

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	25APR2013 15:55:12
Data source version	GOMOS/6.01
Start time of products	08-06-2008 (08JUN2008 00:00:00)
Stop time of products	09-06-2008 (09JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	300
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__2PRFIN20080608_000007_000000462069_00173_32792_6423.N1	08-JUN-2008 00:00:07	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	32792	No
2	GOM_NL__2PRFIN20080608_000326_000000722069_00174_32793_6437.N1	08-JUN-2008 00:03:26	Dark	71.500	18	24Alp PsA	1.1660	9700.0	143	32793	No
3	GOM_NL__2PRFIN20080608_000556_000000632069_00174_32793_6438.N1	08-JUN-2008 00:05:56	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	32793	No
4	GOM_NL__2PRFIN20080608_000756_000000492069_00174_32793_6439.N1	08-JUN-2008 00:07:56	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32793	No
5	GOM_NL__2PRFIN20080608_001224_000000422069_00174_32793_6440.N1	08-JUN-2008 00:12:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32793	No
6	GOM_NL__2PRFIN20080608_002105_000000452069_00174_32793_6441.N1	08-JUN-2008 00:21:05	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32793	No
7	GOM_NL__2PRFIN20080608_002250_000000462069_00174_32793_6442.N1	08-JUN-2008 00:22:50	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	32793	No
8	GOM_NL__2PRFIN20080608_002411_000000492069_00174_32793_6443.N1	08-JUN-2008 00:24:11	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	32793	No
9	GOM_NL__2PRFIN20080608_002948_000000422069_00174_32793_6444.N1	08-JUN-2008 00:29:48	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	32793	No
10	GOM_NL__2PRFIN20080608_003135_000000372069_00174_32793_6445.N1	08-JUN-2008 00:31:35	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32793	No
11	GOM_NL__2PRFIN20080608_003342_000000372069_00174_32793_6446.N1	08-JUN-2008 00:33:42	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	32793	No
12	GOM_NL__2PRFIN20080608_003708_000000412069_00174_32793_6447.N1	08-JUN-2008 00:37:08	Bright	41.000	126	60Bet Oph	2.7700	4250.0	82	32793	No
13	GOM_NL__2PRFIN20080608_004119_000000382069_00174_32793_6448.N1	08-JUN-2008 00:41:19	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32793	No
14	GOM_NL__2PRFIN20080608_004432_000000402069_00174_32793_6449.N1	08-JUN-2008 00:44:32	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32793	No
15	GOM_NL__2PRFIN20080608_005143_000000382069_00174_32793_6450.N1	08-JUN-2008 00:51:43	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	32793	No
16	GOM_NL__2PRFIN20080608_010230_000000472069_00174_32793_6451.N1	08-JUN-2008 01:02:30	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32793	No
17	GOM_NL__2PRFIN20080608_010823_000000432069_00174_32793_6452.N1	08-JUN-2008 01:08:23	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	32793	No
18	GOM_NL__2PRFIN20080608_011411_000000382069_00174_32793_6453.N1	08-JUN-2008 01:14:11	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32793	No
19	GOM_NL__2PRFIN20080608_011630_000000502069_00174_32793_6454.N1	08-JUN-2008 01:16:30	Bright	50.000	53	43Bet And	2.0480	3300.0	100	32793	No
20	GOM_NL__2PRFIN20080608_011944_000000442069_00174_32793_6455.N1	08-JUN-2008 01:19:44	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	32793	No
21	GOM_NL__2PRFIN20080608_014044_000000452069_00174_32793_6456.N1	08-JUN-2008 01:40:44	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	32793	No
22	GOM_NL__2PRFIN20080608_014404_000000592069_00175_32794_6449.N1	08-JUN-2008 01:44:04	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	32794	No
23	GOM_NL__2PRFIN20080608_014633_000000622069_00175_32794_6450.N1	08-JUN-2008 01:46:33	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	32794	No
24	GOM_NL__2PRFIN20080608_014833_000000472069_00175_32794_6451.N1	08-JUN-2008 01:48:33	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32794	No
25	GOM_NL__2PRFIN20080608_015301_000000412069_00175_32794_6452.N1	08-JUN-2008 01:53:01	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32794	No
26	GOM_NL__2PRFIN20080608_020141_000000432069_00175_32794_6453.N1	08-JUN-2008 02:01:41	Straylight	42.500	40	The Sco	1.8590	7100.0	85	32794	No
27	GOM_NL__2PRFIN20080608_020327_000000442069_00175_32794_6454.N1	08-JUN-2008 02:03:27	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32794	No
28	GOM_NL__2PRFIN20080608_020448_000000502069_00175_32794_6455.N1	08-JUN-2008 02:04:48	Twilight	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32794	No
29	GOM_NL__2PRFIN20080608_021024_000000422069_00175_32794_6456.N1	08-JUN-2008 02:10:24	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	32794	No
30	GOM_NL__2PRFIN20080608_021211_000000562069_00175_32794_6457.N1	08-JUN-2008 02:12:11	Bright	56.000	98	13Zet Oph	2.5710	30000.	112	32794	No
31	GOM_NL__2PRFIN20080608_021418_000000382069_00175_32794_6458.N1	08-JUN-2008 02:14:18	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	32794	No
32	GOM_NL__2PRFIN20080608_021743_000000482069_00175_32794_6459.N1	08-JUN-2008 02:17:43	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32794	No
33	GOM_NL__2PRFIN20080608_022155_000000402069_00175_32794_6460.N1	08-JUN-2008 02:21:55	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	32794	No
34	GOM_NL__2PRFIN20080608_022508_000000392069_00175_32794_6461.N1	08-JUN-2008 02:25:08	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32794	No
35	GOM_NL__2PRFIN20080608_023218_000000502069_00175_32794_6462.N1	08-JUN-2008 02:32:18	Bright	50.000	130	23Bet Dra	2.7990	5800.0	100	32794	No
36	GOM_NL__2PRFIN20080608_024306_000000472069_00175_32794_6463.N1	08-JUN-2008 02:43:06	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32794	No
37	GOM_NL__2PRFIN20080608_024858_000000432069_00175_32794_6464.N1	08-JUN-2008 02:48:58	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	32794	No
38	GOM_NL__2PRFIN20080608_025447_000000392069_00175_32794_6465.N1	08-JUN-2008 02:54:47	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32794	No
39	GOM_NL__2PRFIN20080608_025706_000000492069_00175_32794_6466.N1	08-JUN-2008 02:57:06	Bright	49.000	53	43Bet And	2.0480	3300.0	98	32794	No
40	GOM_NL__2PRFIN20080608_030020_000000452069_00175_32794_6467.N1	08-JUN-2008 03:00:20	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32794	No
41	GOM_NL__2PRFIN20080608_031448_000000482069_00175_32794_6468.N1	08-JUN-2008 03:14:48	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32794	No
42	GOM_NL__2PRFIN20080608_032121_000000412069_00175_32794_6469.N1	08-JUN-2008 03:21:21	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32794	No

43	GOM_NL__2PRFIN20080608_032441_000000592069_00176_32795_6461.N1	08-JUN-2008 03:24:41	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	32795	No
44	GOM_NL__2PRFIN20080608_032710_000000502069_00176_32795_6462.N1	08-JUN-2008 03:27:10	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	32795	No
45	GOM_NL__2PRFIN20080608_032910_000000472069_00176_32795_6463.N1	08-JUN-2008 03:29:10	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32795	No
46	GOM_NL__2PRFIN20080608_033338_000000412069_00176_32795_6464.N1	08-JUN-2008 03:33:38	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32795	No
47	GOM_NL__2PRFIN20080608_034218_000000442069_00176_32795_6465.N1	08-JUN-2008 03:42:18	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32795	No
48	GOM_NL__2PRFIN20080608_034403_000000452069_00176_32795_6466.N1	08-JUN-2008 03:44:03	Tw_i_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32795	No
49	GOM_NL__2PRFIN20080608_034524_000000512069_00176_32795_6467.N1	08-JUN-2008 03:45:24	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	32795	No
50	GOM_NL__2PRFIN20080608_035100_000000412069_00176_32795_6468.N1	08-JUN-2008 03:51:00	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32795	No
51	GOM_NL__2PRFIN20080608_035247_000000562069_00176_32795_6469.N1	08-JUN-2008 03:52:47	Bright	56.000	98	13Zet Oph	2.5710	30000.	112	32795	No
52	GOM_NL__2PRFIN20080608_035454_000000382069_00176_32795_6470.N1	08-JUN-2008 03:54:54	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	32795	No
53	GOM_NL__2PRFIN20080608_035819_000000482069_00176_32795_6471.N1	08-JUN-2008 03:58:19	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32795	No
54	GOM_NL__2PRFIN20080608_040230_000000572069_00176_32795_6472.N1	08-JUN-2008 04:02:30	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	32795	No
55	GOM_NL__2PRFIN20080608_040543_000000412069_00176_32795_6473.N1	08-JUN-2008 04:05:43	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	32795	No
56	GOM_NL__2PRFIN20080608_041254_000000402069_00176_32795_6474.N1	08-JUN-2008 04:12:54	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32795	No
57	GOM_NL__2PRFIN20080608_042341_000000462069_00176_32795_6475.N1	08-JUN-2008 04:23:41	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32795	No
58	GOM_NL__2PRFIN20080608_042934_000000422069_00176_32795_6476.N1	08-JUN-2008 04:29:34	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	32795	No
59	GOM_NL__2PRFIN20080608_043523_000000352069_00176_32795_6477.N1	08-JUN-2008 04:35:23	Bright	35.000	73	57Gam1And	2.2600	13100.	70	32795	No
60	GOM_NL__2PRFIN20080608_043742_000000502069_00176_32795_6478.N1	08-JUN-2008 04:37:42	Bright	50.000	53	43Bet And	2.0480	3300.0	100	32795	No
61	GOM_NL__2PRFIN20080608_044056_000000462069_00176_32795_6479.N1	08-JUN-2008 04:40:56	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	32795	No
62	GOM_NL__2PRFIN20080608_045525_000000482069_00176_32795_6480.N1	08-JUN-2008 04:55:25	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32795	No
63	GOM_NL__2PRFIN20080608_050157_000000452069_00176_32795_6481.N1	08-JUN-2008 05:01:57	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32795	No
64	GOM_NL__2PRFIN20080608_050519_000000592069_00177_32796_6475.N1	08-JUN-2008 05:05:19	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	32796	No
65	GOM_NL__2PRFIN20080608_050747_000000492069_00177_32796_6476.N1	08-JUN-2008 05:07:47	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32796	No
66	GOM_NL__2PRFIN20080608_050946_000000492069_00177_32796_6477.N1	08-JUN-2008 05:09:46	Dark	49.000	31	Alp Gru	1.7340	15200.	98	32796	No
67	GOM_NL__2PRFIN20080608_051414_000000422069_00177_32796_6478.N1	08-JUN-2008 05:14:14	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32796	No
68	GOM_NL__2PRFIN20080608_052254_000000412069_00177_32796_6479.N1	08-JUN-2008 05:22:54	Straylight	40.500	40	The Sco	1.8590	7100.0	81	32796	No
69	GOM_NL__2PRFIN20080608_052439_000000432069_00177_32796_6480.N1	08-JUN-2008 05:24:39	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	32796	No
70	GOM_NL__2PRFIN20080608_052600_000000482069_00177_32796_6481.N1	08-JUN-2008 05:26:00	Tw_i_and_stray	47.500	167	10Gam2Sgr	2.9840	4500.0	95	32796	No
71	GOM_NL__2PRFIN20080608_053136_000000402069_00177_32796_6482.N1	08-JUN-2008 05:31:36	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	32796	No
72	GOM_NL__2PRFIN20080608_053323_000000552069_00177_32796_6483.N1	08-JUN-2008 05:33:23	Bright	55.000	98	13Zet Oph	2.5710	30000.	110	32796	No
73	GOM_NL__2PRFIN20080608_053530_000000372069_00177_32796_6484.N1	08-JUN-2008 05:35:30	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	32796	No
74	GOM_NL__2PRFIN20080608_053855_000000522069_00177_32796_6485.N1	08-JUN-2008 05:38:55	Bright	52.000	126	60Bet Oph	2.7700	4250.0	104	32796	No
75	GOM_NL__2PRFIN20080608_054306_000000572069_00177_32796_6486.N1	08-JUN-2008 05:43:06	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	32796	No
76	GOM_NL__2PRFIN20080608_054619_000000582069_00177_32796_6487.N1	08-JUN-2008 05:46:19	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	32796	No
77	GOM_NL__2PRFIN20080608_055329_000000422069_00177_32796_6488.N1	08-JUN-2008 05:53:29	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32796	No
78	GOM_NL__2PRFIN20080608_060416_000000522069_00177_32796_6489.N1	08-JUN-2008 06:04:16	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	32796	No
79	GOM_NL__2PRFIN20080608_061010_000000512069_00177_32796_6490.N1	08-JUN-2008 06:10:10	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	32796	No
80	GOM_NL__2PRFIN20080608_061559_000000542069_00177_32796_6491.N1	08-JUN-2008 06:15:59	Bright	54.000	73	57Gam1And	2.2600	13100.	108	32796	No
81	GOM_NL__2PRFIN20080608_061818_000000492069_00177_32796_6492.N1	08-JUN-2008 06:18:18	Bright	49.000	53	43Bet And	2.0480	3300.0	98	32796	No
82	GOM_NL__2PRFIN20080608_062132_000000442069_00177_32796_6493.N1	08-JUN-2008 06:21:32	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	32796	No
83	GOM_NL__2PRFIN20080608_063602_000000492069_00177_32796_6494.N1	08-JUN-2008 06:36:02	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	32796	No
84	GOM_NL__2PRFIN20080608_064234_000000472069_00177_32796_6495.N1	08-JUN-2008 06:42:34	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	32796	No
85	GOM_NL__2PRFIN20080608_064556_000000722069_00178_32797_6491.N1	08-JUN-2008 06:45:56	Dark	71.500	18	24Alp PsA	1.1660	9700.0	143	32797	No
86	GOM_NL__2PRFIN20080608_064824_000000472069_00178_32797_6492.N1	08-JUN-2008 06:48:24	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32797	No
87	GOM_NL__2PRFIN20080608_065023_000000472069_00178_32797_6493.N1	08-JUN-2008 06:50:23	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32797	No
88	GOM_NL__2PRFIN20080608_065451_000000402069_00178_32797_6494.N1	08-JUN-2008 06:54:51	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	32797	No
89	GOM_NL__2PRFIN20080608_070330_000000422069_00178_32797_6495.N1	08-JUN-2008 07:03:30	Straylight	42.000	40	The Sco	1.8590	7100.0	84	32797	No
90	GOM_NL__2PRFIN20080608_070516_000000462069_00178_32797_6496.N1	08-JUN-2008 07:05:16	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	32797	No
91	GOM_NL__2PRFIN20080608_070637_000000502069_00178_32797_6497.N1	08-JUN-2008 07:06:37	Tw_i_and_stray	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32797	No
92	GOM_NL__2PRFIN20080608_071212_000000432069_00178_32797_6498.N1	08-JUN-2008 07:12:12	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	32797	No
93	GOM_NL__2PRFIN20080608_071359_000000362069_00178_32797_6499.N1	08-JUN-2008 07:13:59	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32797	No
94	GOM_NL__2PRFIN20080608_071606_000000372069_00178_32797_6500.N1	08-JUN-2008 07:16:06	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32797	No
95	GOM_NL__2PRFIN20080608_071930_000000492069_00178_32797_6501.N1	08-JUN-2008 07:19:30	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	32797	No
96	GOM_NL__2PRFIN20080608_072342_000000382069_00178_32797_6502.N1	08-JUN-2008 07:23:42	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32797	No
97	GOM_NL__2PRFIN20080608_072655_000000402069_00178_32797_6503.N1	08-JUN-2008 07:26:55	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	32797	No
98	GOM_NL__2PRFIN20080608_073405_000000412069_00178_32797_6504.N1	08-JUN-2008 07:34:05	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	32797	No
99	GOM_NL__2PRFIN20080608_074452_000000572069_00178_32797_6505.N1	08-JUN-2008 07:44:52	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	32797	No
100	GOM_NL__2PRFIN20080608_075046_000000382069_00178_32797_6506.N1	08-JUN-2008 07:50:46	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32797	No
101	GOM_NL__2PRFIN20080608_075635_000000412069_00178_32797_6507.N1	08-JUN-2008 07:56:35	Bright	41.000	73	57Gam1And	2.2600	13100.	82	32797	No

102	GOM_NL__2PRFIN20080608_075854_000000552069_00178_32797_6508.N1	08-JUN-2008 07:58:54	Bright	54.500	53	43Bet And	2.0480	3300.0	109	32797	No
103	GOM_NL__2PRFIN20080608_080209_000000442069_00178_32797_6509.N1	08-JUN-2008 08:02:09	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	32797	No
104	GOM_NL__2PRFIN20080608_081639_000000512069_00178_32797_6510.N1	08-JUN-2008 08:16:39	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32797	No
105	GOM_NL__2PRFIN20080608_082311_000000452069_00178_32797_6511.N1	08-JUN-2008 08:23:11	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32797	No
106	GOM_NL__2PRFIN20080608_082634_000000632069_00179_32798_6510.N1	08-JUN-2008 08:26:34	Dark	63.000	18	24Alp PsA	1.1660	9700.0	126	32798	No
107	GOM_NL__2PRFIN20080608_082901_000000592069_00179_32798_6511.N1	08-JUN-2008 08:29:01	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32798	No
108	GOM_NL__2PRFIN20080608_083100_000000472069_00179_32798_6512.N1	08-JUN-2008 08:31:00	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32798	No
109	GOM_NL__2PRFIN20080608_083527_000000442069_00179_32798_6513.N1	08-JUN-2008 08:35:27	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	32798	No
110	GOM_NL__2PRFIN20080608_084407_000000432069_00179_32798_6514.N1	08-JUN-2008 08:44:07	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32798	No
111	GOM_NL__2PRFIN20080608_084552_000000432069_00179_32798_6515.N1	08-JUN-2008 08:45:52	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32798	No
112	GOM_NL__2PRFIN20080608_084713_000000492069_00179_32798_6516.N1	08-JUN-2008 08:47:13	Tw_i_and_stray	49.000	167	10Gam2Sgr	2.9840	4500.0	98	32798	No
113	GOM_NL__2PRFIN20080608_085248_000000422069_00179_32798_6517.N1	08-JUN-2008 08:52:48	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32798	No
114	GOM_NL__2PRFIN20080608_085435_000000382069_00179_32798_6518.N1	08-JUN-2008 08:54:35	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32798	No
115	GOM_NL__2PRFIN20080608_085642_000000372069_00179_32798_6519.N1	08-JUN-2008 08:56:42	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32798	No
116	GOM_NL__2PRFIN20080608_090006_000000492069_00179_32798_6520.N1	08-JUN-2008 09:00:06	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	32798	No
117	GOM_NL__2PRFIN20080608_090418_000000382069_00179_32798_6521.N1	08-JUN-2008 09:04:18	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32798	No
118	GOM_NL__2PRFIN20080608_090730_000000422069_00179_32798_6522.N1	08-JUN-2008 09:07:30	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	32798	No
119	GOM_NL__2PRFIN20080608_091440_000000422069_00179_32798_6523.N1	08-JUN-2008 09:14:40	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32798	No
120	GOM_NL__2PRFIN20080608_092527_000000472069_00179_32798_6524.N1	08-JUN-2008 09:25:27	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32798	No
121	GOM_NL__2PRFIN20080608_093122_000000372069_00179_32798_6525.N1	08-JUN-2008 09:31:22	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32798	No
122	GOM_NL__2PRFIN20080608_093711_000000382069_00179_32798_6526.N1	08-JUN-2008 09:37:11	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32798	No
123	GOM_NL__2PRFIN20080608_093930_000000612069_00179_32798_6527.N1	08-JUN-2008 09:39:30	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32798	No
124	GOM_NL__2PRFIN20080608_094245_000000462069_00179_32798_6528.N1	08-JUN-2008 09:42:45	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	32798	No
125	GOM_NL__2PRFIN20080608_095715_000000512069_00179_32798_6529.N1	08-JUN-2008 09:57:15	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32798	No
126	GOM_NL__2PRFIN20080608_100347_000000442069_00179_32798_6530.N1	08-JUN-2008 10:03:47	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32798	No
127	GOM_NL__2PRFIN20080608_100711_000000652069_00180_32799_6535.N1	08-JUN-2008 10:07:11	Dark	64.500	18	24Alp PsA	1.1660	9700.0	129	32799	No
128	GOM_NL__2PRFIN20080608_100937_000000512069_00180_32799_6536.N1	08-JUN-2008 10:09:37	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32799	No
129	GOM_NL__2PRFIN20080608_101137_000000472069_00180_32799_6537.N1	08-JUN-2008 10:11:37	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32799	No
130	GOM_NL__2PRFIN20080608_101604_000000412069_00180_32799_6538.N1	08-JUN-2008 10:16:04	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32799	No
131	GOM_NL__2PRFIN20080608_102443_000000462069_00180_32799_6539.N1	08-JUN-2008 10:24:43	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32799	No
132	GOM_NL__2PRFIN20080608_102628_000000462069_00180_32799_6540.N1	08-JUN-2008 10:26:28	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	32799	No
133	GOM_NL__2PRFIN20080608_102749_000000512069_00180_32799_6541.N1	08-JUN-2008 10:27:49	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	32799	No
134	GOM_NL__2PRFIN20080608_103324_000000412069_00180_32799_6542.N1	08-JUN-2008 10:33:24	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	32799	No
135	GOM_NL__2PRFIN20080608_103511_000000392069_00180_32799_6543.N1	08-JUN-2008 10:35:11	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32799	No
136	GOM_NL__2PRFIN20080608_103718_000000372069_00180_32799_6544.N1	08-JUN-2008 10:37:18	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32799	No
137	GOM_NL__2PRFIN20080608_104041_000000482069_00180_32799_6545.N1	08-JUN-2008 10:40:41	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	32799	No
138	GOM_NL__2PRFIN20080608_104453_000000392069_00180_32799_6546.N1	08-JUN-2008 10:44:53	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32799	No
139	GOM_NL__2PRFIN20080608_104806_000000392069_00180_32799_6547.N1	08-JUN-2008 10:48:06	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32799	No
140	GOM_NL__2PRFIN20080608_105515_000000422069_00180_32799_6548.N1	08-JUN-2008 10:55:15	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32799	No
141	GOM_NL__2PRFIN20080608_110602_000000482069_00180_32799_6549.N1	08-JUN-2008 11:06:02	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	32799	No
142	GOM_NL__2PRFIN20080608_111157_000000372069_00180_32799_6550.N1	08-JUN-2008 11:11:57	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32799	No
143	GOM_NL__2PRFIN20080608_111747_000000372069_00180_32799_6551.N1	08-JUN-2008 11:17:47	Bright	37.000	73	57Gam1And	2.2600	13100.	74	32799	No
144	GOM_NL__2PRFIN20080608_112006_000000612069_00180_32799_6552.N1	08-JUN-2008 11:20:06	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32799	No
145	GOM_NL__2PRFIN20080608_112321_000000442069_00180_32799_6553.N1	08-JUN-2008 11:23:21	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	32799	No
146	GOM_NL__2PRFIN20080608_113752_000000512069_00180_32799_6554.N1	08-JUN-2008 11:37:52	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32799	No
147	GOM_NL__2PRFIN20080608_114424_000000422069_00180_32799_6555.N1	08-JUN-2008 11:44:24	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32799	No
148	GOM_NL__2PRFIN20080608_114748_000000752069_00181_32800_6548.N1	08-JUN-2008 11:47:48	Dark	74.500	18	24Alp PsA	1.1660	9700.0	149	32800	No
149	GOM_NL__2PRFIN20080608_115014_000000492069_00181_32800_6549.N1	08-JUN-2008 11:50:14	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32800	No
150	GOM_NL__2PRFIN20080608_115214_000000472069_00181_32800_6550.N1	08-JUN-2008 11:52:14	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32800	No
151	GOM_NL__2PRFIN20080608_115640_000000422069_00181_32800_6551.N1	08-JUN-2008 11:56:40	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32800	No
152	GOM_NL__2PRFIN20080608_120519_000000442069_00181_32800_6552.N1	08-JUN-2008 12:05:19	Straylight	44.000	40	The Sco	1.8590	7100.0	88	32800	No
153	GOM_NL__2PRFIN20080608_120704_000000472069_00181_32800_6553.N1	08-JUN-2008 12:07:04	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	32800	No
154	GOM_NL__2PRFIN20080608_120825_000000502069_00181_32800_6554.N1	08-JUN-2008 12:08:25	Tw_i_and_stray	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32800	No
155	GOM_NL__2PRFIN20080608_121400_000000422069_00181_32800_6555.N1	08-JUN-2008 12:14:00	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32800	No
156	GOM_NL__2PRFIN20080608_121547_000000382069_00181_32800_6556.N1	08-JUN-2008 12:15:47	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32800	No
157	GOM_NL__2PRFIN20080608_121754_000000372069_00181_32800_6557.N1	08-JUN-2008 12:17:54	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32800	No
158	GOM_NL__2PRFIN20080608_122117_000000492069_00181_32800_6558.N1	08-JUN-2008 12:21:17	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	32800	No
159	GOM_NL__2PRFIN20080608_122529_000000372069_00181_32800_6559.N1	08-JUN-2008 12:25:29	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32800	No
160	GOM_NL__2PRFIN20080608_122842_000000392069_00181_32800_6560.N1	08-JUN-2008 12:28:42	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32800	No

161	GOM_NL__2PRFIN20080608_123551_000000412069_00181_32800_6561.N1	08-JUN-2008 12:35:51	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	32800	No
162	GOM_NL__2PRFIN20080608_124637_000000482069_00181_32800_6562.N1	08-JUN-2008 12:46:37	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	32800	No
163	GOM_NL__2PRFIN20080608_125233_000000372069_00181_32800_6563.N1	08-JUN-2008 12:52:33	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32800	No
164	GOM_NL__2PRFIN20080608_125823_000000542069_00181_32800_6564.N1	08-JUN-2008 12:58:23	Bright	54.000	73	57Gam1And	2.2600	13100.	108	32800	No
165	GOM_NL__2PRFIN20080608_130042_000000512069_00181_32800_6565.N1	08-JUN-2008 13:00:42	Bright	51.000	53	43Bet And	2.0480	3300.0	102	32800	No
166	GOM_NL__2PRFIN20080608_130357_000000462069_00181_32800_6566.N1	08-JUN-2008 13:03:57	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	32800	No
167	GOM_NL__2PRFIN20080608_131829_000000512069_00181_32800_6567.N1	08-JUN-2008 13:18:29	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	32800	No
168	GOM_NL__2PRFIN20080608_132500_000000422069_00181_32800_6568.N1	08-JUN-2008 13:25:00	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	32800	No
169	GOM_NL__2PRFIN20080608_133051_000000462069_00182_32801_6563.N1	08-JUN-2008 13:30:51	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32801	No
170	GOM_NL__2PRFIN20080608_133251_000000472069_00182_32801_6564.N1	08-JUN-2008 13:32:51	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32801	No
171	GOM_NL__2PRFIN20080608_133717_000000432069_00182_32801_6565.N1	08-JUN-2008 13:37:17	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32801	No
172	GOM_NL__2PRFIN20080608_134555_000000452069_00182_32801_6566.N1	08-JUN-2008 13:45:55	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32801	No
173	GOM_NL__2PRFIN20080608_134741_000000452069_00182_32801_6567.N1	08-JUN-2008 13:47:41	Tw_i_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32801	No
174	GOM_NL__2PRFIN20080608_134902_000000512069_00182_32801_6568.N1	08-JUN-2008 13:49:02	Tw_i_and_stray	50.500	167	10Gam2Sgr	2.9840	4500.0	101	32801	No
175	GOM_NL__2PRFIN20080608_135436_000000422069_00182_32801_6569.N1	08-JUN-2008 13:54:36	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32801	No
176	GOM_NL__2PRFIN20080608_135623_000000392069_00182_32801_6570.N1	08-JUN-2008 13:56:23	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32801	No
177	GOM_NL__2PRFIN20080608_135830_000000372069_00182_32801_6571.N1	08-JUN-2008 13:58:30	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32801	No
178	GOM_NL__2PRFIN20080608_140152_000000492069_00182_32801_6572.N1	08-JUN-2008 14:01:52	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	32801	No
179	GOM_NL__2PRFIN20080608_140605_000000542069_00182_32801_6573.N1	08-JUN-2008 14:06:05	Bright	53.500	127	27Bet Her	2.7810	4700.0	107	32801	No
180	GOM_NL__2PRFIN20080608_140917_000000392069_00182_32801_6574.N1	08-JUN-2008 14:09:17	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32801	No
181	GOM_NL__2PRFIN20080608_141626_000000422069_00182_32801_6575.N1	08-JUN-2008 14:16:26	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32801	No
182	GOM_NL__2PRFIN20080608_142713_000000462069_00182_32801_6576.N1	08-JUN-2008 14:27:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32801	No
183	GOM_NL__2PRFIN20080608_143309_000000412069_00182_32801_6577.N1	08-JUN-2008 14:33:09	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32801	No
184	GOM_NL__2PRFIN20080608_143859_000000382069_00182_32801_6578.N1	08-JUN-2008 14:38:59	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32801	No
185	GOM_NL__2PRFIN20080608_144118_000000532069_00182_32801_6579.N1	08-JUN-2008 14:41:18	Bright	53.000	53	43Bet And	2.0480	3300.0	106	32801	No
186	GOM_NL__2PRFIN20080608_144433_000000432069_00182_32801_6580.N1	08-JUN-2008 14:44:33	Twilight	43.000	50	13Alp Ari	2.0070	4250.0	86	32801	No
187	GOM_NL__2PRFIN20080608_145905_000000482069_00182_32801_6581.N1	08-JUN-2008 14:59:05	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32801	No
188	GOM_NL__2PRFIN20080608_150537_000000482069_00182_32801_6582.N1	08-JUN-2008 15:05:37	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	32801	No
189	GOM_NL__2PRFIN20080608_151128_000000472069_00183_32802_6573.N1	08-JUN-2008 15:11:28	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32802	No
190	GOM_NL__2PRFIN20080608_151328_000000482069_00183_32802_6574.N1	08-JUN-2008 15:13:28	Dark	48.000	31	Alp Gru	1.7340	15200.	96	32802	No
191	GOM_NL__2PRFIN20080608_151754_000000422069_00183_32802_6575.N1	08-JUN-2008 15:17:54	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32802	No
192	GOM_NL__2PRFIN20080608_152632_000000412069_00183_32802_6576.N1	08-JUN-2008 15:26:32	Straylight	41.000	40	The Sco	1.8590	7100.0	82	32802	No
193	GOM_NL__2PRFIN20080608_152817_000000452069_00183_32802_6577.N1	08-JUN-2008 15:28:17	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32802	No
194	GOM_NL__2PRFIN20080608_152938_000000512069_00183_32802_6578.N1	08-JUN-2008 15:29:38	Tw_i_and_stray	50.500	167	10Gam2Sgr	2.9840	4500.0	101	32802	No
195	GOM_NL__2PRFIN20080608_153512_000000422069_00183_32802_6579.N1	08-JUN-2008 15:35:12	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32802	No
196	GOM_NL__2PRFIN20080608_153659_000000382069_00183_32802_6580.N1	08-JUN-2008 15:36:59	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32802	No
197	GOM_NL__2PRFIN20080608_153906_000000372069_00183_32802_6581.N1	08-JUN-2008 15:39:06	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32802	No
198	GOM_NL__2PRFIN20080608_154228_000000502069_00183_32802_6582.N1	08-JUN-2008 15:42:28	Bright	50.000	126	60Bet Oph	2.7700	4250.0	100	32802	No
199	GOM_NL__2PRFIN20080608_154641_000000572069_00183_32802_6583.N1	08-JUN-2008 15:46:41	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	32802	No
200	GOM_NL__2PRFIN20080608_154953_000000392069_00183_32802_6584.N1	08-JUN-2008 15:49:53	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32802	No
201	GOM_NL__2PRFIN20080608_155702_000000412069_00183_32802_6585.N1	08-JUN-2008 15:57:02	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32802	No
202	GOM_NL__2PRFIN20080608_160748_000000472069_00183_32802_6586.N1	08-JUN-2008 16:07:48	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32802	No
203	GOM_NL__2PRFIN20080608_161345_000000372069_00183_32802_6587.N1	08-JUN-2008 16:13:45	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32802	No
204	GOM_NL__2PRFIN20080608_161935_000000412069_00183_32802_6588.N1	08-JUN-2008 16:19:35	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32802	No
205	GOM_NL__2PRFIN20080608_162154_000000612069_00183_32802_6589.N1	08-JUN-2008 16:21:54	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32802	No
206	GOM_NL__2PRFIN20080608_162509_000000452069_00183_32802_6590.N1	08-JUN-2008 16:25:09	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	32802	No
207	GOM_NL__2PRFIN20080608_163942_000000542069_00183_32802_6591.N1	08-JUN-2008 16:39:42	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32802	No
208	GOM_NL__2PRFIN20080608_164614_000000472069_00183_32802_6592.N1	08-JUN-2008 16:46:14	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	32802	No
209	GOM_NL__2PRFIN20080608_164941_000000582069_00184_32803_6591.N1	08-JUN-2008 16:49:41	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	32803	No
210	GOM_NL__2PRFIN20080608_165205_000000632069_00184_32803_6592.N1	08-JUN-2008 16:52:05	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	32803	No
211	GOM_NL__2PRFIN20080608_165405_000000462069_00184_32803_6593.N1	08-JUN-2008 16:54:05	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32803	No
212	GOM_NL__2PRFIN20080608_165830_000000432069_00184_32803_6594.N1	08-JUN-2008 16:58:30	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32803	No
213	GOM_NL__2PRFIN20080608_170708_000000442069_00184_32803_6595.N1	08-JUN-2008 17:07:08	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32803	No
214	GOM_NL__2PRFIN20080608_170853_000000442069_00184_32803_6596.N1	08-JUN-2008 17:08:53	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32803	No
215	GOM_NL__2PRFIN20080608_171014_000000512069_00184_32803_6597.N1	08-JUN-2008 17:10:14	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	32803	No
216	GOM_NL__2PRFIN20080608_171548_000000422069_00184_32803_6598.N1	08-JUN-2008 17:15:48	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32803	No
217	GOM_NL__2PRFIN20080608_171735_000000392069_00184_32803_6599.N1	08-JUN-2008 17:17:35	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32803	No
218	GOM_NL__2PRFIN20080608_171944_000000352069_00184_32803_6600.N1	08-JUN-2008 17:19:44	Bright	34.500	120	1Del Oph	2.7340	3200.0	69	32803	No
219	GOM_NL__2PRFIN20080608_172303_000000502069_00184_32803_6601.N1	08-JUN-2008 17:23:03	Bright	49.500	126	60Bet Oph	2.7700	4250.0	99	32803	No

