

# 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 16:02:48
Data source version	GOMOS/6.01
Start time of products	11-06-2008 (11JUN2008 00:00:00)
Stop time of products	12-06-2008 (12JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	289
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__2PRFIN20080611_000622_000000422069_00216_32835_7187.N1	11-JUN-2008 00:06:22	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32835	No
2	GOM_NL__2PRFIN20080611_001222_000000512069_00217_32836_7180.N1	11-JUN-2008 00:12:22	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32836	No
3	GOM_NL__2PRFIN20080611_001423_000000482069_00217_32836_7181.N1	11-JUN-2008 00:14:23	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32836	No
4	GOM_NL__2PRFIN20080611_001554_000000562069_00217_32836_7182.N1	11-JUN-2008 00:15:54	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32836	No
5	GOM_NL__2PRFIN20080611_001837_000000412069_00217_32836_7183.N1	11-JUN-2008 00:18:37	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32836	No
6	GOM_NL__2PRFIN20080611_002705_000000432069_00217_32836_7184.N1	11-JUN-2008 00:27:05	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32836	No
7	GOM_NL__2PRFIN20080611_002850_000000432069_00217_32836_7185.N1	11-JUN-2008 00:28:50	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	32836	No
8	GOM_NL__2PRFIN20080611_003029_000000742069_00217_32836_7186.N1	11-JUN-2008 00:30:29	Bright	73.500	57	34Sig Sgr	2.0660	26000.	147	32836	No
9	GOM_NL__2PRFIN20080611_003537_000000412069_00217_32836_7187.N1	11-JUN-2008 00:35:37	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32836	No
10	GOM_NL__2PRFIN20080611_003723_000000382069_00217_32836_7188.N1	11-JUN-2008 00:37:23	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32836	No
11	GOM_NL__2PRFIN20080611_004237_000000462069_00217_32836_7189.N1	11-JUN-2008 00:42:37	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32836	No
12	GOM_NL__2PRFIN20080611_004514_000000472069_00217_32836_7190.N1	11-JUN-2008 00:45:14	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	32836	No
13	GOM_NL__2PRFIN20080611_004656_000000362069_00217_32836_7191.N1	11-JUN-2008 00:46:56	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	32836	No
14	GOM_NL__2PRFIN20080611_005005_000000402069_00217_32836_7192.N1	11-JUN-2008 00:50:05	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	32836	No
15	GOM_NL__2PRFIN20080611_005707_000000392069_00217_32836_7193.N1	11-JUN-2008 00:57:07	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	32836	No
16	GOM_NL__2PRFIN20080611_010747_000000462069_00217_32836_7194.N1	11-JUN-2008 01:07:47	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32836	No
17	GOM_NL__2PRFIN20080611_011401_000000372069_00217_32836_7195.N1	11-JUN-2008 01:14:01	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32836	No
18	GOM_NL__2PRFIN20080611_011958_000000392069_00217_32836_7196.N1	11-JUN-2008 01:19:58	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32836	No
19	GOM_NL__2PRFIN20080611_012218_000000552069_00217_32836_7197.N1	11-JUN-2008 01:22:18	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	32836	No
20	GOM_NL__2PRFIN20080611_012538_000000472069_00217_32836_7198.N1	11-JUN-2008 01:25:38	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32836	No
21	GOM_NL__2PRFIN20080611_014033_000000522069_00217_32836_7199.N1	11-JUN-2008 01:40:33	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32836	No
22	GOM_NL__2PRFIN20080611_014659_000000442069_00217_32836_7200.N1	11-JUN-2008 01:46:59	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32836	No
23	GOM_NL__2PRFIN20080611_015258_000000502069_00218_32837_7201.N1	11-JUN-2008 01:52:58	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32837	No
24	GOM_NL__2PRFIN20080611_015500_000000512069_00218_32837_7202.N1	11-JUN-2008 01:55:00	Dark	51.000	31	Alp Gru	1.7340	15200.	102	32837	No
25	GOM_NL__2PRFIN20080611_015632_000000582069_00218_32837_7203.N1	11-JUN-2008 01:56:32	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	32837	No
26	GOM_NL__2PRFIN20080611_015913_000000422069_00218_32837_7204.N1	11-JUN-2008 01:59:13	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32837	No
27	GOM_NL__2PRFIN20080611_020744_000000462069_00218_32837_7205.N1	11-JUN-2008 02:07:44	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32837	No
28	GOM_NL__2PRFIN20080611_020926_000000432069_00218_32837_7206.N1	11-JUN-2008 02:09:26	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	32837	No
29	GOM_NL__2PRFIN20080611_021106_000000692069_00218_32837_7207.N1	11-JUN-2008 02:11:06	Bright	68.500	57	34Sig Sgr	2.0660	26000.	137	32837	No
30	GOM_NL__2PRFIN20080611_021614_000000402069_00218_32837_7208.N1	11-JUN-2008 02:16:14	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32837	No
31	GOM_NL__2PRFIN20080611_021759_000000382069_00218_32837_7209.N1	11-JUN-2008 02:17:59	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32837	No
32	GOM_NL__2PRFIN20080611_022313_000000462069_00218_32837_7210.N1	11-JUN-2008 02:23:13	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32837	No
33	GOM_NL__2PRFIN20080611_022549_000000462069_00218_32837_7211.N1	11-JUN-2008 02:25:49	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32837	No
34	GOM_NL__2PRFIN20080611_022732_000000392069_00218_32837_7212.N1	11-JUN-2008 02:27:32	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32837	No
35	GOM_NL__2PRFIN20080611_023040_000000402069_00218_32837_7213.N1	11-JUN-2008 02:30:40	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32837	No
36	GOM_NL__2PRFIN20080611_023742_000000402069_00218_32837_7214.N1	11-JUN-2008 02:37:42	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32837	No
37	GOM_NL__2PRFIN20080611_024823_000000472069_00218_32837_7215.N1	11-JUN-2008 02:48:23	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32837	No
38	GOM_NL__2PRFIN20080611_025436_000000582069_00218_32837_7216.N1	11-JUN-2008 02:54:36	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	32837	No
39	GOM_NL__2PRFIN20080611_030034_000000392069_00218_32837_7217.N1	11-JUN-2008 03:00:34	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32837	No
40	GOM_NL__2PRFIN20080611_030254_000000572069_00218_32837_7218.N1	11-JUN-2008 03:02:54	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	32837	No
41	GOM_NL__2PRFIN20080611_030614_000000472069_00218_32837_7219.N1	11-JUN-2008 03:06:14	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32837	No
42	GOM_NL__2PRFIN20080611_032109_000000512069_00218_32837_7220.N1	11-JUN-2008 03:21:09	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32837	No

43	GOM_NL__2PRFIN20080611_032735_000000462069_00218_32837_7221.N1	11-JUN-2008 03:27:35	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32837	No
44	GOM_NL__2PRFIN20080611_033335_000000512069_00219_32838_7216.N1	11-JUN-2008 03:33:35	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32838	No
45	GOM_NL__2PRFIN20080611_033537_000000492069_00219_32838_7217.N1	11-JUN-2008 03:35:37	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32838	No
46	GOM_NL__2PRFIN20080611_033709_000000562069_00219_32838_7218.N1	11-JUN-2008 03:37:09	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32838	No
47	GOM_NL__2PRFIN20080611_033950_000000452069_00219_32838_7219.N1	11-JUN-2008 03:39:50	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	32838	No
48	GOM_NL__2PRFIN20080611_035002_000000412069_00219_32838_7220.N1	11-JUN-2008 03:50:02	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	32838	No
49	GOM_NL__2PRFIN20080611_035142_000000562069_00219_32838_7221.N1	11-JUN-2008 03:51:42	Bright	56.000	57	34Sig Sgr	2.0660	26000.	112	32838	No
50	GOM_NL__2PRFIN20080611_035650_000000402069_00219_32838_7222.N1	11-JUN-2008 03:56:50	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32838	No
51	GOM_NL__2PRFIN20080611_035835_000000382069_00219_32838_7223.N1	11-JUN-2008 03:58:35	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32838	No
52	GOM_NL__2PRFIN20080611_040348_000000472069_00219_32838_7224.N1	11-JUN-2008 04:03:48	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32838	No
53	GOM_NL__2PRFIN20080611_040625_000000452069_00219_32838_7225.N1	11-JUN-2008 04:06:25	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	32838	No
54	GOM_NL__2PRFIN20080611_040808_000000382069_00219_32838_7226.N1	11-JUN-2008 04:08:08	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32838	No
55	GOM_NL__2PRFIN20080611_041116_000000392069_00219_32838_7227.N1	11-JUN-2008 04:11:16	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32838	No
56	GOM_NL__2PRFIN20080611_041818_000000412069_00219_32838_7228.N1	11-JUN-2008 04:18:18	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32838	No
57	GOM_NL__2PRFIN20080611_042858_000000472069_00219_32838_7229.N1	11-JUN-2008 04:28:58	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32838	No
58	GOM_NL__2PRFIN20080611_043512_000000372069_00219_32838_7230.N1	11-JUN-2008 04:35:12	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32838	No
59	GOM_NL__2PRFIN20080611_044110_000000392069_00219_32838_7231.N1	11-JUN-2008 04:41:10	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32838	No
60	GOM_NL__2PRFIN20080611_044330_000000532069_00219_32838_7232.N1	11-JUN-2008 04:43:30	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	32838	No
61	GOM_NL__2PRFIN20080611_044650_000000452069_00219_32838_7233.N1	11-JUN-2008 04:46:50	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32838	No
62	GOM_NL__2PRFIN20080611_050146_000000542069_00219_32838_7234.N1	11-JUN-2008 05:01:46	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32838	No
63	GOM_NL__2PRFIN20080611_050812_000000462069_00219_32838_7235.N1	11-JUN-2008 05:08:12	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32838	No
64	GOM_NL__2PRFIN20080611_051412_000000482069_00220_32839_7228.N1	11-JUN-2008 05:14:12	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32839	No
65	GOM_NL__2PRFIN20080611_051614_000000472069_00220_32839_7229.N1	11-JUN-2008 05:16:14	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32839	No
66	GOM_NL__2PRFIN20080611_051746_000000562069_00220_32839_7230.N1	11-JUN-2008 05:17:46	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32839	No
67	GOM_NL__2PRFIN20080611_052027_000000422069_00220_32839_7231.N1	11-JUN-2008 05:20:27	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32839	No
68	GOM_NL__2PRFIN20080611_053039_000000442069_00220_32839_7232.N1	11-JUN-2008 05:30:39	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32839	No
69	GOM_NL__2PRFIN20080611_053219_000000682069_00220_32839_7233.N1	11-JUN-2008 05:32:19	Bright	67.500	57	34Sig Sgr	2.0660	26000.	135	32839	No
70	GOM_NL__2PRFIN20080611_053726_000000412069_00220_32839_7234.N1	11-JUN-2008 05:37:26	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32839	No
71	GOM_NL__2PRFIN20080611_053911_000000372069_00220_32839_7235.N1	11-JUN-2008 05:39:11	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32839	No
72	GOM_NL__2PRFIN20080611_054424_000000462069_00220_32839_7236.N1	11-JUN-2008 05:44:24	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32839	No
73	GOM_NL__2PRFIN20080611_054700_000000462069_00220_32839_7237.N1	11-JUN-2008 05:47:00	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32839	No
74	GOM_NL__2PRFIN20080611_054843_000000382069_00220_32839_7238.N1	11-JUN-2008 05:48:43	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32839	No
75	GOM_NL__2PRFIN20080611_055152_000000572069_00220_32839_7239.N1	11-JUN-2008 05:51:52	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	32839	No
76	GOM_NL__2PRFIN20080611_055853_000000422069_00220_32839_7240.N1	11-JUN-2008 05:58:53	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32839	No
77	GOM_NL__2PRFIN20080611_060934_000000472069_00220_32839_7241.N1	11-JUN-2008 06:09:34	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32839	No
78	GOM_NL__2PRFIN20080611_061548_000000412069_00220_32839_7242.N1	11-JUN-2008 06:15:48	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32839	No
79	GOM_NL__2PRFIN20080611_062146_000000382069_00220_32839_7243.N1	11-JUN-2008 06:21:46	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32839	No
80	GOM_NL__2PRFIN20080611_062406_000000572069_00220_32839_7244.N1	11-JUN-2008 06:24:06	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	32839	No
81	GOM_NL__2PRFIN20080611_062726_000000492069_00220_32839_7245.N1	11-JUN-2008 06:27:26	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	32839	No
82	GOM_NL__2PRFIN20080611_064223_000000542069_00220_32839_7246.N1	11-JUN-2008 06:42:23	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32839	No
83	GOM_NL__2PRFIN20080611_064849_000000472069_00220_32839_7247.N1	11-JUN-2008 06:48:49	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	32839	No
84	GOM_NL__2PRFIN20080611_065449_000000622069_00221_32840_7240.N1	11-JUN-2008 06:54:49	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	32840	No
85	GOM_NL__2PRFIN20080611_065651_000000492069_00221_32840_7241.N1	11-JUN-2008 06:56:51	Dark	49.000	31	Alp Gru	1.7340	15200.	98	32840	No
86	GOM_NL__2PRFIN20080611_065824_000000562069_00221_32840_7242.N1	11-JUN-2008 06:58:24	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32840	No
87	GOM_NL__2PRFIN20080611_070103_000000452069_00221_32840_7243.N1	11-JUN-2008 07:01:03	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	32840	No
88	GOM_NL__2PRFIN20080611_071115_000000422069_00221_32840_7244.N1	11-JUN-2008 07:11:15	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	32840	No
89	GOM_NL__2PRFIN20080611_071255_000000572069_00221_32840_7245.N1	11-JUN-2008 07:12:55	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	32840	No
90	GOM_NL__2PRFIN20080611_071802_000000412069_00221_32840_7246.N1	11-JUN-2008 07:18:02	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32840	No
91	GOM_NL__2PRFIN20080611_071947_000000362069_00221_32840_7247.N1	11-JUN-2008 07:19:47	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32840	No
92	GOM_NL__2PRFIN20080611_072500_000000472069_00221_32840_7248.N1	11-JUN-2008 07:25:00	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32840	No
93	GOM_NL__2PRFIN20080611_072736_000000472069_00221_32840_7249.N1	11-JUN-2008 07:27:36	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	32840	No
94	GOM_NL__2PRFIN20080611_072919_000000372069_00221_32840_7250.N1	11-JUN-2008 07:29:19	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32840	No
95	GOM_NL__2PRFIN20080611_073228_000000392069_00221_32840_7251.N1	11-JUN-2008 07:32:28	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32840	No
96	GOM_NL__2PRFIN20080611_073929_000000382069_00221_32840_7252.N1	11-JUN-2008 07:39:29	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	32840	No
97	GOM_NL__2PRFIN20080611_075009_000000472069_00221_32840_7253.N1	11-JUN-2008 07:50:09	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32840	No
98	GOM_NL__2PRFIN20080611_075624_000000582069_00221_32840_7254.N1	11-JUN-2008 07:56:24	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	32840	No
99	GOM_NL__2PRFIN20080611_080222_000000392069_00221_32840_7255.N1	11-JUN-2008 08:02:22	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32840	No
100	GOM_NL__2PRFIN20080611_080442_000000552069_00221_32840_7256.N1	11-JUN-2008 08:04:42	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	32840	No
101	GOM_NL__2PRFIN20080611_080802_000000452069_00221_32840_7257.N1	11-JUN-2008 08:08:02	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32840	No

102	GOM_NL__2PRFIN20080611_082300_000000522069_00221_32840_7258.N1	11-JUN-2008 08:23:00	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32840	No
103	GOM_NL__2PRFIN20080611_082926_000000432069_00221_32840_7259.N1	11-JUN-2008 08:29:26	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	32840	No
104	GOM_NL__2PRFIN20080611_083526_000000642069_00222_32841_7262.N1	11-JUN-2008 08:35:26	Dark	64.000	63	Bet Gru	2.1500	2800.0	128	32841	No
105	GOM_NL__2PRFIN20080611_083728_000000462069_00222_32841_7263.N1	11-JUN-2008 08:37:28	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32841	No
106	GOM_NL__2PRFIN20080611_083901_000000582069_00222_32841_7264.N1	11-JUN-2008 08:39:01	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	32841	No
107	GOM_NL__2PRFIN20080611_084140_000000472069_00222_32841_7265.N1	11-JUN-2008 08:41:40	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	32841	No
108	GOM_NL__2PRFIN20080611_085151_000000442069_00222_32841_7266.N1	11-JUN-2008 08:51:51	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32841	No
109	GOM_NL__2PRFIN20080611_085331_000000642069_00222_32841_7267.N1	11-JUN-2008 08:53:31	Bright	64.000	57	34Sig Sgr	2.0660	26000.	128	32841	No
110	GOM_NL__2PRFIN20080611_085838_000000392069_00222_32841_7268.N1	11-JUN-2008 08:58:38	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32841	No
111	GOM_NL__2PRFIN20080611_090023_000000372069_00222_32841_7269.N1	11-JUN-2008 09:00:23	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32841	No
112	GOM_NL__2PRFIN20080611_090535_000000472069_00222_32841_7270.N1	11-JUN-2008 09:05:35	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32841	No
113	GOM_NL__2PRFIN20080611_090811_000000462069_00222_32841_7271.N1	11-JUN-2008 09:08:11	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32841	No
114	GOM_NL__2PRFIN20080611_090955_000000392069_00222_32841_7272.N1	11-JUN-2008 09:09:55	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32841	No
115	GOM_NL__2PRFIN20080611_091303_000000392069_00222_32841_7273.N1	11-JUN-2008 09:13:03	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32841	No
116	GOM_NL__2PRFIN20080611_092004_000000422069_00222_32841_7274.N1	11-JUN-2008 09:20:04	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32841	No
117	GOM_NL__2PRFIN20080611_093044_000000462069_00222_32841_7275.N1	11-JUN-2008 09:30:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32841	No
118	GOM_NL__2PRFIN20080611_093700_000000392069_00222_32841_7276.N1	11-JUN-2008 09:37:00	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32841	No
119	GOM_NL__2PRFIN20080611_094258_000000512069_00222_32841_7277.N1	11-JUN-2008 09:42:58	Bright	50.500	73	57Gam1And	2.2600	13100.	101	32841	No
120	GOM_NL__2PRFIN20080611_094518_000000512069_00222_32841_7278.N1	11-JUN-2008 09:45:18	Tw_i_and_stray	51.000	53	43Bet And	2.0480	3300.0	102	32841	No
121	GOM_NL__2PRFIN20080611_094839_000000472069_00222_32841_7279.N1	11-JUN-2008 09:48:39	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32841	No
122	GOM_NL__2PRFIN20080611_100337_000000562069_00222_32841_7280.N1	11-JUN-2008 10:03:37	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	32841	No
123	GOM_NL__2PRFIN20080611_101002_000000442069_00222_32841_7281.N1	11-JUN-2008 10:10:02	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32841	No
124	GOM_NL__2PRFIN20080611_101603_000000622069_00223_32842_7274.N1	11-JUN-2008 10:16:03	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	32842	No
125	GOM_NL__2PRFIN20080611_101805_000000482069_00223_32842_7275.N1	11-JUN-2008 10:18:05	Dark	48.000	31	Alp Gru	1.7340	15200.	96	32842	No
126	GOM_NL__2PRFIN20080611_101938_000000582069_00223_32842_7276.N1	11-JUN-2008 10:19:38	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	32842	No
127	GOM_NL__2PRFIN20080611_102216_000000432069_00223_32842_7277.N1	11-JUN-2008 10:22:16	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32842	No
128	GOM_NL__2PRFIN20080611_103227_000000432069_00223_32842_7278.N1	11-JUN-2008 10:32:27	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32842	No
129	GOM_NL__2PRFIN20080611_103408_000000562069_00223_32842_7279.N1	11-JUN-2008 10:34:08	Bright	56.000	57	34Sig Sgr	2.0660	26000.	112	32842	No
130	GOM_NL__2PRFIN20080611_103914_000000402069_00223_32842_7280.N1	11-JUN-2008 10:39:14	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32842	No
131	GOM_NL__2PRFIN20080611_104059_000000382069_00223_32842_7281.N1	11-JUN-2008 10:40:59	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32842	No
132	GOM_NL__2PRFIN20080611_104611_000000462069_00223_32842_7282.N1	11-JUN-2008 10:46:11	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	32842	No
133	GOM_NL__2PRFIN20080611_104847_000000442069_00223_32842_7283.N1	11-JUN-2008 10:48:47	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	32842	No
134	GOM_NL__2PRFIN20080611_105031_000000382069_00223_32842_7284.N1	11-JUN-2008 10:50:31	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32842	No
135	GOM_NL__2PRFIN20080611_105339_000000402069_00223_32842_7285.N1	11-JUN-2008 10:53:39	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32842	No
136	GOM_NL__2PRFIN20080611_110040_000000512069_00223_32842_7286.N1	11-JUN-2008 11:00:40	Bright	51.000	130	23Bet Dra	2.7990	5800.0	102	32842	No
137	GOM_NL__2PRFIN20080611_111119_000000482069_00223_32842_7287.N1	11-JUN-2008 11:11:19	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	32842	No
138	GOM_NL__2PRFIN20080611_111735_000000402069_00223_32842_7288.N1	11-JUN-2008 11:17:35	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32842	No
139	GOM_NL__2PRFIN20080611_112334_000000472069_00223_32842_7289.N1	11-JUN-2008 11:23:34	Bright	46.500	73	57Gam1And	2.2600	13100.	93	32842	No
140	GOM_NL__2PRFIN20080611_112554_000000552069_00223_32842_7290.N1	11-JUN-2008 11:25:54	Tw_i_and_stray	54.500	53	43Bet And	2.0480	3300.0	109	32842	No
141	GOM_NL__2PRFIN20080611_112915_000000502069_00223_32842_7291.N1	11-JUN-2008 11:29:15	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32842	No
142	GOM_NL__2PRFIN20080611_114414_000000512069_00223_32842_7292.N1	11-JUN-2008 11:44:14	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	32842	No
143	GOM_NL__2PRFIN20080611_115039_000000432069_00223_32842_7293.N1	11-JUN-2008 11:50:39	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32842	No
144	GOM_NL__2PRFIN20080611_115640_000000512069_00224_32843_7290.N1	11-JUN-2008 11:56:40	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32843	No
145	GOM_NL__2PRFIN20080611_115841_000000472069_00224_32843_7291.N1	11-JUN-2008 11:58:41	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32843	No
146	GOM_NL__2PRFIN20080611_120015_000000572069_00224_32843_7292.N1	11-JUN-2008 12:00:15	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	32843	No
147	GOM_NL__2PRFIN20080611_120253_000000422069_00224_32843_7293.N1	11-JUN-2008 12:02:53	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32843	No
148	GOM_NL__2PRFIN20080611_121304_000000442069_00224_32843_7294.N1	11-JUN-2008 12:13:04	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32843	No
149	GOM_NL__2PRFIN20080611_121444_000000632069_00224_32843_7295.N1	11-JUN-2008 12:14:44	Bright	62.500	57	34Sig Sgr	2.0660	26000.	125	32843	No
150	GOM_NL__2PRFIN20080611_121950_000000392069_00224_32843_7296.N1	11-JUN-2008 12:19:50	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32843	No
151	GOM_NL__2PRFIN20080611_122135_000000372069_00224_32843_7297.N1	11-JUN-2008 12:21:35	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32843	No
152	GOM_NL__2PRFIN20080611_122646_000000472069_00224_32843_7298.N1	11-JUN-2008 12:26:46	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32843	No
153	GOM_NL__2PRFIN20080611_122922_000000462069_00224_32843_7299.N1	11-JUN-2008 12:29:22	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32843	No
154	GOM_NL__2PRFIN20080611_123106_000000372069_00224_32843_7300.N1	11-JUN-2008 12:31:06	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32843	No
155	GOM_NL__2PRFIN20080611_123414_000000392069_00224_32843_7301.N1	11-JUN-2008 12:34:14	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32843	No
156	GOM_NL__2PRFIN20080611_124115_000000422069_00224_32843_7302.N1	11-JUN-2008 12:41:15	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32843	No
157	GOM_NL__2PRFIN20080611_125154_000000452069_00224_32843_7303.N1	11-JUN-2008 12:51:54	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32843	No
158	GOM_NL__2PRFIN20080611_125811_000000402069_00224_32843_7304.N1	11-JUN-2008 12:58:11	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32843	No
159	GOM_NL__2PRFIN20080611_130410_000000392069_00224_32843_7305.N1	11-JUN-2008 13:04:10	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32843	No
160	GOM_NL__2PRFIN20080611_130630_000000622069_00224_32843_7306.N1	11-JUN-2008 13:06:30	Tw_i_and_stray	62.000	53	43Bet And	2.0480	3300.0	124	32843	No



161	GOM_NL__2PRFIN20080611_130951_000000472069_00224_32843_7307.N1	11-JUN-2008 13:09:51	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32843	No
162	GOM_NL__2PRFIN20080611_132450_000000552069_00224_32843_7308.N1	11-JUN-2008 13:24:50	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	32843	No
163	GOM_NL__2PRFIN20080611_133115_000000442069_00224_32843_7309.N1	11-JUN-2008 13:31:15	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32843	No
164	GOM_NL__2PRFIN20080611_133717_000000492069_00225_32844_7301.N1	11-JUN-2008 13:37:17	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32844	No
165	GOM_NL__2PRFIN20080611_133918_000000492069_00225_32844_7302.N1	11-JUN-2008 13:39:18	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32844	No
166	GOM_NL__2PRFIN20080611_134053_000000592069_00225_32844_7303.N1	11-JUN-2008 13:40:53	Straylight	58.500	172	Gam Gru	3.0030	13100.	117	32844	No
167	GOM_NL__2PRFIN20080611_134329_000000482069_00225_32844_7304.N1	11-JUN-2008 13:43:29	Straylight	48.000	45	Alp Pav	1.9400	26000.	96	32844	No
168	GOM_NL__2PRFIN20080611_135340_000000422069_00225_32844_7305.N1	11-JUN-2008 13:53:40	Tw_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	32844	No
169	GOM_NL__2PRFIN20080611_135520_000000672069_00225_32844_7306.N1	11-JUN-2008 13:55:20	Bright	66.500	57	34Sig Sgr	2.0660	26000.	133	32844	No
170	GOM_NL__2PRFIN20080611_140026_000000402069_00225_32844_7307.N1	11-JUN-2008 14:00:26	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	32844	No
171	GOM_NL__2PRFIN20080611_140211_000000382069_00225_32844_7308.N1	11-JUN-2008 14:02:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32844	No
172	GOM_NL__2PRFIN20080611_140722_000000462069_00225_32844_7309.N1	11-JUN-2008 14:07:22	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	32844	No
173	GOM_NL__2PRFIN20080611_140958_000000452069_00225_32844_7310.N1	11-JUN-2008 14:09:58	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	32844	No
174	GOM_NL__2PRFIN20080611_141142_000000372069_00225_32844_7311.N1	11-JUN-2008 14:11:42	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32844	No
175	GOM_NL__2PRFIN20080611_141450_000000372069_00225_32844_7312.N1	11-JUN-2008 14:14:50	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	32844	No
176	GOM_NL__2PRFIN20080611_142151_000000402069_00225_32844_7313.N1	11-JUN-2008 14:21:51	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32844	No
177	GOM_NL__2PRFIN20080611_143230_000000472069_00225_32844_7314.N1	11-JUN-2008 14:32:30	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32844	No
178	GOM_NL__2PRFIN20080611_143847_000000512069_00225_32844_7315.N1	11-JUN-2008 14:38:47	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	32844	No
179	GOM_NL__2PRFIN20080611_144446_000000392069_00225_32844_7316.N1	11-JUN-2008 14:44:46	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32844	No
180	GOM_NL__2PRFIN20080611_144706_000000522069_00225_32844_7317.N1	11-JUN-2008 14:47:06	Tw_and_stray	52.000	53	43Bet And	2.0480	3300.0	104	32844	No
181	GOM_NL__2PRFIN20080611_145027_000000442069_00225_32844_7318.N1	11-JUN-2008 14:50:27	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	32844	No
182	GOM_NL__2PRFIN20080611_150527_000000522069_00225_32844_7319.N1	11-JUN-2008 15:05:27	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32844	No
183	GOM_NL__2PRFIN20080611_151152_000000422069_00225_32844_7320.N1	11-JUN-2008 15:11:52	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	32844	No
184	GOM_NL__2PRFIN20080611_151754_000000522069_00226_32845_7307.N1	11-JUN-2008 15:17:54	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32845	No
185	GOM_NL__2PRFIN20080611_151955_000000472069_00226_32845_7308.N1	11-JUN-2008 15:19:55	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32845	No
186	GOM_NL__2PRFIN20080611_152130_000000572069_00226_32845_7309.N1	11-JUN-2008 15:21:30	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	32845	No
187	GOM_NL__2PRFIN20080611_152406_000000422069_00226_32845_7310.N1	11-JUN-2008 15:24:06	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32845	No
188	GOM_NL__2PRFIN20080611_153416_000000452069_00226_32845_7311.N1	11-JUN-2008 15:34:16	Tw_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32845	No
189	GOM_NL__2PRFIN20080611_153557_000000572069_00226_32845_7312.N1	11-JUN-2008 15:35:57	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	32845	No
190	GOM_NL__2PRFIN20080611_154102_000000402069_00226_32845_7313.N1	11-JUN-2008 15:41:02	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32845	No
191	GOM_NL__2PRFIN20080611_154247_000000382069_00226_32845_7314.N1	11-JUN-2008 15:42:47	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32845	No
192	GOM_NL__2PRFIN20080611_154758_000000472069_00226_32845_7315.N1	11-JUN-2008 15:47:58	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32845	No
193	GOM_NL__2PRFIN20080611_155033_000000462069_00226_32845_7316.N1	11-JUN-2008 15:50:33	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	32845	No
194	GOM_NL__2PRFIN20080611_155218_000000382069_00226_32845_7317.N1	11-JUN-2008 15:52:18	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32845	No
195	GOM_NL__2PRFIN20080611_155526_000000402069_00226_32845_7318.N1	11-JUN-2008 15:55:26	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32845	No
196	GOM_NL__2PRFIN20080611_160226_000000412069_00226_32845_7319.N1	11-JUN-2008 16:02:26	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32845	No
197	GOM_NL__2PRFIN20080611_161305_000000462069_00226_32845_7320.N1	11-JUN-2008 16:13:05	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32845	No
198	GOM_NL__2PRFIN20080611_161922_000000462069_00226_32845_7321.N1	11-JUN-2008 16:19:22	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	32845	No
199	GOM_NL__2PRFIN20080611_162522_000000482069_00226_32845_7322.N1	11-JUN-2008 16:25:22	Bright	47.500	73	57Gam1And	2.2600	13100.	95	32845	No
200	GOM_NL__2PRFIN20080611_162742_000000532069_00226_32845_7323.N1	11-JUN-2008 16:27:42	Tw_and_stray	53.000	53	43Bet And	2.0480	3300.0	106	32845	No
201	GOM_NL__2PRFIN20080611_163103_000000482069_00226_32845_7324.N1	11-JUN-2008 16:31:03	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	32845	No
202	GOM_NL__2PRFIN20080611_164604_000000522069_00226_32845_7325.N1	11-JUN-2008 16:46:04	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32845	No
203	GOM_NL__2PRFIN20080611_165229_000000532069_00226_32845_7326.N1	11-JUN-2008 16:52:29	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	32845	No
204	GOM_NL__2PRFIN20080611_165830_000000492069_00227_32846_7320.N1	11-JUN-2008 16:58:30	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32846	No
205	GOM_NL__2PRFIN20080611_170032_000000492069_00227_32846_7321.N1	11-JUN-2008 17:00:32	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32846	No
206	GOM_NL__2PRFIN20080611_170207_000000552069_00227_32846_7322.N1	11-JUN-2008 17:02:07	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	32846	No
207	GOM_NL__2PRFIN20080611_170443_000000422069_00227_32846_7323.N1	11-JUN-2008 17:04:43	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32846	No
208	GOM_NL__2PRFIN20080611_171452_000000422069_00227_32846_7324.N1	11-JUN-2008 17:14:52	Tw_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	32846	No
209	GOM_NL__2PRFIN20080611_171633_000000552069_00227_32846_7325.N1	11-JUN-2008 17:16:33	Bright	55.000	57	34Sig Sgr	2.0660	26000.	110	32846	No
210	GOM_NL__2PRFIN20080611_172138_000000402069_00227_32846_7326.N1	11-JUN-2008 17:21:38	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32846	No
211	GOM_NL__2PRFIN20080611_172323_000000382069_00227_32846_7327.N1	11-JUN-2008 17:23:23	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32846	No
212	GOM_NL__2PRFIN20080611_172833_000000682069_00227_32846_7328.N1	11-JUN-2008 17:28:33	Bright	68.000	126	60Bet Oph	2.7700	4250.0	136	32846	No
213	GOM_NL__2PRFIN20080611_173109_000000472069_00227_32846_7329.N1	11-JUN-2008 17:31:09	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	32846	No
214	GOM_NL__2PRFIN20080611_173254_000000372069_00227_32846_7330.N1	11-JUN-2008 17:32:54	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32846	No
215	GOM_NL__2PRFIN20080611_173602_000000392069_00227_32846_7331.N1	11-JUN-2008 17:36:02	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32846	No
216	GOM_NL__2PRFIN20080611_174302_000000402069_00227_32846_7332.N1	11-JUN-2008 17:43:02	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32846	No
217	GOM_NL__2PRFIN20080611_175340_000000472069_00227_32846_7333.N1	11-JUN-2008 17:53:40	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32846	No
218	GOM_NL__2PRFIN20080611_175958_000000502069_00227_32846_7334.N1	11-JUN-2008 17:59:58	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	32846	No
219	GOM_NL__2PRFIN20080611_180558_000000382069_00227_32846_7335.N1	11-JUN-2008 18:05:58	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32846	No

