

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 09:11:31
Data source version	GOMOS/6.01
Start time of products	01-05-2009 (01MAY2009 00:00:00)
Stop time of products	02-05-2009 (02MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	212
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__2PRFIN20090501_000035_000000352078_00345_37473_1491.N1	01-MAY-2009 00:00:35	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37473	No
2	GOM_NL__2PRFIN20090501_000919_000000542078_00345_37473_1492.N1	01-MAY-2009 00:09:19	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	37473	No
3	GOM_NL__2PRFIN20090501_001145_000000482078_00345_37473_1493.N1	01-MAY-2009 00:11:45	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	37473	No
4	GOM_NL__2PRFIN20090501_001529_000000612078_00345_37473_1494.N1	01-MAY-2009 00:15:29	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	37473	No
5	GOM_NL__2PRFIN20090501_003831_000000522078_00346_37474_1497.N1	01-MAY-2009 00:38:31	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37474	No
6	GOM_NL__2PRFIN20090501_004016_000000612078_00346_37474_1498.N1	01-MAY-2009 00:40:16	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	37474	No
7	GOM_NL__2PRFIN20090501_004323_000000592078_00346_37474_1499.N1	01-MAY-2009 00:43:23	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37474	No
8	GOM_NL__2PRFIN20090501_004708_000000462078_00346_37474_1500.N1	01-MAY-2009 00:47:08	Twilight_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	37474	No
9	GOM_NL__2PRFIN20090501_004923_000000582078_00346_37474_1501.N1	01-MAY-2009 00:49:23	Twilight_stray	58.000	80	7Del Sco	2.3160	30000.	116	37474	No
10	GOM_NL__2PRFIN20090501_005233_000000422078_00346_37474_1502.N1	01-MAY-2009 00:52:33	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	37474	No
11	GOM_NL__2PRFIN20090501_005450_000000482078_00346_37474_1503.N1	01-MAY-2009 00:54:50	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37474	No
12	GOM_NL__2PRFIN20090501_010346_000000452078_00346_37474_1504.N1	01-MAY-2009 01:03:46	Bright	45.000	3	16Alp Boo	-0.050000	4250.0	90	37474	No
13	GOM_NL__2PRFIN20090501_010657_000000442078_00346_37474_1505.N1	01-MAY-2009 01:06:57	Bright	43.500	83		2.3780	11000.	87	37474	No
14	GOM_NL__2PRFIN20090501_010958_000000402078_00346_37474_1506.N1	01-MAY-2009 01:09:58	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37474	No
15	GOM_NL__2PRFIN20090501_011932_000000422078_00346_37474_1507.N1	01-MAY-2009 01:19:32	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37474	No
16	GOM_NL__2PRFIN20090501_012950_000000402078_00346_37474_1508.N1	01-MAY-2009 01:29:50	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	37474	No
17	GOM_NL__2PRFIN20090501_014111_000000372078_00346_37474_1509.N1	01-MAY-2009 01:41:11	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	37474	No
18	GOM_NL__2PRFIN20090501_014956_000000522078_00346_37474_1510.N1	01-MAY-2009 01:49:56	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	37474	No
19	GOM_NL__2PRFIN20090501_015222_000000472078_00346_37474_1511.N1	01-MAY-2009 01:52:22	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	37474	No
20	GOM_NL__2PRFIN20090501_015606_000000592078_00346_37474_1512.N1	01-MAY-2009 01:56:06	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	37474	No
21	GOM_NL__2PRFIN20090501_021908_000000592078_00347_37475_1513.N1	01-MAY-2009 02:19:08	Straylight	58.500	40	The Sco	1.8590	7100.0	117	37475	No
22	GOM_NL__2PRFIN20090501_022053_000000572078_00347_37475_1514.N1	01-MAY-2009 02:20:53	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37475	No
23	GOM_NL__2PRFIN20090501_022400_000000592078_00347_37475_1515.N1	01-MAY-2009 02:24:00	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37475	No
24	GOM_NL__2PRFIN20090501_022745_000000462078_00347_37475_1516.N1	01-MAY-2009 02:27:45	Twilight_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	37475	No
25	GOM_NL__2PRFIN20090501_022959_000000572078_00347_37475_1517.N1	01-MAY-2009 02:29:59	Twilight_stray	56.500	80	7Del Sco	2.3160	30000.	113	37475	No
26	GOM_NL__2PRFIN20090501_023309_000000422078_00347_37475_1518.N1	01-MAY-2009 02:33:09	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37475	No
27	GOM_NL__2PRFIN20090501_023526_000000502078_00347_37475_1519.N1	01-MAY-2009 02:35:26	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37475	No
28	GOM_NL__2PRFIN20090501_024422_000000402078_00347_37475_1520.N1	01-MAY-2009 02:44:22	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	37475	No
29	GOM_NL__2PRFIN20090501_024733_000000432078_00347_37475_1521.N1	01-MAY-2009 02:47:33	Bright	42.500	83		2.3780	11000.	85	37475	No
30	GOM_NL__2PRFIN20090501_025033_000000422078_00347_37475_1522.N1	01-MAY-2009 02:50:33	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37475	No
31	GOM_NL__2PRFIN20090501_030007_000000442078_00347_37475_1523.N1	01-MAY-2009 03:00:07	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37475	No
32	GOM_NL__2PRFIN20090501_031026_000000522078_00347_37475_1524.N1	01-MAY-2009 03:10:26	Bright	51.500	89	5Alp Cep	2.4510	8000.0	103	37475	No
33	GOM_NL__2PRFIN20090501_032147_000000372078_00347_37475_1525.N1	01-MAY-2009 03:21:47	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	37475	No
34	GOM_NL__2PRFIN20090501_033033_000000522078_00347_37475_1526.N1	01-MAY-2009 03:30:33	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	37475	No
35	GOM_NL__2PRFIN20090501_033258_000000472078_00347_37475_1527.N1	01-MAY-2009 03:32:58	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	37475	No
36	GOM_NL__2PRFIN20090501_033643_000000592078_00347_37475_1528.N1	01-MAY-2009 03:36:43	Dark	58.500	154	22Bet Aqr	2.8990	5700.0	117	37475	No
37	GOM_NL__2PRFIN20090501_035945_000000542078_00348_37476_1527.N1	01-MAY-2009 03:59:45	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37476	No
38	GOM_NL__2PRFIN20090501_040130_000000572078_00348_37476_1528.N1	01-MAY-2009 04:01:30	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37476	No
39	GOM_NL__2PRFIN20090501_040437_000000602078_00348_37476_1529.N1	01-MAY-2009 04:04:37	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	37476	No
40	GOM_NL__2PRFIN20090501_040821_000000502078_00348_37476_1530.N1	01-MAY-2009 04:08:21	Twilight_stray	50.000	16	21Alp Sco	1.0200	3000.0	100	37476	No
41	GOM_NL__2PRFIN20090501_041036_000000562078_00348_37476_1531.N1	01-MAY-2009 04:10:36	Twilight_stray	56.000	80	7Del Sco	2.3160	30000.	112	37476	No
42	GOM_NL__2PRFIN20090501_041345_000000532078_00348_37476_1532.N1	01-MAY-2009 04:13:45	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	37476	No

43	GOM_NL__2PRFIN20090501_041602_000000462078_00348_37476_1533.N1	01-MAY-2009 04:16:02	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	37476	No
44	GOM_NL__2PRFIN20090501_042458_000000412078_00348_37476_1534.N1	01-MAY-2009 04:24:58	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	37476	No
45	GOM_NL__2PRFIN20090501_042808_000000442078_00348_37476_1535.N1	01-MAY-2009 04:28:08	Bright	44.000	83		2.3780	11000.	88	37476	No
46	GOM_NL__2PRFIN20090501_043109_000000402078_00348_37476_1536.N1	01-MAY-2009 04:31:09	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37476	No
47	GOM_NL__2PRFIN20090501_044043_000000482078_00348_37476_1537.N1	01-MAY-2009 04:40:43	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37476	No
48	GOM_NL__2PRFIN20090501_045102_000000422078_00348_37476_1538.N1	01-MAY-2009 04:51:02	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	37476	No
49	GOM_NL__2PRFIN20090501_050223_000000382078_00348_37476_1539.N1	01-MAY-2009 05:02:23	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	37476	No
50	GOM_NL__2PRFIN20090501_051110_000000552078_00348_37476_1540.N1	01-MAY-2009 05:11:10	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	37476	No
51	GOM_NL__2PRFIN20090501_051335_000000492078_00348_37476_1541.N1	01-MAY-2009 05:13:35	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37476	No
52	GOM_NL__2PRFIN20090501_051720_000000642078_00348_37476_1542.N1	01-MAY-2009 05:17:20	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	37476	No
53	GOM_NL__2PRFIN20090501_054022_000000562078_00349_37477_1542.N1	01-MAY-2009 05:40:22	Straylight	55.500	40	The Sco	1.8590	7100.0	111	37477	No
54	GOM_NL__2PRFIN20090501_054207_000000632078_00349_37477_1543.N1	01-MAY-2009 05:42:07	Straylight	62.500	25	35Lam Sco	1.6200	28000.	125	37477	No
55	GOM_NL__2PRFIN20090501_054513_000000582078_00349_37477_1544.N1	01-MAY-2009 05:45:13	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	37477	No
56	GOM_NL__2PRFIN20090501_054858_000000502078_00349_37477_1545.N1	01-MAY-2009 05:48:58	Twi_and_stray	50.000	16	21Alp Sco	1.0200	3000.0	100	37477	No
57	GOM_NL__2PRFIN20090501_055112_000000562078_00349_37477_1546.N1	01-MAY-2009 05:51:12	Twi_and_stray	56.000	80	7Del Sco	2.3160	30000.	112	37477	No
58	GOM_NL__2PRFIN20090501_055421_000000422078_00349_37477_1547.N1	01-MAY-2009 05:54:21	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37477	No
59	GOM_NL__2PRFIN20090501_055638_000000482078_00349_37477_1548.N1	01-MAY-2009 05:56:38	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37477	No
60	GOM_NL__2PRFIN20090501_060534_000000592078_00349_37477_1549.N1	01-MAY-2009 06:05:34	Bright	59.000	3	16Alp Boo	-0.050000	4250.0	118	37477	No
61	GOM_NL__2PRFIN20090501_060844_000000462078_00349_37477_1550.N1	01-MAY-2009 06:08:44	Bright	46.000	83		2.3780	11000.	92	37477	No
62	GOM_NL__2PRFIN20090501_061145_000000392078_00349_37477_1551.N1	01-MAY-2009 06:11:45	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37477	No
63	GOM_NL__2PRFIN20090501_062118_000000442078_00349_37477_1552.N1	01-MAY-2009 06:21:18	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37477	No
64	GOM_NL__2PRFIN20090501_063137_000000422078_00349_37477_1553.N1	01-MAY-2009 06:31:37	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	37477	No
65	GOM_NL__2PRFIN20090501_064259_000000382078_00349_37477_1554.N1	01-MAY-2009 06:42:59	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	37477	No
66	GOM_NL__2PRFIN20090501_065147_000000532078_00349_37477_1555.N1	01-MAY-2009 06:51:47	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	37477	No
67	GOM_NL__2PRFIN20090501_065412_000000472078_00349_37477_1556.N1	01-MAY-2009 06:54:12	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	37477	No
68	GOM_NL__2PRFIN20090501_065757_000000592078_00349_37477_1557.N1	01-MAY-2009 06:57:57	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	37477	No
69	GOM_NL__2PRFIN20090501_072058_000000572078_00350_37478_1556.N1	01-MAY-2009 07:20:58	Straylight	57.000	40	The Sco	1.8590	7100.0	114	37478	No
70	GOM_NL__2PRFIN20090501_072244_000000622078_00350_37478_1557.N1	01-MAY-2009 07:22:44	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37478	No
71	GOM_NL__2PRFIN20090501_072550_000000602078_00350_37478_1558.N1	01-MAY-2009 07:25:50	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	37478	No
72	GOM_NL__2PRFIN20090501_072934_000000532078_00350_37478_1559.N1	01-MAY-2009 07:29:34	Twi_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	37478	No
73	GOM_NL__2PRFIN20090501_073148_000000602078_00350_37478_1560.N1	01-MAY-2009 07:31:48	Twi_and_stray	59.500	80	7Del Sco	2.3160	30000.	119	37478	No
74	GOM_NL__2PRFIN20090501_073457_000000442078_00350_37478_1561.N1	01-MAY-2009 07:34:57	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37478	No
75	GOM_NL__2PRFIN20090501_073714_000000492078_00350_37478_1562.N1	01-MAY-2009 07:37:14	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	37478	No
76	GOM_NL__2PRFIN20090501_074609_000000442078_00350_37478_1563.N1	01-MAY-2009 07:46:09	Bright	44.000	3	16Alp Boo	-0.050000	4250.0	88	37478	No
77	GOM_NL__2PRFIN20090501_074919_000000462078_00350_37478_1564.N1	01-MAY-2009 07:49:19	Bright	45.500	83		2.3780	11000.	91	37478	No
78	GOM_NL__2PRFIN20090501_075220_000000402078_00350_37478_1565.N1	01-MAY-2009 07:52:20	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37478	No
79	GOM_NL__2PRFIN20090501_080153_000000452078_00350_37478_1566.N1	01-MAY-2009 08:01:53	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37478	No
80	GOM_NL__2PRFIN20090501_081213_000000502078_00350_37478_1567.N1	01-MAY-2009 08:12:13	Bright	50.000	89	5Alp Cep	2.4510	8000.0	100	37478	No
81	GOM_NL__2PRFIN20090501_082336_000000372078_00350_37478_1568.N1	01-MAY-2009 08:23:36	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	37478	No
82	GOM_NL__2PRFIN20090501_083223_000000522078_00350_37478_1569.N1	01-MAY-2009 08:32:23	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	37478	No
83	GOM_NL__2PRFIN20090501_083449_000000472078_00350_37478_1570.N1	01-MAY-2009 08:34:49	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	37478	No
84	GOM_NL__2PRFIN20090501_083835_000000652078_00350_37478_1571.N1	01-MAY-2009 08:38:35	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	37478	No
85	GOM_NL__2PRFIN20090501_104212_000000512078_00352_37480_1584.N1	01-MAY-2009 10:42:12	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37480	No
86	GOM_NL__2PRFIN20090501_104357_000000552078_00352_37480_1585.N1	01-MAY-2009 10:43:57	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37480	No
87	GOM_NL__2PRFIN20090501_104704_000000512078_00352_37480_1586.N1	01-MAY-2009 10:47:04	Straylight	51.000	75	26Eps Sco	2.2910	4250.0	102	37480	No
88	GOM_NL__2PRFIN20090501_105047_000000542078_00352_37480_1587.N1	01-MAY-2009 10:50:47	Twi_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37480	No
89	GOM_NL__2PRFIN20090501_105301_000000502078_00352_37480_1588.N1	01-MAY-2009 10:53:01	Twi_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37480	No
90	GOM_NL__2PRFIN20090501_105609_000000412078_00352_37480_1589.N1	01-MAY-2009 10:56:09	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37480	No
91	GOM_NL__2PRFIN20090501_105826_000000472078_00352_37480_1590.N1	01-MAY-2009 10:58:26	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37480	No
92	GOM_NL__2PRFIN20090501_110720_000000592078_00352_37480_1591.N1	01-MAY-2009 11:07:20	Bright	59.000	3	16Alp Boo	-0.050000	4250.0	118	37480	No
93	GOM_NL__2PRFIN20090501_111030_000000502078_00352_37480_1592.N1	01-MAY-2009 11:10:30	Bright	50.000	83		2.3780	11000.	100	37480	No
94	GOM_NL__2PRFIN20090501_111331_000000402078_00352_37480_1593.N1	01-MAY-2009 11:13:31	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37480	No
95	GOM_NL__2PRFIN20090501_112304_000000462078_00352_37480_1594.N1	01-MAY-2009 11:23:04	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37480	No
96	GOM_NL__2PRFIN20090501_113324_000000372078_00352_37480_1595.N1	01-MAY-2009 11:33:24	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37480	No
97	GOM_NL__2PRFIN20090501_114448_000000352078_00352_37480_1596.N1	01-MAY-2009 11:44:48	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37480	No
98	GOM_NL__2PRFIN20090501_115337_000000492078_00352_37480_1597.N1	01-MAY-2009 11:53:37	Dark	48.500	61	8Eps Peg	2.1000	3900.0	97	37480	No
99	GOM_NL__2PRFIN20090501_115602_000000442078_00352_37480_1598.N1	01-MAY-2009 11:56:02	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37480	No
100	GOM_NL__2PRFIN20090501_115949_000000542078_00352_37480_1599.N1	01-MAY-2009 11:59:49	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37480	No
101	GOM_NL__2PRFIN20090501_122249_000000512078_00353_37481_1615.N1	01-MAY-2009 12:22:49	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37481	No

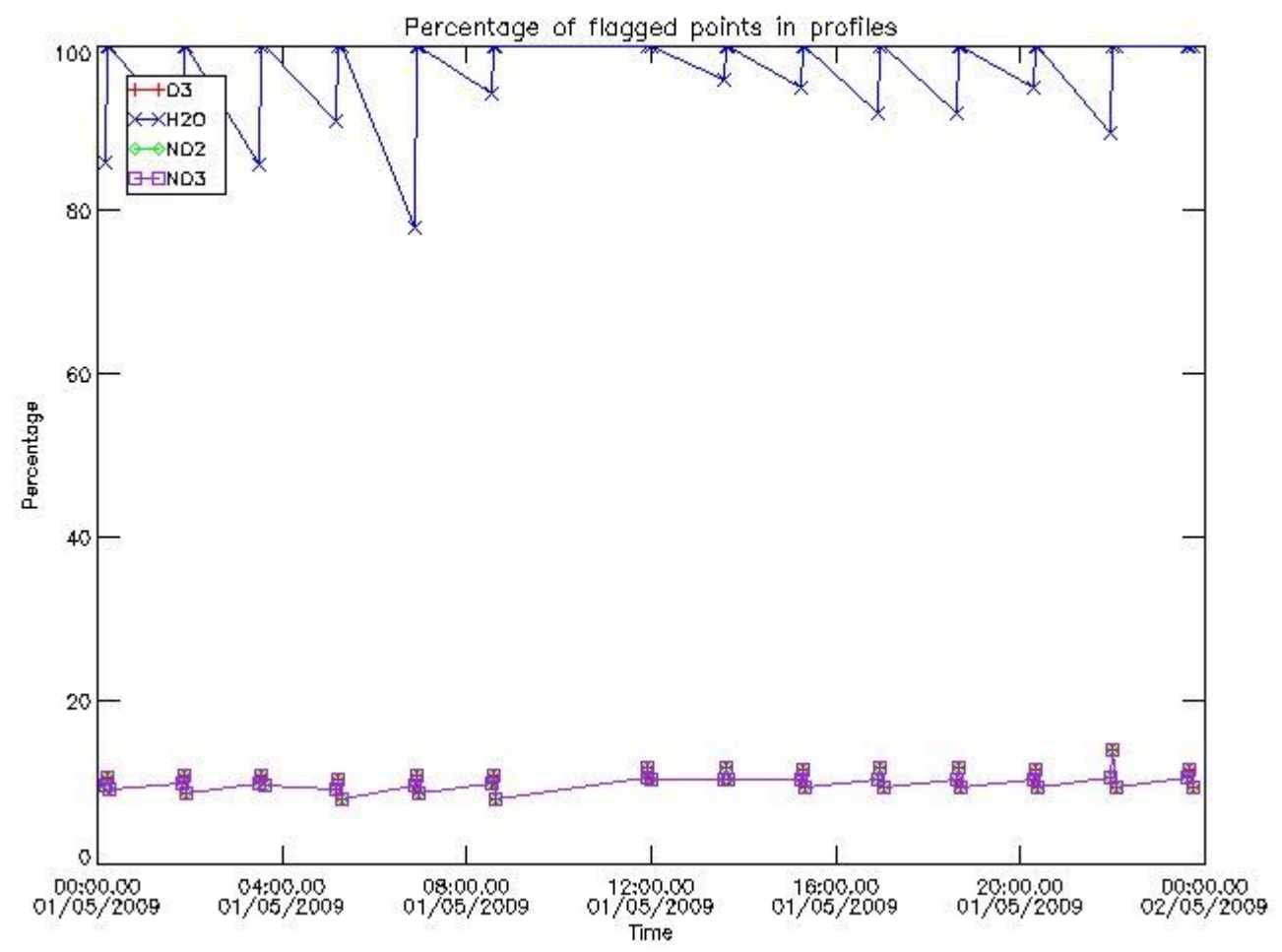
102	GOM_NL__2PRFIN20090501_122434_000000562078_00353_37481_1616.N1	01-MAY-2009 12:24:34	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37481	No
103	GOM_NL__2PRFIN20090501_122740_000000522078_00353_37481_1617.N1	01-MAY-2009 12:27:40	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37481	No
104	GOM_NL__2PRFIN20090501_123124_000000552078_00353_37481_1618.N1	01-MAY-2009 12:31:24	Tw_i_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	37481	No
105	GOM_NL__2PRFIN20090501_123337_000000502078_00353_37481_1619.N1	01-MAY-2009 12:33:37	Tw_i_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	37481	No
106	GOM_NL__2PRFIN20090501_123645_000000432078_00353_37481_1620.N1	01-MAY-2009 12:36:45	Bright	43.000	122	9Alp2Lib	2.7470	9700.0	86	37481	No
107	GOM_NL__2PRFIN20090501_123902_000000502078_00353_37481_1621.N1	01-MAY-2009 12:39:02	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37481	No
108	GOM_NL__2PRFIN20090501_124756_000000482078_00353_37481_1622.N1	01-MAY-2009 12:47:56	Bright	48.000	3	16Alp Boo	-0.050000	4250.0	96	37481	No
109	GOM_NL__2PRFIN20090501_125105_000000432078_00353_37481_1623.N1	01-MAY-2009 12:51:05	Bright	43.000	83		2.3780	11000.	86	37481	No
110	GOM_NL__2PRFIN20090501_125406_000000412078_00353_37481_1624.N1	01-MAY-2009 12:54:06	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37481	No
111	GOM_NL__2PRFIN20090501_130339_000000452078_00353_37481_1625.N1	01-MAY-2009 13:03:39	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37481	No
112	GOM_NL__2PRFIN20090501_131400_000000372078_00353_37481_1626.N1	01-MAY-2009 13:14:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37481	No
113	GOM_NL__2PRFIN20090501_132524_000000352078_00353_37481_1627.N1	01-MAY-2009 13:25:24	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37481	No
114	GOM_NL__2PRFIN20090501_133414_000000492078_00353_37481_1628.N1	01-MAY-2009 13:34:14	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37481	No
115	GOM_NL__2PRFIN20090501_133639_000000442078_00353_37481_1629.N1	01-MAY-2009 13:36:39	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37481	No
116	GOM_NL__2PRFIN20090501_134026_000000542078_00353_37481_1630.N1	01-MAY-2009 13:40:26	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37481	No
117	GOM_NL__2PRFIN20090501_140326_000000512078_00354_37482_1663.N1	01-MAY-2009 14:03:26	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37482	No
118	GOM_NL__2PRFIN20090501_140511_000000562078_00354_37482_1664.N1	01-MAY-2009 14:05:11	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37482	No
119	GOM_NL__2PRFIN20090501_140817_000000522078_00354_37482_1665.N1	01-MAY-2009 14:08:17	Straylight	52.000	75	26Eps Sco	2.2910	4250.0	104	37482	No
120	GOM_NL__2PRFIN20090501_141200_000000552078_00354_37482_1666.N1	01-MAY-2009 14:12:00	Tw_i_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	37482	No
121	GOM_NL__2PRFIN20090501_141413_000000502078_00354_37482_1667.N1	01-MAY-2009 14:14:13	Tw_i_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37482	No
122	GOM_NL__2PRFIN20090501_141721_000000422078_00354_37482_1668.N1	01-MAY-2009 14:17:21	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37482	No
123	GOM_NL__2PRFIN20090501_141938_000000502078_00354_37482_1669.N1	01-MAY-2009 14:19:38	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37482	No
124	GOM_NL__2PRFIN20090501_142832_000000392078_00354_37482_1670.N1	01-MAY-2009 14:28:32	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	37482	No
125	GOM_NL__2PRFIN20090501_143141_000000442078_00354_37482_1671.N1	01-MAY-2009 14:31:41	Bright	44.000	83		2.3780	11000.	88	37482	No
126	GOM_NL__2PRFIN20090501_143442_000000392078_00354_37482_1672.N1	01-MAY-2009 14:34:42	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37482	No
127	GOM_NL__2PRFIN20090501_144415_000000402078_00354_37482_1673.N1	01-MAY-2009 14:44:15	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37482	No
128	GOM_NL__2PRFIN20090501_145435_000000372078_00354_37482_1674.N1	01-MAY-2009 14:54:35	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37482	No
129	GOM_NL__2PRFIN20090501_150600_000000352078_00354_37482_1675.N1	01-MAY-2009 15:06:00	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37482	No
130	GOM_NL__2PRFIN20090501_151450_000000492078_00354_37482_1676.N1	01-MAY-2009 15:14:50	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37482	No
131	GOM_NL__2PRFIN20090501_151716_000000442078_00354_37482_1677.N1	01-MAY-2009 15:17:16	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37482	No
132	GOM_NL__2PRFIN20090501_152103_000000542078_00354_37482_1678.N1	01-MAY-2009 15:21:03	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37482	No
133	GOM_NL__2PRFIN20090501_154402_000000522078_00355_37483_1677.N1	01-MAY-2009 15:44:02	Straylight	51.500	40	The Sco	1.8590	7100.0	103	37483	No
134	GOM_NL__2PRFIN20090501_154548_000000562078_00355_37483_1678.N1	01-MAY-2009 15:45:48	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	37483	No
135	GOM_NL__2PRFIN20090501_154854_000000522078_00355_37483_1679.N1	01-MAY-2009 15:48:54	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37483	No
136	GOM_NL__2PRFIN20090501_155237_000000542078_00355_37483_1680.N1	01-MAY-2009 15:52:37	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37483	No
137	GOM_NL__2PRFIN20090501_155449_000000512078_00355_37483_1681.N1	01-MAY-2009 15:54:49	Tw_i_and_stray	50.500	80	7Del Sco	2.3160	30000.	101	37483	No
138	GOM_NL__2PRFIN20090501_155757_000000422078_00355_37483_1682.N1	01-MAY-2009 15:57:57	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37483	No
139	GOM_NL__2PRFIN20090501_160013_000000502078_00355_37483_1683.N1	01-MAY-2009 16:00:13	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37483	No
140	GOM_NL__2PRFIN20090501_160908_000000392078_00355_37483_1684.N1	01-MAY-2009 16:09:08	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	37483	No
141	GOM_NL__2PRFIN20090501_161216_000000482078_00355_37483_1685.N1	01-MAY-2009 16:12:16	Bright	47.500	83		2.3780	11000.	95	37483	No
142	GOM_NL__2PRFIN20090501_161517_000000412078_00355_37483_1686.N1	01-MAY-2009 16:15:17	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37483	No
143	GOM_NL__2PRFIN20090501_162450_000000432078_00355_37483_1687.N1	01-MAY-2009 16:24:50	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37483	No
144	GOM_NL__2PRFIN20090501_163511_000000372078_00355_37483_1688.N1	01-MAY-2009 16:35:11	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37483	No
145	GOM_NL__2PRFIN20090501_164636_000000352078_00355_37483_1689.N1	01-MAY-2009 16:46:36	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37483	No
146	GOM_NL__2PRFIN20090501_165527_000000492078_00355_37483_1690.N1	01-MAY-2009 16:55:27	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37483	No
147	GOM_NL__2PRFIN20090501_165753_000000442078_00355_37483_1691.N1	01-MAY-2009 16:57:53	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37483	No
148	GOM_NL__2PRFIN20090501_170141_000000542078_00355_37483_1692.N1	01-MAY-2009 17:01:41	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37483	No
149	GOM_NL__2PRFIN20090501_172439_000000512078_00356_37484_1696.N1	01-MAY-2009 17:24:39	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37484	No
150	GOM_NL__2PRFIN20090501_172625_000000562078_00356_37484_1697.N1	01-MAY-2009 17:26:25	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37484	No
151	GOM_NL__2PRFIN20090501_172930_000000522078_00356_37484_1698.N1	01-MAY-2009 17:29:30	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37484	No
152	GOM_NL__2PRFIN20090501_173313_000000542078_00356_37484_1699.N1	01-MAY-2009 17:33:13	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37484	No
153	GOM_NL__2PRFIN20090501_173526_000000502078_00356_37484_1700.N1	01-MAY-2009 17:35:26	Tw_i_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	37484	No
154	GOM_NL__2PRFIN20090501_173834_000000412078_00356_37484_1701.N1	01-MAY-2009 17:38:34	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37484	No
155	GOM_NL__2PRFIN20090501_174049_000000472078_00356_37484_1702.N1	01-MAY-2009 17:40:49	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	37484	No
156	GOM_NL__2PRFIN20090501_174943_000000452078_00356_37484_1703.N1	01-MAY-2009 17:49:43	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37484	No
157	GOM_NL__2PRFIN20090501_175252_000000512078_00356_37484_1704.N1	01-MAY-2009 17:52:52	Bright	50.500	83		2.3780	11000.	101	37484	No
158	GOM_NL__2PRFIN20090501_175553_000000392078_00356_37484_1705.N1	01-MAY-2009 17:55:53	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37484	No
159	GOM_NL__2PRFIN20090501_180525_000000452078_00356_37484_1706.N1	01-MAY-2009 18:05:25	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37484	No
160	GOM_NL__2PRFIN20090501_181547_000000372078_00356_37484_1707.N1	01-MAY-2009 18:15:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37484	No

161	GOM_NL__2PRFIN20090501_182712_000000352078_00356_37484_1708.N1	01-MAY-2009 18:27:12	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37484	No
162	GOM_NL__2PRFIN20090501_183604_000000502078_00356_37484_1709.N1	01-MAY-2009 18:36:04	Dark	49.500	61	8Eps Peg	2.1000	3900.0	99	37484	No
163	GOM_NL__2PRFIN20090501_183830_000000442078_00356_37484_1710.N1	01-MAY-2009 18:38:30	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37484	No
164	GOM_NL__2PRFIN20090501_184218_000000552078_00356_37484_1711.N1	01-MAY-2009 18:42:18	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37484	No
165	GOM_NL__2PRFIN20090501_190516_000000502078_00357_37485_1712.N1	01-MAY-2009 19:05:16	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37485	No
166	GOM_NL__2PRFIN20090501_190702_000000552078_00357_37485_1713.N1	01-MAY-2009 19:07:02	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37485	No
167	GOM_NL__2PRFIN20090501_191007_000000522078_00357_37485_1714.N1	01-MAY-2009 19:10:07	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37485	No
168	GOM_NL__2PRFIN20090501_191349_000000542078_00357_37485_1715.N1	01-MAY-2009 19:13:49	Twi_and_stray	53.500	16	21Alp Sco	1.0200	3000.0	107	37485	No
169	GOM_NL__2PRFIN20090501_191602_000000502078_00357_37485_1716.N1	01-MAY-2009 19:16:02	Twi_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	37485	No
170	GOM_NL__2PRFIN20090501_191910_000000422078_00357_37485_1717.N1	01-MAY-2009 19:19:10	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	37485	No
171	GOM_NL__2PRFIN20090501_192126_000000472078_00357_37485_1718.N1	01-MAY-2009 19:21:26	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37485	No
172	GOM_NL__2PRFIN20090501_193019_000000432078_00357_37485_1719.N1	01-MAY-2009 19:30:19	Bright	42.500	3	16Alp Boo	-0.050000	4250.0	85	37485	No
173	GOM_NL__2PRFIN20090501_193327_000000432078_00357_37485_1720.N1	01-MAY-2009 19:33:27	Bright	42.500	83		2.3780	11000.	85	37485	No
174	GOM_NL__2PRFIN20090501_193628_000000412078_00357_37485_1721.N1	01-MAY-2009 19:36:28	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37485	No
175	GOM_NL__2PRFIN20090501_194600_000000432078_00357_37485_1722.N1	01-MAY-2009 19:46:00	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37485	No
176	GOM_NL__2PRFIN20090501_195623_000000372078_00357_37485_1723.N1	01-MAY-2009 19:56:23	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37485	No
177	GOM_NL__2PRFIN20090501_200748_000000352078_00357_37485_1724.N1	01-MAY-2009 20:07:48	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37485	No
178	GOM_NL__2PRFIN20090501_201641_000000492078_00357_37485_1725.N1	01-MAY-2009 20:16:41	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37485	No
179	GOM_NL__2PRFIN20090501_201906_000000442078_00357_37485_1726.N1	01-MAY-2009 20:19:06	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37485	No
180	GOM_NL__2PRFIN20090501_202255_000000552078_00357_37485_1727.N1	01-MAY-2009 20:22:55	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37485	No
181	GOM_NL__2PRFIN20090501_204553_000000512078_00358_37486_1728.N1	01-MAY-2009 20:45:53	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37486	No
182	GOM_NL__2PRFIN20090501_204739_000000552078_00358_37486_1729.N1	01-MAY-2009 20:47:39	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37486	No
183	GOM_NL__2PRFIN20090501_205044_000000512078_00358_37486_1730.N1	01-MAY-2009 20:50:44	Straylight	51.000	75	26Eps Sco	2.2910	4250.0	102	37486	No
184	GOM_NL__2PRFIN20090501_205426_000000542078_00358_37486_1731.N1	01-MAY-2009 20:54:26	Twi_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37486	No
185	GOM_NL__2PRFIN20090501_205638_000000502078_00358_37486_1732.N1	01-MAY-2009 20:56:38	Twi_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37486	No
186	GOM_NL__2PRFIN20090501_205946_000000422078_00358_37486_1733.N1	01-MAY-2009 20:59:46	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37486	No
187	GOM_NL__2PRFIN20090501_210201_000000482078_00358_37486_1734.N1	01-MAY-2009 21:02:01	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37486	No
188	GOM_NL__2PRFIN20090501_211055_000000392078_00358_37486_1735.N1	01-MAY-2009 21:10:55	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	37486	No
189	GOM_NL__2PRFIN20090501_211402_000000442078_00358_37486_1736.N1	01-MAY-2009 21:14:02	Bright	43.500	83		2.3780	11000.	87	37486	No
190	GOM_NL__2PRFIN20090501_211704_000000392078_00358_37486_1737.N1	01-MAY-2009 21:17:04	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37486	No
191	GOM_NL__2PRFIN20090501_212636_000000442078_00358_37486_1738.N1	01-MAY-2009 21:26:36	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37486	No
192	GOM_NL__2PRFIN20090501_213658_000000372078_00358_37486_1739.N1	01-MAY-2009 21:36:58	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37486	No
193	GOM_NL__2PRFIN20090501_214825_000000352078_00358_37486_1740.N1	01-MAY-2009 21:48:25	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37486	No
194	GOM_NL__2PRFIN20090501_215718_000000482078_00358_37486_1741.N1	01-MAY-2009 21:57:18	Dark	48.000	61	8Eps Peg	2.1000	3900.0	96	37486	No
195	GOM_NL__2PRFIN20090501_215943_000000442078_00358_37486_1742.N1	01-MAY-2009 21:59:43	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37486	No
196	GOM_NL__2PRFIN20090501_220332_000000552078_00358_37486_1743.N1	01-MAY-2009 22:03:32	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37486	No
197	GOM_NL__2PRFIN20090501_222629_000000512078_00359_37487_1744.N1	01-MAY-2009 22:26:29	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37487	No
198	GOM_NL__2PRFIN20090501_222815_000000552078_00359_37487_1745.N1	01-MAY-2009 22:28:15	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37487	No
199	GOM_NL__2PRFIN20090501_223120_000000522078_00359_37487_1746.N1	01-MAY-2009 22:31:20	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37487	No
200	GOM_NL__2PRFIN20090501_223502_000000542078_00359_37487_1747.N1	01-MAY-2009 22:35:02	Twi_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37487	No
201	GOM_NL__2PRFIN20090501_223714_000000502078_00359_37487_1748.N1	01-MAY-2009 22:37:14	Twi_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37487	No
202	GOM_NL__2PRFIN20090501_224022_000000412078_00359_37487_1749.N1	01-MAY-2009 22:40:22	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37487	No
203	GOM_NL__2PRFIN20090501_224237_000000472078_00359_37487_1750.N1	01-MAY-2009 22:42:37	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37487	No
204	GOM_NL__2PRFIN20090501_225130_000000592078_00359_37487_1751.N1	01-MAY-2009 22:51:30	Bright	59.000	3	16Alp Boo	-0.050000	4250.0	118	37487	No
205	GOM_NL__2PRFIN20090501_225438_000000442078_00359_37487_1752.N1	01-MAY-2009 22:54:38	Bright	43.500	83		2.3780	11000.	87	37487	No
206	GOM_NL__2PRFIN20090501_225739_000000412078_00359_37487_1753.N1	01-MAY-2009 22:57:39	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37487	No
207	GOM_NL__2PRFIN20090501_230711_000000452078_00359_37487_1754.N1	01-MAY-2009 23:07:11	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37487	No
208	GOM_NL__2PRFIN20090501_231734_000000372078_00359_37487_1755.N1	01-MAY-2009 23:17:34	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37487	No
209	GOM_NL__2PRFIN20090501_232900_000000352078_00359_37487_1756.N1	01-MAY-2009 23:29:00	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37487	No
210	GOM_NL__2PRFIN20090501_233754_000000482078_00359_37487_1757.N1	01-MAY-2009 23:37:54	Dark	48.000	61	8Eps Peg	2.1000	3900.0	96	37487	No
211	GOM_NL__2PRFIN20090501_234020_000000442078_00359_37487_1758.N1	01-MAY-2009 23:40:20	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37487	No
212	GOM_NL__2PRFIN20090501_234409_000000552078_00359_37487_1759.N1	01-MAY-2009 23:44:09	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37487	No

