

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	18APR2013 12:16:52
Data source version	GOMOS/6.01
Start time of products	05-11-2005 (05NOV2005 00:00:00)
Stop time of products	06-11-2005 (06NOV2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	184
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__2PRFIN20051105_000112_000000362042_00159_19251_8219.N1	05-NOV-2005 00:01:12	Bright	35.500	32	77Eps UMa	1.7630	11000.	71	19251	No
2	GOM_NL__2PRFIN20051105_000235_000000372042_00159_19251_8220.N1	05-NOV-2005 00:02:35	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	19251	No
3	GOM_NL__2PRFIN20051105_000609_000000342042_00159_19251_8221.N1	05-NOV-2005 00:06:09	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	19251	No
4	GOM_NL__2PRFIN20051105_003111_000000362042_00159_19251_8223.N1	05-NOV-2005 00:31:11	Dark	35.500	99	Del Cen	2.5750	26000.	71	19251	No
5	GOM_NL__2PRFIN20051105_003229_000000422042_00159_19251_8224.N1	05-NOV-2005 00:32:29	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	19251	No
6	GOM_NL__2PRFIN20051105_003623_000000402042_00160_19252_8211.N1	05-NOV-2005 00:36:23	Dark	40.000	91	Kap Vel	2.4900	26000.	80	19252	No
7	GOM_NL__2PRFIN20051105_004925_000000372042_00160_19252_8212.N1	05-NOV-2005 00:49:25	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19252	No
8	GOM_NL__2PRFIN20051105_005048_000000422042_00160_19252_8213.N1	05-NOV-2005 00:50:48	Dark	42.000	9	Alp Eri	0.45300	24000.	84	19252	No
9	GOM_NL__2PRFIN20051105_005415_000000402042_00160_19252_8214.N1	05-NOV-2005 00:54:15	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19252	No
10	GOM_NL__2PRFIN20051105_011536_000000372042_00160_19252_8215.N1	05-NOV-2005 01:15:36	Bright	36.500	58	21Alp And	2.0730	11000.	73	19252	No
11	GOM_NL__2PRFIN20051105_012245_000000352042_00160_19252_8216.N1	05-NOV-2005 01:22:45	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19252	No
12	GOM_NL__2PRFIN20051105_013158_000000352042_00160_19252_8217.N1	05-NOV-2005 01:31:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19252	No
13	GOM_NL__2PRFIN20051105_013558_000000372042_00160_19252_8218.N1	05-NOV-2005 01:35:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19252	No
14	GOM_NL__2PRFIN20051105_014148_000000372042_00160_19252_8219.N1	05-NOV-2005 01:41:48	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19252	No
15	GOM_NL__2PRFIN20051105_014311_000000362042_00160_19252_8220.N1	05-NOV-2005 01:43:11	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19252	No
16	GOM_NL__2PRFIN20051105_014645_000000332042_00160_19252_8221.N1	05-NOV-2005 01:46:45	Bright	32.500	152	12Alp2CVn	2.8900	11000.	65	19252	No
17	GOM_NL__2PRFIN20051105_021147_000000362042_00160_19252_8222.N1	05-NOV-2005 02:11:47	Dark	36.000	99	Del Cen	2.5750	26000.	72	19252	No
18	GOM_NL__2PRFIN20051105_021305_000000392042_00160_19252_8223.N1	05-NOV-2005 02:13:05	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	19252	No
19	GOM_NL__2PRFIN20051105_021659_000000392042_00161_19253_8211.N1	05-NOV-2005 02:16:59	Dark	39.000	91	Kap Vel	2.4900	26000.	78	19253	No
20	GOM_NL__2PRFIN20051105_023001_000000362042_00161_19253_8212.N1	05-NOV-2005 02:30:01	Dark	36.000	143	Alp Hyi	2.8570	7200.0	72	19253	No
21	GOM_NL__2PRFIN20051105_023124_000000442042_00161_19253_8213.N1	05-NOV-2005 02:31:24	Dark	44.000	9	Alp Eri	0.45300	24000.	88	19253	No
22	GOM_NL__2PRFIN20051105_023451_000000392042_00161_19253_8214.N1	05-NOV-2005 02:34:51	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	19253	No
23	GOM_NL__2PRFIN20051105_025612_000000372042_00161_19253_8215.N1	05-NOV-2005 02:56:12	Bright	37.000	58	21Alp And	2.0730	11000.	74	19253	No
24	GOM_NL__2PRFIN20051105_030321_000000362042_00161_19253_8216.N1	05-NOV-2005 03:03:21	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19253	No
25	GOM_NL__2PRFIN20051105_031234_000000332042_00161_19253_8217.N1	05-NOV-2005 03:12:34	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	19253	No
26	GOM_NL__2PRFIN20051105_031634_000000332042_00161_19253_8218.N1	05-NOV-2005 03:16:34	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	19253	No
27	GOM_NL__2PRFIN20051105_032224_000000372042_00161_19253_8219.N1	05-NOV-2005 03:22:24	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19253	No
28	GOM_NL__2PRFIN20051105_032347_000000332042_00161_19253_8220.N1	05-NOV-2005 03:23:47	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19253	No
29	GOM_NL__2PRFIN20051105_032721_000000432042_00161_19253_8221.N1	05-NOV-2005 03:27:21	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	19253	No
30	GOM_NL__2PRFIN20051105_035224_000000392042_00161_19253_8222.N1	05-NOV-2005 03:52:24	Dark	38.500	99	Del Cen	2.5750	26000.	77	19253	No
31	GOM_NL__2PRFIN20051105_035341_000000412042_00161_19253_8223.N1	05-NOV-2005 03:53:41	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	19253	No
32	GOM_NL__2PRFIN20051105_035736_000000402042_00162_19254_8211.N1	05-NOV-2005 03:57:36	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19254	No
33	GOM_NL__2PRFIN20051105_041038_000000372042_00162_19254_8212.N1	05-NOV-2005 04:10:38	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19254	No
34	GOM_NL__2PRFIN20051105_041200_000000502042_00162_19254_8213.N1	05-NOV-2005 04:12:00	Dark	49.500	9	Alp Eri	0.45300	24000.	99	19254	No
35	GOM_NL__2PRFIN20051105_041527_000000402042_00162_19254_8214.N1	05-NOV-2005 04:15:27	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19254	No
36	GOM_NL__2PRFIN20051105_043648_000000372042_00162_19254_8215.N1	05-NOV-2005 04:36:48	Bright	37.000	58	21Alp And	2.0730	11000.	74	19254	No
37	GOM_NL__2PRFIN20051105_044357_000000352042_00162_19254_8216.N1	05-NOV-2005 04:43:57	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19254	No
38	GOM_NL__2PRFIN20051105_045310_000000362042_00162_19254_8217.N1	05-NOV-2005 04:53:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19254	No
39	GOM_NL__2PRFIN20051105_045710_000000362042_00162_19254_8218.N1	05-NOV-2005 04:57:10	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19254	No
40	GOM_NL__2PRFIN20051105_050300_000000362042_00162_19254_8219.N1	05-NOV-2005 05:03:00	Bright	35.500	32	77Eps UMa	1.7630	11000.	71	19254	No
41	GOM_NL__2PRFIN20051105_050424_000000342042_00162_19254_8220.N1	05-NOV-2005 05:04:24	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19254	No
42	GOM_NL__2PRFIN20051105_050757_000000522042_00162_19254_8221.N1	05-NOV-2005 05:07:57	Bright	52.000	152	12Alp2CVn	2.8900	11000.	104	19254	No

43	GOM_NL__2PRFIN20051105_053300_000000392042_00162_19254_8222.N1	05-NOV-2005 05:33:00	Dark	38.500	99	Del Cen	2.5750	26000.	77	19254	No
44	GOM_NL__2PRFIN20051105_053418_000000402042_00162_19254_8223.N1	05-NOV-2005 05:34:18	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	19254	No
45	GOM_NL__2PRFIN20051105_053813_000000392042_00163_19255_8211.N1	05-NOV-2005 05:38:13	Dark	38.500	91	Kap Vel	2.4900	26000.	77	19255	No
46	GOM_NL__2PRFIN20051105_055114_000000372042_00163_19255_8212.N1	05-NOV-2005 05:51:14	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19255	No
47	GOM_NL__2PRFIN20051105_055236_000000412042_00163_19255_8213.N1	05-NOV-2005 05:52:36	Dark	40.500	9	Alp Eri	0.45300	24000.	81	19255	No
48	GOM_NL__2PRFIN20051105_055604_000000392042_00163_19255_8214.N1	05-NOV-2005 05:56:04	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	19255	No
49	GOM_NL__2PRFIN20051105_061725_000000362042_00163_19255_8215.N1	05-NOV-2005 06:17:25	Bright	36.000	58	21Alp And	2.0730	11000.	72	19255	No
50	GOM_NL__2PRFIN20051105_062433_000000382042_00163_19255_8216.N1	05-NOV-2005 06:24:33	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19255	No
51	GOM_NL__2PRFIN20051105_063346_000000372042_00163_19255_8217.N1	05-NOV-2005 06:33:46	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	19255	No
52	GOM_NL__2PRFIN20051105_063746_000000362042_00163_19255_8218.N1	05-NOV-2005 06:37:46	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19255	No
53	GOM_NL__2PRFIN20051105_064336_000000332042_00163_19255_8219.N1	05-NOV-2005 06:43:36	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	19255	No
54	GOM_NL__2PRFIN20051105_064500_000000332042_00163_19255_8220.N1	05-NOV-2005 06:45:00	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19255	No
55	GOM_NL__2PRFIN20051105_064833_000000382042_00163_19255_8221.N1	05-NOV-2005 06:48:33	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	19255	No
56	GOM_NL__2PRFIN20051105_071336_000000382042_00163_19255_8222.N1	05-NOV-2005 07:13:36	Dark	37.500	99	Del Cen	2.5750	26000.	75	19255	No
57	GOM_NL__2PRFIN20051105_071454_000000422042_00163_19255_8223.N1	05-NOV-2005 07:14:54	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	19255	No
58	GOM_NL__2PRFIN20051105_071849_000000402042_00164_19256_8211.N1	05-NOV-2005 07:18:49	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19256	No
59	GOM_NL__2PRFIN20051105_073150_000000372042_00164_19256_8212.N1	05-NOV-2005 07:31:50	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19256	No
60	GOM_NL__2PRFIN20051105_073312_000000472042_00164_19256_8213.N1	05-NOV-2005 07:33:12	Dark	47.000	9	Alp Eri	0.45300	24000.	94	19256	No
61	GOM_NL__2PRFIN20051105_073640_000000392042_00164_19256_8214.N1	05-NOV-2005 07:36:40	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19256	No
62	GOM_NL__2PRFIN20051105_075801_000000372042_00164_19256_8215.N1	05-NOV-2005 07:58:01	Bright	37.000	58	21Alp And	2.0730	11000.	74	19256	No
63	GOM_NL__2PRFIN20051105_080509_000000382042_00164_19256_8216.N1	05-NOV-2005 08:05:09	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19256	No
64	GOM_NL__2PRFIN20051105_081422_000000362042_00164_19256_8217.N1	05-NOV-2005 08:14:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19256	No
65	GOM_NL__2PRFIN20051105_081823_000000362042_00164_19256_8218.N1	05-NOV-2005 08:18:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19256	No
66	GOM_NL__2PRFIN20051105_082412_000000362042_00164_19256_8219.N1	05-NOV-2005 08:24:12	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	19256	No
67	GOM_NL__2PRFIN20051105_082536_000000342042_00164_19256_8220.N1	05-NOV-2005 08:25:36	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	19256	No
68	GOM_NL__2PRFIN20051105_082909_000000412042_00164_19256_8221.N1	05-NOV-2005 08:29:09	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	19256	No
69	GOM_NL__2PRFIN20051105_085412_000000382042_00164_19256_8222.N1	05-NOV-2005 08:54:12	Dark	37.500	99	Del Cen	2.5750	26000.	75	19256	No
70	GOM_NL__2PRFIN20051105_085531_000000412042_00164_19256_8223.N1	05-NOV-2005 08:55:31	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	19256	No
71	GOM_NL__2PRFIN20051105_085926_000000392042_00165_19257_8211.N1	05-NOV-2005 08:59:26	Dark	39.000	91	Kap Vel	2.4900	26000.	78	19257	No
72	GOM_NL__2PRFIN20051105_091226_000000382042_00165_19257_8212.N1	05-NOV-2005 09:12:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19257	No
73	GOM_NL__2PRFIN20051105_091348_000000492042_00165_19257_8213.N1	05-NOV-2005 09:13:48	Dark	49.000	9	Alp Eri	0.45300	24000.	98	19257	No
74	GOM_NL__2PRFIN20051105_091716_000000392042_00165_19257_8214.N1	05-NOV-2005 09:17:16	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19257	No
75	GOM_NL__2PRFIN20051105_093837_000000372042_00165_19257_8215.N1	05-NOV-2005 09:38:37	Bright	36.500	58	21Alp And	2.0730	11000.	73	19257	No
76	GOM_NL__2PRFIN20051105_094545_000000352042_00165_19257_8216.N1	05-NOV-2005 09:45:45	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19257	No
77	GOM_NL__2PRFIN20051105_095458_000000342042_00165_19257_8217.N1	05-NOV-2005 09:54:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	19257	No
78	GOM_NL__2PRFIN20051105_095859_000000372042_00165_19257_8218.N1	05-NOV-2005 09:58:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19257	No
79	GOM_NL__2PRFIN20051105_100448_000000332042_00165_19257_8219.N1	05-NOV-2005 10:04:48	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	19257	No
80	GOM_NL__2PRFIN20051105_100612_000000352042_00165_19257_8220.N1	05-NOV-2005 10:06:12	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	19257	No
81	GOM_NL__2PRFIN20051105_100945_000000322042_00165_19257_8221.N1	05-NOV-2005 10:09:45	Bright	32.000	152	12Alp2CVn	2.8900	11000.	64	19257	No
82	GOM_NL__2PRFIN20051105_103448_000000372042_00165_19257_8222.N1	05-NOV-2005 10:34:48	Dark	37.000	99	Del Cen	2.5750	26000.	74	19257	No
83	GOM_NL__2PRFIN20051105_103607_000000412042_00165_19257_8223.N1	05-NOV-2005 10:36:07	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	19257	No
84	GOM_NL__2PRFIN20051105_104002_000000402042_00166_19258_8211.N1	05-NOV-2005 10:40:02	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19258	No
85	GOM_NL__2PRFIN20051105_105302_000000392042_00166_19258_8212.N1	05-NOV-2005 10:53:02	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	19258	No
86	GOM_NL__2PRFIN20051105_105424_000000392042_00166_19258_8213.N1	05-NOV-2005 10:54:24	Dark	38.500	9	Alp Eri	0.45300	24000.	77	19258	No
87	GOM_NL__2PRFIN20051105_105752_000000402042_00166_19258_8214.N1	05-NOV-2005 10:57:52	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19258	No
88	GOM_NL__2PRFIN20051105_111913_000000362042_00166_19258_8215.N1	05-NOV-2005 11:19:13	Bright	36.000	58	21Alp And	2.0730	11000.	72	19258	No
89	GOM_NL__2PRFIN20051105_112621_000000372042_00166_19258_8216.N1	05-NOV-2005 11:26:21	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19258	No
90	GOM_NL__2PRFIN20051105_113534_000000352042_00166_19258_8217.N1	05-NOV-2005 11:35:34	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	19258	No
91	GOM_NL__2PRFIN20051105_113935_000000352042_00166_19258_8218.N1	05-NOV-2005 11:39:35	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	19258	No
92	GOM_NL__2PRFIN20051105_114524_000000372042_00166_19258_8219.N1	05-NOV-2005 11:45:24	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19258	No
93	GOM_NL__2PRFIN20051105_114648_000000342042_00166_19258_8220.N1	05-NOV-2005 11:46:48	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19258	No
94	GOM_NL__2PRFIN20051105_115021_000000372042_00166_19258_8221.N1	05-NOV-2005 11:50:21	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	19258	No
95	GOM_NL__2PRFIN20051105_121524_000000372042_00166_19258_8222.N1	05-NOV-2005 12:15:24	Dark	37.000	99	Del Cen	2.5750	26000.	74	19258	No
96	GOM_NL__2PRFIN20051105_121643_000000422042_00166_19258_8223.N1	05-NOV-2005 12:16:43	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	19258	No
97	GOM_NL__2PRFIN20051105_122039_000000402042_00167_19259_8211.N1	05-NOV-2005 12:20:39	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19259	No
98	GOM_NL__2PRFIN20051105_123338_000000372042_00167_19259_8212.N1	05-NOV-2005 12:33:38	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19259	No
99	GOM_NL__2PRFIN20051105_123500_000000462042_00167_19259_8213.N1	05-NOV-2005 12:35:00	Dark	46.000	9	Alp Eri	0.45300	24000.	92	19259	No
100	GOM_NL__2PRFIN20051105_123828_000000392042_00167_19259_8214.N1	05-NOV-2005 12:38:28	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19259	No
101	GOM_NL__2PRFIN20051105_125950_000000362042_00167_19259_8215.N1	05-NOV-2005 12:59:50	Bright	36.000	58	21Alp And	2.0730	11000.	72	19259	No

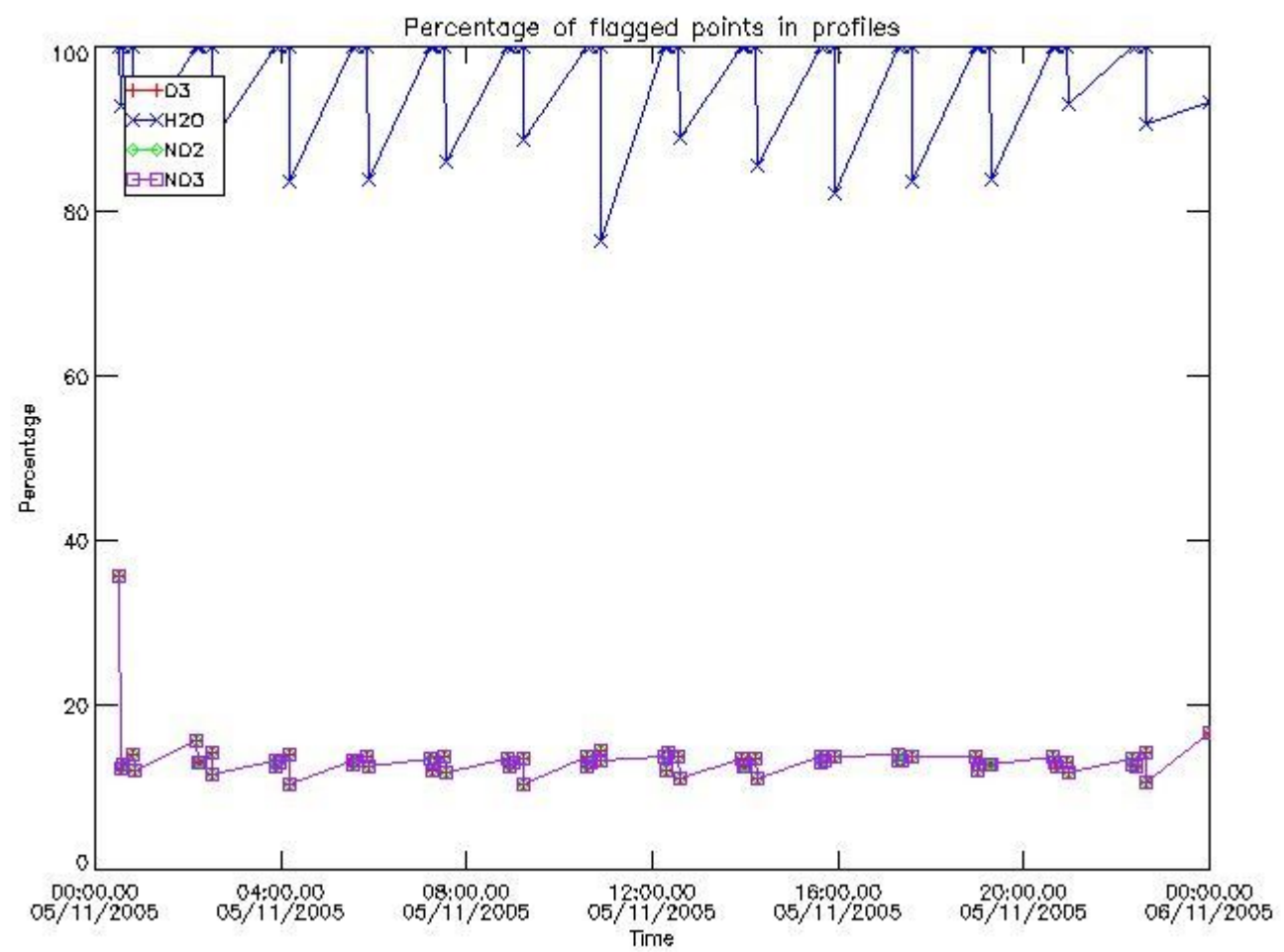
102	GOM_NL__2PRFIN20051105_130657_000000372042_00167_19259_8216.N1	05-NOV-2005 13:06:57	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19259	No
103	GOM_NL__2PRFIN20051105_131610_000000362042_00167_19259_8217.N1	05-NOV-2005 13:16:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19259	No
104	GOM_NL__2PRFIN20051105_132011_000000522042_00167_19259_8218.N1	05-NOV-2005 13:20:11	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	19259	No
105	GOM_NL__2PRFIN20051105_132600_000000362042_00167_19259_8219.N1	05-NOV-2005 13:26:00	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	19259	No
106	GOM_NL__2PRFIN20051105_132724_000000352042_00167_19259_8220.N1	05-NOV-2005 13:27:24	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	19259	No
107	GOM_NL__2PRFIN20051105_133057_000000342042_00167_19259_8221.N1	05-NOV-2005 13:30:57	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	19259	No
108	GOM_NL__2PRFIN20051105_135600_000000382042_00167_19259_8222.N1	05-NOV-2005 13:56:00	Dark	38.000	99	Del Cen	2.5750	26000.	76	19259	No
109	GOM_NL__2PRFIN20051105_135720_000000412042_00167_19259_8223.N1	05-NOV-2005 13:57:20	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	19259	No
110	GOM_NL__2PRFIN20051105_140115_000000412042_00168_19260_8211.N1	05-NOV-2005 14:01:15	Dark	40.500	91	Kap Vel	2.4900	26000.	81	19260	No
111	GOM_NL__2PRFIN20051105_141414_000000382042_00168_19260_8212.N1	05-NOV-2005 14:14:14	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19260	No
112	GOM_NL__2PRFIN20051105_141536_000000462042_00168_19260_8213.N1	05-NOV-2005 14:15:36	Dark	45.500	9	Alp Eri	0.45300	24000.	91	19260	No
113	GOM_NL__2PRFIN20051105_141905_000000402042_00168_19260_8214.N1	05-NOV-2005 14:19:05	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19260	No
114	GOM_NL__2PRFIN20051105_144026_000000362042_00168_19260_8215.N1	05-NOV-2005 14:40:26	Bright	36.000	58	21Alp And	2.0730	11000.	72	19260	No
115	GOM_NL__2PRFIN20051105_144733_000000372042_00168_19260_8216.N1	05-NOV-2005 14:47:33	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19260	No
116	GOM_NL__2PRFIN20051105_145646_000000342042_00168_19260_8217.N1	05-NOV-2005 14:56:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	19260	No
117	GOM_NL__2PRFIN20051105_150047_000000362042_00168_19260_8218.N1	05-NOV-2005 15:00:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19260	No
118	GOM_NL__2PRFIN20051105_150636_000000342042_00168_19260_8219.N1	05-NOV-2005 15:06:36	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	19260	No
119	GOM_NL__2PRFIN20051105_150800_000000352042_00168_19260_8220.N1	05-NOV-2005 15:08:00	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	19260	No
120	GOM_NL__2PRFIN20051105_151134_000000342042_00168_19260_8221.N1	05-NOV-2005 15:11:34	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	19260	No
121	GOM_NL__2PRFIN20051105_153637_000000372042_00168_19260_8222.N1	05-NOV-2005 15:36:37	Dark	37.000	99	Del Cen	2.5750	26000.	74	19260	No
122	GOM_NL__2PRFIN20051105_153756_000000402042_00168_19260_8223.N1	05-NOV-2005 15:37:56	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	19260	No
123	GOM_NL__2PRFIN20051105_154152_000000392042_00169_19261_8231.N1	05-NOV-2005 15:41:52	Dark	38.500	91	Kap Vel	2.4900	26000.	77	19261	No
124	GOM_NL__2PRFIN20051105_155450_000000372042_00169_19261_8232.N1	05-NOV-2005 15:54:50	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19261	No
125	GOM_NL__2PRFIN20051105_155612_000000372042_00169_19261_8233.N1	05-NOV-2005 15:56:12	Dark	37.000	9	Alp Eri	0.45300	24000.	74	19261	No
126	GOM_NL__2PRFIN20051105_155941_000000392042_00169_19261_8234.N1	05-NOV-2005 15:59:41	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19261	No
127	GOM_NL__2PRFIN20051105_162102_000000382042_00169_19261_8235.N1	05-NOV-2005 16:21:02	Bright	37.500	58	21Alp And	2.0730	11000.	75	19261	No
128	GOM_NL__2PRFIN20051105_162809_000000362042_00169_19261_8236.N1	05-NOV-2005 16:28:09	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19261	No
129	GOM_NL__2PRFIN20051105_163722_000000362042_00169_19261_8237.N1	05-NOV-2005 16:37:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19261	No
130	GOM_NL__2PRFIN20051105_164123_000000372042_00169_19261_8238.N1	05-NOV-2005 16:41:23	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19261	No
131	GOM_NL__2PRFIN20051105_164712_000000332042_00169_19261_8239.N1	05-NOV-2005 16:47:12	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	19261	No
132	GOM_NL__2PRFIN20051105_164836_000000362042_00169_19261_8240.N1	05-NOV-2005 16:48:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	19261	No
133	GOM_NL__2PRFIN20051105_165209_000000322042_00169_19261_8241.N1	05-NOV-2005 16:52:09	Bright	31.500	152	12Alp2CVn	2.8900	11000.	63	19261	No
134	GOM_NL__2PRFIN20051105_171713_000000372042_00169_19261_8242.N1	05-NOV-2005 17:17:13	Dark	36.500	99	Del Cen	2.5750	26000.	73	19261	No
135	GOM_NL__2PRFIN20051105_171833_000000392042_00169_19261_8243.N1	05-NOV-2005 17:18:33	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	19261	No
136	GOM_NL__2PRFIN20051105_172228_000000392042_00170_19262_8231.N1	05-NOV-2005 17:22:28	Dark	38.500	91	Kap Vel	2.4900	26000.	77	19262	No
137	GOM_NL__2PRFIN20051105_173526_000000372042_00170_19262_8232.N1	05-NOV-2005 17:35:26	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19262	No
138	GOM_NL__2PRFIN20051105_173649_000000372042_00170_19262_8233.N1	05-NOV-2005 17:36:49	Dark	37.000	9	Alp Eri	0.45300	24000.	74	19262	No
139	GOM_NL__2PRFIN20051105_174017_000000402042_00170_19262_8234.N1	05-NOV-2005 17:40:17	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19262	No
140	GOM_NL__2PRFIN20051105_180138_000000362042_00170_19262_8235.N1	05-NOV-2005 18:01:38	Bright	36.000	58	21Alp And	2.0730	11000.	72	19262	No
141	GOM_NL__2PRFIN20051105_180845_000000372042_00170_19262_8236.N1	05-NOV-2005 18:08:45	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19262	No
142	GOM_NL__2PRFIN20051105_181757_000000362042_00170_19262_8237.N1	05-NOV-2005 18:17:57	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19262	No
143	GOM_NL__2PRFIN20051105_182159_000000372042_00170_19262_8238.N1	05-NOV-2005 18:21:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19262	No
144	GOM_NL__2PRFIN20051105_182748_000000372042_00170_19262_8239.N1	05-NOV-2005 18:27:48	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	19262	No
145	GOM_NL__2PRFIN20051105_182913_000000332042_00170_19262_8240.N1	05-NOV-2005 18:29:13	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19262	No
146	GOM_NL__2PRFIN20051105_183246_000000352042_00170_19262_8241.N1	05-NOV-2005 18:32:46	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	19262	No
147	GOM_NL__2PRFIN20051105_185749_000000372042_00170_19262_8242.N1	05-NOV-2005 18:57:49	Dark	37.000	99	Del Cen	2.5750	26000.	74	19262	No
148	GOM_NL__2PRFIN20051105_185909_000000432042_00170_19262_8243.N1	05-NOV-2005 18:59:09	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	19262	No
149	GOM_NL__2PRFIN20051105_190305_000000402042_00171_19263_8231.N1	05-NOV-2005 19:03:05	Dark	40.000	91	Kap Vel	2.4900	26000.	80	19263	No
150	GOM_NL__2PRFIN20051105_191603_000000402042_00171_19263_8232.N1	05-NOV-2005 19:16:03	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	19263	No
151	GOM_NL__2PRFIN20051105_191725_000000442042_00171_19263_8233.N1	05-NOV-2005 19:17:25	Dark	43.500	9	Alp Eri	0.45300	24000.	87	19263	No
152	GOM_NL__2PRFIN20051105_192053_000000412042_00171_19263_8234.N1	05-NOV-2005 19:20:53	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	19263	No
153	GOM_NL__2PRFIN20051105_194214_000000362042_00171_19263_8235.N1	05-NOV-2005 19:42:14	Bright	35.500	58	21Alp And	2.0730	11000.	71	19263	No
154	GOM_NL__2PRFIN20051105_194921_000000352042_00171_19263_8236.N1	05-NOV-2005 19:49:21	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	19263	No
155	GOM_NL__2PRFIN20051105_195833_000000362042_00171_19263_8237.N1	05-NOV-2005 19:58:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19263	No
156	GOM_NL__2PRFIN20051105_200235_000000342042_00171_19263_8238.N1	05-NOV-2005 20:02:35	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	19263	No
157	GOM_NL__2PRFIN20051105_200824_000000382042_00171_19263_8239.N1	05-NOV-2005 20:08:24	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19263	No
158	GOM_NL__2PRFIN20051105_200949_000000342042_00171_19263_8240.N1	05-NOV-2005 20:09:49	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19263	No
159	GOM_NL__2PRFIN20051105_201322_000000322042_00171_19263_8241.N1	05-NOV-2005 20:13:22	Bright	31.500	152	12Alp2CVn	2.8900	11000.	63	19263	No
160	GOM_NL__2PRFIN20051105_203825_000000372042_00171_19263_8242.N1	05-NOV-2005 20:38:25	Dark	37.000	99	Del Cen	2.5750	26000.	74	19263	No

161	GOM_NL__2PRFIN20051105_203945_000000402042_00171_19263_8243.N1	05-NOV-2005 20:39:45	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	19263	No
162	GOM_NL__2PRFIN20051105_204342_000000412042_00172_19264_8231.N1	05-NOV-2005 20:43:42	Dark	40.500	91	Kap Vel	2.4900	26000.	81	19264	No
163	GOM_NL__2PRFIN20051105_205639_000000392042_00172_19264_8232.N1	05-NOV-2005 20:56:39	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	19264	No
164	GOM_NL__2PRFIN20051105_205801_000000432042_00172_19264_8233.N1	05-NOV-2005 20:58:01	Dark	43.000	9	Alp Eri	0.45300	24000.	86	19264	No
165	GOM_NL__2PRFIN20051105_210130_000000382042_00172_19264_8234.N1	05-NOV-2005 21:01:30	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	19264	No
166	GOM_NL__2PRFIN20051105_212251_000000362042_00172_19264_8235.N1	05-NOV-2005 21:22:51	Bright	36.000	58	21Alp And	2.0730	11000.	72	19264	No
167	GOM_NL__2PRFIN20051105_212957_000000372042_00172_19264_8236.N1	05-NOV-2005 21:29:57	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19264	No
168	GOM_NL__2PRFIN20051105_213909_000000362042_00172_19264_8237.N1	05-NOV-2005 21:39:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19264	No
169	GOM_NL__2PRFIN20051105_214311_000000322042_00172_19264_8238.N1	05-NOV-2005 21:43:11	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	19264	No
170	GOM_NL__2PRFIN20051105_214900_000000352042_00172_19264_8239.N1	05-NOV-2005 21:49:00	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	19264	No
171	GOM_NL__2PRFIN20051105_215025_000000332042_00172_19264_8240.N1	05-NOV-2005 21:50:25	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19264	No
172	GOM_NL__2PRFIN20051105_221901_000000382042_00172_19264_8241.N1	05-NOV-2005 22:19:01	Dark	37.500	99	Del Cen	2.5750	26000.	75	19264	No
173	GOM_NL__2PRFIN20051105_222022_000000402042_00172_19264_8242.N1	05-NOV-2005 22:20:22	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	19264	No
174	GOM_NL__2PRFIN20051105_222418_000000412042_00173_19265_8231.N1	05-NOV-2005 22:24:18	Dark	40.500	91	Kap Vel	2.4900	26000.	81	19265	No
175	GOM_NL__2PRFIN20051105_223715_000000362042_00173_19265_8232.N1	05-NOV-2005 22:37:15	Dark	36.000	143	Alp Hyi	2.8570	7200.0	72	19265	No
176	GOM_NL__2PRFIN20051105_223837_000000482042_00173_19265_8233.N1	05-NOV-2005 22:38:37	Dark	48.000	9	Alp Eri	0.45300	24000.	96	19265	No
177	GOM_NL__2PRFIN20051105_224206_000000392042_00173_19265_8234.N1	05-NOV-2005 22:42:06	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19265	No
178	GOM_NL__2PRFIN20051105_230327_000000372042_00173_19265_8235.N1	05-NOV-2005 23:03:27	Bright	36.500	58	21Alp And	2.0730	11000.	73	19265	No
179	GOM_NL__2PRFIN20051105_231033_000000362042_00173_19265_8236.N1	05-NOV-2005 23:10:33	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19265	No
180	GOM_NL__2PRFIN20051105_231945_000000372042_00173_19265_8237.N1	05-NOV-2005 23:19:45	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	19265	No
181	GOM_NL__2PRFIN20051105_232347_000000342042_00173_19265_8238.N1	05-NOV-2005 23:23:47	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	19265	No
182	GOM_NL__2PRFIN20051105_232936_000000352042_00173_19265_8239.N1	05-NOV-2005 23:29:36	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	19265	No
183	GOM_NL__2PRFIN20051105_233101_000000352042_00173_19265_8240.N1	05-NOV-2005 23:31:01	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	19265	No
184	GOM_NL__2PRFIN20051105_235937_000000372042_00173_19265_8241.N1	05-NOV-2005 23:59:37	Dark	37.000	99	Del Cen	2.5750	26000.	74	19265	No

