

# 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	22APR2013 19:31:22
Data source version	GOMOS/6.01
Start time of products	13-05-2007 (13MAY2007 00:00:00)
Stop time of products	14-05-2007 (14MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	272
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__2PRFIN20070513_000319_000000512058_00073_27181_9580.N1	13-MAY-2007 00:03:19	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	27181	No
2	GOM_NL__2PRFIN20070513_001644_000000492058_00073_27181_9581.N1	13-MAY-2007 00:16:44	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	27181	No
3	GOM_NL__2PRFIN20070513_002235_000000402058_00073_27181_9582.N1	13-MAY-2007 00:22:35	Dark	40.000	31	Alp Gru	1.7340	15200.	80	27181	No
4	GOM_NL__2PRFIN20070513_002810_000000412058_00074_27182_9580.N1	13-MAY-2007 00:28:10	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27182	No
5	GOM_NL__2PRFIN20070513_003530_000000422058_00074_27182_9581.N1	13-MAY-2007 00:35:30	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27182	No
6	GOM_NL__2PRFIN20070513_003756_000000522058_00074_27182_9582.N1	13-MAY-2007 00:37:56	Straylight	52.000	40	The Sco	1.8590	7100.0	104	27182	No
7	GOM_NL__2PRFIN20070513_003948_000000582058_00074_27182_9583.N1	13-MAY-2007 00:39:48	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	27182	No
8	GOM_NL__2PRFIN20070513_004218_000000552058_00074_27182_9584.N1	13-MAY-2007 00:42:18	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	27182	No
9	GOM_NL__2PRFIN20070513_004532_000000572058_00074_27182_9585.N1	13-MAY-2007 00:45:32	Twilight_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	27182	No
10	GOM_NL__2PRFIN20070513_004721_000000542058_00074_27182_9586.N1	13-MAY-2007 00:47:21	Bright	53.500	80	7Del Sco	2.3160	30000.	107	27182	No
11	GOM_NL__2PRFIN20070513_005007_000000382058_00074_27182_9587.N1	13-MAY-2007 00:50:07	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27182	No
12	GOM_NL__2PRFIN20070513_005203_000000402058_00074_27182_9588.N1	13-MAY-2007 00:52:03	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27182	No
13	GOM_NL__2PRFIN20070513_005740_000000462058_00074_27182_9589.N1	13-MAY-2007 00:57:40	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	27182	No
14	GOM_NL__2PRFIN20070513_010310_000000412058_00074_27182_9590.N1	13-MAY-2007 01:03:10	Bright	40.500	83		2.3780	11000.	81	27182	No
15	GOM_NL__2PRFIN20070513_010617_000000372058_00074_27182_9591.N1	13-MAY-2007 01:06:17	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27182	No
16	GOM_NL__2PRFIN20070513_011513_000000432058_00074_27182_9592.N1	13-MAY-2007 01:15:13	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	27182	No
17	GOM_NL__2PRFIN20070513_012607_000000562058_00074_27182_9593.N1	13-MAY-2007 01:26:07	Bright	55.500	89	5Alp Cep	2.4510	8000.0	111	27182	No
18	GOM_NL__2PRFIN20070513_012922_000000352058_00074_27182_9594.N1	13-MAY-2007 01:29:22	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	27182	No
19	GOM_NL__2PRFIN20070513_013926_000000602058_00074_27182_9595.N1	13-MAY-2007 01:39:26	Twilight_stray	60.000	93	53Bet Peg	2.5200	3100.0	120	27182	No
20	GOM_NL__2PRFIN20070513_014356_000000522058_00074_27182_9596.N1	13-MAY-2007 01:43:56	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27182	No
21	GOM_NL__2PRFIN20070513_015720_000000472058_00074_27182_9597.N1	13-MAY-2007 01:57:20	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	27182	No
22	GOM_NL__2PRFIN20070513_020311_000000422058_00074_27182_9598.N1	13-MAY-2007 02:03:11	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27182	No
23	GOM_NL__2PRFIN20070513_020847_000000432058_00075_27183_9595.N1	13-MAY-2007 02:08:47	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27183	No
24	GOM_NL__2PRFIN20070513_021607_000000412058_00075_27183_9596.N1	13-MAY-2007 02:16:07	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27183	No
25	GOM_NL__2PRFIN20070513_021833_000000512058_00075_27183_9597.N1	13-MAY-2007 02:18:33	Straylight	50.500	40	The Sco	1.8590	7100.0	101	27183	No
26	GOM_NL__2PRFIN20070513_022025_000000572058_00075_27183_9598.N1	13-MAY-2007 02:20:25	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	27183	No
27	GOM_NL__2PRFIN20070513_022255_000000542058_00075_27183_9599.N1	13-MAY-2007 02:22:55	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	27183	No
28	GOM_NL__2PRFIN20070513_022608_000000652058_00075_27183_9600.N1	13-MAY-2007 02:26:08	Twilight_stray	64.500	16	21Alp Sco	1.0200	3000.0	129	27183	No
29	GOM_NL__2PRFIN20070513_022757_000000552058_00075_27183_9601.N1	13-MAY-2007 02:27:57	Bright	55.000	80	7Del Sco	2.3160	30000.	110	27183	No
30	GOM_NL__2PRFIN20070513_023043_000000382058_00075_27183_9602.N1	13-MAY-2007 02:30:43	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27183	No
31	GOM_NL__2PRFIN20070513_023239_000000422058_00075_27183_9603.N1	13-MAY-2007 02:32:39	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	27183	No
32	GOM_NL__2PRFIN20070513_023816_000000462058_00075_27183_9604.N1	13-MAY-2007 02:38:16	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	27183	No
33	GOM_NL__2PRFIN20070513_024346_000000412058_00075_27183_9605.N1	13-MAY-2007 02:43:46	Bright	40.500	83		2.3780	11000.	81	27183	No
34	GOM_NL__2PRFIN20070513_024653_000000362058_00075_27183_9606.N1	13-MAY-2007 02:46:53	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27183	No
35	GOM_NL__2PRFIN20070513_025549_000000382058_00075_27183_9607.N1	13-MAY-2007 02:55:49	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27183	No
36	GOM_NL__2PRFIN20070513_030642_000000432058_00075_27183_9608.N1	13-MAY-2007 03:06:42	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27183	No
37	GOM_NL__2PRFIN20070513_030957_000000372058_00075_27183_9609.N1	13-MAY-2007 03:09:57	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	27183	No
38	GOM_NL__2PRFIN20070513_032003_000000602058_00075_27183_9610.N1	13-MAY-2007 03:20:03	Twilight_stray	60.000	93	53Bet Peg	2.5200	3100.0	120	27183	No
39	GOM_NL__2PRFIN20070513_032432_000000522058_00075_27183_9611.N1	13-MAY-2007 03:24:32	Dark	51.500	90	54Alp Peg	2.4870	11000.	103	27183	No
40	GOM_NL__2PRFIN20070513_033757_000000482058_00075_27183_9612.N1	13-MAY-2007 03:37:57	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	27183	No
41	GOM_NL__2PRFIN20070513_034348_000000432058_00075_27183_9613.N1	13-MAY-2007 03:43:48	Dark	42.500	31	Alp Gru	1.7340	15200.	85	27183	No
42	GOM_NL__2PRFIN20070513_034923_000000412058_00076_27184_9606.N1	13-MAY-2007 03:49:23	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27184	No

43	GOM_NL__2PRFIN20070513_035643_000000412058_00076_27184_9607.N1	13-MAY-2007 03:56:43	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27184	No
44	GOM_NL__2PRFIN20070513_035910_000000522058_00076_27184_9608.N1	13-MAY-2007 03:59:10	Straylight	52.000	40	The Sco	1.8590	7100.0	104	27184	No
45	GOM_NL__2PRFIN20070513_040101_000000592058_00076_27184_9609.N1	13-MAY-2007 04:01:01	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	27184	No
46	GOM_NL__2PRFIN20070513_040331_000000552058_00076_27184_9610.N1	13-MAY-2007 04:03:31	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	27184	No
47	GOM_NL__2PRFIN20070513_040644_000000682058_00076_27184_9611.N1	13-MAY-2007 04:06:44	Tw_i_and_stray	68.000	16	21Alp Sco	1.0200	3000.0	136	27184	No
48	GOM_NL__2PRFIN20070513_040833_000000582058_00076_27184_9612.N1	13-MAY-2007 04:08:33	Bright	58.000	80	7Del Sco	2.3160	30000.	116	27184	No
49	GOM_NL__2PRFIN20070513_041119_000000382058_00076_27184_9613.N1	13-MAY-2007 04:11:19	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27184	No
50	GOM_NL__2PRFIN20070513_041315_000000412058_00076_27184_9614.N1	13-MAY-2007 04:13:15	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27184	No
51	GOM_NL__2PRFIN20070513_041851_000000462058_00076_27184_9615.N1	13-MAY-2007 04:18:51	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	27184	No
52	GOM_NL__2PRFIN20070513_042422_000000402058_00076_27184_9616.N1	13-MAY-2007 04:24:22	Bright	40.000	83		2.3780	11000.	80	27184	No
53	GOM_NL__2PRFIN20070513_042729_000000382058_00076_27184_9617.N1	13-MAY-2007 04:27:29	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	27184	No
54	GOM_NL__2PRFIN20070513_043624_000000482058_00076_27184_9618.N1	13-MAY-2007 04:36:24	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	27184	No
55	GOM_NL__2PRFIN20070513_044718_000000632058_00076_27184_9619.N1	13-MAY-2007 04:47:18	Bright	63.000	89	5Alp Cep	2.4510	8000.0	126	27184	No
56	GOM_NL__2PRFIN20070513_045034_000000352058_00076_27184_9620.N1	13-MAY-2007 04:50:34	Bright	34.500	74	11Bet Cas	2.2680	6600.0	69	27184	No
57	GOM_NL__2PRFIN20070513_050039_000000592058_00076_27184_9621.N1	13-MAY-2007 05:00:39	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	27184	No
58	GOM_NL__2PRFIN20070513_050508_000000502058_00076_27184_9622.N1	13-MAY-2007 05:05:08	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	27184	No
59	GOM_NL__2PRFIN20070513_051834_000000502058_00076_27184_9623.N1	13-MAY-2007 05:18:34	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	27184	No
60	GOM_NL__2PRFIN20070513_052425_000000442058_00076_27184_9624.N1	13-MAY-2007 05:24:25	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27184	No
61	GOM_NL__2PRFIN20070513_053000_000000402058_00077_27185_9628.N1	13-MAY-2007 05:30:00	Dark	40.000	45	Alp Pav	1.9400	26000.	80	27185	No
62	GOM_NL__2PRFIN20070513_053720_000000452058_00077_27185_9629.N1	13-MAY-2007 05:37:20	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	27185	No
63	GOM_NL__2PRFIN20070513_053946_000000532058_00077_27185_9630.N1	13-MAY-2007 05:39:46	Straylight	52.500	40	The Sco	1.8590	7100.0	105	27185	No
64	GOM_NL__2PRFIN20070513_054138_000000562058_00077_27185_9631.N1	13-MAY-2007 05:41:38	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	27185	No
65	GOM_NL__2PRFIN20070513_054408_000000542058_00077_27185_9632.N1	13-MAY-2007 05:44:08	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	27185	No
66	GOM_NL__2PRFIN20070513_054721_000000602058_00077_27185_9633.N1	13-MAY-2007 05:47:21	Tw_i_and_stray	59.500	16	21Alp Sco	1.0200	3000.0	119	27185	No
67	GOM_NL__2PRFIN20070513_054909_000000602058_00077_27185_9634.N1	13-MAY-2007 05:49:09	Bright	60.000	80	7Del Sco	2.3160	30000.	120	27185	No
68	GOM_NL__2PRFIN20070513_055155_000000382058_00077_27185_9635.N1	13-MAY-2007 05:51:55	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27185	No
69	GOM_NL__2PRFIN20070513_055351_000000412058_00077_27185_9636.N1	13-MAY-2007 05:53:51	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27185	No
70	GOM_NL__2PRFIN20070513_055927_000000472058_00077_27185_9637.N1	13-MAY-2007 05:59:27	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	27185	No
71	GOM_NL__2PRFIN20070513_060458_000000392058_00077_27185_9638.N1	13-MAY-2007 06:04:58	Bright	38.500	83		2.3780	11000.	77	27185	No
72	GOM_NL__2PRFIN20070513_060805_000000392058_00077_27185_9639.N1	13-MAY-2007 06:08:05	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	27185	No
73	GOM_NL__2PRFIN20070513_061700_000000412058_00077_27185_9640.N1	13-MAY-2007 06:17:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27185	No
74	GOM_NL__2PRFIN20070513_062754_000000442058_00077_27185_9641.N1	13-MAY-2007 06:27:54	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	27185	No
75	GOM_NL__2PRFIN20070513_063110_000000542058_00077_27185_9642.N1	13-MAY-2007 06:31:10	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	27185	No
76	GOM_NL__2PRFIN20070513_064115_000000662058_00077_27185_9643.N1	13-MAY-2007 06:41:15	Tw_i_and_stray	65.500	93	53Bet Peg	2.5200	3100.0	131	27185	No
77	GOM_NL__2PRFIN20070513_064545_000000522058_00077_27185_9644.N1	13-MAY-2007 06:45:45	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27185	No
78	GOM_NL__2PRFIN20070513_065911_000000422058_00077_27185_9645.N1	13-MAY-2007 06:59:11	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	27185	No
79	GOM_NL__2PRFIN20070513_070502_000000422058_00077_27185_9646.N1	13-MAY-2007 07:05:02	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27185	No
80	GOM_NL__2PRFIN20070513_071037_000000402058_00078_27186_9641.N1	13-MAY-2007 07:10:37	Dark	40.000	45	Alp Pav	1.9400	26000.	80	27186	No
81	GOM_NL__2PRFIN20070513_071756_000000432058_00078_27186_9642.N1	13-MAY-2007 07:17:56	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27186	No
82	GOM_NL__2PRFIN20070513_072023_000000522058_00078_27186_9643.N1	13-MAY-2007 07:20:23	Straylight	51.500	40	The Sco	1.8590	7100.0	103	27186	No
83	GOM_NL__2PRFIN20070513_072215_000000572058_00078_27186_9644.N1	13-MAY-2007 07:22:15	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	27186	No
84	GOM_NL__2PRFIN20070513_072444_000000542058_00078_27186_9645.N1	13-MAY-2007 07:24:44	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	27186	No
85	GOM_NL__2PRFIN20070513_072757_000000682058_00078_27186_9646.N1	13-MAY-2007 07:27:57	Tw_i_and_stray	68.000	16	21Alp Sco	1.0200	3000.0	136	27186	No
86	GOM_NL__2PRFIN20070513_072946_000000532058_00078_27186_9647.N1	13-MAY-2007 07:29:46	Bright	53.000	80	7Del Sco	2.3160	30000.	106	27186	No
87	GOM_NL__2PRFIN20070513_073231_000000392058_00078_27186_9648.N1	13-MAY-2007 07:32:31	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	27186	No
88	GOM_NL__2PRFIN20070513_073427_000000412058_00078_27186_9649.N1	13-MAY-2007 07:34:27	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27186	No
89	GOM_NL__2PRFIN20070513_074003_000000482058_00078_27186_9650.N1	13-MAY-2007 07:40:03	Bright	47.500	102	24Alp Ser	2.6000	4250.0	95	27186	No
90	GOM_NL__2PRFIN20070513_074533_000000412058_00078_27186_9651.N1	13-MAY-2007 07:45:33	Bright	40.500	83		2.3780	11000.	81	27186	No
91	GOM_NL__2PRFIN20070513_074841_000000382058_00078_27186_9652.N1	13-MAY-2007 07:48:41	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	27186	No
92	GOM_NL__2PRFIN20070513_075735_000000412058_00078_27186_9653.N1	13-MAY-2007 07:57:35	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27186	No
93	GOM_NL__2PRFIN20070513_080829_000000652058_00078_27186_9654.N1	13-MAY-2007 08:08:29	Bright	65.000	89	5Alp Cep	2.4510	8000.0	130	27186	No
94	GOM_NL__2PRFIN20070513_081145_000000392058_00078_27186_9655.N1	13-MAY-2007 08:11:45	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	27186	No
95	GOM_NL__2PRFIN20070513_082151_000000562058_00078_27186_9656.N1	13-MAY-2007 08:21:51	Tw_i_and_stray	56.000	93	53Bet Peg	2.5200	3100.0	112	27186	No
96	GOM_NL__2PRFIN20070513_082621_000000532058_00078_27186_9657.N1	13-MAY-2007 08:26:21	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27186	No
97	GOM_NL__2PRFIN20070513_083947_000000492058_00078_27186_9658.N1	13-MAY-2007 08:39:47	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	27186	No
98	GOM_NL__2PRFIN20070513_084538_000000522058_00078_27186_9659.N1	13-MAY-2007 08:45:38	Dark	52.000	31	Alp Gru	1.7340	15200.	104	27186	No
99	GOM_NL__2PRFIN20070513_085113_000000422058_00079_27187_9657.N1	13-MAY-2007 08:51:13	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27187	No
100	GOM_NL__2PRFIN20070513_085833_000000462058_00079_27187_9658.N1	13-MAY-2007 08:58:33	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	27187	No
101	GOM_NL__2PRFIN20070513_090100_000000522058_00079_27187_9659.N1	13-MAY-2007 09:01:00	Straylight	52.000	40	The Sco	1.8590	7100.0	104	27187	No

102	GOM_NL__2PRFIN20070513_090251_000000552058_00079_27187_9660.N1	13-MAY-2007 09:02:51	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	27187	No
103	GOM_NL__2PRFIN20070513_090521_000000582058_00079_27187_9661.N1	13-MAY-2007 09:05:21	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	27187	No
104	GOM_NL__2PRFIN20070513_090833_000000612058_00079_27187_9662.N1	13-MAY-2007 09:08:33	Tw_i_and_stray	61.000	16	21Alp Sco	1.0200	3000.0	122	27187	No
105	GOM_NL__2PRFIN20070513_091022_000000522058_00079_27187_9663.N1	13-MAY-2007 09:10:22	Bright	51.500	80	7Del Sco	2.3160	30000.	103	27187	No
106	GOM_NL__2PRFIN20070513_091308_000000382058_00079_27187_9664.N1	13-MAY-2007 09:13:08	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27187	No
107	GOM_NL__2PRFIN20070513_091503_000000412058_00079_27187_9665.N1	13-MAY-2007 09:15:03	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	27187	No
108	GOM_NL__2PRFIN20070513_092038_000000462058_00079_27187_9666.N1	13-MAY-2007 09:20:38	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	27187	No
109	GOM_NL__2PRFIN20070513_092609_000000422058_00079_27187_9667.N1	13-MAY-2007 09:26:09	Bright	41.500	83		2.3780	11000.	83	27187	No
110	GOM_NL__2PRFIN20070513_092916_000000362058_00079_27187_9668.N1	13-MAY-2007 09:29:16	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	27187	No
111	GOM_NL__2PRFIN20070513_093811_000000522058_00079_27187_9669.N1	13-MAY-2007 09:38:11	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	27187	No
112	GOM_NL__2PRFIN20070513_094904_000000582058_00079_27187_9670.N1	13-MAY-2007 09:49:04	Bright	58.000	89	5Alp Cep	2.4510	8000.0	116	27187	No
113	GOM_NL__2PRFIN20070513_095221_000000432058_00079_27187_9671.N1	13-MAY-2007 09:52:21	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	27187	No
114	GOM_NL__2PRFIN20070513_100227_000000522058_00079_27187_9672.N1	13-MAY-2007 10:02:27	Tw_i_and_stray	52.000	93	53Bet Peg	2.5200	3100.0	104	27187	No
115	GOM_NL__2PRFIN20070513_100658_000000532058_00079_27187_9673.N1	13-MAY-2007 10:06:58	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27187	No
116	GOM_NL__2PRFIN20070513_102024_000000482058_00079_27187_9674.N1	13-MAY-2007 10:20:24	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	27187	No
117	GOM_NL__2PRFIN20070513_102615_000000412058_00079_27187_9675.N1	13-MAY-2007 10:26:15	Dark	40.500	31	Alp Gru	1.7340	15200.	81	27187	No
118	GOM_NL__2PRFIN20070513_103150_000000412058_00080_27188_9672.N1	13-MAY-2007 10:31:50	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27188	No
119	GOM_NL__2PRFIN20070513_103909_000000442058_00080_27188_9673.N1	13-MAY-2007 10:39:09	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	27188	No
120	GOM_NL__2PRFIN20070513_104136_000000522058_00080_27188_9674.N1	13-MAY-2007 10:41:36	Straylight	51.500	40	The Sco	1.8590	7100.0	103	27188	No
121	GOM_NL__2PRFIN20070513_104328_000000542058_00080_27188_9675.N1	13-MAY-2007 10:43:28	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	27188	No
122	GOM_NL__2PRFIN20070513_104557_000000532058_00080_27188_9676.N1	13-MAY-2007 10:45:57	Straylight	53.000	75	26Eps Sco	2.2910	4250.0	106	27188	No
123	GOM_NL__2PRFIN20070513_104910_000000682058_00080_27188_9677.N1	13-MAY-2007 10:49:10	Tw_i_and_stray	67.500	16	21Alp Sco	1.0200	3000.0	135	27188	No
124	GOM_NL__2PRFIN20070513_105058_000000562058_00080_27188_9678.N1	13-MAY-2007 10:50:58	Bright	55.500	80	7Del Sco	2.3160	30000.	111	27188	No
125	GOM_NL__2PRFIN20070513_105344_000000382058_00080_27188_9679.N1	13-MAY-2007 10:53:44	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27188	No
126	GOM_NL__2PRFIN20070513_105539_000000402058_00080_27188_9680.N1	13-MAY-2007 10:55:39	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27188	No
127	GOM_NL__2PRFIN20070513_110114_000000452058_00080_27188_9681.N1	13-MAY-2007 11:01:14	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27188	No
128	GOM_NL__2PRFIN20070513_110645_000000412058_00080_27188_9682.N1	13-MAY-2007 11:06:45	Bright	40.500	83		2.3780	11000.	81	27188	No
129	GOM_NL__2PRFIN20070513_110952_000000382058_00080_27188_9683.N1	13-MAY-2007 11:09:52	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	27188	No
130	GOM_NL__2PRFIN20070513_111846_000000412058_00080_27188_9684.N1	13-MAY-2007 11:18:46	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27188	No
131	GOM_NL__2PRFIN20070513_112940_000000442058_00080_27188_9685.N1	13-MAY-2007 11:29:40	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	27188	No
132	GOM_NL__2PRFIN20070513_113257_000000412058_00080_27188_9686.N1	13-MAY-2007 11:32:57	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	27188	No
133	GOM_NL__2PRFIN20070513_114303_000000632058_00080_27188_9687.N1	13-MAY-2007 11:43:03	Tw_i_and_stray	62.500	93	53Bet Peg	2.5200	3100.0	125	27188	No
134	GOM_NL__2PRFIN20070513_114734_000000532058_00080_27188_9688.N1	13-MAY-2007 11:47:34	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27188	No
135	GOM_NL__2PRFIN20070513_120100_000000532058_00080_27188_9689.N1	13-MAY-2007 12:01:00	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	27188	No
136	GOM_NL__2PRFIN20070513_120651_000000442058_00080_27188_9690.N1	13-MAY-2007 12:06:51	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27188	No
137	GOM_NL__2PRFIN20070513_121227_000000422058_00081_27189_9694.N1	13-MAY-2007 12:12:27	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27189	No
138	GOM_NL__2PRFIN20070513_121946_000000472058_00081_27189_9695.N1	13-MAY-2007 12:19:46	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	27189	No
139	GOM_NL__2PRFIN20070513_122213_000000532058_00081_27189_9696.N1	13-MAY-2007 12:22:13	Straylight	52.500	40	The Sco	1.8590	7100.0	105	27189	No
140	GOM_NL__2PRFIN20070513_122405_000000522058_00081_27189_9697.N1	13-MAY-2007 12:24:05	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	27189	No
141	GOM_NL__2PRFIN20070513_122633_000000562058_00081_27189_9698.N1	13-MAY-2007 12:26:33	Straylight	56.000	75	26Eps Sco	2.2910	4250.0	112	27189	No
142	GOM_NL__2PRFIN20070513_122946_000000582058_00081_27189_9699.N1	13-MAY-2007 12:29:46	Tw_i_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	27189	No
143	GOM_NL__2PRFIN20070513_123134_000000522058_00081_27189_9700.N1	13-MAY-2007 12:31:34	Bright	52.000	80	7Del Sco	2.3160	30000.	104	27189	No
144	GOM_NL__2PRFIN20070513_123420_000000372058_00081_27189_9701.N1	13-MAY-2007 12:34:20	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	27189	No
145	GOM_NL__2PRFIN20070513_123615_000000392058_00081_27189_9702.N1	13-MAY-2007 12:36:15	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	27189	No
146	GOM_NL__2PRFIN20070513_124149_000000462058_00081_27189_9703.N1	13-MAY-2007 12:41:49	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	27189	No
147	GOM_NL__2PRFIN20070513_124720_000000392058_00081_27189_9704.N1	13-MAY-2007 12:47:20	Bright	38.500	83		2.3780	11000.	77	27189	No
148	GOM_NL__2PRFIN20070513_125028_000000372058_00081_27189_9705.N1	13-MAY-2007 12:50:28	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27189	No
149	GOM_NL__2PRFIN20070513_125921_000000422058_00081_27189_9706.N1	13-MAY-2007 12:59:21	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	27189	No
150	GOM_NL__2PRFIN20070513_131015_000000432058_00081_27189_9707.N1	13-MAY-2007 13:10:15	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27189	No
151	GOM_NL__2PRFIN20070513_131333_000000362058_00081_27189_9708.N1	13-MAY-2007 13:13:33	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	27189	No
152	GOM_NL__2PRFIN20070513_132339_000000572058_00081_27189_9709.N1	13-MAY-2007 13:23:39	Tw_i_and_stray	57.000	93	53Bet Peg	2.5200	3100.0	114	27189	No
153	GOM_NL__2PRFIN20070513_132810_000000522058_00081_27189_9710.N1	13-MAY-2007 13:28:10	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27189	No
154	GOM_NL__2PRFIN20070513_134137_000000552058_00081_27189_9711.N1	13-MAY-2007 13:41:37	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	27189	No
155	GOM_NL__2PRFIN20070513_134728_000000482058_00081_27189_9712.N1	13-MAY-2007 13:47:28	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27189	No
156	GOM_NL__2PRFIN20070513_135303_000000502058_00082_27190_9725.N1	13-MAY-2007 13:53:03	Dark	50.000	45	Alp Pav	1.9400	26000.	100	27190	No
157	GOM_NL__2PRFIN20070513_140022_000000502058_00082_27190_9726.N1	13-MAY-2007 14:00:22	Straylight	50.000	141	Bet Ara	2.8400	4600.0	100	27190	No
158	GOM_NL__2PRFIN20070513_140250_000000532058_00082_27190_9727.N1	13-MAY-2007 14:02:50	Straylight	53.000	40	The Sco	1.8590	7100.0	106	27190	No
159	GOM_NL__2PRFIN20070513_140441_000000502058_00082_27190_9728.N1	13-MAY-2007 14:04:41	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	27190	No
160	GOM_NL__2PRFIN20070513_140710_000000492058_00082_27190_9729.N1	13-MAY-2007 14:07:10	Straylight	49.000	75	26Eps Sco	2.2910	4250.0	98	27190	No



161	GOM_NL__2PRFIN20070513_141022_000000632058_00082_27190_9730.N1	13-MAY-2007 14:10:22	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	27190	No
162	GOM_NL__2PRFIN20070513_141210_000000582058_00082_27190_9731.N1	13-MAY-2007 14:12:10	Bright	57.500	80	7Del Sco	2.3160	30000.	115	27190	No
163	GOM_NL__2PRFIN20070513_141456_000000372058_00082_27190_9732.N1	13-MAY-2007 14:14:56	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	27190	No
164	GOM_NL__2PRFIN20070513_141651_000000402058_00082_27190_9733.N1	13-MAY-2007 14:16:51	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27190	No
165	GOM_NL__2PRFIN20070513_142225_000000452058_00082_27190_9734.N1	13-MAY-2007 14:22:25	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	27190	No
166	GOM_NL__2PRFIN20070513_142756_000000382058_00082_27190_9735.N1	13-MAY-2007 14:27:56	Bright	37.500	83		2.3780	11000.	75	27190	No
167	GOM_NL__2PRFIN20070513_143103_000000372058_00082_27190_9736.N1	13-MAY-2007 14:31:03	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27190	No
168	GOM_NL__2PRFIN20070513_143957_000000422058_00082_27190_9737.N1	13-MAY-2007 14:39:57	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	27190	No
169	GOM_NL__2PRFIN20070513_145051_000000432058_00082_27190_9738.N1	13-MAY-2007 14:50:51	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27190	No
170	GOM_NL__2PRFIN20070513_145409_000000362058_00082_27190_9739.N1	13-MAY-2007 14:54:09	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	27190	No
171	GOM_NL__2PRFIN20070513_150416_000000542058_00082_27190_9740.N1	13-MAY-2007 15:04:16	Twilight	53.500	93	53Bet Peg	2.5200	3100.0	107	27190	No
172	GOM_NL__2PRFIN20070513_150847_000000532058_00082_27190_9741.N1	13-MAY-2007 15:08:47	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	27190	No
173	GOM_NL__2PRFIN20070513_152214_000000472058_00082_27190_9742.N1	13-MAY-2007 15:22:14	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	27190	No
174	GOM_NL__2PRFIN20070513_152805_000000432058_00082_27190_9743.N1	13-MAY-2007 15:28:05	Dark	42.500	31	Alp Gru	1.7340	15200.	85	27190	No
175	GOM_NL__2PRFIN20070513_153340_000000412058_00083_27191_9722.N1	13-MAY-2007 15:33:40	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27191	No
176	GOM_NL__2PRFIN20070513_154059_000000412058_00083_27191_9723.N1	13-MAY-2007 15:40:59	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27191	No
177	GOM_NL__2PRFIN20070513_154326_000000532058_00083_27191_9724.N1	13-MAY-2007 15:43:26	Straylight	53.000	40	The Sco	1.8590	7100.0	106	27191	No
178	GOM_NL__2PRFIN20070513_154518_000000562058_00083_27191_9725.N1	13-MAY-2007 15:45:18	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	27191	No
179	GOM_NL__2PRFIN20070513_154746_000000522058_00083_27191_9726.N1	13-MAY-2007 15:47:46	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	27191	No
180	GOM_NL__2PRFIN20070513_155058_000000582058_00083_27191_9727.N1	13-MAY-2007 15:50:58	Twilight	57.500	16	21Alp Sco	1.0200	3000.0	115	27191	No
181	GOM_NL__2PRFIN20070513_155246_000000532058_00083_27191_9728.N1	13-MAY-2007 15:52:46	Bright	53.000	80	7Del Sco	2.3160	30000.	106	27191	No
182	GOM_NL__2PRFIN20070513_155532_000000382058_00083_27191_9729.N1	13-MAY-2007 15:55:32	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27191	No
183	GOM_NL__2PRFIN20070513_155727_000000532058_00083_27191_9730.N1	13-MAY-2007 15:57:27	Bright	53.000	104	27Bet Lib	2.6140	13100.	106	27191	No
184	GOM_NL__2PRFIN20070513_160300_000000462058_00083_27191_9731.N1	13-MAY-2007 16:03:00	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	27191	No
185	GOM_NL__2PRFIN20070513_160832_000000402058_00083_27191_9732.N1	13-MAY-2007 16:08:32	Bright	40.000	83		2.3780	11000.	80	27191	No
186	GOM_NL__2PRFIN20070513_161139_000000372058_00083_27191_9733.N1	13-MAY-2007 16:11:39	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27191	No
187	GOM_NL__2PRFIN20070513_162032_000000412058_00083_27191_9734.N1	13-MAY-2007 16:20:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	27191	No
188	GOM_NL__2PRFIN20070513_163127_000000432058_00083_27191_9735.N1	13-MAY-2007 16:31:27	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27191	No
189	GOM_NL__2PRFIN20070513_163445_000000412058_00083_27191_9736.N1	13-MAY-2007 16:34:45	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	27191	No
190	GOM_NL__2PRFIN20070513_164452_000000542058_00083_27191_9737.N1	13-MAY-2007 16:44:52	Twilight	54.000	93	53Bet Peg	2.5200	3100.0	108	27191	No
191	GOM_NL__2PRFIN20070513_164923_000000542058_00083_27191_9738.N1	13-MAY-2007 16:49:23	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	27191	No
192	GOM_NL__2PRFIN20070513_170251_000000482058_00083_27191_9739.N1	13-MAY-2007 17:02:51	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	27191	No
193	GOM_NL__2PRFIN20070513_170841_000000442058_00083_27191_9740.N1	13-MAY-2007 17:08:41	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27191	No
194	GOM_NL__2PRFIN20070513_171417_000000422058_00084_27192_9760.N1	13-MAY-2007 17:14:17	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27192	No
195	GOM_NL__2PRFIN20070513_172135_000000512058_00084_27192_9761.N1	13-MAY-2007 17:21:35	Straylight	50.500	141	Bet Ara	2.8400	4600.0	101	27192	No
196	GOM_NL__2PRFIN20070513_172403_000000532058_00084_27192_9762.N1	13-MAY-2007 17:24:03	Straylight	53.000	40	The Sco	1.8590	7100.0	106	27192	No
197	GOM_NL__2PRFIN20070513_172555_000000572058_00084_27192_9763.N1	13-MAY-2007 17:25:55	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	27192	No
198	GOM_NL__2PRFIN20070513_172823_000000542058_00084_27192_9764.N1	13-MAY-2007 17:28:23	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	27192	No
199	GOM_NL__2PRFIN20070513_173135_000000672058_00084_27192_9765.N1	13-MAY-2007 17:31:35	Twilight	67.000	16	21Alp Sco	1.0200	3000.0	134	27192	No
200	GOM_NL__2PRFIN20070513_173323_000000522058_00084_27192_9766.N1	13-MAY-2007 17:33:23	Bright	52.000	80	7Del Sco	2.3160	30000.	104	27192	No
201	GOM_NL__2PRFIN20070513_173608_000000382058_00084_27192_9767.N1	13-MAY-2007 17:36:08	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27192	No
202	GOM_NL__2PRFIN20070513_173803_000000412058_00084_27192_9768.N1	13-MAY-2007 17:38:03	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27192	No
203	GOM_NL__2PRFIN20070513_174336_000000452058_00084_27192_9769.N1	13-MAY-2007 17:43:36	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27192	No
204	GOM_NL__2PRFIN20070513_174907_000000392058_00084_27192_9770.N1	13-MAY-2007 17:49:07	Bright	39.000	83		2.3780	11000.	78	27192	No
205	GOM_NL__2PRFIN20070513_175215_000000372058_00084_27192_9771.N1	13-MAY-2007 17:52:15	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27192	No
206	GOM_NL__2PRFIN20070513_180108_000000402058_00084_27192_9772.N1	13-MAY-2007 18:01:08	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27192	No
207	GOM_NL__2PRFIN20070513_181202_000000432058_00084_27192_9773.N1	13-MAY-2007 18:12:02	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	27192	No
208	GOM_NL__2PRFIN20070513_181521_000000362058_00084_27192_9774.N1	13-MAY-2007 18:15:21	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	27192	No
209	GOM_NL__2PRFIN20070513_182528_000000582058_00084_27192_9775.N1	13-MAY-2007 18:25:28	Twilight	57.500	93	53Bet Peg	2.5200	3100.0	115	27192	No
210	GOM_NL__2PRFIN20070513_182830_000000422058_00084_27192_9776.N1	13-MAY-2007 18:28:30	Twilight	42.000	140	88Gam Peg	2.8340	26000.	84	27192	No
211	GOM_NL__2PRFIN20070513_183000_000000482058_00084_27192_9777.N1	13-MAY-2007 18:30:00	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	27192	No
212	GOM_NL__2PRFIN20070513_184327_000000472058_00084_27192_9778.N1	13-MAY-2007 18:43:27	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	27192	No
213	GOM_NL__2PRFIN20070513_184918_000000512058_00084_27192_9779.N1	13-MAY-2007 18:49:18	Dark	50.500	31	Alp Gru	1.7340	15200.	101	27192	No
214	GOM_NL__2PRFIN20070513_185453_000000422058_00085_27193_9747.N1	13-MAY-2007 18:54:53	Dark	42.000	45	Alp Pav	1.9400	26000.	84	27193	No
215	GOM_NL__2PRFIN20070513_190212_000000482058_00085_27193_9748.N1	13-MAY-2007 19:02:12	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	27193	No
216	GOM_NL__2PRFIN20070513_190440_000000482058_00085_27193_9749.N1	13-MAY-2007 19:04:40	Straylight	48.000	40	The Sco	1.8590	7100.0	96	27193	No
217	GOM_NL__2PRFIN20070513_190631_000000512058_00085_27193_9750.N1	13-MAY-2007 19:06:31	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	27193	No
218	GOM_NL__2PRFIN20070513_190859_000000522058_00085_27193_9751.N1	13-MAY-2007 19:08:59	Straylight	52.000	75	26Eps Sco	2.2910	4250.0	104	27193	No
219	GOM_NL__2PRFIN20070513_191211_000000622058_00085_27193_9752.N1	13-MAY-2007 19:12:11	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	27193	No