3. Quality information per product

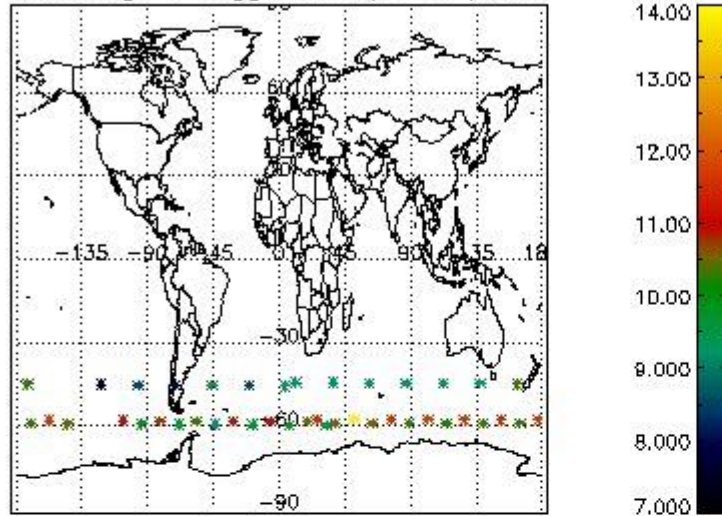
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

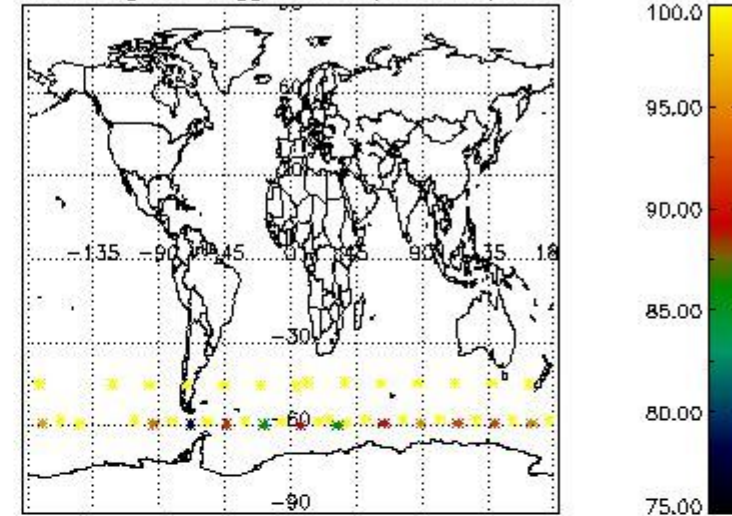


3.2 Plot quality information per product (world map)

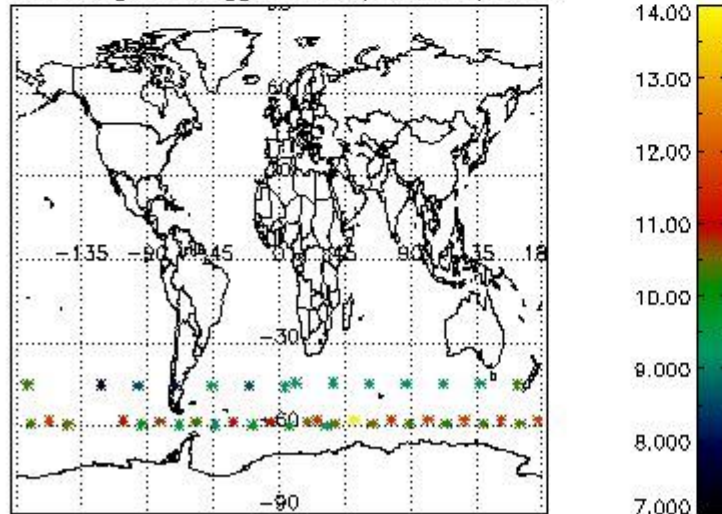
Percentage of flagged data per O3 profile



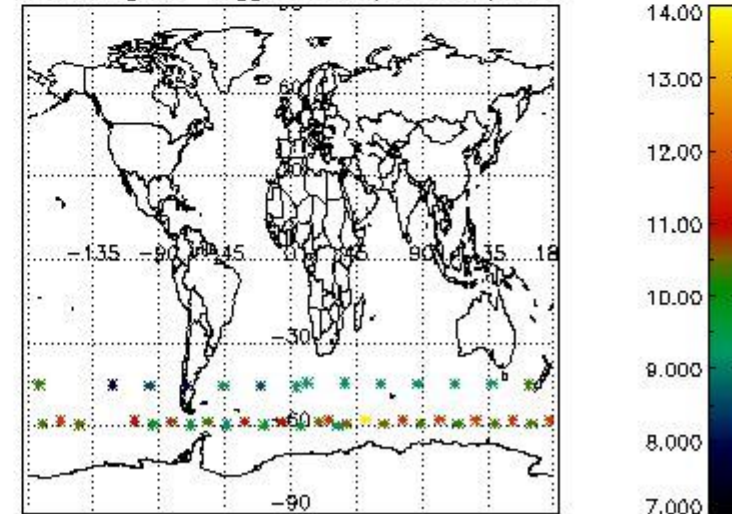
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

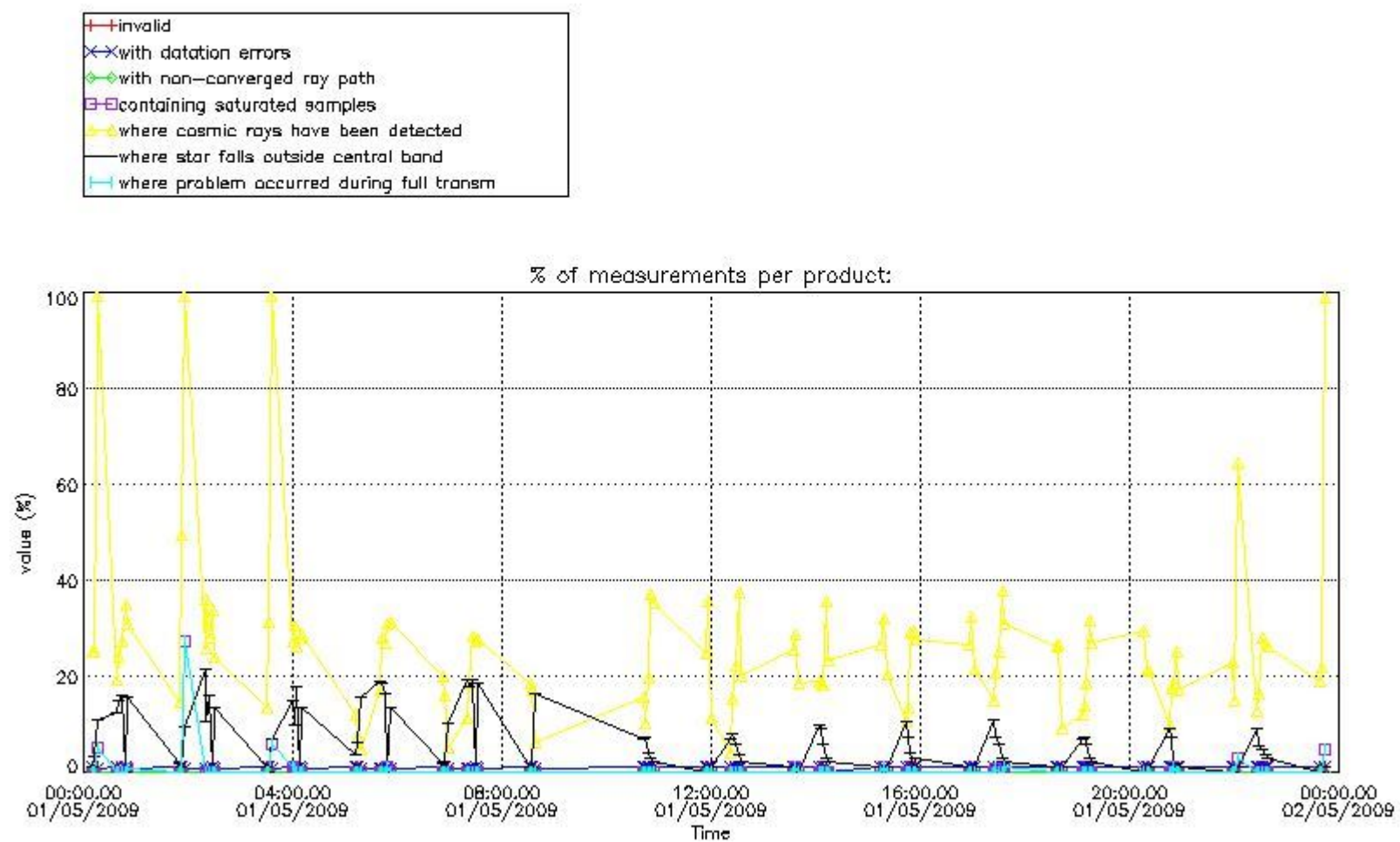


4. Level 1 quality information per product

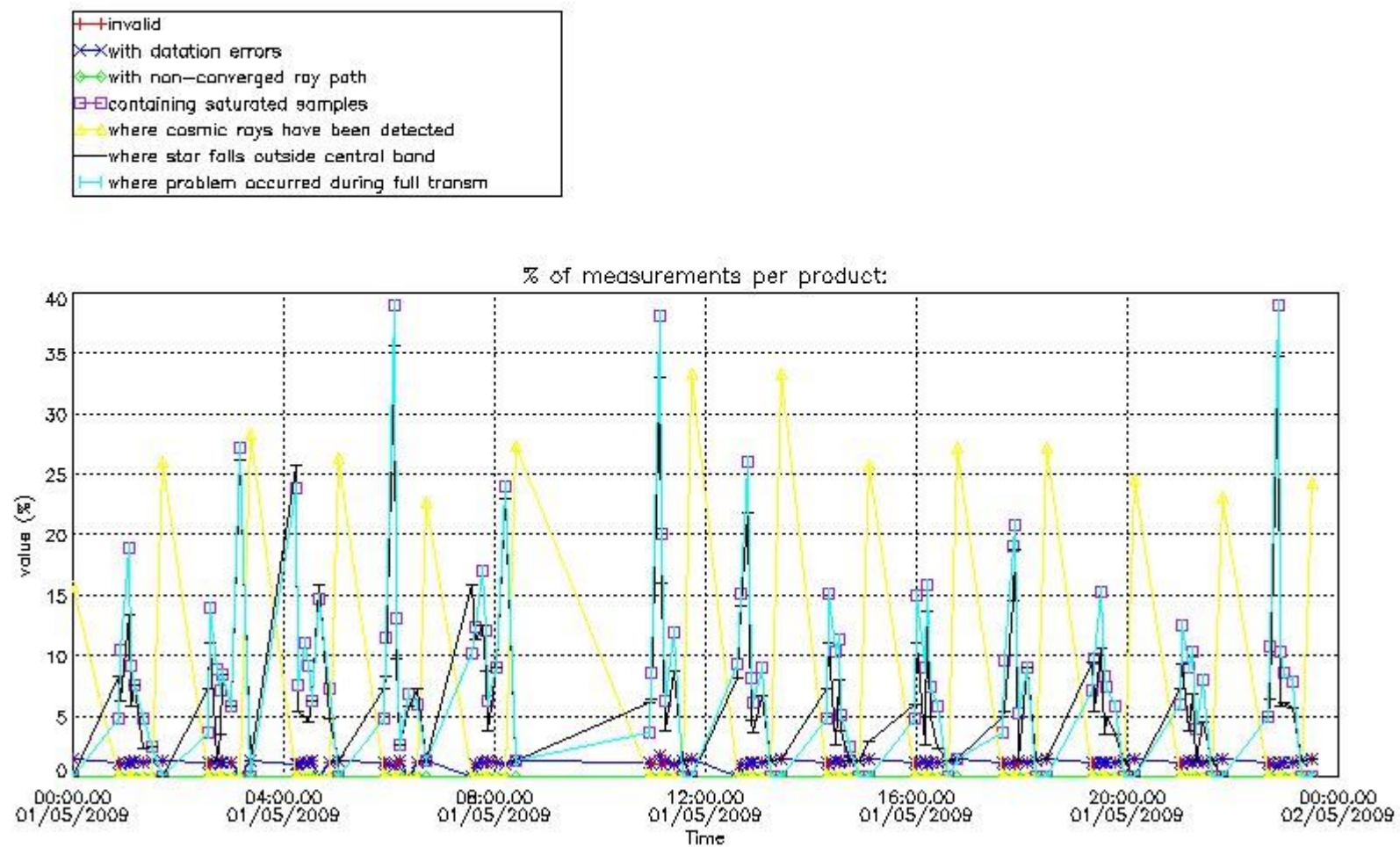
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

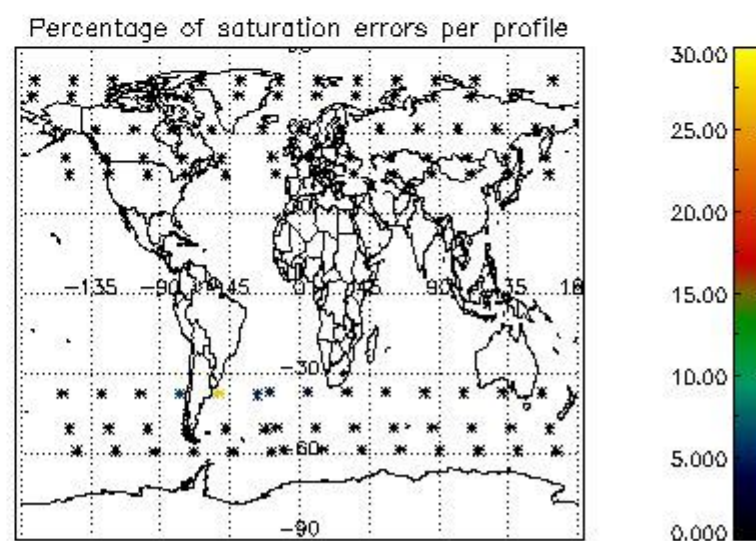
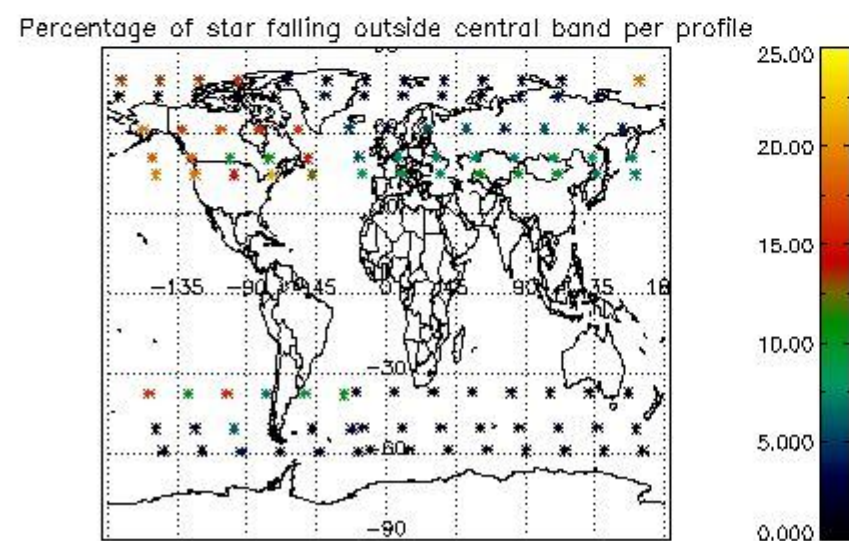
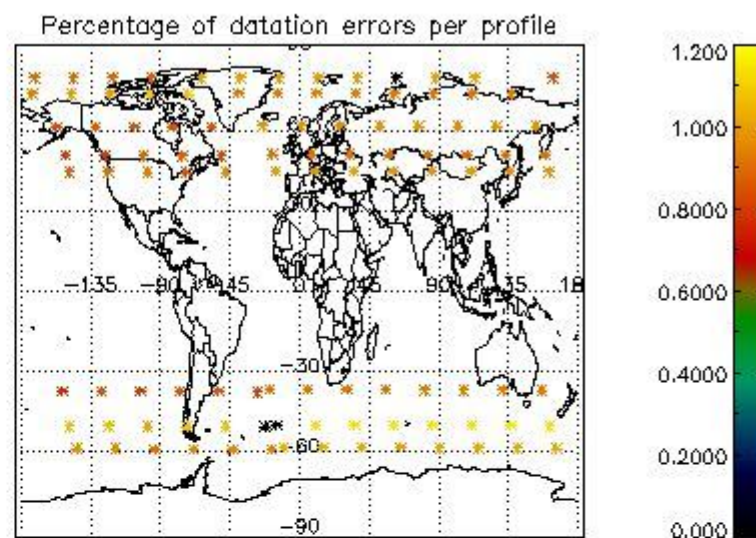
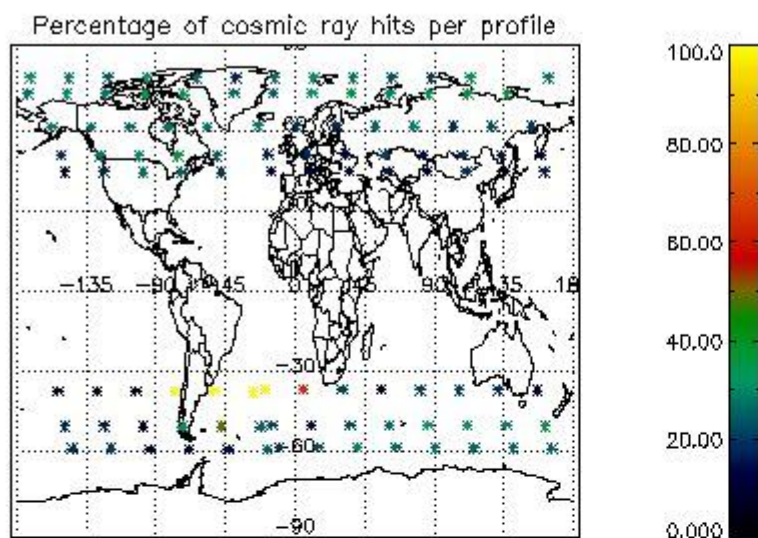


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

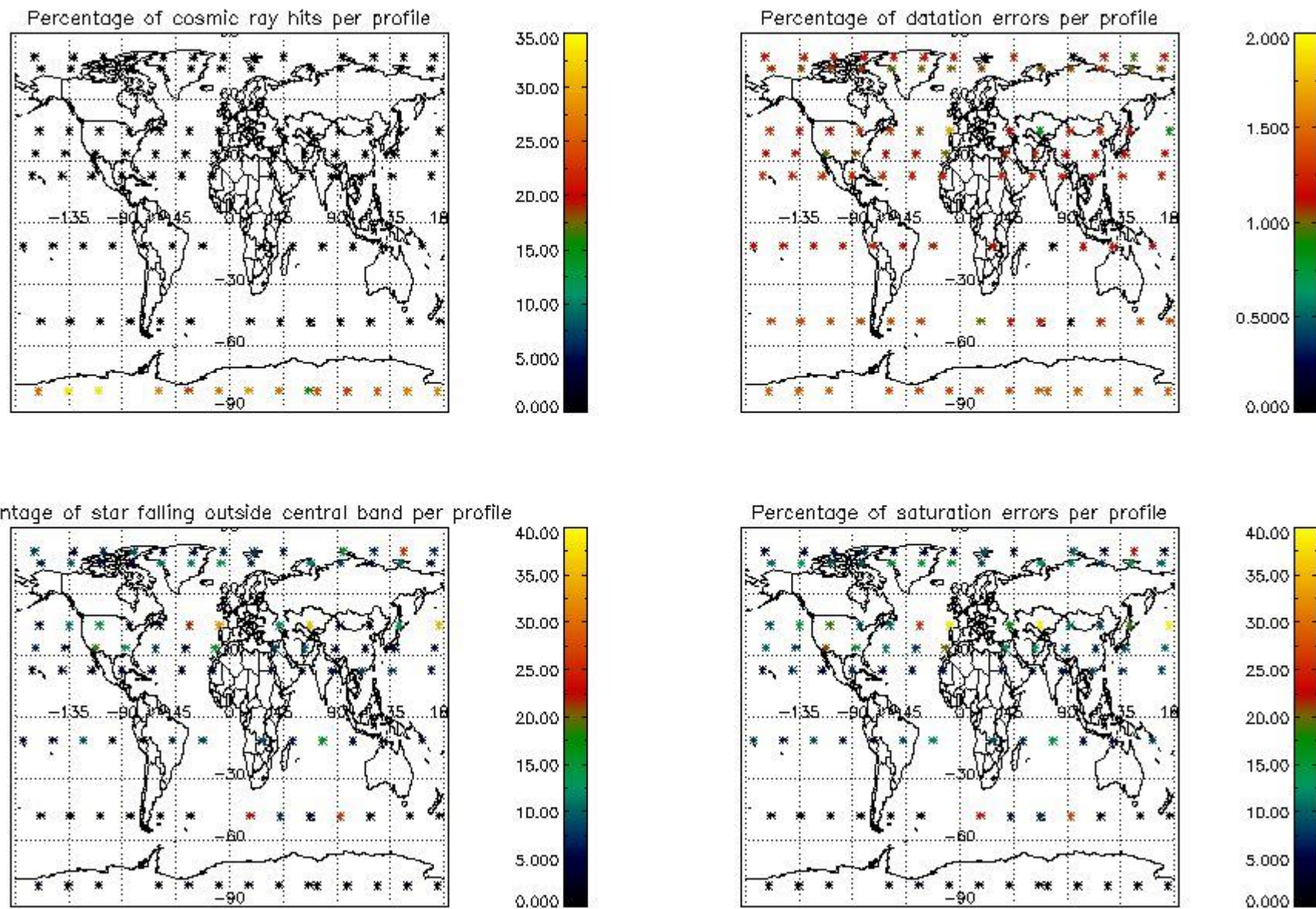


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

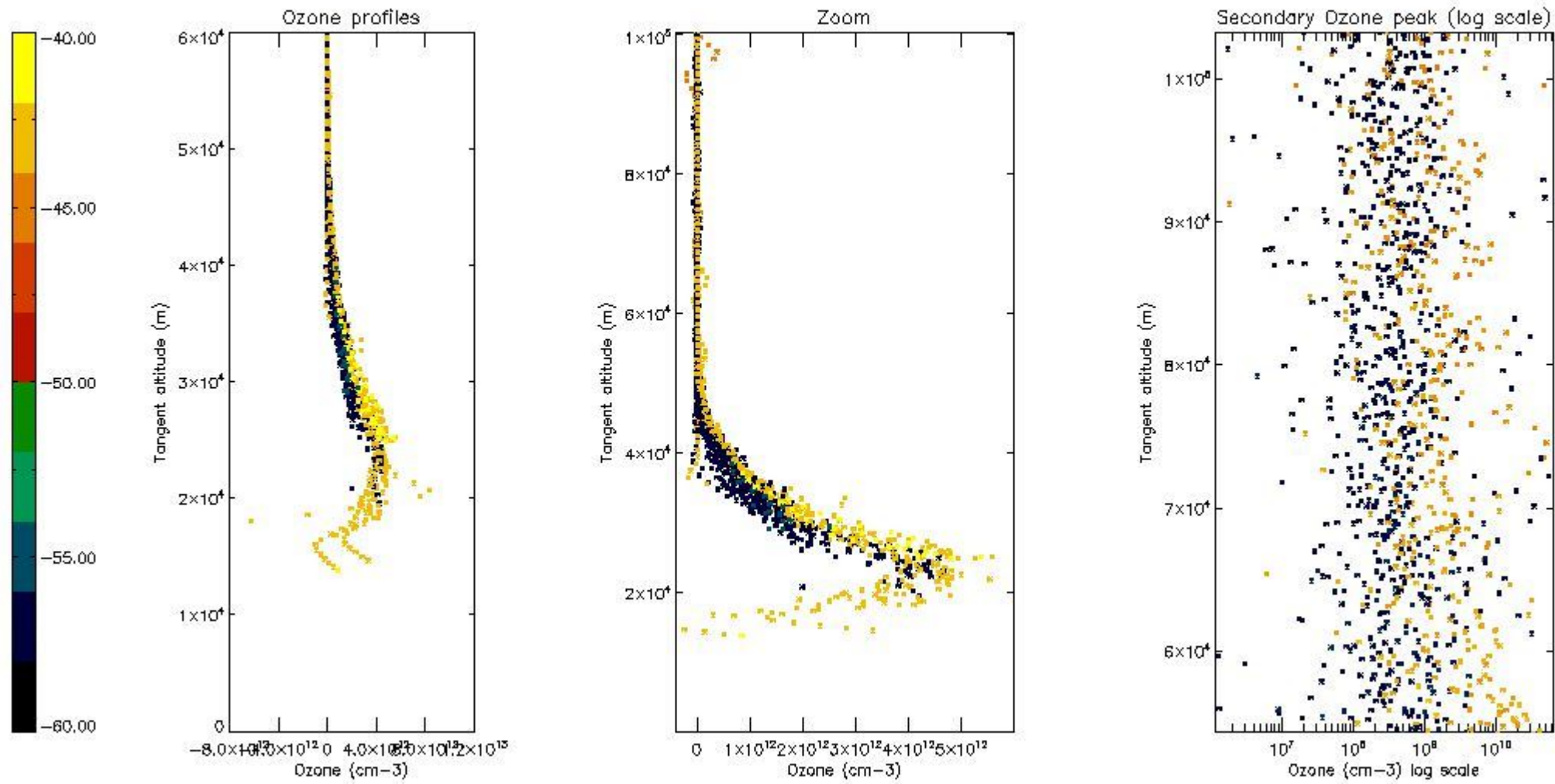
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	4

STD < 10	1
STD < 5	0

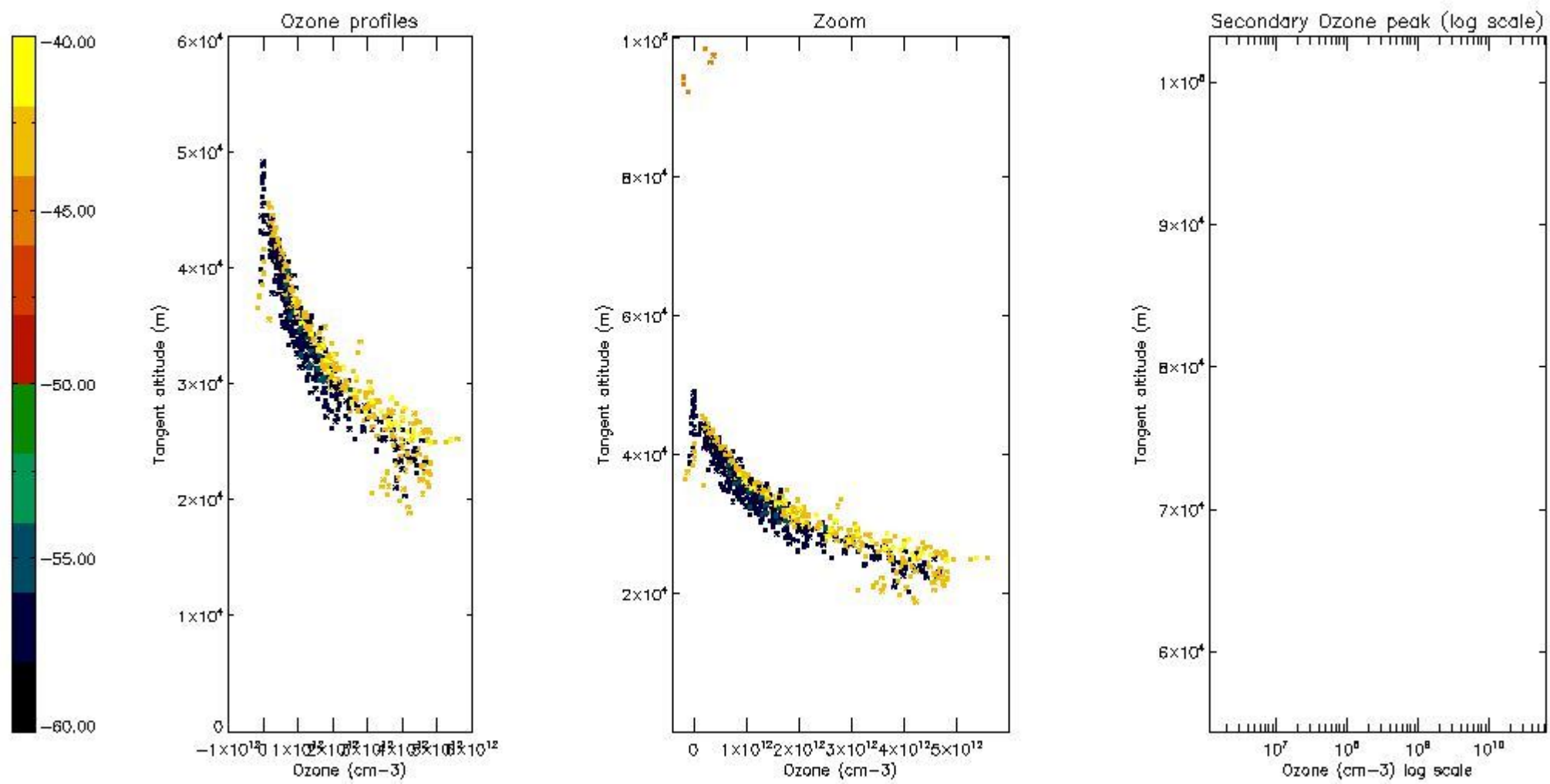
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



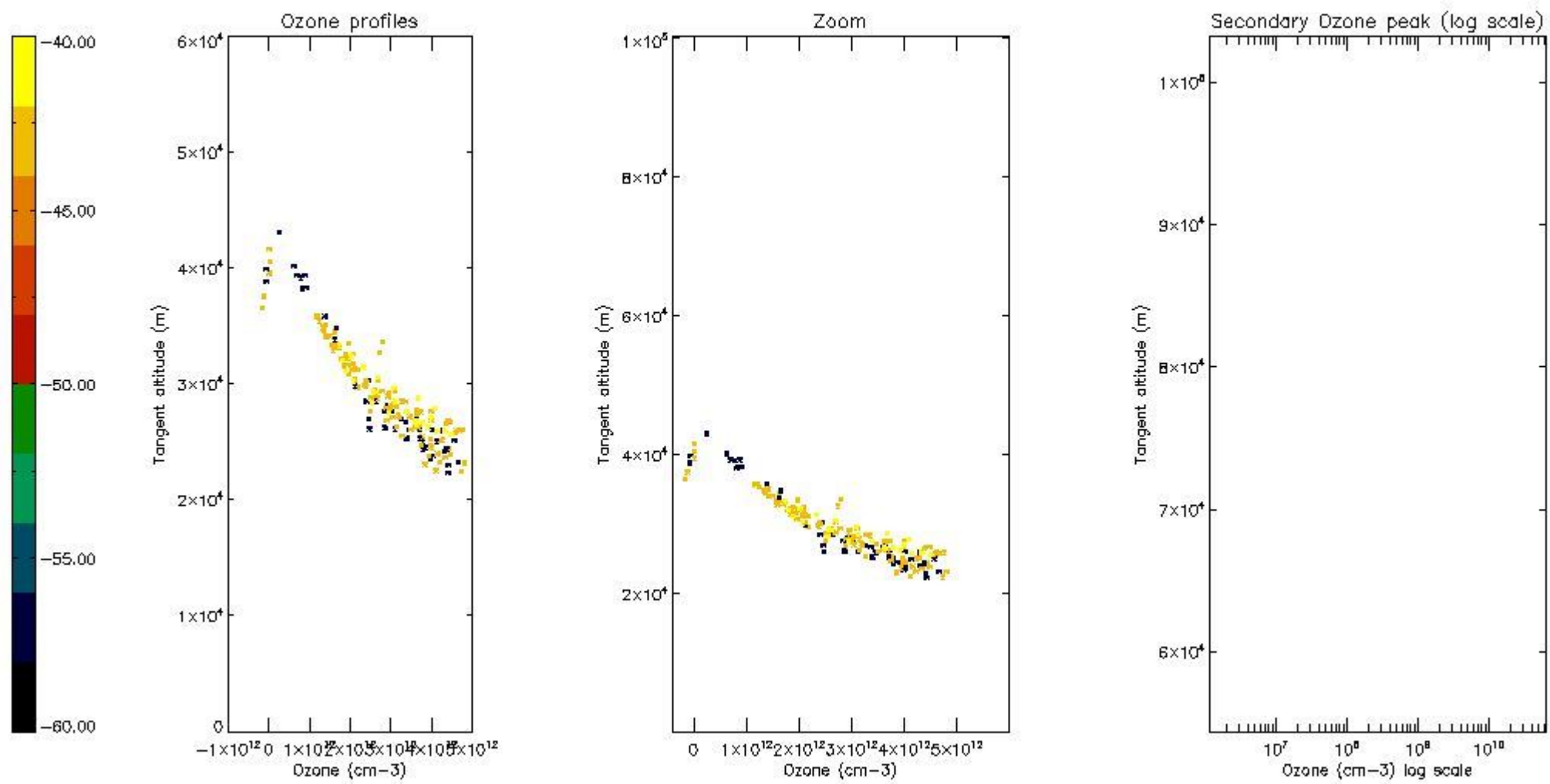
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



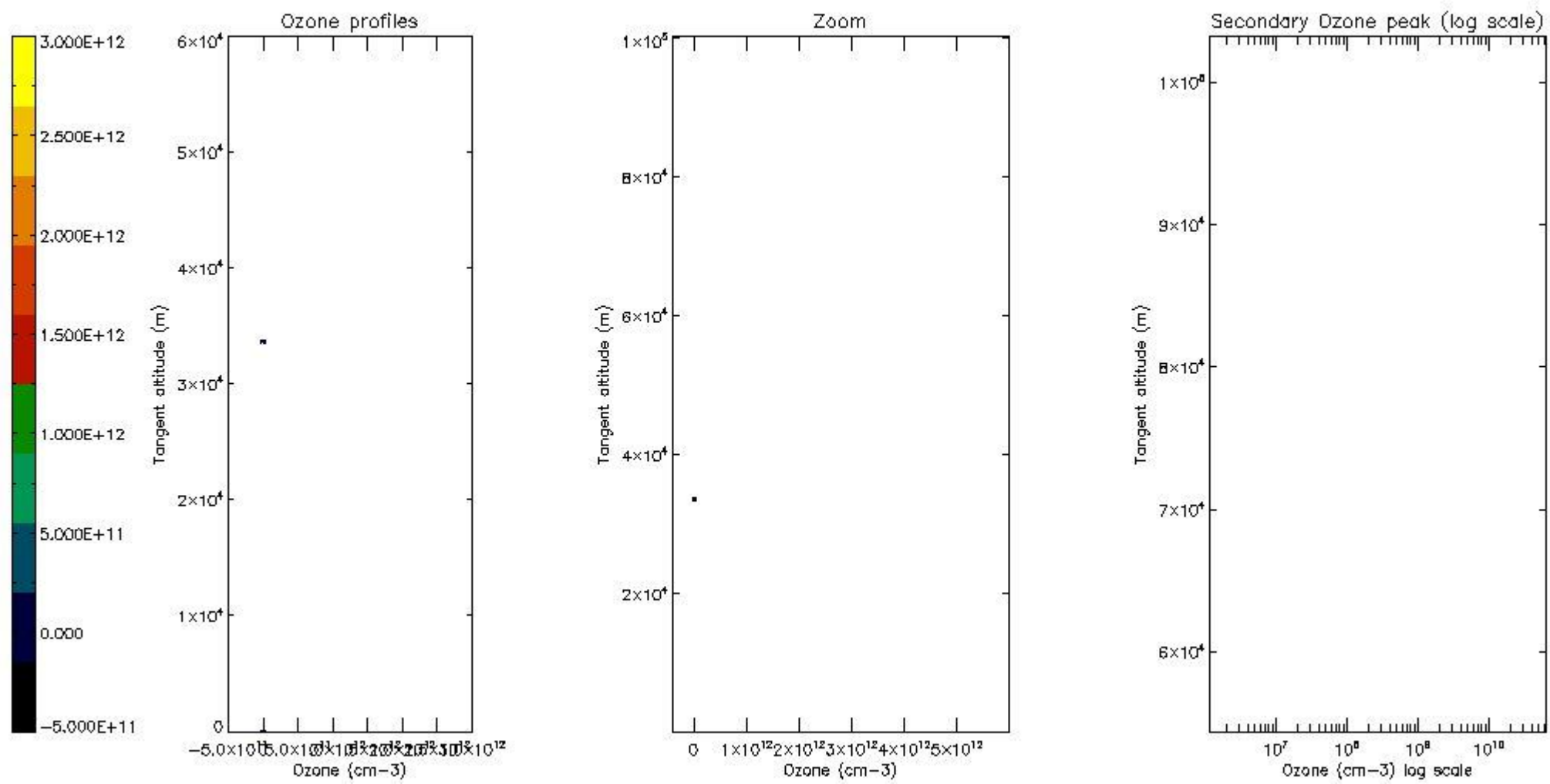
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