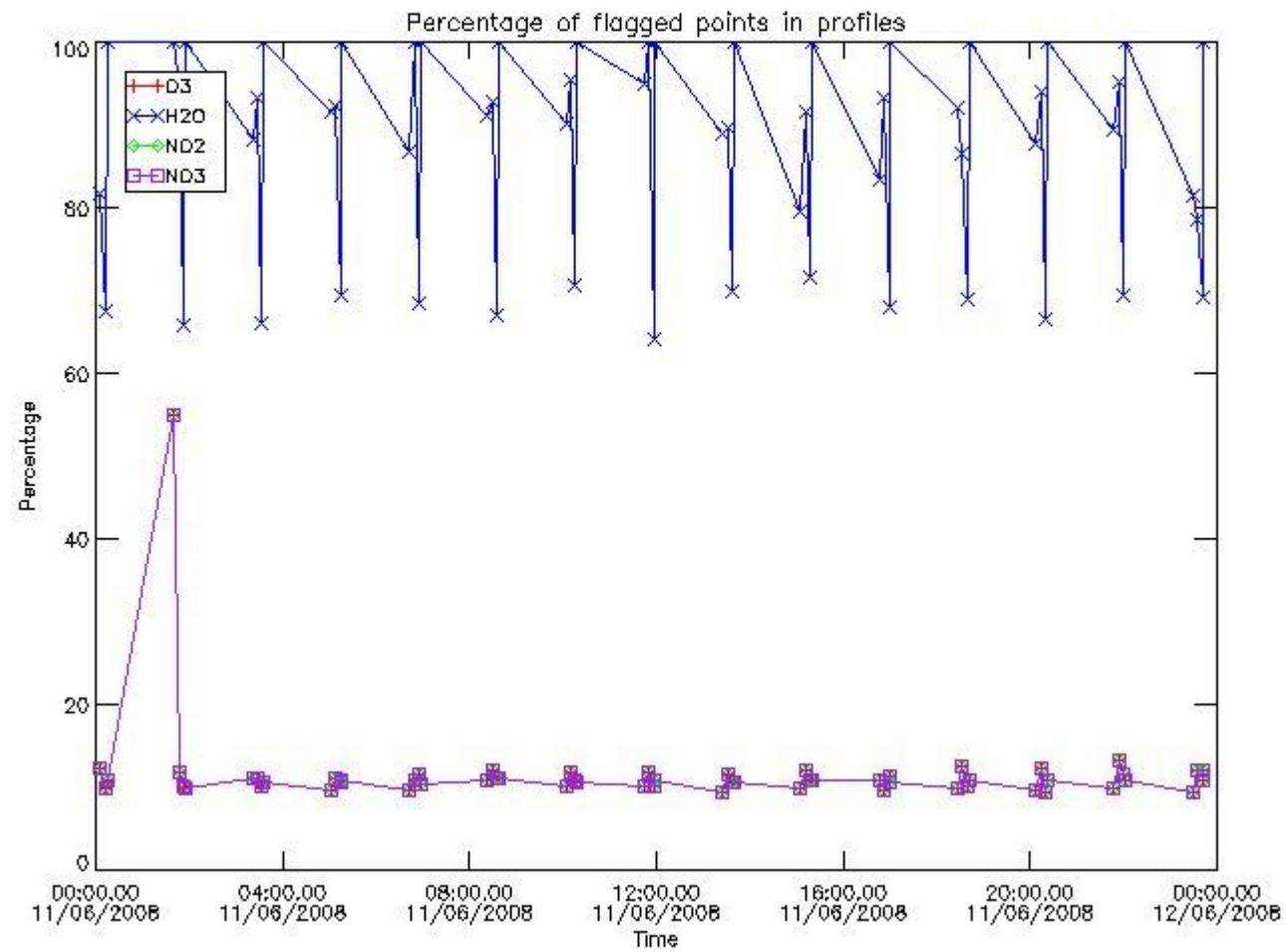
220	GOM_NL__2PRFIN20080611_180818_000000602069_00227_32846_7336.N1	11-JUN-2008 18:08:18	Twilight	60.000	53	43Bet And	2.0480	3300.0	120	32846	No
221	GOM_NL__2PRFIN20080611_181139_000000502069_00227_32846_7337.N1	11-JUN-2008 18:11:39	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32846	No
222	GOM_NL__2PRFIN20080611_182641_000000572069_00227_32846_7338.N1	11-JUN-2008 18:26:41	Dark	57.000	52	16Bet Cet	2.0370	4500.0	114	32846	No
223	GOM_NL__2PRFIN20080611_183306_000000412069_00227_32846_7339.N1	11-JUN-2008 18:33:06	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32846	No
224	GOM_NL__2PRFIN20080611_183907_000000512069_00228_32847_7327.N1	11-JUN-2008 18:39:07	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32847	No
225	GOM_NL__2PRFIN20080611_184109_000000472069_00228_32847_7328.N1	11-JUN-2008 18:41:09	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32847	No
226	GOM_NL__2PRFIN20080611_184245_000000552069_00228_32847_7329.N1	11-JUN-2008 18:42:45	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	32847	No
227	GOM_NL__2PRFIN20080611_184519_000000422069_00228_32847_7330.N1	11-JUN-2008 18:45:19	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32847	No
228	GOM_NL__2PRFIN20080611_185529_000000442069_00228_32847_7331.N1	11-JUN-2008 18:55:29	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32847	No
229	GOM_NL__2PRFIN20080611_185710_000000702069_00228_32847_7332.N1	11-JUN-2008 18:57:10	Bright	69.500	57	34Sig Sgr	2.0660	26000.	139	32847	No
230	GOM_NL__2PRFIN20080611_190214_000000412069_00228_32847_7333.N1	11-JUN-2008 19:02:14	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32847	No
231	GOM_NL__2PRFIN20080611_190359_000000382069_00228_32847_7334.N1	11-JUN-2008 19:03:59	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32847	No
232	GOM_NL__2PRFIN20080611_190909_000000462069_00228_32847_7335.N1	11-JUN-2008 19:09:09	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32847	No
233	GOM_NL__2PRFIN20080611_191144_000000482069_00228_32847_7336.N1	11-JUN-2008 19:11:44	Bright	47.500	59	55Alp Oph	2.0800	8900.0	95	32847	No
234	GOM_NL__2PRFIN20080611_191330_000000372069_00228_32847_7337.N1	11-JUN-2008 19:13:30	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32847	No
235	GOM_NL__2PRFIN20080611_191637_000000382069_00228_32847_7338.N1	11-JUN-2008 19:16:37	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	32847	No
236	GOM_NL__2PRFIN20080611_192337_000000432069_00228_32847_7339.N1	11-JUN-2008 19:23:37	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	32847	No
237	GOM_NL__2PRFIN20080611_193416_000000462069_00228_32847_7340.N1	11-JUN-2008 19:34:16	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32847	No
238	GOM_NL__2PRFIN20080611_194034_000000382069_00228_32847_7341.N1	11-JUN-2008 19:40:34	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32847	No
239	GOM_NL__2PRFIN20080611_194634_000000382069_00228_32847_7342.N1	11-JUN-2008 19:46:34	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32847	No
240	GOM_NL__2PRFIN20080611_194854_000000562069_00228_32847_7343.N1	11-JUN-2008 19:48:54	Twilight	56.000	53	43Bet And	2.0480	3300.0	112	32847	No
241	GOM_NL__2PRFIN20080611_195216_000000472069_00228_32847_7344.N1	11-JUN-2008 19:52:16	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32847	No
242	GOM_NL__2PRFIN20080611_200718_000000542069_00228_32847_7345.N1	11-JUN-2008 20:07:18	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32847	No
243	GOM_NL__2PRFIN20080611_201342_000000422069_00228_32847_7346.N1	11-JUN-2008 20:13:42	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32847	No
244	GOM_NL__2PRFIN20080611_201944_000000542069_00229_32848_7348.N1	11-JUN-2008 20:19:44	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	32848	No
245	GOM_NL__2PRFIN20080611_202146_000000472069_00229_32848_7349.N1	11-JUN-2008 20:21:46	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32848	No
246	GOM_NL__2PRFIN20080611_202322_000000572069_00229_32848_7350.N1	11-JUN-2008 20:23:22	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	32848	No
247	GOM_NL__2PRFIN20080611_202556_000000422069_00229_32848_7351.N1	11-JUN-2008 20:25:56	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32848	No
248	GOM_NL__2PRFIN20080611_203605_000000452069_00229_32848_7352.N1	11-JUN-2008 20:36:05	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	32848	No
249	GOM_NL__2PRFIN20080611_203746_000000582069_00229_32848_7353.N1	11-JUN-2008 20:37:46	Bright	57.500	57	34Sig Sgr	2.0660	26000.	115	32848	No
250	GOM_NL__2PRFIN20080611_204250_000000402069_00229_32848_7354.N1	11-JUN-2008 20:42:50	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32848	No
251	GOM_NL__2PRFIN20080611_204435_000000382069_00229_32848_7355.N1	11-JUN-2008 20:44:35	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32848	No
252	GOM_NL__2PRFIN20080611_204944_000000452069_00229_32848_7356.N1	11-JUN-2008 20:49:44	Bright	44.500	126	60Bet Oph	2.7700	4250.0	89	32848	No
253	GOM_NL__2PRFIN20080611_205220_000000462069_00229_32848_7357.N1	11-JUN-2008 20:52:20	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	32848	No
254	GOM_NL__2PRFIN20080611_205406_000000392069_00229_32848_7358.N1	11-JUN-2008 20:54:06	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32848	No
255	GOM_NL__2PRFIN20080611_205713_000000392069_00229_32848_7359.N1	11-JUN-2008 20:57:13	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32848	No
256	GOM_NL__2PRFIN20080611_210413_000000422069_00229_32848_7360.N1	11-JUN-2008 21:04:13	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32848	No
257	GOM_NL__2PRFIN20080611_211451_000000432069_00229_32848_7361.N1	11-JUN-2008 21:14:51	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	32848	No
258	GOM_NL__2PRFIN20080611_212110_000000582069_00229_32848_7362.N1	11-JUN-2008 21:21:10	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	32848	No
259	GOM_NL__2PRFIN20080611_212710_000000552069_00229_32848_7363.N1	11-JUN-2008 21:27:10	Bright	55.000	73	57Gam1And	2.2600	13100.	110	32848	No
260	GOM_NL__2PRFIN20080611_212930_000000582069_00229_32848_7364.N1	11-JUN-2008 21:29:30	Twilight	57.500	53	43Bet And	2.0480	3300.0	115	32848	No
261	GOM_NL__2PRFIN20080611_213252_000000472069_00229_32848_7365.N1	11-JUN-2008 21:32:52	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32848	No
262	GOM_NL__2PRFIN20080611_214755_000000522069_00229_32848_7366.N1	11-JUN-2008 21:47:55	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	32848	No
263	GOM_NL__2PRFIN20080611_215419_000000422069_00229_32848_7367.N1	11-JUN-2008 21:54:19	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	32848	No
264	GOM_NL__2PRFIN20080611_220021_000000482069_00230_32849_7362.N1	11-JUN-2008 22:00:21	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32849	No
265	GOM_NL__2PRFIN20080611_220223_000000472069_00230_32849_7363.N1	11-JUN-2008 22:02:23	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32849	No
266	GOM_NL__2PRFIN20080611_220359_000000552069_00230_32849_7364.N1	11-JUN-2008 22:03:59	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	32849	No
267	GOM_NL__2PRFIN20080611_220632_000000412069_00230_32849_7365.N1	11-JUN-2008 22:06:32	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32849	No
268	GOM_NL__2PRFIN20080611_221641_000000442069_00230_32849_7366.N1	11-JUN-2008 22:16:41	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32849	No
269	GOM_NL__2PRFIN20080611_221822_000000692069_00230_32849_7367.N1	11-JUN-2008 22:18:22	Bright	69.000	57	34Sig Sgr	2.0660	26000.	138	32849	No
270	GOM_NL__2PRFIN20080611_222326_000000412069_00230_32849_7368.N1	11-JUN-2008 22:23:26	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32849	No
271	GOM_NL__2PRFIN20080611_222511_000000382069_00230_32849_7369.N1	11-JUN-2008 22:25:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32849	No
272	GOM_NL__2PRFIN20080611_223020_000000462069_00230_32849_7370.N1	11-JUN-2008 22:30:20	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	32849	No
273	GOM_NL__2PRFIN20080611_223255_000000442069_00230_32849_7371.N1	11-JUN-2008 22:32:55	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	32849	No
274	GOM_NL__2PRFIN20080611_223441_000000382069_00230_32849_7372.N1	11-JUN-2008 22:34:41	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32849	No
275	GOM_NL__2PRFIN20080611_223749_000000412069_00230_32849_7373.N1	11-JUN-2008 22:37:49	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	32849	No
276	GOM_NL__2PRFIN20080611_224448_000000422069_00230_32849_7374.N1	11-JUN-2008 22:44:48	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32849	No
277	GOM_NL__2PRFIN20080611_225526_000000472069_00230_32849_7375.N1	11-JUN-2008 22:55:26	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32849	No
278	GOM_NL__2PRFIN20080611_230145_000000392069_00230_32849_7376.N1	11-JUN-2008 23:01:45	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32849	No

279	GOM_NL__2PRFIN20080611_230746_000000392069_00230_32849_7377.N1	11-JUN-2008 23:07:46	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32849	No
280	GOM_NL__2PRFIN20080611_231006_000000512069_00230_32849_7378.N1	11-JUN-2008 23:10:06	Twi_and_stray	50.500	53	43Bet And	2.0480	3300.0	101	32849	No
281	GOM_NL__2PRFIN20080611_231328_000000442069_00230_32849_7379.N1	11-JUN-2008 23:13:28	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	32849	No
282	GOM_NL__2PRFIN20080611_232832_000000542069_00230_32849_7380.N1	11-JUN-2008 23:28:32	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	32849	No
283	GOM_NL__2PRFIN20080611_233455_000000432069_00230_32849_7381.N1	11-JUN-2008 23:34:55	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	32849	No
284	GOM_NL__2PRFIN20080611_234058_000000592069_00231_32850_7386.N1	11-JUN-2008 23:40:58	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32850	No
285	GOM_NL__2PRFIN20080611_234300_000000482069_00231_32850_7387.N1	11-JUN-2008 23:43:00	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32850	No
286	GOM_NL__2PRFIN20080611_234437_000000562069_00231_32850_7388.N1	11-JUN-2008 23:44:37	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32850	No
287	GOM_NL__2PRFIN20080611_234709_000000432069_00231_32850_7389.N1	11-JUN-2008 23:47:09	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32850	No
288	GOM_NL__2PRFIN20080611_235717_000000432069_00231_32850_7390.N1	11-JUN-2008 23:57:17	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32850	No
289	GOM_NL__2PRFIN20080611_235858_000000632069_00231_32850_7391.N1	11-JUN-2008 23:58:58	Bright	63.000	57	34Sig Sgr	2.0660	26000.	126	32850	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.

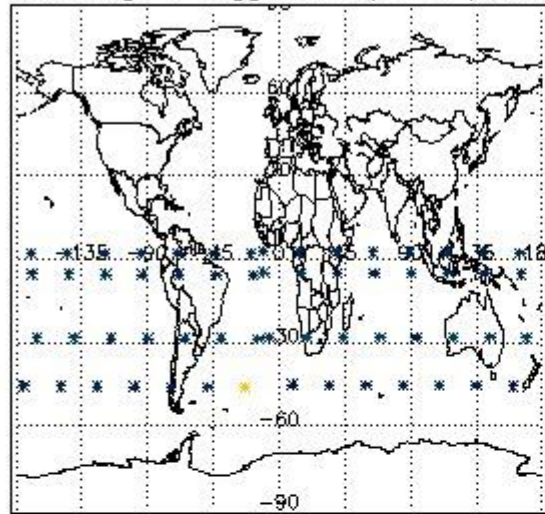
#### 3.1 Plot quality information per product (time dependant)



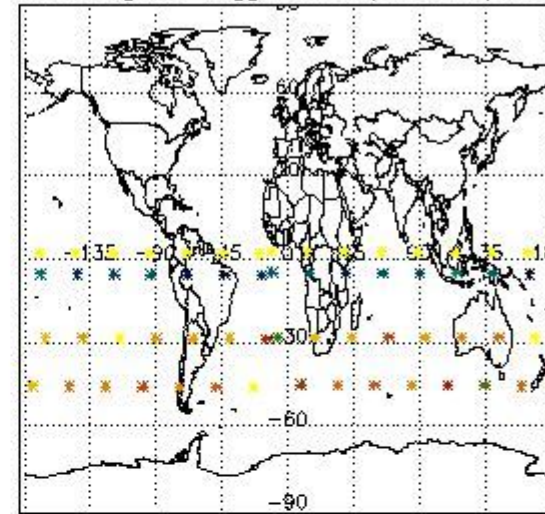
#### 3.2 Plot quality information per product (world map)



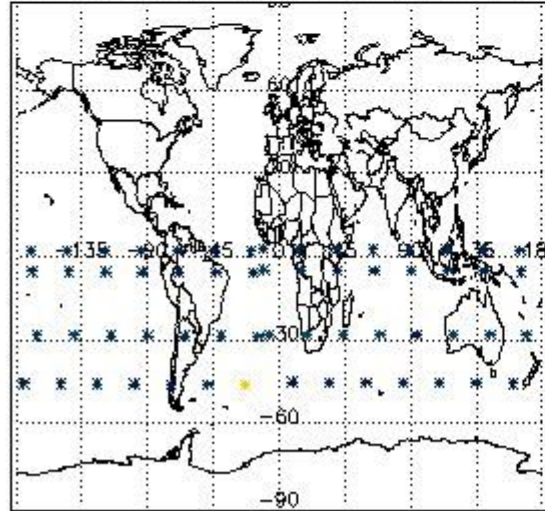
Percentage of flagged data per O3 profile



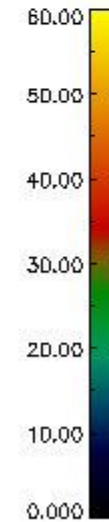
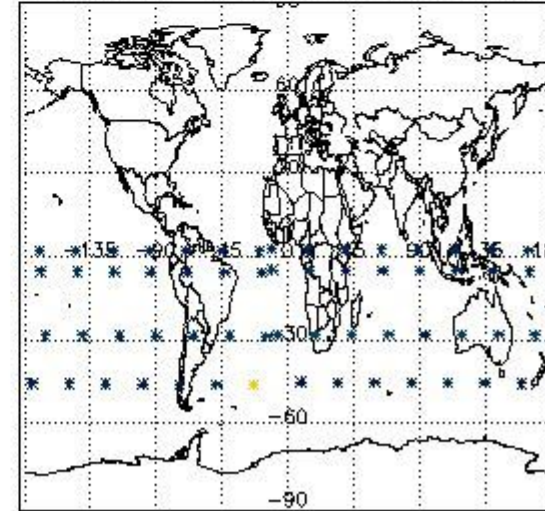
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



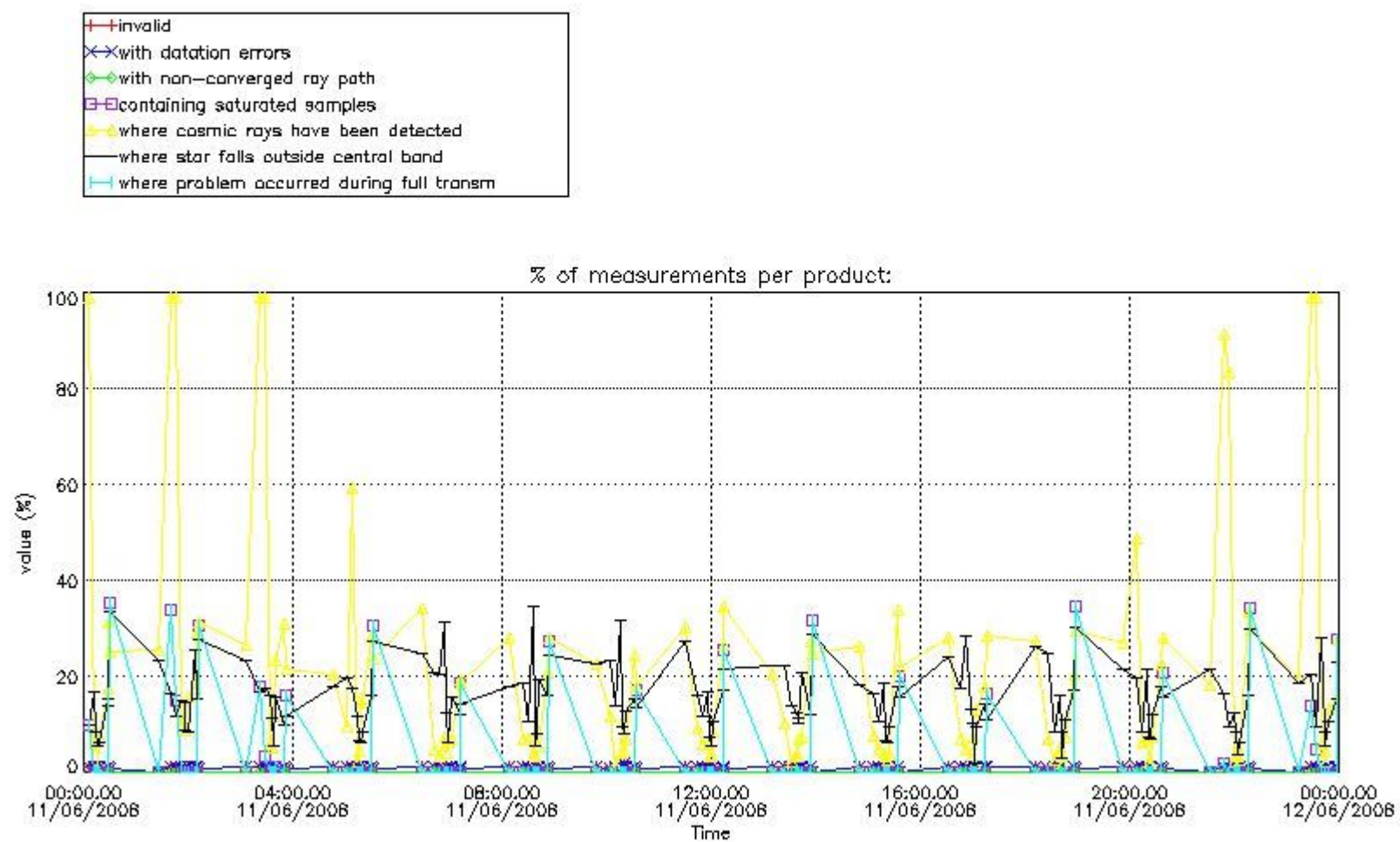
#### 4. Level 1 quality information per product

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.

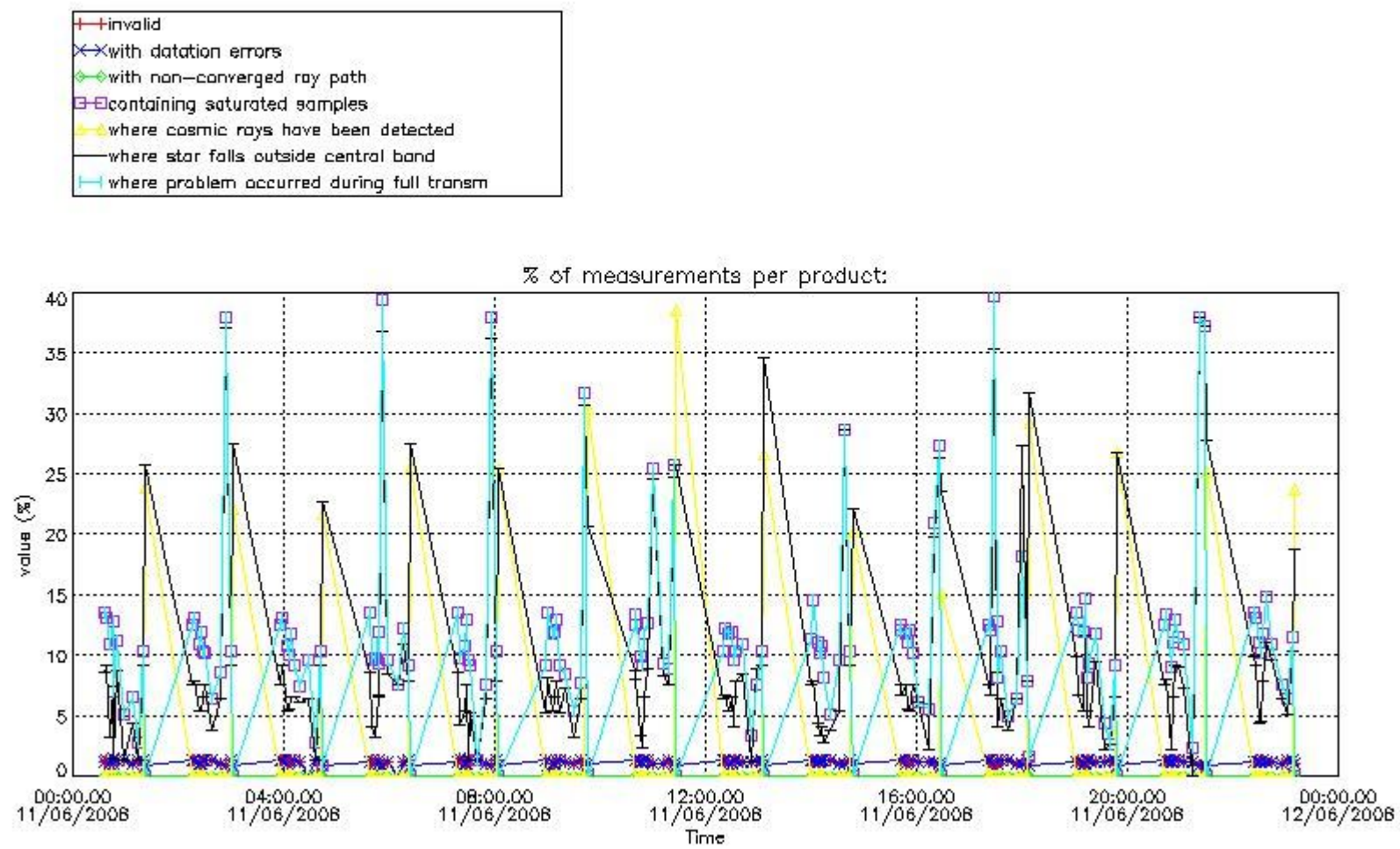
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



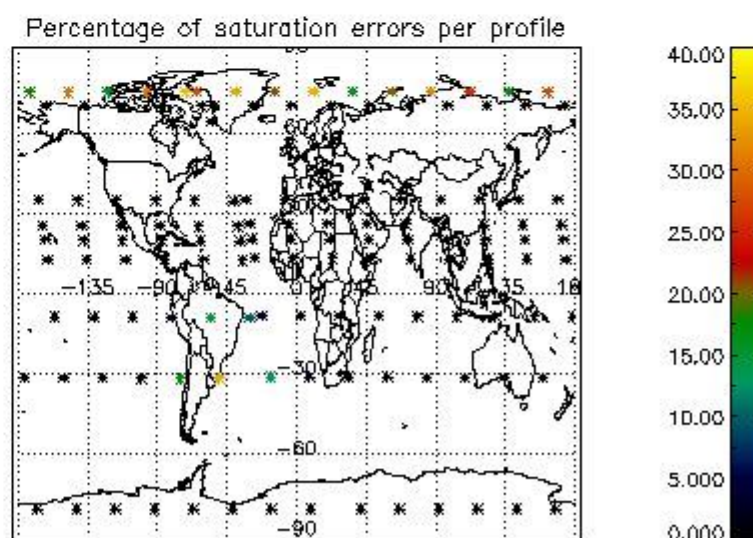
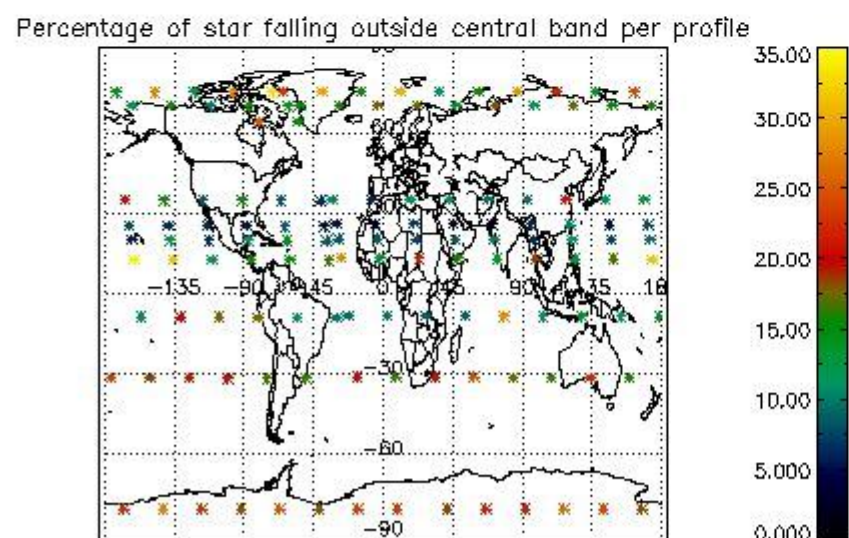
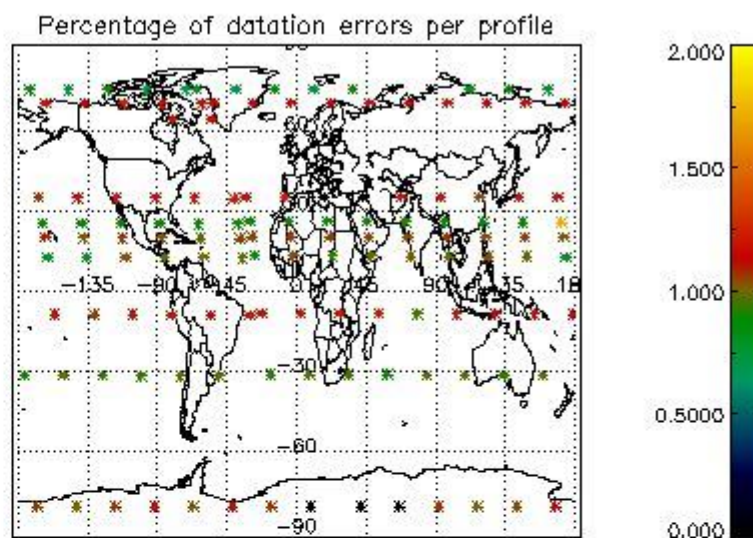
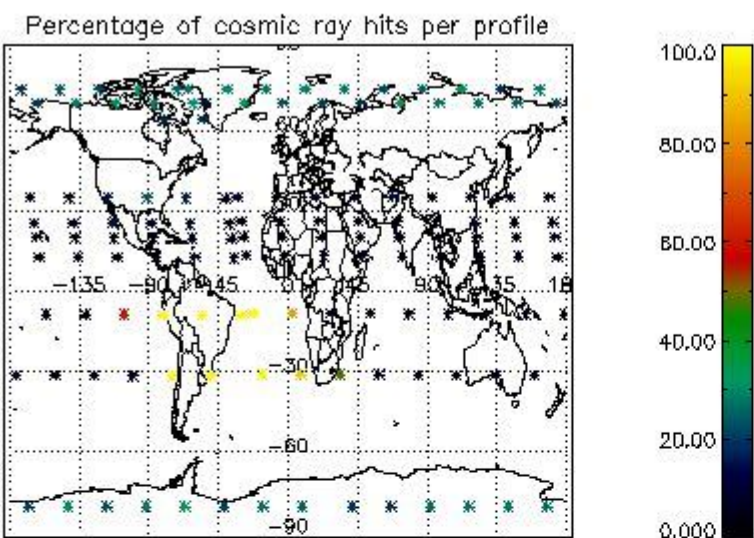


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



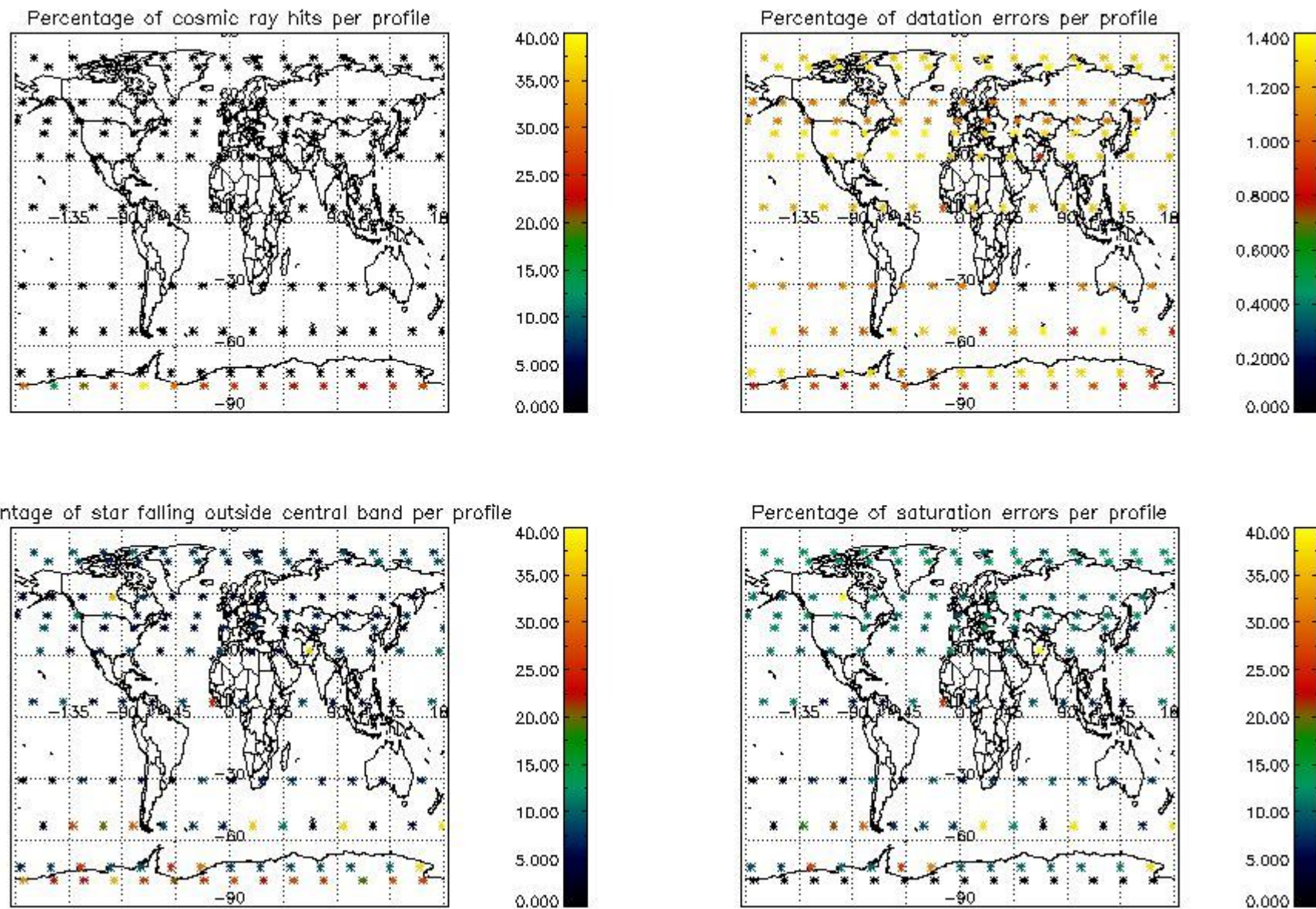
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 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

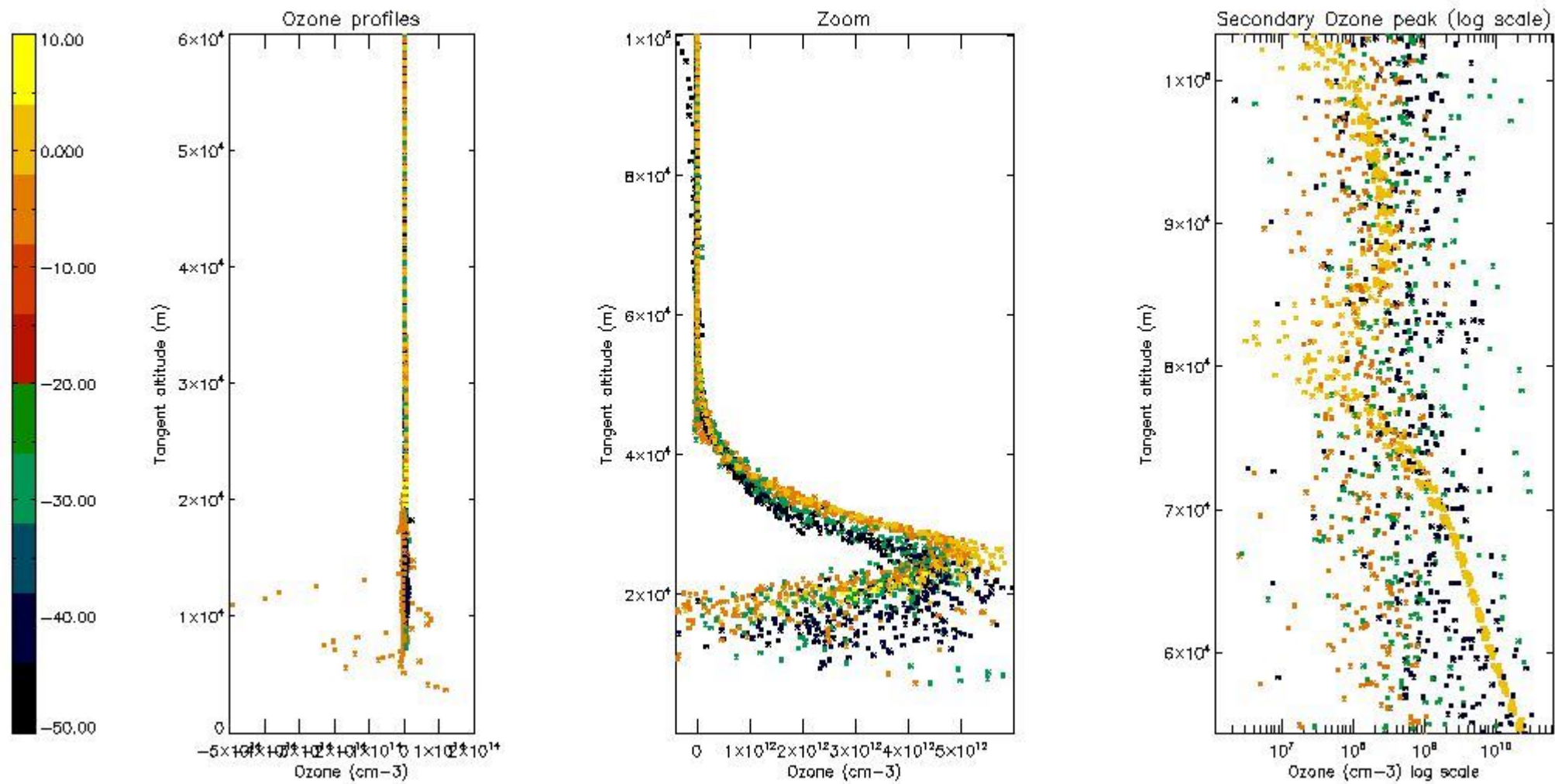
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	3

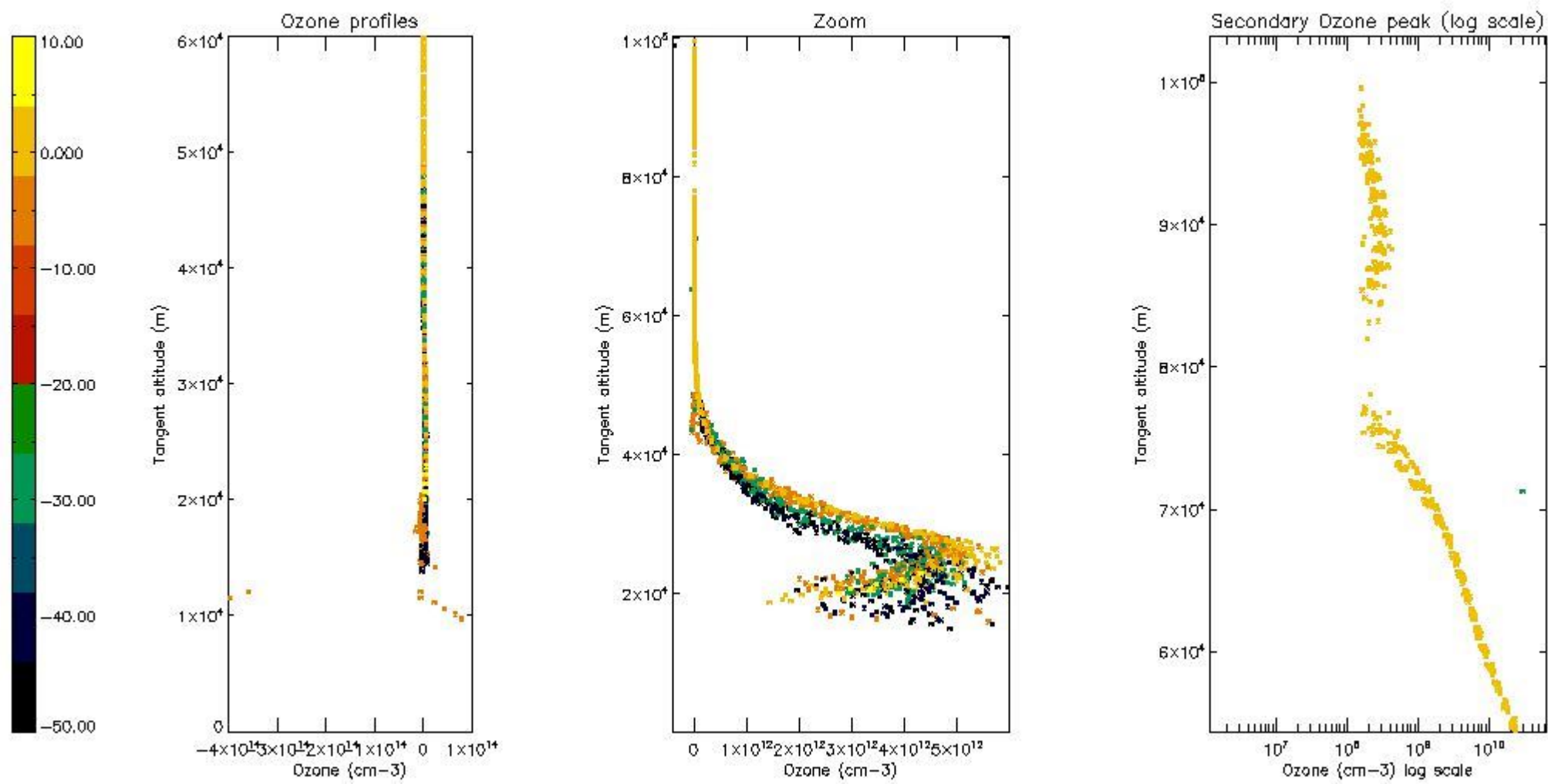
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

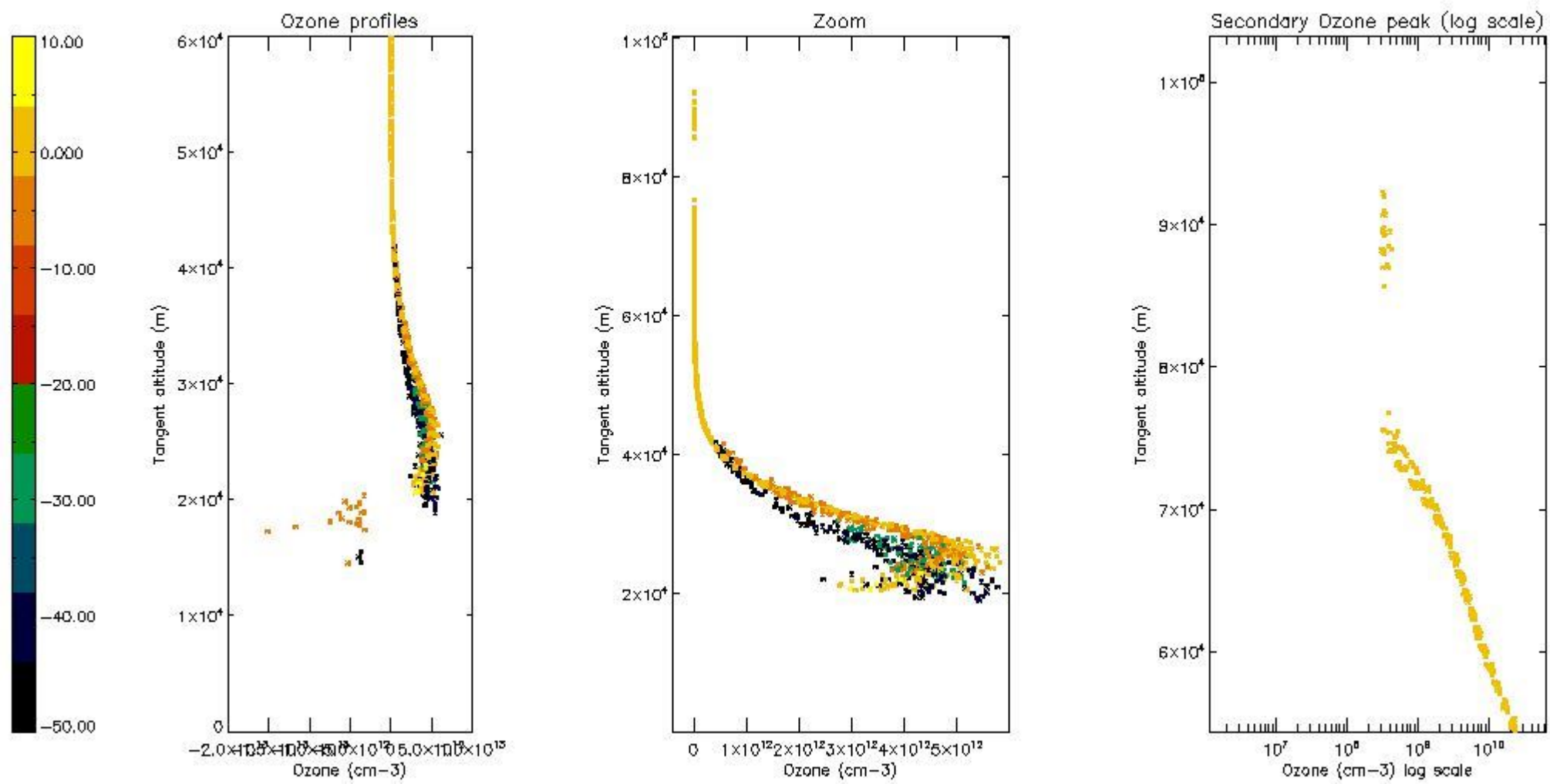
The colorbar represents the latitude.



