

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 17:09:21 |
| Data source version | GOMOS/6.01 |
| Start time of products | 08-07-2008 (08JUL2008 00:00:00) |
| Stop time of products | 09-07-2008 (09JUL2008 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 271 |
| 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__2PRFIN20080708_000101_000000342070_00102_33222_5438.N1 | 08-JUL-2008 00:01:01 | Bright | 33.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 67 | 33222 | No |
| 2 | GOM_NL__2PRFIN20080708_000638_000000422070_00102_33222_5439.N1 | 08-JUL-2008 00:06:38 | Bright | 42.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 84 | 33222 | No |
| 3 | GOM_NL__2PRFIN20080708_000921_000000372070_00102_33222_5440.N1 | 08-JUL-2008 00:09:21 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 33222 | No |
| 4 | GOM_NL__2PRFIN20080708_001329_000000342070_00102_33222_5441.N1 | 08-JUL-2008 00:13:29 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 33222 | No |
| 5 | GOM_NL__2PRFIN20080708_001725_000000352070_00102_33222_5442.N1 | 08-JUL-2008 00:17:25 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 33222 | No |
| 6 | GOM_NL__2PRFIN20080708_004440_000000402070_00102_33222_5443.N1 | 08-JUL-2008 00:44:40 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33222 | No |
| 7 | GOM_NL__2PRFIN20080708_004715_000000372070_00102_33222_5444.N1 | 08-JUL-2008 00:47:15 | Dark | 36.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 73 | 33222 | No |
| 8 | GOM_NL__2PRFIN20080708_005556_000000412070_00102_33222_5445.N1 | 08-JUL-2008 00:55:56 | Dark | 40.500 | 157 | The1Eri | 2.9060 | 9300.0 | 81 | 33222 | No |
| 9 | GOM_NL__2PRFIN20080708_010208_000000512070_00103_33223_5475.N1 | 08-JUL-2008 01:02:08 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 33223 | No |
| 10 | GOM_NL__2PRFIN20080708_010617_000000372070_00103_33223_5476.N1 | 08-JUL-2008 01:06:17 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33223 | No |
| 11 | GOM_NL__2PRFIN20080708_011350_000000422070_00103_33223_5477.N1 | 08-JUL-2008 01:13:50 | Straylight | 42.000 | 45 | Alp Pav | 1.9400 | 26000. | 84 | 33223 | No |
| 12 | GOM_NL__2PRFIN20080708_011837_000000382070_00103_33223_5478.N1 | 08-JUL-2008 01:18:37 | Twilight | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33223 | No |
| 13 | GOM_NL__2PRFIN20080708_012027_000000432070_00103_33223_5479.N1 | 08-JUL-2008 01:20:27 | Twilight | 42.500 | 40 | The Sco | 1.8590 | 7100.0 | 85 | 33223 | No |
| 14 | GOM_NL__2PRFIN20080708_012207_000000402070_00103_33223_5480.N1 | 08-JUL-2008 01:22:07 | Twilight | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33223 | No |
| 15 | GOM_NL__2PRFIN20080708_012335_000000532070_00103_33223_5481.N1 | 08-JUL-2008 01:23:35 | Bright | 53.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 106 | 33223 | No |
| 16 | GOM_NL__2PRFIN20080708_012816_000000372070_00103_33223_5482.N1 | 08-JUL-2008 01:28:16 | Bright | 36.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 73 | 33223 | No |
| 17 | GOM_NL__2PRFIN20080708_013341_000000362070_00103_33223_5483.N1 | 08-JUL-2008 01:33:41 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33223 | No |
| 18 | GOM_NL__2PRFIN20080708_013558_000000362070_00103_33223_5484.N1 | 08-JUL-2008 01:35:58 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33223 | No |
| 19 | GOM_NL__2PRFIN20080708_013900_000000362070_00103_33223_5485.N1 | 08-JUL-2008 01:39:00 | Bright | 36.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 72 | 33223 | No |
| 20 | GOM_NL__2PRFIN20080708_014137_000000352070_00103_33223_5486.N1 | 08-JUL-2008 01:41:37 | Bright | 35.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 70 | 33223 | No |
| 21 | GOM_NL__2PRFIN20080708_014714_000000422070_00103_33223_5487.N1 | 08-JUL-2008 01:47:14 | Bright | 41.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 83 | 33223 | No |
| 22 | GOM_NL__2PRFIN20080708_014957_000000362070_00103_33223_5488.N1 | 08-JUL-2008 01:49:57 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33223 | No |
| 23 | GOM_NL__2PRFIN20080708_015405_000000372070_00103_33223_5489.N1 | 08-JUL-2008 01:54:05 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 33223 | No |
| 24 | GOM_NL__2PRFIN20080708_015801_000000362070_00103_33223_5490.N1 | 08-JUL-2008 01:58:01 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33223 | No |
| 25 | GOM_NL__2PRFIN20080708_022516_000000452070_00103_33223_5491.N1 | 08-JUL-2008 02:25:16 | Dark | 44.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 89 | 33223 | No |
| 26 | GOM_NL__2PRFIN20080708_022752_000000382070_00103_33223_5492.N1 | 08-JUL-2008 02:27:52 | Dark | 38.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 76 | 33223 | No |
| 27 | GOM_NL__2PRFIN20080708_024244_000000532070_00104_33224_5473.N1 | 08-JUL-2008 02:42:44 | Dark | 52.500 | 9 | Alp Eri | 0.45300 | 24000. | 105 | 33224 | No |
| 28 | GOM_NL__2PRFIN20080708_024653_000000372070_00104_33224_5474.N1 | 08-JUL-2008 02:46:53 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33224 | No |
| 29 | GOM_NL__2PRFIN20080708_025427_000000392070_00104_33224_5475.N1 | 08-JUL-2008 02:54:27 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33224 | No |
| 30 | GOM_NL__2PRFIN20080708_025913_000000392070_00104_33224_5476.N1 | 08-JUL-2008 02:59:13 | Twilight | 38.500 | 147 | Alp Ara | 2.8770 | 26000. | 77 | 33224 | No |
| 31 | GOM_NL__2PRFIN20080708_030104_000000412070_00104_33224_5477.N1 | 08-JUL-2008 03:01:04 | Twilight | 41.000 | 40 | The Sco | 1.8590 | 7100.0 | 82 | 33224 | No |
| 32 | GOM_NL__2PRFIN20080708_030243_000000402070_00104_33224_5478.N1 | 08-JUL-2008 03:02:43 | Twilight | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33224 | No |
| 33 | GOM_NL__2PRFIN20080708_030411_000000462070_00104_33224_5479.N1 | 08-JUL-2008 03:04:11 | Bright | 46.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 92 | 33224 | No |
| 34 | GOM_NL__2PRFIN20080708_030852_000000372070_00104_33224_5480.N1 | 08-JUL-2008 03:08:52 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33224 | No |
| 35 | GOM_NL__2PRFIN20080708_031417_000000362070_00104_33224_5481.N1 | 08-JUL-2008 03:14:17 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33224 | No |
| 36 | GOM_NL__2PRFIN20080708_031634_000000362070_00104_33224_5482.N1 | 08-JUL-2008 03:16:34 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33224 | No |
| 37 | GOM_NL__2PRFIN20080708_031936_000000362070_00104_33224_5483.N1 | 08-JUL-2008 03:19:36 | Bright | 35.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 71 | 33224 | No |
| 38 | GOM_NL__2PRFIN20080708_032213_000000362070_00104_33224_5484.N1 | 08-JUL-2008 03:22:13 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33224 | No |
| 39 | GOM_NL__2PRFIN20080708_032750_000000352070_00104_33224_5485.N1 | 08-JUL-2008 03:27:50 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 33224 | No |
| 40 | GOM_NL__2PRFIN20080708_033032_000000362070_00104_33224_5486.N1 | 08-JUL-2008 03:30:32 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 33224 | No |
| 41 | GOM_NL__2PRFIN20080708_033441_000000332070_00104_33224_5487.N1 | 08-JUL-2008 03:34:41 | Bright | 32.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 65 | 33224 | No |
| 42 | GOM_NL__2PRFIN20080708_033837_000000332070_00104_33224_5488.N1 | 08-JUL-2008 03:38:37 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 33224 | No |

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|-----|--|----------------------|---------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20080708_040552_000000382070_00104_33224_5489.N1 | 08-JUL-2008 04:05:52 | Dark | 37.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 75 | 33224 | No |
| 44 | GOM_NL__2PRFIN20080708_040828_000000452070_00104_33224_5490.N1 | 08-JUL-2008 04:08:28 | Dark | 45.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 90 | 33224 | No |
| 45 | GOM_NL__2PRFIN20080708_041709_000000402070_00104_33224_5491.N1 | 08-JUL-2008 04:17:09 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 33224 | No |
| 46 | GOM_NL__2PRFIN20080708_042321_000000522070_00105_33225_5500.N1 | 08-JUL-2008 04:23:21 | Dark | 51.500 | 9 | Alp Eri | 0.45300 | 24000. | 103 | 33225 | No |
| 47 | GOM_NL__2PRFIN20080708_042729_000000362070_00105_33225_5501.N1 | 08-JUL-2008 04:27:29 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33225 | No |
| 48 | GOM_NL__2PRFIN20080708_043503_000000422070_00105_33225_5502.N1 | 08-JUL-2008 04:35:03 | Straylight | 42.000 | 45 | Alp Pav | 1.9400 | 26000. | 84 | 33225 | No |
| 49 | GOM_NL__2PRFIN20080708_043950_000000372070_00105_33225_5503.N1 | 08-JUL-2008 04:39:50 | Twi_and_stray | 36.500 | 147 | Alp Ara | 2.8770 | 26000. | 73 | 33225 | No |
| 50 | GOM_NL__2PRFIN20080708_044140_000000422070_00105_33225_5504.N1 | 08-JUL-2008 04:41:40 | Twi_and_stray | 42.000 | 40 | The Sco | 1.8590 | 7100.0 | 84 | 33225 | No |
| 51 | GOM_NL__2PRFIN20080708_044319_000000382070_00105_33225_5505.N1 | 08-JUL-2008 04:43:19 | Twi_and_stray | 38.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 76 | 33225 | No |
| 52 | GOM_NL__2PRFIN20080708_044448_000000452070_00105_33225_5506.N1 | 08-JUL-2008 04:44:48 | Bright | 45.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 90 | 33225 | No |
| 53 | GOM_NL__2PRFIN20080708_044929_000000372070_00105_33225_5507.N1 | 08-JUL-2008 04:49:29 | Bright | 36.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 73 | 33225 | No |
| 54 | GOM_NL__2PRFIN20080708_045453_000000362070_00105_33225_5508.N1 | 08-JUL-2008 04:54:53 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33225 | No |
| 55 | GOM_NL__2PRFIN20080708_045710_000000362070_00105_33225_5509.N1 | 08-JUL-2008 04:57:10 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 33225 | No |
| 56 | GOM_NL__2PRFIN20080708_050013_000000352070_00105_33225_5510.N1 | 08-JUL-2008 05:00:13 | Bright | 35.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 70 | 33225 | No |
| 57 | GOM_NL__2PRFIN20080708_050250_000000362070_00105_33225_5511.N1 | 08-JUL-2008 05:02:50 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33225 | No |
| 58 | GOM_NL__2PRFIN20080708_050826_000000362070_00105_33225_5512.N1 | 08-JUL-2008 05:08:26 | Bright | 35.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 71 | 33225 | No |
| 59 | GOM_NL__2PRFIN20080708_051109_000000332070_00105_33225_5513.N1 | 08-JUL-2008 05:11:09 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 33225 | No |
| 60 | GOM_NL__2PRFIN20080708_051517_000000362070_00105_33225_5514.N1 | 08-JUL-2008 05:15:17 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33225 | No |
| 61 | GOM_NL__2PRFIN20080708_051913_000000362070_00105_33225_5515.N1 | 08-JUL-2008 05:19:13 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33225 | No |
| 62 | GOM_NL__2PRFIN20080708_054628_000000372070_00105_33225_5516.N1 | 08-JUL-2008 05:46:28 | Dark | 37.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 74 | 33225 | No |
| 63 | GOM_NL__2PRFIN20080708_054904_000000432070_00105_33225_5517.N1 | 08-JUL-2008 05:49:04 | Dark | 42.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 85 | 33225 | No |
| 64 | GOM_NL__2PRFIN20080708_055746_000000402070_00105_33225_5518.N1 | 08-JUL-2008 05:57:46 | Dark | 40.000 | 157 | The1Eri | 2.9060 | 9300.0 | 80 | 33225 | No |
| 65 | GOM_NL__2PRFIN20080708_060357_000000512070_00106_33226_5498.N1 | 08-JUL-2008 06:03:57 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 33226 | No |
| 66 | GOM_NL__2PRFIN20080708_060805_000000372070_00106_33226_5499.N1 | 08-JUL-2008 06:08:05 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33226 | No |
| 67 | GOM_NL__2PRFIN20080708_061540_000000392070_00106_33226_5500.N1 | 08-JUL-2008 06:15:40 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33226 | No |
| 68 | GOM_NL__2PRFIN20080708_062026_000000382070_00106_33226_5501.N1 | 08-JUL-2008 06:20:26 | Twi_and_stray | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33226 | No |
| 69 | GOM_NL__2PRFIN20080708_062216_000000432070_00106_33226_5502.N1 | 08-JUL-2008 06:22:16 | Twi_and_stray | 43.000 | 40 | The Sco | 1.8590 | 7100.0 | 86 | 33226 | No |
| 70 | GOM_NL__2PRFIN20080708_062356_000000402070_00106_33226_5503.N1 | 08-JUL-2008 06:23:56 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33226 | No |
| 71 | GOM_NL__2PRFIN20080708_062524_000000462070_00106_33226_5504.N1 | 08-JUL-2008 06:25:24 | Bright | 46.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 92 | 33226 | No |
| 72 | GOM_NL__2PRFIN20080708_063005_000000372070_00106_33226_5505.N1 | 08-JUL-2008 06:30:05 | Bright | 36.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 73 | 33226 | No |
| 73 | GOM_NL__2PRFIN20080708_063529_000000362070_00106_33226_5506.N1 | 08-JUL-2008 06:35:29 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33226 | No |
| 74 | GOM_NL__2PRFIN20080708_063746_000000372070_00106_33226_5507.N1 | 08-JUL-2008 06:37:46 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 33226 | No |
| 75 | GOM_NL__2PRFIN20080708_064049_000000372070_00106_33226_5508.N1 | 08-JUL-2008 06:40:49 | Bright | 37.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 74 | 33226 | No |
| 76 | GOM_NL__2PRFIN20080708_064326_000000352070_00106_33226_5509.N1 | 08-JUL-2008 06:43:26 | Bright | 35.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 70 | 33226 | No |
| 77 | GOM_NL__2PRFIN20080708_064902_000000362070_00106_33226_5510.N1 | 08-JUL-2008 06:49:02 | Bright | 36.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 72 | 33226 | No |
| 78 | GOM_NL__2PRFIN20080708_065145_000000362070_00106_33226_5511.N1 | 08-JUL-2008 06:51:45 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33226 | No |
| 79 | GOM_NL__2PRFIN20080708_065553_000000382070_00106_33226_5512.N1 | 08-JUL-2008 06:55:53 | Bright | 37.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 75 | 33226 | No |
| 80 | GOM_NL__2PRFIN20080708_065949_000000342070_00106_33226_5513.N1 | 08-JUL-2008 06:59:49 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 33226 | No |
| 81 | GOM_NL__2PRFIN20080708_072704_000000392070_00106_33226_5514.N1 | 08-JUL-2008 07:27:04 | Dark | 38.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 77 | 33226 | No |
| 82 | GOM_NL__2PRFIN20080708_072941_000000442070_00106_33226_5515.N1 | 08-JUL-2008 07:29:41 | Dark | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 33226 | No |
| 83 | GOM_NL__2PRFIN20080708_073823_000000412070_00106_33226_5516.N1 | 08-JUL-2008 07:38:23 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 33226 | No |
| 84 | GOM_NL__2PRFIN20080708_074434_000000532070_00107_33227_5550.N1 | 08-JUL-2008 07:44:34 | Dark | 53.000 | 9 | Alp Eri | 0.45300 | 24000. | 106 | 33227 | No |
| 85 | GOM_NL__2PRFIN20080708_074842_000000372070_00107_33227_5551.N1 | 08-JUL-2008 07:48:42 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33227 | No |
| 86 | GOM_NL__2PRFIN20080708_075616_000000402070_00107_33227_5552.N1 | 08-JUL-2008 07:56:16 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 33227 | No |
| 87 | GOM_NL__2PRFIN20080708_080102_000000382070_00107_33227_5553.N1 | 08-JUL-2008 08:01:02 | Twi_and_stray | 38.000 | 147 | Alp Ara | 2.8770 | 26000. | 76 | 33227 | No |
| 88 | GOM_NL__2PRFIN20080708_080252_000000422070_00107_33227_5554.N1 | 08-JUL-2008 08:02:52 | Twi_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33227 | No |
| 89 | GOM_NL__2PRFIN20080708_080432_000000402070_00107_33227_5555.N1 | 08-JUL-2008 08:04:32 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33227 | No |
| 90 | GOM_NL__2PRFIN20080708_080600_000000482070_00107_33227_5556.N1 | 08-JUL-2008 08:06:00 | Bright | 47.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 95 | 33227 | No |
| 91 | GOM_NL__2PRFIN20080708_081041_000000362070_00107_33227_5557.N1 | 08-JUL-2008 08:10:41 | Bright | 36.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 72 | 33227 | No |
| 92 | GOM_NL__2PRFIN20080708_081605_000000352070_00107_33227_5558.N1 | 08-JUL-2008 08:16:05 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33227 | No |
| 93 | GOM_NL__2PRFIN20080708_081822_000000362070_00107_33227_5559.N1 | 08-JUL-2008 08:18:22 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 33227 | No |
| 94 | GOM_NL__2PRFIN20080708_082125_000000352070_00107_33227_5560.N1 | 08-JUL-2008 08:21:25 | Bright | 35.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 70 | 33227 | No |
| 95 | GOM_NL__2PRFIN20080708_082402_000000372070_00107_33227_5561.N1 | 08-JUL-2008 08:24:02 | Bright | 36.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 73 | 33227 | No |
| 96 | GOM_NL__2PRFIN20080708_082938_000000372070_00107_33227_5562.N1 | 08-JUL-2008 08:29:38 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 33227 | No |
| 97 | GOM_NL__2PRFIN20080708_083221_000000362070_00107_33227_5563.N1 | 08-JUL-2008 08:32:21 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33227 | No |
| 98 | GOM_NL__2PRFIN20080708_083629_000000362070_00107_33227_5564.N1 | 08-JUL-2008 08:36:29 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33227 | No |
| 99 | GOM_NL__2PRFIN20080708_084025_000000332070_00107_33227_5565.N1 | 08-JUL-2008 08:40:25 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 33227 | No |
| 100 | GOM_NL__2PRFIN20080708_090740_000000432070_00107_33227_5566.N1 | 08-JUL-2008 09:07:40 | Dark | 43.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 86 | 33227 | No |
| 101 | GOM_NL__2PRFIN20080708_091017_000000432070_00107_33227_5567.N1 | 08-JUL-2008 09:10:17 | Dark | 43.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 86 | 33227 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20080708_091859_000000412070_00107_33227_5568.N1 | 08-JUL-2008 09:18:59 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 33227 | No |
| 103 | GOM_NL__2PRFIN20080708_092510_000000532070_00108_33228_5555.N1 | 08-JUL-2008 09:25:10 | Dark | 53.000 | 9 | Alp Eri | 0.45300 | 24000. | 106 | 33228 | No |
| 104 | GOM_NL__2PRFIN20080708_092918_000000362070_00108_33228_5556.N1 | 08-JUL-2008 09:29:18 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33228 | No |
| 105 | GOM_NL__2PRFIN20080708_093652_000000422070_00108_33228_5557.N1 | 08-JUL-2008 09:36:52 | Straylight | 41.500 | 45 | Alp Pav | 1.9400 | 26000. | 83 | 33228 | No |
| 106 | GOM_NL__2PRFIN20080708_094138_000000372070_00108_33228_5558.N1 | 08-JUL-2008 09:41:38 | Twi_and_stray | 36.500 | 147 | Alp Ara | 2.8770 | 26000. | 73 | 33228 | No |
| 107 | GOM_NL__2PRFIN20080708_094328_000000402070_00108_33228_5559.N1 | 08-JUL-2008 09:43:28 | Twi_and_stray | 39.500 | 40 | The Sco | 1.8590 | 7100.0 | 79 | 33228 | No |
| 108 | GOM_NL__2PRFIN20080708_094508_000000392070_00108_33228_5560.N1 | 08-JUL-2008 09:45:08 | Twi_and_stray | 38.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 77 | 33228 | No |
| 109 | GOM_NL__2PRFIN20080708_094636_000000532070_00108_33228_5561.N1 | 08-JUL-2008 09:46:36 | Bright | 53.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 106 | 33228 | No |
| 110 | GOM_NL__2PRFIN20080708_095117_000000362070_00108_33228_5562.N1 | 08-JUL-2008 09:51:17 | Bright | 36.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 72 | 33228 | No |
| 111 | GOM_NL__2PRFIN20080708_095641_000000352070_00108_33228_5563.N1 | 08-JUL-2008 09:56:41 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33228 | No |
| 112 | GOM_NL__2PRFIN20080708_095858_000000362070_00108_33228_5564.N1 | 08-JUL-2008 09:58:58 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 33228 | No |
| 113 | GOM_NL__2PRFIN20080708_100201_000000362070_00108_33228_5565.N1 | 08-JUL-2008 10:02:01 | Bright | 36.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 72 | 33228 | No |
| 114 | GOM_NL__2PRFIN20080708_100438_000000342070_00108_33228_5566.N1 | 08-JUL-2008 10:04:38 | Bright | 34.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 68 | 33228 | No |
| 115 | GOM_NL__2PRFIN20080708_101013_000000372070_00108_33228_5567.N1 | 08-JUL-2008 10:10:13 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 33228 | No |
| 116 | GOM_NL__2PRFIN20080708_101257_000000362070_00108_33228_5568.N1 | 08-JUL-2008 10:12:57 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 33228 | No |
| 117 | GOM_NL__2PRFIN20080708_101705_000000522070_00108_33228_5569.N1 | 08-JUL-2008 10:17:05 | Bright | 52.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 104 | 33228 | No |
| 118 | GOM_NL__2PRFIN20080708_102101_000000362070_00108_33228_5570.N1 | 08-JUL-2008 10:21:01 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33228 | No |
| 119 | GOM_NL__2PRFIN20080708_104816_000000462070_00108_33228_5571.N1 | 08-JUL-2008 10:48:16 | Dark | 46.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 92 | 33228 | No |
| 120 | GOM_NL__2PRFIN20080708_105053_000000442070_00108_33228_5572.N1 | 08-JUL-2008 10:50:53 | Dark | 43.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 87 | 33228 | No |
| 121 | GOM_NL__2PRFIN20080708_105935_000000382070_00108_33228_5573.N1 | 08-JUL-2008 10:59:35 | Dark | 38.000 | 157 | The1Eri | 2.9060 | 9300.0 | 76 | 33228 | No |
| 122 | GOM_NL__2PRFIN20080708_110547_000000482070_00109_33229_5583.N1 | 08-JUL-2008 11:05:47 | Dark | 48.000 | 9 | Alp Eri | 0.45300 | 24000. | 96 | 33229 | No |
| 123 | GOM_NL__2PRFIN20080708_110954_000000372070_00109_33229_5584.N1 | 08-JUL-2008 11:09:54 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33229 | No |
| 124 | GOM_NL__2PRFIN20080708_111729_000000402070_00109_33229_5585.N1 | 08-JUL-2008 11:17:29 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 33229 | No |
| 125 | GOM_NL__2PRFIN20080708_112214_000000382070_00109_33229_5586.N1 | 08-JUL-2008 11:22:14 | Twi_and_stray | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33229 | No |
| 126 | GOM_NL__2PRFIN20080708_112404_000000412070_00109_33229_5587.N1 | 08-JUL-2008 11:24:04 | Twi_and_stray | 41.000 | 40 | The Sco | 1.8590 | 7100.0 | 82 | 33229 | No |
| 127 | GOM_NL__2PRFIN20080708_112544_000000402070_00109_33229_5588.N1 | 08-JUL-2008 11:25:44 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33229 | No |
| 128 | GOM_NL__2PRFIN20080708_112712_000000522070_00109_33229_5589.N1 | 08-JUL-2008 11:27:12 | Bright | 52.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 104 | 33229 | No |
| 129 | GOM_NL__2PRFIN20080708_113153_000000362070_00109_33229_5590.N1 | 08-JUL-2008 11:31:53 | Bright | 36.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 72 | 33229 | No |
| 130 | GOM_NL__2PRFIN20080708_113717_000000352070_00109_33229_5591.N1 | 08-JUL-2008 11:37:17 | Bright | 34.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 69 | 33229 | No |
| 131 | GOM_NL__2PRFIN20080708_113934_000000382070_00109_33229_5592.N1 | 08-JUL-2008 11:39:34 | Bright | 37.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 75 | 33229 | No |
| 132 | GOM_NL__2PRFIN20080708_114237_000000372070_00109_33229_5593.N1 | 08-JUL-2008 11:42:37 | Bright | 36.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 73 | 33229 | No |
| 133 | GOM_NL__2PRFIN20080708_114514_000000362070_00109_33229_5594.N1 | 08-JUL-2008 11:45:14 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33229 | No |
| 134 | GOM_NL__2PRFIN20080708_115049_000000372070_00109_33229_5595.N1 | 08-JUL-2008 11:50:49 | Bright | 37.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 74 | 33229 | No |
| 135 | GOM_NL__2PRFIN20080708_115333_000000372070_00109_33229_5596.N1 | 08-JUL-2008 11:53:33 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 33229 | No |
| 136 | GOM_NL__2PRFIN20080708_115741_000000362070_00109_33229_5597.N1 | 08-JUL-2008 11:57:41 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33229 | No |
| 137 | GOM_NL__2PRFIN20080708_120136_000000372070_00109_33229_5598.N1 | 08-JUL-2008 12:01:36 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 33229 | No |
| 138 | GOM_NL__2PRFIN20080708_122852_000000432070_00109_33229_5599.N1 | 08-JUL-2008 12:28:52 | Dark | 43.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 86 | 33229 | No |
| 139 | GOM_NL__2PRFIN20080708_123129_000000442070_00109_33229_5600.N1 | 08-JUL-2008 12:31:29 | Dark | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 33229 | No |
| 140 | GOM_NL__2PRFIN20080708_124012_000000392070_00109_33229_5601.N1 | 08-JUL-2008 12:40:12 | Dark | 39.000 | 157 | The1Eri | 2.9060 | 9300.0 | 78 | 33229 | No |
| 141 | GOM_NL__2PRFIN20080708_124623_000000492070_00110_33230_5644.N1 | 08-JUL-2008 12:46:23 | Dark | 48.500 | 9 | Alp Eri | 0.45300 | 24000. | 97 | 33230 | No |
| 142 | GOM_NL__2PRFIN20080708_125030_000000372070_00110_33230_5645.N1 | 08-JUL-2008 12:50:30 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33230 | No |
| 143 | GOM_NL__2PRFIN20080708_125805_000000402070_00110_33230_5646.N1 | 08-JUL-2008 12:58:05 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33230 | No |
| 144 | GOM_NL__2PRFIN20080708_130250_000000372070_00110_33230_5647.N1 | 08-JUL-2008 13:02:50 | Twi_and_stray | 36.500 | 147 | Alp Ara | 2.8770 | 26000. | 73 | 33230 | No |
| 145 | GOM_NL__2PRFIN20080708_130440_000000422070_00110_33230_5648.N1 | 08-JUL-2008 13:04:40 | Twi_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33230 | No |
| 146 | GOM_NL__2PRFIN20080708_130620_000000412070_00110_33230_5649.N1 | 08-JUL-2008 13:06:20 | Twi_and_stray | 40.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 81 | 33230 | No |
| 147 | GOM_NL__2PRFIN20080708_130748_000000472070_00110_33230_5650.N1 | 08-JUL-2008 13:07:48 | Bright | 46.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 93 | 33230 | No |
| 148 | GOM_NL__2PRFIN20080708_131229_000000372070_00110_33230_5651.N1 | 08-JUL-2008 13:12:29 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33230 | No |
| 149 | GOM_NL__2PRFIN20080708_131753_000000352070_00110_33230_5652.N1 | 08-JUL-2008 13:17:53 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33230 | No |
| 150 | GOM_NL__2PRFIN20080708_132010_000000352070_00110_33230_5653.N1 | 08-JUL-2008 13:20:10 | Bright | 34.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 69 | 33230 | No |
| 151 | GOM_NL__2PRFIN20080708_132313_000000372070_00110_33230_5654.N1 | 08-JUL-2008 13:23:13 | Bright | 37.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 74 | 33230 | No |
| 152 | GOM_NL__2PRFIN20080708_132550_000000362070_00110_33230_5655.N1 | 08-JUL-2008 13:25:50 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33230 | No |
| 153 | GOM_NL__2PRFIN20080708_133125_000000342070_00110_33230_5656.N1 | 08-JUL-2008 13:31:25 | Bright | 34.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 68 | 33230 | No |
| 154 | GOM_NL__2PRFIN20080708_133409_000000352070_00110_33230_5657.N1 | 08-JUL-2008 13:34:09 | Bright | 34.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 69 | 33230 | No |
| 155 | GOM_NL__2PRFIN20080708_133817_000000362070_00110_33230_5658.N1 | 08-JUL-2008 13:38:17 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33230 | No |
| 156 | GOM_NL__2PRFIN20080708_134212_000000362070_00110_33230_5659.N1 | 08-JUL-2008 13:42:12 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33230 | No |
| 157 | GOM_NL__2PRFIN20080708_140928_000000332070_00110_33230_5660.N1 | 08-JUL-2008 14:09:28 | Dark | 33.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 66 | 33230 | No |
| 158 | GOM_NL__2PRFIN20080708_141206_000000452070_00110_33230_5661.N1 | 08-JUL-2008 14:12:06 | Dark | 45.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 90 | 33230 | No |
| 159 | GOM_NL__2PRFIN20080708_142048_000000402070_00110_33230_5662.N1 | 08-JUL-2008 14:20:48 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 33230 | No |
| 160 | GOM_NL__2PRFIN20080708_142700_000000502070_00111_33231_5596.N1 | 08-JUL-2008 14:27:00 | Dark | 50.000 | 9 | Alp Eri | 0.45300 | 24000. | 100 | 33231 | No |

