

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	19APR2013 16:10:06
Data source version	GOMOS/6.01
Start time of products	17-06-2003 (17JUN2003 00:00:00)
Stop time of products	18-06-2003 (18JUN2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	297
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__2PRFIN20030617_000430_000000452017_00202_06769_6438.N1	17-JUN-2003 00:04:30	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	6769	No
2	GOM_NL__2PRFIN20030617_000554_000000442017_00202_06769_6439.N1	17-JUN-2003 00:05:54	Bright	44.000	68	18Alp Cas	2.2250	4500.0	88	6769	No
3	GOM_NL__2PRFIN20030617_000739_000000532017_00202_06769_6440.N1	17-JUN-2003 00:07:39	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6769	No
4	GOM_NL__2PRFIN20030617_001106_000000432017_00202_06769_6441.N1	17-JUN-2003 00:11:06	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6769	No
5	GOM_NL__2PRFIN20030617_001328_000000562017_00202_06769_6442.N1	17-JUN-2003 00:13:28	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	6769	No
6	GOM_NL__2PRFIN20030617_001659_000000472017_00202_06769_6443.N1	17-JUN-2003 00:16:59	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	6769	No
7	GOM_NL__2PRFIN20030617_002335_000000792017_00202_06769_6444.N1	17-JUN-2003 00:23:35	Dark	78.500	140	88Gam Peg	2.8340	26000.	157	6769	No
8	GOM_NL__2PRFIN20030617_003900_000000462017_00202_06769_6445.N1	17-JUN-2003 00:39:00	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	6769	No
9	GOM_NL__2PRFIN20030617_004400_000000812017_00203_06770_6306.N1	17-JUN-2003 00:44:00	Dark	80.500	18	24Alp PsA	1.1660	9700.0	161	6770	No
10	GOM_NL__2PRFIN20030617_004718_000000512017_00203_06770_6307.N1	17-JUN-2003 00:47:18	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	6770	No
11	GOM_NL__2PRFIN20030617_005104_000000432017_00203_06770_6308.N1	17-JUN-2003 00:51:04	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	6770	No
12	GOM_NL__2PRFIN20030617_005910_000000442017_00203_06770_6309.N1	17-JUN-2003 00:59:10	Twilight	44.000	40	The Sco	1.8590	7100.0	88	6770	No
13	GOM_NL__2PRFIN20030617_010052_000000472017_00203_06770_6310.N1	17-JUN-2003 01:00:52	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	6770	No
14	GOM_NL__2PRFIN20030617_010425_000000572017_00203_06770_6311.N1	17-JUN-2003 01:04:25	Bright	56.500	155	41Pi Sgr	2.9000	6600.0	113	6770	No
15	GOM_NL__2PRFIN20030617_010726_000000402017_00203_06770_6312.N1	17-JUN-2003 01:07:26	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	6770	No
16	GOM_NL__2PRFIN20030617_010911_000000392017_00203_06770_6313.N1	17-JUN-2003 01:09:11	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	6770	No
17	GOM_NL__2PRFIN20030617_011356_000000432017_00203_06770_6314.N1	17-JUN-2003 01:13:56	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6770	No
18	GOM_NL__2PRFIN20030617_011626_000000462017_00203_06770_6315.N1	17-JUN-2003 01:16:26	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	6770	No
19	GOM_NL__2PRFIN20030617_011827_000000382017_00203_06770_6316.N1	17-JUN-2003 01:18:27	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6770	No
20	GOM_NL__2PRFIN20030617_012129_000000392017_00203_06770_6317.N1	17-JUN-2003 01:21:29	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6770	No
21	GOM_NL__2PRFIN20030617_012815_000000422017_00203_06770_6318.N1	17-JUN-2003 01:28:15	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	6770	No
22	GOM_NL__2PRFIN20030617_012952_000000352017_00203_06770_6319.N1	17-JUN-2003 01:29:52	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	6770	No
23	GOM_NL__2PRFIN20030617_013758_000000352017_00203_06770_6320.N1	17-JUN-2003 01:37:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	6770	No
24	GOM_NL__2PRFIN20030617_014506_000000462017_00203_06770_6321.N1	17-JUN-2003 01:45:06	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	6770	No
25	GOM_NL__2PRFIN20030617_014630_000000452017_00203_06770_6322.N1	17-JUN-2003 01:46:30	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	6770	No
26	GOM_NL__2PRFIN20030617_014814_000000532017_00203_06770_6323.N1	17-JUN-2003 01:48:14	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6770	No
27	GOM_NL__2PRFIN20030617_015142_000000422017_00203_06770_6324.N1	17-JUN-2003 01:51:42	Bright	42.000	73	57Gam1And	2.2600	13100.	84	6770	No
28	GOM_NL__2PRFIN20030617_015404_000000632017_00203_06770_6325.N1	17-JUN-2003 01:54:04	Twilight	62.500	53	43Bet And	2.0480	3300.0	125	6770	No
29	GOM_NL__2PRFIN20030617_015735_000000492017_00203_06770_6326.N1	17-JUN-2003 01:57:35	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	6770	No
30	GOM_NL__2PRFIN20030617_020412_000000812017_00203_06770_6327.N1	17-JUN-2003 02:04:12	Dark	81.000	140	88Gam Peg	2.8340	26000.	162	6770	No
31	GOM_NL__2PRFIN20030617_022438_000000732017_00204_06771_6303.N1	17-JUN-2003 02:24:38	Dark	73.000	18	24Alp PsA	1.1660	9700.0	146	6771	No
32	GOM_NL__2PRFIN20030617_022754_000000512017_00204_06771_6304.N1	17-JUN-2003 02:27:54	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	6771	No
33	GOM_NL__2PRFIN20030617_023140_000000432017_00204_06771_6305.N1	17-JUN-2003 02:31:40	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	6771	No
34	GOM_NL__2PRFIN20030617_023946_000000442017_00204_06771_6306.N1	17-JUN-2003 02:39:46	Twilight	43.500	40	The Sco	1.8590	7100.0	87	6771	No
35	GOM_NL__2PRFIN20030617_024128_000000452017_00204_06771_6307.N1	17-JUN-2003 02:41:28	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	6771	No
36	GOM_NL__2PRFIN20030617_024501_000000572017_00204_06771_6308.N1	17-JUN-2003 02:45:01	Bright	57.000	155	41Pi Sgr	2.9000	6600.0	114	6771	No
37	GOM_NL__2PRFIN20030617_024802_000000402017_00204_06771_6309.N1	17-JUN-2003 02:48:02	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	6771	No
38	GOM_NL__2PRFIN20030617_024946_000000382017_00204_06771_6310.N1	17-JUN-2003 02:49:46	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	6771	No
39	GOM_NL__2PRFIN20030617_025432_000000432017_00204_06771_6311.N1	17-JUN-2003 02:54:32	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6771	No
40	GOM_NL__2PRFIN20030617_025701_000000452017_00204_06771_6312.N1	17-JUN-2003 02:57:01	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	6771	No
41	GOM_NL__2PRFIN20030617_025903_000000392017_00204_06771_6313.N1	17-JUN-2003 02:59:03	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	6771	No
42	GOM_NL__2PRFIN20030617_030204_000000392017_00204_06771_6314.N1	17-JUN-2003 03:02:04	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6771	No

43	GOM_NL__2PRFIN20030617_030850_000000402017_00204_06771_6315.N1	17-JUN-2003 03:08:50	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	6771	No
44	GOM_NL__2PRFIN20030617_031027_000000372017_00204_06771_6316.N1	17-JUN-2003 03:10:27	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	6771	No
45	GOM_NL__2PRFIN20030617_031834_000000372017_00204_06771_6317.N1	17-JUN-2003 03:18:34	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6771	No
46	GOM_NL__2PRFIN20030617_032542_000000462017_00204_06771_6318.N1	17-JUN-2003 03:25:42	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	6771	No
47	GOM_NL__2PRFIN20030617_032706_000000462017_00204_06771_6319.N1	17-JUN-2003 03:27:06	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6771	No
48	GOM_NL__2PRFIN20030617_032850_000000532017_00204_06771_6320.N1	17-JUN-2003 03:28:50	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6771	No
49	GOM_NL__2PRFIN20030617_033218_000000412017_00204_06771_6321.N1	17-JUN-2003 03:32:18	Bright	40.500	73	57Gam1And	2.2600	13100.	81	6771	No
50	GOM_NL__2PRFIN20030617_033440_000000592017_00204_06771_6322.N1	17-JUN-2003 03:34:40	Tw_i_and_stray	59.000	53	43Bet And	2.0480	3300.0	118	6771	No
51	GOM_NL__2PRFIN20030617_033811_000000512017_00204_06771_6323.N1	17-JUN-2003 03:38:11	Twilight	51.000	50	13Alp Ari	2.0070	4250.0	102	6771	No
52	GOM_NL__2PRFIN20030617_034449_000000782017_00204_06771_6324.N1	17-JUN-2003 03:44:49	Dark	78.000	140	88Gam Peg	2.8340	26000.	156	6771	No
53	GOM_NL__2PRFIN20030617_040516_000000742017_00205_06772_6301.N1	17-JUN-2003 04:05:16	Dark	74.000	18	24Alp PsA	1.1660	9700.0	148	6772	No
54	GOM_NL__2PRFIN20030617_040832_000000502017_00205_06772_6302.N1	17-JUN-2003 04:08:32	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	6772	No
55	GOM_NL__2PRFIN20030617_041217_000000452017_00205_06772_6303.N1	17-JUN-2003 04:12:17	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	6772	No
56	GOM_NL__2PRFIN20030617_042023_000000452017_00205_06772_6304.N1	17-JUN-2003 04:20:23	Tw_i_and_stray	44.500	40	The Sco	1.8590	7100.0	89	6772	No
57	GOM_NL__2PRFIN20030617_042205_000000422017_00205_06772_6305.N1	17-JUN-2003 04:22:05	Tw_i_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	6772	No
58	GOM_NL__2PRFIN20030617_042538_000000572017_00205_06772_6306.N1	17-JUN-2003 04:25:38	Bright	56.500	155	41Pi Sgr	2.9000	6600.0	113	6772	No
59	GOM_NL__2PRFIN20030617_042839_000000402017_00205_06772_6307.N1	17-JUN-2003 04:28:39	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	6772	No
60	GOM_NL__2PRFIN20030617_043023_000000382017_00205_06772_6308.N1	17-JUN-2003 04:30:23	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	6772	No
61	GOM_NL__2PRFIN20030617_043507_000000442017_00205_06772_6309.N1	17-JUN-2003 04:35:07	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	6772	No
62	GOM_NL__2PRFIN20030617_043738_000000432017_00205_06772_6310.N1	17-JUN-2003 04:37:38	Bright	42.500	59	55Alp Oph	2.0800	8900.0	85	6772	No
63	GOM_NL__2PRFIN20030617_043939_000000392017_00205_06772_6311.N1	17-JUN-2003 04:39:39	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	6772	No
64	GOM_NL__2PRFIN20030617_044240_000000372017_00205_06772_6312.N1	17-JUN-2003 04:42:40	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	6772	No
65	GOM_NL__2PRFIN20030617_044926_000000412017_00205_06772_6313.N1	17-JUN-2003 04:49:26	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	6772	No
66	GOM_NL__2PRFIN20030617_045103_000000362017_00205_06772_6314.N1	17-JUN-2003 04:51:03	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	6772	No
67	GOM_NL__2PRFIN20030617_045910_000000362017_00205_06772_6315.N1	17-JUN-2003 04:59:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	6772	No
68	GOM_NL__2PRFIN20030617_050617_000000452017_00205_06772_6316.N1	17-JUN-2003 05:06:17	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	6772	No
69	GOM_NL__2PRFIN20030617_050741_000000462017_00205_06772_6317.N1	17-JUN-2003 05:07:41	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6772	No
70	GOM_NL__2PRFIN20030617_050926_000000372017_00205_06772_6318.N1	17-JUN-2003 05:09:26	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	6772	No
71	GOM_NL__2PRFIN20030617_051254_000000432017_00205_06772_6319.N1	17-JUN-2003 05:12:54	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6772	No
72	GOM_NL__2PRFIN20030617_051516_000000642017_00205_06772_6320.N1	17-JUN-2003 05:15:16	Tw_i_and_stray	63.500	53	43Bet And	2.0480	3300.0	127	6772	No
73	GOM_NL__2PRFIN20030617_051847_000000492017_00205_06772_6321.N1	17-JUN-2003 05:18:47	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	6772	No
74	GOM_NL__2PRFIN20030617_052525_000000812017_00205_06772_6322.N1	17-JUN-2003 05:25:25	Dark	81.000	140	88Gam Peg	2.8340	26000.	162	6772	No
75	GOM_NL__2PRFIN20030617_054553_000000682017_00206_06773_6302.N1	17-JUN-2003 05:45:53	Dark	68.000	18	24Alp PsA	1.1660	9700.0	136	6773	No
76	GOM_NL__2PRFIN20030617_054909_000000502017_00206_06773_6303.N1	17-JUN-2003 05:49:09	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	6773	No
77	GOM_NL__2PRFIN20030617_055254_000000412017_00206_06773_6304.N1	17-JUN-2003 05:52:54	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	6773	No
78	GOM_NL__2PRFIN20030617_060059_000000442017_00206_06773_6305.N1	17-JUN-2003 06:00:59	Tw_i_and_stray	44.000	40	The Sco	1.8590	7100.0	88	6773	No
79	GOM_NL__2PRFIN20030617_060242_000000442017_00206_06773_6306.N1	17-JUN-2003 06:02:42	Tw_i_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	6773	No
80	GOM_NL__2PRFIN20030617_060614_000000572017_00206_06773_6307.N1	17-JUN-2003 06:06:14	Bright	56.500	155	41Pi Sgr	2.9000	6600.0	113	6773	No
81	GOM_NL__2PRFIN20030617_060915_000000392017_00206_06773_6308.N1	17-JUN-2003 06:09:15	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	6773	No
82	GOM_NL__2PRFIN20030617_061059_000000382017_00206_06773_6656.N1	17-JUN-2003 06:10:59	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	6773	No
83	GOM_NL__2PRFIN20030617_061543_000000442017_00206_06773_6657.N1	17-JUN-2003 06:15:43	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	6773	No
84	GOM_NL__2PRFIN20030617_061813_000000452017_00206_06773_6658.N1	17-JUN-2003 06:18:13	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	6773	No
85	GOM_NL__2PRFIN20030617_062016_000000382017_00206_06773_6659.N1	17-JUN-2003 06:20:16	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6773	No
86	GOM_NL__2PRFIN20030617_062316_000000382017_00206_06773_6660.N1	17-JUN-2003 06:23:16	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	6773	No
87	GOM_NL__2PRFIN20030617_063002_000000412017_00206_06773_6661.N1	17-JUN-2003 06:30:02	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	6773	No
88	GOM_NL__2PRFIN20030617_063139_000000372017_00206_06773_6662.N1	17-JUN-2003 06:31:39	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	6773	No
89	GOM_NL__2PRFIN20030617_063946_000000362017_00206_06773_6663.N1	17-JUN-2003 06:39:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6773	No
90	GOM_NL__2PRFIN20030617_064653_000000462017_00206_06773_6664.N1	17-JUN-2003 06:46:53	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	6773	No
91	GOM_NL__2PRFIN20030617_064817_000000462017_00206_06773_6665.N1	17-JUN-2003 06:48:17	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6773	No
92	GOM_NL__2PRFIN20030617_065003_000000532017_00206_06773_6666.N1	17-JUN-2003 06:50:03	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6773	No
93	GOM_NL__2PRFIN20030617_065330_000000422017_00206_06773_6667.N1	17-JUN-2003 06:53:30	Bright	42.000	73	57Gam1And	2.2600	13100.	84	6773	No
94	GOM_NL__2PRFIN20030617_065552_000000632017_00206_06773_6668.N1	17-JUN-2003 06:55:52	Tw_i_and_stray	62.500	53	43Bet And	2.0480	3300.0	125	6773	No
95	GOM_NL__2PRFIN20030617_065924_000000502017_00206_06773_6669.N1	17-JUN-2003 06:59:24	Twilight	50.000	50	13Alp Ari	2.0070	4250.0	100	6773	No
96	GOM_NL__2PRFIN20030617_070602_000000832017_00206_06773_6670.N1	17-JUN-2003 07:06:02	Dark	82.500	140	88Gam Peg	2.8340	26000.	165	6773	No
97	GOM_NL__2PRFIN20030617_072631_000000722017_00207_06774_6272.N1	17-JUN-2003 07:26:31	Dark	72.000	18	24Alp PsA	1.1660	9700.0	144	6774	No
98	GOM_NL__2PRFIN20030617_072945_000000492017_00207_06774_6273.N1	17-JUN-2003 07:29:45	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	6774	No
99	GOM_NL__2PRFIN20030617_073330_000000452017_00207_06774_6274.N1	17-JUN-2003 07:33:30	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	6774	No
100	GOM_NL__2PRFIN20030617_074135_000000472017_00207_06774_6275.N1	17-JUN-2003 07:41:35	Tw_i_and_stray	46.500	40	The Sco	1.8590	7100.0	93	6774	No
101	GOM_NL__2PRFIN20030617_074318_000000472017_00207_06774_6276.N1	17-JUN-2003 07:43:18	Tw_i_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	6774	No

102	GOM_NL__2PRFIN20030617_074650_000000562017_00207_06774_6277.N1	17-JUN-2003 07:46:50	Bright	55.500	155	41Pi Sgr	2.9000	6600.0	111	6774	No
103	GOM_NL__2PRFIN20030617_074951_000000402017_00207_06774_6278.N1	17-JUN-2003 07:49:51	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	6774	No
104	GOM_NL__2PRFIN20030617_075135_000000372017_00207_06774_6279.N1	17-JUN-2003 07:51:35	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	6774	No
105	GOM_NL__2PRFIN20030617_075619_000000462017_00207_06774_6280.N1	17-JUN-2003 07:56:19	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	6774	No
106	GOM_NL__2PRFIN20030617_075849_000000452017_00207_06774_6281.N1	17-JUN-2003 07:58:49	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	6774	No
107	GOM_NL__2PRFIN20030617_080051_000000382017_00207_06774_6282.N1	17-JUN-2003 08:00:51	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6774	No
108	GOM_NL__2PRFIN20030617_080352_000000392017_00207_06774_6283.N1	17-JUN-2003 08:03:52	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6774	No
109	GOM_NL__2PRFIN20030617_081037_000000422017_00207_06774_6284.N1	17-JUN-2003 08:10:37	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	6774	No
110	GOM_NL__2PRFIN20030617_081215_000000392017_00207_06774_6285.N1	17-JUN-2003 08:12:15	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	6774	No
111	GOM_NL__2PRFIN20030617_082022_000000362017_00207_06774_6286.N1	17-JUN-2003 08:20:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	6774	No
112	GOM_NL__2PRFIN20030617_082729_000000452017_00207_06774_6287.N1	17-JUN-2003 08:27:29	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	6774	No
113	GOM_NL__2PRFIN20030617_082853_000000432017_00207_06774_6288.N1	17-JUN-2003 08:28:53	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	6774	No
114	GOM_NL__2PRFIN20030617_083038_000000352017_00207_06774_6289.N1	17-JUN-2003 08:30:38	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	6774	No
115	GOM_NL__2PRFIN20030617_083406_000000422017_00207_06774_6290.N1	17-JUN-2003 08:34:06	Bright	41.500	73	57Gam1And	2.2600	13100.	83	6774	No
116	GOM_NL__2PRFIN20030617_083627_000000582017_00207_06774_6291.N1	17-JUN-2003 08:36:27	Twilight	57.500	53	43Bet And	2.0480	3300.0	115	6774	No
117	GOM_NL__2PRFIN20030617_084000_000000492017_00207_06774_6292.N1	17-JUN-2003 08:40:00	Twilight	49.000	50	13Alp Ari	2.0070	4250.0	98	6774	No
118	GOM_NL__2PRFIN20030617_084640_000000832017_00207_06774_6293.N1	17-JUN-2003 08:46:40	Dark	82.500	140	88Gam Peg	2.8340	26000.	165	6774	No
119	GOM_NL__2PRFIN20030617_090709_000000712017_00208_06775_6274.N1	17-JUN-2003 09:07:09	Dark	71.000	18	24Alp PsA	1.1660	9700.0	142	6775	No
120	GOM_NL__2PRFIN20030617_091022_000000512017_00208_06775_6275.N1	17-JUN-2003 09:10:22	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	6775	No
121	GOM_NL__2PRFIN20030617_091407_000000432017_00208_06775_6276.N1	17-JUN-2003 09:14:07	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	6775	No
122	GOM_NL__2PRFIN20030617_092212_000000442017_00208_06775_6277.N1	17-JUN-2003 09:22:12	Twilight	43.500	40	The Sco	1.8590	7100.0	87	6775	No
123	GOM_NL__2PRFIN20030617_092354_000000442017_00208_06775_6278.N1	17-JUN-2003 09:23:54	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	6775	No
124	GOM_NL__2PRFIN20030617_092726_000000562017_00208_06775_6279.N1	17-JUN-2003 09:27:26	Bright	56.000	155	41Pi Sgr	2.9000	6600.0	112	6775	No
125	GOM_NL__2PRFIN20030617_093027_000000402017_00208_06775_6280.N1	17-JUN-2003 09:30:27	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	6775	No
126	GOM_NL__2PRFIN20030617_093211_000000372017_00208_06775_6281.N1	17-JUN-2003 09:32:11	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	6775	No
127	GOM_NL__2PRFIN20030617_093655_000000432017_00208_06775_6282.N1	17-JUN-2003 09:36:55	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6775	No
128	GOM_NL__2PRFIN20030617_093925_000000442017_00208_06775_6283.N1	17-JUN-2003 09:39:25	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	6775	No
129	GOM_NL__2PRFIN20030617_094127_000000392017_00208_06775_6284.N1	17-JUN-2003 09:41:27	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	6775	No
130	GOM_NL__2PRFIN20030617_094428_000000392017_00208_06775_6285.N1	17-JUN-2003 09:44:28	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6775	No
131	GOM_NL__2PRFIN20030617_095113_000000422017_00208_06775_6286.N1	17-JUN-2003 09:51:13	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	6775	No
132	GOM_NL__2PRFIN20030617_095251_000000382017_00208_06775_6287.N1	17-JUN-2003 09:52:51	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	6775	No
133	GOM_NL__2PRFIN20030617_100058_000000372017_00208_06775_6288.N1	17-JUN-2003 10:00:58	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6775	No
134	GOM_NL__2PRFIN20030617_100804_000000442017_00208_06775_6289.N1	17-JUN-2003 10:08:04	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	6775	No
135	GOM_NL__2PRFIN20030617_100928_000000462017_00208_06775_6290.N1	17-JUN-2003 10:09:28	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	6775	No
136	GOM_NL__2PRFIN20030617_101114_000000352017_00208_06775_6291.N1	17-JUN-2003 10:11:14	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	6775	No
137	GOM_NL__2PRFIN20030617_101441_000000432017_00208_06775_6292.N1	17-JUN-2003 10:14:41	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6775	No
138	GOM_NL__2PRFIN20030617_101703_000000612017_00208_06775_6293.N1	17-JUN-2003 10:17:03	Twilight	61.000	53	43Bet And	2.0480	3300.0	122	6775	No
139	GOM_NL__2PRFIN20030617_102036_000000482017_00208_06775_6294.N1	17-JUN-2003 10:20:36	Twilight	47.500	50	13Alp Ari	2.0070	4250.0	95	6775	No
140	GOM_NL__2PRFIN20030617_102717_000000822017_00208_06775_6295.N1	17-JUN-2003 10:27:17	Dark	81.500	140	88Gam Peg	2.8340	26000.	163	6775	No
141	GOM_NL__2PRFIN20030617_104746_000000782017_00209_06776_6276.N1	17-JUN-2003 10:47:46	Dark	78.000	18	24Alp PsA	1.1660	9700.0	156	6776	No
142	GOM_NL__2PRFIN20030617_105059_000000492017_00209_06776_6277.N1	17-JUN-2003 10:50:59	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	6776	No
143	GOM_NL__2PRFIN20030617_105443_000000452017_00209_06776_6278.N1	17-JUN-2003 10:54:43	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	6776	No
144	GOM_NL__2PRFIN20030617_110248_000000462017_00209_06776_6279.N1	17-JUN-2003 11:02:48	Twilight	45.500	40	The Sco	1.8590	7100.0	91	6776	No
145	GOM_NL__2PRFIN20030617_110430_000000462017_00209_06776_6280.N1	17-JUN-2003 11:04:30	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	6776	No
146	GOM_NL__2PRFIN20030617_110802_000000562017_00209_06776_6281.N1	17-JUN-2003 11:08:02	Bright	56.000	155	41Pi Sgr	2.9000	6600.0	112	6776	No
147	GOM_NL__2PRFIN20030617_111103_000000402017_00209_06776_6282.N1	17-JUN-2003 11:11:03	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	6776	No
148	GOM_NL__2PRFIN20030617_111247_000000382017_00209_06776_6283.N1	17-JUN-2003 11:12:47	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	6776	No
149	GOM_NL__2PRFIN20030617_111730_000000432017_00209_06776_6284.N1	17-JUN-2003 11:17:30	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6776	No
150	GOM_NL__2PRFIN20030617_112000_000000422017_00209_06776_6285.N1	17-JUN-2003 11:20:00	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	6776	No
151	GOM_NL__2PRFIN20030617_112203_000000362017_00209_06776_6286.N1	17-JUN-2003 11:22:03	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	6776	No
152	GOM_NL__2PRFIN20030617_112503_000000392017_00209_06776_6287.N1	17-JUN-2003 11:25:03	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	6776	No
153	GOM_NL__2PRFIN20030617_113148_000000422017_00209_06776_6288.N1	17-JUN-2003 11:31:48	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	6776	No
154	GOM_NL__2PRFIN20030617_113326_000000382017_00209_06776_6289.N1	17-JUN-2003 11:33:26	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	6776	No
155	GOM_NL__2PRFIN20030617_114134_000000372017_00209_06776_6290.N1	17-JUN-2003 11:41:34	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	6776	No
156	GOM_NL__2PRFIN20030617_114839_000000452017_00209_06776_6291.N1	17-JUN-2003 11:48:39	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	6776	No
157	GOM_NL__2PRFIN20030617_115004_000000462017_00209_06776_6292.N1	17-JUN-2003 11:50:04	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	6776	No
158	GOM_NL__2PRFIN20030617_115150_000000352017_00209_06776_6293.N1	17-JUN-2003 11:51:50	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	6776	No
159	GOM_NL__2PRFIN20030617_115517_000000442017_00209_06776_6294.N1	17-JUN-2003 11:55:17	Bright	43.500	73	57Gam1And	2.2600	13100.	87	6776	No
160	GOM_NL__2PRFIN20030617_115739_000000572017_00209_06776_6295.N1	17-JUN-2003 11:57:39	Twilight	57.000	53	43Bet And	2.0480	3300.0	114	6776	No

161	GOM_NL__2PRFIN20030617_120112_000000512017_00209_06776_6296.N1	17-JUN-2003 12:01:12	Twilight	51.000	50	13Alp Ari	2.0070	4250.0	102	6776	No
162	GOM_NL__2PRFIN20030617_120754_000000792017_00209_06776_6297.N1	17-JUN-2003 12:07:54	Dark	78.500	140	88Gam Peg	2.8340	26000.	157	6776	No
163	GOM_NL__2PRFIN20030617_122823_000000772017_00210_06777_6278.N1	17-JUN-2003 12:28:23	Dark	76.500	18	24Alp PsA	1.1660	9700.0	153	6777	No
164	GOM_NL__2PRFIN20030617_123136_000000522017_00210_06777_6279.N1	17-JUN-2003 12:31:36	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	6777	No
165	GOM_NL__2PRFIN20030617_123520_000000422017_00210_06777_6280.N1	17-JUN-2003 12:35:20	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	6777	No
166	GOM_NL__2PRFIN20030617_124324_000000452017_00210_06777_6281.N1	17-JUN-2003 12:43:24	Twilight_and_stray	45.000	40	The Sco	1.8590	7100.0	90	6777	No
167	GOM_NL__2PRFIN20030617_124506_000000442017_00210_06777_6282.N1	17-JUN-2003 12:45:06	Twilight_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	6777	No
168	GOM_NL__2PRFIN20030617_124838_000000562017_00210_06777_6283.N1	17-JUN-2003 12:48:38	Bright	56.000	155	41Pi Sgr	2.9000	6600.0	112	6777	No
169	GOM_NL__2PRFIN20030617_125138_000000402017_00210_06777_6284.N1	17-JUN-2003 12:51:38	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	6777	No
170	GOM_NL__2PRFIN20030617_125323_000000382017_00210_06777_6285.N1	17-JUN-2003 12:53:23	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	6777	No
171	GOM_NL__2PRFIN20030617_125806_000000442017_00210_06777_6286.N1	17-JUN-2003 12:58:06	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	6777	No
172	GOM_NL__2PRFIN20030617_130035_000000442017_00210_06777_6287.N1	17-JUN-2003 13:00:35	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	6777	No
173	GOM_NL__2PRFIN20030617_130239_000000362017_00210_06777_6288.N1	17-JUN-2003 13:02:39	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	6777	No
174	GOM_NL__2PRFIN20030617_130539_000000382017_00210_06777_6289.N1	17-JUN-2003 13:05:39	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	6777	No
175	GOM_NL__2PRFIN20030617_131224_000000402017_00210_06777_6290.N1	17-JUN-2003 13:12:24	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	6777	No
176	GOM_NL__2PRFIN20030617_131402_000000392017_00210_06777_6291.N1	17-JUN-2003 13:14:02	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	6777	No
177	GOM_NL__2PRFIN20030617_132209_000000372017_00210_06777_6292.N1	17-JUN-2003 13:22:09	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6777	No
178	GOM_NL__2PRFIN20030617_132915_000000462017_00210_06777_6293.N1	17-JUN-2003 13:29:15	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	6777	No
179	GOM_NL__2PRFIN20030617_133039_000000462017_00210_06777_6294.N1	17-JUN-2003 13:30:39	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	6777	No
180	GOM_NL__2PRFIN20030617_133226_000000352017_00210_06777_6295.N1	17-JUN-2003 13:32:26	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	6777	No
181	GOM_NL__2PRFIN20030617_133553_000000422017_00210_06777_6296.N1	17-JUN-2003 13:35:53	Bright	42.000	73	57Gam1And	2.2600	13100.	84	6777	No
182	GOM_NL__2PRFIN20030617_133815_000000632017_00210_06777_6297.N1	17-JUN-2003 13:38:15	Twilight_and_stray	63.000	53	43Bet And	2.0480	3300.0	126	6777	No
183	GOM_NL__2PRFIN20030617_134148_000000492017_00210_06777_6298.N1	17-JUN-2003 13:41:48	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	6777	No
184	GOM_NL__2PRFIN20030617_134831_000000792017_00210_06777_6299.N1	17-JUN-2003 13:48:31	Dark	79.000	140	88Gam Peg	2.8340	26000.	158	6777	No
185	GOM_NL__2PRFIN20030617_140900_000000742017_00211_06778_6029.N1	17-JUN-2003 14:09:00	Dark	73.500	18	24Alp PsA	1.1660	9700.0	147	6778	No
186	GOM_NL__2PRFIN20030617_141213_000000512017_00211_06778_6030.N1	17-JUN-2003 14:12:13	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	6778	No
187	GOM_NL__2PRFIN20030617_141556_000000452017_00211_06778_6031.N1	17-JUN-2003 14:15:56	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	6778	No
188	GOM_NL__2PRFIN20030617_142400_000000442017_00211_06778_6032.N1	17-JUN-2003 14:24:00	Twilight_and_stray	43.500	40	The Sco	1.8590	7100.0	87	6778	No
189	GOM_NL__2PRFIN20030617_142542_000000452017_00211_06778_6033.N1	17-JUN-2003 14:25:42	Twilight_and_stray	45.000	25	35Lam Sco	1.6200	28000.	90	6778	No
190	GOM_NL__2PRFIN20030617_142914_000000562017_00211_06778_6034.N1	17-JUN-2003 14:29:14	Bright	56.000	155	41Pi Sgr	2.9000	6600.0	112	6778	No
191	GOM_NL__2PRFIN20030617_143214_000000412017_00211_06778_6035.N1	17-JUN-2003 14:32:14	Bright	40.500	86	35Eta Oph	2.4300	10200.	81	6778	No
192	GOM_NL__2PRFIN20030617_143359_000000382017_00211_06778_6036.N1	17-JUN-2003 14:33:59	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	6778	No
193	GOM_NL__2PRFIN20030617_143841_000000442017_00211_06778_6037.N1	17-JUN-2003 14:38:41	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	6778	No
194	GOM_NL__2PRFIN20030617_144111_000000432017_00211_06778_6038.N1	17-JUN-2003 14:41:11	Bright	42.500	59	55Alp Oph	2.0800	8900.0	85	6778	No
195	GOM_NL__2PRFIN20030617_144314_000000372017_00211_06778_6039.N1	17-JUN-2003 14:43:14	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	6778	No
196	GOM_NL__2PRFIN20030617_144615_000000392017_00211_06778_6040.N1	17-JUN-2003 14:46:15	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6778	No
197	GOM_NL__2PRFIN20030617_145300_000000412017_00211_06778_6041.N1	17-JUN-2003 14:53:00	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	6778	No
198	GOM_NL__2PRFIN20030617_145439_000000372017_00211_06778_6042.N1	17-JUN-2003 14:54:39	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	6778	No
199	GOM_NL__2PRFIN20030617_150246_000000342017_00211_06778_6043.N1	17-JUN-2003 15:02:46	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	6778	No
200	GOM_NL__2PRFIN20030617_150951_000000442017_00211_06778_6044.N1	17-JUN-2003 15:09:51	Bright	43.500	74	11Bet Cas	2.2680	6600.0	87	6778	No
201	GOM_NL__2PRFIN20030617_151116_000000462017_00211_06778_6045.N1	17-JUN-2003 15:11:16	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6778	No
202	GOM_NL__2PRFIN20030617_151303_000000522017_00211_06778_6046.N1	17-JUN-2003 15:13:03	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	6778	No
203	GOM_NL__2PRFIN20030617_151630_000000422017_00211_06778_6047.N1	17-JUN-2003 15:16:30	Bright	41.500	73	57Gam1And	2.2600	13100.	83	6778	No
204	GOM_NL__2PRFIN20030617_151852_000000662017_00211_06778_6048.N1	17-JUN-2003 15:18:52	Twilight_and_stray	66.000	53	43Bet And	2.0480	3300.0	132	6778	No
205	GOM_NL__2PRFIN20030617_152225_000000482017_00211_06778_6049.N1	17-JUN-2003 15:22:25	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	6778	No
206	GOM_NL__2PRFIN20030617_152909_000000802017_00211_06778_6050.N1	17-JUN-2003 15:29:09	Dark	79.500	140	88Gam Peg	2.8340	26000.	159	6778	No
207	GOM_NL__2PRFIN20030617_173017_000000712017_00213_06780_5407.N1	17-JUN-2003 17:30:17	Dark	70.500	18	24Alp PsA	1.1660	9700.0	141	6780	No
208	GOM_NL__2PRFIN20030617_173327_000000502017_00213_06780_5408.N1	17-JUN-2003 17:33:27	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	6780	No
209	GOM_NL__2PRFIN20030617_173710_000000422017_00213_06780_5409.N1	17-JUN-2003 17:37:10	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	6780	No
210	GOM_NL__2PRFIN20030617_174513_000000462017_00213_06780_5410.N1	17-JUN-2003 17:45:13	Twilight_and_stray	46.000	40	The Sco	1.8590	7100.0	92	6780	No
211	GOM_NL__2PRFIN20030617_174655_000000432017_00213_06780_5411.N1	17-JUN-2003 17:46:55	Twilight_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	6780	No
212	GOM_NL__2PRFIN20030617_175027_000000562017_00213_06780_5412.N1	17-JUN-2003 17:50:27	Bright	56.000	155	41Pi Sgr	2.9000	6600.0	112	6780	No
213	GOM_NL__2PRFIN20030617_175327_000000402017_00213_06780_5413.N1	17-JUN-2003 17:53:27	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	6780	No
214	GOM_NL__2PRFIN20030617_175511_000000382017_00213_06780_5414.N1	17-JUN-2003 17:55:11	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	6780	No
215	GOM_NL__2PRFIN20030617_175953_000000442017_00213_06780_5415.N1	17-JUN-2003 17:59:53	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	6780	No
216	GOM_NL__2PRFIN20030617_180223_000000442017_00213_06780_5416.N1	17-JUN-2003 18:02:23	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	6780	No
217	GOM_NL__2PRFIN20030617_180427_000000392017_00213_06780_5417.N1	17-JUN-2003 18:04:27	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	6780	No
218	GOM_NL__2PRFIN20030617_180727_000000392017_00213_06780_5418.N1	17-JUN-2003 18:07:27	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6780	No
219	GOM_NL__2PRFIN20030617_181411_000000412017_00213_06780_5419.N1	17-JUN-2003 18:14:11	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	6780	No