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

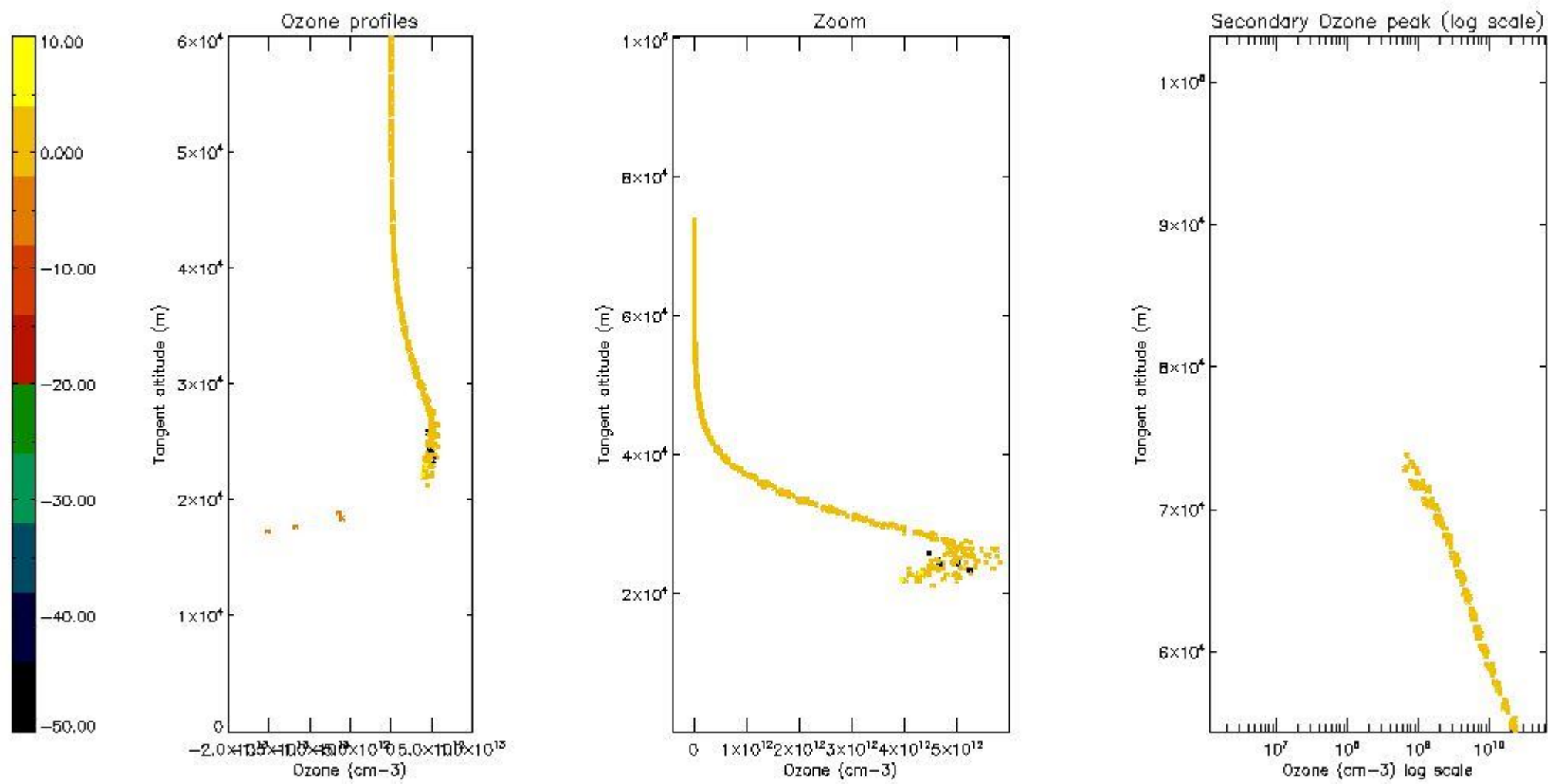
The colorbar represents the latitude.





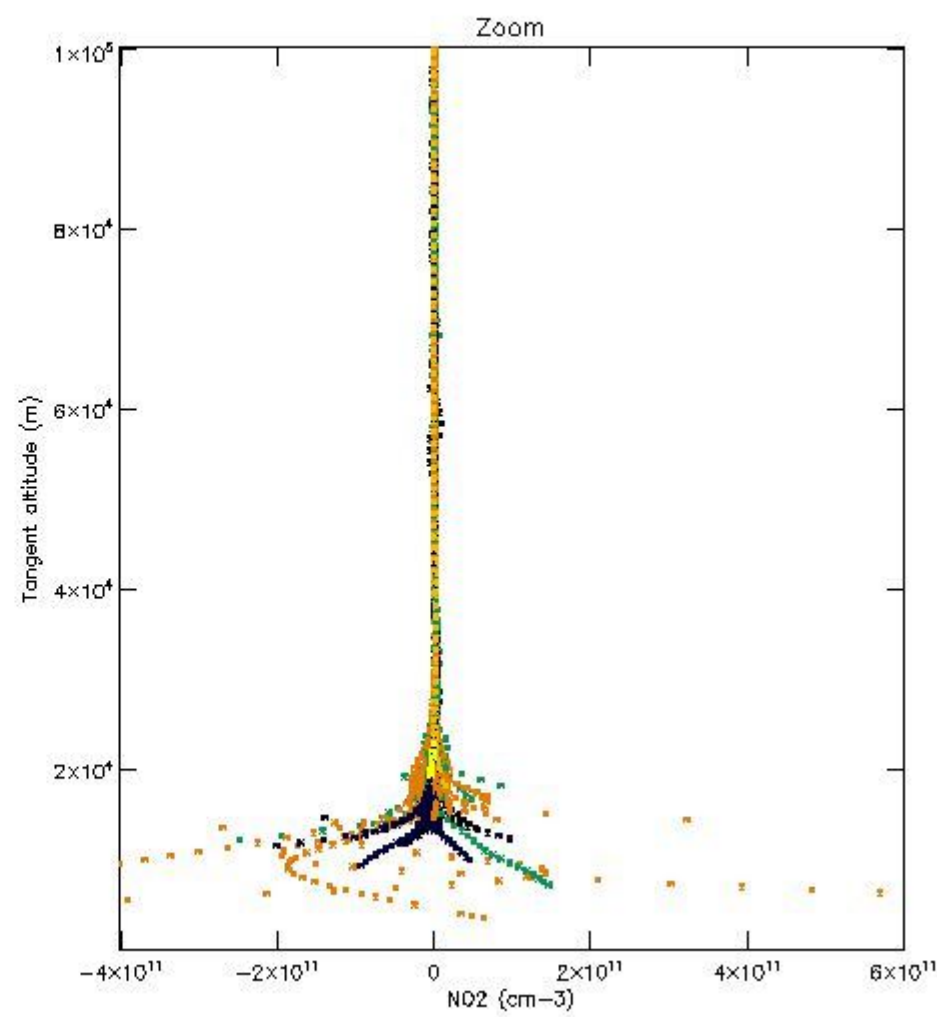
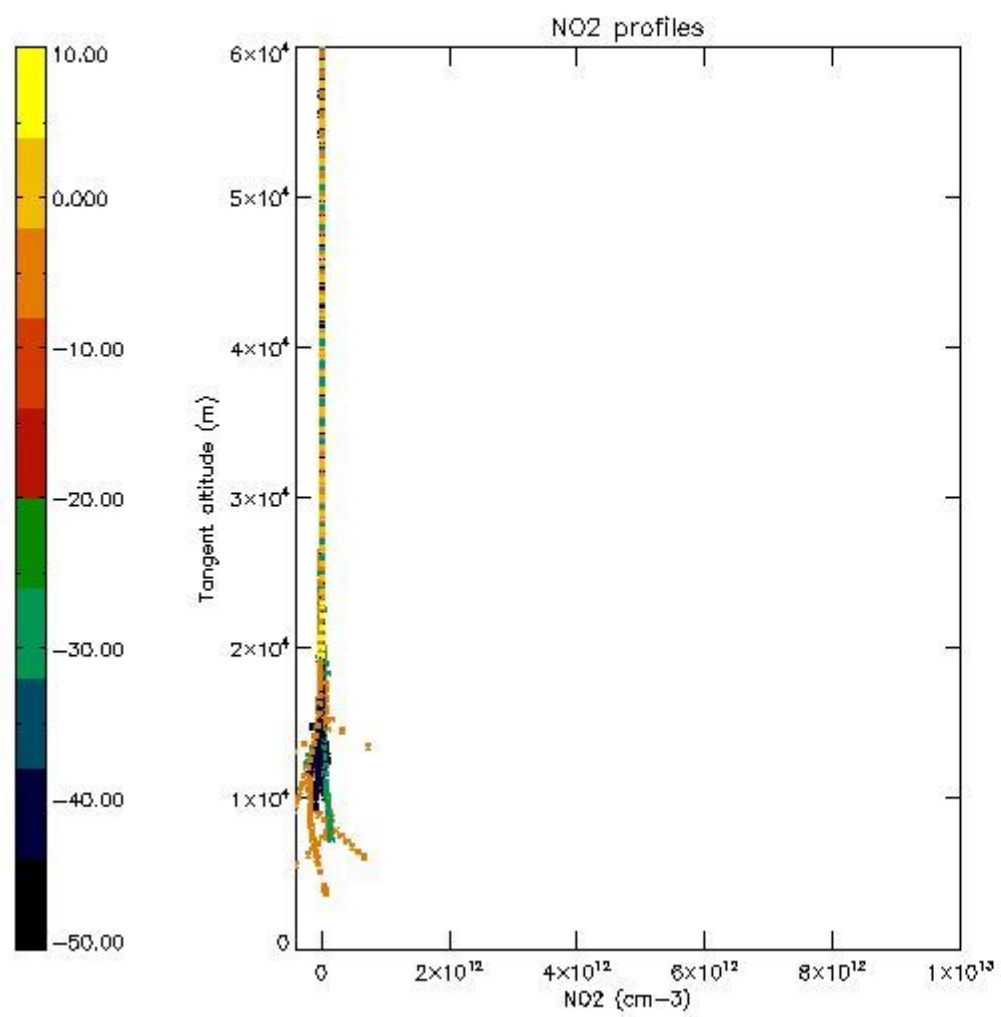
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

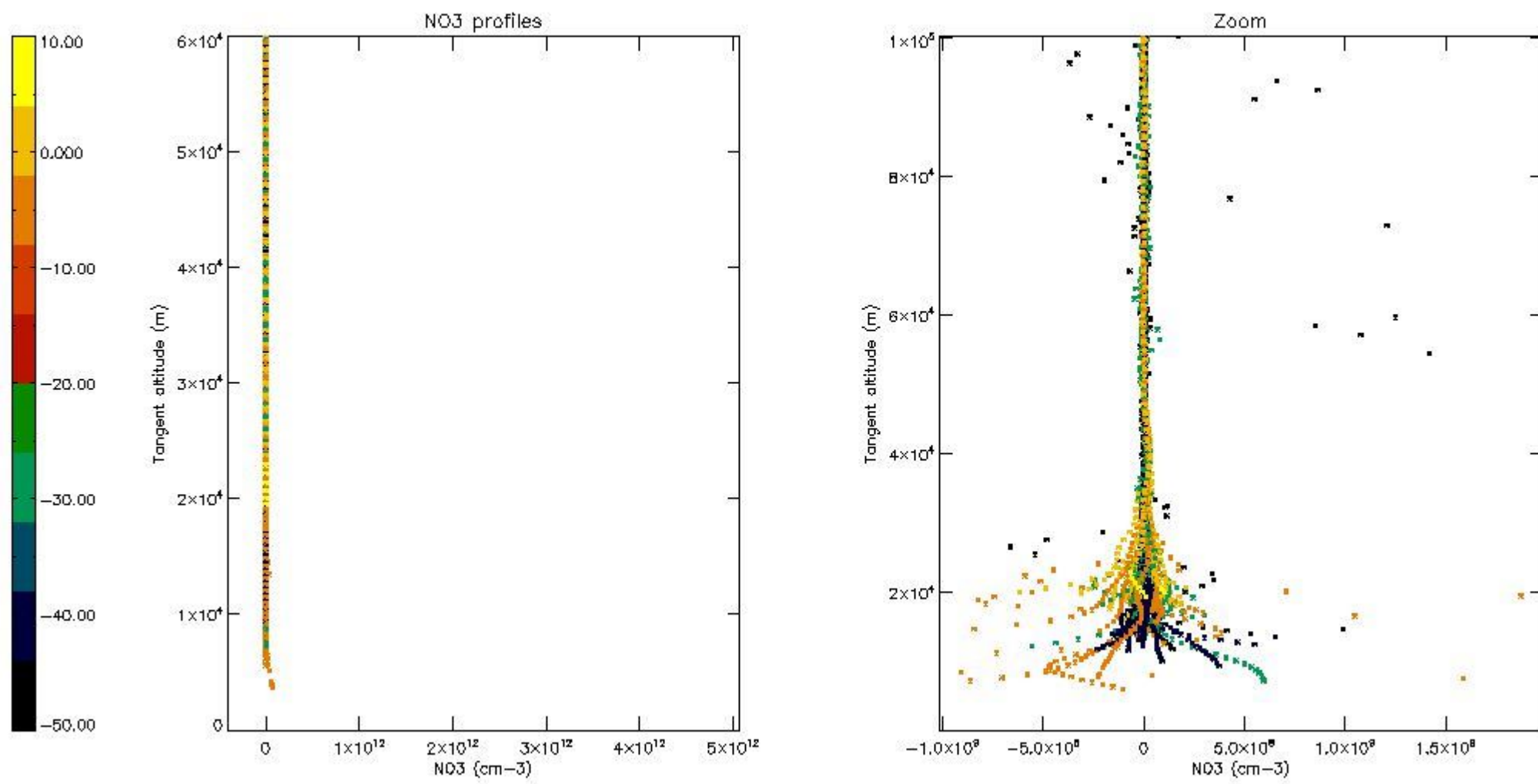
The colorbar represents the latitude.



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

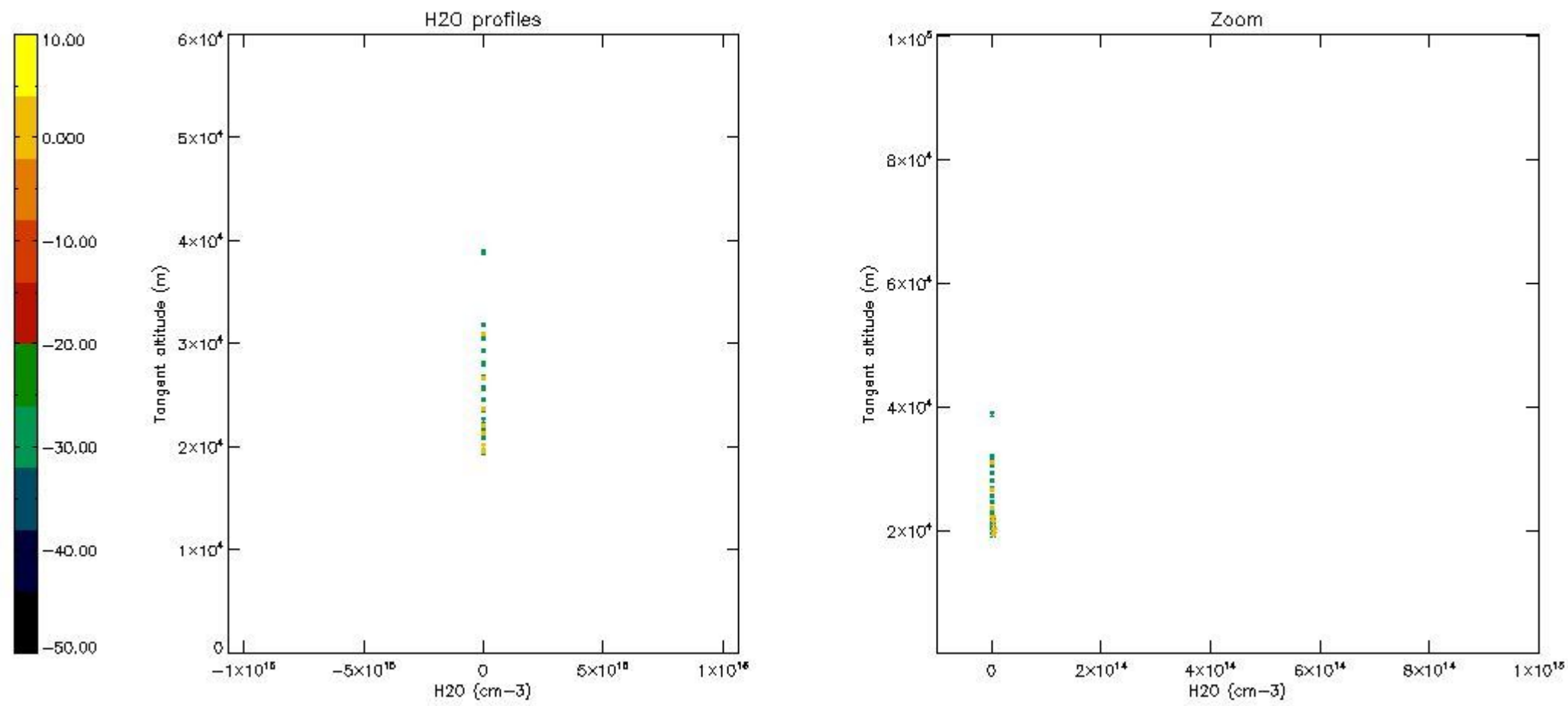
The colorbar represents the latitude.





5.8 Plot H<sub>2</sub>O 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	11-JUN-2008 00:06:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2008 00:06:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2008 00:06:22

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 16:02:48
Data source version	GOMOS/6.01
Start time of products	11-06-2008 (11JUN2008 00:00:00)
Stop time of products	12-06-2008 (12JUN2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	289
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__2PRFIN20080611_000622_000000422069_00216_32835_7187.N1	11-JUN-2008 00:06:22	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32835	No
2	GOM_NL__2PRFIN20080611_001222_000000512069_00217_32836_7180.N1	11-JUN-2008 00:12:22	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	32836	No
3	GOM_NL__2PRFIN20080611_001423_000000482069_00217_32836_7181.N1	11-JUN-2008 00:14:23	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32836	No
4	GOM_NL__2PRFIN20080611_001554_000000562069_00217_32836_7182.N1	11-JUN-2008 00:15:54	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32836	No
5	GOM_NL__2PRFIN20080611_001837_000000412069_00217_32836_7183.N1	11-JUN-2008 00:18:37	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32836	No
6	GOM_NL__2PRFIN20080611_002705_000000432069_00217_32836_7184.N1	11-JUN-2008 00:27:05	Straylight	43.000	40	The Sco	1.8590	7100.0	86	32836	No
7	GOM_NL__2PRFIN20080611_002850_000000432069_00217_32836_7185.N1	11-JUN-2008 00:28:50	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	32836	No
8	GOM_NL__2PRFIN20080611_003029_000000742069_00217_32836_7186.N1	11-JUN-2008 00:30:29	Bright	73.500	57	34Sig Sgr	2.0660	26000.	147	32836	No
9	GOM_NL__2PRFIN20080611_003537_000000412069_00217_32836_7187.N1	11-JUN-2008 00:35:37	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32836	No
10	GOM_NL__2PRFIN20080611_003723_000000382069_00217_32836_7188.N1	11-JUN-2008 00:37:23	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32836	No
11	GOM_NL__2PRFIN20080611_004237_000000462069_00217_32836_7189.N1	11-JUN-2008 00:42:37	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32836	No
12	GOM_NL__2PRFIN20080611_004514_000000472069_00217_32836_7190.N1	11-JUN-2008 00:45:14	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	32836	No
13	GOM_NL__2PRFIN20080611_004656_000000362069_00217_32836_7191.N1	11-JUN-2008 00:46:56	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	32836	No
14	GOM_NL__2PRFIN20080611_005005_000000402069_00217_32836_7192.N1	11-JUN-2008 00:50:05	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	32836	No
15	GOM_NL__2PRFIN20080611_005707_000000392069_00217_32836_7193.N1	11-JUN-2008 00:57:07	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	32836	No
16	GOM_NL__2PRFIN20080611_010747_000000462069_00217_32836_7194.N1	11-JUN-2008 01:07:47	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32836	No
17	GOM_NL__2PRFIN20080611_011401_000000372069_00217_32836_7195.N1	11-JUN-2008 01:14:01	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32836	No
18	GOM_NL__2PRFIN20080611_011958_000000392069_00217_32836_7196.N1	11-JUN-2008 01:19:58	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32836	No
19	GOM_NL__2PRFIN20080611_012218_000000552069_00217_32836_7197.N1	11-JUN-2008 01:22:18	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	32836	No
20	GOM_NL__2PRFIN20080611_012538_000000472069_00217_32836_7198.N1	11-JUN-2008 01:25:38	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32836	No
21	GOM_NL__2PRFIN20080611_014033_000000522069_00217_32836_7199.N1	11-JUN-2008 01:40:33	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32836	No
22	GOM_NL__2PRFIN20080611_014659_000000442069_00217_32836_7200.N1	11-JUN-2008 01:46:59	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32836	No
23	GOM_NL__2PRFIN20080611_015258_000000502069_00218_32837_7201.N1	11-JUN-2008 01:52:58	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	32837	No
24	GOM_NL__2PRFIN20080611_015500_000000512069_00218_32837_7202.N1	11-JUN-2008 01:55:00	Dark	51.000	31	Alp Gru	1.7340	15200.	102	32837	No
25	GOM_NL__2PRFIN20080611_015632_000000582069_00218_32837_7203.N1	11-JUN-2008 01:56:32	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	32837	No
26	GOM_NL__2PRFIN20080611_015913_000000422069_00218_32837_7204.N1	11-JUN-2008 01:59:13	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32837	No
27	GOM_NL__2PRFIN20080611_020744_000000462069_00218_32837_7205.N1	11-JUN-2008 02:07:44	Straylight	45.500	40	The Sco	1.8590	7100.0	91	32837	No
28	GOM_NL__2PRFIN20080611_020926_000000432069_00218_32837_7206.N1	11-JUN-2008 02:09:26	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	32837	No
29	GOM_NL__2PRFIN20080611_021106_000000692069_00218_32837_7207.N1	11-JUN-2008 02:11:06	Bright	68.500	57	34Sig Sgr	2.0660	26000.	137	32837	No
30	GOM_NL__2PRFIN20080611_021614_000000402069_00218_32837_7208.N1	11-JUN-2008 02:16:14	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32837	No
31	GOM_NL__2PRFIN20080611_021759_000000382069_00218_32837_7209.N1	11-JUN-2008 02:17:59	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32837	No
32	GOM_NL__2PRFIN20080611_022313_000000462069_00218_32837_7210.N1	11-JUN-2008 02:23:13	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32837	No
33	GOM_NL__2PRFIN20080611_022549_000000462069_00218_32837_7211.N1	11-JUN-2008 02:25:49	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32837	No
34	GOM_NL__2PRFIN20080611_022732_000000392069_00218_32837_7212.N1	11-JUN-2008 02:27:32	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32837	No
35	GOM_NL__2PRFIN20080611_023040_000000402069_00218_32837_7213.N1	11-JUN-2008 02:30:40	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32837	No
36	GOM_NL__2PRFIN20080611_023742_000000402069_00218_32837_7214.N1	11-JUN-2008 02:37:42	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32837	No
37	GOM_NL__2PRFIN20080611_024823_000000472069_00218_32837_7215.N1	11-JUN-2008 02:48:23	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32837	No
38	GOM_NL__2PRFIN20080611_025436_000000582069_00218_32837_7216.N1	11-JUN-2008 02:54:36	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	32837	No
39	GOM_NL__2PRFIN20080611_030034_000000392069_00218_32837_7217.N1	11-JUN-2008 03:00:34	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32837	No
40	GOM_NL__2PRFIN20080611_030254_000000572069_00218_32837_7218.N1	11-JUN-2008 03:02:54	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	32837	No
41	GOM_NL__2PRFIN20080611_030614_000000472069_00218_32837_7219.N1	11-JUN-2008 03:06:14	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32837	No
42	GOM_NL__2PRFIN20080611_032109_000000512069_00218_32837_7220.N1	11-JUN-2008 03:21:09	Dark	51.000	52	16Bet Cet	2.0370	4500.0	102	32837	No

43	GOM_NL__2PRFIN20080611_032735_000000462069_00218_32837_7221.N1	11-JUN-2008 03:27:35	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32837	No
44	GOM_NL__2PRFIN20080611_033335_000000512069_00219_32838_7216.N1	11-JUN-2008 03:33:35	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32838	No
45	GOM_NL__2PRFIN20080611_033537_000000492069_00219_32838_7217.N1	11-JUN-2008 03:35:37	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32838	No
46	GOM_NL__2PRFIN20080611_033709_000000562069_00219_32838_7218.N1	11-JUN-2008 03:37:09	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32838	No
47	GOM_NL__2PRFIN20080611_033950_000000452069_00219_32838_7219.N1	11-JUN-2008 03:39:50	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	32838	No
48	GOM_NL__2PRFIN20080611_035002_000000412069_00219_32838_7220.N1	11-JUN-2008 03:50:02	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	32838	No
49	GOM_NL__2PRFIN20080611_035142_000000562069_00219_32838_7221.N1	11-JUN-2008 03:51:42	Bright	56.000	57	34Sig Sgr	2.0660	26000.	112	32838	No
50	GOM_NL__2PRFIN20080611_035650_000000402069_00219_32838_7222.N1	11-JUN-2008 03:56:50	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32838	No
51	GOM_NL__2PRFIN20080611_035835_000000382069_00219_32838_7223.N1	11-JUN-2008 03:58:35	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32838	No
52	GOM_NL__2PRFIN20080611_040348_000000472069_00219_32838_7224.N1	11-JUN-2008 04:03:48	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32838	No
53	GOM_NL__2PRFIN20080611_040625_000000452069_00219_32838_7225.N1	11-JUN-2008 04:06:25	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	32838	No
54	GOM_NL__2PRFIN20080611_040808_000000382069_00219_32838_7226.N1	11-JUN-2008 04:08:08	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32838	No
55	GOM_NL__2PRFIN20080611_041116_000000392069_00219_32838_7227.N1	11-JUN-2008 04:11:16	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32838	No
56	GOM_NL__2PRFIN20080611_041818_000000412069_00219_32838_7228.N1	11-JUN-2008 04:18:18	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32838	No
57	GOM_NL__2PRFIN20080611_042858_000000472069_00219_32838_7229.N1	11-JUN-2008 04:28:58	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32838	No
58	GOM_NL__2PRFIN20080611_043512_000000372069_00219_32838_7230.N1	11-JUN-2008 04:35:12	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	32838	No
59	GOM_NL__2PRFIN20080611_044110_000000392069_00219_32838_7231.N1	11-JUN-2008 04:41:10	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32838	No
60	GOM_NL__2PRFIN20080611_044330_000000532069_00219_32838_7232.N1	11-JUN-2008 04:43:30	Twilight	53.000	53	43Bet And	2.0480	3300.0	106	32838	No
61	GOM_NL__2PRFIN20080611_044650_000000452069_00219_32838_7233.N1	11-JUN-2008 04:46:50	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32838	No
62	GOM_NL__2PRFIN20080611_050146_000000542069_00219_32838_7234.N1	11-JUN-2008 05:01:46	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32838	No
63	GOM_NL__2PRFIN20080611_050812_000000462069_00219_32838_7235.N1	11-JUN-2008 05:08:12	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	32838	No
64	GOM_NL__2PRFIN20080611_051412_000000482069_00220_32839_7228.N1	11-JUN-2008 05:14:12	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32839	No
65	GOM_NL__2PRFIN20080611_051614_000000472069_00220_32839_7229.N1	11-JUN-2008 05:16:14	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32839	No
66	GOM_NL__2PRFIN20080611_051746_000000562069_00220_32839_7230.N1	11-JUN-2008 05:17:46	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32839	No
67	GOM_NL__2PRFIN20080611_052027_000000422069_00220_32839_7231.N1	11-JUN-2008 05:20:27	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32839	No
68	GOM_NL__2PRFIN20080611_053039_000000442069_00220_32839_7232.N1	11-JUN-2008 05:30:39	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32839	No
69	GOM_NL__2PRFIN20080611_053219_000000682069_00220_32839_7233.N1	11-JUN-2008 05:32:19	Bright	67.500	57	34Sig Sgr	2.0660	26000.	135	32839	No
70	GOM_NL__2PRFIN20080611_053726_000000412069_00220_32839_7234.N1	11-JUN-2008 05:37:26	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32839	No
71	GOM_NL__2PRFIN20080611_053911_000000372069_00220_32839_7235.N1	11-JUN-2008 05:39:11	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	32839	No
72	GOM_NL__2PRFIN20080611_054424_000000462069_00220_32839_7236.N1	11-JUN-2008 05:44:24	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32839	No
73	GOM_NL__2PRFIN20080611_054700_000000462069_00220_32839_7237.N1	11-JUN-2008 05:47:00	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32839	No
74	GOM_NL__2PRFIN20080611_054843_000000382069_00220_32839_7238.N1	11-JUN-2008 05:48:43	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32839	No
75	GOM_NL__2PRFIN20080611_055152_000000572069_00220_32839_7239.N1	11-JUN-2008 05:51:52	Bright	57.000	133	40Zet Her	2.8070	6000.0	114	32839	No
76	GOM_NL__2PRFIN20080611_055853_000000422069_00220_32839_7240.N1	11-JUN-2008 05:58:53	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32839	No
77	GOM_NL__2PRFIN20080611_060934_000000472069_00220_32839_7241.N1	11-JUN-2008 06:09:34	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32839	No
78	GOM_NL__2PRFIN20080611_061548_000000412069_00220_32839_7242.N1	11-JUN-2008 06:15:48	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32839	No
79	GOM_NL__2PRFIN20080611_062146_000000382069_00220_32839_7243.N1	11-JUN-2008 06:21:46	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32839	No
80	GOM_NL__2PRFIN20080611_062406_000000572069_00220_32839_7244.N1	11-JUN-2008 06:24:06	Twilight	56.500	53	43Bet And	2.0480	3300.0	113	32839	No
81	GOM_NL__2PRFIN20080611_062726_000000492069_00220_32839_7245.N1	11-JUN-2008 06:27:26	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	32839	No
82	GOM_NL__2PRFIN20080611_064223_000000542069_00220_32839_7246.N1	11-JUN-2008 06:42:23	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32839	No
83	GOM_NL__2PRFIN20080611_064849_000000472069_00220_32839_7247.N1	11-JUN-2008 06:48:49	Dark	47.000	84	Alp Phe	2.3970	4500.0	94	32839	No
84	GOM_NL__2PRFIN20080611_065449_000000622069_00221_32840_7240.N1	11-JUN-2008 06:54:49	Dark	62.000	63	Bet Gru	2.1500	2800.0	124	32840	No
85	GOM_NL__2PRFIN20080611_065651_000000492069_00221_32840_7241.N1	11-JUN-2008 06:56:51	Dark	49.000	31	Alp Gru	1.7340	15200.	98	32840	No
86	GOM_NL__2PRFIN20080611_065824_000000562069_00221_32840_7242.N1	11-JUN-2008 06:58:24	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32840	No
87	GOM_NL__2PRFIN20080611_070103_000000452069_00221_32840_7243.N1	11-JUN-2008 07:01:03	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	32840	No
88	GOM_NL__2PRFIN20080611_071115_000000422069_00221_32840_7244.N1	11-JUN-2008 07:11:15	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	32840	No
89	GOM_NL__2PRFIN20080611_071255_000000572069_00221_32840_7245.N1	11-JUN-2008 07:12:55	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	32840	No
90	GOM_NL__2PRFIN20080611_071802_000000412069_00221_32840_7246.N1	11-JUN-2008 07:18:02	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32840	No
91	GOM_NL__2PRFIN20080611_071947_000000362069_00221_32840_7247.N1	11-JUN-2008 07:19:47	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	32840	No
92	GOM_NL__2PRFIN20080611_072500_000000472069_00221_32840_7248.N1	11-JUN-2008 07:25:00	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32840	No
93	GOM_NL__2PRFIN20080611_072736_000000472069_00221_32840_7249.N1	11-JUN-2008 07:27:36	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	32840	No
94	GOM_NL__2PRFIN20080611_072919_000000372069_00221_32840_7250.N1	11-JUN-2008 07:29:19	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32840	No
95	GOM_NL__2PRFIN20080611_073228_000000392069_00221_32840_7251.N1	11-JUN-2008 07:32:28	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32840	No
96	GOM_NL__2PRFIN20080611_073929_000000382069_00221_32840_7252.N1	11-JUN-2008 07:39:29	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	32840	No
97	GOM_NL__2PRFIN20080611_075009_000000472069_00221_32840_7253.N1	11-JUN-2008 07:50:09	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32840	No
98	GOM_NL__2PRFIN20080611_075624_000000582069_00221_32840_7254.N1	11-JUN-2008 07:56:24	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	32840	No
99	GOM_NL__2PRFIN20080611_080222_000000392069_00221_32840_7255.N1	11-JUN-2008 08:02:22	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32840	No
100	GOM_NL__2PRFIN20080611_080442_000000552069_00221_32840_7256.N1	11-JUN-2008 08:04:42	Twilight	55.000	53	43Bet And	2.0480	3300.0	110	32840	No
101	GOM_NL__2PRFIN20080611_080802_000000452069_00221_32840_7257.N1	11-JUN-2008 08:08:02	Twilight	44.500	50	13Alp Ari	2.0070	4250.0	89	32840	No