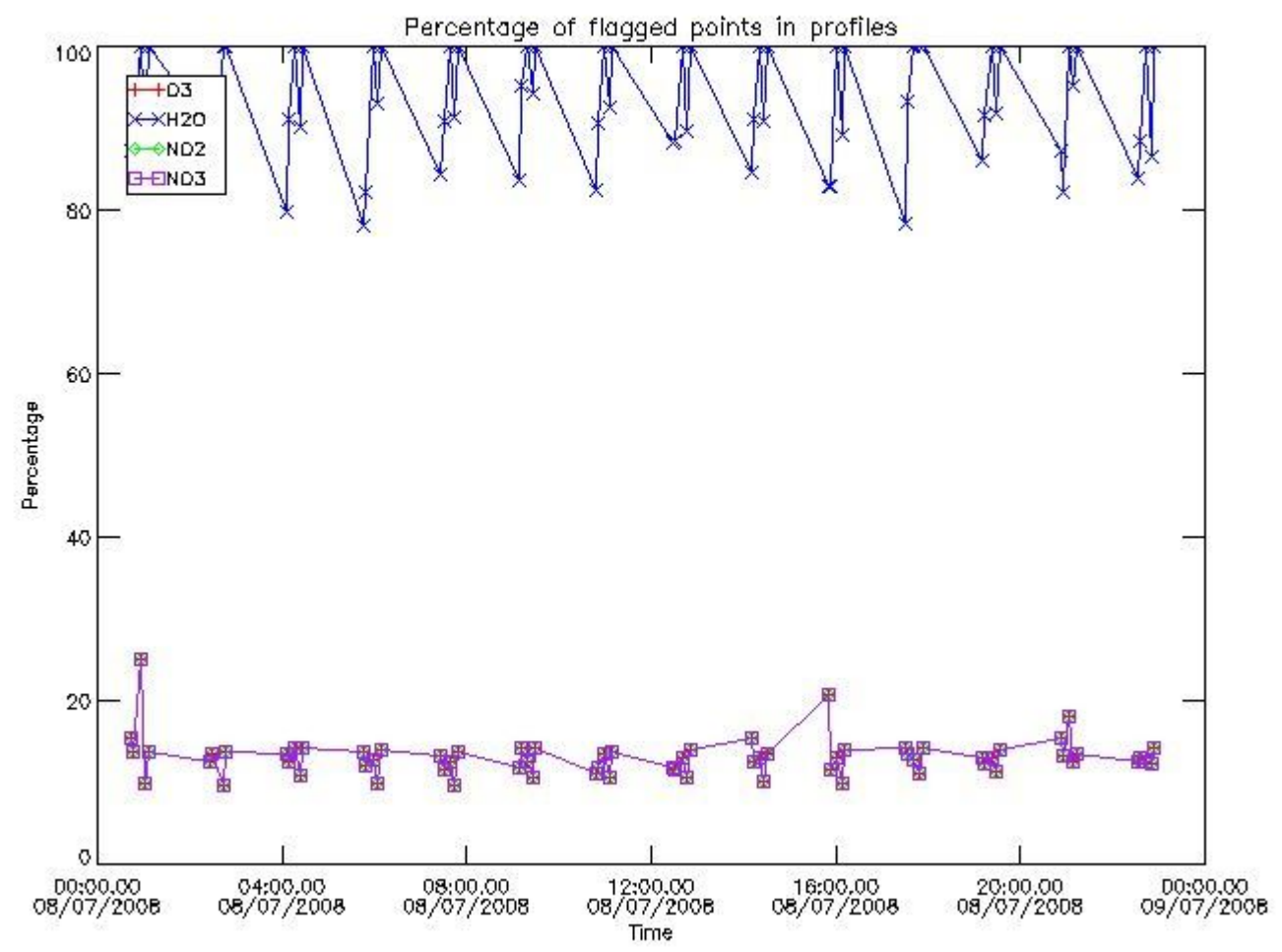
| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20080708_143106_000000382070_00111_33231_5597.N1 | 08-JUL-2008 14:31:06 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 33231 | No |
| 162 | GOM_NL__2PRFIN20080708_143841_000000402070_00111_33231_5598.N1 | 08-JUL-2008 14:38:41 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33231 | No |
| 163 | GOM_NL__2PRFIN20080708_144156_000000382070_00111_33231_5599.N1 | 08-JUL-2008 14:41:56 | Straylight | 37.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 75 | 33231 | No |
| 164 | GOM_NL__2PRFIN20080708_144326_000000372070_00111_33231_5600.N1 | 08-JUL-2008 14:43:26 | Twi_and_stray | 37.000 | 147 | Alp Ara | 2.8770 | 26000. | 74 | 33231 | No |
| 165 | GOM_NL__2PRFIN20080708_144516_000000402070_00111_33231_5601.N1 | 08-JUL-2008 14:45:16 | Twi_and_stray | 39.500 | 40 | The Sco | 1.8590 | 7100.0 | 79 | 33231 | No |
| 166 | GOM_NL__2PRFIN20080708_144656_000000402070_00111_33231_5602.N1 | 08-JUL-2008 14:46:56 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33231 | No |
| 167 | GOM_NL__2PRFIN20080708_144824_000000422070_00111_33231_5603.N1 | 08-JUL-2008 14:48:24 | Bright | 41.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 83 | 33231 | No |
| 168 | GOM_NL__2PRFIN20080708_145305_000000372070_00111_33231_5604.N1 | 08-JUL-2008 14:53:05 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33231 | No |
| 169 | GOM_NL__2PRFIN20080708_145454_000000372070_00111_33231_5605.N1 | 08-JUL-2008 14:54:54 | Bright | 37.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 74 | 33231 | No |
| 170 | GOM_NL__2PRFIN20080708_145829_000000362070_00111_33231_5606.N1 | 08-JUL-2008 14:58:29 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33231 | No |
| 171 | GOM_NL__2PRFIN20080708_150046_000000362070_00111_33231_5607.N1 | 08-JUL-2008 15:00:46 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33231 | No |
| 172 | GOM_NL__2PRFIN20080708_150350_000000352070_00111_33231_5608.N1 | 08-JUL-2008 15:03:50 | Bright | 34.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 69 | 33231 | No |
| 173 | GOM_NL__2PRFIN20080708_150626_000000362070_00111_33231_5609.N1 | 08-JUL-2008 15:06:26 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33231 | No |
| 174 | GOM_NL__2PRFIN20080708_151201_000000372070_00111_33231_5610.N1 | 08-JUL-2008 15:12:01 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 33231 | No |
| 175 | GOM_NL__2PRFIN20080708_151445_000000372070_00111_33231_5611.N1 | 08-JUL-2008 15:14:45 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 33231 | No |
| 176 | GOM_NL__2PRFIN20080708_151854_000000342070_00111_33231_5612.N1 | 08-JUL-2008 15:18:54 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 33231 | No |
| 177 | GOM_NL__2PRFIN20080708_152248_000000352070_00111_33231_5613.N1 | 08-JUL-2008 15:22:48 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 33231 | No |
| 178 | GOM_NL__2PRFIN20080708_155004_000000422070_00111_33231_5614.N1 | 08-JUL-2008 15:50:04 | Dark | 41.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 83 | 33231 | No |
| 179 | GOM_NL__2PRFIN20080708_155242_000000442070_00111_33231_5615.N1 | 08-JUL-2008 15:52:42 | Dark | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 33231 | No |
| 180 | GOM_NL__2PRFIN20080708_160125_000000392070_00111_33231_5616.N1 | 08-JUL-2008 16:01:25 | Dark | 39.000 | 157 | The1Eri | 2.9060 | 9300.0 | 78 | 33231 | No |
| 181 | GOM_NL__2PRFIN20080708_160736_000000512070_00112_33232_5611.N1 | 08-JUL-2008 16:07:36 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 33232 | No |
| 182 | GOM_NL__2PRFIN20080708_161143_000000372070_00112_33232_5612.N1 | 08-JUL-2008 16:11:43 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33232 | No |
| 183 | GOM_NL__2PRFIN20080708_161918_000000402070_00112_33232_5613.N1 | 08-JUL-2008 16:19:18 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33232 | No |
| 184 | GOM_NL__2PRFIN20080708_162402_000000362070_00112_33232_5614.N1 | 08-JUL-2008 16:24:02 | Twi_and_stray | 36.000 | 147 | Alp Ara | 2.8770 | 26000. | 72 | 33232 | No |
| 185 | GOM_NL__2PRFIN20080708_162552_000000422070_00112_33232_5615.N1 | 08-JUL-2008 16:25:52 | Twi_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33232 | No |
| 186 | GOM_NL__2PRFIN20080708_162732_000000422070_00112_33232_5616.N1 | 08-JUL-2008 16:27:32 | Twi_and_stray | 42.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 84 | 33232 | No |
| 187 | GOM_NL__2PRFIN20080708_162900_000000432070_00112_33232_5617.N1 | 08-JUL-2008 16:29:00 | Bright | 43.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 86 | 33232 | No |
| 188 | GOM_NL__2PRFIN20080708_163341_000000372070_00112_33232_5618.N1 | 08-JUL-2008 16:33:41 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33232 | No |
| 189 | GOM_NL__2PRFIN20080708_163905_000000362070_00112_33232_5619.N1 | 08-JUL-2008 16:39:05 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 33232 | No |
| 190 | GOM_NL__2PRFIN20080708_164122_000000372070_00112_33232_5620.N1 | 08-JUL-2008 16:41:22 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 33232 | No |
| 191 | GOM_NL__2PRFIN20080708_164426_000000382070_00112_33232_5621.N1 | 08-JUL-2008 16:44:26 | Bright | 37.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 75 | 33232 | No |
| 192 | GOM_NL__2PRFIN20080708_164702_000000362070_00112_33232_5622.N1 | 08-JUL-2008 16:47:02 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33232 | No |
| 193 | GOM_NL__2PRFIN20080708_165237_000000362070_00112_33232_5623.N1 | 08-JUL-2008 16:52:37 | Bright | 35.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 71 | 33232 | No |
| 194 | GOM_NL__2PRFIN20080708_165521_000000332070_00112_33232_5624.N1 | 08-JUL-2008 16:55:21 | Bright | 33.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 66 | 33232 | No |
| 195 | GOM_NL__2PRFIN20080708_165930_000000322070_00112_33232_5625.N1 | 08-JUL-2008 16:59:30 | Bright | 32.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 64 | 33232 | No |
| 196 | GOM_NL__2PRFIN20080708_170324_000000342070_00112_33232_5626.N1 | 08-JUL-2008 17:03:24 | Bright | 33.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 67 | 33232 | No |
| 197 | GOM_NL__2PRFIN20080708_173041_000000402070_00112_33232_5627.N1 | 08-JUL-2008 17:30:41 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33232 | No |
| 198 | GOM_NL__2PRFIN20080708_173319_000000382070_00112_33232_5628.N1 | 08-JUL-2008 17:33:19 | Dark | 38.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 76 | 33232 | No |
| 199 | GOM_NL__2PRFIN20080708_174201_000000402070_00112_33232_5629.N1 | 08-JUL-2008 17:42:01 | Dark | 40.000 | 157 | The1Eri | 2.9060 | 9300.0 | 80 | 33232 | No |
| 200 | GOM_NL__2PRFIN20080708_174813_000000502070_00113_33233_5615.N1 | 08-JUL-2008 17:48:13 | Dark | 50.000 | 9 | Alp Eri | 0.45300 | 24000. | 100 | 33233 | No |
| 201 | GOM_NL__2PRFIN20080708_175219_000000362070_00113_33233_5616.N1 | 08-JUL-2008 17:52:19 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33233 | No |
| 202 | GOM_NL__2PRFIN20080708_175954_000000392070_00113_33233_5617.N1 | 08-JUL-2008 17:59:54 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33233 | No |
| 203 | GOM_NL__2PRFIN20080708_180438_000000382070_00113_33233_5618.N1 | 08-JUL-2008 18:04:38 | Twi_and_stray | 38.000 | 147 | Alp Ara | 2.8770 | 26000. | 76 | 33233 | No |
| 204 | GOM_NL__2PRFIN20080708_180629_000000412070_00113_33233_5619.N1 | 08-JUL-2008 18:06:29 | Twi_and_stray | 40.500 | 40 | The Sco | 1.8590 | 7100.0 | 81 | 33233 | No |
| 205 | GOM_NL__2PRFIN20080708_180808_000000402070_00113_33233_5620.N1 | 08-JUL-2008 18:08:08 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33233 | No |
| 206 | GOM_NL__2PRFIN20080708_180937_000000422070_00113_33233_5621.N1 | 08-JUL-2008 18:09:37 | Bright | 42.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 84 | 33233 | No |
| 207 | GOM_NL__2PRFIN20080708_181417_000000362070_00113_33233_5622.N1 | 08-JUL-2008 18:14:17 | Bright | 35.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 71 | 33233 | No |
| 208 | GOM_NL__2PRFIN20080708_181941_000000362070_00113_33233_5623.N1 | 08-JUL-2008 18:19:41 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 33233 | No |
| 209 | GOM_NL__2PRFIN20080708_182158_000000362070_00113_33233_5624.N1 | 08-JUL-2008 18:21:58 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33233 | No |
| 210 | GOM_NL__2PRFIN20080708_182502_000000382070_00113_33233_5625.N1 | 08-JUL-2008 18:25:02 | Bright | 37.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 75 | 33233 | No |
| 211 | GOM_NL__2PRFIN20080708_182738_000000352070_00113_33233_5626.N1 | 08-JUL-2008 18:27:38 | Bright | 34.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 69 | 33233 | No |
| 212 | GOM_NL__2PRFIN20080708_183313_000000382070_00113_33233_5627.N1 | 08-JUL-2008 18:33:13 | Bright | 37.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 75 | 33233 | No |
| 213 | GOM_NL__2PRFIN20080708_183557_000000362070_00113_33233_5628.N1 | 08-JUL-2008 18:35:57 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33233 | No |
| 214 | GOM_NL__2PRFIN20080708_184006_000000362070_00113_33233_5629.N1 | 08-JUL-2008 18:40:06 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33233 | No |
| 215 | GOM_NL__2PRFIN20080708_184400_000000352070_00113_33233_5630.N1 | 08-JUL-2008 18:44:00 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 33233 | No |
| 216 | GOM_NL__2PRFIN20080708_191117_000000402070_00113_33233_5631.N1 | 08-JUL-2008 19:11:17 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33233 | No |
| 217 | GOM_NL__2PRFIN20080708_191355_000000422070_00113_33233_5632.N1 | 08-JUL-2008 19:13:55 | Dark | 41.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 83 | 33233 | No |
| 218 | GOM_NL__2PRFIN20080708_192238_000000392070_00113_33233_5633.N1 | 08-JUL-2008 19:22:38 | Dark | 39.000 | 157 | The1Eri | 2.9060 | 9300.0 | 78 | 33233 | No |
| 219 | GOM_NL__2PRFIN20080708_192849_000000502070_00114_33234_5651.N1 | 08-JUL-2008 19:28:49 | Dark | 49.500 | 9 | Alp Eri | 0.45300 | 24000. | 99 | 33234 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20080708_193255_000000372070_00114_33234_5652.N1 | 08-JUL-2008 19:32:55 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33234 | No |
| 221 | GOM_NL__2PRFIN20080708_194031_000000402070_00114_33234_5653.N1 | 08-JUL-2008 19:40:31 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33234 | No |
| 222 | GOM_NL__2PRFIN20080708_194514_000000362070_00114_33234_5654.N1 | 08-JUL-2008 19:45:14 | Twi_and_stray | 36.000 | 147 | Alp Ara | 2.8770 | 26000. | 72 | 33234 | No |
| 223 | GOM_NL__2PRFIN20080708_194705_000000422070_00114_33234_5655.N1 | 08-JUL-2008 19:47:05 | Twi_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33234 | No |
| 224 | GOM_NL__2PRFIN20080708_194844_000000422070_00114_33234_5656.N1 | 08-JUL-2008 19:48:44 | Twi_and_stray | 42.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 84 | 33234 | No |
| 225 | GOM_NL__2PRFIN20080708_195013_000000462070_00114_33234_5657.N1 | 08-JUL-2008 19:50:13 | Bright | 46.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 92 | 33234 | No |
| 226 | GOM_NL__2PRFIN20080708_195453_000000362070_00114_33234_5658.N1 | 08-JUL-2008 19:54:53 | Bright | 35.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 71 | 33234 | No |
| 227 | GOM_NL__2PRFIN20080708_200017_000000362070_00114_33234_5659.N1 | 08-JUL-2008 20:00:17 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 33234 | No |
| 228 | GOM_NL__2PRFIN20080708_200234_000000372070_00114_33234_5660.N1 | 08-JUL-2008 20:02:34 | Bright | 37.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 74 | 33234 | No |
| 229 | GOM_NL__2PRFIN20080708_200538_000000352070_00114_33234_5661.N1 | 08-JUL-2008 20:05:38 | Bright | 34.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 69 | 33234 | No |
| 230 | GOM_NL__2PRFIN20080708_200815_000000362070_00114_33234_5662.N1 | 08-JUL-2008 20:08:15 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33234 | No |
| 231 | GOM_NL__2PRFIN20080708_201349_000000382070_00114_33234_5663.N1 | 08-JUL-2008 20:13:49 | Bright | 37.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 75 | 33234 | No |
| 232 | GOM_NL__2PRFIN20080708_201633_000000372070_00114_33234_5664.N1 | 08-JUL-2008 20:16:33 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 33234 | No |
| 233 | GOM_NL__2PRFIN20080708_202042_000000362070_00114_33234_5665.N1 | 08-JUL-2008 20:20:42 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33234 | No |
| 234 | GOM_NL__2PRFIN20080708_202436_000000332070_00114_33234_5666.N1 | 08-JUL-2008 20:24:36 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 33234 | No |
| 235 | GOM_NL__2PRFIN20080708_205153_000000402070_00114_33234_5667.N1 | 08-JUL-2008 20:51:53 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33234 | No |
| 236 | GOM_NL__2PRFIN20080708_205431_000000432070_00114_33234_5668.N1 | 08-JUL-2008 20:54:31 | Dark | 42.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 85 | 33234 | No |
| 237 | GOM_NL__2PRFIN20080708_210314_000000402070_00114_33234_5669.N1 | 08-JUL-2008 21:03:14 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 33234 | No |
| 238 | GOM_NL__2PRFIN20080708_210926_000000412070_00115_33235_5686.N1 | 08-JUL-2008 21:09:26 | Dark | 41.000 | 9 | Alp Eri | 0.45300 | 24000. | 82 | 33235 | No |
| 239 | GOM_NL__2PRFIN20080708_211331_000000382070_00115_33235_5687.N1 | 08-JUL-2008 21:13:31 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 33235 | No |
| 240 | GOM_NL__2PRFIN20080708_212107_000000392070_00115_33235_5688.N1 | 08-JUL-2008 21:21:07 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33235 | No |
| 241 | GOM_NL__2PRFIN20080708_212550_000000382070_00115_33235_5689.N1 | 08-JUL-2008 21:25:50 | Twi_and_stray | 38.000 | 147 | Alp Ara | 2.8770 | 26000. | 76 | 33235 | No |
| 242 | GOM_NL__2PRFIN20080708_212741_000000392070_00115_33235_5690.N1 | 08-JUL-2008 21:27:41 | Twi_and_stray | 39.000 | 40 | The Sco | 1.8590 | 7100.0 | 78 | 33235 | No |
| 243 | GOM_NL__2PRFIN20080708_212920_000000422070_00115_33235_5691.N1 | 08-JUL-2008 21:29:20 | Twi_and_stray | 41.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 83 | 33235 | No |
| 244 | GOM_NL__2PRFIN20080708_213049_000000442070_00115_33235_5692.N1 | 08-JUL-2008 21:30:49 | Bright | 43.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 87 | 33235 | No |
| 245 | GOM_NL__2PRFIN20080708_213530_000000372070_00115_33235_5693.N1 | 08-JUL-2008 21:35:30 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33235 | No |
| 246 | GOM_NL__2PRFIN20080708_214053_000000372070_00115_33235_5694.N1 | 08-JUL-2008 21:40:53 | Bright | 37.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 74 | 33235 | No |
| 247 | GOM_NL__2PRFIN20080708_214310_000000382070_00115_33235_5695.N1 | 08-JUL-2008 21:43:10 | Bright | 37.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 75 | 33235 | No |
| 248 | GOM_NL__2PRFIN20080708_214614_000000352070_00115_33235_5696.N1 | 08-JUL-2008 21:46:14 | Bright | 34.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 69 | 33235 | No |
| 249 | GOM_NL__2PRFIN20080708_214851_000000362070_00115_33235_5697.N1 | 08-JUL-2008 21:48:51 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33235 | No |
| 250 | GOM_NL__2PRFIN20080708_215425_000000352070_00115_33235_5698.N1 | 08-JUL-2008 21:54:25 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 33235 | No |
| 251 | GOM_NL__2PRFIN20080708_215709_000000522070_00115_33235_5699.N1 | 08-JUL-2008 21:57:09 | Bright | 52.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 104 | 33235 | No |
| 252 | GOM_NL__2PRFIN20080708_220118_000000382070_00115_33235_5700.N1 | 08-JUL-2008 22:01:18 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 33235 | No |
| 253 | GOM_NL__2PRFIN20080708_220512_000000352070_00115_33235_5701.N1 | 08-JUL-2008 22:05:12 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 33235 | No |
| 254 | GOM_NL__2PRFIN20080708_223229_000000412070_00115_33235_5702.N1 | 08-JUL-2008 22:32:29 | Dark | 41.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 82 | 33235 | No |
| 255 | GOM_NL__2PRFIN20080708_223507_000000392070_00115_33235_5703.N1 | 08-JUL-2008 22:35:07 | Dark | 39.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 78 | 33235 | No |
| 256 | GOM_NL__2PRFIN20080708_224351_000000412070_00115_33235_5704.N1 | 08-JUL-2008 22:43:51 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 33235 | No |
| 257 | GOM_NL__2PRFIN20080708_225002_000000422070_00116_33236_5710.N1 | 08-JUL-2008 22:50:02 | Dark | 41.500 | 9 | Alp Eri | 0.45300 | 24000. | 83 | 33236 | No |
| 258 | GOM_NL__2PRFIN20080708_225407_000000362070_00116_33236_5711.N1 | 08-JUL-2008 22:54:07 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33236 | No |
| 259 | GOM_NL__2PRFIN20080708_230143_000000392070_00116_33236_5712.N1 | 08-JUL-2008 23:01:43 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33236 | No |
| 260 | GOM_NL__2PRFIN20080708_230626_000000382070_00116_33236_5713.N1 | 08-JUL-2008 23:06:26 | Twi_and_stray | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33236 | No |
| 261 | GOM_NL__2PRFIN20080708_230817_000000422070_00116_33236_5714.N1 | 08-JUL-2008 23:08:17 | Twi_and_stray | 42.000 | 40 | The Sco | 1.8590 | 7100.0 | 84 | 33236 | No |
| 262 | GOM_NL__2PRFIN20080708_230956_000000432070_00116_33236_5715.N1 | 08-JUL-2008 23:09:56 | Twi_and_stray | 42.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 85 | 33236 | No |
| 263 | GOM_NL__2PRFIN20080708_231125_000000412070_00116_33236_5716.N1 | 08-JUL-2008 23:11:25 | Bright | 40.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 81 | 33236 | No |
| 264 | GOM_NL__2PRFIN20080708_232129_000000352070_00116_33236_5717.N1 | 08-JUL-2008 23:21:29 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33236 | No |
| 265 | GOM_NL__2PRFIN20080708_232346_000000352070_00116_33236_5718.N1 | 08-JUL-2008 23:23:46 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 33236 | No |
| 266 | GOM_NL__2PRFIN20080708_232651_000000362070_00116_33236_5719.N1 | 08-JUL-2008 23:26:51 | Bright | 35.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 71 | 33236 | No |
| 267 | GOM_NL__2PRFIN20080708_232927_000000372070_00116_33236_5720.N1 | 08-JUL-2008 23:29:27 | Bright | 37.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 74 | 33236 | No |
| 268 | GOM_NL__2PRFIN20080708_233455_000000272070_00116_33236_5721.N1 | 08-JUL-2008 23:34:55 | Bright | 27.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 54 | 33236 | No |
| 269 | GOM_NL__2PRFIN20080708_233745_000000332070_00116_33236_5722.N1 | 08-JUL-2008 23:37:45 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 33236 | No |
| 270 | GOM_NL__2PRFIN20080708_234154_000000342070_00116_33236_5723.N1 | 08-JUL-2008 23:41:54 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 33236 | No |
| 271 | GOM_NL__2PRFIN20080708_234548_000000362070_00116_33236_5724.N1 | 08-JUL-2008 23:45:48 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33236 | No |