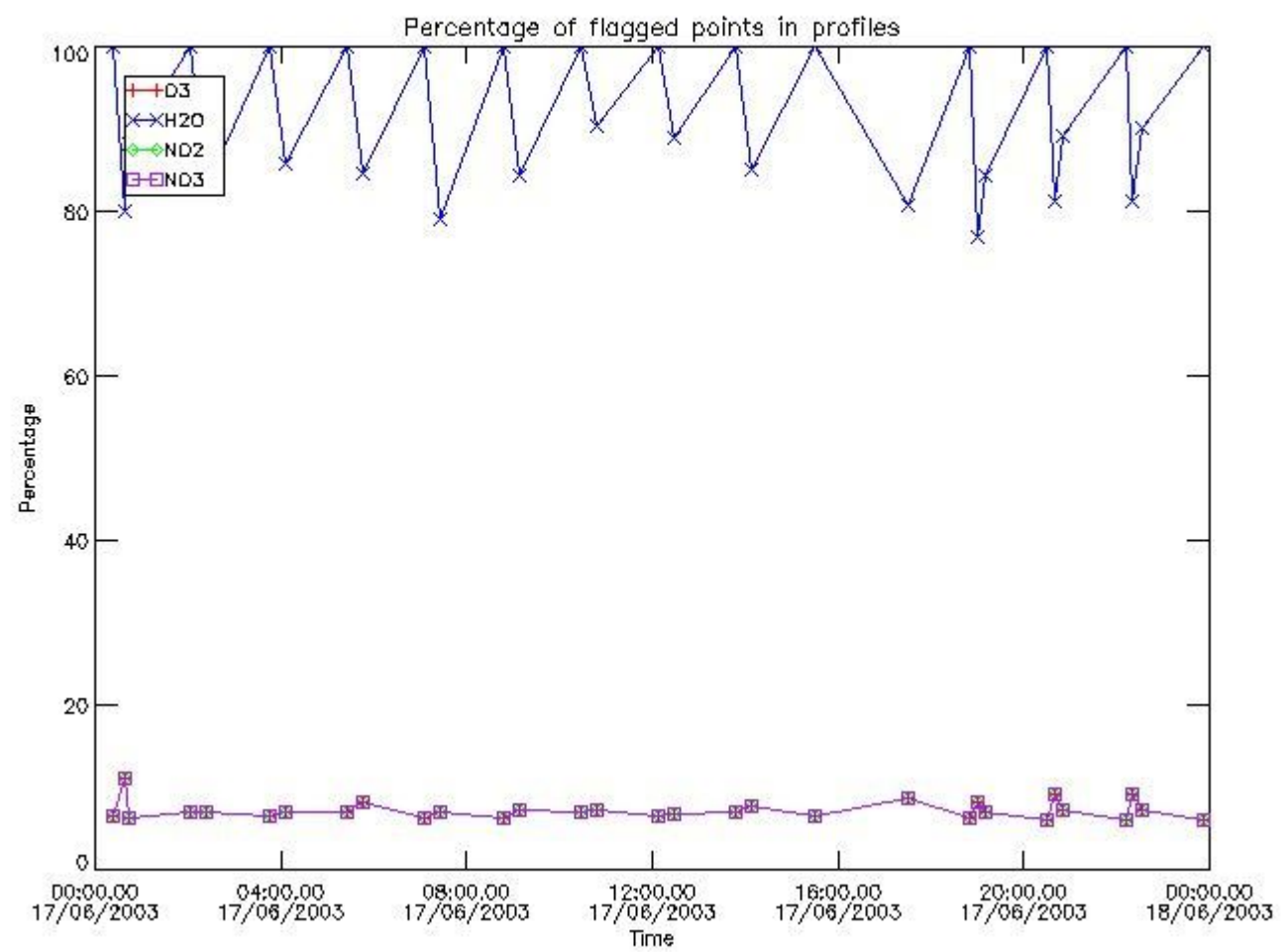
220	GOM_NL__2PRFIN20030617_181550_000000372017_00213_06780_5420.N1	17-JUN-2003 18:15:50	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	6780	No
221	GOM_NL__2PRFIN20030617_182358_000000372017_00213_06780_5421.N1	17-JUN-2003 18:23:58	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6780	No
222	GOM_NL__2PRFIN20030617_183102_000000472017_00213_06780_5422.N1	17-JUN-2003 18:31:02	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	6780	No
223	GOM_NL__2PRFIN20030617_183227_000000462017_00213_06780_5423.N1	17-JUN-2003 18:32:27	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6780	No
224	GOM_NL__2PRFIN20030617_183414_000000532017_00213_06780_5424.N1	17-JUN-2003 18:34:14	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6780	No
225	GOM_NL__2PRFIN20030617_183741_000000432017_00213_06780_5425.N1	17-JUN-2003 18:37:41	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6780	No
226	GOM_NL__2PRFIN20030617_184004_000000632017_00213_06780_5426.N1	17-JUN-2003 18:40:04	Twilight	63.000	53	43Bet And	2.0480	3300.0	126	6780	No
227	GOM_NL__2PRFIN20030617_184337_000000492017_00213_06780_5427.N1	17-JUN-2003 18:43:37	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	6780	No
228	GOM_NL__2PRFIN20030617_185023_000000812017_00213_06780_5428.N1	17-JUN-2003 18:50:23	Dark	80.500	140	88Gam Peg	2.8340	26000.	161	6780	No
229	GOM_NL__2PRFIN20030617_185937_000000632017_00213_06780_5429.N1	17-JUN-2003 18:59:37	Dark	63.000	52	16Bet Cet	2.0370	4500.0	126	6780	No
230	GOM_NL__2PRFIN20030617_191055_000000742017_00214_06781_6293.N1	17-JUN-2003 19:10:55	Dark	74.000	18	24Alp PsA	1.1660	9700.0	148	6781	No
231	GOM_NL__2PRFIN20030617_191404_000000502017_00214_06781_6294.N1	17-JUN-2003 19:14:04	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	6781	No
232	GOM_NL__2PRFIN20030617_191746_000000432017_00214_06781_6295.N1	17-JUN-2003 19:17:46	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	6781	No
233	GOM_NL__2PRFIN20030617_192549_000000442017_00214_06781_6296.N1	17-JUN-2003 19:25:49	Twilight	44.000	40	The Sco	1.8590	7100.0	88	6781	No
234	GOM_NL__2PRFIN20030617_192732_000000452017_00214_06781_6297.N1	17-JUN-2003 19:27:32	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	6781	No
235	GOM_NL__2PRFIN20030617_193104_000000562017_00214_06781_6298.N1	17-JUN-2003 19:31:04	Bright	55.500	155	41Pi Sgr	2.9000	6600.0	111	6781	No
236	GOM_NL__2PRFIN20030617_193404_000000392017_00214_06781_6299.N1	17-JUN-2003 19:34:04	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	6781	No
237	GOM_NL__2PRFIN20030617_193548_000000372017_00214_06781_6300.N1	17-JUN-2003 19:35:48	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	6781	No
238	GOM_NL__2PRFIN20030617_194029_000000442017_00214_06781_6301.N1	17-JUN-2003 19:40:29	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	6781	No
239	GOM_NL__2PRFIN20030617_194259_000000432017_00214_06781_6302.N1	17-JUN-2003 19:42:59	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	6781	No
240	GOM_NL__2PRFIN20030617_194503_000000382017_00214_06781_6303.N1	17-JUN-2003 19:45:03	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6781	No
241	GOM_NL__2PRFIN20030617_194803_000000382017_00214_06781_6304.N1	17-JUN-2003 19:48:03	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	6781	No
242	GOM_NL__2PRFIN20030617_195447_000000422017_00214_06781_6305.N1	17-JUN-2003 19:54:47	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	6781	No
243	GOM_NL__2PRFIN20030617_195626_000000382017_00214_06781_6306.N1	17-JUN-2003 19:56:26	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	6781	No
244	GOM_NL__2PRFIN20030617_200434_000000362017_00214_06781_6307.N1	17-JUN-2003 20:04:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6781	No
245	GOM_NL__2PRFIN20030617_201138_000000652017_00214_06781_6308.N1	17-JUN-2003 20:11:38	Bright	65.000	74	11Bet Cas	2.2680	6600.0	130	6781	No
246	GOM_NL__2PRFIN20030617_201303_000000462017_00214_06781_6309.N1	17-JUN-2003 20:13:03	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	6781	No
247	GOM_NL__2PRFIN20030617_201451_000000352017_00214_06781_6310.N1	17-JUN-2003 20:14:51	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	6781	No
248	GOM_NL__2PRFIN20030617_201818_000000572017_00214_06781_6311.N1	17-JUN-2003 20:18:18	Bright	57.000	73	57Gam1And	2.2600	13100.	114	6781	No
249	GOM_NL__2PRFIN20030617_202040_000000632017_00214_06781_6312.N1	17-JUN-2003 20:20:40	Twilight	63.000	53	43Bet And	2.0480	3300.0	126	6781	No
250	GOM_NL__2PRFIN20030617_202413_000000462017_00214_06781_6313.N1	17-JUN-2003 20:24:13	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	6781	No
251	GOM_NL__2PRFIN20030617_203100_000000872017_00214_06781_6314.N1	17-JUN-2003 20:31:00	Dark	86.500	140	88Gam Peg	2.8340	26000.	173	6781	No
252	GOM_NL__2PRFIN20030617_204014_000000562017_00214_06781_6315.N1	17-JUN-2003 20:40:14	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	6781	No
253	GOM_NL__2PRFIN20030617_205133_000000702017_00215_06782_6295.N1	17-JUN-2003 20:51:33	Dark	70.000	18	24Alp PsA	1.1660	9700.0	140	6782	No
254	GOM_NL__2PRFIN20030617_205441_000000542017_00215_06782_6296.N1	17-JUN-2003 20:54:41	Straylight	53.500	31	Alp Gru	1.7340	15200.	107	6782	No
255	GOM_NL__2PRFIN20030617_205823_000000502017_00215_06782_6297.N1	17-JUN-2003 20:58:23	Straylight	50.000	45	Alp Pav	1.9400	26000.	100	6782	No
256	GOM_NL__2PRFIN20030617_210626_000000442017_00215_06782_6298.N1	17-JUN-2003 21:06:26	Twilight	44.000	40	The Sco	1.8590	7100.0	88	6782	No
257	GOM_NL__2PRFIN20030617_210808_000000442017_00215_06782_6299.N1	17-JUN-2003 21:08:08	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	6782	No
258	GOM_NL__2PRFIN20030617_211140_000000562017_00215_06782_6300.N1	17-JUN-2003 21:11:40	Bright	56.000	155	41Pi Sgr	2.9000	6600.0	112	6782	No
259	GOM_NL__2PRFIN20030617_211439_000000402017_00215_06782_6301.N1	17-JUN-2003 21:14:39	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	6782	No
260	GOM_NL__2PRFIN20030617_211624_000000372017_00215_06782_6302.N1	17-JUN-2003 21:16:24	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	6782	No
261	GOM_NL__2PRFIN20030617_212105_000000432017_00215_06782_6303.N1	17-JUN-2003 21:21:05	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6782	No
262	GOM_NL__2PRFIN20030617_212335_000000422017_00215_06782_6304.N1	17-JUN-2003 21:23:35	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	6782	No
263	GOM_NL__2PRFIN20030617_212539_000000382017_00215_06782_6305.N1	17-JUN-2003 21:25:39	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6782	No
264	GOM_NL__2PRFIN20030617_212838_000000382017_00215_06782_6306.N1	17-JUN-2003 21:28:38	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	6782	No
265	GOM_NL__2PRFIN20030617_213522_000000412017_00215_06782_6307.N1	17-JUN-2003 21:35:22	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	6782	No
266	GOM_NL__2PRFIN20030617_213702_000000392017_00215_06782_6308.N1	17-JUN-2003 21:37:02	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	6782	No
267	GOM_NL__2PRFIN20030617_214510_000000372017_00215_06782_6309.N1	17-JUN-2003 21:45:10	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	6782	No
268	GOM_NL__2PRFIN20030617_215213_000000452017_00215_06782_6310.N1	17-JUN-2003 21:52:13	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	6782	No
269	GOM_NL__2PRFIN20030617_215338_000000452017_00215_06782_6311.N1	17-JUN-2003 21:53:38	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	6782	No
270	GOM_NL__2PRFIN20030617_215527_000000352017_00215_06782_6312.N1	17-JUN-2003 21:55:27	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	6782	No
271	GOM_NL__2PRFIN20030617_215854_000000422017_00215_06782_6313.N1	17-JUN-2003 21:58:54	Bright	42.000	73	57Gam1And	2.2600	13100.	84	6782	No
272	GOM_NL__2PRFIN20030617_220116_000000552017_00215_06782_6314.N1	17-JUN-2003 22:01:16	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	6782	No
273	GOM_NL__2PRFIN20030617_220449_000000462017_00215_06782_6315.N1	17-JUN-2003 22:04:49	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	6782	No
274	GOM_NL__2PRFIN20030617_221137_000000862017_00215_06782_6316.N1	17-JUN-2003 22:11:37	Dark	85.500	140	88Gam Peg	2.8340	26000.	171	6782	No
275	GOM_NL__2PRFIN20030617_222051_000000562017_00215_06782_6317.N1	17-JUN-2003 22:20:51	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	6782	No
276	GOM_NL__2PRFIN20030617_223210_000000712017_00216_06783_6332.N1	17-JUN-2003 22:32:10	Dark	70.500	18	24Alp PsA	1.1660	9700.0	141	6783	No
277	GOM_NL__2PRFIN20030617_223518_000000512017_00216_06783_6333.N1	17-JUN-2003 22:35:18	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	6783	No
278	GOM_NL__2PRFIN20030617_223859_000000422017_00216_06783_6334.N1	17-JUN-2003 22:38:59	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	6783	No

279	GOM_NL__2PRFIN20030617_224702_000000412017_00216_06783_6335.N1	17-JUN-2003 22:47:02	Twilight	41.000	40	The Sco	1.8590	7100.0	82	6783	No
280	GOM_NL__2PRFIN20030617_224844_000000432017_00216_06783_6336.N1	17-JUN-2003 22:48:44	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	6783	No
281	GOM_NL__2PRFIN20030617_225216_000000572017_00216_06783_6337.N1	17-JUN-2003 22:52:16	Bright	56.500	155	41Pi Sgr	2.9000	6600.0	113	6783	No
282	GOM_NL__2PRFIN20030617_225516_000000392017_00216_06783_6338.N1	17-JUN-2003 22:55:16	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	6783	No
283	GOM_NL__2PRFIN20030617_225700_000000372017_00216_06783_6339.N1	17-JUN-2003 22:57:00	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	6783	No
284	GOM_NL__2PRFIN20030617_230141_000000432017_00216_06783_6340.N1	17-JUN-2003 23:01:41	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6783	No
285	GOM_NL__2PRFIN20030617_230410_000000442017_00216_06783_6341.N1	17-JUN-2003 23:04:10	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	6783	No
286	GOM_NL__2PRFIN20030617_230614_000000372017_00216_06783_6342.N1	17-JUN-2003 23:06:14	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	6783	No
287	GOM_NL__2PRFIN20030617_230914_000000372017_00216_06783_6343.N1	17-JUN-2003 23:09:14	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	6783	No
288	GOM_NL__2PRFIN20030617_231558_000000402017_00216_06783_6344.N1	17-JUN-2003 23:15:58	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	6783	No
289	GOM_NL__2PRFIN20030617_231738_000000382017_00216_06783_6345.N1	17-JUN-2003 23:17:38	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	6783	No
290	GOM_NL__2PRFIN20030617_232546_000000362017_00216_06783_6346.N1	17-JUN-2003 23:25:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6783	No
291	GOM_NL__2PRFIN20030617_233249_000000452017_00216_06783_6347.N1	17-JUN-2003 23:32:49	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	6783	No
292	GOM_NL__2PRFIN20030617_233414_000000462017_00216_06783_6348.N1	17-JUN-2003 23:34:14	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6783	No
293	GOM_NL__2PRFIN20030617_233603_000000502017_00216_06783_6349.N1	17-JUN-2003 23:36:03	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	6783	No
294	GOM_NL__2PRFIN20030617_233930_000000432017_00216_06783_6350.N1	17-JUN-2003 23:39:30	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6783	No
295	GOM_NL__2PRFIN20030617_234152_000000592017_00216_06783_6351.N1	17-JUN-2003 23:41:52	Twilight	59.000	53	43Bet And	2.0480	3300.0	118	6783	No
296	GOM_NL__2PRFIN20030617_234525_000000482017_00216_06783_6352.N1	17-JUN-2003 23:45:25	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	6783	No
297	GOM_NL__2PRFIN20030617_235214_000000842017_00216_06783_6353.N1	17-JUN-2003 23:52:14	Dark	84.000	140	88Gam Peg	2.8340	26000.	168	6783	No

3. Quality information per product

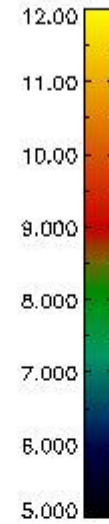
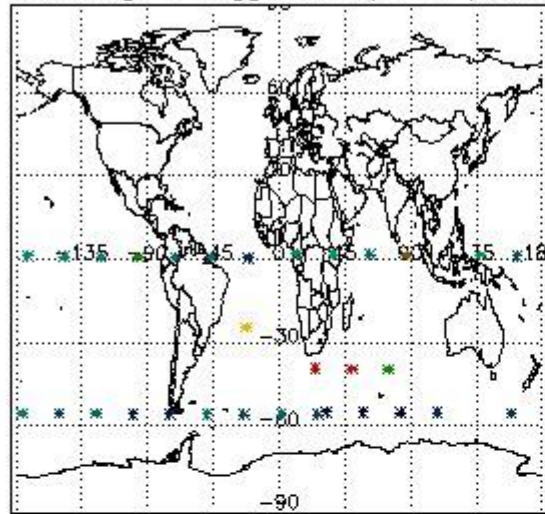
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

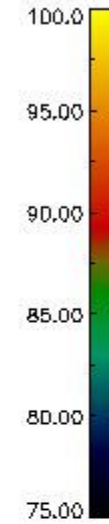
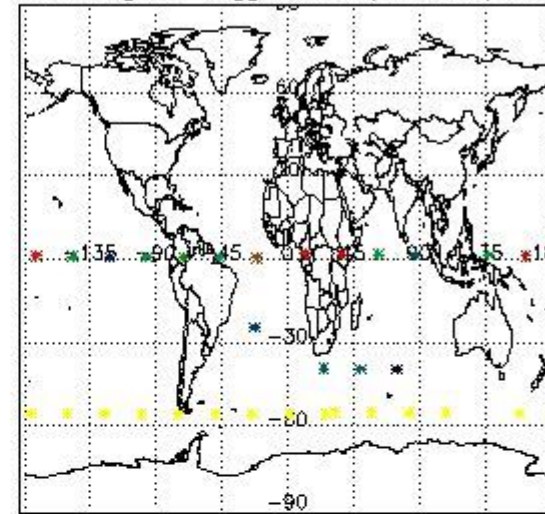


3.2 Plot quality information per product (world map)

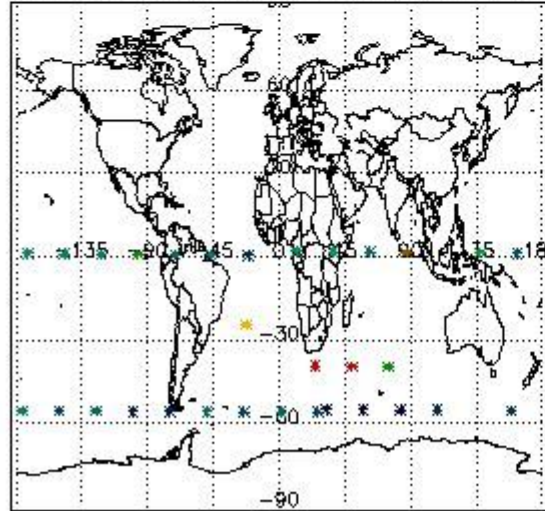
Percentage of flagged data per O3 profile



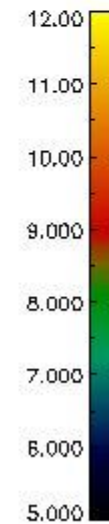
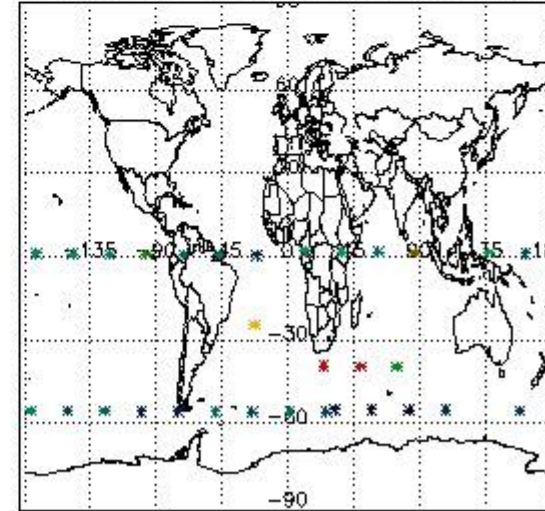
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

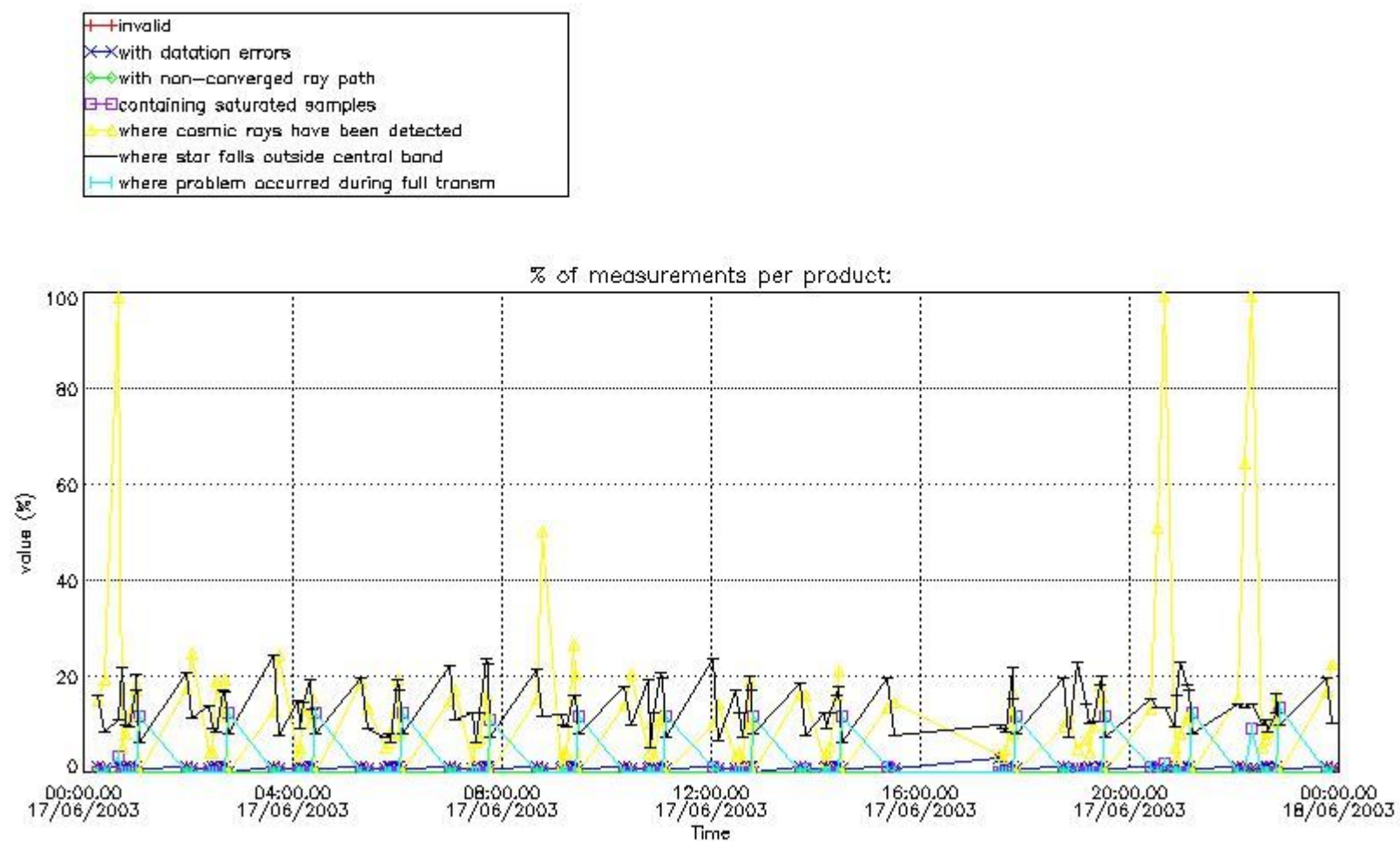


4. Level 1 quality information per product

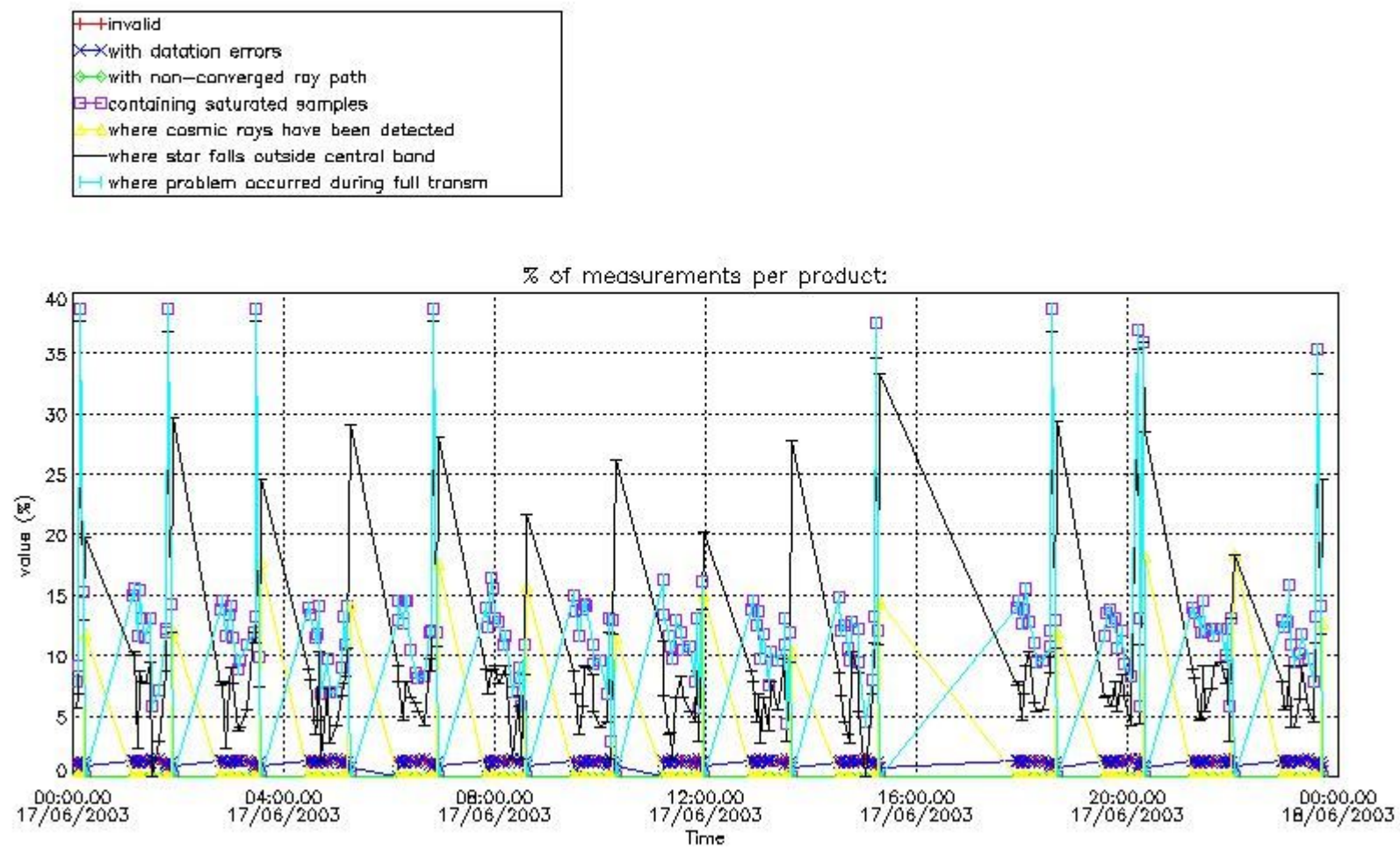
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