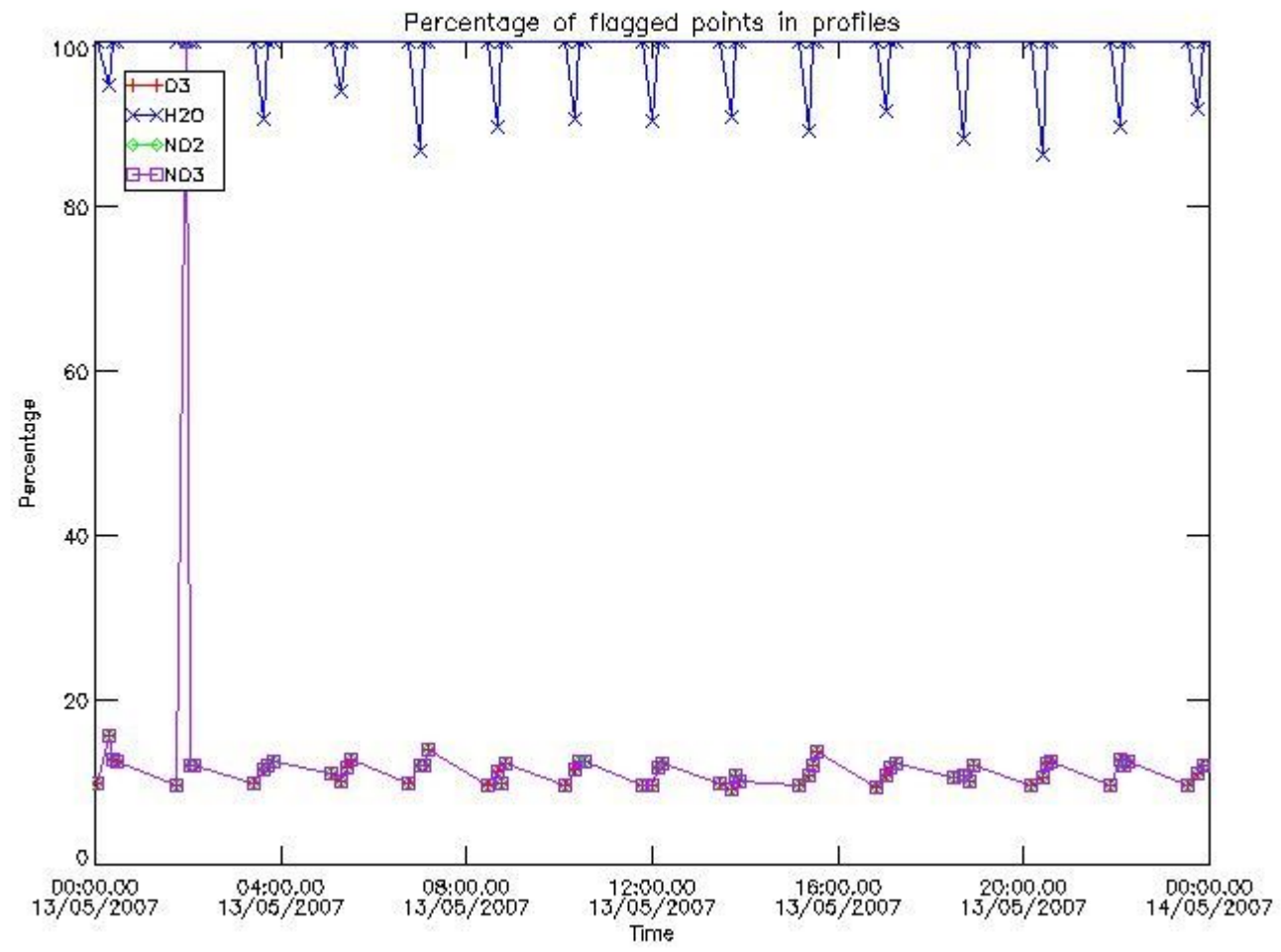
220	GOM_NL__2PRFIN20070513_191359_000000542058_00085_27193_9753.N1	13-MAY-2007 19:13:59	Bright	53.500	80	7Del Sco	2.3160	30000.	107	27193	No
221	GOM_NL__2PRFIN20070513_191647_000000362058_00085_27193_9754.N1	13-MAY-2007 19:16:47	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	27193	No
222	GOM_NL__2PRFIN20070513_191839_000000402058_00085_27193_9755.N1	13-MAY-2007 19:18:39	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27193	No
223	GOM_NL__2PRFIN20070513_192412_000000452058_00085_27193_9756.N1	13-MAY-2007 19:24:12	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27193	No
224	GOM_NL__2PRFIN20070513_192943_000000382058_00085_27193_9757.N1	13-MAY-2007 19:29:43	Bright	38.000	83		2.3780	11000.	76	27193	No
225	GOM_NL__2PRFIN20070513_193251_000000372058_00085_27193_9758.N1	13-MAY-2007 19:32:51	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27193	No
226	GOM_NL__2PRFIN20070513_194143_000000402058_00085_27193_9759.N1	13-MAY-2007 19:41:43	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27193	No
227	GOM_NL__2PRFIN20070513_195237_000000442058_00085_27193_9760.N1	13-MAY-2007 19:52:37	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	27193	No
228	GOM_NL__2PRFIN20070513_195556_000000362058_00085_27193_9761.N1	13-MAY-2007 19:55:56	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	27193	No
229	GOM_NL__2PRFIN20070513_200604_000000562058_00085_27193_9762.N1	13-MAY-2007 20:06:04	Twi_and_stray	55.500	93	53Bet Peg	2.5200	3100.0	111	27193	No
230	GOM_NL__2PRFIN20070513_200906_000000412058_00085_27193_9763.N1	13-MAY-2007 20:09:06	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	27193	No
231	GOM_NL__2PRFIN20070513_201036_000000542058_00085_27193_9764.N1	13-MAY-2007 20:10:36	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	27193	No
232	GOM_NL__2PRFIN20070513_202404_000000482058_00085_27193_9765.N1	13-MAY-2007 20:24:04	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	27193	No
233	GOM_NL__2PRFIN20070513_202955_000000422058_00085_27193_9766.N1	13-MAY-2007 20:29:55	Dark	41.500	31	Alp Gru	1.7340	15200.	83	27193	No
234	GOM_NL__2PRFIN20070513_203530_000000412058_00086_27194_9770.N1	13-MAY-2007 20:35:30	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27194	No
235	GOM_NL__2PRFIN20070513_204248_000000412058_00086_27194_0141.N1	13-MAY-2007 20:42:48	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27194	No
236	GOM_NL__2PRFIN20070513_204516_000000542058_00086_27194_0142.N1	13-MAY-2007 20:45:16	Straylight	54.000	40	The Sco	1.8590	7100.0	108	27194	No
237	GOM_NL__2PRFIN20070513_204708_000000522058_00086_27194_0143.N1	13-MAY-2007 20:47:08	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	27194	No
238	GOM_NL__2PRFIN20070513_204936_000000562058_00086_27194_0144.N1	13-MAY-2007 20:49:36	Straylight	56.000	75	26Eps Sco	2.2910	4250.0	112	27194	No
239	GOM_NL__2PRFIN20070513_205247_000000672058_00086_27194_0145.N1	13-MAY-2007 20:52:47	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	27194	No
240	GOM_NL__2PRFIN20070513_205435_000000512058_00086_27194_0146.N1	13-MAY-2007 20:54:35	Bright	51.000	80	7Del Sco	2.3160	30000.	102	27194	No
241	GOM_NL__2PRFIN20070513_205915_000000412058_00086_27194_0147.N1	13-MAY-2007 20:59:15	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27194	No
242	GOM_NL__2PRFIN20070513_210447_000000452058_00086_27194_0148.N1	13-MAY-2007 21:04:47	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27194	No
243	GOM_NL__2PRFIN20070513_211019_000000392058_00086_27194_0149.N1	13-MAY-2007 21:10:19	Bright	39.000	83		2.3780	11000.	78	27194	No
244	GOM_NL__2PRFIN20070513_211326_000000372058_00086_27194_0150.N1	13-MAY-2007 21:13:26	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	27194	No
245	GOM_NL__2PRFIN20070513_212219_000000422058_00086_27194_0151.N1	13-MAY-2007 21:22:19	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	27194	No
246	GOM_NL__2PRFIN20070513_213313_000000562058_00086_27194_0152.N1	13-MAY-2007 21:33:13	Bright	55.500	89	5Alp Cep	2.4510	8000.0	111	27194	No
247	GOM_NL__2PRFIN20070513_213632_000000352058_00086_27194_0153.N1	13-MAY-2007 21:36:32	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	27194	No
248	GOM_NL__2PRFIN20070513_214640_000000592058_00086_27194_0154.N1	13-MAY-2007 21:46:40	Twi_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	27194	No
249	GOM_NL__2PRFIN20070513_214942_000000412058_00086_27194_0155.N1	13-MAY-2007 21:49:42	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	27194	No
250	GOM_NL__2PRFIN20070513_215112_000000522058_00086_27194_0156.N1	13-MAY-2007 21:51:12	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27194	No
251	GOM_NL__2PRFIN20070513_220441_000000442058_00086_27194_0157.N1	13-MAY-2007 22:04:41	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	27194	No
252	GOM_NL__2PRFIN20070513_221031_000000422058_00086_27194_0158.N1	13-MAY-2007 22:10:31	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27194	No
253	GOM_NL__2PRFIN20070513_221606_000000412058_00087_27195_9781.N1	13-MAY-2007 22:16:06	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27195	No
254	GOM_NL__2PRFIN20070513_222325_000000422058_00087_27195_9782.N1	13-MAY-2007 22:23:25	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27195	No
255	GOM_NL__2PRFIN20070513_222553_000000512058_00087_27195_9783.N1	13-MAY-2007 22:25:53	Straylight	51.000	40	The Sco	1.8590	7100.0	102	27195	No
256	GOM_NL__2PRFIN20070513_222744_000000562058_00087_27195_9784.N1	13-MAY-2007 22:27:44	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	27195	No
257	GOM_NL__2PRFIN20070513_223012_000000522058_00087_27195_0155.N1	13-MAY-2007 22:30:12	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	27195	No
258	GOM_NL__2PRFIN20070513_223323_000000672058_00087_27195_0156.N1	13-MAY-2007 22:33:23	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	27195	No
259	GOM_NL__2PRFIN20070513_223511_000000552058_00087_27195_0157.N1	13-MAY-2007 22:35:11	Bright	54.500	80	7Del Sco	2.3160	30000.	109	27195	No
260	GOM_NL__2PRFIN20070513_223951_000000412058_00087_27195_0158.N1	13-MAY-2007 22:39:51	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	27195	No
261	GOM_NL__2PRFIN20070513_224523_000000452058_00087_27195_0159.N1	13-MAY-2007 22:45:23	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27195	No
262	GOM_NL__2PRFIN20070513_225054_000000372058_00087_27195_0160.N1	13-MAY-2007 22:50:54	Bright	37.000	83		2.3780	11000.	74	27195	No
263	GOM_NL__2PRFIN20070513_225402_000000552058_00087_27195_0161.N1	13-MAY-2007 22:54:02	Bright	55.000	180	27Gam Boo	3.0400	8000.0	110	27195	No
264	GOM_NL__2PRFIN20070513_230254_000000412058_00087_27195_0162.N1	13-MAY-2007 23:02:54	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	27195	No
265	GOM_NL__2PRFIN20070513_231348_000000452058_00087_27195_0163.N1	13-MAY-2007 23:13:48	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	27195	No
266	GOM_NL__2PRFIN20070513_231708_000000412058_00087_27195_0164.N1	13-MAY-2007 23:17:08	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	27195	No
267	GOM_NL__2PRFIN20070513_232716_000000542058_00087_27195_0165.N1	13-MAY-2007 23:27:16	Twi_and_stray	54.000	93	53Bet Peg	2.5200	3100.0	108	27195	No
268	GOM_NL__2PRFIN20070513_233019_000000422058_00087_27195_0166.N1	13-MAY-2007 23:30:19	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	27195	No
269	GOM_NL__2PRFIN20070513_233149_000000532058_00087_27195_0167.N1	13-MAY-2007 23:31:49	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27195	No
270	GOM_NL__2PRFIN20070513_234517_000000502058_00087_27195_0168.N1	13-MAY-2007 23:45:17	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	27195	No
271	GOM_NL__2PRFIN20070513_235108_000000422058_00087_27195_0169.N1	13-MAY-2007 23:51:08	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27195	No
272	GOM_NL__2PRFIN20070513_235643_000000432058_00088_27196_9797.N1	13-MAY-2007 23:56:43	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27196	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.

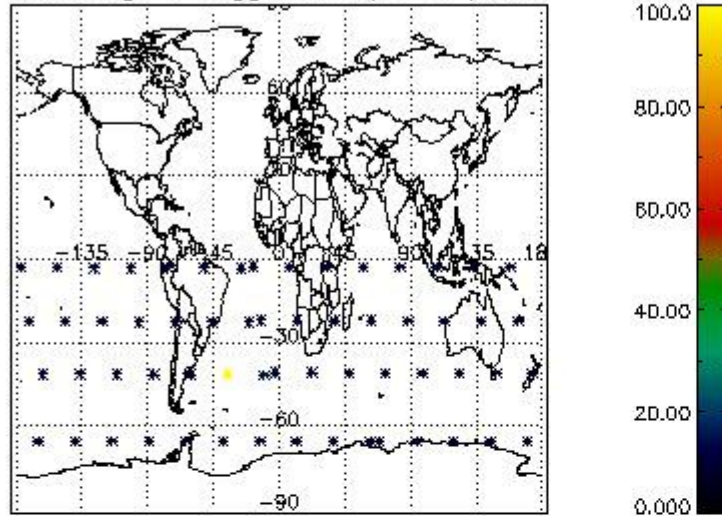
### 3.1 Plot quality information per product (time dependant)



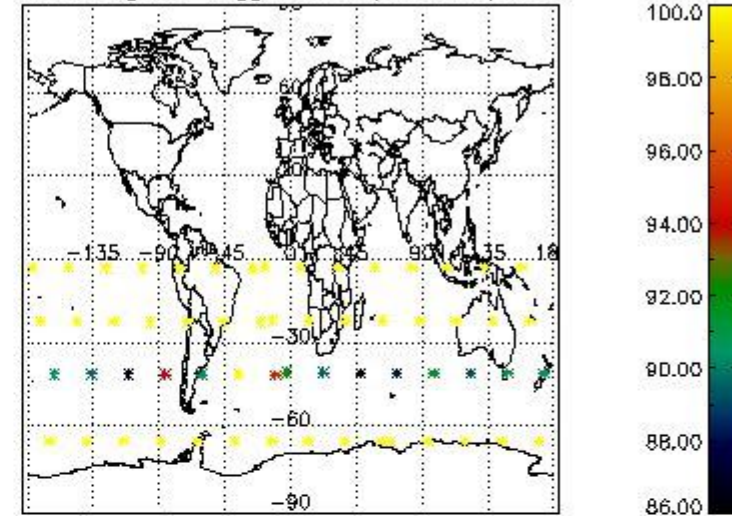
### 3.2 Plot quality information per product (world map)



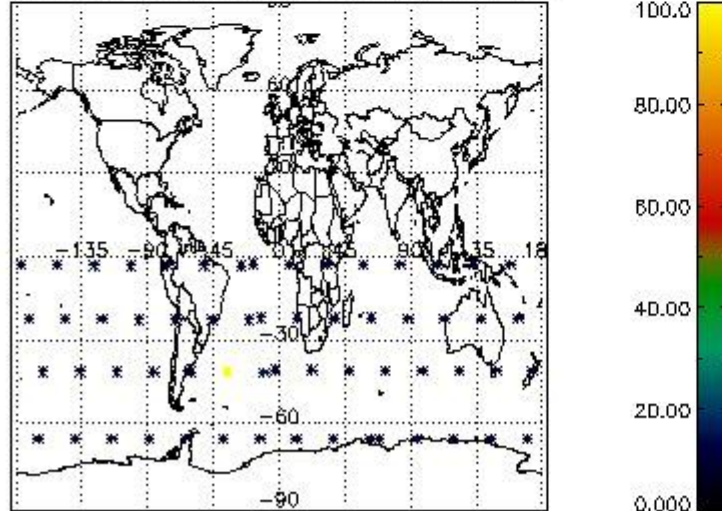
Percentage of flagged data per O3 profile



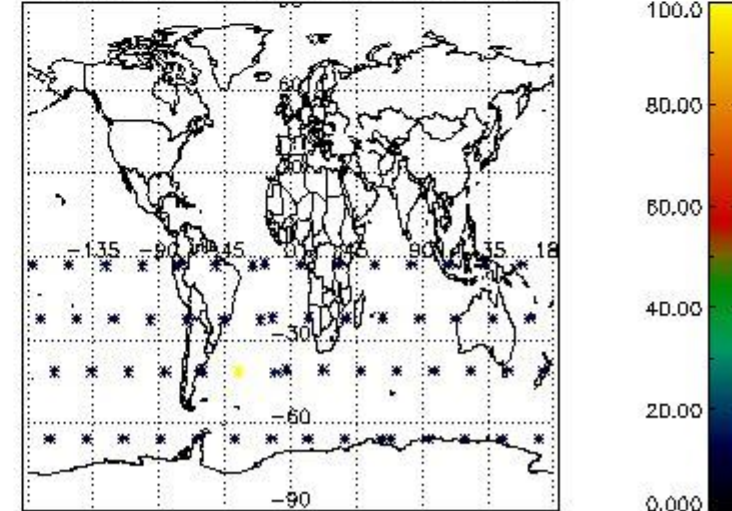
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



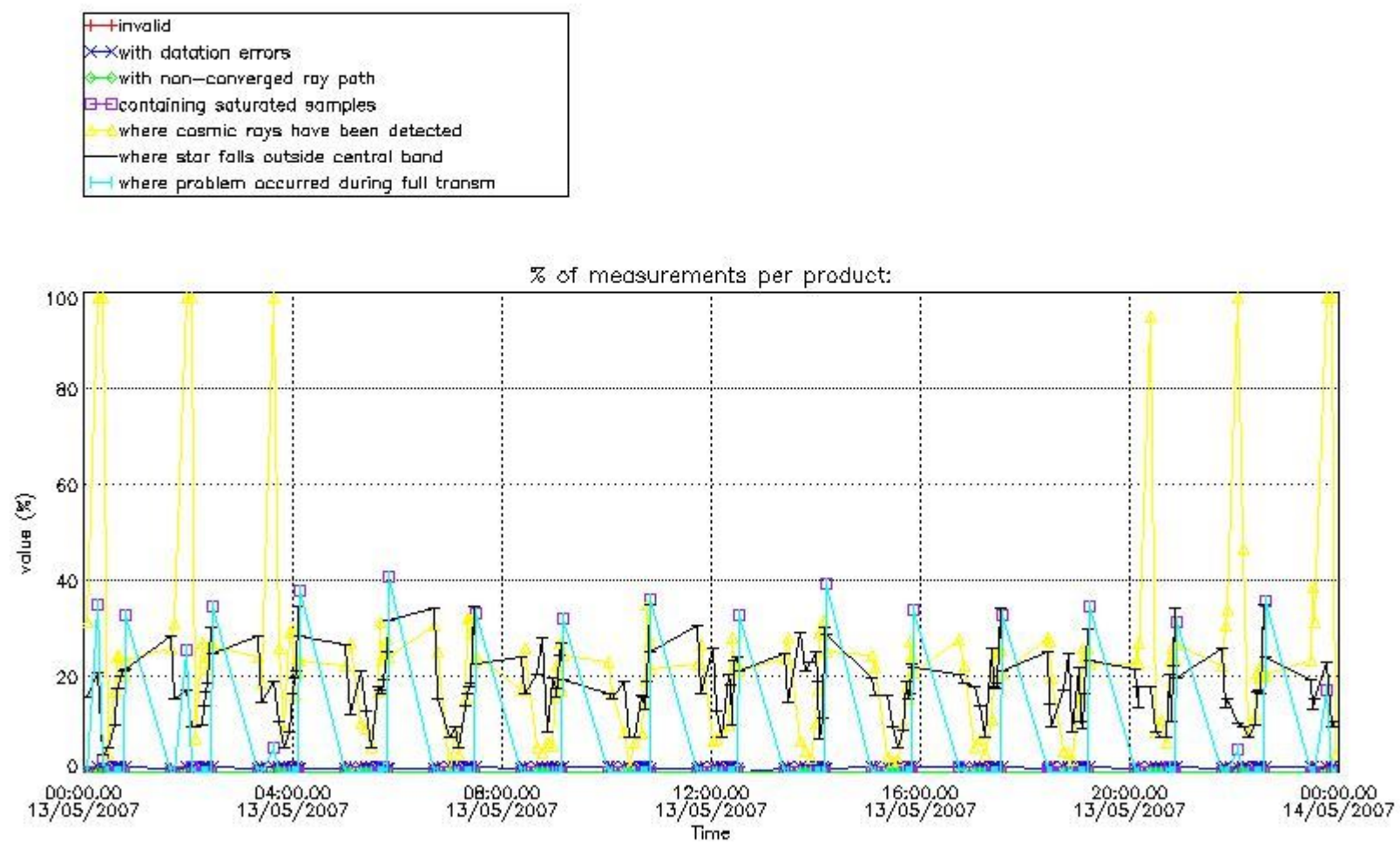
#### 4. Level 1 quality information per product

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.

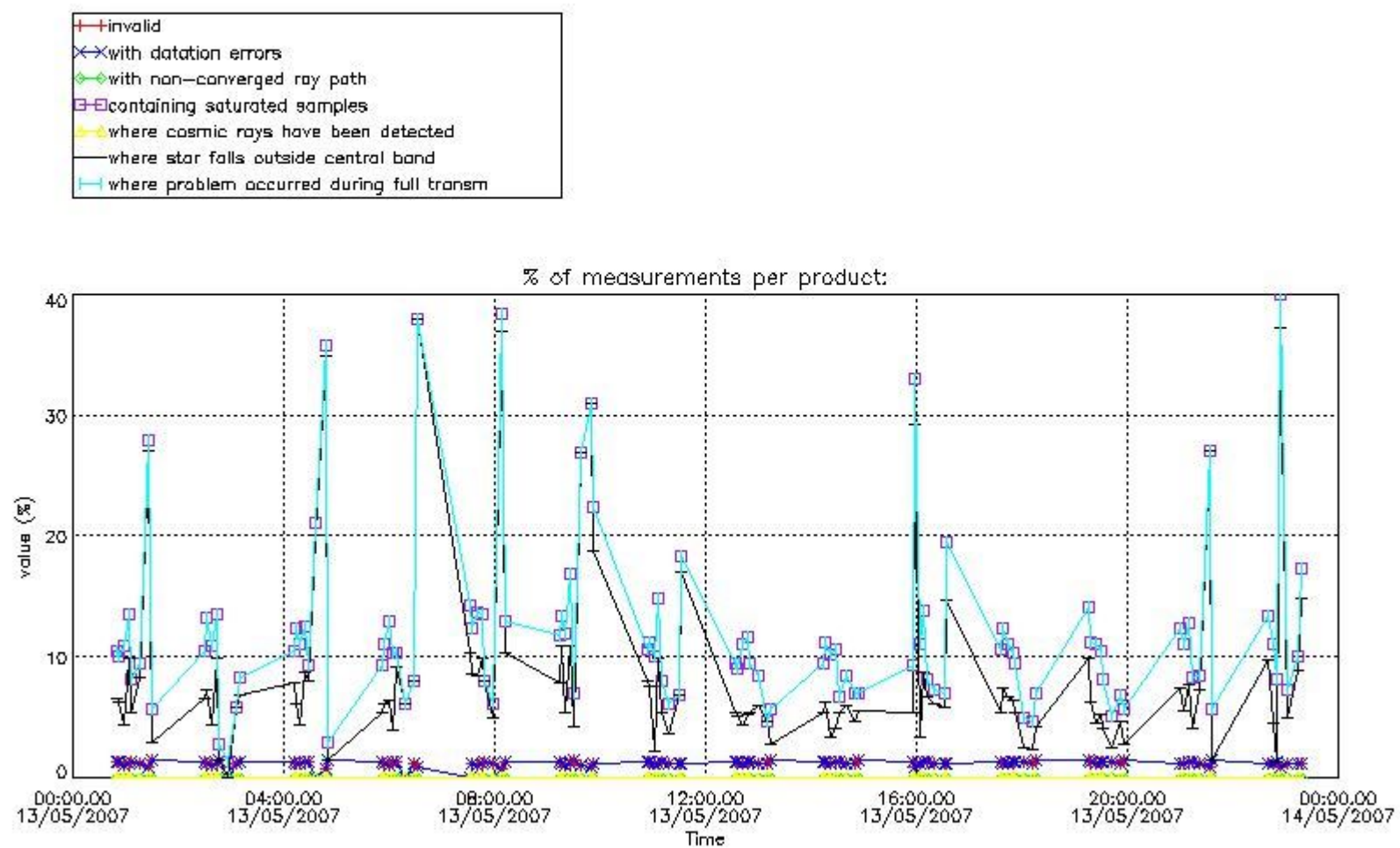
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





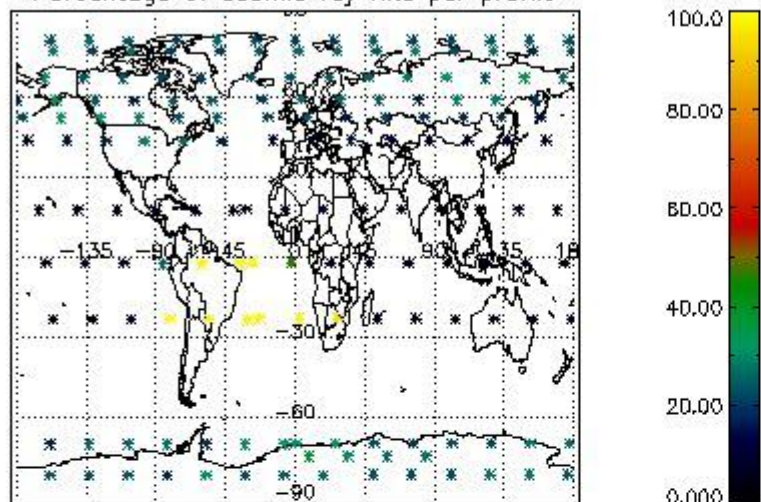
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



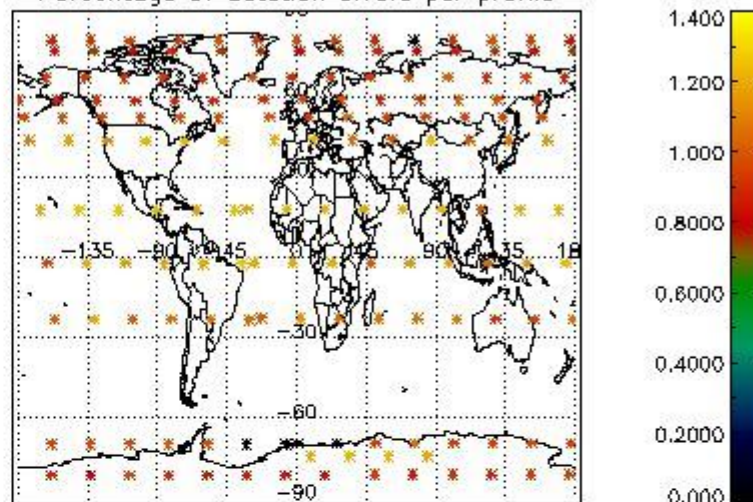
4.2 Plot quality information per product coming from level 1b processing (world map)

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

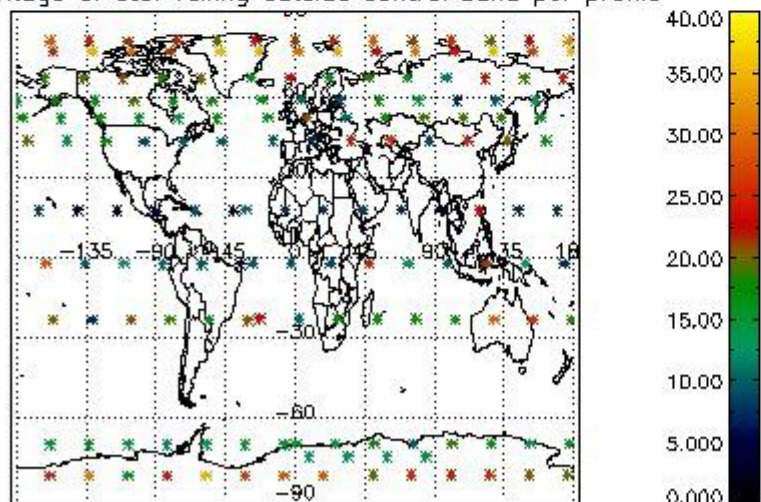
Percentage of cosmic ray hits per profile



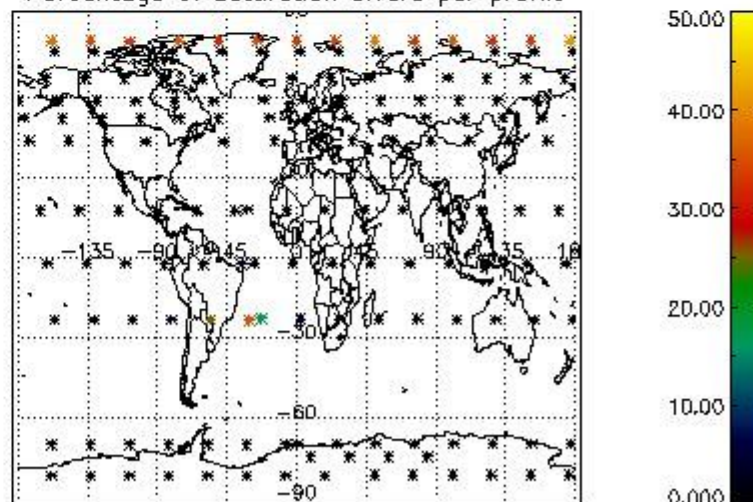
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

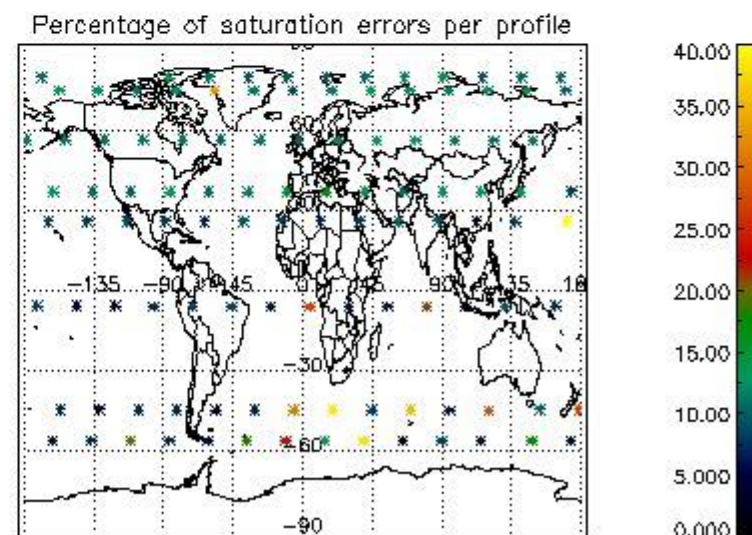
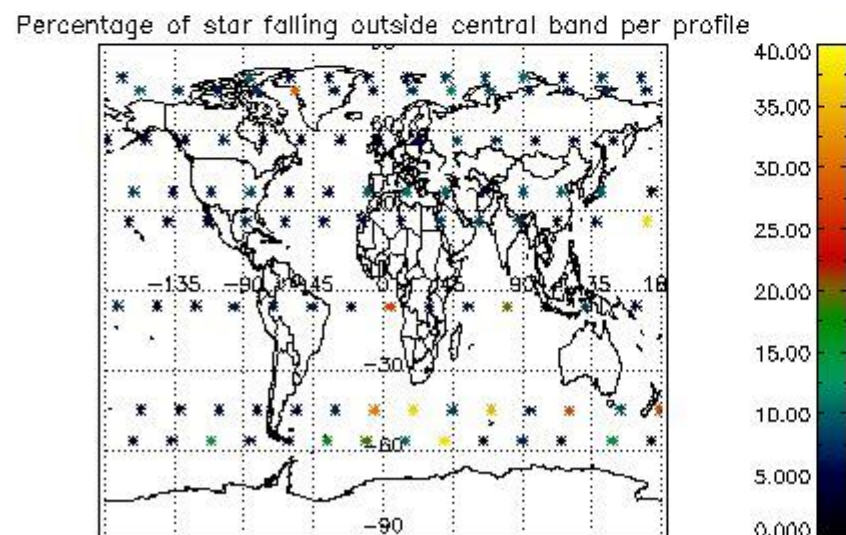
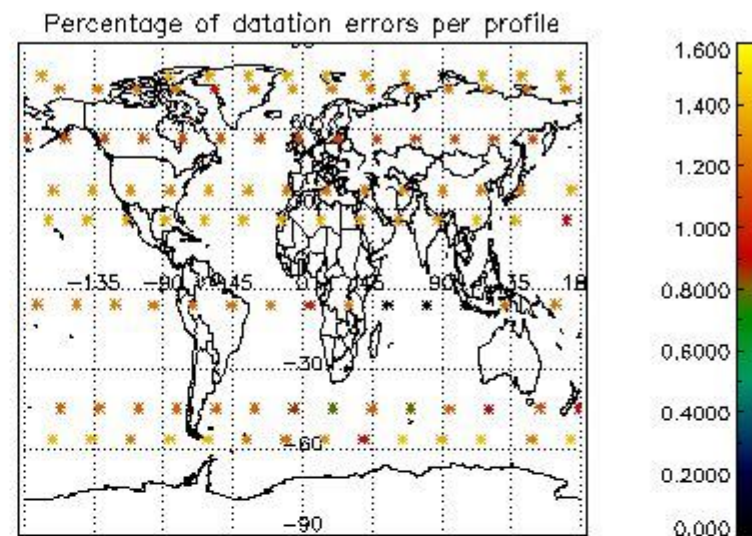
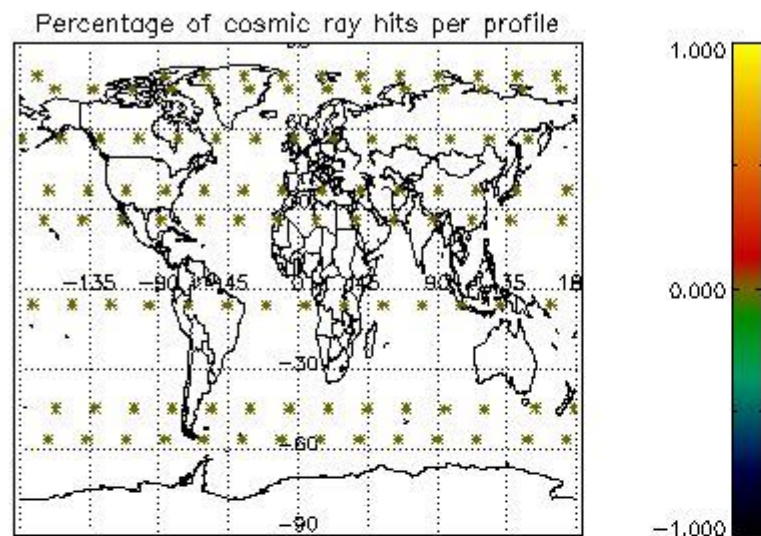


Percentage of saturation errors per profile



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

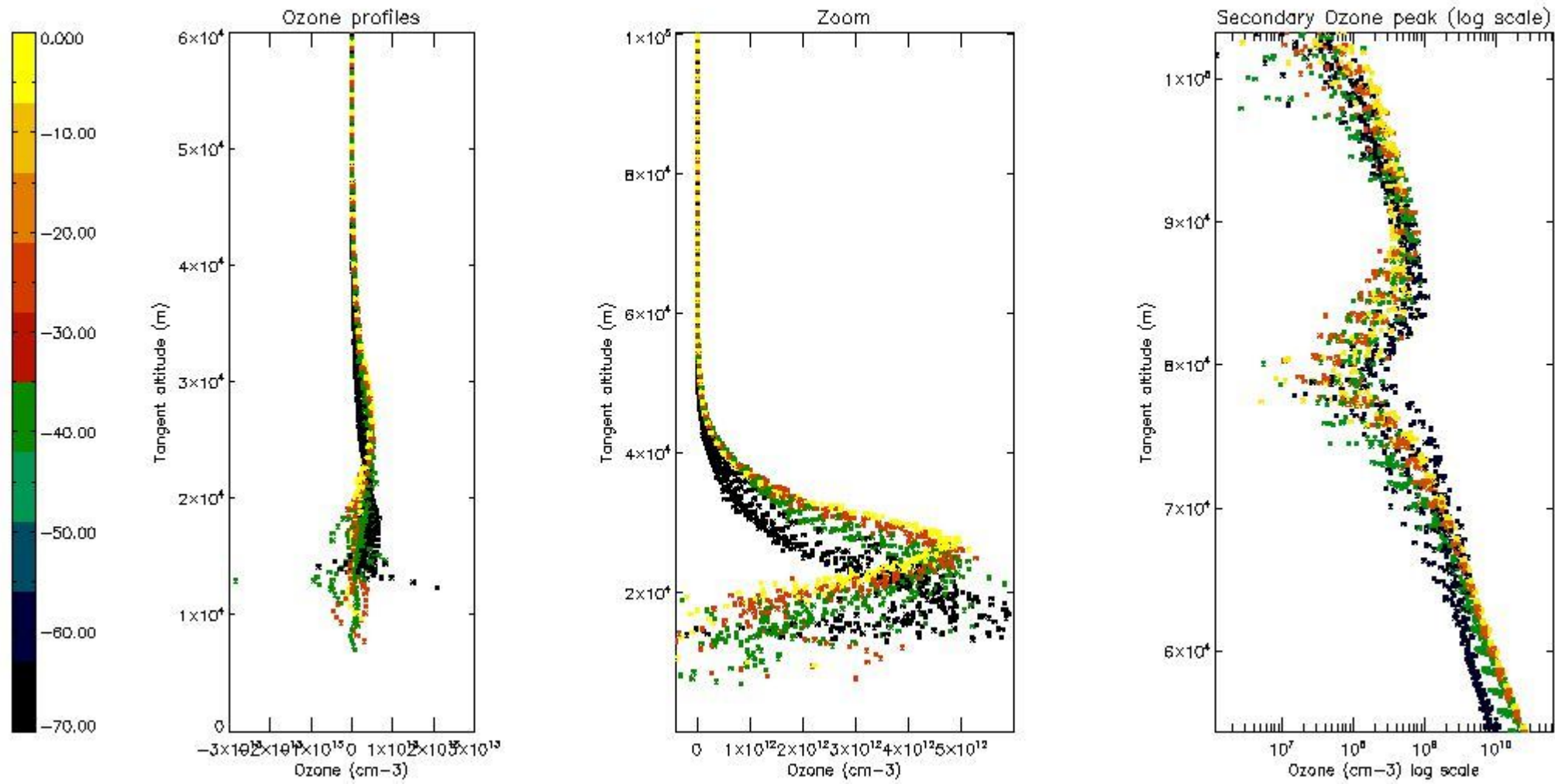
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	15

