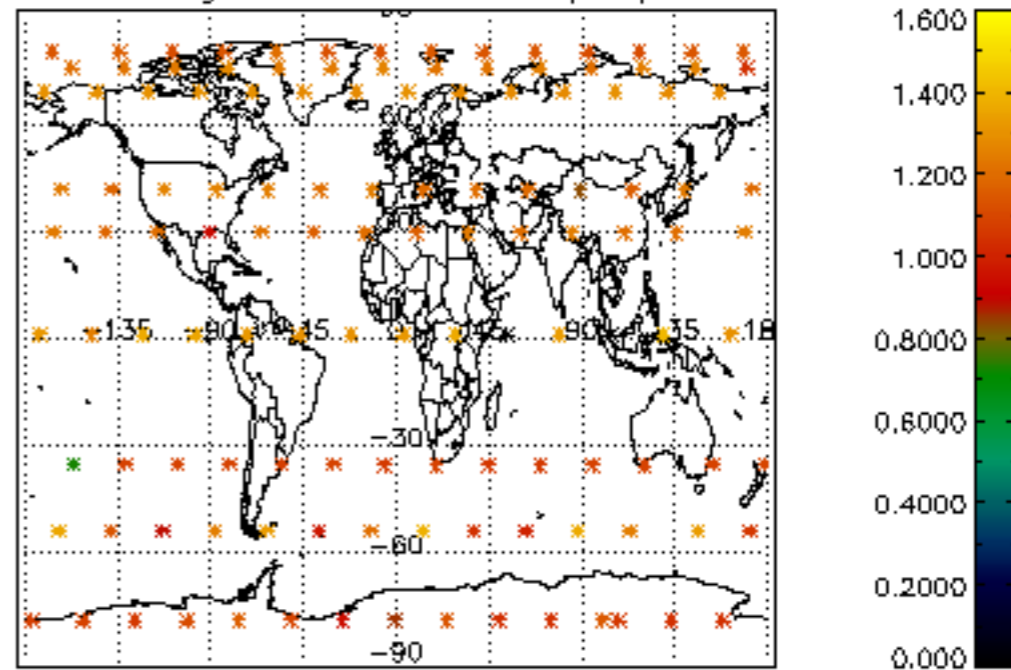
Percentage of saturation errors per profile



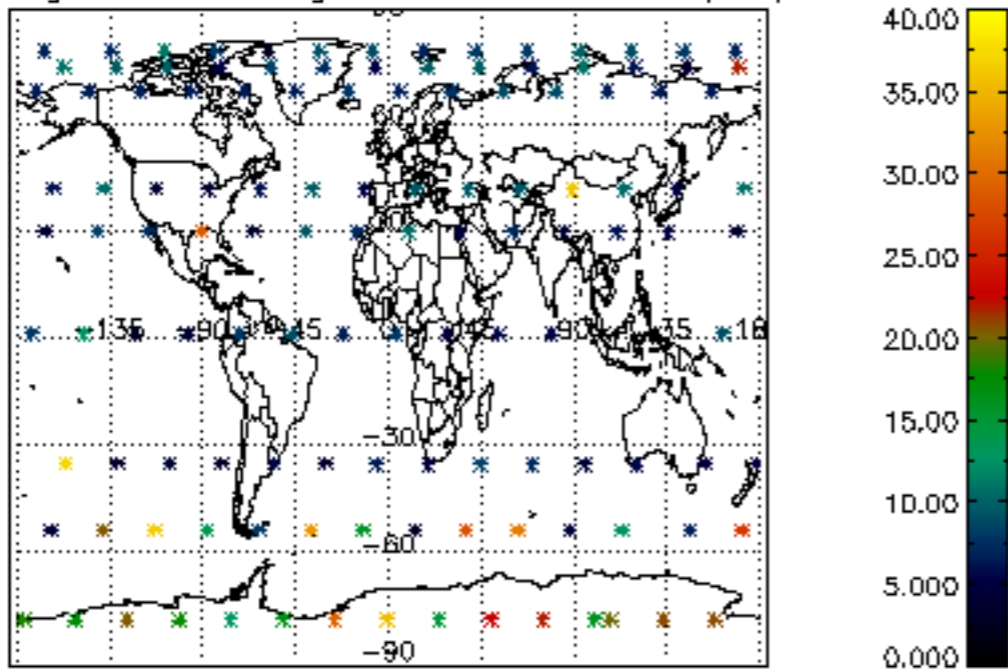
Percentage of cosmic ray hits per profile



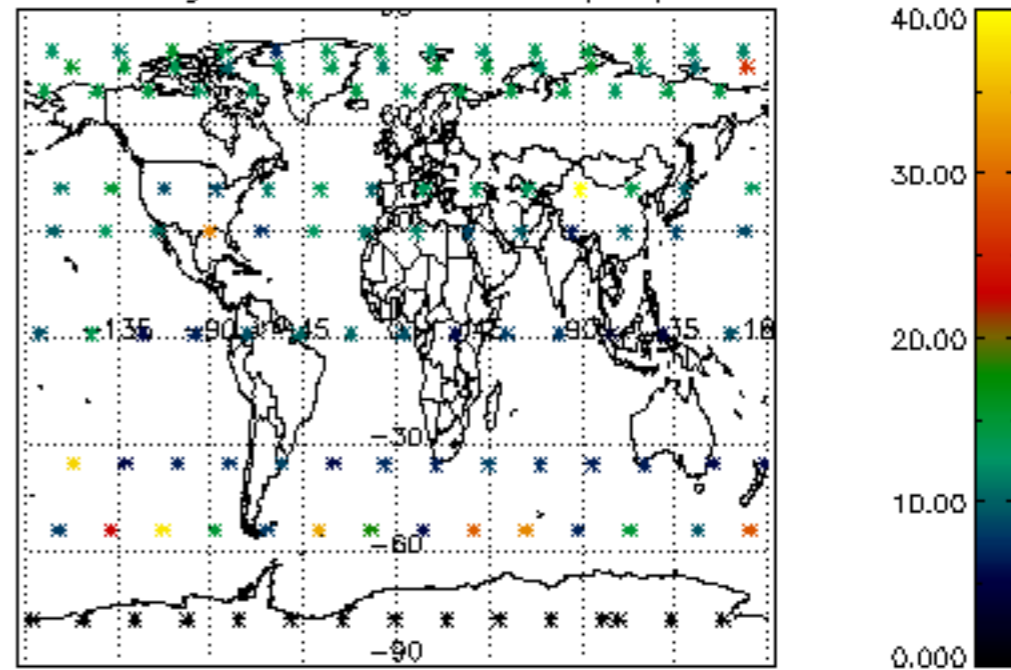
Percentage of datation errors per profile