102	GOM_NL__2PRFIN20080611_082300_000000522069_00221_32840_7258.N1	11-JUN-2008 08:23:00	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32840	No
103	GOM_NL__2PRFIN20080611_082926_000000432069_00221_32840_7259.N1	11-JUN-2008 08:29:26	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	32840	No
104	GOM_NL__2PRFIN20080611_083526_000000642069_00222_32841_7262.N1	11-JUN-2008 08:35:26	Dark	64.000	63	Bet Gru	2.1500	2800.0	128	32841	No
105	GOM_NL__2PRFIN20080611_083728_000000462069_00222_32841_7263.N1	11-JUN-2008 08:37:28	Dark	45.500	31	Alp Gru	1.7340	15200.	91	32841	No
106	GOM_NL__2PRFIN20080611_083901_000000582069_00222_32841_7264.N1	11-JUN-2008 08:39:01	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	32841	No
107	GOM_NL__2PRFIN20080611_084140_000000472069_00222_32841_7265.N1	11-JUN-2008 08:41:40	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	32841	No
108	GOM_NL__2PRFIN20080611_085151_000000442069_00222_32841_7266.N1	11-JUN-2008 08:51:51	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32841	No
109	GOM_NL__2PRFIN20080611_085331_000000642069_00222_32841_7267.N1	11-JUN-2008 08:53:31	Bright	64.000	57	34Sig Sgr	2.0660	26000.	128	32841	No
110	GOM_NL__2PRFIN20080611_085838_000000392069_00222_32841_7268.N1	11-JUN-2008 08:58:38	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	32841	No
111	GOM_NL__2PRFIN20080611_090023_000000372069_00222_32841_7269.N1	11-JUN-2008 09:00:23	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32841	No
112	GOM_NL__2PRFIN20080611_090535_000000472069_00222_32841_7270.N1	11-JUN-2008 09:05:35	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32841	No
113	GOM_NL__2PRFIN20080611_090811_000000462069_00222_32841_7271.N1	11-JUN-2008 09:08:11	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32841	No
114	GOM_NL__2PRFIN20080611_090955_000000392069_00222_32841_7272.N1	11-JUN-2008 09:09:55	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32841	No
115	GOM_NL__2PRFIN20080611_091303_000000392069_00222_32841_7273.N1	11-JUN-2008 09:13:03	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32841	No
116	GOM_NL__2PRFIN20080611_092004_000000422069_00222_32841_7274.N1	11-JUN-2008 09:20:04	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32841	No
117	GOM_NL__2PRFIN20080611_093044_000000462069_00222_32841_7275.N1	11-JUN-2008 09:30:44	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	32841	No
118	GOM_NL__2PRFIN20080611_093700_000000392069_00222_32841_7276.N1	11-JUN-2008 09:37:00	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32841	No
119	GOM_NL__2PRFIN20080611_094258_000000512069_00222_32841_7277.N1	11-JUN-2008 09:42:58	Bright	50.500	73	57Gam1And	2.2600	13100.	101	32841	No
120	GOM_NL__2PRFIN20080611_094518_000000512069_00222_32841_7278.N1	11-JUN-2008 09:45:18	Tw_i_and_stray	51.000	53	43Bet And	2.0480	3300.0	102	32841	No
121	GOM_NL__2PRFIN20080611_094839_000000472069_00222_32841_7279.N1	11-JUN-2008 09:48:39	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32841	No
122	GOM_NL__2PRFIN20080611_100337_000000562069_00222_32841_7280.N1	11-JUN-2008 10:03:37	Dark	55.500	52	16Bet Cet	2.0370	4500.0	111	32841	No
123	GOM_NL__2PRFIN20080611_101002_000000442069_00222_32841_7281.N1	11-JUN-2008 10:10:02	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	32841	No
124	GOM_NL__2PRFIN20080611_101603_000000622069_00223_32842_7274.N1	11-JUN-2008 10:16:03	Dark	61.500	63	Bet Gru	2.1500	2800.0	123	32842	No
125	GOM_NL__2PRFIN20080611_101805_000000482069_00223_32842_7275.N1	11-JUN-2008 10:18:05	Dark	48.000	31	Alp Gru	1.7340	15200.	96	32842	No
126	GOM_NL__2PRFIN20080611_101938_000000582069_00223_32842_7276.N1	11-JUN-2008 10:19:38	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	32842	No
127	GOM_NL__2PRFIN20080611_102216_000000432069_00223_32842_7277.N1	11-JUN-2008 10:22:16	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	32842	No
128	GOM_NL__2PRFIN20080611_103227_000000432069_00223_32842_7278.N1	11-JUN-2008 10:32:27	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32842	No
129	GOM_NL__2PRFIN20080611_103408_000000562069_00223_32842_7279.N1	11-JUN-2008 10:34:08	Bright	56.000	57	34Sig Sgr	2.0660	26000.	112	32842	No
130	GOM_NL__2PRFIN20080611_103914_000000402069_00223_32842_7280.N1	11-JUN-2008 10:39:14	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32842	No
131	GOM_NL__2PRFIN20080611_104059_000000382069_00223_32842_7281.N1	11-JUN-2008 10:40:59	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32842	No
132	GOM_NL__2PRFIN20080611_104611_000000462069_00223_32842_7282.N1	11-JUN-2008 10:46:11	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	32842	No
133	GOM_NL__2PRFIN20080611_104847_000000442069_00223_32842_7283.N1	11-JUN-2008 10:48:47	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	32842	No
134	GOM_NL__2PRFIN20080611_105031_000000382069_00223_32842_7284.N1	11-JUN-2008 10:50:31	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32842	No
135	GOM_NL__2PRFIN20080611_105339_000000402069_00223_32842_7285.N1	11-JUN-2008 10:53:39	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32842	No
136	GOM_NL__2PRFIN20080611_110040_000000512069_00223_32842_7286.N1	11-JUN-2008 11:00:40	Bright	51.000	130	23Bet Dra	2.7990	5800.0	102	32842	No
137	GOM_NL__2PRFIN20080611_111119_000000482069_00223_32842_7287.N1	11-JUN-2008 11:11:19	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	32842	No
138	GOM_NL__2PRFIN20080611_111735_000000402069_00223_32842_7288.N1	11-JUN-2008 11:17:35	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32842	No
139	GOM_NL__2PRFIN20080611_112334_000000472069_00223_32842_7289.N1	11-JUN-2008 11:23:34	Bright	46.500	73	57Gam1And	2.2600	13100.	93	32842	No
140	GOM_NL__2PRFIN20080611_112554_000000552069_00223_32842_7290.N1	11-JUN-2008 11:25:54	Tw_i_and_stray	54.500	53	43Bet And	2.0480	3300.0	109	32842	No
141	GOM_NL__2PRFIN20080611_112915_000000502069_00223_32842_7291.N1	11-JUN-2008 11:29:15	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32842	No
142	GOM_NL__2PRFIN20080611_114414_000000512069_00223_32842_7292.N1	11-JUN-2008 11:44:14	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	32842	No
143	GOM_NL__2PRFIN20080611_115039_000000432069_00223_32842_7293.N1	11-JUN-2008 11:50:39	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32842	No
144	GOM_NL__2PRFIN20080611_115640_000000512069_00224_32843_7290.N1	11-JUN-2008 11:56:40	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32843	No
145	GOM_NL__2PRFIN20080611_115841_000000472069_00224_32843_7291.N1	11-JUN-2008 11:58:41	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32843	No
146	GOM_NL__2PRFIN20080611_120015_000000572069_00224_32843_7292.N1	11-JUN-2008 12:00:15	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	32843	No
147	GOM_NL__2PRFIN20080611_120253_000000422069_00224_32843_7293.N1	11-JUN-2008 12:02:53	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32843	No
148	GOM_NL__2PRFIN20080611_121304_000000442069_00224_32843_7294.N1	11-JUN-2008 12:13:04	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	32843	No
149	GOM_NL__2PRFIN20080611_121444_000000632069_00224_32843_7295.N1	11-JUN-2008 12:14:44	Bright	62.500	57	34Sig Sgr	2.0660	26000.	125	32843	No
150	GOM_NL__2PRFIN20080611_121950_000000392069_00224_32843_7296.N1	11-JUN-2008 12:19:50	Bright	39.000	86	35Eta Oph	2.4300	10200.	78	32843	No
151	GOM_NL__2PRFIN20080611_122135_000000372069_00224_32843_7297.N1	11-JUN-2008 12:21:35	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	32843	No
152	GOM_NL__2PRFIN20080611_122646_000000472069_00224_32843_7298.N1	11-JUN-2008 12:26:46	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32843	No
153	GOM_NL__2PRFIN20080611_122922_000000462069_00224_32843_7299.N1	11-JUN-2008 12:29:22	Bright	46.000	59	55Alp Oph	2.0800	8900.0	92	32843	No
154	GOM_NL__2PRFIN20080611_123106_000000372069_00224_32843_7300.N1	11-JUN-2008 12:31:06	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	32843	No
155	GOM_NL__2PRFIN20080611_123414_000000392069_00224_32843_7301.N1	11-JUN-2008 12:34:14	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	32843	No
156	GOM_NL__2PRFIN20080611_124115_000000422069_00224_32843_7302.N1	11-JUN-2008 12:41:15	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32843	No
157	GOM_NL__2PRFIN20080611_125154_000000452069_00224_32843_7303.N1	11-JUN-2008 12:51:54	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	32843	No
158	GOM_NL__2PRFIN20080611_125811_000000402069_00224_32843_7304.N1	11-JUN-2008 12:58:11	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	32843	No
159	GOM_NL__2PRFIN20080611_130410_000000392069_00224_32843_7305.N1	11-JUN-2008 13:04:10	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32843	No
160	GOM_NL__2PRFIN20080611_130630_000000622069_00224_32843_7306.N1	11-JUN-2008 13:06:30	Tw_i_and_stray	62.000	53	43Bet And	2.0480	3300.0	124	32843	No



161	GOM_NL__2PRFIN20080611_130951_000000472069_00224_32843_7307.N1	11-JUN-2008 13:09:51	Twilight	47.000	50	13Alp Ari	2.0070	4250.0	94	32843	No
162	GOM_NL__2PRFIN20080611_132450_000000552069_00224_32843_7308.N1	11-JUN-2008 13:24:50	Dark	54.500	52	16Bet Cet	2.0370	4500.0	109	32843	No
163	GOM_NL__2PRFIN20080611_133115_000000442069_00224_32843_7309.N1	11-JUN-2008 13:31:15	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	32843	No
164	GOM_NL__2PRFIN20080611_133717_000000492069_00225_32844_7301.N1	11-JUN-2008 13:37:17	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	32844	No
165	GOM_NL__2PRFIN20080611_133918_000000492069_00225_32844_7302.N1	11-JUN-2008 13:39:18	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32844	No
166	GOM_NL__2PRFIN20080611_134053_000000592069_00225_32844_7303.N1	11-JUN-2008 13:40:53	Straylight	58.500	172	Gam Gru	3.0030	13100.	117	32844	No
167	GOM_NL__2PRFIN20080611_134329_000000482069_00225_32844_7304.N1	11-JUN-2008 13:43:29	Straylight	48.000	45	Alp Pav	1.9400	26000.	96	32844	No
168	GOM_NL__2PRFIN20080611_135340_000000422069_00225_32844_7305.N1	11-JUN-2008 13:53:40	Tw_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	32844	No
169	GOM_NL__2PRFIN20080611_135520_000000672069_00225_32844_7306.N1	11-JUN-2008 13:55:20	Bright	66.500	57	34Sig Sgr	2.0660	26000.	133	32844	No
170	GOM_NL__2PRFIN20080611_140026_000000402069_00225_32844_7307.N1	11-JUN-2008 14:00:26	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	32844	No
171	GOM_NL__2PRFIN20080611_140211_000000382069_00225_32844_7308.N1	11-JUN-2008 14:02:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32844	No
172	GOM_NL__2PRFIN20080611_140722_000000462069_00225_32844_7309.N1	11-JUN-2008 14:07:22	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	32844	No
173	GOM_NL__2PRFIN20080611_140958_000000452069_00225_32844_7310.N1	11-JUN-2008 14:09:58	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	32844	No
174	GOM_NL__2PRFIN20080611_141142_000000372069_00225_32844_7311.N1	11-JUN-2008 14:11:42	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32844	No
175	GOM_NL__2PRFIN20080611_141450_000000372069_00225_32844_7312.N1	11-JUN-2008 14:14:50	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	32844	No
176	GOM_NL__2PRFIN20080611_142151_000000402069_00225_32844_7313.N1	11-JUN-2008 14:21:51	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	32844	No
177	GOM_NL__2PRFIN20080611_143230_000000472069_00225_32844_7314.N1	11-JUN-2008 14:32:30	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	32844	No
178	GOM_NL__2PRFIN20080611_143847_000000512069_00225_32844_7315.N1	11-JUN-2008 14:38:47	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	32844	No
179	GOM_NL__2PRFIN20080611_144446_000000392069_00225_32844_7316.N1	11-JUN-2008 14:44:46	Bright	38.500	73	57Gam1And	2.2600	13100.	77	32844	No
180	GOM_NL__2PRFIN20080611_144706_000000522069_00225_32844_7317.N1	11-JUN-2008 14:47:06	Tw_and_stray	52.000	53	43Bet And	2.0480	3300.0	104	32844	No
181	GOM_NL__2PRFIN20080611_145027_000000442069_00225_32844_7318.N1	11-JUN-2008 14:50:27	Twilight	44.000	50	13Alp Ari	2.0070	4250.0	88	32844	No
182	GOM_NL__2PRFIN20080611_150527_000000522069_00225_32844_7319.N1	11-JUN-2008 15:05:27	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32844	No
183	GOM_NL__2PRFIN20080611_151152_000000422069_00225_32844_7320.N1	11-JUN-2008 15:11:52	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	32844	No
184	GOM_NL__2PRFIN20080611_151754_000000522069_00226_32845_7307.N1	11-JUN-2008 15:17:54	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	32845	No
185	GOM_NL__2PRFIN20080611_151955_000000472069_00226_32845_7308.N1	11-JUN-2008 15:19:55	Dark	46.500	31	Alp Gru	1.7340	15200.	93	32845	No
186	GOM_NL__2PRFIN20080611_152130_000000572069_00226_32845_7309.N1	11-JUN-2008 15:21:30	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	32845	No
187	GOM_NL__2PRFIN20080611_152406_000000422069_00226_32845_7310.N1	11-JUN-2008 15:24:06	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32845	No
188	GOM_NL__2PRFIN20080611_153416_000000452069_00226_32845_7311.N1	11-JUN-2008 15:34:16	Tw_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	32845	No
189	GOM_NL__2PRFIN20080611_153557_000000572069_00226_32845_7312.N1	11-JUN-2008 15:35:57	Bright	57.000	57	34Sig Sgr	2.0660	26000.	114	32845	No
190	GOM_NL__2PRFIN20080611_154102_000000402069_00226_32845_7313.N1	11-JUN-2008 15:41:02	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32845	No
191	GOM_NL__2PRFIN20080611_154247_000000382069_00226_32845_7314.N1	11-JUN-2008 15:42:47	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32845	No
192	GOM_NL__2PRFIN20080611_154758_000000472069_00226_32845_7315.N1	11-JUN-2008 15:47:58	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	32845	No
193	GOM_NL__2PRFIN20080611_155033_000000462069_00226_32845_7316.N1	11-JUN-2008 15:50:33	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	32845	No
194	GOM_NL__2PRFIN20080611_155218_000000382069_00226_32845_7317.N1	11-JUN-2008 15:52:18	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	32845	No
195	GOM_NL__2PRFIN20080611_155526_000000402069_00226_32845_7318.N1	11-JUN-2008 15:55:26	Bright	39.500	133	40Zet Her	2.8070	6000.0	79	32845	No
196	GOM_NL__2PRFIN20080611_160226_000000412069_00226_32845_7319.N1	11-JUN-2008 16:02:26	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	32845	No
197	GOM_NL__2PRFIN20080611_161305_000000462069_00226_32845_7320.N1	11-JUN-2008 16:13:05	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32845	No
198	GOM_NL__2PRFIN20080611_161922_000000462069_00226_32845_7321.N1	11-JUN-2008 16:19:22	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	32845	No
199	GOM_NL__2PRFIN20080611_162522_000000482069_00226_32845_7322.N1	11-JUN-2008 16:25:22	Bright	47.500	73	57Gam1And	2.2600	13100.	95	32845	No
200	GOM_NL__2PRFIN20080611_162742_000000532069_00226_32845_7323.N1	11-JUN-2008 16:27:42	Tw_and_stray	53.000	53	43Bet And	2.0480	3300.0	106	32845	No
201	GOM_NL__2PRFIN20080611_163103_000000482069_00226_32845_7324.N1	11-JUN-2008 16:31:03	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	32845	No
202	GOM_NL__2PRFIN20080611_164604_000000522069_00226_32845_7325.N1	11-JUN-2008 16:46:04	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	32845	No
203	GOM_NL__2PRFIN20080611_165229_000000532069_00226_32845_7326.N1	11-JUN-2008 16:52:29	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	32845	No
204	GOM_NL__2PRFIN20080611_165830_000000492069_00227_32846_7320.N1	11-JUN-2008 16:58:30	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	32846	No
205	GOM_NL__2PRFIN20080611_170032_000000492069_00227_32846_7321.N1	11-JUN-2008 17:00:32	Dark	48.500	31	Alp Gru	1.7340	15200.	97	32846	No
206	GOM_NL__2PRFIN20080611_170207_000000552069_00227_32846_7322.N1	11-JUN-2008 17:02:07	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	32846	No
207	GOM_NL__2PRFIN20080611_170443_000000422069_00227_32846_7323.N1	11-JUN-2008 17:04:43	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32846	No
208	GOM_NL__2PRFIN20080611_171452_000000422069_00227_32846_7324.N1	11-JUN-2008 17:14:52	Tw_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	32846	No
209	GOM_NL__2PRFIN20080611_171633_000000552069_00227_32846_7325.N1	11-JUN-2008 17:16:33	Bright	55.000	57	34Sig Sgr	2.0660	26000.	110	32846	No
210	GOM_NL__2PRFIN20080611_172138_000000402069_00227_32846_7326.N1	11-JUN-2008 17:21:38	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32846	No
211	GOM_NL__2PRFIN20080611_172323_000000382069_00227_32846_7327.N1	11-JUN-2008 17:23:23	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32846	No
212	GOM_NL__2PRFIN20080611_172833_000000682069_00227_32846_7328.N1	11-JUN-2008 17:28:33	Bright	68.000	126	60Bet Oph	2.7700	4250.0	136	32846	No
213	GOM_NL__2PRFIN20080611_173109_000000472069_00227_32846_7329.N1	11-JUN-2008 17:31:09	Bright	47.000	59	55Alp Oph	2.0800	8900.0	94	32846	No
214	GOM_NL__2PRFIN20080611_173254_000000372069_00227_32846_7330.N1	11-JUN-2008 17:32:54	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32846	No
215	GOM_NL__2PRFIN20080611_173602_000000392069_00227_32846_7331.N1	11-JUN-2008 17:36:02	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32846	No
216	GOM_NL__2PRFIN20080611_174302_000000402069_00227_32846_7332.N1	11-JUN-2008 17:43:02	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	32846	No
217	GOM_NL__2PRFIN20080611_175340_000000472069_00227_32846_7333.N1	11-JUN-2008 17:53:40	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32846	No
218	GOM_NL__2PRFIN20080611_175958_000000502069_00227_32846_7334.N1	11-JUN-2008 17:59:58	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	32846	No
219	GOM_NL__2PRFIN20080611_180558_000000382069_00227_32846_7335.N1	11-JUN-2008 18:05:58	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32846	No

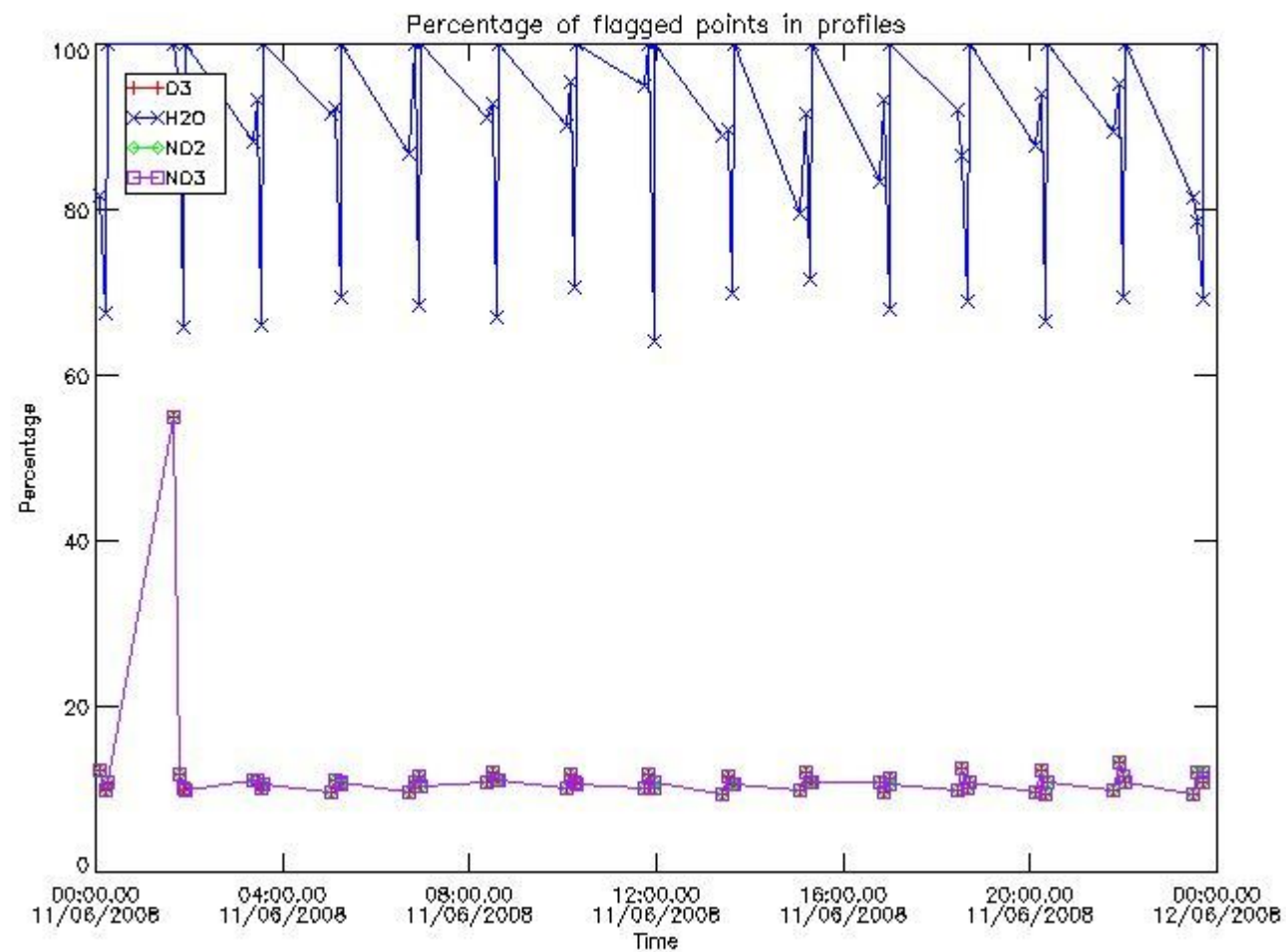
220	GOM_NL__2PRFIN20080611_180818_000000602069_00227_32846_7336.N1	11-JUN-2008 18:08:18	Twilight	60.000	53	43Bet And	2.0480	3300.0	120	32846	No
221	GOM_NL__2PRFIN20080611_181139_000000502069_00227_32846_7337.N1	11-JUN-2008 18:11:39	Twilight	49.500	50	13Alp Ari	2.0070	4250.0	99	32846	No
222	GOM_NL__2PRFIN20080611_182641_000000572069_00227_32846_7338.N1	11-JUN-2008 18:26:41	Dark	57.000	52	16Bet Cet	2.0370	4500.0	114	32846	No
223	GOM_NL__2PRFIN20080611_183306_000000412069_00227_32846_7339.N1	11-JUN-2008 18:33:06	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32846	No
224	GOM_NL__2PRFIN20080611_183907_000000512069_00228_32847_7327.N1	11-JUN-2008 18:39:07	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	32847	No
225	GOM_NL__2PRFIN20080611_184109_000000472069_00228_32847_7328.N1	11-JUN-2008 18:41:09	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32847	No
226	GOM_NL__2PRFIN20080611_184245_000000552069_00228_32847_7329.N1	11-JUN-2008 18:42:45	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	32847	No
227	GOM_NL__2PRFIN20080611_184519_000000422069_00228_32847_7330.N1	11-JUN-2008 18:45:19	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	32847	No
228	GOM_NL__2PRFIN20080611_185529_000000442069_00228_32847_7331.N1	11-JUN-2008 18:55:29	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	32847	No
229	GOM_NL__2PRFIN20080611_185710_000000702069_00228_32847_7332.N1	11-JUN-2008 18:57:10	Bright	69.500	57	34Sig Sgr	2.0660	26000.	139	32847	No
230	GOM_NL__2PRFIN20080611_190214_000000412069_00228_32847_7333.N1	11-JUN-2008 19:02:14	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32847	No
231	GOM_NL__2PRFIN20080611_190359_000000382069_00228_32847_7334.N1	11-JUN-2008 19:03:59	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32847	No
232	GOM_NL__2PRFIN20080611_190909_000000462069_00228_32847_7335.N1	11-JUN-2008 19:09:09	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	32847	No
233	GOM_NL__2PRFIN20080611_191144_000000482069_00228_32847_7336.N1	11-JUN-2008 19:11:44	Bright	47.500	59	55Alp Oph	2.0800	8900.0	95	32847	No
234	GOM_NL__2PRFIN20080611_191330_000000372069_00228_32847_7337.N1	11-JUN-2008 19:13:30	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	32847	No
235	GOM_NL__2PRFIN20080611_191637_000000382069_00228_32847_7338.N1	11-JUN-2008 19:16:37	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	32847	No
236	GOM_NL__2PRFIN20080611_192337_000000432069_00228_32847_7339.N1	11-JUN-2008 19:23:37	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	32847	No
237	GOM_NL__2PRFIN20080611_193416_000000462069_00228_32847_7340.N1	11-JUN-2008 19:34:16	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	32847	No
238	GOM_NL__2PRFIN20080611_194034_000000382069_00228_32847_7341.N1	11-JUN-2008 19:40:34	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32847	No
239	GOM_NL__2PRFIN20080611_194634_000000382069_00228_32847_7342.N1	11-JUN-2008 19:46:34	Bright	38.000	73	57Gam1And	2.2600	13100.	76	32847	No
240	GOM_NL__2PRFIN20080611_194854_000000562069_00228_32847_7343.N1	11-JUN-2008 19:48:54	Twilight	56.000	53	43Bet And	2.0480	3300.0	112	32847	No
241	GOM_NL__2PRFIN20080611_195216_000000472069_00228_32847_7344.N1	11-JUN-2008 19:52:16	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32847	No
242	GOM_NL__2PRFIN20080611_200718_000000542069_00228_32847_7345.N1	11-JUN-2008 20:07:18	Dark	53.500	52	16Bet Cet	2.0370	4500.0	107	32847	No
243	GOM_NL__2PRFIN20080611_201342_000000422069_00228_32847_7346.N1	11-JUN-2008 20:13:42	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	32847	No
244	GOM_NL__2PRFIN20080611_201944_000000542069_00229_32848_7348.N1	11-JUN-2008 20:19:44	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	32848	No
245	GOM_NL__2PRFIN20080611_202146_000000472069_00229_32848_7349.N1	11-JUN-2008 20:21:46	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32848	No
246	GOM_NL__2PRFIN20080611_202322_000000572069_00229_32848_7350.N1	11-JUN-2008 20:23:22	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	32848	No
247	GOM_NL__2PRFIN20080611_202556_000000422069_00229_32848_7351.N1	11-JUN-2008 20:25:56	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	32848	No
248	GOM_NL__2PRFIN20080611_203605_000000452069_00229_32848_7352.N1	11-JUN-2008 20:36:05	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	32848	No
249	GOM_NL__2PRFIN20080611_203746_000000582069_00229_32848_7353.N1	11-JUN-2008 20:37:46	Bright	57.500	57	34Sig Sgr	2.0660	26000.	115	32848	No
250	GOM_NL__2PRFIN20080611_204250_000000402069_00229_32848_7354.N1	11-JUN-2008 20:42:50	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	32848	No
251	GOM_NL__2PRFIN20080611_204435_000000382069_00229_32848_7355.N1	11-JUN-2008 20:44:35	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	32848	No
252	GOM_NL__2PRFIN20080611_204944_000000452069_00229_32848_7356.N1	11-JUN-2008 20:49:44	Bright	44.500	126	60Bet Oph	2.7700	4250.0	89	32848	No
253	GOM_NL__2PRFIN20080611_205220_000000462069_00229_32848_7357.N1	11-JUN-2008 20:52:20	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	32848	No
254	GOM_NL__2PRFIN20080611_205406_000000392069_00229_32848_7358.N1	11-JUN-2008 20:54:06	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	32848	No
255	GOM_NL__2PRFIN20080611_205713_000000392069_00229_32848_7359.N1	11-JUN-2008 20:57:13	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	32848	No
256	GOM_NL__2PRFIN20080611_210413_000000422069_00229_32848_7360.N1	11-JUN-2008 21:04:13	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32848	No
257	GOM_NL__2PRFIN20080611_211451_000000432069_00229_32848_7361.N1	11-JUN-2008 21:14:51	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	32848	No
258	GOM_NL__2PRFIN20080611_212110_000000582069_00229_32848_7362.N1	11-JUN-2008 21:21:10	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	32848	No
259	GOM_NL__2PRFIN20080611_212710_000000552069_00229_32848_7363.N1	11-JUN-2008 21:27:10	Bright	55.000	73	57Gam1And	2.2600	13100.	110	32848	No
260	GOM_NL__2PRFIN20080611_212930_000000582069_00229_32848_7364.N1	11-JUN-2008 21:29:30	Twilight	57.500	53	43Bet And	2.0480	3300.0	115	32848	No
261	GOM_NL__2PRFIN20080611_213252_000000472069_00229_32848_7365.N1	11-JUN-2008 21:32:52	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	32848	No
262	GOM_NL__2PRFIN20080611_214755_000000522069_00229_32848_7366.N1	11-JUN-2008 21:47:55	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	32848	No
263	GOM_NL__2PRFIN20080611_215419_000000422069_00229_32848_7367.N1	11-JUN-2008 21:54:19	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	32848	No
264	GOM_NL__2PRFIN20080611_220021_000000482069_00230_32849_7362.N1	11-JUN-2008 22:00:21	Dark	48.000	63	Bet Gru	2.1500	2800.0	96	32849	No
265	GOM_NL__2PRFIN20080611_220223_000000472069_00230_32849_7363.N1	11-JUN-2008 22:02:23	Dark	47.000	31	Alp Gru	1.7340	15200.	94	32849	No
266	GOM_NL__2PRFIN20080611_220359_000000552069_00230_32849_7364.N1	11-JUN-2008 22:03:59	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	32849	No
267	GOM_NL__2PRFIN20080611_220632_000000412069_00230_32849_7365.N1	11-JUN-2008 22:06:32	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	32849	No
268	GOM_NL__2PRFIN20080611_221641_000000442069_00230_32849_7366.N1	11-JUN-2008 22:16:41	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	32849	No
269	GOM_NL__2PRFIN20080611_221822_000000692069_00230_32849_7367.N1	11-JUN-2008 22:18:22	Bright	69.000	57	34Sig Sgr	2.0660	26000.	138	32849	No
270	GOM_NL__2PRFIN20080611_222326_000000412069_00230_32849_7368.N1	11-JUN-2008 22:23:26	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	32849	No
271	GOM_NL__2PRFIN20080611_222511_000000382069_00230_32849_7369.N1	11-JUN-2008 22:25:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	32849	No
272	GOM_NL__2PRFIN20080611_223020_000000462069_00230_32849_7370.N1	11-JUN-2008 22:30:20	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	32849	No
273	GOM_NL__2PRFIN20080611_223255_000000442069_00230_32849_7371.N1	11-JUN-2008 22:32:55	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	32849	No
274	GOM_NL__2PRFIN20080611_223441_000000382069_00230_32849_7372.N1	11-JUN-2008 22:34:41	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	32849	No
275	GOM_NL__2PRFIN20080611_223749_000000412069_00230_32849_7373.N1	11-JUN-2008 22:37:49	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	32849	No
276	GOM_NL__2PRFIN20080611_224448_000000422069_00230_32849_7374.N1	11-JUN-2008 22:44:48	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	32849	No
277	GOM_NL__2PRFIN20080611_225526_000000472069_00230_32849_7375.N1	11-JUN-2008 22:55:26	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	32849	No
278	GOM_NL__2PRFIN20080611_230145_000000392069_00230_32849_7376.N1	11-JUN-2008 23:01:45	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32849	No

279	GOM_NL__2PRFIN20080611_230746_000000392069_00230_32849_7377.N1	11-JUN-2008 23:07:46	Bright	39.000	73	57Gam1And	2.2600	13100.	78	32849	No
280	GOM_NL__2PRFIN20080611_231006_000000512069_00230_32849_7378.N1	11-JUN-2008 23:10:06	Twi_and_stray	50.500	53	43Bet And	2.0480	3300.0	101	32849	No
281	GOM_NL__2PRFIN20080611_231328_000000442069_00230_32849_7379.N1	11-JUN-2008 23:13:28	Twilight	43.500	50	13Alp Ari	2.0070	4250.0	87	32849	No
282	GOM_NL__2PRFIN20080611_232832_000000542069_00230_32849_7380.N1	11-JUN-2008 23:28:32	Dark	54.000	52	16Bet Cet	2.0370	4500.0	108	32849	No
283	GOM_NL__2PRFIN20080611_233455_000000432069_00230_32849_7381.N1	11-JUN-2008 23:34:55	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	32849	No
284	GOM_NL__2PRFIN20080611_234058_000000592069_00231_32850_7386.N1	11-JUN-2008 23:40:58	Dark	59.000	63	Bet Gru	2.1500	2800.0	118	32850	No
285	GOM_NL__2PRFIN20080611_234300_000000482069_00231_32850_7387.N1	11-JUN-2008 23:43:00	Dark	47.500	31	Alp Gru	1.7340	15200.	95	32850	No
286	GOM_NL__2PRFIN20080611_234437_000000562069_00231_32850_7388.N1	11-JUN-2008 23:44:37	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	32850	No
287	GOM_NL__2PRFIN20080611_234709_000000432069_00231_32850_7389.N1	11-JUN-2008 23:47:09	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	32850	No
288	GOM_NL__2PRFIN20080611_235717_000000432069_00231_32850_7390.N1	11-JUN-2008 23:57:17	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	32850	No
289	GOM_NL__2PRFIN20080611_235858_000000632069_00231_32850_7391.N1	11-JUN-2008 23:58:58	Bright	63.000	57	34Sig Sgr	2.0660	26000.	126	32850	No

### 3. Quality information per product

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

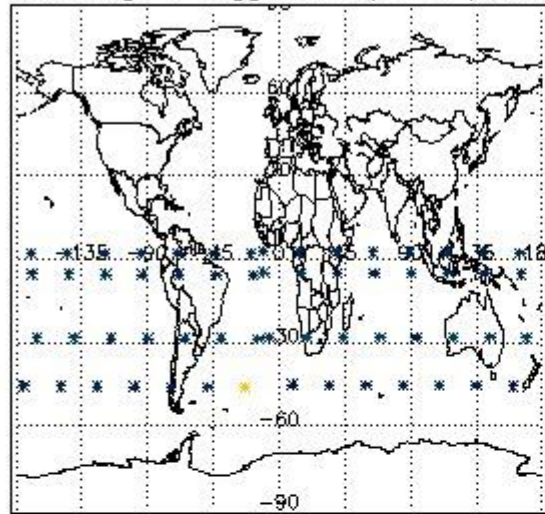
#### 3.1 Plot quality information per product (time dependant)



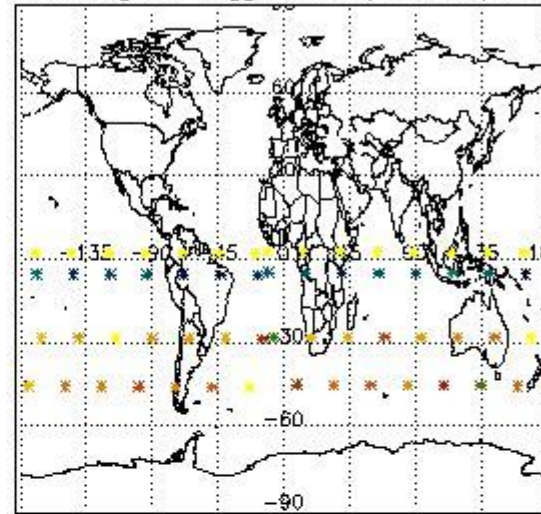
#### 3.2 Plot quality information per product (world map)



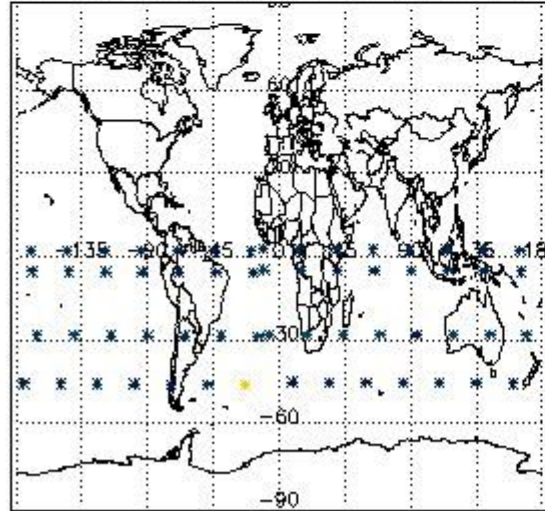
Percentage of flagged data per O3 profile



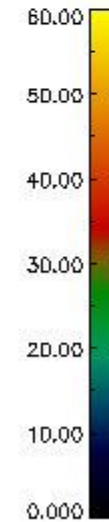
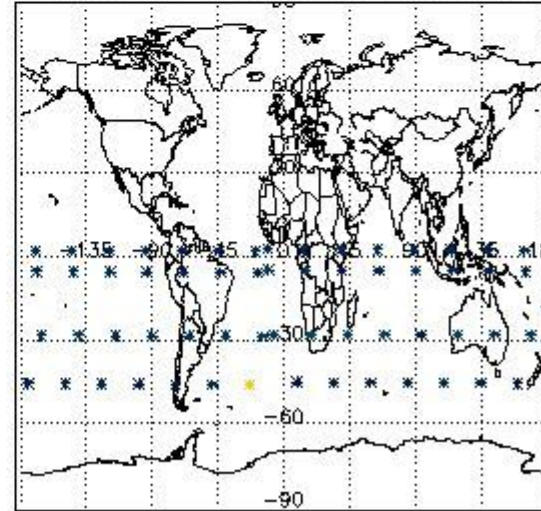
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