STD < 10	12
STD < 5	8

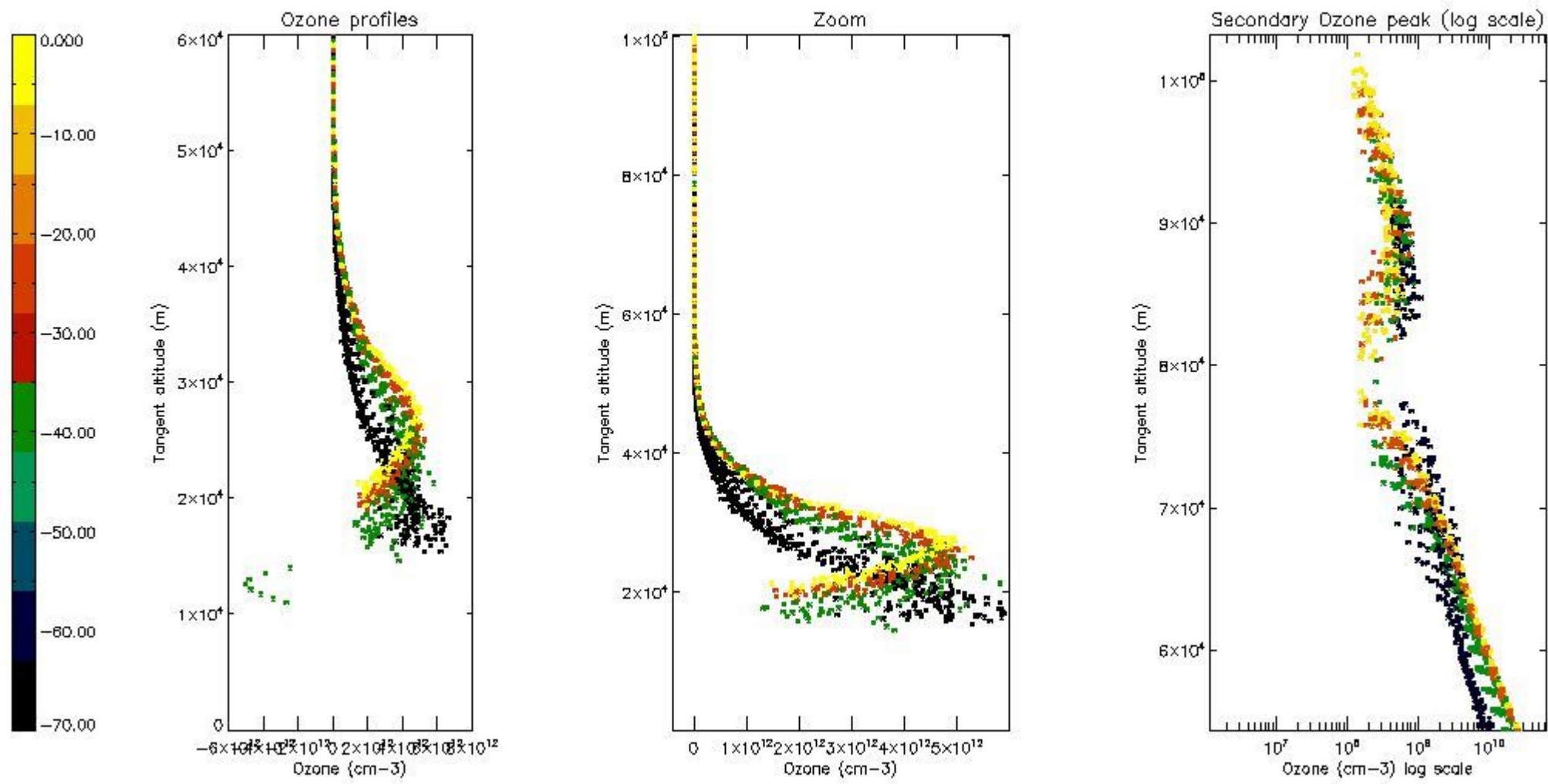
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

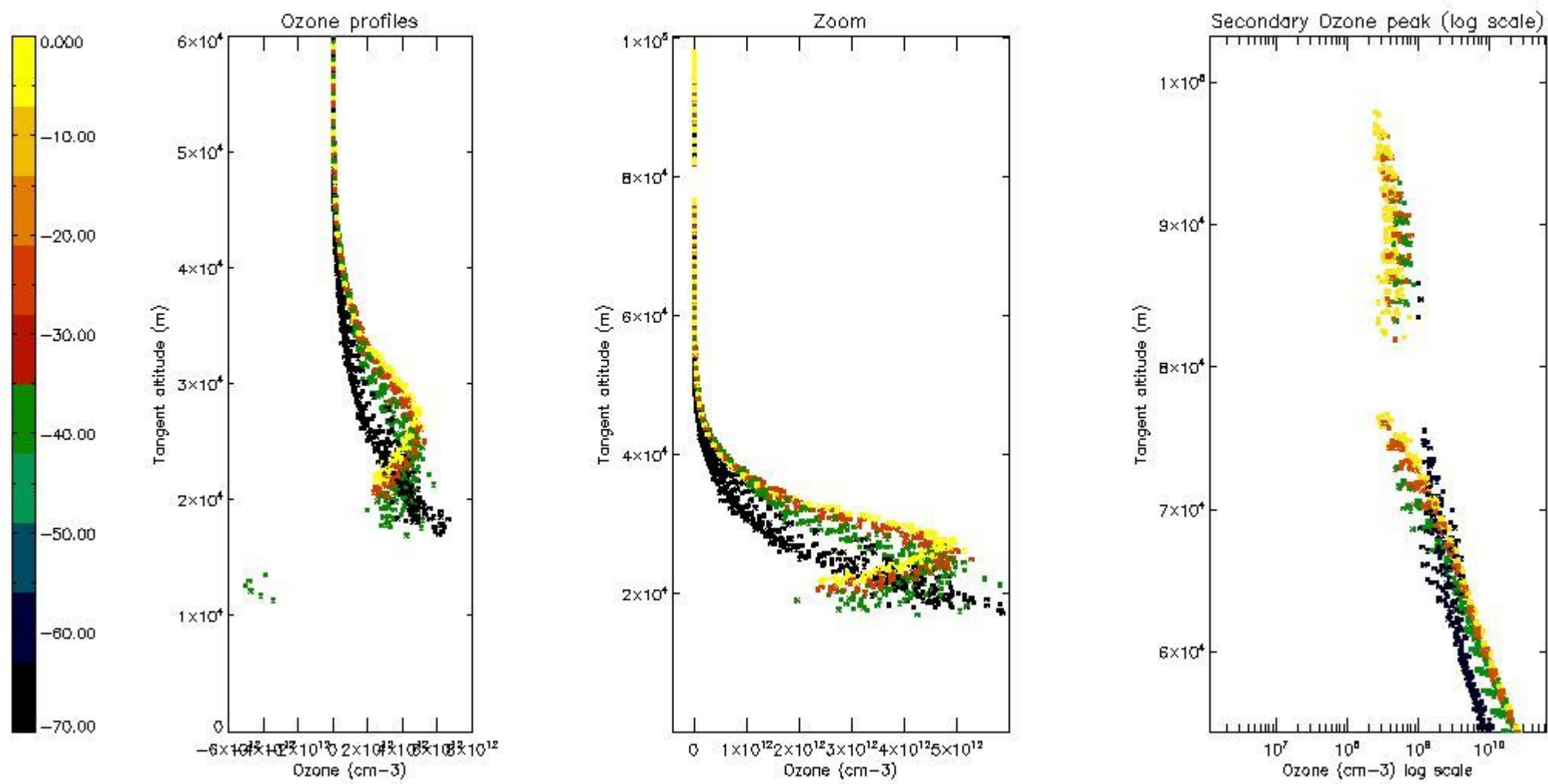
The colorbar represents the latitude.



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

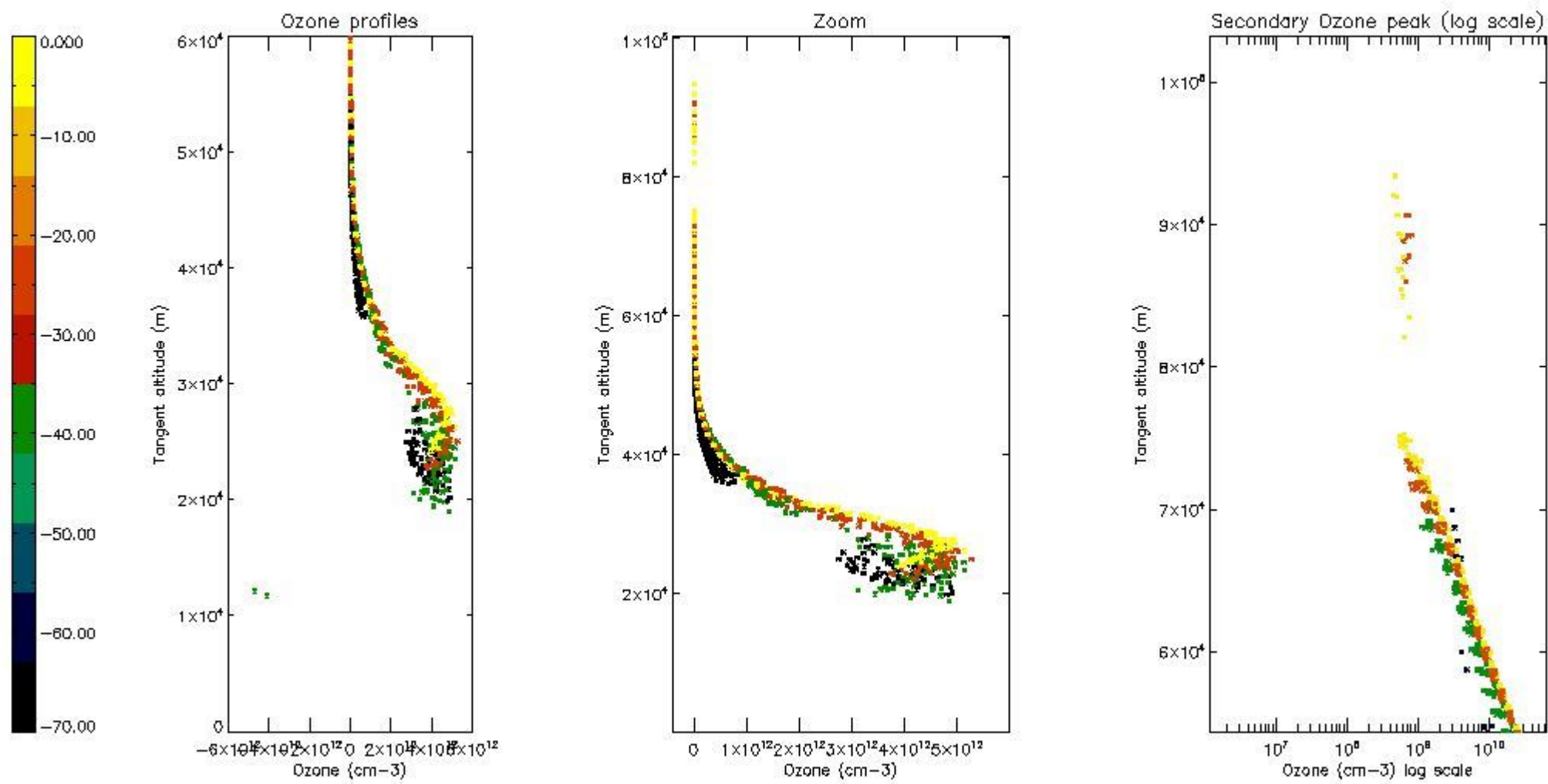
The colorbar represents the latitude.





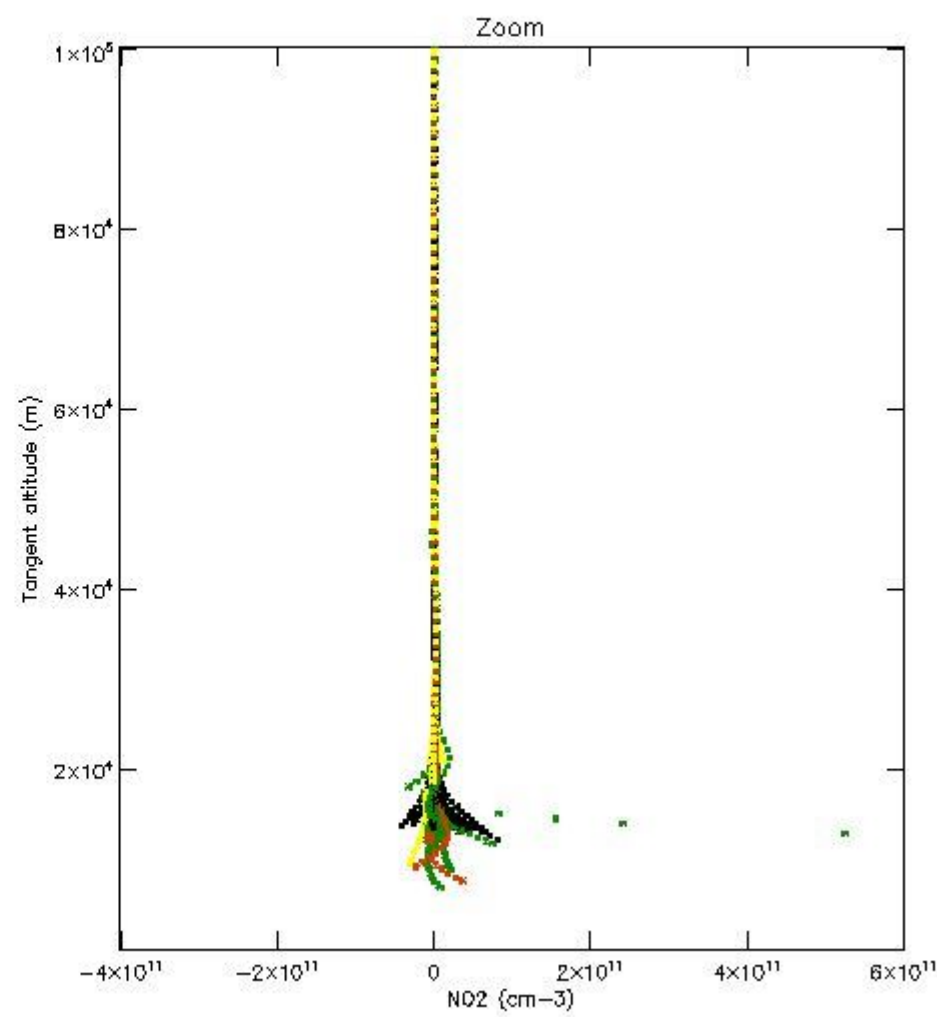
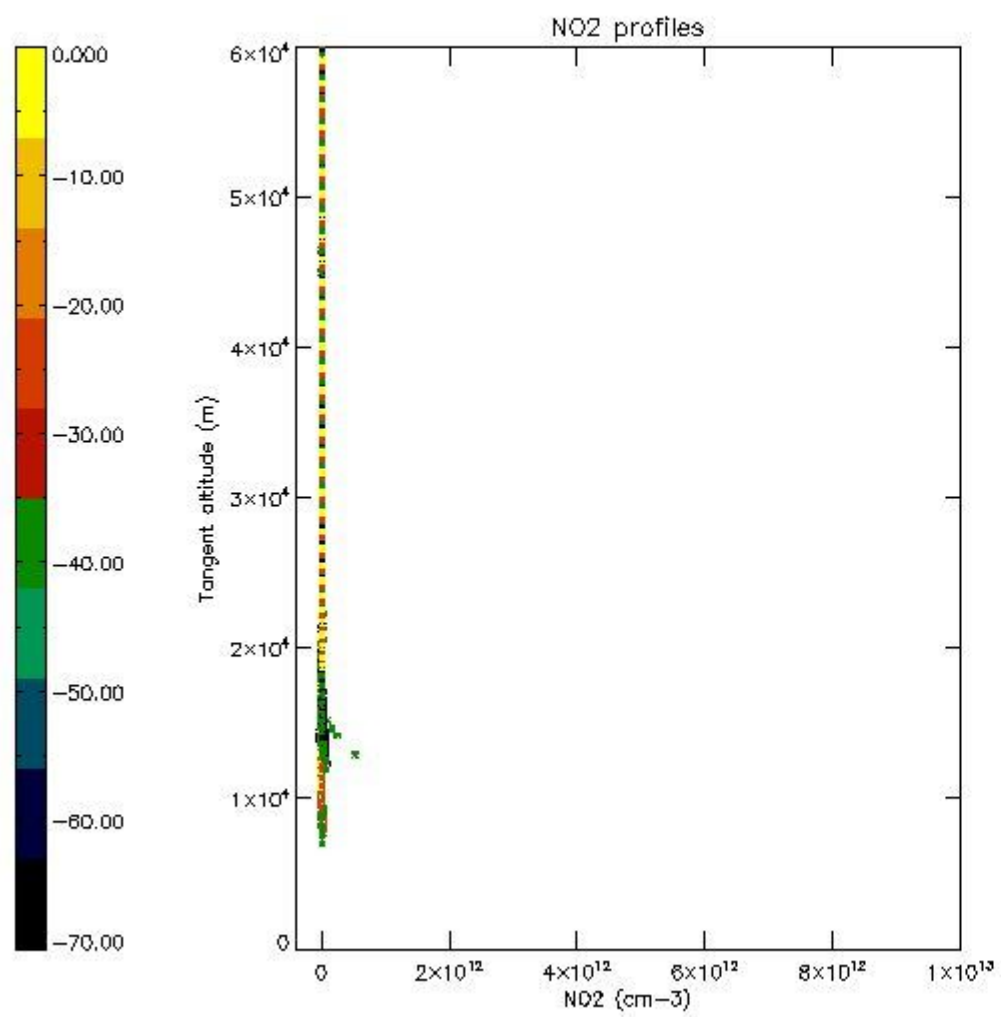
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

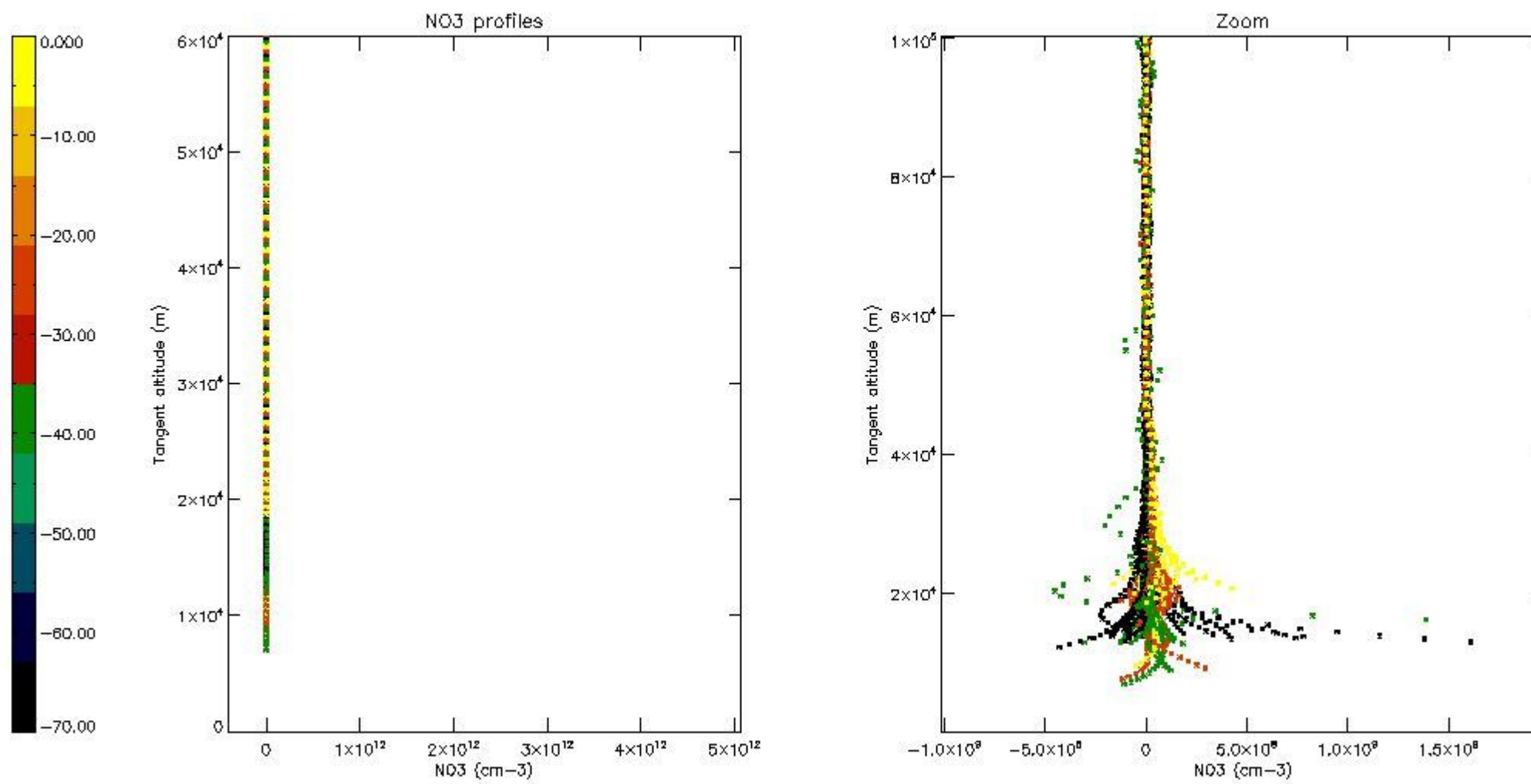
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-MAY-2007 00:03:19
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-MAY-2007 00:03:19
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-MAY-2007 00:03:19

# GOMOS Level 2 Daily Report

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### [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	22APR2013 19:31:22
Data source version	GOMOS/6.01
Start time of products	13-05-2007 (13MAY2007 00:00:00)
Stop time of products	14-05-2007 (14MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	272
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__2PRFIN20070513_000319_000000512058_00073_27181_9580.N1	13-MAY-2007 00:03:19	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	27181	No
2	GOM_NL__2PRFIN20070513_001644_000000492058_00073_27181_9581.N1	13-MAY-2007 00:16:44	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	27181	No
3	GOM_NL__2PRFIN20070513_002235_000000402058_00073_27181_9582.N1	13-MAY-2007 00:22:35	Dark	40.000	31	Alp Gru	1.7340	15200.	80	27181	No
4	GOM_NL__2PRFIN20070513_002810_000000412058_00074_27182_9580.N1	13-MAY-2007 00:28:10	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27182	No
5	GOM_NL__2PRFIN20070513_003530_000000422058_00074_27182_9581.N1	13-MAY-2007 00:35:30	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27182	No
6	GOM_NL__2PRFIN20070513_003756_000000522058_00074_27182_9582.N1	13-MAY-2007 00:37:56	Straylight	52.000	40	The Sco	1.8590	7100.0	104	27182	No
7	GOM_NL__2PRFIN20070513_003948_000000582058_00074_27182_9583.N1	13-MAY-2007 00:39:48	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	27182	No
8	GOM_NL__2PRFIN20070513_004218_000000552058_00074_27182_9584.N1	13-MAY-2007 00:42:18	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	27182	No
9	GOM_NL__2PRFIN20070513_004532_000000572058_00074_27182_9585.N1	13-MAY-2007 00:45:32	Twilight_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	27182	No
10	GOM_NL__2PRFIN20070513_004721_000000542058_00074_27182_9586.N1	13-MAY-2007 00:47:21	Bright	53.500	80	7Del Sco	2.3160	30000.	107	27182	No
11	GOM_NL__2PRFIN20070513_005007_000000382058_00074_27182_9587.N1	13-MAY-2007 00:50:07	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27182	No
12	GOM_NL__2PRFIN20070513_005203_000000402058_00074_27182_9588.N1	13-MAY-2007 00:52:03	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27182	No
13	GOM_NL__2PRFIN20070513_005740_000000462058_00074_27182_9589.N1	13-MAY-2007 00:57:40	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	27182	No
14	GOM_NL__2PRFIN20070513_010310_000000412058_00074_27182_9590.N1	13-MAY-2007 01:03:10	Bright	40.500	83		2.3780	11000.	81	27182	No
15	GOM_NL__2PRFIN20070513_010617_000000372058_00074_27182_9591.N1	13-MAY-2007 01:06:17	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27182	No
16	GOM_NL__2PRFIN20070513_011513_000000432058_00074_27182_9592.N1	13-MAY-2007 01:15:13	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	27182	No
17	GOM_NL__2PRFIN20070513_012607_000000562058_00074_27182_9593.N1	13-MAY-2007 01:26:07	Bright	55.500	89	5Alp Cep	2.4510	8000.0	111	27182	No
18	GOM_NL__2PRFIN20070513_012922_000000352058_00074_27182_9594.N1	13-MAY-2007 01:29:22	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	27182	No
19	GOM_NL__2PRFIN20070513_013926_000000602058_00074_27182_9595.N1	13-MAY-2007 01:39:26	Twilight_stray	60.000	93	53Bet Peg	2.5200	3100.0	120	27182	No
20	GOM_NL__2PRFIN20070513_014356_000000522058_00074_27182_9596.N1	13-MAY-2007 01:43:56	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27182	No
21	GOM_NL__2PRFIN20070513_015720_000000472058_00074_27182_9597.N1	13-MAY-2007 01:57:20	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	27182	No
22	GOM_NL__2PRFIN20070513_020311_000000422058_00074_27182_9598.N1	13-MAY-2007 02:03:11	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27182	No
23	GOM_NL__2PRFIN20070513_020847_000000432058_00075_27183_9595.N1	13-MAY-2007 02:08:47	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27183	No
24	GOM_NL__2PRFIN20070513_021607_000000412058_00075_27183_9596.N1	13-MAY-2007 02:16:07	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27183	No
25	GOM_NL__2PRFIN20070513_021833_000000512058_00075_27183_9597.N1	13-MAY-2007 02:18:33	Straylight	50.500	40	The Sco	1.8590	7100.0	101	27183	No
26	GOM_NL__2PRFIN20070513_022025_000000572058_00075_27183_9598.N1	13-MAY-2007 02:20:25	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	27183	No
27	GOM_NL__2PRFIN20070513_022255_000000542058_00075_27183_9599.N1	13-MAY-2007 02:22:55	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	27183	No
28	GOM_NL__2PRFIN20070513_022608_000000652058_00075_27183_9600.N1	13-MAY-2007 02:26:08	Twilight_stray	64.500	16	21Alp Sco	1.0200	3000.0	129	27183	No
29	GOM_NL__2PRFIN20070513_022757_000000552058_00075_27183_9601.N1	13-MAY-2007 02:27:57	Bright	55.000	80	7Del Sco	2.3160	30000.	110	27183	No
30	GOM_NL__2PRFIN20070513_023043_000000382058_00075_27183_9602.N1	13-MAY-2007 02:30:43	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27183	No
31	GOM_NL__2PRFIN20070513_023239_000000422058_00075_27183_9603.N1	13-MAY-2007 02:32:39	Bright	41.500	104	27Bet Lib	2.6140	13100.	83	27183	No
32	GOM_NL__2PRFIN20070513_023816_000000462058_00075_27183_9604.N1	13-MAY-2007 02:38:16	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	27183	No
33	GOM_NL__2PRFIN20070513_024346_000000412058_00075_27183_9605.N1	13-MAY-2007 02:43:46	Bright	40.500	83		2.3780	11000.	81	27183	No
34	GOM_NL__2PRFIN20070513_024653_000000362058_00075_27183_9606.N1	13-MAY-2007 02:46:53	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	27183	No
35	GOM_NL__2PRFIN20070513_025549_000000382058_00075_27183_9607.N1	13-MAY-2007 02:55:49	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27183	No
36	GOM_NL__2PRFIN20070513_030642_000000432058_00075_27183_9608.N1	13-MAY-2007 03:06:42	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27183	No
37	GOM_NL__2PRFIN20070513_030957_000000372058_00075_27183_9609.N1	13-MAY-2007 03:09:57	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	27183	No
38	GOM_NL__2PRFIN20070513_032003_000000602058_00075_27183_9610.N1	13-MAY-2007 03:20:03	Twilight_stray	60.000	93	53Bet Peg	2.5200	3100.0	120	27183	No
39	GOM_NL__2PRFIN20070513_032432_000000522058_00075_27183_9611.N1	13-MAY-2007 03:24:32	Dark	51.500	90	54Alp Peg	2.4870	11000.	103	27183	No
40	GOM_NL__2PRFIN20070513_033757_000000482058_00075_27183_9612.N1	13-MAY-2007 03:37:57	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	27183	No
41	GOM_NL__2PRFIN20070513_034348_000000432058_00075_27183_9613.N1	13-MAY-2007 03:43:48	Dark	42.500	31	Alp Gru	1.7340	15200.	85	27183	No
42	GOM_NL__2PRFIN20070513_034923_000000412058_00076_27184_9606.N1	13-MAY-2007 03:49:23	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27184	No



43	GOM_NL__2PRFIN20070513_035643_000000412058_00076_27184_9607.N1	13-MAY-2007 03:56:43	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27184	No
44	GOM_NL__2PRFIN20070513_035910_000000522058_00076_27184_9608.N1	13-MAY-2007 03:59:10	Straylight	52.000	40	The Sco	1.8590	7100.0	104	27184	No
45	GOM_NL__2PRFIN20070513_040101_000000592058_00076_27184_9609.N1	13-MAY-2007 04:01:01	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	27184	No
46	GOM_NL__2PRFIN20070513_040331_000000552058_00076_27184_9610.N1	13-MAY-2007 04:03:31	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	27184	No
47	GOM_NL__2PRFIN20070513_040644_000000682058_00076_27184_9611.N1	13-MAY-2007 04:06:44	Tw_i_and_stray	68.000	16	21Alp Sco	1.0200	3000.0	136	27184	No
48	GOM_NL__2PRFIN20070513_040833_000000582058_00076_27184_9612.N1	13-MAY-2007 04:08:33	Bright	58.000	80	7Del Sco	2.3160	30000.	116	27184	No
49	GOM_NL__2PRFIN20070513_041119_000000382058_00076_27184_9613.N1	13-MAY-2007 04:11:19	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27184	No
50	GOM_NL__2PRFIN20070513_041315_000000412058_00076_27184_9614.N1	13-MAY-2007 04:13:15	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27184	No
51	GOM_NL__2PRFIN20070513_041851_000000462058_00076_27184_9615.N1	13-MAY-2007 04:18:51	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	27184	No
52	GOM_NL__2PRFIN20070513_042422_000000402058_00076_27184_9616.N1	13-MAY-2007 04:24:22	Bright	40.000	83		2.3780	11000.	80	27184	No
53	GOM_NL__2PRFIN20070513_042729_000000382058_00076_27184_9617.N1	13-MAY-2007 04:27:29	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	27184	No
54	GOM_NL__2PRFIN20070513_043624_000000482058_00076_27184_9618.N1	13-MAY-2007 04:36:24	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	27184	No
55	GOM_NL__2PRFIN20070513_044718_000000632058_00076_27184_9619.N1	13-MAY-2007 04:47:18	Bright	63.000	89	5Alp Cep	2.4510	8000.0	126	27184	No
56	GOM_NL__2PRFIN20070513_045034_000000352058_00076_27184_9620.N1	13-MAY-2007 04:50:34	Bright	34.500	74	11Bet Cas	2.2680	6600.0	69	27184	No
57	GOM_NL__2PRFIN20070513_050039_000000592058_00076_27184_9621.N1	13-MAY-2007 05:00:39	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	27184	No
58	GOM_NL__2PRFIN20070513_050508_000000502058_00076_27184_9622.N1	13-MAY-2007 05:05:08	Dark	50.000	90	54Alp Peg	2.4870	11000.	100	27184	No
59	GOM_NL__2PRFIN20070513_051834_000000502058_00076_27184_9623.N1	13-MAY-2007 05:18:34	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	27184	No
60	GOM_NL__2PRFIN20070513_052425_000000442058_00076_27184_9624.N1	13-MAY-2007 05:24:25	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27184	No
61	GOM_NL__2PRFIN20070513_053000_000000402058_00077_27185_9628.N1	13-MAY-2007 05:30:00	Dark	40.000	45	Alp Pav	1.9400	26000.	80	27185	No
62	GOM_NL__2PRFIN20070513_053720_000000452058_00077_27185_9629.N1	13-MAY-2007 05:37:20	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	27185	No
63	GOM_NL__2PRFIN20070513_053946_000000532058_00077_27185_9630.N1	13-MAY-2007 05:39:46	Straylight	52.500	40	The Sco	1.8590	7100.0	105	27185	No
64	GOM_NL__2PRFIN20070513_054138_000000562058_00077_27185_9631.N1	13-MAY-2007 05:41:38	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	27185	No
65	GOM_NL__2PRFIN20070513_054408_000000542058_00077_27185_9632.N1	13-MAY-2007 05:44:08	Straylight	54.000	75	26Eps Sco	2.2910	4250.0	108	27185	No
66	GOM_NL__2PRFIN20070513_054721_000000602058_00077_27185_9633.N1	13-MAY-2007 05:47:21	Tw_i_and_stray	59.500	16	21Alp Sco	1.0200	3000.0	119	27185	No
67	GOM_NL__2PRFIN20070513_054909_000000602058_00077_27185_9634.N1	13-MAY-2007 05:49:09	Bright	60.000	80	7Del Sco	2.3160	30000.	120	27185	No
68	GOM_NL__2PRFIN20070513_055155_000000382058_00077_27185_9635.N1	13-MAY-2007 05:51:55	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27185	No
69	GOM_NL__2PRFIN20070513_055351_000000412058_00077_27185_9636.N1	13-MAY-2007 05:53:51	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27185	No
70	GOM_NL__2PRFIN20070513_055927_000000472058_00077_27185_9637.N1	13-MAY-2007 05:59:27	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	27185	No
71	GOM_NL__2PRFIN20070513_060458_000000392058_00077_27185_9638.N1	13-MAY-2007 06:04:58	Bright	38.500	83		2.3780	11000.	77	27185	No
72	GOM_NL__2PRFIN20070513_060805_000000392058_00077_27185_9639.N1	13-MAY-2007 06:08:05	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	27185	No
73	GOM_NL__2PRFIN20070513_061700_000000412058_00077_27185_9640.N1	13-MAY-2007 06:17:00	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27185	No
74	GOM_NL__2PRFIN20070513_062754_000000442058_00077_27185_9641.N1	13-MAY-2007 06:27:54	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	27185	No
75	GOM_NL__2PRFIN20070513_063110_000000542058_00077_27185_9642.N1	13-MAY-2007 06:31:10	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	27185	No
76	GOM_NL__2PRFIN20070513_064115_000000662058_00077_27185_9643.N1	13-MAY-2007 06:41:15	Tw_i_and_stray	65.500	93	53Bet Peg	2.5200	3100.0	131	27185	No
77	GOM_NL__2PRFIN20070513_064545_000000522058_00077_27185_9644.N1	13-MAY-2007 06:45:45	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27185	No
78	GOM_NL__2PRFIN20070513_065911_000000422058_00077_27185_9645.N1	13-MAY-2007 06:59:11	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	27185	No
79	GOM_NL__2PRFIN20070513_070502_000000422058_00077_27185_9646.N1	13-MAY-2007 07:05:02	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27185	No
80	GOM_NL__2PRFIN20070513_071037_000000402058_00078_27186_9641.N1	13-MAY-2007 07:10:37	Dark	40.000	45	Alp Pav	1.9400	26000.	80	27186	No
81	GOM_NL__2PRFIN20070513_071756_000000432058_00078_27186_9642.N1	13-MAY-2007 07:17:56	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27186	No
82	GOM_NL__2PRFIN20070513_072023_000000522058_00078_27186_9643.N1	13-MAY-2007 07:20:23	Straylight	51.500	40	The Sco	1.8590	7100.0	103	27186	No
83	GOM_NL__2PRFIN20070513_072215_000000572058_00078_27186_9644.N1	13-MAY-2007 07:22:15	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	27186	No
84	GOM_NL__2PRFIN20070513_072444_000000542058_00078_27186_9645.N1	13-MAY-2007 07:24:44	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	27186	No
85	GOM_NL__2PRFIN20070513_072757_000000682058_00078_27186_9646.N1	13-MAY-2007 07:27:57	Tw_i_and_stray	68.000	16	21Alp Sco	1.0200	3000.0	136	27186	No
86	GOM_NL__2PRFIN20070513_072946_000000532058_00078_27186_9647.N1	13-MAY-2007 07:29:46	Bright	53.000	80	7Del Sco	2.3160	30000.	106	27186	No
87	GOM_NL__2PRFIN20070513_073231_000000392058_00078_27186_9648.N1	13-MAY-2007 07:32:31	Bright	38.500	122	9Alp2Lib	2.7470	9700.0	77	27186	No
88	GOM_NL__2PRFIN20070513_073427_000000412058_00078_27186_9649.N1	13-MAY-2007 07:34:27	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27186	No
89	GOM_NL__2PRFIN20070513_074003_000000482058_00078_27186_9650.N1	13-MAY-2007 07:40:03	Bright	47.500	102	24Alp Ser	2.6000	4250.0	95	27186	No
90	GOM_NL__2PRFIN20070513_074533_000000412058_00078_27186_9651.N1	13-MAY-2007 07:45:33	Bright	40.500	83		2.3780	11000.	81	27186	No
91	GOM_NL__2PRFIN20070513_074841_000000382058_00078_27186_9652.N1	13-MAY-2007 07:48:41	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	27186	No
92	GOM_NL__2PRFIN20070513_075735_000000412058_00078_27186_9653.N1	13-MAY-2007 07:57:35	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27186	No
93	GOM_NL__2PRFIN20070513_080829_000000652058_00078_27186_9654.N1	13-MAY-2007 08:08:29	Bright	65.000	89	5Alp Cep	2.4510	8000.0	130	27186	No
94	GOM_NL__2PRFIN20070513_081145_000000392058_00078_27186_9655.N1	13-MAY-2007 08:11:45	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	27186	No
95	GOM_NL__2PRFIN20070513_082151_000000562058_00078_27186_9656.N1	13-MAY-2007 08:21:51	Tw_i_and_stray	56.000	93	53Bet Peg	2.5200	3100.0	112	27186	No
96	GOM_NL__2PRFIN20070513_082621_000000532058_00078_27186_9657.N1	13-MAY-2007 08:26:21	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27186	No
97	GOM_NL__2PRFIN20070513_083947_000000492058_00078_27186_9658.N1	13-MAY-2007 08:39:47	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	27186	No
98	GOM_NL__2PRFIN20070513_084538_000000522058_00078_27186_9659.N1	13-MAY-2007 08:45:38	Dark	52.000	31	Alp Gru	1.7340	15200.	104	27186	No
99	GOM_NL__2PRFIN20070513_085113_000000422058_00079_27187_9657.N1	13-MAY-2007 08:51:13	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27187	No
100	GOM_NL__2PRFIN20070513_085833_000000462058_00079_27187_9658.N1	13-MAY-2007 08:58:33	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	27187	No
101	GOM_NL__2PRFIN20070513_090100_000000522058_00079_27187_9659.N1	13-MAY-2007 09:01:00	Straylight	52.000	40	The Sco	1.8590	7100.0	104	27187	No