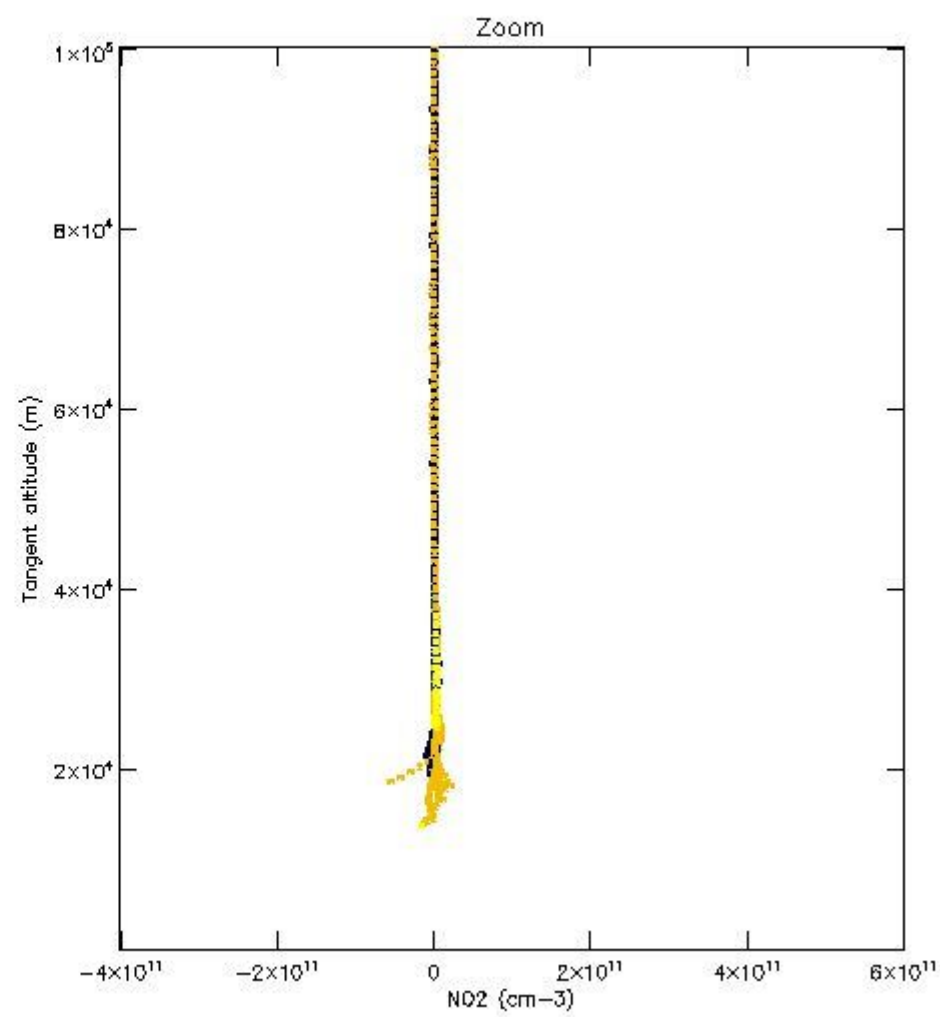
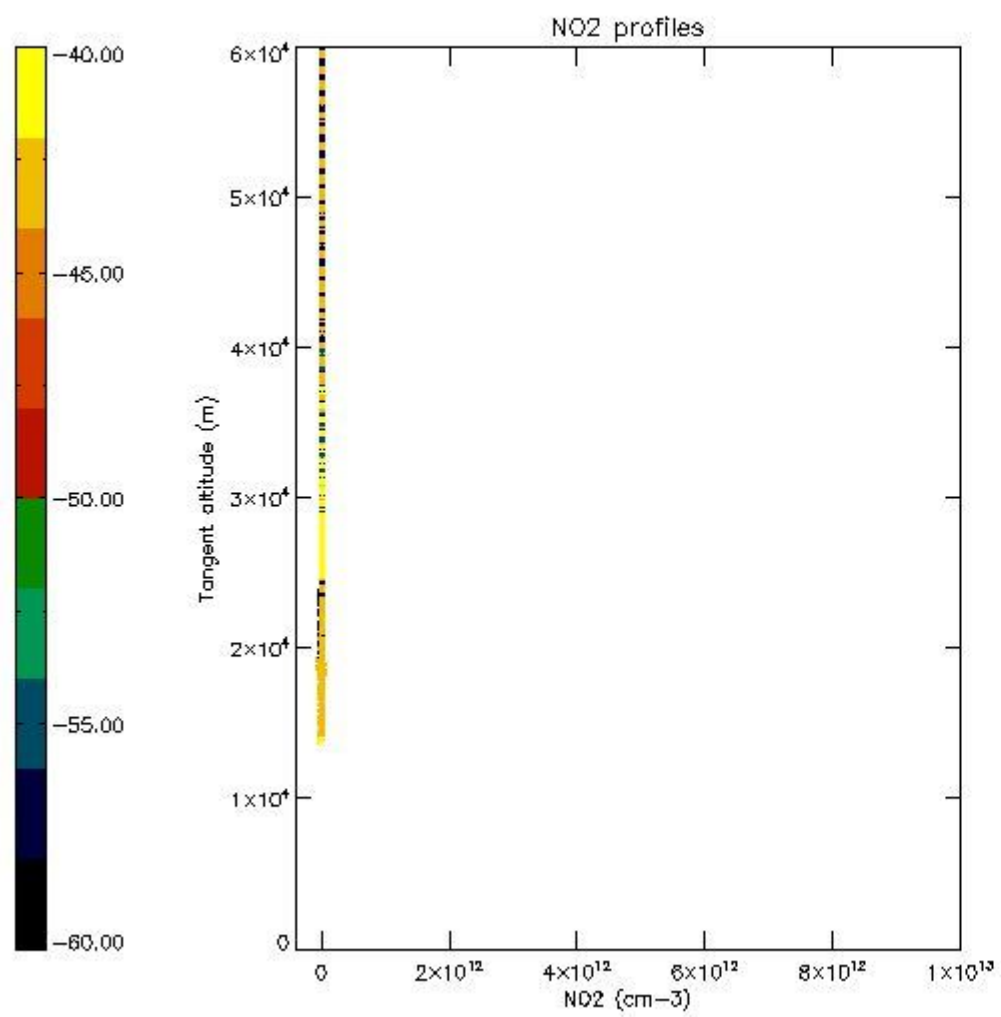
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



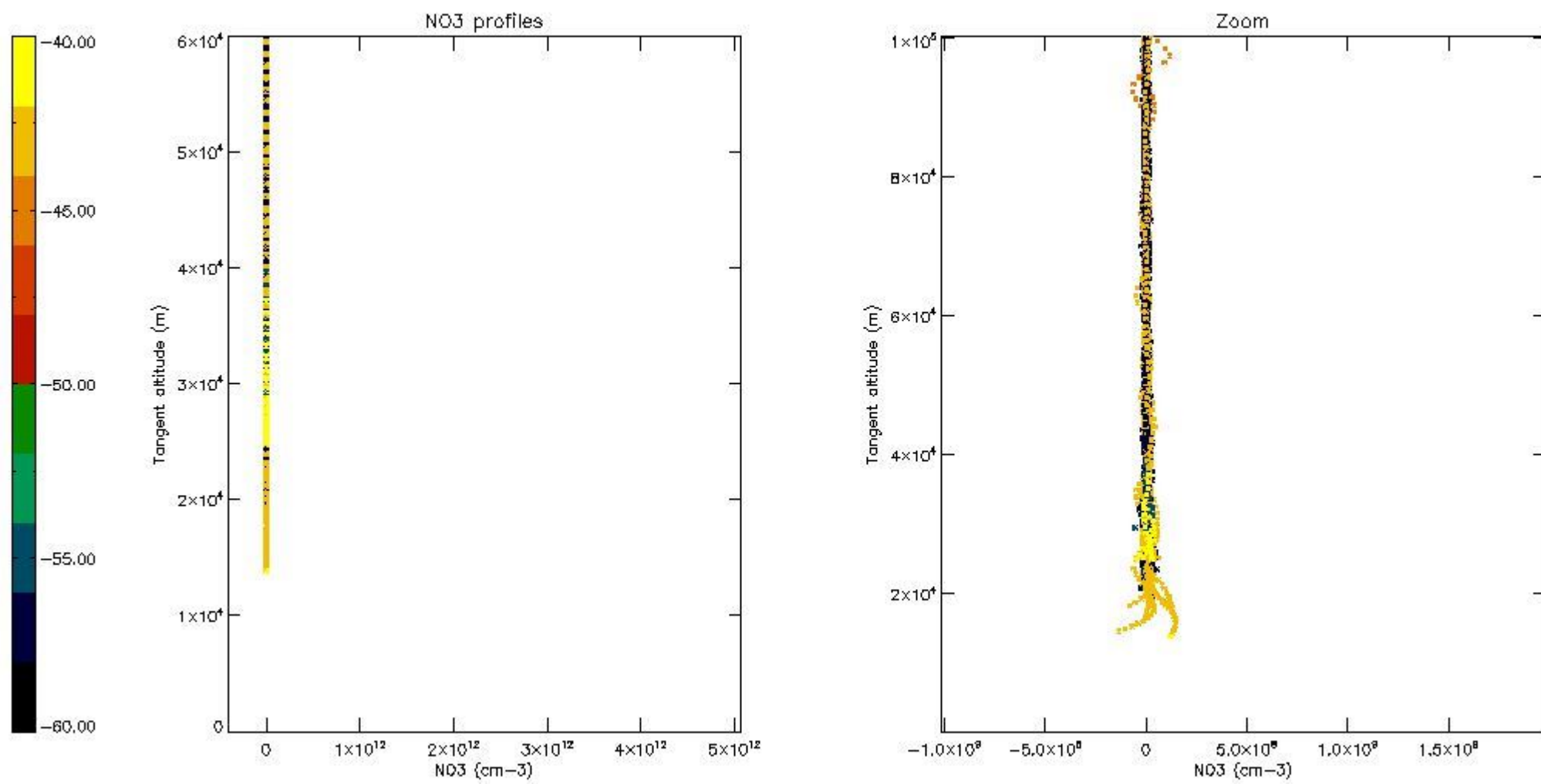
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



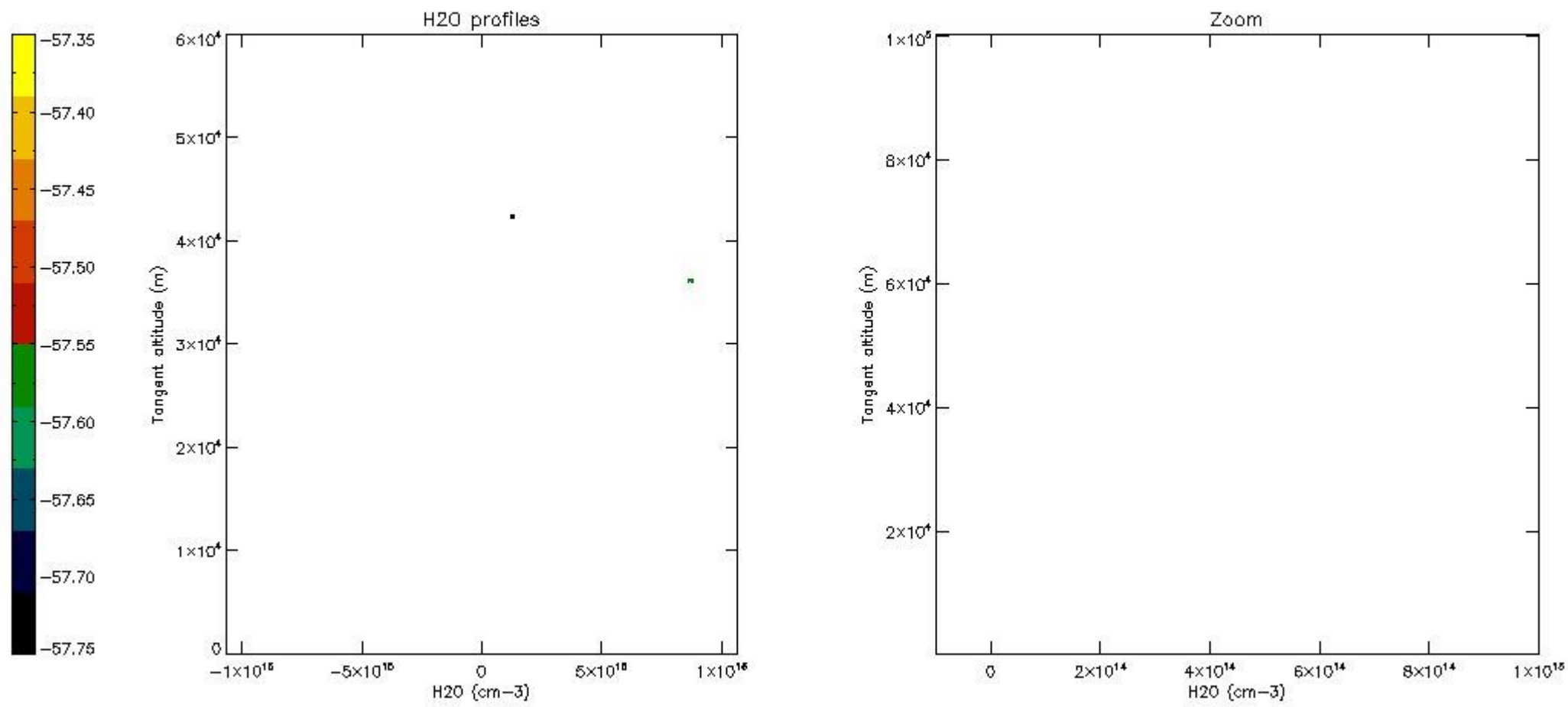
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-MAY-2009 00:00:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-MAY-2009 00:00:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-MAY-2009 00:00:35

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

[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	26APR2013 09:11:31
Data source version	GOMOS/6.01
Start time of products	01-05-2009 (01MAY2009 00:00:00)
Stop time of products	02-05-2009 (02MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	212
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__2PRFIN20090501_000035_000000352078_00345_37473_1491.N1	01-MAY-2009 00:00:35	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37473	No
2	GOM_NL__2PRFIN20090501_000919_000000542078_00345_37473_1492.N1	01-MAY-2009 00:09:19	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	37473	No
3	GOM_NL__2PRFIN20090501_001145_000000482078_00345_37473_1493.N1	01-MAY-2009 00:11:45	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	37473	No
4	GOM_NL__2PRFIN20090501_001529_000000612078_00345_37473_1494.N1	01-MAY-2009 00:15:29	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	37473	No
5	GOM_NL__2PRFIN20090501_003831_000000522078_00346_37474_1497.N1	01-MAY-2009 00:38:31	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37474	No
6	GOM_NL__2PRFIN20090501_004016_000000612078_00346_37474_1498.N1	01-MAY-2009 00:40:16	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	37474	No
7	GOM_NL__2PRFIN20090501_004323_000000592078_00346_37474_1499.N1	01-MAY-2009 00:43:23	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37474	No
8	GOM_NL__2PRFIN20090501_004708_000000462078_00346_37474_1500.N1	01-MAY-2009 00:47:08	Twilight_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	37474	No
9	GOM_NL__2PRFIN20090501_004923_000000582078_00346_37474_1501.N1	01-MAY-2009 00:49:23	Twilight_stray	58.000	80	7Del Sco	2.3160	30000.	116	37474	No
10	GOM_NL__2PRFIN20090501_005233_000000422078_00346_37474_1502.N1	01-MAY-2009 00:52:33	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	37474	No
11	GOM_NL__2PRFIN20090501_005450_000000482078_00346_37474_1503.N1	01-MAY-2009 00:54:50	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37474	No
12	GOM_NL__2PRFIN20090501_010346_000000452078_00346_37474_1504.N1	01-MAY-2009 01:03:46	Bright	45.000	3	16Alp Boo	-0.050000	4250.0	90	37474	No
13	GOM_NL__2PRFIN20090501_010657_000000442078_00346_37474_1505.N1	01-MAY-2009 01:06:57	Bright	43.500	83		2.3780	11000.	87	37474	No
14	GOM_NL__2PRFIN20090501_010958_000000402078_00346_37474_1506.N1	01-MAY-2009 01:09:58	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37474	No
15	GOM_NL__2PRFIN20090501_011932_000000422078_00346_37474_1507.N1	01-MAY-2009 01:19:32	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37474	No
16	GOM_NL__2PRFIN20090501_012950_000000402078_00346_37474_1508.N1	01-MAY-2009 01:29:50	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	37474	No
17	GOM_NL__2PRFIN20090501_014111_000000372078_00346_37474_1509.N1	01-MAY-2009 01:41:11	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	37474	No
18	GOM_NL__2PRFIN20090501_014956_000000522078_00346_37474_1510.N1	01-MAY-2009 01:49:56	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	37474	No
19	GOM_NL__2PRFIN20090501_015222_000000472078_00346_37474_1511.N1	01-MAY-2009 01:52:22	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	37474	No
20	GOM_NL__2PRFIN20090501_015606_000000592078_00346_37474_1512.N1	01-MAY-2009 01:56:06	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	37474	No
21	GOM_NL__2PRFIN20090501_021908_000000592078_00347_37475_1513.N1	01-MAY-2009 02:19:08	Straylight	58.500	40	The Sco	1.8590	7100.0	117	37475	No
22	GOM_NL__2PRFIN20090501_022053_000000572078_00347_37475_1514.N1	01-MAY-2009 02:20:53	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37475	No
23	GOM_NL__2PRFIN20090501_022400_000000592078_00347_37475_1515.N1	01-MAY-2009 02:24:00	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37475	No
24	GOM_NL__2PRFIN20090501_022745_000000462078_00347_37475_1516.N1	01-MAY-2009 02:27:45	Twilight_stray	46.000	16	21Alp Sco	1.0200	3000.0	92	37475	No
25	GOM_NL__2PRFIN20090501_022959_000000572078_00347_37475_1517.N1	01-MAY-2009 02:29:59	Twilight_stray	56.500	80	7Del Sco	2.3160	30000.	113	37475	No
26	GOM_NL__2PRFIN20090501_023309_000000422078_00347_37475_1518.N1	01-MAY-2009 02:33:09	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37475	No
27	GOM_NL__2PRFIN20090501_023526_000000502078_00347_37475_1519.N1	01-MAY-2009 02:35:26	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37475	No
28	GOM_NL__2PRFIN20090501_024422_000000402078_00347_37475_1520.N1	01-MAY-2009 02:44:22	Bright	39.500	3	16Alp Boo	-0.050000	4250.0	79	37475	No
29	GOM_NL__2PRFIN20090501_024733_000000432078_00347_37475_1521.N1	01-MAY-2009 02:47:33	Bright	42.500	83		2.3780	11000.	85	37475	No
30	GOM_NL__2PRFIN20090501_025033_000000422078_00347_37475_1522.N1	01-MAY-2009 02:50:33	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37475	No
31	GOM_NL__2PRFIN20090501_030007_000000442078_00347_37475_1523.N1	01-MAY-2009 03:00:07	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37475	No
32	GOM_NL__2PRFIN20090501_031026_000000522078_00347_37475_1524.N1	01-MAY-2009 03:10:26	Bright	51.500	89	5Alp Cep	2.4510	8000.0	103	37475	No
33	GOM_NL__2PRFIN20090501_032147_000000372078_00347_37475_1525.N1	01-MAY-2009 03:21:47	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	37475	No
34	GOM_NL__2PRFIN20090501_033033_000000522078_00347_37475_1526.N1	01-MAY-2009 03:30:33	Dark	52.000	61	8Eps Peg	2.1000	3900.0	104	37475	No
35	GOM_NL__2PRFIN20090501_033258_000000472078_00347_37475_1527.N1	01-MAY-2009 03:32:58	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	37475	No
36	GOM_NL__2PRFIN20090501_033643_000000592078_00347_37475_1528.N1	01-MAY-2009 03:36:43	Dark	58.500	154	22Bet Aqr	2.8990	5700.0	117	37475	No
37	GOM_NL__2PRFIN20090501_035945_000000542078_00348_37476_1527.N1	01-MAY-2009 03:59:45	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37476	No
38	GOM_NL__2PRFIN20090501_040130_000000572078_00348_37476_1528.N1	01-MAY-2009 04:01:30	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37476	No
39	GOM_NL__2PRFIN20090501_040437_000000602078_00348_37476_1529.N1	01-MAY-2009 04:04:37	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	37476	No
40	GOM_NL__2PRFIN20090501_040821_000000502078_00348_37476_1530.N1	01-MAY-2009 04:08:21	Twilight_stray	50.000	16	21Alp Sco	1.0200	3000.0	100	37476	No
41	GOM_NL__2PRFIN20090501_041036_000000562078_00348_37476_1531.N1	01-MAY-2009 04:10:36	Twilight_stray	56.000	80	7Del Sco	2.3160	30000.	112	37476	No
42	GOM_NL__2PRFIN20090501_041345_000000532078_00348_37476_1532.N1	01-MAY-2009 04:13:45	Bright	52.500	122	9Alp2Lib	2.7470	9700.0	105	37476	No

43	GOM_NL__2PRFIN20090501_041602_000000462078_00348_37476_1533.N1	01-MAY-2009 04:16:02	Bright	46.000	104	27Bet Lib	2.6140	13100.	92	37476	No
44	GOM_NL__2PRFIN20090501_042458_000000412078_00348_37476_1534.N1	01-MAY-2009 04:24:58	Bright	40.500	3	16Alp Boo	-0.050000	4250.0	81	37476	No
45	GOM_NL__2PRFIN20090501_042808_000000442078_00348_37476_1535.N1	01-MAY-2009 04:28:08	Bright	44.000	83		2.3780	11000.	88	37476	No
46	GOM_NL__2PRFIN20090501_043109_000000402078_00348_37476_1536.N1	01-MAY-2009 04:31:09	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37476	No
47	GOM_NL__2PRFIN20090501_044043_000000482078_00348_37476_1537.N1	01-MAY-2009 04:40:43	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37476	No
48	GOM_NL__2PRFIN20090501_045102_000000422078_00348_37476_1538.N1	01-MAY-2009 04:51:02	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	37476	No
49	GOM_NL__2PRFIN20090501_050223_000000382078_00348_37476_1539.N1	01-MAY-2009 05:02:23	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	37476	No
50	GOM_NL__2PRFIN20090501_051110_000000552078_00348_37476_1540.N1	01-MAY-2009 05:11:10	Dark	55.000	61	8Eps Peg	2.1000	3900.0	110	37476	No
51	GOM_NL__2PRFIN20090501_051335_000000492078_00348_37476_1541.N1	01-MAY-2009 05:13:35	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	37476	No
52	GOM_NL__2PRFIN20090501_051720_000000642078_00348_37476_1542.N1	01-MAY-2009 05:17:20	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	37476	No
53	GOM_NL__2PRFIN20090501_054022_000000562078_00349_37477_1542.N1	01-MAY-2009 05:40:22	Straylight	55.500	40	The Sco	1.8590	7100.0	111	37477	No
54	GOM_NL__2PRFIN20090501_054207_000000632078_00349_37477_1543.N1	01-MAY-2009 05:42:07	Straylight	62.500	25	35Lam Sco	1.6200	28000.	125	37477	No
55	GOM_NL__2PRFIN20090501_054513_000000582078_00349_37477_1544.N1	01-MAY-2009 05:45:13	Straylight	57.500	75	26Eps Sco	2.2910	4250.0	115	37477	No
56	GOM_NL__2PRFIN20090501_054858_000000502078_00349_37477_1545.N1	01-MAY-2009 05:48:58	Tw_i_and_stray	50.000	16	21Alp Sco	1.0200	3000.0	100	37477	No
57	GOM_NL__2PRFIN20090501_055112_000000562078_00349_37477_1546.N1	01-MAY-2009 05:51:12	Tw_i_and_stray	56.000	80	7Del Sco	2.3160	30000.	112	37477	No
58	GOM_NL__2PRFIN20090501_055421_000000422078_00349_37477_1547.N1	01-MAY-2009 05:54:21	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37477	No
59	GOM_NL__2PRFIN20090501_055638_000000482078_00349_37477_1548.N1	01-MAY-2009 05:56:38	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37477	No
60	GOM_NL__2PRFIN20090501_060534_000000592078_00349_37477_1549.N1	01-MAY-2009 06:05:34	Bright	59.000	3	16Alp Boo	-0.050000	4250.0	118	37477	No
61	GOM_NL__2PRFIN20090501_060844_000000462078_00349_37477_1550.N1	01-MAY-2009 06:08:44	Bright	46.000	83		2.3780	11000.	92	37477	No
62	GOM_NL__2PRFIN20090501_061145_000000392078_00349_37477_1551.N1	01-MAY-2009 06:11:45	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37477	No
63	GOM_NL__2PRFIN20090501_062118_000000442078_00349_37477_1552.N1	01-MAY-2009 06:21:18	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37477	No
64	GOM_NL__2PRFIN20090501_063137_000000422078_00349_37477_1553.N1	01-MAY-2009 06:31:37	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	37477	No
65	GOM_NL__2PRFIN20090501_064259_000000382078_00349_37477_1554.N1	01-MAY-2009 06:42:59	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	37477	No
66	GOM_NL__2PRFIN20090501_065147_000000532078_00349_37477_1555.N1	01-MAY-2009 06:51:47	Dark	52.500	61	8Eps Peg	2.1000	3900.0	105	37477	No
67	GOM_NL__2PRFIN20090501_065412_000000472078_00349_37477_1556.N1	01-MAY-2009 06:54:12	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	37477	No
68	GOM_NL__2PRFIN20090501_065757_000000592078_00349_37477_1557.N1	01-MAY-2009 06:57:57	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	37477	No
69	GOM_NL__2PRFIN20090501_072058_000000572078_00350_37478_1556.N1	01-MAY-2009 07:20:58	Straylight	57.000	40	The Sco	1.8590	7100.0	114	37478	No
70	GOM_NL__2PRFIN20090501_072244_000000622078_00350_37478_1557.N1	01-MAY-2009 07:22:44	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37478	No
71	GOM_NL__2PRFIN20090501_072550_000000602078_00350_37478_1558.N1	01-MAY-2009 07:25:50	Straylight	60.000	75	26Eps Sco	2.2910	4250.0	120	37478	No
72	GOM_NL__2PRFIN20090501_072934_000000532078_00350_37478_1559.N1	01-MAY-2009 07:29:34	Tw_i_and_stray	53.000	16	21Alp Sco	1.0200	3000.0	106	37478	No
73	GOM_NL__2PRFIN20090501_073148_000000602078_00350_37478_1560.N1	01-MAY-2009 07:31:48	Tw_i_and_stray	59.500	80	7Del Sco	2.3160	30000.	119	37478	No
74	GOM_NL__2PRFIN20090501_073457_000000442078_00350_37478_1561.N1	01-MAY-2009 07:34:57	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37478	No
75	GOM_NL__2PRFIN20090501_073714_000000492078_00350_37478_1562.N1	01-MAY-2009 07:37:14	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	37478	No
76	GOM_NL__2PRFIN20090501_074609_000000442078_00350_37478_1563.N1	01-MAY-2009 07:46:09	Bright	44.000	3	16Alp Boo	-0.050000	4250.0	88	37478	No
77	GOM_NL__2PRFIN20090501_074919_000000462078_00350_37478_1564.N1	01-MAY-2009 07:49:19	Bright	45.500	83		2.3780	11000.	91	37478	No
78	GOM_NL__2PRFIN20090501_075220_000000402078_00350_37478_1565.N1	01-MAY-2009 07:52:20	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37478	No
79	GOM_NL__2PRFIN20090501_080153_000000452078_00350_37478_1566.N1	01-MAY-2009 08:01:53	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37478	No
80	GOM_NL__2PRFIN20090501_081213_000000502078_00350_37478_1567.N1	01-MAY-2009 08:12:13	Bright	50.000	89	5Alp Cep	2.4510	8000.0	100	37478	No
81	GOM_NL__2PRFIN20090501_082336_000000372078_00350_37478_1568.N1	01-MAY-2009 08:23:36	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	37478	No
82	GOM_NL__2PRFIN20090501_083223_000000522078_00350_37478_1569.N1	01-MAY-2009 08:32:23	Dark	51.500	61	8Eps Peg	2.1000	3900.0	103	37478	No
83	GOM_NL__2PRFIN20090501_083449_000000472078_00350_37478_1570.N1	01-MAY-2009 08:34:49	Dark	46.500	162	34Alp Aqr	2.9440	5350.0	93	37478	No
84	GOM_NL__2PRFIN20090501_083835_000000652078_00350_37478_1571.N1	01-MAY-2009 08:38:35	Dark	64.500	154	22Bet Aqr	2.8990	5700.0	129	37478	No
85	GOM_NL__2PRFIN20090501_104212_000000512078_00352_37480_1584.N1	01-MAY-2009 10:42:12	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37480	No
86	GOM_NL__2PRFIN20090501_104357_000000552078_00352_37480_1585.N1	01-MAY-2009 10:43:57	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37480	No
87	GOM_NL__2PRFIN20090501_104704_000000512078_00352_37480_1586.N1	01-MAY-2009 10:47:04	Straylight	51.000	75	26Eps Sco	2.2910	4250.0	102	37480	No
88	GOM_NL__2PRFIN20090501_105047_000000542078_00352_37480_1587.N1	01-MAY-2009 10:50:47	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37480	No
89	GOM_NL__2PRFIN20090501_105301_000000502078_00352_37480_1588.N1	01-MAY-2009 10:53:01	Tw_i_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37480	No
90	GOM_NL__2PRFIN20090501_105609_000000412078_00352_37480_1589.N1	01-MAY-2009 10:56:09	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37480	No
91	GOM_NL__2PRFIN20090501_105826_000000472078_00352_37480_1590.N1	01-MAY-2009 10:58:26	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37480	No
92	GOM_NL__2PRFIN20090501_110720_000000592078_00352_37480_1591.N1	01-MAY-2009 11:07:20	Bright	59.000	3	16Alp Boo	-0.050000	4250.0	118	37480	No
93	GOM_NL__2PRFIN20090501_111030_000000502078_00352_37480_1592.N1	01-MAY-2009 11:10:30	Bright	50.000	83		2.3780	11000.	100	37480	No
94	GOM_NL__2PRFIN20090501_111331_000000402078_00352_37480_1593.N1	01-MAY-2009 11:13:31	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37480	No
95	GOM_NL__2PRFIN20090501_112304_000000462078_00352_37480_1594.N1	01-MAY-2009 11:23:04	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37480	No
96	GOM_NL__2PRFIN20090501_113324_000000372078_00352_37480_1595.N1	01-MAY-2009 11:33:24	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37480	No
97	GOM_NL__2PRFIN20090501_114448_000000352078_00352_37480_1596.N1	01-MAY-2009 11:44:48	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37480	No
98	GOM_NL__2PRFIN20090501_115337_000000492078_00352_37480_1597.N1	01-MAY-2009 11:53:37	Dark	48.500	61	8Eps Peg	2.1000	3900.0	97	37480	No
99	GOM_NL__2PRFIN20090501_115602_000000442078_00352_37480_1598.N1	01-MAY-2009 11:56:02	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37480	No
100	GOM_NL__2PRFIN20090501_115949_000000542078_00352_37480_1599.N1	01-MAY-2009 11:59:49	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37480	No
101	GOM_NL__2PRFIN20090501_122249_000000512078_00353_37481_1615.N1	01-MAY-2009 12:22:49	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37481	No