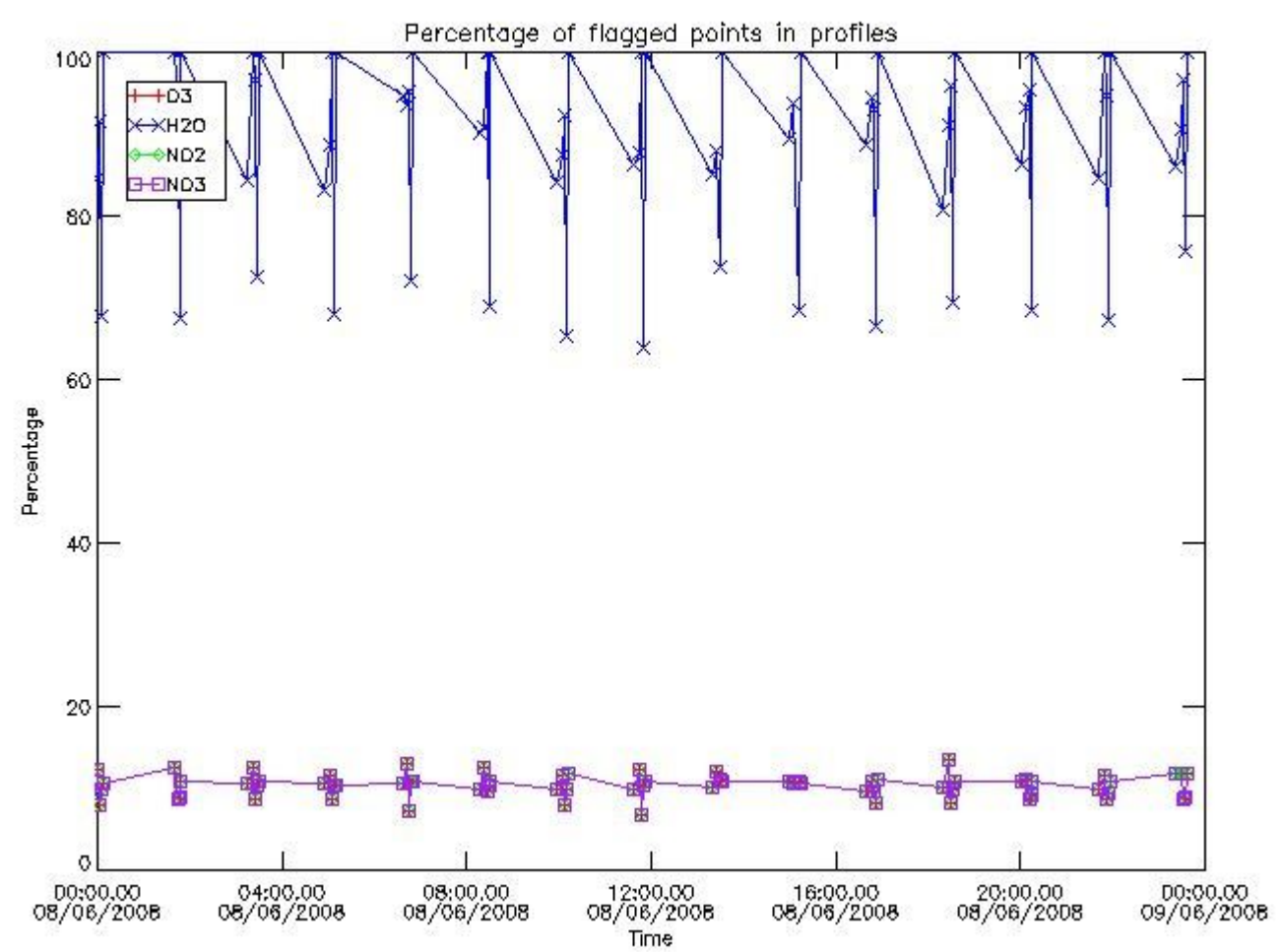
220	GOM_NL__2PRFIN20080608_172716_000000402069_00184_32803_6602.N1	08-JUN-2008 17:27:16	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	32803	No
221	GOM_NL__2PRFIN20080608_173028_000000402069_00184_32803_6603.N1	08-JUN-2008 17:30:28	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	32803	No
222	GOM_NL__2PRFIN20080608_173737_000000422069_00184_32803_6604.N1	08-JUN-2008 17:37:37	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32803	No
223	GOM_NL__2PRFIN20080608_174823_000000482069_00184_32803_6605.N1	08-JUN-2008 17:48:23	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	32803	No
224	GOM_NL__2PRFIN20080608_175421_000000562069_00184_32803_6606.N1	08-JUN-2008 17:54:21	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	32803	No
225	GOM_NL__2PRFIN20080608_180011_000000362069_00184_32803_6607.N1	08-JUN-2008 18:00:11	Bright	35.500	73	57Gam1And	2.2600	13100.	71	32803	No
226	GOM_NL__2PRFIN20080608_180230_000000532069_00184_32803_6608.N1	08-JUN-2008 18:02:30	Bright	53.000	53	43Bet And	2.0480	3300.0	106	32803	No
227	GOM_NL__2PRFIN20080608_180545_000000452069_00184_32803_6609.N1	08-JUN-2008 18:05:45	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	32803	No
228	GOM_NL__2PRFIN20080608_182019_000000502069_00184_32803_6610.N1	08-JUN-2008 18:20:19	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	32803	No
229	GOM_NL__2PRFIN20080608_182650_000000462069_00184_32803_6611.N1	08-JUN-2008 18:26:50	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32803	No
230	GOM_NL__2PRFIN20080608_183018_000000622069_00185_32804_6610.N1	08-JUN-2008 18:30:18	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	32804	No
231	GOM_NL__2PRFIN20080608_183242_000000512069_00185_32804_6611.N1	08-JUN-2008 18:32:42	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32804	No
232	GOM_NL__2PRFIN20080608_183442_000000472069_00185_32804_6612.N1	08-JUN-2008 18:34:42	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32804	No
233	GOM_NL__2PRFIN20080608_183907_000000422069_00185_32804_6613.N1	08-JUN-2008 18:39:07	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32804	No
234	GOM_NL__2PRFIN20080608_184744_000000462069_00185_32804_6614.N1	08-JUN-2008 18:47:44	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32804	No
235	GOM_NL__2PRFIN20080608_184930_000000432069_00185_32804_6615.N1	08-JUN-2008 18:49:30	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32804	No
236	GOM_NL__2PRFIN20080608_185051_000000482069_00185_32804_6616.N1	08-JUN-2008 18:50:51	Twi_and_stray	47.500	167	10Gam2Sgr	2.9840	4500.0	95	32804	No
237	GOM_NL__2PRFIN20080608_185624_000000412069_00185_32804_6617.N1	08-JUN-2008 18:56:24	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	32804	No
238	GOM_NL__2PRFIN20080608_185811_000000382069_00185_32804_6618.N1	08-JUN-2008 18:58:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32804	No
239	GOM_NL__2PRFIN20080608_190339_000000492069_00185_32804_6619.N1	08-JUN-2008 19:03:39	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	32804	No
240	GOM_NL__2PRFIN20080608_190752_000000402069_00185_32804_6620.N1	08-JUN-2008 19:07:52	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	32804	No
241	GOM_NL__2PRFIN20080608_191104_000000422069_00185_32804_6621.N1	08-JUN-2008 19:11:04	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	32804	No
242	GOM_NL__2PRFIN20080608_191813_000000432069_00185_32804_6622.N1	08-JUN-2008 19:18:13	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	32804	No
243	GOM_NL__2PRFIN20080608_192859_000000472069_00185_32804_6623.N1	08-JUN-2008 19:28:59	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32804	No
244	GOM_NL__2PRFIN20080608_193456_000000442069_00185_32804_6624.N1	08-JUN-2008 19:34:56	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	32804	No
245	GOM_NL__2PRFIN20080608_194047_000000472069_00185_32804_6625.N1	08-JUN-2008 19:40:47	Bright	46.500	73	57Gam1And	2.2600	13100.	93	32804	No
246	GOM_NL__2PRFIN20080608_194306_000000612069_00185_32804_6626.N1	08-JUN-2008 19:43:06	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32804	No
247	GOM_NL__2PRFIN20080608_194622_000000472069_00185_32804_6627.N1	08-JUN-2008 19:46:22	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32804	No
248	GOM_NL__2PRFIN20080608_200056_000000482069_00185_32804_6628.N1	08-JUN-2008 20:00:56	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32804	No
249	GOM_NL__2PRFIN20080608_200727_000000462069_00185_32804_6629.N1	08-JUN-2008 20:07:27	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32804	No
250	GOM_NL__2PRFIN20080608_201056_000000652069_00186_32805_6622.N1	08-JUN-2008 20:10:56	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	32805	No
251	GOM_NL__2PRFIN20080608_201319_000000562069_00186_32805_6623.N1	08-JUN-2008 20:13:19	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32805	No
252	GOM_NL__2PRFIN20080608_201519_000000482069_00186_32805_6624.N1	08-JUN-2008 20:15:19	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32805	No
253	GOM_NL__2PRFIN20080608_201944_000000412069_00186_32805_6625.N1	08-JUN-2008 20:19:44	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32805	No
254	GOM_NL__2PRFIN20080608_202821_000000472069_00186_32805_6626.N1	08-JUN-2008 20:28:21	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32805	No
255	GOM_NL__2PRFIN20080608_203006_000000452069_00186_32805_6627.N1	08-JUN-2008 20:30:06	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32805	No
256	GOM_NL__2PRFIN20080608_203127_000000502069_00186_32805_6628.N1	08-JUN-2008 20:31:27	Twi_and_stray	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32805	No
257	GOM_NL__2PRFIN20080608_203700_000000422069_00186_32805_6629.N1	08-JUN-2008 20:37:00	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32805	No
258	GOM_NL__2PRFIN20080608_203847_000000392069_00186_32805_6630.N1	08-JUN-2008 20:38:47	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32805	No
259	GOM_NL__2PRFIN20080608_204414_000000482069_00186_32805_6631.N1	08-JUN-2008 20:44:14	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32805	No
260	GOM_NL__2PRFIN20080608_204828_000000402069_00186_32805_6632.N1	08-JUN-2008 20:48:28	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	32805	No
261	GOM_NL__2PRFIN20080608_205140_000000392069_00186_32805_6633.N1	08-JUN-2008 20:51:40	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32805	No
262	GOM_NL__2PRFIN20080608_205848_000000612069_00186_32805_6634.N1	08-JUN-2008 20:58:48	Bright	61.000	130	23Bet Dra	2.7990	5800.0	122	32805	No
263	GOM_NL__2PRFIN20080608_210934_000000442069_00186_32805_6635.N1	08-JUN-2008 21:09:34	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	32805	No
264	GOM_NL__2PRFIN20080608_211532_000000492069_00186_32805_6636.N1	08-JUN-2008 21:15:32	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	32805	No
265	GOM_NL__2PRFIN20080608_212123_000000382069_00186_32805_6637.N1	08-JUN-2008 21:21:23	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32805	No
266	GOM_NL__2PRFIN20080608_212342_000000502069_00186_32805_6638.N1	08-JUN-2008 21:23:42	Bright	49.500	53	43Bet And	2.0480	3300.0	99	32805	No
267	GOM_NL__2PRFIN20080608_212658_000000422069_00186_32805_6639.N1	08-JUN-2008 21:26:58	Twilight	41.500	50	13Alp Ari	2.0070	4250.0	83	32805	No
268	GOM_NL__2PRFIN20080608_214133_000000522069_00186_32805_6640.N1	08-JUN-2008 21:41:33	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	32805	No
269	GOM_NL__2PRFIN20080608_214803_000000452069_00186_32805_6641.N1	08-JUN-2008 21:48:03	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32805	No
270	GOM_NL__2PRFIN20080608_215133_000000582069_00187_32806_6636.N1	08-JUN-2008 21:51:33	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	32806	No
271	GOM_NL__2PRFIN20080608_215355_000000542069_00187_32806_6637.N1	08-JUN-2008 21:53:55	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	32806	No
272	GOM_NL__2PRFIN20080608_215556_000000472069_00187_32806_6638.N1	08-JUN-2008 21:55:56	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32806	No
273	GOM_NL__2PRFIN20080608_220020_000000422069_00187_32806_6639.N1	08-JUN-2008 22:00:20	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32806	No
274	GOM_NL__2PRFIN20080608_220857_000000452069_00187_32806_6640.N1	08-JUN-2008 22:08:57	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32806	No
275	GOM_NL__2PRFIN20080608_221042_000000452069_00187_32806_6641.N1	08-JUN-2008 22:10:42	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32806	No
276	GOM_NL__2PRFIN20080608_221218_000000262069_00187_32806_6642.N1	08-JUN-2008 22:12:18	Twi_and_stray	26.000	57	34Sig Sgr	2.0660	26000.	52	32806	No
277	GOM_NL__2PRFIN20080608_221318_000000592069_00187_32806_6643.N1	08-JUN-2008 22:13:18	Bright	58.500	137	22Lam Sgr	2.8240	4400.0	117	32806	No
278	GOM_NL__2PRFIN20080608_221736_000000422069_00187_32806_6644.N1	08-JUN-2008 22:17:36	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32806	No

279	GOM_NL__2PRFIN20080608_221923_000000392069_00187_32806_6645.N1	08-JUN-2008 22:19:23	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	32806	No
280	GOM_NL__2PRFIN20080608_222450_000000482069_00187_32806_6646.N1	08-JUN-2008 22:24:50	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32806	No
281	GOM_NL__2PRFIN20080608_222903_000000402069_00187_32806_6647.N1	08-JUN-2008 22:29:03	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	32806	No
282	GOM_NL__2PRFIN20080608_223215_000000412069_00187_32806_6648.N1	08-JUN-2008 22:32:15	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	32806	No
283	GOM_NL__2PRFIN20080608_223924_000000422069_00187_32806_6649.N1	08-JUN-2008 22:39:24	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32806	No
284	GOM_NL__2PRFIN20080608_225009_000000462069_00187_32806_6650.N1	08-JUN-2008 22:50:09	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32806	No
285	GOM_NL__2PRFIN20080608_225608_000000372069_00187_32806_6651.N1	08-JUN-2008 22:56:08	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32806	No
286	GOM_NL__2PRFIN20080608_230159_000000452069_00187_32806_6652.N1	08-JUN-2008 23:01:59	Bright	44.500	73	57Gam1And	2.2600	13100.	89	32806	No
287	GOM_NL__2PRFIN20080608_230418_000000552069_00187_32806_6653.N1	08-JUN-2008 23:04:18	Bright	55.000	53	43Bet And	2.0480	3300.0	110	32806	No
288	GOM_NL__2PRFIN20080608_230734_000000452069_00187_32806_6654.N1	08-JUN-2008 23:07:34	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32806	No
289	GOM_NL__2PRFIN20080608_232209_000000472069_00187_32806_6655.N1	08-JUN-2008 23:22:09	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32806	No
290	GOM_NL__2PRFIN20080608_232840_000000432069_00187_32806_6656.N1	08-JUN-2008 23:28:40	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32806	No
291	GOM_NL__2PRFIN20080608_233210_000000582069_00188_32807_6648.N1	08-JUN-2008 23:32:10	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	32807	No
292	GOM_NL__2PRFIN20080608_233432_000000622069_00188_32807_6649.N1	08-JUN-2008 23:34:32	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	32807	No
293	GOM_NL__2PRFIN20080608_233633_000000472069_00188_32807_6650.N1	08-JUN-2008 23:36:33	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32807	No
294	GOM_NL__2PRFIN20080608_234057_000000412069_00188_32807_6651.N1	08-JUN-2008 23:40:57	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32807	No
295	GOM_NL__2PRFIN20080608_234933_000000452069_00188_32807_6652.N1	08-JUN-2008 23:49:33	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32807	No
296	GOM_NL__2PRFIN20080608_235118_000000442069_00188_32807_6653.N1	08-JUN-2008 23:51:18	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32807	No
297	GOM_NL__2PRFIN20080608_235255_000000262069_00188_32807_6654.N1	08-JUN-2008 23:52:55	Twilight	26.000	57	34Sig Sgr	2.0660	26000.	52	32807	No
298	GOM_NL__2PRFIN20080608_235355_000000702069_00188_32807_6655.N1	08-JUN-2008 23:53:55	Bright	69.500	137	22Lam Sgr	2.8240	4400.0	139	32807	No
299	GOM_NL__2PRFIN20080608_235812_000000422069_00188_32807_6656.N1	08-JUN-2008 23:58:12	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32807	No
300	GOM_NL__2PRFIN20080608_235959_000000382069_00188_32807_6657.N1	08-JUN-2008 23:59:59	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32807	No

3. Quality information per product

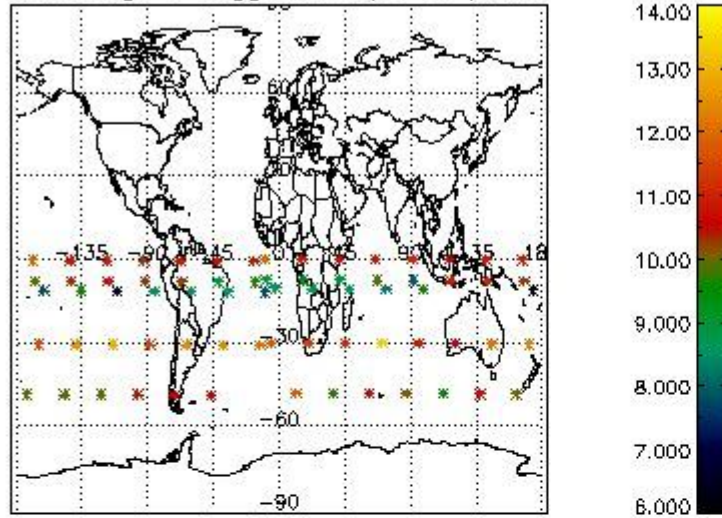
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

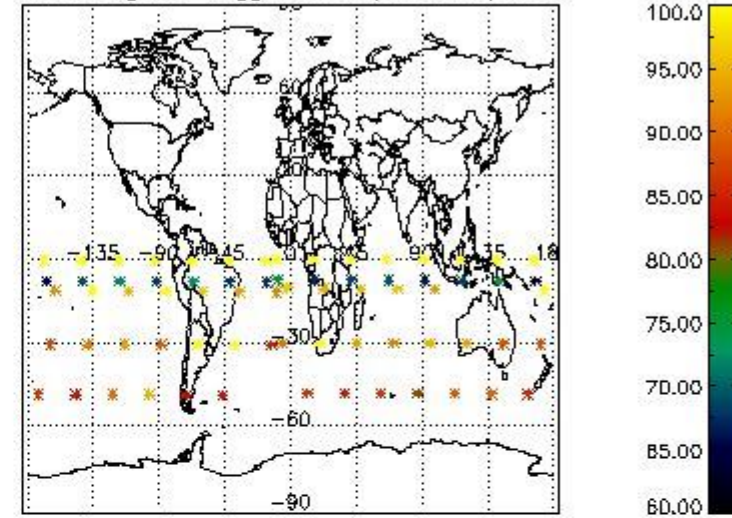


3.2 Plot quality information per product (world map)

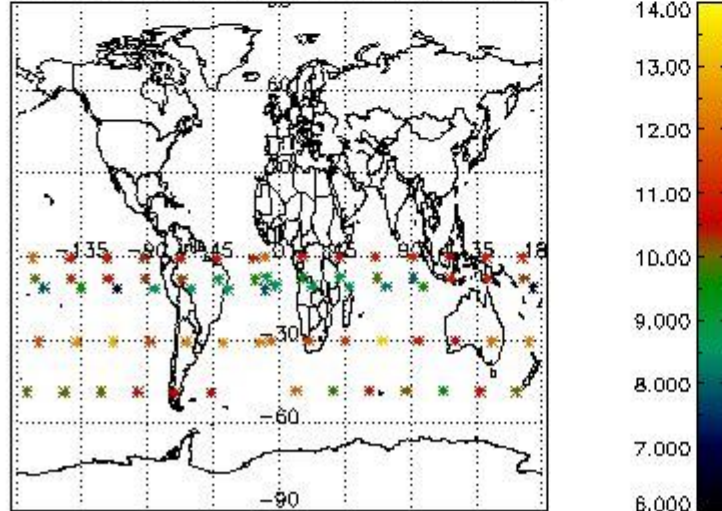
Percentage of flagged data per O3 profile



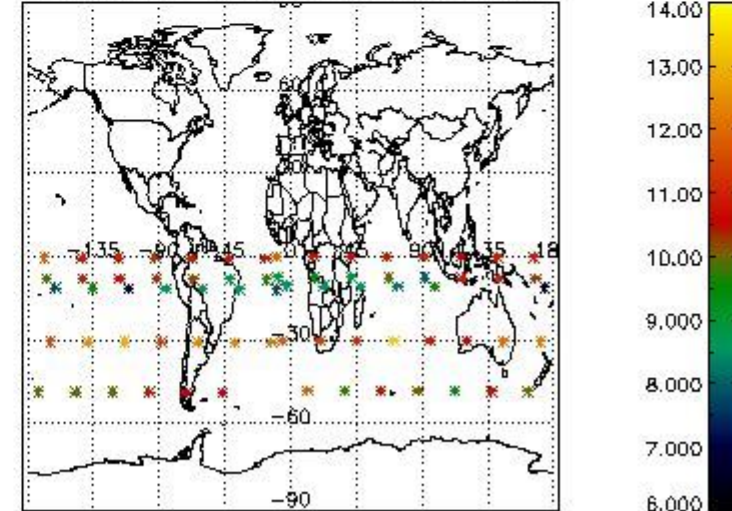
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

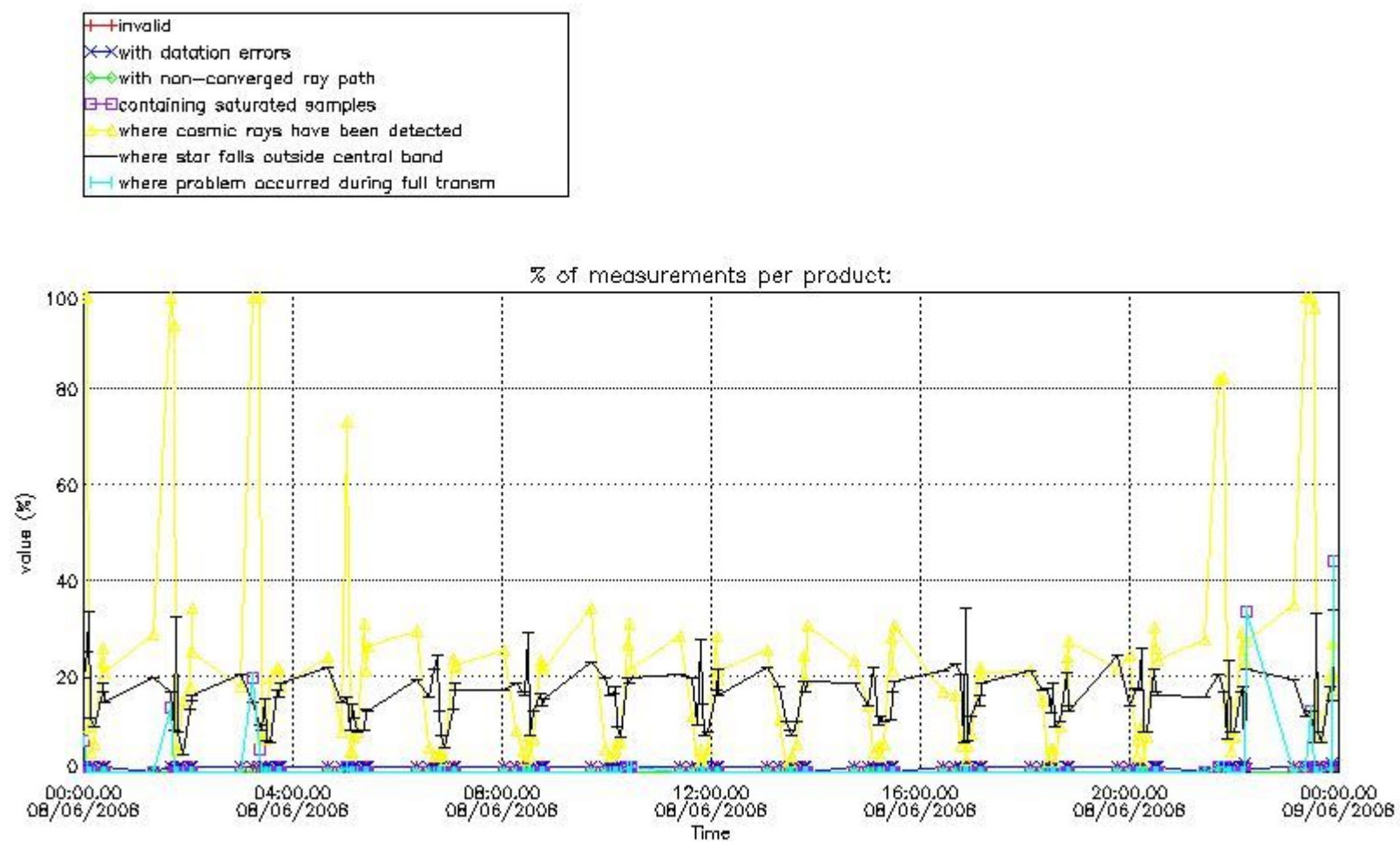


4. Level 1 quality information per product

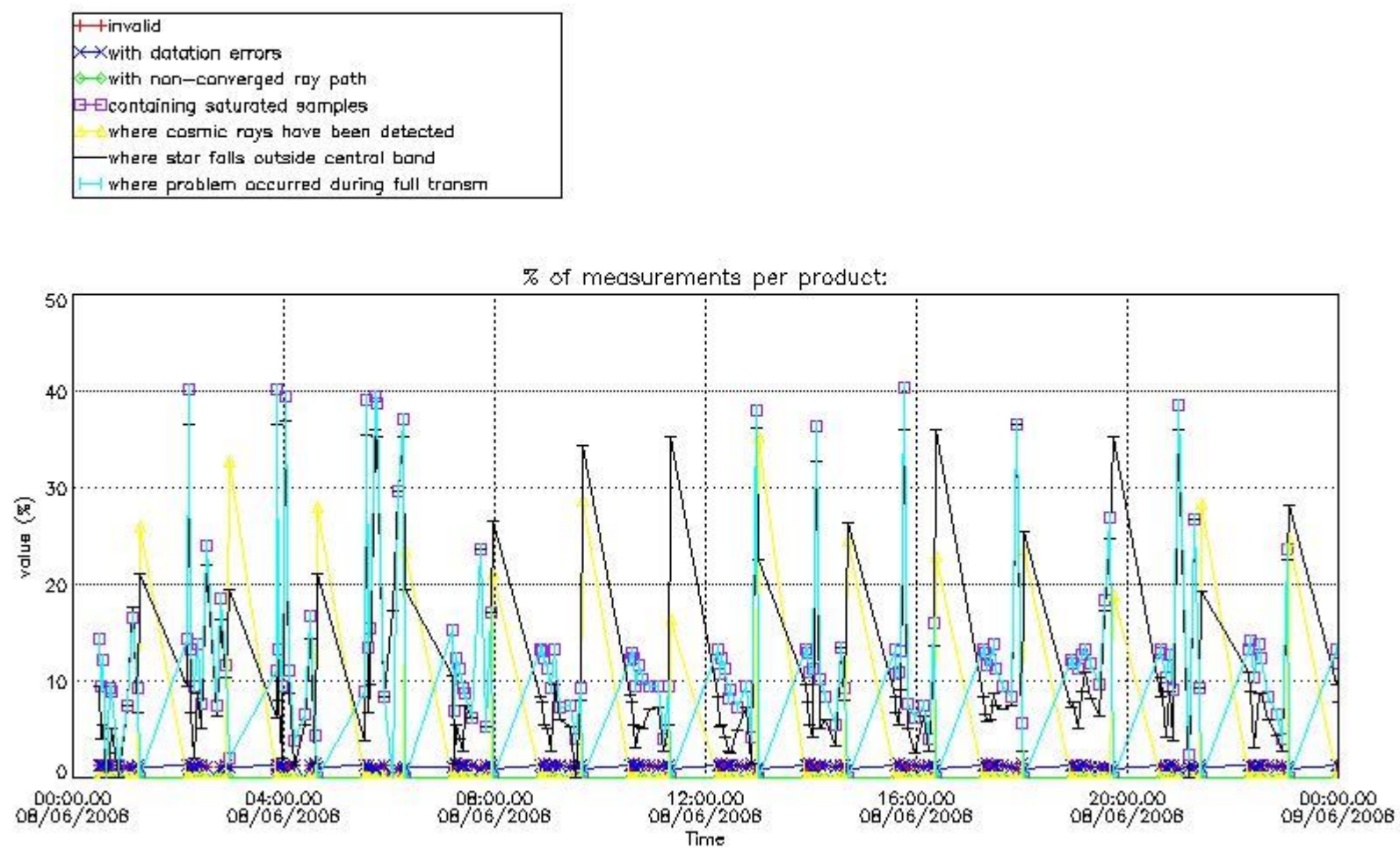
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

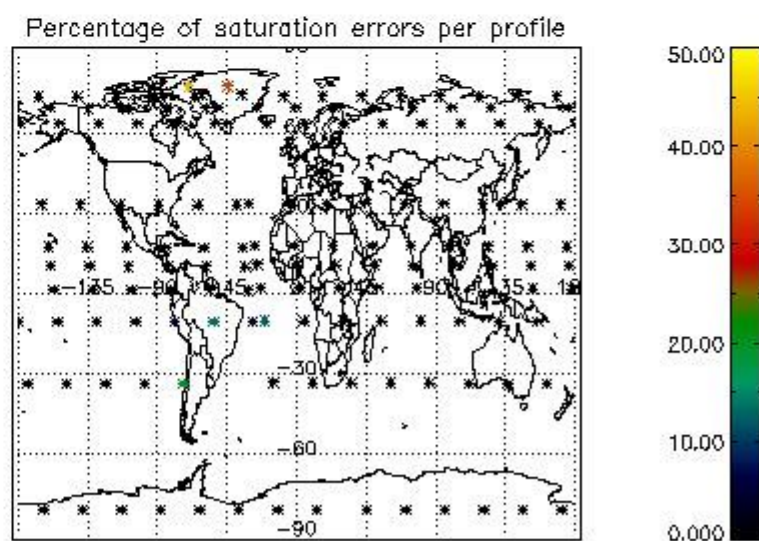
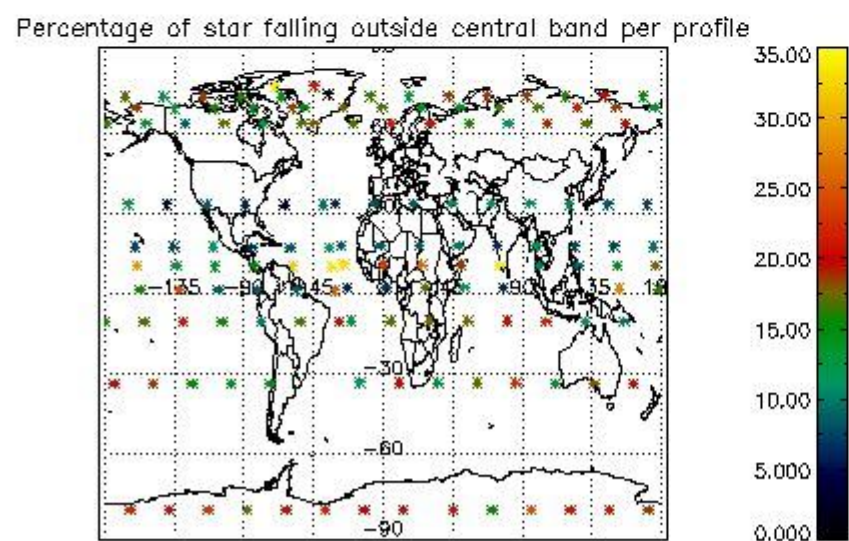
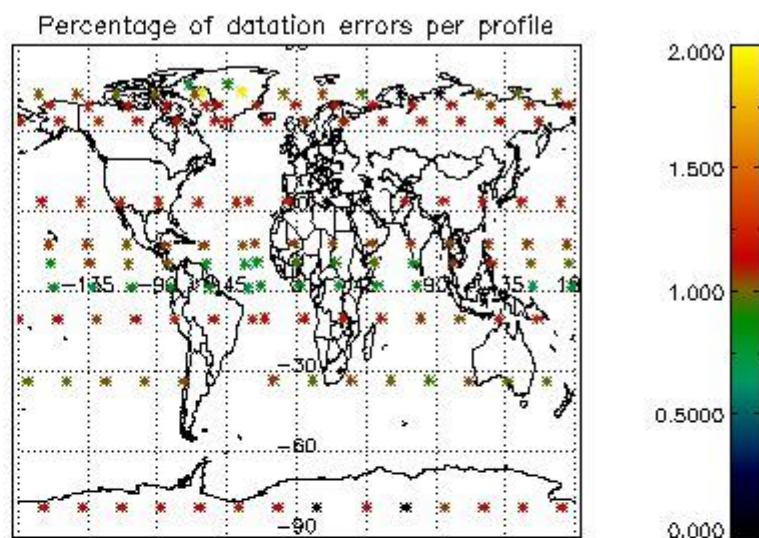
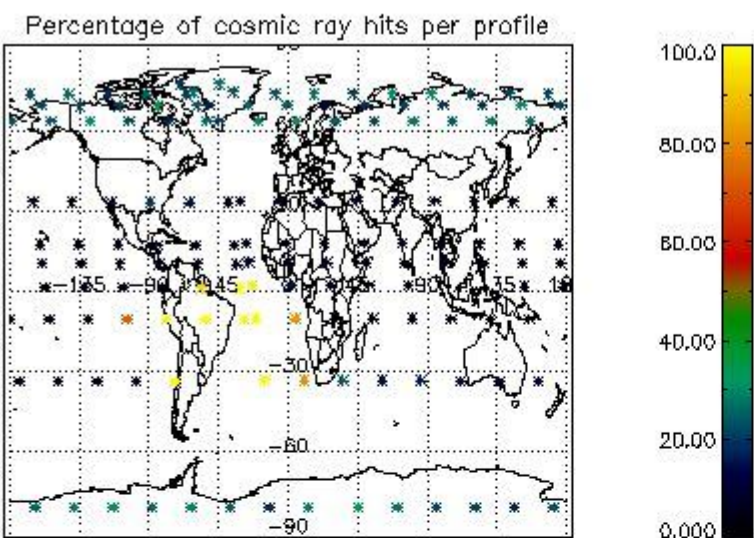
4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



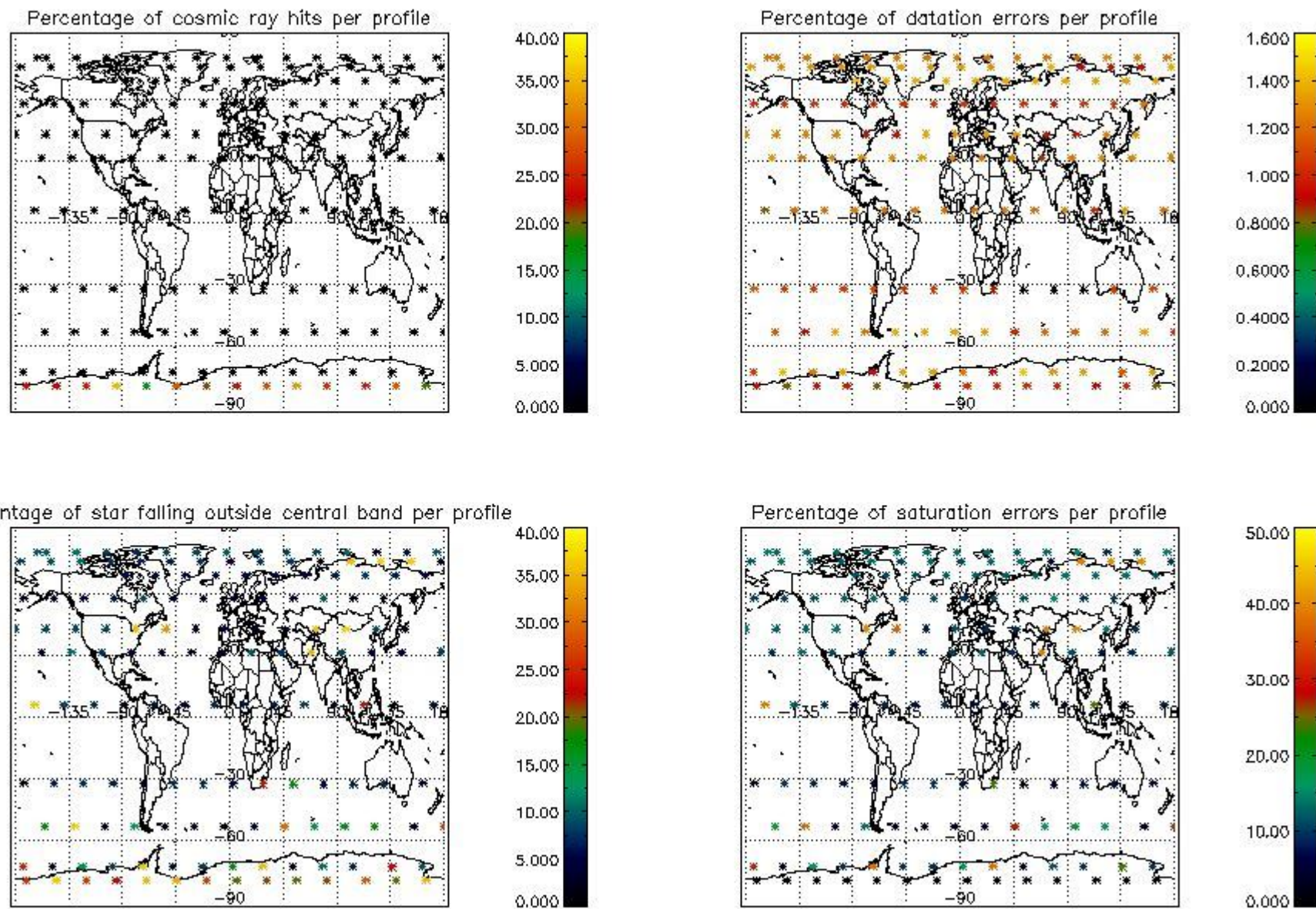
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

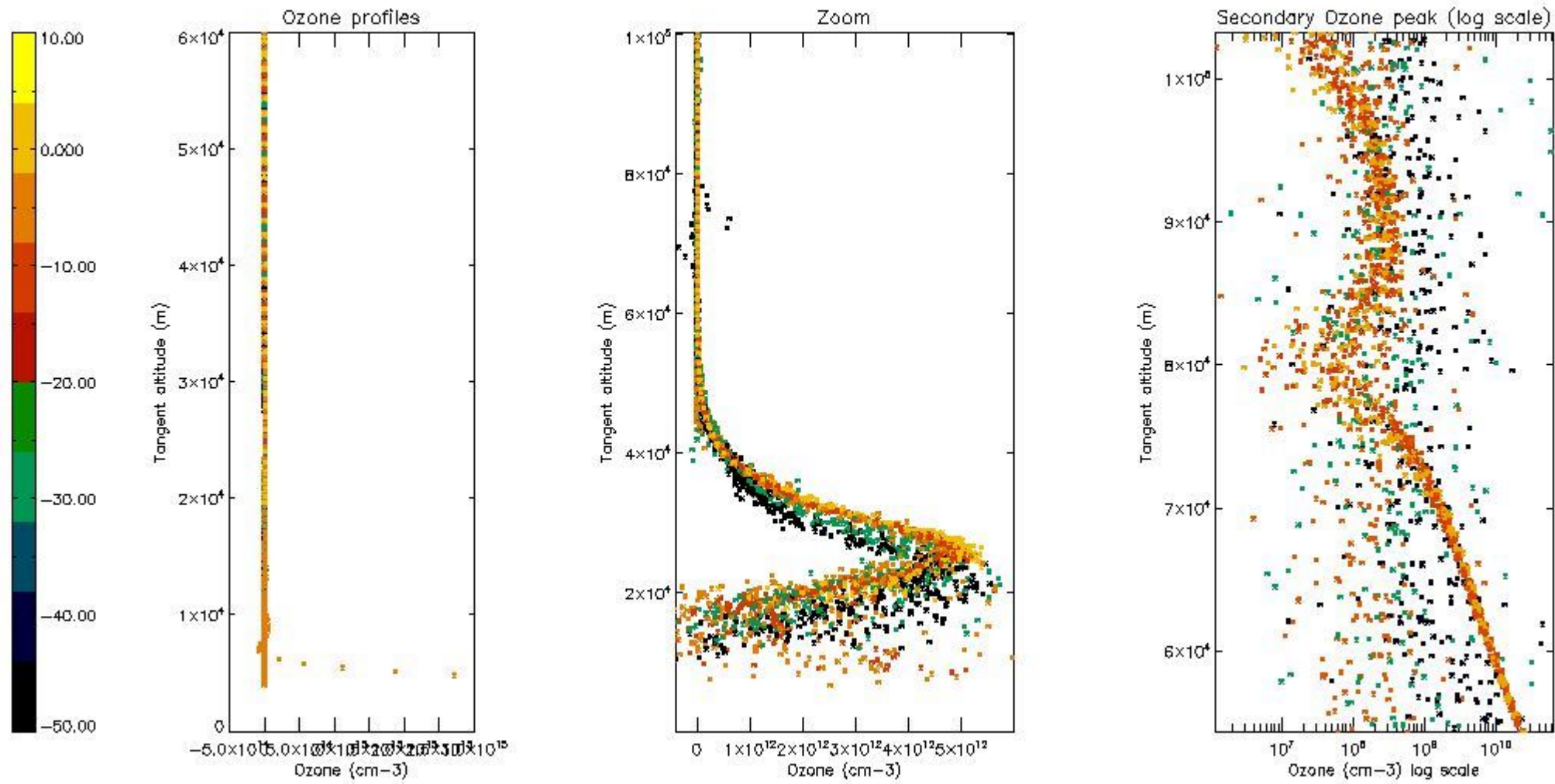
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	12

STD < 10	8
STD < 5	6

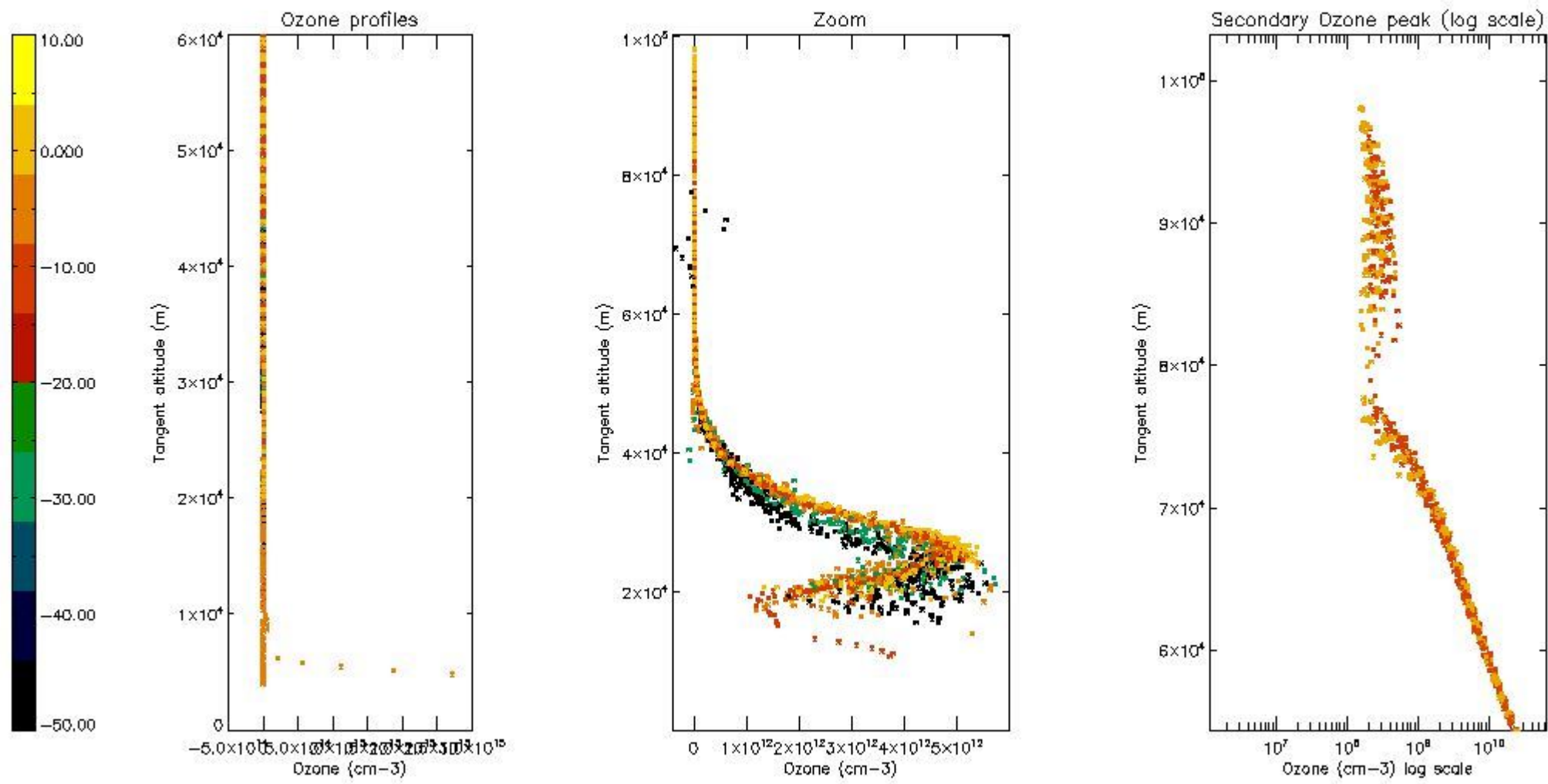
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