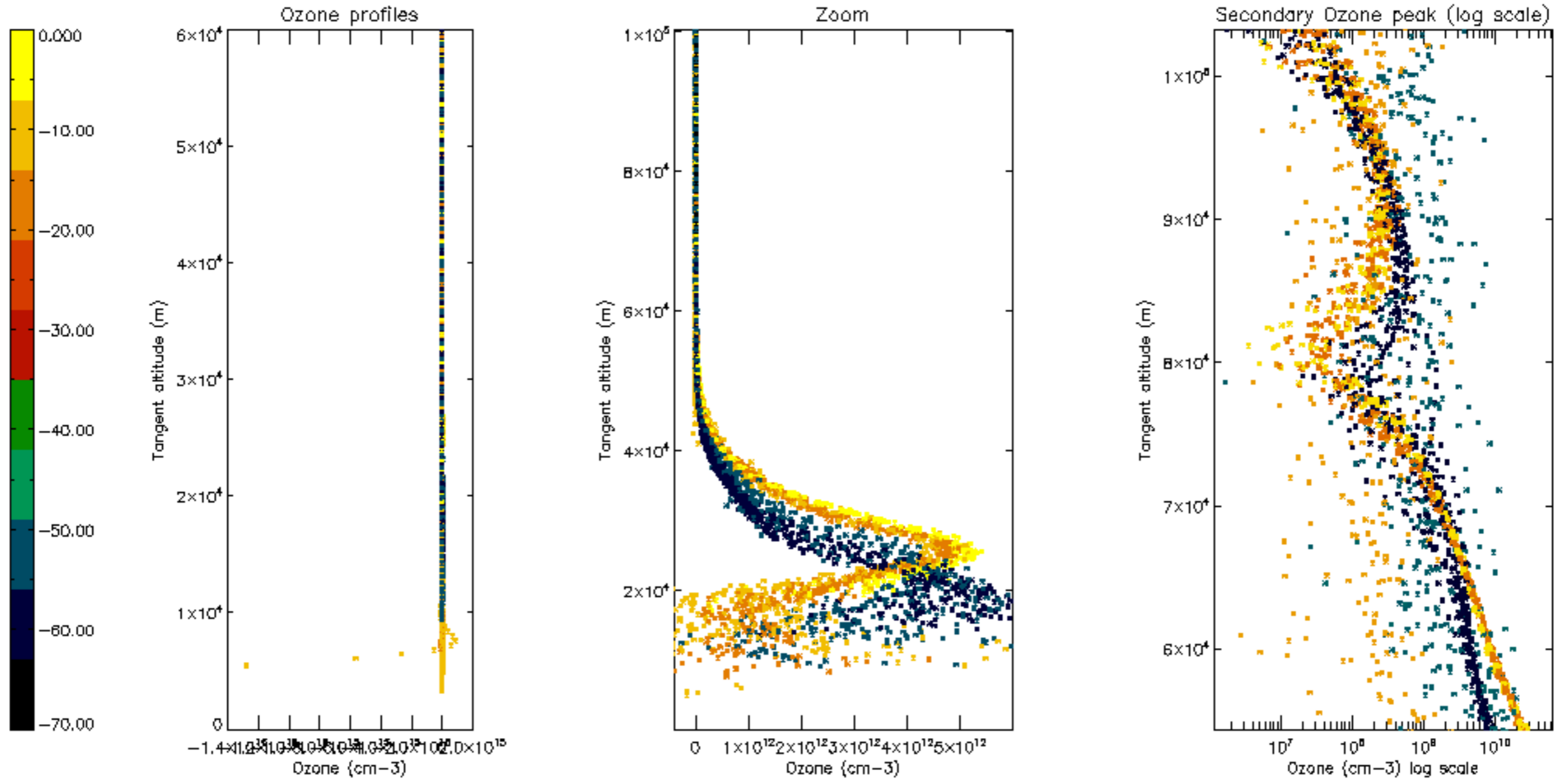


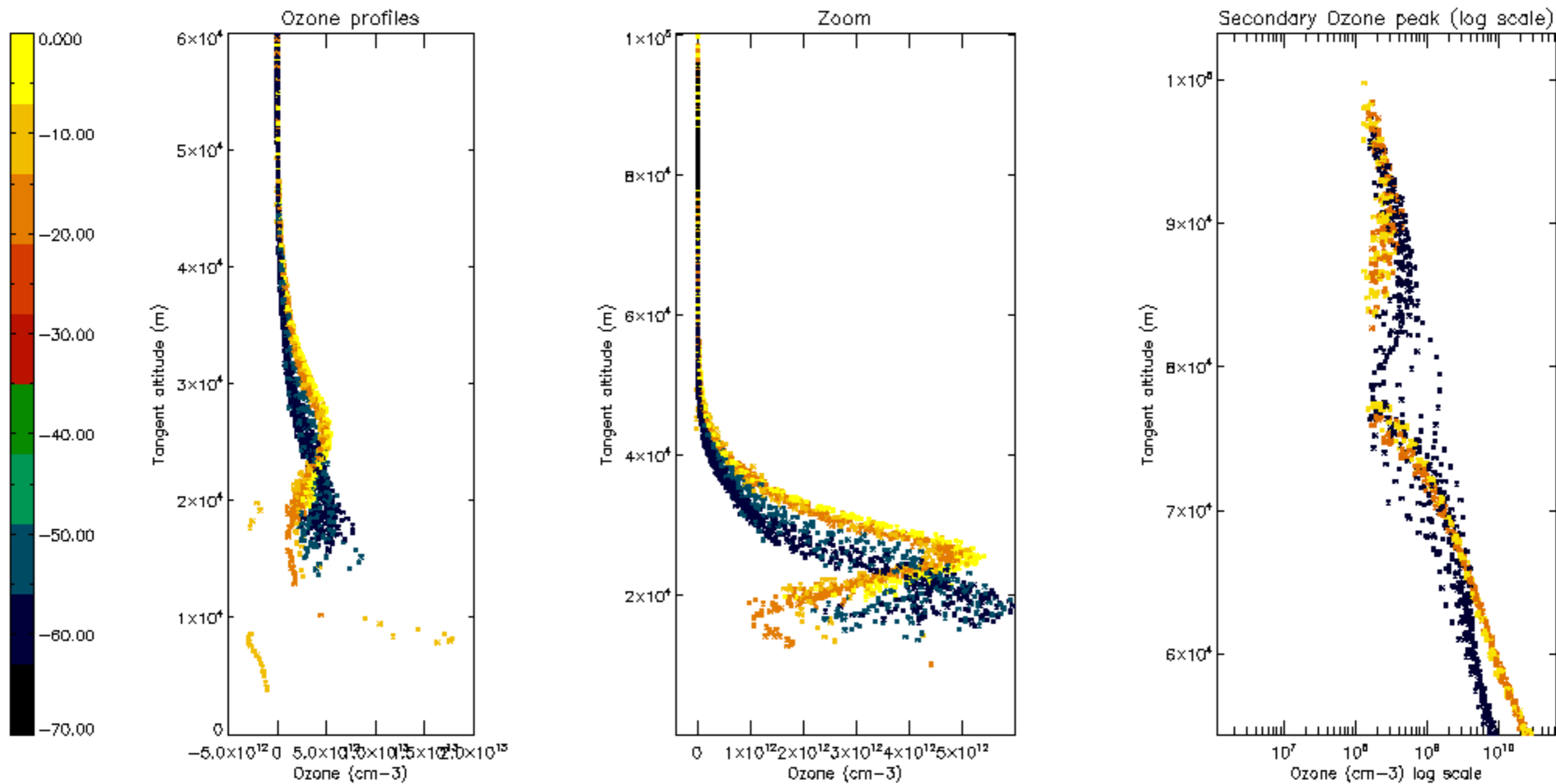
Percentage of star falling outside central band per profile