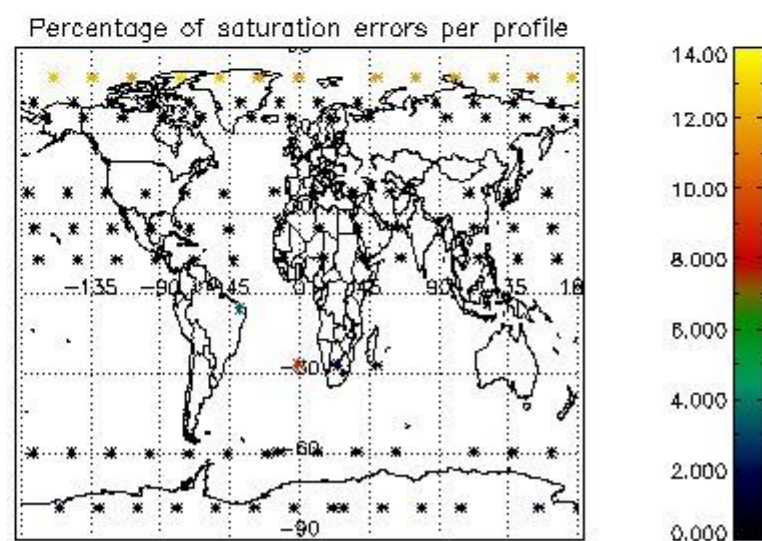
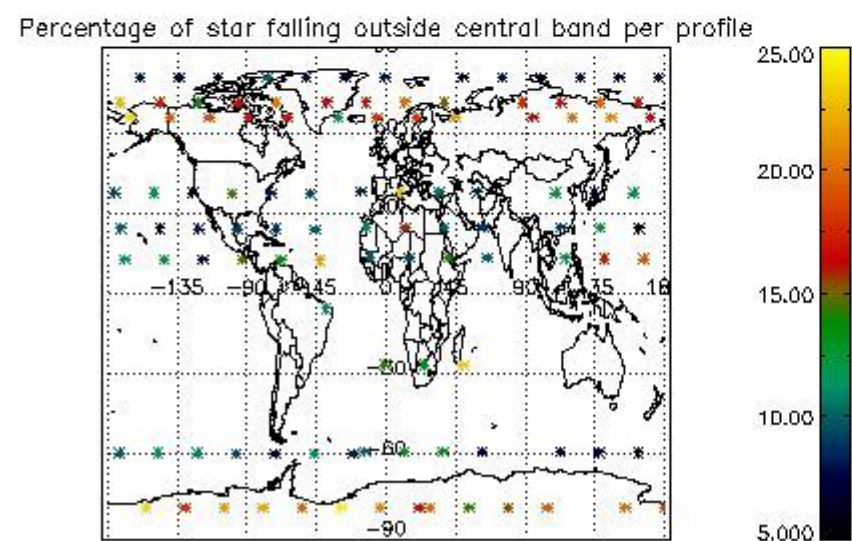
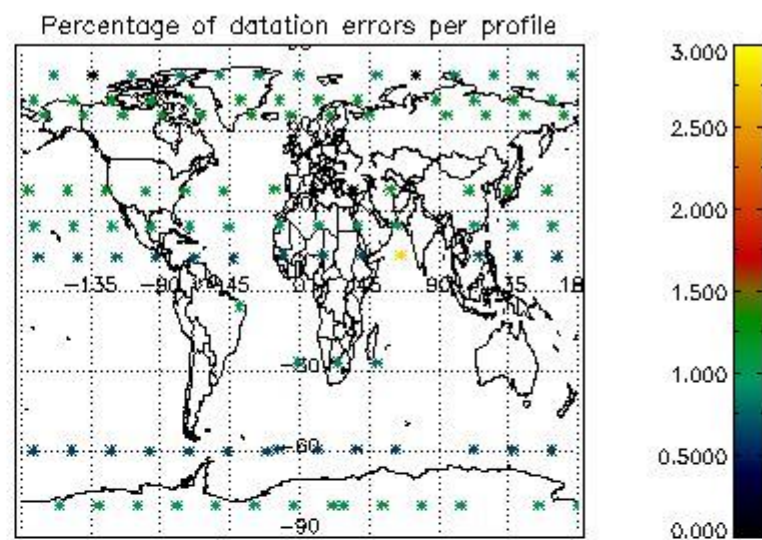
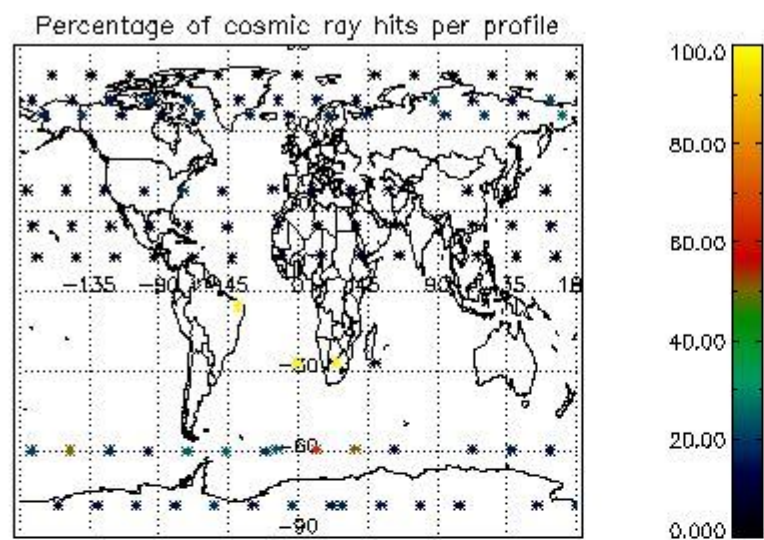


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

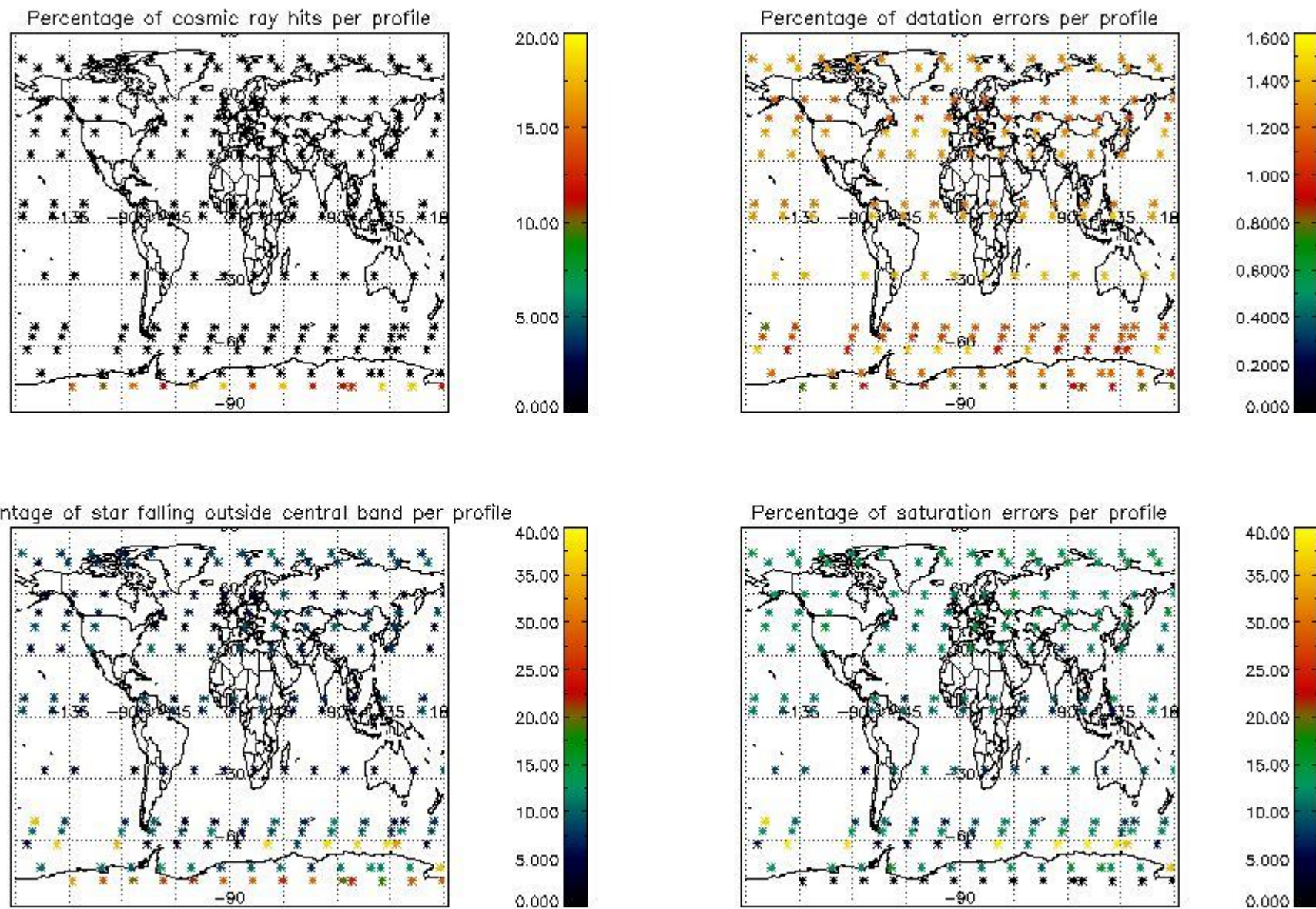


4.2 Plot quality information per product coming from level 1b processing (world map)

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

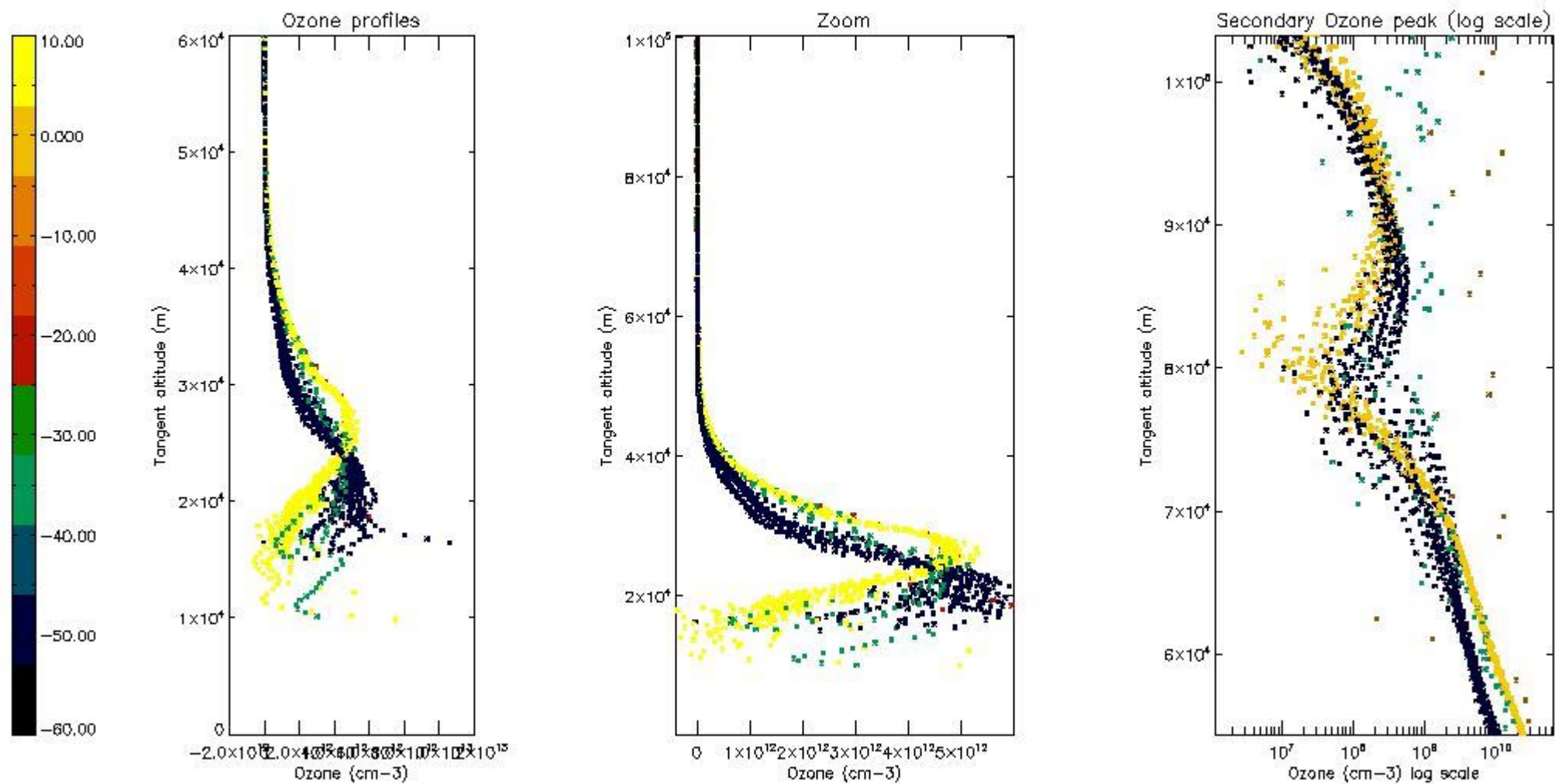
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	12

STD < 10	10
STD < 5	8

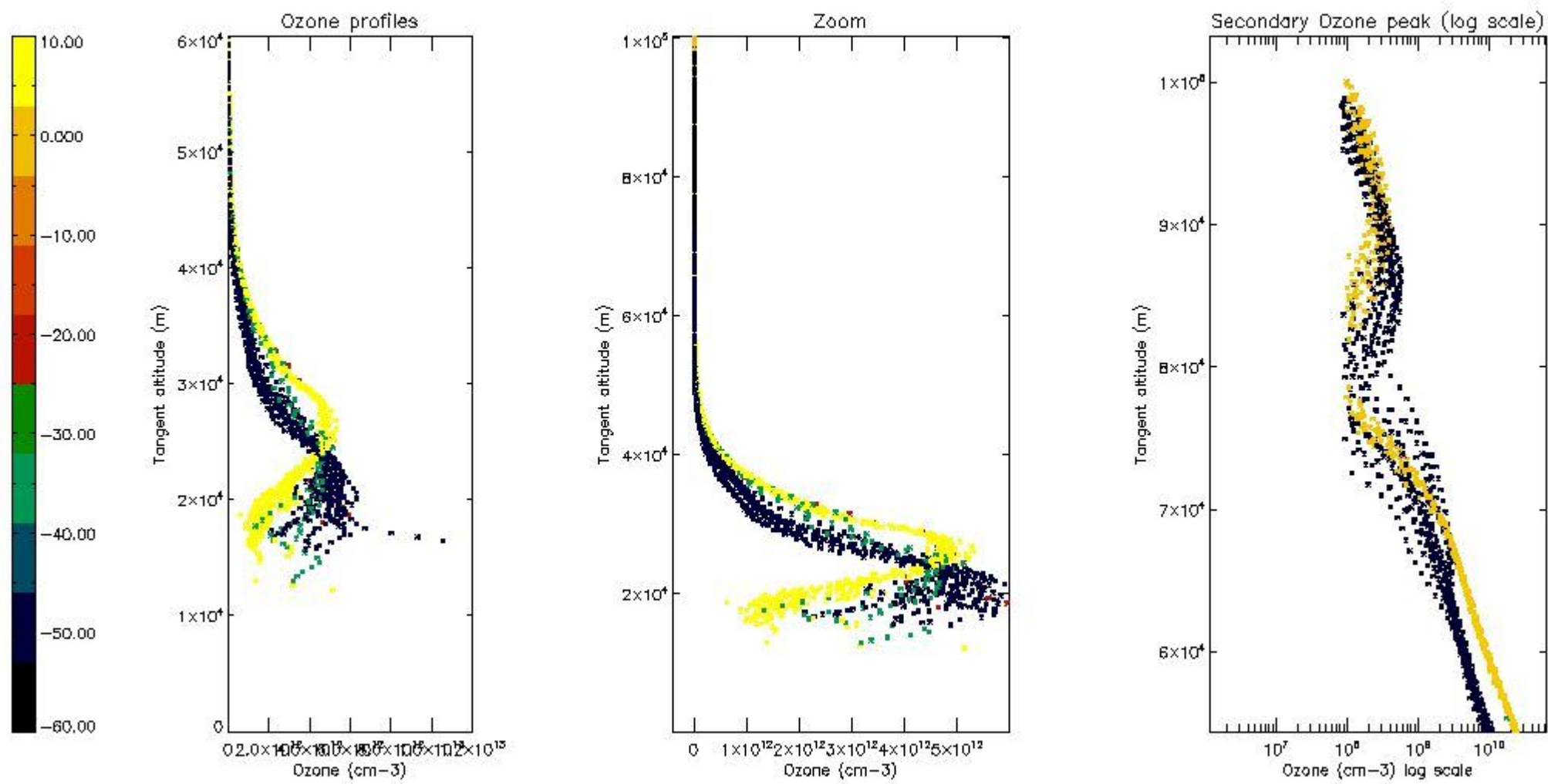
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



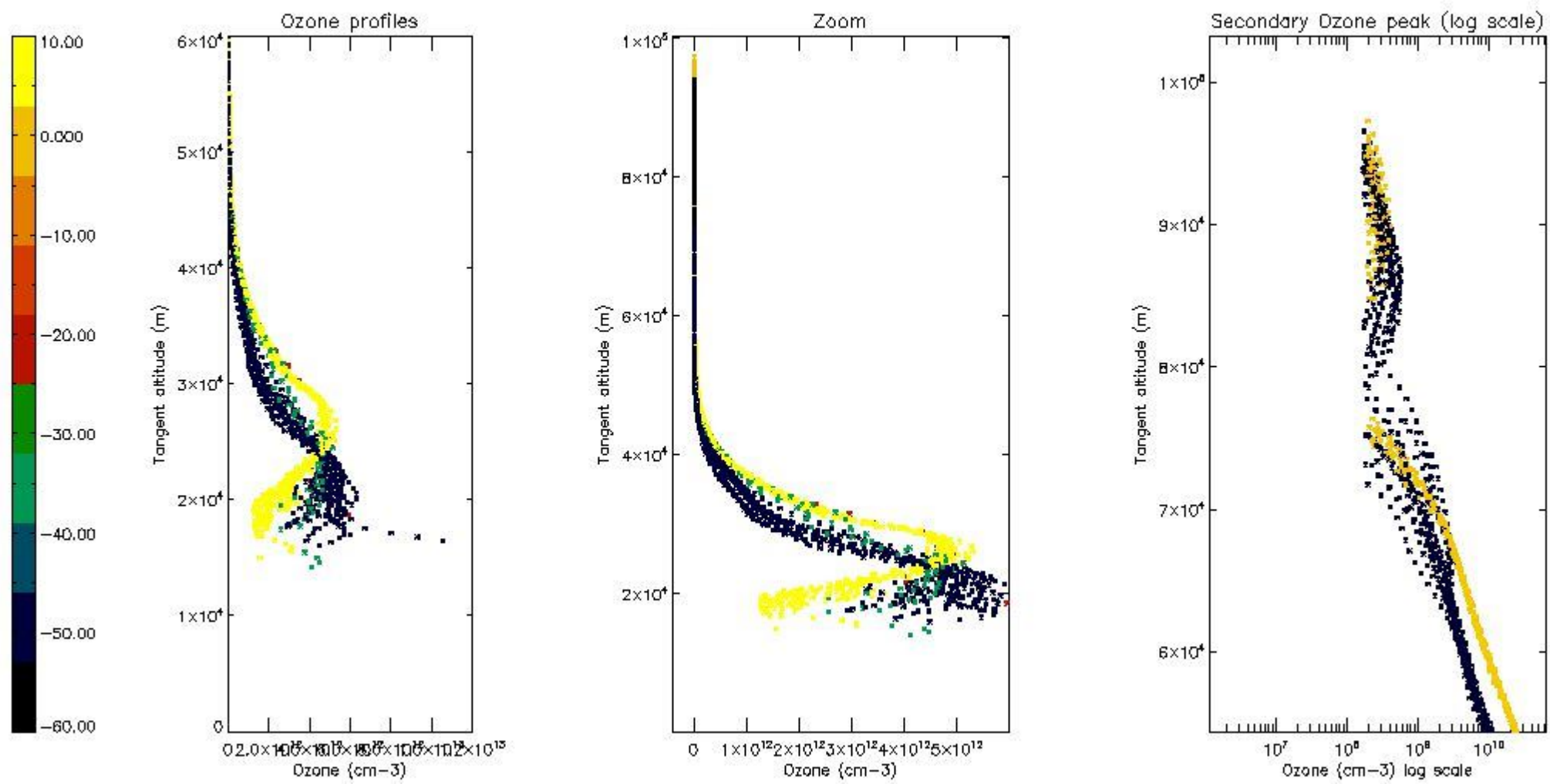
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



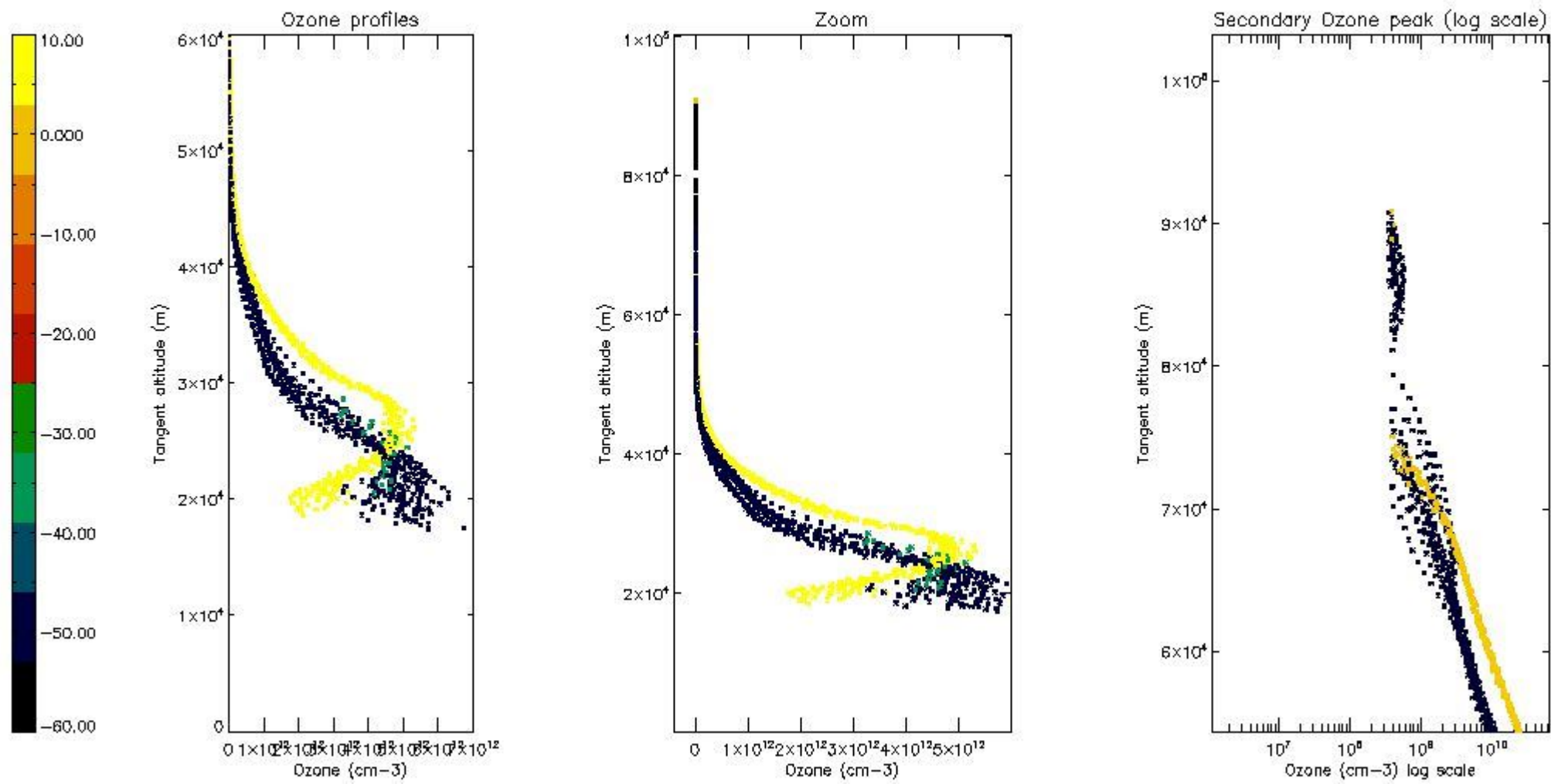
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



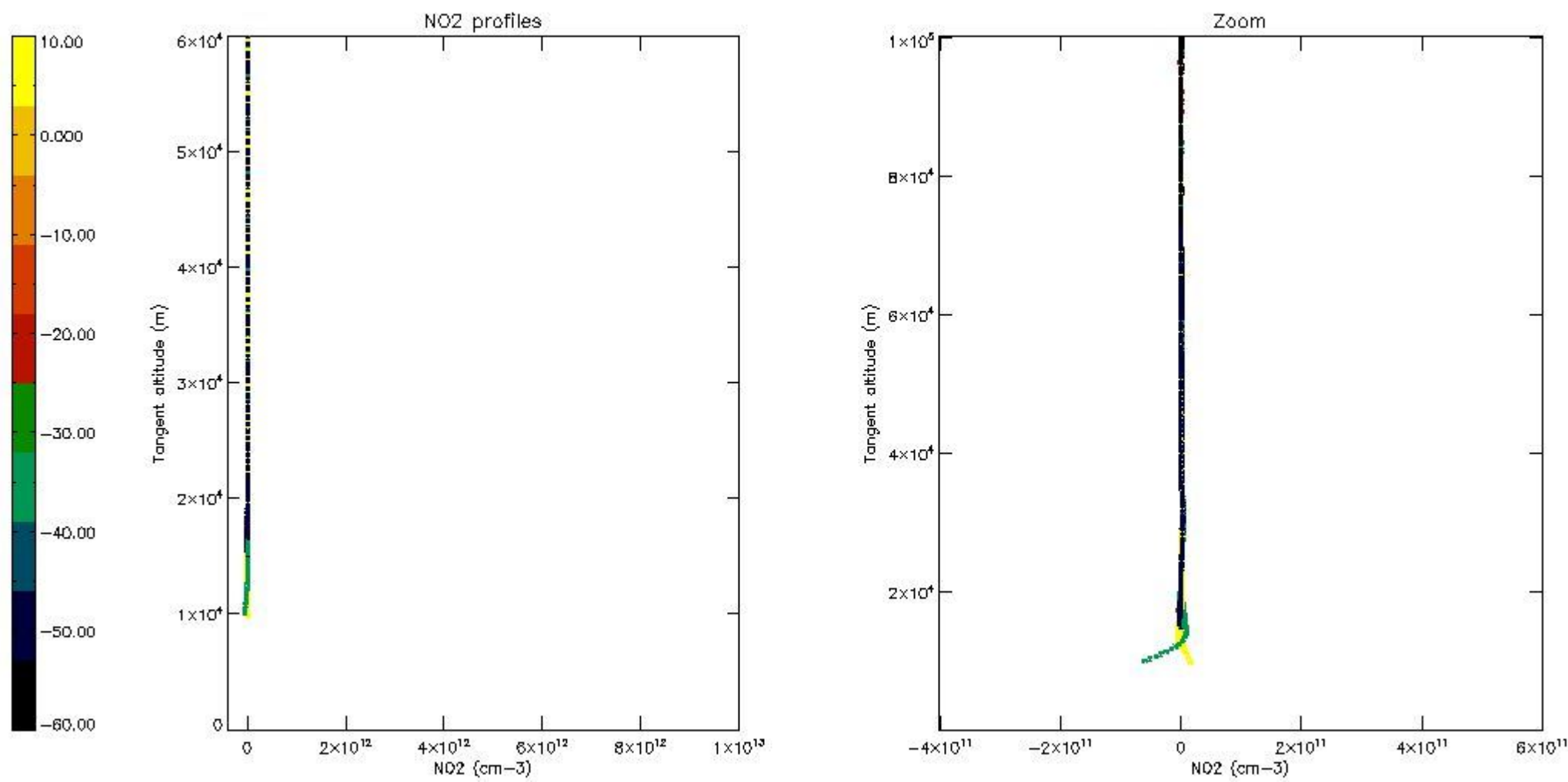
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



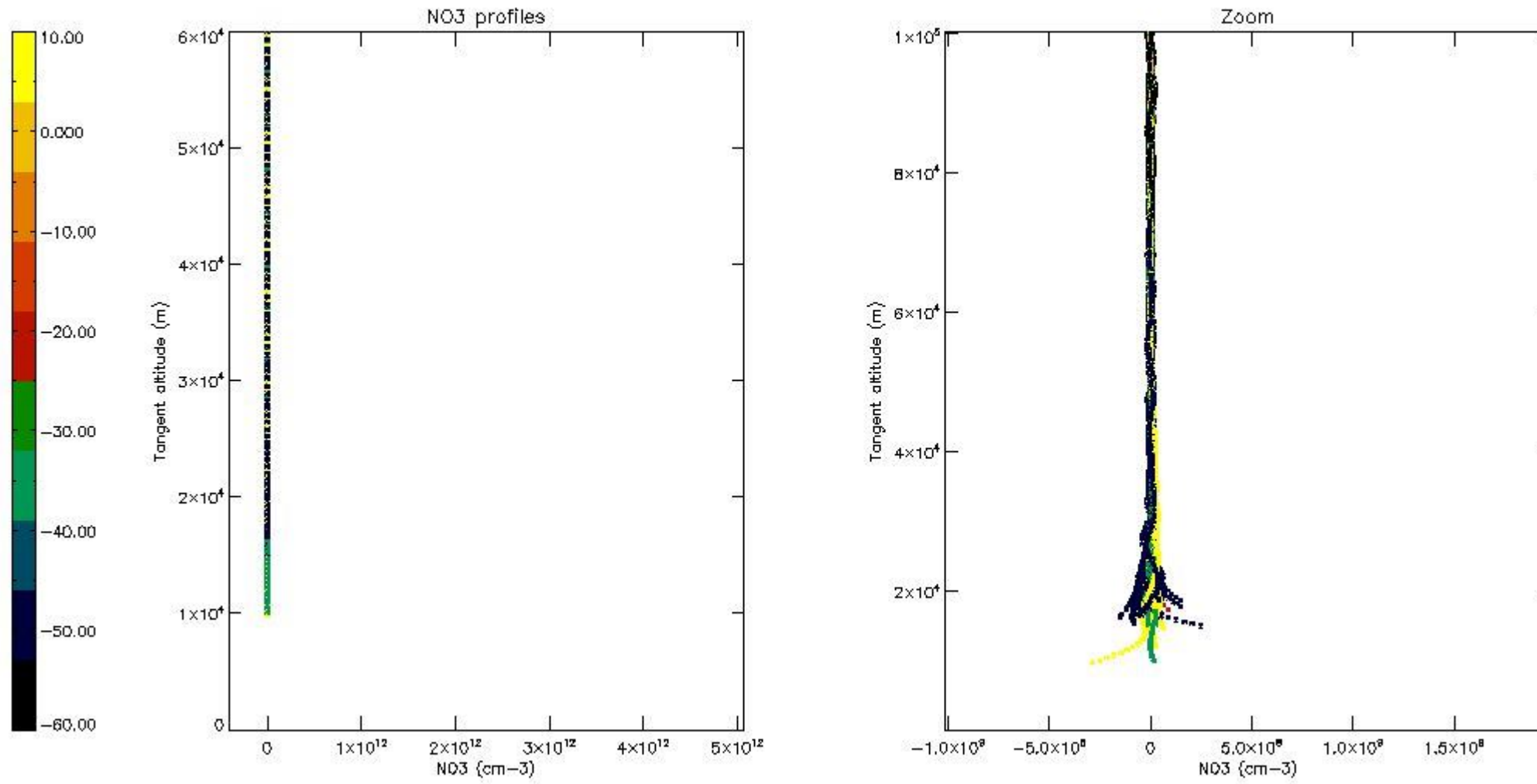
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	17-JUN-2003 00:04:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-JUN-2003 00:04:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-JUN-2003 00:04:30