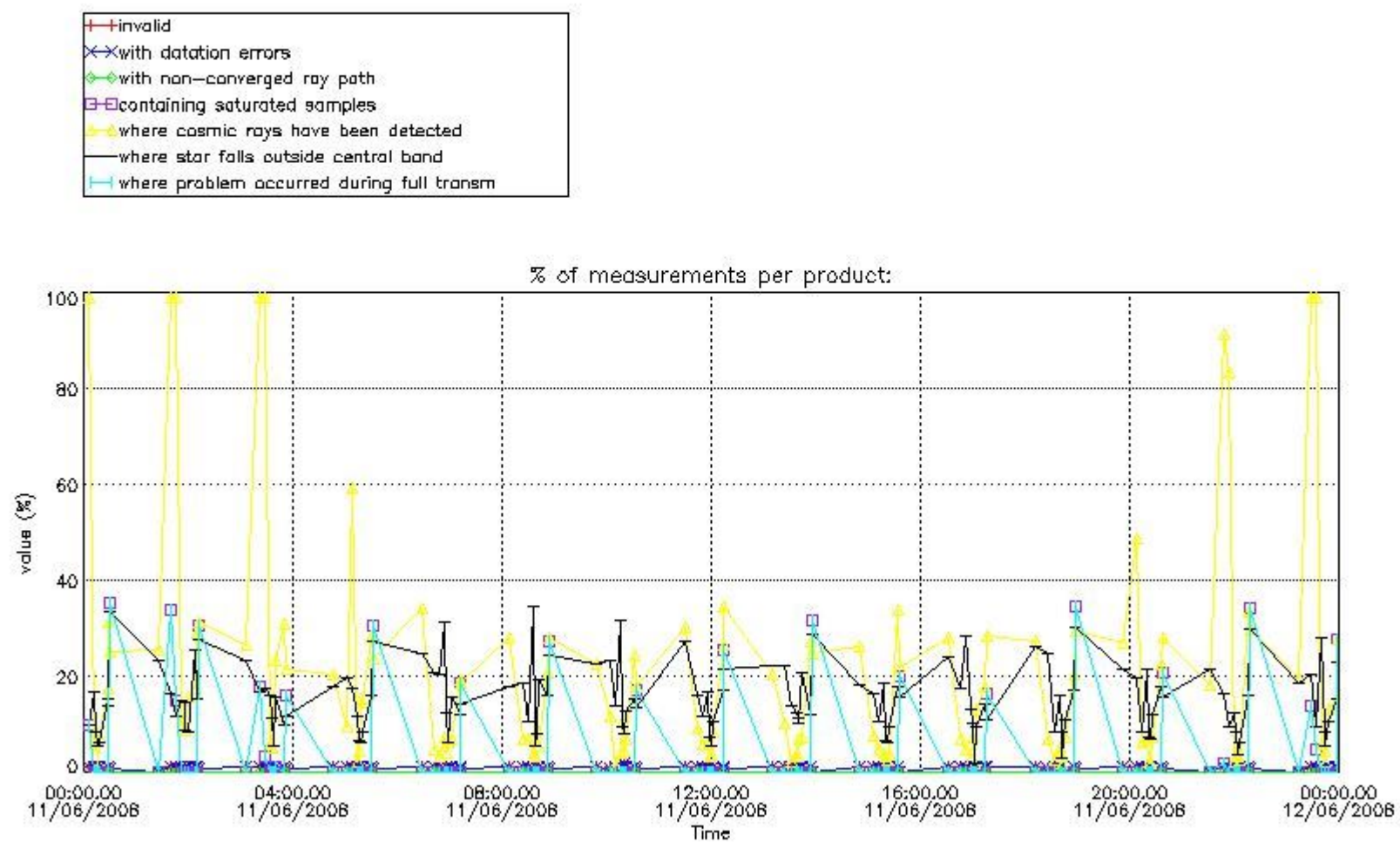


#### 4. Level 1 quality information per product

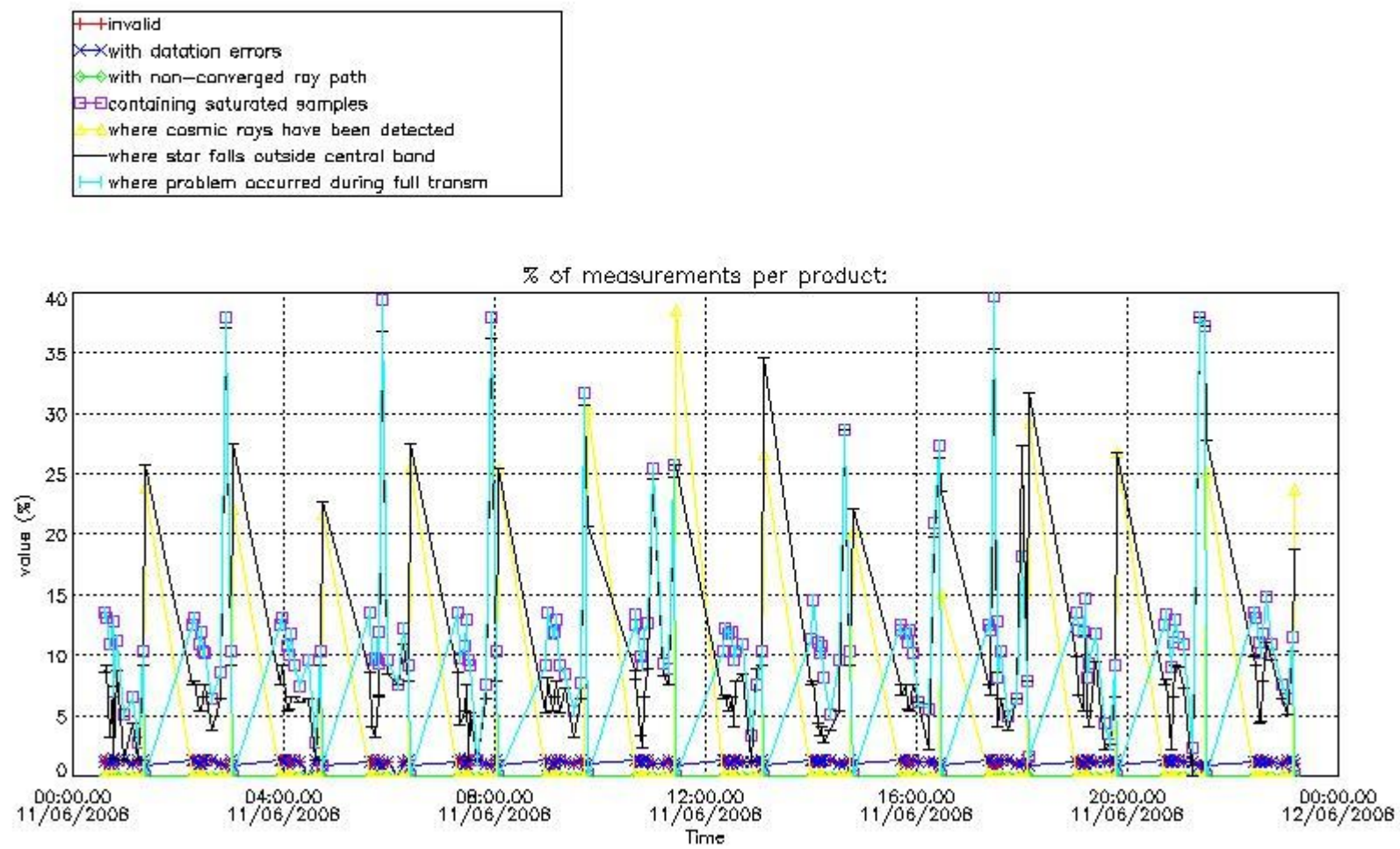
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

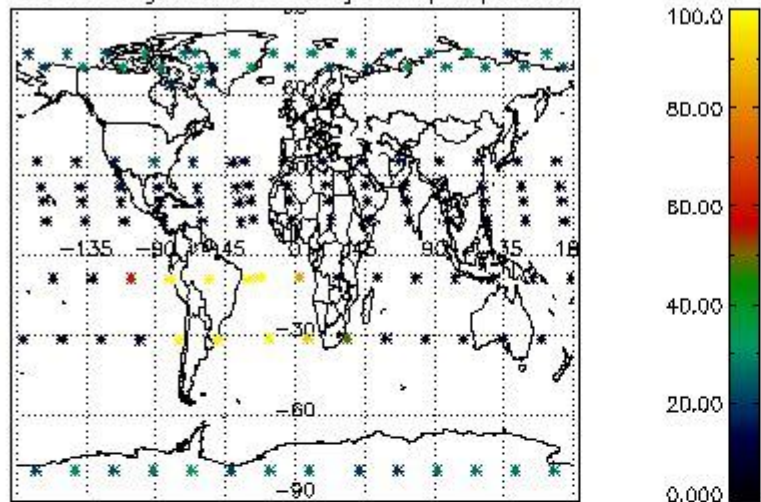


*4.2 Plot quality information per product coming from level 1b processing (world map)*

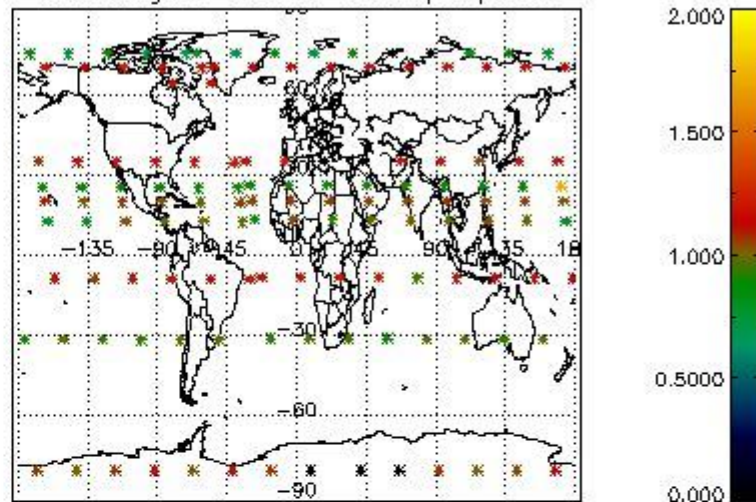
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*



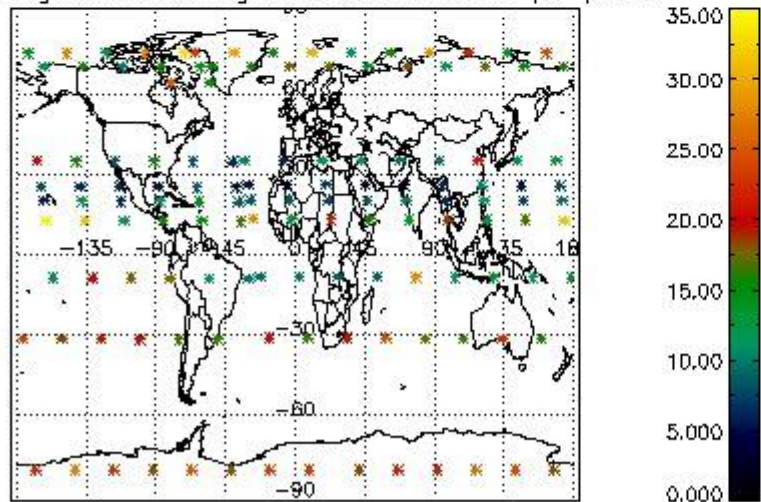
Percentage of cosmic ray hits per profile



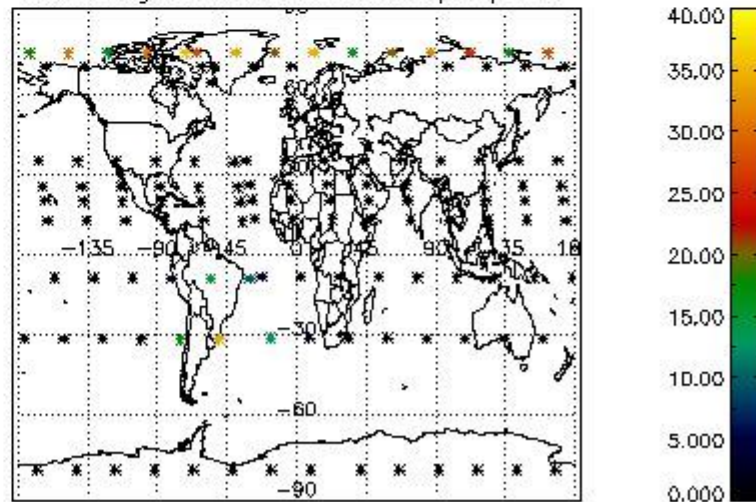
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

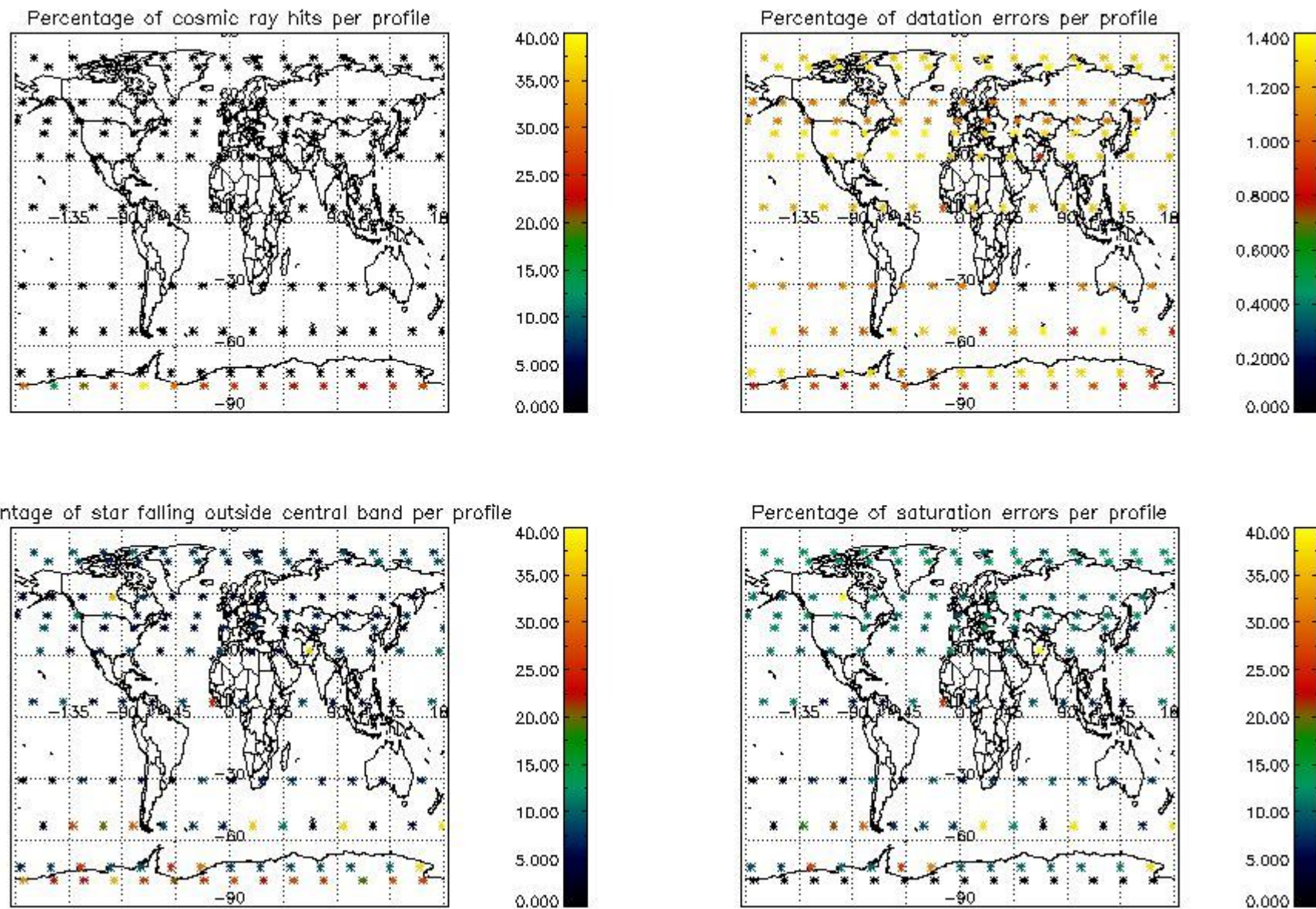


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

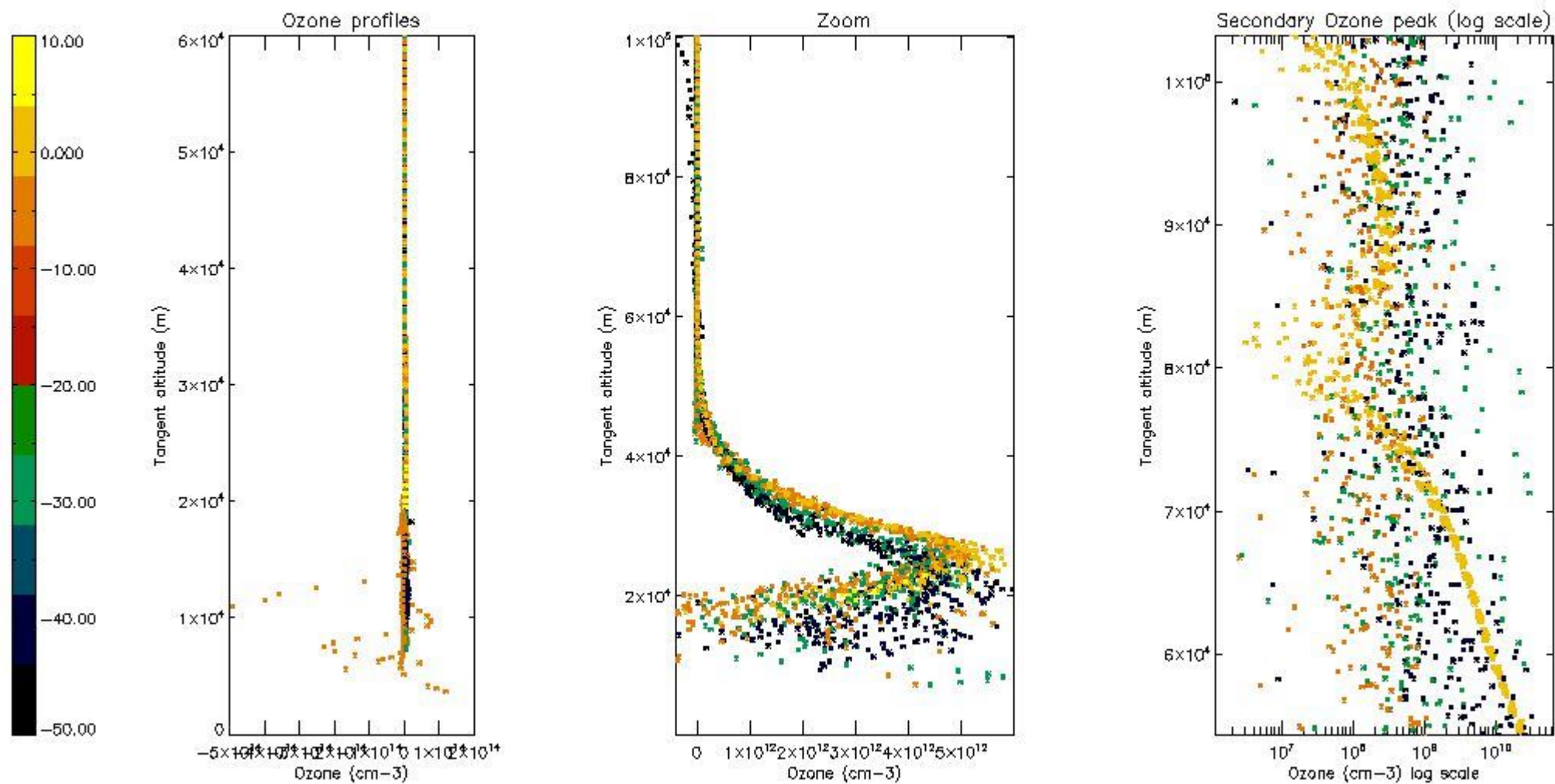
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	3

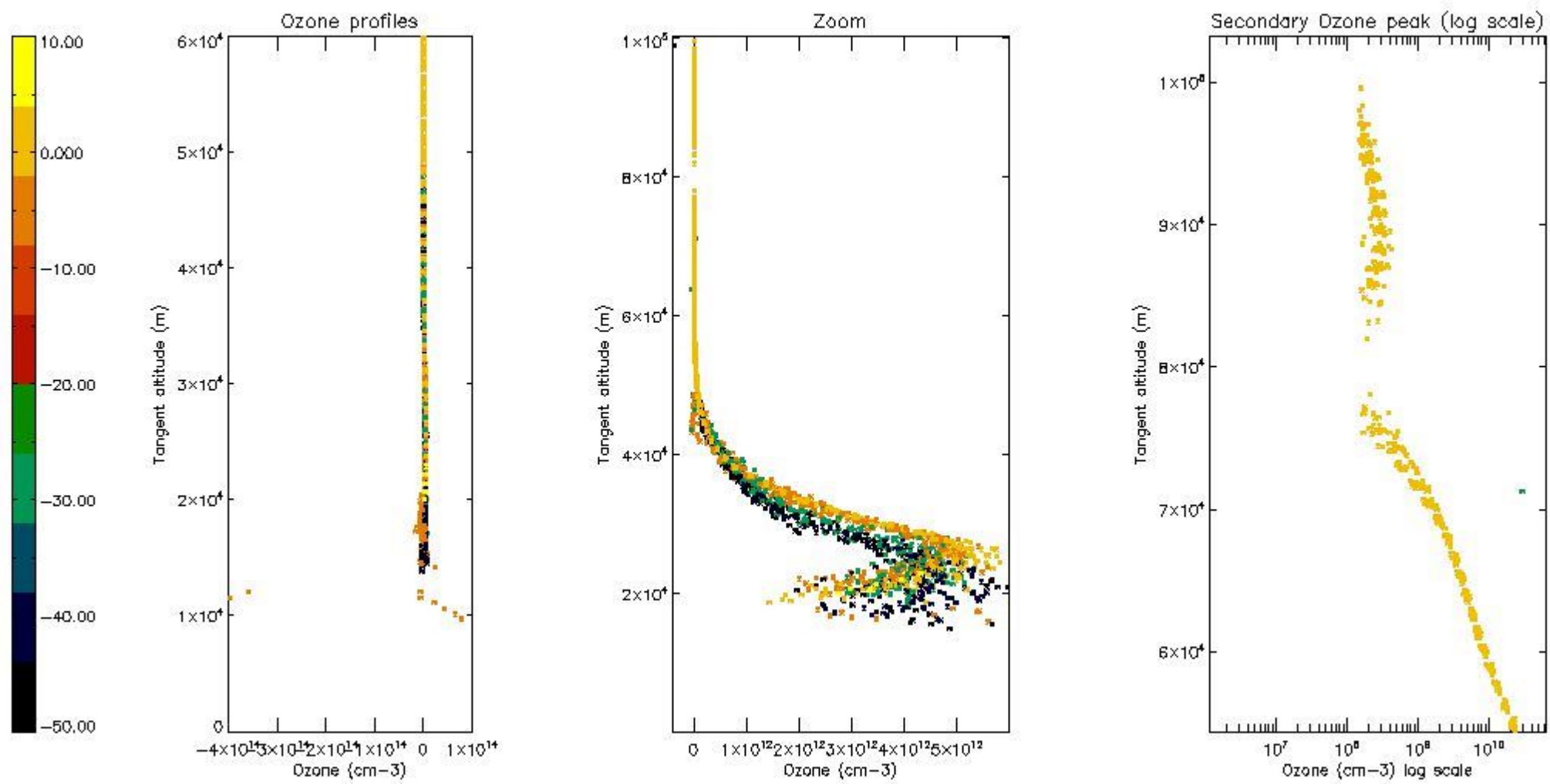
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

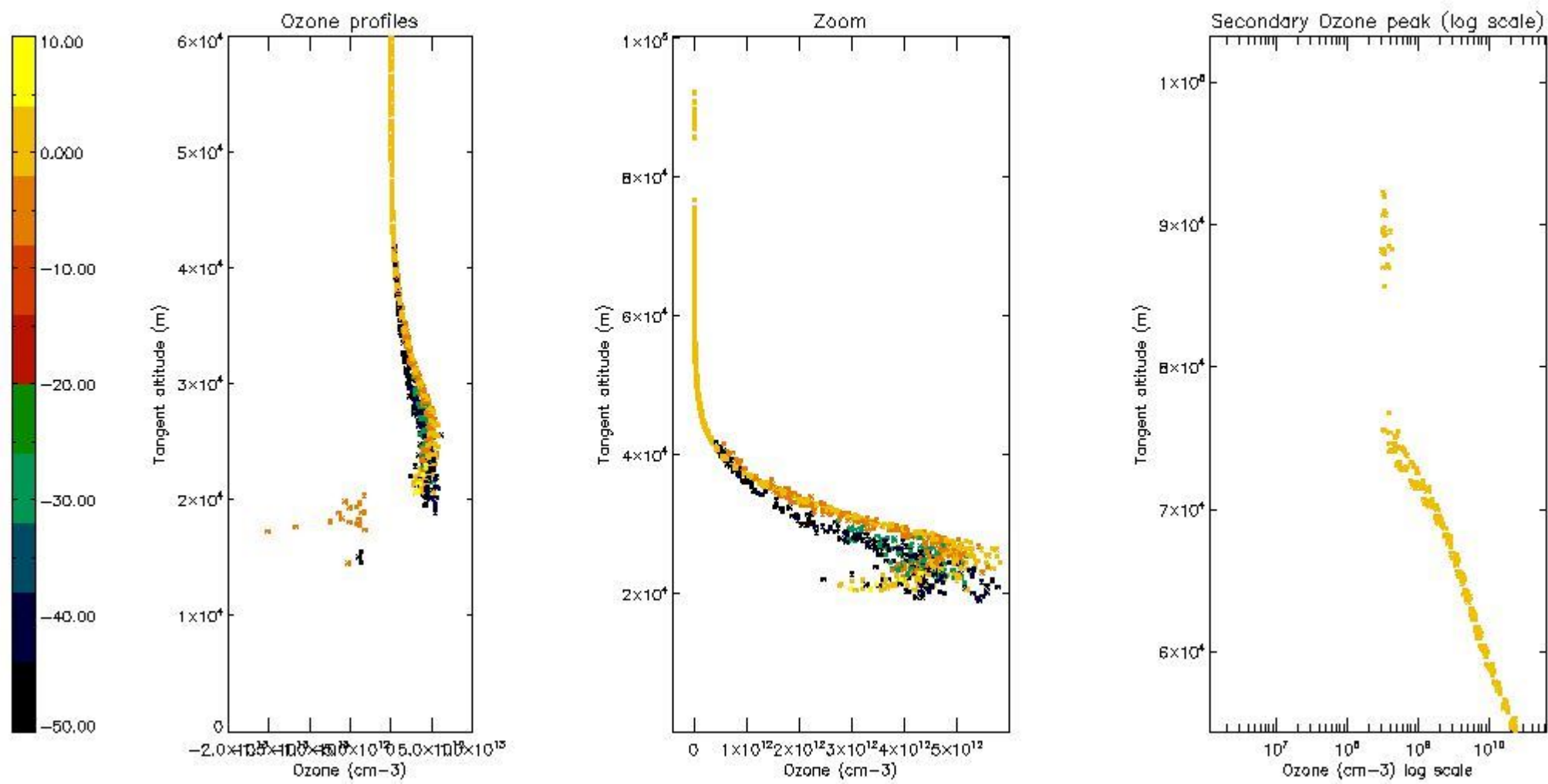
The colorbar represents the latitude.



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

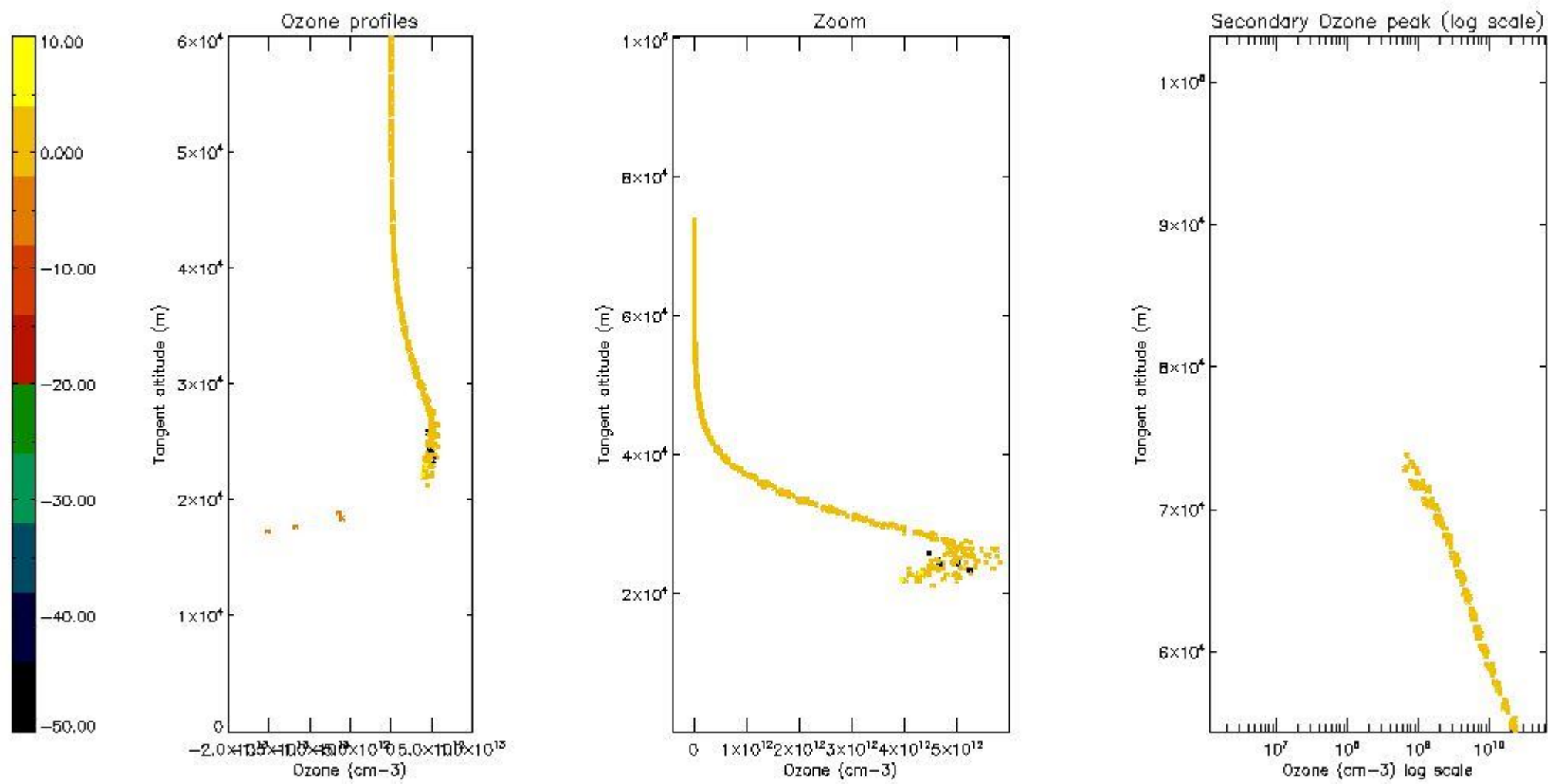
The colorbar represents the latitude.





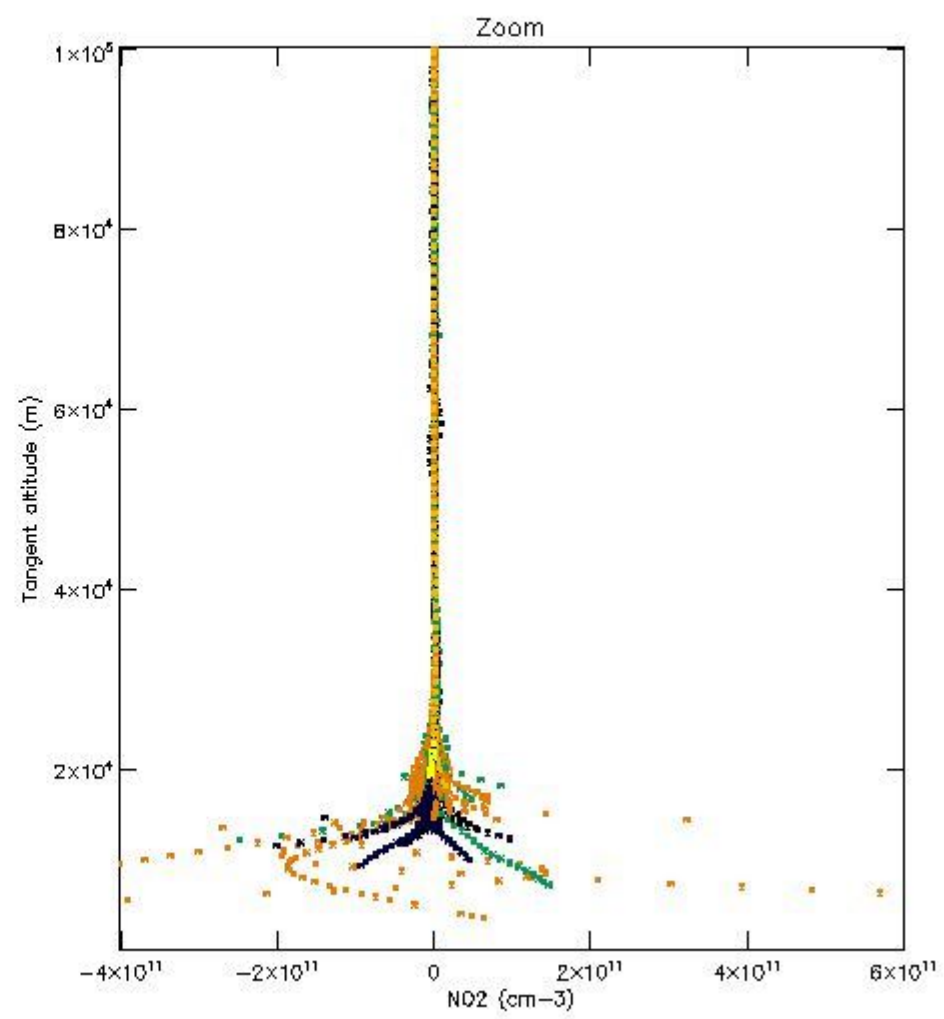
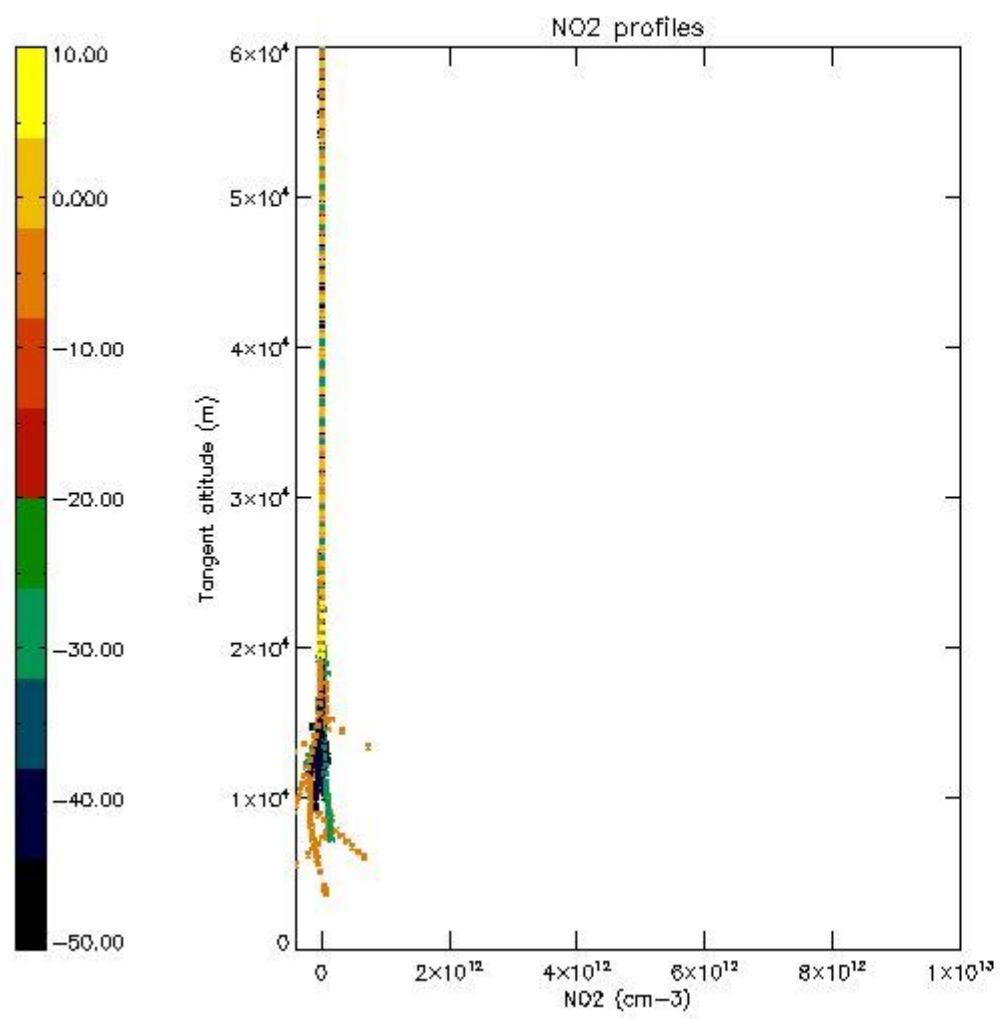
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

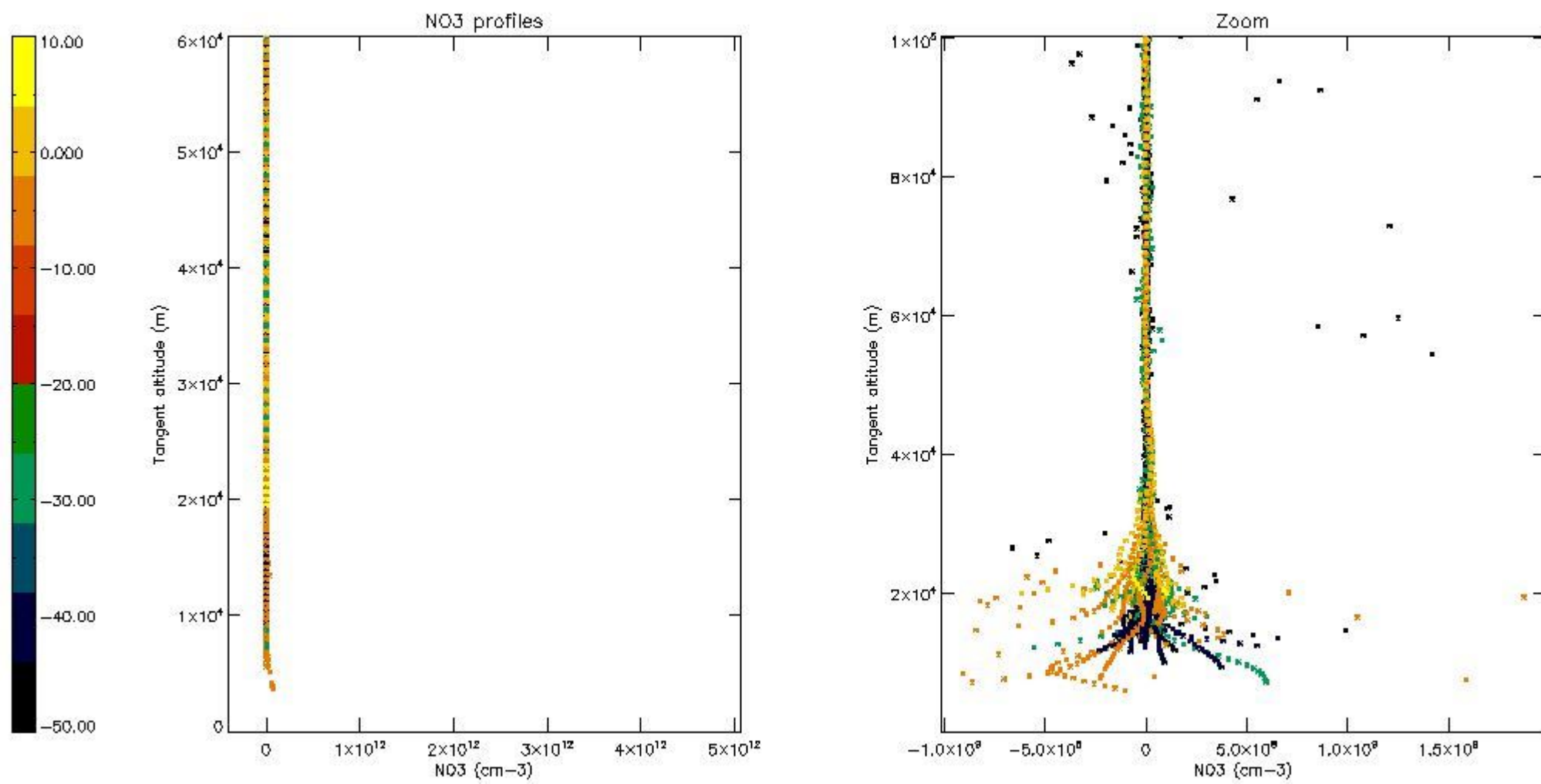
The colorbar represents the latitude.