3. Quality information per product

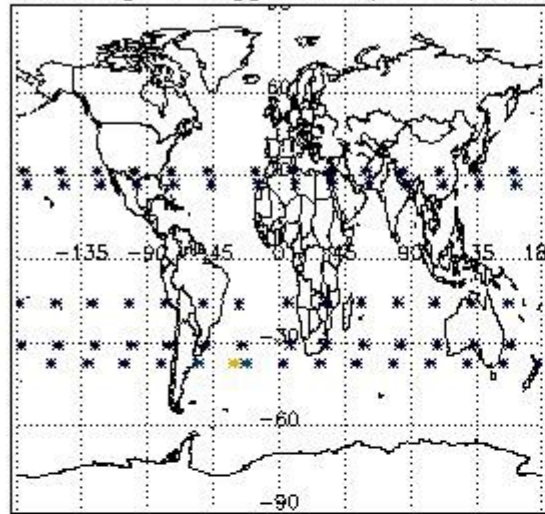
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

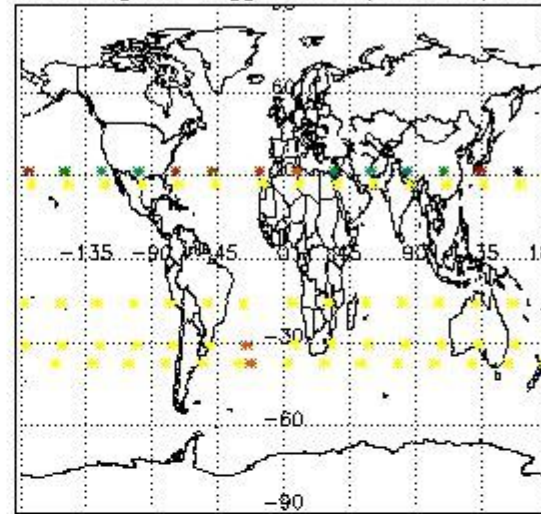


3.2 Plot quality information per product (world map)

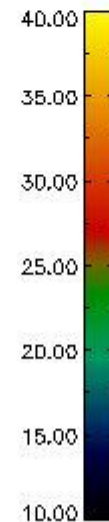
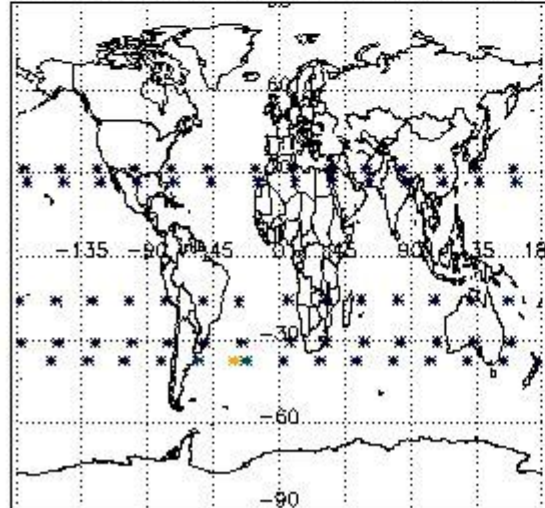
Percentage of flagged data per O3 profile



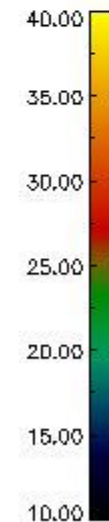
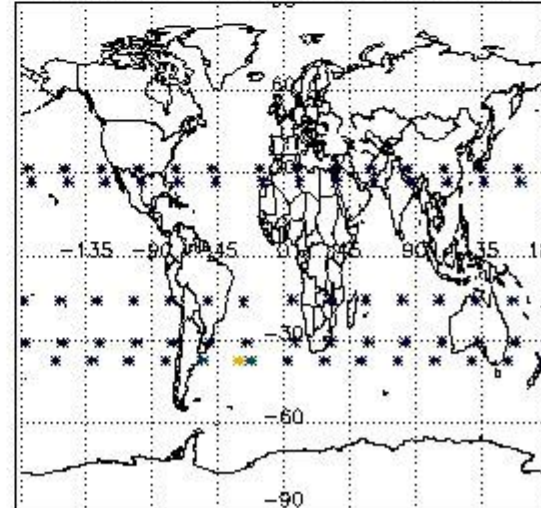
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

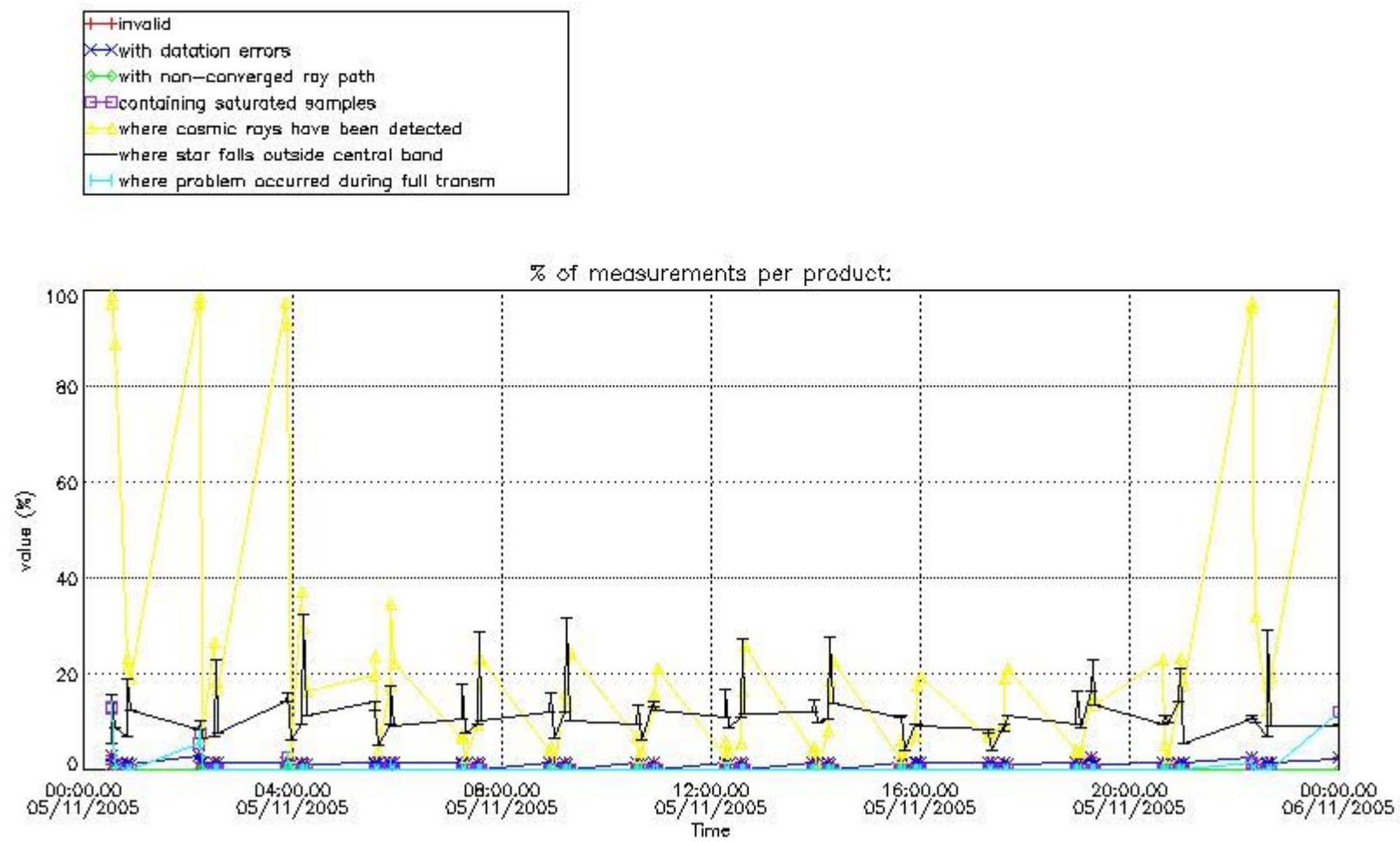


4. Level 1 quality information per product

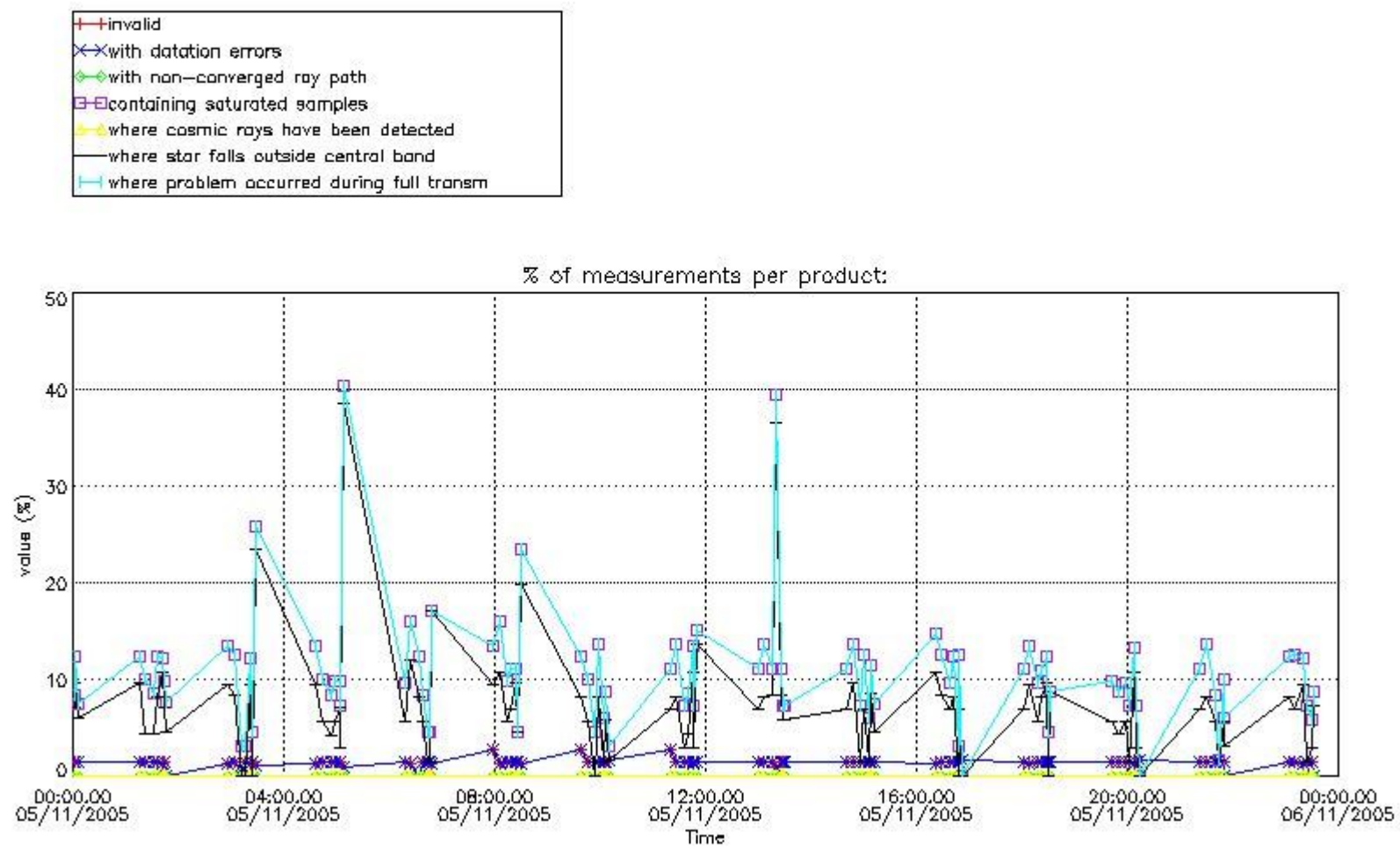
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



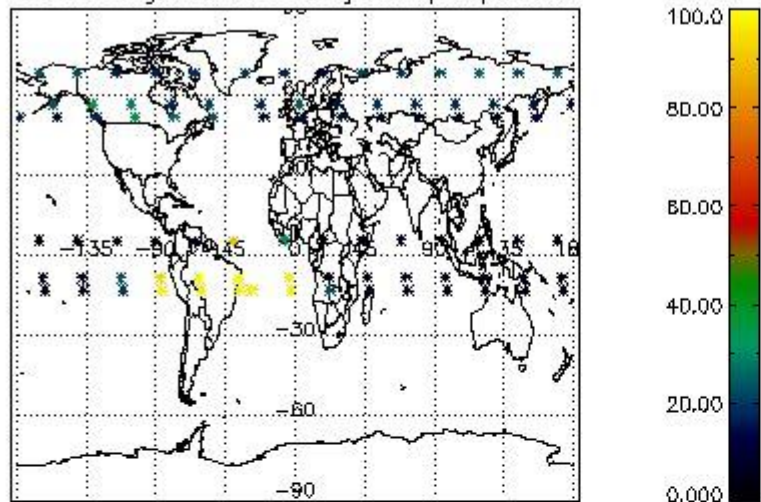
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



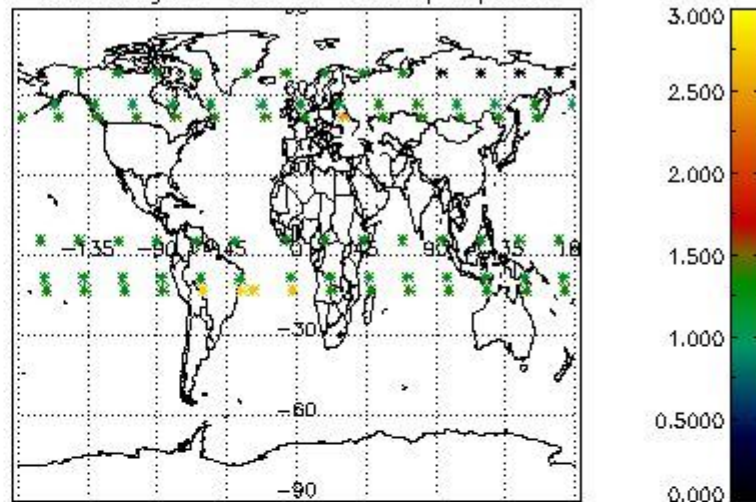
4.2 Plot quality information per product coming from level 1b processing (world map)

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

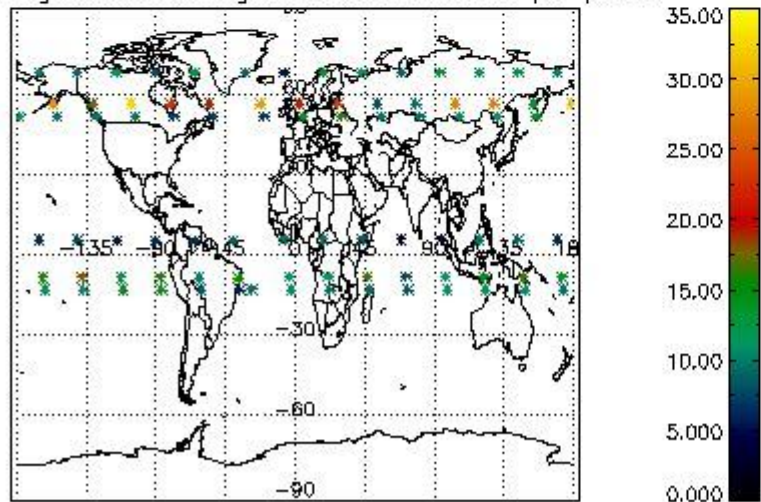
Percentage of cosmic ray hits per profile



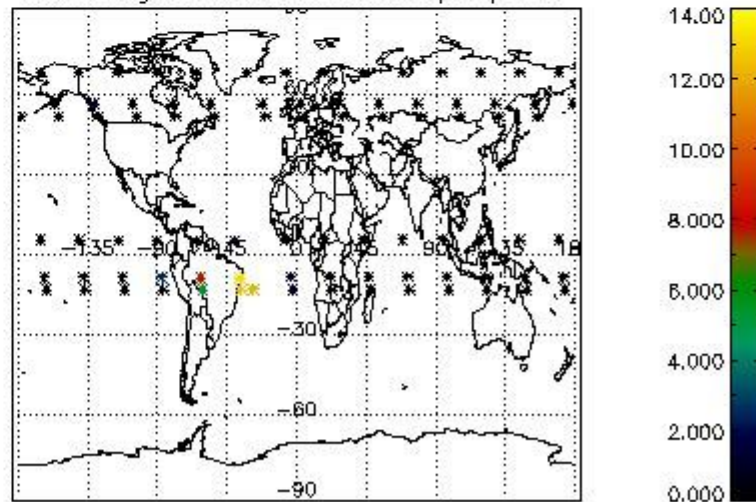
Percentage of datation errors per profile



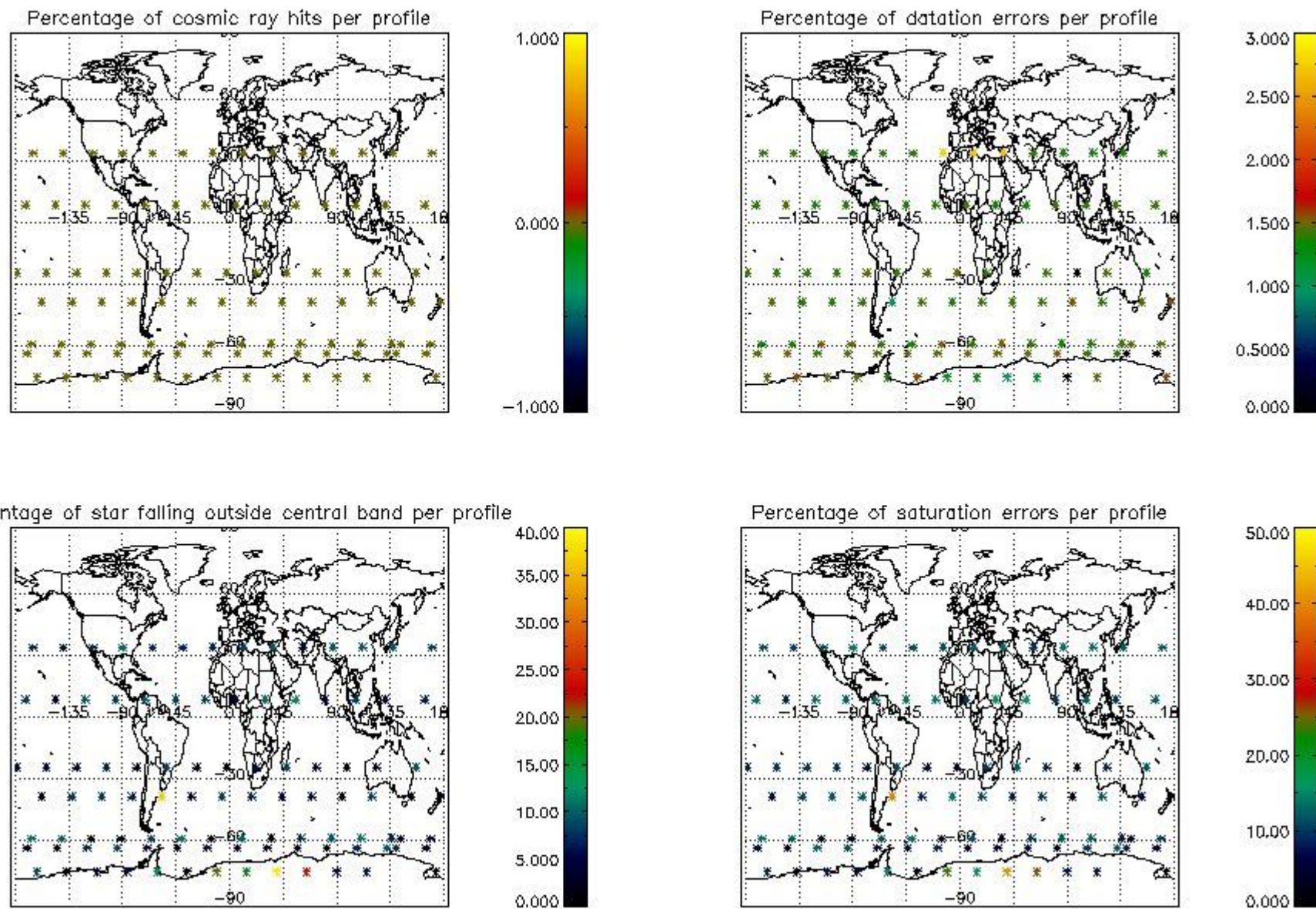
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

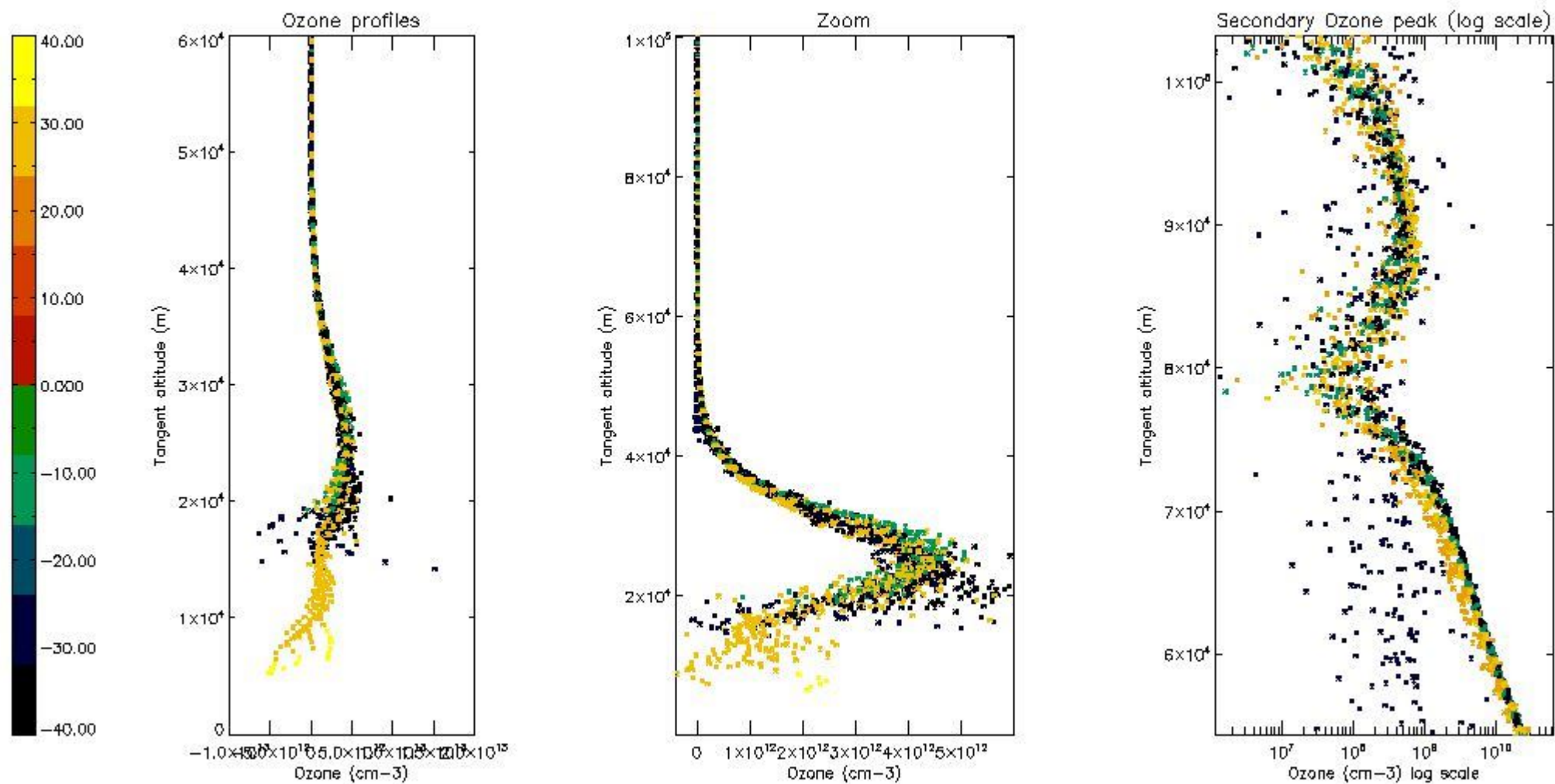
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	25

STD < 10	19
STD < 5	12

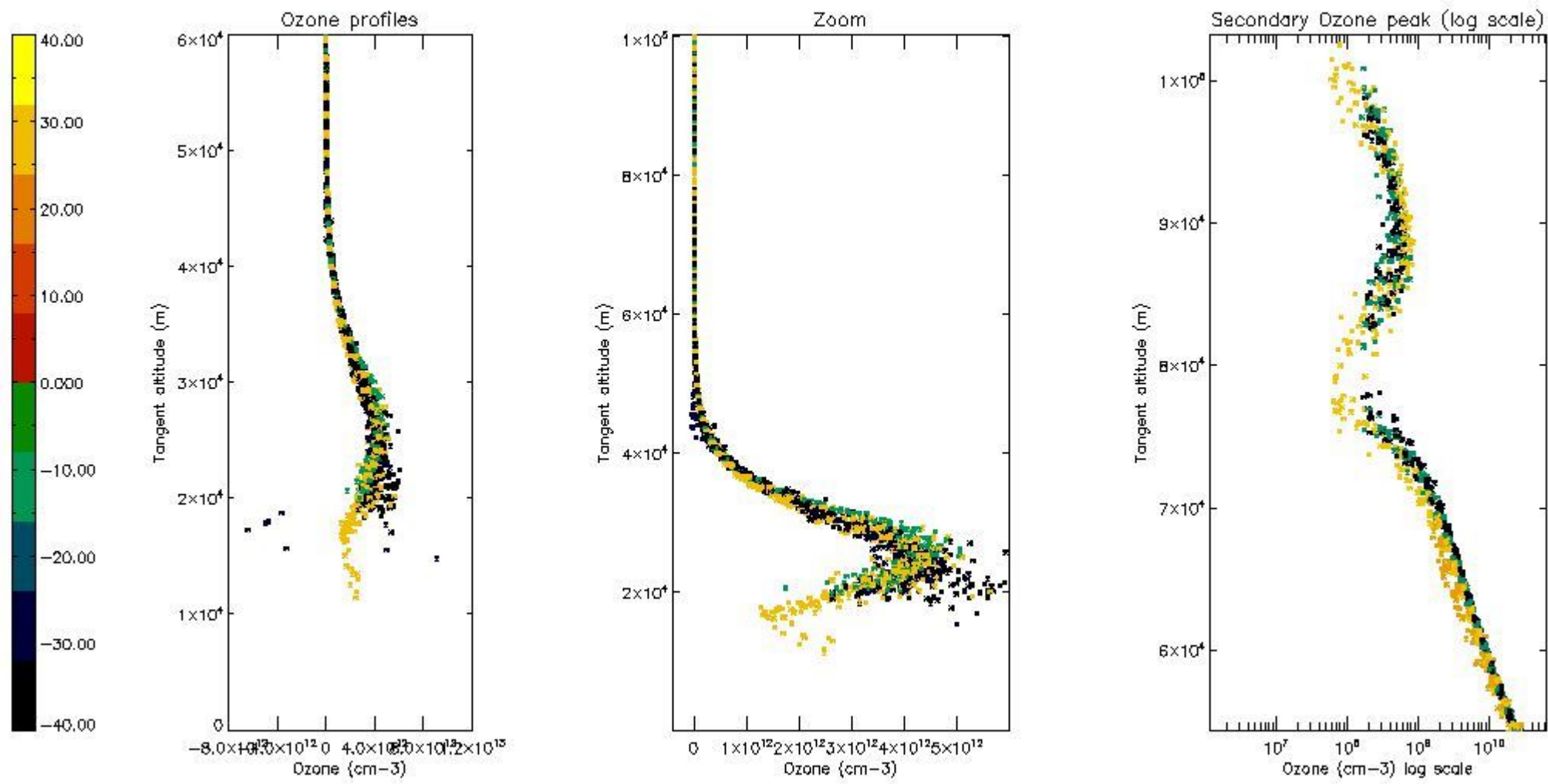
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



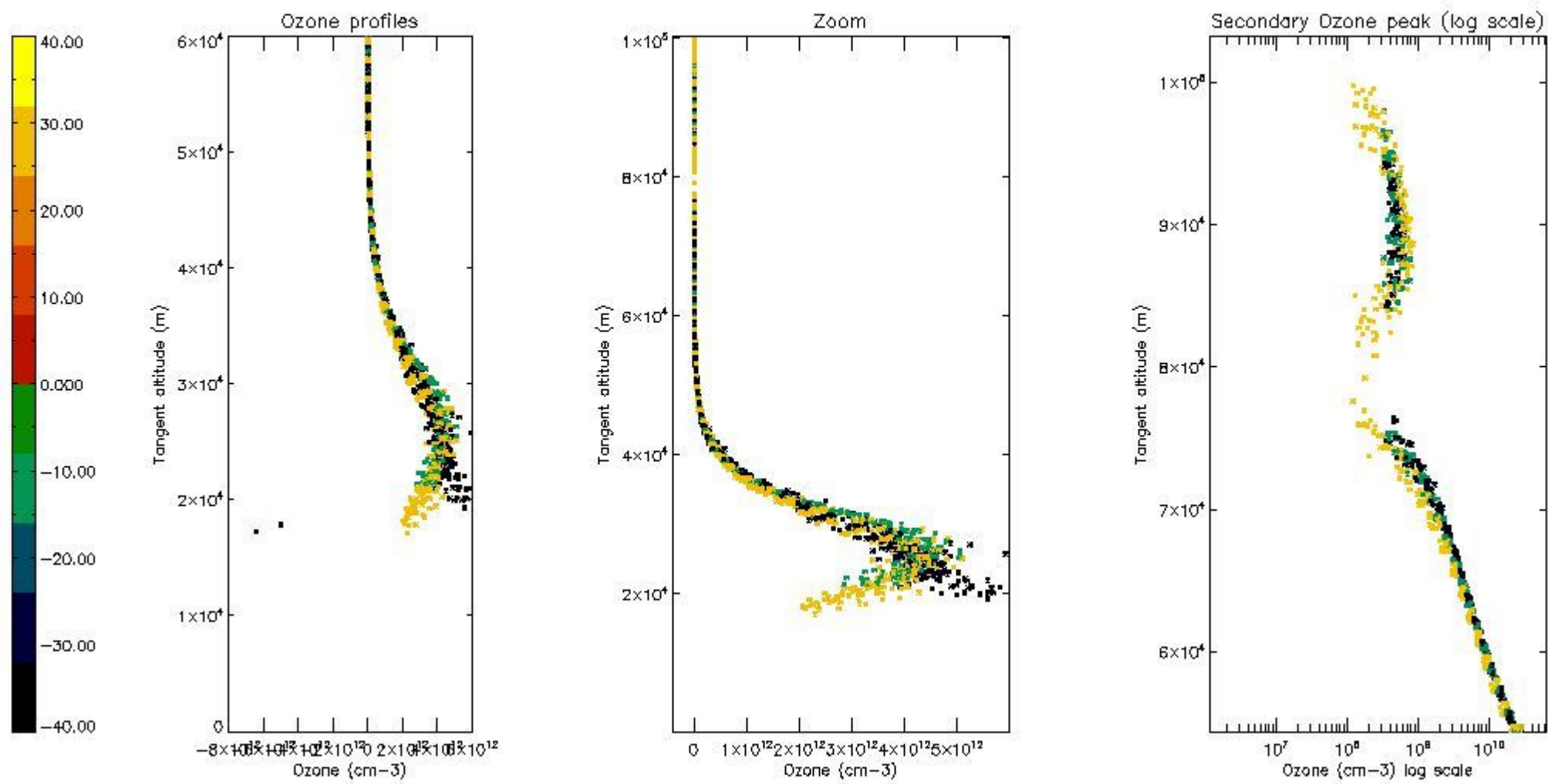
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



