

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	22APR2013 22:06:40
Data source version	GOMOS/6.01
Start time of products	23-07-2007 (23JUL2007 00:00:00)
Stop time of products	24-07-2007 (24JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	287
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__2PRFIN20070723_000238_000000412060_00088_28198_1625.N1	23-JUL-2007 00:02:38	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28198	No
2	GOM_NL__2PRFIN20070723_000614_000000392060_00088_28198_1626.N1	23-JUL-2007 00:06:14	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	28198	No
3	GOM_NL__2PRFIN20070723_001402_000000512060_00088_28198_1627.N1	23-JUL-2007 00:14:02	Bright	50.500	38	20Eps Sgr	1.8360	11000.	101	28198	No
4	GOM_NL__2PRFIN20070723_001556_000000392060_00088_28198_1628.N1	23-JUL-2007 00:15:56	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28198	No
5	GOM_NL__2PRFIN20070723_001717_000000382060_00088_28198_1629.N1	23-JUL-2007 00:17:17	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28198	No
6	GOM_NL__2PRFIN20070723_002515_000000372060_00088_28198_1630.N1	23-JUL-2007 00:25:15	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28198	No
7	GOM_NL__2PRFIN20070723_002733_000000392060_00088_28198_1631.N1	23-JUL-2007 00:27:33	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	28198	No
8	GOM_NL__2PRFIN20070723_003433_000000362060_00088_28198_1632.N1	23-JUL-2007 00:34:33	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	28198	No
9	GOM_NL__2PRFIN20070723_003806_000000372060_00088_28198_1633.N1	23-JUL-2007 00:38:06	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28198	No
10	GOM_NL__2PRFIN20070723_004140_000000372060_00088_28198_1634.N1	23-JUL-2007 00:41:40	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28198	No
11	GOM_NL__2PRFIN20070723_004554_000000382060_00088_28198_1635.N1	23-JUL-2007 00:45:54	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	28198	No
12	GOM_NL__2PRFIN20070723_004905_000000332060_00088_28198_1636.N1	23-JUL-2007 00:49:05	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28198	No
13	GOM_NL__2PRFIN20070723_010138_000000382060_00088_28198_1637.N1	23-JUL-2007 01:01:38	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	28198	No
14	GOM_NL__2PRFIN20070723_011253_000000372060_00088_28198_1638.N1	23-JUL-2007 01:12:53	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	28198	No
15	GOM_NL__2PRFIN20070723_011449_000000382060_00088_28198_1639.N1	23-JUL-2007 01:14:49	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28198	No
16	GOM_NL__2PRFIN20070723_011705_000000412060_00088_28198_1640.N1	23-JUL-2007 01:17:05	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28198	No
17	GOM_NL__2PRFIN20070723_011926_000000402060_00088_28198_1641.N1	23-JUL-2007 01:19:26	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28198	No
18	GOM_NL__2PRFIN20070723_012347_000000392060_00088_28198_1642.N1	23-JUL-2007 01:23:47	Dark	38.500	108	Alp Col	2.6520	15200.	77	28198	No
19	GOM_NL__2PRFIN20070723_013535_000000382060_00089_28199_1634.N1	23-JUL-2007 01:35:35	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28199	No
20	GOM_NL__2PRFIN20070723_013850_000000372060_00089_28199_1635.N1	23-JUL-2007 01:38:50	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28199	No
21	GOM_NL__2PRFIN20070723_014314_000000402060_00089_28199_1636.N1	23-JUL-2007 01:43:14	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28199	No
22	GOM_NL__2PRFIN20070723_014651_000000442060_00089_28199_1637.N1	23-JUL-2007 01:46:51	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	28199	No
23	GOM_NL__2PRFIN20070723_015438_000000412060_00089_28199_1638.N1	23-JUL-2007 01:54:38	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	28199	No
24	GOM_NL__2PRFIN20070723_015633_000000392060_00089_28199_1639.N1	23-JUL-2007 01:56:33	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28199	No
25	GOM_NL__2PRFIN20070723_015753_000000382060_00089_28199_1640.N1	23-JUL-2007 01:57:53	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28199	No
26	GOM_NL__2PRFIN20070723_020551_000000372060_00089_28199_1641.N1	23-JUL-2007 02:05:51	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	28199	No
27	GOM_NL__2PRFIN20070723_020809_000000372060_00089_28199_1642.N1	23-JUL-2007 02:08:09	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28199	No
28	GOM_NL__2PRFIN20070723_021509_000000392060_00089_28199_1643.N1	23-JUL-2007 02:15:09	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28199	No
29	GOM_NL__2PRFIN20070723_021842_000000362060_00089_28199_1644.N1	23-JUL-2007 02:18:42	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28199	No
30	GOM_NL__2PRFIN20070723_022216_000000382060_00089_28199_1645.N1	23-JUL-2007 02:22:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	28199	No
31	GOM_NL__2PRFIN20070723_022630_000000382060_00089_28199_1646.N1	23-JUL-2007 02:26:30	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	28199	No
32	GOM_NL__2PRFIN20070723_022941_000000332060_00089_28199_1647.N1	23-JUL-2007 02:29:41	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28199	No
33	GOM_NL__2PRFIN20070723_024214_000000382060_00089_28199_1648.N1	23-JUL-2007 02:42:14	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28199	No
34	GOM_NL__2PRFIN20070723_025329_000000382060_00089_28199_1649.N1	23-JUL-2007 02:53:29	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28199	No
35	GOM_NL__2PRFIN20070723_025525_000000382060_00089_28199_1650.N1	23-JUL-2007 02:55:25	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28199	No
36	GOM_NL__2PRFIN20070723_025742_000000502060_00089_28199_1651.N1	23-JUL-2007 02:57:42	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	28199	No
37	GOM_NL__2PRFIN20070723_030002_000000412060_00089_28199_1652.N1	23-JUL-2007 03:00:02	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28199	No
38	GOM_NL__2PRFIN20070723_030423_000000392060_00089_28199_1653.N1	23-JUL-2007 03:04:23	Dark	38.500	108	Alp Col	2.6520	15200.	77	28199	No
39	GOM_NL__2PRFIN20070723_031611_000000372060_00090_28200_1650.N1	23-JUL-2007 03:16:11	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	28200	No
40	GOM_NL__2PRFIN20070723_031926_000000382060_00090_28200_1651.N1	23-JUL-2007 03:19:26	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28200	No
41	GOM_NL__2PRFIN20070723_032351_000000432060_00090_28200_1652.N1	23-JUL-2007 03:23:51	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28200	No
42	GOM_NL__2PRFIN20070723_032727_000000412060_00090_28200_1653.N1	23-JUL-2007 03:27:27	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	28200	No

43	GOM_NL__2PRFIN20070723_033514_000000412060_00090_28200_1654.N1	23-JUL-2007 03:35:14	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	28200	No
44	GOM_NL__2PRFIN20070723_033709_000000382060_00090_28200_1655.N1	23-JUL-2007 03:37:09	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28200	No
45	GOM_NL__2PRFIN20070723_033829_000000382060_00090_28200_1656.N1	23-JUL-2007 03:38:29	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28200	No
46	GOM_NL__2PRFIN20070723_034627_000000382060_00090_28200_1657.N1	23-JUL-2007 03:46:27	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28200	No
47	GOM_NL__2PRFIN20070723_034846_000000362060_00090_28200_1658.N1	23-JUL-2007 03:48:46	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28200	No
48	GOM_NL__2PRFIN20070723_035545_000000392060_00090_28200_1659.N1	23-JUL-2007 03:55:45	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28200	No
49	GOM_NL__2PRFIN20070723_035918_000000362060_00090_28200_1660.N1	23-JUL-2007 03:59:18	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28200	No
50	GOM_NL__2PRFIN20070723_040252_000000332060_00090_28200_1661.N1	23-JUL-2007 04:02:52	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	28200	No
51	GOM_NL__2PRFIN20070723_040707_000000372060_00090_28200_1662.N1	23-JUL-2007 04:07:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28200	No
52	GOM_NL__2PRFIN20070723_041017_000000342060_00090_28200_1663.N1	23-JUL-2007 04:10:17	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28200	No
53	GOM_NL__2PRFIN20070723_042250_000000382060_00090_28200_1664.N1	23-JUL-2007 04:22:50	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28200	No
54	GOM_NL__2PRFIN20070723_043405_000000392060_00090_28200_1665.N1	23-JUL-2007 04:34:05	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	28200	No
55	GOM_NL__2PRFIN20070723_043601_000000402060_00090_28200_1666.N1	23-JUL-2007 04:36:01	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28200	No
56	GOM_NL__2PRFIN20070723_043818_000000442060_00090_28200_1667.N1	23-JUL-2007 04:38:18	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	28200	No
57	GOM_NL__2PRFIN20070723_044038_000000402060_00090_28200_1668.N1	23-JUL-2007 04:40:38	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28200	No
58	GOM_NL__2PRFIN20070723_044459_000000382060_00090_28200_1669.N1	23-JUL-2007 04:44:59	Dark	38.000	108	Alp Col	2.6520	15200.	76	28200	No
59	GOM_NL__2PRFIN20070723_045648_000000392060_00091_28201_1663.N1	23-JUL-2007 04:56:48	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28201	No
60	GOM_NL__2PRFIN20070723_050003_000000362060_00091_28201_1664.N1	23-JUL-2007 05:00:03	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	28201	No
61	GOM_NL__2PRFIN20070723_050427_000000402060_00091_28201_1665.N1	23-JUL-2007 05:04:27	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28201	No
62	GOM_NL__2PRFIN20070723_050803_000000412060_00091_28201_1666.N1	23-JUL-2007 05:08:03	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	28201	No
63	GOM_NL__2PRFIN20070723_051551_000000372060_00091_28201_1667.N1	23-JUL-2007 05:15:51	Bright	37.000	38	20Eps Sgr	1.8360	11000.	74	28201	No
64	GOM_NL__2PRFIN20070723_051745_000000402060_00091_28201_1668.N1	23-JUL-2007 05:17:45	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	28201	No
65	GOM_NL__2PRFIN20070723_051905_000000382060_00091_28201_1669.N1	23-JUL-2007 05:19:05	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28201	No
66	GOM_NL__2PRFIN20070723_052703_000000352060_00091_28201_1670.N1	23-JUL-2007 05:27:03	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28201	No
67	GOM_NL__2PRFIN20070723_052922_000000372060_00091_28201_1671.N1	23-JUL-2007 05:29:22	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28201	No
68	GOM_NL__2PRFIN20070723_053621_000000392060_00091_28201_1672.N1	23-JUL-2007 05:36:21	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28201	No
69	GOM_NL__2PRFIN20070723_053954_000000382060_00091_28201_1673.N1	23-JUL-2007 05:39:54	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28201	No
70	GOM_NL__2PRFIN20070723_054329_000000362060_00091_28201_1674.N1	23-JUL-2007 05:43:29	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28201	No
71	GOM_NL__2PRFIN20070723_054743_000000352060_00091_28201_1675.N1	23-JUL-2007 05:47:43	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	28201	No
72	GOM_NL__2PRFIN20070723_055053_000000352060_00091_28201_1676.N1	23-JUL-2007 05:50:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28201	No
73	GOM_NL__2PRFIN20070723_060326_000000382060_00091_28201_1677.N1	23-JUL-2007 06:03:26	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28201	No
74	GOM_NL__2PRFIN20070723_061442_000000402060_00091_28201_1678.N1	23-JUL-2007 06:14:42	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28201	No
75	GOM_NL__2PRFIN20070723_061638_000000412060_00091_28201_1679.N1	23-JUL-2007 06:16:38	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	28201	No
76	GOM_NL__2PRFIN20070723_061854_000000502060_00091_28201_1680.N1	23-JUL-2007 06:18:54	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	28201	No
77	GOM_NL__2PRFIN20070723_062114_000000402060_00091_28201_1681.N1	23-JUL-2007 06:21:14	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28201	No
78	GOM_NL__2PRFIN20070723_062536_000000372060_00091_28201_1682.N1	23-JUL-2007 06:25:36	Dark	37.000	108	Alp Col	2.6520	15200.	74	28201	No
79	GOM_NL__2PRFIN20070723_063725_000000382060_00092_28202_1674.N1	23-JUL-2007 06:37:25	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28202	No
80	GOM_NL__2PRFIN20070723_064039_000000372060_00092_28202_1675.N1	23-JUL-2007 06:40:39	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28202	No
81	GOM_NL__2PRFIN20070723_064504_000000432060_00092_28202_1676.N1	23-JUL-2007 06:45:04	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28202	No
82	GOM_NL__2PRFIN20070723_064840_000000392060_00092_28202_1677.N1	23-JUL-2007 06:48:40	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	28202	No
83	GOM_NL__2PRFIN20070723_065627_000000402060_00092_28202_1678.N1	23-JUL-2007 06:56:27	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	28202	No
84	GOM_NL__2PRFIN20070723_065821_000000422060_00092_28202_1679.N1	23-JUL-2007 06:58:21	Bright	41.500	57	34Sig Sgr	2.0660	26000.	83	28202	No
85	GOM_NL__2PRFIN20070723_065941_000000372060_00092_28202_1680.N1	23-JUL-2007 06:59:41	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28202	No
86	GOM_NL__2PRFIN20070723_070739_000000352060_00092_28202_1681.N1	23-JUL-2007 07:07:39	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28202	No
87	GOM_NL__2PRFIN20070723_070958_000000372060_00092_28202_1682.N1	23-JUL-2007 07:09:58	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28202	No
88	GOM_NL__2PRFIN20070723_071656_000000392060_00092_28202_1683.N1	23-JUL-2007 07:16:56	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28202	No
89	GOM_NL__2PRFIN20070723_072030_000000372060_00092_28202_1684.N1	23-JUL-2007 07:20:30	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28202	No
90	GOM_NL__2PRFIN20070723_072405_000000352060_00092_28202_1685.N1	23-JUL-2007 07:24:05	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	28202	No
91	GOM_NL__2PRFIN20070723_072819_000000372060_00092_28202_1686.N1	23-JUL-2007 07:28:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28202	No
92	GOM_NL__2PRFIN20070723_073129_000000352060_00092_28202_1687.N1	23-JUL-2007 07:31:29	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28202	No
93	GOM_NL__2PRFIN20070723_074402_000000392060_00092_28202_1688.N1	23-JUL-2007 07:44:02	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	28202	No
94	GOM_NL__2PRFIN20070723_075518_000000402060_00092_28202_1689.N1	23-JUL-2007 07:55:18	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28202	No
95	GOM_NL__2PRFIN20070723_075714_000000412060_00092_28202_1690.N1	23-JUL-2007 07:57:14	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28202	No
96	GOM_NL__2PRFIN20070723_075931_000000442060_00092_28202_1691.N1	23-JUL-2007 07:59:31	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	28202	No
97	GOM_NL__2PRFIN20070723_080150_000000392060_00092_28202_1692.N1	23-JUL-2007 08:01:50	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28202	No
98	GOM_NL__2PRFIN20070723_080612_000000392060_00092_28202_1693.N1	23-JUL-2007 08:06:12	Dark	38.500	108	Alp Col	2.6520	15200.	77	28202	No
99	GOM_NL__2PRFIN20070723_081801_000000382060_00093_28203_1823.N1	23-JUL-2007 08:18:01	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28203	No
100	GOM_NL__2PRFIN20070723_082115_000000362060_00093_28203_1824.N1	23-JUL-2007 08:21:15	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28203	No
101	GOM_NL__2PRFIN20070723_082540_000000412060_00093_28203_1825.N1	23-JUL-2007 08:25:40	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28203	No

102	GOM_NL__2PRFIN20070723_082916_000000392060_00093_28203_1826.N1	23-JUL-2007 08:29:16	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28203	No
103	GOM_NL__2PRFIN20070723_083703_000000522060_00093_28203_1827.N1	23-JUL-2007 08:37:03	Bright	52.000	38	20Eps Sgr	1.8360	11000.	104	28203	No
104	GOM_NL__2PRFIN20070723_083857_000000372060_00093_28203_1828.N1	23-JUL-2007 08:38:57	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	28203	No
105	GOM_NL__2PRFIN20070723_084017_000000382060_00093_28203_1829.N1	23-JUL-2007 08:40:17	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28203	No
106	GOM_NL__2PRFIN20070723_084816_000000362060_00093_28203_1830.N1	23-JUL-2007 08:48:16	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	28203	No
107	GOM_NL__2PRFIN20070723_085034_000000372060_00093_28203_1831.N1	23-JUL-2007 08:50:34	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28203	No
108	GOM_NL__2PRFIN20070723_085732_000000402060_00093_28203_1832.N1	23-JUL-2007 08:57:32	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	28203	No
109	GOM_NL__2PRFIN20070723_090106_000000392060_00093_28203_1833.N1	23-JUL-2007 09:01:06	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	28203	No
110	GOM_NL__2PRFIN20070723_090441_000000362060_00093_28203_1834.N1	23-JUL-2007 09:04:41	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28203	No
111	GOM_NL__2PRFIN20070723_090855_000000352060_00093_28203_1835.N1	23-JUL-2007 09:08:55	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28203	No
112	GOM_NL__2PRFIN20070723_091205_000000362060_00093_28203_1836.N1	23-JUL-2007 09:12:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28203	No
113	GOM_NL__2PRFIN20070723_092438_000000532060_00093_28203_1837.N1	23-JUL-2007 09:24:38	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28203	No
114	GOM_NL__2PRFIN20070723_093554_000000412060_00093_28203_1838.N1	23-JUL-2007 09:35:54	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	28203	No
115	GOM_NL__2PRFIN20070723_093750_000000402060_00093_28203_1839.N1	23-JUL-2007 09:37:50	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28203	No
116	GOM_NL__2PRFIN20070723_094007_000000512060_00093_28203_1840.N1	23-JUL-2007 09:40:07	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	28203	No
117	GOM_NL__2PRFIN20070723_094227_000000422060_00093_28203_1841.N1	23-JUL-2007 09:42:27	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	28203	No
118	GOM_NL__2PRFIN20070723_094648_000000392060_00093_28203_1842.N1	23-JUL-2007 09:46:48	Dark	38.500	108	Alp Col	2.6520	15200.	77	28203	No
119	GOM_NL__2PRFIN20070723_095837_000000382060_00094_28204_1807.N1	23-JUL-2007 09:58:37	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28204	No
120	GOM_NL__2PRFIN20070723_100151_000000372060_00094_28204_1808.N1	23-JUL-2007 10:01:51	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28204	No
121	GOM_NL__2PRFIN20070723_100617_000000462060_00094_28204_1809.N1	23-JUL-2007 10:06:17	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	28204	No
122	GOM_NL__2PRFIN20070723_100952_000000422060_00094_28204_1810.N1	23-JUL-2007 10:09:52	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	28204	No
123	GOM_NL__2PRFIN20070723_101739_000000472060_00094_28204_1811.N1	23-JUL-2007 10:17:39	Bright	46.500	38	20Eps Sgr	1.8360	11000.	93	28204	No
124	GOM_NL__2PRFIN20070723_101933_000000382060_00094_28204_1812.N1	23-JUL-2007 10:19:33	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28204	No
125	GOM_NL__2PRFIN20070723_102054_000000372060_00094_28204_1813.N1	23-JUL-2007 10:20:54	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28204	No
126	GOM_NL__2PRFIN20070723_102852_000000372060_00094_28204_1814.N1	23-JUL-2007 10:28:52	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28204	No
127	GOM_NL__2PRFIN20070723_103110_000000362060_00094_28204_1815.N1	23-JUL-2007 10:31:10	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28204	No
128	GOM_NL__2PRFIN20070723_103808_000000372060_00094_28204_1816.N1	23-JUL-2007 10:38:08	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	28204	No
129	GOM_NL__2PRFIN20070723_104142_000000372060_00094_28204_1817.N1	23-JUL-2007 10:41:42	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28204	No
130	GOM_NL__2PRFIN20070723_104517_000000372060_00094_28204_1818.N1	23-JUL-2007 10:45:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28204	No
131	GOM_NL__2PRFIN20070723_104931_000000332060_00094_28204_1819.N1	23-JUL-2007 10:49:31	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28204	No
132	GOM_NL__2PRFIN20070723_105241_000000362060_00094_28204_1820.N1	23-JUL-2007 10:52:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28204	No
133	GOM_NL__2PRFIN20070723_110515_000000372060_00094_28204_1821.N1	23-JUL-2007 11:05:15	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28204	No
134	GOM_NL__2PRFIN20070723_111630_000000412060_00094_28204_1822.N1	23-JUL-2007 11:16:30	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	28204	No
135	GOM_NL__2PRFIN20070723_111826_000000382060_00094_28204_1823.N1	23-JUL-2007 11:18:26	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	28204	No
136	GOM_NL__2PRFIN20070723_112043_000000472060_00094_28204_1824.N1	23-JUL-2007 11:20:43	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28204	No
137	GOM_NL__2PRFIN20070723_112303_000000392060_00094_28204_1825.N1	23-JUL-2007 11:23:03	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28204	No
138	GOM_NL__2PRFIN20070723_112724_000000382060_00094_28204_1826.N1	23-JUL-2007 11:27:24	Dark	38.000	108	Alp Col	2.6520	15200.	76	28204	No
139	GOM_NL__2PRFIN20070723_113914_000000392060_00095_28205_1718.N1	23-JUL-2007 11:39:14	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28205	No
140	GOM_NL__2PRFIN20070723_114227_000000372060_00095_28205_1719.N1	23-JUL-2007 11:42:27	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28205	No
141	GOM_NL__2PRFIN20070723_114653_000000432060_00095_28205_1720.N1	23-JUL-2007 11:46:53	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28205	No
142	GOM_NL__2PRFIN20070723_115028_000000382060_00095_28205_1721.N1	23-JUL-2007 11:50:28	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28205	No
143	GOM_NL__2PRFIN20070723_115815_000000402060_00095_28205_1722.N1	23-JUL-2007 11:58:15	Bright	40.000	38	20Eps Sgr	1.8360	11000.	80	28205	No
144	GOM_NL__2PRFIN20070723_120009_000000382060_00095_28205_1723.N1	23-JUL-2007 12:00:09	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28205	No
145	GOM_NL__2PRFIN20070723_120130_000000382060_00095_28205_1724.N1	23-JUL-2007 12:01:30	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28205	No
146	GOM_NL__2PRFIN20070723_120928_000000352060_00095_28205_1725.N1	23-JUL-2007 12:09:28	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28205	No
147	GOM_NL__2PRFIN20070723_121146_000000372060_00095_28205_1726.N1	23-JUL-2007 12:11:46	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28205	No
148	GOM_NL__2PRFIN20070723_121844_000000352060_00095_28205_1727.N1	23-JUL-2007 12:18:44	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28205	No
149	GOM_NL__2PRFIN20070723_122218_000000372060_00095_28205_1728.N1	23-JUL-2007 12:22:18	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28205	No
150	GOM_NL__2PRFIN20070723_122553_000000372060_00095_28205_1729.N1	23-JUL-2007 12:25:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28205	No
151	GOM_NL__2PRFIN20070723_123007_000000352060_00095_28205_1730.N1	23-JUL-2007 12:30:07	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28205	No
152	GOM_NL__2PRFIN20070723_123317_000000362060_00095_28205_1731.N1	23-JUL-2007 12:33:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28205	No
153	GOM_NL__2PRFIN20070723_124550_000000392060_00095_28205_1732.N1	23-JUL-2007 12:45:50	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	28205	No
154	GOM_NL__2PRFIN20070723_125706_000000402060_00095_28205_1733.N1	23-JUL-2007 12:57:06	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	28205	No
155	GOM_NL__2PRFIN20070723_125902_000000372060_00095_28205_1734.N1	23-JUL-2007 12:59:02	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28205	No
156	GOM_NL__2PRFIN20070723_130119_000000422060_00095_28205_1735.N1	23-JUL-2007 13:01:19	Dark	41.500	7	19Bet Ori	0.10000	14000.	83	28205	No
157	GOM_NL__2PRFIN20070723_130339_000000362060_00095_28205_1736.N1	23-JUL-2007 13:03:39	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	28205	No
158	GOM_NL__2PRFIN20070723_130800_000000382060_00095_28205_1737.N1	23-JUL-2007 13:08:00	Dark	38.000	108	Alp Col	2.6520	15200.	76	28205	No
159	GOM_NL__2PRFIN20070723_131950_000000392060_00096_28206_1784.N1	23-JUL-2007 13:19:50	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28206	No
160	GOM_NL__2PRFIN20070723_132304_000000372060_00096_28206_1785.N1	23-JUL-2007 13:23:04	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28206	No



161	GOM_NL__2PRFIN20070723_132729_000000422060_00096_28206_1786.N1	23-JUL-2007 13:27:29	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28206	No
162	GOM_NL__2PRFIN20070723_133105_000000382060_00096_28206_1787.N1	23-JUL-2007 13:31:05	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28206	No
163	GOM_NL__2PRFIN20070723_133851_000000422060_00096_28206_1788.N1	23-JUL-2007 13:38:51	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	28206	No
164	GOM_NL__2PRFIN20070723_134045_000000382060_00096_28206_1789.N1	23-JUL-2007 13:40:45	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28206	No
165	GOM_NL__2PRFIN20070723_134206_000000382060_00096_28206_1790.N1	23-JUL-2007 13:42:06	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28206	No
166	GOM_NL__2PRFIN20070723_135004_000000372060_00096_28206_1791.N1	23-JUL-2007 13:50:04	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28206	No
167	GOM_NL__2PRFIN20070723_135223_000000372060_00096_28206_1792.N1	23-JUL-2007 13:52:23	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28206	No
168	GOM_NL__2PRFIN20070723_135920_000000392060_00096_28206_1793.N1	23-JUL-2007 13:59:20	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28206	No
169	GOM_NL__2PRFIN20070723_140254_000000382060_00096_28206_1794.N1	23-JUL-2007 14:02:54	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28206	No
170	GOM_NL__2PRFIN20070723_140630_000000362060_00096_28206_1795.N1	23-JUL-2007 14:06:30	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28206	No
171	GOM_NL__2PRFIN20070723_141044_000000382060_00096_28206_1796.N1	23-JUL-2007 14:10:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	28206	No
172	GOM_NL__2PRFIN20070723_141353_000000372060_00096_28206_1797.N1	23-JUL-2007 14:13:53	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28206	No
173	GOM_NL__2PRFIN20070723_142626_000000532060_00096_28206_1798.N1	23-JUL-2007 14:26:26	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28206	No
174	GOM_NL__2PRFIN20070723_143743_000000372060_00096_28206_1799.N1	23-JUL-2007 14:37:43	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	28206	No
175	GOM_NL__2PRFIN20070723_143939_000000352060_00096_28206_1800.N1	23-JUL-2007 14:39:39	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28206	No
176	GOM_NL__2PRFIN20070723_144155_000000432060_00096_28206_1801.N1	23-JUL-2007 14:41:55	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28206	No
177	GOM_NL__2PRFIN20070723_144415_000000362060_00096_28206_1802.N1	23-JUL-2007 14:44:15	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	28206	No
178	GOM_NL__2PRFIN20070723_144836_000000392060_00096_28206_1803.N1	23-JUL-2007 14:48:36	Dark	39.000	108	Alp Col	2.6520	15200.	78	28206	No
179	GOM_NL__2PRFIN20070723_150027_000000402060_00097_28207_1830.N1	23-JUL-2007 15:00:27	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28207	No
180	GOM_NL__2PRFIN20070723_150340_000000392060_00097_28207_1831.N1	23-JUL-2007 15:03:40	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	28207	No
181	GOM_NL__2PRFIN20070723_150806_000000412060_00097_28207_1832.N1	23-JUL-2007 15:08:06	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28207	No
182	GOM_NL__2PRFIN20070723_151141_000000382060_00097_28207_1833.N1	23-JUL-2007 15:11:41	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28207	No
183	GOM_NL__2PRFIN20070723_151927_000000402060_00097_28207_1834.N1	23-JUL-2007 15:19:27	Bright	40.000	38	20Eps Sgr	1.8360	11000.	80	28207	No
184	GOM_NL__2PRFIN20070723_152122_000000392060_00097_28207_1835.N1	23-JUL-2007 15:21:22	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28207	No
185	GOM_NL__2PRFIN20070723_152242_000000362060_00097_28207_1836.N1	23-JUL-2007 15:22:42	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28207	No
186	GOM_NL__2PRFIN20070723_153040_000000352060_00097_28207_1837.N1	23-JUL-2007 15:30:40	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28207	No
187	GOM_NL__2PRFIN20070723_153259_000000352060_00097_28207_1838.N1	23-JUL-2007 15:32:59	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	28207	No
188	GOM_NL__2PRFIN20070723_153956_000000392060_00097_28207_1839.N1	23-JUL-2007 15:39:56	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28207	No
189	GOM_NL__2PRFIN20070723_154330_000000362060_00097_28207_1840.N1	23-JUL-2007 15:43:30	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	28207	No
190	GOM_NL__2PRFIN20070723_154706_000000352060_00097_28207_1841.N1	23-JUL-2007 15:47:06	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	28207	No
191	GOM_NL__2PRFIN20070723_155120_000000332060_00097_28207_1842.N1	23-JUL-2007 15:51:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28207	No
192	GOM_NL__2PRFIN20070723_155429_000000362060_00097_28207_1843.N1	23-JUL-2007 15:54:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28207	No
193	GOM_NL__2PRFIN20070723_160702_000000372060_00097_28207_1844.N1	23-JUL-2007 16:07:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28207	No
194	GOM_NL__2PRFIN20070723_161819_000000372060_00097_28207_1845.N1	23-JUL-2007 16:18:19	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	28207	No
195	GOM_NL__2PRFIN20070723_162014_000000372060_00097_28207_1846.N1	23-JUL-2007 16:20:14	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28207	No
196	GOM_NL__2PRFIN20070723_162232_000000362060_00097_28207_1847.N1	23-JUL-2007 16:22:32	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	28207	No
197	GOM_NL__2PRFIN20070723_162451_000000372060_00097_28207_1848.N1	23-JUL-2007 16:24:51	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	28207	No
198	GOM_NL__2PRFIN20070723_162912_000000402060_00097_28207_1849.N1	23-JUL-2007 16:29:12	Dark	39.500	108	Alp Col	2.6520	15200.	79	28207	No
199	GOM_NL__2PRFIN20070723_164103_000000402060_00098_28208_1851.N1	23-JUL-2007 16:41:03	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28208	No
200	GOM_NL__2PRFIN20070723_164416_000000372060_00098_28208_1852.N1	23-JUL-2007 16:44:16	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28208	No
201	GOM_NL__2PRFIN20070723_164842_000000422060_00098_28208_1853.N1	23-JUL-2007 16:48:42	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28208	No
202	GOM_NL__2PRFIN20070723_165217_000000402060_00098_28208_1854.N1	23-JUL-2007 16:52:17	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28208	No
203	GOM_NL__2PRFIN20070723_170003_000000412060_00098_28208_1855.N1	23-JUL-2007 17:00:03	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	28208	No
204	GOM_NL__2PRFIN20070723_170158_000000392060_00098_28208_1856.N1	23-JUL-2007 17:01:58	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28208	No
205	GOM_NL__2PRFIN20070723_170318_000000382060_00098_28208_1857.N1	23-JUL-2007 17:03:18	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28208	No
206	GOM_NL__2PRFIN20070723_171116_000000362060_00098_28208_1858.N1	23-JUL-2007 17:11:16	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28208	No
207	GOM_NL__2PRFIN20070723_171335_000000362060_00098_28208_1859.N1	23-JUL-2007 17:13:35	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28208	No
208	GOM_NL__2PRFIN20070723_172032_000000392060_00098_28208_1860.N1	23-JUL-2007 17:20:32	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28208	No
209	GOM_NL__2PRFIN20070723_172406_000000372060_00098_28208_1861.N1	23-JUL-2007 17:24:06	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28208	No
210	GOM_NL__2PRFIN20070723_172742_000000342060_00098_28208_1862.N1	23-JUL-2007 17:27:42	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	28208	No
211	GOM_NL__2PRFIN20070723_173156_000000332060_00098_28208_1863.N1	23-JUL-2007 17:31:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28208	No
212	GOM_NL__2PRFIN20070723_173505_000000362060_00098_28208_1864.N1	23-JUL-2007 17:35:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28208	No
213	GOM_NL__2PRFIN20070723_174739_000000382060_00098_28208_1865.N1	23-JUL-2007 17:47:39	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28208	No
214	GOM_NL__2PRFIN20070723_175855_000000372060_00098_28208_1866.N1	23-JUL-2007 17:58:55	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	28208	No
215	GOM_NL__2PRFIN20070723_180051_000000372060_00098_28208_1867.N1	23-JUL-2007 18:00:51	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28208	No
216	GOM_NL__2PRFIN20070723_180308_000000372060_00098_28208_1868.N1	23-JUL-2007 18:03:08	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	28208	No
217	GOM_NL__2PRFIN20070723_180528_000000382060_00098_28208_1869.N1	23-JUL-2007 18:05:28	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28208	No
218	GOM_NL__2PRFIN20070723_180948_000000392060_00098_28208_1870.N1	23-JUL-2007 18:09:48	Dark	39.000	108	Alp Col	2.6520	15200.	78	28208	No
219	GOM_NL__2PRFIN20070723_182140_000000402060_00099_28209_1858.N1	23-JUL-2007 18:21:40	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28209	No