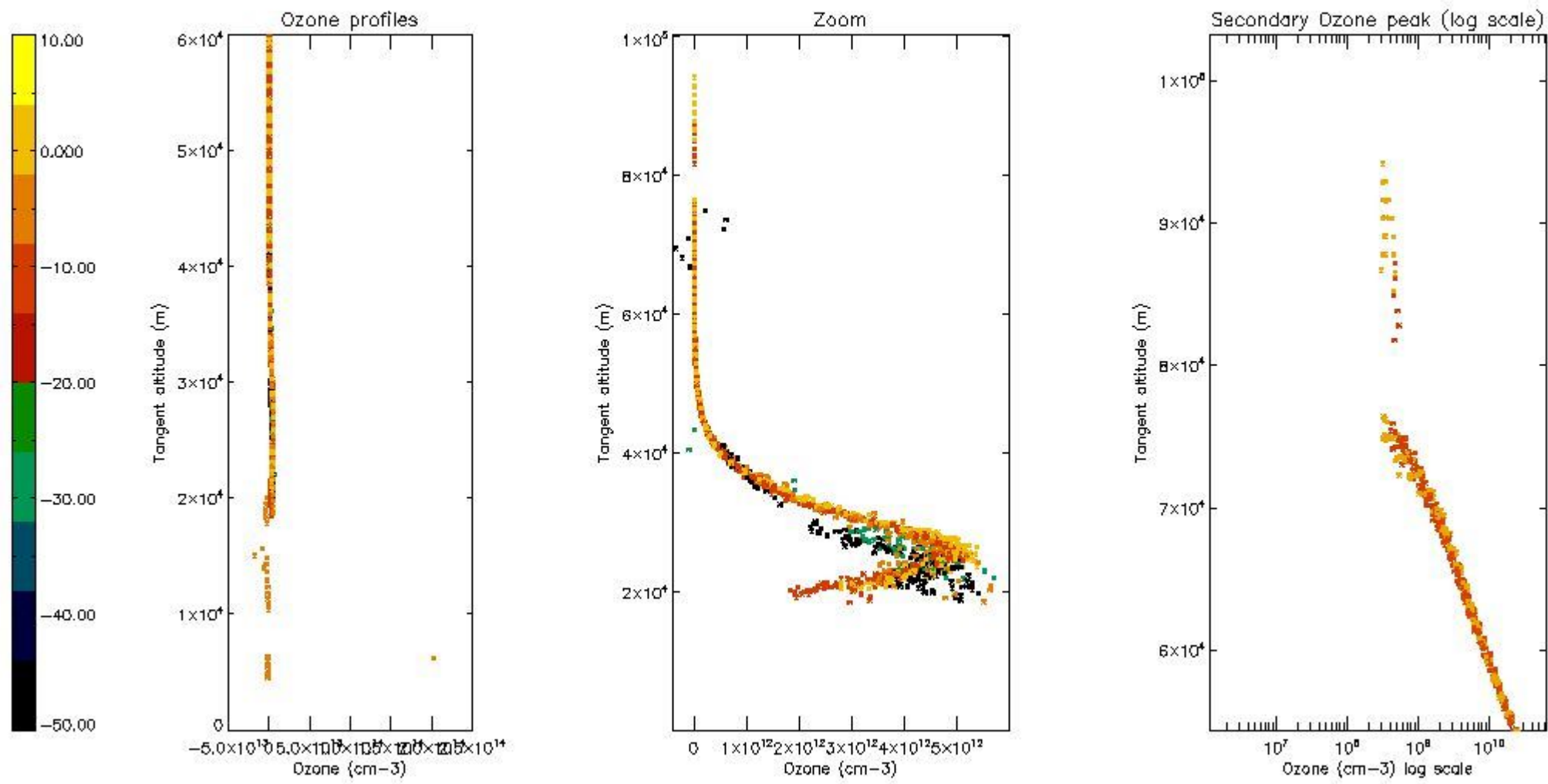
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



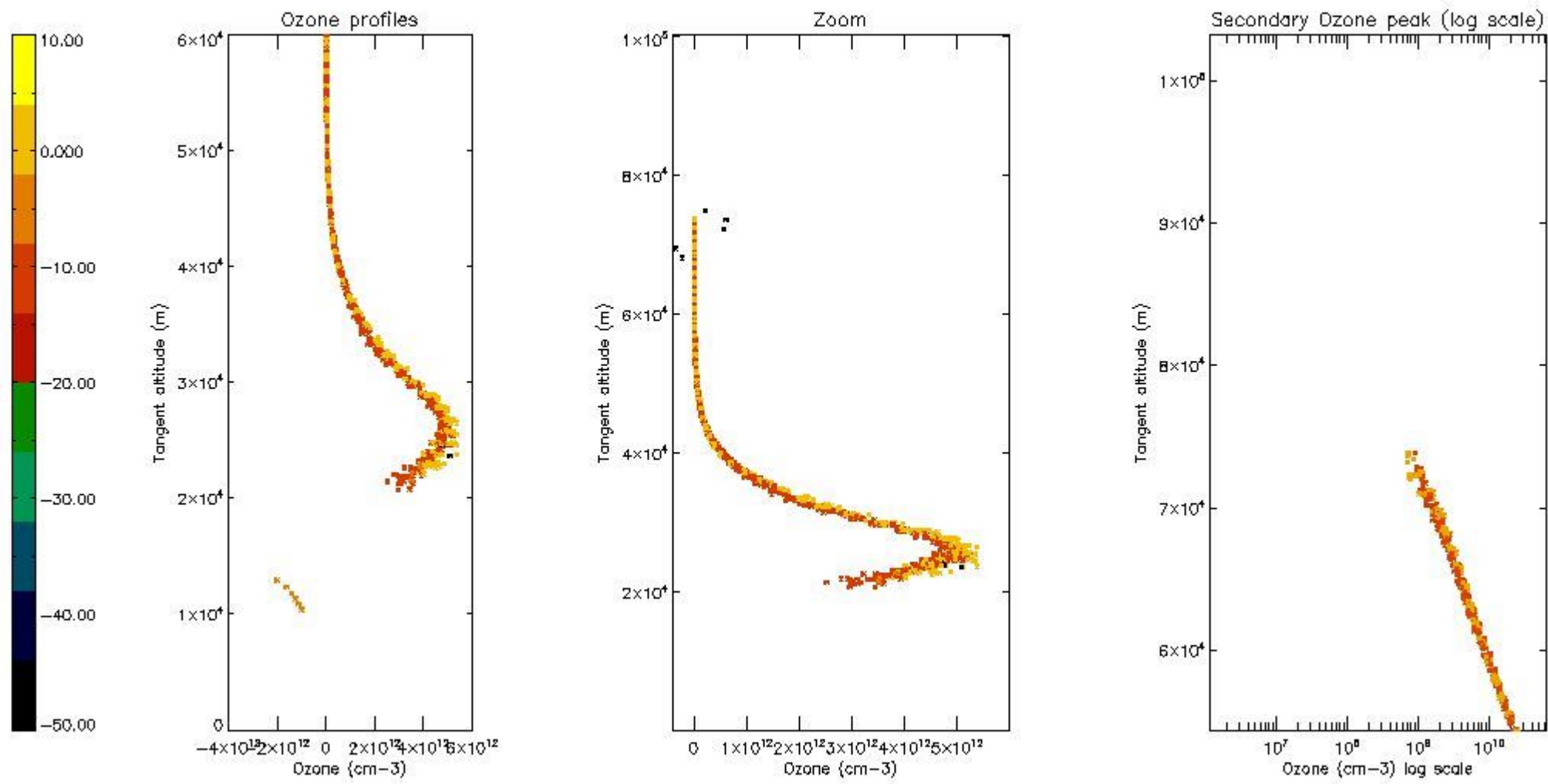
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



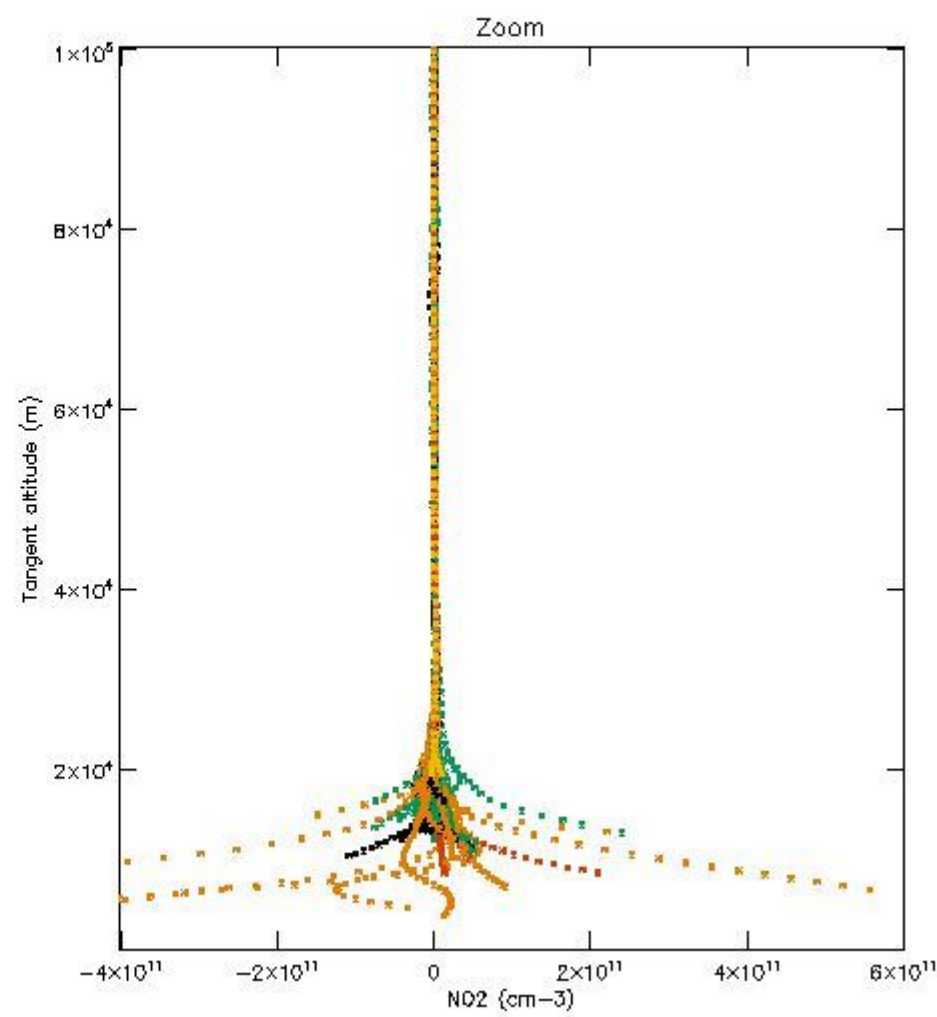
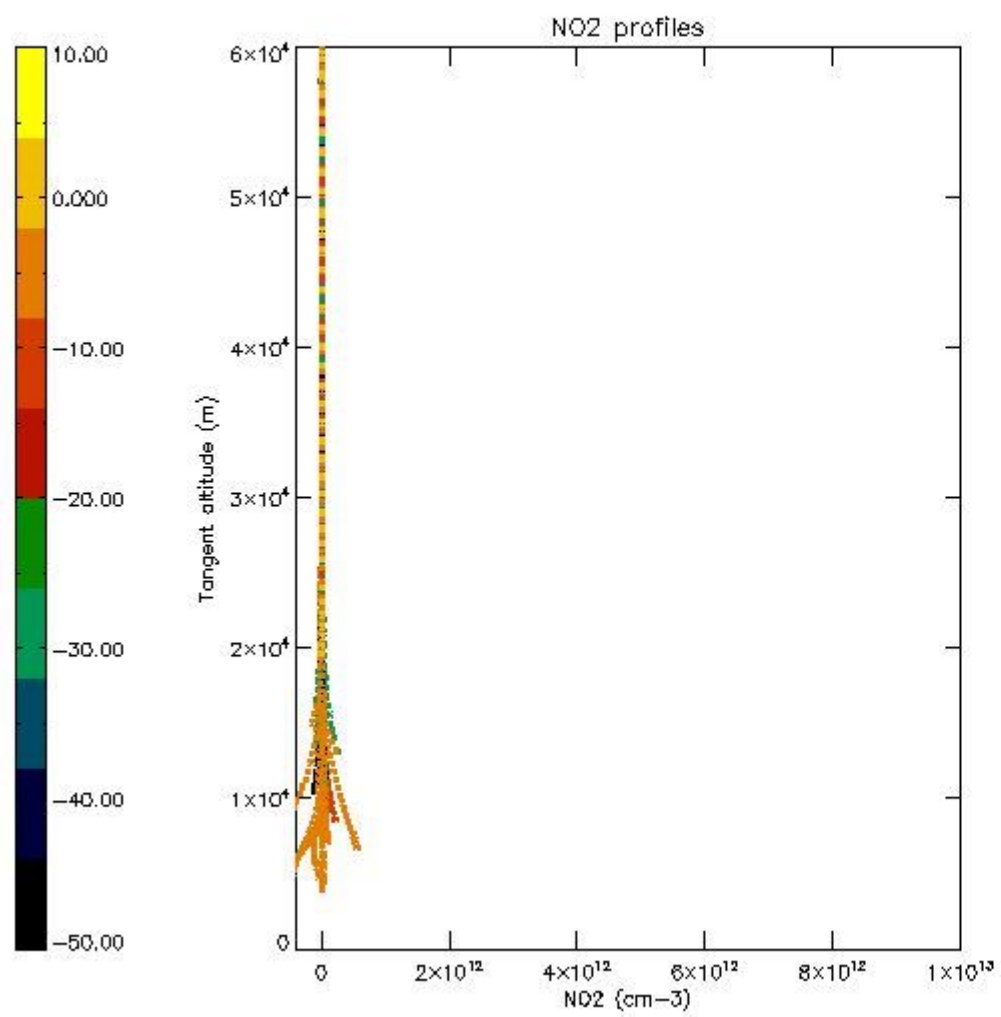
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



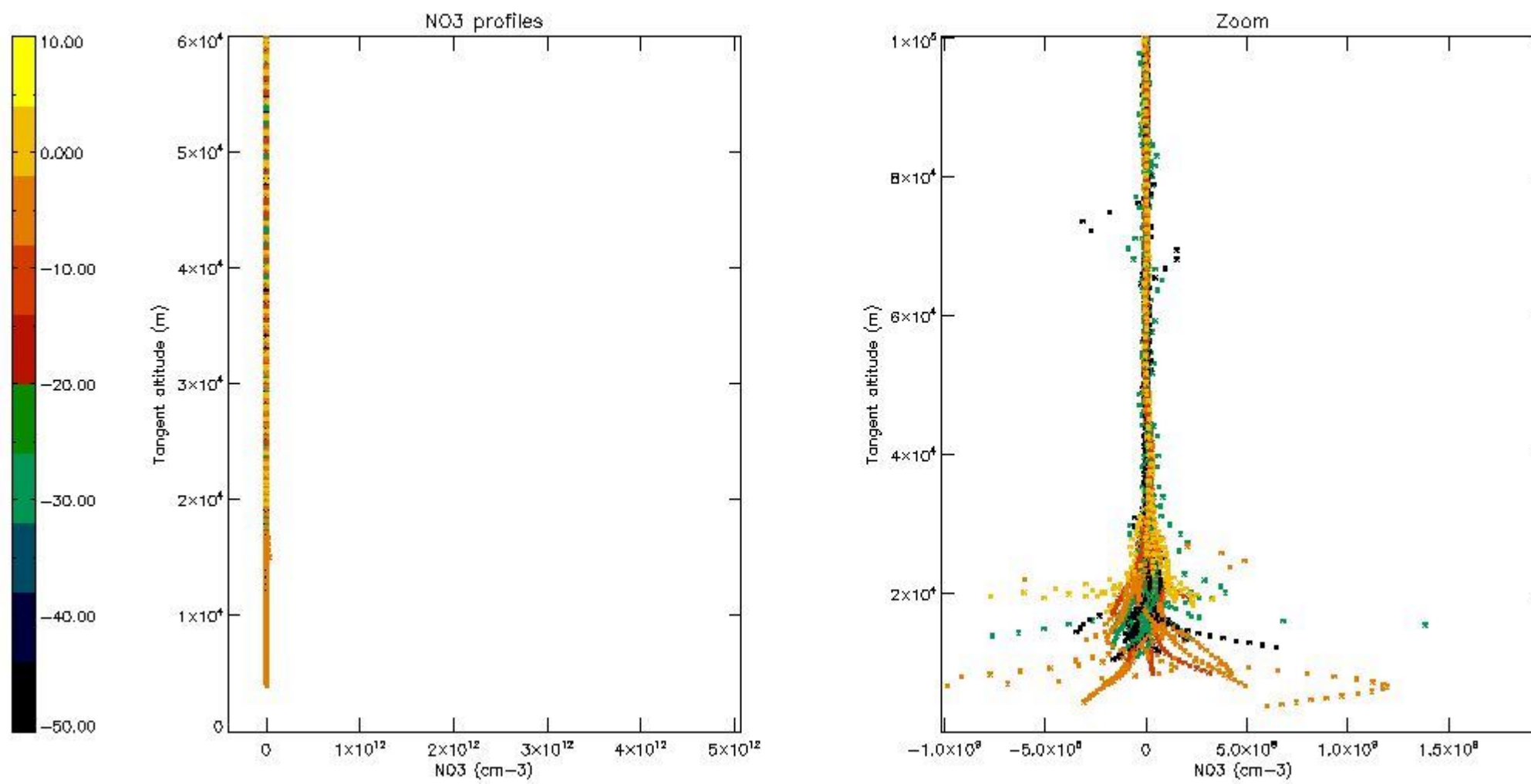
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



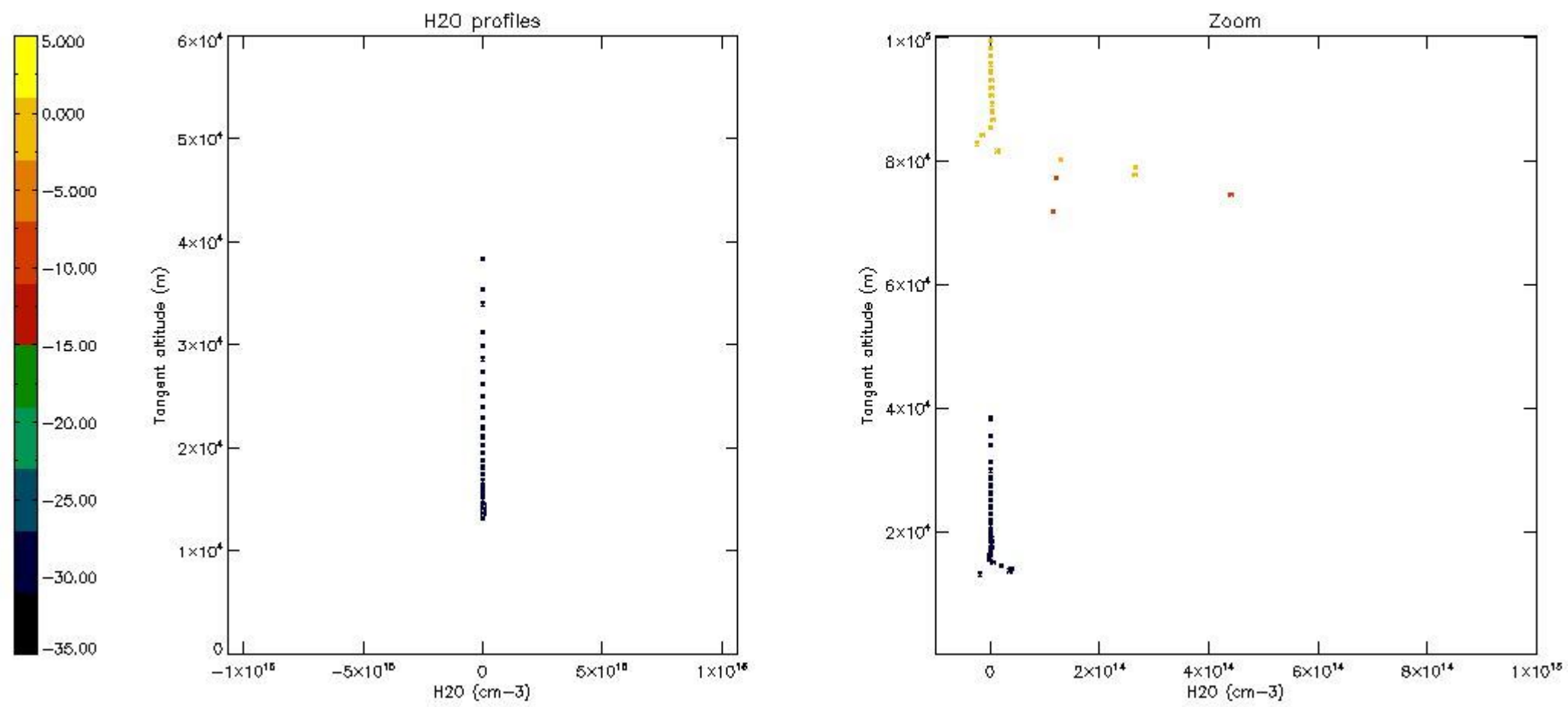
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-JUN-2008 00:00:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-JUN-2008 00:00:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-JUN-2008 00:00:07

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 15:55:12
Data source version	GOMOS/6.01
Start time of products	08-06-2008 (08JUN2008 00:00:00)
Stop time of products	09-06-2008 (09JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	300
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__2PRFIN20080608_000007_000000462069_00173_32792_6423.N1	08-JUN-2008 00:00:07	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	32792	No
2	GOM_NL__2PRFIN20080608_000326_000000722069_00174_32793_6437.N1	08-JUN-2008 00:03:26	Dark	71.500	18	24Alp PsA	1.1660	9700.0	143	32793	No
3	GOM_NL__2PRFIN20080608_000556_000000632069_00174_32793_6438.N1	08-JUN-2008 00:05:56	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	32793	No
4	GOM_NL__2PRFIN20080608_000756_000000492069_00174_32793_6439.N1	08-JUN-2008 00:07:56	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32793	No
5	GOM_NL__2PRFIN20080608_001224_000000422069_00174_32793_6440.N1	08-JUN-2008 00:12:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32793	No
6	GOM_NL__2PRFIN20080608_002105_000000452069_00174_32793_6441.N1	08-JUN-2008 00:21:05	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32793	No
7	GOM_NL__2PRFIN20080608_002250_000000462069_00174_32793_6442.N1	08-JUN-2008 00:22:50	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	32793	No
8	GOM_NL__2PRFIN20080608_002411_000000492069_00174_32793_6443.N1	08-JUN-2008 00:24:11	Twilight	48.500	167	10Gam2Sgr	2.9840	4500.0	97	32793	No
9	GOM_NL__2PRFIN20080608_002948_000000422069_00174_32793_6444.N1	08-JUN-2008 00:29:48	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	32793	No
10	GOM_NL__2PRFIN20080608_003135_000000372069_00174_32793_6445.N1	08-JUN-2008 00:31:35	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32793	No
11	GOM_NL__2PRFIN20080608_003342_000000372069_00174_32793_6446.N1	08-JUN-2008 00:33:42	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	32793	No
12	GOM_NL__2PRFIN20080608_003708_000000412069_00174_32793_6447.N1	08-JUN-2008 00:37:08	Bright	41.000	126	60Bet Oph	2.7700	4250.0	82	32793	No
13	GOM_NL__2PRFIN20080608_004119_000000382069_00174_32793_6448.N1	08-JUN-2008 00:41:19	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32793	No
14	GOM_NL__2PRFIN20080608_004432_000000402069_00174_32793_6449.N1	08-JUN-2008 00:44:32	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32793	No
15	GOM_NL__2PRFIN20080608_005143_000000382069_00174_32793_6450.N1	08-JUN-2008 00:51:43	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	32793	No
16	GOM_NL__2PRFIN20080608_010230_000000472069_00174_32793_6451.N1	08-JUN-2008 01:02:30	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32793	No
17	GOM_NL__2PRFIN20080608_010823_000000432069_00174_32793_6452.N1	08-JUN-2008 01:08:23	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	32793	No
18	GOM_NL__2PRFIN20080608_011411_000000382069_00174_32793_6453.N1	08-JUN-2008 01:14:11	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32793	No
19	GOM_NL__2PRFIN20080608_011630_000000502069_00174_32793_6454.N1	08-JUN-2008 01:16:30	Bright	50.000	53	43Bet And	2.0480	3300.0	100	32793	No
20	GOM_NL__2PRFIN20080608_011944_000000442069_00174_32793_6455.N1	08-JUN-2008 01:19:44	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	32793	No
21	GOM_NL__2PRFIN20080608_014044_000000452069_00174_32793_6456.N1	08-JUN-2008 01:40:44	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	32793	No
22	GOM_NL__2PRFIN20080608_014404_000000592069_00175_32794_6449.N1	08-JUN-2008 01:44:04	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	32794	No
23	GOM_NL__2PRFIN20080608_014633_000000622069_00175_32794_6450.N1	08-JUN-2008 01:46:33	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	32794	No
24	GOM_NL__2PRFIN20080608_014833_000000472069_00175_32794_6451.N1	08-JUN-2008 01:48:33	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32794	No
25	GOM_NL__2PRFIN20080608_015301_000000412069_00175_32794_6452.N1	08-JUN-2008 01:53:01	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32794	No
26	GOM_NL__2PRFIN20080608_020141_000000432069_00175_32794_6453.N1	08-JUN-2008 02:01:41	Straylight	42.500	40	The Sco	1.8590	7100.0	85	32794	No
27	GOM_NL__2PRFIN20080608_020327_000000442069_00175_32794_6454.N1	08-JUN-2008 02:03:27	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32794	No
28	GOM_NL__2PRFIN20080608_020448_000000502069_00175_32794_6455.N1	08-JUN-2008 02:04:48	Twilight	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32794	No
29	GOM_NL__2PRFIN20080608_021024_000000422069_00175_32794_6456.N1	08-JUN-2008 02:10:24	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	32794	No
30	GOM_NL__2PRFIN20080608_021211_000000562069_00175_32794_6457.N1	08-JUN-2008 02:12:11	Bright	56.000	98	13Zet Oph	2.5710	30000.	112	32794	No
31	GOM_NL__2PRFIN20080608_021418_000000382069_00175_32794_6458.N1	08-JUN-2008 02:14:18	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	32794	No
32	GOM_NL__2PRFIN20080608_021743_000000482069_00175_32794_6459.N1	08-JUN-2008 02:17:43	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32794	No
33	GOM_NL__2PRFIN20080608_022155_000000402069_00175_32794_6460.N1	08-JUN-2008 02:21:55	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	32794	No
34	GOM_NL__2PRFIN20080608_022508_000000392069_00175_32794_6461.N1	08-JUN-2008 02:25:08	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32794	No
35	GOM_NL__2PRFIN20080608_023218_000000502069_00175_32794_6462.N1	08-JUN-2008 02:32:18	Bright	50.000	130	23Bet Dra	2.7990	5800.0	100	32794	No
36	GOM_NL__2PRFIN20080608_024306_000000472069_00175_32794_6463.N1	08-JUN-2008 02:43:06	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32794	No
37	GOM_NL__2PRFIN20080608_024858_000000432069_00175_32794_6464.N1	08-JUN-2008 02:48:58	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	32794	No
38	GOM_NL__2PRFIN20080608_025447_000000392069_00175_32794_6465.N1	08-JUN-2008 02:54:47	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32794	No
39	GOM_NL__2PRFIN20080608_025706_000000492069_00175_32794_6466.N1	08-JUN-2008 02:57:06	Bright	49.000	53	43Bet And	2.0480	3300.0	98	32794	No
40	GOM_NL__2PRFIN20080608_030020_000000452069_00175_32794_6467.N1	08-JUN-2008 03:00:20	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32794	No
41	GOM_NL__2PRFIN20080608_031448_000000482069_00175_32794_6468.N1	08-JUN-2008 03:14:48	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32794	No
42	GOM_NL__2PRFIN20080608_032121_000000412069_00175_32794_6469.N1	08-JUN-2008 03:21:21	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32794	No

43	GOM_NL__2PRFIN20080608_032441_000000592069_00176_32795_6461.N1	08-JUN-2008 03:24:41	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	32795	No
44	GOM_NL__2PRFIN20080608_032710_000000502069_00176_32795_6462.N1	08-JUN-2008 03:27:10	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	32795	No
45	GOM_NL__2PRFIN20080608_032910_000000472069_00176_32795_6463.N1	08-JUN-2008 03:29:10	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32795	No
46	GOM_NL__2PRFIN20080608_033338_000000412069_00176_32795_6464.N1	08-JUN-2008 03:33:38	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32795	No
47	GOM_NL__2PRFIN20080608_034218_000000442069_00176_32795_6465.N1	08-JUN-2008 03:42:18	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32795	No
48	GOM_NL__2PRFIN20080608_034403_000000452069_00176_32795_6466.N1	08-JUN-2008 03:44:03	Tw_i_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32795	No
49	GOM_NL__2PRFIN20080608_034524_000000512069_00176_32795_6467.N1	08-JUN-2008 03:45:24	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	32795	No
50	GOM_NL__2PRFIN20080608_035100_000000412069_00176_32795_6468.N1	08-JUN-2008 03:51:00	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32795	No
51	GOM_NL__2PRFIN20080608_035247_000000562069_00176_32795_6469.N1	08-JUN-2008 03:52:47	Bright	56.000	98	13Zet Oph	2.5710	30000.	112	32795	No
52	GOM_NL__2PRFIN20080608_035454_000000382069_00176_32795_6470.N1	08-JUN-2008 03:54:54	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	32795	No
53	GOM_NL__2PRFIN20080608_035819_000000482069_00176_32795_6471.N1	08-JUN-2008 03:58:19	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32795	No
54	GOM_NL__2PRFIN20080608_040230_000000572069_00176_32795_6472.N1	08-JUN-2008 04:02:30	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	32795	No
55	GOM_NL__2PRFIN20080608_040543_000000412069_00176_32795_6473.N1	08-JUN-2008 04:05:43	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	32795	No
56	GOM_NL__2PRFIN20080608_041254_000000402069_00176_32795_6474.N1	08-JUN-2008 04:12:54	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32795	No
57	GOM_NL__2PRFIN20080608_042341_000000462069_00176_32795_6475.N1	08-JUN-2008 04:23:41	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32795	No
58	GOM_NL__2PRFIN20080608_042934_000000422069_00176_32795_6476.N1	08-JUN-2008 04:29:34	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	32795	No
59	GOM_NL__2PRFIN20080608_043523_000000352069_00176_32795_6477.N1	08-JUN-2008 04:35:23	Bright	35.000	73	57Gam1And	2.2600	13100.	70	32795	No
60	GOM_NL__2PRFIN20080608_043742_000000502069_00176_32795_6478.N1	08-JUN-2008 04:37:42	Bright	50.000	53	43Bet And	2.0480	3300.0	100	32795	No
61	GOM_NL__2PRFIN20080608_044056_000000462069_00176_32795_6479.N1	08-JUN-2008 04:40:56	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	32795	No
62	GOM_NL__2PRFIN20080608_045525_000000482069_00176_32795_6480.N1	08-JUN-2008 04:55:25	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	32795	No
63	GOM_NL__2PRFIN20080608_050157_000000452069_00176_32795_6481.N1	08-JUN-2008 05:01:57	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32795	No
64	GOM_NL__2PRFIN20080608_050519_000000592069_00177_32796_6475.N1	08-JUN-2008 05:05:19	Dark	58.500	18	24Alp PsA	1.1660	9700.0	117	32796	No
65	GOM_NL__2PRFIN20080608_050747_000000492069_00177_32796_6476.N1	08-JUN-2008 05:07:47	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32796	No
66	GOM_NL__2PRFIN20080608_050946_000000492069_00177_32796_6477.N1	08-JUN-2008 05:09:46	Dark	49.000	31	Alp Gru	1.7340	15200.	98	32796	No
67	GOM_NL__2PRFIN20080608_051414_000000422069_00177_32796_6478.N1	08-JUN-2008 05:14:14	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32796	No
68	GOM_NL__2PRFIN20080608_052254_000000412069_00177_32796_6479.N1	08-JUN-2008 05:22:54	Straylight	40.500	40	The Sco	1.8590	7100.0	81	32796	No
69	GOM_NL__2PRFIN20080608_052439_000000432069_00177_32796_6480.N1	08-JUN-2008 05:24:39	Tw_i_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	32796	No
70	GOM_NL__2PRFIN20080608_052600_000000482069_00177_32796_6481.N1	08-JUN-2008 05:26:00	Tw_i_and_stray	47.500	167	10Gam2Sgr	2.9840	4500.0	95	32796	No
71	GOM_NL__2PRFIN20080608_053136_000000402069_00177_32796_6482.N1	08-JUN-2008 05:31:36	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	32796	No
72	GOM_NL__2PRFIN20080608_053323_000000552069_00177_32796_6483.N1	08-JUN-2008 05:33:23	Bright	55.000	98	13Zet Oph	2.5710	30000.	110	32796	No
73	GOM_NL__2PRFIN20080608_053530_000000372069_00177_32796_6484.N1	08-JUN-2008 05:35:30	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	32796	No
74	GOM_NL__2PRFIN20080608_053855_000000522069_00177_32796_6485.N1	08-JUN-2008 05:38:55	Bright	52.000	126	60Bet Oph	2.7700	4250.0	104	32796	No
75	GOM_NL__2PRFIN20080608_054306_000000572069_00177_32796_6486.N1	08-JUN-2008 05:43:06	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	32796	No
76	GOM_NL__2PRFIN20080608_054619_000000582069_00177_32796_6487.N1	08-JUN-2008 05:46:19	Bright	58.000	133	40Zet Her	2.8070	6000.0	116	32796	No
77	GOM_NL__2PRFIN20080608_055329_000000422069_00177_32796_6488.N1	08-JUN-2008 05:53:29	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32796	No
78	GOM_NL__2PRFIN20080608_060416_000000522069_00177_32796_6489.N1	08-JUN-2008 06:04:16	Bright	52.000	89	5Alp Cep	2.4510	8000.0	104	32796	No
79	GOM_NL__2PRFIN20080608_061010_000000512069_00177_32796_6490.N1	08-JUN-2008 06:10:10	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	32796	No
80	GOM_NL__2PRFIN20080608_061559_000000542069_00177_32796_6491.N1	08-JUN-2008 06:15:59	Bright	54.000	73	57Gam1And	2.2600	13100.	108	32796	No
81	GOM_NL__2PRFIN20080608_061818_000000492069_00177_32796_6492.N1	08-JUN-2008 06:18:18	Bright	49.000	53	43Bet And	2.0480	3300.0	98	32796	No
82	GOM_NL__2PRFIN20080608_062132_000000442069_00177_32796_6493.N1	08-JUN-2008 06:21:32	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	32796	No
83	GOM_NL__2PRFIN20080608_063602_000000492069_00177_32796_6494.N1	08-JUN-2008 06:36:02	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	32796	No
84	GOM_NL__2PRFIN20080608_064234_000000472069_00177_32796_6495.N1	08-JUN-2008 06:42:34	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	32796	No
85	GOM_NL__2PRFIN20080608_064556_000000722069_00178_32797_6491.N1	08-JUN-2008 06:45:56	Dark	71.500	18	24Alp PsA	1.1660	9700.0	143	32797	No
86	GOM_NL__2PRFIN20080608_064824_000000472069_00178_32797_6492.N1	08-JUN-2008 06:48:24	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	32797	No
87	GOM_NL__2PRFIN20080608_065023_000000472069_00178_32797_6493.N1	08-JUN-2008 06:50:23	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32797	No
88	GOM_NL__2PRFIN20080608_065451_000000402069_00178_32797_6494.N1	08-JUN-2008 06:54:51	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	32797	No
89	GOM_NL__2PRFIN20080608_070330_000000422069_00178_32797_6495.N1	08-JUN-2008 07:03:30	Straylight	42.000	40	The Sco	1.8590	7100.0	84	32797	No
90	GOM_NL__2PRFIN20080608_070516_000000462069_00178_32797_6496.N1	08-JUN-2008 07:05:16	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	32797	No
91	GOM_NL__2PRFIN20080608_070637_000000502069_00178_32797_6497.N1	08-JUN-2008 07:06:37	Tw_i_and_stray	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32797	No
92	GOM_NL__2PRFIN20080608_071212_000000432069_00178_32797_6498.N1	08-JUN-2008 07:12:12	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	32797	No
93	GOM_NL__2PRFIN20080608_071359_000000362069_00178_32797_6499.N1	08-JUN-2008 07:13:59	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32797	No
94	GOM_NL__2PRFIN20080608_071606_000000372069_00178_32797_6500.N1	08-JUN-2008 07:16:06	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32797	No
95	GOM_NL__2PRFIN20080608_071930_000000492069_00178_32797_6501.N1	08-JUN-2008 07:19:30	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	32797	No
96	GOM_NL__2PRFIN20080608_072342_000000382069_00178_32797_6502.N1	08-JUN-2008 07:23:42	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32797	No
97	GOM_NL__2PRFIN20080608_072655_000000402069_00178_32797_6503.N1	08-JUN-2008 07:26:55	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	32797	No
98	GOM_NL__2PRFIN20080608_073405_000000412069_00178_32797_6504.N1	08-JUN-2008 07:34:05	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	32797	No
99	GOM_NL__2PRFIN20080608_074452_000000572069_00178_32797_6505.N1	08-JUN-2008 07:44:52	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	32797	No
100	GOM_NL__2PRFIN20080608_075046_000000382069_00178_32797_6506.N1	08-JUN-2008 07:50:46	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32797	No
101	GOM_NL__2PRFIN20080608_075635_000000412069_00178_32797_6507.N1	08-JUN-2008 07:56:35	Bright	41.000	73	57Gam1And	2.2600	13100.	82	32797	No