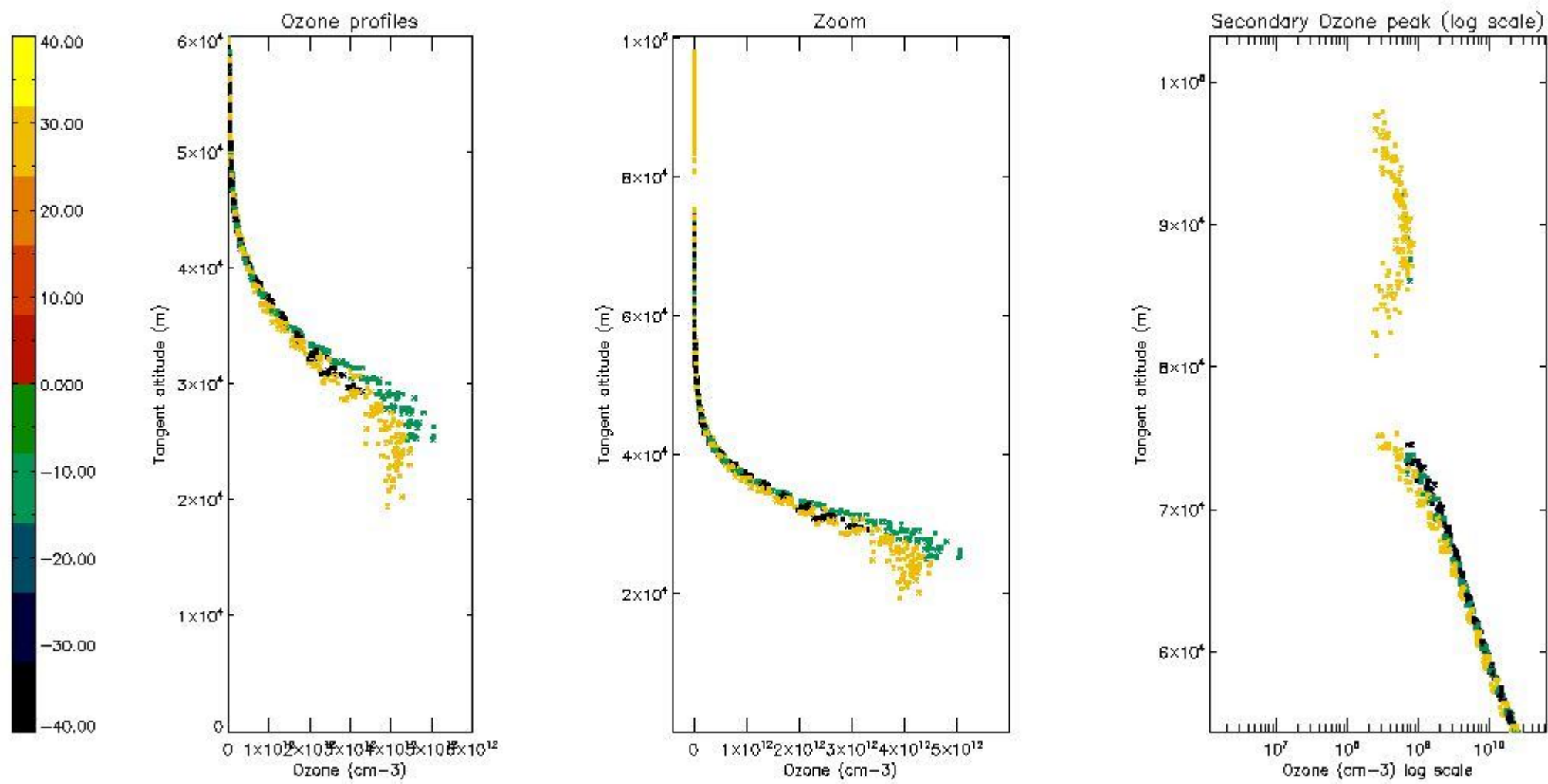
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



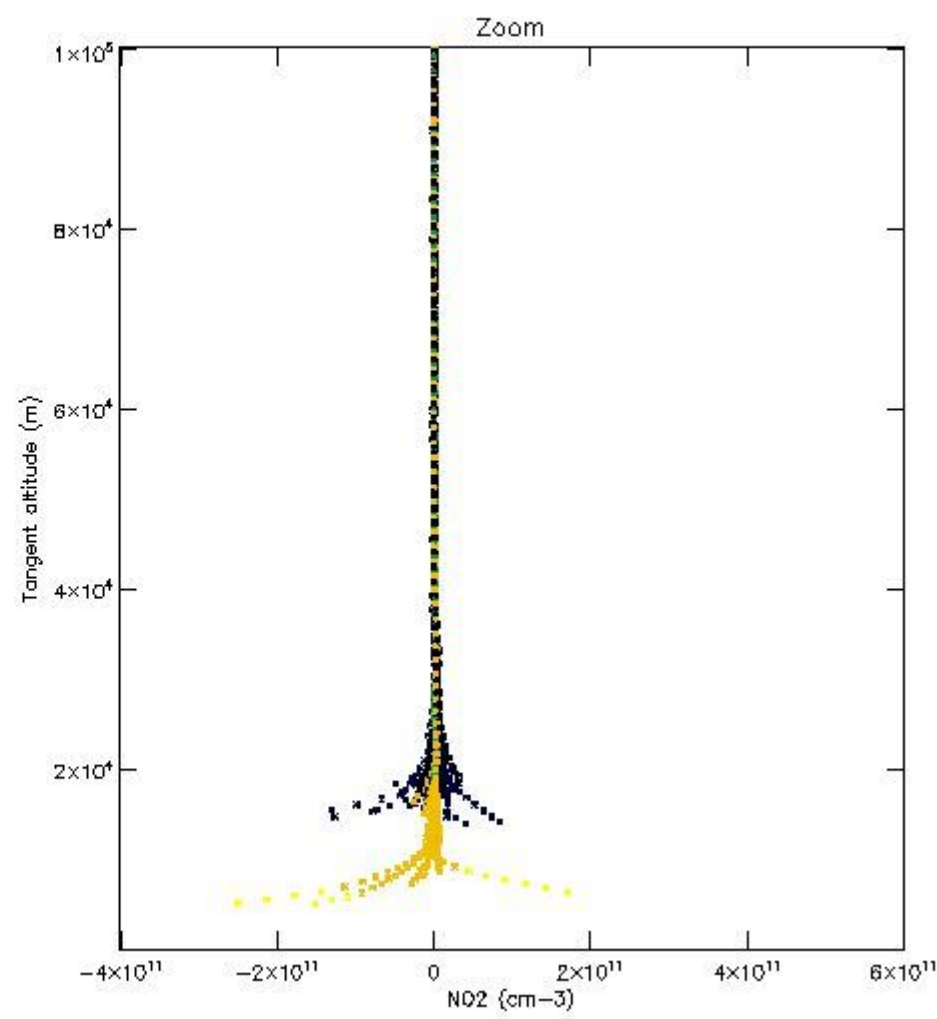
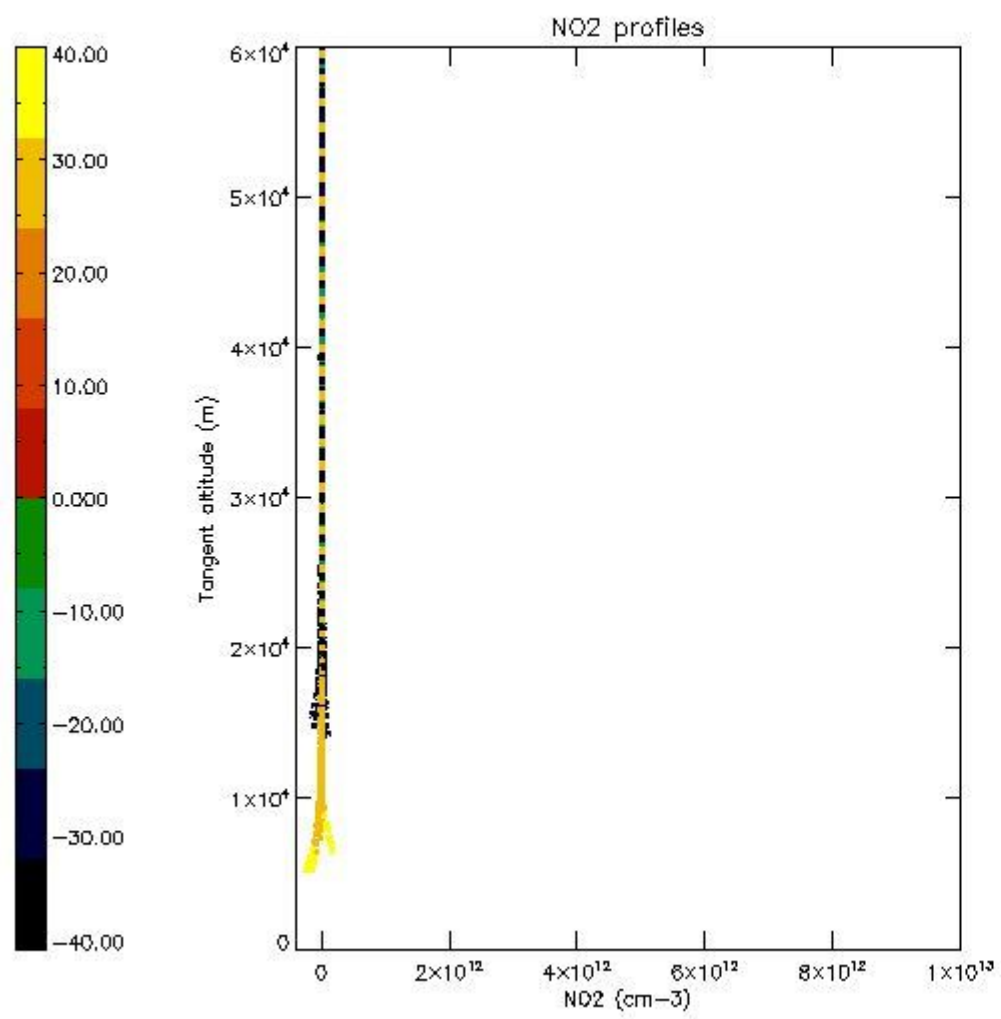
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



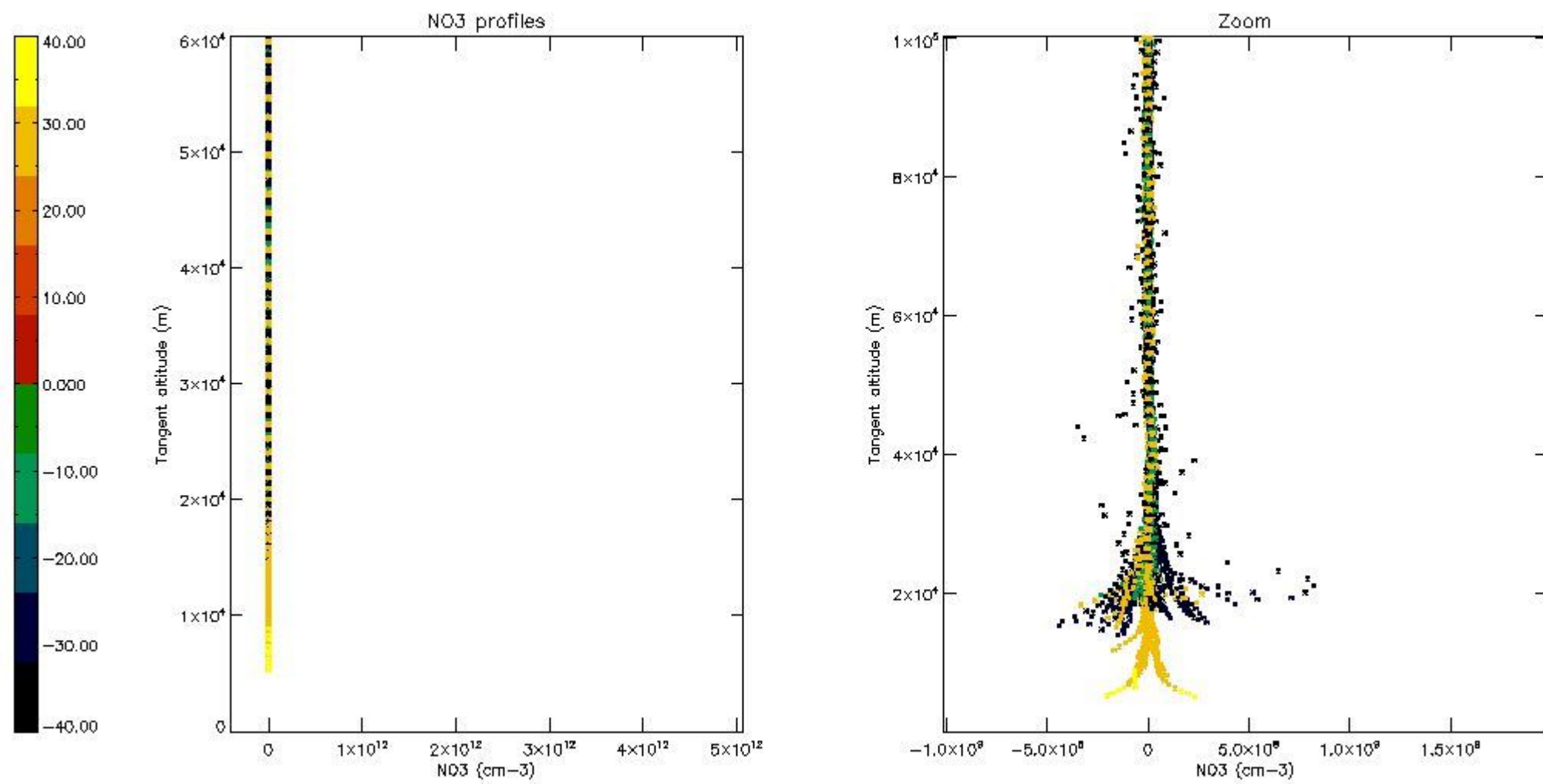
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	05-NOV-2005 00:01:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-NOV-2005 00:01:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-NOV-2005 00:01:12

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	18APR2013 12:16:52
Data source version	GOMOS/6.01
Start time of products	05-11-2005 (05NOV2005 00:00:00)
Stop time of products	06-11-2005 (06NOV2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	184
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__2PRFIN20051105_000112_000000362042_00159_19251_8219.N1	05-NOV-2005 00:01:12	Bright	35.500	32	77Eps UMa	1.7630	11000.	71	19251	No
2	GOM_NL__2PRFIN20051105_000235_000000372042_00159_19251_8220.N1	05-NOV-2005 00:02:35	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	19251	No
3	GOM_NL__2PRFIN20051105_000609_000000342042_00159_19251_8221.N1	05-NOV-2005 00:06:09	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	19251	No
4	GOM_NL__2PRFIN20051105_003111_000000362042_00159_19251_8223.N1	05-NOV-2005 00:31:11	Dark	35.500	99	Del Cen	2.5750	26000.	71	19251	No
5	GOM_NL__2PRFIN20051105_003229_000000422042_00159_19251_8224.N1	05-NOV-2005 00:32:29	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	19251	No
6	GOM_NL__2PRFIN20051105_003623_000000402042_00160_19252_8211.N1	05-NOV-2005 00:36:23	Dark	40.000	91	Kap Vel	2.4900	26000.	80	19252	No
7	GOM_NL__2PRFIN20051105_004925_000000372042_00160_19252_8212.N1	05-NOV-2005 00:49:25	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19252	No
8	GOM_NL__2PRFIN20051105_005048_000000422042_00160_19252_8213.N1	05-NOV-2005 00:50:48	Dark	42.000	9	Alp Eri	0.45300	24000.	84	19252	No
9	GOM_NL__2PRFIN20051105_005415_000000402042_00160_19252_8214.N1	05-NOV-2005 00:54:15	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19252	No
10	GOM_NL__2PRFIN20051105_011536_000000372042_00160_19252_8215.N1	05-NOV-2005 01:15:36	Bright	36.500	58	21Alp And	2.0730	11000.	73	19252	No
11	GOM_NL__2PRFIN20051105_012245_000000352042_00160_19252_8216.N1	05-NOV-2005 01:22:45	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19252	No
12	GOM_NL__2PRFIN20051105_013158_000000352042_00160_19252_8217.N1	05-NOV-2005 01:31:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19252	No
13	GOM_NL__2PRFIN20051105_013558_000000372042_00160_19252_8218.N1	05-NOV-2005 01:35:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19252	No
14	GOM_NL__2PRFIN20051105_014148_000000372042_00160_19252_8219.N1	05-NOV-2005 01:41:48	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19252	No
15	GOM_NL__2PRFIN20051105_014311_000000362042_00160_19252_8220.N1	05-NOV-2005 01:43:11	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	19252	No
16	GOM_NL__2PRFIN20051105_014645_000000332042_00160_19252_8221.N1	05-NOV-2005 01:46:45	Bright	32.500	152	12Alp2CVn	2.8900	11000.	65	19252	No
17	GOM_NL__2PRFIN20051105_021147_000000362042_00160_19252_8222.N1	05-NOV-2005 02:11:47	Dark	36.000	99	Del Cen	2.5750	26000.	72	19252	No
18	GOM_NL__2PRFIN20051105_021305_000000392042_00160_19252_8223.N1	05-NOV-2005 02:13:05	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	19252	No
19	GOM_NL__2PRFIN20051105_021659_000000392042_00161_19253_8211.N1	05-NOV-2005 02:16:59	Dark	39.000	91	Kap Vel	2.4900	26000.	78	19253	No
20	GOM_NL__2PRFIN20051105_023001_000000362042_00161_19253_8212.N1	05-NOV-2005 02:30:01	Dark	36.000	143	Alp Hyi	2.8570	7200.0	72	19253	No
21	GOM_NL__2PRFIN20051105_023124_000000442042_00161_19253_8213.N1	05-NOV-2005 02:31:24	Dark	44.000	9	Alp Eri	0.45300	24000.	88	19253	No
22	GOM_NL__2PRFIN20051105_023451_000000392042_00161_19253_8214.N1	05-NOV-2005 02:34:51	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	19253	No
23	GOM_NL__2PRFIN20051105_025612_000000372042_00161_19253_8215.N1	05-NOV-2005 02:56:12	Bright	37.000	58	21Alp And	2.0730	11000.	74	19253	No
24	GOM_NL__2PRFIN20051105_030321_000000362042_00161_19253_8216.N1	05-NOV-2005 03:03:21	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19253	No
25	GOM_NL__2PRFIN20051105_031234_000000332042_00161_19253_8217.N1	05-NOV-2005 03:12:34	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	19253	No
26	GOM_NL__2PRFIN20051105_031634_000000332042_00161_19253_8218.N1	05-NOV-2005 03:16:34	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	19253	No
27	GOM_NL__2PRFIN20051105_032224_000000372042_00161_19253_8219.N1	05-NOV-2005 03:22:24	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19253	No
28	GOM_NL__2PRFIN20051105_032347_000000332042_00161_19253_8220.N1	05-NOV-2005 03:23:47	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19253	No
29	GOM_NL__2PRFIN20051105_032721_000000432042_00161_19253_8221.N1	05-NOV-2005 03:27:21	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	19253	No
30	GOM_NL__2PRFIN20051105_035224_000000392042_00161_19253_8222.N1	05-NOV-2005 03:52:24	Dark	38.500	99	Del Cen	2.5750	26000.	77	19253	No
31	GOM_NL__2PRFIN20051105_035341_000000412042_00161_19253_8223.N1	05-NOV-2005 03:53:41	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	19253	No
32	GOM_NL__2PRFIN20051105_035736_000000402042_00162_19254_8211.N1	05-NOV-2005 03:57:36	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19254	No
33	GOM_NL__2PRFIN20051105_041038_000000372042_00162_19254_8212.N1	05-NOV-2005 04:10:38	Dark	36.500	143	Alp Hyi	2.8570	7200.0	73	19254	No
34	GOM_NL__2PRFIN20051105_041200_000000502042_00162_19254_8213.N1	05-NOV-2005 04:12:00	Dark	49.500	9	Alp Eri	0.45300	24000.	99	19254	No
35	GOM_NL__2PRFIN20051105_041527_000000402042_00162_19254_8214.N1	05-NOV-2005 04:15:27	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19254	No
36	GOM_NL__2PRFIN20051105_043648_000000372042_00162_19254_8215.N1	05-NOV-2005 04:36:48	Bright	37.000	58	21Alp And	2.0730	11000.	74	19254	No
37	GOM_NL__2PRFIN20051105_044357_000000352042_00162_19254_8216.N1	05-NOV-2005 04:43:57	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19254	No
38	GOM_NL__2PRFIN20051105_045310_000000362042_00162_19254_8217.N1	05-NOV-2005 04:53:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19254	No
39	GOM_NL__2PRFIN20051105_045710_000000362042_00162_19254_8218.N1	05-NOV-2005 04:57:10	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19254	No
40	GOM_NL__2PRFIN20051105_050300_000000362042_00162_19254_8219.N1	05-NOV-2005 05:03:00	Bright	35.500	32	77Eps UMa	1.7630	11000.	71	19254	No
41	GOM_NL__2PRFIN20051105_050424_000000342042_00162_19254_8220.N1	05-NOV-2005 05:04:24	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19254	No
42	GOM_NL__2PRFIN20051105_050757_000000522042_00162_19254_8221.N1	05-NOV-2005 05:07:57	Bright	52.000	152	12Alp2CVn	2.8900	11000.	104	19254	No

43	GOM_NL__2PRFIN20051105_053300_000000392042_00162_19254_8222.N1	05-NOV-2005 05:33:00	Dark	38.500	99	Del Cen	2.5750	26000.	77	19254	No
44	GOM_NL__2PRFIN20051105_053418_000000402042_00162_19254_8223.N1	05-NOV-2005 05:34:18	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	19254	No
45	GOM_NL__2PRFIN20051105_053813_000000392042_00163_19255_8211.N1	05-NOV-2005 05:38:13	Dark	38.500	91	Kap Vel	2.4900	26000.	77	19255	No
46	GOM_NL__2PRFIN20051105_055114_000000372042_00163_19255_8212.N1	05-NOV-2005 05:51:14	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19255	No
47	GOM_NL__2PRFIN20051105_055236_000000412042_00163_19255_8213.N1	05-NOV-2005 05:52:36	Dark	40.500	9	Alp Eri	0.45300	24000.	81	19255	No
48	GOM_NL__2PRFIN20051105_055604_000000392042_00163_19255_8214.N1	05-NOV-2005 05:56:04	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	19255	No
49	GOM_NL__2PRFIN20051105_061725_000000362042_00163_19255_8215.N1	05-NOV-2005 06:17:25	Bright	36.000	58	21Alp And	2.0730	11000.	72	19255	No
50	GOM_NL__2PRFIN20051105_062433_000000382042_00163_19255_8216.N1	05-NOV-2005 06:24:33	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19255	No
51	GOM_NL__2PRFIN20051105_063346_000000372042_00163_19255_8217.N1	05-NOV-2005 06:33:46	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	19255	No
52	GOM_NL__2PRFIN20051105_063746_000000362042_00163_19255_8218.N1	05-NOV-2005 06:37:46	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	19255	No
53	GOM_NL__2PRFIN20051105_064336_000000332042_00163_19255_8219.N1	05-NOV-2005 06:43:36	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	19255	No
54	GOM_NL__2PRFIN20051105_064500_000000332042_00163_19255_8220.N1	05-NOV-2005 06:45:00	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19255	No
55	GOM_NL__2PRFIN20051105_064833_000000382042_00163_19255_8221.N1	05-NOV-2005 06:48:33	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	19255	No
56	GOM_NL__2PRFIN20051105_071336_000000382042_00163_19255_8222.N1	05-NOV-2005 07:13:36	Dark	37.500	99	Del Cen	2.5750	26000.	75	19255	No
57	GOM_NL__2PRFIN20051105_071454_000000422042_00163_19255_8223.N1	05-NOV-2005 07:14:54	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	19255	No
58	GOM_NL__2PRFIN20051105_071849_000000402042_00164_19256_8211.N1	05-NOV-2005 07:18:49	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19256	No
59	GOM_NL__2PRFIN20051105_073150_000000372042_00164_19256_8212.N1	05-NOV-2005 07:31:50	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19256	No
60	GOM_NL__2PRFIN20051105_073312_000000472042_00164_19256_8213.N1	05-NOV-2005 07:33:12	Dark	47.000	9	Alp Eri	0.45300	24000.	94	19256	No
61	GOM_NL__2PRFIN20051105_073640_000000392042_00164_19256_8214.N1	05-NOV-2005 07:36:40	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19256	No
62	GOM_NL__2PRFIN20051105_075801_000000372042_00164_19256_8215.N1	05-NOV-2005 07:58:01	Bright	37.000	58	21Alp And	2.0730	11000.	74	19256	No
63	GOM_NL__2PRFIN20051105_080509_000000382042_00164_19256_8216.N1	05-NOV-2005 08:05:09	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	19256	No
64	GOM_NL__2PRFIN20051105_081422_000000362042_00164_19256_8217.N1	05-NOV-2005 08:14:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19256	No
65	GOM_NL__2PRFIN20051105_081823_000000362042_00164_19256_8218.N1	05-NOV-2005 08:18:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19256	No
66	GOM_NL__2PRFIN20051105_082412_000000362042_00164_19256_8219.N1	05-NOV-2005 08:24:12	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	19256	No
67	GOM_NL__2PRFIN20051105_082536_000000342042_00164_19256_8220.N1	05-NOV-2005 08:25:36	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	19256	No
68	GOM_NL__2PRFIN20051105_082909_000000412042_00164_19256_8221.N1	05-NOV-2005 08:29:09	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	19256	No
69	GOM_NL__2PRFIN20051105_085412_000000382042_00164_19256_8222.N1	05-NOV-2005 08:54:12	Dark	37.500	99	Del Cen	2.5750	26000.	75	19256	No
70	GOM_NL__2PRFIN20051105_085531_000000412042_00164_19256_8223.N1	05-NOV-2005 08:55:31	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	19256	No
71	GOM_NL__2PRFIN20051105_085926_000000392042_00165_19257_8211.N1	05-NOV-2005 08:59:26	Dark	39.000	91	Kap Vel	2.4900	26000.	78	19257	No
72	GOM_NL__2PRFIN20051105_091226_000000382042_00165_19257_8212.N1	05-NOV-2005 09:12:26	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19257	No
73	GOM_NL__2PRFIN20051105_091348_000000492042_00165_19257_8213.N1	05-NOV-2005 09:13:48	Dark	49.000	9	Alp Eri	0.45300	24000.	98	19257	No
74	GOM_NL__2PRFIN20051105_091716_000000392042_00165_19257_8214.N1	05-NOV-2005 09:17:16	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19257	No
75	GOM_NL__2PRFIN20051105_093837_000000372042_00165_19257_8215.N1	05-NOV-2005 09:38:37	Bright	36.500	58	21Alp And	2.0730	11000.	73	19257	No
76	GOM_NL__2PRFIN20051105_094545_000000352042_00165_19257_8216.N1	05-NOV-2005 09:45:45	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	19257	No
77	GOM_NL__2PRFIN20051105_095458_000000342042_00165_19257_8217.N1	05-NOV-2005 09:54:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	19257	No
78	GOM_NL__2PRFIN20051105_095859_000000372042_00165_19257_8218.N1	05-NOV-2005 09:58:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19257	No
79	GOM_NL__2PRFIN20051105_100448_000000332042_00165_19257_8219.N1	05-NOV-2005 10:04:48	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	19257	No
80	GOM_NL__2PRFIN20051105_100612_000000352042_00165_19257_8220.N1	05-NOV-2005 10:06:12	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	19257	No
81	GOM_NL__2PRFIN20051105_100945_000000322042_00165_19257_8221.N1	05-NOV-2005 10:09:45	Bright	32.000	152	12Alp2CVn	2.8900	11000.	64	19257	No
82	GOM_NL__2PRFIN20051105_103448_000000372042_00165_19257_8222.N1	05-NOV-2005 10:34:48	Dark	37.000	99	Del Cen	2.5750	26000.	74	19257	No
83	GOM_NL__2PRFIN20051105_103607_000000412042_00165_19257_8223.N1	05-NOV-2005 10:36:07	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	19257	No
84	GOM_NL__2PRFIN20051105_104002_000000402042_00166_19258_8211.N1	05-NOV-2005 10:40:02	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19258	No
85	GOM_NL__2PRFIN20051105_105302_000000392042_00166_19258_8212.N1	05-NOV-2005 10:53:02	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	19258	No
86	GOM_NL__2PRFIN20051105_105424_000000392042_00166_19258_8213.N1	05-NOV-2005 10:54:24	Dark	38.500	9	Alp Eri	0.45300	24000.	77	19258	No
87	GOM_NL__2PRFIN20051105_105752_000000402042_00166_19258_8214.N1	05-NOV-2005 10:57:52	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19258	No
88	GOM_NL__2PRFIN20051105_111913_000000362042_00166_19258_8215.N1	05-NOV-2005 11:19:13	Bright	36.000	58	21Alp And	2.0730	11000.	72	19258	No
89	GOM_NL__2PRFIN20051105_112621_000000372042_00166_19258_8216.N1	05-NOV-2005 11:26:21	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19258	No
90	GOM_NL__2PRFIN20051105_113534_000000352042_00166_19258_8217.N1	05-NOV-2005 11:35:34	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	19258	No
91	GOM_NL__2PRFIN20051105_113935_000000352042_00166_19258_8218.N1	05-NOV-2005 11:39:35	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	19258	No
92	GOM_NL__2PRFIN20051105_114524_000000372042_00166_19258_8219.N1	05-NOV-2005 11:45:24	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	19258	No
93	GOM_NL__2PRFIN20051105_114648_000000342042_00166_19258_8220.N1	05-NOV-2005 11:46:48	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19258	No
94	GOM_NL__2PRFIN20051105_115021_000000372042_00166_19258_8221.N1	05-NOV-2005 11:50:21	Bright	36.500	152	12Alp2CVn	2.8900	11000.	73	19258	No
95	GOM_NL__2PRFIN20051105_121524_000000372042_00166_19258_8222.N1	05-NOV-2005 12:15:24	Dark	37.000	99	Del Cen	2.5750	26000.	74	19258	No
96	GOM_NL__2PRFIN20051105_121643_000000422042_00166_19258_8223.N1	05-NOV-2005 12:16:43	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	19258	No
97	GOM_NL__2PRFIN20051105_122039_000000402042_00167_19259_8211.N1	05-NOV-2005 12:20:39	Dark	39.500	91	Kap Vel	2.4900	26000.	79	19259	No
98	GOM_NL__2PRFIN20051105_123338_000000372042_00167_19259_8212.N1	05-NOV-2005 12:33:38	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19259	No
99	GOM_NL__2PRFIN20051105_123500_000000462042_00167_19259_8213.N1	05-NOV-2005 12:35:00	Dark	46.000	9	Alp Eri	0.45300	24000.	92	19259	No
100	GOM_NL__2PRFIN20051105_123828_000000392042_00167_19259_8214.N1	05-NOV-2005 12:38:28	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19259	No
101	GOM_NL__2PRFIN20051105_125950_000000362042_00167_19259_8215.N1	05-NOV-2005 12:59:50	Bright	36.000	58	21Alp And	2.0730	11000.	72	19259	No