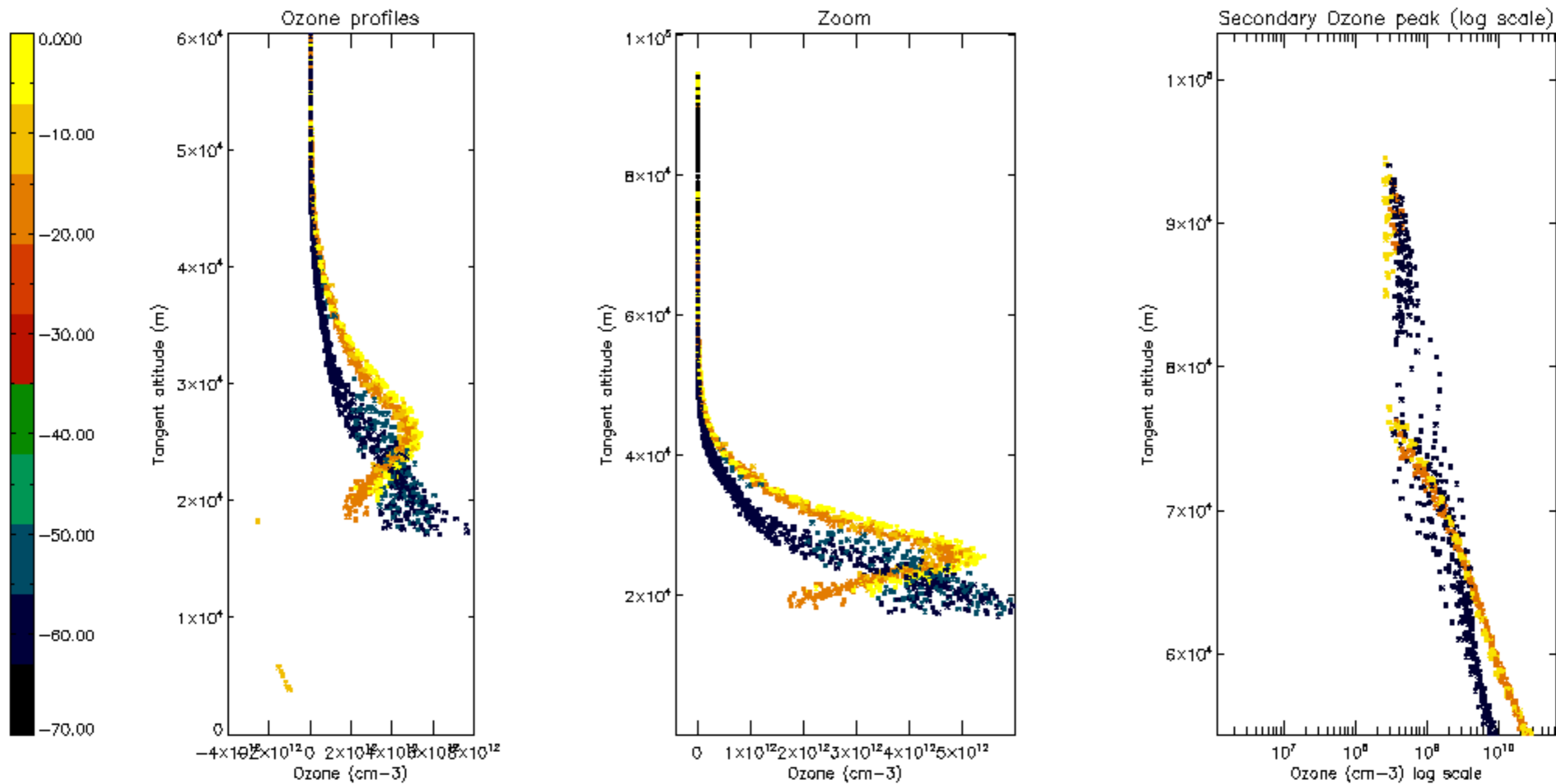


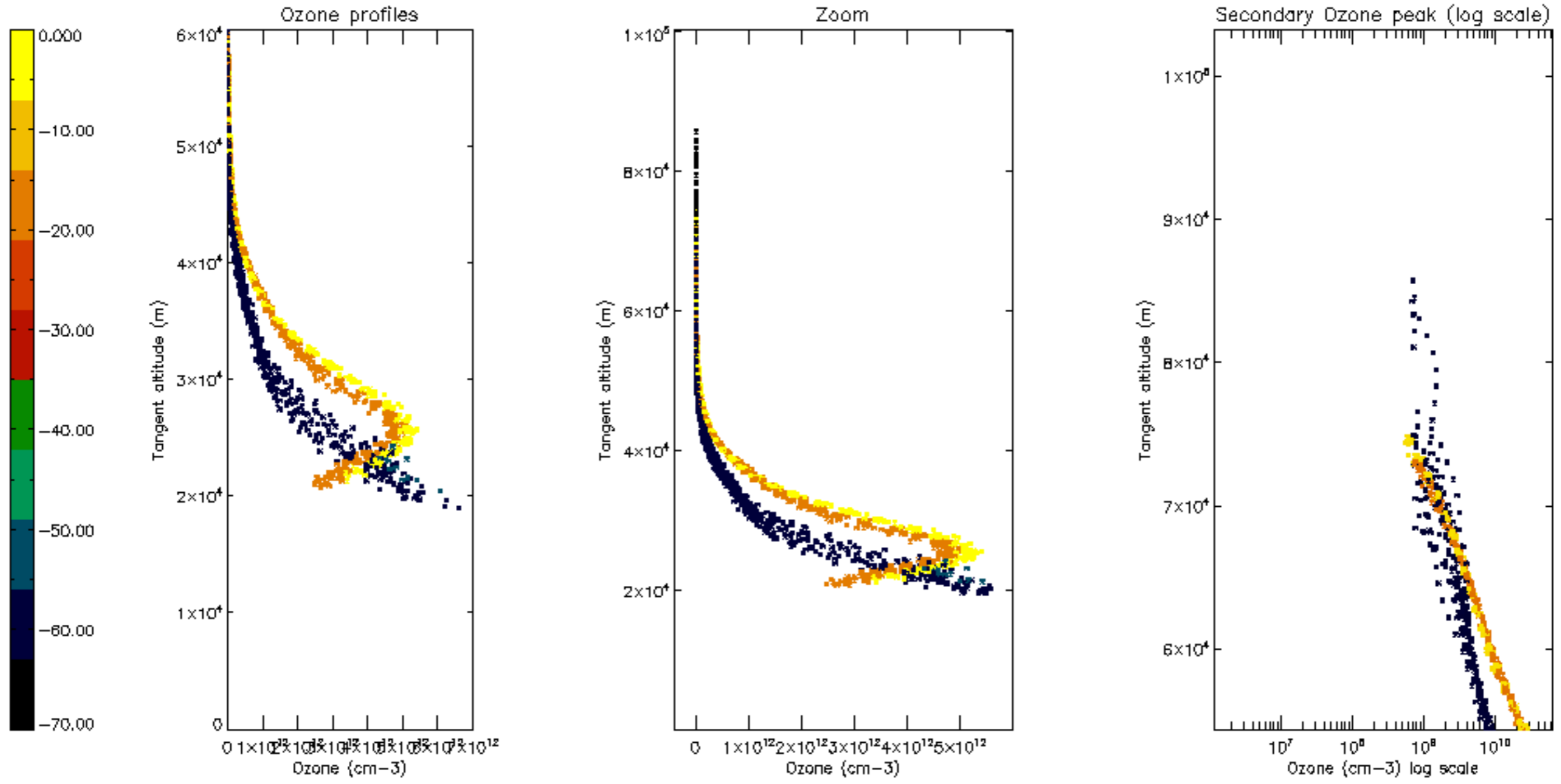
Percentage of saturation errors per profile

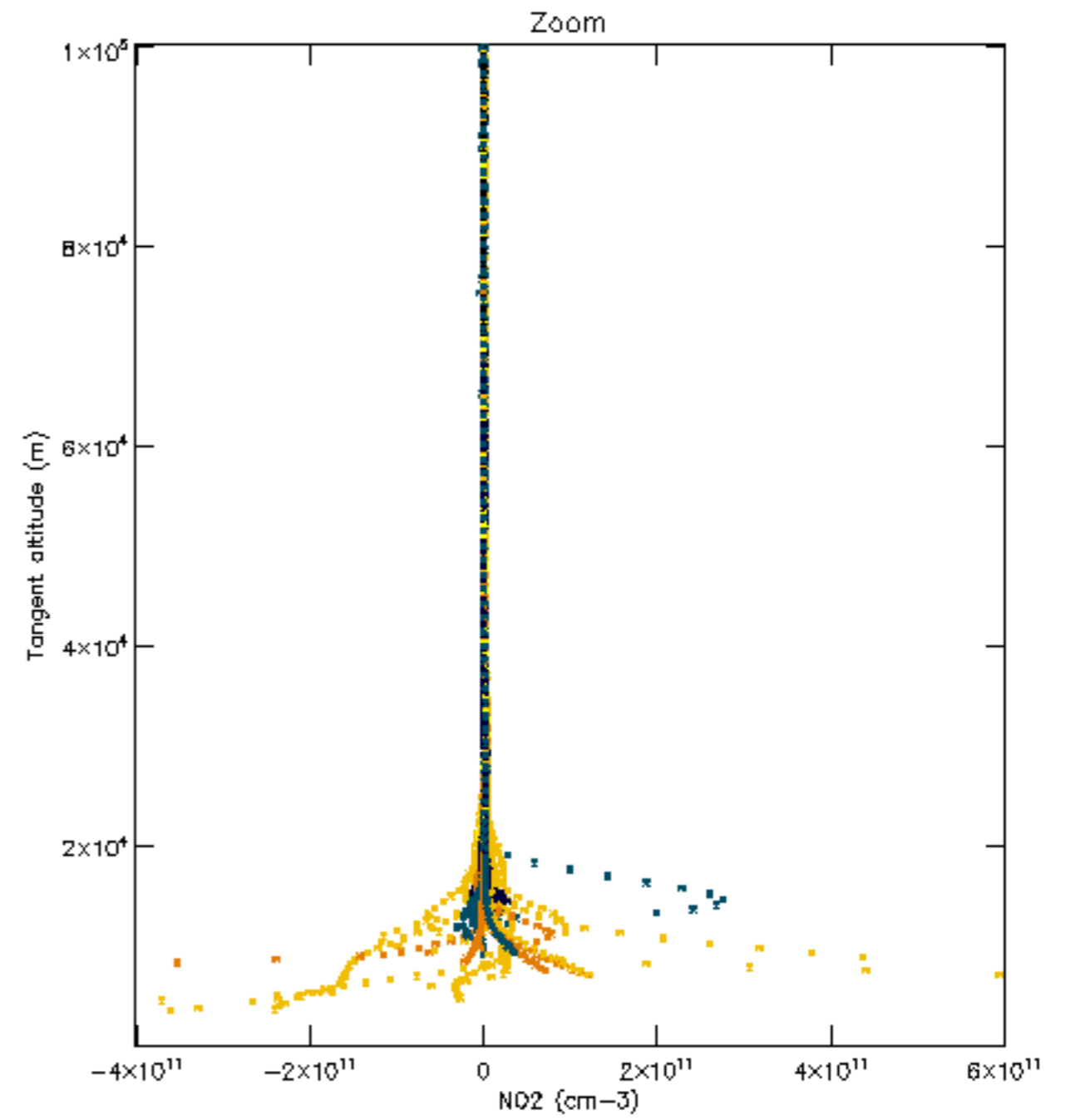
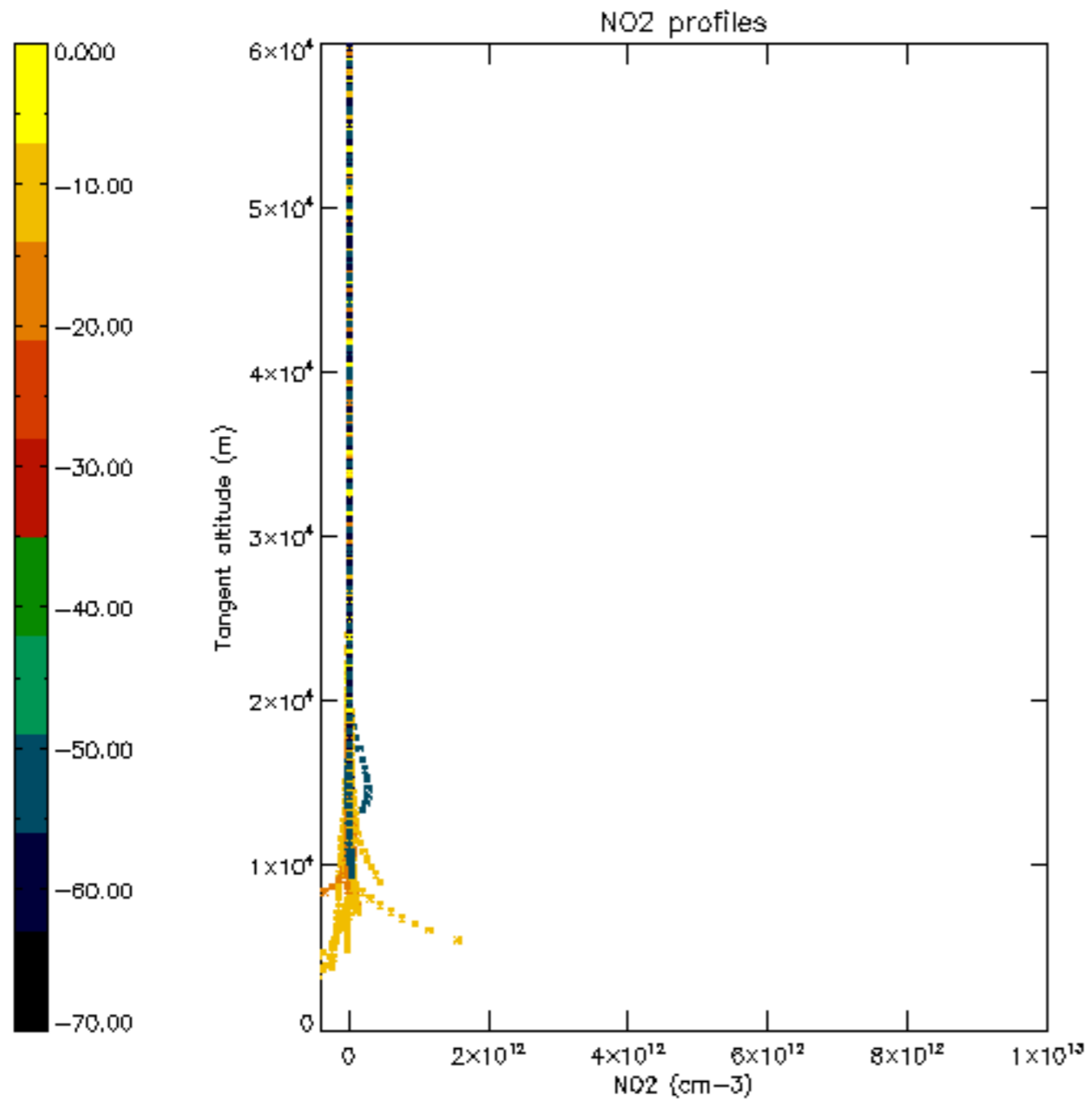


