

GOMOS Level 2 Daily Report

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 26APR2013 09:13:09 |
| Data source version | GOMOS/6.01 |
| Start time of products | 02-05-2009 (02MAY2009 00:00:00) |
| Stop time of products | 03-05-2009 (03MAY2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 214 |
| 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__2PRFIN20090502_000706_000000502078_00360_37488_1757.N1 | 02-MAY-2009 00:07:06 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37488 | No |
| 2 | GOM_NL__2PRFIN20090502_000852_000000552078_00360_37488_1758.N1 | 02-MAY-2009 00:08:52 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37488 | No |
| 3 | GOM_NL__2PRFIN20090502_001156_000000522078_00360_37488_1759.N1 | 02-MAY-2009 00:11:56 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37488 | No |
| 4 | GOM_NL__2PRFIN20090502_001539_000000542078_00360_37488_1760.N1 | 02-MAY-2009 00:15:39 | Twilight | 54.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 108 | 37488 | No |
| 5 | GOM_NL__2PRFIN20090502_001751_000000502078_00360_37488_1761.N1 | 02-MAY-2009 00:17:51 | Twilight | 50.000 | 80 | 7Del Sco | 2.3160 | 30000. | 100 | 37488 | No |
| 6 | GOM_NL__2PRFIN20090502_002058_000000412078_00360_37488_1762.N1 | 02-MAY-2009 00:20:58 | Bright | 41.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 82 | 37488 | No |
| 7 | GOM_NL__2PRFIN20090502_002313_000000462078_00360_37488_1763.N1 | 02-MAY-2009 00:23:13 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 37488 | No |
| 8 | GOM_NL__2PRFIN20090502_003206_000000592078_00360_37488_1764.N1 | 02-MAY-2009 00:32:06 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37488 | No |
| 9 | GOM_NL__2PRFIN20090502_003513_000000462078_00360_37488_1765.N1 | 02-MAY-2009 00:35:13 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 37488 | No |
| 10 | GOM_NL__2PRFIN20090502_003815_000000382078_00360_37488_1766.N1 | 02-MAY-2009 00:38:15 | Bright | 38.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 76 | 37488 | No |
| 11 | GOM_NL__2PRFIN20090502_004746_000000432078_00360_37488_1767.N1 | 02-MAY-2009 00:47:46 | Bright | 42.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 85 | 37488 | No |
| 12 | GOM_NL__2PRFIN20090502_005809_000000372078_00360_37488_1768.N1 | 02-MAY-2009 00:58:09 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37488 | No |
| 13 | GOM_NL__2PRFIN20090502_010936_000000352078_00360_37488_1769.N1 | 02-MAY-2009 01:09:36 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37488 | No |
| 14 | GOM_NL__2PRFIN20090502_011831_000000402078_00360_37488_1770.N1 | 02-MAY-2009 01:18:31 | Dark | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 37488 | No |
| 15 | GOM_NL__2PRFIN20090502_012056_000000442078_00360_37488_1771.N1 | 02-MAY-2009 01:20:56 | Dark | 43.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 87 | 37488 | No |
| 16 | GOM_NL__2PRFIN20090502_012447_000000552078_00360_37488_1772.N1 | 02-MAY-2009 01:24:47 | Dark | 54.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 109 | 37488 | No |
| 17 | GOM_NL__2PRFIN20090502_014743_000000502078_00361_37489_1773.N1 | 02-MAY-2009 01:47:43 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37489 | No |
| 18 | GOM_NL__2PRFIN20090502_014929_000000552078_00361_37489_1774.N1 | 02-MAY-2009 01:49:29 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37489 | No |
| 19 | GOM_NL__2PRFIN20090502_015233_000000522078_00361_37489_1775.N1 | 02-MAY-2009 01:52:33 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37489 | No |
| 20 | GOM_NL__2PRFIN20090502_015615_000000542078_00361_37489_1776.N1 | 02-MAY-2009 01:56:15 | Twilight | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37489 | No |
| 21 | GOM_NL__2PRFIN20090502_015827_000000502078_00361_37489_1777.N1 | 02-MAY-2009 01:58:27 | Twilight | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37489 | No |
| 22 | GOM_NL__2PRFIN20090502_020134_000000412078_00361_37489_1778.N1 | 02-MAY-2009 02:01:34 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37489 | No |
| 23 | GOM_NL__2PRFIN20090502_020349_000000472078_00361_37489_1779.N1 | 02-MAY-2009 02:03:49 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37489 | No |
| 24 | GOM_NL__2PRFIN20090502_021242_000000592078_00361_37489_1780.N1 | 02-MAY-2009 02:12:42 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37489 | No |
| 25 | GOM_NL__2PRFIN20090502_021549_000000422078_00361_37489_1781.N1 | 02-MAY-2009 02:15:49 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 37489 | No |
| 26 | GOM_NL__2PRFIN20090502_021850_000000422078_00361_37489_1782.N1 | 02-MAY-2009 02:18:50 | Bright | 42.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 84 | 37489 | No |
| 27 | GOM_NL__2PRFIN20090502_022821_000000442078_00361_37489_1783.N1 | 02-MAY-2009 02:28:21 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37489 | No |
| 28 | GOM_NL__2PRFIN20090502_023845_000000372078_00361_37489_1784.N1 | 02-MAY-2009 02:38:45 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 37489 | No |
| 29 | GOM_NL__2PRFIN20090502_025013_000000352078_00361_37489_1785.N1 | 02-MAY-2009 02:50:13 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37489 | No |
| 30 | GOM_NL__2PRFIN20090502_025908_000000402078_00361_37489_1786.N1 | 02-MAY-2009 02:59:08 | Dark | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 37489 | No |
| 31 | GOM_NL__2PRFIN20090502_030133_000000442078_00361_37489_1787.N1 | 02-MAY-2009 03:01:33 | Dark | 44.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 88 | 37489 | No |
| 32 | GOM_NL__2PRFIN20090502_030524_000000552078_00361_37489_1788.N1 | 02-MAY-2009 03:05:24 | Dark | 54.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 109 | 37489 | No |
| 33 | GOM_NL__2PRFIN20090502_032820_000000502078_00362_37490_1789.N1 | 02-MAY-2009 03:28:20 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37490 | No |
| 34 | GOM_NL__2PRFIN20090502_033006_000000552078_00362_37490_1790.N1 | 02-MAY-2009 03:30:06 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37490 | No |
| 35 | GOM_NL__2PRFIN20090502_033309_000000522078_00362_37490_1791.N1 | 02-MAY-2009 03:33:09 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37490 | No |
| 36 | GOM_NL__2PRFIN20090502_033652_000000542078_00362_37490_1792.N1 | 02-MAY-2009 03:36:52 | Twilight | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37490 | No |
| 37 | GOM_NL__2PRFIN20090502_033903_000000502078_00362_37490_1793.N1 | 02-MAY-2009 03:39:03 | Twilight | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37490 | No |
| 38 | GOM_NL__2PRFIN20090502_034210_000000422078_00362_37490_1794.N1 | 02-MAY-2009 03:42:10 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37490 | No |
| 39 | GOM_NL__2PRFIN20090502_034425_000000472078_00362_37490_1795.N1 | 02-MAY-2009 03:44:25 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37490 | No |
| 40 | GOM_NL__2PRFIN20090502_035317_000000592078_00362_37490_1796.N1 | 02-MAY-2009 03:53:17 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37490 | No |
| 41 | GOM_NL__2PRFIN20090502_035624_000000442078_00362_37490_1797.N1 | 02-MAY-2009 03:56:24 | Bright | 44.000 | 83 | | 2.3780 | 11000. | 88 | 37490 | No |
| 42 | GOM_NL__2PRFIN20090502_035926_000000402078_00362_37490_1798.N1 | 02-MAY-2009 03:59:26 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 37490 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20090502_040857_000000452078_00362_37490_1799.N1 | 02-MAY-2009 04:08:57 | Bright | 45.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 90 | 37490 | No |
| 44 | GOM_NL__2PRFIN20090502_041920_000000372078_00362_37490_1800.N1 | 02-MAY-2009 04:19:20 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37490 | No |
| 45 | GOM_NL__2PRFIN20090502_043049_000000352078_00362_37490_1801.N1 | 02-MAY-2009 04:30:49 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37490 | No |
| 46 | GOM_NL__2PRFIN20090502_043945_000000322078_00362_37490_1802.N1 | 02-MAY-2009 04:39:45 | Dark | 32.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 64 | 37490 | No |
| 47 | GOM_NL__2PRFIN20090502_044210_000000442078_00362_37490_1803.N1 | 02-MAY-2009 04:42:10 | Dark | 44.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 88 | 37490 | No |
| 48 | GOM_NL__2PRFIN20090502_044601_000000552078_00362_37490_1804.N1 | 02-MAY-2009 04:46:01 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37490 | No |
| 49 | GOM_NL__2PRFIN20090502_050857_000000512078_00363_37491_1803.N1 | 02-MAY-2009 05:08:57 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37491 | No |
| 50 | GOM_NL__2PRFIN20090502_051043_000000562078_00363_37491_1804.N1 | 02-MAY-2009 05:10:43 | Straylight | 55.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 111 | 37491 | No |
| 51 | GOM_NL__2PRFIN20090502_051346_000000512078_00363_37491_1805.N1 | 02-MAY-2009 05:13:46 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37491 | No |
| 52 | GOM_NL__2PRFIN20090502_051728_000000552078_00363_37491_1806.N1 | 02-MAY-2009 05:17:28 | Tw_i_and_stray | 54.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 109 | 37491 | No |
| 53 | GOM_NL__2PRFIN20090502_051940_000000492078_00363_37491_1807.N1 | 02-MAY-2009 05:19:40 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37491 | No |
| 54 | GOM_NL__2PRFIN20090502_052246_000000422078_00363_37491_1808.N1 | 02-MAY-2009 05:22:46 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37491 | No |
| 55 | GOM_NL__2PRFIN20090502_052501_000000472078_00363_37491_1809.N1 | 02-MAY-2009 05:25:01 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37491 | No |
| 56 | GOM_NL__2PRFIN20090502_053353_000000592078_00363_37491_1810.N1 | 02-MAY-2009 05:33:53 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37491 | No |
| 57 | GOM_NL__2PRFIN20090502_053700_000000502078_00363_37491_1811.N1 | 02-MAY-2009 05:37:00 | Bright | 50.000 | 83 | | 2.3780 | 11000. | 100 | 37491 | No |
| 58 | GOM_NL__2PRFIN20090502_054001_000000402078_00363_37491_1812.N1 | 02-MAY-2009 05:40:01 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 37491 | No |
| 59 | GOM_NL__2PRFIN20090502_054932_000000462078_00363_37491_1813.N1 | 02-MAY-2009 05:49:32 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37491 | No |
| 60 | GOM_NL__2PRFIN20090502_055956_000000372078_00363_37491_1814.N1 | 02-MAY-2009 05:59:56 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37491 | No |
| 61 | GOM_NL__2PRFIN20090502_061125_000000352078_00363_37491_1815.N1 | 02-MAY-2009 06:11:25 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37491 | No |
| 62 | GOM_NL__2PRFIN20090502_062022_000000322078_00363_37491_1816.N1 | 02-MAY-2009 06:20:22 | Dark | 32.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 64 | 37491 | No |
| 63 | GOM_NL__2PRFIN20090502_062247_000000452078_00363_37491_1817.N1 | 02-MAY-2009 06:22:47 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37491 | No |
| 64 | GOM_NL__2PRFIN20090502_062638_000000552078_00363_37491_1818.N1 | 02-MAY-2009 06:26:38 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37491 | No |
| 65 | GOM_NL__2PRFIN20090502_064933_000000512078_00364_37492_1838.N1 | 02-MAY-2009 06:49:33 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37492 | No |
| 66 | GOM_NL__2PRFIN20090502_065120_000000552078_00364_37492_1839.N1 | 02-MAY-2009 06:51:20 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37492 | No |
| 67 | GOM_NL__2PRFIN20090502_065423_000000512078_00364_37492_1840.N1 | 02-MAY-2009 06:54:23 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37492 | No |
| 68 | GOM_NL__2PRFIN20090502_065804_000000542078_00364_37492_1841.N1 | 02-MAY-2009 06:58:04 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37492 | No |
| 69 | GOM_NL__2PRFIN20090502_070015_000000502078_00364_37492_1842.N1 | 02-MAY-2009 07:00:15 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37492 | No |
| 70 | GOM_NL__2PRFIN20090502_070322_000000412078_00364_37492_1843.N1 | 02-MAY-2009 07:03:22 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37492 | No |
| 71 | GOM_NL__2PRFIN20090502_070536_000000472078_00364_37492_1844.N1 | 02-MAY-2009 07:05:36 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37492 | No |
| 72 | GOM_NL__2PRFIN20090502_071429_000000432078_00364_37492_1845.N1 | 02-MAY-2009 07:14:29 | Bright | 42.500 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 85 | 37492 | No |
| 73 | GOM_NL__2PRFIN20090502_071735_000000482078_00364_37492_1846.N1 | 02-MAY-2009 07:17:35 | Bright | 48.000 | 83 | | 2.3780 | 11000. | 96 | 37492 | No |
| 74 | GOM_NL__2PRFIN20090502_072037_000000402078_00364_37492_1847.N1 | 02-MAY-2009 07:20:37 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 37492 | No |
| 75 | GOM_NL__2PRFIN20090502_073008_000000432078_00364_37492_1848.N1 | 02-MAY-2009 07:30:08 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 37492 | No |
| 76 | GOM_NL__2PRFIN20090502_074032_000000372078_00364_37492_1849.N1 | 02-MAY-2009 07:40:32 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37492 | No |
| 77 | GOM_NL__2PRFIN20090502_075201_000000352078_00364_37492_1850.N1 | 02-MAY-2009 07:52:01 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37492 | No |
| 78 | GOM_NL__2PRFIN20090502_080324_000000452078_00364_37492_1851.N1 | 02-MAY-2009 08:03:24 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37492 | No |
| 79 | GOM_NL__2PRFIN20090502_080715_000000552078_00364_37492_1852.N1 | 02-MAY-2009 08:07:15 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37492 | No |
| 80 | GOM_NL__2PRFIN20090502_083010_000000512078_00365_37493_1852.N1 | 02-MAY-2009 08:30:10 | Straylight | 51.000 | 40 | The Sco | 1.8590 | 7100.0 | 102 | 37493 | No |
| 81 | GOM_NL__2PRFIN20090502_083157_000000552078_00365_37493_1853.N1 | 02-MAY-2009 08:31:57 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37493 | No |
| 82 | GOM_NL__2PRFIN20090502_083500_000000522078_00365_37493_1854.N1 | 02-MAY-2009 08:35:00 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37493 | No |
| 83 | GOM_NL__2PRFIN20090502_083841_000000542078_00365_37493_1855.N1 | 02-MAY-2009 08:38:41 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37493 | No |
| 84 | GOM_NL__2PRFIN20090502_084052_000000502078_00365_37493_1856.N1 | 02-MAY-2009 08:40:52 | Tw_i_and_stray | 50.000 | 80 | 7Del Sco | 2.3160 | 30000. | 100 | 37493 | No |
| 85 | GOM_NL__2PRFIN20090502_084358_000000422078_00365_37493_1857.N1 | 02-MAY-2009 08:43:58 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37493 | No |
| 86 | GOM_NL__2PRFIN20090502_084612_000000472078_00365_37493_1858.N1 | 02-MAY-2009 08:46:12 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 37493 | No |
| 87 | GOM_NL__2PRFIN20090502_085504_000000452078_00365_37493_1859.N1 | 02-MAY-2009 08:55:04 | Bright | 44.500 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 89 | 37493 | No |
| 88 | GOM_NL__2PRFIN20090502_085810_000000472078_00365_37493_1860.N1 | 02-MAY-2009 08:58:10 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 37493 | No |
| 89 | GOM_NL__2PRFIN20090502_090112_000000402078_00365_37493_1861.N1 | 02-MAY-2009 09:01:12 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 37493 | No |
| 90 | GOM_NL__2PRFIN20090502_091043_000000442078_00365_37493_1862.N1 | 02-MAY-2009 09:10:43 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37493 | No |
| 91 | GOM_NL__2PRFIN20090502_092107_000000372078_00365_37493_1863.N1 | 02-MAY-2009 09:21:07 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37493 | No |
| 92 | GOM_NL__2PRFIN20090502_093237_000000352078_00365_37493_1864.N1 | 02-MAY-2009 09:32:37 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37493 | No |
| 93 | GOM_NL__2PRFIN20090502_094400_000000442078_00365_37493_1865.N1 | 02-MAY-2009 09:44:00 | Dark | 44.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 88 | 37493 | No |
| 94 | GOM_NL__2PRFIN20090502_094753_000000552078_00365_37493_1866.N1 | 02-MAY-2009 09:47:53 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37493 | No |
| 95 | GOM_NL__2PRFIN20090502_101047_000000512078_00366_37494_1866.N1 | 02-MAY-2009 10:10:47 | Straylight | 51.000 | 40 | The Sco | 1.8590 | 7100.0 | 102 | 37494 | No |
| 96 | GOM_NL__2PRFIN20090502_101234_000000552078_00366_37494_1867.N1 | 02-MAY-2009 10:12:34 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37494 | No |
| 97 | GOM_NL__2PRFIN20090502_101536_000000512078_00366_37494_1868.N1 | 02-MAY-2009 10:15:36 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37494 | No |
| 98 | GOM_NL__2PRFIN20090502_101917_000000542078_00366_37494_1869.N1 | 02-MAY-2009 10:19:17 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37494 | No |
| 99 | GOM_NL__2PRFIN20090502_102128_000000502078_00366_37494_1870.N1 | 02-MAY-2009 10:21:28 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37494 | No |
| 100 | GOM_NL__2PRFIN20090502_102434_000000422078_00366_37494_1871.N1 | 02-MAY-2009 10:24:34 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37494 | No |
| 101 | GOM_NL__2PRFIN20090502_102648_000000472078_00366_37494_1872.N1 | 02-MAY-2009 10:26:48 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 37494 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20090502_103540_000000592078_00366_37494_1873.N1 | 02-MAY-2009 10:35:40 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37494 | No |
| 103 | GOM_NL__2PRFIN20090502_103846_000000472078_00366_37494_1874.N1 | 02-MAY-2009 10:38:46 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 37494 | No |
| 104 | GOM_NL__2PRFIN20090502_104148_000000392078_00366_37494_1875.N1 | 02-MAY-2009 10:41:48 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 37494 | No |
| 105 | GOM_NL__2PRFIN20090502_105118_000000442078_00366_37494_1876.N1 | 02-MAY-2009 10:51:18 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37494 | No |
| 106 | GOM_NL__2PRFIN20090502_110143_000000372078_00366_37494_1877.N1 | 02-MAY-2009 11:01:43 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37494 | No |
| 107 | GOM_NL__2PRFIN20090502_111313_000000352078_00366_37494_1878.N1 | 02-MAY-2009 11:13:13 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37494 | No |
| 108 | GOM_NL__2PRFIN20090502_112437_000000452078_00366_37494_1879.N1 | 02-MAY-2009 11:24:37 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37494 | No |
| 109 | GOM_NL__2PRFIN20090502_112830_000000492078_00366_37494_1880.N1 | 02-MAY-2009 11:28:30 | Dark | 49.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 98 | 37494 | No |
| 110 | GOM_NL__2PRFIN20090502_115124_000000512078_00367_37495_1880.N1 | 02-MAY-2009 11:51:24 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37495 | No |
| 111 | GOM_NL__2PRFIN20090502_115311_000000552078_00367_37495_1881.N1 | 02-MAY-2009 11:53:11 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37495 | No |
| 112 | GOM_NL__2PRFIN20090502_115613_000000512078_00367_37495_1882.N1 | 02-MAY-2009 11:56:13 | Straylight | 50.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 101 | 37495 | No |
| 113 | GOM_NL__2PRFIN20090502_115953_000000532078_00367_37495_1883.N1 | 02-MAY-2009 11:59:53 | Tw_i_and_stray | 53.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 106 | 37495 | No |
| 114 | GOM_NL__2PRFIN20090502_120204_000000502078_00367_37495_1884.N1 | 02-MAY-2009 12:02:04 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37495 | No |
| 115 | GOM_NL__2PRFIN20090502_120510_000000412078_00367_37495_1885.N1 | 02-MAY-2009 12:05:10 | Bright | 41.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 82 | 37495 | No |
| 116 | GOM_NL__2PRFIN20090502_120724_000000482078_00367_37495_1886.N1 | 02-MAY-2009 12:07:24 | Bright | 48.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 96 | 37495 | No |
| 117 | GOM_NL__2PRFIN20090502_121618_000000592078_00367_37495_1887.N1 | 02-MAY-2009 12:16:18 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37495 | No |
| 118 | GOM_NL__2PRFIN20090502_121921_000000422078_00367_37495_1888.N1 | 02-MAY-2009 12:19:21 | Bright | 41.500 | 83 | | 2.3780 | 11000. | 83 | 37495 | No |
| 119 | GOM_NL__2PRFIN20090502_122223_000000412078_00367_37495_1889.N1 | 02-MAY-2009 12:22:23 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 37495 | No |
| 120 | GOM_NL__2PRFIN20090502_123154_000000462078_00367_37495_1890.N1 | 02-MAY-2009 12:31:54 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 37495 | No |
| 121 | GOM_NL__2PRFIN20090502_124219_000000372078_00367_37495_1891.N1 | 02-MAY-2009 12:42:19 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37495 | No |
| 122 | GOM_NL__2PRFIN20090502_125349_000000352078_00367_37495_1892.N1 | 02-MAY-2009 12:53:49 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37495 | No |
| 123 | GOM_NL__2PRFIN20090502_130514_000000452078_00367_37495_1893.N1 | 02-MAY-2009 13:05:14 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37495 | No |
| 124 | GOM_NL__2PRFIN20090502_130907_000000492078_00367_37495_1894.N1 | 02-MAY-2009 13:09:07 | Dark | 49.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 98 | 37495 | No |
| 125 | GOM_NL__2PRFIN20090502_133201_000000502078_00368_37496_1894.N1 | 02-MAY-2009 13:32:01 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37496 | No |
| 126 | GOM_NL__2PRFIN20090502_133348_000000552078_00368_37496_1895.N1 | 02-MAY-2009 13:33:48 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37496 | No |
| 127 | GOM_NL__2PRFIN20090502_133649_000000512078_00368_37496_1896.N1 | 02-MAY-2009 13:36:49 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37496 | No |
| 128 | GOM_NL__2PRFIN20090502_134030_000000542078_00368_37496_1897.N1 | 02-MAY-2009 13:40:30 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37496 | No |
| 129 | GOM_NL__2PRFIN20090502_134240_000000492078_00368_37496_1898.N1 | 02-MAY-2009 13:42:40 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37496 | No |
| 130 | GOM_NL__2PRFIN20090502_134546_000000422078_00368_37496_1899.N1 | 02-MAY-2009 13:45:46 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37496 | No |
| 131 | GOM_NL__2PRFIN20090502_134800_000000462078_00368_37496_1900.N1 | 02-MAY-2009 13:48:00 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 37496 | No |
| 132 | GOM_NL__2PRFIN20090502_135957_000000432078_00368_37496_1901.N1 | 02-MAY-2009 13:59:57 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 37496 | No |
| 133 | GOM_NL__2PRFIN20090502_140259_000000392078_00368_37496_1902.N1 | 02-MAY-2009 14:02:59 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 37496 | No |
| 134 | GOM_NL__2PRFIN20090502_141229_000000462078_00368_37496_1903.N1 | 02-MAY-2009 14:12:29 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37496 | No |
| 135 | GOM_NL__2PRFIN20090502_142254_000000372078_00368_37496_1904.N1 | 02-MAY-2009 14:22:54 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37496 | No |
| 136 | GOM_NL__2PRFIN20090502_143425_000000352078_00368_37496_1905.N1 | 02-MAY-2009 14:34:25 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37496 | No |
| 137 | GOM_NL__2PRFIN20090502_144551_000000452078_00368_37496_1906.N1 | 02-MAY-2009 14:45:51 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37496 | No |
| 138 | GOM_NL__2PRFIN20090502_144945_000000422078_00368_37496_1907.N1 | 02-MAY-2009 14:49:45 | Dark | 42.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 84 | 37496 | No |
| 139 | GOM_NL__2PRFIN20090502_145136_000000482078_00368_37496_1908.N1 | 02-MAY-2009 14:51:36 | Dark | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 37496 | No |
| 140 | GOM_NL__2PRFIN20090502_151237_000000532078_00369_37497_1909.N1 | 02-MAY-2009 15:12:37 | Straylight | 52.500 | 40 | The Sco | 1.8590 | 7100.0 | 105 | 37497 | No |
| 141 | GOM_NL__2PRFIN20090502_151424_000000552078_00369_37497_1910.N1 | 02-MAY-2009 15:14:24 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37497 | No |
| 142 | GOM_NL__2PRFIN20090502_151726_000000512078_00369_37497_1911.N1 | 02-MAY-2009 15:17:26 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37497 | No |
| 143 | GOM_NL__2PRFIN20090502_152106_000000542078_00369_37497_1912.N1 | 02-MAY-2009 15:21:06 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37497 | No |
| 144 | GOM_NL__2PRFIN20090502_152317_000000492078_00369_37497_1913.N1 | 02-MAY-2009 15:23:17 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37497 | No |
| 145 | GOM_NL__2PRFIN20090502_152622_000000412078_00369_37497_1914.N1 | 02-MAY-2009 15:26:22 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37497 | No |
| 146 | GOM_NL__2PRFIN20090502_152836_000000462078_00369_37497_1915.N1 | 02-MAY-2009 15:28:36 | Bright | 45.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 91 | 37497 | No |
| 147 | GOM_NL__2PRFIN20090502_154032_000000472078_00369_37497_1916.N1 | 02-MAY-2009 15:40:32 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 37497 | No |
| 148 | GOM_NL__2PRFIN20090502_154334_000000412078_00369_37497_1917.N1 | 02-MAY-2009 15:43:34 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 37497 | No |
| 149 | GOM_NL__2PRFIN20090502_155305_000000432078_00369_37497_1918.N1 | 02-MAY-2009 15:53:05 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 37497 | No |
| 150 | GOM_NL__2PRFIN20090502_160330_000000372078_00369_37497_1919.N1 | 02-MAY-2009 16:03:30 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37497 | No |
| 151 | GOM_NL__2PRFIN20090502_161501_000000352078_00369_37497_1920.N1 | 02-MAY-2009 16:15:01 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37497 | No |
| 152 | GOM_NL__2PRFIN20090502_162628_000000452078_00369_37497_1921.N1 | 02-MAY-2009 16:26:28 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37497 | No |
| 153 | GOM_NL__2PRFIN20090502_163213_000000482078_00369_37497_1922.N1 | 02-MAY-2009 16:32:13 | Dark | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 37497 | No |
| 154 | GOM_NL__2PRFIN20090502_165314_000000512078_00370_37498_1924.N1 | 02-MAY-2009 16:53:14 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37498 | No |
| 155 | GOM_NL__2PRFIN20090502_165501_000000552078_00370_37498_1925.N1 | 02-MAY-2009 16:55:01 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37498 | No |
| 156 | GOM_NL__2PRFIN20090502_165803_000000512078_00370_37498_1926.N1 | 02-MAY-2009 16:58:03 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37498 | No |
| 157 | GOM_NL__2PRFIN20090502_170143_000000532078_00370_37498_1927.N1 | 02-MAY-2009 17:01:43 | Tw_i_and_stray | 53.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 106 | 37498 | No |
| 158 | GOM_NL__2PRFIN20090502_170353_000000492078_00370_37498_1928.N1 | 02-MAY-2009 17:03:53 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37498 | No |
| 159 | GOM_NL__2PRFIN20090502_170658_000000412078_00370_37498_1929.N1 | 02-MAY-2009 17:06:58 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37498 | No |
| 160 | GOM_NL__2PRFIN20090502_170912_000000472078_00370_37498_1930.N1 | 02-MAY-2009 17:09:12 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 37498 | No |

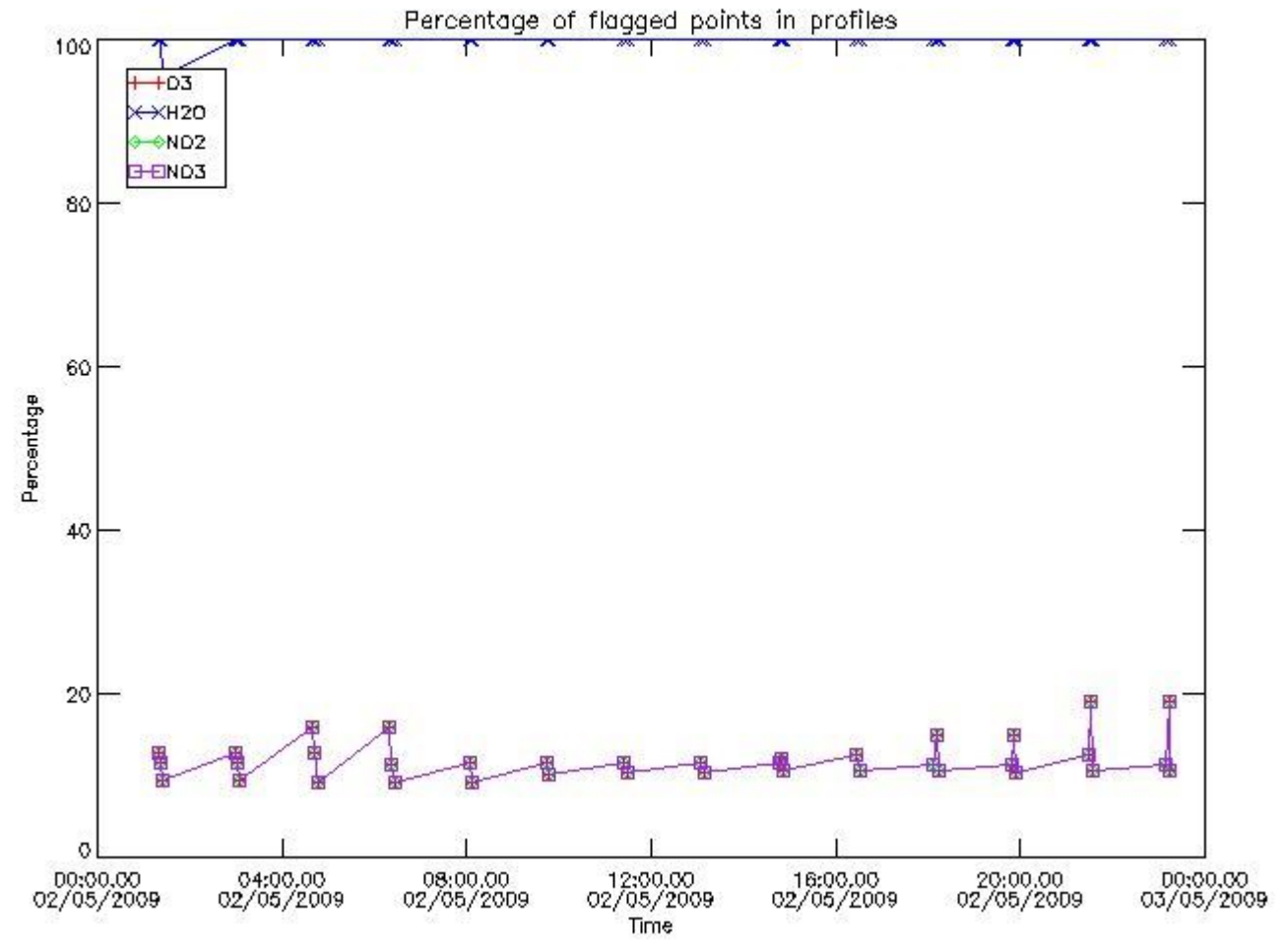
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20090502_172108_000000512078_00370_37498_1931.N1 | 02-MAY-2009 17:21:08 | Bright | 51.000 | 83 | | 2.3780 | 11000. | 102 | 37498 | No |
| 162 | GOM_NL__2PRFIN20090502_172410_000000402078_00370_37498_1932.N1 | 02-MAY-2009 17:24:10 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 37498 | No |
| 163 | GOM_NL__2PRFIN20090502_173340_000000452078_00370_37498_1933.N1 | 02-MAY-2009 17:33:40 | Bright | 44.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 89 | 37498 | No |
| 164 | GOM_NL__2PRFIN20090502_174406_000000372078_00370_37498_1934.N1 | 02-MAY-2009 17:44:06 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37498 | No |
| 165 | GOM_NL__2PRFIN20090502_175538_000000362078_00370_37498_1935.N1 | 02-MAY-2009 17:55:38 | Bright | 35.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 71 | 37498 | No |
| 166 | GOM_NL__2PRFIN20090502_180704_000000452078_00370_37498_1936.N1 | 02-MAY-2009 18:07:04 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37498 | No |
| 167 | GOM_NL__2PRFIN20090502_181059_000000342078_00370_37498_1937.N1 | 02-MAY-2009 18:10:59 | Dark | 34.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 68 | 37498 | No |
| 168 | GOM_NL__2PRFIN20090502_181250_000000492078_00370_37498_1938.N1 | 02-MAY-2009 18:12:50 | Dark | 48.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 97 | 37498 | No |
| 169 | GOM_NL__2PRFIN20090502_183351_000000512078_00371_37499_1941.N1 | 02-MAY-2009 18:33:51 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37499 | No |
| 170 | GOM_NL__2PRFIN20090502_183539_000000552078_00371_37499_1942.N1 | 02-MAY-2009 18:35:39 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37499 | No |
| 171 | GOM_NL__2PRFIN20090502_183840_000000512078_00371_37499_1943.N1 | 02-MAY-2009 18:38:40 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37499 | No |
| 172 | GOM_NL__2PRFIN20090502_184219_000000542078_00371_37499_1944.N1 | 02-MAY-2009 18:42:19 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37499 | No |
| 173 | GOM_NL__2PRFIN20090502_184429_000000502078_00371_37499_1945.N1 | 02-MAY-2009 18:44:29 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37499 | No |
| 174 | GOM_NL__2PRFIN20090502_184734_000000412078_00371_37499_1946.N1 | 02-MAY-2009 18:47:34 | Bright | 41.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 82 | 37499 | No |
| 175 | GOM_NL__2PRFIN20090502_184948_000000472078_00371_37499_1947.N1 | 02-MAY-2009 18:49:48 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37499 | No |
| 176 | GOM_NL__2PRFIN20090502_190144_000000452078_00371_37499_1948.N1 | 02-MAY-2009 19:01:44 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 37499 | No |
| 177 | GOM_NL__2PRFIN20090502_190446_000000422078_00371_37499_1949.N1 | 02-MAY-2009 19:04:46 | Bright | 42.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 84 | 37499 | No |
| 178 | GOM_NL__2PRFIN20090502_191415_000000442078_00371_37499_1950.N1 | 02-MAY-2009 19:14:15 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37499 | No |
| 179 | GOM_NL__2PRFIN20090502_192441_000000372078_00371_37499_1951.N1 | 02-MAY-2009 19:24:41 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37499 | No |
| 180 | GOM_NL__2PRFIN20090502_193614_000000352078_00371_37499_1952.N1 | 02-MAY-2009 19:36:14 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37499 | No |
| 181 | GOM_NL__2PRFIN20090502_194741_000000452078_00371_37499_1953.N1 | 02-MAY-2009 19:47:41 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37499 | No |
| 182 | GOM_NL__2PRFIN20090502_195136_000000342078_00371_37499_1954.N1 | 02-MAY-2009 19:51:36 | Dark | 34.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 68 | 37499 | No |
| 183 | GOM_NL__2PRFIN20090502_195327_000000492078_00371_37499_1955.N1 | 02-MAY-2009 19:53:27 | Dark | 49.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 98 | 37499 | No |
| 184 | GOM_NL__2PRFIN20090502_201428_000000512078_00372_37500_1958.N1 | 02-MAY-2009 20:14:28 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37500 | No |
| 185 | GOM_NL__2PRFIN20090502_201615_000000552078_00372_37500_1959.N1 | 02-MAY-2009 20:16:15 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37500 | No |
| 186 | GOM_NL__2PRFIN20090502_201916_000000522078_00372_37500_1960.N1 | 02-MAY-2009 20:19:16 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37500 | No |
| 187 | GOM_NL__2PRFIN20090502_202256_000000542078_00372_37500_1961.N1 | 02-MAY-2009 20:22:56 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37500 | No |
| 188 | GOM_NL__2PRFIN20090502_202506_000000502078_00372_37500_1962.N1 | 02-MAY-2009 20:25:06 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37500 | No |
| 189 | GOM_NL__2PRFIN20090502_204219_000000462078_00372_37500_1963.N1 | 02-MAY-2009 20:42:19 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 37500 | No |
| 190 | GOM_NL__2PRFIN20090502_204521_000000372078_00372_37500_1964.N1 | 02-MAY-2009 20:45:21 | Bright | 37.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 74 | 37500 | No |
| 191 | GOM_NL__2PRFIN20090502_205450_000000442078_00372_37500_1965.N1 | 02-MAY-2009 20:54:50 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37500 | No |
| 192 | GOM_NL__2PRFIN20090502_210517_000000372078_00372_37500_1966.N1 | 02-MAY-2009 21:05:17 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37500 | No |
| 193 | GOM_NL__2PRFIN20090502_211650_000000352078_00372_37500_1967.N1 | 02-MAY-2009 21:16:50 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37500 | No |
| 194 | GOM_NL__2PRFIN20090502_212818_000000452078_00372_37500_1968.N1 | 02-MAY-2009 21:28:18 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37500 | No |
| 195 | GOM_NL__2PRFIN20090502_213214_000000272078_00372_37500_1969.N1 | 02-MAY-2009 21:32:14 | Dark | 27.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 54 | 37500 | No |
| 196 | GOM_NL__2PRFIN20090502_213404_000000492078_00372_37500_1970.N1 | 02-MAY-2009 21:34:04 | Dark | 48.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 97 | 37500 | No |
| 197 | GOM_NL__2PRFIN20090502_215505_000000502078_00373_37501_1972.N1 | 02-MAY-2009 21:55:05 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37501 | No |
| 198 | GOM_NL__2PRFIN20090502_215652_000000552078_00373_37501_1973.N1 | 02-MAY-2009 21:56:52 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37501 | No |
| 199 | GOM_NL__2PRFIN20090502_215953_000000512078_00373_37501_1974.N1 | 02-MAY-2009 21:59:53 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37501 | No |
| 200 | GOM_NL__2PRFIN20090502_220332_000000542078_00373_37501_1975.N1 | 02-MAY-2009 22:03:32 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37501 | No |
| 201 | GOM_NL__2PRFIN20090502_220542_000000492078_00373_37501_1976.N1 | 02-MAY-2009 22:05:42 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37501 | No |
| 202 | GOM_NL__2PRFIN20090502_222255_000000462078_00373_37501_1977.N1 | 02-MAY-2009 22:22:55 | Bright | 45.500 | 83 | | 2.3780 | 11000. | 91 | 37501 | No |
| 203 | GOM_NL__2PRFIN20090502_222557_000000392078_00373_37501_1978.N1 | 02-MAY-2009 22:25:57 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 37501 | No |
| 204 | GOM_NL__2PRFIN20090502_223525_000000442078_00373_37501_1979.N1 | 02-MAY-2009 22:35:25 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37501 | No |
| 205 | GOM_NL__2PRFIN20090502_224552_000000372078_00373_37501_1980.N1 | 02-MAY-2009 22:45:52 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37501 | No |
| 206 | GOM_NL__2PRFIN20090502_225726_000000362078_00373_37501_1981.N1 | 02-MAY-2009 22:57:26 | Bright | 35.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 71 | 37501 | No |
| 207 | GOM_NL__2PRFIN20090502_230855_000000452078_00373_37501_1982.N1 | 02-MAY-2009 23:08:55 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37501 | No |
| 208 | GOM_NL__2PRFIN20090502_231251_000000272078_00373_37501_1983.N1 | 02-MAY-2009 23:12:51 | Dark | 27.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 54 | 37501 | No |
| 209 | GOM_NL__2PRFIN20090502_231441_000000482078_00373_37501_1984.N1 | 02-MAY-2009 23:14:41 | Dark | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 37501 | No |
| 210 | GOM_NL__2PRFIN20090502_233542_000000502078_00374_37502_2010.N1 | 02-MAY-2009 23:35:42 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37502 | No |
| 211 | GOM_NL__2PRFIN20090502_233729_000000552078_00374_37502_2011.N1 | 02-MAY-2009 23:37:29 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37502 | No |
| 212 | GOM_NL__2PRFIN20090502_234029_000000512078_00374_37502_2012.N1 | 02-MAY-2009 23:40:29 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37502 | No |
| 213 | GOM_NL__2PRFIN20090502_234409_000000532078_00374_37502_2013.N1 | 02-MAY-2009 23:44:09 | Tw_i_and_stray | 53.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 106 | 37502 | No |
| 214 | GOM_NL__2PRFIN20090502_234618_000000502078_00374_37502_2014.N1 | 02-MAY-2009 23:46:18 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37502 | No |

