

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	26APR2013 09:52:39
Data source version	GOMOS/6.01
Start time of products	31-05-2009 (31MAY2009 00:00:00)
Stop time of products	01-06-2009 (01JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	187
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__2PRFIN20090531_000114_000000372079_00274_37903_9430.N1	31-MAY-2009 00:01:14	Twilight	36.500	38	20Eps Sgr	1.8360	11000.	73	37903	No
2	GOM_NL__2PRFIN20090531_000257_000000392079_00274_37903_9431.N1	31-MAY-2009 00:02:57	Twilight	38.500	116	19Del Sgr	2.7000	4100.0	77	37903	No
3	GOM_NL__2PRFIN20090531_000927_000000342079_00274_37903_9432.N1	31-MAY-2009 00:09:27	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37903	No
4	GOM_NL__2PRFIN20090531_001119_000000312079_00274_37903_9433.N1	31-MAY-2009 00:11:19	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37903	No
5	GOM_NL__2PRFIN20090531_002145_000000342079_00274_37903_9434.N1	31-MAY-2009 00:21:45	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37903	No
6	GOM_NL__2PRFIN20090531_002513_000000342079_00274_37903_9435.N1	31-MAY-2009 00:25:13	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	37903	No
7	GOM_NL__2PRFIN20090531_003244_000000352079_00274_37903_9436.N1	31-MAY-2009 00:32:44	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37903	No
8	GOM_NL__2PRFIN20090531_004335_000000322079_00274_37903_9437.N1	31-MAY-2009 00:43:35	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37903	No
9	GOM_NL__2PRFIN20090531_005851_000000292079_00274_37903_9438.N1	31-MAY-2009 00:58:51	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37903	No
10	GOM_NL__2PRFIN20090531_010343_000000302079_00274_37903_9439.N1	31-MAY-2009 01:03:43	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37903	No
11	GOM_NL__2PRFIN20090531_012115_000000402079_00274_37903_9440.N1	31-MAY-2009 01:21:15	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37903	No
12	GOM_NL__2PRFIN20090531_012631_000000352079_00275_37904_9443.N1	31-MAY-2009 01:26:31	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37904	No
13	GOM_NL__2PRFIN20090531_014151_000000372079_00275_37904_9444.N1	31-MAY-2009 01:41:51	Twilight	36.500	38	20Eps Sgr	1.8360	11000.	73	37904	No
14	GOM_NL__2PRFIN20090531_014334_000000382079_00275_37904_9445.N1	31-MAY-2009 01:43:34	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	37904	No
15	GOM_NL__2PRFIN20090531_015003_000000342079_00275_37904_9446.N1	31-MAY-2009 01:50:03	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37904	No
16	GOM_NL__2PRFIN20090531_015155_000000312079_00275_37904_9447.N1	31-MAY-2009 01:51:55	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37904	No
17	GOM_NL__2PRFIN20090531_020221_000000332079_00275_37904_9448.N1	31-MAY-2009 02:02:21	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37904	No
18	GOM_NL__2PRFIN20090531_020549_000000342079_00275_37904_9449.N1	31-MAY-2009 02:05:49	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	37904	No
19	GOM_NL__2PRFIN20090531_021319_000000352079_00275_37904_9450.N1	31-MAY-2009 02:13:19	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37904	No
20	GOM_NL__2PRFIN20090531_022410_000000322079_00275_37904_9451.N1	31-MAY-2009 02:24:10	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37904	No
21	GOM_NL__2PRFIN20090531_022909_000000262079_00275_37904_9452.N1	31-MAY-2009 02:29:09	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37904	No
22	GOM_NL__2PRFIN20090531_023927_000000282079_00275_37904_9453.N1	31-MAY-2009 02:39:27	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37904	No
23	GOM_NL__2PRFIN20090531_024420_000000302079_00275_37904_9454.N1	31-MAY-2009 02:44:20	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37904	No
24	GOM_NL__2PRFIN20090531_030152_000000392079_00275_37904_9455.N1	31-MAY-2009 03:01:52	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37904	No
25	GOM_NL__2PRFIN20090531_030708_000000352079_00276_37905_9457.N1	31-MAY-2009 03:07:08	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37905	No
26	GOM_NL__2PRFIN20090531_032228_000000362079_00276_37905_9458.N1	31-MAY-2009 03:22:28	Twilight	36.000	38	20Eps Sgr	1.8360	11000.	72	37905	No
27	GOM_NL__2PRFIN20090531_032410_000000382079_00276_37905_9459.N1	31-MAY-2009 03:24:10	Twilight	37.500	116	19Del Sgr	2.7000	4100.0	75	37905	No
28	GOM_NL__2PRFIN20090531_033039_000000332079_00276_37905_9460.N1	31-MAY-2009 03:30:39	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37905	No
29	GOM_NL__2PRFIN20090531_033232_000000312079_00276_37905_9461.N1	31-MAY-2009 03:32:32	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37905	No
30	GOM_NL__2PRFIN20090531_034257_000000332079_00276_37905_9462.N1	31-MAY-2009 03:42:57	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37905	No
31	GOM_NL__2PRFIN20090531_034624_000000352079_00276_37905_9463.N1	31-MAY-2009 03:46:24	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37905	No
32	GOM_NL__2PRFIN20090531_035354_000000342079_00276_37905_9464.N1	31-MAY-2009 03:53:54	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37905	No
33	GOM_NL__2PRFIN20090531_040445_000000322079_00276_37905_9465.N1	31-MAY-2009 04:04:45	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37905	No
34	GOM_NL__2PRFIN20090531_040945_000000262079_00276_37905_9466.N1	31-MAY-2009 04:09:45	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37905	No
35	GOM_NL__2PRFIN20090531_042003_000000282079_00276_37905_9467.N1	31-MAY-2009 04:20:03	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37905	No
36	GOM_NL__2PRFIN20090531_042456_000000302079_00276_37905_9468.N1	31-MAY-2009 04:24:56	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37905	No
37	GOM_NL__2PRFIN20090531_044229_000000392079_00276_37905_9469.N1	31-MAY-2009 04:42:29	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37905	No
38	GOM_NL__2PRFIN20090531_044745_000000342079_00277_37906_9471.N1	31-MAY-2009 04:47:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37906	No
39	GOM_NL__2PRFIN20090531_050304_000000362079_00277_37906_9472.N1	31-MAY-2009 05:03:04	Twilight	36.000	38	20Eps Sgr	1.8360	11000.	72	37906	No
40	GOM_NL__2PRFIN20090531_050446_000000382079_00277_37906_9473.N1	31-MAY-2009 05:04:46	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	37906	No
41	GOM_NL__2PRFIN20090531_051115_000000332079_00277_37906_9474.N1	31-MAY-2009 05:11:15	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37906	No
42	GOM_NL__2PRFIN20090531_051307_000000312079_00277_37906_9475.N1	31-MAY-2009 05:13:07	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37906	No

43	GOM_NL__2PRFIN20090531_052332_000000332079_00277_37906_9476.N1	31-MAY-2009 05:23:32	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37906	No
44	GOM_NL__2PRFIN20090531_052700_000000342079_00277_37906_9477.N1	31-MAY-2009 05:27:00	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	37906	No
45	GOM_NL__2PRFIN20090531_053429_000000352079_00277_37906_9478.N1	31-MAY-2009 05:34:29	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37906	No
46	GOM_NL__2PRFIN20090531_054521_000000322079_00277_37906_9479.N1	31-MAY-2009 05:45:21	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37906	No
47	GOM_NL__2PRFIN20090531_055021_000000262079_00277_37906_9480.N1	31-MAY-2009 05:50:21	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37906	No
48	GOM_NL__2PRFIN20090531_060039_000000292079_00277_37906_9481.N1	31-MAY-2009 06:00:39	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37906	No
49	GOM_NL__2PRFIN20090531_060533_000000302079_00277_37906_9482.N1	31-MAY-2009 06:05:33	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37906	No
50	GOM_NL__2PRFIN20090531_062306_000000402079_00277_37906_9483.N1	31-MAY-2009 06:23:06	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37906	No
51	GOM_NL__2PRFIN20090531_062821_000000352079_00278_37907_9485.N1	31-MAY-2009 06:28:21	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37907	No
52	GOM_NL__2PRFIN20090531_064341_000000362079_00278_37907_9486.N1	31-MAY-2009 06:43:41	Tw_i_and_stray	36.000	38	20Eps Sgr	1.8360	11000.	72	37907	No
53	GOM_NL__2PRFIN20090531_064523_000000382079_00278_37907_9487.N1	31-MAY-2009 06:45:23	Tw_i_and_stray	37.500	116	19Del Sgr	2.7000	4100.0	75	37907	No
54	GOM_NL__2PRFIN20090531_065151_000000332079_00278_37907_9488.N1	31-MAY-2009 06:51:51	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37907	No
55	GOM_NL__2PRFIN20090531_065344_000000302079_00278_37907_9489.N1	31-MAY-2009 06:53:44	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37907	No
56	GOM_NL__2PRFIN20090531_070408_000000332079_00278_37907_9490.N1	31-MAY-2009 07:04:08	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37907	No
57	GOM_NL__2PRFIN20090531_070735_000000342079_00278_37907_9491.N1	31-MAY-2009 07:07:35	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37907	No
58	GOM_NL__2PRFIN20090531_071505_000000342079_00278_37907_9492.N1	31-MAY-2009 07:15:05	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37907	No
59	GOM_NL__2PRFIN20090531_072556_000000312079_00278_37907_9493.N1	31-MAY-2009 07:25:56	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37907	No
60	GOM_NL__2PRFIN20090531_073057_000000262079_00278_37907_9494.N1	31-MAY-2009 07:30:57	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37907	No
61	GOM_NL__2PRFIN20090531_074115_000000282079_00278_37907_9495.N1	31-MAY-2009 07:41:15	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37907	No
62	GOM_NL__2PRFIN20090531_074609_000000302079_00278_37907_9496.N1	31-MAY-2009 07:46:09	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37907	No
63	GOM_NL__2PRFIN20090531_080343_000000392079_00278_37907_9497.N1	31-MAY-2009 08:03:43	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37907	No
64	GOM_NL__2PRFIN20090531_080858_000000352079_00279_37908_9499.N1	31-MAY-2009 08:08:58	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37908	No
65	GOM_NL__2PRFIN20090531_082417_000000362079_00279_37908_9500.N1	31-MAY-2009 08:24:17	Tw_i_and_stray	36.000	38	20Eps Sgr	1.8360	11000.	72	37908	No
66	GOM_NL__2PRFIN20090531_082600_000000372079_00279_37908_9501.N1	31-MAY-2009 08:26:00	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37908	No
67	GOM_NL__2PRFIN20090531_083228_000000332079_00279_37908_9502.N1	31-MAY-2009 08:32:28	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37908	No
68	GOM_NL__2PRFIN20090531_083420_000000302079_00279_37908_9503.N1	31-MAY-2009 08:34:20	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37908	No
69	GOM_NL__2PRFIN20090531_084443_000000332079_00279_37908_9504.N1	31-MAY-2009 08:44:43	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37908	No
70	GOM_NL__2PRFIN20090531_084811_000000342079_00279_37908_9505.N1	31-MAY-2009 08:48:11	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37908	No
71	GOM_NL__2PRFIN20090531_085540_000000342079_00279_37908_9506.N1	31-MAY-2009 08:55:40	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37908	No
72	GOM_NL__2PRFIN20090531_090632_000000322079_00279_37908_9507.N1	31-MAY-2009 09:06:32	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37908	No
73	GOM_NL__2PRFIN20090531_091133_000000252079_00279_37908_9508.N1	31-MAY-2009 09:11:33	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37908	No
74	GOM_NL__2PRFIN20090531_092151_000000282079_00279_37908_9509.N1	31-MAY-2009 09:21:51	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37908	No
75	GOM_NL__2PRFIN20090531_092646_000000292079_00279_37908_9510.N1	31-MAY-2009 09:26:46	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37908	No
76	GOM_NL__2PRFIN20090531_094421_000000392079_00279_37908_9511.N1	31-MAY-2009 09:44:21	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37908	No
77	GOM_NL__2PRFIN20090531_094935_000000352079_00280_37909_9533.N1	31-MAY-2009 09:49:35	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37909	No
78	GOM_NL__2PRFIN20090531_100454_000000362079_00280_37909_9534.N1	31-MAY-2009 10:04:54	Tw_i_and_stray	36.000	38	20Eps Sgr	1.8360	11000.	72	37909	No
79	GOM_NL__2PRFIN20090531_100636_000000372079_00280_37909_9535.N1	31-MAY-2009 10:06:36	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37909	No
80	GOM_NL__2PRFIN20090531_101304_000000332079_00280_37909_9536.N1	31-MAY-2009 10:13:04	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37909	No
81	GOM_NL__2PRFIN20090531_101456_000000302079_00280_37909_9537.N1	31-MAY-2009 10:14:56	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37909	No
82	GOM_NL__2PRFIN20090531_102519_000000332079_00280_37909_9538.N1	31-MAY-2009 10:25:19	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37909	No
83	GOM_NL__2PRFIN20090531_102846_000000342079_00280_37909_9539.N1	31-MAY-2009 10:28:46	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37909	No
84	GOM_NL__2PRFIN20090531_103616_000000342079_00280_37909_9540.N1	31-MAY-2009 10:36:16	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37909	No
85	GOM_NL__2PRFIN20090531_104707_000000322079_00280_37909_9541.N1	31-MAY-2009 10:47:07	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37909	No
86	GOM_NL__2PRFIN20090531_105208_000000262079_00280_37909_9542.N1	31-MAY-2009 10:52:08	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37909	No
87	GOM_NL__2PRFIN20090531_110227_000000282079_00280_37909_9543.N1	31-MAY-2009 11:02:27	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37909	No
88	GOM_NL__2PRFIN20090531_110722_000000292079_00280_37909_9544.N1	31-MAY-2009 11:07:22	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37909	No
89	GOM_NL__2PRFIN20090531_112458_000000392079_00280_37909_9545.N1	31-MAY-2009 11:24:58	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37909	No
90	GOM_NL__2PRFIN20090531_113012_000000352079_00281_37910_9547.N1	31-MAY-2009 11:30:12	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37910	No
91	GOM_NL__2PRFIN20090531_114530_000000362079_00281_37910_9548.N1	31-MAY-2009 11:45:30	Tw_i_and_stray	35.500	38	20Eps Sgr	1.8360	11000.	71	37910	No
92	GOM_NL__2PRFIN20090531_114712_000000382079_00281_37910_9549.N1	31-MAY-2009 11:47:12	Tw_i_and_stray	37.500	116	19Del Sgr	2.7000	4100.0	75	37910	No
93	GOM_NL__2PRFIN20090531_115340_000000322079_00281_37910_9550.N1	31-MAY-2009 11:53:40	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37910	No
94	GOM_NL__2PRFIN20090531_115532_000000302079_00281_37910_9551.N1	31-MAY-2009 11:55:32	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37910	No
95	GOM_NL__2PRFIN20090531_120554_000000332079_00281_37910_9552.N1	31-MAY-2009 12:05:54	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37910	No
96	GOM_NL__2PRFIN20090531_120921_000000342079_00281_37910_9553.N1	31-MAY-2009 12:09:21	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37910	No
97	GOM_NL__2PRFIN20090531_121651_000000342079_00281_37910_9554.N1	31-MAY-2009 12:16:51	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37910	No
98	GOM_NL__2PRFIN20090531_122742_000000322079_00281_37910_9555.N1	31-MAY-2009 12:27:42	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37910	No
99	GOM_NL__2PRFIN20090531_123244_000000262079_00281_37910_9556.N1	31-MAY-2009 12:32:44	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37910	No
100	GOM_NL__2PRFIN20090531_124304_000000282079_00281_37910_9557.N1	31-MAY-2009 12:43:04	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37910	No
101	GOM_NL__2PRFIN20090531_124758_000000302079_00281_37910_9558.N1	31-MAY-2009 12:47:58	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37910	No

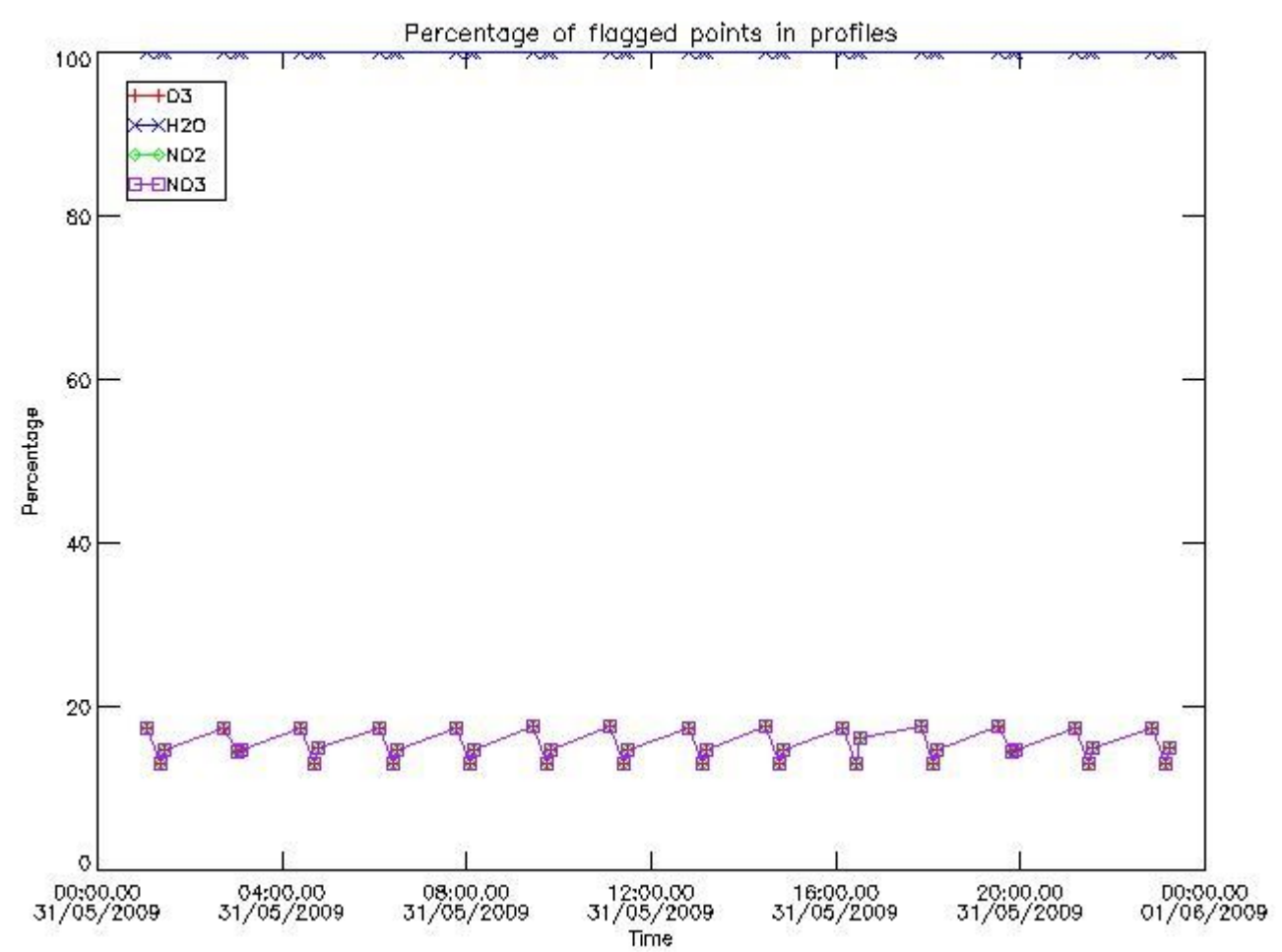
102	GOM_NL__2PRFIN20090531_130535_000000392079_00281_37910_9559.N1	31-MAY-2009 13:05:35	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37910	No
103	GOM_NL__2PRFIN20090531_131049_000000352079_00282_37911_9562.N1	31-MAY-2009 13:10:49	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37911	No
104	GOM_NL__2PRFIN20090531_132607_000000362079_00282_37911_9563.N1	31-MAY-2009 13:26:07	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37911	No
105	GOM_NL__2PRFIN20090531_132749_000000372079_00282_37911_9564.N1	31-MAY-2009 13:27:49	Twilight	36.500	116	19Del Sgr	2.7000	4100.0	73	37911	No
106	GOM_NL__2PRFIN20090531_133415_000000332079_00282_37911_9565.N1	31-MAY-2009 13:34:15	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37911	No
107	GOM_NL__2PRFIN20090531_133607_000000302079_00282_37911_9566.N1	31-MAY-2009 13:36:07	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37911	No
108	GOM_NL__2PRFIN20090531_134630_000000332079_00282_37911_9567.N1	31-MAY-2009 13:46:30	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37911	No
109	GOM_NL__2PRFIN20090531_134957_000000342079_00282_37911_9568.N1	31-MAY-2009 13:49:57	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37911	No
110	GOM_NL__2PRFIN20090531_135726_000000342079_00282_37911_9569.N1	31-MAY-2009 13:57:26	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37911	No
111	GOM_NL__2PRFIN20090531_140817_000000322079_00282_37911_9570.N1	31-MAY-2009 14:08:17	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37911	No
112	GOM_NL__2PRFIN20090531_141320_000000262079_00282_37911_9571.N1	31-MAY-2009 14:13:20	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37911	No
113	GOM_NL__2PRFIN20090531_142340_000000282079_00282_37911_9572.N1	31-MAY-2009 14:23:40	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37911	No
114	GOM_NL__2PRFIN20090531_142835_000000292079_00282_37911_9573.N1	31-MAY-2009 14:28:35	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37911	No
115	GOM_NL__2PRFIN20090531_144612_000000392079_00282_37911_9574.N1	31-MAY-2009 14:46:12	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37911	No
116	GOM_NL__2PRFIN20090531_145125_000000352079_00283_37912_9576.N1	31-MAY-2009 14:51:25	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37912	No
117	GOM_NL__2PRFIN20090531_150643_000000352079_00283_37912_9577.N1	31-MAY-2009 15:06:43	Twilight	35.000	38	20Eps Sgr	1.8360	11000.	70	37912	No
118	GOM_NL__2PRFIN20090531_150825_000000372079_00283_37912_9578.N1	31-MAY-2009 15:08:25	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37912	No
119	GOM_NL__2PRFIN20090531_151451_000000332079_00283_37912_9579.N1	31-MAY-2009 15:14:51	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37912	No
120	GOM_NL__2PRFIN20090531_151643_000000302079_00283_37912_9580.N1	31-MAY-2009 15:16:43	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37912	No
121	GOM_NL__2PRFIN20090531_152706_000000332079_00283_37912_9581.N1	31-MAY-2009 15:27:06	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37912	No
122	GOM_NL__2PRFIN20090531_153032_000000342079_00283_37912_9582.N1	31-MAY-2009 15:30:32	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37912	No
123	GOM_NL__2PRFIN20090531_153801_000000342079_00283_37912_9583.N1	31-MAY-2009 15:38:01	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37912	No
124	GOM_NL__2PRFIN20090531_154853_000000322079_00283_37912_9584.N1	31-MAY-2009 15:48:53	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37912	No
125	GOM_NL__2PRFIN20090531_155356_000000252079_00283_37912_9585.N1	31-MAY-2009 15:53:56	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37912	No
126	GOM_NL__2PRFIN20090531_160416_000000282079_00283_37912_9586.N1	31-MAY-2009 16:04:16	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37912	No
127	GOM_NL__2PRFIN20090531_160911_000000302079_00283_37912_9587.N1	31-MAY-2009 16:09:11	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37912	No
128	GOM_NL__2PRFIN20090531_162649_000000392079_00283_37912_9588.N1	31-MAY-2009 16:26:49	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37912	No
129	GOM_NL__2PRFIN20090531_163203_000000352079_00284_37913_9592.N1	31-MAY-2009 16:32:03	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37913	No
130	GOM_NL__2PRFIN20090531_164720_000000362079_00284_37913_9593.N1	31-MAY-2009 16:47:20	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37913	No
131	GOM_NL__2PRFIN20090531_164902_000000372079_00284_37913_9594.N1	31-MAY-2009 16:49:02	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37913	No
132	GOM_NL__2PRFIN20090531_165528_000000332079_00284_37913_9595.N1	31-MAY-2009 16:55:28	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37913	No
133	GOM_NL__2PRFIN20090531_165719_000000302079_00284_37913_9596.N1	31-MAY-2009 16:57:19	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37913	No
134	GOM_NL__2PRFIN20090531_170741_000000332079_00284_37913_9597.N1	31-MAY-2009 17:07:41	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37913	No
135	GOM_NL__2PRFIN20090531_171108_000000332079_00284_37913_9598.N1	31-MAY-2009 17:11:08	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37913	No
136	GOM_NL__2PRFIN20090531_171837_000000342079_00284_37913_9599.N1	31-MAY-2009 17:18:37	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37913	No
137	GOM_NL__2PRFIN20090531_172928_000000322079_00284_37913_9600.N1	31-MAY-2009 17:29:28	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37913	No
138	GOM_NL__2PRFIN20090531_173431_000000252079_00284_37913_9601.N1	31-MAY-2009 17:34:31	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37913	No
139	GOM_NL__2PRFIN20090531_174452_000000282079_00284_37913_9602.N1	31-MAY-2009 17:44:52	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37913	No
140	GOM_NL__2PRFIN20090531_174948_000000292079_00284_37913_9603.N1	31-MAY-2009 17:49:48	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37913	No
141	GOM_NL__2PRFIN20090531_180727_000000392079_00284_37913_9604.N1	31-MAY-2009 18:07:27	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37913	No
142	GOM_NL__2PRFIN20090531_181239_000000342079_00285_37914_9611.N1	31-MAY-2009 18:12:39	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37914	No
143	GOM_NL__2PRFIN20090531_182757_000000352079_00285_37914_9612.N1	31-MAY-2009 18:27:57	Twilight	35.000	38	20Eps Sgr	1.8360	11000.	70	37914	No
144	GOM_NL__2PRFIN20090531_182939_000000372079_00285_37914_9613.N1	31-MAY-2009 18:29:39	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37914	No
145	GOM_NL__2PRFIN20090531_183604_000000332079_00285_37914_9614.N1	31-MAY-2009 18:36:04	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37914	No
146	GOM_NL__2PRFIN20090531_183755_000000302079_00285_37914_9615.N1	31-MAY-2009 18:37:55	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37914	No
147	GOM_NL__2PRFIN20090531_184817_000000322079_00285_37914_9616.N1	31-MAY-2009 18:48:17	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37914	No
148	GOM_NL__2PRFIN20090531_185143_000000342079_00285_37914_9617.N1	31-MAY-2009 18:51:43	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37914	No
149	GOM_NL__2PRFIN20090531_185912_000000342079_00285_37914_9618.N1	31-MAY-2009 18:59:12	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37914	No
150	GOM_NL__2PRFIN20090531_191004_000000322079_00285_37914_9619.N1	31-MAY-2009 19:10:04	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37914	No
151	GOM_NL__2PRFIN20090531_191507_000000262079_00285_37914_9620.N1	31-MAY-2009 19:15:07	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37914	No
152	GOM_NL__2PRFIN20090531_192528_000000282079_00285_37914_9621.N1	31-MAY-2009 19:25:28	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37914	No
153	GOM_NL__2PRFIN20090531_193024_000000292079_00285_37914_9622.N1	31-MAY-2009 19:30:24	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37914	No
154	GOM_NL__2PRFIN20090531_194804_000000392079_00285_37914_9623.N1	31-MAY-2009 19:48:04	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37914	No
155	GOM_NL__2PRFIN20090531_195316_000000342079_00286_37915_9628.N1	31-MAY-2009 19:53:16	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37915	No
156	GOM_NL__2PRFIN20090531_200833_000000362079_00286_37915_9629.N1	31-MAY-2009 20:08:33	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37915	No
157	GOM_NL__2PRFIN20090531_201015_000000372079_00286_37915_9630.N1	31-MAY-2009 20:10:15	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37915	No
158	GOM_NL__2PRFIN20090531_201640_000000322079_00286_37915_9631.N1	31-MAY-2009 20:16:40	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37915	No
159	GOM_NL__2PRFIN20090531_201831_000000302079_00286_37915_9632.N1	31-MAY-2009 20:18:31	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37915	No
160	GOM_NL__2PRFIN20090531_202852_000000322079_00286_37915_9633.N1	31-MAY-2009 20:28:52	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37915	No

161	GOM_NL__2PRFIN20090531_203219_000000332079_00286_37915_9634.N1	31-MAY-2009 20:32:19	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37915	No
162	GOM_NL__2PRFIN20090531_203947_000000342079_00286_37915_9635.N1	31-MAY-2009 20:39:47	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37915	No
163	GOM_NL__2PRFIN20090531_205039_000000322079_00286_37915_9636.N1	31-MAY-2009 20:50:39	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37915	No
164	GOM_NL__2PRFIN20090531_205543_000000252079_00286_37915_9637.N1	31-MAY-2009 20:55:43	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37915	No
165	GOM_NL__2PRFIN20090531_210604_000000282079_00286_37915_9638.N1	31-MAY-2009 21:06:04	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37915	No
166	GOM_NL__2PRFIN20090531_211101_000000302079_00286_37915_9639.N1	31-MAY-2009 21:11:01	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37915	No
167	GOM_NL__2PRFIN20090531_212841_000000392079_00286_37915_9640.N1	31-MAY-2009 21:28:41	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37915	No
168	GOM_NL__2PRFIN20090531_213353_000000342079_00287_37916_9643.N1	31-MAY-2009 21:33:53	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37916	No
169	GOM_NL__2PRFIN20090531_214909_000000362079_00287_37916_9644.N1	31-MAY-2009 21:49:09	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37916	No
170	GOM_NL__2PRFIN20090531_215051_000000372079_00287_37916_9645.N1	31-MAY-2009 21:50:51	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37916	No
171	GOM_NL__2PRFIN20090531_215716_000000332079_00287_37916_9646.N1	31-MAY-2009 21:57:16	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37916	No
172	GOM_NL__2PRFIN20090531_215907_000000302079_00287_37916_9647.N1	31-MAY-2009 21:59:07	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37916	No
173	GOM_NL__2PRFIN20090531_220928_000000322079_00287_37916_9648.N1	31-MAY-2009 22:09:28	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37916	No
174	GOM_NL__2PRFIN20090531_221254_000000332079_00287_37916_9649.N1	31-MAY-2009 22:12:54	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37916	No
175	GOM_NL__2PRFIN20090531_222022_000000342079_00287_37916_9650.N1	31-MAY-2009 22:20:22	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37916	No
176	GOM_NL__2PRFIN20090531_223114_000000322079_00287_37916_9651.N1	31-MAY-2009 22:31:14	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37916	No
177	GOM_NL__2PRFIN20090531_223618_000000262079_00287_37916_9652.N1	31-MAY-2009 22:36:18	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37916	No
178	GOM_NL__2PRFIN20090531_224641_000000282079_00287_37916_9653.N1	31-MAY-2009 22:46:41	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37916	No
179	GOM_NL__2PRFIN20090531_225137_000000302079_00287_37916_9654.N1	31-MAY-2009 22:51:37	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37916	No
180	GOM_NL__2PRFIN20090531_230918_000000392079_00287_37916_9655.N1	31-MAY-2009 23:09:18	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37916	No
181	GOM_NL__2PRFIN20090531_231430_000000342079_00288_37917_9660.N1	31-MAY-2009 23:14:30	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37917	No
182	GOM_NL__2PRFIN20090531_232946_000000362079_00288_37917_9661.N1	31-MAY-2009 23:29:46	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37917	No
183	GOM_NL__2PRFIN20090531_233128_000000372079_00288_37917_9662.N1	31-MAY-2009 23:31:28	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37917	No
184	GOM_NL__2PRFIN20090531_233751_000000332079_00288_37917_9663.N1	31-MAY-2009 23:37:51	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37917	No
185	GOM_NL__2PRFIN20090531_233943_000000302079_00288_37917_9664.N1	31-MAY-2009 23:39:43	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37917	No
186	GOM_NL__2PRFIN20090531_235004_000000322079_00288_37917_9665.N1	31-MAY-2009 23:50:04	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37917	No
187	GOM_NL__2PRFIN20090531_235330_000000332079_00288_37917_9666.N1	31-MAY-2009 23:53:30	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37917	No