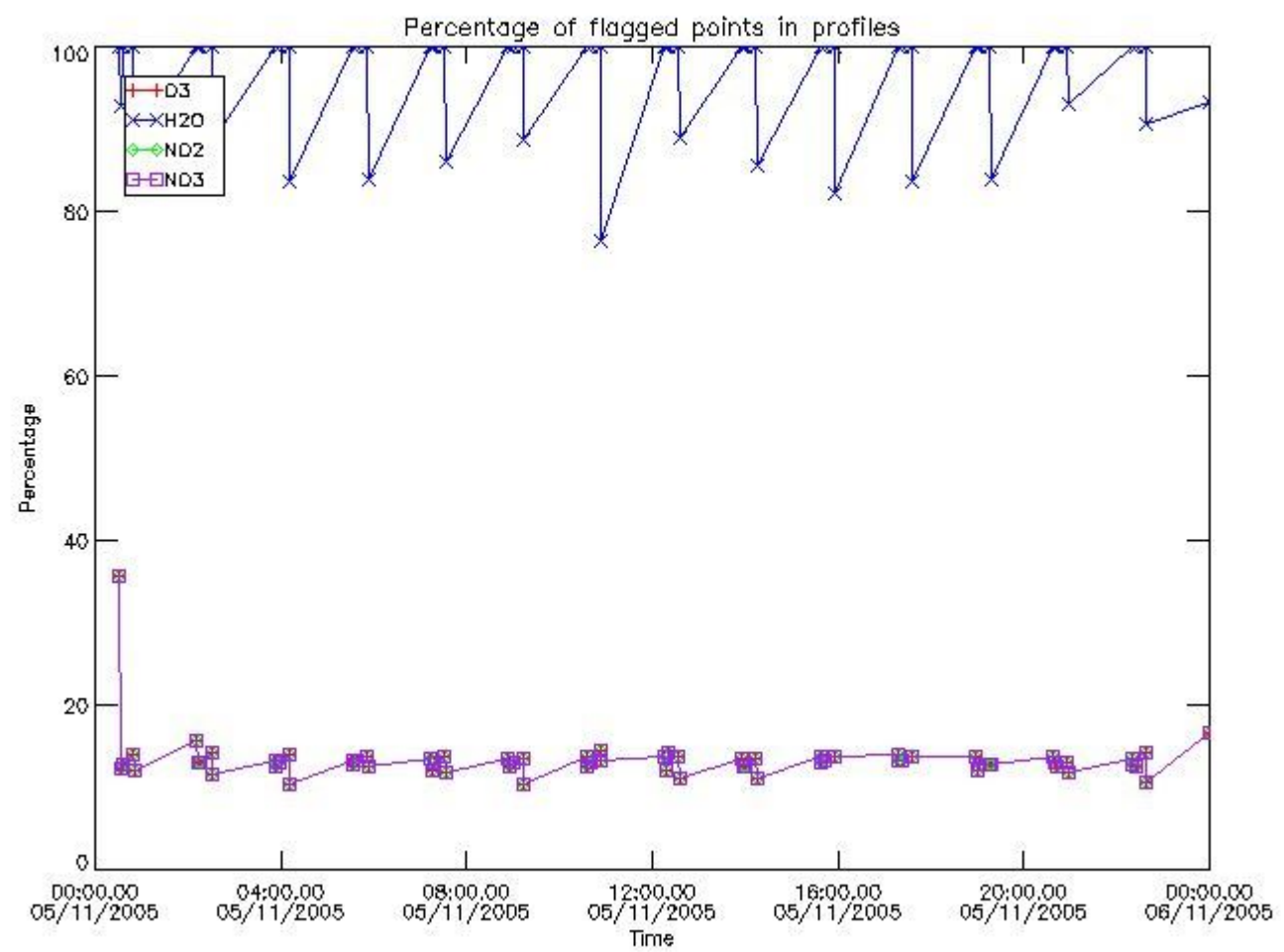
102	GOM_NL__2PRFIN20051105_130657_000000372042_00167_19259_8216.N1	05-NOV-2005 13:06:57	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19259	No
103	GOM_NL__2PRFIN20051105_131610_000000362042_00167_19259_8217.N1	05-NOV-2005 13:16:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19259	No
104	GOM_NL__2PRFIN20051105_132011_000000522042_00167_19259_8218.N1	05-NOV-2005 13:20:11	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	19259	No
105	GOM_NL__2PRFIN20051105_132600_000000362042_00167_19259_8219.N1	05-NOV-2005 13:26:00	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	19259	No
106	GOM_NL__2PRFIN20051105_132724_000000352042_00167_19259_8220.N1	05-NOV-2005 13:27:24	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	19259	No
107	GOM_NL__2PRFIN20051105_133057_000000342042_00167_19259_8221.N1	05-NOV-2005 13:30:57	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	19259	No
108	GOM_NL__2PRFIN20051105_135600_000000382042_00167_19259_8222.N1	05-NOV-2005 13:56:00	Dark	38.000	99	Del Cen	2.5750	26000.	76	19259	No
109	GOM_NL__2PRFIN20051105_135720_000000412042_00167_19259_8223.N1	05-NOV-2005 13:57:20	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	19259	No
110	GOM_NL__2PRFIN20051105_140115_000000412042_00168_19260_8211.N1	05-NOV-2005 14:01:15	Dark	40.500	91	Kap Vel	2.4900	26000.	81	19260	No
111	GOM_NL__2PRFIN20051105_141414_000000382042_00168_19260_8212.N1	05-NOV-2005 14:14:14	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	19260	No
112	GOM_NL__2PRFIN20051105_141536_000000462042_00168_19260_8213.N1	05-NOV-2005 14:15:36	Dark	45.500	9	Alp Eri	0.45300	24000.	91	19260	No
113	GOM_NL__2PRFIN20051105_141905_000000402042_00168_19260_8214.N1	05-NOV-2005 14:19:05	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19260	No
114	GOM_NL__2PRFIN20051105_144026_000000362042_00168_19260_8215.N1	05-NOV-2005 14:40:26	Bright	36.000	58	21Alp And	2.0730	11000.	72	19260	No
115	GOM_NL__2PRFIN20051105_144733_000000372042_00168_19260_8216.N1	05-NOV-2005 14:47:33	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19260	No
116	GOM_NL__2PRFIN20051105_145646_000000342042_00168_19260_8217.N1	05-NOV-2005 14:56:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	19260	No
117	GOM_NL__2PRFIN20051105_150047_000000362042_00168_19260_8218.N1	05-NOV-2005 15:00:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	19260	No
118	GOM_NL__2PRFIN20051105_150636_000000342042_00168_19260_8219.N1	05-NOV-2005 15:06:36	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	19260	No
119	GOM_NL__2PRFIN20051105_150800_000000352042_00168_19260_8220.N1	05-NOV-2005 15:08:00	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	19260	No
120	GOM_NL__2PRFIN20051105_151134_000000342042_00168_19260_8221.N1	05-NOV-2005 15:11:34	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	19260	No
121	GOM_NL__2PRFIN20051105_153637_000000372042_00168_19260_8222.N1	05-NOV-2005 15:36:37	Dark	37.000	99	Del Cen	2.5750	26000.	74	19260	No
122	GOM_NL__2PRFIN20051105_153756_000000402042_00168_19260_8223.N1	05-NOV-2005 15:37:56	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	19260	No
123	GOM_NL__2PRFIN20051105_154152_000000392042_00169_19261_8231.N1	05-NOV-2005 15:41:52	Dark	38.500	91	Kap Vel	2.4900	26000.	77	19261	No
124	GOM_NL__2PRFIN20051105_155450_000000372042_00169_19261_8232.N1	05-NOV-2005 15:54:50	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19261	No
125	GOM_NL__2PRFIN20051105_155612_000000372042_00169_19261_8233.N1	05-NOV-2005 15:56:12	Dark	37.000	9	Alp Eri	0.45300	24000.	74	19261	No
126	GOM_NL__2PRFIN20051105_155941_000000392042_00169_19261_8234.N1	05-NOV-2005 15:59:41	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19261	No
127	GOM_NL__2PRFIN20051105_162102_000000382042_00169_19261_8235.N1	05-NOV-2005 16:21:02	Bright	37.500	58	21Alp And	2.0730	11000.	75	19261	No
128	GOM_NL__2PRFIN20051105_162809_000000362042_00169_19261_8236.N1	05-NOV-2005 16:28:09	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19261	No
129	GOM_NL__2PRFIN20051105_163722_000000362042_00169_19261_8237.N1	05-NOV-2005 16:37:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19261	No
130	GOM_NL__2PRFIN20051105_164123_000000372042_00169_19261_8238.N1	05-NOV-2005 16:41:23	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19261	No
131	GOM_NL__2PRFIN20051105_164712_000000332042_00169_19261_8239.N1	05-NOV-2005 16:47:12	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	19261	No
132	GOM_NL__2PRFIN20051105_164836_000000362042_00169_19261_8240.N1	05-NOV-2005 16:48:36	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	19261	No
133	GOM_NL__2PRFIN20051105_165209_000000322042_00169_19261_8241.N1	05-NOV-2005 16:52:09	Bright	31.500	152	12Alp2CVn	2.8900	11000.	63	19261	No
134	GOM_NL__2PRFIN20051105_171713_000000372042_00169_19261_8242.N1	05-NOV-2005 17:17:13	Dark	36.500	99	Del Cen	2.5750	26000.	73	19261	No
135	GOM_NL__2PRFIN20051105_171833_000000392042_00169_19261_8243.N1	05-NOV-2005 17:18:33	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	19261	No
136	GOM_NL__2PRFIN20051105_172228_000000392042_00170_19262_8231.N1	05-NOV-2005 17:22:28	Dark	38.500	91	Kap Vel	2.4900	26000.	77	19262	No
137	GOM_NL__2PRFIN20051105_173526_000000372042_00170_19262_8232.N1	05-NOV-2005 17:35:26	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	19262	No
138	GOM_NL__2PRFIN20051105_173649_000000372042_00170_19262_8233.N1	05-NOV-2005 17:36:49	Dark	37.000	9	Alp Eri	0.45300	24000.	74	19262	No
139	GOM_NL__2PRFIN20051105_174017_000000402042_00170_19262_8234.N1	05-NOV-2005 17:40:17	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	19262	No
140	GOM_NL__2PRFIN20051105_180138_000000362042_00170_19262_8235.N1	05-NOV-2005 18:01:38	Bright	36.000	58	21Alp And	2.0730	11000.	72	19262	No
141	GOM_NL__2PRFIN20051105_180845_000000372042_00170_19262_8236.N1	05-NOV-2005 18:08:45	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	19262	No
142	GOM_NL__2PRFIN20051105_181757_000000362042_00170_19262_8237.N1	05-NOV-2005 18:17:57	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19262	No
143	GOM_NL__2PRFIN20051105_182159_000000372042_00170_19262_8238.N1	05-NOV-2005 18:21:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19262	No
144	GOM_NL__2PRFIN20051105_182748_000000372042_00170_19262_8239.N1	05-NOV-2005 18:27:48	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	19262	No
145	GOM_NL__2PRFIN20051105_182913_000000332042_00170_19262_8240.N1	05-NOV-2005 18:29:13	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19262	No
146	GOM_NL__2PRFIN20051105_183246_000000352042_00170_19262_8241.N1	05-NOV-2005 18:32:46	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	19262	No
147	GOM_NL__2PRFIN20051105_185749_000000372042_00170_19262_8242.N1	05-NOV-2005 18:57:49	Dark	37.000	99	Del Cen	2.5750	26000.	74	19262	No
148	GOM_NL__2PRFIN20051105_185909_000000432042_00170_19262_8243.N1	05-NOV-2005 18:59:09	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	19262	No
149	GOM_NL__2PRFIN20051105_190305_000000402042_00171_19263_8231.N1	05-NOV-2005 19:03:05	Dark	40.000	91	Kap Vel	2.4900	26000.	80	19263	No
150	GOM_NL__2PRFIN20051105_191603_000000402042_00171_19263_8232.N1	05-NOV-2005 19:16:03	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	19263	No
151	GOM_NL__2PRFIN20051105_191725_000000442042_00171_19263_8233.N1	05-NOV-2005 19:17:25	Dark	43.500	9	Alp Eri	0.45300	24000.	87	19263	No
152	GOM_NL__2PRFIN20051105_192053_000000412042_00171_19263_8234.N1	05-NOV-2005 19:20:53	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	19263	No
153	GOM_NL__2PRFIN20051105_194214_000000362042_00171_19263_8235.N1	05-NOV-2005 19:42:14	Bright	35.500	58	21Alp And	2.0730	11000.	71	19263	No
154	GOM_NL__2PRFIN20051105_194921_000000352042_00171_19263_8236.N1	05-NOV-2005 19:49:21	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	19263	No
155	GOM_NL__2PRFIN20051105_195833_000000362042_00171_19263_8237.N1	05-NOV-2005 19:58:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19263	No
156	GOM_NL__2PRFIN20051105_200235_000000342042_00171_19263_8238.N1	05-NOV-2005 20:02:35	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	19263	No
157	GOM_NL__2PRFIN20051105_200824_000000382042_00171_19263_8239.N1	05-NOV-2005 20:08:24	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	19263	No
158	GOM_NL__2PRFIN20051105_200949_000000342042_00171_19263_8240.N1	05-NOV-2005 20:09:49	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	19263	No
159	GOM_NL__2PRFIN20051105_201322_000000322042_00171_19263_8241.N1	05-NOV-2005 20:13:22	Bright	31.500	152	12Alp2CVn	2.8900	11000.	63	19263	No
160	GOM_NL__2PRFIN20051105_203825_000000372042_00171_19263_8242.N1	05-NOV-2005 20:38:25	Dark	37.000	99	Del Cen	2.5750	26000.	74	19263	No

161	GOM_NL__2PRFIN20051105_203945_000000402042_00171_19263_8243.N1	05-NOV-2005 20:39:45	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	19263	No
162	GOM_NL__2PRFIN20051105_204342_000000412042_00172_19264_8231.N1	05-NOV-2005 20:43:42	Dark	40.500	91	Kap Vel	2.4900	26000.	81	19264	No
163	GOM_NL__2PRFIN20051105_205639_000000392042_00172_19264_8232.N1	05-NOV-2005 20:56:39	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	19264	No
164	GOM_NL__2PRFIN20051105_205801_000000432042_00172_19264_8233.N1	05-NOV-2005 20:58:01	Dark	43.000	9	Alp Eri	0.45300	24000.	86	19264	No
165	GOM_NL__2PRFIN20051105_210130_000000382042_00172_19264_8234.N1	05-NOV-2005 21:01:30	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	19264	No
166	GOM_NL__2PRFIN20051105_212251_000000362042_00172_19264_8235.N1	05-NOV-2005 21:22:51	Bright	36.000	58	21Alp And	2.0730	11000.	72	19264	No
167	GOM_NL__2PRFIN20051105_212957_000000372042_00172_19264_8236.N1	05-NOV-2005 21:29:57	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	19264	No
168	GOM_NL__2PRFIN20051105_213909_000000362042_00172_19264_8237.N1	05-NOV-2005 21:39:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	19264	No
169	GOM_NL__2PRFIN20051105_214311_000000322042_00172_19264_8238.N1	05-NOV-2005 21:43:11	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	19264	No
170	GOM_NL__2PRFIN20051105_214900_000000352042_00172_19264_8239.N1	05-NOV-2005 21:49:00	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	19264	No
171	GOM_NL__2PRFIN20051105_215025_000000332042_00172_19264_8240.N1	05-NOV-2005 21:50:25	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	19264	No
172	GOM_NL__2PRFIN20051105_221901_000000382042_00172_19264_8241.N1	05-NOV-2005 22:19:01	Dark	37.500	99	Del Cen	2.5750	26000.	75	19264	No
173	GOM_NL__2PRFIN20051105_222022_000000402042_00172_19264_8242.N1	05-NOV-2005 22:20:22	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	19264	No
174	GOM_NL__2PRFIN20051105_222418_000000412042_00173_19265_8231.N1	05-NOV-2005 22:24:18	Dark	40.500	91	Kap Vel	2.4900	26000.	81	19265	No
175	GOM_NL__2PRFIN20051105_223715_000000362042_00173_19265_8232.N1	05-NOV-2005 22:37:15	Dark	36.000	143	Alp Hyi	2.8570	7200.0	72	19265	No
176	GOM_NL__2PRFIN20051105_223837_000000482042_00173_19265_8233.N1	05-NOV-2005 22:38:37	Dark	48.000	9	Alp Eri	0.45300	24000.	96	19265	No
177	GOM_NL__2PRFIN20051105_224206_000000392042_00173_19265_8234.N1	05-NOV-2005 22:42:06	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	19265	No
178	GOM_NL__2PRFIN20051105_230327_000000372042_00173_19265_8235.N1	05-NOV-2005 23:03:27	Bright	36.500	58	21Alp And	2.0730	11000.	73	19265	No
179	GOM_NL__2PRFIN20051105_231033_000000362042_00173_19265_8236.N1	05-NOV-2005 23:10:33	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	19265	No
180	GOM_NL__2PRFIN20051105_231945_000000372042_00173_19265_8237.N1	05-NOV-2005 23:19:45	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	19265	No
181	GOM_NL__2PRFIN20051105_232347_000000342042_00173_19265_8238.N1	05-NOV-2005 23:23:47	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	19265	No
182	GOM_NL__2PRFIN20051105_232936_000000352042_00173_19265_8239.N1	05-NOV-2005 23:29:36	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	19265	No
183	GOM_NL__2PRFIN20051105_233101_000000352042_00173_19265_8240.N1	05-NOV-2005 23:31:01	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	19265	No
184	GOM_NL__2PRFIN20051105_235937_000000372042_00173_19265_8241.N1	05-NOV-2005 23:59:37	Dark	37.000	99	Del Cen	2.5750	26000.	74	19265	No

3. Quality information per product

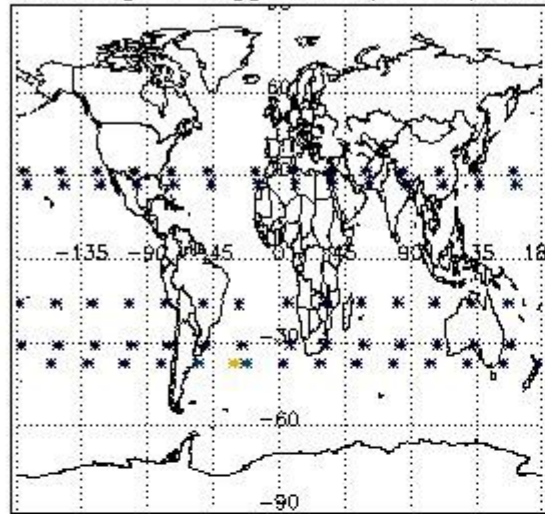
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

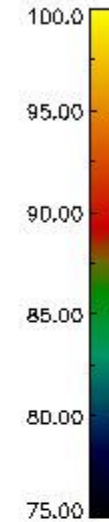
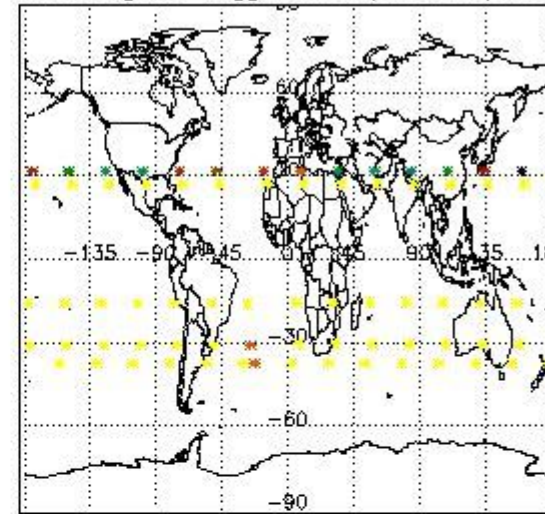


3.2 Plot quality information per product (world map)

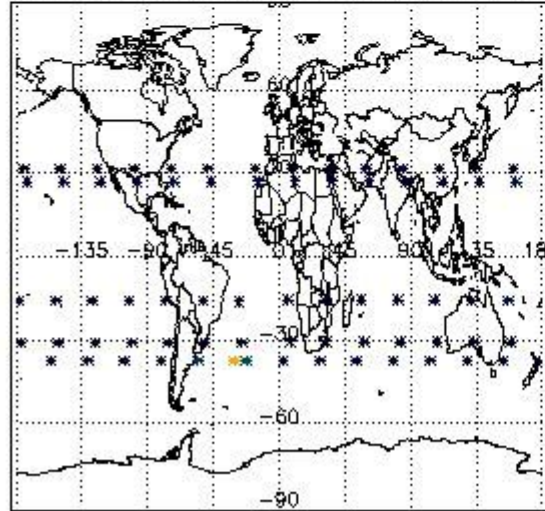
Percentage of flagged data per O3 profile



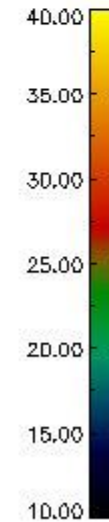
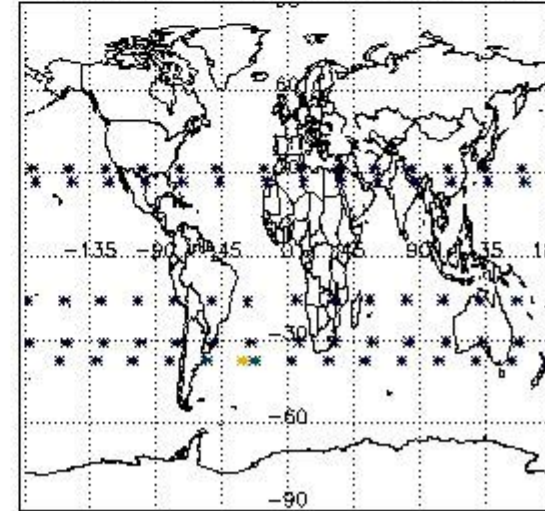
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

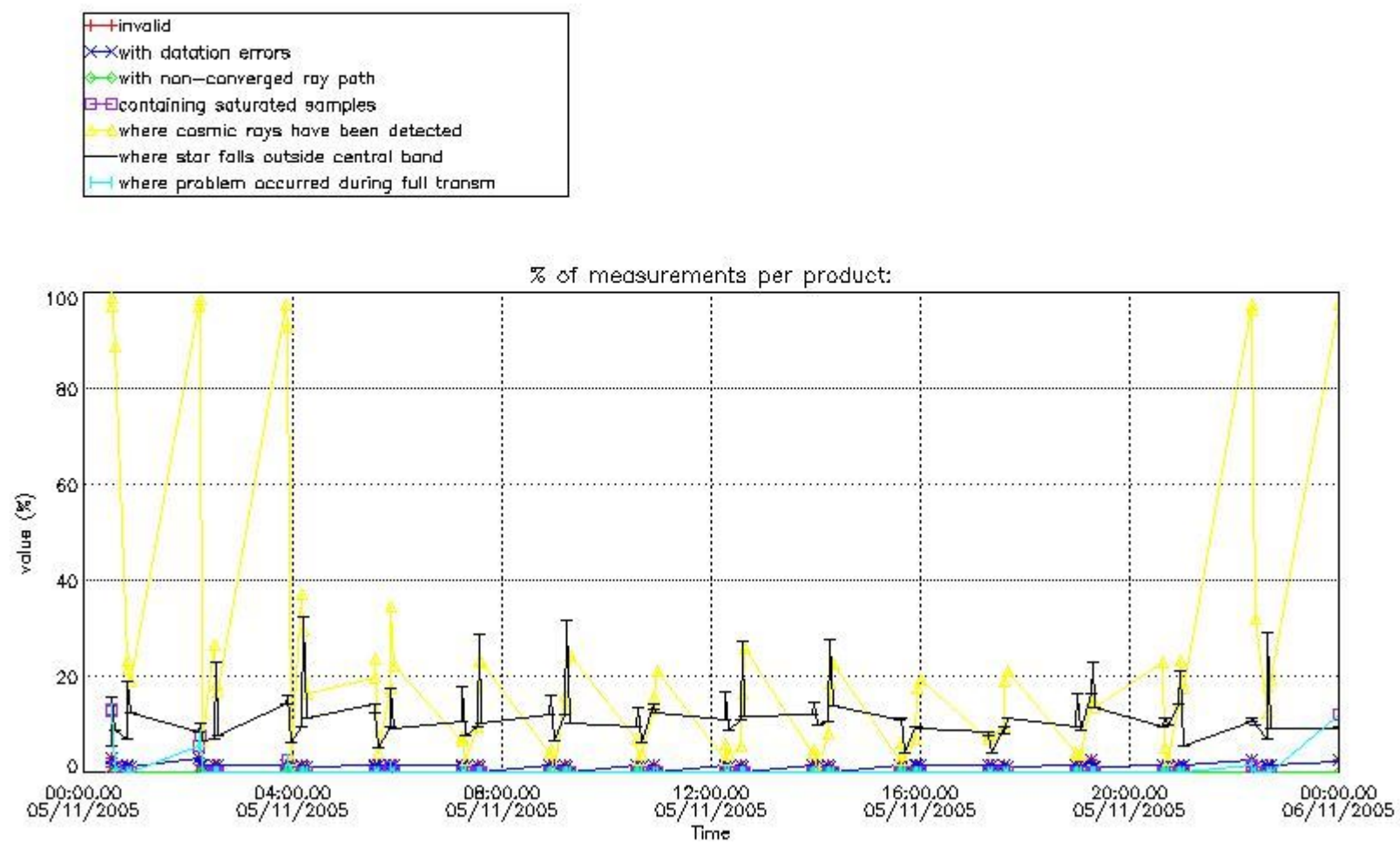


4. Level 1 quality information per product

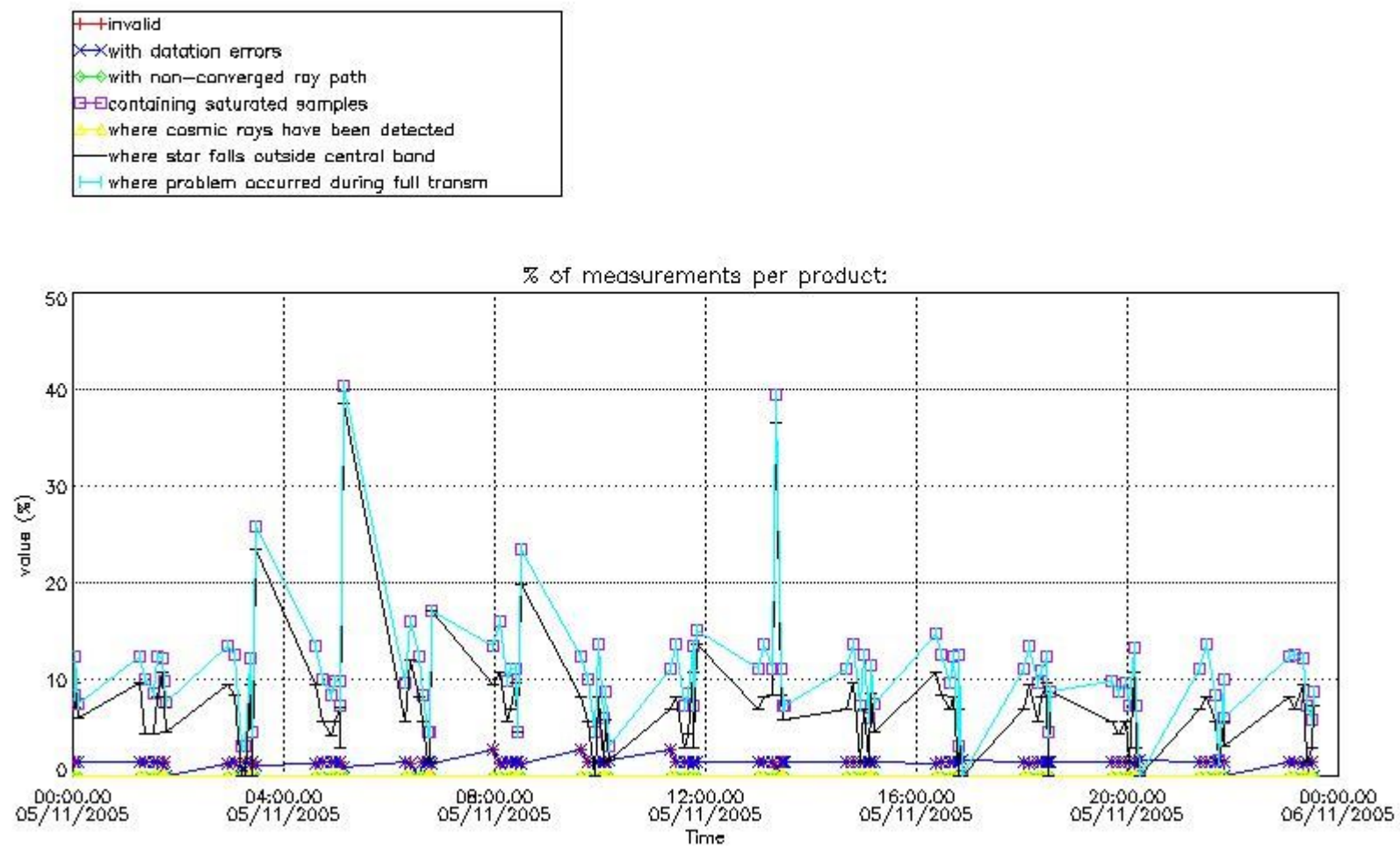
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



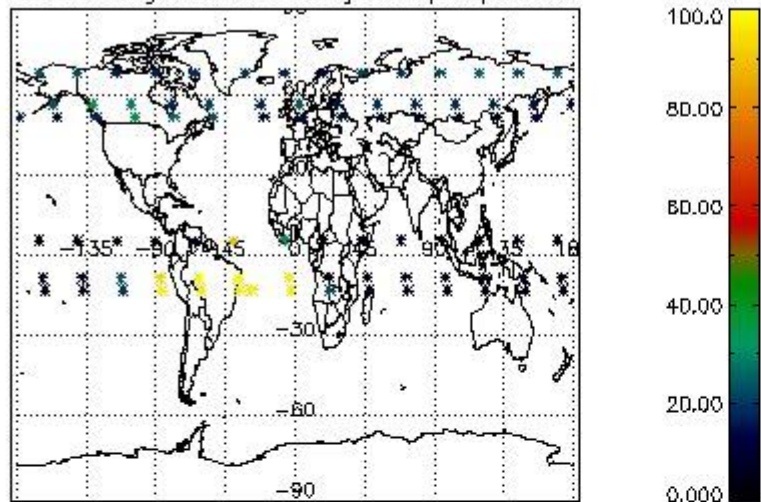
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



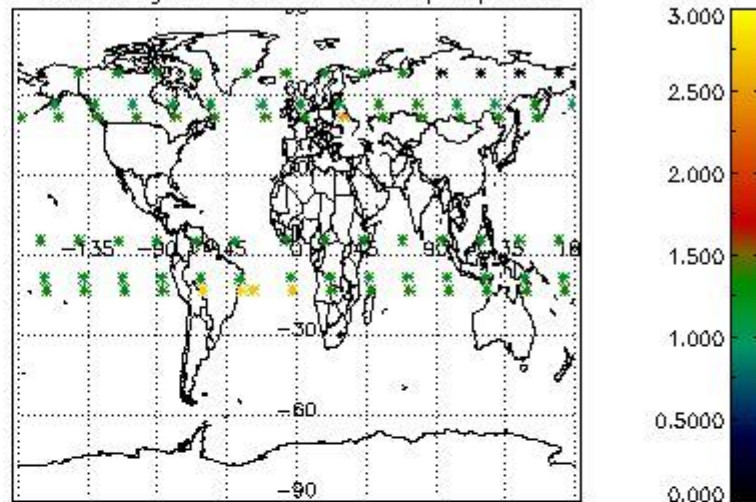
4.2 Plot quality information per product coming from level 1b processing (world map)

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

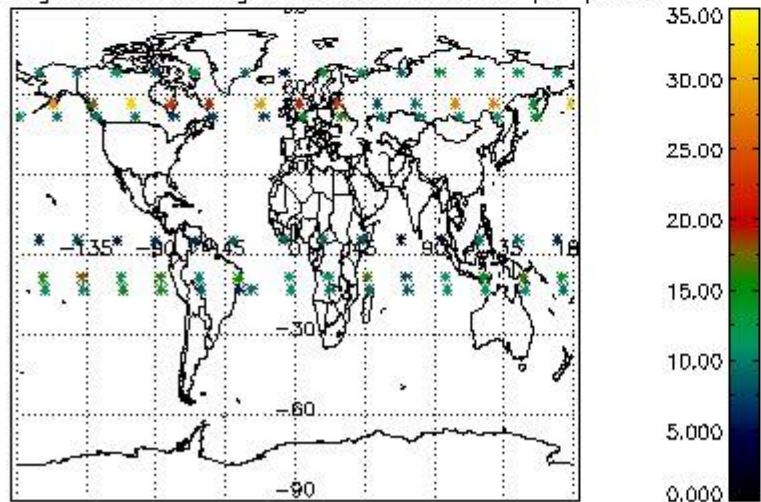
Percentage of cosmic ray hits per profile



