

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 | 25APR2013 08:54:26 |
| Data source version | GOMOS/6.01 |
| Start time of products | 17-01-2008 (17JAN2008 00:00:00) |
| Stop time of products | 18-01-2008 (18JAN2008 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 203 |
| 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__2PRFIN20080117_134523_000000432065_00139_30754_8819.N1 | 17-JAN-2008 13:45:23 | Straylight | 43.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 86 | 30754 | No |
| 2 | GOM_NL__2PRFIN20080117_134648_000000402065_00139_30754_8820.N1 | 17-JAN-2008 13:46:48 | Straylight | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 30754 | No |
| 3 | GOM_NL__2PRFIN20080117_134901_000000452065_00139_30754_8821.N1 | 17-JAN-2008 13:49:01 | Straylight | 45.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 90 | 30754 | No |
| 4 | GOM_NL__2PRFIN20080117_135131_000000352065_00139_30754_8822.N1 | 17-JAN-2008 13:51:31 | Straylight | 35.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 70 | 30754 | No |
| 5 | GOM_NL__2PRFIN20080117_135359_000000372065_00139_30754_8823.N1 | 17-JAN-2008 13:53:59 | Twilight | 36.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 73 | 30754 | No |
| 6 | GOM_NL__2PRFIN20080117_135610_000000452065_00139_30754_8824.N1 | 17-JAN-2008 13:56:10 | Twilight | 45.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 90 | 30754 | No |
| 7 | GOM_NL__2PRFIN20080117_135836_000000432065_00139_30754_8825.N1 | 17-JAN-2008 13:58:36 | Bright | 42.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 85 | 30754 | No |
| 8 | GOM_NL__2PRFIN20080117_140007_000000372065_00139_30754_8826.N1 | 17-JAN-2008 14:00:07 | Bright | 37.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 74 | 30754 | No |
| 9 | GOM_NL__2PRFIN20080117_140217_000000372065_00139_30754_8827.N1 | 17-JAN-2008 14:02:17 | Bright | 36.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 73 | 30754 | No |
| 10 | GOM_NL__2PRFIN20080117_140429_000000362065_00139_30754_8828.N1 | 17-JAN-2008 14:04:29 | Bright | 35.500 | 107 | 37The Aur | 2.6490 | 11000. | 71 | 30754 | No |
| 11 | GOM_NL__2PRFIN20080117_140640_000000362065_00139_30754_8829.N1 | 17-JAN-2008 14:06:40 | Bright | 36.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 72 | 30754 | No |
| 12 | GOM_NL__2PRFIN20080117_141914_000000352065_00139_30754_8830.N1 | 17-JAN-2008 14:19:14 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 30754 | No |
| 13 | GOM_NL__2PRFIN20080117_142729_000000382065_00139_30754_8831.N1 | 17-JAN-2008 14:27:29 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 30754 | No |
| 14 | GOM_NL__2PRFIN20080117_143007_000000362065_00139_30754_8832.N1 | 17-JAN-2008 14:30:07 | Bright | 36.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 72 | 30754 | No |
| 15 | GOM_NL__2PRFIN20080117_143626_000000462065_00139_30754_8833.N1 | 17-JAN-2008 14:36:26 | Bright | 45.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 91 | 30754 | No |
| 16 | GOM_NL__2PRFIN20080117_143934_000000302065_00139_30754_8834.N1 | 17-JAN-2008 14:39:34 | Bright | 30.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 60 | 30754 | No |
| 17 | GOM_NL__2PRFIN20080117_144115_000000342065_00139_30754_8835.N1 | 17-JAN-2008 14:41:15 | Bright | 33.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 67 | 30754 | No |
| 18 | GOM_NL__2PRFIN20080117_144322_000000332065_00139_30754_8836.N1 | 17-JAN-2008 14:43:22 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30754 | No |
| 19 | GOM_NL__2PRFIN20080117_144717_000000392065_00139_30754_8837.N1 | 17-JAN-2008 14:47:17 | Bright | 39.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 78 | 30754 | No |
| 20 | GOM_NL__2PRFIN20080117_144837_000000542065_00139_30754_8838.N1 | 17-JAN-2008 14:48:37 | Bright | 54.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 108 | 30754 | No |
| 21 | GOM_NL__2PRFIN20080117_145305_000000482065_00139_30754_8839.N1 | 17-JAN-2008 14:53:05 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 30754 | No |
| 22 | GOM_NL__2PRFIN20080117_145444_000000432065_00139_30754_8840.N1 | 17-JAN-2008 14:54:44 | Twilight | 43.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 86 | 30754 | No |
| 23 | GOM_NL__2PRFIN20080117_145824_000000382065_00139_30754_8841.N1 | 17-JAN-2008 14:58:24 | Dark | 38.000 | 131 | Gam Lup | 2.8000 | 26000. | 76 | 30754 | No |
| 24 | GOM_NL__2PRFIN20080117_150012_000000402065_00139_30754_8842.N1 | 17-JAN-2008 15:00:12 | Dark | 40.000 | 109 | Bet Lup | 2.6770 | 26000. | 80 | 30754 | No |
| 25 | GOM_NL__2PRFIN20080117_150142_000000402065_00139_30754_8843.N1 | 17-JAN-2008 15:01:42 | Dark | 39.500 | 78 | Alp Lup | 2.3040 | 28000. | 79 | 30754 | No |
| 26 | GOM_NL__2PRFIN20080117_150412_000000412065_00140_30755_8829.N1 | 17-JAN-2008 15:04:12 | Dark | 41.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 82 | 30755 | No |
| 27 | GOM_NL__2PRFIN20080117_150903_000000412065_00140_30755_8830.N1 | 17-JAN-2008 15:09:03 | Dark | 40.500 | 129 | Del Cru | 2.7930 | 26000. | 81 | 30755 | No |
| 28 | GOM_NL__2PRFIN20080117_151151_000000392065_00140_30755_8831.N1 | 17-JAN-2008 15:11:51 | Dark | 38.500 | 124 | The Car | 2.7640 | 30000. | 77 | 30755 | No |
| 29 | GOM_NL__2PRFIN20080117_151309_000000372065_00140_30755_8832.N1 | 17-JAN-2008 15:13:09 | Dark | 37.000 | 29 | Bet Car | 1.6720 | 10200. | 74 | 30755 | No |
| 30 | GOM_NL__2PRFIN20080117_151507_000000402065_00140_30755_8833.N1 | 17-JAN-2008 15:15:07 | Dark | 39.500 | 71 | lot Car | 2.2460 | 7700.0 | 79 | 30755 | No |
| 31 | GOM_NL__2PRFIN20080117_151659_000000442065_00140_30755_8834.N1 | 17-JAN-2008 15:16:59 | Dark | 43.500 | 46 | Del Vel | 1.9540 | 10600. | 87 | 30755 | No |
| 32 | GOM_NL__2PRFIN20080117_151941_000000432065_00140_30755_8835.N1 | 17-JAN-2008 15:19:41 | Dark | 42.500 | 34 | Gam2Vel | 1.7930 | 23000. | 85 | 30755 | No |
| 33 | GOM_NL__2PRFIN20080117_152149_000000422065_00140_30755_8836.N1 | 17-JAN-2008 15:21:49 | Dark | 42.000 | 70 | Zet Pup | 2.2460 | 39000. | 84 | 30755 | No |
| 34 | GOM_NL__2PRFIN20080117_152327_000000452065_00140_30755_8837.N1 | 17-JAN-2008 15:23:27 | Straylight | 44.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 89 | 30755 | No |
| 35 | GOM_NL__2PRFIN20080117_152559_000000422065_00140_30755_8838.N1 | 17-JAN-2008 15:25:59 | Straylight | 42.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 84 | 30755 | No |
| 36 | GOM_NL__2PRFIN20080117_152724_000000382065_00140_30755_8839.N1 | 17-JAN-2008 15:27:24 | Straylight | 37.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 75 | 30755 | No |
| 37 | GOM_NL__2PRFIN20080117_152937_000000382065_00140_30755_8840.N1 | 17-JAN-2008 15:29:37 | Straylight | 38.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 76 | 30755 | No |
| 38 | GOM_NL__2PRFIN20080117_153207_000000362065_00140_30755_8841.N1 | 17-JAN-2008 15:32:07 | Straylight | 35.500 | 56 | 53Kap Ori | 2.0650 | 30000. | 71 | 30755 | No |
| 39 | GOM_NL__2PRFIN20080117_153435_000000412065_00140_30755_8842.N1 | 17-JAN-2008 15:34:35 | Twilight | 40.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 81 | 30755 | No |
| 40 | GOM_NL__2PRFIN20080117_153646_000000472065_00140_30755_8843.N1 | 17-JAN-2008 15:36:46 | Twilight | 46.500 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 93 | 30755 | No |
| 41 | GOM_NL__2PRFIN20080117_153912_000000402065_00140_30755_8844.N1 | 17-JAN-2008 15:39:12 | Bright | 40.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 80 | 30755 | No |
| 42 | GOM_NL__2PRFIN20080117_154043_000000352065_00140_30755_8845.N1 | 17-JAN-2008 15:40:43 | Bright | 34.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 69 | 30755 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20080117_154253_000000362065_00140_30755_8846.N1 | 17-JAN-2008 15:42:53 | Bright | 36.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 72 | 30755 | No |
| 44 | GOM_NL__2PRFIN20080117_154505_000000362065_00140_30755_8847.N1 | 17-JAN-2008 15:45:05 | Bright | 35.500 | 107 | 37The Aur | 2.6490 | 11000. | 71 | 30755 | No |
| 45 | GOM_NL__2PRFIN20080117_154716_000000362065_00140_30755_8848.N1 | 17-JAN-2008 15:47:16 | Bright | 35.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 71 | 30755 | No |
| 46 | GOM_NL__2PRFIN20080117_155950_000000362065_00140_30755_8849.N1 | 17-JAN-2008 15:59:50 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 30755 | No |
| 47 | GOM_NL__2PRFIN20080117_160805_000000382065_00140_30755_8850.N1 | 17-JAN-2008 16:08:05 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 30755 | No |
| 48 | GOM_NL__2PRFIN20080117_161043_000000372065_00140_30755_8851.N1 | 17-JAN-2008 16:10:43 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 30755 | No |
| 49 | GOM_NL__2PRFIN20080117_161702_000000422065_00140_30755_8852.N1 | 17-JAN-2008 16:17:02 | Bright | 42.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 84 | 30755 | No |
| 50 | GOM_NL__2PRFIN20080117_162010_000000302065_00140_30755_8853.N1 | 17-JAN-2008 16:20:10 | Bright | 30.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 60 | 30755 | No |
| 51 | GOM_NL__2PRFIN20080117_162151_000000342065_00140_30755_8854.N1 | 17-JAN-2008 16:21:51 | Bright | 33.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 67 | 30755 | No |
| 52 | GOM_NL__2PRFIN20080117_162358_000000332065_00140_30755_8855.N1 | 17-JAN-2008 16:23:58 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30755 | No |
| 53 | GOM_NL__2PRFIN20080117_162753_000000392065_00140_30755_8856.N1 | 17-JAN-2008 16:27:53 | Bright | 39.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 78 | 30755 | No |
| 54 | GOM_NL__2PRFIN20080117_162913_000000452065_00140_30755_8857.N1 | 17-JAN-2008 16:29:13 | Bright | 44.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 89 | 30755 | No |
| 55 | GOM_NL__2PRFIN20080117_163341_000000492065_00140_30755_8858.N1 | 17-JAN-2008 16:33:41 | Twilight | 49.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 98 | 30755 | No |
| 56 | GOM_NL__2PRFIN20080117_163520_000000422065_00140_30755_8859.N1 | 17-JAN-2008 16:35:20 | Twilight | 42.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 84 | 30755 | No |
| 57 | GOM_NL__2PRFIN20080117_163900_000000402065_00140_30755_8860.N1 | 17-JAN-2008 16:39:00 | Dark | 39.500 | 131 | Gam Lup | 2.8000 | 26000. | 79 | 30755 | No |
| 58 | GOM_NL__2PRFIN20080117_164048_000000402065_00140_30755_8861.N1 | 17-JAN-2008 16:40:48 | Dark | 39.500 | 109 | Bet Lup | 2.6770 | 26000. | 79 | 30755 | No |
| 59 | GOM_NL__2PRFIN20080117_164219_000000412065_00140_30755_8862.N1 | 17-JAN-2008 16:42:19 | Dark | 41.000 | 78 | Alp Lup | 2.3040 | 28000. | 82 | 30755 | No |
| 60 | GOM_NL__2PRFIN20080117_164449_000000522065_00141_30756_8854.N1 | 17-JAN-2008 16:44:49 | Dark | 51.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 103 | 30756 | No |
| 61 | GOM_NL__2PRFIN20080117_164940_000000412065_00141_30756_8855.N1 | 17-JAN-2008 16:49:40 | Dark | 40.500 | 129 | Del Cru | 2.7930 | 26000. | 81 | 30756 | No |
| 62 | GOM_NL__2PRFIN20080117_165228_000000392065_00141_30756_8856.N1 | 17-JAN-2008 16:52:28 | Dark | 39.000 | 124 | The Car | 2.7640 | 30000. | 78 | 30756 | No |
| 63 | GOM_NL__2PRFIN20080117_165345_000000382065_00141_30756_8857.N1 | 17-JAN-2008 16:53:45 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 30756 | No |
| 64 | GOM_NL__2PRFIN20080117_165544_000000392065_00141_30756_8858.N1 | 17-JAN-2008 16:55:44 | Dark | 39.000 | 71 | lot Car | 2.2460 | 7700.0 | 78 | 30756 | No |
| 65 | GOM_NL__2PRFIN20080117_165735_000000382065_00141_30756_8859.N1 | 17-JAN-2008 16:57:35 | Dark | 38.000 | 46 | Del Vel | 1.9540 | 10600. | 76 | 30756 | No |
| 66 | GOM_NL__2PRFIN20080117_170017_000000432065_00141_30756_8860.N1 | 17-JAN-2008 17:00:17 | Dark | 43.000 | 34 | Gam2Vel | 1.7930 | 23000. | 86 | 30756 | No |
| 67 | GOM_NL__2PRFIN20080117_170225_000000452065_00141_30756_8861.N1 | 17-JAN-2008 17:02:25 | Dark | 44.500 | 70 | Zet Pup | 2.2460 | 39000. | 89 | 30756 | No |
| 68 | GOM_NL__2PRFIN20080117_170403_000000442065_00141_30756_8862.N1 | 17-JAN-2008 17:04:03 | Straylight | 44.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 88 | 30756 | No |
| 69 | GOM_NL__2PRFIN20080117_170636_000000422065_00141_30756_8863.N1 | 17-JAN-2008 17:06:36 | Straylight | 41.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 83 | 30756 | No |
| 70 | GOM_NL__2PRFIN20080117_170800_000000382065_00141_30756_8864.N1 | 17-JAN-2008 17:08:00 | Straylight | 37.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 75 | 30756 | No |
| 71 | GOM_NL__2PRFIN20080117_171013_000000372065_00141_30756_8865.N1 | 17-JAN-2008 17:10:13 | Straylight | 37.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 74 | 30756 | No |
| 72 | GOM_NL__2PRFIN20080117_171243_000000362065_00141_30756_8866.N1 | 17-JAN-2008 17:12:43 | Straylight | 36.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 72 | 30756 | No |
| 73 | GOM_NL__2PRFIN20080117_171511_000000412065_00141_30756_8867.N1 | 17-JAN-2008 17:15:11 | Twilight | 40.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 81 | 30756 | No |
| 74 | GOM_NL__2PRFIN20080117_171722_000000502065_00141_30756_8868.N1 | 17-JAN-2008 17:17:22 | Twilight | 50.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 100 | 30756 | No |
| 75 | GOM_NL__2PRFIN20080117_171948_000000532065_00141_30756_8869.N1 | 17-JAN-2008 17:19:48 | Bright | 53.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 106 | 30756 | No |
| 76 | GOM_NL__2PRFIN20080117_172120_000000372065_00141_30756_8870.N1 | 17-JAN-2008 17:21:20 | Bright | 37.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 74 | 30756 | No |
| 77 | GOM_NL__2PRFIN20080117_172329_000000372065_00141_30756_8871.N1 | 17-JAN-2008 17:23:29 | Bright | 37.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 74 | 30756 | No |
| 78 | GOM_NL__2PRFIN20080117_172541_000000352065_00141_30756_8872.N1 | 17-JAN-2008 17:25:41 | Bright | 34.500 | 107 | 37The Aur | 2.6490 | 11000. | 69 | 30756 | No |
| 79 | GOM_NL__2PRFIN20080117_172752_000000362065_00141_30756_8873.N1 | 17-JAN-2008 17:27:52 | Bright | 35.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 71 | 30756 | No |
| 80 | GOM_NL__2PRFIN20080117_174026_000000352065_00141_30756_8874.N1 | 17-JAN-2008 17:40:26 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 30756 | No |
| 81 | GOM_NL__2PRFIN20080117_174841_000000382065_00141_30756_8875.N1 | 17-JAN-2008 17:48:41 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 30756 | No |
| 82 | GOM_NL__2PRFIN20080117_175119_000000342065_00141_30756_8876.N1 | 17-JAN-2008 17:51:19 | Bright | 33.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 67 | 30756 | No |
| 83 | GOM_NL__2PRFIN20080117_175738_000000362065_00141_30756_8877.N1 | 17-JAN-2008 17:57:38 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 30756 | No |
| 84 | GOM_NL__2PRFIN20080117_180227_000000342065_00141_30756_8878.N1 | 17-JAN-2008 18:02:27 | Bright | 34.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 68 | 30756 | No |
| 85 | GOM_NL__2PRFIN20080117_180434_000000332065_00141_30756_8879.N1 | 17-JAN-2008 18:04:34 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30756 | No |
| 86 | GOM_NL__2PRFIN20080117_180830_000000422065_00141_30756_8880.N1 | 17-JAN-2008 18:08:30 | Bright | 42.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 84 | 30756 | No |
| 87 | GOM_NL__2PRFIN20080117_180950_000000542065_00141_30756_8881.N1 | 17-JAN-2008 18:09:50 | Bright | 54.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 108 | 30756 | No |
| 88 | GOM_NL__2PRFIN20080117_181418_000000512065_00141_30756_8882.N1 | 17-JAN-2008 18:14:18 | Twilight | 51.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 102 | 30756 | No |
| 89 | GOM_NL__2PRFIN20080117_181556_000000442065_00141_30756_8883.N1 | 17-JAN-2008 18:15:56 | Twilight | 43.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 87 | 30756 | No |
| 90 | GOM_NL__2PRFIN20080117_181937_000000402065_00141_30756_8884.N1 | 17-JAN-2008 18:19:37 | Dark | 39.500 | 131 | Gam Lup | 2.8000 | 26000. | 79 | 30756 | No |
| 91 | GOM_NL__2PRFIN20080117_182125_000000402065_00141_30756_8885.N1 | 17-JAN-2008 18:21:25 | Dark | 39.500 | 109 | Bet Lup | 2.6770 | 26000. | 79 | 30756 | No |
| 92 | GOM_NL__2PRFIN20080117_182256_000000402065_00141_30756_8886.N1 | 17-JAN-2008 18:22:56 | Dark | 39.500 | 78 | Alp Lup | 2.3040 | 28000. | 79 | 30756 | No |
| 93 | GOM_NL__2PRFIN20080117_182525_000000422065_00142_30757_8865.N1 | 17-JAN-2008 18:25:25 | Dark | 42.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 84 | 30757 | No |
| 94 | GOM_NL__2PRFIN20080117_183017_000000402065_00142_30757_8866.N1 | 17-JAN-2008 18:30:17 | Dark | 40.000 | 129 | Del Cru | 2.7930 | 26000. | 80 | 30757 | No |
| 95 | GOM_NL__2PRFIN20080117_183304_000000392065_00142_30757_8867.N1 | 17-JAN-2008 18:33:04 | Dark | 38.500 | 124 | The Car | 2.7640 | 30000. | 77 | 30757 | No |
| 96 | GOM_NL__2PRFIN20080117_183422_000000382065_00142_30757_8868.N1 | 17-JAN-2008 18:34:22 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 30757 | No |
| 97 | GOM_NL__2PRFIN20080117_183620_000000412065_00142_30757_8869.N1 | 17-JAN-2008 18:36:20 | Dark | 40.500 | 71 | lot Car | 2.2460 | 7700.0 | 81 | 30757 | No |
| 98 | GOM_NL__2PRFIN20080117_183812_000000422065_00142_30757_8870.N1 | 17-JAN-2008 18:38:12 | Dark | 42.000 | 46 | Del Vel | 1.9540 | 10600. | 84 | 30757 | No |
| 99 | GOM_NL__2PRFIN20080117_184053_000000442065_00142_30757_8871.N1 | 17-JAN-2008 18:40:53 | Dark | 43.500 | 34 | Gam2Vel | 1.7930 | 23000. | 87 | 30757 | No |
| 100 | GOM_NL__2PRFIN20080117_184302_000000422065_00142_30757_8872.N1 | 17-JAN-2008 18:43:02 | Dark | 42.000 | 70 | Zet Pup | 2.2460 | 39000. | 84 | 30757 | No |
| 101 | GOM_NL__2PRFIN20080117_184440_000000432065_00142_30757_8873.N1 | 17-JAN-2008 18:44:40 | Straylight | 42.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 85 | 30757 | No |

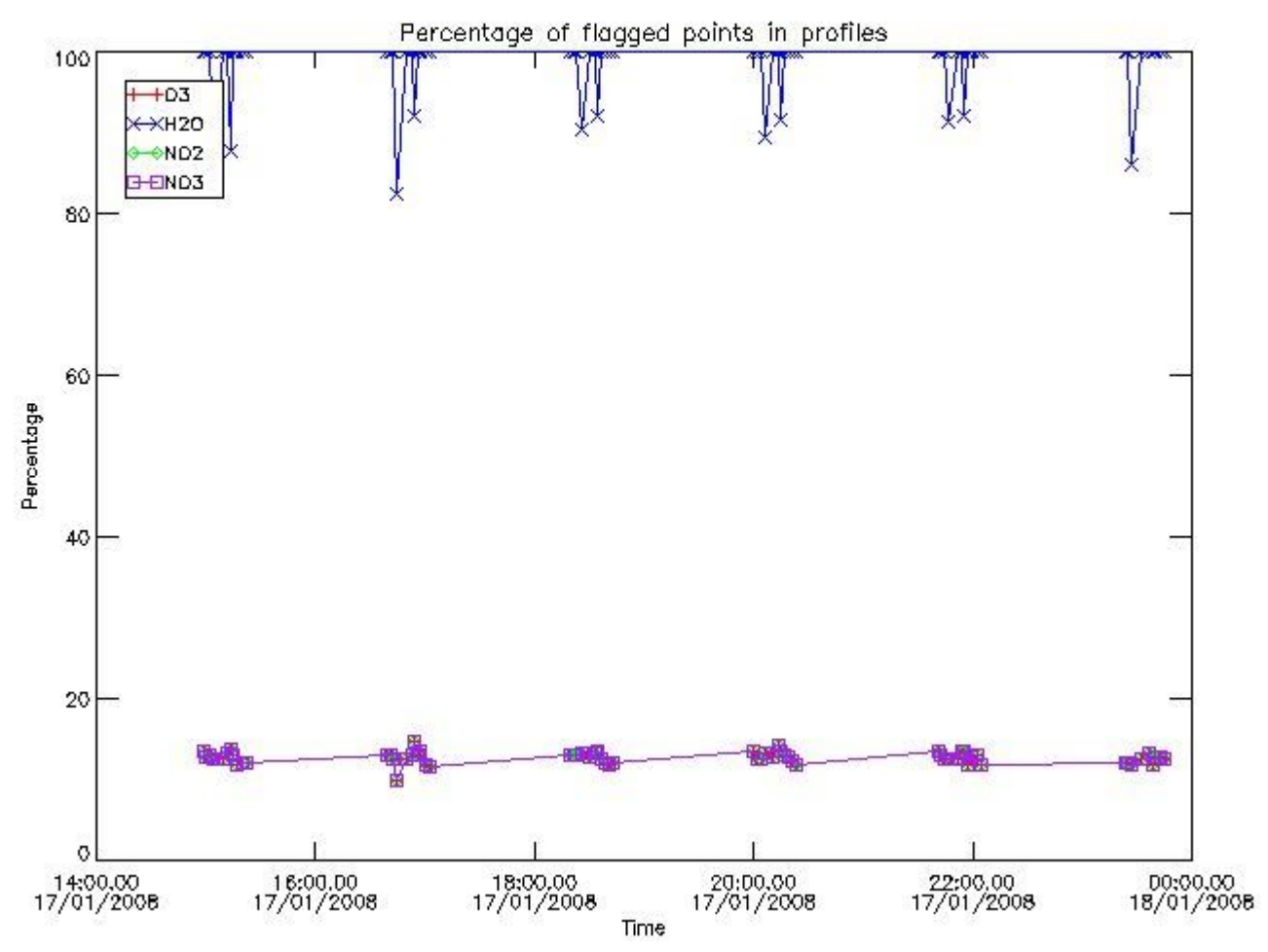
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20080117_184712_000000412065_00142_30757_8874.N1 | 17-JAN-2008 18:47:12 | Straylight | 40.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 81 | 30757 | No |
| 103 | GOM_NL__2PRFIN20080117_185049_000000382065_00142_30757_8875.N1 | 17-JAN-2008 18:50:49 | Straylight | 37.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 75 | 30757 | No |
| 104 | GOM_NL__2PRFIN20080117_185319_000000392065_00142_30757_8876.N1 | 17-JAN-2008 18:53:19 | Straylight | 38.500 | 56 | 53Kap Ori | 2.0650 | 30000. | 77 | 30757 | No |
| 105 | GOM_NL__2PRFIN20080117_185547_000000412065_00142_30757_8877.N1 | 17-JAN-2008 18:55:47 | Tw_i_and_stray | 41.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 82 | 30757 | No |
| 106 | GOM_NL__2PRFIN20080117_185759_000000522065_00142_30757_8878.N1 | 17-JAN-2008 18:57:59 | Tw_i_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30757 | No |
| 107 | GOM_NL__2PRFIN20080117_190024_000000482065_00142_30757_8879.N1 | 17-JAN-2008 19:00:24 | Bright | 47.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 95 | 30757 | No |
| 108 | GOM_NL__2PRFIN20080117_190156_000000372065_00142_30757_8880.N1 | 17-JAN-2008 19:01:56 | Bright | 36.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 73 | 30757 | No |
| 109 | GOM_NL__2PRFIN20080117_190406_000000362065_00142_30757_8881.N1 | 17-JAN-2008 19:04:06 | Bright | 35.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 71 | 30757 | No |
| 110 | GOM_NL__2PRFIN20080117_190617_000000352065_00142_30757_8882.N1 | 17-JAN-2008 19:06:17 | Bright | 34.500 | 107 | 37The Aur | 2.6490 | 11000. | 69 | 30757 | No |
| 111 | GOM_NL__2PRFIN20080117_190828_000000362065_00142_30757_8883.N1 | 17-JAN-2008 19:08:28 | Bright | 36.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 72 | 30757 | No |
| 112 | GOM_NL__2PRFIN20080117_192102_000000372065_00142_30757_8884.N1 | 17-JAN-2008 19:21:02 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 30757 | No |
| 113 | GOM_NL__2PRFIN20080117_192917_000000372065_00142_30757_8885.N1 | 17-JAN-2008 19:29:17 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 30757 | No |
| 114 | GOM_NL__2PRFIN20080117_193155_000000352065_00142_30757_8886.N1 | 17-JAN-2008 19:31:55 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 30757 | No |
| 115 | GOM_NL__2PRFIN20080117_193814_000000382065_00142_30757_8887.N1 | 17-JAN-2008 19:38:14 | Bright | 37.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 75 | 30757 | No |
| 116 | GOM_NL__2PRFIN20080117_194304_000000342065_00142_30757_8888.N1 | 17-JAN-2008 19:43:04 | Bright | 33.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 67 | 30757 | No |
| 117 | GOM_NL__2PRFIN20080117_194510_000000342065_00142_30757_8889.N1 | 17-JAN-2008 19:45:10 | Bright | 33.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 67 | 30757 | No |
| 118 | GOM_NL__2PRFIN20080117_194906_000000422065_00142_30757_8890.N1 | 17-JAN-2008 19:49:06 | Bright | 42.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 84 | 30757 | No |
| 119 | GOM_NL__2PRFIN20080117_195026_000000542065_00142_30757_8891.N1 | 17-JAN-2008 19:50:26 | Bright | 54.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 108 | 30757 | No |
| 120 | GOM_NL__2PRFIN20080117_195454_000000472065_00142_30757_8892.N1 | 17-JAN-2008 19:54:54 | Tw_i_and_stray | 46.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 93 | 30757 | No |
| 121 | GOM_NL__2PRFIN20080117_195633_000000432065_00142_30757_8893.N1 | 17-JAN-2008 19:56:33 | Twilight | 43.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 86 | 30757 | No |
| 122 | GOM_NL__2PRFIN20080117_200013_000000382065_00142_30757_8894.N1 | 17-JAN-2008 20:00:13 | Dark | 38.000 | 131 | Gam Lup | 2.8000 | 26000. | 76 | 30757 | No |
| 123 | GOM_NL__2PRFIN20080117_200202_000000412065_00142_30757_8895.N1 | 17-JAN-2008 20:02:02 | Dark | 40.500 | 109 | Bet Lup | 2.6770 | 26000. | 81 | 30757 | No |
| 124 | GOM_NL__2PRFIN20080117_200332_000000412065_00142_30757_8896.N1 | 17-JAN-2008 20:03:32 | Dark | 41.000 | 78 | Alp Lup | 2.3040 | 28000. | 82 | 30757 | No |
| 125 | GOM_NL__2PRFIN20080117_200602_000000432065_00143_30758_8878.N1 | 17-JAN-2008 20:06:02 | Dark | 42.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 85 | 30758 | No |
| 126 | GOM_NL__2PRFIN20080117_201053_000000402065_00143_30758_8879.N1 | 17-JAN-2008 20:10:53 | Dark | 40.000 | 129 | Del Cru | 2.7930 | 26000. | 80 | 30758 | No |
| 127 | GOM_NL__2PRFIN20080117_201340_000000402065_00143_30758_8880.N1 | 17-JAN-2008 20:13:40 | Dark | 39.500 | 124 | The Car | 2.7640 | 30000. | 79 | 30758 | No |
| 128 | GOM_NL__2PRFIN20080117_201458_000000422065_00143_30758_8881.N1 | 17-JAN-2008 20:14:58 | Dark | 41.500 | 29 | Bet Car | 1.6720 | 10200. | 83 | 30758 | No |
| 129 | GOM_NL__2PRFIN20080117_201657_000000402065_00143_30758_8882.N1 | 17-JAN-2008 20:16:57 | Dark | 39.500 | 71 | lot Car | 2.2460 | 7700.0 | 79 | 30758 | No |
| 130 | GOM_NL__2PRFIN20080117_201848_000000402065_00143_30758_8883.N1 | 17-JAN-2008 20:18:48 | Dark | 40.000 | 46 | Del Vel | 1.9540 | 10600. | 80 | 30758 | No |
| 131 | GOM_NL__2PRFIN20080117_202130_000000422065_00143_30758_8884.N1 | 17-JAN-2008 20:21:30 | Dark | 41.500 | 34 | Gam2Vel | 1.7930 | 23000. | 83 | 30758 | No |
| 132 | GOM_NL__2PRFIN20080117_202338_000000432065_00143_30758_8885.N1 | 17-JAN-2008 20:23:38 | Dark | 43.000 | 70 | Zet Pup | 2.2460 | 39000. | 86 | 30758 | No |
| 133 | GOM_NL__2PRFIN20080117_202516_000000412065_00143_30758_8886.N1 | 17-JAN-2008 20:25:16 | Straylight | 41.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 82 | 30758 | No |
| 134 | GOM_NL__2PRFIN20080117_202748_000000422065_00143_30758_8887.N1 | 17-JAN-2008 20:27:48 | Straylight | 42.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 84 | 30758 | No |
| 135 | GOM_NL__2PRFIN20080117_202913_000000372065_00143_30758_8888.N1 | 17-JAN-2008 20:29:13 | Straylight | 37.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 74 | 30758 | No |
| 136 | GOM_NL__2PRFIN20080117_203125_000000452065_00143_30758_8889.N1 | 17-JAN-2008 20:31:25 | Straylight | 44.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 89 | 30758 | No |
| 137 | GOM_NL__2PRFIN20080117_203355_000000402065_00143_30758_8890.N1 | 17-JAN-2008 20:33:55 | Straylight | 40.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 80 | 30758 | No |
| 138 | GOM_NL__2PRFIN20080117_203623_000000422065_00143_30758_8891.N1 | 17-JAN-2008 20:36:23 | Tw_i_and_stray | 41.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 83 | 30758 | No |
| 139 | GOM_NL__2PRFIN20080117_203835_000000522065_00143_30758_8892.N1 | 17-JAN-2008 20:38:35 | Tw_i_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30758 | No |
| 140 | GOM_NL__2PRFIN20080117_204100_000000522065_00143_30758_8893.N1 | 17-JAN-2008 20:41:00 | Bright | 52.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 104 | 30758 | No |
| 141 | GOM_NL__2PRFIN20080117_204244_000000392065_00143_30758_8894.N1 | 17-JAN-2008 20:42:44 | Bright | 39.000 | 151 | 13Mu Gem | 2.8900 | 3000.0 | 78 | 30758 | No |
| 142 | GOM_NL__2PRFIN20080117_204442_000000352065_00143_30758_8895.N1 | 17-JAN-2008 20:44:42 | Bright | 34.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 69 | 30758 | No |
| 143 | GOM_NL__2PRFIN20080117_204653_000000522065_00143_30758_8896.N1 | 17-JAN-2008 20:46:53 | Bright | 52.000 | 107 | 37The Aur | 2.6490 | 11000. | 104 | 30758 | No |
| 144 | GOM_NL__2PRFIN20080117_204904_000000362065_00143_30758_8897.N1 | 17-JAN-2008 20:49:04 | Bright | 36.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 72 | 30758 | No |
| 145 | GOM_NL__2PRFIN20080117_210138_000000352065_00143_30758_8898.N1 | 17-JAN-2008 21:01:38 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 30758 | No |
| 146 | GOM_NL__2PRFIN20080117_210953_000000462065_00143_30758_8899.N1 | 17-JAN-2008 21:09:53 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 30758 | No |
| 147 | GOM_NL__2PRFIN20080117_211231_000000352065_00143_30758_8900.N1 | 17-JAN-2008 21:12:31 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 30758 | No |
| 148 | GOM_NL__2PRFIN20080117_211850_000000552065_00143_30758_8901.N1 | 17-JAN-2008 21:18:50 | Bright | 55.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 110 | 30758 | No |
| 149 | GOM_NL__2PRFIN20080117_212340_000000332065_00143_30758_8902.N1 | 17-JAN-2008 21:23:40 | Bright | 33.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 66 | 30758 | No |
| 150 | GOM_NL__2PRFIN20080117_212547_000000332065_00143_30758_8903.N1 | 17-JAN-2008 21:25:47 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30758 | No |
| 151 | GOM_NL__2PRFIN20080117_212943_000000262065_00143_30758_8904.N1 | 17-JAN-2008 21:29:43 | Tw_i_and_stray | 26.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 52 | 30758 | No |
| 152 | GOM_NL__2PRFIN20080117_213102_000000412065_00143_30758_8905.N1 | 17-JAN-2008 21:31:02 | Bright | 40.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 81 | 30758 | No |
| 153 | GOM_NL__2PRFIN20080117_213531_000000482065_00143_30758_8906.N1 | 17-JAN-2008 21:35:31 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 30758 | No |
| 154 | GOM_NL__2PRFIN20080117_213709_000000452065_00143_30758_8907.N1 | 17-JAN-2008 21:37:09 | Twilight | 45.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 90 | 30758 | No |
| 155 | GOM_NL__2PRFIN20080117_214050_000000382065_00143_30758_8908.N1 | 17-JAN-2008 21:40:50 | Dark | 37.500 | 131 | Gam Lup | 2.8000 | 26000. | 75 | 30758 | No |
| 156 | GOM_NL__2PRFIN20080117_214238_000000392065_00143_30758_8909.N1 | 17-JAN-2008 21:42:38 | Dark | 39.000 | 109 | Bet Lup | 2.6770 | 26000. | 78 | 30758 | No |
| 157 | GOM_NL__2PRFIN20080117_214409_000000412065_00143_30758_8910.N1 | 17-JAN-2008 21:44:09 | Dark | 40.500 | 78 | Alp Lup | 2.3040 | 28000. | 81 | 30758 | No |
| 158 | GOM_NL__2PRFIN20080117_214638_000000412065_00144_30759_8893.N1 | 17-JAN-2008 21:46:38 | Dark | 40.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 81 | 30759 | No |
| 159 | GOM_NL__2PRFIN20080117_215130_000000412065_00144_30759_8894.N1 | 17-JAN-2008 21:51:30 | Dark | 41.000 | 129 | Del Cru | 2.7930 | 26000. | 82 | 30759 | No |
| 160 | GOM_NL__2PRFIN20080117_215417_000000382065_00144_30759_8895.N1 | 17-JAN-2008 21:54:17 | Dark | 37.500 | 124 | The Car | 2.7640 | 30000. | 75 | 30759 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20080117_215534_000000382065_00144_30759_8896.N1 | 17-JAN-2008 21:55:34 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 30759 | No |
| 162 | GOM_NL__2PRFIN20080117_215733_000000432065_00144_30759_8897.N1 | 17-JAN-2008 21:57:33 | Dark | 43.000 | 71 | lot Car | 2.2460 | 7700.0 | 86 | 30759 | No |
| 163 | GOM_NL__2PRFIN20080117_215924_000000402065_00144_30759_8898.N1 | 17-JAN-2008 21:59:24 | Dark | 40.000 | 46 | Del Vel | 1.9540 | 10600. | 80 | 30759 | No |
| 164 | GOM_NL__2PRFIN20080117_220206_000000402065_00144_30759_8899.N1 | 17-JAN-2008 22:02:06 | Dark | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 30759 | No |
| 165 | GOM_NL__2PRFIN20080117_220414_000000432065_00144_30759_8900.N1 | 17-JAN-2008 22:04:14 | Dark | 43.000 | 70 | Zet Pup | 2.2460 | 39000. | 86 | 30759 | No |
| 166 | GOM_NL__2PRFIN20080117_220552_000000422065_00144_30759_8901.N1 | 17-JAN-2008 22:05:52 | Straylight | 42.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 84 | 30759 | No |
| 167 | GOM_NL__2PRFIN20080117_220824_000000422065_00144_30759_8902.N1 | 17-JAN-2008 22:08:24 | Straylight | 41.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 83 | 30759 | No |
| 168 | GOM_NL__2PRFIN20080117_220949_000000392065_00144_30759_8903.N1 | 17-JAN-2008 22:09:49 | Straylight | 39.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 78 | 30759 | No |
| 169 | GOM_NL__2PRFIN20080117_221201_000000442065_00144_30759_8904.N1 | 17-JAN-2008 22:12:01 | Straylight | 44.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 88 | 30759 | No |
| 170 | GOM_NL__2PRFIN20080117_221431_000000382065_00144_30759_8905.N1 | 17-JAN-2008 22:14:31 | Straylight | 38.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 76 | 30759 | No |
| 171 | GOM_NL__2PRFIN20080117_221659_000000422065_00144_30759_8906.N1 | 17-JAN-2008 22:16:59 | Twl_and_stray | 41.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 83 | 30759 | No |
| 172 | GOM_NL__2PRFIN20080117_221911_000000522065_00144_30759_8907.N1 | 17-JAN-2008 22:19:11 | Twl_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30759 | No |
| 173 | GOM_NL__2PRFIN20080117_222136_000000482065_00144_30759_8908.N1 | 17-JAN-2008 22:21:36 | Bright | 47.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 95 | 30759 | No |
| 174 | GOM_NL__2PRFIN20080117_222320_000000412065_00144_30759_8909.N1 | 17-JAN-2008 22:23:20 | Bright | 41.000 | 151 | 13Mu Gem | 2.8900 | 3000.0 | 82 | 30759 | No |
| 175 | GOM_NL__2PRFIN20080117_222518_000000362065_00144_30759_8910.N1 | 17-JAN-2008 22:25:18 | Bright | 35.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 71 | 30759 | No |
| 176 | GOM_NL__2PRFIN20080117_222729_000000342065_00144_30759_8911.N1 | 17-JAN-2008 22:27:29 | Bright | 34.000 | 107 | 37The Aur | 2.6490 | 11000. | 68 | 30759 | No |
| 177 | GOM_NL__2PRFIN20080117_222940_000000522065_00144_30759_8912.N1 | 17-JAN-2008 22:29:40 | Bright | 52.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 104 | 30759 | No |
| 178 | GOM_NL__2PRFIN20080117_224214_000000342065_00144_30759_8913.N1 | 17-JAN-2008 22:42:14 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 30759 | No |
| 179 | GOM_NL__2PRFIN20080117_225029_000000362065_00144_30759_8914.N1 | 17-JAN-2008 22:50:29 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 30759 | No |
| 180 | GOM_NL__2PRFIN20080117_225307_000000362065_00144_30759_8915.N1 | 17-JAN-2008 22:53:07 | Bright | 35.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 71 | 30759 | No |
| 181 | GOM_NL__2PRFIN20080117_225926_000000552065_00144_30759_8916.N1 | 17-JAN-2008 22:59:26 | Bright | 55.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 110 | 30759 | No |
| 182 | GOM_NL__2PRFIN20080117_230416_000000332065_00144_30759_8917.N1 | 17-JAN-2008 23:04:16 | Bright | 33.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 66 | 30759 | No |
| 183 | GOM_NL__2PRFIN20080117_230623_000000332065_00144_30759_8918.N1 | 17-JAN-2008 23:06:23 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30759 | No |
| 184 | GOM_NL__2PRFIN20080117_231019_000000262065_00144_30759_8919.N1 | 17-JAN-2008 23:10:19 | Twl_and_stray | 26.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 52 | 30759 | No |
| 185 | GOM_NL__2PRFIN20080117_231139_000000542065_00144_30759_8920.N1 | 17-JAN-2008 23:11:39 | Bright | 53.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 107 | 30759 | No |
| 186 | GOM_NL__2PRFIN20080117_231607_000000452065_00144_30759_8921.N1 | 17-JAN-2008 23:16:07 | Twl_and_stray | 45.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 90 | 30759 | No |
| 187 | GOM_NL__2PRFIN20080117_231745_000000392065_00144_30759_8922.N1 | 17-JAN-2008 23:17:45 | Twilight | 39.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 78 | 30759 | No |
| 188 | GOM_NL__2PRFIN20080117_232315_000000432065_00144_30759_8923.N1 | 17-JAN-2008 23:23:15 | Dark | 42.500 | 109 | Bet Lup | 2.6770 | 26000. | 85 | 30759 | No |
| 189 | GOM_NL__2PRFIN20080117_232445_000000422065_00144_30759_8924.N1 | 17-JAN-2008 23:24:45 | Dark | 42.000 | 78 | Alp Lup | 2.3040 | 28000. | 84 | 30759 | No |
| 190 | GOM_NL__2PRFIN20080117_232714_000000442065_00145_30760_8902.N1 | 17-JAN-2008 23:27:14 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 30760 | No |
| 191 | GOM_NL__2PRFIN20080117_233206_000000412065_00145_30760_8903.N1 | 17-JAN-2008 23:32:06 | Dark | 40.500 | 129 | Del Cru | 2.7930 | 26000. | 81 | 30760 | No |
| 192 | GOM_NL__2PRFIN20080117_233610_000000392065_00145_30760_8904.N1 | 17-JAN-2008 23:36:10 | Dark | 38.500 | 29 | Bet Car | 1.6720 | 10200. | 77 | 30760 | No |
| 193 | GOM_NL__2PRFIN20080117_233809_000000442065_00145_30760_8905.N1 | 17-JAN-2008 23:38:09 | Dark | 43.500 | 71 | lot Car | 2.2460 | 7700.0 | 87 | 30760 | No |
| 194 | GOM_NL__2PRFIN20080117_234001_000000402065_00145_30760_8906.N1 | 17-JAN-2008 23:40:01 | Dark | 40.000 | 46 | Del Vel | 1.9540 | 10600. | 80 | 30760 | No |
| 195 | GOM_NL__2PRFIN20080117_234242_000000402065_00145_30760_8907.N1 | 17-JAN-2008 23:42:42 | Dark | 40.000 | 34 | Gam2Vel | 1.7930 | 23000. | 80 | 30760 | No |
| 196 | GOM_NL__2PRFIN20080117_234450_000000412065_00145_30760_8908.N1 | 17-JAN-2008 23:44:50 | Dark | 40.500 | 70 | Zet Pup | 2.2460 | 39000. | 81 | 30760 | No |
| 197 | GOM_NL__2PRFIN20080117_234628_000000422065_00145_30760_8909.N1 | 17-JAN-2008 23:46:28 | Straylight | 41.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 83 | 30760 | No |
| 198 | GOM_NL__2PRFIN20080117_234900_000000422065_00145_30760_8910.N1 | 17-JAN-2008 23:49:00 | Straylight | 42.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 84 | 30760 | No |
| 199 | GOM_NL__2PRFIN20080117_235025_000000402065_00145_30760_8911.N1 | 17-JAN-2008 23:50:25 | Straylight | 40.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 80 | 30760 | No |
| 200 | GOM_NL__2PRFIN20080117_235237_000000472065_00145_30760_8912.N1 | 17-JAN-2008 23:52:37 | Straylight | 47.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 94 | 30760 | No |
| 201 | GOM_NL__2PRFIN20080117_235507_000000412065_00145_30760_8913.N1 | 17-JAN-2008 23:55:07 | Straylight | 40.500 | 56 | 53Kap Ori | 2.0650 | 30000. | 81 | 30760 | No |
| 202 | GOM_NL__2PRFIN20080117_235735_000000432065_00145_30760_8914.N1 | 17-JAN-2008 23:57:35 | Twl_and_stray | 42.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 85 | 30760 | No |
| 203 | GOM_NL__2PRFIN20080117_235947_000000522065_00145_30760_8915.N1 | 17-JAN-2008 23:59:47 | Twl_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30760 | No |