3. Quality information per product

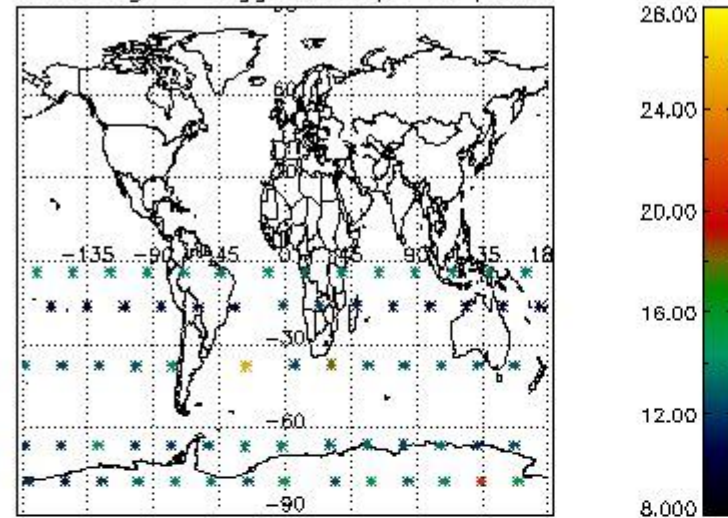
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

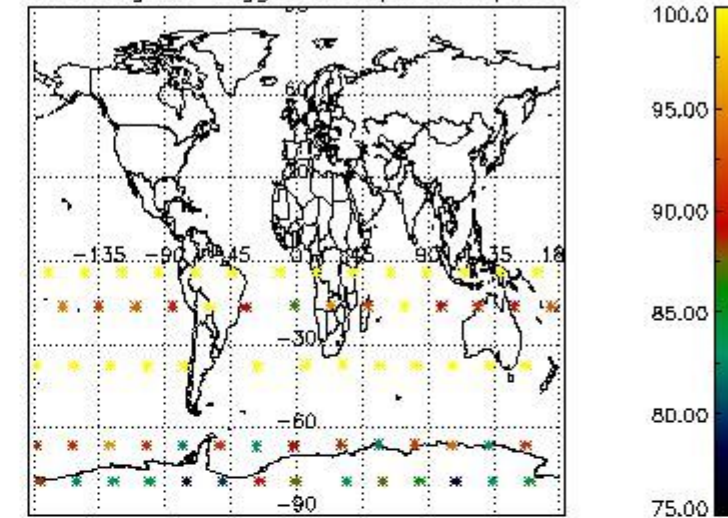


3.2 Plot quality information per product (world map)

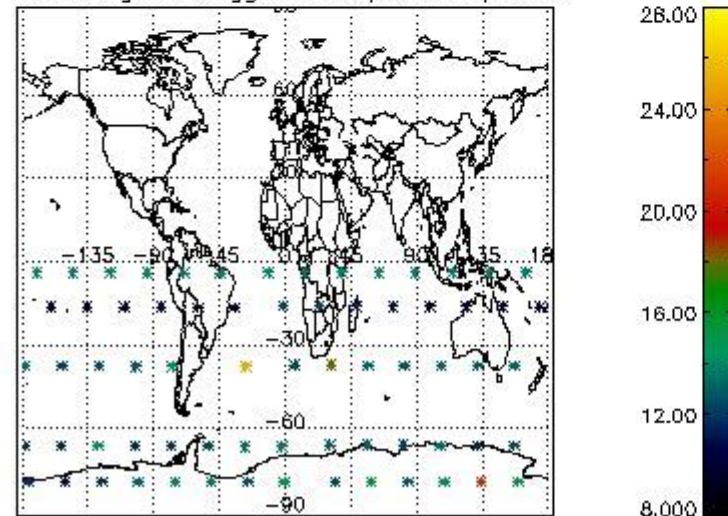
Percentage of flagged data per O3 profile



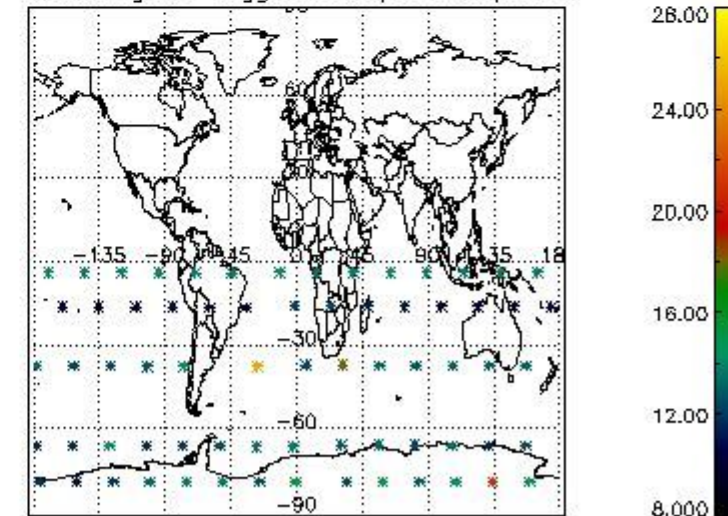
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

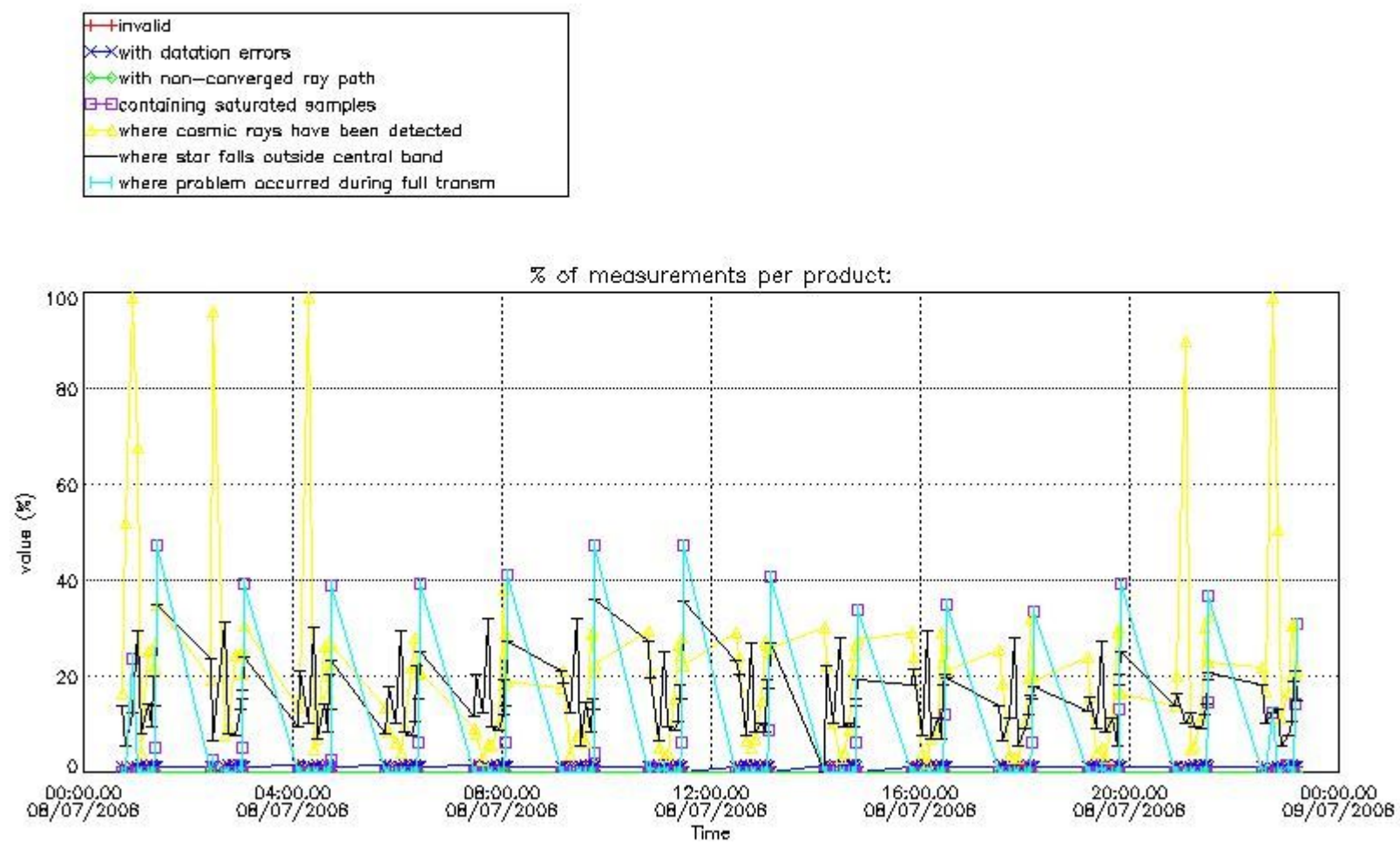


4. Level 1 quality information per product

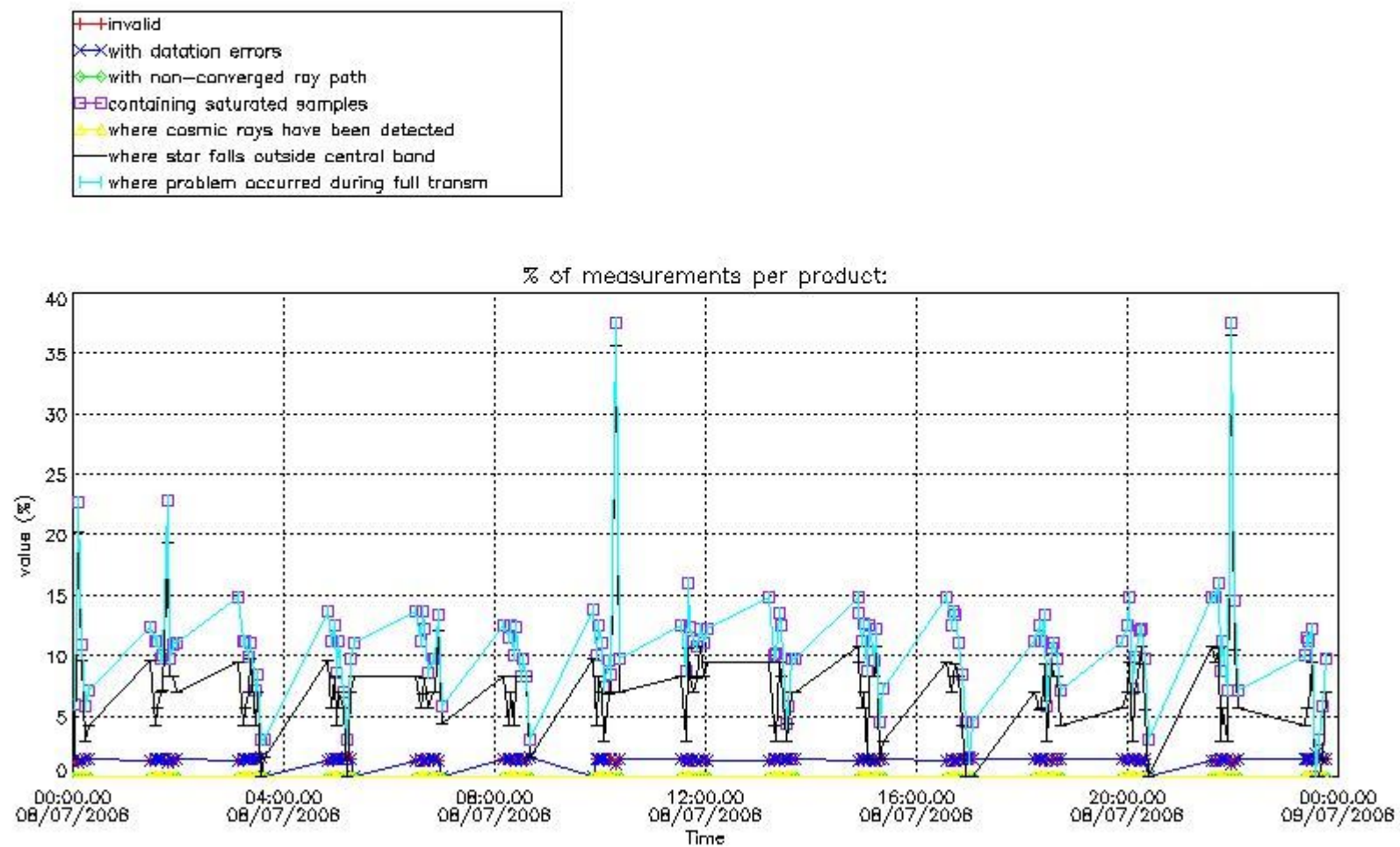
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



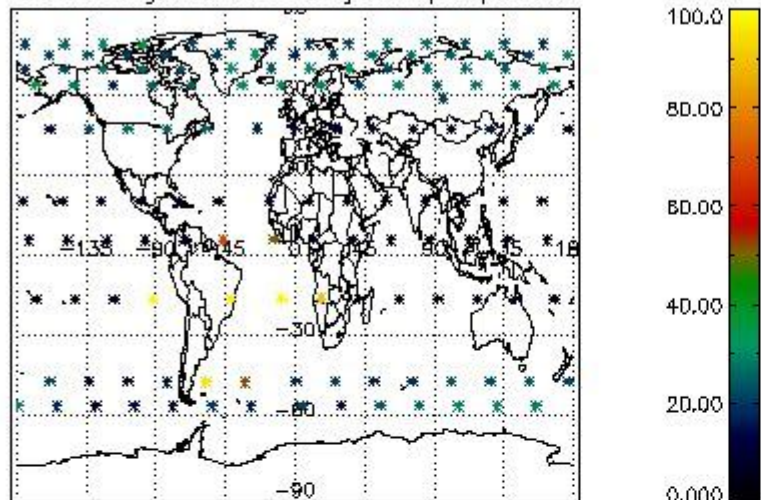
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



