GOMOS Level 2 Daily Report

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1. General info

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	23APR2013 02:39:08
Data source version	GOMOS/6.01
Start time of products	29-08-2007 (29AUG2007 00:00:00)
Stop time of products	30-08-2007 (30AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	284
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__2PRFIN20070829_000233_000000372061_00116_28727_1578.N1	29-AUG-2007 00:02:33	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	28727	No
2	GOM_NL__2PRFIN20070829_000508_000000452061_00116_28727_1579.N1	29-AUG-2007 00:05:08	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	28727	No
3	GOM_NL__2PRFIN20070829_000802_000000492061_00116_28727_1580.N1	29-AUG-2007 00:08:02	Twi_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	28727	No
4	GOM_NL__2PRFIN20070829_001008_000000482061_00116_28727_1581.N1	29-AUG-2007 00:10:08	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28727	No
5	GOM_NL__2PRFIN20070829_001733_000000522061_00116_28727_1582.N1	29-AUG-2007 00:17:33	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28727	No
6	GOM_NL__2PRFIN20070829_002023_000000412061_00116_28727_1583.N1	29-AUG-2007 00:20:23	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	28727	No
7	GOM_NL__2PRFIN20070829_003837_000000432061_00117_28728_1575.N1	29-AUG-2007 00:38:37	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28728	No
8	GOM_NL__2PRFIN20070829_004435_000000402061_00117_28728_1576.N1	29-AUG-2007 00:44:35	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	28728	No
9	GOM_NL__2PRFIN20070829_004618_000000462061_00117_28728_1577.N1	29-AUG-2007 00:46:18	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	28728	No
10	GOM_NL__2PRFIN20070829_005059_000000482061_00117_28728_1578.N1	29-AUG-2007 00:50:59	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	28728	No
11	GOM_NL__2PRFIN20070829_005556_000000542061_00117_28728_1579.N1	29-AUG-2007 00:55:56	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	28728	No
12	GOM_NL__2PRFIN20070829_005907_000000382061_00117_28728_1580.N1	29-AUG-2007 00:59:07	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28728	No
13	GOM_NL__2PRFIN20070829_010041_000000412061_00117_28728_1581.N1	29-AUG-2007 01:00:41	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28728	No
14	GOM_NL__2PRFIN20070829_010342_000000392061_00117_28728_1582.N1	29-AUG-2007 01:03:42	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28728	No
15	GOM_NL__2PRFIN20070829_011030_000000352061_00117_28728_1583.N1	29-AUG-2007 01:10:30	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28728	No
16	GOM_NL__2PRFIN20070829_011341_000000372061_00117_28728_1584.N1	29-AUG-2007 01:13:41	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	28728	No
17	GOM_NL__2PRFIN20070829_011845_000000372061_00117_28728_1585.N1	29-AUG-2007 01:18:45	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28728	No
18	GOM_NL__2PRFIN20070829_012619_000000352061_00117_28728_1586.N1	29-AUG-2007 01:26:19	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28728	No
19	GOM_NL__2PRFIN20070829_014309_000000352061_00117_28728_1587.N1	29-AUG-2007 01:43:09	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28728	No
20	GOM_NL__2PRFIN20070829_014544_000000462061_00117_28728_1588.N1	29-AUG-2007 01:45:44	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	28728	No
21	GOM_NL__2PRFIN20070829_014838_000000432061_00117_28728_1589.N1	29-AUG-2007 01:48:38	Twi_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	28728	No
22	GOM_NL__2PRFIN20070829_015044_000000402061_00117_28728_1590.N1	29-AUG-2007 01:50:44	Twilight	39.500	8	10Alp CMi	0.40000	6500.0	79	28728	No
23	GOM_NL__2PRFIN20070829_015810_000000492061_00117_28728_1591.N1	29-AUG-2007 01:58:10	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28728	No
24	GOM_NL__2PRFIN20070829_015932_000000402061_00117_28728_1592.N1	29-AUG-2007 01:59:32	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28728	No
25	GOM_NL__2PRFIN20070829_020100_000000452061_00117_28728_1593.N1	29-AUG-2007 02:01:00	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28728	No
26	GOM_NL__2PRFIN20070829_021914_000000532061_00118_28729_1597.N1	29-AUG-2007 02:19:14	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28729	No
27	GOM_NL__2PRFIN20070829_022512_000000402061_00118_28729_1598.N1	29-AUG-2007 02:25:12	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	28729	No
28	GOM_NL__2PRFIN20070829_022655_000000452061_00118_28729_1599.N1	29-AUG-2007 02:26:55	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	28729	No
29	GOM_NL__2PRFIN20070829_023135_000000492061_00118_28729_1600.N1	29-AUG-2007 02:31:35	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	28729	No
30	GOM_NL__2PRFIN20070829_023633_000000492061_00118_28729_1601.N1	29-AUG-2007 02:36:33	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	28729	No
31	GOM_NL__2PRFIN20070829_023943_000000382061_00118_28729_1602.N1	29-AUG-2007 02:39:43	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28729	No
32	GOM_NL__2PRFIN20070829_024117_000000422061_00118_28729_1603.N1	29-AUG-2007 02:41:17	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	28729	No
33	GOM_NL__2PRFIN20070829_024418_000000402061_00118_28729_1604.N1	29-AUG-2007 02:44:18	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	28729	No
34	GOM_NL__2PRFIN20070829_025106_000000382061_00118_28729_1605.N1	29-AUG-2007 02:51:06	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28729	No
35	GOM_NL__2PRFIN20070829_025417_000000352061_00118_28729_1606.N1	29-AUG-2007 02:54:17	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28729	No
36	GOM_NL__2PRFIN20070829_025921_000000352061_00118_28729_1607.N1	29-AUG-2007 02:59:21	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28729	No
37	GOM_NL__2PRFIN20070829_030655_000000352061_00118_28729_1608.N1	29-AUG-2007 03:06:55	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28729	No
38	GOM_NL__2PRFIN20070829_032345_000000372061_00118_28729_1609.N1	29-AUG-2007 03:23:45	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	28729	No
39	GOM_NL__2PRFIN20070829_032620_000000452061_00118_28729_1610.N1	29-AUG-2007 03:26:20	Bright	45.000	170	27Eps Gem	3.0000	9700.0	90	28729	No
40	GOM_NL__2PRFIN20070829_032914_000000472061_00118_28729_1611.N1	29-AUG-2007 03:29:14	Twi_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	28729	No
41	GOM_NL__2PRFIN20070829_033120_000000402061_00118_28729_1612.N1	29-AUG-2007 03:31:20	Twilight	40.000	8	10Alp CMi	0.40000	6500.0	80	28729	No
42	GOM_NL__2PRFIN20070829_033846_000000492061_00118_28729_1613.N1	29-AUG-2007 03:38:46	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28729	No

43	GOM_NL__2PRFIN20070829_034008_000000422061_00118_28729_1614.N1	29-AUG-2007 03:40:08	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	28729	No
44	GOM_NL__2PRFIN20070829_034136_000000432061_00118_28729_1615.N1	29-AUG-2007 03:41:36	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28729	No
45	GOM_NL__2PRFIN20070829_034308_000000412061_00118_28729_1616.N1	29-AUG-2007 03:43:08	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28729	No
46	GOM_NL__2PRFIN20070829_035951_000000462061_00119_28730_1609.N1	29-AUG-2007 03:59:51	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28730	No
47	GOM_NL__2PRFIN20070829_040548_000000432061_00119_28730_1610.N1	29-AUG-2007 04:05:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	28730	No
48	GOM_NL__2PRFIN20070829_040731_000000482061_00119_28730_1611.N1	29-AUG-2007 04:07:31	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	28730	No
49	GOM_NL__2PRFIN20070829_041212_000000492061_00119_28730_1612.N1	29-AUG-2007 04:12:12	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28730	No
50	GOM_NL__2PRFIN20070829_041709_000000472061_00119_28730_1613.N1	29-AUG-2007 04:17:09	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	28730	No
51	GOM_NL__2PRFIN20070829_042019_000000372061_00119_28730_1614.N1	29-AUG-2007 04:20:19	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	28730	No
52	GOM_NL__2PRFIN20070829_042153_000000412061_00119_28730_1615.N1	29-AUG-2007 04:21:53	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28730	No
53	GOM_NL__2PRFIN20070829_042454_000000392061_00119_28730_1616.N1	29-AUG-2007 04:24:54	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28730	No
54	GOM_NL__2PRFIN20070829_043142_000000382061_00119_28730_1617.N1	29-AUG-2007 04:31:42	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28730	No
55	GOM_NL__2PRFIN20070829_043453_000000372061_00119_28730_1618.N1	29-AUG-2007 04:34:53	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	28730	No
56	GOM_NL__2PRFIN20070829_043956_000000362061_00119_28730_1619.N1	29-AUG-2007 04:39:56	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28730	No
57	GOM_NL__2PRFIN20070829_044731_000000332061_00119_28730_1620.N1	29-AUG-2007 04:47:31	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28730	No
58	GOM_NL__2PRFIN20070829_050422_000000352061_00119_28730_1621.N1	29-AUG-2007 05:04:22	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28730	No
59	GOM_NL__2PRFIN20070829_050657_000000482061_00119_28730_1622.N1	29-AUG-2007 05:06:57	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	28730	No
60	GOM_NL__2PRFIN20070829_050950_000000502061_00119_28730_1623.N1	29-AUG-2007 05:09:50	Twi_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	28730	No
61	GOM_NL__2PRFIN20070829_051156_000000402061_00119_28730_1624.N1	29-AUG-2007 05:11:56	Twilight	40.000	8	10Alp CMi	0.40000	6500.0	80	28730	No
62	GOM_NL__2PRFIN20070829_051923_000000472061_00119_28730_1625.N1	29-AUG-2007 05:19:23	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28730	No
63	GOM_NL__2PRFIN20070829_052044_000000402061_00119_28730_1626.N1	29-AUG-2007 05:20:44	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28730	No
64	GOM_NL__2PRFIN20070829_052213_000000402061_00119_28730_1627.N1	29-AUG-2007 05:22:13	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28730	No
65	GOM_NL__2PRFIN20070829_052345_000000392061_00119_28730_1628.N1	29-AUG-2007 05:23:45	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28730	No
66	GOM_NL__2PRFIN20070829_054027_000000452061_00120_28731_1623.N1	29-AUG-2007 05:40:27	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28731	No
67	GOM_NL__2PRFIN20070829_054625_000000432061_00120_28731_1624.N1	29-AUG-2007 05:46:25	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	28731	No
68	GOM_NL__2PRFIN20070829_054807_000000472061_00120_28731_1625.N1	29-AUG-2007 05:48:07	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	28731	No
69	GOM_NL__2PRFIN20070829_055248_000000502061_00120_28731_1626.N1	29-AUG-2007 05:52:48	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	28731	No
70	GOM_NL__2PRFIN20070829_055745_000000452061_00120_28731_1627.N1	29-AUG-2007 05:57:45	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	28731	No
71	GOM_NL__2PRFIN20070829_060056_000000392061_00120_28731_1628.N1	29-AUG-2007 06:00:56	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28731	No
72	GOM_NL__2PRFIN20070829_060229_000000402061_00120_28731_1629.N1	29-AUG-2007 06:02:29	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	28731	No
73	GOM_NL__2PRFIN20070829_060530_000000412061_00120_28731_1630.N1	29-AUG-2007 06:05:30	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	28731	No
74	GOM_NL__2PRFIN20070829_061218_000000372061_00120_28731_1631.N1	29-AUG-2007 06:12:18	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28731	No
75	GOM_NL__2PRFIN20070829_061529_000000372061_00120_28731_1632.N1	29-AUG-2007 06:15:29	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28731	No
76	GOM_NL__2PRFIN20070829_062033_000000372061_00120_28731_1633.N1	29-AUG-2007 06:20:33	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28731	No
77	GOM_NL__2PRFIN20070829_062807_000000352061_00120_28731_1634.N1	29-AUG-2007 06:28:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28731	No
78	GOM_NL__2PRFIN20070829_064458_000000362061_00120_28731_1635.N1	29-AUG-2007 06:44:58	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28731	No
79	GOM_NL__2PRFIN20070829_064733_000000472061_00120_28731_1636.N1	29-AUG-2007 06:47:33	Bright	46.500	170	27Eps Gem	3.0000	9700.0	93	28731	No
80	GOM_NL__2PRFIN20070829_065027_000000492061_00120_28731_1637.N1	29-AUG-2007 06:50:27	Twi_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	28731	No
81	GOM_NL__2PRFIN20070829_065233_000000412061_00120_28731_1638.N1	29-AUG-2007 06:52:33	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28731	No
82	GOM_NL__2PRFIN20070829_065959_000000492061_00120_28731_1639.N1	29-AUG-2007 06:59:59	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28731	No
83	GOM_NL__2PRFIN20070829_070121_000000412061_00120_28731_1640.N1	29-AUG-2007 07:01:21	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	28731	No
84	GOM_NL__2PRFIN20070829_070249_000000452061_00120_28731_1641.N1	29-AUG-2007 07:02:49	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28731	No
85	GOM_NL__2PRFIN20070829_070422_000000412061_00120_28731_1642.N1	29-AUG-2007 07:04:22	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28731	No
86	GOM_NL__2PRFIN20070829_072104_000000542061_00121_28732_1636.N1	29-AUG-2007 07:21:04	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28732	No
87	GOM_NL__2PRFIN20070829_072702_000000472061_00121_28732_1637.N1	29-AUG-2007 07:27:02	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28732	No
88	GOM_NL__2PRFIN20070829_072844_000000522061_00121_28732_1638.N1	29-AUG-2007 07:28:44	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	28732	No
89	GOM_NL__2PRFIN20070829_073324_000000492061_00121_28732_1639.N1	29-AUG-2007 07:33:24	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	28732	No
90	GOM_NL__2PRFIN20070829_073821_000000472061_00121_28732_1640.N1	29-AUG-2007 07:38:21	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	28732	No
91	GOM_NL__2PRFIN20070829_074132_000000382061_00121_28732_1641.N1	29-AUG-2007 07:41:32	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28732	No
92	GOM_NL__2PRFIN20070829_074305_000000402061_00121_28732_1642.N1	29-AUG-2007 07:43:05	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28732	No
93	GOM_NL__2PRFIN20070829_074606_000000392061_00121_28732_1643.N1	29-AUG-2007 07:46:06	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28732	No
94	GOM_NL__2PRFIN20070829_075254_000000372061_00121_28732_1644.N1	29-AUG-2007 07:52:54	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28732	No
95	GOM_NL__2PRFIN20070829_075605_000000372061_00121_28732_1645.N1	29-AUG-2007 07:56:05	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28732	No
96	GOM_NL__2PRFIN20070829_080108_000000362061_00121_28732_1646.N1	29-AUG-2007 08:01:08	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28732	No
97	GOM_NL__2PRFIN20070829_080843_000000362061_00121_28732_1647.N1	29-AUG-2007 08:08:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28732	No
98	GOM_NL__2PRFIN20070829_082534_000000362061_00121_28732_1648.N1	29-AUG-2007 08:25:34	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28732	No
99	GOM_NL__2PRFIN20070829_082809_000000492061_00121_28732_1649.N1	29-AUG-2007 08:28:09	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	28732	No
100	GOM_NL__2PRFIN20070829_083103_000000492061_00121_28732_1650.N1	29-AUG-2007 08:31:03	Twi_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	28732	No
101	GOM_NL__2PRFIN20070829_083309_000000422061_00121_28732_1651.N1	29-AUG-2007 08:33:09	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	28732	No

102	GOM_NL__2PRFIN20070829_084036_000000492061_00121_28732_1652.N1	29-AUG-2007 08:40:36	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28732	No
103	GOM_NL__2PRFIN20070829_084157_000000412061_00121_28732_1653.N1	29-AUG-2007 08:41:57	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	28732	No
104	GOM_NL__2PRFIN20070829_084325_000000432061_00121_28732_1654.N1	29-AUG-2007 08:43:25	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28732	No
105	GOM_NL__2PRFIN20070829_084458_000000422061_00121_28732_1655.N1	29-AUG-2007 08:44:58	Dark	42.000	177	1Zet CMa	3.0220	26000.	84	28732	No
106	GOM_NL__2PRFIN20070829_090140_000000542061_00122_28733_1644.N1	29-AUG-2007 09:01:40	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28733	No
107	GOM_NL__2PRFIN20070829_090738_000000472061_00122_28733_1645.N1	29-AUG-2007 09:07:38	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28733	No
108	GOM_NL__2PRFIN20070829_090920_000000522061_00122_28733_1646.N1	29-AUG-2007 09:09:20	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	28733	No
109	GOM_NL__2PRFIN20070829_091400_000000502061_00122_28733_1647.N1	29-AUG-2007 09:14:00	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	28733	No
110	GOM_NL__2PRFIN20070829_091857_000000482061_00122_28733_1648.N1	29-AUG-2007 09:18:57	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28733	No
111	GOM_NL__2PRFIN20070829_092208_000000392061_00122_28733_1649.N1	29-AUG-2007 09:22:08	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28733	No
112	GOM_NL__2PRFIN20070829_092341_000000412061_00122_28733_1650.N1	29-AUG-2007 09:23:41	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28733	No
113	GOM_NL__2PRFIN20070829_092642_000000402061_00122_28733_1651.N1	29-AUG-2007 09:26:42	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	28733	No
114	GOM_NL__2PRFIN20070829_093330_000000372061_00122_28733_1652.N1	29-AUG-2007 09:33:30	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28733	No
115	GOM_NL__2PRFIN20070829_093641_000000352061_00122_28733_1653.N1	29-AUG-2007 09:36:41	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28733	No
116	GOM_NL__2PRFIN20070829_094144_000000372061_00122_28733_1654.N1	29-AUG-2007 09:41:44	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28733	No
117	GOM_NL__2PRFIN20070829_094919_000000362061_00122_28733_1655.N1	29-AUG-2007 09:49:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28733	No
118	GOM_NL__2PRFIN20070829_100610_000000432061_00122_28733_1656.N1	29-AUG-2007 10:06:10	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	28733	No
119	GOM_NL__2PRFIN20070829_100845_000000452061_00122_28733_1657.N1	29-AUG-2007 10:08:45	Bright	45.000	170	27Eps Gem	3.0000	9700.0	90	28733	No
120	GOM_NL__2PRFIN20070829_101139_000000502061_00122_28733_1658.N1	29-AUG-2007 10:11:39	Twi_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	28733	No
121	GOM_NL__2PRFIN20070829_101345_000000412061_00122_28733_1659.N1	29-AUG-2007 10:13:45	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28733	No
122	GOM_NL__2PRFIN20070829_102112_000000502061_00122_28733_1660.N1	29-AUG-2007 10:21:12	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28733	No
123	GOM_NL__2PRFIN20070829_102234_000000392061_00122_28733_1661.N1	29-AUG-2007 10:22:34	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28733	No
124	GOM_NL__2PRFIN20070829_102402_000000432061_00122_28733_1662.N1	29-AUG-2007 10:24:02	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28733	No
125	GOM_NL__2PRFIN20070829_102535_000000432061_00122_28733_1663.N1	29-AUG-2007 10:25:35	Dark	42.500	177	1Zet CMa	3.0220	26000.	85	28733	No
126	GOM_NL__2PRFIN20070829_104217_000000472061_00123_28734_1674.N1	29-AUG-2007 10:42:17	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28734	No
127	GOM_NL__2PRFIN20070829_104815_000000502061_00123_28734_1675.N1	29-AUG-2007 10:48:15	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28734	No
128	GOM_NL__2PRFIN20070829_104956_000000552061_00123_28734_1676.N1	29-AUG-2007 10:49:56	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	28734	No
129	GOM_NL__2PRFIN20070829_105436_000000492061_00123_28734_1677.N1	29-AUG-2007 10:54:36	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28734	No
130	GOM_NL__2PRFIN20070829_105933_000000472061_00123_28734_1678.N1	29-AUG-2007 10:59:33	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	28734	No
131	GOM_NL__2PRFIN20070829_110243_000000382061_00123_28734_1679.N1	29-AUG-2007 11:02:43	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28734	No
132	GOM_NL__2PRFIN20070829_110417_000000412061_00123_28734_1680.N1	29-AUG-2007 11:04:17	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28734	No
133	GOM_NL__2PRFIN20070829_110718_000000392061_00123_28734_1681.N1	29-AUG-2007 11:07:18	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28734	No
134	GOM_NL__2PRFIN20070829_111405_000000372061_00123_28734_1682.N1	29-AUG-2007 11:14:05	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28734	No
135	GOM_NL__2PRFIN20070829_111717_000000382061_00123_28734_1683.N1	29-AUG-2007 11:17:17	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28734	No
136	GOM_NL__2PRFIN20070829_112220_000000372061_00123_28734_1684.N1	29-AUG-2007 11:22:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28734	No
137	GOM_NL__2PRFIN20070829_112954_000000372061_00123_28734_1685.N1	29-AUG-2007 11:29:54	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28734	No
138	GOM_NL__2PRFIN20070829_114646_000000362061_00123_28734_1686.N1	29-AUG-2007 11:46:46	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28734	No
139	GOM_NL__2PRFIN20070829_114921_000000502061_00123_28734_1687.N1	29-AUG-2007 11:49:21	Bright	49.500	170	27Eps Gem	3.0000	9700.0	99	28734	No
140	GOM_NL__2PRFIN20070829_115215_000000482061_00123_28734_1688.N1	29-AUG-2007 11:52:15	Twi_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	28734	No
141	GOM_NL__2PRFIN20070829_115421_000000482061_00123_28734_1689.N1	29-AUG-2007 11:54:21	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28734	No
142	GOM_NL__2PRFIN20070829_120148_000000492061_00123_28734_1690.N1	29-AUG-2007 12:01:48	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28734	No
143	GOM_NL__2PRFIN20070829_120310_000000402061_00123_28734_1691.N1	29-AUG-2007 12:03:10	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28734	No
144	GOM_NL__2PRFIN20070829_120438_000000432061_00123_28734_1692.N1	29-AUG-2007 12:04:38	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28734	No
145	GOM_NL__2PRFIN20070829_120611_000000412061_00123_28734_1693.N1	29-AUG-2007 12:06:11	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28734	No
146	GOM_NL__2PRFIN20070829_122253_000000452061_00124_28735_1682.N1	29-AUG-2007 12:22:53	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28735	No
147	GOM_NL__2PRFIN20070829_122851_000000502061_00124_28735_1683.N1	29-AUG-2007 12:28:51	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28735	No
148	GOM_NL__2PRFIN20070829_123032_000000442061_00124_28735_1684.N1	29-AUG-2007 12:30:32	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	28735	No
149	GOM_NL__2PRFIN20070829_123513_000000492061_00124_28735_1685.N1	29-AUG-2007 12:35:13	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28735	No
150	GOM_NL__2PRFIN20070829_124009_000000482061_00124_28735_1686.N1	29-AUG-2007 12:40:09	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28735	No
151	GOM_NL__2PRFIN20070829_124319_000000382061_00124_28735_1687.N1	29-AUG-2007 12:43:19	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28735	No
152	GOM_NL__2PRFIN20070829_124452_000000412061_00124_28735_1688.N1	29-AUG-2007 12:44:52	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28735	No
153	GOM_NL__2PRFIN20070829_124753_000000382061_00124_28735_1689.N1	29-AUG-2007 12:47:53	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28735	No
154	GOM_NL__2PRFIN20070829_125441_000000362061_00124_28735_1690.N1	29-AUG-2007 12:54:41	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28735	No
155	GOM_NL__2PRFIN20070829_125753_000000342061_00124_28735_1691.N1	29-AUG-2007 12:57:53	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	28735	No
156	GOM_NL__2PRFIN20070829_130256_000000362061_00124_28735_1692.N1	29-AUG-2007 13:02:56	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28735	No
157	GOM_NL__2PRFIN20070829_131030_000000362061_00124_28735_1693.N1	29-AUG-2007 13:10:30	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28735	No
158	GOM_NL__2PRFIN20070829_132722_000000372061_00124_28735_1694.N1	29-AUG-2007 13:27:22	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	28735	No
159	GOM_NL__2PRFIN20070829_132958_000000482061_00124_28735_1695.N1	29-AUG-2007 13:29:58	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	28735	No
160	GOM_NL__2PRFIN20070829_133252_000000512061_00124_28735_1696.N1	29-AUG-2007 13:32:52	Twi_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	28735	No

161	GOM_NL__2PRFIN20070829_133457_000000432061_00124_28735_1697.N1	29-AUG-2007 13:34:57	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28735	No
162	GOM_NL__2PRFIN20070829_134225_000000482061_00124_28735_1698.N1	29-AUG-2007 13:42:25	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28735	No
163	GOM_NL__2PRFIN20070829_134346_000000392061_00124_28735_1699.N1	29-AUG-2007 13:43:46	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28735	No
164	GOM_NL__2PRFIN20070829_134515_000000392061_00124_28735_1700.N1	29-AUG-2007 13:45:15	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	28735	No
165	GOM_NL__2PRFIN20070829_134648_000000422061_00124_28735_1701.N1	29-AUG-2007 13:46:48	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	28735	No
166	GOM_NL__2PRFIN20070829_140330_000000462061_00125_28736_1705.N1	29-AUG-2007 14:03:30	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28736	No
167	GOM_NL__2PRFIN20070829_140928_000000532061_00125_28736_1706.N1	29-AUG-2007 14:09:28	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28736	No
168	GOM_NL__2PRFIN20070829_141109_000000452061_00125_28736_1707.N1	29-AUG-2007 14:11:09	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	28736	No
169	GOM_NL__2PRFIN20070829_141549_000000472061_00125_28736_1708.N1	29-AUG-2007 14:15:49	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28736	No
170	GOM_NL__2PRFIN20070829_142045_000000482061_00125_28736_1709.N1	29-AUG-2007 14:20:45	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28736	No
171	GOM_NL__2PRFIN20070829_142355_000000382061_00125_28736_1710.N1	29-AUG-2007 14:23:55	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28736	No
172	GOM_NL__2PRFIN20070829_142528_000000412061_00125_28736_1711.N1	29-AUG-2007 14:25:28	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28736	No
173	GOM_NL__2PRFIN20070829_142829_000000412061_00125_28736_1712.N1	29-AUG-2007 14:28:29	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	28736	No
174	GOM_NL__2PRFIN20070829_143517_000000342061_00125_28736_1713.N1	29-AUG-2007 14:35:17	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	28736	No
175	GOM_NL__2PRFIN20070829_143828_000000382061_00125_28736_1714.N1	29-AUG-2007 14:38:28	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28736	No
176	GOM_NL__2PRFIN20070829_144331_000000372061_00125_28736_1715.N1	29-AUG-2007 14:43:31	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28736	No
177	GOM_NL__2PRFIN20070829_145106_000000332061_00125_28736_1716.N1	29-AUG-2007 14:51:06	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28736	No
178	GOM_NL__2PRFIN20070829_150758_000000362061_00125_28736_1717.N1	29-AUG-2007 15:07:58	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28736	No
179	GOM_NL__2PRFIN20070829_151034_000000472061_00125_28736_1718.N1	29-AUG-2007 15:10:34	Bright	47.000	170	27Eps Gem	3.0000	9700.0	94	28736	No
180	GOM_NL__2PRFIN20070829_151328_000000492061_00125_28736_1719.N1	29-AUG-2007 15:13:28	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	28736	No
181	GOM_NL__2PRFIN20070829_151534_000000532061_00125_28736_1720.N1	29-AUG-2007 15:15:34	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28736	No
182	GOM_NL__2PRFIN20070829_152301_000000522061_00125_28736_1721.N1	29-AUG-2007 15:23:01	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28736	No
183	GOM_NL__2PRFIN20070829_152423_000000392061_00125_28736_1722.N1	29-AUG-2007 15:24:23	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28736	No
184	GOM_NL__2PRFIN20070829_152551_000000402061_00125_28736_1723.N1	29-AUG-2007 15:25:51	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	28736	No
185	GOM_NL__2PRFIN20070829_152724_000000412061_00125_28736_1724.N1	29-AUG-2007 15:27:24	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28736	No
186	GOM_NL__2PRFIN20070829_154406_000000452061_00126_28737_1719.N1	29-AUG-2007 15:44:06	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28737	No
187	GOM_NL__2PRFIN20070829_155004_000000532061_00126_28737_1720.N1	29-AUG-2007 15:50:04	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28737	No
188	GOM_NL__2PRFIN20070829_155145_000000482061_00126_28737_1721.N1	29-AUG-2007 15:51:45	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	28737	No
189	GOM_NL__2PRFIN20070829_155625_000000472061_00126_28737_1722.N1	29-AUG-2007 15:56:25	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28737	No
190	GOM_NL__2PRFIN20070829_160121_000000462061_00126_28737_1723.N1	29-AUG-2007 16:01:21	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28737	No
191	GOM_NL__2PRFIN20070829_160431_000000382061_00126_28737_1724.N1	29-AUG-2007 16:04:31	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28737	No
192	GOM_NL__2PRFIN20070829_160604_000000412061_00126_28737_1725.N1	29-AUG-2007 16:06:04	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28737	No
193	GOM_NL__2PRFIN20070829_160905_000000392061_00126_28737_1726.N1	29-AUG-2007 16:09:05	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28737	No
194	GOM_NL__2PRFIN20070829_161553_000000372061_00126_28737_1727.N1	29-AUG-2007 16:15:53	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28737	No
195	GOM_NL__2PRFIN20070829_161904_000000372061_00126_28737_1728.N1	29-AUG-2007 16:19:04	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28737	No
196	GOM_NL__2PRFIN20070829_162407_000000352061_00126_28737_1729.N1	29-AUG-2007 16:24:07	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28737	No
197	GOM_NL__2PRFIN20070829_163142_000000372061_00126_28737_1730.N1	29-AUG-2007 16:31:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28737	No
198	GOM_NL__2PRFIN20070829_164834_000000382061_00126_28737_1731.N1	29-AUG-2007 16:48:34	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	28737	No
199	GOM_NL__2PRFIN20070829_165110_000000462061_00126_28737_1732.N1	29-AUG-2007 16:51:10	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	28737	No
200	GOM_NL__2PRFIN20070829_165405_000000482061_00126_28737_1733.N1	29-AUG-2007 16:54:05	Twi_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	28737	No
201	GOM_NL__2PRFIN20070829_165610_000000502061_00126_28737_1734.N1	29-AUG-2007 16:56:10	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	28737	No
202	GOM_NL__2PRFIN20070829_170338_000000472061_00126_28737_1735.N1	29-AUG-2007 17:03:38	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28737	No
203	GOM_NL__2PRFIN20070829_170459_000000422061_00126_28737_1736.N1	29-AUG-2007 17:04:59	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	28737	No
204	GOM_NL__2PRFIN20070829_170627_000000452061_00126_28737_1737.N1	29-AUG-2007 17:06:27	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28737	No
205	GOM_NL__2PRFIN20070829_170801_000000412061_00126_28737_1738.N1	29-AUG-2007 17:08:01	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28737	No
206	GOM_NL__2PRFIN20070829_172443_000000452061_00127_28738_1732.N1	29-AUG-2007 17:24:43	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28738	No
207	GOM_NL__2PRFIN20070829_173041_000000472061_00127_28738_1733.N1	29-AUG-2007 17:30:41	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28738	No
208	GOM_NL__2PRFIN20070829_173221_000000522061_00127_28738_1734.N1	29-AUG-2007 17:32:21	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	28738	No
209	GOM_NL__2PRFIN20070829_173701_000000482061_00127_28738_1735.N1	29-AUG-2007 17:37:01	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	28738	No
210	GOM_NL__2PRFIN20070829_174157_000000442061_00127_28738_1736.N1	29-AUG-2007 17:41:57	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	28738	No
211	GOM_NL__2PRFIN20070829_174507_000000392061_00127_28738_1737.N1	29-AUG-2007 17:45:07	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28738	No
212	GOM_NL__2PRFIN20070829_174640_000000412061_00127_28738_1738.N1	29-AUG-2007 17:46:40	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28738	No
213	GOM_NL__2PRFIN20070829_174941_000000392061_00127_28738_1739.N1	29-AUG-2007 17:49:41	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28738	No
214	GOM_NL__2PRFIN20070829_175629_000000382061_00127_28738_1740.N1	29-AUG-2007 17:56:29	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28738	No
215	GOM_NL__2PRFIN20070829_175940_000000372061_00127_28738_1741.N1	29-AUG-2007 17:59:40	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28738	No
216	GOM_NL__2PRFIN20070829_180443_000000372061_00127_28738_1742.N1	29-AUG-2007 18:04:43	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28738	No
217	GOM_NL__2PRFIN20070829_181218_000000362061_00127_28738_1743.N1	29-AUG-2007 18:12:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28738	No
218	GOM_NL__2PRFIN20070829_182910_000000362061_00127_28738_1744.N1	29-AUG-2007 18:29:10	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28738	No
219	GOM_NL__2PRFIN20070829_183146_000000432061_00127_28738_1745.N1	29-AUG-2007 18:31:46	Bright	43.000	170	27Eps Gem	3.0000	9700.0	86	28738	No

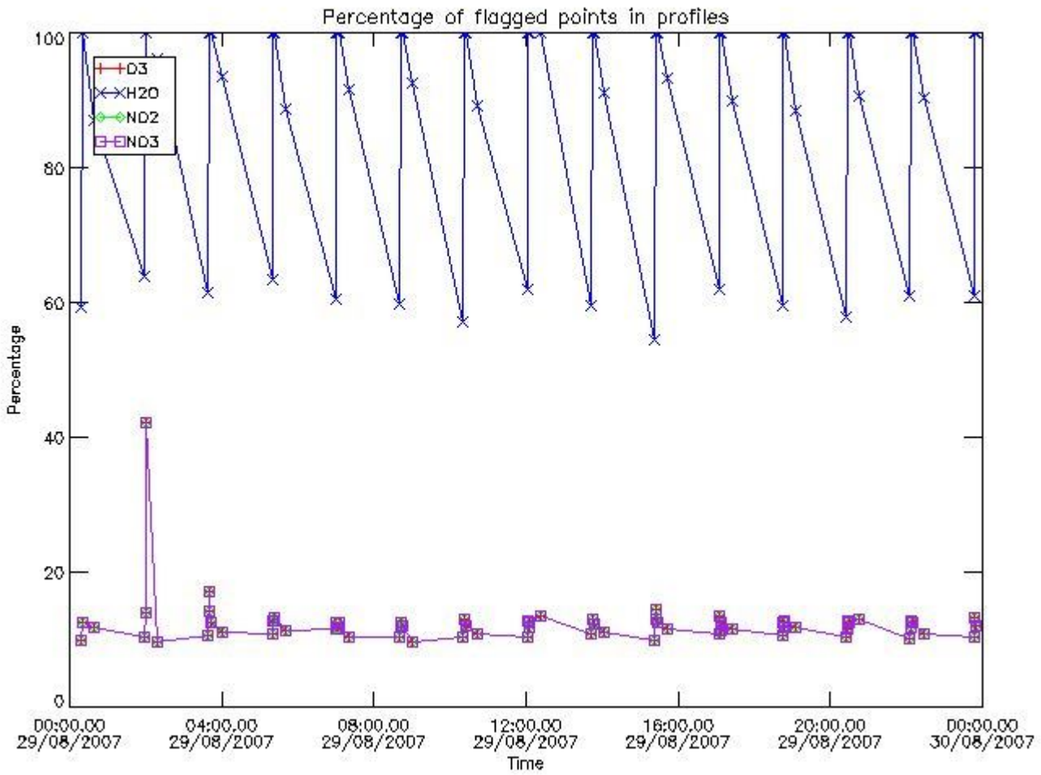
220	GOM_NL__2PRFIN20070829_183441_000000482061_00127_28738_1746.N1	29-AUG-2007 18:34:41	Twi_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	28738	No
221	GOM_NL__2PRFIN20070829_183646_000000532061_00127_28738_1747.N1	29-AUG-2007 18:36:46	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28738	No
222	GOM_NL__2PRFIN20070829_184414_000000492061_00127_28738_1748.N1	29-AUG-2007 18:44:14	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28738	No
223	GOM_NL__2PRFIN20070829_184536_000000412061_00127_28738_1749.N1	29-AUG-2007 18:45:36	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	28738	No
224	GOM_NL__2PRFIN20070829_184704_000000442061_00127_28738_1750.N1	29-AUG-2007 18:47:04	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28738	No
225	GOM_NL__2PRFIN20070829_184837_000000402061_00127_28738_1751.N1	29-AUG-2007 18:48:37	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28738	No
226	GOM_NL__2PRFIN20070829_190520_000000442061_00128_28739_1752.N1	29-AUG-2007 19:05:20	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28739	No
227	GOM_NL__2PRFIN20070829_191117_000000562061_00128_28739_1753.N1	29-AUG-2007 19:11:17	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	28739	No
228	GOM_NL__2PRFIN20070829_191257_000000512061_00128_28739_1754.N1	29-AUG-2007 19:12:57	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	28739	No
229	GOM_NL__2PRFIN20070829_191738_000000512061_00128_28739_1755.N1	29-AUG-2007 19:17:38	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	28739	No
230	GOM_NL__2PRFIN20070829_192233_000000442061_00128_28739_1756.N1	29-AUG-2007 19:22:33	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28739	No
231	GOM_NL__2PRFIN20070829_192543_000000372061_00128_28739_1757.N1	29-AUG-2007 19:25:43	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	28739	No
232	GOM_NL__2PRFIN20070829_192716_000000402061_00128_28739_1758.N1	29-AUG-2007 19:27:16	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28739	No
233	GOM_NL__2PRFIN20070829_193017_000000402061_00128_28739_1759.N1	29-AUG-2007 19:30:17	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	28739	No
234	GOM_NL__2PRFIN20070829_193705_000000372061_00128_28739_1760.N1	29-AUG-2007 19:37:05	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28739	No
235	GOM_NL__2PRFIN20070829_194016_000000382061_00128_28739_1761.N1	29-AUG-2007 19:40:16	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28739	No
236	GOM_NL__2PRFIN20070829_194519_000000382061_00128_28739_1762.N1	29-AUG-2007 19:45:19	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28739	No
237	GOM_NL__2PRFIN20070829_195254_000000362061_00128_28739_1763.N1	29-AUG-2007 19:52:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28739	No
238	GOM_NL__2PRFIN20070829_200946_000000372061_00128_28739_1764.N1	29-AUG-2007 20:09:46	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	28739	No
239	GOM_NL__2PRFIN20070829_201222_000000462061_00128_28739_1765.N1	29-AUG-2007 20:12:22	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	28739	No
240	GOM_NL__2PRFIN20070829_201517_000000492061_00128_28739_1766.N1	29-AUG-2007 20:15:17	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	28739	No
241	GOM_NL__2PRFIN20070829_201722_000000472061_00128_28739_1767.N1	29-AUG-2007 20:17:22	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28739	No
242	GOM_NL__2PRFIN20070829_202451_000000492061_00128_28739_1768.N1	29-AUG-2007 20:24:51	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28739	No
243	GOM_NL__2PRFIN20070829_202612_000000402061_00128_28739_1769.N1	29-AUG-2007 20:26:12	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28739	No
244	GOM_NL__2PRFIN20070829_202740_000000442061_00128_28739_1770.N1	29-AUG-2007 20:27:40	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28739	No
245	GOM_NL__2PRFIN20070829_202914_000000412061_00128_28739_1771.N1	29-AUG-2007 20:29:14	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28739	No
246	GOM_NL__2PRFIN20070829_204556_000000432061_00129_28740_1765.N1	29-AUG-2007 20:45:56	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28740	No
247	GOM_NL__2PRFIN20070829_205154_000000572061_00129_28740_1766.N1	29-AUG-2007 20:51:54	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	28740	No
248	GOM_NL__2PRFIN20070829_205334_000000522061_00129_28740_1767.N1	29-AUG-2007 20:53:34	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	28740	No
249	GOM_NL__2PRFIN20070829_205814_000000502061_00129_28740_1768.N1	29-AUG-2007 20:58:14	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	28740	No
250	GOM_NL__2PRFIN20070829_210310_000000542061_00129_28740_1769.N1	29-AUG-2007 21:03:10	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	28740	No
251	GOM_NL__2PRFIN20070829_210619_000000392061_00129_28740_1770.N1	29-AUG-2007 21:06:19	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28740	No
252	GOM_NL__2PRFIN20070829_210752_000000412061_00129_28740_1771.N1	29-AUG-2007 21:07:52	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28740	No
253	GOM_NL__2PRFIN20070829_211053_000000392061_00129_28740_1772.N1	29-AUG-2007 21:10:53	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28740	No
254	GOM_NL__2PRFIN20070829_211741_000000352061_00129_28740_1773.N1	29-AUG-2007 21:17:41	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28740	No
255	GOM_NL__2PRFIN20070829_212052_000000352061_00129_28740_1774.N1	29-AUG-2007 21:20:52	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28740	No
256	GOM_NL__2PRFIN20070829_212555_000000372061_00129_28740_1775.N1	29-AUG-2007 21:25:55	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28740	No
257	GOM_NL__2PRFIN20070829_213330_000000372061_00129_28740_1776.N1	29-AUG-2007 21:33:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28740	No
258	GOM_NL__2PRFIN20070829_215022_000000382061_00129_28740_1777.N1	29-AUG-2007 21:50:22	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	28740	No
259	GOM_NL__2PRFIN20070829_215258_000000442061_00129_28740_1778.N1	29-AUG-2007 21:52:58	Bright	44.000	170	27Eps Gem	3.0000	9700.0	88	28740	No
260	GOM_NL__2PRFIN20070829_215553_000000492061_00129_28740_1779.N1	29-AUG-2007 21:55:53	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	28740	No
261	GOM_NL__2PRFIN20070829_215758_000000502061_00129_28740_1780.N1	29-AUG-2007 21:57:58	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28740	No
262	GOM_NL__2PRFIN20070829_220527_000000512061_00129_28740_1781.N1	29-AUG-2007 22:05:27	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	28740	No
263	GOM_NL__2PRFIN20070829_220649_000000402061_00129_28740_1782.N1	29-AUG-2007 22:06:49	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28740	No
264	GOM_NL__2PRFIN20070829_220817_000000432061_00129_28740_1783.N1	29-AUG-2007 22:08:17	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28740	No
265	GOM_NL__2PRFIN20070829_220950_000000412061_00129_28740_1784.N1	29-AUG-2007 22:09:50	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28740	No
266	GOM_NL__2PRFIN20070829_222633_000000472061_00130_28741_1779.N1	29-AUG-2007 22:26:33	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28741	No
267	GOM_NL__2PRFIN20070829_223230_000000542061_00130_28741_1780.N1	29-AUG-2007 22:32:30	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28741	No
268	GOM_NL__2PRFIN20070829_223410_000000532061_00130_28741_1781.N1	29-AUG-2007 22:34:10	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	28741	No
269	GOM_NL__2PRFIN20070829_223850_000000552061_00130_28741_1782.N1	29-AUG-2007 22:38:50	Straylight	54.500	18	24Alp PsA	1.1660	9700.0	109	28741	No
270	GOM_NL__2PRFIN20070829_224345_000000542061_00130_28741_1783.N1	29-AUG-2007 22:43:45	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	28741	No
271	GOM_NL__2PRFIN20070829_224655_000000392061_00130_28741_1784.N1	29-AUG-2007 22:46:55	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28741	No
272	GOM_NL__2PRFIN20070829_224828_000000402061_00130_28741_1785.N1	29-AUG-2007 22:48:28	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	28741	No
273	GOM_NL__2PRFIN20070829_225129_000000382061_00130_28741_1786.N1	29-AUG-2007 22:51:29	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28741	No
274	GOM_NL__2PRFIN20070829_225817_000000362061_00130_28741_1787.N1	29-AUG-2007 22:58:17	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	28741	No
275	GOM_NL__2PRFIN20070829_230128_000000342061_00130_28741_1788.N1	29-AUG-2007 23:01:28	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	28741	No
276	GOM_NL__2PRFIN20070829_230630_000000332061_00130_28741_1789.N1	29-AUG-2007 23:06:30	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	28741	No
277	GOM_NL__2PRFIN20070829_231406_000000352061_00130_28741_1790.N1	29-AUG-2007 23:14:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28741	No
278	GOM_NL__2PRFIN20070829_233058_000000362061_00130_28741_1791.N1	29-AUG-2007 23:30:58	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28741	No