3. Quality information per product

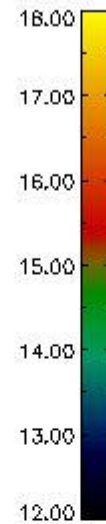
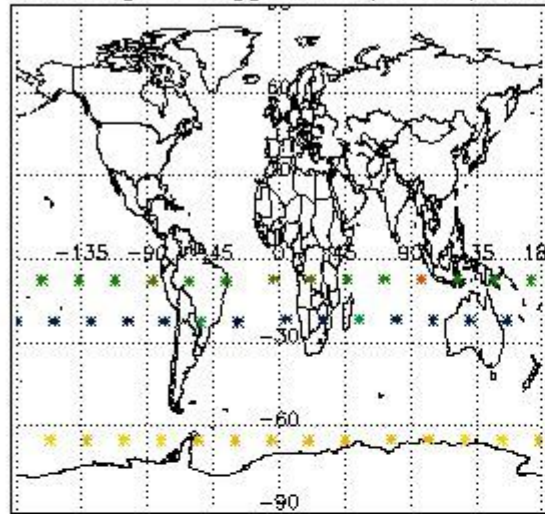
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

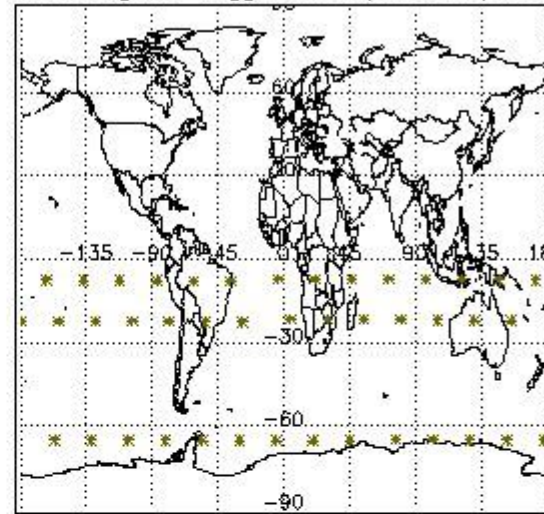


3.2 Plot quality information per product (world map)

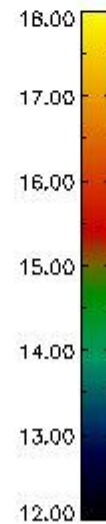
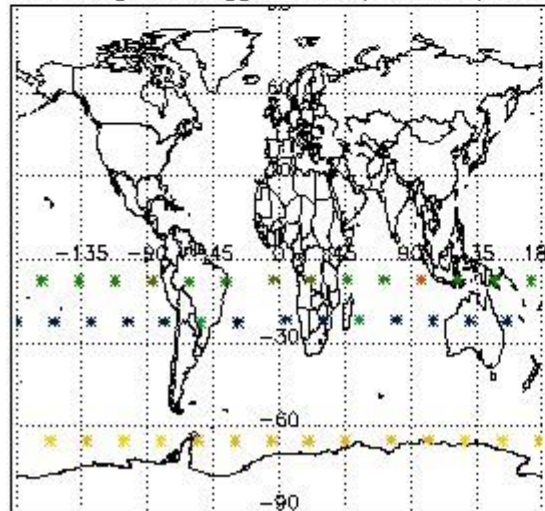
Percentage of flagged data per O3 profile



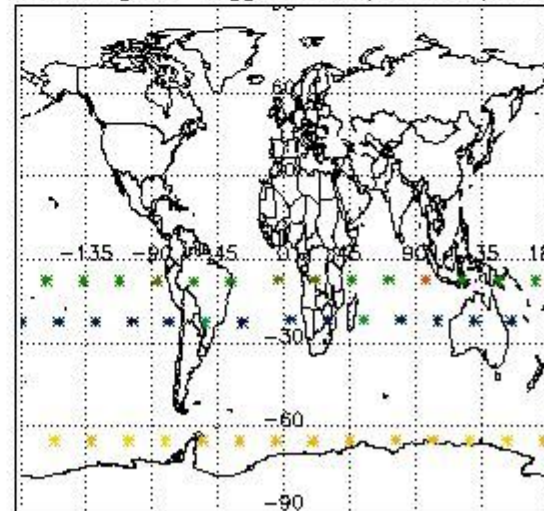
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

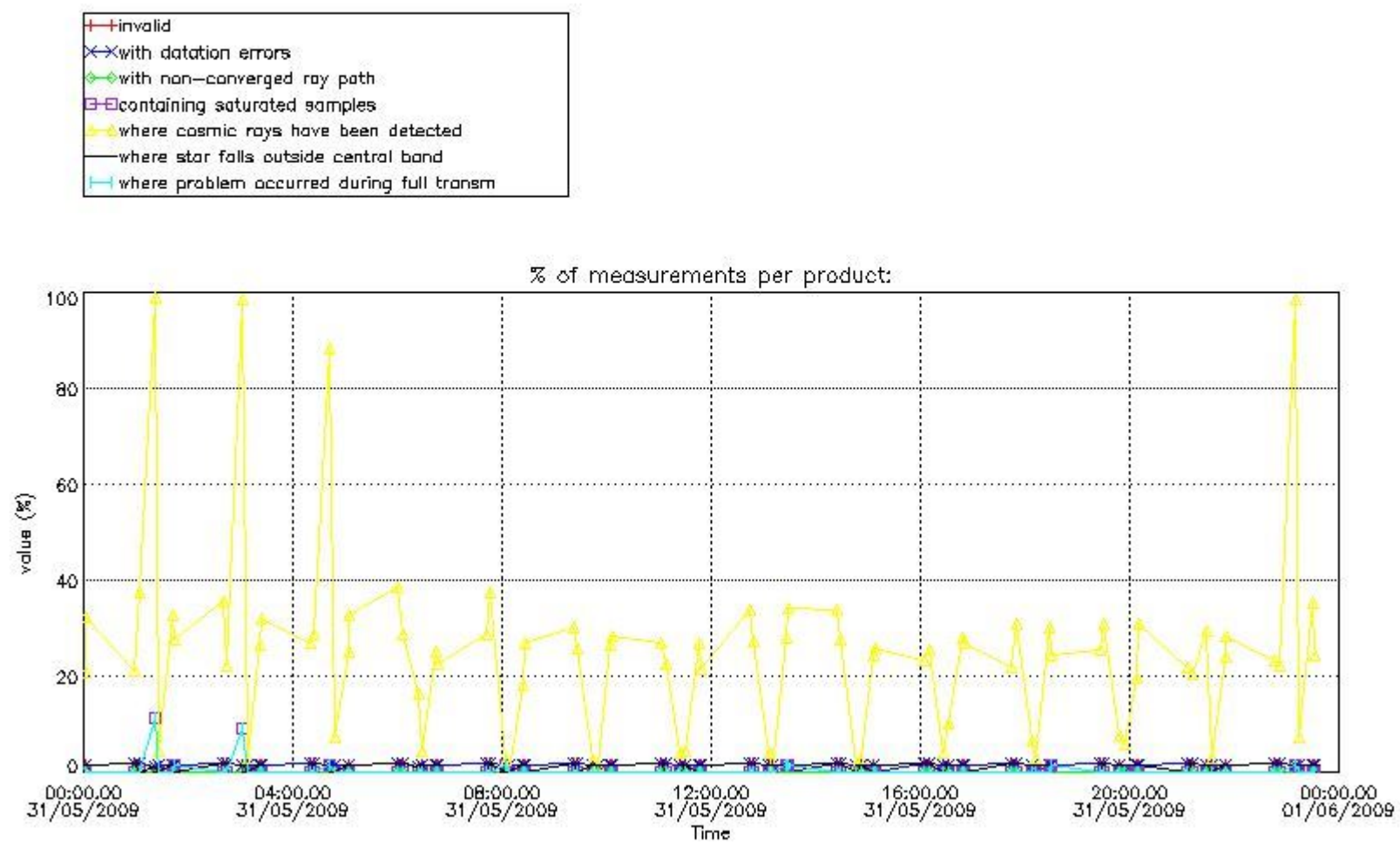


4. Level 1 quality information per product

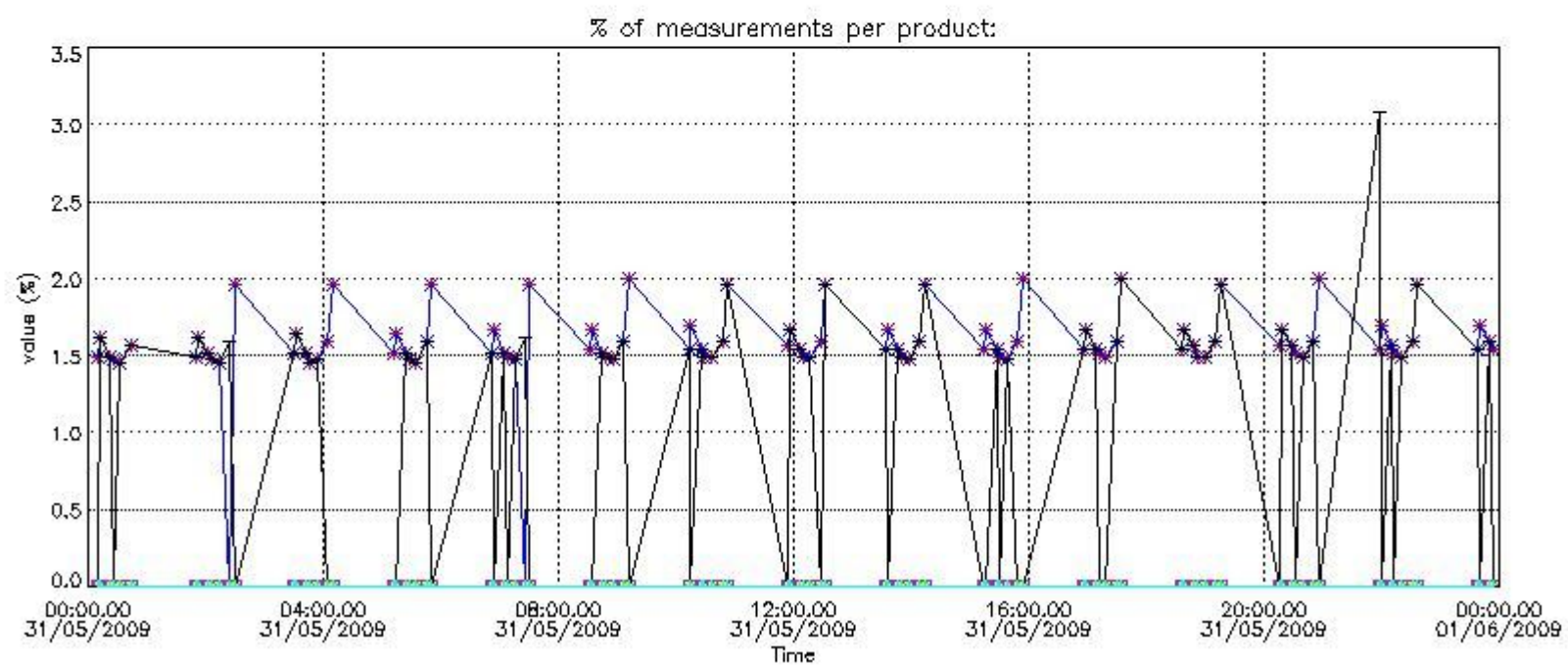
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



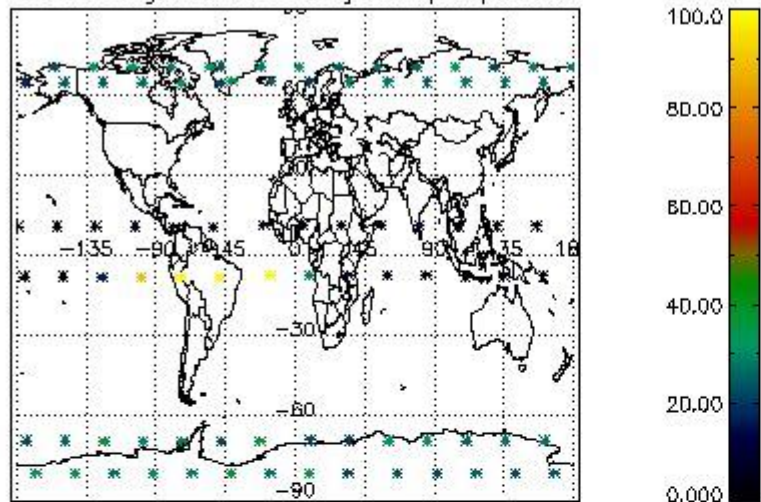
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



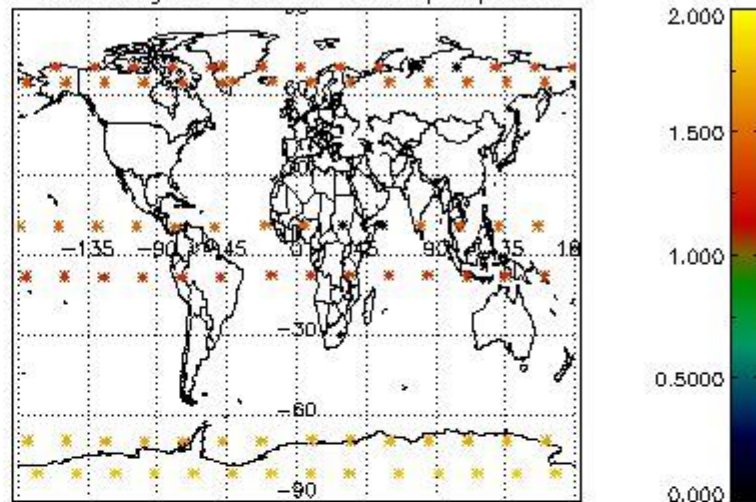
4.2 Plot quality information per product coming from level 1b processing (world map)

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

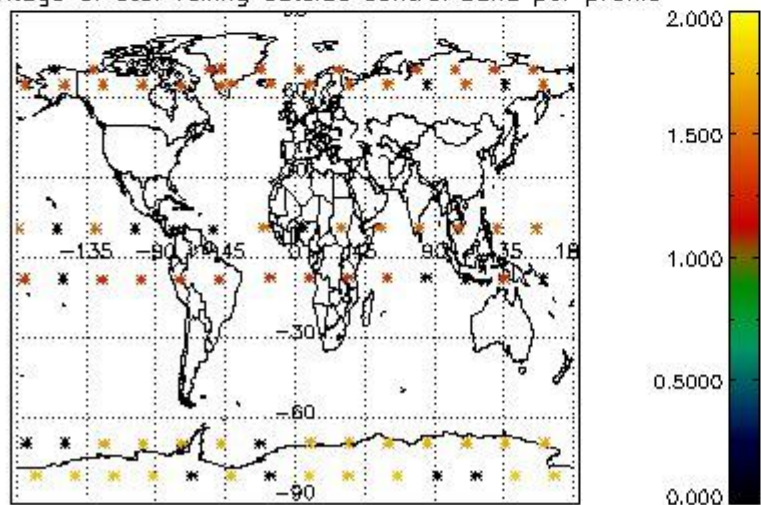
Percentage of cosmic ray hits per profile



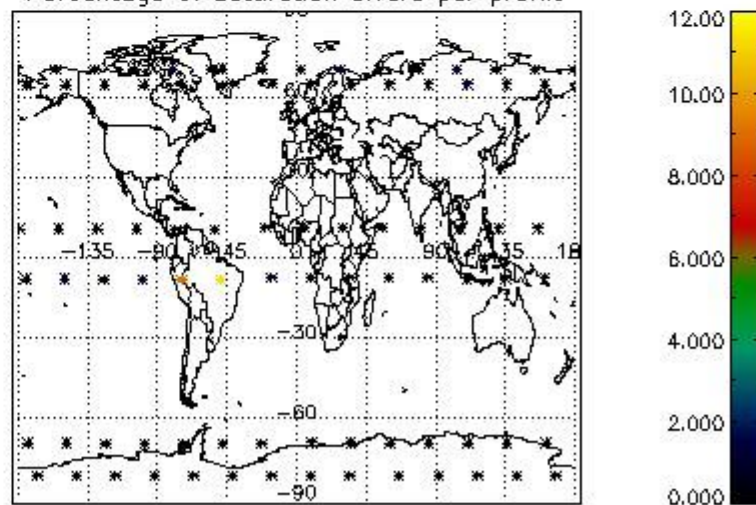
Percentage of datation errors per profile



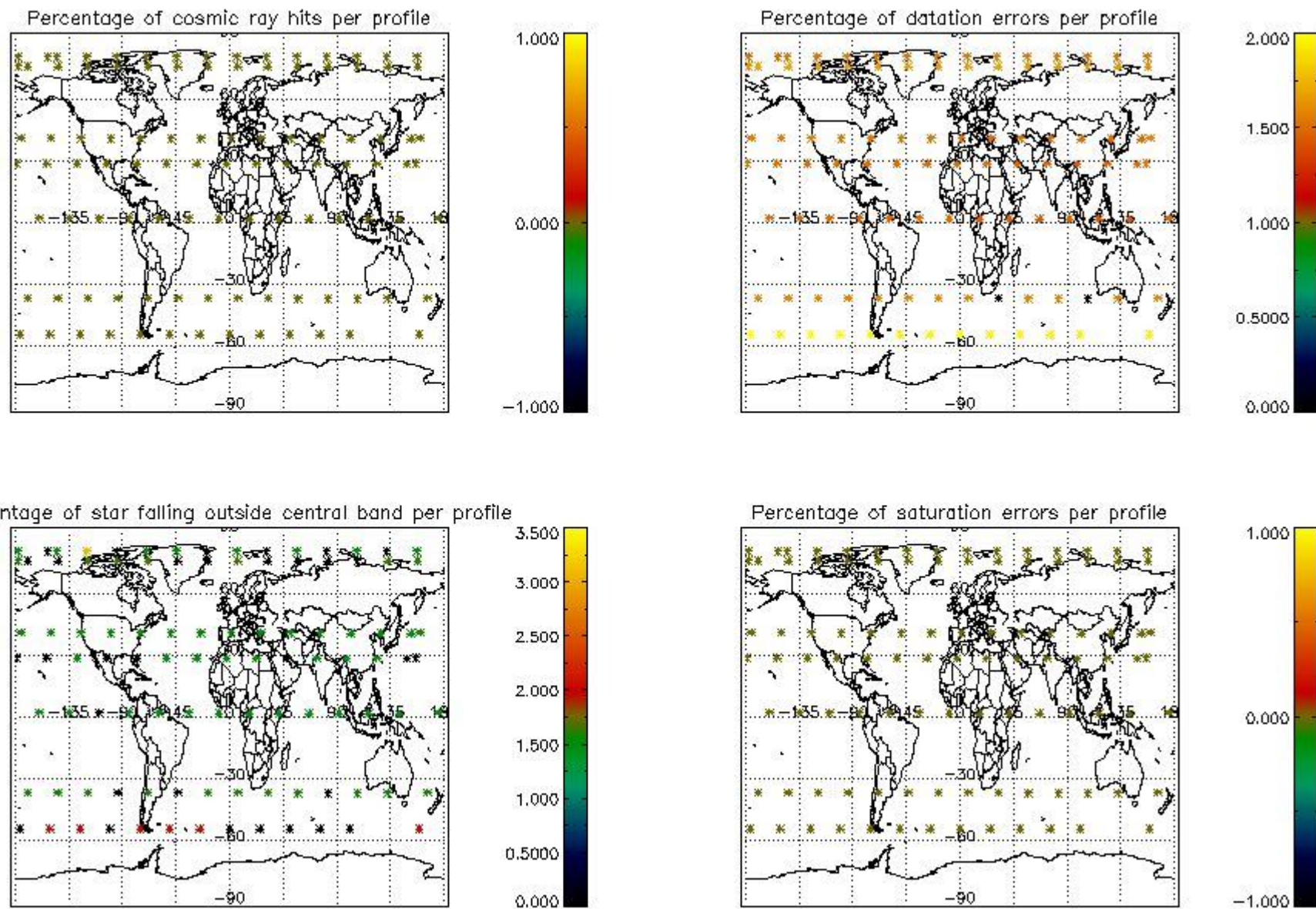
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

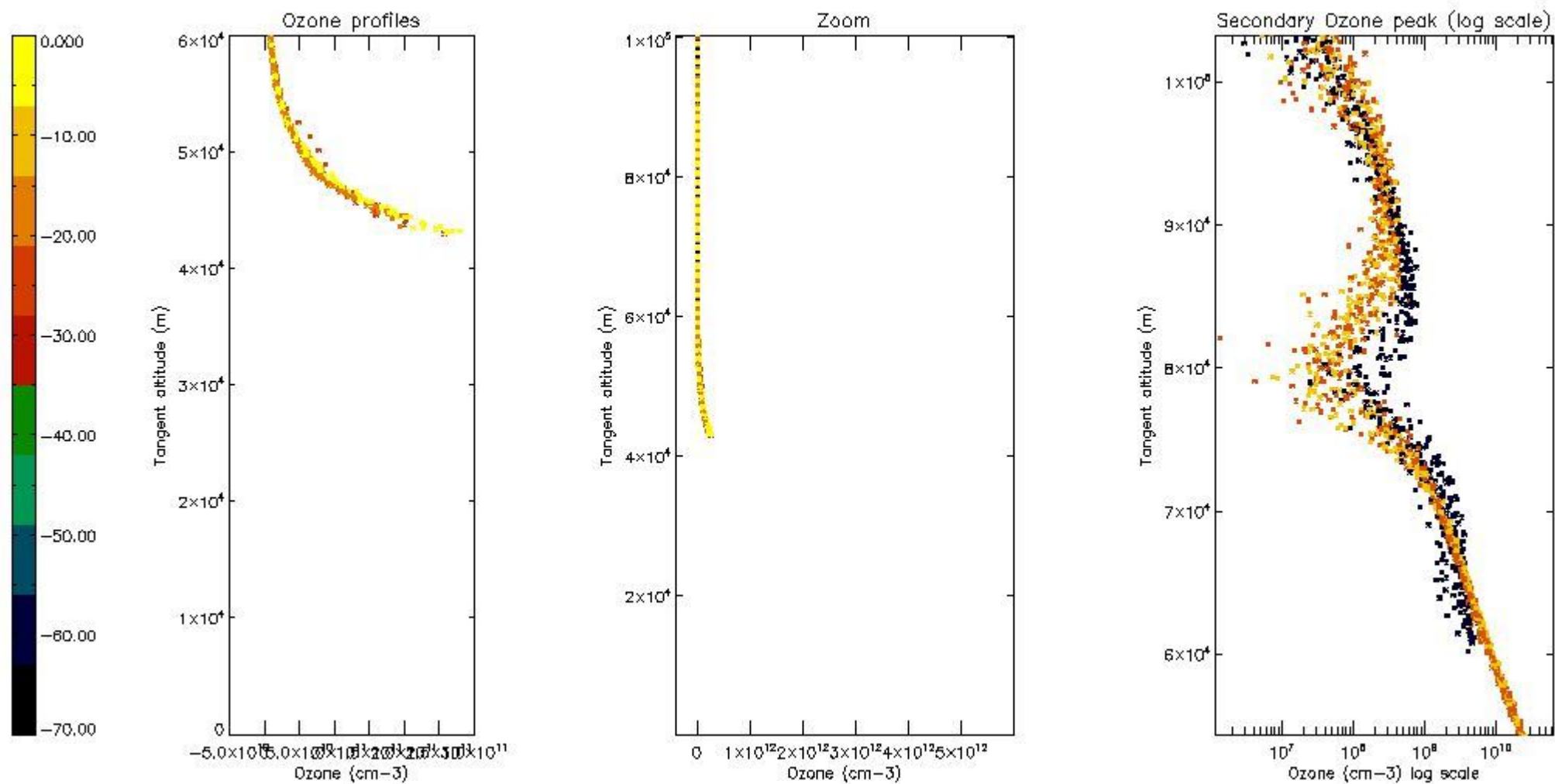
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	9
STD < 5	7

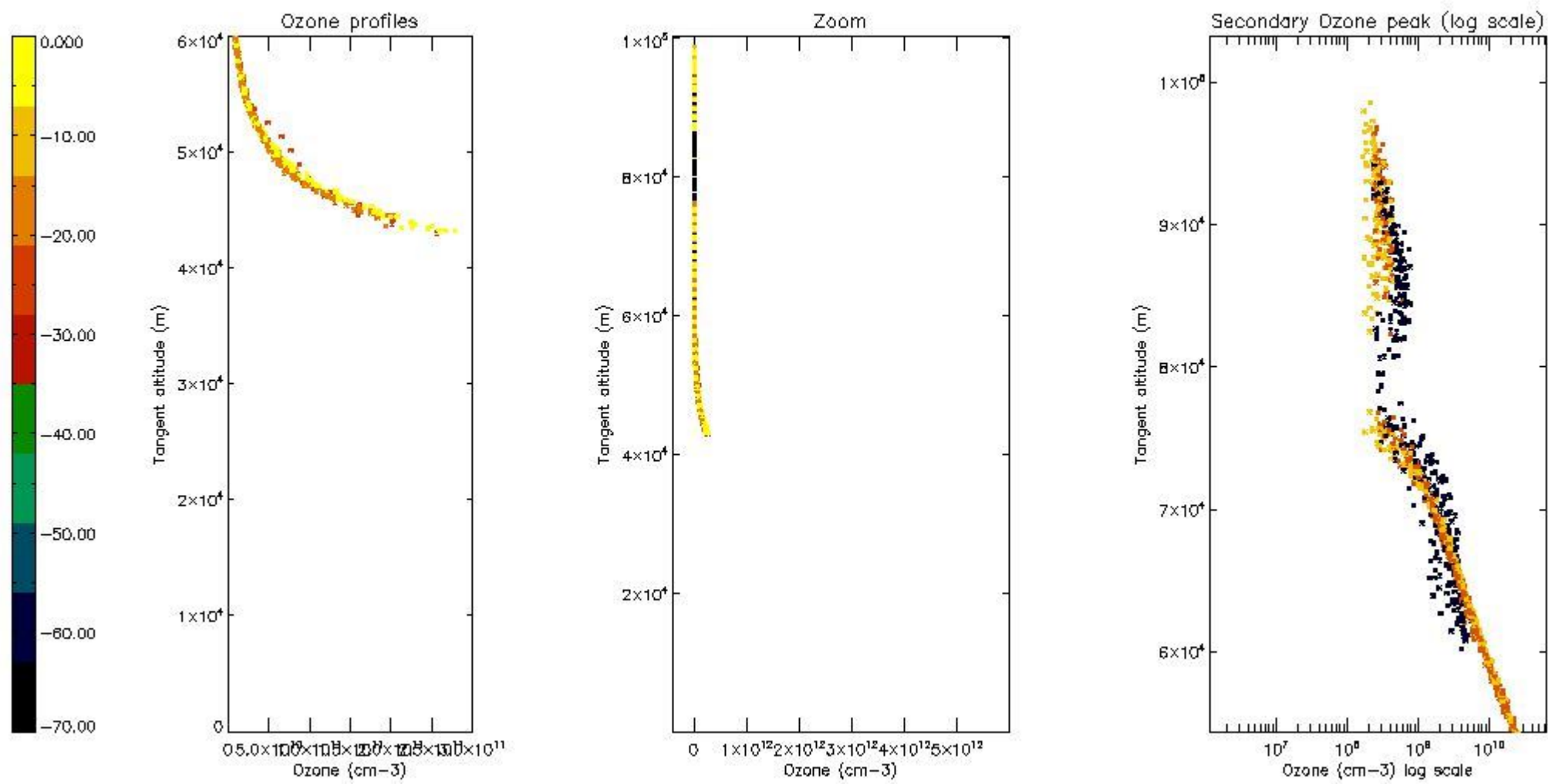
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



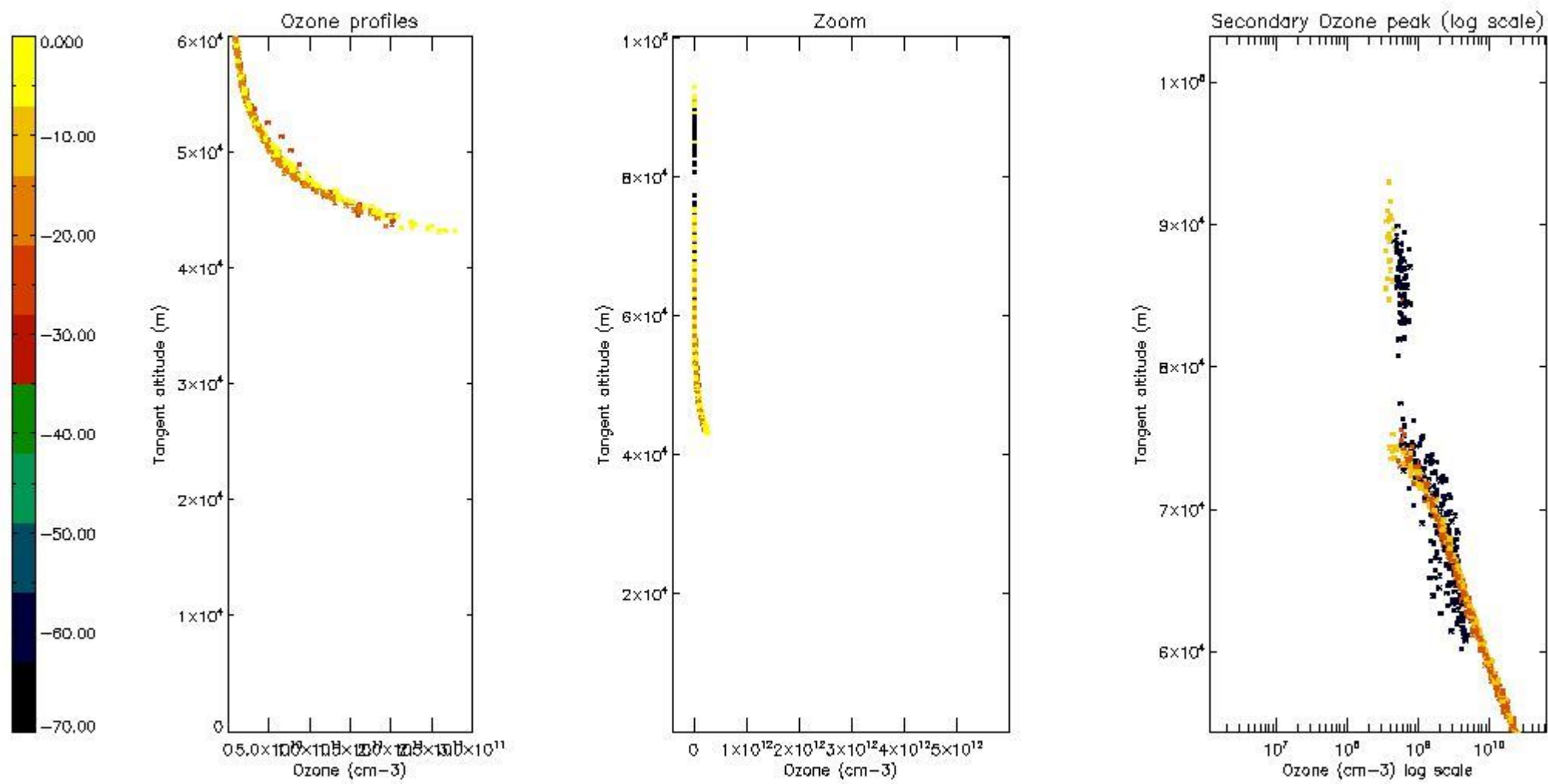
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