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 16:10:06
Data source version	GOMOS/6.01
Start time of products	17-06-2003 (17JUN2003 00:00:00)
Stop time of products	18-06-2003 (18JUN2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	297
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__2PRFIN20030617_000430_000000452017_00202_06769_6438.N1	17-JUN-2003 00:04:30	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	6769	No
2	GOM_NL__2PRFIN20030617_000554_000000442017_00202_06769_6439.N1	17-JUN-2003 00:05:54	Bright	44.000	68	18Alp Cas	2.2250	4500.0	88	6769	No
3	GOM_NL__2PRFIN20030617_000739_000000532017_00202_06769_6440.N1	17-JUN-2003 00:07:39	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6769	No
4	GOM_NL__2PRFIN20030617_001106_000000432017_00202_06769_6441.N1	17-JUN-2003 00:11:06	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6769	No
5	GOM_NL__2PRFIN20030617_001328_000000562017_00202_06769_6442.N1	17-JUN-2003 00:13:28	Twilight	55.500	53	43Bet And	2.0480	3300.0	111	6769	No
6	GOM_NL__2PRFIN20030617_001659_000000472017_00202_06769_6443.N1	17-JUN-2003 00:16:59	Twilight	46.500	50	13Alp Ari	2.0070	4250.0	93	6769	No
7	GOM_NL__2PRFIN20030617_002335_000000792017_00202_06769_6444.N1	17-JUN-2003 00:23:35	Dark	78.500	140	88Gam Peg	2.8340	26000.	157	6769	No
8	GOM_NL__2PRFIN20030617_003900_000000462017_00202_06769_6445.N1	17-JUN-2003 00:39:00	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	6769	No
9	GOM_NL__2PRFIN20030617_004400_000000812017_00203_06770_6306.N1	17-JUN-2003 00:44:00	Dark	80.500	18	24Alp PsA	1.1660	9700.0	161	6770	No
10	GOM_NL__2PRFIN20030617_004718_000000512017_00203_06770_6307.N1	17-JUN-2003 00:47:18	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	6770	No
11	GOM_NL__2PRFIN20030617_005104_000000432017_00203_06770_6308.N1	17-JUN-2003 00:51:04	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	6770	No
12	GOM_NL__2PRFIN20030617_005910_000000442017_00203_06770_6309.N1	17-JUN-2003 00:59:10	Twilight	44.000	40	The Sco	1.8590	7100.0	88	6770	No
13	GOM_NL__2PRFIN20030617_010052_000000472017_00203_06770_6310.N1	17-JUN-2003 01:00:52	Twilight	46.500	25	35Lam Sco	1.6200	28000.	93	6770	No
14	GOM_NL__2PRFIN20030617_010425_000000572017_00203_06770_6311.N1	17-JUN-2003 01:04:25	Bright	56.500	155	41Pi Sgr	2.9000	6600.0	113	6770	No
15	GOM_NL__2PRFIN20030617_010726_000000402017_00203_06770_6312.N1	17-JUN-2003 01:07:26	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	6770	No
16	GOM_NL__2PRFIN20030617_010911_000000392017_00203_06770_6313.N1	17-JUN-2003 01:09:11	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	6770	No
17	GOM_NL__2PRFIN20030617_011356_000000432017_00203_06770_6314.N1	17-JUN-2003 01:13:56	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6770	No
18	GOM_NL__2PRFIN20030617_011626_000000462017_00203_06770_6315.N1	17-JUN-2003 01:16:26	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	6770	No
19	GOM_NL__2PRFIN20030617_011827_000000382017_00203_06770_6316.N1	17-JUN-2003 01:18:27	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6770	No
20	GOM_NL__2PRFIN20030617_012129_000000392017_00203_06770_6317.N1	17-JUN-2003 01:21:29	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6770	No
21	GOM_NL__2PRFIN20030617_012815_000000422017_00203_06770_6318.N1	17-JUN-2003 01:28:15	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	6770	No
22	GOM_NL__2PRFIN20030617_012952_000000352017_00203_06770_6319.N1	17-JUN-2003 01:29:52	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	6770	No
23	GOM_NL__2PRFIN20030617_013758_000000352017_00203_06770_6320.N1	17-JUN-2003 01:37:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	6770	No
24	GOM_NL__2PRFIN20030617_014506_000000462017_00203_06770_6321.N1	17-JUN-2003 01:45:06	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	6770	No
25	GOM_NL__2PRFIN20030617_014630_000000452017_00203_06770_6322.N1	17-JUN-2003 01:46:30	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	6770	No
26	GOM_NL__2PRFIN20030617_014814_000000532017_00203_06770_6323.N1	17-JUN-2003 01:48:14	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6770	No
27	GOM_NL__2PRFIN20030617_015142_000000422017_00203_06770_6324.N1	17-JUN-2003 01:51:42	Bright	42.000	73	57Gam1And	2.2600	13100.	84	6770	No
28	GOM_NL__2PRFIN20030617_015404_000000632017_00203_06770_6325.N1	17-JUN-2003 01:54:04	Twilight	62.500	53	43Bet And	2.0480	3300.0	125	6770	No
29	GOM_NL__2PRFIN20030617_015735_000000492017_00203_06770_6326.N1	17-JUN-2003 01:57:35	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	6770	No
30	GOM_NL__2PRFIN20030617_020412_000000812017_00203_06770_6327.N1	17-JUN-2003 02:04:12	Dark	81.000	140	88Gam Peg	2.8340	26000.	162	6770	No
31	GOM_NL__2PRFIN20030617_022438_000000732017_00204_06771_6303.N1	17-JUN-2003 02:24:38	Dark	73.000	18	24Alp PsA	1.1660	9700.0	146	6771	No
32	GOM_NL__2PRFIN20030617_022754_000000512017_00204_06771_6304.N1	17-JUN-2003 02:27:54	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	6771	No
33	GOM_NL__2PRFIN20030617_023140_000000432017_00204_06771_6305.N1	17-JUN-2003 02:31:40	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	6771	No
34	GOM_NL__2PRFIN20030617_023946_000000442017_00204_06771_6306.N1	17-JUN-2003 02:39:46	Twilight	43.500	40	The Sco	1.8590	7100.0	87	6771	No
35	GOM_NL__2PRFIN20030617_024128_000000452017_00204_06771_6307.N1	17-JUN-2003 02:41:28	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	6771	No
36	GOM_NL__2PRFIN20030617_024501_000000572017_00204_06771_6308.N1	17-JUN-2003 02:45:01	Bright	57.000	155	41Pi Sgr	2.9000	6600.0	114	6771	No
37	GOM_NL__2PRFIN20030617_024802_000000402017_00204_06771_6309.N1	17-JUN-2003 02:48:02	Bright	40.000	86	35Eta Oph	2.4300	10200.	80	6771	No
38	GOM_NL__2PRFIN20030617_024946_000000382017_00204_06771_6310.N1	17-JUN-2003 02:49:46	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	6771	No
39	GOM_NL__2PRFIN20030617_025432_000000432017_00204_06771_6311.N1	17-JUN-2003 02:54:32	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6771	No
40	GOM_NL__2PRFIN20030617_025701_000000452017_00204_06771_6312.N1	17-JUN-2003 02:57:01	Bright	45.000	59	55Alp Oph	2.0800	8900.0	90	6771	No
41	GOM_NL__2PRFIN20030617_025903_000000392017_00204_06771_6313.N1	17-JUN-2003 02:59:03	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	6771	No
42	GOM_NL__2PRFIN20030617_030204_000000392017_00204_06771_6314.N1	17-JUN-2003 03:02:04	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	6771	No

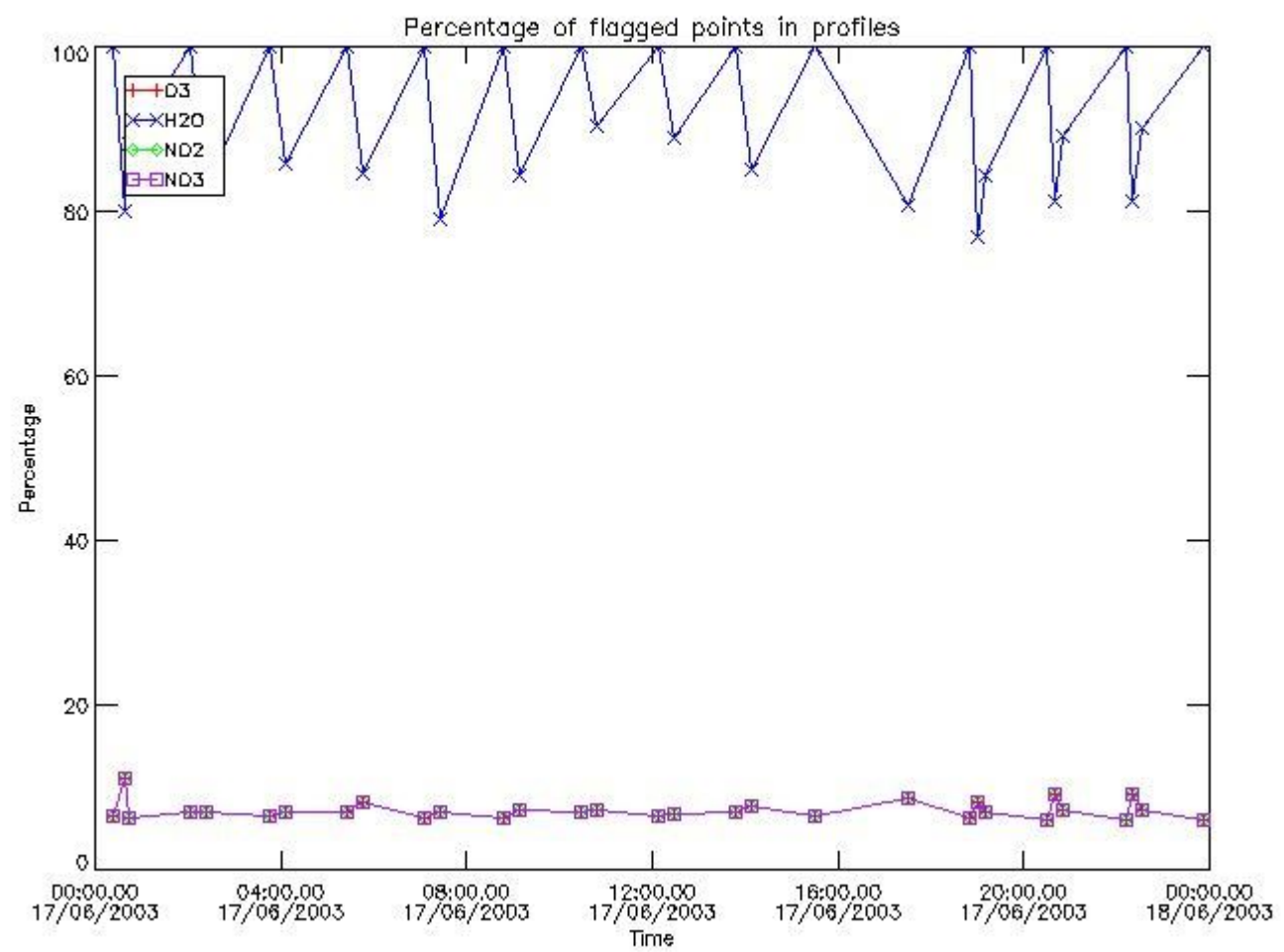
220	GOM_NL__2PRFIN20030617_181550_000000372017_00213_06780_5420.N1	17-JUN-2003 18:15:50	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	6780	No
221	GOM_NL__2PRFIN20030617_182358_000000372017_00213_06780_5421.N1	17-JUN-2003 18:23:58	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	6780	No
222	GOM_NL__2PRFIN20030617_183102_000000472017_00213_06780_5422.N1	17-JUN-2003 18:31:02	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	6780	No
223	GOM_NL__2PRFIN20030617_183227_000000462017_00213_06780_5423.N1	17-JUN-2003 18:32:27	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6780	No
224	GOM_NL__2PRFIN20030617_183414_000000532017_00213_06780_5424.N1	17-JUN-2003 18:34:14	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	6780	No
225	GOM_NL__2PRFIN20030617_183741_000000432017_00213_06780_5425.N1	17-JUN-2003 18:37:41	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6780	No
226	GOM_NL__2PRFIN20030617_184004_000000632017_00213_06780_5426.N1	17-JUN-2003 18:40:04	Twilight	63.000	53	43Bet And	2.0480	3300.0	126	6780	No
227	GOM_NL__2PRFIN20030617_184337_000000492017_00213_06780_5427.N1	17-JUN-2003 18:43:37	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	6780	No
228	GOM_NL__2PRFIN20030617_185023_000000812017_00213_06780_5428.N1	17-JUN-2003 18:50:23	Dark	80.500	140	88Gam Peg	2.8340	26000.	161	6780	No
229	GOM_NL__2PRFIN20030617_185937_000000632017_00213_06780_5429.N1	17-JUN-2003 18:59:37	Dark	63.000	52	16Bet Cet	2.0370	4500.0	126	6780	No
230	GOM_NL__2PRFIN20030617_191055_000000742017_00214_06781_6293.N1	17-JUN-2003 19:10:55	Dark	74.000	18	24Alp PsA	1.1660	9700.0	148	6781	No
231	GOM_NL__2PRFIN20030617_191404_000000502017_00214_06781_6294.N1	17-JUN-2003 19:14:04	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	6781	No
232	GOM_NL__2PRFIN20030617_191746_000000432017_00214_06781_6295.N1	17-JUN-2003 19:17:46	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	6781	No
233	GOM_NL__2PRFIN20030617_192549_000000442017_00214_06781_6296.N1	17-JUN-2003 19:25:49	Twilight	44.000	40	The Sco	1.8590	7100.0	88	6781	No
234	GOM_NL__2PRFIN20030617_192732_000000452017_00214_06781_6297.N1	17-JUN-2003 19:27:32	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	6781	No
235	GOM_NL__2PRFIN20030617_193104_000000562017_00214_06781_6298.N1	17-JUN-2003 19:31:04	Bright	55.500	155	41Pi Sgr	2.9000	6600.0	111	6781	No
236	GOM_NL__2PRFIN20030617_193404_000000392017_00214_06781_6299.N1	17-JUN-2003 19:34:04	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	6781	No
237	GOM_NL__2PRFIN20030617_193548_000000372017_00214_06781_6300.N1	17-JUN-2003 19:35:48	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	6781	No
238	GOM_NL__2PRFIN20030617_194029_000000442017_00214_06781_6301.N1	17-JUN-2003 19:40:29	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	6781	No
239	GOM_NL__2PRFIN20030617_194259_000000432017_00214_06781_6302.N1	17-JUN-2003 19:42:59	Bright	43.000	59	55Alp Oph	2.0800	8900.0	86	6781	No
240	GOM_NL__2PRFIN20030617_194503_000000382017_00214_06781_6303.N1	17-JUN-2003 19:45:03	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6781	No
241	GOM_NL__2PRFIN20030617_194803_000000382017_00214_06781_6304.N1	17-JUN-2003 19:48:03	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	6781	No
242	GOM_NL__2PRFIN20030617_195447_000000422017_00214_06781_6305.N1	17-JUN-2003 19:54:47	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	6781	No
243	GOM_NL__2PRFIN20030617_195626_000000382017_00214_06781_6306.N1	17-JUN-2003 19:56:26	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	6781	No
244	GOM_NL__2PRFIN20030617_200434_000000362017_00214_06781_6307.N1	17-JUN-2003 20:04:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6781	No
245	GOM_NL__2PRFIN20030617_201138_000000652017_00214_06781_6308.N1	17-JUN-2003 20:11:38	Bright	65.000	74	11Bet Cas	2.2680	6600.0	130	6781	No
246	GOM_NL__2PRFIN20030617_201303_000000462017_00214_06781_6309.N1	17-JUN-2003 20:13:03	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	6781	No
247	GOM_NL__2PRFIN20030617_201451_000000352017_00214_06781_6310.N1	17-JUN-2003 20:14:51	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	6781	No
248	GOM_NL__2PRFIN20030617_201818_000000572017_00214_06781_6311.N1	17-JUN-2003 20:18:18	Bright	57.000	73	57Gam1And	2.2600	13100.	114	6781	No
249	GOM_NL__2PRFIN20030617_202040_000000632017_00214_06781_6312.N1	17-JUN-2003 20:20:40	Twilight	63.000	53	43Bet And	2.0480	3300.0	126	6781	No
250	GOM_NL__2PRFIN20030617_202413_000000462017_00214_06781_6313.N1	17-JUN-2003 20:24:13	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	6781	No
251	GOM_NL__2PRFIN20030617_203100_000000872017_00214_06781_6314.N1	17-JUN-2003 20:31:00	Dark	86.500	140	88Gam Peg	2.8340	26000.	173	6781	No
252	GOM_NL__2PRFIN20030617_204014_000000562017_00214_06781_6315.N1	17-JUN-2003 20:40:14	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	6781	No
253	GOM_NL__2PRFIN20030617_205133_000000702017_00215_06782_6295.N1	17-JUN-2003 20:51:33	Dark	70.000	18	24Alp PsA	1.1660	9700.0	140	6782	No
254	GOM_NL__2PRFIN20030617_205441_000000542017_00215_06782_6296.N1	17-JUN-2003 20:54:41	Straylight	53.500	31	Alp Gru	1.7340	15200.	107	6782	No
255	GOM_NL__2PRFIN20030617_205823_000000502017_00215_06782_6297.N1	17-JUN-2003 20:58:23	Straylight	50.000	45	Alp Pav	1.9400	26000.	100	6782	No
256	GOM_NL__2PRFIN20030617_210626_000000442017_00215_06782_6298.N1	17-JUN-2003 21:06:26	Twilight	44.000	40	The Sco	1.8590	7100.0	88	6782	No
257	GOM_NL__2PRFIN20030617_210808_000000442017_00215_06782_6299.N1	17-JUN-2003 21:08:08	Twilight	44.000	25	35Lam Sco	1.6200	28000.	88	6782	No
258	GOM_NL__2PRFIN20030617_211140_000000562017_00215_06782_6300.N1	17-JUN-2003 21:11:40	Bright	56.000	155	41Pi Sgr	2.9000	6600.0	112	6782	No
259	GOM_NL__2PRFIN20030617_211439_000000402017_00215_06782_6301.N1	17-JUN-2003 21:14:39	Bright	39.500	86	35Eta Oph	2.4300	10200.	79	6782	No
260	GOM_NL__2PRFIN20030617_211624_000000372017_00215_06782_6302.N1	17-JUN-2003 21:16:24	Bright	37.000	98	13Zet Oph	2.5710	30000.	74	6782	No
261	GOM_NL__2PRFIN20030617_212105_000000432017_00215_06782_6303.N1	17-JUN-2003 21:21:05	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6782	No
262	GOM_NL__2PRFIN20030617_212335_000000422017_00215_06782_6304.N1	17-JUN-2003 21:23:35	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	6782	No
263	GOM_NL__2PRFIN20030617_212539_000000382017_00215_06782_6305.N1	17-JUN-2003 21:25:39	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	6782	No
264	GOM_NL__2PRFIN20030617_212838_000000382017_00215_06782_6306.N1	17-JUN-2003 21:28:38	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	6782	No
265	GOM_NL__2PRFIN20030617_213522_000000412017_00215_06782_6307.N1	17-JUN-2003 21:35:22	Bright	41.000	130	23Bet Dra	2.7990	5800.0	82	6782	No
266	GOM_NL__2PRFIN20030617_213702_000000392017_00215_06782_6308.N1	17-JUN-2003 21:37:02	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	6782	No
267	GOM_NL__2PRFIN20030617_214510_000000372017_00215_06782_6309.N1	17-JUN-2003 21:45:10	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	6782	No
268	GOM_NL__2PRFIN20030617_215213_000000452017_00215_06782_6310.N1	17-JUN-2003 21:52:13	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	6782	No
269	GOM_NL__2PRFIN20030617_215338_000000452017_00215_06782_6311.N1	17-JUN-2003 21:53:38	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	6782	No
270	GOM_NL__2PRFIN20030617_215527_000000352017_00215_06782_6312.N1	17-JUN-2003 21:55:27	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	6782	No
271	GOM_NL__2PRFIN20030617_215854_000000422017_00215_06782_6313.N1	17-JUN-2003 21:58:54	Bright	42.000	73	57Gam1And	2.2600	13100.	84	6782	No
272	GOM_NL__2PRFIN20030617_220116_000000552017_00215_06782_6314.N1	17-JUN-2003 22:01:16	Twilight	54.500	53	43Bet And	2.0480	3300.0	109	6782	No
273	GOM_NL__2PRFIN20030617_220449_000000462017_00215_06782_6315.N1	17-JUN-2003 22:04:49	Twilight	45.500	50	13Alp Ari	2.0070	4250.0	91	6782	No
274	GOM_NL__2PRFIN20030617_221137_000000862017_00215_06782_6316.N1	17-JUN-2003 22:11:37	Dark	85.500	140	88Gam Peg	2.8340	26000.	171	6782	No
275	GOM_NL__2PRFIN20030617_222051_000000562017_00215_06782_6317.N1	17-JUN-2003 22:20:51	Dark	56.000	52	16Bet Cet	2.0370	4500.0	112	6782	No
276	GOM_NL__2PRFIN20030617_223210_000000712017_00216_06783_6332.N1	17-JUN-2003 22:32:10	Dark	70.500	18	24Alp PsA	1.1660	9700.0	141	6783	No
277	GOM_NL__2PRFIN20030617_223518_000000512017_00216_06783_6333.N1	17-JUN-2003 22:35:18	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	6783	No
278	GOM_NL__2PRFIN20030617_223859_000000422017_00216_06783_6334.N1	17-JUN-2003 22:38:59	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	6783	No

279	GOM_NL__2PRFIN20030617_224702_000000412017_00216_06783_6335.N1	17-JUN-2003 22:47:02	Twilight	41.000	40	The Sco	1.8590	7100.0	82	6783	No
280	GOM_NL__2PRFIN20030617_224844_000000432017_00216_06783_6336.N1	17-JUN-2003 22:48:44	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	6783	No
281	GOM_NL__2PRFIN20030617_225216_000000572017_00216_06783_6337.N1	17-JUN-2003 22:52:16	Bright	56.500	155	41Pi Sgr	2.9000	6600.0	113	6783	No
282	GOM_NL__2PRFIN20030617_225516_000000392017_00216_06783_6338.N1	17-JUN-2003 22:55:16	Bright	38.500	86	35Eta Oph	2.4300	10200.	77	6783	No
283	GOM_NL__2PRFIN20030617_225700_000000372017_00216_06783_6339.N1	17-JUN-2003 22:57:00	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	6783	No
284	GOM_NL__2PRFIN20030617_230141_000000432017_00216_06783_6340.N1	17-JUN-2003 23:01:41	Bright	43.000	126	60Bet Oph	2.7700	4250.0	86	6783	No
285	GOM_NL__2PRFIN20030617_230410_000000442017_00216_06783_6341.N1	17-JUN-2003 23:04:10	Bright	44.000	59	55Alp Oph	2.0800	8900.0	88	6783	No
286	GOM_NL__2PRFIN20030617_230614_000000372017_00216_06783_6342.N1	17-JUN-2003 23:06:14	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	6783	No
287	GOM_NL__2PRFIN20030617_230914_000000372017_00216_06783_6343.N1	17-JUN-2003 23:09:14	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	6783	No
288	GOM_NL__2PRFIN20030617_231558_000000402017_00216_06783_6344.N1	17-JUN-2003 23:15:58	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	6783	No
289	GOM_NL__2PRFIN20030617_231738_000000382017_00216_06783_6345.N1	17-JUN-2003 23:17:38	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	6783	No
290	GOM_NL__2PRFIN20030617_232546_000000362017_00216_06783_6346.N1	17-JUN-2003 23:25:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	6783	No
291	GOM_NL__2PRFIN20030617_233249_000000452017_00216_06783_6347.N1	17-JUN-2003 23:32:49	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	6783	No
292	GOM_NL__2PRFIN20030617_233414_000000462017_00216_06783_6348.N1	17-JUN-2003 23:34:14	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	6783	No
293	GOM_NL__2PRFIN20030617_233603_000000502017_00216_06783_6349.N1	17-JUN-2003 23:36:03	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	6783	No
294	GOM_NL__2PRFIN20030617_233930_000000432017_00216_06783_6350.N1	17-JUN-2003 23:39:30	Bright	42.500	73	57Gam1And	2.2600	13100.	85	6783	No
295	GOM_NL__2PRFIN20030617_234152_000000592017_00216_06783_6351.N1	17-JUN-2003 23:41:52	Twilight	59.000	53	43Bet And	2.0480	3300.0	118	6783	No
296	GOM_NL__2PRFIN20030617_234525_000000482017_00216_06783_6352.N1	17-JUN-2003 23:45:25	Twilight	48.000	50	13Alp Ari	2.0070	4250.0	96	6783	No
297	GOM_NL__2PRFIN20030617_235214_000000842017_00216_06783_6353.N1	17-JUN-2003 23:52:14	Dark	84.000	140	88Gam Peg	2.8340	26000.	168	6783	No

3. Quality information per product

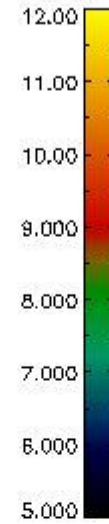
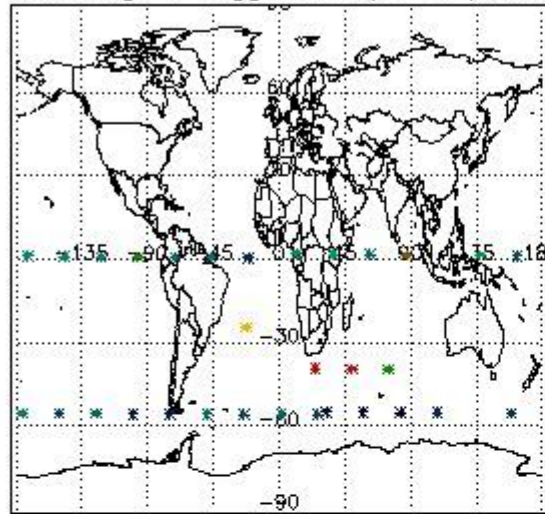
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

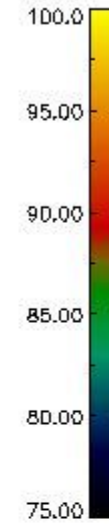
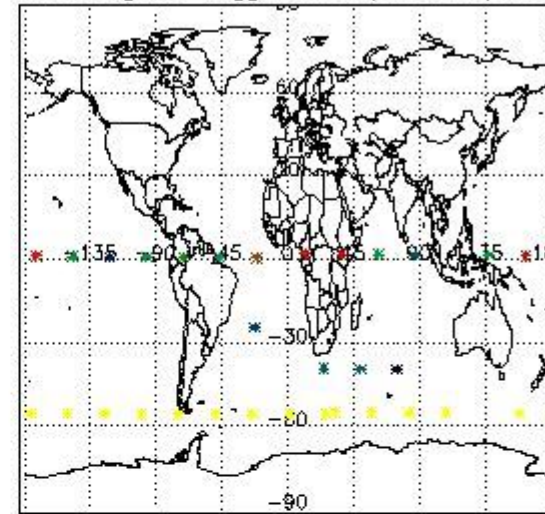


3.2 Plot quality information per product (world map)

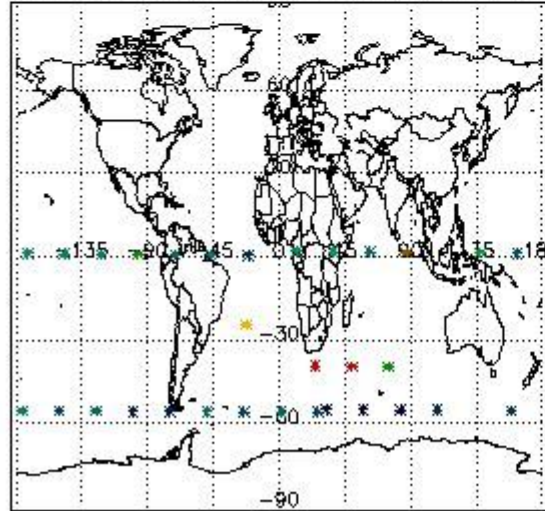
Percentage of flagged data per O3 profile



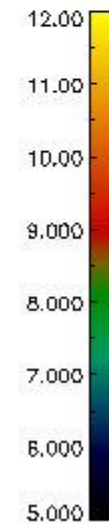
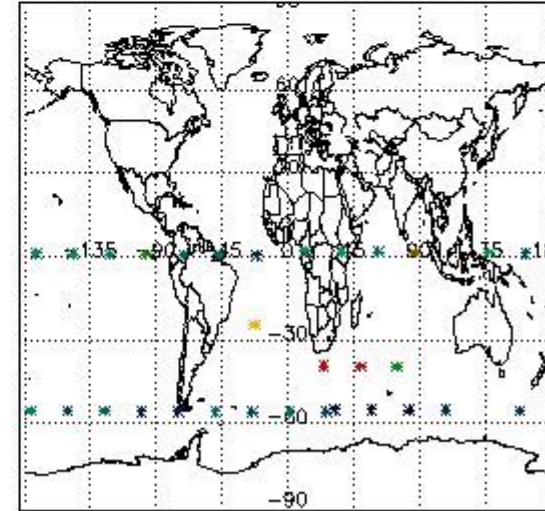
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

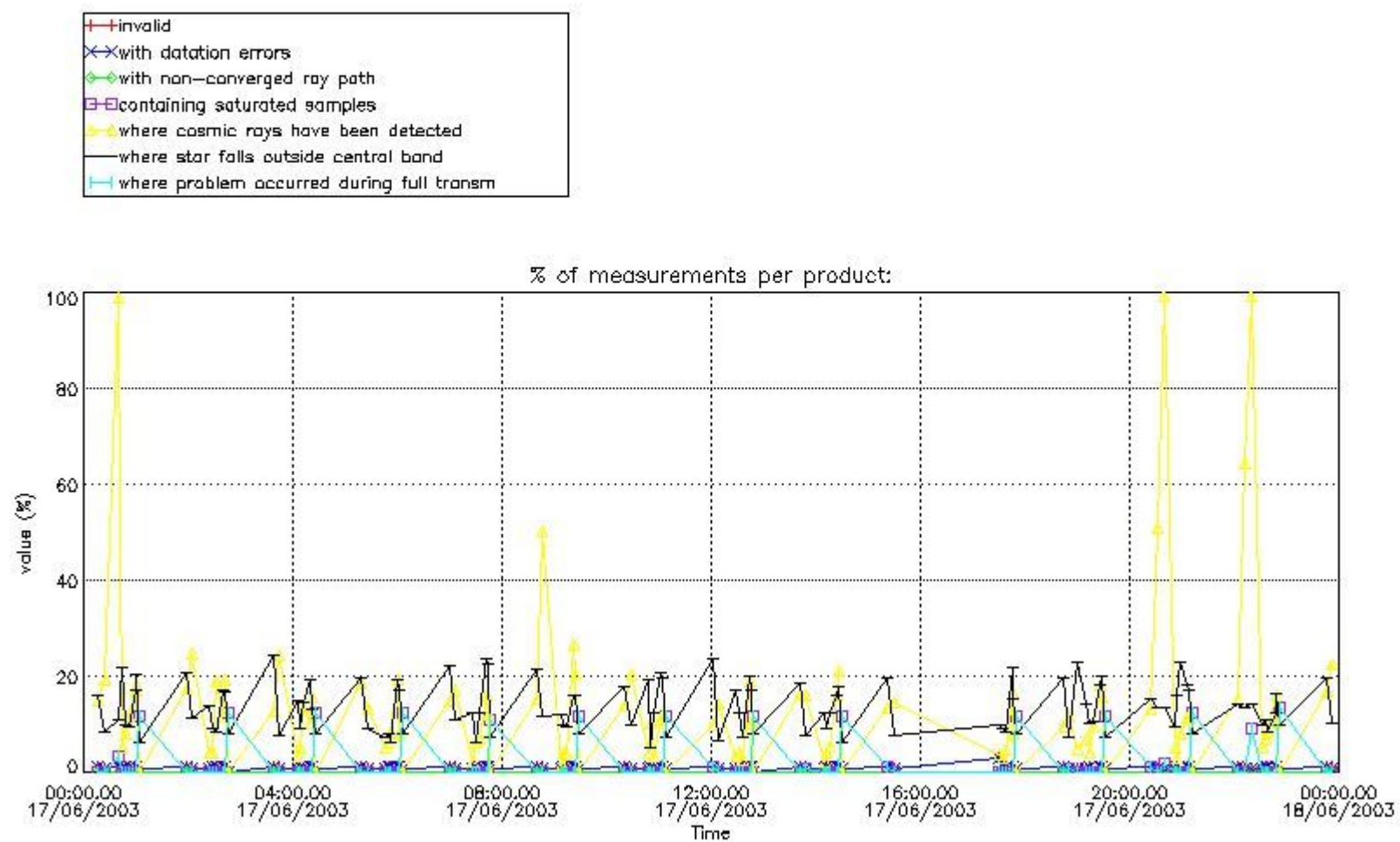


4. Level 1 quality information per product

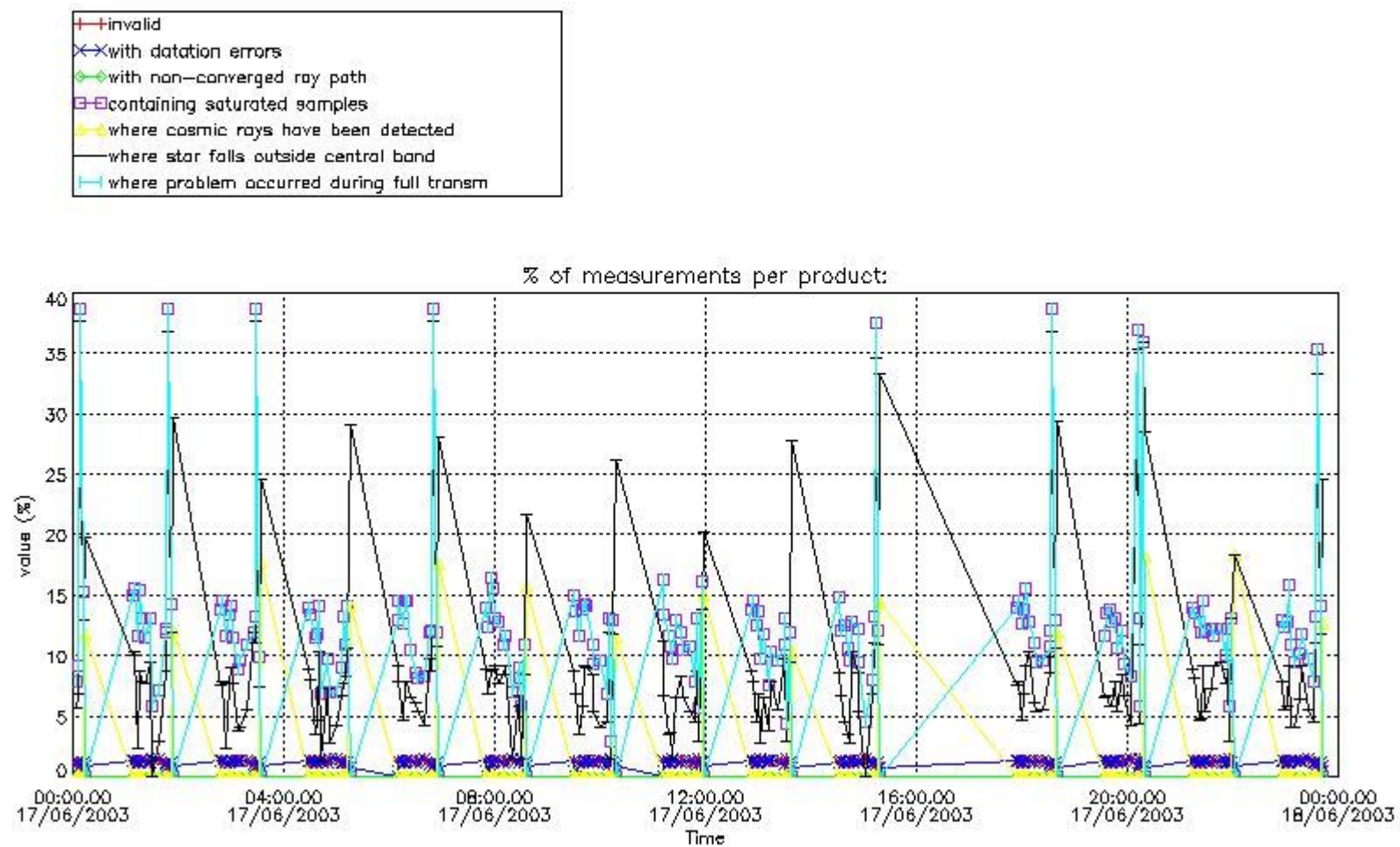
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