3. Quality information per product

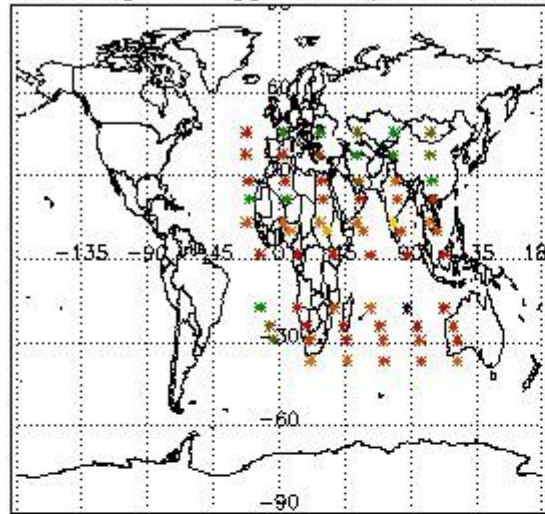
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

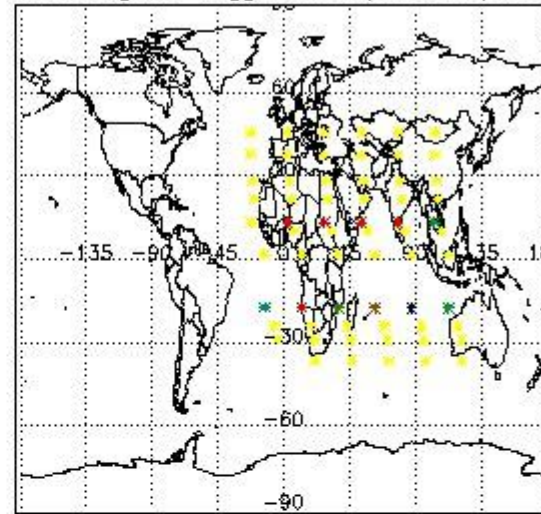


3.2 Plot quality information per product (world map)

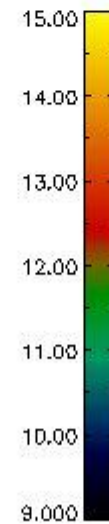
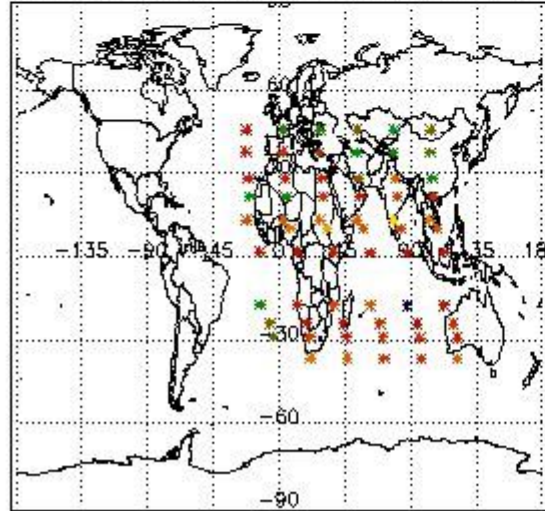
Percentage of flagged data per O3 profile



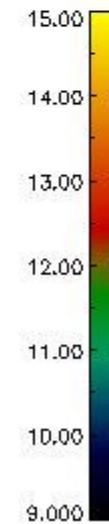
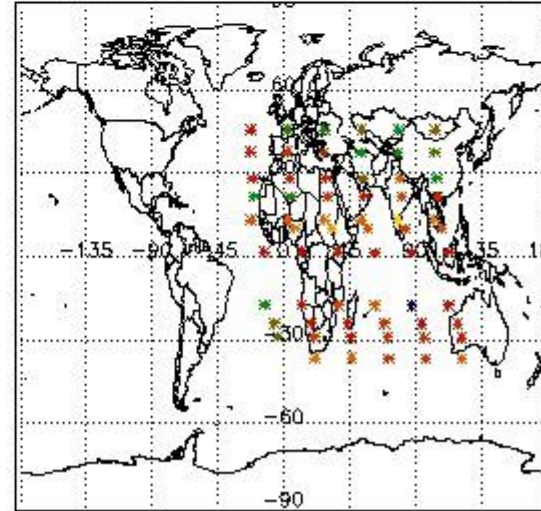
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

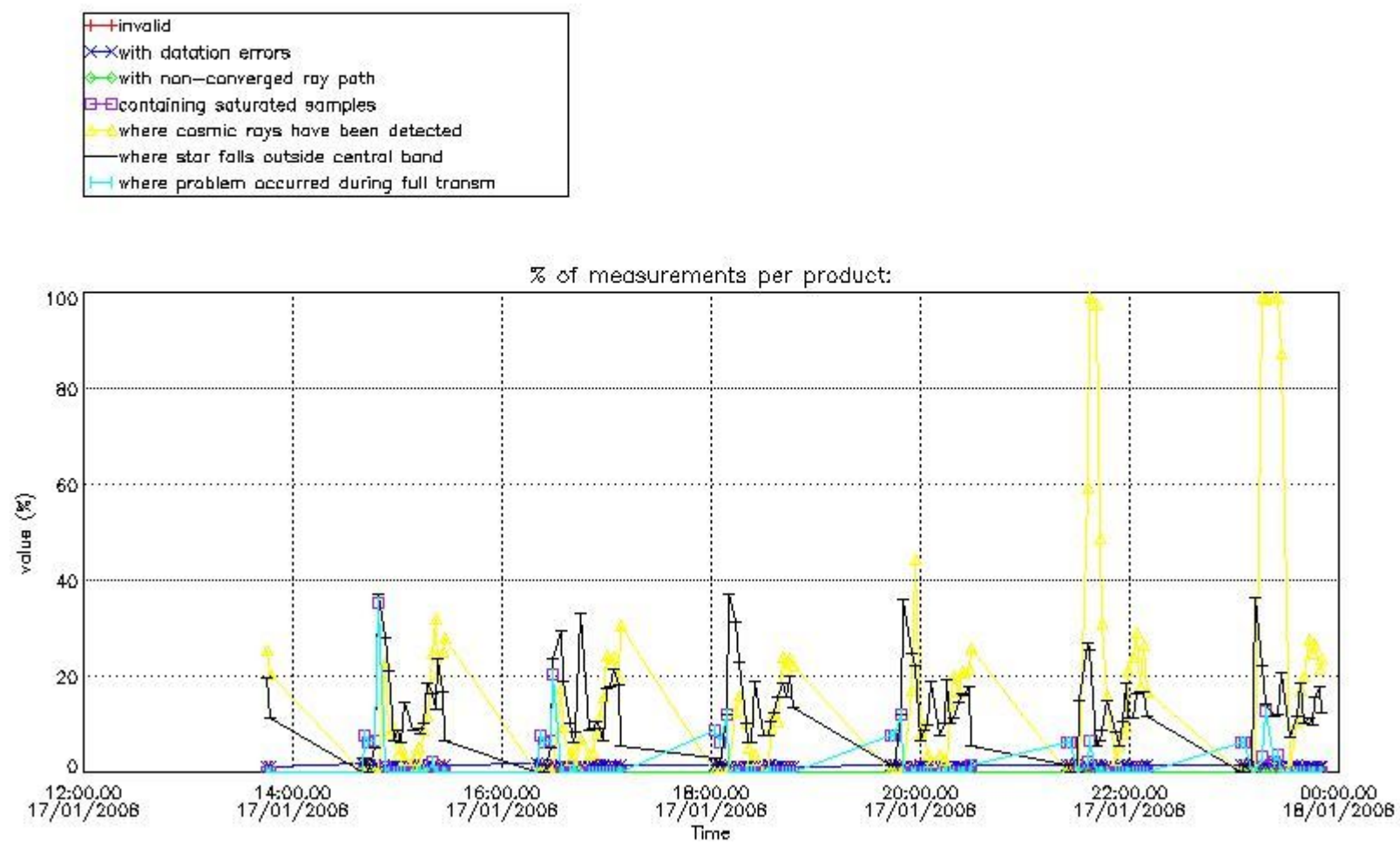


4. Level 1 quality information per product

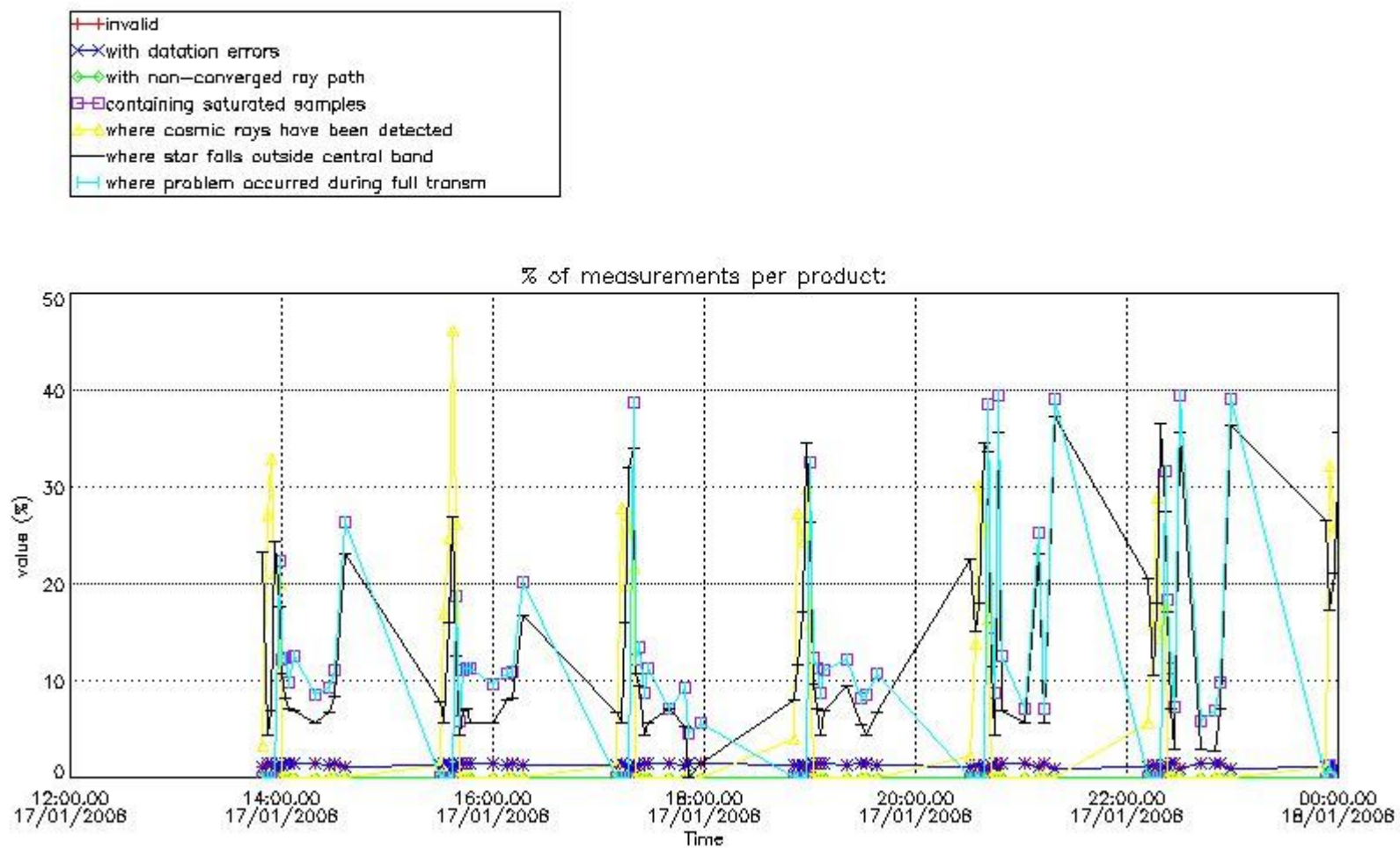
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



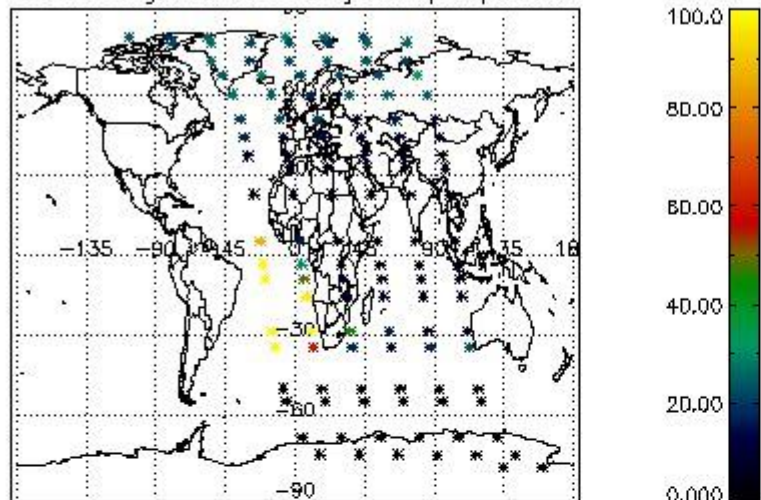
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



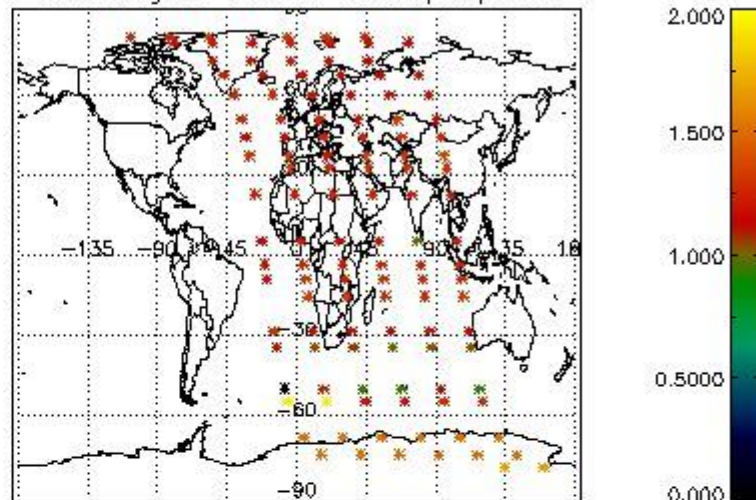
4.2 Plot quality information per product coming from level 1b processing (world map)

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

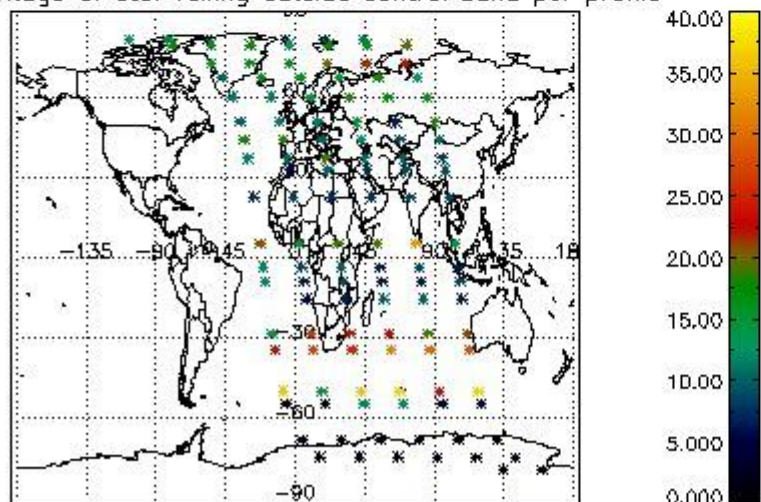
Percentage of cosmic ray hits per profile



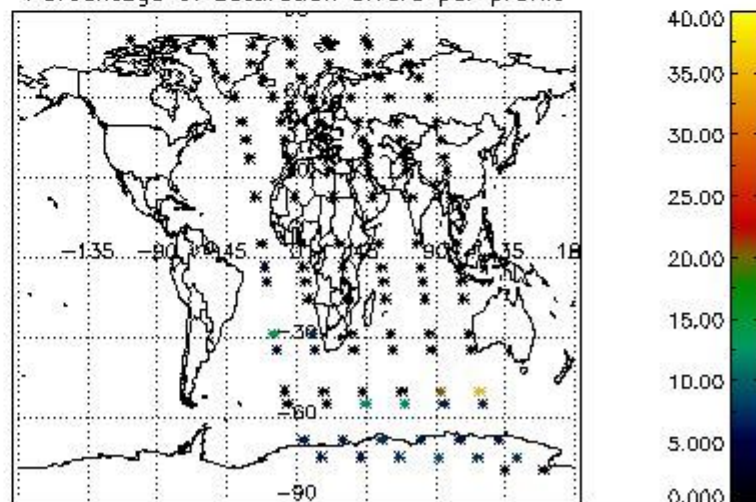
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

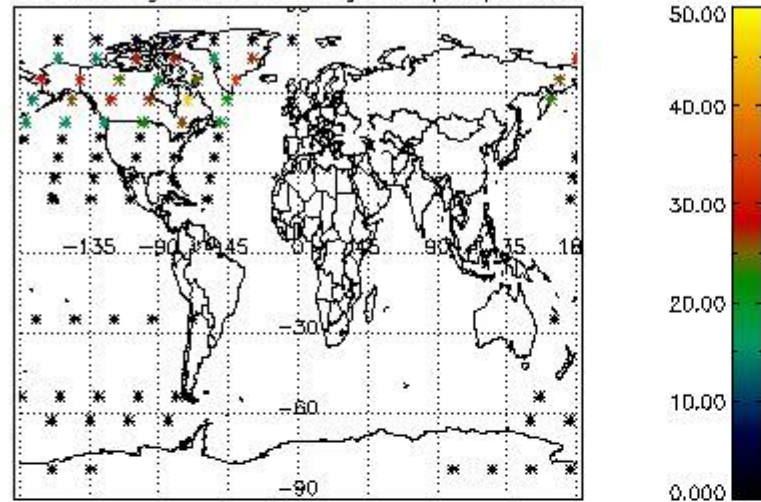


Percentage of saturation errors per profile

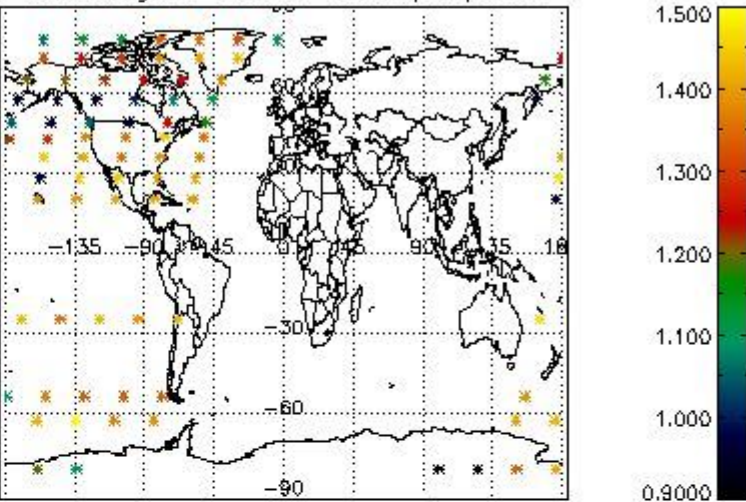


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

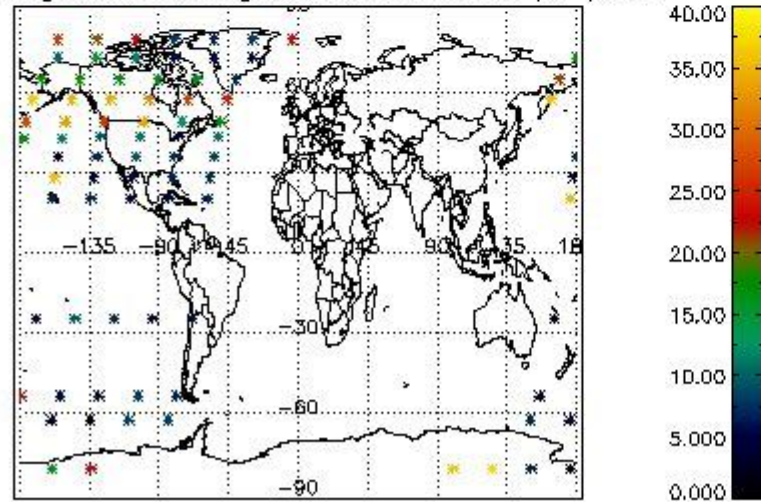
Percentage of cosmic ray hits per profile



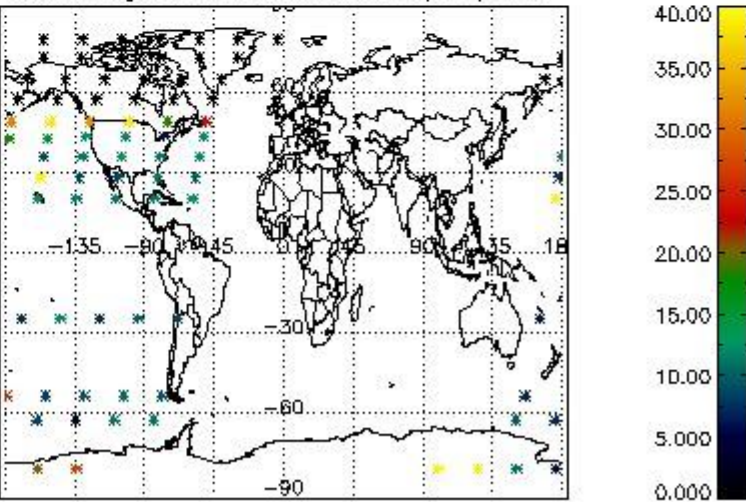
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

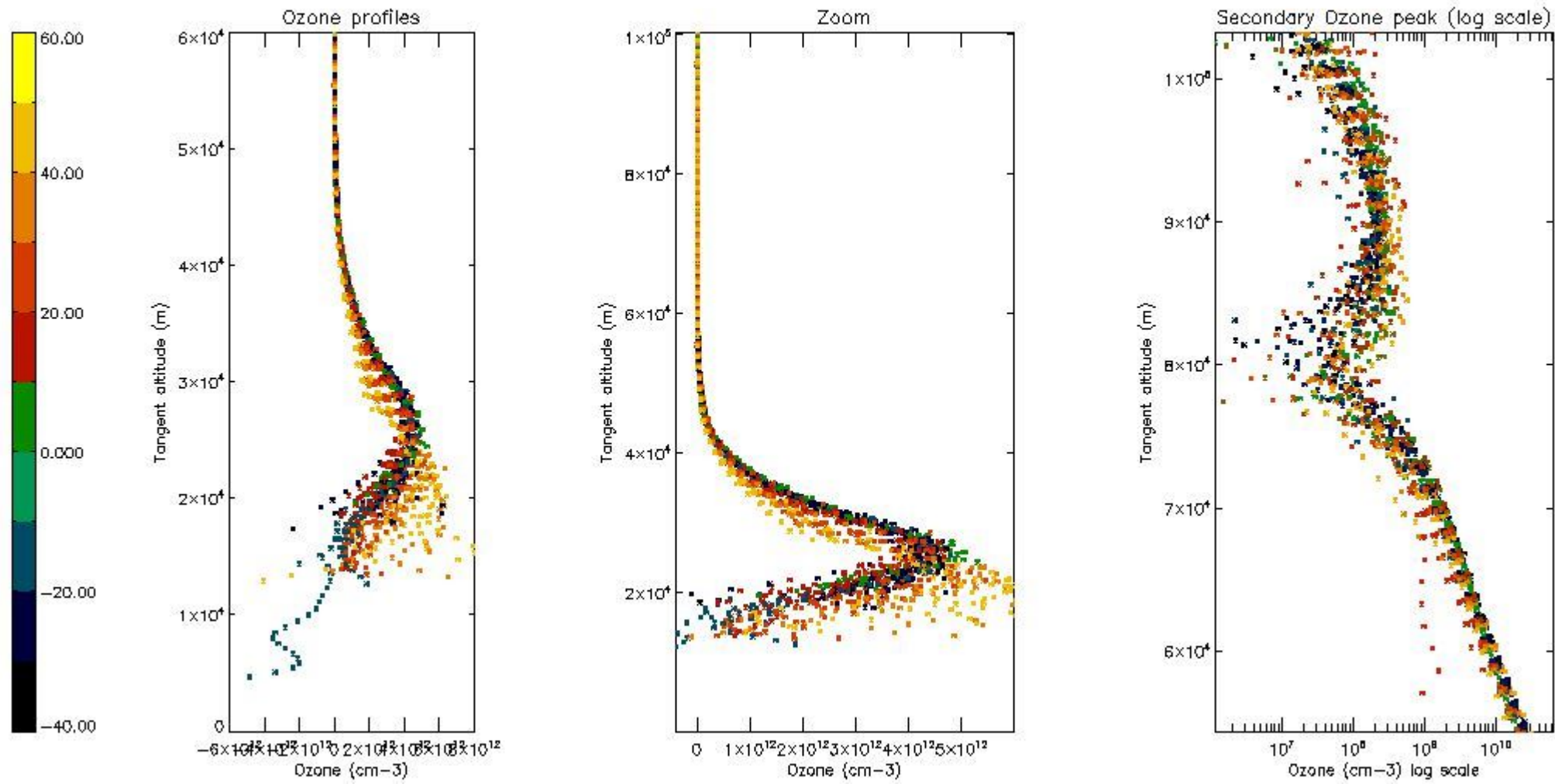
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 32 |
| STD < 20 | 20 |

| | |
|----------|----|
| STD < 10 | 17 |
| STD < 5 | 12 |

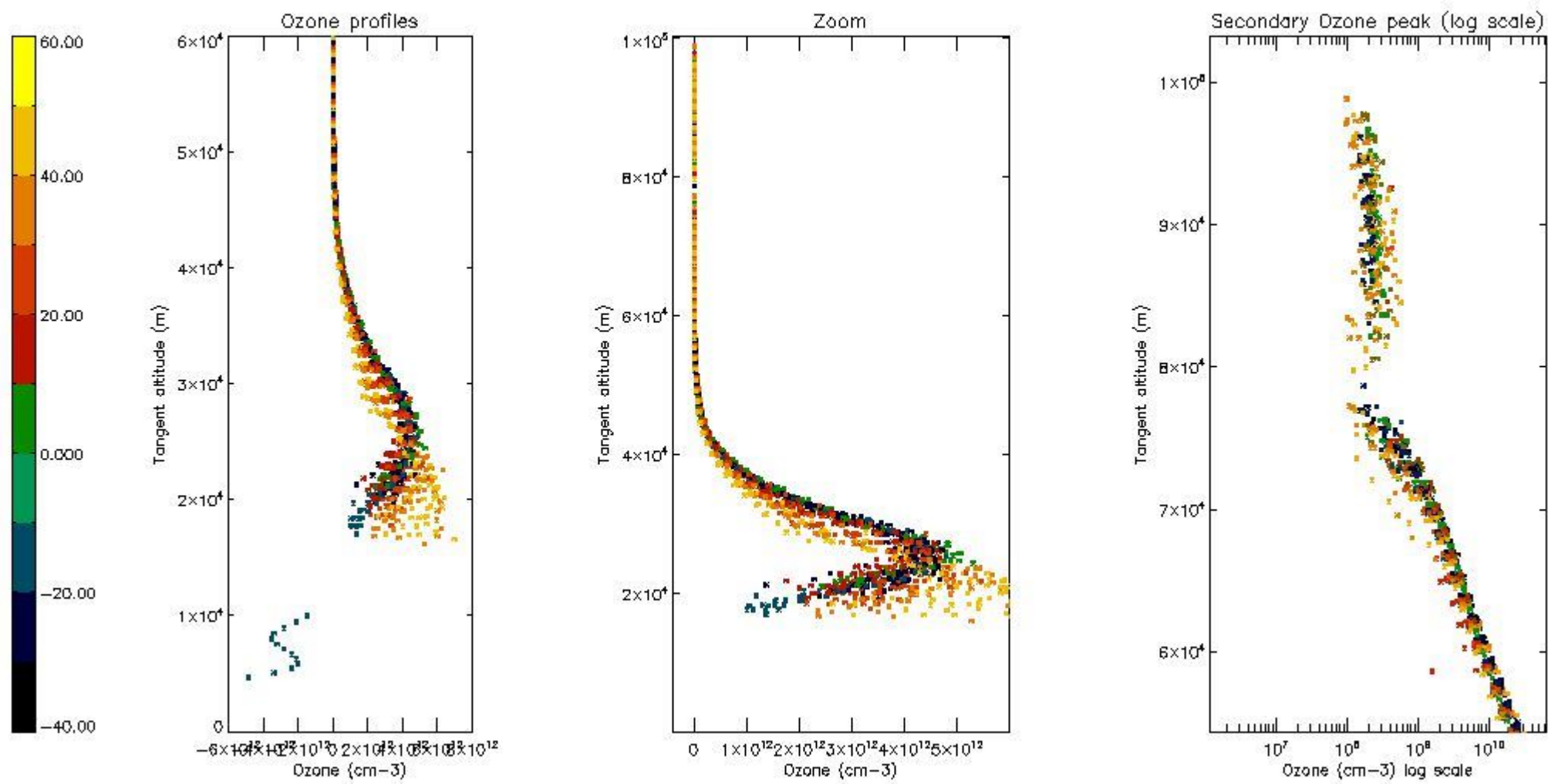
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