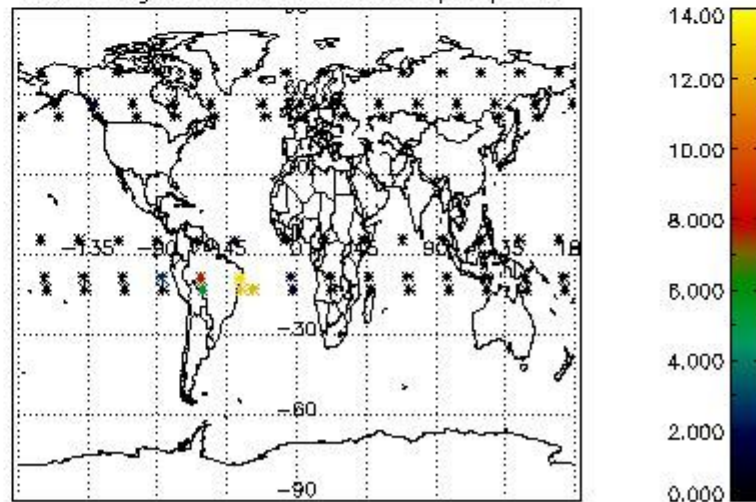
Percentage of datation errors per profile



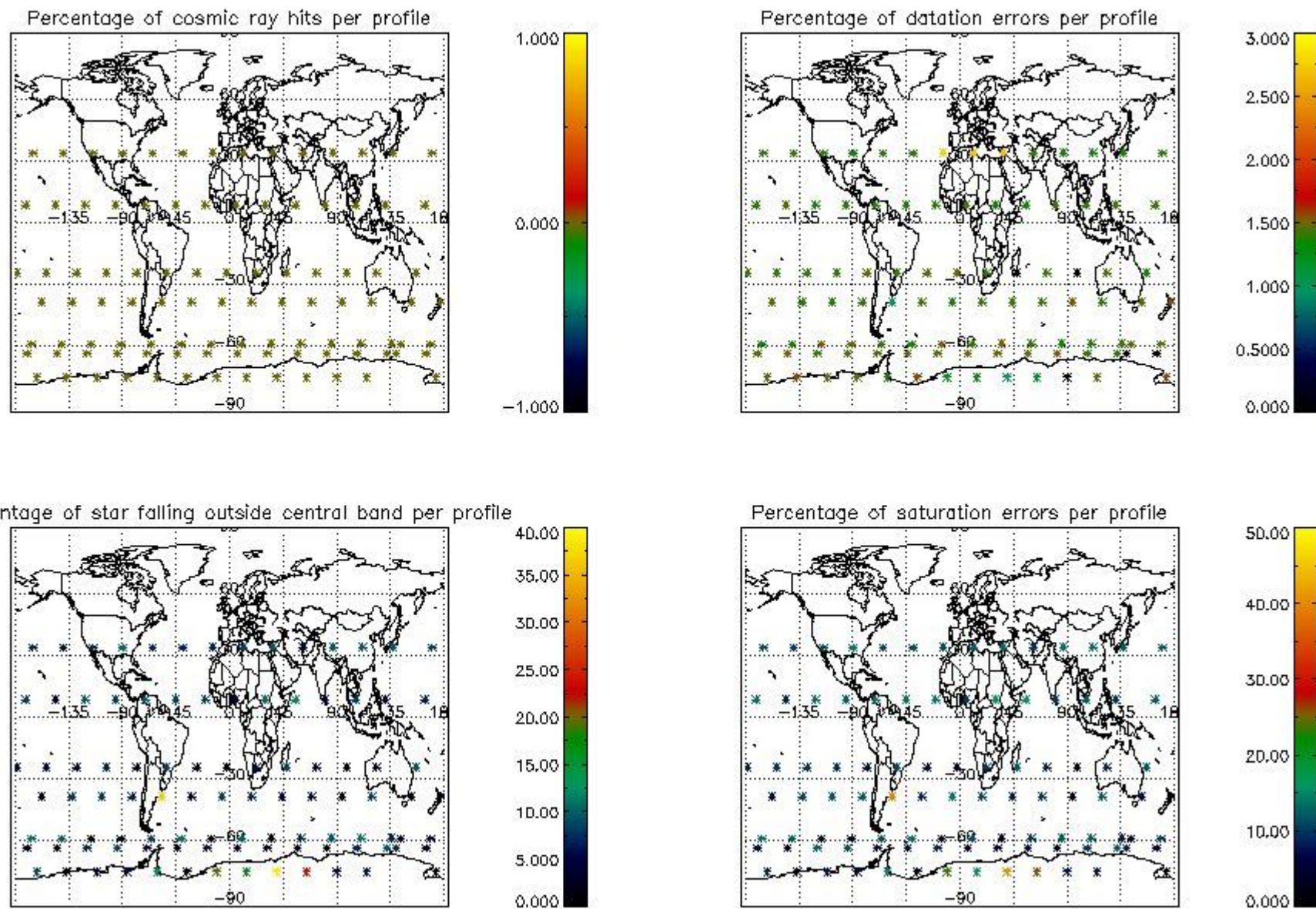
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

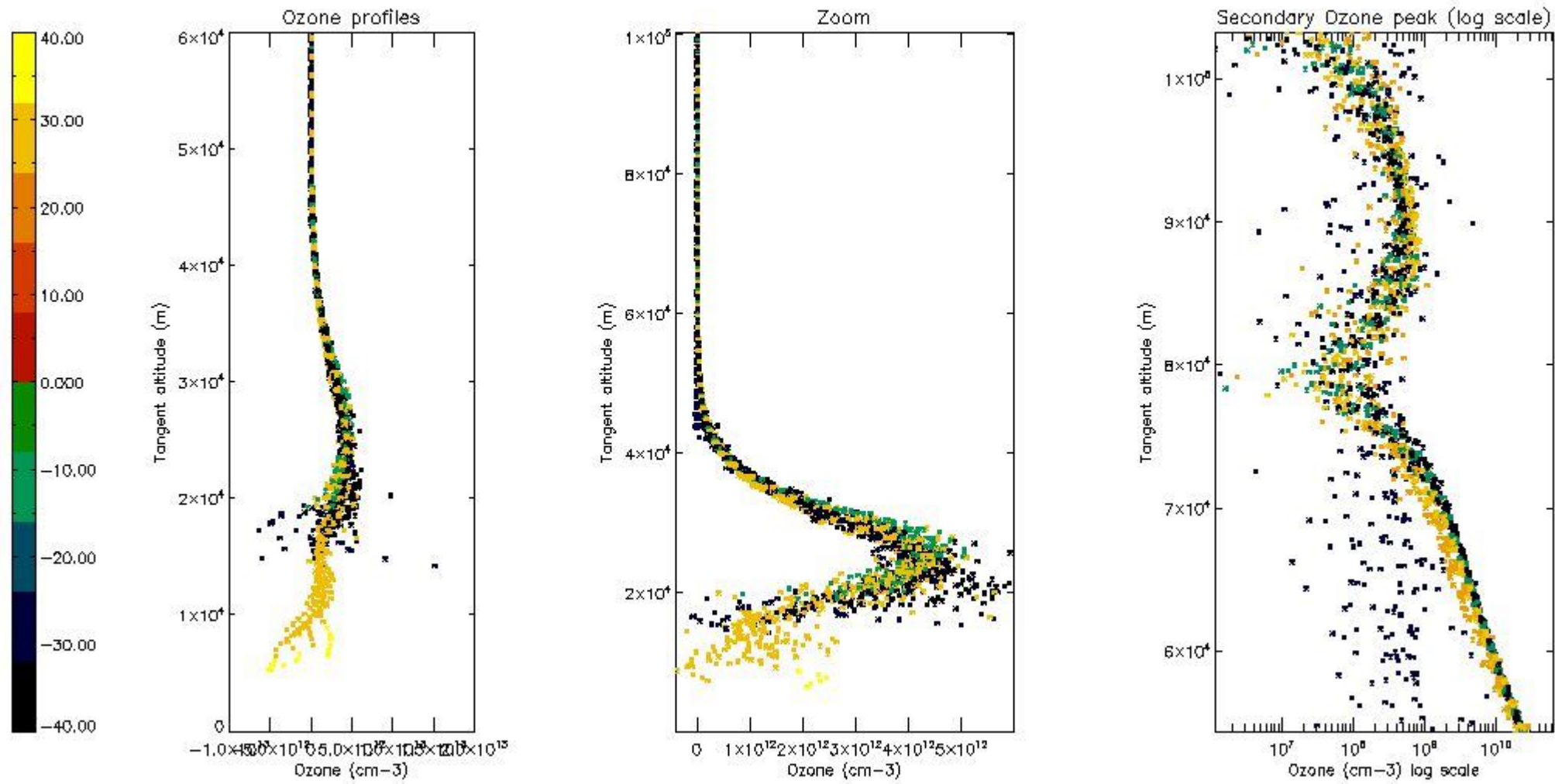
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	42
STD < 20	25

STD < 10	19
STD < 5	12

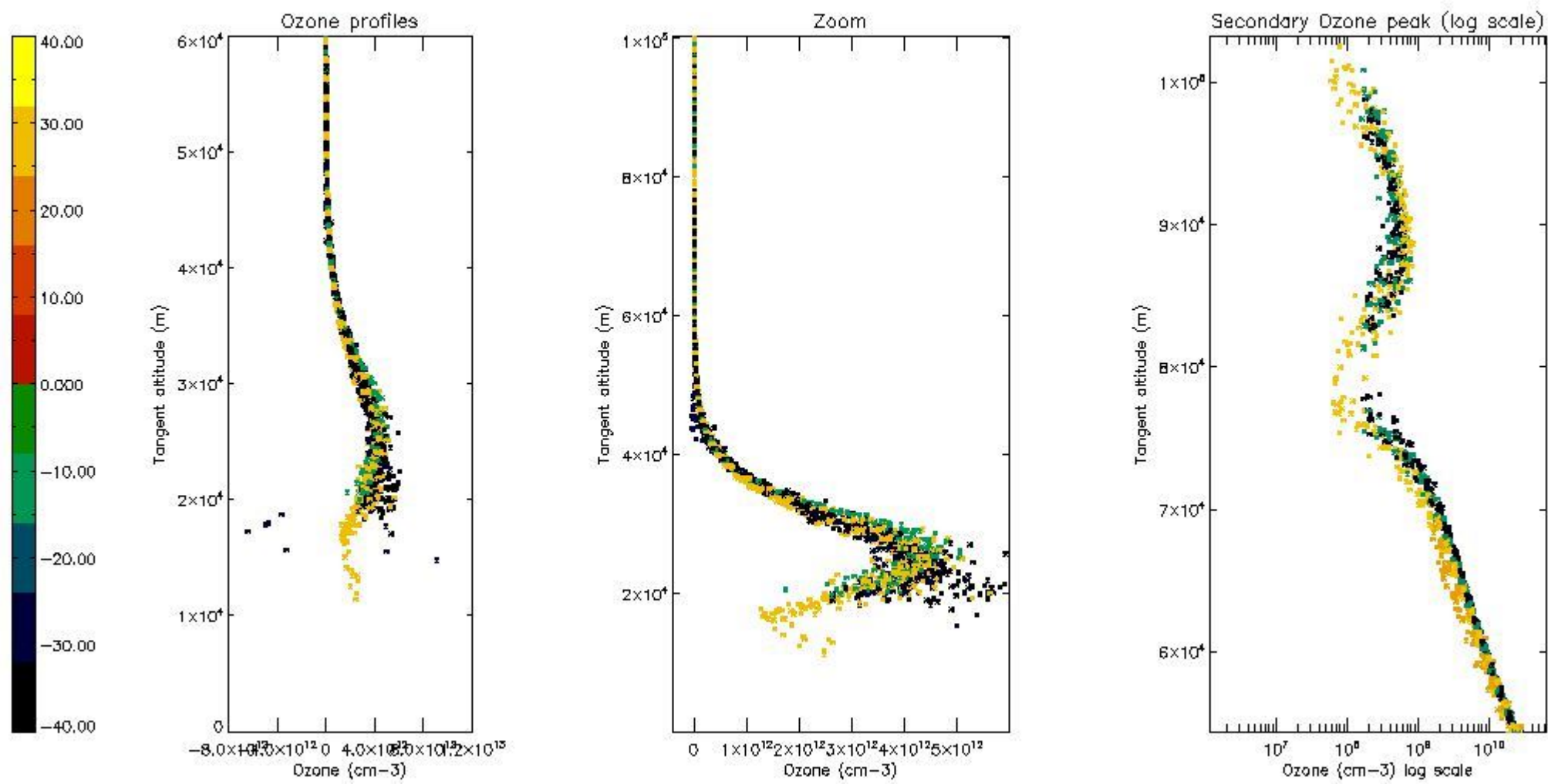
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



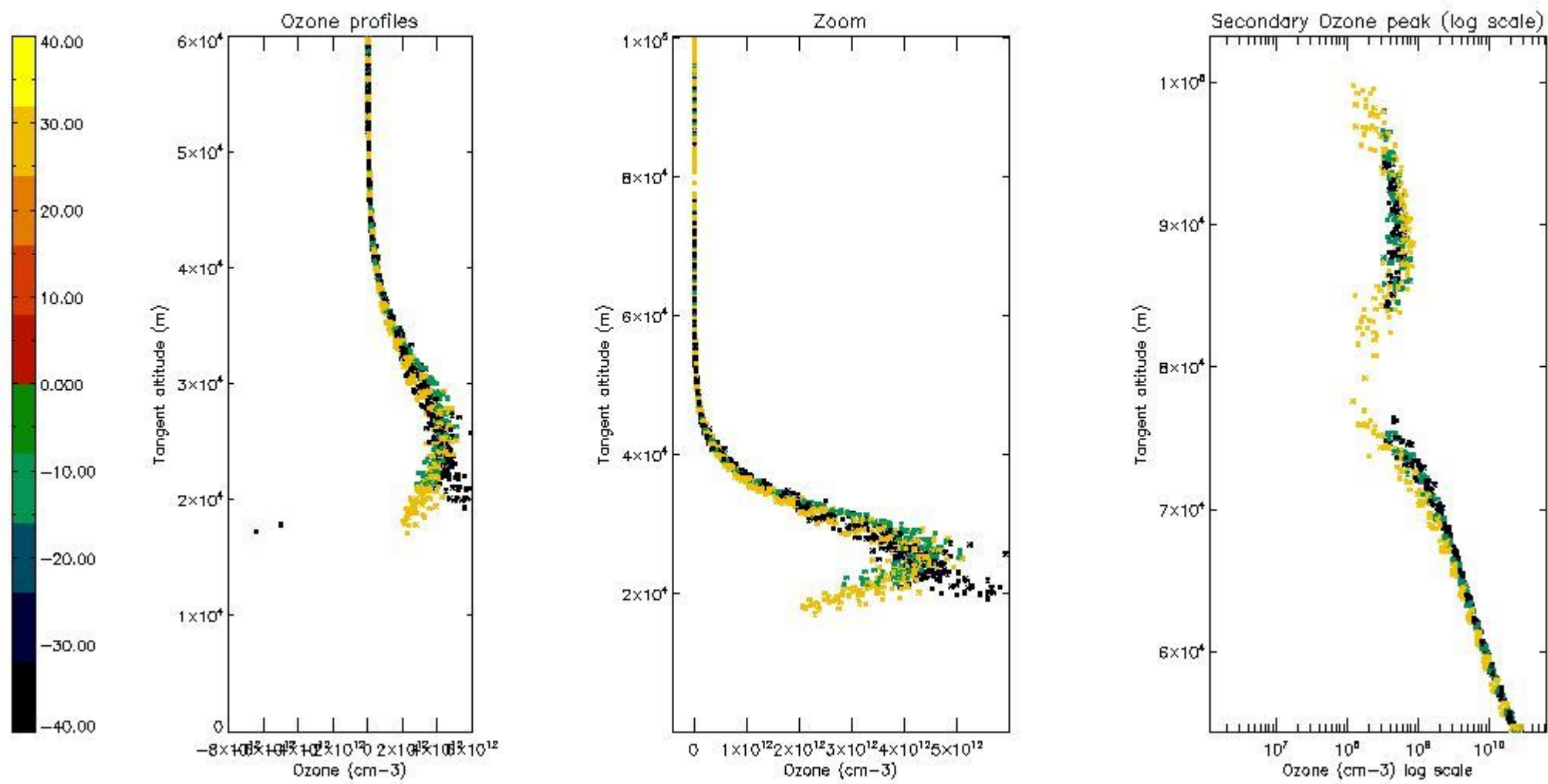
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



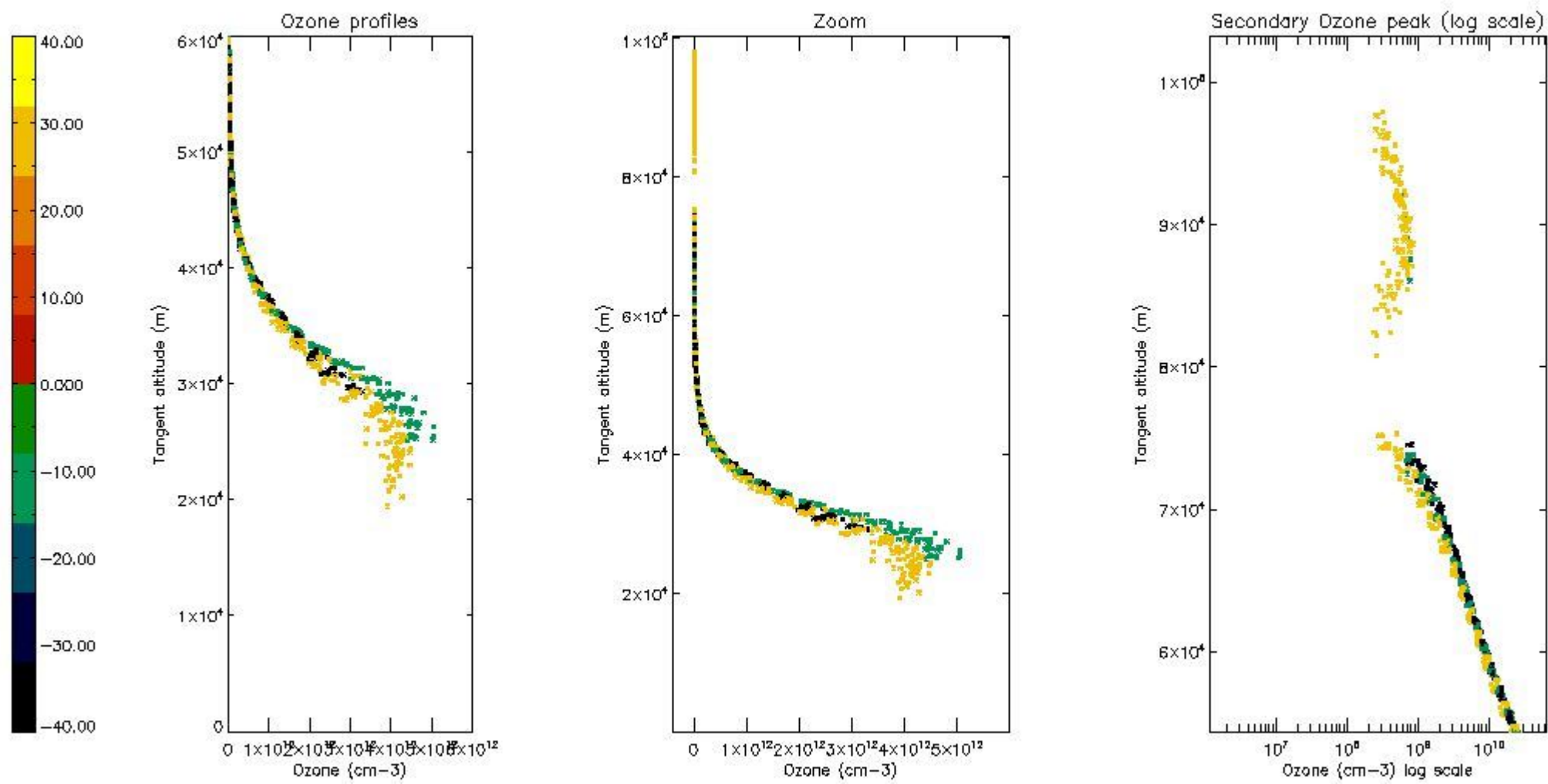
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



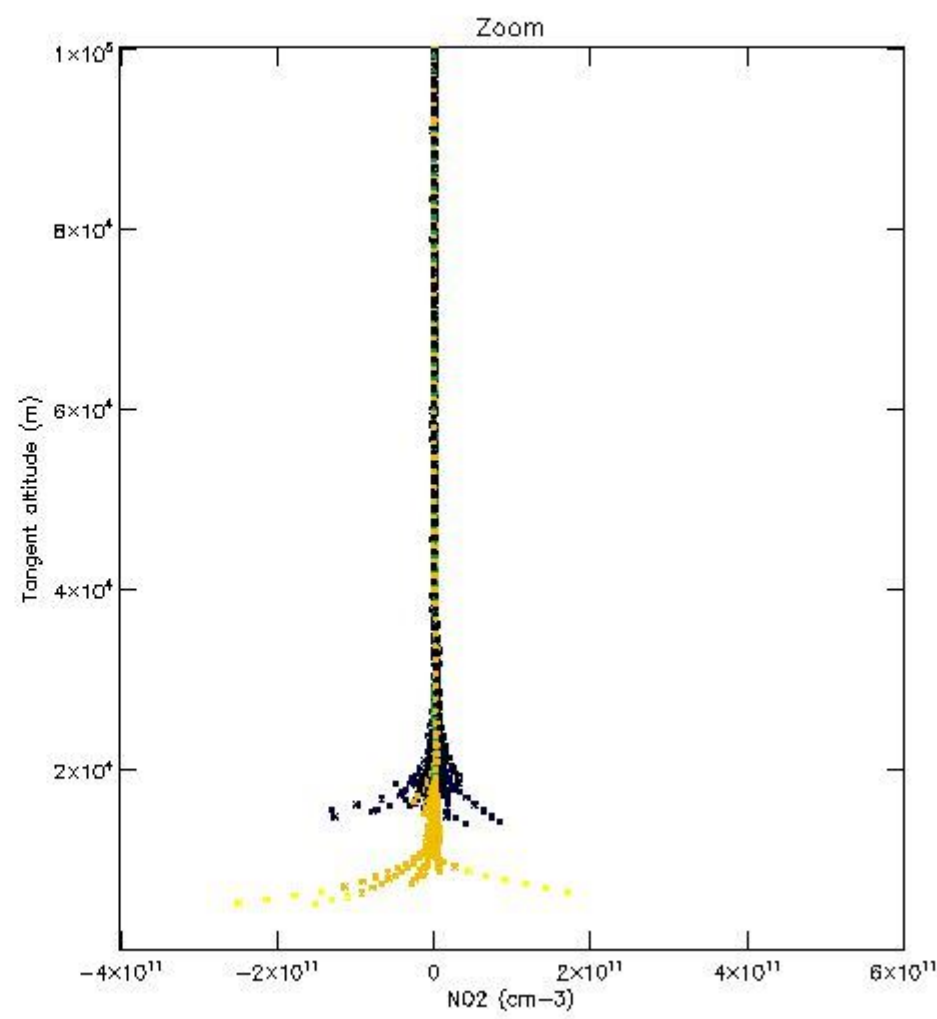
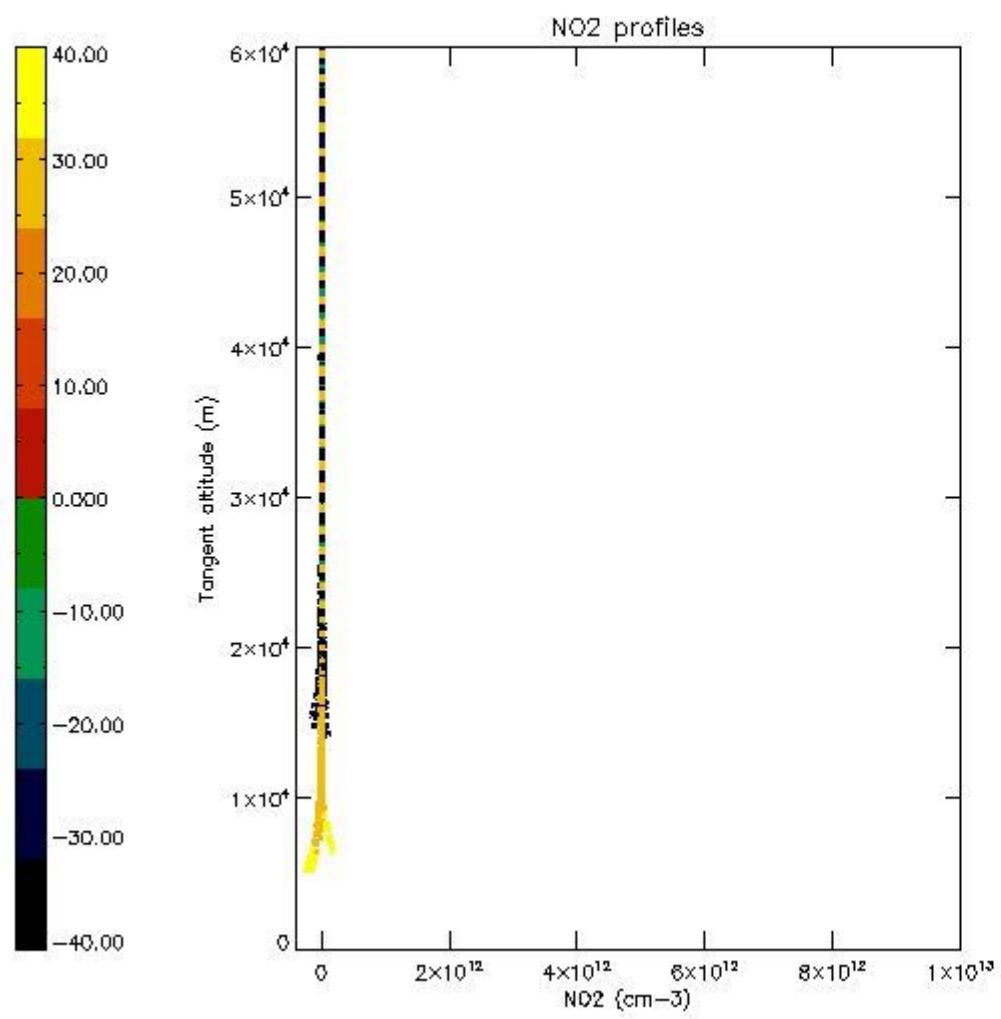
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



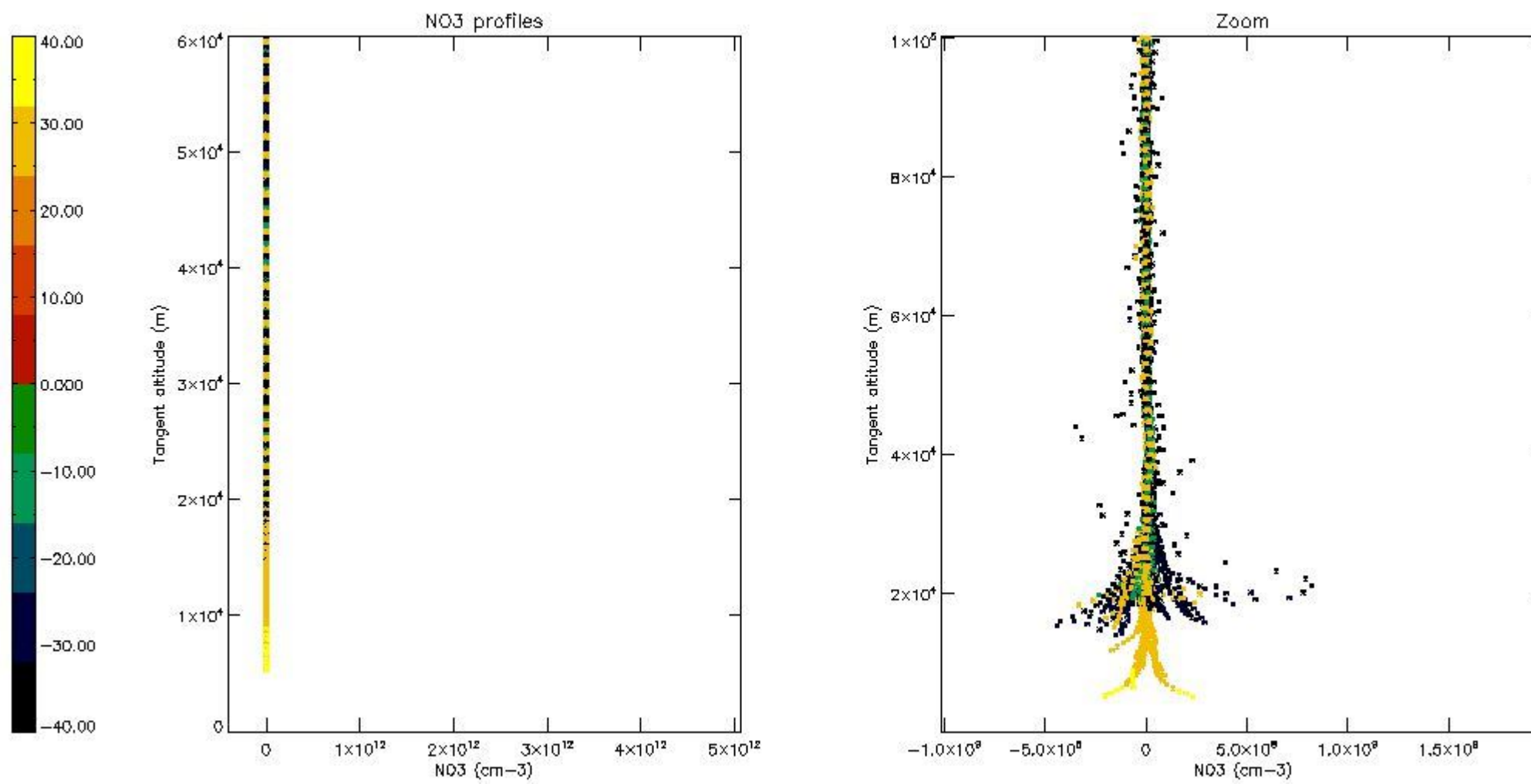
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

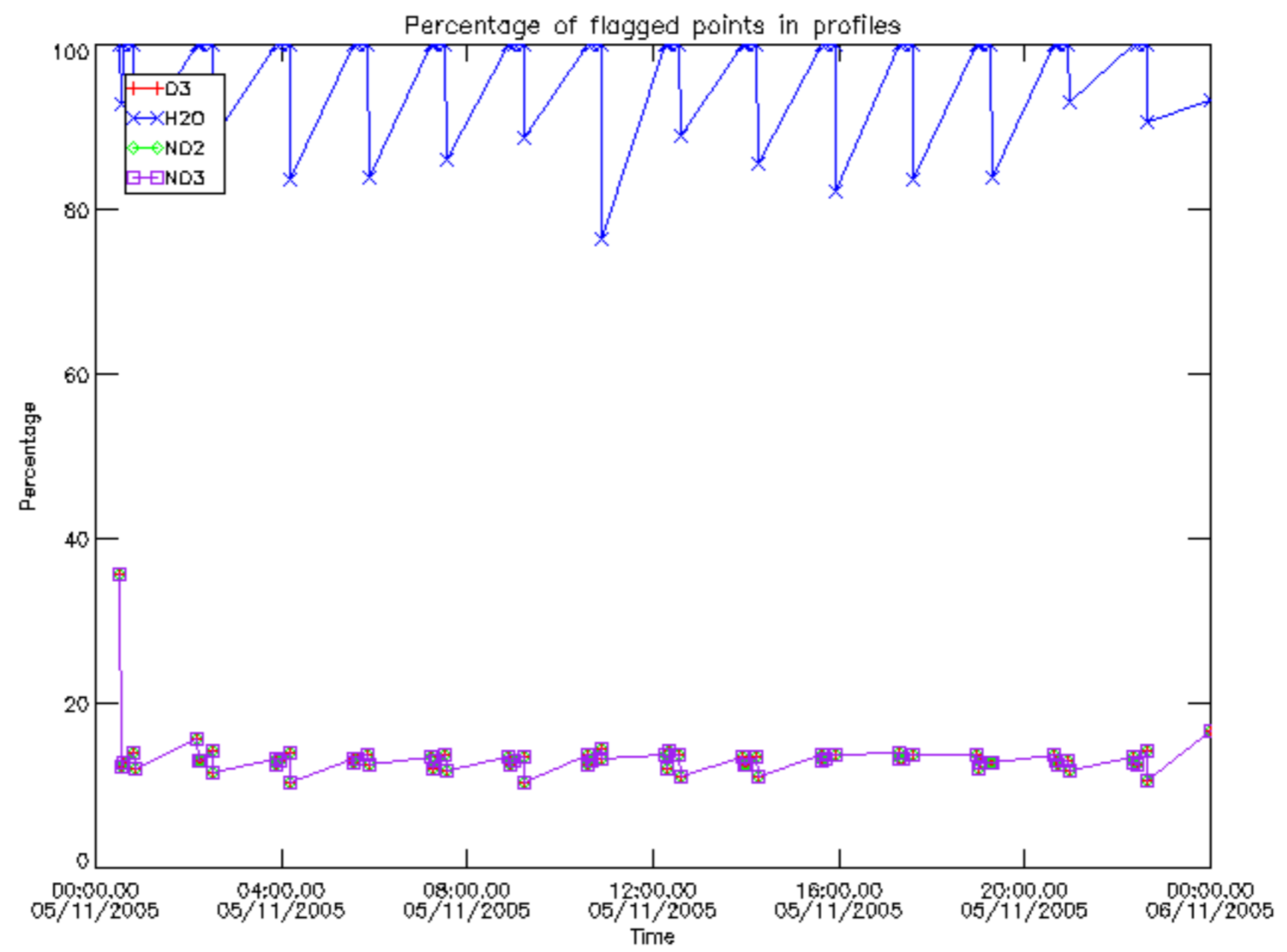
The colorbar represents the latitude.