3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of

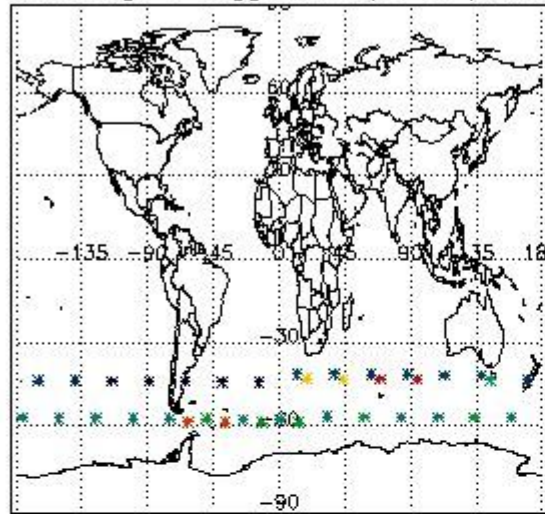
the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

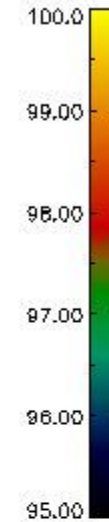
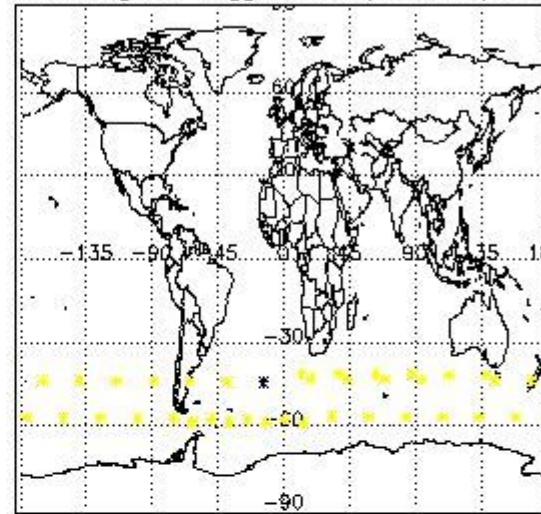


3.2 Plot quality information per product (world map)

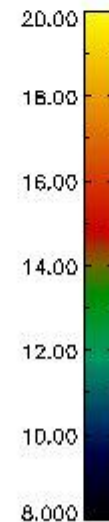
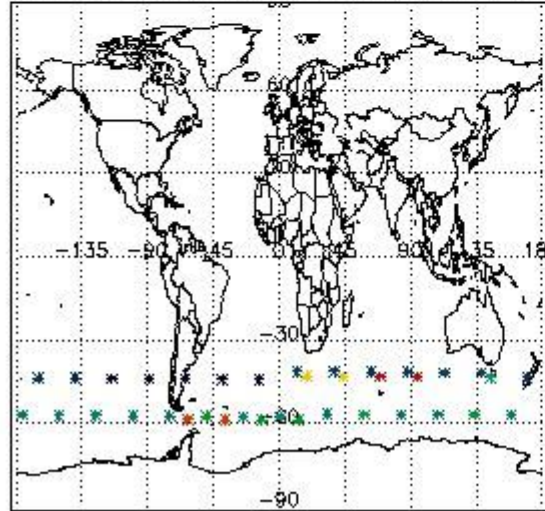
Percentage of flagged data per O3 profile



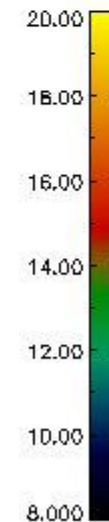
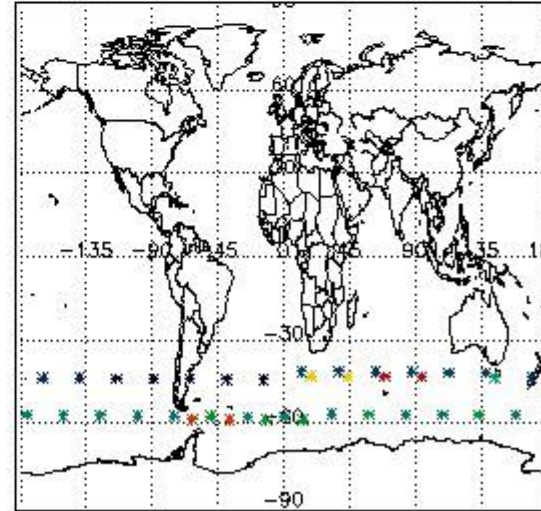
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

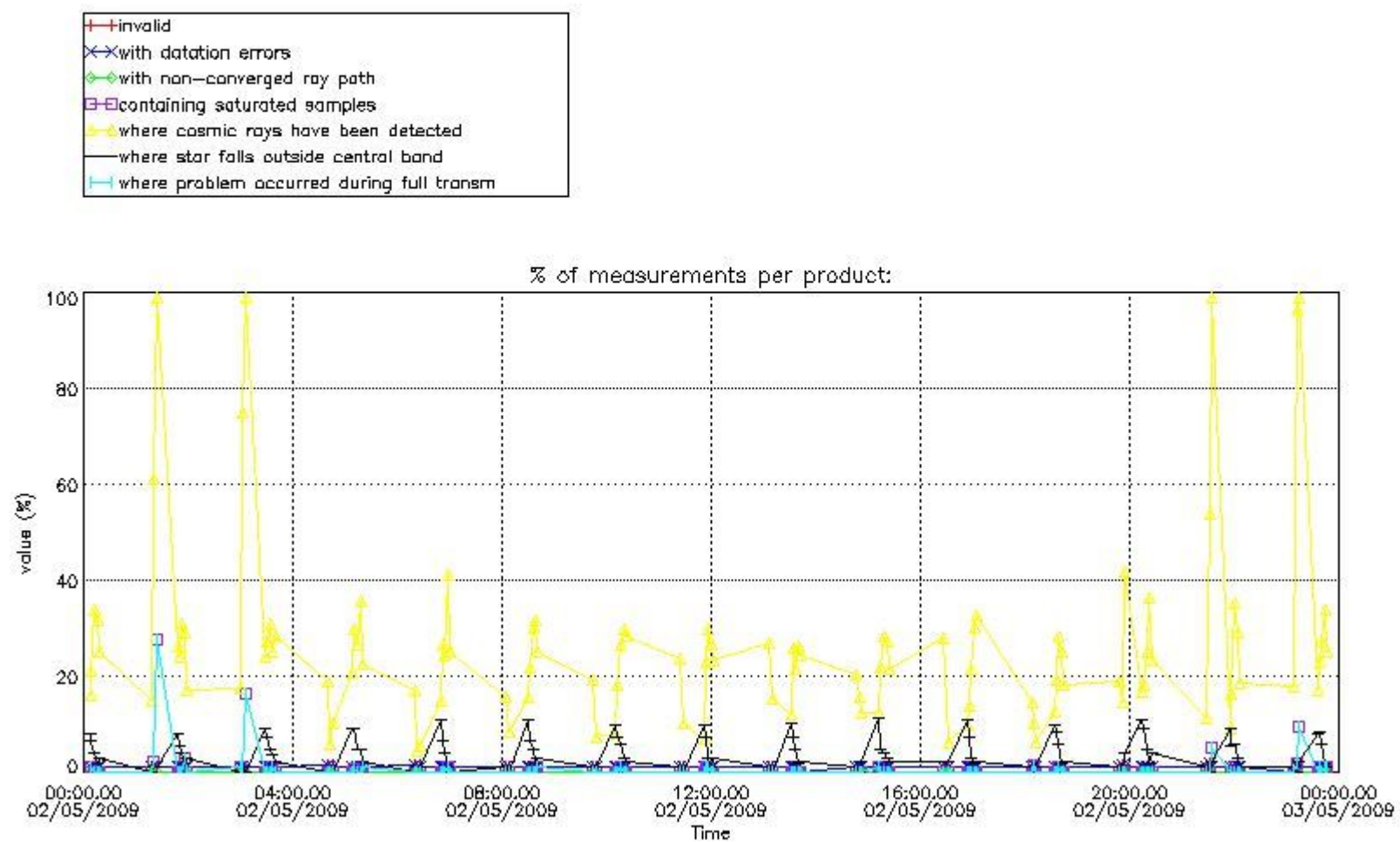


4. Level 1 quality information per product

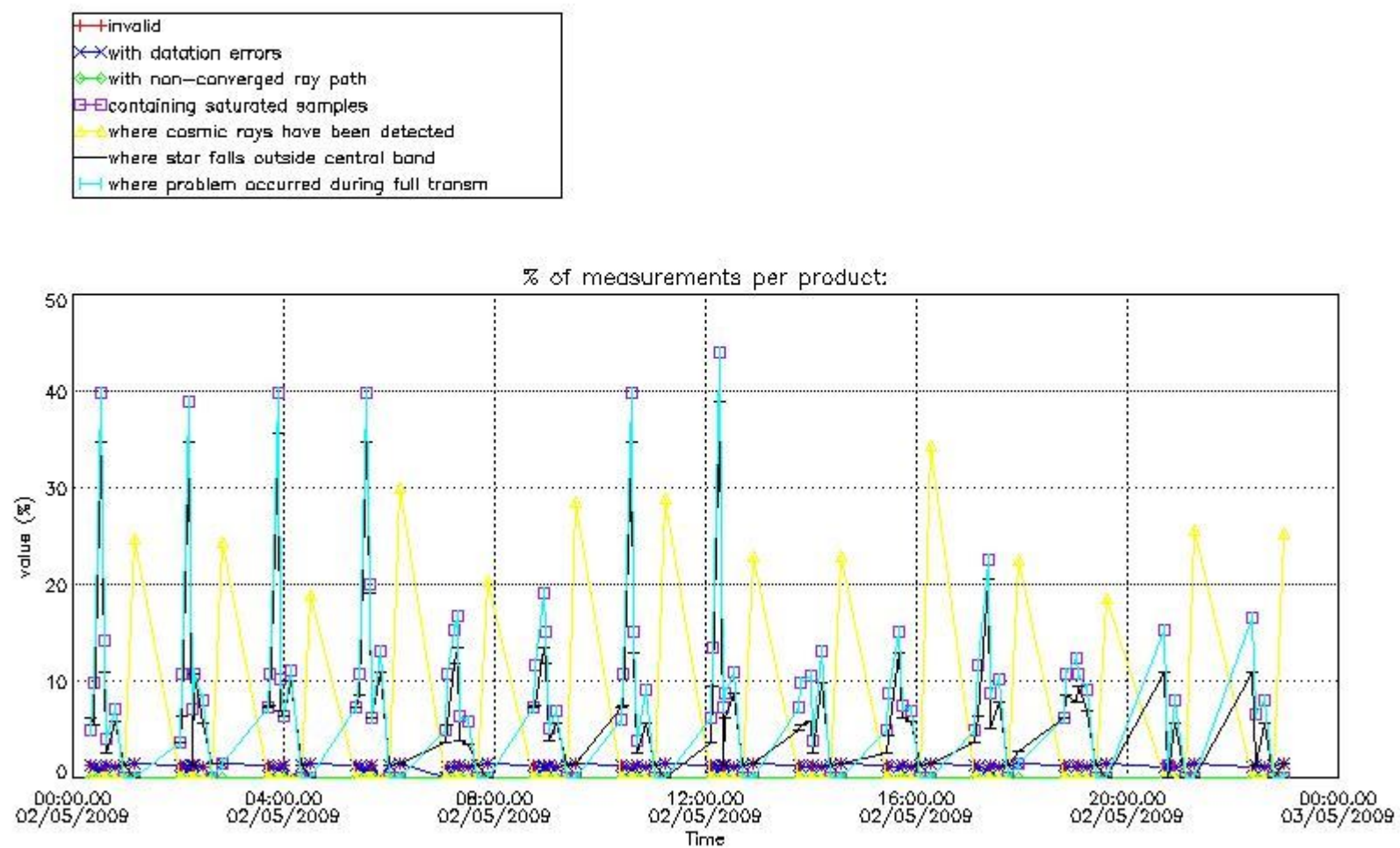
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

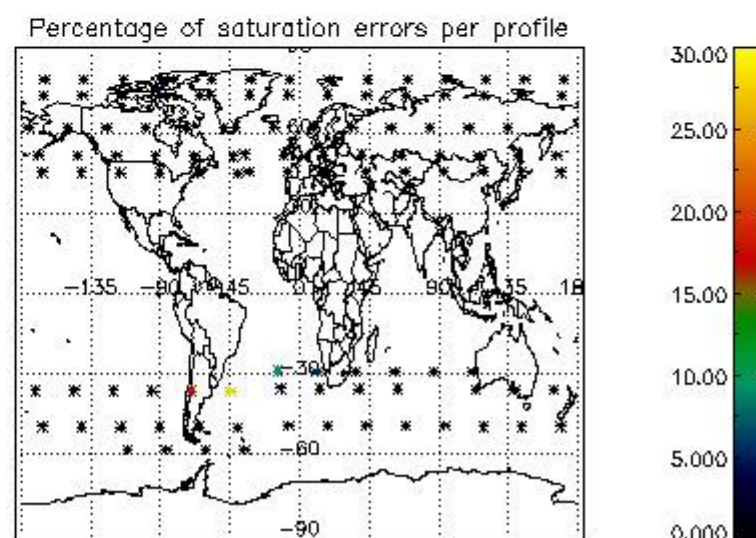
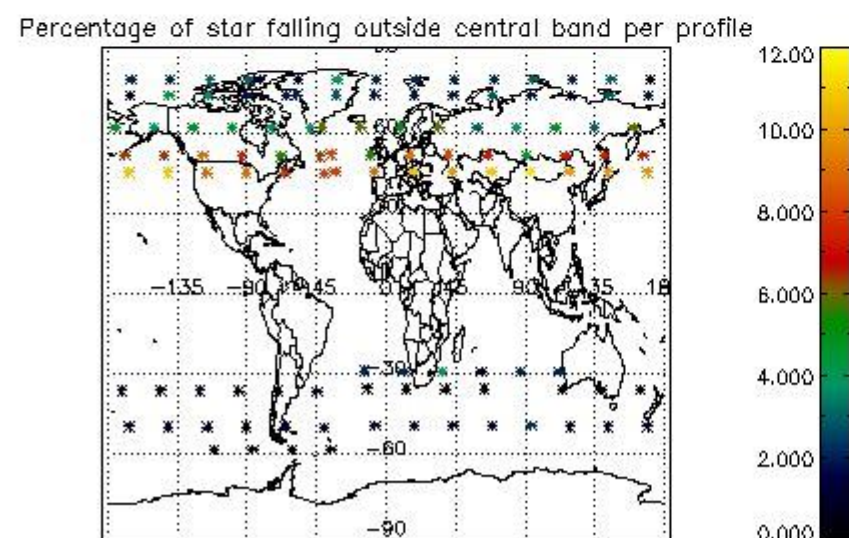
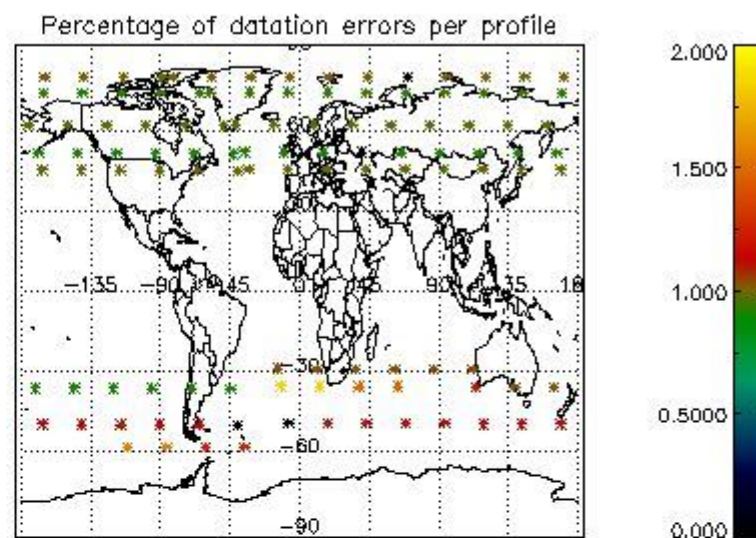
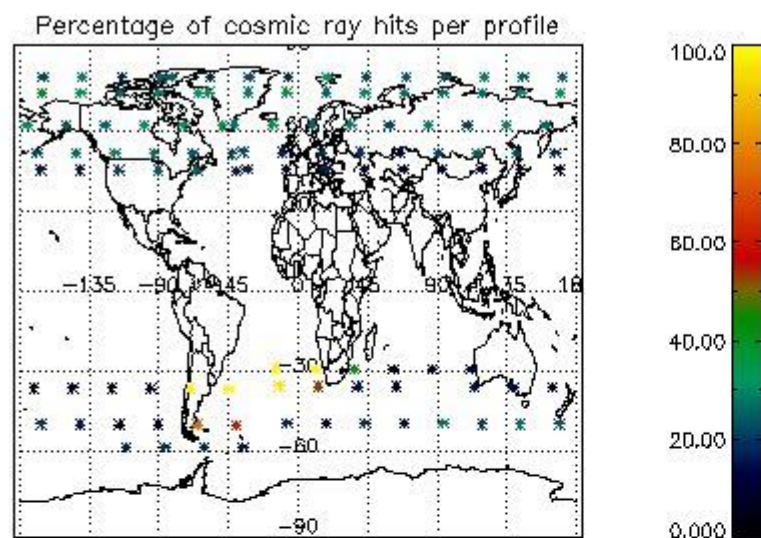


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

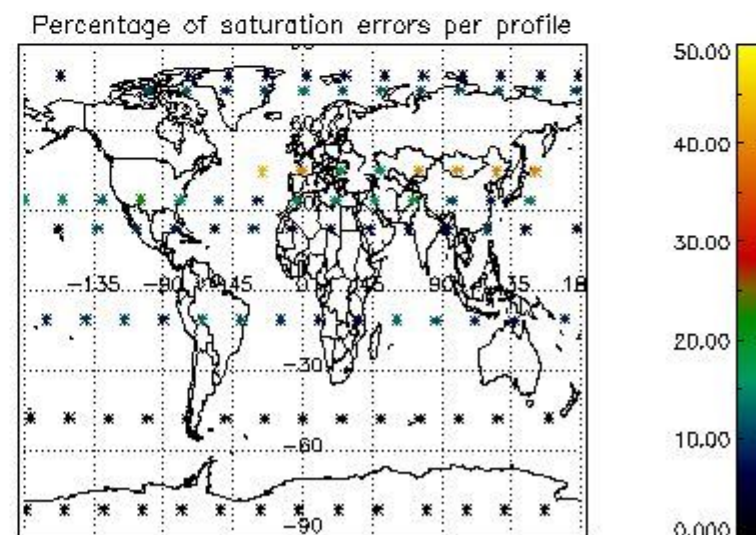
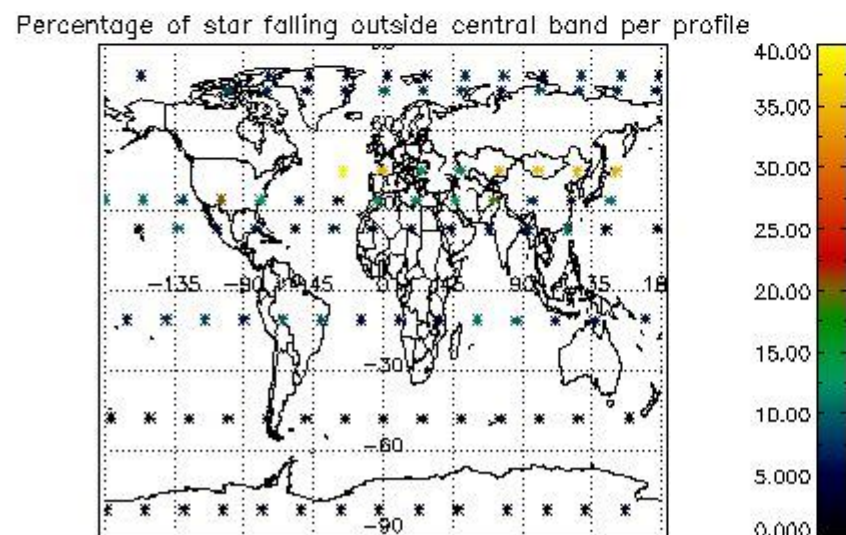
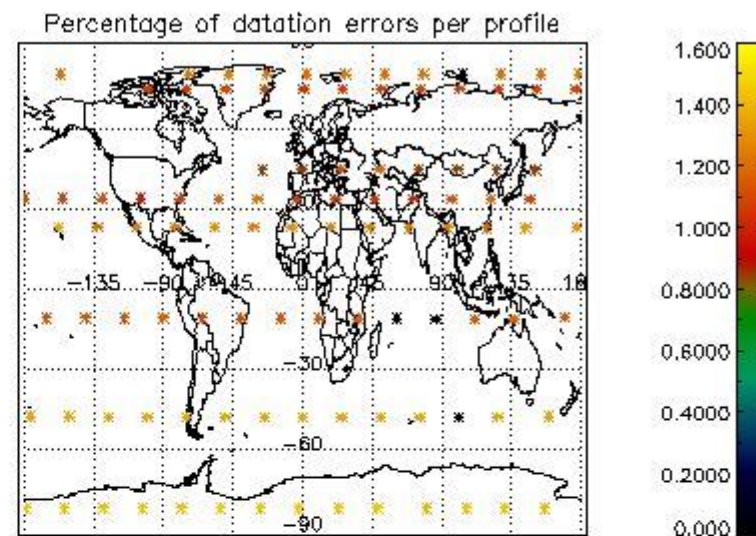
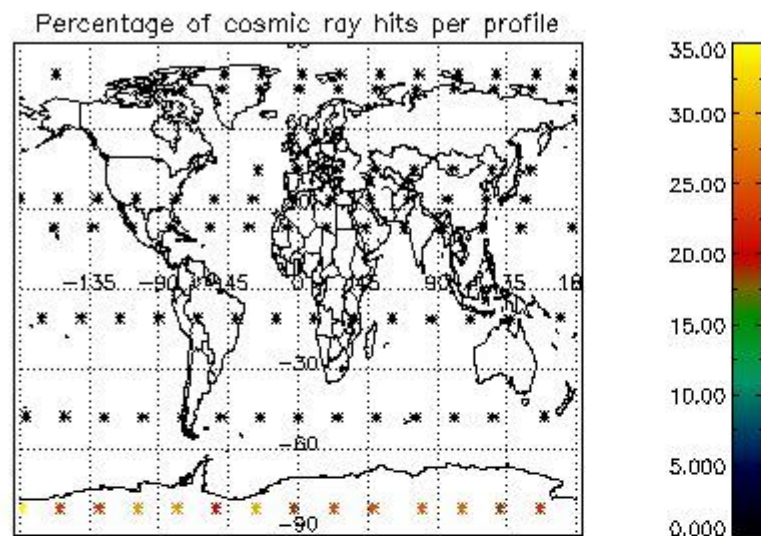


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

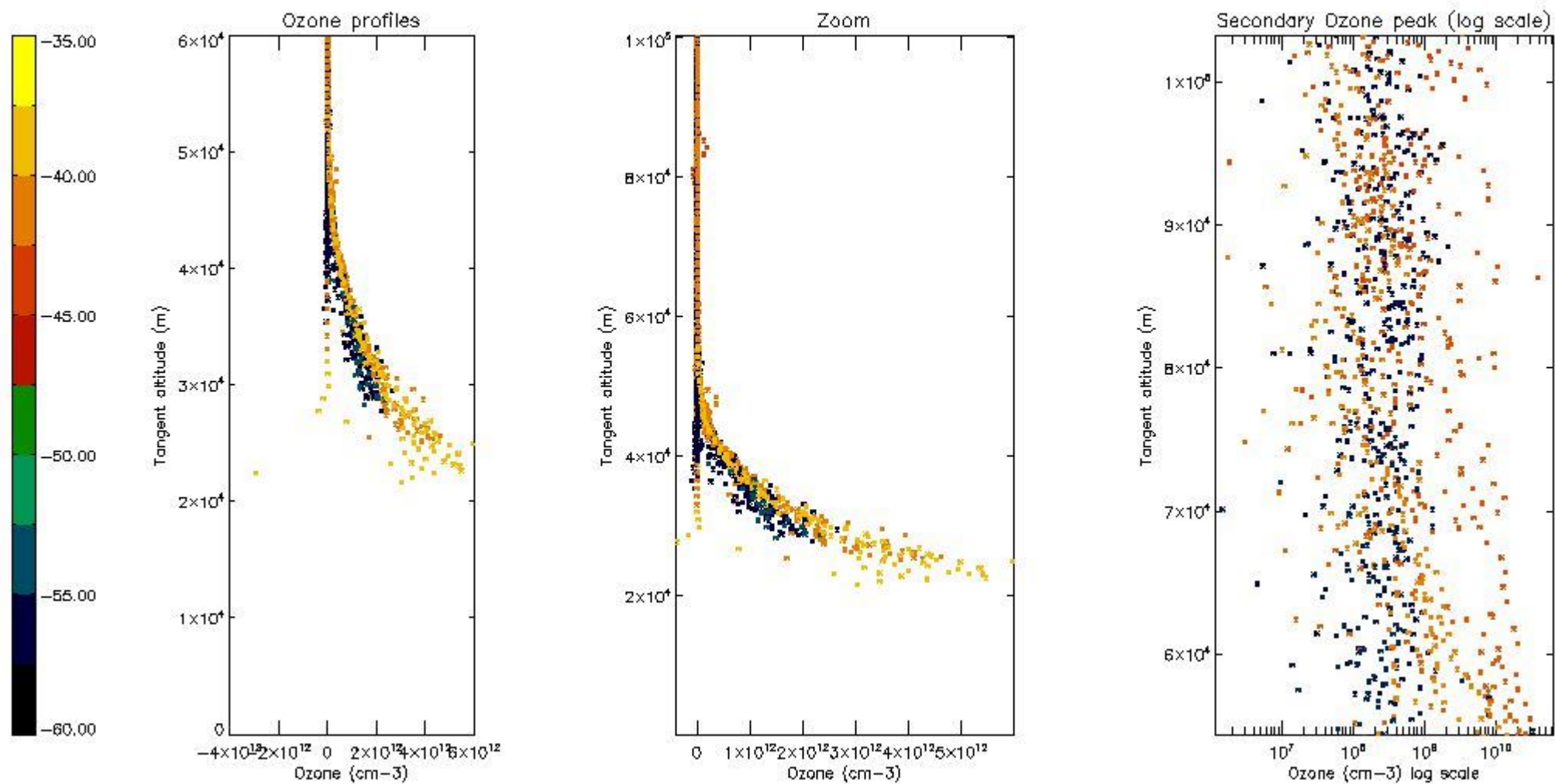
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 17 |
| STD < 20 | 3 |

| | |
|----------|---|
| STD < 10 | 1 |
| STD < 5 | 0 |

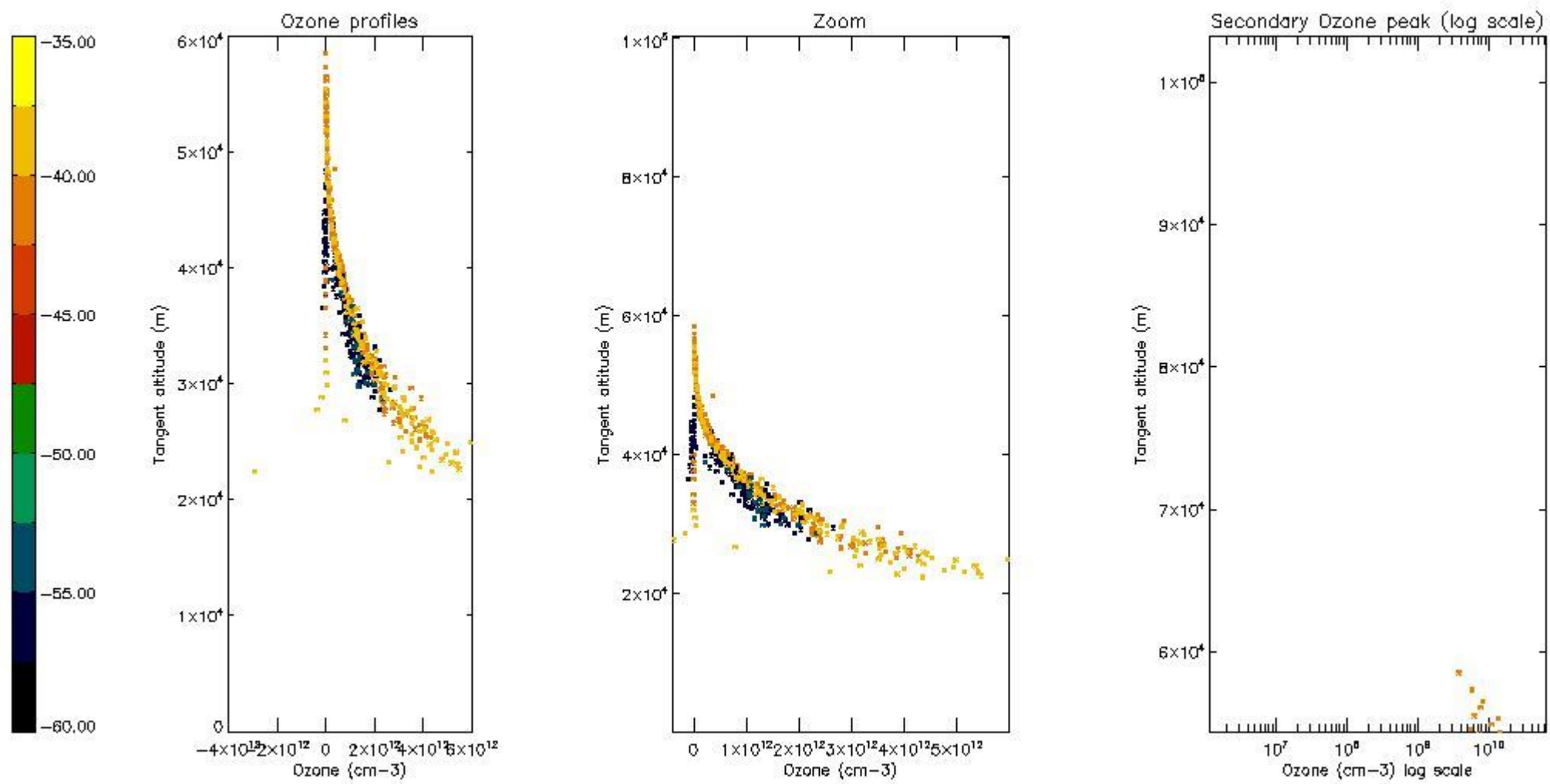
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