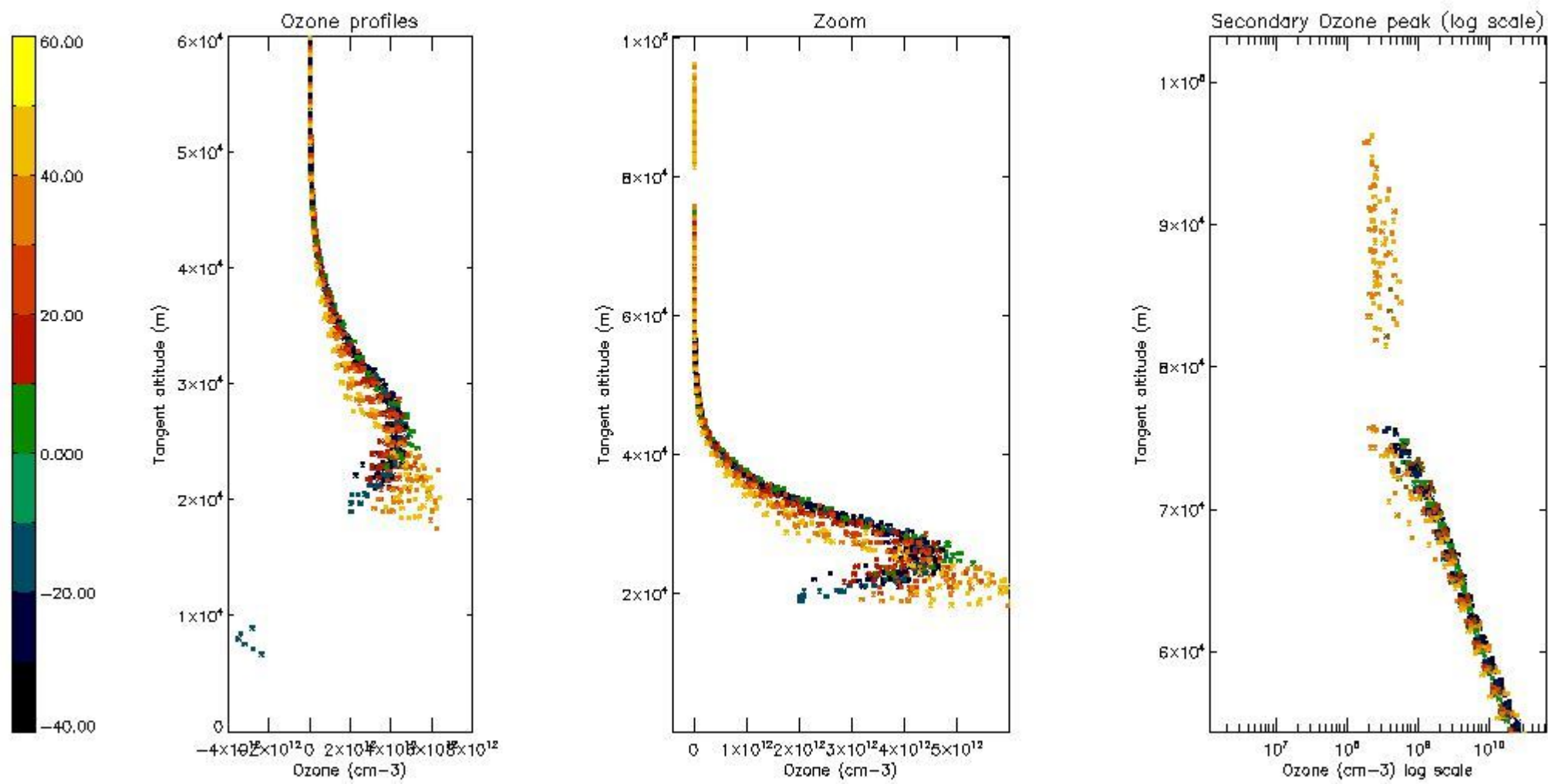
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



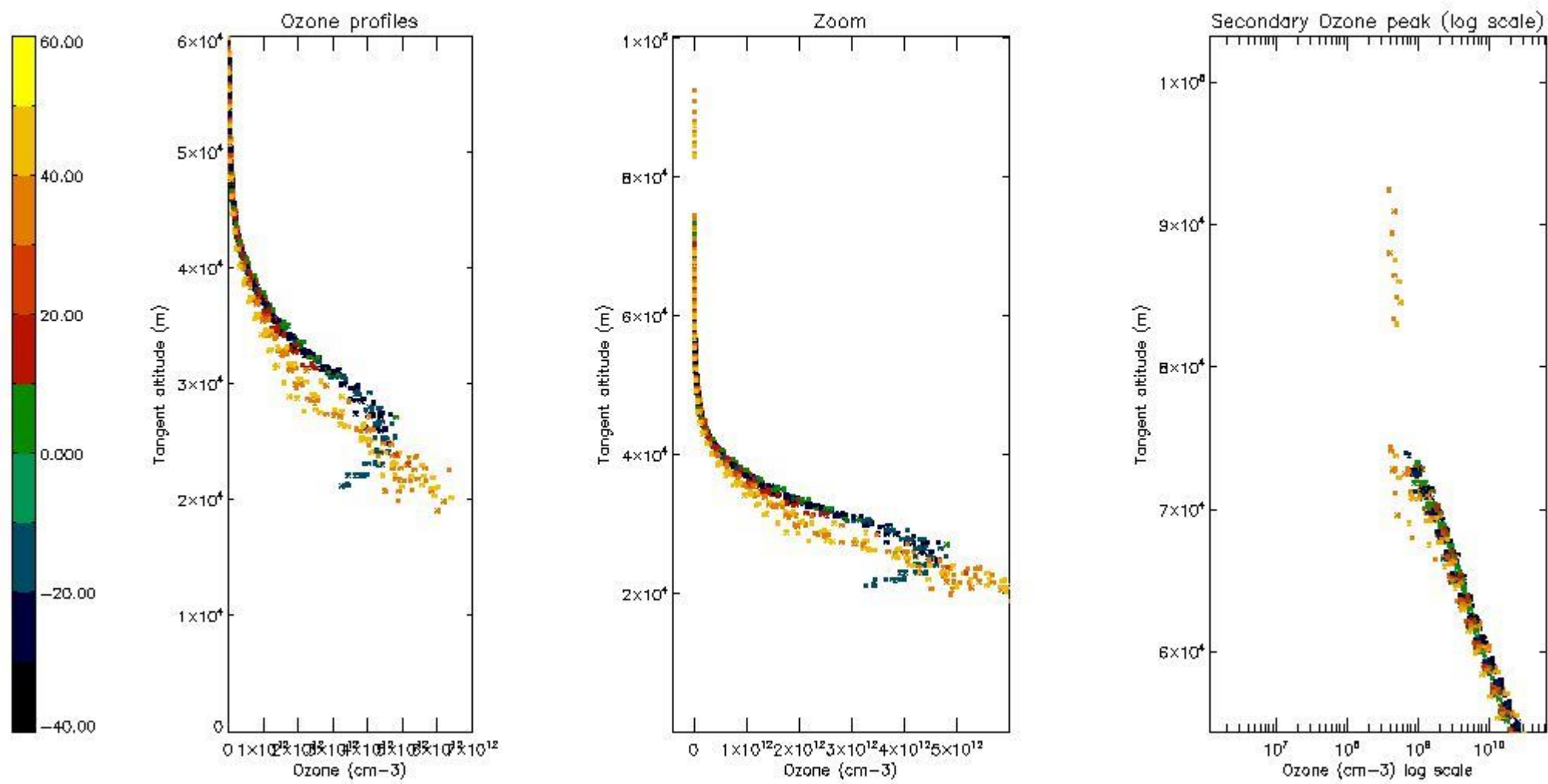
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



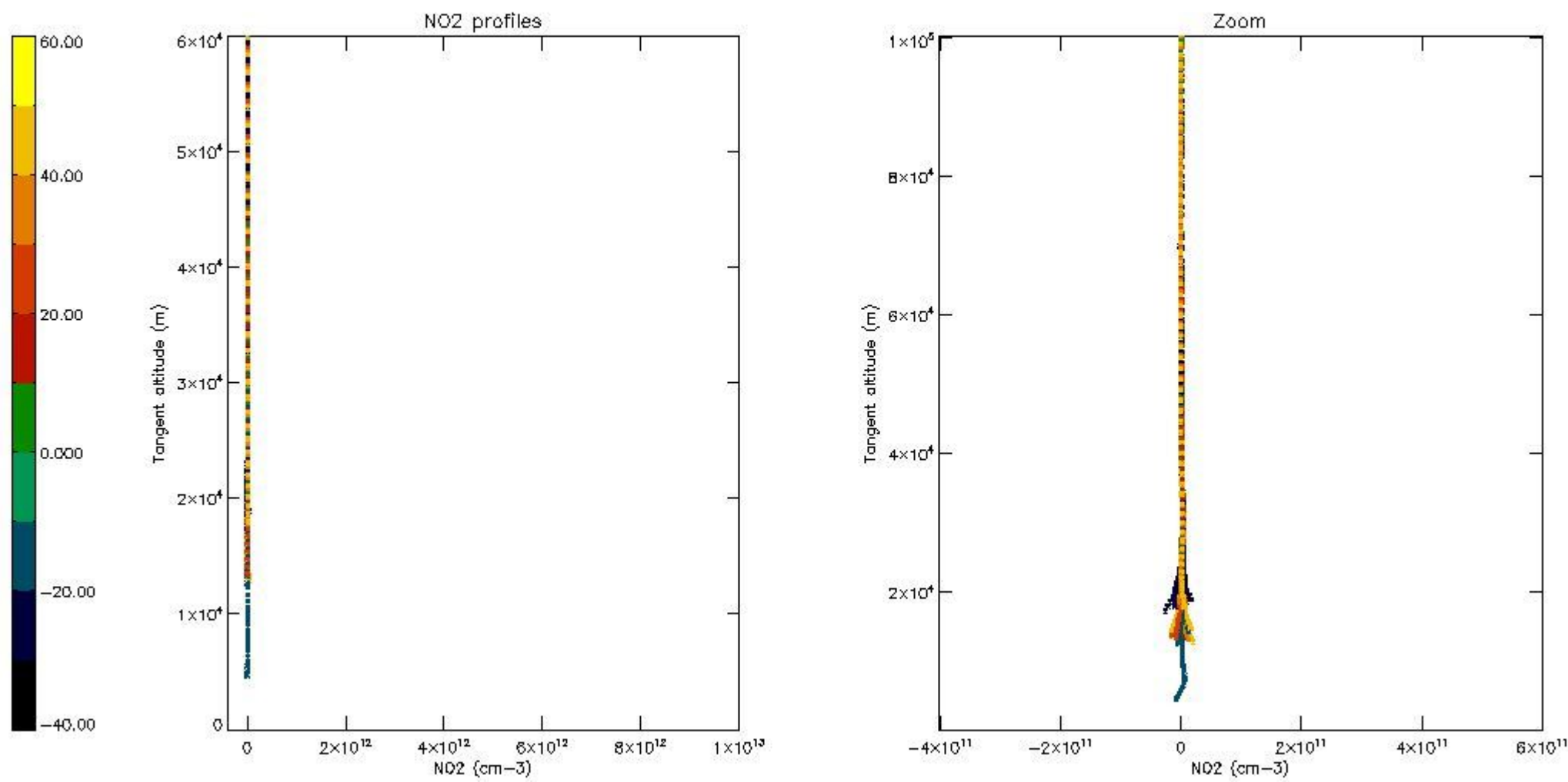
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



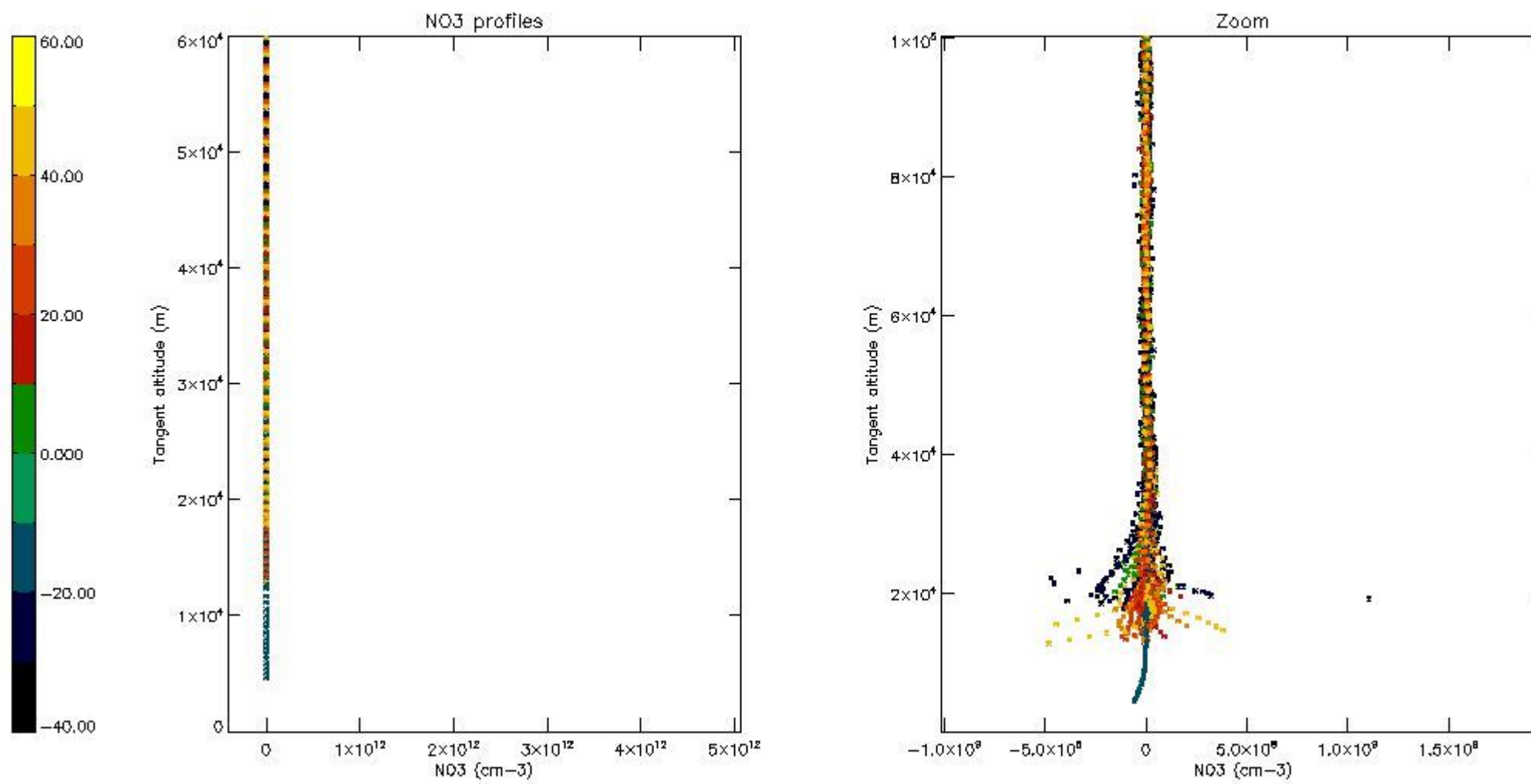
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



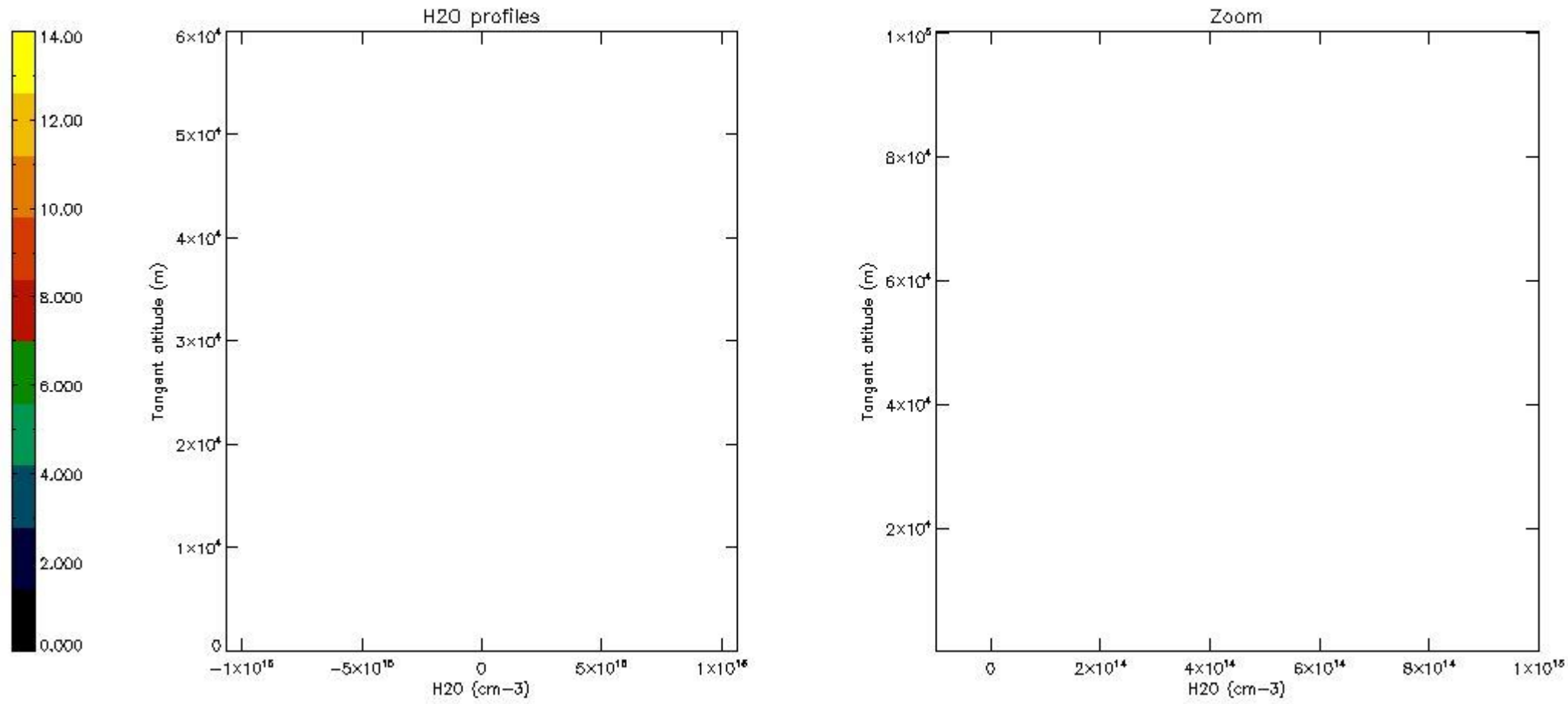
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 17-JAN-2008 13:45:23 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 17-JAN-2008 13:45:23 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 17-JAN-2008 13:45:23 |

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

[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](#)

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

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

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

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

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

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

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

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

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

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

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 25APR2013 08:54:26 |
| Data source version | GOMOS/6.01 |
| Start time of products | 17-01-2008 (17JAN2008 00:00:00) |
| Stop time of products | 18-01-2008 (18JAN2008 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 203 |
| 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__2PRFIN20080117_134523_000000432065_00139_30754_8819.N1 | 17-JAN-2008 13:45:23 | Straylight | 43.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 86 | 30754 | No |
| 2 | GOM_NL__2PRFIN20080117_134648_000000402065_00139_30754_8820.N1 | 17-JAN-2008 13:46:48 | Straylight | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 30754 | No |
| 3 | GOM_NL__2PRFIN20080117_134901_000000452065_00139_30754_8821.N1 | 17-JAN-2008 13:49:01 | Straylight | 45.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 90 | 30754 | No |
| 4 | GOM_NL__2PRFIN20080117_135131_000000352065_00139_30754_8822.N1 | 17-JAN-2008 13:51:31 | Straylight | 35.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 70 | 30754 | No |
| 5 | GOM_NL__2PRFIN20080117_135359_000000372065_00139_30754_8823.N1 | 17-JAN-2008 13:53:59 | Twilight | 36.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 73 | 30754 | No |
| 6 | GOM_NL__2PRFIN20080117_135610_000000452065_00139_30754_8824.N1 | 17-JAN-2008 13:56:10 | Twilight | 45.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 90 | 30754 | No |
| 7 | GOM_NL__2PRFIN20080117_135836_000000432065_00139_30754_8825.N1 | 17-JAN-2008 13:58:36 | Bright | 42.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 85 | 30754 | No |
| 8 | GOM_NL__2PRFIN20080117_140007_000000372065_00139_30754_8826.N1 | 17-JAN-2008 14:00:07 | Bright | 37.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 74 | 30754 | No |
| 9 | GOM_NL__2PRFIN20080117_140217_000000372065_00139_30754_8827.N1 | 17-JAN-2008 14:02:17 | Bright | 36.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 73 | 30754 | No |
| 10 | GOM_NL__2PRFIN20080117_140429_000000362065_00139_30754_8828.N1 | 17-JAN-2008 14:04:29 | Bright | 35.500 | 107 | 37The Aur | 2.6490 | 11000. | 71 | 30754 | No |
| 11 | GOM_NL__2PRFIN20080117_140640_000000362065_00139_30754_8829.N1 | 17-JAN-2008 14:06:40 | Bright | 36.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 72 | 30754 | No |
| 12 | GOM_NL__2PRFIN20080117_141914_000000352065_00139_30754_8830.N1 | 17-JAN-2008 14:19:14 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 30754 | No |
| 13 | GOM_NL__2PRFIN20080117_142729_000000382065_00139_30754_8831.N1 | 17-JAN-2008 14:27:29 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 30754 | No |
| 14 | GOM_NL__2PRFIN20080117_143007_000000362065_00139_30754_8832.N1 | 17-JAN-2008 14:30:07 | Bright | 36.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 72 | 30754 | No |
| 15 | GOM_NL__2PRFIN20080117_143626_000000462065_00139_30754_8833.N1 | 17-JAN-2008 14:36:26 | Bright | 45.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 91 | 30754 | No |
| 16 | GOM_NL__2PRFIN20080117_143934_000000302065_00139_30754_8834.N1 | 17-JAN-2008 14:39:34 | Bright | 30.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 60 | 30754 | No |
| 17 | GOM_NL__2PRFIN20080117_144115_000000342065_00139_30754_8835.N1 | 17-JAN-2008 14:41:15 | Bright | 33.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 67 | 30754 | No |
| 18 | GOM_NL__2PRFIN20080117_144322_000000332065_00139_30754_8836.N1 | 17-JAN-2008 14:43:22 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30754 | No |
| 19 | GOM_NL__2PRFIN20080117_144717_000000392065_00139_30754_8837.N1 | 17-JAN-2008 14:47:17 | Bright | 39.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 78 | 30754 | No |
| 20 | GOM_NL__2PRFIN20080117_144837_000000542065_00139_30754_8838.N1 | 17-JAN-2008 14:48:37 | Bright | 54.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 108 | 30754 | No |
| 21 | GOM_NL__2PRFIN20080117_145305_000000482065_00139_30754_8839.N1 | 17-JAN-2008 14:53:05 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 30754 | No |
| 22 | GOM_NL__2PRFIN20080117_145444_000000432065_00139_30754_8840.N1 | 17-JAN-2008 14:54:44 | Twilight | 43.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 86 | 30754 | No |
| 23 | GOM_NL__2PRFIN20080117_145824_000000382065_00139_30754_8841.N1 | 17-JAN-2008 14:58:24 | Dark | 38.000 | 131 | Gam Lup | 2.8000 | 26000. | 76 | 30754 | No |
| 24 | GOM_NL__2PRFIN20080117_150012_000000402065_00139_30754_8842.N1 | 17-JAN-2008 15:00:12 | Dark | 40.000 | 109 | Bet Lup | 2.6770 | 26000. | 80 | 30754 | No |
| 25 | GOM_NL__2PRFIN20080117_150142_000000402065_00139_30754_8843.N1 | 17-JAN-2008 15:01:42 | Dark | 39.500 | 78 | Alp Lup | 2.3040 | 28000. | 79 | 30754 | No |
| 26 | GOM_NL__2PRFIN20080117_150412_000000412065_00140_30755_8829.N1 | 17-JAN-2008 15:04:12 | Dark | 41.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 82 | 30755 | No |
| 27 | GOM_NL__2PRFIN20080117_150903_000000412065_00140_30755_8830.N1 | 17-JAN-2008 15:09:03 | Dark | 40.500 | 129 | Del Cru | 2.7930 | 26000. | 81 | 30755 | No |
| 28 | GOM_NL__2PRFIN20080117_151151_000000392065_00140_30755_8831.N1 | 17-JAN-2008 15:11:51 | Dark | 38.500 | 124 | The Car | 2.7640 | 30000. | 77 | 30755 | No |
| 29 | GOM_NL__2PRFIN20080117_151309_000000372065_00140_30755_8832.N1 | 17-JAN-2008 15:13:09 | Dark | 37.000 | 29 | Bet Car | 1.6720 | 10200. | 74 | 30755 | No |
| 30 | GOM_NL__2PRFIN20080117_151507_000000402065_00140_30755_8833.N1 | 17-JAN-2008 15:15:07 | Dark | 39.500 | 71 | lot Car | 2.2460 | 7700.0 | 79 | 30755 | No |
| 31 | GOM_NL__2PRFIN20080117_151659_000000442065_00140_30755_8834.N1 | 17-JAN-2008 15:16:59 | Dark | 43.500 | 46 | Del Vel | 1.9540 | 10600. | 87 | 30755 | No |
| 32 | GOM_NL__2PRFIN20080117_151941_000000432065_00140_30755_8835.N1 | 17-JAN-2008 15:19:41 | Dark | 42.500 | 34 | Gam2Vel | 1.7930 | 23000. | 85 | 30755 | No |
| 33 | GOM_NL__2PRFIN20080117_152149_000000422065_00140_30755_8836.N1 | 17-JAN-2008 15:21:49 | Dark | 42.000 | 70 | Zet Pup | 2.2460 | 39000. | 84 | 30755 | No |
| 34 | GOM_NL__2PRFIN20080117_152327_000000452065_00140_30755_8837.N1 | 17-JAN-2008 15:23:27 | Straylight | 44.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 89 | 30755 | No |
| 35 | GOM_NL__2PRFIN20080117_152559_000000422065_00140_30755_8838.N1 | 17-JAN-2008 15:25:59 | Straylight | 42.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 84 | 30755 | No |
| 36 | GOM_NL__2PRFIN20080117_152724_000000382065_00140_30755_8839.N1 | 17-JAN-2008 15:27:24 | Straylight | 37.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 75 | 30755 | No |
| 37 | GOM_NL__2PRFIN20080117_152937_000000382065_00140_30755_8840.N1 | 17-JAN-2008 15:29:37 | Straylight | 38.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 76 | 30755 | No |
| 38 | GOM_NL__2PRFIN20080117_153207_000000362065_00140_30755_8841.N1 | 17-JAN-2008 15:32:07 | Straylight | 35.500 | 56 | 53Kap Ori | 2.0650 | 30000. | 71 | 30755 | No |
| 39 | GOM_NL__2PRFIN20080117_153435_000000412065_00140_30755_8842.N1 | 17-JAN-2008 15:34:35 | Twilight | 40.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 81 | 30755 | No |
| 40 | GOM_NL__2PRFIN20080117_153646_000000472065_00140_30755_8843.N1 | 17-JAN-2008 15:36:46 | Twilight | 46.500 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 93 | 30755 | No |
| 41 | GOM_NL__2PRFIN20080117_153912_000000402065_00140_30755_8844.N1 | 17-JAN-2008 15:39:12 | Bright | 40.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 80 | 30755 | No |
| 42 | GOM_NL__2PRFIN20080117_154043_000000352065_00140_30755_8845.N1 | 17-JAN-2008 15:40:43 | Bright | 34.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 69 | 30755 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20080117_154253_000000362065_00140_30755_8846.N1 | 17-JAN-2008 15:42:53 | Bright | 36.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 72 | 30755 | No |
| 44 | GOM_NL__2PRFIN20080117_154505_000000362065_00140_30755_8847.N1 | 17-JAN-2008 15:45:05 | Bright | 35.500 | 107 | 37The Aur | 2.6490 | 11000. | 71 | 30755 | No |
| 45 | GOM_NL__2PRFIN20080117_154716_000000362065_00140_30755_8848.N1 | 17-JAN-2008 15:47:16 | Bright | 35.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 71 | 30755 | No |
| 46 | GOM_NL__2PRFIN20080117_155950_000000362065_00140_30755_8849.N1 | 17-JAN-2008 15:59:50 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 30755 | No |
| 47 | GOM_NL__2PRFIN20080117_160805_000000382065_00140_30755_8850.N1 | 17-JAN-2008 16:08:05 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 30755 | No |
| 48 | GOM_NL__2PRFIN20080117_161043_000000372065_00140_30755_8851.N1 | 17-JAN-2008 16:10:43 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 30755 | No |
| 49 | GOM_NL__2PRFIN20080117_161702_000000422065_00140_30755_8852.N1 | 17-JAN-2008 16:17:02 | Bright | 42.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 84 | 30755 | No |
| 50 | GOM_NL__2PRFIN20080117_162010_000000302065_00140_30755_8853.N1 | 17-JAN-2008 16:20:10 | Bright | 30.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 60 | 30755 | No |
| 51 | GOM_NL__2PRFIN20080117_162151_000000342065_00140_30755_8854.N1 | 17-JAN-2008 16:21:51 | Bright | 33.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 67 | 30755 | No |
| 52 | GOM_NL__2PRFIN20080117_162358_000000332065_00140_30755_8855.N1 | 17-JAN-2008 16:23:58 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30755 | No |
| 53 | GOM_NL__2PRFIN20080117_162753_000000392065_00140_30755_8856.N1 | 17-JAN-2008 16:27:53 | Bright | 39.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 78 | 30755 | No |
| 54 | GOM_NL__2PRFIN20080117_162913_000000452065_00140_30755_8857.N1 | 17-JAN-2008 16:29:13 | Bright | 44.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 89 | 30755 | No |
| 55 | GOM_NL__2PRFIN20080117_163341_000000492065_00140_30755_8858.N1 | 17-JAN-2008 16:33:41 | Twilight | 49.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 98 | 30755 | No |
| 56 | GOM_NL__2PRFIN20080117_163520_000000422065_00140_30755_8859.N1 | 17-JAN-2008 16:35:20 | Twilight | 42.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 84 | 30755 | No |
| 57 | GOM_NL__2PRFIN20080117_163900_000000402065_00140_30755_8860.N1 | 17-JAN-2008 16:39:00 | Dark | 39.500 | 131 | Gam Lup | 2.8000 | 26000. | 79 | 30755 | No |
| 58 | GOM_NL__2PRFIN20080117_164048_000000402065_00140_30755_8861.N1 | 17-JAN-2008 16:40:48 | Dark | 39.500 | 109 | Bet Lup | 2.6770 | 26000. | 79 | 30755 | No |
| 59 | GOM_NL__2PRFIN20080117_164219_000000412065_00140_30755_8862.N1 | 17-JAN-2008 16:42:19 | Dark | 41.000 | 78 | Alp Lup | 2.3040 | 28000. | 82 | 30755 | No |
| 60 | GOM_NL__2PRFIN20080117_164449_000000522065_00141_30756_8854.N1 | 17-JAN-2008 16:44:49 | Dark | 51.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 103 | 30756 | No |
| 61 | GOM_NL__2PRFIN20080117_164940_000000412065_00141_30756_8855.N1 | 17-JAN-2008 16:49:40 | Dark | 40.500 | 129 | Del Cru | 2.7930 | 26000. | 81 | 30756 | No |
| 62 | GOM_NL__2PRFIN20080117_165228_000000392065_00141_30756_8856.N1 | 17-JAN-2008 16:52:28 | Dark | 39.000 | 124 | The Car | 2.7640 | 30000. | 78 | 30756 | No |
| 63 | GOM_NL__2PRFIN20080117_165345_000000382065_00141_30756_8857.N1 | 17-JAN-2008 16:53:45 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 30756 | No |
| 64 | GOM_NL__2PRFIN20080117_165544_000000392065_00141_30756_8858.N1 | 17-JAN-2008 16:55:44 | Dark | 39.000 | 71 | lot Car | 2.2460 | 7700.0 | 78 | 30756 | No |
| 65 | GOM_NL__2PRFIN20080117_165735_000000382065_00141_30756_8859.N1 | 17-JAN-2008 16:57:35 | Dark | 38.000 | 46 | Del Vel | 1.9540 | 10600. | 76 | 30756 | No |
| 66 | GOM_NL__2PRFIN20080117_170017_000000432065_00141_30756_8860.N1 | 17-JAN-2008 17:00:17 | Dark | 43.000 | 34 | Gam2Vel | 1.7930 | 23000. | 86 | 30756 | No |
| 67 | GOM_NL__2PRFIN20080117_170225_000000452065_00141_30756_8861.N1 | 17-JAN-2008 17:02:25 | Dark | 44.500 | 70 | Zet Pup | 2.2460 | 39000. | 89 | 30756 | No |
| 68 | GOM_NL__2PRFIN20080117_170403_000000442065_00141_30756_8862.N1 | 17-JAN-2008 17:04:03 | Straylight | 44.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 88 | 30756 | No |
| 69 | GOM_NL__2PRFIN20080117_170636_000000422065_00141_30756_8863.N1 | 17-JAN-2008 17:06:36 | Straylight | 41.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 83 | 30756 | No |
| 70 | GOM_NL__2PRFIN20080117_170800_000000382065_00141_30756_8864.N1 | 17-JAN-2008 17:08:00 | Straylight | 37.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 75 | 30756 | No |
| 71 | GOM_NL__2PRFIN20080117_171013_000000372065_00141_30756_8865.N1 | 17-JAN-2008 17:10:13 | Straylight | 37.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 74 | 30756 | No |
| 72 | GOM_NL__2PRFIN20080117_171243_000000362065_00141_30756_8866.N1 | 17-JAN-2008 17:12:43 | Straylight | 36.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 72 | 30756 | No |
| 73 | GOM_NL__2PRFIN20080117_171511_000000412065_00141_30756_8867.N1 | 17-JAN-2008 17:15:11 | Twilight | 40.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 81 | 30756 | No |
| 74 | GOM_NL__2PRFIN20080117_171722_000000502065_00141_30756_8868.N1 | 17-JAN-2008 17:17:22 | Twilight | 50.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 100 | 30756 | No |
| 75 | GOM_NL__2PRFIN20080117_171948_000000532065_00141_30756_8869.N1 | 17-JAN-2008 17:19:48 | Bright | 53.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 106 | 30756 | No |
| 76 | GOM_NL__2PRFIN20080117_172120_000000372065_00141_30756_8870.N1 | 17-JAN-2008 17:21:20 | Bright | 37.000 | 176 | 23Zet Tau | 3.0200 | 22000. | 74 | 30756 | No |
| 77 | GOM_NL__2PRFIN20080117_172329_000000372065_00141_30756_8871.N1 | 17-JAN-2008 17:23:29 | Bright | 37.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 74 | 30756 | No |
| 78 | GOM_NL__2PRFIN20080117_172541_000000352065_00141_30756_8872.N1 | 17-JAN-2008 17:25:41 | Bright | 34.500 | 107 | 37The Aur | 2.6490 | 11000. | 69 | 30756 | No |
| 79 | GOM_NL__2PRFIN20080117_172752_000000362065_00141_30756_8873.N1 | 17-JAN-2008 17:27:52 | Bright | 35.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 71 | 30756 | No |
| 80 | GOM_NL__2PRFIN20080117_174026_000000352065_00141_30756_8874.N1 | 17-JAN-2008 17:40:26 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 30756 | No |
| 81 | GOM_NL__2PRFIN20080117_174841_000000382065_00141_30756_8875.N1 | 17-JAN-2008 17:48:41 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 30756 | No |
| 82 | GOM_NL__2PRFIN20080117_175119_000000342065_00141_30756_8876.N1 | 17-JAN-2008 17:51:19 | Bright | 33.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 67 | 30756 | No |
| 83 | GOM_NL__2PRFIN20080117_175738_000000362065_00141_30756_8877.N1 | 17-JAN-2008 17:57:38 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 30756 | No |
| 84 | GOM_NL__2PRFIN20080117_180227_000000342065_00141_30756_8878.N1 | 17-JAN-2008 18:02:27 | Bright | 34.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 68 | 30756 | No |
| 85 | GOM_NL__2PRFIN20080117_180434_000000332065_00141_30756_8879.N1 | 17-JAN-2008 18:04:34 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30756 | No |
| 86 | GOM_NL__2PRFIN20080117_180830_000000422065_00141_30756_8880.N1 | 17-JAN-2008 18:08:30 | Bright | 42.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 84 | 30756 | No |
| 87 | GOM_NL__2PRFIN20080117_180950_000000542065_00141_30756_8881.N1 | 17-JAN-2008 18:09:50 | Bright | 54.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 108 | 30756 | No |
| 88 | GOM_NL__2PRFIN20080117_181418_000000512065_00141_30756_8882.N1 | 17-JAN-2008 18:14:18 | Twilight | 51.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 102 | 30756 | No |
| 89 | GOM_NL__2PRFIN20080117_181556_000000442065_00141_30756_8883.N1 | 17-JAN-2008 18:15:56 | Twilight | 43.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 87 | 30756 | No |
| 90 | GOM_NL__2PRFIN20080117_181937_000000402065_00141_30756_8884.N1 | 17-JAN-2008 18:19:37 | Dark | 39.500 | 131 | Gam Lup | 2.8000 | 26000. | 79 | 30756 | No |
| 91 | GOM_NL__2PRFIN20080117_182125_000000402065_00141_30756_8885.N1 | 17-JAN-2008 18:21:25 | Dark | 39.500 | 109 | Bet Lup | 2.6770 | 26000. | 79 | 30756 | No |
| 92 | GOM_NL__2PRFIN20080117_182256_000000402065_00141_30756_8886.N1 | 17-JAN-2008 18:22:56 | Dark | 39.500 | 78 | Alp Lup | 2.3040 | 28000. | 79 | 30756 | No |
| 93 | GOM_NL__2PRFIN20080117_182525_000000422065_00142_30757_8865.N1 | 17-JAN-2008 18:25:25 | Dark | 42.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 84 | 30757 | No |
| 94 | GOM_NL__2PRFIN20080117_183017_000000402065_00142_30757_8866.N1 | 17-JAN-2008 18:30:17 | Dark | 40.000 | 129 | Del Cru | 2.7930 | 26000. | 80 | 30757 | No |
| 95 | GOM_NL__2PRFIN20080117_183304_000000392065_00142_30757_8867.N1 | 17-JAN-2008 18:33:04 | Dark | 38.500 | 124 | The Car | 2.7640 | 30000. | 77 | 30757 | No |
| 96 | GOM_NL__2PRFIN20080117_183422_000000382065_00142_30757_8868.N1 | 17-JAN-2008 18:34:22 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 30757 | No |
| 97 | GOM_NL__2PRFIN20080117_183620_000000412065_00142_30757_8869.N1 | 17-JAN-2008 18:36:20 | Dark | 40.500 | 71 | lot Car | 2.2460 | 7700.0 | 81 | 30757 | No |
| 98 | GOM_NL__2PRFIN20080117_183812_000000422065_00142_30757_8870.N1 | 17-JAN-2008 18:38:12 | Dark | 42.000 | 46 | Del Vel | 1.9540 | 10600. | 84 | 30757 | No |
| 99 | GOM_NL__2PRFIN20080117_184053_000000442065_00142_30757_8871.N1 | 17-JAN-2008 18:40:53 | Dark | 43.500 | 34 | Gam2Vel | 1.7930 | 23000. | 87 | 30757 | No |
| 100 | GOM_NL__2PRFIN20080117_184302_000000422065_00142_30757_8872.N1 | 17-JAN-2008 18:43:02 | Dark | 42.000 | 70 | Zet Pup | 2.2460 | 39000. | 84 | 30757 | No |
| 101 | GOM_NL__2PRFIN20080117_184440_000000432065_00142_30757_8873.N1 | 17-JAN-2008 18:44:40 | Straylight | 42.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 85 | 30757 | No |