102	GOM_NL__2PRFIN20070513_090251_000000552058_00079_27187_9660.N1	13-MAY-2007 09:02:51	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	27187	No
103	GOM_NL__2PRFIN20070513_090521_000000582058_00079_27187_9661.N1	13-MAY-2007 09:05:21	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	27187	No
104	GOM_NL__2PRFIN20070513_090833_000000612058_00079_27187_9662.N1	13-MAY-2007 09:08:33	Tw_i_and_stray	61.000	16	21Alp Sco	1.0200	3000.0	122	27187	No
105	GOM_NL__2PRFIN20070513_091022_000000522058_00079_27187_9663.N1	13-MAY-2007 09:10:22	Bright	51.500	80	7Del Sco	2.3160	30000.	103	27187	No
106	GOM_NL__2PRFIN20070513_091308_000000382058_00079_27187_9664.N1	13-MAY-2007 09:13:08	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	27187	No
107	GOM_NL__2PRFIN20070513_091503_000000412058_00079_27187_9665.N1	13-MAY-2007 09:15:03	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	27187	No
108	GOM_NL__2PRFIN20070513_092038_000000462058_00079_27187_9666.N1	13-MAY-2007 09:20:38	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	27187	No
109	GOM_NL__2PRFIN20070513_092609_000000422058_00079_27187_9667.N1	13-MAY-2007 09:26:09	Bright	41.500	83		2.3780	11000.	83	27187	No
110	GOM_NL__2PRFIN20070513_092916_000000362058_00079_27187_9668.N1	13-MAY-2007 09:29:16	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	27187	No
111	GOM_NL__2PRFIN20070513_093811_000000522058_00079_27187_9669.N1	13-MAY-2007 09:38:11	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	27187	No
112	GOM_NL__2PRFIN20070513_094904_000000582058_00079_27187_9670.N1	13-MAY-2007 09:49:04	Bright	58.000	89	5Alp Cep	2.4510	8000.0	116	27187	No
113	GOM_NL__2PRFIN20070513_095221_000000432058_00079_27187_9671.N1	13-MAY-2007 09:52:21	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	27187	No
114	GOM_NL__2PRFIN20070513_100227_000000522058_00079_27187_9672.N1	13-MAY-2007 10:02:27	Tw_i_and_stray	52.000	93	53Bet Peg	2.5200	3100.0	104	27187	No
115	GOM_NL__2PRFIN20070513_100658_000000532058_00079_27187_9673.N1	13-MAY-2007 10:06:58	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27187	No
116	GOM_NL__2PRFIN20070513_102024_000000482058_00079_27187_9674.N1	13-MAY-2007 10:20:24	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	27187	No
117	GOM_NL__2PRFIN20070513_102615_000000412058_00079_27187_9675.N1	13-MAY-2007 10:26:15	Dark	40.500	31	Alp Gru	1.7340	15200.	81	27187	No
118	GOM_NL__2PRFIN20070513_103150_000000412058_00080_27188_9672.N1	13-MAY-2007 10:31:50	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27188	No
119	GOM_NL__2PRFIN20070513_103909_000000442058_00080_27188_9673.N1	13-MAY-2007 10:39:09	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	27188	No
120	GOM_NL__2PRFIN20070513_104136_000000522058_00080_27188_9674.N1	13-MAY-2007 10:41:36	Straylight	51.500	40	The Sco	1.8590	7100.0	103	27188	No
121	GOM_NL__2PRFIN20070513_104328_000000542058_00080_27188_9675.N1	13-MAY-2007 10:43:28	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	27188	No
122	GOM_NL__2PRFIN20070513_104557_000000532058_00080_27188_9676.N1	13-MAY-2007 10:45:57	Straylight	53.000	75	26Eps Sco	2.2910	4250.0	106	27188	No
123	GOM_NL__2PRFIN20070513_104910_000000682058_00080_27188_9677.N1	13-MAY-2007 10:49:10	Tw_i_and_stray	67.500	16	21Alp Sco	1.0200	3000.0	135	27188	No
124	GOM_NL__2PRFIN20070513_105058_000000562058_00080_27188_9678.N1	13-MAY-2007 10:50:58	Bright	55.500	80	7Del Sco	2.3160	30000.	111	27188	No
125	GOM_NL__2PRFIN20070513_105344_000000382058_00080_27188_9679.N1	13-MAY-2007 10:53:44	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27188	No
126	GOM_NL__2PRFIN20070513_105539_000000402058_00080_27188_9680.N1	13-MAY-2007 10:55:39	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27188	No
127	GOM_NL__2PRFIN20070513_110114_000000452058_00080_27188_9681.N1	13-MAY-2007 11:01:14	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27188	No
128	GOM_NL__2PRFIN20070513_110645_000000412058_00080_27188_9682.N1	13-MAY-2007 11:06:45	Bright	40.500	83		2.3780	11000.	81	27188	No
129	GOM_NL__2PRFIN20070513_110952_000000382058_00080_27188_9683.N1	13-MAY-2007 11:09:52	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	27188	No
130	GOM_NL__2PRFIN20070513_111846_000000412058_00080_27188_9684.N1	13-MAY-2007 11:18:46	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	27188	No
131	GOM_NL__2PRFIN20070513_112940_000000442058_00080_27188_9685.N1	13-MAY-2007 11:29:40	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	27188	No
132	GOM_NL__2PRFIN20070513_113257_000000412058_00080_27188_9686.N1	13-MAY-2007 11:32:57	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	27188	No
133	GOM_NL__2PRFIN20070513_114303_000000632058_00080_27188_9687.N1	13-MAY-2007 11:43:03	Tw_i_and_stray	62.500	93	53Bet Peg	2.5200	3100.0	125	27188	No
134	GOM_NL__2PRFIN20070513_114734_000000532058_00080_27188_9688.N1	13-MAY-2007 11:47:34	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27188	No
135	GOM_NL__2PRFIN20070513_120100_000000532058_00080_27188_9689.N1	13-MAY-2007 12:01:00	Dark	52.500	18	24Alp PsA	1.1660	9700.0	105	27188	No
136	GOM_NL__2PRFIN20070513_120651_000000442058_00080_27188_9690.N1	13-MAY-2007 12:06:51	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27188	No
137	GOM_NL__2PRFIN20070513_121227_000000422058_00081_27189_9694.N1	13-MAY-2007 12:12:27	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27189	No
138	GOM_NL__2PRFIN20070513_121946_000000472058_00081_27189_9695.N1	13-MAY-2007 12:19:46	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	27189	No
139	GOM_NL__2PRFIN20070513_122213_000000532058_00081_27189_9696.N1	13-MAY-2007 12:22:13	Straylight	52.500	40	The Sco	1.8590	7100.0	105	27189	No
140	GOM_NL__2PRFIN20070513_122405_000000522058_00081_27189_9697.N1	13-MAY-2007 12:24:05	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	27189	No
141	GOM_NL__2PRFIN20070513_122633_000000562058_00081_27189_9698.N1	13-MAY-2007 12:26:33	Straylight	56.000	75	26Eps Sco	2.2910	4250.0	112	27189	No
142	GOM_NL__2PRFIN20070513_122946_000000582058_00081_27189_9699.N1	13-MAY-2007 12:29:46	Tw_i_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	27189	No
143	GOM_NL__2PRFIN20070513_123134_000000522058_00081_27189_9700.N1	13-MAY-2007 12:31:34	Bright	52.000	80	7Del Sco	2.3160	30000.	104	27189	No
144	GOM_NL__2PRFIN20070513_123420_000000372058_00081_27189_9701.N1	13-MAY-2007 12:34:20	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	27189	No
145	GOM_NL__2PRFIN20070513_123615_000000392058_00081_27189_9702.N1	13-MAY-2007 12:36:15	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	27189	No
146	GOM_NL__2PRFIN20070513_124149_000000462058_00081_27189_9703.N1	13-MAY-2007 12:41:49	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	27189	No
147	GOM_NL__2PRFIN20070513_124720_000000392058_00081_27189_9704.N1	13-MAY-2007 12:47:20	Bright	38.500	83		2.3780	11000.	77	27189	No
148	GOM_NL__2PRFIN20070513_125028_000000372058_00081_27189_9705.N1	13-MAY-2007 12:50:28	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27189	No
149	GOM_NL__2PRFIN20070513_125921_000000422058_00081_27189_9706.N1	13-MAY-2007 12:59:21	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	27189	No
150	GOM_NL__2PRFIN20070513_131015_000000432058_00081_27189_9707.N1	13-MAY-2007 13:10:15	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27189	No
151	GOM_NL__2PRFIN20070513_131333_000000362058_00081_27189_9708.N1	13-MAY-2007 13:13:33	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	27189	No
152	GOM_NL__2PRFIN20070513_132339_000000572058_00081_27189_9709.N1	13-MAY-2007 13:23:39	Tw_i_and_stray	57.000	93	53Bet Peg	2.5200	3100.0	114	27189	No
153	GOM_NL__2PRFIN20070513_132810_000000522058_00081_27189_9710.N1	13-MAY-2007 13:28:10	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27189	No
154	GOM_NL__2PRFIN20070513_134137_000000552058_00081_27189_9711.N1	13-MAY-2007 13:41:37	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	27189	No
155	GOM_NL__2PRFIN20070513_134728_000000482058_00081_27189_9712.N1	13-MAY-2007 13:47:28	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27189	No
156	GOM_NL__2PRFIN20070513_135303_000000502058_00082_27190_9725.N1	13-MAY-2007 13:53:03	Dark	50.000	45	Alp Pav	1.9400	26000.	100	27190	No
157	GOM_NL__2PRFIN20070513_140022_000000502058_00082_27190_9726.N1	13-MAY-2007 14:00:22	Straylight	50.000	141	Bet Ara	2.8400	4600.0	100	27190	No
158	GOM_NL__2PRFIN20070513_140250_000000532058_00082_27190_9727.N1	13-MAY-2007 14:02:50	Straylight	53.000	40	The Sco	1.8590	7100.0	106	27190	No
159	GOM_NL__2PRFIN20070513_140441_000000502058_00082_27190_9728.N1	13-MAY-2007 14:04:41	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	27190	No
160	GOM_NL__2PRFIN20070513_140710_000000492058_00082_27190_9729.N1	13-MAY-2007 14:07:10	Straylight	49.000	75	26Eps Sco	2.2910	4250.0	98	27190	No

161	GOM_NL__2PRFIN20070513_141022_000000632058_00082_27190_9730.N1	13-MAY-2007 14:10:22	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	27190	No
162	GOM_NL__2PRFIN20070513_141210_000000582058_00082_27190_9731.N1	13-MAY-2007 14:12:10	Bright	57.500	80	7Del Sco	2.3160	30000.	115	27190	No
163	GOM_NL__2PRFIN20070513_141456_000000372058_00082_27190_9732.N1	13-MAY-2007 14:14:56	Bright	37.000	122	9Alp2Lib	2.7470	9700.0	74	27190	No
164	GOM_NL__2PRFIN20070513_141651_000000402058_00082_27190_9733.N1	13-MAY-2007 14:16:51	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27190	No
165	GOM_NL__2PRFIN20070513_142225_000000452058_00082_27190_9734.N1	13-MAY-2007 14:22:25	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	27190	No
166	GOM_NL__2PRFIN20070513_142756_000000382058_00082_27190_9735.N1	13-MAY-2007 14:27:56	Bright	37.500	83		2.3780	11000.	75	27190	No
167	GOM_NL__2PRFIN20070513_143103_000000372058_00082_27190_9736.N1	13-MAY-2007 14:31:03	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27190	No
168	GOM_NL__2PRFIN20070513_143957_000000422058_00082_27190_9737.N1	13-MAY-2007 14:39:57	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	27190	No
169	GOM_NL__2PRFIN20070513_145051_000000432058_00082_27190_9738.N1	13-MAY-2007 14:50:51	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27190	No
170	GOM_NL__2PRFIN20070513_145409_000000362058_00082_27190_9739.N1	13-MAY-2007 14:54:09	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	27190	No
171	GOM_NL__2PRFIN20070513_150416_000000542058_00082_27190_9740.N1	13-MAY-2007 15:04:16	Twilight	53.500	93	53Bet Peg	2.5200	3100.0	107	27190	No
172	GOM_NL__2PRFIN20070513_150847_000000532058_00082_27190_9741.N1	13-MAY-2007 15:08:47	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	27190	No
173	GOM_NL__2PRFIN20070513_152214_000000472058_00082_27190_9742.N1	13-MAY-2007 15:22:14	Dark	46.500	18	24Alp PsA	1.1660	9700.0	93	27190	No
174	GOM_NL__2PRFIN20070513_152805_000000432058_00082_27190_9743.N1	13-MAY-2007 15:28:05	Dark	42.500	31	Alp Gru	1.7340	15200.	85	27190	No
175	GOM_NL__2PRFIN20070513_153340_000000412058_00083_27191_9722.N1	13-MAY-2007 15:33:40	Dark	40.500	45	Alp Pav	1.9400	26000.	81	27191	No
176	GOM_NL__2PRFIN20070513_154059_000000412058_00083_27191_9723.N1	13-MAY-2007 15:40:59	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27191	No
177	GOM_NL__2PRFIN20070513_154326_000000532058_00083_27191_9724.N1	13-MAY-2007 15:43:26	Straylight	53.000	40	The Sco	1.8590	7100.0	106	27191	No
178	GOM_NL__2PRFIN20070513_154518_000000562058_00083_27191_9725.N1	13-MAY-2007 15:45:18	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	27191	No
179	GOM_NL__2PRFIN20070513_154746_000000522058_00083_27191_9726.N1	13-MAY-2007 15:47:46	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	27191	No
180	GOM_NL__2PRFIN20070513_155058_000000582058_00083_27191_9727.N1	13-MAY-2007 15:50:58	Twilight	57.500	16	21Alp Sco	1.0200	3000.0	115	27191	No
181	GOM_NL__2PRFIN20070513_155246_000000532058_00083_27191_9728.N1	13-MAY-2007 15:52:46	Bright	53.000	80	7Del Sco	2.3160	30000.	106	27191	No
182	GOM_NL__2PRFIN20070513_155532_000000382058_00083_27191_9729.N1	13-MAY-2007 15:55:32	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27191	No
183	GOM_NL__2PRFIN20070513_155727_000000532058_00083_27191_9730.N1	13-MAY-2007 15:57:27	Bright	53.000	104	27Bet Lib	2.6140	13100.	106	27191	No
184	GOM_NL__2PRFIN20070513_160300_000000462058_00083_27191_9731.N1	13-MAY-2007 16:03:00	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	27191	No
185	GOM_NL__2PRFIN20070513_160832_000000402058_00083_27191_9732.N1	13-MAY-2007 16:08:32	Bright	40.000	83		2.3780	11000.	80	27191	No
186	GOM_NL__2PRFIN20070513_161139_000000372058_00083_27191_9733.N1	13-MAY-2007 16:11:39	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27191	No
187	GOM_NL__2PRFIN20070513_162032_000000412058_00083_27191_9734.N1	13-MAY-2007 16:20:32	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	27191	No
188	GOM_NL__2PRFIN20070513_163127_000000432058_00083_27191_9735.N1	13-MAY-2007 16:31:27	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	27191	No
189	GOM_NL__2PRFIN20070513_163445_000000412058_00083_27191_9736.N1	13-MAY-2007 16:34:45	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	27191	No
190	GOM_NL__2PRFIN20070513_164452_000000542058_00083_27191_9737.N1	13-MAY-2007 16:44:52	Twilight	54.000	93	53Bet Peg	2.5200	3100.0	108	27191	No
191	GOM_NL__2PRFIN20070513_164923_000000542058_00083_27191_9738.N1	13-MAY-2007 16:49:23	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	27191	No
192	GOM_NL__2PRFIN20070513_170251_000000482058_00083_27191_9739.N1	13-MAY-2007 17:02:51	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	27191	No
193	GOM_NL__2PRFIN20070513_170841_000000442058_00083_27191_9740.N1	13-MAY-2007 17:08:41	Dark	43.500	31	Alp Gru	1.7340	15200.	87	27191	No
194	GOM_NL__2PRFIN20070513_171417_000000422058_00084_27192_9760.N1	13-MAY-2007 17:14:17	Dark	41.500	45	Alp Pav	1.9400	26000.	83	27192	No
195	GOM_NL__2PRFIN20070513_172135_000000512058_00084_27192_9761.N1	13-MAY-2007 17:21:35	Straylight	50.500	141	Bet Ara	2.8400	4600.0	101	27192	No
196	GOM_NL__2PRFIN20070513_172403_000000532058_00084_27192_9762.N1	13-MAY-2007 17:24:03	Straylight	53.000	40	The Sco	1.8590	7100.0	106	27192	No
197	GOM_NL__2PRFIN20070513_172555_000000572058_00084_27192_9763.N1	13-MAY-2007 17:25:55	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	27192	No
198	GOM_NL__2PRFIN20070513_172823_000000542058_00084_27192_9764.N1	13-MAY-2007 17:28:23	Straylight	53.500	75	26Eps Sco	2.2910	4250.0	107	27192	No
199	GOM_NL__2PRFIN20070513_173135_000000672058_00084_27192_9765.N1	13-MAY-2007 17:31:35	Twilight	67.000	16	21Alp Sco	1.0200	3000.0	134	27192	No
200	GOM_NL__2PRFIN20070513_173323_000000522058_00084_27192_9766.N1	13-MAY-2007 17:33:23	Bright	52.000	80	7Del Sco	2.3160	30000.	104	27192	No
201	GOM_NL__2PRFIN20070513_173608_000000382058_00084_27192_9767.N1	13-MAY-2007 17:36:08	Bright	37.500	122	9Alp2Lib	2.7470	9700.0	75	27192	No
202	GOM_NL__2PRFIN20070513_173803_000000412058_00084_27192_9768.N1	13-MAY-2007 17:38:03	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27192	No
203	GOM_NL__2PRFIN20070513_174336_000000452058_00084_27192_9769.N1	13-MAY-2007 17:43:36	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27192	No
204	GOM_NL__2PRFIN20070513_174907_000000392058_00084_27192_9770.N1	13-MAY-2007 17:49:07	Bright	39.000	83		2.3780	11000.	78	27192	No
205	GOM_NL__2PRFIN20070513_175215_000000372058_00084_27192_9771.N1	13-MAY-2007 17:52:15	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27192	No
206	GOM_NL__2PRFIN20070513_180108_000000402058_00084_27192_9772.N1	13-MAY-2007 18:01:08	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27192	No
207	GOM_NL__2PRFIN20070513_181202_000000432058_00084_27192_9773.N1	13-MAY-2007 18:12:02	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	27192	No
208	GOM_NL__2PRFIN20070513_181521_000000362058_00084_27192_9774.N1	13-MAY-2007 18:15:21	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	27192	No
209	GOM_NL__2PRFIN20070513_182528_000000582058_00084_27192_9775.N1	13-MAY-2007 18:25:28	Twilight	57.500	93	53Bet Peg	2.5200	3100.0	115	27192	No
210	GOM_NL__2PRFIN20070513_182830_000000422058_00084_27192_9776.N1	13-MAY-2007 18:28:30	Twilight	42.000	140	88Gam Peg	2.8340	26000.	84	27192	No
211	GOM_NL__2PRFIN20070513_183000_000000482058_00084_27192_9777.N1	13-MAY-2007 18:30:00	Dark	48.000	90	54Alp Peg	2.4870	11000.	96	27192	No
212	GOM_NL__2PRFIN20070513_184327_000000472058_00084_27192_9778.N1	13-MAY-2007 18:43:27	Dark	47.000	18	24Alp PsA	1.1660	9700.0	94	27192	No
213	GOM_NL__2PRFIN20070513_184918_000000512058_00084_27192_9779.N1	13-MAY-2007 18:49:18	Dark	50.500	31	Alp Gru	1.7340	15200.	101	27192	No
214	GOM_NL__2PRFIN20070513_185453_000000422058_00085_27193_9747.N1	13-MAY-2007 18:54:53	Dark	42.000	45	Alp Pav	1.9400	26000.	84	27193	No
215	GOM_NL__2PRFIN20070513_190212_000000482058_00085_27193_9748.N1	13-MAY-2007 19:02:12	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	27193	No
216	GOM_NL__2PRFIN20070513_190440_000000482058_00085_27193_9749.N1	13-MAY-2007 19:04:40	Straylight	48.000	40	The Sco	1.8590	7100.0	96	27193	No
217	GOM_NL__2PRFIN20070513_190631_000000512058_00085_27193_9750.N1	13-MAY-2007 19:06:31	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	27193	No
218	GOM_NL__2PRFIN20070513_190859_000000522058_00085_27193_9751.N1	13-MAY-2007 19:08:59	Straylight	52.000	75	26Eps Sco	2.2910	4250.0	104	27193	No
219	GOM_NL__2PRFIN20070513_191211_000000622058_00085_27193_9752.N1	13-MAY-2007 19:12:11	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	27193	No



220	GOM_NL__2PRFIN20070513_191359_000000542058_00085_27193_9753.N1	13-MAY-2007 19:13:59	Bright	53.500	80	7Del Sco	2.3160	30000.	107	27193	No
221	GOM_NL__2PRFIN20070513_191647_000000362058_00085_27193_9754.N1	13-MAY-2007 19:16:47	Bright	35.500	122	9Alp2Lib	2.7470	9700.0	71	27193	No
222	GOM_NL__2PRFIN20070513_191839_000000402058_00085_27193_9755.N1	13-MAY-2007 19:18:39	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	27193	No
223	GOM_NL__2PRFIN20070513_192412_000000452058_00085_27193_9756.N1	13-MAY-2007 19:24:12	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27193	No
224	GOM_NL__2PRFIN20070513_192943_000000382058_00085_27193_9757.N1	13-MAY-2007 19:29:43	Bright	38.000	83		2.3780	11000.	76	27193	No
225	GOM_NL__2PRFIN20070513_193251_000000372058_00085_27193_9758.N1	13-MAY-2007 19:32:51	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	27193	No
226	GOM_NL__2PRFIN20070513_194143_000000402058_00085_27193_9759.N1	13-MAY-2007 19:41:43	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27193	No
227	GOM_NL__2PRFIN20070513_195237_000000442058_00085_27193_9760.N1	13-MAY-2007 19:52:37	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	27193	No
228	GOM_NL__2PRFIN20070513_195556_000000362058_00085_27193_9761.N1	13-MAY-2007 19:55:56	Bright	35.500	74	11Bet Cas	2.2680	6600.0	71	27193	No
229	GOM_NL__2PRFIN20070513_200604_000000562058_00085_27193_9762.N1	13-MAY-2007 20:06:04	Twi_and_stray	55.500	93	53Bet Peg	2.5200	3100.0	111	27193	No
230	GOM_NL__2PRFIN20070513_200906_000000412058_00085_27193_9763.N1	13-MAY-2007 20:09:06	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	27193	No
231	GOM_NL__2PRFIN20070513_201036_000000542058_00085_27193_9764.N1	13-MAY-2007 20:10:36	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	27193	No
232	GOM_NL__2PRFIN20070513_202404_000000482058_00085_27193_9765.N1	13-MAY-2007 20:24:04	Dark	48.000	18	24Alp PsA	1.1660	9700.0	96	27193	No
233	GOM_NL__2PRFIN20070513_202955_000000422058_00085_27193_9766.N1	13-MAY-2007 20:29:55	Dark	41.500	31	Alp Gru	1.7340	15200.	83	27193	No
234	GOM_NL__2PRFIN20070513_203530_000000412058_00086_27194_9770.N1	13-MAY-2007 20:35:30	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27194	No
235	GOM_NL__2PRFIN20070513_204248_000000412058_00086_27194_0141.N1	13-MAY-2007 20:42:48	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27194	No
236	GOM_NL__2PRFIN20070513_204516_000000542058_00086_27194_0142.N1	13-MAY-2007 20:45:16	Straylight	54.000	40	The Sco	1.8590	7100.0	108	27194	No
237	GOM_NL__2PRFIN20070513_204708_000000522058_00086_27194_0143.N1	13-MAY-2007 20:47:08	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	27194	No
238	GOM_NL__2PRFIN20070513_204936_000000562058_00086_27194_0144.N1	13-MAY-2007 20:49:36	Straylight	56.000	75	26Eps Sco	2.2910	4250.0	112	27194	No
239	GOM_NL__2PRFIN20070513_205247_000000672058_00086_27194_0145.N1	13-MAY-2007 20:52:47	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	27194	No
240	GOM_NL__2PRFIN20070513_205435_000000512058_00086_27194_0146.N1	13-MAY-2007 20:54:35	Bright	51.000	80	7Del Sco	2.3160	30000.	102	27194	No
241	GOM_NL__2PRFIN20070513_205915_000000412058_00086_27194_0147.N1	13-MAY-2007 20:59:15	Bright	40.500	104	27Bet Lib	2.6140	13100.	81	27194	No
242	GOM_NL__2PRFIN20070513_210447_000000452058_00086_27194_0148.N1	13-MAY-2007 21:04:47	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27194	No
243	GOM_NL__2PRFIN20070513_211019_000000392058_00086_27194_0149.N1	13-MAY-2007 21:10:19	Bright	39.000	83		2.3780	11000.	78	27194	No
244	GOM_NL__2PRFIN20070513_211326_000000372058_00086_27194_0150.N1	13-MAY-2007 21:13:26	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	27194	No
245	GOM_NL__2PRFIN20070513_212219_000000422058_00086_27194_0151.N1	13-MAY-2007 21:22:19	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	27194	No
246	GOM_NL__2PRFIN20070513_213313_000000562058_00086_27194_0152.N1	13-MAY-2007 21:33:13	Bright	55.500	89	5Alp Cep	2.4510	8000.0	111	27194	No
247	GOM_NL__2PRFIN20070513_213632_000000352058_00086_27194_0153.N1	13-MAY-2007 21:36:32	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	27194	No
248	GOM_NL__2PRFIN20070513_214640_000000592058_00086_27194_0154.N1	13-MAY-2007 21:46:40	Twi_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	27194	No
249	GOM_NL__2PRFIN20070513_214942_000000412058_00086_27194_0155.N1	13-MAY-2007 21:49:42	Twilight	41.000	140	88Gam Peg	2.8340	26000.	82	27194	No
250	GOM_NL__2PRFIN20070513_215112_000000522058_00086_27194_0156.N1	13-MAY-2007 21:51:12	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	27194	No
251	GOM_NL__2PRFIN20070513_220441_000000442058_00086_27194_0157.N1	13-MAY-2007 22:04:41	Dark	43.500	18	24Alp PsA	1.1660	9700.0	87	27194	No
252	GOM_NL__2PRFIN20070513_221031_000000422058_00086_27194_0158.N1	13-MAY-2007 22:10:31	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27194	No
253	GOM_NL__2PRFIN20070513_221606_000000412058_00087_27195_9781.N1	13-MAY-2007 22:16:06	Dark	41.000	45	Alp Pav	1.9400	26000.	82	27195	No
254	GOM_NL__2PRFIN20070513_222325_000000422058_00087_27195_9782.N1	13-MAY-2007 22:23:25	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27195	No
255	GOM_NL__2PRFIN20070513_222553_000000512058_00087_27195_9783.N1	13-MAY-2007 22:25:53	Straylight	51.000	40	The Sco	1.8590	7100.0	102	27195	No
256	GOM_NL__2PRFIN20070513_222744_000000562058_00087_27195_9784.N1	13-MAY-2007 22:27:44	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	27195	No
257	GOM_NL__2PRFIN20070513_223012_000000522058_00087_27195_0155.N1	13-MAY-2007 22:30:12	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	27195	No
258	GOM_NL__2PRFIN20070513_223323_000000672058_00087_27195_0156.N1	13-MAY-2007 22:33:23	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	27195	No
259	GOM_NL__2PRFIN20070513_223511_000000552058_00087_27195_0157.N1	13-MAY-2007 22:35:11	Bright	54.500	80	7Del Sco	2.3160	30000.	109	27195	No
260	GOM_NL__2PRFIN20070513_223951_000000412058_00087_27195_0158.N1	13-MAY-2007 22:39:51	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	27195	No
261	GOM_NL__2PRFIN20070513_224523_000000452058_00087_27195_0159.N1	13-MAY-2007 22:45:23	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	27195	No
262	GOM_NL__2PRFIN20070513_225054_000000372058_00087_27195_0160.N1	13-MAY-2007 22:50:54	Bright	37.000	83		2.3780	11000.	74	27195	No
263	GOM_NL__2PRFIN20070513_225402_000000552058_00087_27195_0161.N1	13-MAY-2007 22:54:02	Bright	55.000	180	27Gam Boo	3.0400	8000.0	110	27195	No
264	GOM_NL__2PRFIN20070513_230254_000000412058_00087_27195_0162.N1	13-MAY-2007 23:02:54	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	27195	No
265	GOM_NL__2PRFIN20070513_231348_000000452058_00087_27195_0163.N1	13-MAY-2007 23:13:48	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	27195	No
266	GOM_NL__2PRFIN20070513_231708_000000412058_00087_27195_0164.N1	13-MAY-2007 23:17:08	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	27195	No
267	GOM_NL__2PRFIN20070513_232716_000000542058_00087_27195_0165.N1	13-MAY-2007 23:27:16	Twi_and_stray	54.000	93	53Bet Peg	2.5200	3100.0	108	27195	No
268	GOM_NL__2PRFIN20070513_233019_000000422058_00087_27195_0166.N1	13-MAY-2007 23:30:19	Twilight	41.500	140	88Gam Peg	2.8340	26000.	83	27195	No
269	GOM_NL__2PRFIN20070513_233149_000000532058_00087_27195_0167.N1	13-MAY-2007 23:31:49	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	27195	No
270	GOM_NL__2PRFIN20070513_234517_000000502058_00087_27195_0168.N1	13-MAY-2007 23:45:17	Dark	50.000	18	24Alp PsA	1.1660	9700.0	100	27195	No
271	GOM_NL__2PRFIN20070513_235108_000000422058_00087_27195_0169.N1	13-MAY-2007 23:51:08	Dark	42.000	31	Alp Gru	1.7340	15200.	84	27195	No
272	GOM_NL__2PRFIN20070513_235643_000000432058_00088_27196_9797.N1	13-MAY-2007 23:56:43	Dark	42.500	45	Alp Pav	1.9400	26000.	85	27196	No

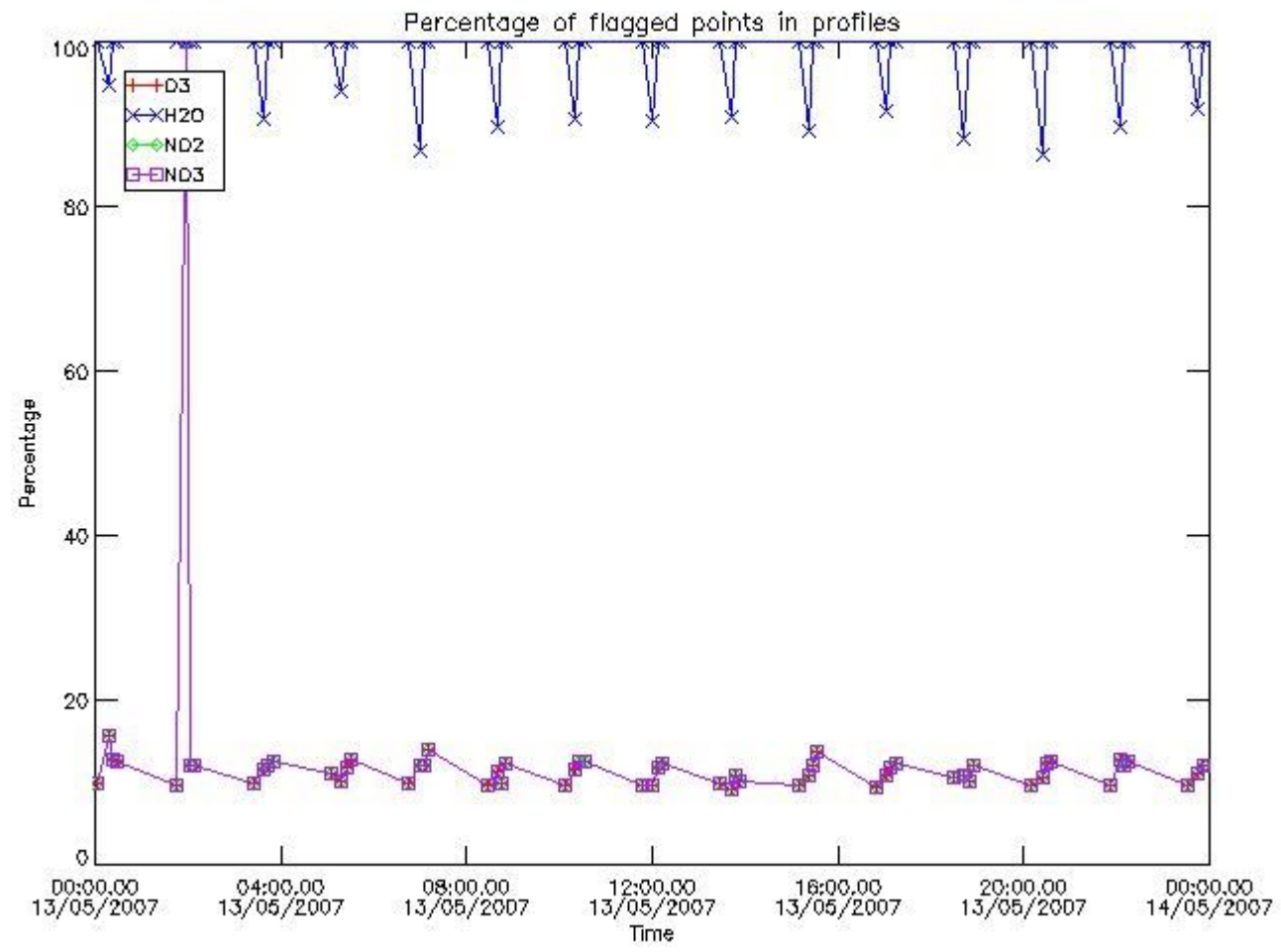
### 3. Quality information per product

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



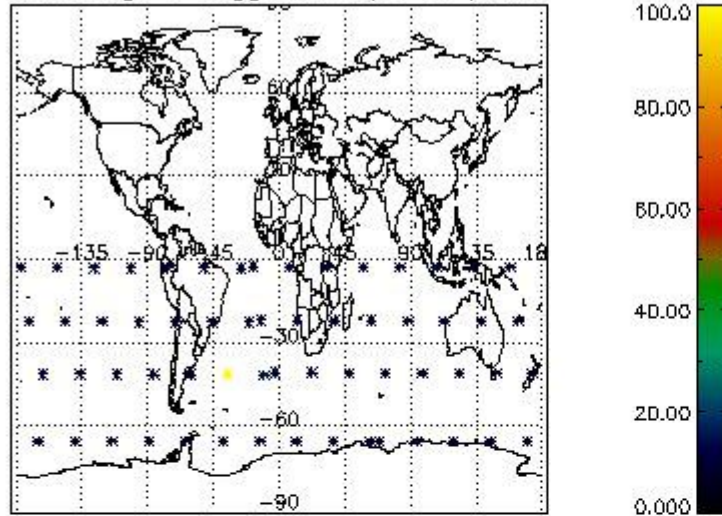
the MPH set to "0") are used.