102	GOM_NL__2PRFIN20080608_075854_000000552069_00178_32797_6508.N1	08-JUN-2008 07:58:54	Bright	54.500	53	43Bet And	2.0480	3300.0	109	32797	No
103	GOM_NL__2PRFIN20080608_080209_000000442069_00178_32797_6509.N1	08-JUN-2008 08:02:09	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	32797	No
104	GOM_NL__2PRFIN20080608_081639_000000512069_00178_32797_6510.N1	08-JUN-2008 08:16:39	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32797	No
105	GOM_NL__2PRFIN20080608_082311_000000452069_00178_32797_6511.N1	08-JUN-2008 08:23:11	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32797	No
106	GOM_NL__2PRFIN20080608_082634_000000632069_00179_32798_6510.N1	08-JUN-2008 08:26:34	Dark	63.000	18	24Alp PsA	1.1660	9700.0	126	32798	No
107	GOM_NL__2PRFIN20080608_082901_000000592069_00179_32798_6511.N1	08-JUN-2008 08:29:01	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	32798	No
108	GOM_NL__2PRFIN20080608_083100_000000472069_00179_32798_6512.N1	08-JUN-2008 08:31:00	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32798	No
109	GOM_NL__2PRFIN20080608_083527_000000442069_00179_32798_6513.N1	08-JUN-2008 08:35:27	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	32798	No
110	GOM_NL__2PRFIN20080608_084407_000000432069_00179_32798_6514.N1	08-JUN-2008 08:44:07	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32798	No
111	GOM_NL__2PRFIN20080608_084552_000000432069_00179_32798_6515.N1	08-JUN-2008 08:45:52	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32798	No
112	GOM_NL__2PRFIN20080608_084713_000000492069_00179_32798_6516.N1	08-JUN-2008 08:47:13	Tw_i_and_stray	49.000	167	10Gam2Sgr	2.9840	4500.0	98	32798	No
113	GOM_NL__2PRFIN20080608_085248_000000422069_00179_32798_6517.N1	08-JUN-2008 08:52:48	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32798	No
114	GOM_NL__2PRFIN20080608_085435_000000382069_00179_32798_6518.N1	08-JUN-2008 08:54:35	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32798	No
115	GOM_NL__2PRFIN20080608_085642_000000372069_00179_32798_6519.N1	08-JUN-2008 08:56:42	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32798	No
116	GOM_NL__2PRFIN20080608_090006_000000492069_00179_32798_6520.N1	08-JUN-2008 09:00:06	Bright	49.000	126	60Bet Oph	2.7700	4250.0	98	32798	No
117	GOM_NL__2PRFIN20080608_090418_000000382069_00179_32798_6521.N1	08-JUN-2008 09:04:18	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32798	No
118	GOM_NL__2PRFIN20080608_090730_000000422069_00179_32798_6522.N1	08-JUN-2008 09:07:30	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	32798	No
119	GOM_NL__2PRFIN20080608_091440_000000422069_00179_32798_6523.N1	08-JUN-2008 09:14:40	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32798	No
120	GOM_NL__2PRFIN20080608_092527_000000472069_00179_32798_6524.N1	08-JUN-2008 09:25:27	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32798	No
121	GOM_NL__2PRFIN20080608_093122_000000372069_00179_32798_6525.N1	08-JUN-2008 09:31:22	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32798	No
122	GOM_NL__2PRFIN20080608_093711_000000382069_00179_32798_6526.N1	08-JUN-2008 09:37:11	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32798	No
123	GOM_NL__2PRFIN20080608_093930_000000612069_00179_32798_6527.N1	08-JUN-2008 09:39:30	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32798	No
124	GOM_NL__2PRFIN20080608_094245_000000462069_00179_32798_6528.N1	08-JUN-2008 09:42:45	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	32798	No
125	GOM_NL__2PRFIN20080608_095715_000000512069_00179_32798_6529.N1	08-JUN-2008 09:57:15	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32798	No
126	GOM_NL__2PRFIN20080608_100347_000000442069_00179_32798_6530.N1	08-JUN-2008 10:03:47	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32798	No
127	GOM_NL__2PRFIN20080608_100711_000000652069_00180_32799_6535.N1	08-JUN-2008 10:07:11	Dark	64.500	18	24Alp PsA	1.1660	9700.0	129	32799	No
128	GOM_NL__2PRFIN20080608_100937_000000512069_00180_32799_6536.N1	08-JUN-2008 10:09:37	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32799	No
129	GOM_NL__2PRFIN20080608_101137_000000472069_00180_32799_6537.N1	08-JUN-2008 10:11:37	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32799	No
130	GOM_NL__2PRFIN20080608_101604_000000412069_00180_32799_6538.N1	08-JUN-2008 10:16:04	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32799	No
131	GOM_NL__2PRFIN20080608_102443_000000462069_00180_32799_6539.N1	08-JUN-2008 10:24:43	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32799	No
132	GOM_NL__2PRFIN20080608_102628_000000462069_00180_32799_6540.N1	08-JUN-2008 10:26:28	Tw_i_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	32799	No
133	GOM_NL__2PRFIN20080608_102749_000000512069_00180_32799_6541.N1	08-JUN-2008 10:27:49	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	32799	No
134	GOM_NL__2PRFIN20080608_103324_000000412069_00180_32799_6542.N1	08-JUN-2008 10:33:24	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	32799	No
135	GOM_NL__2PRFIN20080608_103511_000000392069_00180_32799_6543.N1	08-JUN-2008 10:35:11	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32799	No
136	GOM_NL__2PRFIN20080608_103718_000000372069_00180_32799_6544.N1	08-JUN-2008 10:37:18	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32799	No
137	GOM_NL__2PRFIN20080608_104041_000000482069_00180_32799_6545.N1	08-JUN-2008 10:40:41	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	32799	No
138	GOM_NL__2PRFIN20080608_104453_000000392069_00180_32799_6546.N1	08-JUN-2008 10:44:53	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32799	No
139	GOM_NL__2PRFIN20080608_104806_000000392069_00180_32799_6547.N1	08-JUN-2008 10:48:06	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32799	No
140	GOM_NL__2PRFIN20080608_105515_000000422069_00180_32799_6548.N1	08-JUN-2008 10:55:15	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32799	No
141	GOM_NL__2PRFIN20080608_110602_000000482069_00180_32799_6549.N1	08-JUN-2008 11:06:02	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	32799	No
142	GOM_NL__2PRFIN20080608_111157_000000372069_00180_32799_6550.N1	08-JUN-2008 11:11:57	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32799	No
143	GOM_NL__2PRFIN20080608_111747_000000372069_00180_32799_6551.N1	08-JUN-2008 11:17:47	Bright	37.000	73	57Gam1And	2.2600	13100.	74	32799	No
144	GOM_NL__2PRFIN20080608_112006_000000612069_00180_32799_6552.N1	08-JUN-2008 11:20:06	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32799	No
145	GOM_NL__2PRFIN20080608_112321_000000442069_00180_32799_6553.N1	08-JUN-2008 11:23:21	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	32799	No
146	GOM_NL__2PRFIN20080608_113752_000000512069_00180_32799_6554.N1	08-JUN-2008 11:37:52	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32799	No
147	GOM_NL__2PRFIN20080608_114424_000000422069_00180_32799_6555.N1	08-JUN-2008 11:44:24	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32799	No
148	GOM_NL__2PRFIN20080608_114748_000000752069_00181_32800_6548.N1	08-JUN-2008 11:47:48	Dark	74.500	18	24Alp PsA	1.1660	9700.0	149	32800	No
149	GOM_NL__2PRFIN20080608_115014_000000492069_00181_32800_6549.N1	08-JUN-2008 11:50:14	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32800	No
150	GOM_NL__2PRFIN20080608_115214_000000472069_00181_32800_6550.N1	08-JUN-2008 11:52:14	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32800	No
151	GOM_NL__2PRFIN20080608_115640_000000422069_00181_32800_6551.N1	08-JUN-2008 11:56:40	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32800	No
152	GOM_NL__2PRFIN20080608_120519_000000442069_00181_32800_6552.N1	08-JUN-2008 12:05:19	Straylight	44.000	40	The Sco	1.8590	7100.0	88	32800	No
153	GOM_NL__2PRFIN20080608_120704_000000472069_00181_32800_6553.N1	08-JUN-2008 12:07:04	Tw_i_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	32800	No
154	GOM_NL__2PRFIN20080608_120825_000000502069_00181_32800_6554.N1	08-JUN-2008 12:08:25	Tw_i_and_stray	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32800	No
155	GOM_NL__2PRFIN20080608_121400_000000422069_00181_32800_6555.N1	08-JUN-2008 12:14:00	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32800	No
156	GOM_NL__2PRFIN20080608_121547_000000382069_00181_32800_6556.N1	08-JUN-2008 12:15:47	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32800	No
157	GOM_NL__2PRFIN20080608_121754_000000372069_00181_32800_6557.N1	08-JUN-2008 12:17:54	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32800	No
158	GOM_NL__2PRFIN20080608_122117_000000492069_00181_32800_6558.N1	08-JUN-2008 12:21:17	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	32800	No
159	GOM_NL__2PRFIN20080608_122529_000000372069_00181_32800_6559.N1	08-JUN-2008 12:25:29	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32800	No
160	GOM_NL__2PRFIN20080608_122842_000000392069_00181_32800_6560.N1	08-JUN-2008 12:28:42	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32800	No

161	GOM_NL__2PRFIN20080608_123551_000000412069_00181_32800_6561.N1	08-JUN-2008 12:35:51	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	32800	No
162	GOM_NL__2PRFIN20080608_124637_000000482069_00181_32800_6562.N1	08-JUN-2008 12:46:37	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	32800	No
163	GOM_NL__2PRFIN20080608_125233_000000372069_00181_32800_6563.N1	08-JUN-2008 12:52:33	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	32800	No
164	GOM_NL__2PRFIN20080608_125823_000000542069_00181_32800_6564.N1	08-JUN-2008 12:58:23	Bright	54.000	73	57Gam1And	2.2600	13100.	108	32800	No
165	GOM_NL__2PRFIN20080608_130042_000000512069_00181_32800_6565.N1	08-JUN-2008 13:00:42	Bright	51.000	53	43Bet And	2.0480	3300.0	102	32800	No
166	GOM_NL__2PRFIN20080608_130357_000000462069_00181_32800_6566.N1	08-JUN-2008 13:03:57	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	32800	No
167	GOM_NL__2PRFIN20080608_131829_000000512069_00181_32800_6567.N1	08-JUN-2008 13:18:29	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	32800	No
168	GOM_NL__2PRFIN20080608_132500_000000422069_00181_32800_6568.N1	08-JUN-2008 13:25:00	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	32800	No
169	GOM_NL__2PRFIN20080608_133051_000000462069_00182_32801_6563.N1	08-JUN-2008 13:30:51	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	32801	No
170	GOM_NL__2PRFIN20080608_133251_000000472069_00182_32801_6564.N1	08-JUN-2008 13:32:51	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32801	No
171	GOM_NL__2PRFIN20080608_133717_000000432069_00182_32801_6565.N1	08-JUN-2008 13:37:17	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32801	No
172	GOM_NL__2PRFIN20080608_134555_000000452069_00182_32801_6566.N1	08-JUN-2008 13:45:55	Straylight	45.000	40	The Sco	1.8590	7100.0	90	32801	No
173	GOM_NL__2PRFIN20080608_134741_000000452069_00182_32801_6567.N1	08-JUN-2008 13:47:41	Tw_i_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32801	No
174	GOM_NL__2PRFIN20080608_134902_000000512069_00182_32801_6568.N1	08-JUN-2008 13:49:02	Tw_i_and_stray	50.500	167	10Gam2Sgr	2.9840	4500.0	101	32801	No
175	GOM_NL__2PRFIN20080608_135436_000000422069_00182_32801_6569.N1	08-JUN-2008 13:54:36	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32801	No
176	GOM_NL__2PRFIN20080608_135623_000000392069_00182_32801_6570.N1	08-JUN-2008 13:56:23	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32801	No
177	GOM_NL__2PRFIN20080608_135830_000000372069_00182_32801_6571.N1	08-JUN-2008 13:58:30	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32801	No
178	GOM_NL__2PRFIN20080608_140152_000000492069_00182_32801_6572.N1	08-JUN-2008 14:01:52	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	32801	No
179	GOM_NL__2PRFIN20080608_140605_000000542069_00182_32801_6573.N1	08-JUN-2008 14:06:05	Bright	53.500	127	27Bet Her	2.7810	4700.0	107	32801	No
180	GOM_NL__2PRFIN20080608_140917_000000392069_00182_32801_6574.N1	08-JUN-2008 14:09:17	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32801	No
181	GOM_NL__2PRFIN20080608_141626_000000422069_00182_32801_6575.N1	08-JUN-2008 14:16:26	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32801	No
182	GOM_NL__2PRFIN20080608_142713_000000462069_00182_32801_6576.N1	08-JUN-2008 14:27:13	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32801	No
183	GOM_NL__2PRFIN20080608_143309_000000412069_00182_32801_6577.N1	08-JUN-2008 14:33:09	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32801	No
184	GOM_NL__2PRFIN20080608_143859_000000382069_00182_32801_6578.N1	08-JUN-2008 14:38:59	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32801	No
185	GOM_NL__2PRFIN20080608_144118_000000532069_00182_32801_6579.N1	08-JUN-2008 14:41:18	Bright	53.000	53	43Bet And	2.0480	3300.0	106	32801	No
186	GOM_NL__2PRFIN20080608_144433_000000432069_00182_32801_6580.N1	08-JUN-2008 14:44:33	Twilight	43.000	50	13Alp Ari	2.0070	4250.0	86	32801	No
187	GOM_NL__2PRFIN20080608_145905_000000482069_00182_32801_6581.N1	08-JUN-2008 14:59:05	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32801	No
188	GOM_NL__2PRFIN20080608_150537_000000482069_00182_32801_6582.N1	08-JUN-2008 15:05:37	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	32801	No
189	GOM_NL__2PRFIN20080608_151128_000000472069_00183_32802_6573.N1	08-JUN-2008 15:11:28	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32802	No
190	GOM_NL__2PRFIN20080608_151328_000000482069_00183_32802_6574.N1	08-JUN-2008 15:13:28	Dark	48.000	31	Alp Gru	1.7340	15200.	96	32802	No
191	GOM_NL__2PRFIN20080608_151754_000000422069_00183_32802_6575.N1	08-JUN-2008 15:17:54	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32802	No
192	GOM_NL__2PRFIN20080608_152632_000000412069_00183_32802_6576.N1	08-JUN-2008 15:26:32	Straylight	41.000	40	The Sco	1.8590	7100.0	82	32802	No
193	GOM_NL__2PRFIN20080608_152817_000000452069_00183_32802_6577.N1	08-JUN-2008 15:28:17	Tw_i_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32802	No
194	GOM_NL__2PRFIN20080608_152938_000000512069_00183_32802_6578.N1	08-JUN-2008 15:29:38	Tw_i_and_stray	50.500	167	10Gam2Sgr	2.9840	4500.0	101	32802	No
195	GOM_NL__2PRFIN20080608_153512_000000422069_00183_32802_6579.N1	08-JUN-2008 15:35:12	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32802	No
196	GOM_NL__2PRFIN20080608_153659_000000382069_00183_32802_6580.N1	08-JUN-2008 15:36:59	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32802	No
197	GOM_NL__2PRFIN20080608_153906_000000372069_00183_32802_6581.N1	08-JUN-2008 15:39:06	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	32802	No
198	GOM_NL__2PRFIN20080608_154228_000000502069_00183_32802_6582.N1	08-JUN-2008 15:42:28	Bright	50.000	126	60Bet Oph	2.7700	4250.0	100	32802	No
199	GOM_NL__2PRFIN20080608_154641_000000572069_00183_32802_6583.N1	08-JUN-2008 15:46:41	Bright	57.000	127	27Bet Her	2.7810	4700.0	114	32802	No
200	GOM_NL__2PRFIN20080608_154953_000000392069_00183_32802_6584.N1	08-JUN-2008 15:49:53	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32802	No
201	GOM_NL__2PRFIN20080608_155702_000000412069_00183_32802_6585.N1	08-JUN-2008 15:57:02	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32802	No
202	GOM_NL__2PRFIN20080608_160748_000000472069_00183_32802_6586.N1	08-JUN-2008 16:07:48	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32802	No
203	GOM_NL__2PRFIN20080608_161345_000000372069_00183_32802_6587.N1	08-JUN-2008 16:13:45	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32802	No
204	GOM_NL__2PRFIN20080608_161935_000000412069_00183_32802_6588.N1	08-JUN-2008 16:19:35	Bright	40.500	73	57Gam1And	2.2600	13100.	81	32802	No
205	GOM_NL__2PRFIN20080608_162154_000000612069_00183_32802_6589.N1	08-JUN-2008 16:21:54	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32802	No
206	GOM_NL__2PRFIN20080608_162509_000000452069_00183_32802_6590.N1	08-JUN-2008 16:25:09	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	32802	No
207	GOM_NL__2PRFIN20080608_163942_000000542069_00183_32802_6591.N1	08-JUN-2008 16:39:42	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32802	No
208	GOM_NL__2PRFIN20080608_164614_000000472069_00183_32802_6592.N1	08-JUN-2008 16:46:14	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	32802	No
209	GOM_NL__2PRFIN20080608_164941_000000582069_00184_32803_6591.N1	08-JUN-2008 16:49:41	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	32803	No
210	GOM_NL__2PRFIN20080608_165205_000000632069_00184_32803_6592.N1	08-JUN-2008 16:52:05	Dark	63.000	63	Bet Gru	2.1500	2800.0	126	32803	No
211	GOM_NL__2PRFIN20080608_165405_000000462069_00184_32803_6593.N1	08-JUN-2008 16:54:05	Dark	46.000	31	Alp Gru	1.7340	15200.	92	32803	No
212	GOM_NL__2PRFIN20080608_165830_000000432069_00184_32803_6594.N1	08-JUN-2008 16:58:30	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32803	No
213	GOM_NL__2PRFIN20080608_170708_000000442069_00184_32803_6595.N1	08-JUN-2008 17:07:08	Straylight	43.500	40	The Sco	1.8590	7100.0	87	32803	No
214	GOM_NL__2PRFIN20080608_170853_000000442069_00184_32803_6596.N1	08-JUN-2008 17:08:53	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32803	No
215	GOM_NL__2PRFIN20080608_171014_000000512069_00184_32803_6597.N1	08-JUN-2008 17:10:14	Tw_i_and_stray	51.000	167	10Gam2Sgr	2.9840	4500.0	102	32803	No
216	GOM_NL__2PRFIN20080608_171548_000000422069_00184_32803_6598.N1	08-JUN-2008 17:15:48	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32803	No
217	GOM_NL__2PRFIN20080608_171735_000000392069_00184_32803_6599.N1	08-JUN-2008 17:17:35	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32803	No
218	GOM_NL__2PRFIN20080608_171944_000000352069_00184_32803_6600.N1	08-JUN-2008 17:19:44	Bright	34.500	120	1Del Oph	2.7340	3200.0	69	32803	No
219	GOM_NL__2PRFIN20080608_172303_000000502069_00184_32803_6601.N1	08-JUN-2008 17:23:03	Bright	49.500	126	60Bet Oph	2.7700	4250.0	99	32803	No

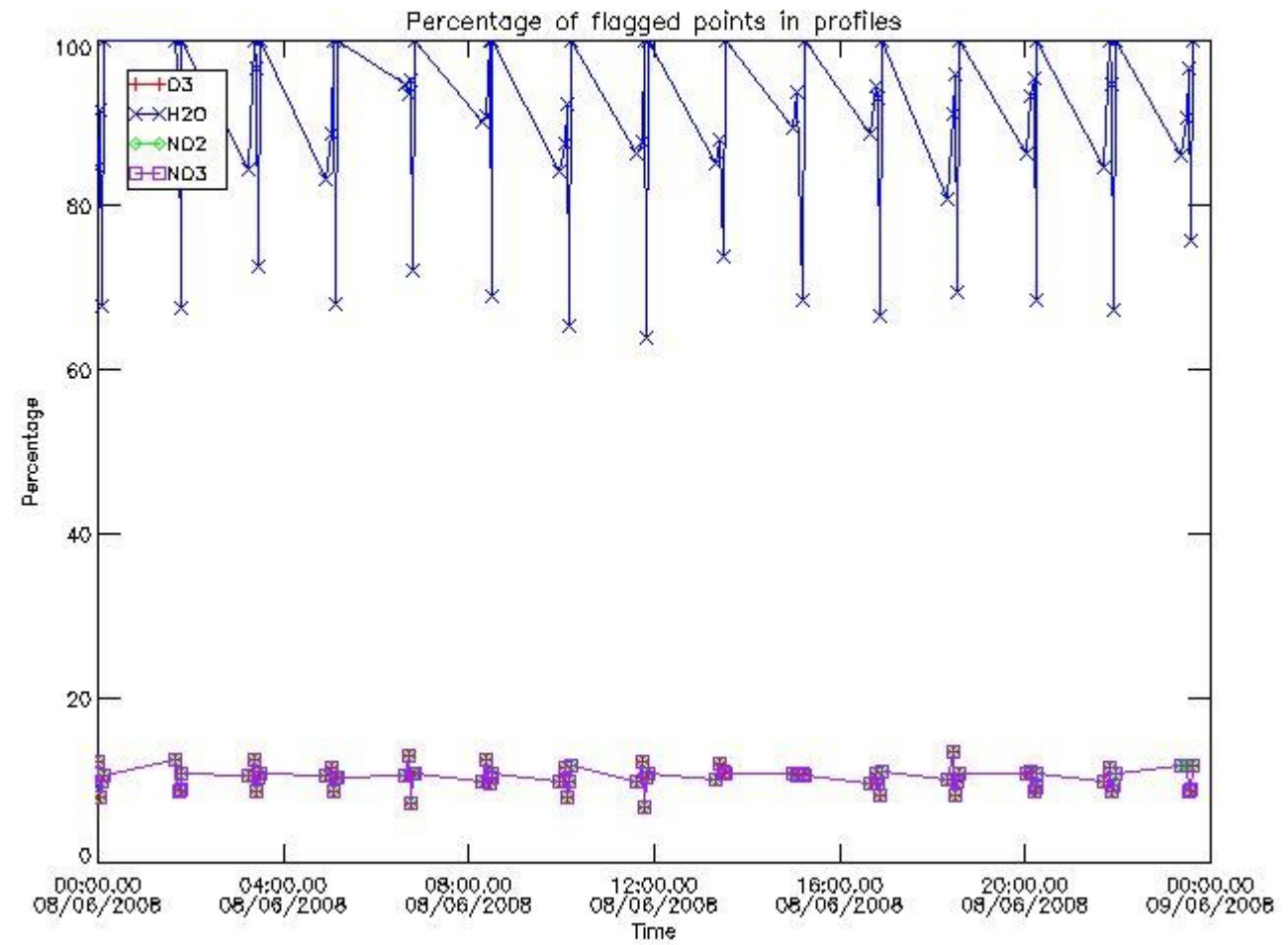
220	GOM_NL__2PRFIN20080608_172716_000000402069_00184_32803_6602.N1	08-JUN-2008 17:27:16	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	32803	No
221	GOM_NL__2PRFIN20080608_173028_000000402069_00184_32803_6603.N1	08-JUN-2008 17:30:28	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	32803	No
222	GOM_NL__2PRFIN20080608_173737_000000422069_00184_32803_6604.N1	08-JUN-2008 17:37:37	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	32803	No
223	GOM_NL__2PRFIN20080608_174823_000000482069_00184_32803_6605.N1	08-JUN-2008 17:48:23	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	32803	No
224	GOM_NL__2PRFIN20080608_175421_000000562069_00184_32803_6606.N1	08-JUN-2008 17:54:21	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	32803	No
225	GOM_NL__2PRFIN20080608_180011_000000362069_00184_32803_6607.N1	08-JUN-2008 18:00:11	Bright	35.500	73	57Gam1And	2.2600	13100.	71	32803	No
226	GOM_NL__2PRFIN20080608_180230_000000532069_00184_32803_6608.N1	08-JUN-2008 18:02:30	Bright	53.000	53	43Bet And	2.0480	3300.0	106	32803	No
227	GOM_NL__2PRFIN20080608_180545_000000452069_00184_32803_6609.N1	08-JUN-2008 18:05:45	Twilight	45.000	50	13Alp Ari	2.0070	4250.0	90	32803	No
228	GOM_NL__2PRFIN20080608_182019_000000502069_00184_32803_6610.N1	08-JUN-2008 18:20:19	Dark	50.000	52	16Bet Cet	2.0370	4500.0	100	32803	No
229	GOM_NL__2PRFIN20080608_182650_000000462069_00184_32803_6611.N1	08-JUN-2008 18:26:50	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32803	No
230	GOM_NL__2PRFIN20080608_183018_000000622069_00185_32804_6610.N1	08-JUN-2008 18:30:18	Dark	61.500	18	24Alp PsA	1.1660	9700.0	123	32804	No
231	GOM_NL__2PRFIN20080608_183242_000000512069_00185_32804_6611.N1	08-JUN-2008 18:32:42	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32804	No
232	GOM_NL__2PRFIN20080608_183442_000000472069_00185_32804_6612.N1	08-JUN-2008 18:34:42	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32804	No
233	GOM_NL__2PRFIN20080608_183907_000000422069_00185_32804_6613.N1	08-JUN-2008 18:39:07	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32804	No
234	GOM_NL__2PRFIN20080608_184744_000000462069_00185_32804_6614.N1	08-JUN-2008 18:47:44	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32804	No
235	GOM_NL__2PRFIN20080608_184930_000000432069_00185_32804_6615.N1	08-JUN-2008 18:49:30	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32804	No
236	GOM_NL__2PRFIN20080608_185051_000000482069_00185_32804_6616.N1	08-JUN-2008 18:50:51	Twi_and_stray	47.500	167	10Gam2Sgr	2.9840	4500.0	95	32804	No
237	GOM_NL__2PRFIN20080608_185624_000000412069_00185_32804_6617.N1	08-JUN-2008 18:56:24	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	32804	No
238	GOM_NL__2PRFIN20080608_185811_000000382069_00185_32804_6618.N1	08-JUN-2008 18:58:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32804	No
239	GOM_NL__2PRFIN20080608_190339_000000492069_00185_32804_6619.N1	08-JUN-2008 19:03:39	Bright	48.500	126	60Bet Oph	2.7700	4250.0	97	32804	No
240	GOM_NL__2PRFIN20080608_190752_000000402069_00185_32804_6620.N1	08-JUN-2008 19:07:52	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	32804	No
241	GOM_NL__2PRFIN20080608_191104_000000422069_00185_32804_6621.N1	08-JUN-2008 19:11:04	Bright	41.500	133	40Zet Her	2.8070	6000.0	83	32804	No
242	GOM_NL__2PRFIN20080608_191813_000000432069_00185_32804_6622.N1	08-JUN-2008 19:18:13	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	32804	No
243	GOM_NL__2PRFIN20080608_192859_000000472069_00185_32804_6623.N1	08-JUN-2008 19:28:59	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32804	No
244	GOM_NL__2PRFIN20080608_193456_000000442069_00185_32804_6624.N1	08-JUN-2008 19:34:56	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	32804	No
245	GOM_NL__2PRFIN20080608_194047_000000472069_00185_32804_6625.N1	08-JUN-2008 19:40:47	Bright	46.500	73	57Gam1And	2.2600	13100.	93	32804	No
246	GOM_NL__2PRFIN20080608_194306_000000612069_00185_32804_6626.N1	08-JUN-2008 19:43:06	Bright	61.000	53	43Bet And	2.0480	3300.0	122	32804	No
247	GOM_NL__2PRFIN20080608_194622_000000472069_00185_32804_6627.N1	08-JUN-2008 19:46:22	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32804	No
248	GOM_NL__2PRFIN20080608_200056_000000482069_00185_32804_6628.N1	08-JUN-2008 20:00:56	Dark	47.500	52	16Bet Cet	2.0370	4500.0	95	32804	No
249	GOM_NL__2PRFIN20080608_200727_000000462069_00185_32804_6629.N1	08-JUN-2008 20:07:27	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32804	No
250	GOM_NL__2PRFIN20080608_201056_000000652069_00186_32805_6622.N1	08-JUN-2008 20:10:56	Dark	65.000	18	24Alp PsA	1.1660	9700.0	130	32805	No
251	GOM_NL__2PRFIN20080608_201319_000000562069_00186_32805_6623.N1	08-JUN-2008 20:13:19	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32805	No
252	GOM_NL__2PRFIN20080608_201519_000000482069_00186_32805_6624.N1	08-JUN-2008 20:15:19	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32805	No
253	GOM_NL__2PRFIN20080608_201944_000000412069_00186_32805_6625.N1	08-JUN-2008 20:19:44	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	32805	No
254	GOM_NL__2PRFIN20080608_202821_000000472069_00186_32805_6626.N1	08-JUN-2008 20:28:21	Straylight	46.500	40	The Sco	1.8590	7100.0	93	32805	No
255	GOM_NL__2PRFIN20080608_203006_000000452069_00186_32805_6627.N1	08-JUN-2008 20:30:06	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32805	No
256	GOM_NL__2PRFIN20080608_203127_000000502069_00186_32805_6628.N1	08-JUN-2008 20:31:27	Twi_and_stray	49.500	167	10Gam2Sgr	2.9840	4500.0	99	32805	No
257	GOM_NL__2PRFIN20080608_203700_000000422069_00186_32805_6629.N1	08-JUN-2008 20:37:00	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32805	No
258	GOM_NL__2PRFIN20080608_203847_000000392069_00186_32805_6630.N1	08-JUN-2008 20:38:47	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	32805	No
259	GOM_NL__2PRFIN20080608_204414_000000482069_00186_32805_6631.N1	08-JUN-2008 20:44:14	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32805	No
260	GOM_NL__2PRFIN20080608_204828_000000402069_00186_32805_6632.N1	08-JUN-2008 20:48:28	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	32805	No
261	GOM_NL__2PRFIN20080608_205140_000000392069_00186_32805_6633.N1	08-JUN-2008 20:51:40	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32805	No
262	GOM_NL__2PRFIN20080608_205848_000000612069_00186_32805_6634.N1	08-JUN-2008 20:58:48	Bright	61.000	130	23Bet Dra	2.7990	5800.0	122	32805	No
263	GOM_NL__2PRFIN20080608_210934_000000442069_00186_32805_6635.N1	08-JUN-2008 21:09:34	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	32805	No
264	GOM_NL__2PRFIN20080608_211532_000000492069_00186_32805_6636.N1	08-JUN-2008 21:15:32	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	32805	No
265	GOM_NL__2PRFIN20080608_212123_000000382069_00186_32805_6637.N1	08-JUN-2008 21:21:23	Bright	37.500	73	57Gam1And	2.2600	13100.	75	32805	No
266	GOM_NL__2PRFIN20080608_212342_000000502069_00186_32805_6638.N1	08-JUN-2008 21:23:42	Bright	49.500	53	43Bet And	2.0480	3300.0	99	32805	No
267	GOM_NL__2PRFIN20080608_212658_000000422069_00186_32805_6639.N1	08-JUN-2008 21:26:58	Twilight	41.500	50	13Alp Ari	2.0070	4250.0	83	32805	No
268	GOM_NL__2PRFIN20080608_214133_000000522069_00186_32805_6640.N1	08-JUN-2008 21:41:33	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	32805	No
269	GOM_NL__2PRFIN20080608_214803_000000452069_00186_32805_6641.N1	08-JUN-2008 21:48:03	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	32805	No
270	GOM_NL__2PRFIN20080608_215133_000000582069_00187_32806_6636.N1	08-JUN-2008 21:51:33	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	32806	No
271	GOM_NL__2PRFIN20080608_215355_000000542069_00187_32806_6637.N1	08-JUN-2008 21:53:55	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	32806	No
272	GOM_NL__2PRFIN20080608_215556_000000472069_00187_32806_6638.N1	08-JUN-2008 21:55:56	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32806	No
273	GOM_NL__2PRFIN20080608_220020_000000422069_00187_32806_6639.N1	08-JUN-2008 22:00:20	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32806	No
274	GOM_NL__2PRFIN20080608_220857_000000452069_00187_32806_6640.N1	08-JUN-2008 22:08:57	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32806	No
275	GOM_NL__2PRFIN20080608_221042_000000452069_00187_32806_6641.N1	08-JUN-2008 22:10:42	Twi_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	32806	No
276	GOM_NL__2PRFIN20080608_221218_000000262069_00187_32806_6642.N1	08-JUN-2008 22:12:18	Twi_and_stray	26.000	57	34Sig Sgr	2.0660	26000.	52	32806	No
277	GOM_NL__2PRFIN20080608_221318_000000592069_00187_32806_6643.N1	08-JUN-2008 22:13:18	Bright	58.500	137	22Lam Sgr	2.8240	4400.0	117	32806	No
278	GOM_NL__2PRFIN20080608_221736_000000422069_00187_32806_6644.N1	08-JUN-2008 22:17:36	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32806	No

279	GOM_NL__2PRFIN20080608_221923_000000392069_00187_32806_6645.N1	08-JUN-2008 22:19:23	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	32806	No
280	GOM_NL__2PRFIN20080608_222450_000000482069_00187_32806_6646.N1	08-JUN-2008 22:24:50	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	32806	No
281	GOM_NL__2PRFIN20080608_222903_000000402069_00187_32806_6647.N1	08-JUN-2008 22:29:03	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	32806	No
282	GOM_NL__2PRFIN20080608_223215_000000412069_00187_32806_6648.N1	08-JUN-2008 22:32:15	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	32806	No
283	GOM_NL__2PRFIN20080608_223924_000000422069_00187_32806_6649.N1	08-JUN-2008 22:39:24	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32806	No
284	GOM_NL__2PRFIN20080608_225009_000000462069_00187_32806_6650.N1	08-JUN-2008 22:50:09	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32806	No
285	GOM_NL__2PRFIN20080608_225608_000000372069_00187_32806_6651.N1	08-JUN-2008 22:56:08	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32806	No
286	GOM_NL__2PRFIN20080608_230159_000000452069_00187_32806_6652.N1	08-JUN-2008 23:01:59	Bright	44.500	73	57Gam1And	2.2600	13100.	89	32806	No
287	GOM_NL__2PRFIN20080608_230418_000000552069_00187_32806_6653.N1	08-JUN-2008 23:04:18	Bright	55.000	53	43Bet And	2.0480	3300.0	110	32806	No
288	GOM_NL__2PRFIN20080608_230734_000000452069_00187_32806_6654.N1	08-JUN-2008 23:07:34	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32806	No
289	GOM_NL__2PRFIN20080608_232209_000000472069_00187_32806_6655.N1	08-JUN-2008 23:22:09	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	32806	No
290	GOM_NL__2PRFIN20080608_232840_000000432069_00187_32806_6656.N1	08-JUN-2008 23:28:40	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32806	No
291	GOM_NL__2PRFIN20080608_233210_000000582069_00188_32807_6648.N1	08-JUN-2008 23:32:10	Dark	58.000	18	24Alp PsA	1.1660	9700.0	116	32807	No
292	GOM_NL__2PRFIN20080608_233432_000000622069_00188_32807_6649.N1	08-JUN-2008 23:34:32	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	32807	No
293	GOM_NL__2PRFIN20080608_233633_000000472069_00188_32807_6650.N1	08-JUN-2008 23:36:33	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32807	No
294	GOM_NL__2PRFIN20080608_234057_000000412069_00188_32807_6651.N1	08-JUN-2008 23:40:57	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32807	No
295	GOM_NL__2PRFIN20080608_234933_000000452069_00188_32807_6652.N1	08-JUN-2008 23:49:33	Straylight	44.500	40	The Sco	1.8590	7100.0	89	32807	No
296	GOM_NL__2PRFIN20080608_235118_000000442069_00188_32807_6653.N1	08-JUN-2008 23:51:18	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32807	No
297	GOM_NL__2PRFIN20080608_235255_000000262069_00188_32807_6654.N1	08-JUN-2008 23:52:55	Twilight	26.000	57	34Sig Sgr	2.0660	26000.	52	32807	No
298	GOM_NL__2PRFIN20080608_235355_000000702069_00188_32807_6655.N1	08-JUN-2008 23:53:55	Bright	69.500	137	22Lam Sgr	2.8240	4400.0	139	32807	No
299	GOM_NL__2PRFIN20080608_235812_000000422069_00188_32807_6656.N1	08-JUN-2008 23:58:12	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	32807	No
300	GOM_NL__2PRFIN20080608_235959_000000382069_00188_32807_6657.N1	08-JUN-2008 23:59:59	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32807	No

3. Quality information per product

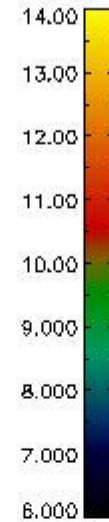
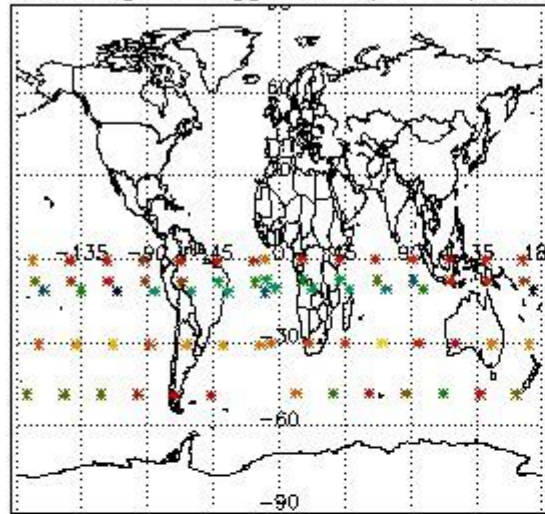
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

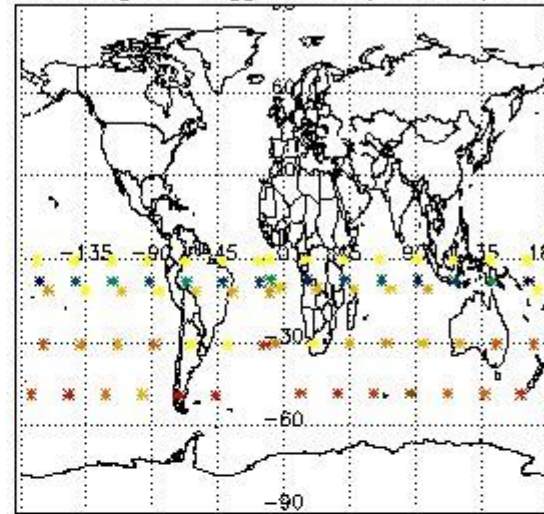


3.2 Plot quality information per product (world map)

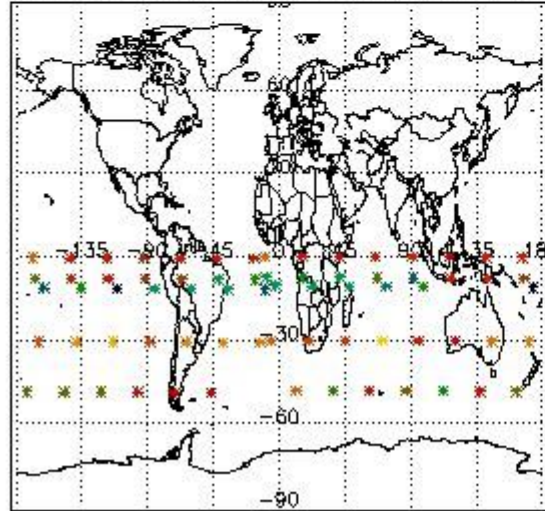
Percentage of flagged data per O3 profile



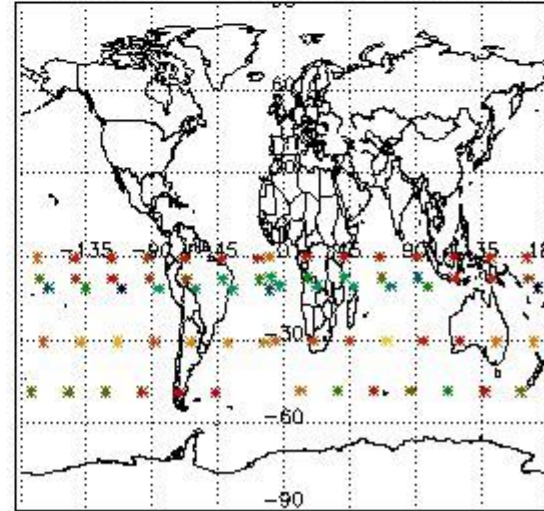
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