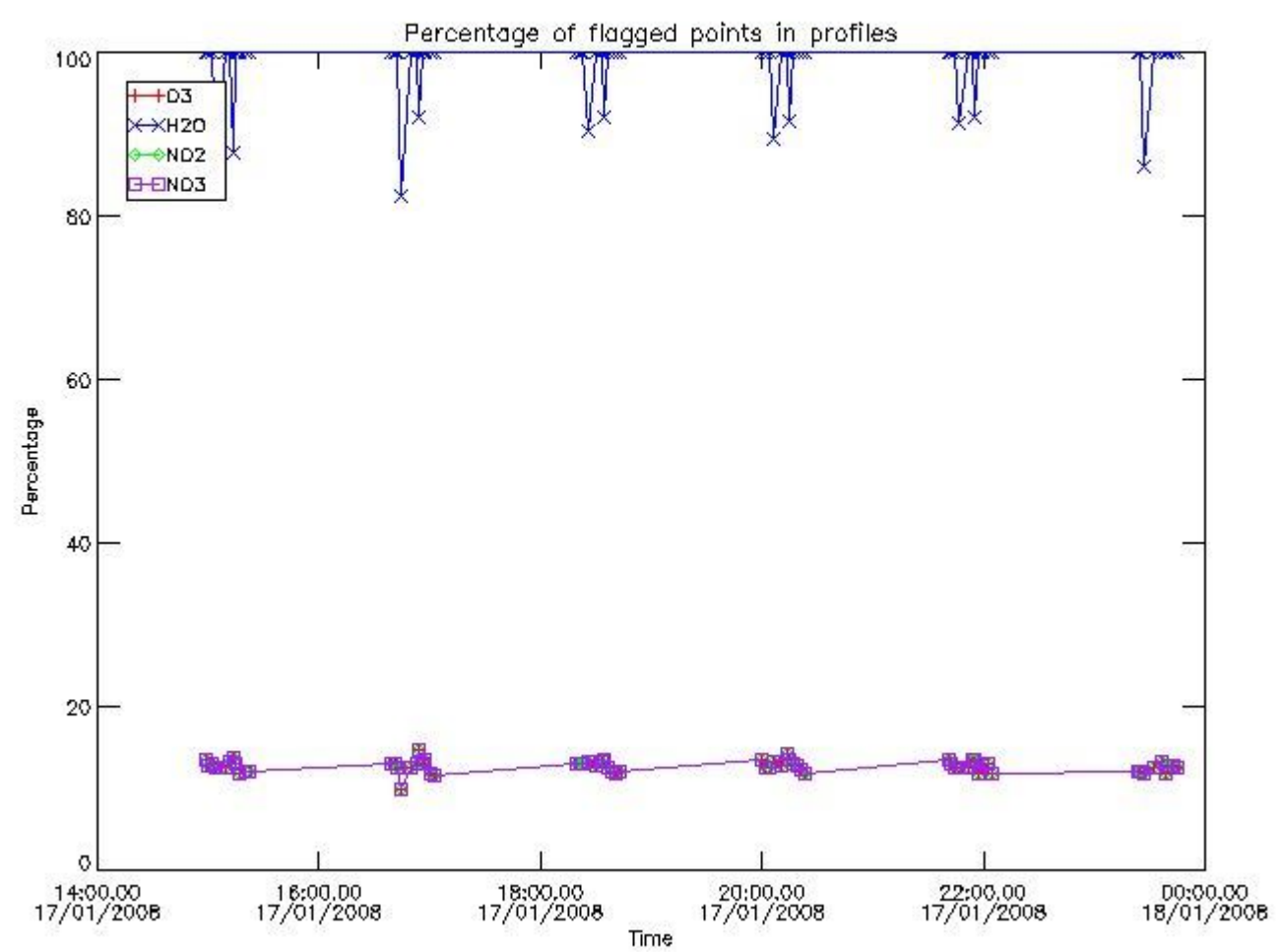
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20080117_184712_000000412065_00142_30757_8874.N1 | 17-JAN-2008 18:47:12 | Straylight | 40.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 81 | 30757 | No |
| 103 | GOM_NL__2PRFIN20080117_185049_000000382065_00142_30757_8875.N1 | 17-JAN-2008 18:50:49 | Straylight | 37.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 75 | 30757 | No |
| 104 | GOM_NL__2PRFIN20080117_185319_000000392065_00142_30757_8876.N1 | 17-JAN-2008 18:53:19 | Straylight | 38.500 | 56 | 53Kap Ori | 2.0650 | 30000. | 77 | 30757 | No |
| 105 | GOM_NL__2PRFIN20080117_185547_000000412065_00142_30757_8877.N1 | 17-JAN-2008 18:55:47 | Tw_i_and_stray | 41.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 82 | 30757 | No |
| 106 | GOM_NL__2PRFIN20080117_185759_000000522065_00142_30757_8878.N1 | 17-JAN-2008 18:57:59 | Tw_i_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30757 | No |
| 107 | GOM_NL__2PRFIN20080117_190024_000000482065_00142_30757_8879.N1 | 17-JAN-2008 19:00:24 | Bright | 47.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 95 | 30757 | No |
| 108 | GOM_NL__2PRFIN20080117_190156_000000372065_00142_30757_8880.N1 | 17-JAN-2008 19:01:56 | Bright | 36.500 | 176 | 23Zet Tau | 3.0200 | 22000. | 73 | 30757 | No |
| 109 | GOM_NL__2PRFIN20080117_190406_000000362065_00142_30757_8881.N1 | 17-JAN-2008 19:04:06 | Bright | 35.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 71 | 30757 | No |
| 110 | GOM_NL__2PRFIN20080117_190617_000000352065_00142_30757_8882.N1 | 17-JAN-2008 19:06:17 | Bright | 34.500 | 107 | 37The Aur | 2.6490 | 11000. | 69 | 30757 | No |
| 111 | GOM_NL__2PRFIN20080117_190828_000000362065_00142_30757_8883.N1 | 17-JAN-2008 19:08:28 | Bright | 36.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 72 | 30757 | No |
| 112 | GOM_NL__2PRFIN20080117_192102_000000372065_00142_30757_8884.N1 | 17-JAN-2008 19:21:02 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 30757 | No |
| 113 | GOM_NL__2PRFIN20080117_192917_000000372065_00142_30757_8885.N1 | 17-JAN-2008 19:29:17 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 30757 | No |
| 114 | GOM_NL__2PRFIN20080117_193155_000000352065_00142_30757_8886.N1 | 17-JAN-2008 19:31:55 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 30757 | No |
| 115 | GOM_NL__2PRFIN20080117_193814_000000382065_00142_30757_8887.N1 | 17-JAN-2008 19:38:14 | Bright | 37.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 75 | 30757 | No |
| 116 | GOM_NL__2PRFIN20080117_194304_000000342065_00142_30757_8888.N1 | 17-JAN-2008 19:43:04 | Bright | 33.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 67 | 30757 | No |
| 117 | GOM_NL__2PRFIN20080117_194510_000000342065_00142_30757_8889.N1 | 17-JAN-2008 19:45:10 | Bright | 33.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 67 | 30757 | No |
| 118 | GOM_NL__2PRFIN20080117_194906_000000422065_00142_30757_8890.N1 | 17-JAN-2008 19:49:06 | Bright | 42.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 84 | 30757 | No |
| 119 | GOM_NL__2PRFIN20080117_195026_000000542065_00142_30757_8891.N1 | 17-JAN-2008 19:50:26 | Bright | 54.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 108 | 30757 | No |
| 120 | GOM_NL__2PRFIN20080117_195454_000000472065_00142_30757_8892.N1 | 17-JAN-2008 19:54:54 | Tw_i_and_stray | 46.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 93 | 30757 | No |
| 121 | GOM_NL__2PRFIN20080117_195633_000000432065_00142_30757_8893.N1 | 17-JAN-2008 19:56:33 | Twilight | 43.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 86 | 30757 | No |
| 122 | GOM_NL__2PRFIN20080117_200013_000000382065_00142_30757_8894.N1 | 17-JAN-2008 20:00:13 | Dark | 38.000 | 131 | Gam Lup | 2.8000 | 26000. | 76 | 30757 | No |
| 123 | GOM_NL__2PRFIN20080117_200202_000000412065_00142_30757_8895.N1 | 17-JAN-2008 20:02:02 | Dark | 40.500 | 109 | Bet Lup | 2.6770 | 26000. | 81 | 30757 | No |
| 124 | GOM_NL__2PRFIN20080117_200332_000000412065_00142_30757_8896.N1 | 17-JAN-2008 20:03:32 | Dark | 41.000 | 78 | Alp Lup | 2.3040 | 28000. | 82 | 30757 | No |
| 125 | GOM_NL__2PRFIN20080117_200602_000000432065_00143_30758_8878.N1 | 17-JAN-2008 20:06:02 | Dark | 42.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 85 | 30758 | No |
| 126 | GOM_NL__2PRFIN20080117_201053_000000402065_00143_30758_8879.N1 | 17-JAN-2008 20:10:53 | Dark | 40.000 | 129 | Del Cru | 2.7930 | 26000. | 80 | 30758 | No |
| 127 | GOM_NL__2PRFIN20080117_201340_000000402065_00143_30758_8880.N1 | 17-JAN-2008 20:13:40 | Dark | 39.500 | 124 | The Car | 2.7640 | 30000. | 79 | 30758 | No |
| 128 | GOM_NL__2PRFIN20080117_201458_000000422065_00143_30758_8881.N1 | 17-JAN-2008 20:14:58 | Dark | 41.500 | 29 | Bet Car | 1.6720 | 10200. | 83 | 30758 | No |
| 129 | GOM_NL__2PRFIN20080117_201657_000000402065_00143_30758_8882.N1 | 17-JAN-2008 20:16:57 | Dark | 39.500 | 71 | lot Car | 2.2460 | 7700.0 | 79 | 30758 | No |
| 130 | GOM_NL__2PRFIN20080117_201848_000000402065_00143_30758_8883.N1 | 17-JAN-2008 20:18:48 | Dark | 40.000 | 46 | Del Vel | 1.9540 | 10600. | 80 | 30758 | No |
| 131 | GOM_NL__2PRFIN20080117_202130_000000422065_00143_30758_8884.N1 | 17-JAN-2008 20:21:30 | Dark | 41.500 | 34 | Gam2Vel | 1.7930 | 23000. | 83 | 30758 | No |
| 132 | GOM_NL__2PRFIN20080117_202338_000000432065_00143_30758_8885.N1 | 17-JAN-2008 20:23:38 | Dark | 43.000 | 70 | Zet Pup | 2.2460 | 39000. | 86 | 30758 | No |
| 133 | GOM_NL__2PRFIN20080117_202516_000000412065_00143_30758_8886.N1 | 17-JAN-2008 20:25:16 | Straylight | 41.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 82 | 30758 | No |
| 134 | GOM_NL__2PRFIN20080117_202748_000000422065_00143_30758_8887.N1 | 17-JAN-2008 20:27:48 | Straylight | 42.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 84 | 30758 | No |
| 135 | GOM_NL__2PRFIN20080117_202913_000000372065_00143_30758_8888.N1 | 17-JAN-2008 20:29:13 | Straylight | 37.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 74 | 30758 | No |
| 136 | GOM_NL__2PRFIN20080117_203125_000000452065_00143_30758_8889.N1 | 17-JAN-2008 20:31:25 | Straylight | 44.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 89 | 30758 | No |
| 137 | GOM_NL__2PRFIN20080117_203355_000000402065_00143_30758_8890.N1 | 17-JAN-2008 20:33:55 | Straylight | 40.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 80 | 30758 | No |
| 138 | GOM_NL__2PRFIN20080117_203623_000000422065_00143_30758_8891.N1 | 17-JAN-2008 20:36:23 | Tw_i_and_stray | 41.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 83 | 30758 | No |
| 139 | GOM_NL__2PRFIN20080117_203835_000000522065_00143_30758_8892.N1 | 17-JAN-2008 20:38:35 | Tw_i_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30758 | No |
| 140 | GOM_NL__2PRFIN20080117_204100_000000522065_00143_30758_8893.N1 | 17-JAN-2008 20:41:00 | Bright | 52.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 104 | 30758 | No |
| 141 | GOM_NL__2PRFIN20080117_204244_000000392065_00143_30758_8894.N1 | 17-JAN-2008 20:42:44 | Bright | 39.000 | 151 | 13Mu Gem | 2.8900 | 3000.0 | 78 | 30758 | No |
| 142 | GOM_NL__2PRFIN20080117_204442_000000352065_00143_30758_8895.N1 | 17-JAN-2008 20:44:42 | Bright | 34.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 69 | 30758 | No |
| 143 | GOM_NL__2PRFIN20080117_204653_000000522065_00143_30758_8896.N1 | 17-JAN-2008 20:46:53 | Bright | 52.000 | 107 | 37The Aur | 2.6490 | 11000. | 104 | 30758 | No |
| 144 | GOM_NL__2PRFIN20080117_204904_000000362065_00143_30758_8897.N1 | 17-JAN-2008 20:49:04 | Bright | 36.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 72 | 30758 | No |
| 145 | GOM_NL__2PRFIN20080117_210138_000000352065_00143_30758_8898.N1 | 17-JAN-2008 21:01:38 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 30758 | No |
| 146 | GOM_NL__2PRFIN20080117_210953_000000462065_00143_30758_8899.N1 | 17-JAN-2008 21:09:53 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 30758 | No |
| 147 | GOM_NL__2PRFIN20080117_211231_000000352065_00143_30758_8900.N1 | 17-JAN-2008 21:12:31 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 30758 | No |
| 148 | GOM_NL__2PRFIN20080117_211850_000000552065_00143_30758_8901.N1 | 17-JAN-2008 21:18:50 | Bright | 55.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 110 | 30758 | No |
| 149 | GOM_NL__2PRFIN20080117_212340_000000332065_00143_30758_8902.N1 | 17-JAN-2008 21:23:40 | Bright | 33.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 66 | 30758 | No |
| 150 | GOM_NL__2PRFIN20080117_212547_000000332065_00143_30758_8903.N1 | 17-JAN-2008 21:25:47 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30758 | No |
| 151 | GOM_NL__2PRFIN20080117_212943_000000262065_00143_30758_8904.N1 | 17-JAN-2008 21:29:43 | Tw_i_and_stray | 26.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 52 | 30758 | No |
| 152 | GOM_NL__2PRFIN20080117_213102_000000412065_00143_30758_8905.N1 | 17-JAN-2008 21:31:02 | Bright | 40.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 81 | 30758 | No |
| 153 | GOM_NL__2PRFIN20080117_213531_000000482065_00143_30758_8906.N1 | 17-JAN-2008 21:35:31 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 30758 | No |
| 154 | GOM_NL__2PRFIN20080117_213709_000000452065_00143_30758_8907.N1 | 17-JAN-2008 21:37:09 | Twilight | 45.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 90 | 30758 | No |
| 155 | GOM_NL__2PRFIN20080117_214050_000000382065_00143_30758_8908.N1 | 17-JAN-2008 21:40:50 | Dark | 37.500 | 131 | Gam Lup | 2.8000 | 26000. | 75 | 30758 | No |
| 156 | GOM_NL__2PRFIN20080117_214238_000000392065_00143_30758_8909.N1 | 17-JAN-2008 21:42:38 | Dark | 39.000 | 109 | Bet Lup | 2.6770 | 26000. | 78 | 30758 | No |
| 157 | GOM_NL__2PRFIN20080117_214409_000000412065_00143_30758_8910.N1 | 17-JAN-2008 21:44:09 | Dark | 40.500 | 78 | Alp Lup | 2.3040 | 28000. | 81 | 30758 | No |
| 158 | GOM_NL__2PRFIN20080117_214638_000000412065_00144_30759_8893.N1 | 17-JAN-2008 21:46:38 | Dark | 40.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 81 | 30759 | No |
| 159 | GOM_NL__2PRFIN20080117_215130_000000412065_00144_30759_8894.N1 | 17-JAN-2008 21:51:30 | Dark | 41.000 | 129 | Del Cru | 2.7930 | 26000. | 82 | 30759 | No |
| 160 | GOM_NL__2PRFIN20080117_215417_000000382065_00144_30759_8895.N1 | 17-JAN-2008 21:54:17 | Dark | 37.500 | 124 | The Car | 2.7640 | 30000. | 75 | 30759 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20080117_215534_000000382065_00144_30759_8896.N1 | 17-JAN-2008 21:55:34 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 30759 | No |
| 162 | GOM_NL__2PRFIN20080117_215733_000000432065_00144_30759_8897.N1 | 17-JAN-2008 21:57:33 | Dark | 43.000 | 71 | lot Car | 2.2460 | 7700.0 | 86 | 30759 | No |
| 163 | GOM_NL__2PRFIN20080117_215924_000000402065_00144_30759_8898.N1 | 17-JAN-2008 21:59:24 | Dark | 40.000 | 46 | Del Vel | 1.9540 | 10600. | 80 | 30759 | No |
| 164 | GOM_NL__2PRFIN20080117_220206_000000402065_00144_30759_8899.N1 | 17-JAN-2008 22:02:06 | Dark | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 30759 | No |
| 165 | GOM_NL__2PRFIN20080117_220414_000000432065_00144_30759_8900.N1 | 17-JAN-2008 22:04:14 | Dark | 43.000 | 70 | Zet Pup | 2.2460 | 39000. | 86 | 30759 | No |
| 166 | GOM_NL__2PRFIN20080117_220552_000000422065_00144_30759_8901.N1 | 17-JAN-2008 22:05:52 | Straylight | 42.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 84 | 30759 | No |
| 167 | GOM_NL__2PRFIN20080117_220824_000000422065_00144_30759_8902.N1 | 17-JAN-2008 22:08:24 | Straylight | 41.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 83 | 30759 | No |
| 168 | GOM_NL__2PRFIN20080117_220949_000000392065_00144_30759_8903.N1 | 17-JAN-2008 22:09:49 | Straylight | 39.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 78 | 30759 | No |
| 169 | GOM_NL__2PRFIN20080117_221201_000000442065_00144_30759_8904.N1 | 17-JAN-2008 22:12:01 | Straylight | 44.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 88 | 30759 | No |
| 170 | GOM_NL__2PRFIN20080117_221431_000000382065_00144_30759_8905.N1 | 17-JAN-2008 22:14:31 | Straylight | 38.000 | 56 | 53Kap Ori | 2.0650 | 30000. | 76 | 30759 | No |
| 171 | GOM_NL__2PRFIN20080117_221659_000000422065_00144_30759_8906.N1 | 17-JAN-2008 22:16:59 | Twl_and_stray | 41.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 83 | 30759 | No |
| 172 | GOM_NL__2PRFIN20080117_221911_000000522065_00144_30759_8907.N1 | 17-JAN-2008 22:19:11 | Twl_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30759 | No |
| 173 | GOM_NL__2PRFIN20080117_222136_000000482065_00144_30759_8908.N1 | 17-JAN-2008 22:21:36 | Bright | 47.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 95 | 30759 | No |
| 174 | GOM_NL__2PRFIN20080117_222320_000000412065_00144_30759_8909.N1 | 17-JAN-2008 22:23:20 | Bright | 41.000 | 151 | 13Mu Gem | 2.8900 | 3000.0 | 82 | 30759 | No |
| 175 | GOM_NL__2PRFIN20080117_222518_000000362065_00144_30759_8910.N1 | 17-JAN-2008 22:25:18 | Bright | 35.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 71 | 30759 | No |
| 176 | GOM_NL__2PRFIN20080117_222729_000000342065_00144_30759_8911.N1 | 17-JAN-2008 22:27:29 | Bright | 34.000 | 107 | 37The Aur | 2.6490 | 11000. | 68 | 30759 | No |
| 177 | GOM_NL__2PRFIN20080117_222940_000000522065_00144_30759_8912.N1 | 17-JAN-2008 22:29:40 | Bright | 52.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 104 | 30759 | No |
| 178 | GOM_NL__2PRFIN20080117_224214_000000342065_00144_30759_8913.N1 | 17-JAN-2008 22:42:14 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 30759 | No |
| 179 | GOM_NL__2PRFIN20080117_225029_000000362065_00144_30759_8914.N1 | 17-JAN-2008 22:50:29 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 30759 | No |
| 180 | GOM_NL__2PRFIN20080117_225307_000000362065_00144_30759_8915.N1 | 17-JAN-2008 22:53:07 | Bright | 35.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 71 | 30759 | No |
| 181 | GOM_NL__2PRFIN20080117_225926_000000552065_00144_30759_8916.N1 | 17-JAN-2008 22:59:26 | Bright | 55.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 110 | 30759 | No |
| 182 | GOM_NL__2PRFIN20080117_230416_000000332065_00144_30759_8917.N1 | 17-JAN-2008 23:04:16 | Bright | 33.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 66 | 30759 | No |
| 183 | GOM_NL__2PRFIN20080117_230623_000000332065_00144_30759_8918.N1 | 17-JAN-2008 23:06:23 | Bright | 33.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 66 | 30759 | No |
| 184 | GOM_NL__2PRFIN20080117_231019_000000262065_00144_30759_8919.N1 | 17-JAN-2008 23:10:19 | Twl_and_stray | 26.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 52 | 30759 | No |
| 185 | GOM_NL__2PRFIN20080117_231139_000000542065_00144_30759_8920.N1 | 17-JAN-2008 23:11:39 | Bright | 53.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 107 | 30759 | No |
| 186 | GOM_NL__2PRFIN20080117_231607_000000452065_00144_30759_8921.N1 | 17-JAN-2008 23:16:07 | Twl_and_stray | 45.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 90 | 30759 | No |
| 187 | GOM_NL__2PRFIN20080117_231745_000000392065_00144_30759_8922.N1 | 17-JAN-2008 23:17:45 | Twilight | 39.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 78 | 30759 | No |
| 188 | GOM_NL__2PRFIN20080117_232315_000000432065_00144_30759_8923.N1 | 17-JAN-2008 23:23:15 | Dark | 42.500 | 109 | Bet Lup | 2.6770 | 26000. | 85 | 30759 | No |
| 189 | GOM_NL__2PRFIN20080117_232445_000000422065_00144_30759_8924.N1 | 17-JAN-2008 23:24:45 | Dark | 42.000 | 78 | Alp Lup | 2.3040 | 28000. | 84 | 30759 | No |
| 190 | GOM_NL__2PRFIN20080117_232714_000000442065_00145_30760_8902.N1 | 17-JAN-2008 23:27:14 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 30760 | No |
| 191 | GOM_NL__2PRFIN20080117_233206_000000412065_00145_30760_8903.N1 | 17-JAN-2008 23:32:06 | Dark | 40.500 | 129 | Del Cru | 2.7930 | 26000. | 81 | 30760 | No |
| 192 | GOM_NL__2PRFIN20080117_233610_000000392065_00145_30760_8904.N1 | 17-JAN-2008 23:36:10 | Dark | 38.500 | 29 | Bet Car | 1.6720 | 10200. | 77 | 30760 | No |
| 193 | GOM_NL__2PRFIN20080117_233809_000000442065_00145_30760_8905.N1 | 17-JAN-2008 23:38:09 | Dark | 43.500 | 71 | lot Car | 2.2460 | 7700.0 | 87 | 30760 | No |
| 194 | GOM_NL__2PRFIN20080117_234001_000000402065_00145_30760_8906.N1 | 17-JAN-2008 23:40:01 | Dark | 40.000 | 46 | Del Vel | 1.9540 | 10600. | 80 | 30760 | No |
| 195 | GOM_NL__2PRFIN20080117_234242_000000402065_00145_30760_8907.N1 | 17-JAN-2008 23:42:42 | Dark | 40.000 | 34 | Gam2Vel | 1.7930 | 23000. | 80 | 30760 | No |
| 196 | GOM_NL__2PRFIN20080117_234450_000000412065_00145_30760_8908.N1 | 17-JAN-2008 23:44:50 | Dark | 40.500 | 70 | Zet Pup | 2.2460 | 39000. | 81 | 30760 | No |
| 197 | GOM_NL__2PRFIN20080117_234628_000000422065_00145_30760_8909.N1 | 17-JAN-2008 23:46:28 | Straylight | 41.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 83 | 30760 | No |
| 198 | GOM_NL__2PRFIN20080117_234900_000000422065_00145_30760_8910.N1 | 17-JAN-2008 23:49:00 | Straylight | 42.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 84 | 30760 | No |
| 199 | GOM_NL__2PRFIN20080117_235025_000000402065_00145_30760_8911.N1 | 17-JAN-2008 23:50:25 | Straylight | 40.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 80 | 30760 | No |
| 200 | GOM_NL__2PRFIN20080117_235237_000000472065_00145_30760_8912.N1 | 17-JAN-2008 23:52:37 | Straylight | 47.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 94 | 30760 | No |
| 201 | GOM_NL__2PRFIN20080117_235507_000000412065_00145_30760_8913.N1 | 17-JAN-2008 23:55:07 | Straylight | 40.500 | 56 | 53Kap Ori | 2.0650 | 30000. | 81 | 30760 | No |
| 202 | GOM_NL__2PRFIN20080117_235735_000000432065_00145_30760_8914.N1 | 17-JAN-2008 23:57:35 | Twl_and_stray | 42.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 85 | 30760 | No |
| 203 | GOM_NL__2PRFIN20080117_235947_000000522065_00145_30760_8915.N1 | 17-JAN-2008 23:59:47 | Twl_and_stray | 52.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 104 | 30760 | No |

3. Quality information per product

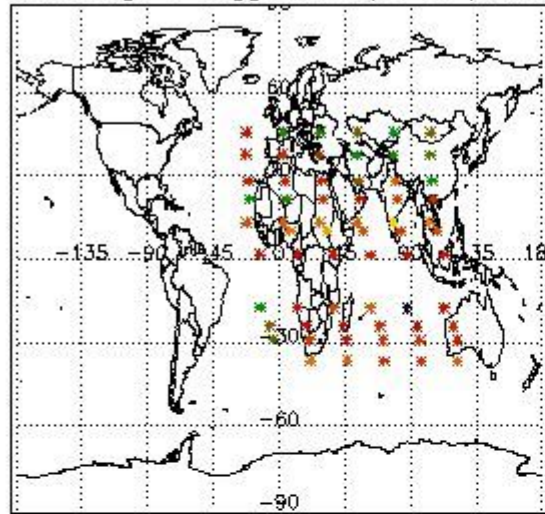
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

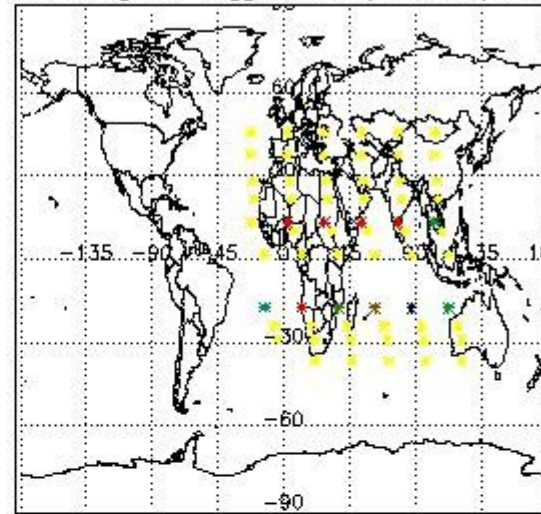


3.2 Plot quality information per product (world map)

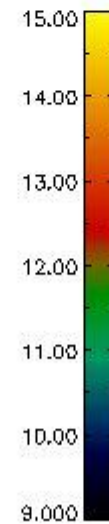
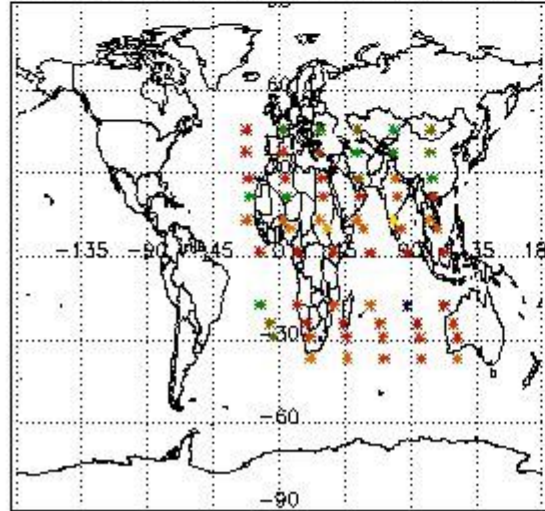
Percentage of flagged data per O3 profile



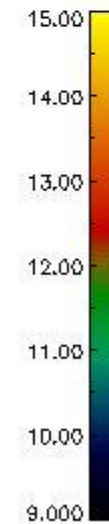
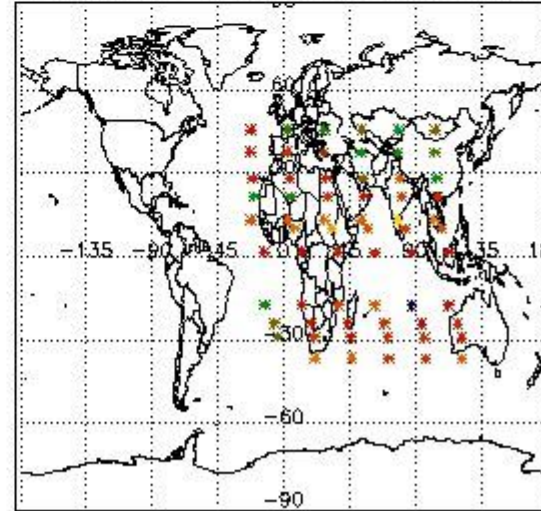
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