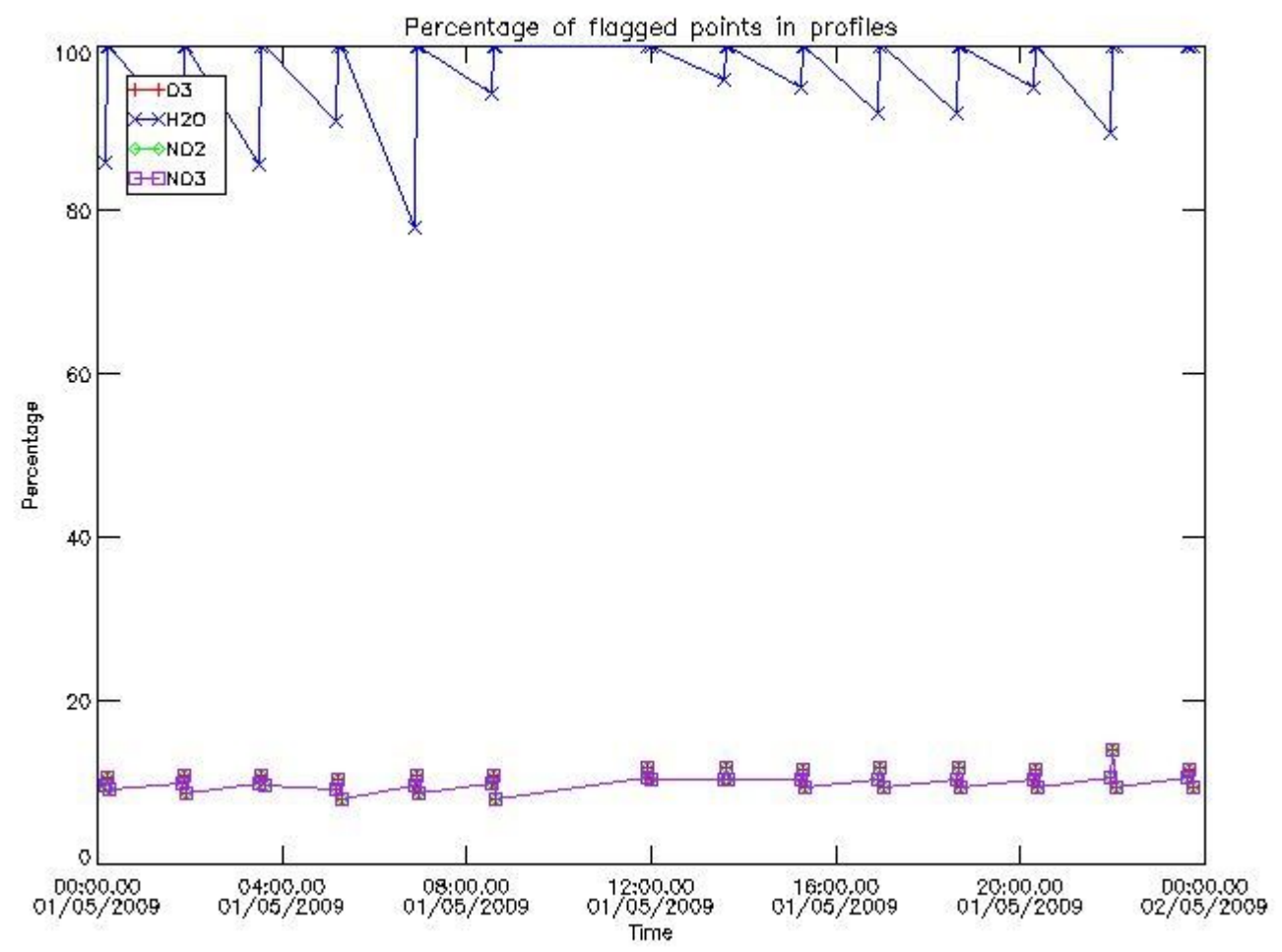
102	GOM_NL__2PRFIN20090501_122434_000000562078_00353_37481_1616.N1	01-MAY-2009 12:24:34	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37481	No
103	GOM_NL__2PRFIN20090501_122740_000000522078_00353_37481_1617.N1	01-MAY-2009 12:27:40	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37481	No
104	GOM_NL__2PRFIN20090501_123124_000000552078_00353_37481_1618.N1	01-MAY-2009 12:31:24	Tw_i_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	37481	No
105	GOM_NL__2PRFIN20090501_123337_000000502078_00353_37481_1619.N1	01-MAY-2009 12:33:37	Tw_i_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	37481	No
106	GOM_NL__2PRFIN20090501_123645_000000432078_00353_37481_1620.N1	01-MAY-2009 12:36:45	Bright	43.000	122	9Alp2Lib	2.7470	9700.0	86	37481	No
107	GOM_NL__2PRFIN20090501_123902_000000502078_00353_37481_1621.N1	01-MAY-2009 12:39:02	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37481	No
108	GOM_NL__2PRFIN20090501_124756_000000482078_00353_37481_1622.N1	01-MAY-2009 12:47:56	Bright	48.000	3	16Alp Boo	-0.050000	4250.0	96	37481	No
109	GOM_NL__2PRFIN20090501_125105_000000432078_00353_37481_1623.N1	01-MAY-2009 12:51:05	Bright	43.000	83		2.3780	11000.	86	37481	No
110	GOM_NL__2PRFIN20090501_125406_000000412078_00353_37481_1624.N1	01-MAY-2009 12:54:06	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37481	No
111	GOM_NL__2PRFIN20090501_130339_000000452078_00353_37481_1625.N1	01-MAY-2009 13:03:39	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37481	No
112	GOM_NL__2PRFIN20090501_131400_000000372078_00353_37481_1626.N1	01-MAY-2009 13:14:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37481	No
113	GOM_NL__2PRFIN20090501_132524_000000352078_00353_37481_1627.N1	01-MAY-2009 13:25:24	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37481	No
114	GOM_NL__2PRFIN20090501_133414_000000492078_00353_37481_1628.N1	01-MAY-2009 13:34:14	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37481	No
115	GOM_NL__2PRFIN20090501_133639_000000442078_00353_37481_1629.N1	01-MAY-2009 13:36:39	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37481	No
116	GOM_NL__2PRFIN20090501_134026_000000542078_00353_37481_1630.N1	01-MAY-2009 13:40:26	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37481	No
117	GOM_NL__2PRFIN20090501_140326_000000512078_00354_37482_1663.N1	01-MAY-2009 14:03:26	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37482	No
118	GOM_NL__2PRFIN20090501_140511_000000562078_00354_37482_1664.N1	01-MAY-2009 14:05:11	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37482	No
119	GOM_NL__2PRFIN20090501_140817_000000522078_00354_37482_1665.N1	01-MAY-2009 14:08:17	Straylight	52.000	75	26Eps Sco	2.2910	4250.0	104	37482	No
120	GOM_NL__2PRFIN20090501_141200_000000552078_00354_37482_1666.N1	01-MAY-2009 14:12:00	Tw_i_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	37482	No
121	GOM_NL__2PRFIN20090501_141413_000000502078_00354_37482_1667.N1	01-MAY-2009 14:14:13	Tw_i_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37482	No
122	GOM_NL__2PRFIN20090501_141721_000000422078_00354_37482_1668.N1	01-MAY-2009 14:17:21	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37482	No
123	GOM_NL__2PRFIN20090501_141938_000000502078_00354_37482_1669.N1	01-MAY-2009 14:19:38	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37482	No
124	GOM_NL__2PRFIN20090501_142832_000000392078_00354_37482_1670.N1	01-MAY-2009 14:28:32	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	37482	No
125	GOM_NL__2PRFIN20090501_143141_000000442078_00354_37482_1671.N1	01-MAY-2009 14:31:41	Bright	44.000	83		2.3780	11000.	88	37482	No
126	GOM_NL__2PRFIN20090501_143442_000000392078_00354_37482_1672.N1	01-MAY-2009 14:34:42	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37482	No
127	GOM_NL__2PRFIN20090501_144415_000000402078_00354_37482_1673.N1	01-MAY-2009 14:44:15	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37482	No
128	GOM_NL__2PRFIN20090501_145435_000000372078_00354_37482_1674.N1	01-MAY-2009 14:54:35	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37482	No
129	GOM_NL__2PRFIN20090501_150600_000000352078_00354_37482_1675.N1	01-MAY-2009 15:06:00	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37482	No
130	GOM_NL__2PRFIN20090501_151450_000000492078_00354_37482_1676.N1	01-MAY-2009 15:14:50	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37482	No
131	GOM_NL__2PRFIN20090501_151716_000000442078_00354_37482_1677.N1	01-MAY-2009 15:17:16	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37482	No
132	GOM_NL__2PRFIN20090501_152103_000000542078_00354_37482_1678.N1	01-MAY-2009 15:21:03	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37482	No
133	GOM_NL__2PRFIN20090501_154402_000000522078_00355_37483_1677.N1	01-MAY-2009 15:44:02	Straylight	51.500	40	The Sco	1.8590	7100.0	103	37483	No
134	GOM_NL__2PRFIN20090501_154548_000000562078_00355_37483_1678.N1	01-MAY-2009 15:45:48	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	37483	No
135	GOM_NL__2PRFIN20090501_154854_000000522078_00355_37483_1679.N1	01-MAY-2009 15:48:54	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37483	No
136	GOM_NL__2PRFIN20090501_155237_000000542078_00355_37483_1680.N1	01-MAY-2009 15:52:37	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37483	No
137	GOM_NL__2PRFIN20090501_155449_000000512078_00355_37483_1681.N1	01-MAY-2009 15:54:49	Tw_i_and_stray	50.500	80	7Del Sco	2.3160	30000.	101	37483	No
138	GOM_NL__2PRFIN20090501_155757_000000422078_00355_37483_1682.N1	01-MAY-2009 15:57:57	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37483	No
139	GOM_NL__2PRFIN20090501_160013_000000502078_00355_37483_1683.N1	01-MAY-2009 16:00:13	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37483	No
140	GOM_NL__2PRFIN20090501_160908_000000392078_00355_37483_1684.N1	01-MAY-2009 16:09:08	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	37483	No
141	GOM_NL__2PRFIN20090501_161216_000000482078_00355_37483_1685.N1	01-MAY-2009 16:12:16	Bright	47.500	83		2.3780	11000.	95	37483	No
142	GOM_NL__2PRFIN20090501_161517_000000412078_00355_37483_1686.N1	01-MAY-2009 16:15:17	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37483	No
143	GOM_NL__2PRFIN20090501_162450_000000432078_00355_37483_1687.N1	01-MAY-2009 16:24:50	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37483	No
144	GOM_NL__2PRFIN20090501_163511_000000372078_00355_37483_1688.N1	01-MAY-2009 16:35:11	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37483	No
145	GOM_NL__2PRFIN20090501_164636_000000352078_00355_37483_1689.N1	01-MAY-2009 16:46:36	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37483	No
146	GOM_NL__2PRFIN20090501_165527_000000492078_00355_37483_1690.N1	01-MAY-2009 16:55:27	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37483	No
147	GOM_NL__2PRFIN20090501_165753_000000442078_00355_37483_1691.N1	01-MAY-2009 16:57:53	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37483	No
148	GOM_NL__2PRFIN20090501_170141_000000542078_00355_37483_1692.N1	01-MAY-2009 17:01:41	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	37483	No
149	GOM_NL__2PRFIN20090501_172439_000000512078_00356_37484_1696.N1	01-MAY-2009 17:24:39	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37484	No
150	GOM_NL__2PRFIN20090501_172625_000000562078_00356_37484_1697.N1	01-MAY-2009 17:26:25	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37484	No
151	GOM_NL__2PRFIN20090501_172930_000000522078_00356_37484_1698.N1	01-MAY-2009 17:29:30	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37484	No
152	GOM_NL__2PRFIN20090501_173313_000000542078_00356_37484_1699.N1	01-MAY-2009 17:33:13	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37484	No
153	GOM_NL__2PRFIN20090501_173526_000000502078_00356_37484_1700.N1	01-MAY-2009 17:35:26	Tw_i_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	37484	No
154	GOM_NL__2PRFIN20090501_173834_000000412078_00356_37484_1701.N1	01-MAY-2009 17:38:34	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37484	No
155	GOM_NL__2PRFIN20090501_174049_000000472078_00356_37484_1702.N1	01-MAY-2009 17:40:49	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	37484	No
156	GOM_NL__2PRFIN20090501_174943_000000452078_00356_37484_1703.N1	01-MAY-2009 17:49:43	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37484	No
157	GOM_NL__2PRFIN20090501_175252_000000512078_00356_37484_1704.N1	01-MAY-2009 17:52:52	Bright	50.500	83		2.3780	11000.	101	37484	No
158	GOM_NL__2PRFIN20090501_175553_000000392078_00356_37484_1705.N1	01-MAY-2009 17:55:53	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37484	No
159	GOM_NL__2PRFIN20090501_180525_000000452078_00356_37484_1706.N1	01-MAY-2009 18:05:25	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37484	No
160	GOM_NL__2PRFIN20090501_181547_000000372078_00356_37484_1707.N1	01-MAY-2009 18:15:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37484	No

161	GOM_NL__2PRFIN20090501_182712_000000352078_00356_37484_1708.N1	01-MAY-2009 18:27:12	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37484	No
162	GOM_NL__2PRFIN20090501_183604_000000502078_00356_37484_1709.N1	01-MAY-2009 18:36:04	Dark	49.500	61	8Eps Peg	2.1000	3900.0	99	37484	No
163	GOM_NL__2PRFIN20090501_183830_000000442078_00356_37484_1710.N1	01-MAY-2009 18:38:30	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37484	No
164	GOM_NL__2PRFIN20090501_184218_000000552078_00356_37484_1711.N1	01-MAY-2009 18:42:18	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37484	No
165	GOM_NL__2PRFIN20090501_190516_000000502078_00357_37485_1712.N1	01-MAY-2009 19:05:16	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37485	No
166	GOM_NL__2PRFIN20090501_190702_000000552078_00357_37485_1713.N1	01-MAY-2009 19:07:02	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37485	No
167	GOM_NL__2PRFIN20090501_191007_000000522078_00357_37485_1714.N1	01-MAY-2009 19:10:07	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37485	No
168	GOM_NL__2PRFIN20090501_191349_000000542078_00357_37485_1715.N1	01-MAY-2009 19:13:49	Twi_and_stray	53.500	16	21Alp Sco	1.0200	3000.0	107	37485	No
169	GOM_NL__2PRFIN20090501_191602_000000502078_00357_37485_1716.N1	01-MAY-2009 19:16:02	Twi_and_stray	50.000	80	7Del Sco	2.3160	30000.	100	37485	No
170	GOM_NL__2PRFIN20090501_191910_000000422078_00357_37485_1717.N1	01-MAY-2009 19:19:10	Bright	42.000	122	9Alp2Lib	2.7470	9700.0	84	37485	No
171	GOM_NL__2PRFIN20090501_192126_000000472078_00357_37485_1718.N1	01-MAY-2009 19:21:26	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37485	No
172	GOM_NL__2PRFIN20090501_193019_000000432078_00357_37485_1719.N1	01-MAY-2009 19:30:19	Bright	42.500	3	16Alp Boo	-0.050000	4250.0	85	37485	No
173	GOM_NL__2PRFIN20090501_193327_000000432078_00357_37485_1720.N1	01-MAY-2009 19:33:27	Bright	42.500	83		2.3780	11000.	85	37485	No
174	GOM_NL__2PRFIN20090501_193628_000000412078_00357_37485_1721.N1	01-MAY-2009 19:36:28	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37485	No
175	GOM_NL__2PRFIN20090501_194600_000000432078_00357_37485_1722.N1	01-MAY-2009 19:46:00	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37485	No
176	GOM_NL__2PRFIN20090501_195623_000000372078_00357_37485_1723.N1	01-MAY-2009 19:56:23	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37485	No
177	GOM_NL__2PRFIN20090501_200748_000000352078_00357_37485_1724.N1	01-MAY-2009 20:07:48	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37485	No
178	GOM_NL__2PRFIN20090501_201641_000000492078_00357_37485_1725.N1	01-MAY-2009 20:16:41	Dark	49.000	61	8Eps Peg	2.1000	3900.0	98	37485	No
179	GOM_NL__2PRFIN20090501_201906_000000442078_00357_37485_1726.N1	01-MAY-2009 20:19:06	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37485	No
180	GOM_NL__2PRFIN20090501_202255_000000552078_00357_37485_1727.N1	01-MAY-2009 20:22:55	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37485	No
181	GOM_NL__2PRFIN20090501_204553_000000512078_00358_37486_1728.N1	01-MAY-2009 20:45:53	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37486	No
182	GOM_NL__2PRFIN20090501_204739_000000552078_00358_37486_1729.N1	01-MAY-2009 20:47:39	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37486	No
183	GOM_NL__2PRFIN20090501_205044_000000512078_00358_37486_1730.N1	01-MAY-2009 20:50:44	Straylight	51.000	75	26Eps Sco	2.2910	4250.0	102	37486	No
184	GOM_NL__2PRFIN20090501_205426_000000542078_00358_37486_1731.N1	01-MAY-2009 20:54:26	Twi_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37486	No
185	GOM_NL__2PRFIN20090501_205638_000000502078_00358_37486_1732.N1	01-MAY-2009 20:56:38	Twi_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37486	No
186	GOM_NL__2PRFIN20090501_205946_000000422078_00358_37486_1733.N1	01-MAY-2009 20:59:46	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37486	No
187	GOM_NL__2PRFIN20090501_210201_000000482078_00358_37486_1734.N1	01-MAY-2009 21:02:01	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37486	No
188	GOM_NL__2PRFIN20090501_211055_000000392078_00358_37486_1735.N1	01-MAY-2009 21:10:55	Bright	39.000	3	16Alp Boo	-0.050000	4250.0	78	37486	No
189	GOM_NL__2PRFIN20090501_211402_000000442078_00358_37486_1736.N1	01-MAY-2009 21:14:02	Bright	43.500	83		2.3780	11000.	87	37486	No
190	GOM_NL__2PRFIN20090501_211704_000000392078_00358_37486_1737.N1	01-MAY-2009 21:17:04	Bright	38.500	180	27Gam Boo	3.0400	8000.0	77	37486	No
191	GOM_NL__2PRFIN20090501_212636_000000442078_00358_37486_1738.N1	01-MAY-2009 21:26:36	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37486	No
192	GOM_NL__2PRFIN20090501_213658_000000372078_00358_37486_1739.N1	01-MAY-2009 21:36:58	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37486	No
193	GOM_NL__2PRFIN20090501_214825_000000352078_00358_37486_1740.N1	01-MAY-2009 21:48:25	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	37486	No
194	GOM_NL__2PRFIN20090501_215718_000000482078_00358_37486_1741.N1	01-MAY-2009 21:57:18	Dark	48.000	61	8Eps Peg	2.1000	3900.0	96	37486	No
195	GOM_NL__2PRFIN20090501_215943_000000442078_00358_37486_1742.N1	01-MAY-2009 21:59:43	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	37486	No
196	GOM_NL__2PRFIN20090501_220332_000000552078_00358_37486_1743.N1	01-MAY-2009 22:03:32	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37486	No
197	GOM_NL__2PRFIN20090501_222629_000000512078_00359_37487_1744.N1	01-MAY-2009 22:26:29	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37487	No
198	GOM_NL__2PRFIN20090501_222815_000000552078_00359_37487_1745.N1	01-MAY-2009 22:28:15	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37487	No
199	GOM_NL__2PRFIN20090501_223120_000000522078_00359_37487_1746.N1	01-MAY-2009 22:31:20	Straylight	51.500	75	26Eps Sco	2.2910	4250.0	103	37487	No
200	GOM_NL__2PRFIN20090501_223502_000000542078_00359_37487_1747.N1	01-MAY-2009 22:35:02	Twi_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	37487	No
201	GOM_NL__2PRFIN20090501_223714_000000502078_00359_37487_1748.N1	01-MAY-2009 22:37:14	Twi_and_stray	49.500	80	7Del Sco	2.3160	30000.	99	37487	No
202	GOM_NL__2PRFIN20090501_224022_000000412078_00359_37487_1749.N1	01-MAY-2009 22:40:22	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37487	No
203	GOM_NL__2PRFIN20090501_224237_000000472078_00359_37487_1750.N1	01-MAY-2009 22:42:37	Bright	46.500	104	27Bet Lib	2.6140	13100.	93	37487	No
204	GOM_NL__2PRFIN20090501_225130_000000592078_00359_37487_1751.N1	01-MAY-2009 22:51:30	Bright	59.000	3	16Alp Boo	-0.050000	4250.0	118	37487	No
205	GOM_NL__2PRFIN20090501_225438_000000442078_00359_37487_1752.N1	01-MAY-2009 22:54:38	Bright	43.500	83		2.3780	11000.	87	37487	No
206	GOM_NL__2PRFIN20090501_225739_000000412078_00359_37487_1753.N1	01-MAY-2009 22:57:39	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37487	No
207	GOM_NL__2PRFIN20090501_230711_000000452078_00359_37487_1754.N1	01-MAY-2009 23:07:11	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37487	No
208	GOM_NL__2PRFIN20090501_231734_000000372078_00359_37487_1755.N1	01-MAY-2009 23:17:34	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	37487	No
209	GOM_NL__2PRFIN20090501_232900_000000352078_00359_37487_1756.N1	01-MAY-2009 23:29:00	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	37487	No
210	GOM_NL__2PRFIN20090501_233754_000000482078_00359_37487_1757.N1	01-MAY-2009 23:37:54	Dark	48.000	61	8Eps Peg	2.1000	3900.0	96	37487	No
211	GOM_NL__2PRFIN20090501_234020_000000442078_00359_37487_1758.N1	01-MAY-2009 23:40:20	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	37487	No
212	GOM_NL__2PRFIN20090501_234409_000000552078_00359_37487_1759.N1	01-MAY-2009 23:44:09	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	37487	No

3. Quality information per product

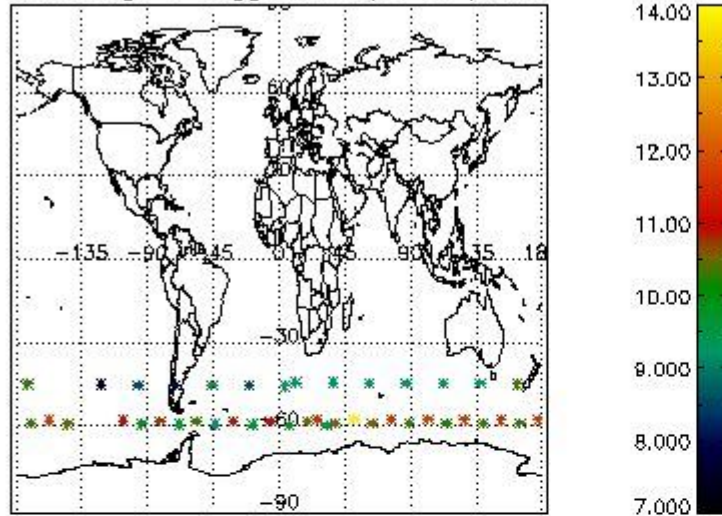
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

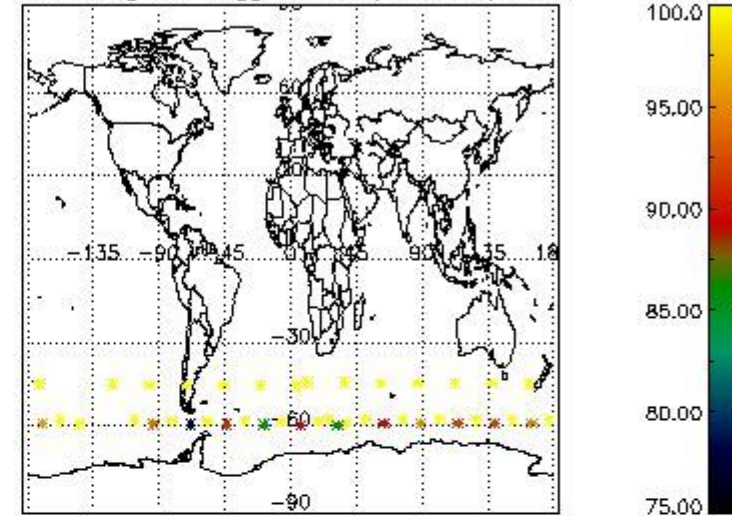


3.2 Plot quality information per product (world map)

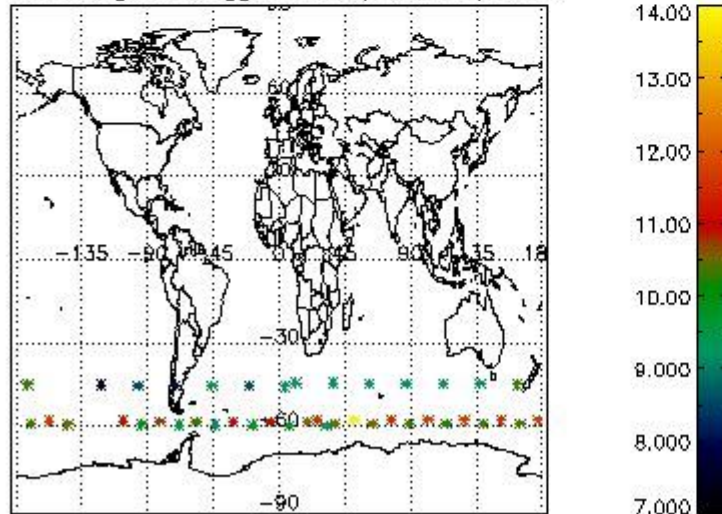
Percentage of flagged data per O3 profile



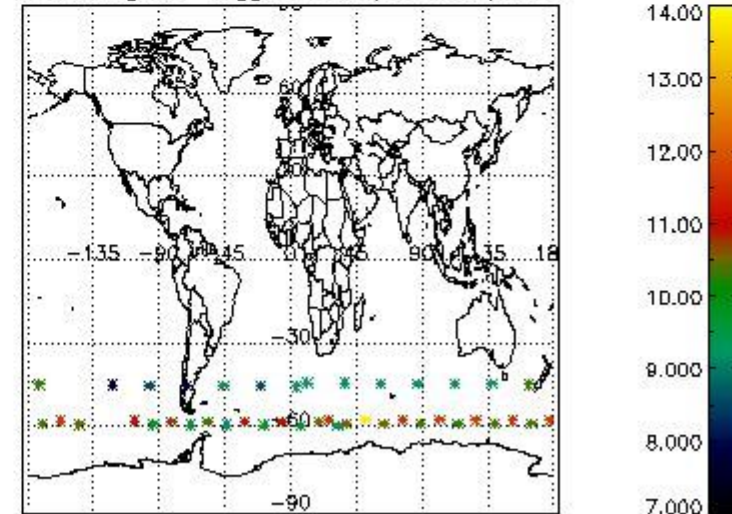
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

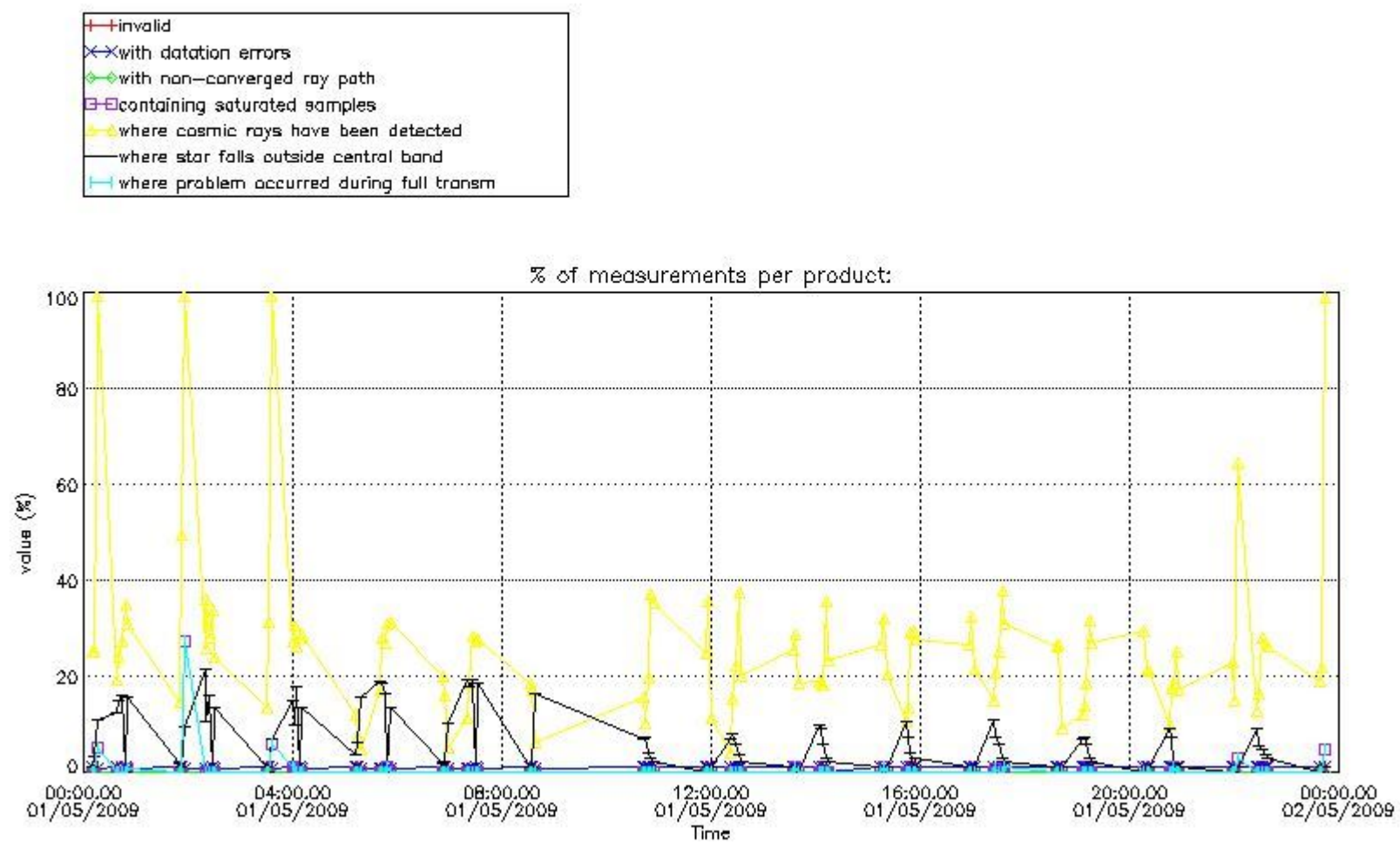


4. Level 1 quality information per product

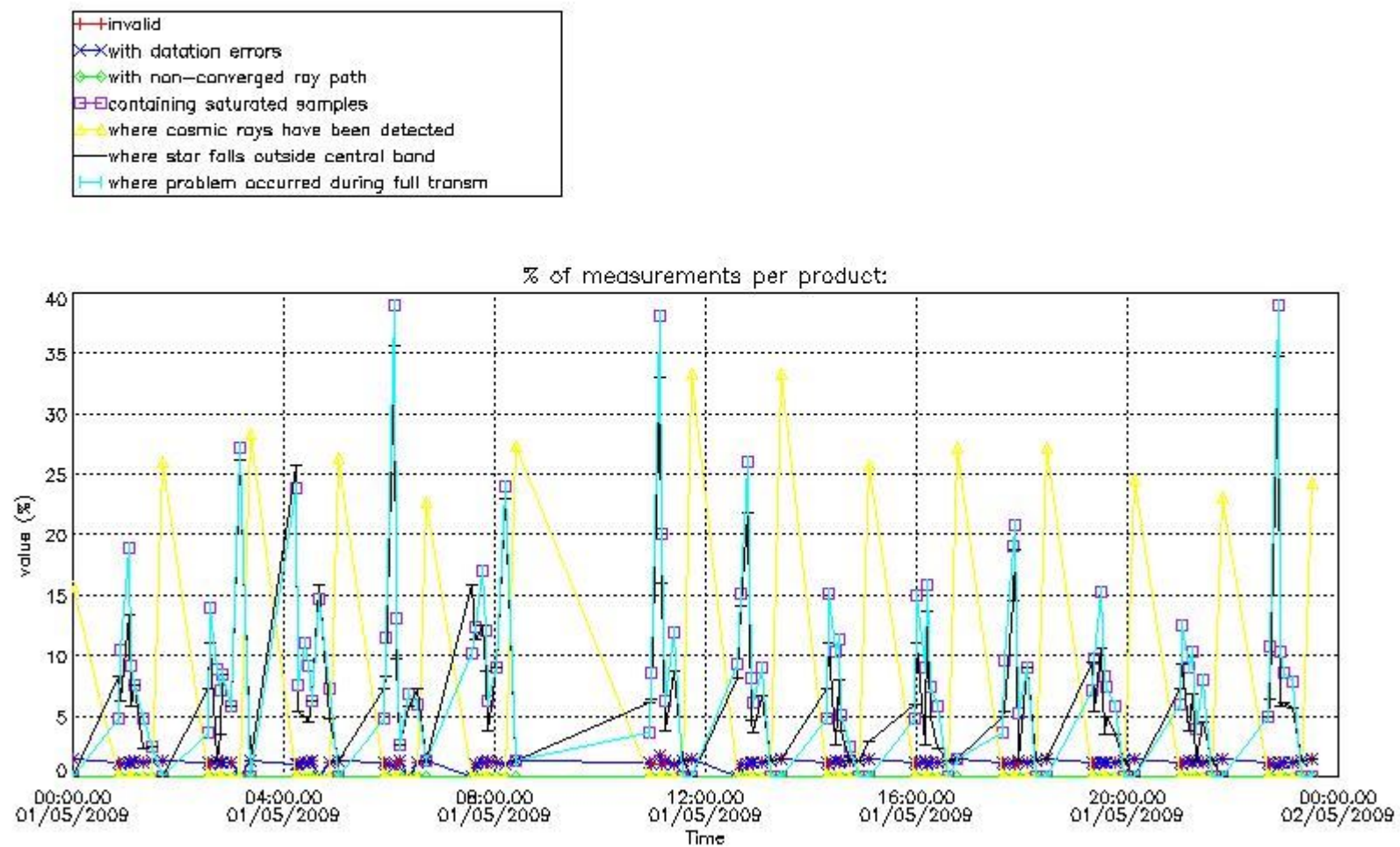
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

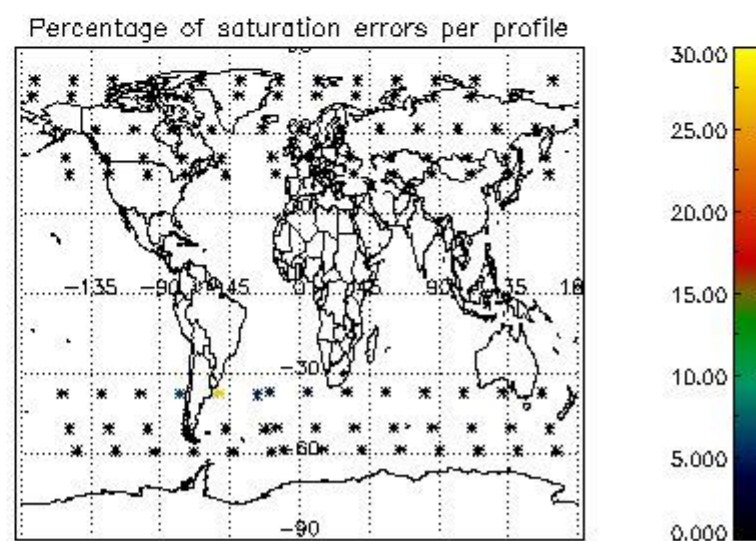
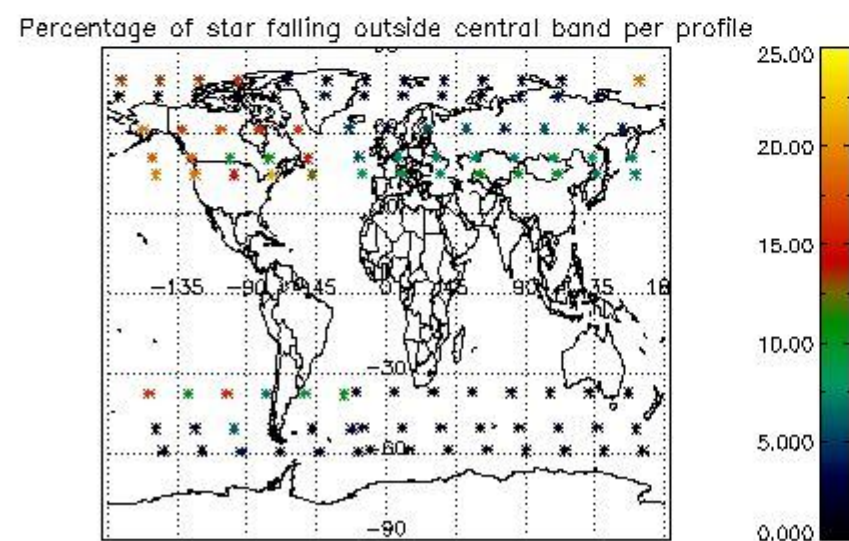
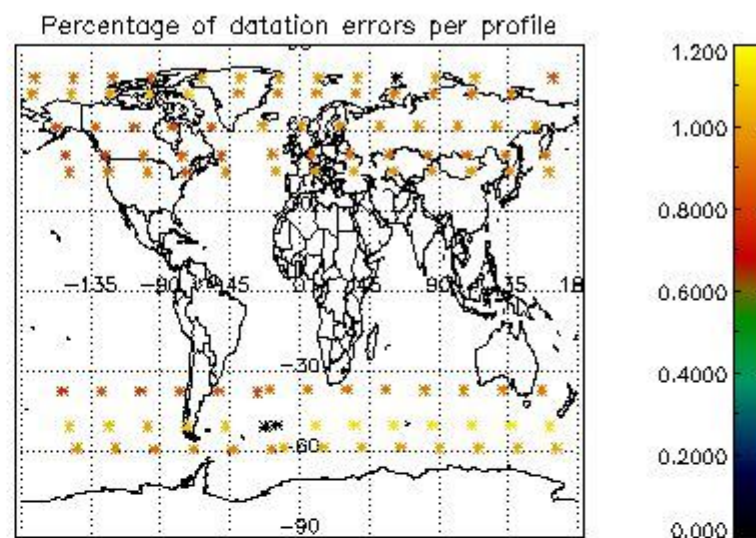
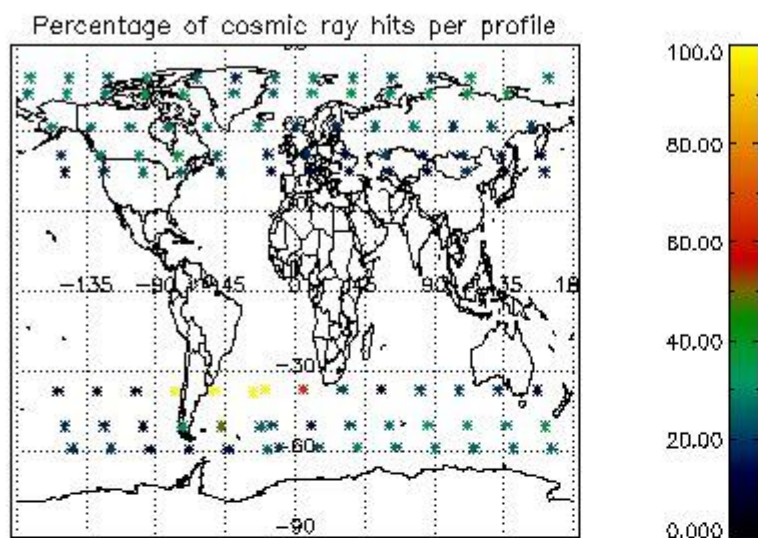