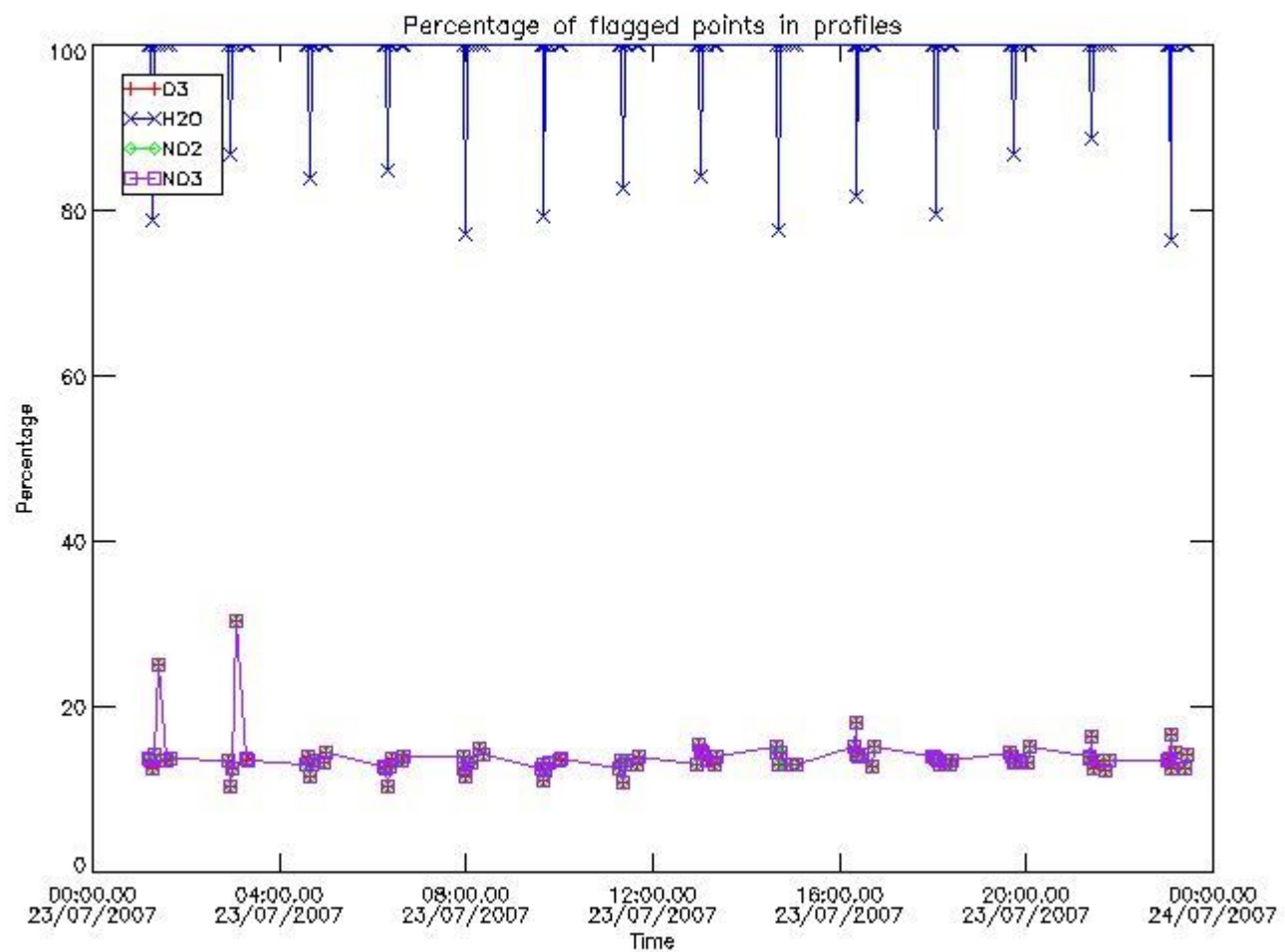
220	GOM_NL__2PRFIN20070723_182452_000000382060_00099_28209_1859.N1	23-JUL-2007 18:24:52	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28209	No
221	GOM_NL__2PRFIN20070723_182919_000000402060_00099_28209_1860.N1	23-JUL-2007 18:29:19	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28209	No
222	GOM_NL__2PRFIN20070723_183253_000000402060_00099_28209_1861.N1	23-JUL-2007 18:32:53	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28209	No
223	GOM_NL__2PRFIN20070723_184039_000000392060_00099_28209_1862.N1	23-JUL-2007 18:40:39	Bright	38.500	38	20Eps Sgr	1.8360	11000.	77	28209	No
224	GOM_NL__2PRFIN20070723_184234_000000382060_00099_28209_1863.N1	23-JUL-2007 18:42:34	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28209	No
225	GOM_NL__2PRFIN20070723_184354_000000392060_00099_28209_1864.N1	23-JUL-2007 18:43:54	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28209	No
226	GOM_NL__2PRFIN20070723_185152_000000382060_00099_28209_1865.N1	23-JUL-2007 18:51:52	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28209	No
227	GOM_NL__2PRFIN20070723_185411_000000352060_00099_28209_1866.N1	23-JUL-2007 18:54:11	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	28209	No
228	GOM_NL__2PRFIN20070723_190108_000000382060_00099_28209_1867.N1	23-JUL-2007 19:01:08	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28209	No
229	GOM_NL__2PRFIN20070723_190442_000000382060_00099_28209_1868.N1	23-JUL-2007 19:04:42	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28209	No
230	GOM_NL__2PRFIN20070723_190818_000000372060_00099_28209_1869.N1	23-JUL-2007 19:08:18	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28209	No
231	GOM_NL__2PRFIN20070723_191232_000000352060_00099_28209_1870.N1	23-JUL-2007 19:12:32	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28209	No
232	GOM_NL__2PRFIN20070723_191541_000000372060_00099_28209_1871.N1	23-JUL-2007 19:15:41	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28209	No
233	GOM_NL__2PRFIN20070723_192815_000000452060_00099_28209_1872.N1	23-JUL-2007 19:28:15	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	28209	No
234	GOM_NL__2PRFIN20070723_193931_000000352060_00099_28209_1873.N1	23-JUL-2007 19:39:31	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	28209	No
235	GOM_NL__2PRFIN20070723_194127_000000372060_00099_28209_1874.N1	23-JUL-2007 19:41:27	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28209	No
236	GOM_NL__2PRFIN20070723_194344_000000392060_00099_28209_1875.N1	23-JUL-2007 19:43:44	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	28209	No
237	GOM_NL__2PRFIN20070723_194604_000000392060_00099_28209_1876.N1	23-JUL-2007 19:46:04	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28209	No
238	GOM_NL__2PRFIN20070723_195025_000000382060_00099_28209_1877.N1	23-JUL-2007 19:50:25	Dark	37.500	108	Alp Col	2.6520	15200.	75	28209	No
239	GOM_NL__2PRFIN20070723_200216_000000392060_00100_28210_1870.N1	23-JUL-2007 20:02:16	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28210	No
240	GOM_NL__2PRFIN20070723_200529_000000372060_00100_28210_1871.N1	23-JUL-2007 20:05:29	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28210	No
241	GOM_NL__2PRFIN20070723_200955_000000402060_00100_28210_1872.N1	23-JUL-2007 20:09:55	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28210	No
242	GOM_NL__2PRFIN20070723_201330_000000382060_00100_28210_1873.N1	23-JUL-2007 20:13:30	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28210	No
243	GOM_NL__2PRFIN20070723_202115_000000442060_00100_28210_1874.N1	23-JUL-2007 20:21:15	Bright	44.000	38	20Eps Sgr	1.8360	11000.	88	28210	No
244	GOM_NL__2PRFIN20070723_202310_000000382060_00100_28210_1875.N1	23-JUL-2007 20:23:10	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28210	No
245	GOM_NL__2PRFIN20070723_202430_000000382060_00100_28210_1876.N1	23-JUL-2007 20:24:30	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28210	No
246	GOM_NL__2PRFIN20070723_203229_000000372060_00100_28210_1877.N1	23-JUL-2007 20:32:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	28210	No
247	GOM_NL__2PRFIN20070723_203447_000000342060_00100_28210_1878.N1	23-JUL-2007 20:34:47	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	28210	No
248	GOM_NL__2PRFIN20070723_204143_000000342060_00100_28210_1879.N1	23-JUL-2007 20:41:43	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28210	No
249	GOM_NL__2PRFIN20070723_204518_000000382060_00100_28210_1880.N1	23-JUL-2007 20:45:18	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28210	No
250	GOM_NL__2PRFIN20070723_204854_000000382060_00100_28210_1881.N1	23-JUL-2007 20:48:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	28210	No
251	GOM_NL__2PRFIN20070723_205309_000000372060_00100_28210_1882.N1	23-JUL-2007 20:53:09	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28210	No
252	GOM_NL__2PRFIN20070723_205617_000000372060_00100_28210_1883.N1	23-JUL-2007 20:56:17	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28210	No
253	GOM_NL__2PRFIN20070723_210851_000000402060_00100_28210_1884.N1	23-JUL-2007 21:08:51	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	28210	No
254	GOM_NL__2PRFIN20070723_212007_000000372060_00100_28210_1885.N1	23-JUL-2007 21:20:07	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	28210	No
255	GOM_NL__2PRFIN20070723_212203_000000372060_00100_28210_1886.N1	23-JUL-2007 21:22:03	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28210	No
256	GOM_NL__2PRFIN20070723_212420_000000412060_00100_28210_1887.N1	23-JUL-2007 21:24:20	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28210	No
257	GOM_NL__2PRFIN20070723_212640_000000412060_00100_28210_1888.N1	23-JUL-2007 21:26:40	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28210	No
258	GOM_NL__2PRFIN20070723_213101_000000382060_00100_28210_1889.N1	23-JUL-2007 21:31:01	Dark	38.000	108	Alp Col	2.6520	15200.	76	28210	No
259	GOM_NL__2PRFIN20070723_214253_000000422060_00101_28211_1878.N1	23-JUL-2007 21:42:53	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28211	No
260	GOM_NL__2PRFIN20070723_214605_000000382060_00101_28211_1879.N1	23-JUL-2007 21:46:05	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28211	No
261	GOM_NL__2PRFIN20070723_215031_000000432060_00101_28211_1880.N1	23-JUL-2007 21:50:31	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28211	No
262	GOM_NL__2PRFIN20070723_215406_000000382060_00101_28211_1881.N1	23-JUL-2007 21:54:06	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28211	No
263	GOM_NL__2PRFIN20070723_220151_000000402060_00101_28211_1882.N1	23-JUL-2007 22:01:51	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	28211	No
264	GOM_NL__2PRFIN20070723_220346_000000392060_00101_28211_1883.N1	23-JUL-2007 22:03:46	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28211	No
265	GOM_NL__2PRFIN20070723_220506_000000372060_00101_28211_1884.N1	23-JUL-2007 22:05:06	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	28211	No
266	GOM_NL__2PRFIN20070723_221305_000000362060_00101_28211_1885.N1	23-JUL-2007 22:13:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	28211	No
267	GOM_NL__2PRFIN20070723_221523_000000372060_00101_28211_1886.N1	23-JUL-2007 22:15:23	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28211	No
268	GOM_NL__2PRFIN20070723_222219_000000372060_00101_28211_1887.N1	23-JUL-2007 22:22:19	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28211	No
269	GOM_NL__2PRFIN20070723_222554_000000332060_00101_28211_1888.N1	23-JUL-2007 22:25:54	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	28211	No
270	GOM_NL__2PRFIN20070723_222931_000000362060_00101_28211_1889.N1	23-JUL-2007 22:29:31	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28211	No
271	GOM_NL__2PRFIN20070723_223345_000000362060_00101_28211_1890.N1	23-JUL-2007 22:33:45	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28211	No
272	GOM_NL__2PRFIN20070723_223653_000000362060_00101_28211_1891.N1	23-JUL-2007 22:36:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28211	No
273	GOM_NL__2PRFIN20070723_224926_000000392060_00101_28211_1892.N1	23-JUL-2007 22:49:26	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	28211	No
274	GOM_NL__2PRFIN20070723_230044_000000382060_00101_28211_1893.N1	23-JUL-2007 23:00:44	Dark	37.500	27	24Gam Ori	1.6360	26000.	75	28211	No
275	GOM_NL__2PRFIN20070723_230239_000000372060_00101_28211_1894.N1	23-JUL-2007 23:02:39	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28211	No
276	GOM_NL__2PRFIN20070723_230457_000000432060_00101_28211_1895.N1	23-JUL-2007 23:04:57	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28211	No
277	GOM_NL__2PRFIN20070723_230716_000000402060_00101_28211_1896.N1	23-JUL-2007 23:07:16	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28211	No
278	GOM_NL__2PRFIN20070723_231137_000000392060_00101_28211_1897.N1	23-JUL-2007 23:11:37	Dark	38.500	108	Alp Col	2.6520	15200.	77	28211	No

279	GOM_NL__2PRFIN20070723_232329_000000412060_00102_28212_1881.N1	23-JUL-2007 23:23:29	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28212	No
280	GOM_NL__2PRFIN20070723_232641_000000362060_00102_28212_1882.N1	23-JUL-2007 23:26:41	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28212	No
281	GOM_NL__2PRFIN20070723_233108_000000452060_00102_28212_1883.N1	23-JUL-2007 23:31:08	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	28212	No
282	GOM_NL__2PRFIN20070723_233442_000000392060_00102_28212_1884.N1	23-JUL-2007 23:34:42	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28212	No
283	GOM_NL__2PRFIN20070723_234228_000000432060_00102_28212_1885.N1	23-JUL-2007 23:42:28	Bright	42.500	38	20Eps Sgr	1.8360	11000.	85	28212	No
284	GOM_NL__2PRFIN20070723_234422_000000382060_00102_28212_1886.N1	23-JUL-2007 23:44:22	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28212	No
285	GOM_NL__2PRFIN20070723_234542_000000382060_00102_28212_1887.N1	23-JUL-2007 23:45:42	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28212	No
286	GOM_NL__2PRFIN20070723_235341_000000382060_00102_28212_1888.N1	23-JUL-2007 23:53:41	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28212	No
287	GOM_NL__2PRFIN20070723_235559_000000362060_00102_28212_1889.N1	23-JUL-2007 23:55:59	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28212	No

### 3. Quality information per product

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

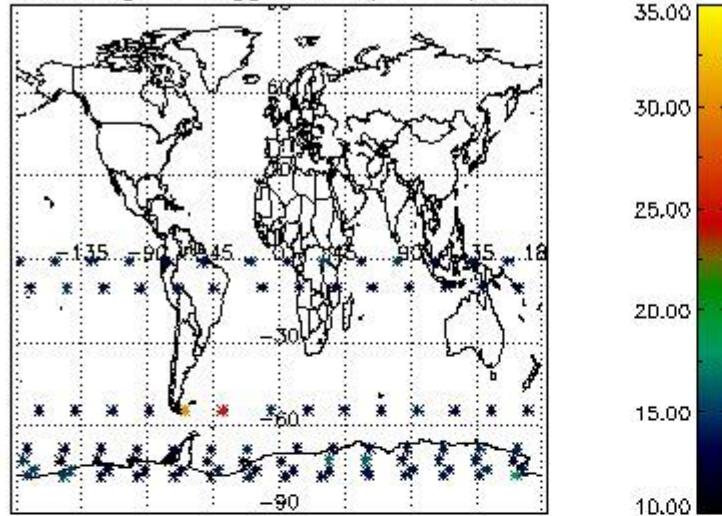
#### 3.1 Plot quality information per product (time dependant)



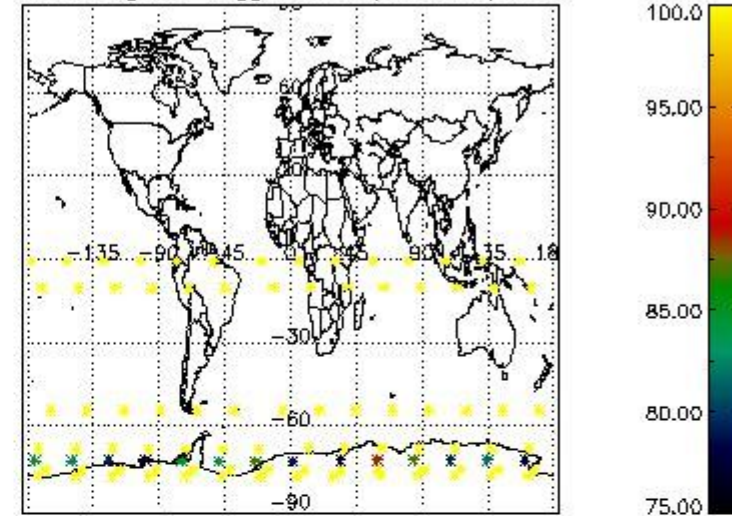
#### 3.2 Plot quality information per product (world map)



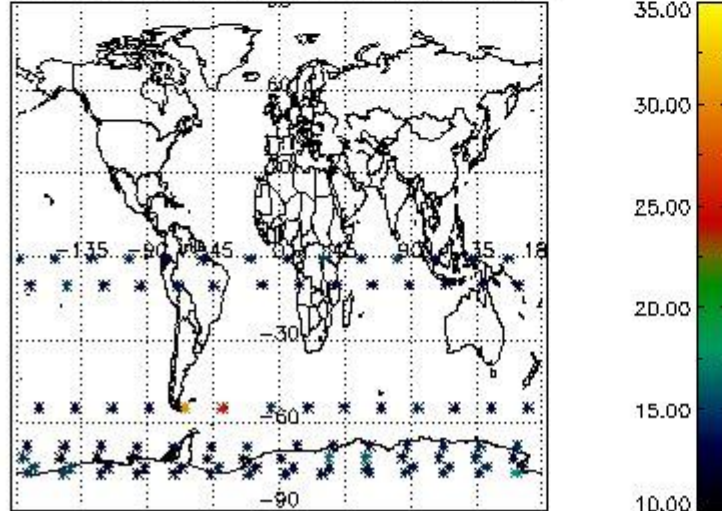
Percentage of flagged data per O3 profile



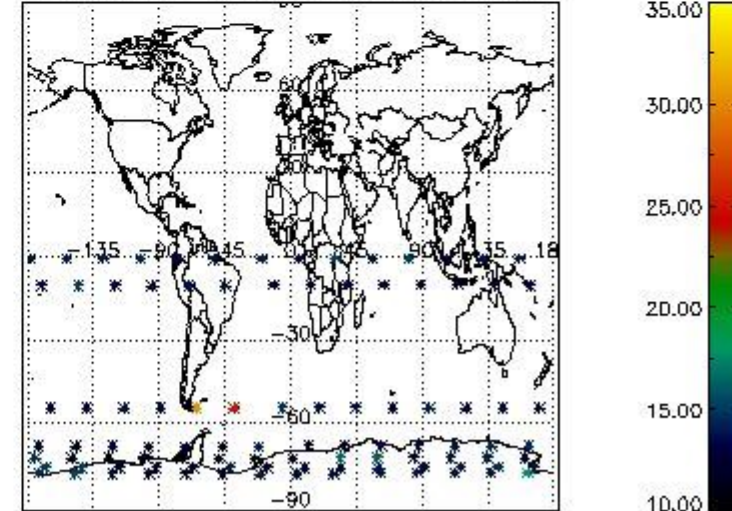
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



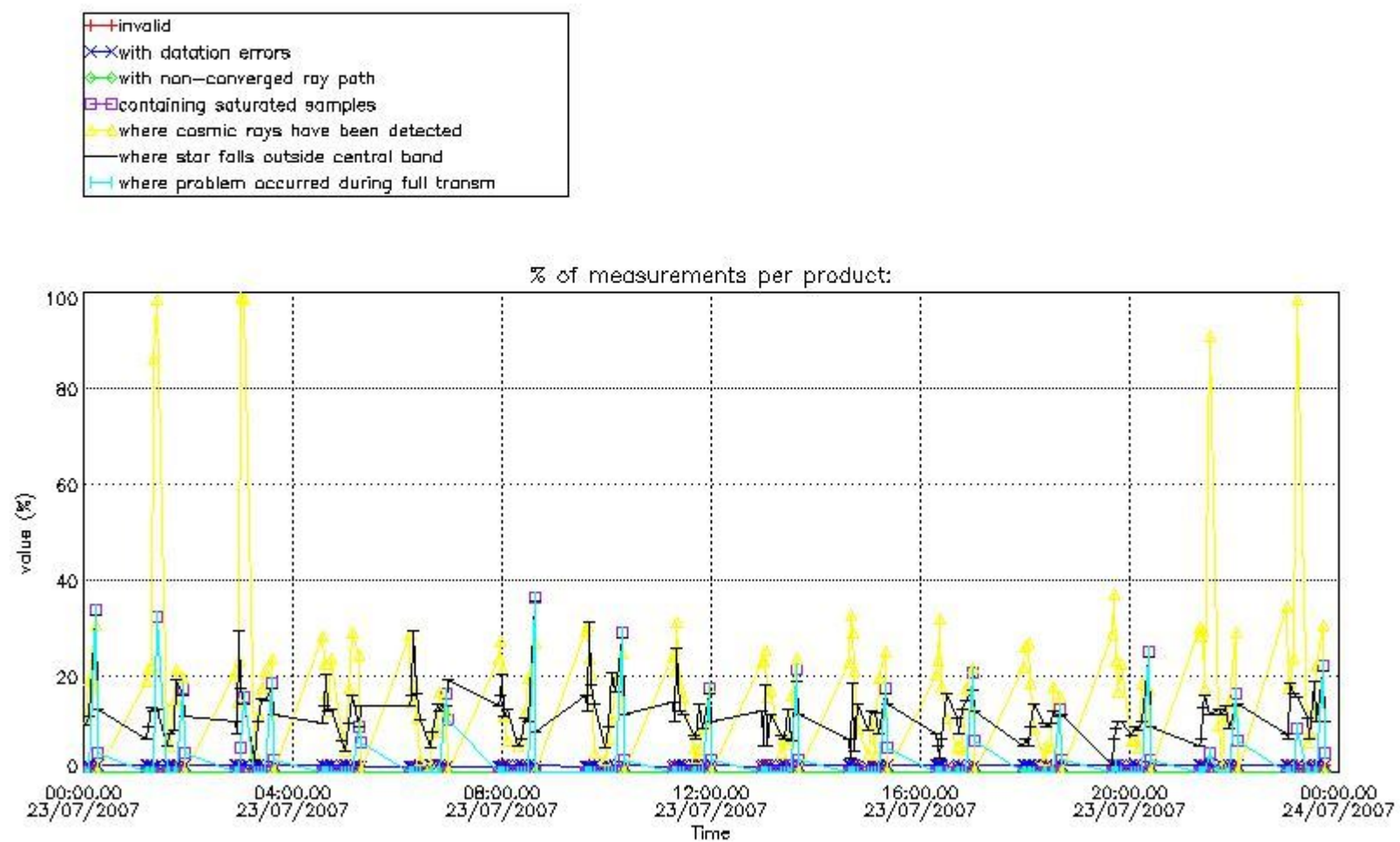
#### 4. Level 1 quality information per product

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

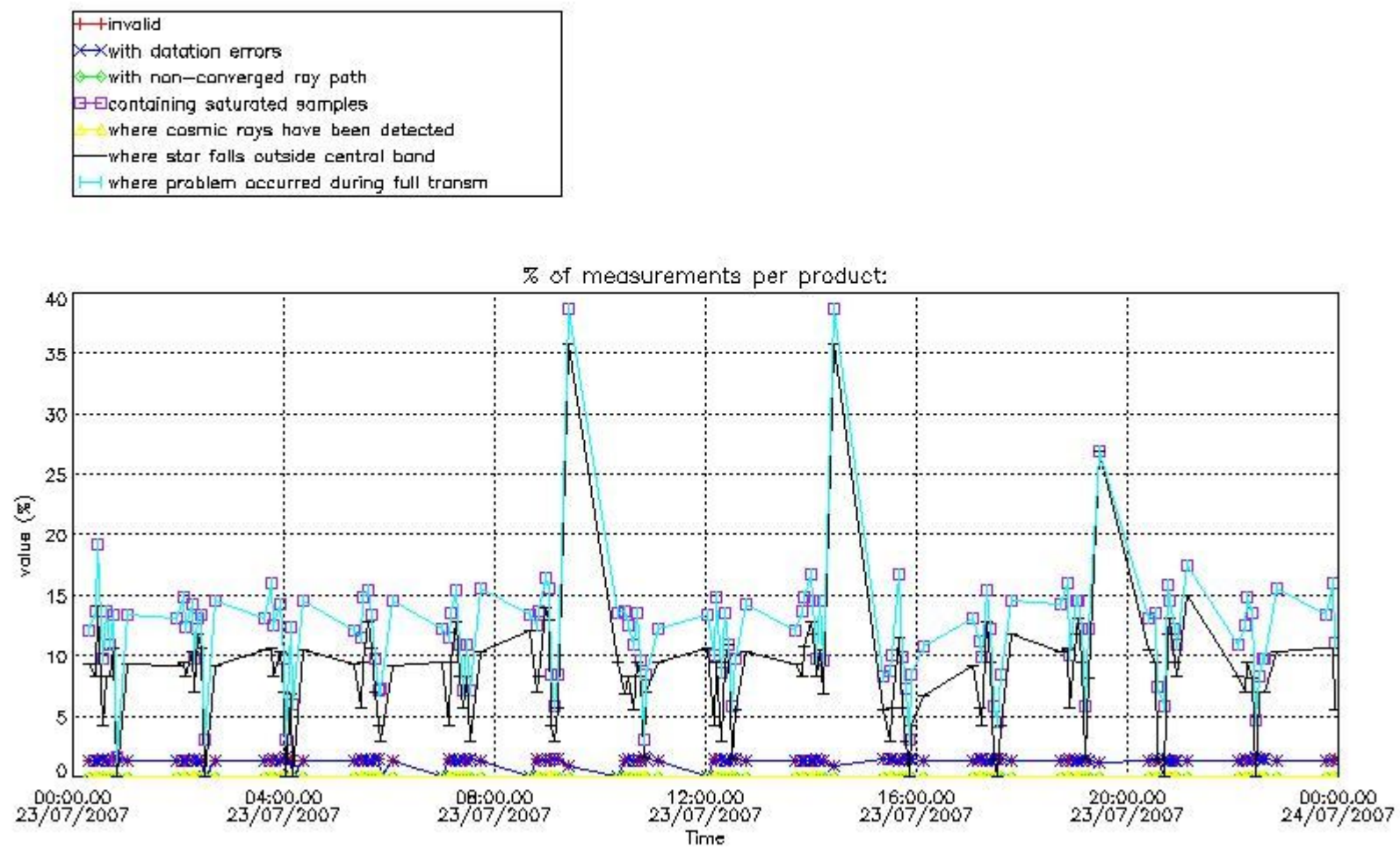
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





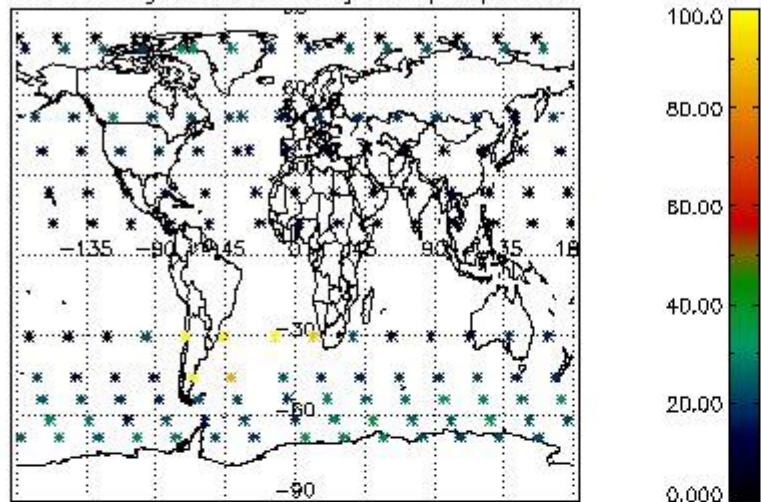
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



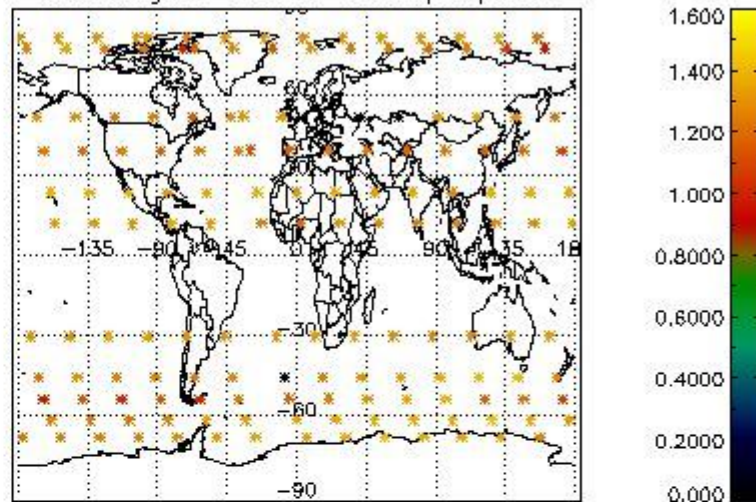
4.2 Plot quality information per product coming from level 1b processing (world map)

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

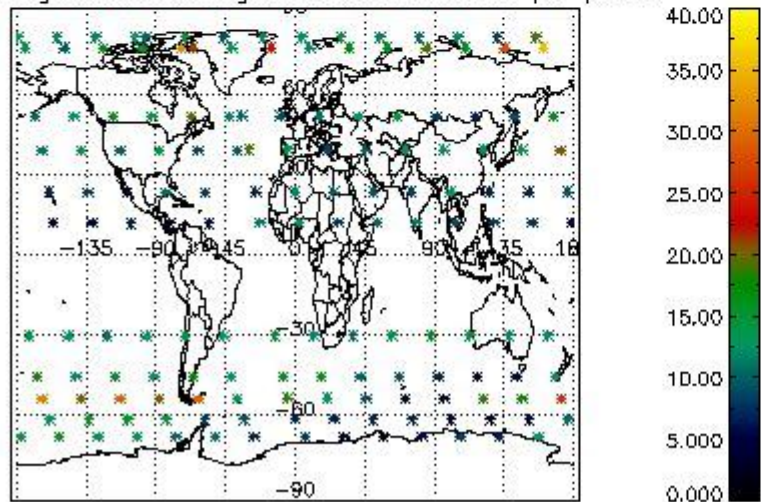
Percentage of cosmic ray hits per profile



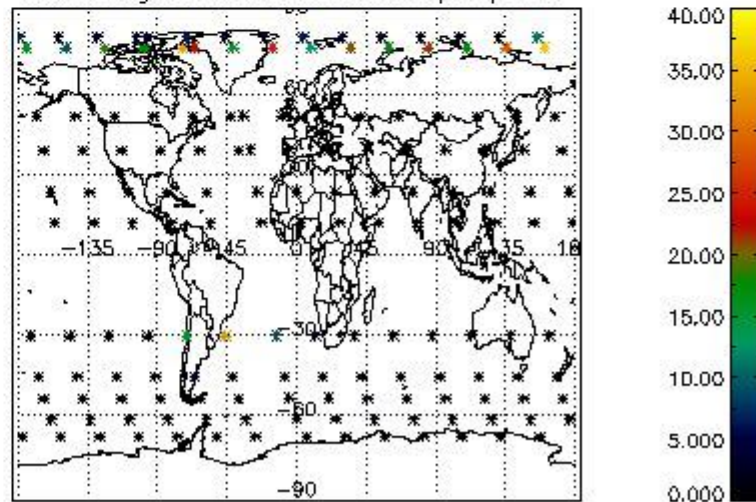
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

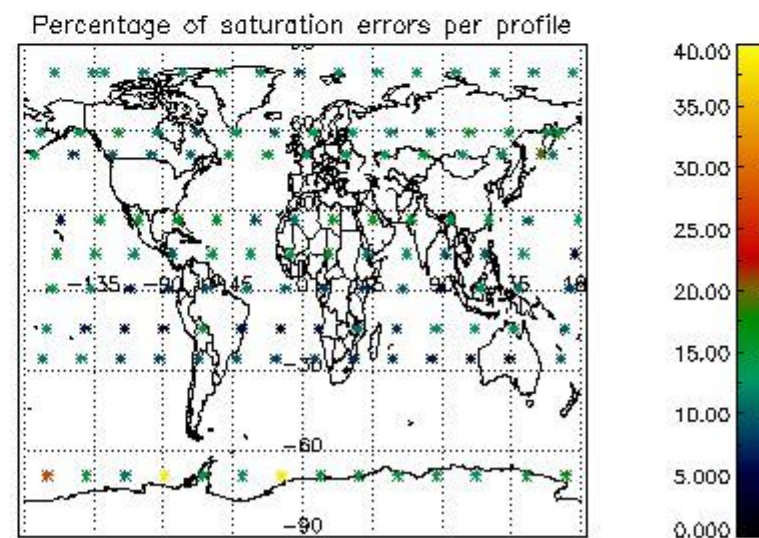
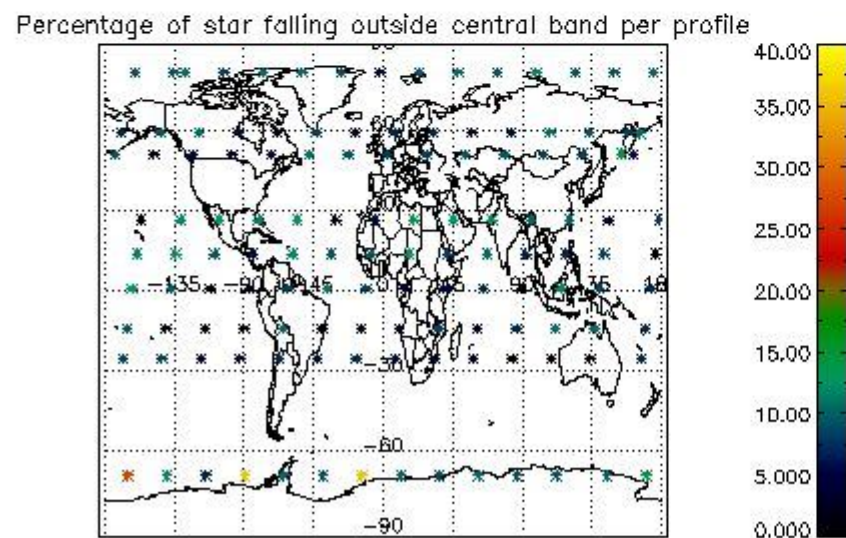
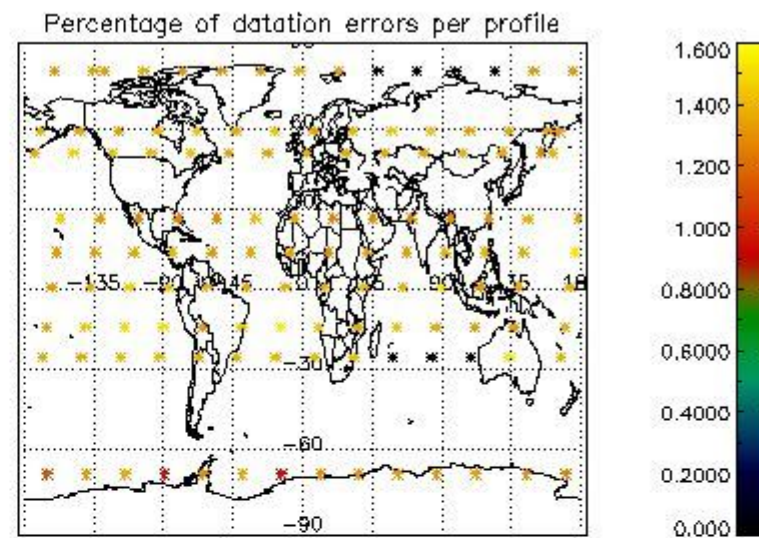
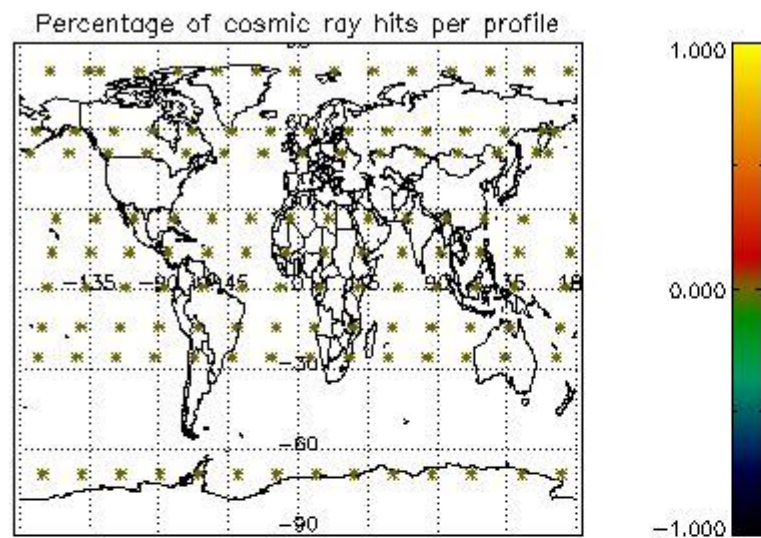


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

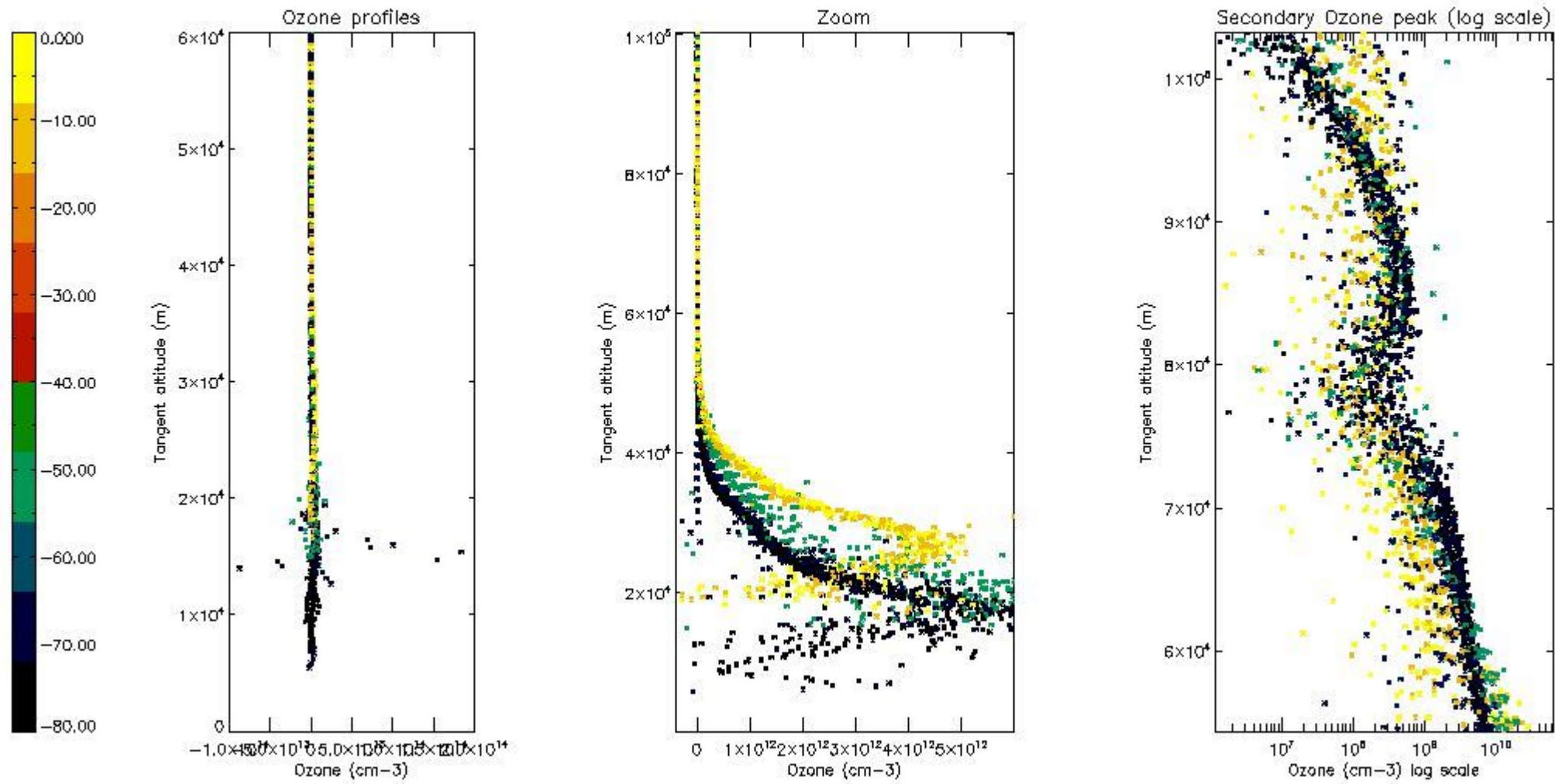
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	20