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

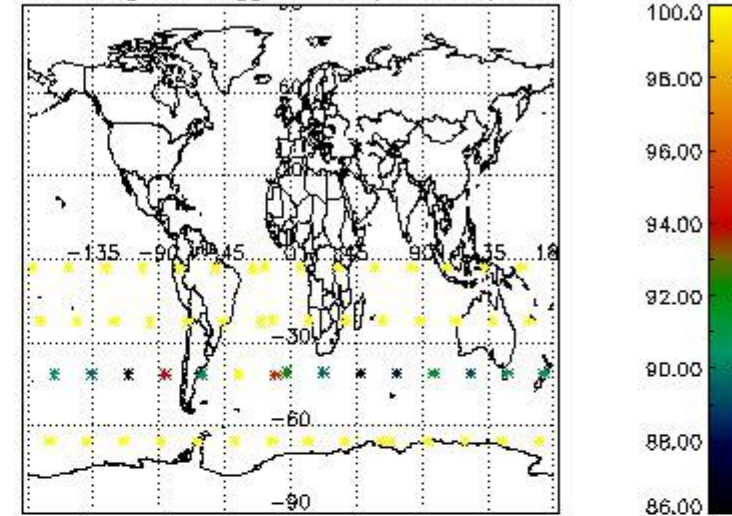


### 3.2 Plot quality information per product (world map)

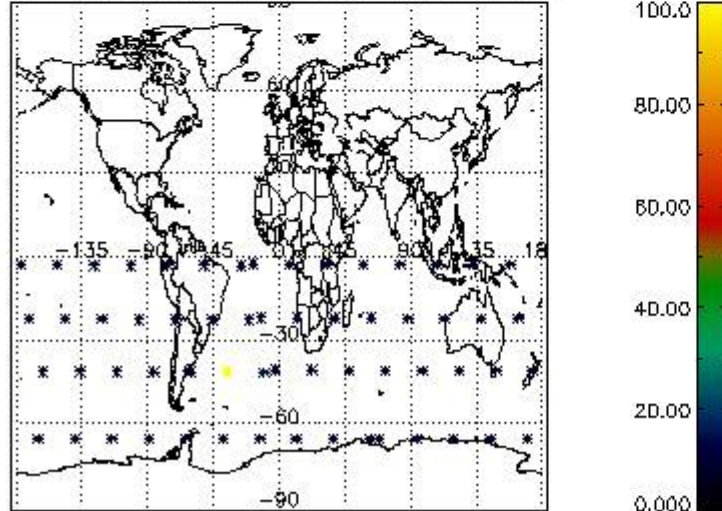
Percentage of flagged data per O3 profile



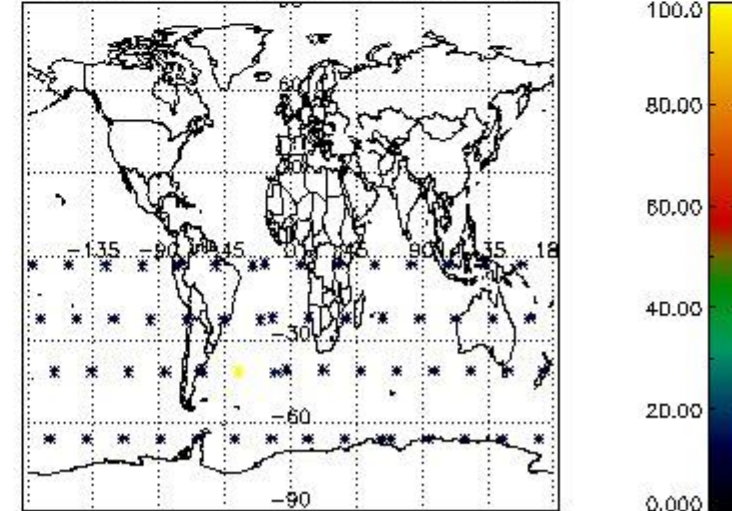
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

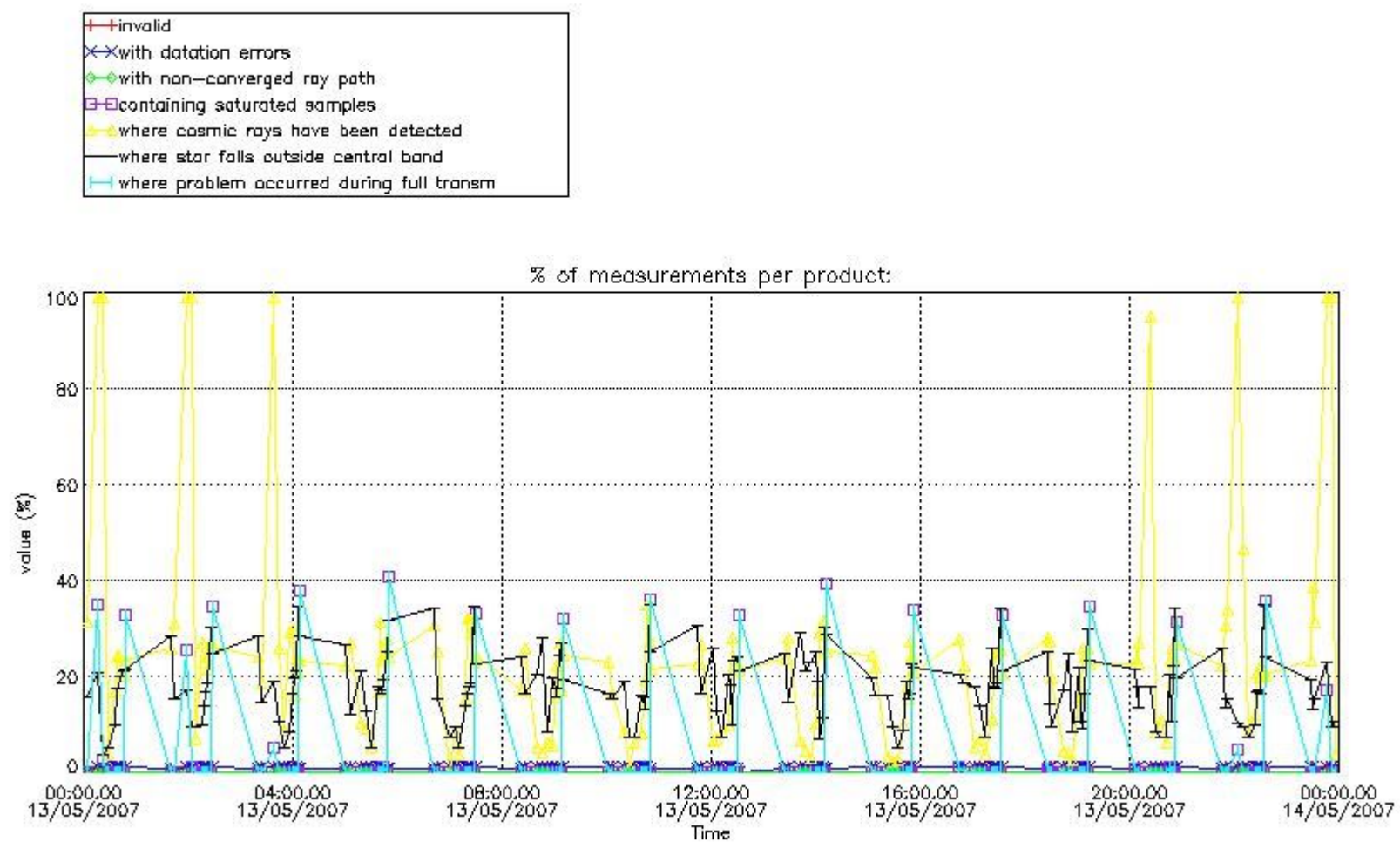


#### 4. Level 1 quality information per product

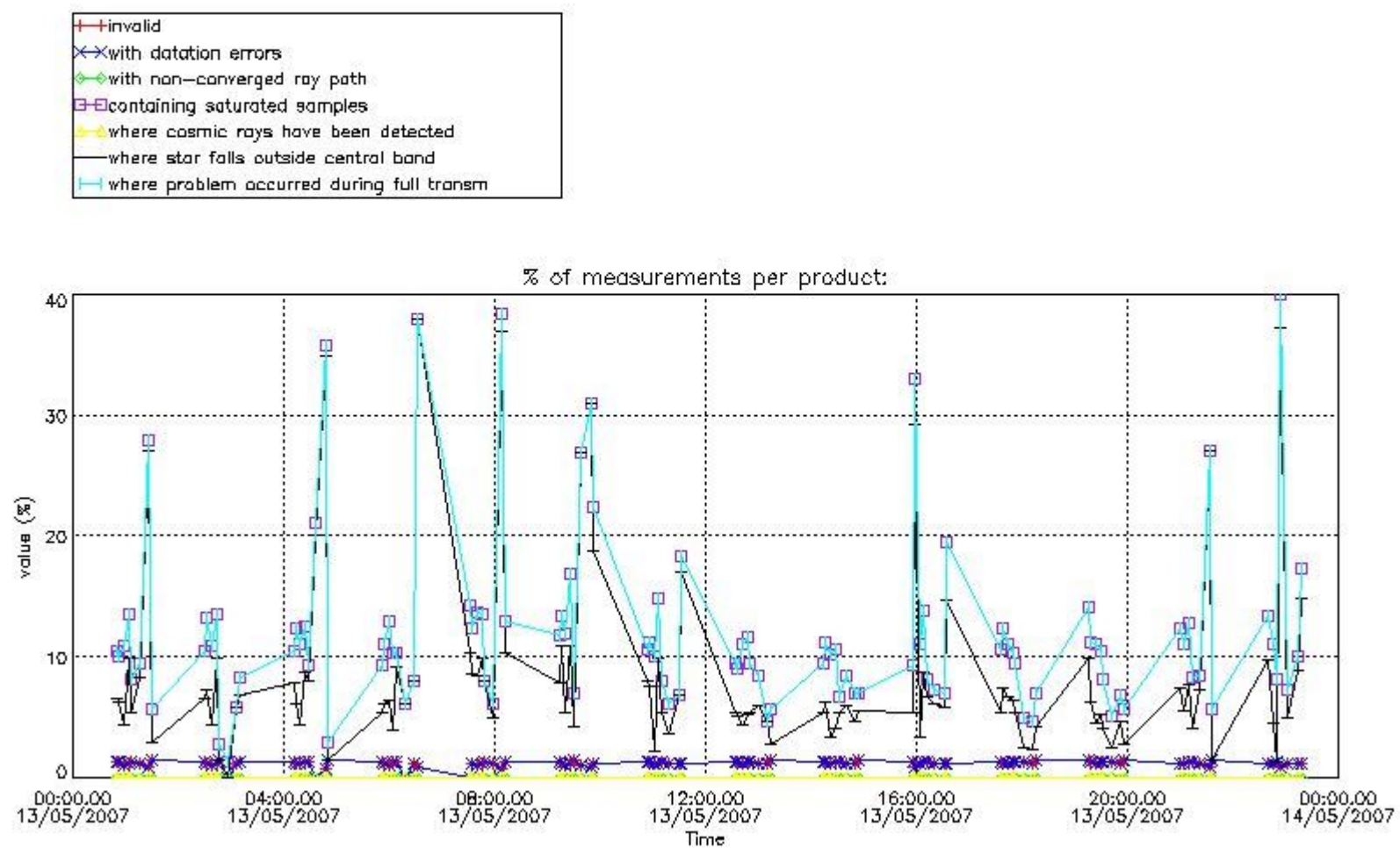
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



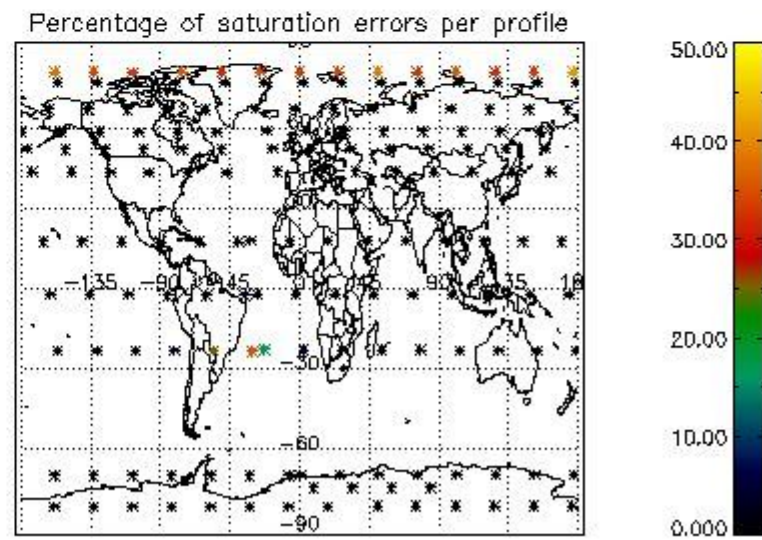
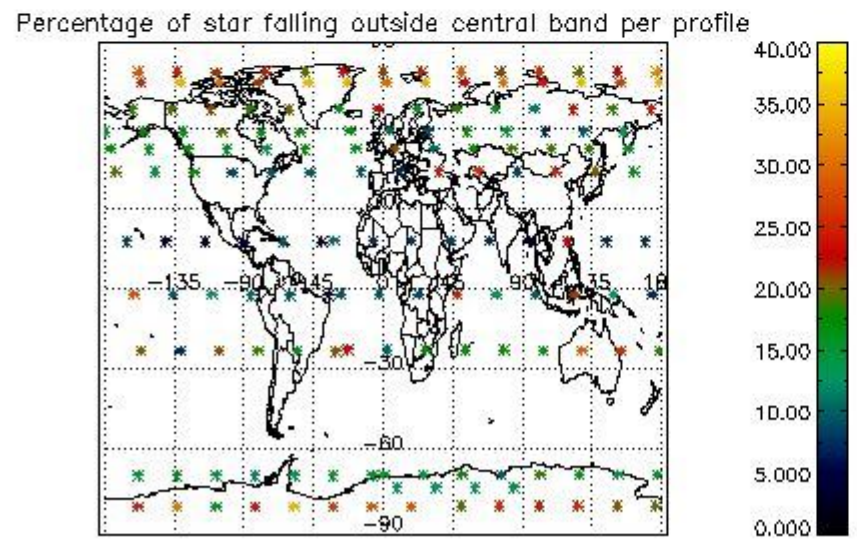
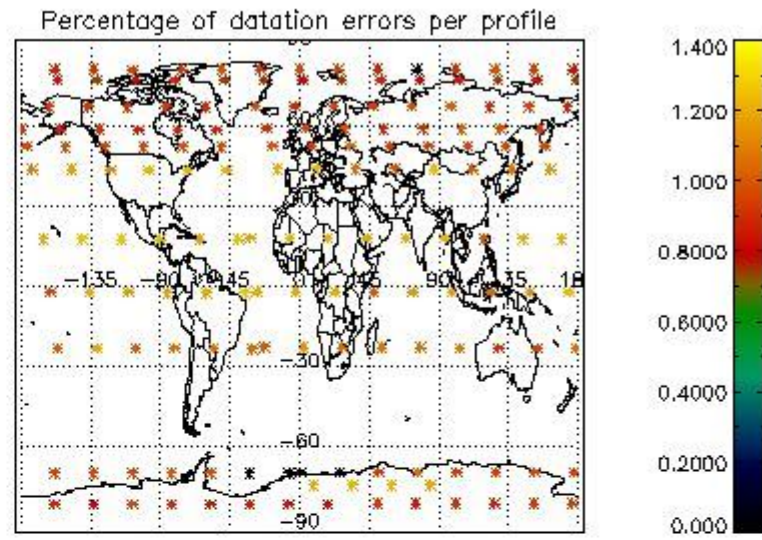
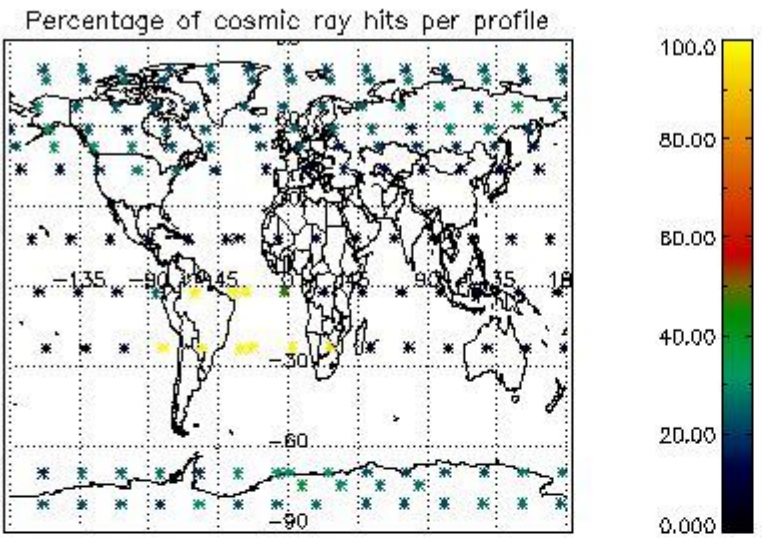
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



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

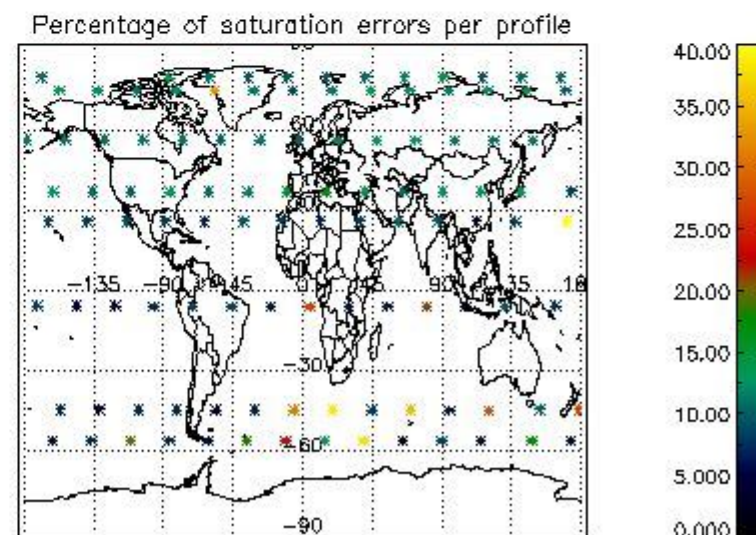
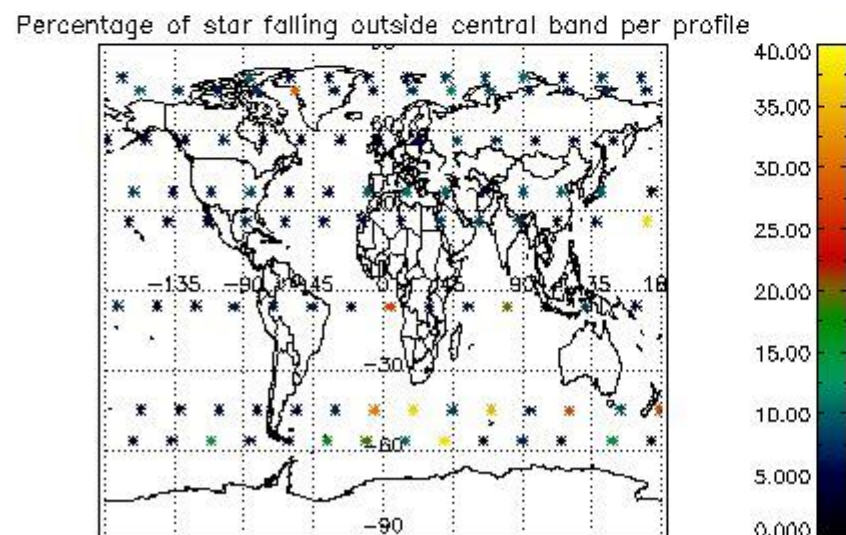
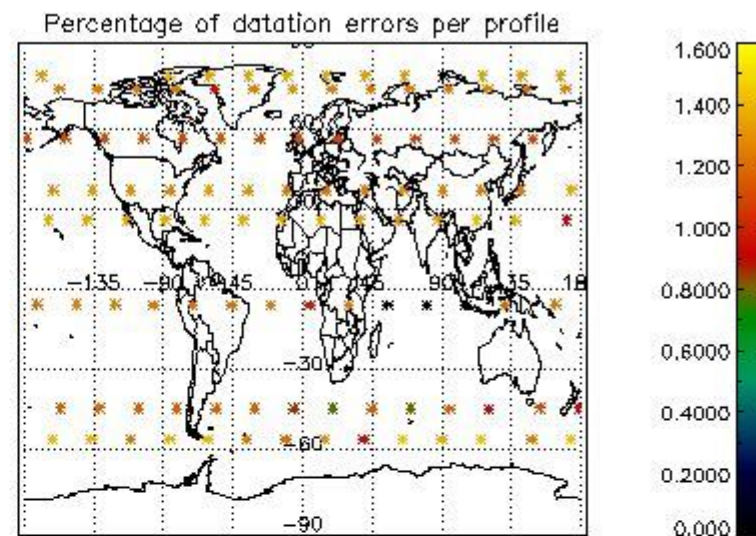
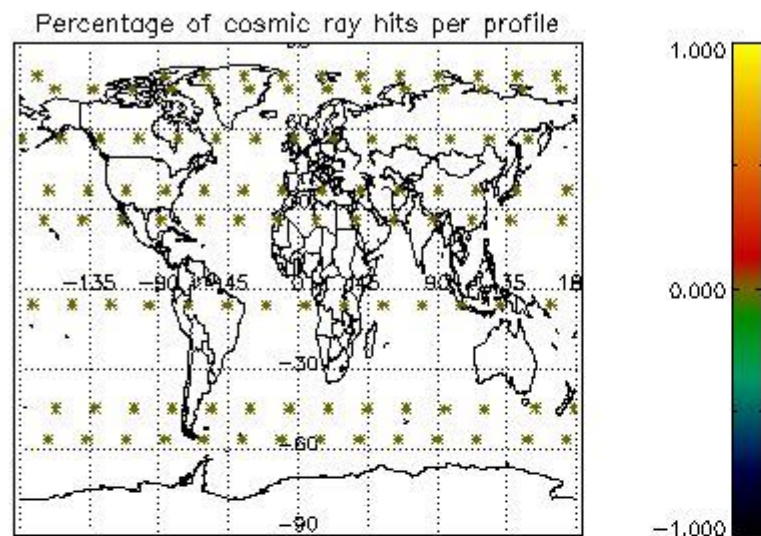
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

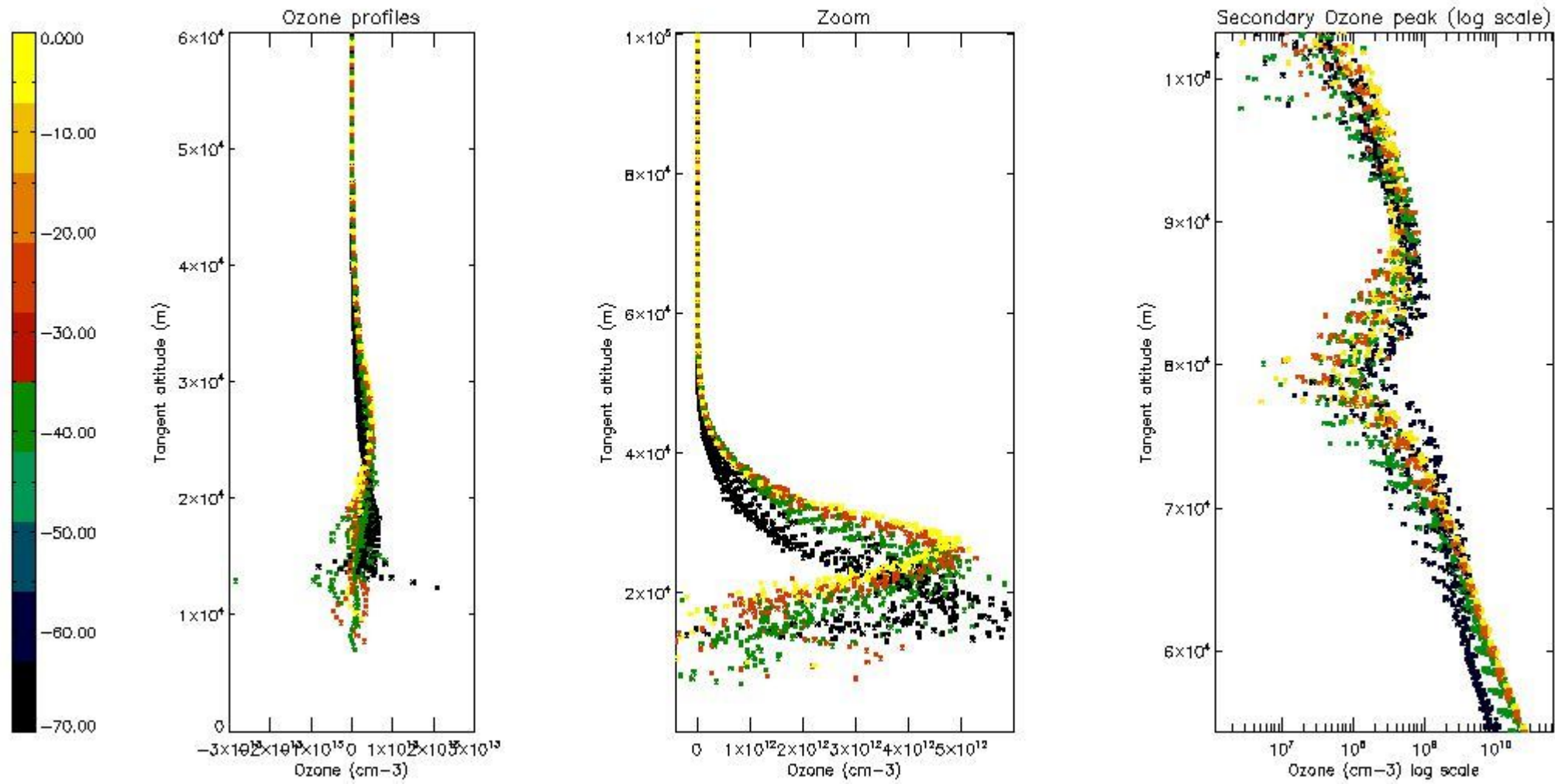
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	15

STD < 10	12
STD < 5	8

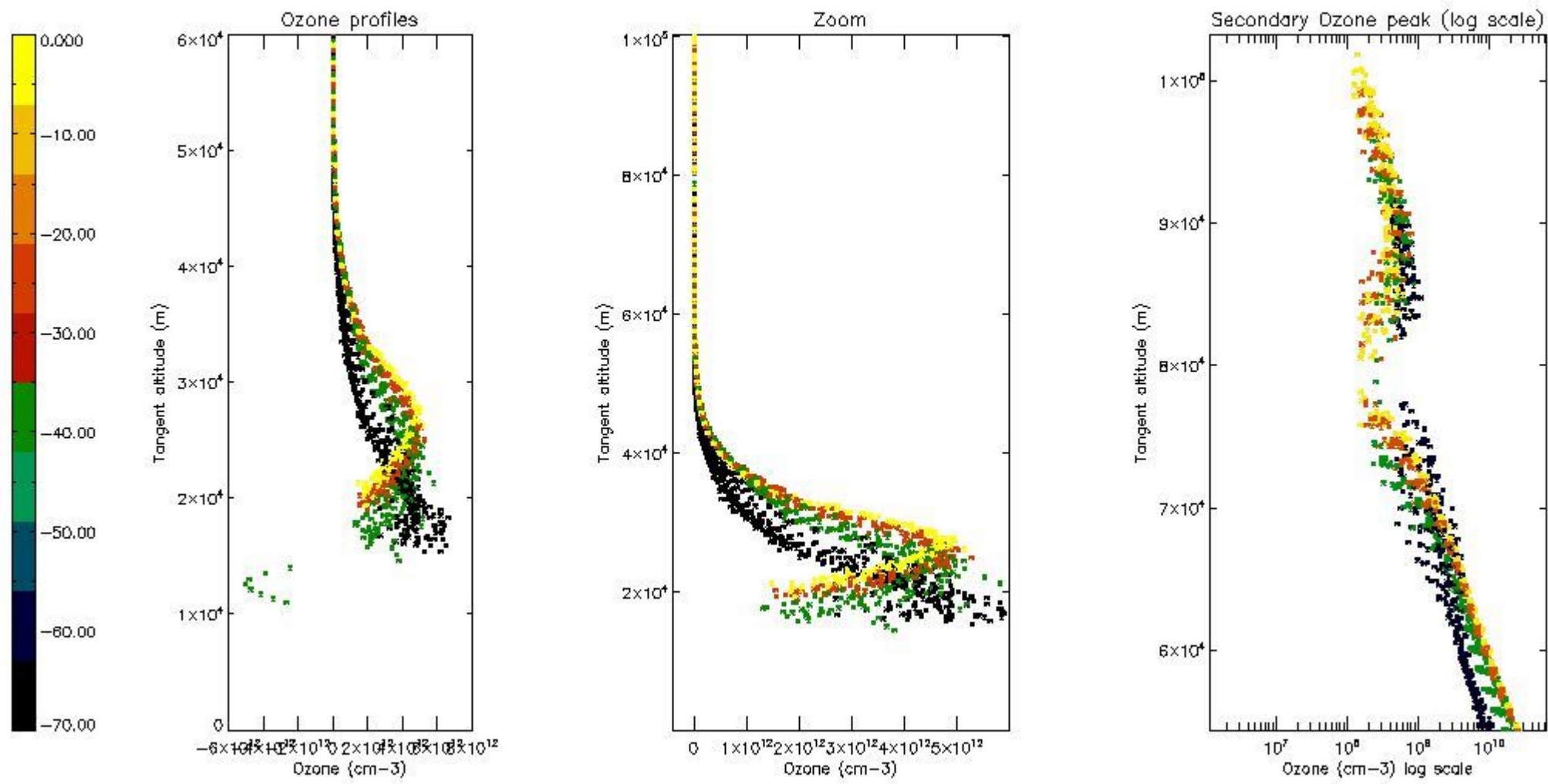
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

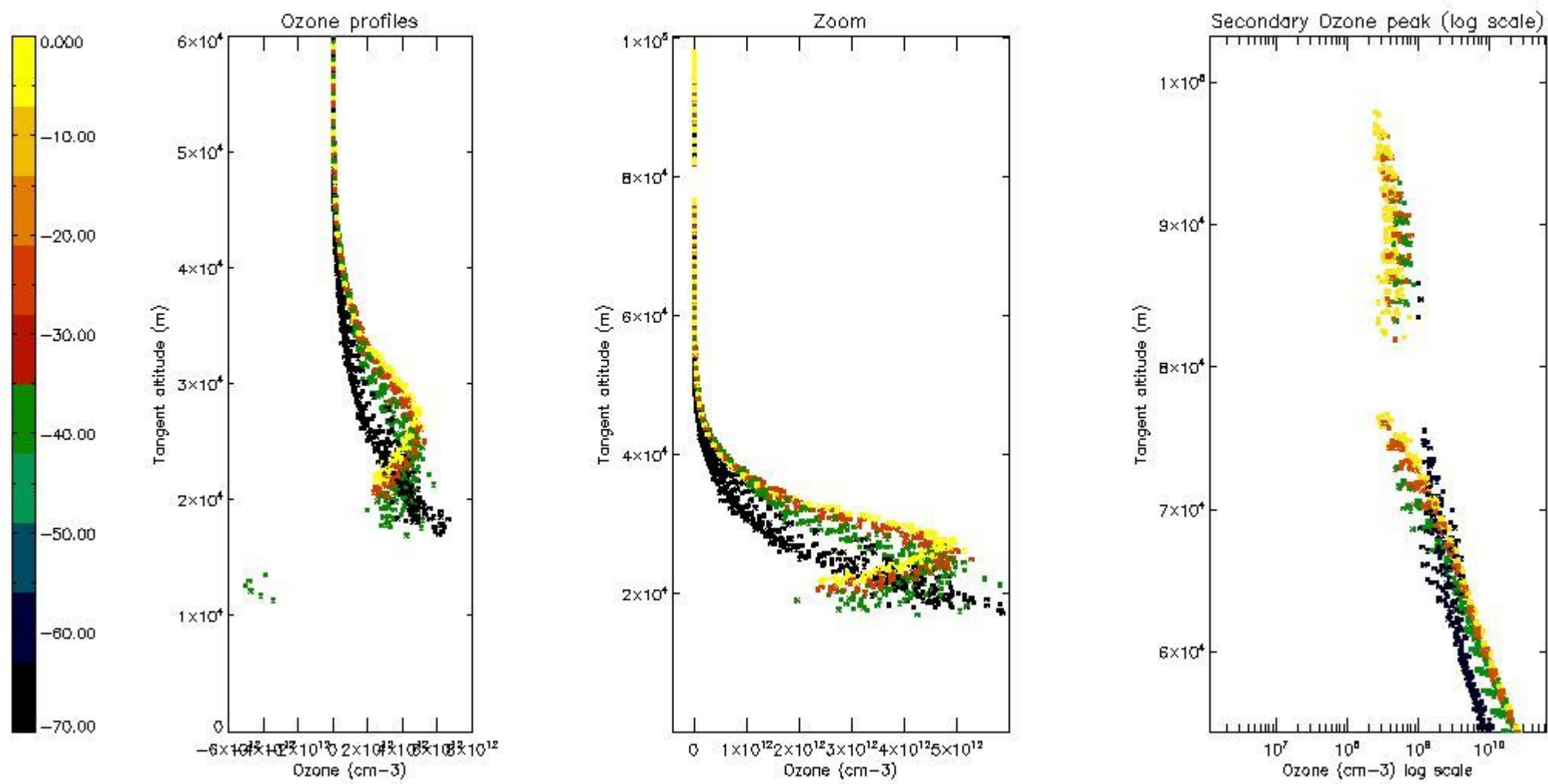
The colorbar represents the latitude.



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

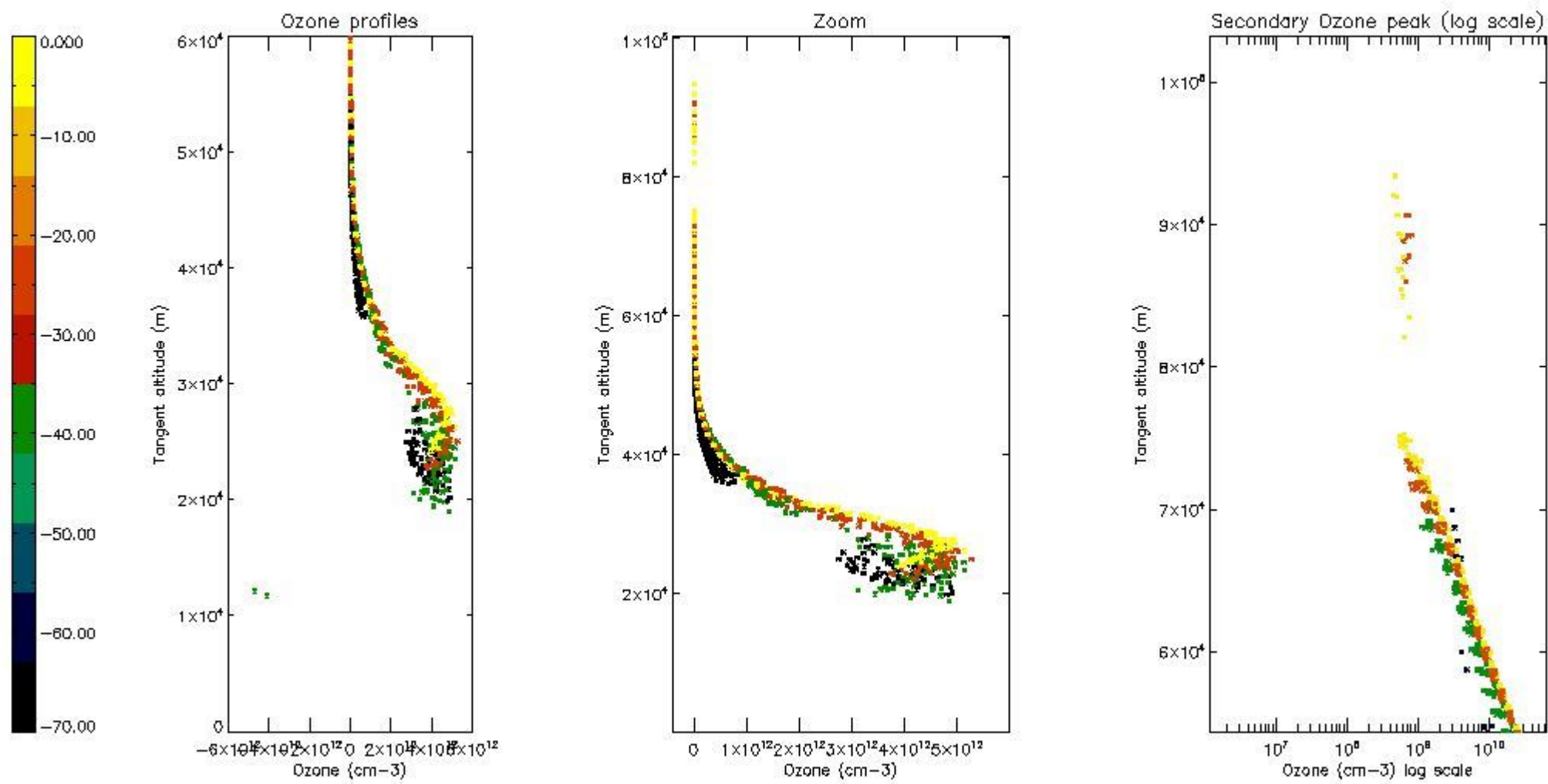
The colorbar represents the latitude.