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

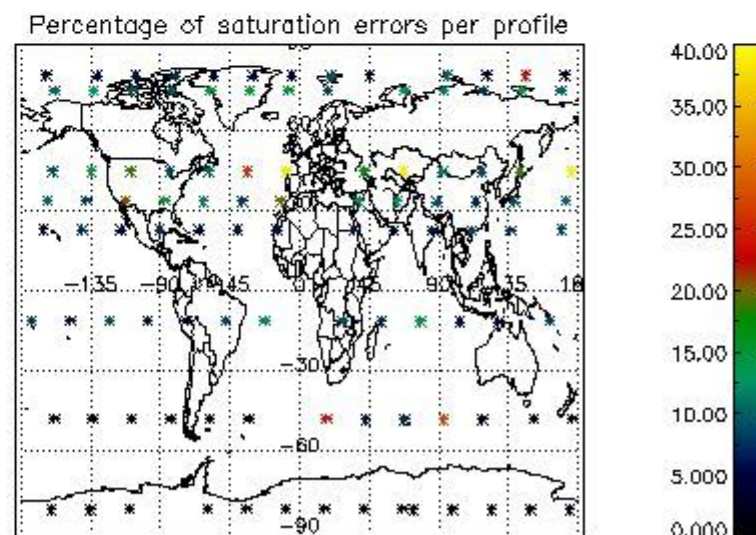
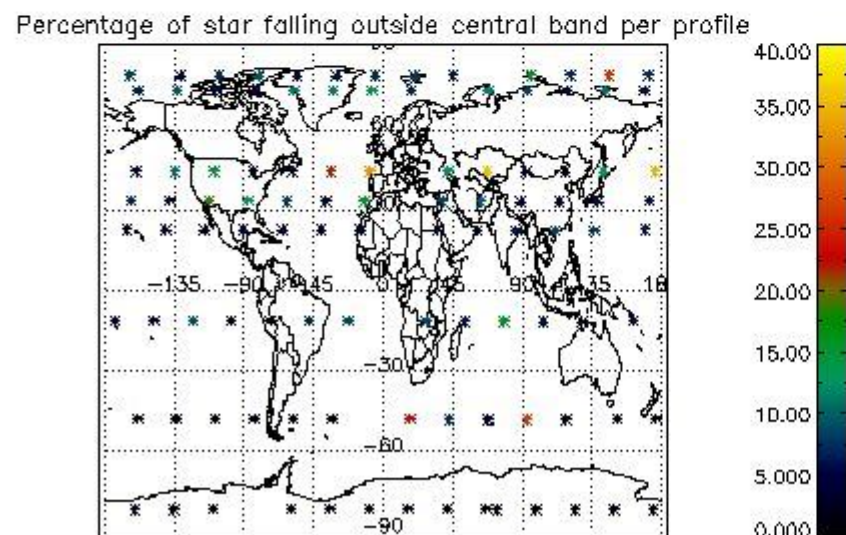
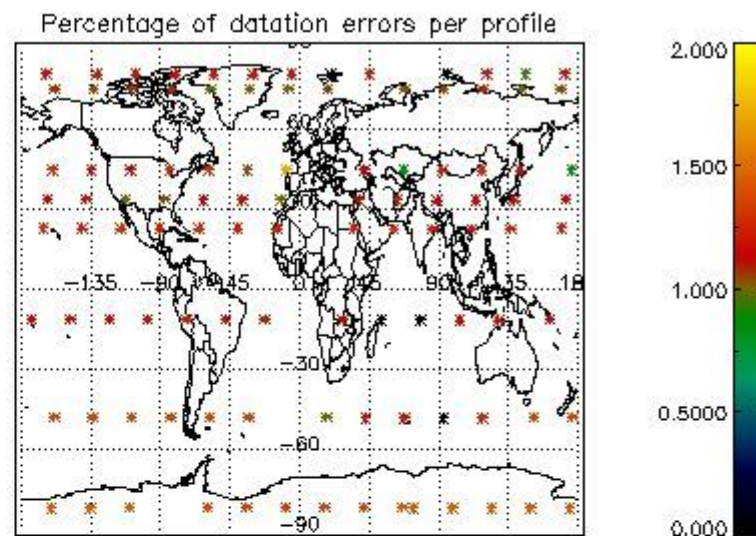
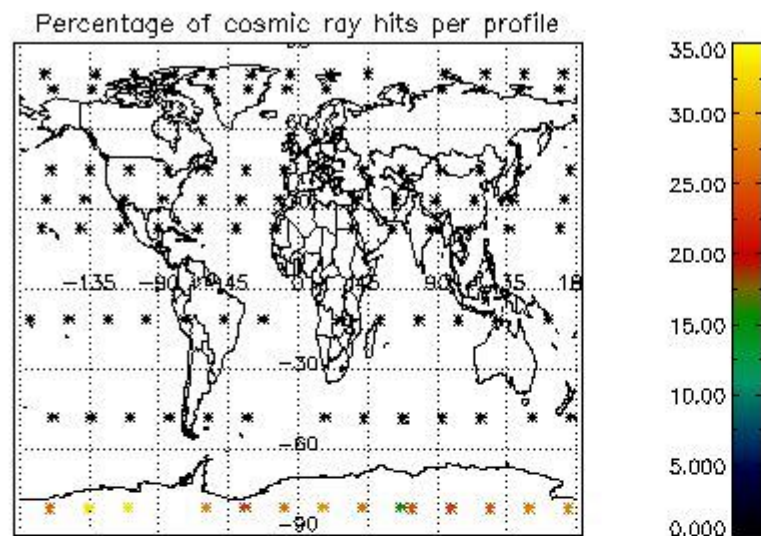


4.2 Plot quality information per product coming from level 1b processing (world map)

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

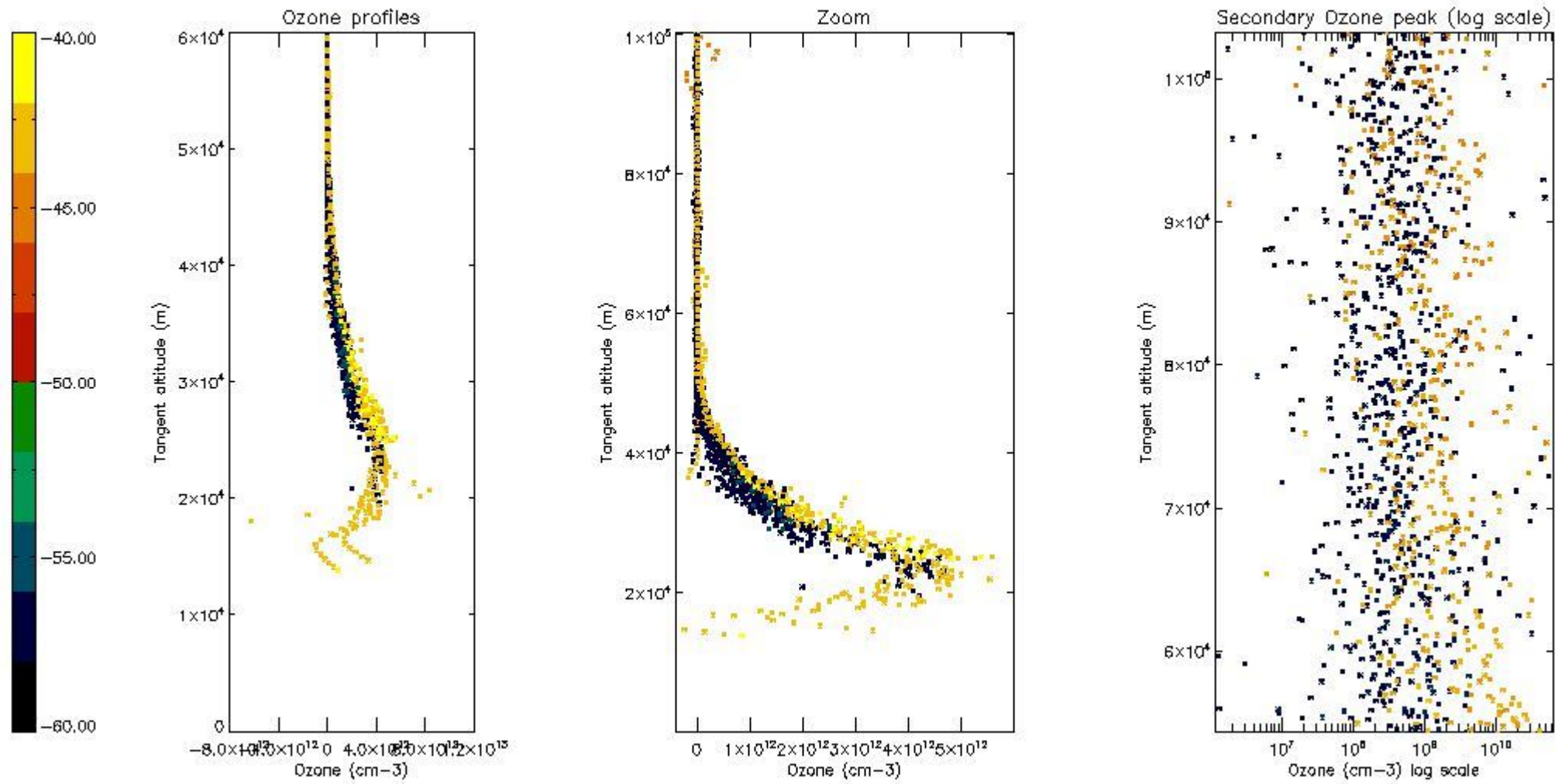
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	4

STD < 10	1
STD < 5	0

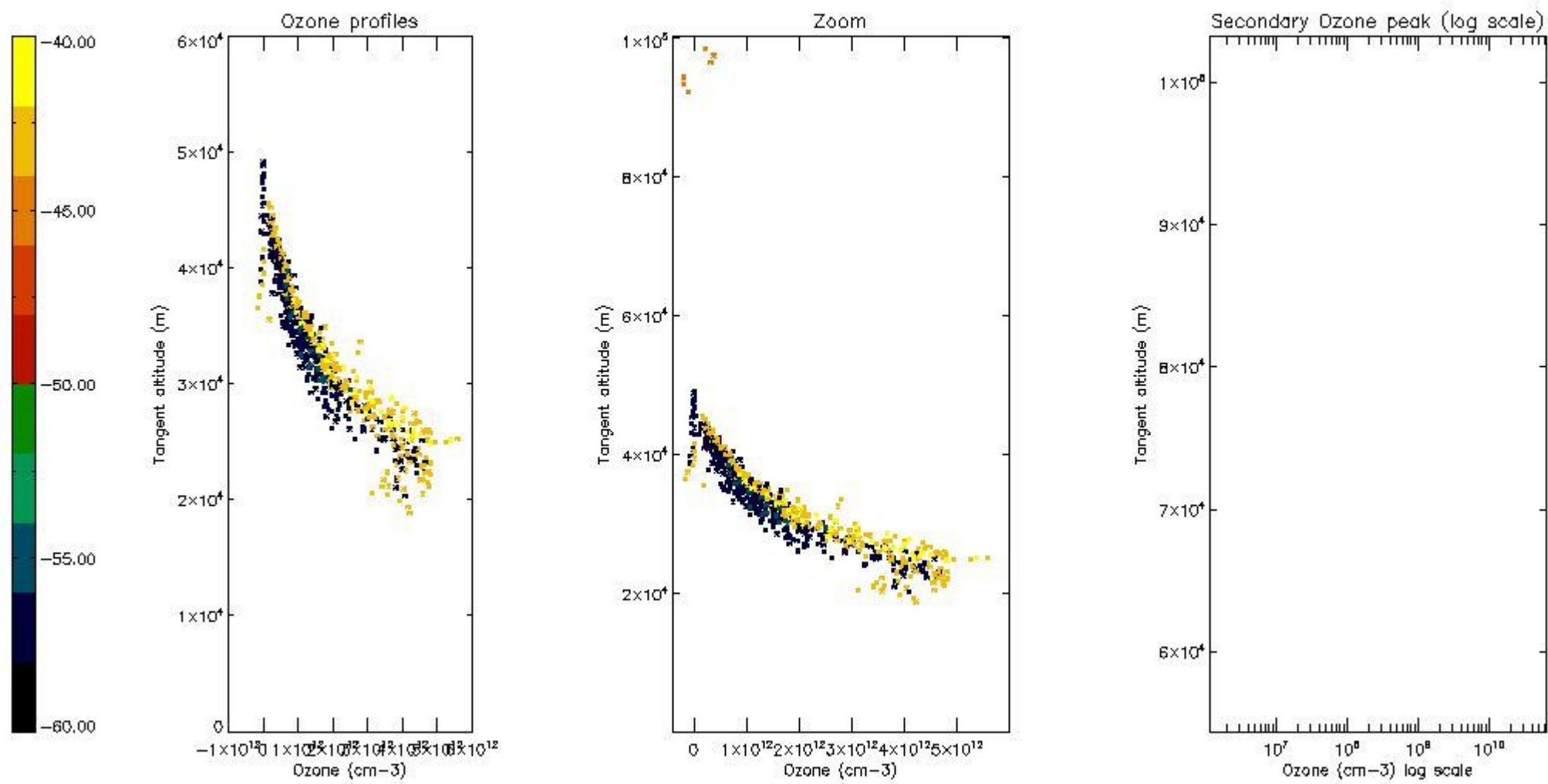
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



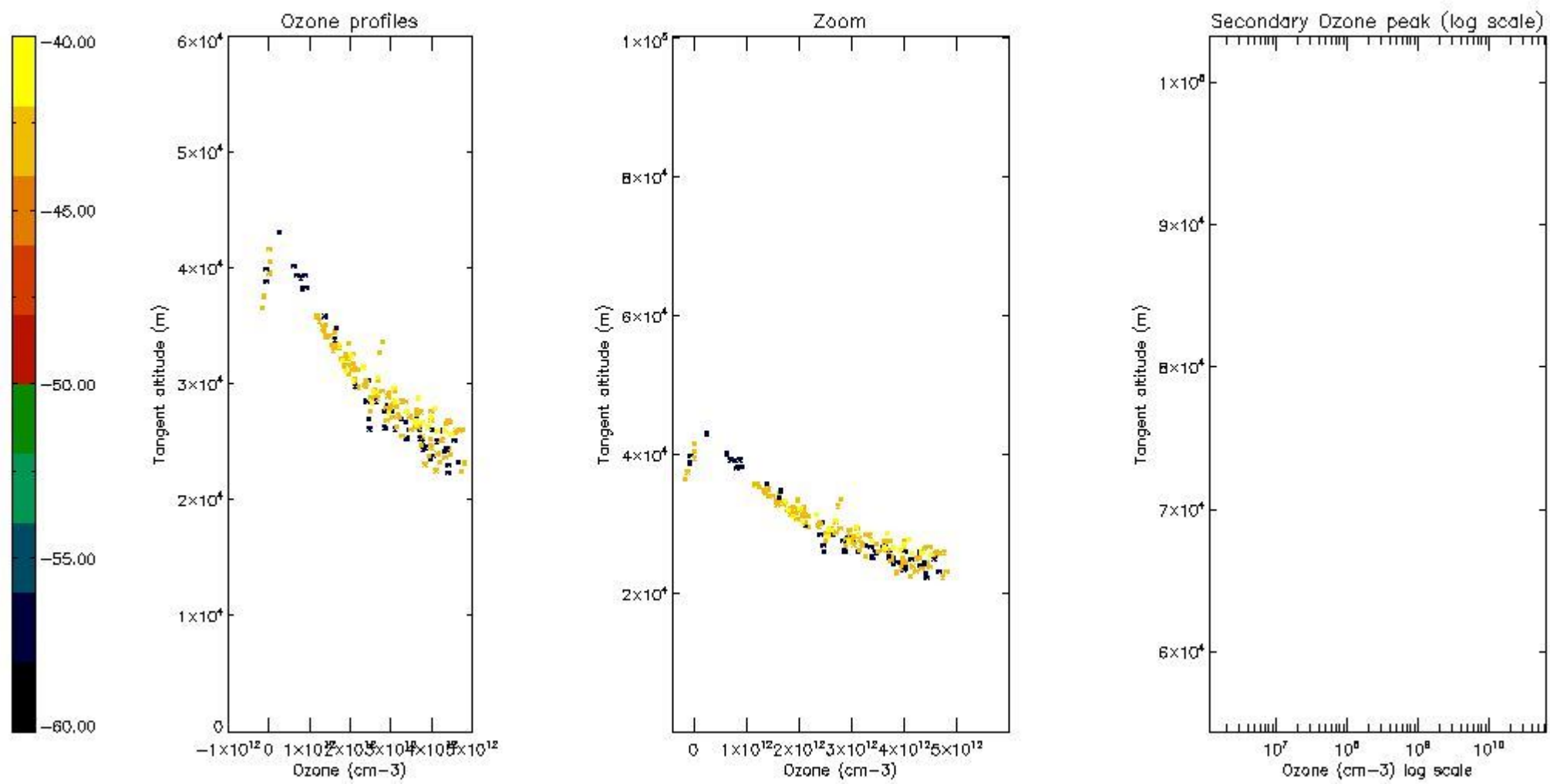
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



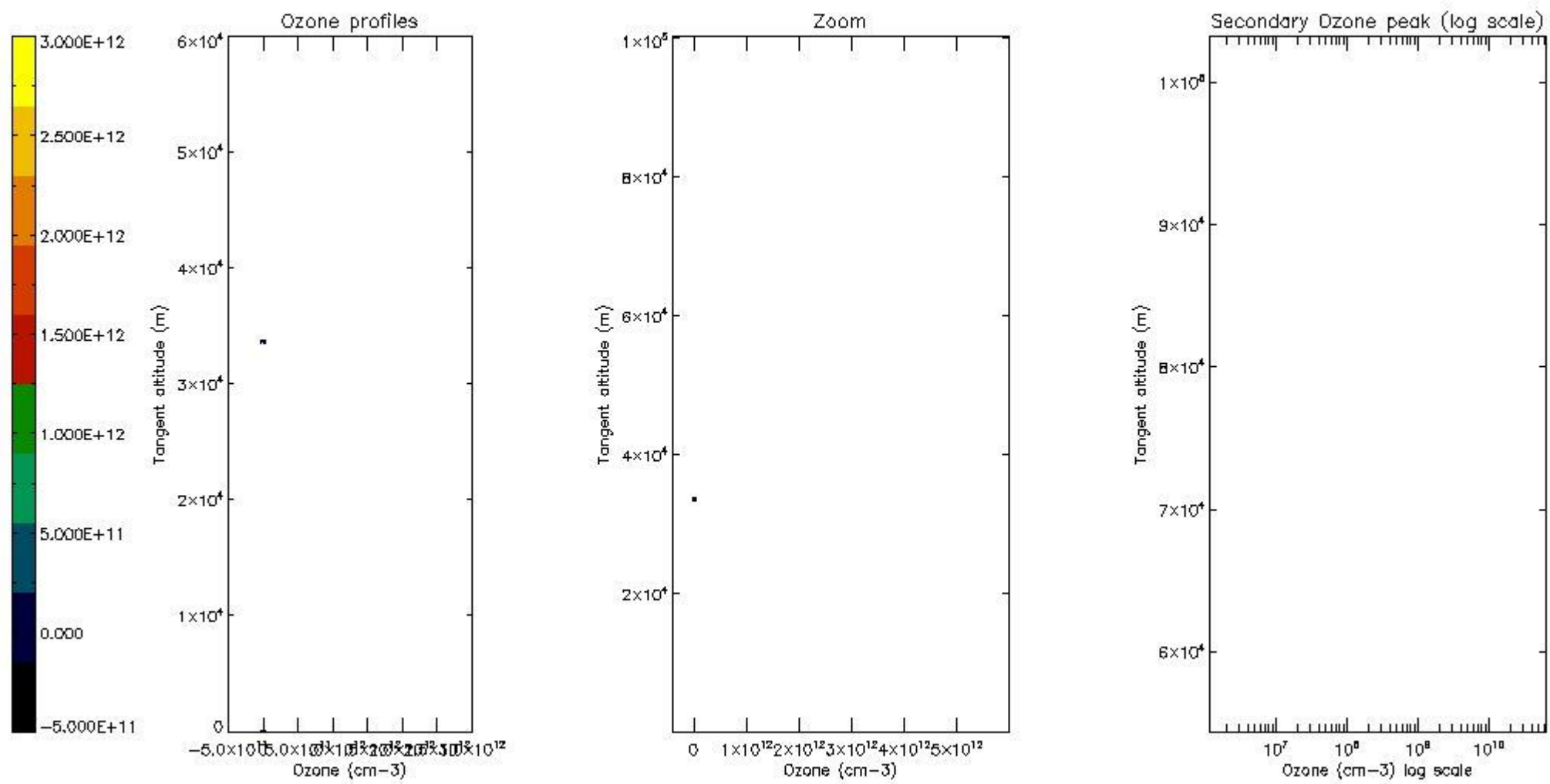
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



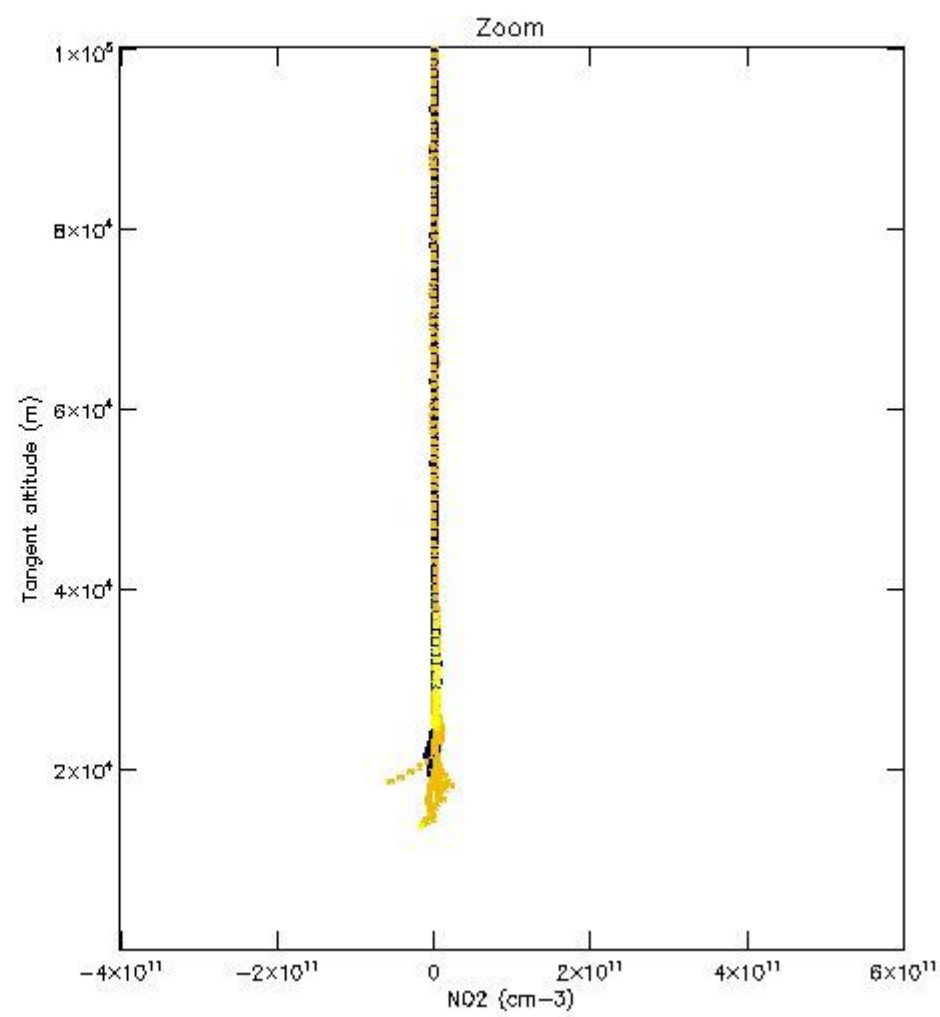
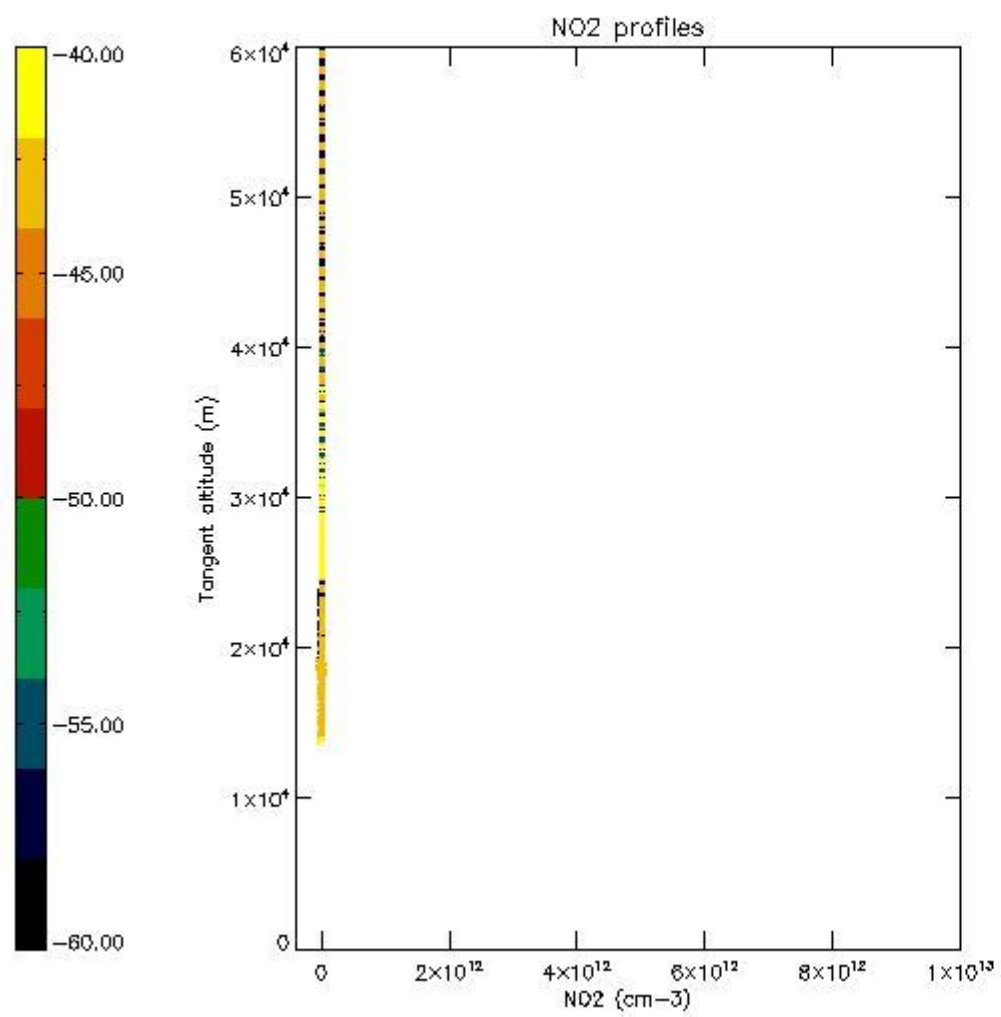
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



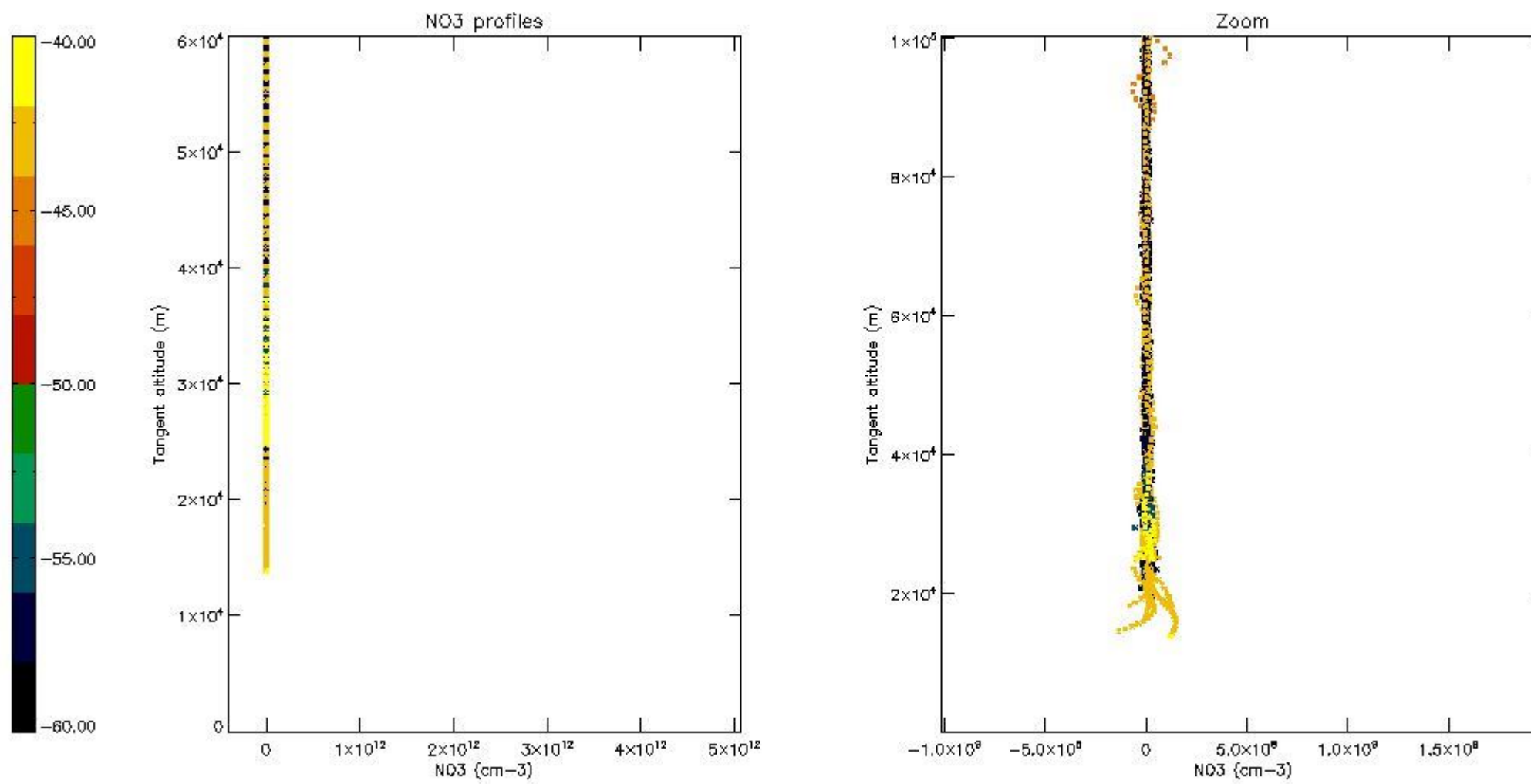
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



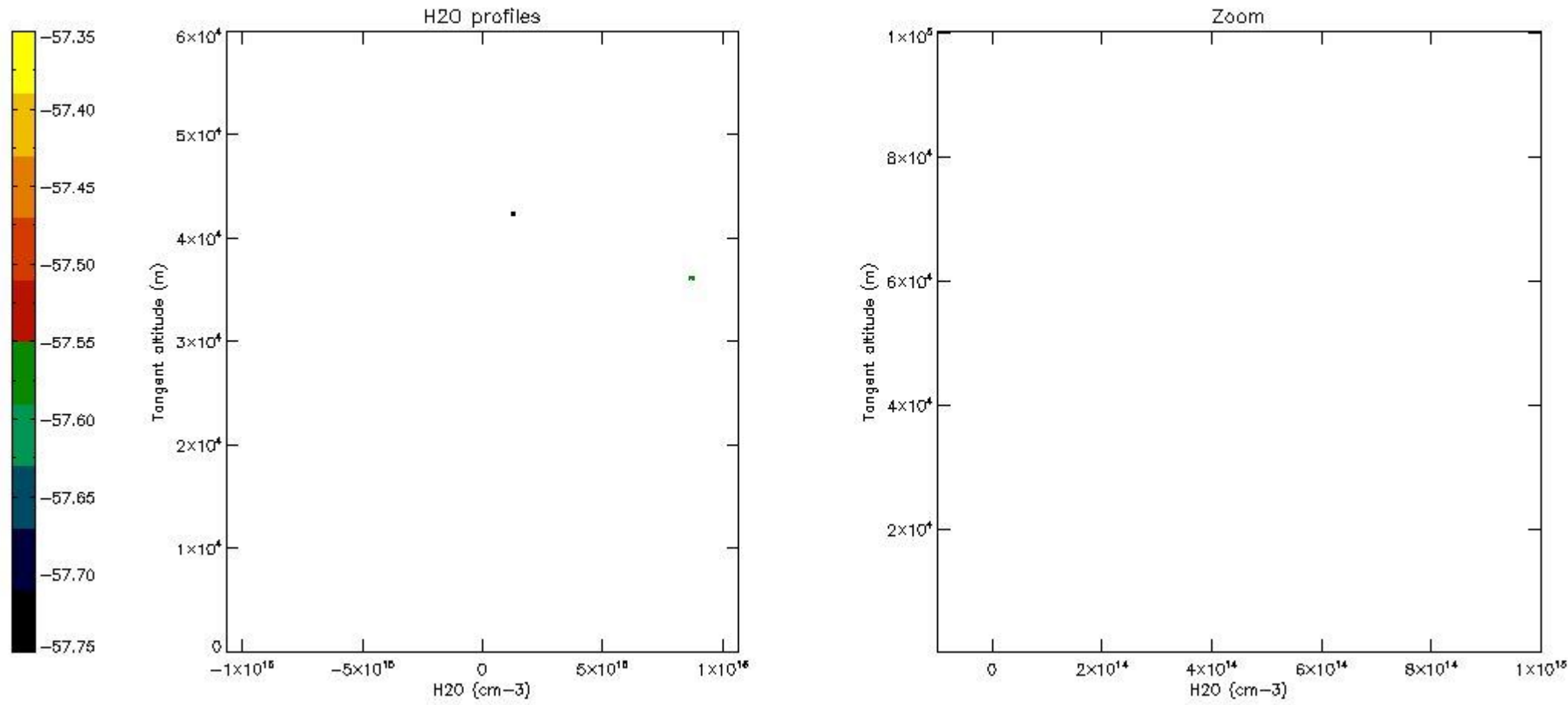
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

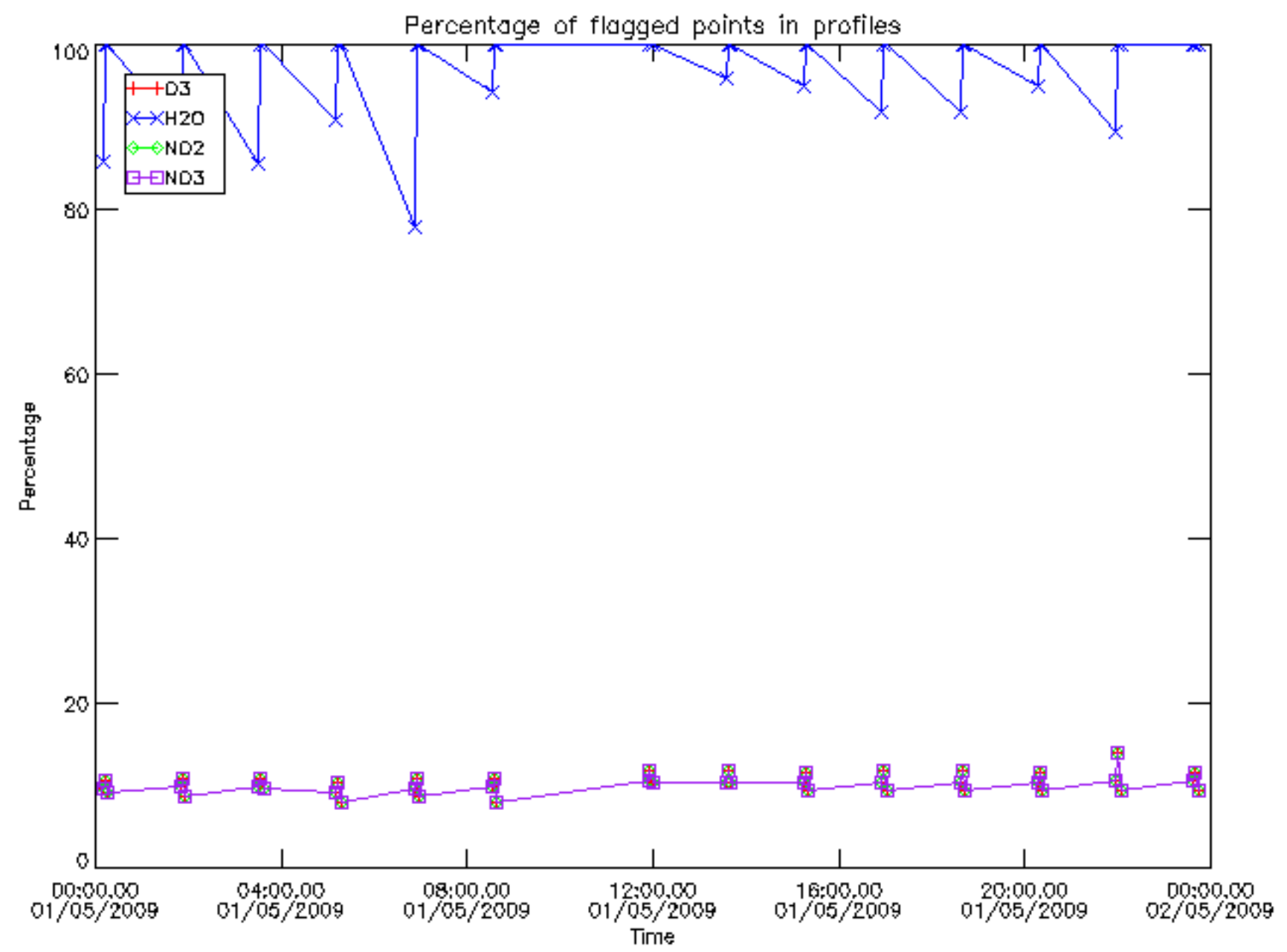
The colorbar represents the latitude.