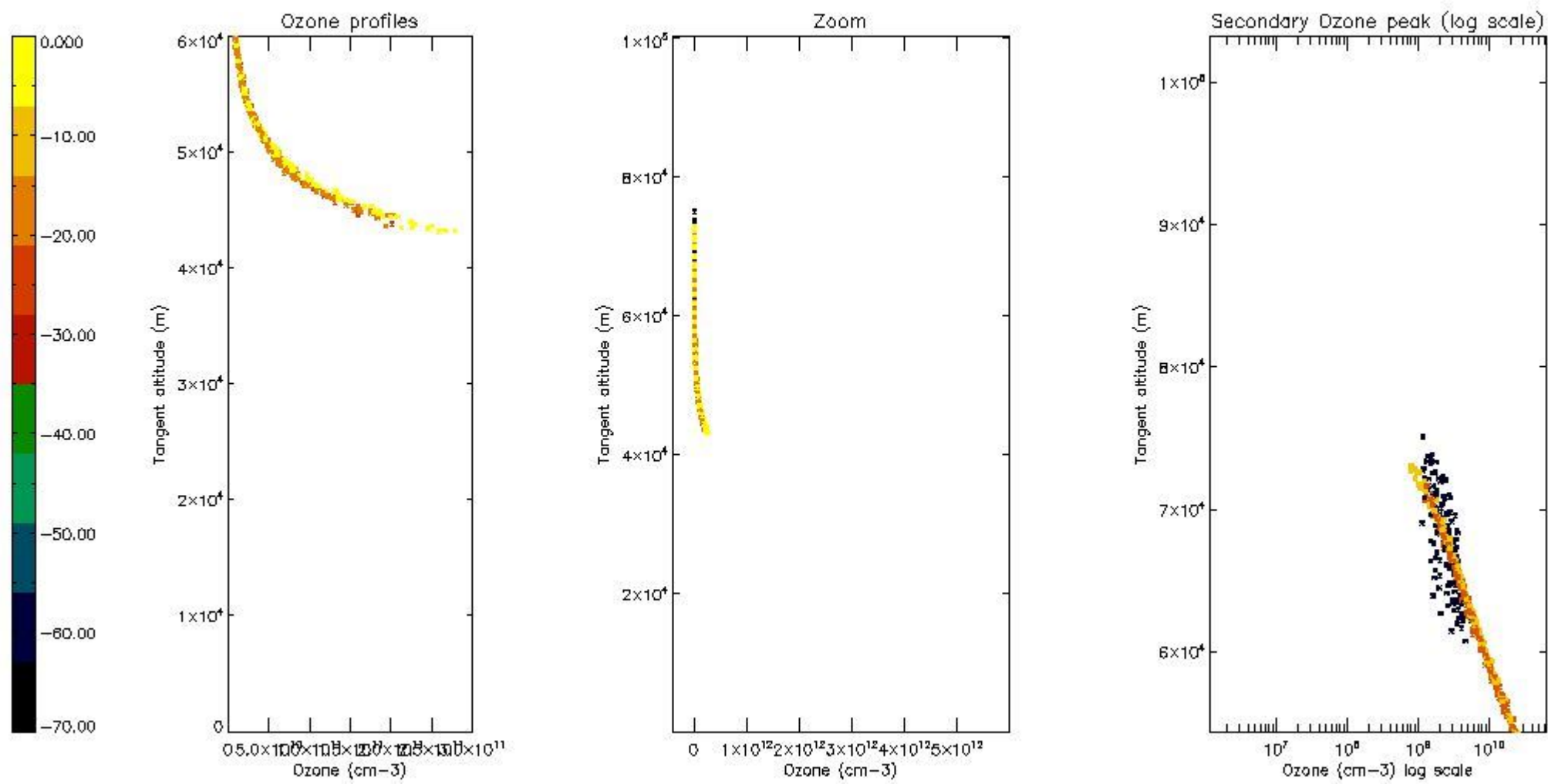
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



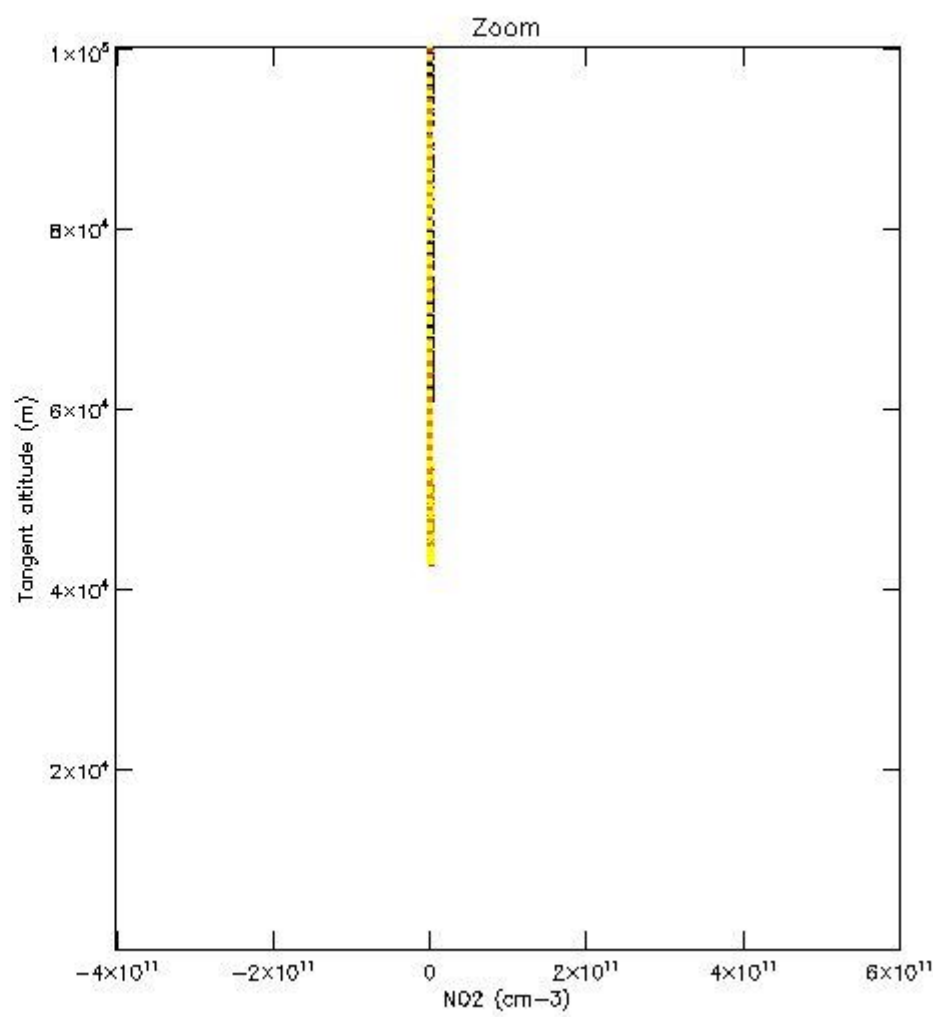
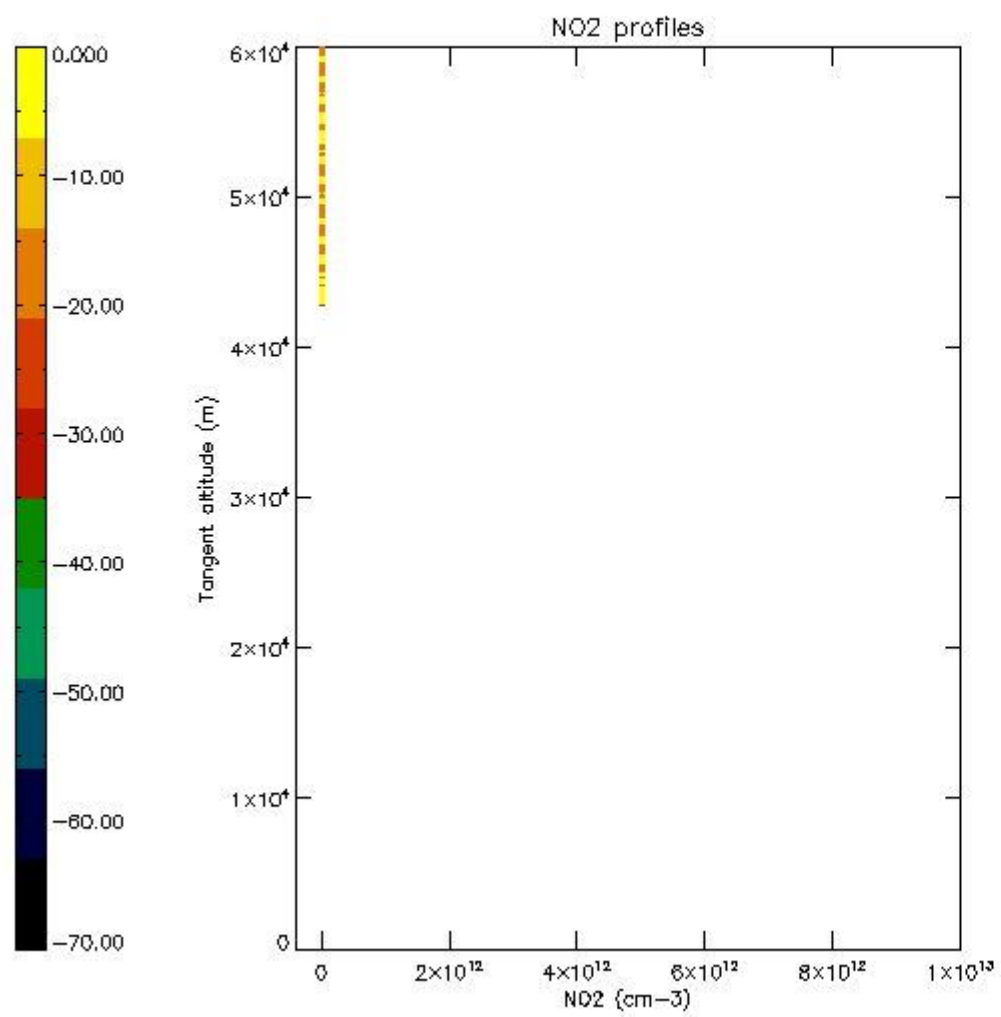
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



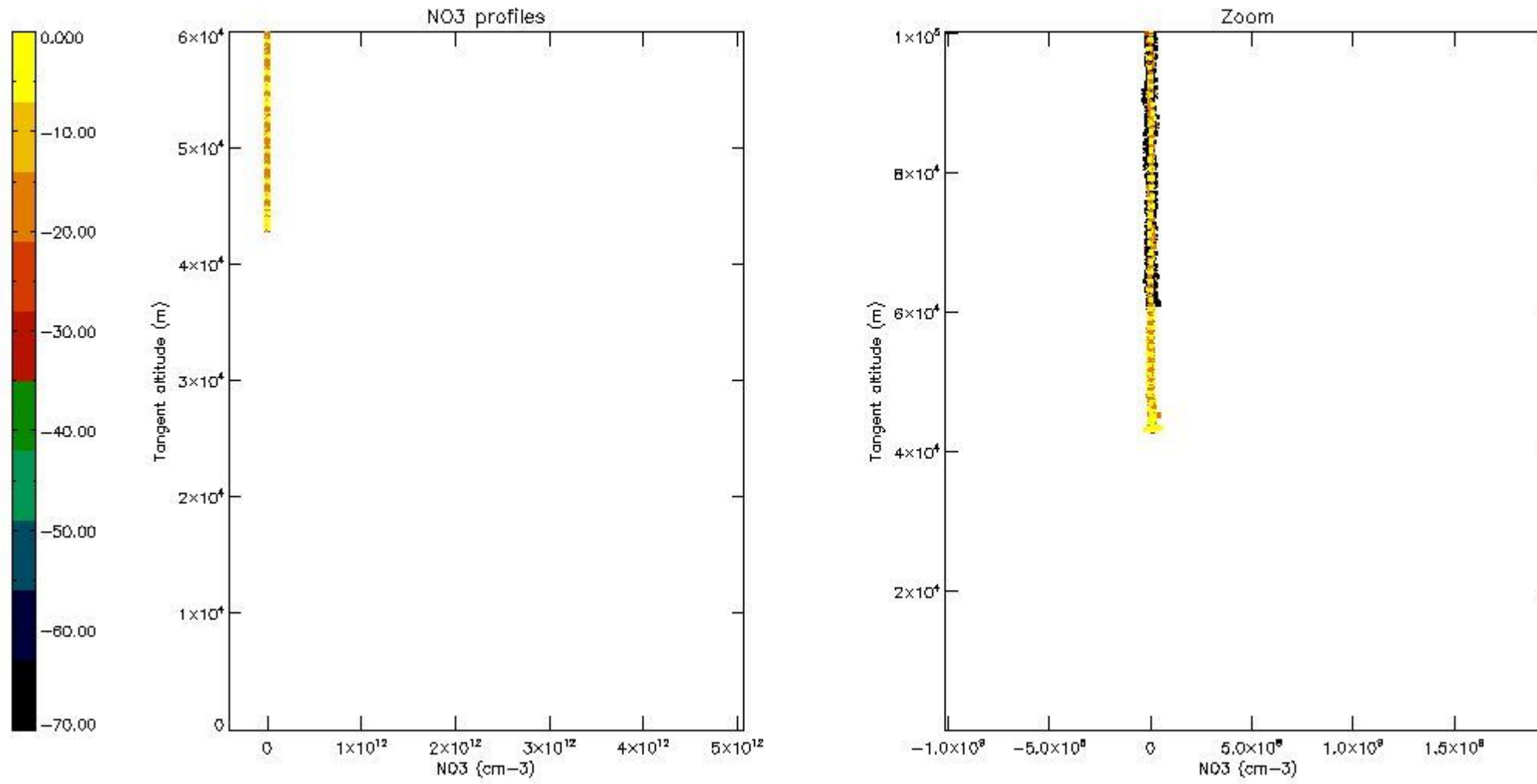
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	31-MAY-2009 00:01:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-MAY-2009 00:01:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-MAY-2009 00:01:14

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](#)

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

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[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	26APR2013 09:52:39
Data source version	GOMOS/6.01
Start time of products	31-05-2009 (31MAY2009 00:00:00)
Stop time of products	01-06-2009 (01JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	187
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__2PRFIN20090531_000114_000000372079_00274_37903_9430.N1	31-MAY-2009 00:01:14	Twilight	36.500	38	20Eps Sgr	1.8360	11000.	73	37903	No
2	GOM_NL__2PRFIN20090531_000257_000000392079_00274_37903_9431.N1	31-MAY-2009 00:02:57	Twilight	38.500	116	19Del Sgr	2.7000	4100.0	77	37903	No
3	GOM_NL__2PRFIN20090531_000927_000000342079_00274_37903_9432.N1	31-MAY-2009 00:09:27	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37903	No
4	GOM_NL__2PRFIN20090531_001119_000000312079_00274_37903_9433.N1	31-MAY-2009 00:11:19	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37903	No
5	GOM_NL__2PRFIN20090531_002145_000000342079_00274_37903_9434.N1	31-MAY-2009 00:21:45	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	37903	No
6	GOM_NL__2PRFIN20090531_002513_000000342079_00274_37903_9435.N1	31-MAY-2009 00:25:13	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	37903	No
7	GOM_NL__2PRFIN20090531_003244_000000352079_00274_37903_9436.N1	31-MAY-2009 00:32:44	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37903	No
8	GOM_NL__2PRFIN20090531_004335_000000322079_00274_37903_9437.N1	31-MAY-2009 00:43:35	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37903	No
9	GOM_NL__2PRFIN20090531_005851_000000292079_00274_37903_9438.N1	31-MAY-2009 00:58:51	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37903	No
10	GOM_NL__2PRFIN20090531_010343_000000302079_00274_37903_9439.N1	31-MAY-2009 01:03:43	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37903	No
11	GOM_NL__2PRFIN20090531_012115_000000402079_00274_37903_9440.N1	31-MAY-2009 01:21:15	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37903	No
12	GOM_NL__2PRFIN20090531_012631_000000352079_00275_37904_9443.N1	31-MAY-2009 01:26:31	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37904	No
13	GOM_NL__2PRFIN20090531_014151_000000372079_00275_37904_9444.N1	31-MAY-2009 01:41:51	Twilight	36.500	38	20Eps Sgr	1.8360	11000.	73	37904	No
14	GOM_NL__2PRFIN20090531_014334_000000382079_00275_37904_9445.N1	31-MAY-2009 01:43:34	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	37904	No
15	GOM_NL__2PRFIN20090531_015003_000000342079_00275_37904_9446.N1	31-MAY-2009 01:50:03	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37904	No
16	GOM_NL__2PRFIN20090531_015155_000000312079_00275_37904_9447.N1	31-MAY-2009 01:51:55	Bright	31.000	98	13Zet Oph	2.5710	30000.	62	37904	No
17	GOM_NL__2PRFIN20090531_020221_000000332079_00275_37904_9448.N1	31-MAY-2009 02:02:21	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37904	No
18	GOM_NL__2PRFIN20090531_020549_000000342079_00275_37904_9449.N1	31-MAY-2009 02:05:49	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	37904	No
19	GOM_NL__2PRFIN20090531_021319_000000352079_00275_37904_9450.N1	31-MAY-2009 02:13:19	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37904	No
20	GOM_NL__2PRFIN20090531_022410_000000322079_00275_37904_9451.N1	31-MAY-2009 02:24:10	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37904	No
21	GOM_NL__2PRFIN20090531_022909_000000262079_00275_37904_9452.N1	31-MAY-2009 02:29:09	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37904	No
22	GOM_NL__2PRFIN20090531_023927_000000282079_00275_37904_9453.N1	31-MAY-2009 02:39:27	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37904	No
23	GOM_NL__2PRFIN20090531_024420_000000302079_00275_37904_9454.N1	31-MAY-2009 02:44:20	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37904	No
24	GOM_NL__2PRFIN20090531_030152_000000392079_00275_37904_9455.N1	31-MAY-2009 03:01:52	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37904	No
25	GOM_NL__2PRFIN20090531_030708_000000352079_00276_37905_9457.N1	31-MAY-2009 03:07:08	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37905	No
26	GOM_NL__2PRFIN20090531_032228_000000362079_00276_37905_9458.N1	31-MAY-2009 03:22:28	Twilight	36.000	38	20Eps Sgr	1.8360	11000.	72	37905	No
27	GOM_NL__2PRFIN20090531_032410_000000382079_00276_37905_9459.N1	31-MAY-2009 03:24:10	Twilight	37.500	116	19Del Sgr	2.7000	4100.0	75	37905	No
28	GOM_NL__2PRFIN20090531_033039_000000332079_00276_37905_9460.N1	31-MAY-2009 03:30:39	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37905	No
29	GOM_NL__2PRFIN20090531_033232_000000312079_00276_37905_9461.N1	31-MAY-2009 03:32:32	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37905	No
30	GOM_NL__2PRFIN20090531_034257_000000332079_00276_37905_9462.N1	31-MAY-2009 03:42:57	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37905	No
31	GOM_NL__2PRFIN20090531_034624_000000352079_00276_37905_9463.N1	31-MAY-2009 03:46:24	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	37905	No
32	GOM_NL__2PRFIN20090531_035354_000000342079_00276_37905_9464.N1	31-MAY-2009 03:53:54	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37905	No
33	GOM_NL__2PRFIN20090531_040445_000000322079_00276_37905_9465.N1	31-MAY-2009 04:04:45	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37905	No
34	GOM_NL__2PRFIN20090531_040945_000000262079_00276_37905_9466.N1	31-MAY-2009 04:09:45	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37905	No
35	GOM_NL__2PRFIN20090531_042003_000000282079_00276_37905_9467.N1	31-MAY-2009 04:20:03	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37905	No
36	GOM_NL__2PRFIN20090531_042456_000000302079_00276_37905_9468.N1	31-MAY-2009 04:24:56	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37905	No
37	GOM_NL__2PRFIN20090531_044229_000000392079_00276_37905_9469.N1	31-MAY-2009 04:42:29	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37905	No
38	GOM_NL__2PRFIN20090531_044745_000000342079_00277_37906_9471.N1	31-MAY-2009 04:47:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37906	No
39	GOM_NL__2PRFIN20090531_050304_000000362079_00277_37906_9472.N1	31-MAY-2009 05:03:04	Twilight	36.000	38	20Eps Sgr	1.8360	11000.	72	37906	No
40	GOM_NL__2PRFIN20090531_050446_000000382079_00277_37906_9473.N1	31-MAY-2009 05:04:46	Twilight	38.000	116	19Del Sgr	2.7000	4100.0	76	37906	No
41	GOM_NL__2PRFIN20090531_051115_000000332079_00277_37906_9474.N1	31-MAY-2009 05:11:15	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37906	No
42	GOM_NL__2PRFIN20090531_051307_000000312079_00277_37906_9475.N1	31-MAY-2009 05:13:07	Bright	30.500	98	13Zet Oph	2.5710	30000.	61	37906	No

43	GOM_NL__2PRFIN20090531_052332_000000332079_00277_37906_9476.N1	31-MAY-2009 05:23:32	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37906	No
44	GOM_NL__2PRFIN20090531_052700_000000342079_00277_37906_9477.N1	31-MAY-2009 05:27:00	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	37906	No
45	GOM_NL__2PRFIN20090531_053429_000000352079_00277_37906_9478.N1	31-MAY-2009 05:34:29	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	37906	No
46	GOM_NL__2PRFIN20090531_054521_000000322079_00277_37906_9479.N1	31-MAY-2009 05:45:21	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37906	No
47	GOM_NL__2PRFIN20090531_055021_000000262079_00277_37906_9480.N1	31-MAY-2009 05:50:21	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37906	No
48	GOM_NL__2PRFIN20090531_060039_000000292079_00277_37906_9481.N1	31-MAY-2009 06:00:39	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37906	No
49	GOM_NL__2PRFIN20090531_060533_000000302079_00277_37906_9482.N1	31-MAY-2009 06:05:33	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37906	No
50	GOM_NL__2PRFIN20090531_062306_000000402079_00277_37906_9483.N1	31-MAY-2009 06:23:06	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37906	No
51	GOM_NL__2PRFIN20090531_062821_000000352079_00278_37907_9485.N1	31-MAY-2009 06:28:21	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37907	No
52	GOM_NL__2PRFIN20090531_064341_000000362079_00278_37907_9486.N1	31-MAY-2009 06:43:41	Tw_i_and_stray	36.000	38	20Eps Sgr	1.8360	11000.	72	37907	No
53	GOM_NL__2PRFIN20090531_064523_000000382079_00278_37907_9487.N1	31-MAY-2009 06:45:23	Tw_i_and_stray	37.500	116	19Del Sgr	2.7000	4100.0	75	37907	No
54	GOM_NL__2PRFIN20090531_065151_000000332079_00278_37907_9488.N1	31-MAY-2009 06:51:51	Bright	33.000	86	35Eta Oph	2.4300	10200.	66	37907	No
55	GOM_NL__2PRFIN20090531_065344_000000302079_00278_37907_9489.N1	31-MAY-2009 06:53:44	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37907	No
56	GOM_NL__2PRFIN20090531_070408_000000332079_00278_37907_9490.N1	31-MAY-2009 07:04:08	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37907	No
57	GOM_NL__2PRFIN20090531_070735_000000342079_00278_37907_9491.N1	31-MAY-2009 07:07:35	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37907	No
58	GOM_NL__2PRFIN20090531_071505_000000342079_00278_37907_9492.N1	31-MAY-2009 07:15:05	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37907	No
59	GOM_NL__2PRFIN20090531_072556_000000312079_00278_37907_9493.N1	31-MAY-2009 07:25:56	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37907	No
60	GOM_NL__2PRFIN20090531_073057_000000262079_00278_37907_9494.N1	31-MAY-2009 07:30:57	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37907	No
61	GOM_NL__2PRFIN20090531_074115_000000282079_00278_37907_9495.N1	31-MAY-2009 07:41:15	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37907	No
62	GOM_NL__2PRFIN20090531_074609_000000302079_00278_37907_9496.N1	31-MAY-2009 07:46:09	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37907	No
63	GOM_NL__2PRFIN20090531_080343_000000392079_00278_37907_9497.N1	31-MAY-2009 08:03:43	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37907	No
64	GOM_NL__2PRFIN20090531_080858_000000352079_00279_37908_9499.N1	31-MAY-2009 08:08:58	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37908	No
65	GOM_NL__2PRFIN20090531_082417_000000362079_00279_37908_9500.N1	31-MAY-2009 08:24:17	Tw_i_and_stray	36.000	38	20Eps Sgr	1.8360	11000.	72	37908	No
66	GOM_NL__2PRFIN20090531_082600_000000372079_00279_37908_9501.N1	31-MAY-2009 08:26:00	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37908	No
67	GOM_NL__2PRFIN20090531_083228_000000332079_00279_37908_9502.N1	31-MAY-2009 08:32:28	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37908	No
68	GOM_NL__2PRFIN20090531_083420_000000302079_00279_37908_9503.N1	31-MAY-2009 08:34:20	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37908	No
69	GOM_NL__2PRFIN20090531_084443_000000332079_00279_37908_9504.N1	31-MAY-2009 08:44:43	Bright	33.000	127	27Bet Her	2.7810	4700.0	66	37908	No
70	GOM_NL__2PRFIN20090531_084811_000000342079_00279_37908_9505.N1	31-MAY-2009 08:48:11	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37908	No
71	GOM_NL__2PRFIN20090531_085540_000000342079_00279_37908_9506.N1	31-MAY-2009 08:55:40	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37908	No
72	GOM_NL__2PRFIN20090531_090632_000000322079_00279_37908_9507.N1	31-MAY-2009 09:06:32	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37908	No
73	GOM_NL__2PRFIN20090531_091133_000000252079_00279_37908_9508.N1	31-MAY-2009 09:11:33	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37908	No
74	GOM_NL__2PRFIN20090531_092151_000000282079_00279_37908_9509.N1	31-MAY-2009 09:21:51	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37908	No
75	GOM_NL__2PRFIN20090531_092646_000000292079_00279_37908_9510.N1	31-MAY-2009 09:26:46	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37908	No
76	GOM_NL__2PRFIN20090531_094421_000000392079_00279_37908_9511.N1	31-MAY-2009 09:44:21	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37908	No
77	GOM_NL__2PRFIN20090531_094935_000000352079_00280_37909_9533.N1	31-MAY-2009 09:49:35	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37909	No
78	GOM_NL__2PRFIN20090531_100454_000000362079_00280_37909_9534.N1	31-MAY-2009 10:04:54	Tw_i_and_stray	36.000	38	20Eps Sgr	1.8360	11000.	72	37909	No
79	GOM_NL__2PRFIN20090531_100636_000000372079_00280_37909_9535.N1	31-MAY-2009 10:06:36	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37909	No
80	GOM_NL__2PRFIN20090531_101304_000000332079_00280_37909_9536.N1	31-MAY-2009 10:13:04	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37909	No
81	GOM_NL__2PRFIN20090531_101456_000000302079_00280_37909_9537.N1	31-MAY-2009 10:14:56	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37909	No
82	GOM_NL__2PRFIN20090531_102519_000000332079_00280_37909_9538.N1	31-MAY-2009 10:25:19	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37909	No
83	GOM_NL__2PRFIN20090531_102846_000000342079_00280_37909_9539.N1	31-MAY-2009 10:28:46	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37909	No
84	GOM_NL__2PRFIN20090531_103616_000000342079_00280_37909_9540.N1	31-MAY-2009 10:36:16	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37909	No
85	GOM_NL__2PRFIN20090531_104707_000000322079_00280_37909_9541.N1	31-MAY-2009 10:47:07	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37909	No
86	GOM_NL__2PRFIN20090531_105208_000000262079_00280_37909_9542.N1	31-MAY-2009 10:52:08	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37909	No
87	GOM_NL__2PRFIN20090531_110227_000000282079_00280_37909_9543.N1	31-MAY-2009 11:02:27	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37909	No
88	GOM_NL__2PRFIN20090531_110722_000000292079_00280_37909_9544.N1	31-MAY-2009 11:07:22	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37909	No
89	GOM_NL__2PRFIN20090531_112458_000000392079_00280_37909_9545.N1	31-MAY-2009 11:24:58	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37909	No
90	GOM_NL__2PRFIN20090531_113012_000000352079_00281_37910_9547.N1	31-MAY-2009 11:30:12	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37910	No
91	GOM_NL__2PRFIN20090531_114530_000000362079_00281_37910_9548.N1	31-MAY-2009 11:45:30	Tw_i_and_stray	35.500	38	20Eps Sgr	1.8360	11000.	71	37910	No
92	GOM_NL__2PRFIN20090531_114712_000000382079_00281_37910_9549.N1	31-MAY-2009 11:47:12	Tw_i_and_stray	37.500	116	19Del Sgr	2.7000	4100.0	75	37910	No
93	GOM_NL__2PRFIN20090531_115340_000000322079_00281_37910_9550.N1	31-MAY-2009 11:53:40	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37910	No
94	GOM_NL__2PRFIN20090531_115532_000000302079_00281_37910_9551.N1	31-MAY-2009 11:55:32	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37910	No
95	GOM_NL__2PRFIN20090531_120554_000000332079_00281_37910_9552.N1	31-MAY-2009 12:05:54	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37910	No
96	GOM_NL__2PRFIN20090531_120921_000000342079_00281_37910_9553.N1	31-MAY-2009 12:09:21	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37910	No
97	GOM_NL__2PRFIN20090531_121651_000000342079_00281_37910_9554.N1	31-MAY-2009 12:16:51	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37910	No
98	GOM_NL__2PRFIN20090531_122742_000000322079_00281_37910_9555.N1	31-MAY-2009 12:27:42	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37910	No
99	GOM_NL__2PRFIN20090531_123244_000000262079_00281_37910_9556.N1	31-MAY-2009 12:32:44	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37910	No
100	GOM_NL__2PRFIN20090531_124304_000000282079_00281_37910_9557.N1	31-MAY-2009 12:43:04	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37910	No
101	GOM_NL__2PRFIN20090531_124758_000000302079_00281_37910_9558.N1	31-MAY-2009 12:47:58	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37910	No