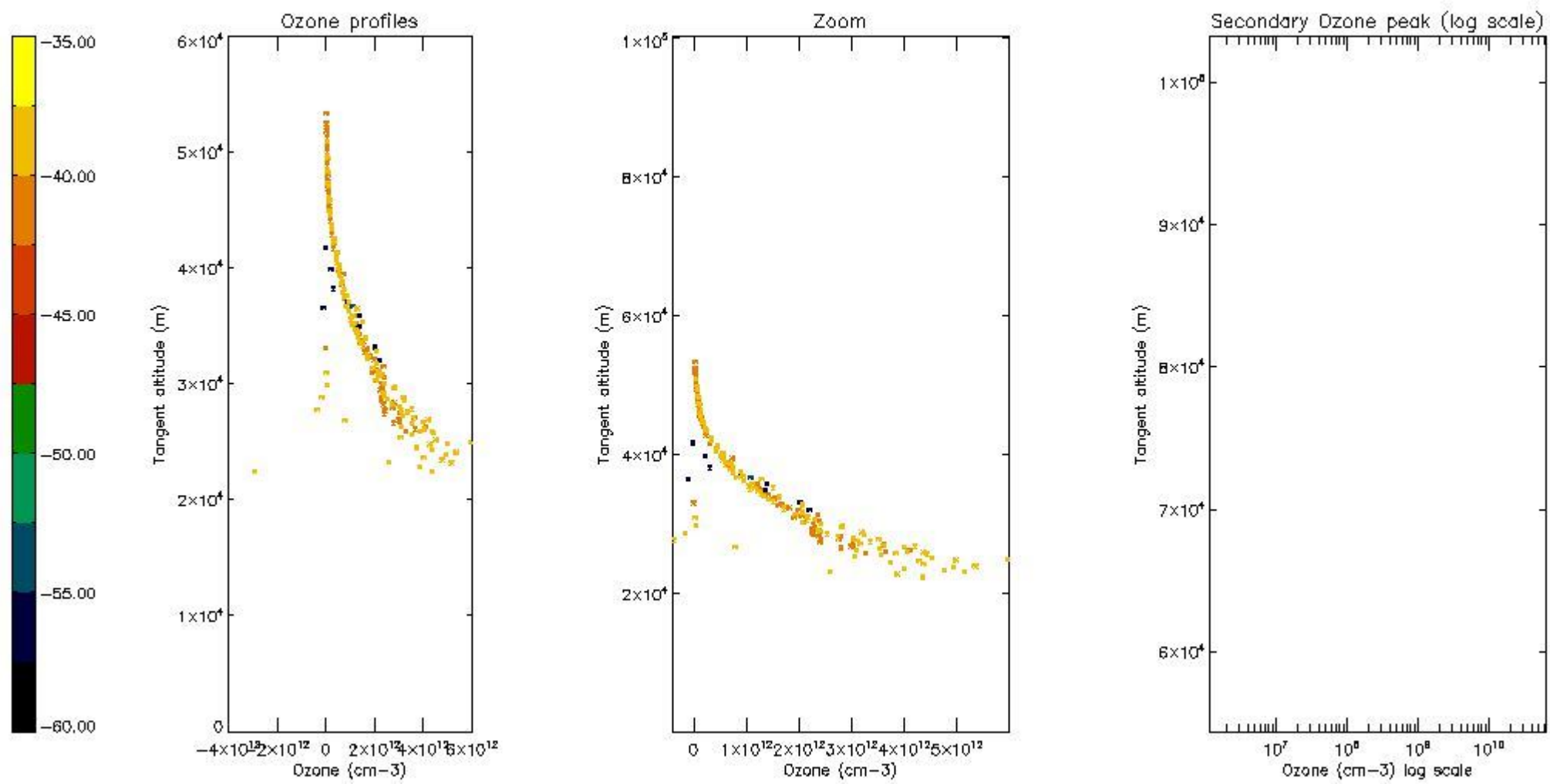
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



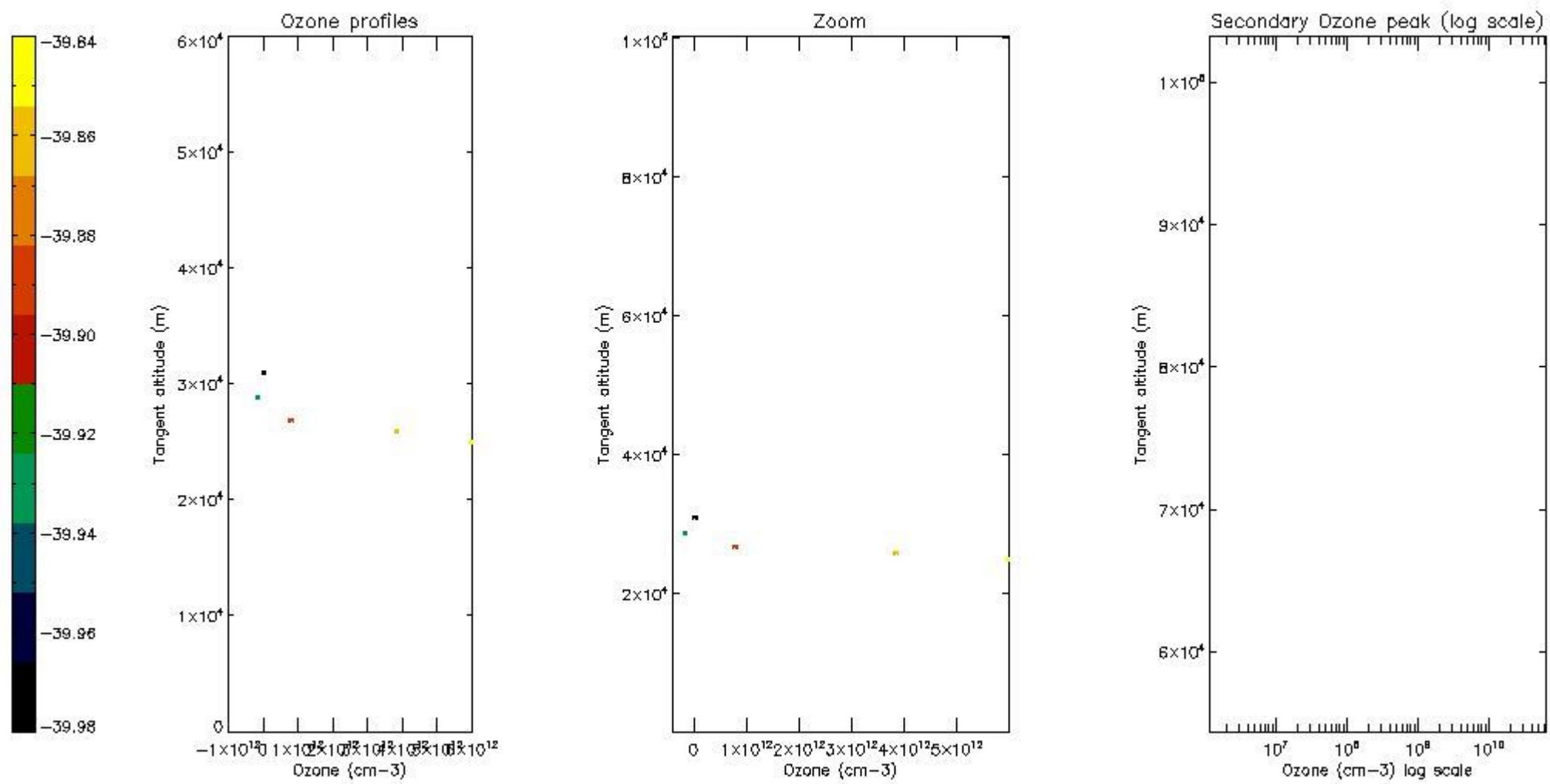
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



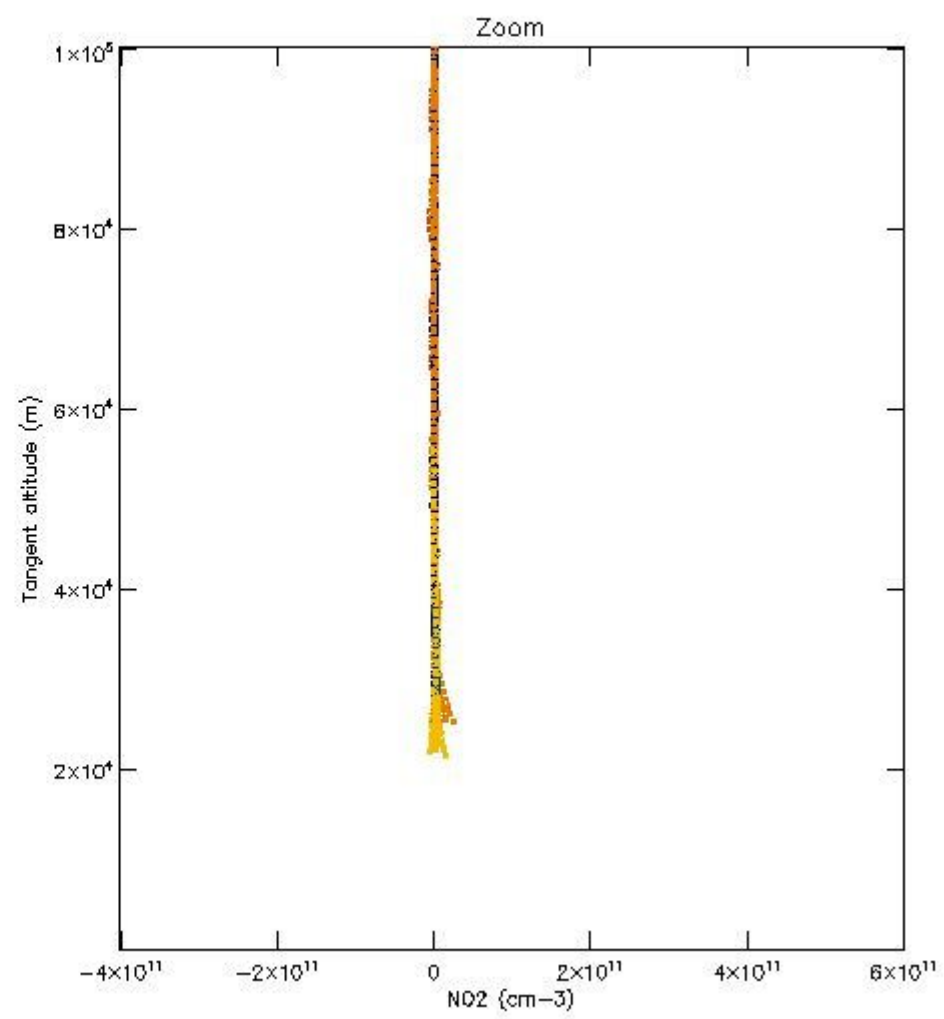
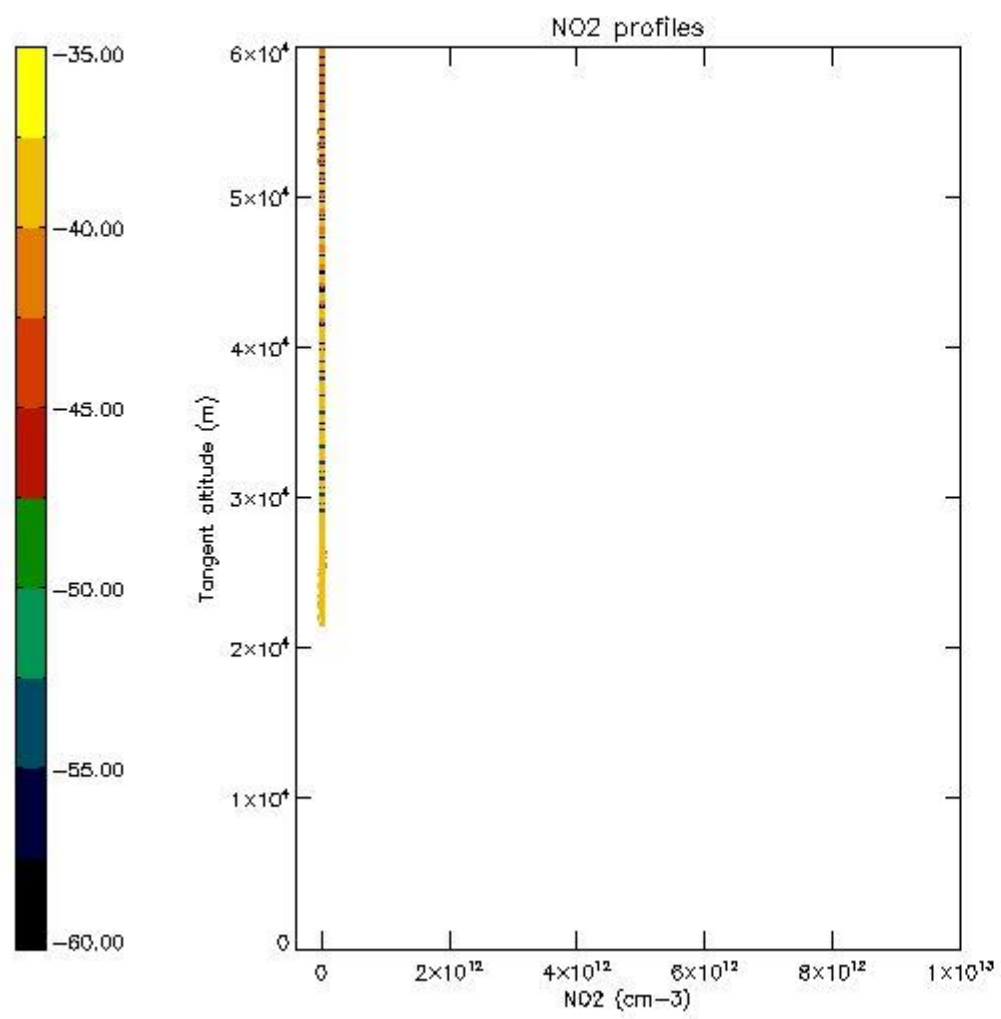
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



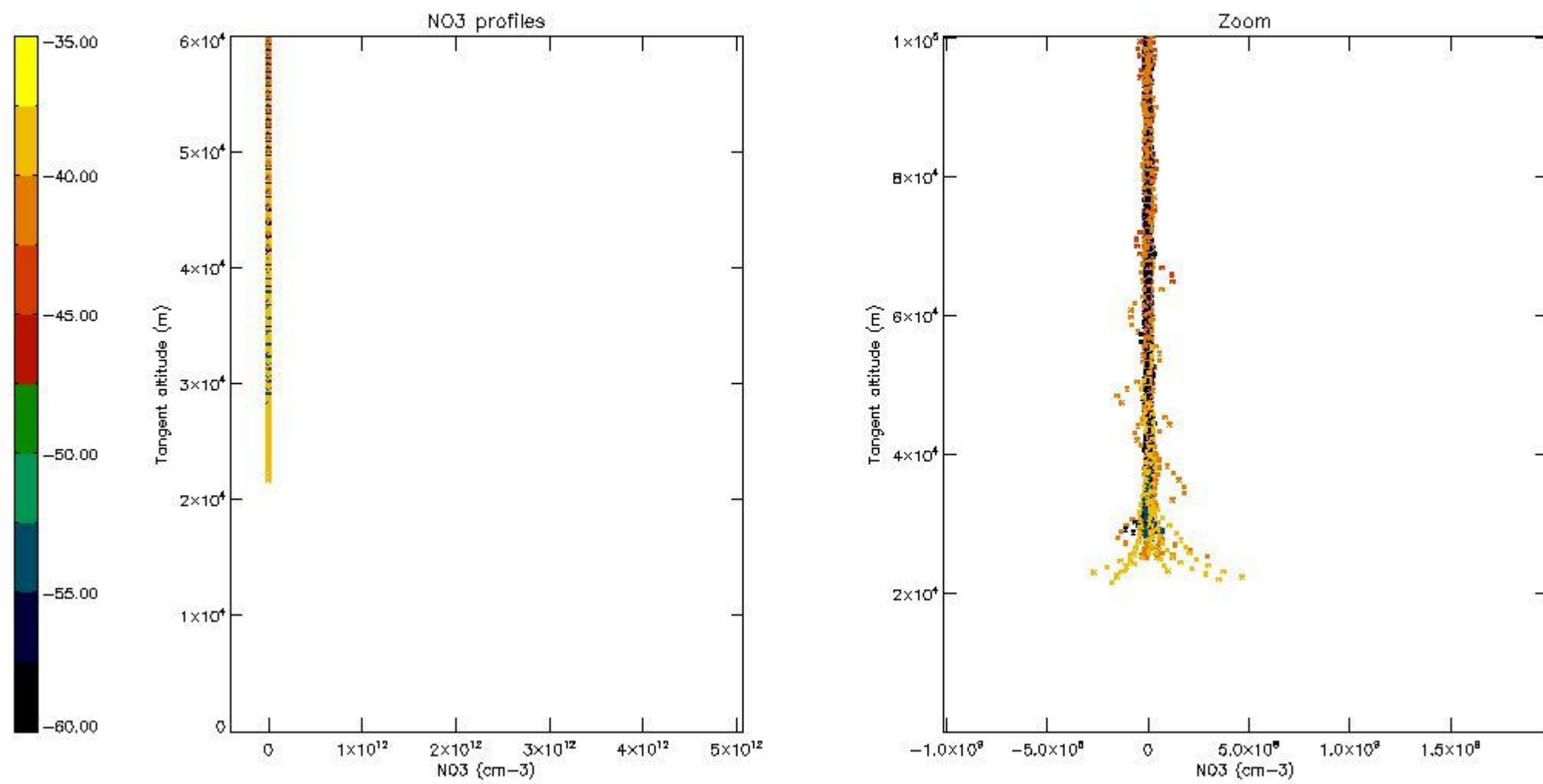
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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 | 02-MAY-2009 00:07:06 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 02-MAY-2009 00:07:06 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 02-MAY-2009 00:07:06 |

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](#)

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 26APR2013 09:13:09 |
| Data source version | GOMOS/6.01 |
| Start time of products | 02-05-2009 (02MAY2009 00:00:00) |
| Stop time of products | 03-05-2009 (03MAY2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 214 |
| 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__2PRFIN20090502_000706_000000502078_00360_37488_1757.N1 | 02-MAY-2009 00:07:06 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37488 | No |
| 2 | GOM_NL__2PRFIN20090502_000852_000000552078_00360_37488_1758.N1 | 02-MAY-2009 00:08:52 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37488 | No |
| 3 | GOM_NL__2PRFIN20090502_001156_000000522078_00360_37488_1759.N1 | 02-MAY-2009 00:11:56 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37488 | No |
| 4 | GOM_NL__2PRFIN20090502_001539_000000542078_00360_37488_1760.N1 | 02-MAY-2009 00:15:39 | Twilight | 54.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 108 | 37488 | No |
| 5 | GOM_NL__2PRFIN20090502_001751_000000502078_00360_37488_1761.N1 | 02-MAY-2009 00:17:51 | Twilight | 50.000 | 80 | 7Del Sco | 2.3160 | 30000. | 100 | 37488 | No |
| 6 | GOM_NL__2PRFIN20090502_002058_000000412078_00360_37488_1762.N1 | 02-MAY-2009 00:20:58 | Bright | 41.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 82 | 37488 | No |
| 7 | GOM_NL__2PRFIN20090502_002313_000000462078_00360_37488_1763.N1 | 02-MAY-2009 00:23:13 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 37488 | No |
| 8 | GOM_NL__2PRFIN20090502_003206_000000592078_00360_37488_1764.N1 | 02-MAY-2009 00:32:06 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37488 | No |
| 9 | GOM_NL__2PRFIN20090502_003513_000000462078_00360_37488_1765.N1 | 02-MAY-2009 00:35:13 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 37488 | No |
| 10 | GOM_NL__2PRFIN20090502_003815_000000382078_00360_37488_1766.N1 | 02-MAY-2009 00:38:15 | Bright | 38.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 76 | 37488 | No |
| 11 | GOM_NL__2PRFIN20090502_004746_000000432078_00360_37488_1767.N1 | 02-MAY-2009 00:47:46 | Bright | 42.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 85 | 37488 | No |
| 12 | GOM_NL__2PRFIN20090502_005809_000000372078_00360_37488_1768.N1 | 02-MAY-2009 00:58:09 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37488 | No |
| 13 | GOM_NL__2PRFIN20090502_010936_000000352078_00360_37488_1769.N1 | 02-MAY-2009 01:09:36 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37488 | No |
| 14 | GOM_NL__2PRFIN20090502_011831_000000402078_00360_37488_1770.N1 | 02-MAY-2009 01:18:31 | Dark | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 37488 | No |
| 15 | GOM_NL__2PRFIN20090502_012056_000000442078_00360_37488_1771.N1 | 02-MAY-2009 01:20:56 | Dark | 43.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 87 | 37488 | No |
| 16 | GOM_NL__2PRFIN20090502_012447_000000552078_00360_37488_1772.N1 | 02-MAY-2009 01:24:47 | Dark | 54.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 109 | 37488 | No |
| 17 | GOM_NL__2PRFIN20090502_014743_000000502078_00361_37489_1773.N1 | 02-MAY-2009 01:47:43 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37489 | No |
| 18 | GOM_NL__2PRFIN20090502_014929_000000552078_00361_37489_1774.N1 | 02-MAY-2009 01:49:29 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37489 | No |
| 19 | GOM_NL__2PRFIN20090502_015233_000000522078_00361_37489_1775.N1 | 02-MAY-2009 01:52:33 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37489 | No |
| 20 | GOM_NL__2PRFIN20090502_015615_000000542078_00361_37489_1776.N1 | 02-MAY-2009 01:56:15 | Twilight | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37489 | No |
| 21 | GOM_NL__2PRFIN20090502_015827_000000502078_00361_37489_1777.N1 | 02-MAY-2009 01:58:27 | Twilight | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37489 | No |
| 22 | GOM_NL__2PRFIN20090502_020134_000000412078_00361_37489_1778.N1 | 02-MAY-2009 02:01:34 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37489 | No |
| 23 | GOM_NL__2PRFIN20090502_020349_000000472078_00361_37489_1779.N1 | 02-MAY-2009 02:03:49 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37489 | No |
| 24 | GOM_NL__2PRFIN20090502_021242_000000592078_00361_37489_1780.N1 | 02-MAY-2009 02:12:42 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37489 | No |
| 25 | GOM_NL__2PRFIN20090502_021549_000000422078_00361_37489_1781.N1 | 02-MAY-2009 02:15:49 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 37489 | No |
| 26 | GOM_NL__2PRFIN20090502_021850_000000422078_00361_37489_1782.N1 | 02-MAY-2009 02:18:50 | Bright | 42.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 84 | 37489 | No |
| 27 | GOM_NL__2PRFIN20090502_022821_000000442078_00361_37489_1783.N1 | 02-MAY-2009 02:28:21 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37489 | No |
| 28 | GOM_NL__2PRFIN20090502_023845_000000372078_00361_37489_1784.N1 | 02-MAY-2009 02:38:45 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 37489 | No |
| 29 | GOM_NL__2PRFIN20090502_025013_000000352078_00361_37489_1785.N1 | 02-MAY-2009 02:50:13 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37489 | No |
| 30 | GOM_NL__2PRFIN20090502_025908_000000402078_00361_37489_1786.N1 | 02-MAY-2009 02:59:08 | Dark | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 37489 | No |
| 31 | GOM_NL__2PRFIN20090502_030133_000000442078_00361_37489_1787.N1 | 02-MAY-2009 03:01:33 | Dark | 44.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 88 | 37489 | No |
| 32 | GOM_NL__2PRFIN20090502_030524_000000552078_00361_37489_1788.N1 | 02-MAY-2009 03:05:24 | Dark | 54.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 109 | 37489 | No |
| 33 | GOM_NL__2PRFIN20090502_032820_000000502078_00362_37490_1789.N1 | 02-MAY-2009 03:28:20 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37490 | No |
| 34 | GOM_NL__2PRFIN20090502_033006_000000552078_00362_37490_1790.N1 | 02-MAY-2009 03:30:06 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37490 | No |
| 35 | GOM_NL__2PRFIN20090502_033309_000000522078_00362_37490_1791.N1 | 02-MAY-2009 03:33:09 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37490 | No |
| 36 | GOM_NL__2PRFIN20090502_033652_000000542078_00362_37490_1792.N1 | 02-MAY-2009 03:36:52 | Twilight | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37490 | No |
| 37 | GOM_NL__2PRFIN20090502_033903_000000502078_00362_37490_1793.N1 | 02-MAY-2009 03:39:03 | Twilight | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37490 | No |
| 38 | GOM_NL__2PRFIN20090502_034210_000000422078_00362_37490_1794.N1 | 02-MAY-2009 03:42:10 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37490 | No |
| 39 | GOM_NL__2PRFIN20090502_034425_000000472078_00362_37490_1795.N1 | 02-MAY-2009 03:44:25 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37490 | No |
| 40 | GOM_NL__2PRFIN20090502_035317_000000592078_00362_37490_1796.N1 | 02-MAY-2009 03:53:17 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37490 | No |
| 41 | GOM_NL__2PRFIN20090502_035624_000000442078_00362_37490_1797.N1 | 02-MAY-2009 03:56:24 | Bright | 44.000 | 83 | | 2.3780 | 11000. | 88 | 37490 | No |
| 42 | GOM_NL__2PRFIN20090502_035926_000000402078_00362_37490_1798.N1 | 02-MAY-2009 03:59:26 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 37490 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20090502_040857_000000452078_00362_37490_1799.N1 | 02-MAY-2009 04:08:57 | Bright | 45.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 90 | 37490 | No |
| 44 | GOM_NL__2PRFIN20090502_041920_000000372078_00362_37490_1800.N1 | 02-MAY-2009 04:19:20 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37490 | No |
| 45 | GOM_NL__2PRFIN20090502_043049_000000352078_00362_37490_1801.N1 | 02-MAY-2009 04:30:49 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37490 | No |
| 46 | GOM_NL__2PRFIN20090502_043945_000000322078_00362_37490_1802.N1 | 02-MAY-2009 04:39:45 | Dark | 32.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 64 | 37490 | No |
| 47 | GOM_NL__2PRFIN20090502_044210_000000442078_00362_37490_1803.N1 | 02-MAY-2009 04:42:10 | Dark | 44.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 88 | 37490 | No |
| 48 | GOM_NL__2PRFIN20090502_044601_000000552078_00362_37490_1804.N1 | 02-MAY-2009 04:46:01 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37490 | No |
| 49 | GOM_NL__2PRFIN20090502_050857_000000512078_00363_37491_1803.N1 | 02-MAY-2009 05:08:57 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37491 | No |
| 50 | GOM_NL__2PRFIN20090502_051043_000000562078_00363_37491_1804.N1 | 02-MAY-2009 05:10:43 | Straylight | 55.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 111 | 37491 | No |
| 51 | GOM_NL__2PRFIN20090502_051346_000000512078_00363_37491_1805.N1 | 02-MAY-2009 05:13:46 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37491 | No |
| 52 | GOM_NL__2PRFIN20090502_051728_000000552078_00363_37491_1806.N1 | 02-MAY-2009 05:17:28 | Twi_and_stray | 54.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 109 | 37491 | No |
| 53 | GOM_NL__2PRFIN20090502_051940_000000492078_00363_37491_1807.N1 | 02-MAY-2009 05:19:40 | Twi_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37491 | No |
| 54 | GOM_NL__2PRFIN20090502_052246_000000422078_00363_37491_1808.N1 | 02-MAY-2009 05:22:46 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37491 | No |
| 55 | GOM_NL__2PRFIN20090502_052501_000000472078_00363_37491_1809.N1 | 02-MAY-2009 05:25:01 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37491 | No |
| 56 | GOM_NL__2PRFIN20090502_053353_000000592078_00363_37491_1810.N1 | 02-MAY-2009 05:33:53 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37491 | No |
| 57 | GOM_NL__2PRFIN20090502_053700_000000502078_00363_37491_1811.N1 | 02-MAY-2009 05:37:00 | Bright | 50.000 | 83 | | 2.3780 | 11000. | 100 | 37491 | No |
| 58 | GOM_NL__2PRFIN20090502_054001_000000402078_00363_37491_1812.N1 | 02-MAY-2009 05:40:01 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 37491 | No |
| 59 | GOM_NL__2PRFIN20090502_054932_000000462078_00363_37491_1813.N1 | 02-MAY-2009 05:49:32 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37491 | No |
| 60 | GOM_NL__2PRFIN20090502_055956_000000372078_00363_37491_1814.N1 | 02-MAY-2009 05:59:56 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37491 | No |
| 61 | GOM_NL__2PRFIN20090502_061125_000000352078_00363_37491_1815.N1 | 02-MAY-2009 06:11:25 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37491 | No |
| 62 | GOM_NL__2PRFIN20090502_062022_000000322078_00363_37491_1816.N1 | 02-MAY-2009 06:20:22 | Dark | 32.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 64 | 37491 | No |
| 63 | GOM_NL__2PRFIN20090502_062247_000000452078_00363_37491_1817.N1 | 02-MAY-2009 06:22:47 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37491 | No |
| 64 | GOM_NL__2PRFIN20090502_062638_000000552078_00363_37491_1818.N1 | 02-MAY-2009 06:26:38 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37491 | No |
| 65 | GOM_NL__2PRFIN20090502_064933_000000512078_00364_37492_1838.N1 | 02-MAY-2009 06:49:33 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37492 | No |
| 66 | GOM_NL__2PRFIN20090502_065120_000000552078_00364_37492_1839.N1 | 02-MAY-2009 06:51:20 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37492 | No |
| 67 | GOM_NL__2PRFIN20090502_065423_000000512078_00364_37492_1840.N1 | 02-MAY-2009 06:54:23 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37492 | No |
| 68 | GOM_NL__2PRFIN20090502_065804_000000542078_00364_37492_1841.N1 | 02-MAY-2009 06:58:04 | Twi_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37492 | No |
| 69 | GOM_NL__2PRFIN20090502_070015_000000502078_00364_37492_1842.N1 | 02-MAY-2009 07:00:15 | Twi_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37492 | No |
| 70 | GOM_NL__2PRFIN20090502_070322_000000412078_00364_37492_1843.N1 | 02-MAY-2009 07:03:22 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37492 | No |
| 71 | GOM_NL__2PRFIN20090502_070536_000000472078_00364_37492_1844.N1 | 02-MAY-2009 07:05:36 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37492 | No |
| 72 | GOM_NL__2PRFIN20090502_071429_000000432078_00364_37492_1845.N1 | 02-MAY-2009 07:14:29 | Bright | 42.500 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 85 | 37492 | No |
| 73 | GOM_NL__2PRFIN20090502_071735_000000482078_00364_37492_1846.N1 | 02-MAY-2009 07:17:35 | Bright | 48.000 | 83 | | 2.3780 | 11000. | 96 | 37492 | No |
| 74 | GOM_NL__2PRFIN20090502_072037_000000402078_00364_37492_1847.N1 | 02-MAY-2009 07:20:37 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 37492 | No |
| 75 | GOM_NL__2PRFIN20090502_073008_000000432078_00364_37492_1848.N1 | 02-MAY-2009 07:30:08 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 37492 | No |
| 76 | GOM_NL__2PRFIN20090502_074032_000000372078_00364_37492_1849.N1 | 02-MAY-2009 07:40:32 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37492 | No |
| 77 | GOM_NL__2PRFIN20090502_075201_000000352078_00364_37492_1850.N1 | 02-MAY-2009 07:52:01 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37492 | No |
| 78 | GOM_NL__2PRFIN20090502_080324_000000452078_00364_37492_1851.N1 | 02-MAY-2009 08:03:24 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37492 | No |
| 79 | GOM_NL__2PRFIN20090502_080715_000000552078_00364_37492_1852.N1 | 02-MAY-2009 08:07:15 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37492 | No |
| 80 | GOM_NL__2PRFIN20090502_083010_000000512078_00365_37493_1852.N1 | 02-MAY-2009 08:30:10 | Straylight | 51.000 | 40 | The Sco | 1.8590 | 7100.0 | 102 | 37493 | No |
| 81 | GOM_NL__2PRFIN20090502_083157_000000552078_00365_37493_1853.N1 | 02-MAY-2009 08:31:57 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37493 | No |
| 82 | GOM_NL__2PRFIN20090502_083500_000000522078_00365_37493_1854.N1 | 02-MAY-2009 08:35:00 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37493 | No |
| 83 | GOM_NL__2PRFIN20090502_083841_000000542078_00365_37493_1855.N1 | 02-MAY-2009 08:38:41 | Twi_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37493 | No |
| 84 | GOM_NL__2PRFIN20090502_084052_000000502078_00365_37493_1856.N1 | 02-MAY-2009 08:40:52 | Twi_and_stray | 50.000 | 80 | 7Del Sco | 2.3160 | 30000. | 100 | 37493 | No |
| 85 | GOM_NL__2PRFIN20090502_084358_000000422078_00365_37493_1857.N1 | 02-MAY-2009 08:43:58 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37493 | No |
| 86 | GOM_NL__2PRFIN20090502_084612_000000472078_00365_37493_1858.N1 | 02-MAY-2009 08:46:12 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 37493 | No |
| 87 | GOM_NL__2PRFIN20090502_085504_000000452078_00365_37493_1859.N1 | 02-MAY-2009 08:55:04 | Bright | 44.500 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 89 | 37493 | No |
| 88 | GOM_NL__2PRFIN20090502_085810_000000472078_00365_37493_1860.N1 | 02-MAY-2009 08:58:10 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 37493 | No |
| 89 | GOM_NL__2PRFIN20090502_090112_000000402078_00365_37493_1861.N1 | 02-MAY-2009 09:01:12 | Bright | 39.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 79 | 37493 | No |
| 90 | GOM_NL__2PRFIN20090502_091043_000000442078_00365_37493_1862.N1 | 02-MAY-2009 09:10:43 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37493 | No |
| 91 | GOM_NL__2PRFIN20090502_092107_000000372078_00365_37493_1863.N1 | 02-MAY-2009 09:21:07 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37493 | No |
| 92 | GOM_NL__2PRFIN20090502_093237_000000352078_00365_37493_1864.N1 | 02-MAY-2009 09:32:37 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37493 | No |
| 93 | GOM_NL__2PRFIN20090502_094400_000000442078_00365_37493_1865.N1 | 02-MAY-2009 09:44:00 | Dark | 44.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 88 | 37493 | No |
| 94 | GOM_NL__2PRFIN20090502_094753_000000552078_00365_37493_1866.N1 | 02-MAY-2009 09:47:53 | Dark | 55.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 110 | 37493 | No |
| 95 | GOM_NL__2PRFIN20090502_101047_000000512078_00366_37494_1866.N1 | 02-MAY-2009 10:10:47 | Straylight | 51.000 | 40 | The Sco | 1.8590 | 7100.0 | 102 | 37494 | No |
| 96 | GOM_NL__2PRFIN20090502_101234_000000552078_00366_37494_1867.N1 | 02-MAY-2009 10:12:34 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37494 | No |
| 97 | GOM_NL__2PRFIN20090502_101536_000000512078_00366_37494_1868.N1 | 02-MAY-2009 10:15:36 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37494 | No |
| 98 | GOM_NL__2PRFIN20090502_101917_000000542078_00366_37494_1869.N1 | 02-MAY-2009 10:19:17 | Twi_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37494 | No |
| 99 | GOM_NL__2PRFIN20090502_102128_000000502078_00366_37494_1870.N1 | 02-MAY-2009 10:21:28 | Twi_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37494 | No |
| 100 | GOM_NL__2PRFIN20090502_102434_000000422078_00366_37494_1871.N1 | 02-MAY-2009 10:24:34 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37494 | No |
| 101 | GOM_NL__2PRFIN20090502_102648_000000472078_00366_37494_1872.N1 | 02-MAY-2009 10:26:48 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 37494 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20090502_103540_000000592078_00366_37494_1873.N1 | 02-MAY-2009 10:35:40 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37494 | No |
| 103 | GOM_NL__2PRFIN20090502_103846_000000472078_00366_37494_1874.N1 | 02-MAY-2009 10:38:46 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 37494 | No |
| 104 | GOM_NL__2PRFIN20090502_104148_000000392078_00366_37494_1875.N1 | 02-MAY-2009 10:41:48 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 37494 | No |
| 105 | GOM_NL__2PRFIN20090502_105118_000000442078_00366_37494_1876.N1 | 02-MAY-2009 10:51:18 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37494 | No |
| 106 | GOM_NL__2PRFIN20090502_110143_000000372078_00366_37494_1877.N1 | 02-MAY-2009 11:01:43 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37494 | No |
| 107 | GOM_NL__2PRFIN20090502_111313_000000352078_00366_37494_1878.N1 | 02-MAY-2009 11:13:13 | Bright | 34.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 69 | 37494 | No |
| 108 | GOM_NL__2PRFIN20090502_112437_000000452078_00366_37494_1879.N1 | 02-MAY-2009 11:24:37 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37494 | No |
| 109 | GOM_NL__2PRFIN20090502_112830_000000492078_00366_37494_1880.N1 | 02-MAY-2009 11:28:30 | Dark | 49.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 98 | 37494 | No |
| 110 | GOM_NL__2PRFIN20090502_115124_000000512078_00367_37495_1880.N1 | 02-MAY-2009 11:51:24 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37495 | No |
| 111 | GOM_NL__2PRFIN20090502_115311_000000552078_00367_37495_1881.N1 | 02-MAY-2009 11:53:11 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37495 | No |
| 112 | GOM_NL__2PRFIN20090502_115613_000000512078_00367_37495_1882.N1 | 02-MAY-2009 11:56:13 | Straylight | 50.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 101 | 37495 | No |
| 113 | GOM_NL__2PRFIN20090502_115953_000000532078_00367_37495_1883.N1 | 02-MAY-2009 11:59:53 | Tw_i_and_stray | 53.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 106 | 37495 | No |
| 114 | GOM_NL__2PRFIN20090502_120204_000000502078_00367_37495_1884.N1 | 02-MAY-2009 12:02:04 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37495 | No |
| 115 | GOM_NL__2PRFIN20090502_120510_000000412078_00367_37495_1885.N1 | 02-MAY-2009 12:05:10 | Bright | 41.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 82 | 37495 | No |
| 116 | GOM_NL__2PRFIN20090502_120724_000000482078_00367_37495_1886.N1 | 02-MAY-2009 12:07:24 | Bright | 48.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 96 | 37495 | No |
| 117 | GOM_NL__2PRFIN20090502_121618_000000592078_00367_37495_1887.N1 | 02-MAY-2009 12:16:18 | Bright | 59.000 | 3 | 16Alp Boo | -0.050000 | 4250.0 | 118 | 37495 | No |
| 118 | GOM_NL__2PRFIN20090502_121921_000000422078_00367_37495_1888.N1 | 02-MAY-2009 12:19:21 | Bright | 41.500 | 83 | | 2.3780 | 11000. | 83 | 37495 | No |
| 119 | GOM_NL__2PRFIN20090502_122223_000000412078_00367_37495_1889.N1 | 02-MAY-2009 12:22:23 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 37495 | No |
| 120 | GOM_NL__2PRFIN20090502_123154_000000462078_00367_37495_1890.N1 | 02-MAY-2009 12:31:54 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 37495 | No |
| 121 | GOM_NL__2PRFIN20090502_124219_000000372078_00367_37495_1891.N1 | 02-MAY-2009 12:42:19 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37495 | No |
| 122 | GOM_NL__2PRFIN20090502_125349_000000352078_00367_37495_1892.N1 | 02-MAY-2009 12:53:49 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37495 | No |
| 123 | GOM_NL__2PRFIN20090502_130514_000000452078_00367_37495_1893.N1 | 02-MAY-2009 13:05:14 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37495 | No |
| 124 | GOM_NL__2PRFIN20090502_130907_000000492078_00367_37495_1894.N1 | 02-MAY-2009 13:09:07 | Dark | 49.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 98 | 37495 | No |
| 125 | GOM_NL__2PRFIN20090502_133201_000000502078_00368_37496_1894.N1 | 02-MAY-2009 13:32:01 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37496 | No |
| 126 | GOM_NL__2PRFIN20090502_133348_000000552078_00368_37496_1895.N1 | 02-MAY-2009 13:33:48 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37496 | No |
| 127 | GOM_NL__2PRFIN20090502_133649_000000512078_00368_37496_1896.N1 | 02-MAY-2009 13:36:49 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37496 | No |
| 128 | GOM_NL__2PRFIN20090502_134030_000000542078_00368_37496_1897.N1 | 02-MAY-2009 13:40:30 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37496 | No |
| 129 | GOM_NL__2PRFIN20090502_134240_000000492078_00368_37496_1898.N1 | 02-MAY-2009 13:42:40 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37496 | No |
| 130 | GOM_NL__2PRFIN20090502_134546_000000422078_00368_37496_1899.N1 | 02-MAY-2009 13:45:46 | Bright | 41.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 83 | 37496 | No |
| 131 | GOM_NL__2PRFIN20090502_134800_000000462078_00368_37496_1900.N1 | 02-MAY-2009 13:48:00 | Bright | 46.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 92 | 37496 | No |
| 132 | GOM_NL__2PRFIN20090502_135957_000000432078_00368_37496_1901.N1 | 02-MAY-2009 13:59:57 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 37496 | No |
| 133 | GOM_NL__2PRFIN20090502_140259_000000392078_00368_37496_1902.N1 | 02-MAY-2009 14:02:59 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 37496 | No |
| 134 | GOM_NL__2PRFIN20090502_141229_000000462078_00368_37496_1903.N1 | 02-MAY-2009 14:12:29 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37496 | No |
| 135 | GOM_NL__2PRFIN20090502_142254_000000372078_00368_37496_1904.N1 | 02-MAY-2009 14:22:54 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37496 | No |
| 136 | GOM_NL__2PRFIN20090502_143425_000000352078_00368_37496_1905.N1 | 02-MAY-2009 14:34:25 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37496 | No |
| 137 | GOM_NL__2PRFIN20090502_144551_000000452078_00368_37496_1906.N1 | 02-MAY-2009 14:45:51 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37496 | No |
| 138 | GOM_NL__2PRFIN20090502_144945_000000422078_00368_37496_1907.N1 | 02-MAY-2009 14:49:45 | Dark | 42.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 84 | 37496 | No |
| 139 | GOM_NL__2PRFIN20090502_145136_000000482078_00368_37496_1908.N1 | 02-MAY-2009 14:51:36 | Dark | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 37496 | No |
| 140 | GOM_NL__2PRFIN20090502_151237_000000532078_00369_37497_1909.N1 | 02-MAY-2009 15:12:37 | Straylight | 52.500 | 40 | The Sco | 1.8590 | 7100.0 | 105 | 37497 | No |
| 141 | GOM_NL__2PRFIN20090502_151424_000000552078_00369_37497_1910.N1 | 02-MAY-2009 15:14:24 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37497 | No |
| 142 | GOM_NL__2PRFIN20090502_151726_000000512078_00369_37497_1911.N1 | 02-MAY-2009 15:17:26 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37497 | No |
| 143 | GOM_NL__2PRFIN20090502_152106_000000542078_00369_37497_1912.N1 | 02-MAY-2009 15:21:06 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37497 | No |
| 144 | GOM_NL__2PRFIN20090502_152317_000000492078_00369_37497_1913.N1 | 02-MAY-2009 15:23:17 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37497 | No |
| 145 | GOM_NL__2PRFIN20090502_152622_000000412078_00369_37497_1914.N1 | 02-MAY-2009 15:26:22 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37497 | No |
| 146 | GOM_NL__2PRFIN20090502_152836_000000462078_00369_37497_1915.N1 | 02-MAY-2009 15:28:36 | Bright | 45.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 91 | 37497 | No |
| 147 | GOM_NL__2PRFIN20090502_154032_000000472078_00369_37497_1916.N1 | 02-MAY-2009 15:40:32 | Bright | 46.500 | 83 | | 2.3780 | 11000. | 93 | 37497 | No |
| 148 | GOM_NL__2PRFIN20090502_154334_000000412078_00369_37497_1917.N1 | 02-MAY-2009 15:43:34 | Bright | 40.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 81 | 37497 | No |
| 149 | GOM_NL__2PRFIN20090502_155305_000000432078_00369_37497_1918.N1 | 02-MAY-2009 15:53:05 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 37497 | No |
| 150 | GOM_NL__2PRFIN20090502_160330_000000372078_00369_37497_1919.N1 | 02-MAY-2009 16:03:30 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37497 | No |
| 151 | GOM_NL__2PRFIN20090502_161501_000000352078_00369_37497_1920.N1 | 02-MAY-2009 16:15:01 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37497 | No |
| 152 | GOM_NL__2PRFIN20090502_162628_000000452078_00369_37497_1921.N1 | 02-MAY-2009 16:26:28 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37497 | No |
| 153 | GOM_NL__2PRFIN20090502_163213_000000482078_00369_37497_1922.N1 | 02-MAY-2009 16:32:13 | Dark | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 37497 | No |
| 154 | GOM_NL__2PRFIN20090502_165314_000000512078_00370_37498_1924.N1 | 02-MAY-2009 16:53:14 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37498 | No |
| 155 | GOM_NL__2PRFIN20090502_165501_000000552078_00370_37498_1925.N1 | 02-MAY-2009 16:55:01 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37498 | No |
| 156 | GOM_NL__2PRFIN20090502_165803_000000512078_00370_37498_1926.N1 | 02-MAY-2009 16:58:03 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37498 | No |
| 157 | GOM_NL__2PRFIN20090502_170143_000000532078_00370_37498_1927.N1 | 02-MAY-2009 17:01:43 | Tw_i_and_stray | 53.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 106 | 37498 | No |
| 158 | GOM_NL__2PRFIN20090502_170353_000000492078_00370_37498_1928.N1 | 02-MAY-2009 17:03:53 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37498 | No |
| 159 | GOM_NL__2PRFIN20090502_170658_000000412078_00370_37498_1929.N1 | 02-MAY-2009 17:06:58 | Bright | 40.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 81 | 37498 | No |
| 160 | GOM_NL__2PRFIN20090502_170912_000000472078_00370_37498_1930.N1 | 02-MAY-2009 17:09:12 | Bright | 47.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 94 | 37498 | No |