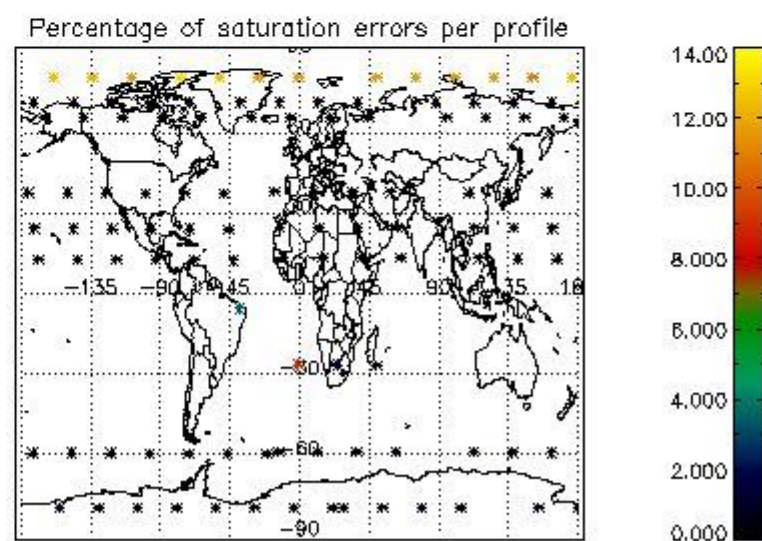
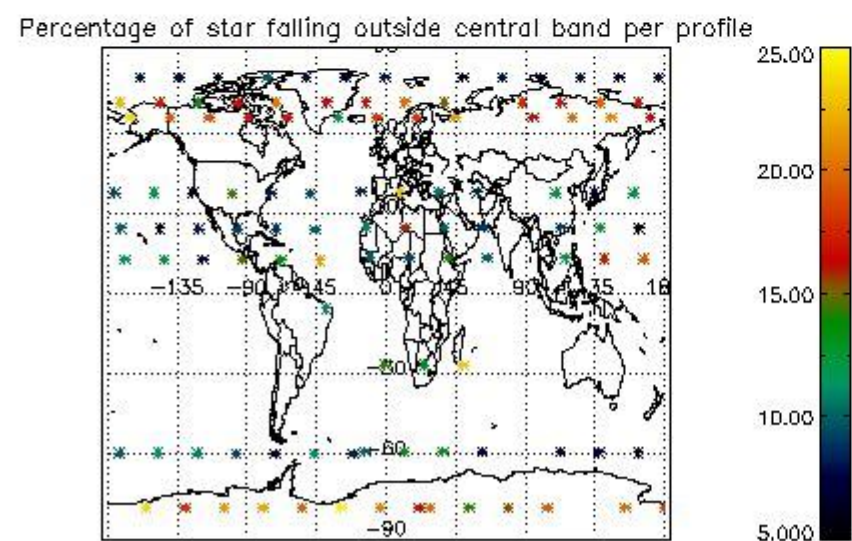
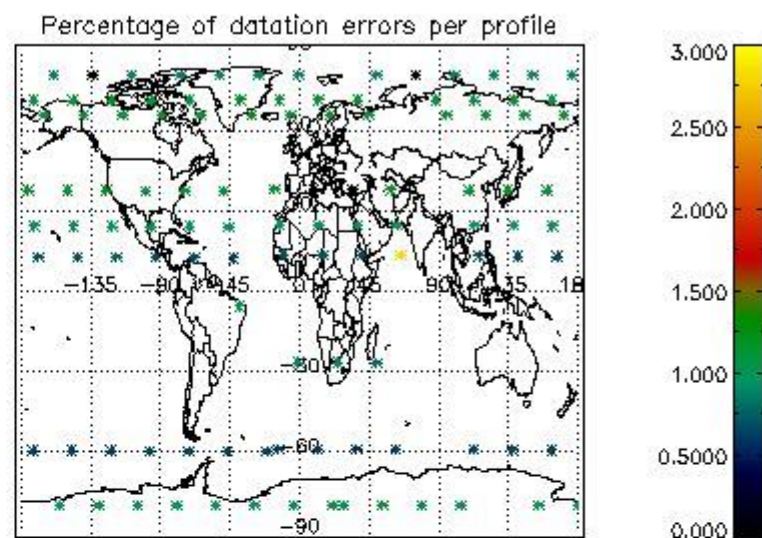
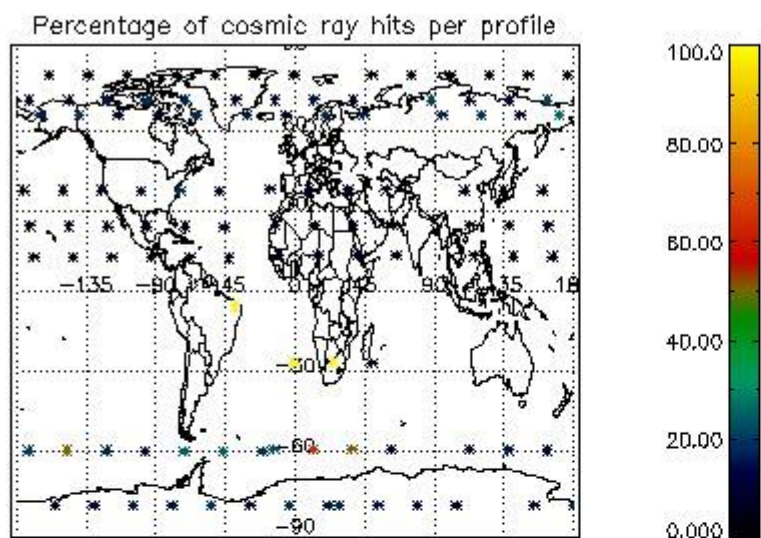


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

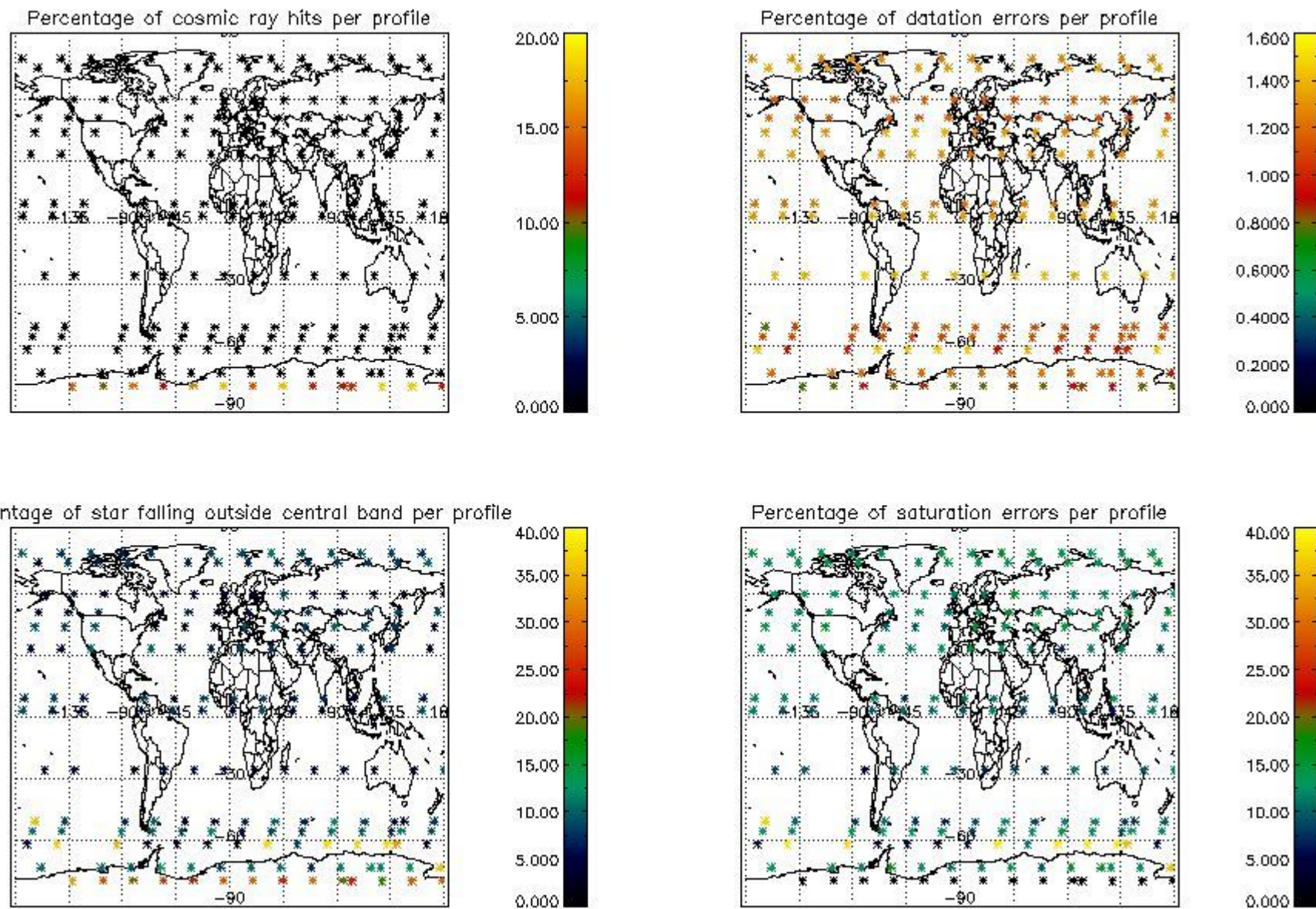


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

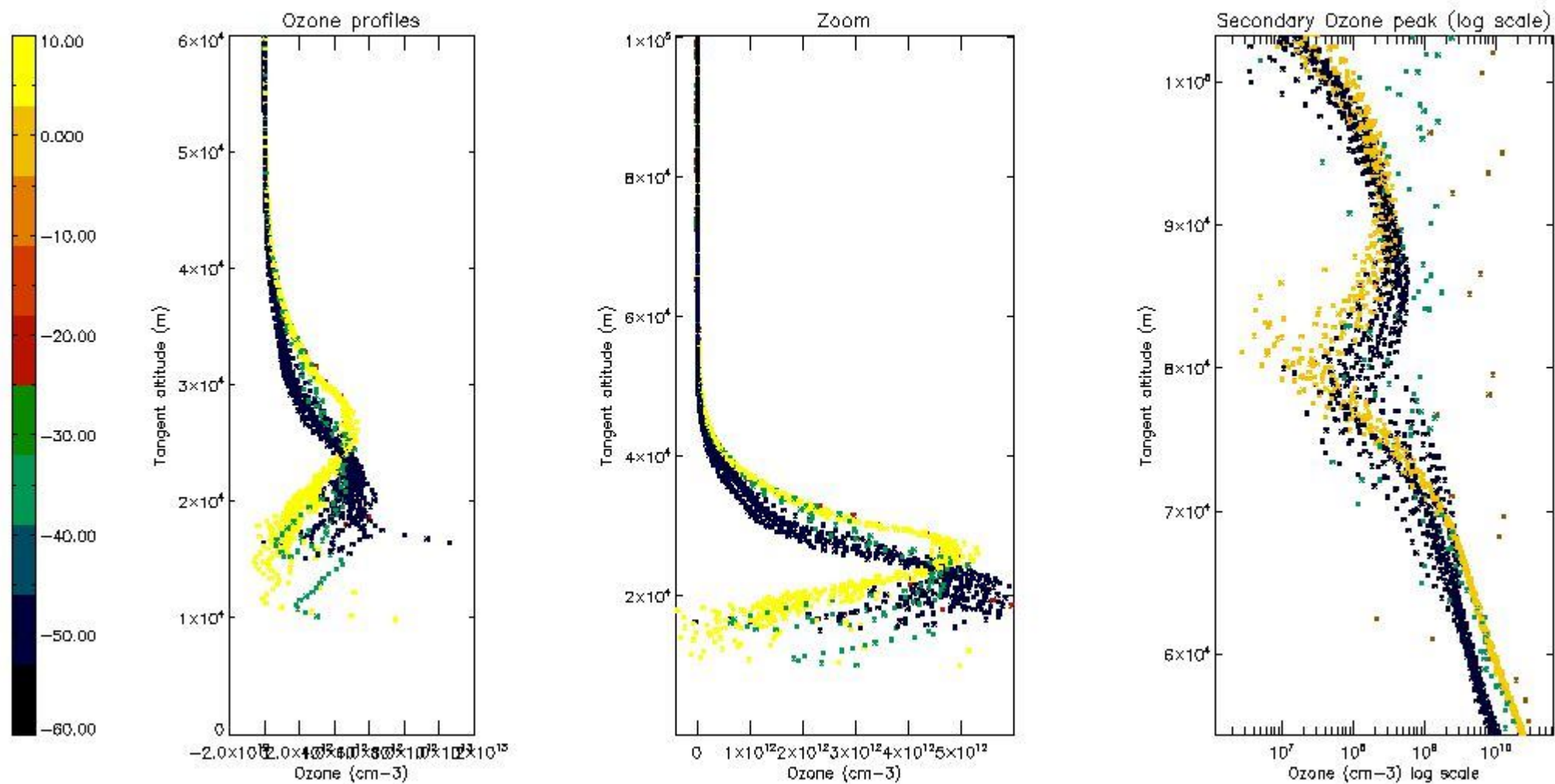
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	12

STD < 10	10
STD < 5	8

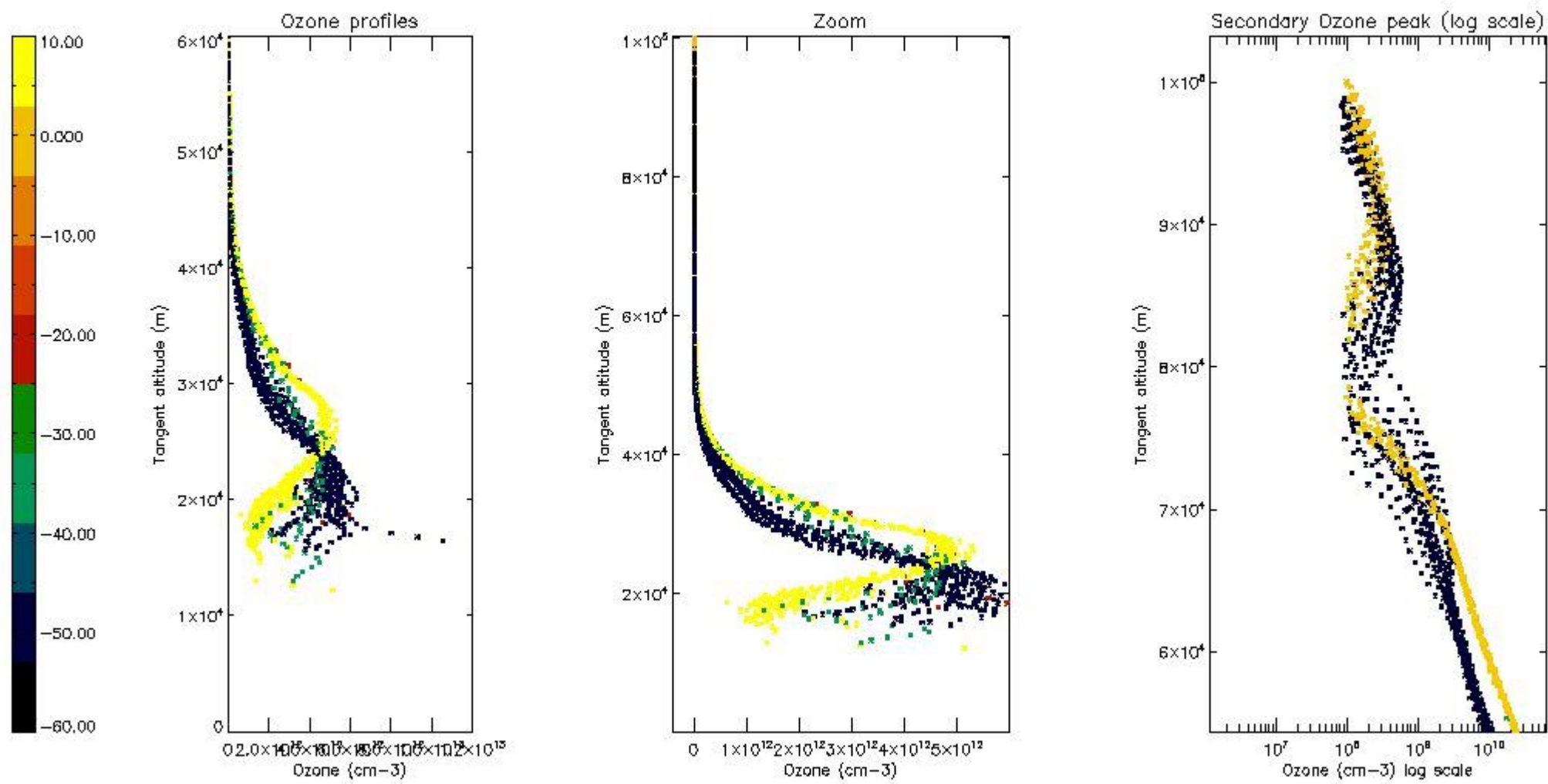
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



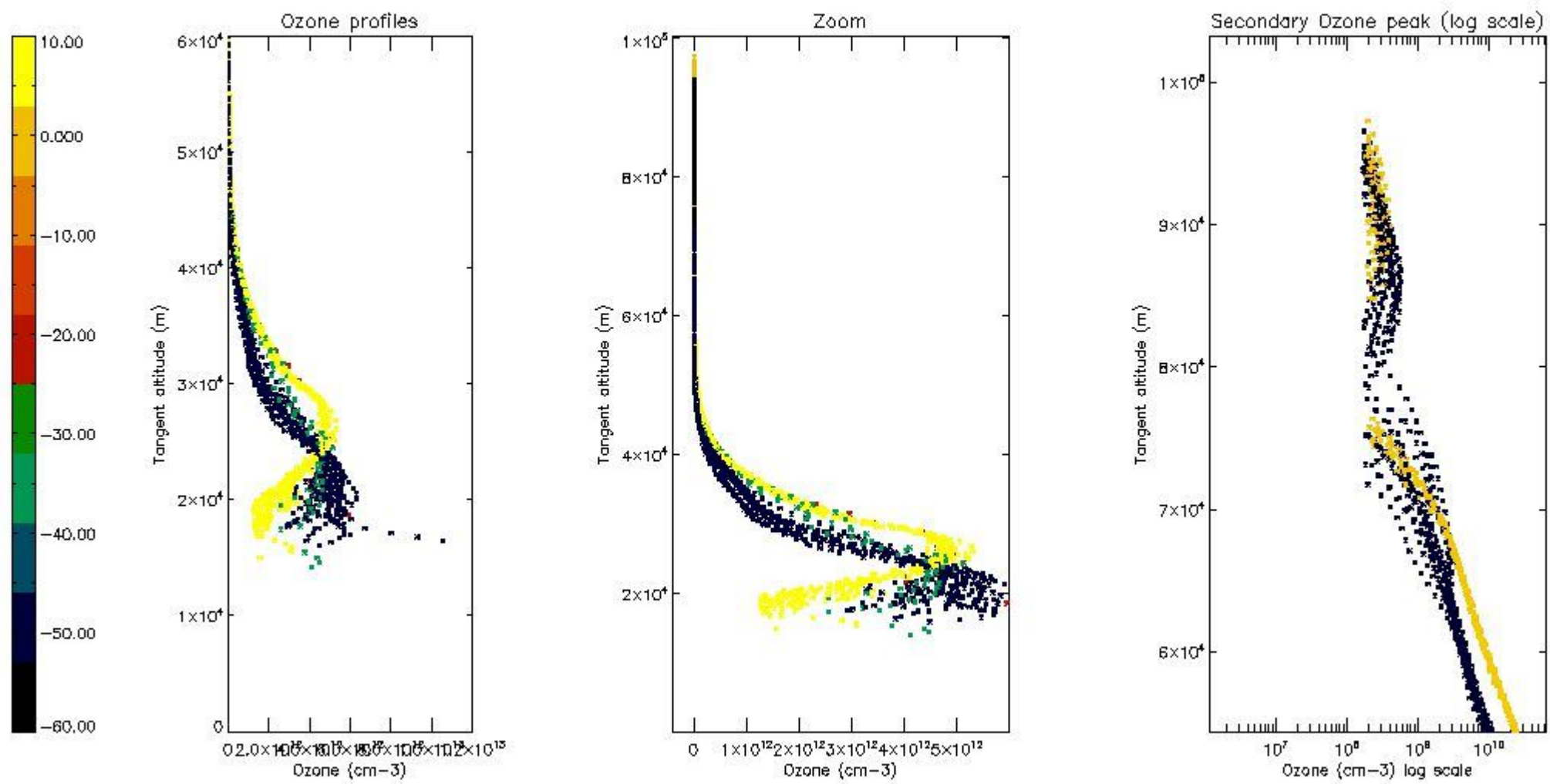
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



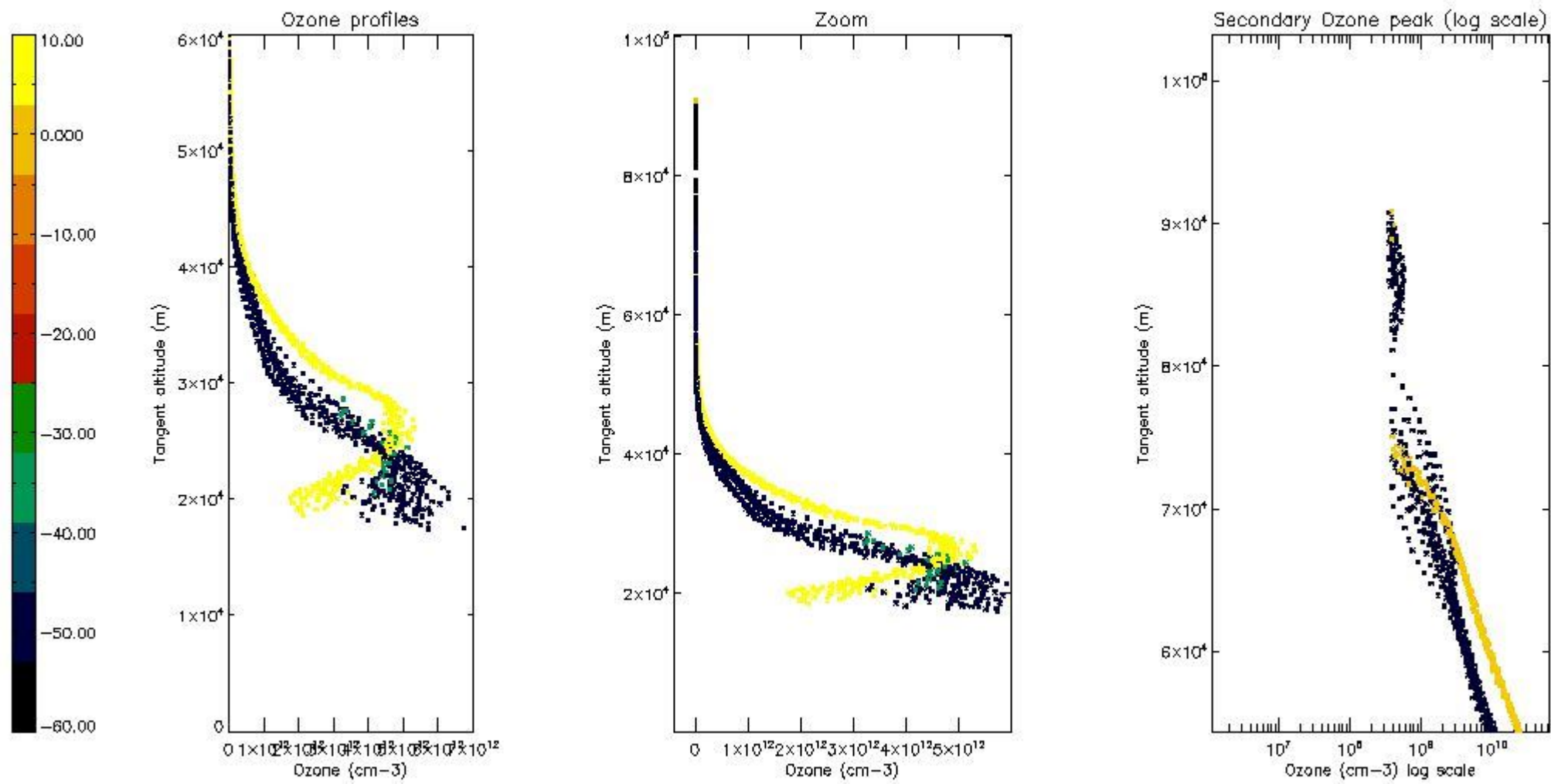
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



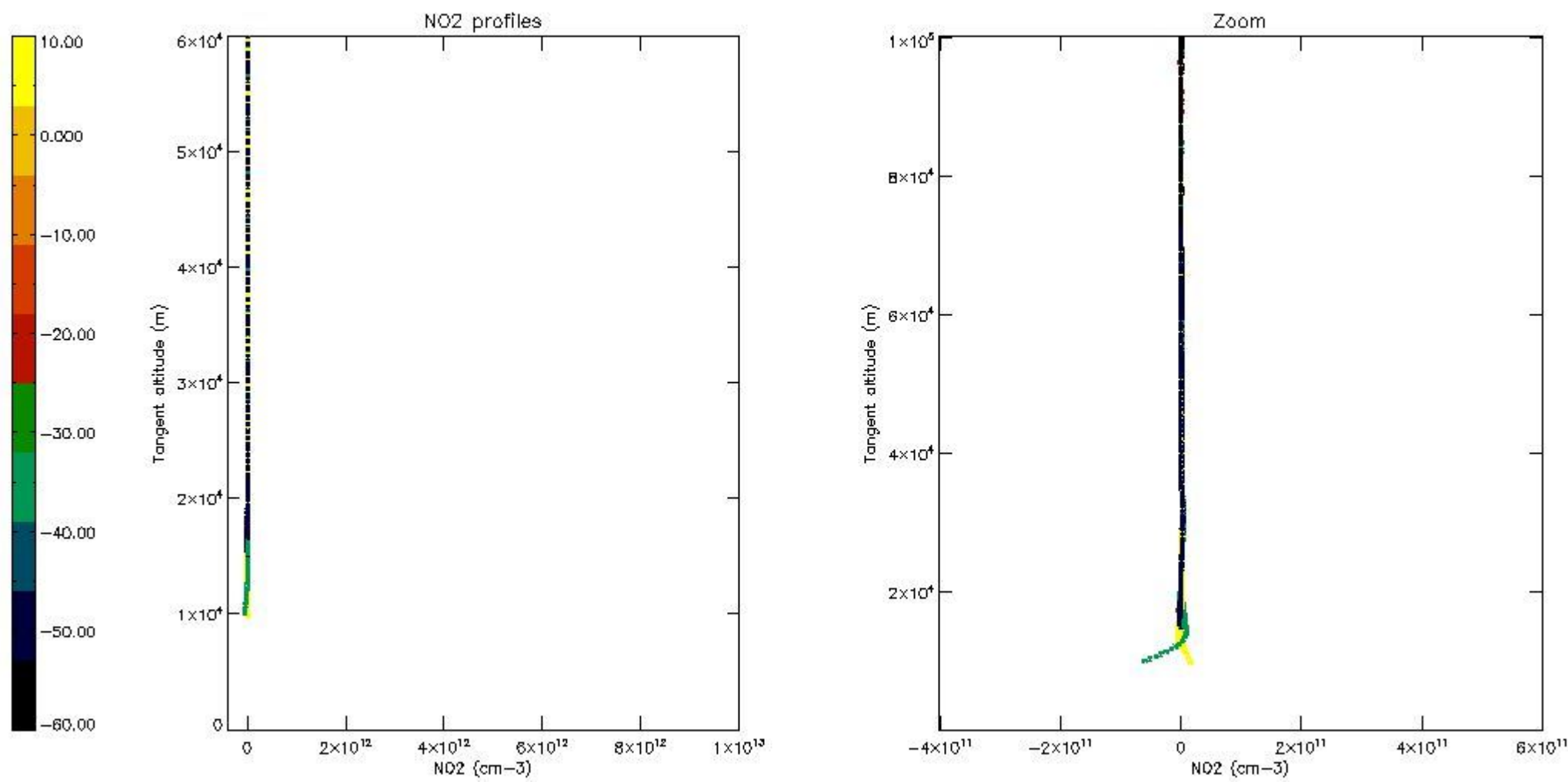
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



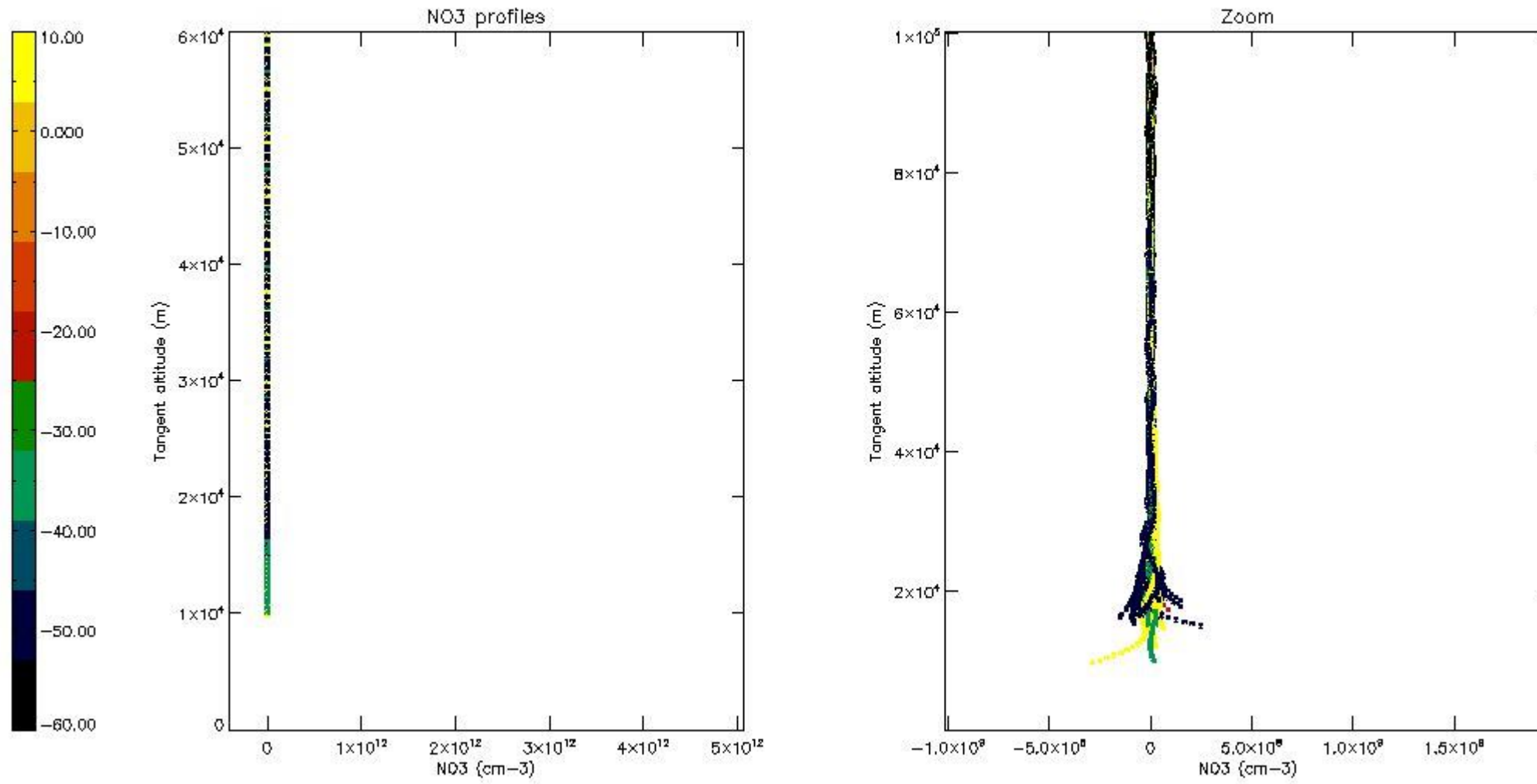
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

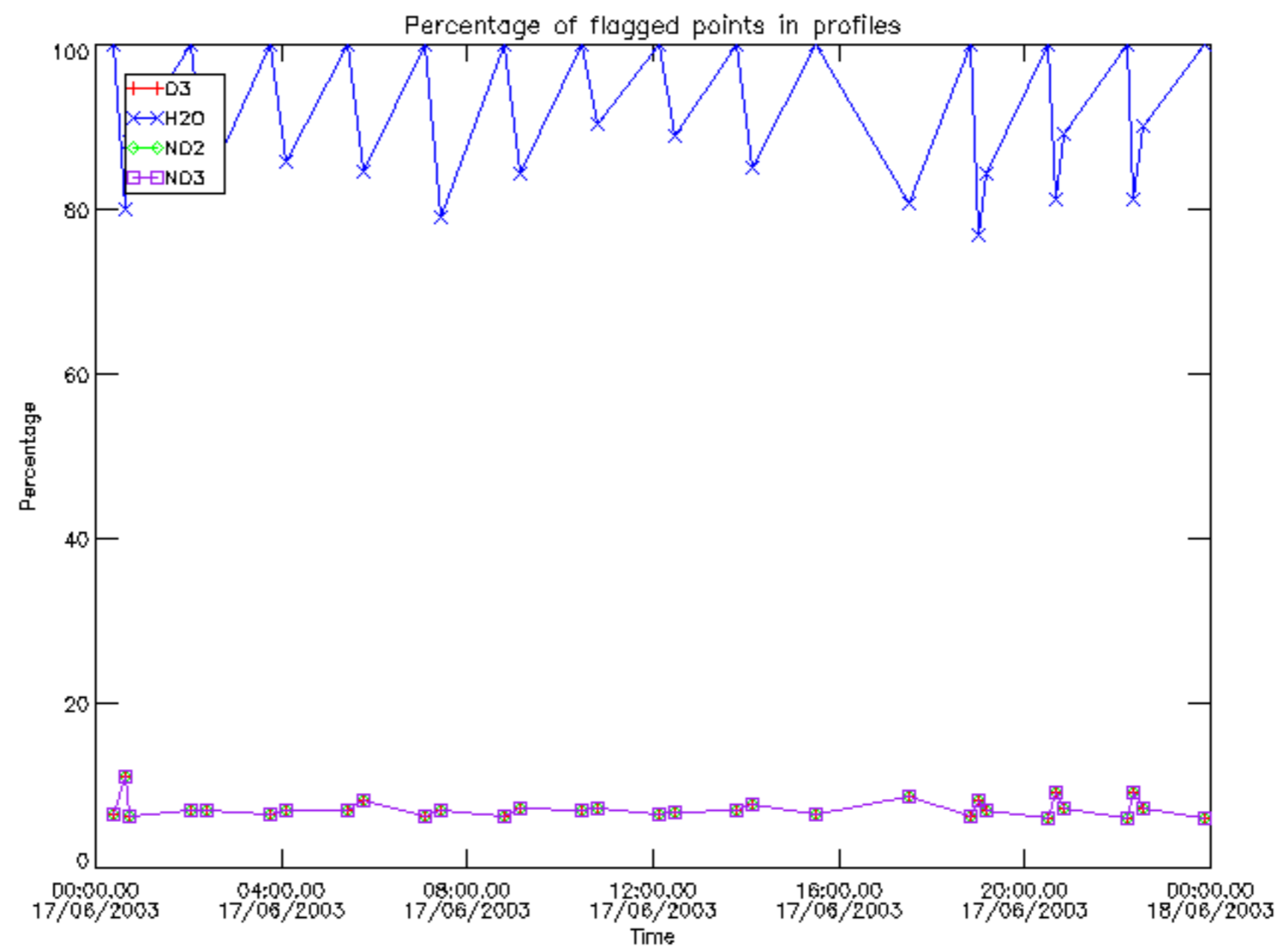
The colorbar represents the latitude.