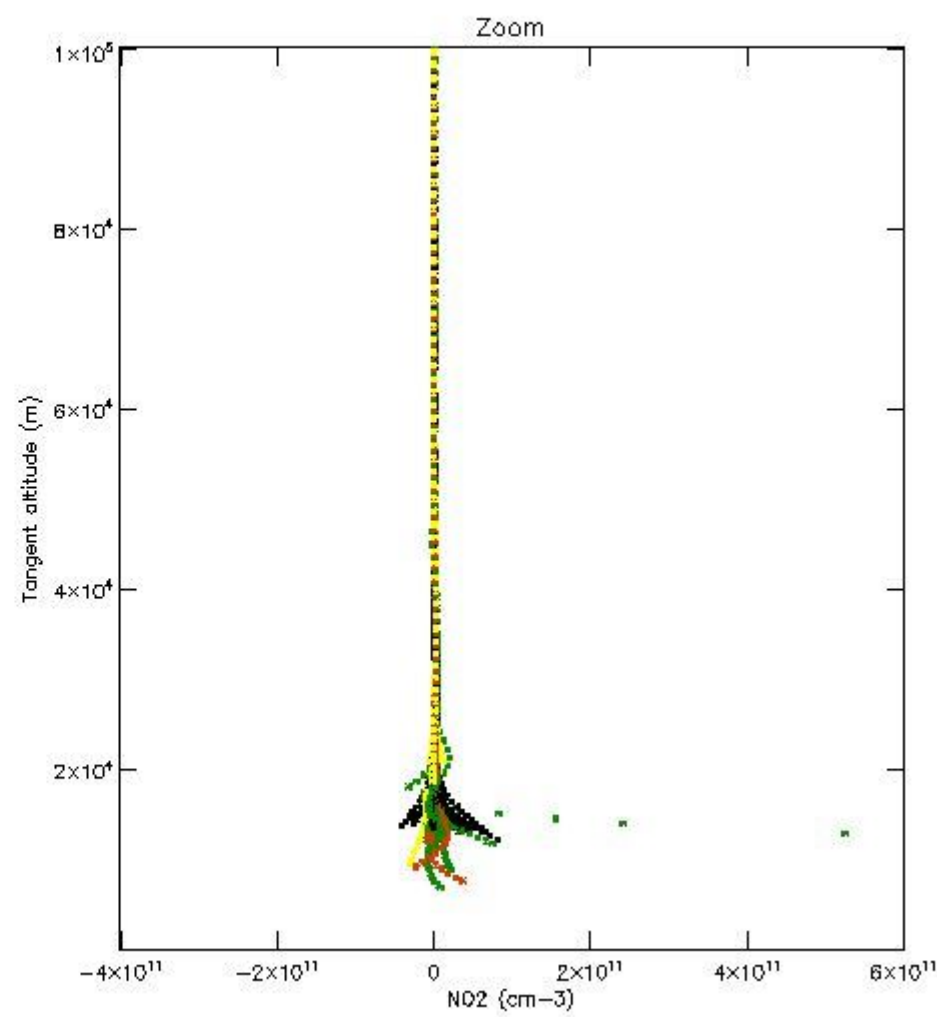
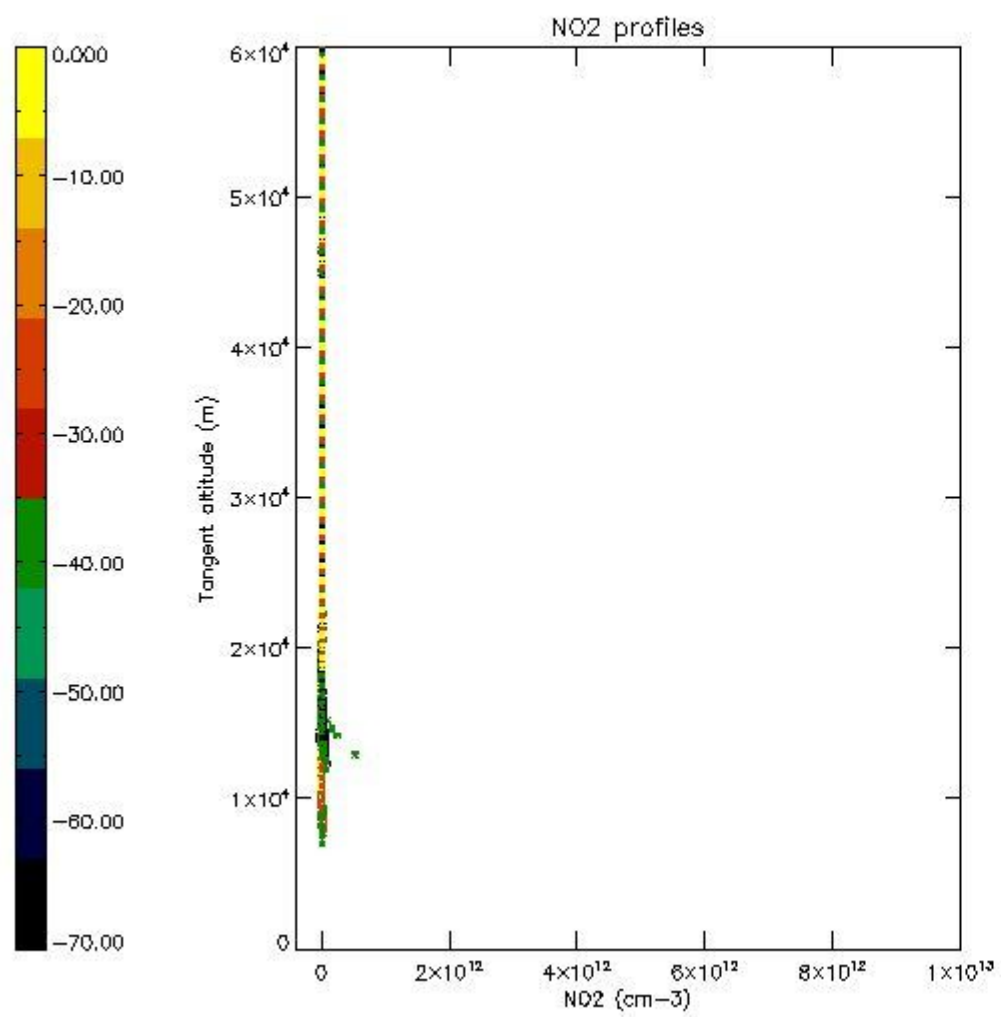
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



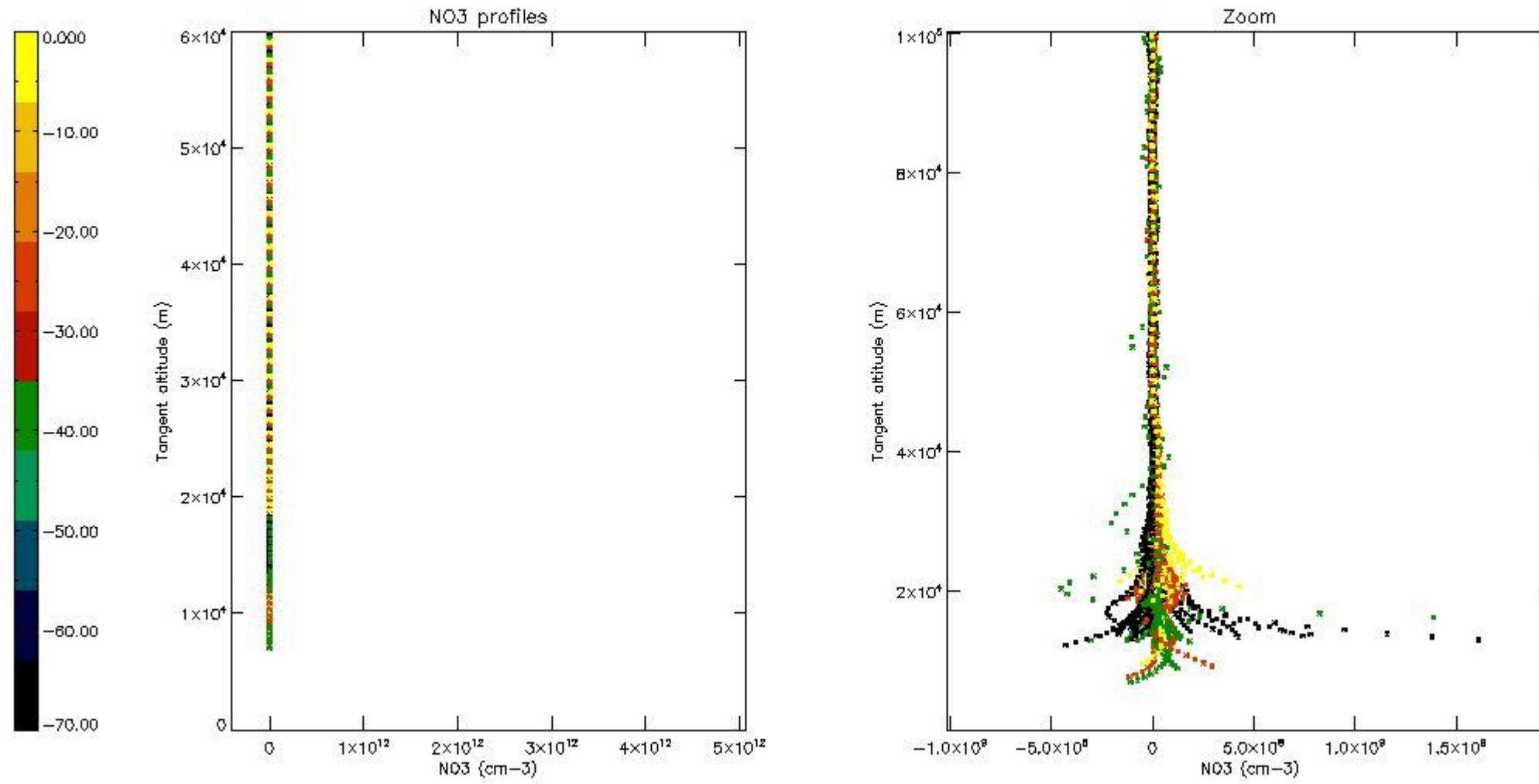
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

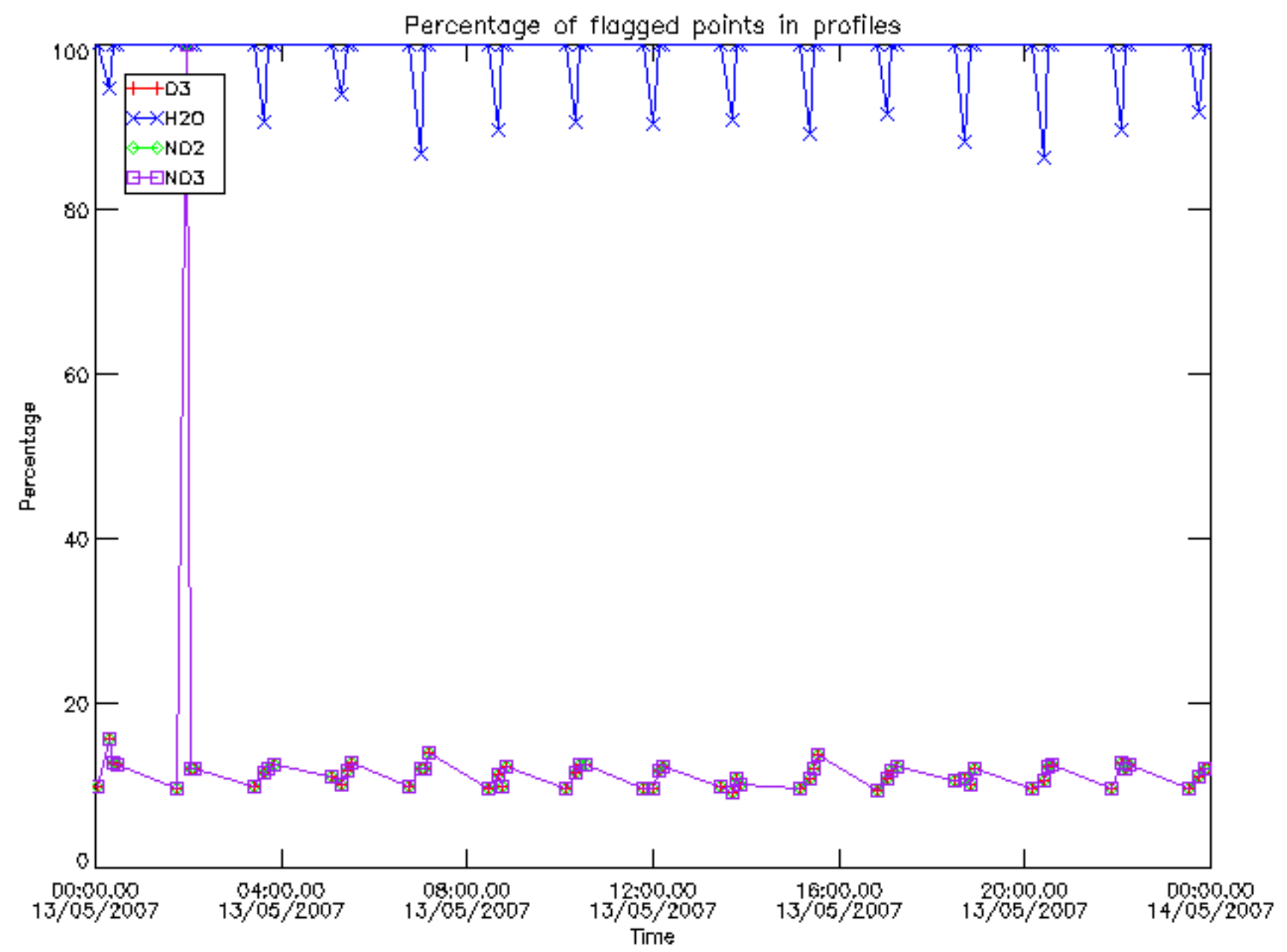


## 6. Auxiliary Data Files used for the production reported in section 2

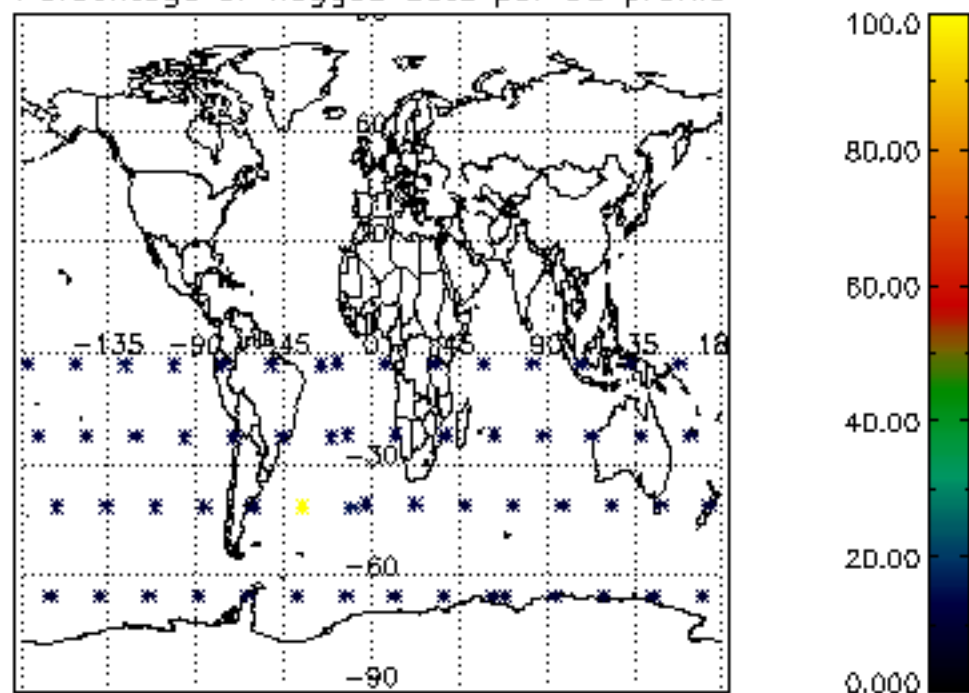
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-MAY-2007 00:03:19
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-MAY-2007 00:03:19
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-MAY-2007 00:03:19

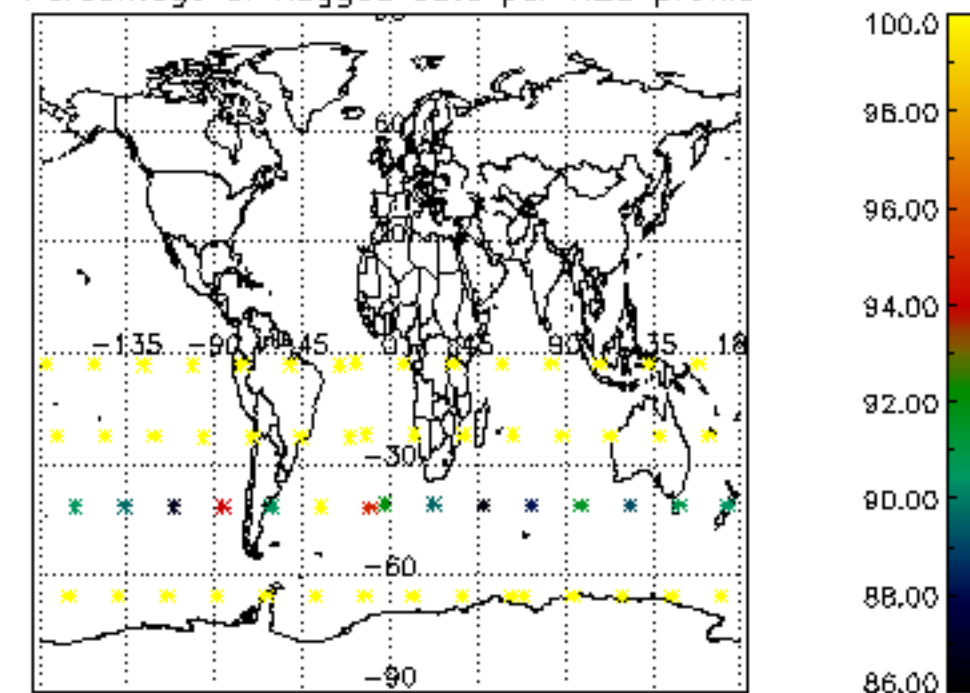




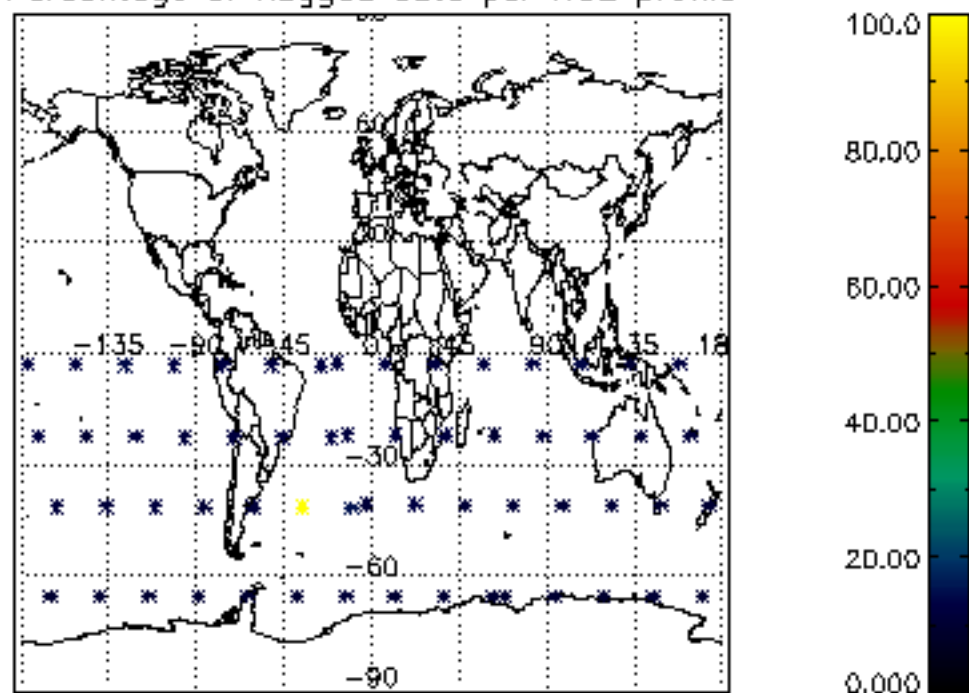
Percentage of flagged data per D3 profile



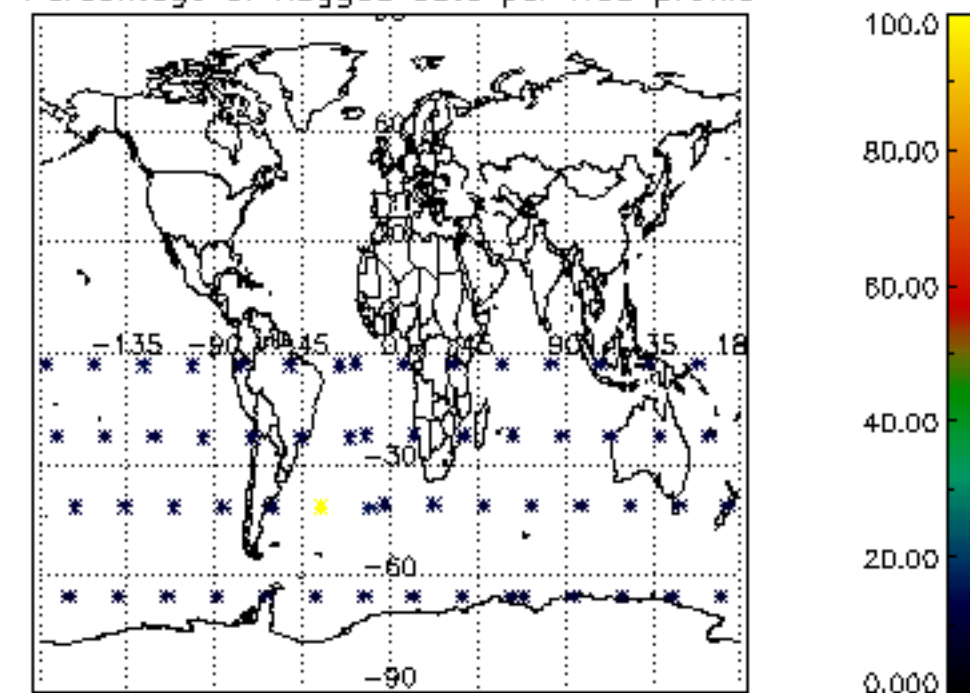
Percentage of flagged data per H2O profile

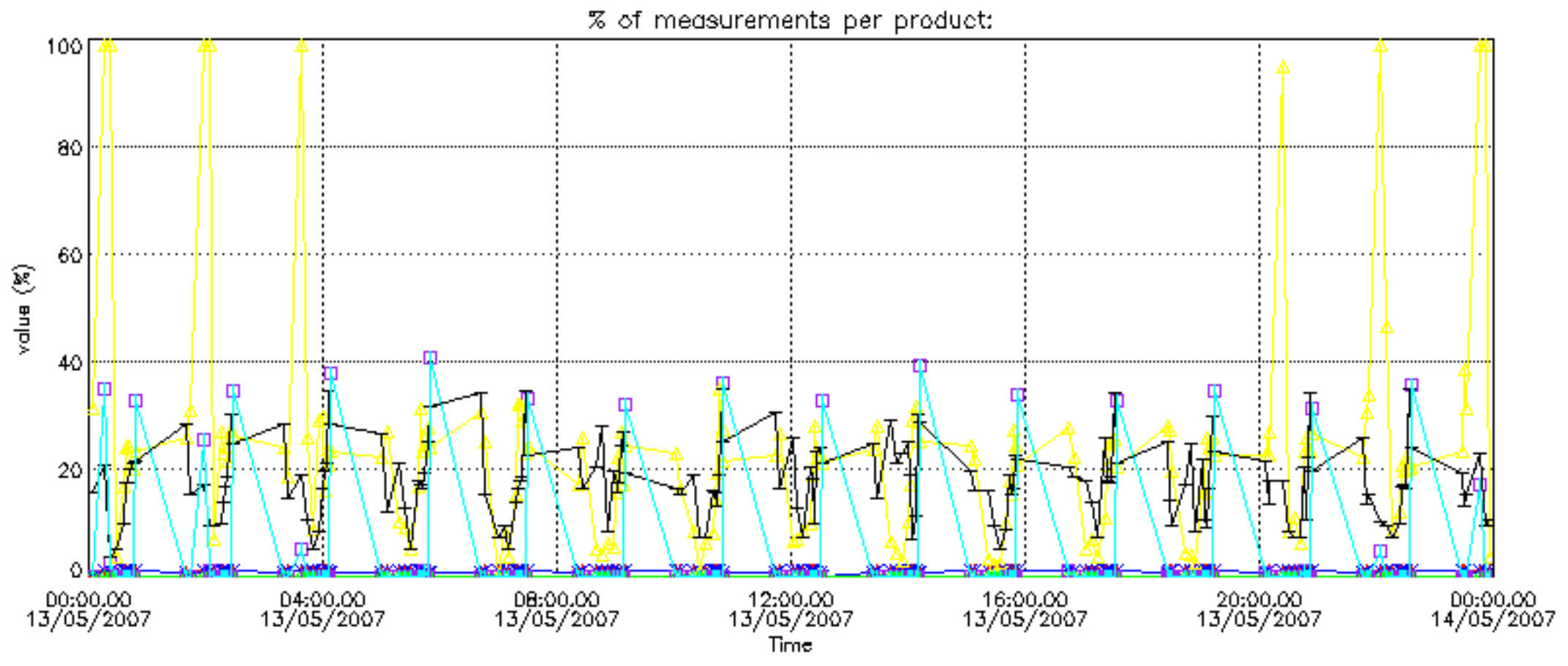


Percentage of flagged data per NO2 profile

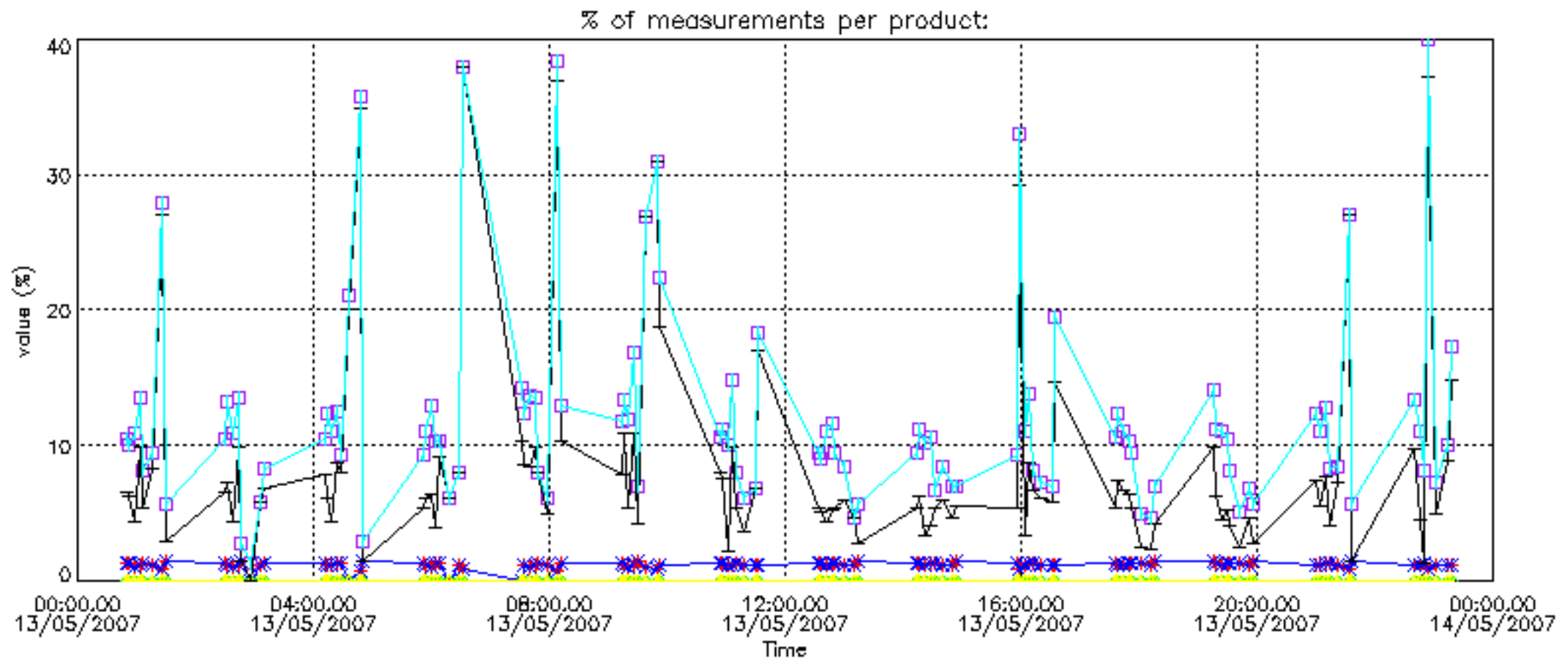


Percentage of flagged data per NO3 profile

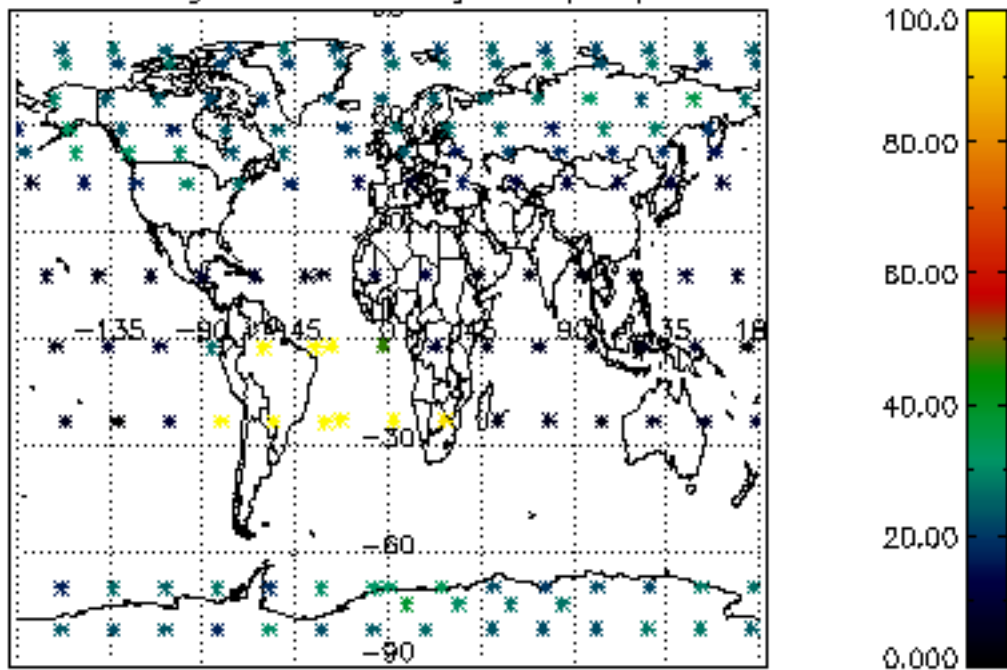




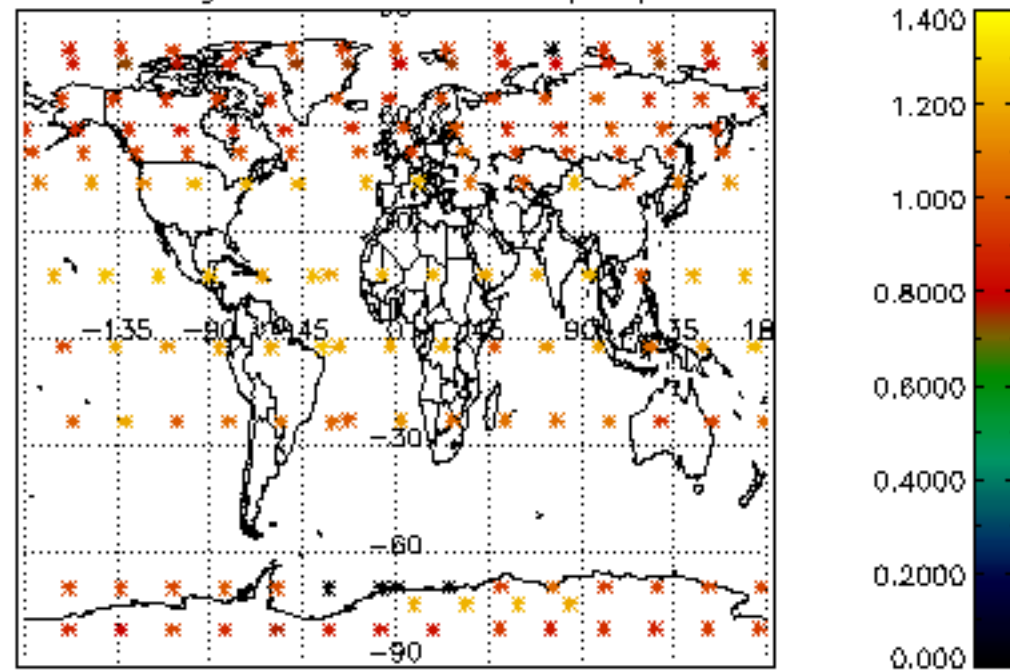




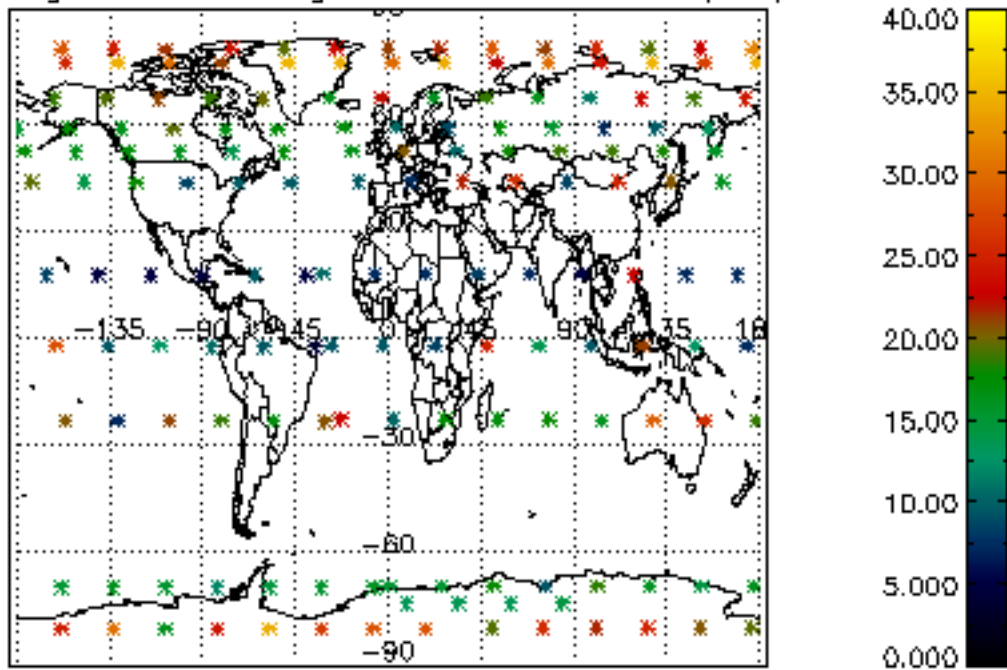
Percentage of cosmic ray hits per profile