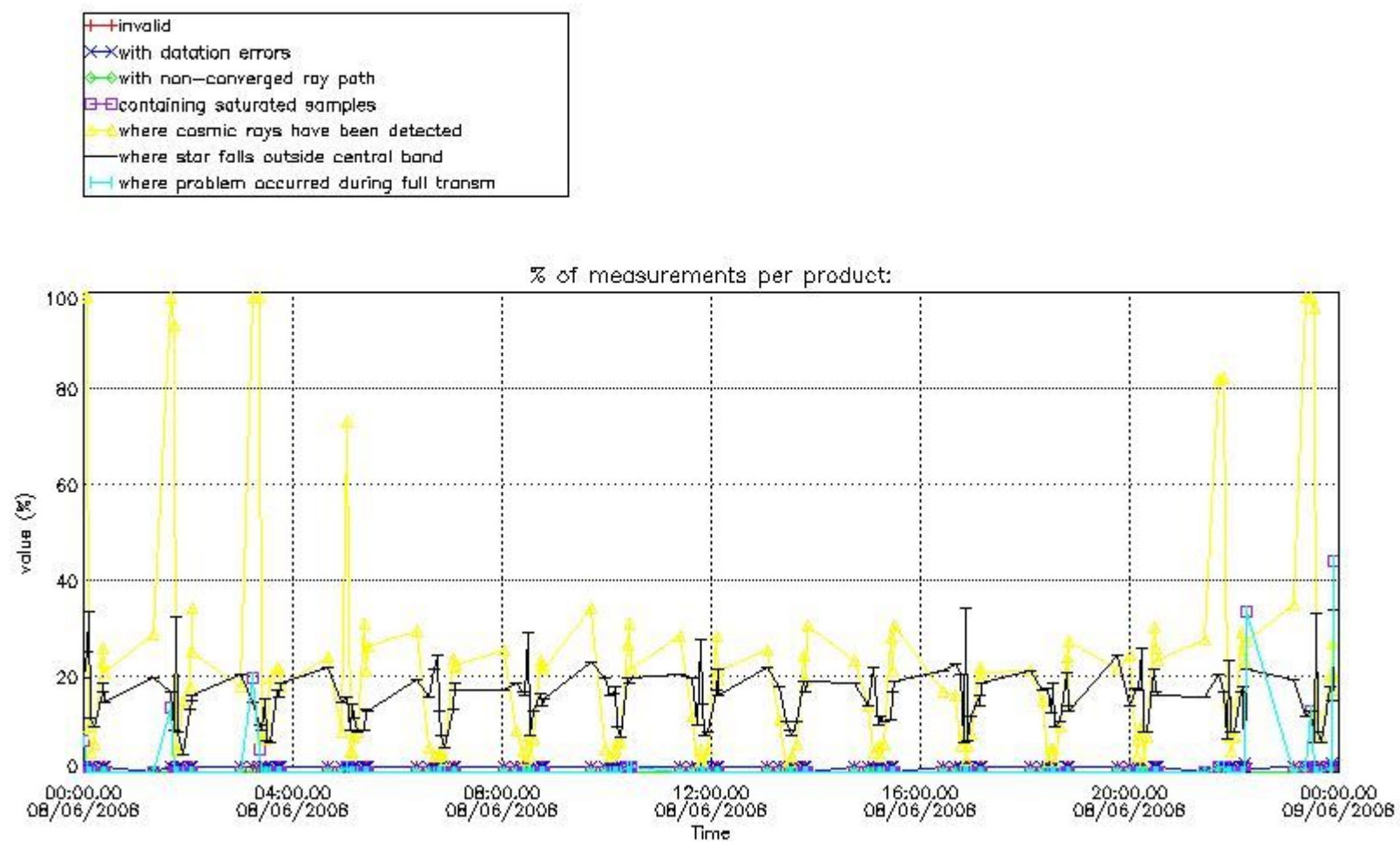


4. Level 1 quality information per product

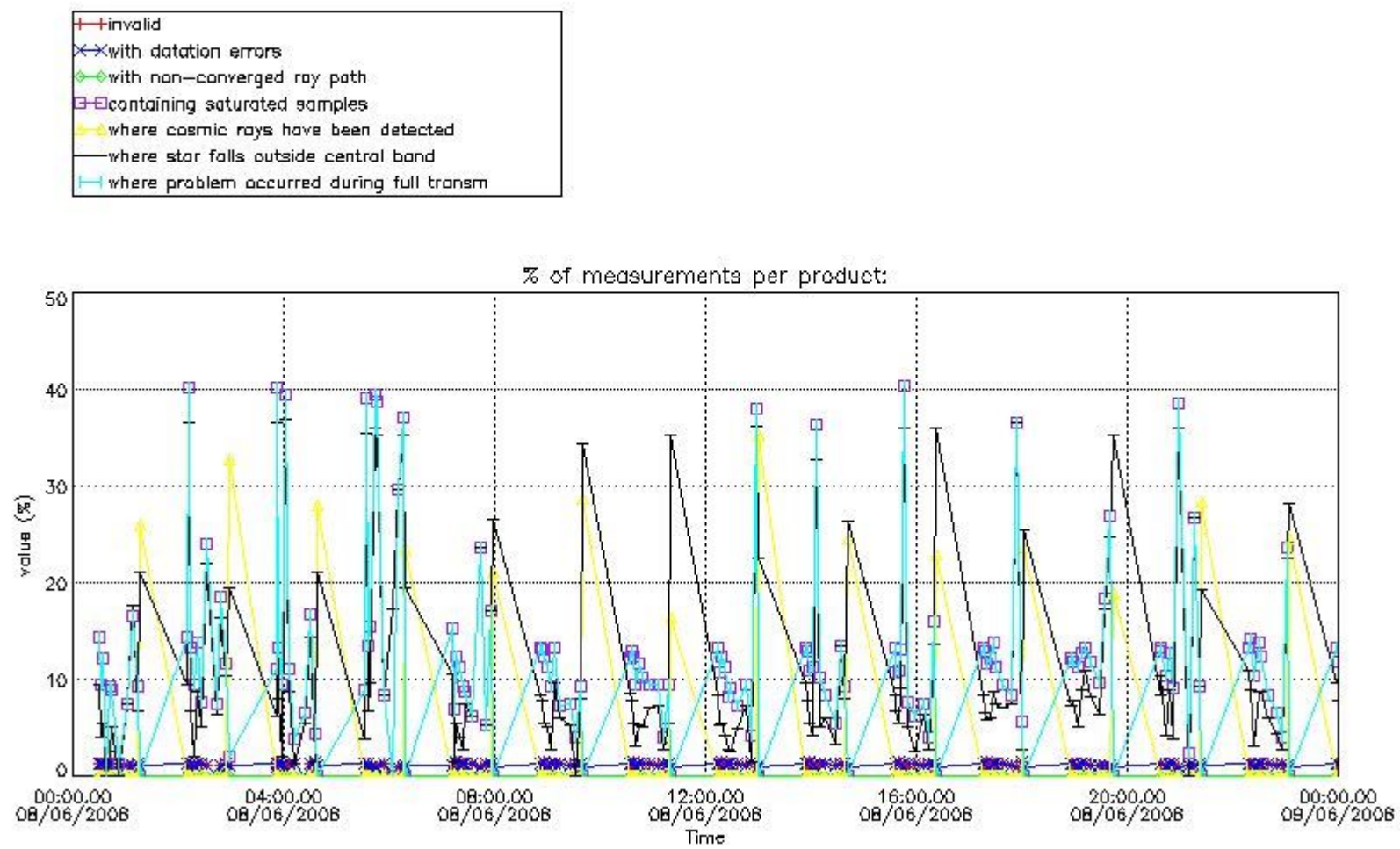
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

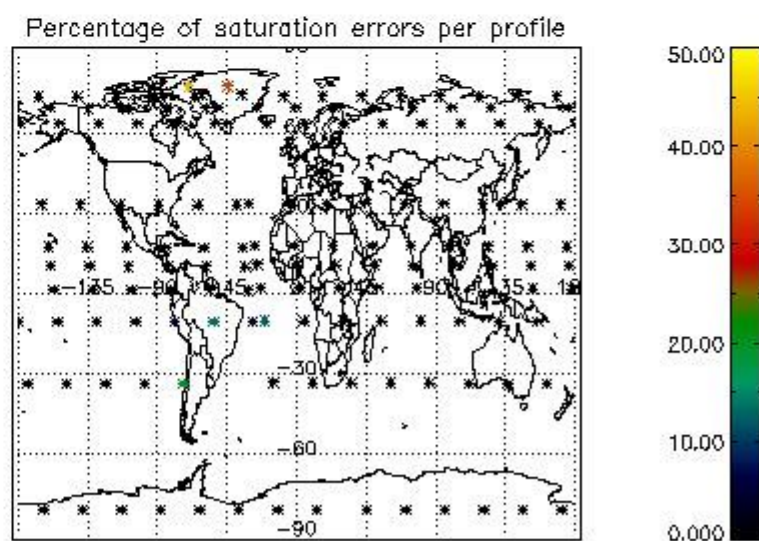
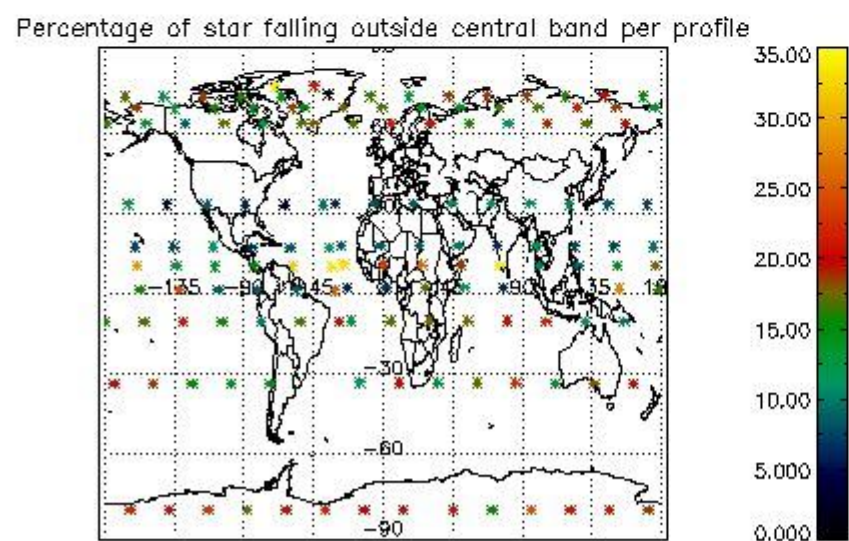
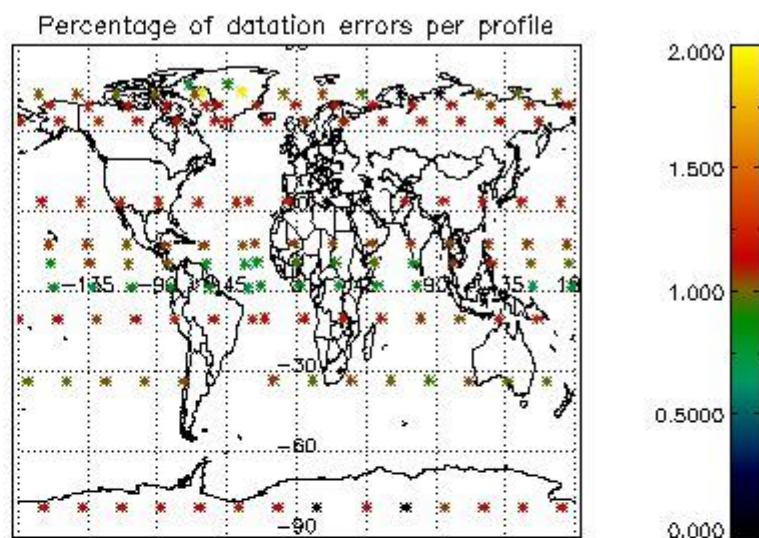
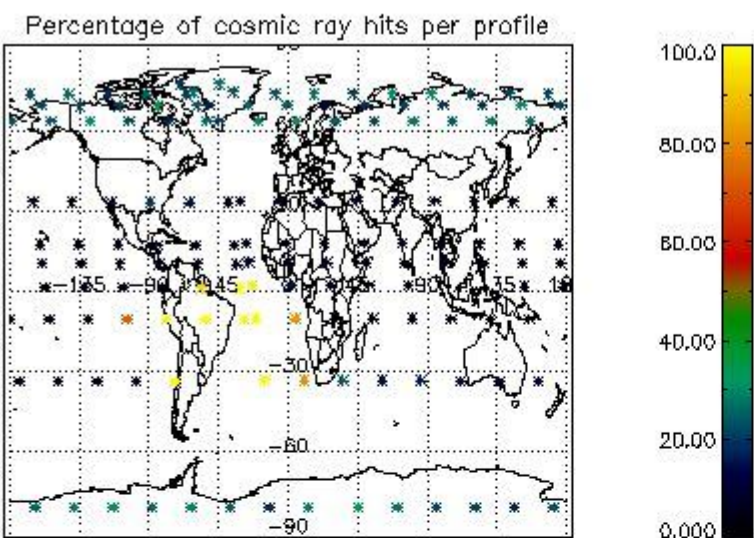


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

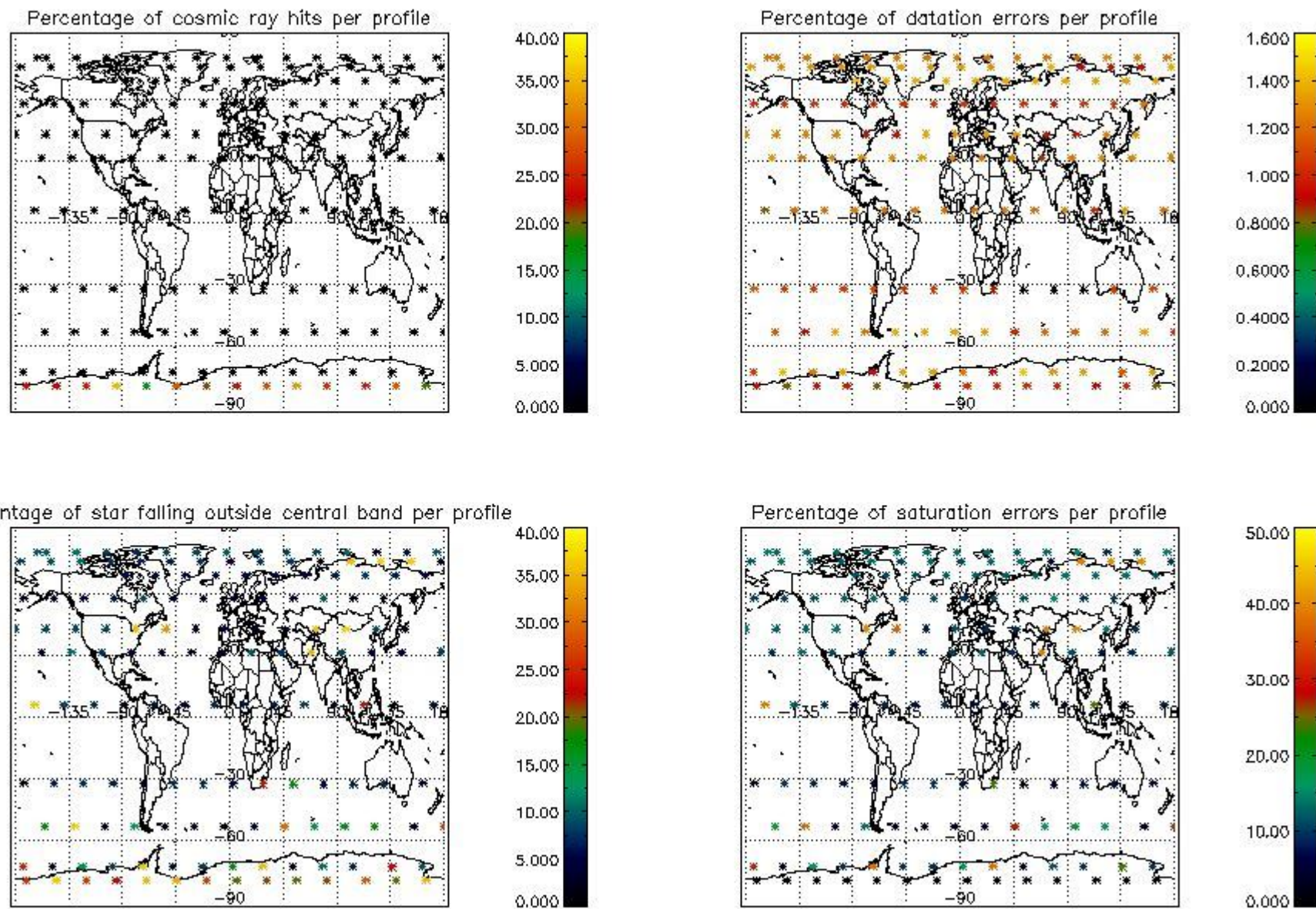


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

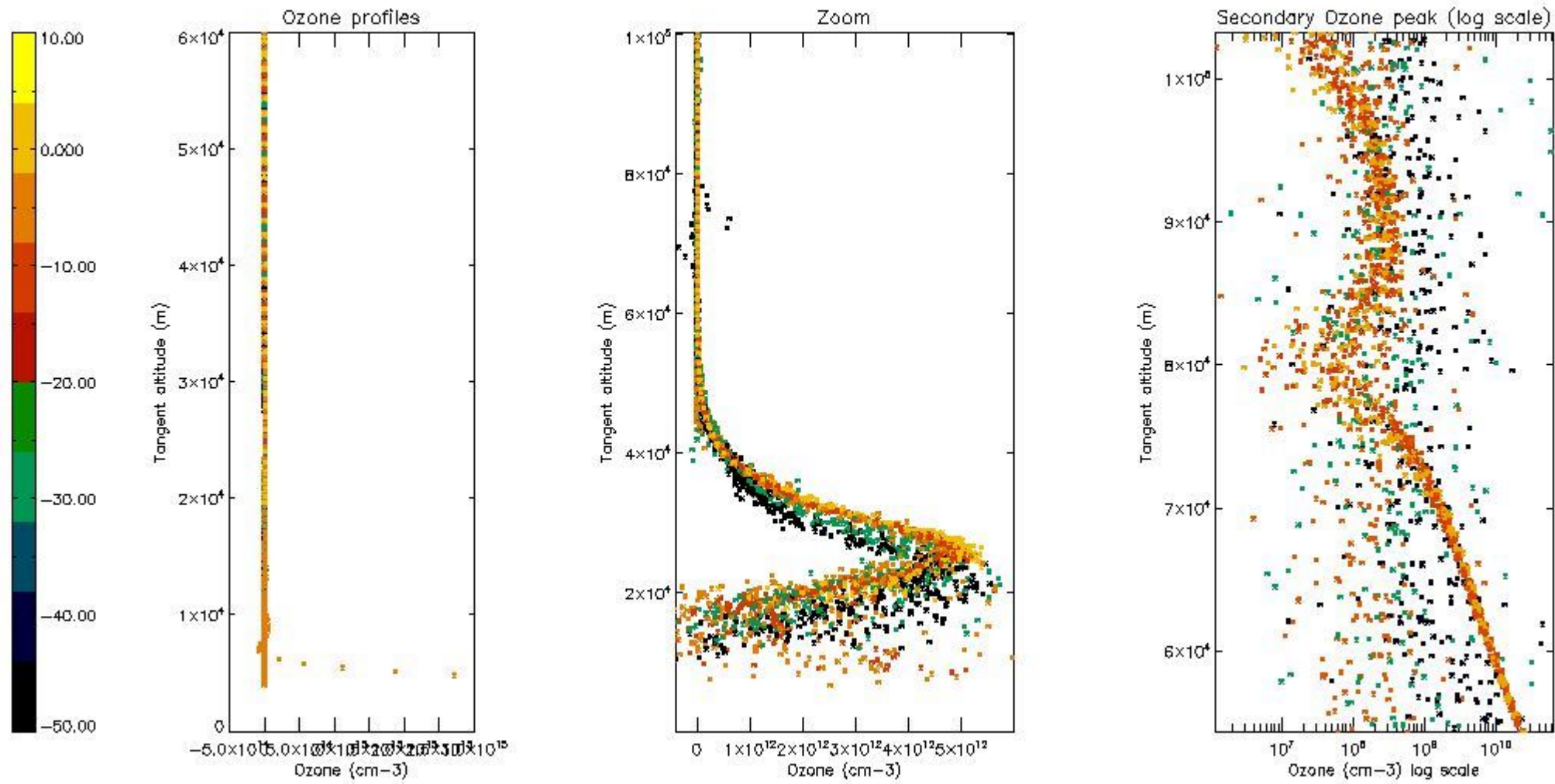
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	12

STD < 10	8
STD < 5	6

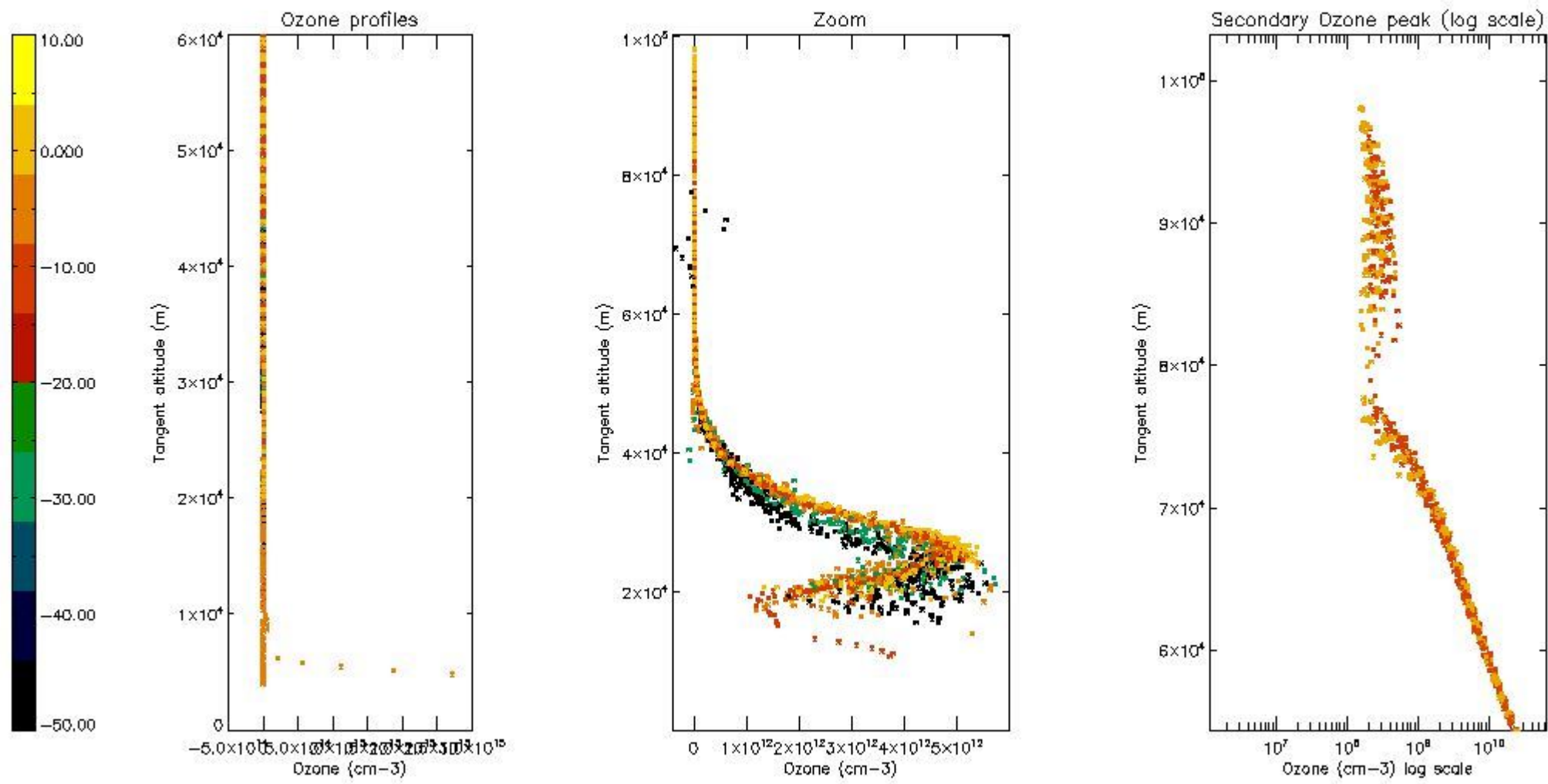
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



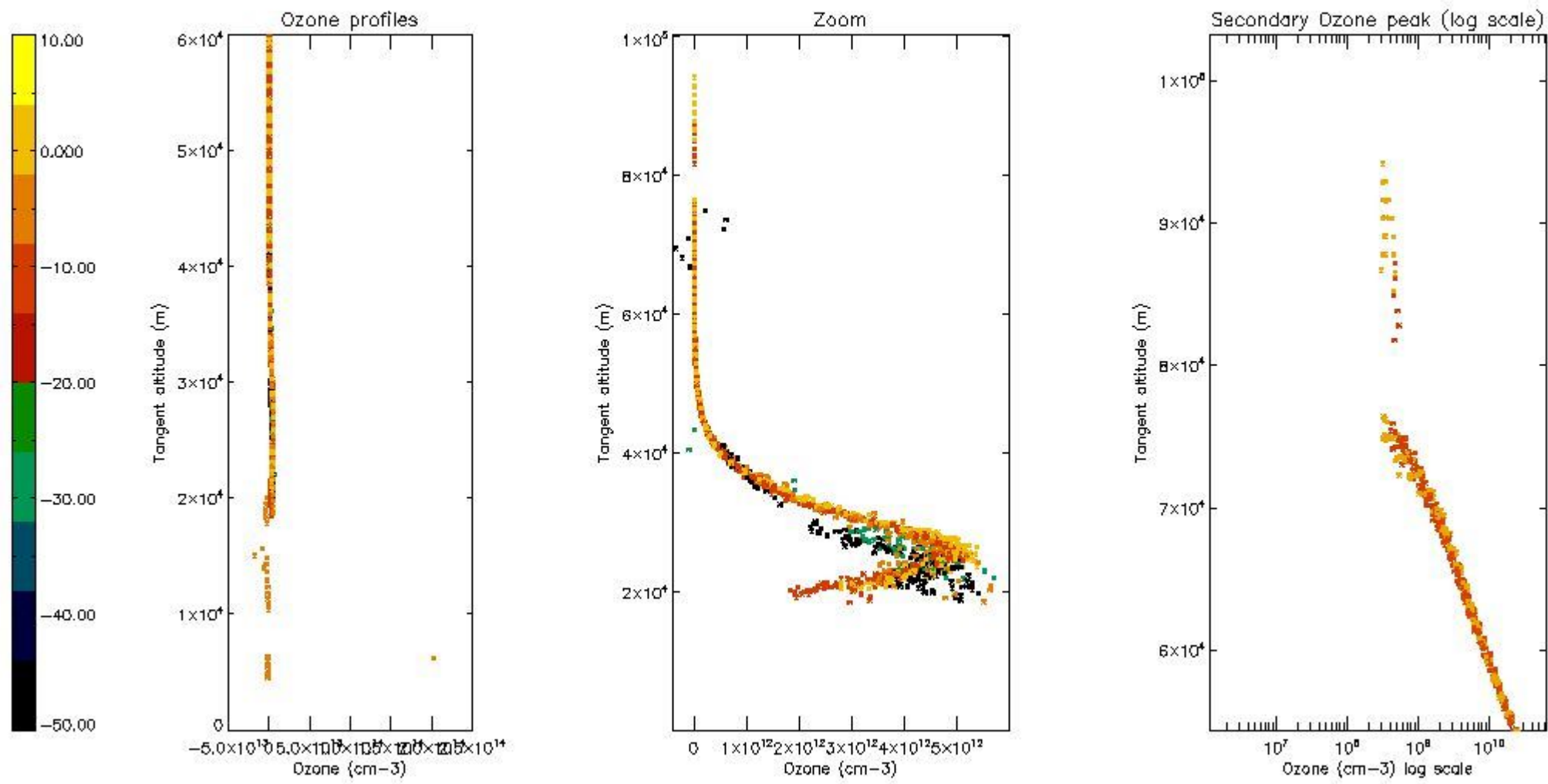
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



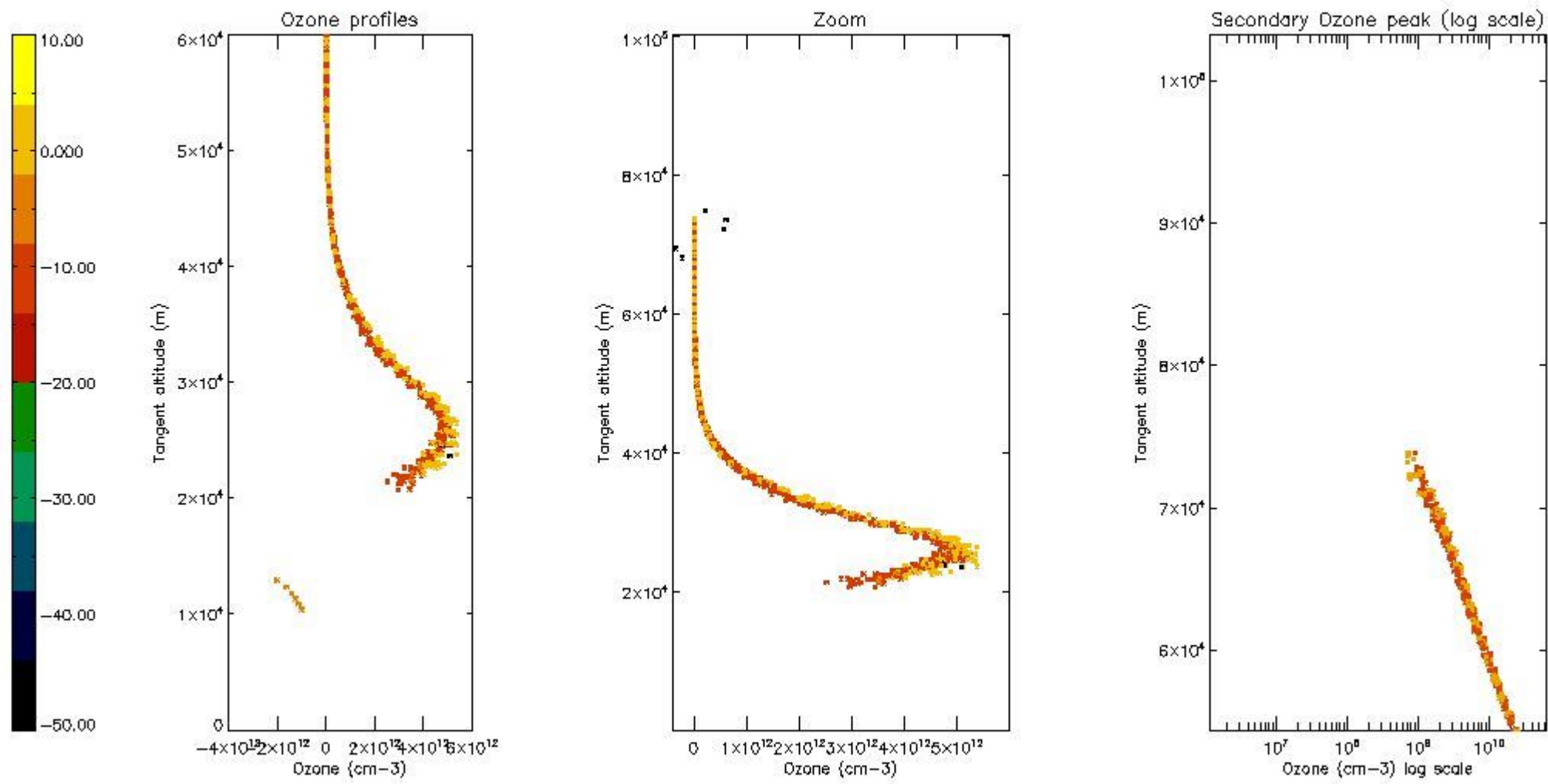
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



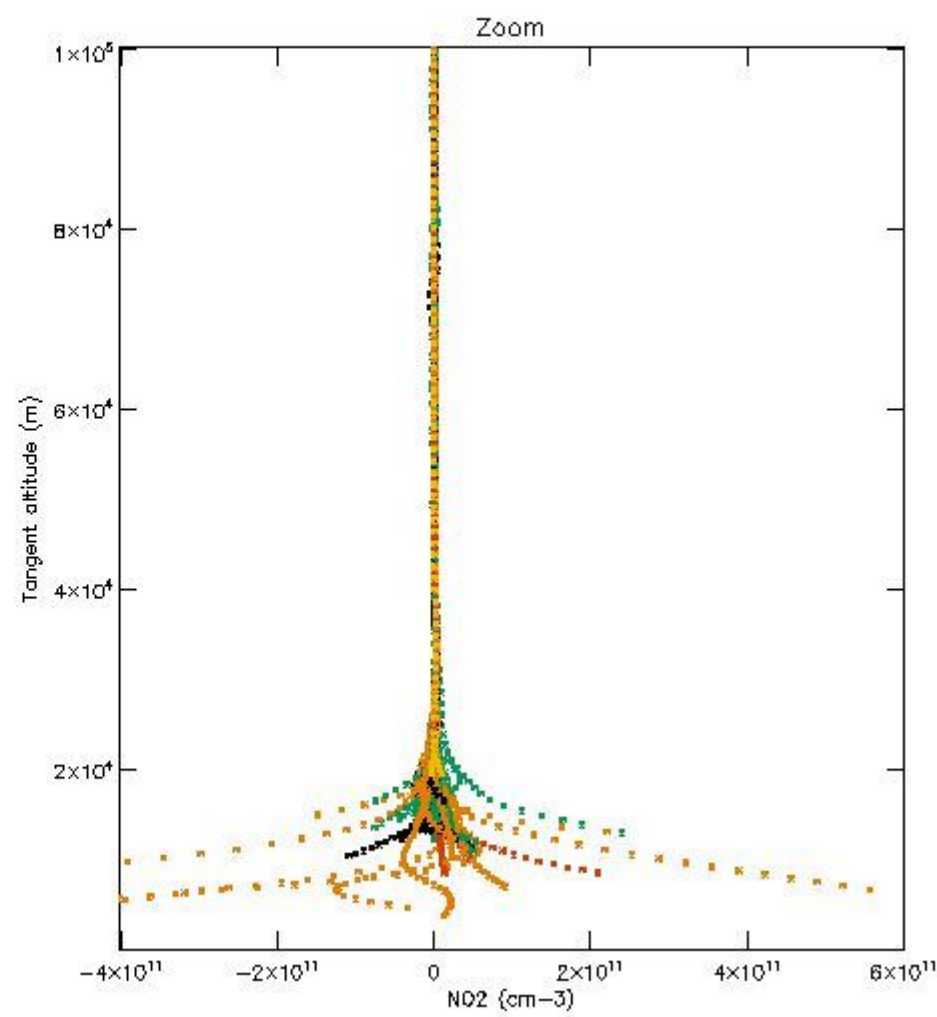
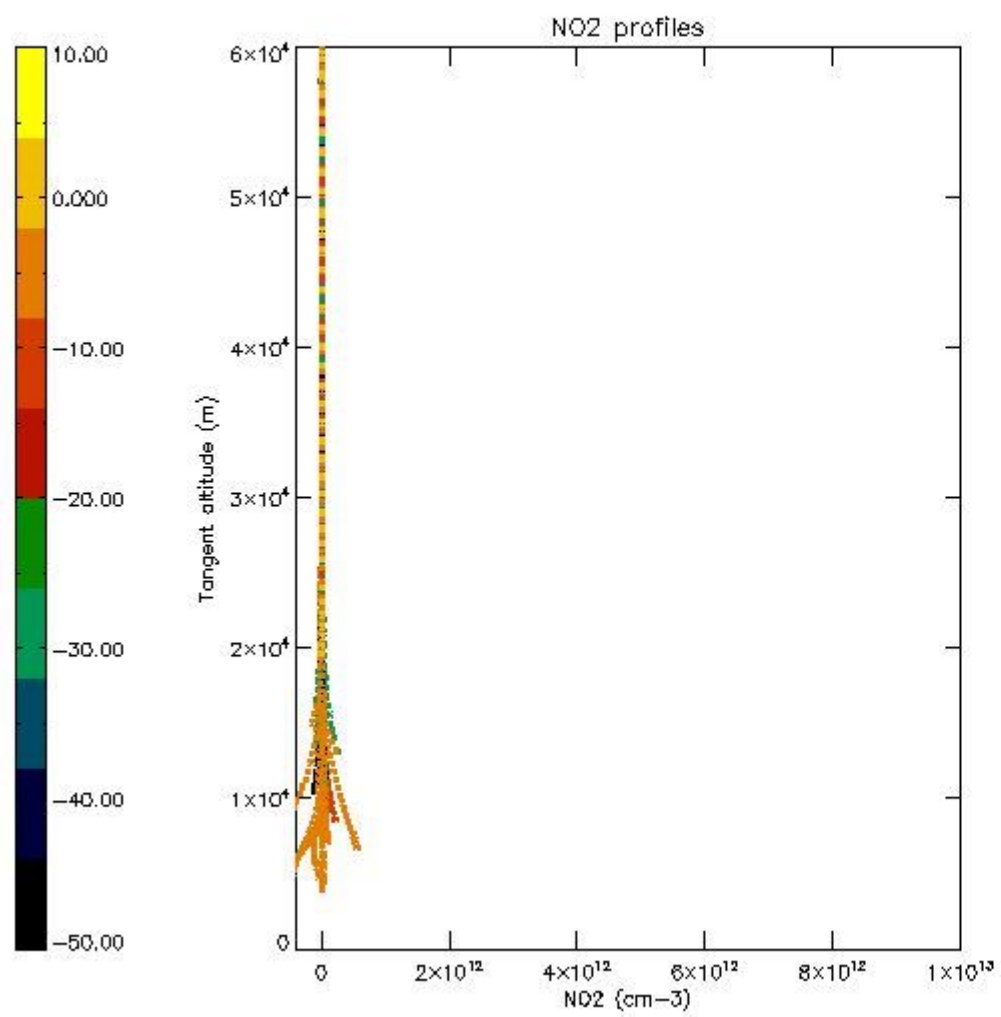
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



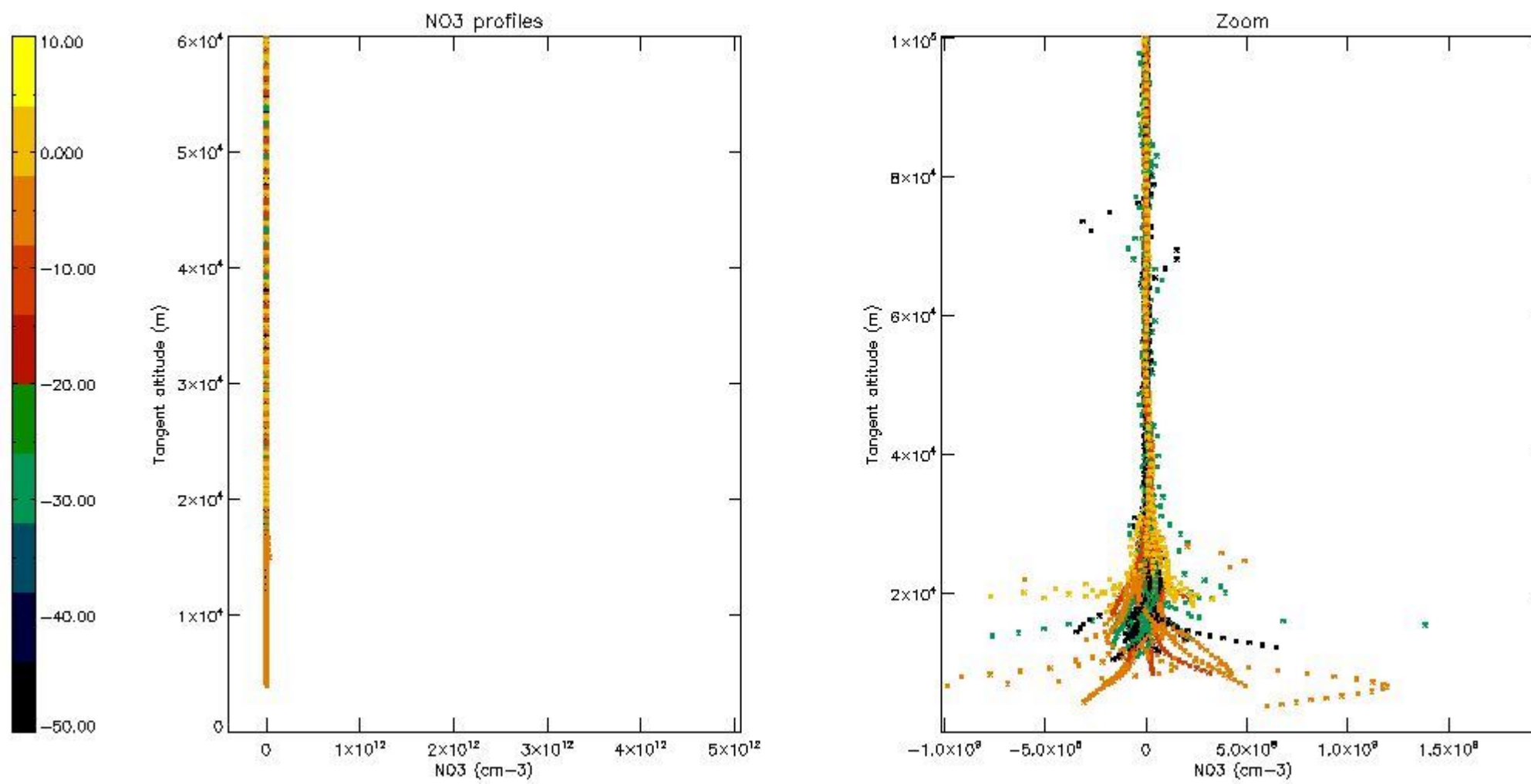
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



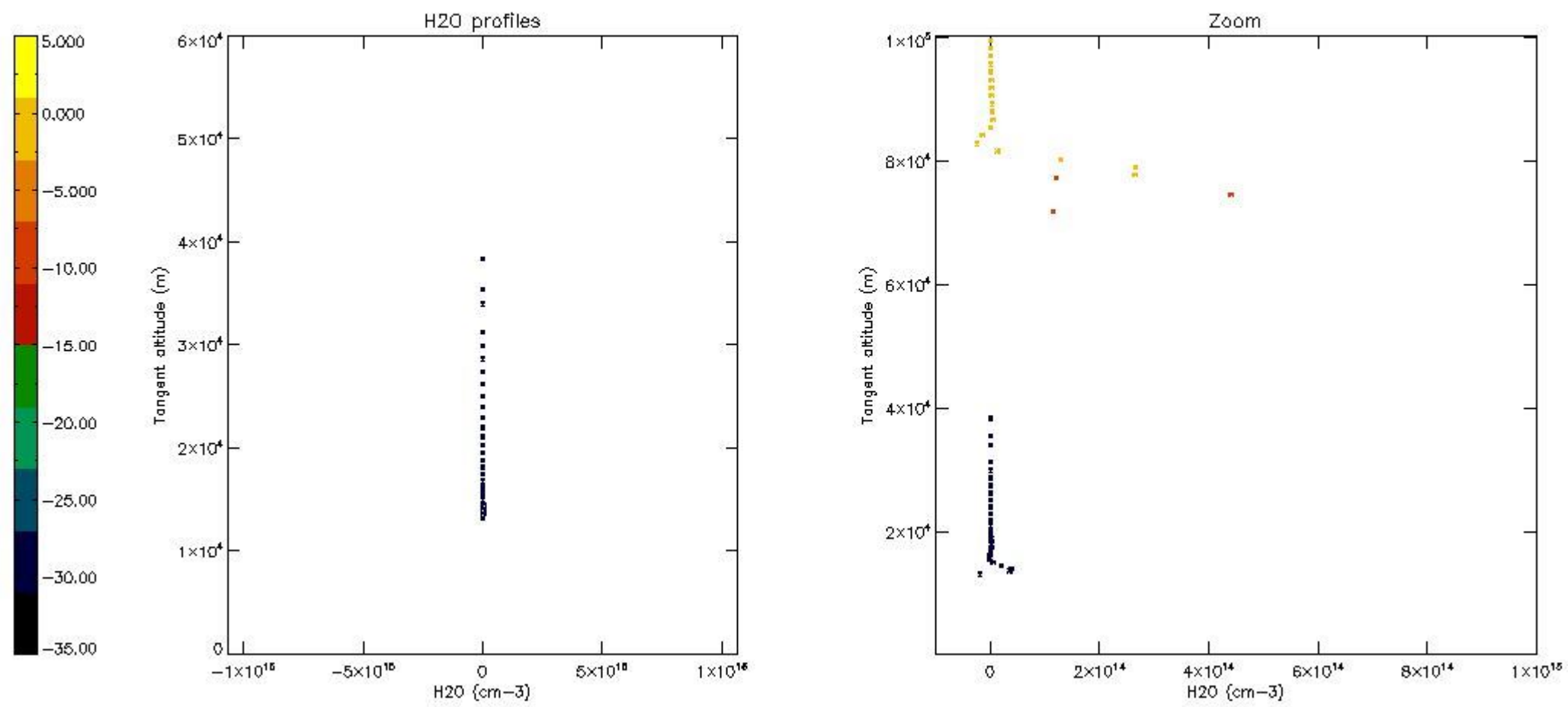
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

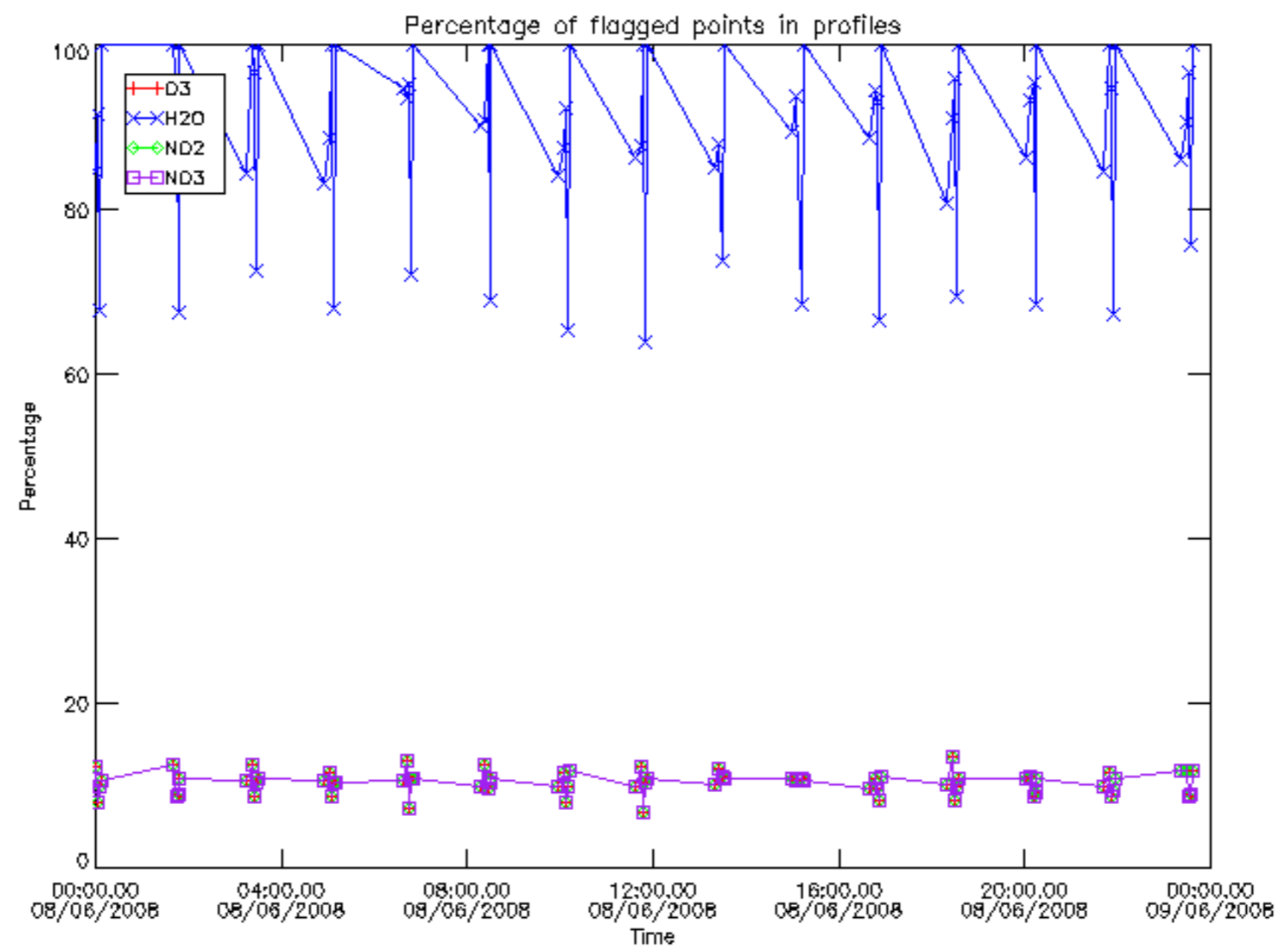
The colorbar represents the latitude.