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

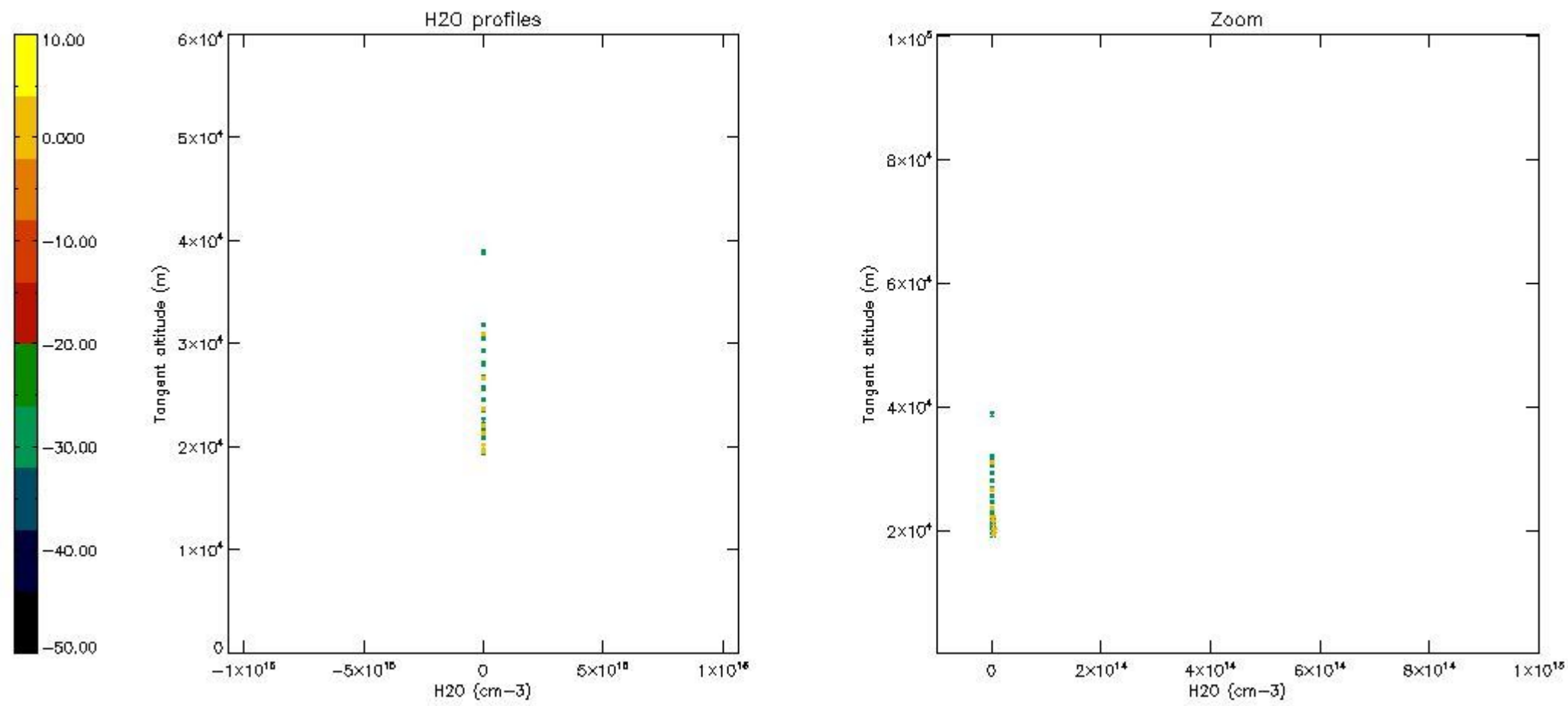
The colorbar represents the latitude.





5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

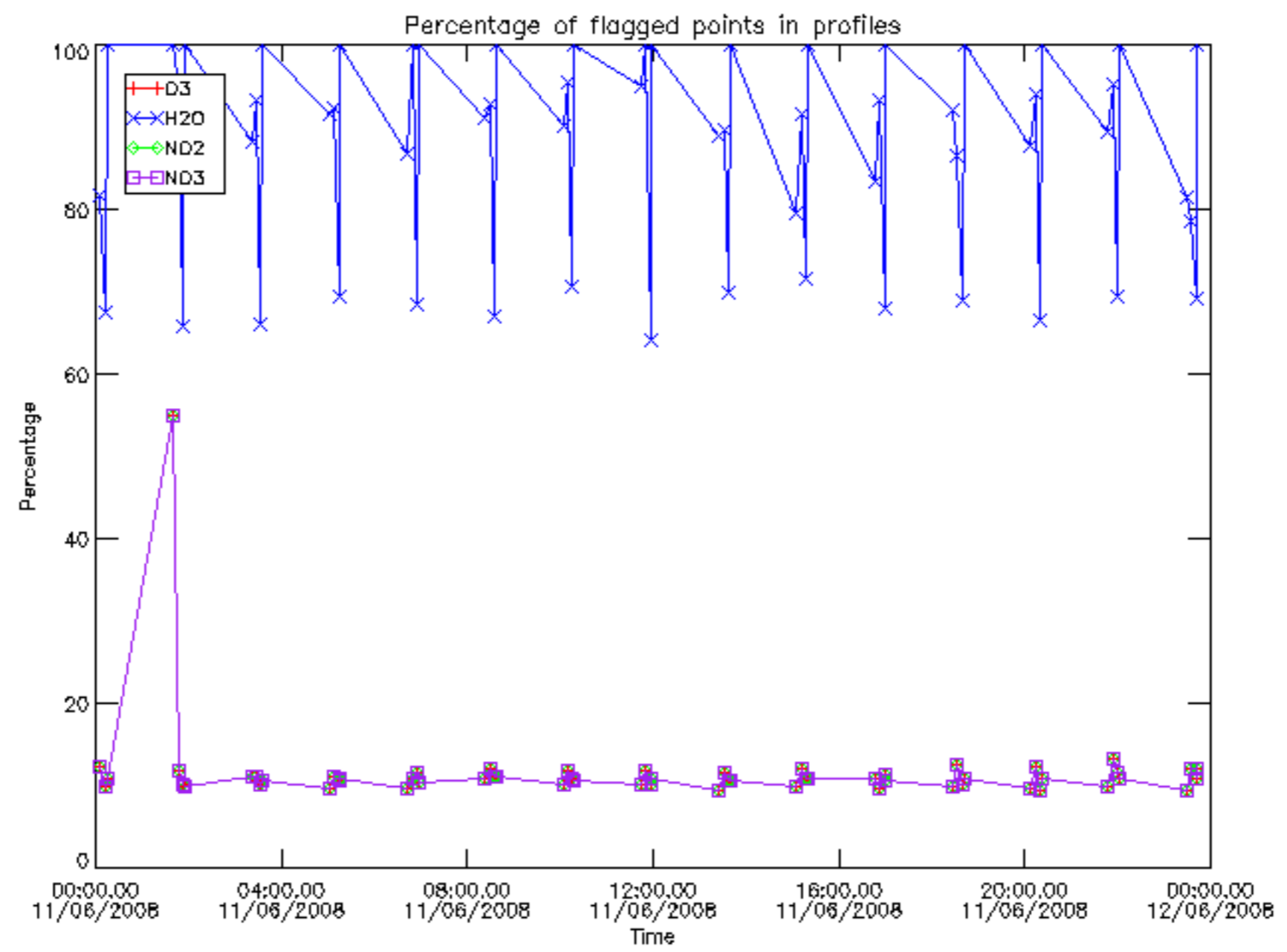
The colorbar represents the latitude.



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

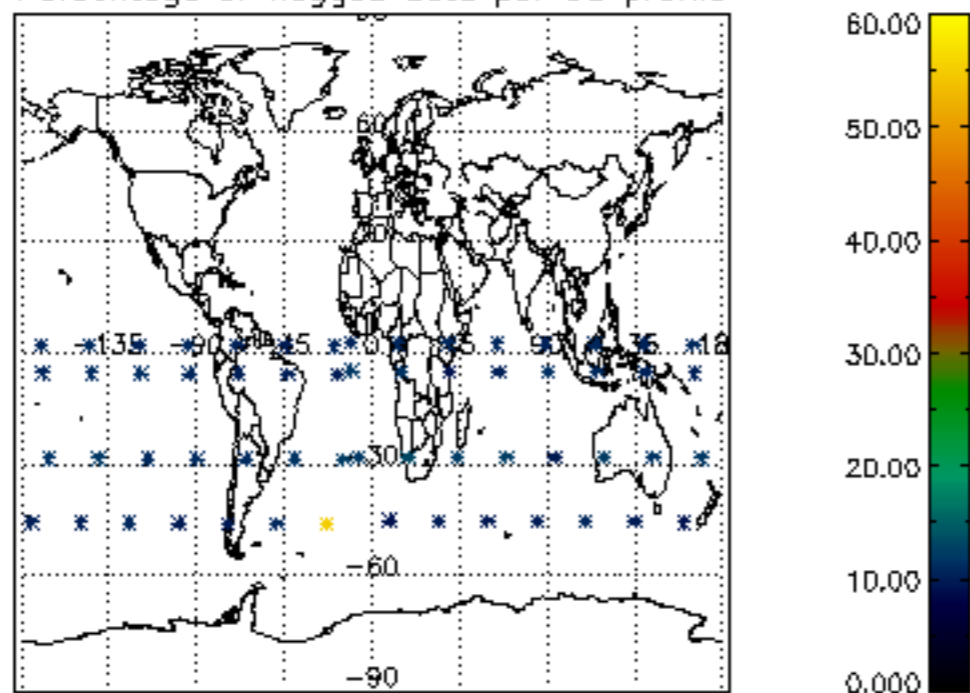
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUN-2008 00:06:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUN-2008 00:06:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUN-2008 00:06:22

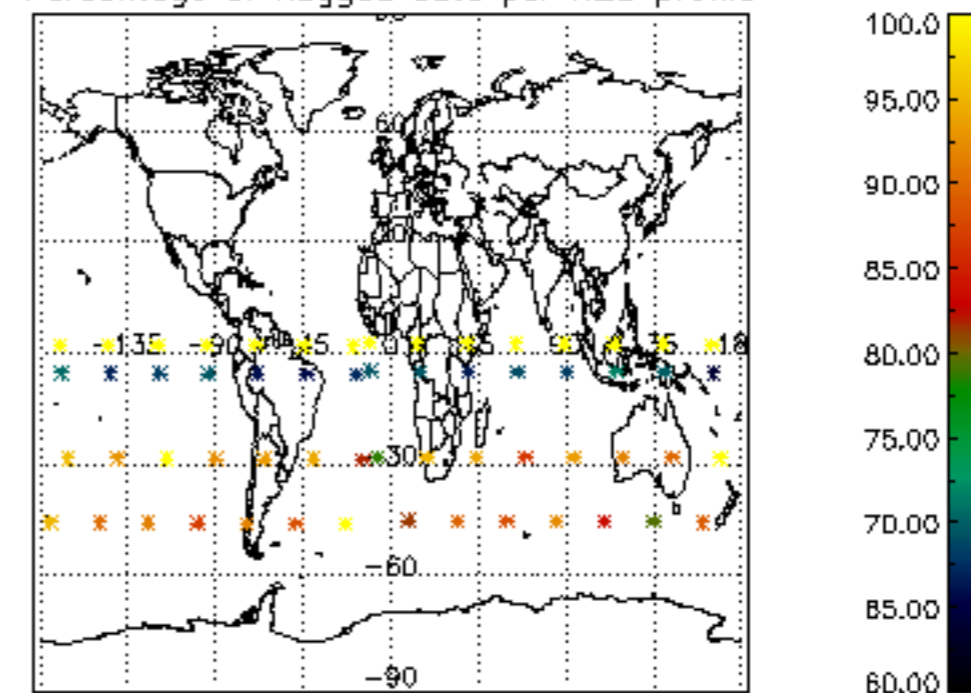




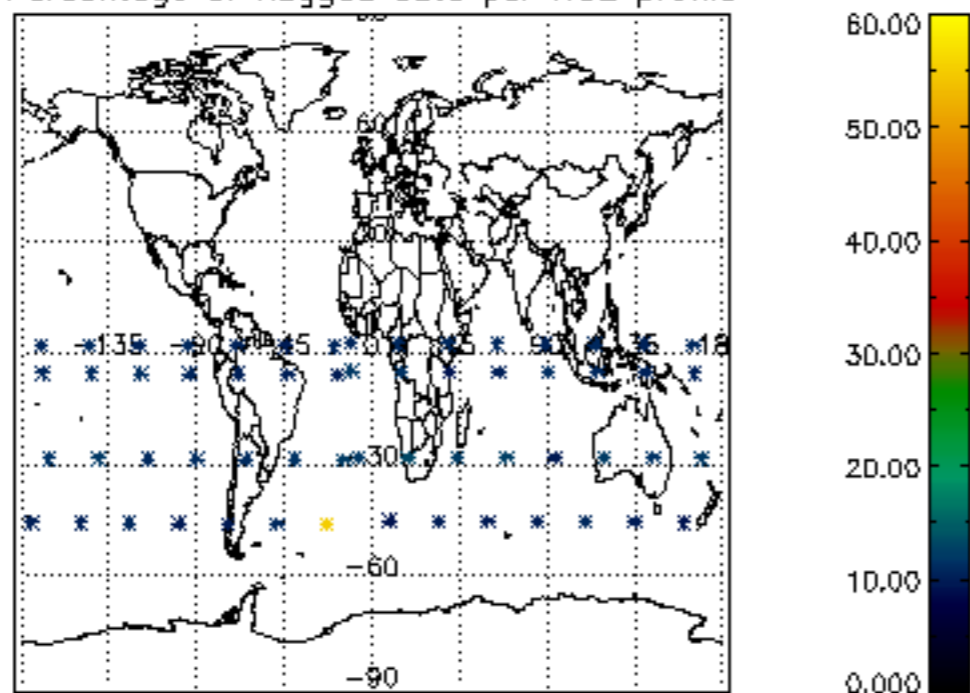
Percentage of flagged data per D3 profile



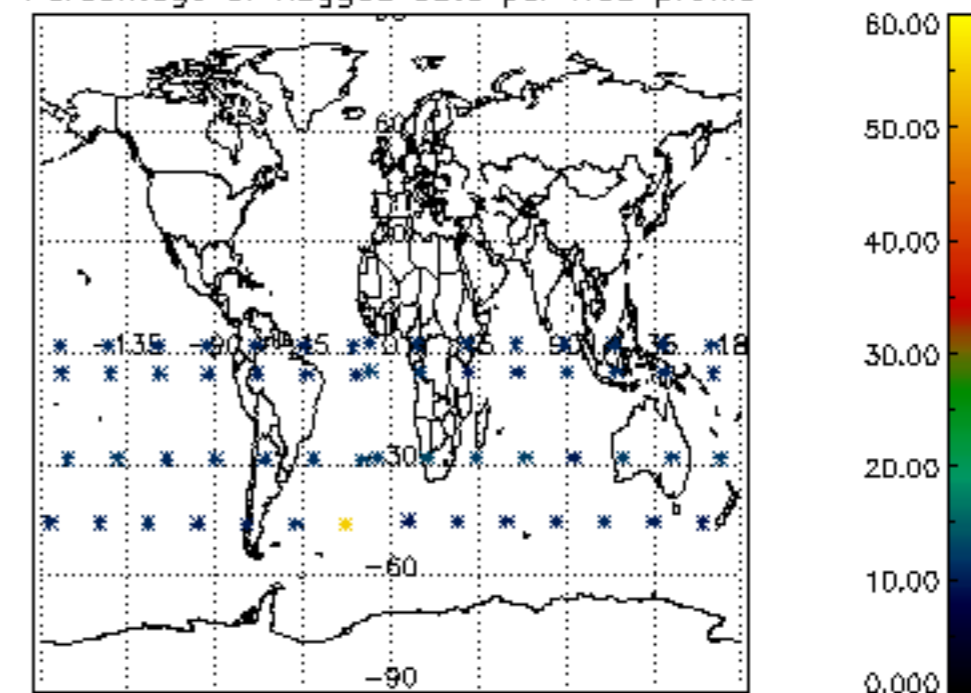
Percentage of flagged data per H2O profile

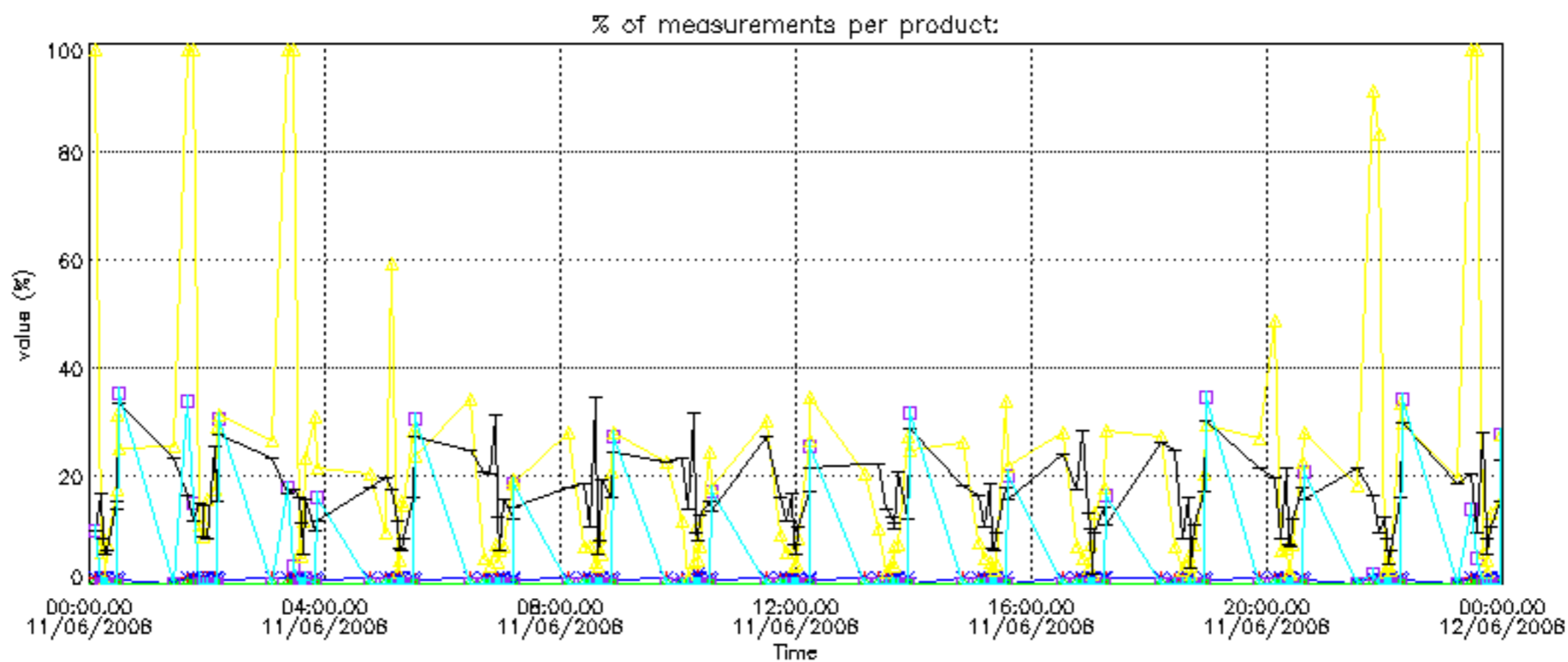


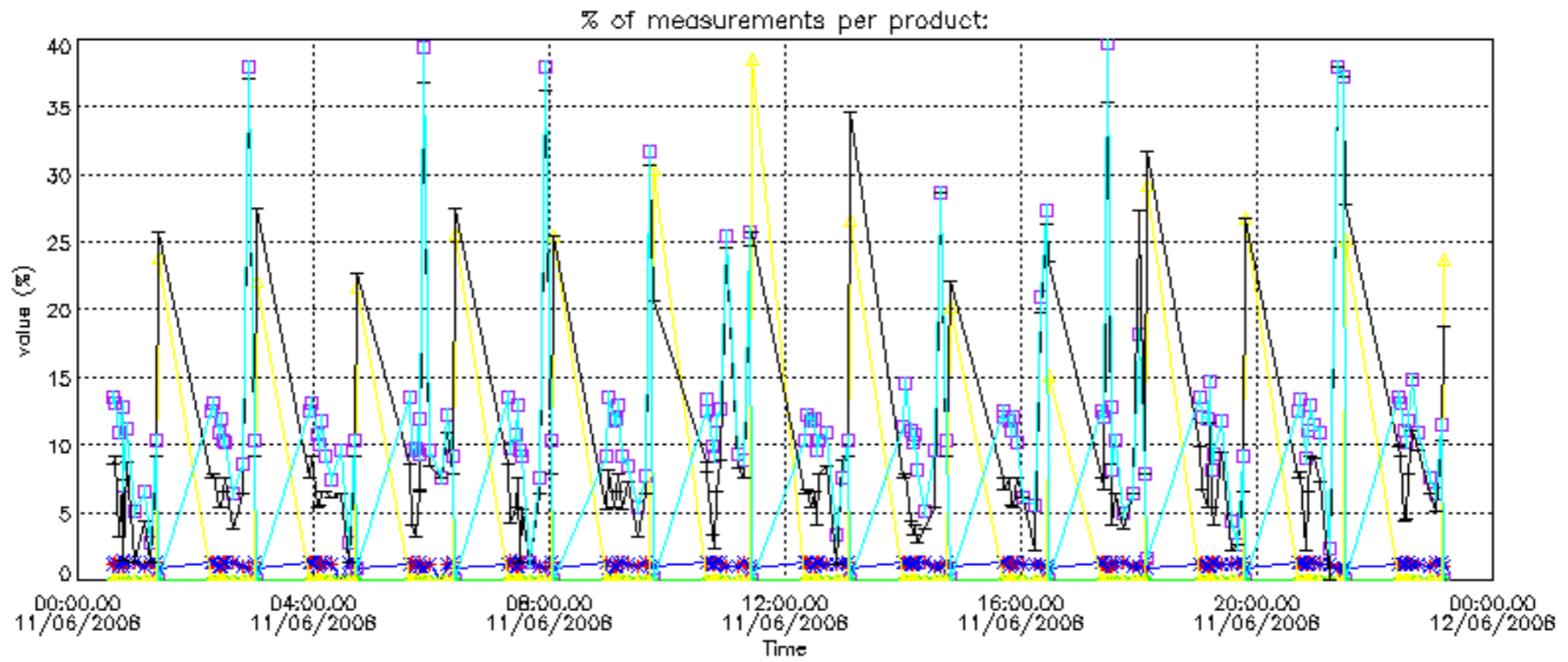
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

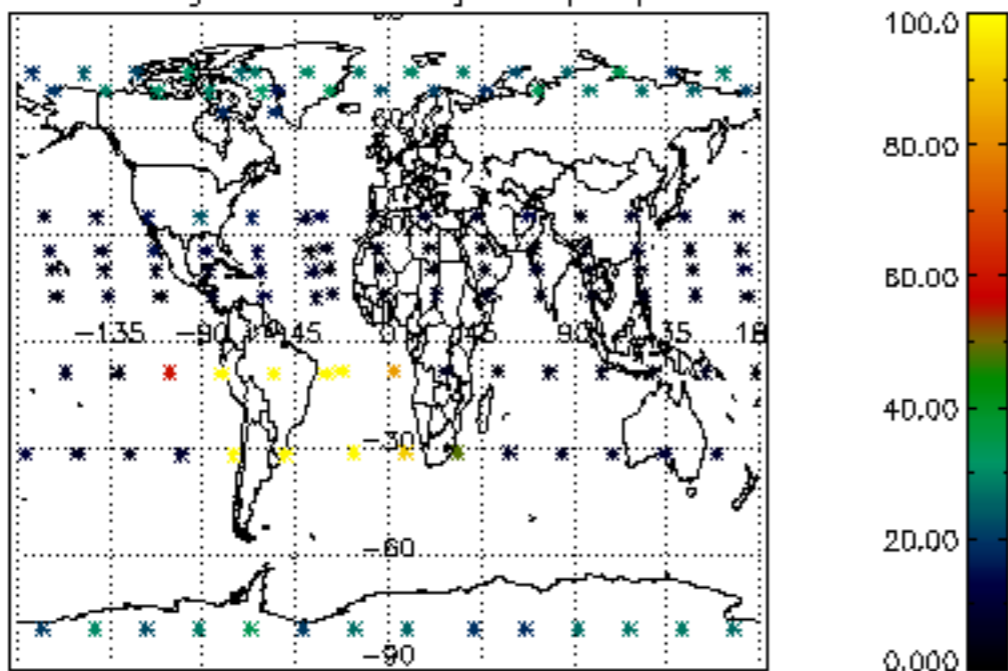




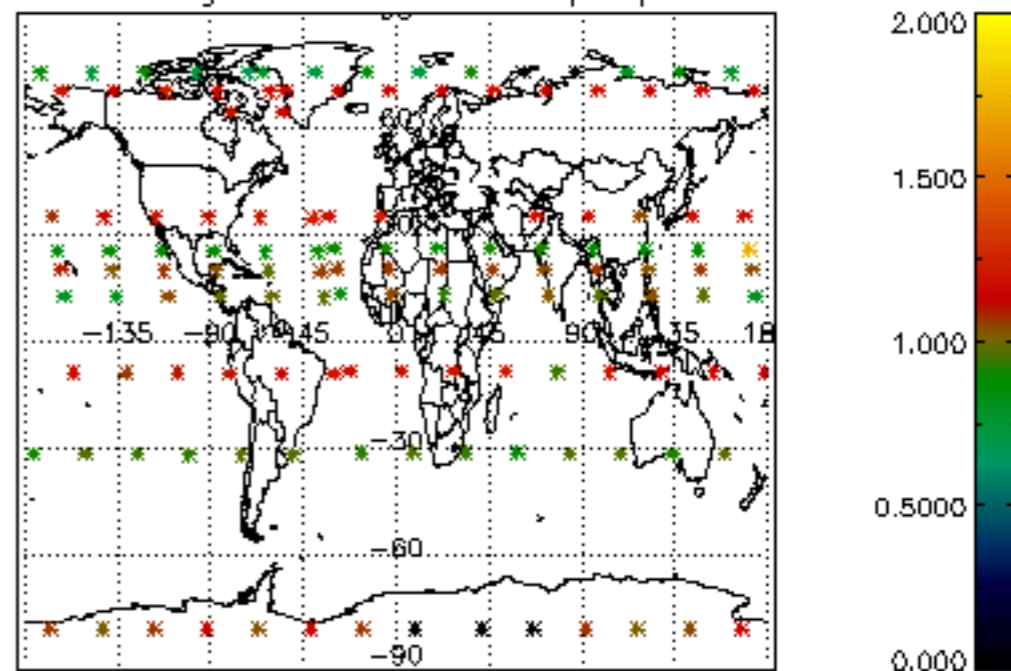




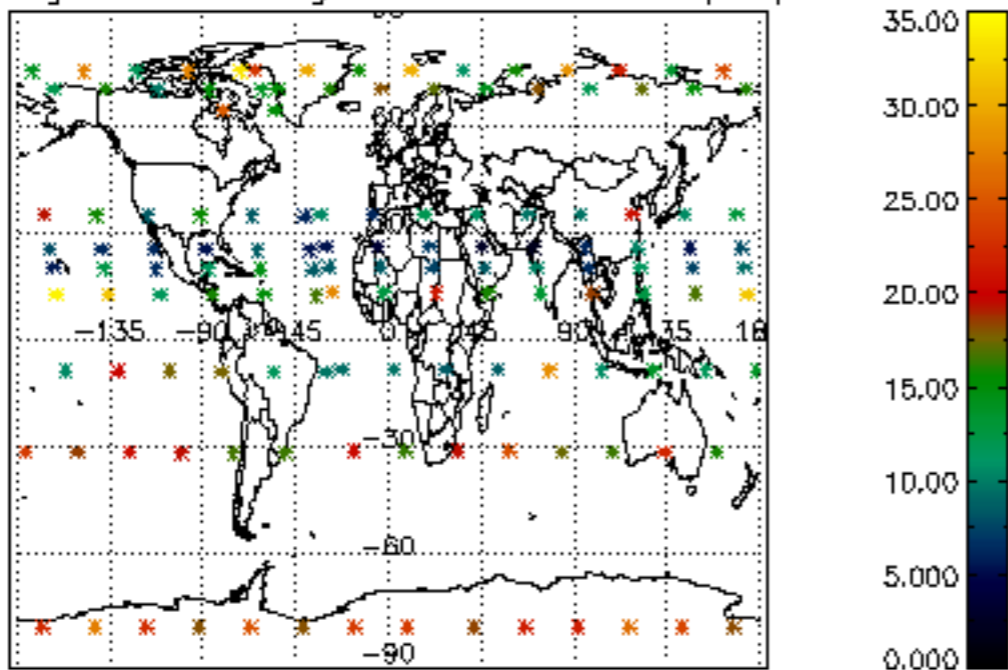
Percentage of cosmic ray hits per profile



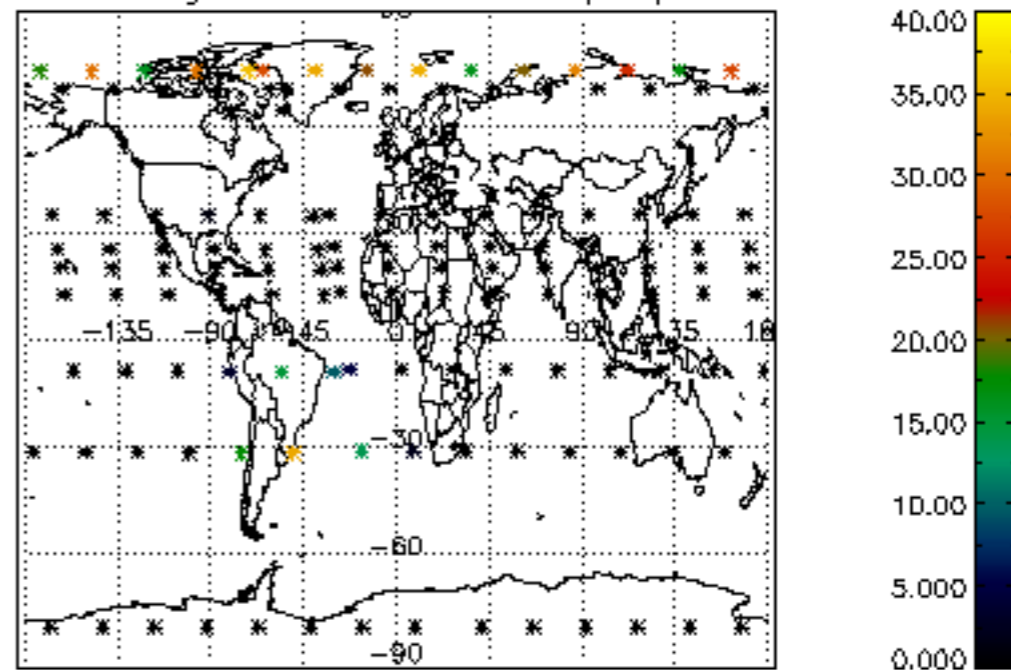
Percentage of datation errors per profile



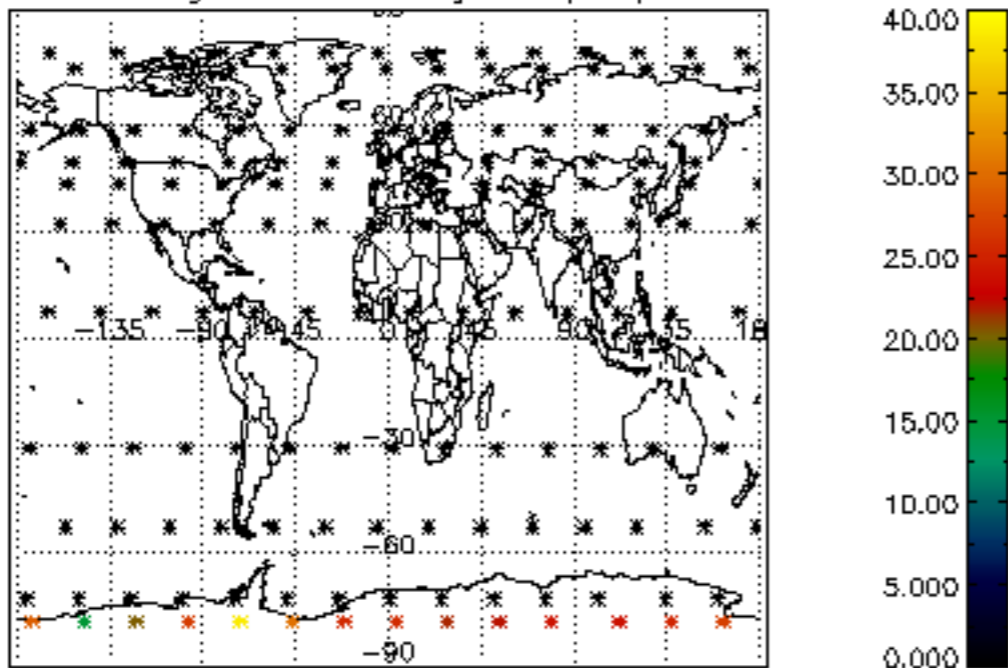
Percentage of star falling outside central band per profile



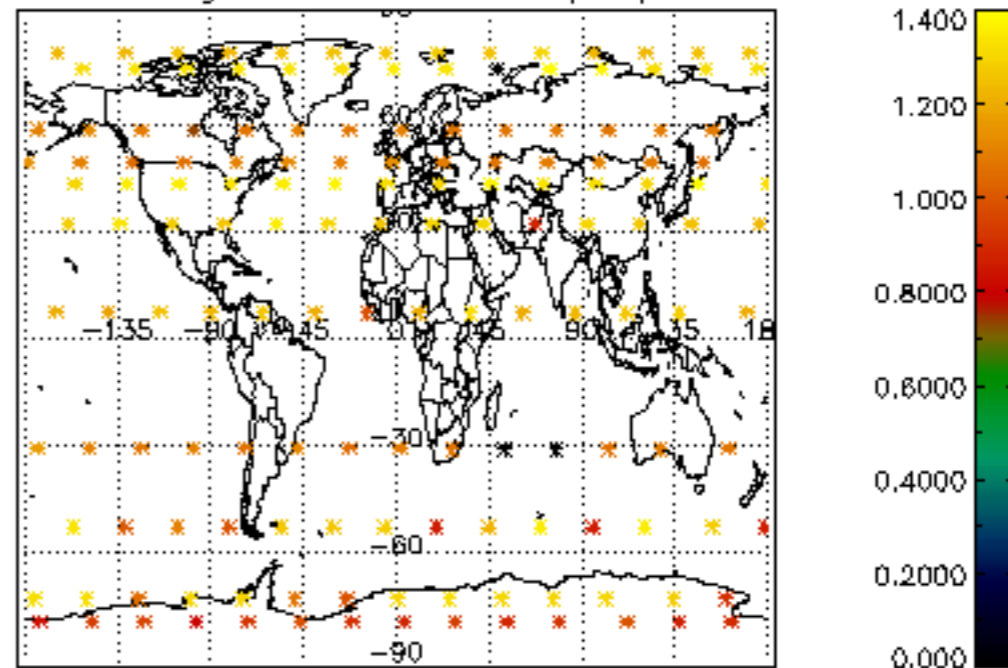
Percentage of saturation errors per profile



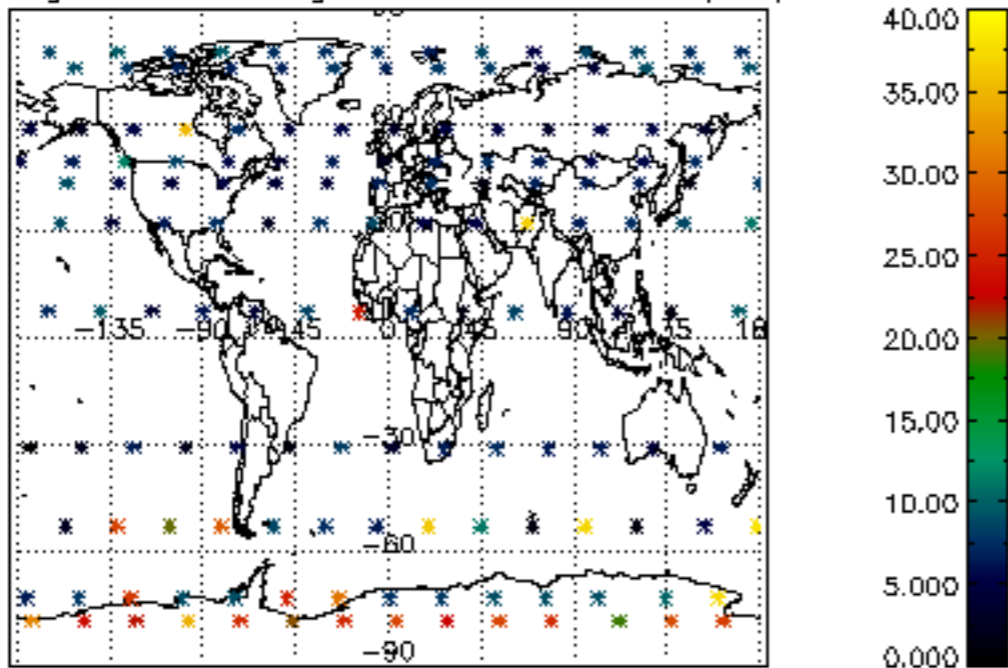
Percentage of cosmic ray hits per profile



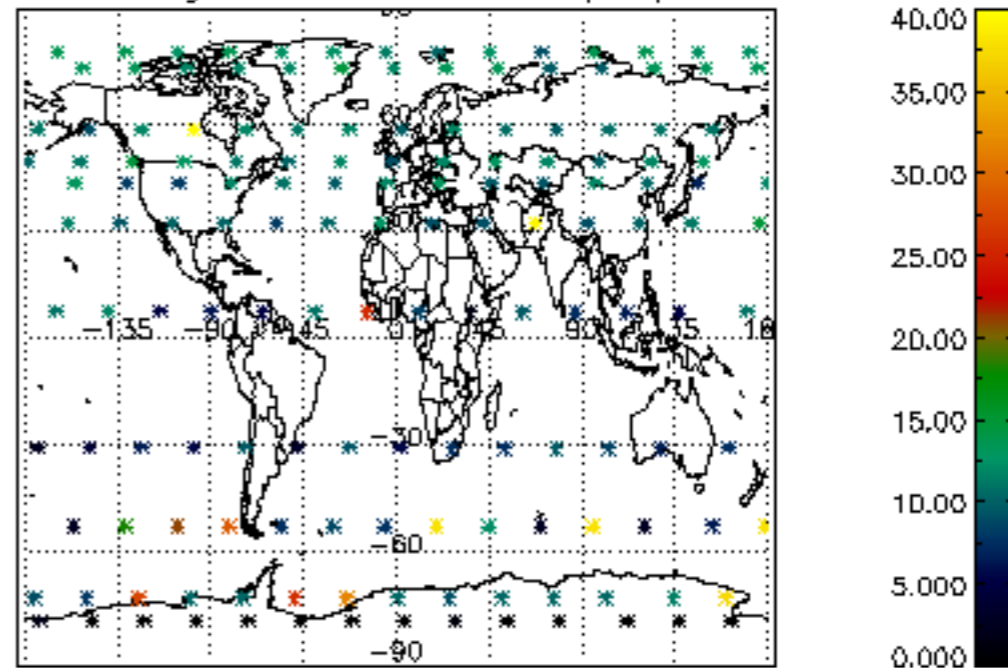
Percentage of datation errors per profile