STD < 10	15
STD < 5	10

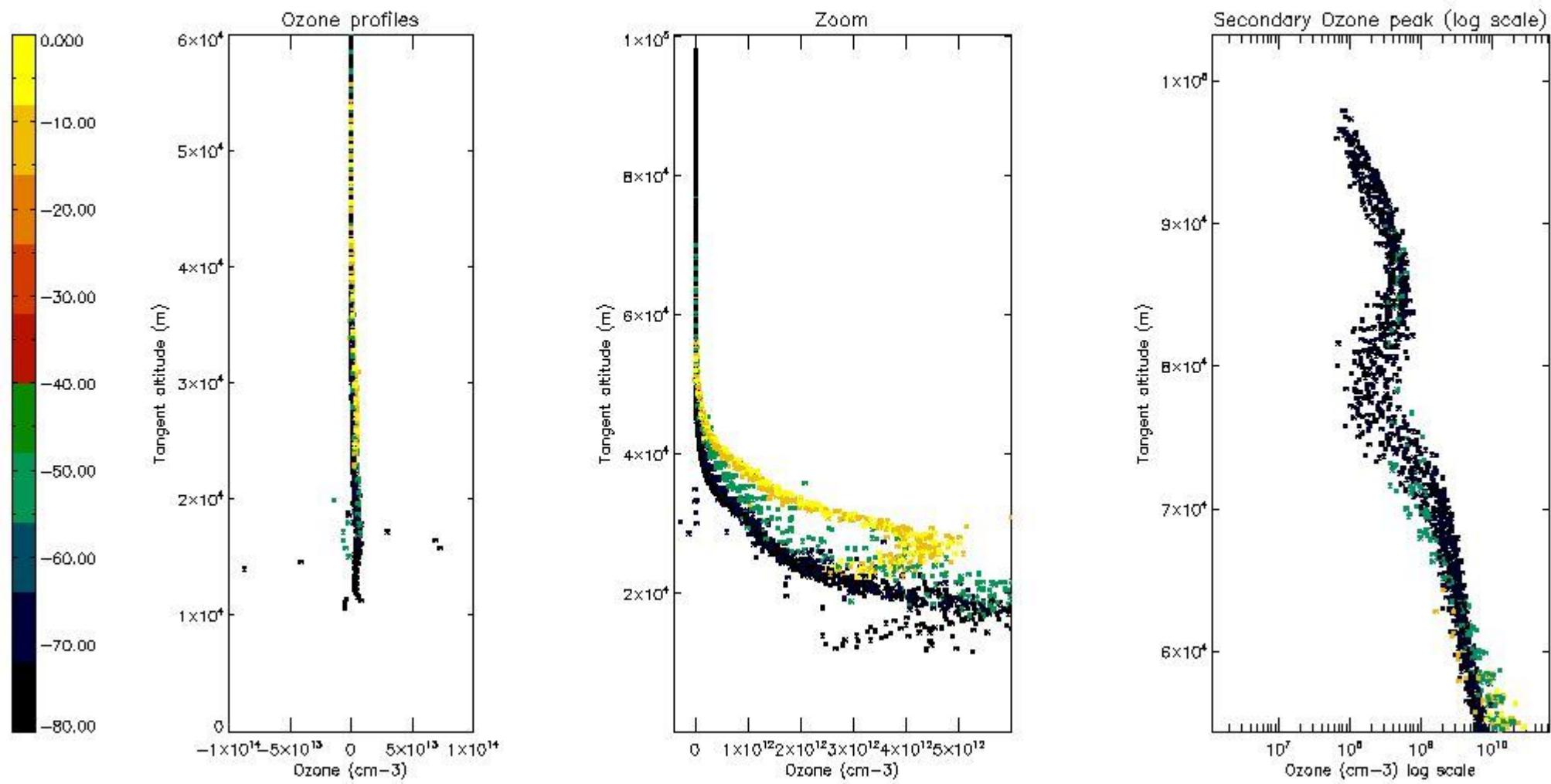
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

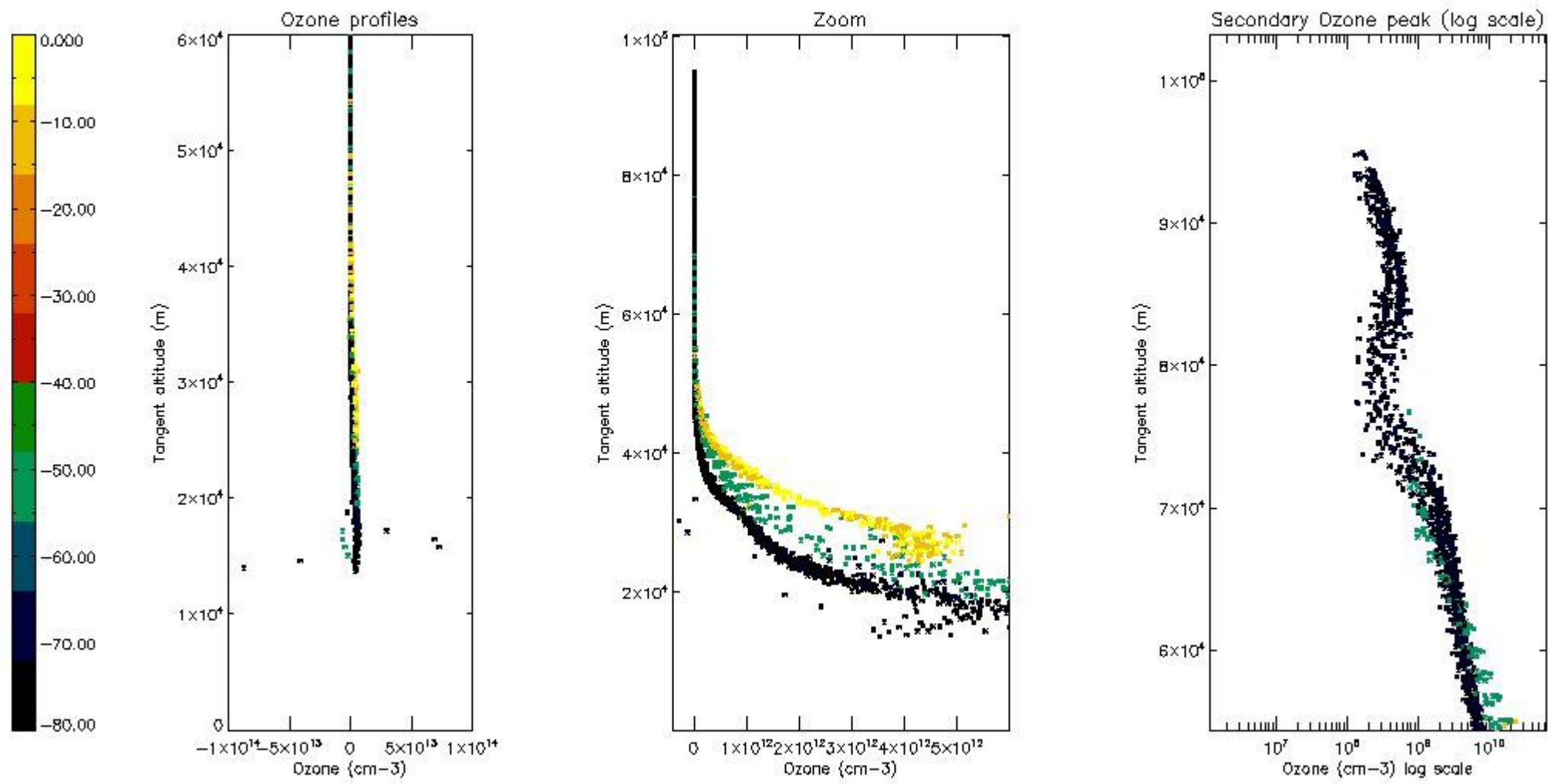
The colorbar represents the latitude.



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

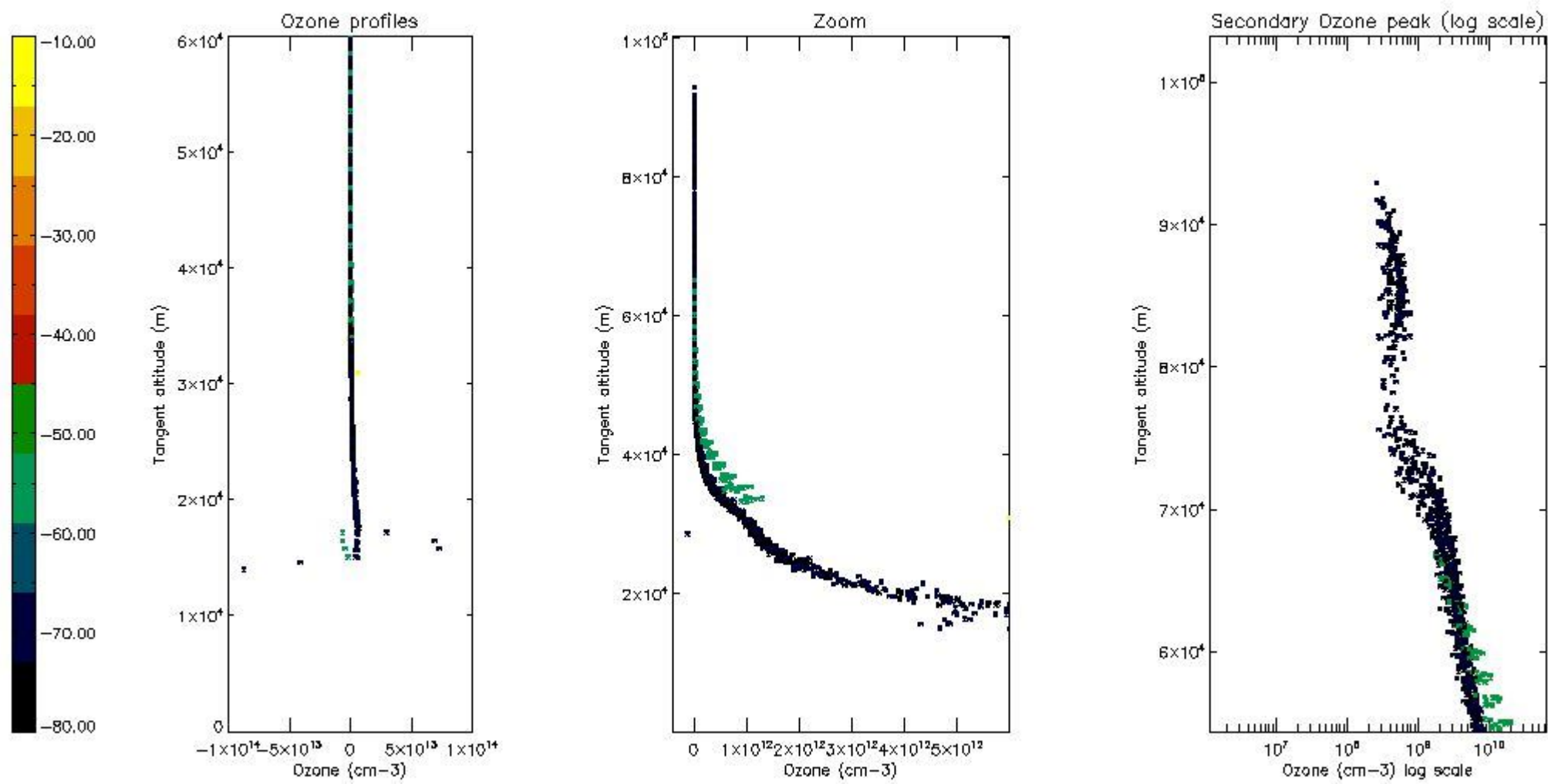
The colorbar represents the latitude.





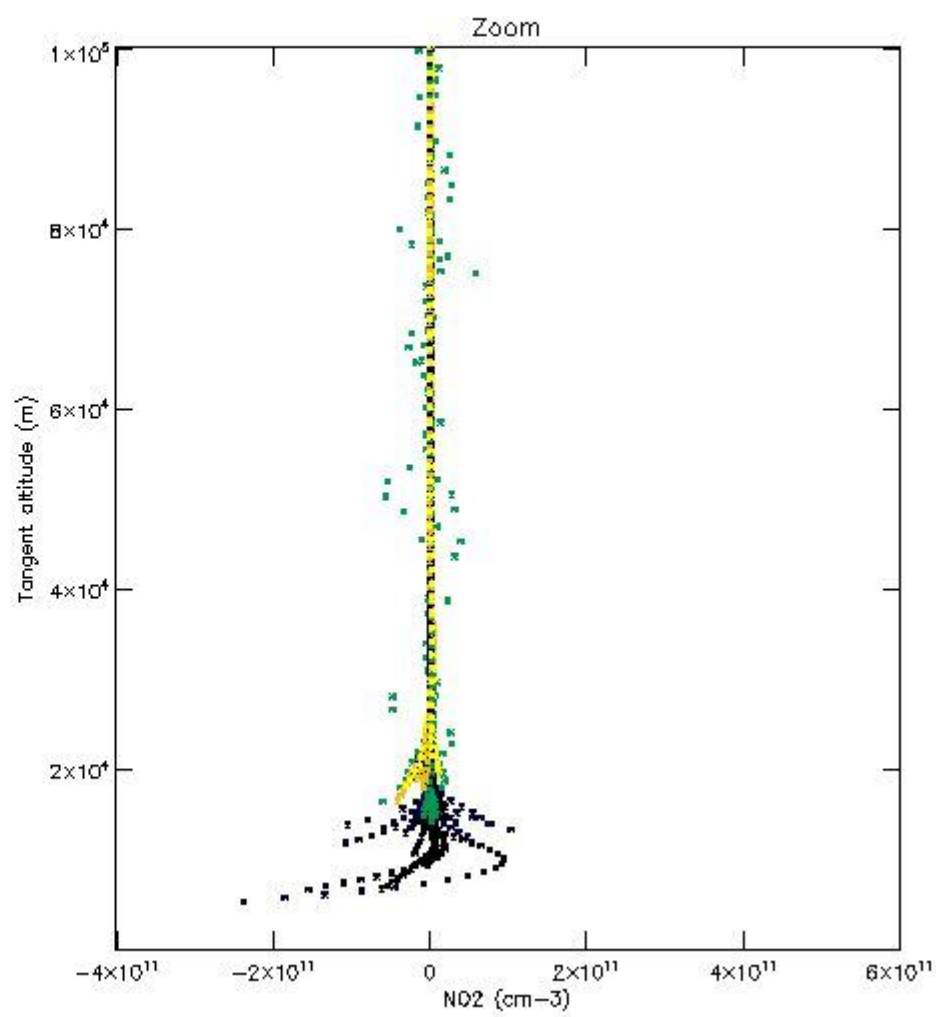
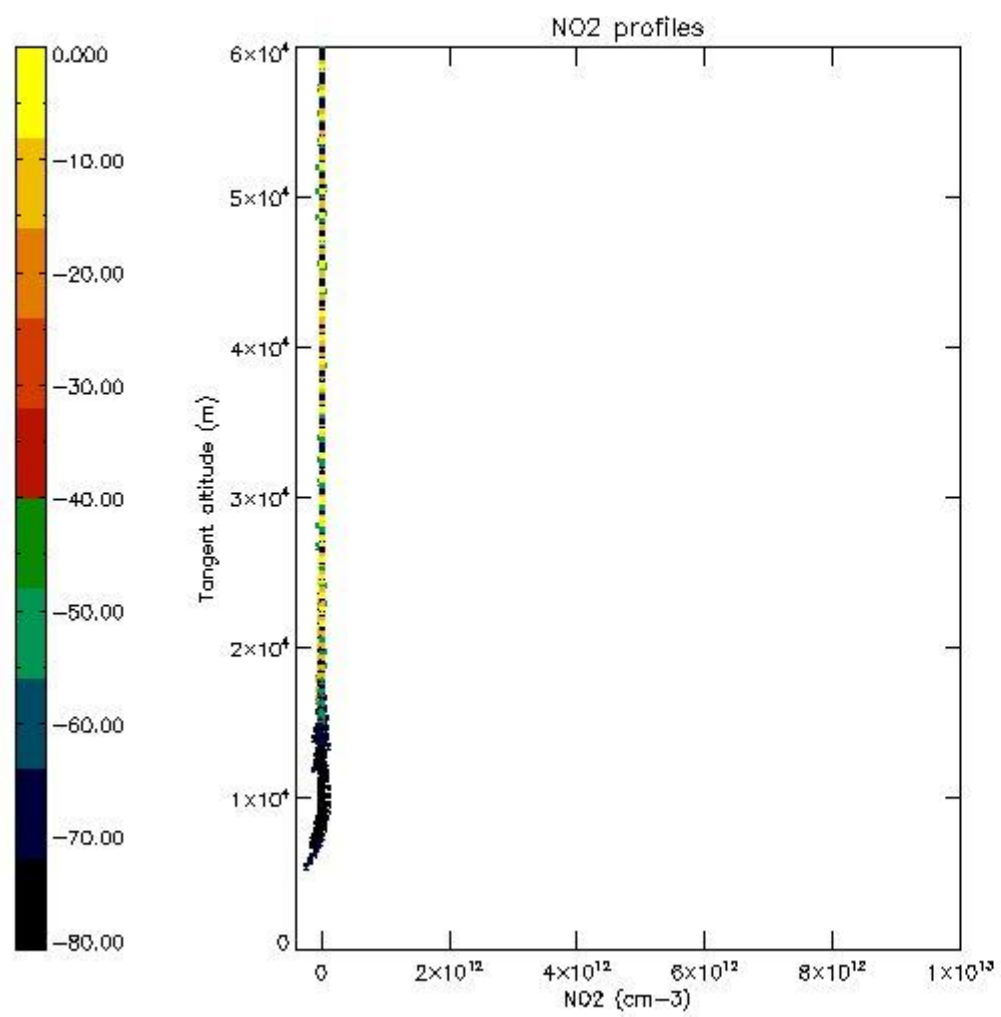
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

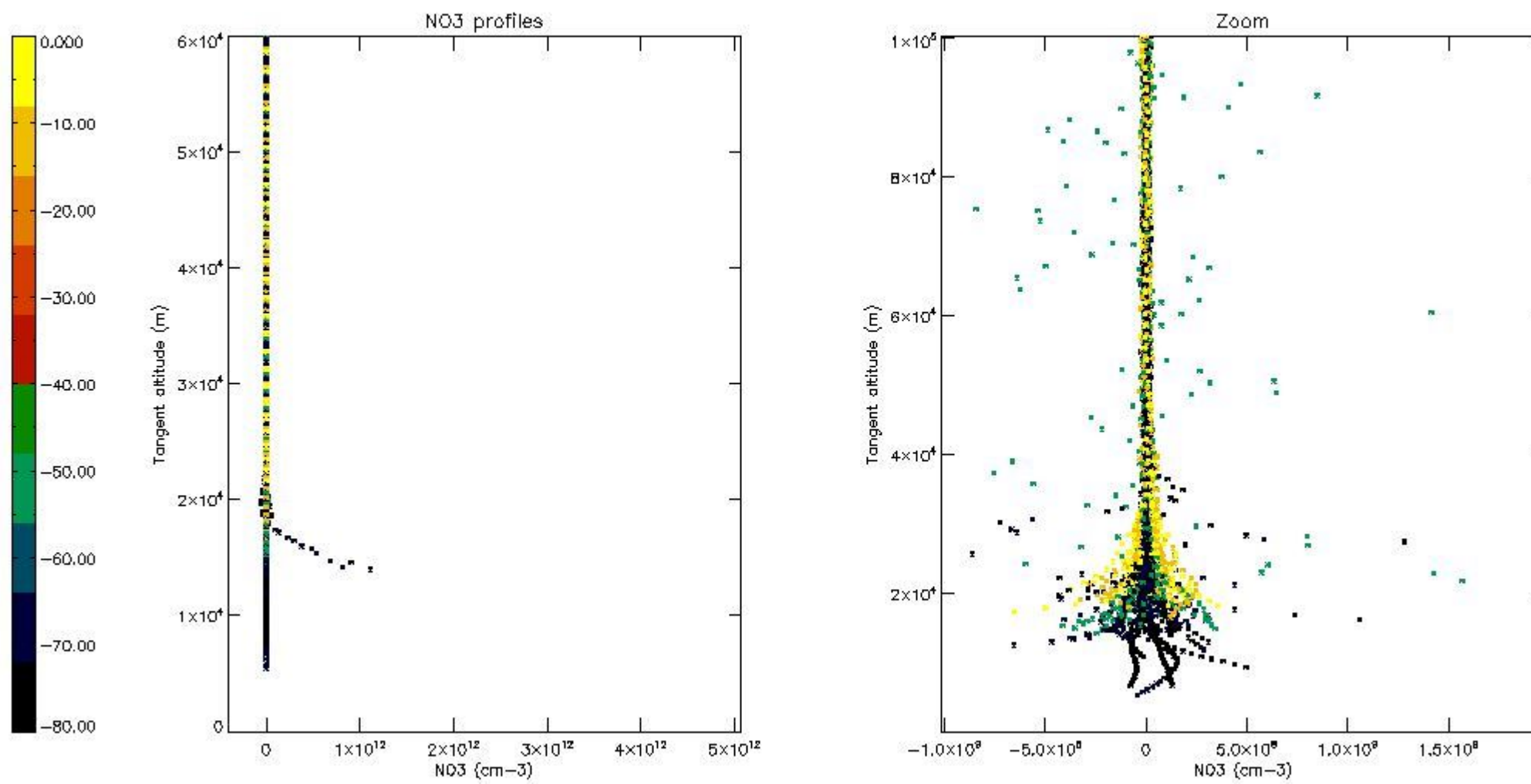
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JUL-2007 00:02:38
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUL-2007 00:02:38
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUL-2007 00:02:38

# GOMOS Level 2 Daily Report

## SUMMARY

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#### [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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### [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	22APR2013 22:06:40
Data source version	GOMOS/6.01
Start time of products	23-07-2007 (23JUL2007 00:00:00)
Stop time of products	24-07-2007 (24JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	287
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__2PRFIN20070723_000238_000000412060_00088_28198_1625.N1	23-JUL-2007 00:02:38	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28198	No
2	GOM_NL__2PRFIN20070723_000614_000000392060_00088_28198_1626.N1	23-JUL-2007 00:06:14	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	28198	No
3	GOM_NL__2PRFIN20070723_001402_000000512060_00088_28198_1627.N1	23-JUL-2007 00:14:02	Bright	50.500	38	20Eps Sgr	1.8360	11000.	101	28198	No
4	GOM_NL__2PRFIN20070723_001556_000000392060_00088_28198_1628.N1	23-JUL-2007 00:15:56	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28198	No
5	GOM_NL__2PRFIN20070723_001717_000000382060_00088_28198_1629.N1	23-JUL-2007 00:17:17	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28198	No
6	GOM_NL__2PRFIN20070723_002515_000000372060_00088_28198_1630.N1	23-JUL-2007 00:25:15	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28198	No
7	GOM_NL__2PRFIN20070723_002733_000000392060_00088_28198_1631.N1	23-JUL-2007 00:27:33	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	28198	No
8	GOM_NL__2PRFIN20070723_003433_000000362060_00088_28198_1632.N1	23-JUL-2007 00:34:33	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	28198	No
9	GOM_NL__2PRFIN20070723_003806_000000372060_00088_28198_1633.N1	23-JUL-2007 00:38:06	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28198	No
10	GOM_NL__2PRFIN20070723_004140_000000372060_00088_28198_1634.N1	23-JUL-2007 00:41:40	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28198	No
11	GOM_NL__2PRFIN20070723_004554_000000382060_00088_28198_1635.N1	23-JUL-2007 00:45:54	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	28198	No
12	GOM_NL__2PRFIN20070723_004905_000000332060_00088_28198_1636.N1	23-JUL-2007 00:49:05	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28198	No
13	GOM_NL__2PRFIN20070723_010138_000000382060_00088_28198_1637.N1	23-JUL-2007 01:01:38	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	28198	No
14	GOM_NL__2PRFIN20070723_011253_000000372060_00088_28198_1638.N1	23-JUL-2007 01:12:53	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	28198	No
15	GOM_NL__2PRFIN20070723_011449_000000382060_00088_28198_1639.N1	23-JUL-2007 01:14:49	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28198	No
16	GOM_NL__2PRFIN20070723_011705_000000412060_00088_28198_1640.N1	23-JUL-2007 01:17:05	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28198	No
17	GOM_NL__2PRFIN20070723_011926_000000402060_00088_28198_1641.N1	23-JUL-2007 01:19:26	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28198	No
18	GOM_NL__2PRFIN20070723_012347_000000392060_00088_28198_1642.N1	23-JUL-2007 01:23:47	Dark	38.500	108	Alp Col	2.6520	15200.	77	28198	No
19	GOM_NL__2PRFIN20070723_013535_000000382060_00089_28199_1634.N1	23-JUL-2007 01:35:35	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28199	No
20	GOM_NL__2PRFIN20070723_013850_000000372060_00089_28199_1635.N1	23-JUL-2007 01:38:50	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28199	No
21	GOM_NL__2PRFIN20070723_014314_000000402060_00089_28199_1636.N1	23-JUL-2007 01:43:14	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28199	No
22	GOM_NL__2PRFIN20070723_014651_000000442060_00089_28199_1637.N1	23-JUL-2007 01:46:51	Straylight	44.000	45	Alp Pav	1.9400	26000.	88	28199	No
23	GOM_NL__2PRFIN20070723_015438_000000412060_00089_28199_1638.N1	23-JUL-2007 01:54:38	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	28199	No
24	GOM_NL__2PRFIN20070723_015633_000000392060_00089_28199_1639.N1	23-JUL-2007 01:56:33	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28199	No
25	GOM_NL__2PRFIN20070723_015753_000000382060_00089_28199_1640.N1	23-JUL-2007 01:57:53	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28199	No
26	GOM_NL__2PRFIN20070723_020551_000000372060_00089_28199_1641.N1	23-JUL-2007 02:05:51	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	28199	No
27	GOM_NL__2PRFIN20070723_020809_000000372060_00089_28199_1642.N1	23-JUL-2007 02:08:09	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28199	No
28	GOM_NL__2PRFIN20070723_021509_000000392060_00089_28199_1643.N1	23-JUL-2007 02:15:09	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28199	No
29	GOM_NL__2PRFIN20070723_021842_000000362060_00089_28199_1644.N1	23-JUL-2007 02:18:42	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28199	No
30	GOM_NL__2PRFIN20070723_022216_000000382060_00089_28199_1645.N1	23-JUL-2007 02:22:16	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	28199	No
31	GOM_NL__2PRFIN20070723_022630_000000382060_00089_28199_1646.N1	23-JUL-2007 02:26:30	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	28199	No
32	GOM_NL__2PRFIN20070723_022941_000000332060_00089_28199_1647.N1	23-JUL-2007 02:29:41	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28199	No
33	GOM_NL__2PRFIN20070723_024214_000000382060_00089_28199_1648.N1	23-JUL-2007 02:42:14	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28199	No
34	GOM_NL__2PRFIN20070723_025329_000000382060_00089_28199_1649.N1	23-JUL-2007 02:53:29	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	28199	No
35	GOM_NL__2PRFIN20070723_025525_000000382060_00089_28199_1650.N1	23-JUL-2007 02:55:25	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28199	No
36	GOM_NL__2PRFIN20070723_025742_000000502060_00089_28199_1651.N1	23-JUL-2007 02:57:42	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	28199	No
37	GOM_NL__2PRFIN20070723_030002_000000412060_00089_28199_1652.N1	23-JUL-2007 03:00:02	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28199	No
38	GOM_NL__2PRFIN20070723_030423_000000392060_00089_28199_1653.N1	23-JUL-2007 03:04:23	Dark	38.500	108	Alp Col	2.6520	15200.	77	28199	No
39	GOM_NL__2PRFIN20070723_031611_000000372060_00090_28200_1650.N1	23-JUL-2007 03:16:11	Dark	37.000	143	Alp Hyi	2.8570	7200.0	74	28200	No
40	GOM_NL__2PRFIN20070723_031926_000000382060_00090_28200_1651.N1	23-JUL-2007 03:19:26	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28200	No
41	GOM_NL__2PRFIN20070723_032351_000000432060_00090_28200_1652.N1	23-JUL-2007 03:23:51	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28200	No
42	GOM_NL__2PRFIN20070723_032727_000000412060_00090_28200_1653.N1	23-JUL-2007 03:27:27	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	28200	No



43	GOM_NL__2PRFIN20070723_033514_000000412060_00090_28200_1654.N1	23-JUL-2007 03:35:14	Bright	40.500	38	20Eps Sgr	1.8360	11000.	81	28200	No
44	GOM_NL__2PRFIN20070723_033709_000000382060_00090_28200_1655.N1	23-JUL-2007 03:37:09	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28200	No
45	GOM_NL__2PRFIN20070723_033829_000000382060_00090_28200_1656.N1	23-JUL-2007 03:38:29	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28200	No
46	GOM_NL__2PRFIN20070723_034627_000000382060_00090_28200_1657.N1	23-JUL-2007 03:46:27	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28200	No
47	GOM_NL__2PRFIN20070723_034846_000000362060_00090_28200_1658.N1	23-JUL-2007 03:48:46	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28200	No
48	GOM_NL__2PRFIN20070723_035545_000000392060_00090_28200_1659.N1	23-JUL-2007 03:55:45	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28200	No
49	GOM_NL__2PRFIN20070723_035918_000000362060_00090_28200_1660.N1	23-JUL-2007 03:59:18	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28200	No
50	GOM_NL__2PRFIN20070723_040252_000000332060_00090_28200_1661.N1	23-JUL-2007 04:02:52	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	28200	No
51	GOM_NL__2PRFIN20070723_040707_000000372060_00090_28200_1662.N1	23-JUL-2007 04:07:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28200	No
52	GOM_NL__2PRFIN20070723_041017_000000342060_00090_28200_1663.N1	23-JUL-2007 04:10:17	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28200	No
53	GOM_NL__2PRFIN20070723_042250_000000382060_00090_28200_1664.N1	23-JUL-2007 04:22:50	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28200	No
54	GOM_NL__2PRFIN20070723_043405_000000392060_00090_28200_1665.N1	23-JUL-2007 04:34:05	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	28200	No
55	GOM_NL__2PRFIN20070723_043601_000000402060_00090_28200_1666.N1	23-JUL-2007 04:36:01	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28200	No
56	GOM_NL__2PRFIN20070723_043818_000000442060_00090_28200_1667.N1	23-JUL-2007 04:38:18	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	28200	No
57	GOM_NL__2PRFIN20070723_044038_000000402060_00090_28200_1668.N1	23-JUL-2007 04:40:38	Dark	39.500	101	11Alp Lep	2.5820	7000.0	79	28200	No
58	GOM_NL__2PRFIN20070723_044459_000000382060_00090_28200_1669.N1	23-JUL-2007 04:44:59	Dark	38.000	108	Alp Col	2.6520	15200.	76	28200	No
59	GOM_NL__2PRFIN20070723_045648_000000392060_00091_28201_1663.N1	23-JUL-2007 04:56:48	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28201	No
60	GOM_NL__2PRFIN20070723_050003_000000362060_00091_28201_1664.N1	23-JUL-2007 05:00:03	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	28201	No
61	GOM_NL__2PRFIN20070723_050427_000000402060_00091_28201_1665.N1	23-JUL-2007 05:04:27	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28201	No
62	GOM_NL__2PRFIN20070723_050803_000000412060_00091_28201_1666.N1	23-JUL-2007 05:08:03	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	28201	No
63	GOM_NL__2PRFIN20070723_051551_000000372060_00091_28201_1667.N1	23-JUL-2007 05:15:51	Bright	37.000	38	20Eps Sgr	1.8360	11000.	74	28201	No
64	GOM_NL__2PRFIN20070723_051745_000000402060_00091_28201_1668.N1	23-JUL-2007 05:17:45	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	28201	No
65	GOM_NL__2PRFIN20070723_051905_000000382060_00091_28201_1669.N1	23-JUL-2007 05:19:05	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28201	No
66	GOM_NL__2PRFIN20070723_052703_000000352060_00091_28201_1670.N1	23-JUL-2007 05:27:03	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28201	No
67	GOM_NL__2PRFIN20070723_052922_000000372060_00091_28201_1671.N1	23-JUL-2007 05:29:22	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28201	No
68	GOM_NL__2PRFIN20070723_053621_000000392060_00091_28201_1672.N1	23-JUL-2007 05:36:21	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28201	No
69	GOM_NL__2PRFIN20070723_053954_000000382060_00091_28201_1673.N1	23-JUL-2007 05:39:54	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28201	No
70	GOM_NL__2PRFIN20070723_054329_000000362060_00091_28201_1674.N1	23-JUL-2007 05:43:29	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28201	No
71	GOM_NL__2PRFIN20070723_054743_000000352060_00091_28201_1675.N1	23-JUL-2007 05:47:43	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	28201	No
72	GOM_NL__2PRFIN20070723_055053_000000352060_00091_28201_1676.N1	23-JUL-2007 05:50:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28201	No
73	GOM_NL__2PRFIN20070723_060326_000000382060_00091_28201_1677.N1	23-JUL-2007 06:03:26	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28201	No
74	GOM_NL__2PRFIN20070723_061442_000000402060_00091_28201_1678.N1	23-JUL-2007 06:14:42	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28201	No
75	GOM_NL__2PRFIN20070723_061638_000000412060_00091_28201_1679.N1	23-JUL-2007 06:16:38	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	28201	No
76	GOM_NL__2PRFIN20070723_061854_000000502060_00091_28201_1680.N1	23-JUL-2007 06:18:54	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	28201	No
77	GOM_NL__2PRFIN20070723_062114_000000402060_00091_28201_1681.N1	23-JUL-2007 06:21:14	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28201	No
78	GOM_NL__2PRFIN20070723_062536_000000372060_00091_28201_1682.N1	23-JUL-2007 06:25:36	Dark	37.000	108	Alp Col	2.6520	15200.	74	28201	No
79	GOM_NL__2PRFIN20070723_063725_000000382060_00092_28202_1674.N1	23-JUL-2007 06:37:25	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28202	No
80	GOM_NL__2PRFIN20070723_064039_000000372060_00092_28202_1675.N1	23-JUL-2007 06:40:39	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28202	No
81	GOM_NL__2PRFIN20070723_064504_000000432060_00092_28202_1676.N1	23-JUL-2007 06:45:04	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28202	No
82	GOM_NL__2PRFIN20070723_064840_000000392060_00092_28202_1677.N1	23-JUL-2007 06:48:40	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	28202	No
83	GOM_NL__2PRFIN20070723_065627_000000402060_00092_28202_1678.N1	23-JUL-2007 06:56:27	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	28202	No
84	GOM_NL__2PRFIN20070723_065821_000000422060_00092_28202_1679.N1	23-JUL-2007 06:58:21	Bright	41.500	57	34Sig Sgr	2.0660	26000.	83	28202	No
85	GOM_NL__2PRFIN20070723_065941_000000372060_00092_28202_1680.N1	23-JUL-2007 06:59:41	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28202	No
86	GOM_NL__2PRFIN20070723_070739_000000352060_00092_28202_1681.N1	23-JUL-2007 07:07:39	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28202	No
87	GOM_NL__2PRFIN20070723_070958_000000372060_00092_28202_1682.N1	23-JUL-2007 07:09:58	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28202	No
88	GOM_NL__2PRFIN20070723_071656_000000392060_00092_28202_1683.N1	23-JUL-2007 07:16:56	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28202	No
89	GOM_NL__2PRFIN20070723_072030_000000372060_00092_28202_1684.N1	23-JUL-2007 07:20:30	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28202	No
90	GOM_NL__2PRFIN20070723_072405_000000352060_00092_28202_1685.N1	23-JUL-2007 07:24:05	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	28202	No
91	GOM_NL__2PRFIN20070723_072819_000000372060_00092_28202_1686.N1	23-JUL-2007 07:28:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28202	No
92	GOM_NL__2PRFIN20070723_073129_000000352060_00092_28202_1687.N1	23-JUL-2007 07:31:29	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28202	No
93	GOM_NL__2PRFIN20070723_074402_000000392060_00092_28202_1688.N1	23-JUL-2007 07:44:02	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	28202	No
94	GOM_NL__2PRFIN20070723_075518_000000402060_00092_28202_1689.N1	23-JUL-2007 07:55:18	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	28202	No
95	GOM_NL__2PRFIN20070723_075714_000000412060_00092_28202_1690.N1	23-JUL-2007 07:57:14	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28202	No
96	GOM_NL__2PRFIN20070723_075931_000000442060_00092_28202_1691.N1	23-JUL-2007 07:59:31	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	28202	No
97	GOM_NL__2PRFIN20070723_080150_000000392060_00092_28202_1692.N1	23-JUL-2007 08:01:50	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28202	No
98	GOM_NL__2PRFIN20070723_080612_000000392060_00092_28202_1693.N1	23-JUL-2007 08:06:12	Dark	38.500	108	Alp Col	2.6520	15200.	77	28202	No
99	GOM_NL__2PRFIN20070723_081801_000000382060_00093_28203_1823.N1	23-JUL-2007 08:18:01	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28203	No
100	GOM_NL__2PRFIN20070723_082115_000000362060_00093_28203_1824.N1	23-JUL-2007 08:21:15	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28203	No
101	GOM_NL__2PRFIN20070723_082540_000000412060_00093_28203_1825.N1	23-JUL-2007 08:25:40	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28203	No