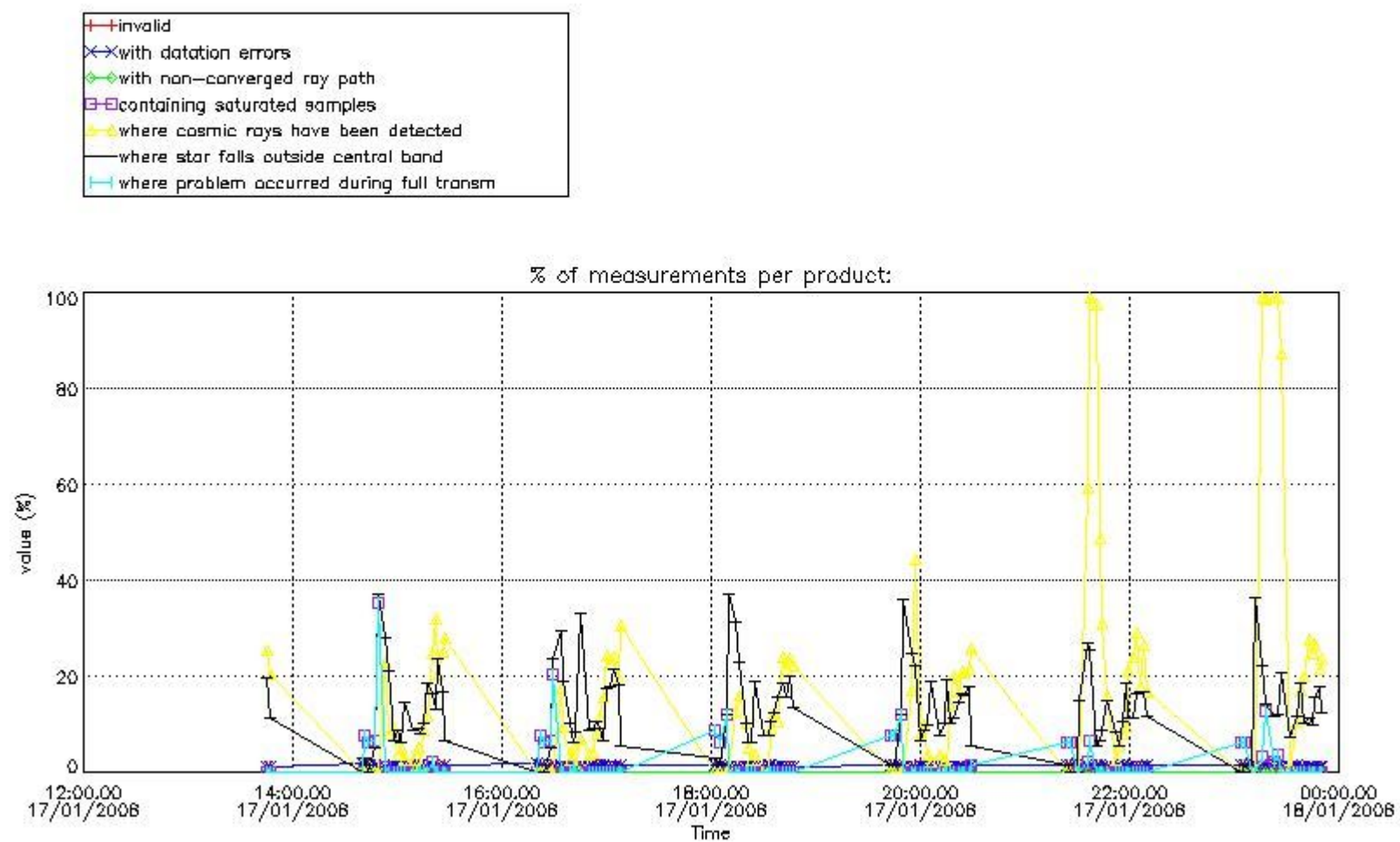


4. Level 1 quality information per product

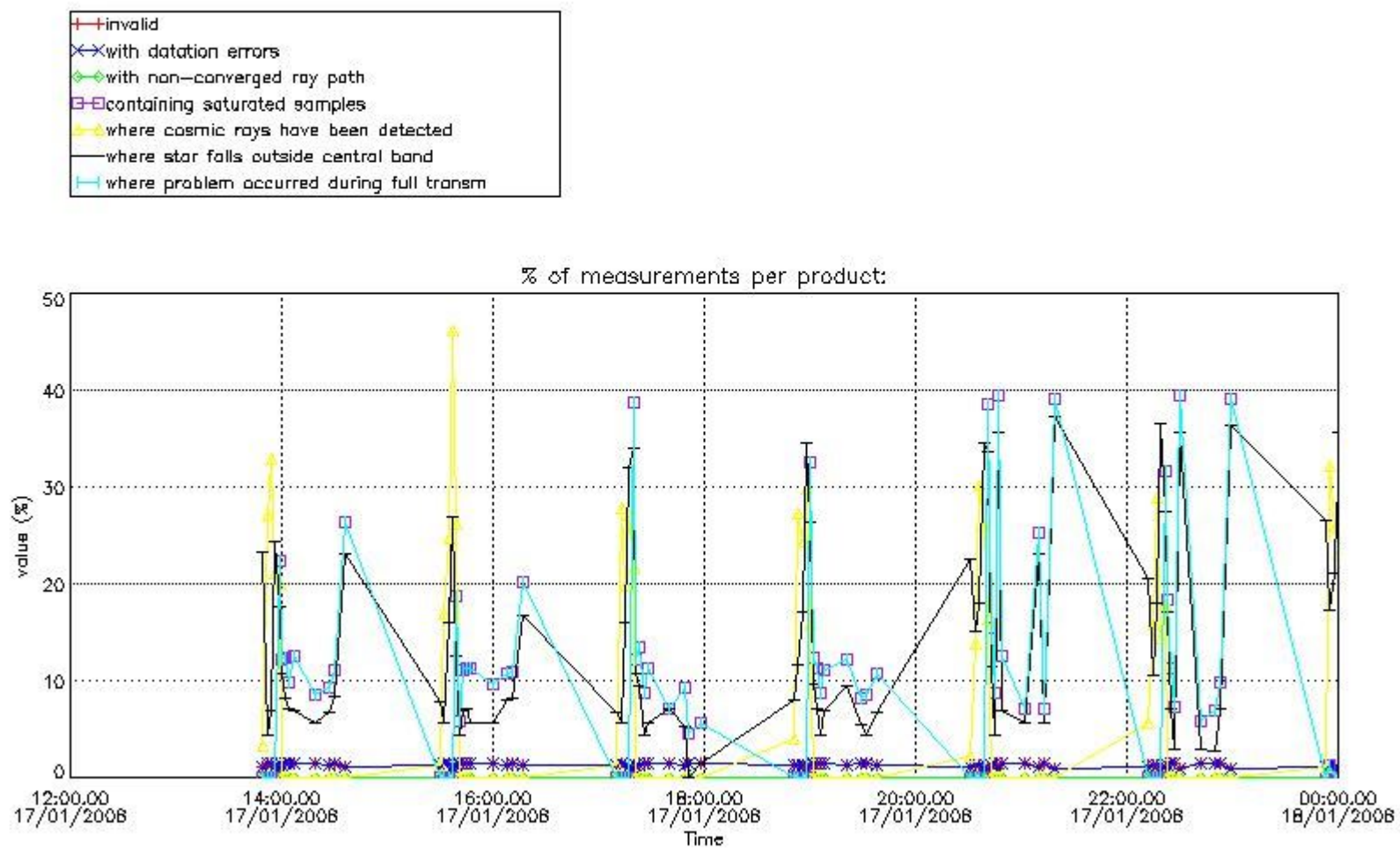
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



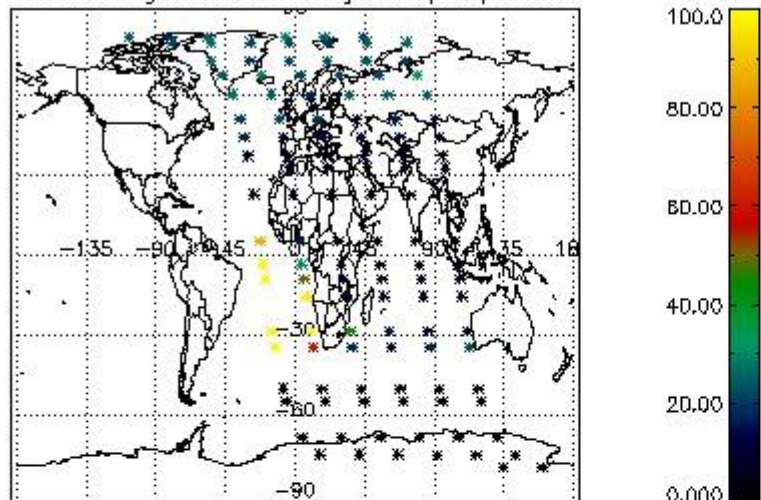
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



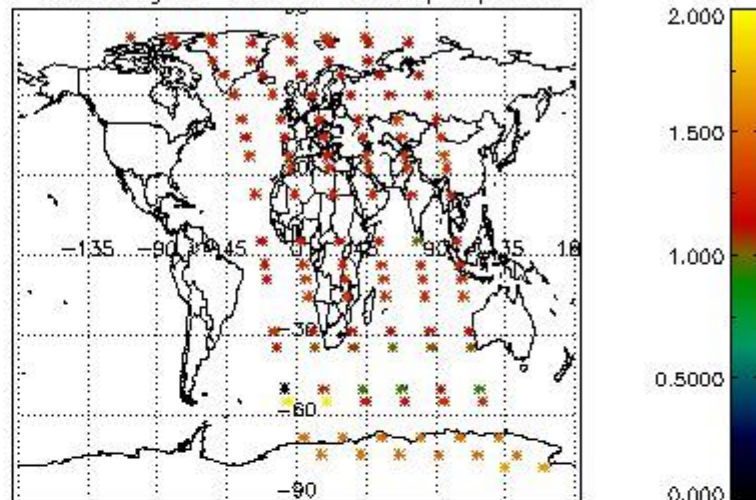
4.2 Plot quality information per product coming from level 1b processing (world map)

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

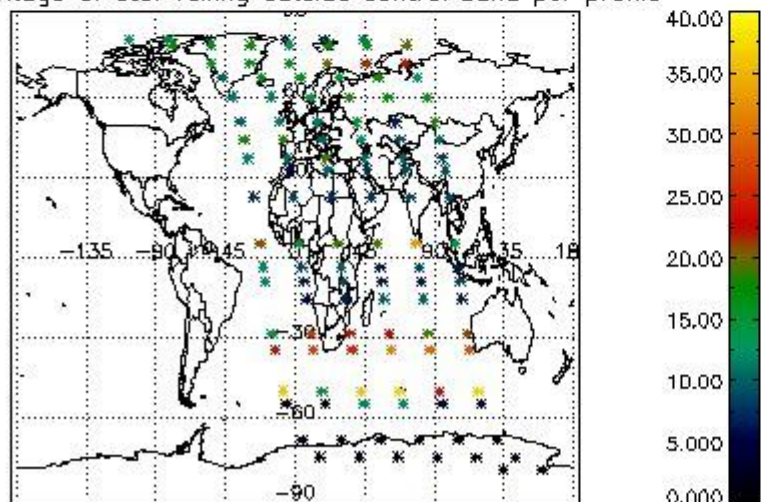
Percentage of cosmic ray hits per profile



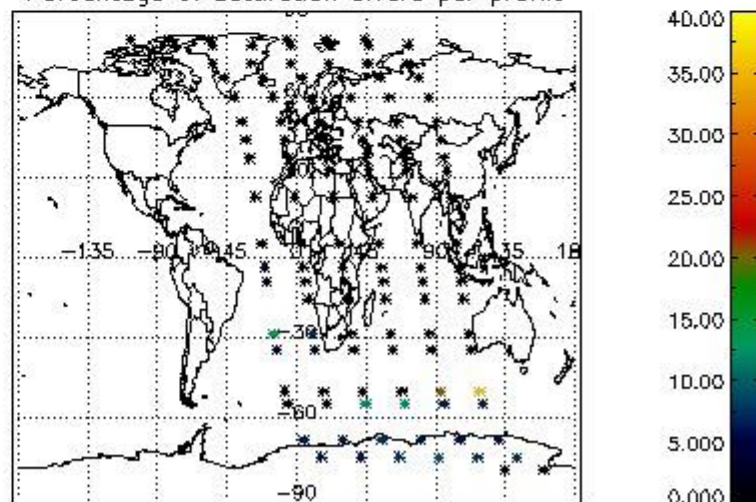
Percentage of datation errors per profile



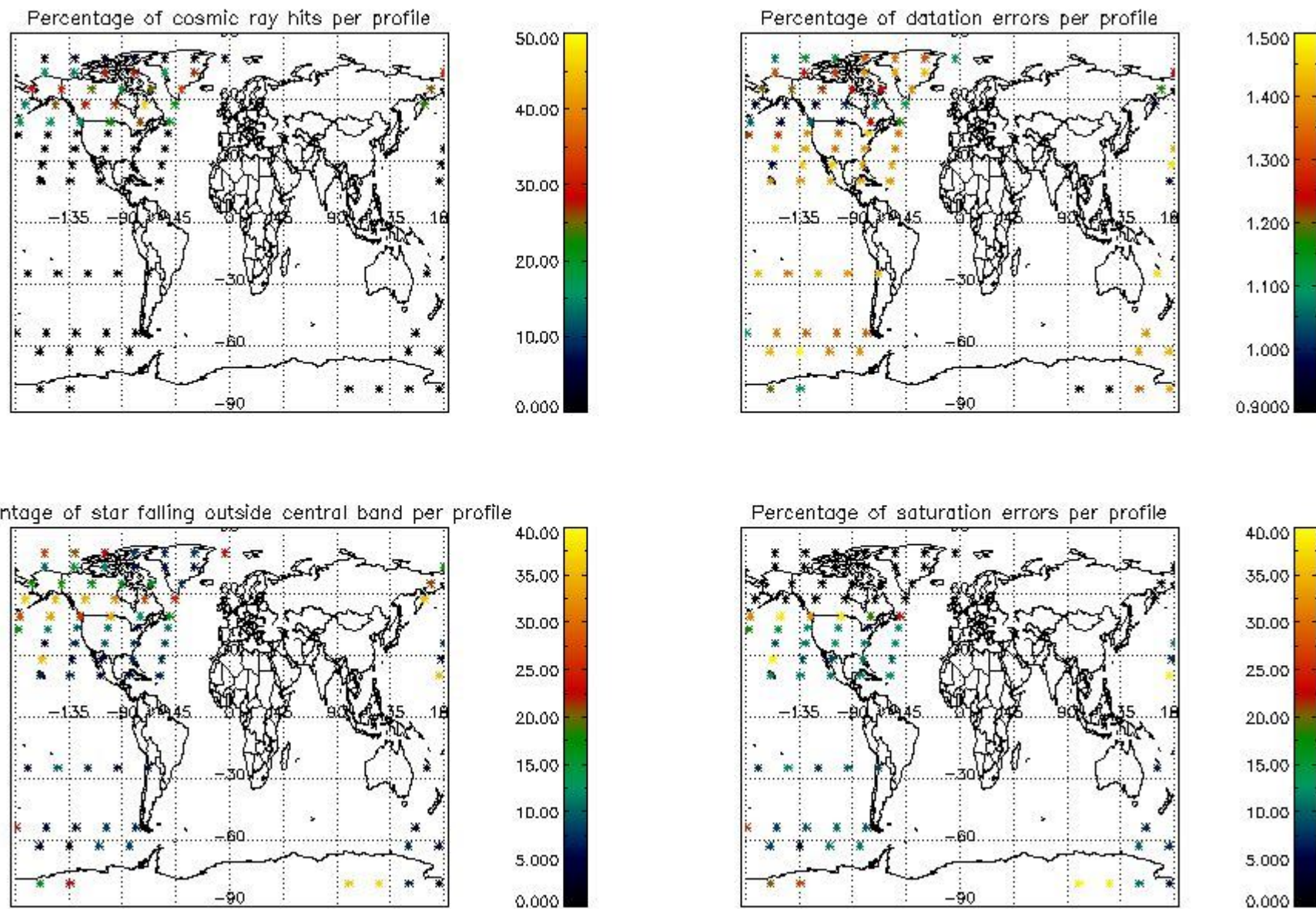
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

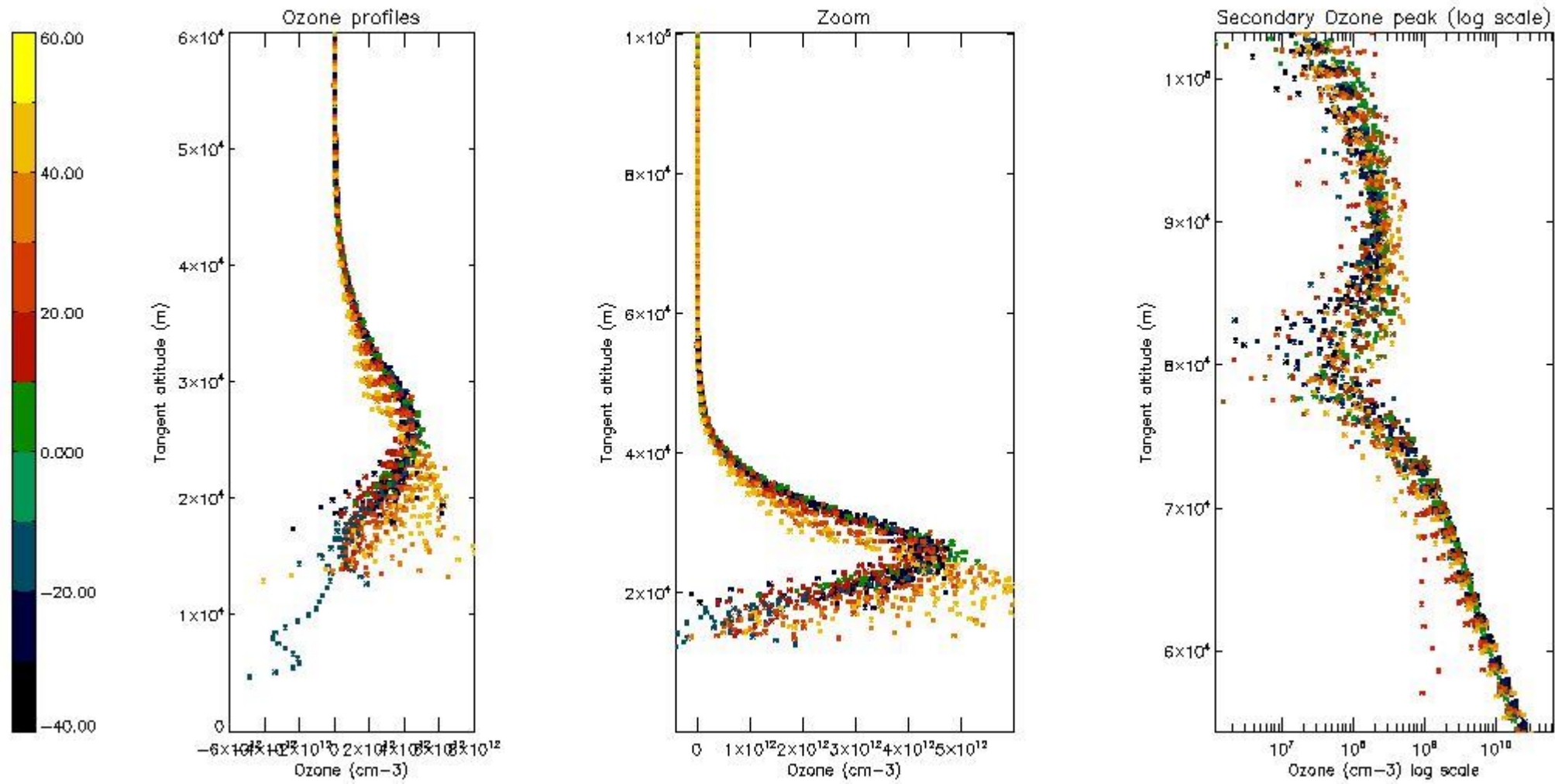
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 32 |
| STD < 20 | 20 |

| | |
|----------|----|
| STD < 10 | 17 |
| STD < 5 | 12 |

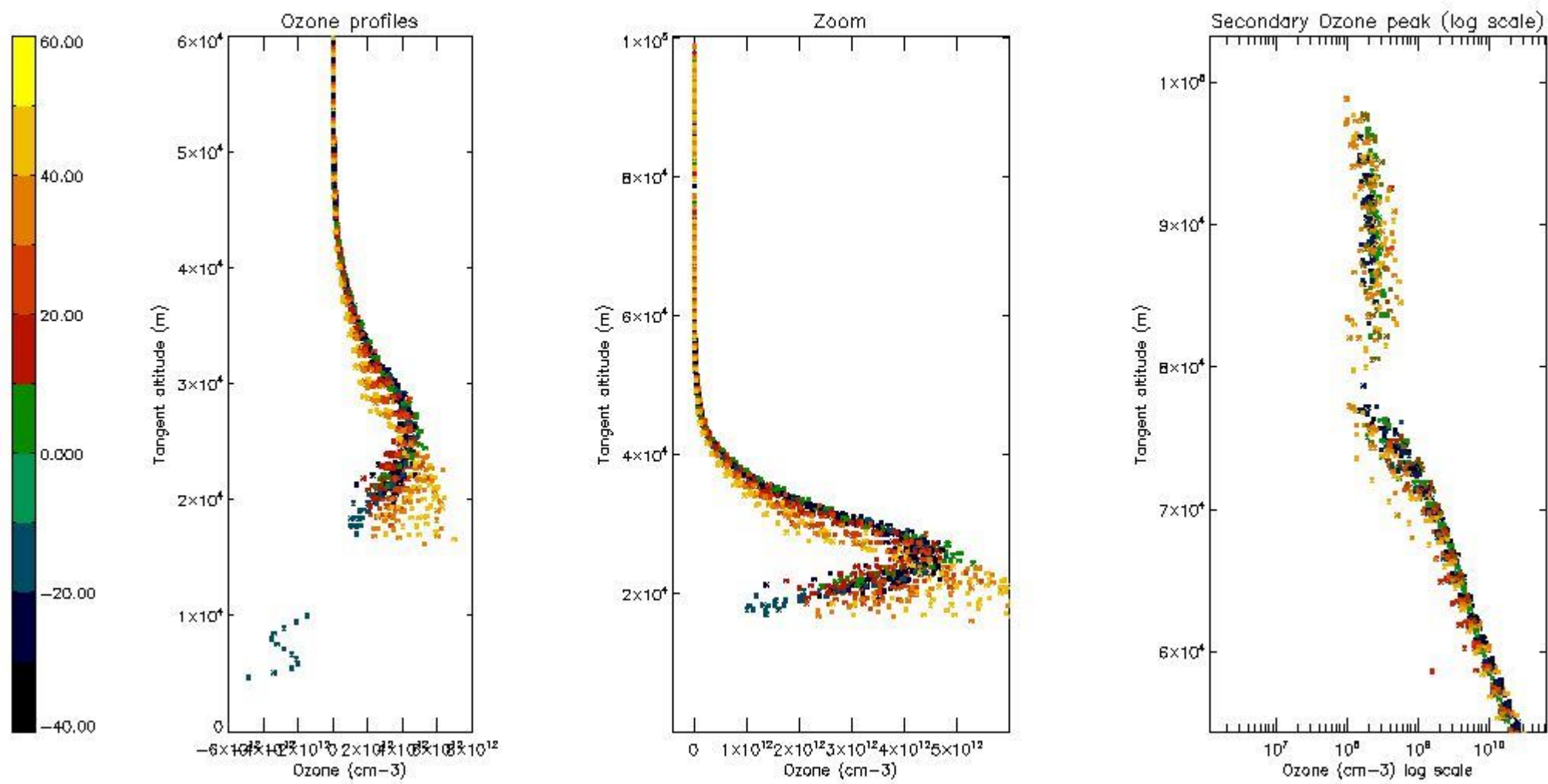
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



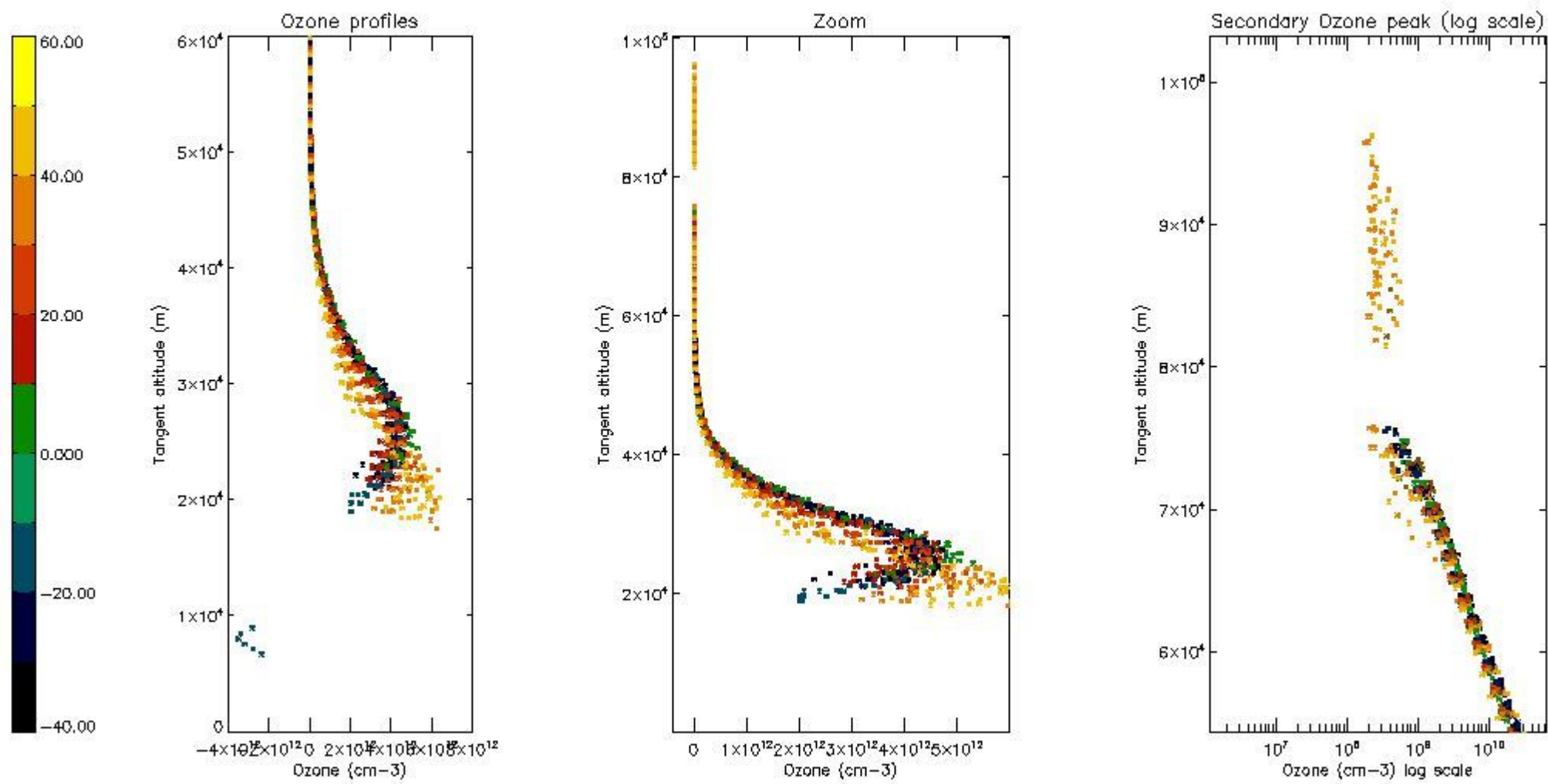
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



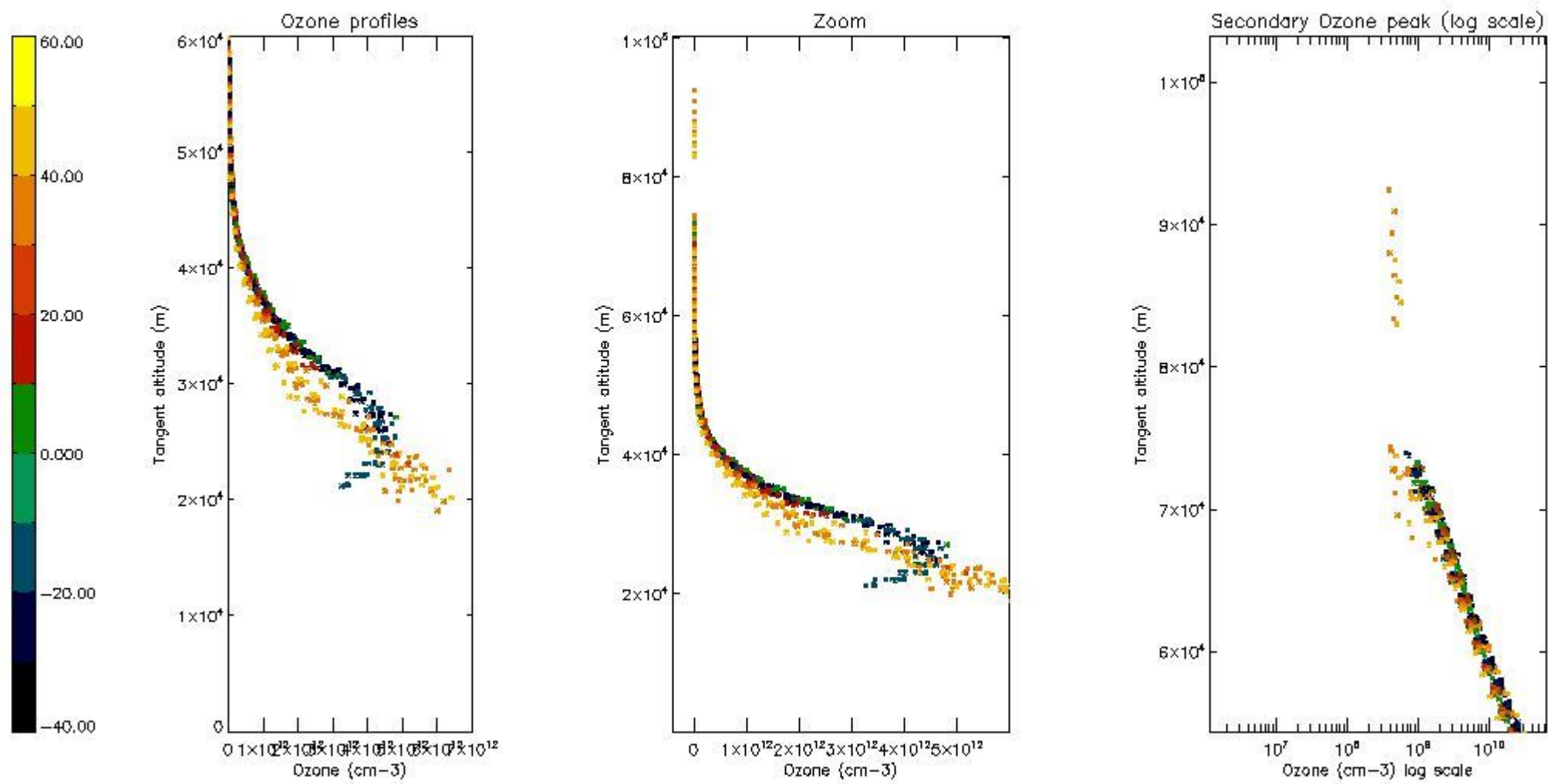
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



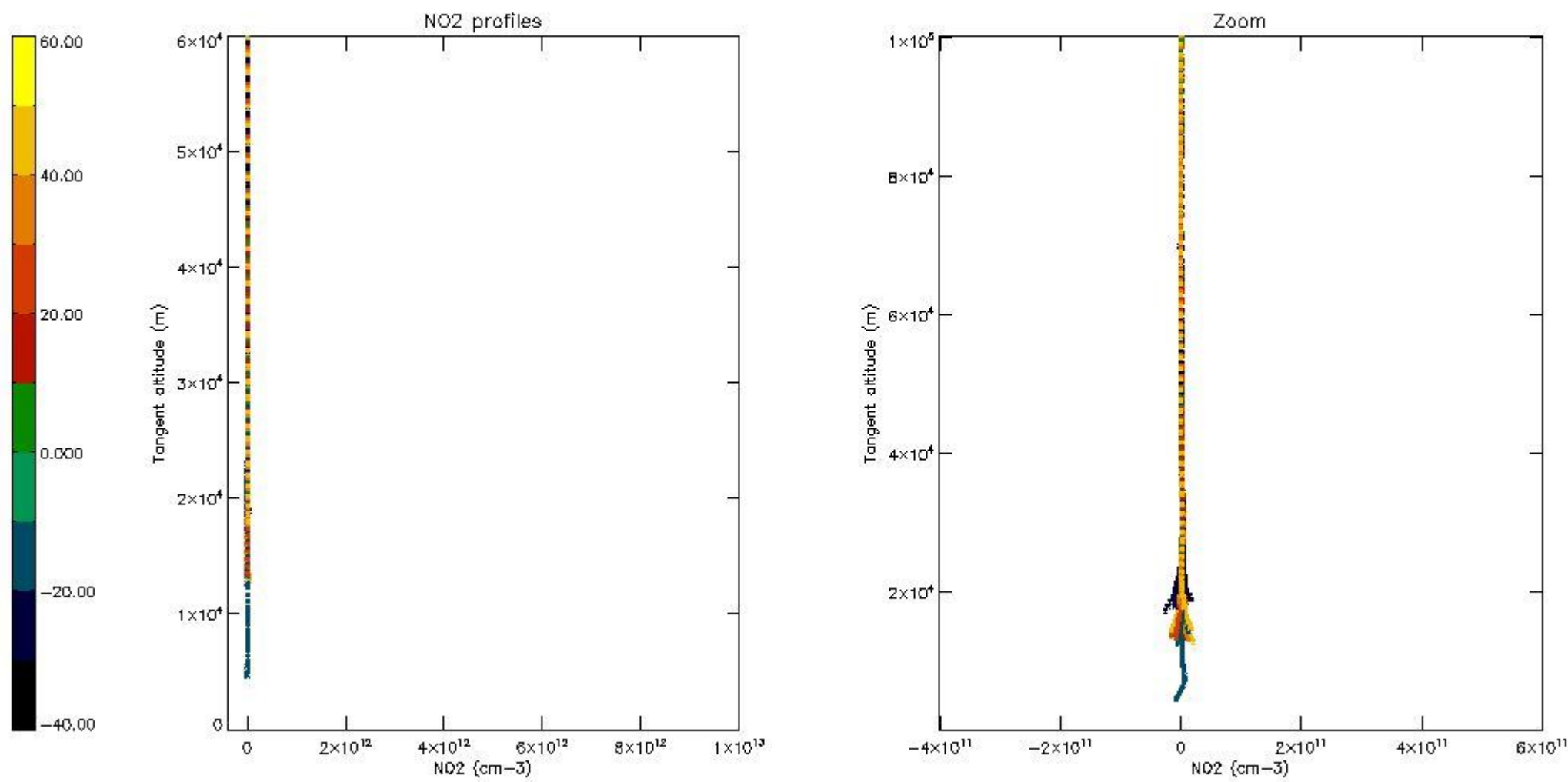
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



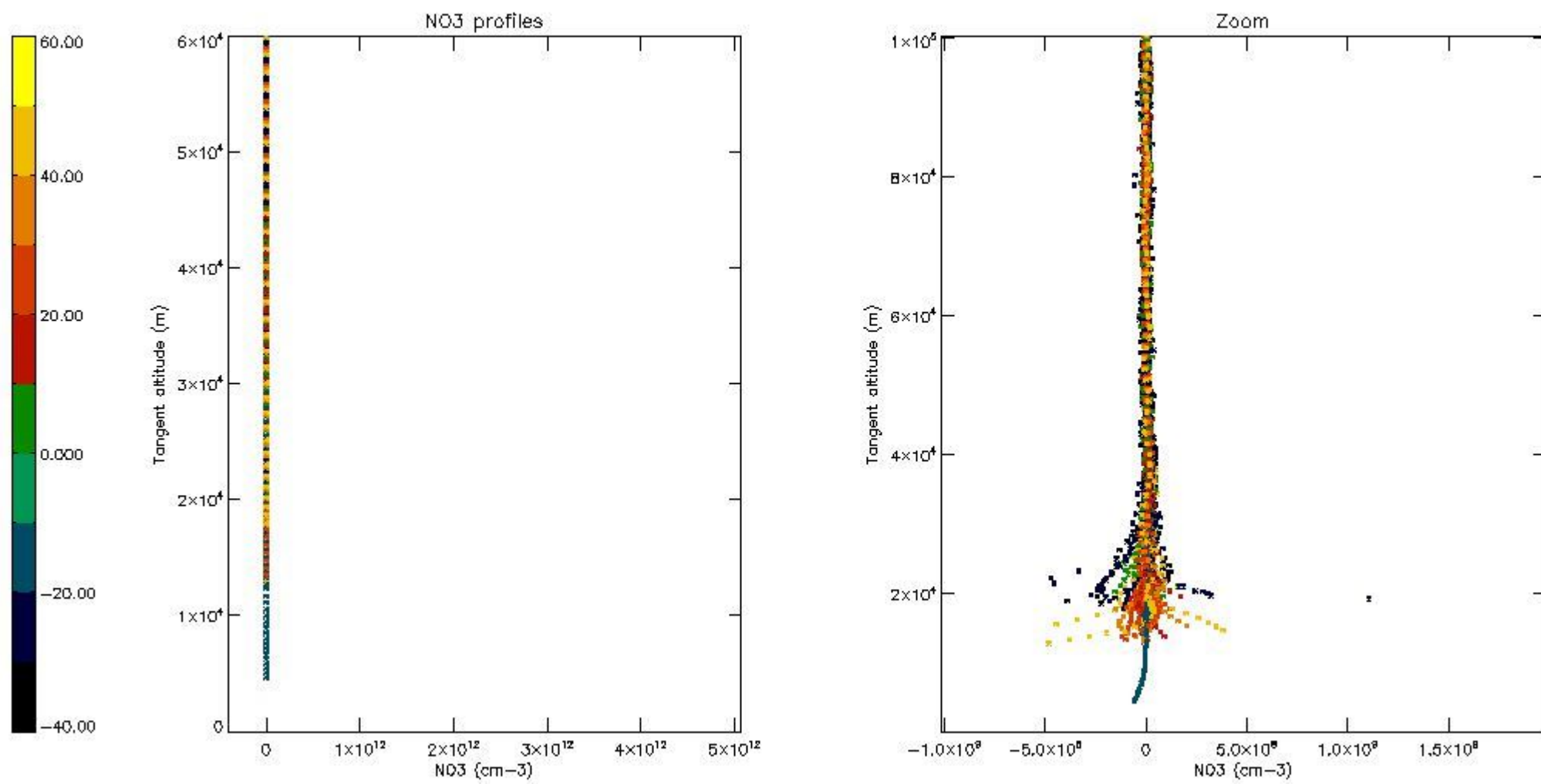
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