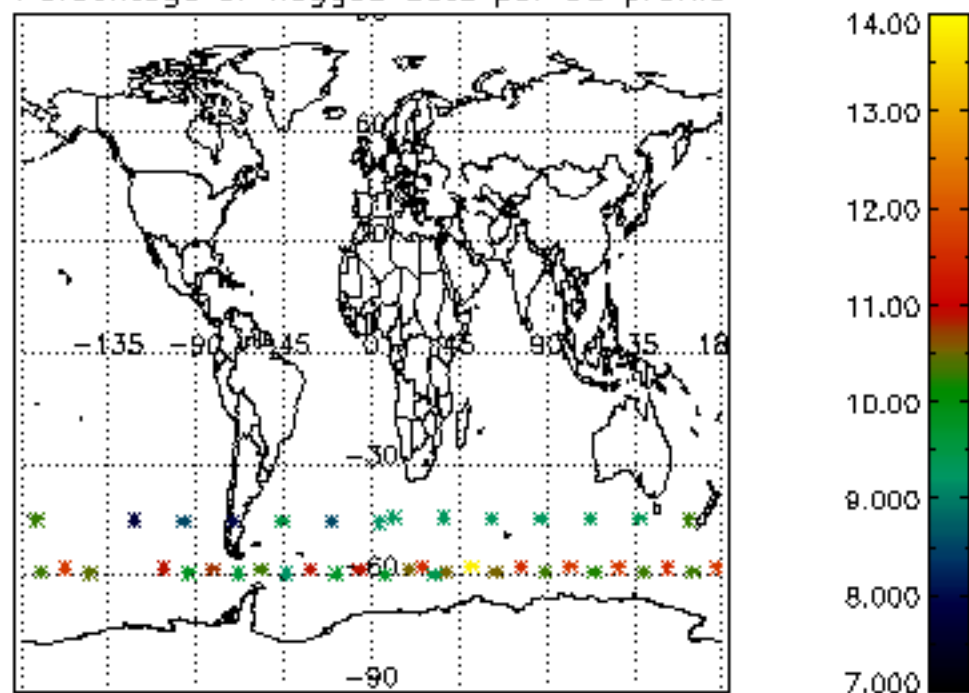
6. Auxiliary Data Files used for the production reported in section 2

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

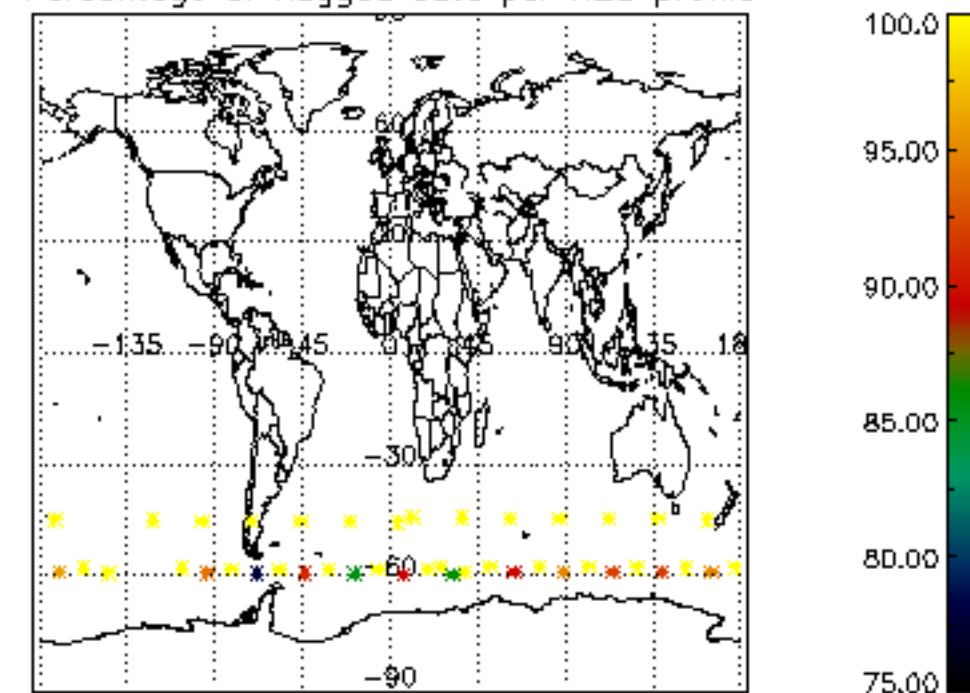
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-MAY-2009 00:00:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-MAY-2009 00:00:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-MAY-2009 00:00:35



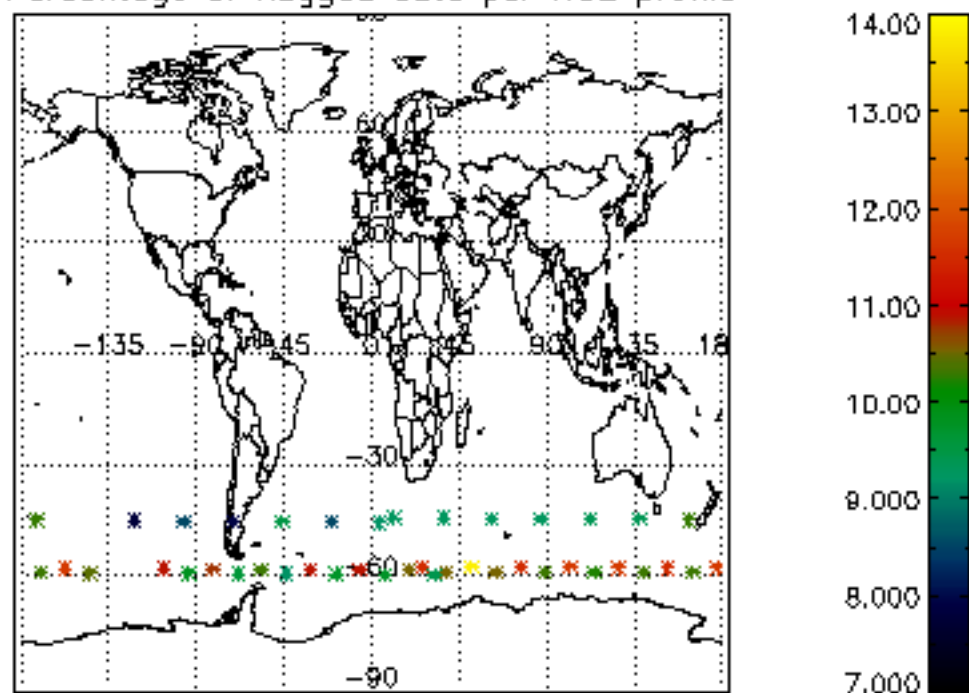
Percentage of flagged data per D3 profile



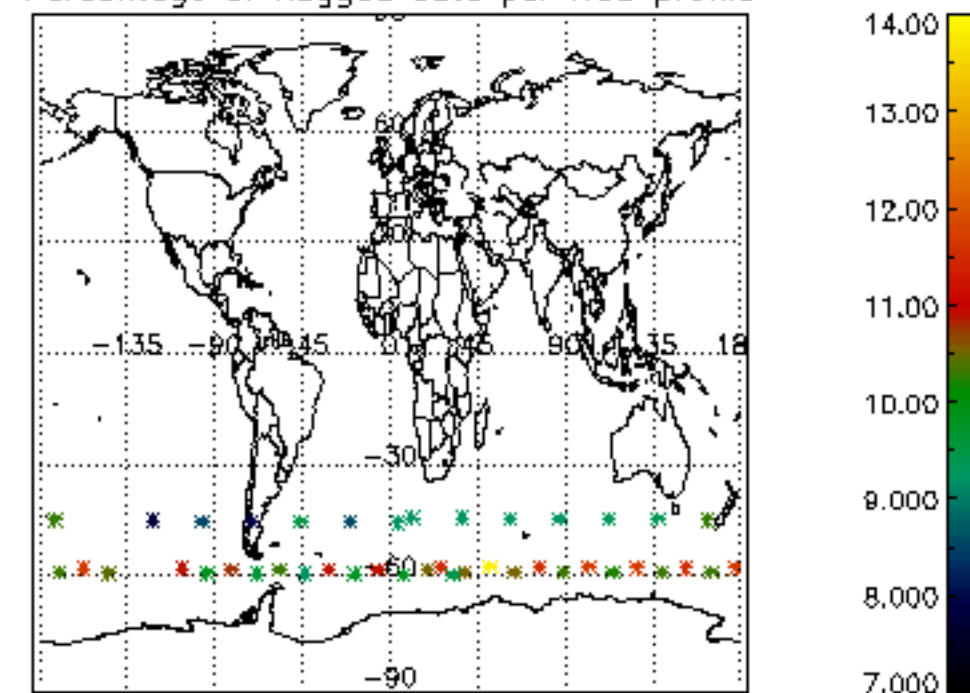
Percentage of flagged data per H2O profile

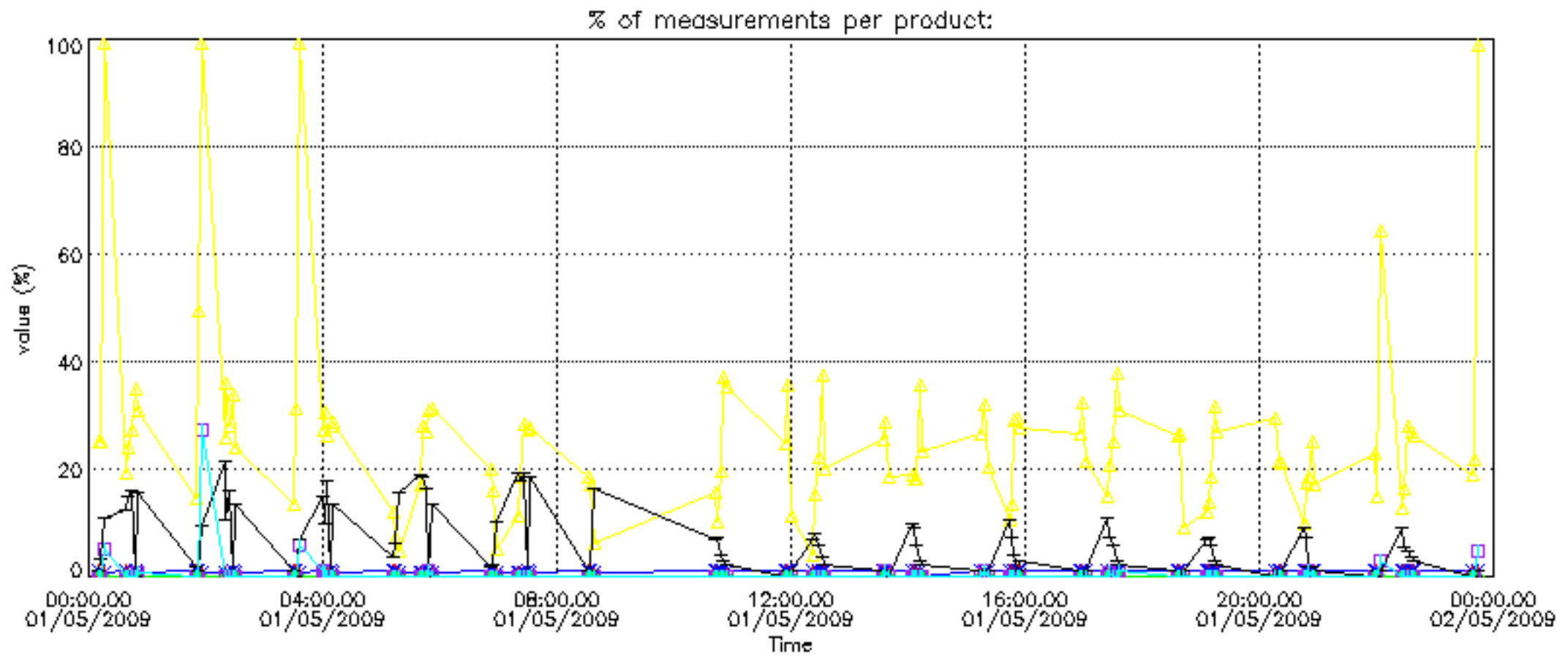


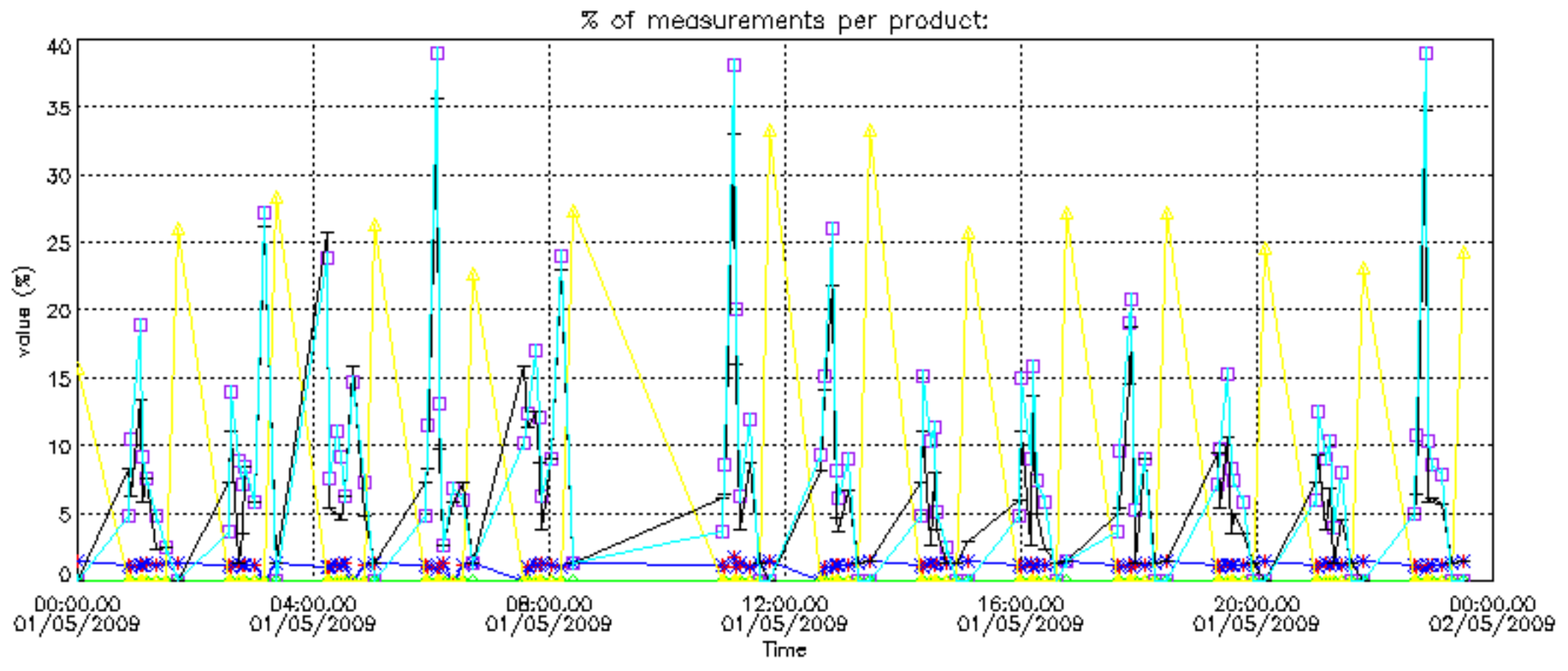
Percentage of flagged data per NO2 profile



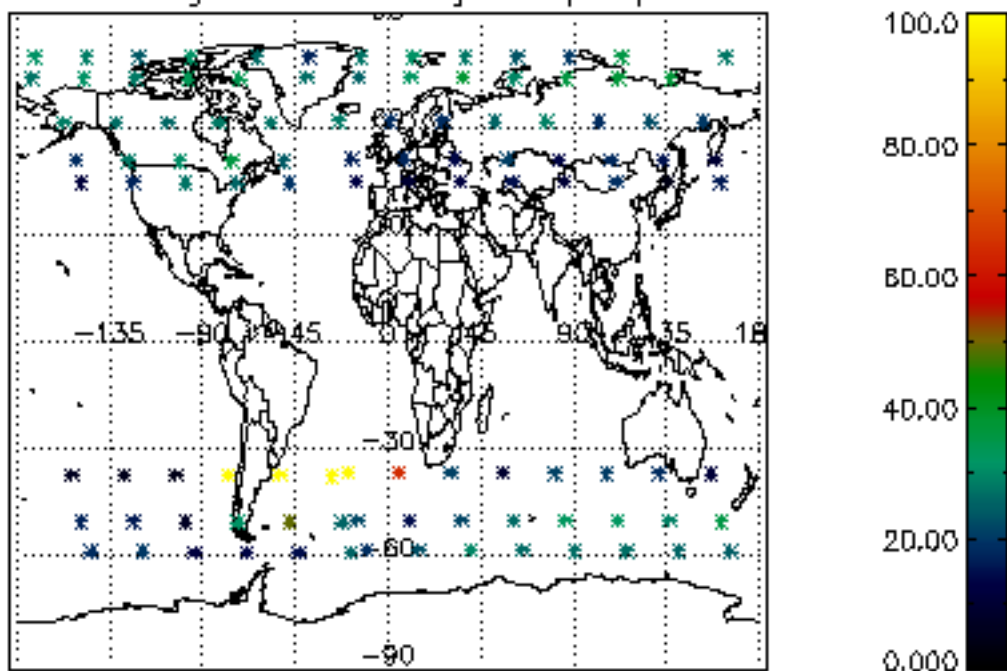
Percentage of flagged data per NO3 profile



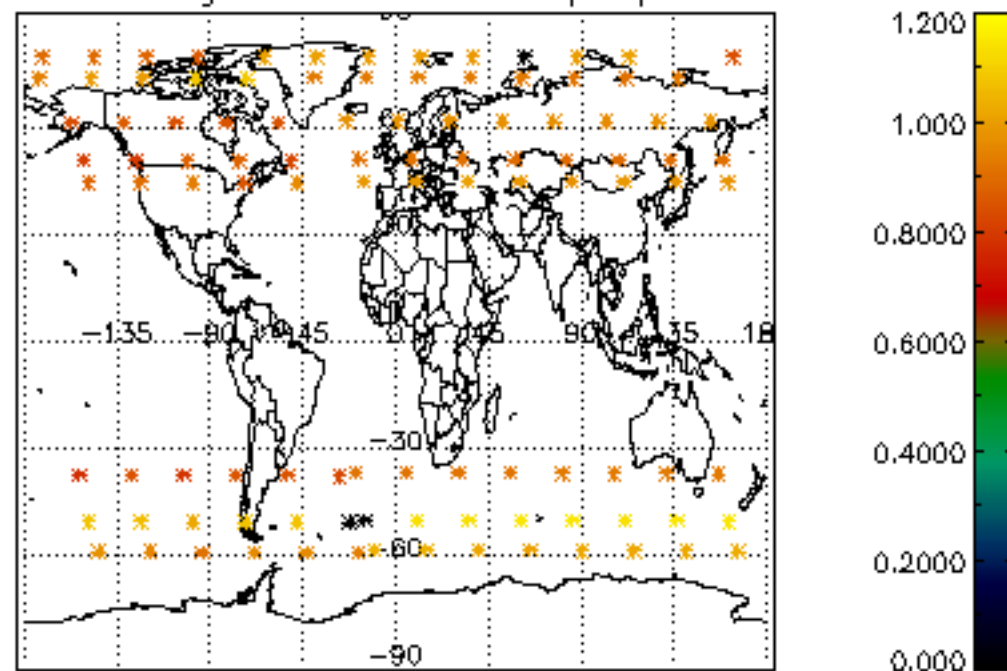




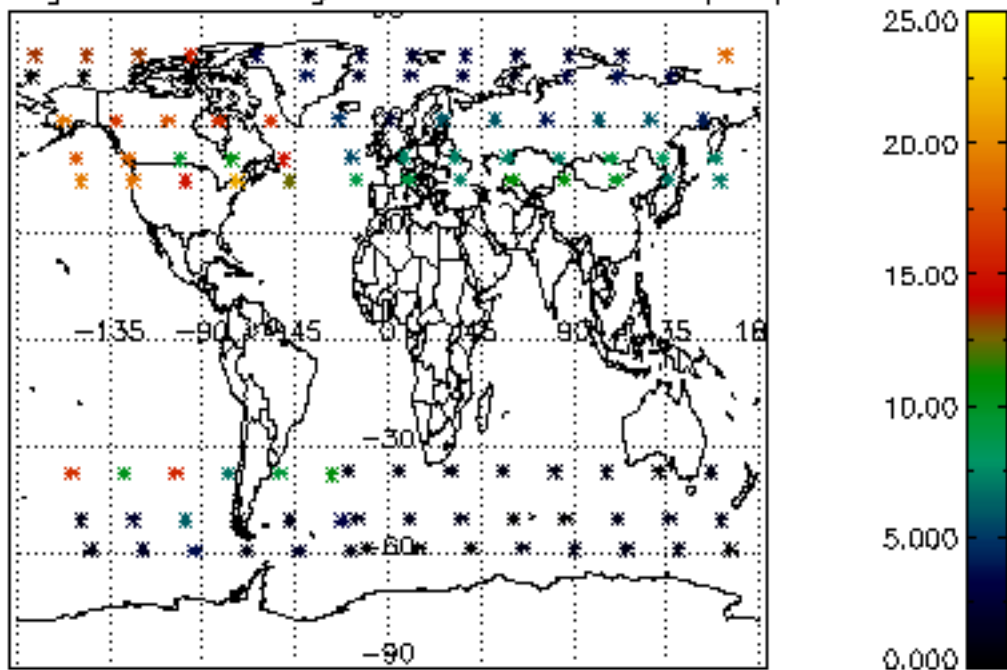
Percentage of cosmic ray hits per profile



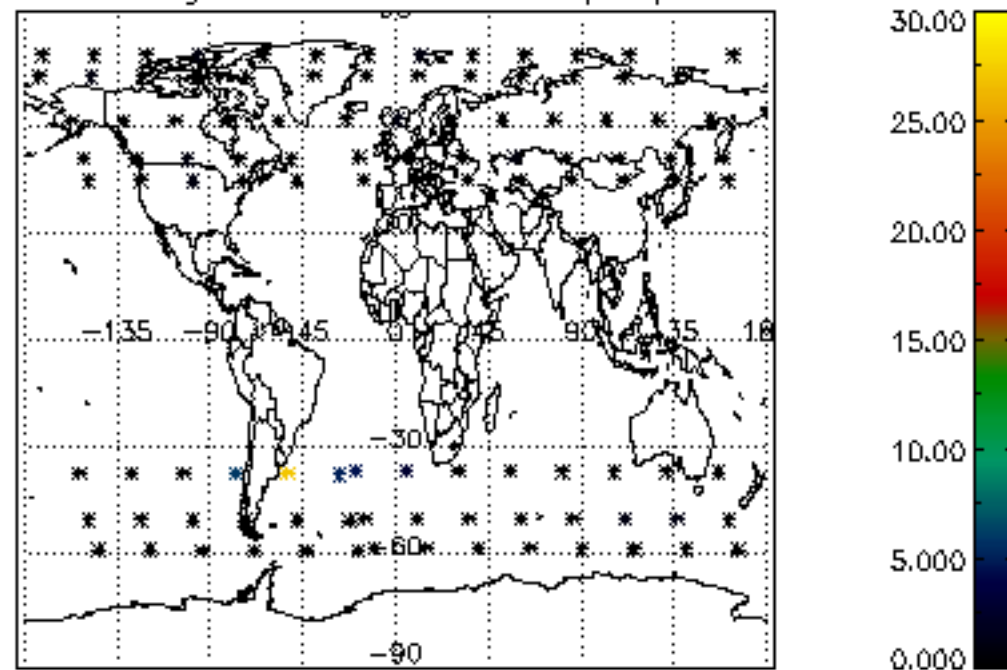
Percentage of datation errors per profile



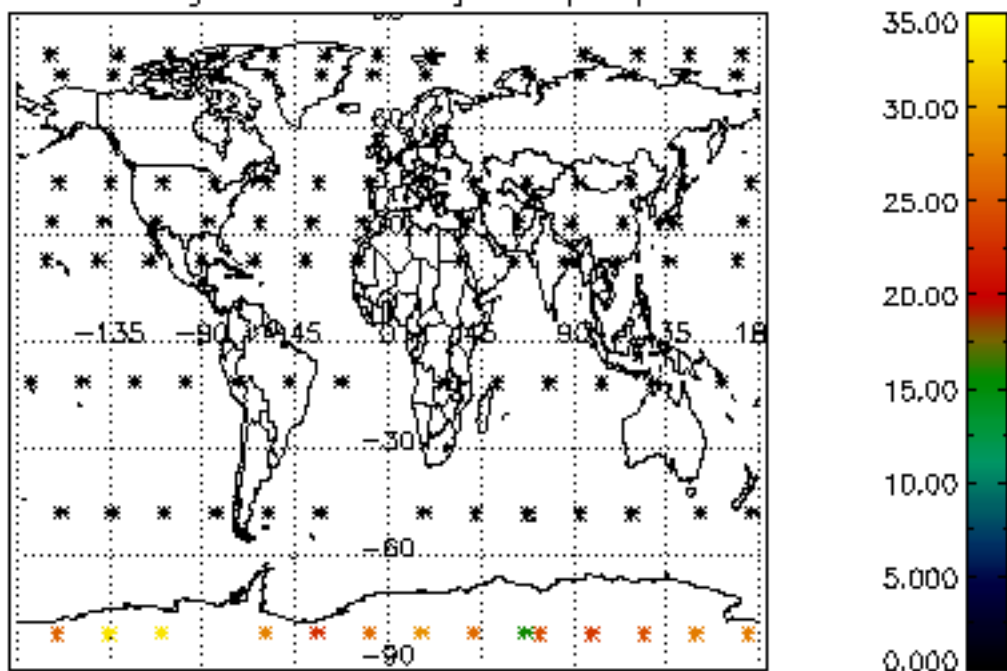
Percentage of star falling outside central band per profile



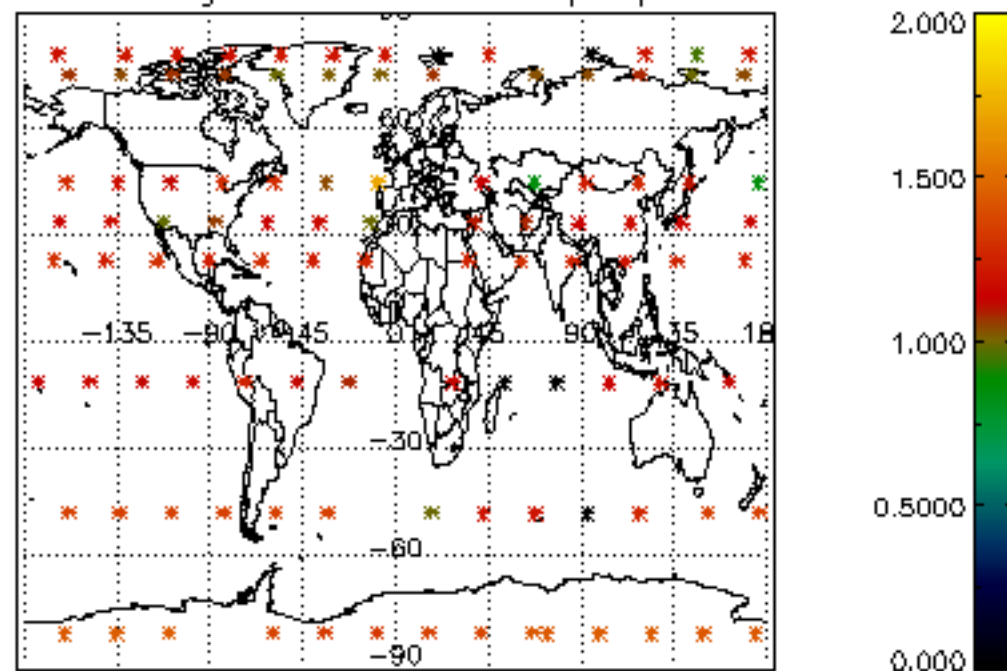
Percentage of saturation errors per profile



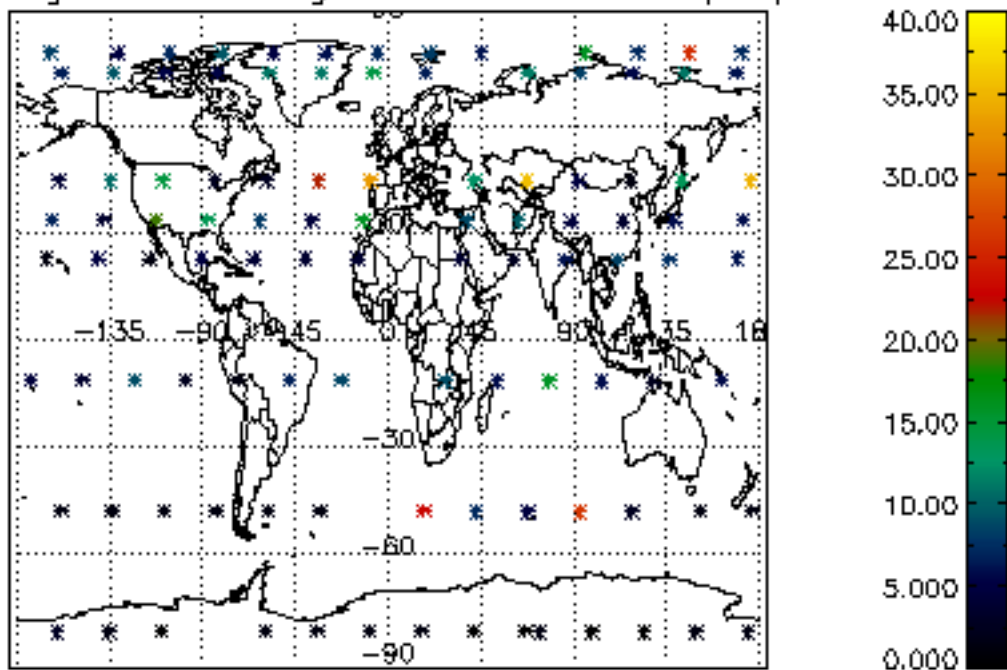
Percentage of cosmic ray hits per profile



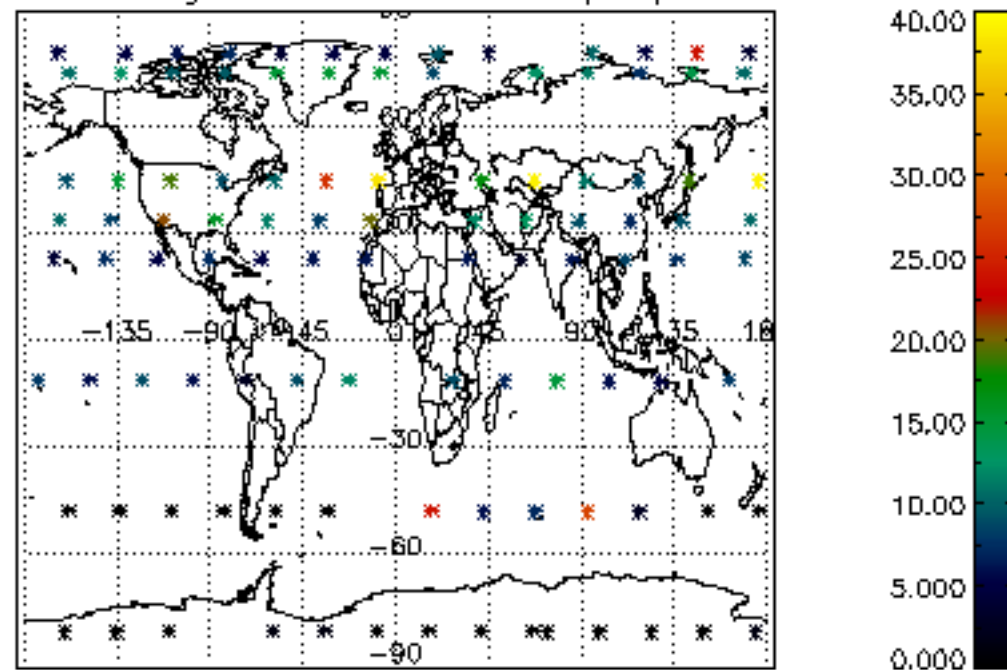
Percentage of datation errors per profile

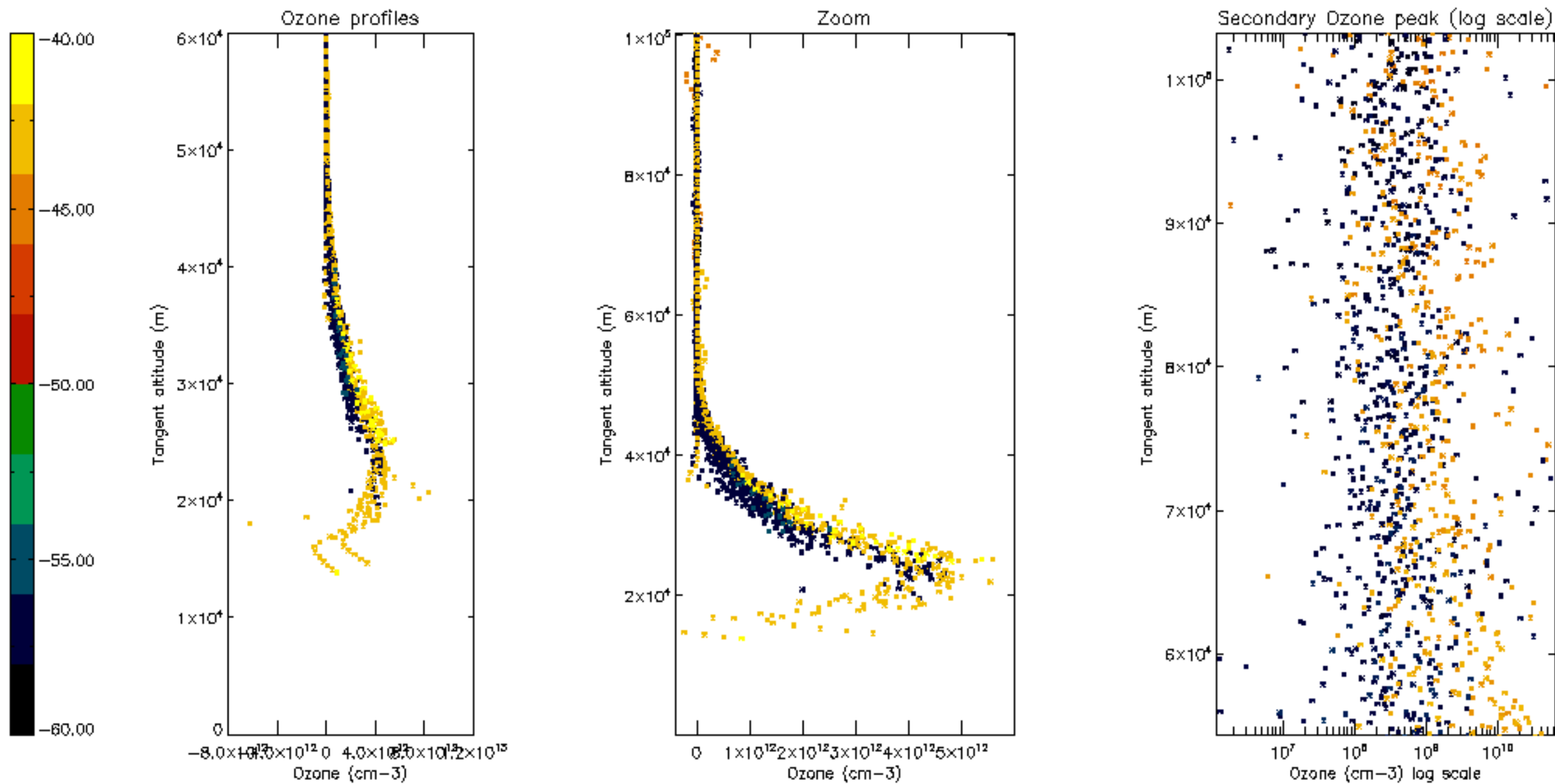


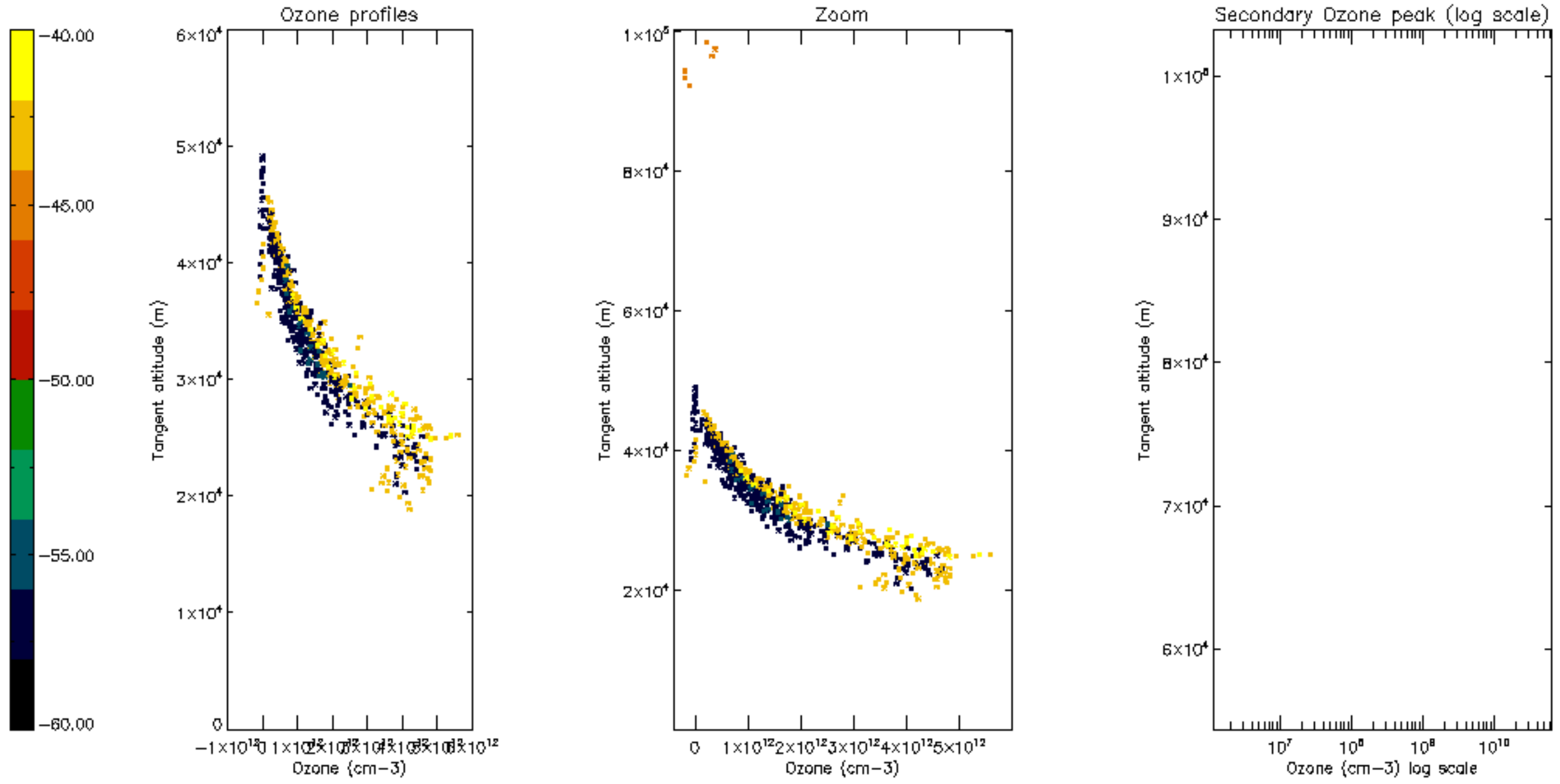
Percentage of star falling outside central band per profile