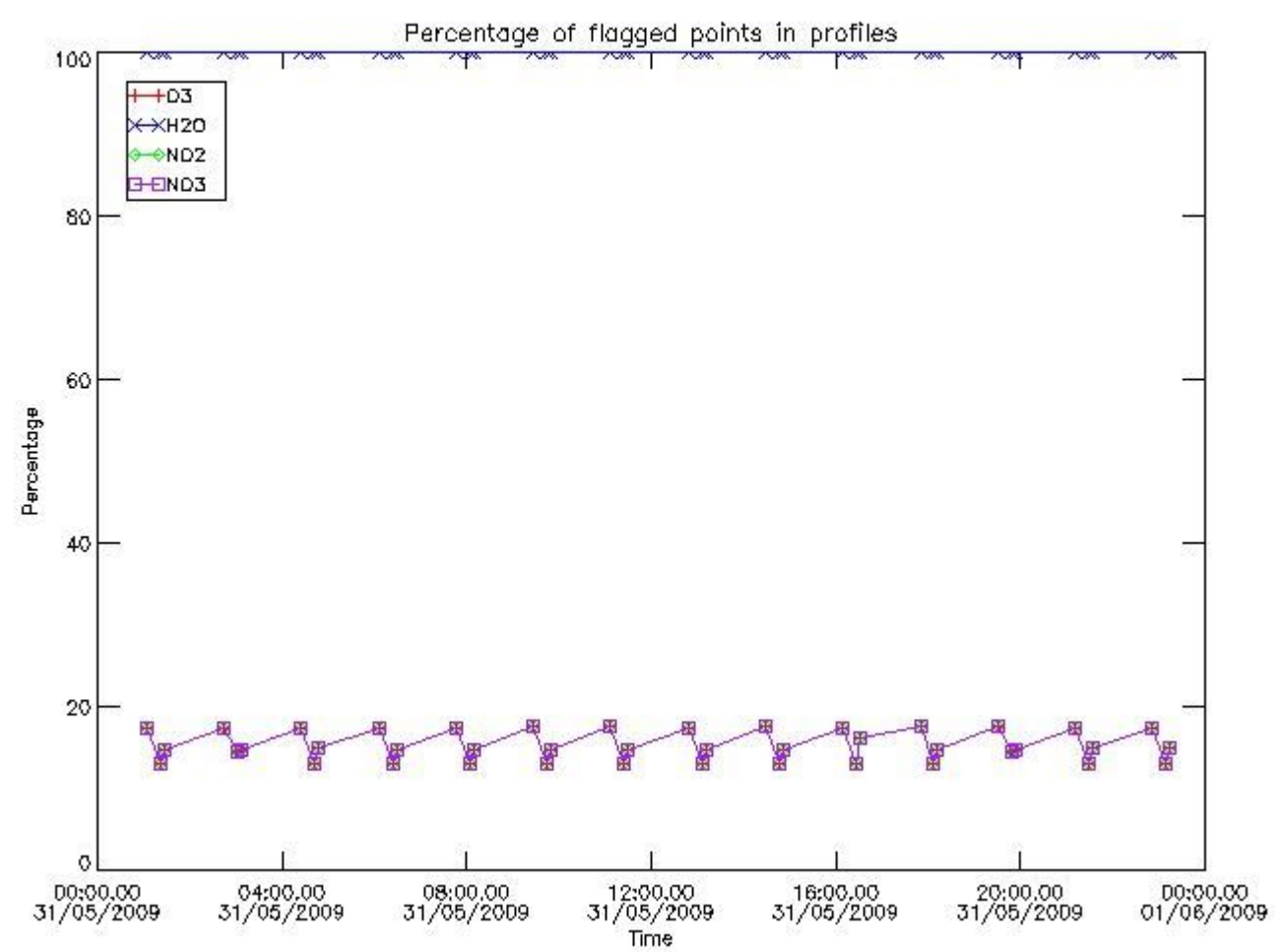
102	GOM_NL__2PRFIN20090531_130535_000000392079_00281_37910_9559.N1	31-MAY-2009 13:05:35	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37910	No
103	GOM_NL__2PRFIN20090531_131049_000000352079_00282_37911_9562.N1	31-MAY-2009 13:10:49	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37911	No
104	GOM_NL__2PRFIN20090531_132607_000000362079_00282_37911_9563.N1	31-MAY-2009 13:26:07	Tw_i_and_stray	35.500	38	20Eps Sgr	1.8360	11000.	71	37911	No
105	GOM_NL__2PRFIN20090531_132749_000000372079_00282_37911_9564.N1	31-MAY-2009 13:27:49	Tw_i_and_stray	36.500	116	19Del Sgr	2.7000	4100.0	73	37911	No
106	GOM_NL__2PRFIN20090531_133415_000000332079_00282_37911_9565.N1	31-MAY-2009 13:34:15	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37911	No
107	GOM_NL__2PRFIN20090531_133607_000000302079_00282_37911_9566.N1	31-MAY-2009 13:36:07	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37911	No
108	GOM_NL__2PRFIN20090531_134630_000000332079_00282_37911_9567.N1	31-MAY-2009 13:46:30	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37911	No
109	GOM_NL__2PRFIN20090531_134957_000000342079_00282_37911_9568.N1	31-MAY-2009 13:49:57	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37911	No
110	GOM_NL__2PRFIN20090531_135726_000000342079_00282_37911_9569.N1	31-MAY-2009 13:57:26	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37911	No
111	GOM_NL__2PRFIN20090531_140817_000000322079_00282_37911_9570.N1	31-MAY-2009 14:08:17	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37911	No
112	GOM_NL__2PRFIN20090531_141320_000000262079_00282_37911_9571.N1	31-MAY-2009 14:13:20	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37911	No
113	GOM_NL__2PRFIN20090531_142340_000000282079_00282_37911_9572.N1	31-MAY-2009 14:23:40	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37911	No
114	GOM_NL__2PRFIN20090531_142835_000000292079_00282_37911_9573.N1	31-MAY-2009 14:28:35	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37911	No
115	GOM_NL__2PRFIN20090531_144612_000000392079_00282_37911_9574.N1	31-MAY-2009 14:46:12	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37911	No
116	GOM_NL__2PRFIN20090531_145125_000000352079_00283_37912_9576.N1	31-MAY-2009 14:51:25	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37912	No
117	GOM_NL__2PRFIN20090531_150643_000000352079_00283_37912_9577.N1	31-MAY-2009 15:06:43	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37912	No
118	GOM_NL__2PRFIN20090531_150825_000000372079_00283_37912_9578.N1	31-MAY-2009 15:08:25	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37912	No
119	GOM_NL__2PRFIN20090531_151451_000000332079_00283_37912_9579.N1	31-MAY-2009 15:14:51	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37912	No
120	GOM_NL__2PRFIN20090531_151643_000000302079_00283_37912_9580.N1	31-MAY-2009 15:16:43	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37912	No
121	GOM_NL__2PRFIN20090531_152706_000000332079_00283_37912_9581.N1	31-MAY-2009 15:27:06	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37912	No
122	GOM_NL__2PRFIN20090531_153032_000000342079_00283_37912_9582.N1	31-MAY-2009 15:30:32	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37912	No
123	GOM_NL__2PRFIN20090531_153801_000000342079_00283_37912_9583.N1	31-MAY-2009 15:38:01	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	37912	No
124	GOM_NL__2PRFIN20090531_154853_000000322079_00283_37912_9584.N1	31-MAY-2009 15:48:53	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37912	No
125	GOM_NL__2PRFIN20090531_155356_000000252079_00283_37912_9585.N1	31-MAY-2009 15:53:56	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37912	No
126	GOM_NL__2PRFIN20090531_160416_000000282079_00283_37912_9586.N1	31-MAY-2009 16:04:16	Tw_i_and_stray	28.000	58	21Alp And	2.0730	11000.	56	37912	No
127	GOM_NL__2PRFIN20090531_160911_000000302079_00283_37912_9587.N1	31-MAY-2009 16:09:11	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37912	No
128	GOM_NL__2PRFIN20090531_162649_000000392079_00283_37912_9588.N1	31-MAY-2009 16:26:49	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37912	No
129	GOM_NL__2PRFIN20090531_163203_000000352079_00284_37913_9592.N1	31-MAY-2009 16:32:03	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37913	No
130	GOM_NL__2PRFIN20090531_164720_000000362079_00284_37913_9593.N1	31-MAY-2009 16:47:20	Tw_i_and_stray	35.500	38	20Eps Sgr	1.8360	11000.	71	37913	No
131	GOM_NL__2PRFIN20090531_164902_000000372079_00284_37913_9594.N1	31-MAY-2009 16:49:02	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37913	No
132	GOM_NL__2PRFIN20090531_165528_000000332079_00284_37913_9595.N1	31-MAY-2009 16:55:28	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37913	No
133	GOM_NL__2PRFIN20090531_165719_000000302079_00284_37913_9596.N1	31-MAY-2009 16:57:19	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37913	No
134	GOM_NL__2PRFIN20090531_170741_000000332079_00284_37913_9597.N1	31-MAY-2009 17:07:41	Bright	32.500	127	27Bet Her	2.7810	4700.0	65	37913	No
135	GOM_NL__2PRFIN20090531_171108_000000332079_00284_37913_9598.N1	31-MAY-2009 17:11:08	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37913	No
136	GOM_NL__2PRFIN20090531_171837_000000342079_00284_37913_9599.N1	31-MAY-2009 17:18:37	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37913	No
137	GOM_NL__2PRFIN20090531_172928_000000322079_00284_37913_9600.N1	31-MAY-2009 17:29:28	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37913	No
138	GOM_NL__2PRFIN20090531_173431_000000252079_00284_37913_9601.N1	31-MAY-2009 17:34:31	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37913	No
139	GOM_NL__2PRFIN20090531_174452_000000282079_00284_37913_9602.N1	31-MAY-2009 17:44:52	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37913	No
140	GOM_NL__2PRFIN20090531_174948_000000292079_00284_37913_9603.N1	31-MAY-2009 17:49:48	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37913	No
141	GOM_NL__2PRFIN20090531_180727_000000392079_00284_37913_9604.N1	31-MAY-2009 18:07:27	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37913	No
142	GOM_NL__2PRFIN20090531_181239_000000342079_00285_37914_9611.N1	31-MAY-2009 18:12:39	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37914	No
143	GOM_NL__2PRFIN20090531_182757_000000352079_00285_37914_9612.N1	31-MAY-2009 18:27:57	Tw_i_and_stray	35.000	38	20Eps Sgr	1.8360	11000.	70	37914	No
144	GOM_NL__2PRFIN20090531_182939_000000372079_00285_37914_9613.N1	31-MAY-2009 18:29:39	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37914	No
145	GOM_NL__2PRFIN20090531_183604_000000332079_00285_37914_9614.N1	31-MAY-2009 18:36:04	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37914	No
146	GOM_NL__2PRFIN20090531_183755_000000302079_00285_37914_9615.N1	31-MAY-2009 18:37:55	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37914	No
147	GOM_NL__2PRFIN20090531_184817_000000322079_00285_37914_9616.N1	31-MAY-2009 18:48:17	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37914	No
148	GOM_NL__2PRFIN20090531_185143_000000342079_00285_37914_9617.N1	31-MAY-2009 18:51:43	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	37914	No
149	GOM_NL__2PRFIN20090531_185912_000000342079_00285_37914_9618.N1	31-MAY-2009 18:59:12	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37914	No
150	GOM_NL__2PRFIN20090531_191004_000000322079_00285_37914_9619.N1	31-MAY-2009 19:10:04	Tw_i_and_stray	31.500	89	5Alp Cep	2.4510	8000.0	63	37914	No
151	GOM_NL__2PRFIN20090531_191507_000000262079_00285_37914_9620.N1	31-MAY-2009 19:15:07	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37914	No
152	GOM_NL__2PRFIN20090531_192528_000000282079_00285_37914_9621.N1	31-MAY-2009 19:25:28	Tw_i_and_stray	27.500	58	21Alp And	2.0730	11000.	55	37914	No
153	GOM_NL__2PRFIN20090531_193024_000000292079_00285_37914_9622.N1	31-MAY-2009 19:30:24	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37914	No
154	GOM_NL__2PRFIN20090531_194804_000000392079_00285_37914_9623.N1	31-MAY-2009 19:48:04	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37914	No
155	GOM_NL__2PRFIN20090531_195316_000000342079_00286_37915_9628.N1	31-MAY-2009 19:53:16	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37915	No
156	GOM_NL__2PRFIN20090531_200833_000000362079_00286_37915_9629.N1	31-MAY-2009 20:08:33	Tw_i_and_stray	35.500	38	20Eps Sgr	1.8360	11000.	71	37915	No
157	GOM_NL__2PRFIN20090531_201015_000000372079_00286_37915_9630.N1	31-MAY-2009 20:10:15	Tw_i_and_stray	37.000	116	19Del Sgr	2.7000	4100.0	74	37915	No
158	GOM_NL__2PRFIN20090531_201640_000000322079_00286_37915_9631.N1	31-MAY-2009 20:16:40	Bright	32.000	86	35Eta Oph	2.4300	10200.	64	37915	No
159	GOM_NL__2PRFIN20090531_201831_000000302079_00286_37915_9632.N1	31-MAY-2009 20:18:31	Bright	30.000	98	13Zet Oph	2.5710	30000.	60	37915	No
160	GOM_NL__2PRFIN20090531_202852_000000322079_00286_37915_9633.N1	31-MAY-2009 20:28:52	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37915	No

161	GOM_NL__2PRFIN20090531_203219_000000332079_00286_37915_9634.N1	31-MAY-2009 20:32:19	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37915	No
162	GOM_NL__2PRFIN20090531_203947_000000342079_00286_37915_9635.N1	31-MAY-2009 20:39:47	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37915	No
163	GOM_NL__2PRFIN20090531_205039_000000322079_00286_37915_9636.N1	31-MAY-2009 20:50:39	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37915	No
164	GOM_NL__2PRFIN20090531_205543_000000252079_00286_37915_9637.N1	31-MAY-2009 20:55:43	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37915	No
165	GOM_NL__2PRFIN20090531_210604_000000282079_00286_37915_9638.N1	31-MAY-2009 21:06:04	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37915	No
166	GOM_NL__2PRFIN20090531_211101_000000302079_00286_37915_9639.N1	31-MAY-2009 21:11:01	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37915	No
167	GOM_NL__2PRFIN20090531_212841_000000392079_00286_37915_9640.N1	31-MAY-2009 21:28:41	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37915	No
168	GOM_NL__2PRFIN20090531_213353_000000342079_00287_37916_9643.N1	31-MAY-2009 21:33:53	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37916	No
169	GOM_NL__2PRFIN20090531_214909_000000362079_00287_37916_9644.N1	31-MAY-2009 21:49:09	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37916	No
170	GOM_NL__2PRFIN20090531_215051_000000372079_00287_37916_9645.N1	31-MAY-2009 21:50:51	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37916	No
171	GOM_NL__2PRFIN20090531_215716_000000332079_00287_37916_9646.N1	31-MAY-2009 21:57:16	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37916	No
172	GOM_NL__2PRFIN20090531_215907_000000302079_00287_37916_9647.N1	31-MAY-2009 21:59:07	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37916	No
173	GOM_NL__2PRFIN20090531_220928_000000322079_00287_37916_9648.N1	31-MAY-2009 22:09:28	Bright	32.000	127	27Bet Her	2.7810	4700.0	64	37916	No
174	GOM_NL__2PRFIN20090531_221254_000000332079_00287_37916_9649.N1	31-MAY-2009 22:12:54	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	37916	No
175	GOM_NL__2PRFIN20090531_222022_000000342079_00287_37916_9650.N1	31-MAY-2009 22:20:22	Bright	33.500	130	23Bet Dra	2.7990	5800.0	67	37916	No
176	GOM_NL__2PRFIN20090531_223114_000000322079_00287_37916_9651.N1	31-MAY-2009 22:31:14	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	37916	No
177	GOM_NL__2PRFIN20090531_223618_000000262079_00287_37916_9652.N1	31-MAY-2009 22:36:18	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	37916	No
178	GOM_NL__2PRFIN20090531_224641_000000282079_00287_37916_9653.N1	31-MAY-2009 22:46:41	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37916	No
179	GOM_NL__2PRFIN20090531_225137_000000302079_00287_37916_9654.N1	31-MAY-2009 22:51:37	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37916	No
180	GOM_NL__2PRFIN20090531_230918_000000392079_00287_37916_9655.N1	31-MAY-2009 23:09:18	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37916	No
181	GOM_NL__2PRFIN20090531_231430_000000342079_00288_37917_9660.N1	31-MAY-2009 23:14:30	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37917	No
182	GOM_NL__2PRFIN20090531_232946_000000362079_00288_37917_9661.N1	31-MAY-2009 23:29:46	Twilight	35.500	38	20Eps Sgr	1.8360	11000.	71	37917	No
183	GOM_NL__2PRFIN20090531_233128_000000372079_00288_37917_9662.N1	31-MAY-2009 23:31:28	Twilight	37.000	116	19Del Sgr	2.7000	4100.0	74	37917	No
184	GOM_NL__2PRFIN20090531_233751_000000332079_00288_37917_9663.N1	31-MAY-2009 23:37:51	Bright	32.500	86	35Eta Oph	2.4300	10200.	65	37917	No
185	GOM_NL__2PRFIN20090531_233943_000000302079_00288_37917_9664.N1	31-MAY-2009 23:39:43	Bright	29.500	98	13Zet Oph	2.5710	30000.	59	37917	No
186	GOM_NL__2PRFIN20090531_235004_000000322079_00288_37917_9665.N1	31-MAY-2009 23:50:04	Bright	31.500	127	27Bet Her	2.7810	4700.0	63	37917	No
187	GOM_NL__2PRFIN20090531_235330_000000332079_00288_37917_9666.N1	31-MAY-2009 23:53:30	Bright	32.500	133	40Zet Her	2.8070	6000.0	65	37917	No

3. Quality information per product

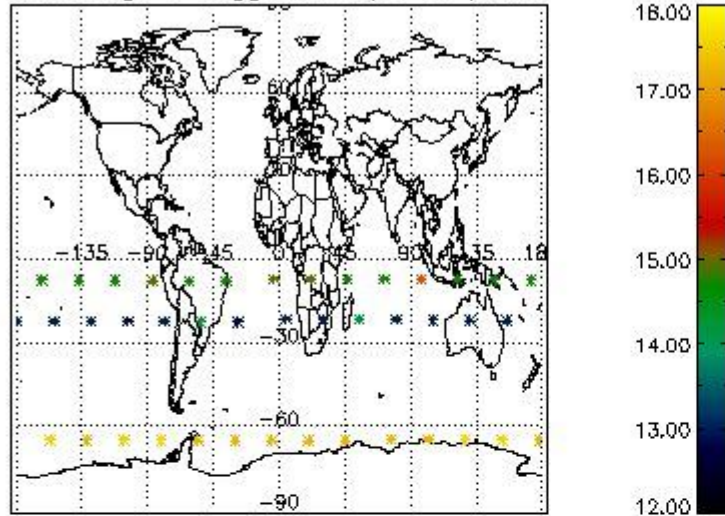
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

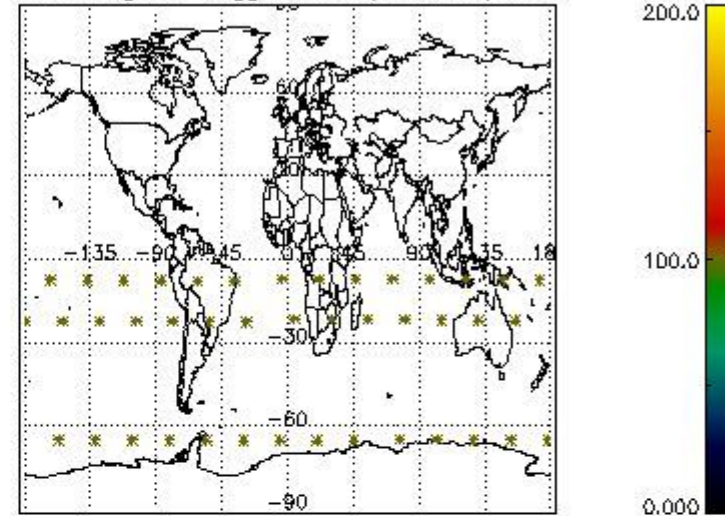


3.2 Plot quality information per product (world map)

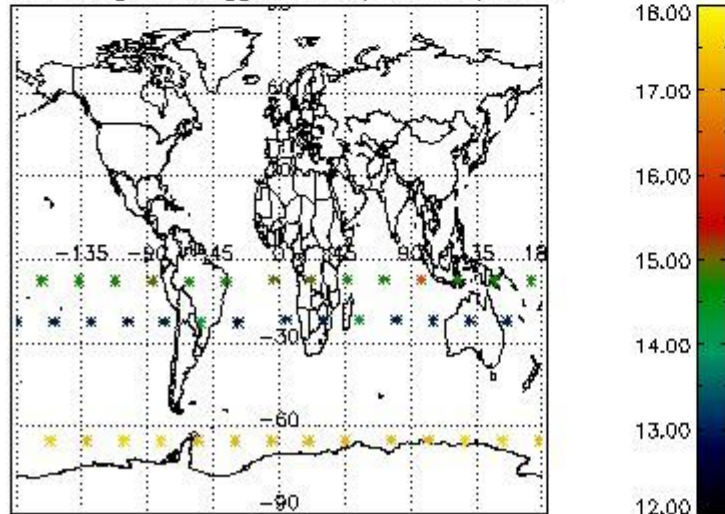
Percentage of flagged data per O3 profile



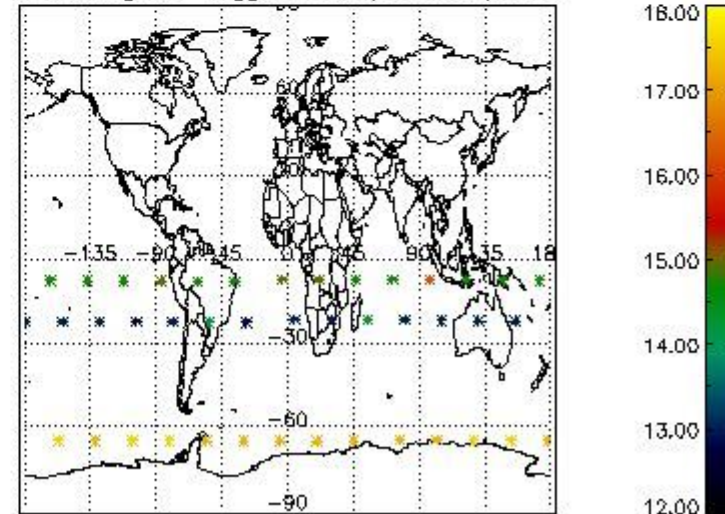
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

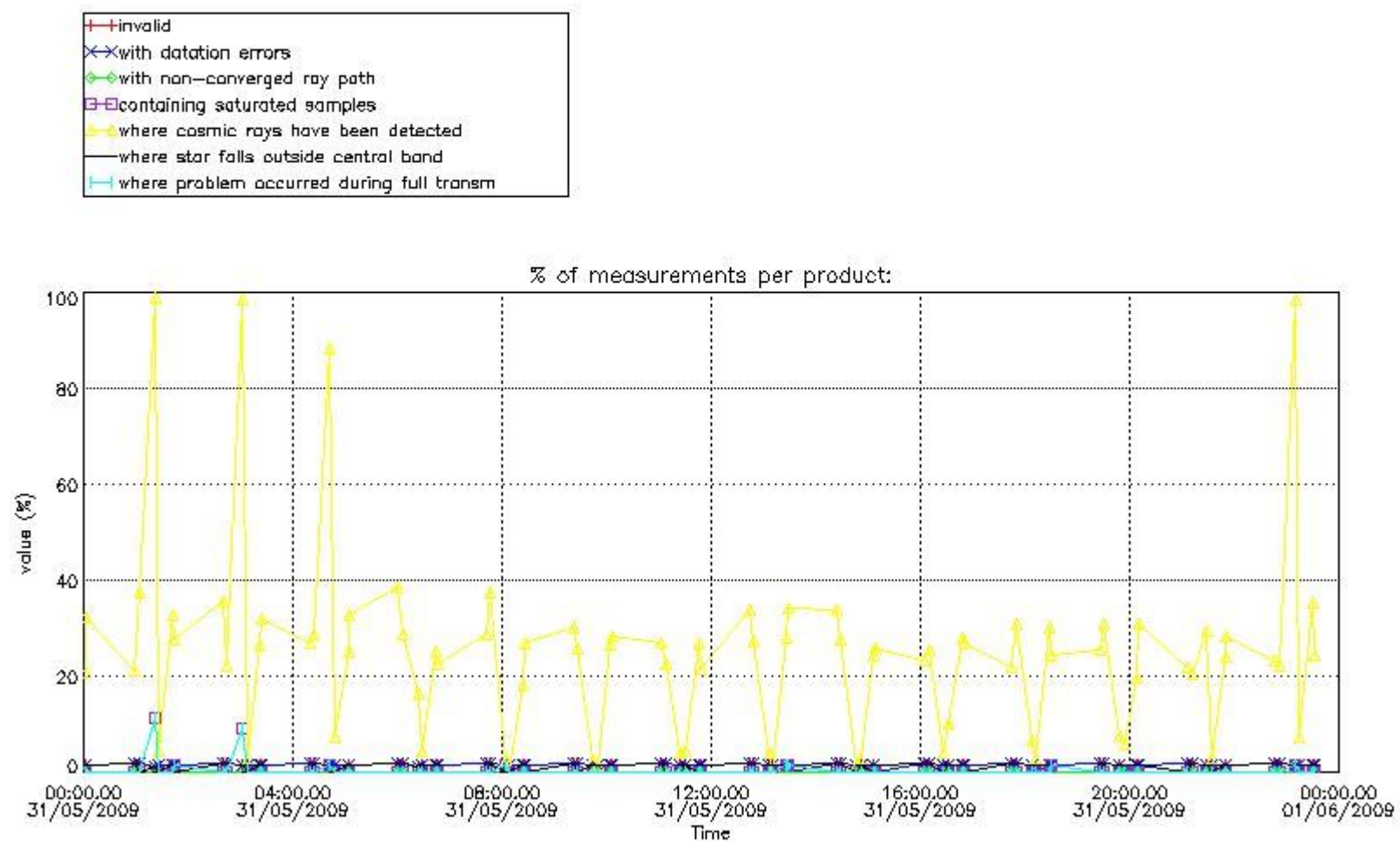


4. Level 1 quality information per product

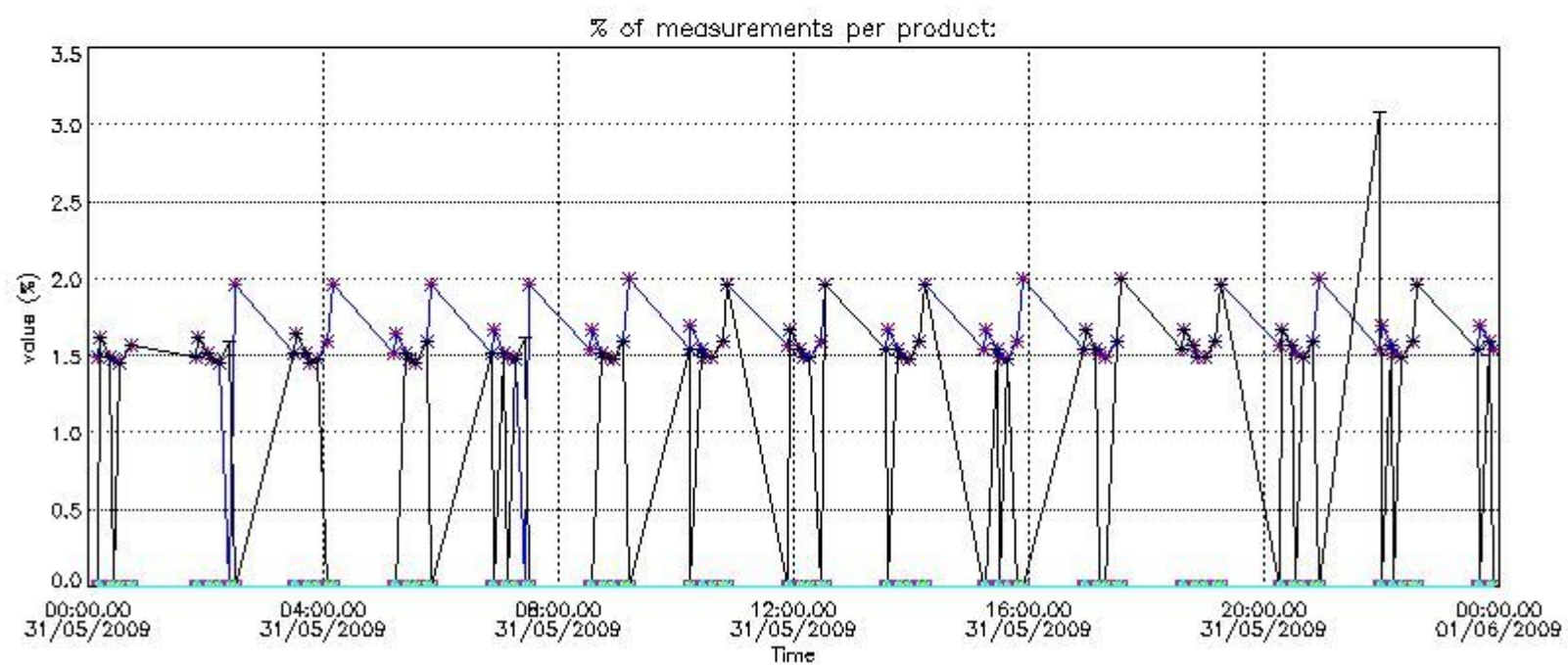
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



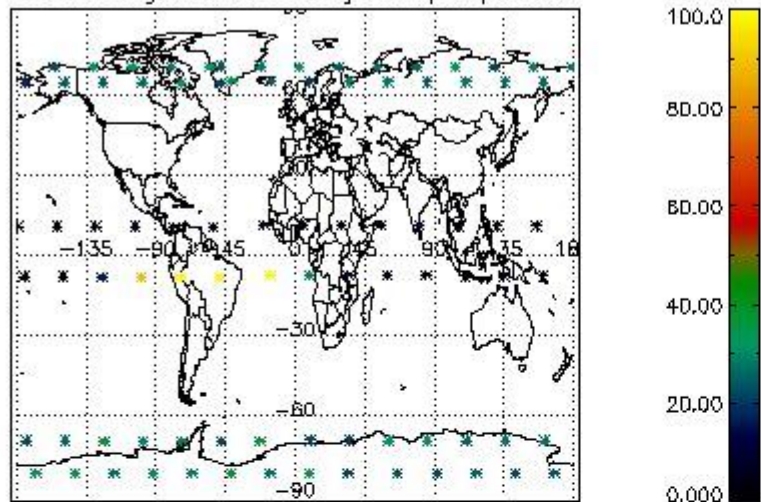
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



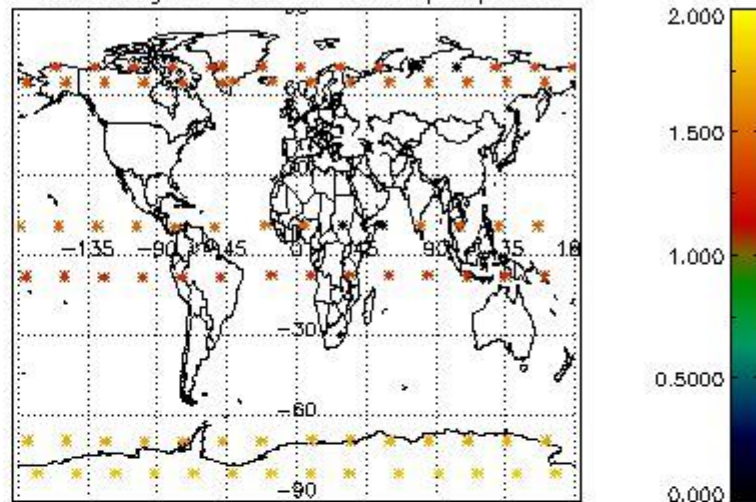
4.2 Plot quality information per product coming from level 1b processing (world map)

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

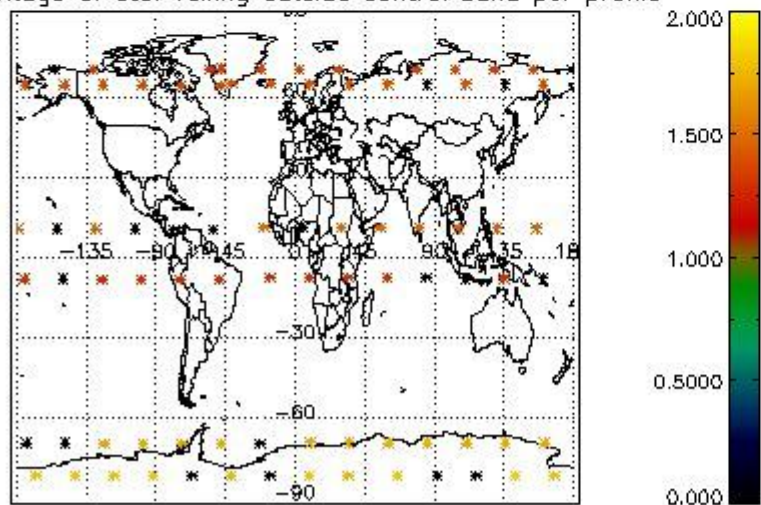
Percentage of cosmic ray hits per profile



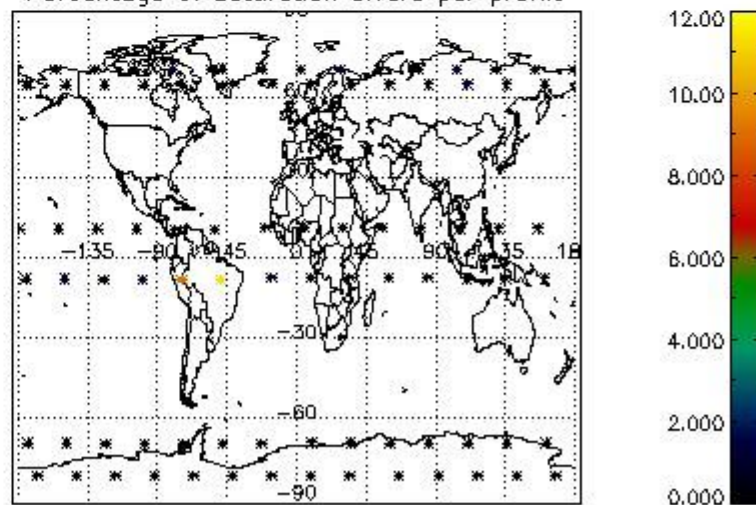
Percentage of datation errors per profile