102	GOM_NL__2PRFIN20070723_082916_000000392060_00093_28203_1826.N1	23-JUL-2007 08:29:16	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28203	No
103	GOM_NL__2PRFIN20070723_083703_000000522060_00093_28203_1827.N1	23-JUL-2007 08:37:03	Bright	52.000	38	20Eps Sgr	1.8360	11000.	104	28203	No
104	GOM_NL__2PRFIN20070723_083857_000000372060_00093_28203_1828.N1	23-JUL-2007 08:38:57	Bright	36.500	57	34Sig Sgr	2.0660	26000.	73	28203	No
105	GOM_NL__2PRFIN20070723_084017_000000382060_00093_28203_1829.N1	23-JUL-2007 08:40:17	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28203	No
106	GOM_NL__2PRFIN20070723_084816_000000362060_00093_28203_1830.N1	23-JUL-2007 08:48:16	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	28203	No
107	GOM_NL__2PRFIN20070723_085034_000000372060_00093_28203_1831.N1	23-JUL-2007 08:50:34	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	28203	No
108	GOM_NL__2PRFIN20070723_085732_000000402060_00093_28203_1832.N1	23-JUL-2007 08:57:32	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	28203	No
109	GOM_NL__2PRFIN20070723_090106_000000392060_00093_28203_1833.N1	23-JUL-2007 09:01:06	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	28203	No
110	GOM_NL__2PRFIN20070723_090441_000000362060_00093_28203_1834.N1	23-JUL-2007 09:04:41	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28203	No
111	GOM_NL__2PRFIN20070723_090855_000000352060_00093_28203_1835.N1	23-JUL-2007 09:08:55	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28203	No
112	GOM_NL__2PRFIN20070723_091205_000000362060_00093_28203_1836.N1	23-JUL-2007 09:12:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28203	No
113	GOM_NL__2PRFIN20070723_092438_000000532060_00093_28203_1837.N1	23-JUL-2007 09:24:38	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28203	No
114	GOM_NL__2PRFIN20070723_093554_000000412060_00093_28203_1838.N1	23-JUL-2007 09:35:54	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	28203	No
115	GOM_NL__2PRFIN20070723_093750_000000402060_00093_28203_1839.N1	23-JUL-2007 09:37:50	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28203	No
116	GOM_NL__2PRFIN20070723_094007_000000512060_00093_28203_1840.N1	23-JUL-2007 09:40:07	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	28203	No
117	GOM_NL__2PRFIN20070723_094227_000000422060_00093_28203_1841.N1	23-JUL-2007 09:42:27	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	28203	No
118	GOM_NL__2PRFIN20070723_094648_000000392060_00093_28203_1842.N1	23-JUL-2007 09:46:48	Dark	38.500	108	Alp Col	2.6520	15200.	77	28203	No
119	GOM_NL__2PRFIN20070723_095837_000000382060_00094_28204_1807.N1	23-JUL-2007 09:58:37	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28204	No
120	GOM_NL__2PRFIN20070723_100151_000000372060_00094_28204_1808.N1	23-JUL-2007 10:01:51	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28204	No
121	GOM_NL__2PRFIN20070723_100617_000000462060_00094_28204_1809.N1	23-JUL-2007 10:06:17	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	28204	No
122	GOM_NL__2PRFIN20070723_100952_000000422060_00094_28204_1810.N1	23-JUL-2007 10:09:52	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	28204	No
123	GOM_NL__2PRFIN20070723_101739_000000472060_00094_28204_1811.N1	23-JUL-2007 10:17:39	Bright	46.500	38	20Eps Sgr	1.8360	11000.	93	28204	No
124	GOM_NL__2PRFIN20070723_101933_000000382060_00094_28204_1812.N1	23-JUL-2007 10:19:33	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28204	No
125	GOM_NL__2PRFIN20070723_102054_000000372060_00094_28204_1813.N1	23-JUL-2007 10:20:54	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28204	No
126	GOM_NL__2PRFIN20070723_102852_000000372060_00094_28204_1814.N1	23-JUL-2007 10:28:52	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28204	No
127	GOM_NL__2PRFIN20070723_103110_000000362060_00094_28204_1815.N1	23-JUL-2007 10:31:10	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28204	No
128	GOM_NL__2PRFIN20070723_103808_000000372060_00094_28204_1816.N1	23-JUL-2007 10:38:08	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	28204	No
129	GOM_NL__2PRFIN20070723_104142_000000372060_00094_28204_1817.N1	23-JUL-2007 10:41:42	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28204	No
130	GOM_NL__2PRFIN20070723_104517_000000372060_00094_28204_1818.N1	23-JUL-2007 10:45:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28204	No
131	GOM_NL__2PRFIN20070723_104931_000000332060_00094_28204_1819.N1	23-JUL-2007 10:49:31	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28204	No
132	GOM_NL__2PRFIN20070723_105241_000000362060_00094_28204_1820.N1	23-JUL-2007 10:52:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28204	No
133	GOM_NL__2PRFIN20070723_110515_000000372060_00094_28204_1821.N1	23-JUL-2007 11:05:15	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28204	No
134	GOM_NL__2PRFIN20070723_111630_000000412060_00094_28204_1822.N1	23-JUL-2007 11:16:30	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	28204	No
135	GOM_NL__2PRFIN20070723_111826_000000382060_00094_28204_1823.N1	23-JUL-2007 11:18:26	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	28204	No
136	GOM_NL__2PRFIN20070723_112043_000000472060_00094_28204_1824.N1	23-JUL-2007 11:20:43	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28204	No
137	GOM_NL__2PRFIN20070723_112303_000000392060_00094_28204_1825.N1	23-JUL-2007 11:23:03	Dark	39.000	101	11Alp Lep	2.5820	7000.0	78	28204	No
138	GOM_NL__2PRFIN20070723_112724_000000382060_00094_28204_1826.N1	23-JUL-2007 11:27:24	Dark	38.000	108	Alp Col	2.6520	15200.	76	28204	No
139	GOM_NL__2PRFIN20070723_113914_000000392060_00095_28205_1718.N1	23-JUL-2007 11:39:14	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28205	No
140	GOM_NL__2PRFIN20070723_114227_000000372060_00095_28205_1719.N1	23-JUL-2007 11:42:27	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28205	No
141	GOM_NL__2PRFIN20070723_114653_000000432060_00095_28205_1720.N1	23-JUL-2007 11:46:53	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28205	No
142	GOM_NL__2PRFIN20070723_115028_000000382060_00095_28205_1721.N1	23-JUL-2007 11:50:28	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28205	No
143	GOM_NL__2PRFIN20070723_115815_000000402060_00095_28205_1722.N1	23-JUL-2007 11:58:15	Bright	40.000	38	20Eps Sgr	1.8360	11000.	80	28205	No
144	GOM_NL__2PRFIN20070723_120009_000000382060_00095_28205_1723.N1	23-JUL-2007 12:00:09	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28205	No
145	GOM_NL__2PRFIN20070723_120130_000000382060_00095_28205_1724.N1	23-JUL-2007 12:01:30	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28205	No
146	GOM_NL__2PRFIN20070723_120928_000000352060_00095_28205_1725.N1	23-JUL-2007 12:09:28	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	28205	No
147	GOM_NL__2PRFIN20070723_121146_000000372060_00095_28205_1726.N1	23-JUL-2007 12:11:46	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28205	No
148	GOM_NL__2PRFIN20070723_121844_000000352060_00095_28205_1727.N1	23-JUL-2007 12:18:44	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28205	No
149	GOM_NL__2PRFIN20070723_122218_000000372060_00095_28205_1728.N1	23-JUL-2007 12:22:18	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28205	No
150	GOM_NL__2PRFIN20070723_122553_000000372060_00095_28205_1729.N1	23-JUL-2007 12:25:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28205	No
151	GOM_NL__2PRFIN20070723_123007_000000352060_00095_28205_1730.N1	23-JUL-2007 12:30:07	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28205	No
152	GOM_NL__2PRFIN20070723_123317_000000362060_00095_28205_1731.N1	23-JUL-2007 12:33:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28205	No
153	GOM_NL__2PRFIN20070723_124550_000000392060_00095_28205_1732.N1	23-JUL-2007 12:45:50	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	28205	No
154	GOM_NL__2PRFIN20070723_125706_000000402060_00095_28205_1733.N1	23-JUL-2007 12:57:06	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	28205	No
155	GOM_NL__2PRFIN20070723_125902_000000372060_00095_28205_1734.N1	23-JUL-2007 12:59:02	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28205	No
156	GOM_NL__2PRFIN20070723_130119_000000422060_00095_28205_1735.N1	23-JUL-2007 13:01:19	Dark	41.500	7	19Bet Ori	0.10000	14000.	83	28205	No
157	GOM_NL__2PRFIN20070723_130339_000000362060_00095_28205_1736.N1	23-JUL-2007 13:03:39	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	28205	No
158	GOM_NL__2PRFIN20070723_130800_000000382060_00095_28205_1737.N1	23-JUL-2007 13:08:00	Dark	38.000	108	Alp Col	2.6520	15200.	76	28205	No
159	GOM_NL__2PRFIN20070723_131950_000000392060_00096_28206_1784.N1	23-JUL-2007 13:19:50	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28206	No
160	GOM_NL__2PRFIN20070723_132304_000000372060_00096_28206_1785.N1	23-JUL-2007 13:23:04	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28206	No

161	GOM_NL__2PRFIN20070723_132729_000000422060_00096_28206_1786.N1	23-JUL-2007 13:27:29	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28206	No
162	GOM_NL__2PRFIN20070723_133105_000000382060_00096_28206_1787.N1	23-JUL-2007 13:31:05	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28206	No
163	GOM_NL__2PRFIN20070723_133851_000000422060_00096_28206_1788.N1	23-JUL-2007 13:38:51	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	28206	No
164	GOM_NL__2PRFIN20070723_134045_000000382060_00096_28206_1789.N1	23-JUL-2007 13:40:45	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28206	No
165	GOM_NL__2PRFIN20070723_134206_000000382060_00096_28206_1790.N1	23-JUL-2007 13:42:06	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28206	No
166	GOM_NL__2PRFIN20070723_135004_000000372060_00096_28206_1791.N1	23-JUL-2007 13:50:04	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	28206	No
167	GOM_NL__2PRFIN20070723_135223_000000372060_00096_28206_1792.N1	23-JUL-2007 13:52:23	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28206	No
168	GOM_NL__2PRFIN20070723_135920_000000392060_00096_28206_1793.N1	23-JUL-2007 13:59:20	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28206	No
169	GOM_NL__2PRFIN20070723_140254_000000382060_00096_28206_1794.N1	23-JUL-2007 14:02:54	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28206	No
170	GOM_NL__2PRFIN20070723_140630_000000362060_00096_28206_1795.N1	23-JUL-2007 14:06:30	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28206	No
171	GOM_NL__2PRFIN20070723_141044_000000382060_00096_28206_1796.N1	23-JUL-2007 14:10:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	28206	No
172	GOM_NL__2PRFIN20070723_141353_000000372060_00096_28206_1797.N1	23-JUL-2007 14:13:53	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28206	No
173	GOM_NL__2PRFIN20070723_142626_000000532060_00096_28206_1798.N1	23-JUL-2007 14:26:26	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	28206	No
174	GOM_NL__2PRFIN20070723_143743_000000372060_00096_28206_1799.N1	23-JUL-2007 14:37:43	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	28206	No
175	GOM_NL__2PRFIN20070723_143939_000000352060_00096_28206_1800.N1	23-JUL-2007 14:39:39	Dark	35.000	30	46Eps Ori	1.6940	30000.	70	28206	No
176	GOM_NL__2PRFIN20070723_144155_000000432060_00096_28206_1801.N1	23-JUL-2007 14:41:55	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28206	No
177	GOM_NL__2PRFIN20070723_144415_000000362060_00096_28206_1802.N1	23-JUL-2007 14:44:15	Dark	35.500	101	11Alp Lep	2.5820	7000.0	71	28206	No
178	GOM_NL__2PRFIN20070723_144836_000000392060_00096_28206_1803.N1	23-JUL-2007 14:48:36	Dark	39.000	108	Alp Col	2.6520	15200.	78	28206	No
179	GOM_NL__2PRFIN20070723_150027_000000402060_00097_28207_1830.N1	23-JUL-2007 15:00:27	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28207	No
180	GOM_NL__2PRFIN20070723_150340_000000392060_00097_28207_1831.N1	23-JUL-2007 15:03:40	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	28207	No
181	GOM_NL__2PRFIN20070723_150806_000000412060_00097_28207_1832.N1	23-JUL-2007 15:08:06	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28207	No
182	GOM_NL__2PRFIN20070723_151141_000000382060_00097_28207_1833.N1	23-JUL-2007 15:11:41	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28207	No
183	GOM_NL__2PRFIN20070723_151927_000000402060_00097_28207_1834.N1	23-JUL-2007 15:19:27	Bright	40.000	38	20Eps Sgr	1.8360	11000.	80	28207	No
184	GOM_NL__2PRFIN20070723_152122_000000392060_00097_28207_1835.N1	23-JUL-2007 15:21:22	Bright	38.500	57	34Sig Sgr	2.0660	26000.	77	28207	No
185	GOM_NL__2PRFIN20070723_152242_000000362060_00097_28207_1836.N1	23-JUL-2007 15:22:42	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28207	No
186	GOM_NL__2PRFIN20070723_153040_000000352060_00097_28207_1837.N1	23-JUL-2007 15:30:40	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	28207	No
187	GOM_NL__2PRFIN20070723_153259_000000352060_00097_28207_1838.N1	23-JUL-2007 15:32:59	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	28207	No
188	GOM_NL__2PRFIN20070723_153956_000000392060_00097_28207_1839.N1	23-JUL-2007 15:39:56	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28207	No
189	GOM_NL__2PRFIN20070723_154330_000000362060_00097_28207_1840.N1	23-JUL-2007 15:43:30	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	28207	No
190	GOM_NL__2PRFIN20070723_154706_000000352060_00097_28207_1841.N1	23-JUL-2007 15:47:06	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	28207	No
191	GOM_NL__2PRFIN20070723_155120_000000332060_00097_28207_1842.N1	23-JUL-2007 15:51:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28207	No
192	GOM_NL__2PRFIN20070723_155429_000000362060_00097_28207_1843.N1	23-JUL-2007 15:54:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28207	No
193	GOM_NL__2PRFIN20070723_160702_000000372060_00097_28207_1844.N1	23-JUL-2007 16:07:02	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	28207	No
194	GOM_NL__2PRFIN20070723_161819_000000372060_00097_28207_1845.N1	23-JUL-2007 16:18:19	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	28207	No
195	GOM_NL__2PRFIN20070723_162014_000000372060_00097_28207_1846.N1	23-JUL-2007 16:20:14	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28207	No
196	GOM_NL__2PRFIN20070723_162232_000000362060_00097_28207_1847.N1	23-JUL-2007 16:22:32	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	28207	No
197	GOM_NL__2PRFIN20070723_162451_000000372060_00097_28207_1848.N1	23-JUL-2007 16:24:51	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	28207	No
198	GOM_NL__2PRFIN20070723_162912_000000402060_00097_28207_1849.N1	23-JUL-2007 16:29:12	Dark	39.500	108	Alp Col	2.6520	15200.	79	28207	No
199	GOM_NL__2PRFIN20070723_164103_000000402060_00098_28208_1851.N1	23-JUL-2007 16:41:03	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28208	No
200	GOM_NL__2PRFIN20070723_164416_000000372060_00098_28208_1852.N1	23-JUL-2007 16:44:16	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28208	No
201	GOM_NL__2PRFIN20070723_164842_000000422060_00098_28208_1853.N1	23-JUL-2007 16:48:42	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28208	No
202	GOM_NL__2PRFIN20070723_165217_000000402060_00098_28208_1854.N1	23-JUL-2007 16:52:17	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28208	No
203	GOM_NL__2PRFIN20070723_170003_000000412060_00098_28208_1855.N1	23-JUL-2007 17:00:03	Bright	41.000	38	20Eps Sgr	1.8360	11000.	82	28208	No
204	GOM_NL__2PRFIN20070723_170158_000000392060_00098_28208_1856.N1	23-JUL-2007 17:01:58	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28208	No
205	GOM_NL__2PRFIN20070723_170318_000000382060_00098_28208_1857.N1	23-JUL-2007 17:03:18	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28208	No
206	GOM_NL__2PRFIN20070723_171116_000000362060_00098_28208_1858.N1	23-JUL-2007 17:11:16	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	28208	No
207	GOM_NL__2PRFIN20070723_171335_000000362060_00098_28208_1859.N1	23-JUL-2007 17:13:35	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	28208	No
208	GOM_NL__2PRFIN20070723_172032_000000392060_00098_28208_1860.N1	23-JUL-2007 17:20:32	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	28208	No
209	GOM_NL__2PRFIN20070723_172406_000000372060_00098_28208_1861.N1	23-JUL-2007 17:24:06	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28208	No
210	GOM_NL__2PRFIN20070723_172742_000000342060_00098_28208_1862.N1	23-JUL-2007 17:27:42	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	28208	No
211	GOM_NL__2PRFIN20070723_173156_000000332060_00098_28208_1863.N1	23-JUL-2007 17:31:56	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28208	No
212	GOM_NL__2PRFIN20070723_173505_000000362060_00098_28208_1864.N1	23-JUL-2007 17:35:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28208	No
213	GOM_NL__2PRFIN20070723_174739_000000382060_00098_28208_1865.N1	23-JUL-2007 17:47:39	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	28208	No
214	GOM_NL__2PRFIN20070723_175855_000000372060_00098_28208_1866.N1	23-JUL-2007 17:58:55	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	28208	No
215	GOM_NL__2PRFIN20070723_180051_000000372060_00098_28208_1867.N1	23-JUL-2007 18:00:51	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28208	No
216	GOM_NL__2PRFIN20070723_180308_000000372060_00098_28208_1868.N1	23-JUL-2007 18:03:08	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	28208	No
217	GOM_NL__2PRFIN20070723_180528_000000382060_00098_28208_1869.N1	23-JUL-2007 18:05:28	Dark	37.500	101	11Alp Lep	2.5820	7000.0	75	28208	No
218	GOM_NL__2PRFIN20070723_180948_000000392060_00098_28208_1870.N1	23-JUL-2007 18:09:48	Dark	39.000	108	Alp Col	2.6520	15200.	78	28208	No
219	GOM_NL__2PRFIN20070723_182140_000000402060_00099_28209_1858.N1	23-JUL-2007 18:21:40	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28209	No



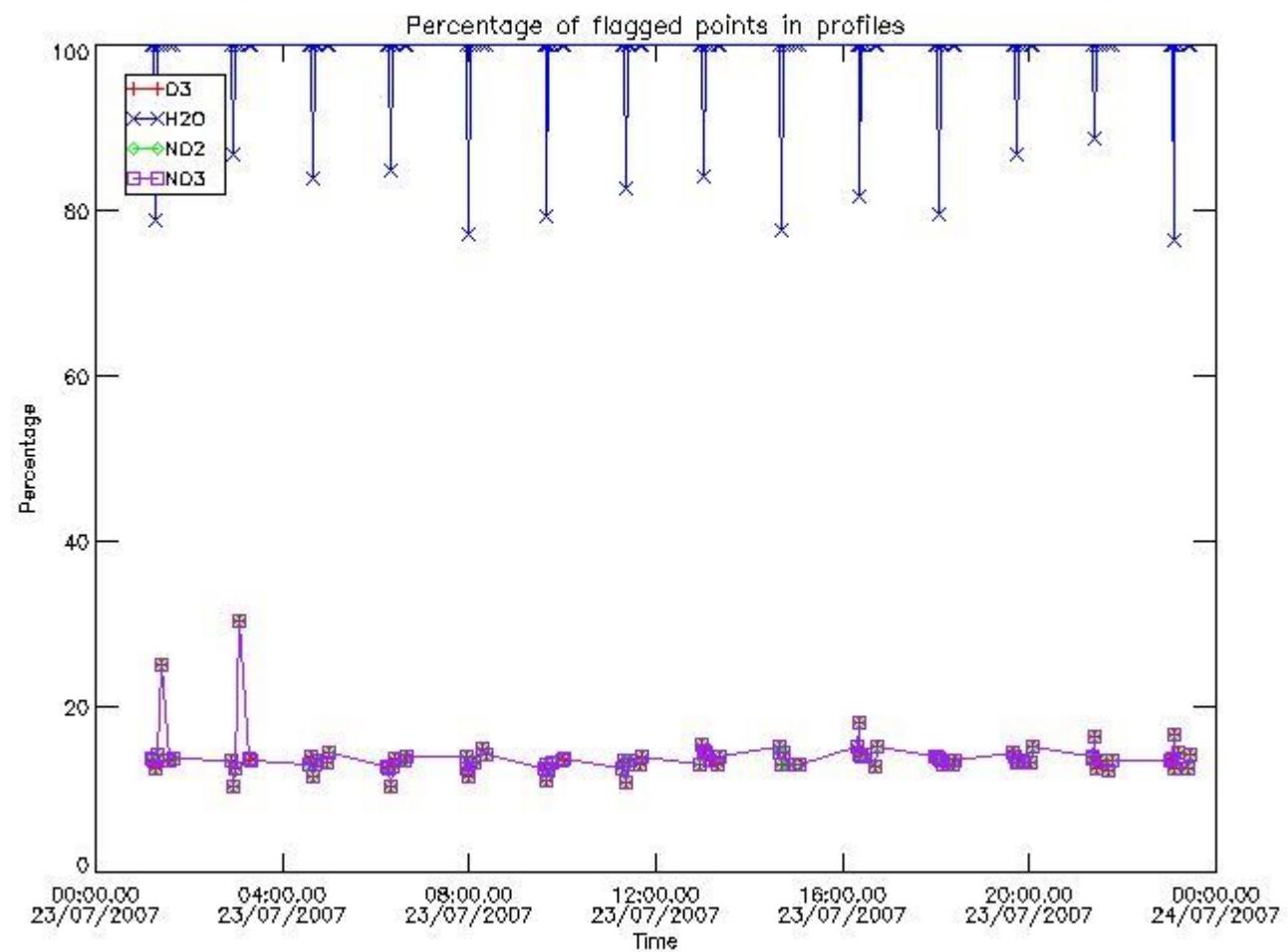
220	GOM_NL__2PRFIN20070723_182452_000000382060_00099_28209_1859.N1	23-JUL-2007 18:24:52	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28209	No
221	GOM_NL__2PRFIN20070723_182919_000000402060_00099_28209_1860.N1	23-JUL-2007 18:29:19	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28209	No
222	GOM_NL__2PRFIN20070723_183253_000000402060_00099_28209_1861.N1	23-JUL-2007 18:32:53	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28209	No
223	GOM_NL__2PRFIN20070723_184039_000000392060_00099_28209_1862.N1	23-JUL-2007 18:40:39	Bright	38.500	38	20Eps Sgr	1.8360	11000.	77	28209	No
224	GOM_NL__2PRFIN20070723_184234_000000382060_00099_28209_1863.N1	23-JUL-2007 18:42:34	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28209	No
225	GOM_NL__2PRFIN20070723_184354_000000392060_00099_28209_1864.N1	23-JUL-2007 18:43:54	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	28209	No
226	GOM_NL__2PRFIN20070723_185152_000000382060_00099_28209_1865.N1	23-JUL-2007 18:51:52	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28209	No
227	GOM_NL__2PRFIN20070723_185411_000000352060_00099_28209_1866.N1	23-JUL-2007 18:54:11	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	28209	No
228	GOM_NL__2PRFIN20070723_190108_000000382060_00099_28209_1867.N1	23-JUL-2007 19:01:08	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28209	No
229	GOM_NL__2PRFIN20070723_190442_000000382060_00099_28209_1868.N1	23-JUL-2007 19:04:42	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28209	No
230	GOM_NL__2PRFIN20070723_190818_000000372060_00099_28209_1869.N1	23-JUL-2007 19:08:18	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28209	No
231	GOM_NL__2PRFIN20070723_191232_000000352060_00099_28209_1870.N1	23-JUL-2007 19:12:32	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	28209	No
232	GOM_NL__2PRFIN20070723_191541_000000372060_00099_28209_1871.N1	23-JUL-2007 19:15:41	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28209	No
233	GOM_NL__2PRFIN20070723_192815_000000452060_00099_28209_1872.N1	23-JUL-2007 19:28:15	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	28209	No
234	GOM_NL__2PRFIN20070723_193931_000000352060_00099_28209_1873.N1	23-JUL-2007 19:39:31	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	28209	No
235	GOM_NL__2PRFIN20070723_194127_000000372060_00099_28209_1874.N1	23-JUL-2007 19:41:27	Dark	36.500	30	46Eps Ori	1.6940	30000.	73	28209	No
236	GOM_NL__2PRFIN20070723_194344_000000392060_00099_28209_1875.N1	23-JUL-2007 19:43:44	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	28209	No
237	GOM_NL__2PRFIN20070723_194604_000000392060_00099_28209_1876.N1	23-JUL-2007 19:46:04	Dark	38.500	101	11Alp Lep	2.5820	7000.0	77	28209	No
238	GOM_NL__2PRFIN20070723_195025_000000382060_00099_28209_1877.N1	23-JUL-2007 19:50:25	Dark	37.500	108	Alp Col	2.6520	15200.	75	28209	No
239	GOM_NL__2PRFIN20070723_200216_000000392060_00100_28210_1870.N1	23-JUL-2007 20:02:16	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28210	No
240	GOM_NL__2PRFIN20070723_200529_000000372060_00100_28210_1871.N1	23-JUL-2007 20:05:29	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28210	No
241	GOM_NL__2PRFIN20070723_200955_000000402060_00100_28210_1872.N1	23-JUL-2007 20:09:55	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28210	No
242	GOM_NL__2PRFIN20070723_201330_000000382060_00100_28210_1873.N1	23-JUL-2007 20:13:30	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28210	No
243	GOM_NL__2PRFIN20070723_202115_000000442060_00100_28210_1874.N1	23-JUL-2007 20:21:15	Bright	44.000	38	20Eps Sgr	1.8360	11000.	88	28210	No
244	GOM_NL__2PRFIN20070723_202310_000000382060_00100_28210_1875.N1	23-JUL-2007 20:23:10	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	28210	No
245	GOM_NL__2PRFIN20070723_202430_000000382060_00100_28210_1876.N1	23-JUL-2007 20:24:30	Bright	38.000	155	41Pi Sgr	2.9000	6600.0	76	28210	No
246	GOM_NL__2PRFIN20070723_203229_000000372060_00100_28210_1877.N1	23-JUL-2007 20:32:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	28210	No
247	GOM_NL__2PRFIN20070723_203447_000000342060_00100_28210_1878.N1	23-JUL-2007 20:34:47	Bright	34.000	59	55Alp Oph	2.0800	8900.0	68	28210	No
248	GOM_NL__2PRFIN20070723_204143_000000342060_00100_28210_1879.N1	23-JUL-2007 20:41:43	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28210	No
249	GOM_NL__2PRFIN20070723_204518_000000382060_00100_28210_1880.N1	23-JUL-2007 20:45:18	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	28210	No
250	GOM_NL__2PRFIN20070723_204854_000000382060_00100_28210_1881.N1	23-JUL-2007 20:48:54	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	28210	No
251	GOM_NL__2PRFIN20070723_205309_000000372060_00100_28210_1882.N1	23-JUL-2007 20:53:09	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28210	No
252	GOM_NL__2PRFIN20070723_205617_000000372060_00100_28210_1883.N1	23-JUL-2007 20:56:17	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28210	No
253	GOM_NL__2PRFIN20070723_210851_000000402060_00100_28210_1884.N1	23-JUL-2007 21:08:51	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	28210	No
254	GOM_NL__2PRFIN20070723_212007_000000372060_00100_28210_1885.N1	23-JUL-2007 21:20:07	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	28210	No
255	GOM_NL__2PRFIN20070723_212203_000000372060_00100_28210_1886.N1	23-JUL-2007 21:22:03	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28210	No
256	GOM_NL__2PRFIN20070723_212420_000000412060_00100_28210_1887.N1	23-JUL-2007 21:24:20	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	28210	No
257	GOM_NL__2PRFIN20070723_212640_000000412060_00100_28210_1888.N1	23-JUL-2007 21:26:40	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28210	No
258	GOM_NL__2PRFIN20070723_213101_000000382060_00100_28210_1889.N1	23-JUL-2007 21:31:01	Dark	38.000	108	Alp Col	2.6520	15200.	76	28210	No
259	GOM_NL__2PRFIN20070723_214253_000000422060_00101_28211_1878.N1	23-JUL-2007 21:42:53	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28211	No
260	GOM_NL__2PRFIN20070723_214605_000000382060_00101_28211_1879.N1	23-JUL-2007 21:46:05	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	28211	No
261	GOM_NL__2PRFIN20070723_215031_000000432060_00101_28211_1880.N1	23-JUL-2007 21:50:31	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28211	No
262	GOM_NL__2PRFIN20070723_215406_000000382060_00101_28211_1881.N1	23-JUL-2007 21:54:06	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28211	No
263	GOM_NL__2PRFIN20070723_220151_000000402060_00101_28211_1882.N1	23-JUL-2007 22:01:51	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	28211	No
264	GOM_NL__2PRFIN20070723_220346_000000392060_00101_28211_1883.N1	23-JUL-2007 22:03:46	Bright	39.000	57	34Sig Sgr	2.0660	26000.	78	28211	No
265	GOM_NL__2PRFIN20070723_220506_000000372060_00101_28211_1884.N1	23-JUL-2007 22:05:06	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	28211	No
266	GOM_NL__2PRFIN20070723_221305_000000362060_00101_28211_1885.N1	23-JUL-2007 22:13:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	28211	No
267	GOM_NL__2PRFIN20070723_221523_000000372060_00101_28211_1886.N1	23-JUL-2007 22:15:23	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	28211	No
268	GOM_NL__2PRFIN20070723_222219_000000372060_00101_28211_1887.N1	23-JUL-2007 22:22:19	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28211	No
269	GOM_NL__2PRFIN20070723_222554_000000332060_00101_28211_1888.N1	23-JUL-2007 22:25:54	Bright	32.500	69	33Gam Dra	2.2310	3800.0	65	28211	No
270	GOM_NL__2PRFIN20070723_222931_000000362060_00101_28211_1889.N1	23-JUL-2007 22:29:31	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28211	No
271	GOM_NL__2PRFIN20070723_223345_000000362060_00101_28211_1890.N1	23-JUL-2007 22:33:45	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28211	No
272	GOM_NL__2PRFIN20070723_223653_000000362060_00101_28211_1891.N1	23-JUL-2007 22:36:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28211	No
273	GOM_NL__2PRFIN20070723_224926_000000392060_00101_28211_1892.N1	23-JUL-2007 22:49:26	Bright	38.500	6	13Alp Aur	0.080000	3400.0	77	28211	No
274	GOM_NL__2PRFIN20070723_230044_000000382060_00101_28211_1893.N1	23-JUL-2007 23:00:44	Dark	37.500	27	24Gam Ori	1.6360	26000.	75	28211	No
275	GOM_NL__2PRFIN20070723_230239_000000372060_00101_28211_1894.N1	23-JUL-2007 23:02:39	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28211	No
276	GOM_NL__2PRFIN20070723_230457_000000432060_00101_28211_1895.N1	23-JUL-2007 23:04:57	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28211	No
277	GOM_NL__2PRFIN20070723_230716_000000402060_00101_28211_1896.N1	23-JUL-2007 23:07:16	Dark	40.000	101	11Alp Lep	2.5820	7000.0	80	28211	No
278	GOM_NL__2PRFIN20070723_231137_000000392060_00101_28211_1897.N1	23-JUL-2007 23:11:37	Dark	38.500	108	Alp Col	2.6520	15200.	77	28211	No

279	GOM_NL__2PRFIN20070723_232329_000000412060_00102_28212_1881.N1	23-JUL-2007 23:23:29	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28212	No
280	GOM_NL__2PRFIN20070723_232641_000000362060_00102_28212_1882.N1	23-JUL-2007 23:26:41	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28212	No
281	GOM_NL__2PRFIN20070723_233108_000000452060_00102_28212_1883.N1	23-JUL-2007 23:31:08	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	28212	No
282	GOM_NL__2PRFIN20070723_233442_000000392060_00102_28212_1884.N1	23-JUL-2007 23:34:42	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28212	No
283	GOM_NL__2PRFIN20070723_234228_000000432060_00102_28212_1885.N1	23-JUL-2007 23:42:28	Bright	42.500	38	20Eps Sgr	1.8360	11000.	85	28212	No
284	GOM_NL__2PRFIN20070723_234422_000000382060_00102_28212_1886.N1	23-JUL-2007 23:44:22	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	28212	No
285	GOM_NL__2PRFIN20070723_234542_000000382060_00102_28212_1887.N1	23-JUL-2007 23:45:42	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28212	No
286	GOM_NL__2PRFIN20070723_235341_000000382060_00102_28212_1888.N1	23-JUL-2007 23:53:41	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	28212	No
287	GOM_NL__2PRFIN20070723_235559_000000362060_00102_28212_1889.N1	23-JUL-2007 23:55:59	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	28212	No

### 3. Quality information per product

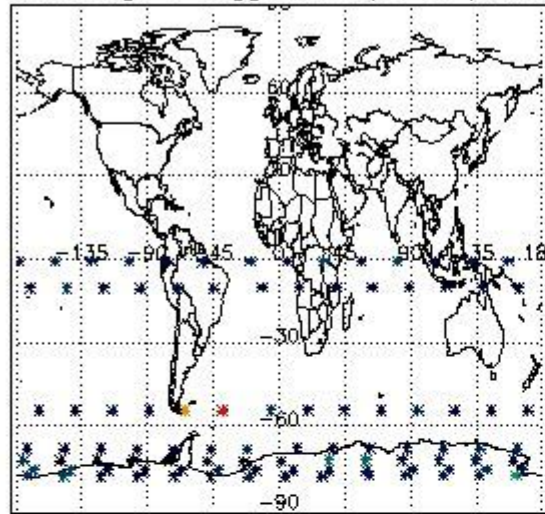
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