279	GOM_NL__2PRFIN20070829_233334_000000502061_00130_28741_1792.N1	29-AUG-2007 23:33:34	Bright	49.500	170	27Eps Gem	3.0000	9700.0	99	28741	No
280	GOM_NL__2PRFIN20070829_233629_000000472061_00130_28741_1793.N1	29-AUG-2007 23:36:29	Twi_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	28741	No
281	GOM_NL__2PRFIN20070829_233835_000000472061_00130_28741_1794.N1	29-AUG-2007 23:38:35	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28741	No
282	GOM_NL__2PRFIN20070829_234604_000000492061_00130_28741_1795.N1	29-AUG-2007 23:46:04	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28741	No
283	GOM_NL__2PRFIN20070829_234725_000000392061_00130_28741_1796.N1	29-AUG-2007 23:47:25	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28741	No
284	GOM_NL__2PRFIN20070829_234853_000000432061_00130_28741_1797.N1	29-AUG-2007 23:48:53	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28741	No

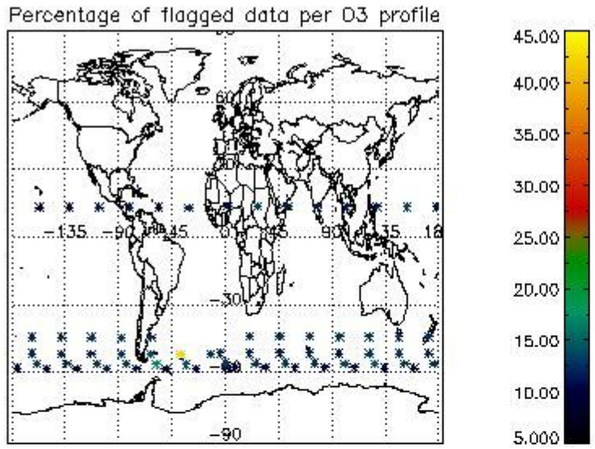
3. Quality information per product

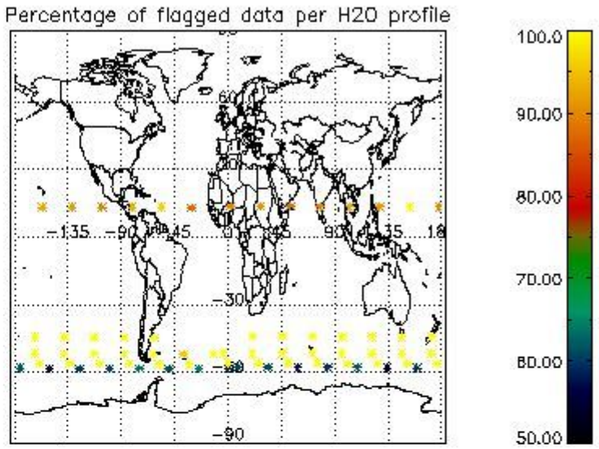
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

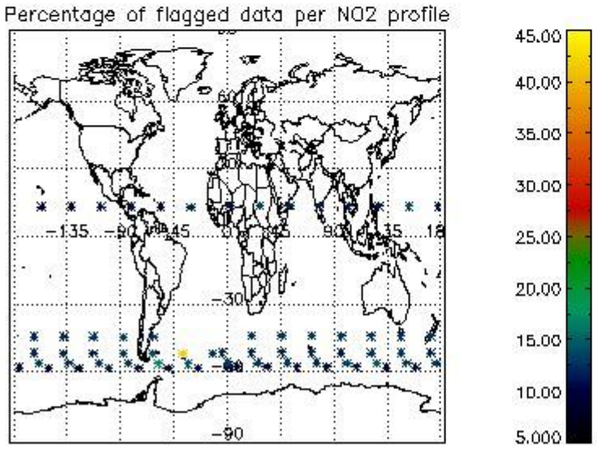
3.1 Plot quality information per product (time dependant)

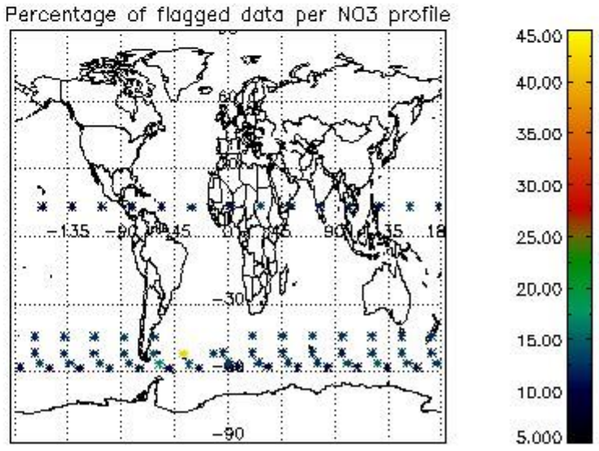


3.2 Plot quality information per product (world map)







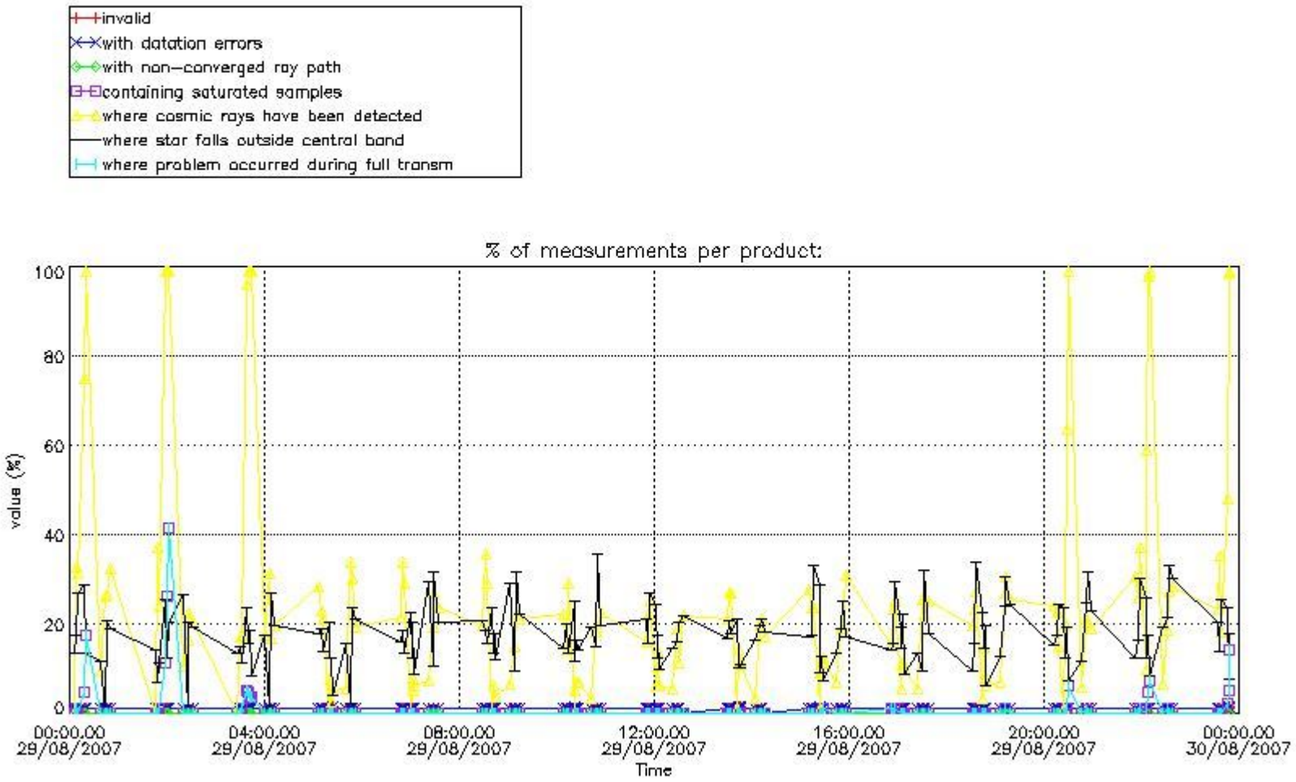


4. Level 1 quality information per product

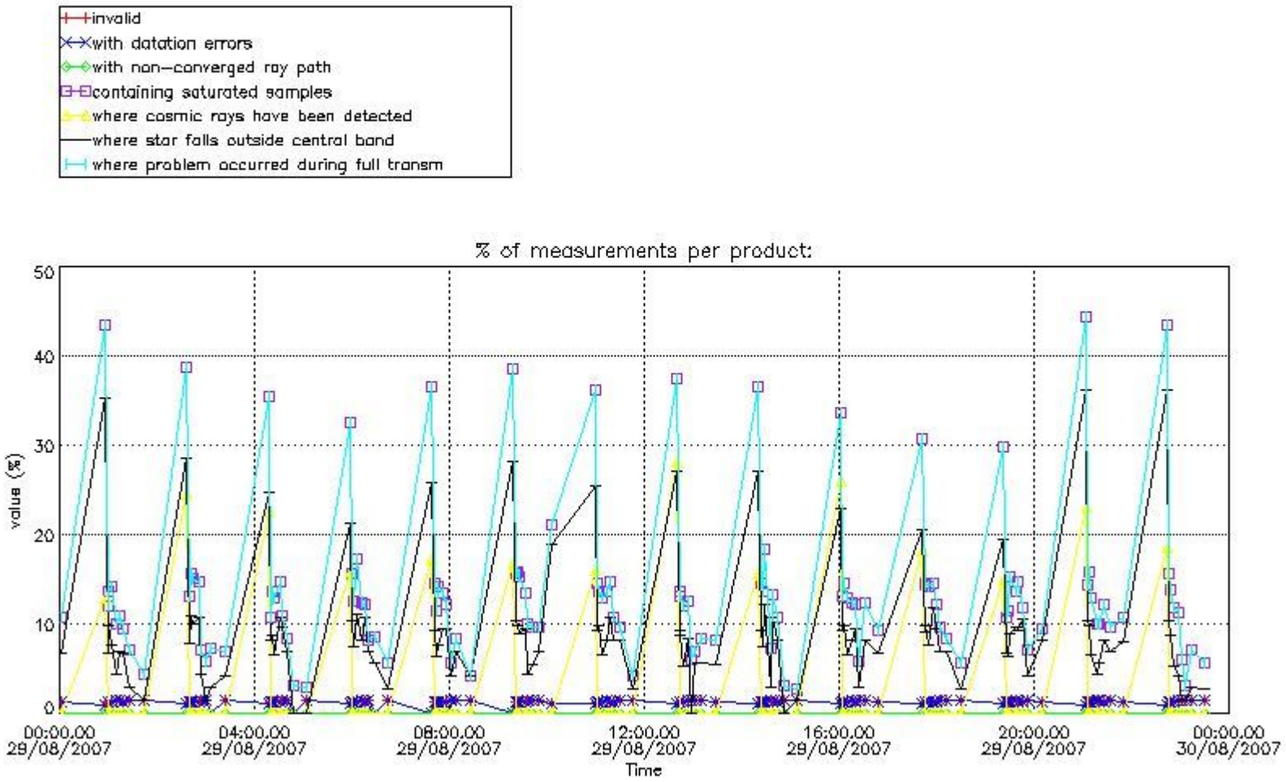
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

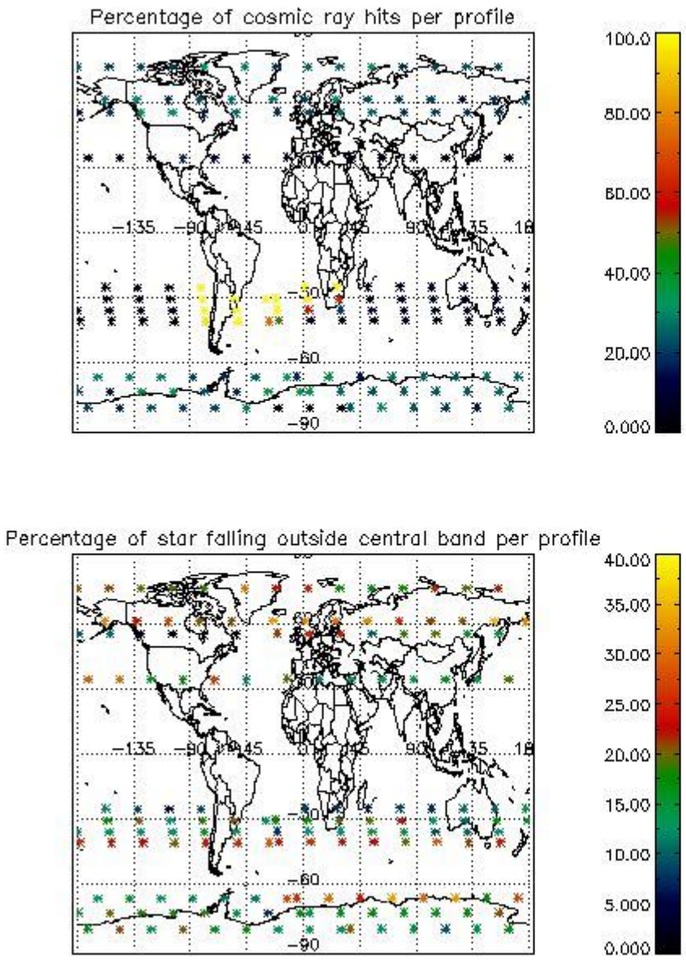


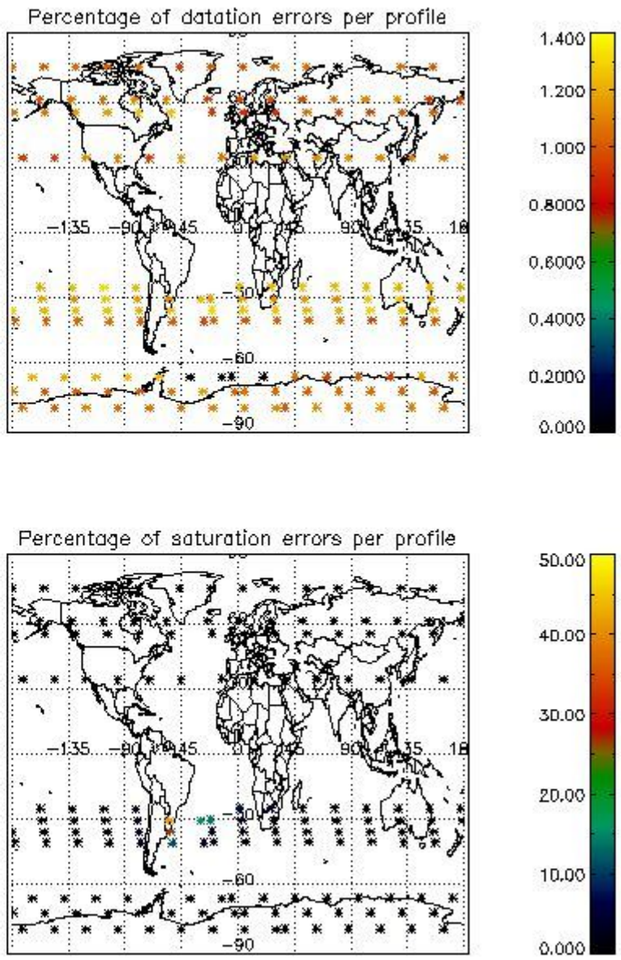
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



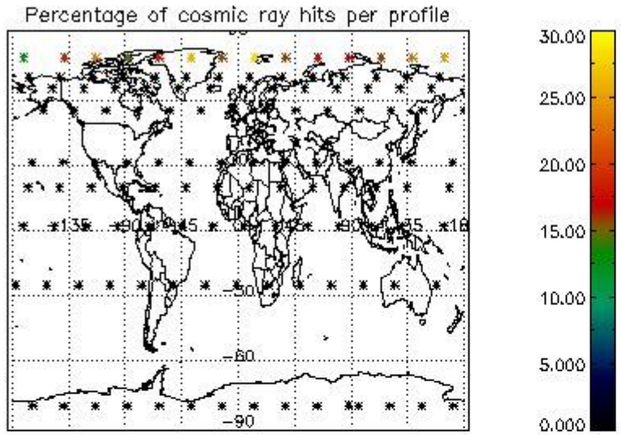
4.2 Plot quality information per product comming from level 1b processing (world map)

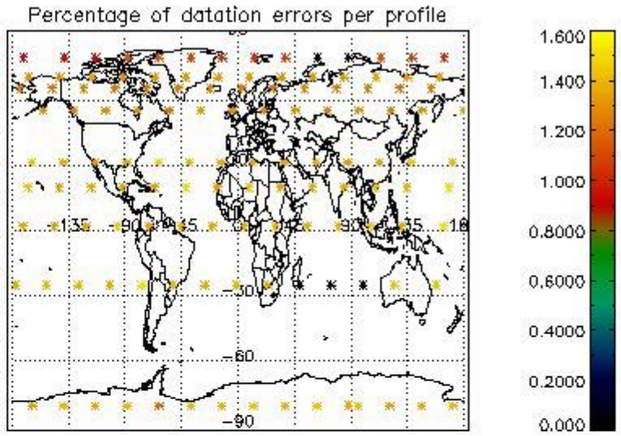
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

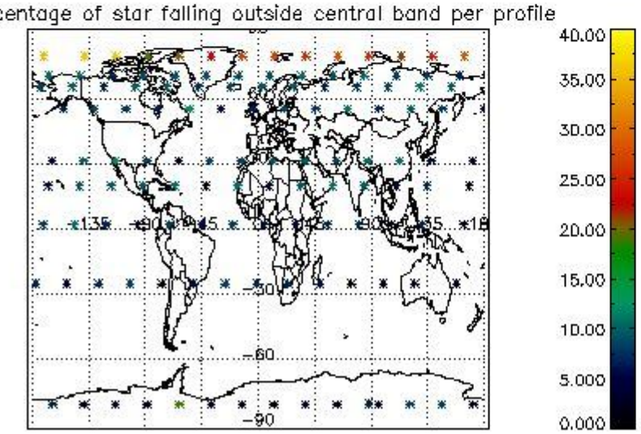


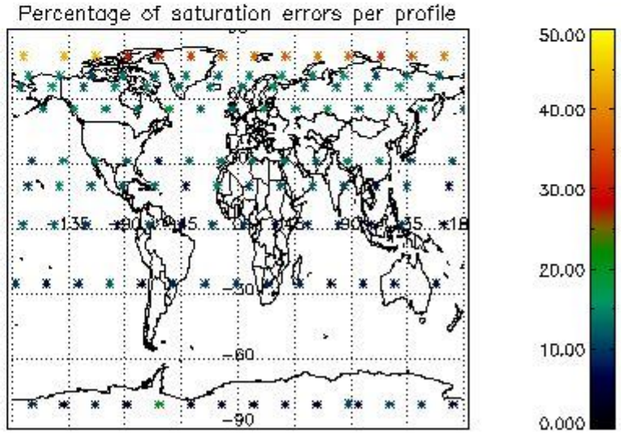


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

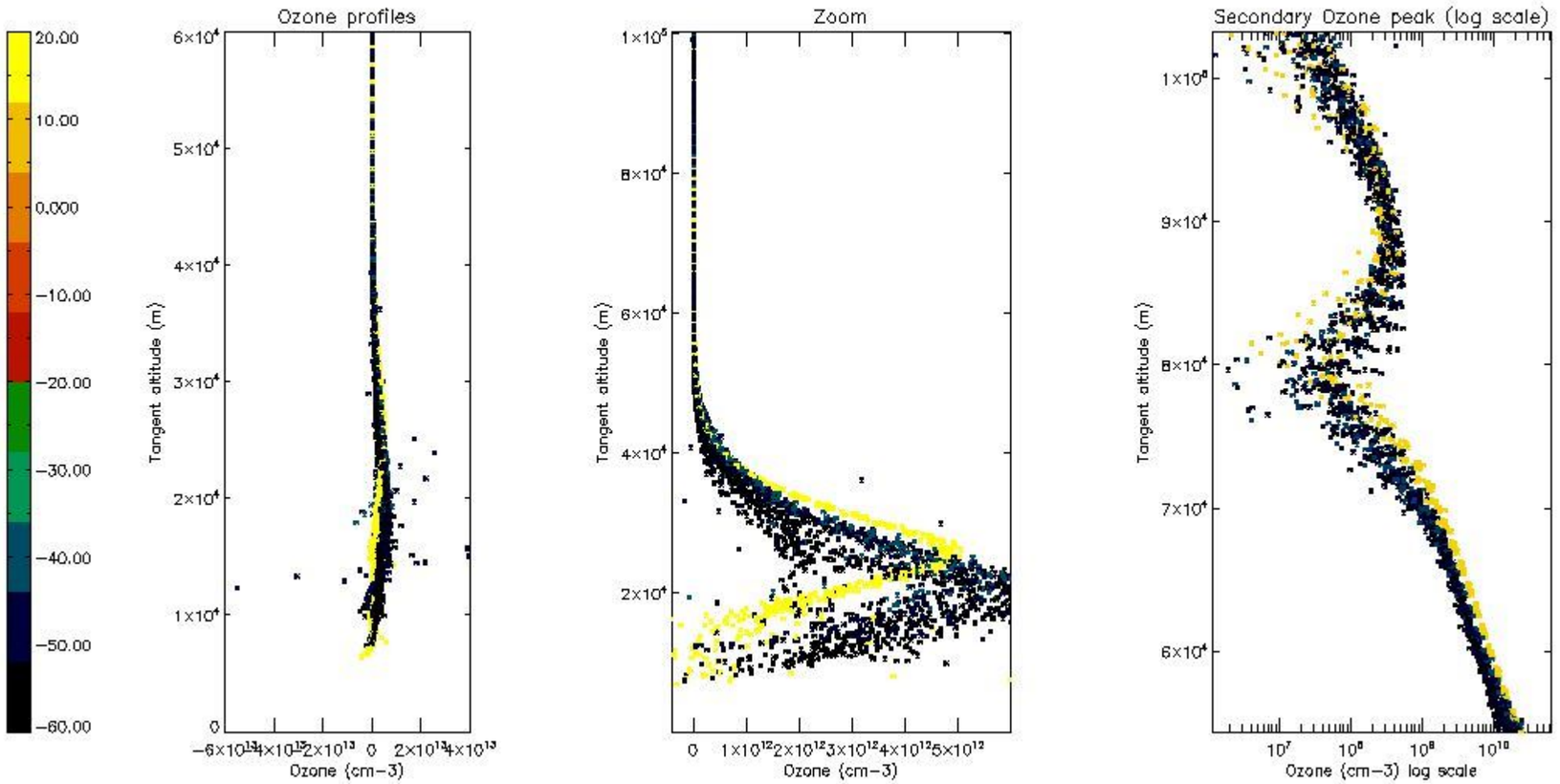
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	18

STD < 10	16
STD < 5	13

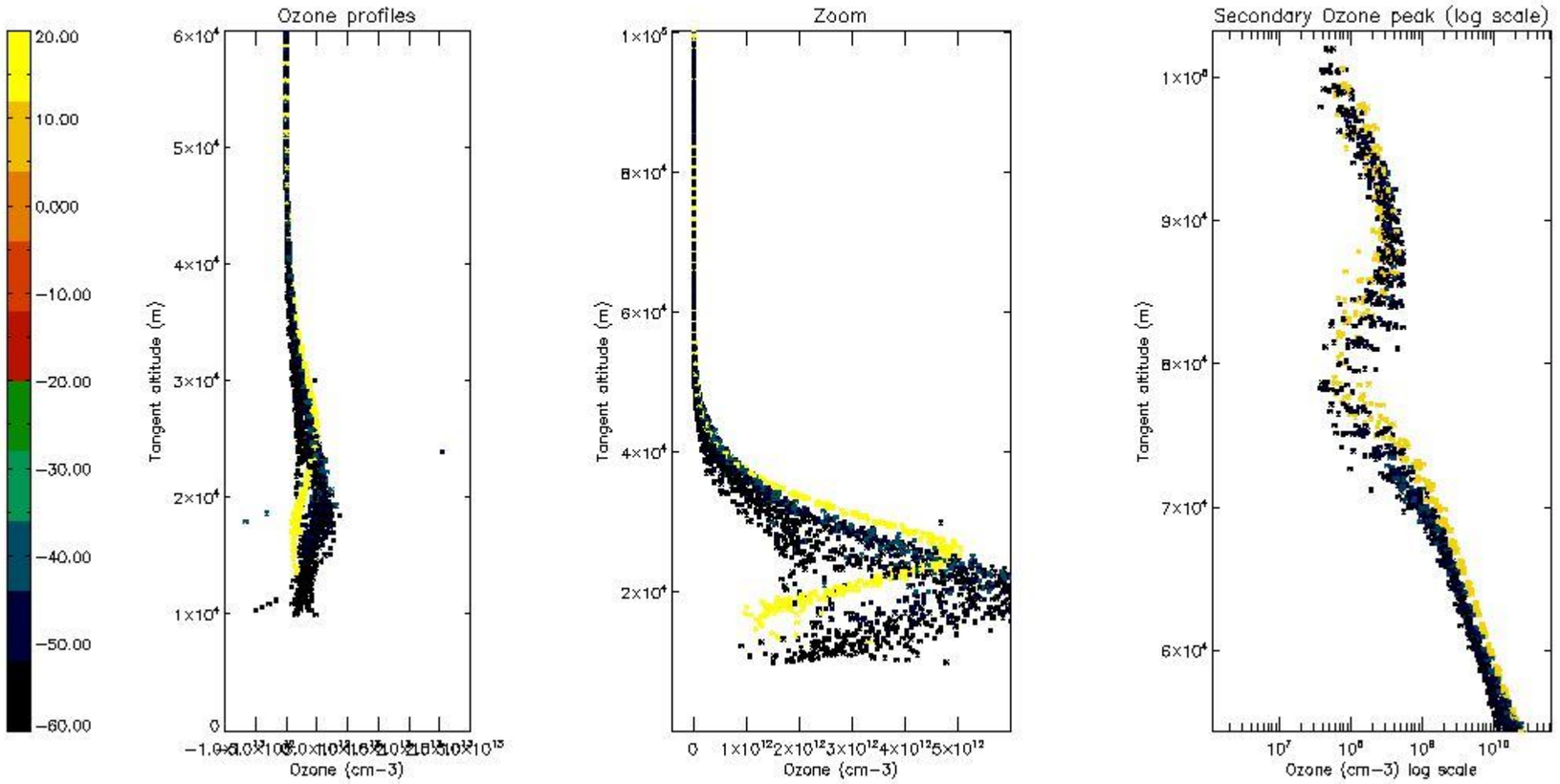
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



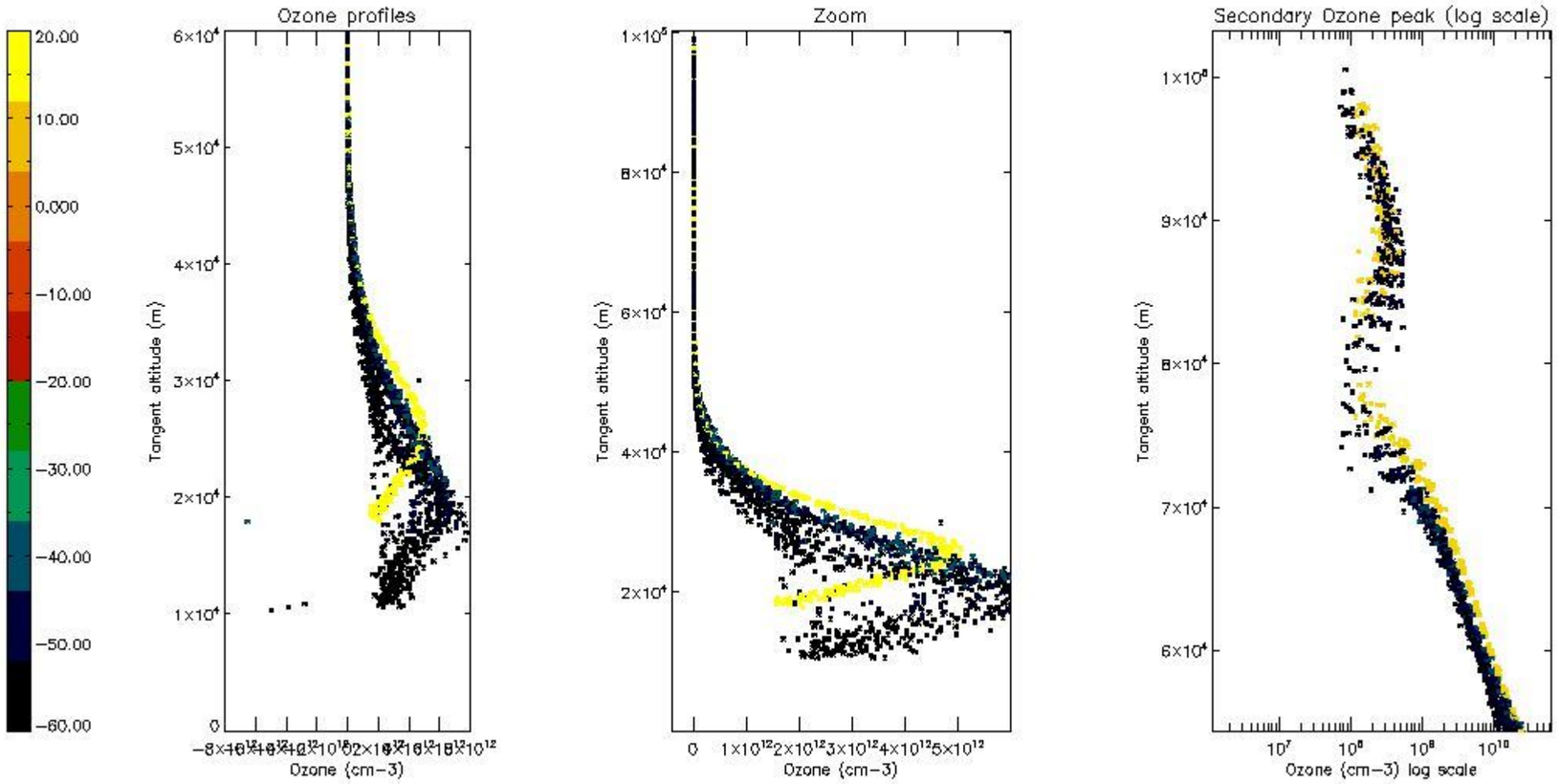
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



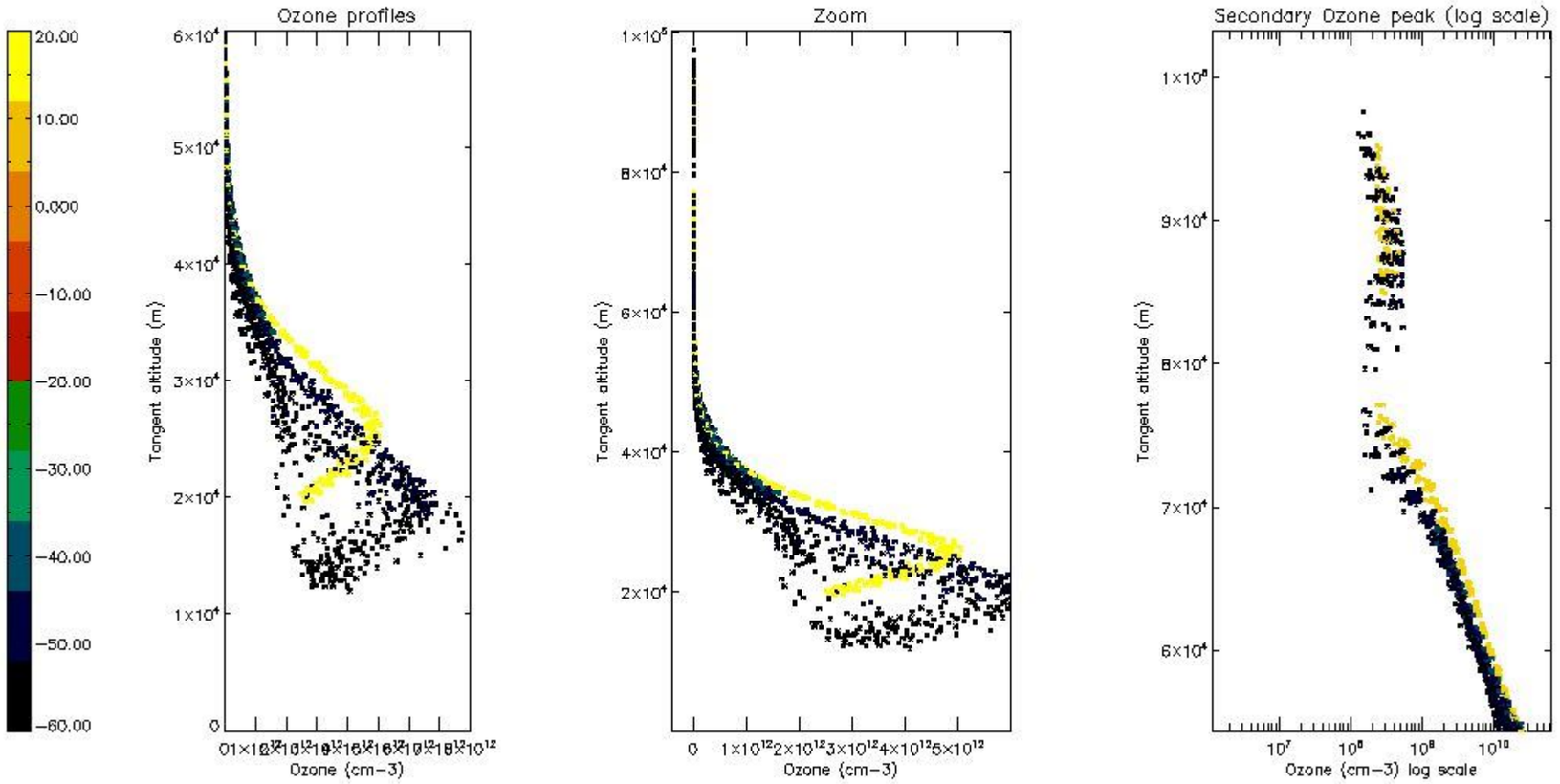
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



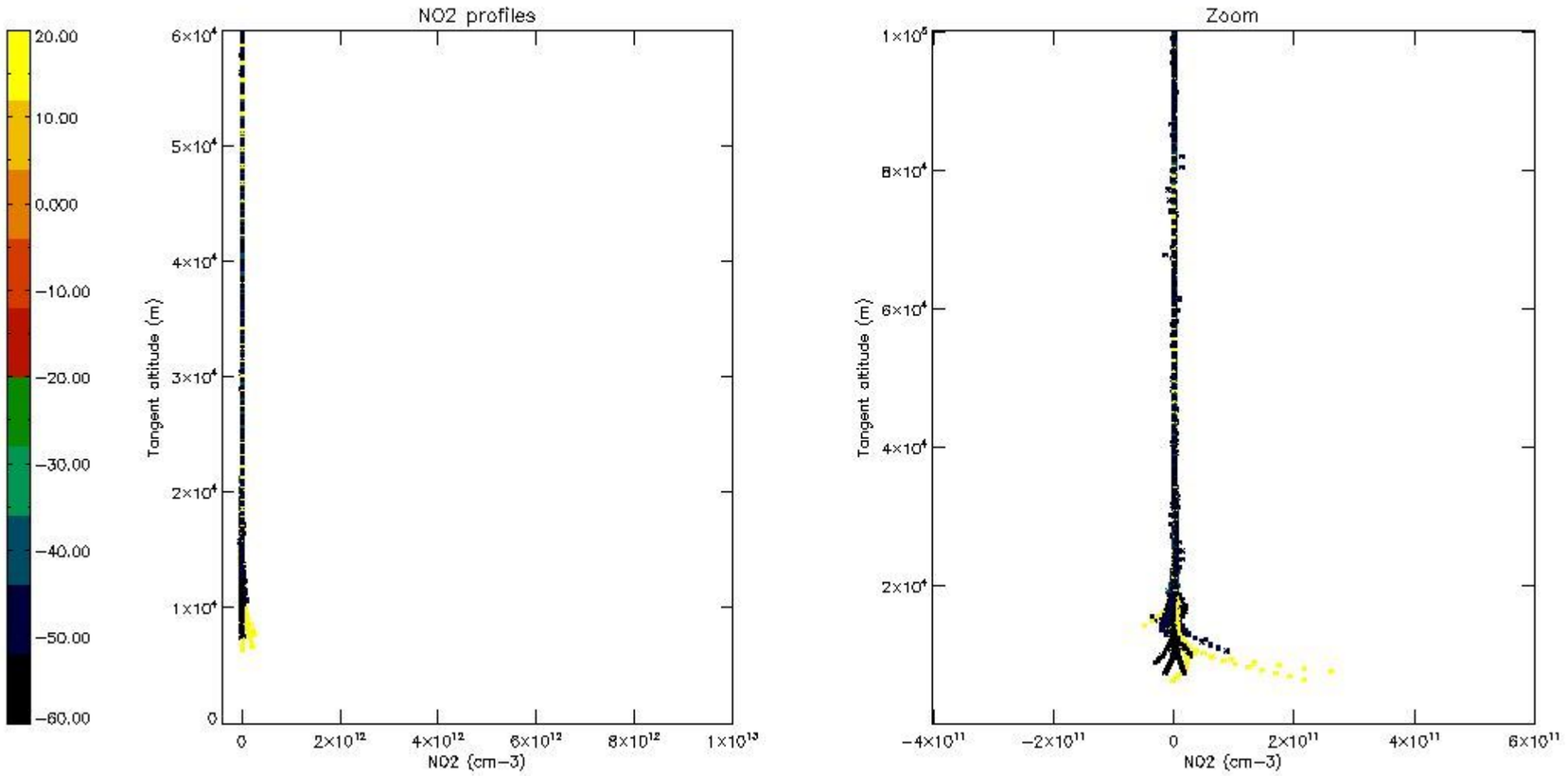
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



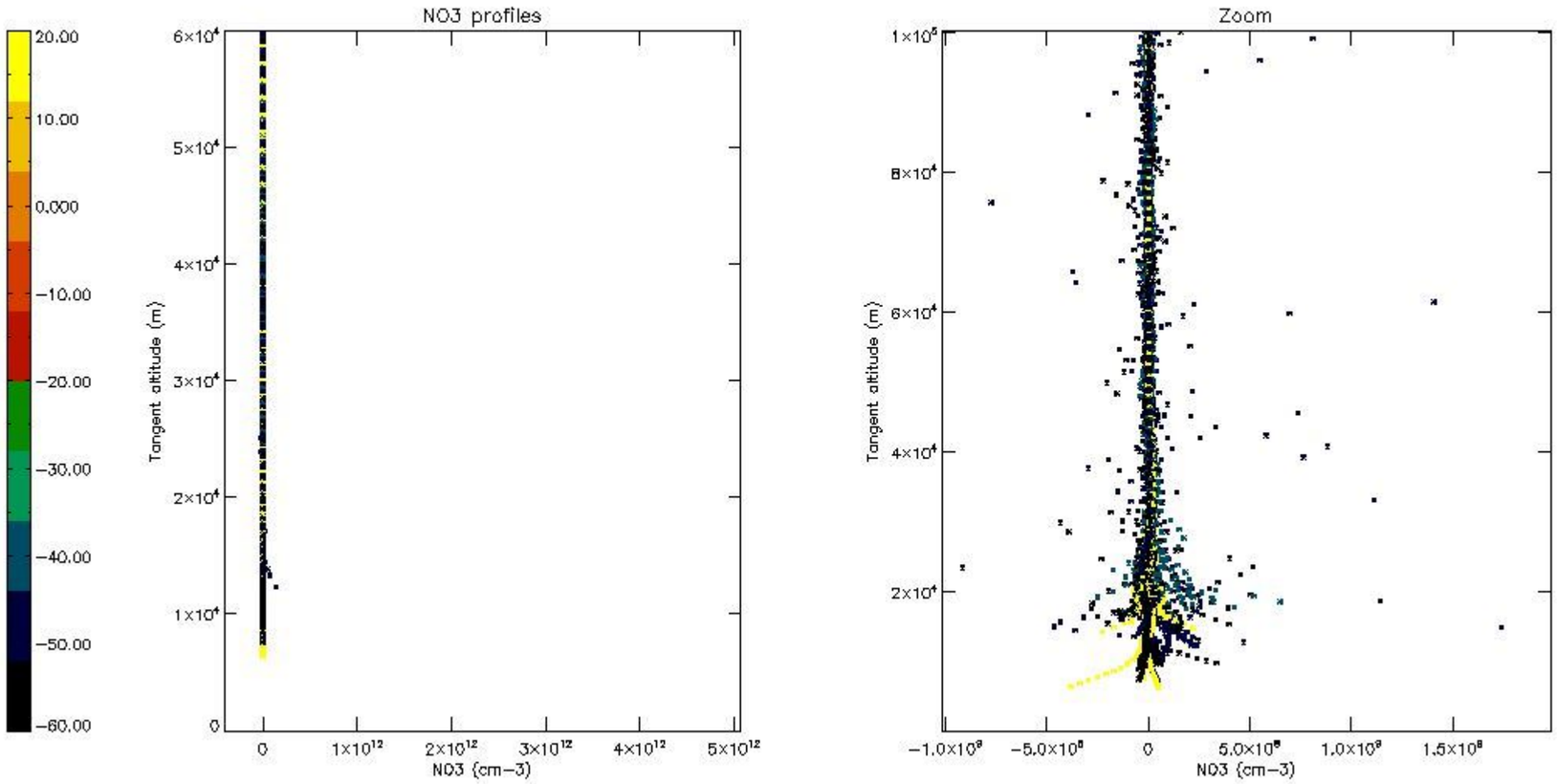
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