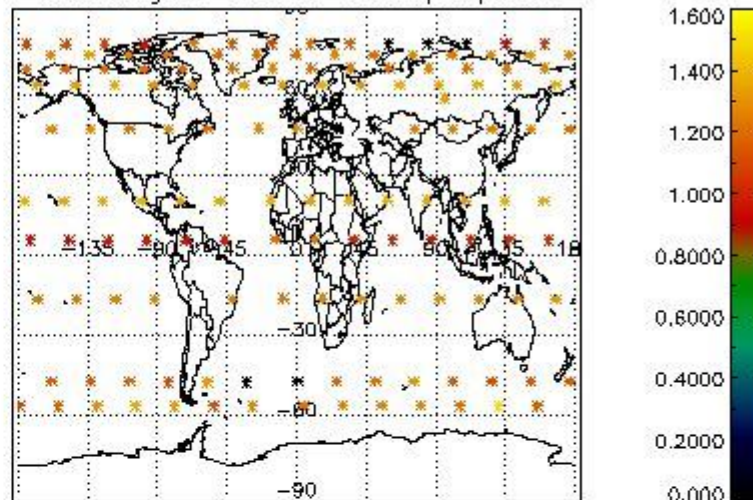
4.2 Plot quality information per product coming from level 1b processing (world map)

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

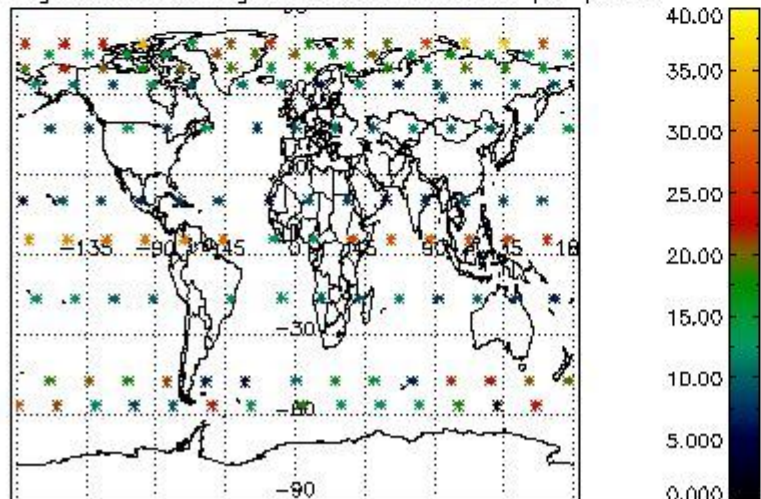
Percentage of cosmic ray hits per profile



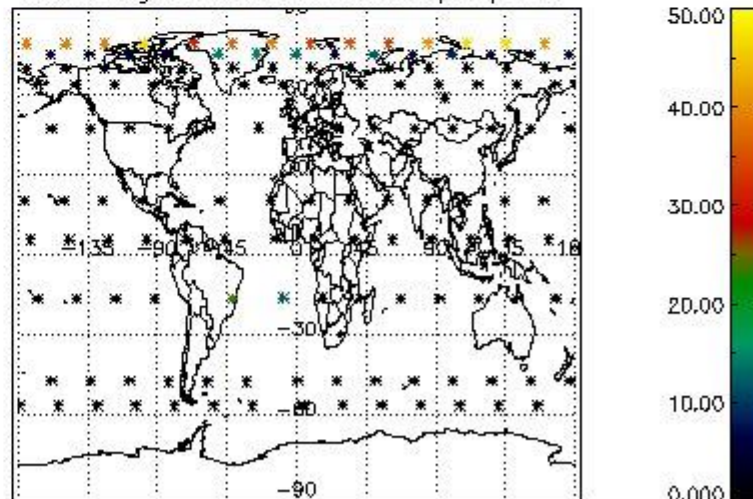
Percentage of datation errors per profile



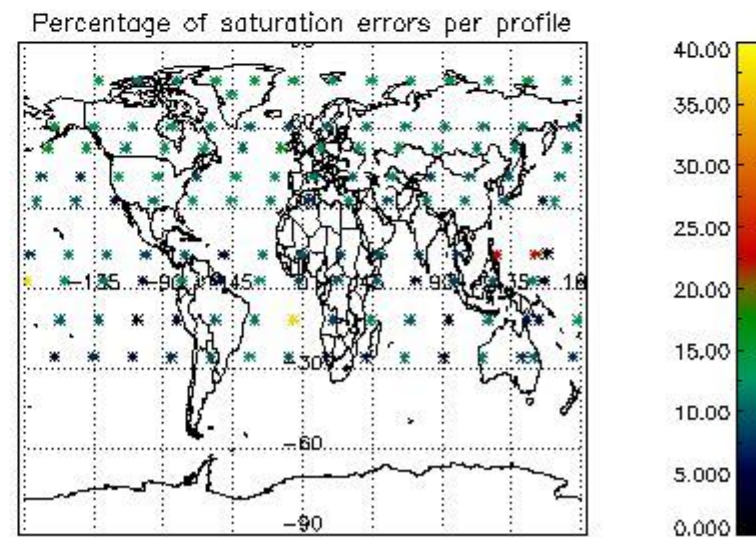
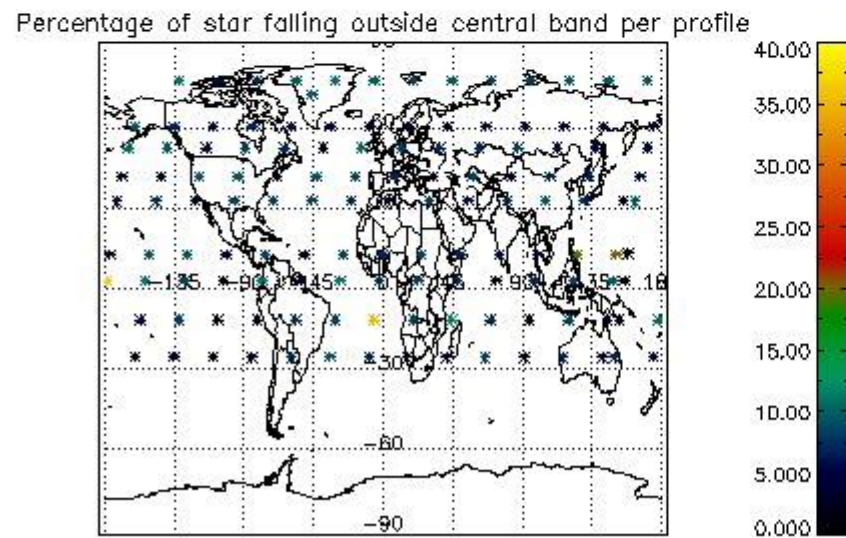
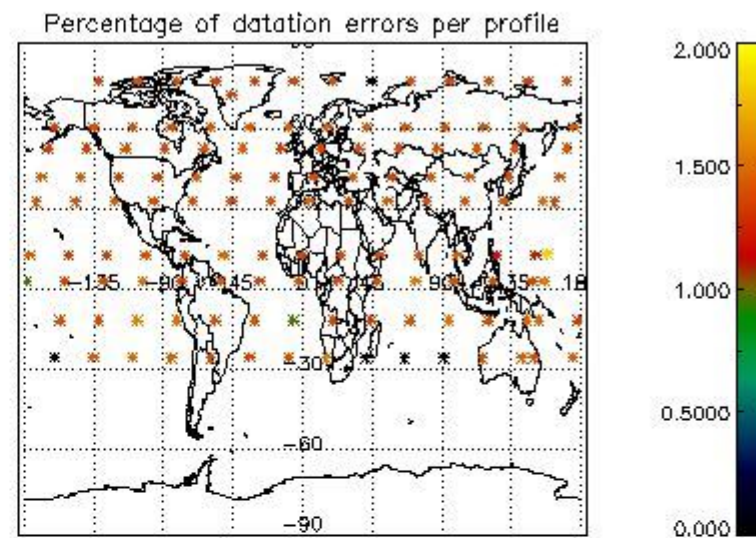
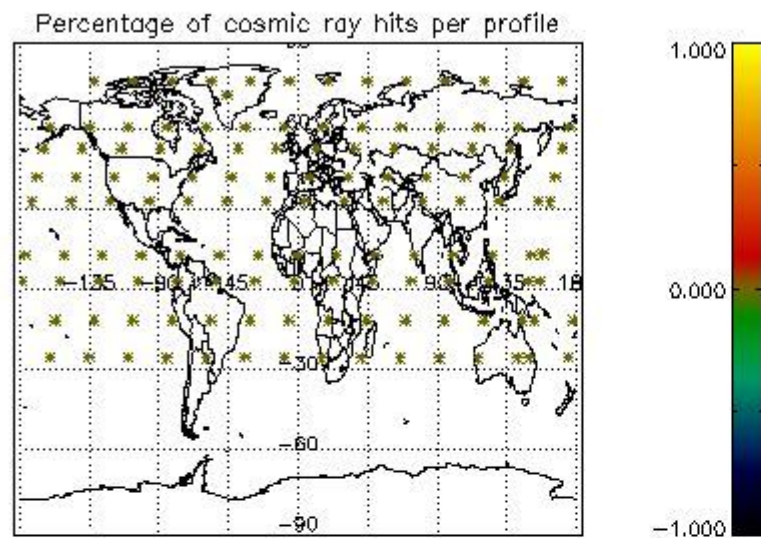
Percentage of star falling outside central band per profile



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

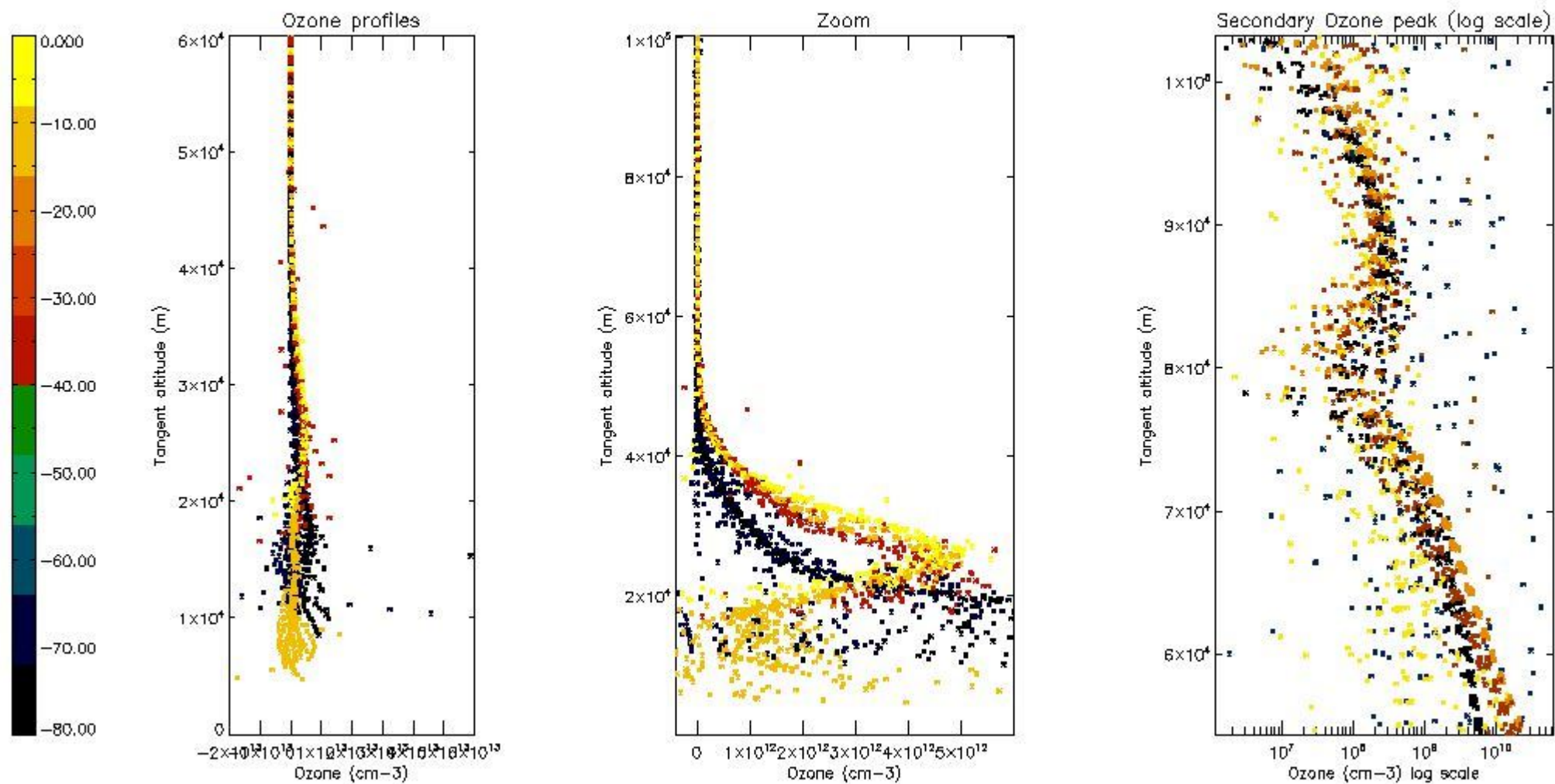
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 29 |
| STD < 20 | 14 |

| | |
|----------|----|
| STD < 10 | 10 |
| STD < 5 | 7 |

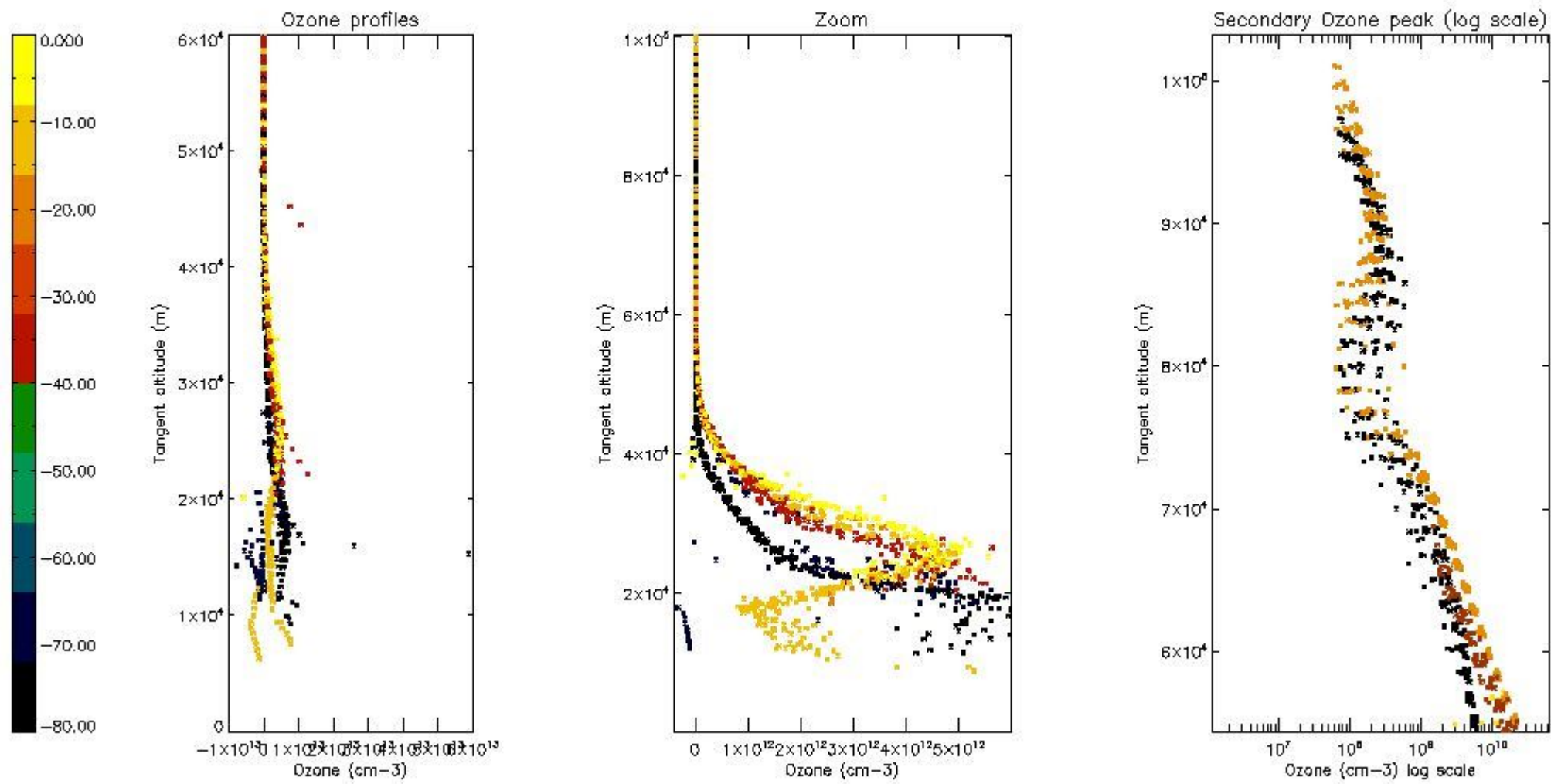
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



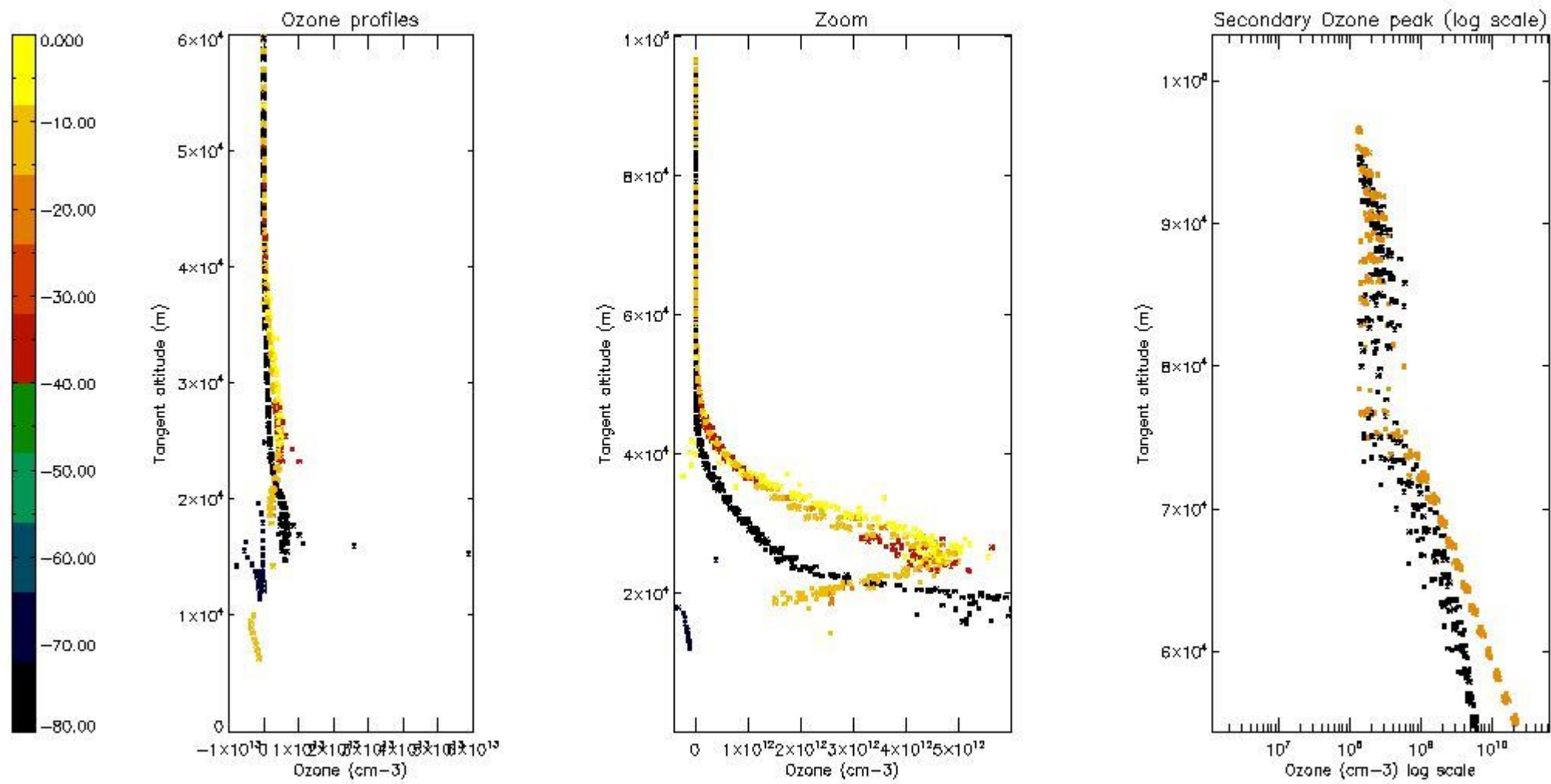
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