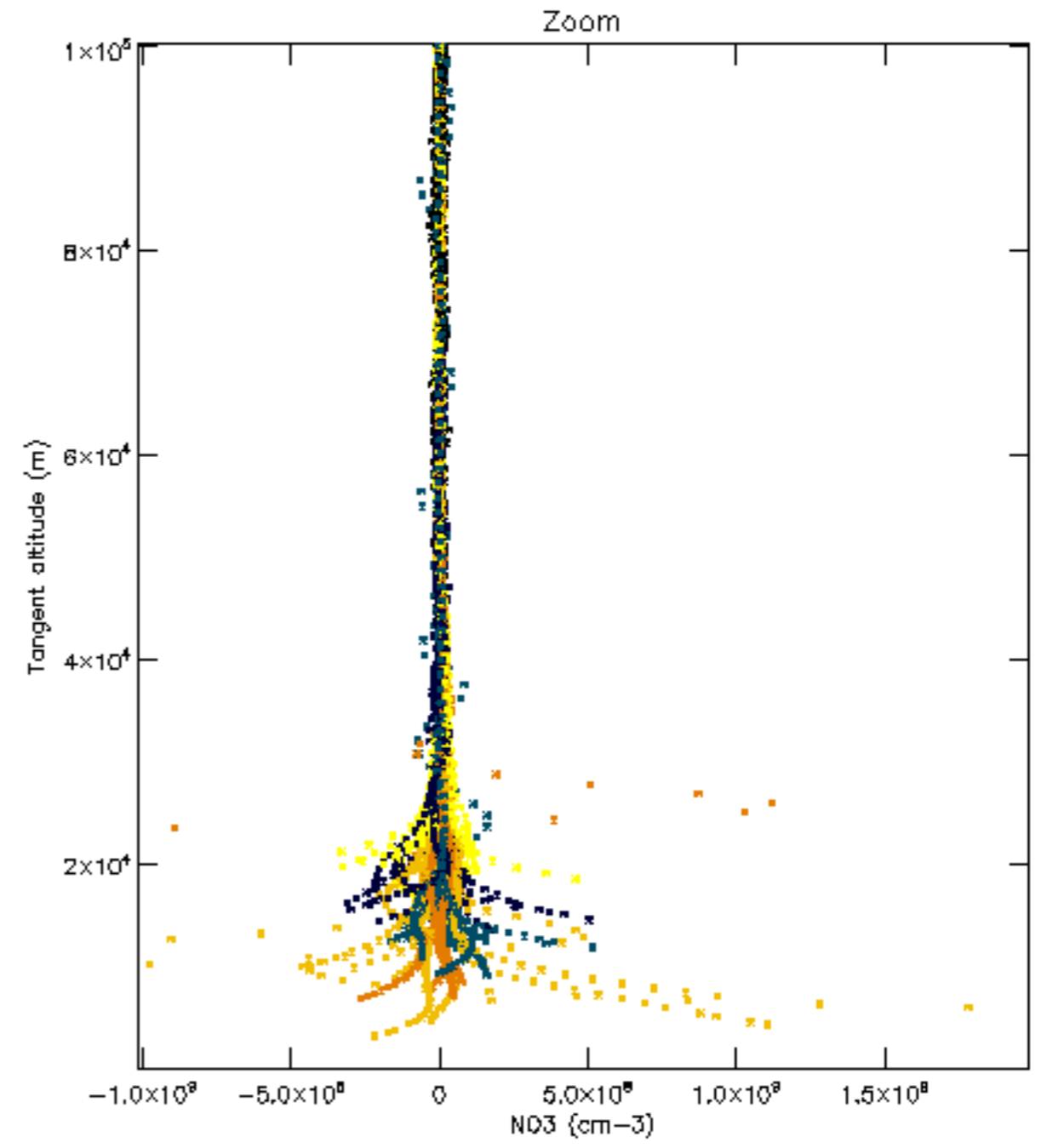
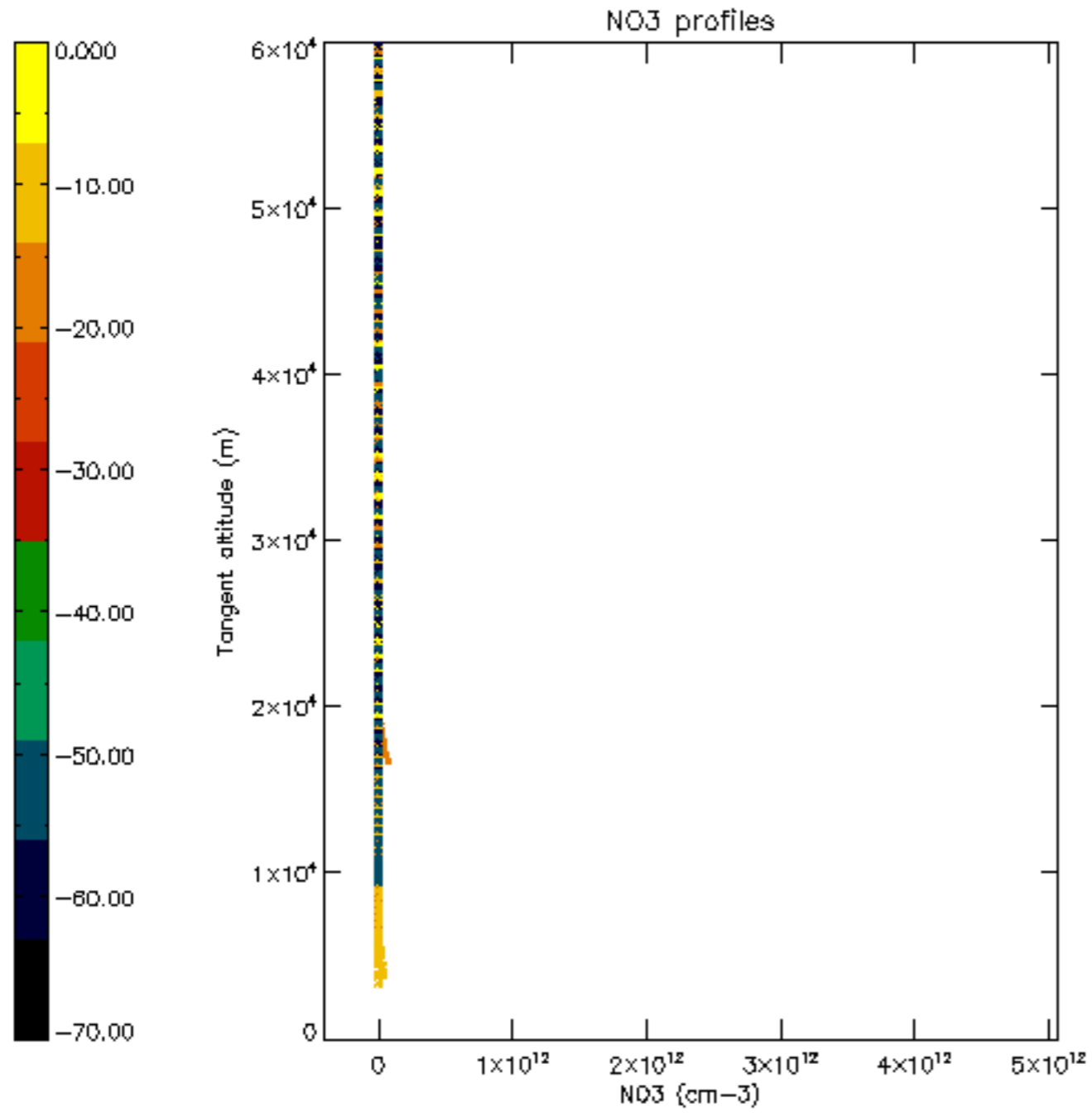