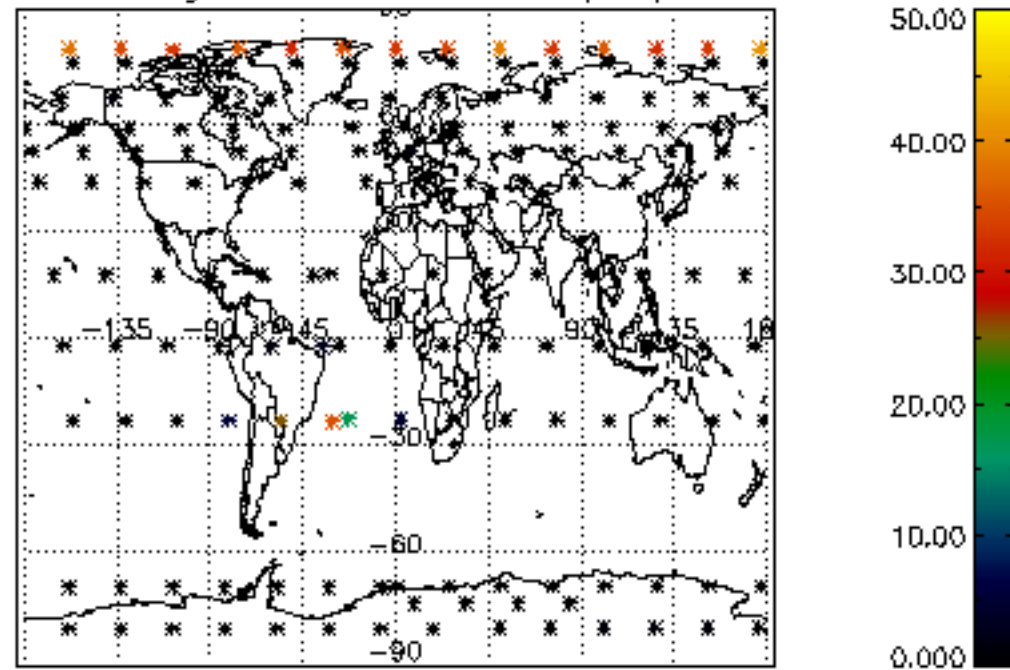
Percentage of datation errors per profile



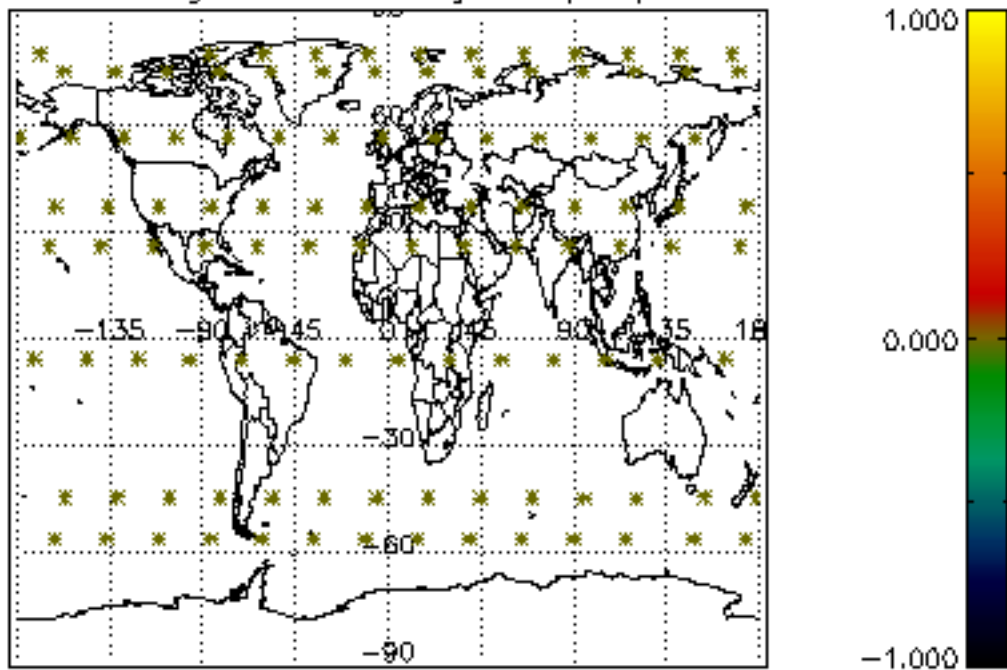
Percentage of star falling outside central band per profile



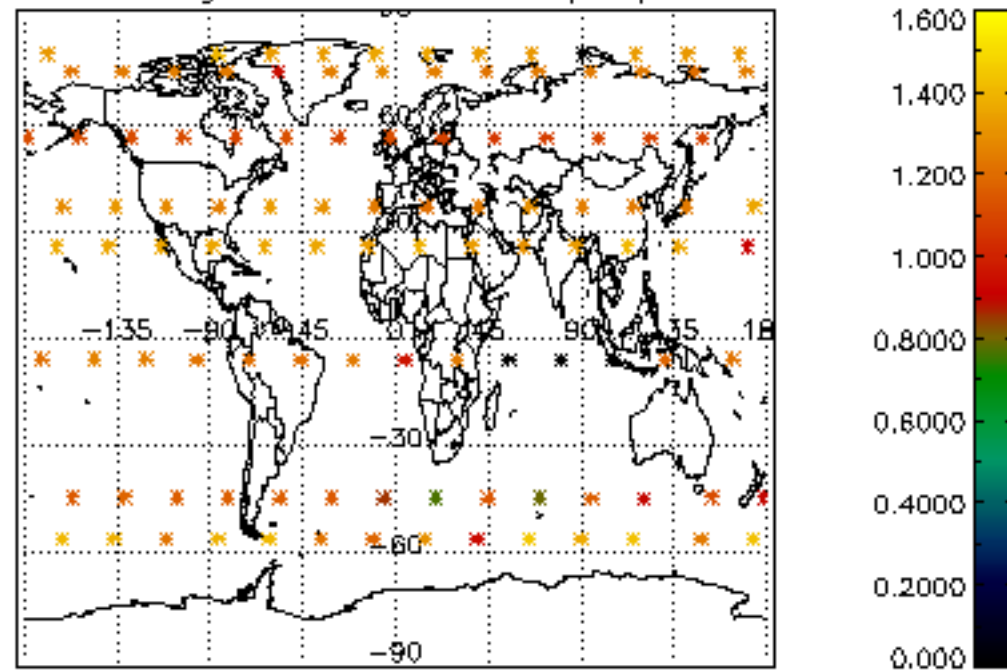
Percentage of saturation errors per profile



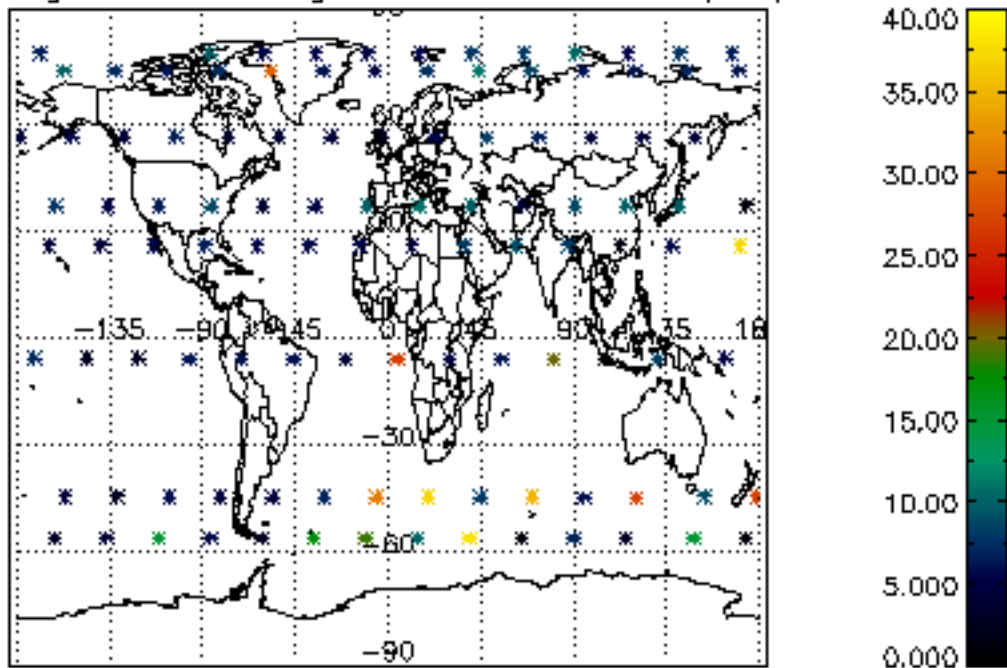
Percentage of cosmic ray hits per profile



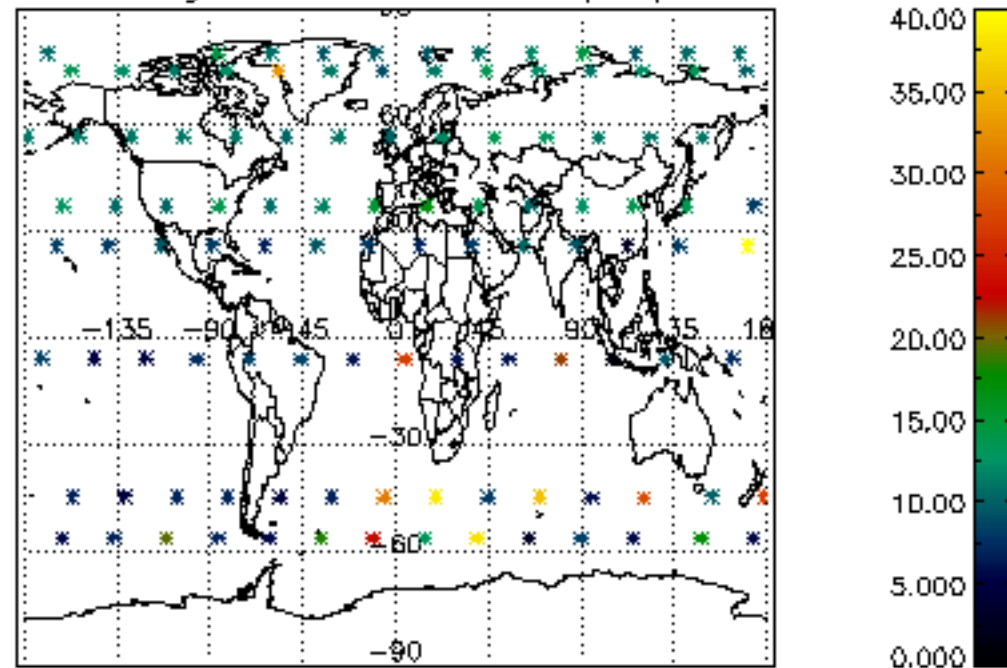
Percentage of datation errors per profile



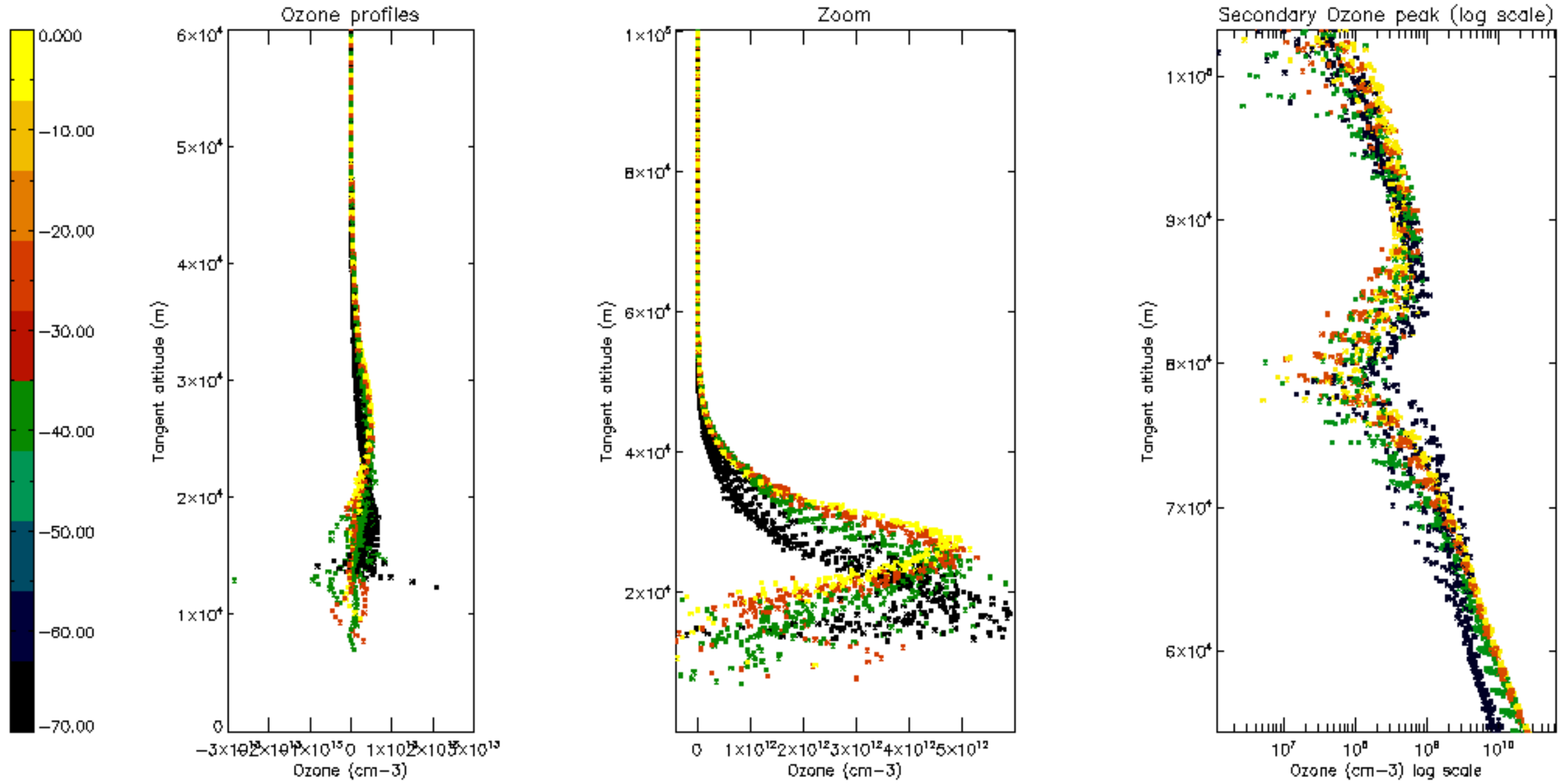
Percentage of star falling outside central band per profile

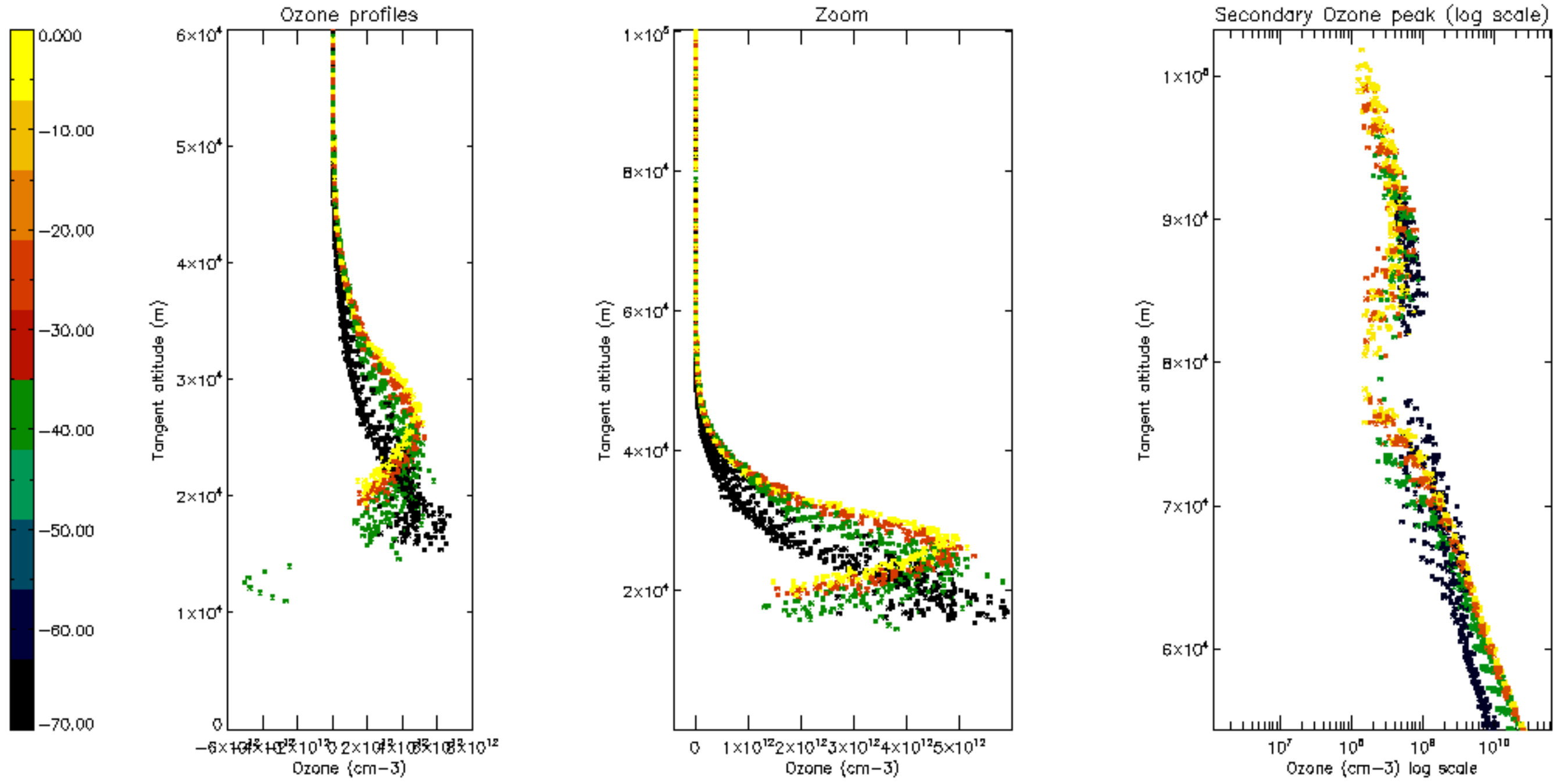


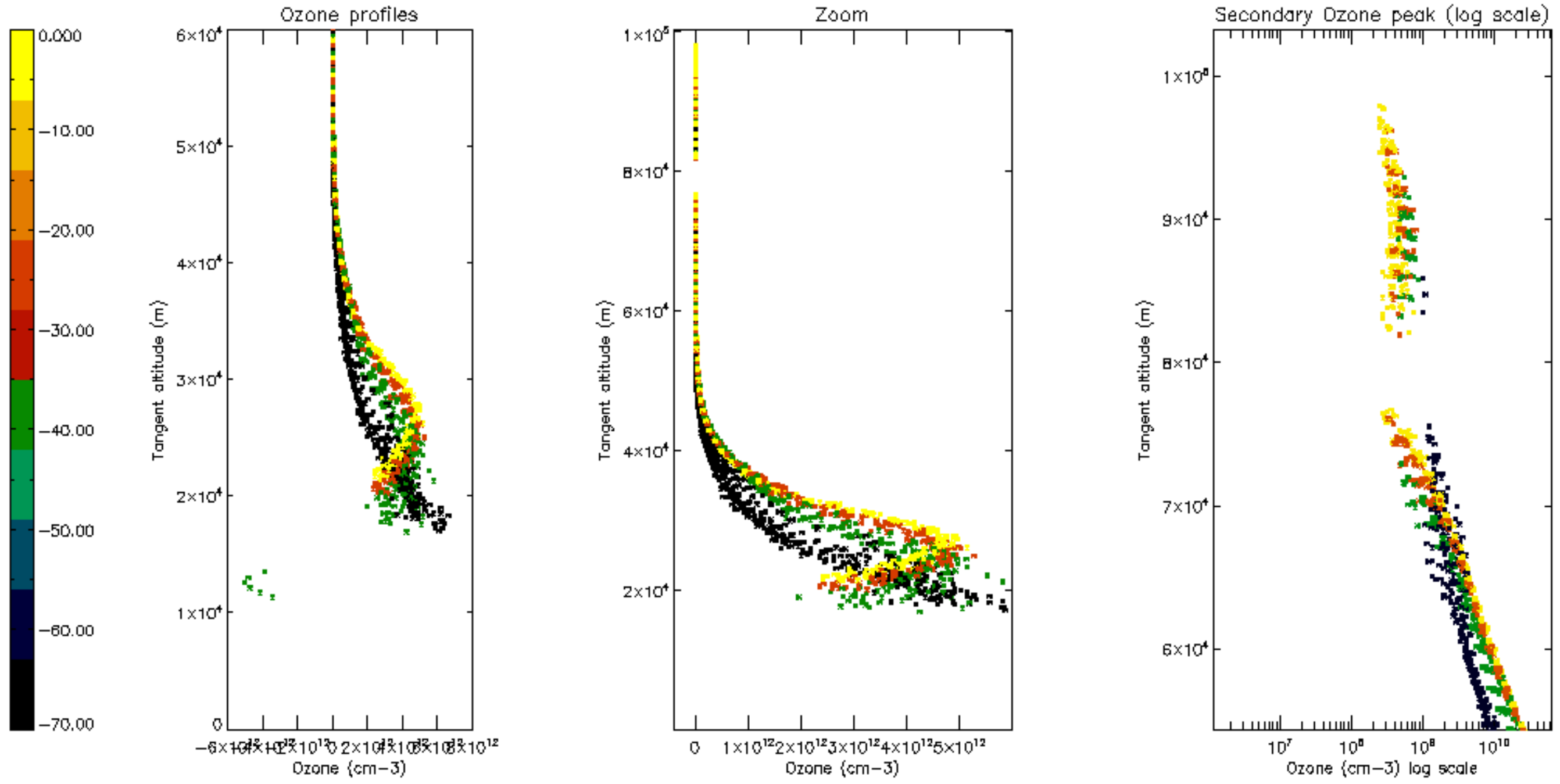
Percentage of saturation errors per profile

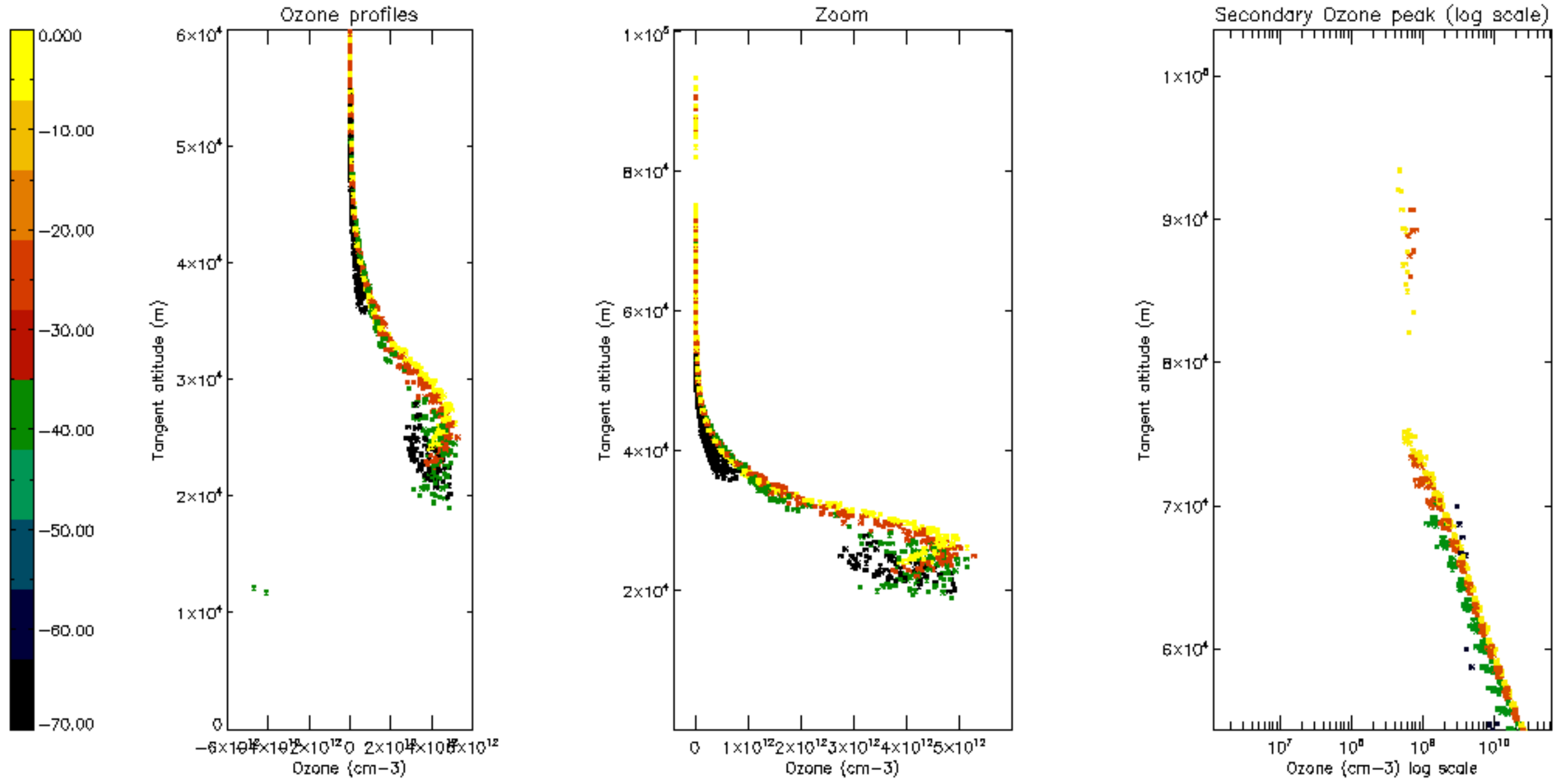




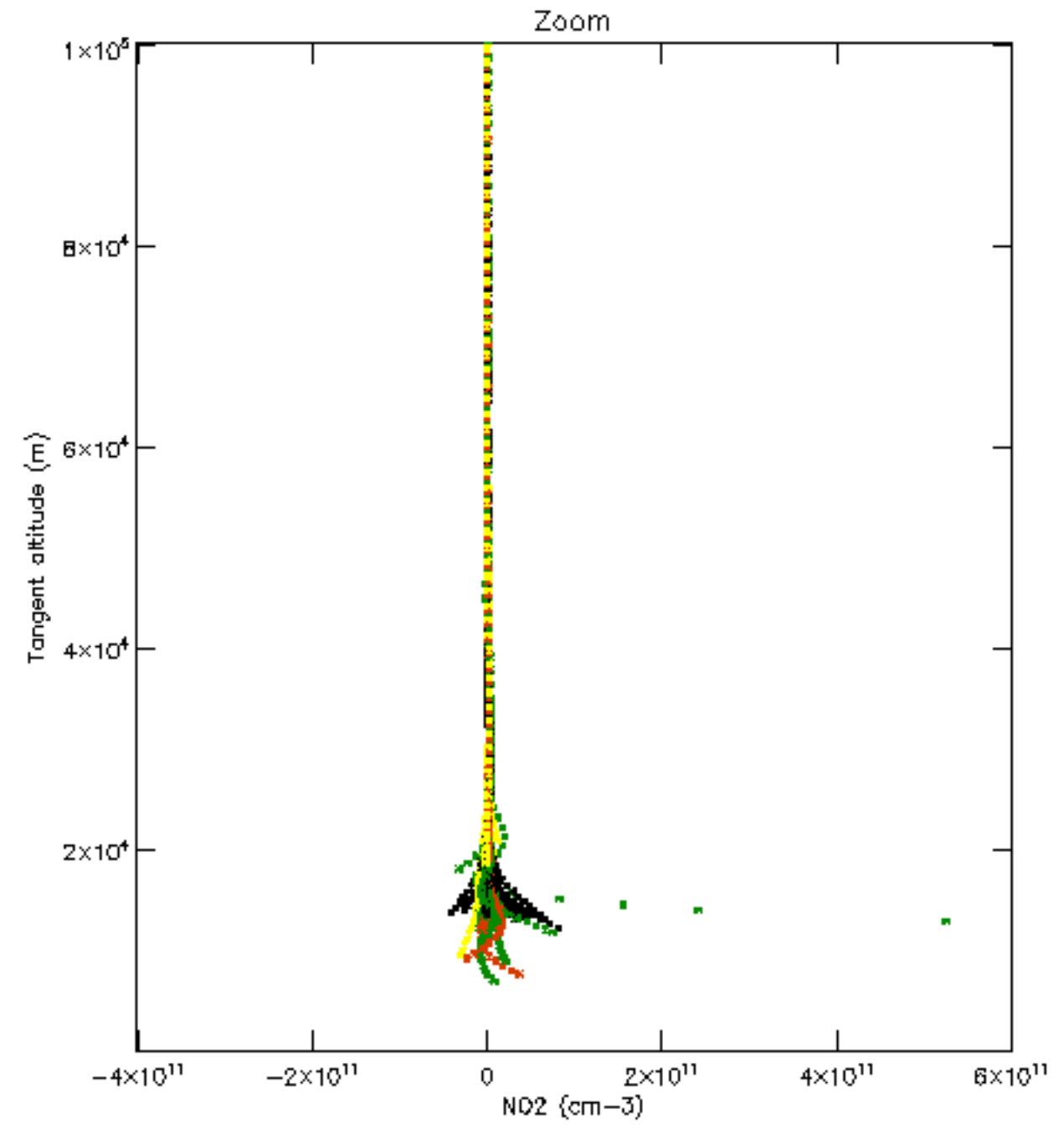
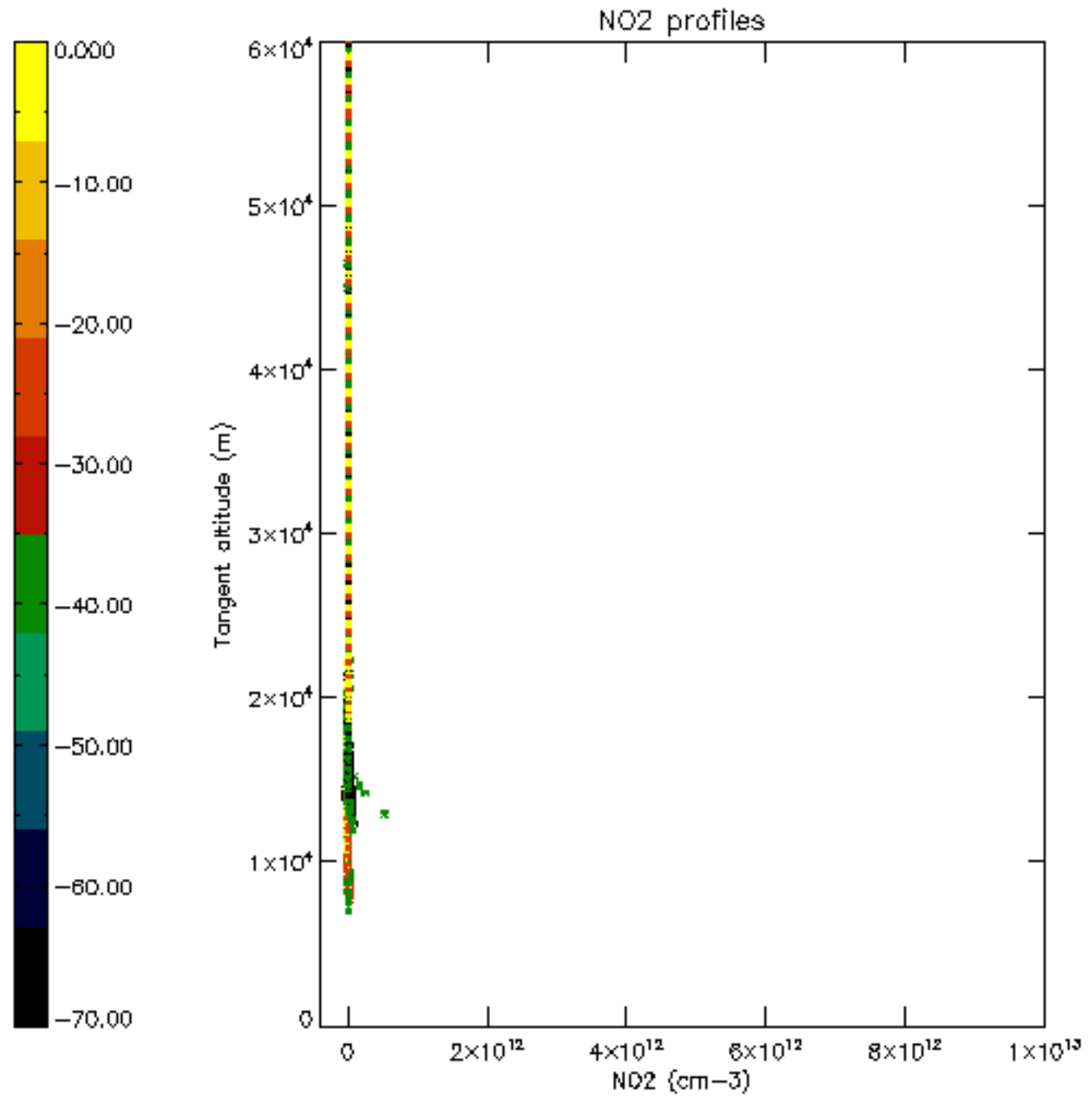


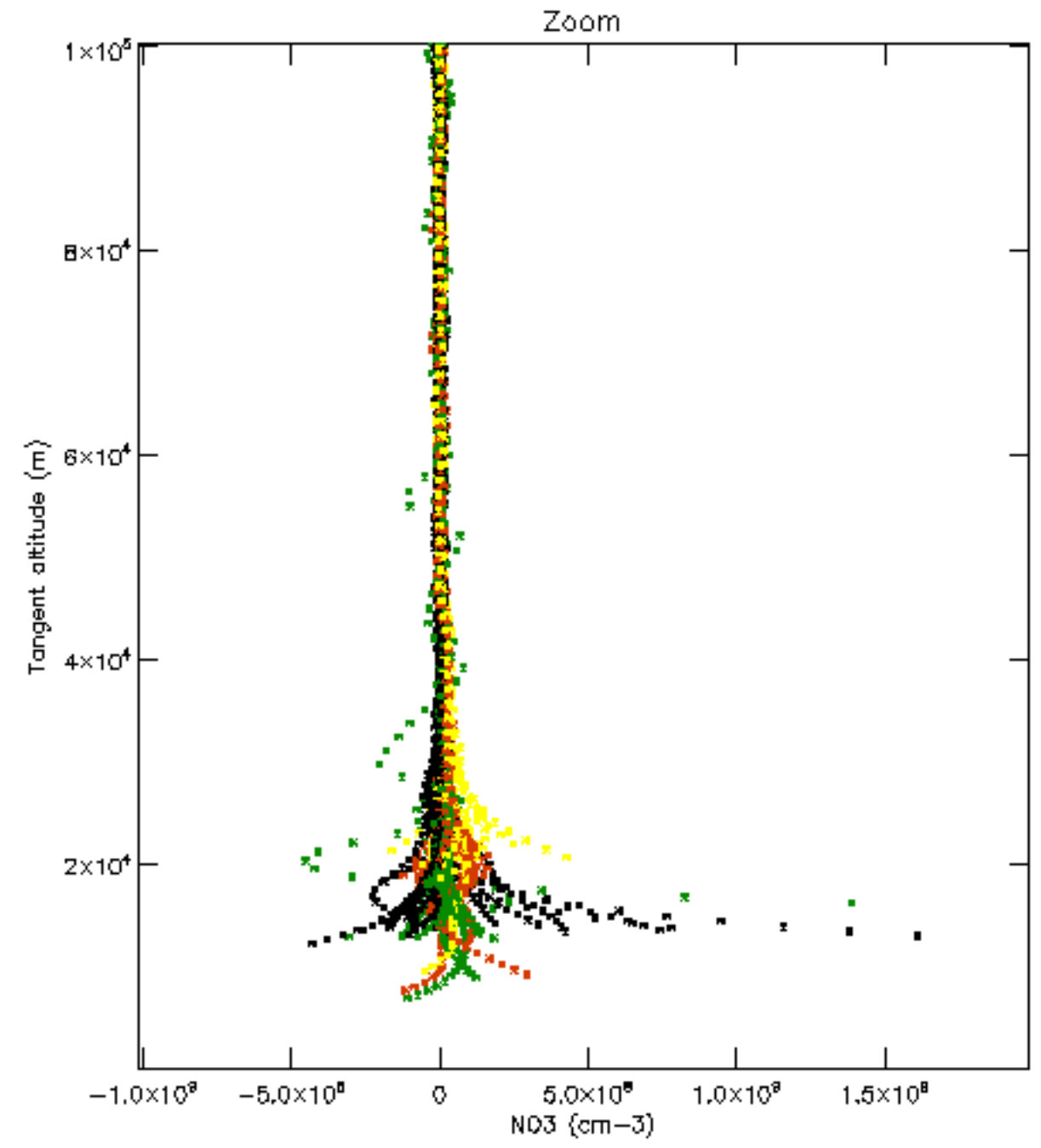
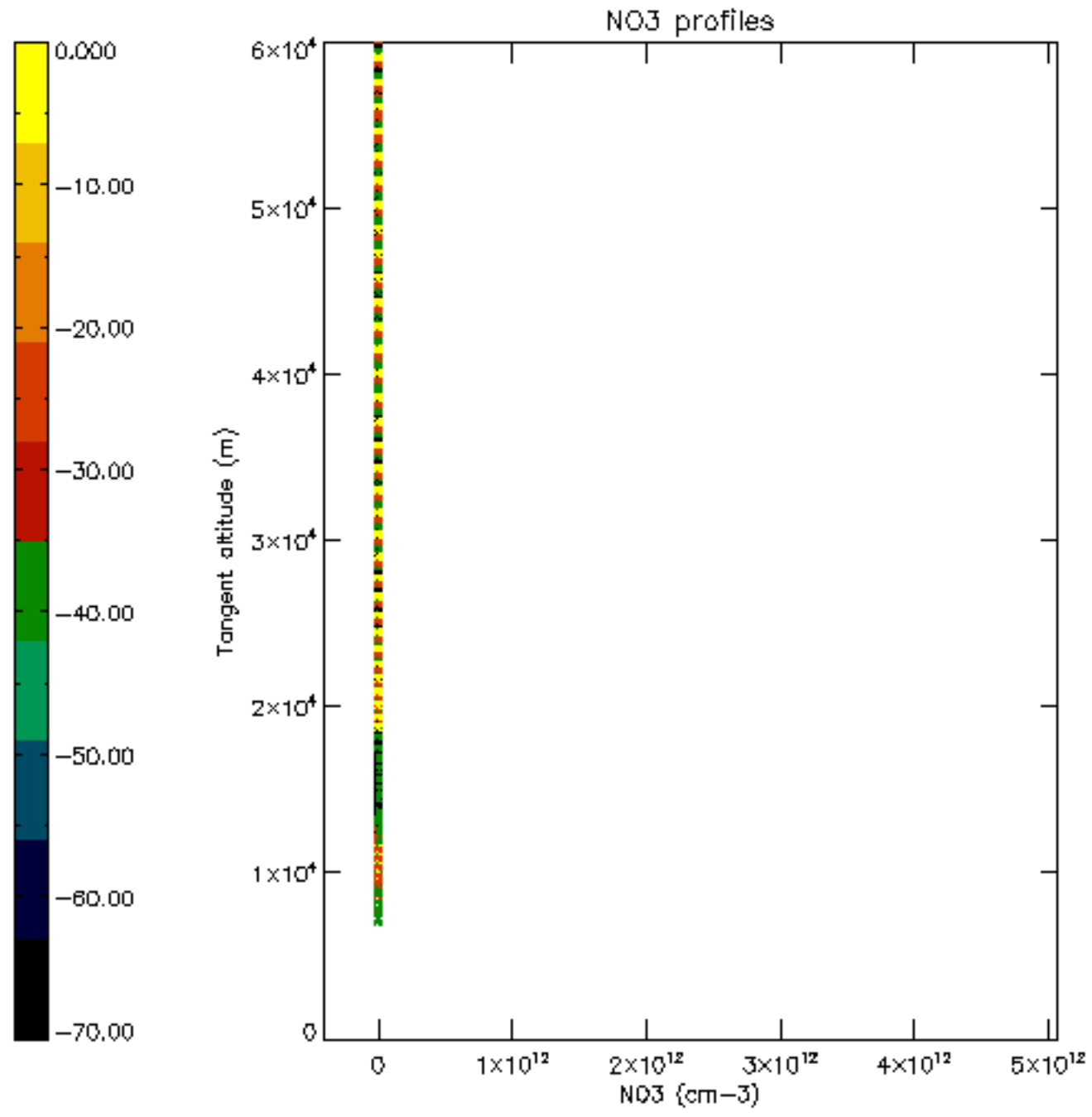