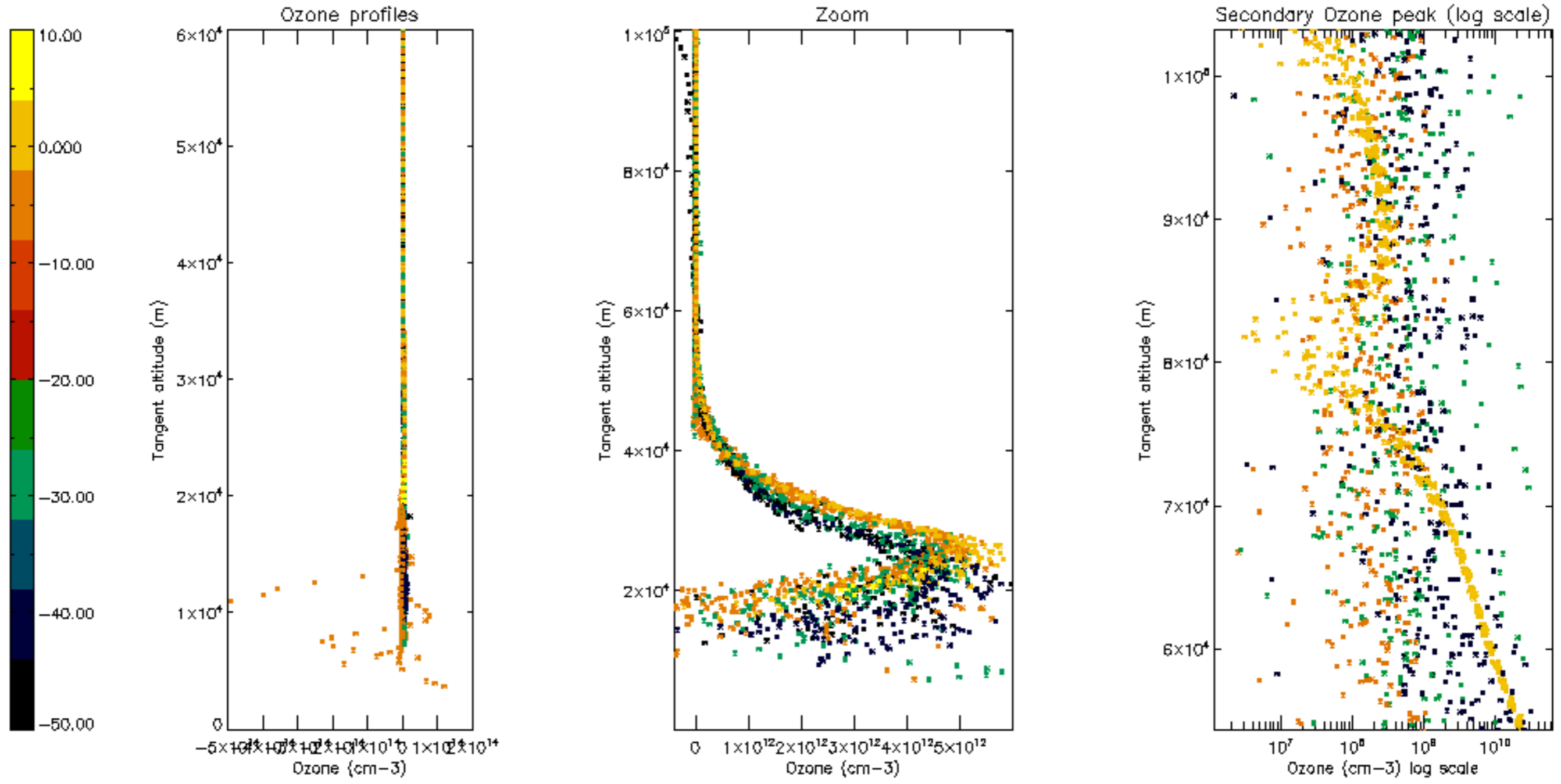


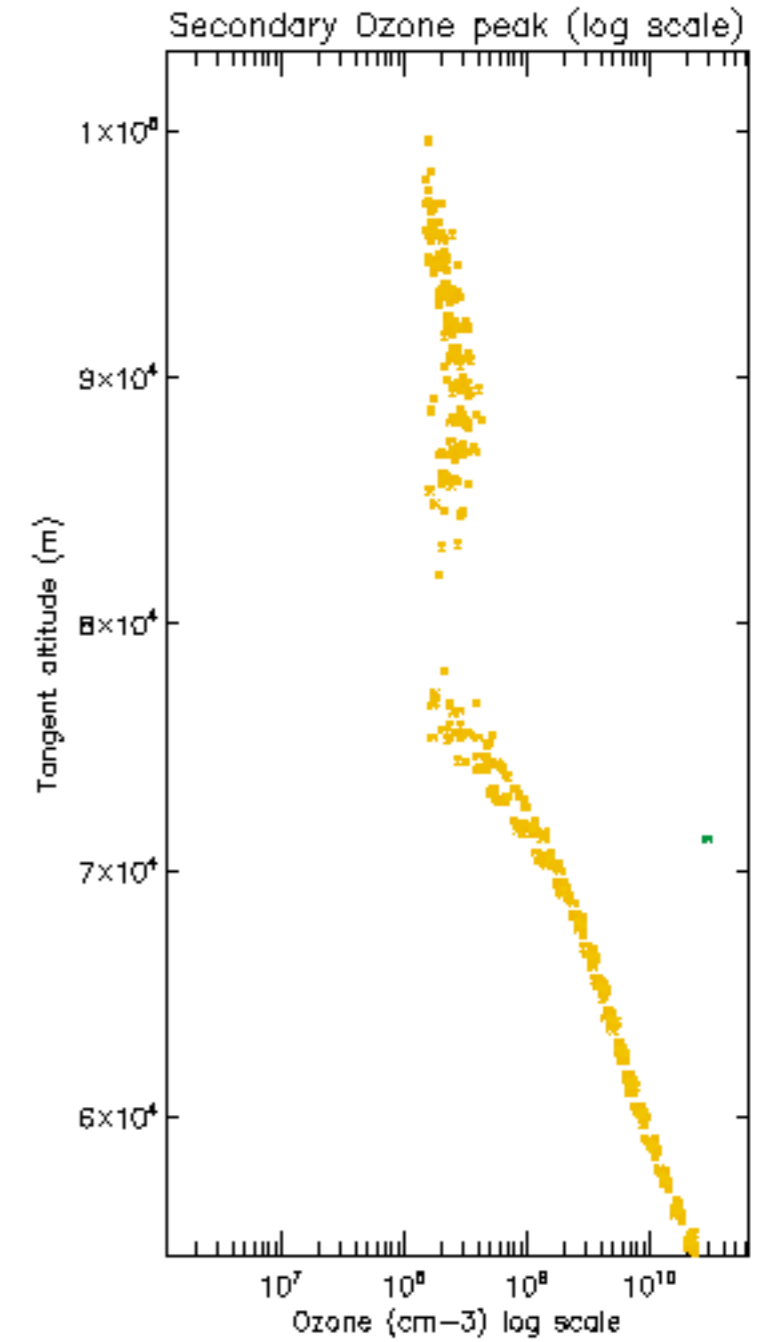
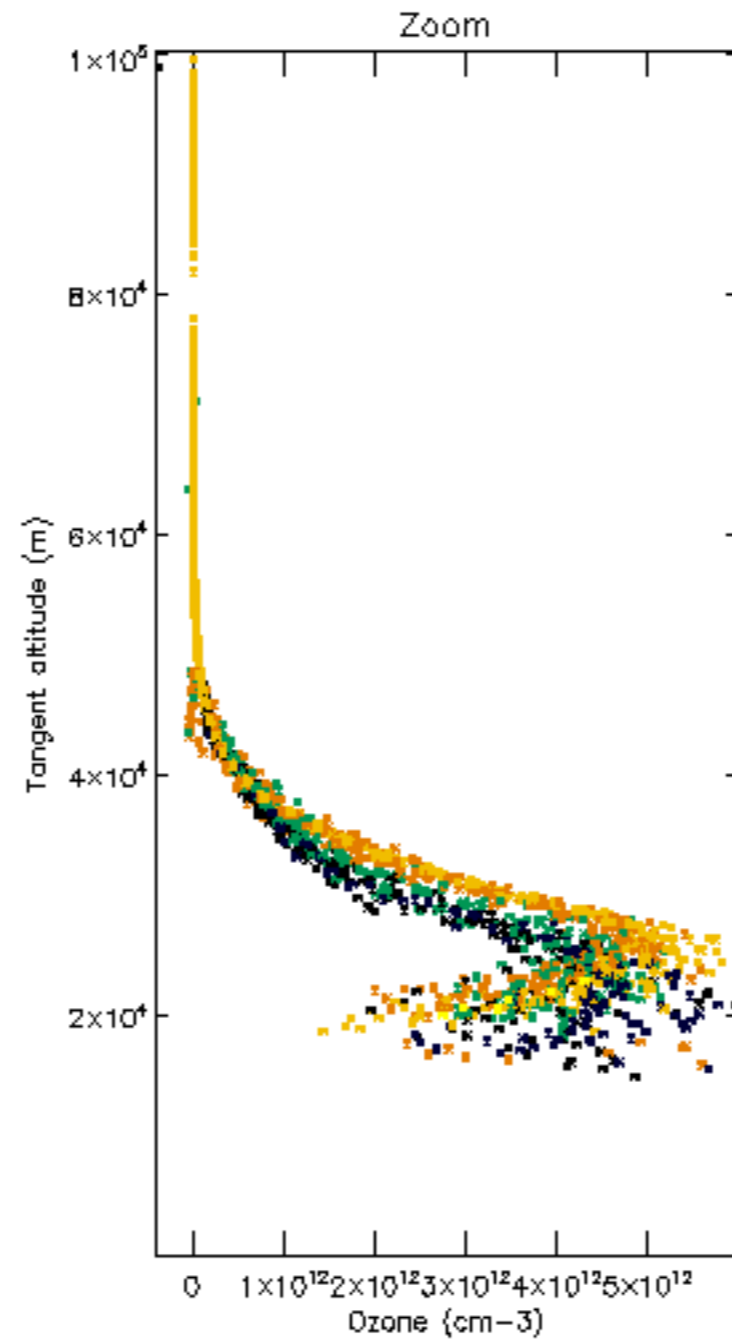
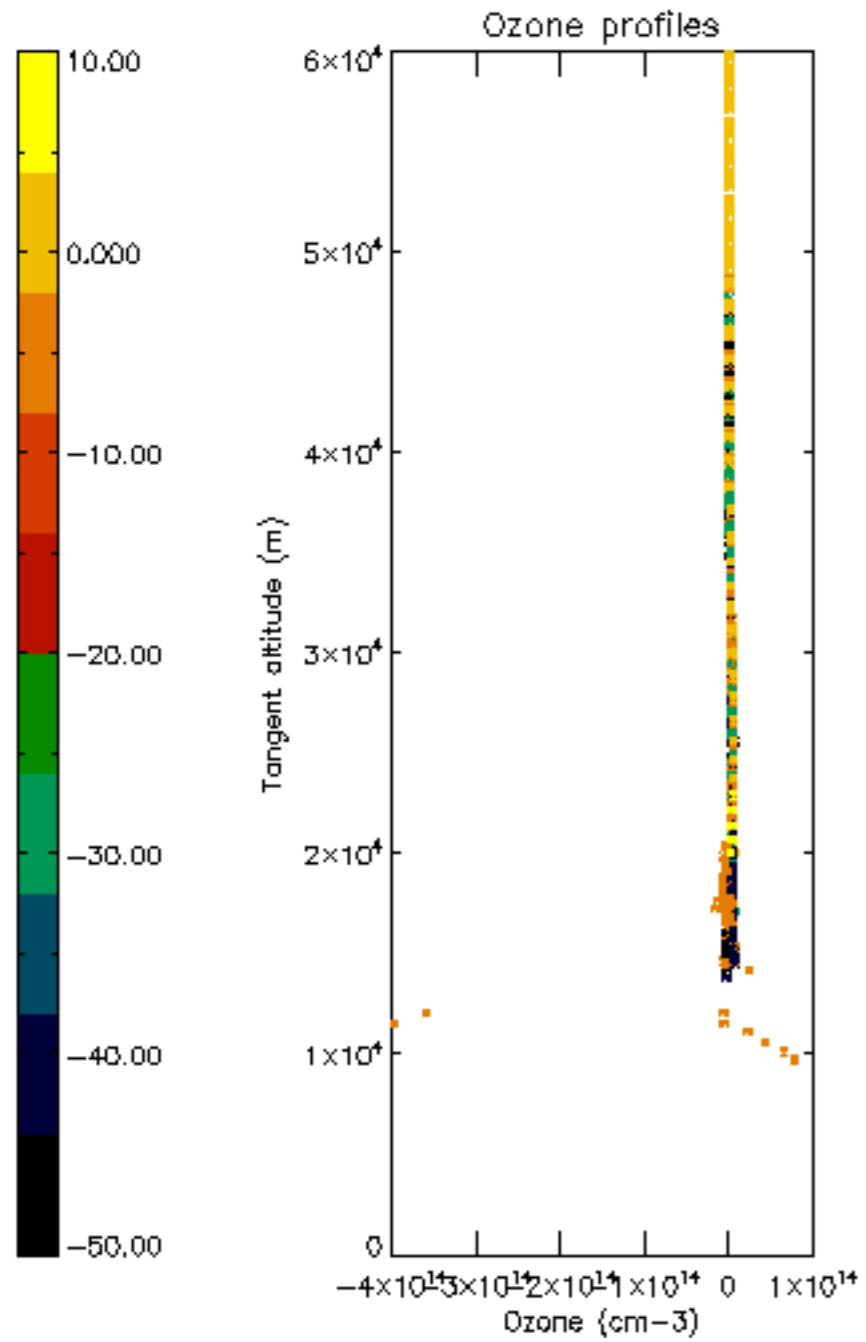
Percentage of star falling outside central band per profile



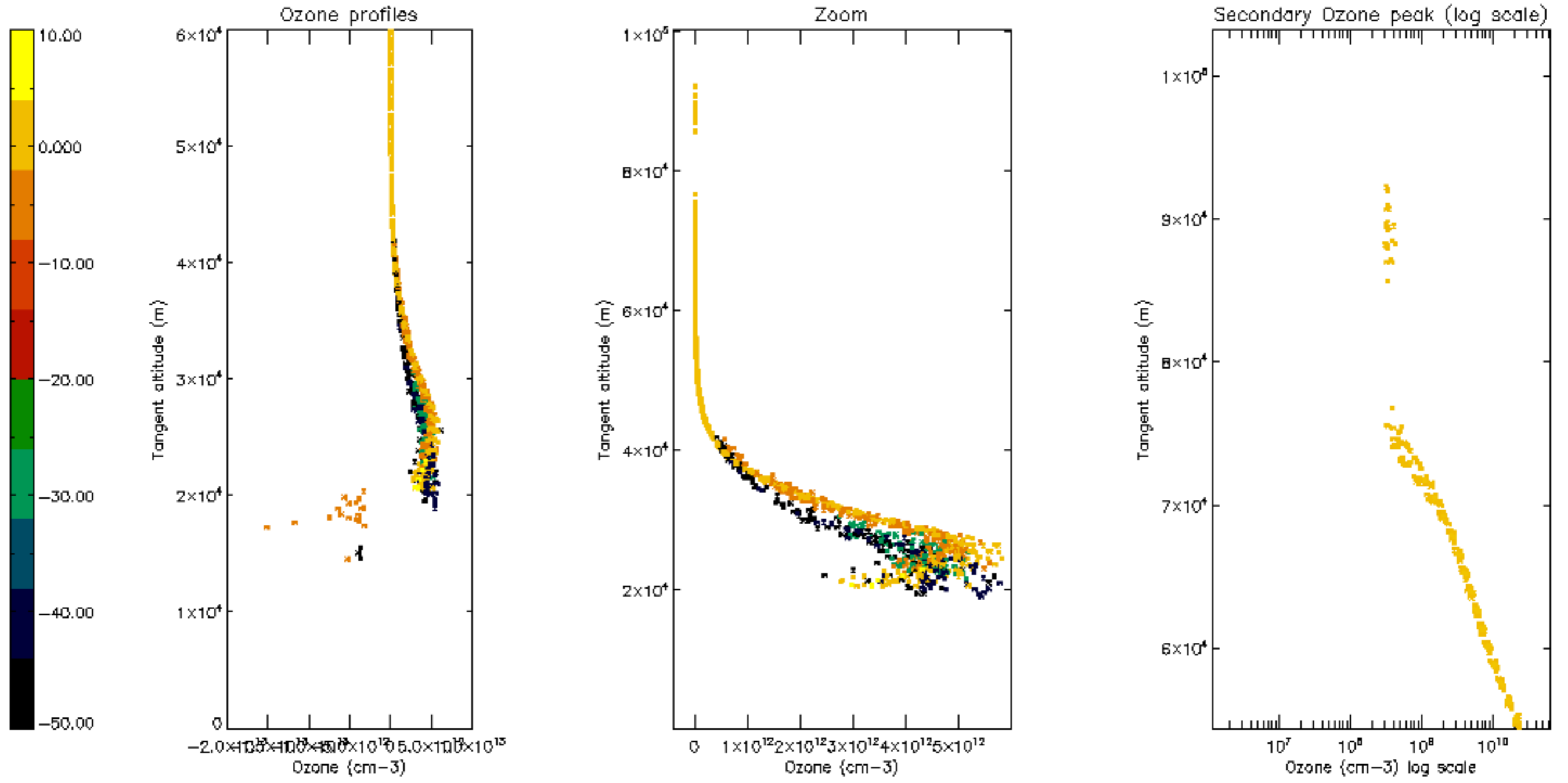
Percentage of saturation errors per profile

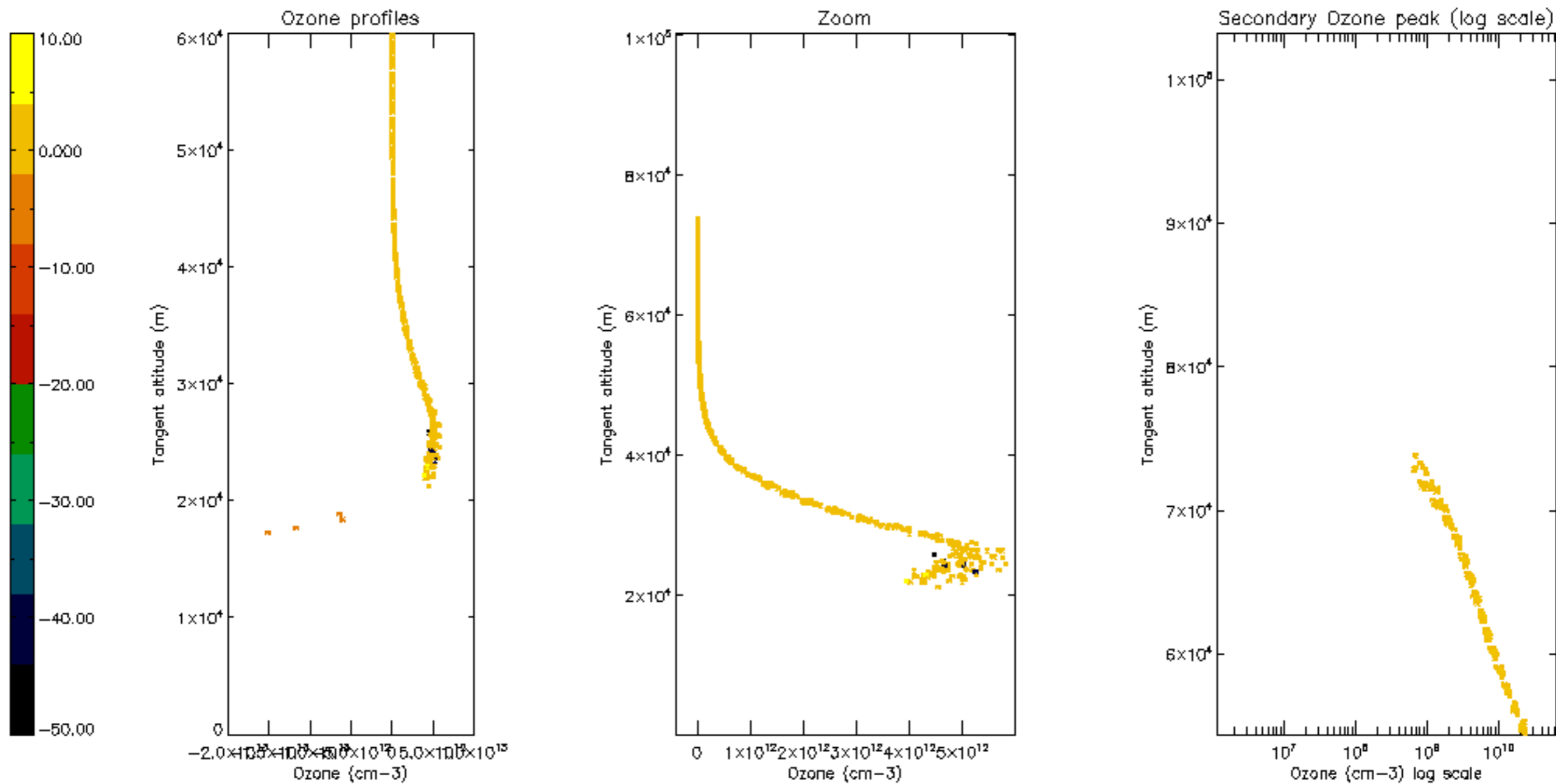


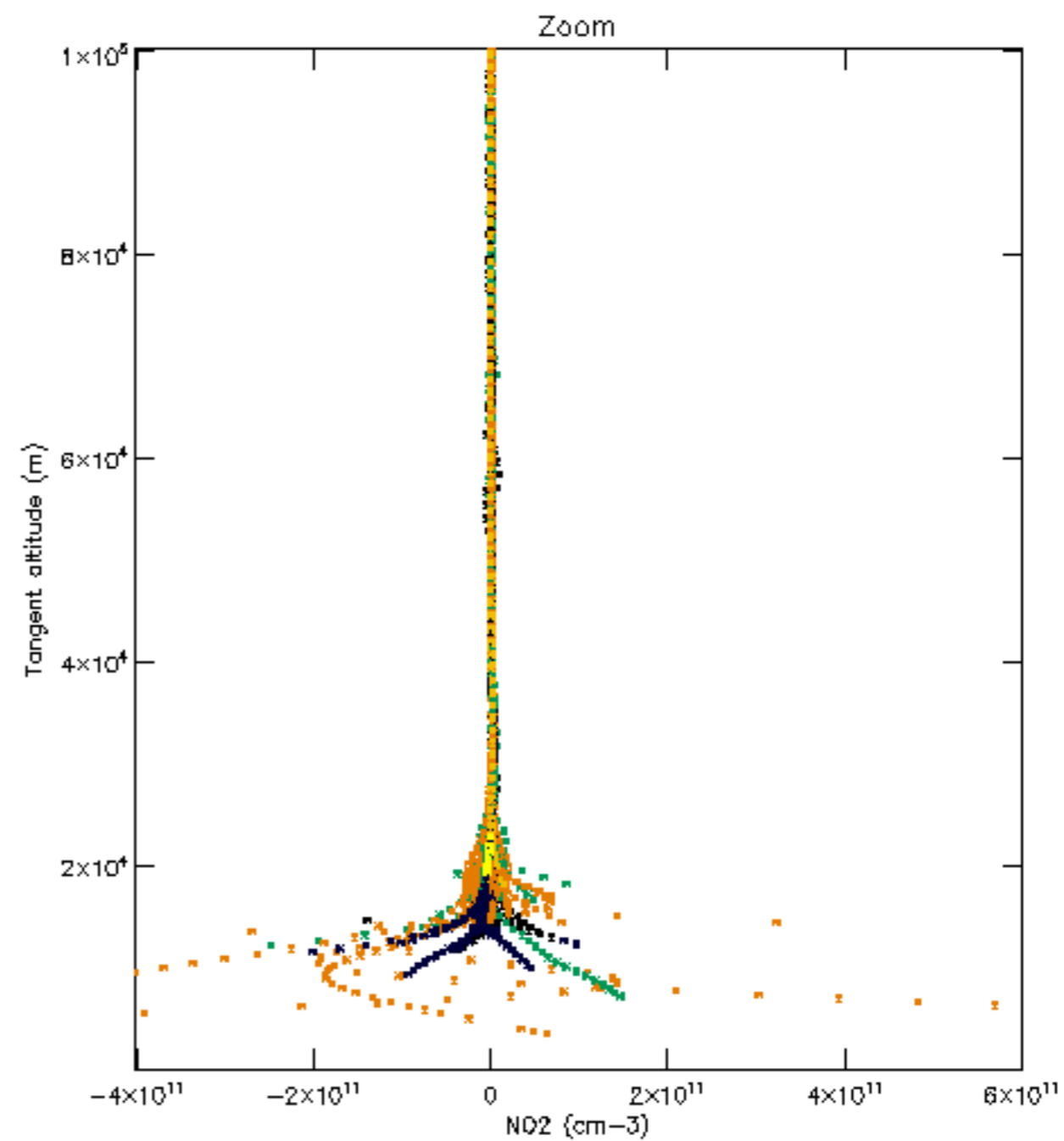
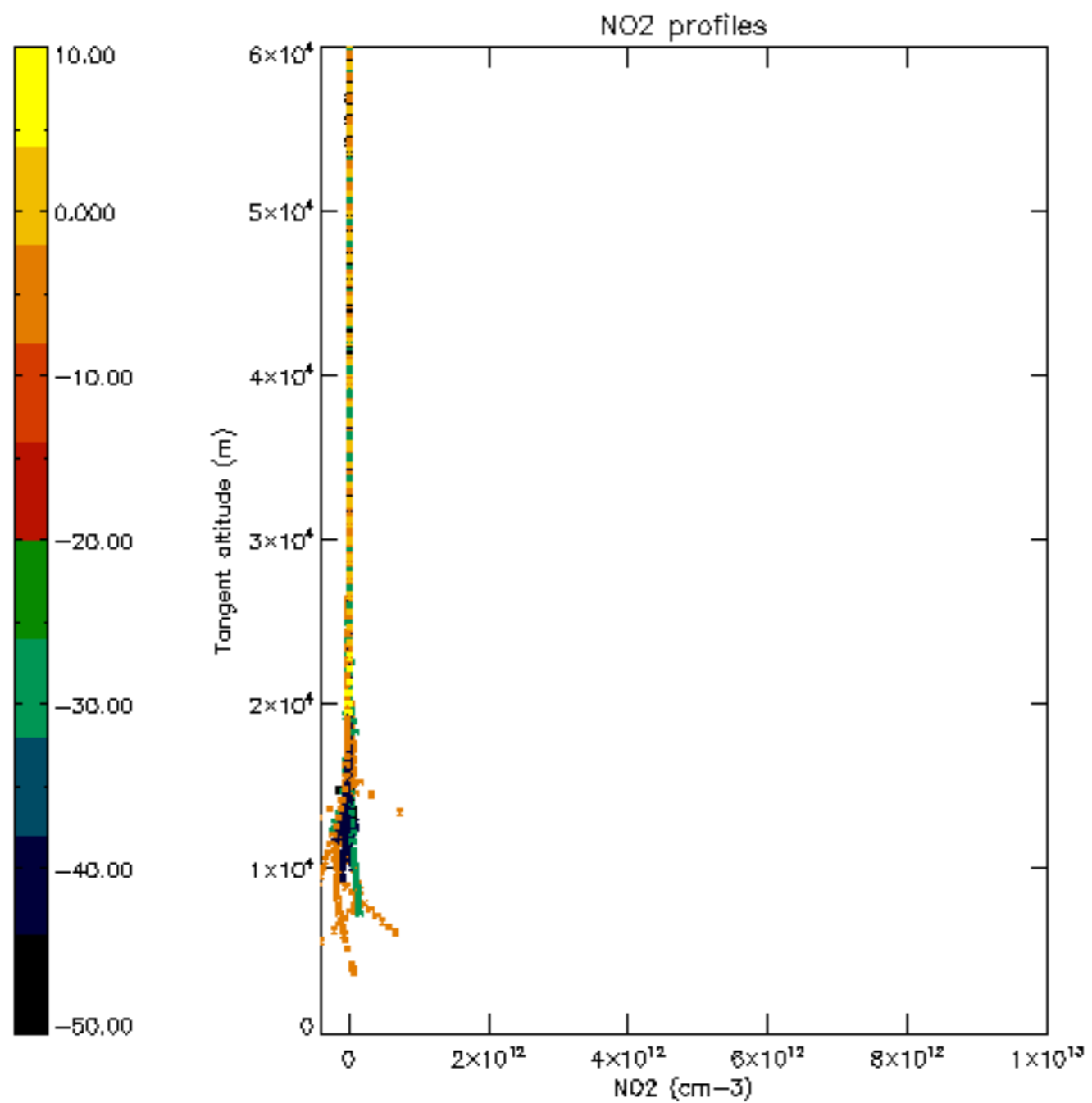


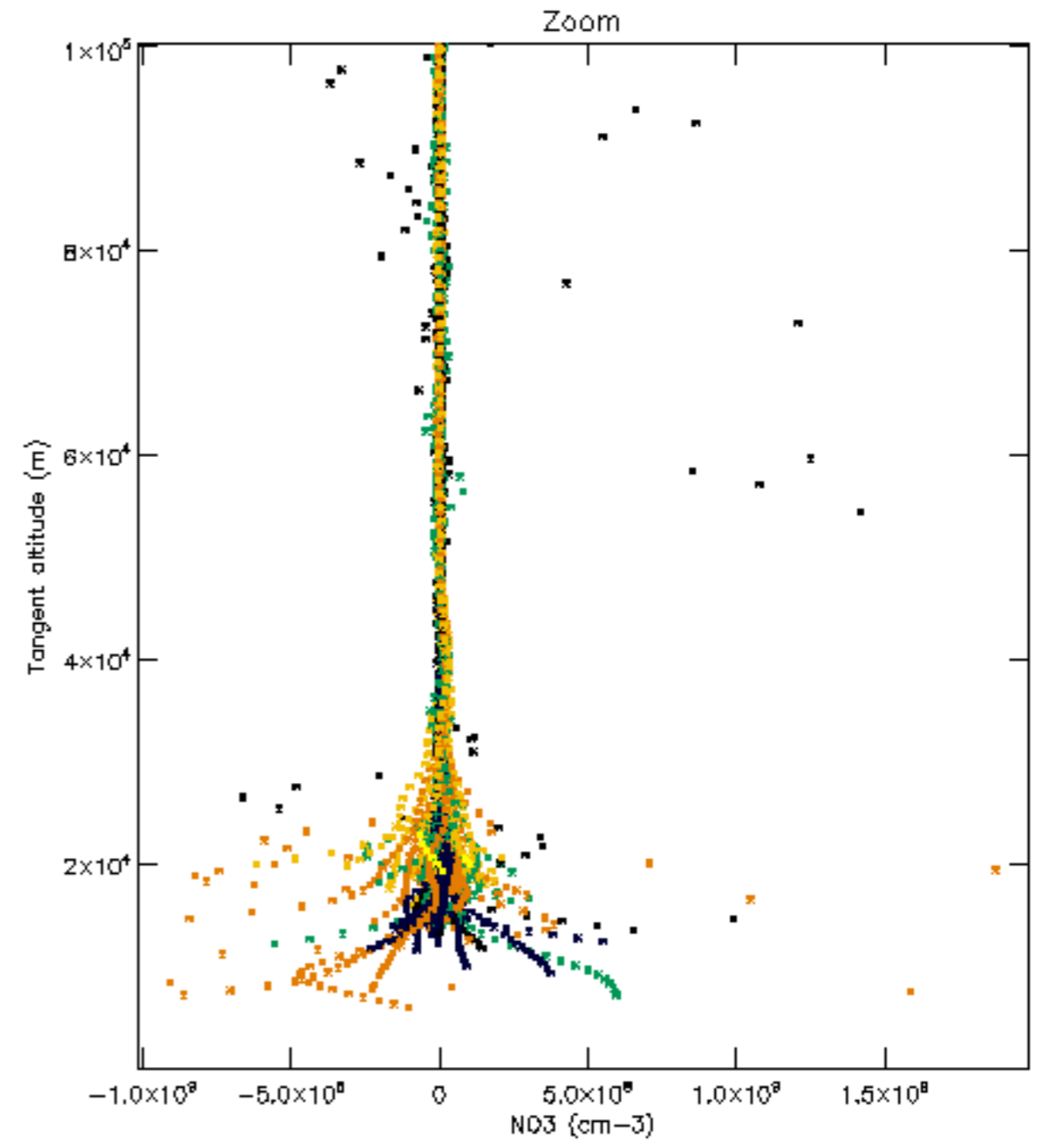
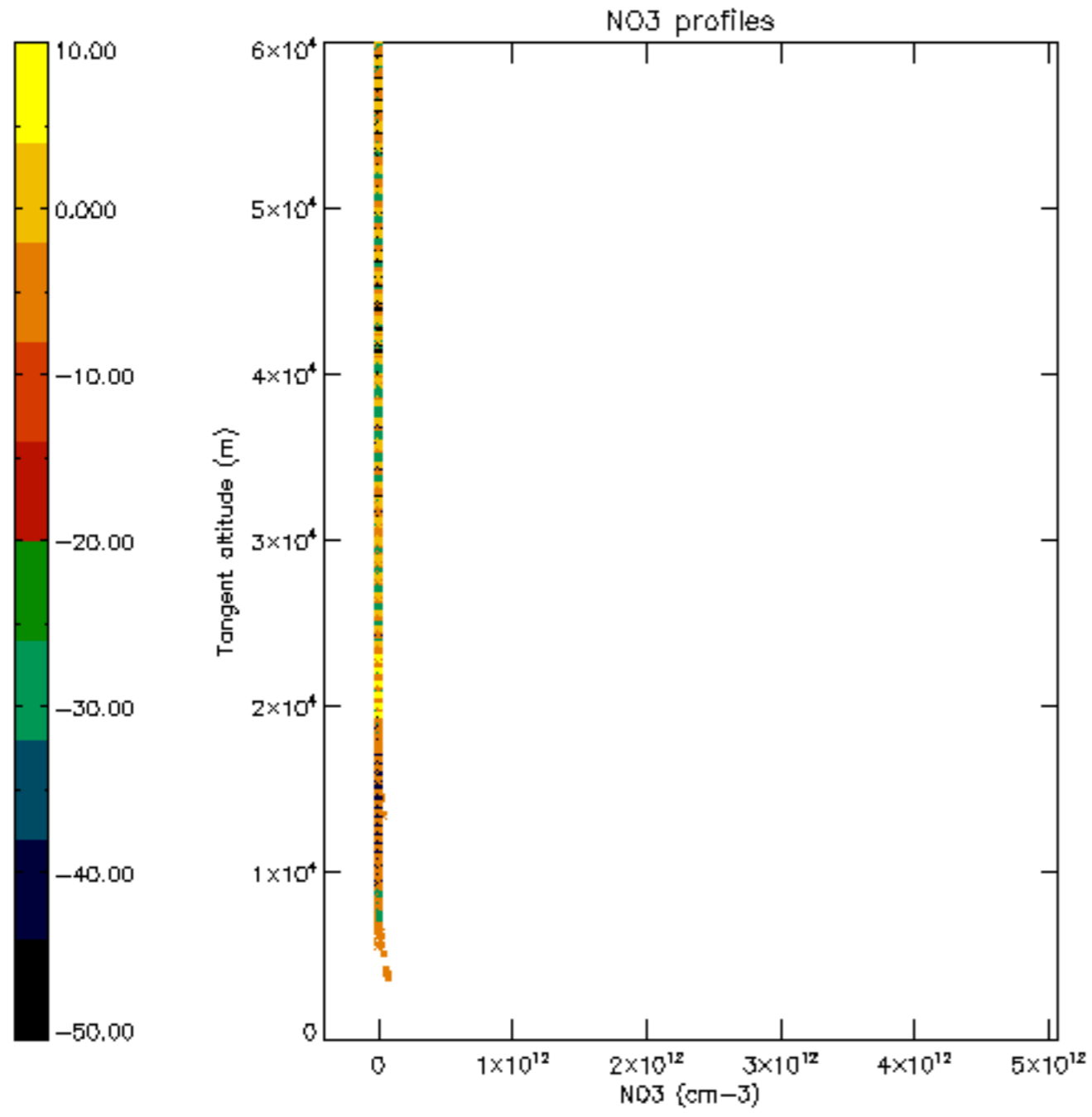