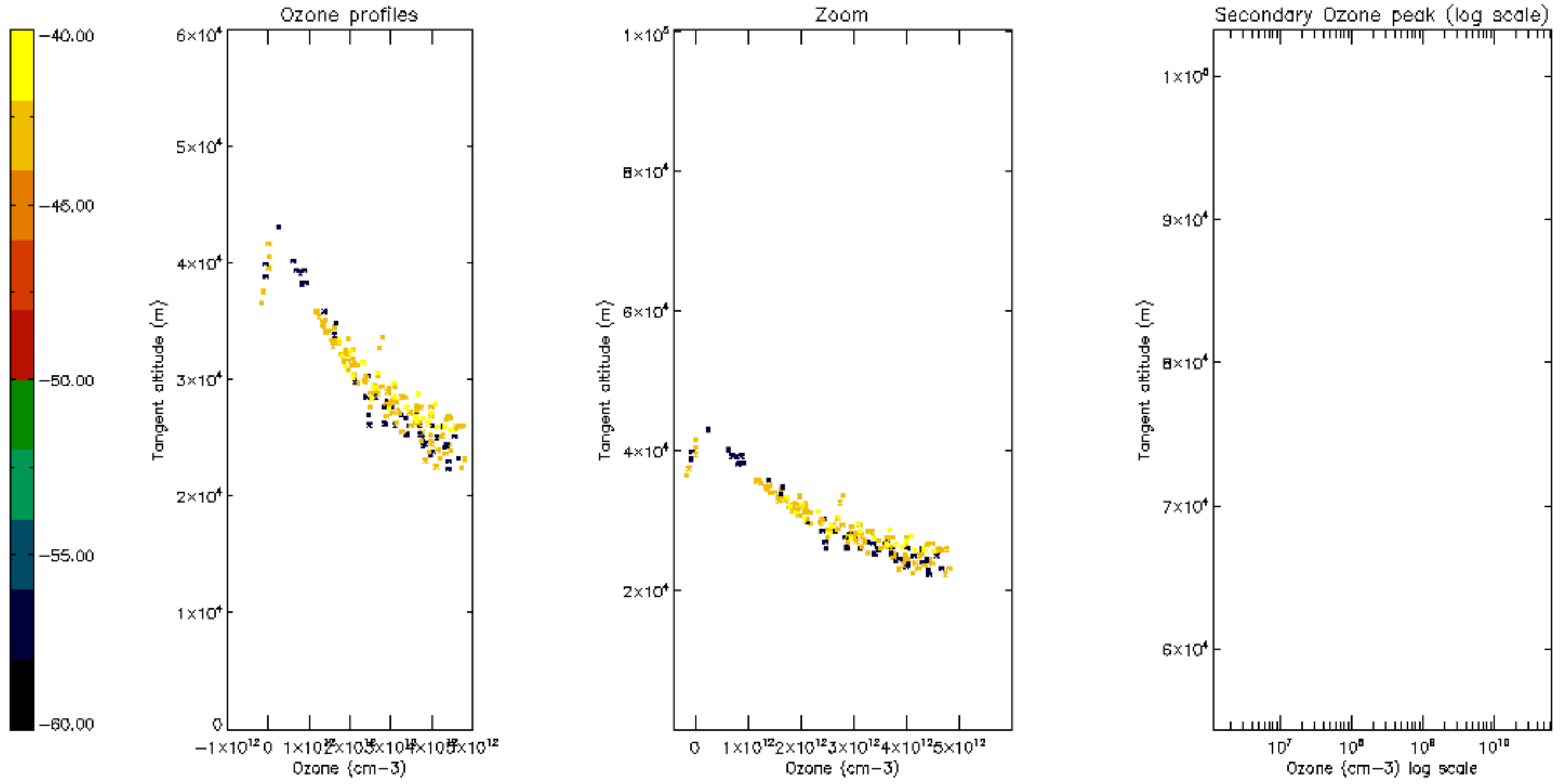


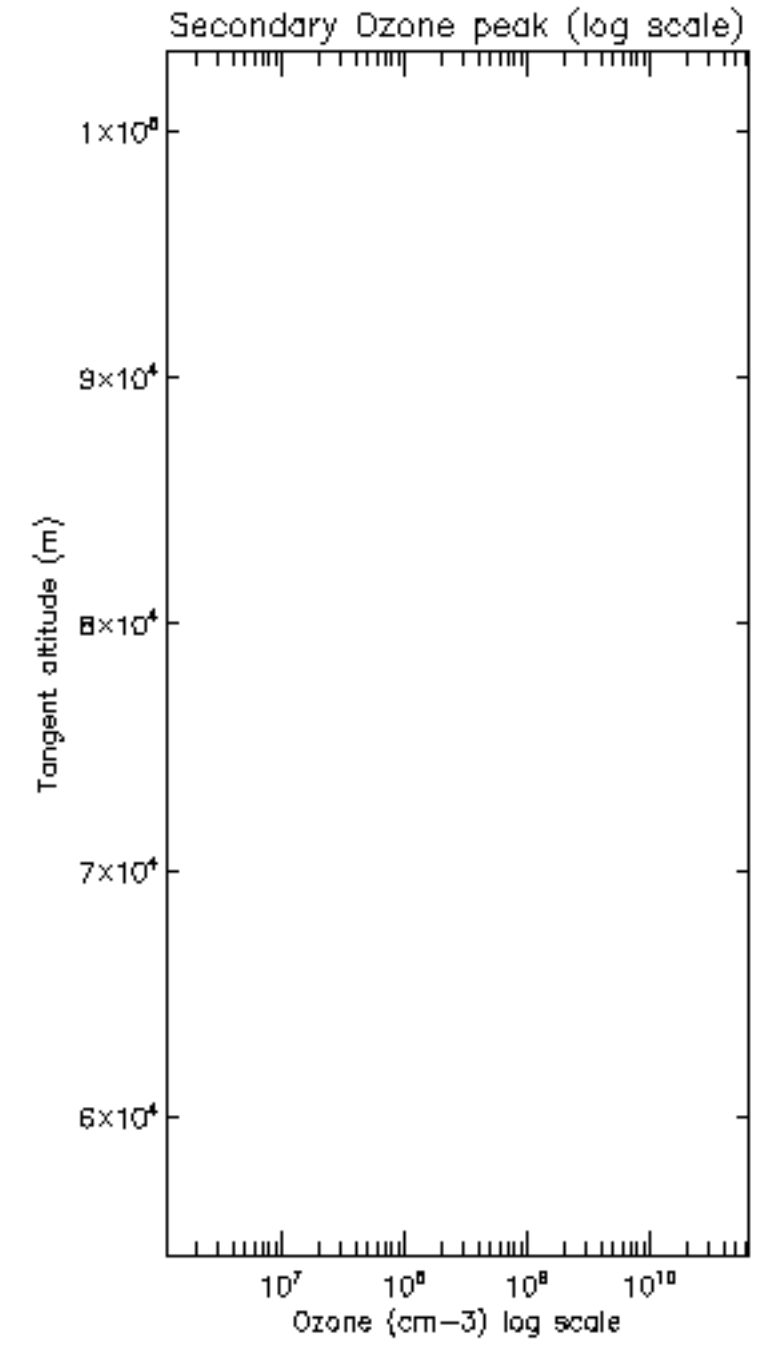
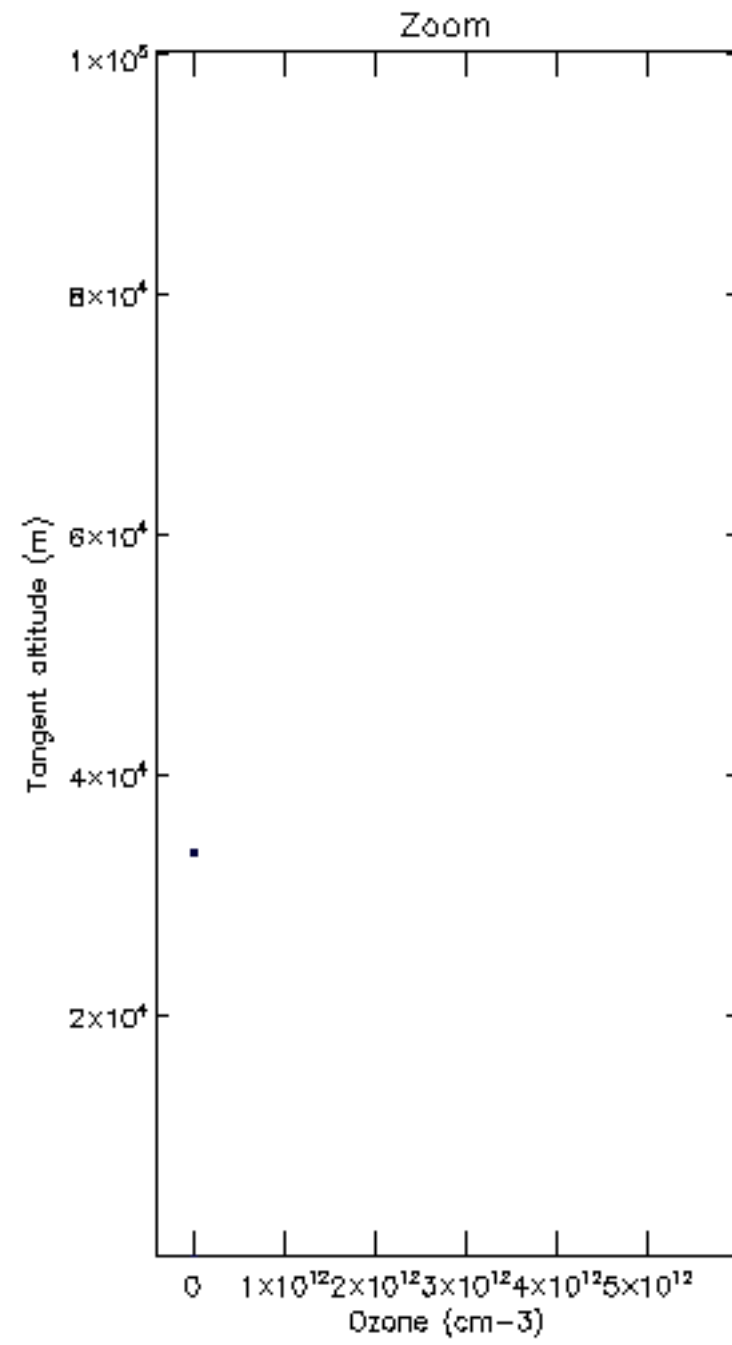
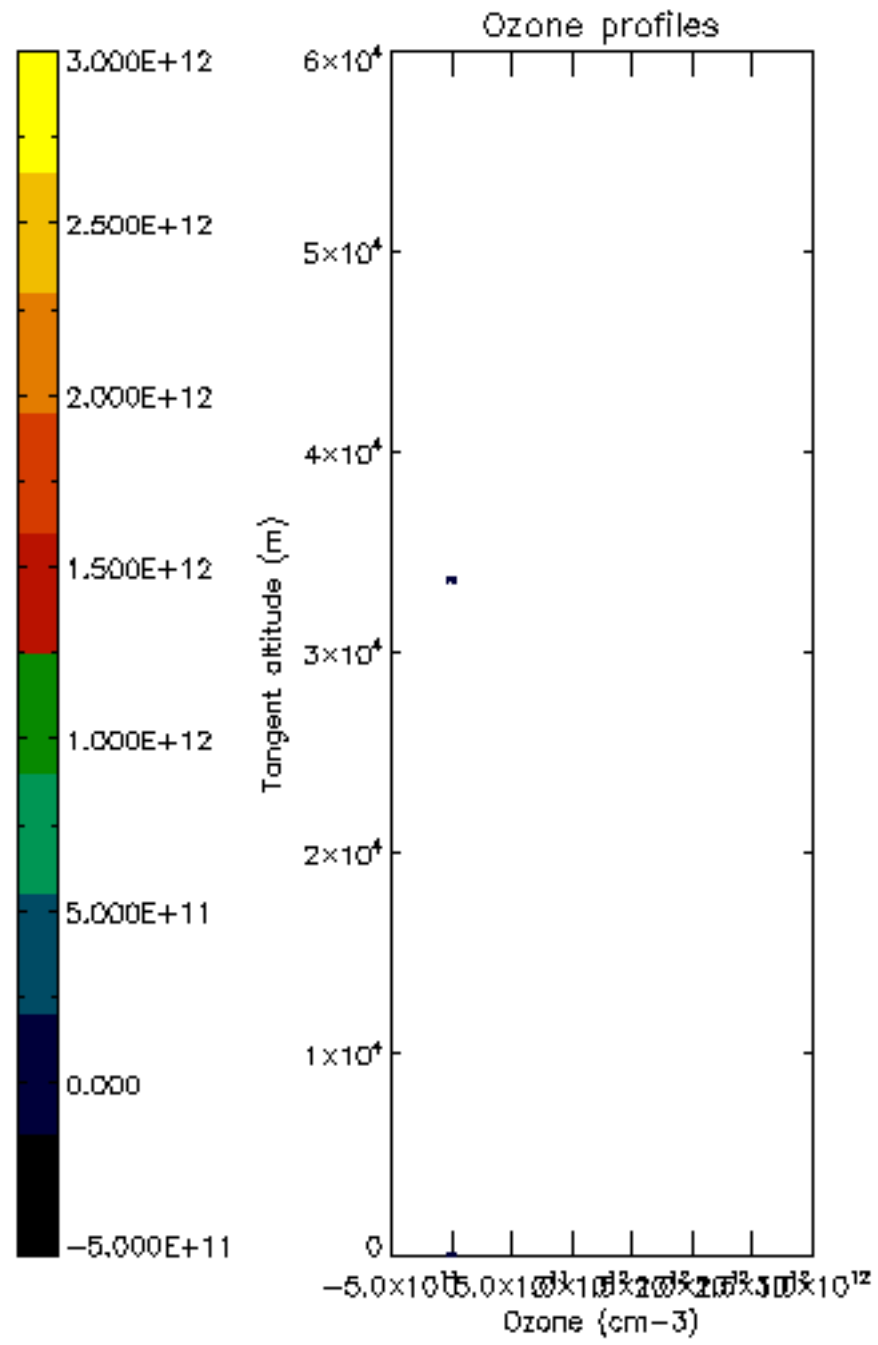
Percentage of saturation errors per profile

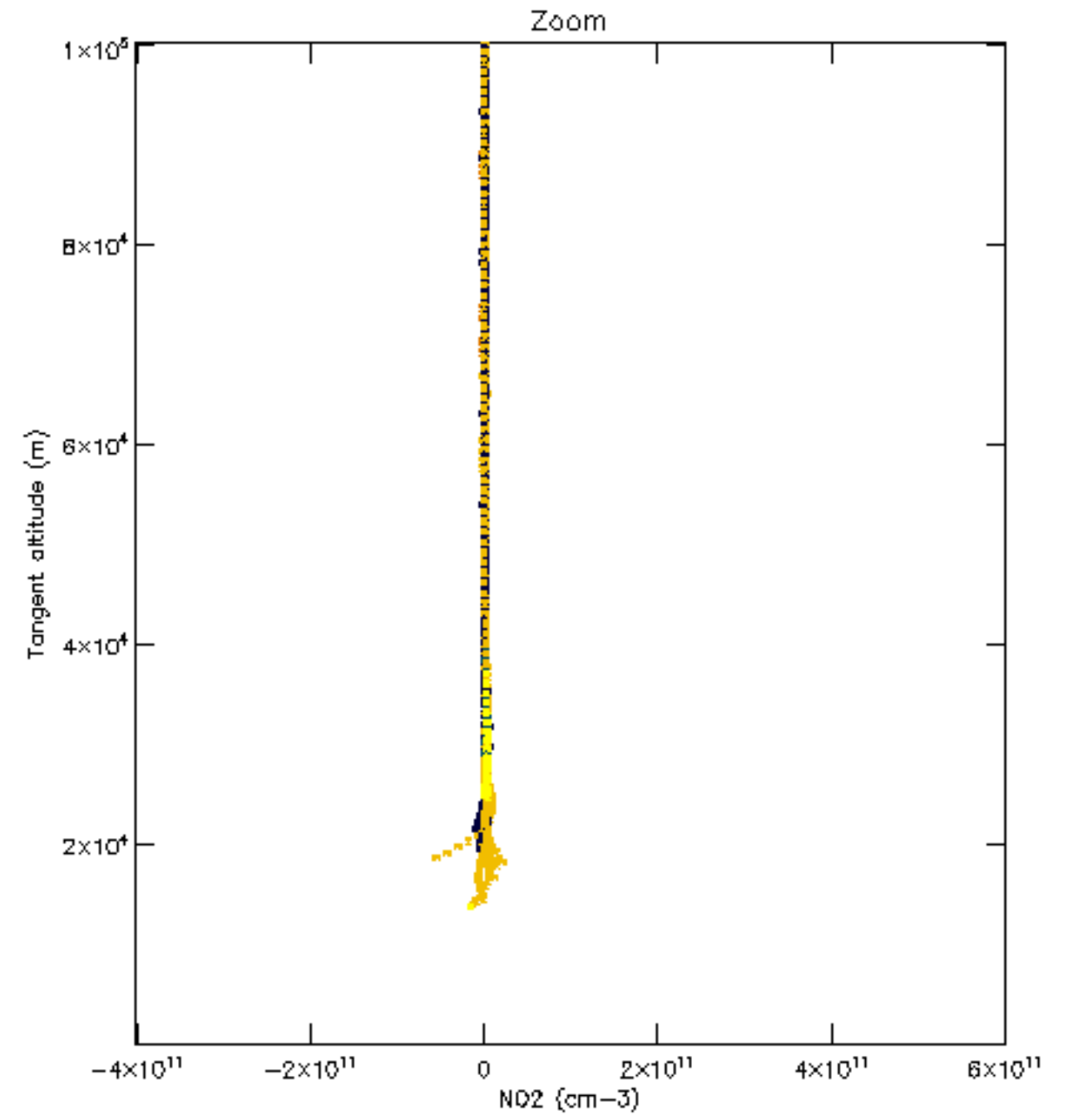
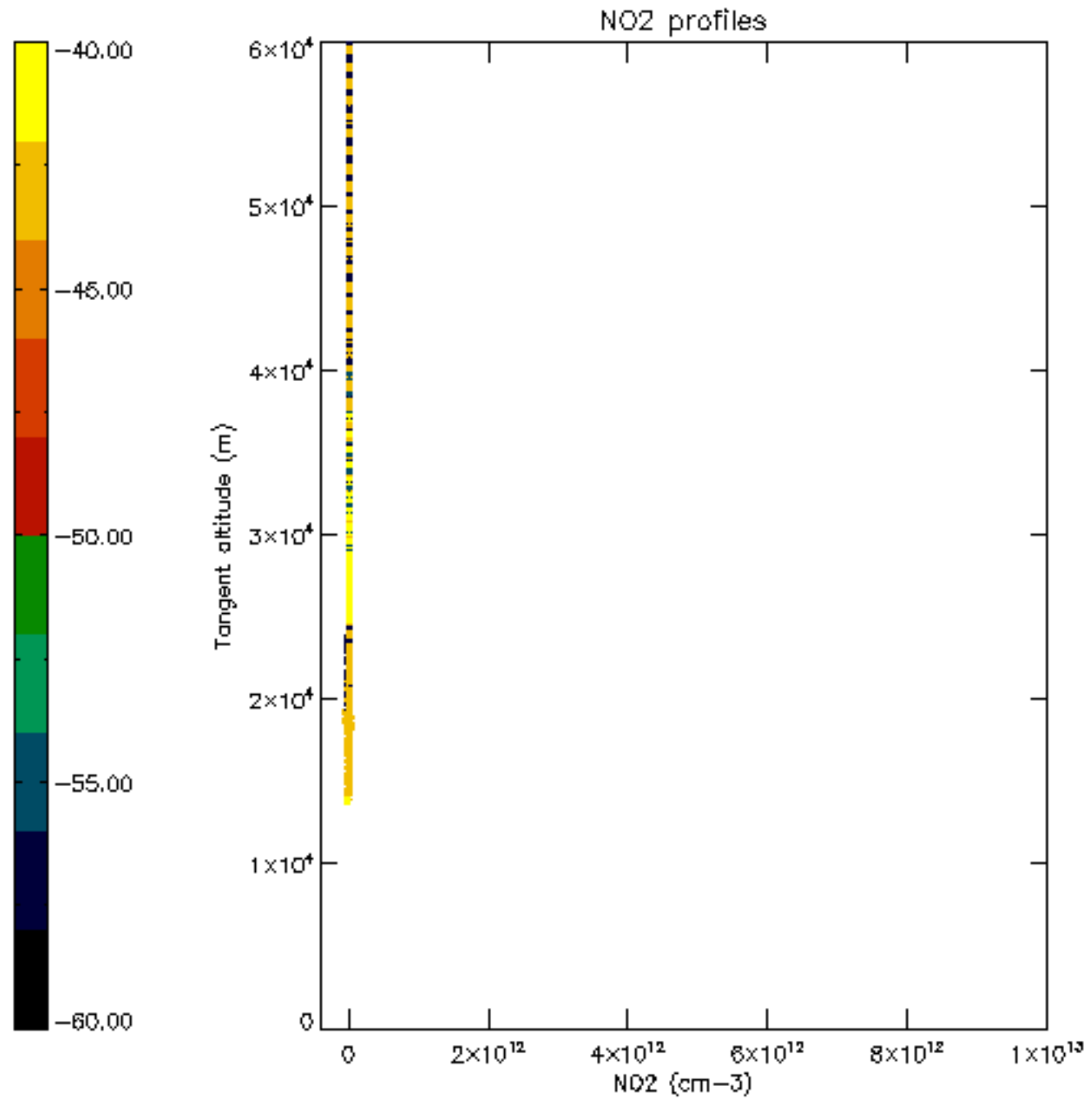


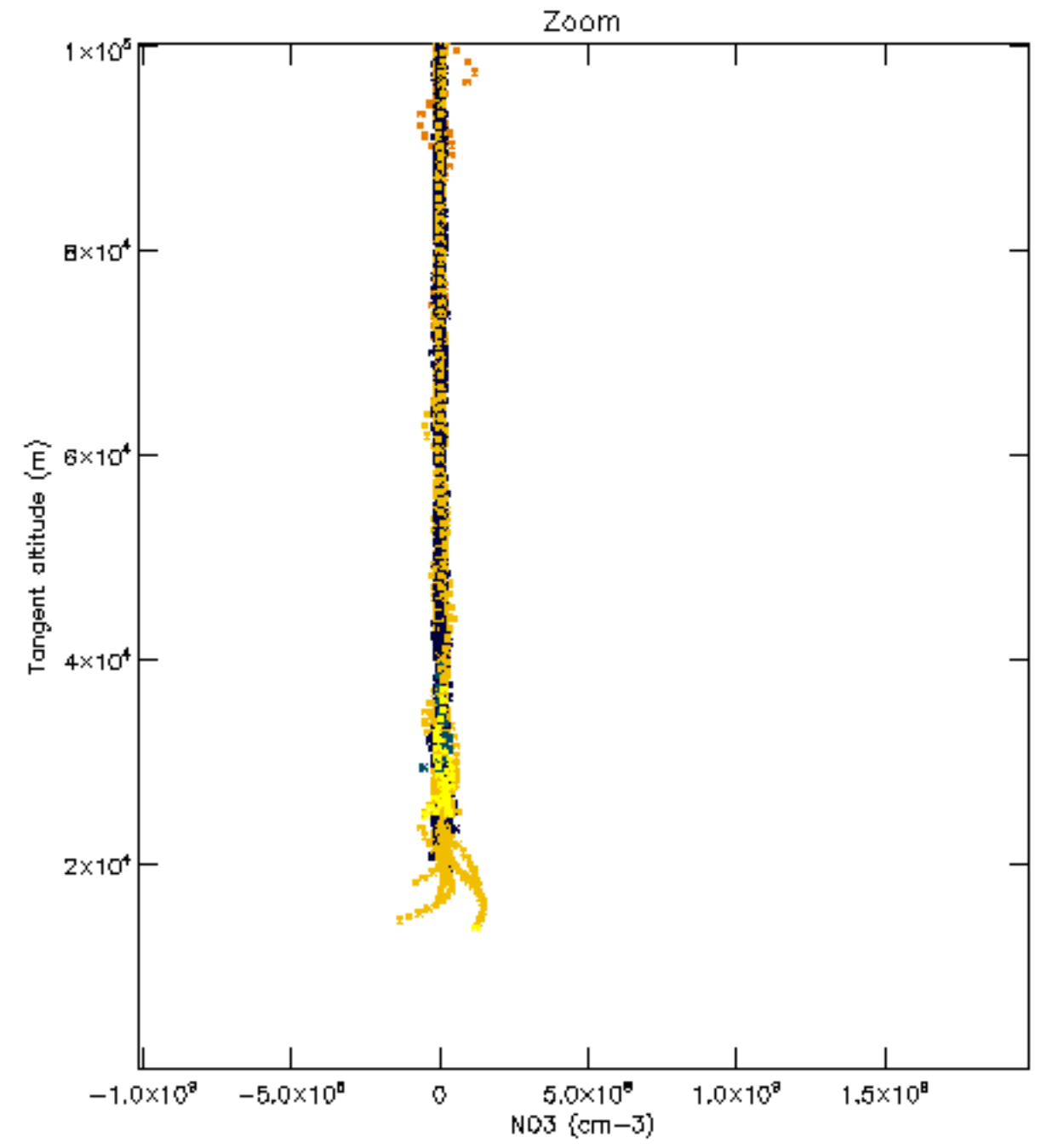
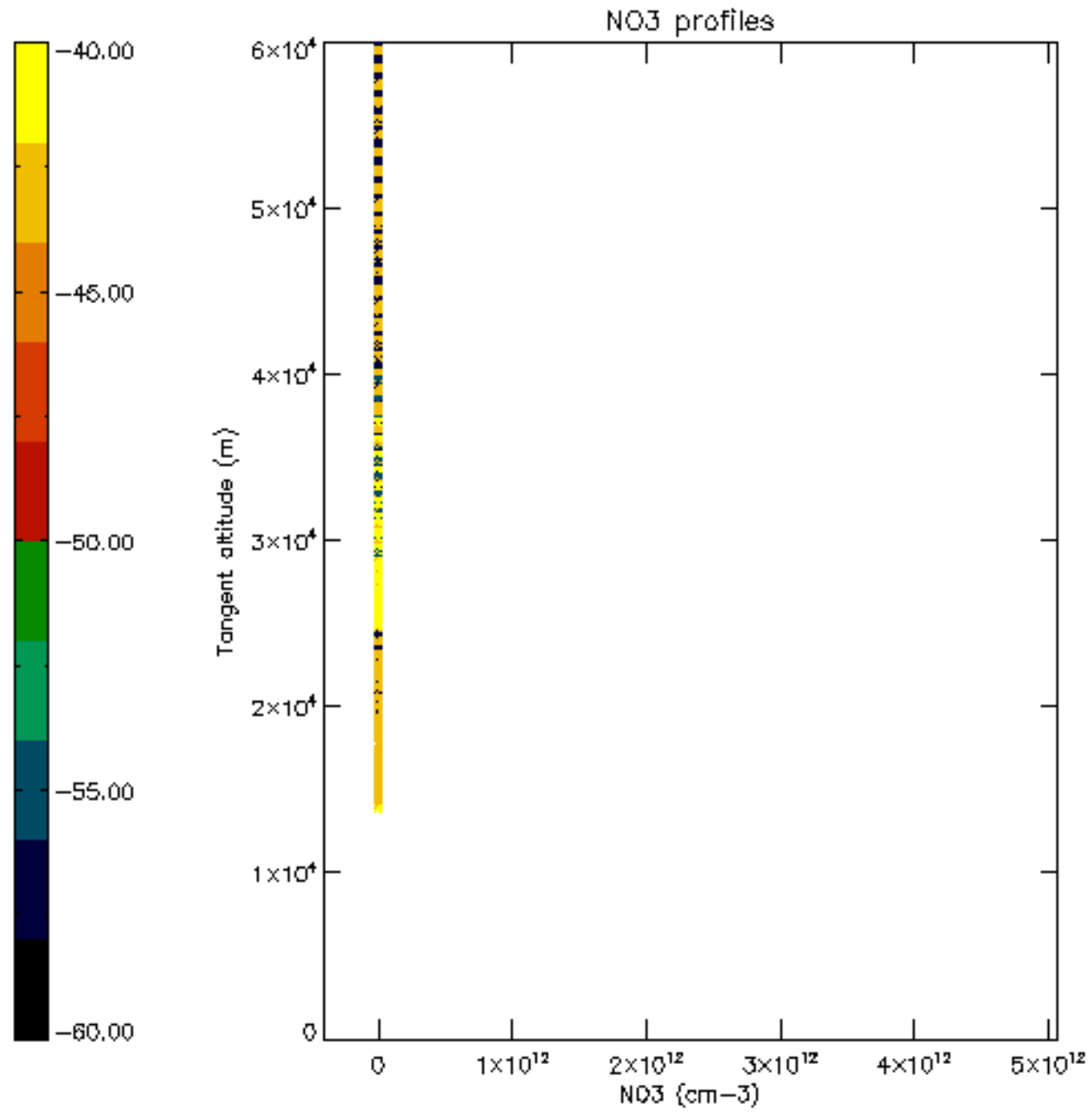


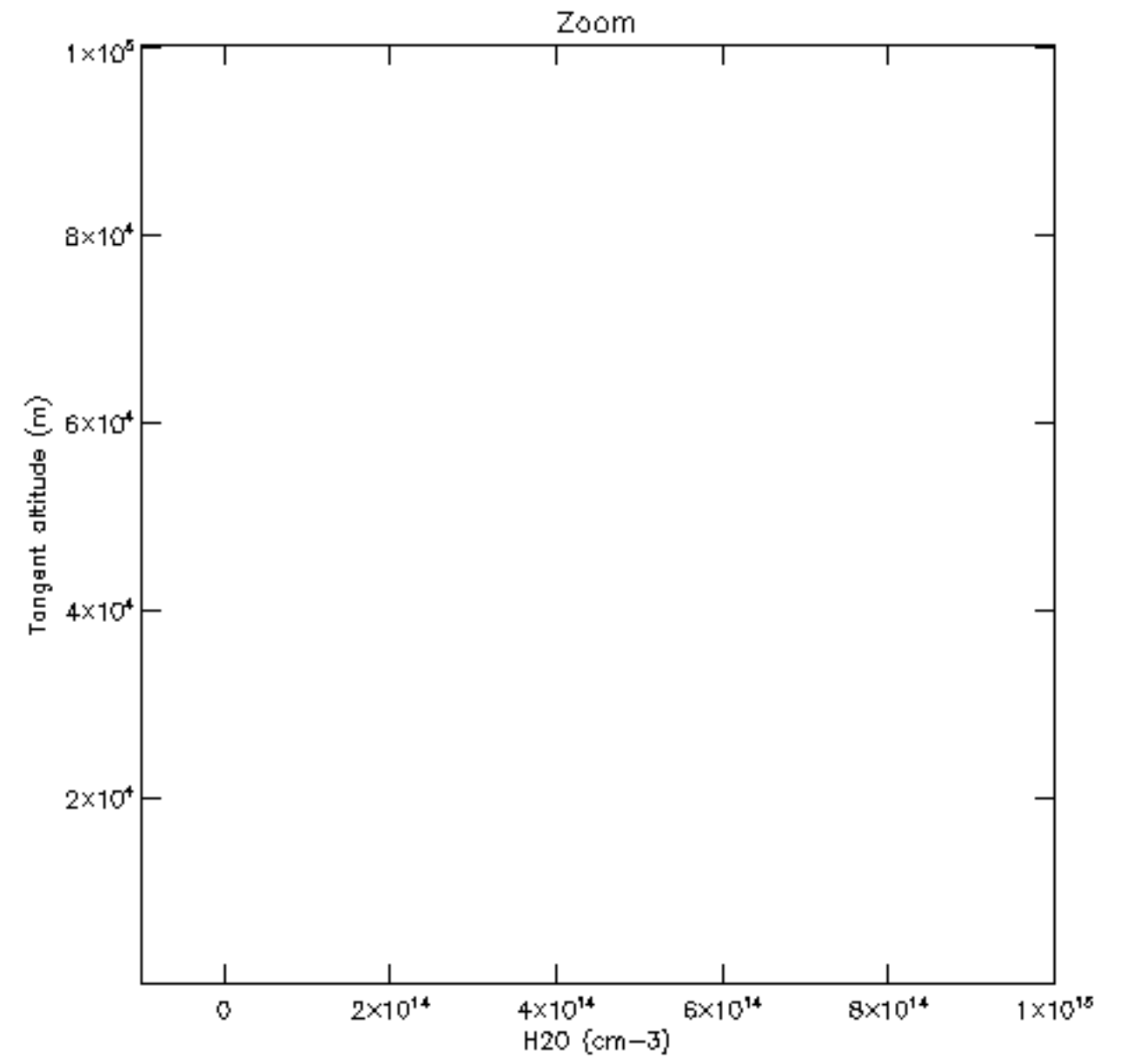
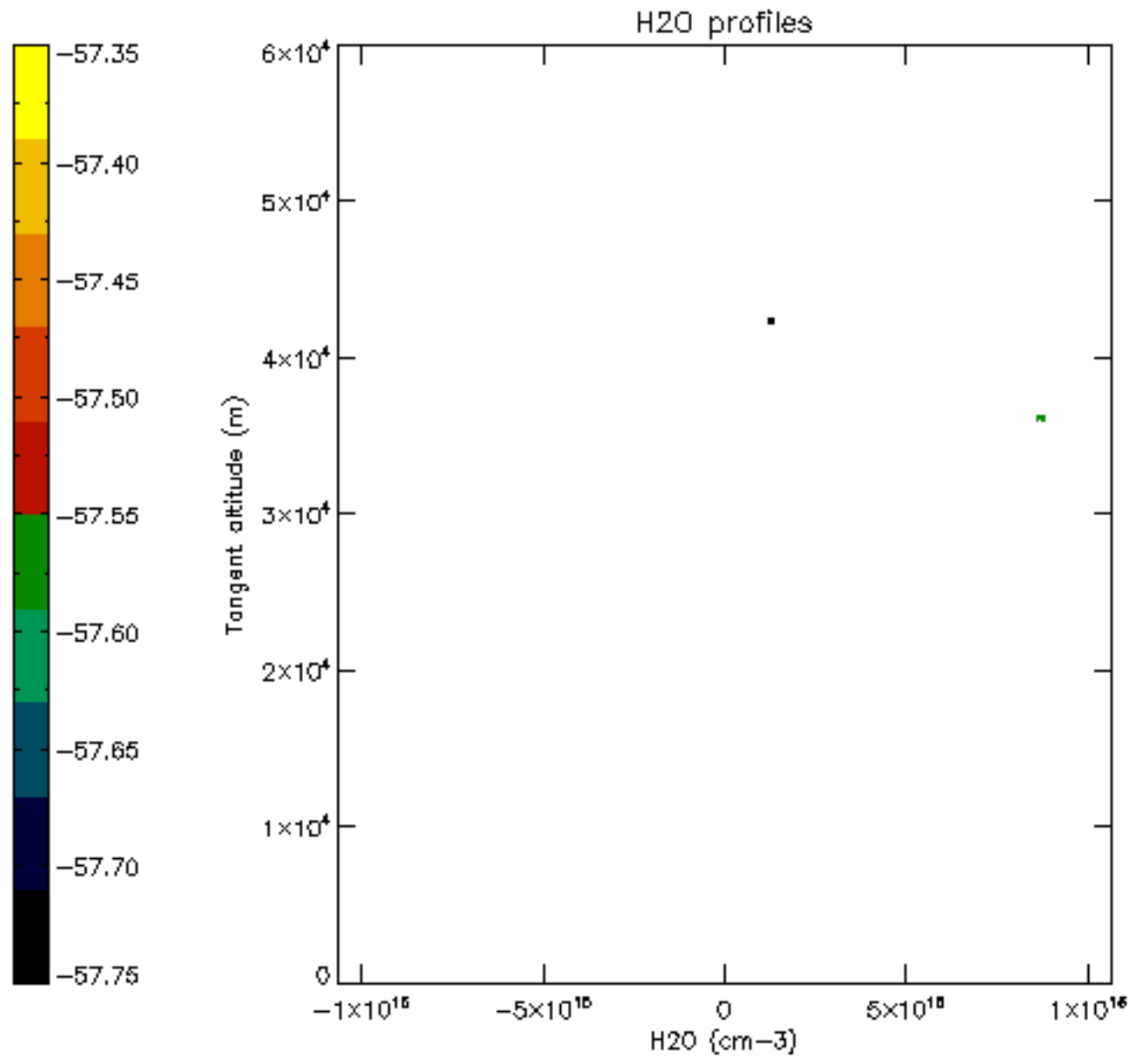