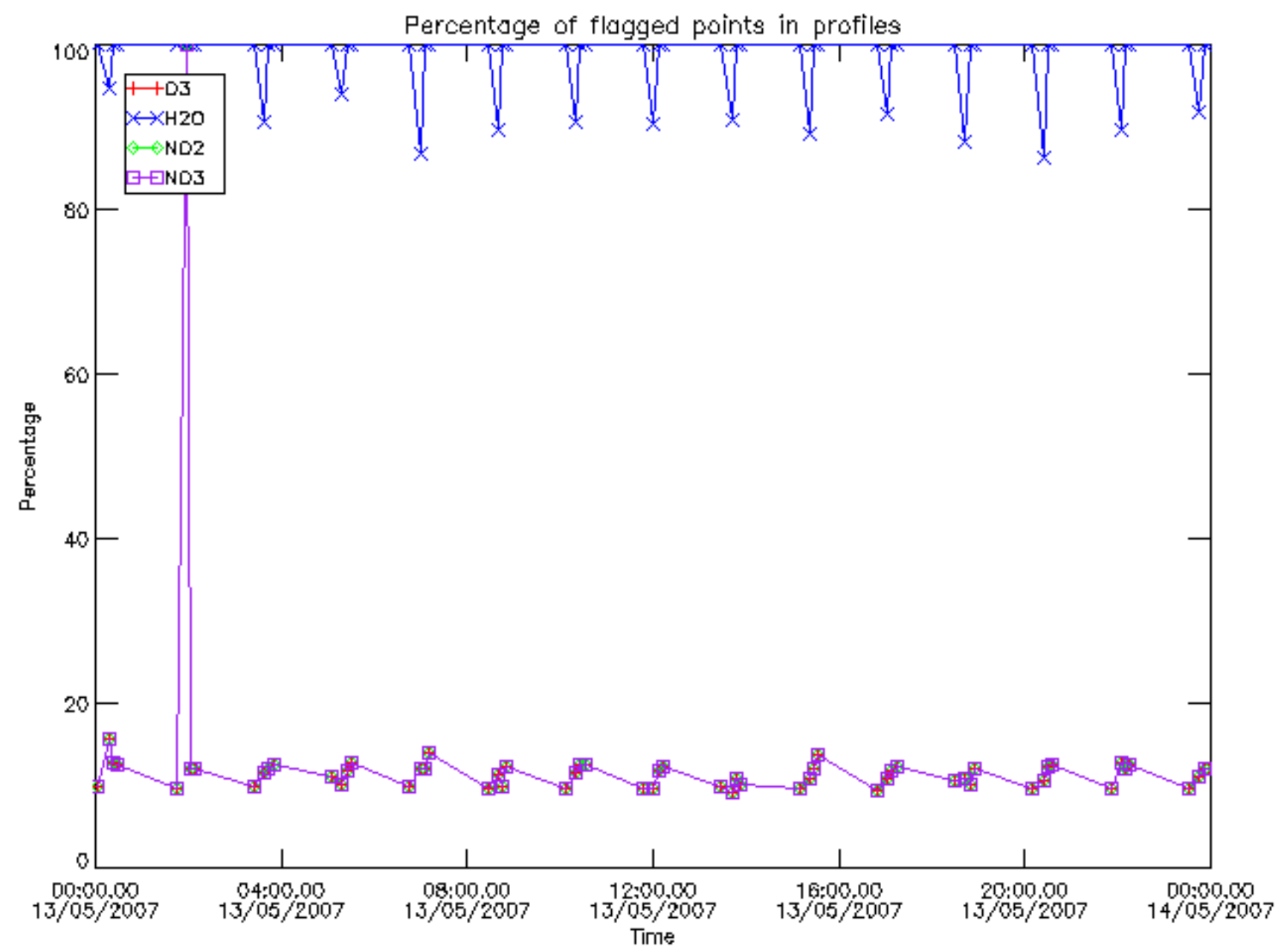






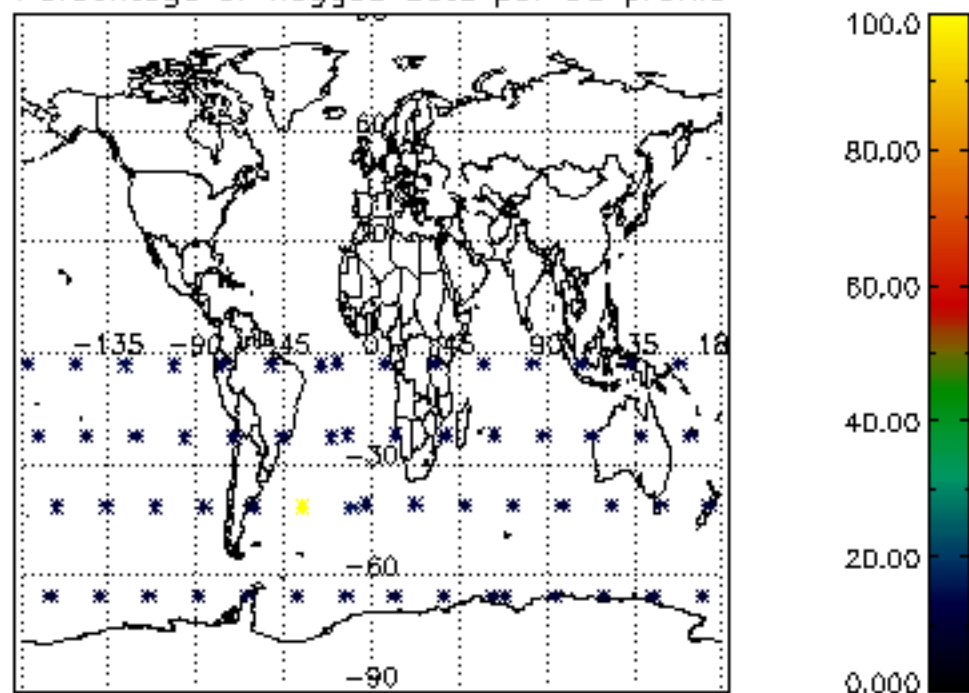




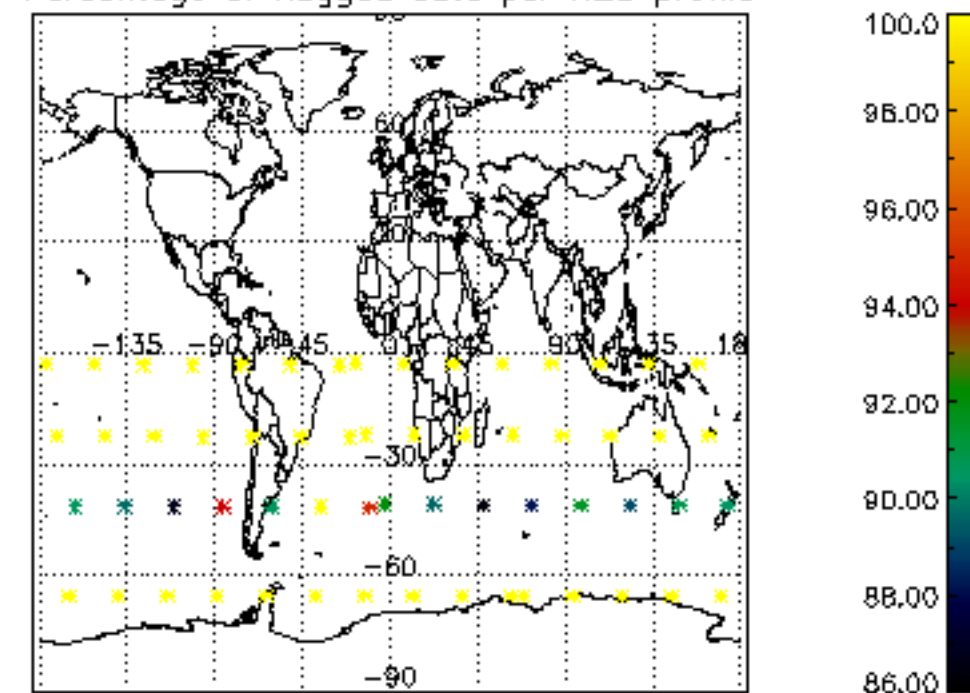




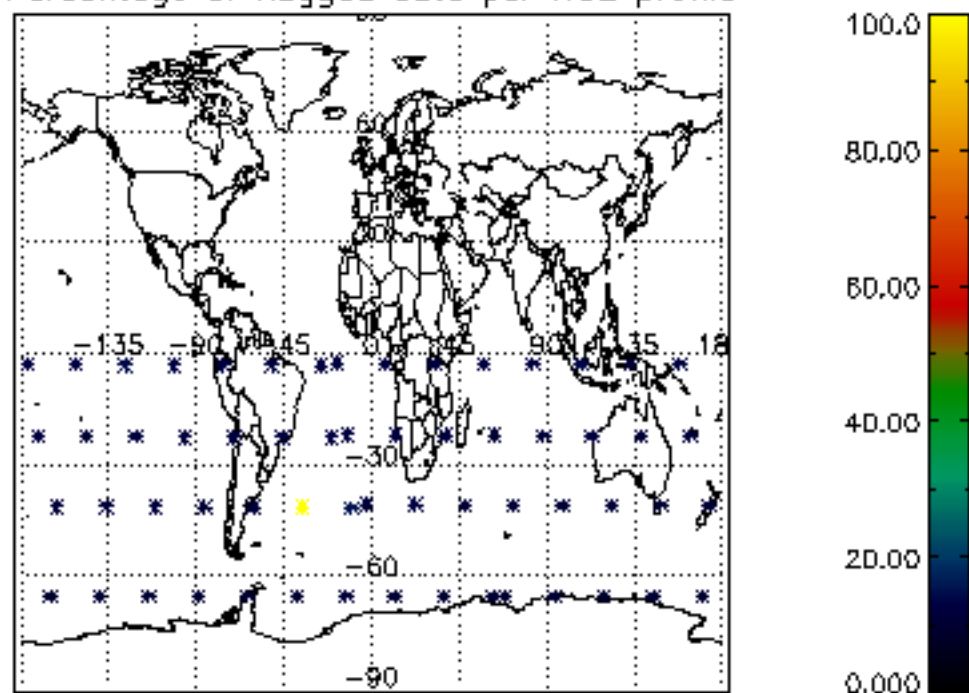
Percentage of flagged data per D3 profile



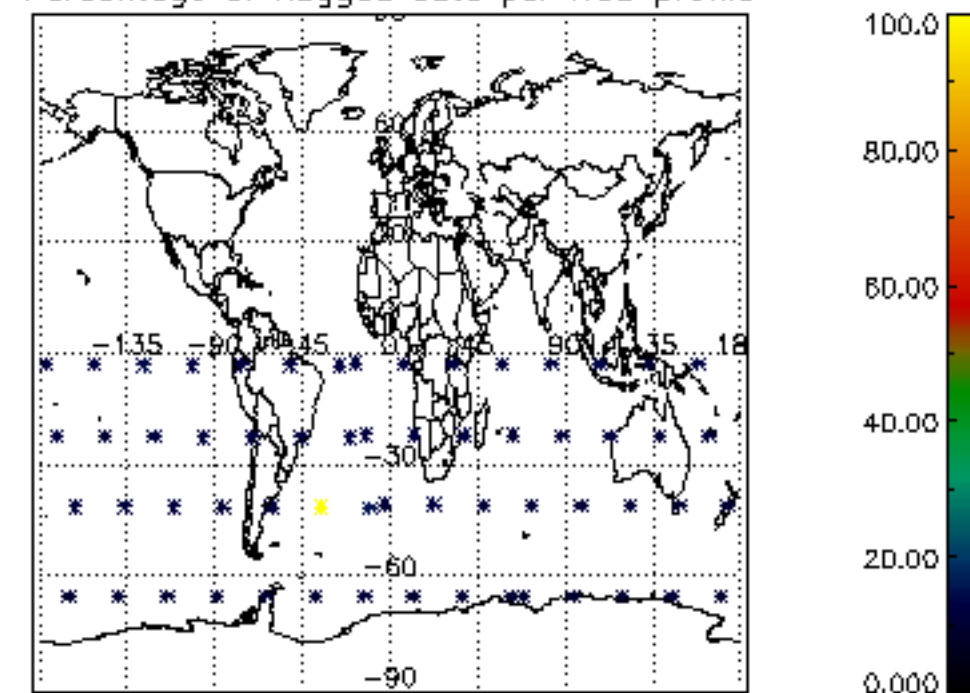
Percentage of flagged data per H2O profile

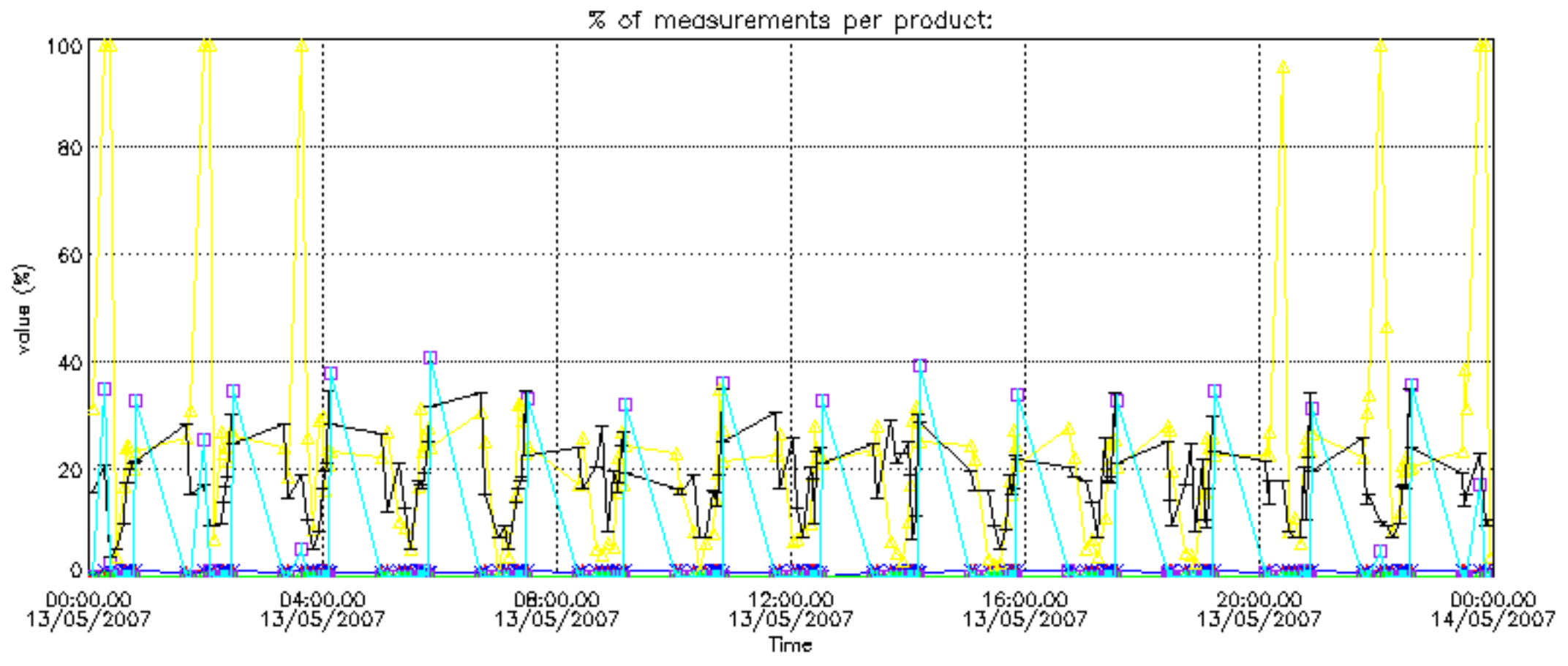


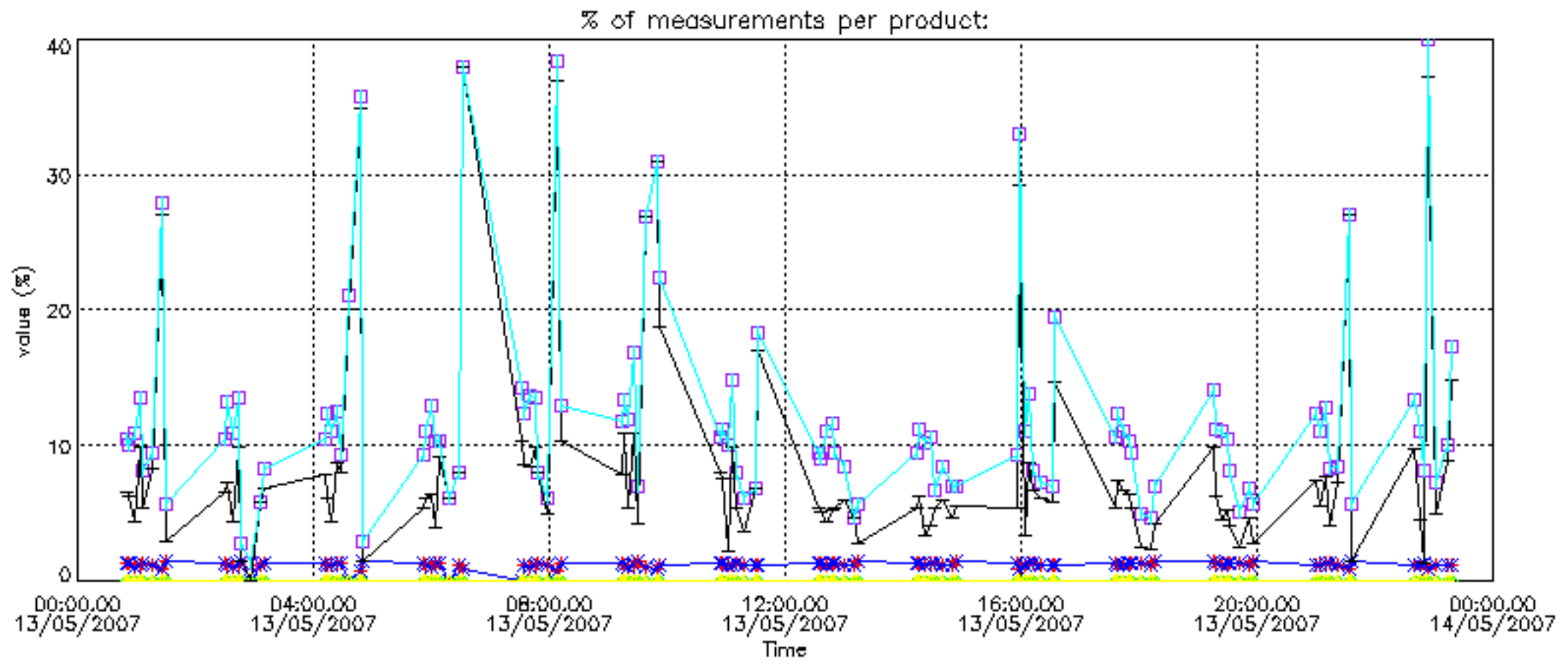
Percentage of flagged data per NO2 profile



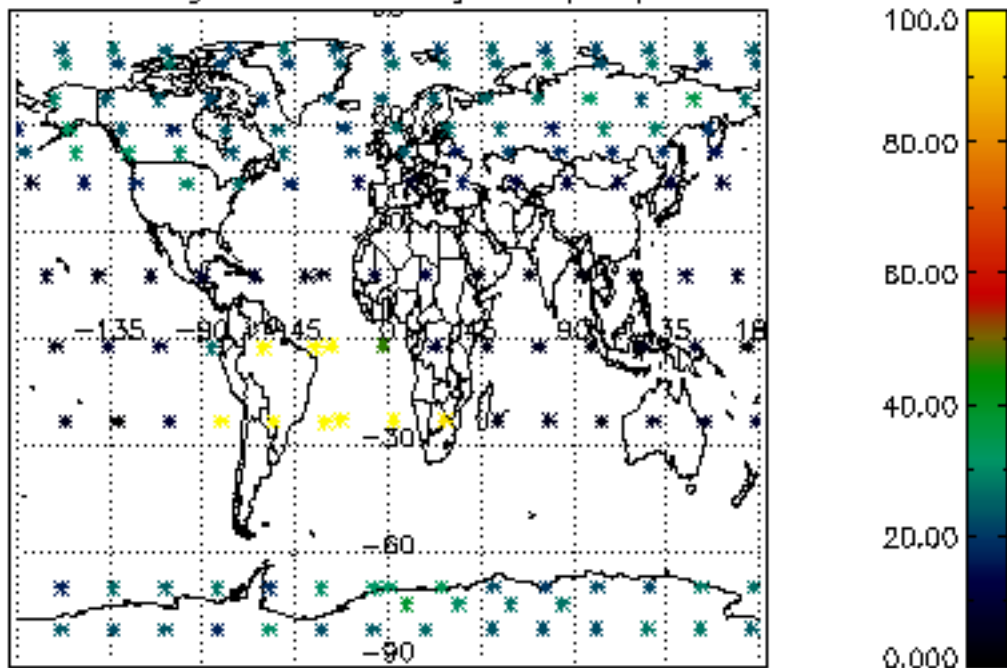
Percentage of flagged data per NO3 profile



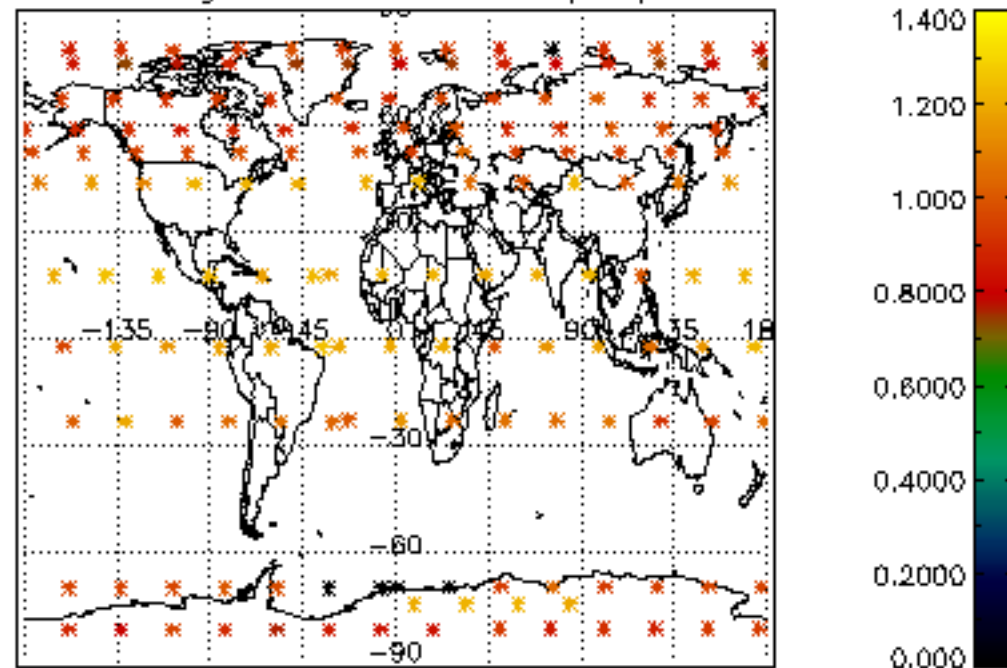




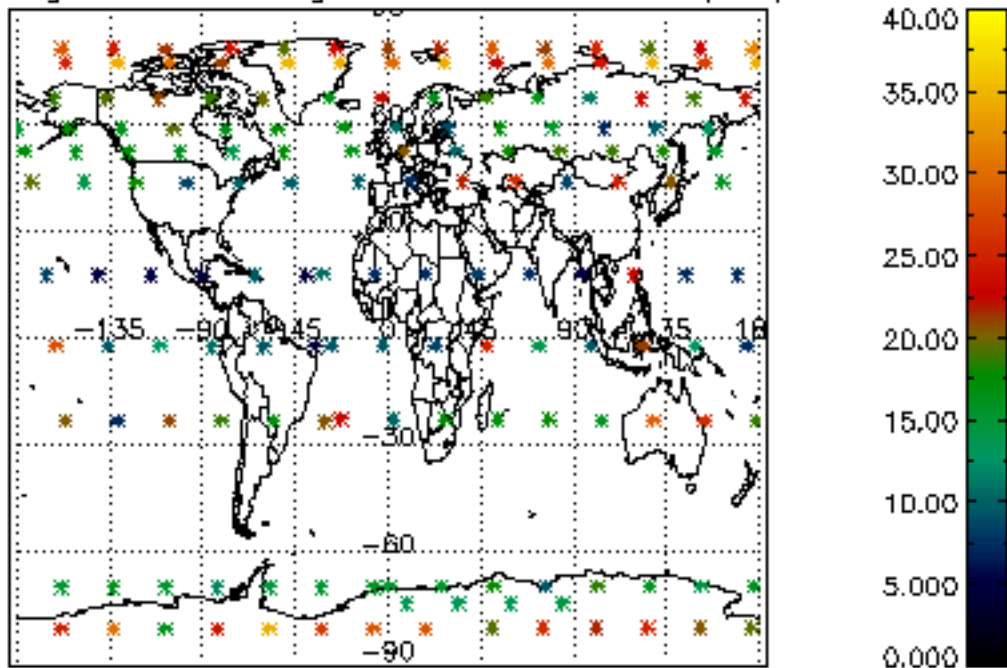
Percentage of cosmic ray hits per profile



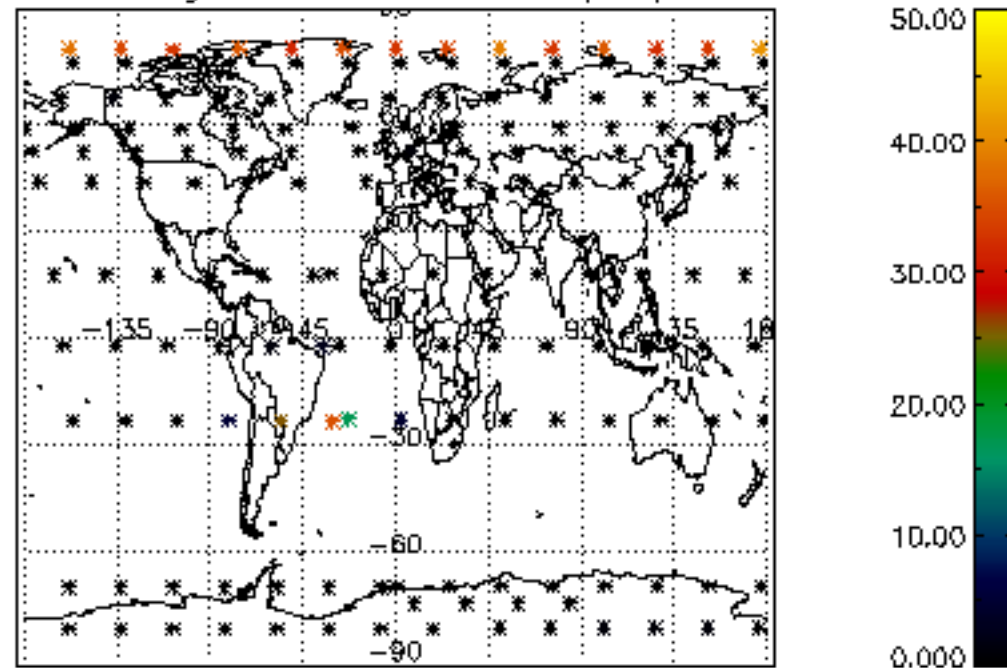
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

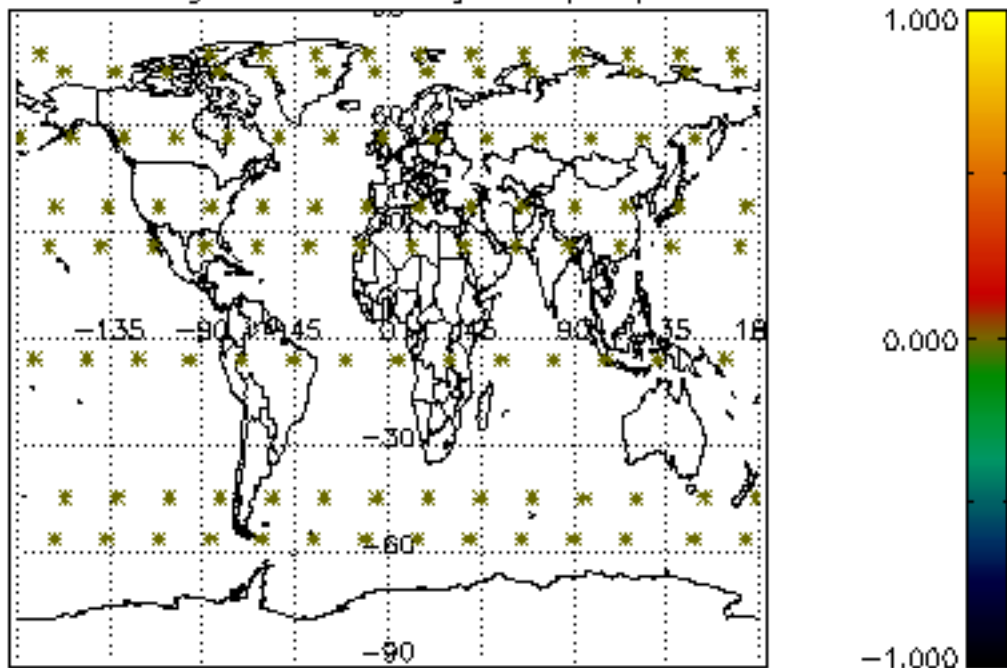


Percentage of saturation errors per profile

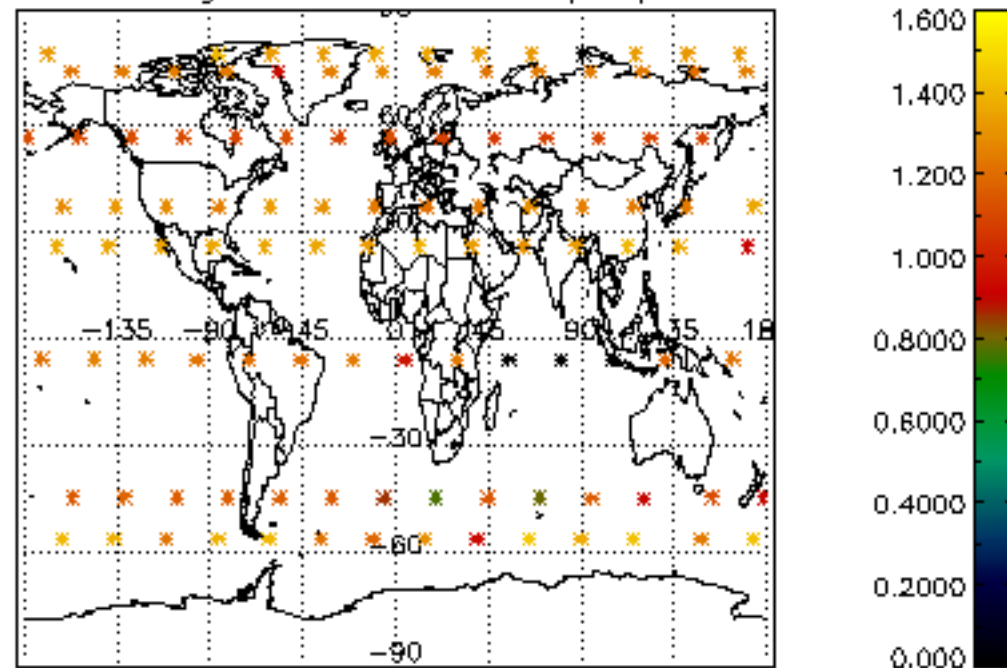




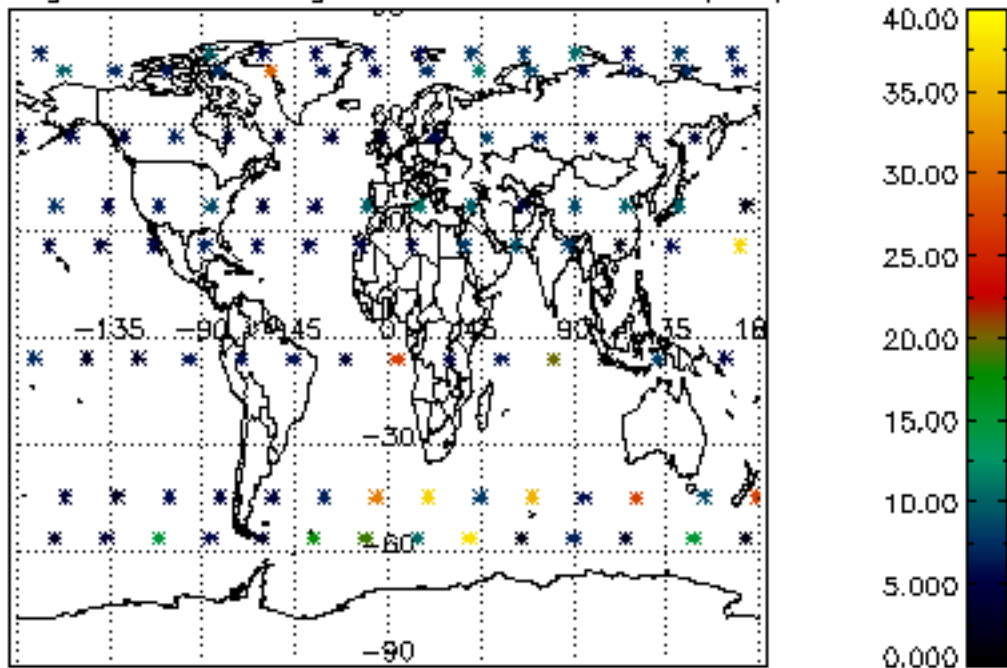
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