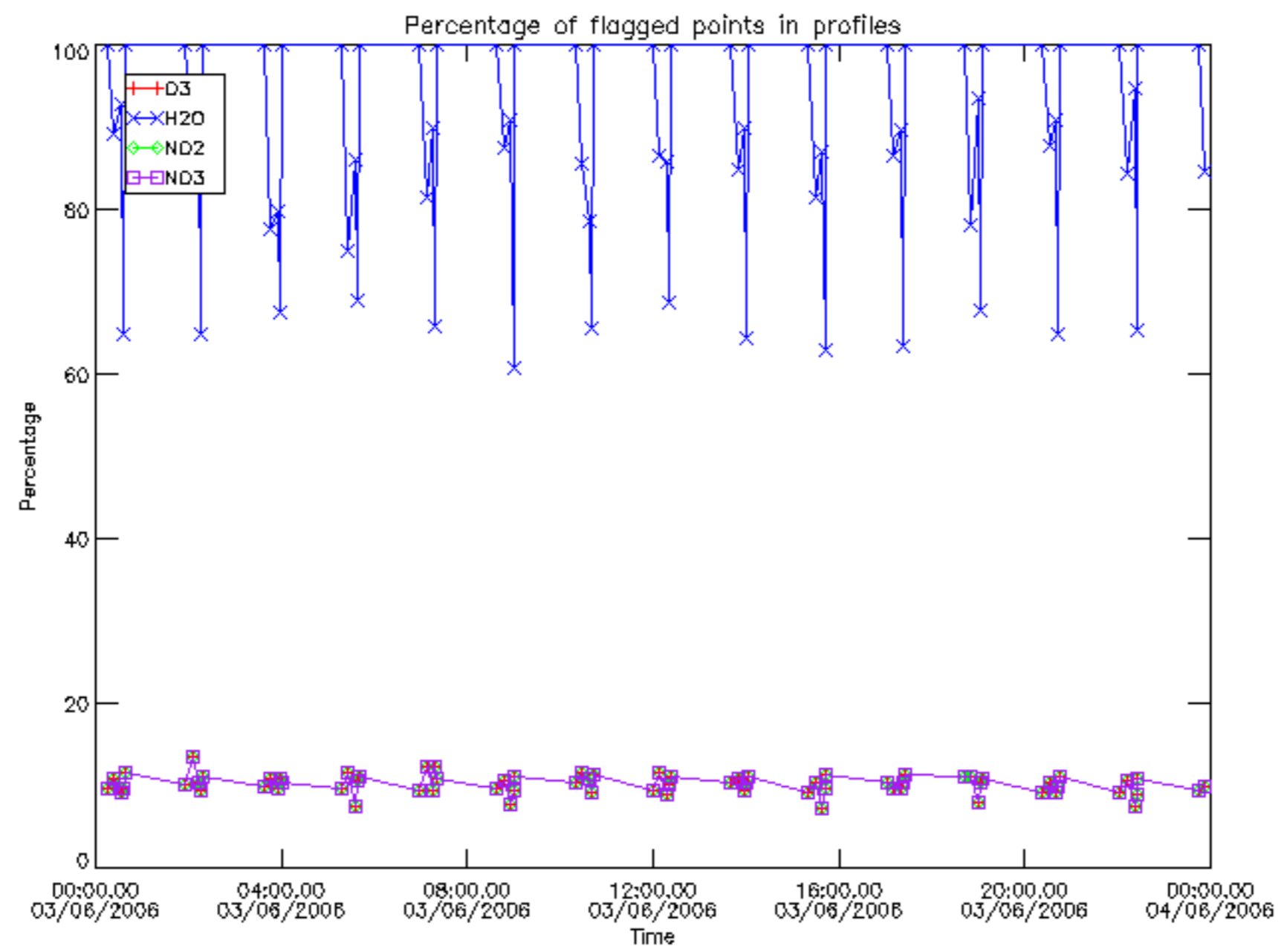




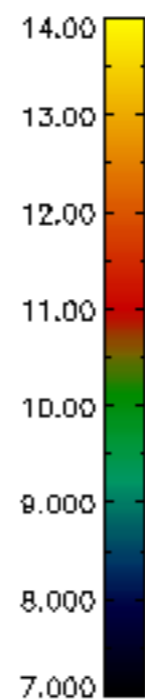
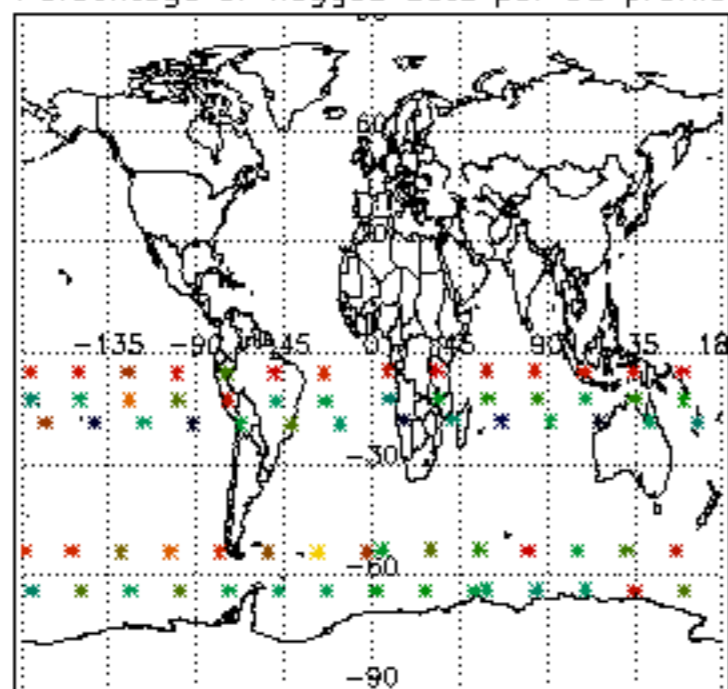




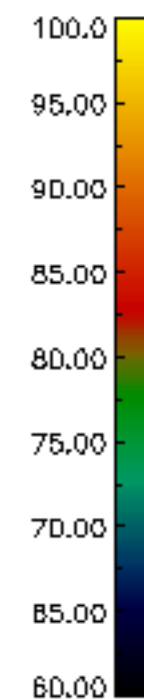
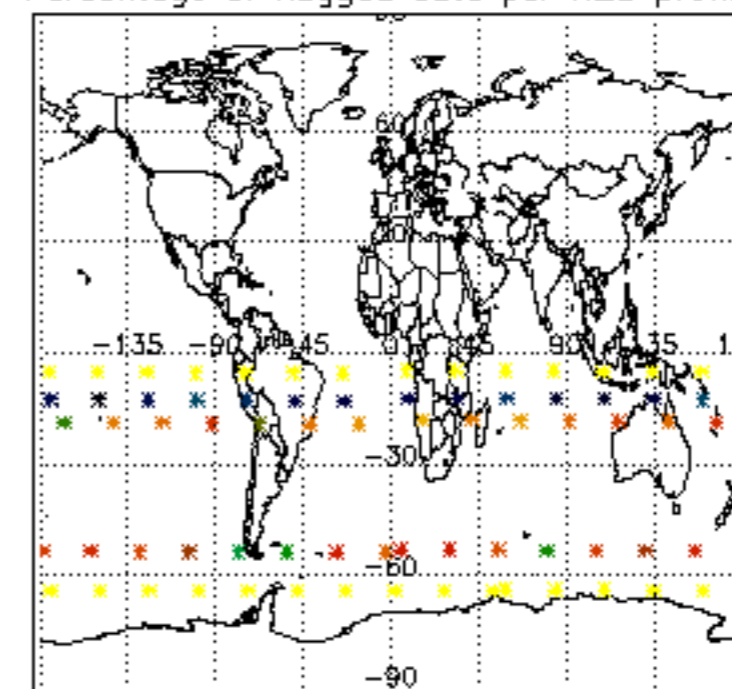