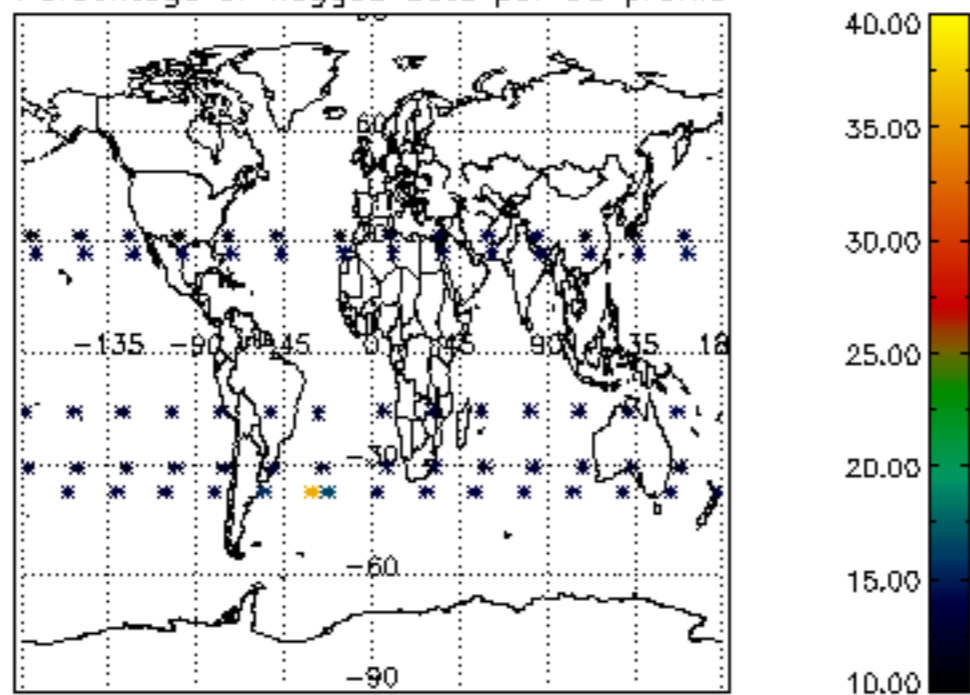
6. Auxiliary Data Files used for the production reported in section 2

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.

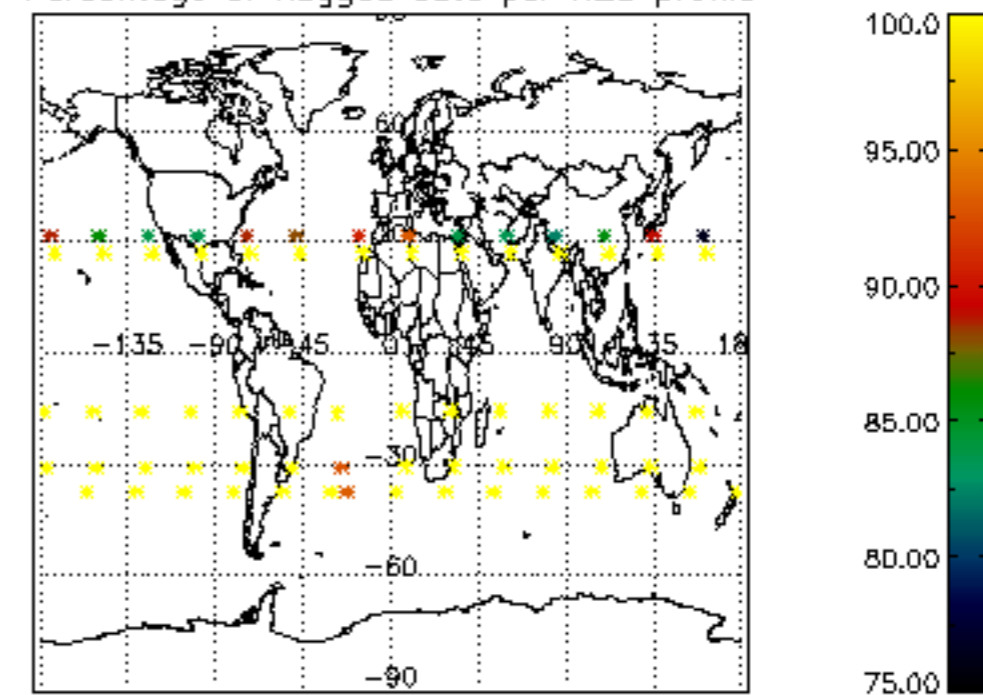
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-NOV-2005 00:01:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-NOV-2005 00:01:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-NOV-2005 00:01:12



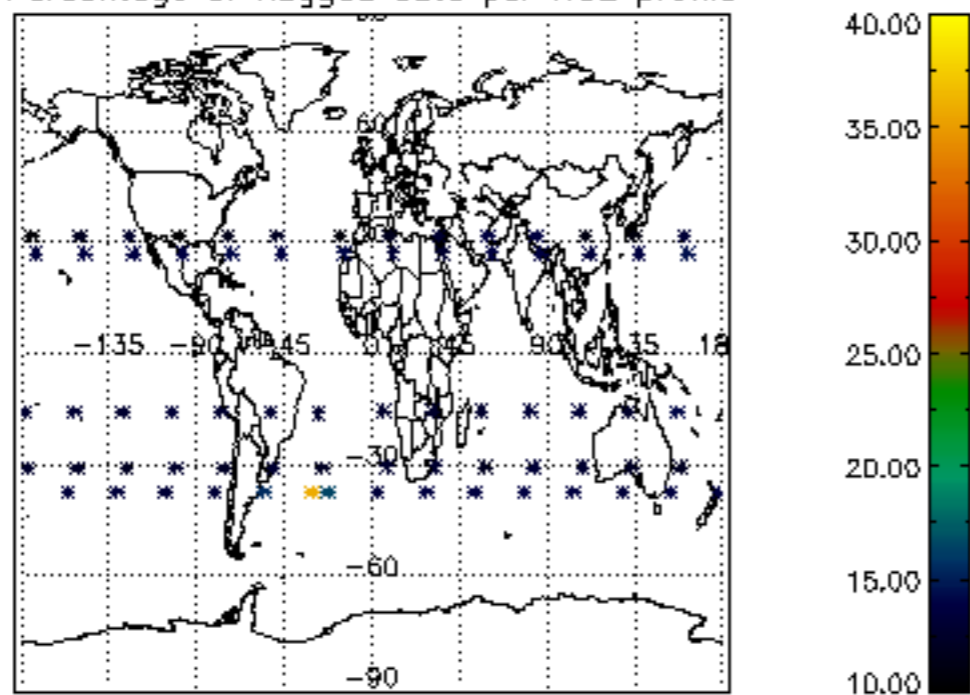
Percentage of flagged data per D3 profile



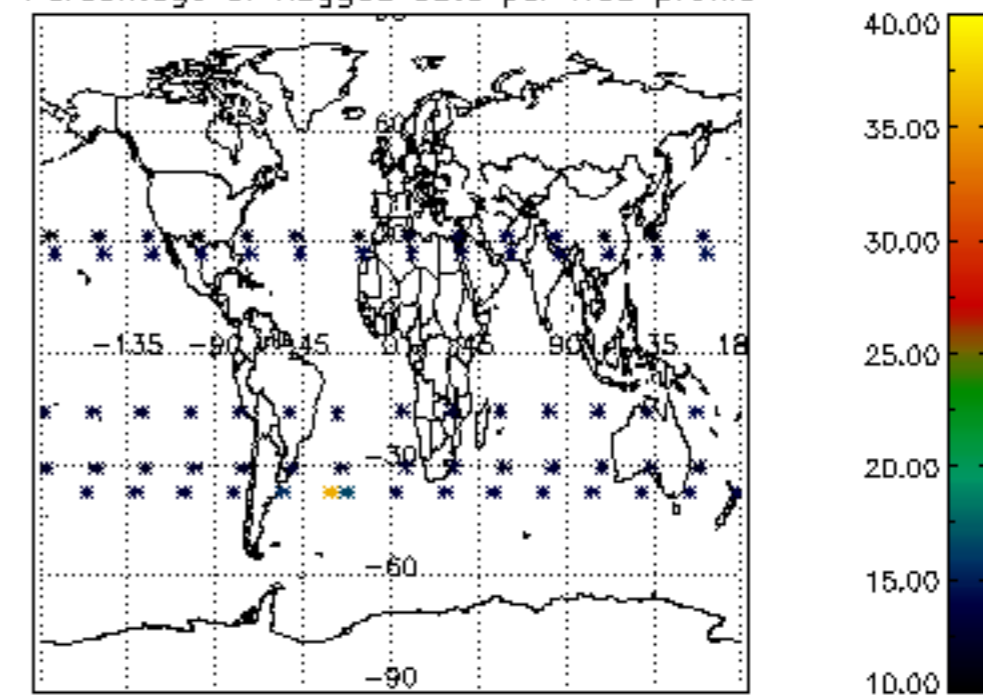
Percentage of flagged data per H2O profile

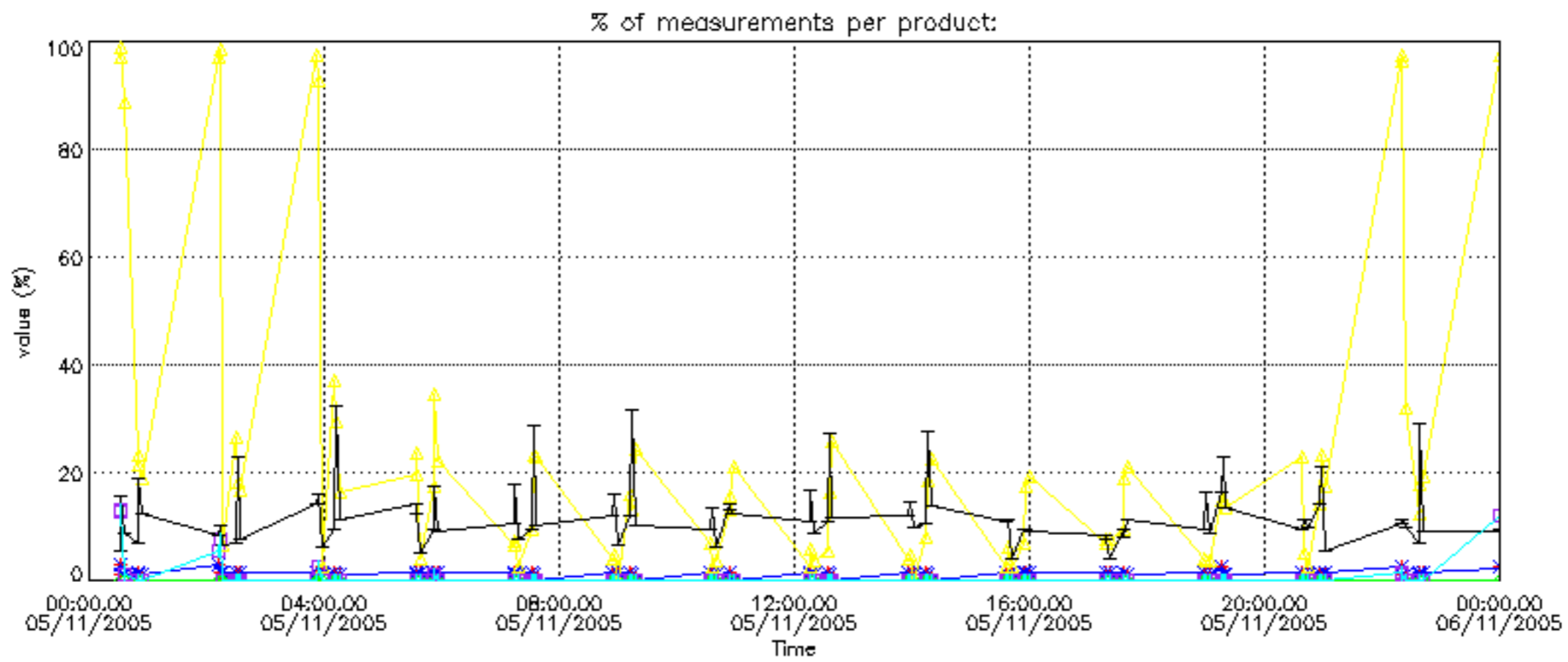


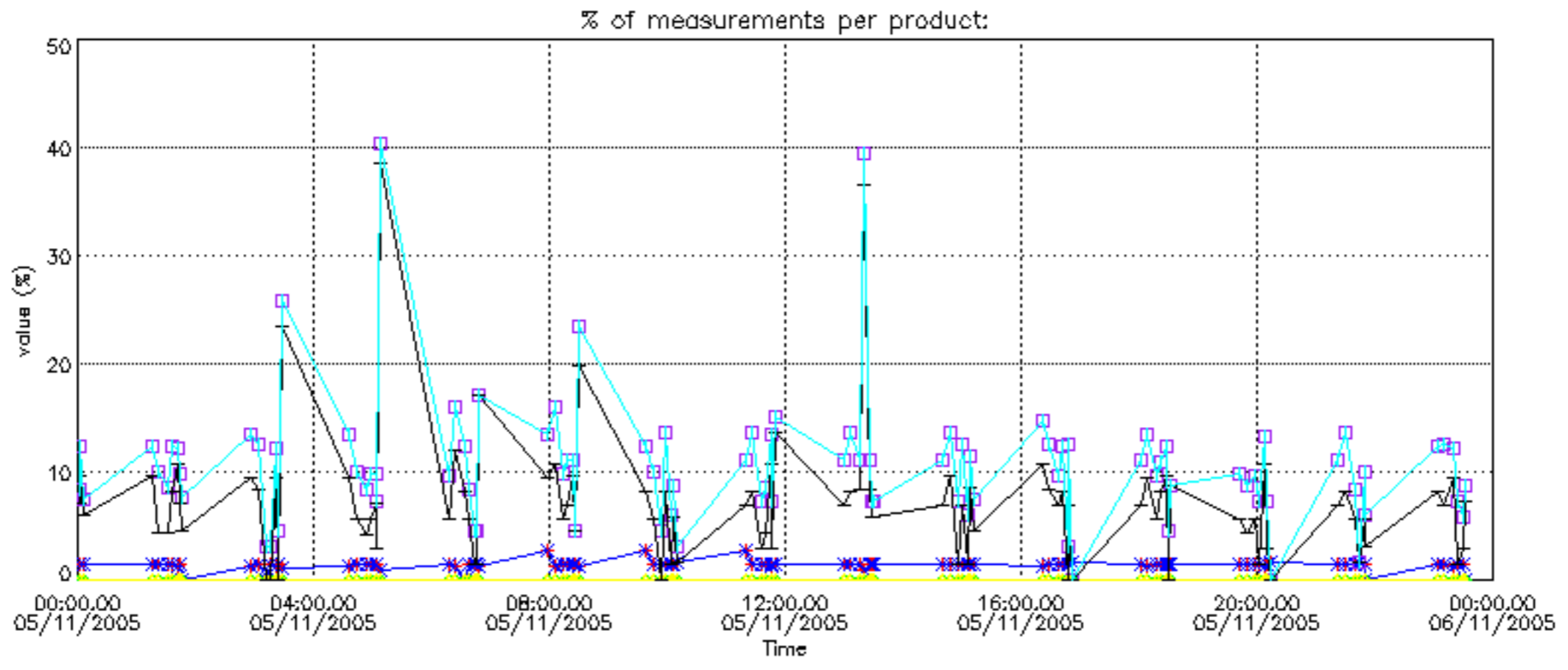
Percentage of flagged data per NO2 profile



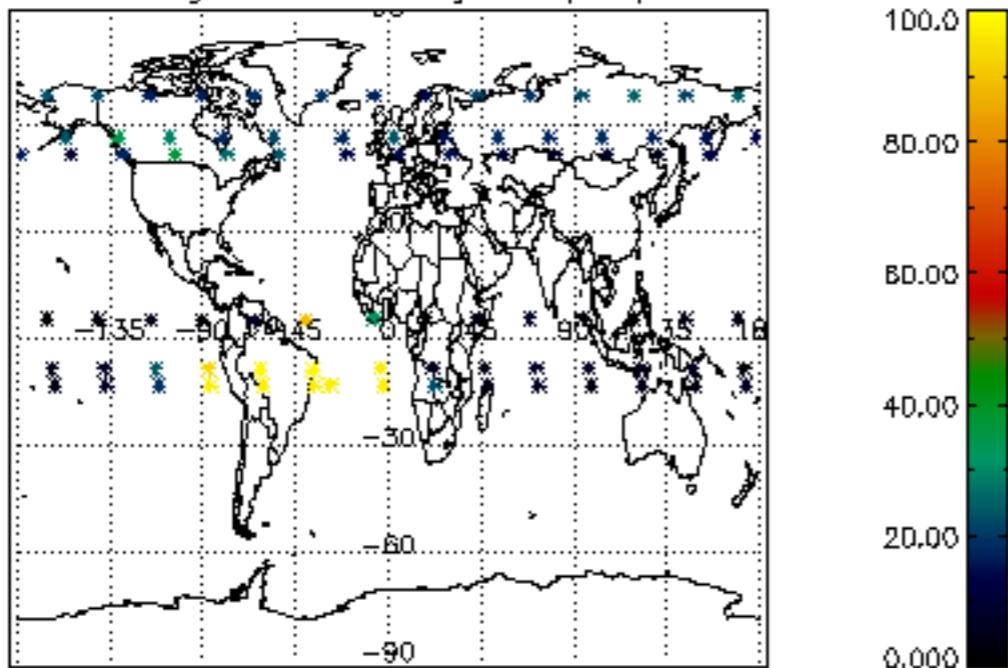
Percentage of flagged data per NO3 profile



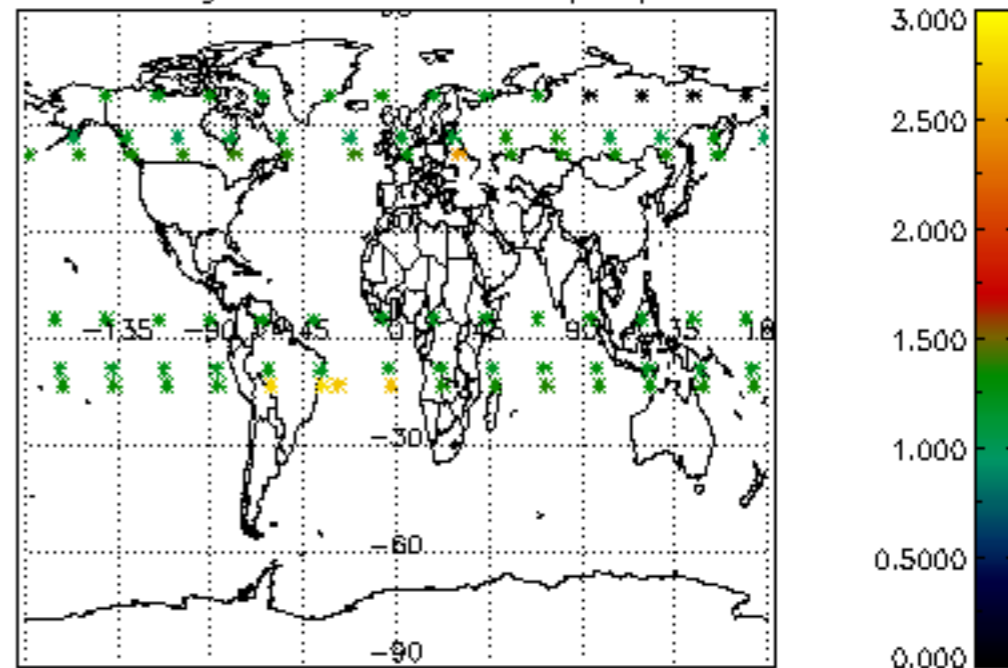




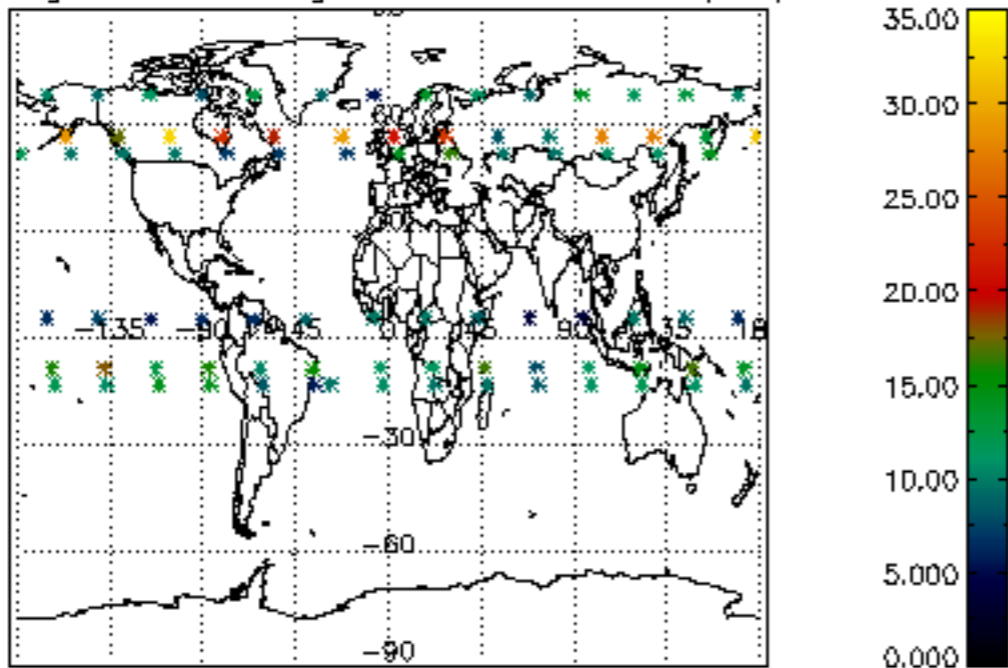
Percentage of cosmic ray hits per profile



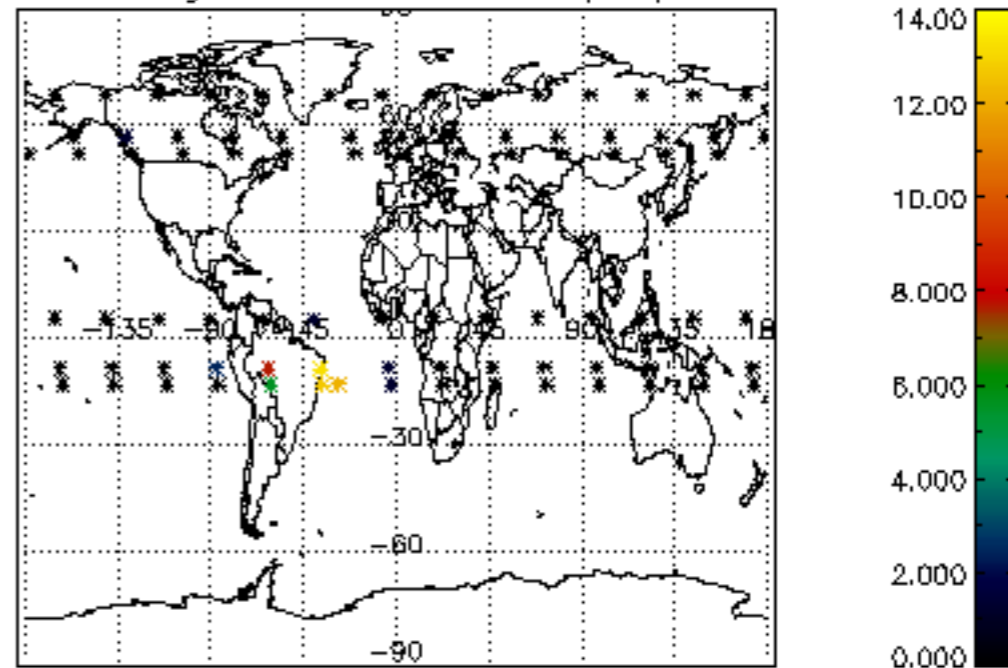
Percentage of datation errors per profile



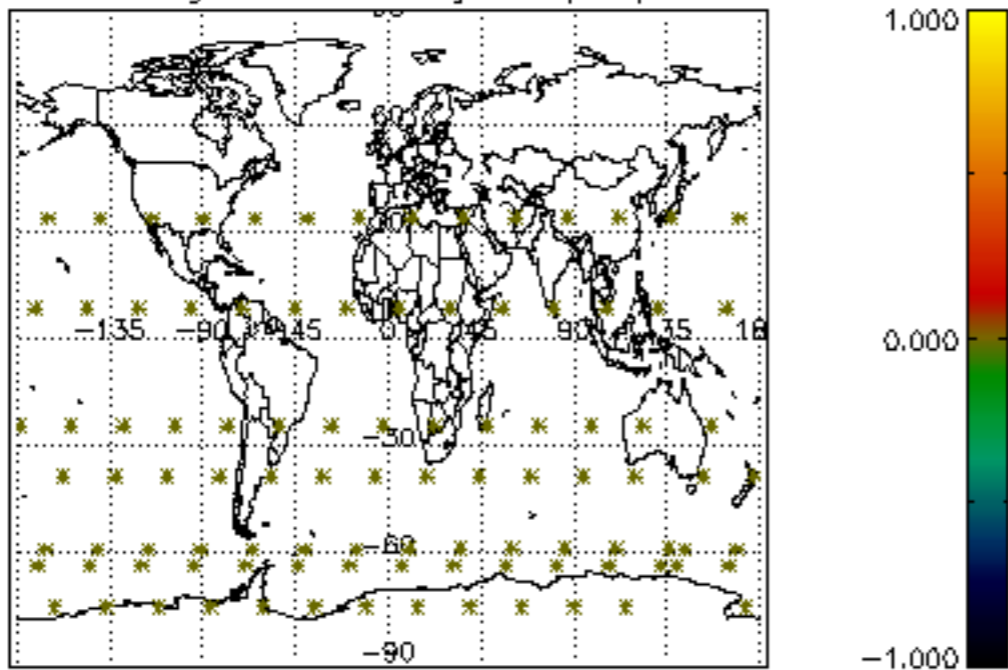
Percentage of star falling outside central band per profile



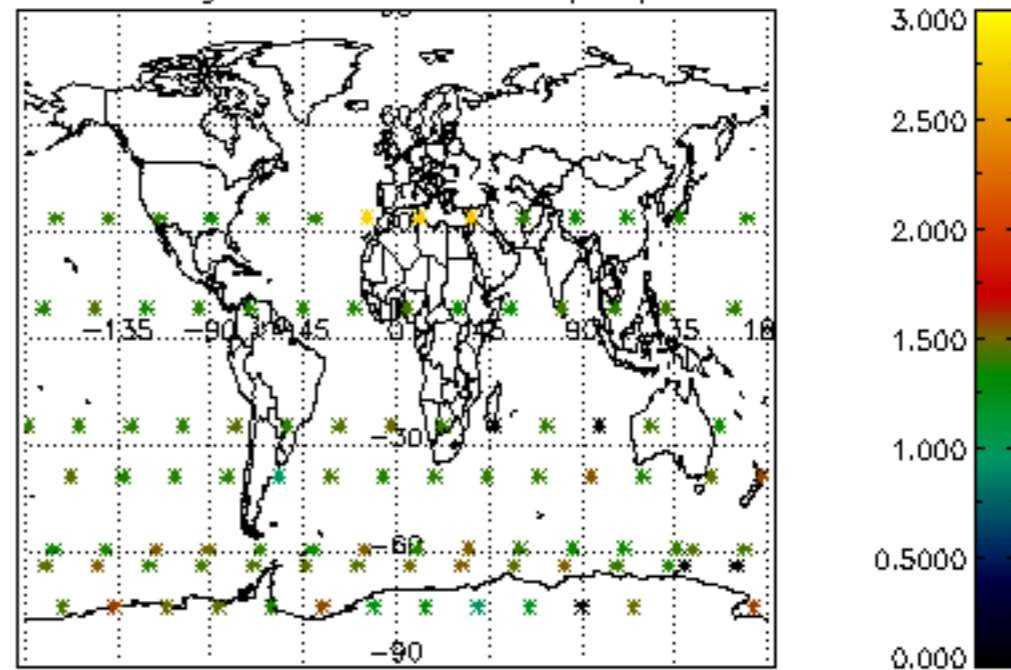
Percentage of saturation errors per profile



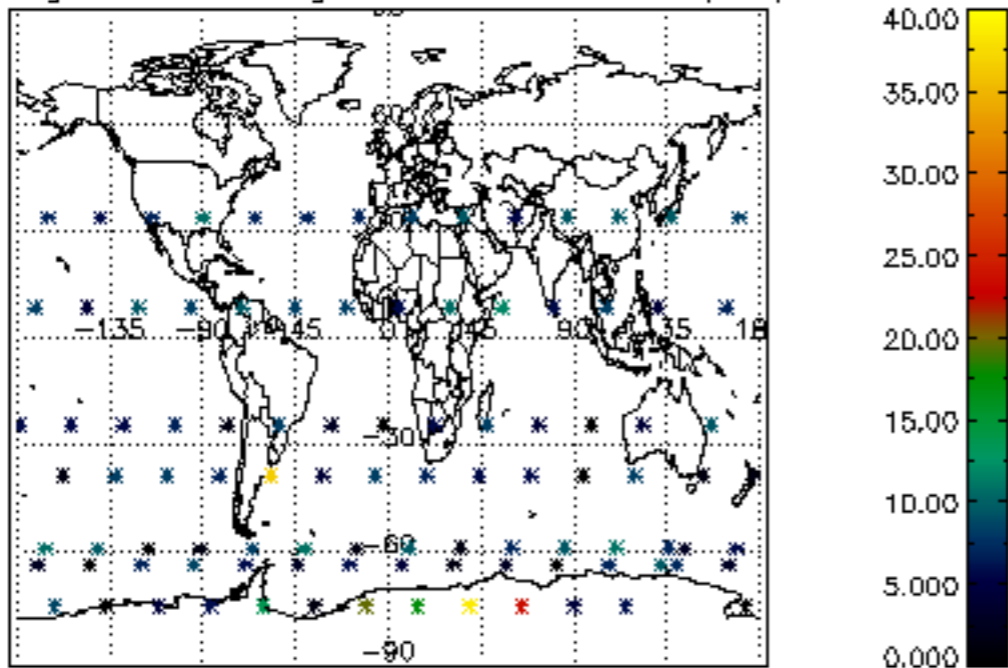
Percentage of cosmic ray hits per profile