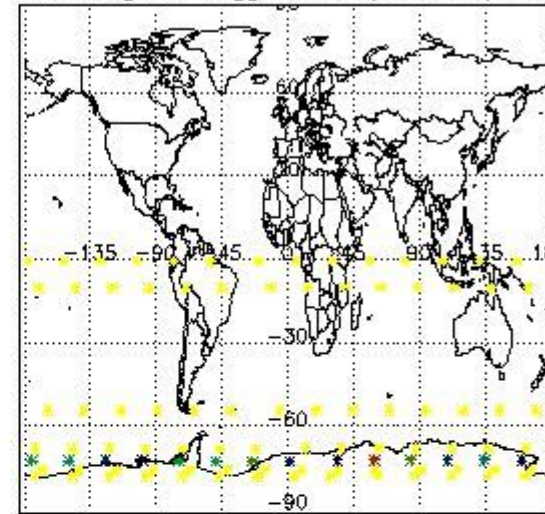


#### 3.2 Plot quality information per product (world map)

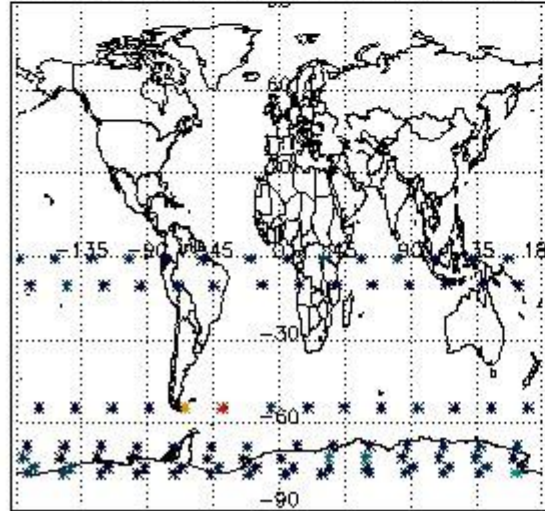
Percentage of flagged data per O3 profile



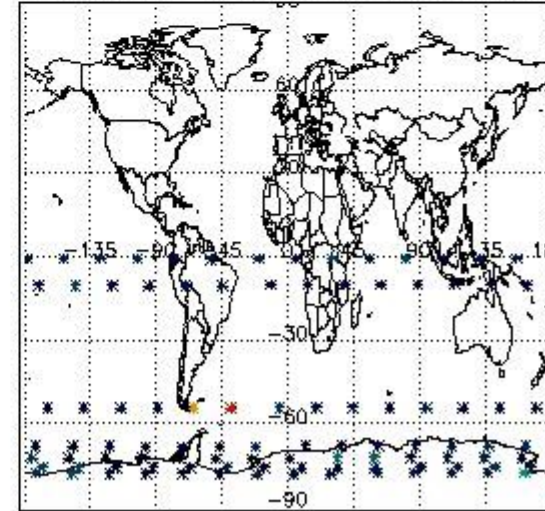
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



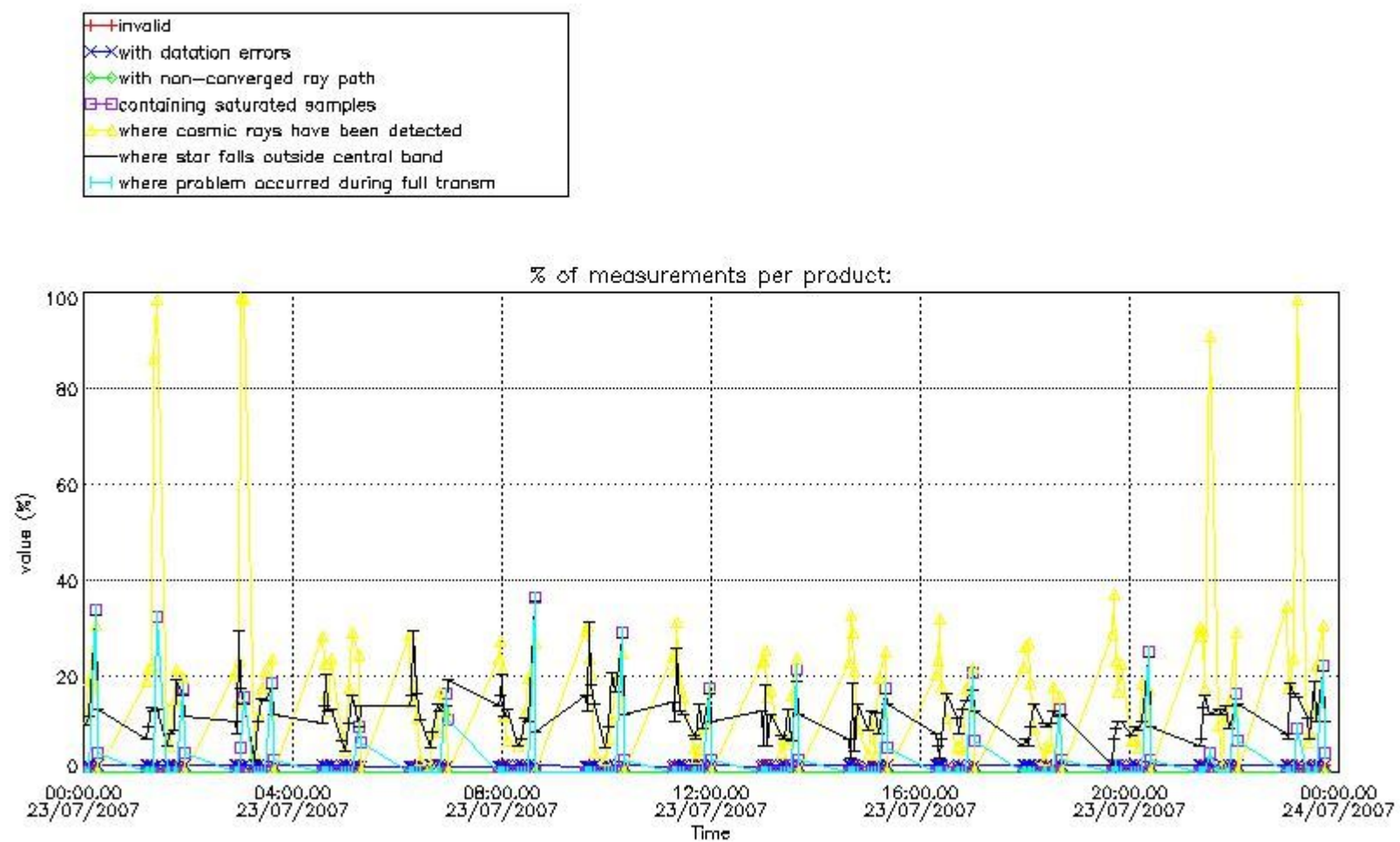
#### 4. Level 1 quality information per product

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.

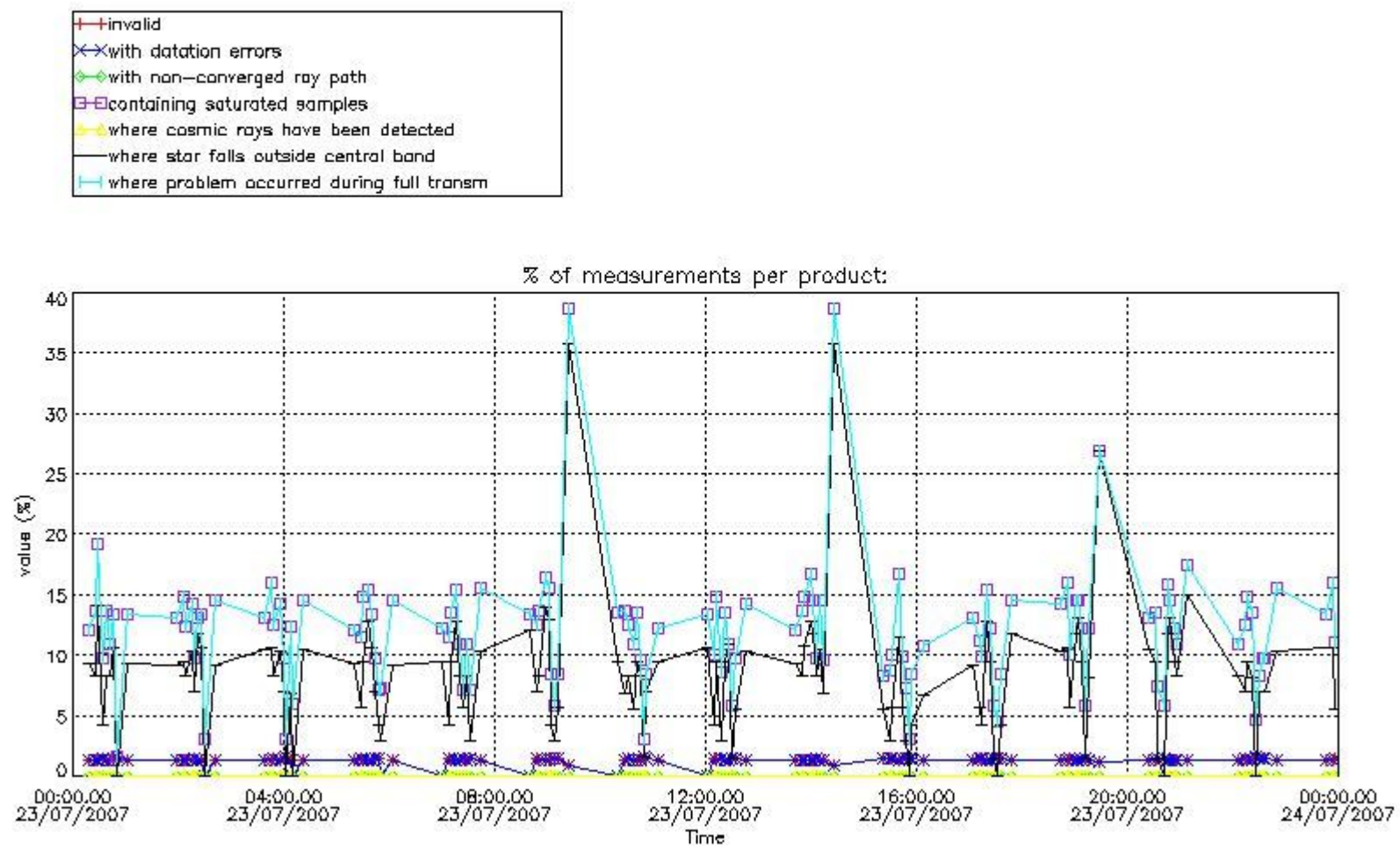
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



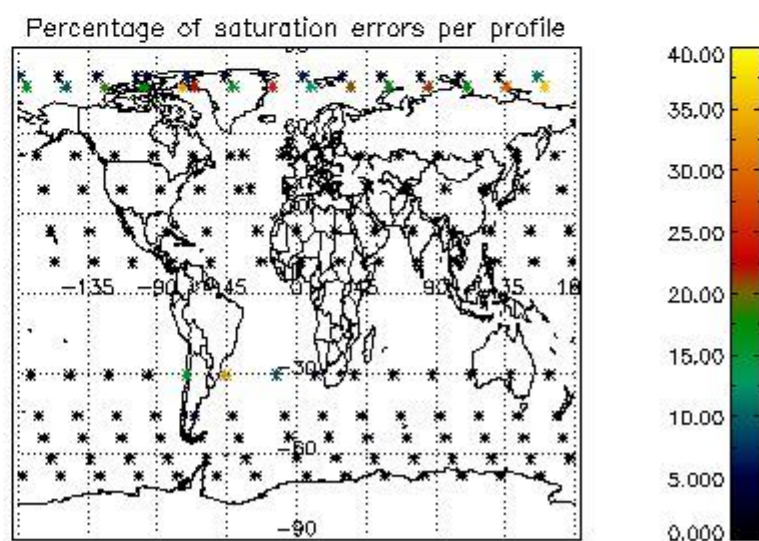
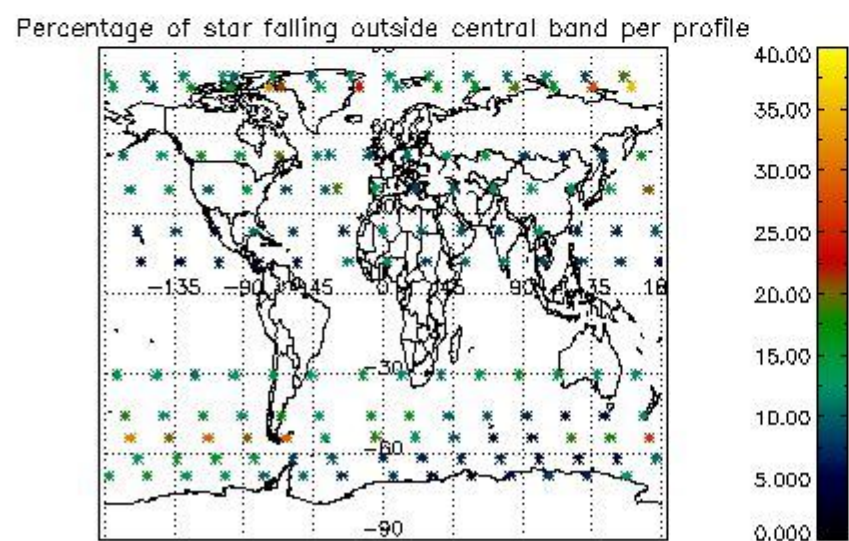
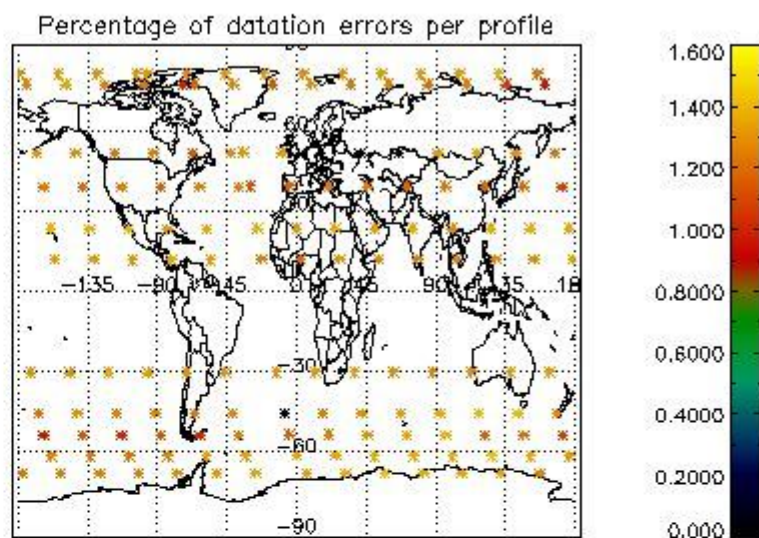
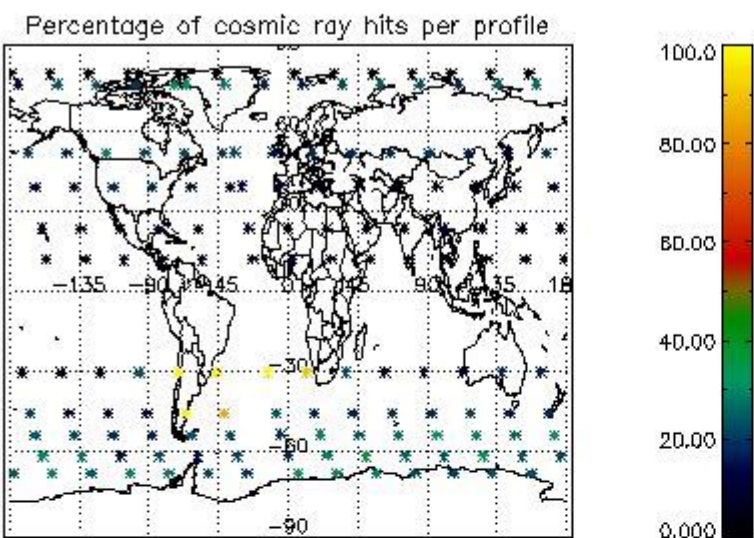


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



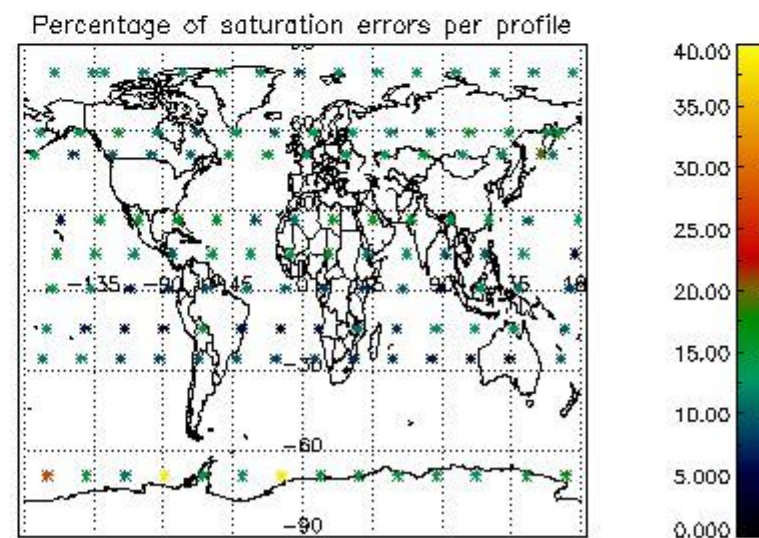
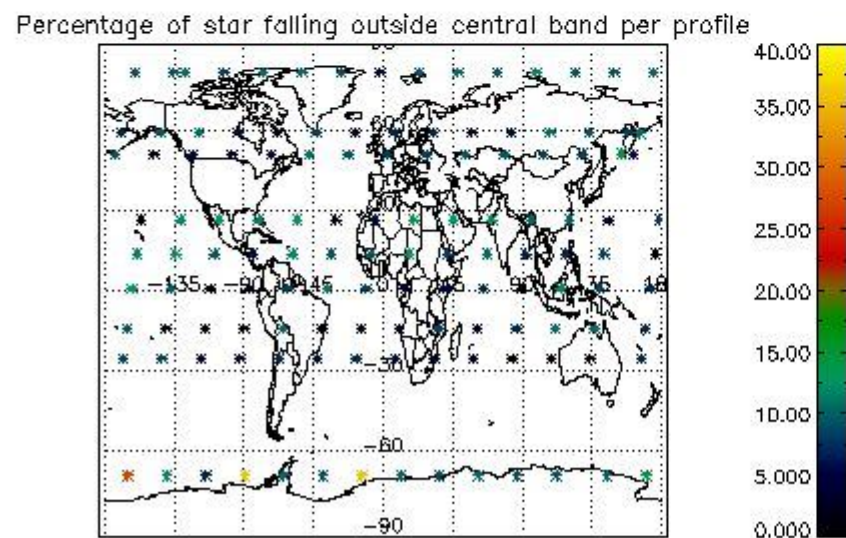
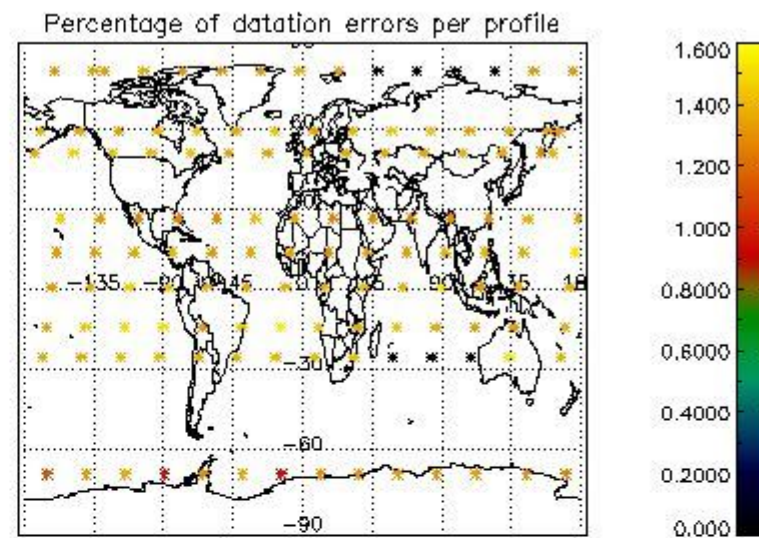
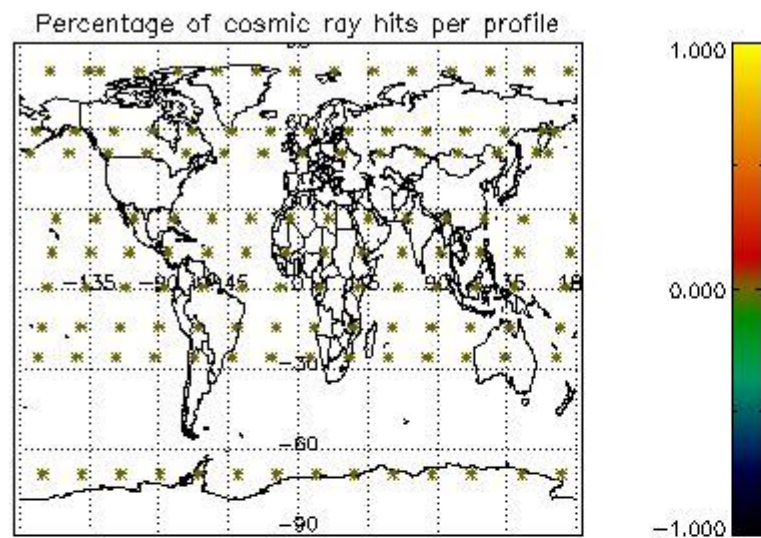
4.2 Plot quality information per product coming from level 1b processing (world map)

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

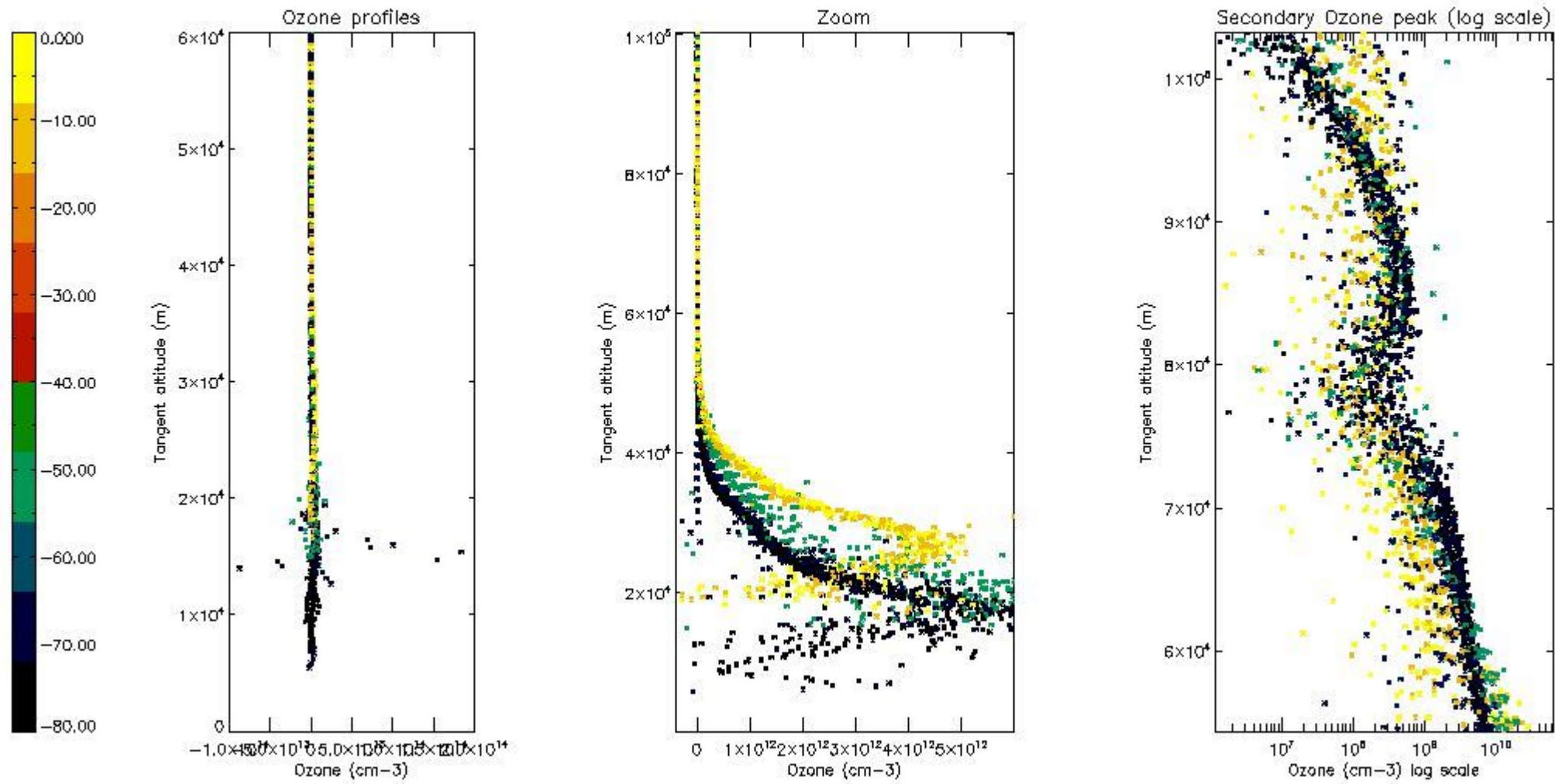
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	20

STD < 10	15
STD < 5	10

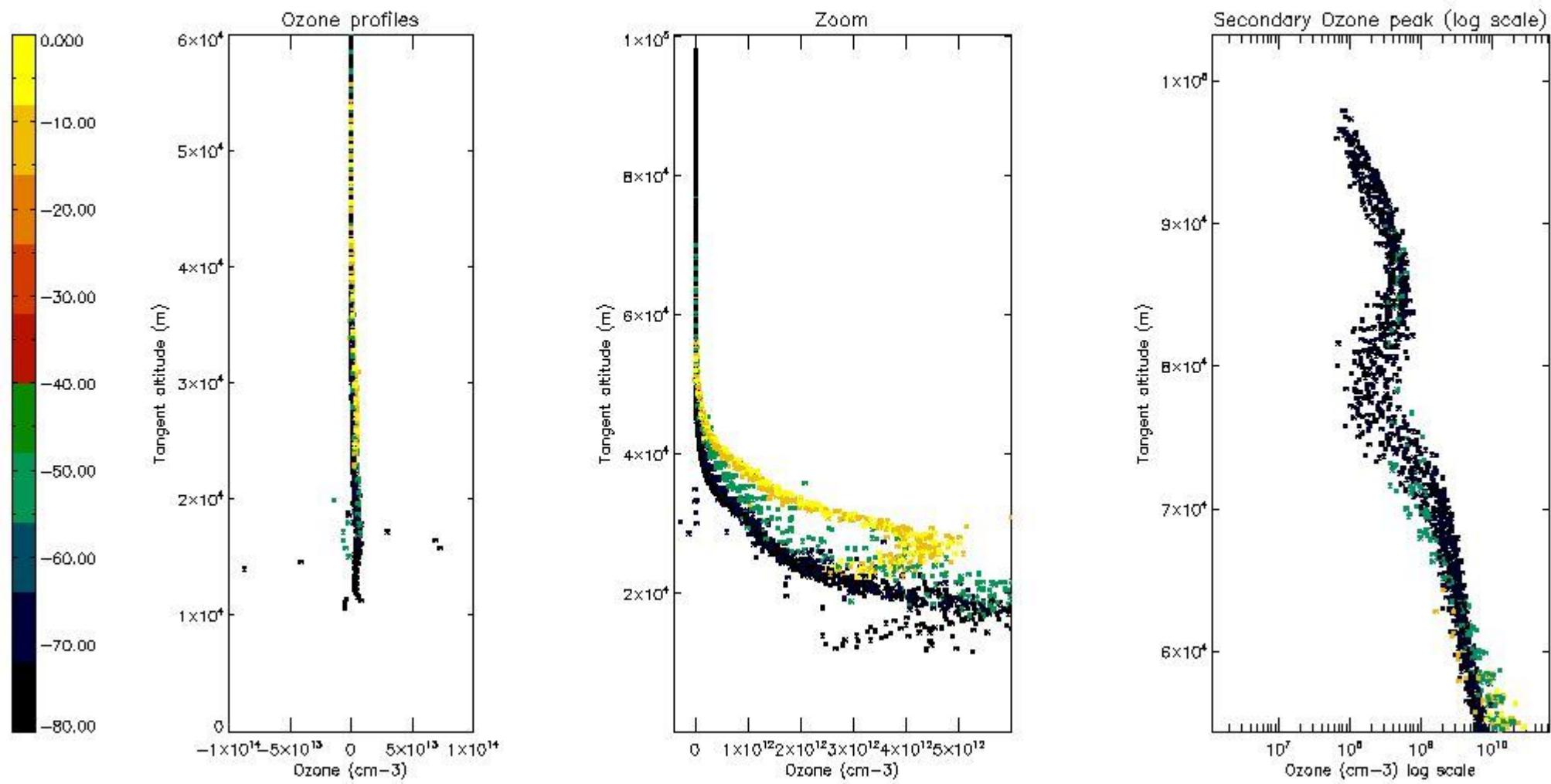
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

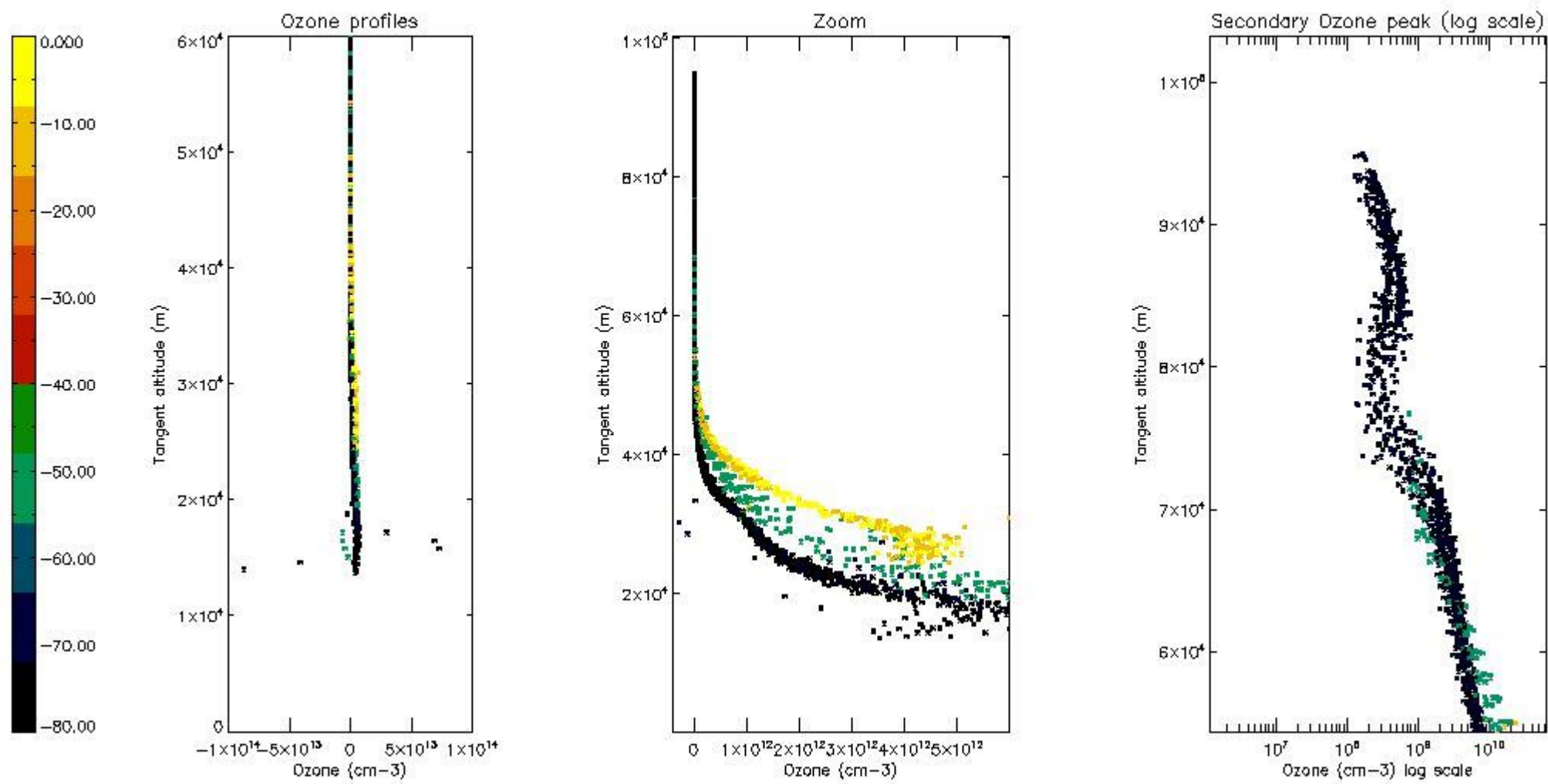
The colorbar represents the latitude.



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

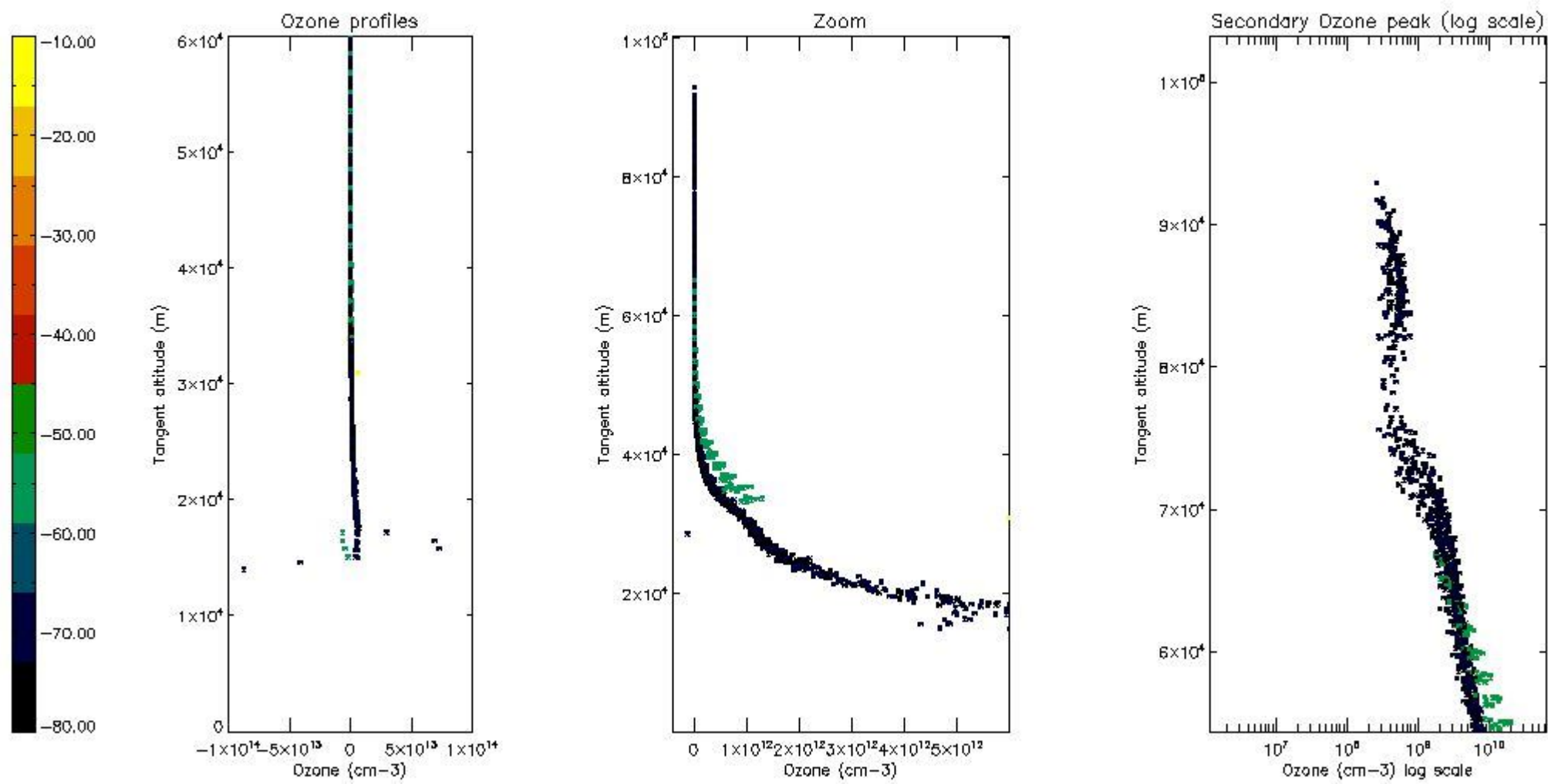
The colorbar represents the latitude.