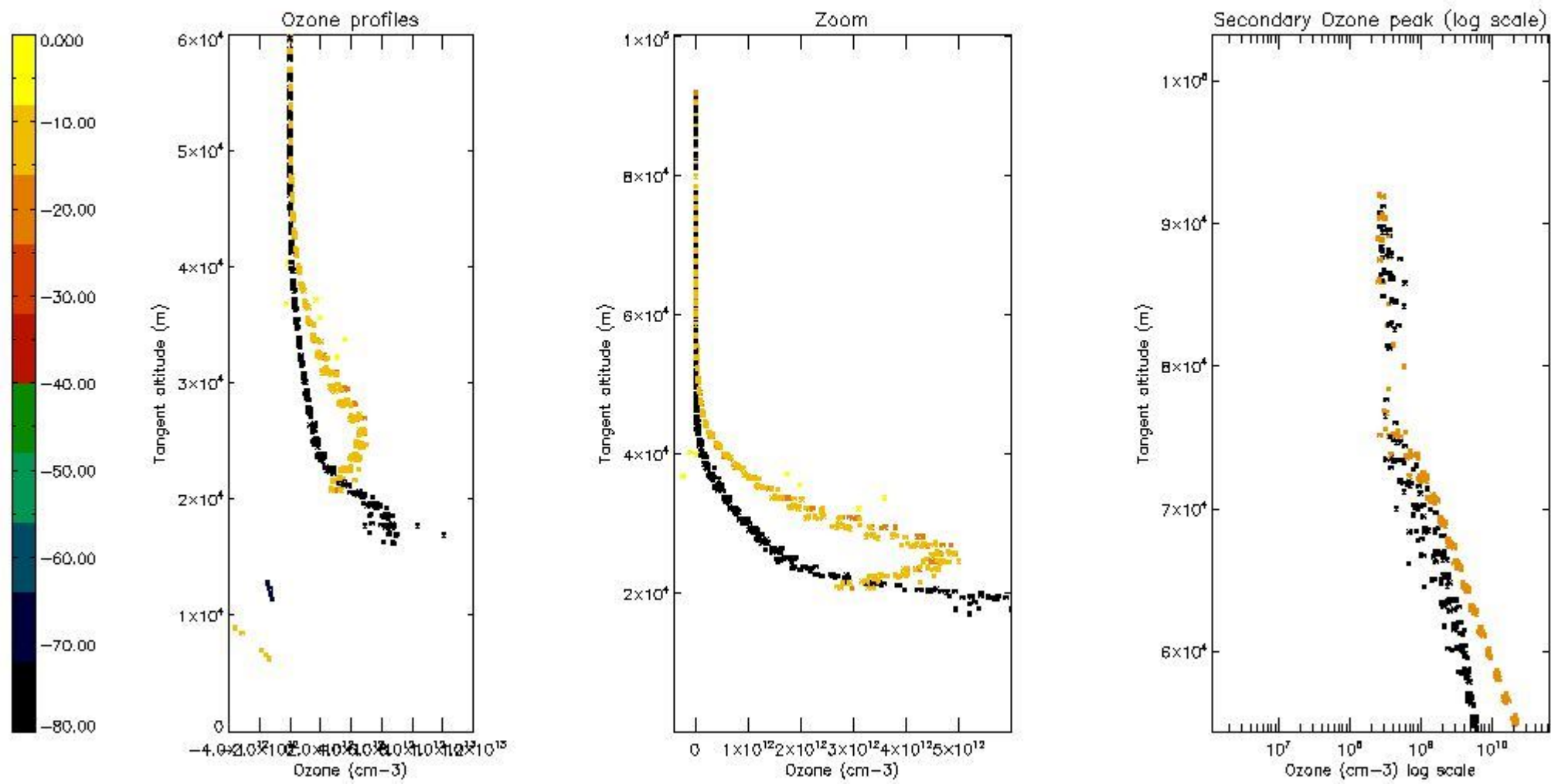
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



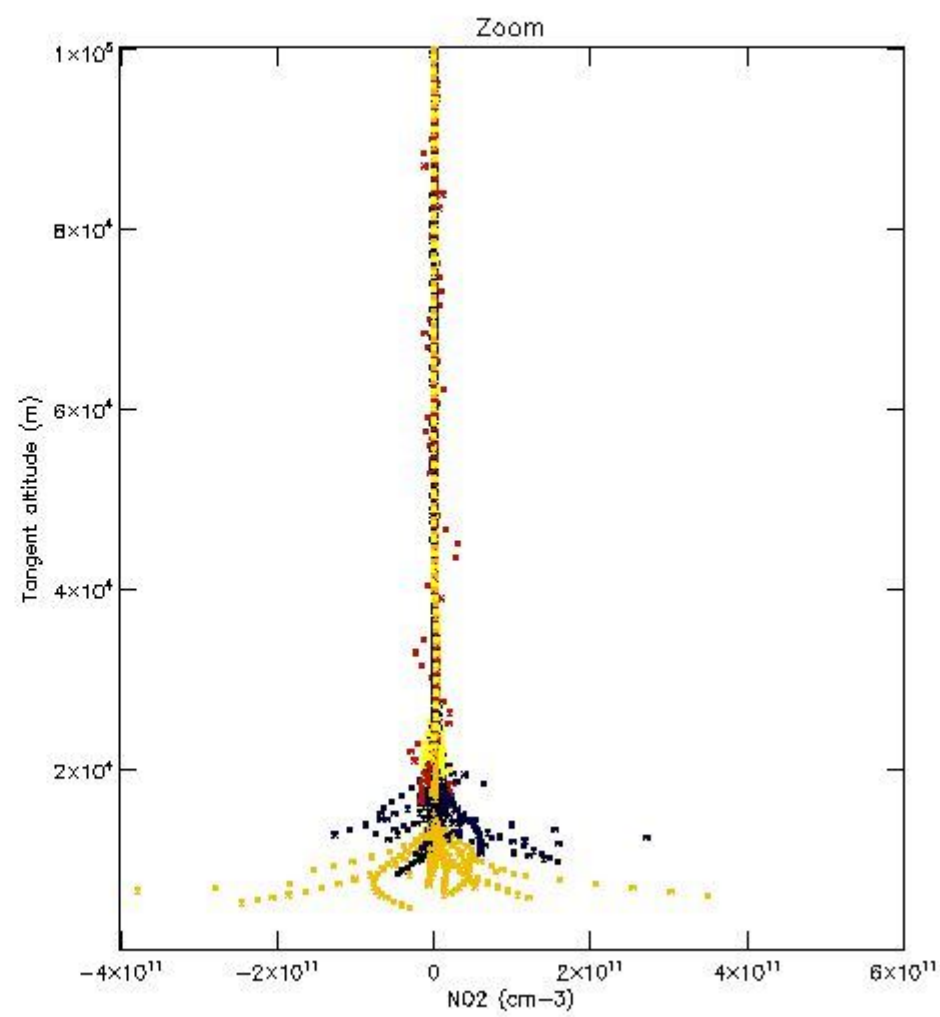
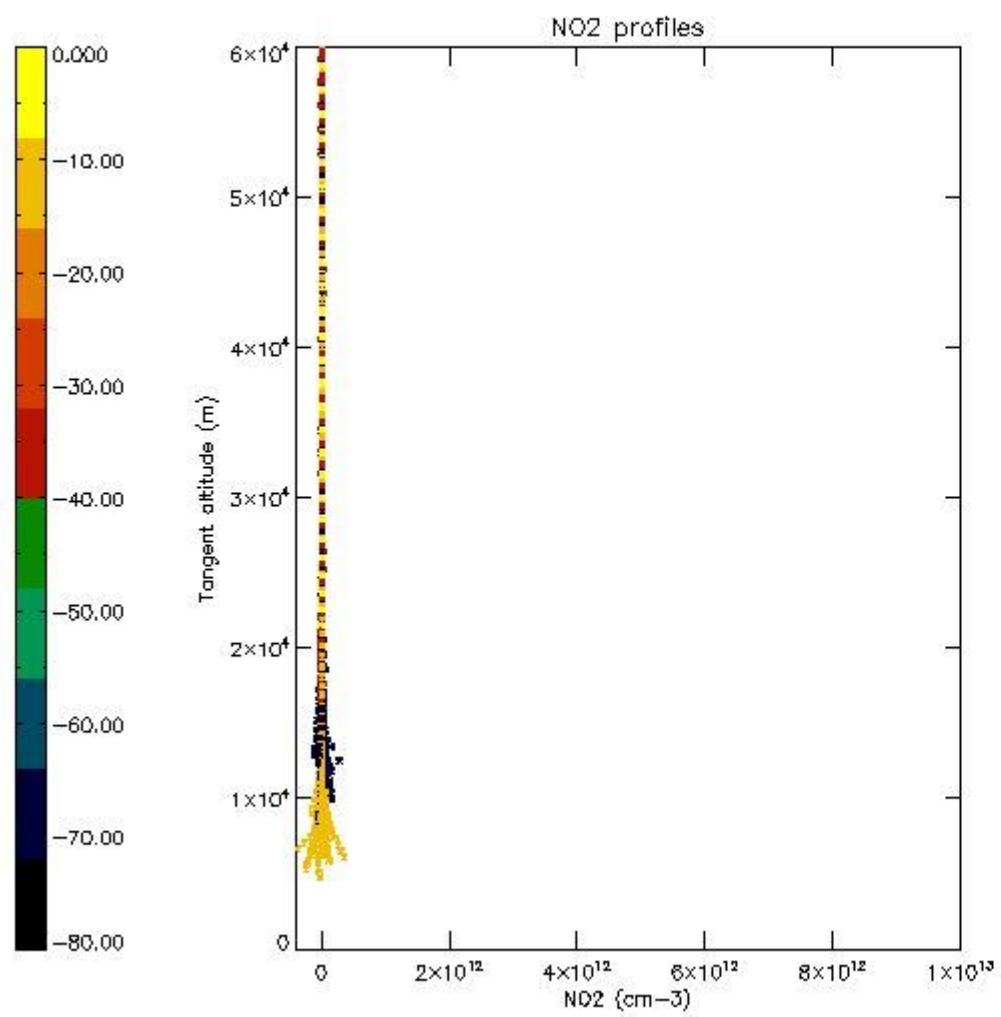
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



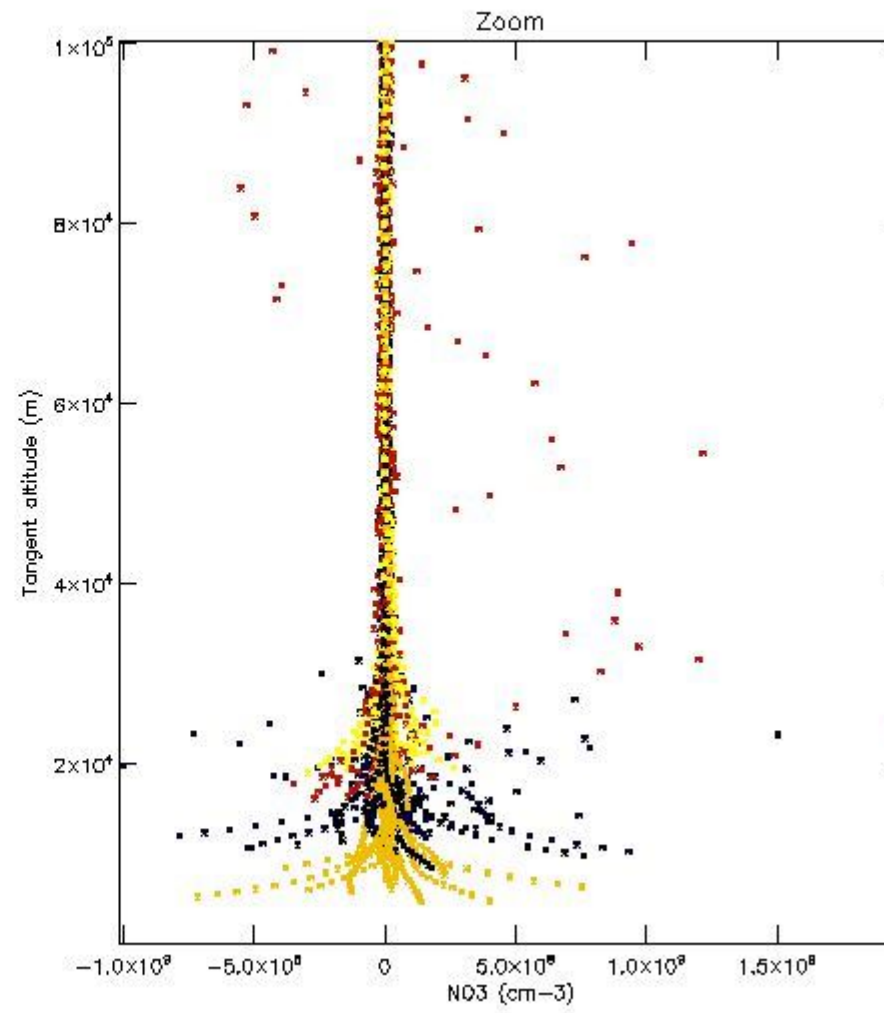
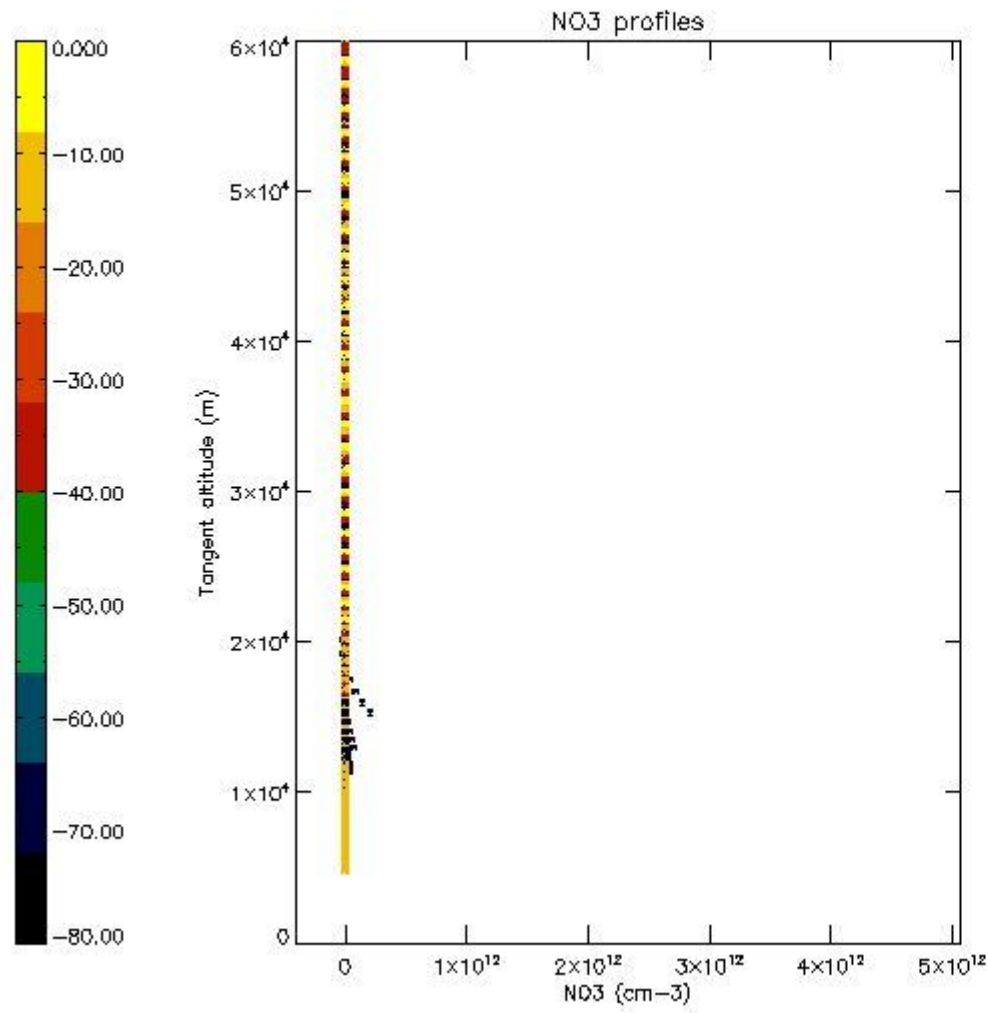
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 08-JUL-2008 00:01:01 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 08-JUL-2008 00:01:01 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 08-JUL-2008 00:01:01 |