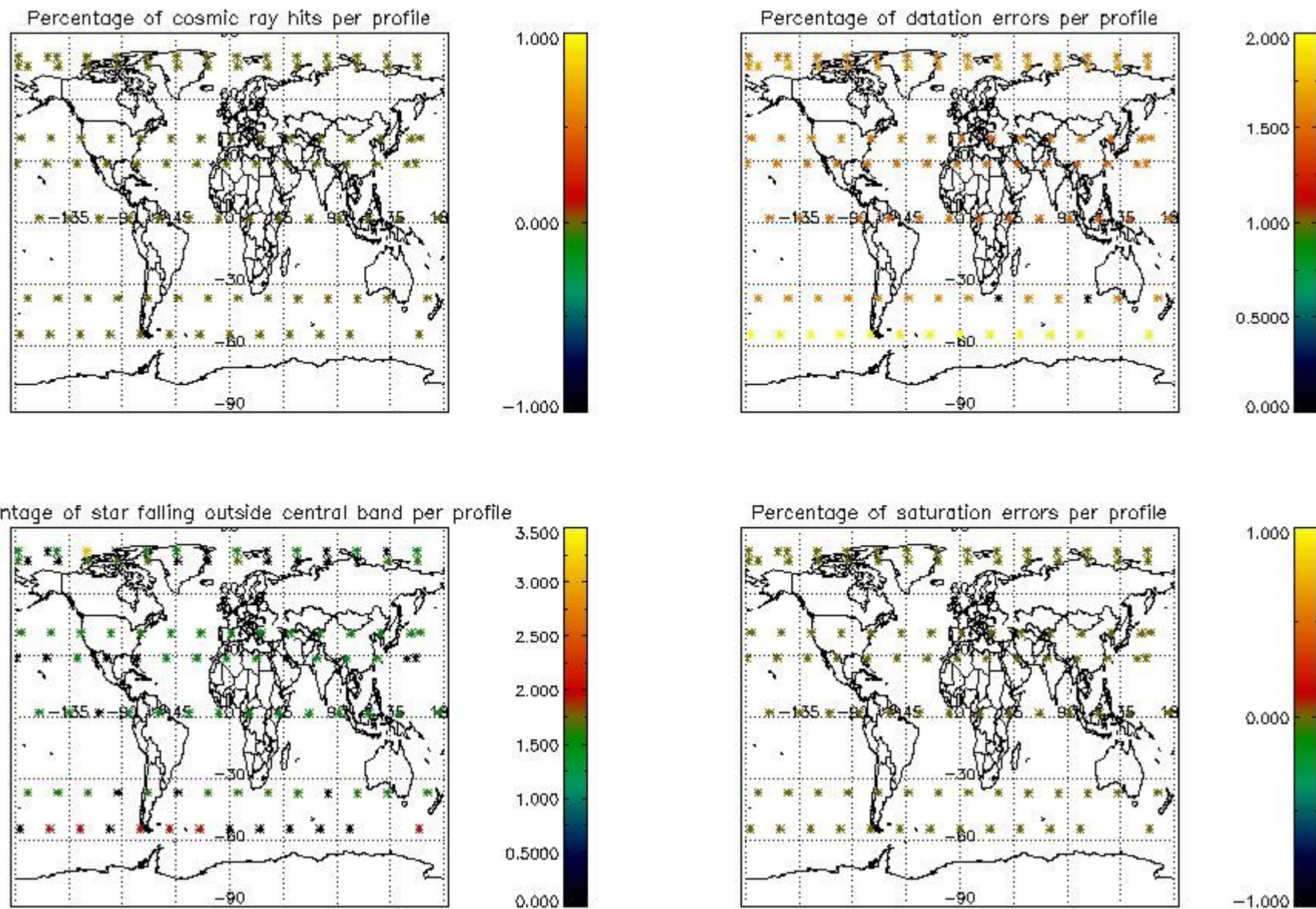
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

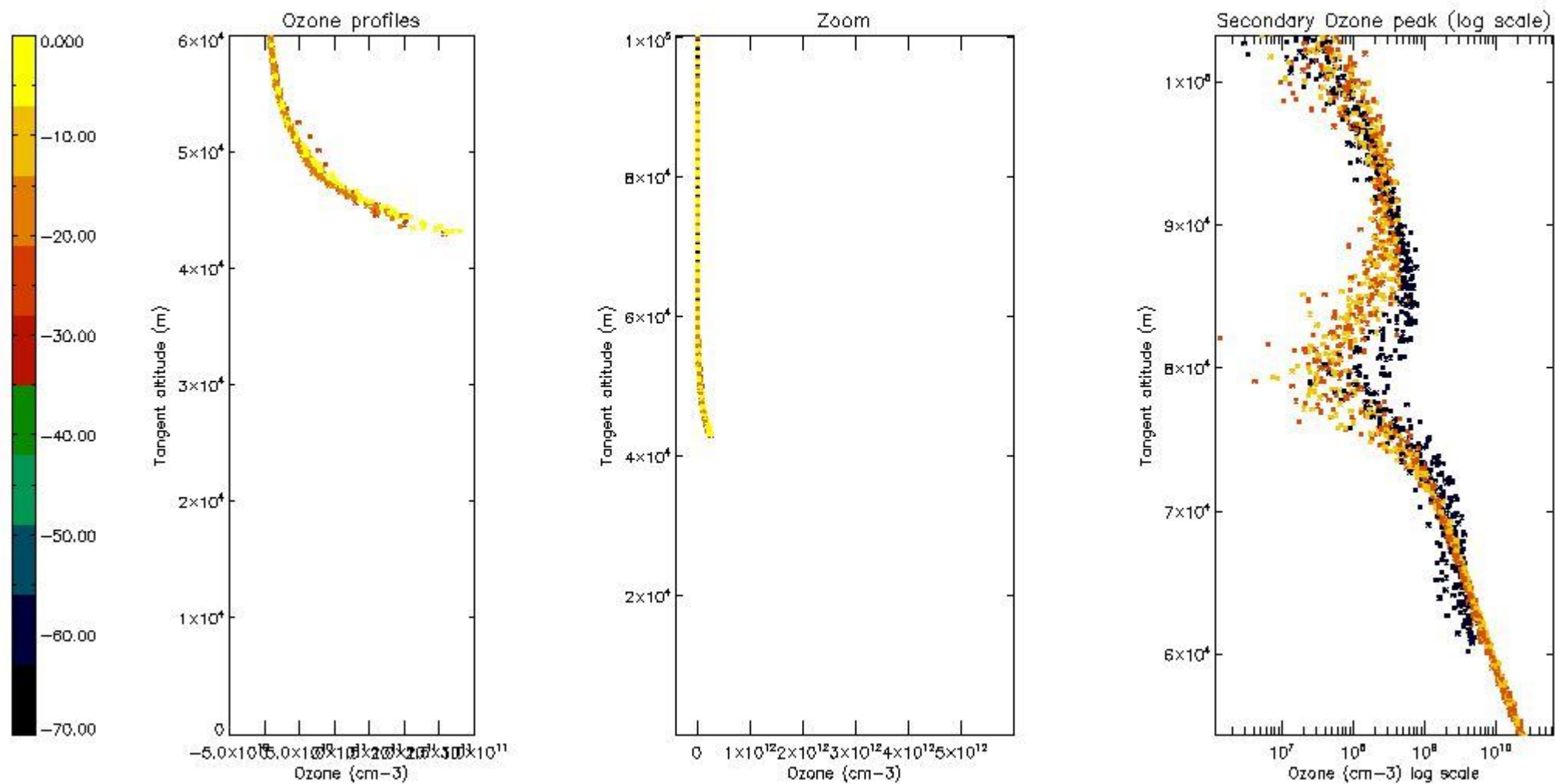
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	9
STD < 5	7

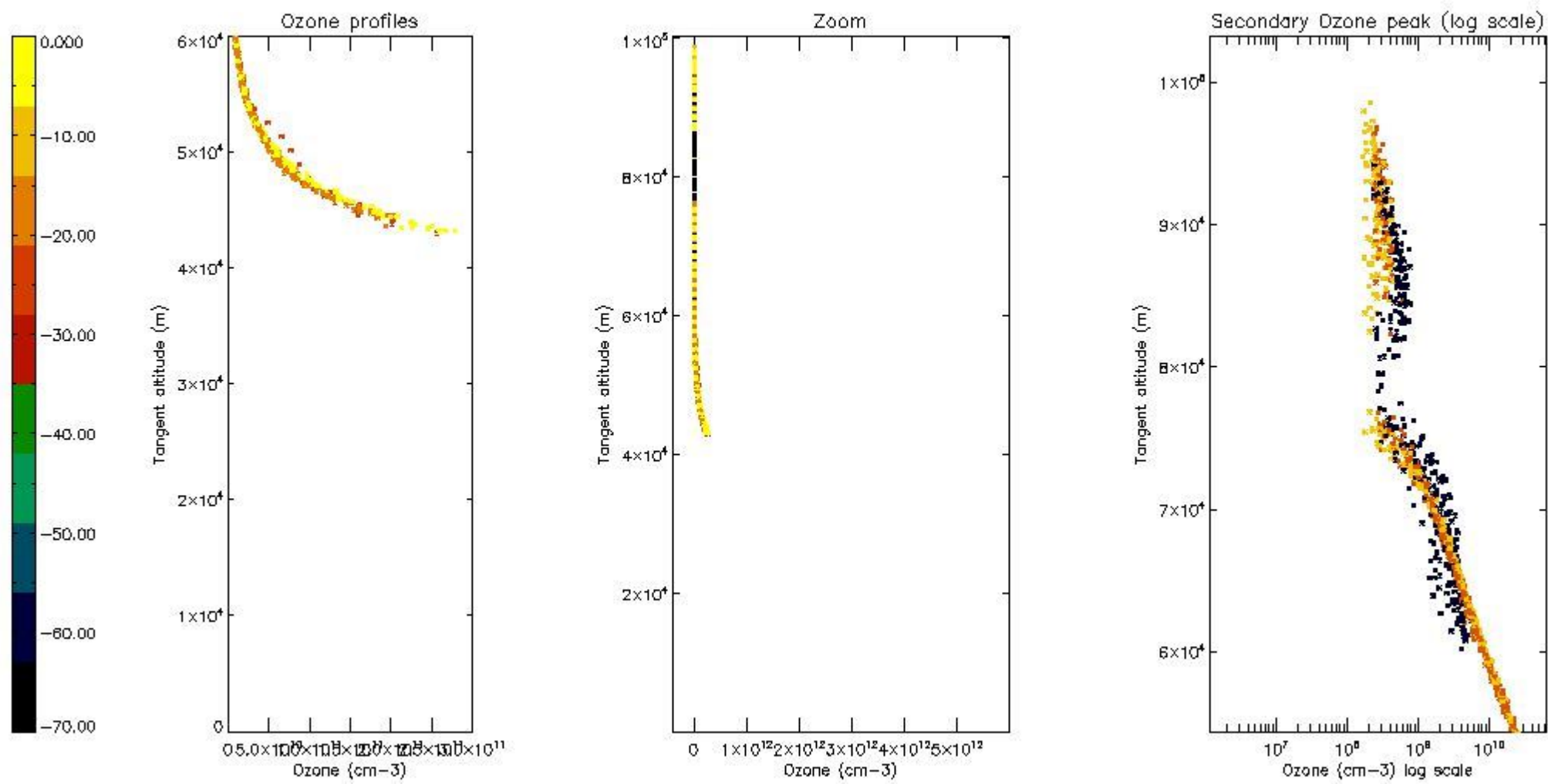
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



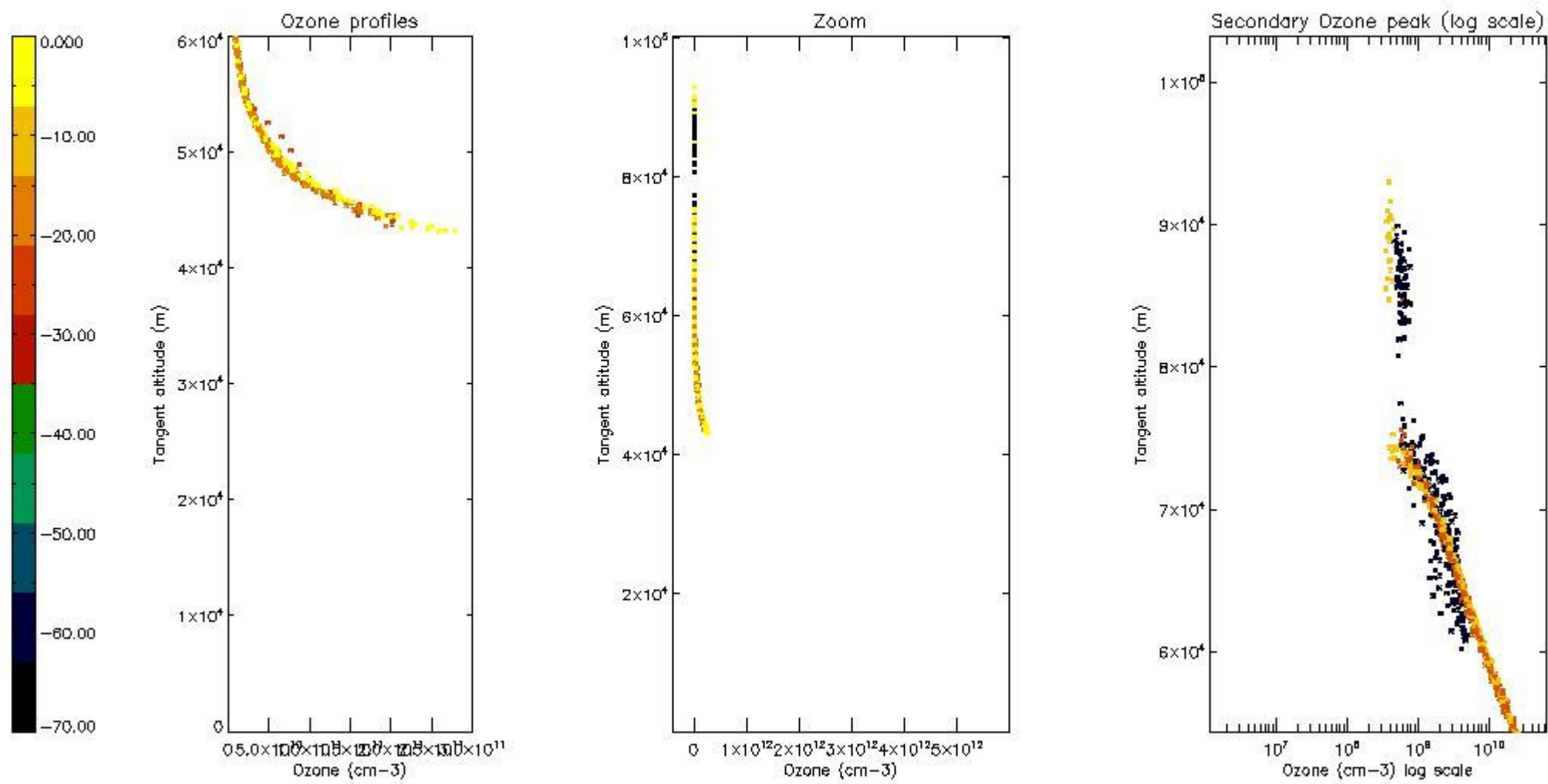
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



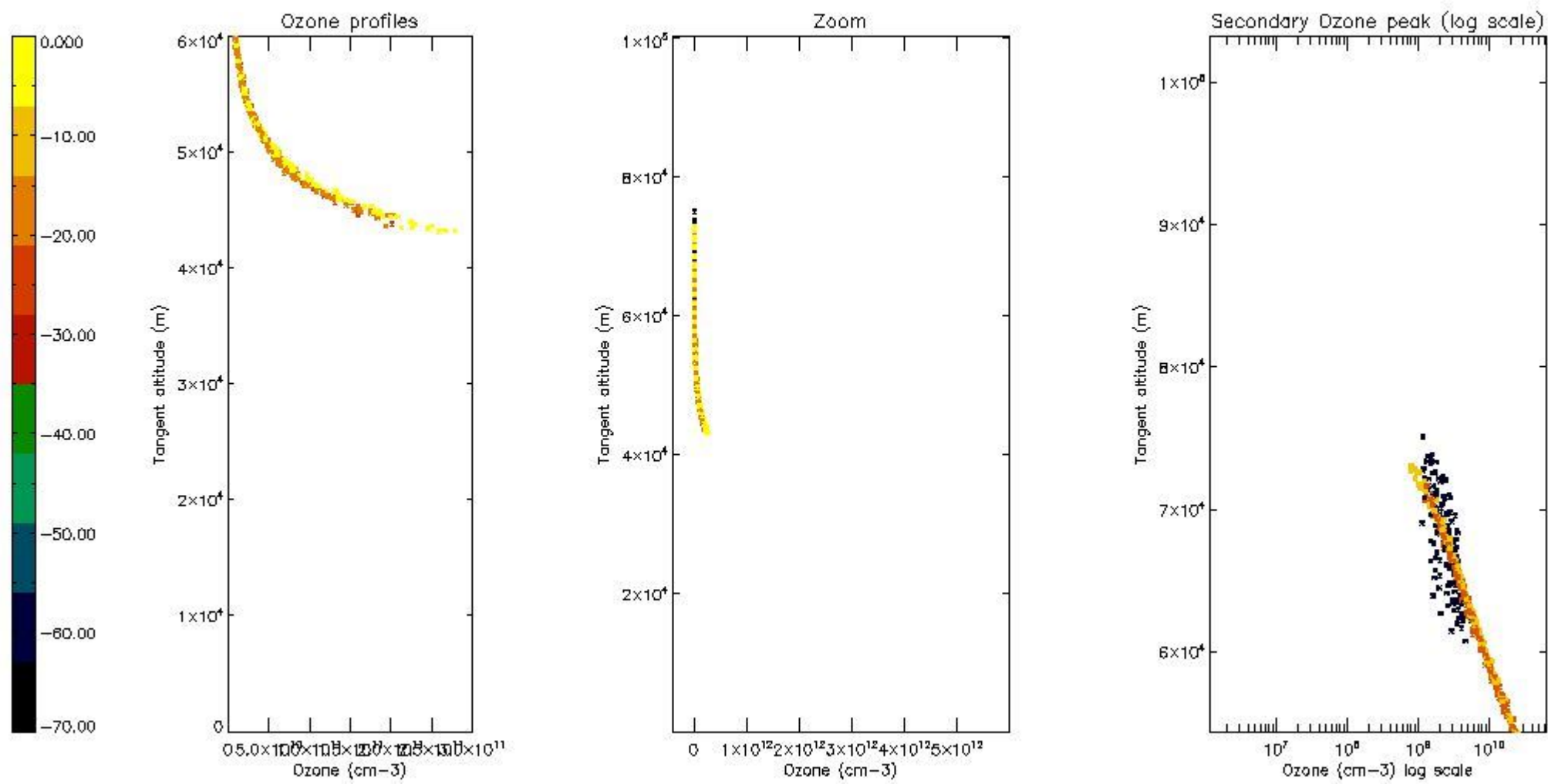
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



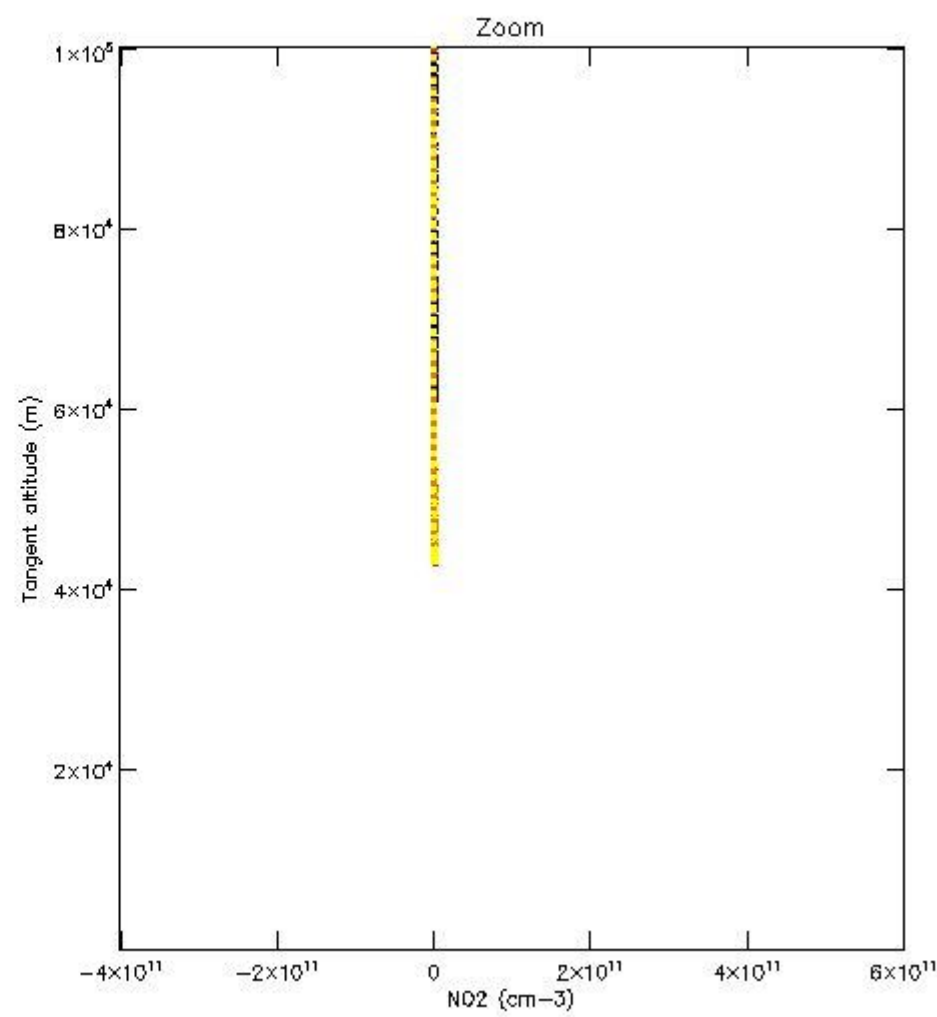
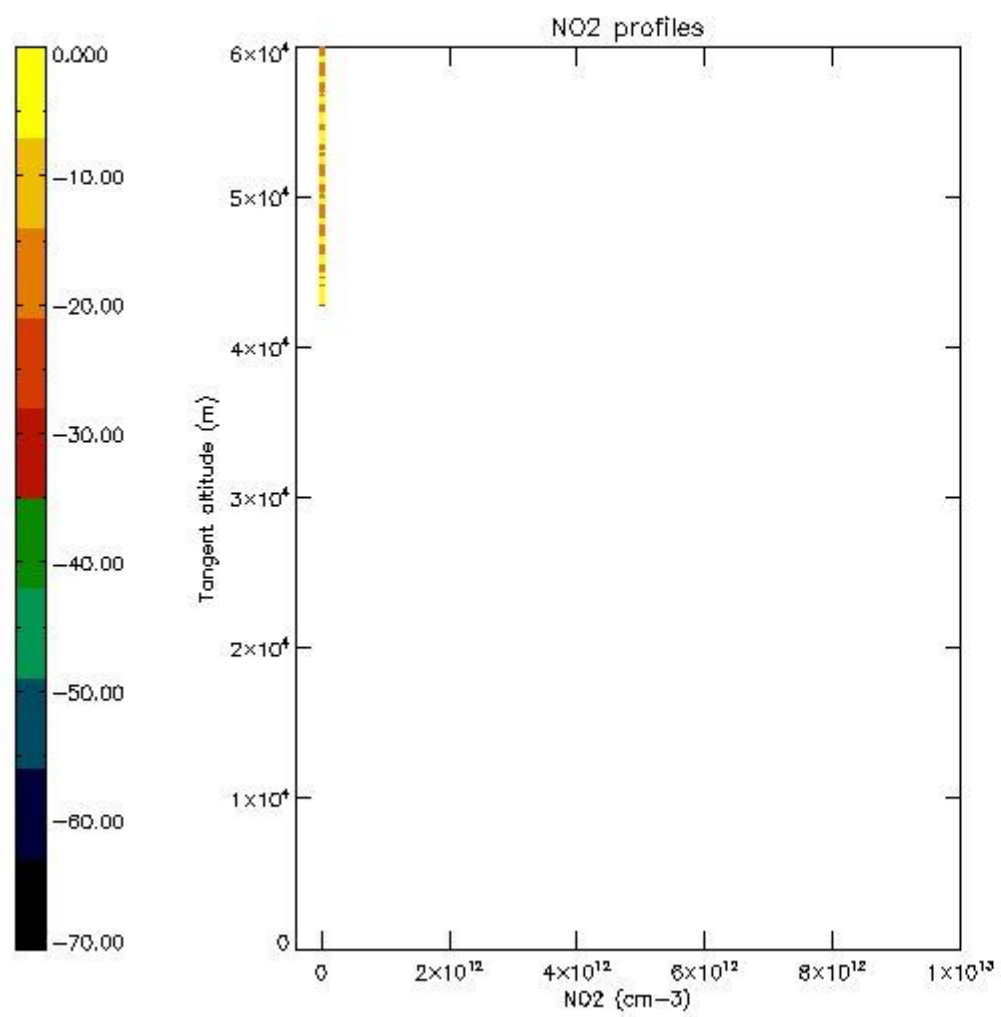
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



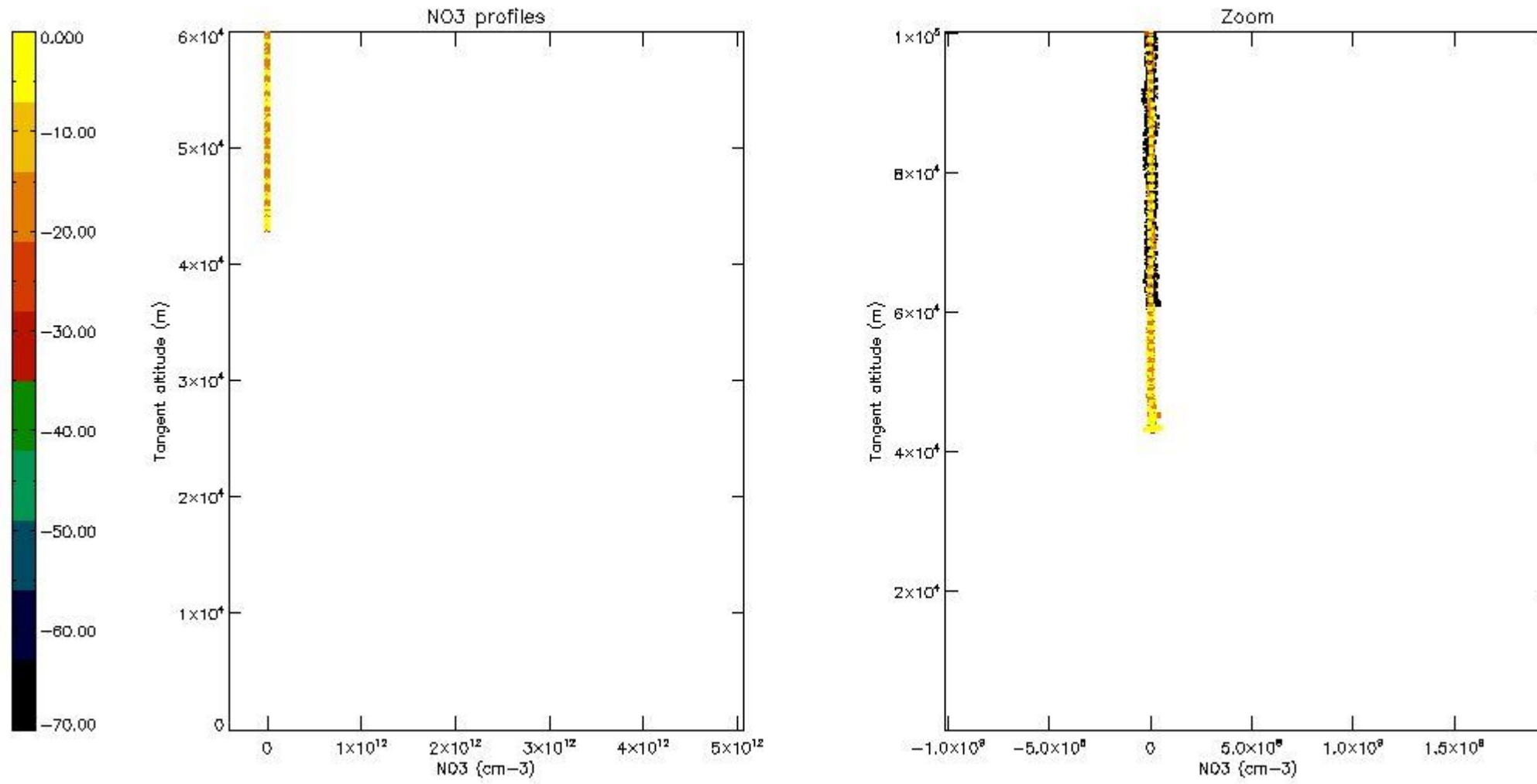
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

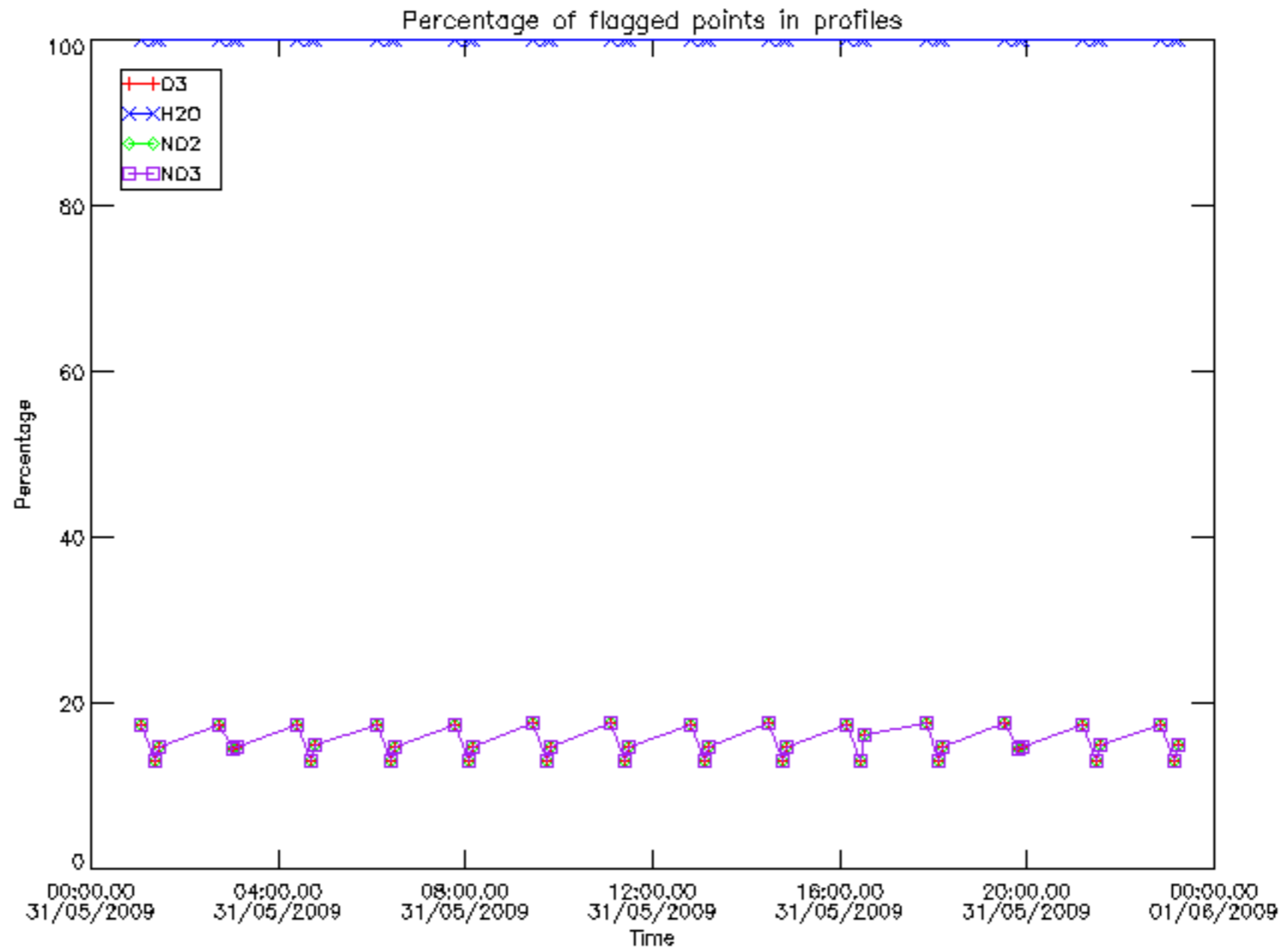
The colorbar represents the latitude.