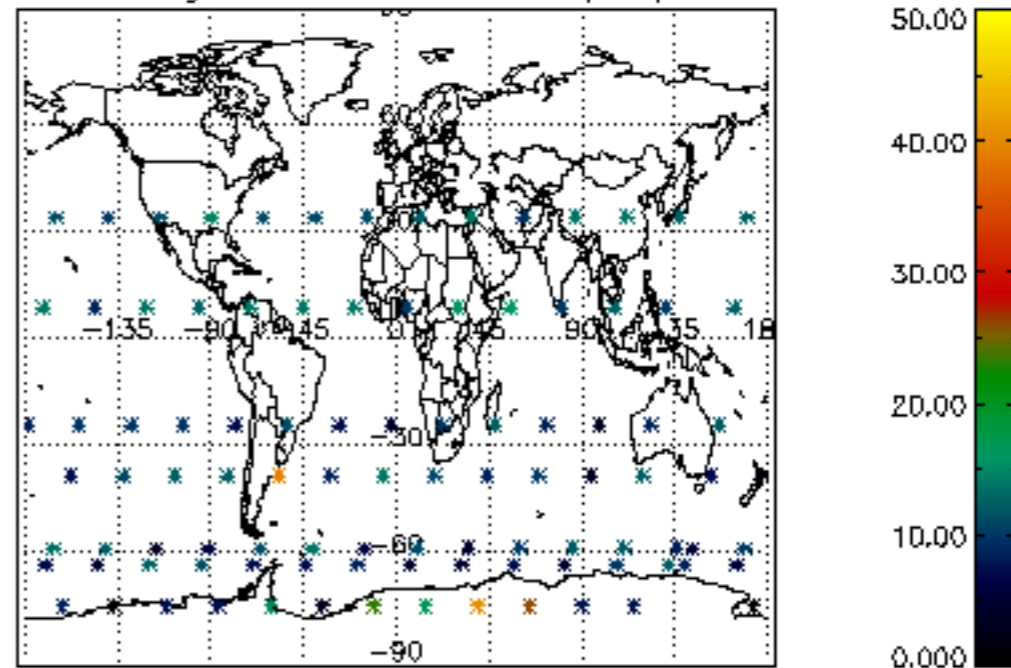
Percentage of datation errors per profile

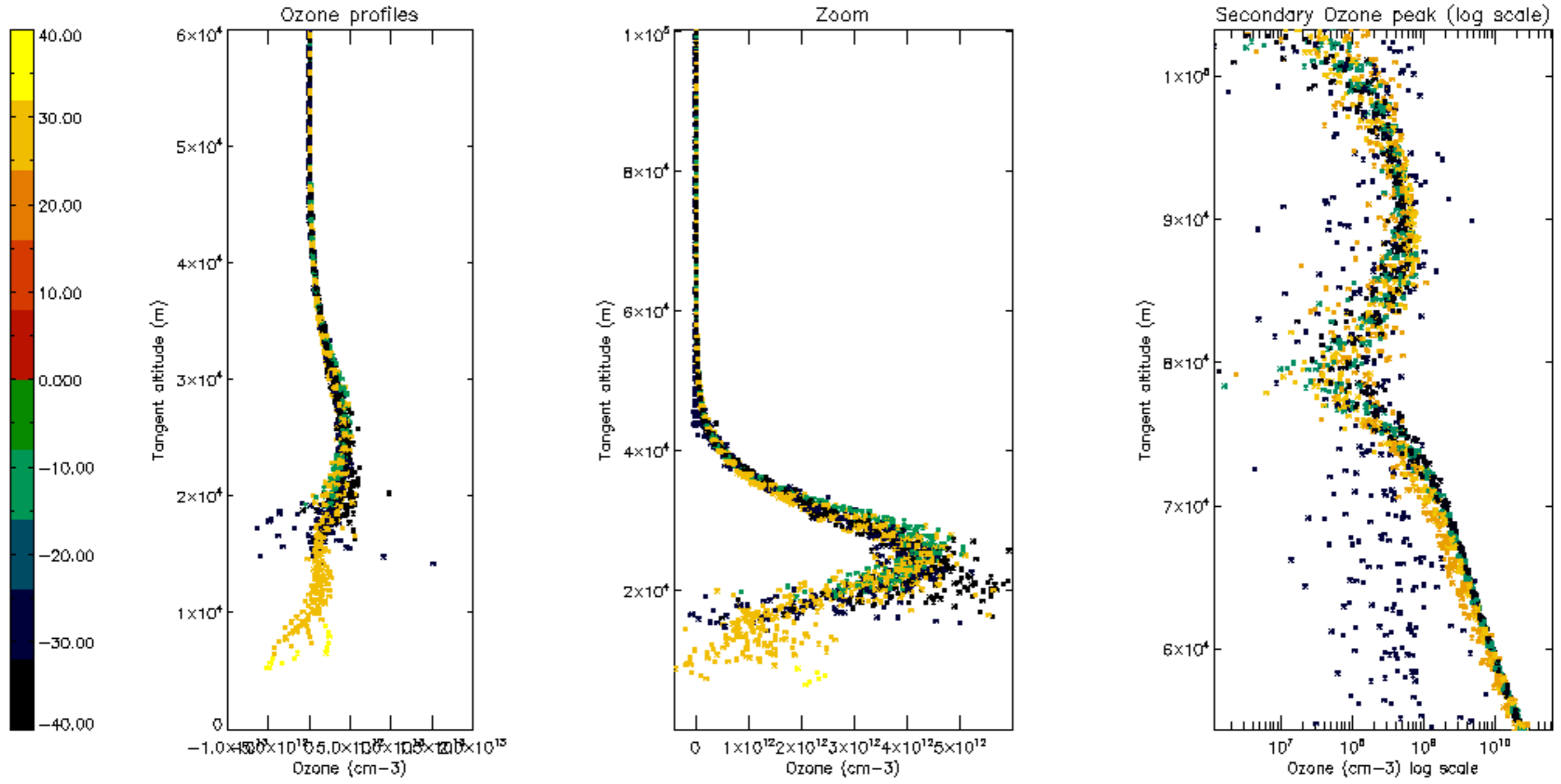


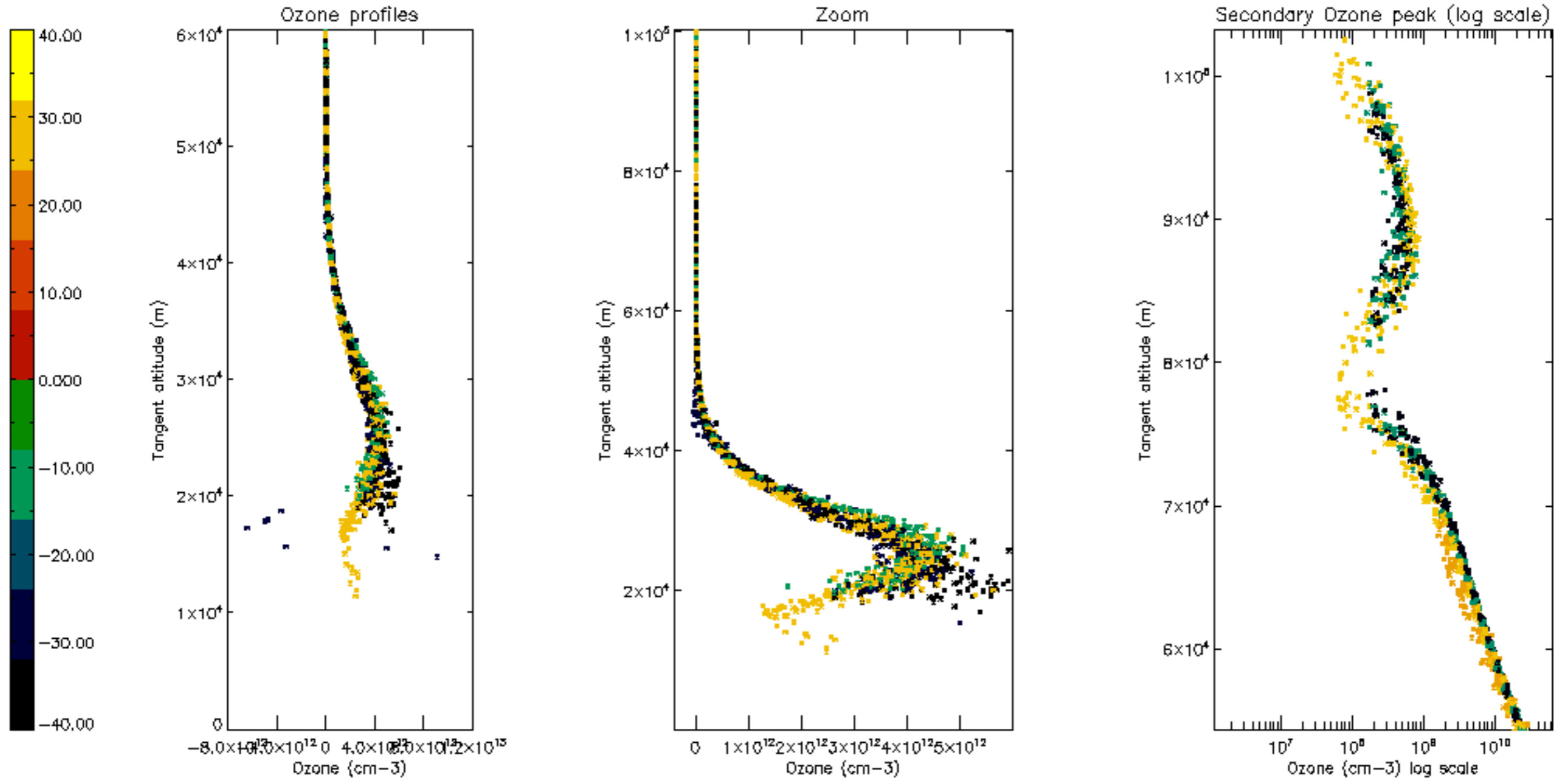
Percentage of star falling outside central band per profile

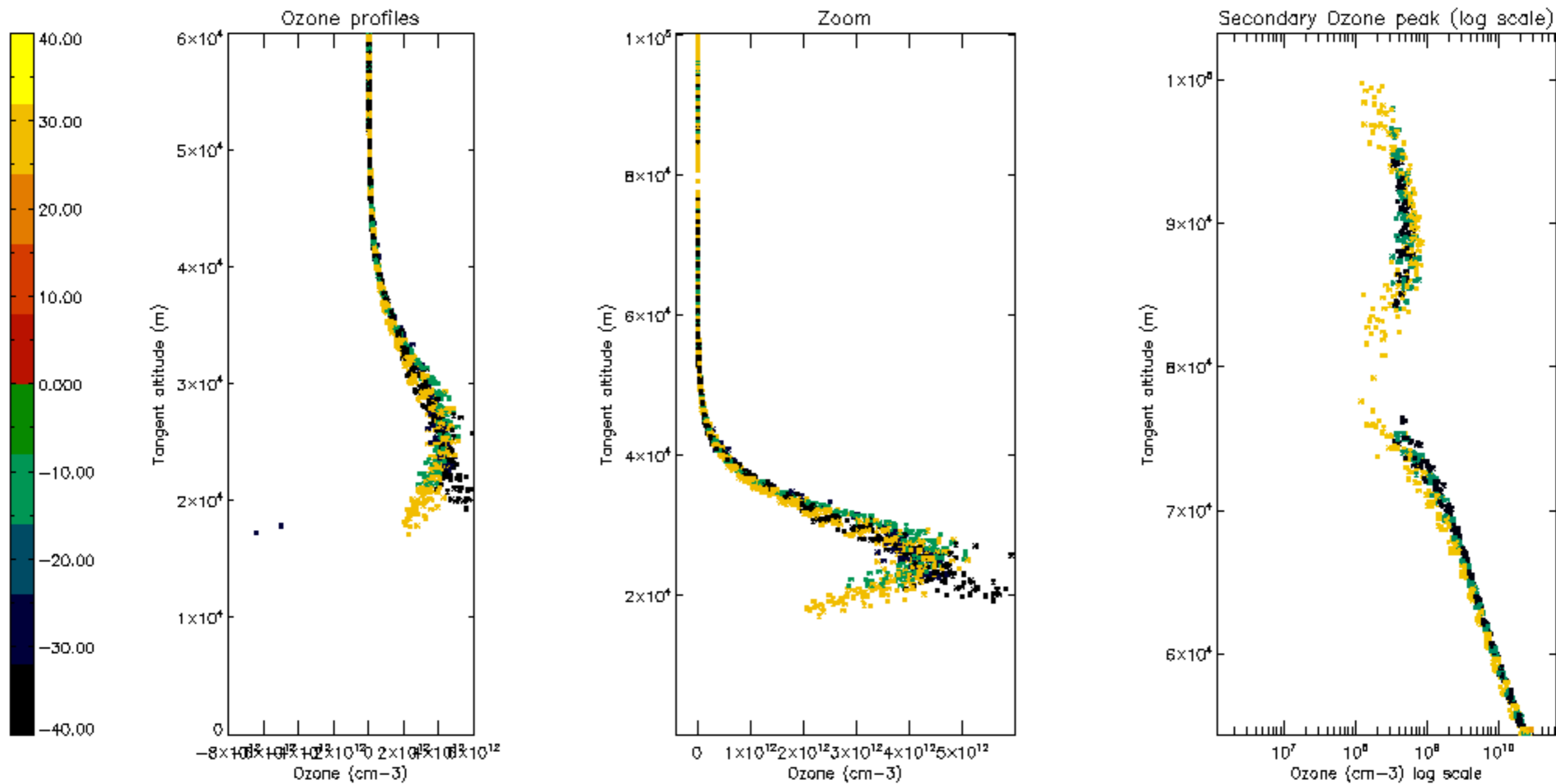


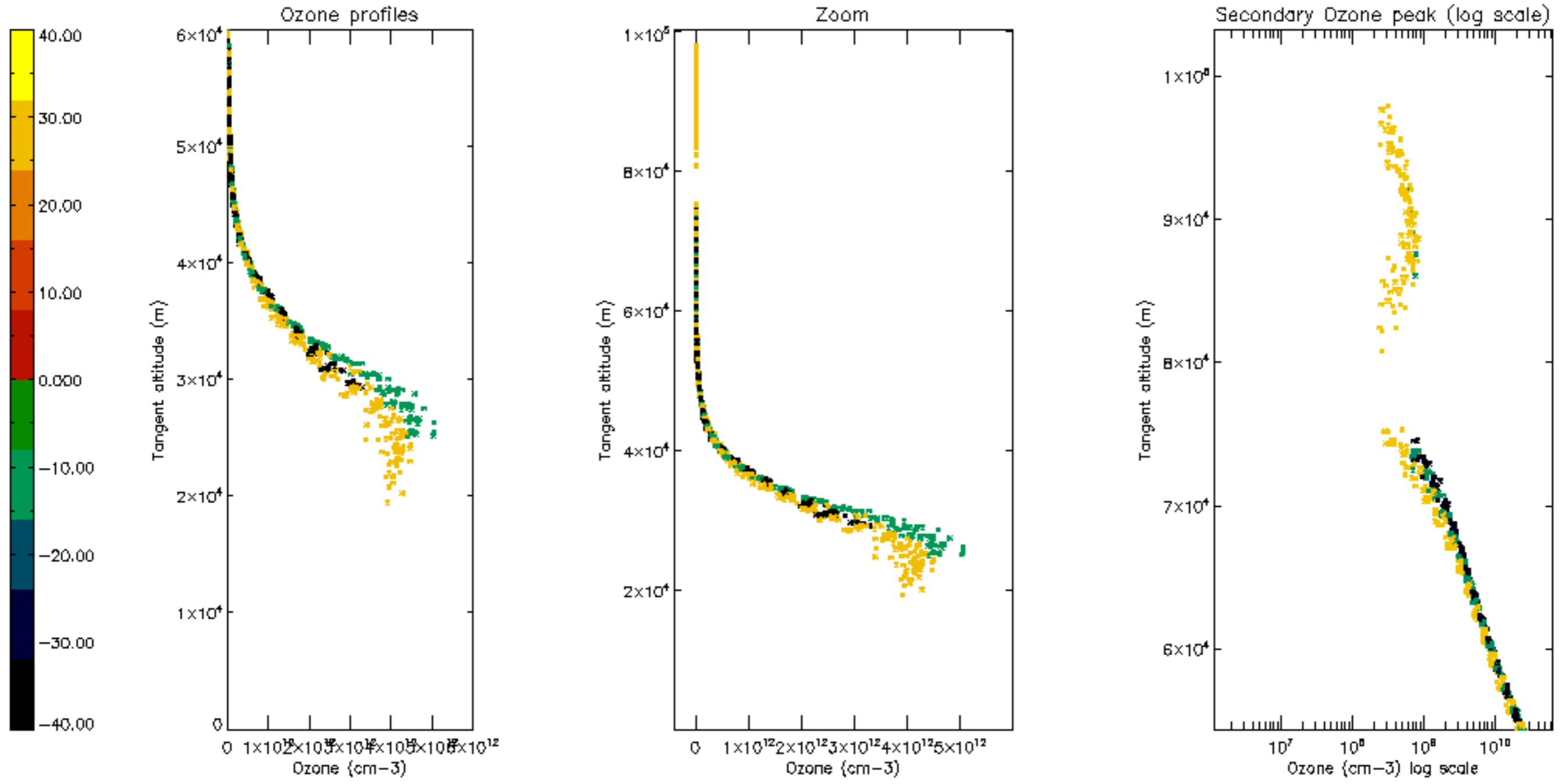
Percentage of saturation errors per profile

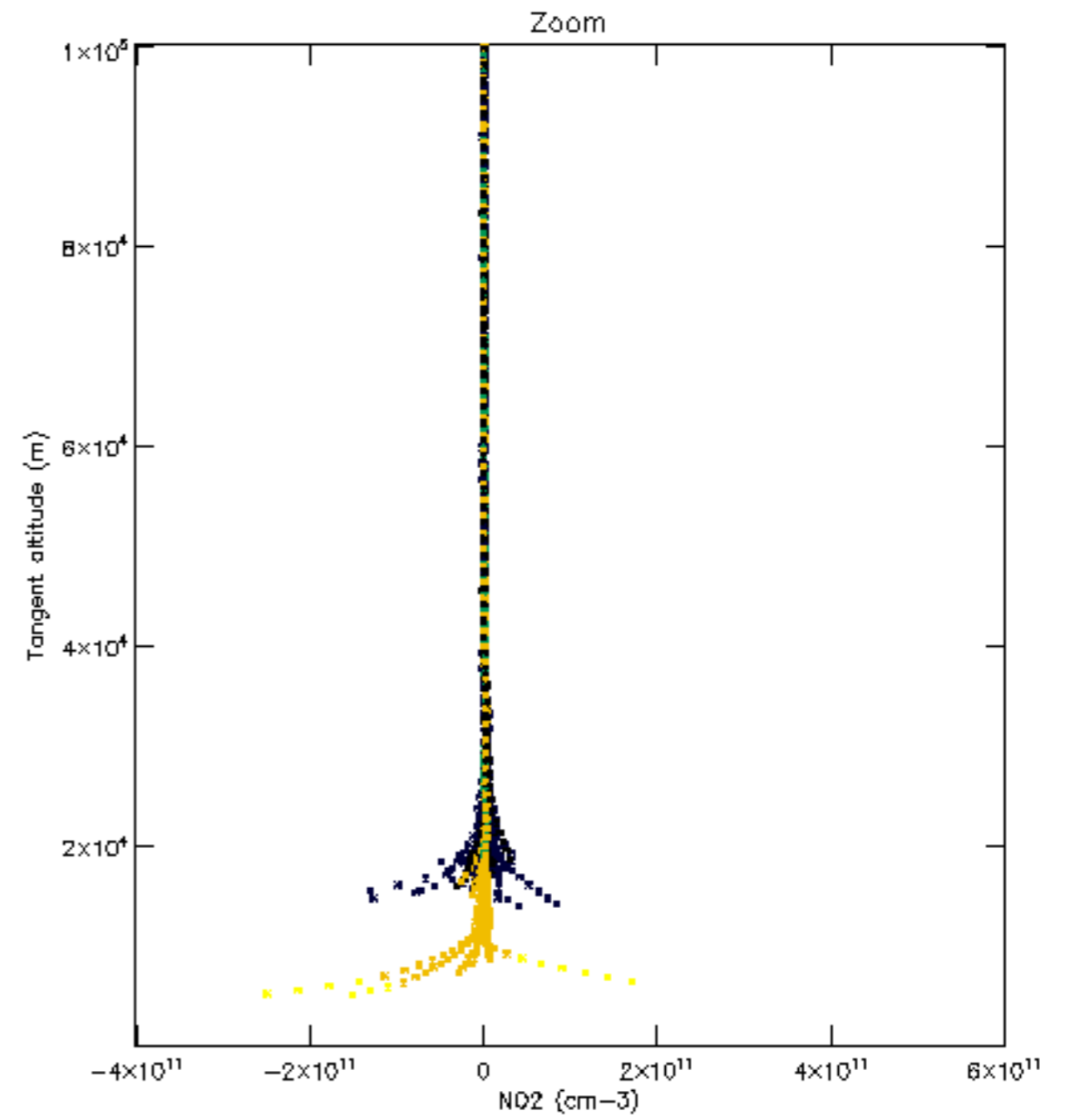
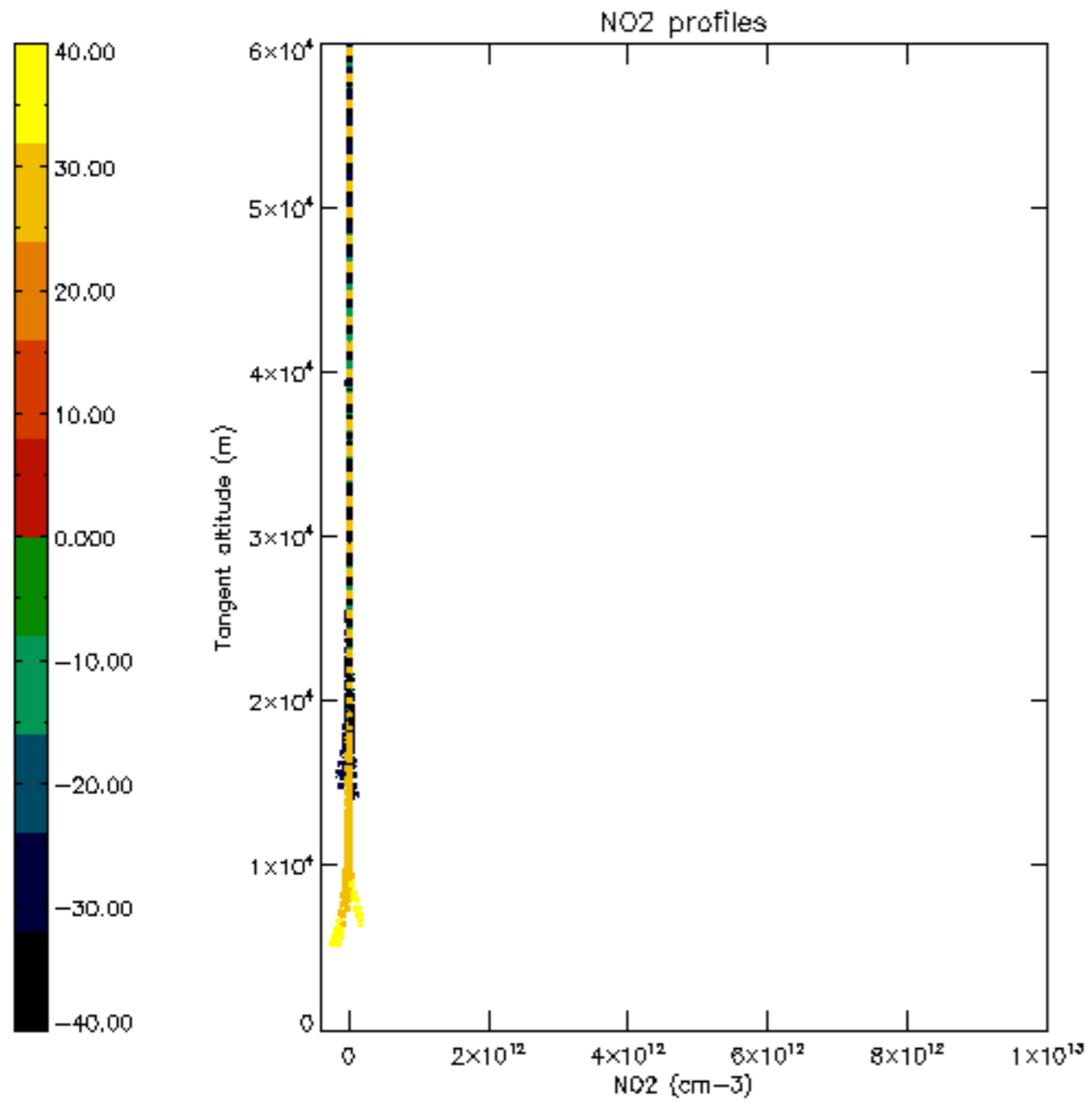


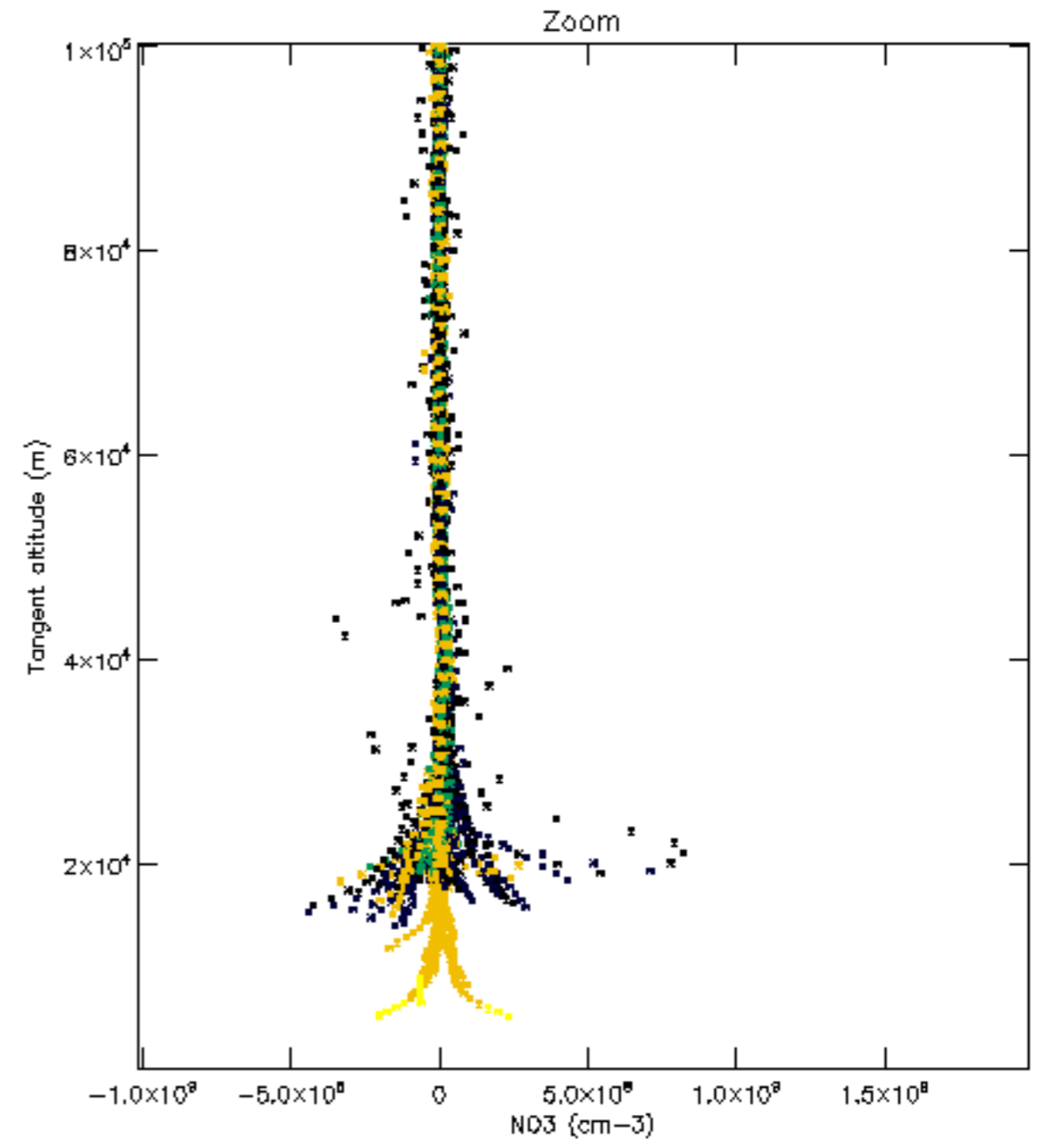
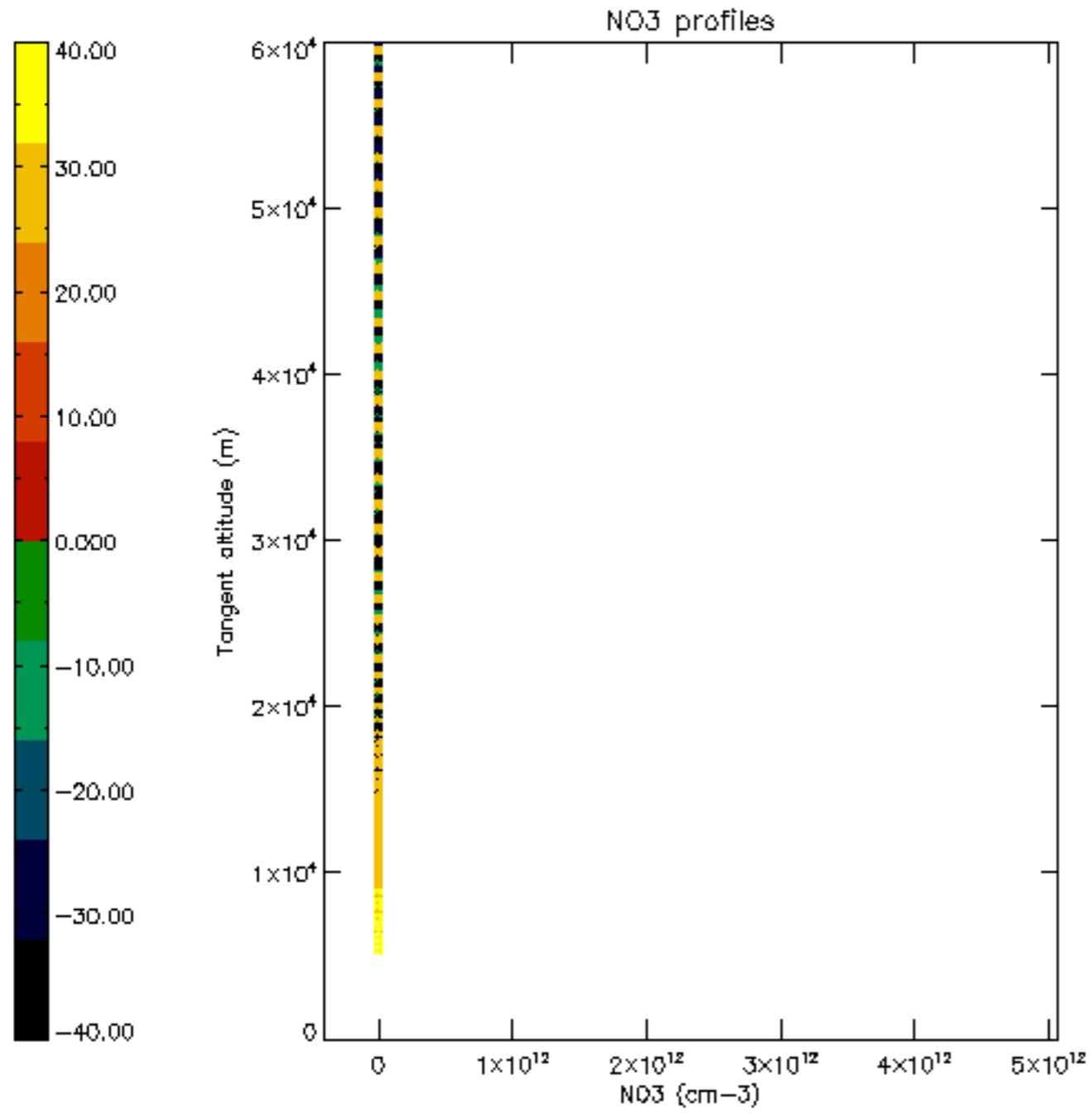