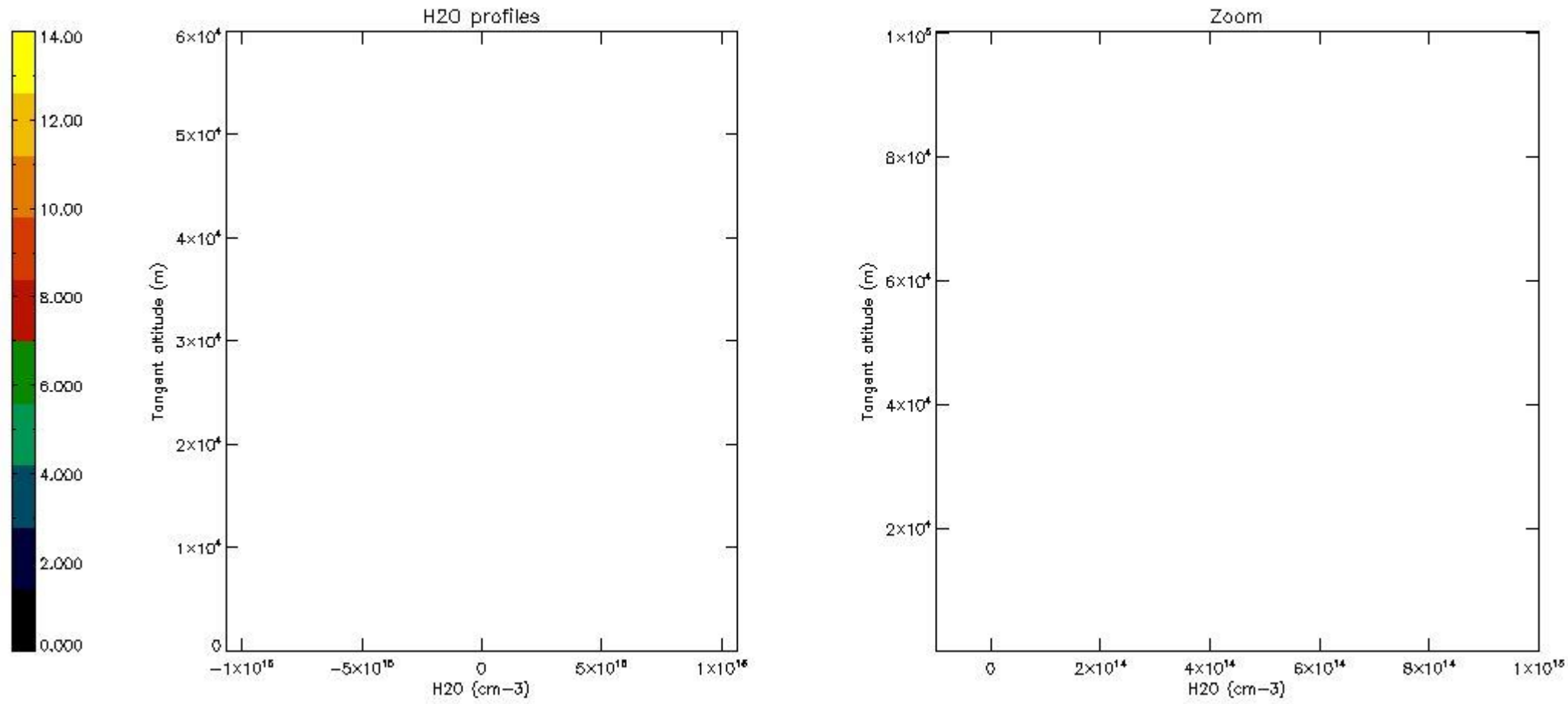
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

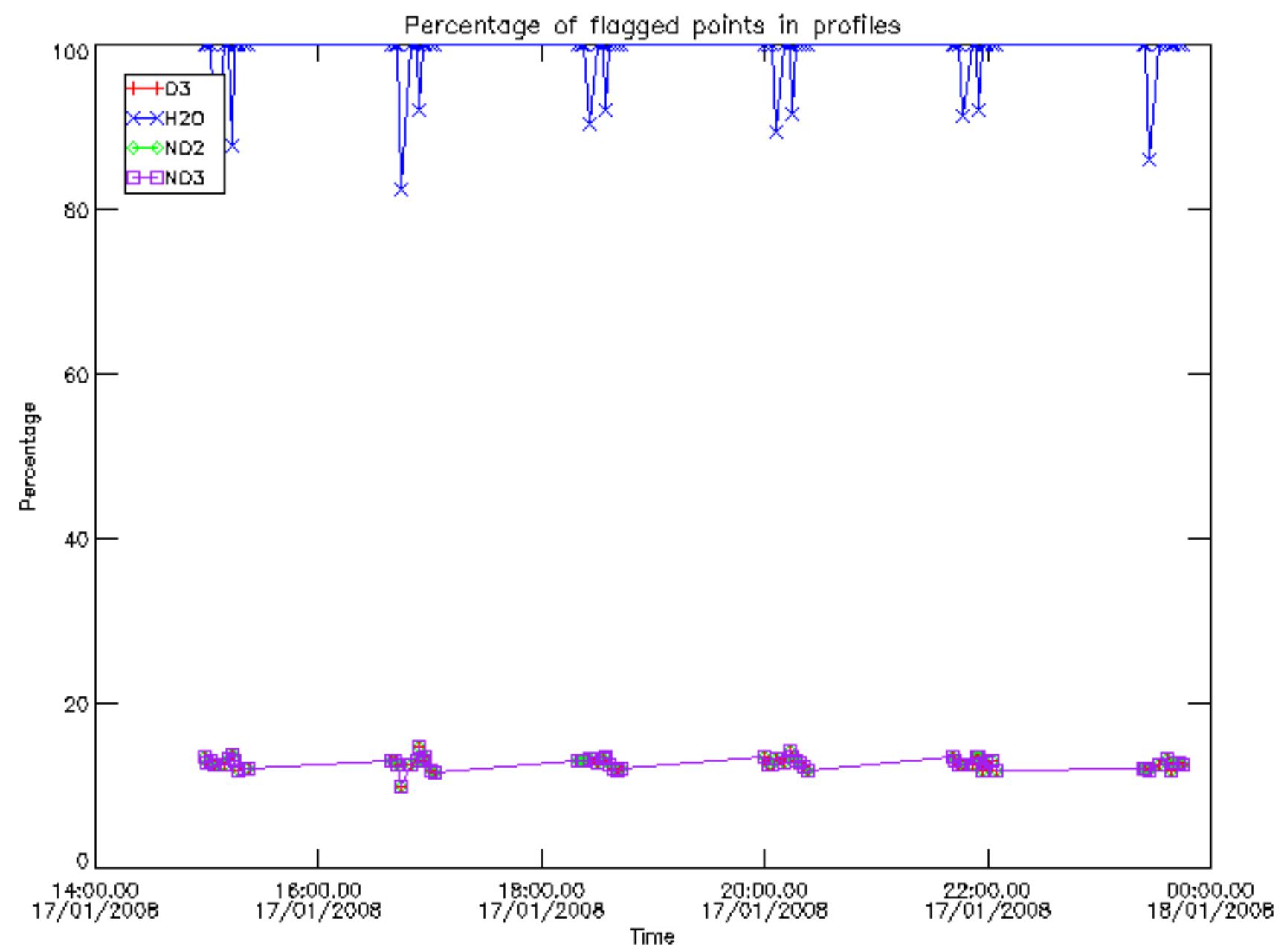
The colorbar represents the latitude.



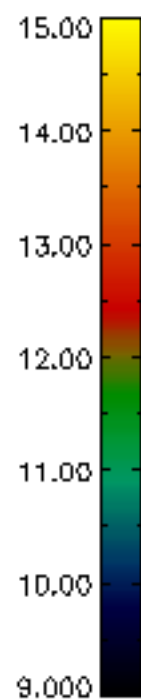
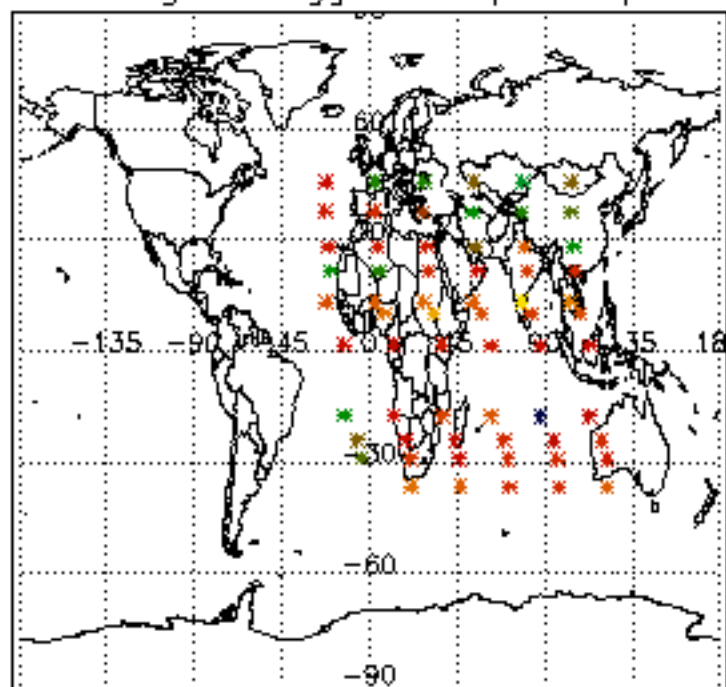
6. Auxiliary Data Files used for the production reported in section 2

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

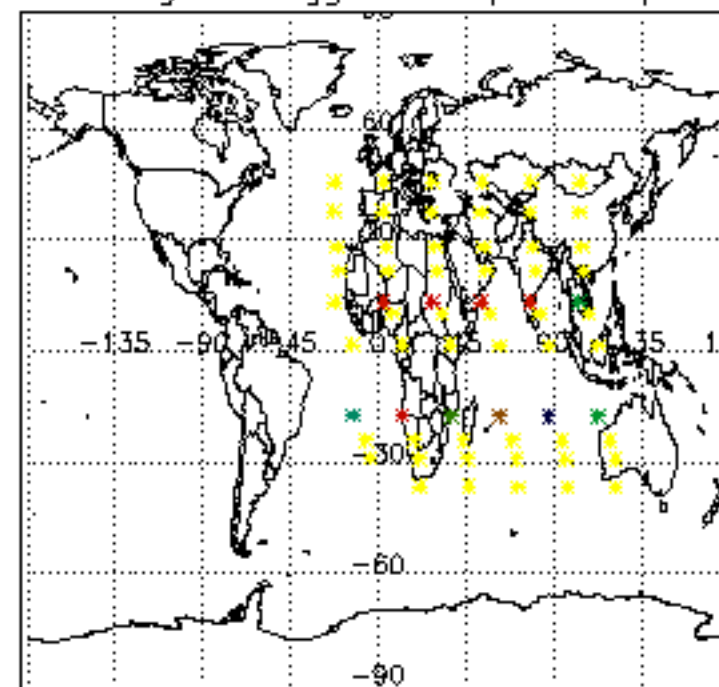
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 17-JAN-2008 13:45:23 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 17-JAN-2008 13:45:23 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 17-JAN-2008 13:45:23 |



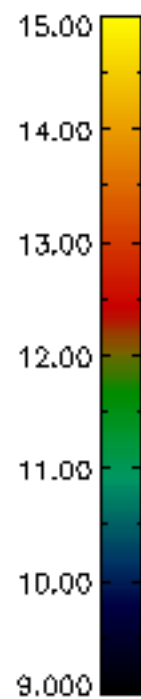
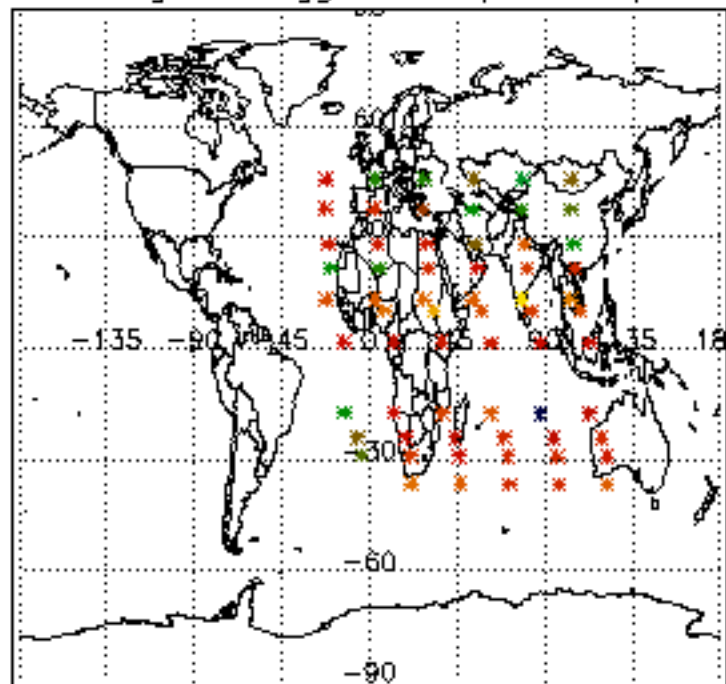
Percentage of flagged data per D3 profile



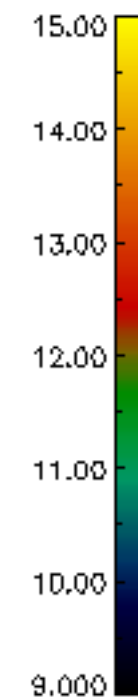
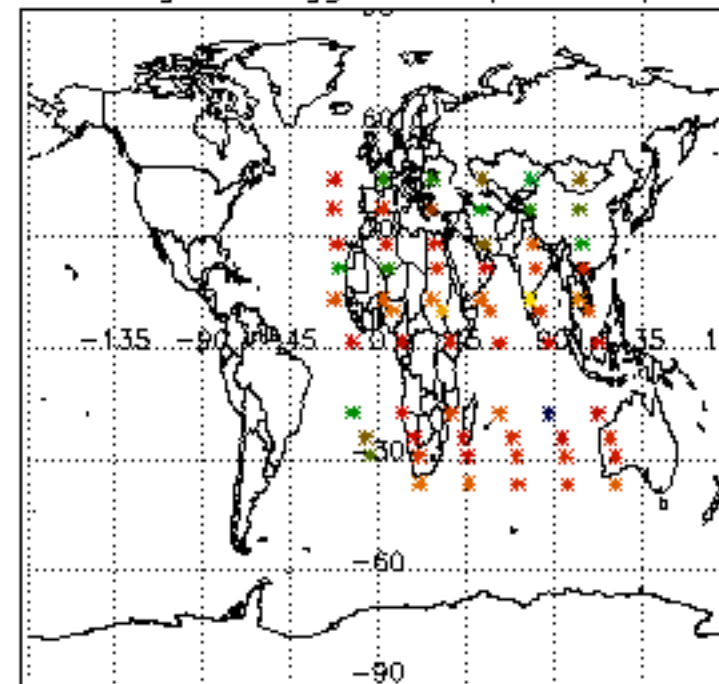
Percentage of flagged data per H2O profile

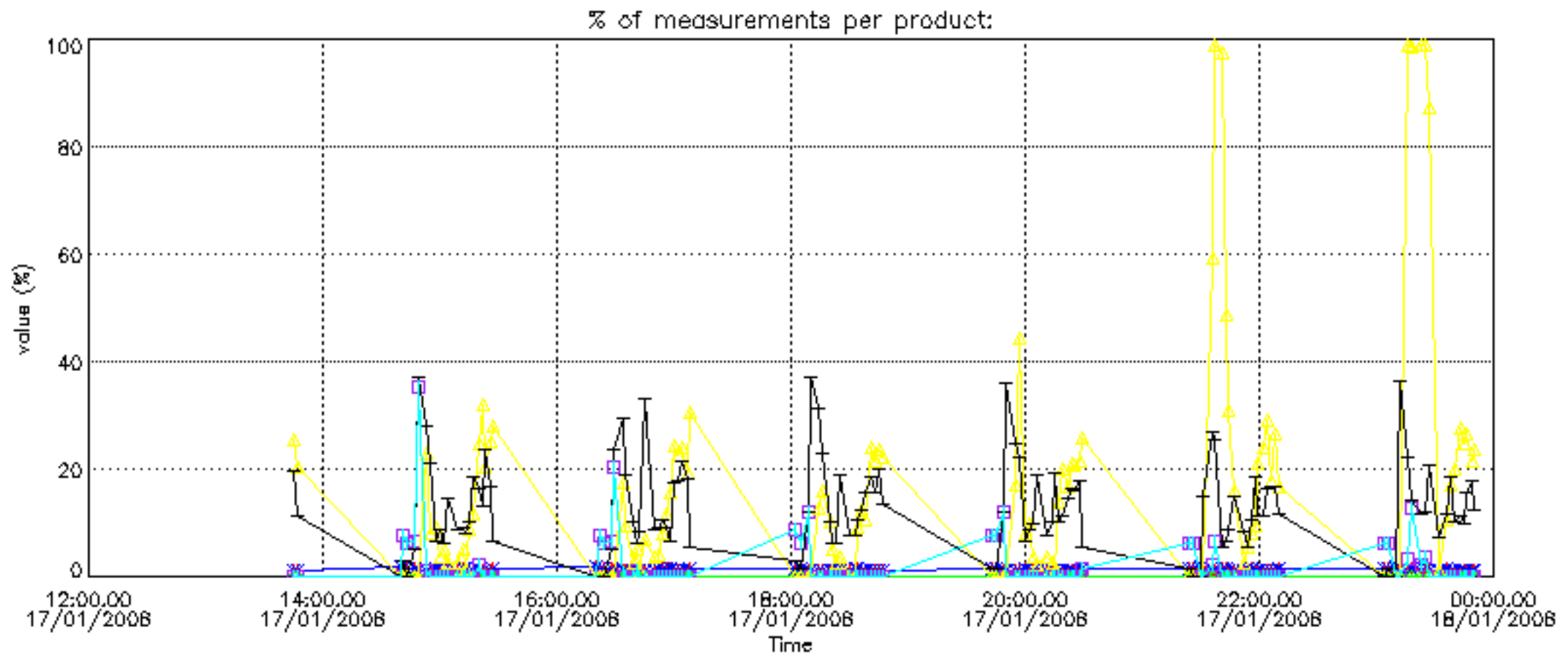


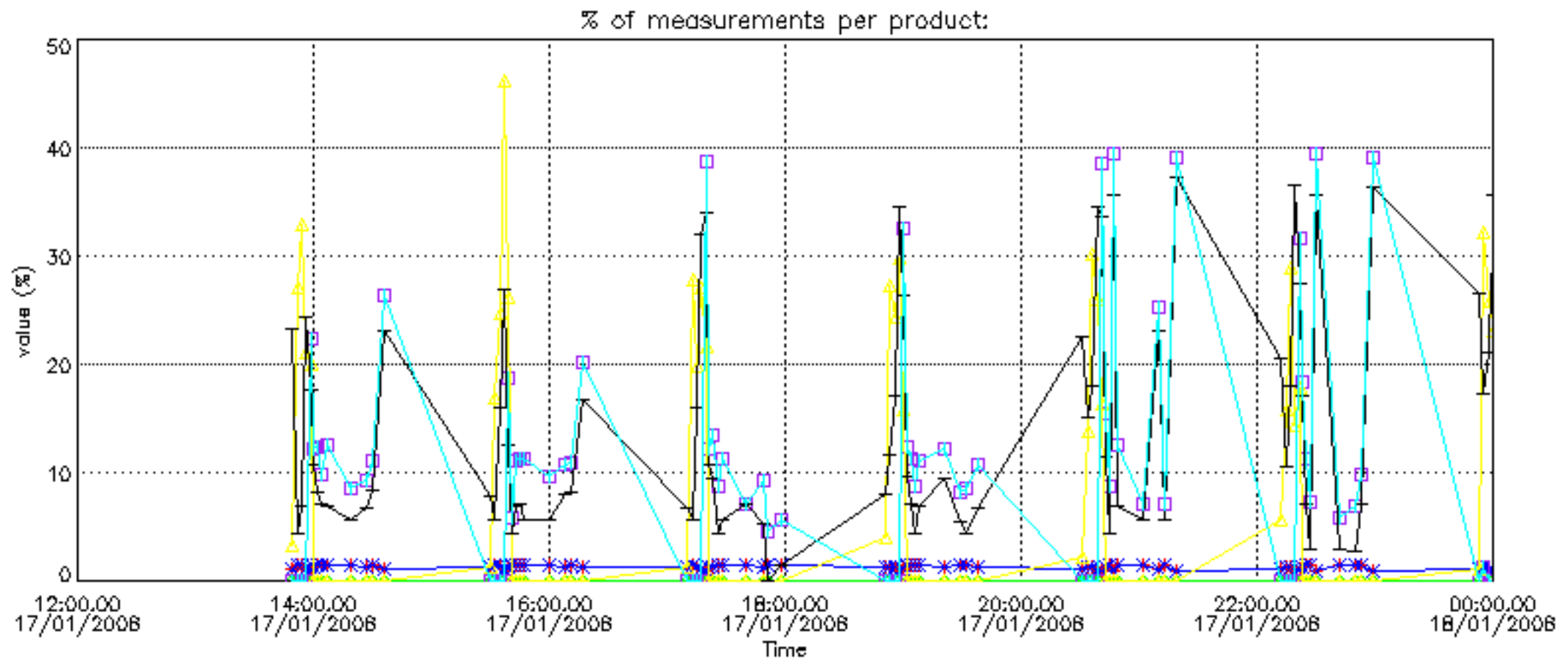
Percentage of flagged data per NO2 profile



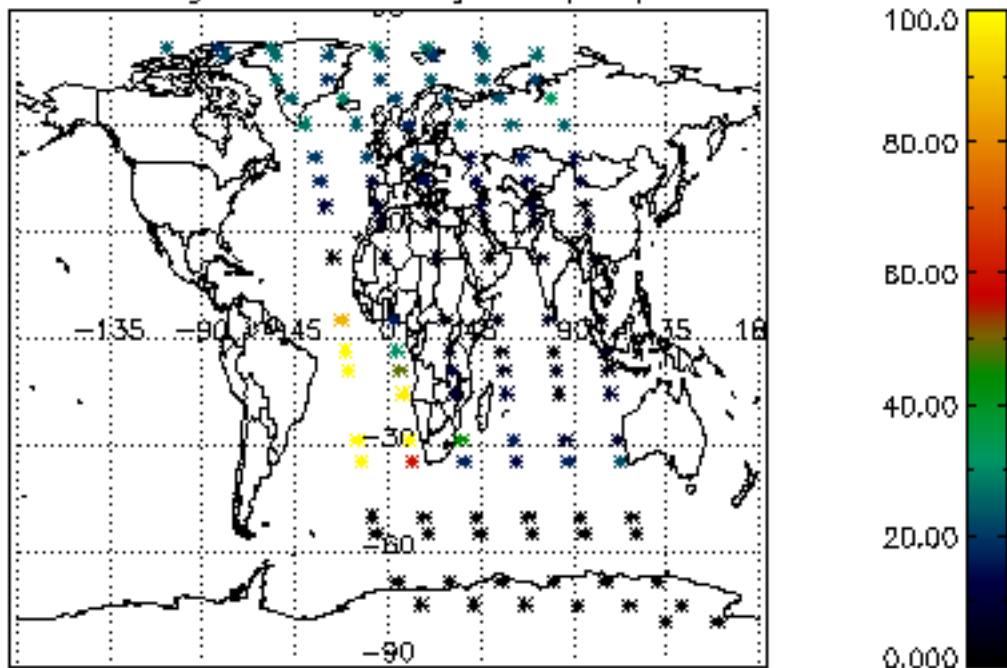
Percentage of flagged data per NO3 profile



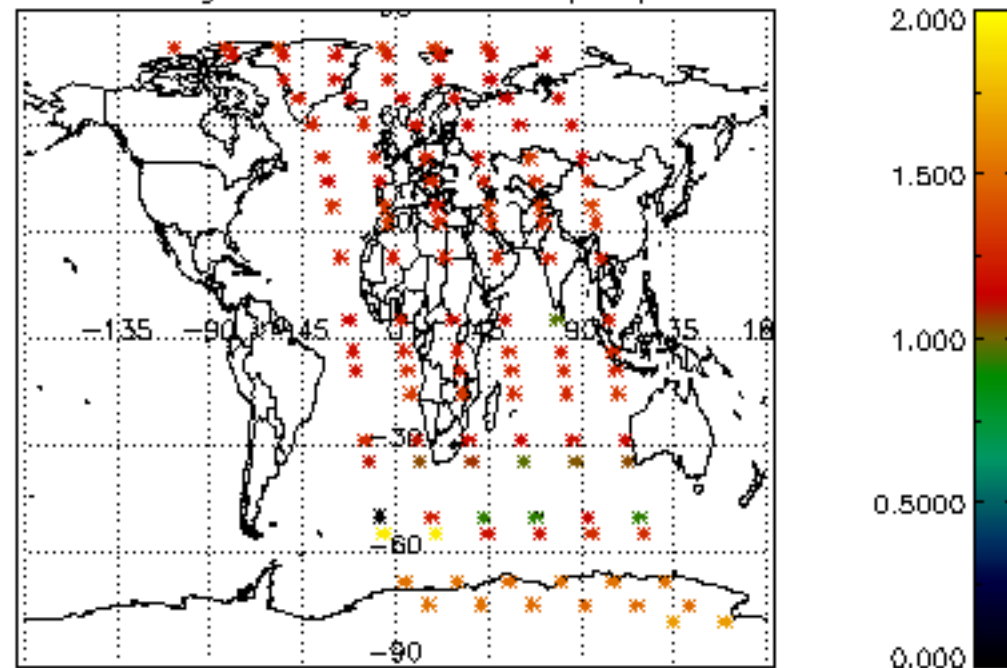




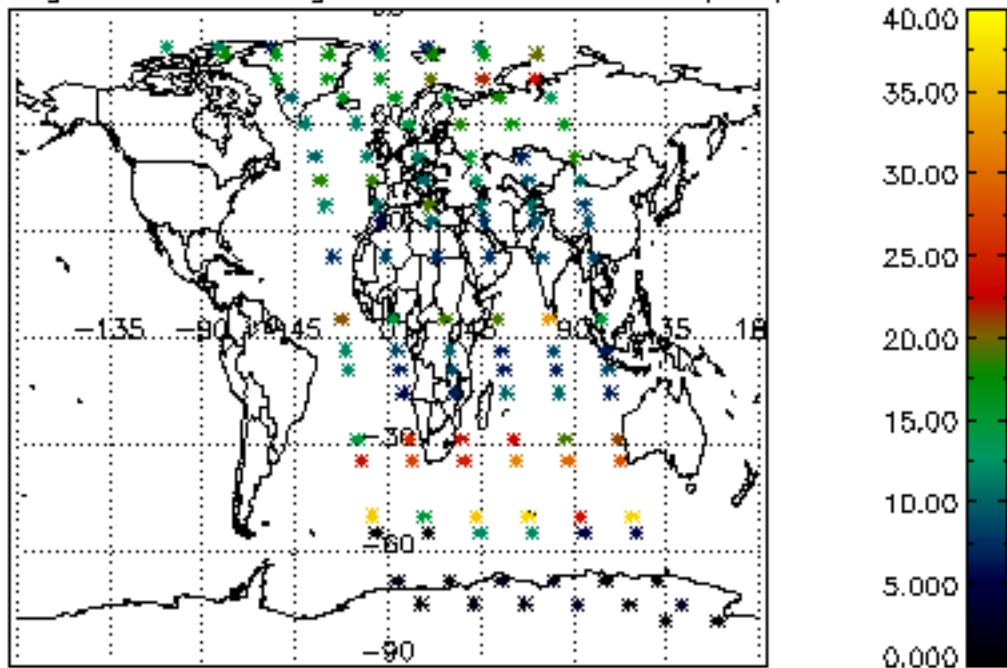
Percentage of cosmic ray hits per profile



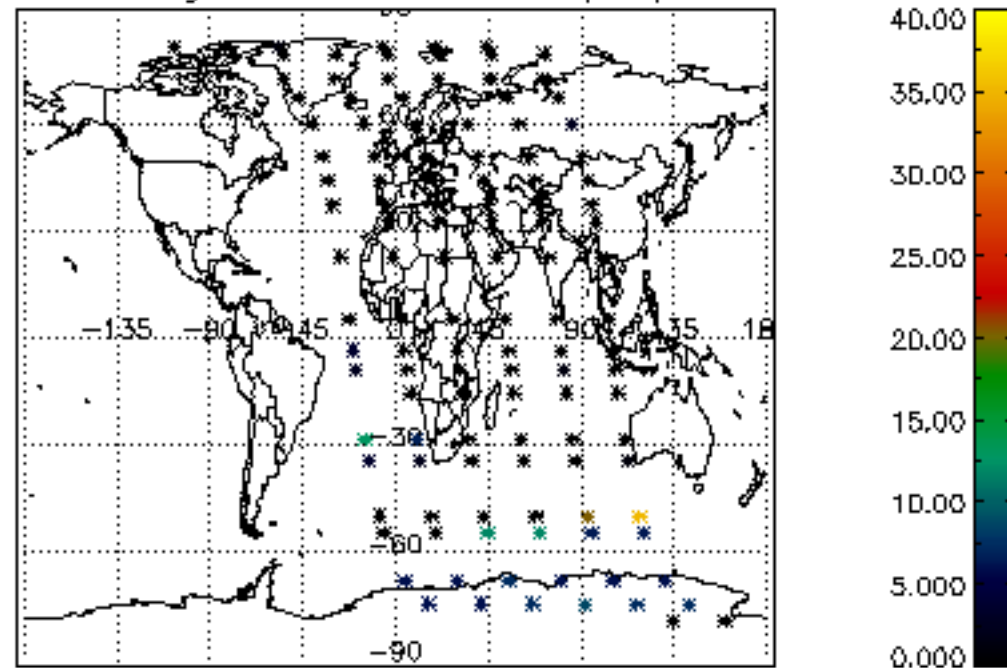
Percentage of datation errors per profile



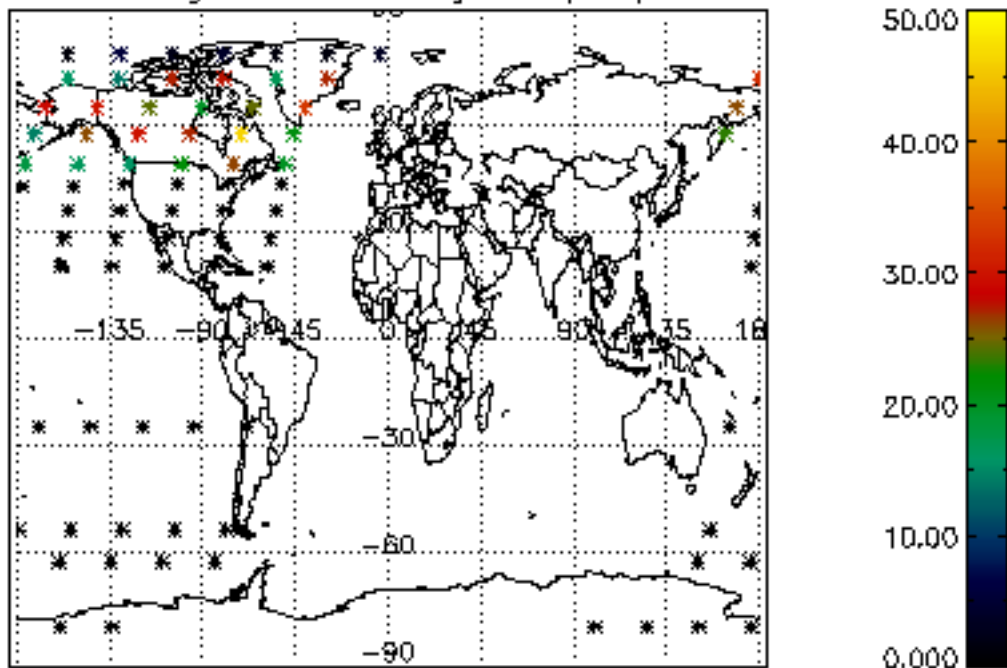
Percentage of star falling outside central band per profile



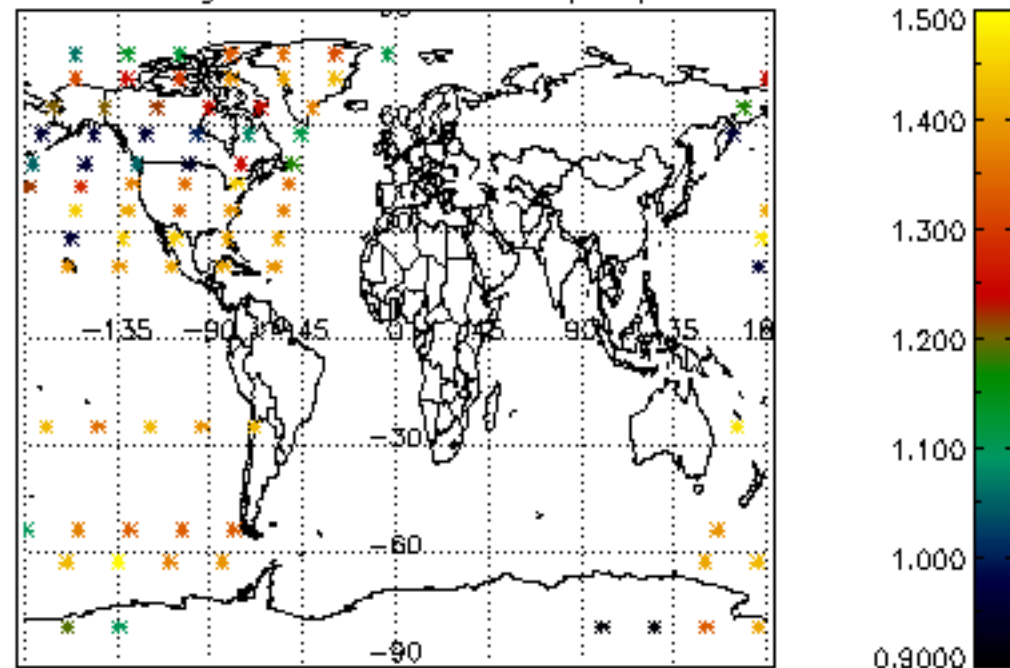
Percentage of saturation errors per profile



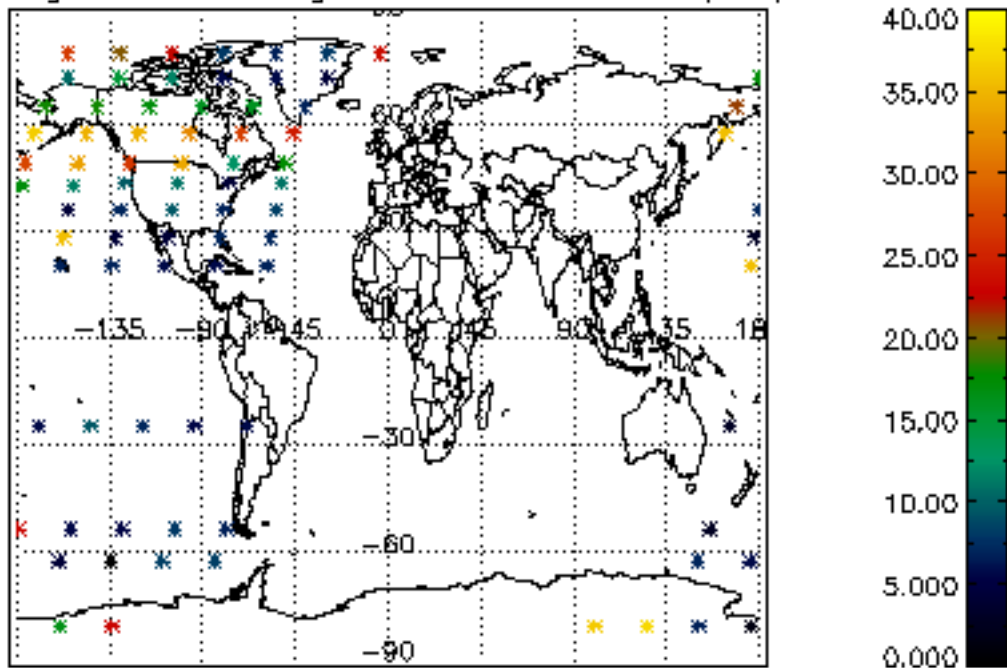
Percentage of cosmic ray hits per profile