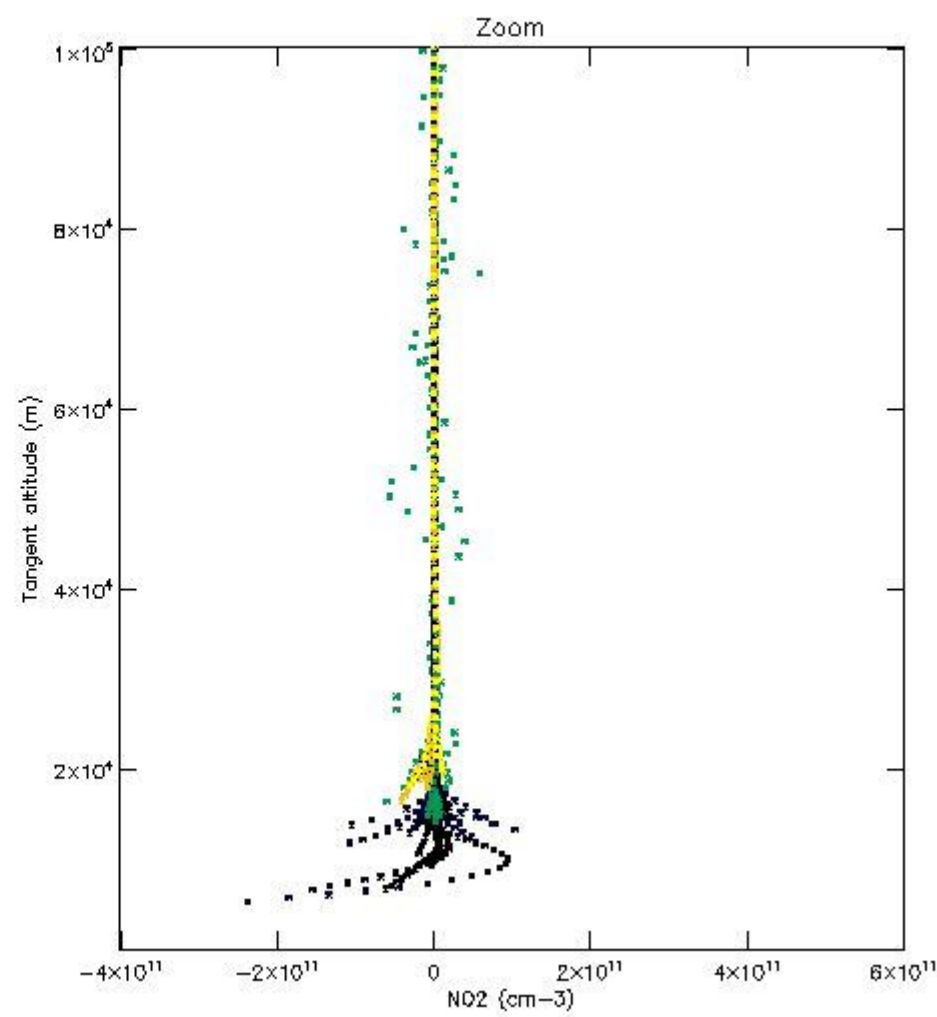
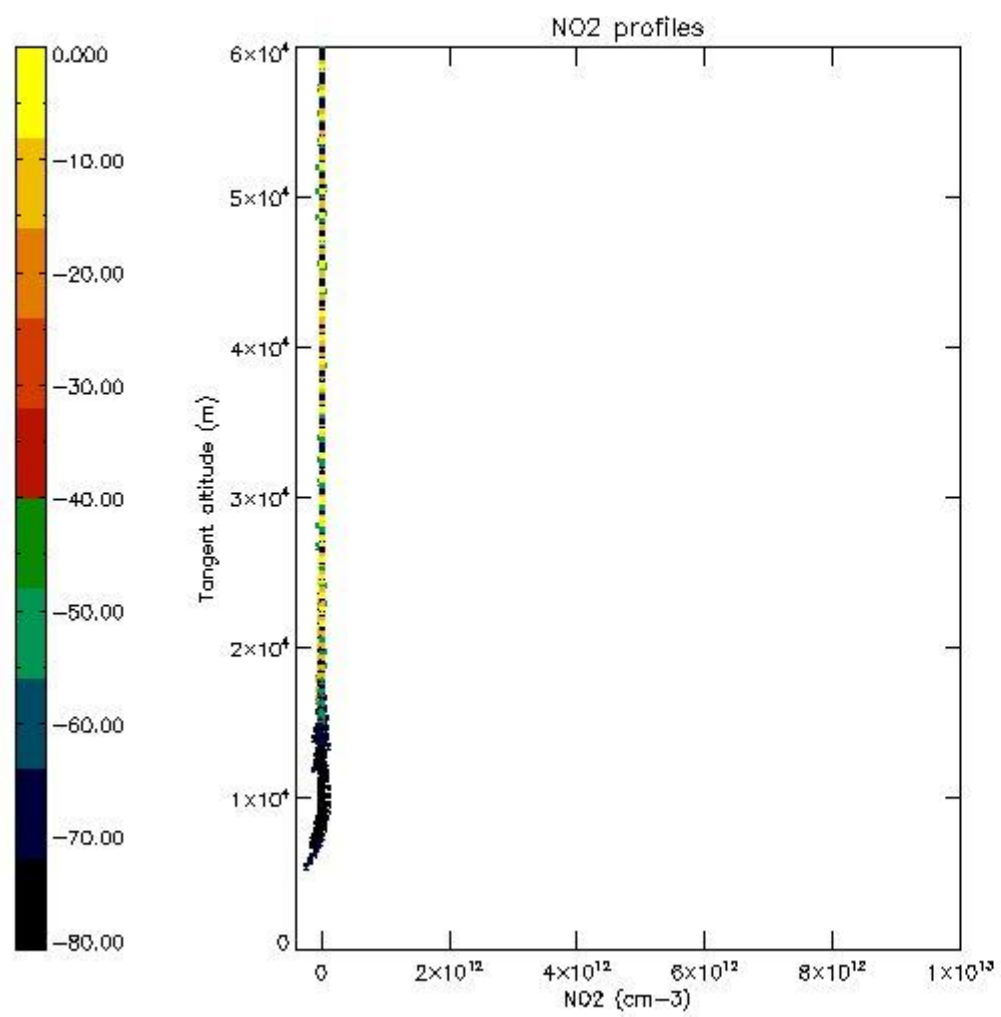
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

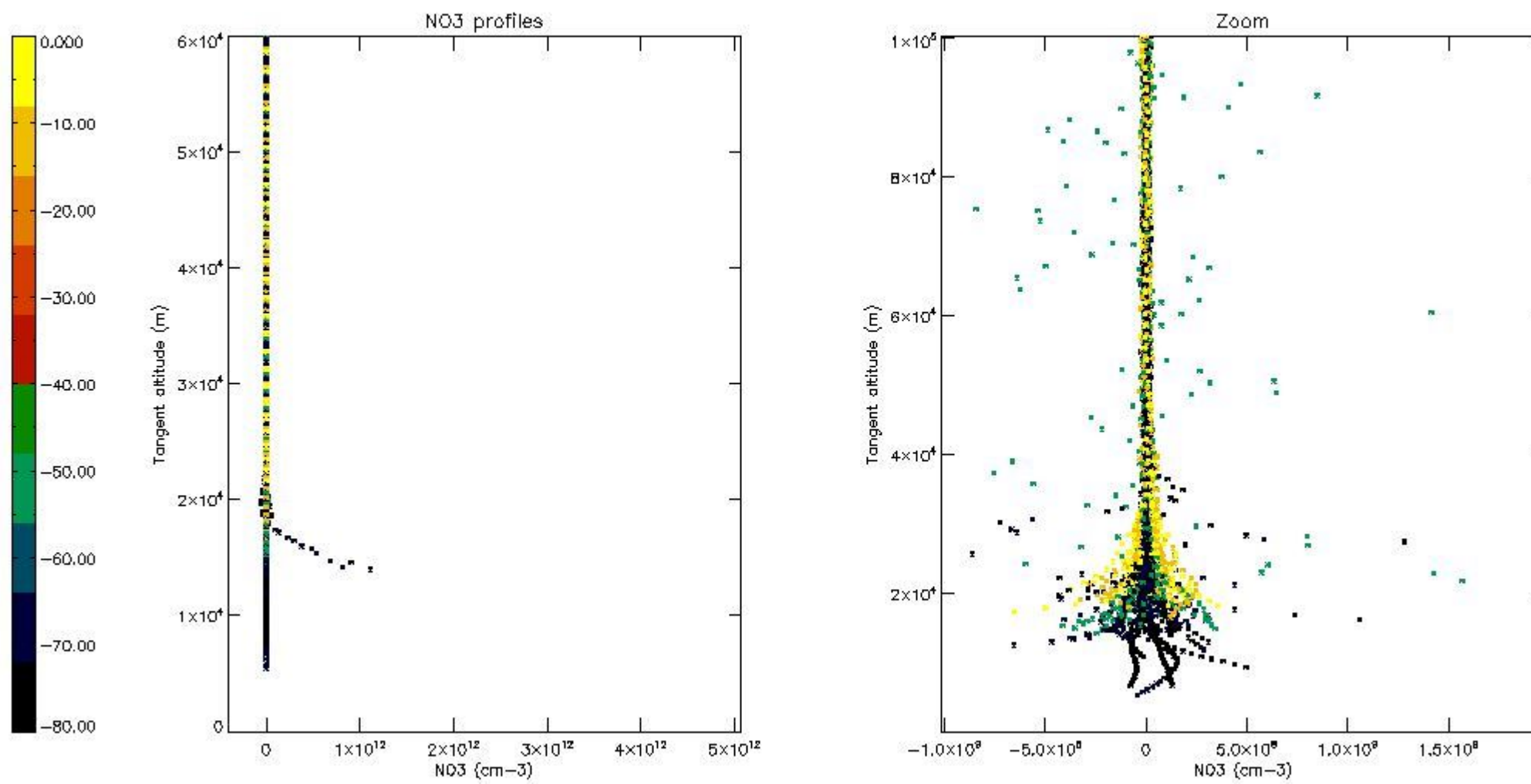
The colorbar represents the latitude.



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

The colorbar represents the latitude.

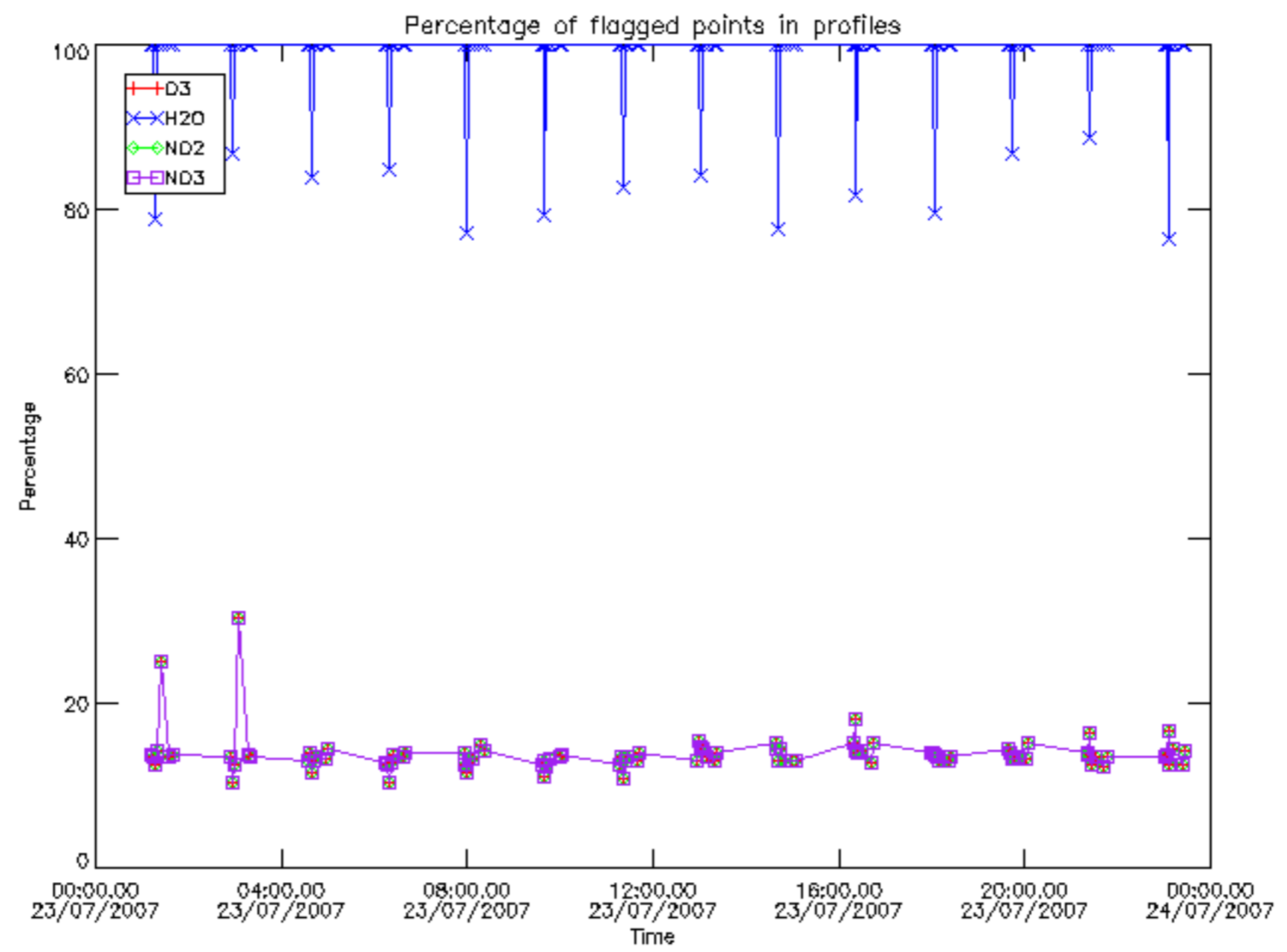




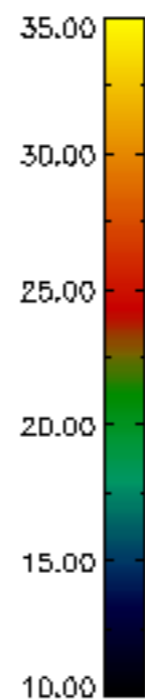
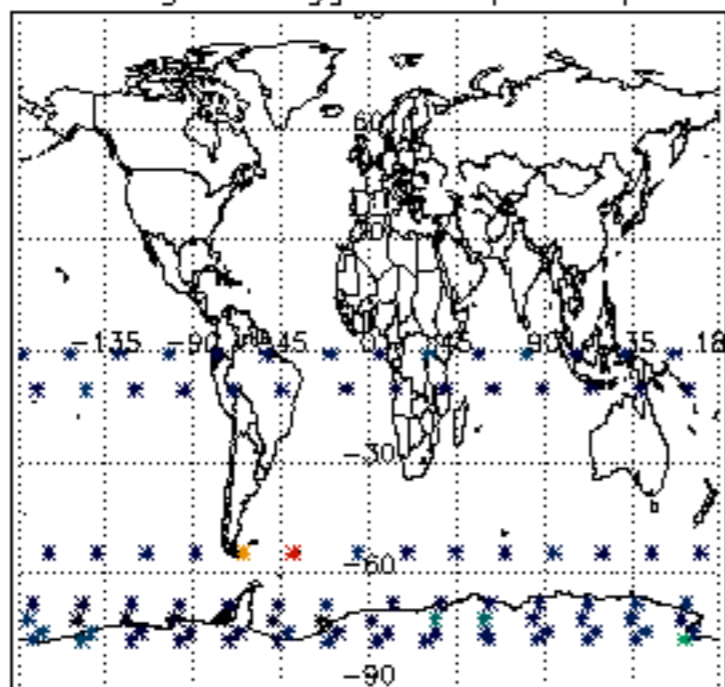
## 6. Auxiliary Data Files used for the production reported in section 2

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

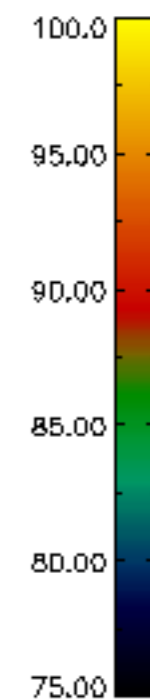
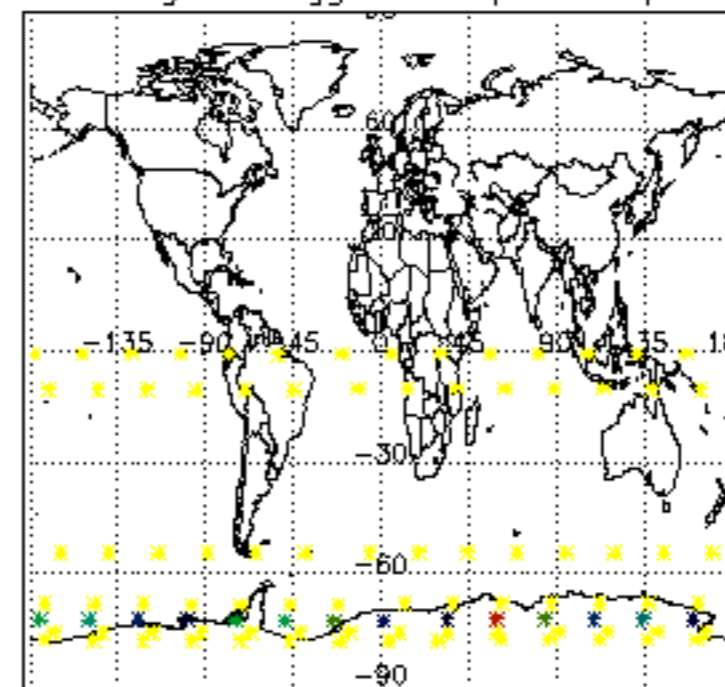
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JUL-2007 00:02:38
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUL-2007 00:02:38
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUL-2007 00:02:38



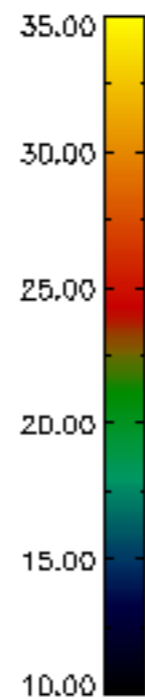
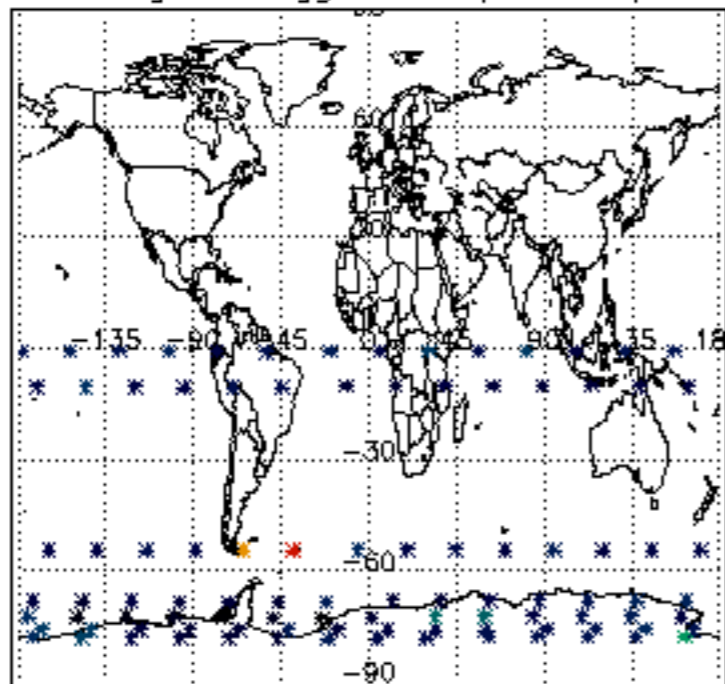
Percentage of flagged data per D3 profile



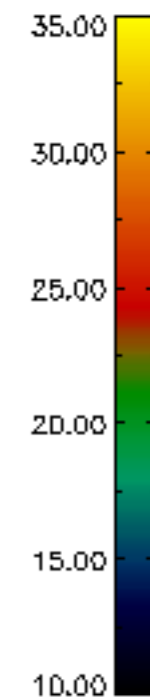
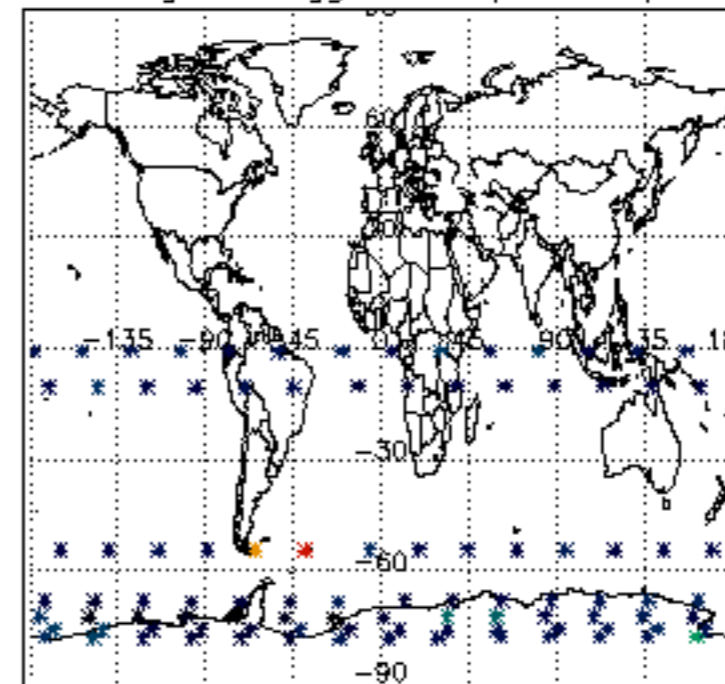
Percentage of flagged data per H2O profile



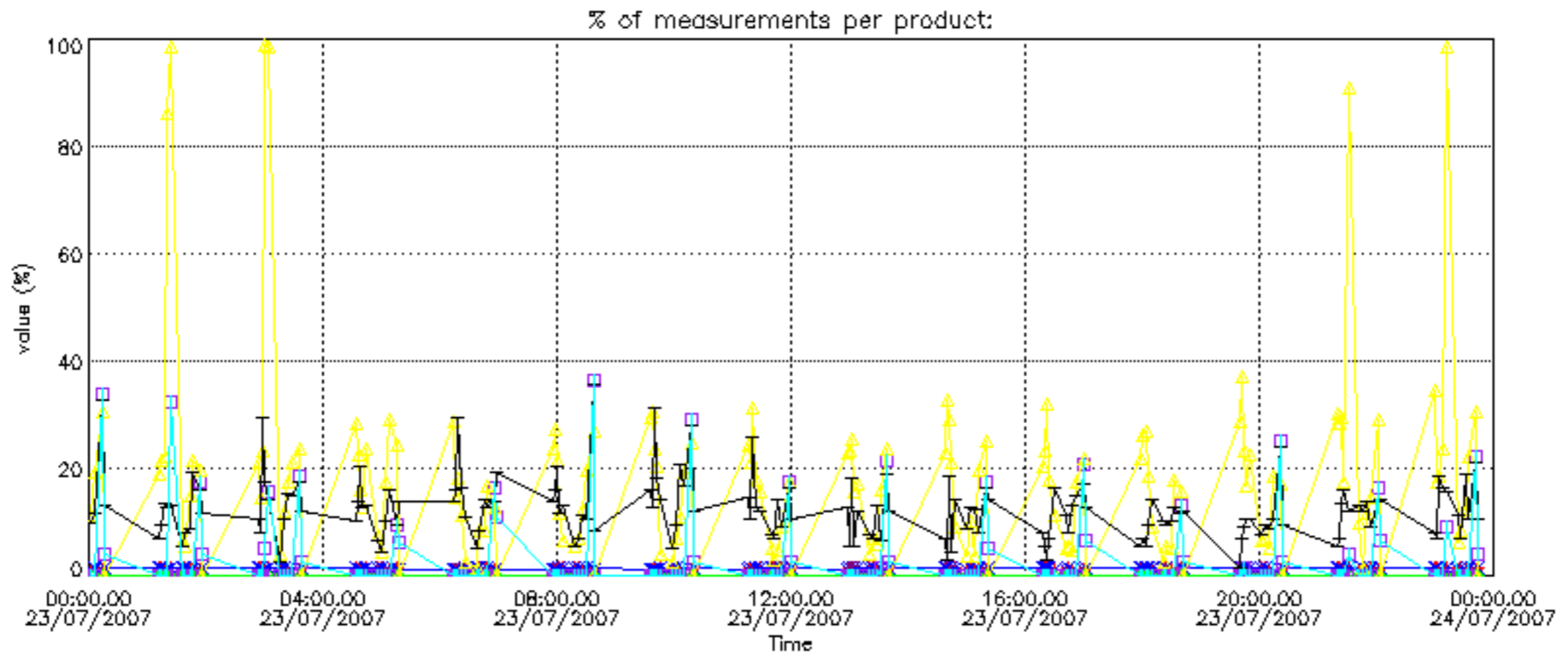
Percentage of flagged data per NO2 profile

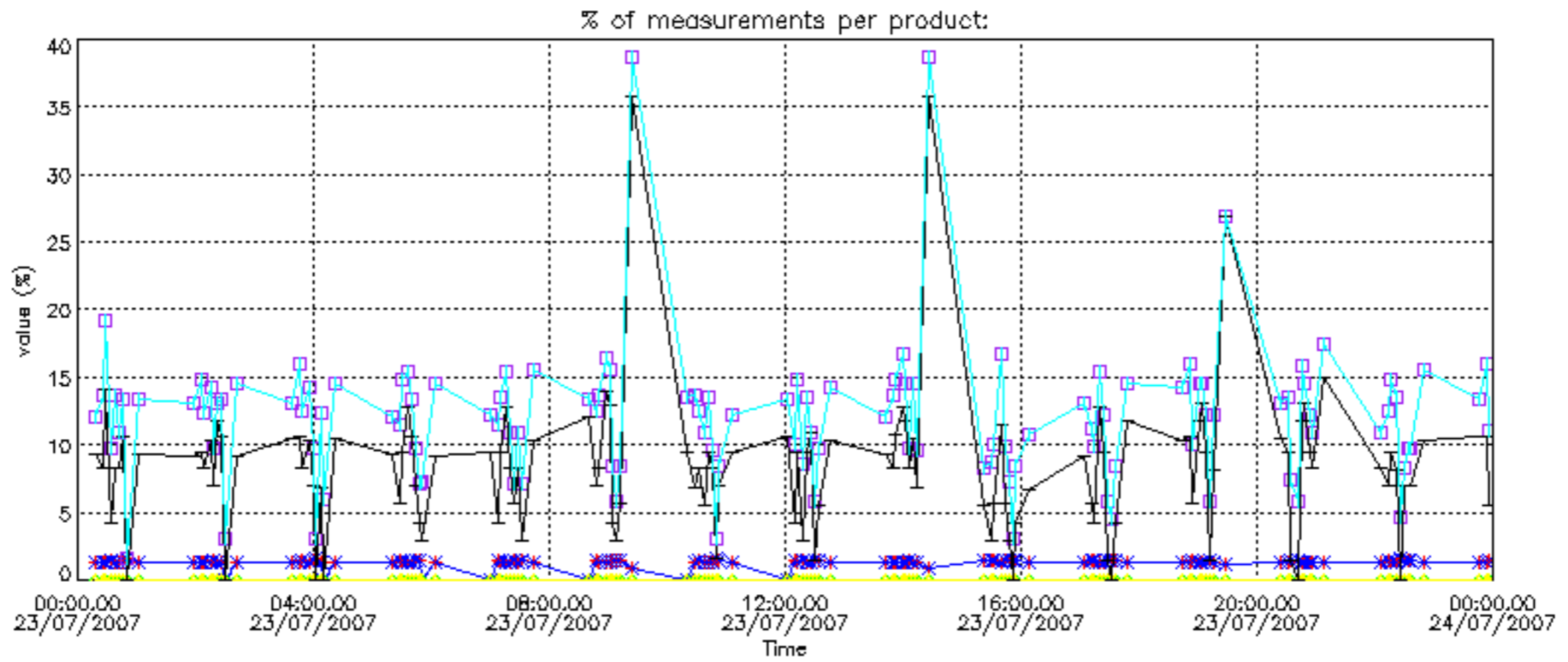


Percentage of flagged data per NO3 profile

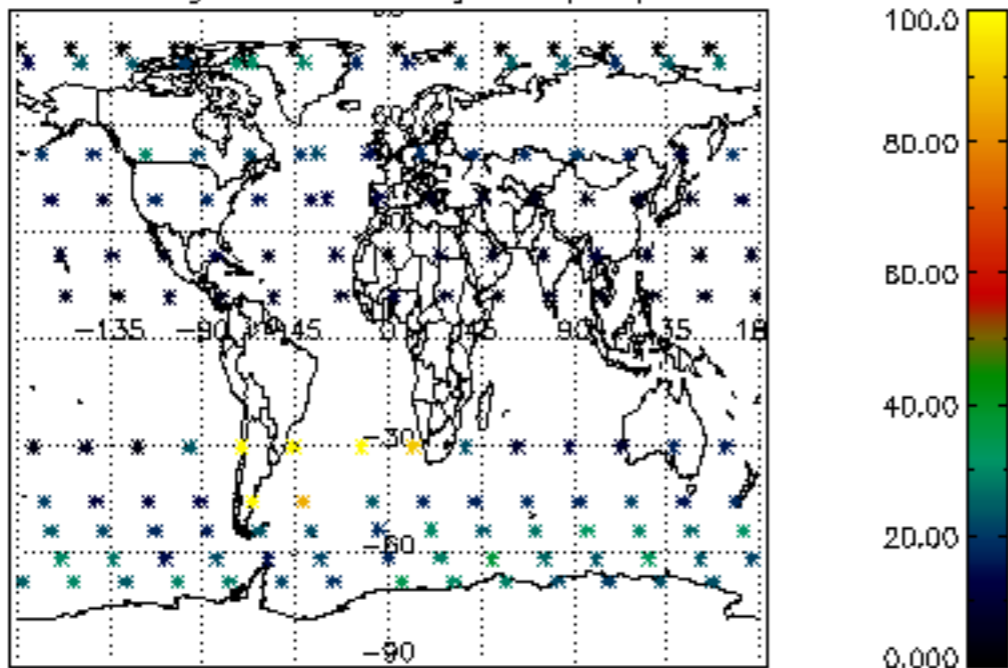




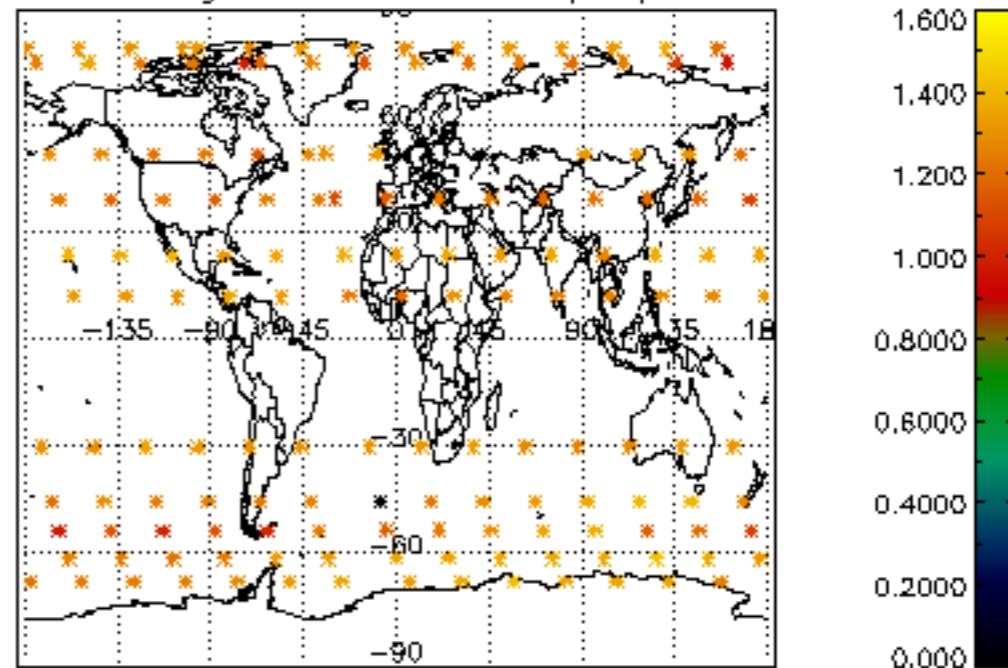




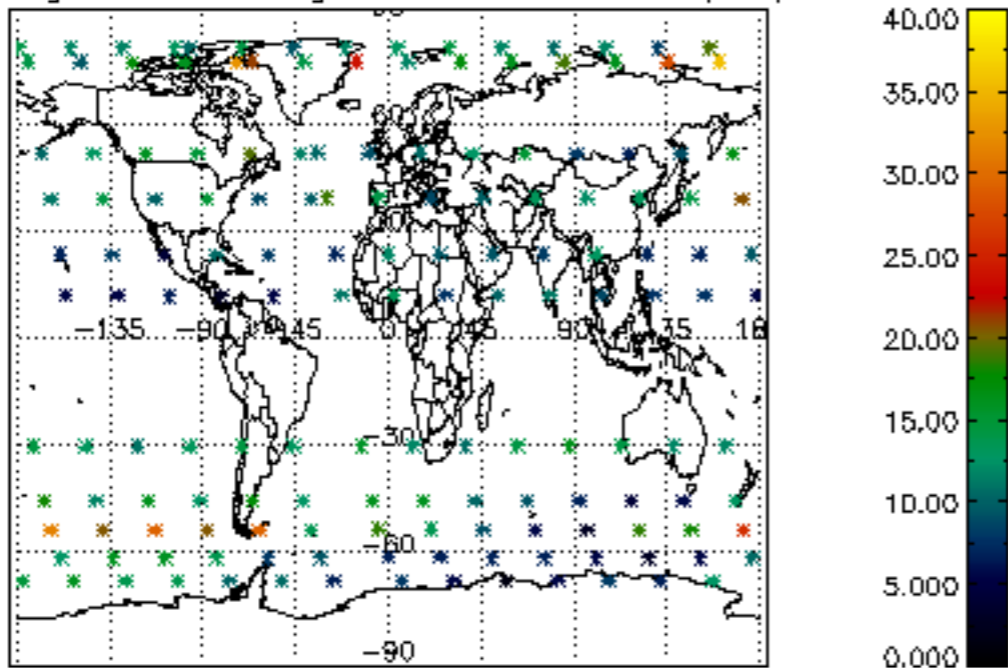
Percentage of cosmic ray hits per profile



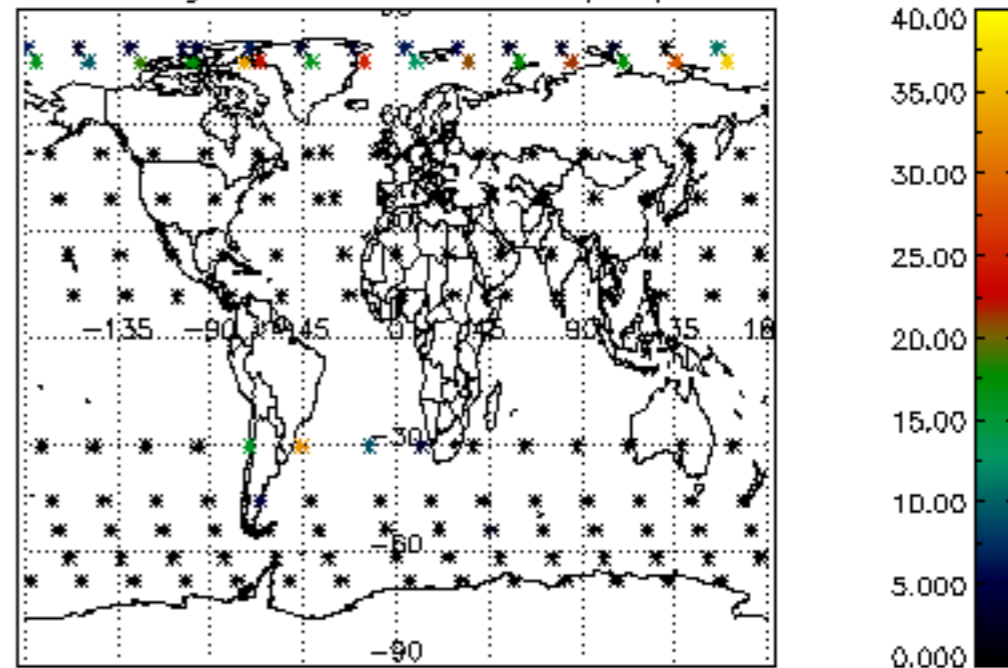
Percentage of datation errors per profile