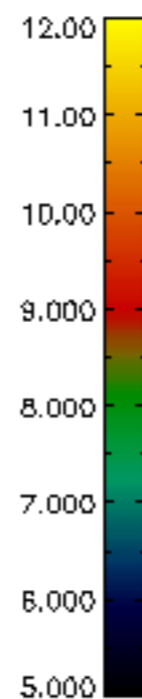
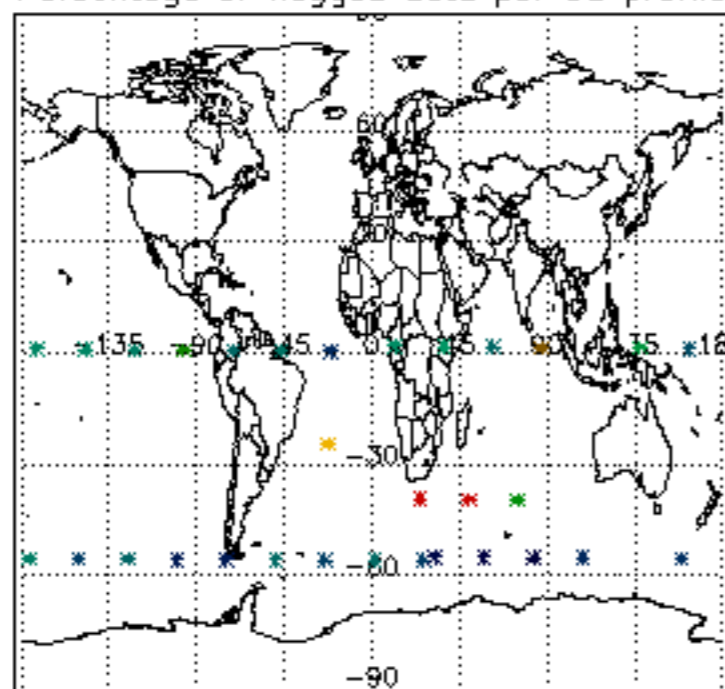
6. Auxiliary Data Files used for the production reported in section 2

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

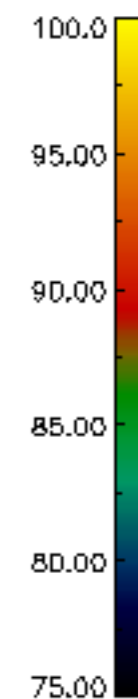
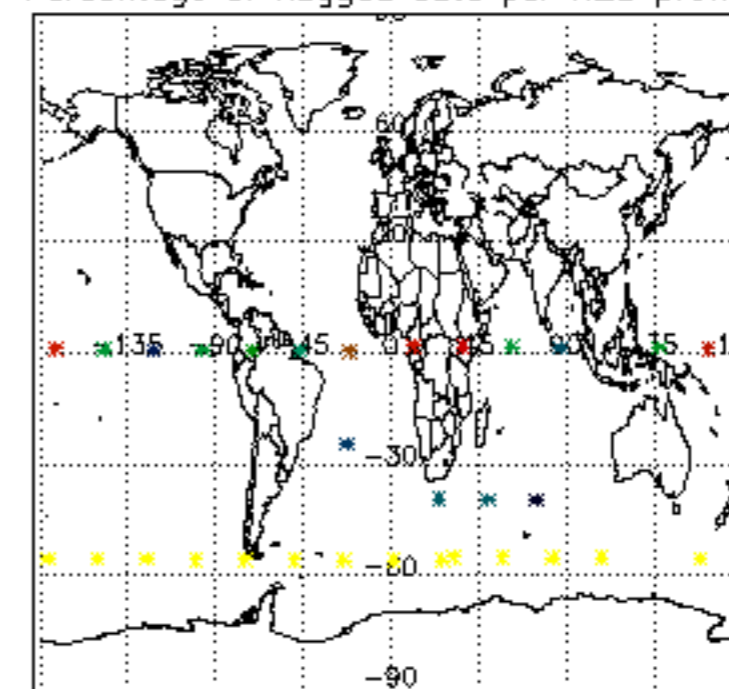
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	17-JUN-2003 00:04:30
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-JUN-2003 00:04:30
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-JUN-2003 00:04:30



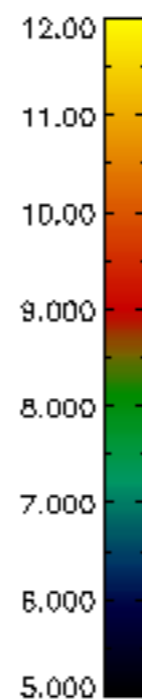
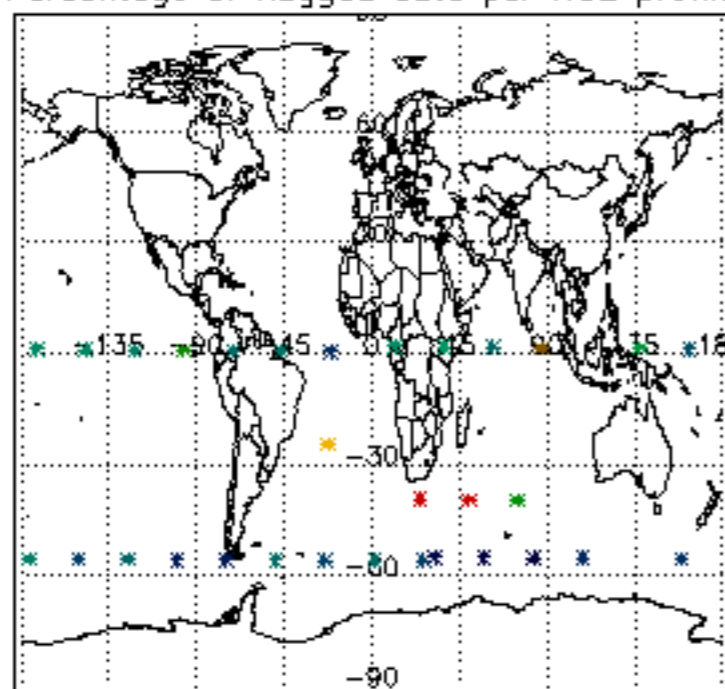
Percentage of flagged data per D3 profile



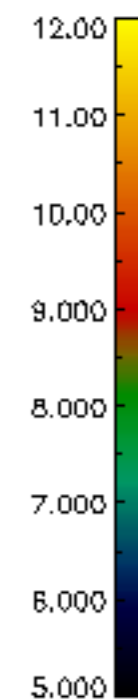
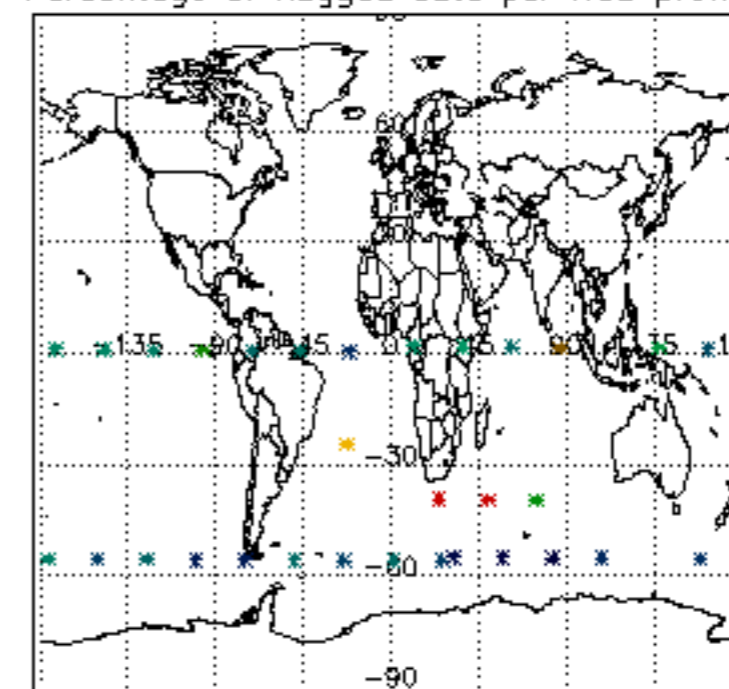
Percentage of flagged data per H2O profile

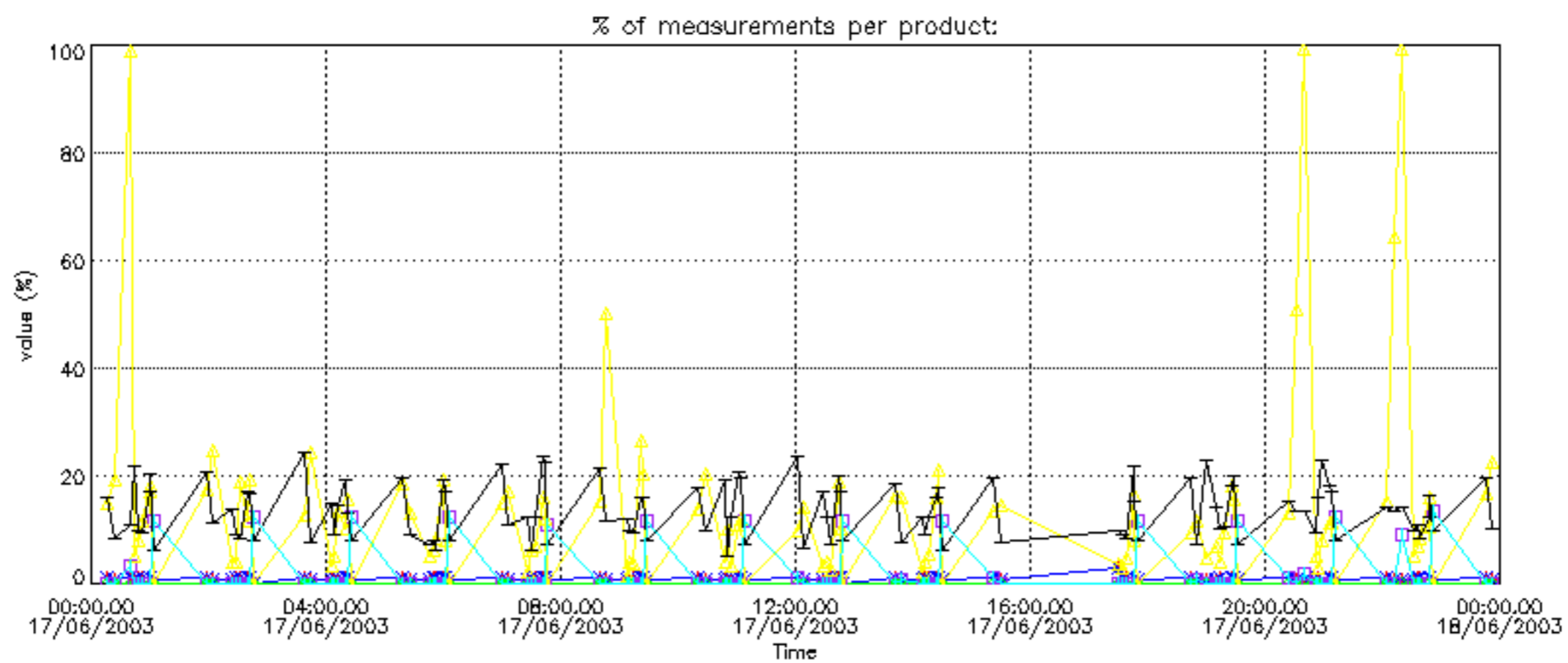
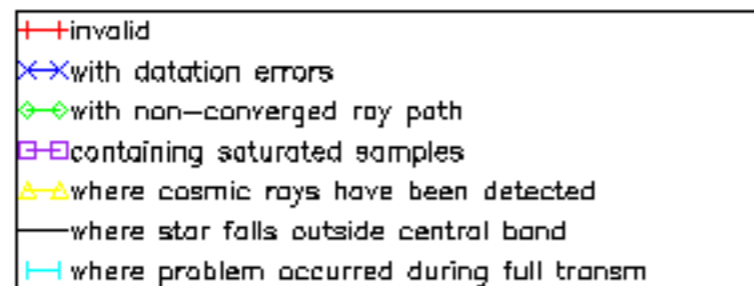


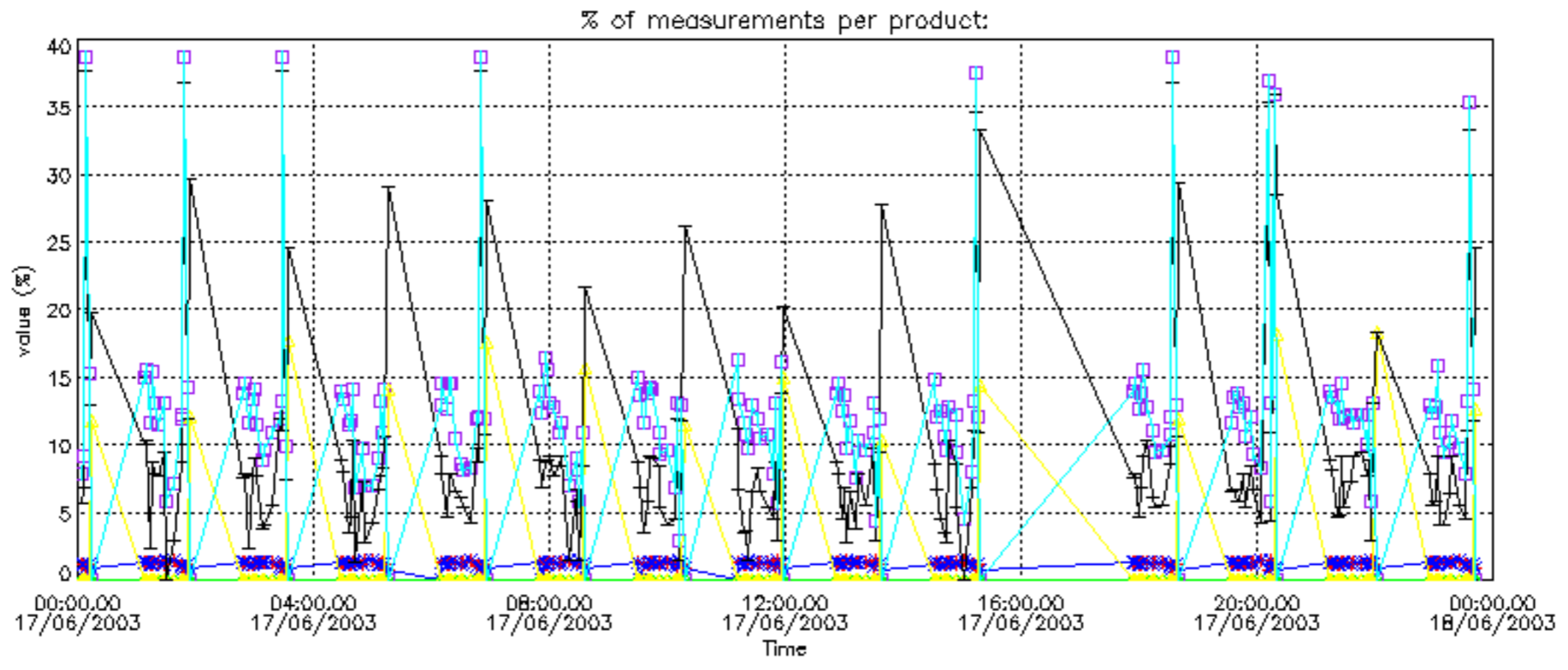
Percentage of flagged data per NO2 profile



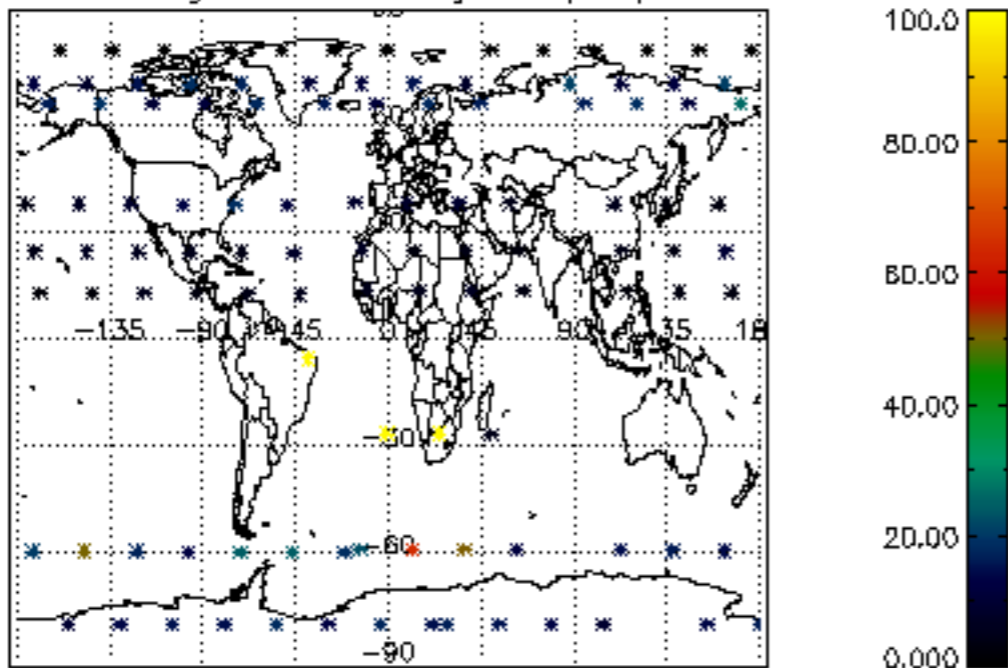
Percentage of flagged data per NO3 profile



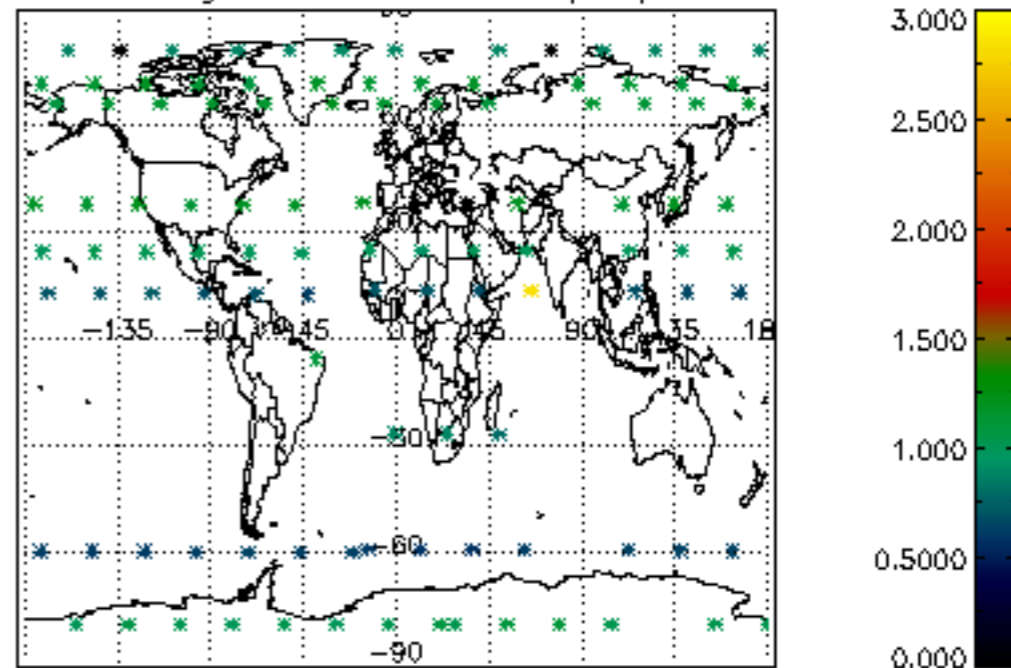




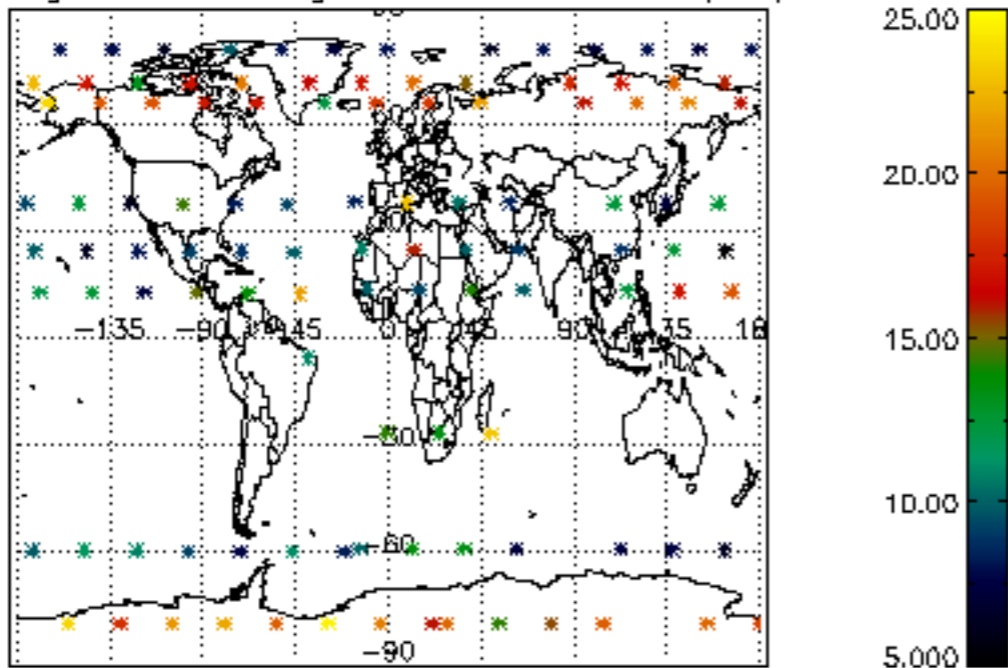
Percentage of cosmic ray hits per profile



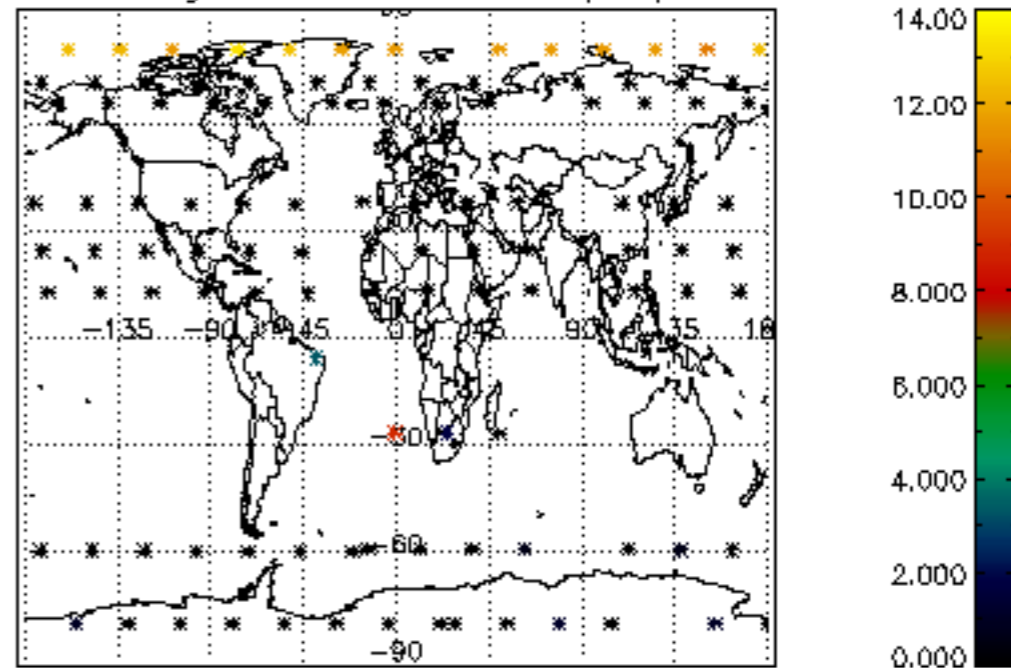
Percentage of datation errors per profile



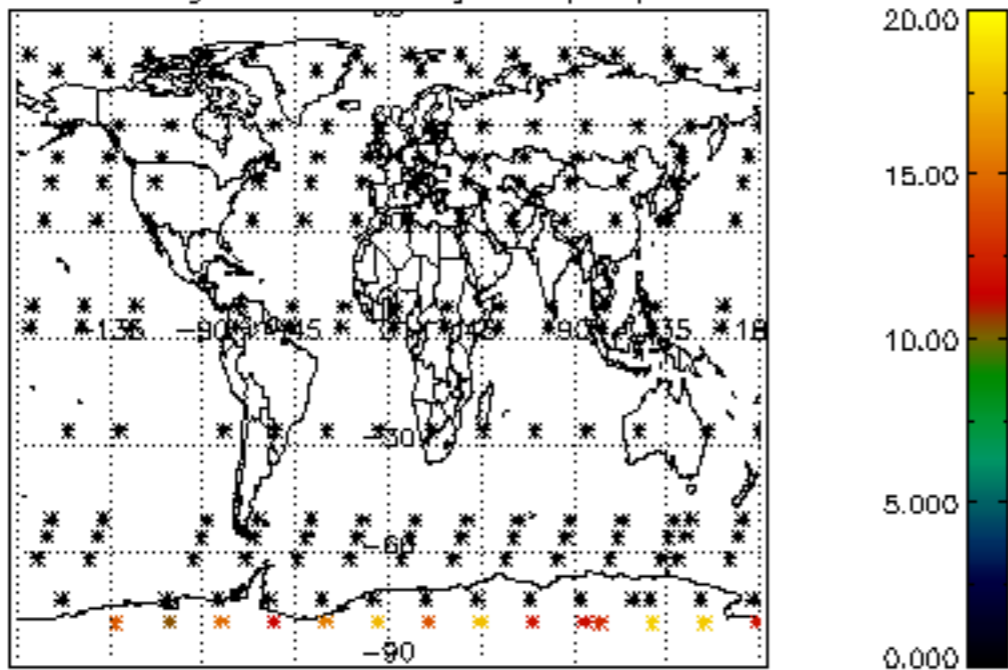
Percentage of star falling outside central band per profile



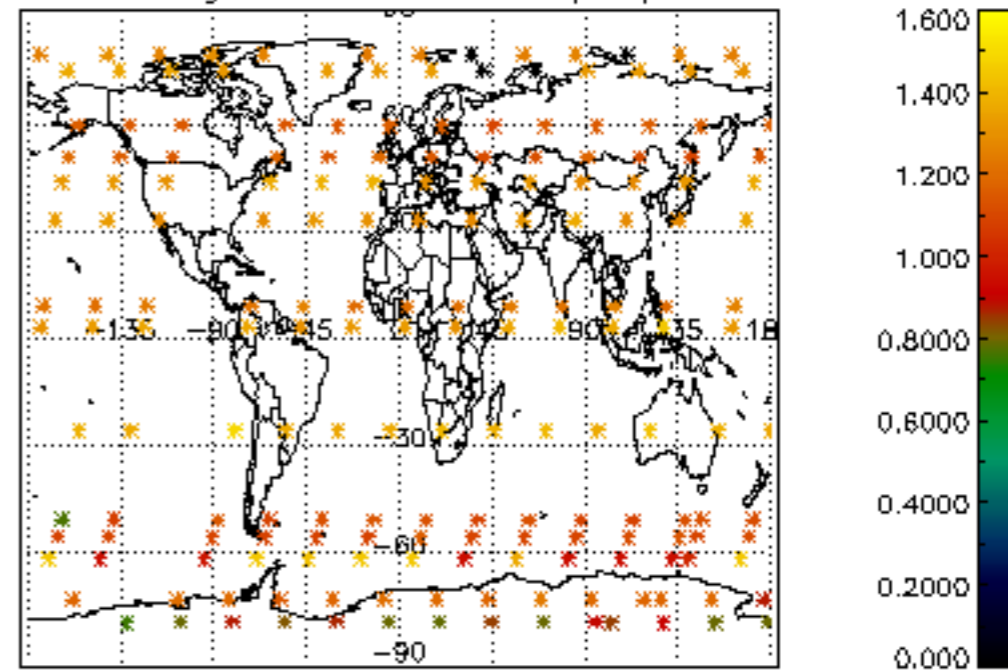
Percentage of saturation errors per profile



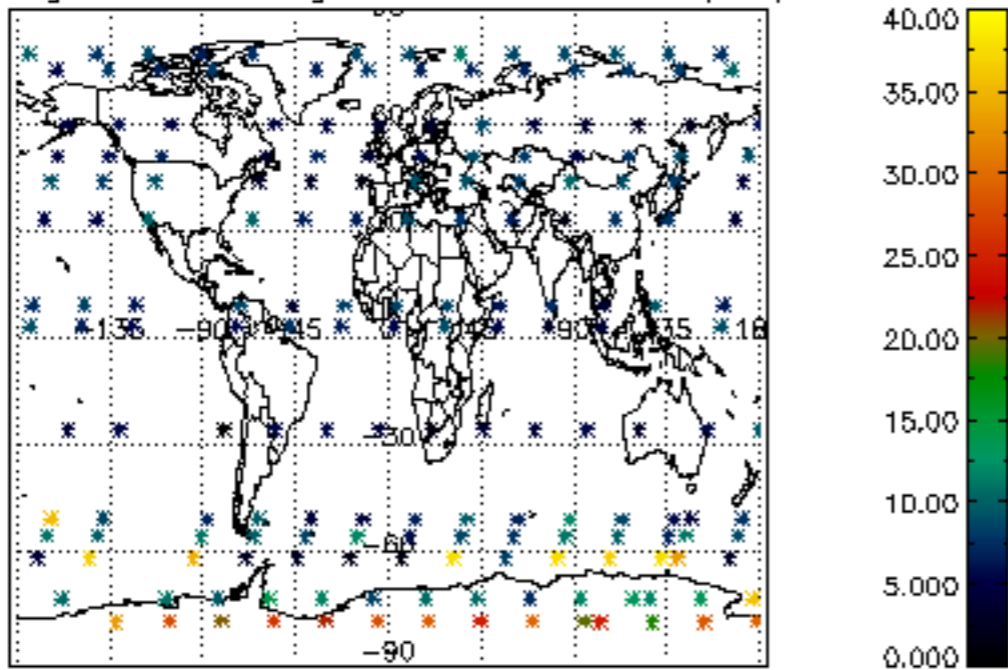
Percentage of cosmic ray hits per profile