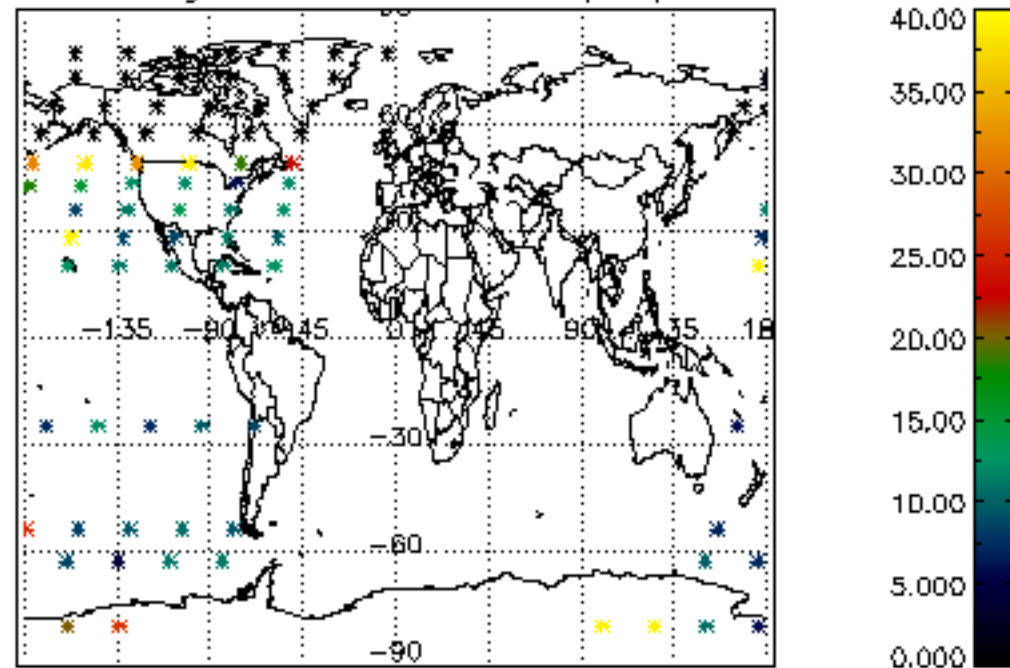
Percentage of datation errors per profile

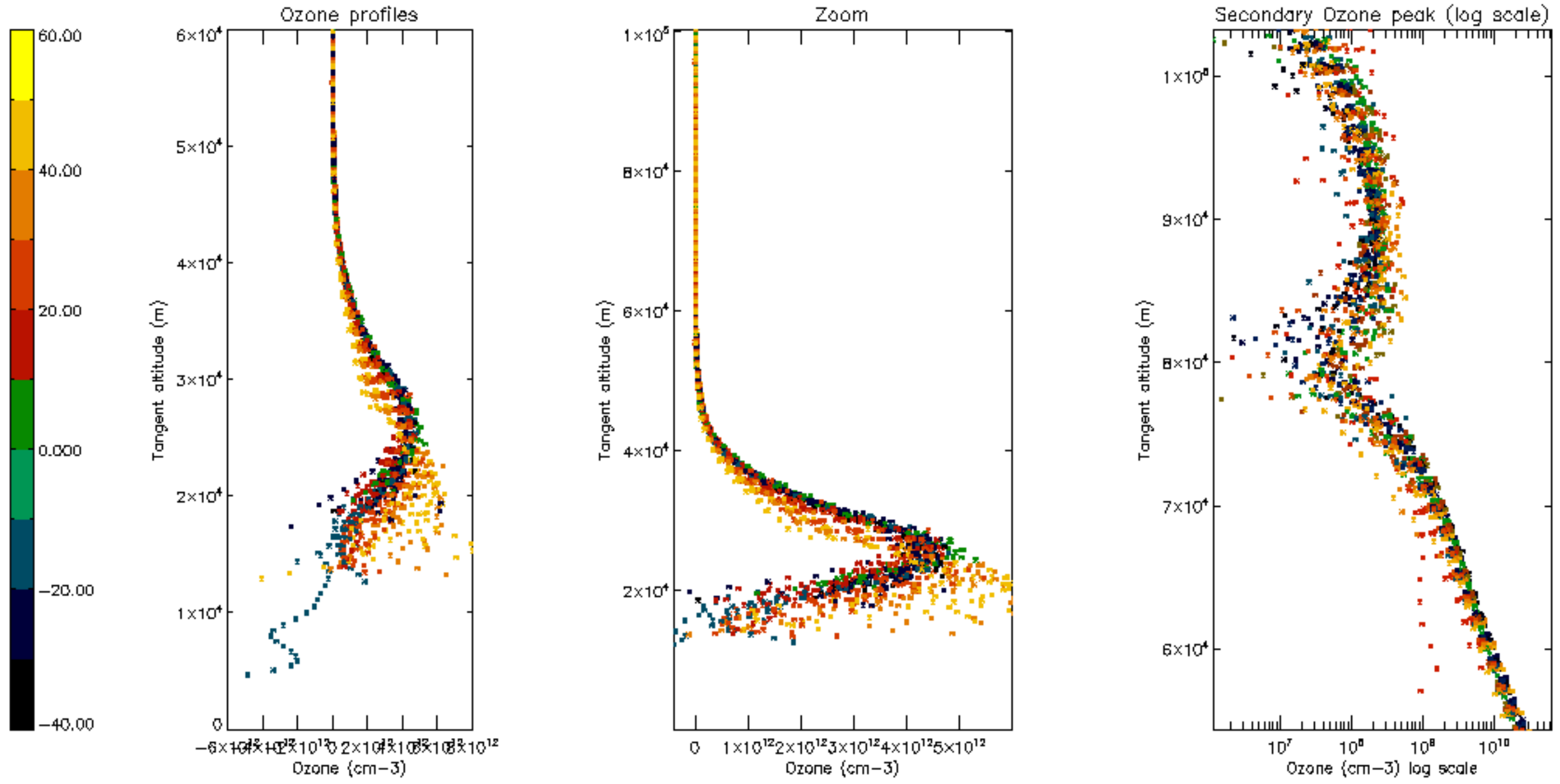


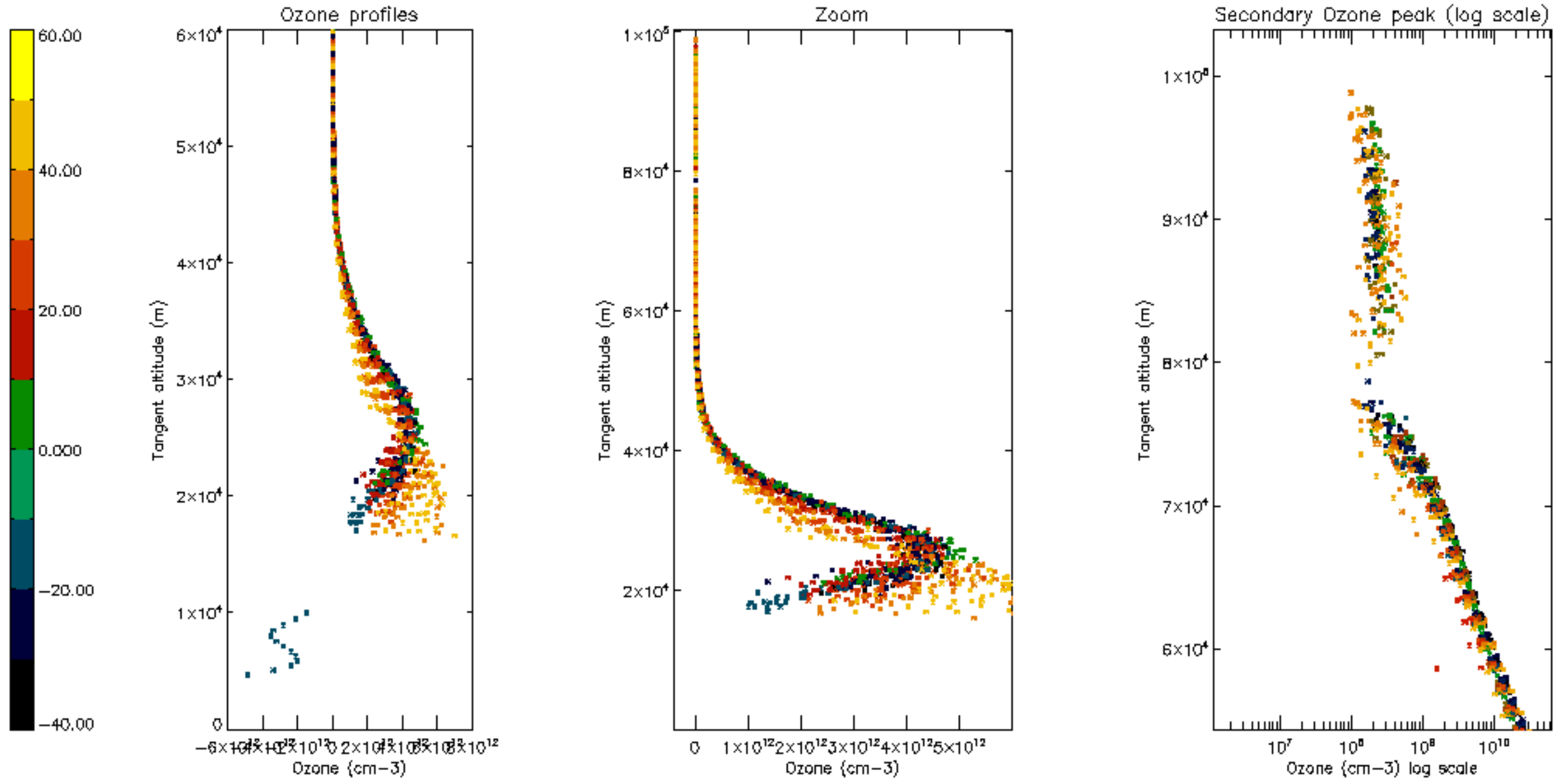
Percentage of star falling outside central band per profile

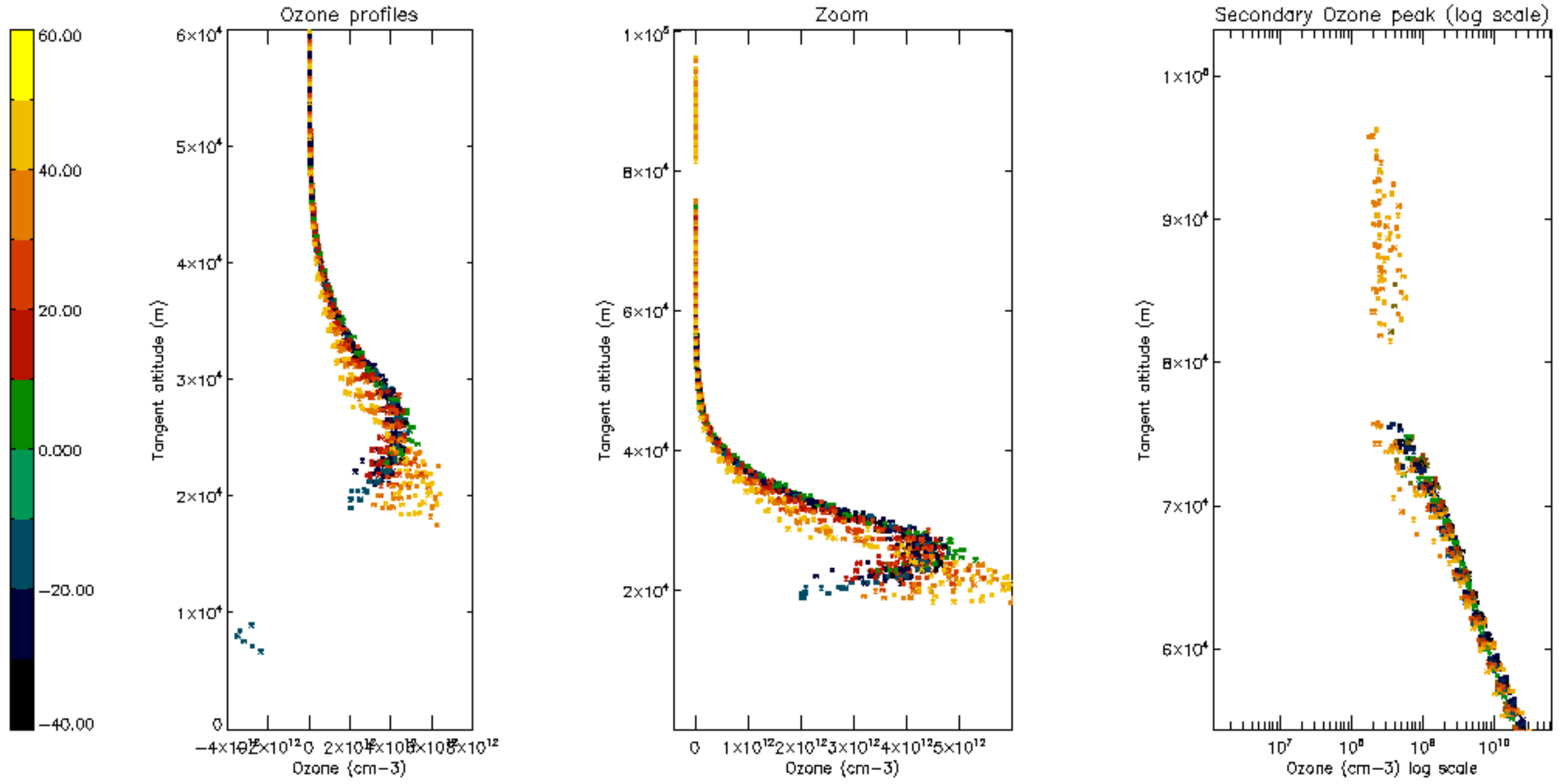


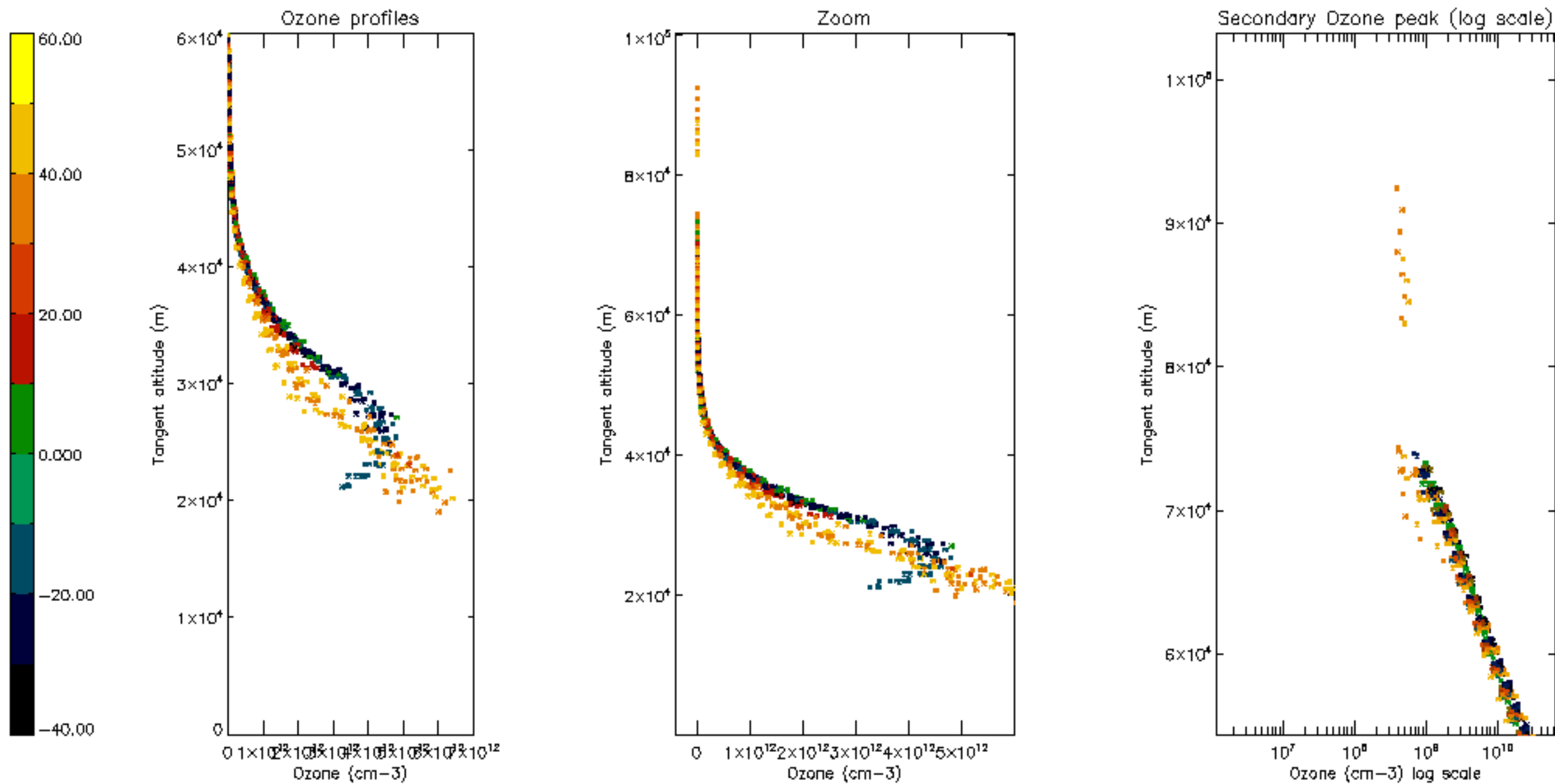
Percentage of saturation errors per profile

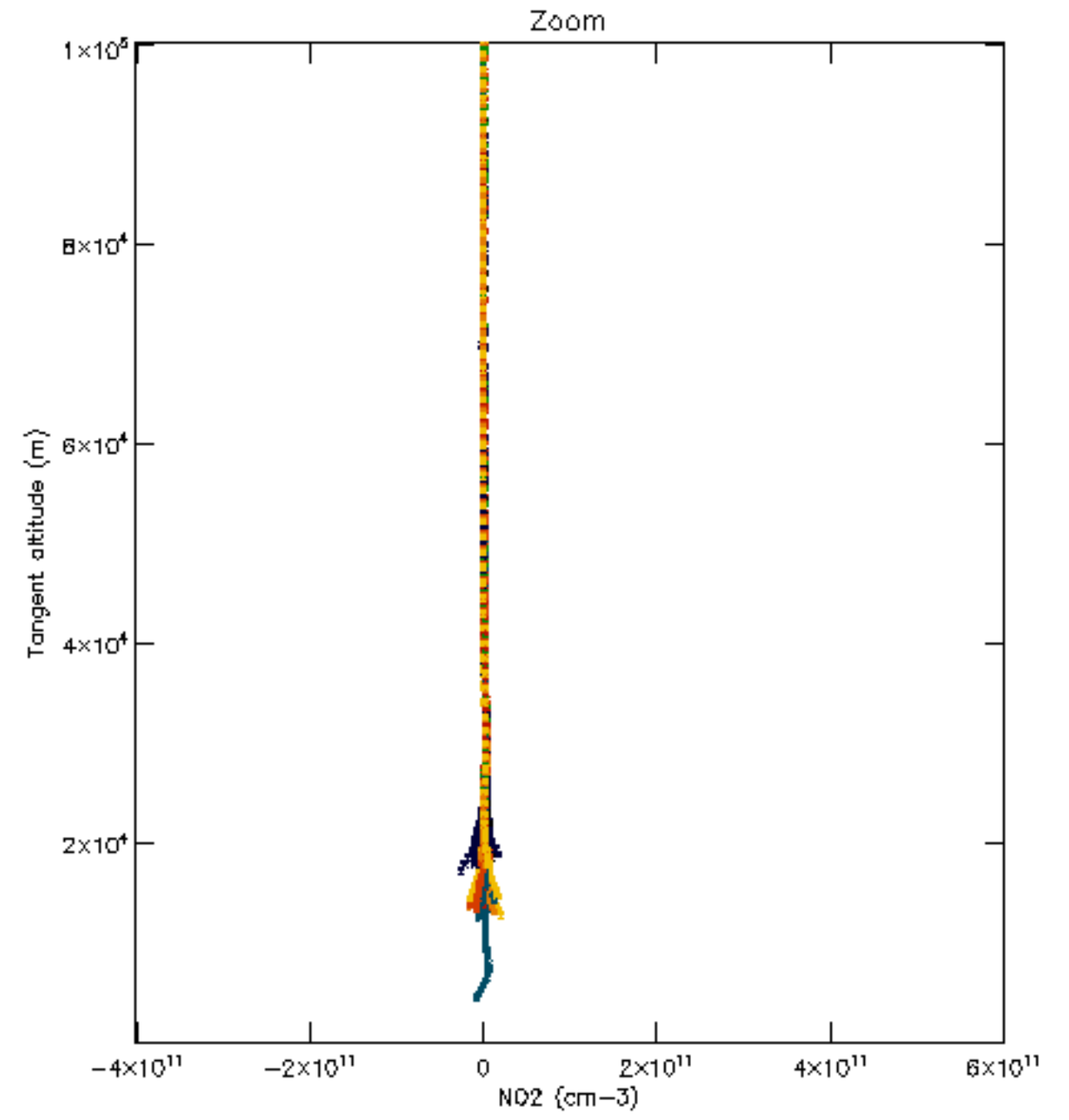
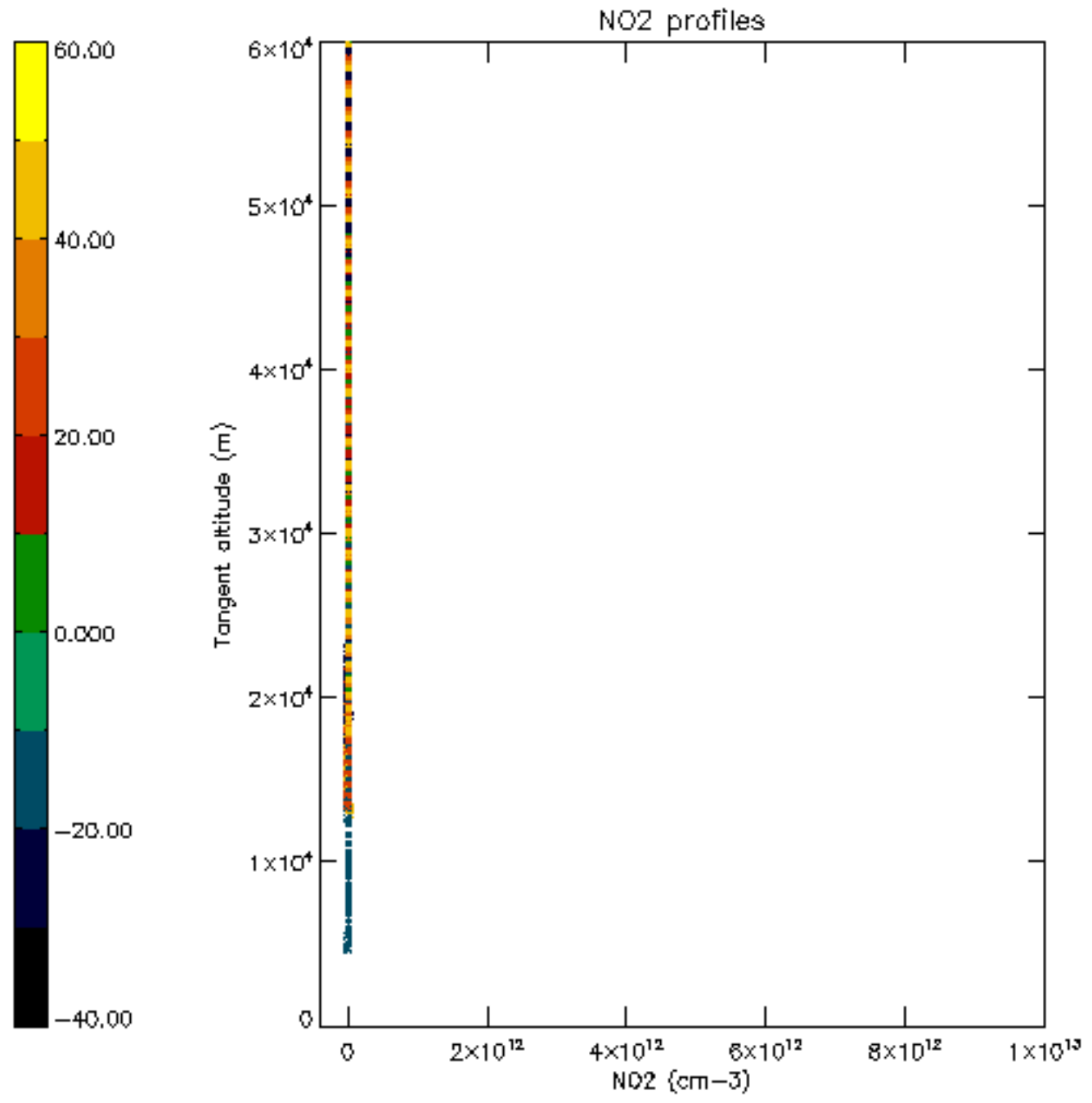


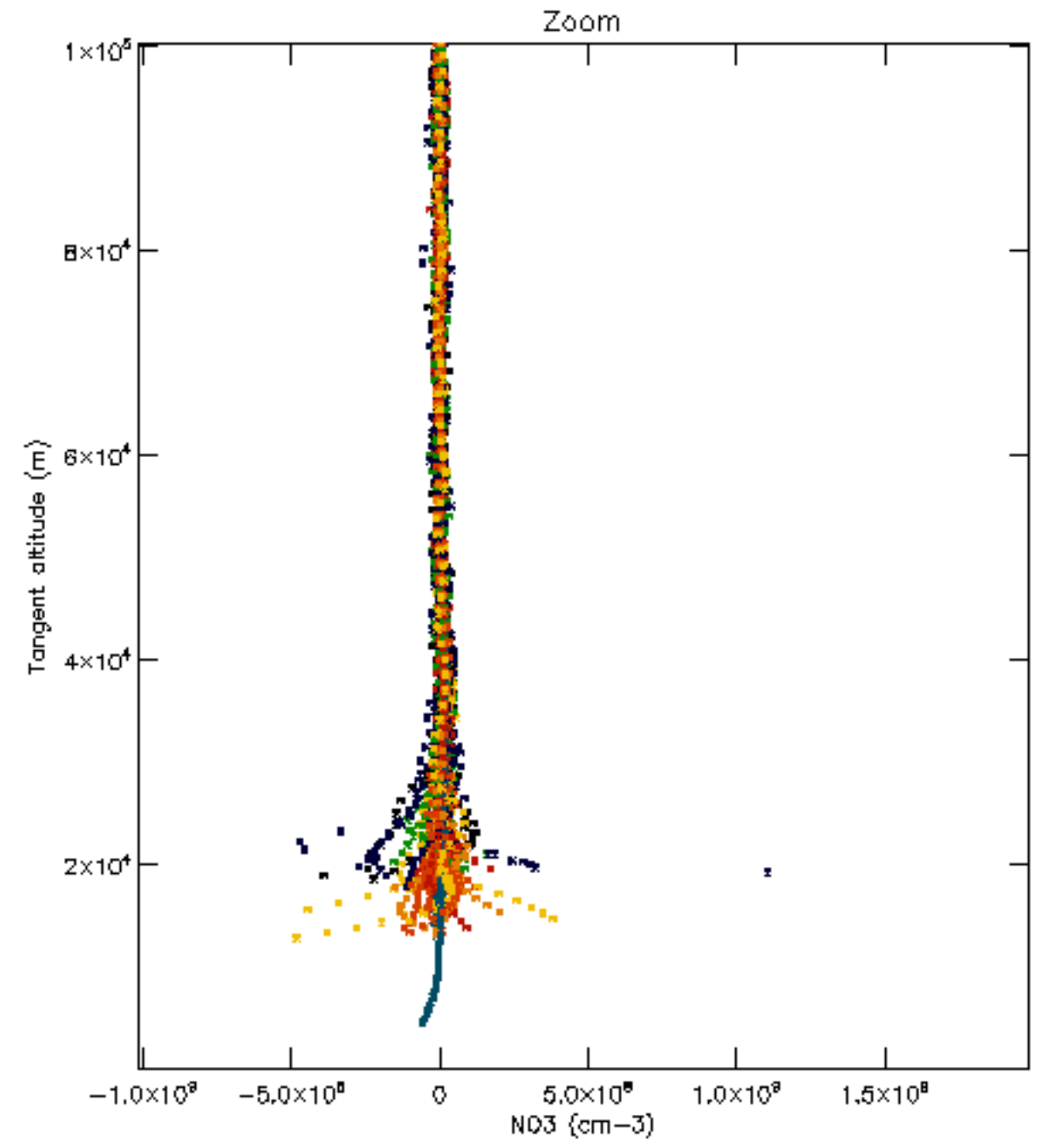
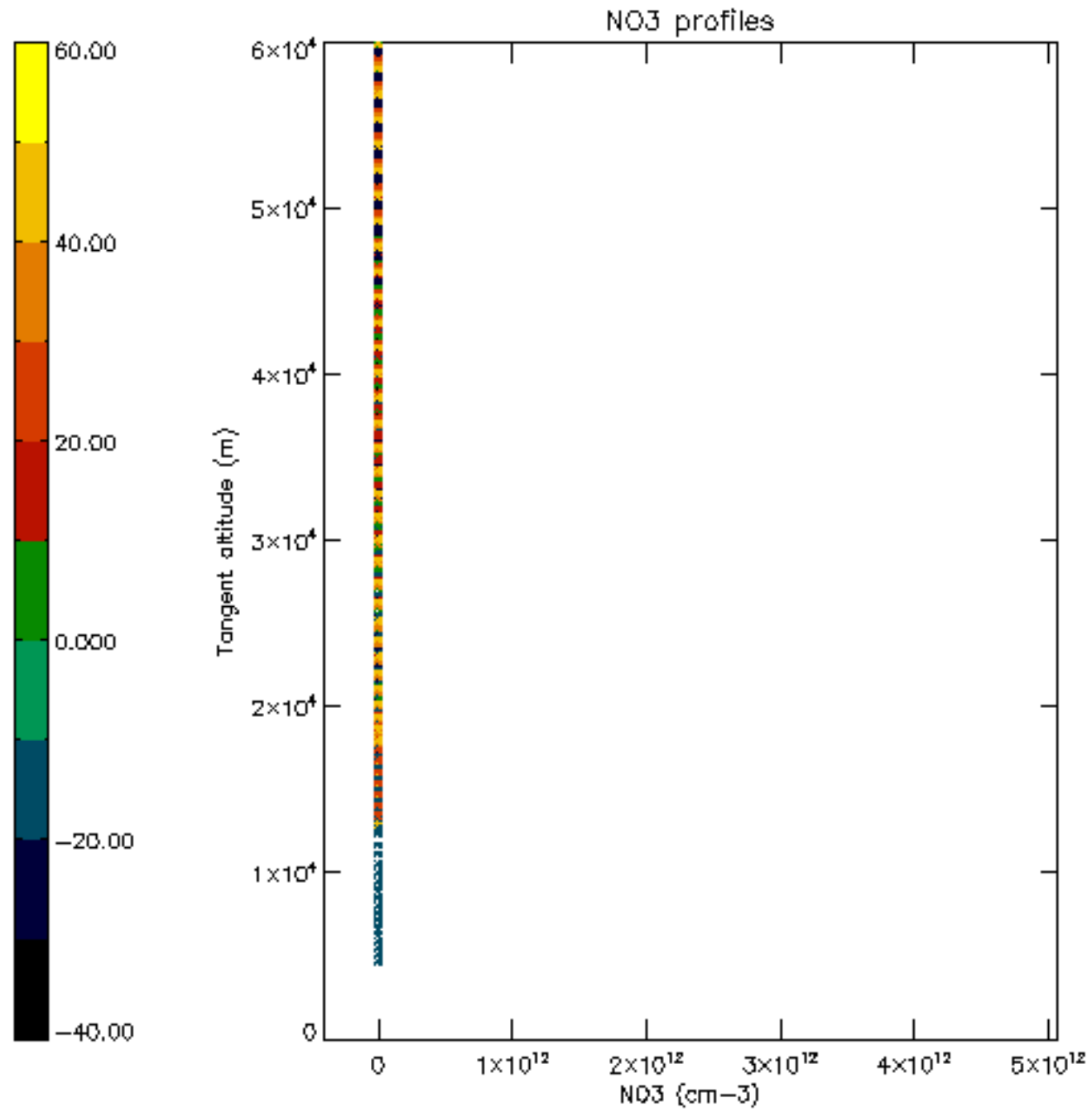


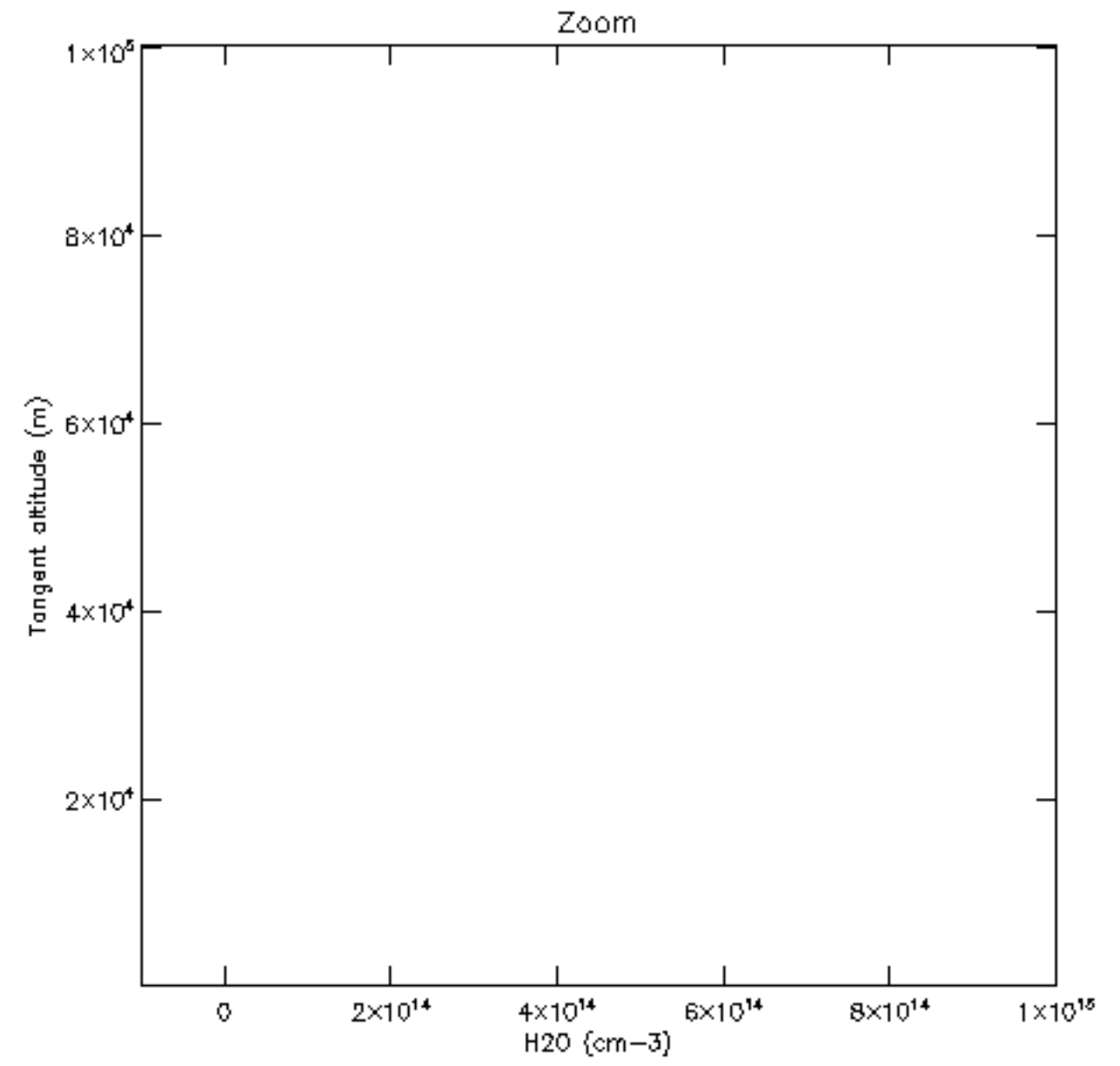
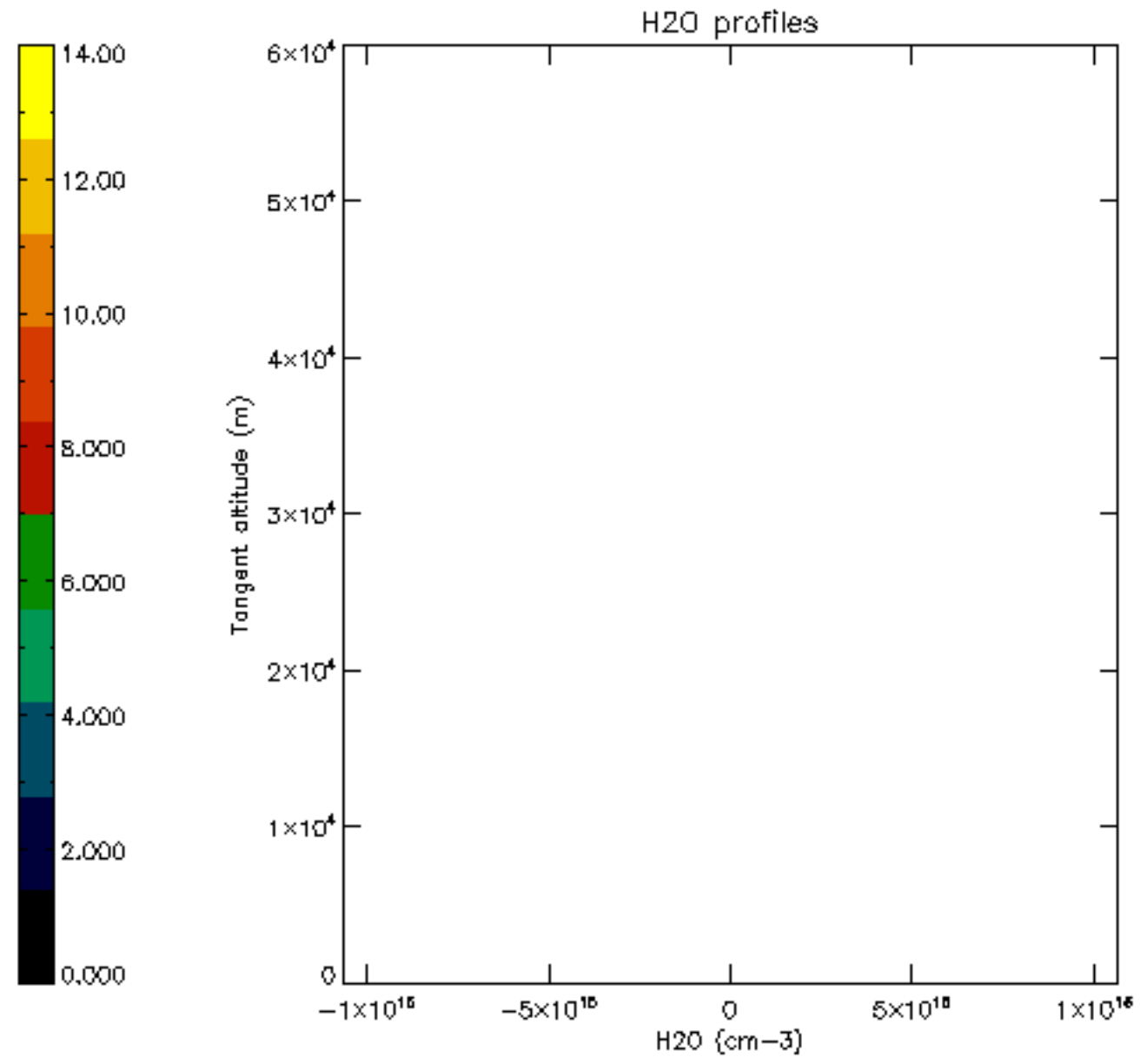