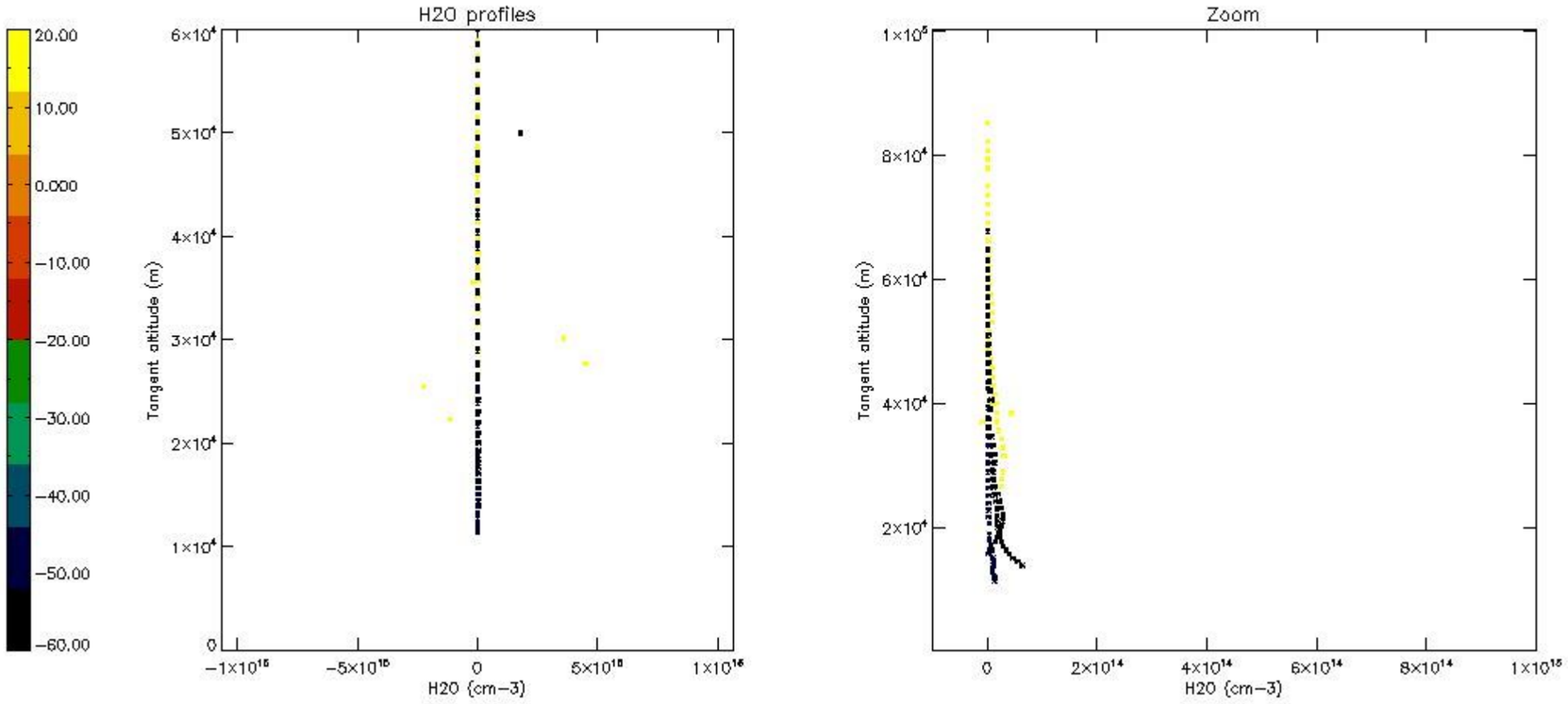
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-AUG-2007 00:02:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-AUG-2007 00:02:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-AUG-2007 00:02:33

GOMOS Level 2 Daily Report

SUMMARY

1. General Info

2. Summary of processed GOM_NL__2P products

3. Level 2 Quality information per product
   - 3.1 Plot of level 2 quality information per product (time dependant)
   - 3.2 Plot of level 2 quality information per product (world map)

4. Level 1 Quality information per product (stored on level 2 products)
   - 4.1 Plot of level 1 quality information per product (time dependant)
     - 4.1.1 Plot of level 1 quality information per product (time dependant): ASCENDING
     - 4.1.2 Plot of level 1 quality information per product (time dependant): DESCENDING
   - 4.2 Plot of level 1 quality information per product (world map)
     - 4.2.1 Plot of level 1 quality information per product (world map): ASCENDING
     - 4.2.2 Plot of level 1 quality information per product (world map): DESCENDING

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

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1. General info

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	23APR2013 02:39:08
Data source version	GOMOS/6.01
Start time of products	29-08-2007 (29AUG2007 00:00:00)
Stop time of products	30-08-2007 (30AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	284
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__2PRFIN20070829_000233_000000372061_00116_28727_1578.N1	29-AUG-2007 00:02:33	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	28727	No
2	GOM_NL__2PRFIN20070829_000508_000000452061_00116_28727_1579.N1	29-AUG-2007 00:05:08	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	28727	No
3	GOM_NL__2PRFIN20070829_000802_000000492061_00116_28727_1580.N1	29-AUG-2007 00:08:02	Twi_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	28727	No
4	GOM_NL__2PRFIN20070829_001008_000000482061_00116_28727_1581.N1	29-AUG-2007 00:10:08	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28727	No
5	GOM_NL__2PRFIN20070829_001733_000000522061_00116_28727_1582.N1	29-AUG-2007 00:17:33	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28727	No
6	GOM_NL__2PRFIN20070829_002023_000000412061_00116_28727_1583.N1	29-AUG-2007 00:20:23	Dark	40.500	23	21Eps CMa	1.5020	26000.	81	28727	No
7	GOM_NL__2PRFIN20070829_003837_000000432061_00117_28728_1575.N1	29-AUG-2007 00:38:37	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28728	No
8	GOM_NL__2PRFIN20070829_004435_000000402061_00117_28728_1576.N1	29-AUG-2007 00:44:35	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	28728	No
9	GOM_NL__2PRFIN20070829_004618_000000462061_00117_28728_1577.N1	29-AUG-2007 00:46:18	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	28728	No
10	GOM_NL__2PRFIN20070829_005059_000000482061_00117_28728_1578.N1	29-AUG-2007 00:50:59	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	28728	No
11	GOM_NL__2PRFIN20070829_005556_000000542061_00117_28728_1579.N1	29-AUG-2007 00:55:56	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	28728	No
12	GOM_NL__2PRFIN20070829_005907_000000382061_00117_28728_1580.N1	29-AUG-2007 00:59:07	Bright	37.500	154	22Bet Aqr	2.8990	5700.0	75	28728	No
13	GOM_NL__2PRFIN20070829_010041_000000412061_00117_28728_1581.N1	29-AUG-2007 01:00:41	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28728	No
14	GOM_NL__2PRFIN20070829_010342_000000392061_00117_28728_1582.N1	29-AUG-2007 01:03:42	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28728	No
15	GOM_NL__2PRFIN20070829_011030_000000352061_00117_28728_1583.N1	29-AUG-2007 01:10:30	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28728	No
16	GOM_NL__2PRFIN20070829_011341_000000372061_00117_28728_1584.N1	29-AUG-2007 01:13:41	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	28728	No
17	GOM_NL__2PRFIN20070829_011845_000000372061_00117_28728_1585.N1	29-AUG-2007 01:18:45	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28728	No
18	GOM_NL__2PRFIN20070829_012619_000000352061_00117_28728_1586.N1	29-AUG-2007 01:26:19	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28728	No
19	GOM_NL__2PRFIN20070829_014309_000000352061_00117_28728_1587.N1	29-AUG-2007 01:43:09	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28728	No
20	GOM_NL__2PRFIN20070829_014544_000000462061_00117_28728_1588.N1	29-AUG-2007 01:45:44	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	28728	No
21	GOM_NL__2PRFIN20070829_014838_000000432061_00117_28728_1589.N1	29-AUG-2007 01:48:38	Twi_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	28728	No
22	GOM_NL__2PRFIN20070829_015044_000000402061_00117_28728_1590.N1	29-AUG-2007 01:50:44	Twilight	39.500	8	10Alp CMi	0.40000	6500.0	79	28728	No
23	GOM_NL__2PRFIN20070829_015810_000000492061_00117_28728_1591.N1	29-AUG-2007 01:58:10	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28728	No
24	GOM_NL__2PRFIN20070829_015932_000000402061_00117_28728_1592.N1	29-AUG-2007 01:59:32	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28728	No
25	GOM_NL__2PRFIN20070829_020100_000000452061_00117_28728_1593.N1	29-AUG-2007 02:01:00	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28728	No
26	GOM_NL__2PRFIN20070829_021914_000000532061_00118_28729_1597.N1	29-AUG-2007 02:19:14	Dark	52.500	9	Alp Eri	0.45300	24000.	105	28729	No
27	GOM_NL__2PRFIN20070829_022512_000000402061_00118_28729_1598.N1	29-AUG-2007 02:25:12	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	28729	No
28	GOM_NL__2PRFIN20070829_022655_000000452061_00118_28729_1599.N1	29-AUG-2007 02:26:55	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	28729	No
29	GOM_NL__2PRFIN20070829_023135_000000492061_00118_28729_1600.N1	29-AUG-2007 02:31:35	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	28729	No
30	GOM_NL__2PRFIN20070829_023633_000000492061_00118_28729_1601.N1	29-AUG-2007 02:36:33	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	28729	No
31	GOM_NL__2PRFIN20070829_023943_000000382061_00118_28729_1602.N1	29-AUG-2007 02:39:43	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28729	No
32	GOM_NL__2PRFIN20070829_024117_000000422061_00118_28729_1603.N1	29-AUG-2007 02:41:17	Bright	41.500	162	34Alp Aqr	2.9440	5350.0	83	28729	No
33	GOM_NL__2PRFIN20070829_024418_000000402061_00118_28729_1604.N1	29-AUG-2007 02:44:18	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	28729	No
34	GOM_NL__2PRFIN20070829_025106_000000382061_00118_28729_1605.N1	29-AUG-2007 02:51:06	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28729	No
35	GOM_NL__2PRFIN20070829_025417_000000352061_00118_28729_1606.N1	29-AUG-2007 02:54:17	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28729	No
36	GOM_NL__2PRFIN20070829_025921_000000352061_00118_28729_1607.N1	29-AUG-2007 02:59:21	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28729	No
37	GOM_NL__2PRFIN20070829_030655_000000352061_00118_28729_1608.N1	29-AUG-2007 03:06:55	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28729	No
38	GOM_NL__2PRFIN20070829_032345_000000372061_00118_28729_1609.N1	29-AUG-2007 03:23:45	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	28729	No
39	GOM_NL__2PRFIN20070829_032620_000000452061_00118_28729_1610.N1	29-AUG-2007 03:26:20	Bright	45.000	170	27Eps Gem	3.0000	9700.0	90	28729	No
40	GOM_NL__2PRFIN20070829_032914_000000472061_00118_28729_1611.N1	29-AUG-2007 03:29:14	Twi_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	28729	No
41	GOM_NL__2PRFIN20070829_033120_000000402061_00118_28729_1612.N1	29-AUG-2007 03:31:20	Twilight	40.000	8	10Alp CMi	0.40000	6500.0	80	28729	No
42	GOM_NL__2PRFIN20070829_033846_000000492061_00118_28729_1613.N1	29-AUG-2007 03:38:46	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28729	No

43	GOM_NL__2PRFIN20070829_034008_000000422061_00118_28729_1614.N1	29-AUG-2007 03:40:08	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	28729	No
44	GOM_NL__2PRFIN20070829_034136_000000432061_00118_28729_1615.N1	29-AUG-2007 03:41:36	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28729	No
45	GOM_NL__2PRFIN20070829_034308_000000412061_00118_28729_1616.N1	29-AUG-2007 03:43:08	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28729	No
46	GOM_NL__2PRFIN20070829_035951_000000462061_00119_28730_1609.N1	29-AUG-2007 03:59:51	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28730	No
47	GOM_NL__2PRFIN20070829_040548_000000432061_00119_28730_1610.N1	29-AUG-2007 04:05:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	28730	No
48	GOM_NL__2PRFIN20070829_040731_000000482061_00119_28730_1611.N1	29-AUG-2007 04:07:31	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	28730	No
49	GOM_NL__2PRFIN20070829_041212_000000492061_00119_28730_1612.N1	29-AUG-2007 04:12:12	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28730	No
50	GOM_NL__2PRFIN20070829_041709_000000472061_00119_28730_1613.N1	29-AUG-2007 04:17:09	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	28730	No
51	GOM_NL__2PRFIN20070829_042019_000000372061_00119_28730_1614.N1	29-AUG-2007 04:20:19	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	28730	No
52	GOM_NL__2PRFIN20070829_042153_000000412061_00119_28730_1615.N1	29-AUG-2007 04:21:53	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28730	No
53	GOM_NL__2PRFIN20070829_042454_000000392061_00119_28730_1616.N1	29-AUG-2007 04:24:54	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28730	No
54	GOM_NL__2PRFIN20070829_043142_000000382061_00119_28730_1617.N1	29-AUG-2007 04:31:42	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28730	No
55	GOM_NL__2PRFIN20070829_043453_000000372061_00119_28730_1618.N1	29-AUG-2007 04:34:53	Bright	36.500	19	50Alp Cyg	1.2460	10500.	73	28730	No
56	GOM_NL__2PRFIN20070829_043956_000000362061_00119_28730_1619.N1	29-AUG-2007 04:39:56	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28730	No
57	GOM_NL__2PRFIN20070829_044731_000000332061_00119_28730_1620.N1	29-AUG-2007 04:47:31	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	28730	No
58	GOM_NL__2PRFIN20070829_050422_000000352061_00119_28730_1621.N1	29-AUG-2007 05:04:22	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	28730	No
59	GOM_NL__2PRFIN20070829_050657_000000482061_00119_28730_1622.N1	29-AUG-2007 05:06:57	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	28730	No
60	GOM_NL__2PRFIN20070829_050950_000000502061_00119_28730_1623.N1	29-AUG-2007 05:09:50	Twi_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	28730	No
61	GOM_NL__2PRFIN20070829_051156_000000402061_00119_28730_1624.N1	29-AUG-2007 05:11:56	Twilight	40.000	8	10Alp CMi	0.40000	6500.0	80	28730	No
62	GOM_NL__2PRFIN20070829_051923_000000472061_00119_28730_1625.N1	29-AUG-2007 05:19:23	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	28730	No
63	GOM_NL__2PRFIN20070829_052044_000000402061_00119_28730_1626.N1	29-AUG-2007 05:20:44	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28730	No
64	GOM_NL__2PRFIN20070829_052213_000000402061_00119_28730_1627.N1	29-AUG-2007 05:22:13	Dark	40.000	23	21Eps CMa	1.5020	26000.	80	28730	No
65	GOM_NL__2PRFIN20070829_052345_000000392061_00119_28730_1628.N1	29-AUG-2007 05:23:45	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28730	No
66	GOM_NL__2PRFIN20070829_054027_000000452061_00120_28731_1623.N1	29-AUG-2007 05:40:27	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28731	No
67	GOM_NL__2PRFIN20070829_054625_000000432061_00120_28731_1624.N1	29-AUG-2007 05:46:25	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	28731	No
68	GOM_NL__2PRFIN20070829_054807_000000472061_00120_28731_1625.N1	29-AUG-2007 05:48:07	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	28731	No
69	GOM_NL__2PRFIN20070829_055248_000000502061_00120_28731_1626.N1	29-AUG-2007 05:52:48	Straylight	49.500	18	24Alp PsA	1.1660	9700.0	99	28731	No
70	GOM_NL__2PRFIN20070829_055745_000000452061_00120_28731_1627.N1	29-AUG-2007 05:57:45	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	28731	No
71	GOM_NL__2PRFIN20070829_060056_000000392061_00120_28731_1628.N1	29-AUG-2007 06:00:56	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28731	No
72	GOM_NL__2PRFIN20070829_060229_000000402061_00120_28731_1629.N1	29-AUG-2007 06:02:29	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	28731	No
73	GOM_NL__2PRFIN20070829_060530_000000412061_00120_28731_1630.N1	29-AUG-2007 06:05:30	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	28731	No
74	GOM_NL__2PRFIN20070829_061218_000000372061_00120_28731_1631.N1	29-AUG-2007 06:12:18	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28731	No
75	GOM_NL__2PRFIN20070829_061529_000000372061_00120_28731_1632.N1	29-AUG-2007 06:15:29	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28731	No
76	GOM_NL__2PRFIN20070829_062033_000000372061_00120_28731_1633.N1	29-AUG-2007 06:20:33	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28731	No
77	GOM_NL__2PRFIN20070829_062807_000000352061_00120_28731_1634.N1	29-AUG-2007 06:28:07	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28731	No
78	GOM_NL__2PRFIN20070829_064458_000000362061_00120_28731_1635.N1	29-AUG-2007 06:44:58	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	28731	No
79	GOM_NL__2PRFIN20070829_064733_000000472061_00120_28731_1636.N1	29-AUG-2007 06:47:33	Bright	46.500	170	27Eps Gem	3.0000	9700.0	93	28731	No
80	GOM_NL__2PRFIN20070829_065027_000000492061_00120_28731_1637.N1	29-AUG-2007 06:50:27	Twi_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	28731	No
81	GOM_NL__2PRFIN20070829_065233_000000412061_00120_28731_1638.N1	29-AUG-2007 06:52:33	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28731	No
82	GOM_NL__2PRFIN20070829_065959_000000492061_00120_28731_1639.N1	29-AUG-2007 06:59:59	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28731	No
83	GOM_NL__2PRFIN20070829_070121_000000412061_00120_28731_1640.N1	29-AUG-2007 07:01:21	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	28731	No
84	GOM_NL__2PRFIN20070829_070249_000000452061_00120_28731_1641.N1	29-AUG-2007 07:02:49	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28731	No
85	GOM_NL__2PRFIN20070829_070422_000000412061_00120_28731_1642.N1	29-AUG-2007 07:04:22	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28731	No
86	GOM_NL__2PRFIN20070829_072104_000000542061_00121_28732_1636.N1	29-AUG-2007 07:21:04	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28732	No
87	GOM_NL__2PRFIN20070829_072702_000000472061_00121_28732_1637.N1	29-AUG-2007 07:27:02	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28732	No
88	GOM_NL__2PRFIN20070829_072844_000000522061_00121_28732_1638.N1	29-AUG-2007 07:28:44	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	28732	No
89	GOM_NL__2PRFIN20070829_073324_000000492061_00121_28732_1639.N1	29-AUG-2007 07:33:24	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	28732	No
90	GOM_NL__2PRFIN20070829_073821_000000472061_00121_28732_1640.N1	29-AUG-2007 07:38:21	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	28732	No
91	GOM_NL__2PRFIN20070829_074132_000000382061_00121_28732_1641.N1	29-AUG-2007 07:41:32	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28732	No
92	GOM_NL__2PRFIN20070829_074305_000000402061_00121_28732_1642.N1	29-AUG-2007 07:43:05	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28732	No
93	GOM_NL__2PRFIN20070829_074606_000000392061_00121_28732_1643.N1	29-AUG-2007 07:46:06	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28732	No
94	GOM_NL__2PRFIN20070829_075254_000000372061_00121_28732_1644.N1	29-AUG-2007 07:52:54	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28732	No
95	GOM_NL__2PRFIN20070829_075605_000000372061_00121_28732_1645.N1	29-AUG-2007 07:56:05	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28732	No
96	GOM_NL__2PRFIN20070829_080108_000000362061_00121_28732_1646.N1	29-AUG-2007 08:01:08	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28732	No
97	GOM_NL__2PRFIN20070829_080843_000000362061_00121_28732_1647.N1	29-AUG-2007 08:08:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28732	No
98	GOM_NL__2PRFIN20070829_082534_000000362061_00121_28732_1648.N1	29-AUG-2007 08:25:34	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28732	No
99	GOM_NL__2PRFIN20070829_082809_000000492061_00121_28732_1649.N1	29-AUG-2007 08:28:09	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	28732	No
100	GOM_NL__2PRFIN20070829_083103_000000492061_00121_28732_1650.N1	29-AUG-2007 08:31:03	Twi_and_stray	49.000	44	24Gam Gem	1.9280	11000.	98	28732	No
101	GOM_NL__2PRFIN20070829_083309_000000422061_00121_28732_1651.N1	29-AUG-2007 08:33:09	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	28732	No

102	GOM_NL__2PRFIN20070829_084036_000000492061_00121_28732_1652.N1	29-AUG-2007 08:40:36	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28732	No
103	GOM_NL__2PRFIN20070829_084157_000000412061_00121_28732_1653.N1	29-AUG-2007 08:41:57	Dark	40.500	179	24Omi2CMa	3.0320	24000.	81	28732	No
104	GOM_NL__2PRFIN20070829_084325_000000432061_00121_28732_1654.N1	29-AUG-2007 08:43:25	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28732	No
105	GOM_NL__2PRFIN20070829_084458_000000422061_00121_28732_1655.N1	29-AUG-2007 08:44:58	Dark	42.000	177	1Zet CMa	3.0220	26000.	84	28732	No
106	GOM_NL__2PRFIN20070829_090140_000000542061_00122_28733_1644.N1	29-AUG-2007 09:01:40	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28733	No
107	GOM_NL__2PRFIN20070829_090738_000000472061_00122_28733_1645.N1	29-AUG-2007 09:07:38	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28733	No
108	GOM_NL__2PRFIN20070829_090920_000000522061_00122_28733_1646.N1	29-AUG-2007 09:09:20	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	28733	No
109	GOM_NL__2PRFIN20070829_091400_000000502061_00122_28733_1647.N1	29-AUG-2007 09:14:00	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	28733	No
110	GOM_NL__2PRFIN20070829_091857_000000482061_00122_28733_1648.N1	29-AUG-2007 09:18:57	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28733	No
111	GOM_NL__2PRFIN20070829_092208_000000392061_00122_28733_1649.N1	29-AUG-2007 09:22:08	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28733	No
112	GOM_NL__2PRFIN20070829_092341_000000412061_00122_28733_1650.N1	29-AUG-2007 09:23:41	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28733	No
113	GOM_NL__2PRFIN20070829_092642_000000402061_00122_28733_1651.N1	29-AUG-2007 09:26:42	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	28733	No
114	GOM_NL__2PRFIN20070829_093330_000000372061_00122_28733_1652.N1	29-AUG-2007 09:33:30	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28733	No
115	GOM_NL__2PRFIN20070829_093641_000000352061_00122_28733_1653.N1	29-AUG-2007 09:36:41	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28733	No
116	GOM_NL__2PRFIN20070829_094144_000000372061_00122_28733_1654.N1	29-AUG-2007 09:41:44	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28733	No
117	GOM_NL__2PRFIN20070829_094919_000000362061_00122_28733_1655.N1	29-AUG-2007 09:49:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28733	No
118	GOM_NL__2PRFIN20070829_100610_000000432061_00122_28733_1656.N1	29-AUG-2007 10:06:10	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	28733	No
119	GOM_NL__2PRFIN20070829_100845_000000452061_00122_28733_1657.N1	29-AUG-2007 10:08:45	Bright	45.000	170	27Eps Gem	3.0000	9700.0	90	28733	No
120	GOM_NL__2PRFIN20070829_101139_000000502061_00122_28733_1658.N1	29-AUG-2007 10:11:39	Twi_and_stray	50.000	44	24Gam Gem	1.9280	11000.	100	28733	No
121	GOM_NL__2PRFIN20070829_101345_000000412061_00122_28733_1659.N1	29-AUG-2007 10:13:45	Twilight	41.000	8	10Alp CMi	0.40000	6500.0	82	28733	No
122	GOM_NL__2PRFIN20070829_102112_000000502061_00122_28733_1660.N1	29-AUG-2007 10:21:12	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28733	No
123	GOM_NL__2PRFIN20070829_102234_000000392061_00122_28733_1661.N1	29-AUG-2007 10:22:34	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28733	No
124	GOM_NL__2PRFIN20070829_102402_000000432061_00122_28733_1662.N1	29-AUG-2007 10:24:02	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28733	No
125	GOM_NL__2PRFIN20070829_102535_000000432061_00122_28733_1663.N1	29-AUG-2007 10:25:35	Dark	42.500	177	1Zet CMa	3.0220	26000.	85	28733	No
126	GOM_NL__2PRFIN20070829_104217_000000472061_00123_28734_1674.N1	29-AUG-2007 10:42:17	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28734	No
127	GOM_NL__2PRFIN20070829_104815_000000502061_00123_28734_1675.N1	29-AUG-2007 10:48:15	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28734	No
128	GOM_NL__2PRFIN20070829_104956_000000552061_00123_28734_1676.N1	29-AUG-2007 10:49:56	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	28734	No
129	GOM_NL__2PRFIN20070829_105436_000000492061_00123_28734_1677.N1	29-AUG-2007 10:54:36	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28734	No
130	GOM_NL__2PRFIN20070829_105933_000000472061_00123_28734_1678.N1	29-AUG-2007 10:59:33	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	28734	No
131	GOM_NL__2PRFIN20070829_110243_000000382061_00123_28734_1679.N1	29-AUG-2007 11:02:43	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28734	No
132	GOM_NL__2PRFIN20070829_110417_000000412061_00123_28734_1680.N1	29-AUG-2007 11:04:17	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28734	No
133	GOM_NL__2PRFIN20070829_110718_000000392061_00123_28734_1681.N1	29-AUG-2007 11:07:18	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28734	No
134	GOM_NL__2PRFIN20070829_111405_000000372061_00123_28734_1682.N1	29-AUG-2007 11:14:05	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28734	No
135	GOM_NL__2PRFIN20070829_111717_000000382061_00123_28734_1683.N1	29-AUG-2007 11:17:17	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28734	No
136	GOM_NL__2PRFIN20070829_112220_000000372061_00123_28734_1684.N1	29-AUG-2007 11:22:20	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28734	No
137	GOM_NL__2PRFIN20070829_112954_000000372061_00123_28734_1685.N1	29-AUG-2007 11:29:54	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28734	No
138	GOM_NL__2PRFIN20070829_114646_000000362061_00123_28734_1686.N1	29-AUG-2007 11:46:46	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28734	No
139	GOM_NL__2PRFIN20070829_114921_000000502061_00123_28734_1687.N1	29-AUG-2007 11:49:21	Bright	49.500	170	27Eps Gem	3.0000	9700.0	99	28734	No
140	GOM_NL__2PRFIN20070829_115215_000000482061_00123_28734_1688.N1	29-AUG-2007 11:52:15	Twi_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	28734	No
141	GOM_NL__2PRFIN20070829_115421_000000482061_00123_28734_1689.N1	29-AUG-2007 11:54:21	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28734	No
142	GOM_NL__2PRFIN20070829_120148_000000492061_00123_28734_1690.N1	29-AUG-2007 12:01:48	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28734	No
143	GOM_NL__2PRFIN20070829_120310_000000402061_00123_28734_1691.N1	29-AUG-2007 12:03:10	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28734	No
144	GOM_NL__2PRFIN20070829_120438_000000432061_00123_28734_1692.N1	29-AUG-2007 12:04:38	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28734	No
145	GOM_NL__2PRFIN20070829_120611_000000412061_00123_28734_1693.N1	29-AUG-2007 12:06:11	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28734	No
146	GOM_NL__2PRFIN20070829_122253_000000452061_00124_28735_1682.N1	29-AUG-2007 12:22:53	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28735	No
147	GOM_NL__2PRFIN20070829_122851_000000502061_00124_28735_1683.N1	29-AUG-2007 12:28:51	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28735	No
148	GOM_NL__2PRFIN20070829_123032_000000442061_00124_28735_1684.N1	29-AUG-2007 12:30:32	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	28735	No
149	GOM_NL__2PRFIN20070829_123513_000000492061_00124_28735_1685.N1	29-AUG-2007 12:35:13	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	28735	No
150	GOM_NL__2PRFIN20070829_124009_000000482061_00124_28735_1686.N1	29-AUG-2007 12:40:09	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28735	No
151	GOM_NL__2PRFIN20070829_124319_000000382061_00124_28735_1687.N1	29-AUG-2007 12:43:19	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28735	No
152	GOM_NL__2PRFIN20070829_124452_000000412061_00124_28735_1688.N1	29-AUG-2007 12:44:52	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28735	No
153	GOM_NL__2PRFIN20070829_124753_000000382061_00124_28735_1689.N1	29-AUG-2007 12:47:53	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28735	No
154	GOM_NL__2PRFIN20070829_125441_000000362061_00124_28735_1690.N1	29-AUG-2007 12:54:41	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28735	No
155	GOM_NL__2PRFIN20070829_125753_000000342061_00124_28735_1691.N1	29-AUG-2007 12:57:53	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	28735	No
156	GOM_NL__2PRFIN20070829_130256_000000362061_00124_28735_1692.N1	29-AUG-2007 13:02:56	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28735	No
157	GOM_NL__2PRFIN20070829_131030_000000362061_00124_28735_1693.N1	29-AUG-2007 13:10:30	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28735	No
158	GOM_NL__2PRFIN20070829_132722_000000372061_00124_28735_1694.N1	29-AUG-2007 13:27:22	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	28735	No
159	GOM_NL__2PRFIN20070829_132958_000000482061_00124_28735_1695.N1	29-AUG-2007 13:29:58	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	28735	No
160	GOM_NL__2PRFIN20070829_133252_000000512061_00124_28735_1696.N1	29-AUG-2007 13:32:52	Twi_and_stray	50.500	44	24Gam Gem	1.9280	11000.	101	28735	No

161	GOM_NL__2PRFIN20070829_133457_000000432061_00124_28735_1697.N1	29-AUG-2007 13:34:57	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28735	No
162	GOM_NL__2PRFIN20070829_134225_000000482061_00124_28735_1698.N1	29-AUG-2007 13:42:25	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28735	No
163	GOM_NL__2PRFIN20070829_134346_000000392061_00124_28735_1699.N1	29-AUG-2007 13:43:46	Dark	39.000	179	24Omi2CMa	3.0320	24000.	78	28735	No
164	GOM_NL__2PRFIN20070829_134515_000000392061_00124_28735_1700.N1	29-AUG-2007 13:45:15	Dark	39.000	23	21Eps CMa	1.5020	26000.	78	28735	No
165	GOM_NL__2PRFIN20070829_134648_000000422061_00124_28735_1701.N1	29-AUG-2007 13:46:48	Dark	41.500	177	1Zet CMa	3.0220	26000.	83	28735	No
166	GOM_NL__2PRFIN20070829_140330_000000462061_00125_28736_1705.N1	29-AUG-2007 14:03:30	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28736	No
167	GOM_NL__2PRFIN20070829_140928_000000532061_00125_28736_1706.N1	29-AUG-2007 14:09:28	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28736	No
168	GOM_NL__2PRFIN20070829_141109_000000452061_00125_28736_1707.N1	29-AUG-2007 14:11:09	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	28736	No
169	GOM_NL__2PRFIN20070829_141549_000000472061_00125_28736_1708.N1	29-AUG-2007 14:15:49	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28736	No
170	GOM_NL__2PRFIN20070829_142045_000000482061_00125_28736_1709.N1	29-AUG-2007 14:20:45	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	28736	No
171	GOM_NL__2PRFIN20070829_142355_000000382061_00125_28736_1710.N1	29-AUG-2007 14:23:55	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28736	No
172	GOM_NL__2PRFIN20070829_142528_000000412061_00125_28736_1711.N1	29-AUG-2007 14:25:28	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	28736	No
173	GOM_NL__2PRFIN20070829_142829_000000412061_00125_28736_1712.N1	29-AUG-2007 14:28:29	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	28736	No
174	GOM_NL__2PRFIN20070829_143517_000000342061_00125_28736_1713.N1	29-AUG-2007 14:35:17	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	28736	No
175	GOM_NL__2PRFIN20070829_143828_000000382061_00125_28736_1714.N1	29-AUG-2007 14:38:28	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28736	No
176	GOM_NL__2PRFIN20070829_144331_000000372061_00125_28736_1715.N1	29-AUG-2007 14:43:31	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28736	No
177	GOM_NL__2PRFIN20070829_145106_000000332061_00125_28736_1716.N1	29-AUG-2007 14:51:06	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28736	No
178	GOM_NL__2PRFIN20070829_150758_000000362061_00125_28736_1717.N1	29-AUG-2007 15:07:58	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28736	No
179	GOM_NL__2PRFIN20070829_151034_000000472061_00125_28736_1718.N1	29-AUG-2007 15:10:34	Bright	47.000	170	27Eps Gem	3.0000	9700.0	94	28736	No
180	GOM_NL__2PRFIN20070829_151328_000000492061_00125_28736_1719.N1	29-AUG-2007 15:13:28	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	28736	No
181	GOM_NL__2PRFIN20070829_151534_000000532061_00125_28736_1720.N1	29-AUG-2007 15:15:34	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28736	No
182	GOM_NL__2PRFIN20070829_152301_000000522061_00125_28736_1721.N1	29-AUG-2007 15:23:01	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28736	No
183	GOM_NL__2PRFIN20070829_152423_000000392061_00125_28736_1722.N1	29-AUG-2007 15:24:23	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28736	No
184	GOM_NL__2PRFIN20070829_152551_000000402061_00125_28736_1723.N1	29-AUG-2007 15:25:51	Dark	39.500	23	21Eps CMa	1.5020	26000.	79	28736	No
185	GOM_NL__2PRFIN20070829_152724_000000412061_00125_28736_1724.N1	29-AUG-2007 15:27:24	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28736	No
186	GOM_NL__2PRFIN20070829_154406_000000452061_00126_28737_1719.N1	29-AUG-2007 15:44:06	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28737	No
187	GOM_NL__2PRFIN20070829_155004_000000532061_00126_28737_1720.N1	29-AUG-2007 15:50:04	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28737	No
188	GOM_NL__2PRFIN20070829_155145_000000482061_00126_28737_1721.N1	29-AUG-2007 15:51:45	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	28737	No
189	GOM_NL__2PRFIN20070829_155625_000000472061_00126_28737_1722.N1	29-AUG-2007 15:56:25	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28737	No
190	GOM_NL__2PRFIN20070829_160121_000000462061_00126_28737_1723.N1	29-AUG-2007 16:01:21	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	28737	No
191	GOM_NL__2PRFIN20070829_160431_000000382061_00126_28737_1724.N1	29-AUG-2007 16:04:31	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	28737	No
192	GOM_NL__2PRFIN20070829_160604_000000412061_00126_28737_1725.N1	29-AUG-2007 16:06:04	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28737	No
193	GOM_NL__2PRFIN20070829_160905_000000392061_00126_28737_1726.N1	29-AUG-2007 16:09:05	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28737	No
194	GOM_NL__2PRFIN20070829_161553_000000372061_00126_28737_1727.N1	29-AUG-2007 16:15:53	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28737	No
195	GOM_NL__2PRFIN20070829_161904_000000372061_00126_28737_1728.N1	29-AUG-2007 16:19:04	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28737	No
196	GOM_NL__2PRFIN20070829_162407_000000352061_00126_28737_1729.N1	29-AUG-2007 16:24:07	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28737	No
197	GOM_NL__2PRFIN20070829_163142_000000372061_00126_28737_1730.N1	29-AUG-2007 16:31:42	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28737	No
198	GOM_NL__2PRFIN20070829_164834_000000382061_00126_28737_1731.N1	29-AUG-2007 16:48:34	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	28737	No
199	GOM_NL__2PRFIN20070829_165110_000000462061_00126_28737_1732.N1	29-AUG-2007 16:51:10	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	28737	No
200	GOM_NL__2PRFIN20070829_165405_000000482061_00126_28737_1733.N1	29-AUG-2007 16:54:05	Twi_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	28737	No
201	GOM_NL__2PRFIN20070829_165610_000000502061_00126_28737_1734.N1	29-AUG-2007 16:56:10	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	28737	No
202	GOM_NL__2PRFIN20070829_170338_000000472061_00126_28737_1735.N1	29-AUG-2007 17:03:38	Dark	46.500	1	9Alp CMa	-1.4400	11000.	93	28737	No
203	GOM_NL__2PRFIN20070829_170459_000000422061_00126_28737_1736.N1	29-AUG-2007 17:04:59	Dark	41.500	179	24Omi2CMa	3.0320	24000.	83	28737	No
204	GOM_NL__2PRFIN20070829_170627_000000452061_00126_28737_1737.N1	29-AUG-2007 17:06:27	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28737	No
205	GOM_NL__2PRFIN20070829_170801_000000412061_00126_28737_1738.N1	29-AUG-2007 17:08:01	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28737	No
206	GOM_NL__2PRFIN20070829_172443_000000452061_00127_28738_1732.N1	29-AUG-2007 17:24:43	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28738	No
207	GOM_NL__2PRFIN20070829_173041_000000472061_00127_28738_1733.N1	29-AUG-2007 17:30:41	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28738	No
208	GOM_NL__2PRFIN20070829_173221_000000522061_00127_28738_1734.N1	29-AUG-2007 17:32:21	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	28738	No
209	GOM_NL__2PRFIN20070829_173701_000000482061_00127_28738_1735.N1	29-AUG-2007 17:37:01	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	28738	No
210	GOM_NL__2PRFIN20070829_174157_000000442061_00127_28738_1736.N1	29-AUG-2007 17:41:57	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	28738	No
211	GOM_NL__2PRFIN20070829_174507_000000392061_00127_28738_1737.N1	29-AUG-2007 17:45:07	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28738	No
212	GOM_NL__2PRFIN20070829_174640_000000412061_00127_28738_1738.N1	29-AUG-2007 17:46:40	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28738	No
213	GOM_NL__2PRFIN20070829_174941_000000392061_00127_28738_1739.N1	29-AUG-2007 17:49:41	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	28738	No
214	GOM_NL__2PRFIN20070829_175629_000000382061_00127_28738_1740.N1	29-AUG-2007 17:56:29	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28738	No
215	GOM_NL__2PRFIN20070829_175940_000000372061_00127_28738_1741.N1	29-AUG-2007 17:59:40	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28738	No
216	GOM_NL__2PRFIN20070829_180443_000000372061_00127_28738_1742.N1	29-AUG-2007 18:04:43	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28738	No
217	GOM_NL__2PRFIN20070829_181218_000000362061_00127_28738_1743.N1	29-AUG-2007 18:12:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28738	No
218	GOM_NL__2PRFIN20070829_182910_000000362061_00127_28738_1744.N1	29-AUG-2007 18:29:10	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28738	No
219	GOM_NL__2PRFIN20070829_183146_000000432061_00127_28738_1745.N1	29-AUG-2007 18:31:46	Bright	43.000	170	27Eps Gem	3.0000	9700.0	86	28738	No