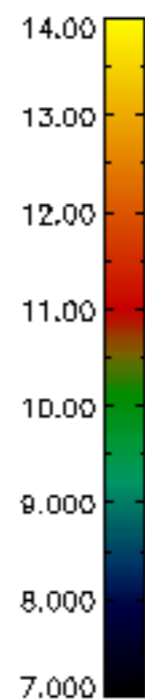
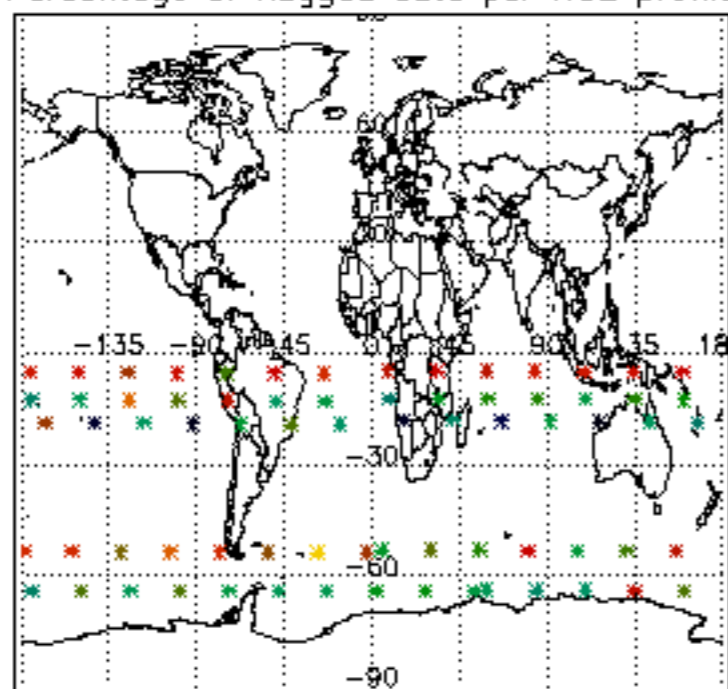
Percentage of flagged data per D3 profile



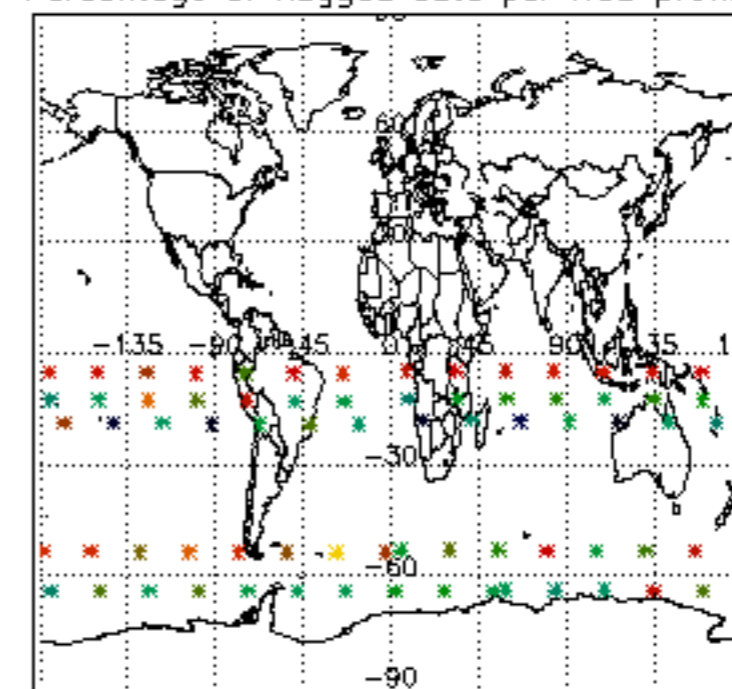
Percentage of flagged data per H2O profile