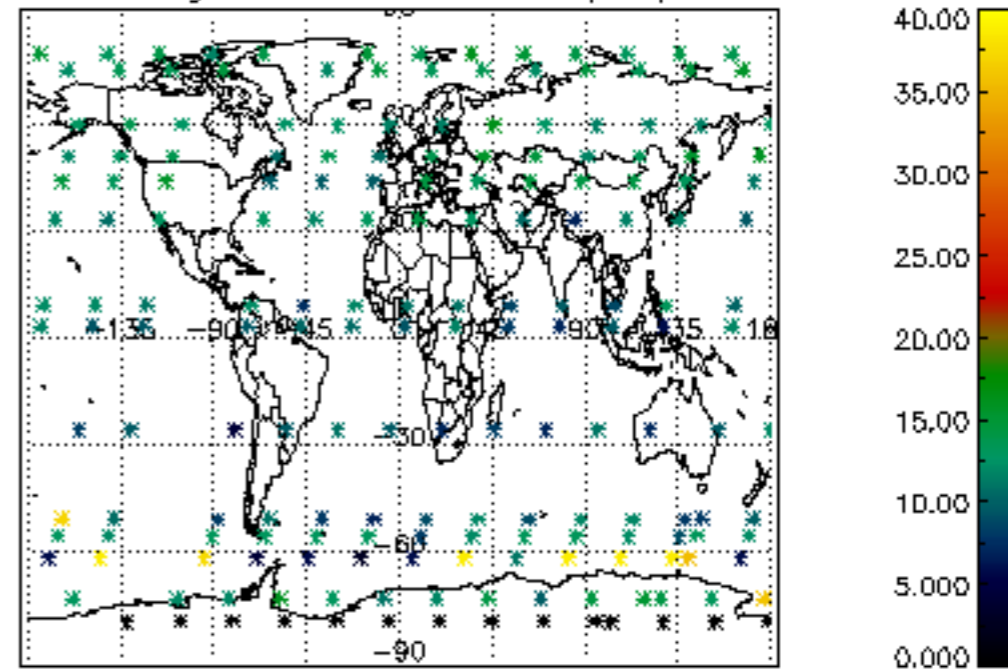
Percentage of datation errors per profile

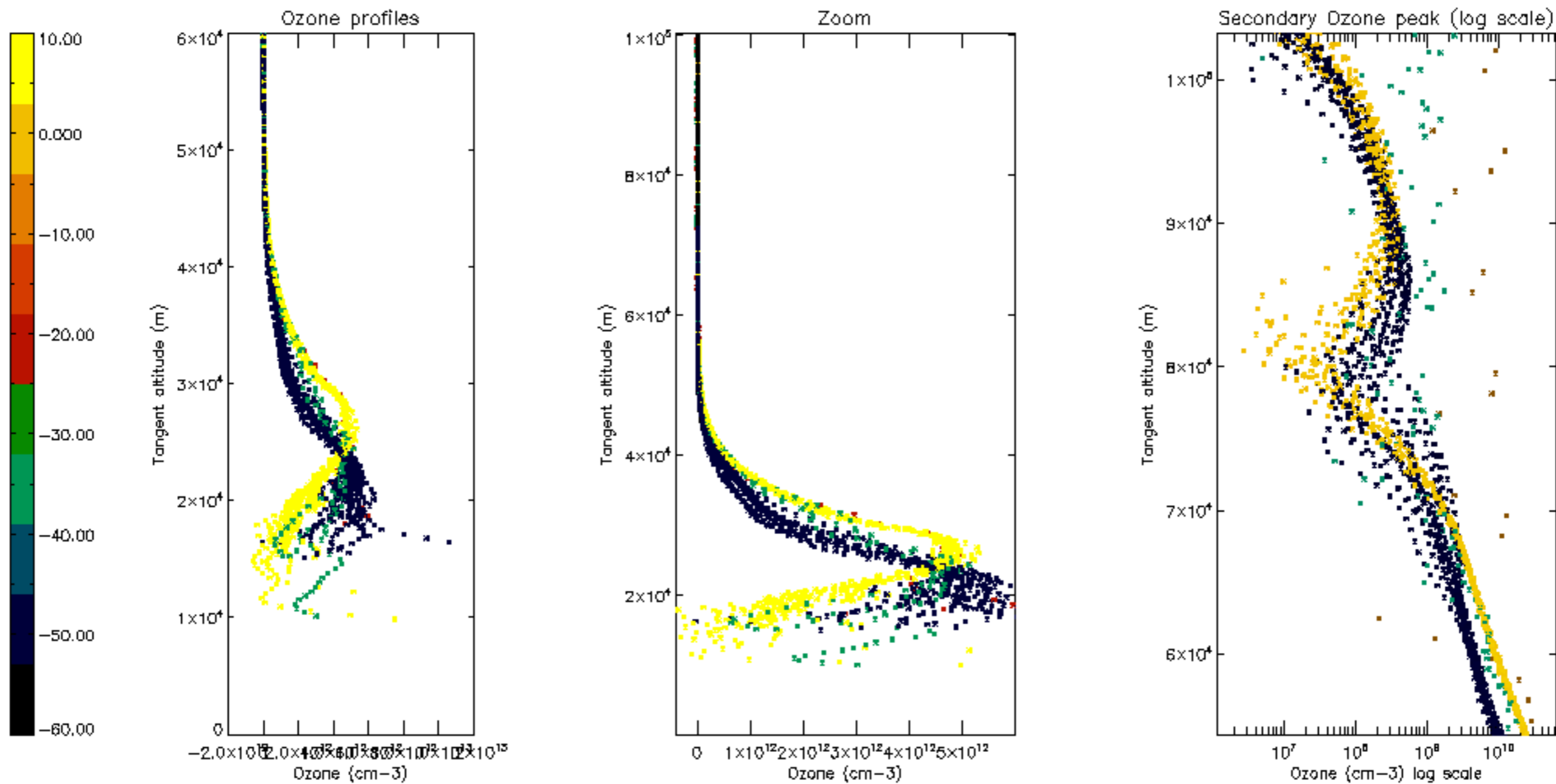


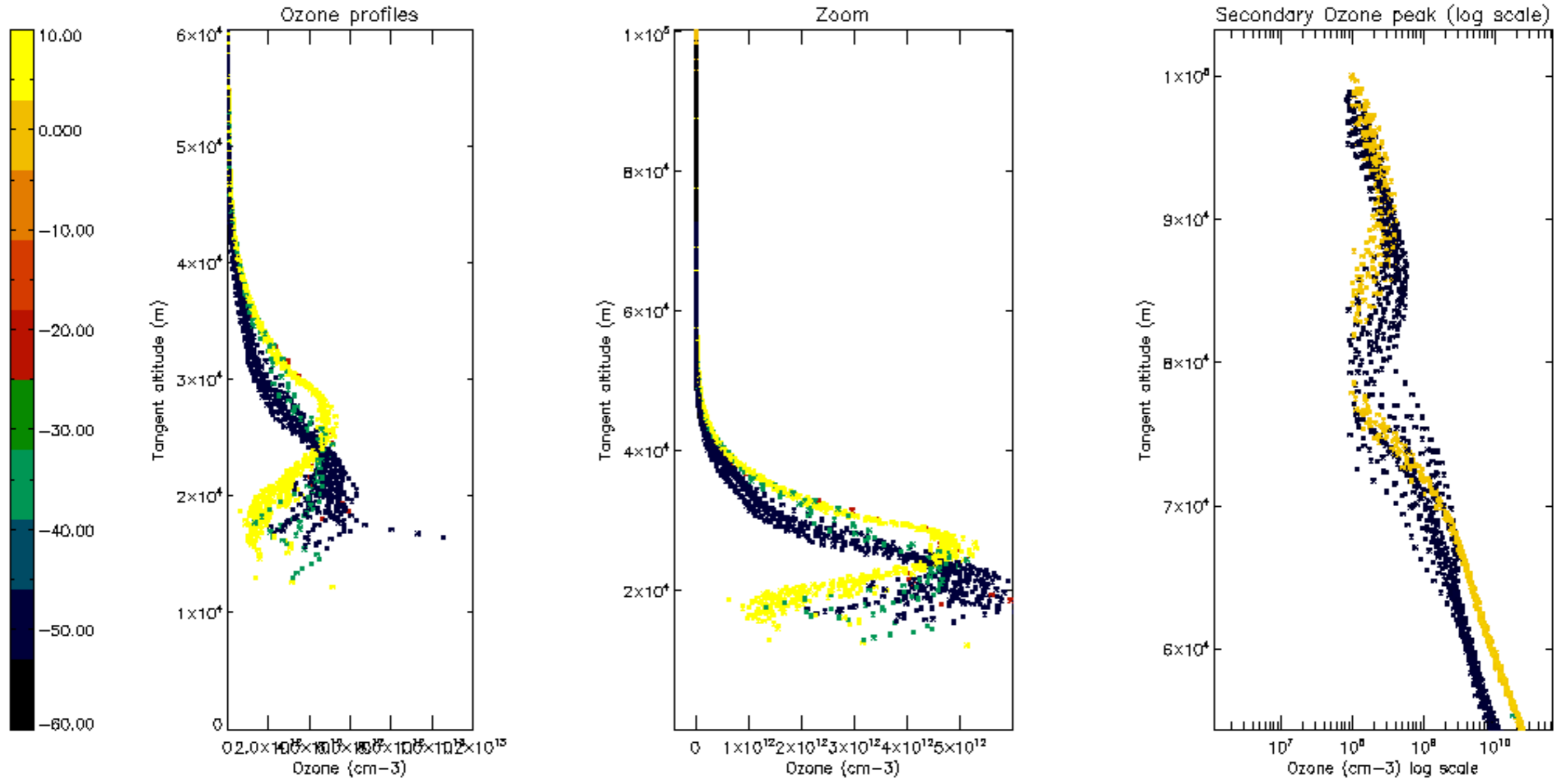
Percentage of star falling outside central band per profile

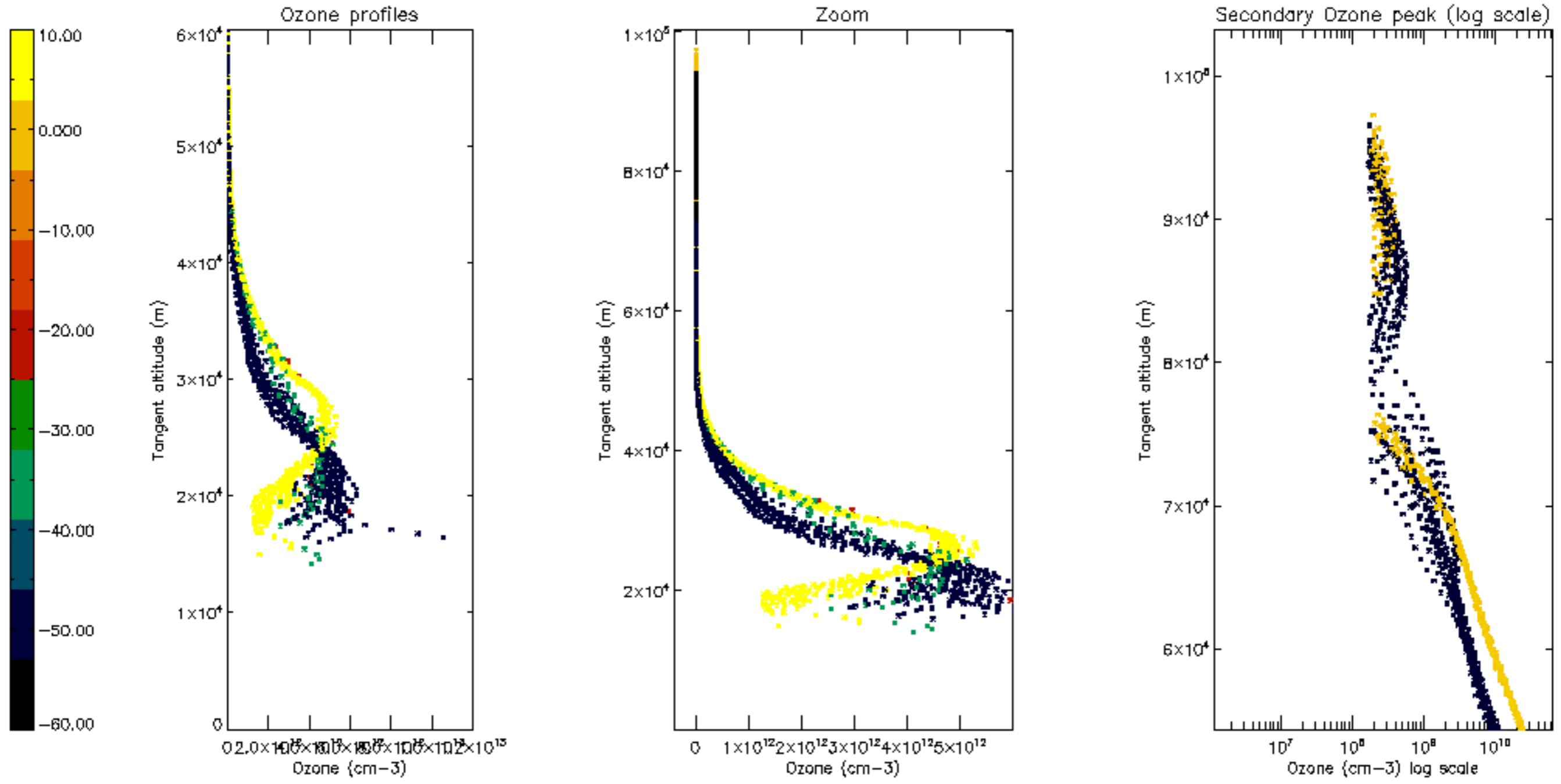


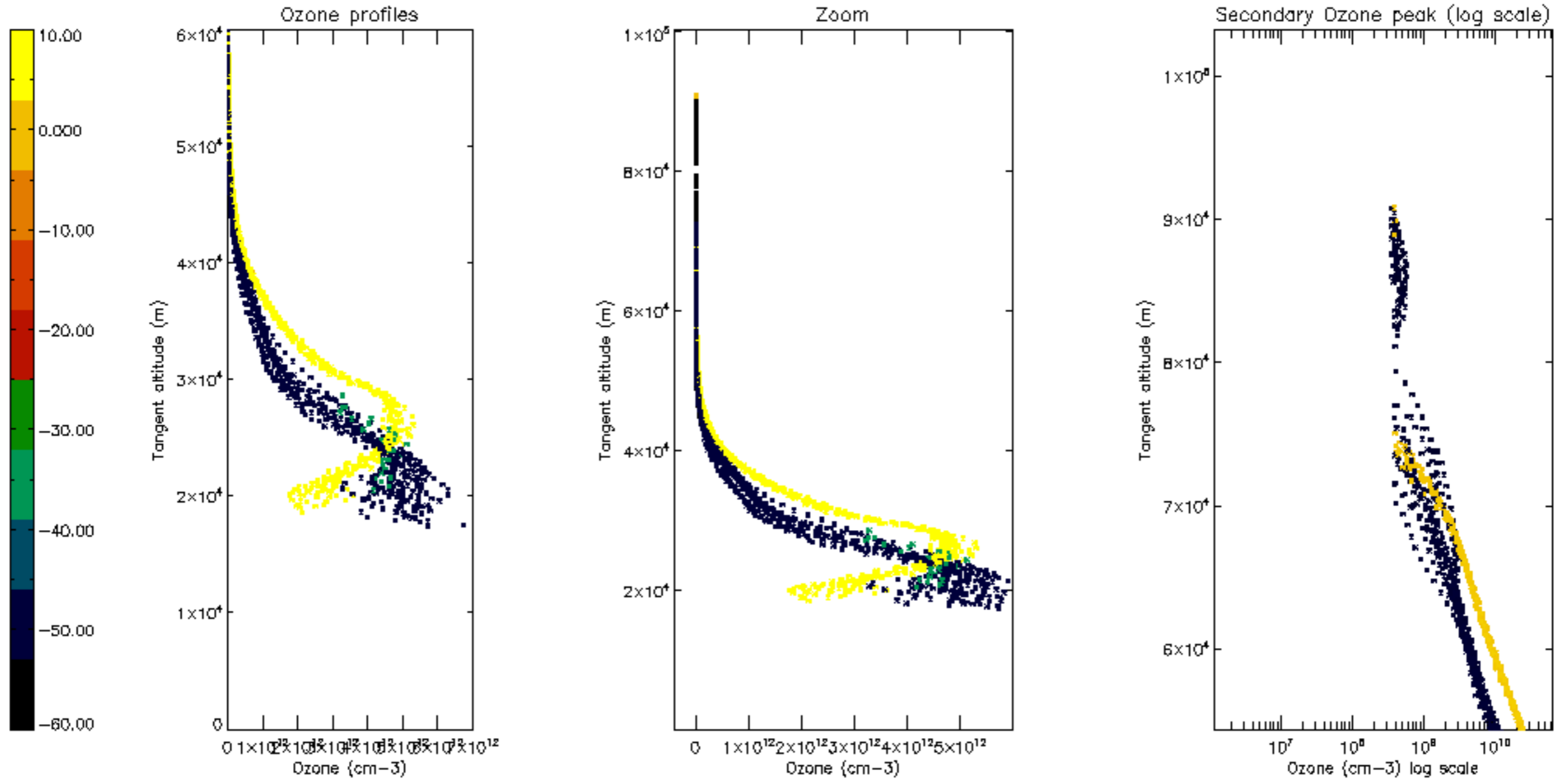
Percentage of saturation errors per profile

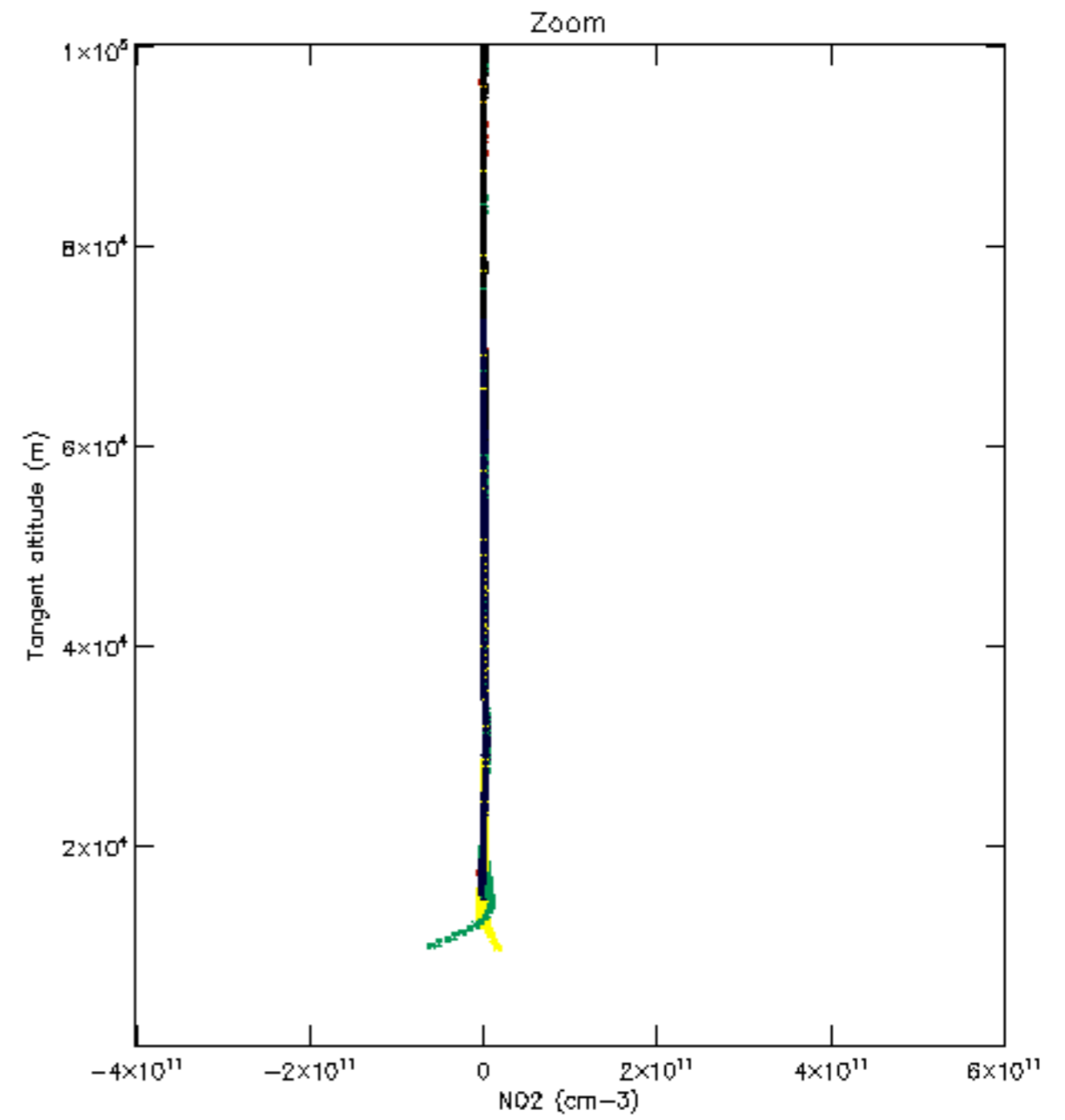
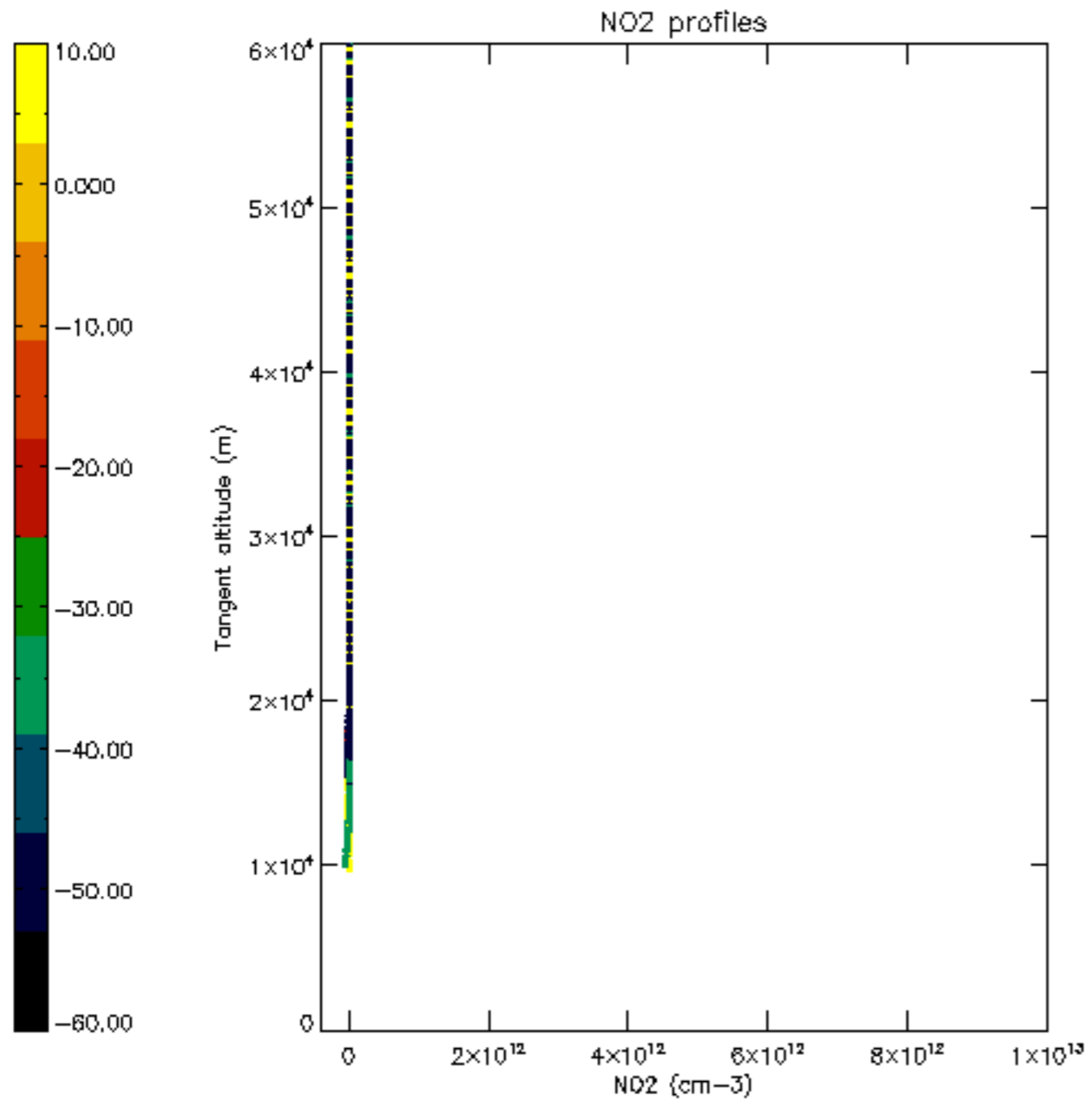


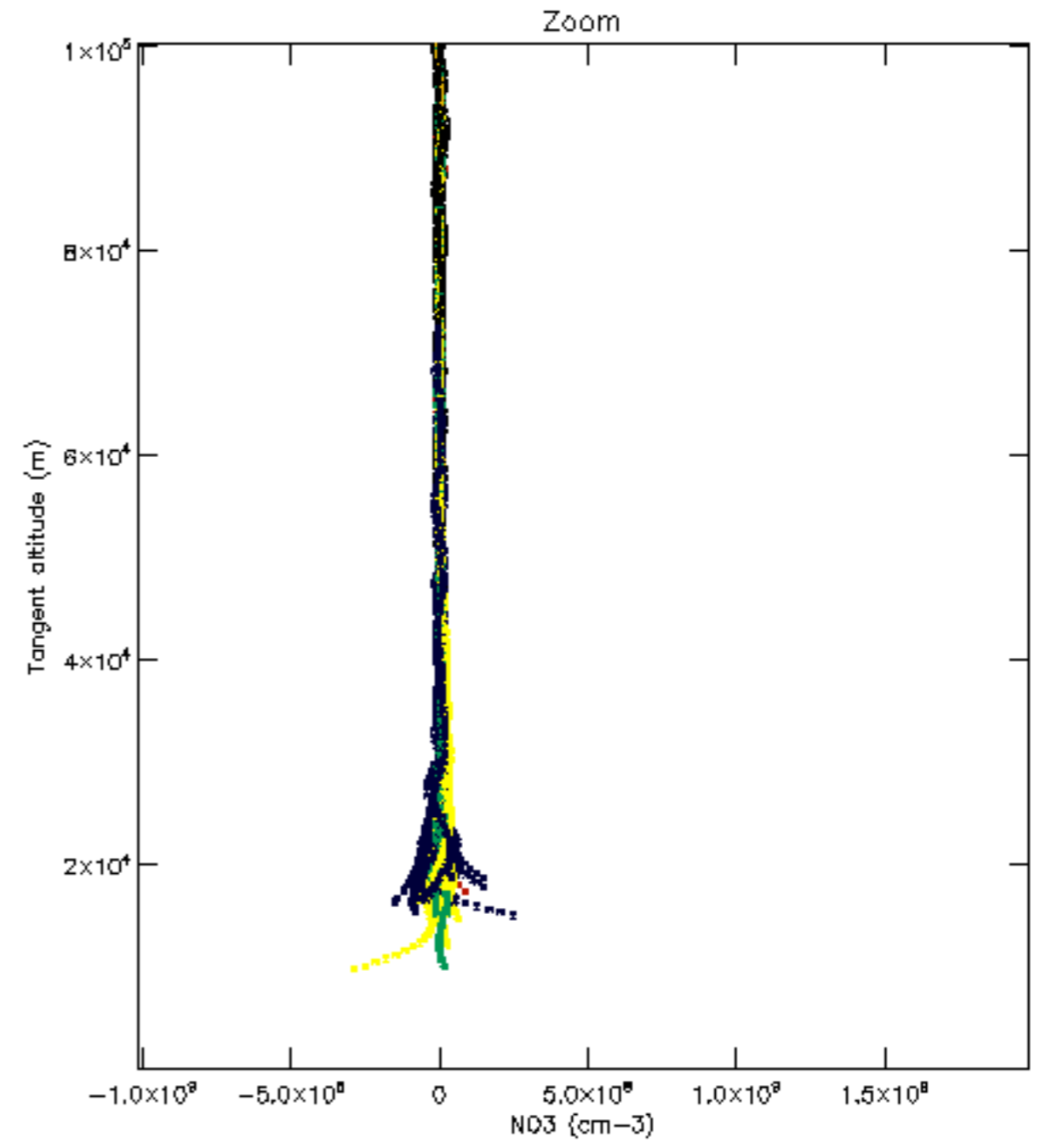
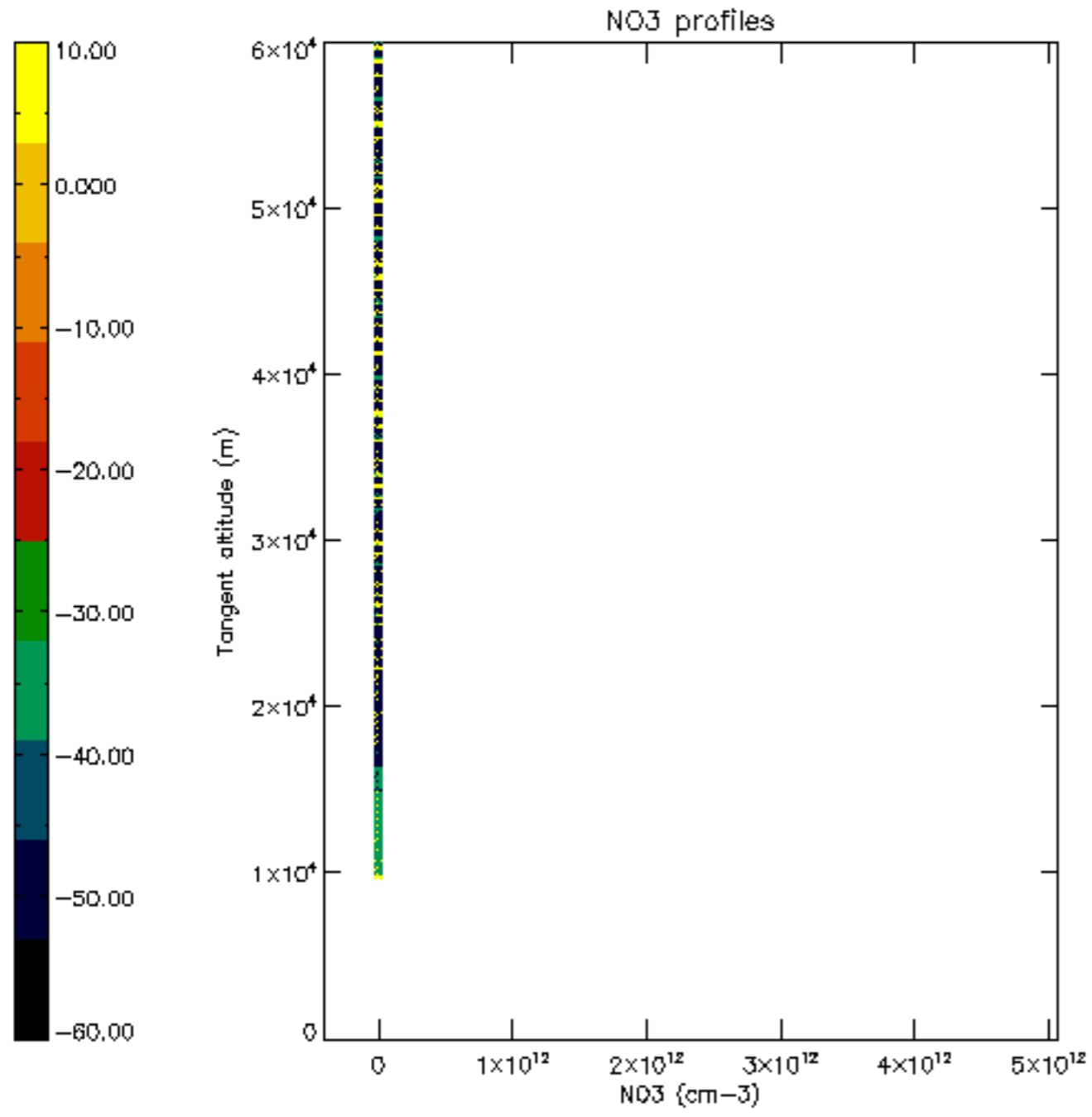