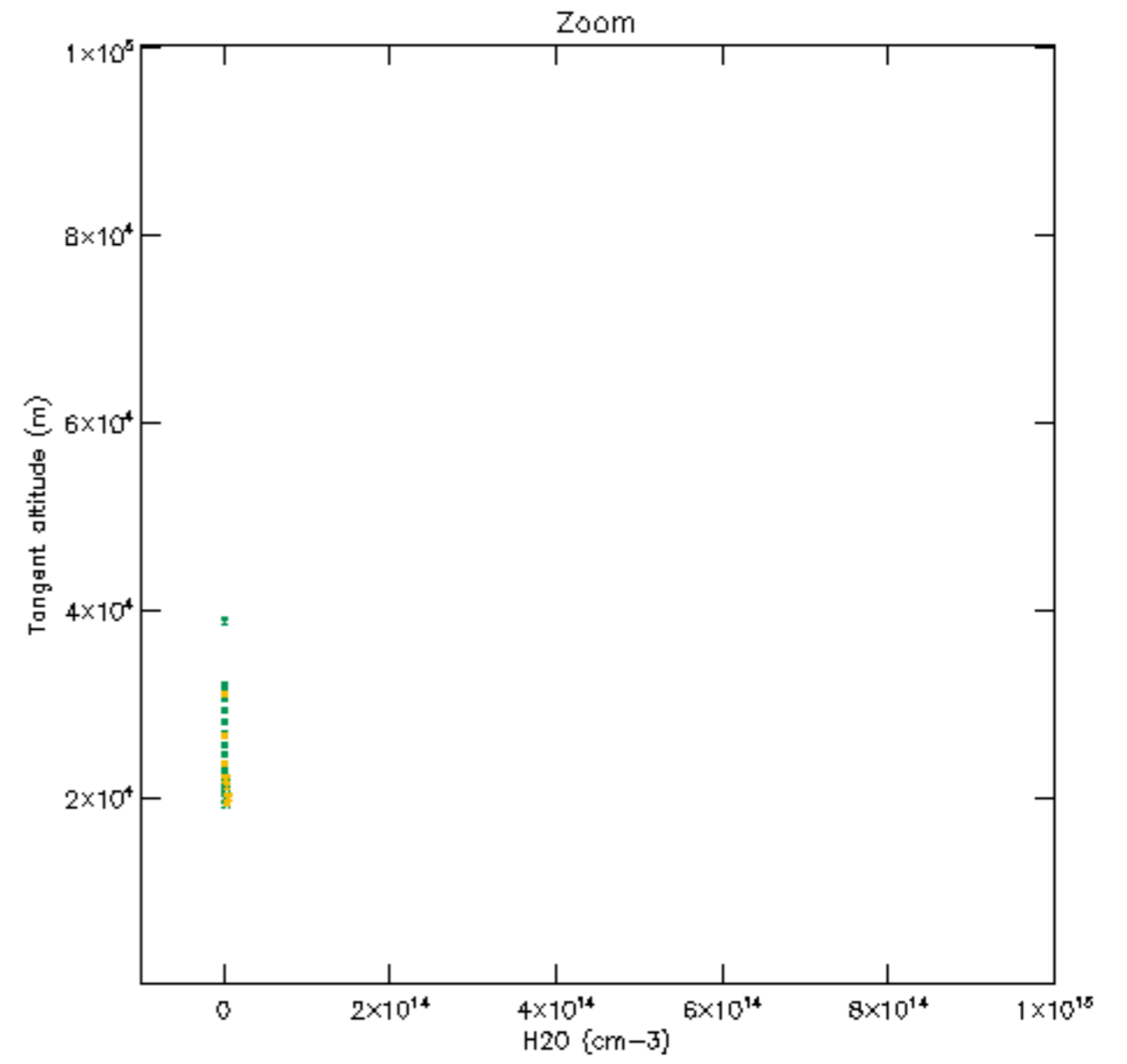
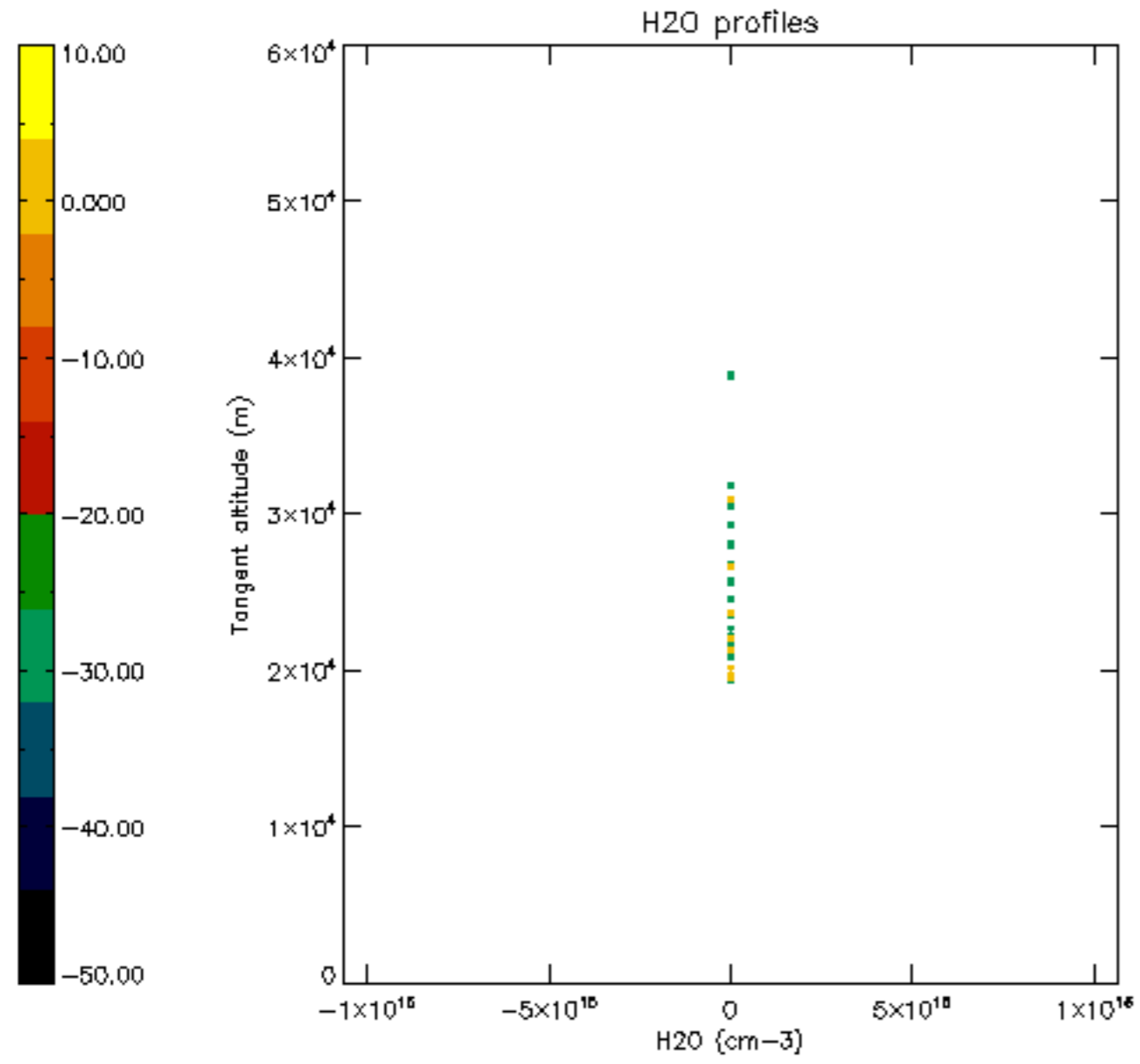


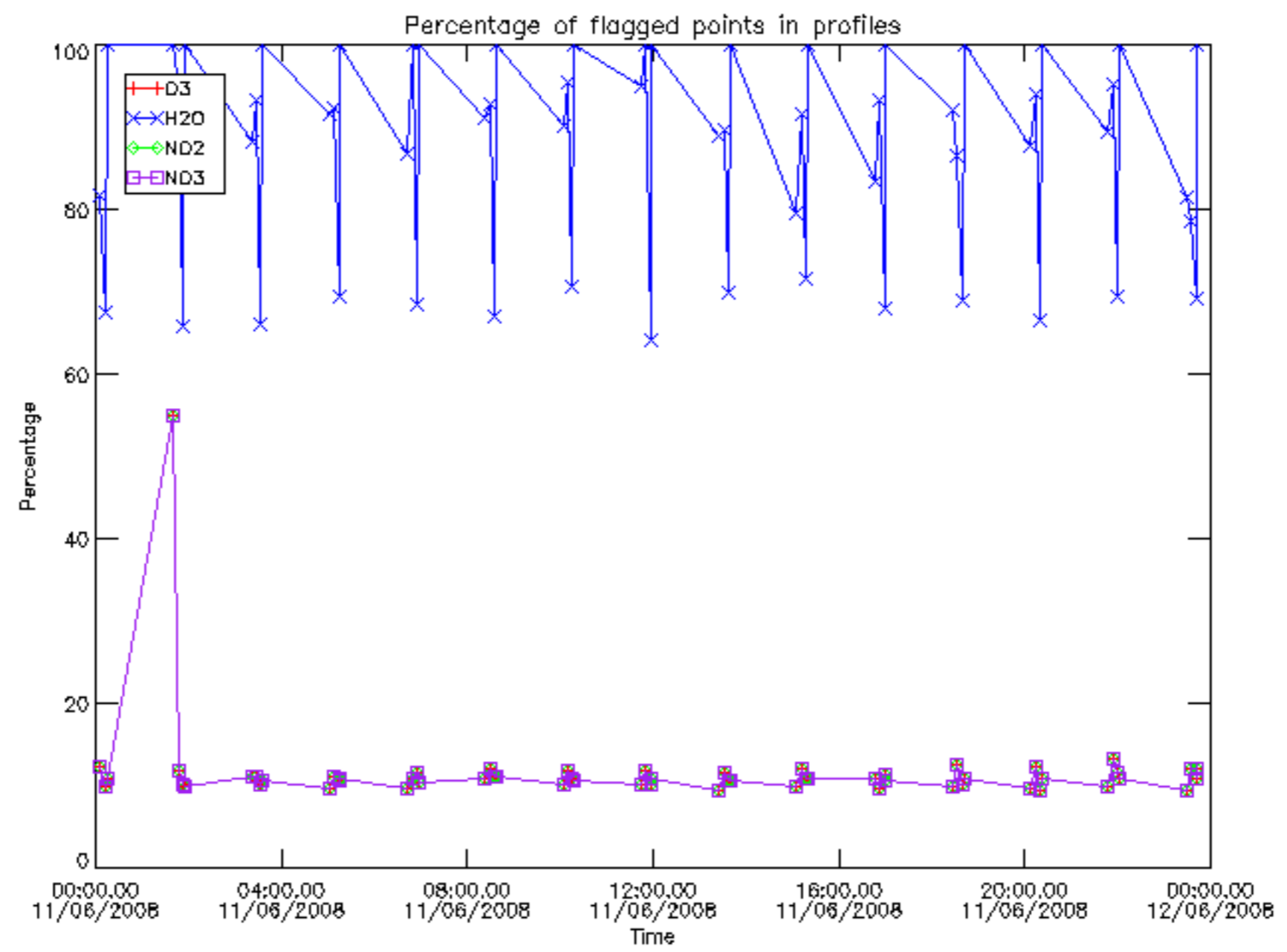




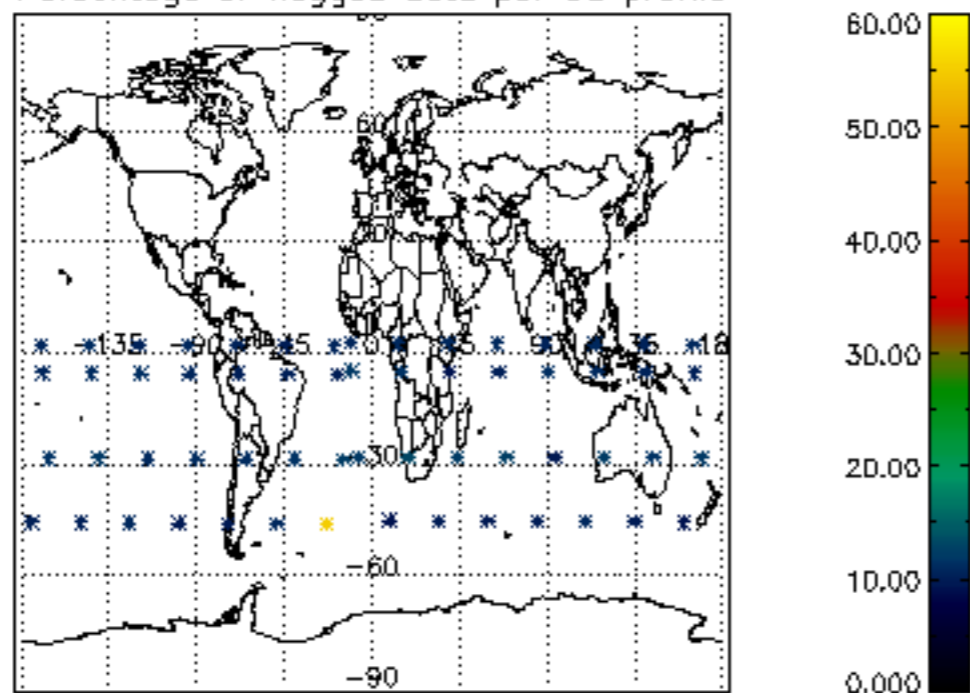




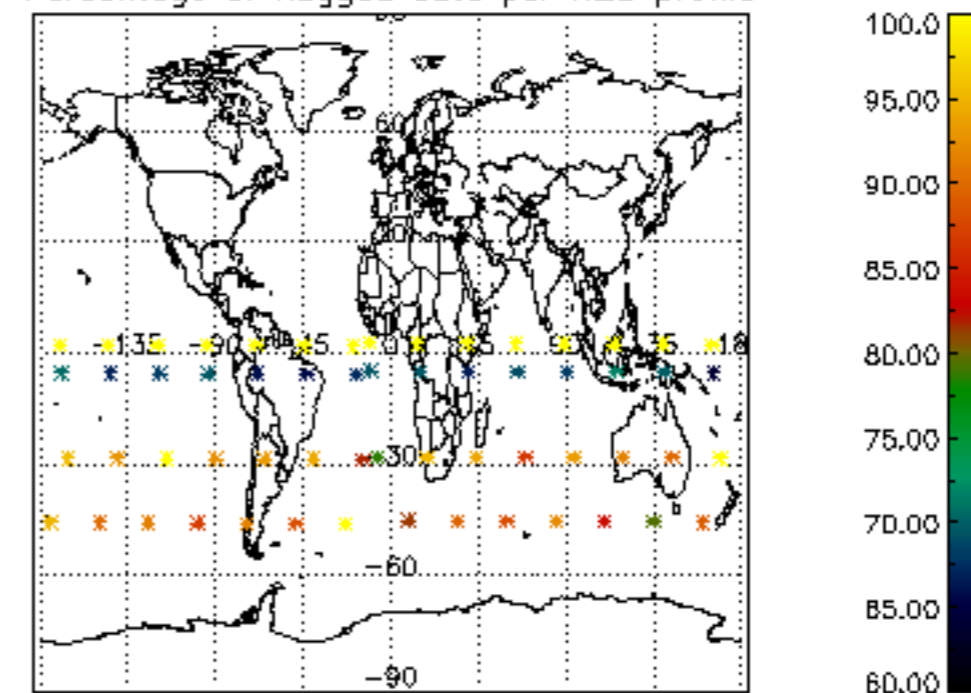




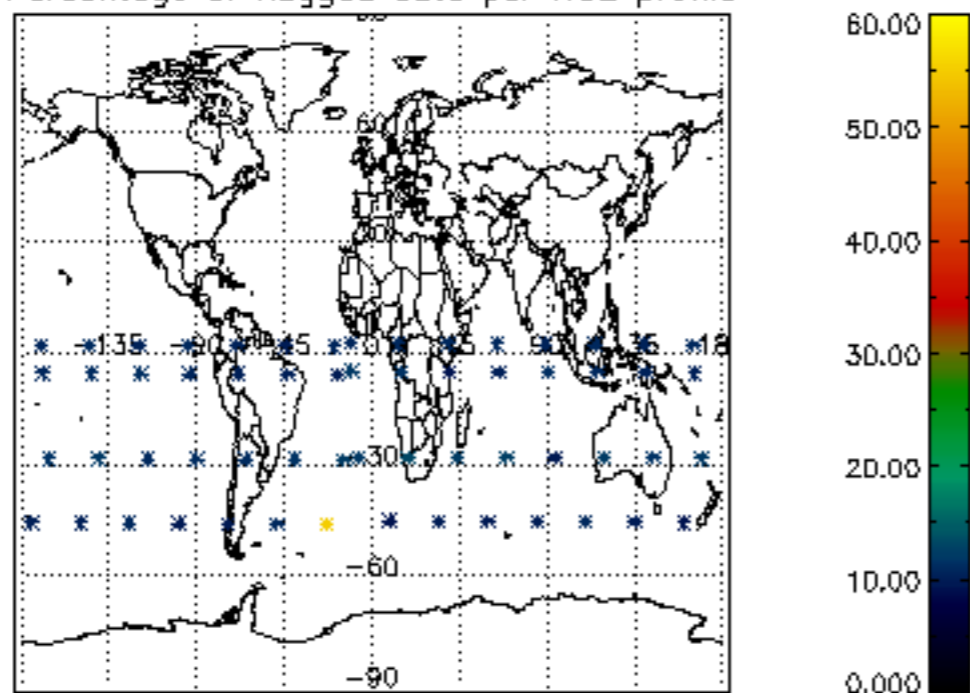
Percentage of flagged data per D3 profile



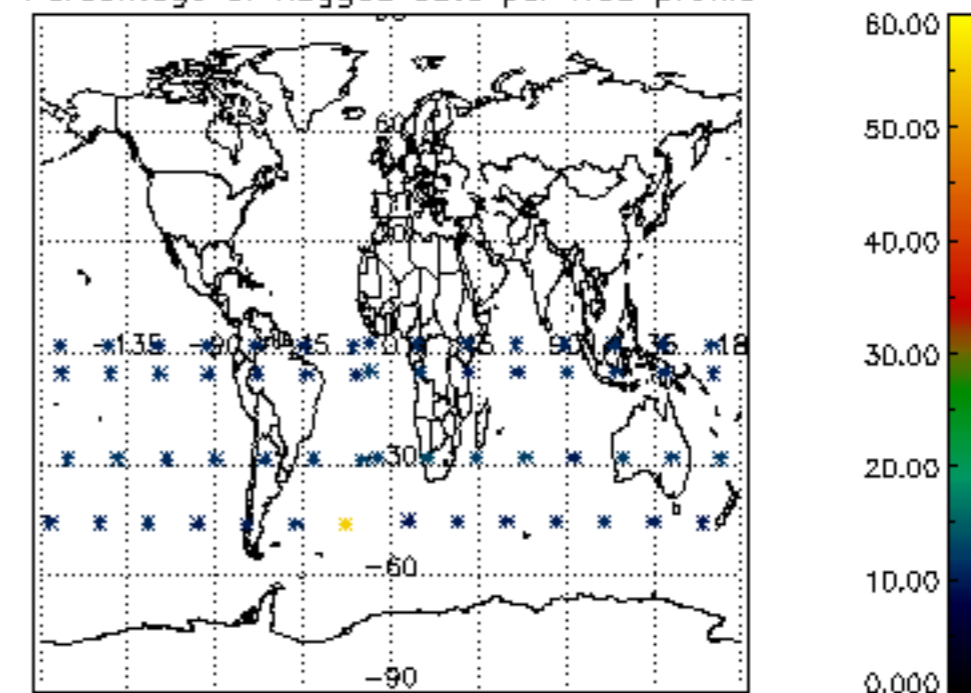
Percentage of flagged data per H2O profile

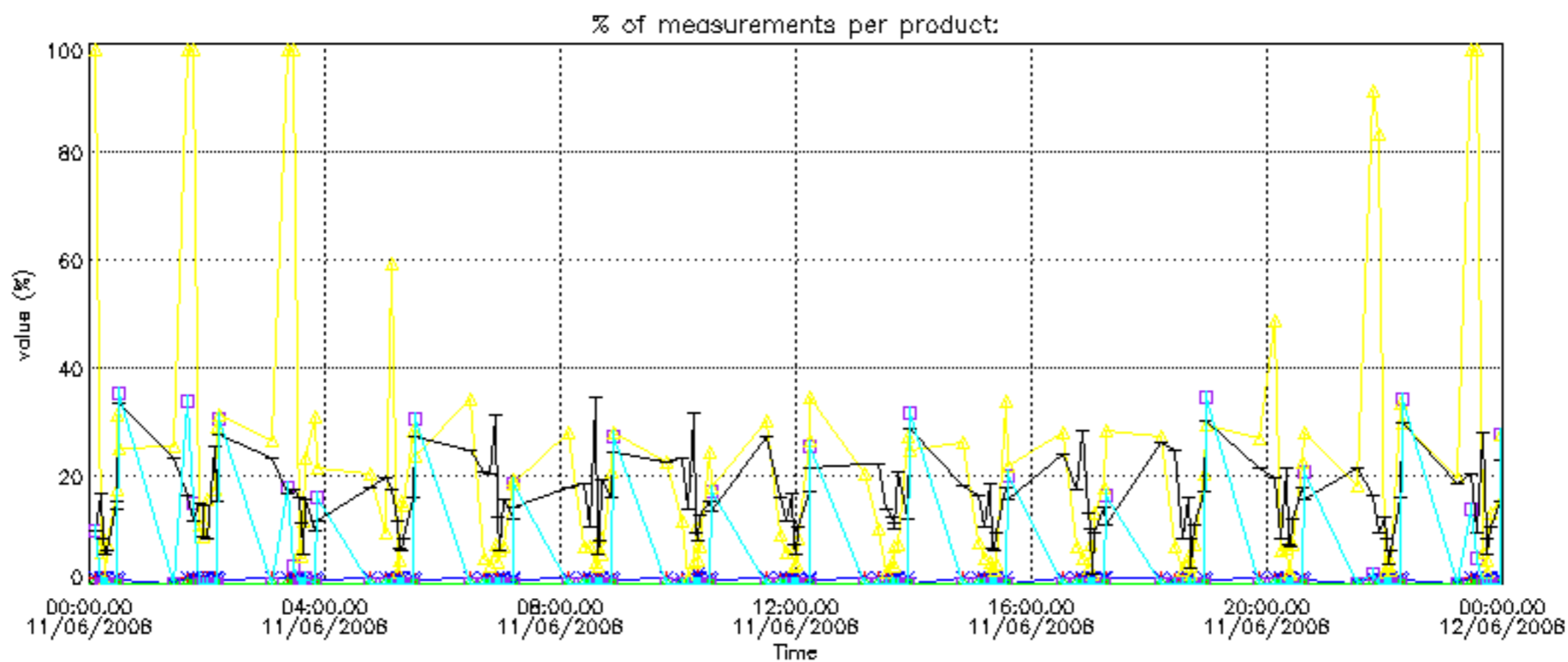


Percentage of flagged data per NO2 profile

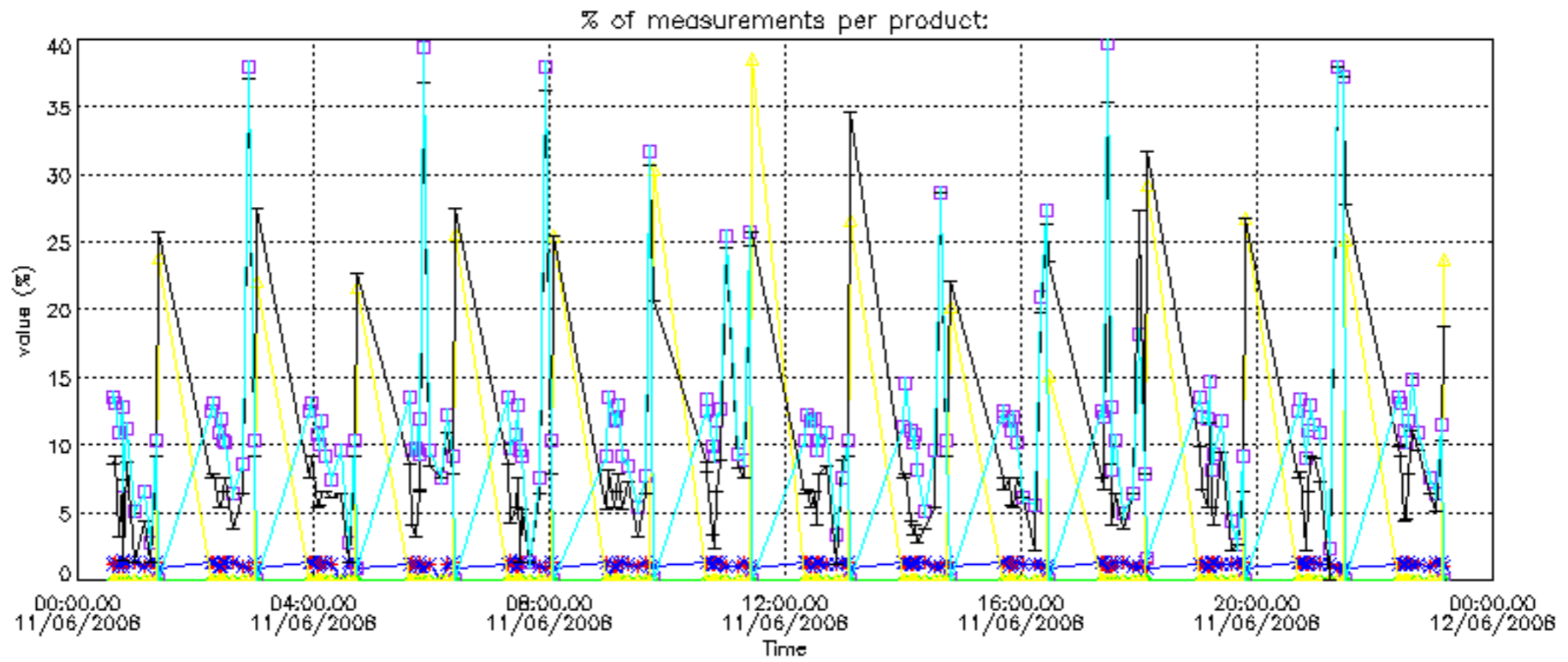


Percentage of flagged data per NO3 profile

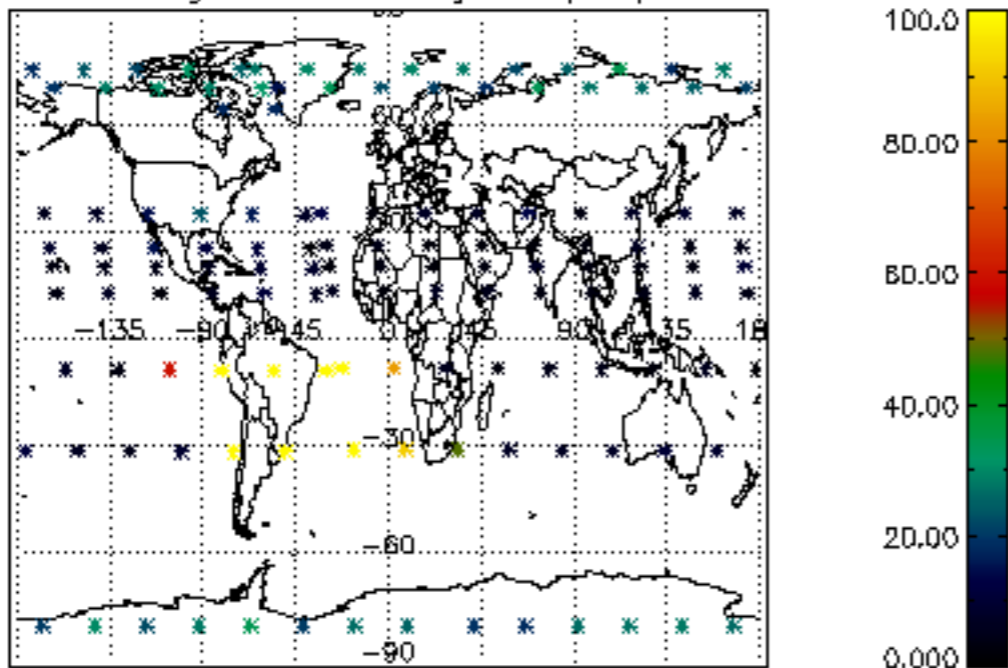




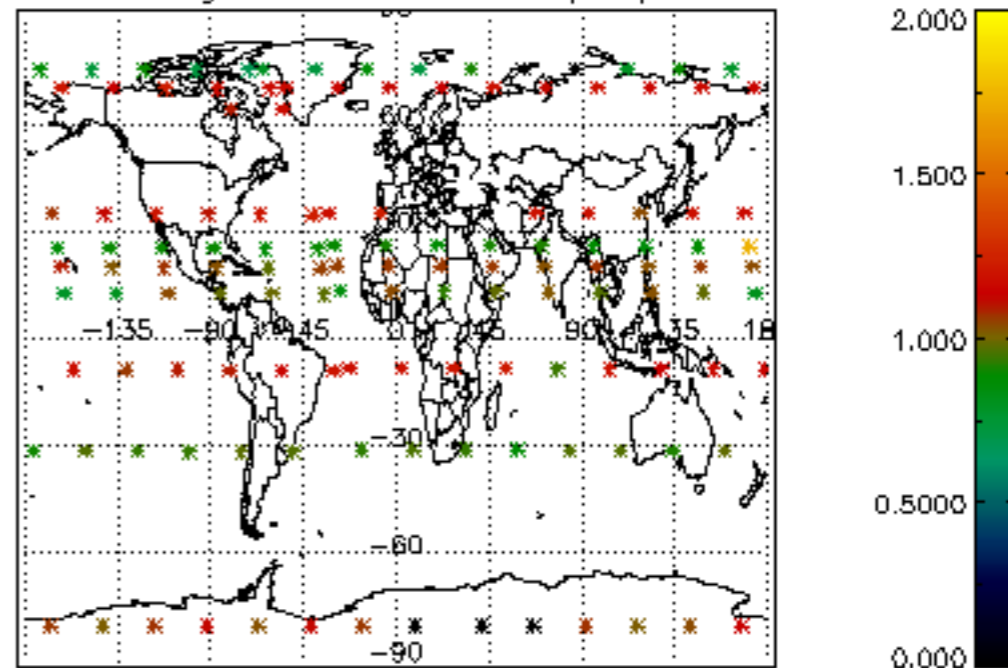




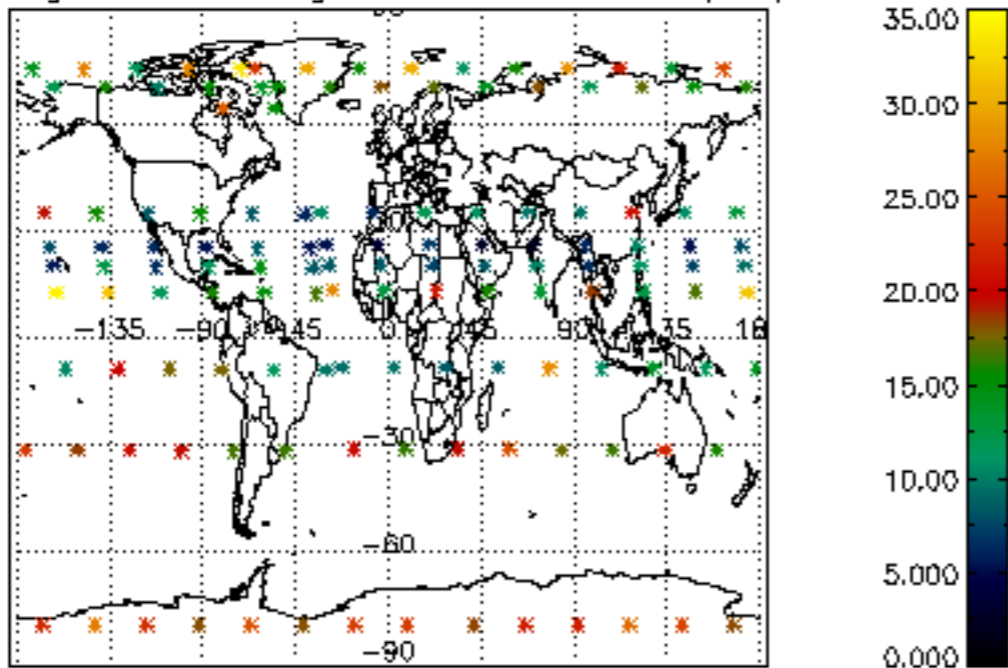
Percentage of cosmic ray hits per profile



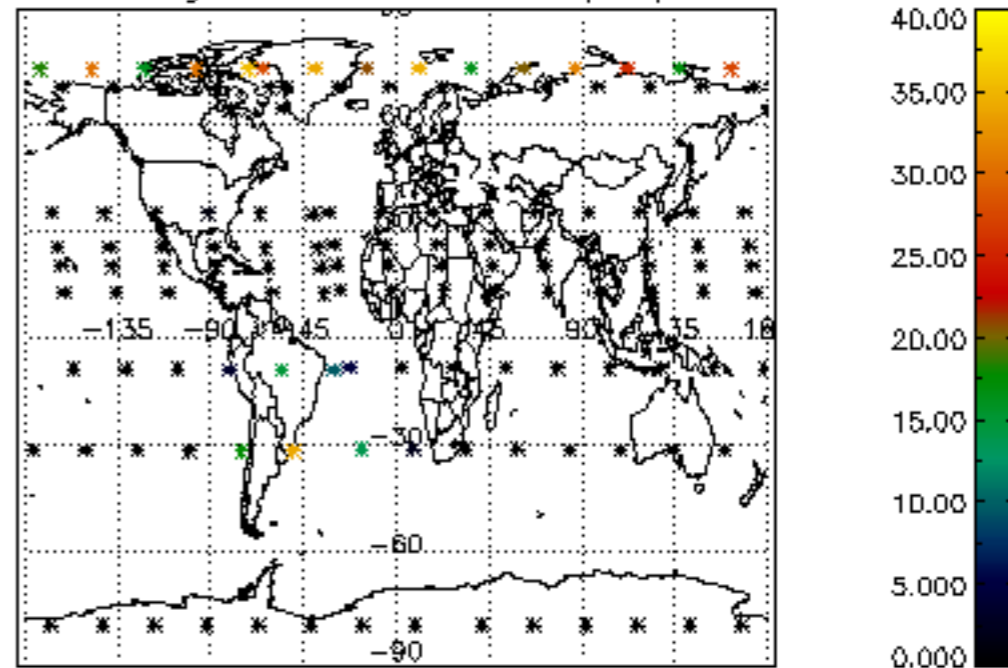
Percentage of datation errors per profile



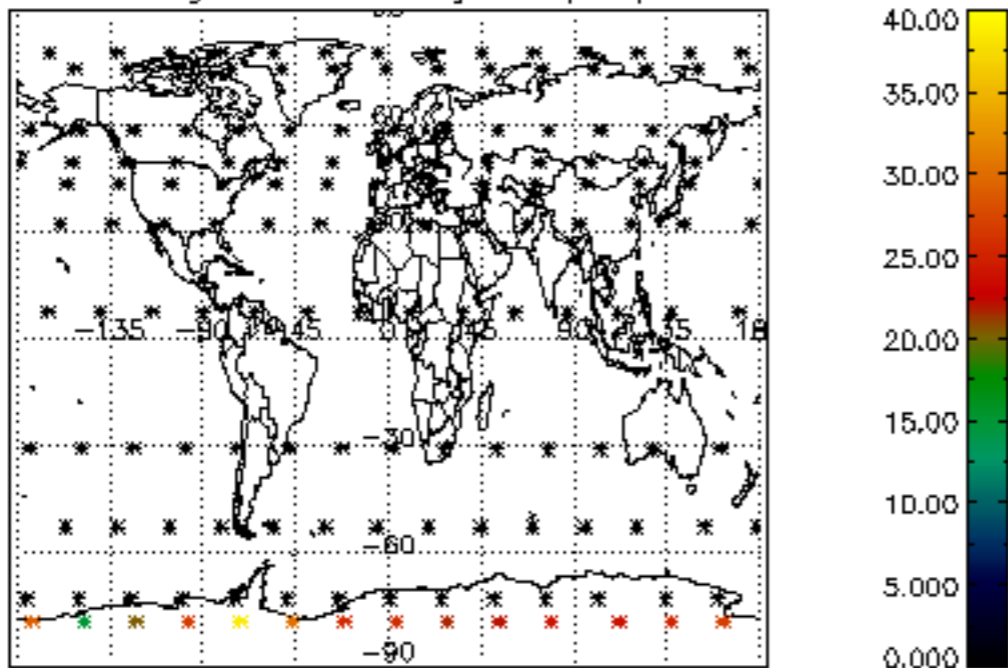
Percentage of star falling outside central band per profile



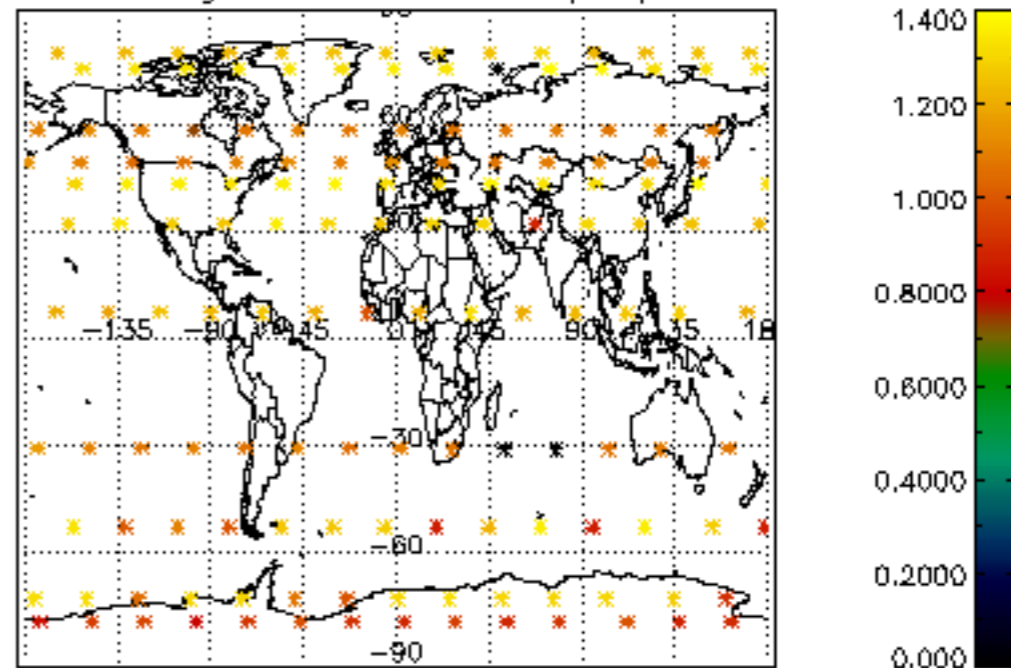
Percentage of saturation errors per profile



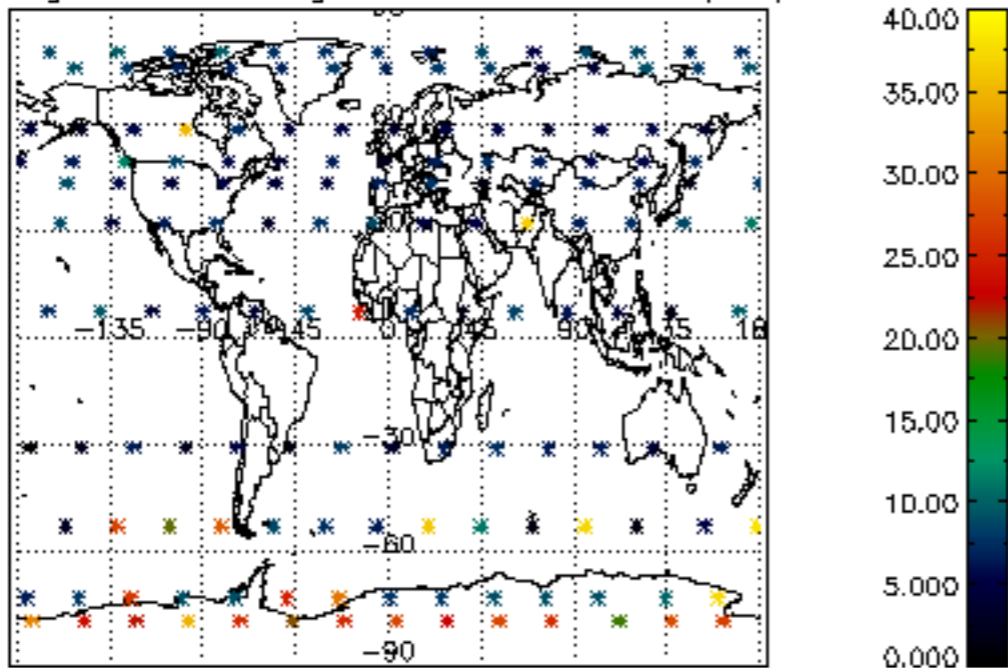
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