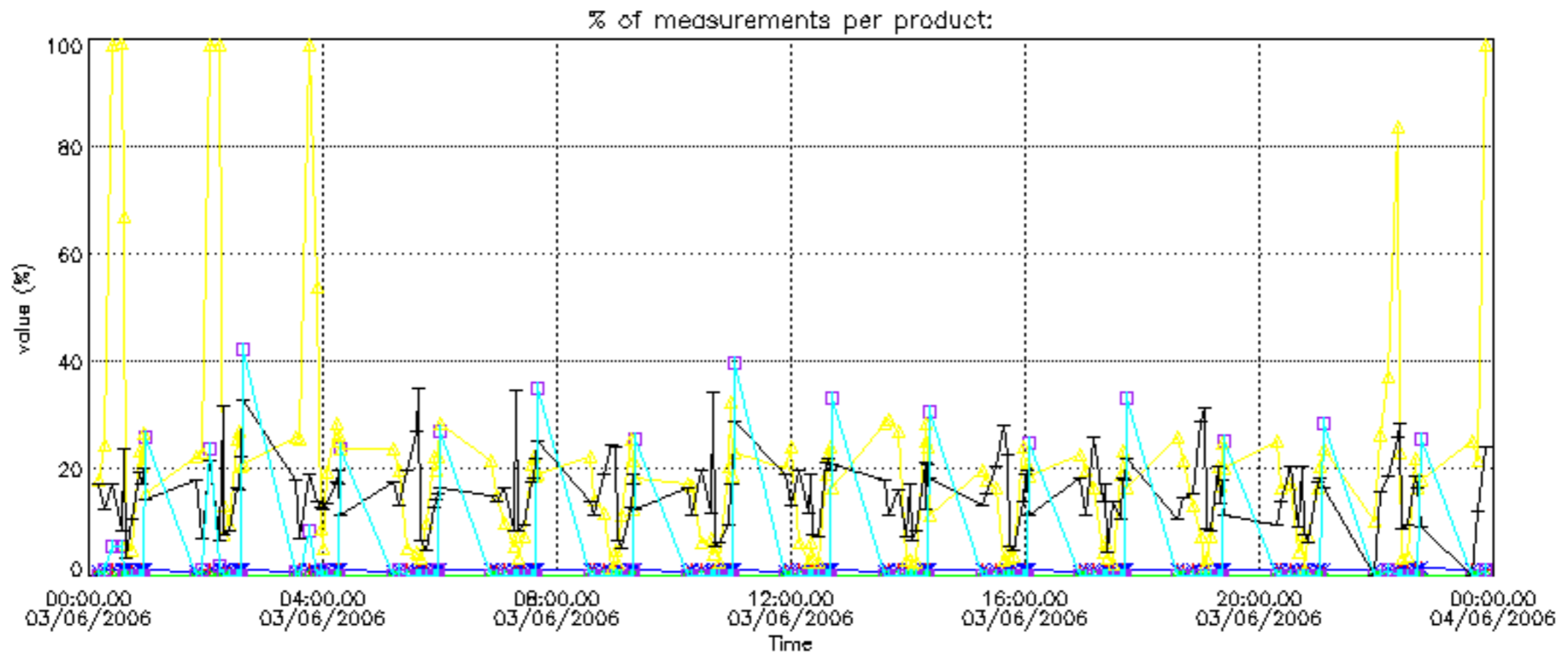


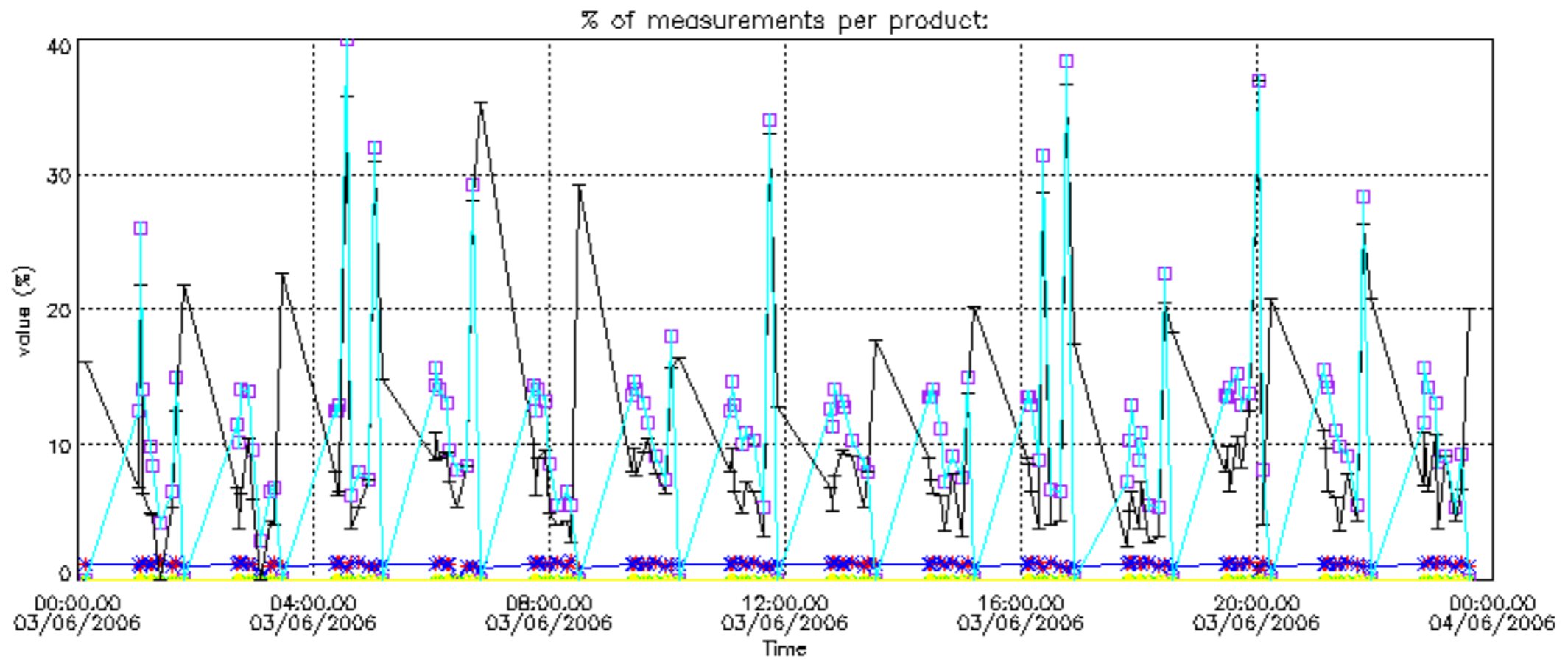
Percentage of flagged data per NO2 profile



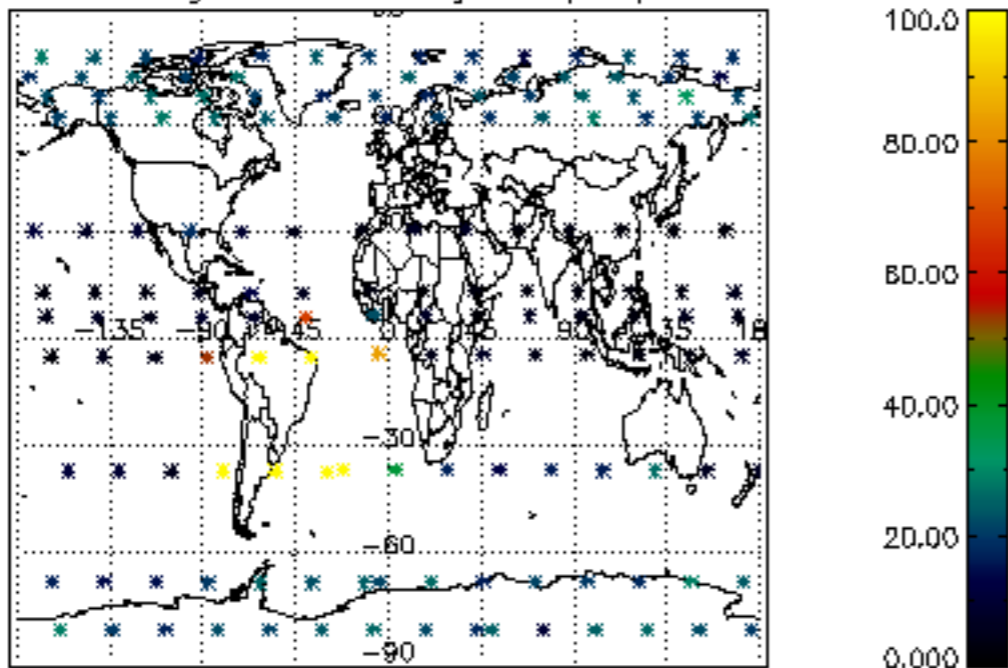
Percentage of flagged data per NO3 profile



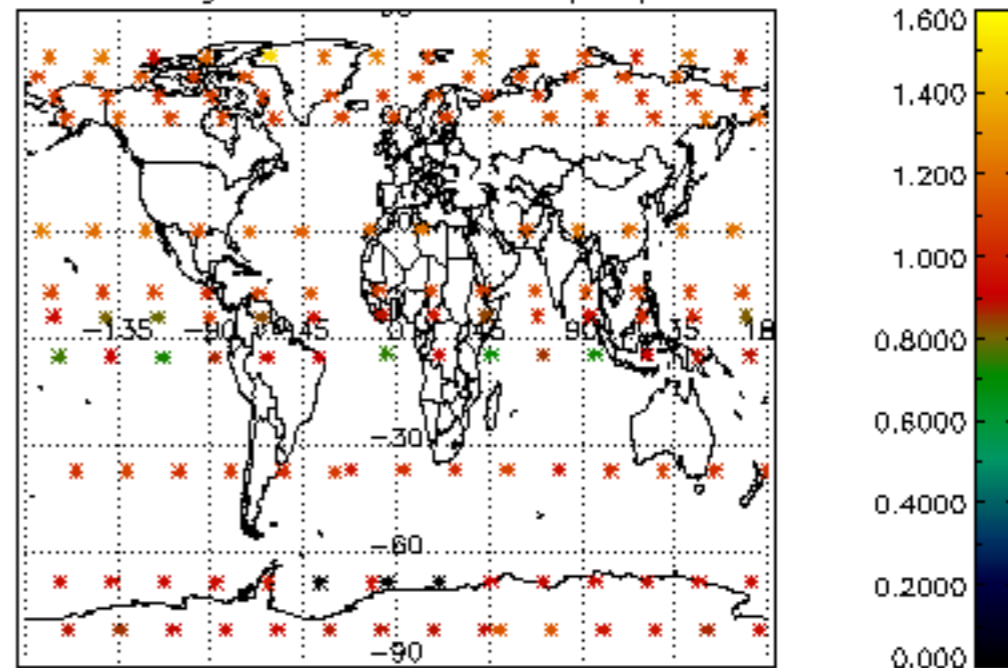




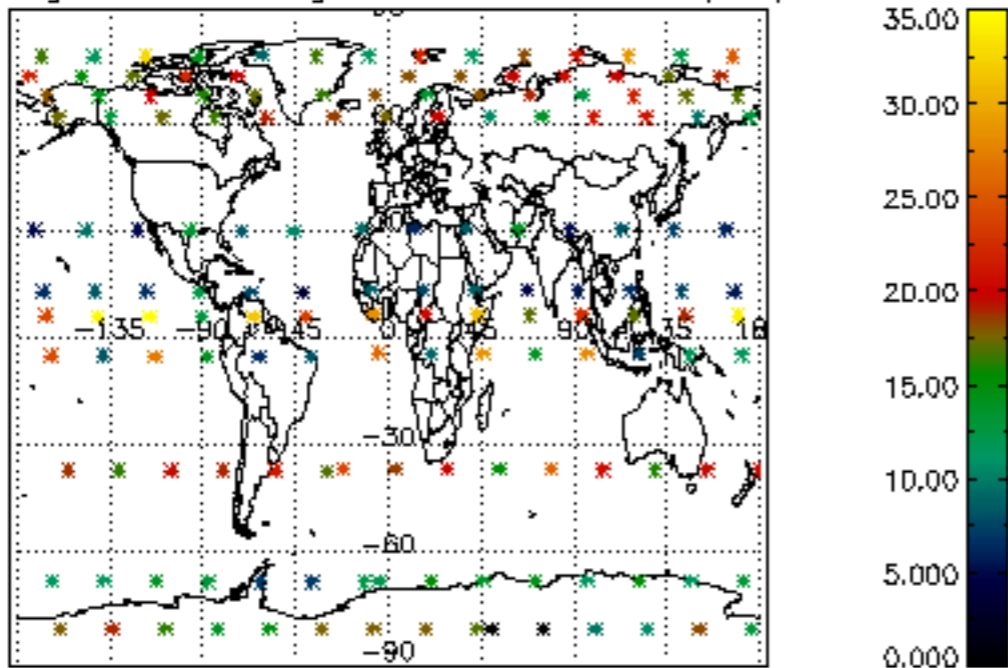
Percentage of cosmic ray hits per profile