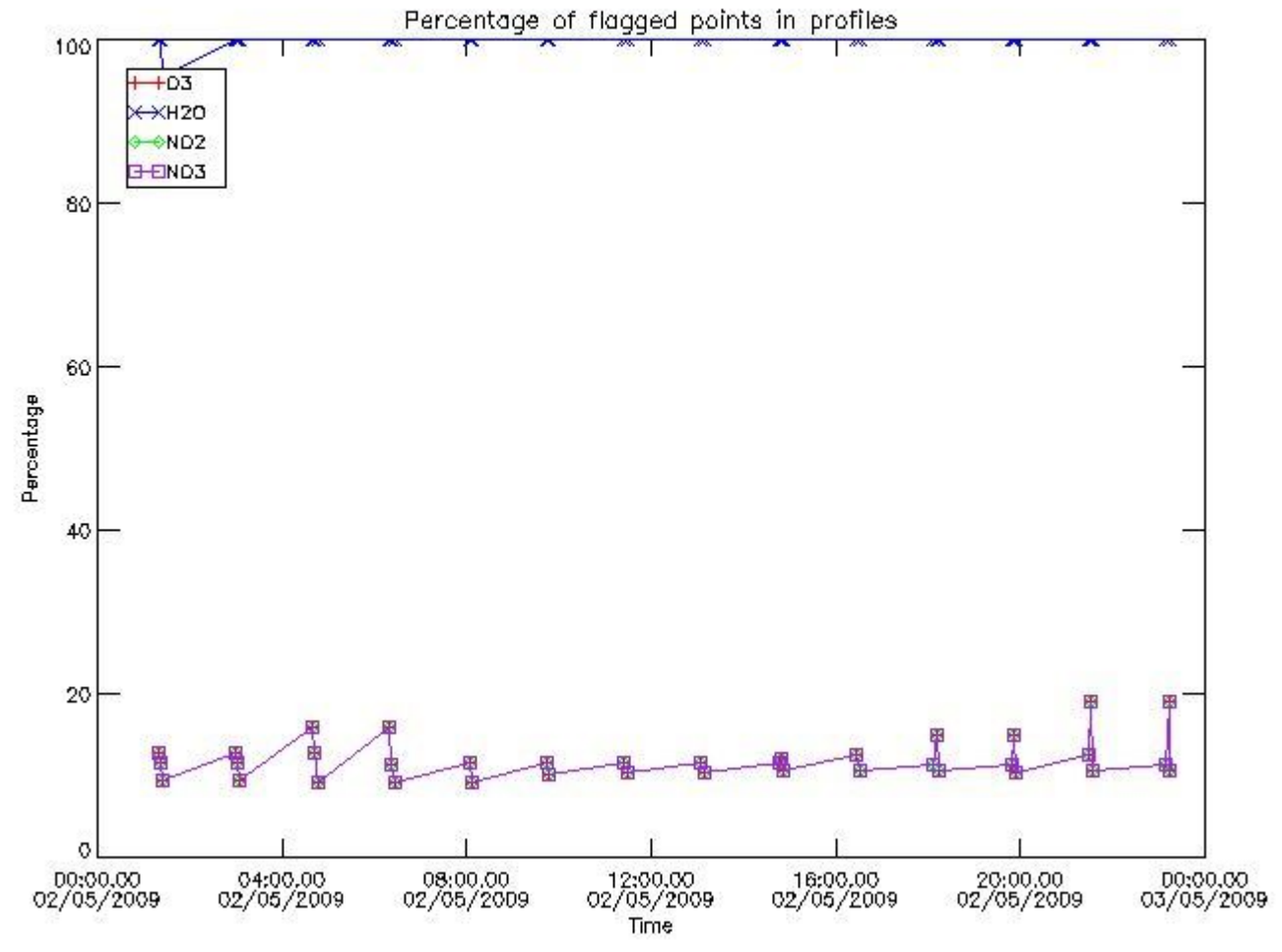
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20090502_172108_000000512078_00370_37498_1931.N1 | 02-MAY-2009 17:21:08 | Bright | 51.000 | 83 | | 2.3780 | 11000. | 102 | 37498 | No |
| 162 | GOM_NL__2PRFIN20090502_172410_000000402078_00370_37498_1932.N1 | 02-MAY-2009 17:24:10 | Bright | 40.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 80 | 37498 | No |
| 163 | GOM_NL__2PRFIN20090502_173340_000000452078_00370_37498_1933.N1 | 02-MAY-2009 17:33:40 | Bright | 44.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 89 | 37498 | No |
| 164 | GOM_NL__2PRFIN20090502_174406_000000372078_00370_37498_1934.N1 | 02-MAY-2009 17:44:06 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37498 | No |
| 165 | GOM_NL__2PRFIN20090502_175538_000000362078_00370_37498_1935.N1 | 02-MAY-2009 17:55:38 | Bright | 35.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 71 | 37498 | No |
| 166 | GOM_NL__2PRFIN20090502_180704_000000452078_00370_37498_1936.N1 | 02-MAY-2009 18:07:04 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37498 | No |
| 167 | GOM_NL__2PRFIN20090502_181059_000000342078_00370_37498_1937.N1 | 02-MAY-2009 18:10:59 | Dark | 34.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 68 | 37498 | No |
| 168 | GOM_NL__2PRFIN20090502_181250_000000492078_00370_37498_1938.N1 | 02-MAY-2009 18:12:50 | Dark | 48.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 97 | 37498 | No |
| 169 | GOM_NL__2PRFIN20090502_183351_000000512078_00371_37499_1941.N1 | 02-MAY-2009 18:33:51 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37499 | No |
| 170 | GOM_NL__2PRFIN20090502_183539_000000552078_00371_37499_1942.N1 | 02-MAY-2009 18:35:39 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37499 | No |
| 171 | GOM_NL__2PRFIN20090502_183840_000000512078_00371_37499_1943.N1 | 02-MAY-2009 18:38:40 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37499 | No |
| 172 | GOM_NL__2PRFIN20090502_184219_000000542078_00371_37499_1944.N1 | 02-MAY-2009 18:42:19 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37499 | No |
| 173 | GOM_NL__2PRFIN20090502_184429_000000502078_00371_37499_1945.N1 | 02-MAY-2009 18:44:29 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37499 | No |
| 174 | GOM_NL__2PRFIN20090502_184734_000000412078_00371_37499_1946.N1 | 02-MAY-2009 18:47:34 | Bright | 41.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 82 | 37499 | No |
| 175 | GOM_NL__2PRFIN20090502_184948_000000472078_00371_37499_1947.N1 | 02-MAY-2009 18:49:48 | Bright | 46.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 93 | 37499 | No |
| 176 | GOM_NL__2PRFIN20090502_190144_000000452078_00371_37499_1948.N1 | 02-MAY-2009 19:01:44 | Bright | 44.500 | 83 | | 2.3780 | 11000. | 89 | 37499 | No |
| 177 | GOM_NL__2PRFIN20090502_190446_000000422078_00371_37499_1949.N1 | 02-MAY-2009 19:04:46 | Bright | 42.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 84 | 37499 | No |
| 178 | GOM_NL__2PRFIN20090502_191415_000000442078_00371_37499_1950.N1 | 02-MAY-2009 19:14:15 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37499 | No |
| 179 | GOM_NL__2PRFIN20090502_192441_000000372078_00371_37499_1951.N1 | 02-MAY-2009 19:24:41 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37499 | No |
| 180 | GOM_NL__2PRFIN20090502_193614_000000352078_00371_37499_1952.N1 | 02-MAY-2009 19:36:14 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37499 | No |
| 181 | GOM_NL__2PRFIN20090502_194741_000000452078_00371_37499_1953.N1 | 02-MAY-2009 19:47:41 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37499 | No |
| 182 | GOM_NL__2PRFIN20090502_195136_000000342078_00371_37499_1954.N1 | 02-MAY-2009 19:51:36 | Dark | 34.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 68 | 37499 | No |
| 183 | GOM_NL__2PRFIN20090502_195327_000000492078_00371_37499_1955.N1 | 02-MAY-2009 19:53:27 | Dark | 49.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 98 | 37499 | No |
| 184 | GOM_NL__2PRFIN20090502_201428_000000512078_00372_37500_1958.N1 | 02-MAY-2009 20:14:28 | Straylight | 50.500 | 40 | The Sco | 1.8590 | 7100.0 | 101 | 37500 | No |
| 185 | GOM_NL__2PRFIN20090502_201615_000000552078_00372_37500_1959.N1 | 02-MAY-2009 20:16:15 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37500 | No |
| 186 | GOM_NL__2PRFIN20090502_201916_000000522078_00372_37500_1960.N1 | 02-MAY-2009 20:19:16 | Straylight | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 37500 | No |
| 187 | GOM_NL__2PRFIN20090502_202256_000000542078_00372_37500_1961.N1 | 02-MAY-2009 20:22:56 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37500 | No |
| 188 | GOM_NL__2PRFIN20090502_202506_000000502078_00372_37500_1962.N1 | 02-MAY-2009 20:25:06 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37500 | No |
| 189 | GOM_NL__2PRFIN20090502_204219_000000462078_00372_37500_1963.N1 | 02-MAY-2009 20:42:19 | Bright | 46.000 | 83 | | 2.3780 | 11000. | 92 | 37500 | No |
| 190 | GOM_NL__2PRFIN20090502_204521_000000372078_00372_37500_1964.N1 | 02-MAY-2009 20:45:21 | Bright | 37.000 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 74 | 37500 | No |
| 191 | GOM_NL__2PRFIN20090502_205450_000000442078_00372_37500_1965.N1 | 02-MAY-2009 20:54:50 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37500 | No |
| 192 | GOM_NL__2PRFIN20090502_210517_000000372078_00372_37500_1966.N1 | 02-MAY-2009 21:05:17 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37500 | No |
| 193 | GOM_NL__2PRFIN20090502_211650_000000352078_00372_37500_1967.N1 | 02-MAY-2009 21:16:50 | Bright | 35.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 70 | 37500 | No |
| 194 | GOM_NL__2PRFIN20090502_212818_000000452078_00372_37500_1968.N1 | 02-MAY-2009 21:28:18 | Dark | 45.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 90 | 37500 | No |
| 195 | GOM_NL__2PRFIN20090502_213214_000000272078_00372_37500_1969.N1 | 02-MAY-2009 21:32:14 | Dark | 27.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 54 | 37500 | No |
| 196 | GOM_NL__2PRFIN20090502_213404_000000492078_00372_37500_1970.N1 | 02-MAY-2009 21:34:04 | Dark | 48.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 97 | 37500 | No |
| 197 | GOM_NL__2PRFIN20090502_215505_000000502078_00373_37501_1972.N1 | 02-MAY-2009 21:55:05 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37501 | No |
| 198 | GOM_NL__2PRFIN20090502_215652_000000552078_00373_37501_1973.N1 | 02-MAY-2009 21:56:52 | Straylight | 54.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 109 | 37501 | No |
| 199 | GOM_NL__2PRFIN20090502_215953_000000512078_00373_37501_1974.N1 | 02-MAY-2009 21:59:53 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37501 | No |
| 200 | GOM_NL__2PRFIN20090502_220332_000000542078_00373_37501_1975.N1 | 02-MAY-2009 22:03:32 | Tw_i_and_stray | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 37501 | No |
| 201 | GOM_NL__2PRFIN20090502_220542_000000492078_00373_37501_1976.N1 | 02-MAY-2009 22:05:42 | Tw_i_and_stray | 49.000 | 80 | 7Del Sco | 2.3160 | 30000. | 98 | 37501 | No |
| 202 | GOM_NL__2PRFIN20090502_222255_000000462078_00373_37501_1977.N1 | 02-MAY-2009 22:22:55 | Bright | 45.500 | 83 | | 2.3780 | 11000. | 91 | 37501 | No |
| 203 | GOM_NL__2PRFIN20090502_222557_000000392078_00373_37501_1978.N1 | 02-MAY-2009 22:25:57 | Bright | 38.500 | 180 | 27Gam Boo | 3.0400 | 8000.0 | 77 | 37501 | No |
| 204 | GOM_NL__2PRFIN20090502_223525_000000442078_00373_37501_1979.N1 | 02-MAY-2009 22:35:25 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 37501 | No |
| 205 | GOM_NL__2PRFIN20090502_224552_000000372078_00373_37501_1980.N1 | 02-MAY-2009 22:45:52 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37501 | No |
| 206 | GOM_NL__2PRFIN20090502_225726_000000362078_00373_37501_1981.N1 | 02-MAY-2009 22:57:26 | Bright | 35.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 71 | 37501 | No |
| 207 | GOM_NL__2PRFIN20090502_230855_000000452078_00373_37501_1982.N1 | 02-MAY-2009 23:08:55 | Dark | 44.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 89 | 37501 | No |
| 208 | GOM_NL__2PRFIN20090502_231251_000000272078_00373_37501_1983.N1 | 02-MAY-2009 23:12:51 | Dark | 27.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 54 | 37501 | No |
| 209 | GOM_NL__2PRFIN20090502_231441_000000482078_00373_37501_1984.N1 | 02-MAY-2009 23:14:41 | Dark | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 37501 | No |
| 210 | GOM_NL__2PRFIN20090502_233542_000000502078_00374_37502_2010.N1 | 02-MAY-2009 23:35:42 | Straylight | 50.000 | 40 | The Sco | 1.8590 | 7100.0 | 100 | 37502 | No |
| 211 | GOM_NL__2PRFIN20090502_233729_000000552078_00374_37502_2011.N1 | 02-MAY-2009 23:37:29 | Straylight | 55.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 110 | 37502 | No |
| 212 | GOM_NL__2PRFIN20090502_234029_000000512078_00374_37502_2012.N1 | 02-MAY-2009 23:40:29 | Straylight | 51.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 102 | 37502 | No |
| 213 | GOM_NL__2PRFIN20090502_234409_000000532078_00374_37502_2013.N1 | 02-MAY-2009 23:44:09 | Tw_i_and_stray | 53.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 106 | 37502 | No |
| 214 | GOM_NL__2PRFIN20090502_234618_000000502078_00374_37502_2014.N1 | 02-MAY-2009 23:46:18 | Tw_i_and_stray | 49.500 | 80 | 7Del Sco | 2.3160 | 30000. | 99 | 37502 | No |

3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of

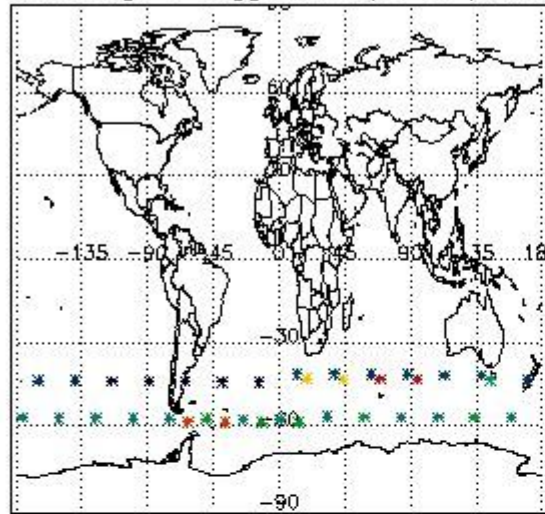
the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

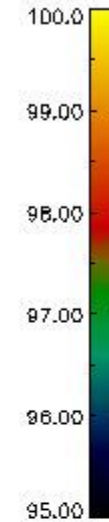
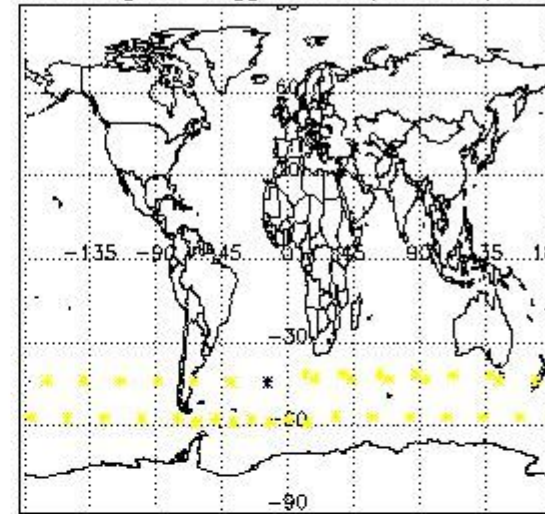


3.2 Plot quality information per product (world map)

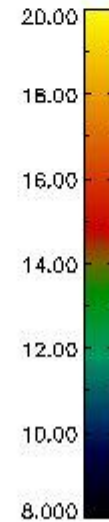
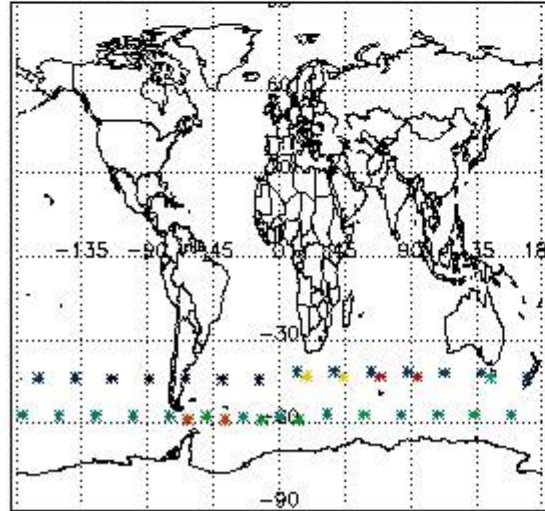
Percentage of flagged data per O3 profile



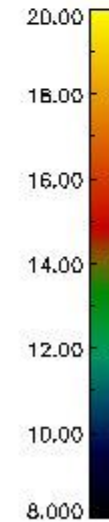
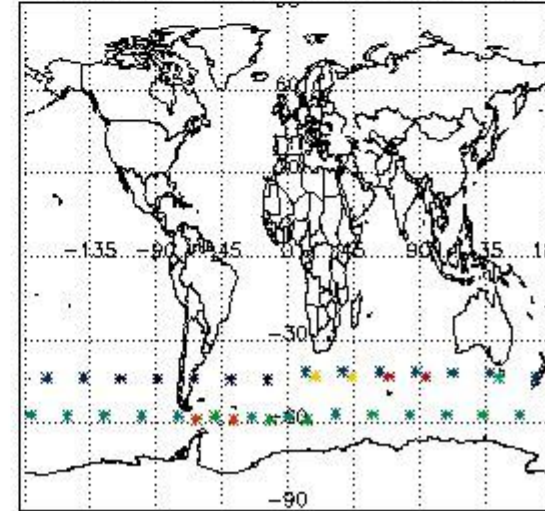
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