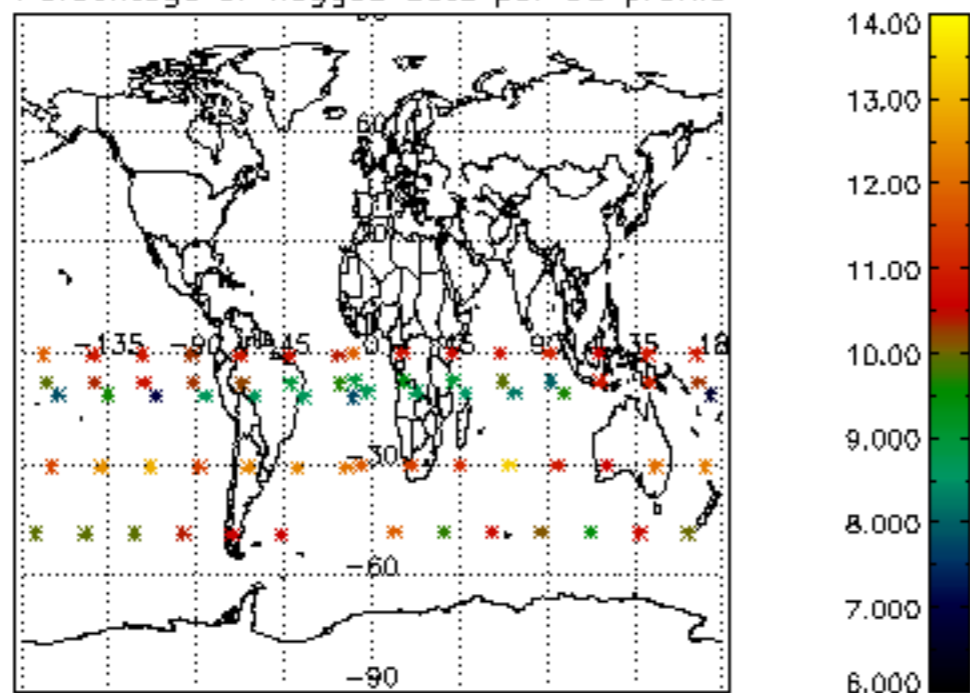
6. Auxiliary Data Files used for the production reported in section 2

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

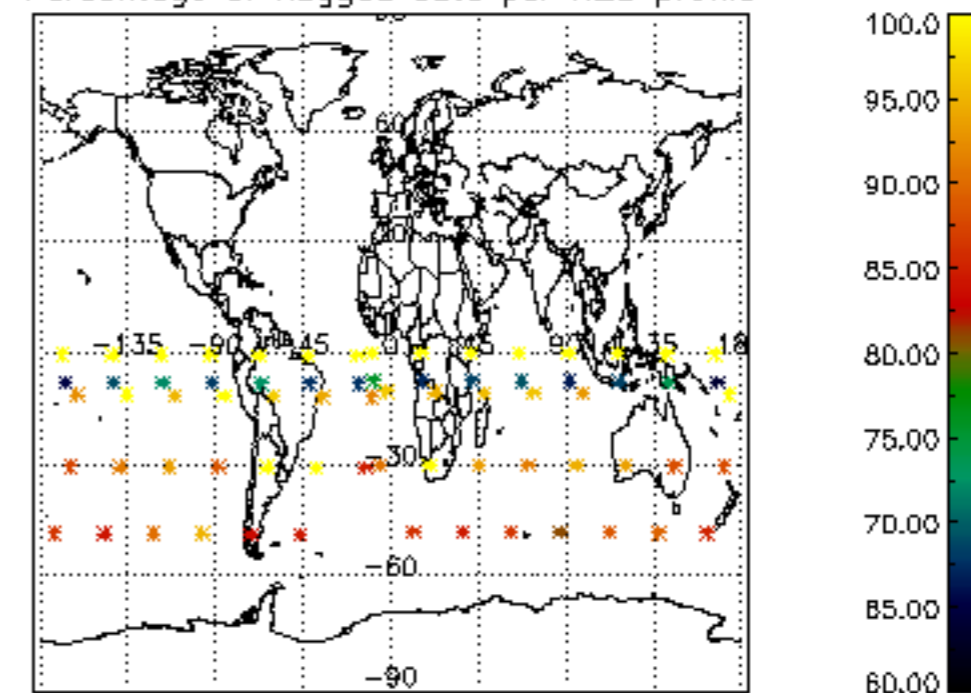
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-JUN-2008 00:00:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-JUN-2008 00:00:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-JUN-2008 00:00:07



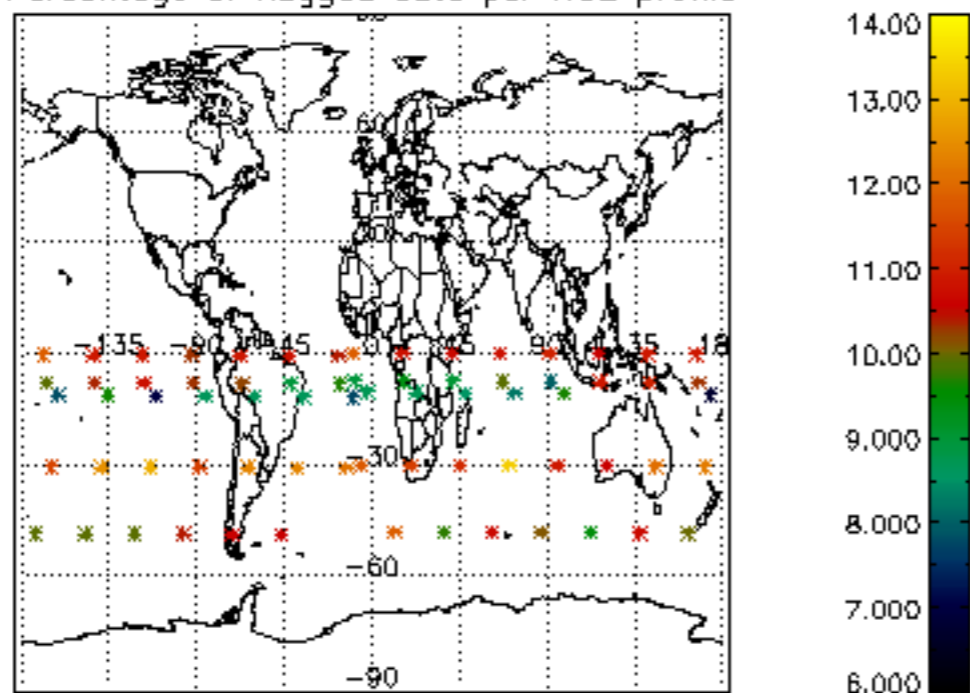
Percentage of flagged data per D3 profile



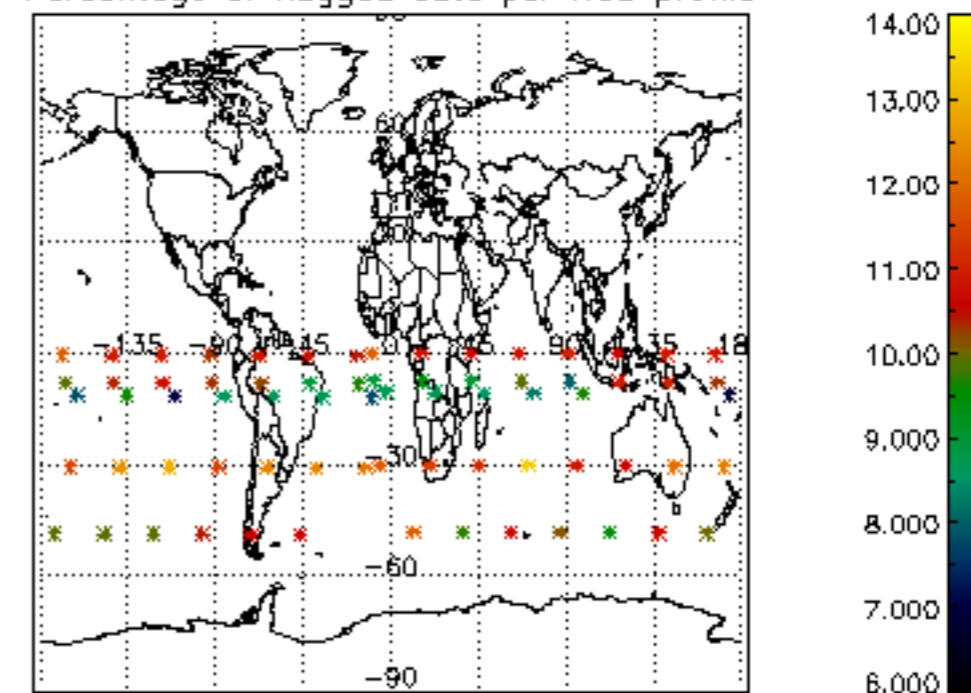
Percentage of flagged data per H2O profile

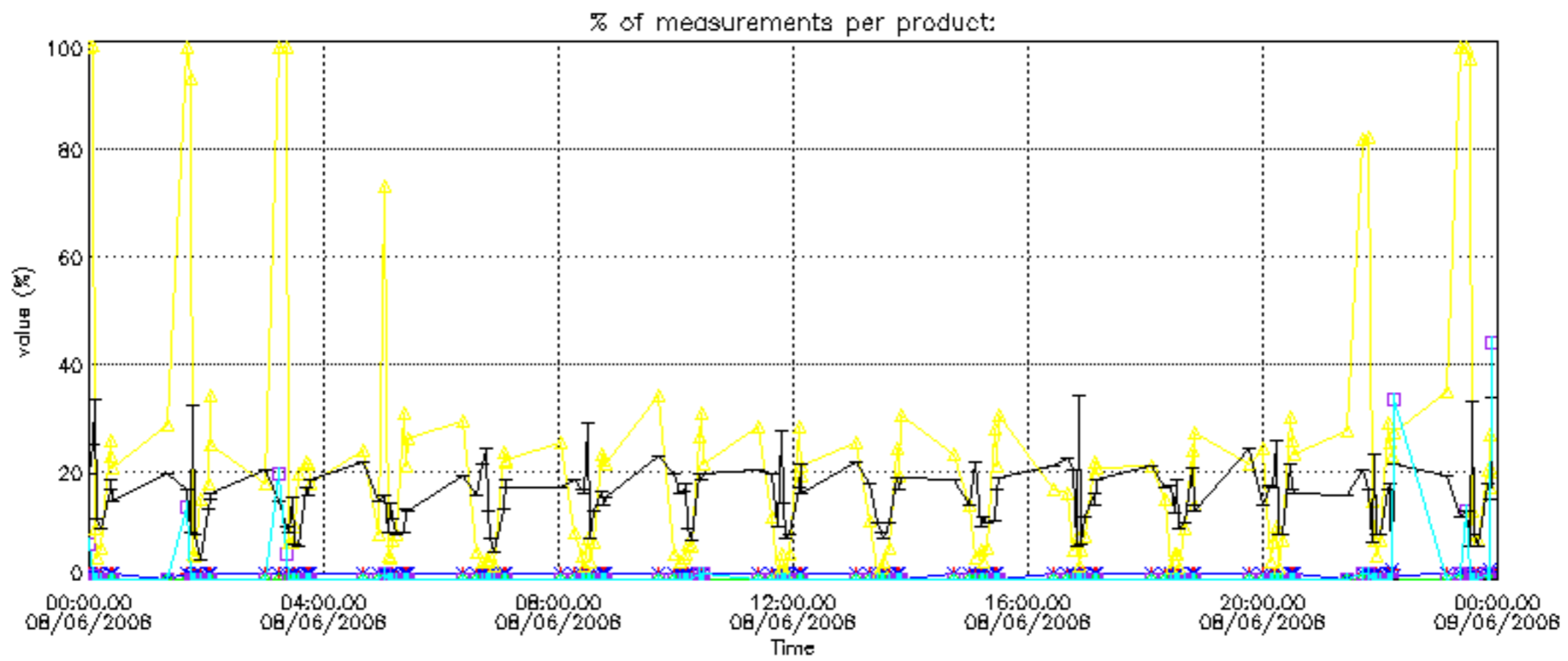


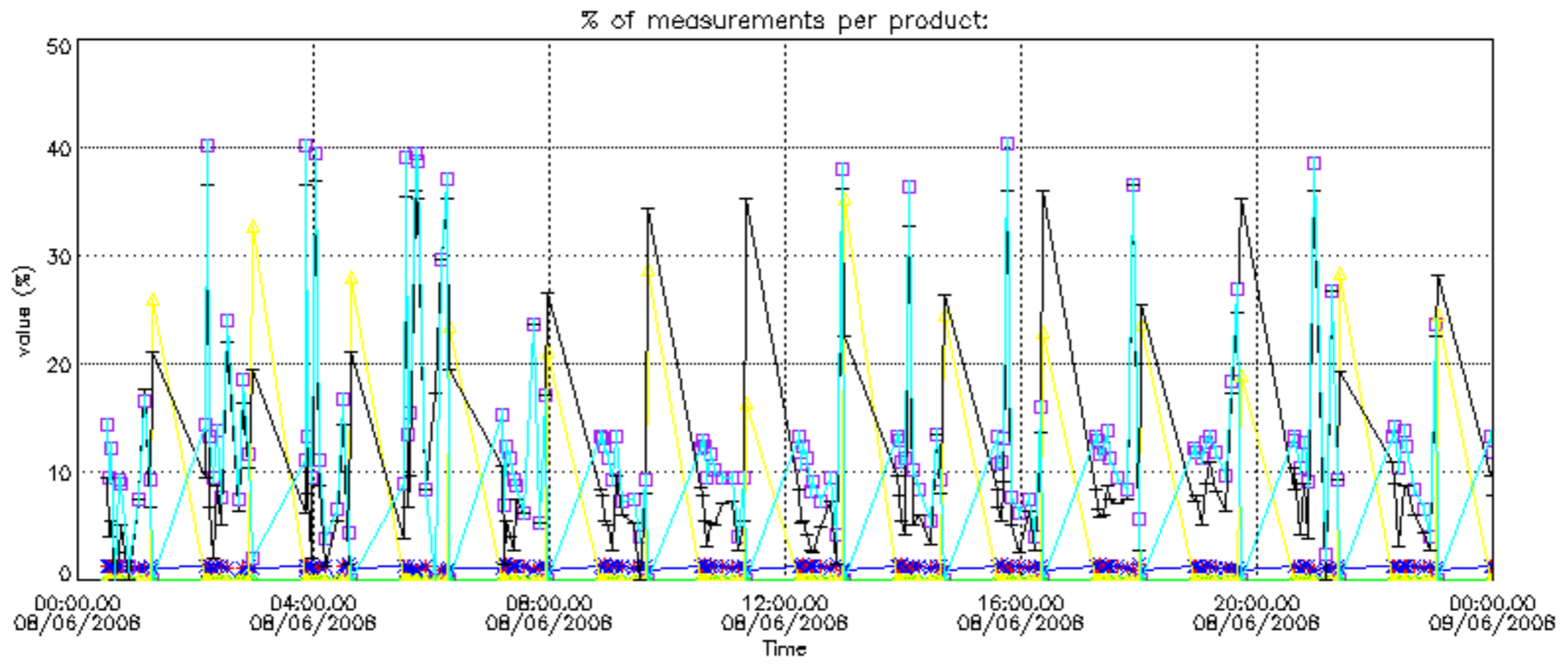
Percentage of flagged data per NO2 profile



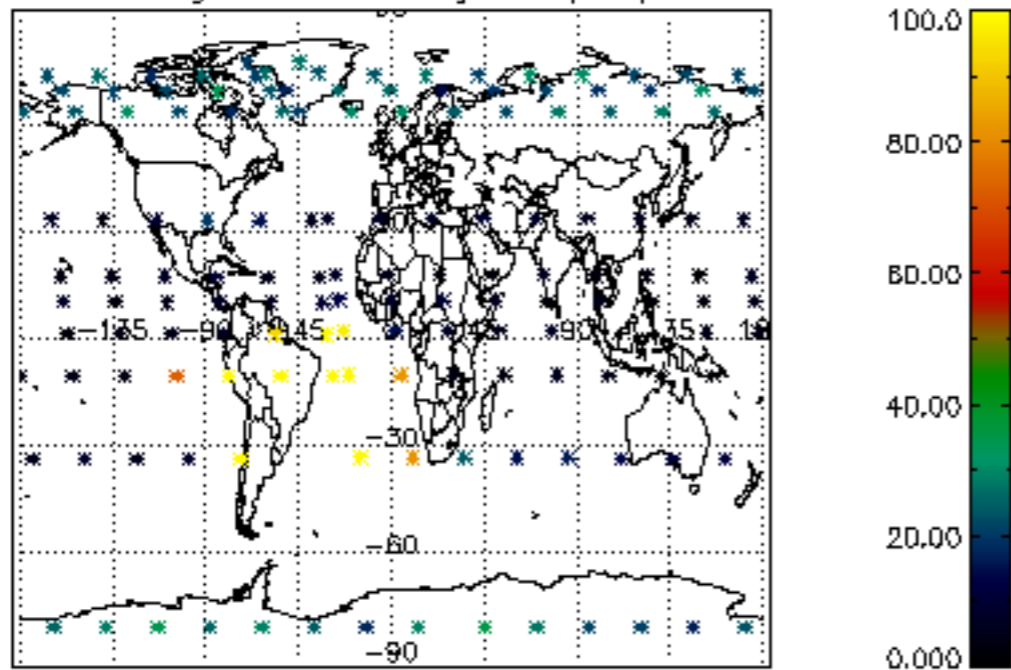
Percentage of flagged data per NO3 profile



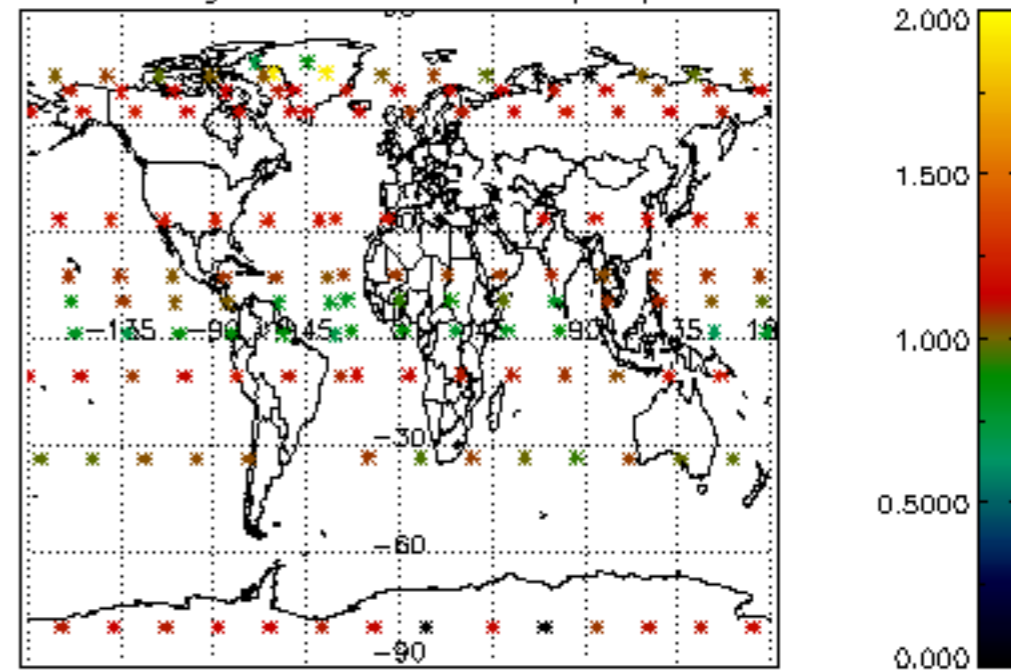




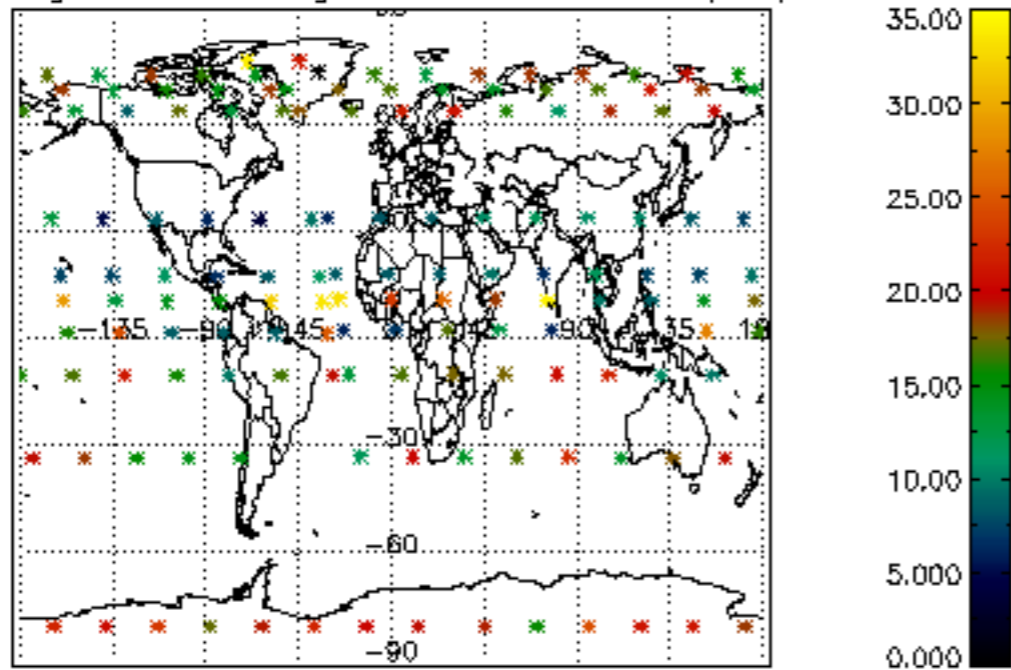
Percentage of cosmic ray hits per profile



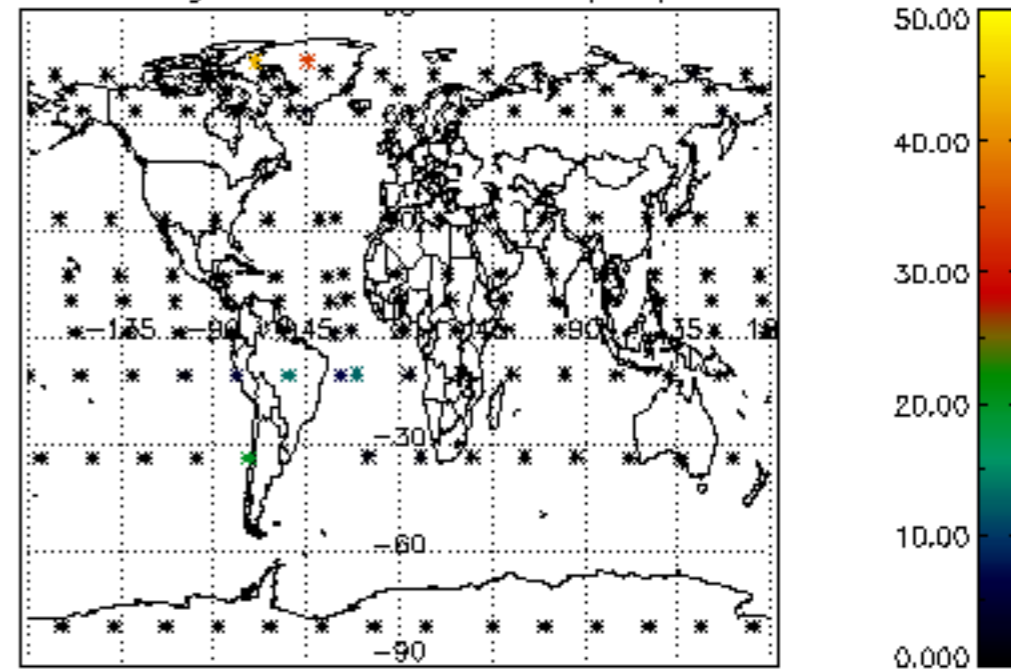
Percentage of datation errors per profile



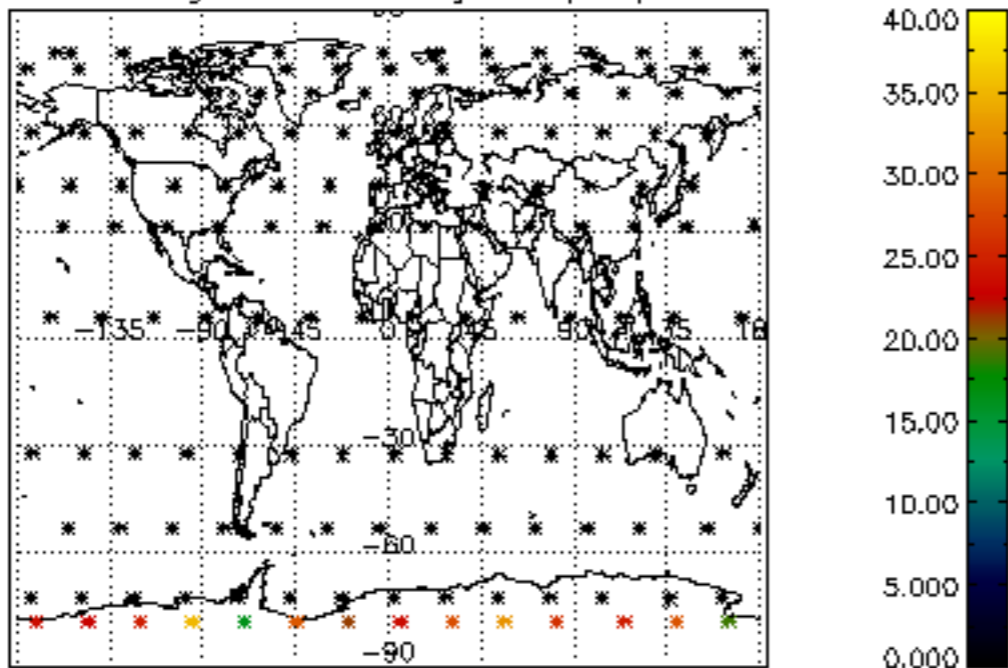
Percentage of star falling outside central band per profile



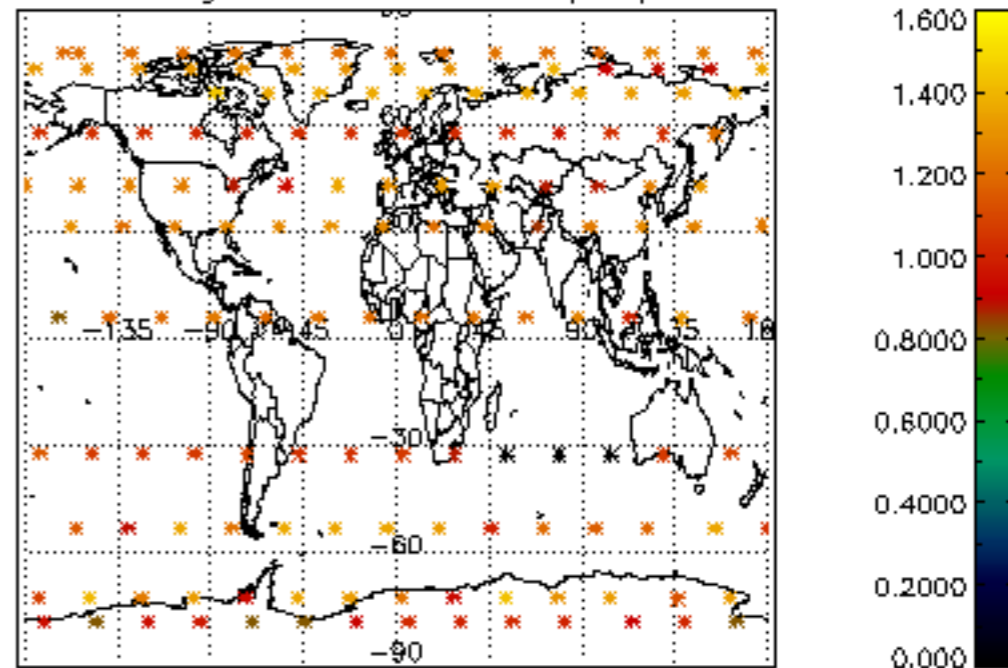
Percentage of saturation errors per profile



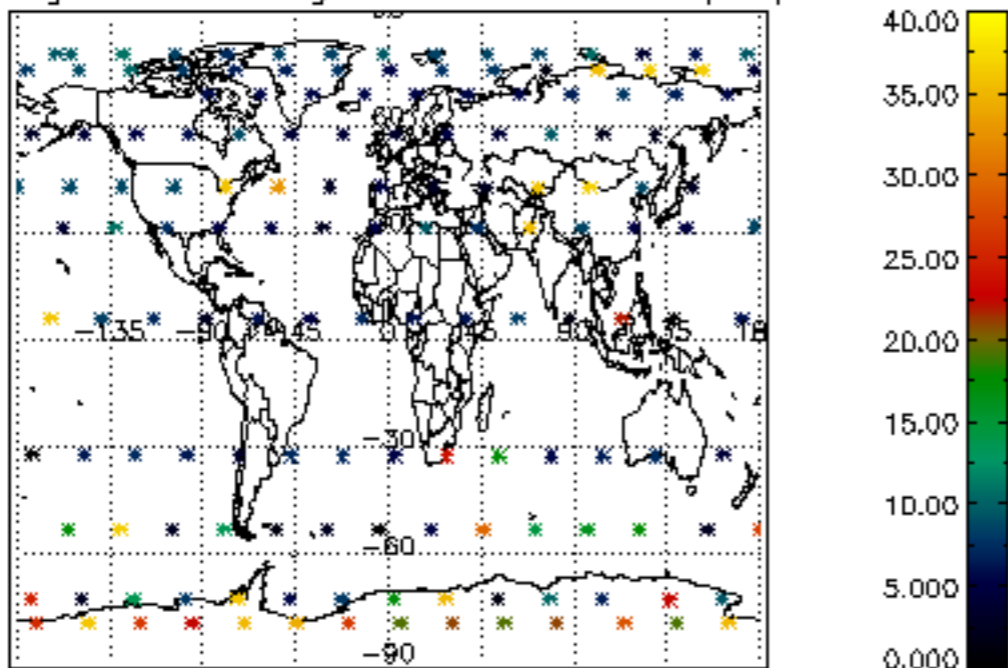
Percentage of cosmic ray hits per profile



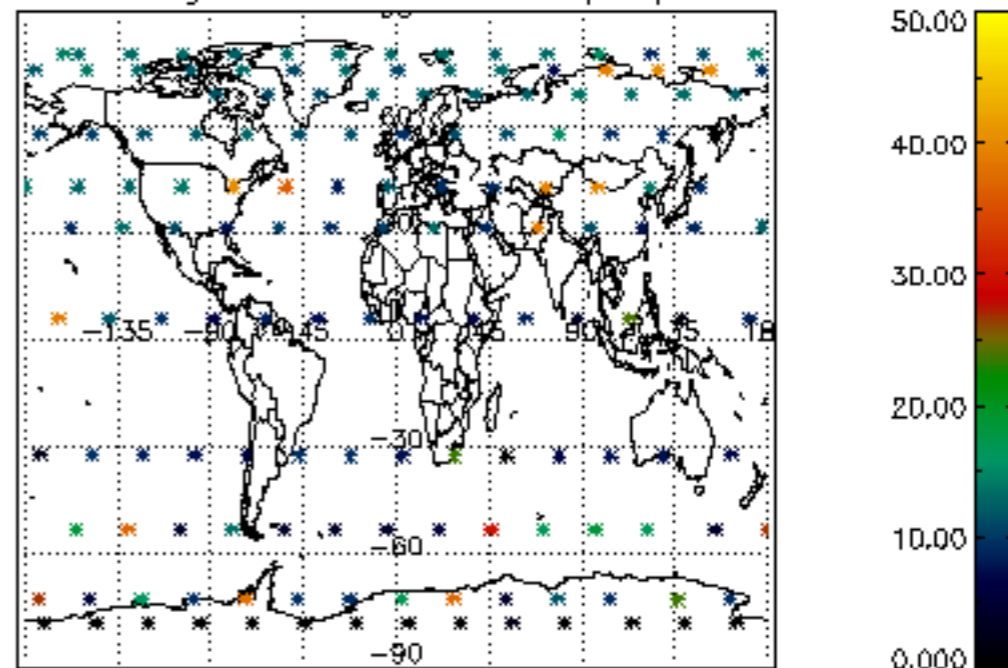
Percentage of datation errors per profile