GOMOS Level 2 Daily Report

SUMMARY

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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 17:09:21 |
| Data source version | GOMOS/6.01 |
| Start time of products | 08-07-2008 (08JUL2008 00:00:00) |
| Stop time of products | 09-07-2008 (09JUL2008 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 271 |
| 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__2PRFIN20080708_000101_000000342070_00102_33222_5438.N1 | 08-JUL-2008 00:01:01 | Bright | 33.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 67 | 33222 | No |
| 2 | GOM_NL__2PRFIN20080708_000638_000000422070_00102_33222_5439.N1 | 08-JUL-2008 00:06:38 | Bright | 42.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 84 | 33222 | No |
| 3 | GOM_NL__2PRFIN20080708_000921_000000372070_00102_33222_5440.N1 | 08-JUL-2008 00:09:21 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 33222 | No |
| 4 | GOM_NL__2PRFIN20080708_001329_000000342070_00102_33222_5441.N1 | 08-JUL-2008 00:13:29 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 33222 | No |
| 5 | GOM_NL__2PRFIN20080708_001725_000000352070_00102_33222_5442.N1 | 08-JUL-2008 00:17:25 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 33222 | No |
| 6 | GOM_NL__2PRFIN20080708_004440_000000402070_00102_33222_5443.N1 | 08-JUL-2008 00:44:40 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33222 | No |
| 7 | GOM_NL__2PRFIN20080708_004715_000000372070_00102_33222_5444.N1 | 08-JUL-2008 00:47:15 | Dark | 36.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 73 | 33222 | No |
| 8 | GOM_NL__2PRFIN20080708_005556_000000412070_00102_33222_5445.N1 | 08-JUL-2008 00:55:56 | Dark | 40.500 | 157 | The1Eri | 2.9060 | 9300.0 | 81 | 33222 | No |
| 9 | GOM_NL__2PRFIN20080708_010208_000000512070_00103_33223_5475.N1 | 08-JUL-2008 01:02:08 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 33223 | No |
| 10 | GOM_NL__2PRFIN20080708_010617_000000372070_00103_33223_5476.N1 | 08-JUL-2008 01:06:17 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33223 | No |
| 11 | GOM_NL__2PRFIN20080708_011350_000000422070_00103_33223_5477.N1 | 08-JUL-2008 01:13:50 | Straylight | 42.000 | 45 | Alp Pav | 1.9400 | 26000. | 84 | 33223 | No |
| 12 | GOM_NL__2PRFIN20080708_011837_000000382070_00103_33223_5478.N1 | 08-JUL-2008 01:18:37 | Twilight | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33223 | No |
| 13 | GOM_NL__2PRFIN20080708_012027_000000432070_00103_33223_5479.N1 | 08-JUL-2008 01:20:27 | Twilight | 42.500 | 40 | The Sco | 1.8590 | 7100.0 | 85 | 33223 | No |
| 14 | GOM_NL__2PRFIN20080708_012207_000000402070_00103_33223_5480.N1 | 08-JUL-2008 01:22:07 | Twilight | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33223 | No |
| 15 | GOM_NL__2PRFIN20080708_012335_000000532070_00103_33223_5481.N1 | 08-JUL-2008 01:23:35 | Bright | 53.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 106 | 33223 | No |
| 16 | GOM_NL__2PRFIN20080708_012816_000000372070_00103_33223_5482.N1 | 08-JUL-2008 01:28:16 | Bright | 36.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 73 | 33223 | No |
| 17 | GOM_NL__2PRFIN20080708_013341_000000362070_00103_33223_5483.N1 | 08-JUL-2008 01:33:41 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33223 | No |
| 18 | GOM_NL__2PRFIN20080708_013558_000000362070_00103_33223_5484.N1 | 08-JUL-2008 01:35:58 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33223 | No |
| 19 | GOM_NL__2PRFIN20080708_013900_000000362070_00103_33223_5485.N1 | 08-JUL-2008 01:39:00 | Bright | 36.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 72 | 33223 | No |
| 20 | GOM_NL__2PRFIN20080708_014137_000000352070_00103_33223_5486.N1 | 08-JUL-2008 01:41:37 | Bright | 35.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 70 | 33223 | No |
| 21 | GOM_NL__2PRFIN20080708_014714_000000422070_00103_33223_5487.N1 | 08-JUL-2008 01:47:14 | Bright | 41.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 83 | 33223 | No |
| 22 | GOM_NL__2PRFIN20080708_014957_000000362070_00103_33223_5488.N1 | 08-JUL-2008 01:49:57 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33223 | No |
| 23 | GOM_NL__2PRFIN20080708_015405_000000372070_00103_33223_5489.N1 | 08-JUL-2008 01:54:05 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 33223 | No |
| 24 | GOM_NL__2PRFIN20080708_015801_000000362070_00103_33223_5490.N1 | 08-JUL-2008 01:58:01 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33223 | No |
| 25 | GOM_NL__2PRFIN20080708_022516_000000452070_00103_33223_5491.N1 | 08-JUL-2008 02:25:16 | Dark | 44.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 89 | 33223 | No |
| 26 | GOM_NL__2PRFIN20080708_022752_000000382070_00103_33223_5492.N1 | 08-JUL-2008 02:27:52 | Dark | 38.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 76 | 33223 | No |
| 27 | GOM_NL__2PRFIN20080708_024244_000000532070_00104_33224_5473.N1 | 08-JUL-2008 02:42:44 | Dark | 52.500 | 9 | Alp Eri | 0.45300 | 24000. | 105 | 33224 | No |
| 28 | GOM_NL__2PRFIN20080708_024653_000000372070_00104_33224_5474.N1 | 08-JUL-2008 02:46:53 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33224 | No |
| 29 | GOM_NL__2PRFIN20080708_025427_000000392070_00104_33224_5475.N1 | 08-JUL-2008 02:54:27 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33224 | No |
| 30 | GOM_NL__2PRFIN20080708_025913_000000392070_00104_33224_5476.N1 | 08-JUL-2008 02:59:13 | Twilight | 38.500 | 147 | Alp Ara | 2.8770 | 26000. | 77 | 33224 | No |
| 31 | GOM_NL__2PRFIN20080708_030104_000000412070_00104_33224_5477.N1 | 08-JUL-2008 03:01:04 | Twilight | 41.000 | 40 | The Sco | 1.8590 | 7100.0 | 82 | 33224 | No |
| 32 | GOM_NL__2PRFIN20080708_030243_000000402070_00104_33224_5478.N1 | 08-JUL-2008 03:02:43 | Twilight | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33224 | No |
| 33 | GOM_NL__2PRFIN20080708_030411_000000462070_00104_33224_5479.N1 | 08-JUL-2008 03:04:11 | Bright | 46.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 92 | 33224 | No |
| 34 | GOM_NL__2PRFIN20080708_030852_000000372070_00104_33224_5480.N1 | 08-JUL-2008 03:08:52 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33224 | No |
| 35 | GOM_NL__2PRFIN20080708_031417_000000362070_00104_33224_5481.N1 | 08-JUL-2008 03:14:17 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33224 | No |
| 36 | GOM_NL__2PRFIN20080708_031634_000000362070_00104_33224_5482.N1 | 08-JUL-2008 03:16:34 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33224 | No |
| 37 | GOM_NL__2PRFIN20080708_031936_000000362070_00104_33224_5483.N1 | 08-JUL-2008 03:19:36 | Bright | 35.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 71 | 33224 | No |
| 38 | GOM_NL__2PRFIN20080708_032213_000000362070_00104_33224_5484.N1 | 08-JUL-2008 03:22:13 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33224 | No |
| 39 | GOM_NL__2PRFIN20080708_032750_000000352070_00104_33224_5485.N1 | 08-JUL-2008 03:27:50 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 33224 | No |
| 40 | GOM_NL__2PRFIN20080708_033032_000000362070_00104_33224_5486.N1 | 08-JUL-2008 03:30:32 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 33224 | No |
| 41 | GOM_NL__2PRFIN20080708_033441_000000332070_00104_33224_5487.N1 | 08-JUL-2008 03:34:41 | Bright | 32.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 65 | 33224 | No |
| 42 | GOM_NL__2PRFIN20080708_033837_000000332070_00104_33224_5488.N1 | 08-JUL-2008 03:38:37 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 33224 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20080708_040552_000000382070_00104_33224_5489.N1 | 08-JUL-2008 04:05:52 | Dark | 37.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 75 | 33224 | No |
| 44 | GOM_NL__2PRFIN20080708_040828_000000452070_00104_33224_5490.N1 | 08-JUL-2008 04:08:28 | Dark | 45.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 90 | 33224 | No |
| 45 | GOM_NL__2PRFIN20080708_041709_000000402070_00104_33224_5491.N1 | 08-JUL-2008 04:17:09 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 33224 | No |
| 46 | GOM_NL__2PRFIN20080708_042321_000000522070_00105_33225_5500.N1 | 08-JUL-2008 04:23:21 | Dark | 51.500 | 9 | Alp Eri | 0.45300 | 24000. | 103 | 33225 | No |
| 47 | GOM_NL__2PRFIN20080708_042729_000000362070_00105_33225_5501.N1 | 08-JUL-2008 04:27:29 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33225 | No |
| 48 | GOM_NL__2PRFIN20080708_043503_000000422070_00105_33225_5502.N1 | 08-JUL-2008 04:35:03 | Straylight | 42.000 | 45 | Alp Pav | 1.9400 | 26000. | 84 | 33225 | No |
| 49 | GOM_NL__2PRFIN20080708_043950_000000372070_00105_33225_5503.N1 | 08-JUL-2008 04:39:50 | Twi_and_stray | 36.500 | 147 | Alp Ara | 2.8770 | 26000. | 73 | 33225 | No |
| 50 | GOM_NL__2PRFIN20080708_044140_000000422070_00105_33225_5504.N1 | 08-JUL-2008 04:41:40 | Twi_and_stray | 42.000 | 40 | The Sco | 1.8590 | 7100.0 | 84 | 33225 | No |
| 51 | GOM_NL__2PRFIN20080708_044319_000000382070_00105_33225_5505.N1 | 08-JUL-2008 04:43:19 | Twi_and_stray | 38.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 76 | 33225 | No |
| 52 | GOM_NL__2PRFIN20080708_044448_000000452070_00105_33225_5506.N1 | 08-JUL-2008 04:44:48 | Bright | 45.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 90 | 33225 | No |
| 53 | GOM_NL__2PRFIN20080708_044929_000000372070_00105_33225_5507.N1 | 08-JUL-2008 04:49:29 | Bright | 36.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 73 | 33225 | No |
| 54 | GOM_NL__2PRFIN20080708_045453_000000362070_00105_33225_5508.N1 | 08-JUL-2008 04:54:53 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33225 | No |
| 55 | GOM_NL__2PRFIN20080708_045710_000000362070_00105_33225_5509.N1 | 08-JUL-2008 04:57:10 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 33225 | No |
| 56 | GOM_NL__2PRFIN20080708_050013_000000352070_00105_33225_5510.N1 | 08-JUL-2008 05:00:13 | Bright | 35.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 70 | 33225 | No |
| 57 | GOM_NL__2PRFIN20080708_050250_000000362070_00105_33225_5511.N1 | 08-JUL-2008 05:02:50 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33225 | No |
| 58 | GOM_NL__2PRFIN20080708_050826_000000362070_00105_33225_5512.N1 | 08-JUL-2008 05:08:26 | Bright | 35.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 71 | 33225 | No |
| 59 | GOM_NL__2PRFIN20080708_051109_000000332070_00105_33225_5513.N1 | 08-JUL-2008 05:11:09 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 33225 | No |
| 60 | GOM_NL__2PRFIN20080708_051517_000000362070_00105_33225_5514.N1 | 08-JUL-2008 05:15:17 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33225 | No |
| 61 | GOM_NL__2PRFIN20080708_051913_000000362070_00105_33225_5515.N1 | 08-JUL-2008 05:19:13 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33225 | No |
| 62 | GOM_NL__2PRFIN20080708_054628_000000372070_00105_33225_5516.N1 | 08-JUL-2008 05:46:28 | Dark | 37.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 74 | 33225 | No |
| 63 | GOM_NL__2PRFIN20080708_054904_000000432070_00105_33225_5517.N1 | 08-JUL-2008 05:49:04 | Dark | 42.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 85 | 33225 | No |
| 64 | GOM_NL__2PRFIN20080708_055746_000000402070_00105_33225_5518.N1 | 08-JUL-2008 05:57:46 | Dark | 40.000 | 157 | The1Eri | 2.9060 | 9300.0 | 80 | 33225 | No |
| 65 | GOM_NL__2PRFIN20080708_060357_000000512070_00106_33226_5498.N1 | 08-JUL-2008 06:03:57 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 33226 | No |
| 66 | GOM_NL__2PRFIN20080708_060805_000000372070_00106_33226_5499.N1 | 08-JUL-2008 06:08:05 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33226 | No |
| 67 | GOM_NL__2PRFIN20080708_061540_000000392070_00106_33226_5500.N1 | 08-JUL-2008 06:15:40 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33226 | No |
| 68 | GOM_NL__2PRFIN20080708_062026_000000382070_00106_33226_5501.N1 | 08-JUL-2008 06:20:26 | Twi_and_stray | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33226 | No |
| 69 | GOM_NL__2PRFIN20080708_062216_000000432070_00106_33226_5502.N1 | 08-JUL-2008 06:22:16 | Twi_and_stray | 43.000 | 40 | The Sco | 1.8590 | 7100.0 | 86 | 33226 | No |
| 70 | GOM_NL__2PRFIN20080708_062356_000000402070_00106_33226_5503.N1 | 08-JUL-2008 06:23:56 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33226 | No |
| 71 | GOM_NL__2PRFIN20080708_062524_000000462070_00106_33226_5504.N1 | 08-JUL-2008 06:25:24 | Bright | 46.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 92 | 33226 | No |
| 72 | GOM_NL__2PRFIN20080708_063005_000000372070_00106_33226_5505.N1 | 08-JUL-2008 06:30:05 | Bright | 36.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 73 | 33226 | No |
| 73 | GOM_NL__2PRFIN20080708_063529_000000362070_00106_33226_5506.N1 | 08-JUL-2008 06:35:29 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33226 | No |
| 74 | GOM_NL__2PRFIN20080708_063746_000000372070_00106_33226_5507.N1 | 08-JUL-2008 06:37:46 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 33226 | No |
| 75 | GOM_NL__2PRFIN20080708_064049_000000372070_00106_33226_5508.N1 | 08-JUL-2008 06:40:49 | Bright | 37.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 74 | 33226 | No |
| 76 | GOM_NL__2PRFIN20080708_064326_000000352070_00106_33226_5509.N1 | 08-JUL-2008 06:43:26 | Bright | 35.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 70 | 33226 | No |
| 77 | GOM_NL__2PRFIN20080708_064902_000000362070_00106_33226_5510.N1 | 08-JUL-2008 06:49:02 | Bright | 36.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 72 | 33226 | No |
| 78 | GOM_NL__2PRFIN20080708_065145_000000362070_00106_33226_5511.N1 | 08-JUL-2008 06:51:45 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33226 | No |
| 79 | GOM_NL__2PRFIN20080708_065553_000000382070_00106_33226_5512.N1 | 08-JUL-2008 06:55:53 | Bright | 37.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 75 | 33226 | No |
| 80 | GOM_NL__2PRFIN20080708_065949_000000342070_00106_33226_5513.N1 | 08-JUL-2008 06:59:49 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 33226 | No |
| 81 | GOM_NL__2PRFIN20080708_072704_000000392070_00106_33226_5514.N1 | 08-JUL-2008 07:27:04 | Dark | 38.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 77 | 33226 | No |
| 82 | GOM_NL__2PRFIN20080708_072941_000000442070_00106_33226_5515.N1 | 08-JUL-2008 07:29:41 | Dark | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 33226 | No |
| 83 | GOM_NL__2PRFIN20080708_073823_000000412070_00106_33226_5516.N1 | 08-JUL-2008 07:38:23 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 33226 | No |
| 84 | GOM_NL__2PRFIN20080708_074434_000000532070_00107_33227_5550.N1 | 08-JUL-2008 07:44:34 | Dark | 53.000 | 9 | Alp Eri | 0.45300 | 24000. | 106 | 33227 | No |
| 85 | GOM_NL__2PRFIN20080708_074842_000000372070_00107_33227_5551.N1 | 08-JUL-2008 07:48:42 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33227 | No |
| 86 | GOM_NL__2PRFIN20080708_075616_000000402070_00107_33227_5552.N1 | 08-JUL-2008 07:56:16 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 33227 | No |
| 87 | GOM_NL__2PRFIN20080708_080102_000000382070_00107_33227_5553.N1 | 08-JUL-2008 08:01:02 | Twi_and_stray | 38.000 | 147 | Alp Ara | 2.8770 | 26000. | 76 | 33227 | No |
| 88 | GOM_NL__2PRFIN20080708_080252_000000422070_00107_33227_5554.N1 | 08-JUL-2008 08:02:52 | Twi_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33227 | No |
| 89 | GOM_NL__2PRFIN20080708_080432_000000402070_00107_33227_5555.N1 | 08-JUL-2008 08:04:32 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33227 | No |
| 90 | GOM_NL__2PRFIN20080708_080600_000000482070_00107_33227_5556.N1 | 08-JUL-2008 08:06:00 | Bright | 47.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 95 | 33227 | No |
| 91 | GOM_NL__2PRFIN20080708_081041_000000362070_00107_33227_5557.N1 | 08-JUL-2008 08:10:41 | Bright | 36.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 72 | 33227 | No |
| 92 | GOM_NL__2PRFIN20080708_081605_000000352070_00107_33227_5558.N1 | 08-JUL-2008 08:16:05 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33227 | No |
| 93 | GOM_NL__2PRFIN20080708_081822_000000362070_00107_33227_5559.N1 | 08-JUL-2008 08:18:22 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 33227 | No |
| 94 | GOM_NL__2PRFIN20080708_082125_000000352070_00107_33227_5560.N1 | 08-JUL-2008 08:21:25 | Bright | 35.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 70 | 33227 | No |
| 95 | GOM_NL__2PRFIN20080708_082402_000000372070_00107_33227_5561.N1 | 08-JUL-2008 08:24:02 | Bright | 36.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 73 | 33227 | No |
| 96 | GOM_NL__2PRFIN20080708_082938_000000372070_00107_33227_5562.N1 | 08-JUL-2008 08:29:38 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 33227 | No |
| 97 | GOM_NL__2PRFIN20080708_083221_000000362070_00107_33227_5563.N1 | 08-JUL-2008 08:32:21 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33227 | No |
| 98 | GOM_NL__2PRFIN20080708_083629_000000362070_00107_33227_5564.N1 | 08-JUL-2008 08:36:29 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33227 | No |
| 99 | GOM_NL__2PRFIN20080708_084025_000000332070_00107_33227_5565.N1 | 08-JUL-2008 08:40:25 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 33227 | No |
| 100 | GOM_NL__2PRFIN20080708_090740_000000432070_00107_33227_5566.N1 | 08-JUL-2008 09:07:40 | Dark | 43.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 86 | 33227 | No |
| 101 | GOM_NL__2PRFIN20080708_091017_000000432070_00107_33227_5567.N1 | 08-JUL-2008 09:10:17 | Dark | 43.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 86 | 33227 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20080708_091859_000000412070_00107_33227_5568.N1 | 08-JUL-2008 09:18:59 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 33227 | No |
| 103 | GOM_NL__2PRFIN20080708_092510_000000532070_00108_33228_5555.N1 | 08-JUL-2008 09:25:10 | Dark | 53.000 | 9 | Alp Eri | 0.45300 | 24000. | 106 | 33228 | No |
| 104 | GOM_NL__2PRFIN20080708_092918_000000362070_00108_33228_5556.N1 | 08-JUL-2008 09:29:18 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33228 | No |
| 105 | GOM_NL__2PRFIN20080708_093652_000000422070_00108_33228_5557.N1 | 08-JUL-2008 09:36:52 | Straylight | 41.500 | 45 | Alp Pav | 1.9400 | 26000. | 83 | 33228 | No |
| 106 | GOM_NL__2PRFIN20080708_094138_000000372070_00108_33228_5558.N1 | 08-JUL-2008 09:41:38 | Twi_and_stray | 36.500 | 147 | Alp Ara | 2.8770 | 26000. | 73 | 33228 | No |
| 107 | GOM_NL__2PRFIN20080708_094328_000000402070_00108_33228_5559.N1 | 08-JUL-2008 09:43:28 | Twi_and_stray | 39.500 | 40 | The Sco | 1.8590 | 7100.0 | 79 | 33228 | No |
| 108 | GOM_NL__2PRFIN20080708_094508_000000392070_00108_33228_5560.N1 | 08-JUL-2008 09:45:08 | Twi_and_stray | 38.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 77 | 33228 | No |
| 109 | GOM_NL__2PRFIN20080708_094636_000000532070_00108_33228_5561.N1 | 08-JUL-2008 09:46:36 | Bright | 53.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 106 | 33228 | No |
| 110 | GOM_NL__2PRFIN20080708_095117_000000362070_00108_33228_5562.N1 | 08-JUL-2008 09:51:17 | Bright | 36.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 72 | 33228 | No |
| 111 | GOM_NL__2PRFIN20080708_095641_000000352070_00108_33228_5563.N1 | 08-JUL-2008 09:56:41 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33228 | No |
| 112 | GOM_NL__2PRFIN20080708_095858_000000362070_00108_33228_5564.N1 | 08-JUL-2008 09:58:58 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 33228 | No |
| 113 | GOM_NL__2PRFIN20080708_100201_000000362070_00108_33228_5565.N1 | 08-JUL-2008 10:02:01 | Bright | 36.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 72 | 33228 | No |
| 114 | GOM_NL__2PRFIN20080708_100438_000000342070_00108_33228_5566.N1 | 08-JUL-2008 10:04:38 | Bright | 34.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 68 | 33228 | No |
| 115 | GOM_NL__2PRFIN20080708_101013_000000372070_00108_33228_5567.N1 | 08-JUL-2008 10:10:13 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 33228 | No |
| 116 | GOM_NL__2PRFIN20080708_101257_000000362070_00108_33228_5568.N1 | 08-JUL-2008 10:12:57 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 33228 | No |
| 117 | GOM_NL__2PRFIN20080708_101705_000000522070_00108_33228_5569.N1 | 08-JUL-2008 10:17:05 | Bright | 52.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 104 | 33228 | No |
| 118 | GOM_NL__2PRFIN20080708_102101_000000362070_00108_33228_5570.N1 | 08-JUL-2008 10:21:01 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33228 | No |
| 119 | GOM_NL__2PRFIN20080708_104816_000000462070_00108_33228_5571.N1 | 08-JUL-2008 10:48:16 | Dark | 46.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 92 | 33228 | No |
| 120 | GOM_NL__2PRFIN20080708_105053_000000442070_00108_33228_5572.N1 | 08-JUL-2008 10:50:53 | Dark | 43.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 87 | 33228 | No |
| 121 | GOM_NL__2PRFIN20080708_105935_000000382070_00108_33228_5573.N1 | 08-JUL-2008 10:59:35 | Dark | 38.000 | 157 | The1Eri | 2.9060 | 9300.0 | 76 | 33228 | No |
| 122 | GOM_NL__2PRFIN20080708_110547_000000482070_00109_33229_5583.N1 | 08-JUL-2008 11:05:47 | Dark | 48.000 | 9 | Alp Eri | 0.45300 | 24000. | 96 | 33229 | No |
| 123 | GOM_NL__2PRFIN20080708_110954_000000372070_00109_33229_5584.N1 | 08-JUL-2008 11:09:54 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 33229 | No |
| 124 | GOM_NL__2PRFIN20080708_111729_000000402070_00109_33229_5585.N1 | 08-JUL-2008 11:17:29 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 33229 | No |
| 125 | GOM_NL__2PRFIN20080708_112214_000000382070_00109_33229_5586.N1 | 08-JUL-2008 11:22:14 | Twi_and_stray | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33229 | No |
| 126 | GOM_NL__2PRFIN20080708_112404_000000412070_00109_33229_5587.N1 | 08-JUL-2008 11:24:04 | Twi_and_stray | 41.000 | 40 | The Sco | 1.8590 | 7100.0 | 82 | 33229 | No |
| 127 | GOM_NL__2PRFIN20080708_112544_000000402070_00109_33229_5588.N1 | 08-JUL-2008 11:25:44 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33229 | No |
| 128 | GOM_NL__2PRFIN20080708_112712_000000522070_00109_33229_5589.N1 | 08-JUL-2008 11:27:12 | Bright | 52.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 104 | 33229 | No |
| 129 | GOM_NL__2PRFIN20080708_113153_000000362070_00109_33229_5590.N1 | 08-JUL-2008 11:31:53 | Bright | 36.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 72 | 33229 | No |
| 130 | GOM_NL__2PRFIN20080708_113717_000000352070_00109_33229_5591.N1 | 08-JUL-2008 11:37:17 | Bright | 34.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 69 | 33229 | No |
| 131 | GOM_NL__2PRFIN20080708_113934_000000382070_00109_33229_5592.N1 | 08-JUL-2008 11:39:34 | Bright | 37.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 75 | 33229 | No |
| 132 | GOM_NL__2PRFIN20080708_114237_000000372070_00109_33229_5593.N1 | 08-JUL-2008 11:42:37 | Bright | 36.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 73 | 33229 | No |
| 133 | GOM_NL__2PRFIN20080708_114514_000000362070_00109_33229_5594.N1 | 08-JUL-2008 11:45:14 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33229 | No |
| 134 | GOM_NL__2PRFIN20080708_115049_000000372070_00109_33229_5595.N1 | 08-JUL-2008 11:50:49 | Bright | 37.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 74 | 33229 | No |
| 135 | GOM_NL__2PRFIN20080708_115333_000000372070_00109_33229_5596.N1 | 08-JUL-2008 11:53:33 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 33229 | No |
| 136 | GOM_NL__2PRFIN20080708_115741_000000362070_00109_33229_5597.N1 | 08-JUL-2008 11:57:41 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33229 | No |
| 137 | GOM_NL__2PRFIN20080708_120136_000000372070_00109_33229_5598.N1 | 08-JUL-2008 12:01:36 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 33229 | No |
| 138 | GOM_NL__2PRFIN20080708_122852_000000432070_00109_33229_5599.N1 | 08-JUL-2008 12:28:52 | Dark | 43.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 86 | 33229 | No |
| 139 | GOM_NL__2PRFIN20080708_123129_000000442070_00109_33229_5600.N1 | 08-JUL-2008 12:31:29 | Dark | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 33229 | No |
| 140 | GOM_NL__2PRFIN20080708_124012_000000392070_00109_33229_5601.N1 | 08-JUL-2008 12:40:12 | Dark | 39.000 | 157 | The1Eri | 2.9060 | 9300.0 | 78 | 33229 | No |
| 141 | GOM_NL__2PRFIN20080708_124623_000000492070_00110_33230_5644.N1 | 08-JUL-2008 12:46:23 | Dark | 48.500 | 9 | Alp Eri | 0.45300 | 24000. | 97 | 33230 | No |
| 142 | GOM_NL__2PRFIN20080708_125030_000000372070_00110_33230_5645.N1 | 08-JUL-2008 12:50:30 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33230 | No |
| 143 | GOM_NL__2PRFIN20080708_125805_000000402070_00110_33230_5646.N1 | 08-JUL-2008 12:58:05 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33230 | No |
| 144 | GOM_NL__2PRFIN20080708_130250_000000372070_00110_33230_5647.N1 | 08-JUL-2008 13:02:50 | Twi_and_stray | 36.500 | 147 | Alp Ara | 2.8770 | 26000. | 73 | 33230 | No |
| 145 | GOM_NL__2PRFIN20080708_130440_000000422070_00110_33230_5648.N1 | 08-JUL-2008 13:04:40 | Twi_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33230 | No |
| 146 | GOM_NL__2PRFIN20080708_130620_000000412070_00110_33230_5649.N1 | 08-JUL-2008 13:06:20 | Twi_and_stray | 40.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 81 | 33230 | No |
| 147 | GOM_NL__2PRFIN20080708_130748_000000472070_00110_33230_5650.N1 | 08-JUL-2008 13:07:48 | Bright | 46.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 93 | 33230 | No |
| 148 | GOM_NL__2PRFIN20080708_131229_000000372070_00110_33230_5651.N1 | 08-JUL-2008 13:12:29 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33230 | No |
| 149 | GOM_NL__2PRFIN20080708_131753_000000352070_00110_33230_5652.N1 | 08-JUL-2008 13:17:53 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33230 | No |
| 150 | GOM_NL__2PRFIN20080708_132010_000000352070_00110_33230_5653.N1 | 08-JUL-2008 13:20:10 | Bright | 34.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 69 | 33230 | No |
| 151 | GOM_NL__2PRFIN20080708_132313_000000372070_00110_33230_5654.N1 | 08-JUL-2008 13:23:13 | Bright | 37.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 74 | 33230 | No |
| 152 | GOM_NL__2PRFIN20080708_132550_000000362070_00110_33230_5655.N1 | 08-JUL-2008 13:25:50 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33230 | No |
| 153 | GOM_NL__2PRFIN20080708_133125_000000342070_00110_33230_5656.N1 | 08-JUL-2008 13:31:25 | Bright | 34.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 68 | 33230 | No |
| 154 | GOM_NL__2PRFIN20080708_133409_000000352070_00110_33230_5657.N1 | 08-JUL-2008 13:34:09 | Bright | 34.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 69 | 33230 | No |
| 155 | GOM_NL__2PRFIN20080708_133817_000000362070_00110_33230_5658.N1 | 08-JUL-2008 13:38:17 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33230 | No |
| 156 | GOM_NL__2PRFIN20080708_134212_000000362070_00110_33230_5659.N1 | 08-JUL-2008 13:42:12 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33230 | No |
| 157 | GOM_NL__2PRFIN20080708_140928_000000332070_00110_33230_5660.N1 | 08-JUL-2008 14:09:28 | Dark | 33.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 66 | 33230 | No |
| 158 | GOM_NL__2PRFIN20080708_141206_000000452070_00110_33230_5661.N1 | 08-JUL-2008 14:12:06 | Dark | 45.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 90 | 33230 | No |
| 159 | GOM_NL__2PRFIN20080708_142048_000000402070_00110_33230_5662.N1 | 08-JUL-2008 14:20:48 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 33230 | No |
| 160 | GOM_NL__2PRFIN20080708_142700_000000502070_00111_33231_5596.N1 | 08-JUL-2008 14:27:00 | Dark | 50.000 | 9 | Alp Eri | 0.45300 | 24000. | 100 | 33231 | No |