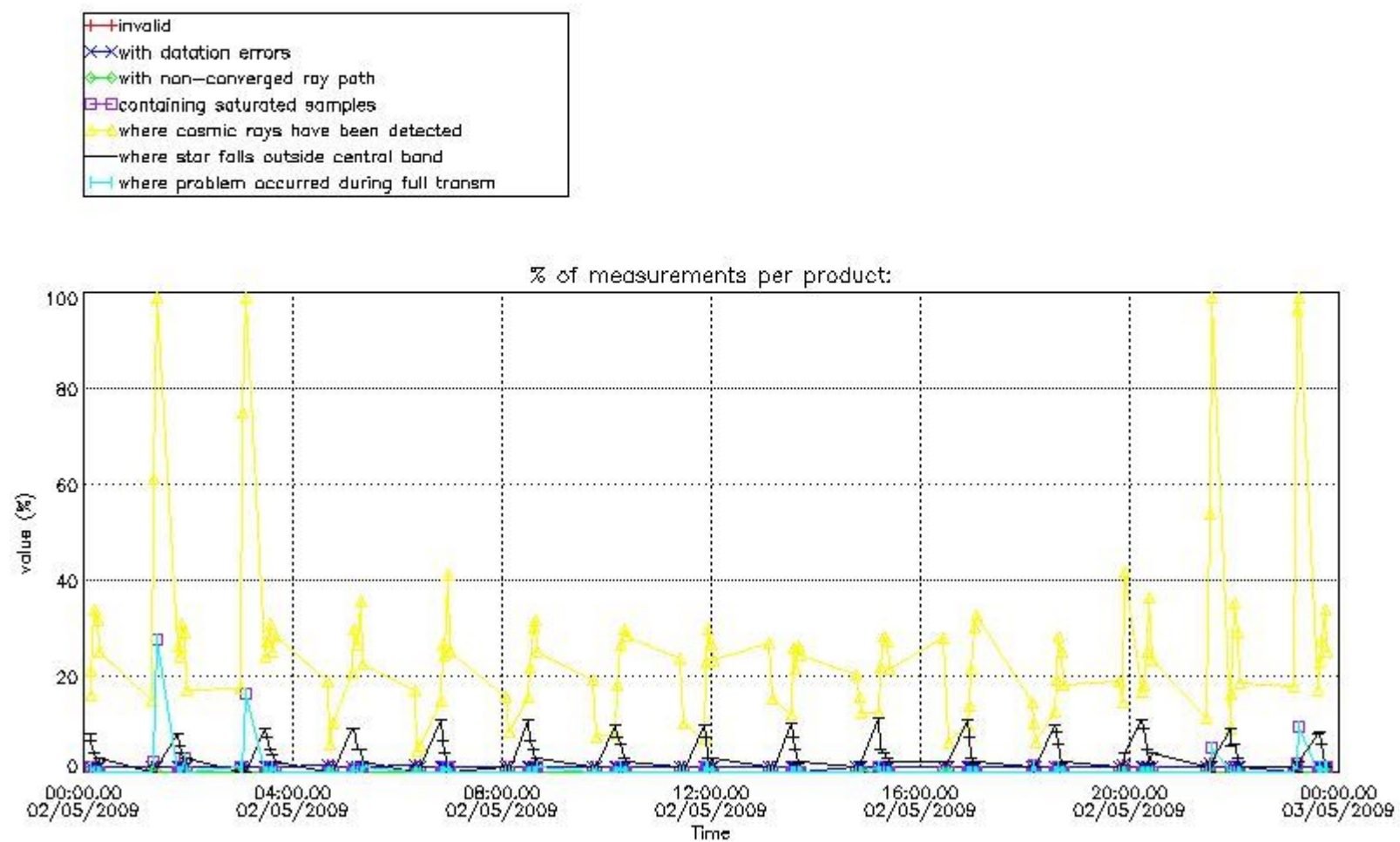


4. Level 1 quality information per product

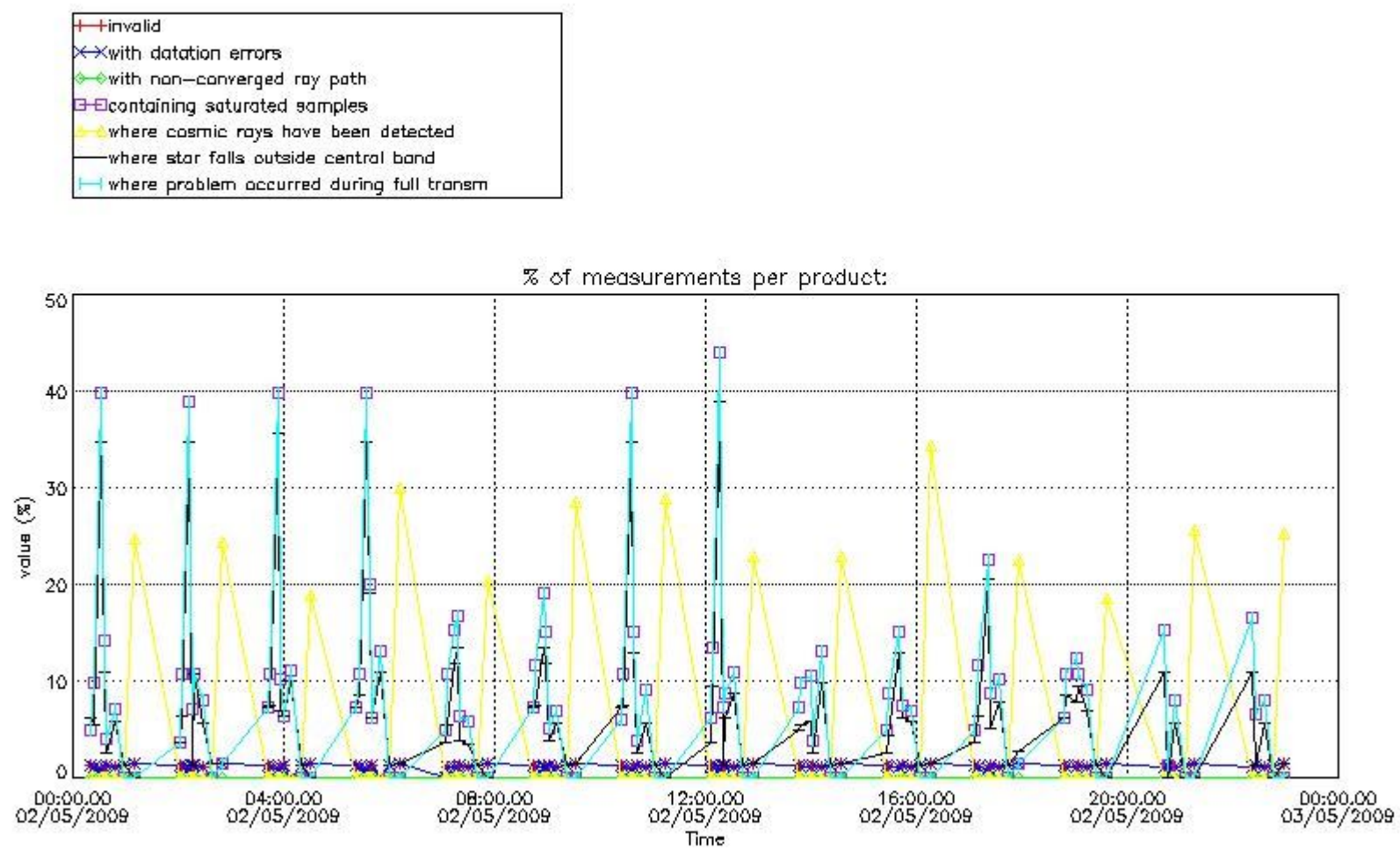
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

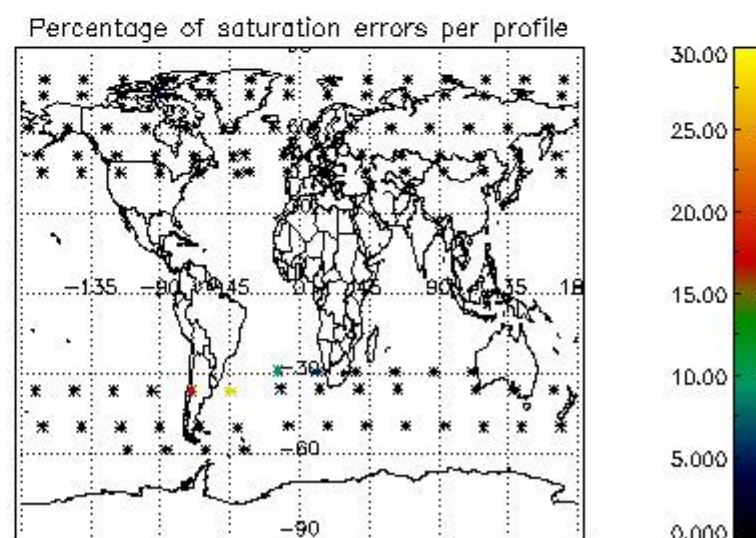
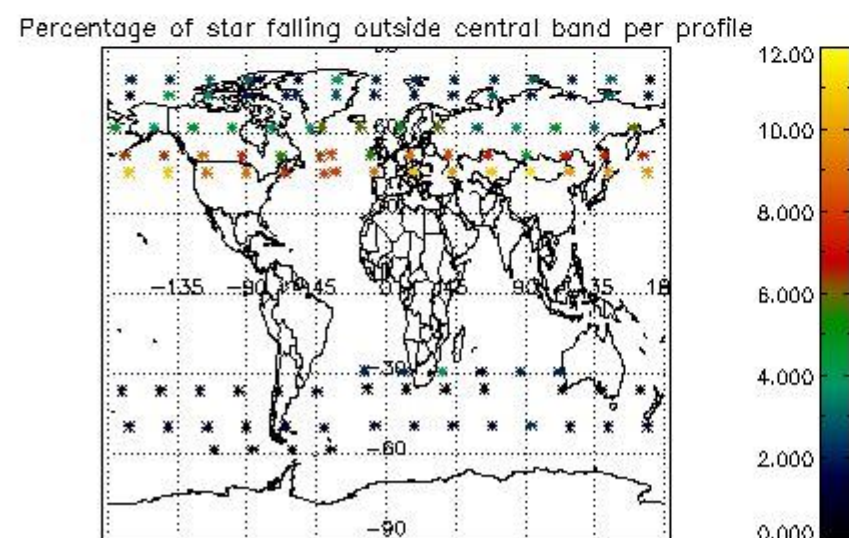
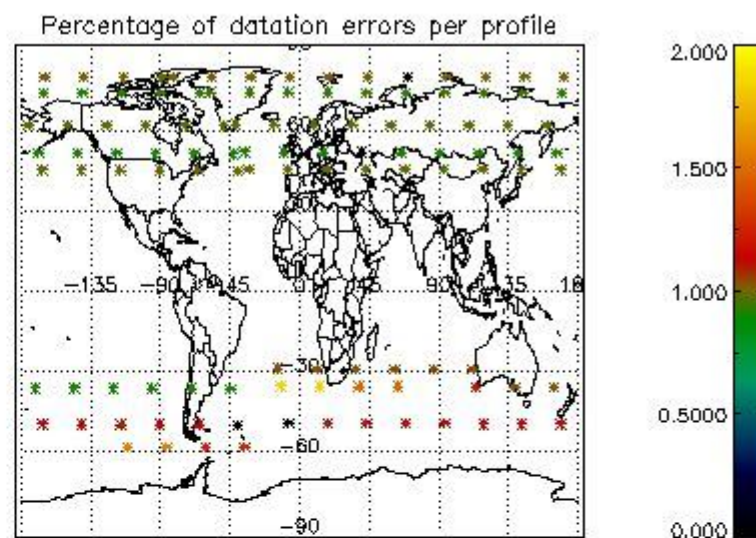
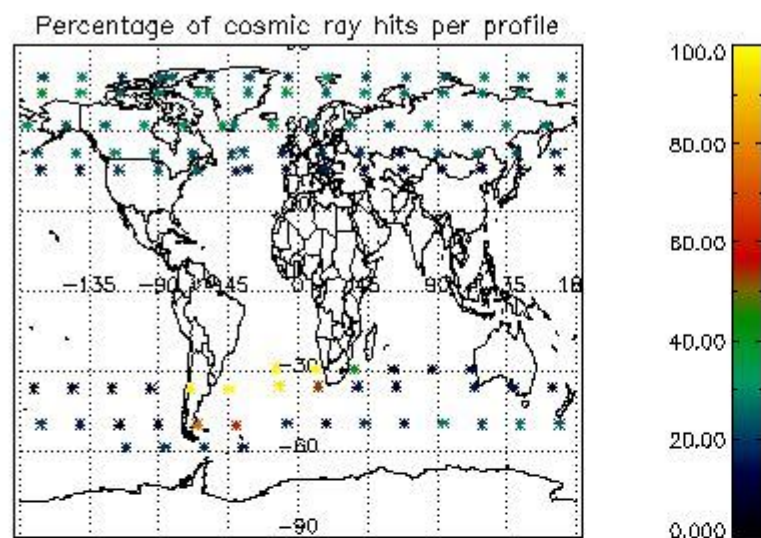


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

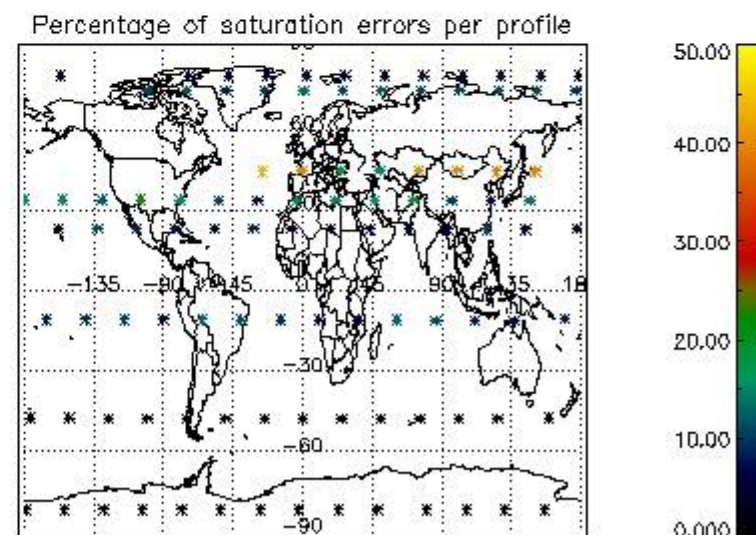
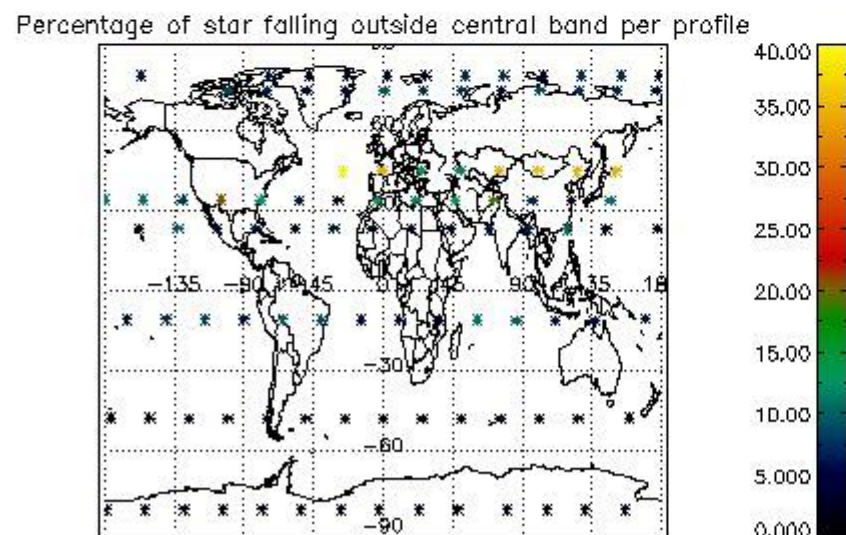
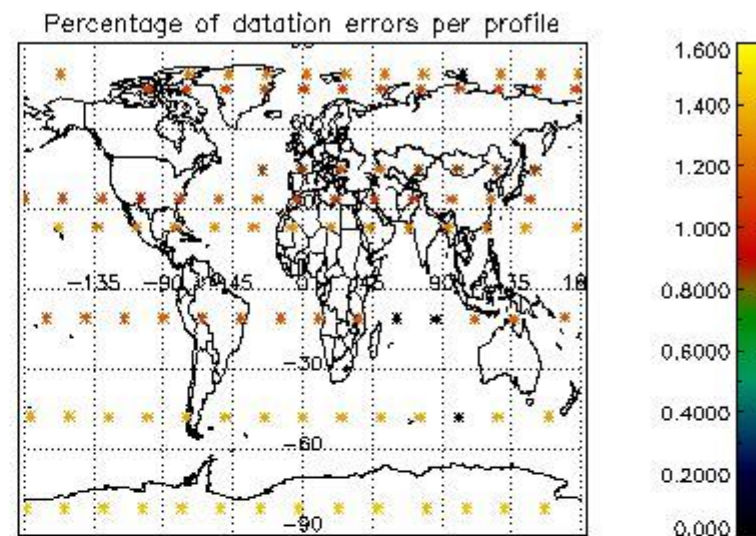
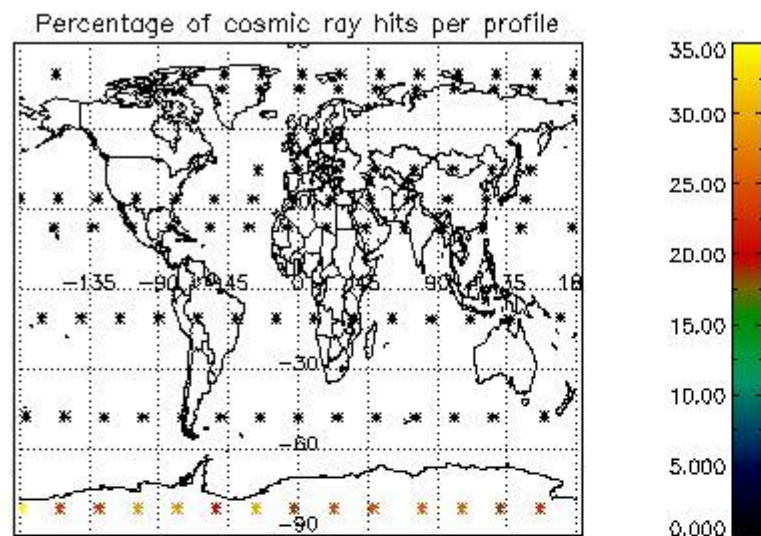


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

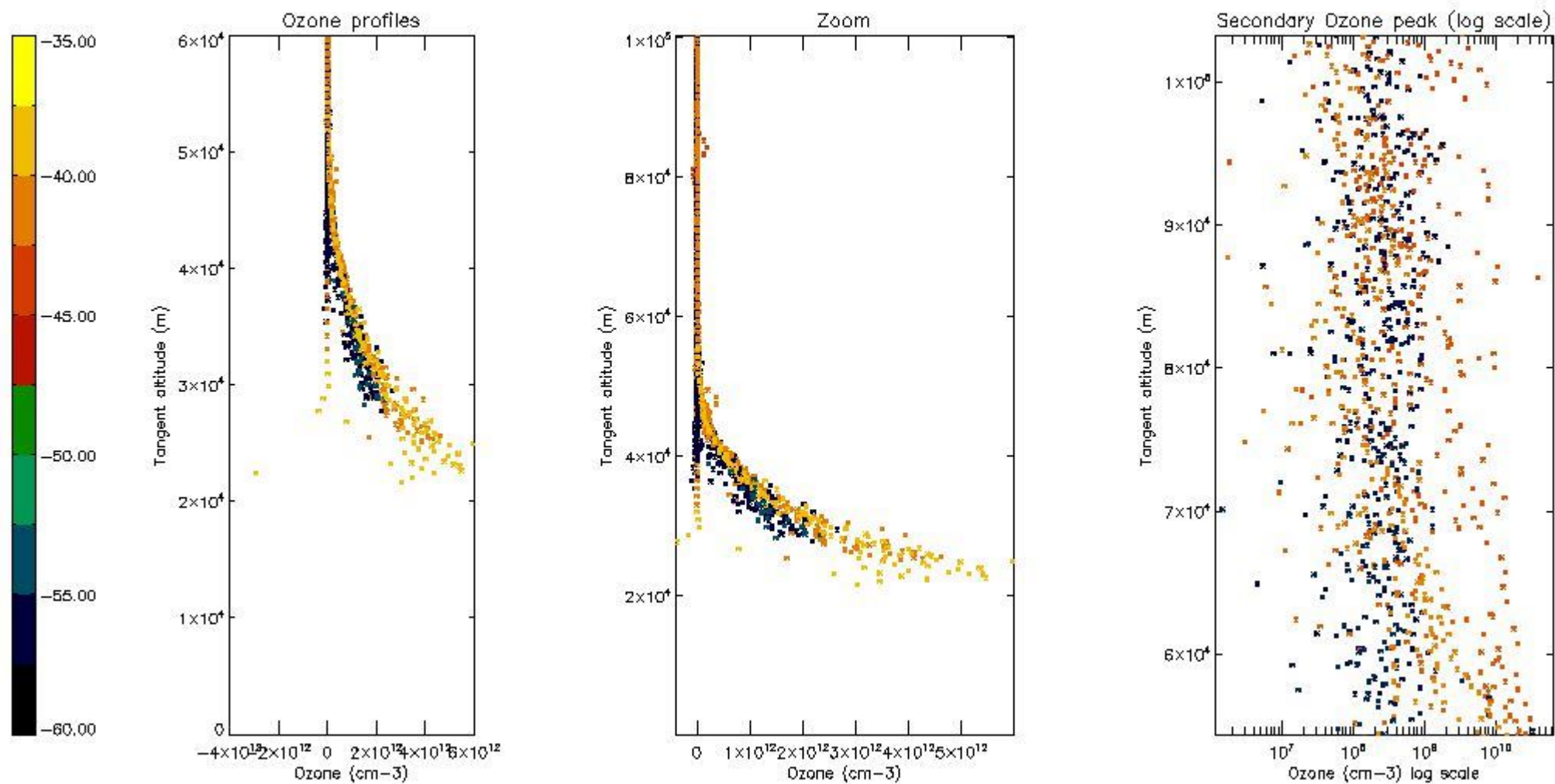
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 17 |
| STD < 20 | 3 |

| | |
|----------|---|
| STD < 10 | 1 |
| STD < 5 | 0 |

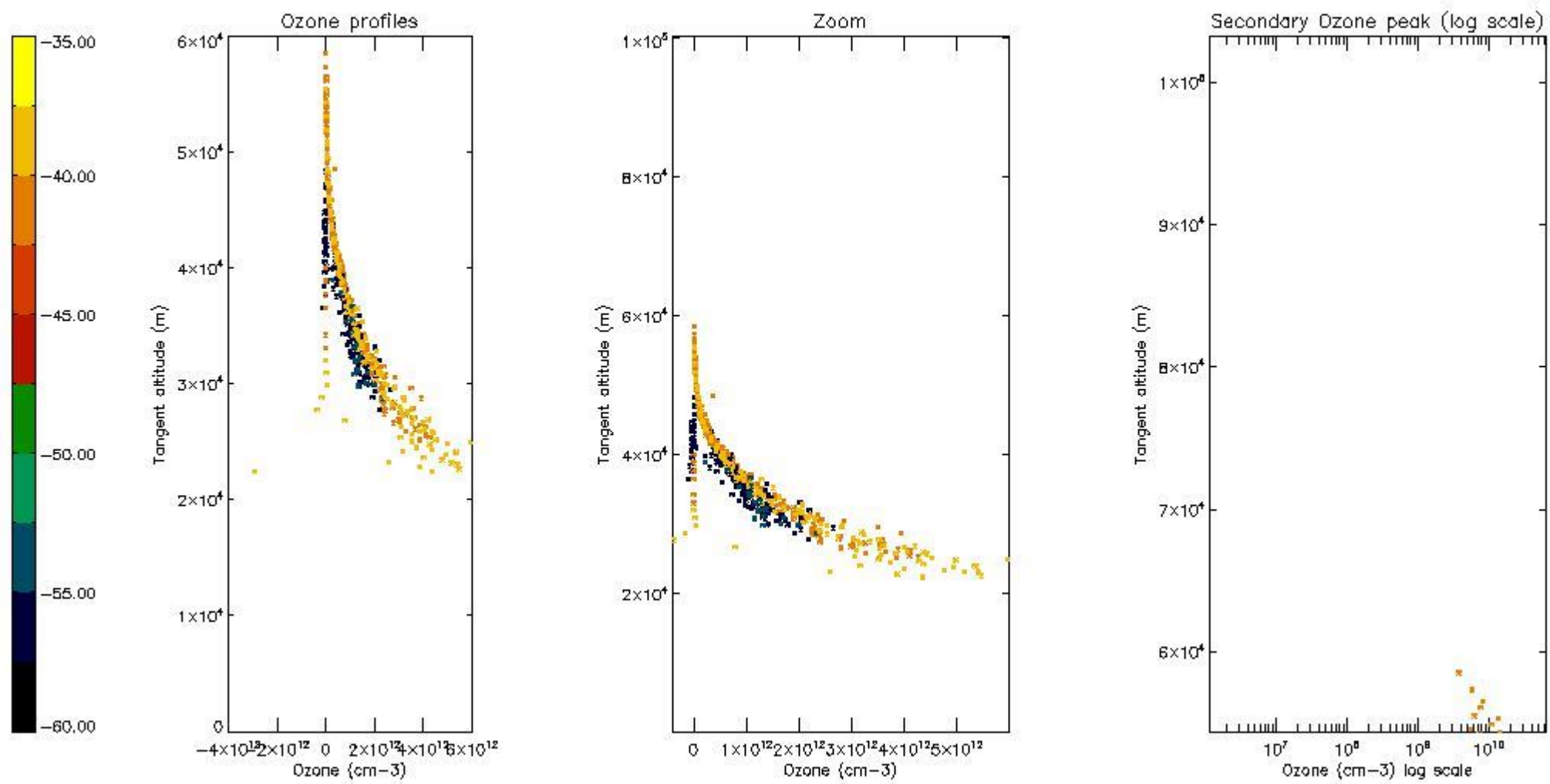
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



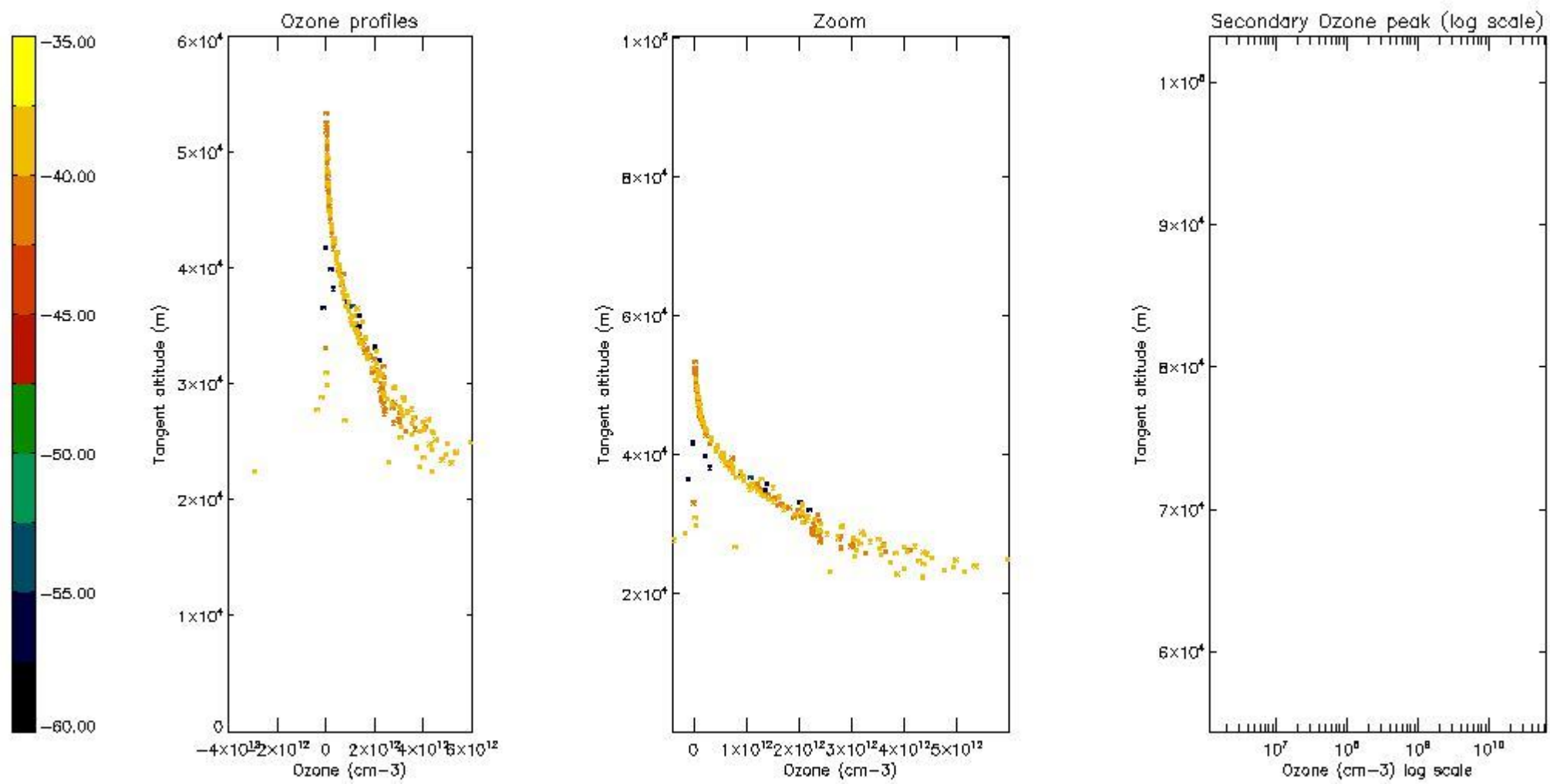
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



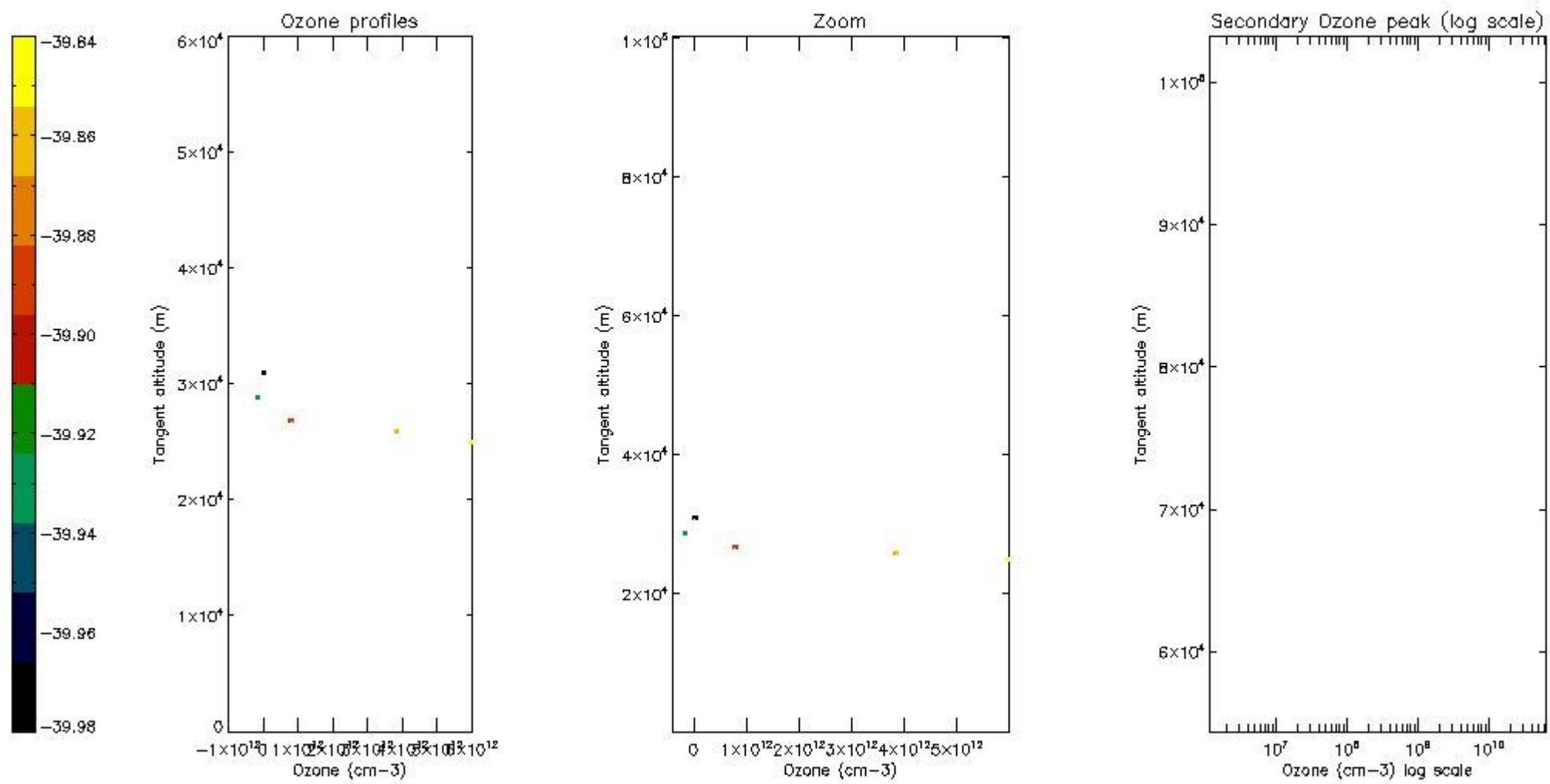
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



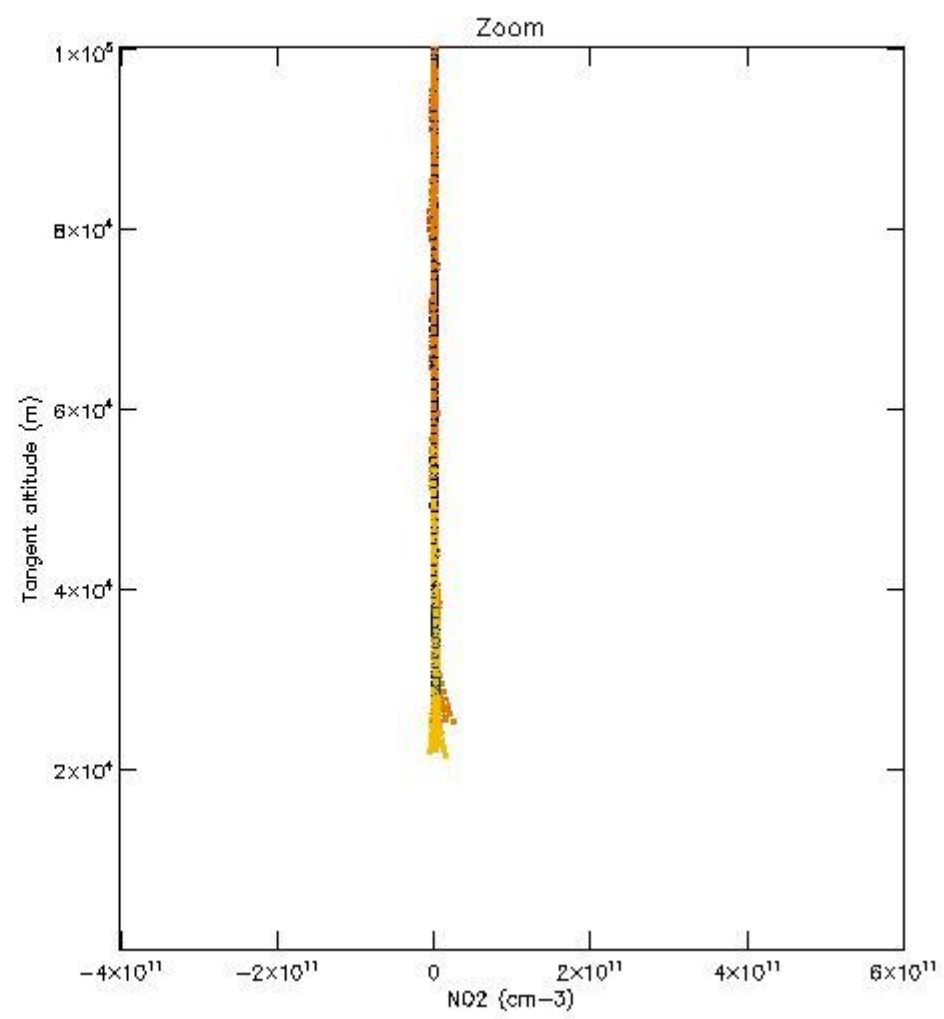
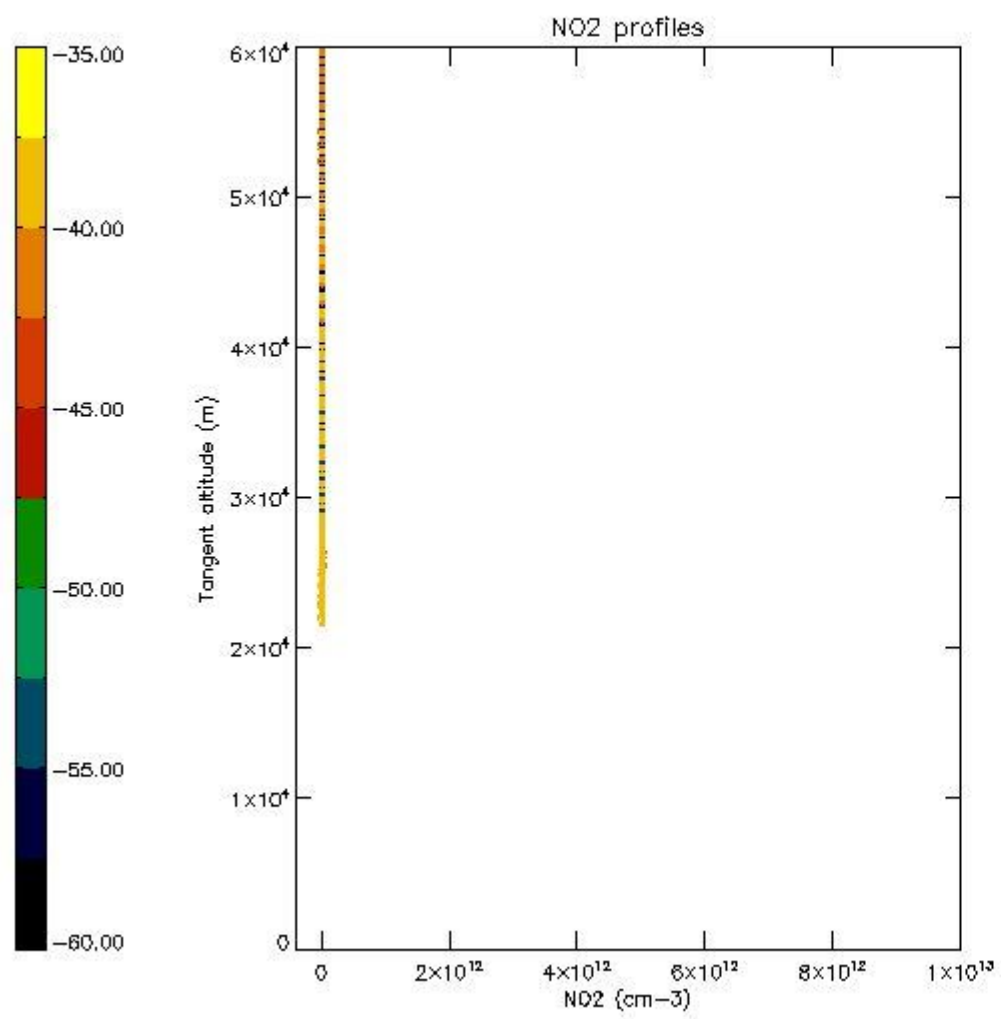
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