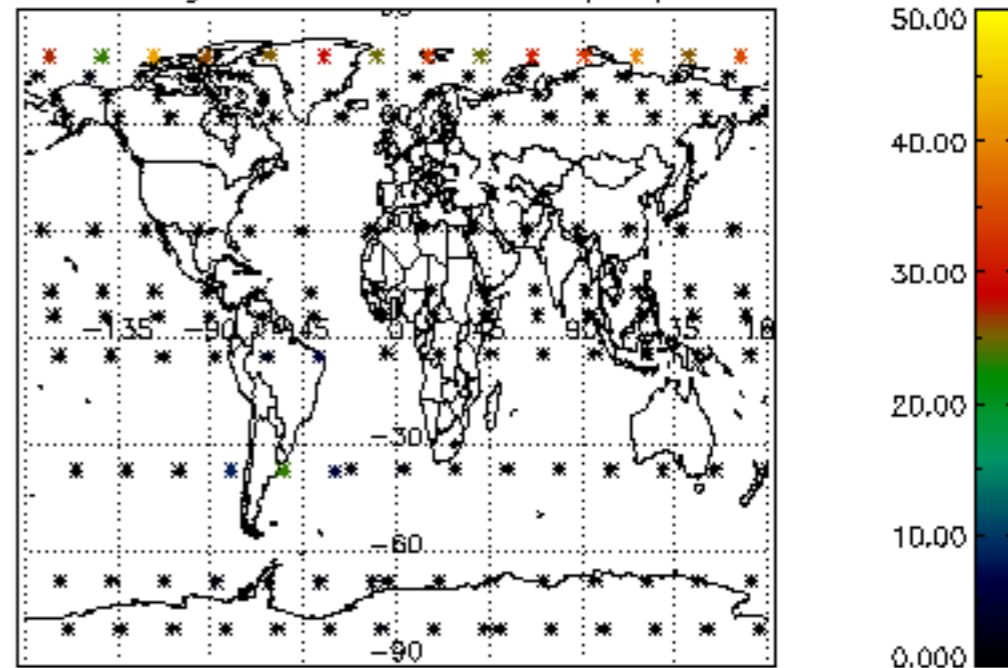
Percentage of datation errors per profile



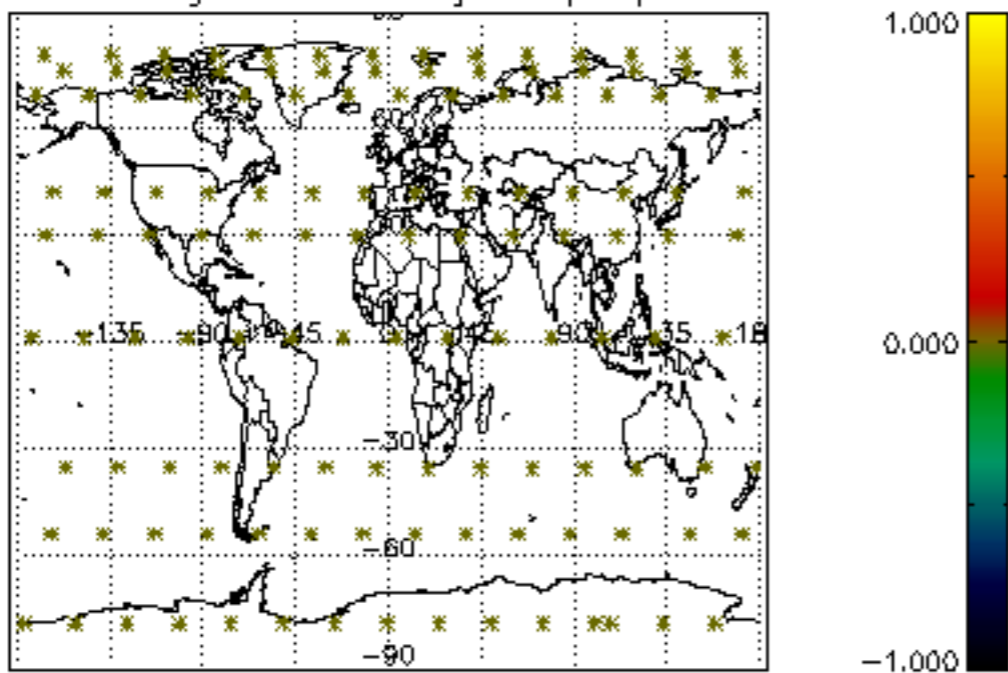
Percentage of star falling outside central band per profile



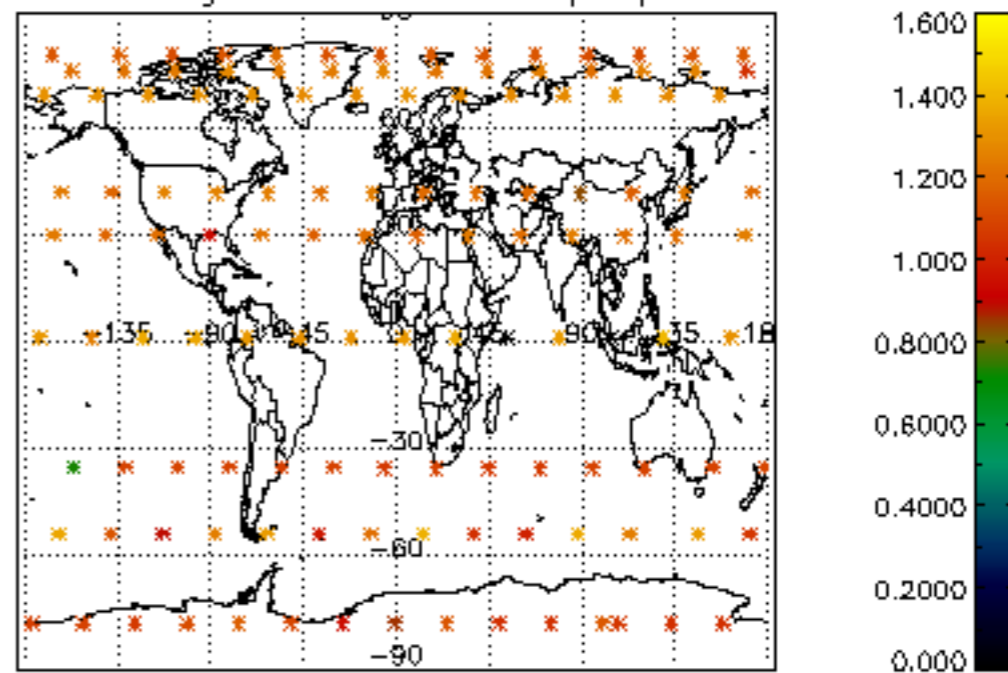
Percentage of saturation errors per profile



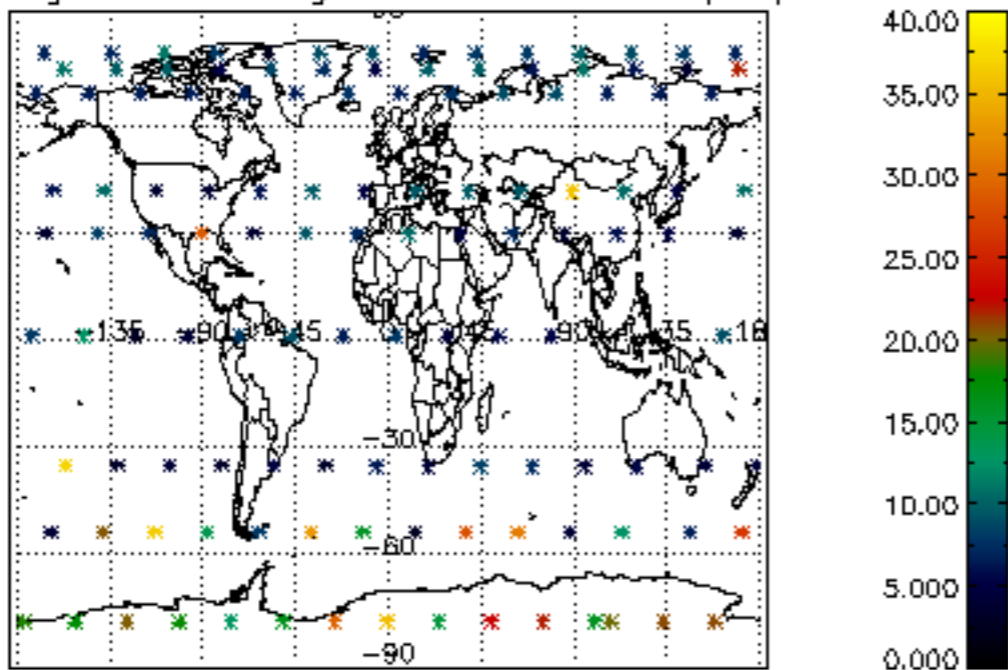
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