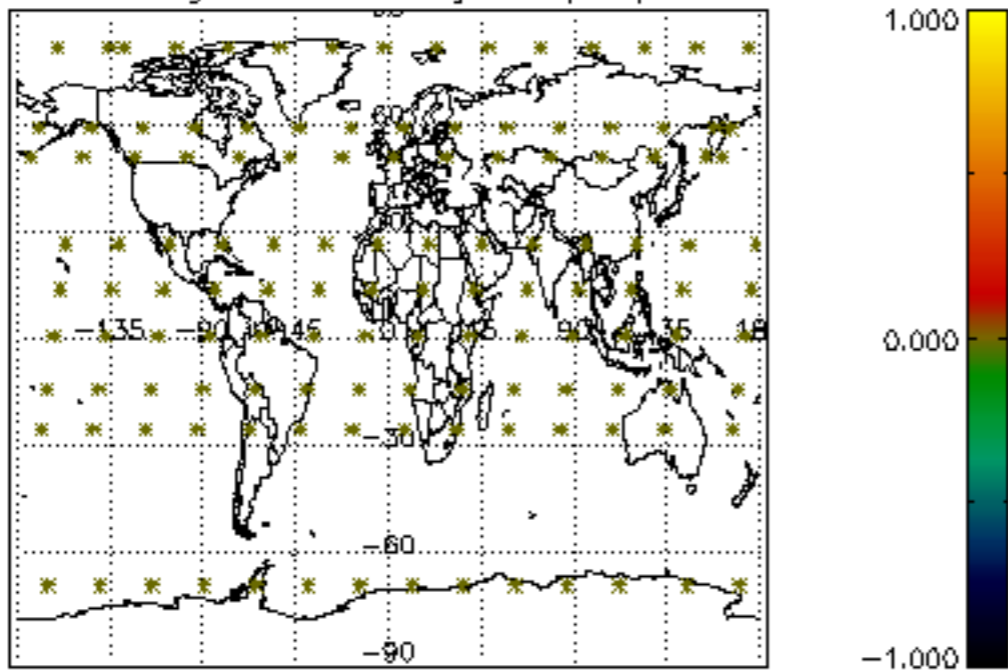
Percentage of star falling outside central band per profile



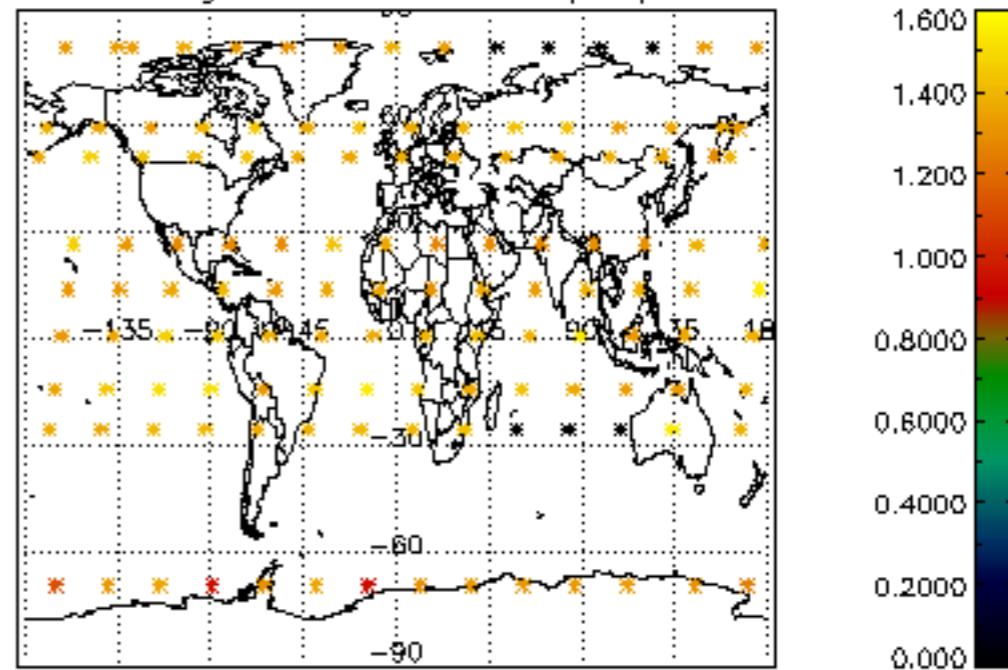
Percentage of saturation errors per profile



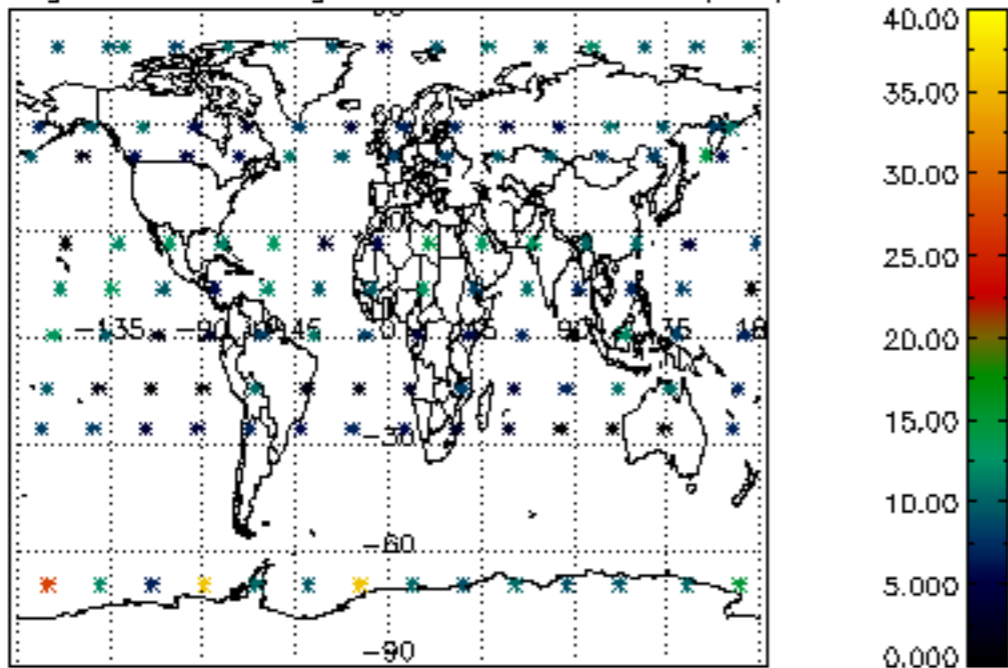
Percentage of cosmic ray hits per profile



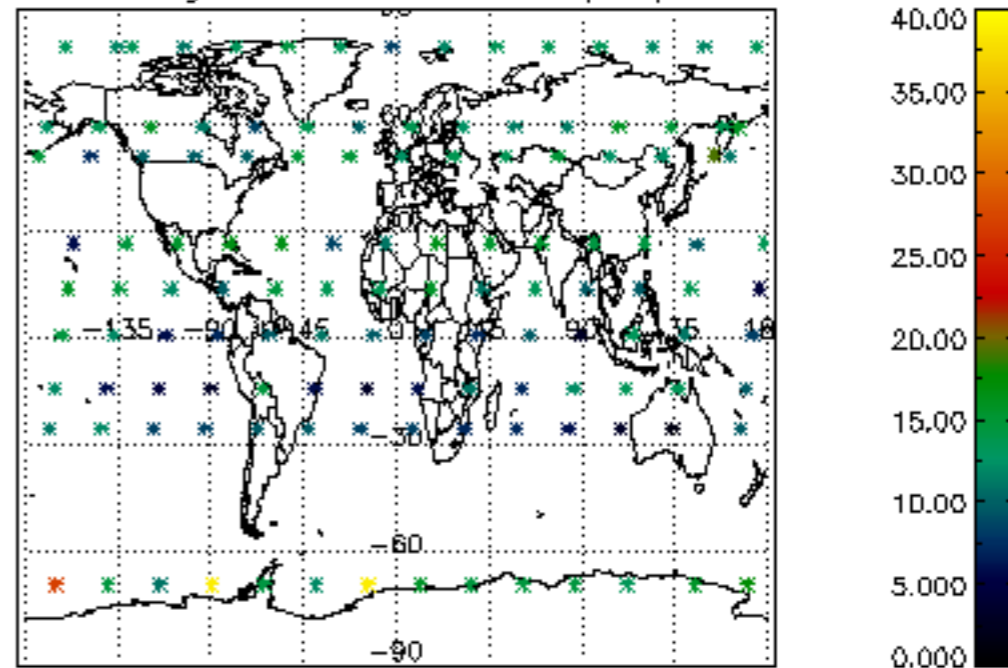
Percentage of datation errors per profile



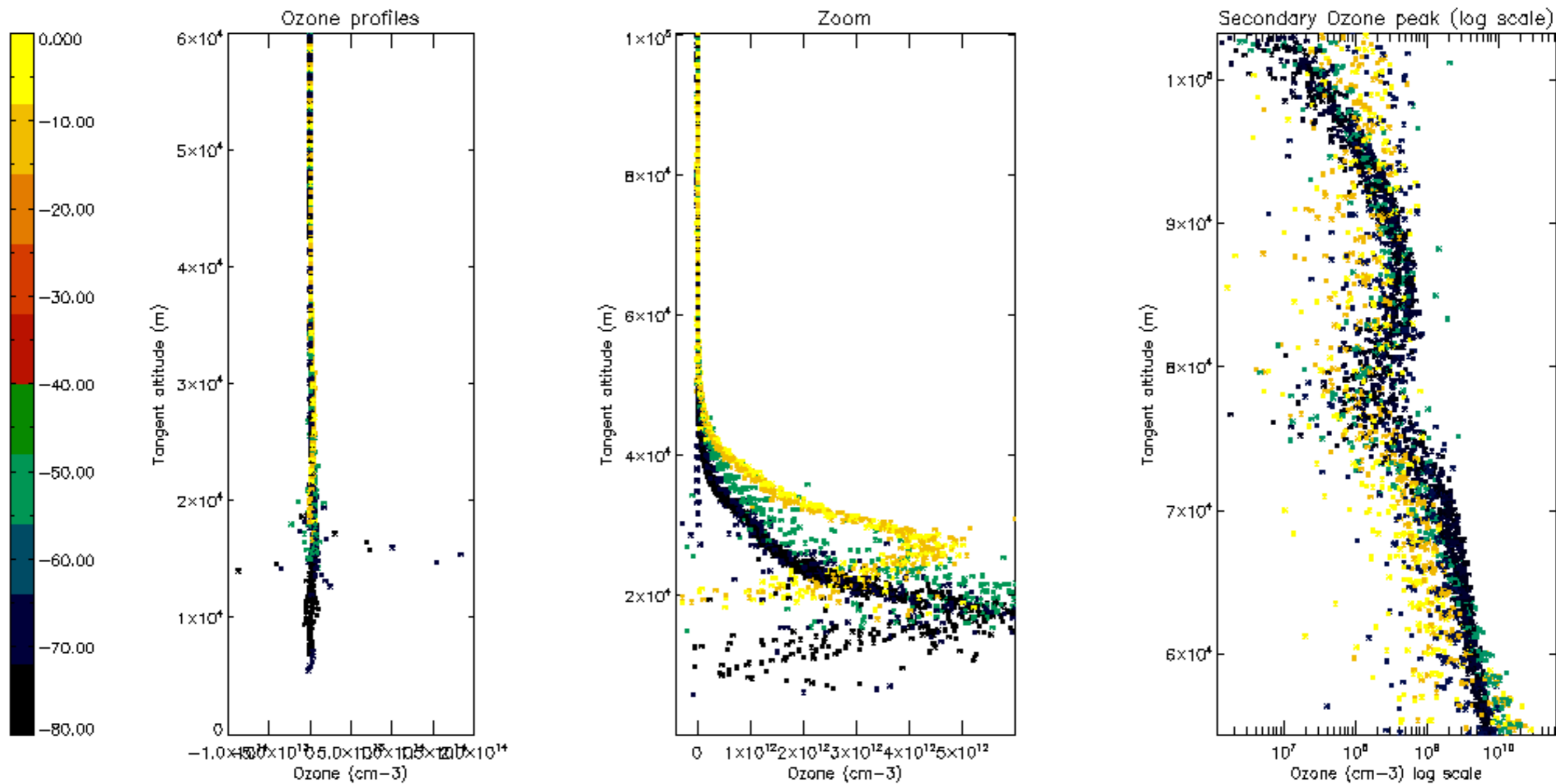
Percentage of star falling outside central band per profile

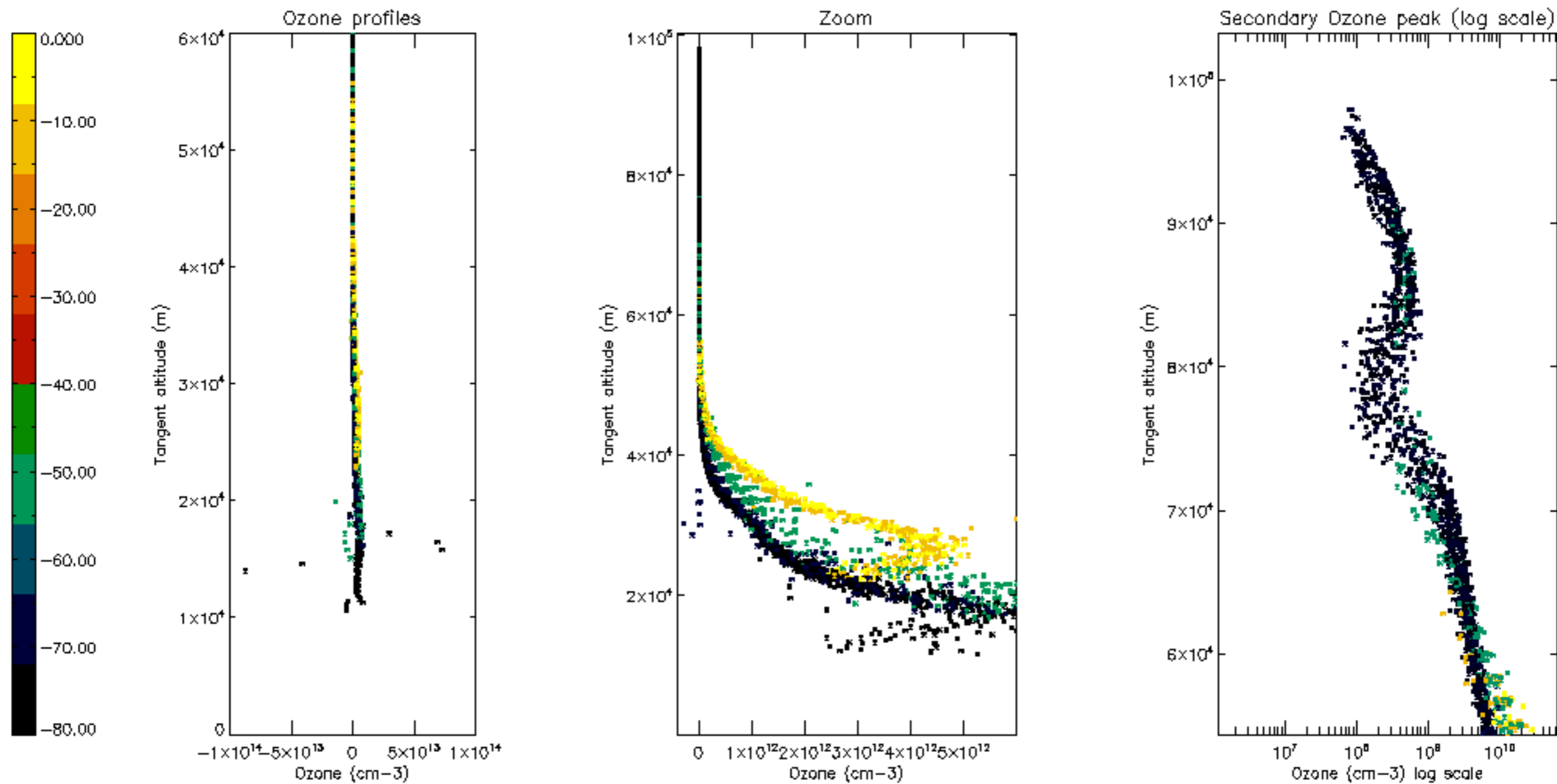


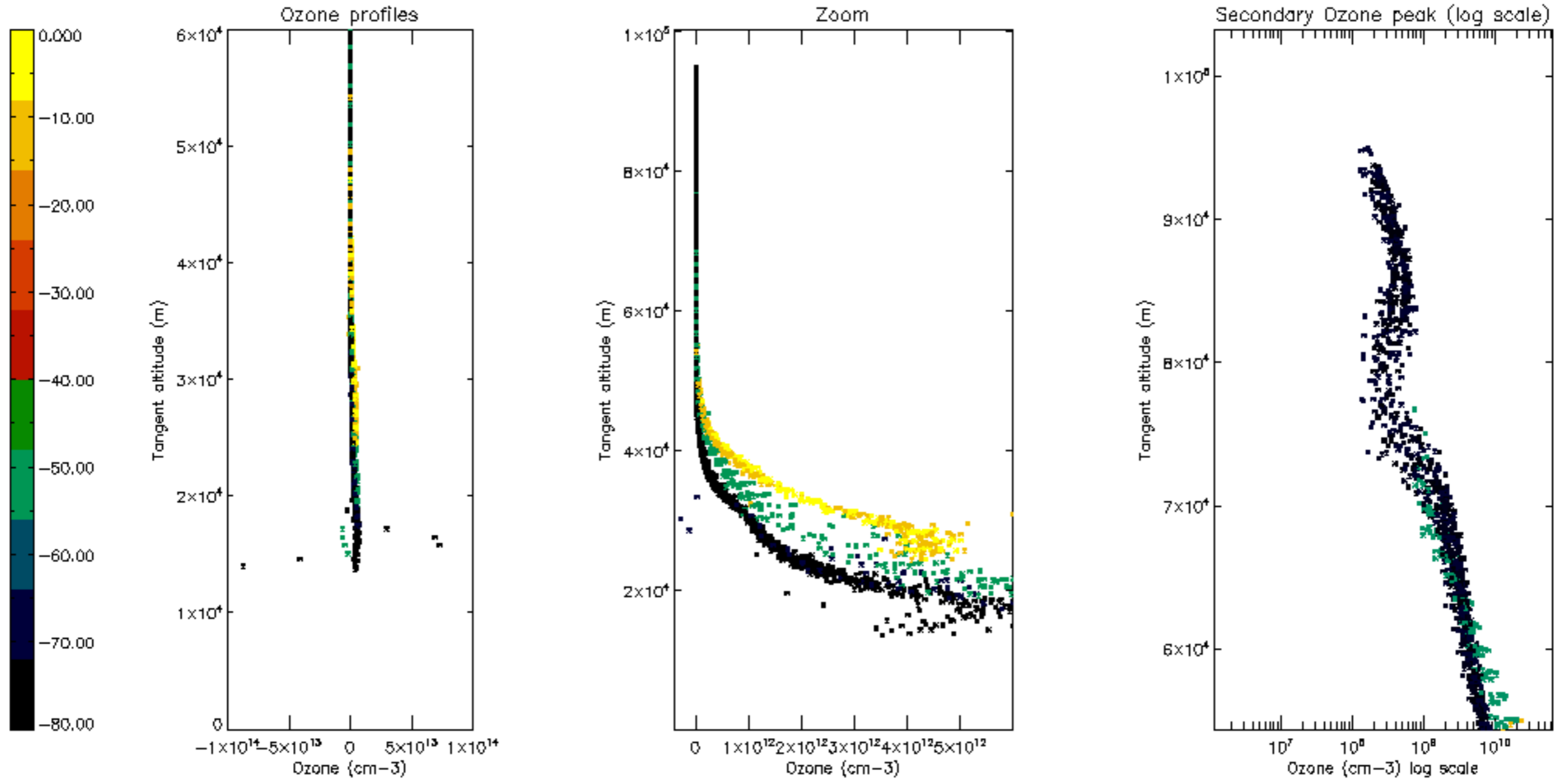
Percentage of saturation errors per profile

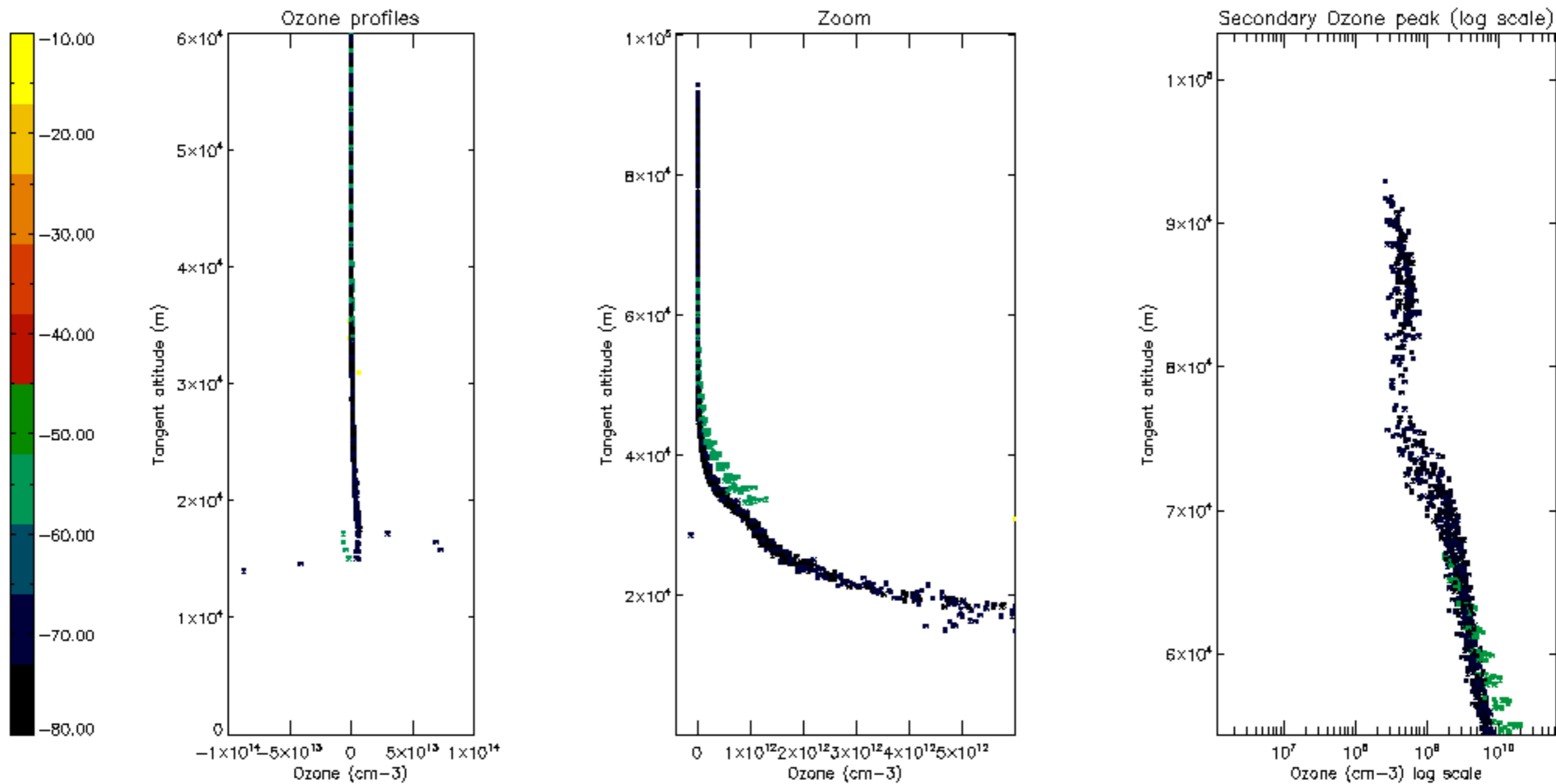




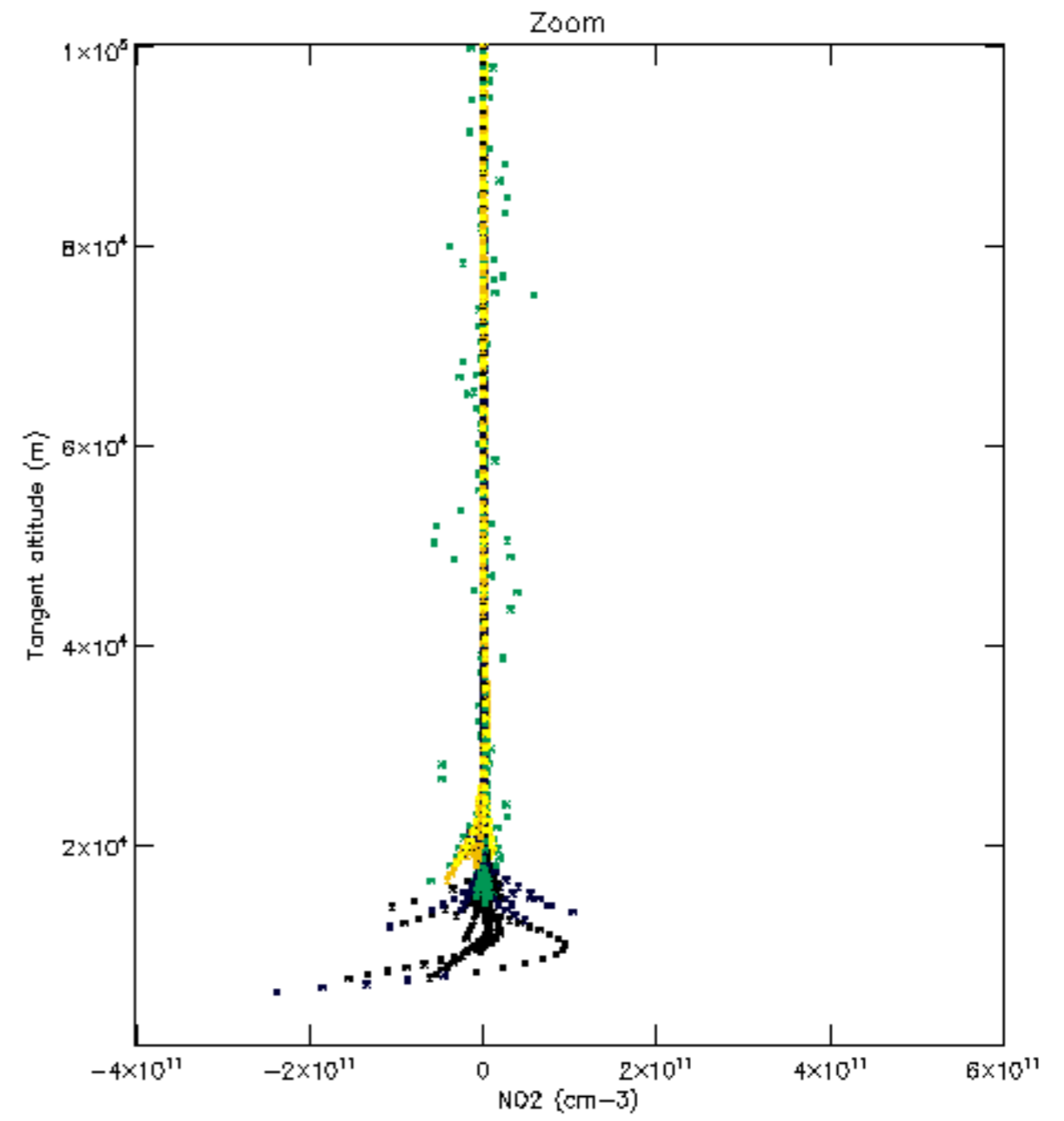
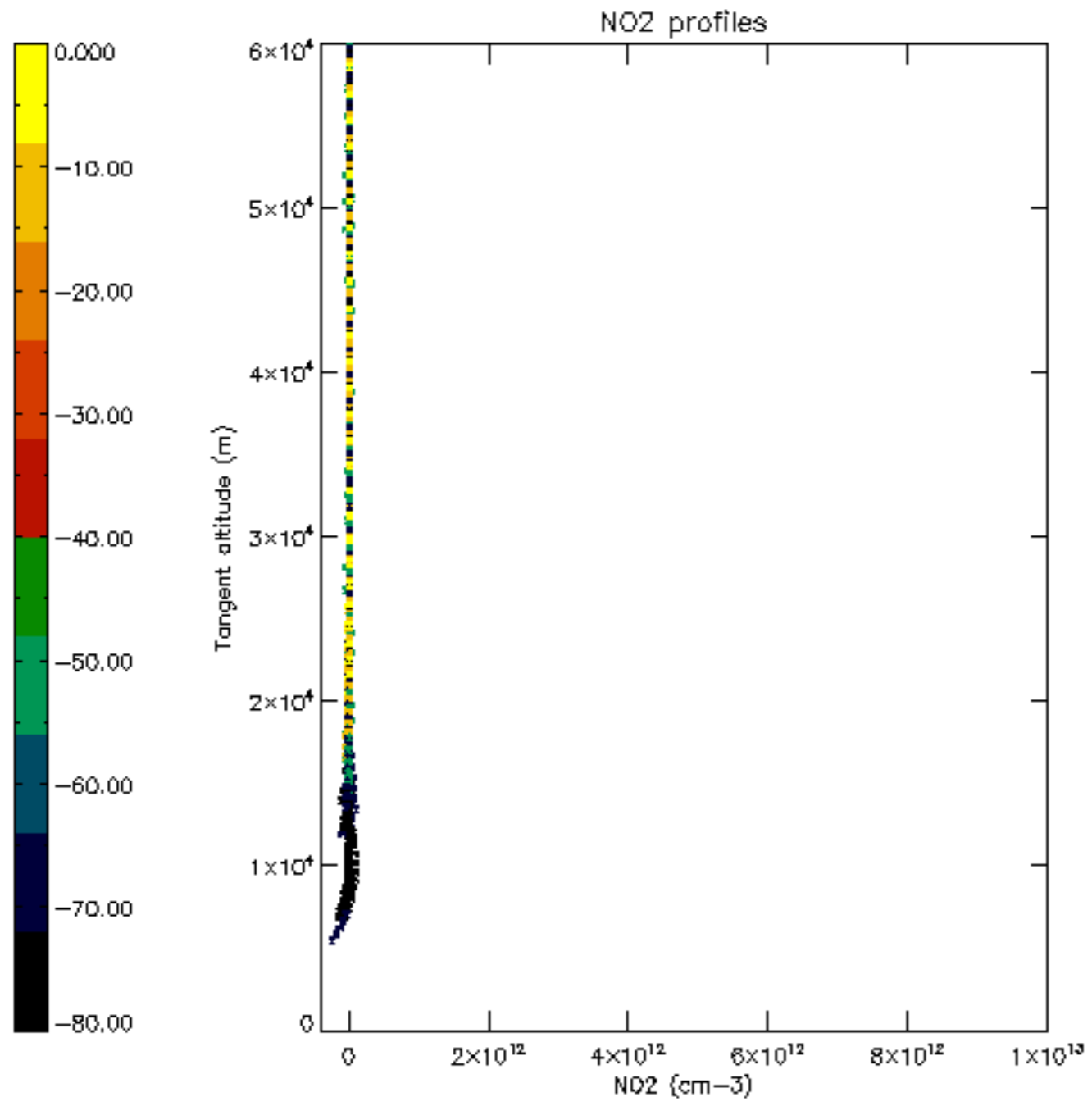


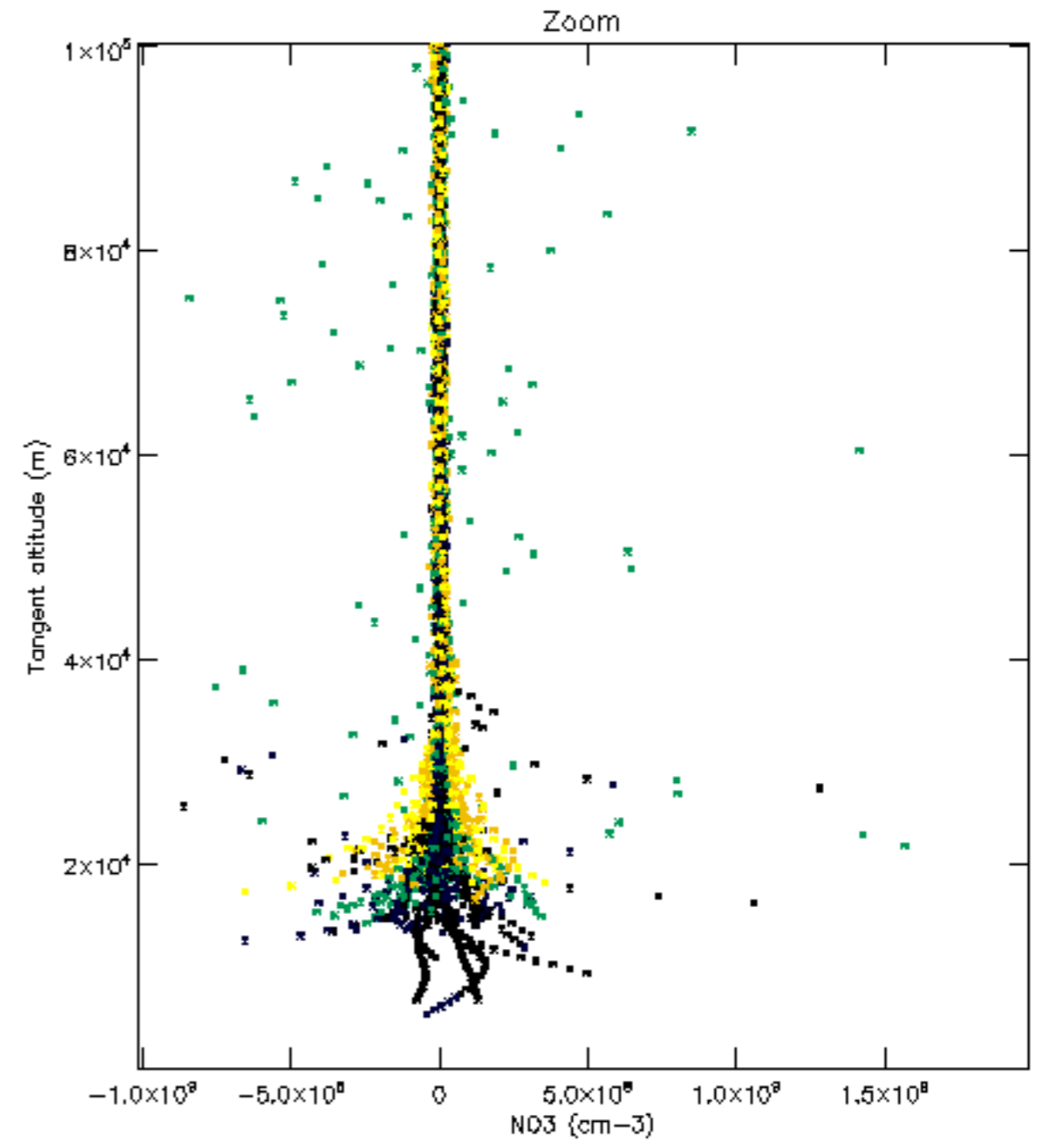
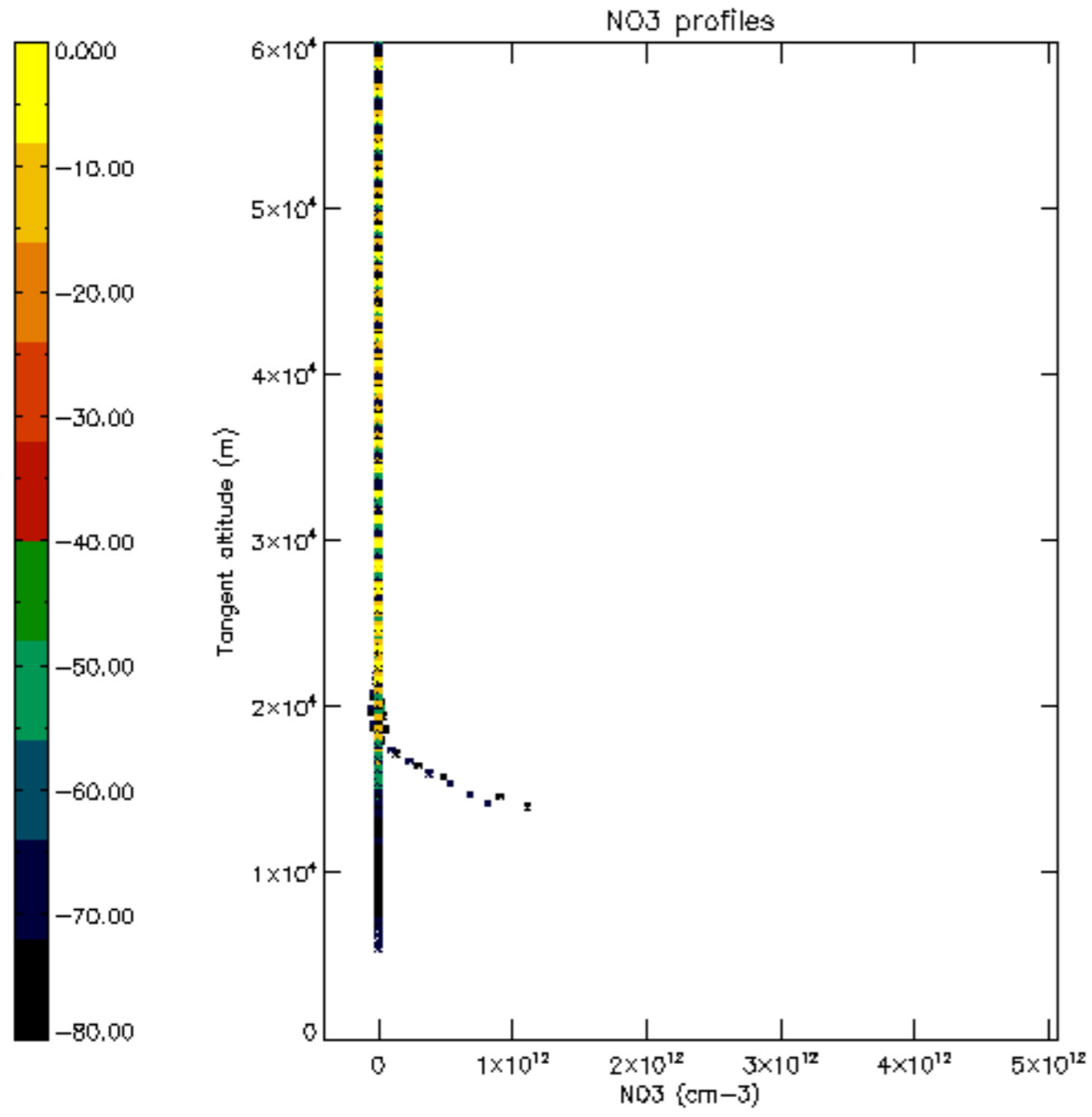