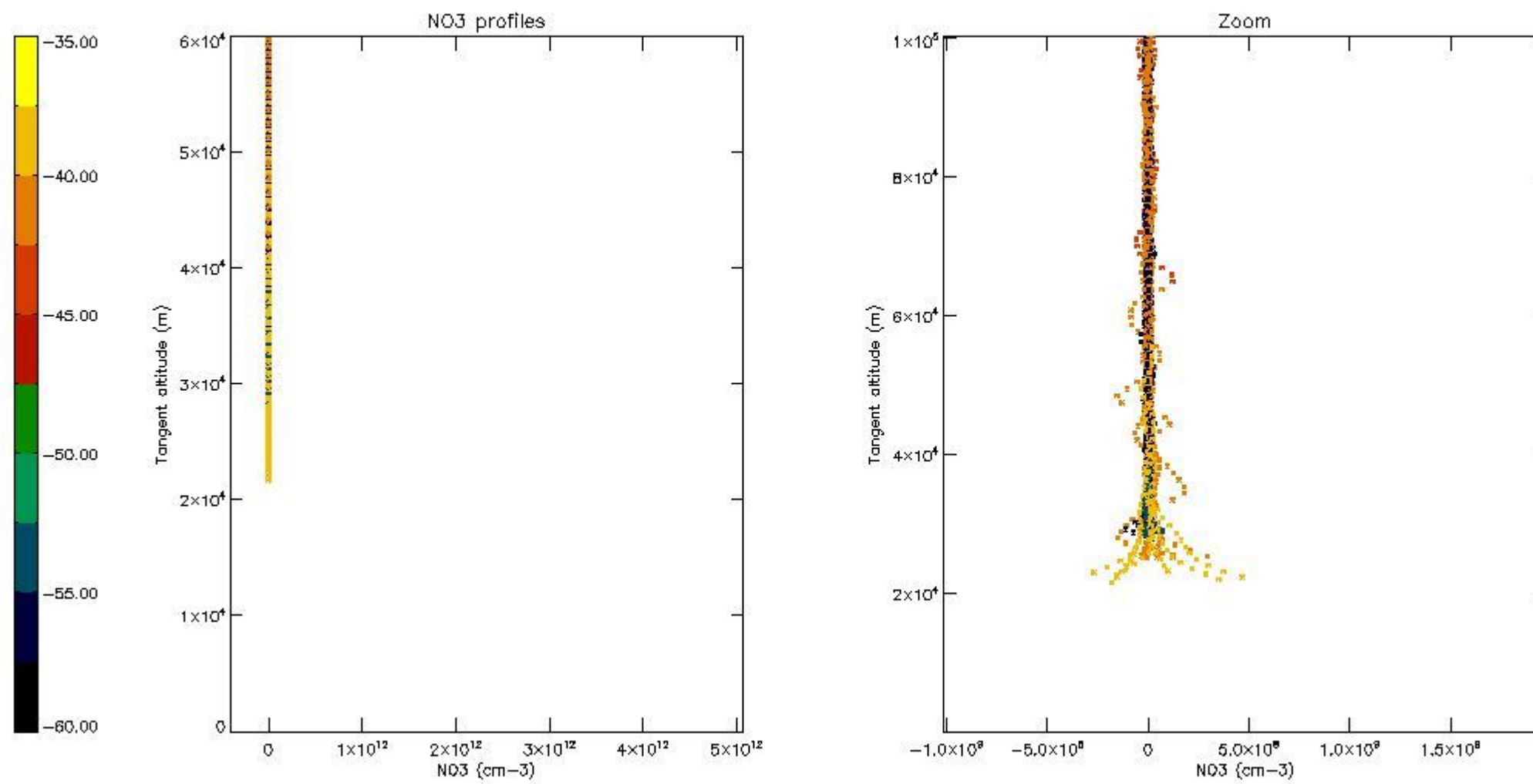
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

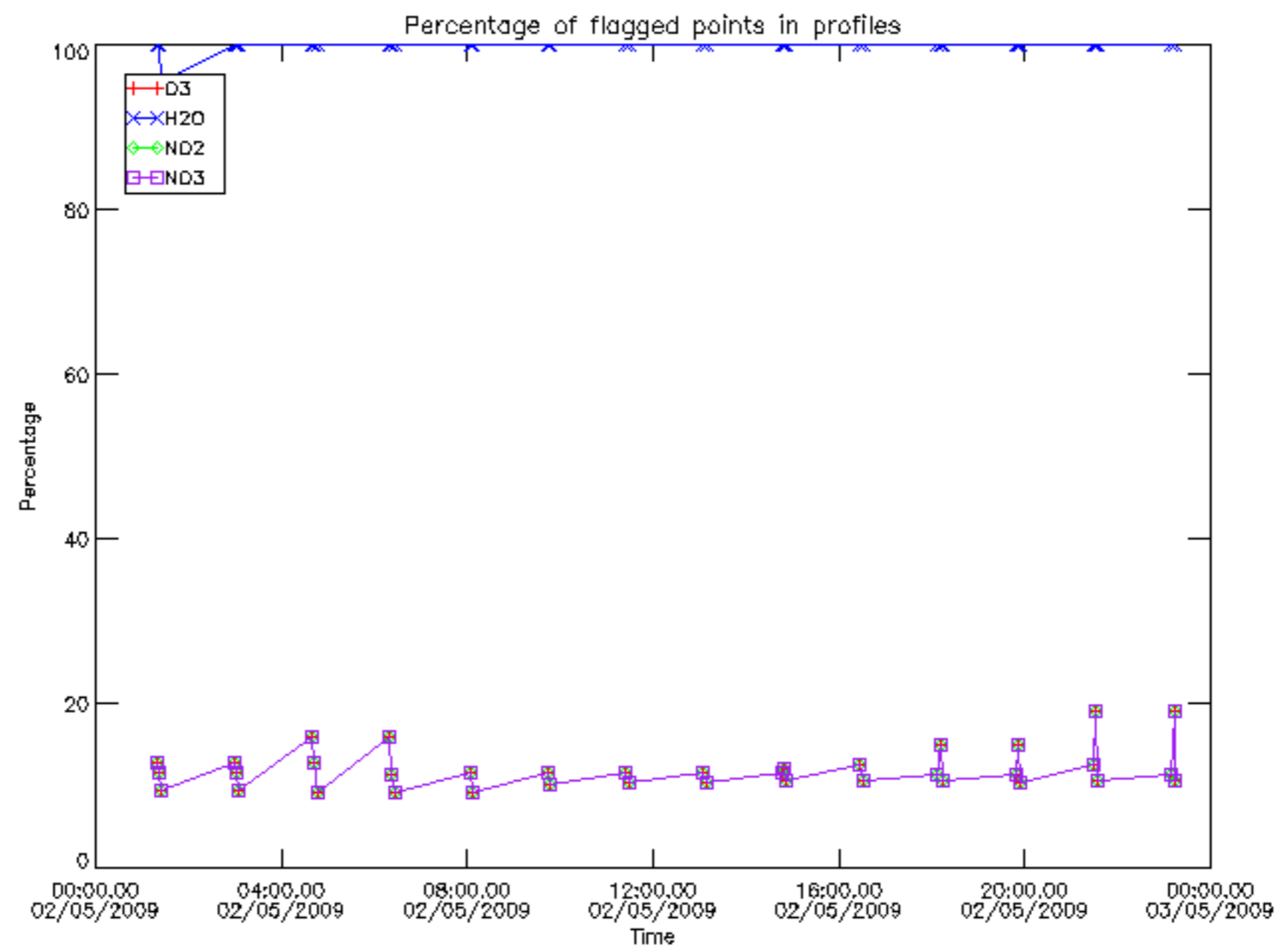
The colorbar represents the latitude.



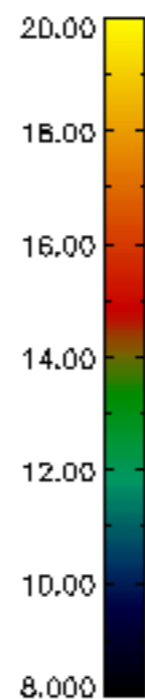
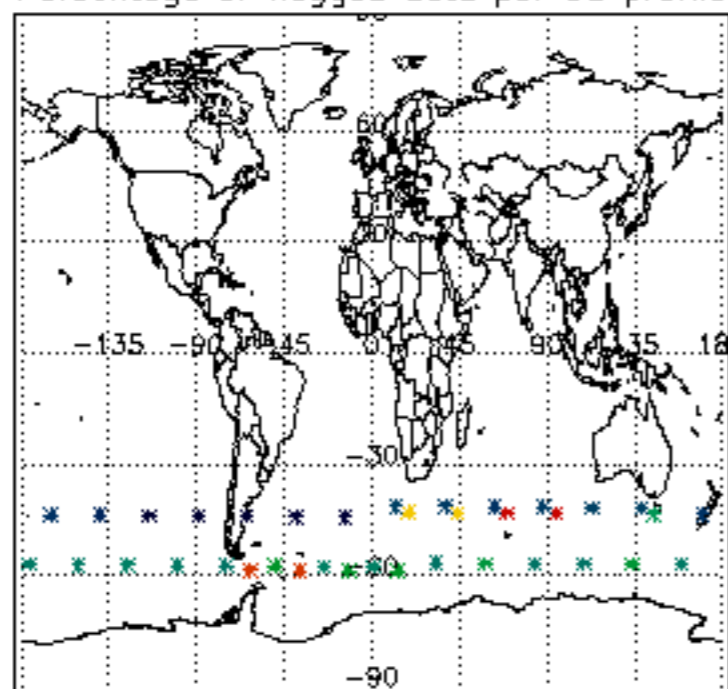
6. Auxiliary Data Files used for the production reported in section 2

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.

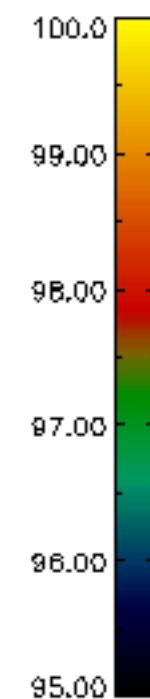
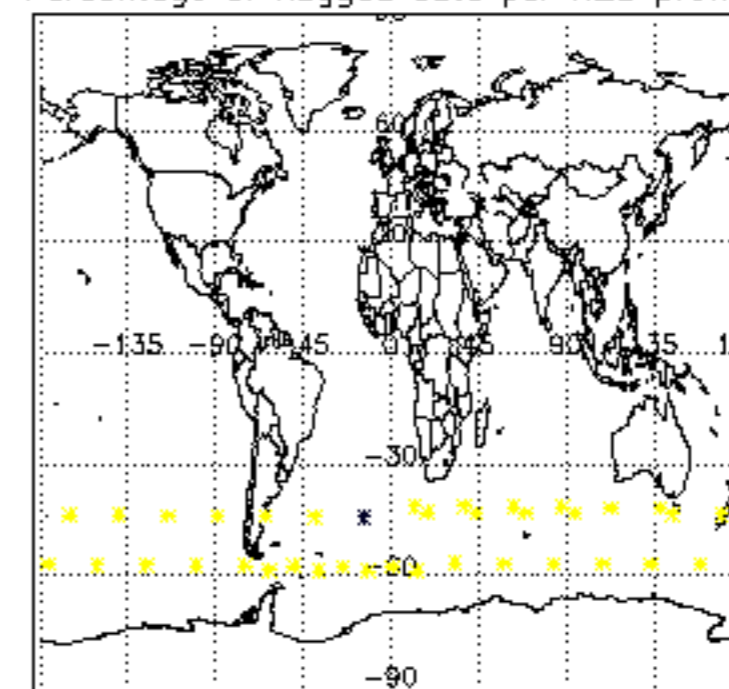
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 02-MAY-2009 00:07:06 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 02-MAY-2009 00:07:06 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 02-MAY-2009 00:07:06 |



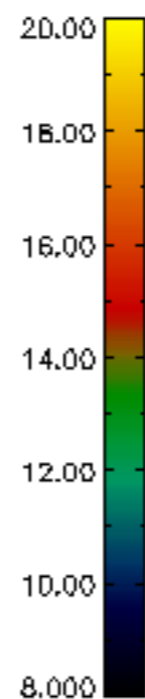
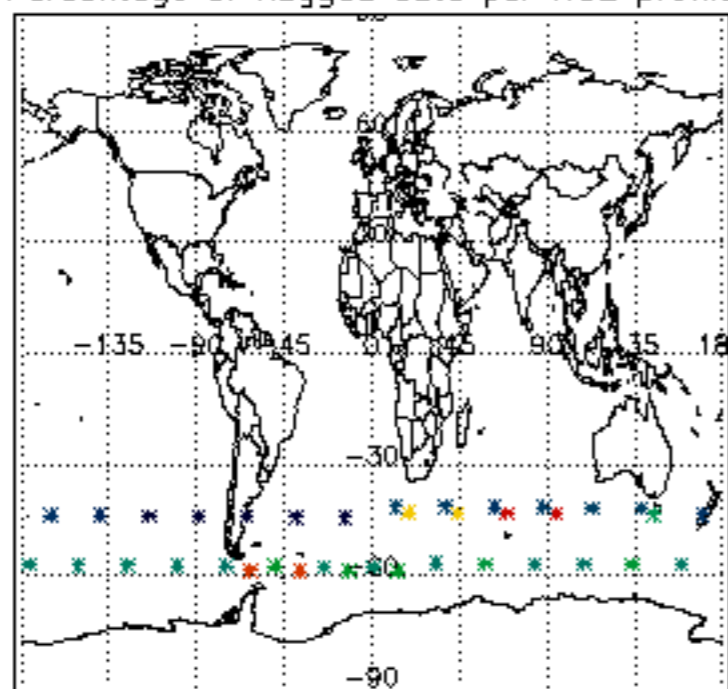
Percentage of flagged data per D3 profile



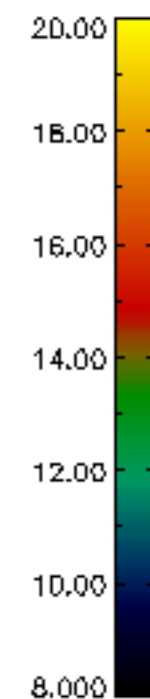
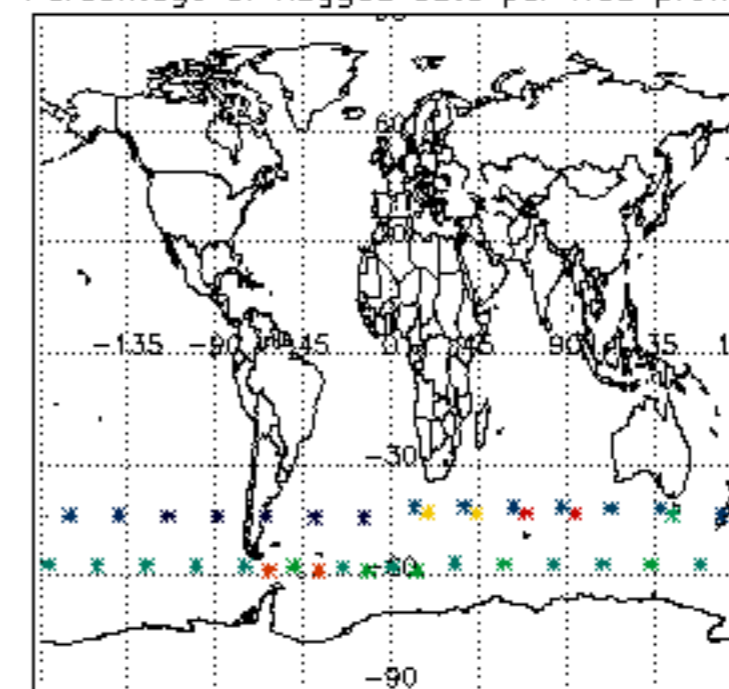
Percentage of flagged data per H2O profile

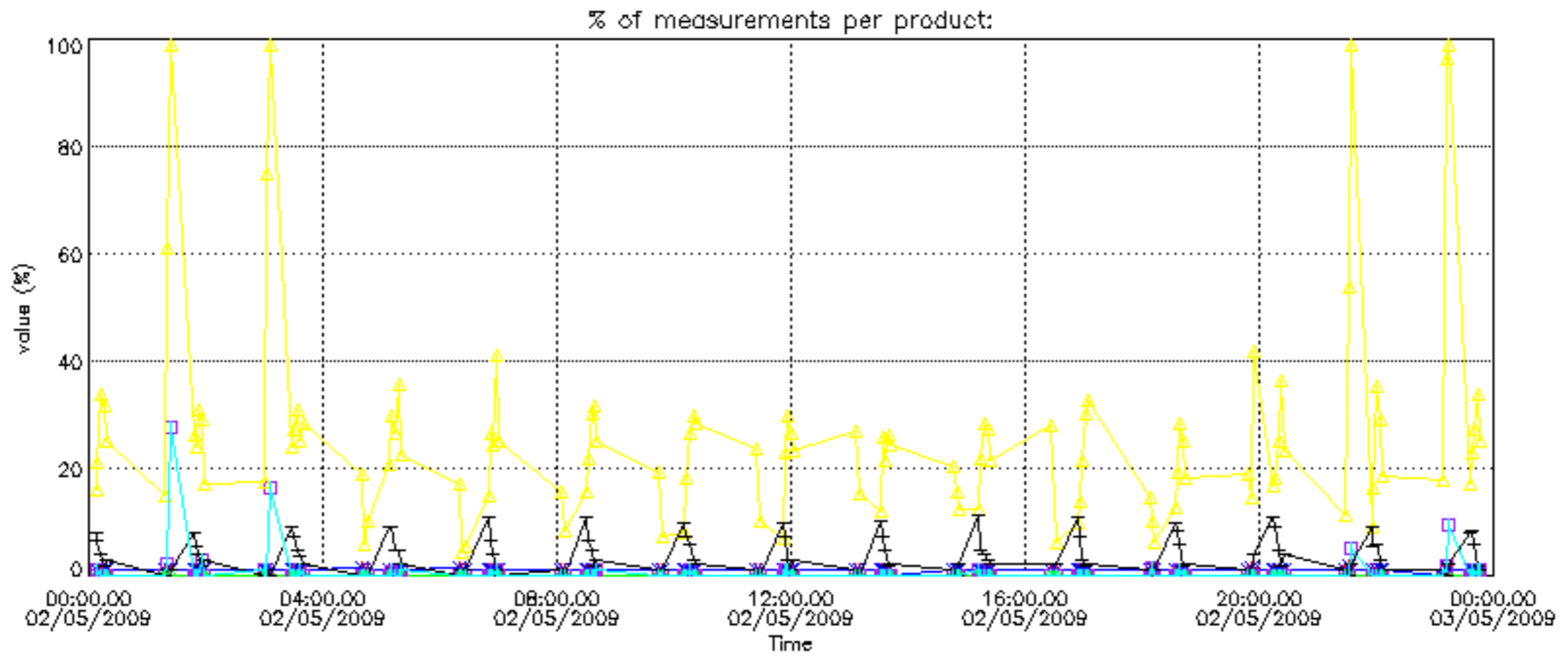


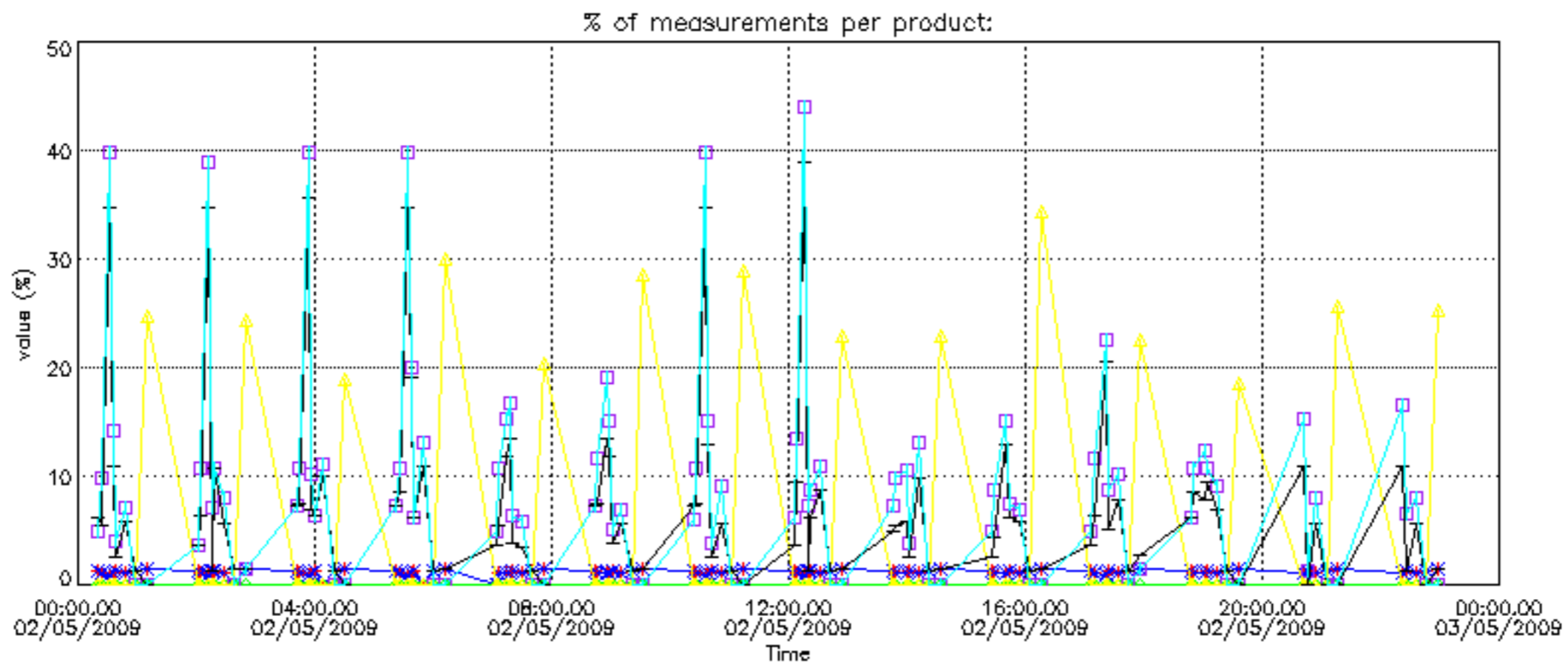
Percentage of flagged data per NO2 profile



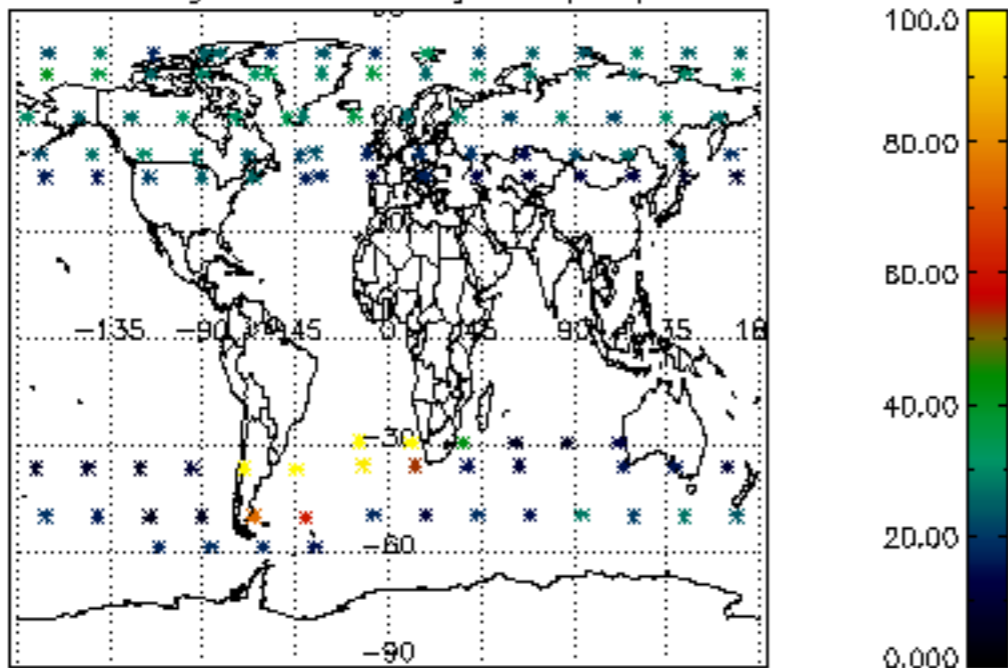
Percentage of flagged data per NO3 profile



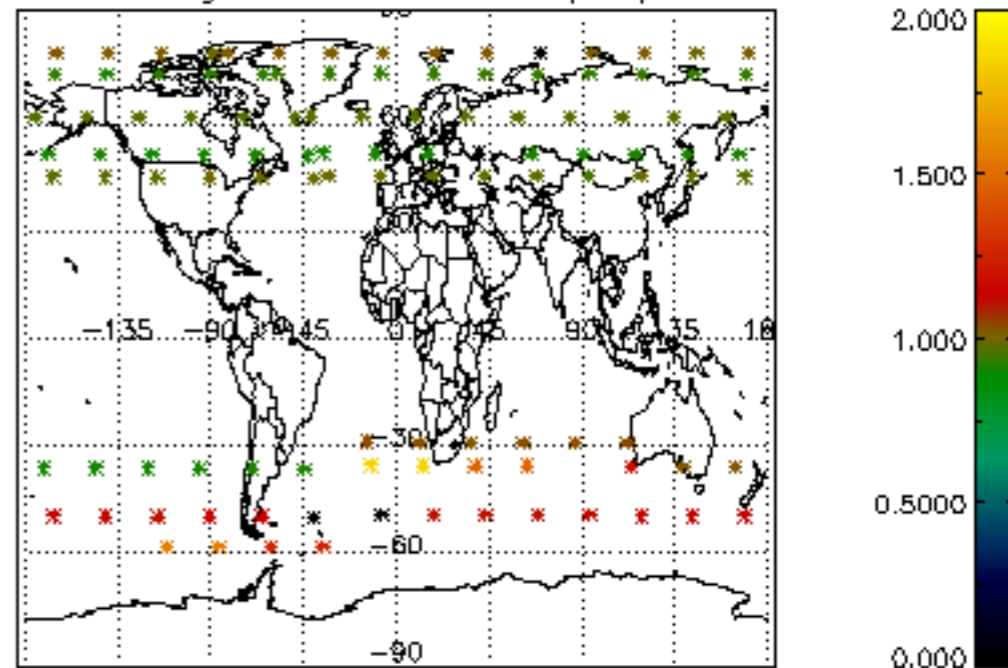




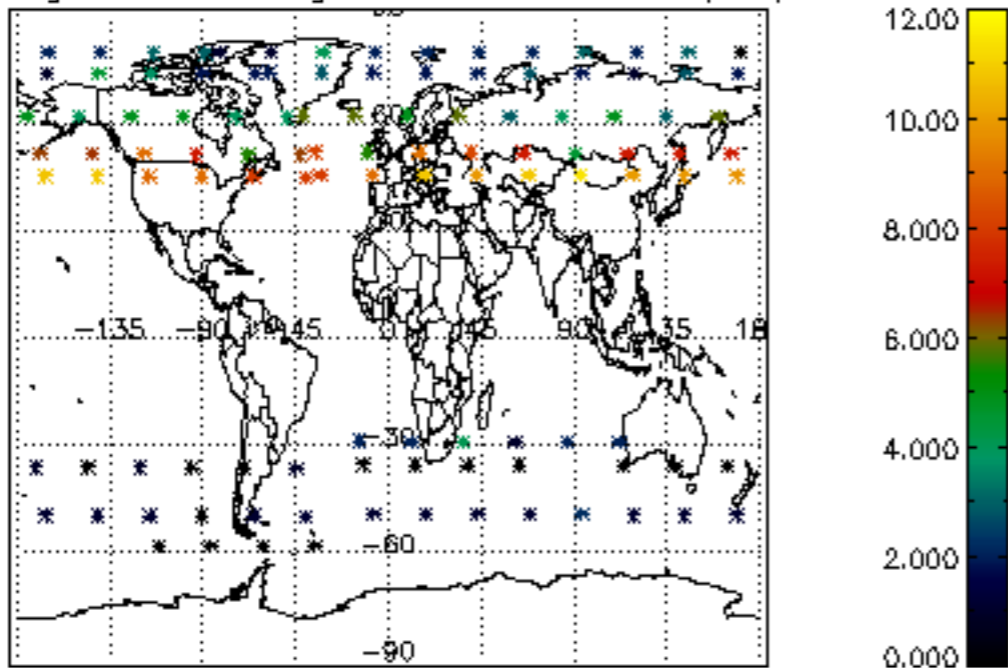
Percentage of cosmic ray hits per profile



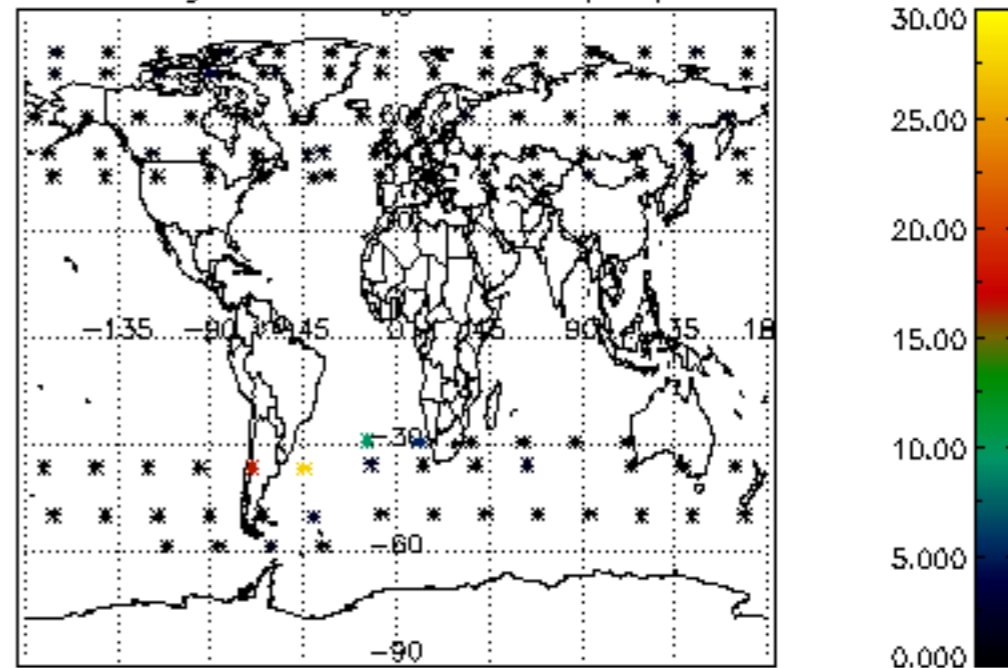
Percentage of datation errors per profile



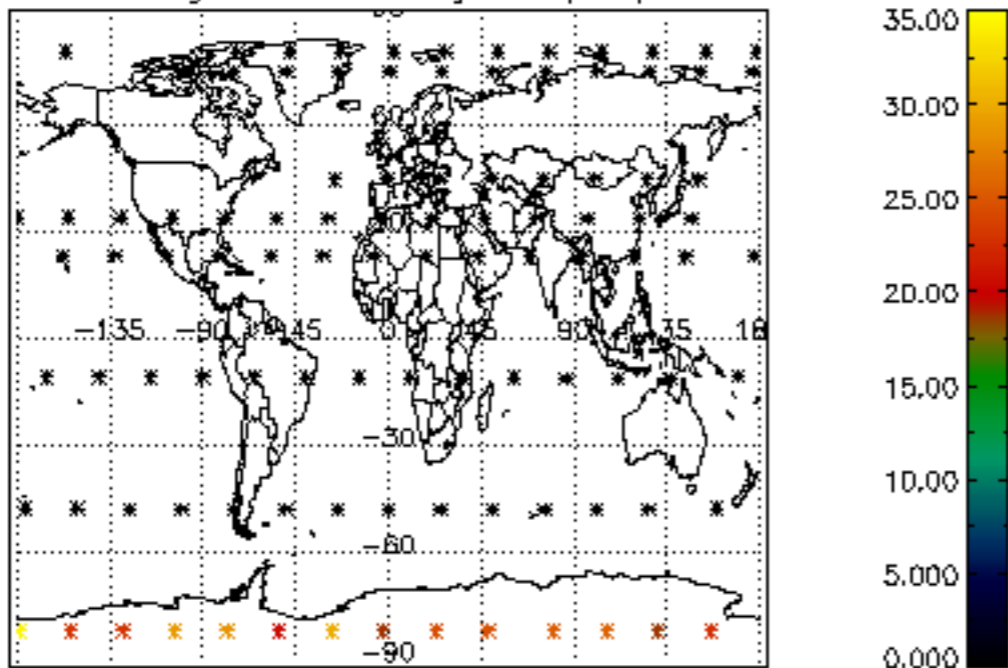
Percentage of star falling outside central band per profile