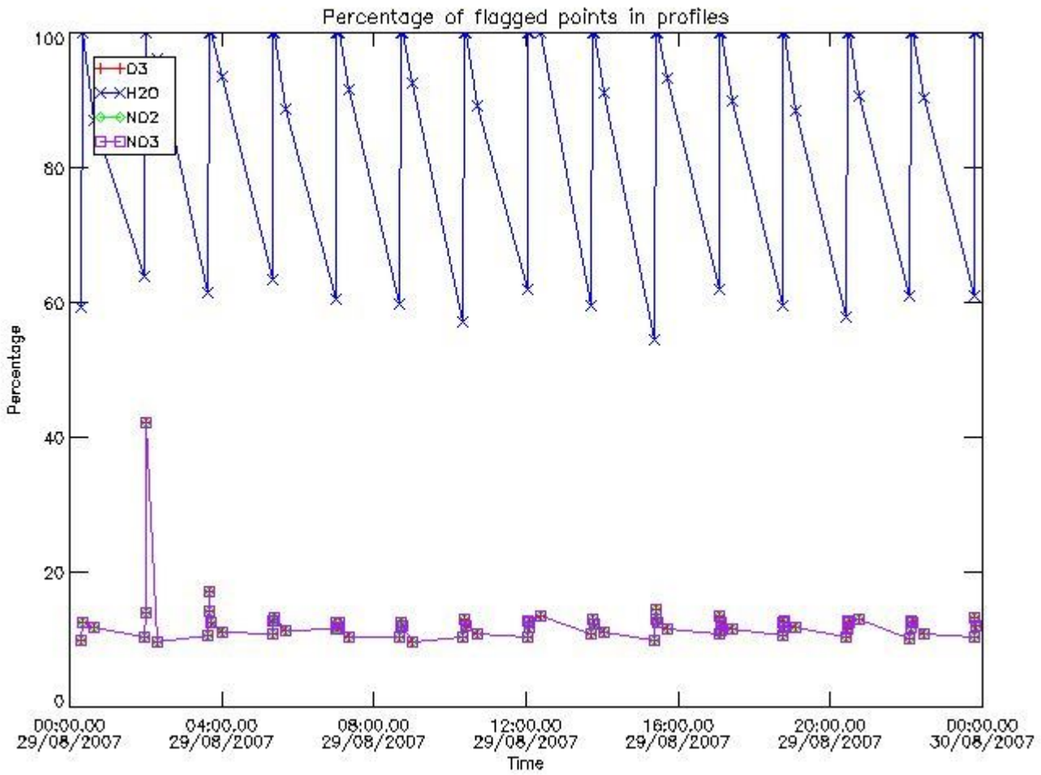
220	GOM_NL__2PRFIN20070829_183441_000000482061_00127_28738_1746.N1	29-AUG-2007 18:34:41	Twi_and_stray	47.500	44	24Gam Gem	1.9280	11000.	95	28738	No
221	GOM_NL__2PRFIN20070829_183646_000000532061_00127_28738_1747.N1	29-AUG-2007 18:36:46	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28738	No
222	GOM_NL__2PRFIN20070829_184414_000000492061_00127_28738_1748.N1	29-AUG-2007 18:44:14	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28738	No
223	GOM_NL__2PRFIN20070829_184536_000000412061_00127_28738_1749.N1	29-AUG-2007 18:45:36	Dark	41.000	179	24Omi2CMa	3.0320	24000.	82	28738	No
224	GOM_NL__2PRFIN20070829_184704_000000442061_00127_28738_1750.N1	29-AUG-2007 18:47:04	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28738	No
225	GOM_NL__2PRFIN20070829_184837_000000402061_00127_28738_1751.N1	29-AUG-2007 18:48:37	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28738	No
226	GOM_NL__2PRFIN20070829_190520_000000442061_00128_28739_1752.N1	29-AUG-2007 19:05:20	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28739	No
227	GOM_NL__2PRFIN20070829_191117_000000562061_00128_28739_1753.N1	29-AUG-2007 19:11:17	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	28739	No
228	GOM_NL__2PRFIN20070829_191257_000000512061_00128_28739_1754.N1	29-AUG-2007 19:12:57	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	28739	No
229	GOM_NL__2PRFIN20070829_191738_000000512061_00128_28739_1755.N1	29-AUG-2007 19:17:38	Straylight	51.000	18	24Alp PsA	1.1660	9700.0	102	28739	No
230	GOM_NL__2PRFIN20070829_192233_000000442061_00128_28739_1756.N1	29-AUG-2007 19:22:33	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28739	No
231	GOM_NL__2PRFIN20070829_192543_000000372061_00128_28739_1757.N1	29-AUG-2007 19:25:43	Bright	37.000	154	22Bet Aqr	2.8990	5700.0	74	28739	No
232	GOM_NL__2PRFIN20070829_192716_000000402061_00128_28739_1758.N1	29-AUG-2007 19:27:16	Bright	39.500	162	34Alp Aqr	2.9440	5350.0	79	28739	No
233	GOM_NL__2PRFIN20070829_193017_000000402061_00128_28739_1759.N1	29-AUG-2007 19:30:17	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	28739	No
234	GOM_NL__2PRFIN20070829_193705_000000372061_00128_28739_1760.N1	29-AUG-2007 19:37:05	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28739	No
235	GOM_NL__2PRFIN20070829_194016_000000382061_00128_28739_1761.N1	29-AUG-2007 19:40:16	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	28739	No
236	GOM_NL__2PRFIN20070829_194519_000000382061_00128_28739_1762.N1	29-AUG-2007 19:45:19	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28739	No
237	GOM_NL__2PRFIN20070829_195254_000000362061_00128_28739_1763.N1	29-AUG-2007 19:52:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28739	No
238	GOM_NL__2PRFIN20070829_200946_000000372061_00128_28739_1764.N1	29-AUG-2007 20:09:46	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	28739	No
239	GOM_NL__2PRFIN20070829_201222_000000462061_00128_28739_1765.N1	29-AUG-2007 20:12:22	Bright	45.500	170	27Eps Gem	3.0000	9700.0	91	28739	No
240	GOM_NL__2PRFIN20070829_201517_000000492061_00128_28739_1766.N1	29-AUG-2007 20:15:17	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	28739	No
241	GOM_NL__2PRFIN20070829_201722_000000472061_00128_28739_1767.N1	29-AUG-2007 20:17:22	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28739	No
242	GOM_NL__2PRFIN20070829_202451_000000492061_00128_28739_1768.N1	29-AUG-2007 20:24:51	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28739	No
243	GOM_NL__2PRFIN20070829_202612_000000402061_00128_28739_1769.N1	29-AUG-2007 20:26:12	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28739	No
244	GOM_NL__2PRFIN20070829_202740_000000442061_00128_28739_1770.N1	29-AUG-2007 20:27:40	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28739	No
245	GOM_NL__2PRFIN20070829_202914_000000412061_00128_28739_1771.N1	29-AUG-2007 20:29:14	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	28739	No
246	GOM_NL__2PRFIN20070829_204556_000000432061_00129_28740_1765.N1	29-AUG-2007 20:45:56	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28740	No
247	GOM_NL__2PRFIN20070829_205154_000000572061_00129_28740_1766.N1	29-AUG-2007 20:51:54	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	28740	No
248	GOM_NL__2PRFIN20070829_205334_000000522061_00129_28740_1767.N1	29-AUG-2007 20:53:34	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	28740	No
249	GOM_NL__2PRFIN20070829_205814_000000502061_00129_28740_1768.N1	29-AUG-2007 20:58:14	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	28740	No
250	GOM_NL__2PRFIN20070829_210310_000000542061_00129_28740_1769.N1	29-AUG-2007 21:03:10	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	28740	No
251	GOM_NL__2PRFIN20070829_210619_000000392061_00129_28740_1770.N1	29-AUG-2007 21:06:19	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28740	No
252	GOM_NL__2PRFIN20070829_210752_000000412061_00129_28740_1771.N1	29-AUG-2007 21:07:52	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	28740	No
253	GOM_NL__2PRFIN20070829_211053_000000392061_00129_28740_1772.N1	29-AUG-2007 21:10:53	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28740	No
254	GOM_NL__2PRFIN20070829_211741_000000352061_00129_28740_1773.N1	29-AUG-2007 21:17:41	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	28740	No
255	GOM_NL__2PRFIN20070829_212052_000000352061_00129_28740_1774.N1	29-AUG-2007 21:20:52	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	28740	No
256	GOM_NL__2PRFIN20070829_212555_000000372061_00129_28740_1775.N1	29-AUG-2007 21:25:55	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28740	No
257	GOM_NL__2PRFIN20070829_213330_000000372061_00129_28740_1776.N1	29-AUG-2007 21:33:30	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28740	No
258	GOM_NL__2PRFIN20070829_215022_000000382061_00129_28740_1777.N1	29-AUG-2007 21:50:22	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	28740	No
259	GOM_NL__2PRFIN20070829_215258_000000442061_00129_28740_1778.N1	29-AUG-2007 21:52:58	Bright	44.000	170	27Eps Gem	3.0000	9700.0	88	28740	No
260	GOM_NL__2PRFIN20070829_215553_000000492061_00129_28740_1779.N1	29-AUG-2007 21:55:53	Twi_and_stray	48.500	44	24Gam Gem	1.9280	11000.	97	28740	No
261	GOM_NL__2PRFIN20070829_215758_000000502061_00129_28740_1780.N1	29-AUG-2007 21:57:58	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28740	No
262	GOM_NL__2PRFIN20070829_220527_000000512061_00129_28740_1781.N1	29-AUG-2007 22:05:27	Dark	50.500	1	9Alp CMa	-1.4400	11000.	101	28740	No
263	GOM_NL__2PRFIN20070829_220649_000000402061_00129_28740_1782.N1	29-AUG-2007 22:06:49	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	28740	No
264	GOM_NL__2PRFIN20070829_220817_000000432061_00129_28740_1783.N1	29-AUG-2007 22:08:17	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28740	No
265	GOM_NL__2PRFIN20070829_220950_000000412061_00129_28740_1784.N1	29-AUG-2007 22:09:50	Dark	41.000	177	1Zet CMa	3.0220	26000.	82	28740	No
266	GOM_NL__2PRFIN20070829_222633_000000472061_00130_28741_1779.N1	29-AUG-2007 22:26:33	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28741	No
267	GOM_NL__2PRFIN20070829_223230_000000542061_00130_28741_1780.N1	29-AUG-2007 22:32:30	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28741	No
268	GOM_NL__2PRFIN20070829_223410_000000532061_00130_28741_1781.N1	29-AUG-2007 22:34:10	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	28741	No
269	GOM_NL__2PRFIN20070829_223850_000000552061_00130_28741_1782.N1	29-AUG-2007 22:38:50	Straylight	54.500	18	24Alp PsA	1.1660	9700.0	109	28741	No
270	GOM_NL__2PRFIN20070829_224345_000000542061_00130_28741_1783.N1	29-AUG-2007 22:43:45	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	28741	No
271	GOM_NL__2PRFIN20070829_224655_000000392061_00130_28741_1784.N1	29-AUG-2007 22:46:55	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	28741	No
272	GOM_NL__2PRFIN20070829_224828_000000402061_00130_28741_1785.N1	29-AUG-2007 22:48:28	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	28741	No
273	GOM_NL__2PRFIN20070829_225129_000000382061_00130_28741_1786.N1	29-AUG-2007 22:51:29	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28741	No
274	GOM_NL__2PRFIN20070829_225817_000000362061_00130_28741_1787.N1	29-AUG-2007 22:58:17	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	28741	No
275	GOM_NL__2PRFIN20070829_230128_000000342061_00130_28741_1788.N1	29-AUG-2007 23:01:28	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	28741	No
276	GOM_NL__2PRFIN20070829_230630_000000332061_00130_28741_1789.N1	29-AUG-2007 23:06:30	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	28741	No
277	GOM_NL__2PRFIN20070829_231406_000000352061_00130_28741_1790.N1	29-AUG-2007 23:14:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28741	No
278	GOM_NL__2PRFIN20070829_233058_000000362061_00130_28741_1791.N1	29-AUG-2007 23:30:58	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	28741	No

279	GOM_NL__2PRFIN20070829_233334_000000502061_00130_28741_1792.N1	29-AUG-2007 23:33:34	Bright	49.500	170	27Eps Gem	3.0000	9700.0	99	28741	No
280	GOM_NL__2PRFIN20070829_233629_000000472061_00130_28741_1793.N1	29-AUG-2007 23:36:29	Twi_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	28741	No
281	GOM_NL__2PRFIN20070829_233835_000000472061_00130_28741_1794.N1	29-AUG-2007 23:38:35	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28741	No
282	GOM_NL__2PRFIN20070829_234604_000000492061_00130_28741_1795.N1	29-AUG-2007 23:46:04	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28741	No
283	GOM_NL__2PRFIN20070829_234725_000000392061_00130_28741_1796.N1	29-AUG-2007 23:47:25	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	28741	No
284	GOM_NL__2PRFIN20070829_234853_000000432061_00130_28741_1797.N1	29-AUG-2007 23:48:53	Dark	42.500	23	21Eps CMa	1.5020	26000.	85	28741	No

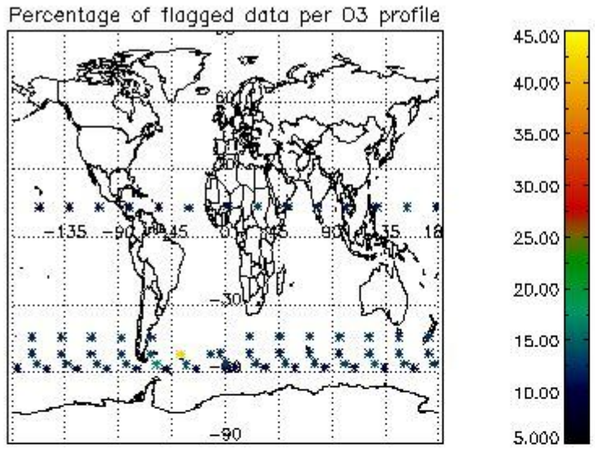
3. Quality information per product

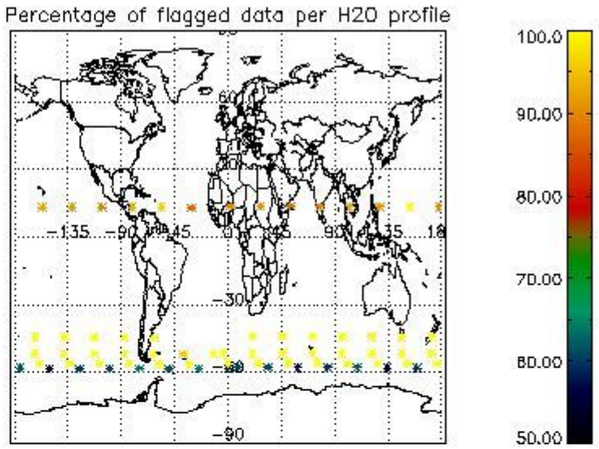
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

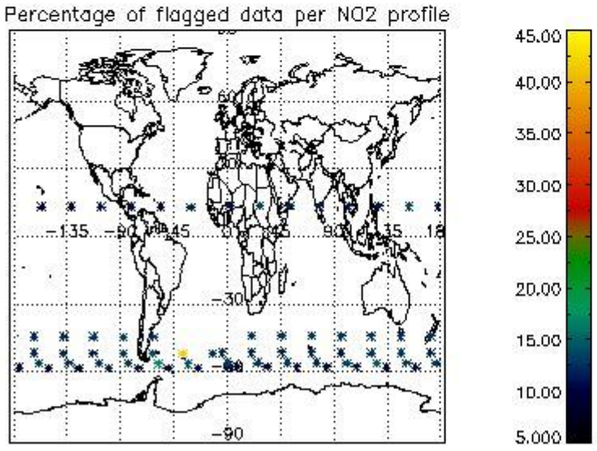
3.1 Plot quality information per product (time dependant)

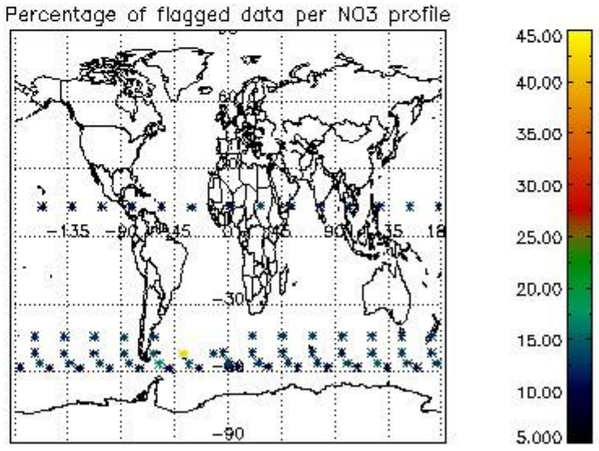


3.2 Plot quality information per product (world map)







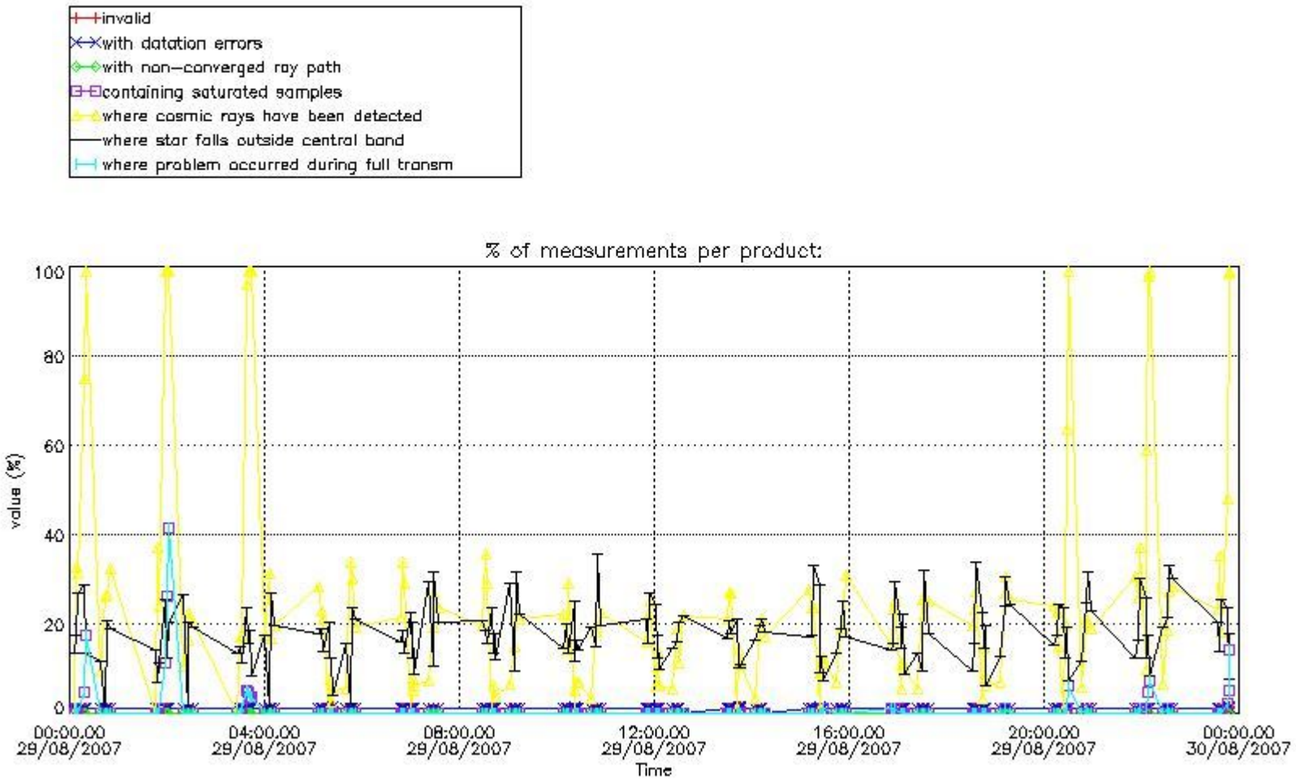


4. Level 1 quality information per product

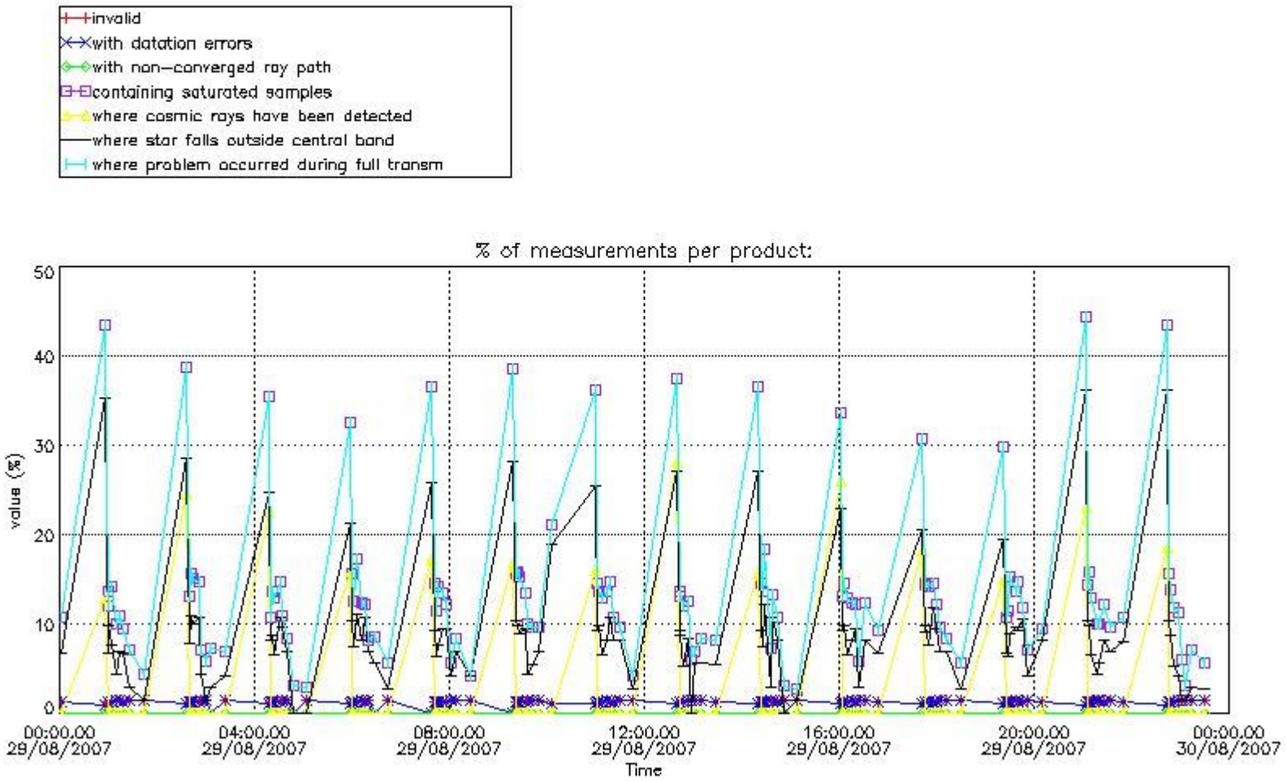
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

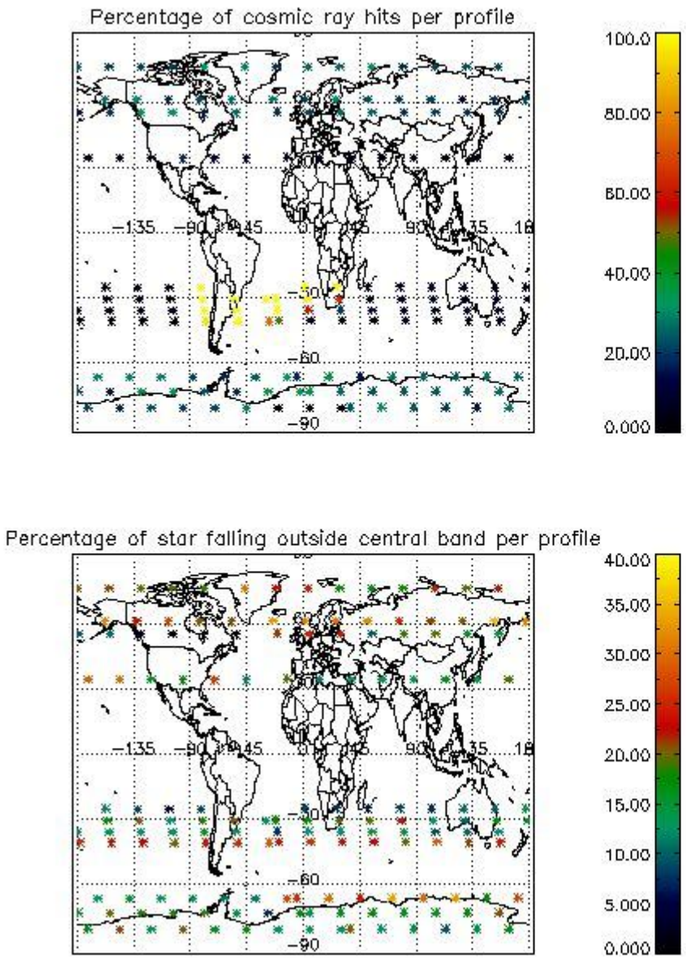


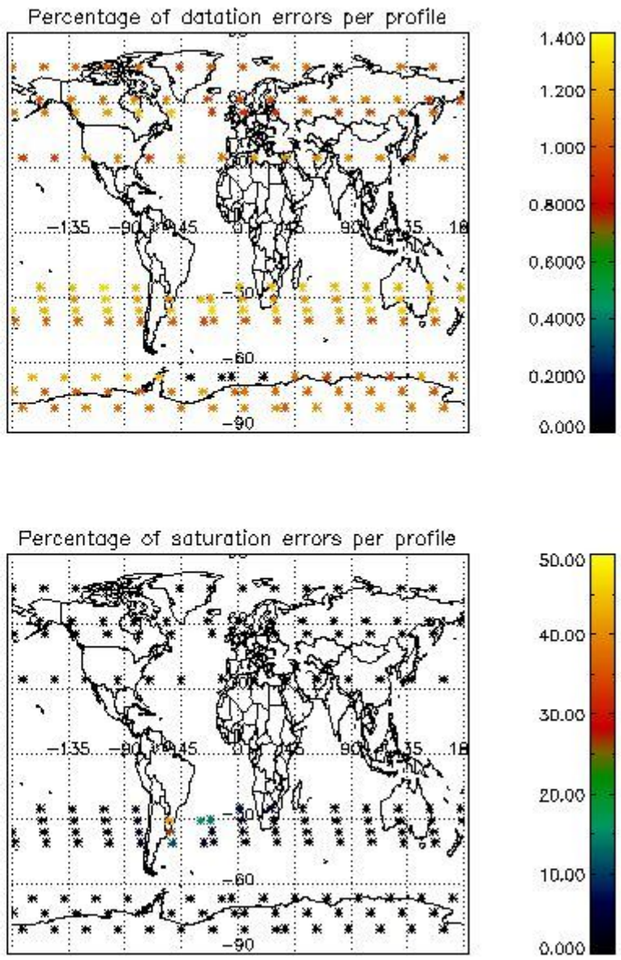
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



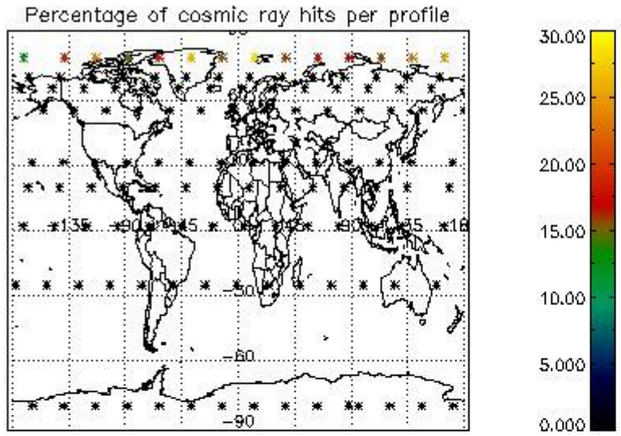
4.2 Plot quality information per product comming from level 1b processing (world map)

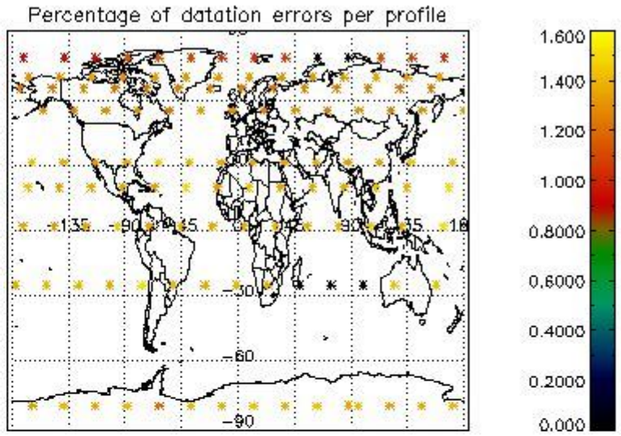
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

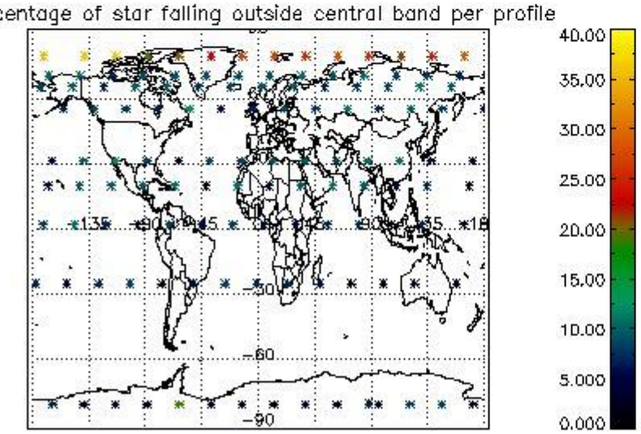


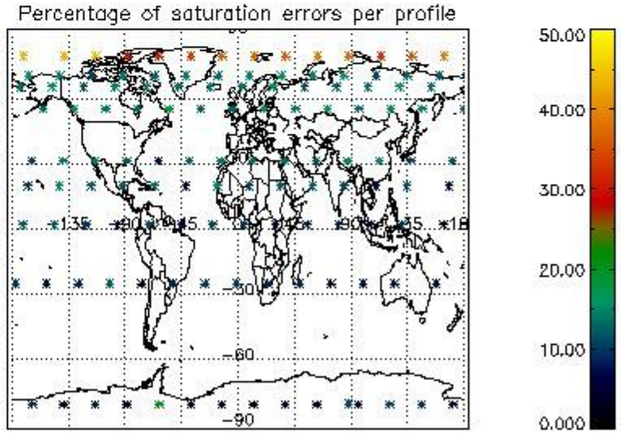


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

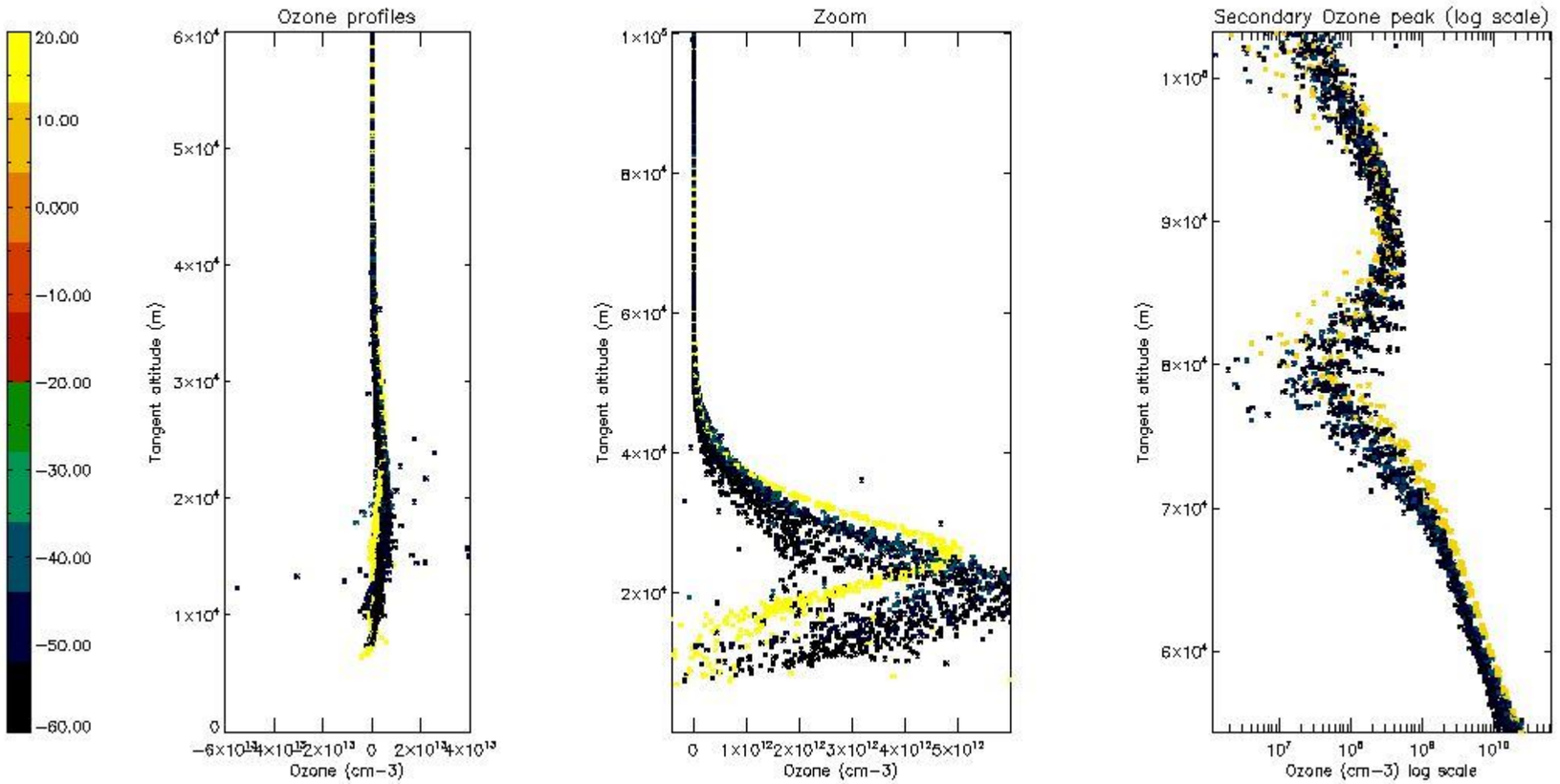
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	18

STD < 10	16
STD < 5	13

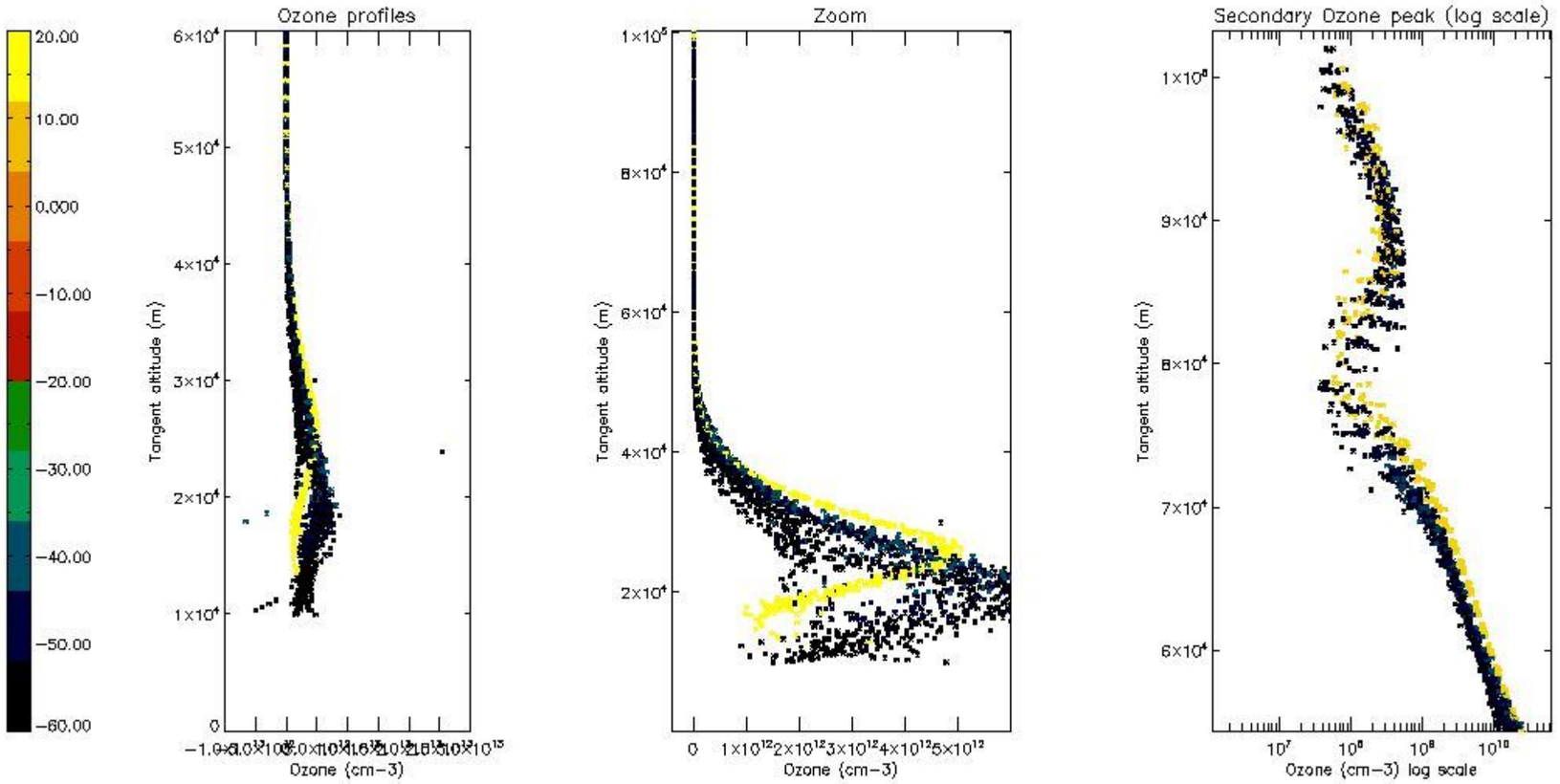
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



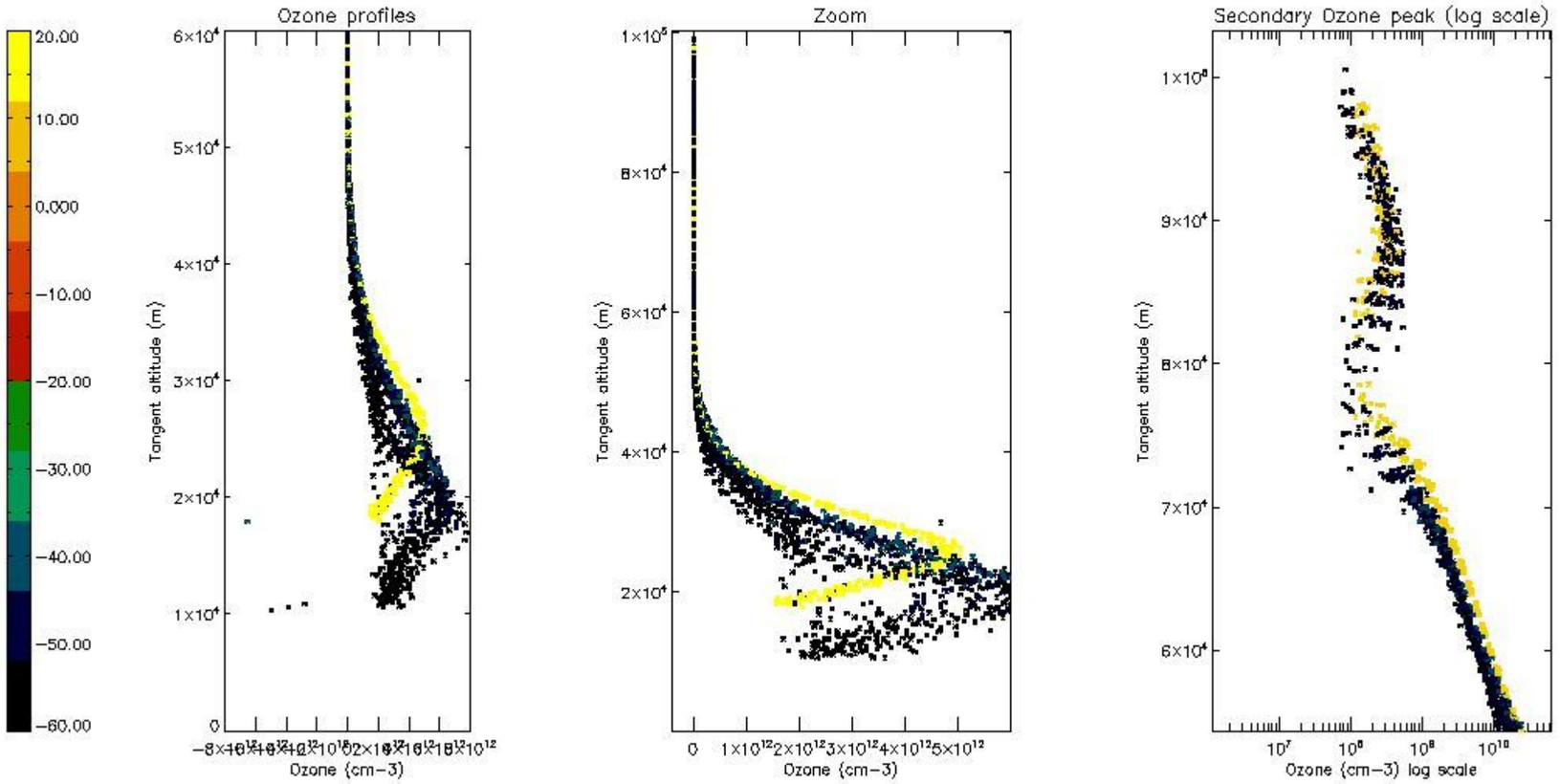
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



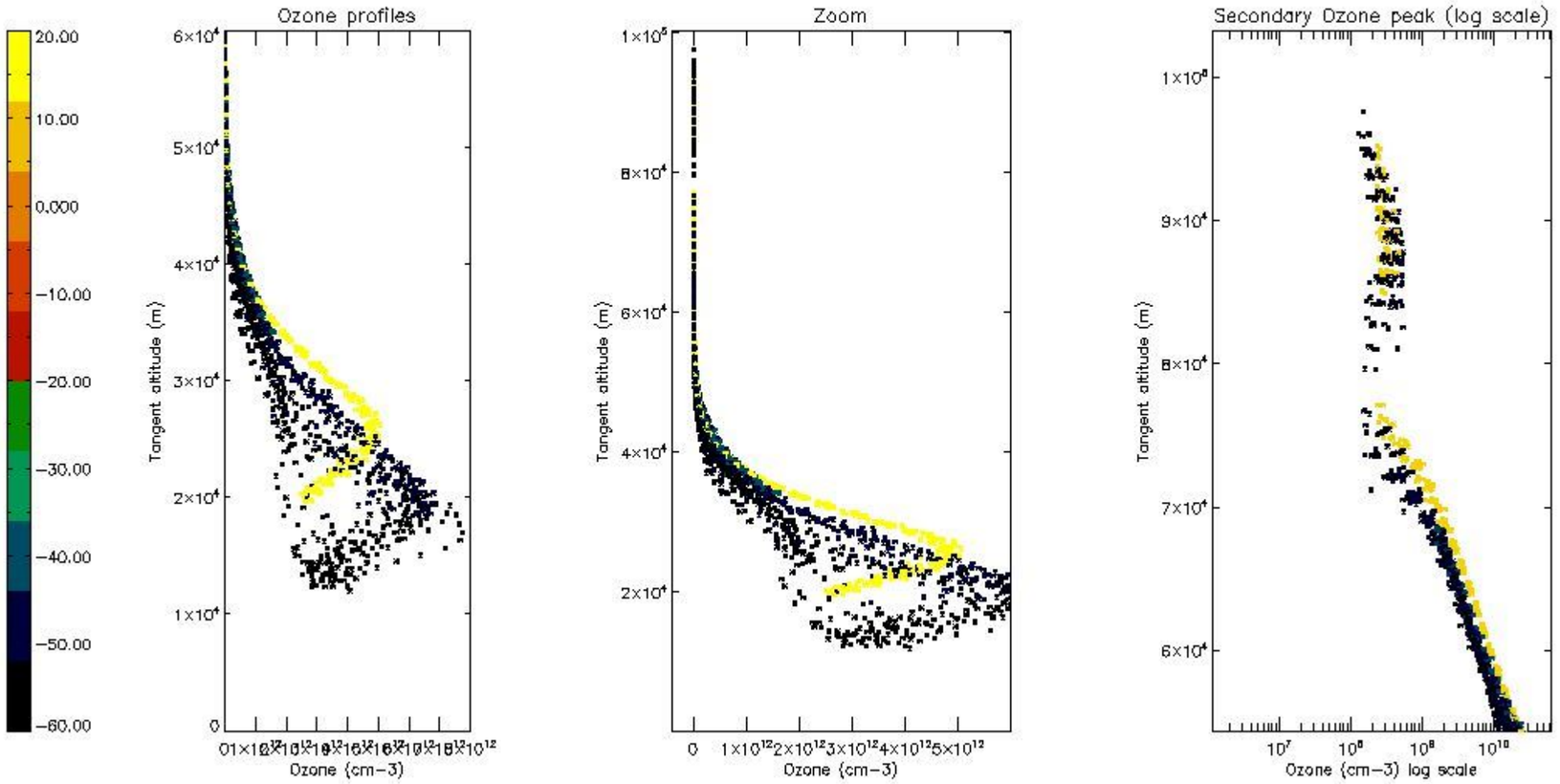
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