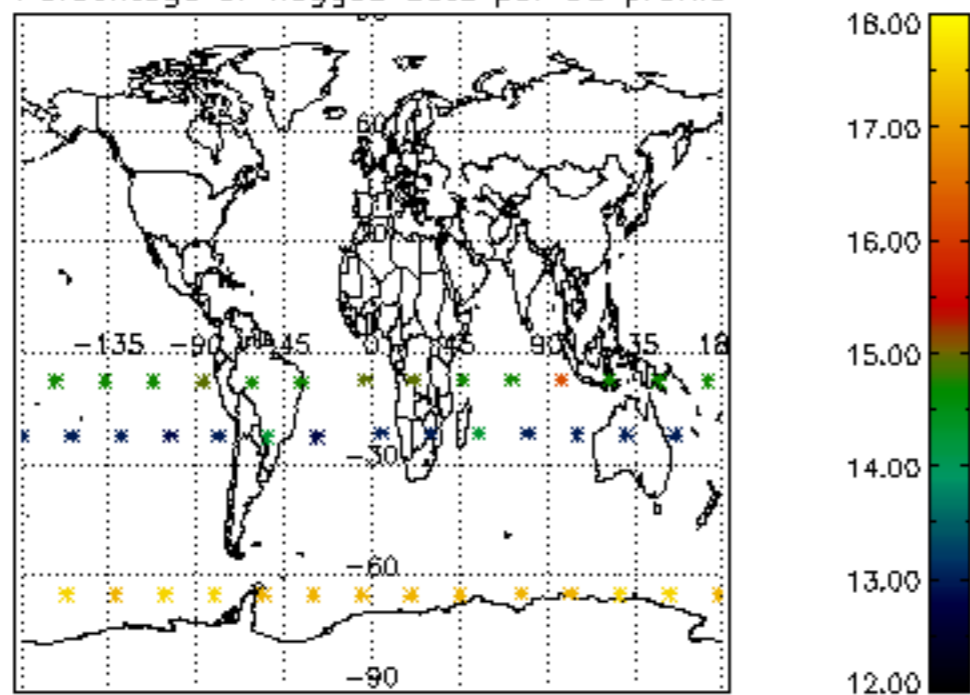
6. Auxiliary Data Files used for the production reported in section 2

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.

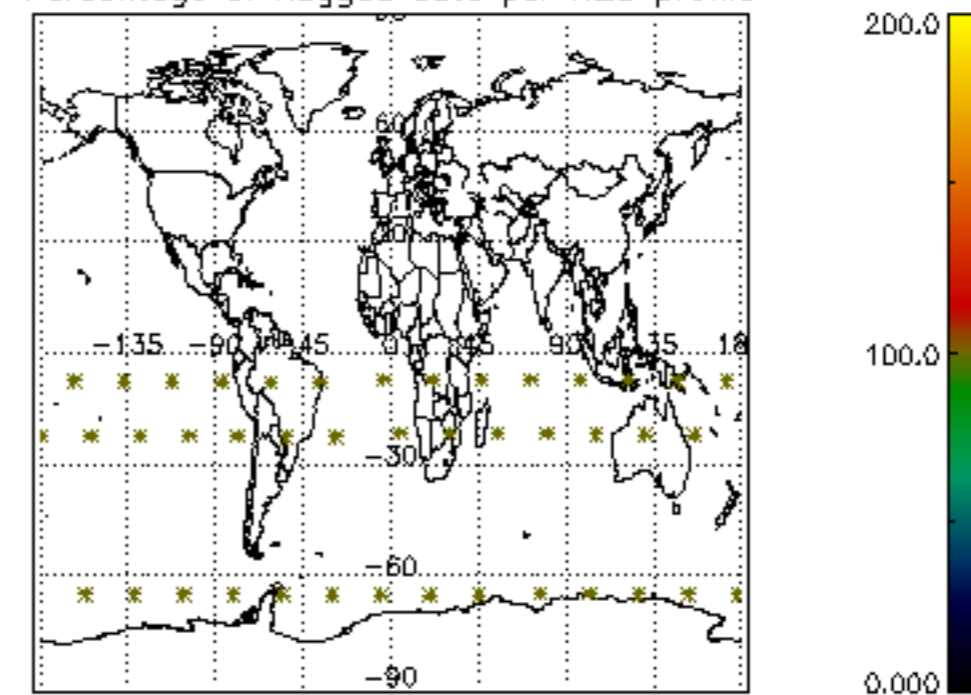
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-MAY-2009 00:01:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-MAY-2009 00:01:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-MAY-2009 00:01:14



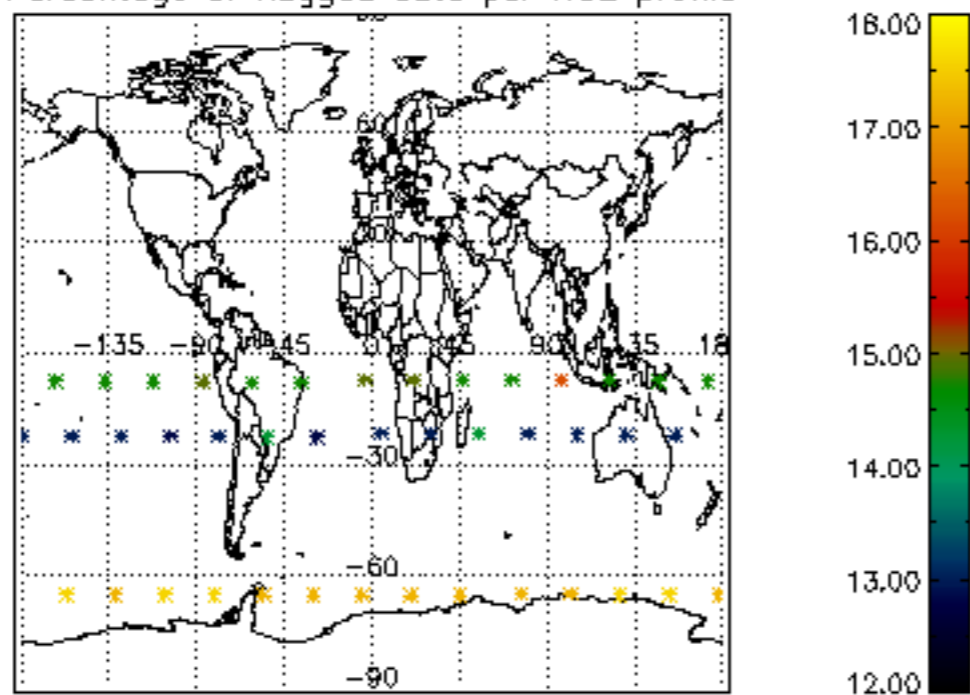
Percentage of flagged data per D3 profile



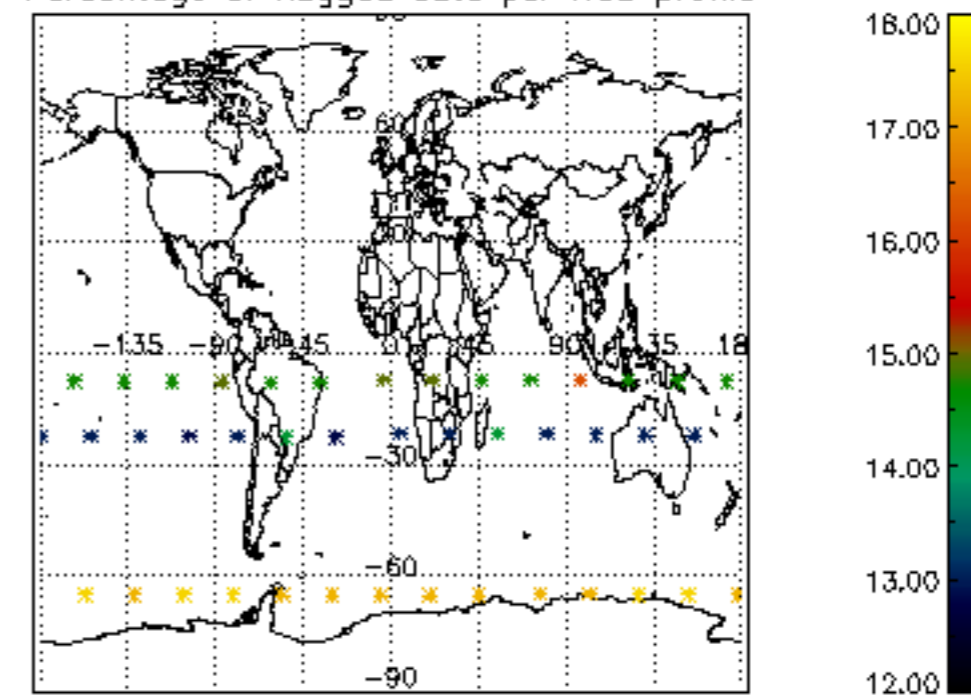
Percentage of flagged data per H2O profile

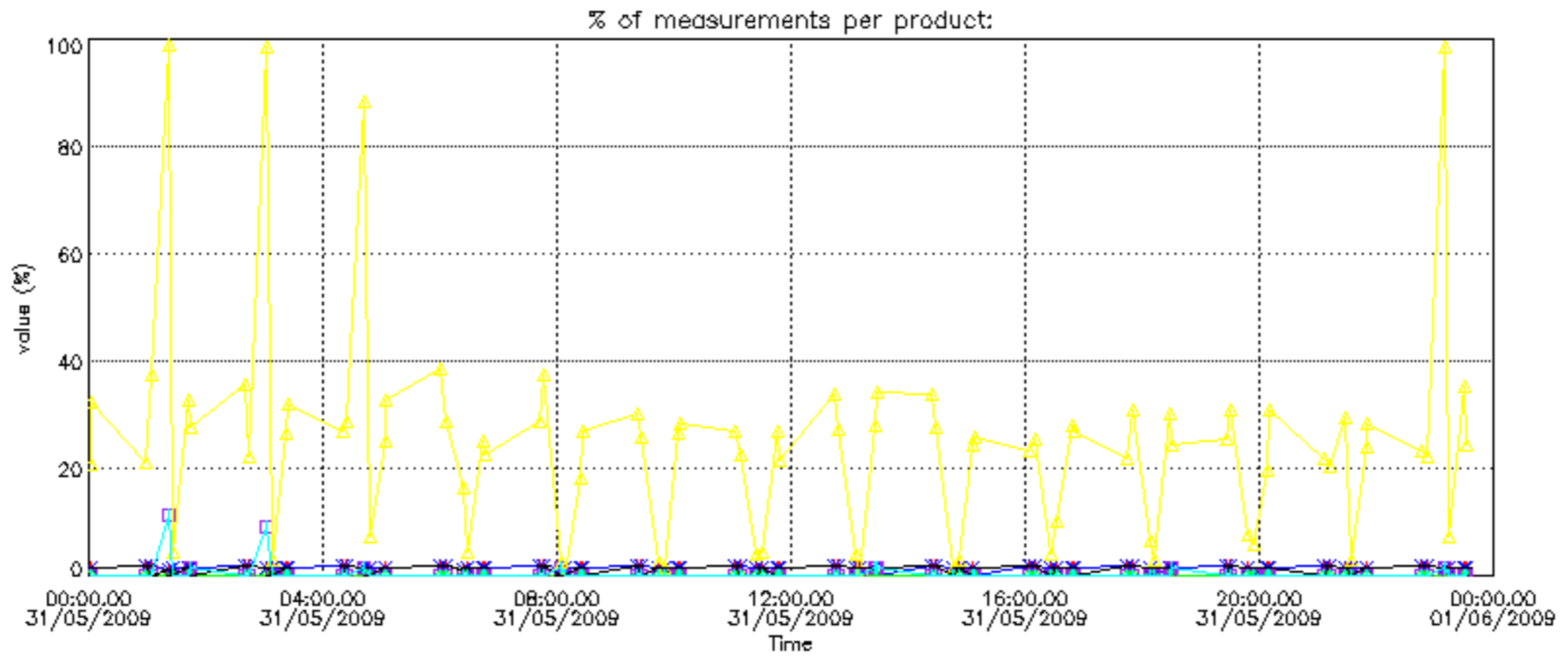


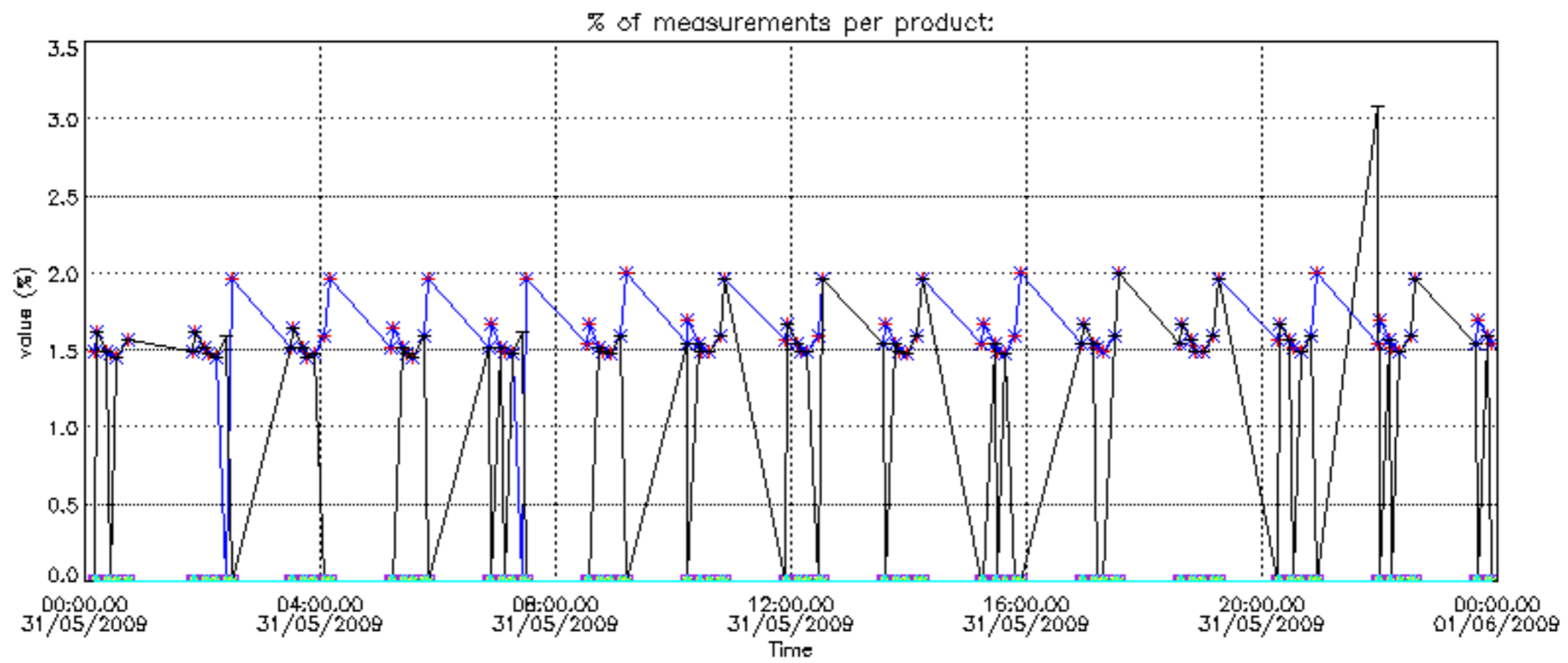
Percentage of flagged data per NO2 profile



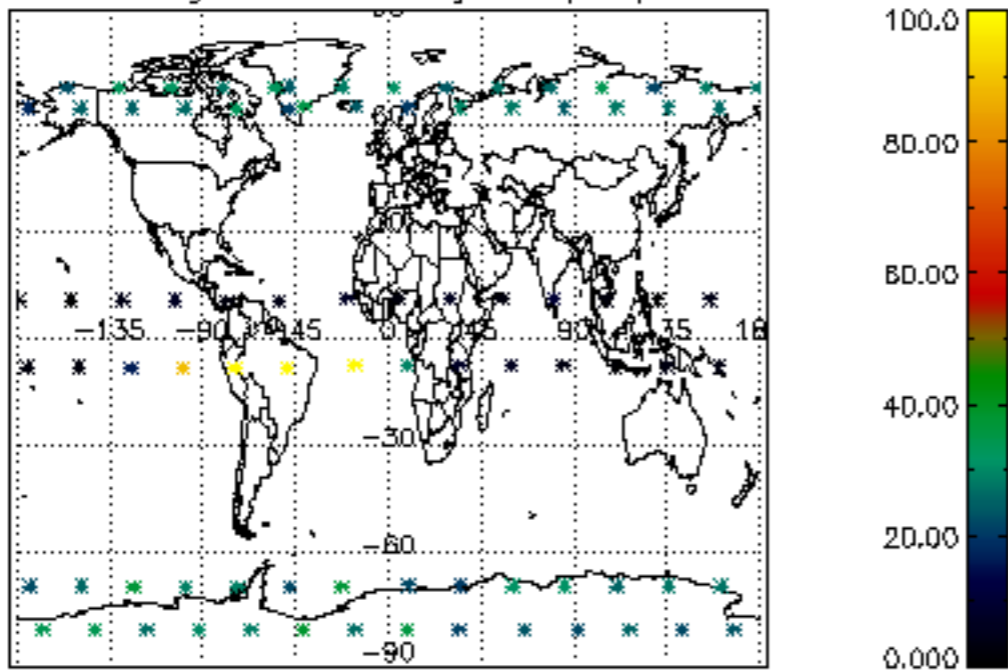
Percentage of flagged data per NO3 profile



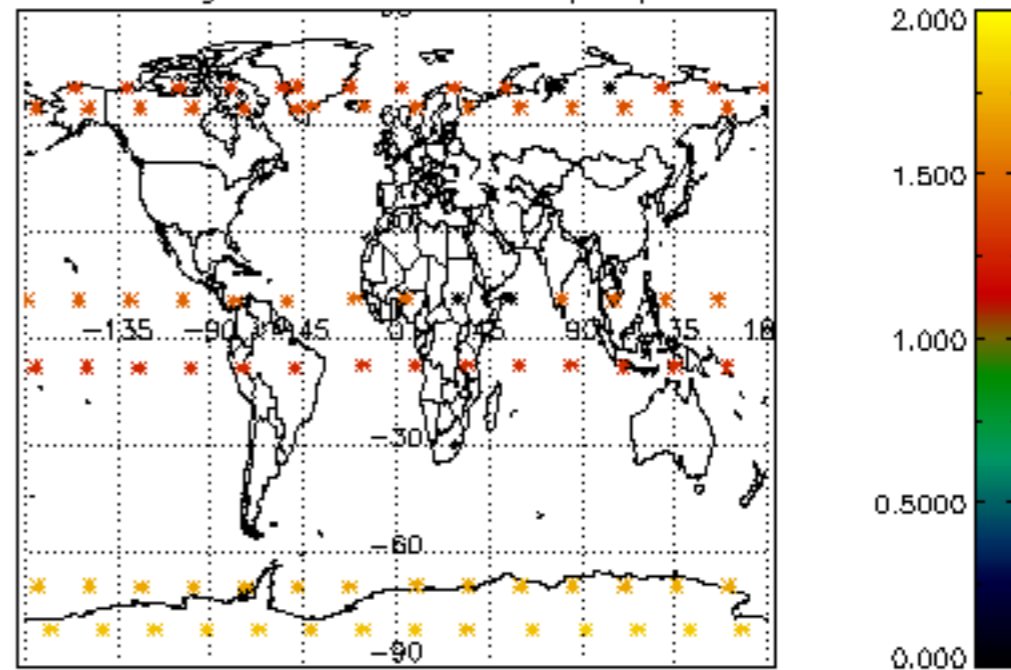




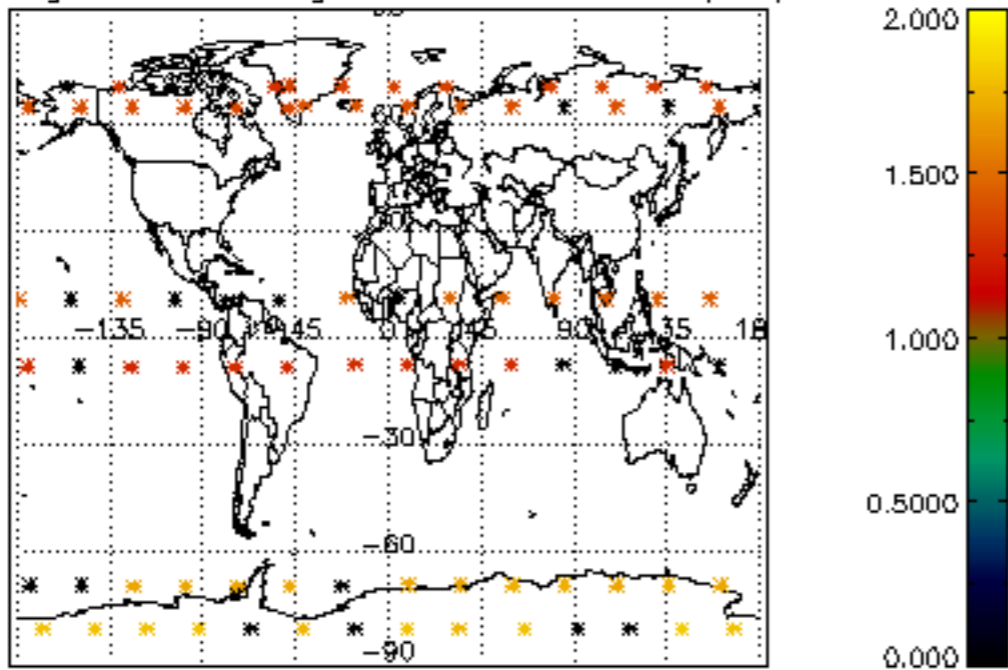
Percentage of cosmic ray hits per profile



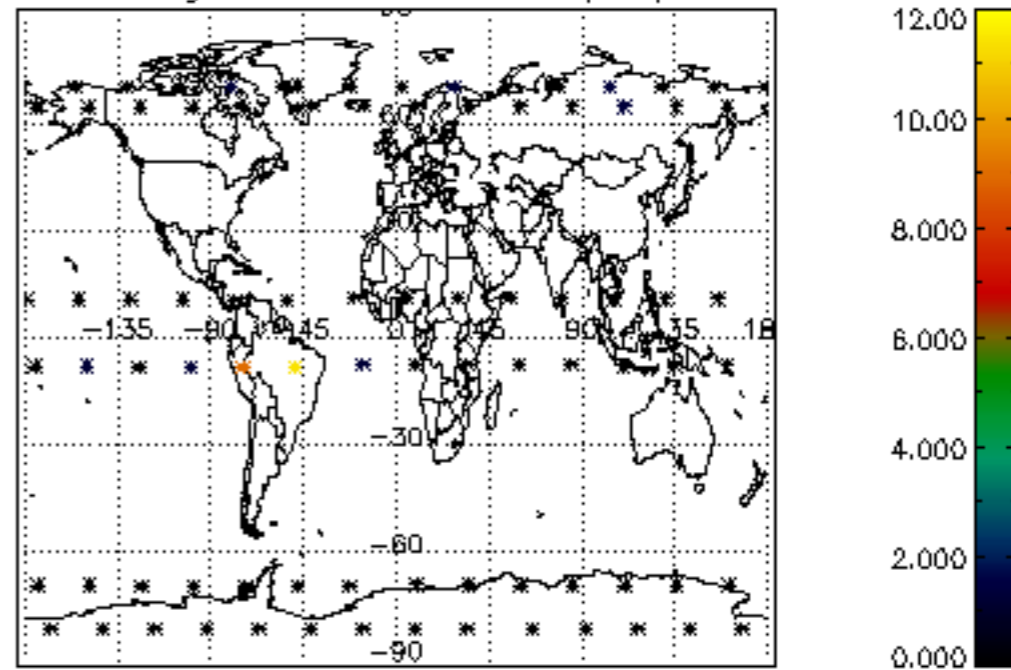
Percentage of datation errors per profile



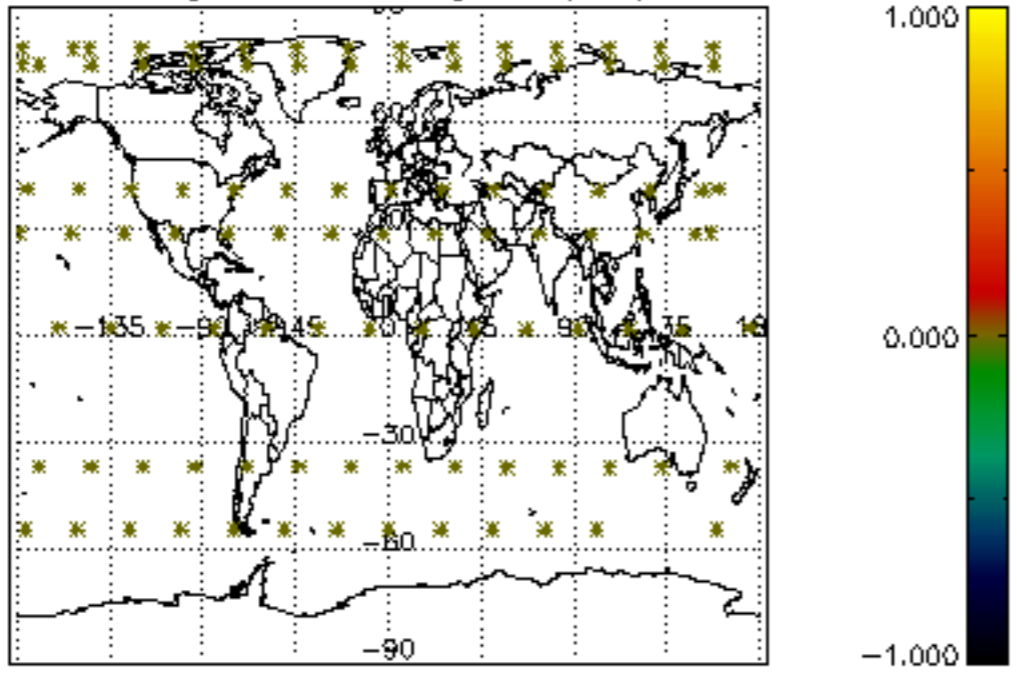
Percentage of star falling outside central band per profile



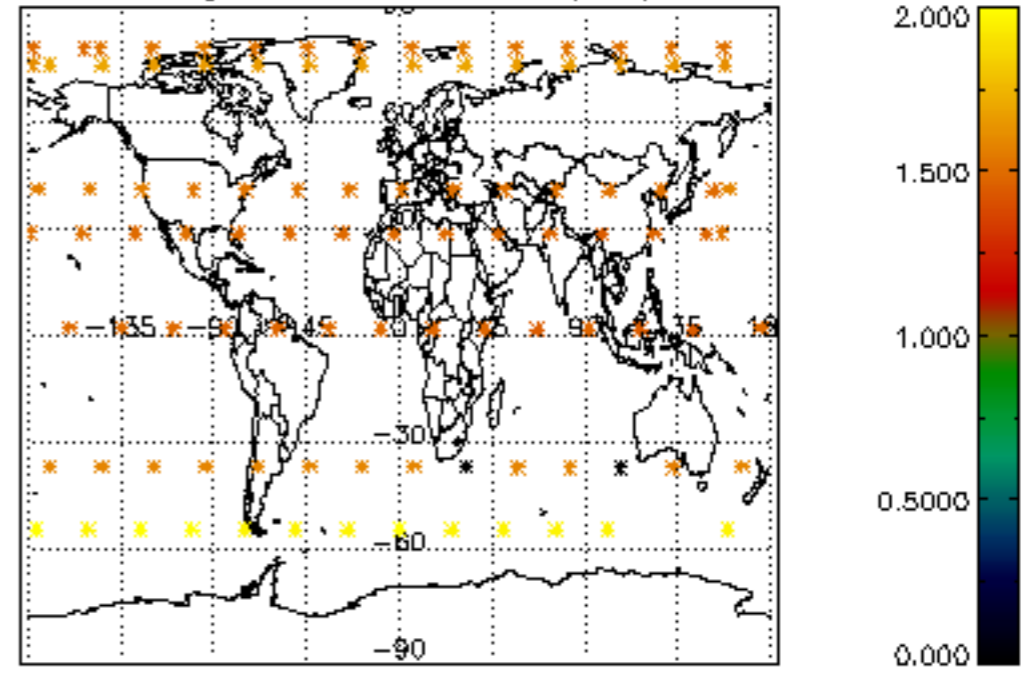
Percentage of saturation errors per profile



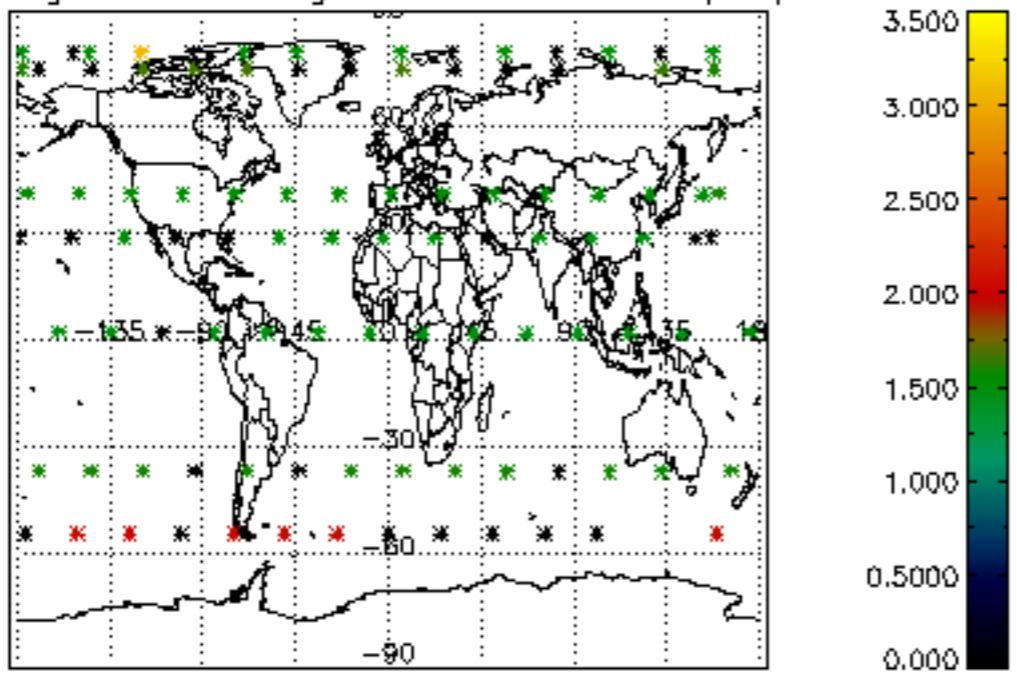
Percentage of cosmic ray hits per profile



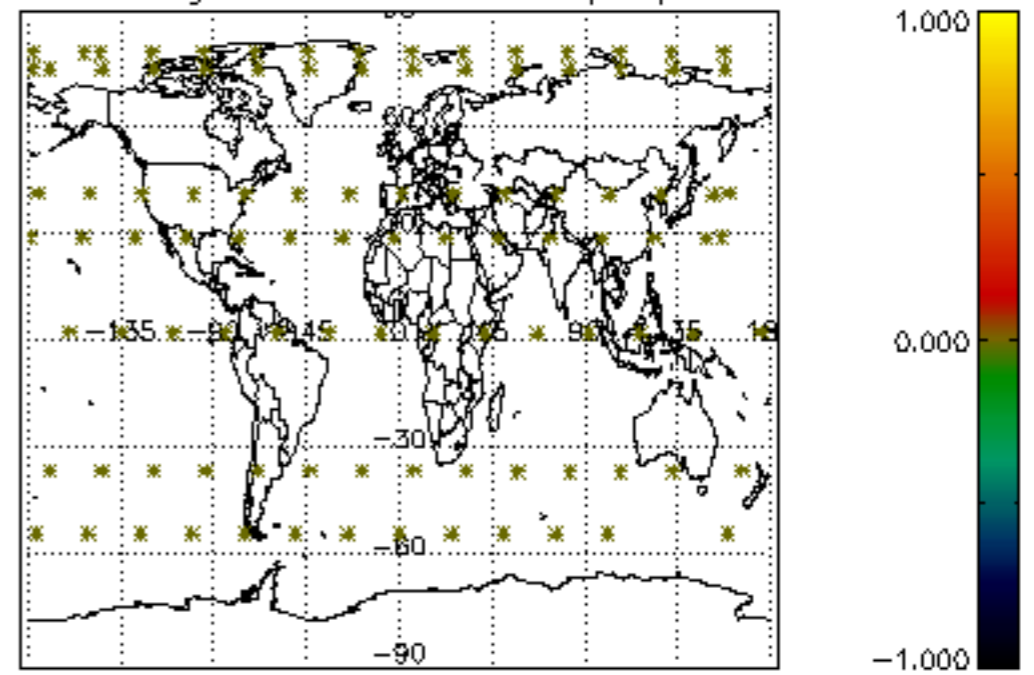
Percentage of datation errors per profile