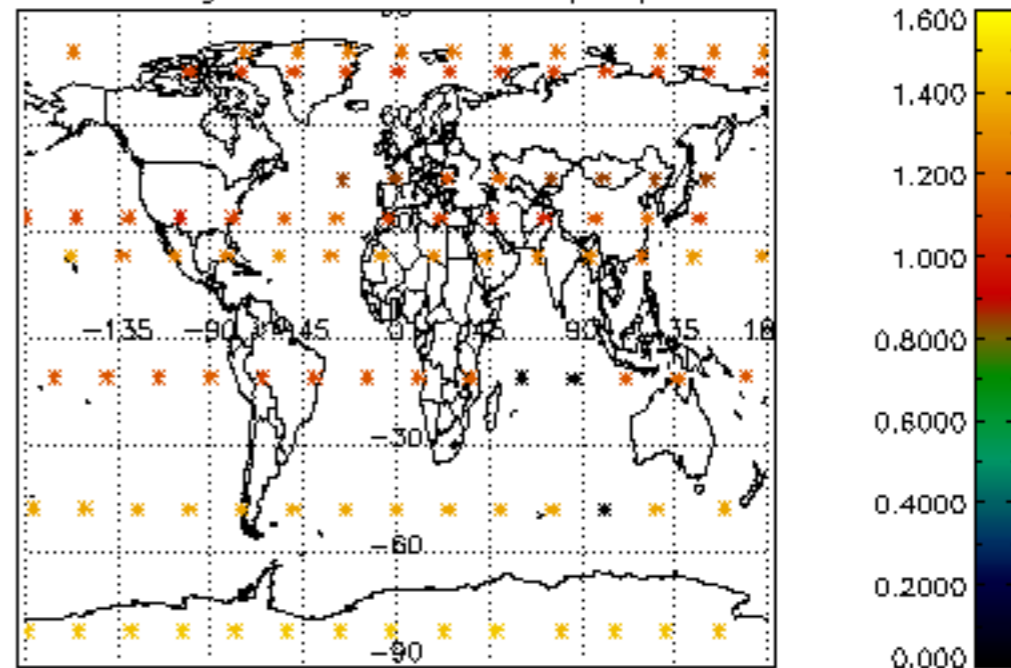
Percentage of saturation errors per profile



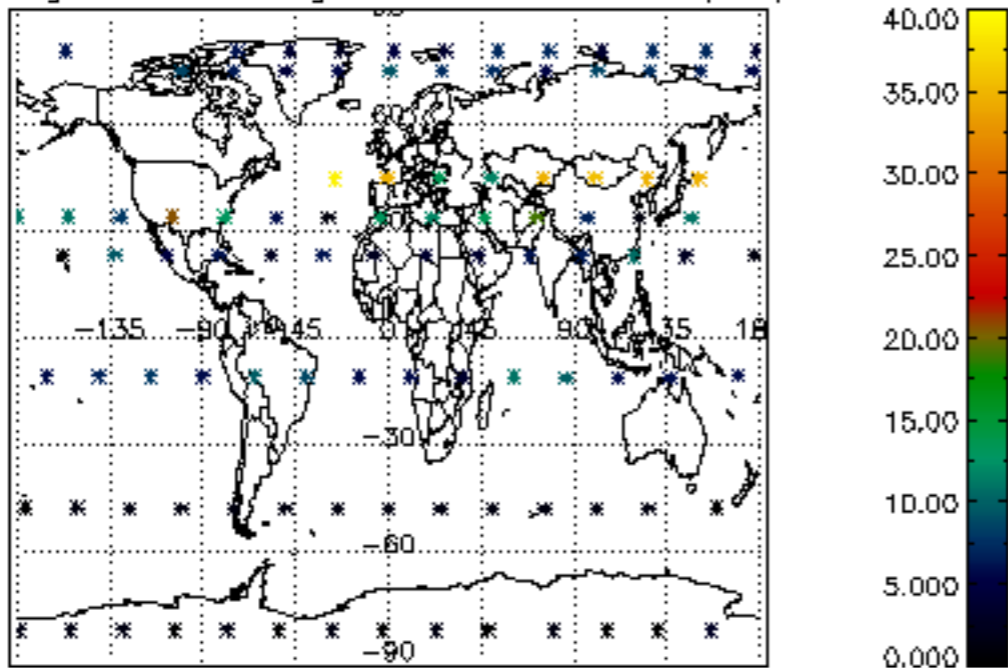
Percentage of cosmic ray hits per profile



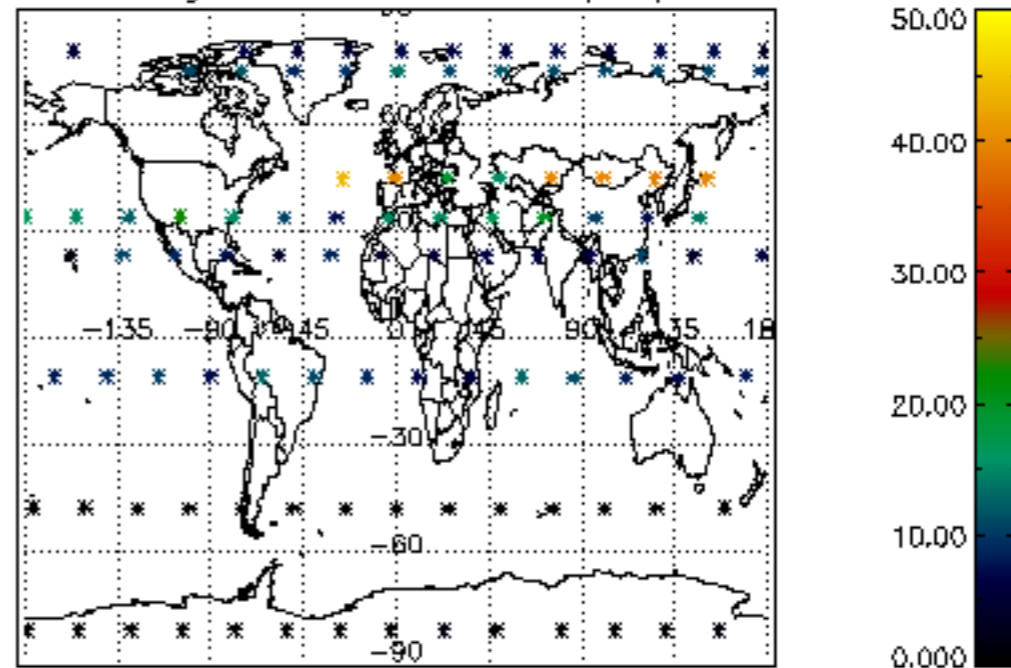
Percentage of datation errors per profile

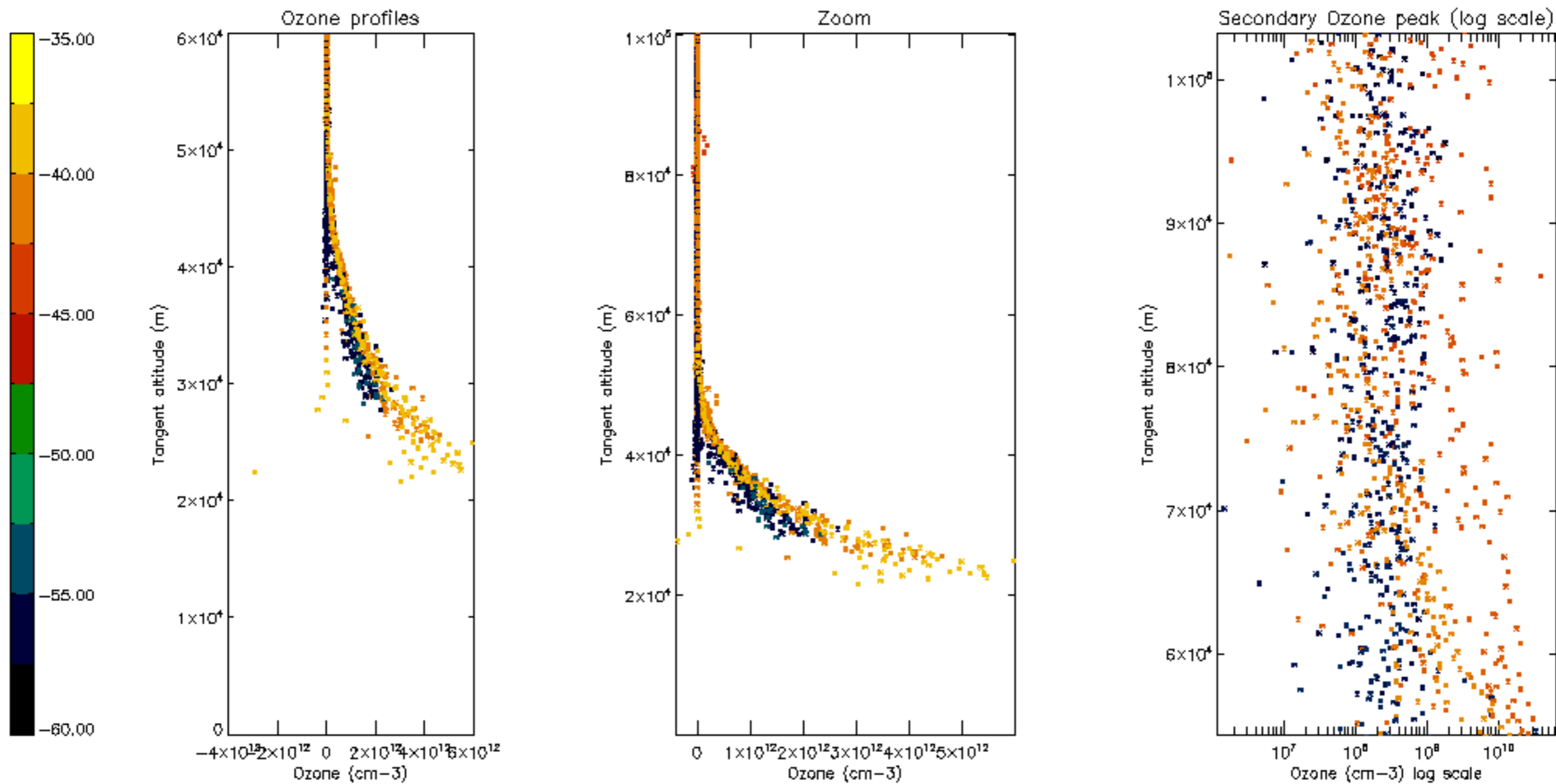


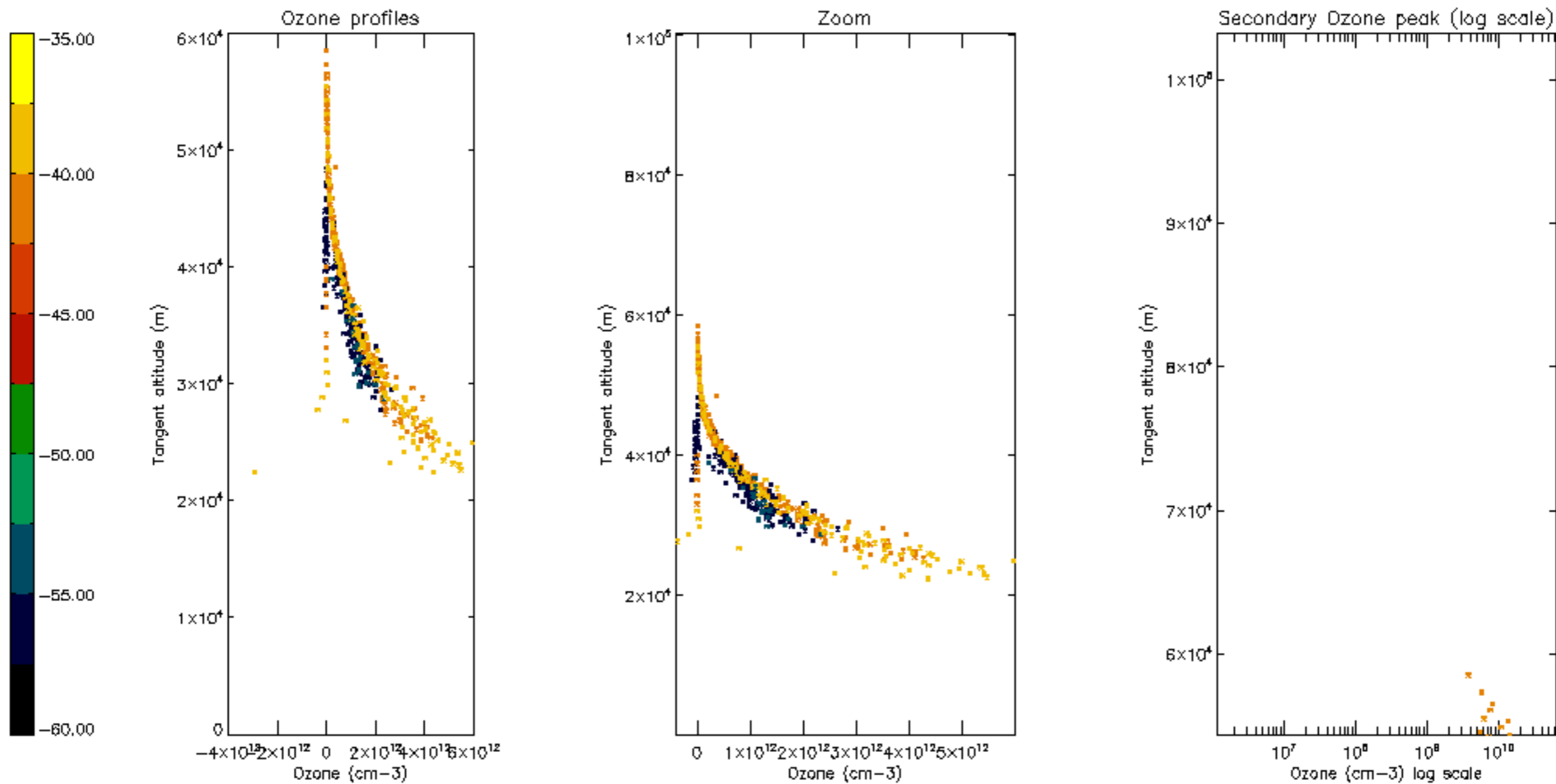
Percentage of star falling outside central band per profile

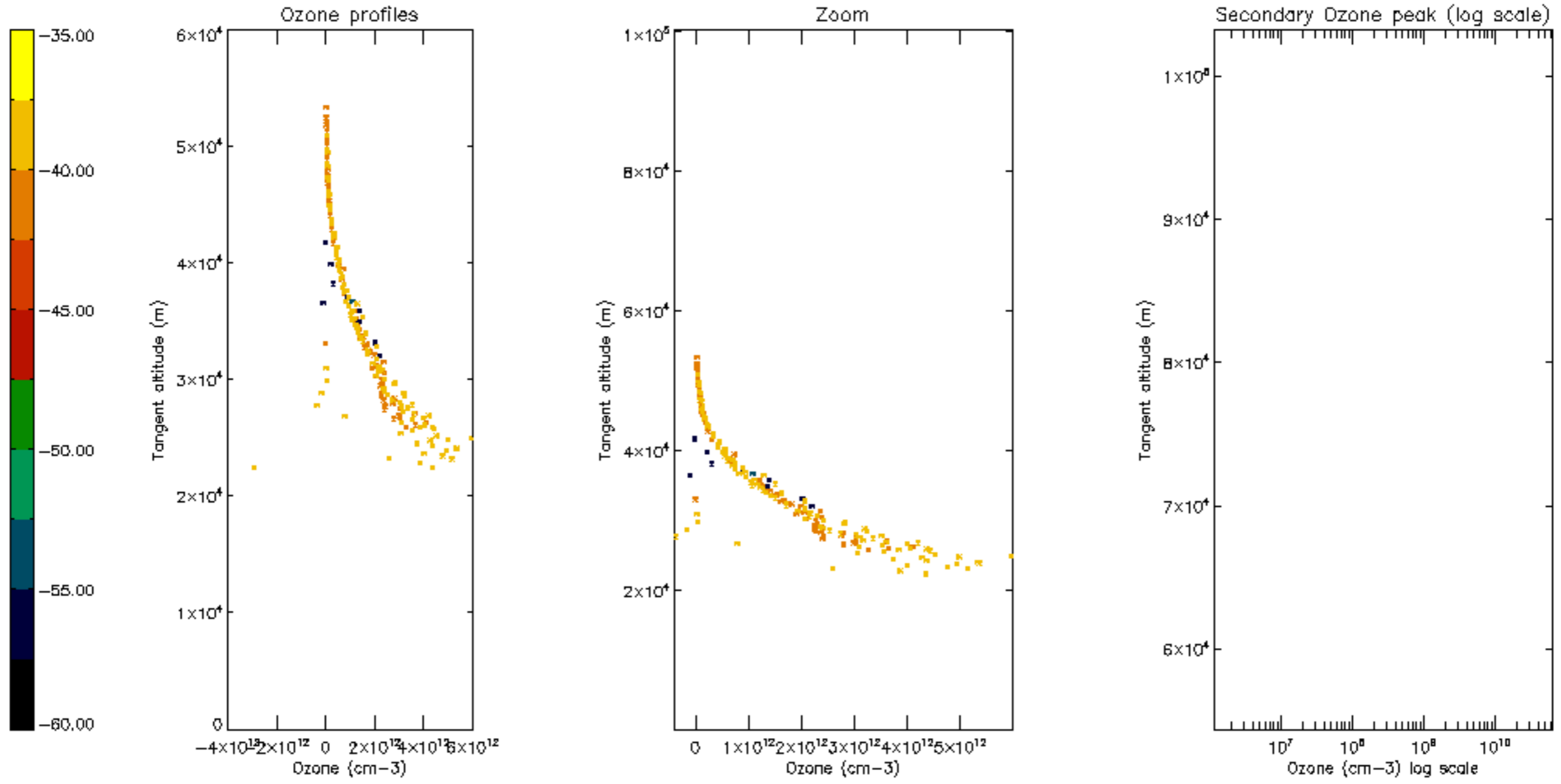


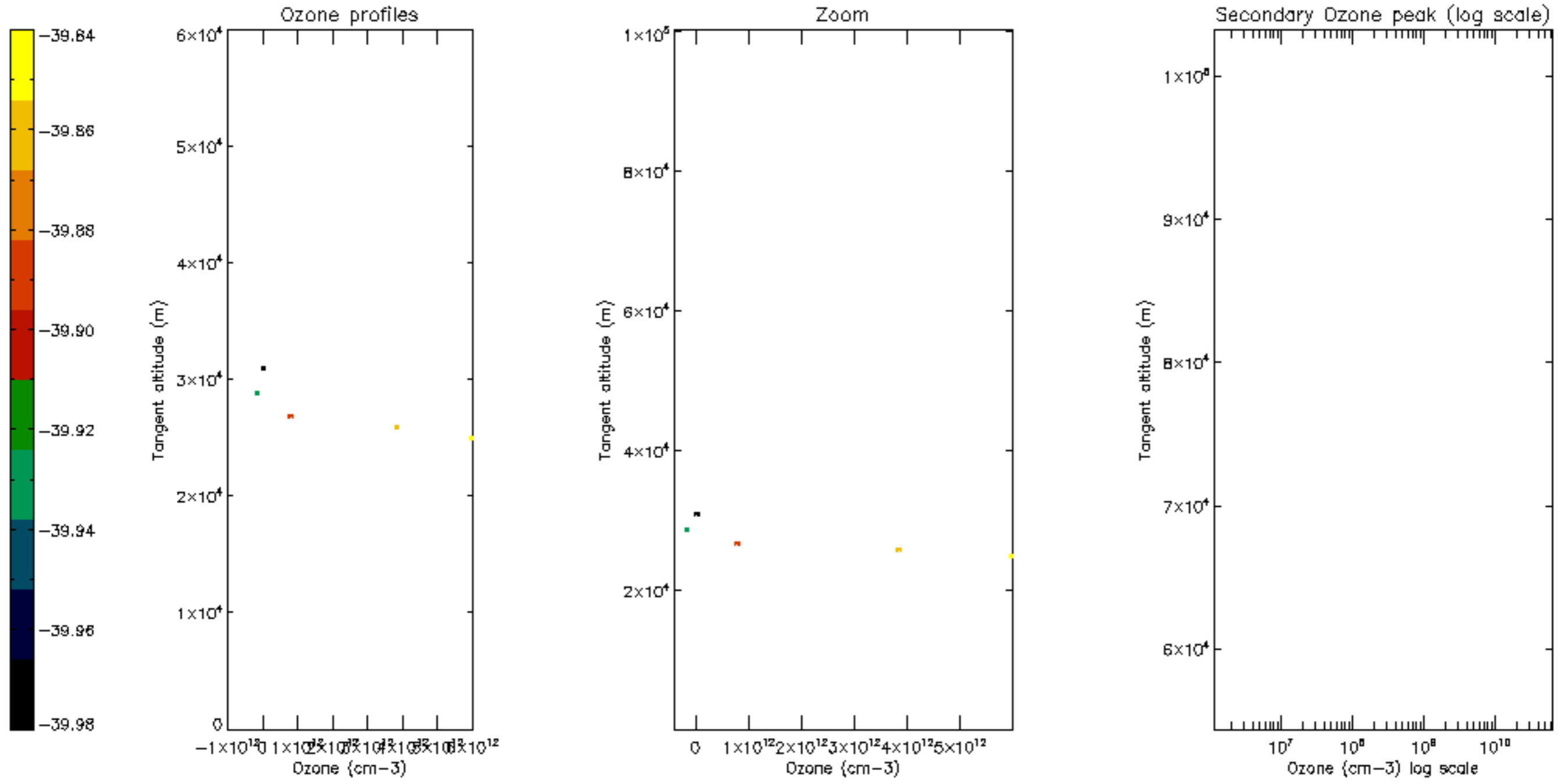
Percentage of saturation errors per profile

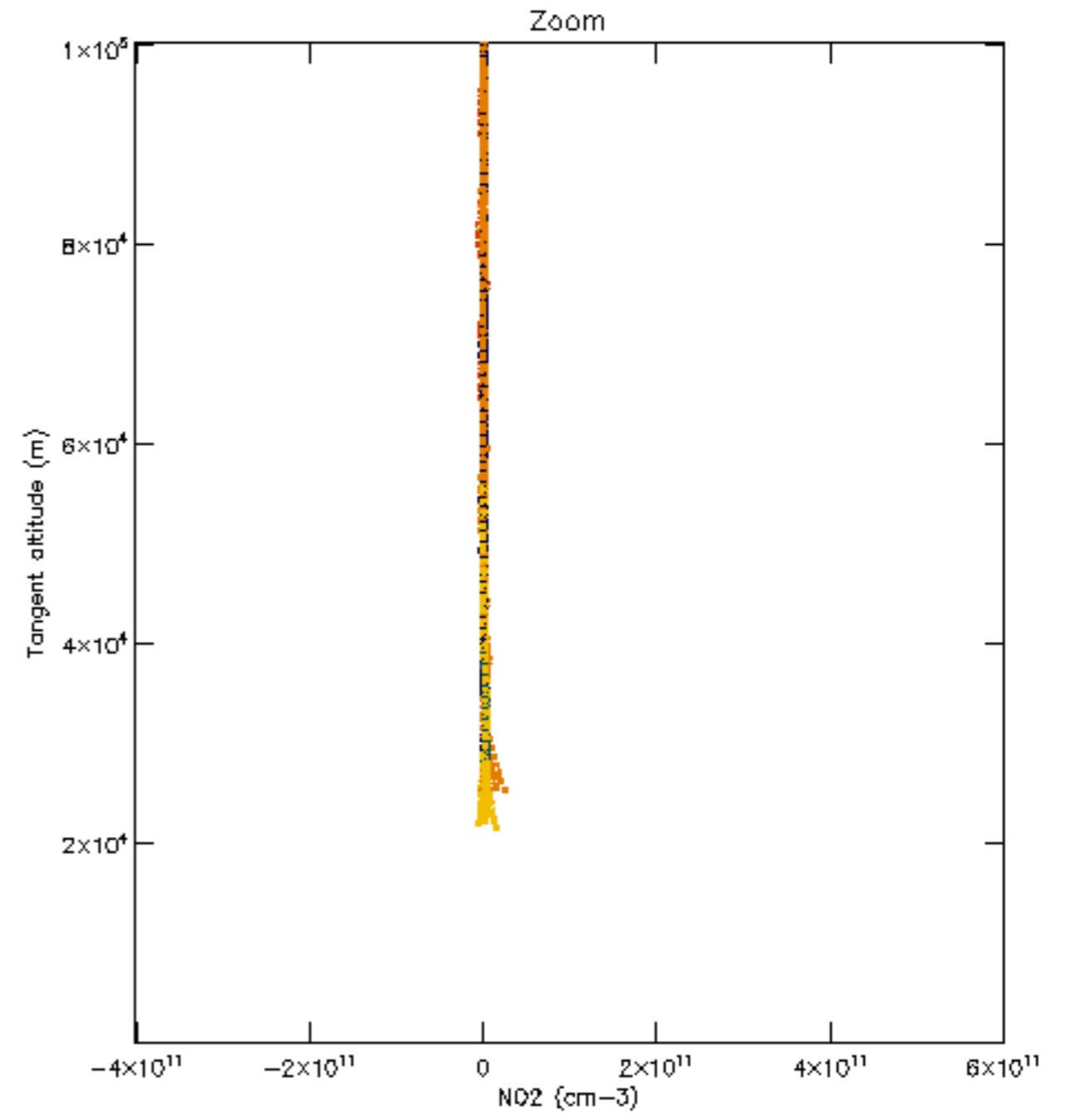
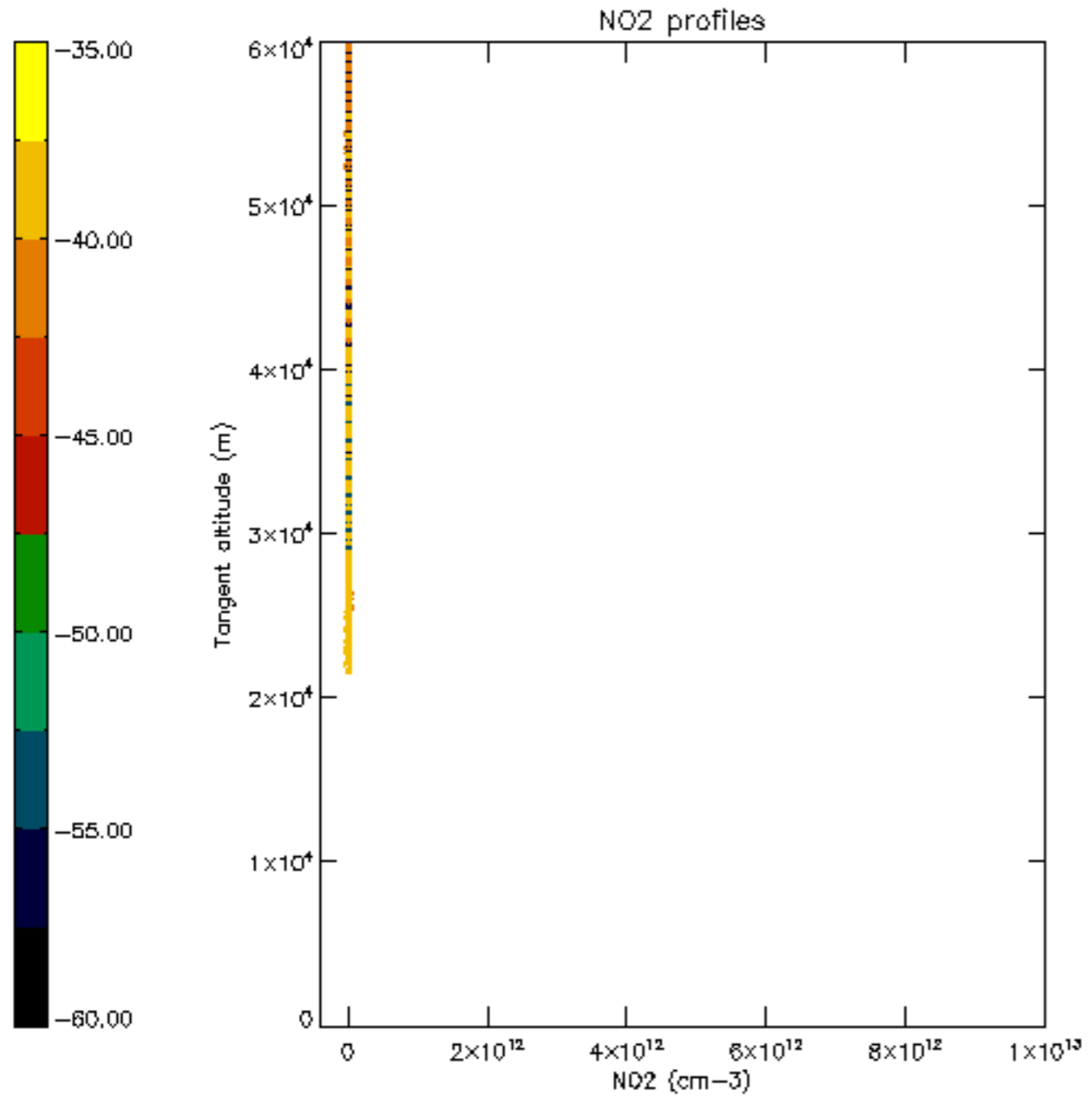


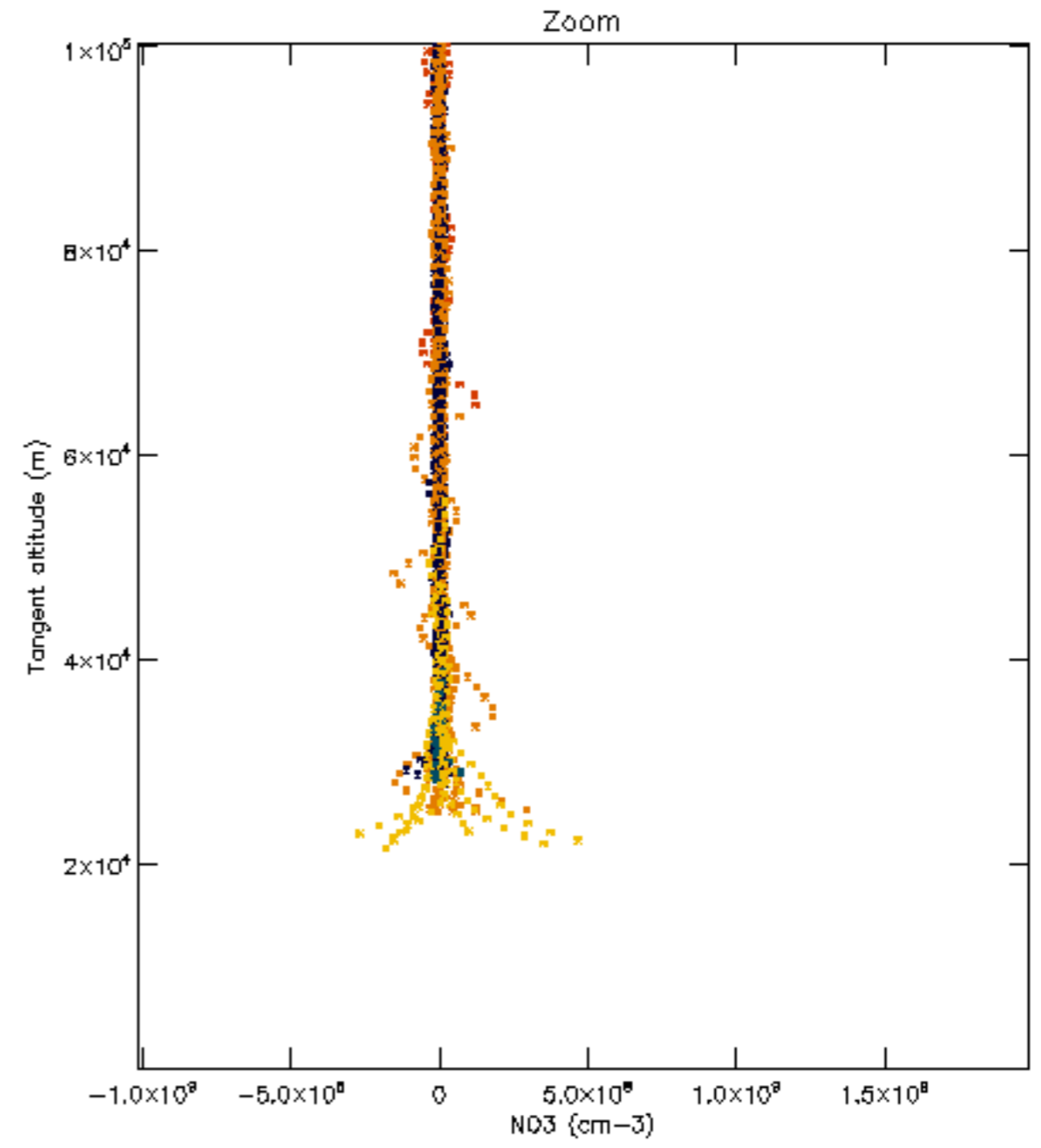
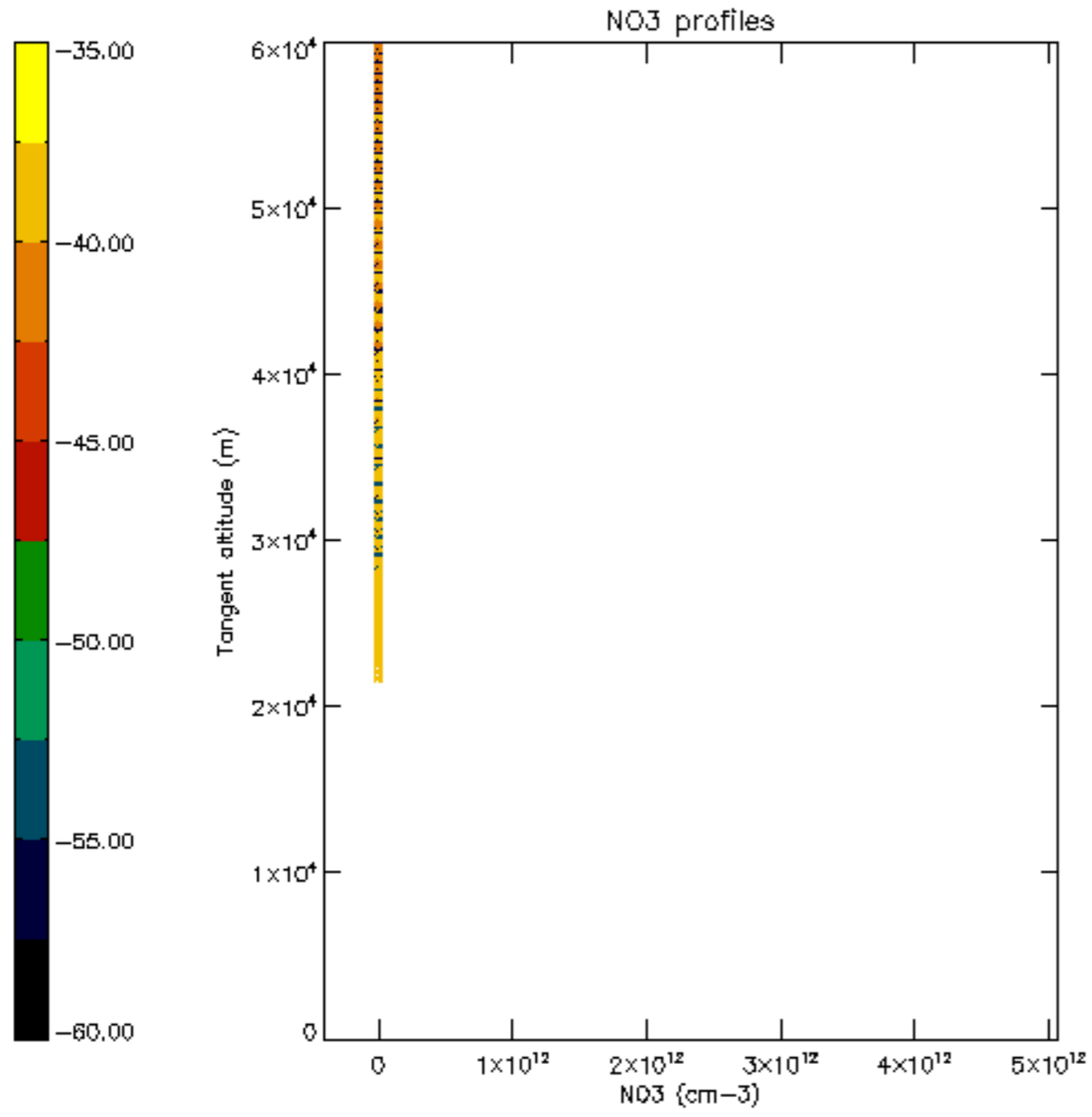