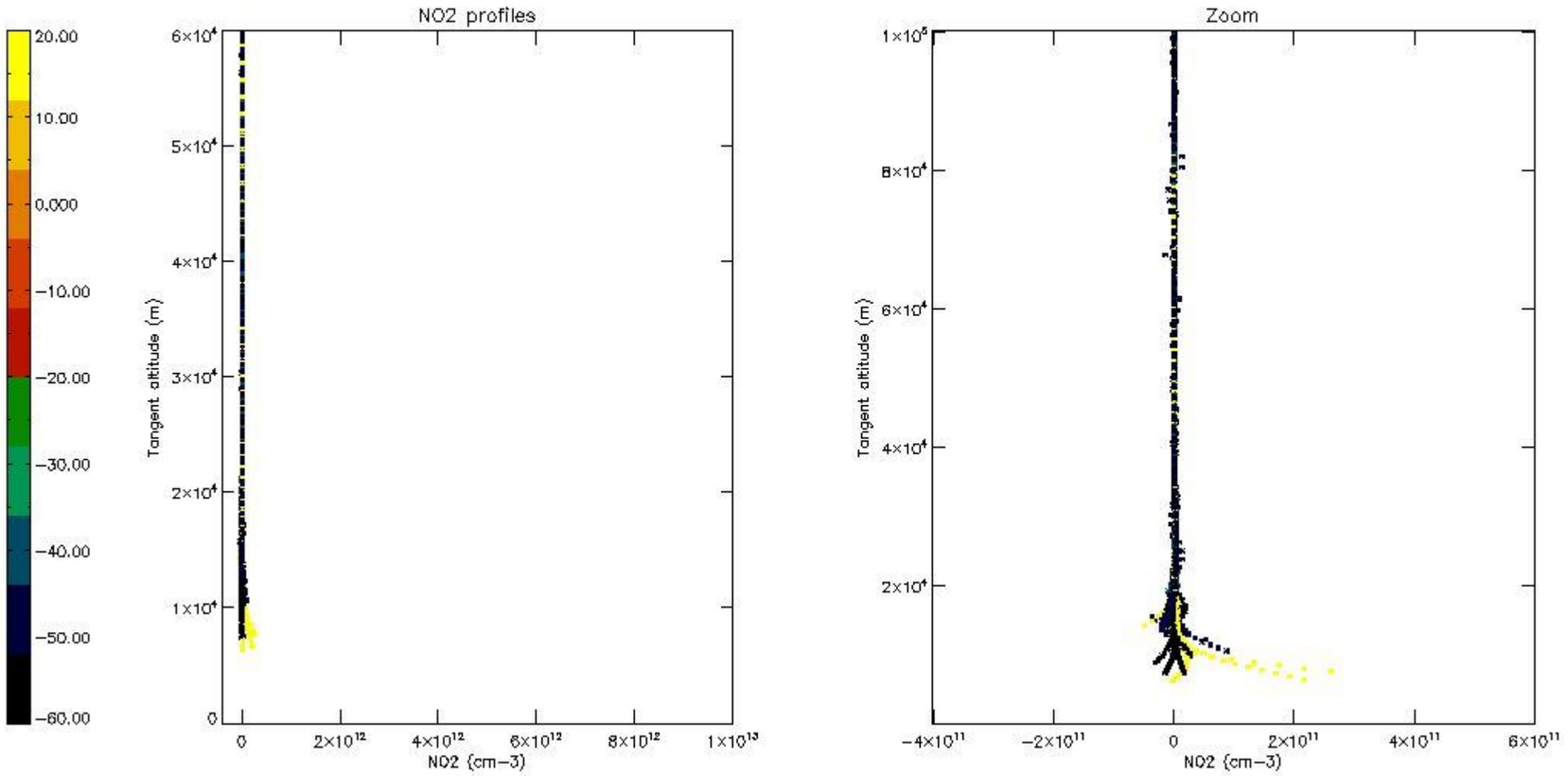
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



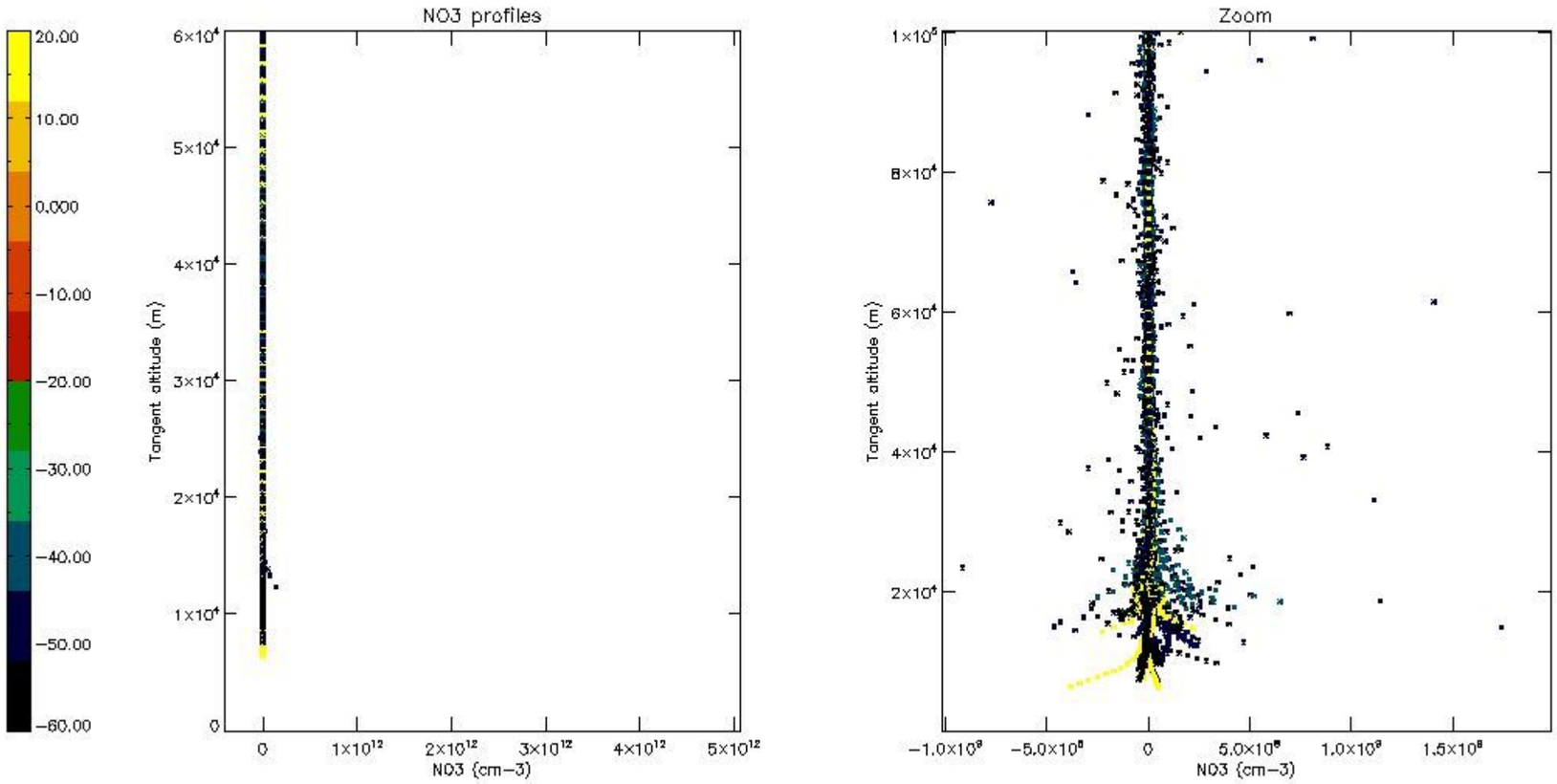
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



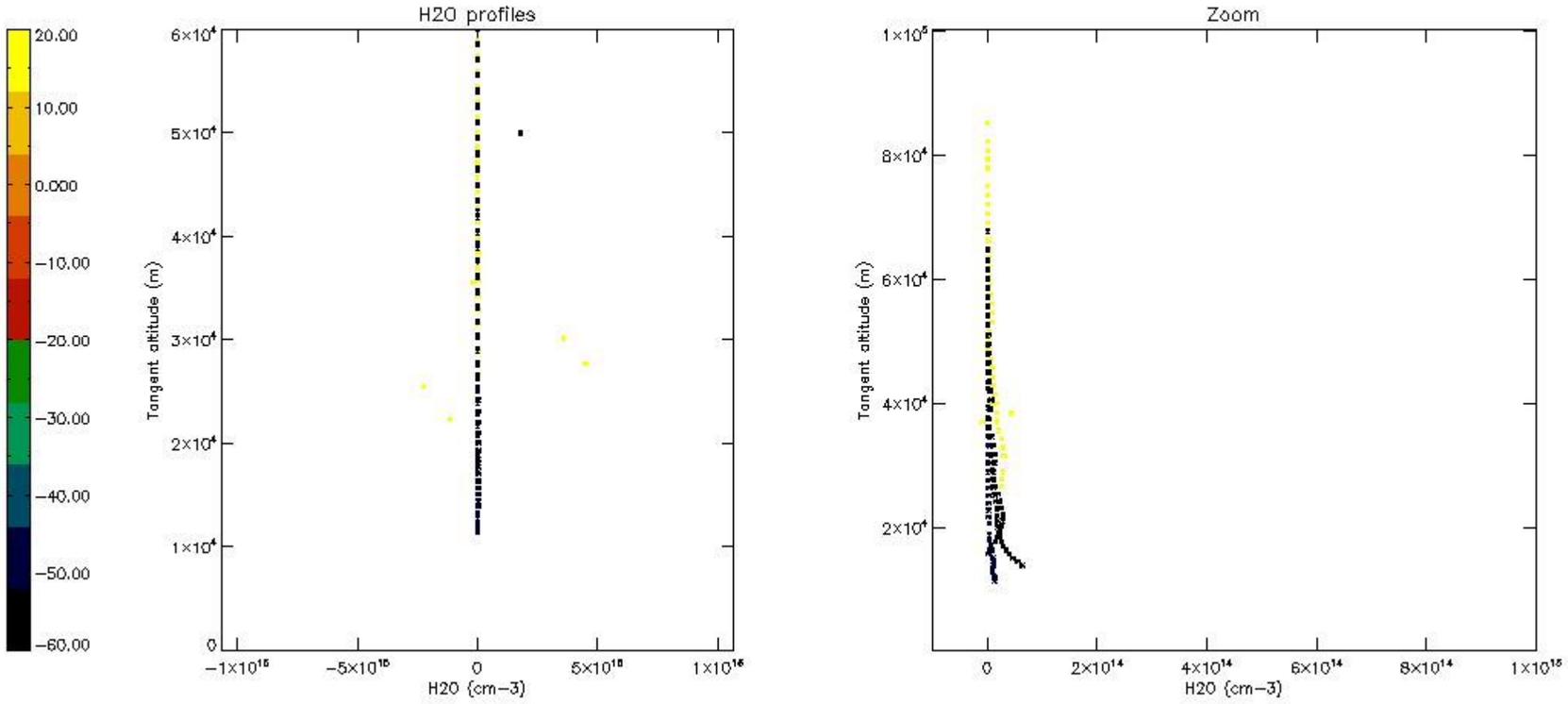
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

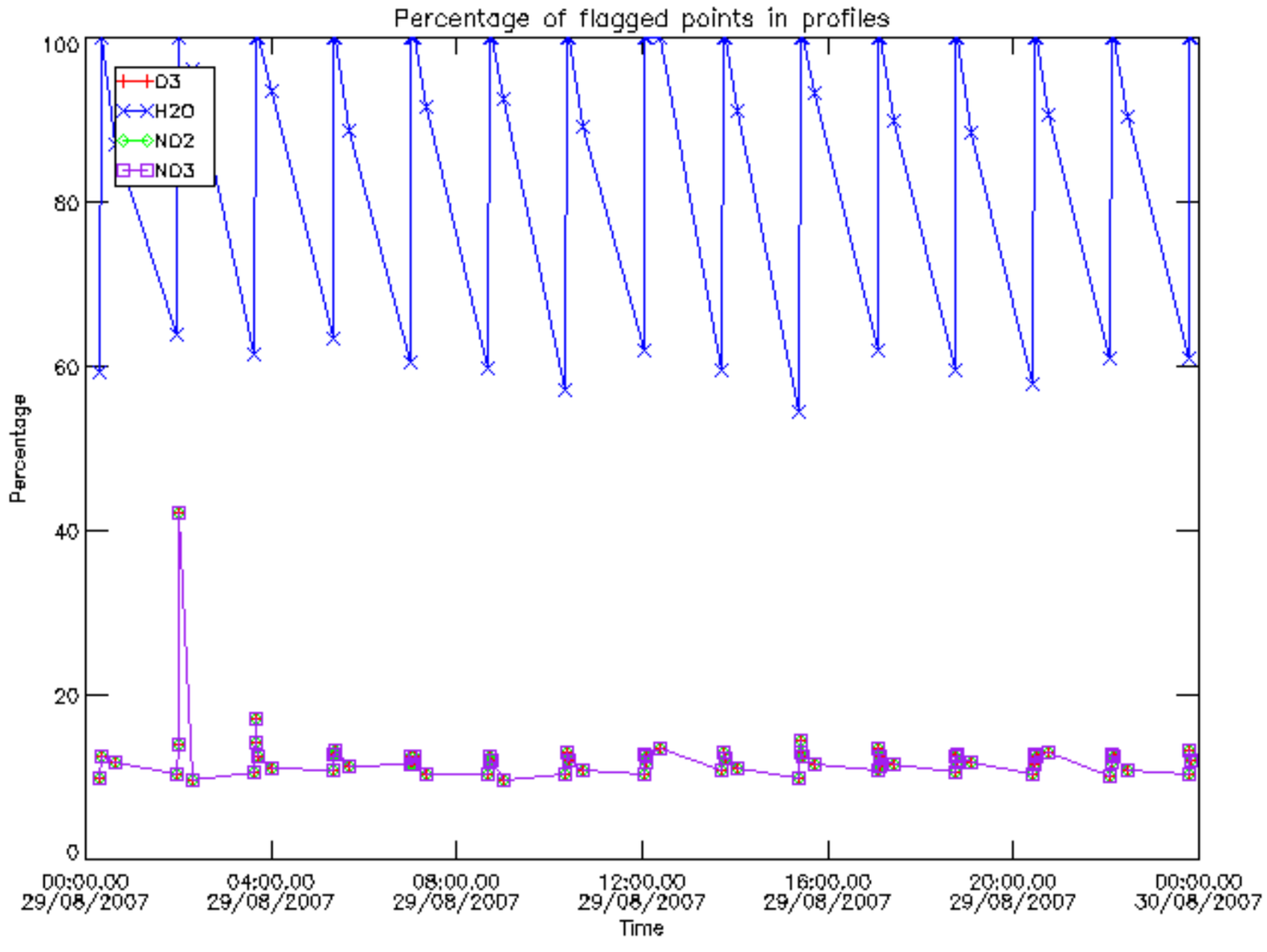
The colorbar represents the latitude.



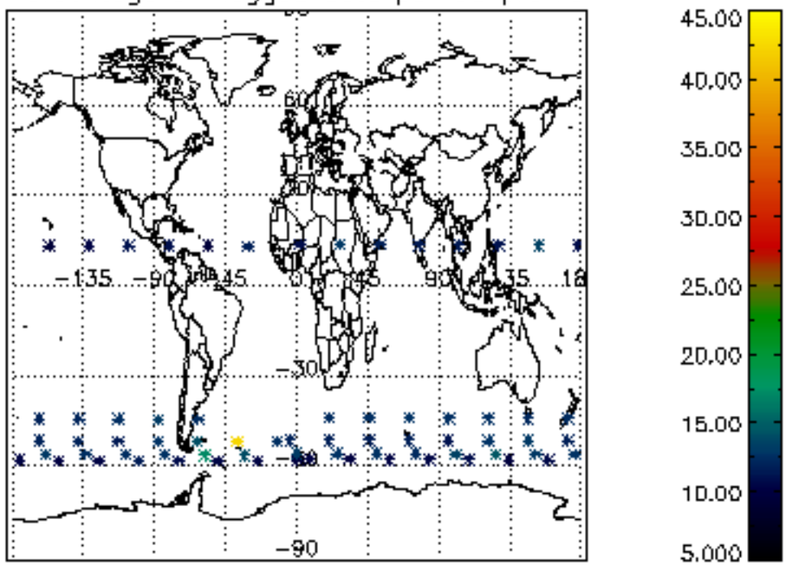
6. Auxiliary Data Files used for the production reported in section 2

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

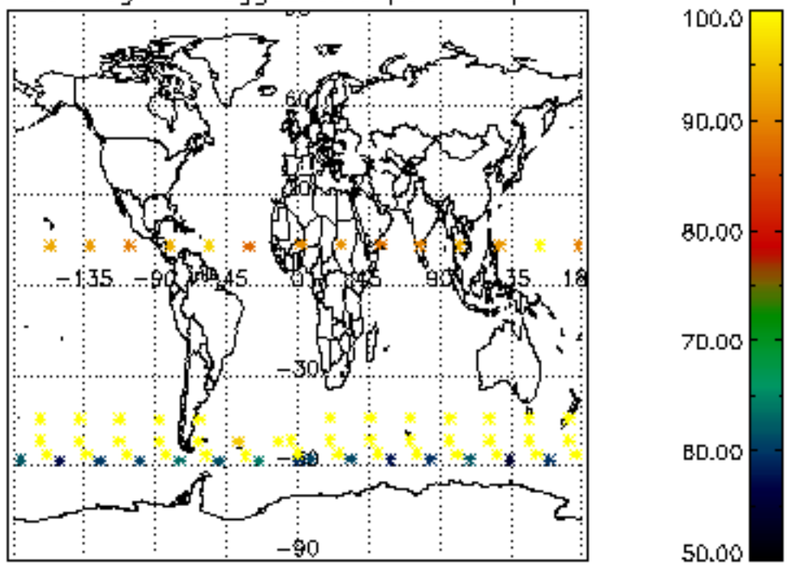
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-AUG-2007 00:02:33
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-AUG-2007 00:02:33
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-AUG-2007 00:02:33


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
29/08/2007
04:00.00
29/08/2007
08:00.00
29/08/2007
12:00.00
29/08/2007
16:00.00
29/08/2007
20:00.00
29/08/2007
00:00.00
30/08/2007
Time

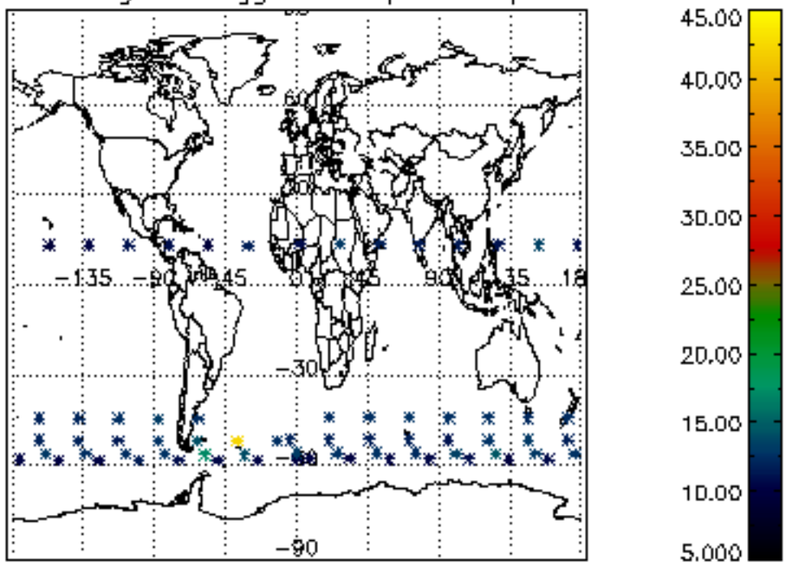
Percentage of flagged data per O3 profile



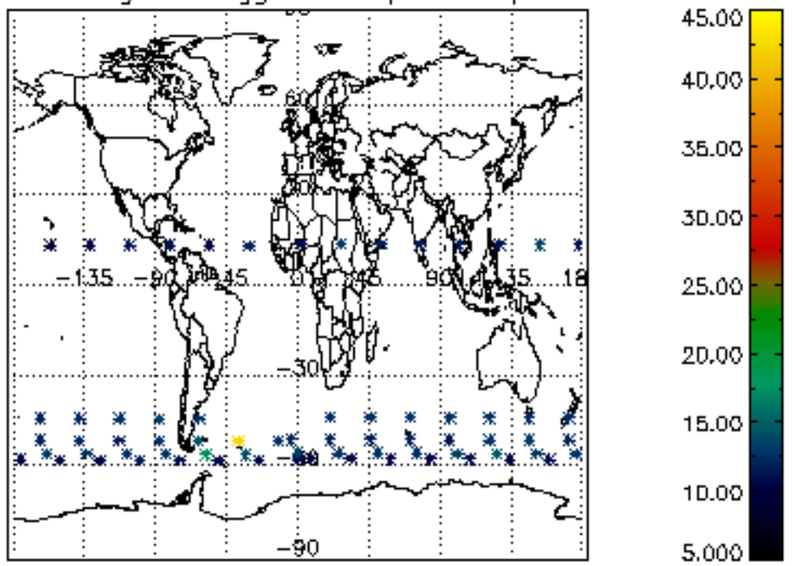
Percentage of flagged data per H2O profile

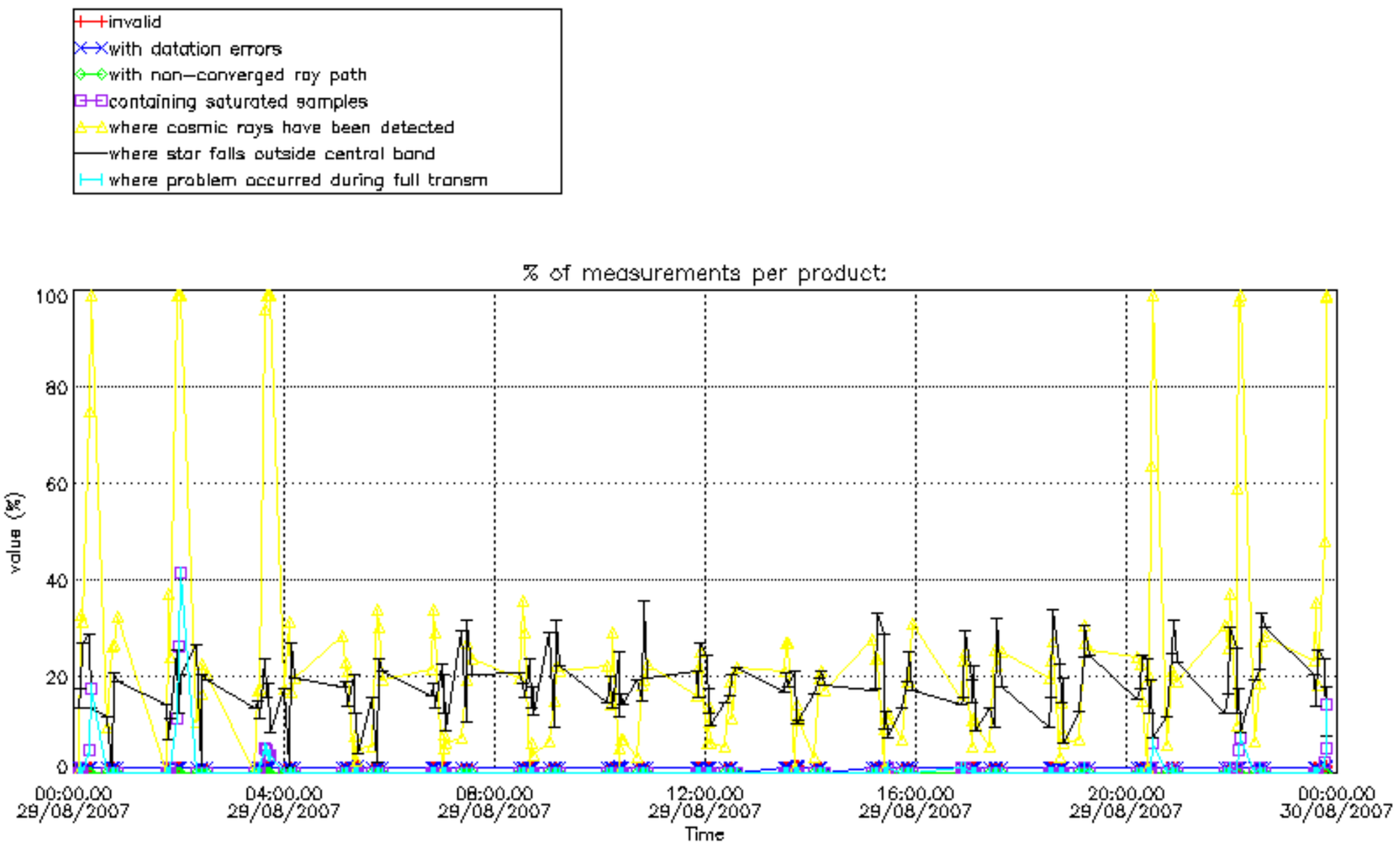


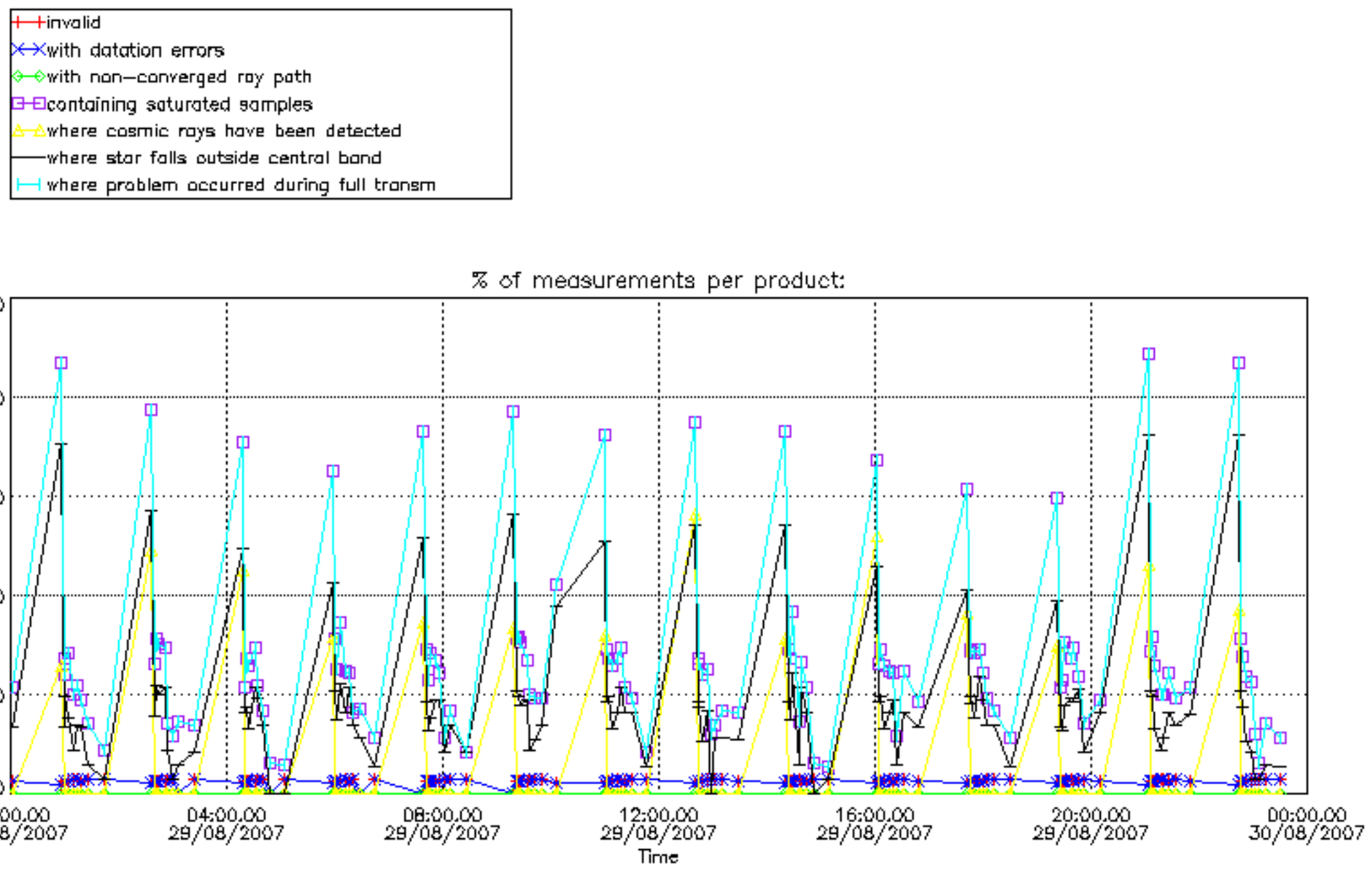
Percentage of flagged data per NO2 profile

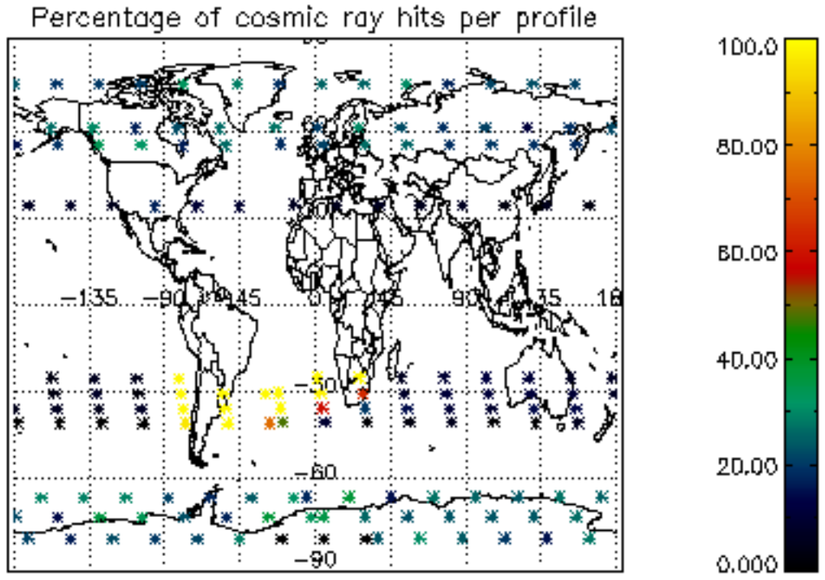


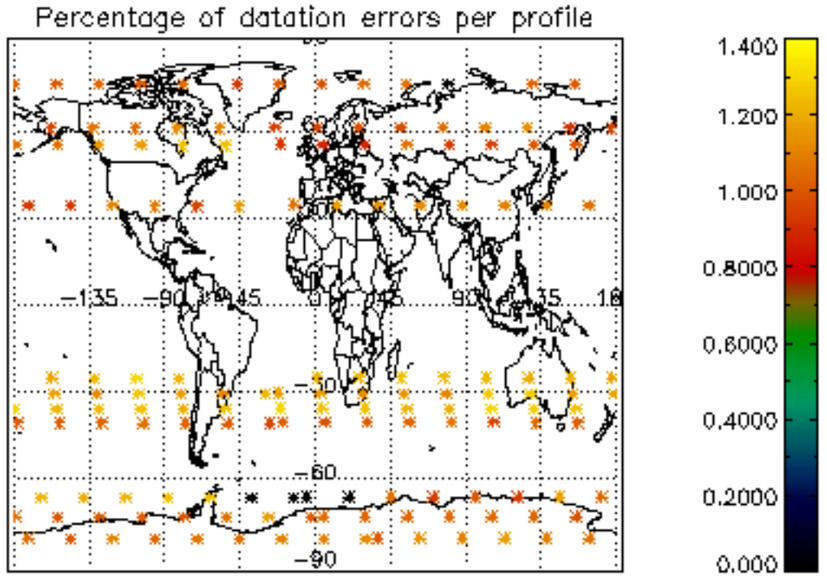
Percentage of flagged data per NO3 profile

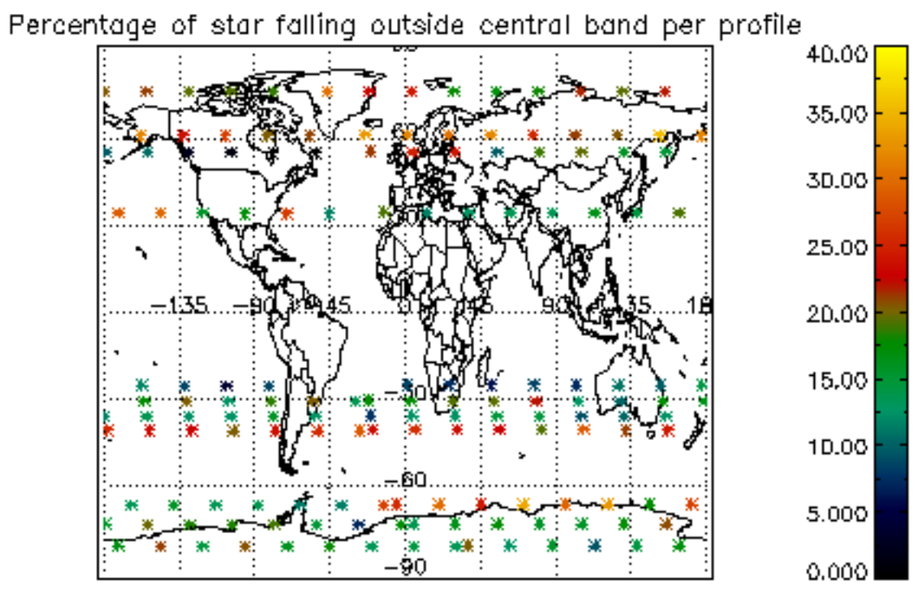


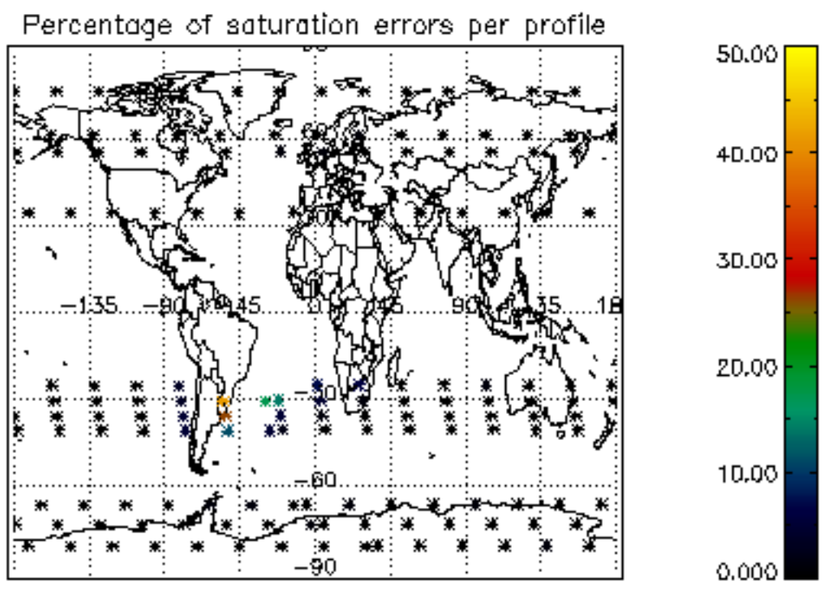

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
29/08/2007
04:00.00
29/08/2007
08:00.00
29/08/2007
12:00.00
29/08/2007
16:00.00
29/08/2007
20:00.00
29/08/2007
00:00.00
30/08/2007
Time

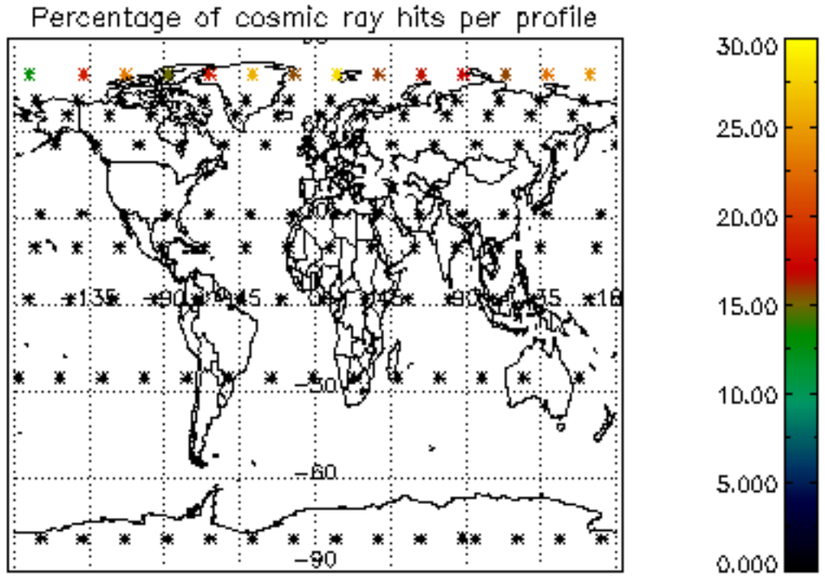

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
50
40
30
20
10
0
00:00.00 29/08/2007
04:00.00 29/08/2007
08:00.00 29/08/2007
12:00.00 29/08/2007
16:00.00 29/08/2007
20:00.00 29/08/2007
00:00.00 30/08/2007
Time