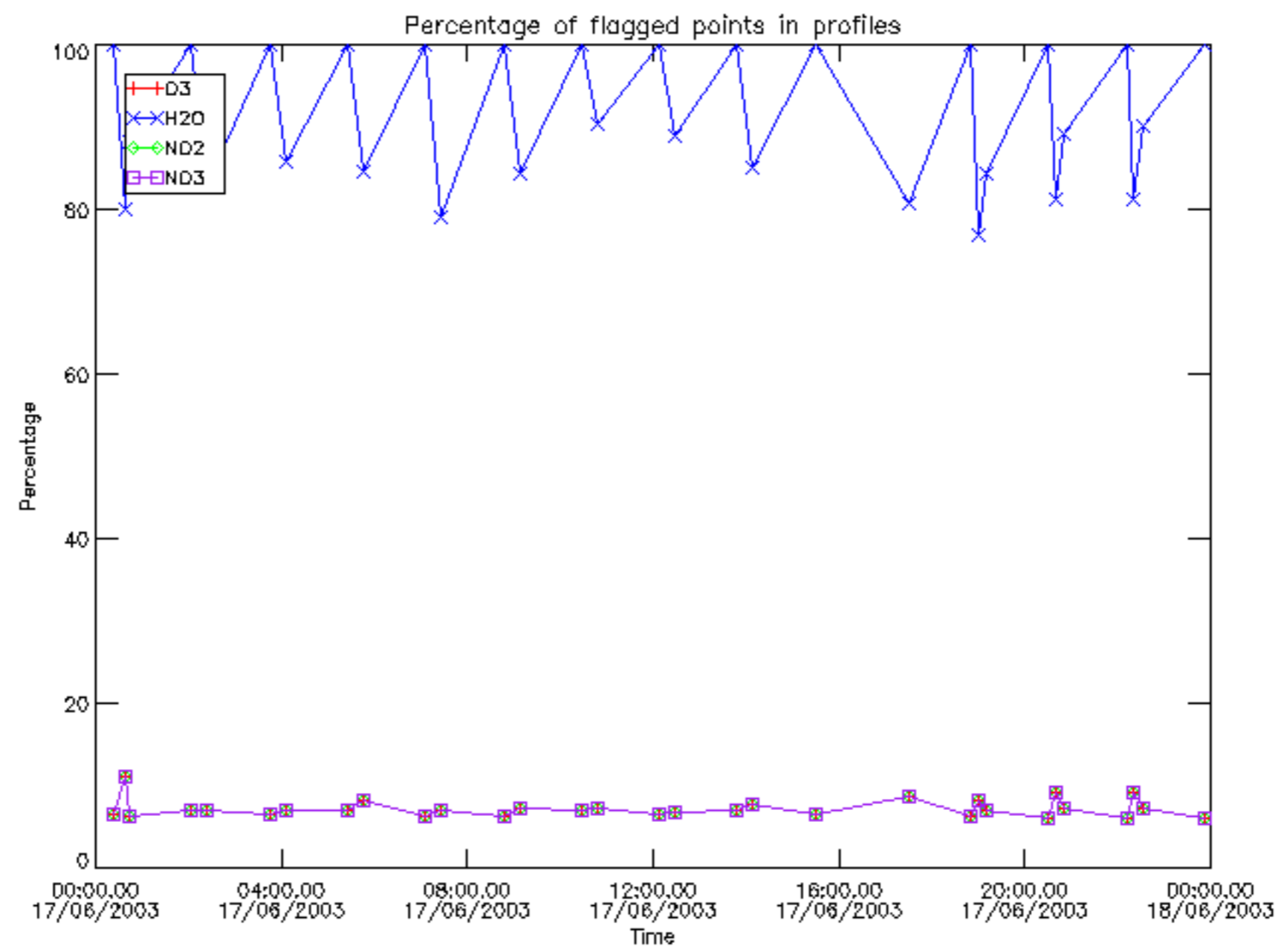




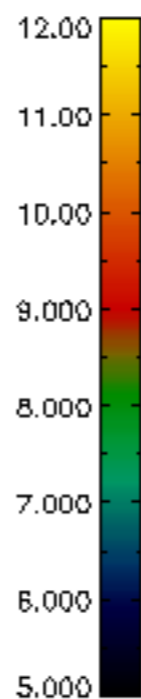
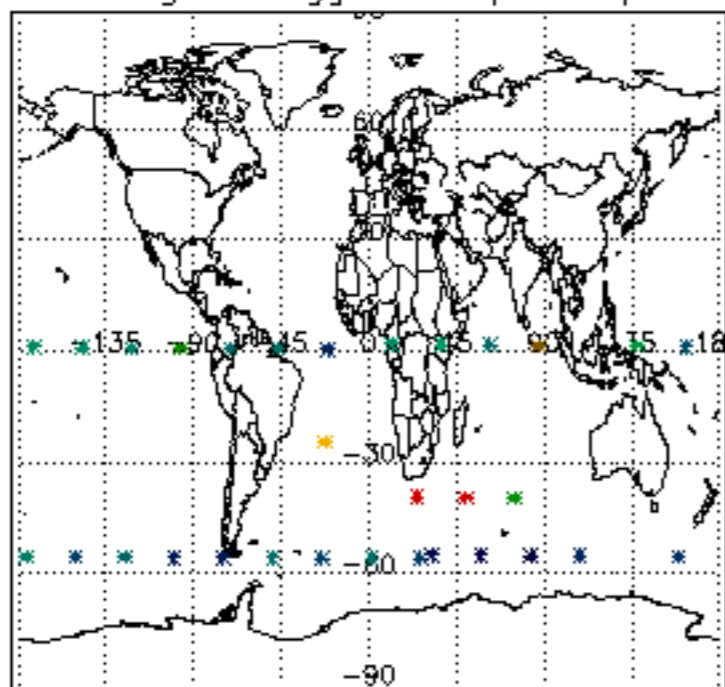




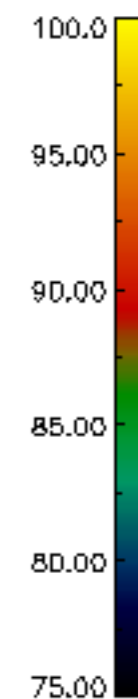
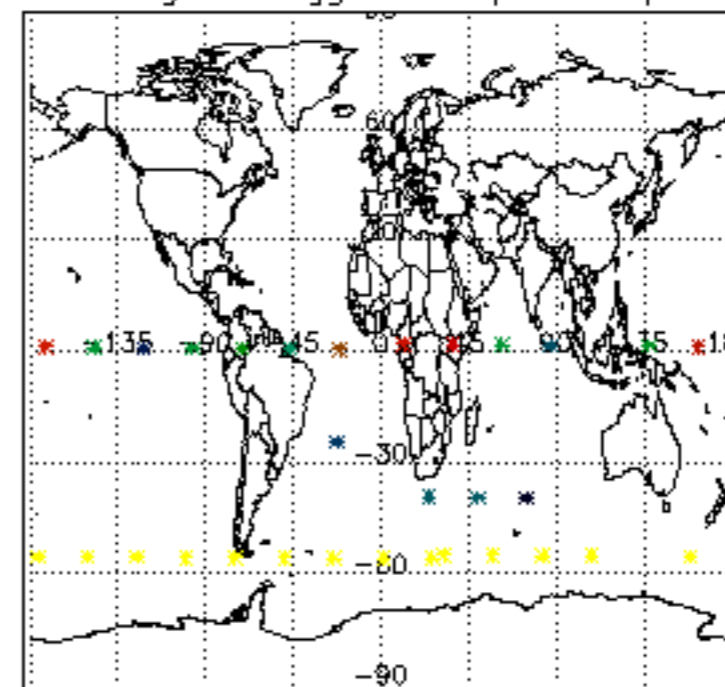




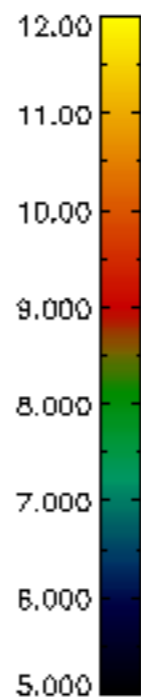
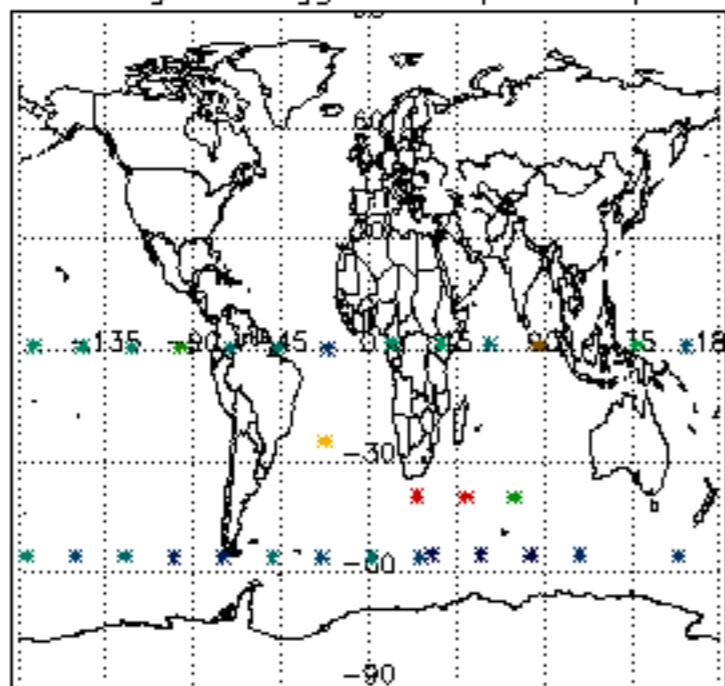
Percentage of flagged data per D3 profile



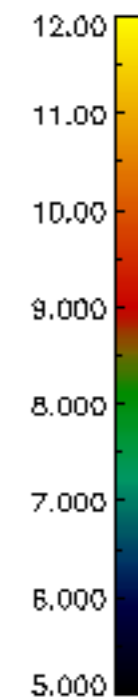
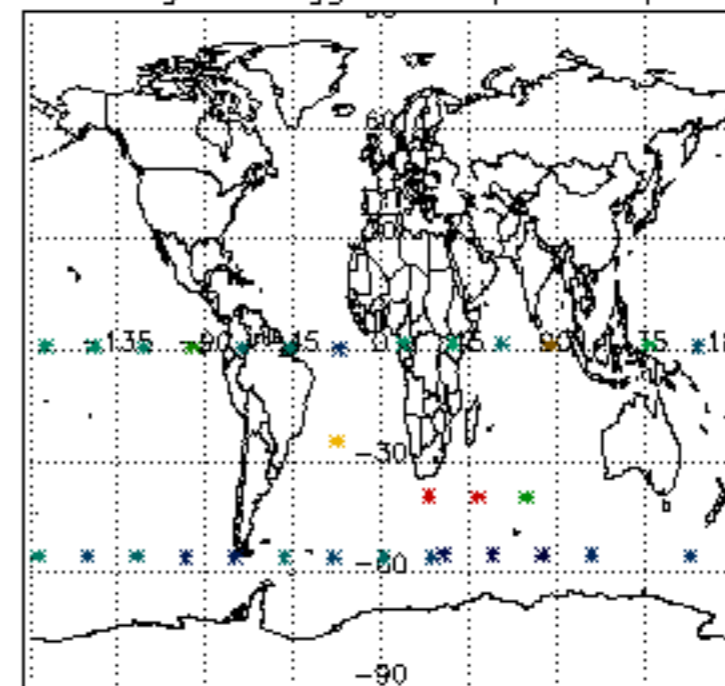
Percentage of flagged data per H2O profile

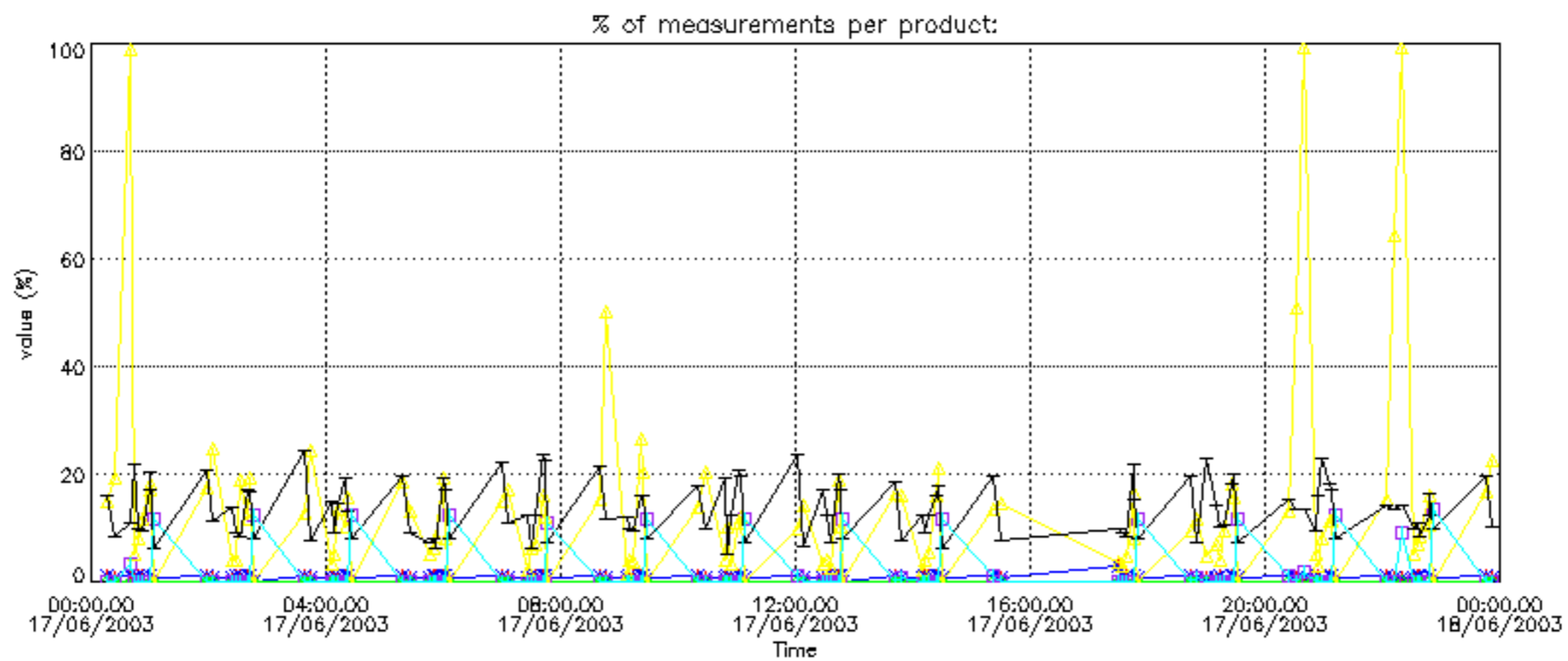
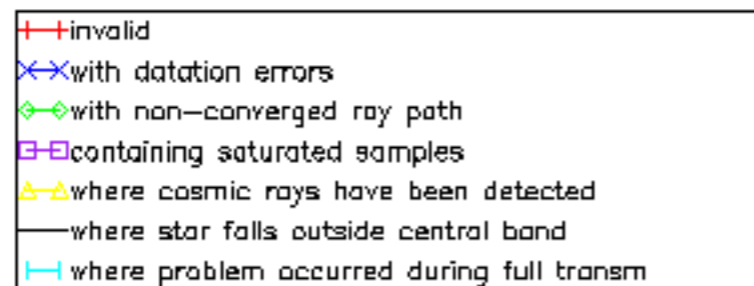


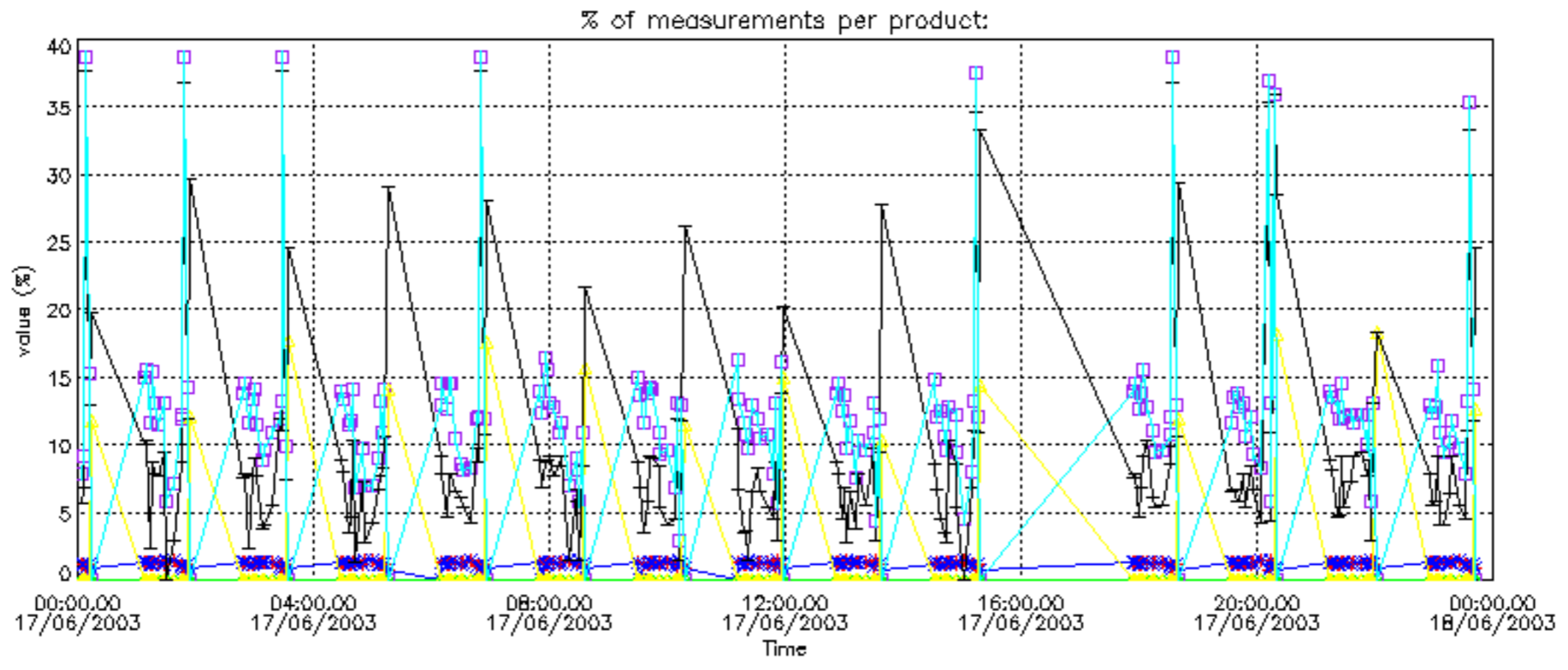
Percentage of flagged data per NO2 profile



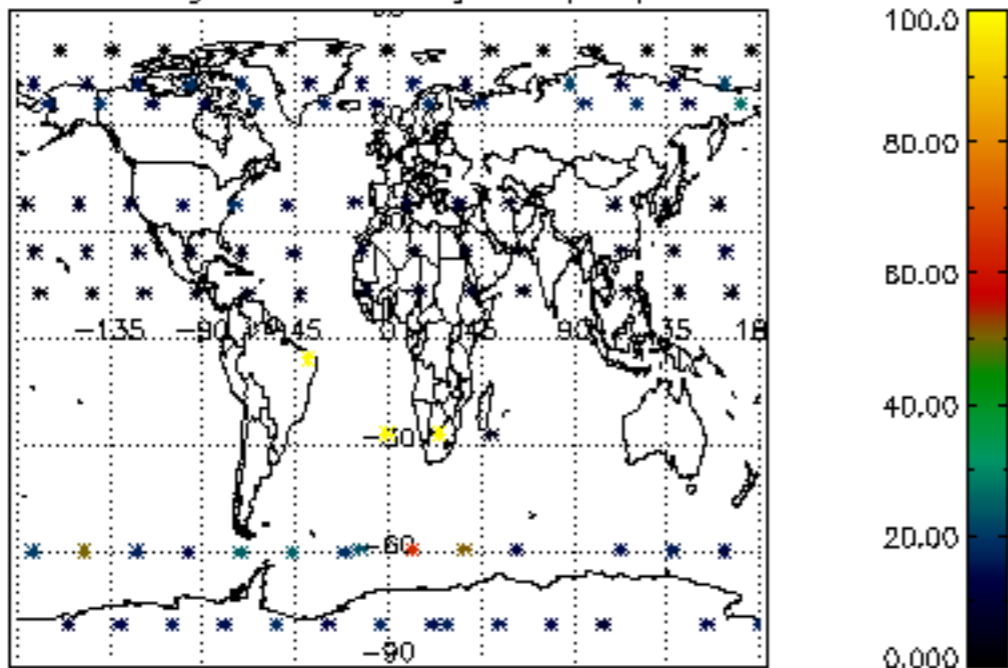
Percentage of flagged data per NO3 profile



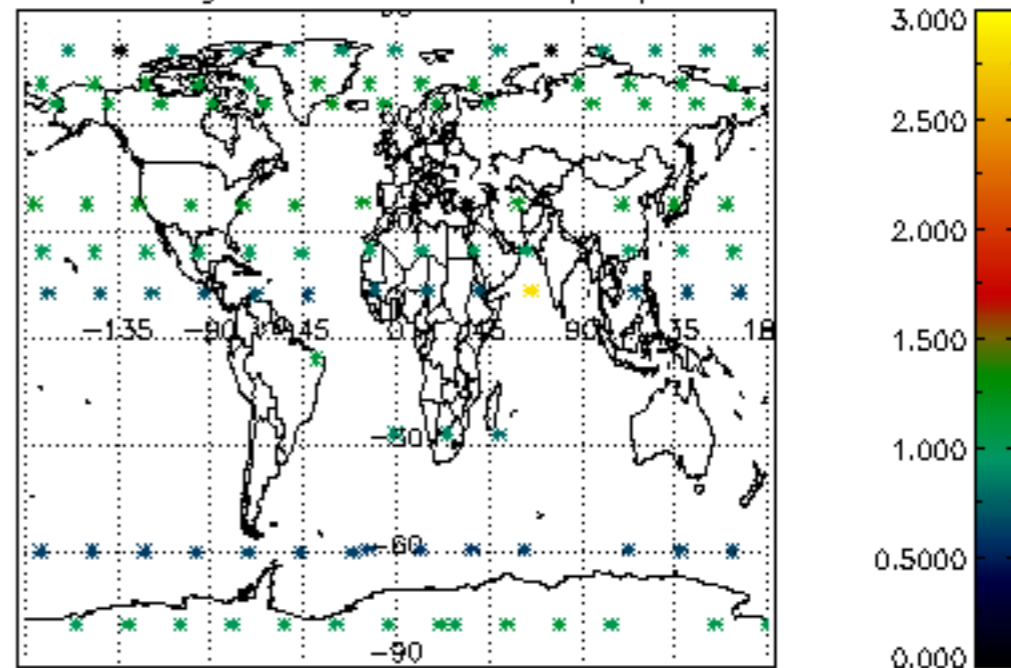




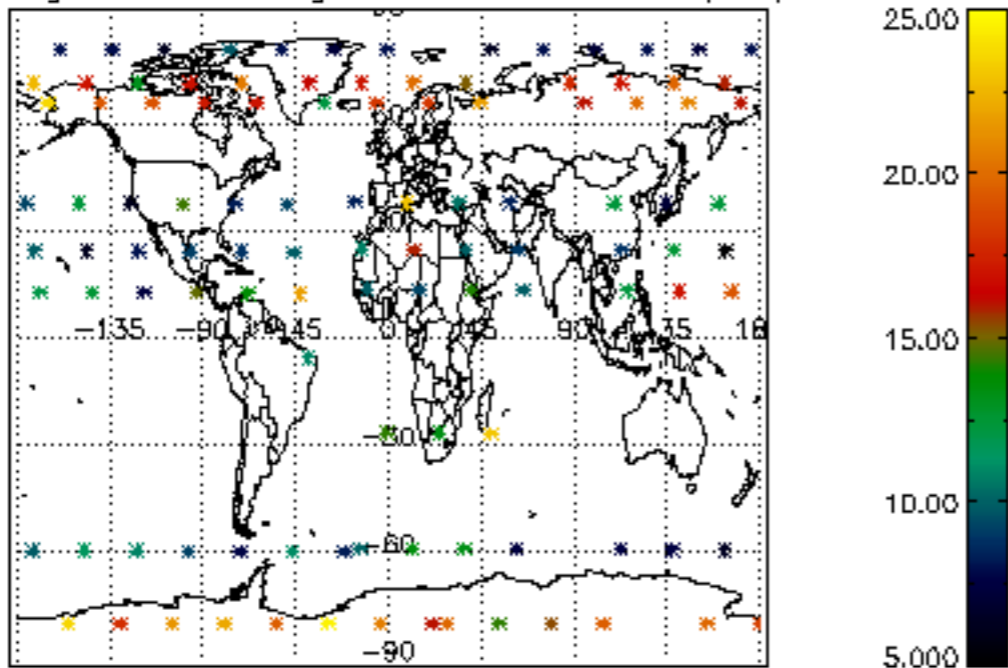
Percentage of cosmic ray hits per profile



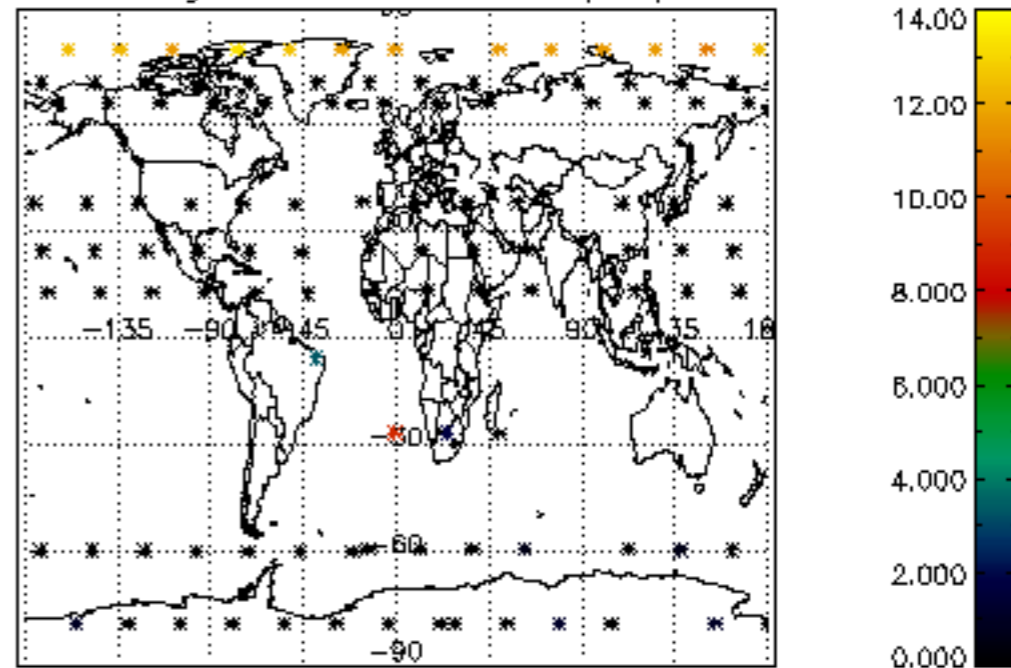
Percentage of datation errors per profile



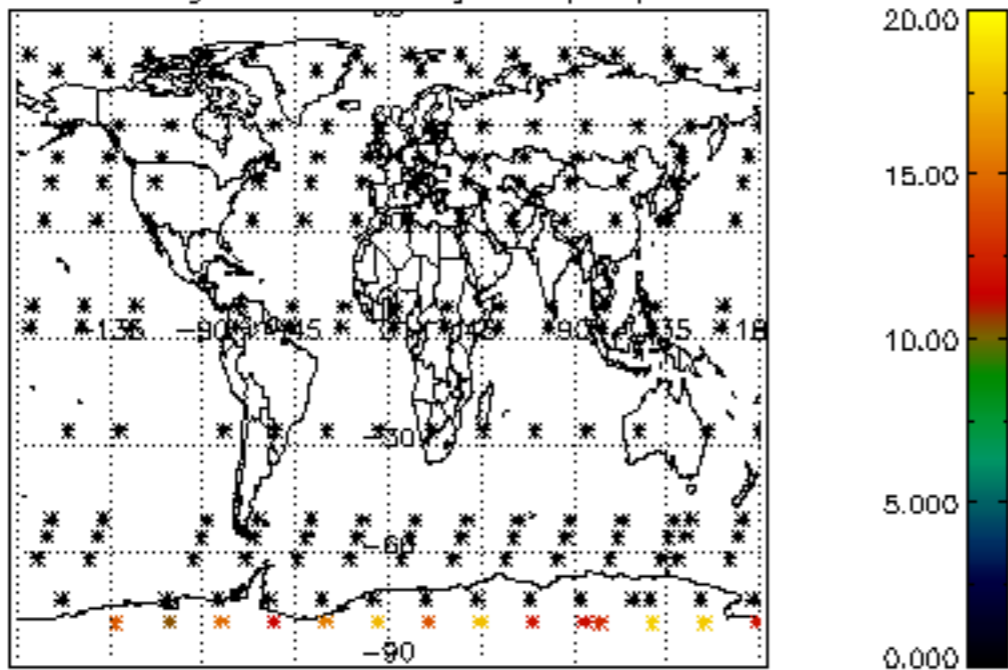
Percentage of star falling outside central band per profile



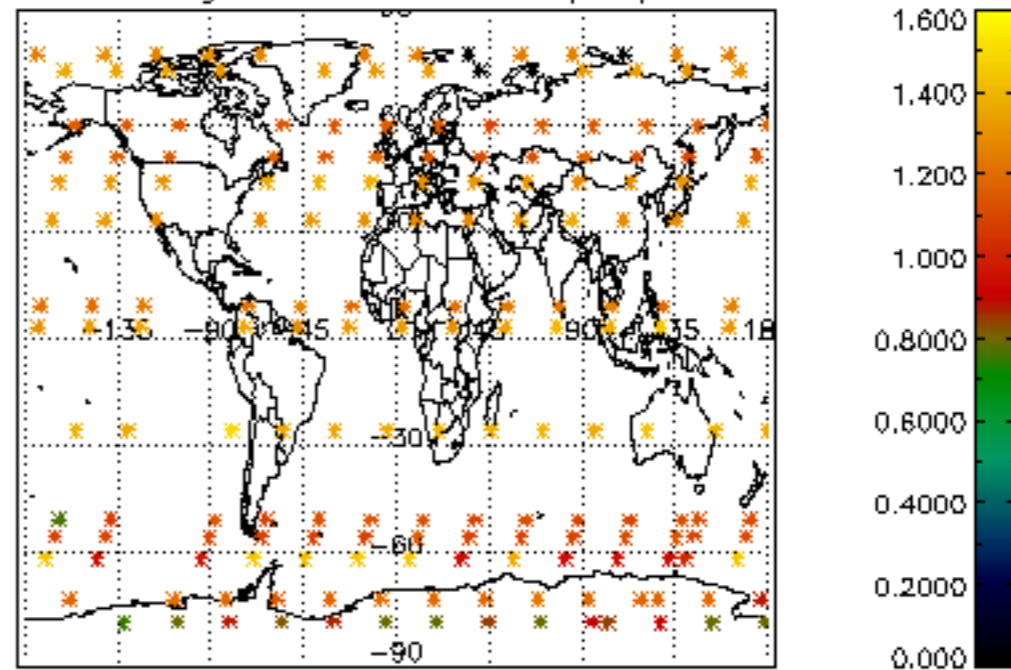
Percentage of saturation errors per profile



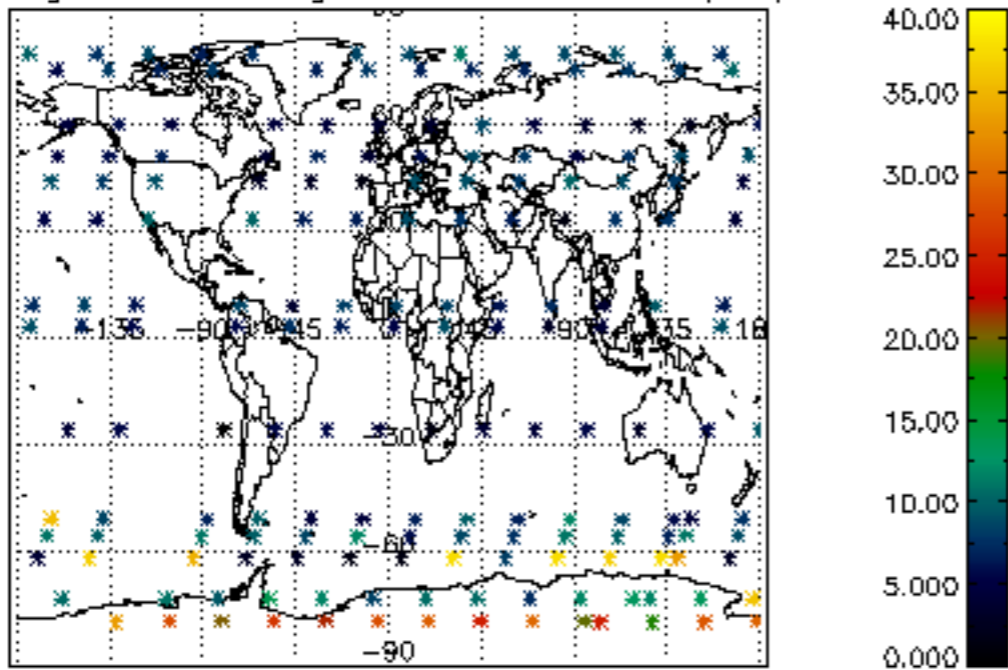
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