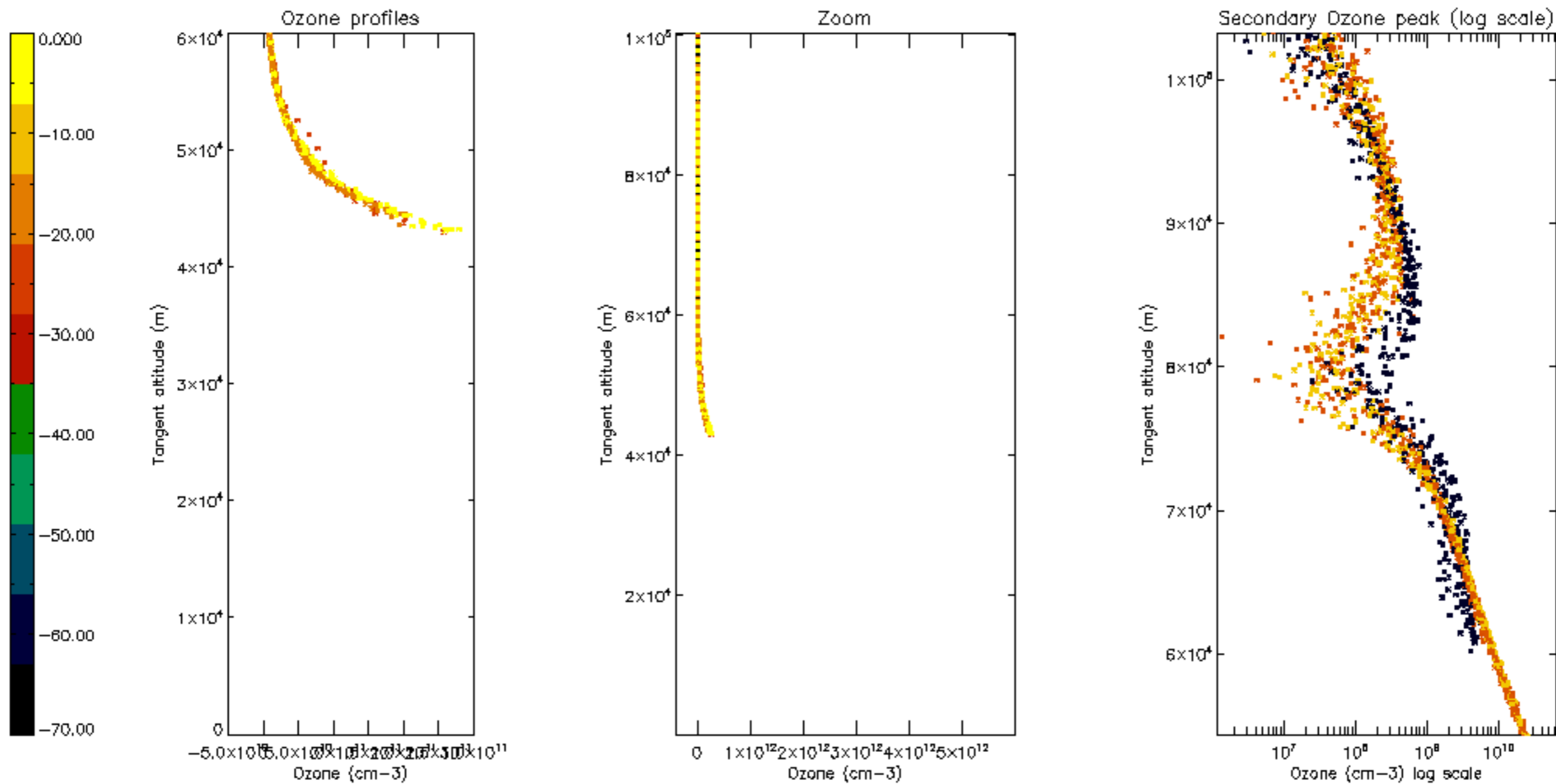


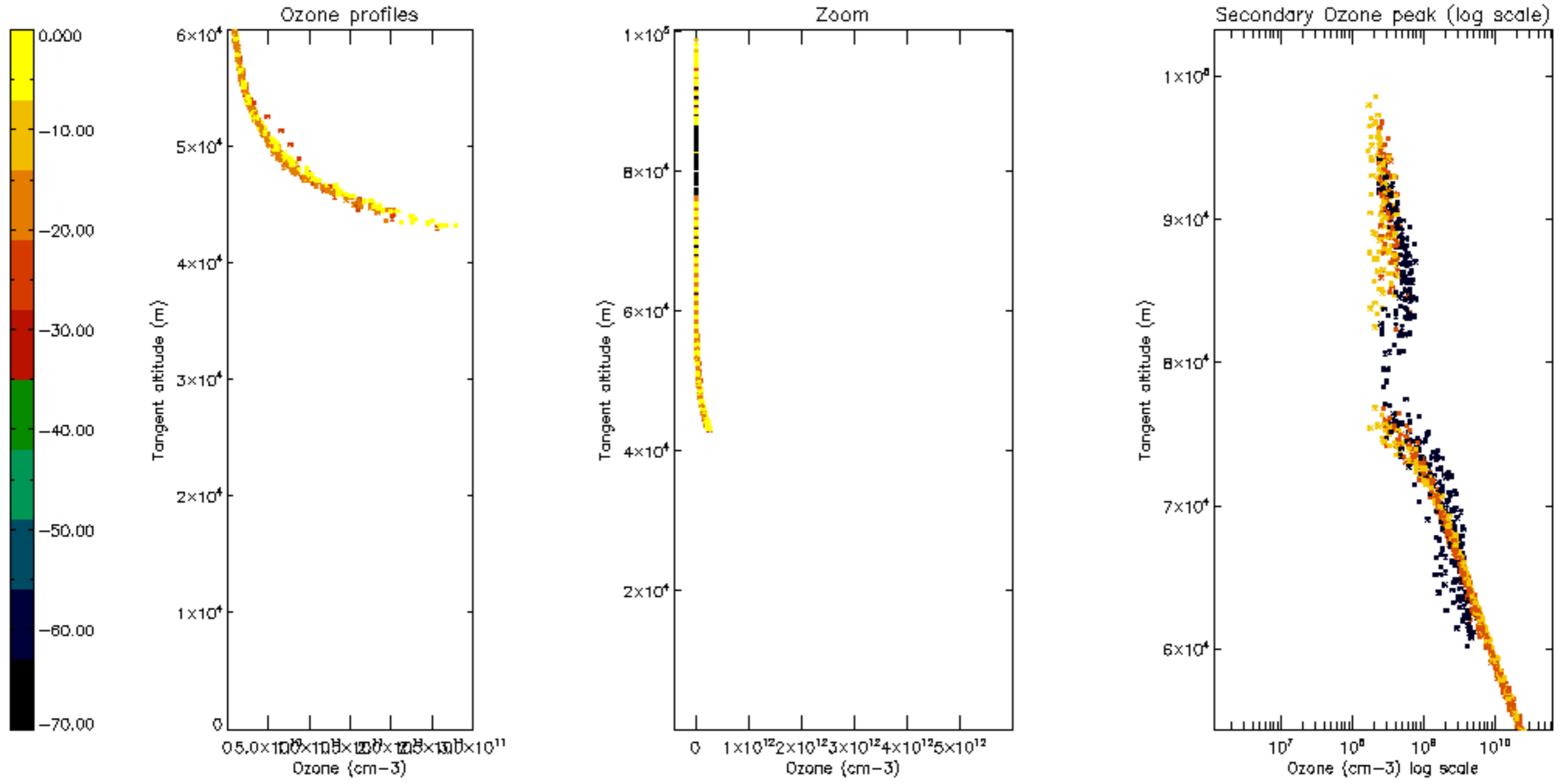
Percentage of star falling outside central band per profile

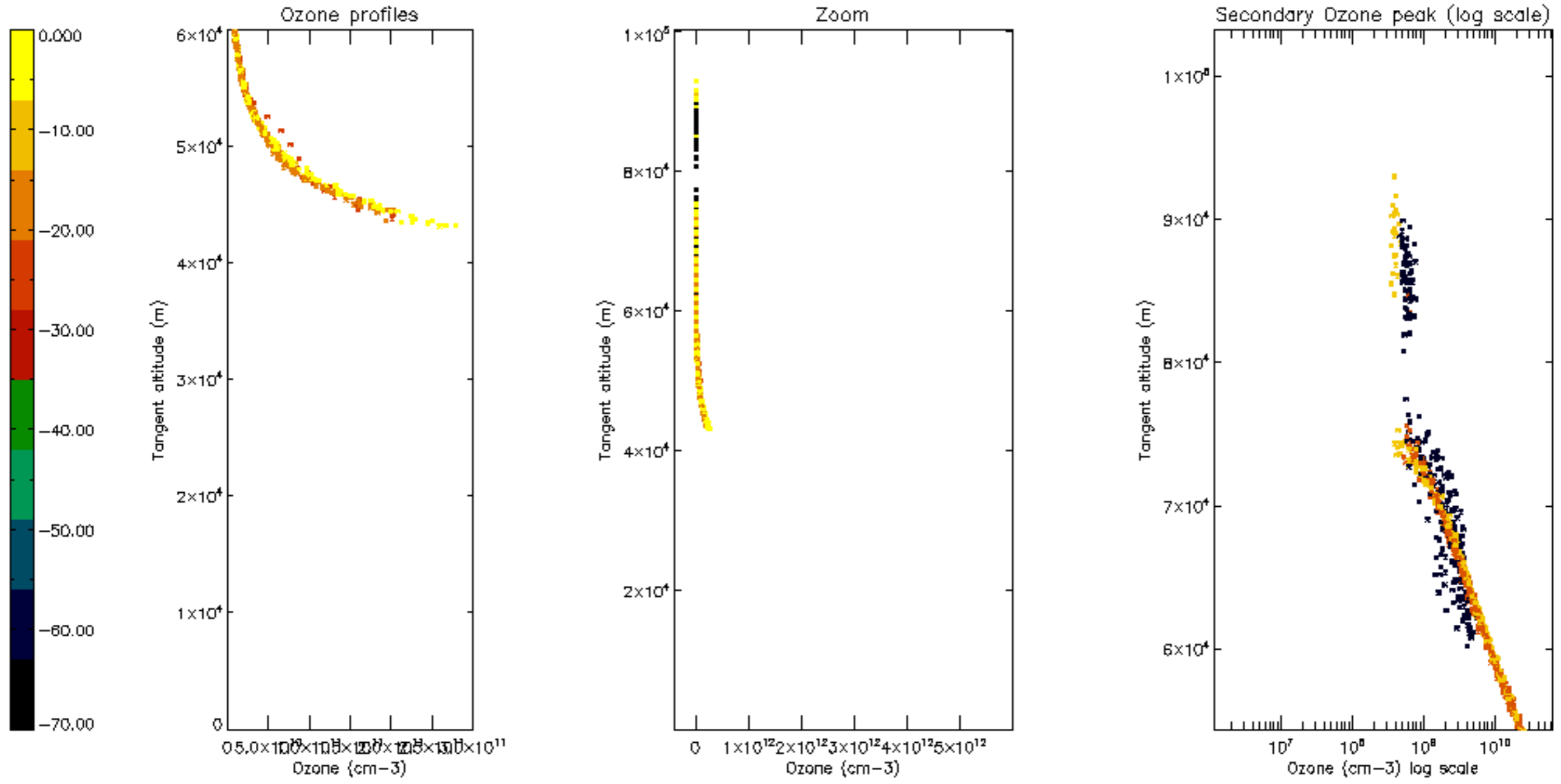


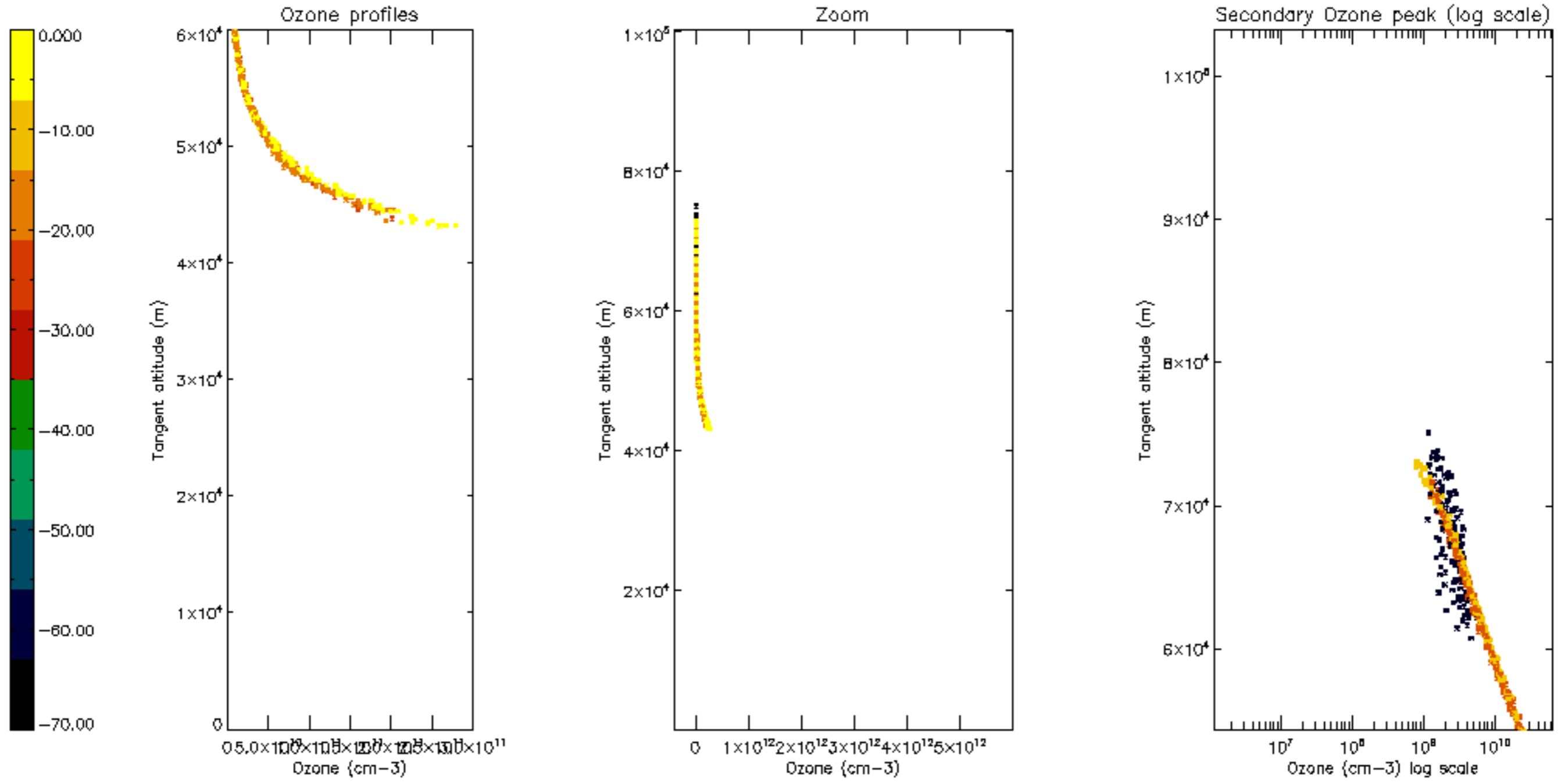
Percentage of saturation errors per profile

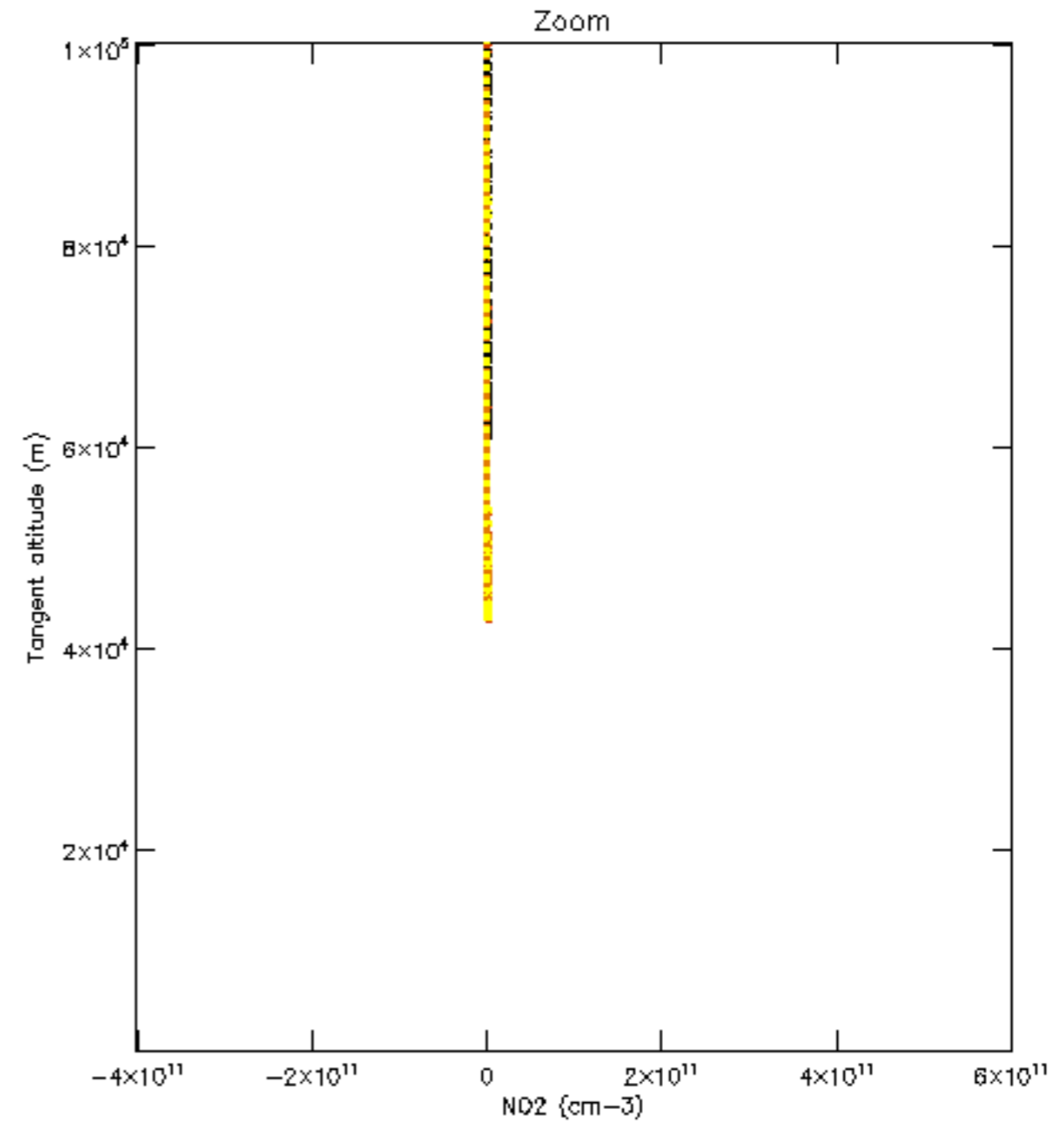
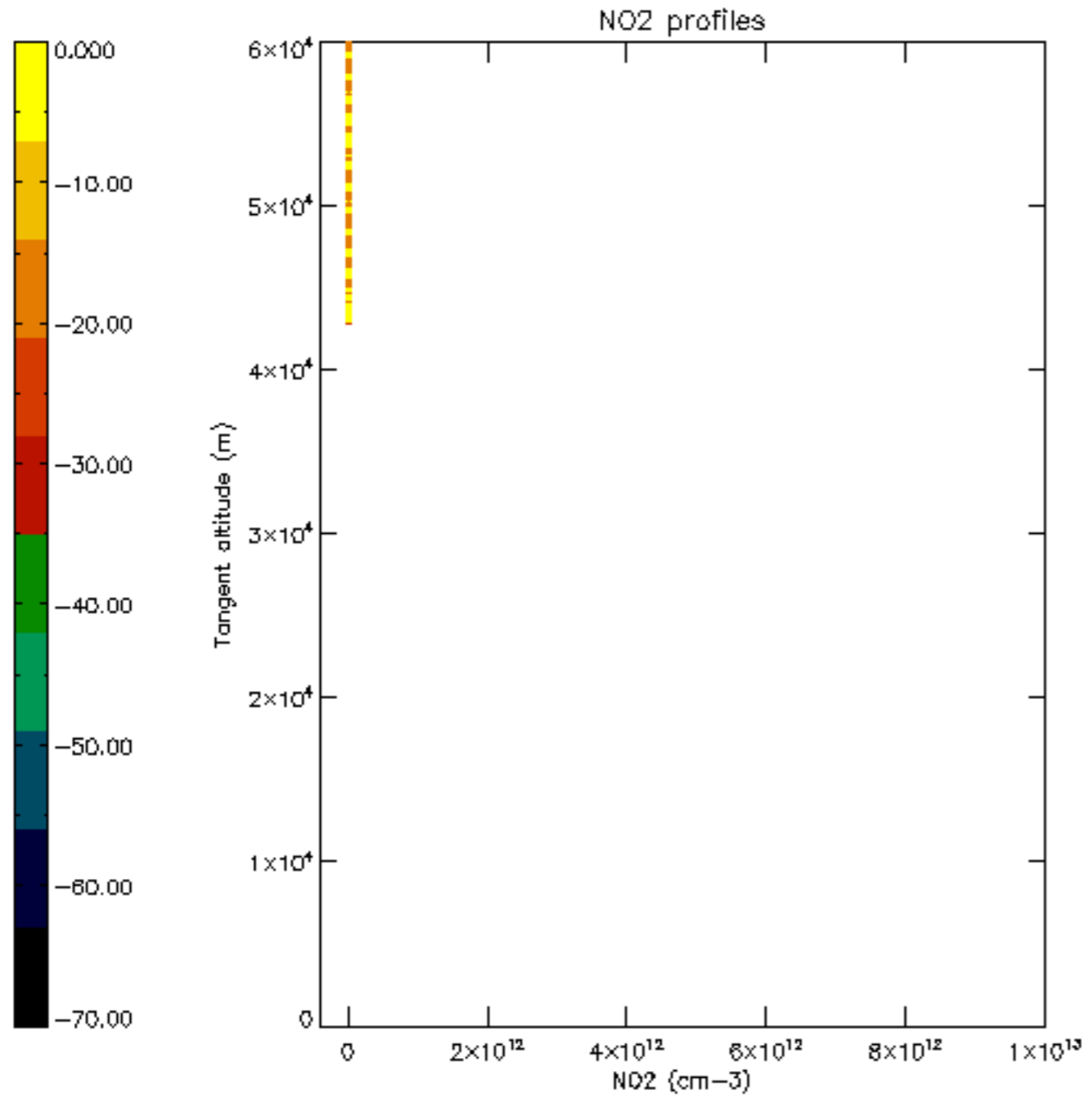


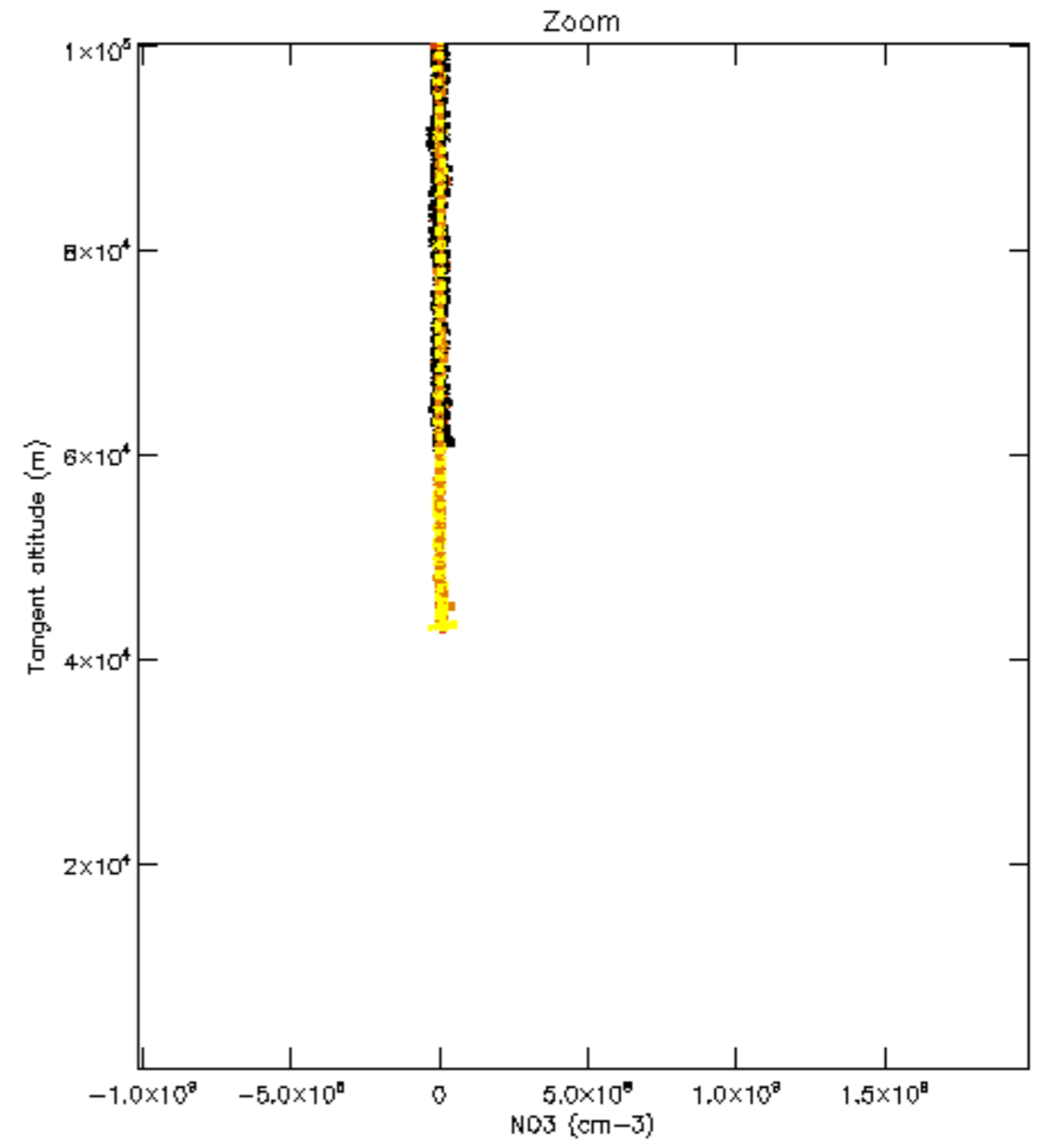
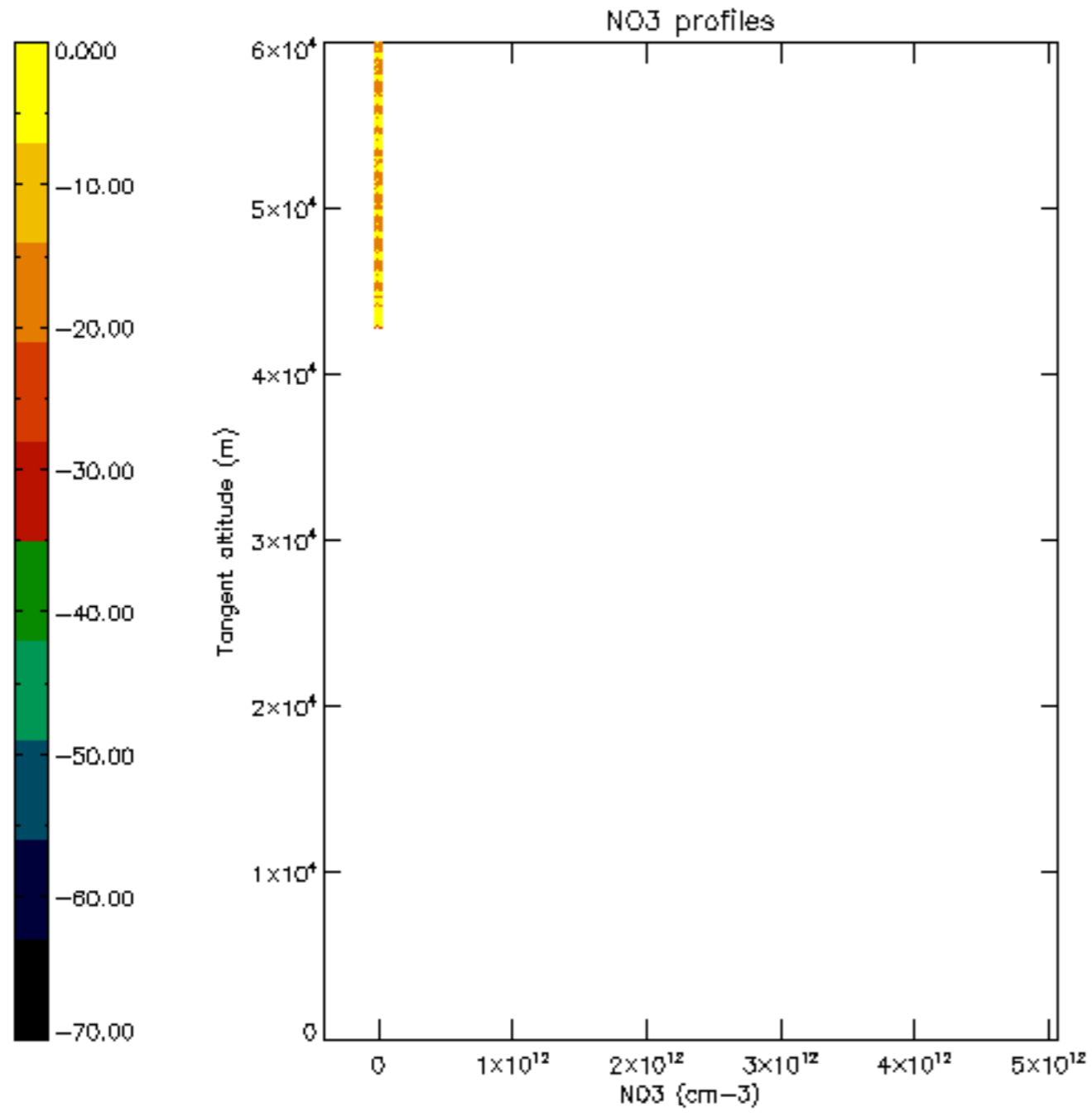