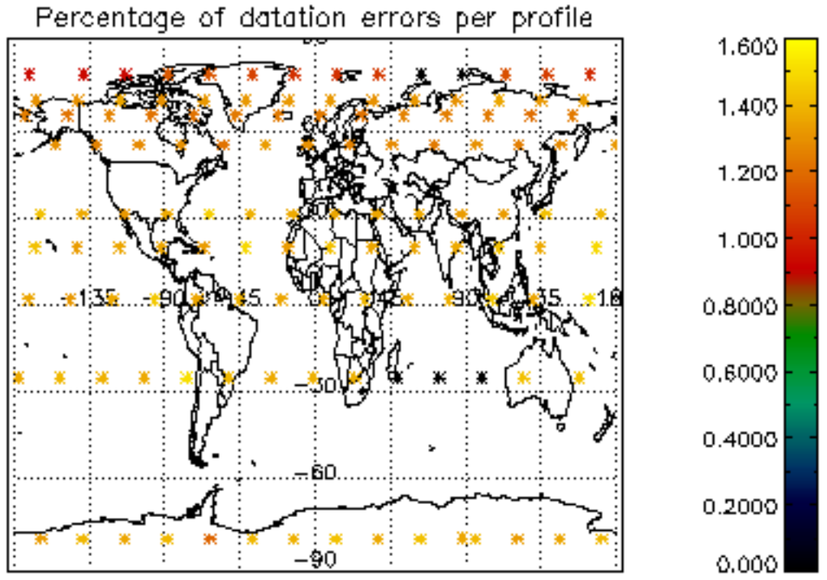

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−60
−90

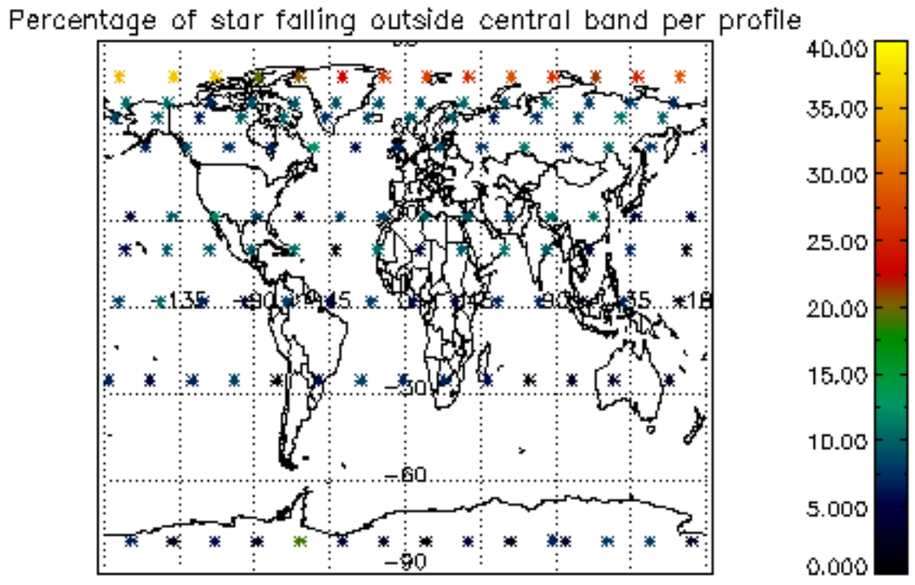

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−60
−90

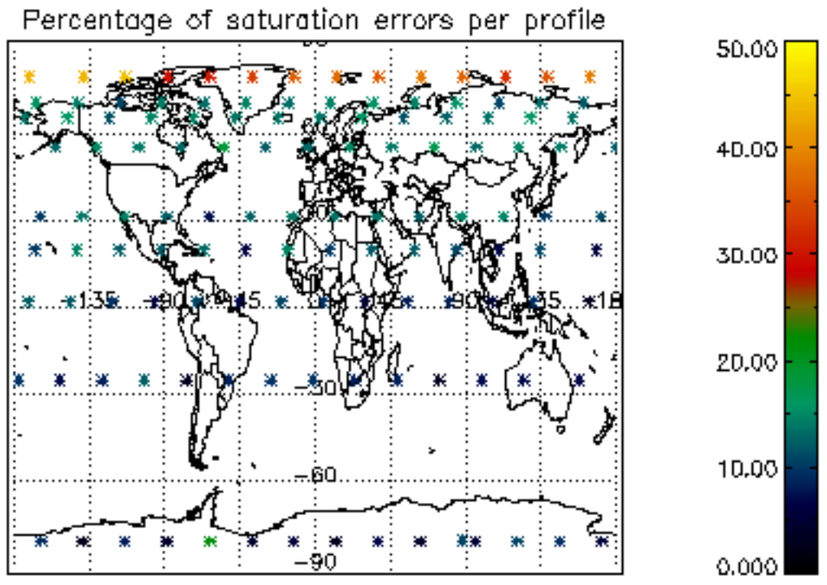

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−60
−90

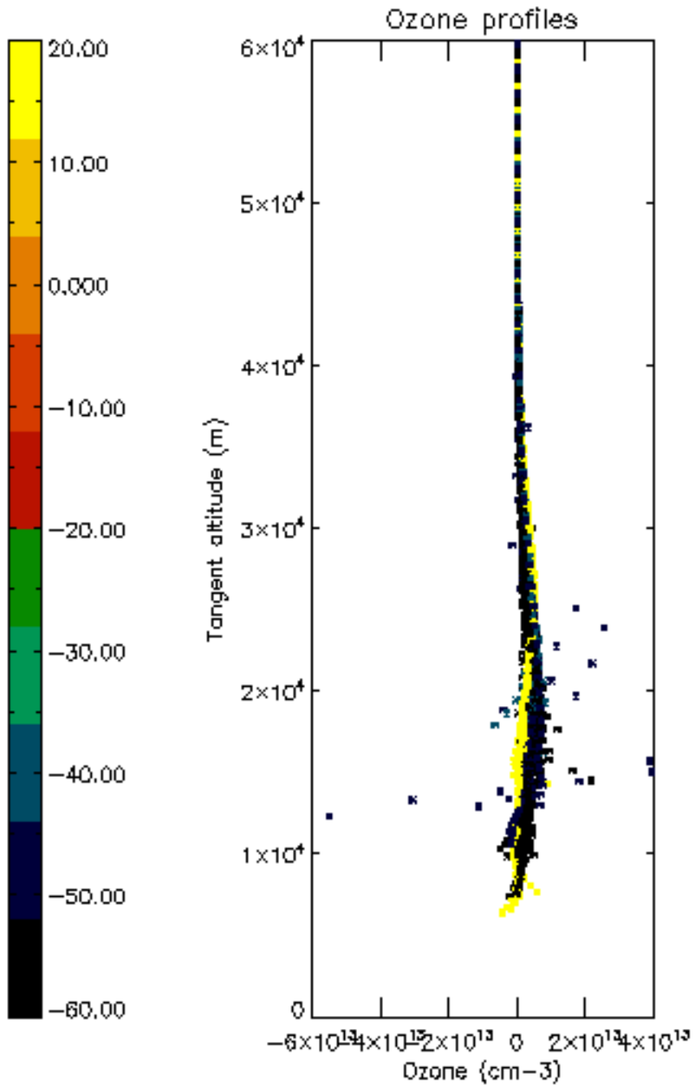

Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−60
−90


Percentage of cosmic ray hits per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-60
-90

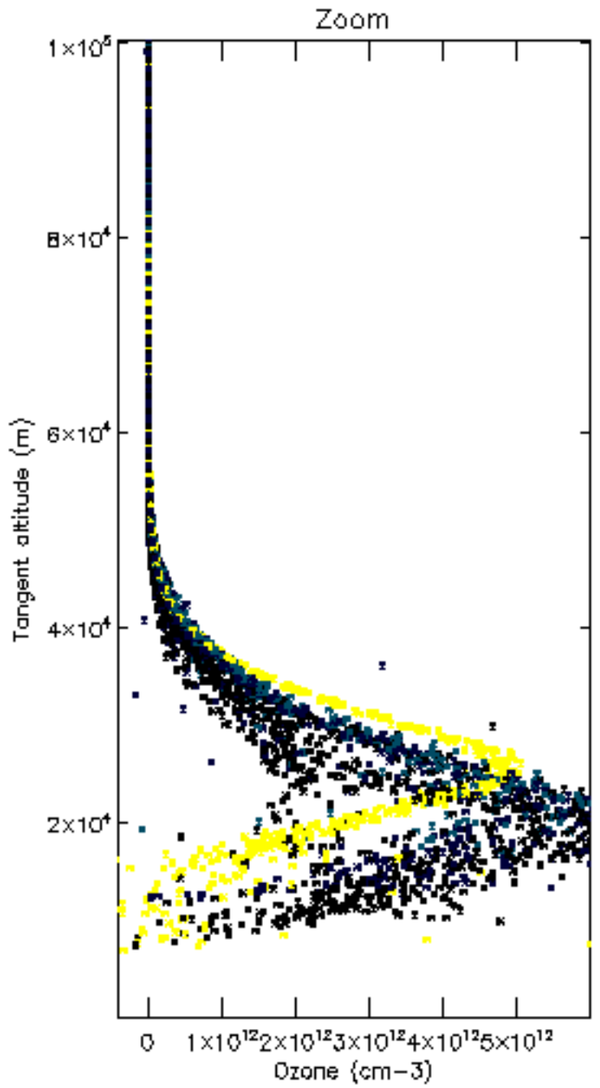

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-60
-90

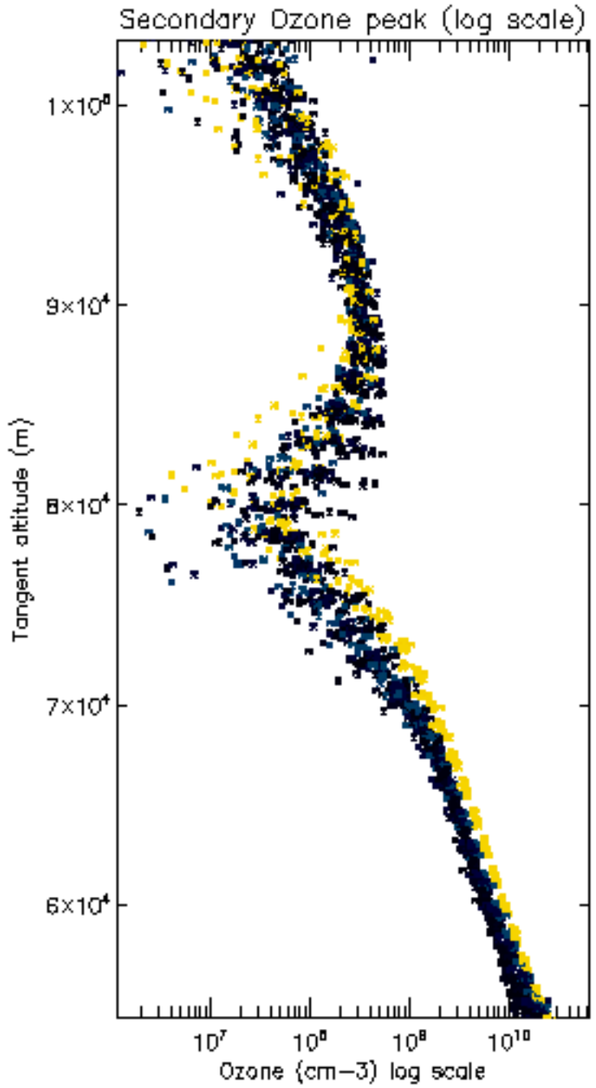

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-60
-90

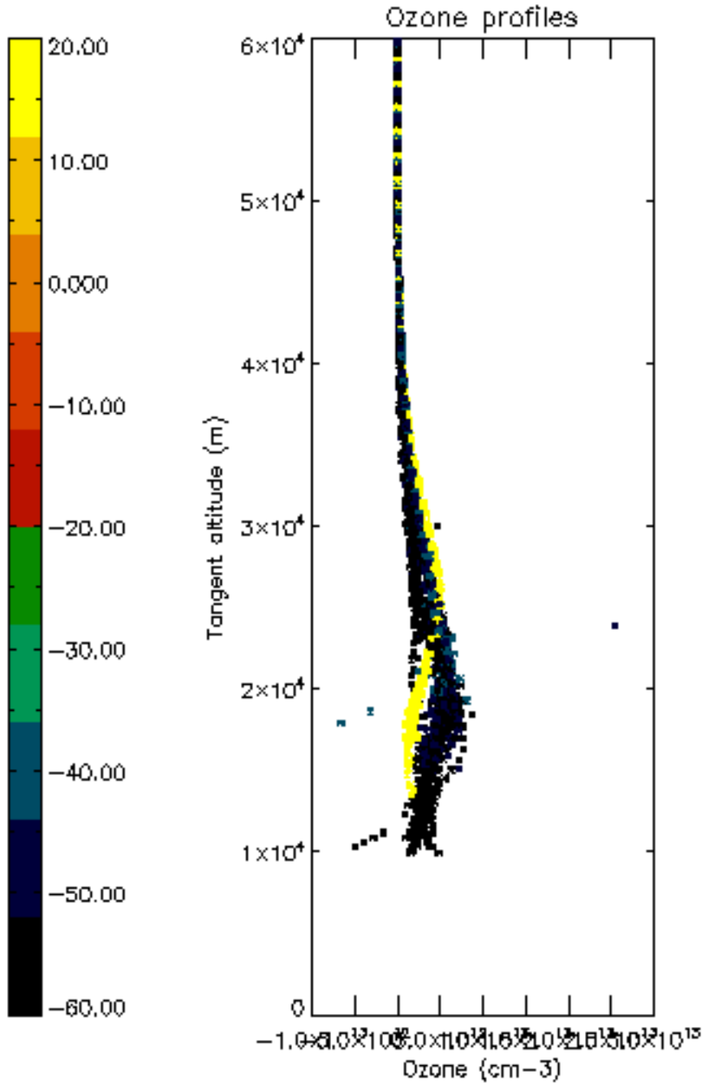

Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
-60
-90


20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00

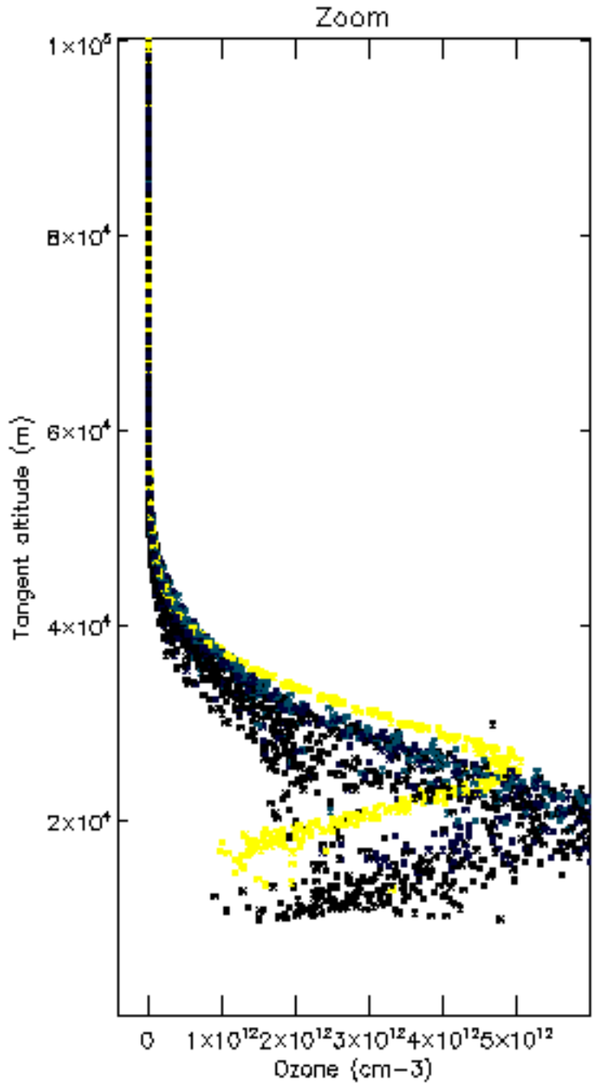
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−6×10¹³ −4×10¹³ −2×10¹³ 0 2×10¹³ 4×10¹³
Ozone (cm−3)

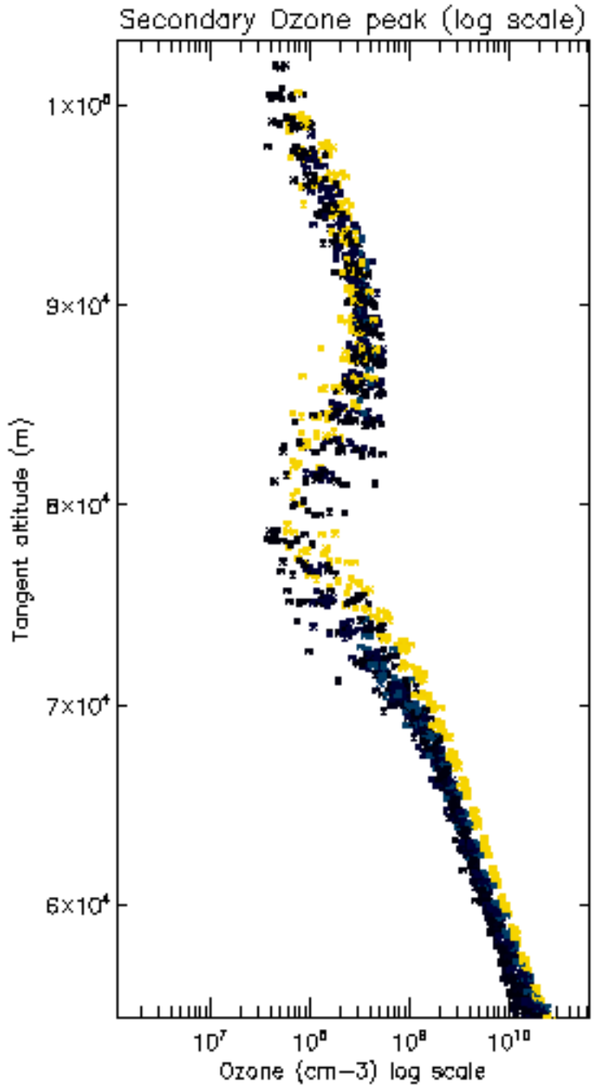

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

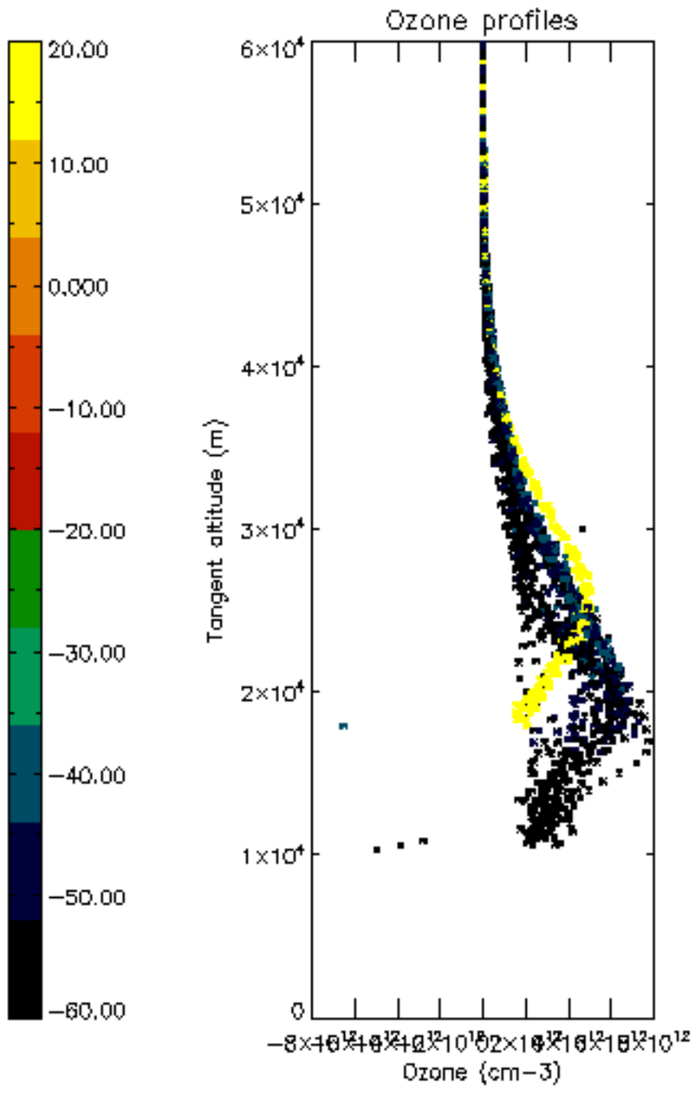

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale


20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00

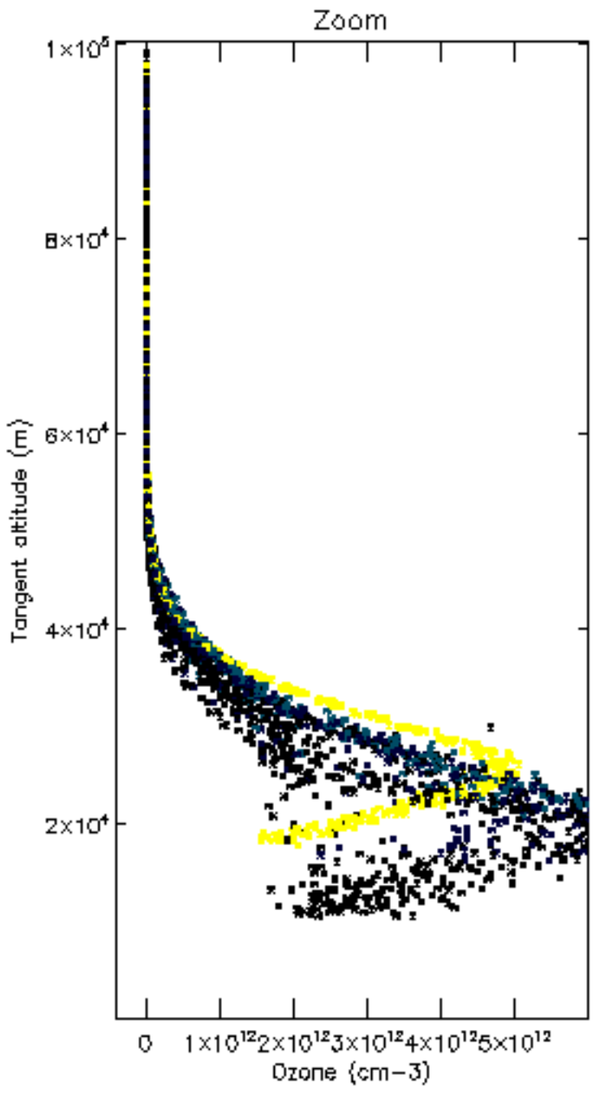
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

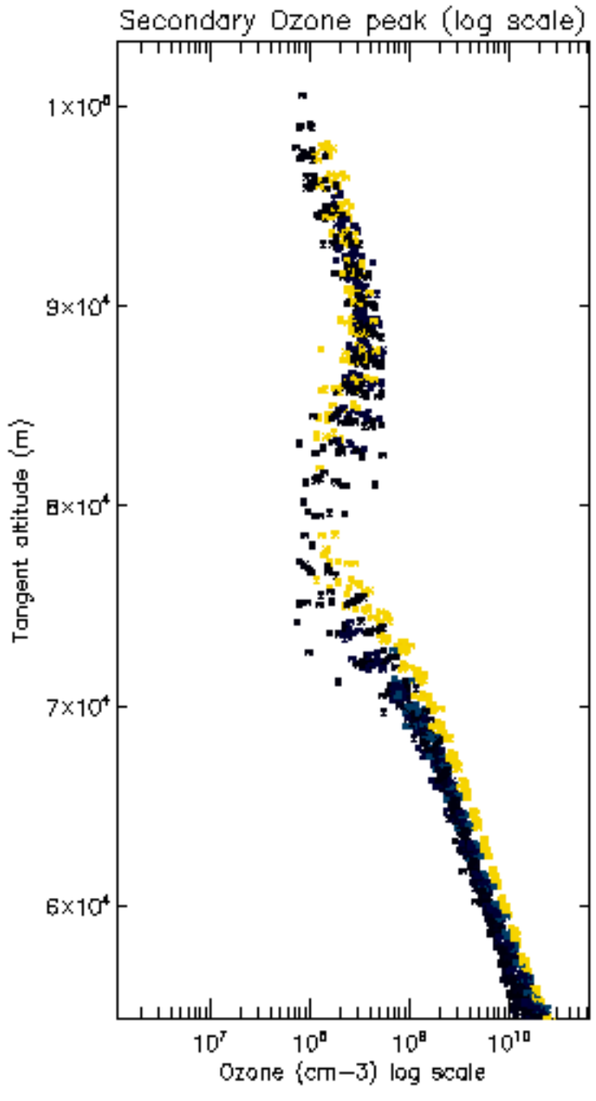

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)

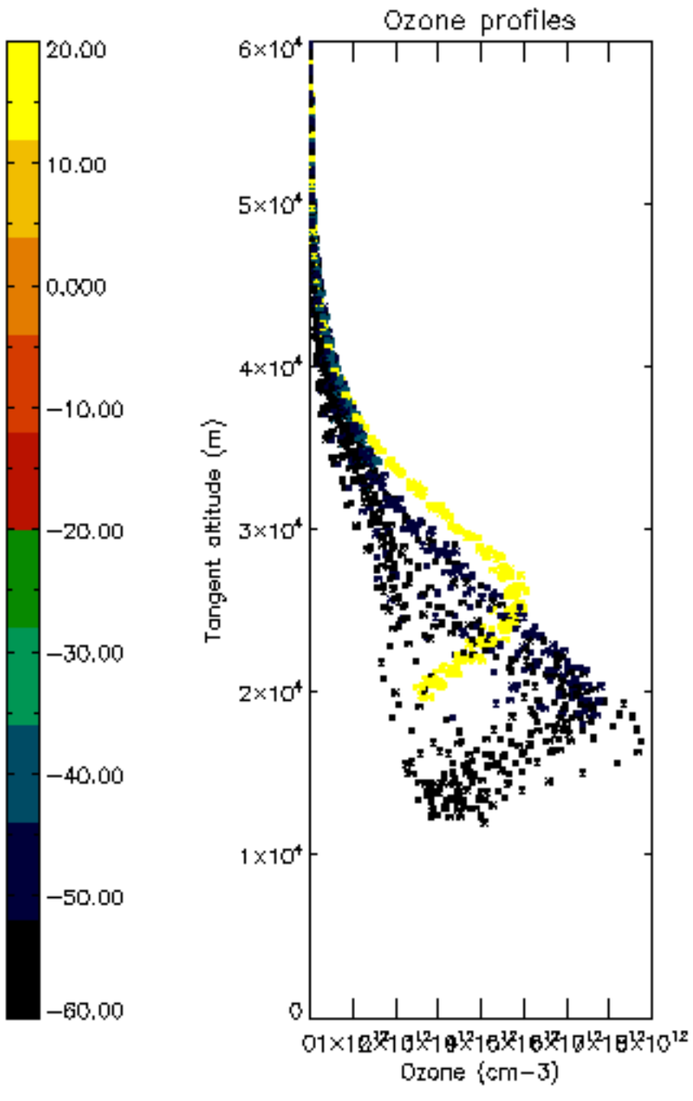

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00

Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

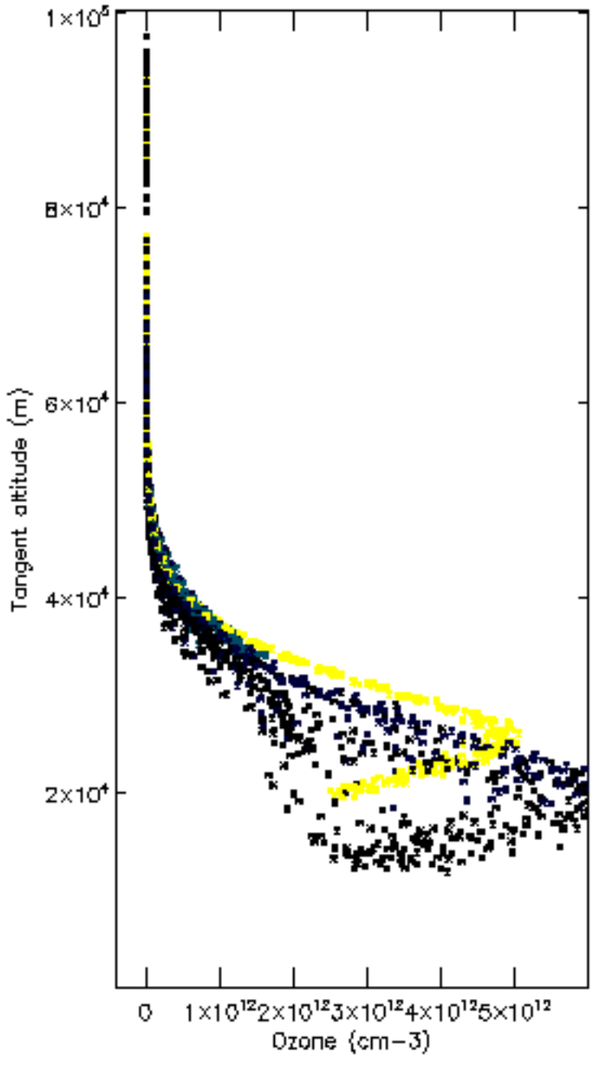

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

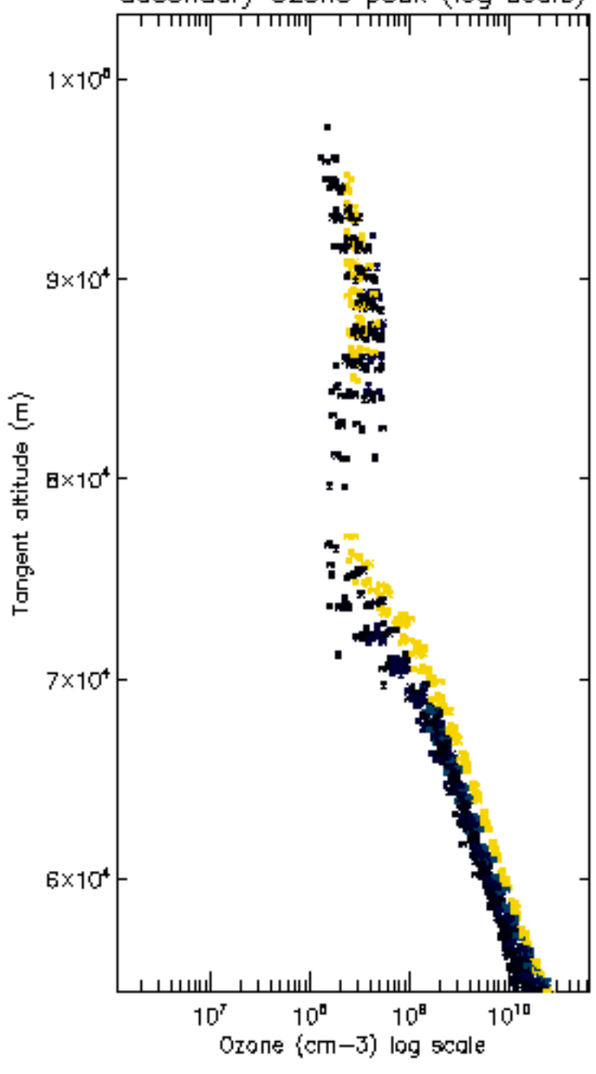


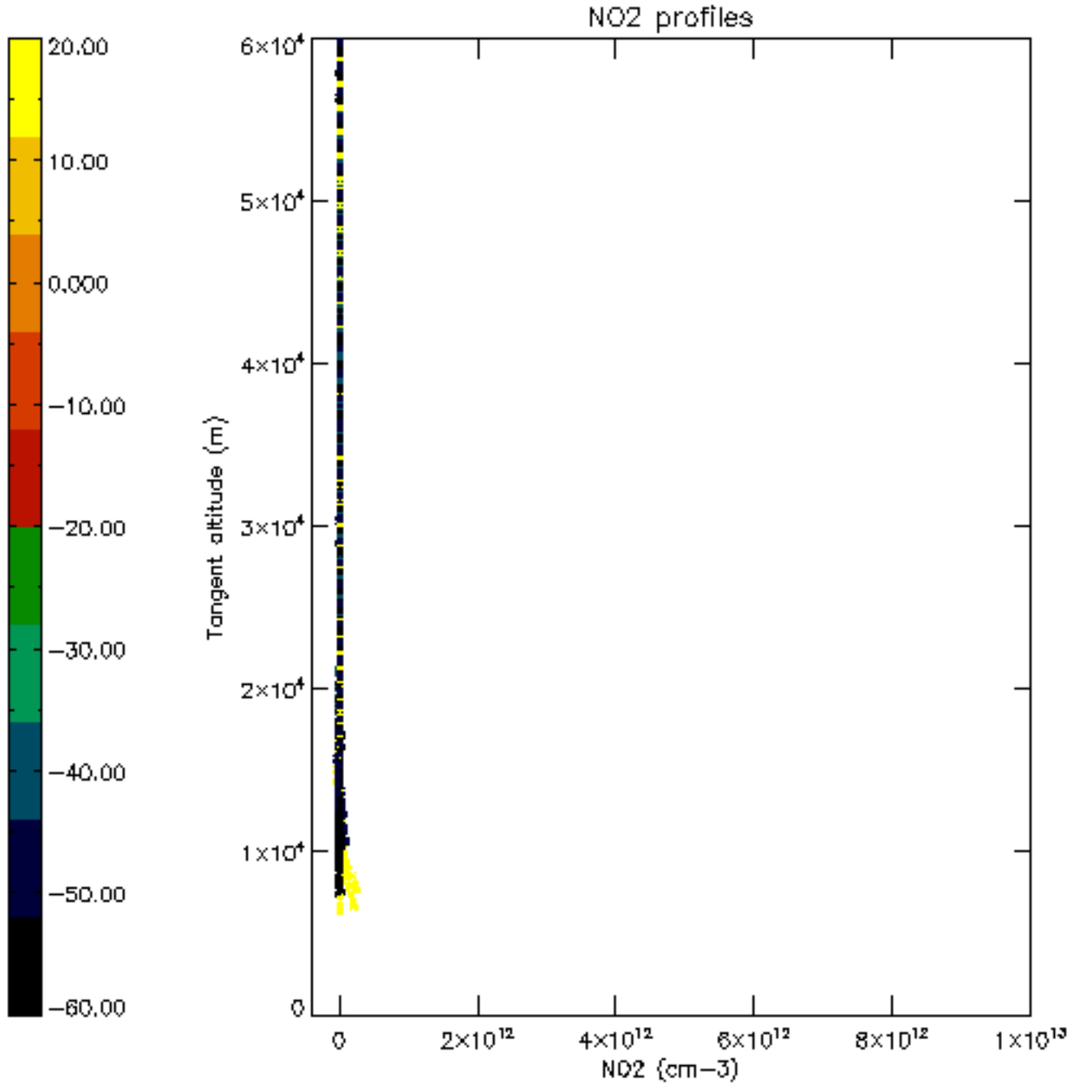
Ozone profiles

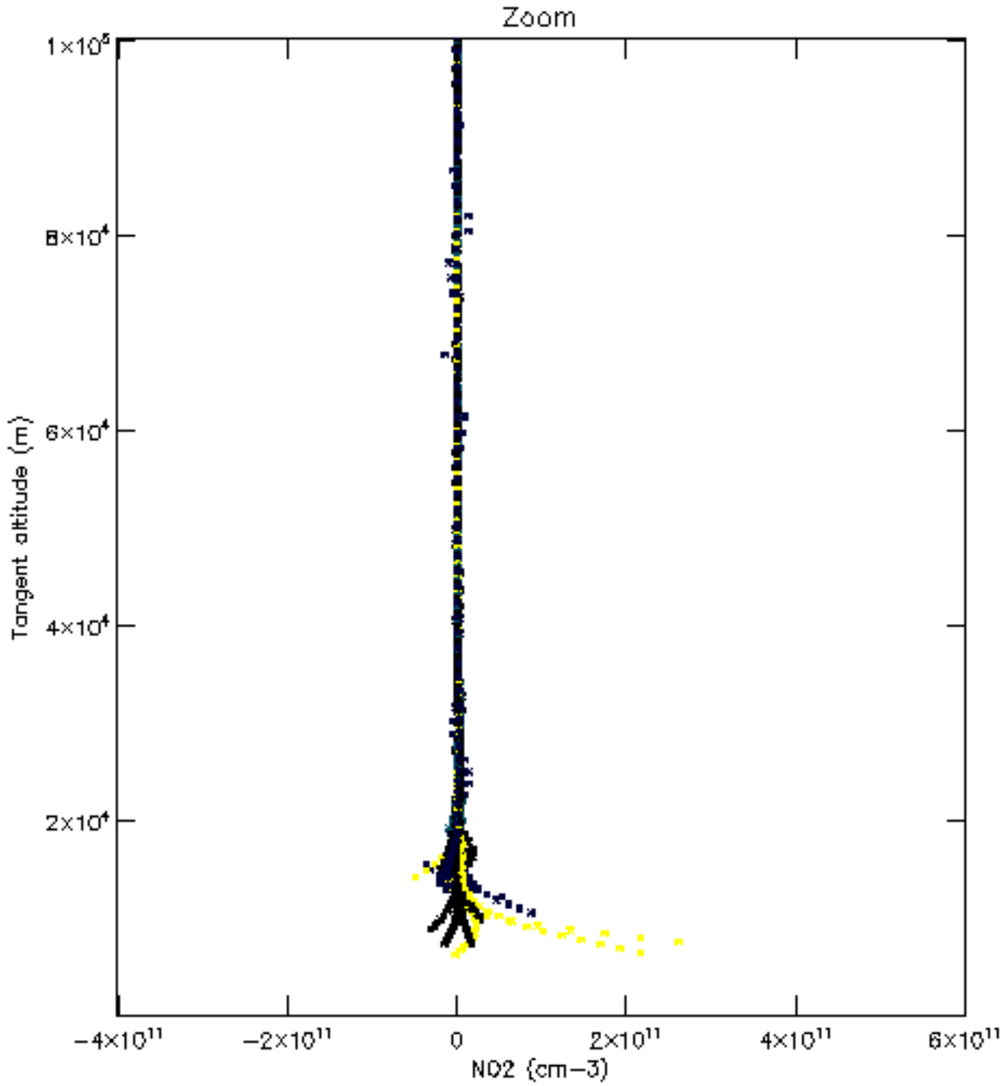
Zoom

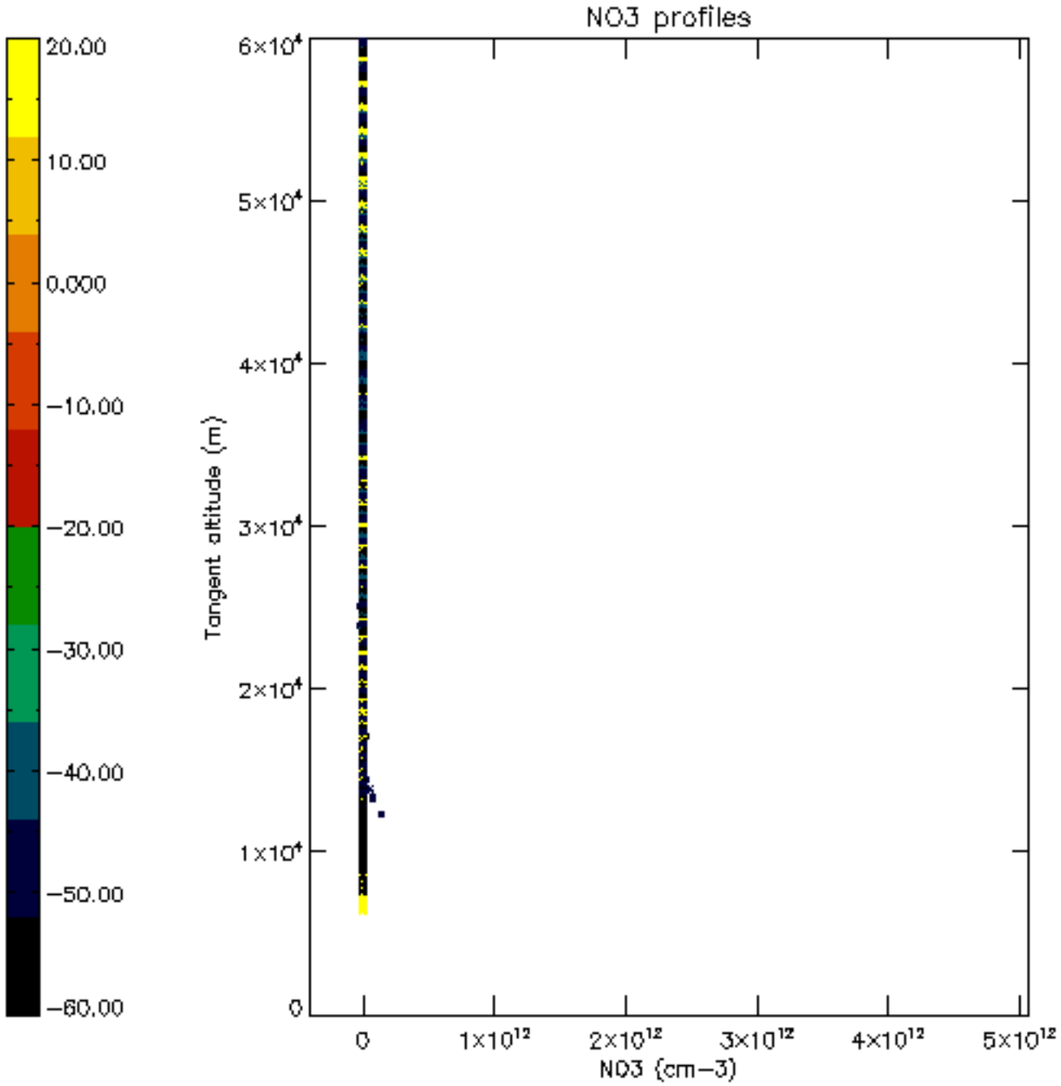


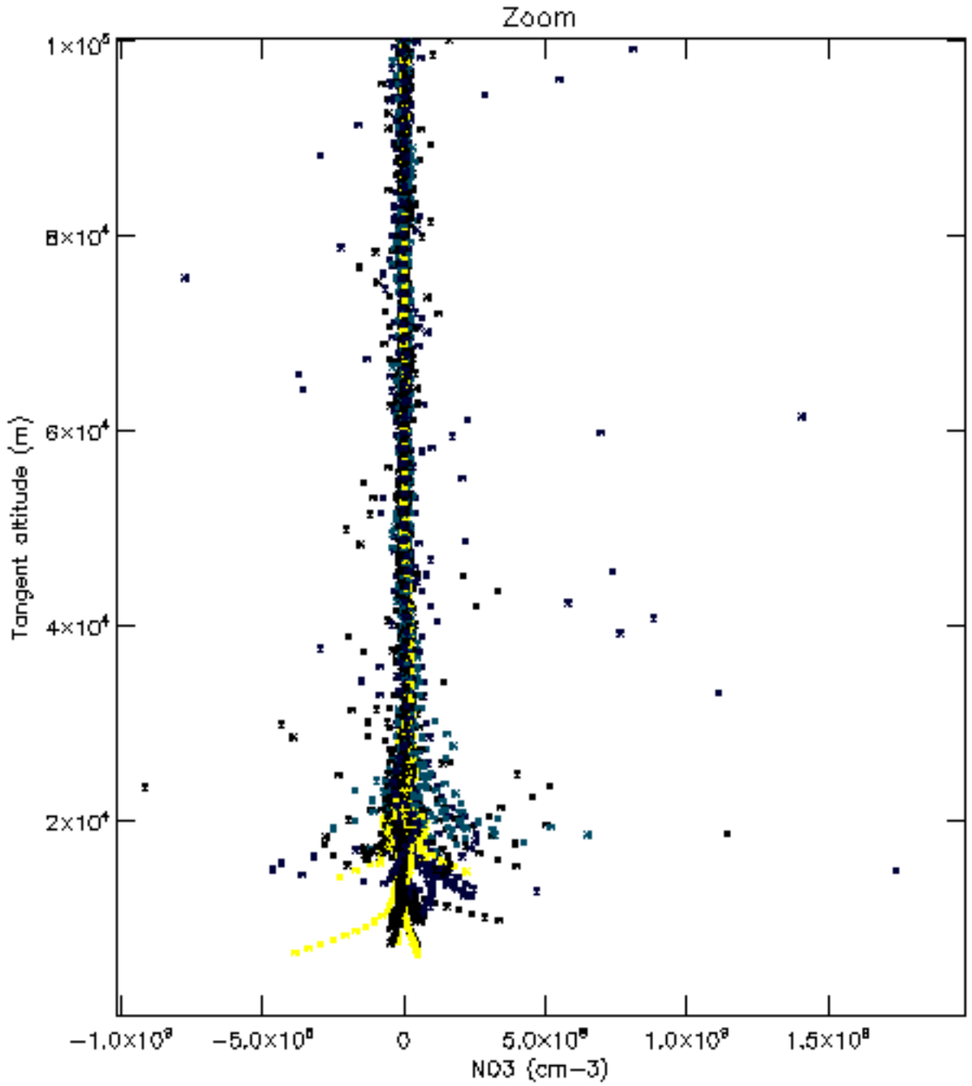
Secondary Ozone peak (log scale)