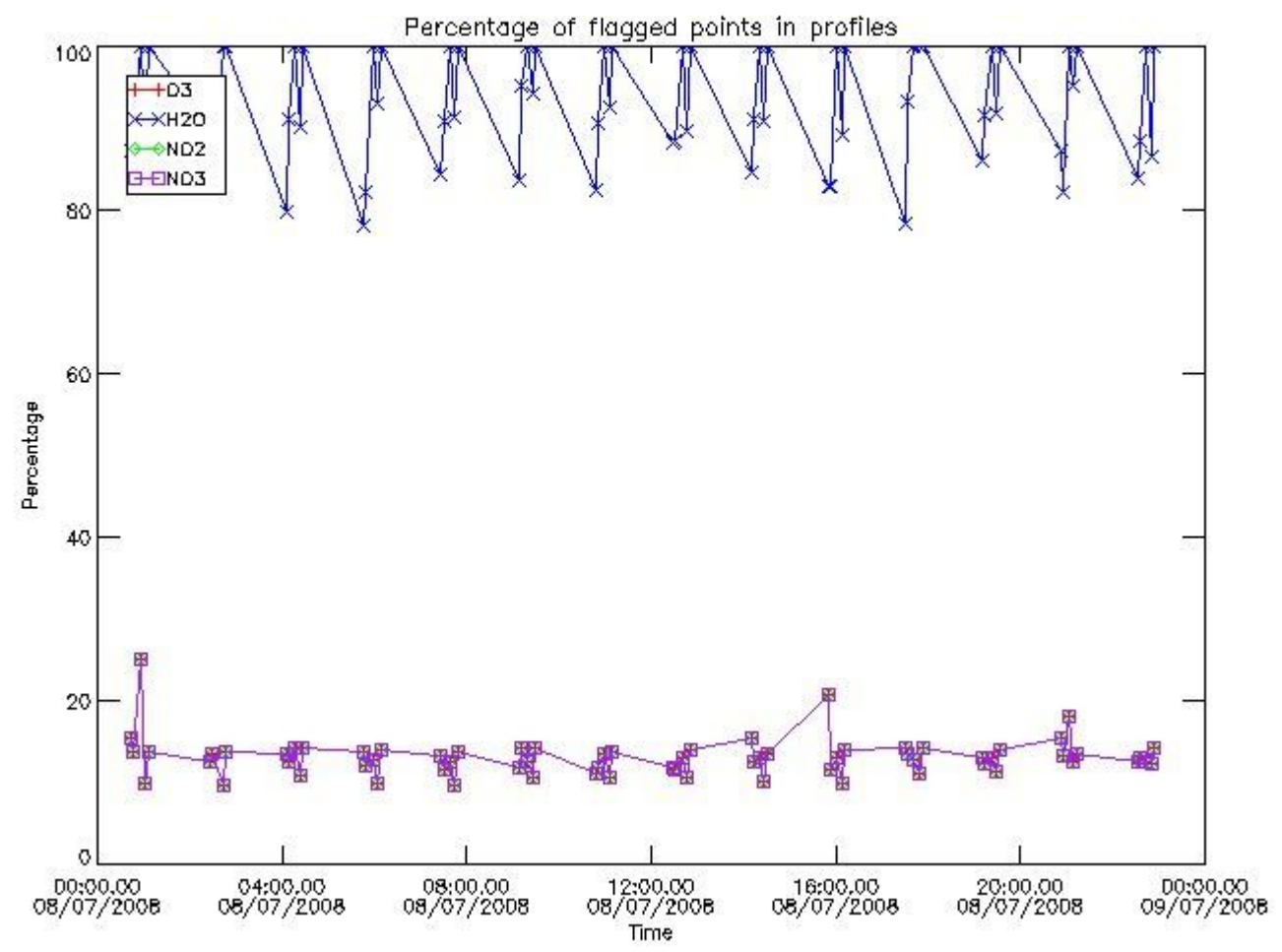
| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20080708_143106_000000382070_00111_33231_5597.N1 | 08-JUL-2008 14:31:06 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 33231 | No |
| 162 | GOM_NL__2PRFIN20080708_143841_000000402070_00111_33231_5598.N1 | 08-JUL-2008 14:38:41 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33231 | No |
| 163 | GOM_NL__2PRFIN20080708_144156_000000382070_00111_33231_5599.N1 | 08-JUL-2008 14:41:56 | Straylight | 37.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 75 | 33231 | No |
| 164 | GOM_NL__2PRFIN20080708_144326_000000372070_00111_33231_5600.N1 | 08-JUL-2008 14:43:26 | Twi_and_stray | 37.000 | 147 | Alp Ara | 2.8770 | 26000. | 74 | 33231 | No |
| 165 | GOM_NL__2PRFIN20080708_144516_000000402070_00111_33231_5601.N1 | 08-JUL-2008 14:45:16 | Twi_and_stray | 39.500 | 40 | The Sco | 1.8590 | 7100.0 | 79 | 33231 | No |
| 166 | GOM_NL__2PRFIN20080708_144656_000000402070_00111_33231_5602.N1 | 08-JUL-2008 14:46:56 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33231 | No |
| 167 | GOM_NL__2PRFIN20080708_144824_000000422070_00111_33231_5603.N1 | 08-JUL-2008 14:48:24 | Bright | 41.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 83 | 33231 | No |
| 168 | GOM_NL__2PRFIN20080708_145305_000000372070_00111_33231_5604.N1 | 08-JUL-2008 14:53:05 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33231 | No |
| 169 | GOM_NL__2PRFIN20080708_145454_000000372070_00111_33231_5605.N1 | 08-JUL-2008 14:54:54 | Bright | 37.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 74 | 33231 | No |
| 170 | GOM_NL__2PRFIN20080708_145829_000000362070_00111_33231_5606.N1 | 08-JUL-2008 14:58:29 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 33231 | No |
| 171 | GOM_NL__2PRFIN20080708_150046_000000362070_00111_33231_5607.N1 | 08-JUL-2008 15:00:46 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33231 | No |
| 172 | GOM_NL__2PRFIN20080708_150350_000000352070_00111_33231_5608.N1 | 08-JUL-2008 15:03:50 | Bright | 34.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 69 | 33231 | No |
| 173 | GOM_NL__2PRFIN20080708_150626_000000362070_00111_33231_5609.N1 | 08-JUL-2008 15:06:26 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33231 | No |
| 174 | GOM_NL__2PRFIN20080708_151201_000000372070_00111_33231_5610.N1 | 08-JUL-2008 15:12:01 | Bright | 36.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 73 | 33231 | No |
| 175 | GOM_NL__2PRFIN20080708_151445_000000372070_00111_33231_5611.N1 | 08-JUL-2008 15:14:45 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 33231 | No |
| 176 | GOM_NL__2PRFIN20080708_151854_000000342070_00111_33231_5612.N1 | 08-JUL-2008 15:18:54 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 33231 | No |
| 177 | GOM_NL__2PRFIN20080708_152248_000000352070_00111_33231_5613.N1 | 08-JUL-2008 15:22:48 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 33231 | No |
| 178 | GOM_NL__2PRFIN20080708_155004_000000422070_00111_33231_5614.N1 | 08-JUL-2008 15:50:04 | Dark | 41.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 83 | 33231 | No |
| 179 | GOM_NL__2PRFIN20080708_155242_000000442070_00111_33231_5615.N1 | 08-JUL-2008 15:52:42 | Dark | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 33231 | No |
| 180 | GOM_NL__2PRFIN20080708_160125_000000392070_00111_33231_5616.N1 | 08-JUL-2008 16:01:25 | Dark | 39.000 | 157 | The1Eri | 2.9060 | 9300.0 | 78 | 33231 | No |
| 181 | GOM_NL__2PRFIN20080708_160736_000000512070_00112_33232_5611.N1 | 08-JUL-2008 16:07:36 | Dark | 51.000 | 9 | Alp Eri | 0.45300 | 24000. | 102 | 33232 | No |
| 182 | GOM_NL__2PRFIN20080708_161143_000000372070_00112_33232_5612.N1 | 08-JUL-2008 16:11:43 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33232 | No |
| 183 | GOM_NL__2PRFIN20080708_161918_000000402070_00112_33232_5613.N1 | 08-JUL-2008 16:19:18 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33232 | No |
| 184 | GOM_NL__2PRFIN20080708_162402_000000362070_00112_33232_5614.N1 | 08-JUL-2008 16:24:02 | Twi_and_stray | 36.000 | 147 | Alp Ara | 2.8770 | 26000. | 72 | 33232 | No |
| 185 | GOM_NL__2PRFIN20080708_162552_000000422070_00112_33232_5615.N1 | 08-JUL-2008 16:25:52 | Twi_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33232 | No |
| 186 | GOM_NL__2PRFIN20080708_162732_000000422070_00112_33232_5616.N1 | 08-JUL-2008 16:27:32 | Twi_and_stray | 42.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 84 | 33232 | No |
| 187 | GOM_NL__2PRFIN20080708_162900_000000432070_00112_33232_5617.N1 | 08-JUL-2008 16:29:00 | Bright | 43.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 86 | 33232 | No |
| 188 | GOM_NL__2PRFIN20080708_163341_000000372070_00112_33232_5618.N1 | 08-JUL-2008 16:33:41 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33232 | No |
| 189 | GOM_NL__2PRFIN20080708_163905_000000362070_00112_33232_5619.N1 | 08-JUL-2008 16:39:05 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 33232 | No |
| 190 | GOM_NL__2PRFIN20080708_164122_000000372070_00112_33232_5620.N1 | 08-JUL-2008 16:41:22 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 33232 | No |
| 191 | GOM_NL__2PRFIN20080708_164426_000000382070_00112_33232_5621.N1 | 08-JUL-2008 16:44:26 | Bright | 37.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 75 | 33232 | No |
| 192 | GOM_NL__2PRFIN20080708_164702_000000362070_00112_33232_5622.N1 | 08-JUL-2008 16:47:02 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 33232 | No |
| 193 | GOM_NL__2PRFIN20080708_165237_000000362070_00112_33232_5623.N1 | 08-JUL-2008 16:52:37 | Bright | 35.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 71 | 33232 | No |
| 194 | GOM_NL__2PRFIN20080708_165521_000000332070_00112_33232_5624.N1 | 08-JUL-2008 16:55:21 | Bright | 33.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 66 | 33232 | No |
| 195 | GOM_NL__2PRFIN20080708_165930_000000322070_00112_33232_5625.N1 | 08-JUL-2008 16:59:30 | Bright | 32.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 64 | 33232 | No |
| 196 | GOM_NL__2PRFIN20080708_170324_000000342070_00112_33232_5626.N1 | 08-JUL-2008 17:03:24 | Bright | 33.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 67 | 33232 | No |
| 197 | GOM_NL__2PRFIN20080708_173041_000000402070_00112_33232_5627.N1 | 08-JUL-2008 17:30:41 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33232 | No |
| 198 | GOM_NL__2PRFIN20080708_173319_000000382070_00112_33232_5628.N1 | 08-JUL-2008 17:33:19 | Dark | 38.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 76 | 33232 | No |
| 199 | GOM_NL__2PRFIN20080708_174201_000000402070_00112_33232_5629.N1 | 08-JUL-2008 17:42:01 | Dark | 40.000 | 157 | The1Eri | 2.9060 | 9300.0 | 80 | 33232 | No |
| 200 | GOM_NL__2PRFIN20080708_174813_000000502070_00113_33233_5615.N1 | 08-JUL-2008 17:48:13 | Dark | 50.000 | 9 | Alp Eri | 0.45300 | 24000. | 100 | 33233 | No |
| 201 | GOM_NL__2PRFIN20080708_175219_000000362070_00113_33233_5616.N1 | 08-JUL-2008 17:52:19 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33233 | No |
| 202 | GOM_NL__2PRFIN20080708_175954_000000392070_00113_33233_5617.N1 | 08-JUL-2008 17:59:54 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33233 | No |
| 203 | GOM_NL__2PRFIN20080708_180438_000000382070_00113_33233_5618.N1 | 08-JUL-2008 18:04:38 | Twi_and_stray | 38.000 | 147 | Alp Ara | 2.8770 | 26000. | 76 | 33233 | No |
| 204 | GOM_NL__2PRFIN20080708_180629_000000412070_00113_33233_5619.N1 | 08-JUL-2008 18:06:29 | Twi_and_stray | 40.500 | 40 | The Sco | 1.8590 | 7100.0 | 81 | 33233 | No |
| 205 | GOM_NL__2PRFIN20080708_180808_000000402070_00113_33233_5620.N1 | 08-JUL-2008 18:08:08 | Twi_and_stray | 39.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 79 | 33233 | No |
| 206 | GOM_NL__2PRFIN20080708_180937_000000422070_00113_33233_5621.N1 | 08-JUL-2008 18:09:37 | Bright | 42.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 84 | 33233 | No |
| 207 | GOM_NL__2PRFIN20080708_181417_000000362070_00113_33233_5622.N1 | 08-JUL-2008 18:14:17 | Bright | 35.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 71 | 33233 | No |
| 208 | GOM_NL__2PRFIN20080708_181941_000000362070_00113_33233_5623.N1 | 08-JUL-2008 18:19:41 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 33233 | No |
| 209 | GOM_NL__2PRFIN20080708_182158_000000362070_00113_33233_5624.N1 | 08-JUL-2008 18:21:58 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 33233 | No |
| 210 | GOM_NL__2PRFIN20080708_182502_000000382070_00113_33233_5625.N1 | 08-JUL-2008 18:25:02 | Bright | 37.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 75 | 33233 | No |
| 211 | GOM_NL__2PRFIN20080708_182738_000000352070_00113_33233_5626.N1 | 08-JUL-2008 18:27:38 | Bright | 34.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 69 | 33233 | No |
| 212 | GOM_NL__2PRFIN20080708_183313_000000382070_00113_33233_5627.N1 | 08-JUL-2008 18:33:13 | Bright | 37.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 75 | 33233 | No |
| 213 | GOM_NL__2PRFIN20080708_183557_000000362070_00113_33233_5628.N1 | 08-JUL-2008 18:35:57 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 33233 | No |
| 214 | GOM_NL__2PRFIN20080708_184006_000000362070_00113_33233_5629.N1 | 08-JUL-2008 18:40:06 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33233 | No |
| 215 | GOM_NL__2PRFIN20080708_184400_000000352070_00113_33233_5630.N1 | 08-JUL-2008 18:44:00 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 33233 | No |
| 216 | GOM_NL__2PRFIN20080708_191117_000000402070_00113_33233_5631.N1 | 08-JUL-2008 19:11:17 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33233 | No |
| 217 | GOM_NL__2PRFIN20080708_191355_000000422070_00113_33233_5632.N1 | 08-JUL-2008 19:13:55 | Dark | 41.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 83 | 33233 | No |
| 218 | GOM_NL__2PRFIN20080708_192238_000000392070_00113_33233_5633.N1 | 08-JUL-2008 19:22:38 | Dark | 39.000 | 157 | The1Eri | 2.9060 | 9300.0 | 78 | 33233 | No |
| 219 | GOM_NL__2PRFIN20080708_192849_000000502070_00114_33234_5651.N1 | 08-JUL-2008 19:28:49 | Dark | 49.500 | 9 | Alp Eri | 0.45300 | 24000. | 99 | 33234 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20080708_193255_000000372070_00114_33234_5652.N1 | 08-JUL-2008 19:32:55 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 33234 | No |
| 221 | GOM_NL__2PRFIN20080708_194031_000000402070_00114_33234_5653.N1 | 08-JUL-2008 19:40:31 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 33234 | No |
| 222 | GOM_NL__2PRFIN20080708_194514_000000362070_00114_33234_5654.N1 | 08-JUL-2008 19:45:14 | Tw_i_and_stray | 36.000 | 147 | Alp Ara | 2.8770 | 26000. | 72 | 33234 | No |
| 223 | GOM_NL__2PRFIN20080708_194705_000000422070_00114_33234_5655.N1 | 08-JUL-2008 19:47:05 | Tw_i_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 33234 | No |
| 224 | GOM_NL__2PRFIN20080708_194844_000000422070_00114_33234_5656.N1 | 08-JUL-2008 19:48:44 | Tw_i_and_stray | 42.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 84 | 33234 | No |
| 225 | GOM_NL__2PRFIN20080708_195013_000000462070_00114_33234_5657.N1 | 08-JUL-2008 19:50:13 | Bright | 46.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 92 | 33234 | No |
| 226 | GOM_NL__2PRFIN20080708_195453_000000362070_00114_33234_5658.N1 | 08-JUL-2008 19:54:53 | Bright | 35.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 71 | 33234 | No |
| 227 | GOM_NL__2PRFIN20080708_200017_000000362070_00114_33234_5659.N1 | 08-JUL-2008 20:00:17 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 33234 | No |
| 228 | GOM_NL__2PRFIN20080708_200234_000000372070_00114_33234_5660.N1 | 08-JUL-2008 20:02:34 | Bright | 37.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 74 | 33234 | No |
| 229 | GOM_NL__2PRFIN20080708_200538_000000352070_00114_33234_5661.N1 | 08-JUL-2008 20:05:38 | Bright | 34.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 69 | 33234 | No |
| 230 | GOM_NL__2PRFIN20080708_200815_000000362070_00114_33234_5662.N1 | 08-JUL-2008 20:08:15 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33234 | No |
| 231 | GOM_NL__2PRFIN20080708_201349_000000382070_00114_33234_5663.N1 | 08-JUL-2008 20:13:49 | Bright | 37.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 75 | 33234 | No |
| 232 | GOM_NL__2PRFIN20080708_201633_000000372070_00114_33234_5664.N1 | 08-JUL-2008 20:16:33 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 33234 | No |
| 233 | GOM_NL__2PRFIN20080708_202042_000000362070_00114_33234_5665.N1 | 08-JUL-2008 20:20:42 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 33234 | No |
| 234 | GOM_NL__2PRFIN20080708_202436_000000332070_00114_33234_5666.N1 | 08-JUL-2008 20:24:36 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 33234 | No |
| 235 | GOM_NL__2PRFIN20080708_205153_000000402070_00114_33234_5667.N1 | 08-JUL-2008 20:51:53 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 33234 | No |
| 236 | GOM_NL__2PRFIN20080708_205431_000000432070_00114_33234_5668.N1 | 08-JUL-2008 20:54:31 | Dark | 42.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 85 | 33234 | No |
| 237 | GOM_NL__2PRFIN20080708_210314_000000402070_00114_33234_5669.N1 | 08-JUL-2008 21:03:14 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 33234 | No |
| 238 | GOM_NL__2PRFIN20080708_210926_000000412070_00115_33235_5686.N1 | 08-JUL-2008 21:09:26 | Dark | 41.000 | 9 | Alp Eri | 0.45300 | 24000. | 82 | 33235 | No |
| 239 | GOM_NL__2PRFIN20080708_211331_000000382070_00115_33235_5687.N1 | 08-JUL-2008 21:13:31 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 33235 | No |
| 240 | GOM_NL__2PRFIN20080708_212107_000000392070_00115_33235_5688.N1 | 08-JUL-2008 21:21:07 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33235 | No |
| 241 | GOM_NL__2PRFIN20080708_212550_000000382070_00115_33235_5689.N1 | 08-JUL-2008 21:25:50 | Tw_i_and_stray | 38.000 | 147 | Alp Ara | 2.8770 | 26000. | 76 | 33235 | No |
| 242 | GOM_NL__2PRFIN20080708_212741_000000392070_00115_33235_5690.N1 | 08-JUL-2008 21:27:41 | Tw_i_and_stray | 39.000 | 40 | The Sco | 1.8590 | 7100.0 | 78 | 33235 | No |
| 243 | GOM_NL__2PRFIN20080708_212920_000000422070_00115_33235_5691.N1 | 08-JUL-2008 21:29:20 | Tw_i_and_stray | 41.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 83 | 33235 | No |
| 244 | GOM_NL__2PRFIN20080708_213049_000000442070_00115_33235_5692.N1 | 08-JUL-2008 21:30:49 | Bright | 43.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 87 | 33235 | No |
| 245 | GOM_NL__2PRFIN20080708_213530_000000372070_00115_33235_5693.N1 | 08-JUL-2008 21:35:30 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 33235 | No |
| 246 | GOM_NL__2PRFIN20080708_214053_000000372070_00115_33235_5694.N1 | 08-JUL-2008 21:40:53 | Bright | 37.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 74 | 33235 | No |
| 247 | GOM_NL__2PRFIN20080708_214310_000000382070_00115_33235_5695.N1 | 08-JUL-2008 21:43:10 | Bright | 37.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 75 | 33235 | No |
| 248 | GOM_NL__2PRFIN20080708_214614_000000352070_00115_33235_5696.N1 | 08-JUL-2008 21:46:14 | Bright | 34.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 69 | 33235 | No |
| 249 | GOM_NL__2PRFIN20080708_214851_000000362070_00115_33235_5697.N1 | 08-JUL-2008 21:48:51 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 33235 | No |
| 250 | GOM_NL__2PRFIN20080708_215425_000000352070_00115_33235_5698.N1 | 08-JUL-2008 21:54:25 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 33235 | No |
| 251 | GOM_NL__2PRFIN20080708_215709_000000522070_00115_33235_5699.N1 | 08-JUL-2008 21:57:09 | Bright | 52.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 104 | 33235 | No |
| 252 | GOM_NL__2PRFIN20080708_220118_000000382070_00115_33235_5700.N1 | 08-JUL-2008 22:01:18 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 33235 | No |
| 253 | GOM_NL__2PRFIN20080708_220512_000000352070_00115_33235_5701.N1 | 08-JUL-2008 22:05:12 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 33235 | No |
| 254 | GOM_NL__2PRFIN20080708_223229_000000412070_00115_33235_5702.N1 | 08-JUL-2008 22:32:29 | Dark | 41.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 82 | 33235 | No |
| 255 | GOM_NL__2PRFIN20080708_223507_000000392070_00115_33235_5703.N1 | 08-JUL-2008 22:35:07 | Dark | 39.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 78 | 33235 | No |
| 256 | GOM_NL__2PRFIN20080708_224351_000000412070_00115_33235_5704.N1 | 08-JUL-2008 22:43:51 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 33235 | No |
| 257 | GOM_NL__2PRFIN20080708_225002_000000422070_00116_33236_5710.N1 | 08-JUL-2008 22:50:02 | Dark | 41.500 | 9 | Alp Eri | 0.45300 | 24000. | 83 | 33236 | No |
| 258 | GOM_NL__2PRFIN20080708_225407_000000362070_00116_33236_5711.N1 | 08-JUL-2008 22:54:07 | Dark | 36.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 72 | 33236 | No |
| 259 | GOM_NL__2PRFIN20080708_230143_000000392070_00116_33236_5712.N1 | 08-JUL-2008 23:01:43 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 33236 | No |
| 260 | GOM_NL__2PRFIN20080708_230626_000000382070_00116_33236_5713.N1 | 08-JUL-2008 23:06:26 | Tw_i_and_stray | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 33236 | No |
| 261 | GOM_NL__2PRFIN20080708_230817_000000422070_00116_33236_5714.N1 | 08-JUL-2008 23:08:17 | Tw_i_and_stray | 42.000 | 40 | The Sco | 1.8590 | 7100.0 | 84 | 33236 | No |
| 262 | GOM_NL__2PRFIN20080708_230956_000000432070_00116_33236_5715.N1 | 08-JUL-2008 23:09:56 | Tw_i_and_stray | 42.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 85 | 33236 | No |
| 263 | GOM_NL__2PRFIN20080708_231125_000000412070_00116_33236_5716.N1 | 08-JUL-2008 23:11:25 | Bright | 40.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 81 | 33236 | No |
| 264 | GOM_NL__2PRFIN20080708_232129_000000352070_00116_33236_5717.N1 | 08-JUL-2008 23:21:29 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 33236 | No |
| 265 | GOM_NL__2PRFIN20080708_232346_000000352070_00116_33236_5718.N1 | 08-JUL-2008 23:23:46 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 33236 | No |
| 266 | GOM_NL__2PRFIN20080708_232651_000000362070_00116_33236_5719.N1 | 08-JUL-2008 23:26:51 | Bright | 35.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 71 | 33236 | No |
| 267 | GOM_NL__2PRFIN20080708_232927_000000372070_00116_33236_5720.N1 | 08-JUL-2008 23:29:27 | Bright | 37.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 74 | 33236 | No |
| 268 | GOM_NL__2PRFIN20080708_233455_000000272070_00116_33236_5721.N1 | 08-JUL-2008 23:34:55 | Bright | 27.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 54 | 33236 | No |
| 269 | GOM_NL__2PRFIN20080708_233745_000000332070_00116_33236_5722.N1 | 08-JUL-2008 23:37:45 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 33236 | No |
| 270 | GOM_NL__2PRFIN20080708_234154_000000342070_00116_33236_5723.N1 | 08-JUL-2008 23:41:54 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 33236 | No |
| 271 | GOM_NL__2PRFIN20080708_234548_000000362070_00116_33236_5724.N1 | 08-JUL-2008 23:45:48 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 33236 | No |