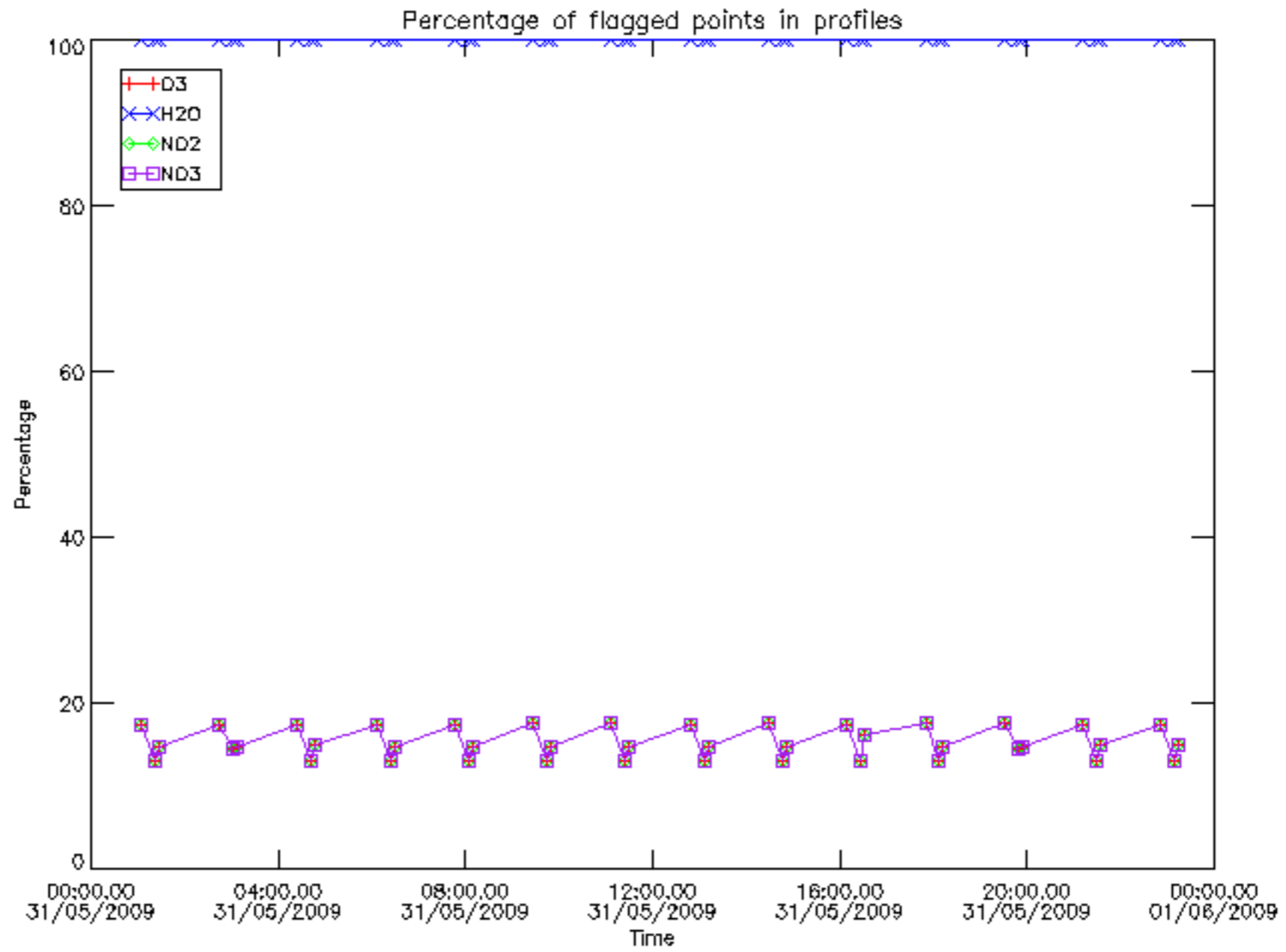




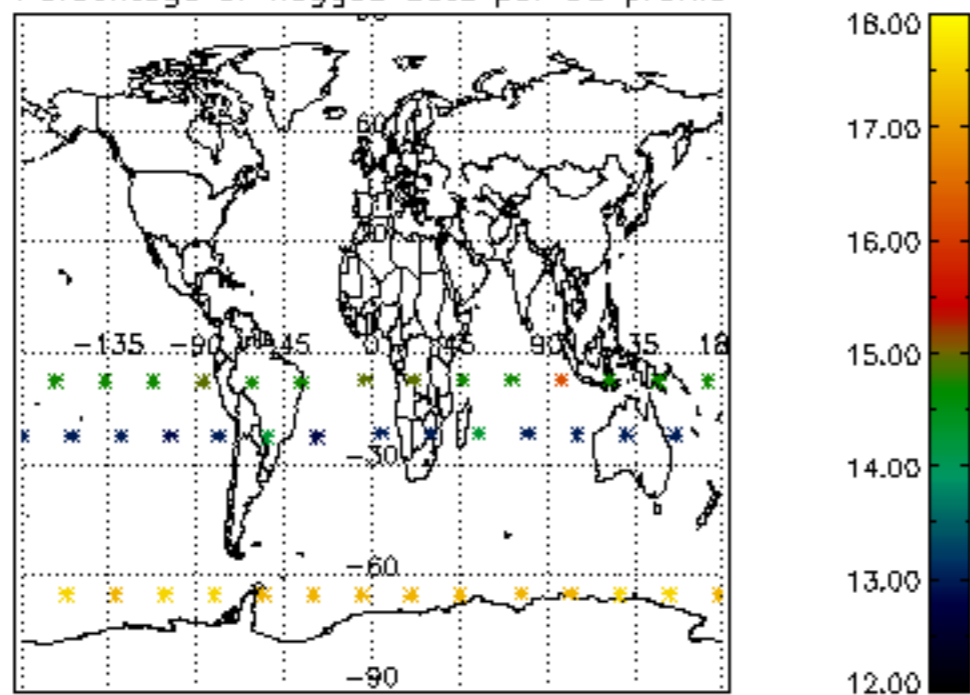




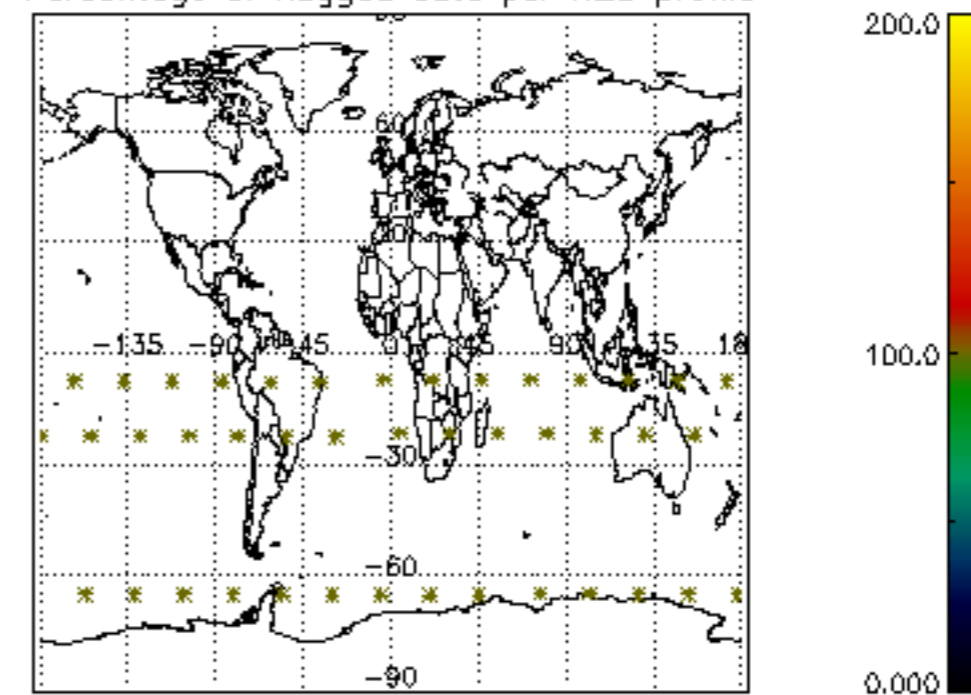




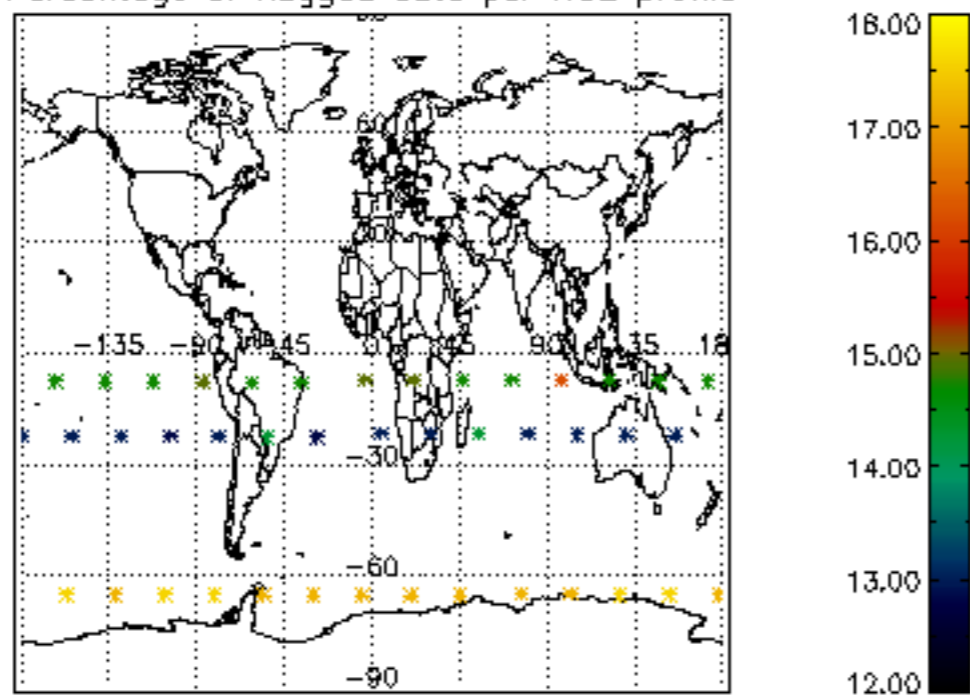
Percentage of flagged data per D3 profile



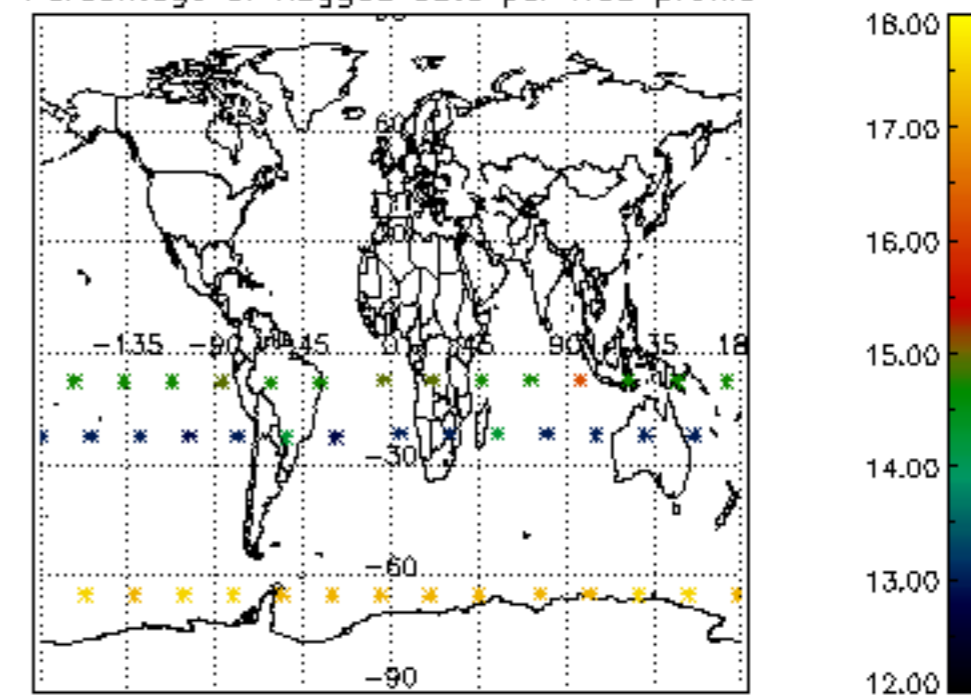
Percentage of flagged data per H2O profile

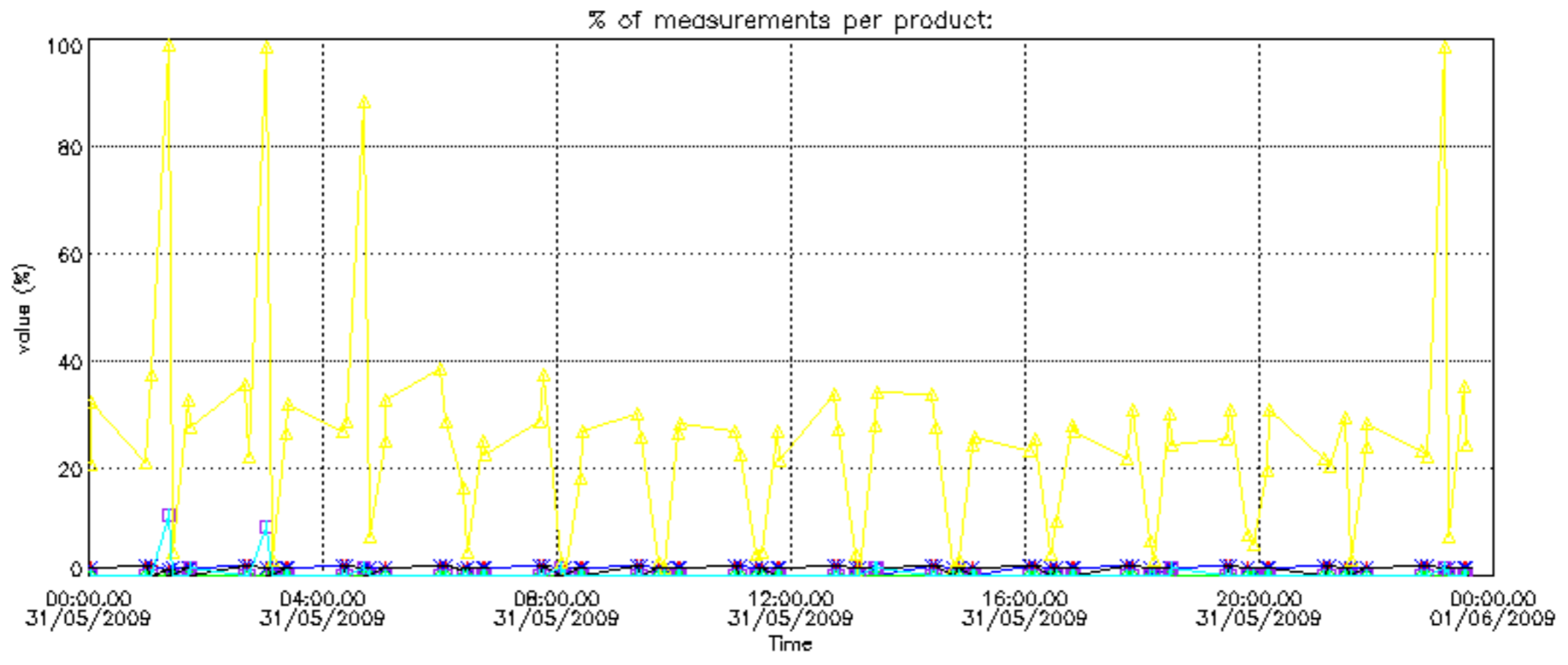


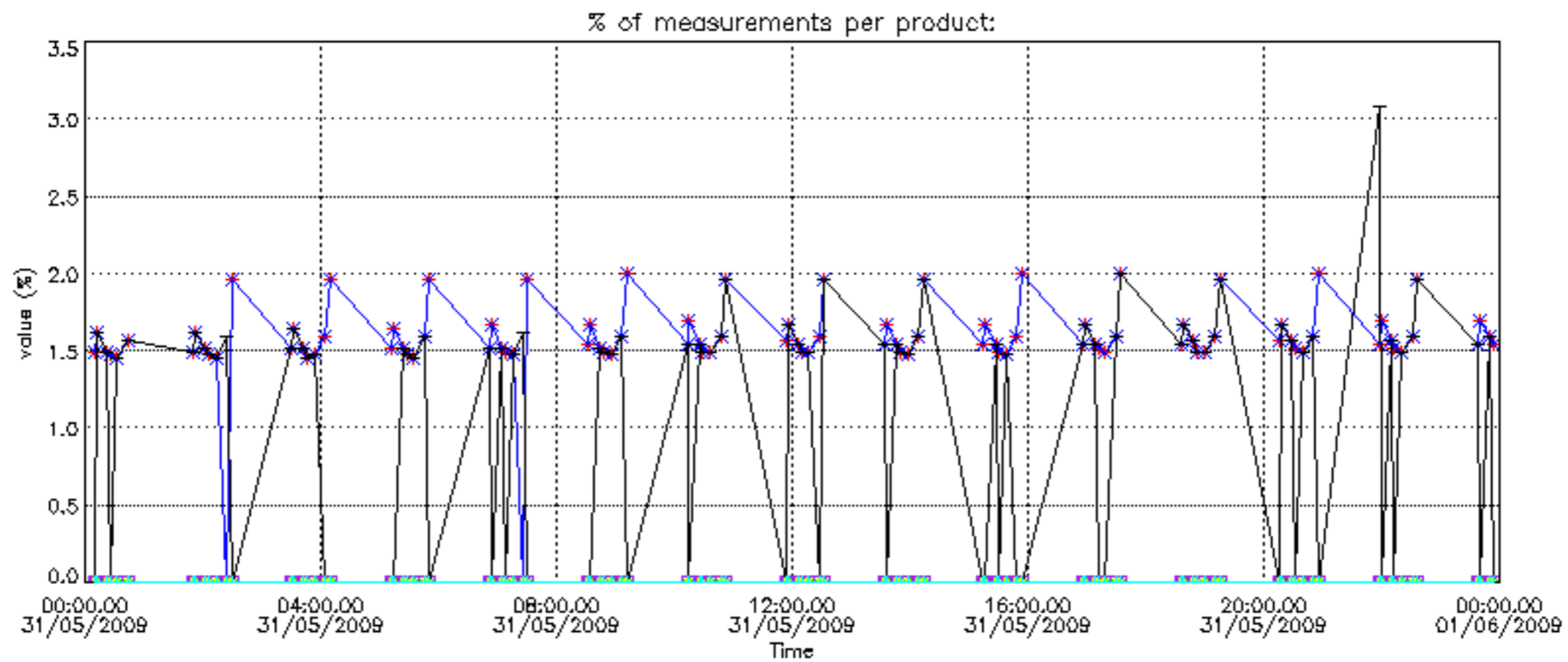
Percentage of flagged data per NO2 profile



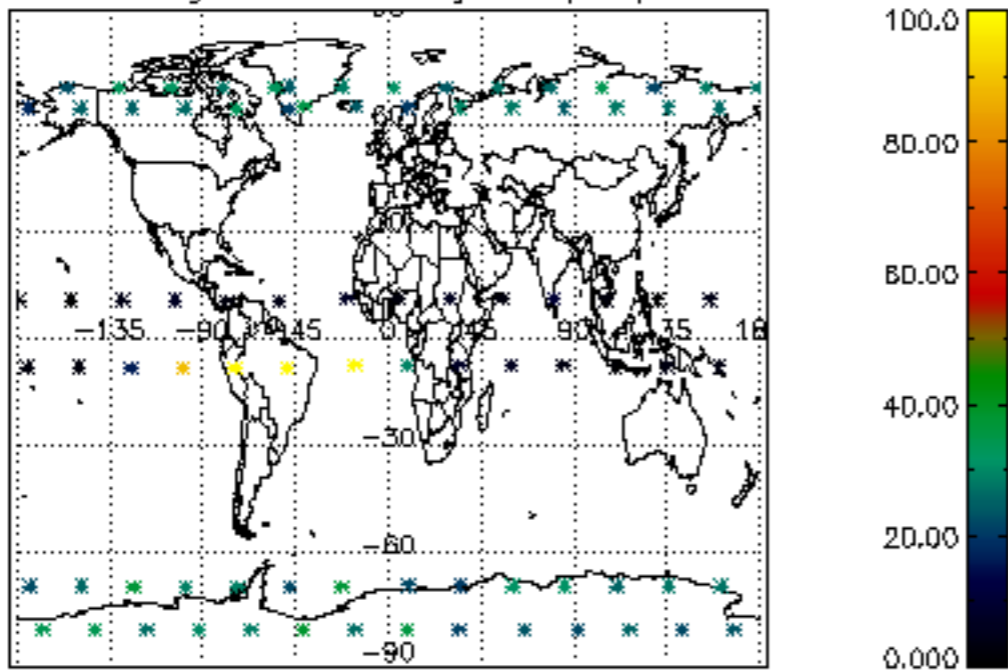
Percentage of flagged data per NO3 profile



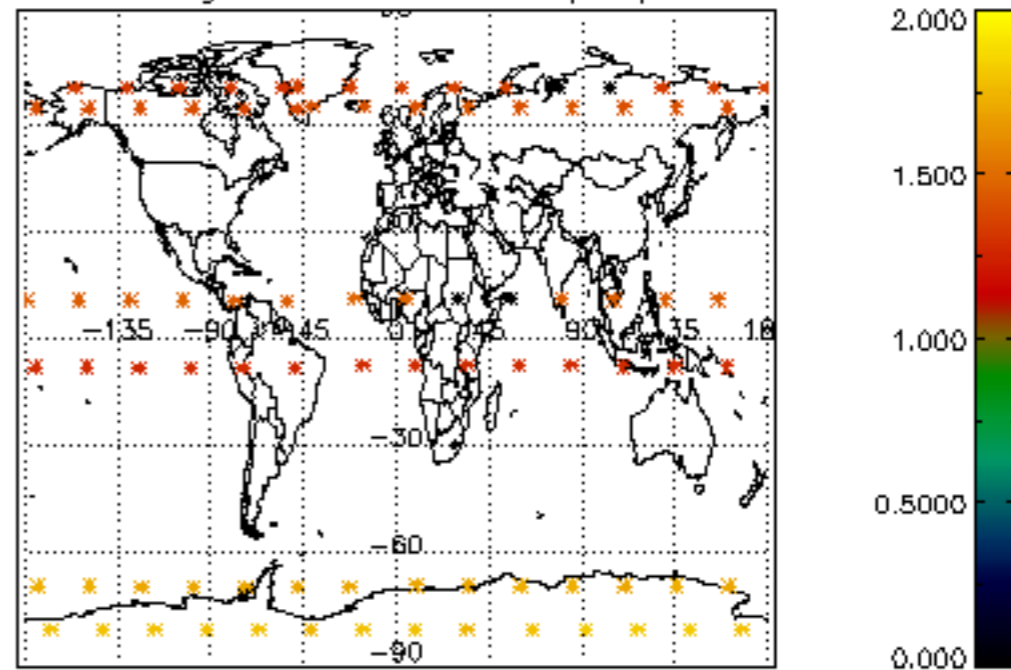




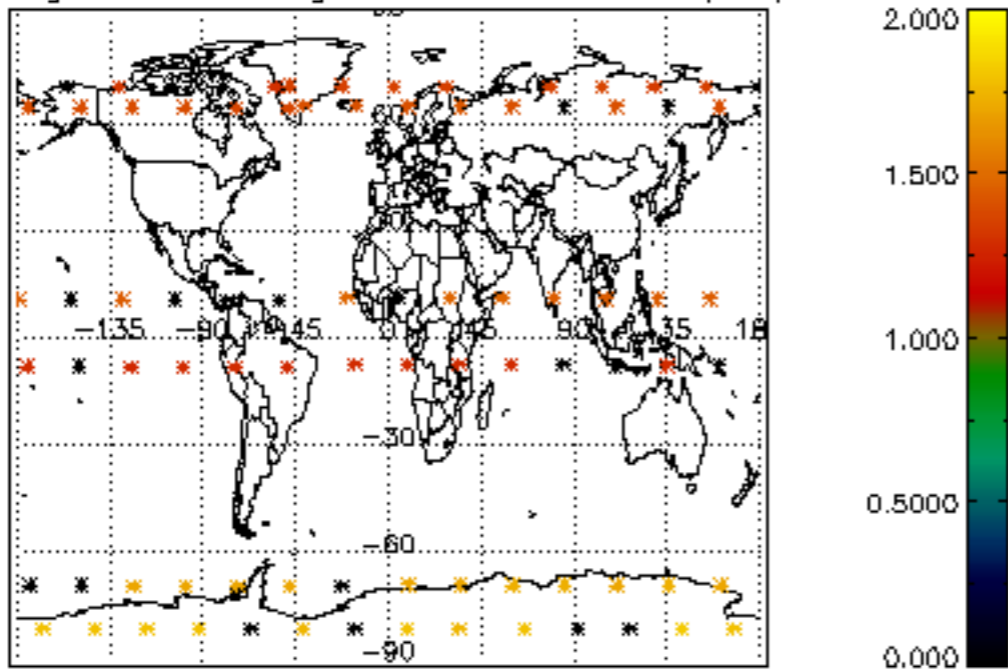
Percentage of cosmic ray hits per profile



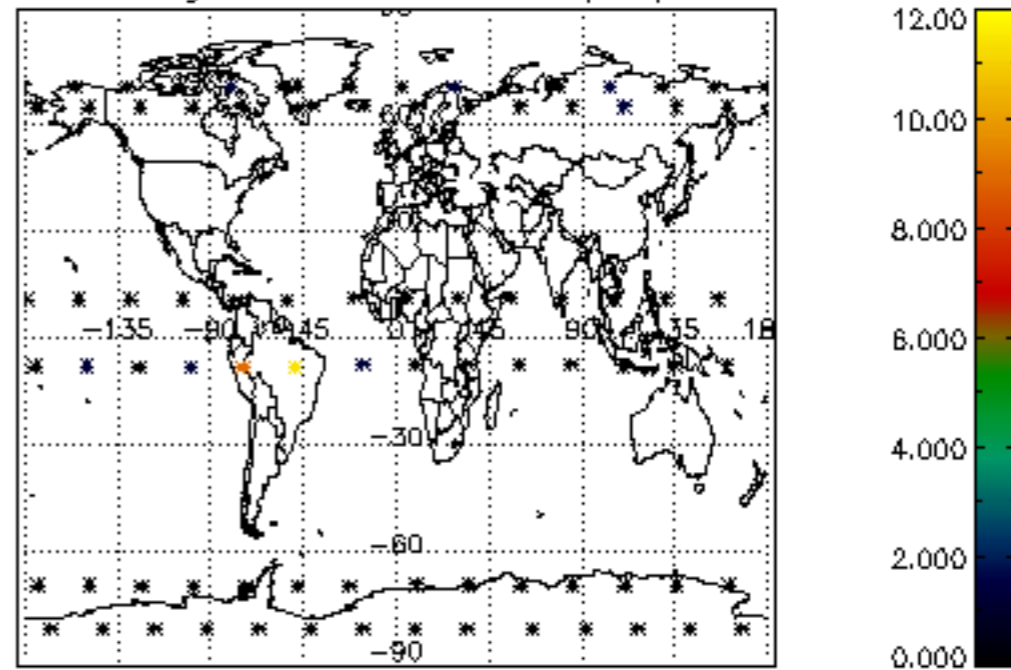
Percentage of datation errors per profile



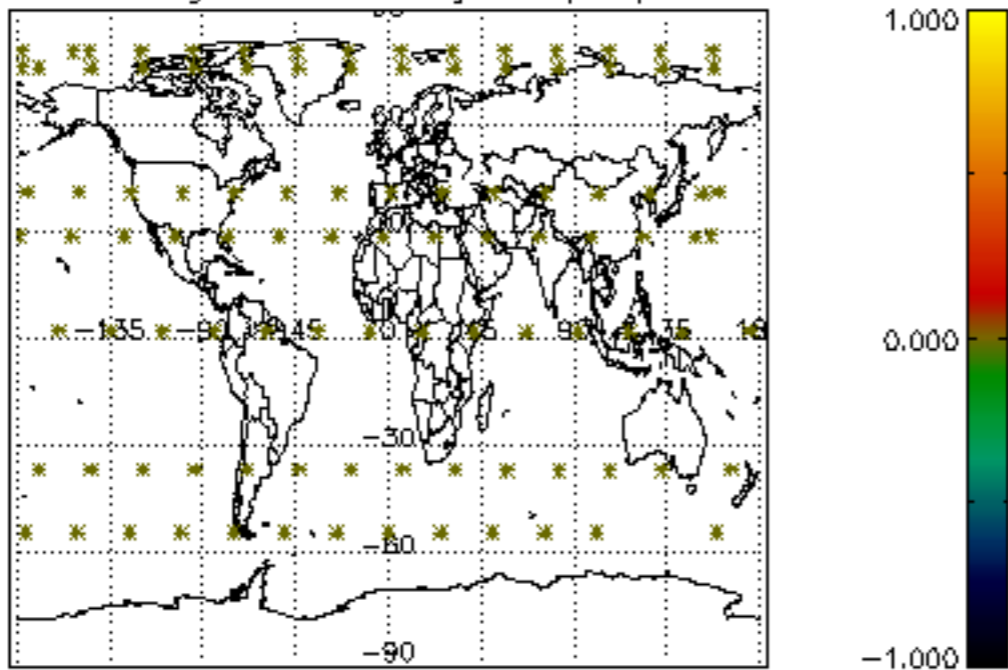
Percentage of star falling outside central band per profile



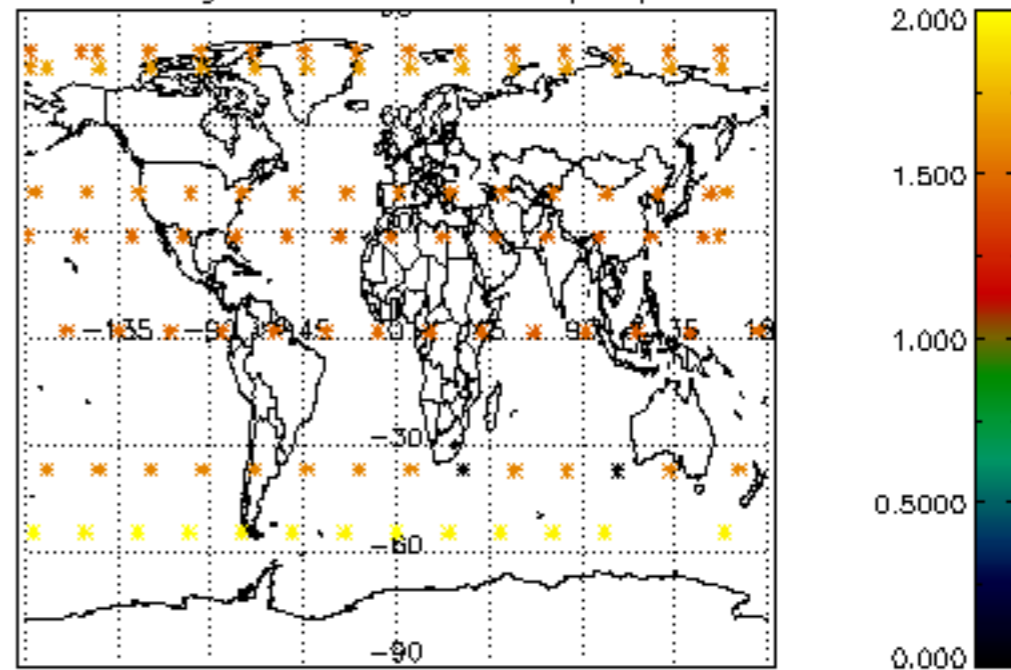
Percentage of saturation errors per profile



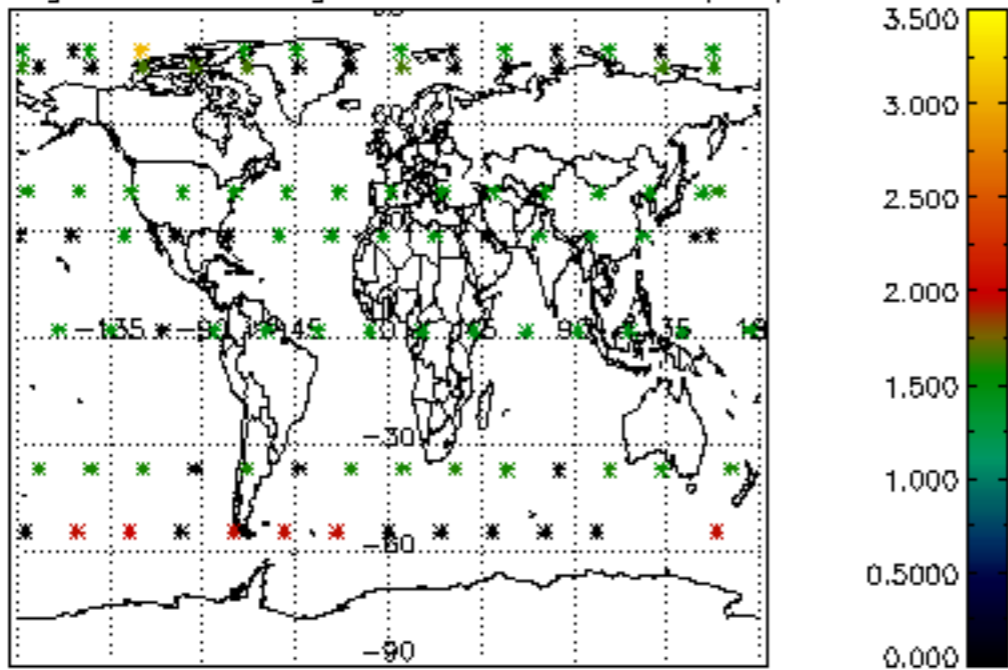
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