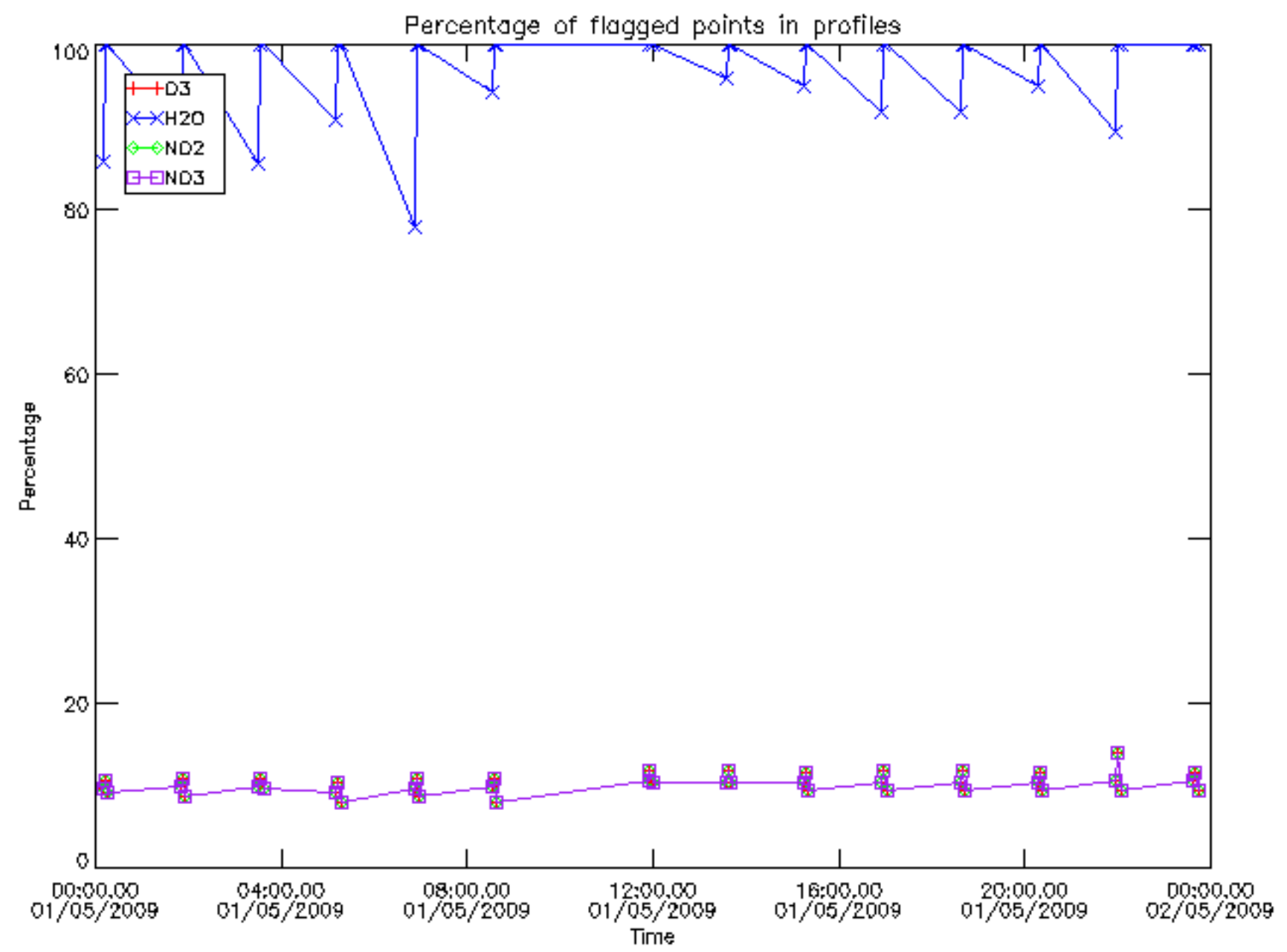




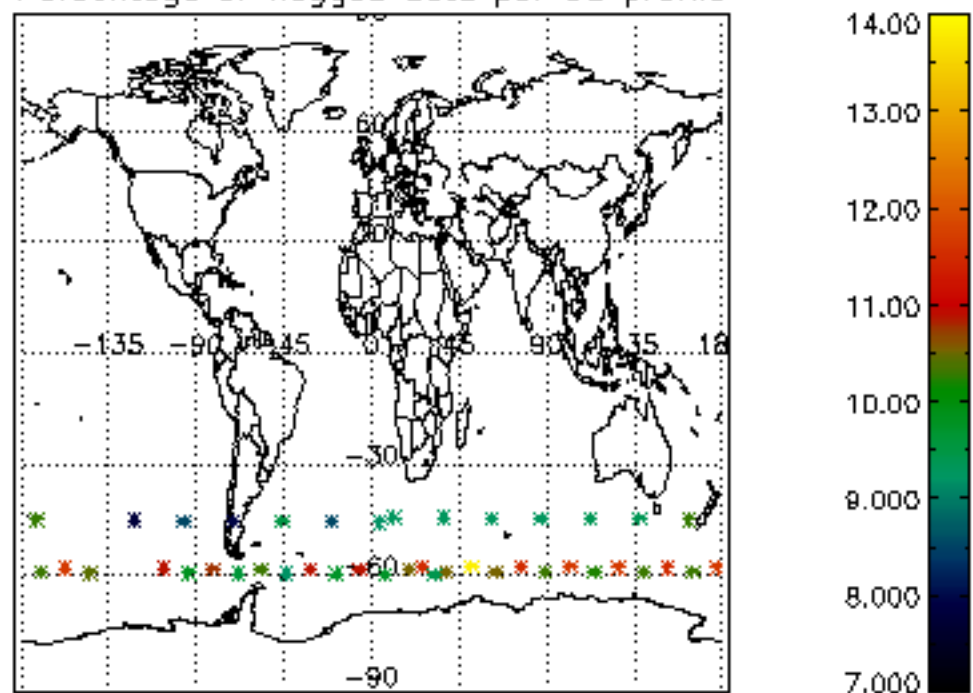




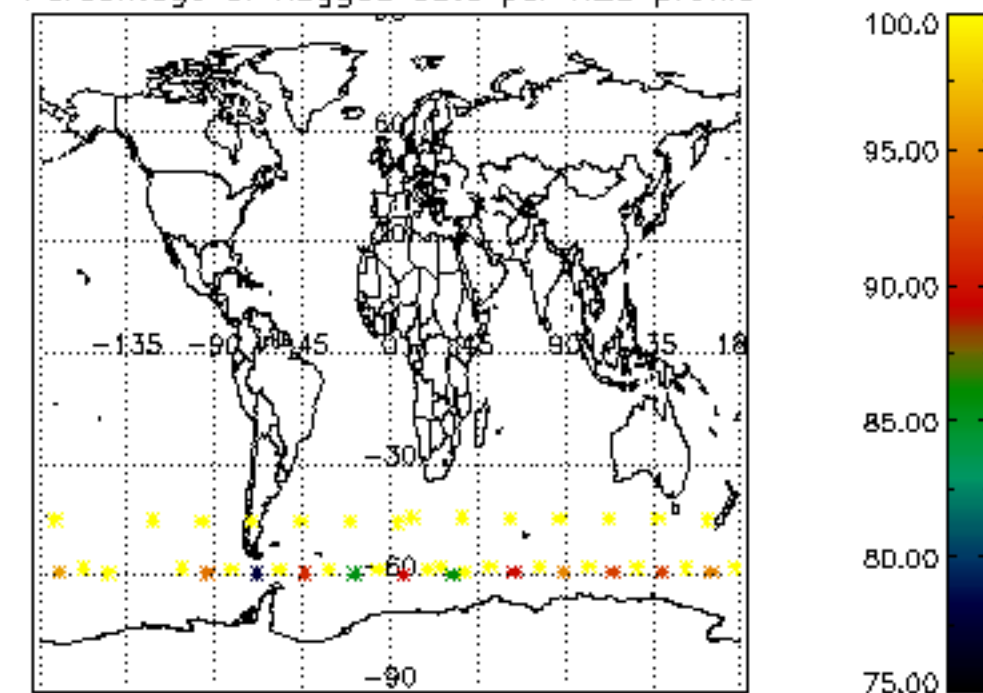




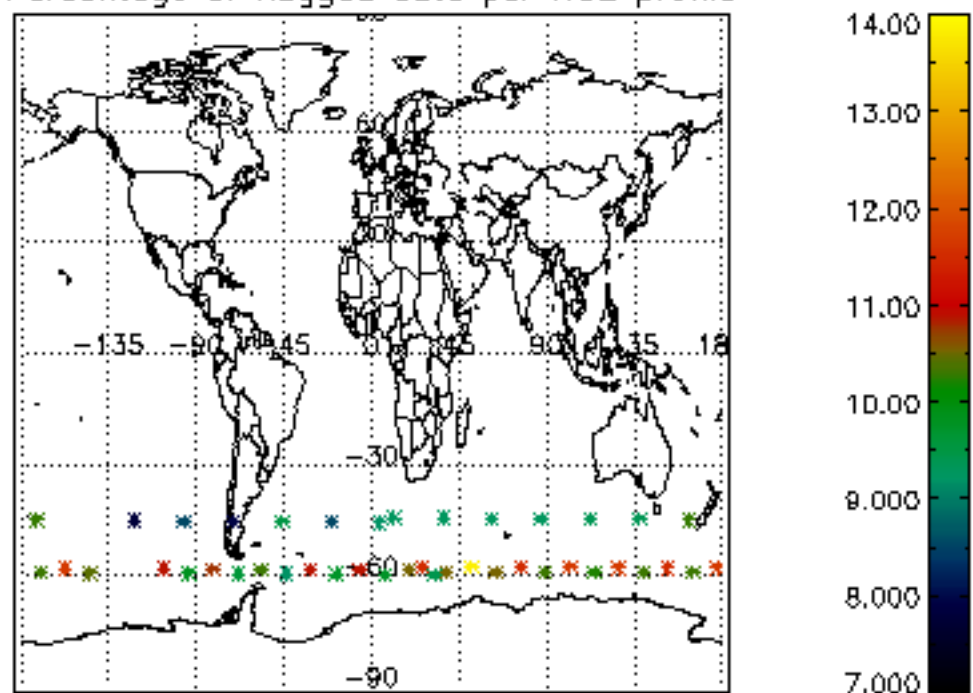
Percentage of flagged data per D3 profile



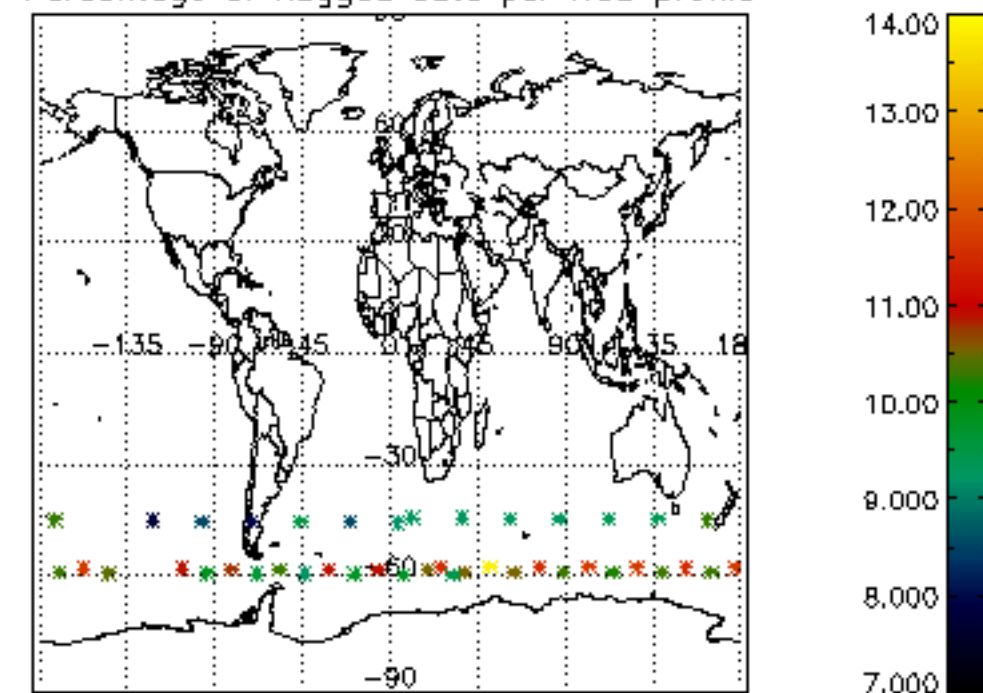
Percentage of flagged data per H2O profile

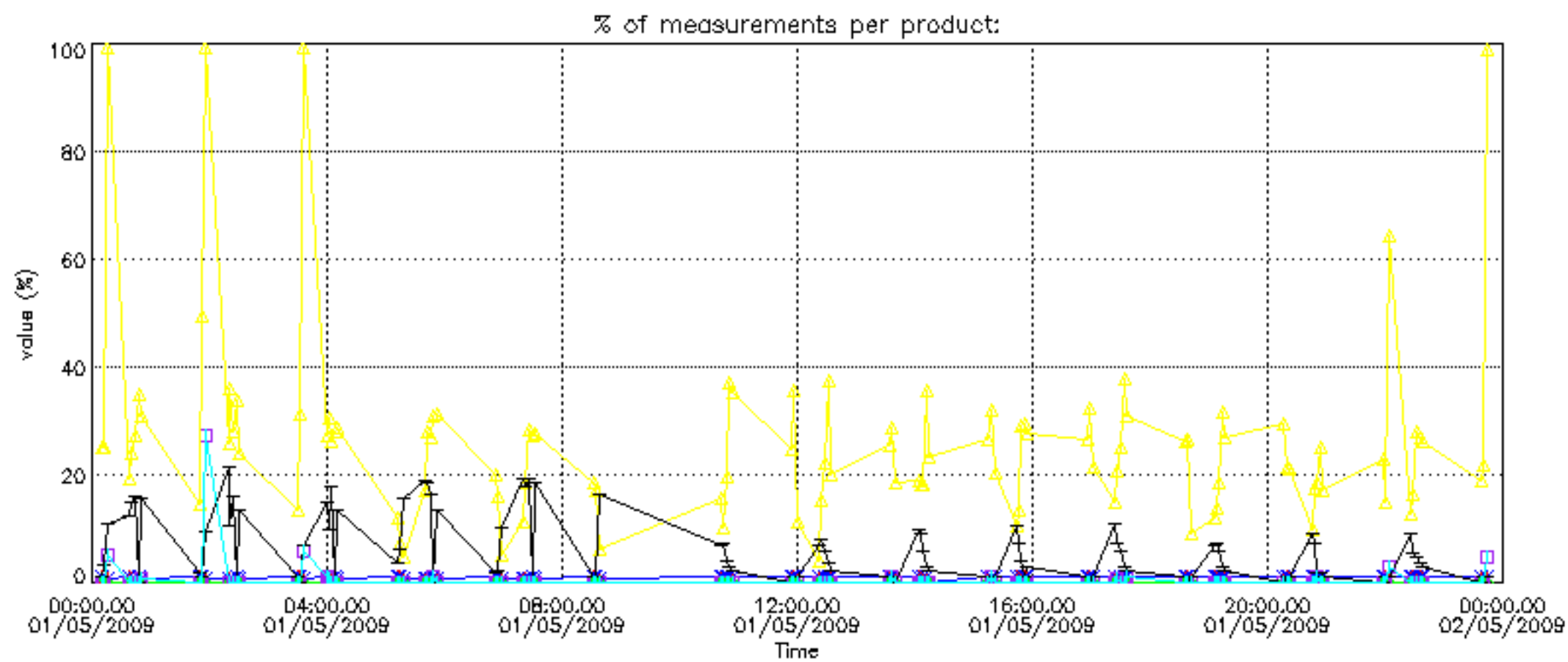
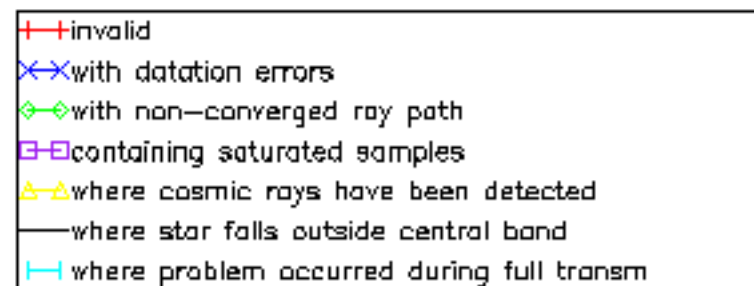


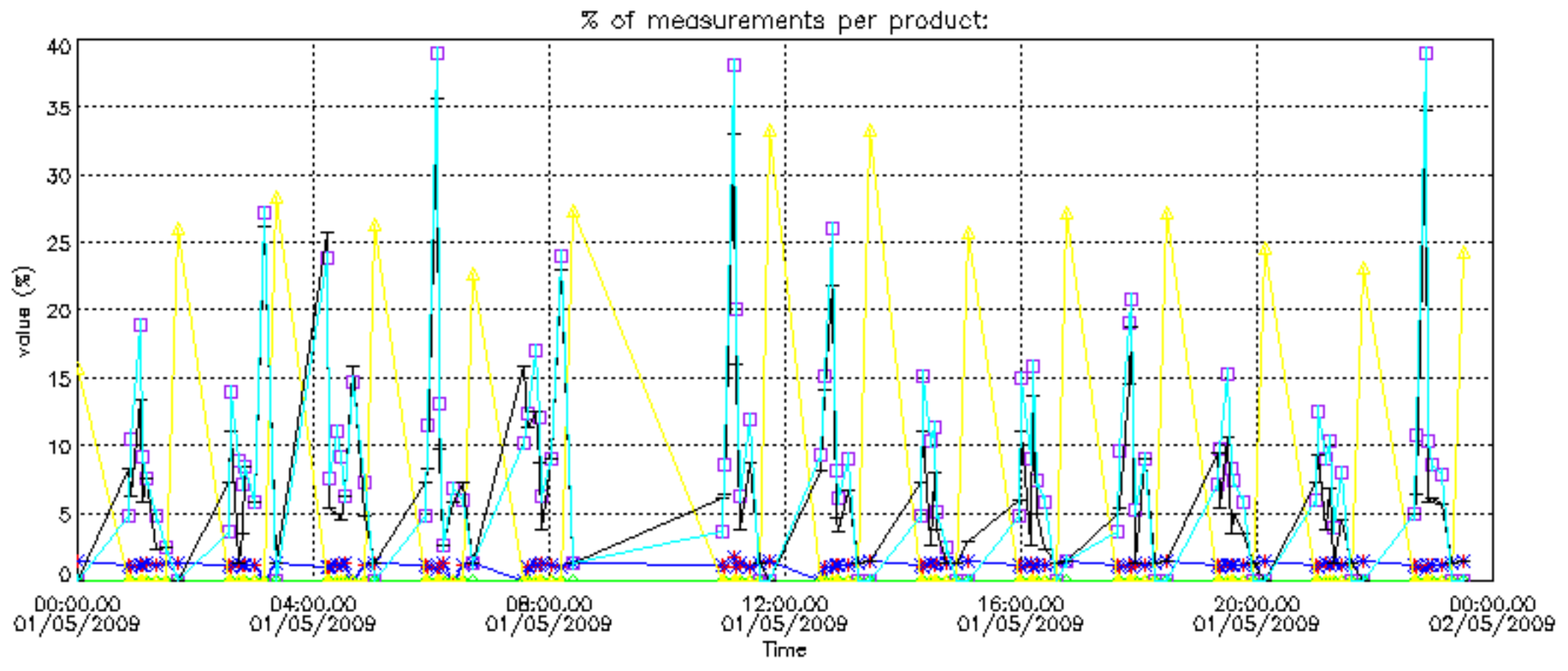
Percentage of flagged data per NO2 profile



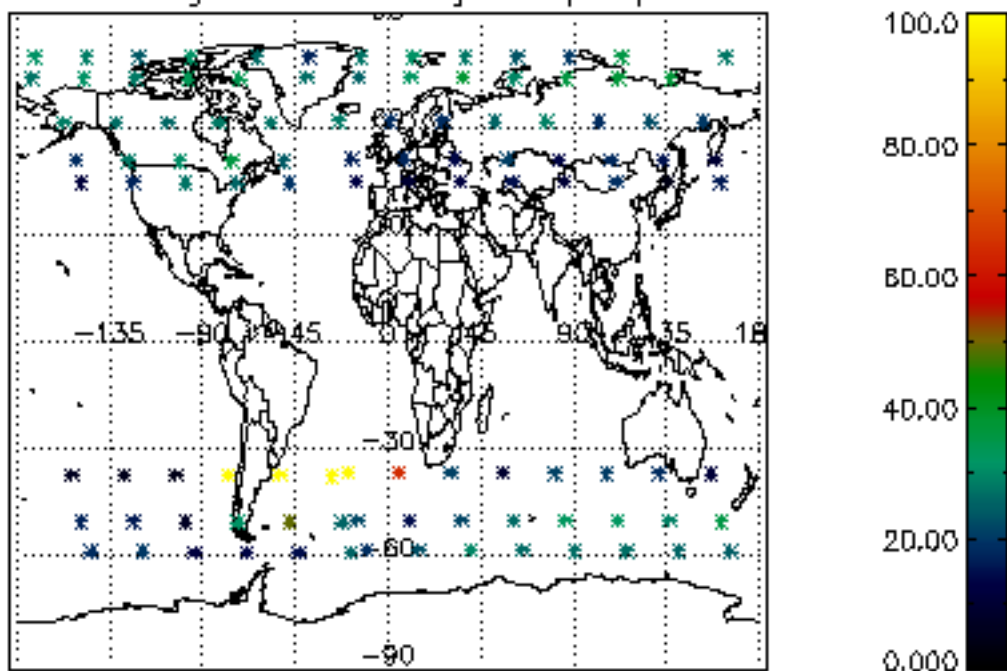
Percentage of flagged data per NO3 profile



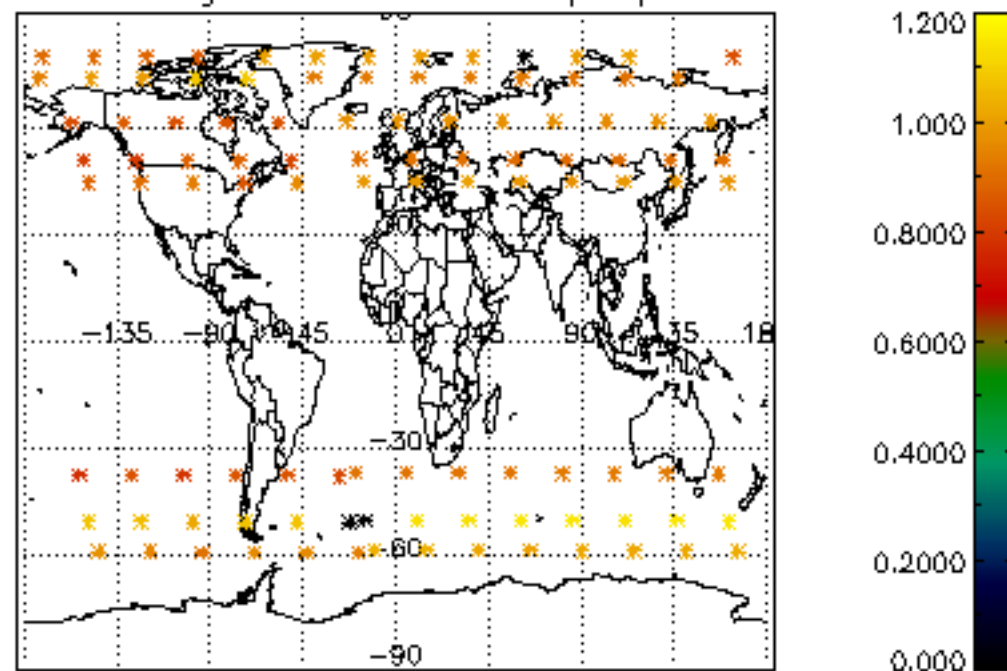




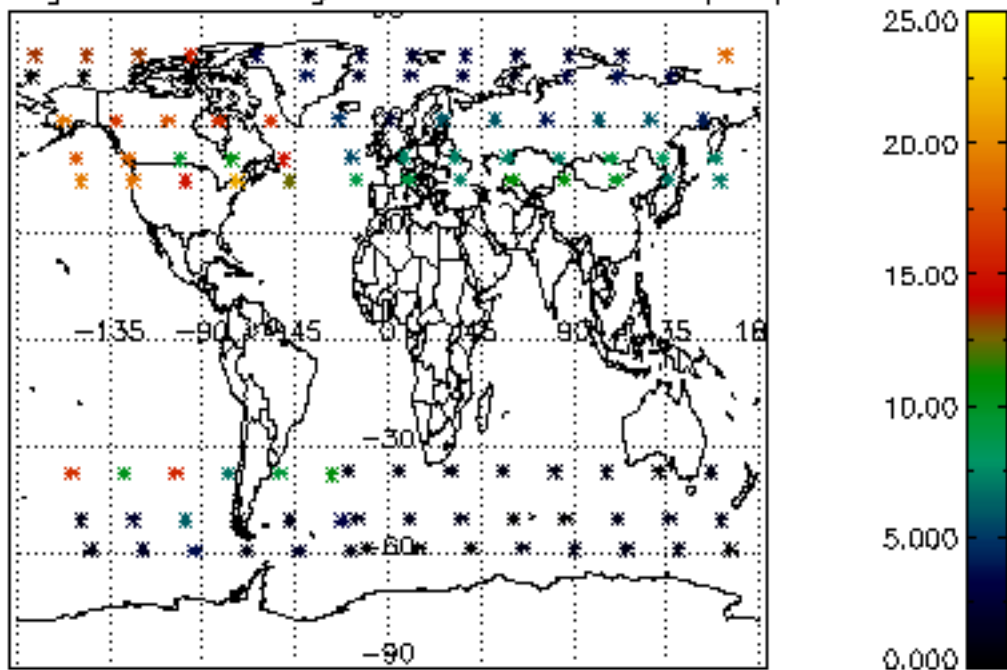
Percentage of cosmic ray hits per profile



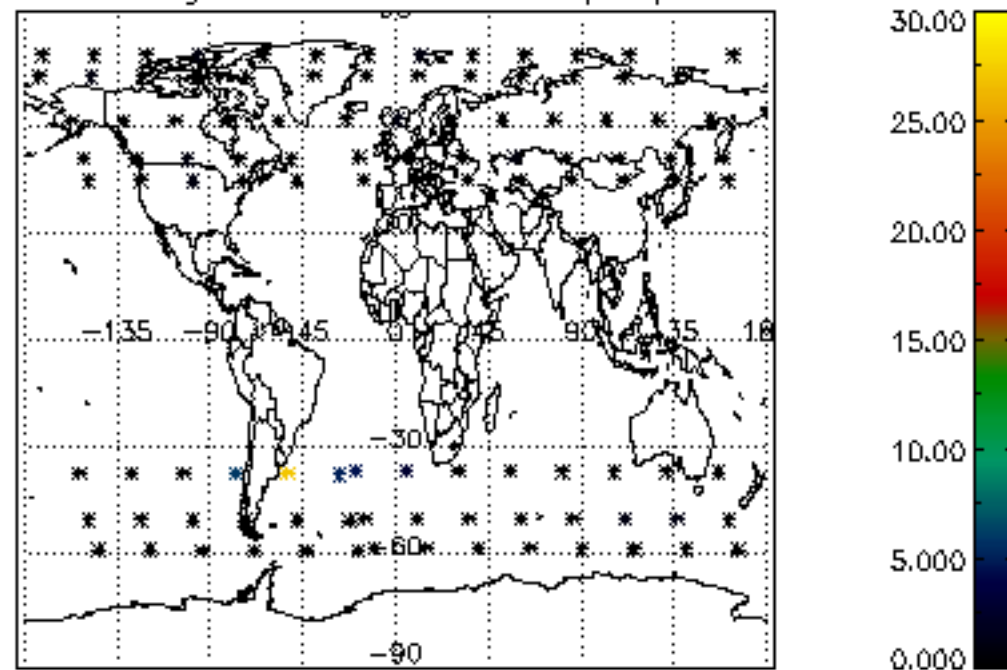
Percentage of datation errors per profile



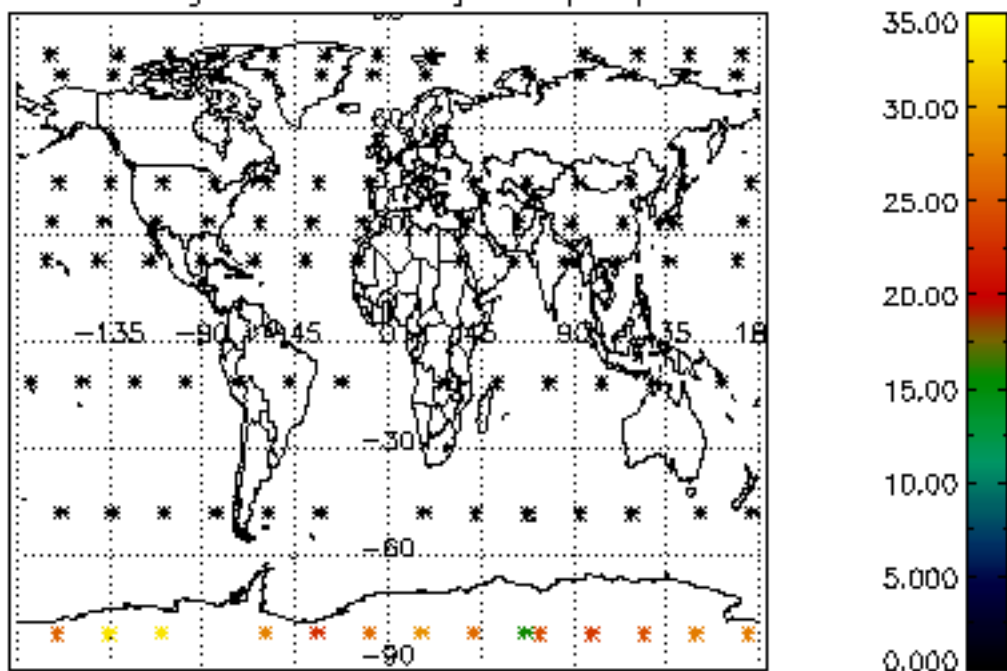
Percentage of star falling outside central band per profile



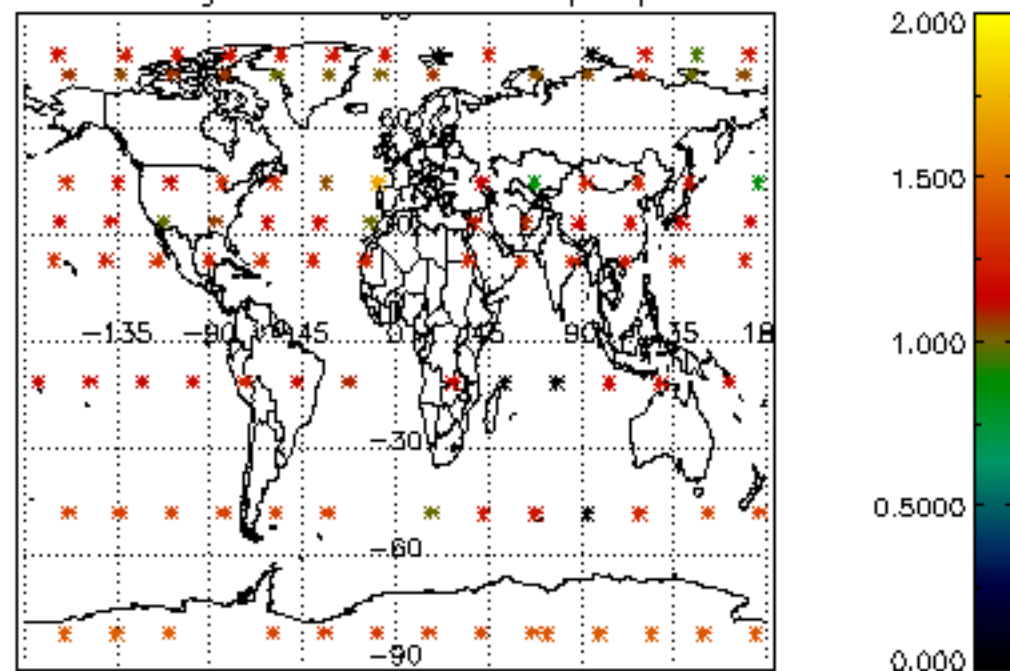
Percentage of saturation errors per profile



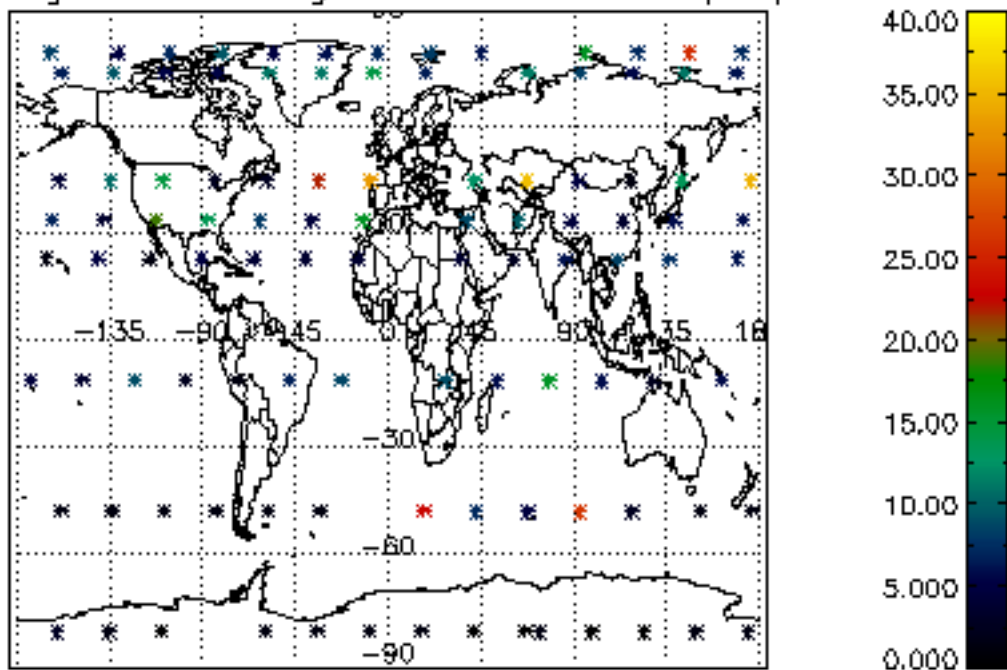
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