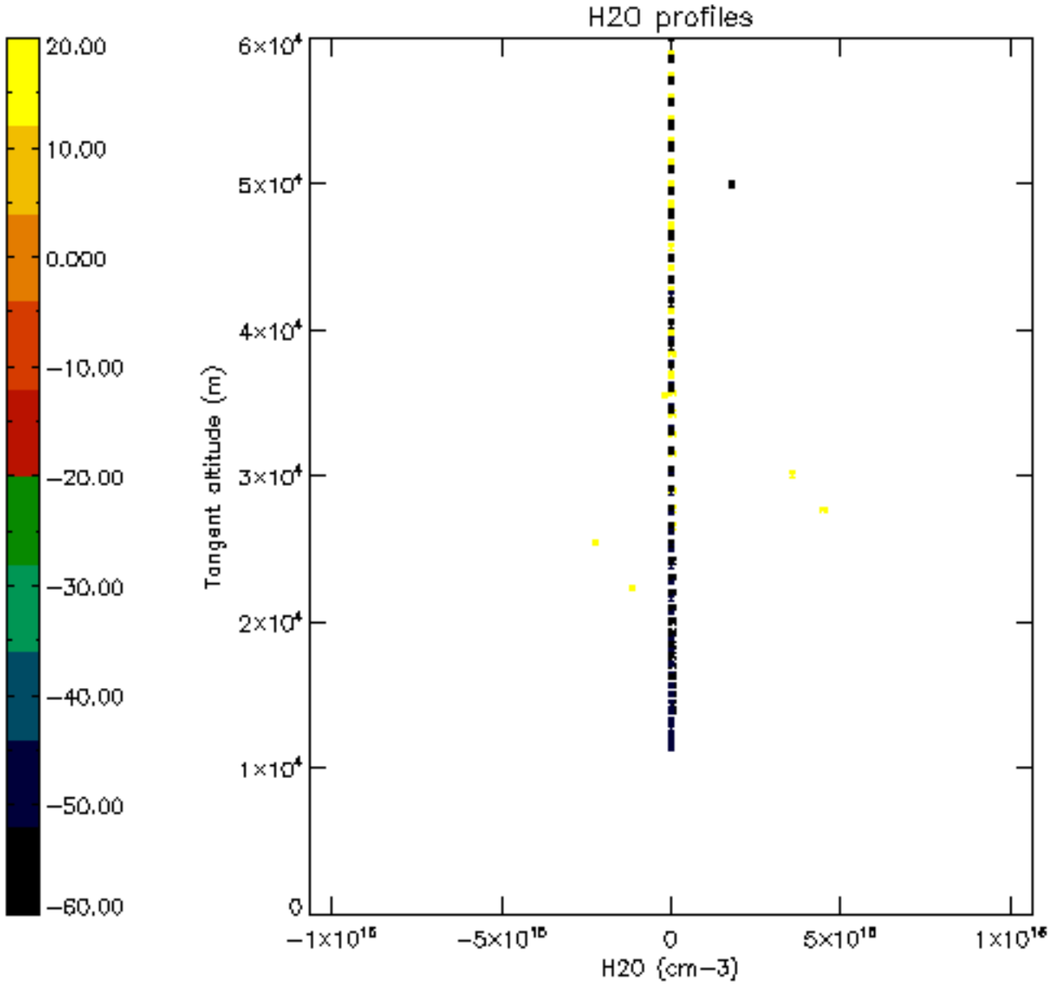


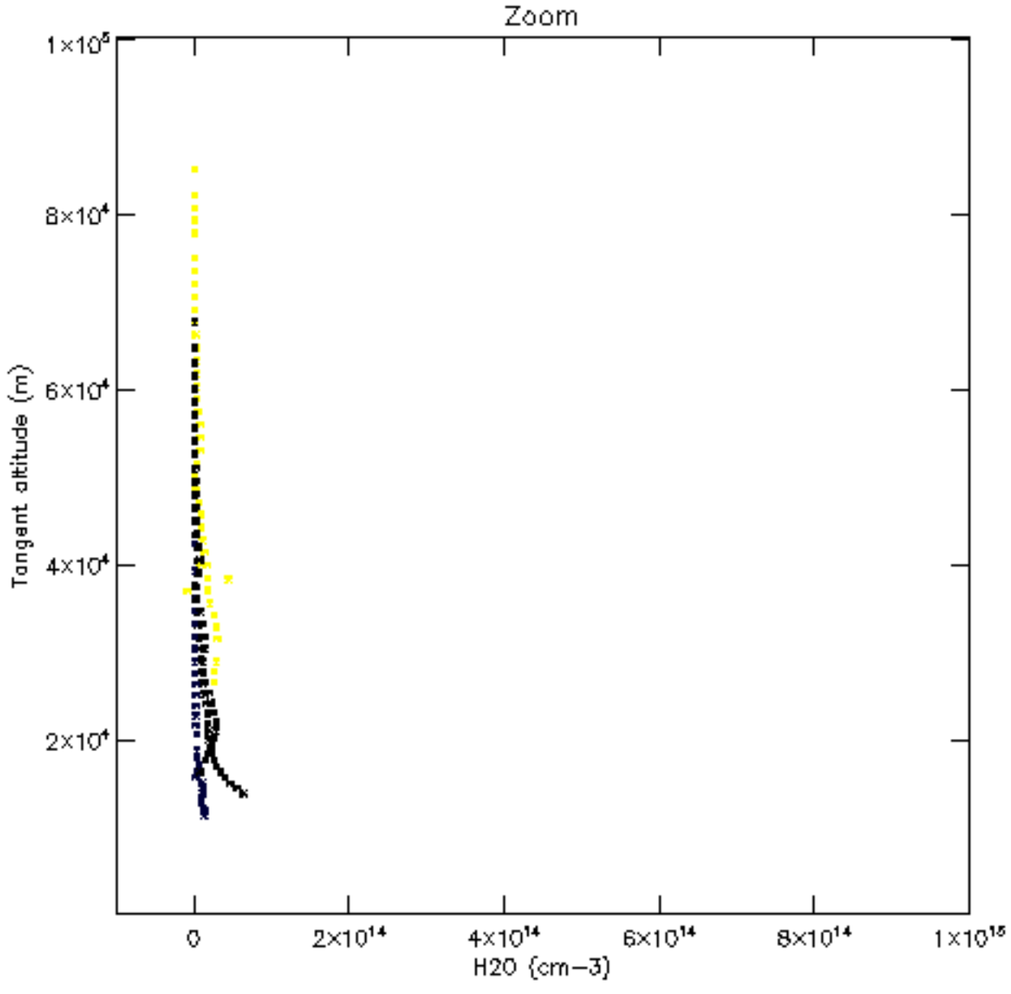

NO2 profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

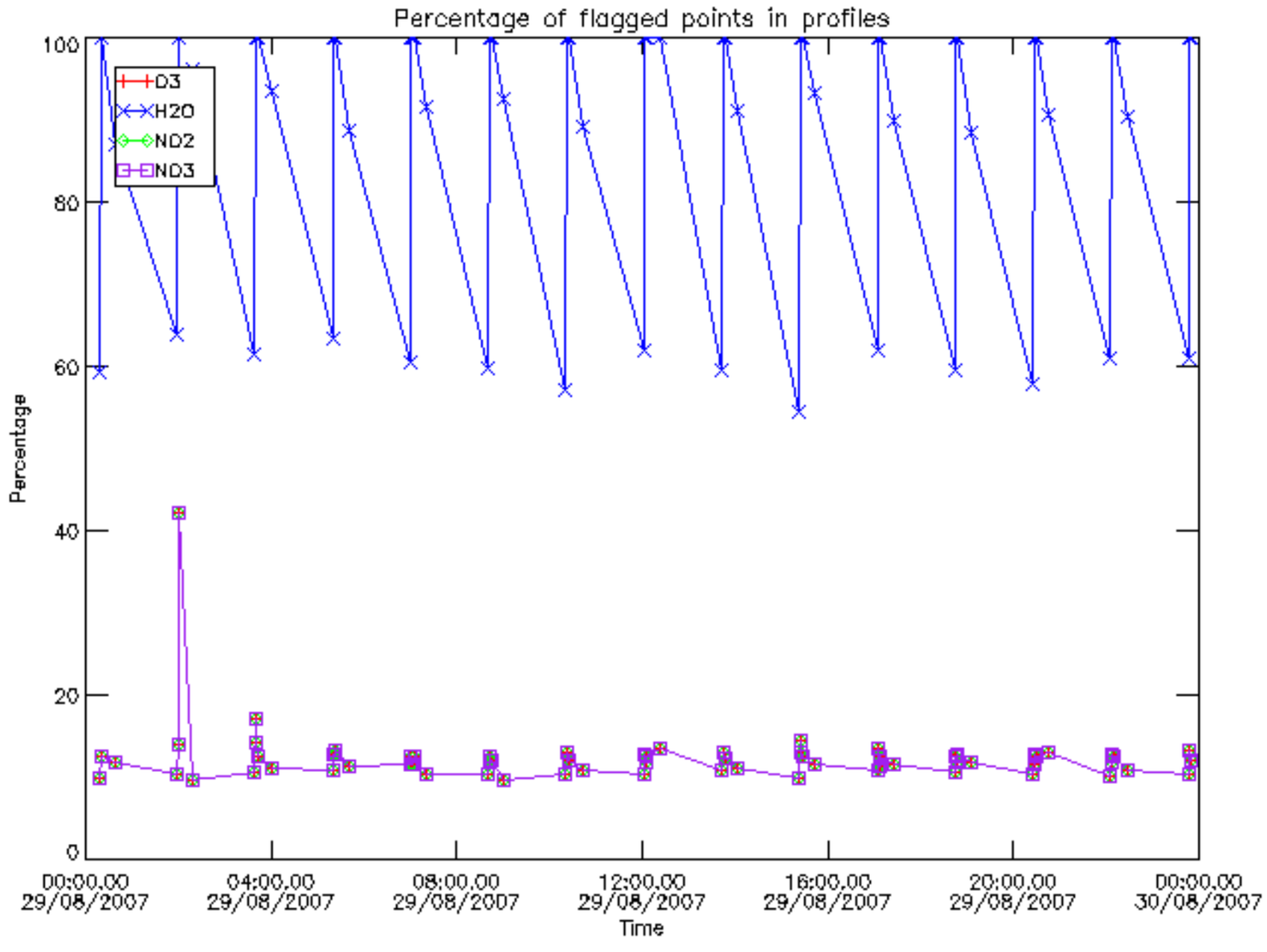

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

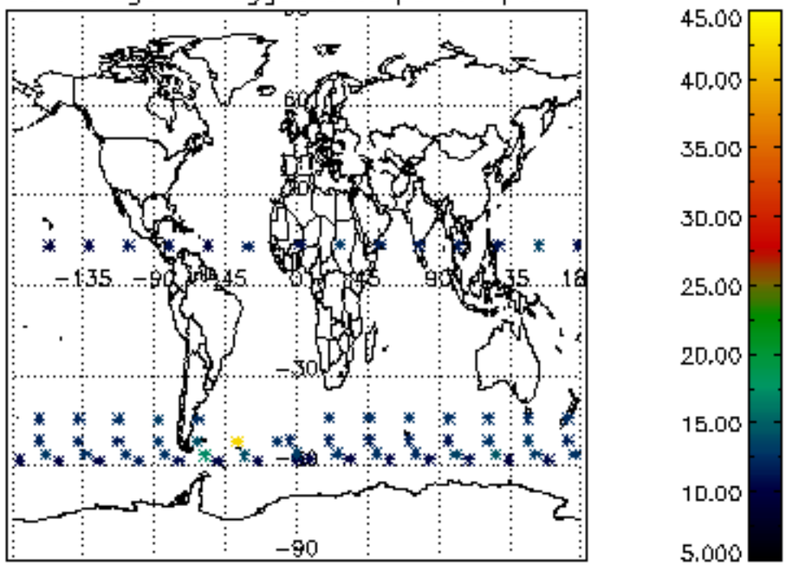

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)

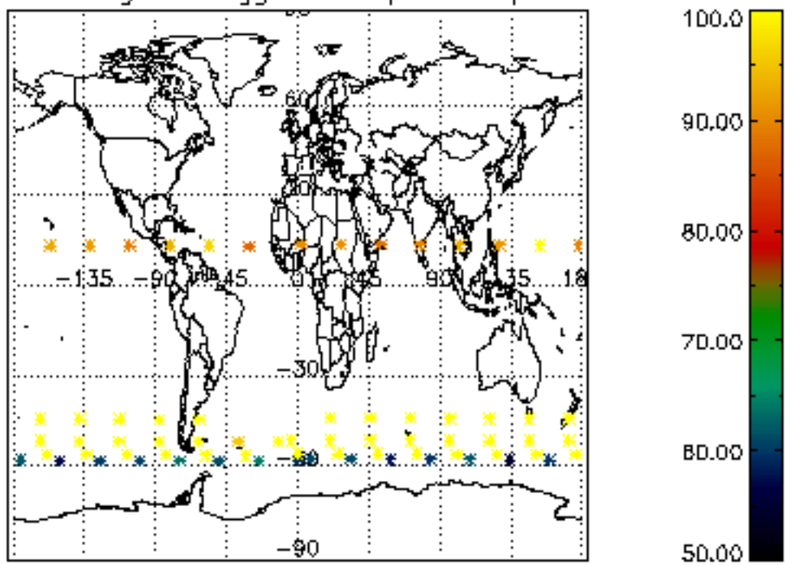

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
29/08/2007
04:00.00
29/08/2007
08:00.00
29/08/2007
12:00.00
29/08/2007
16:00.00
29/08/2007
20:00.00
29/08/2007
00:00.00
30/08/2007
Time

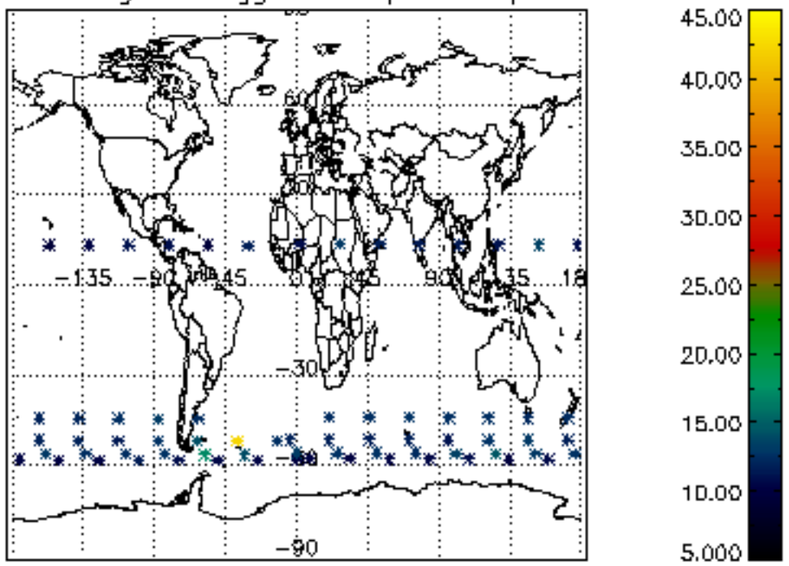
Percentage of flagged data per O3 profile



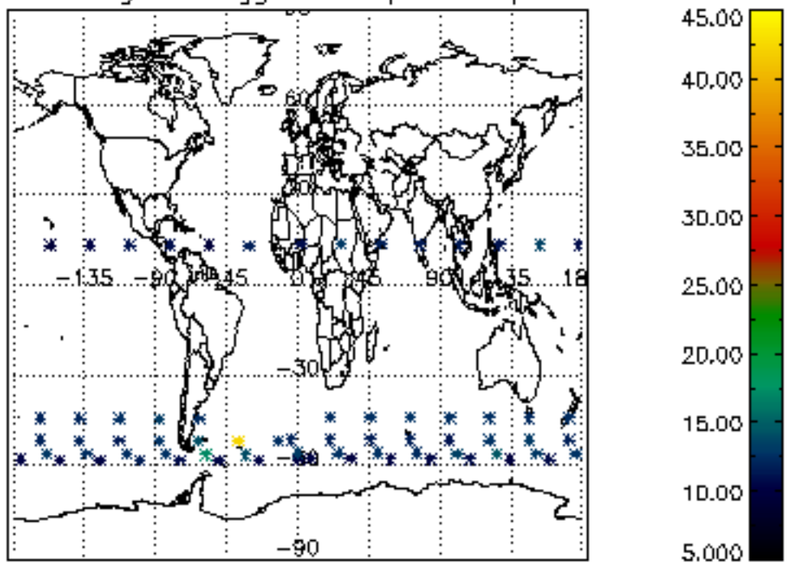
Percentage of flagged data per H2O profile

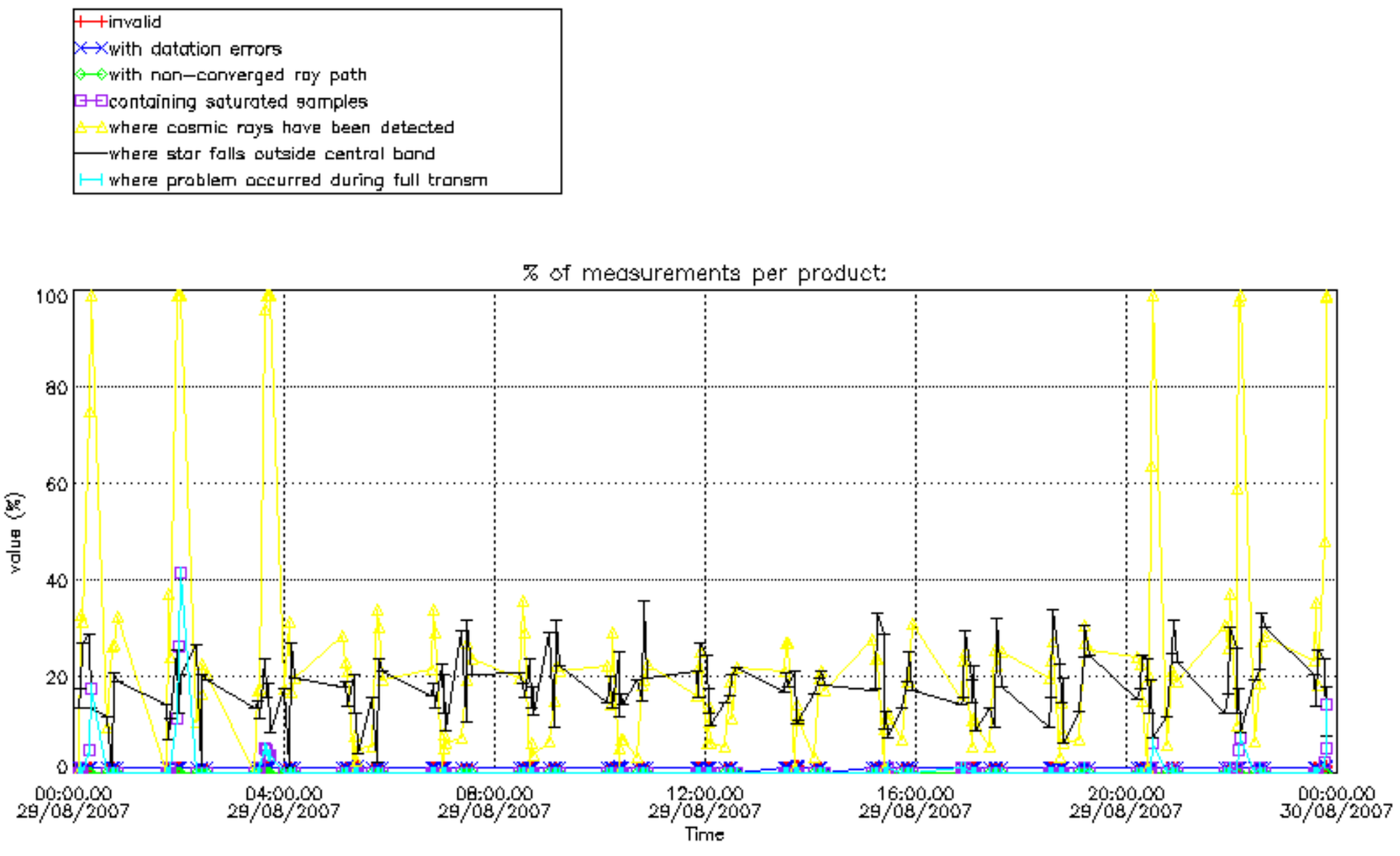


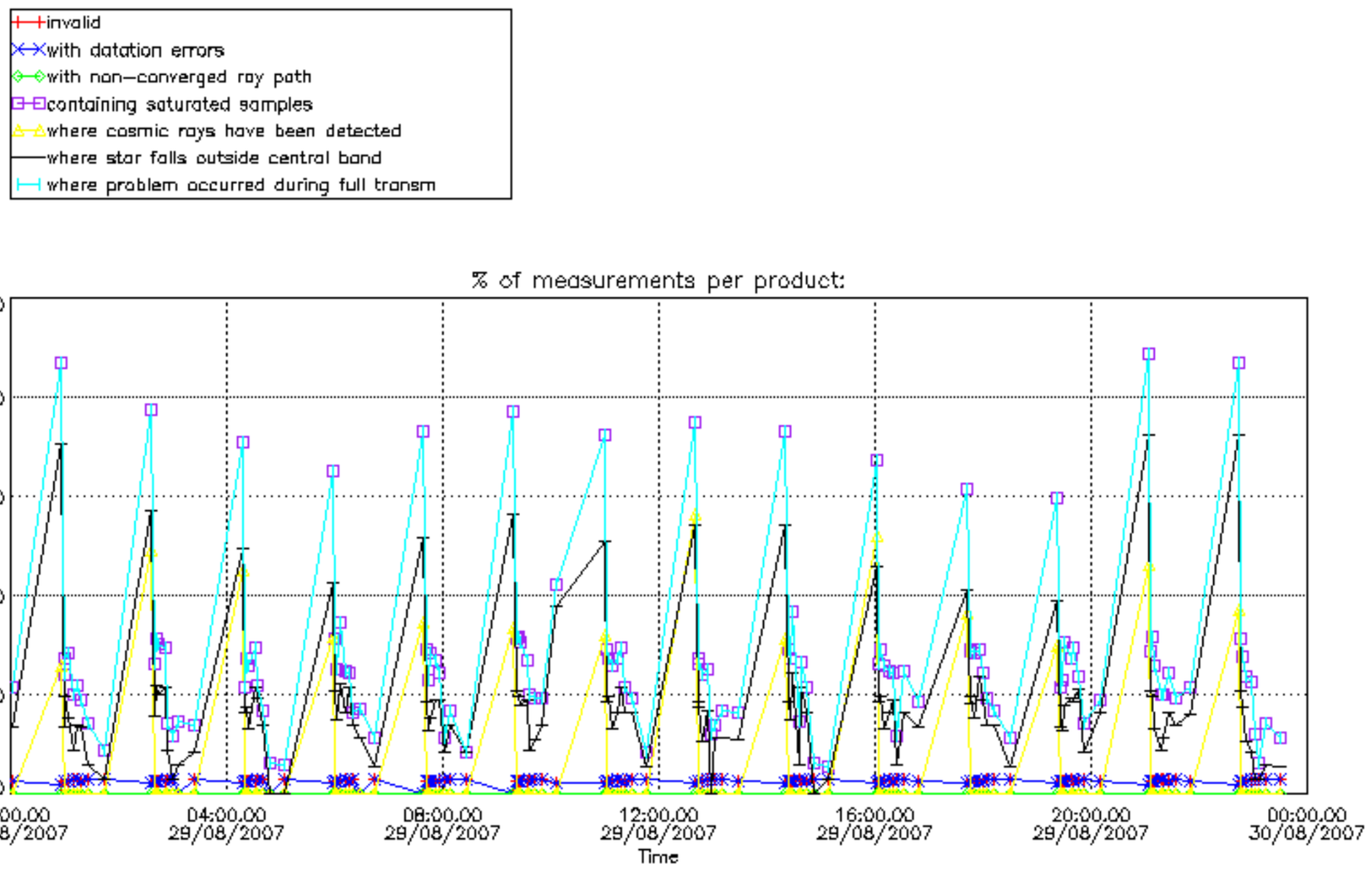
Percentage of flagged data per NO2 profile

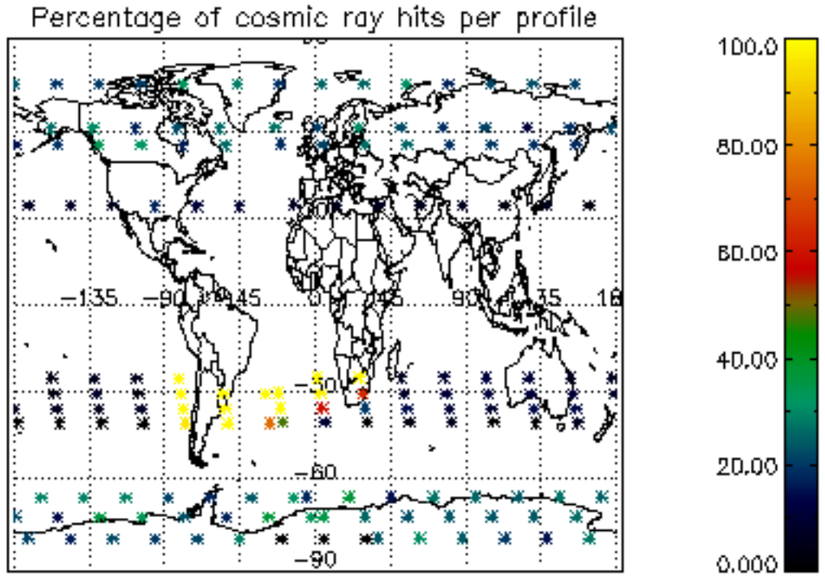


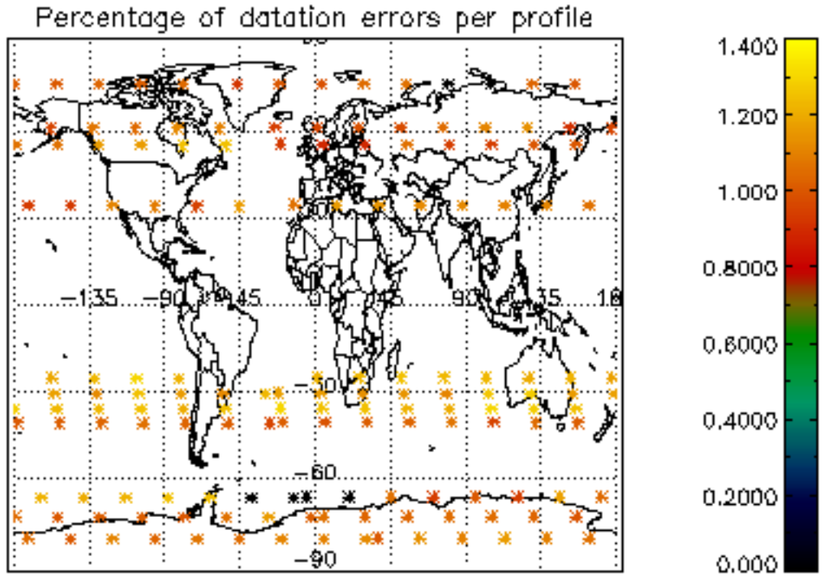
Percentage of flagged data per NO3 profile

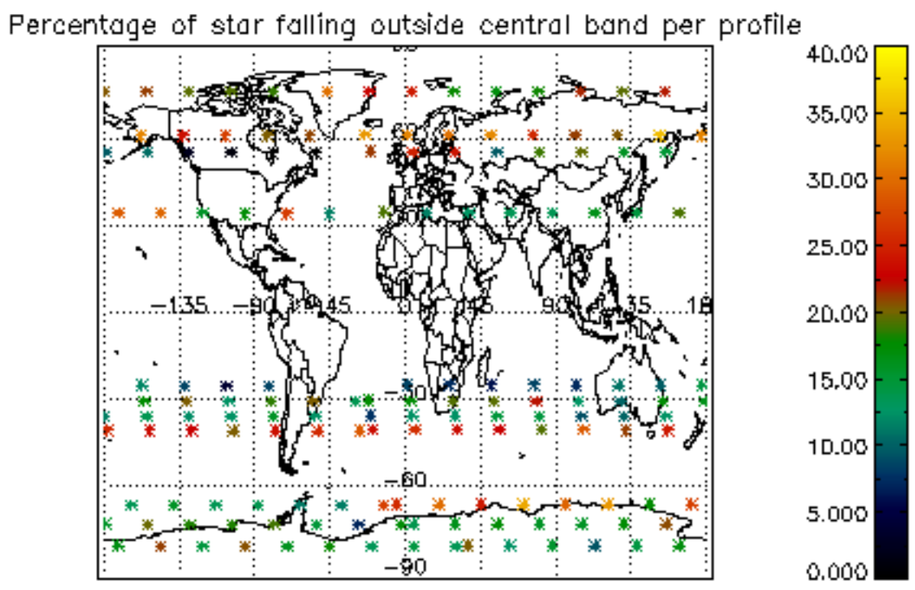


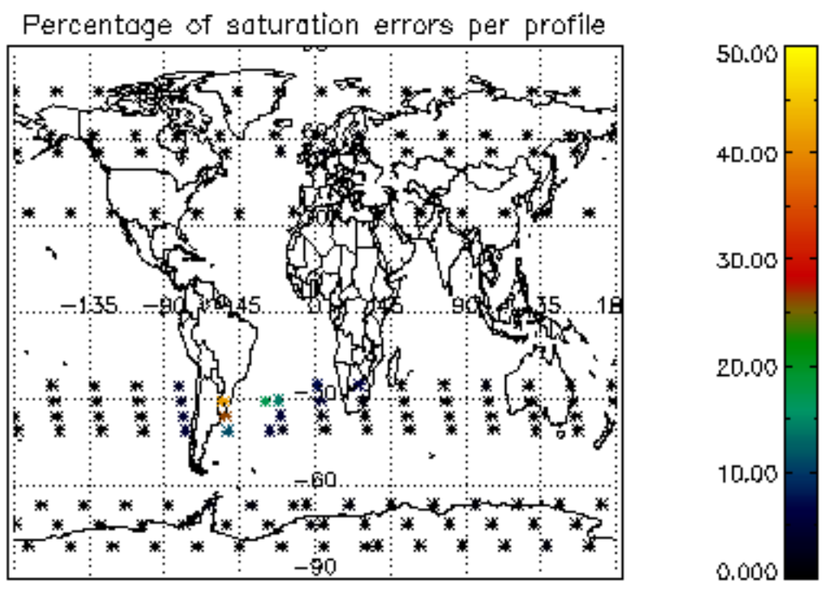

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
29/08/2007
04:00.00
29/08/2007
08:00.00
29/08/2007
12:00.00
29/08/2007
16:00.00
29/08/2007
20:00.00
29/08/2007
00:00.00
30/08/2007
Time

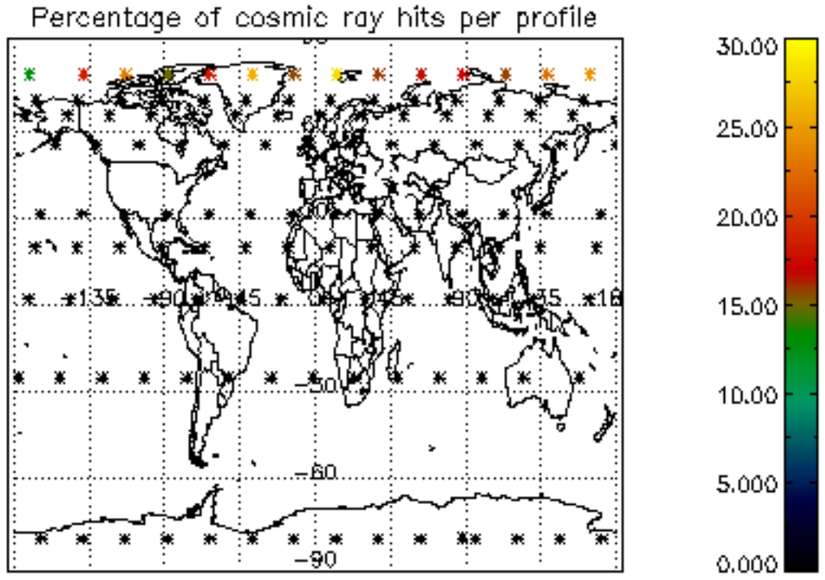

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
50
40
30
20
10
0
00:00.00 29/08/2007
04:00.00 29/08/2007
08:00.00 29/08/2007
12:00.00 29/08/2007
16:00.00 29/08/2007
20:00.00 29/08/2007
00:00.00 30/08/2007
Time

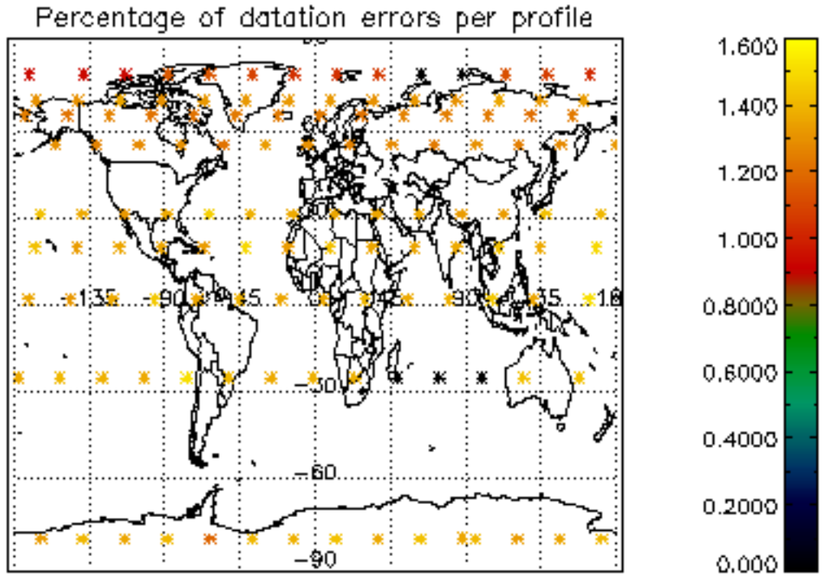

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−60
−90

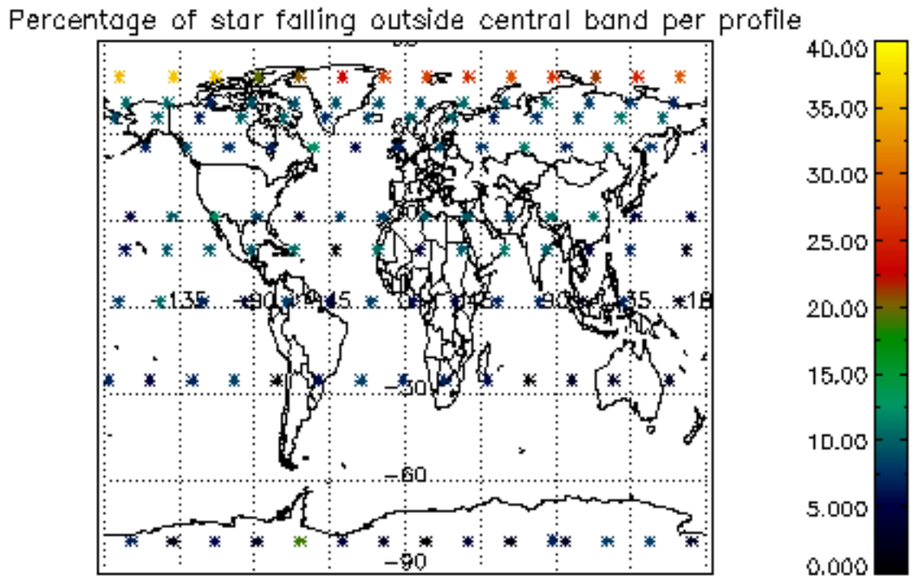

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−60
−90

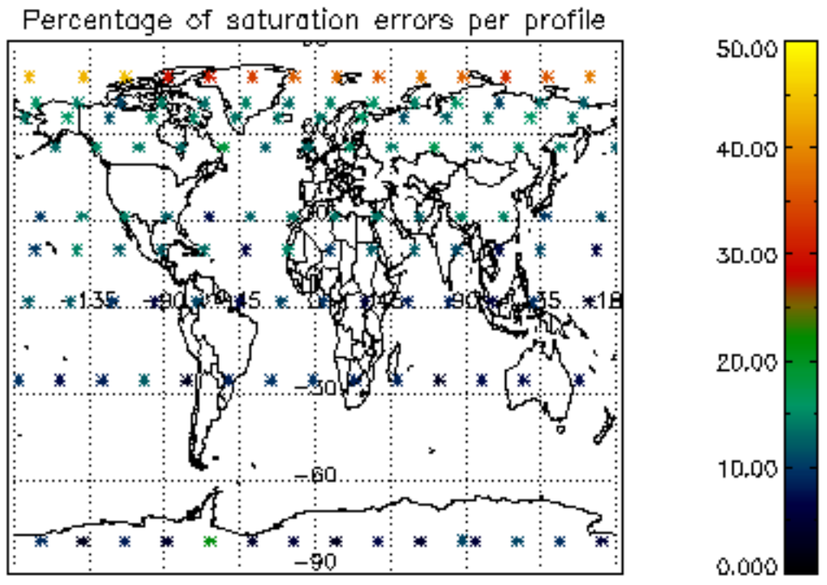

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−60
−90

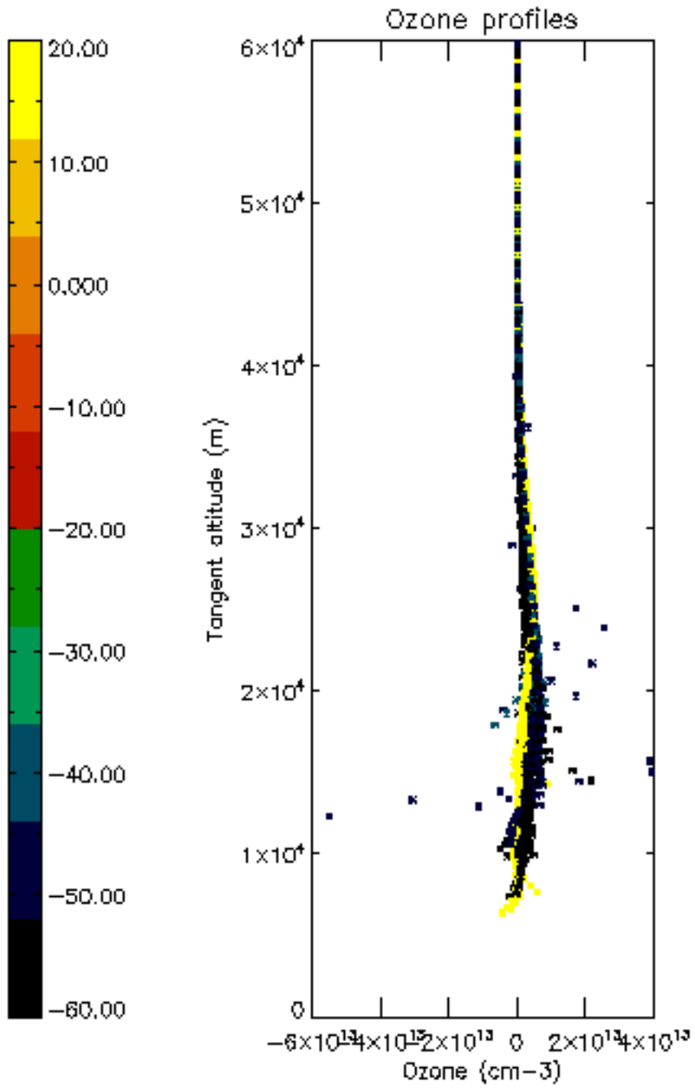

Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−60
−90


Percentage of cosmic ray hits per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-60
-90