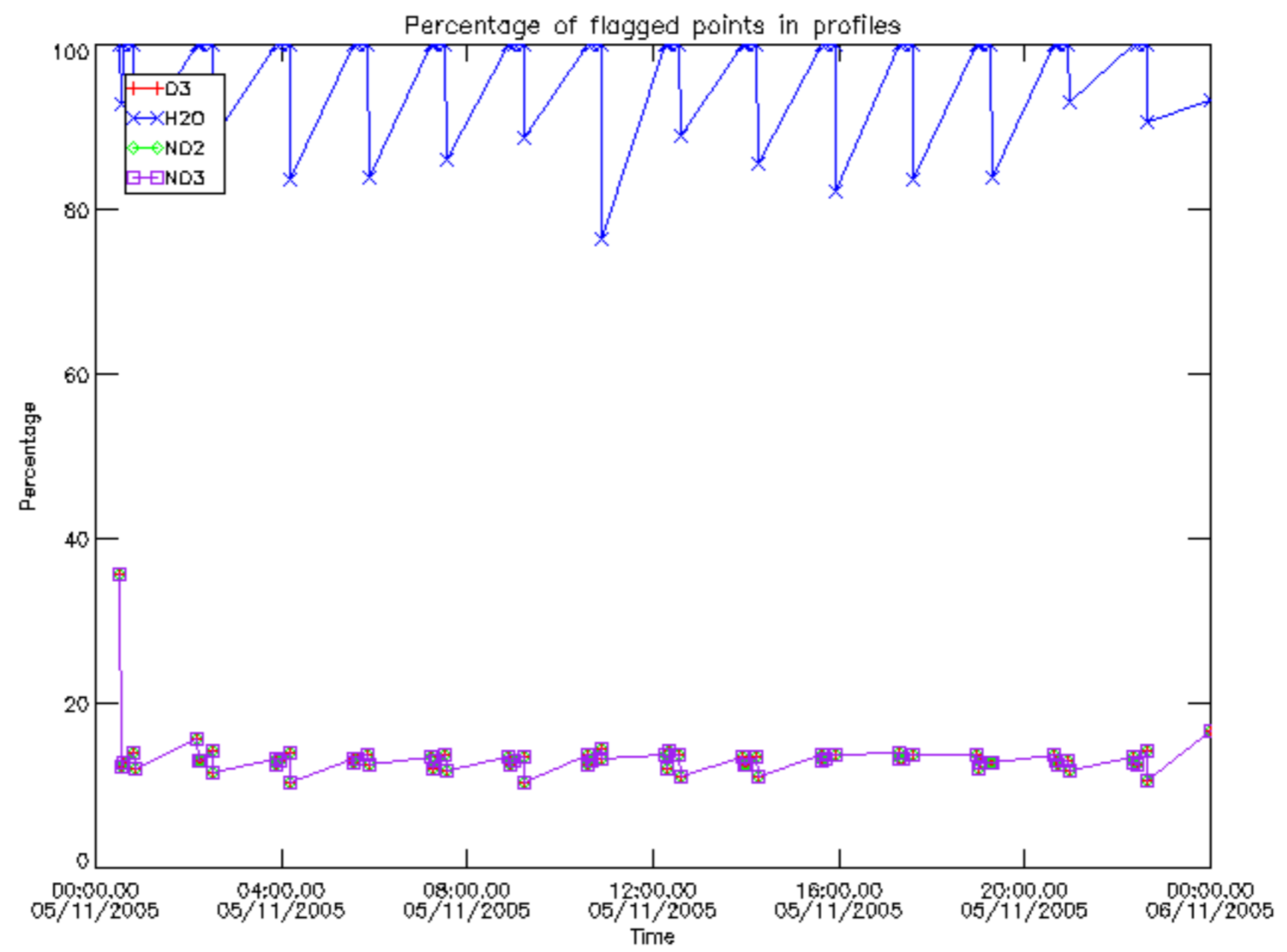




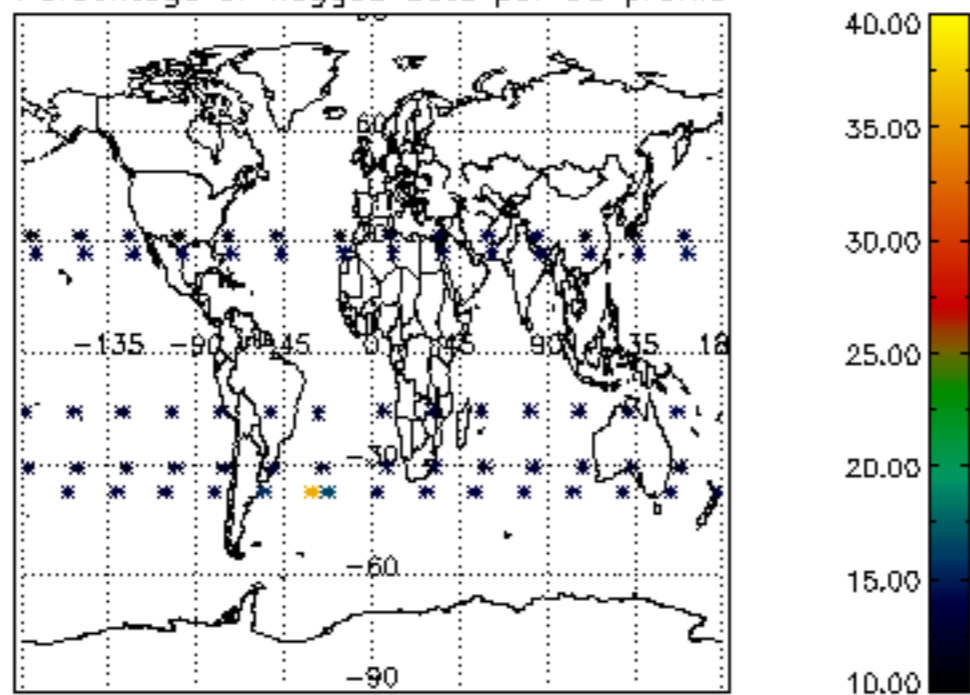




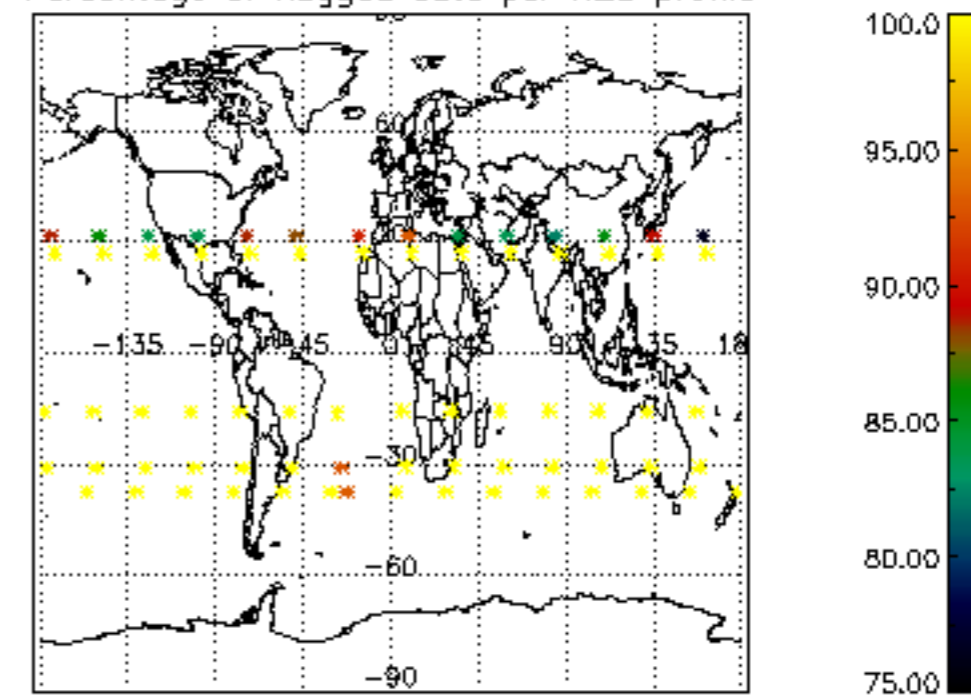




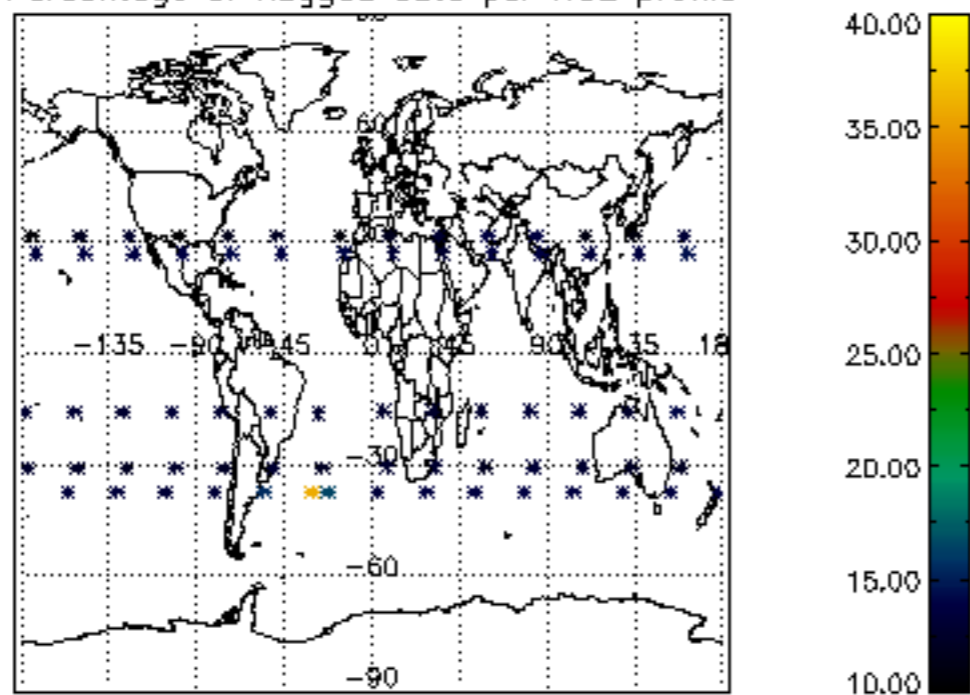
Percentage of flagged data per D3 profile



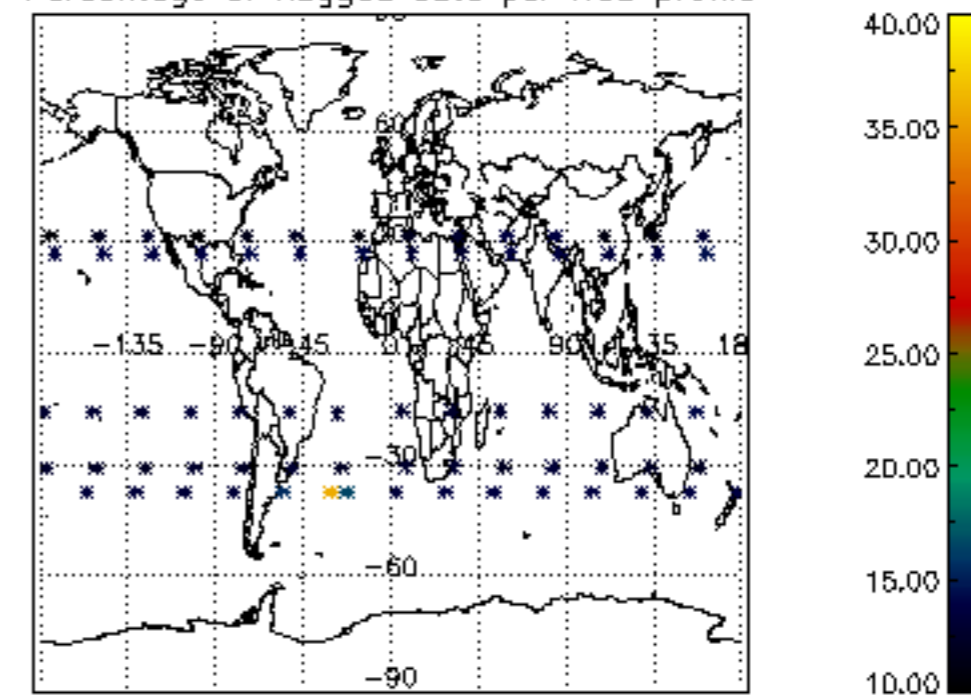
Percentage of flagged data per H2O profile

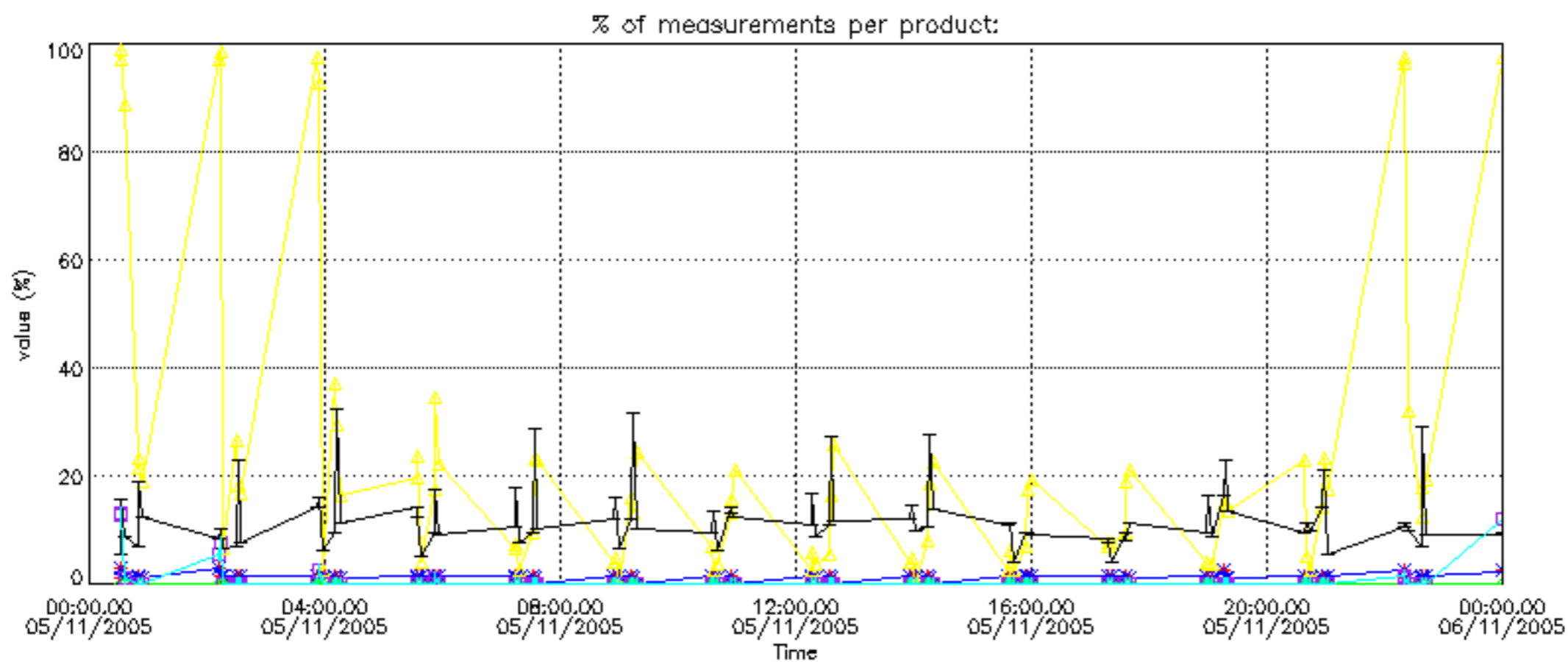


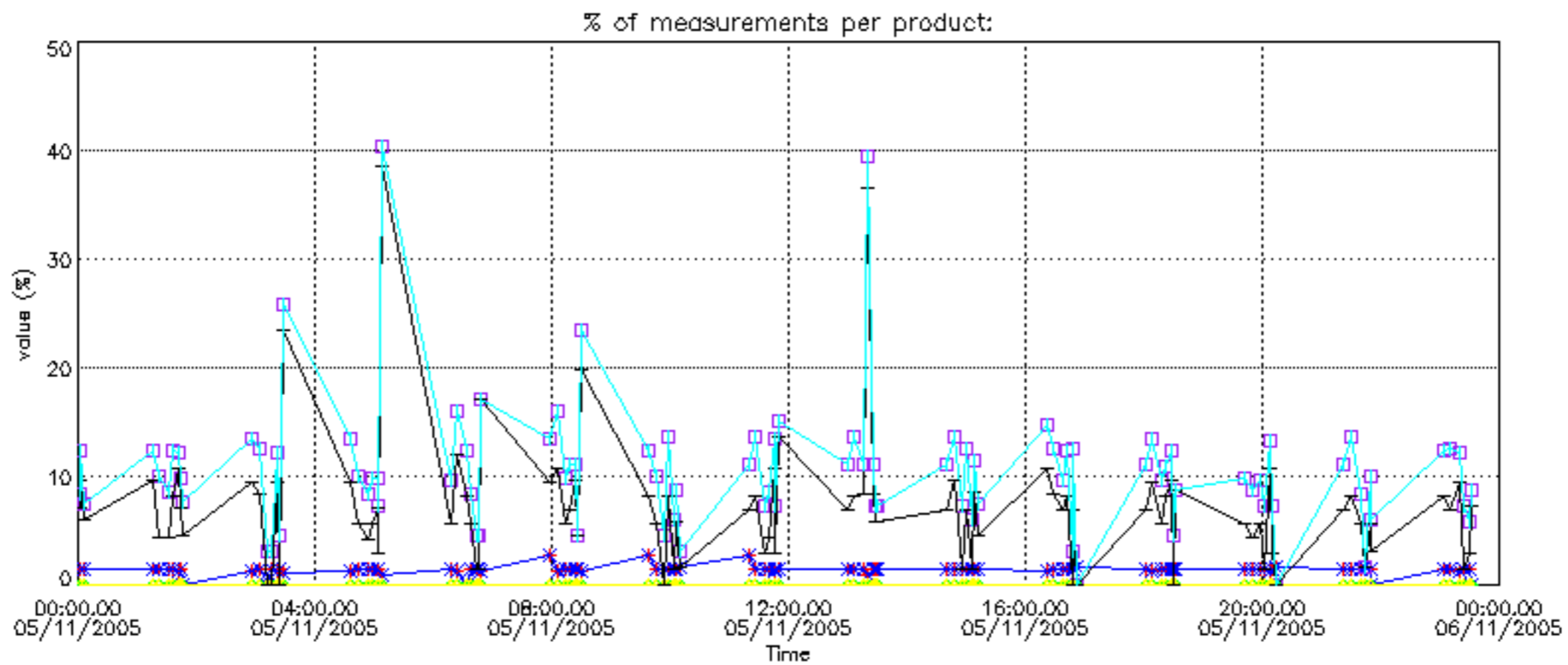
Percentage of flagged data per NO2 profile



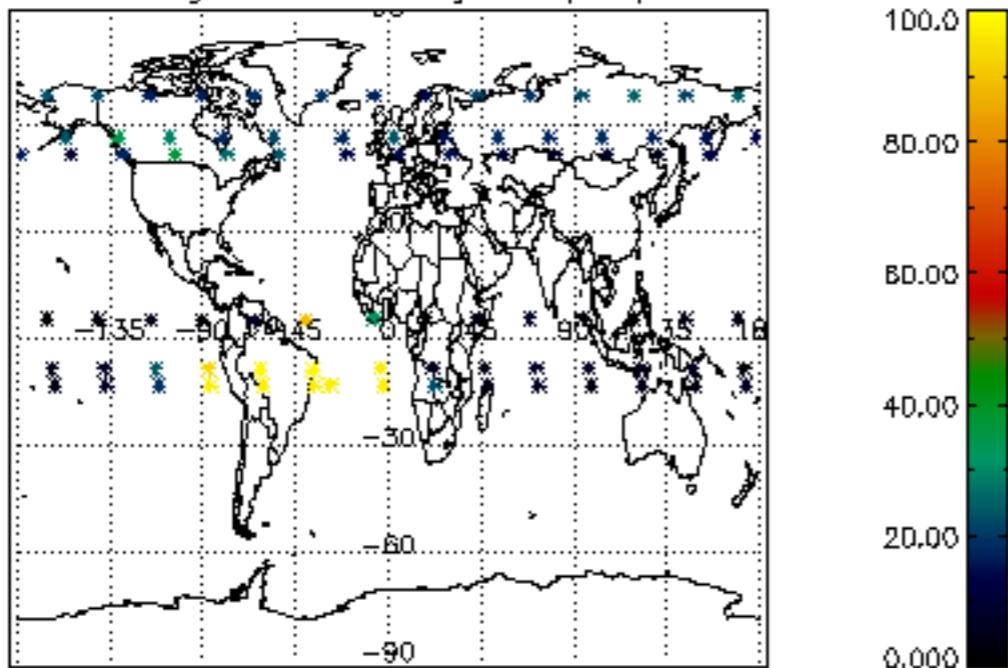
Percentage of flagged data per NO3 profile



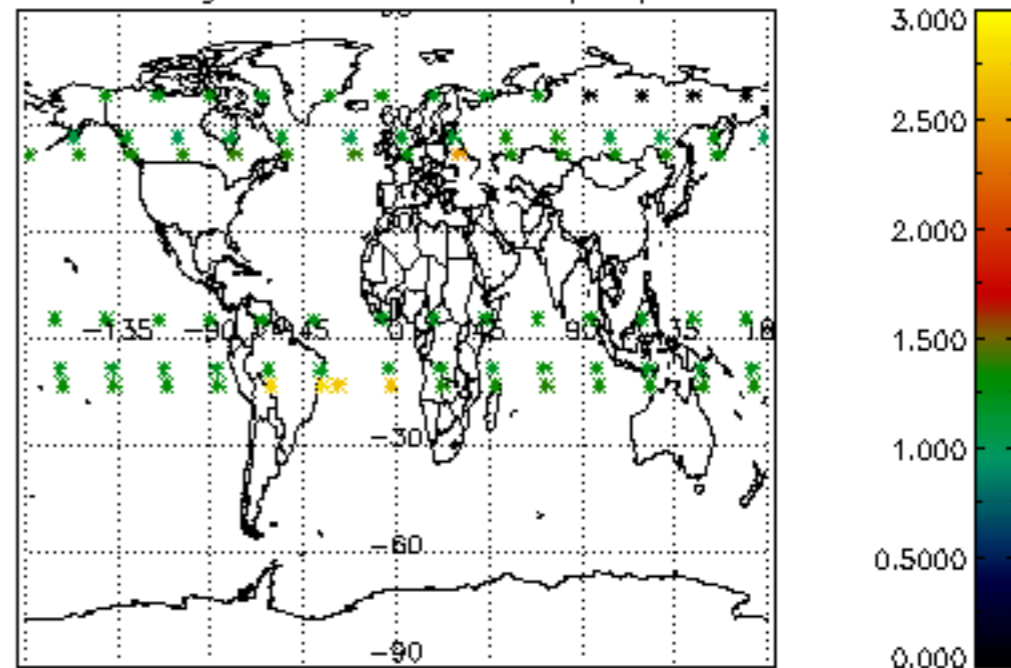




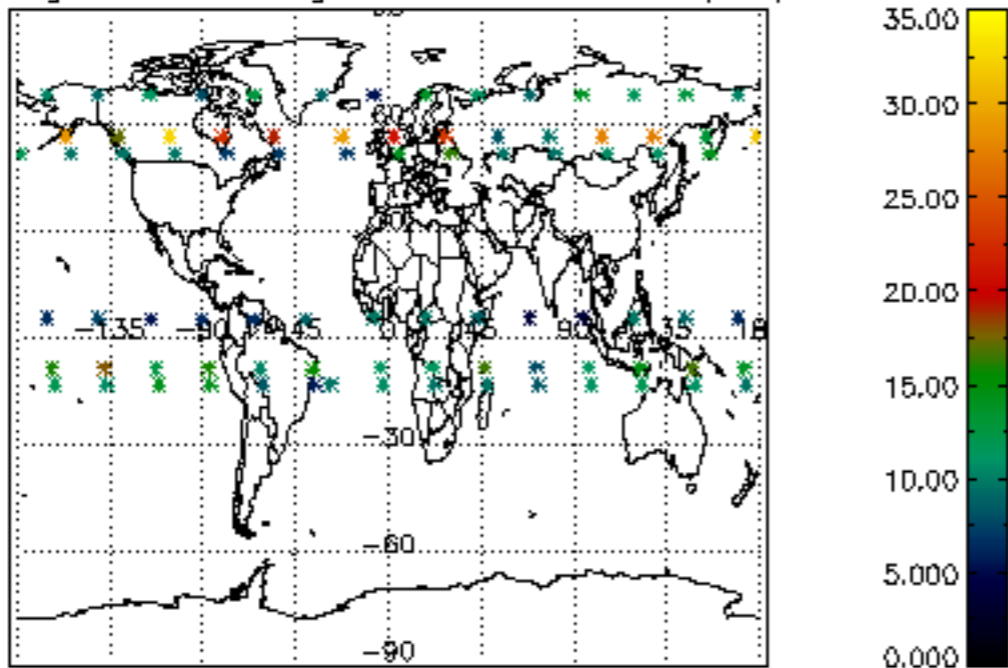
Percentage of cosmic ray hits per profile



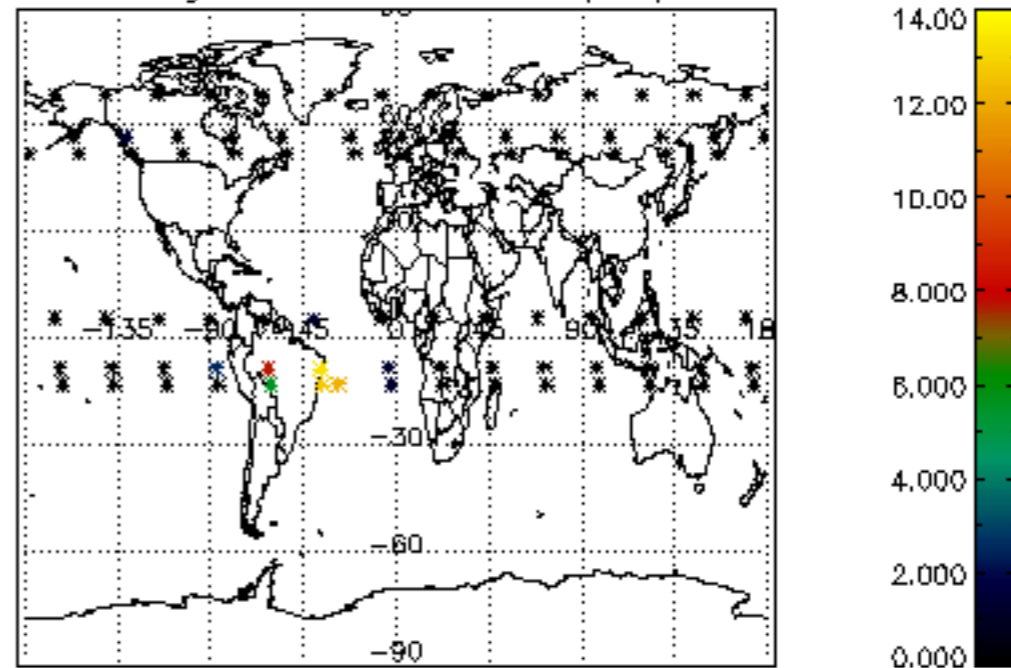
Percentage of datation errors per profile



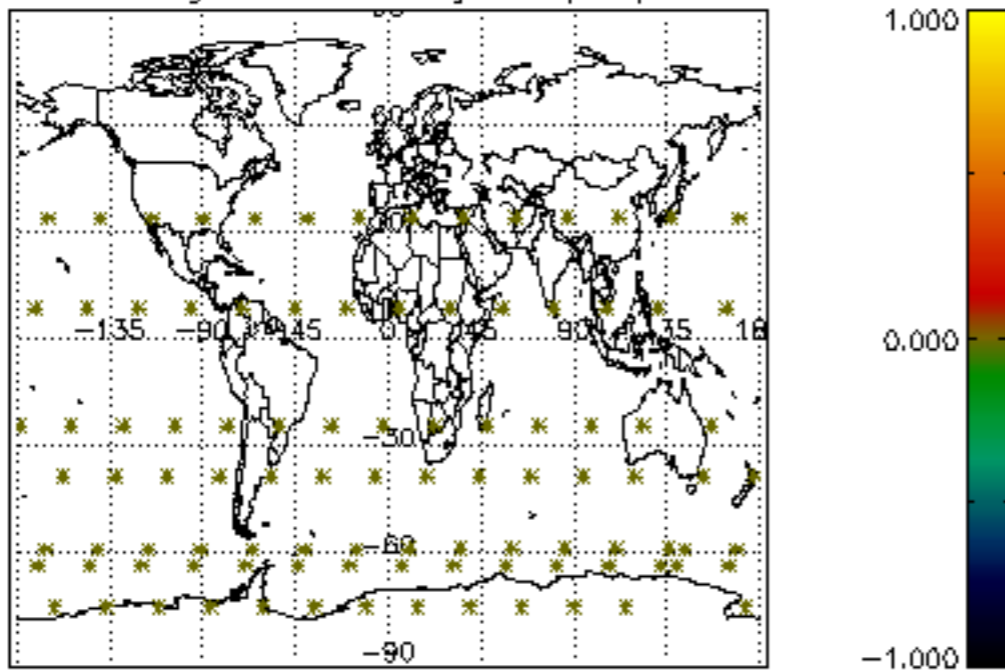
Percentage of star falling outside central band per profile



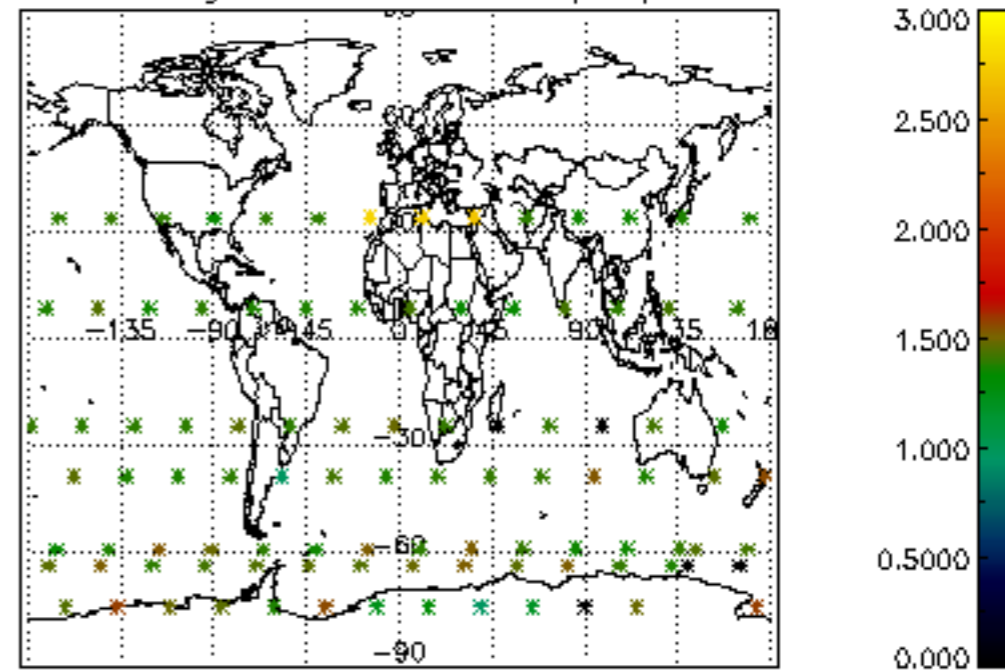
Percentage of saturation errors per profile



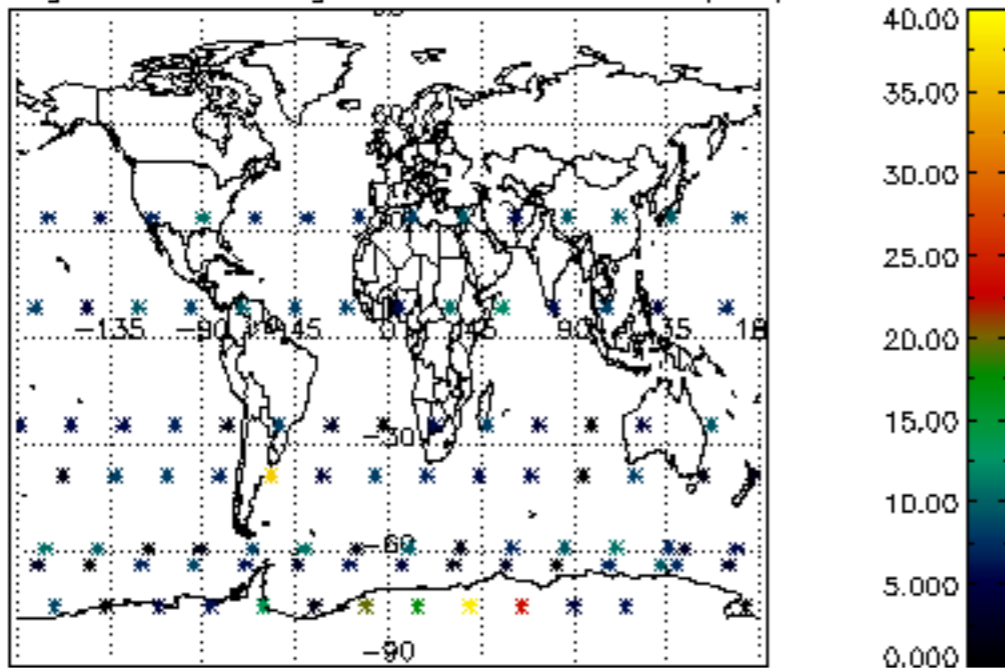
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