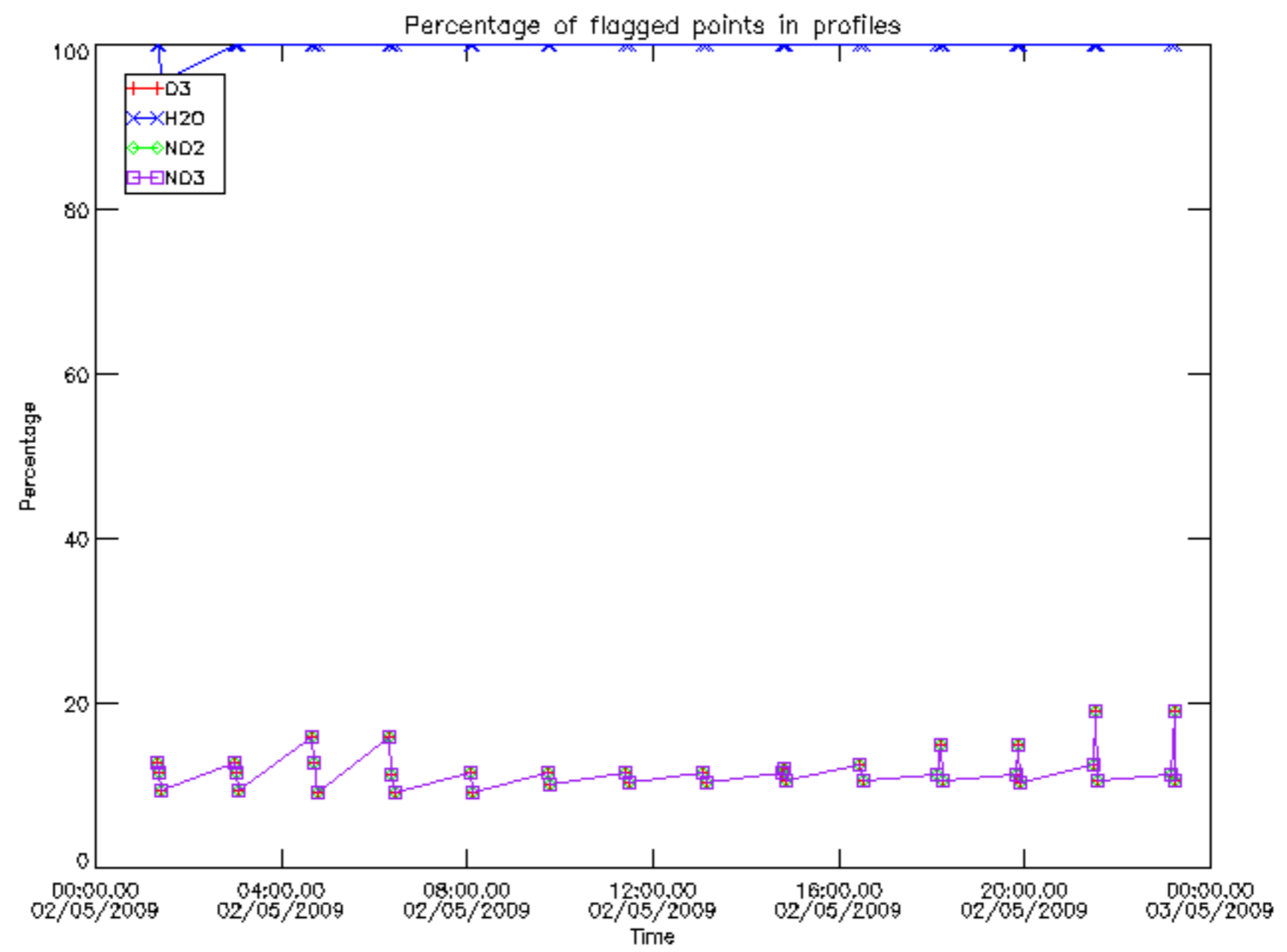




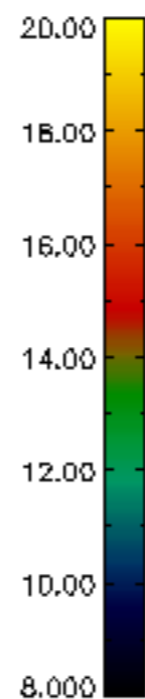
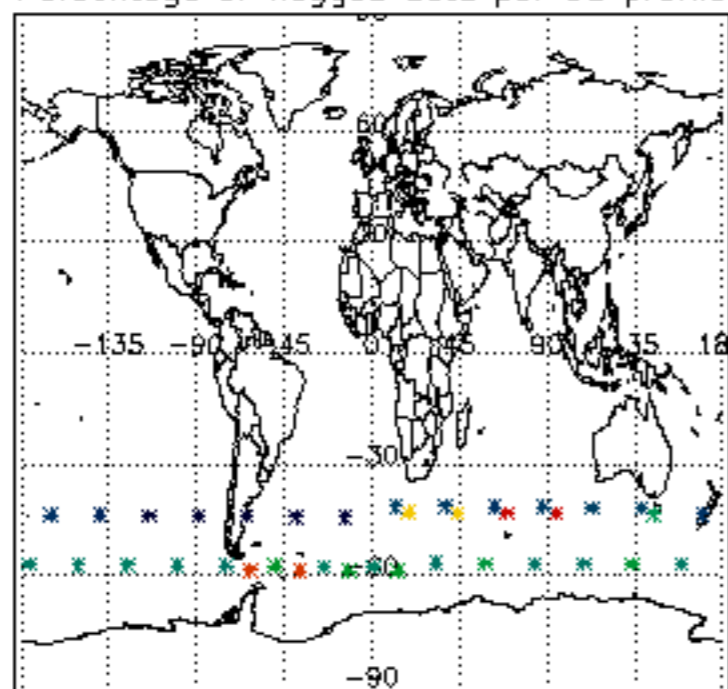




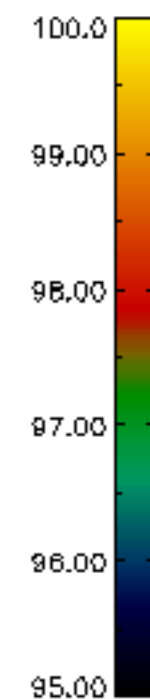
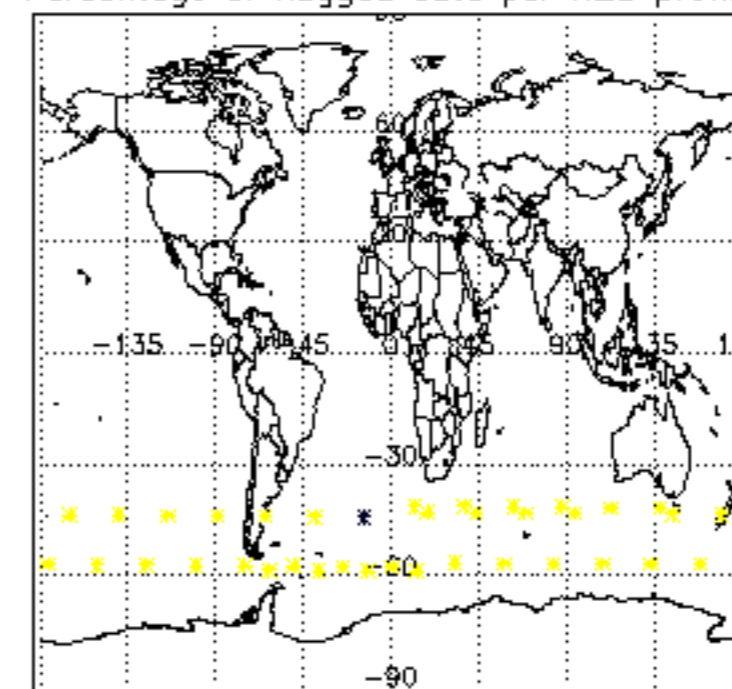




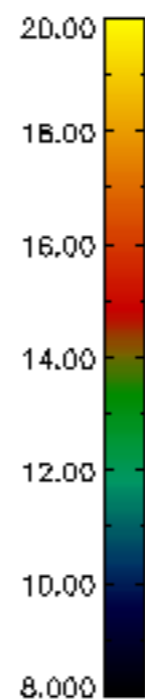
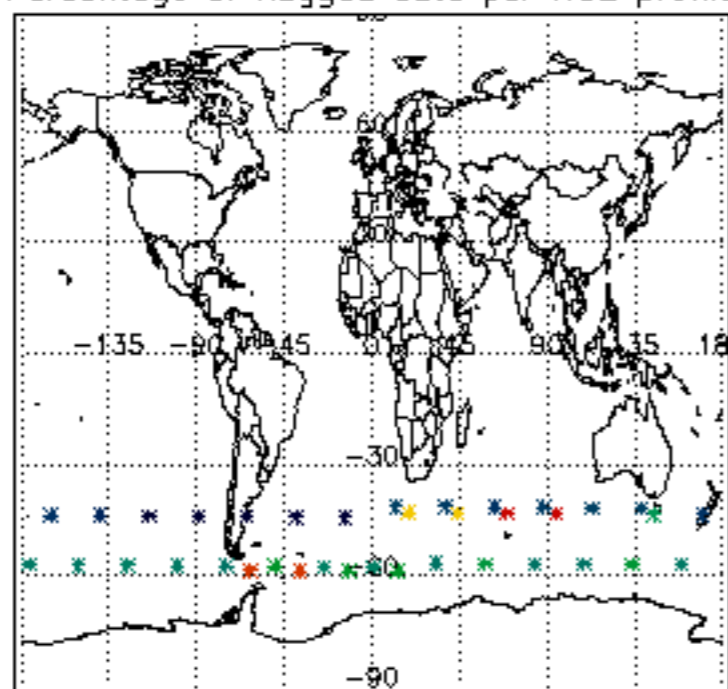
Percentage of flagged data per D3 profile



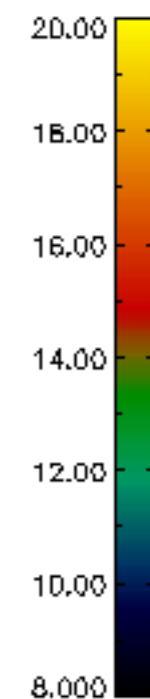
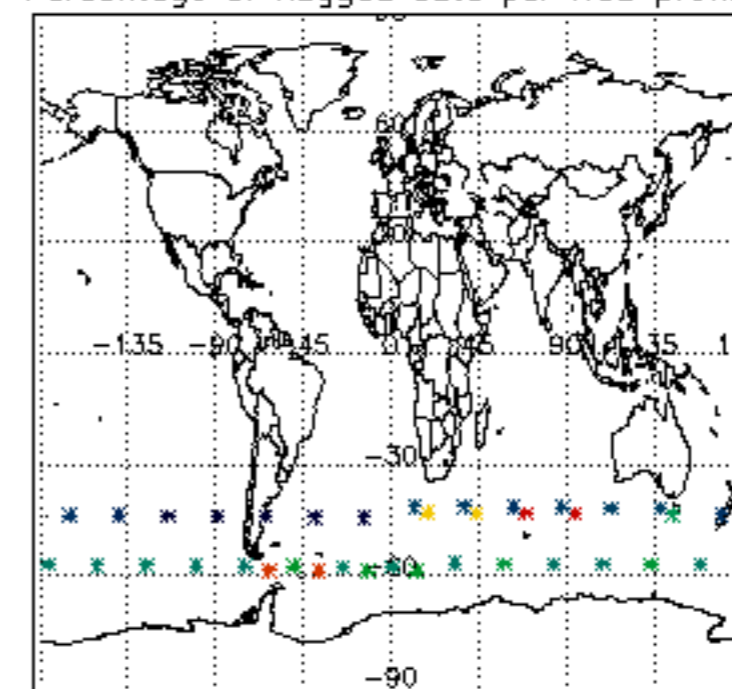
Percentage of flagged data per H2O profile

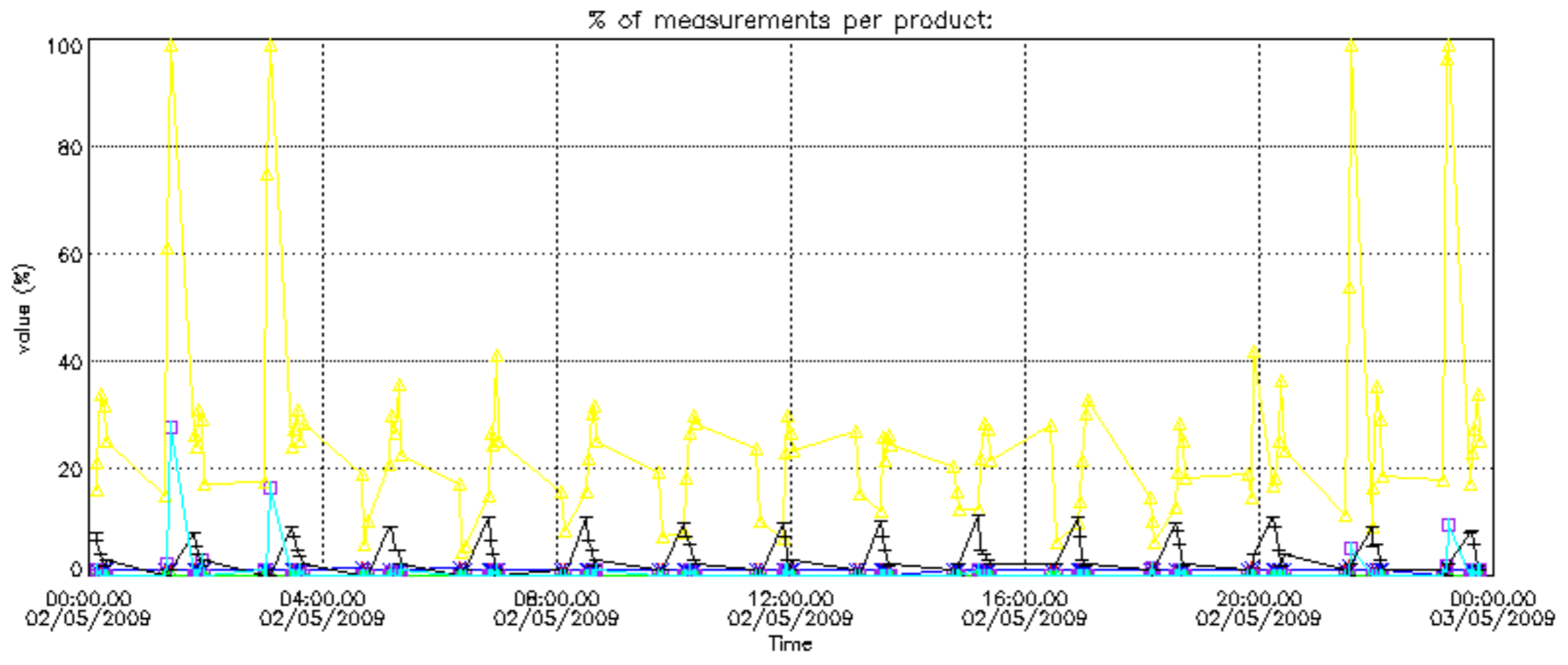


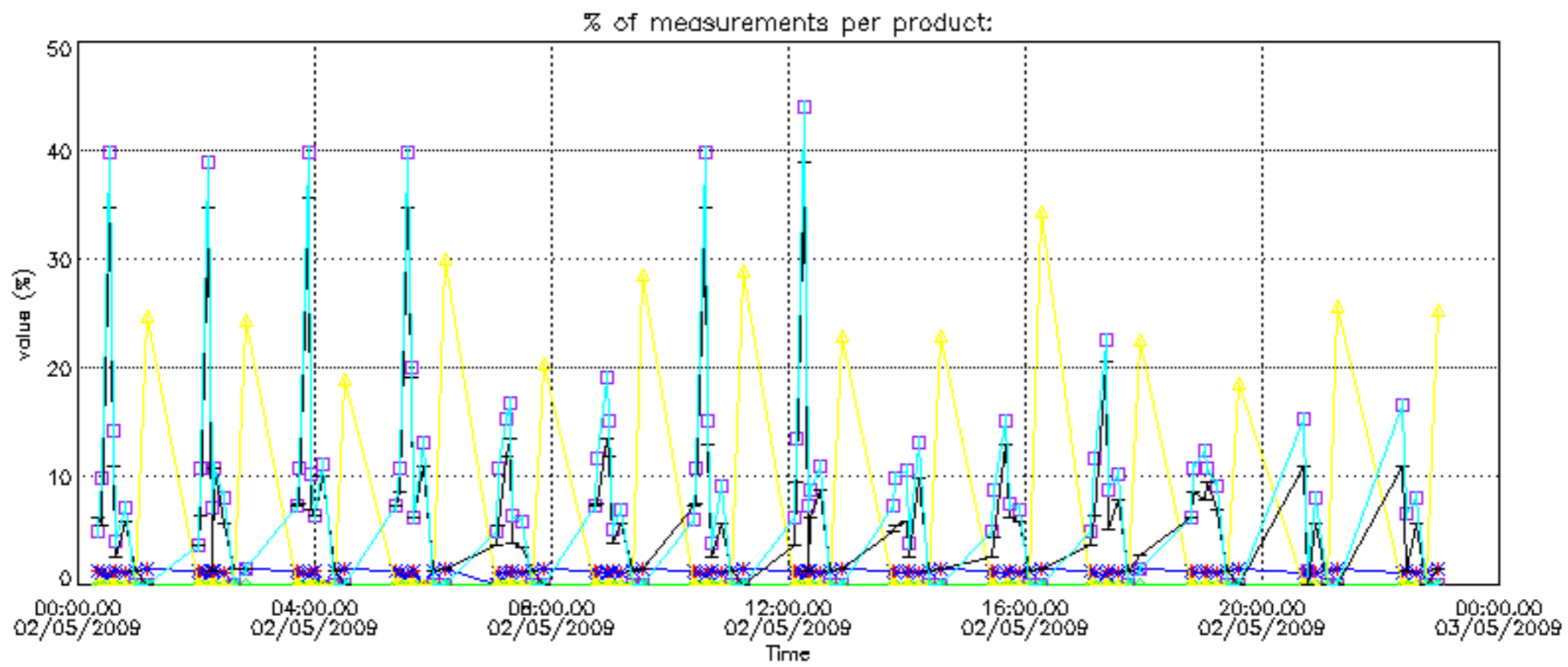
Percentage of flagged data per NO2 profile



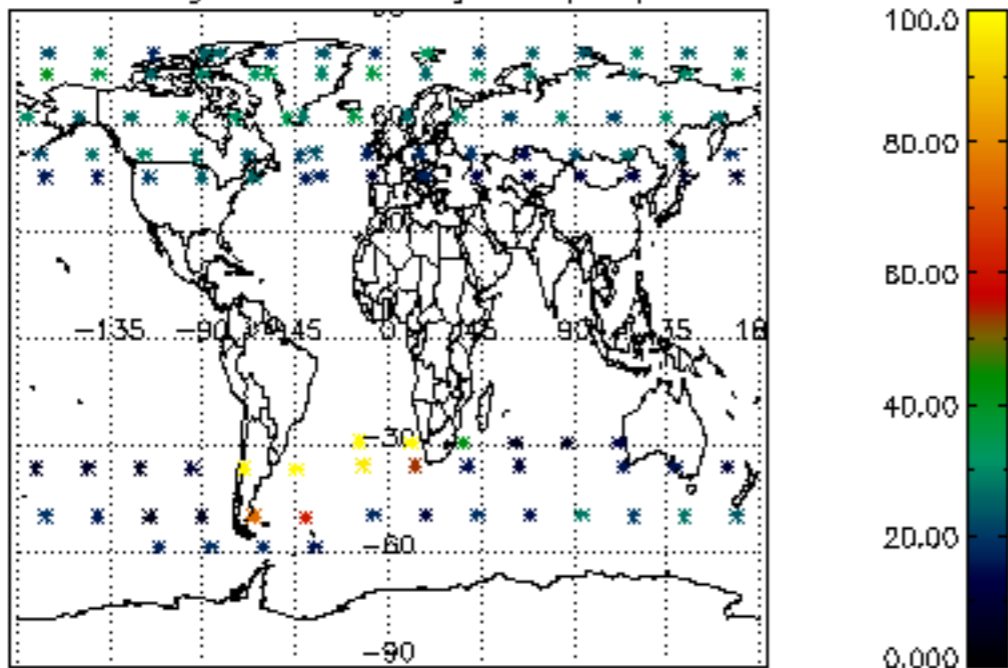
Percentage of flagged data per NO3 profile



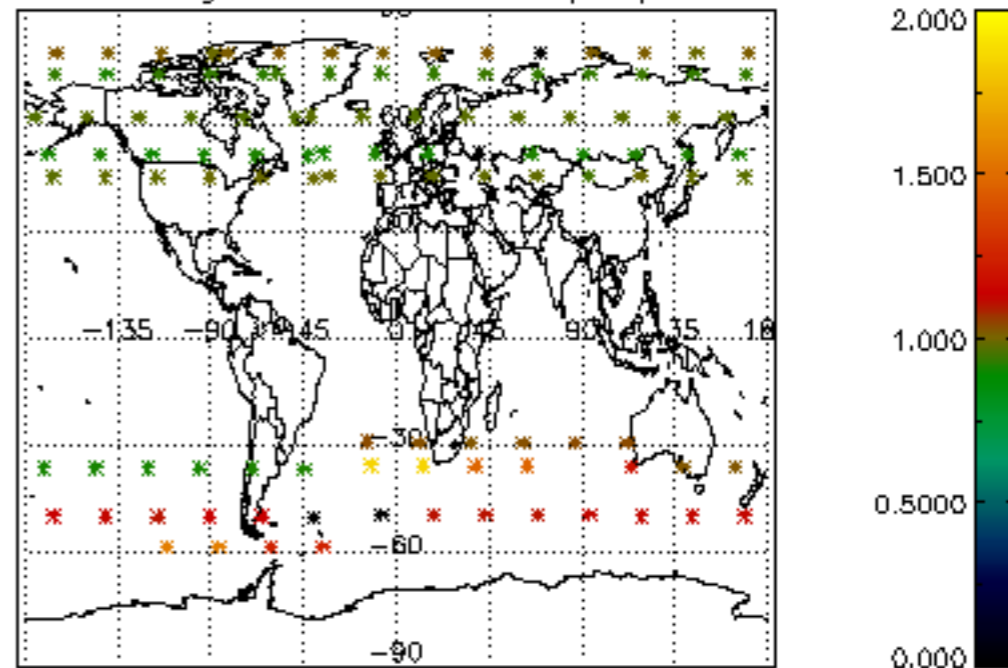




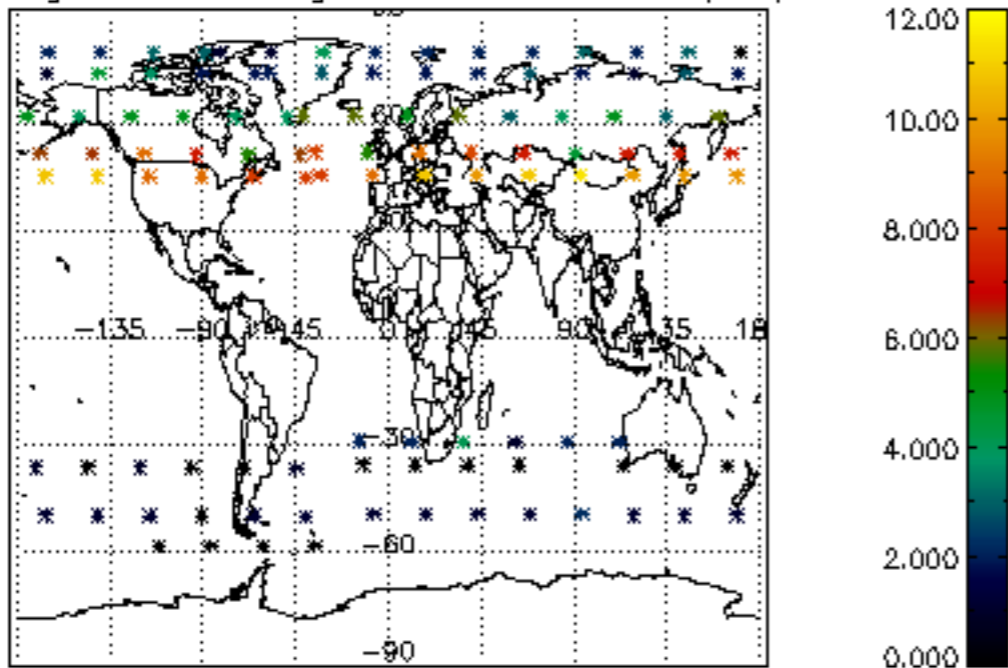
Percentage of cosmic ray hits per profile



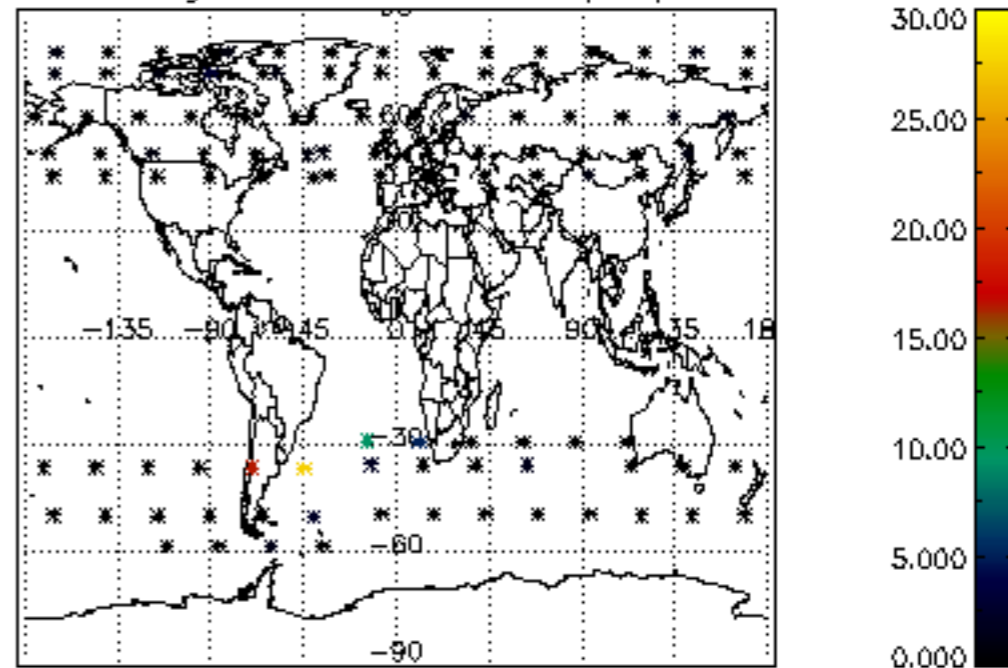
Percentage of datation errors per profile



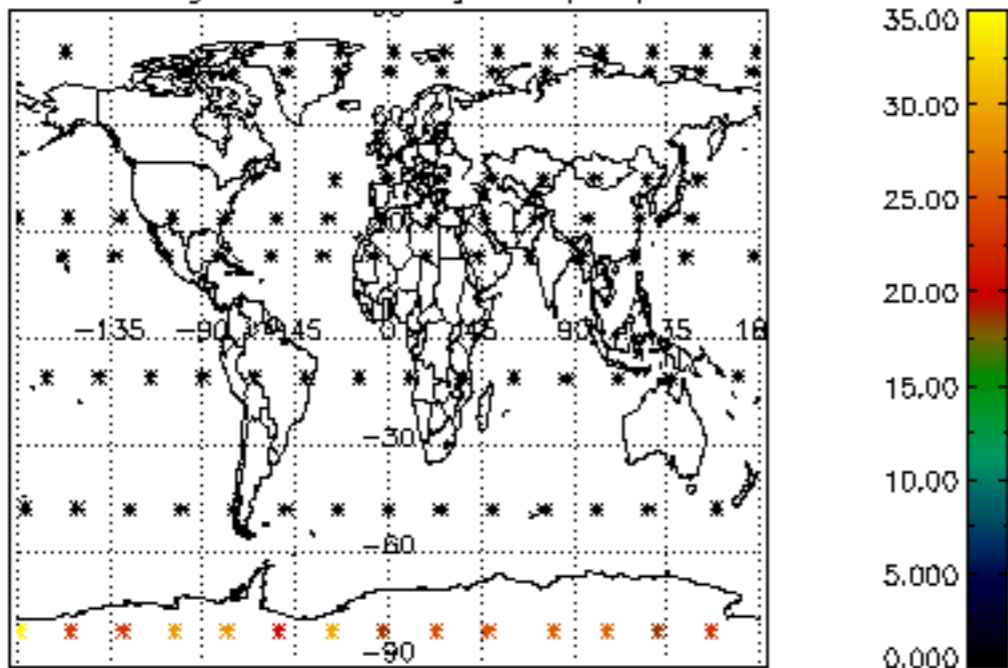
Percentage of star falling outside central band per profile



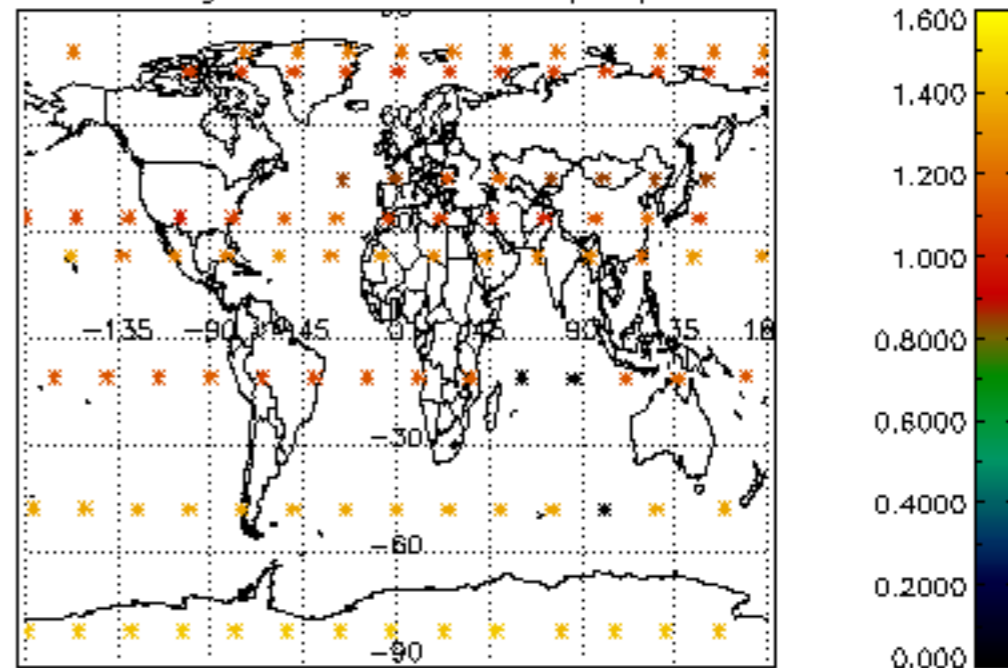
Percentage of saturation errors per profile



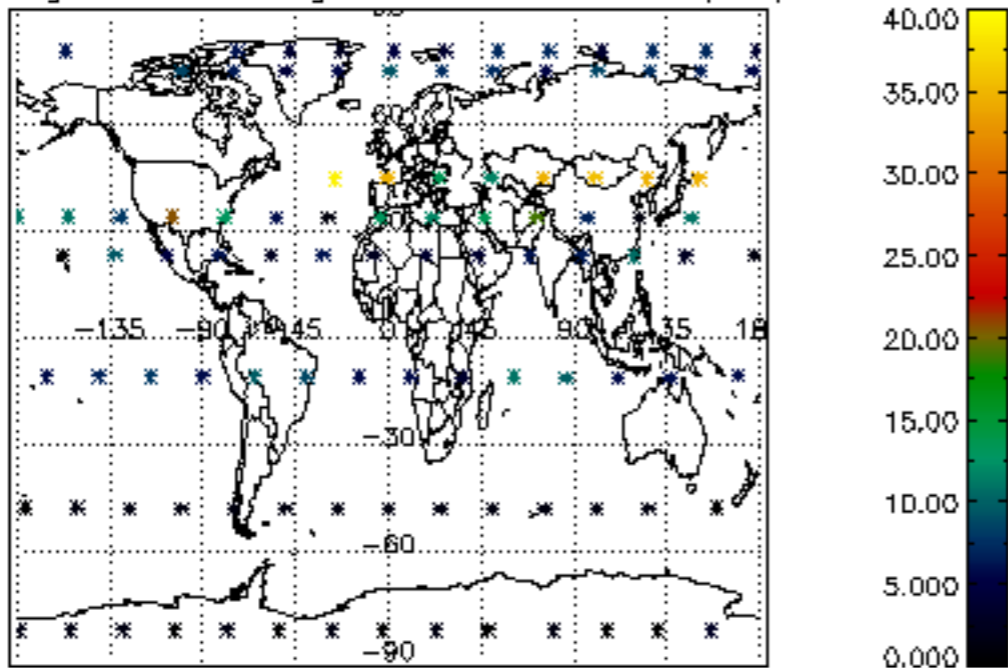
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