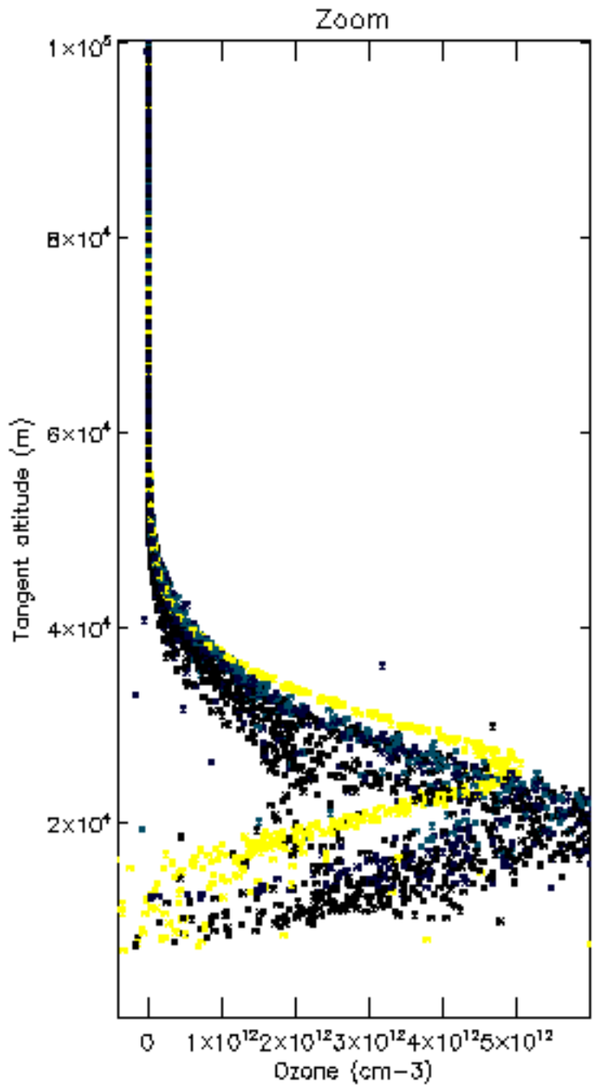

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-60
-90

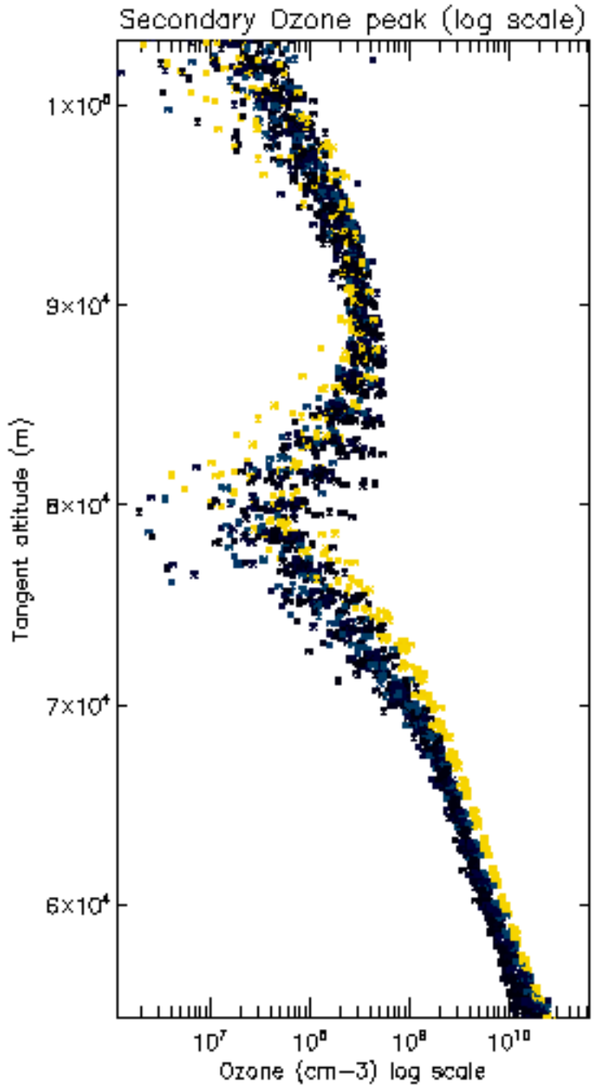

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-60
-90

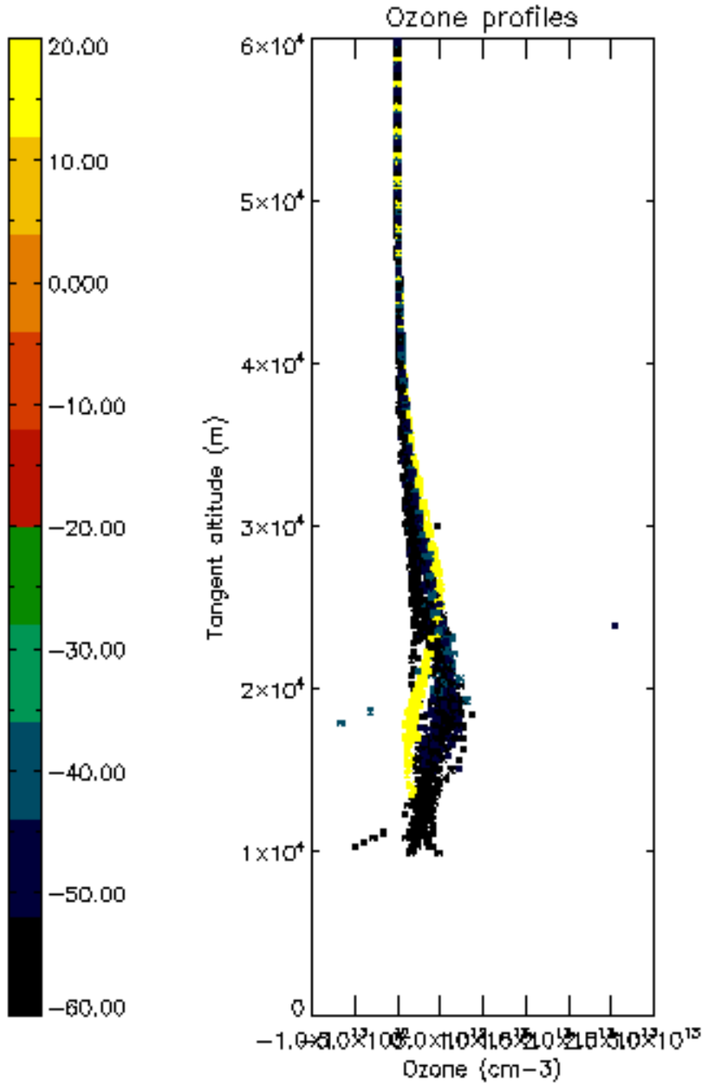

Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
-60
-90


20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00

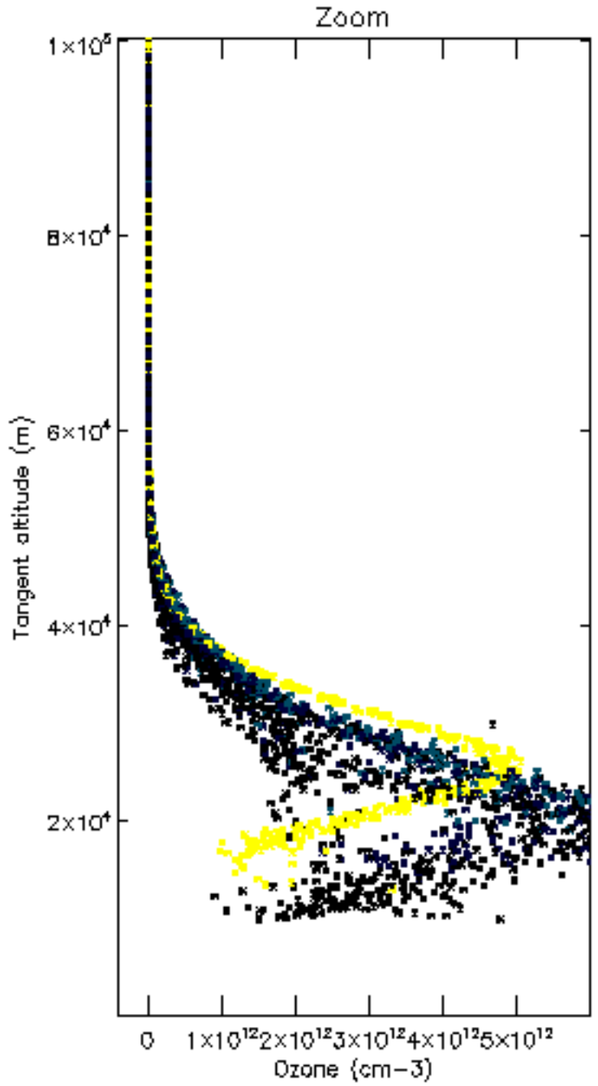
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−6×10¹³ −4×10¹³ −2×10¹³ 0 2×10¹³ 4×10¹³
Ozone (cm−3)

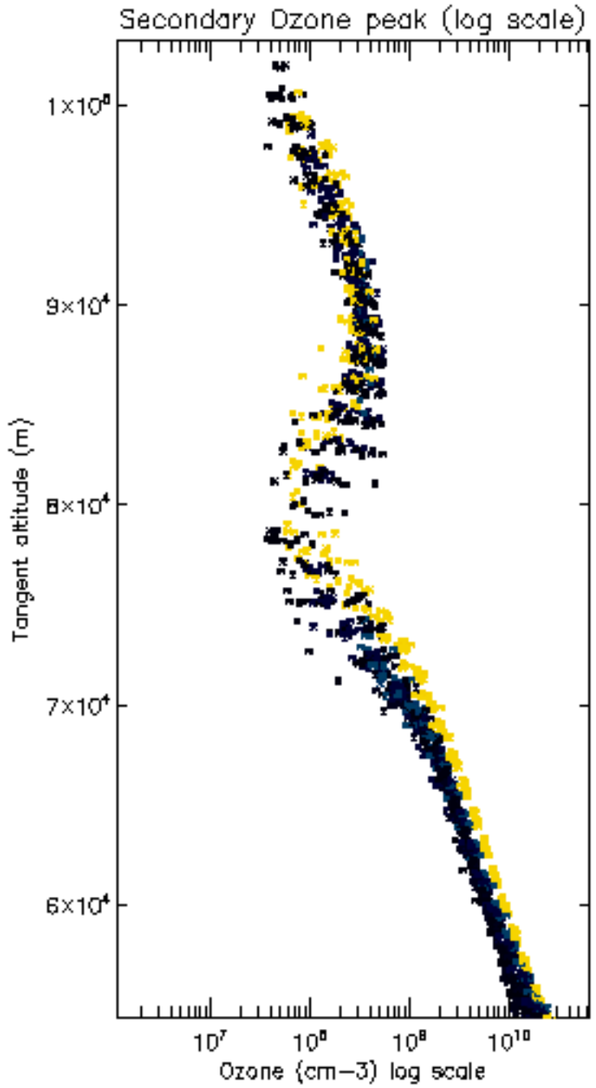

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

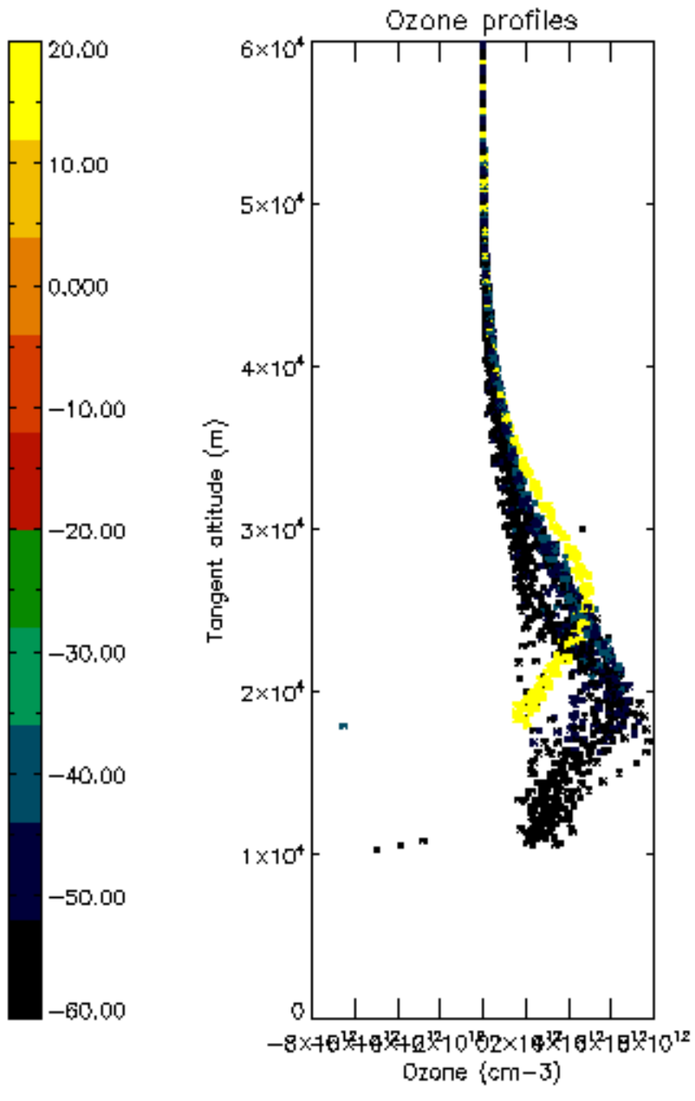

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale


20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00

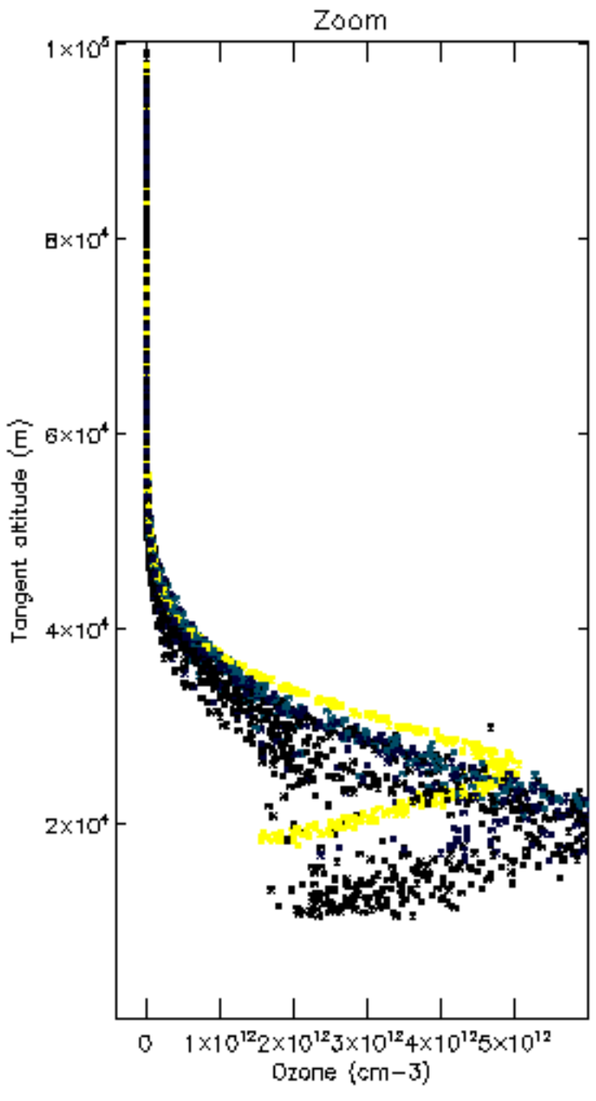
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

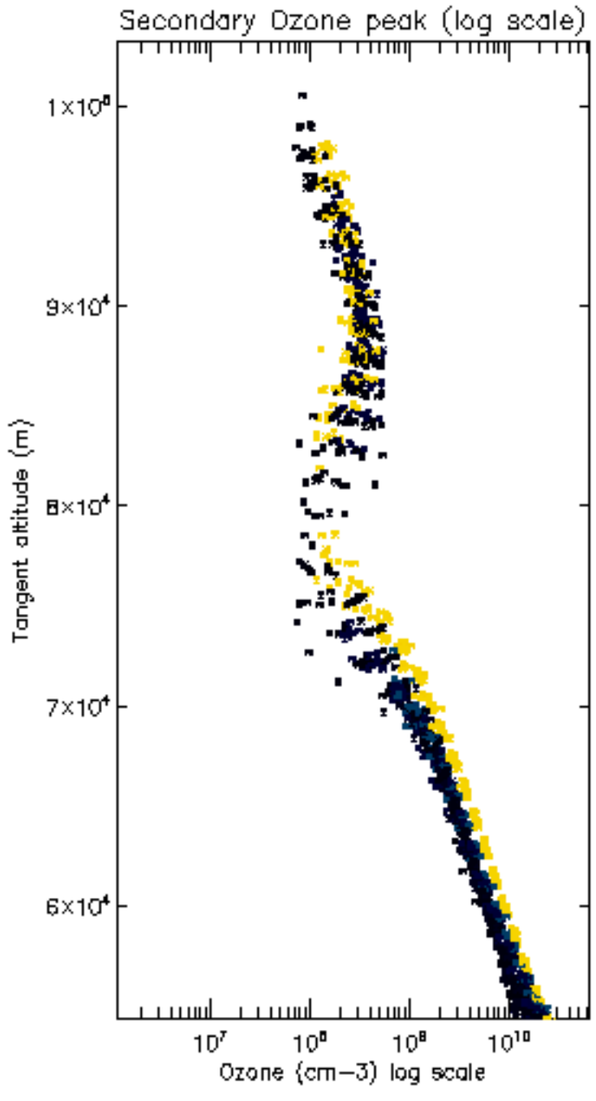

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)

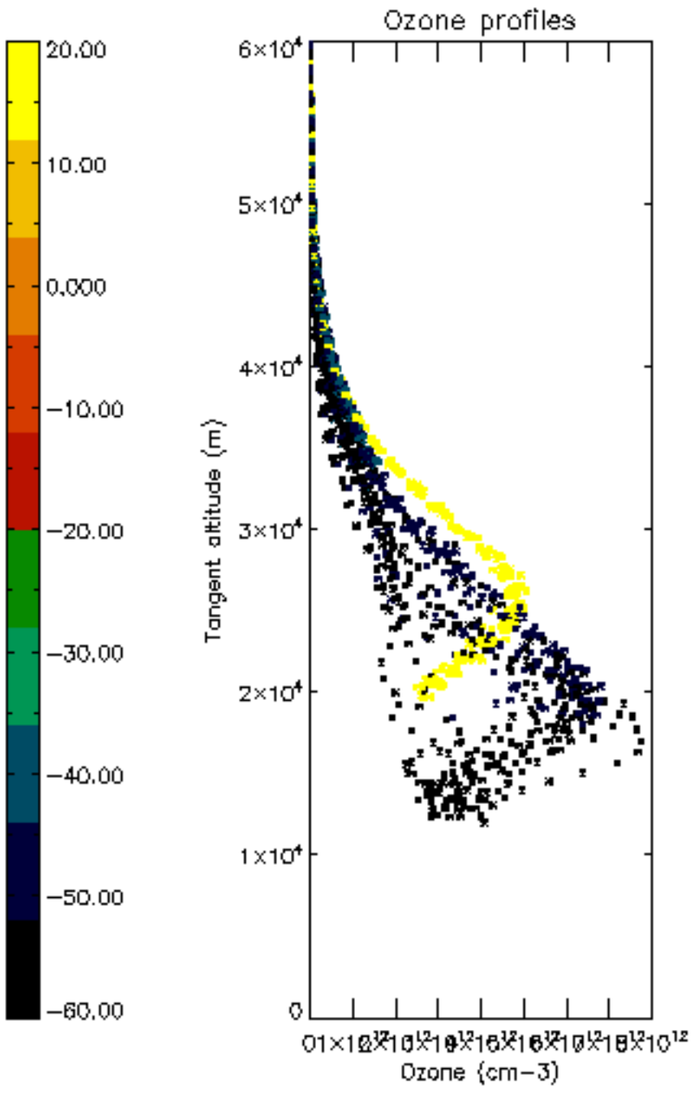

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale


20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00

Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

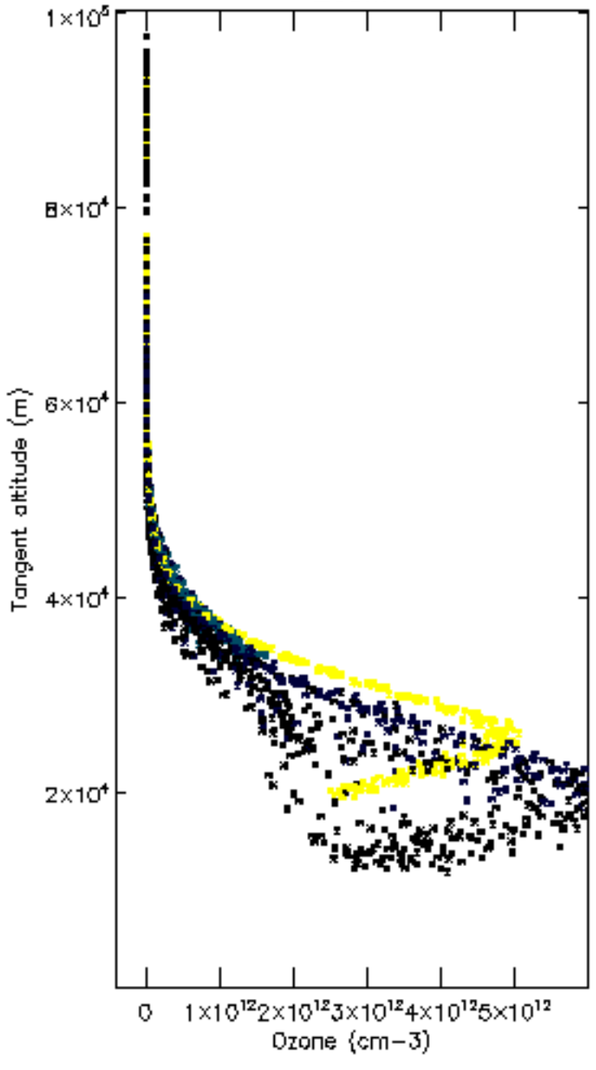

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

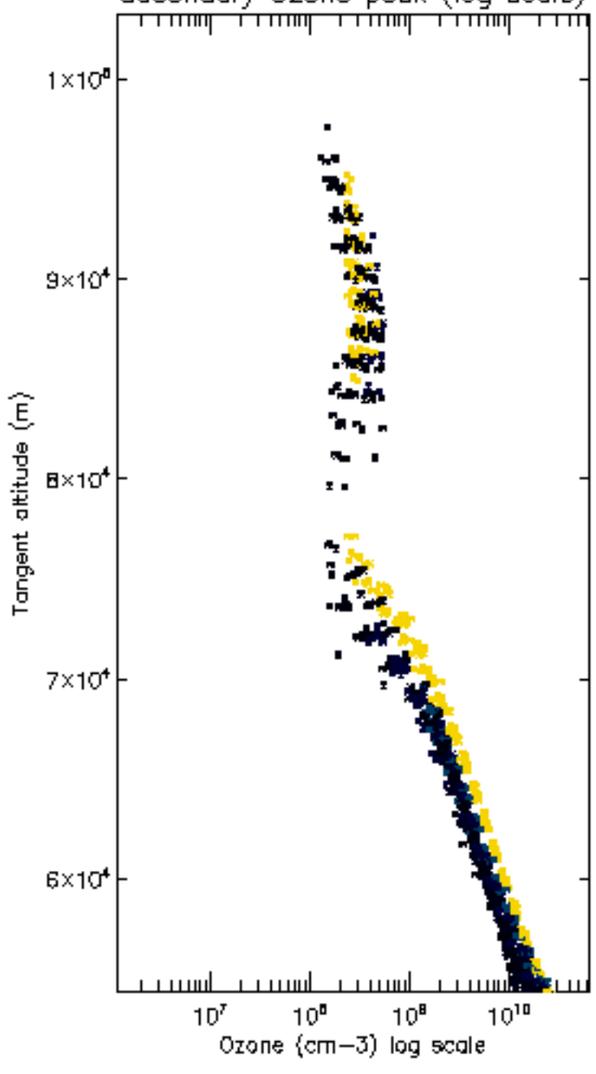


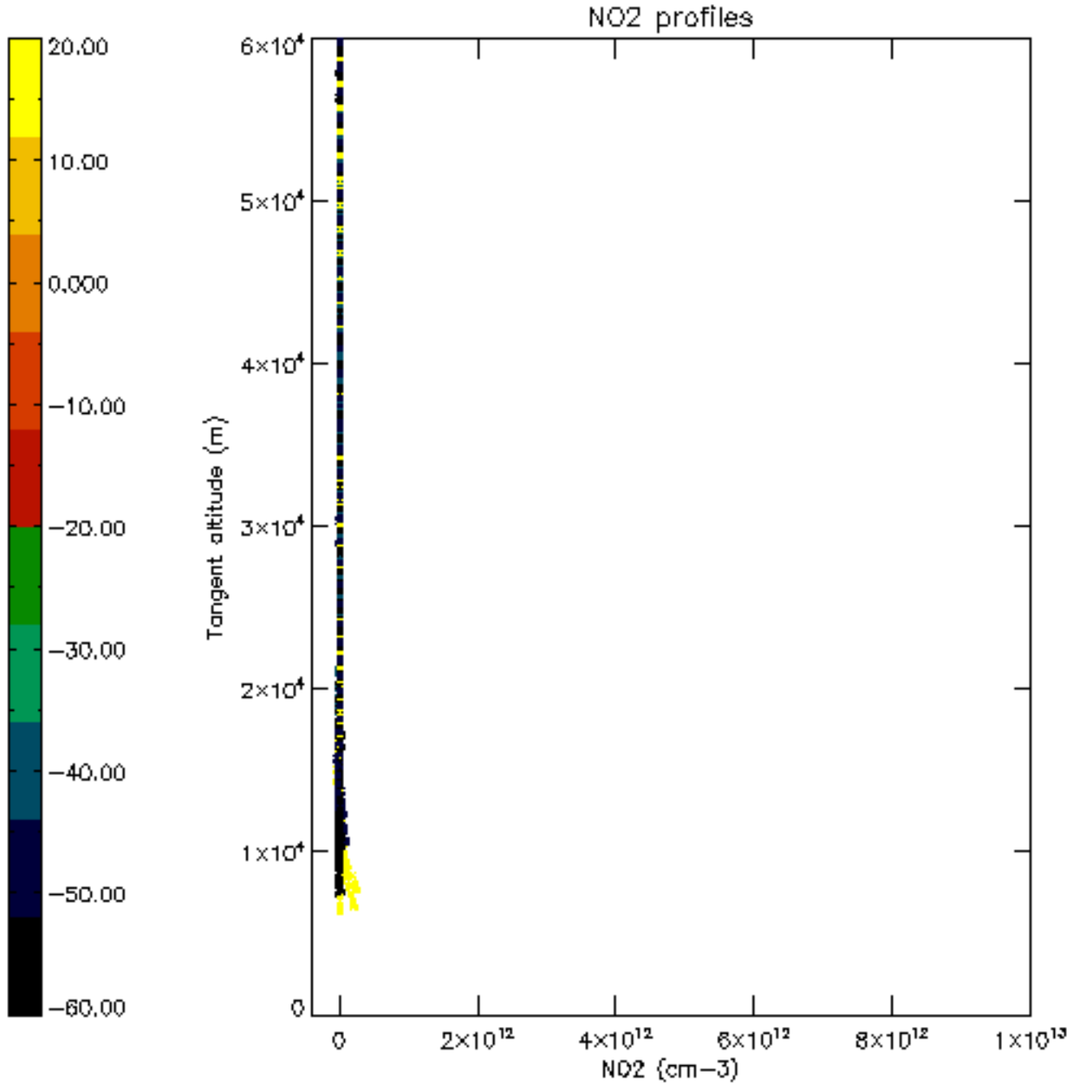
Ozone profiles

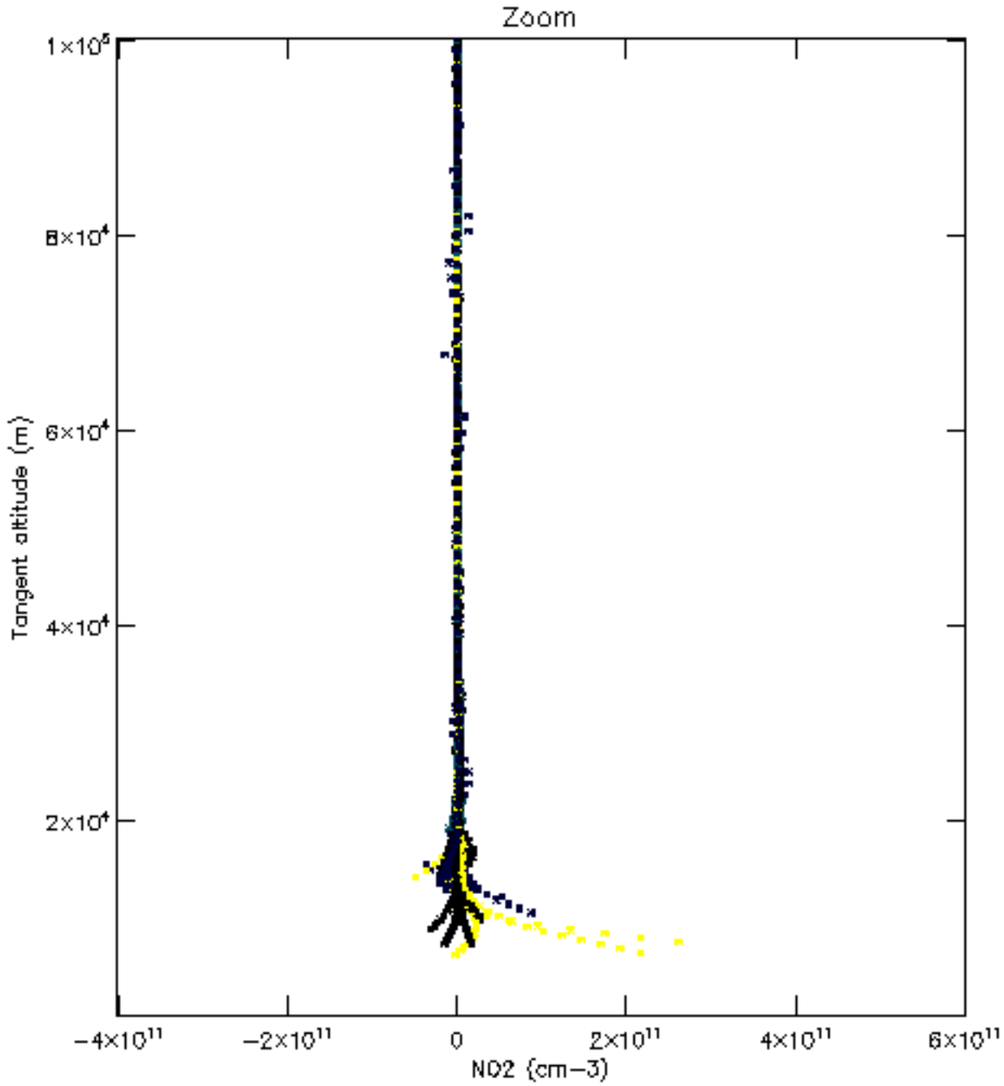
Zoom

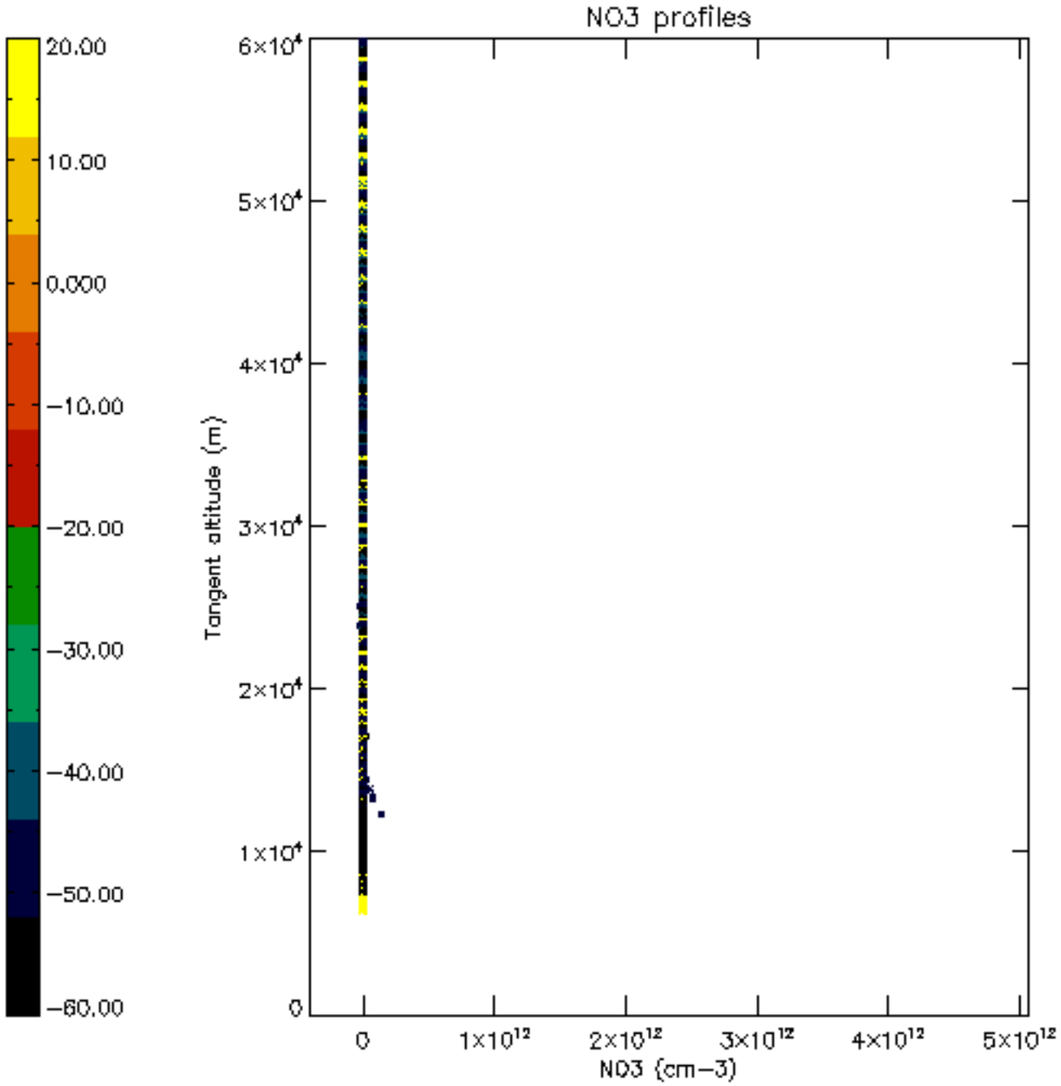


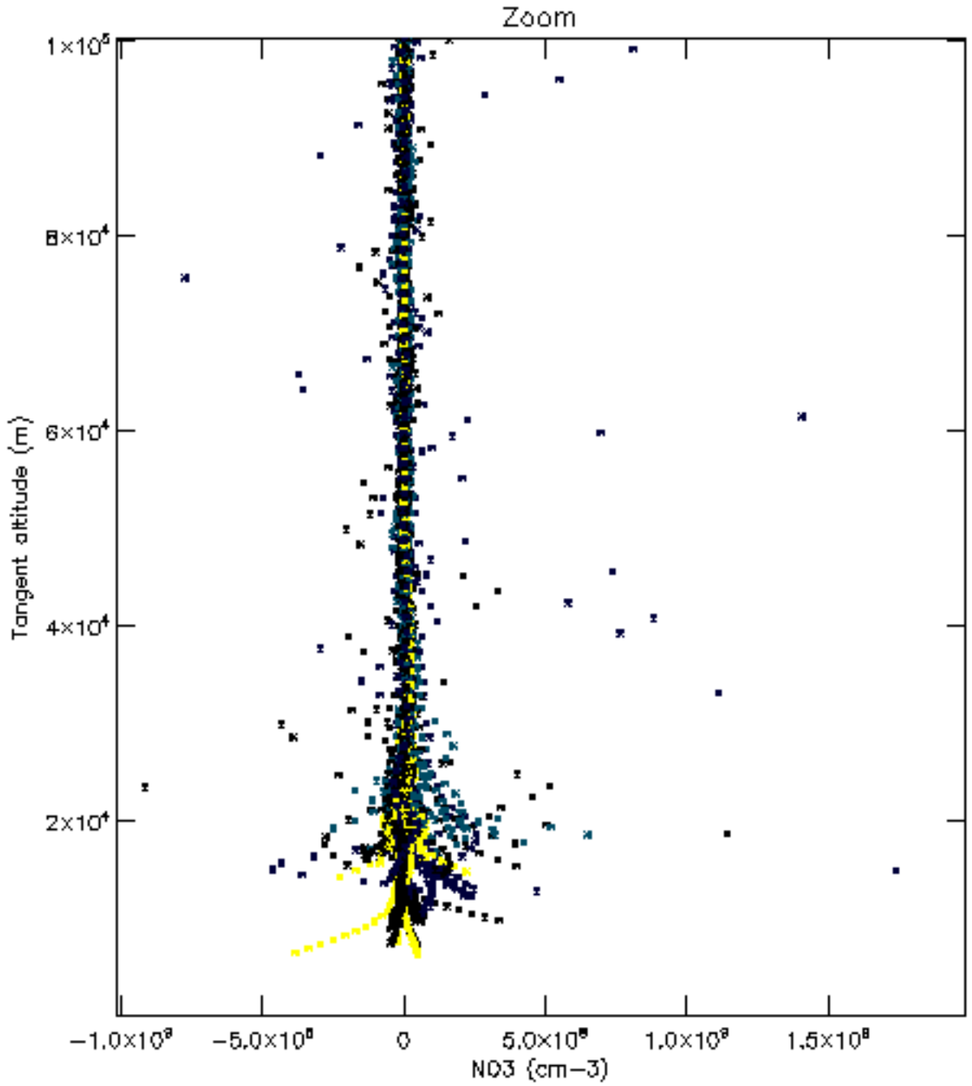
Secondary Ozone peak (log scale)

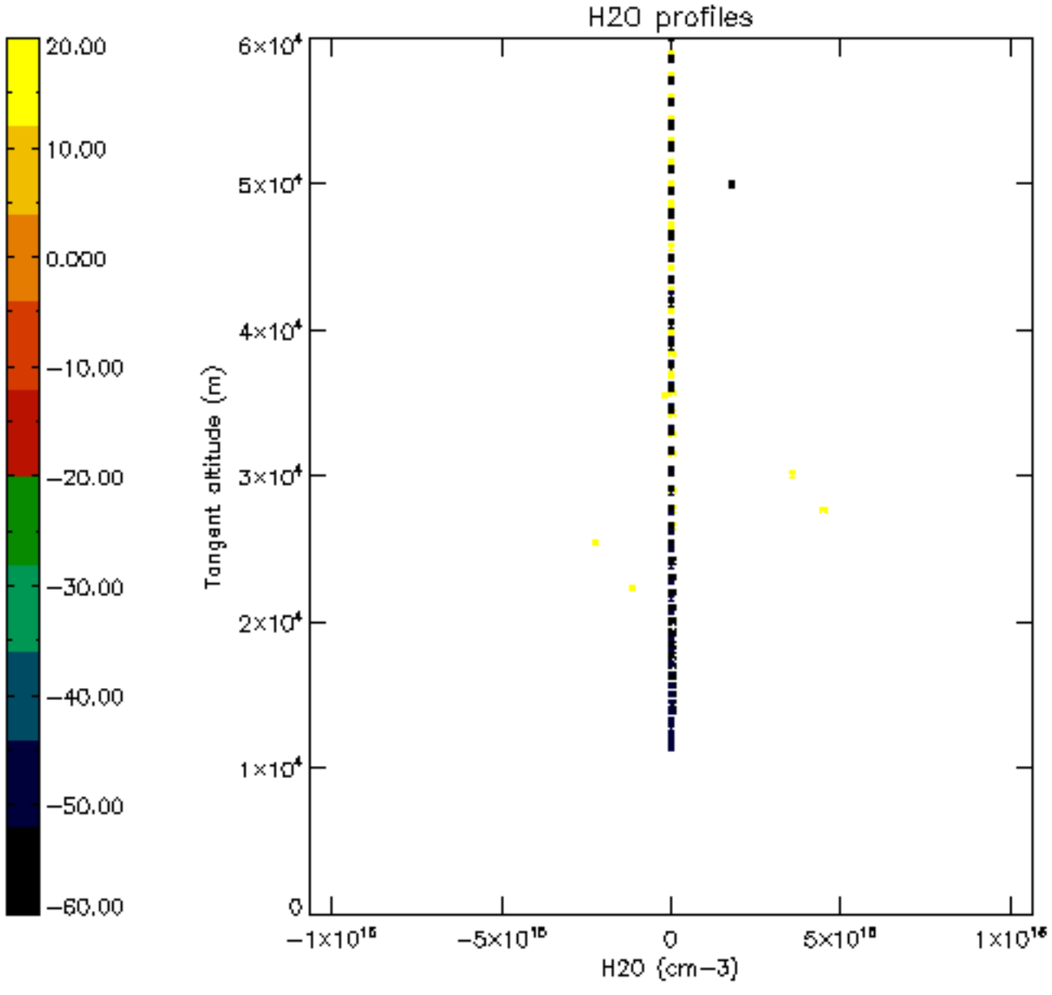


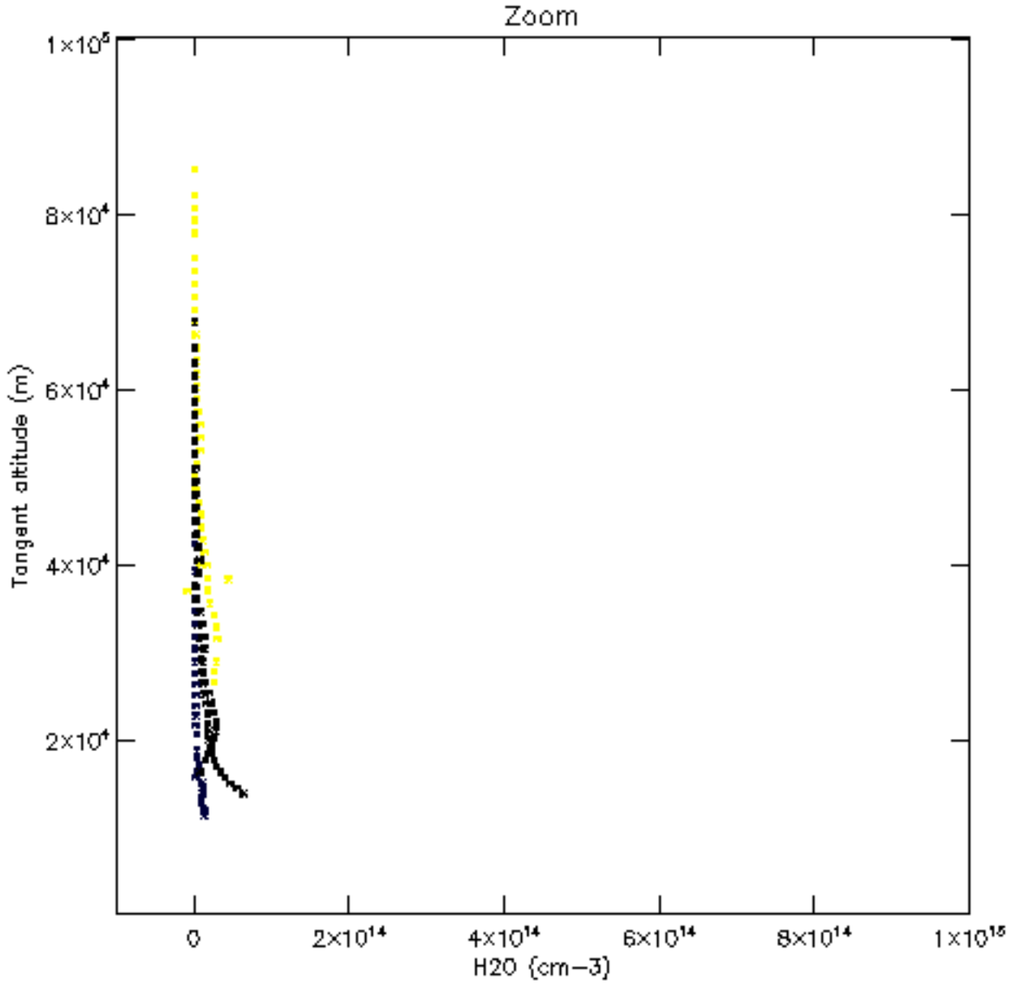

NO2 profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)