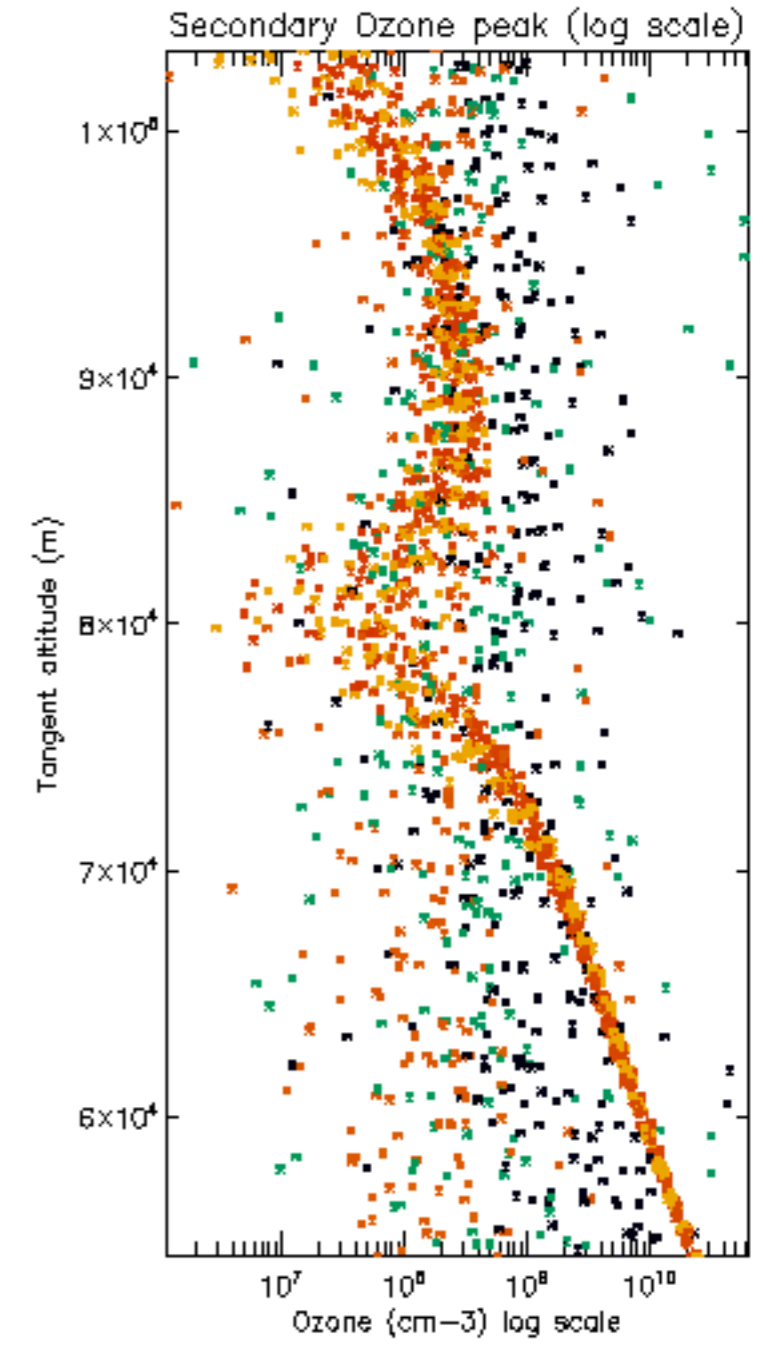
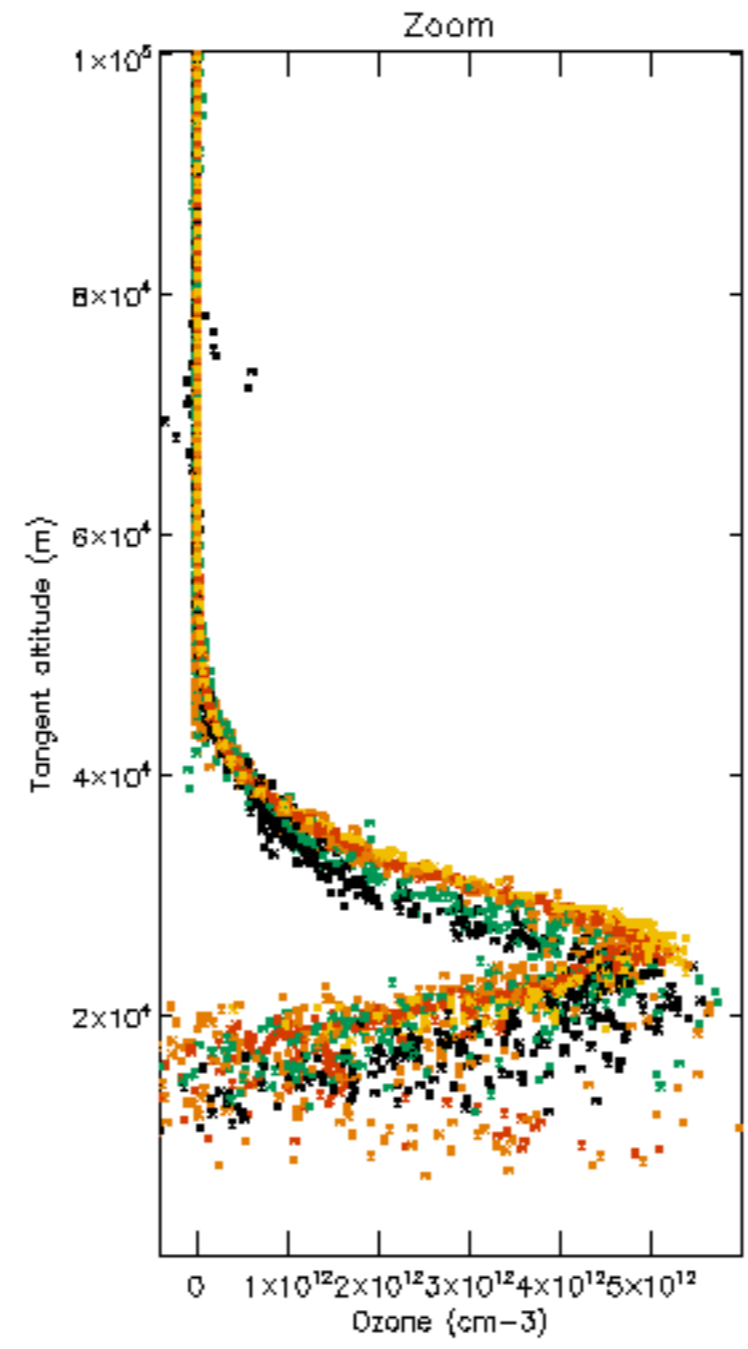
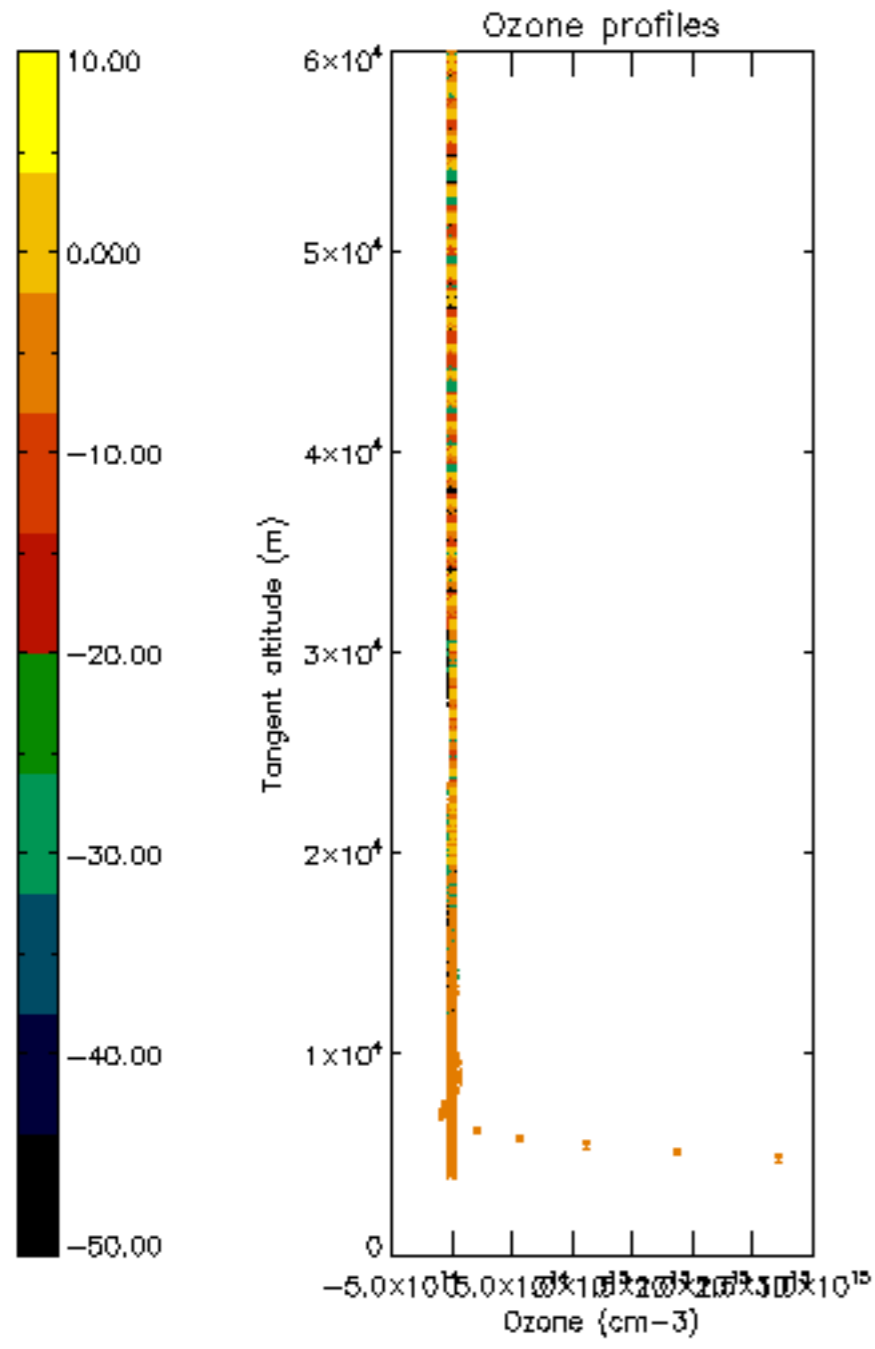


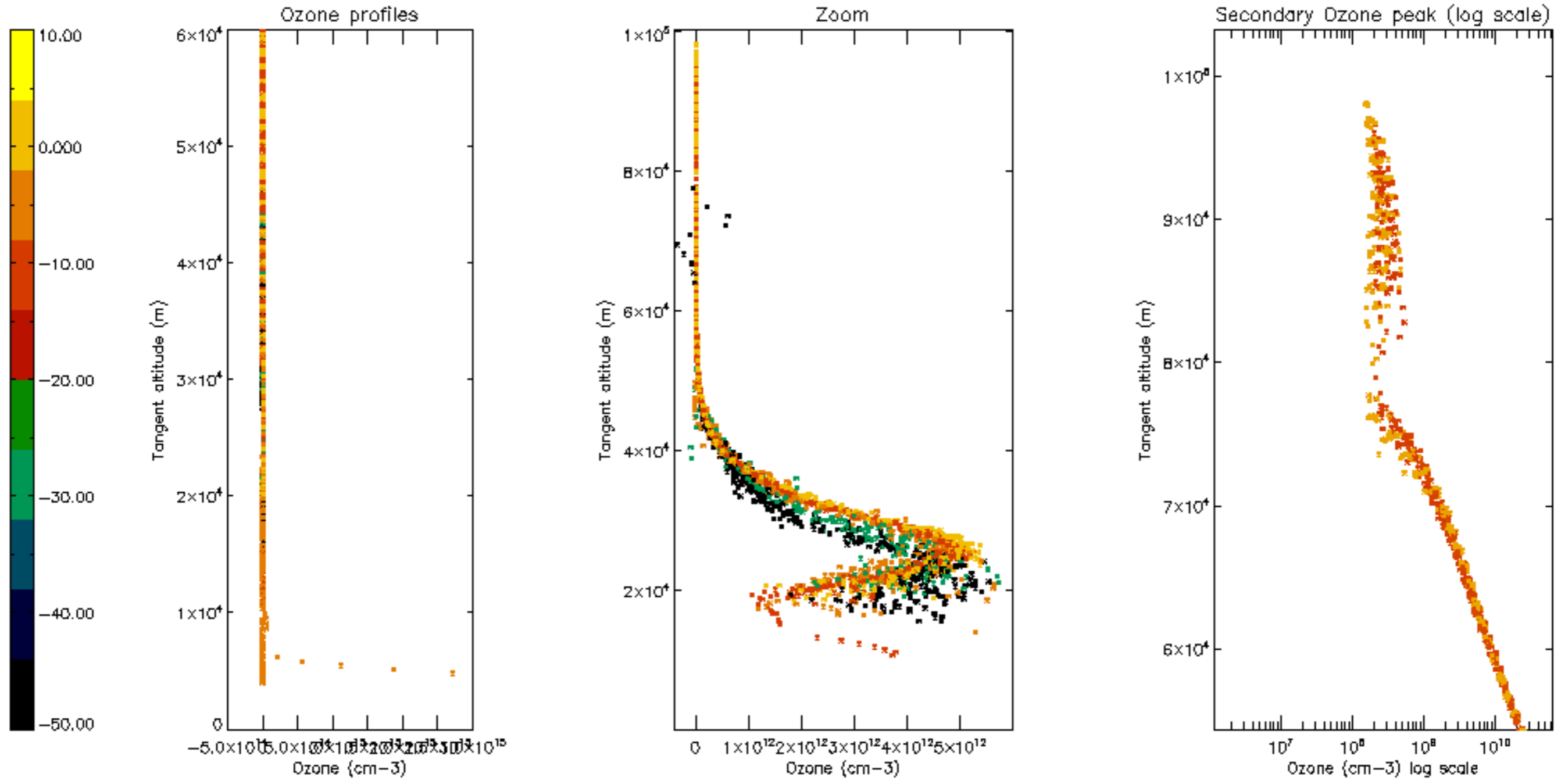
Percentage of star falling outside central band per profile

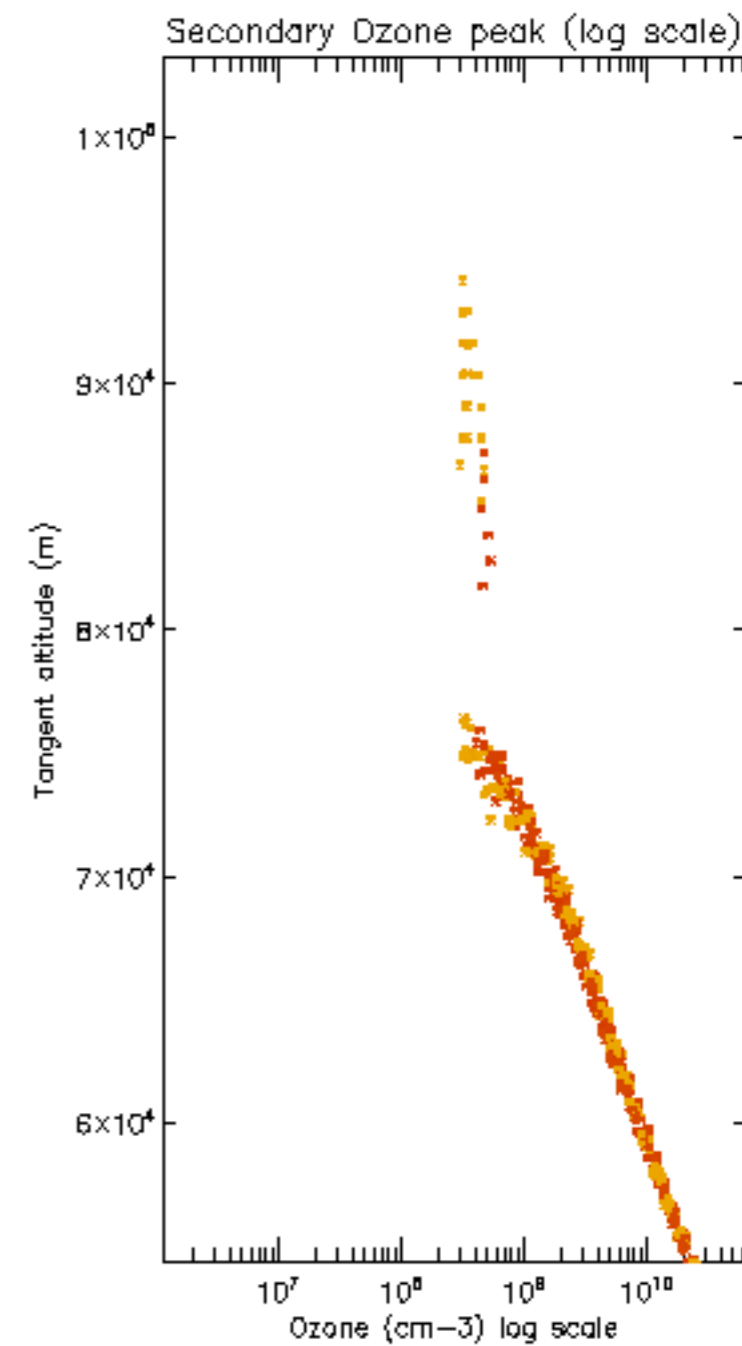
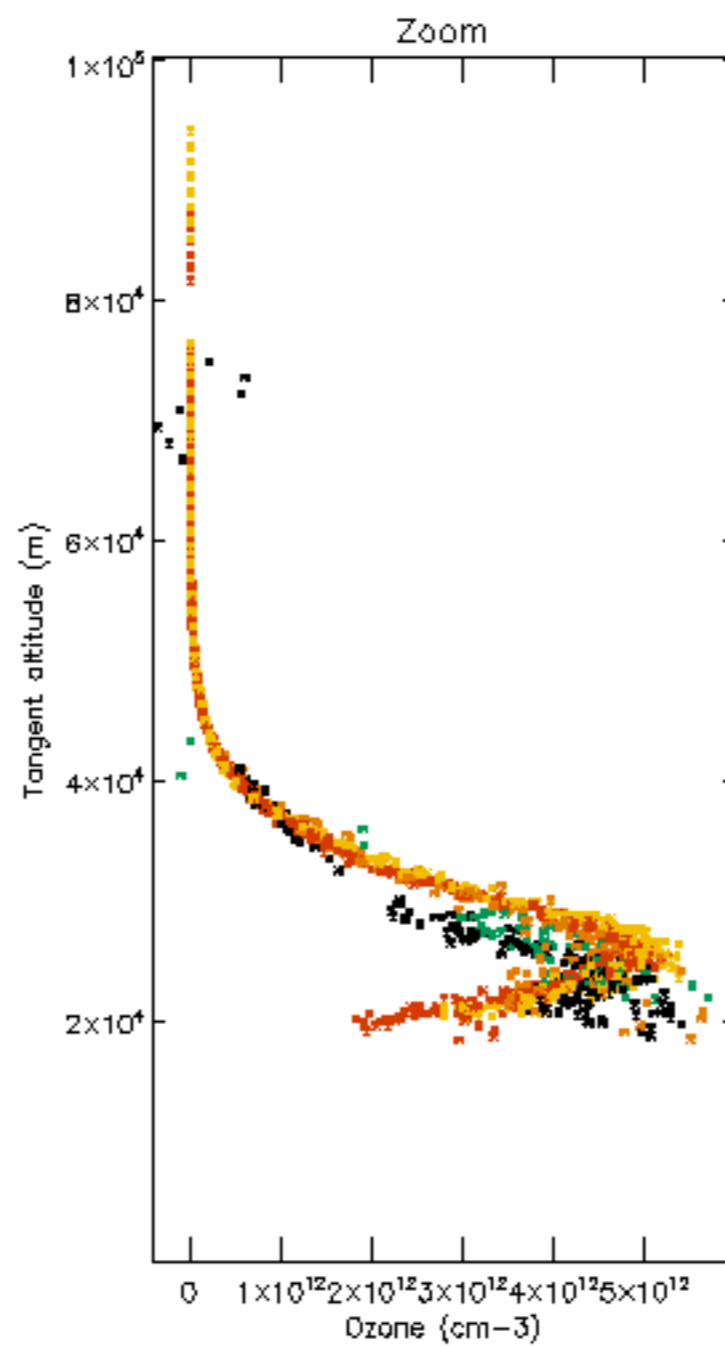
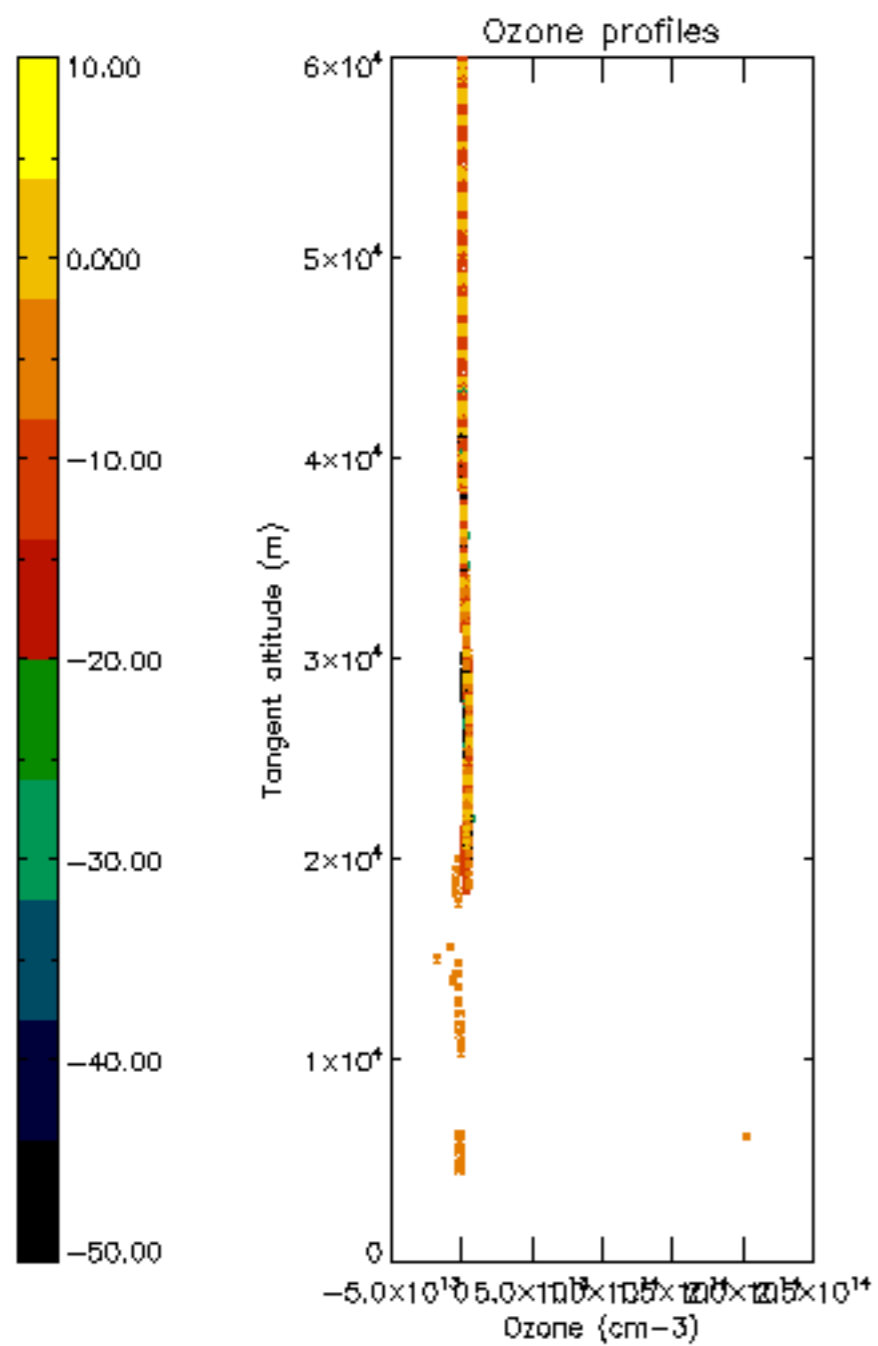


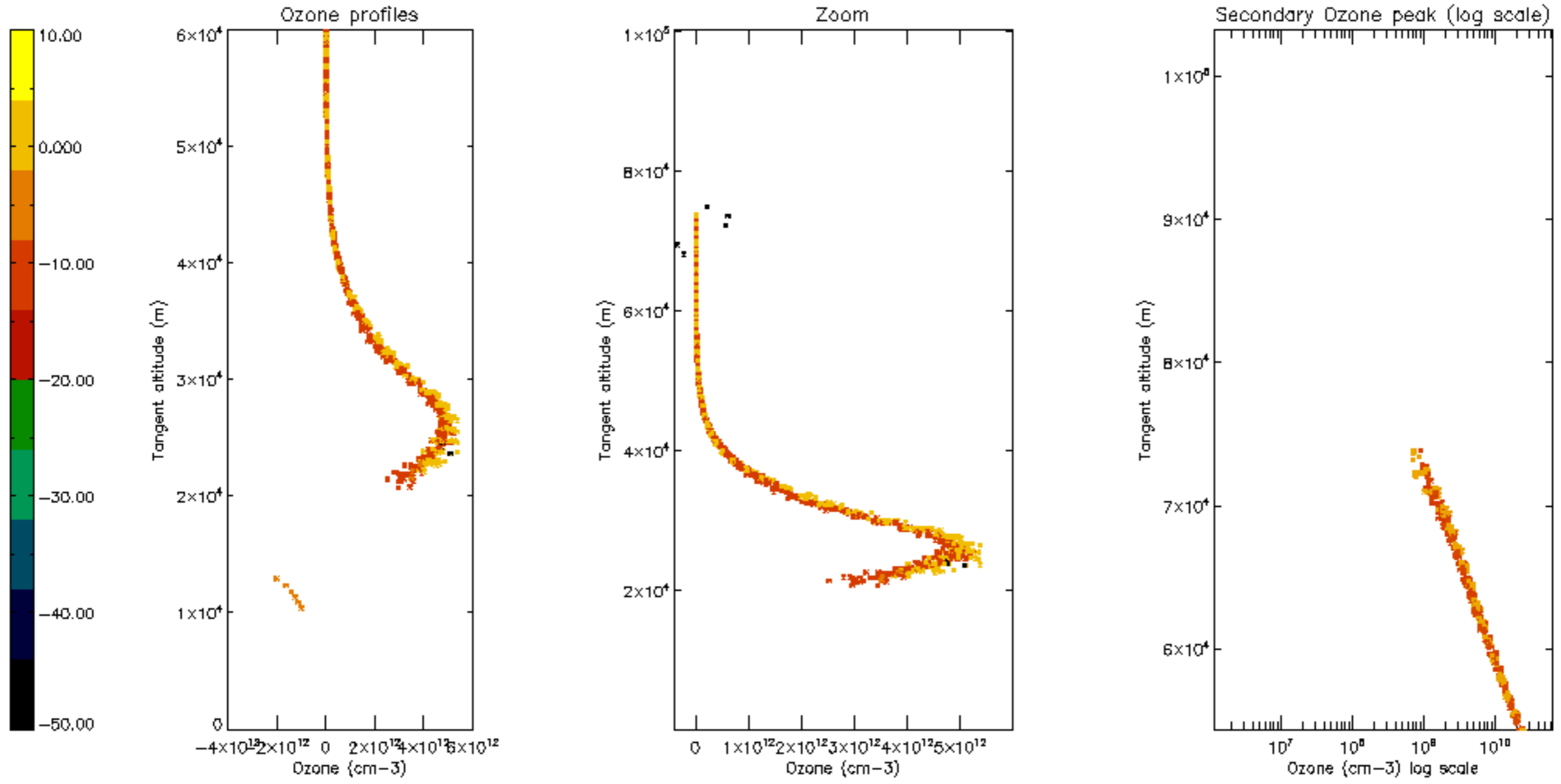
Percentage of saturation errors per profile

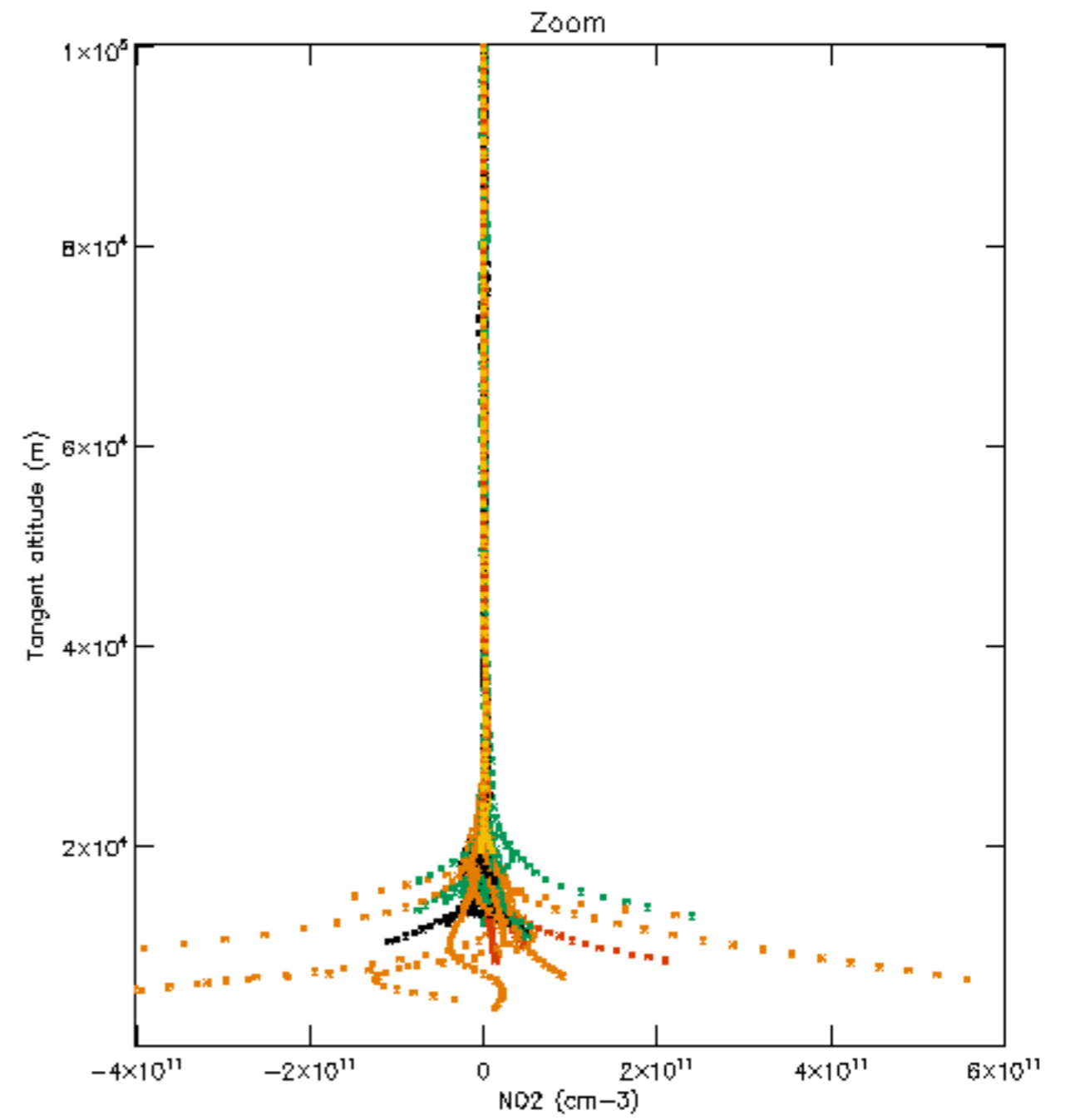
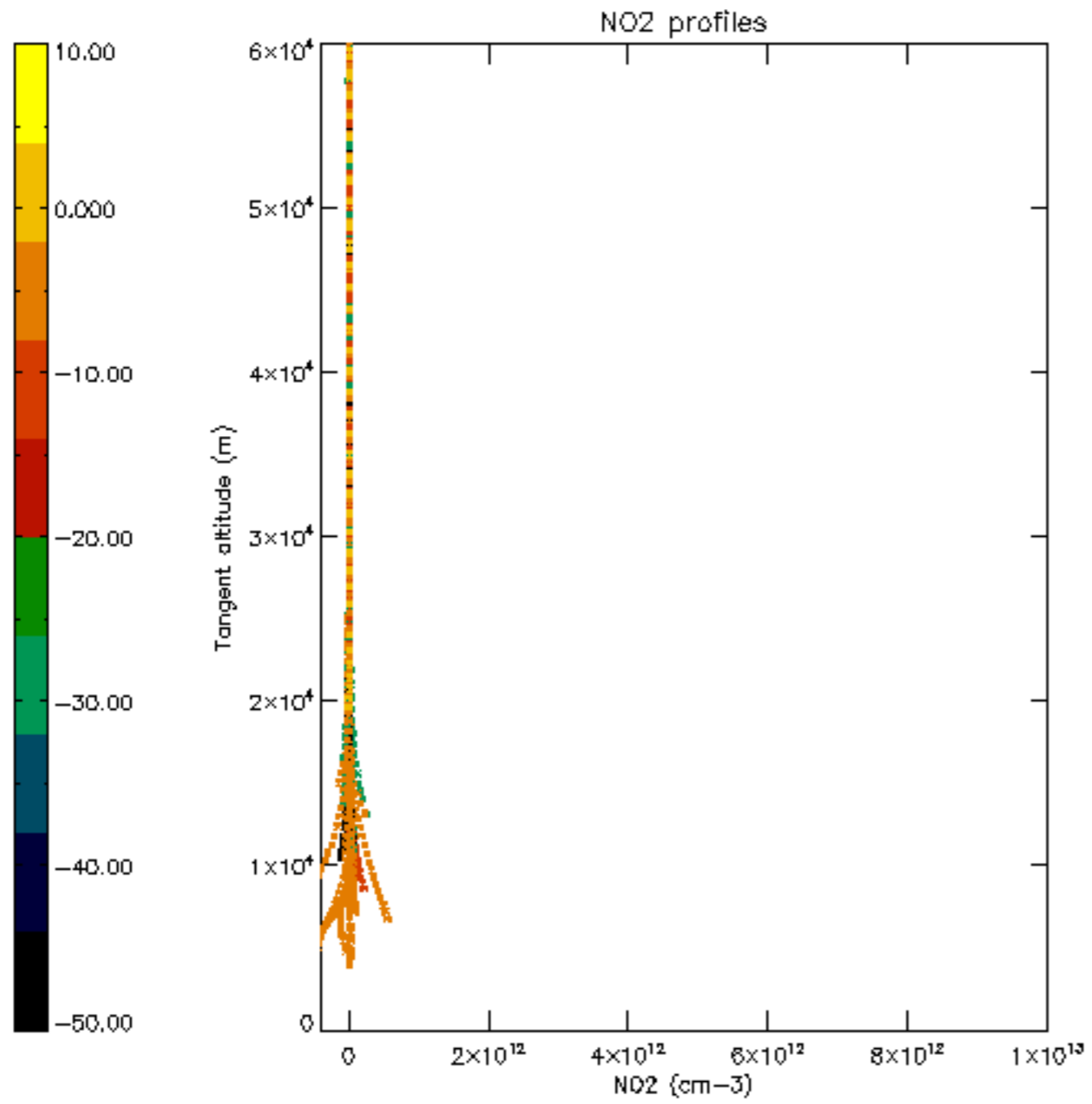


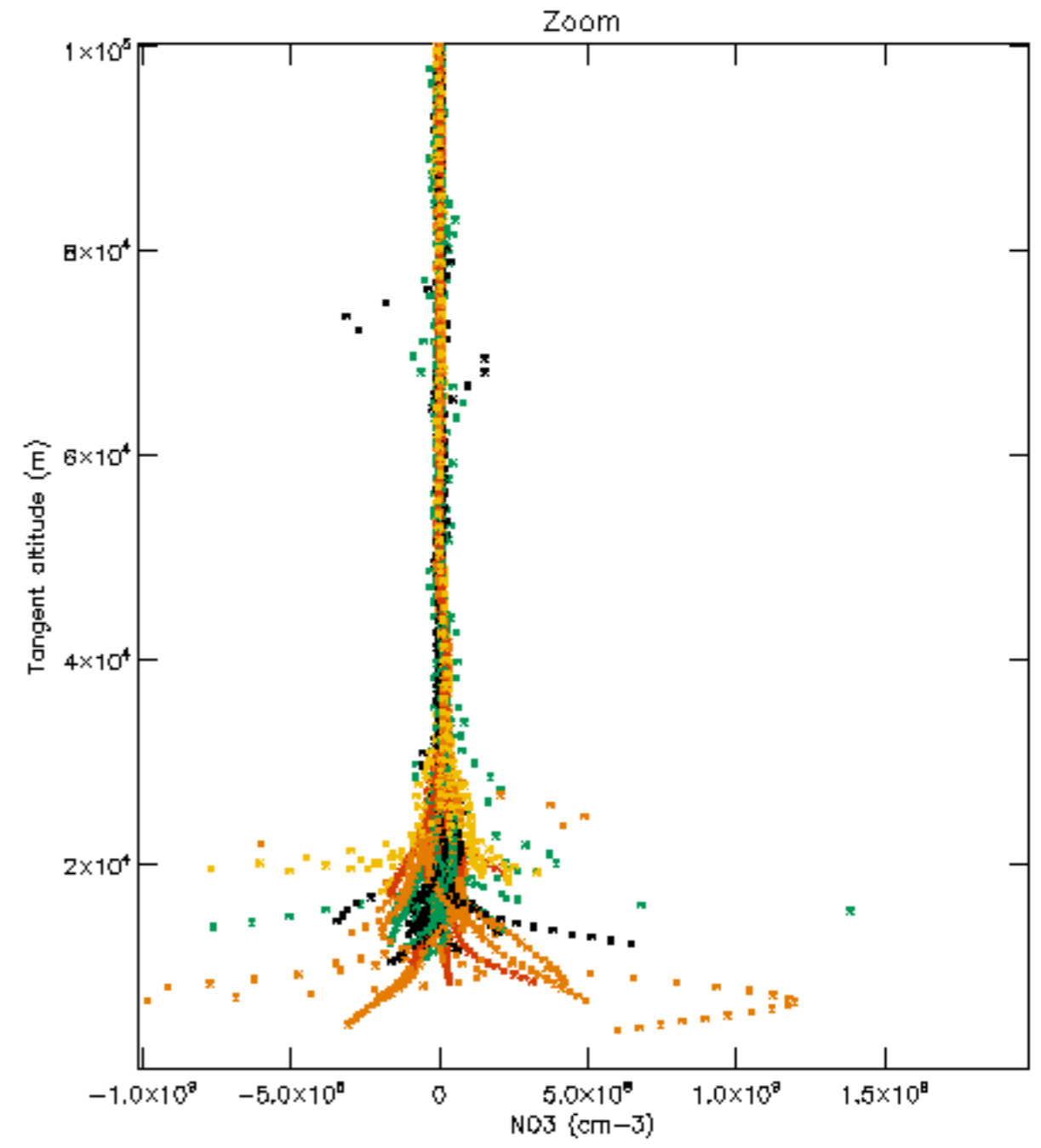
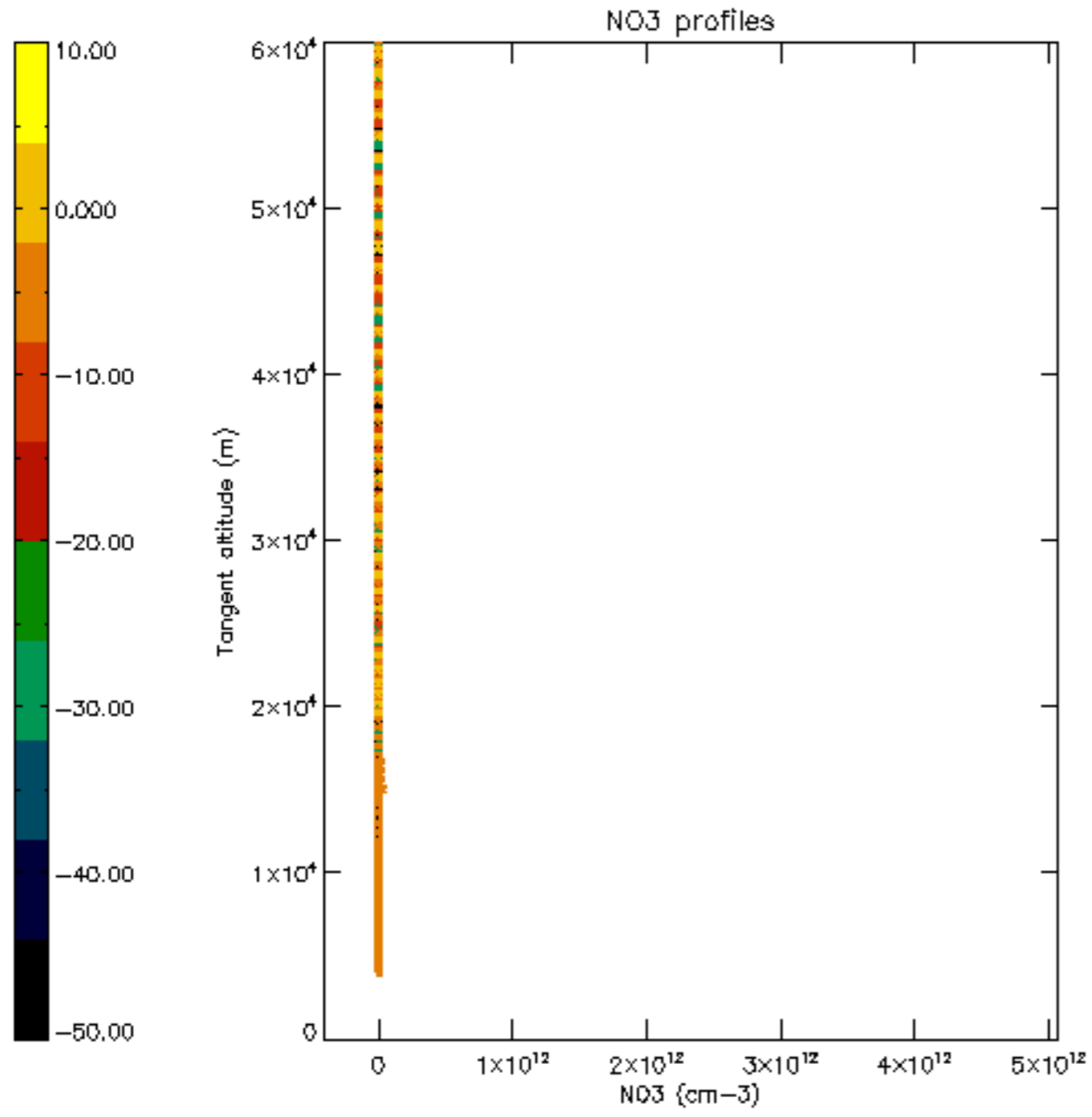