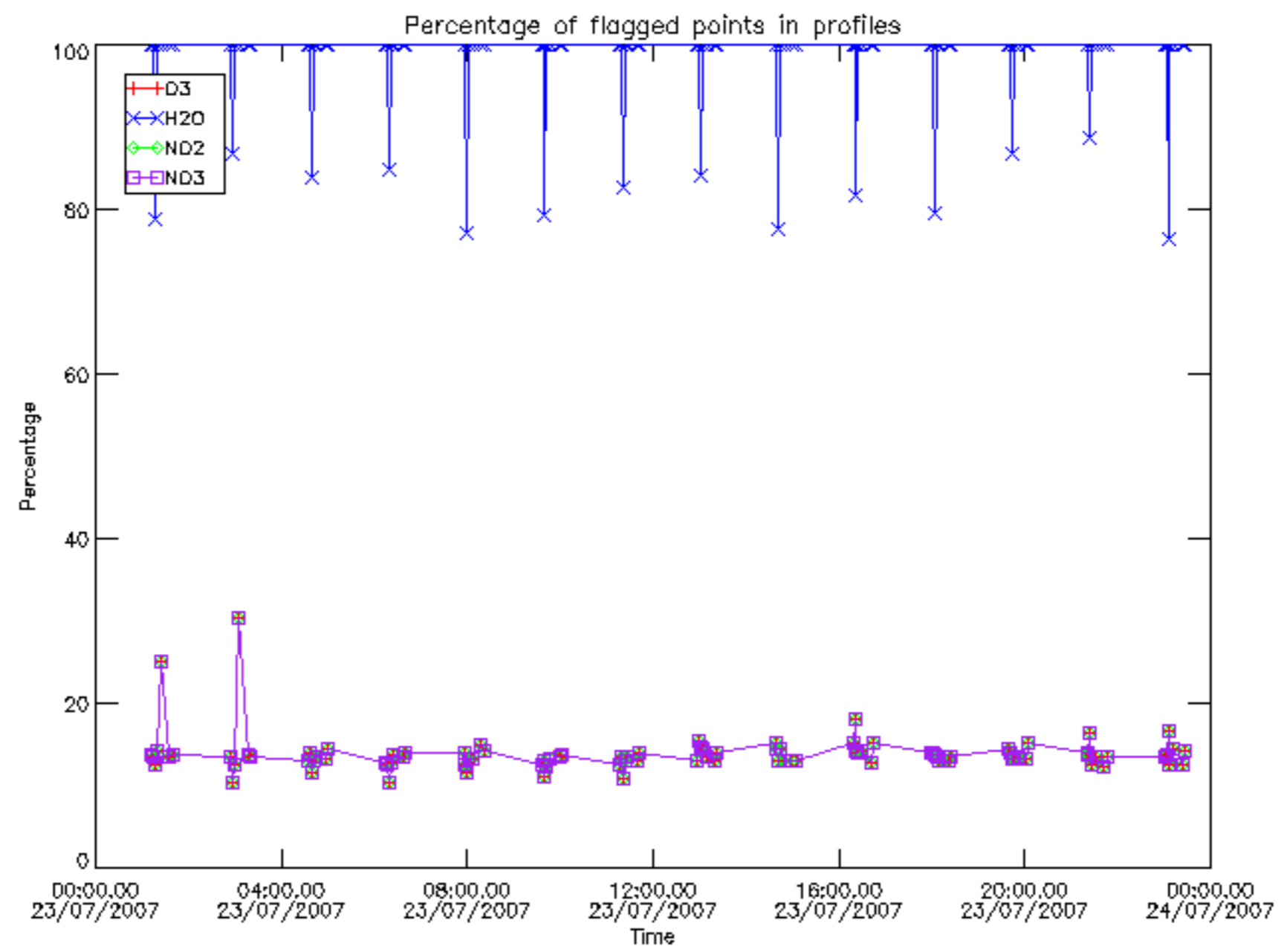




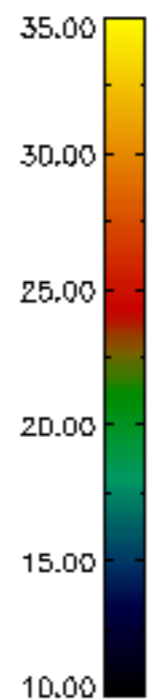
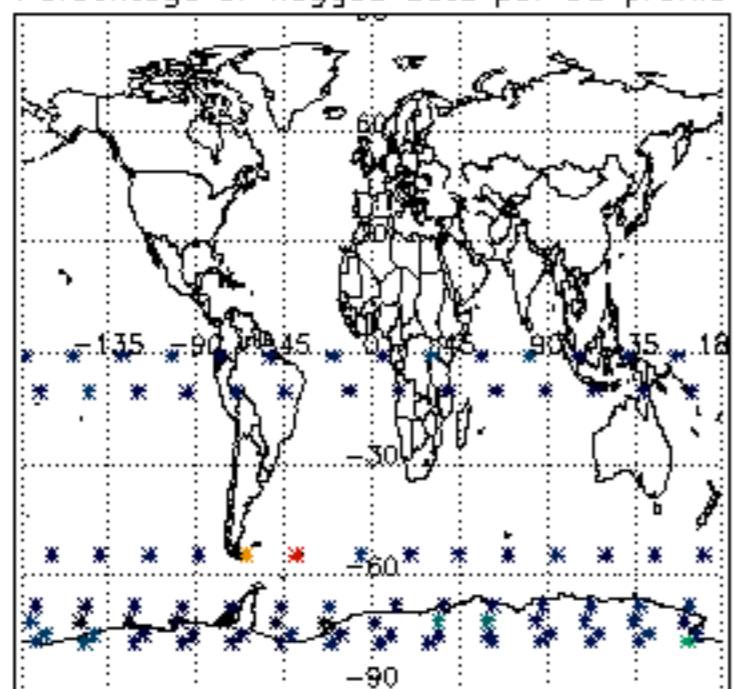




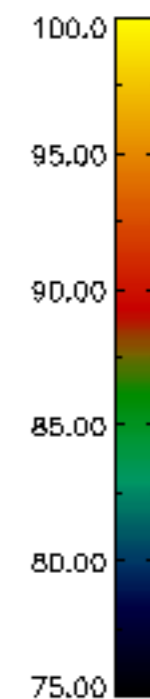
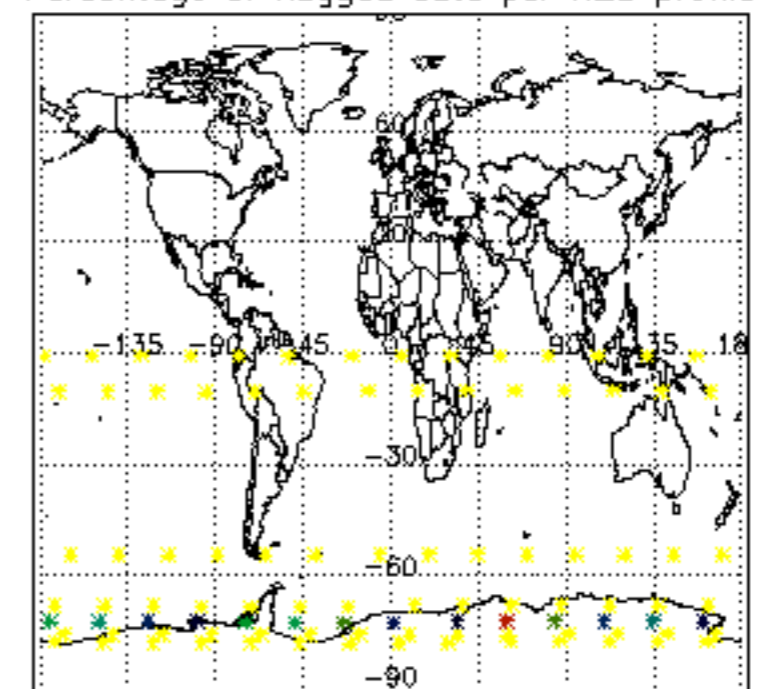




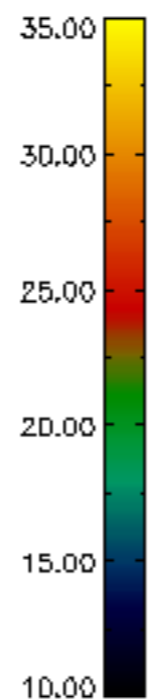
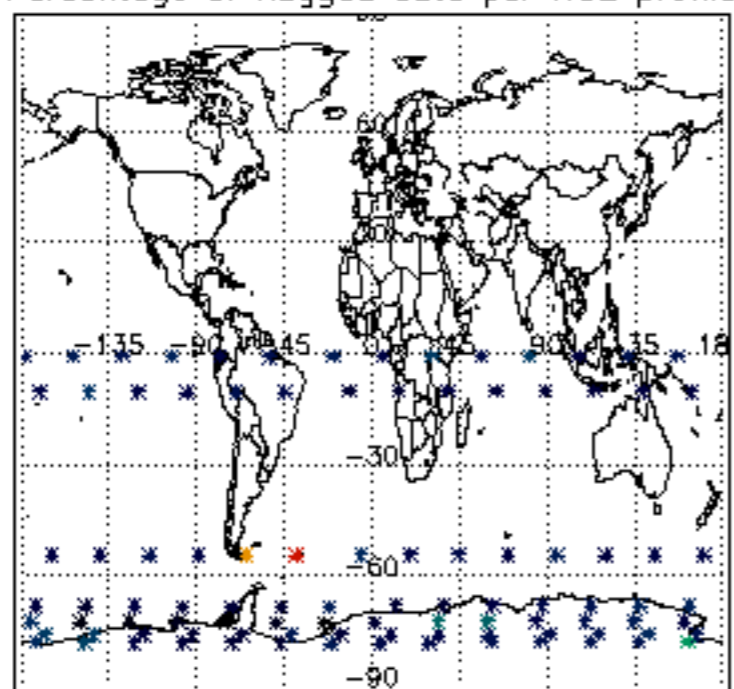
Percentage of flagged data per D3 profile



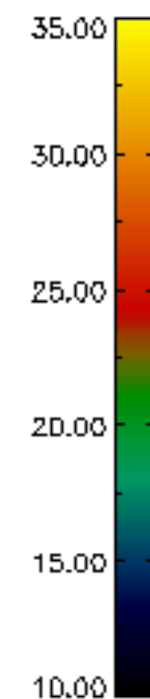
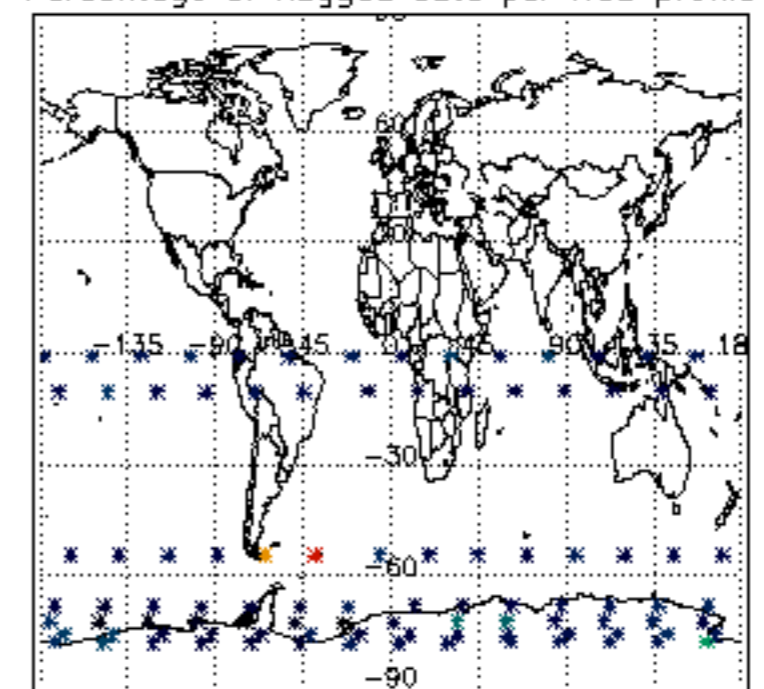
Percentage of flagged data per H2O profile



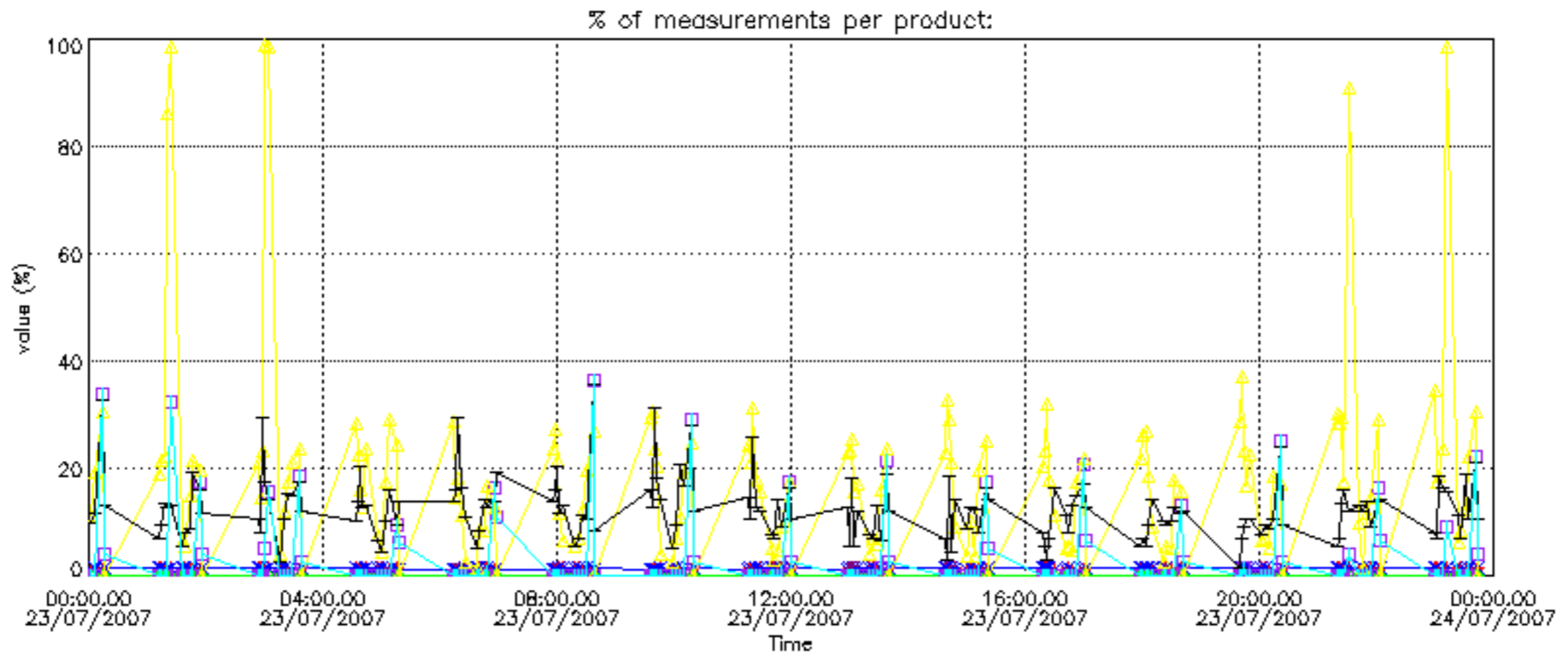
Percentage of flagged data per NO2 profile

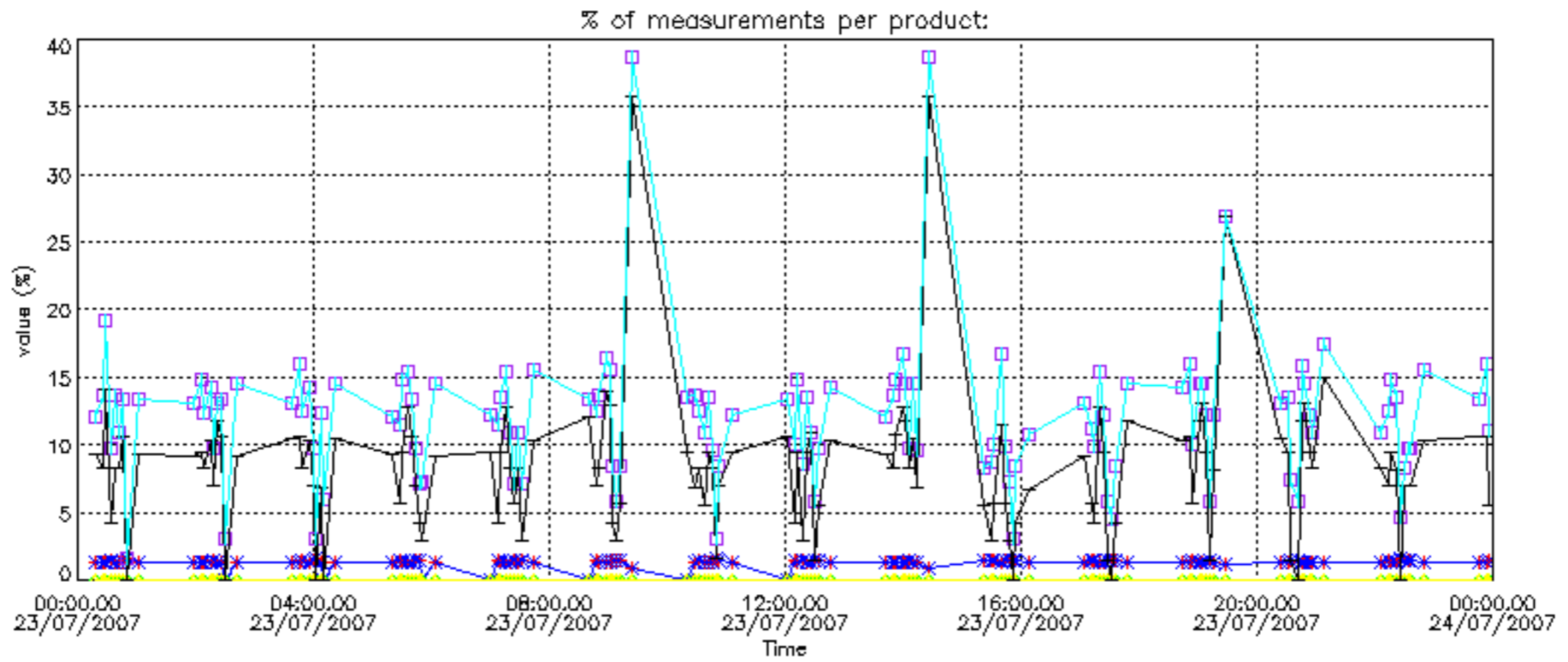


Percentage of flagged data per NO3 profile

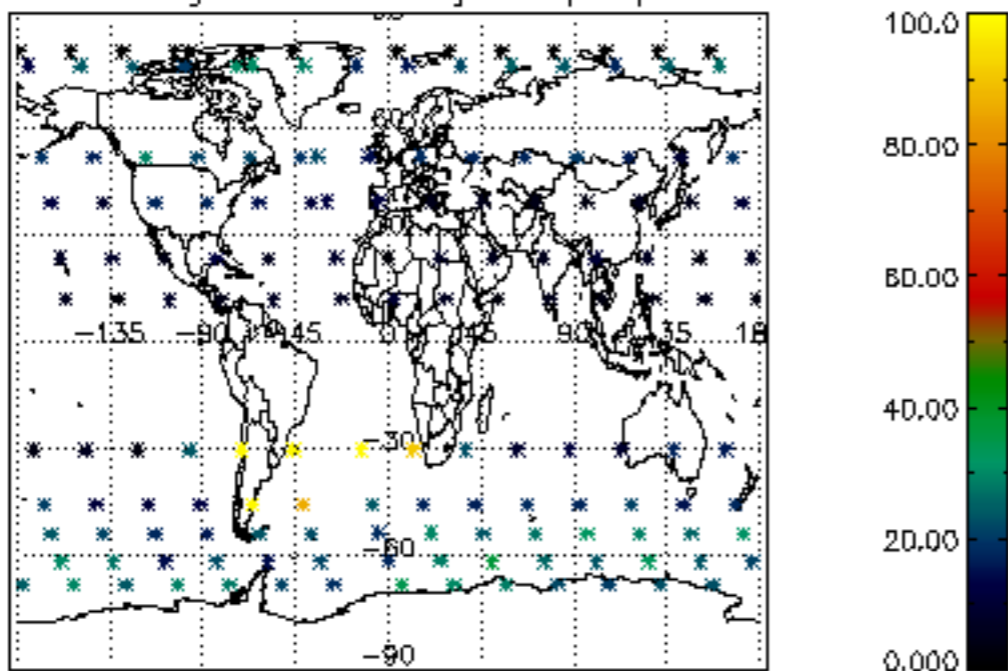




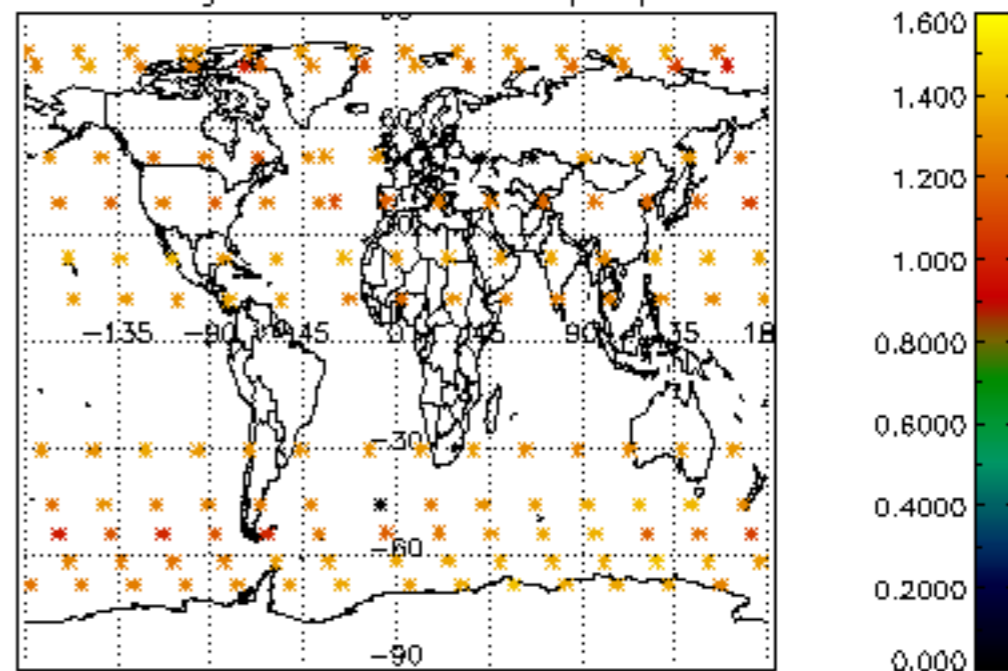




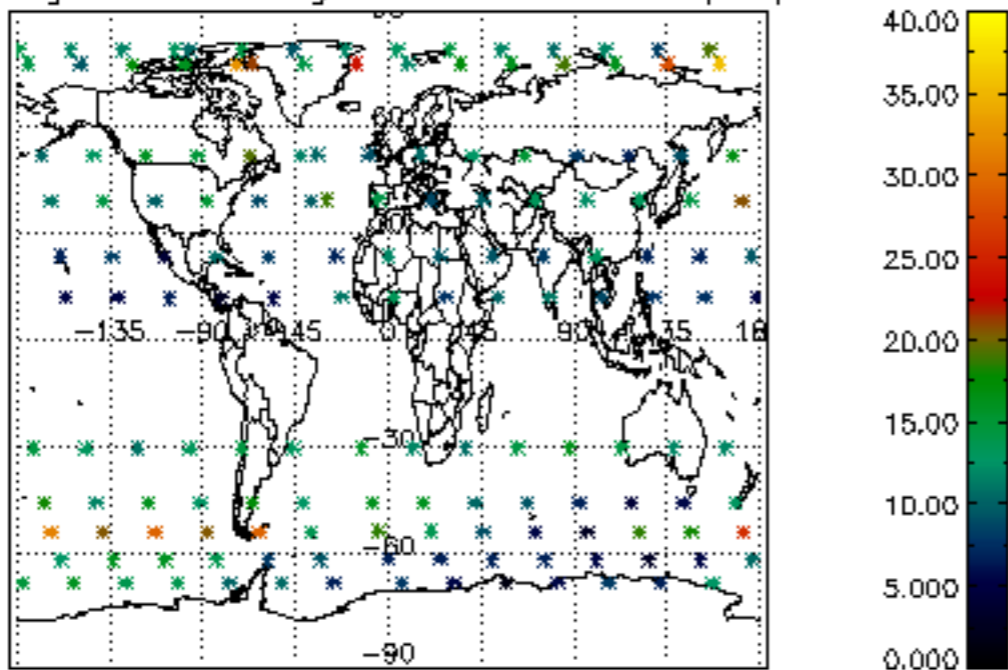
Percentage of cosmic ray hits per profile



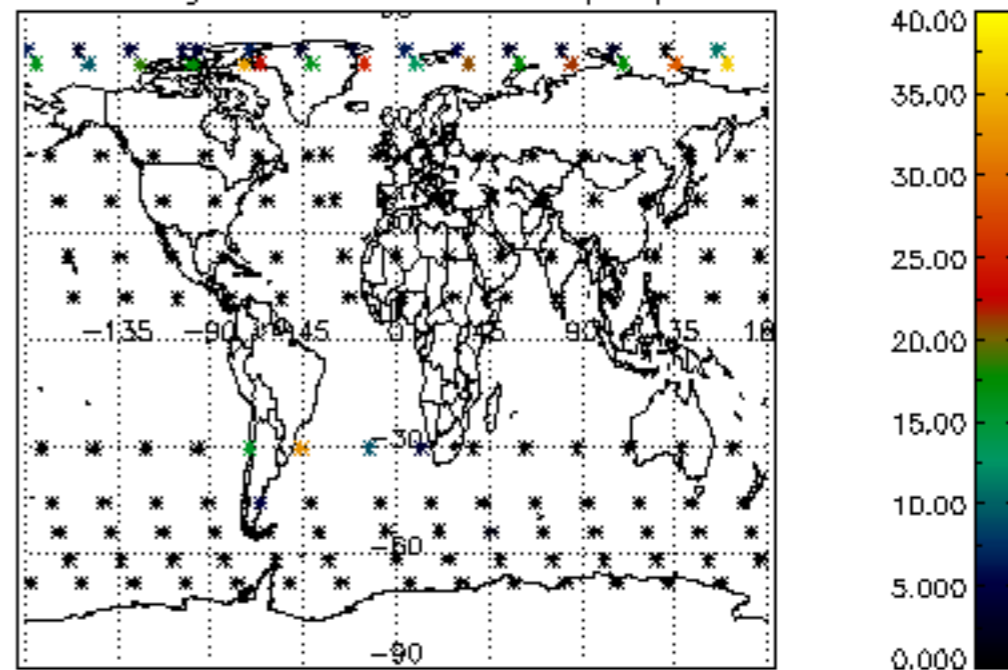
Percentage of datation errors per profile



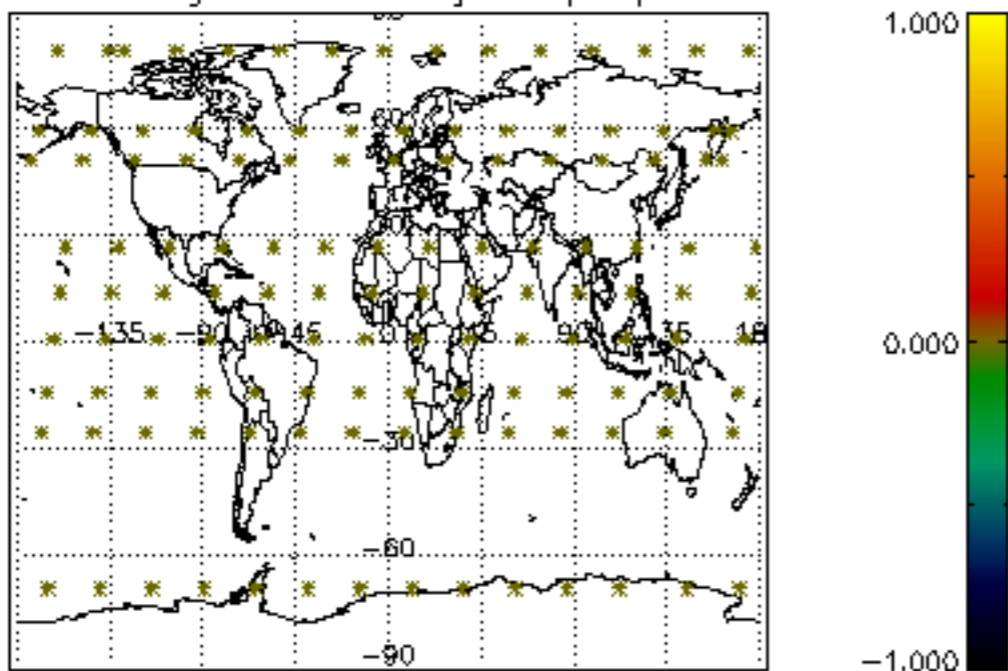
Percentage of star falling outside central band per profile



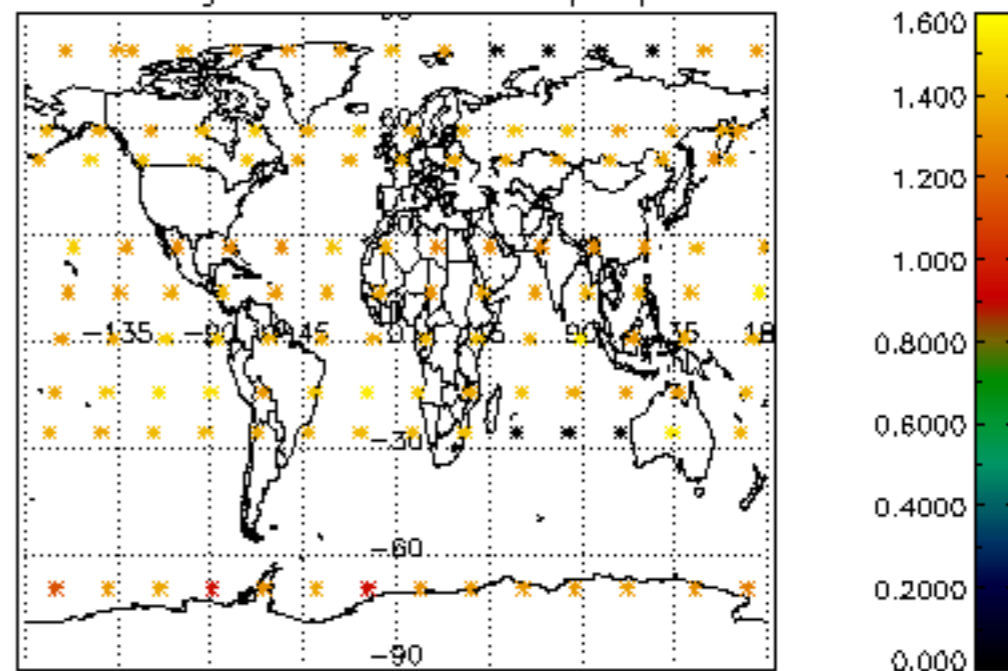
Percentage of saturation errors per profile



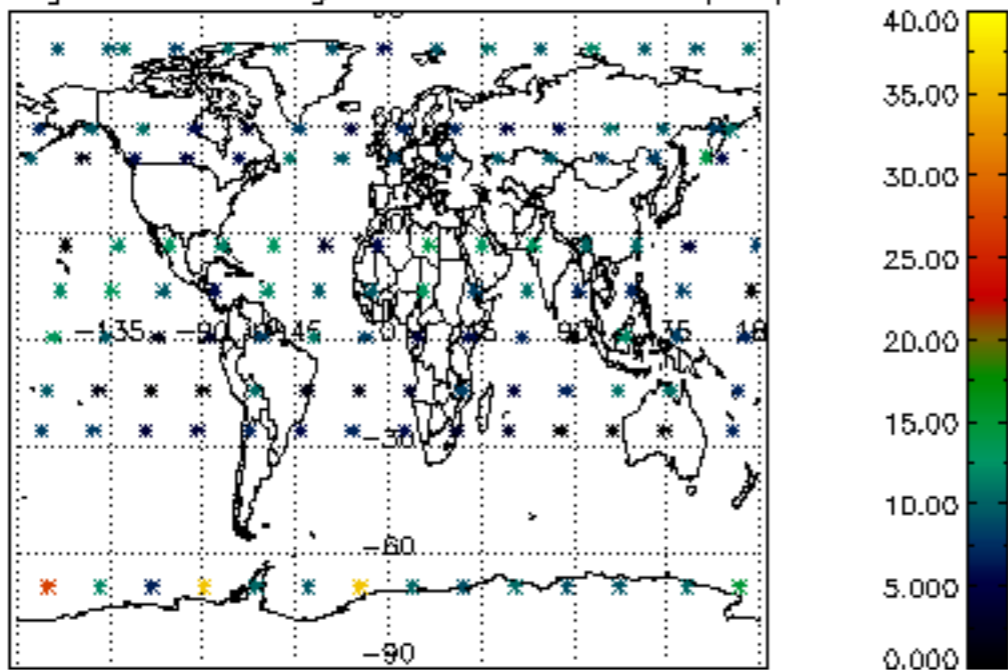
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