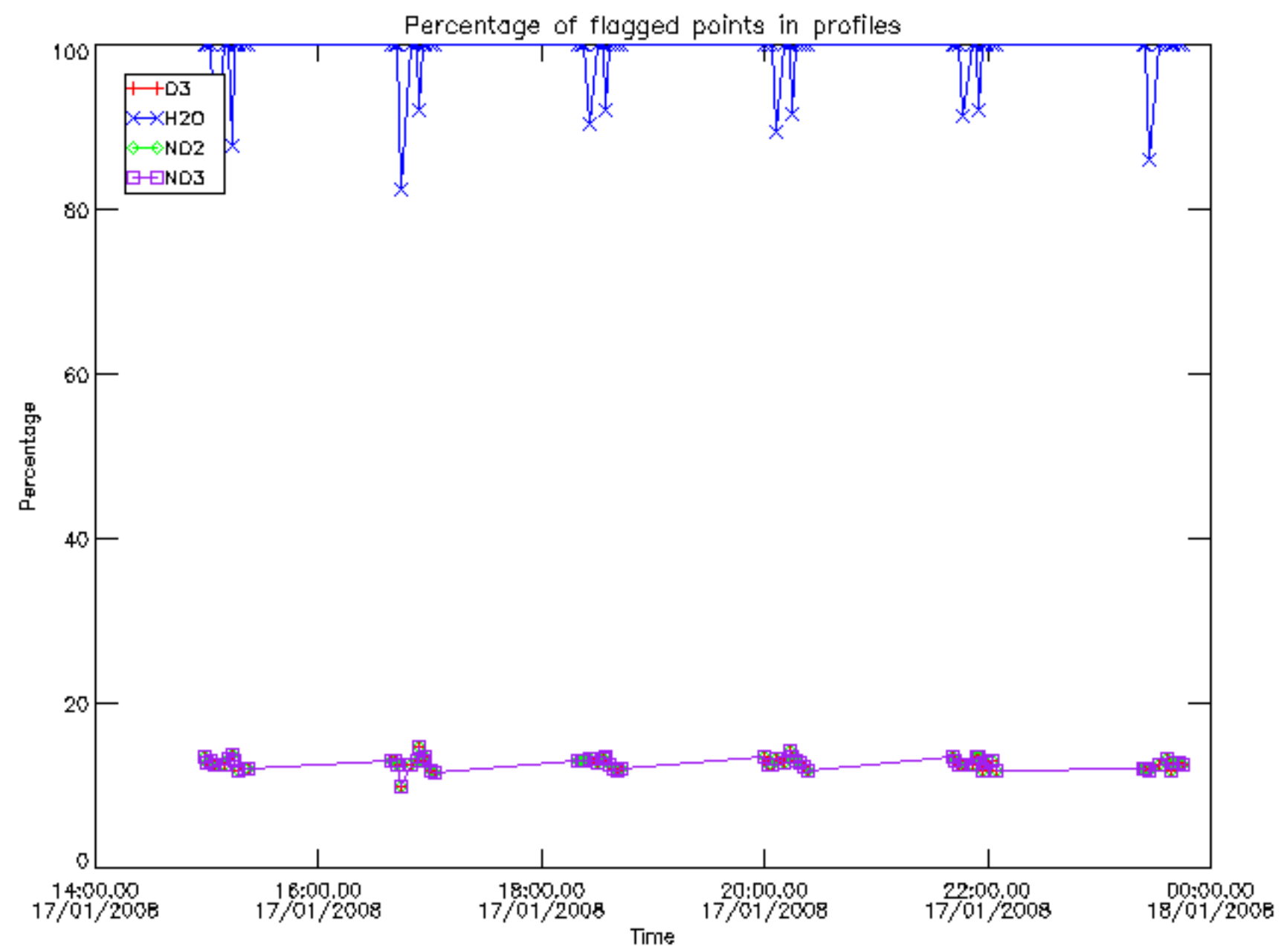




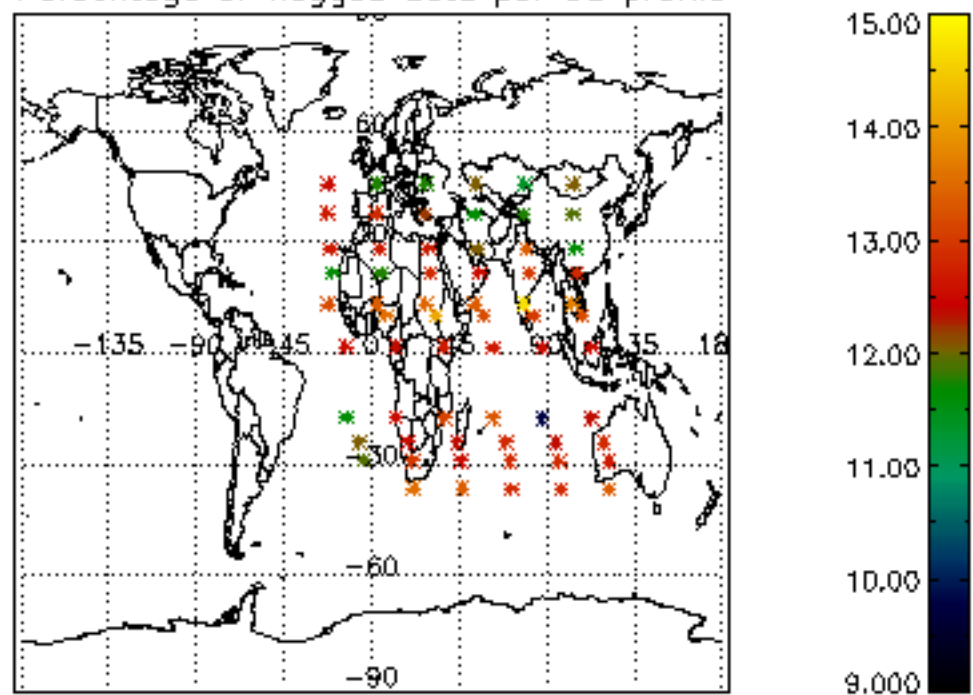




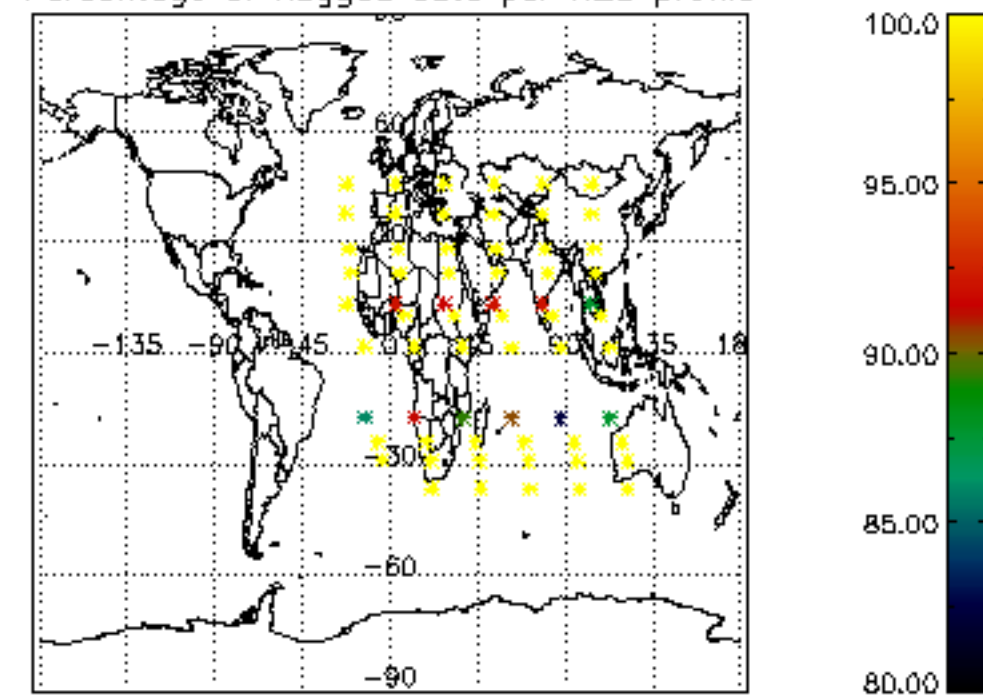




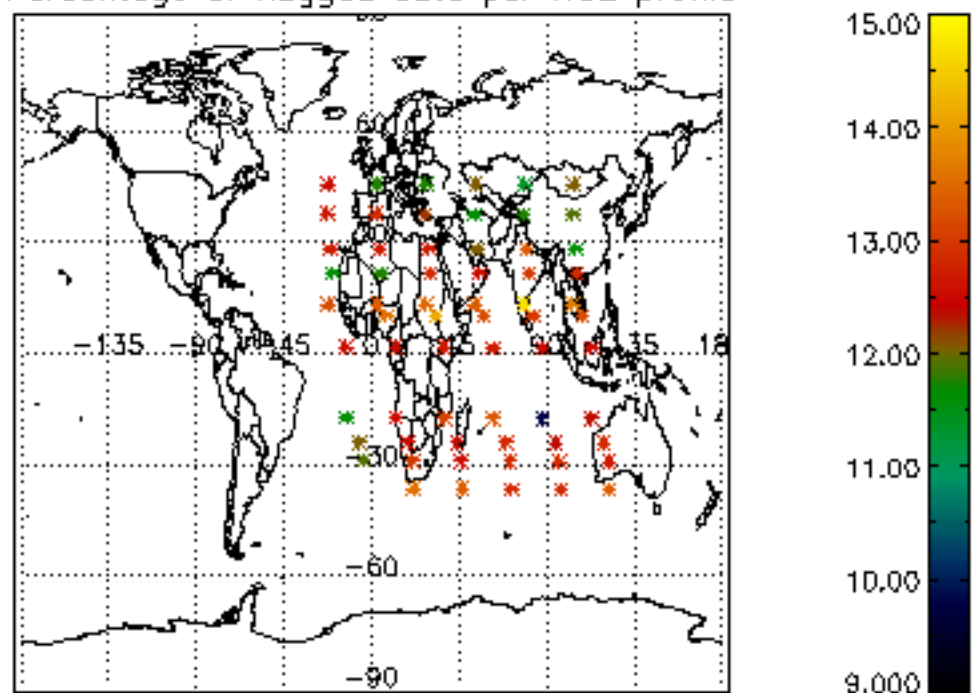
Percentage of flagged data per D3 profile



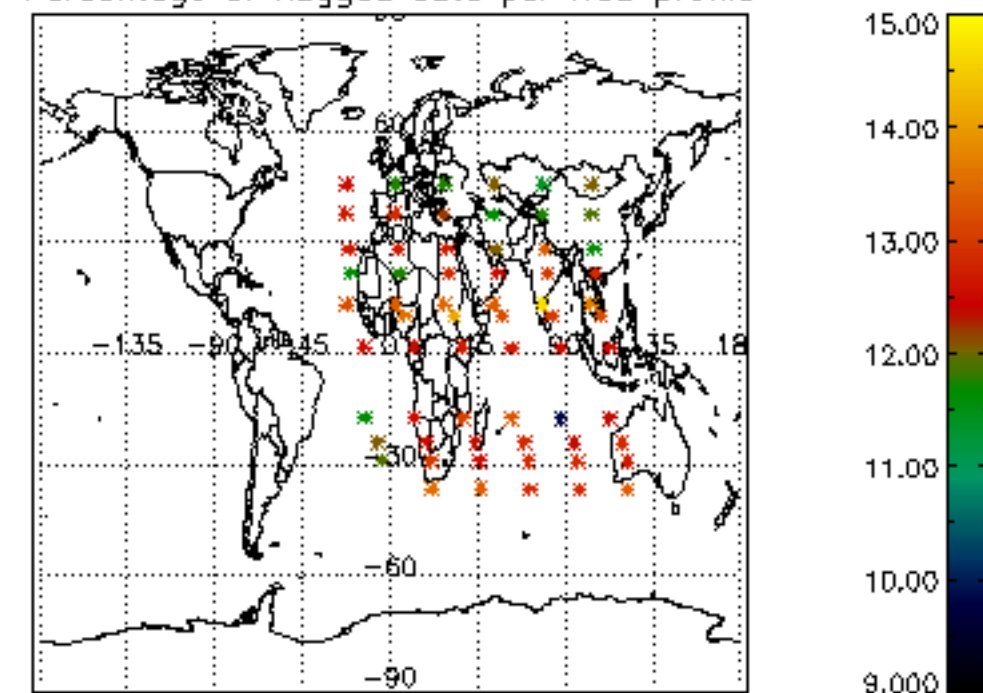
Percentage of flagged data per H2O profile

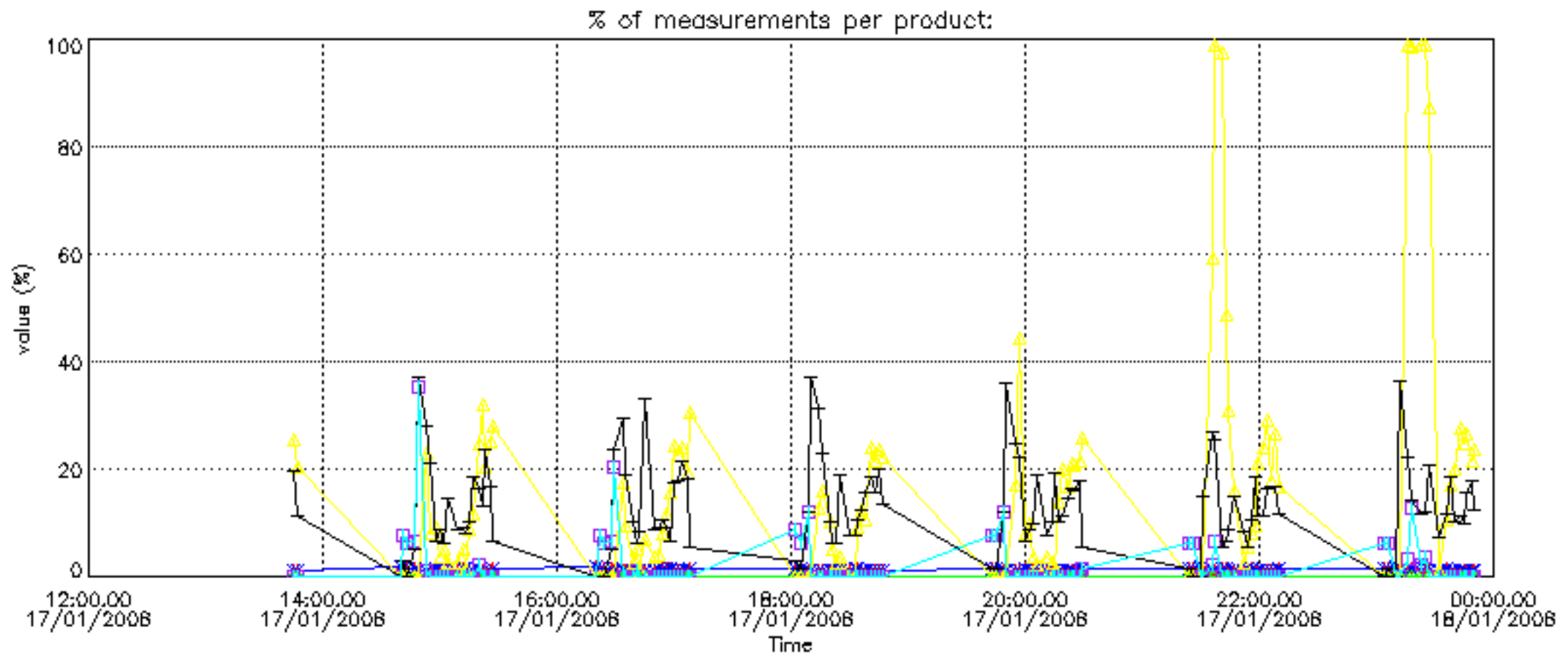


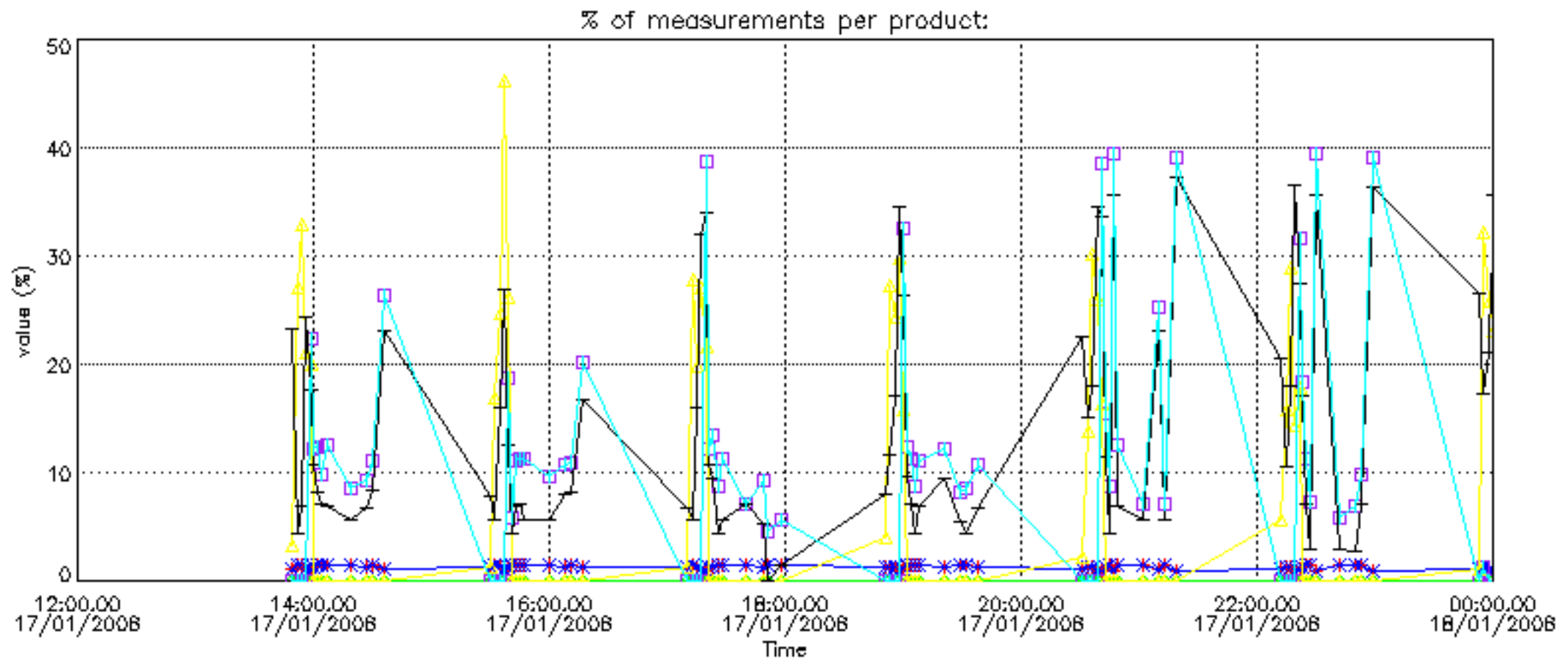
Percentage of flagged data per NO2 profile



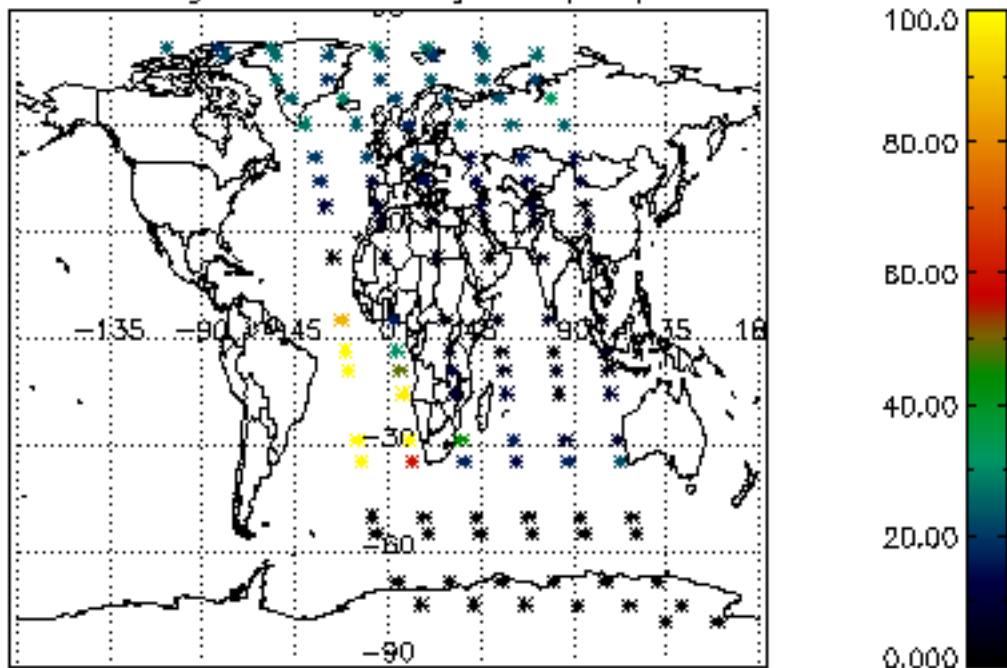
Percentage of flagged data per NO3 profile



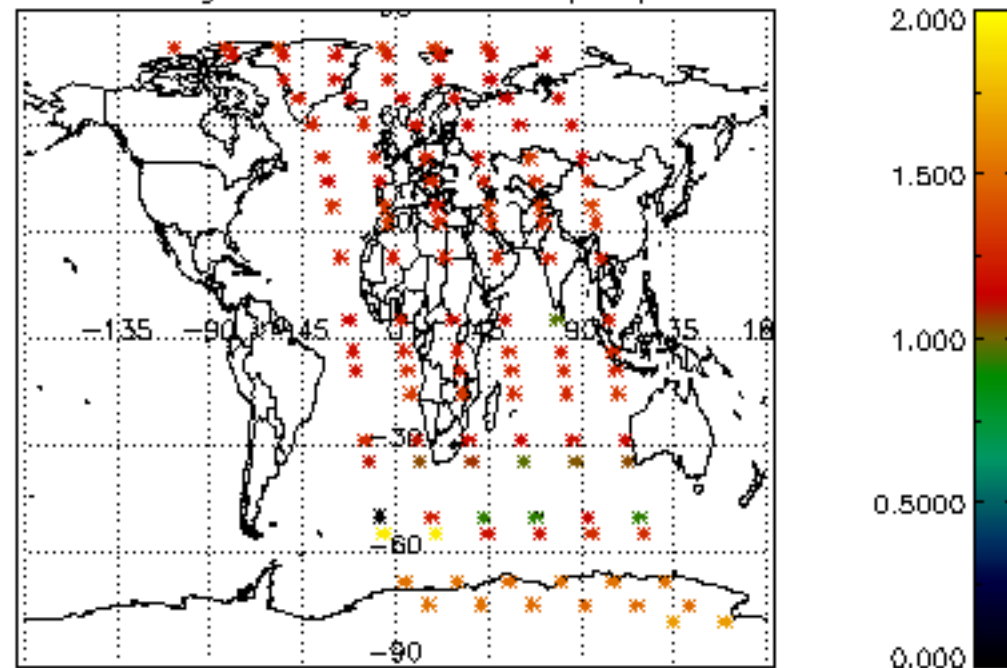




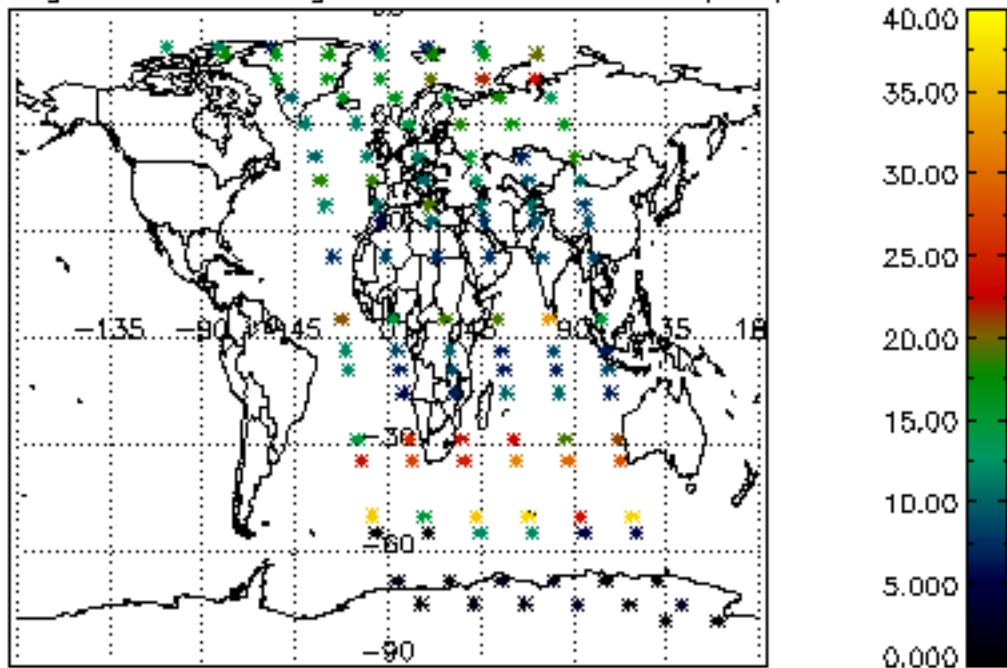
Percentage of cosmic ray hits per profile



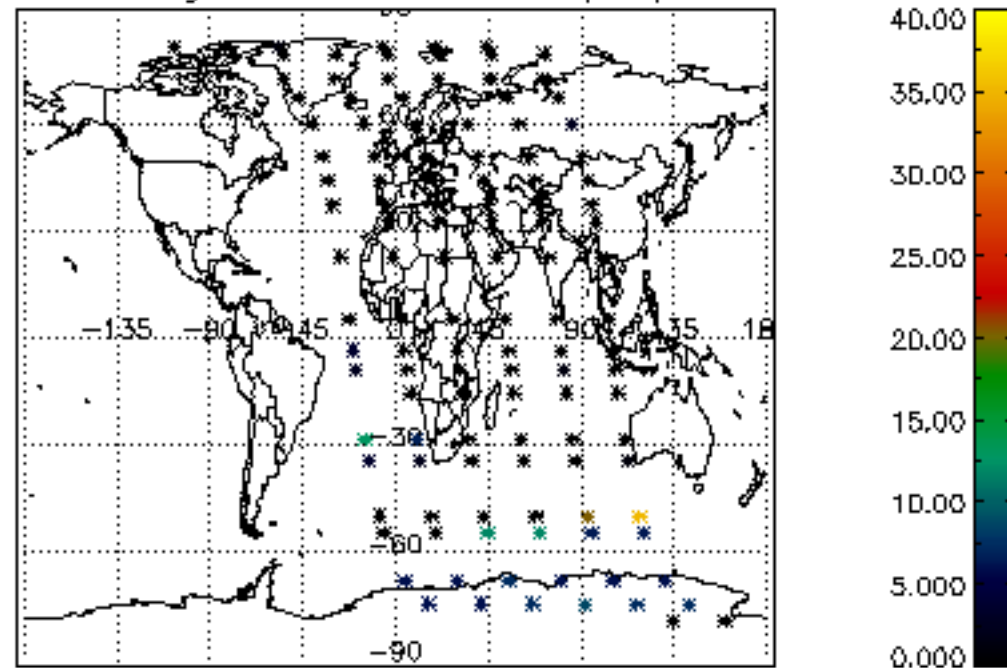
Percentage of datation errors per profile



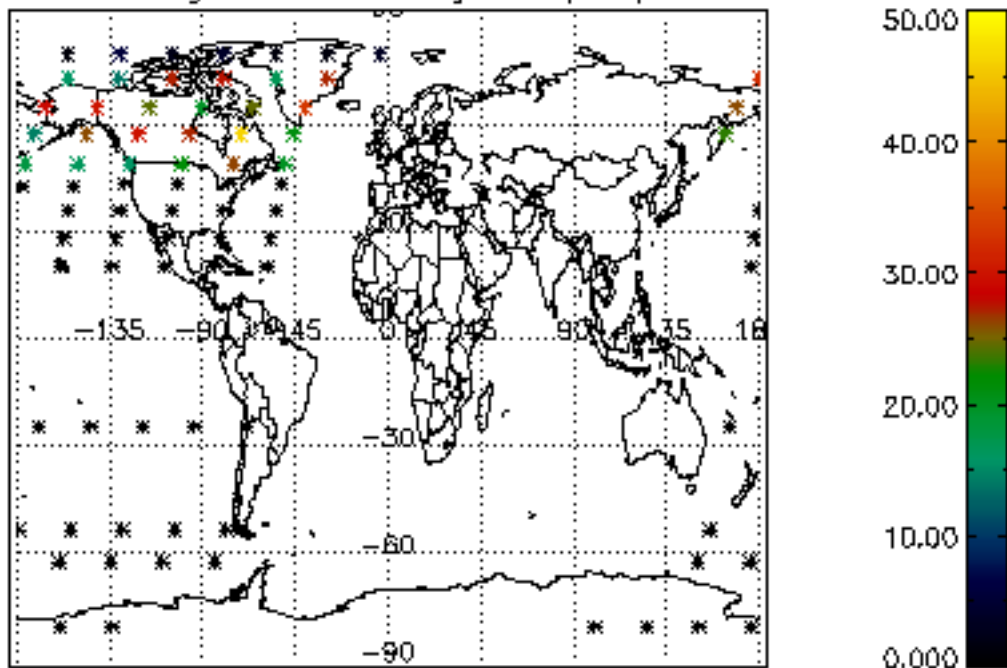
Percentage of star falling outside central band per profile



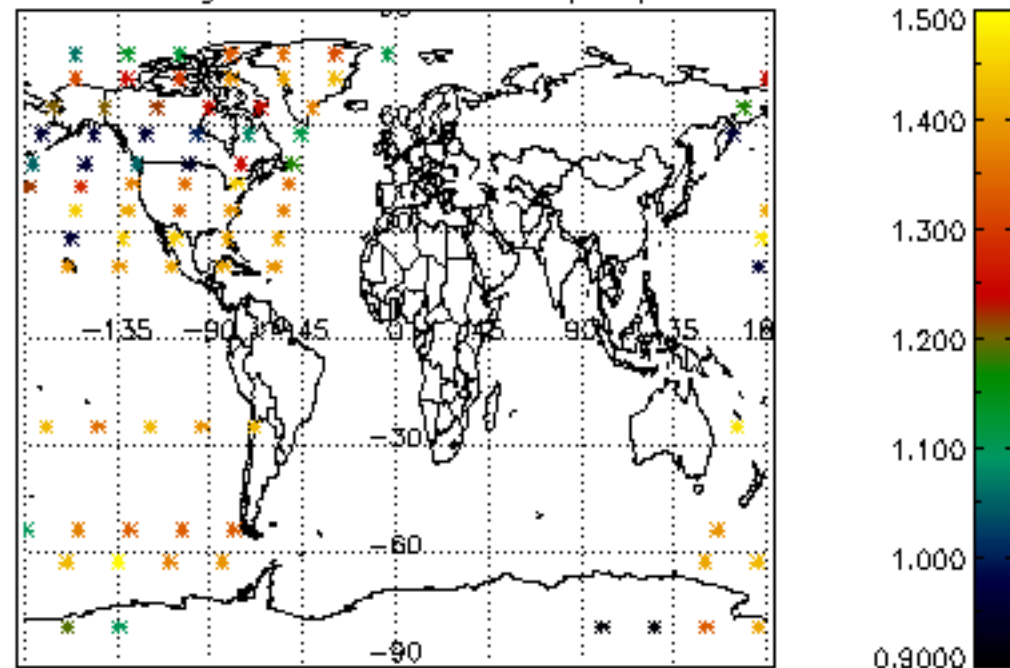
Percentage of saturation errors per profile



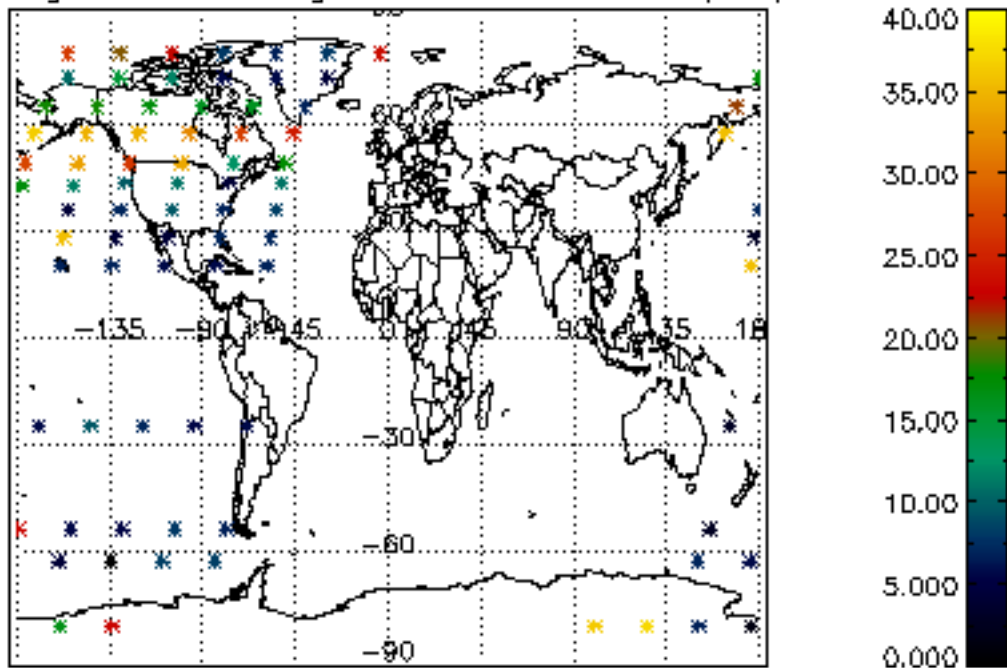
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