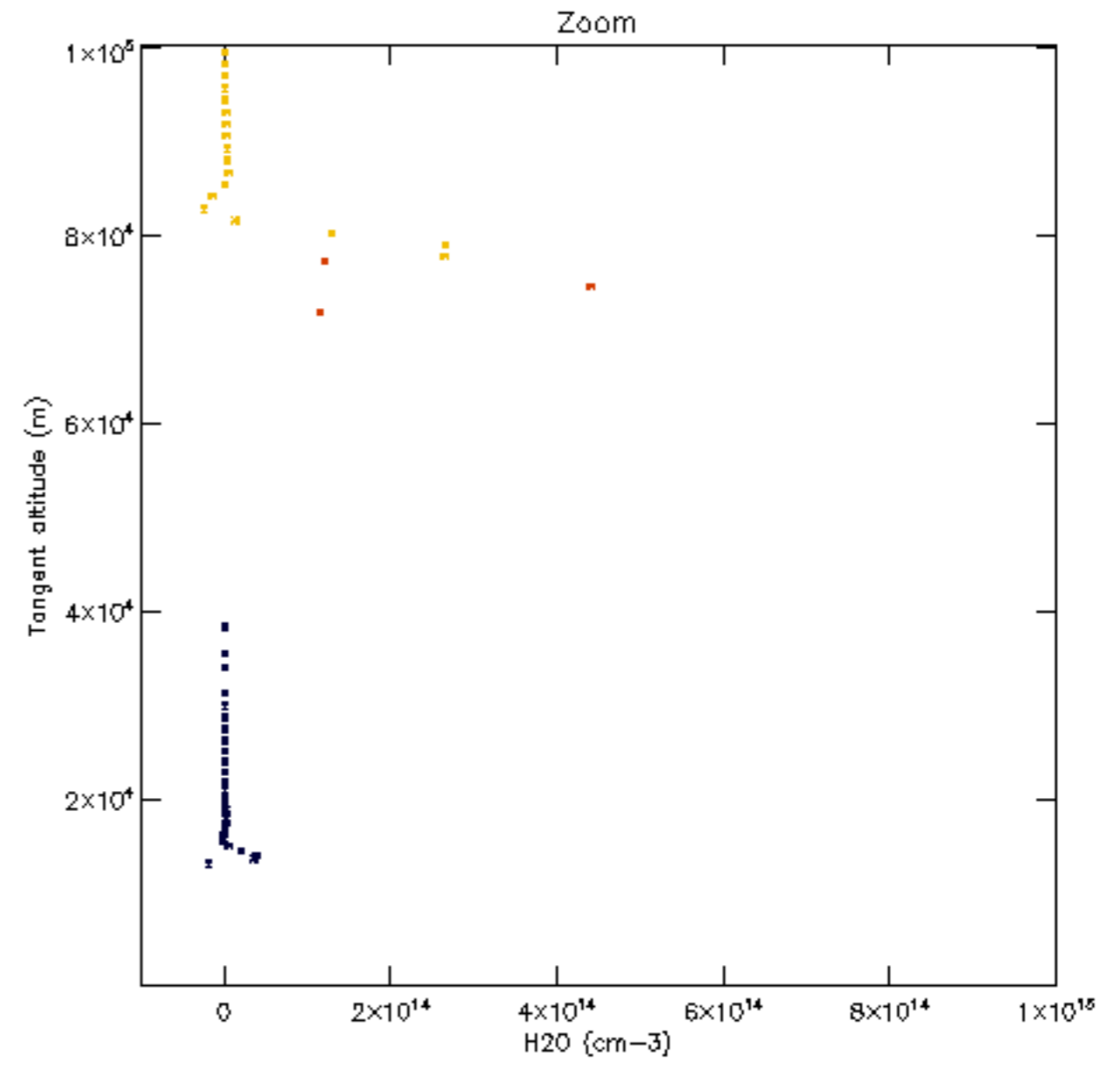
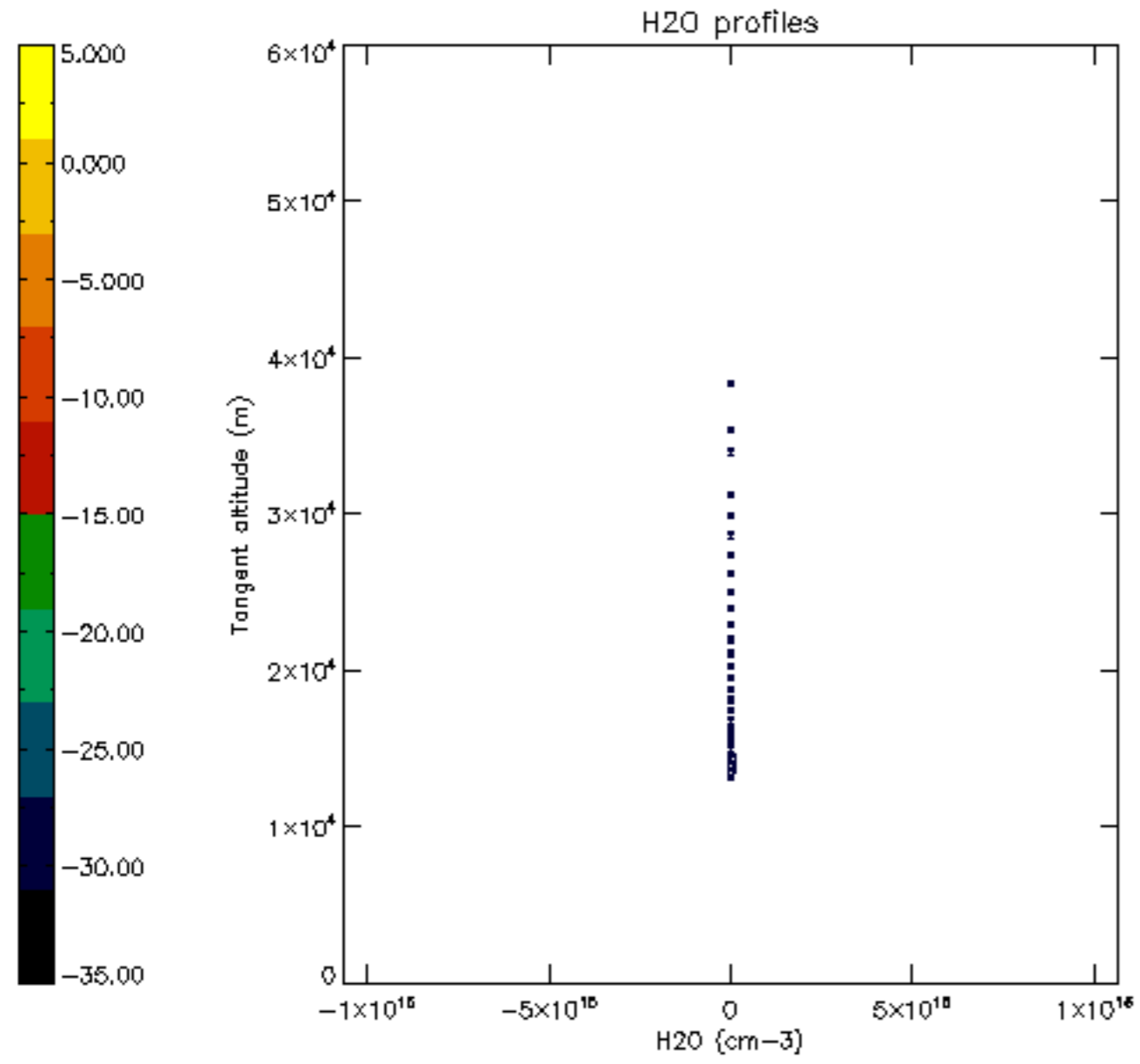


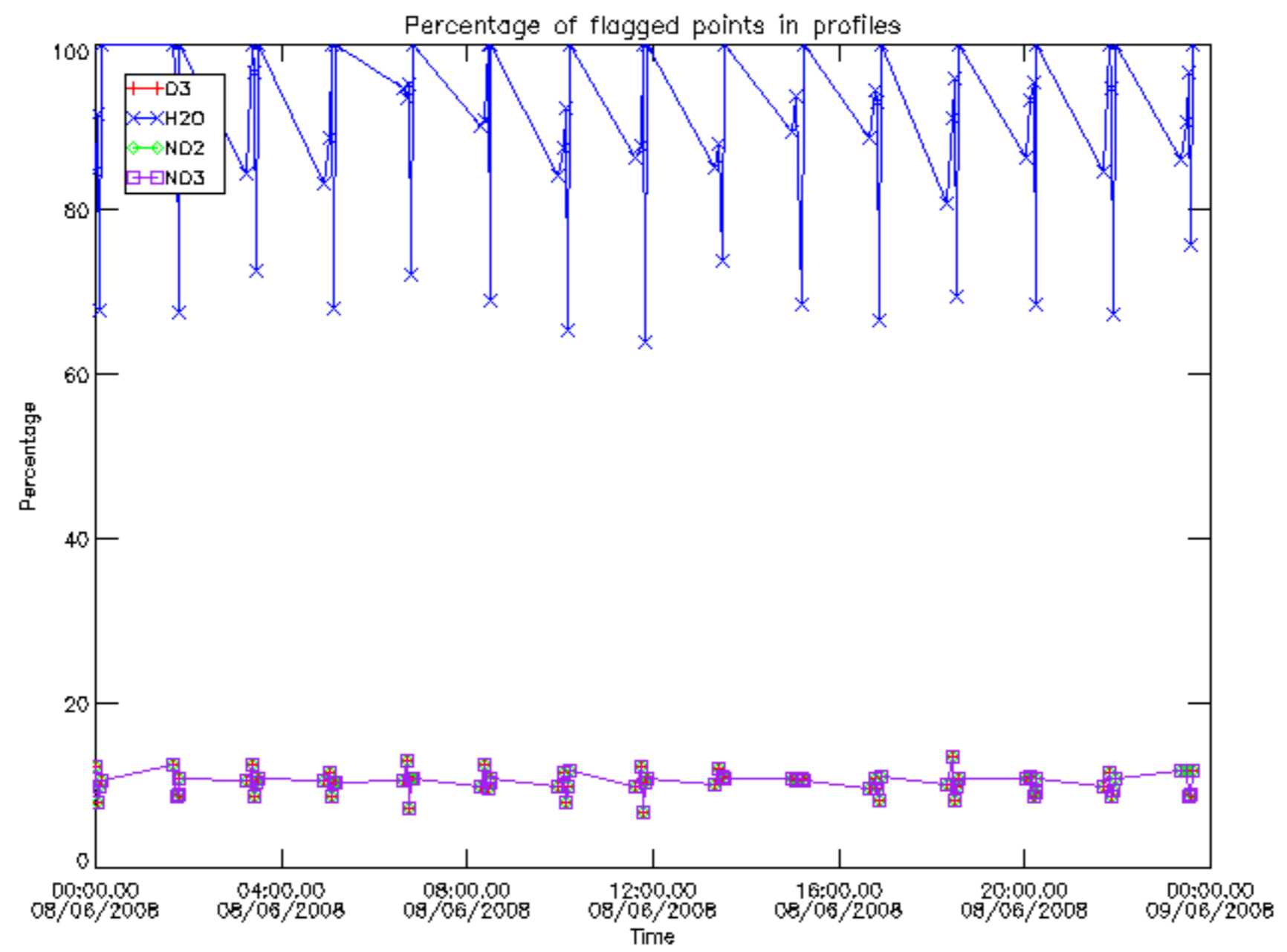




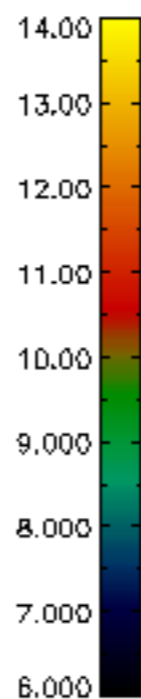
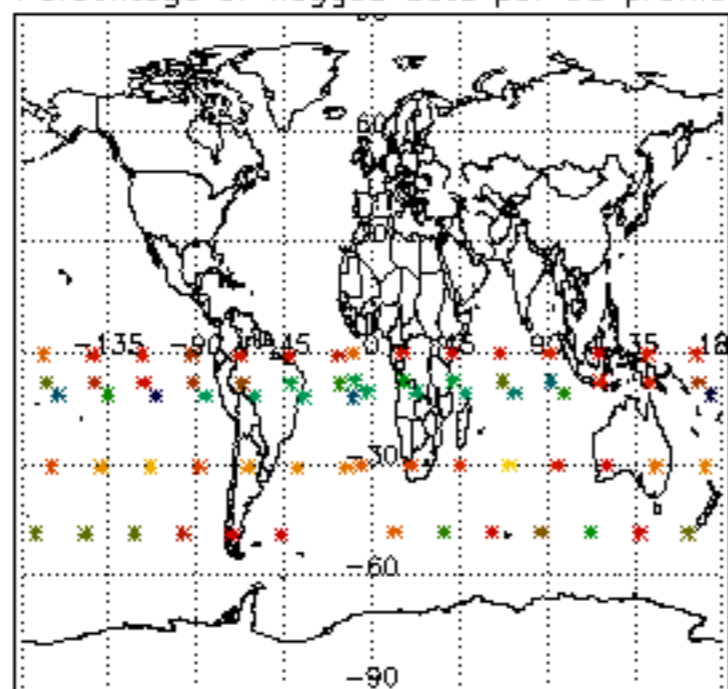




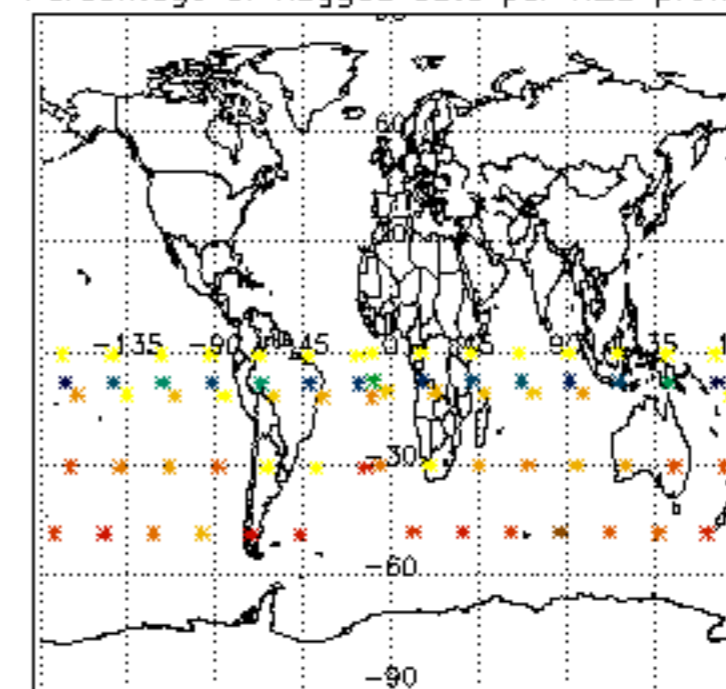




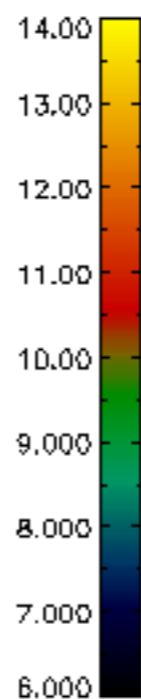
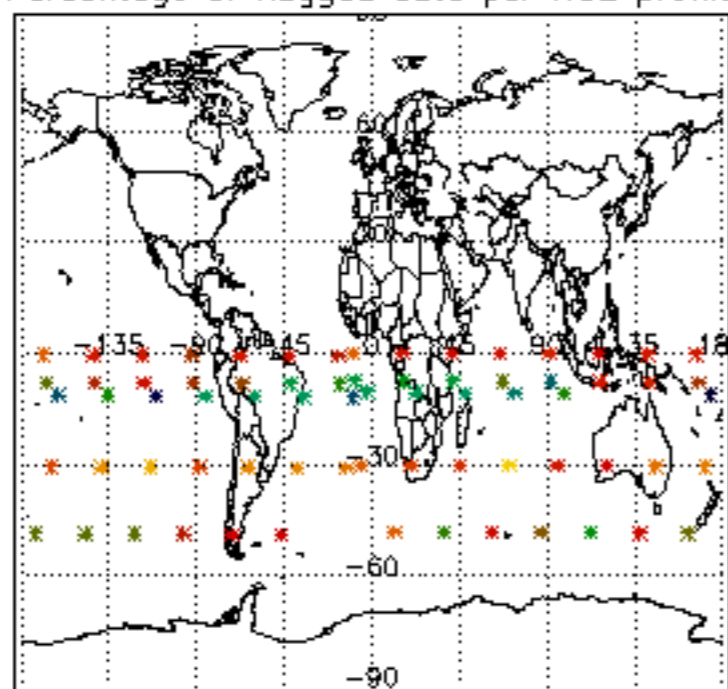
Percentage of flagged data per D3 profile



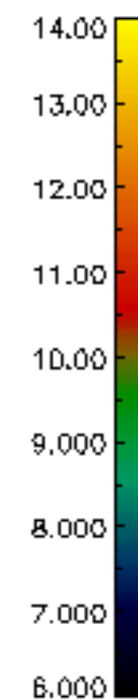
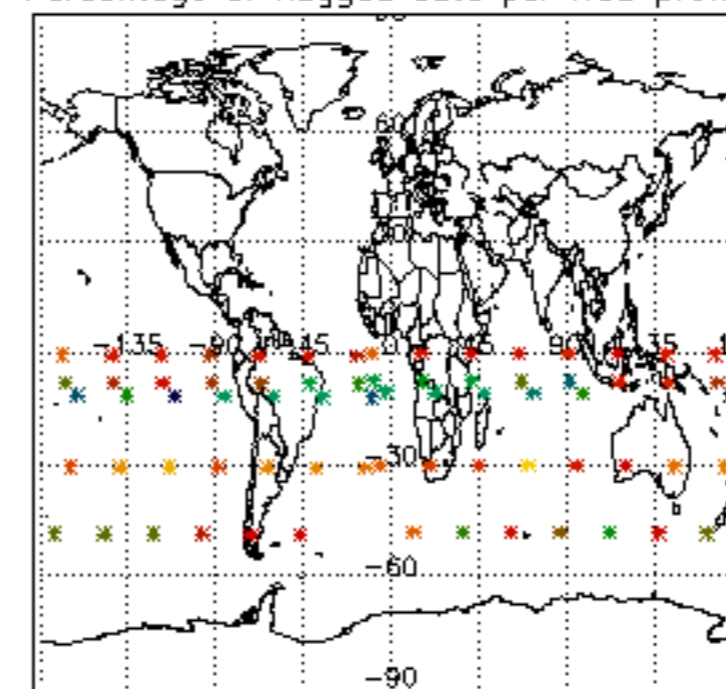
Percentage of flagged data per H2O profile

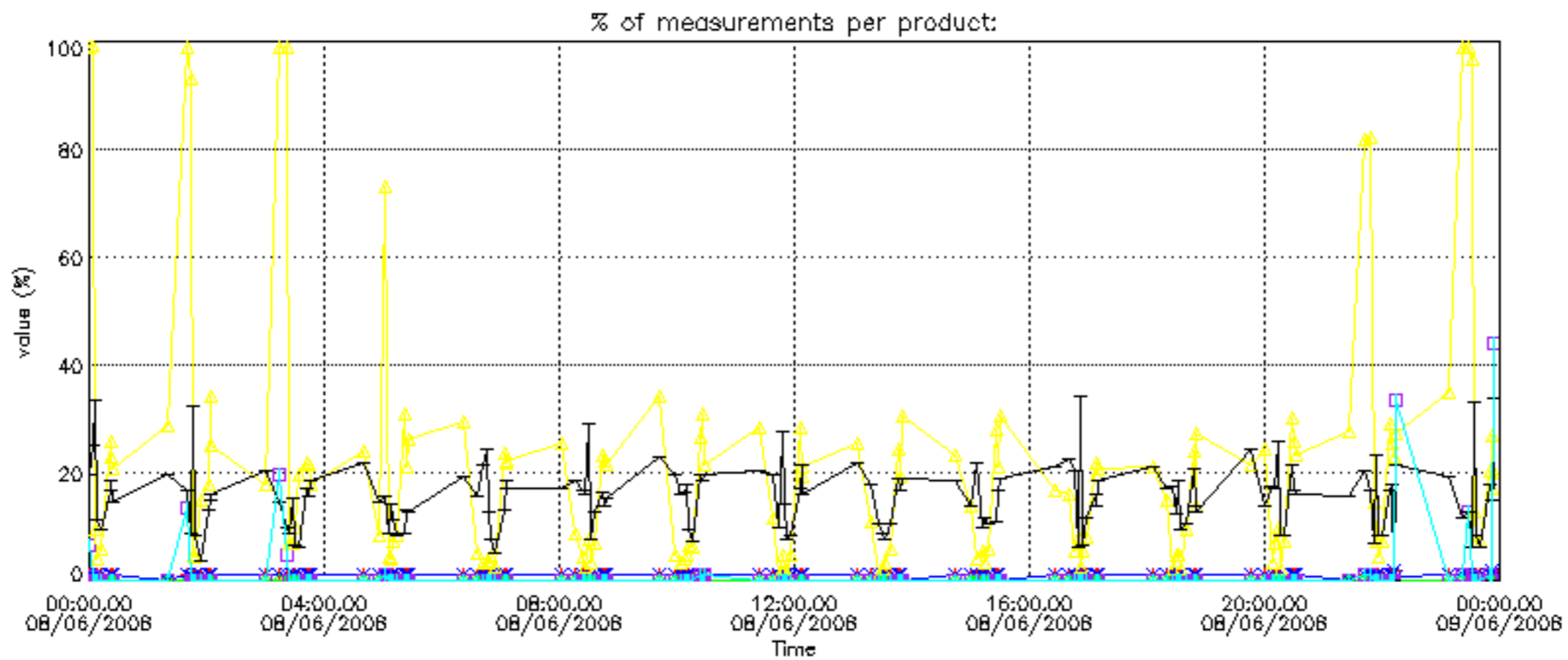


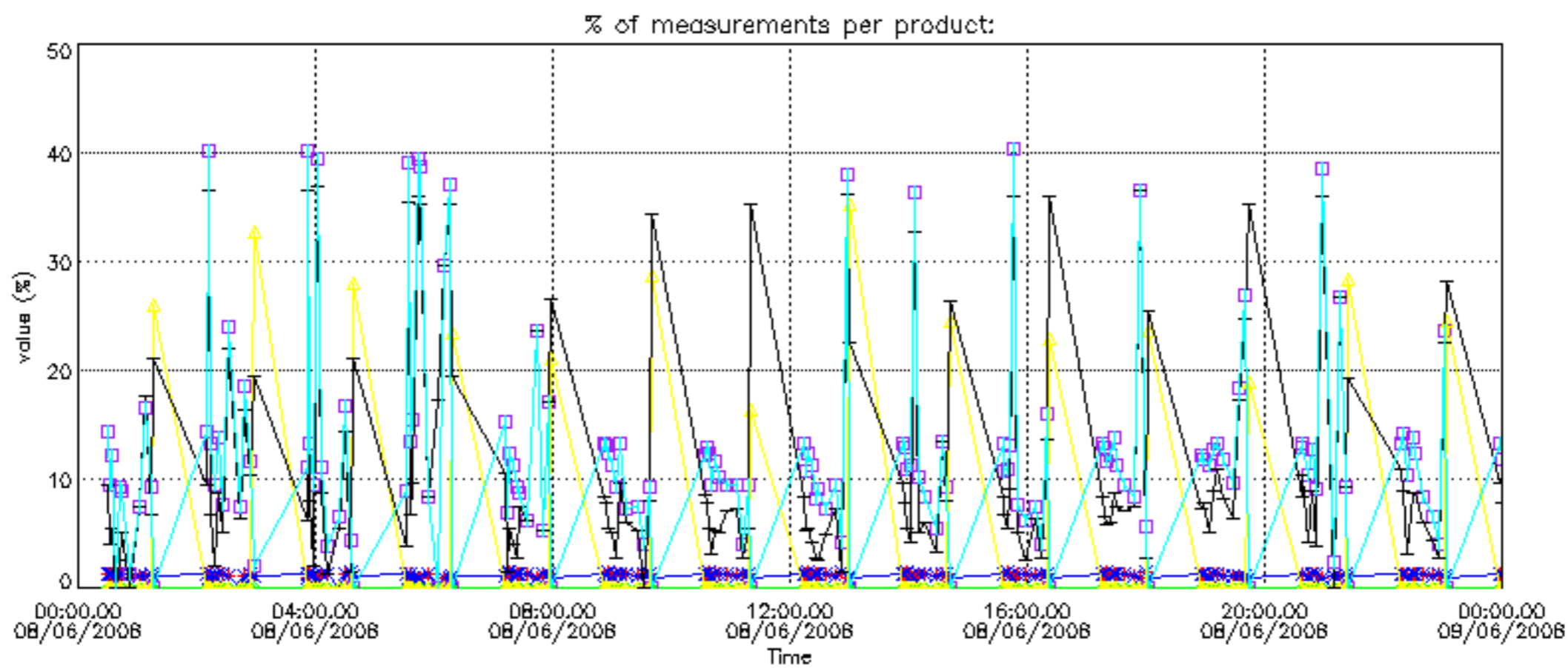
Percentage of flagged data per NO2 profile



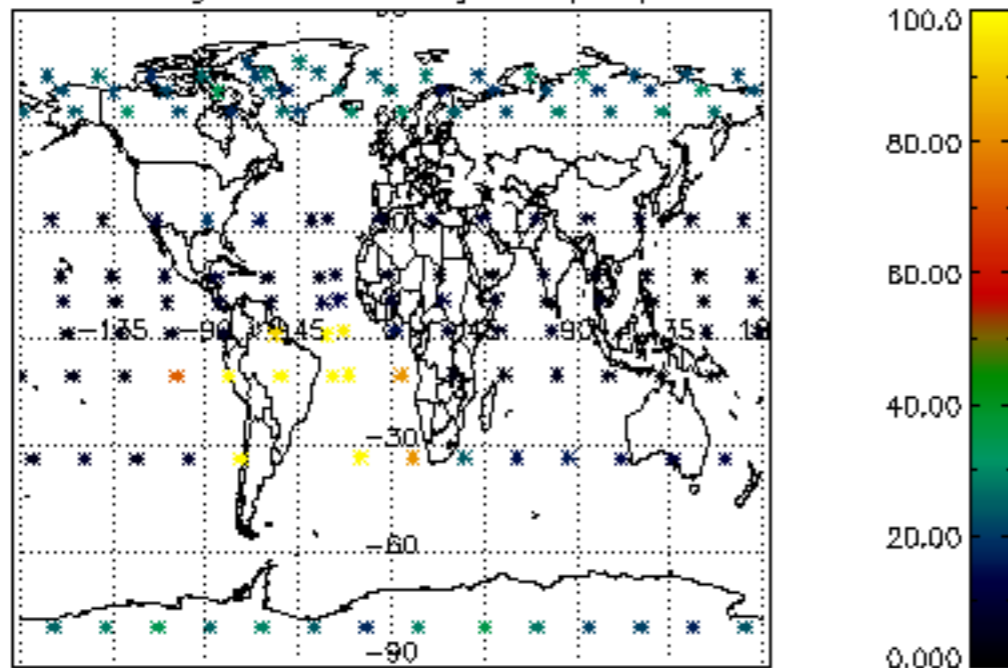
Percentage of flagged data per NO3 profile



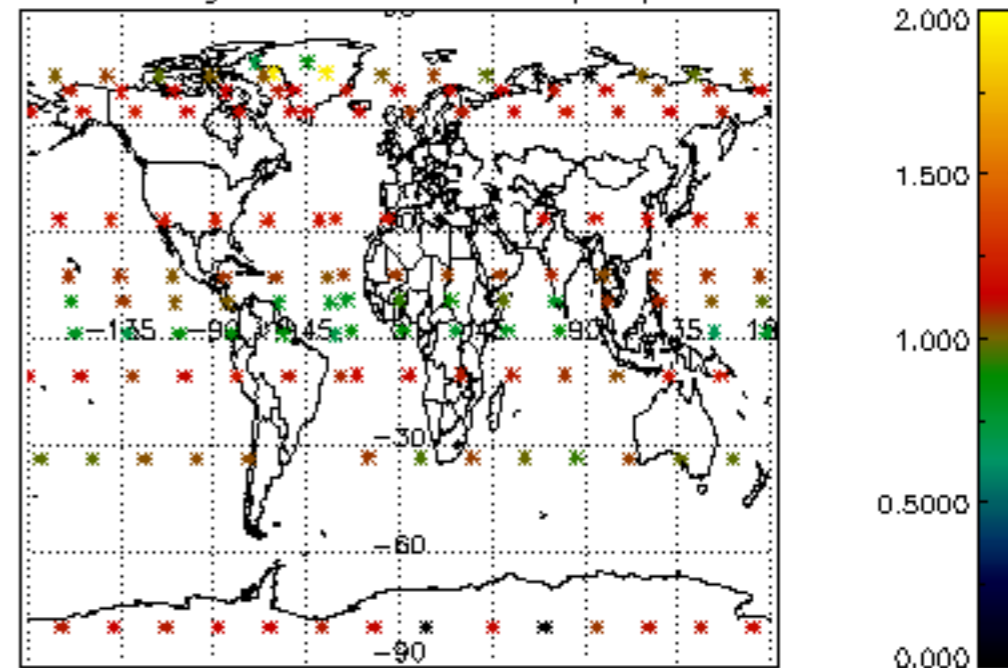




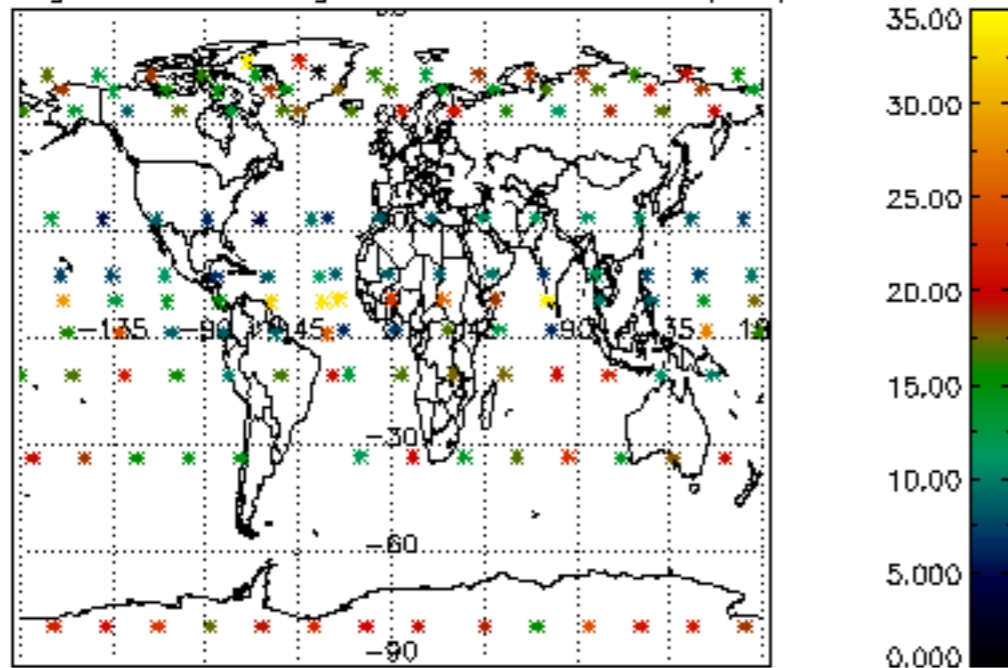
Percentage of cosmic ray hits per profile



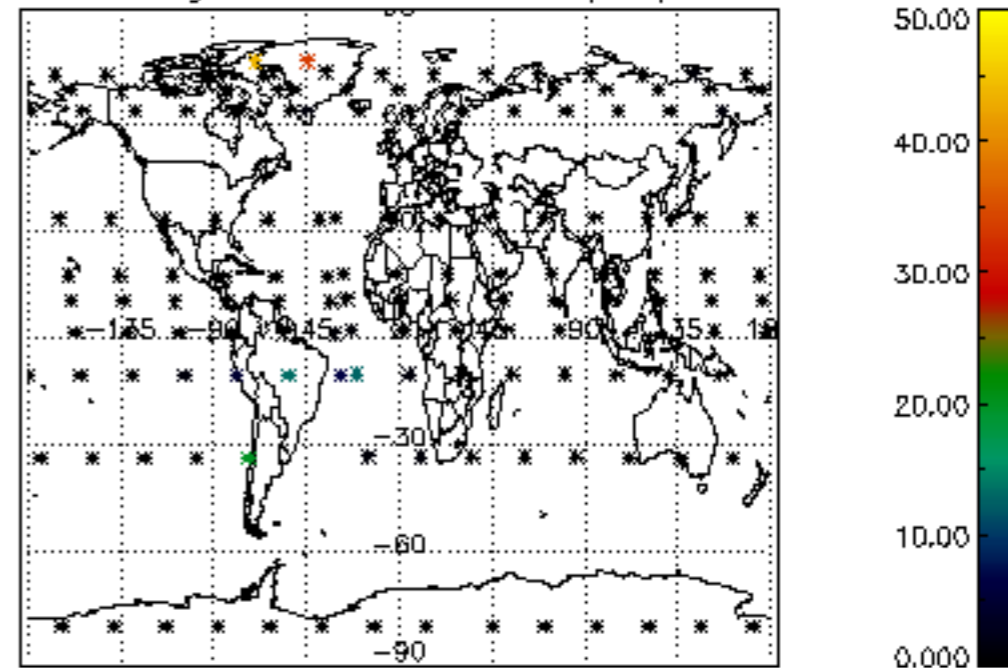
Percentage of datation errors per profile



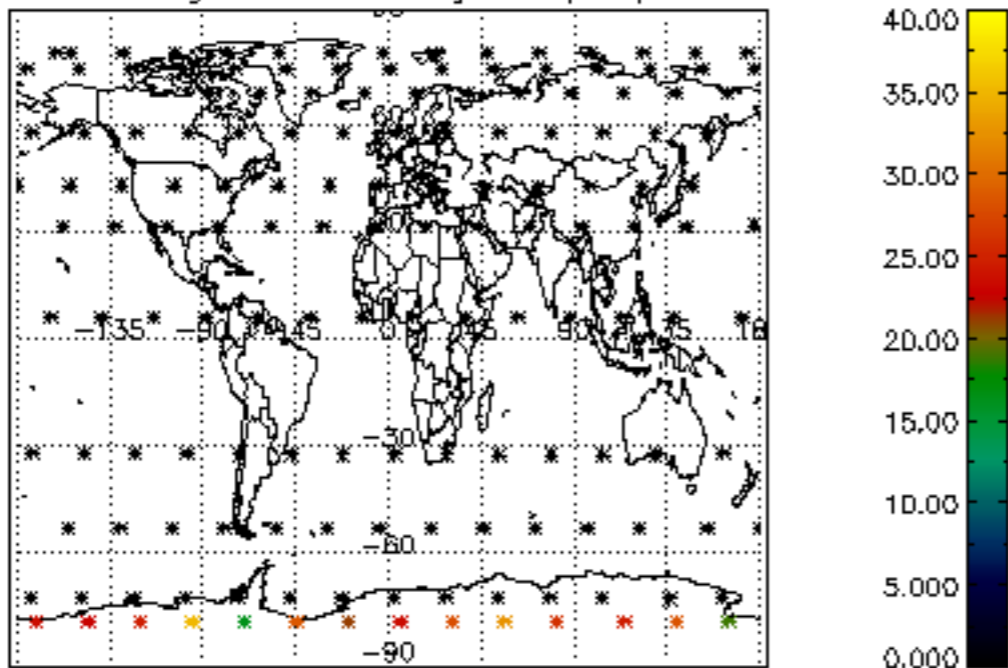
Percentage of star falling outside central band per profile



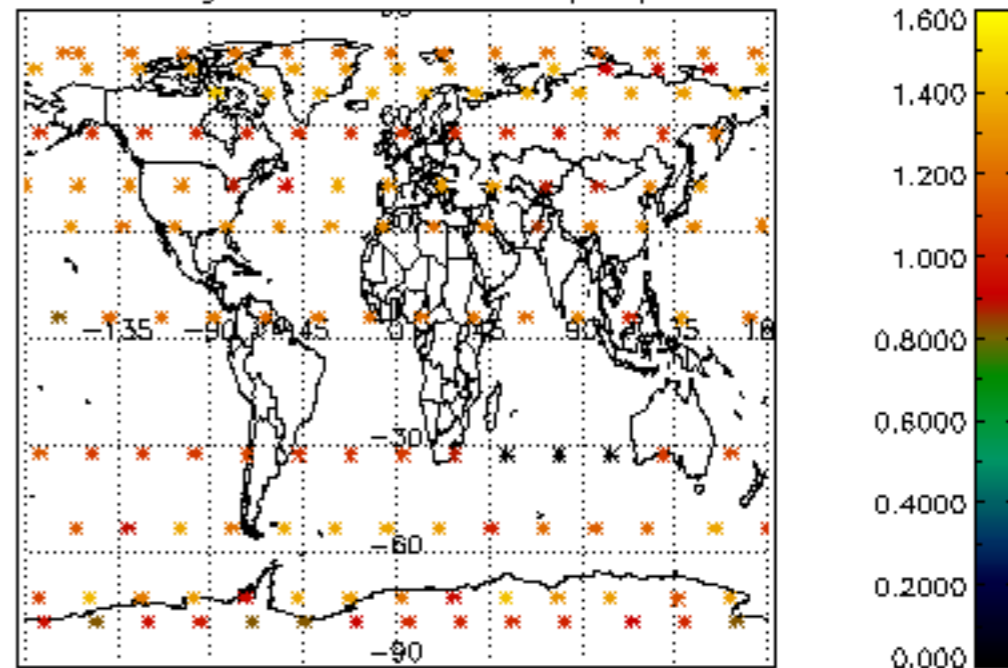
Percentage of saturation errors per profile



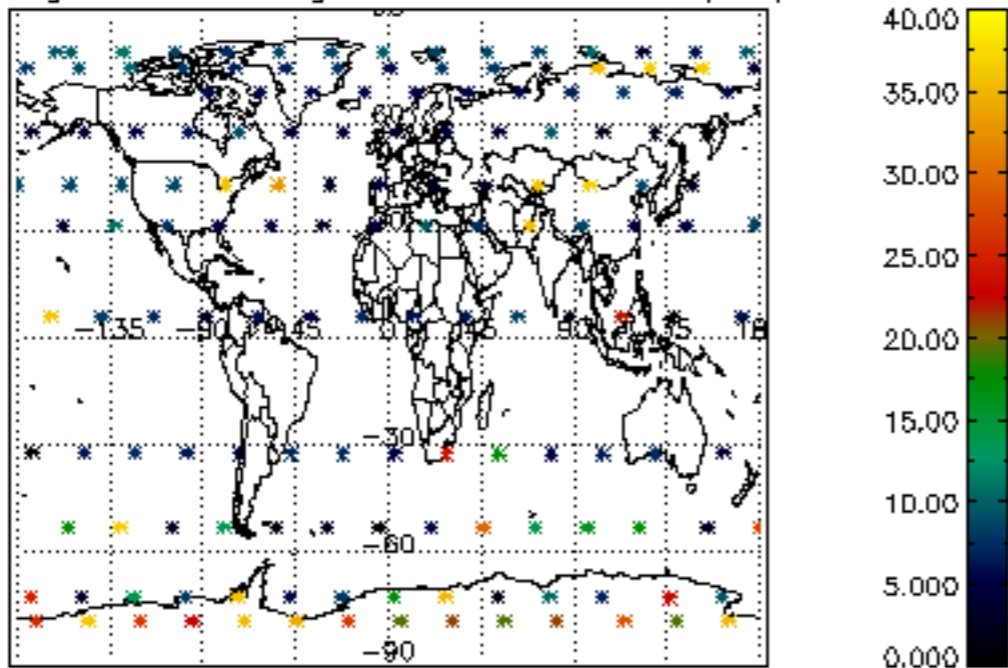
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