3. Quality information per product

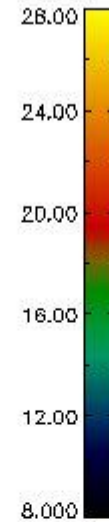
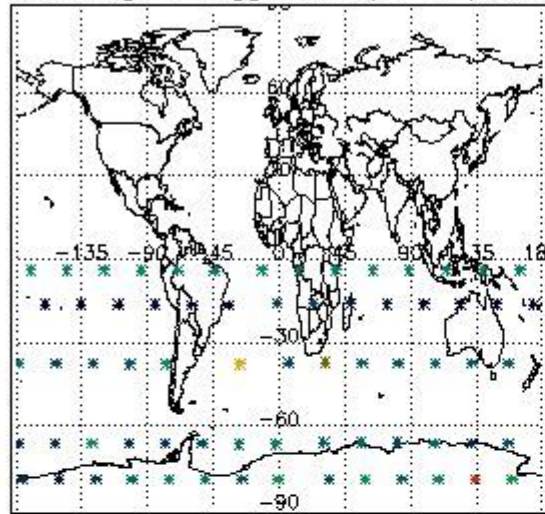
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

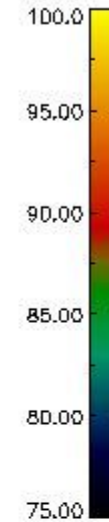
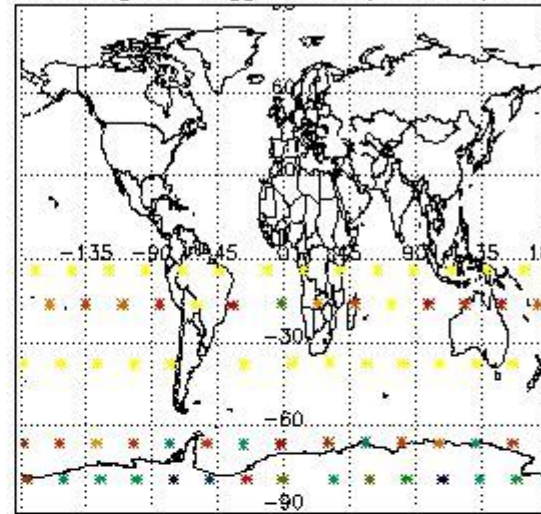


3.2 Plot quality information per product (world map)

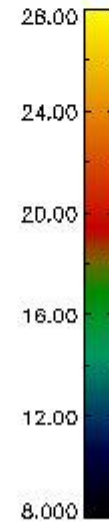
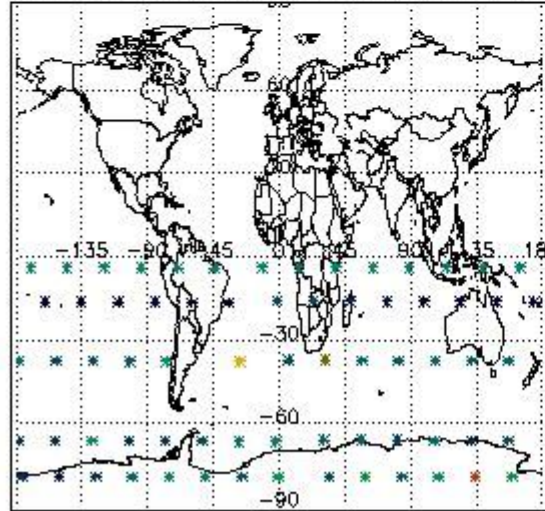
Percentage of flagged data per O3 profile



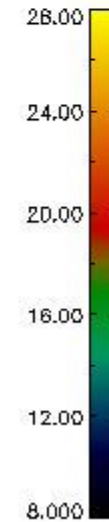
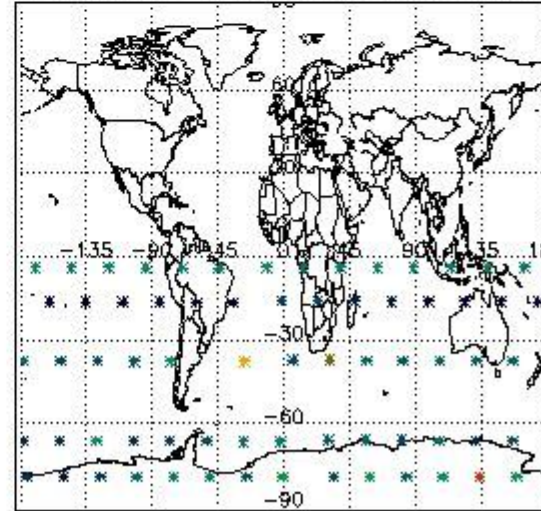
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

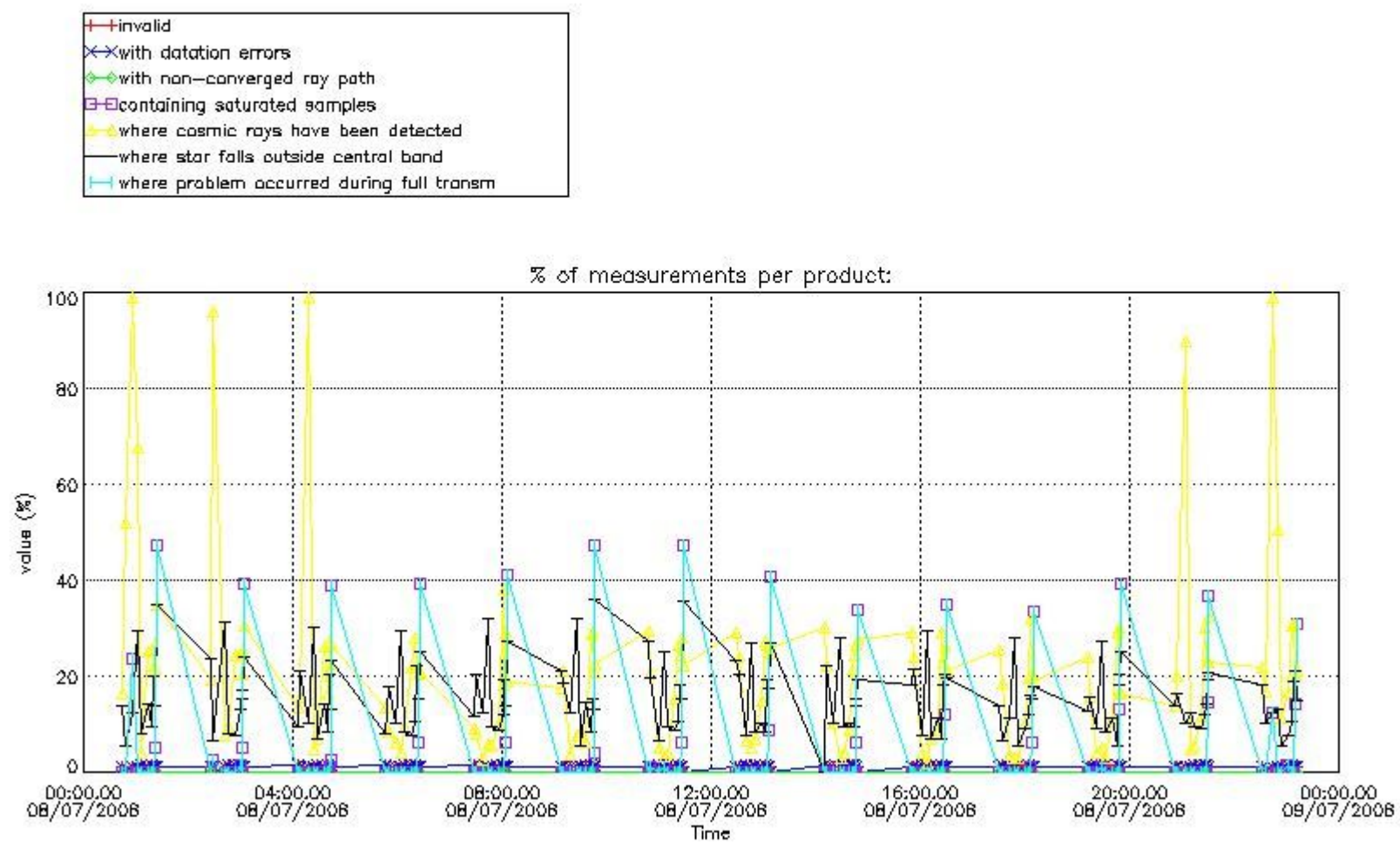


4. Level 1 quality information per product

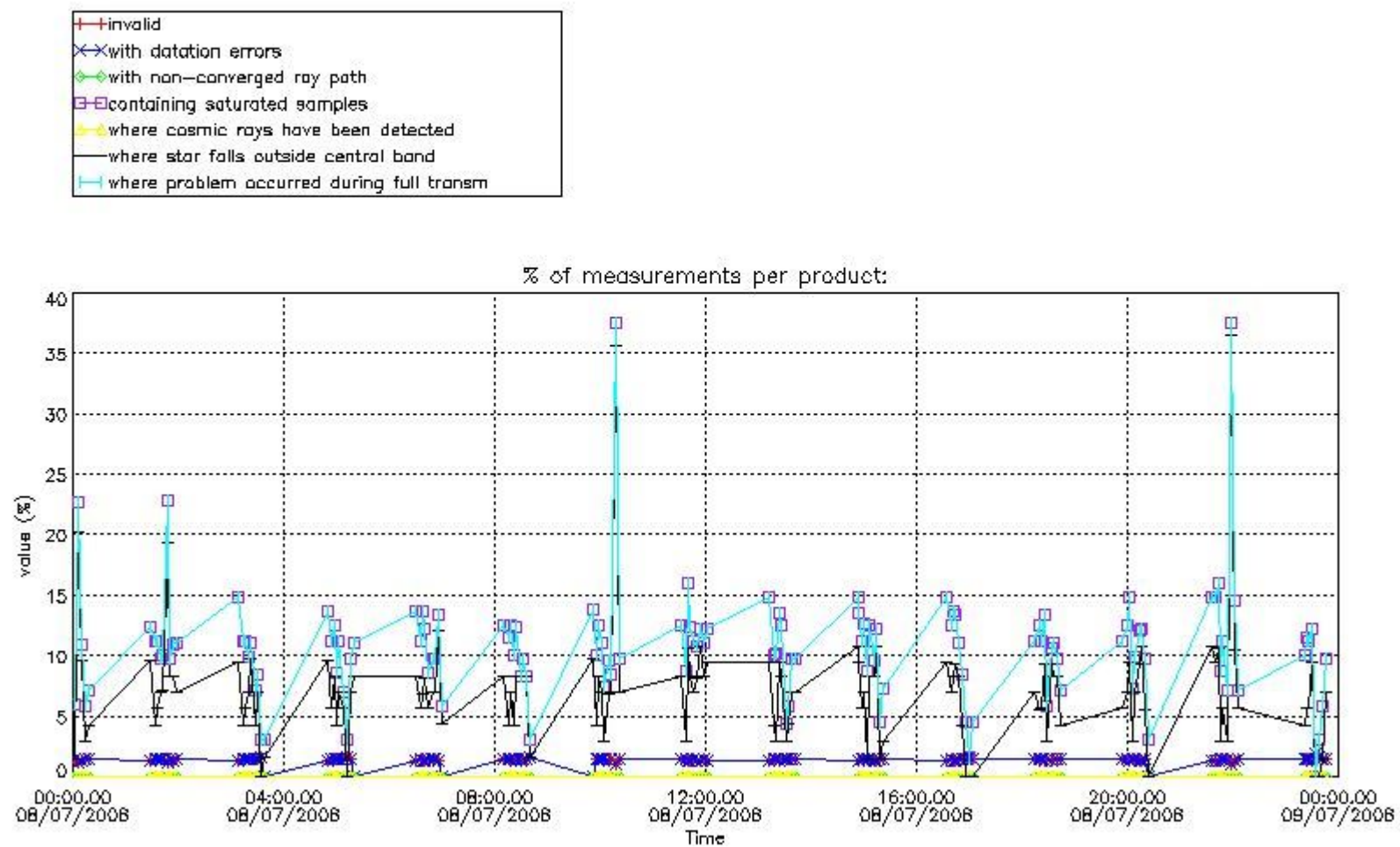
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



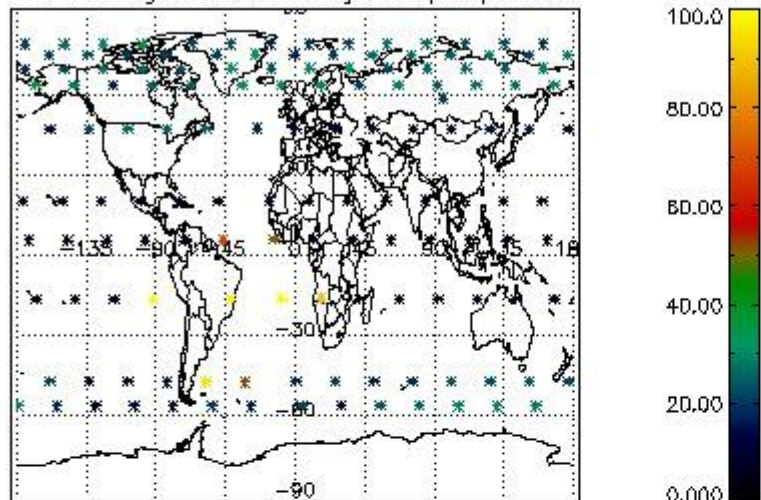
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



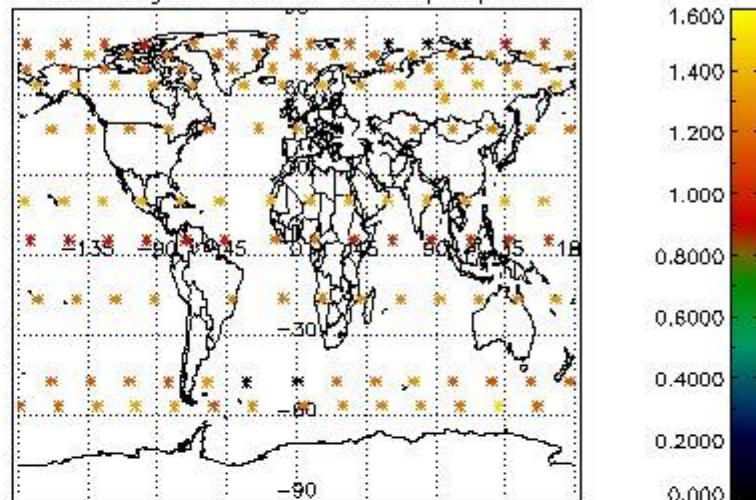
4.2 Plot quality information per product coming from level 1b processing (world map)

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

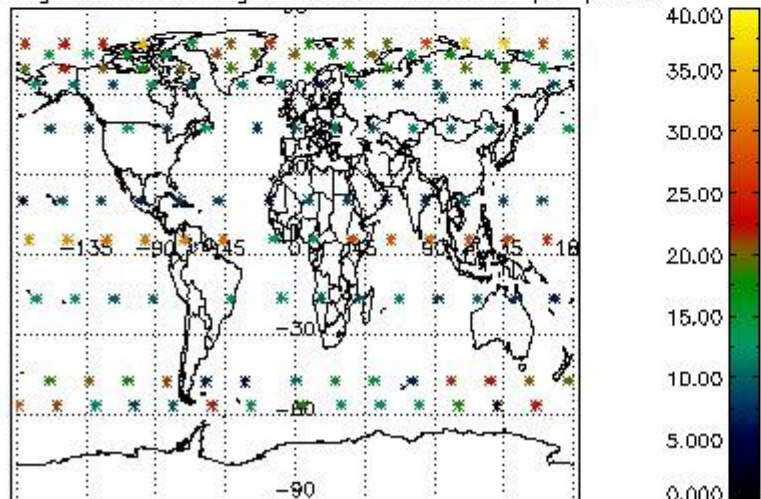
Percentage of cosmic ray hits per profile



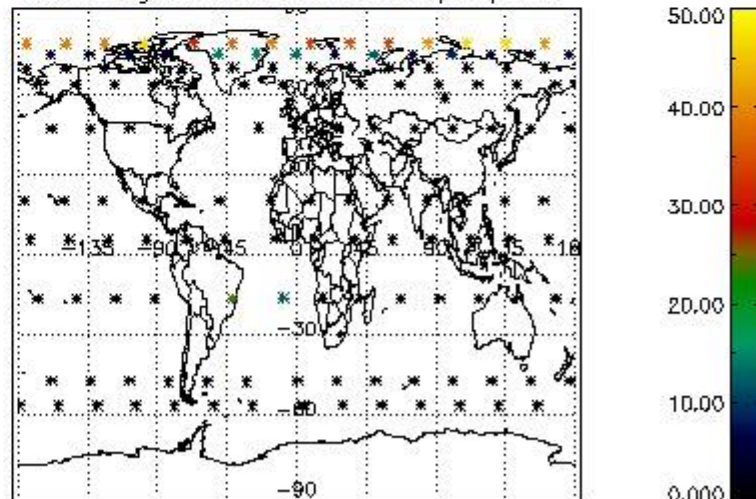
Percentage of datation errors per profile



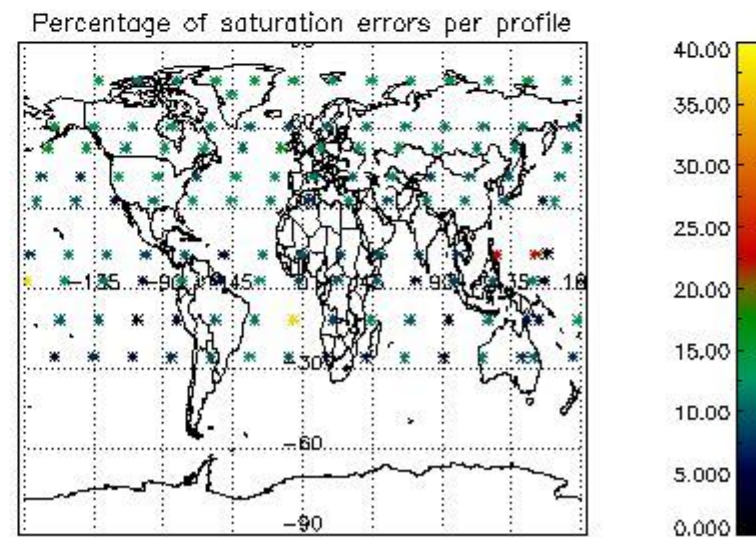
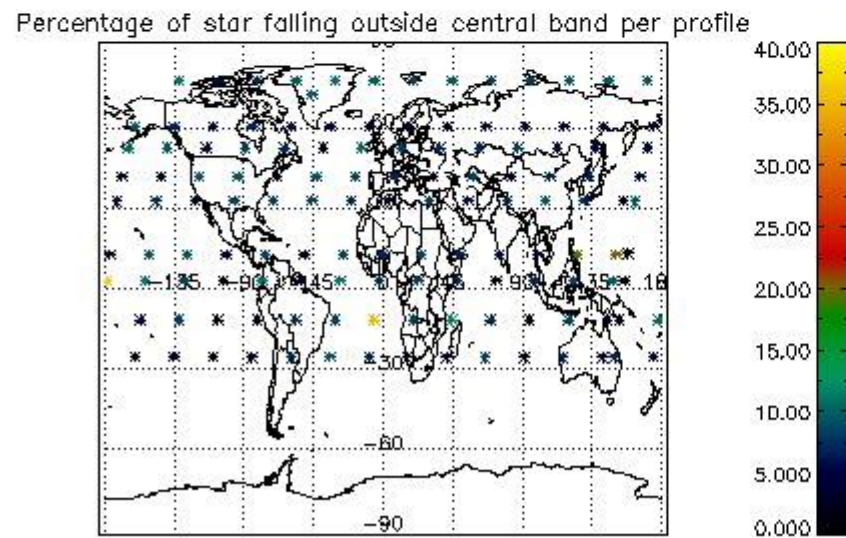
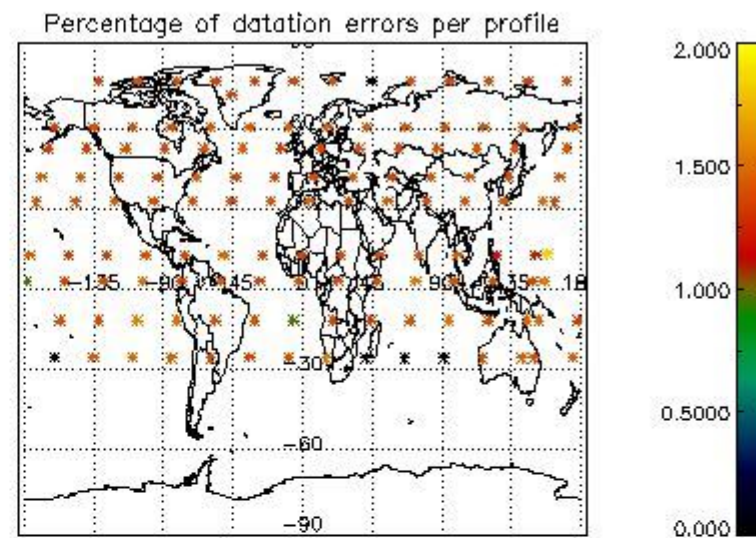
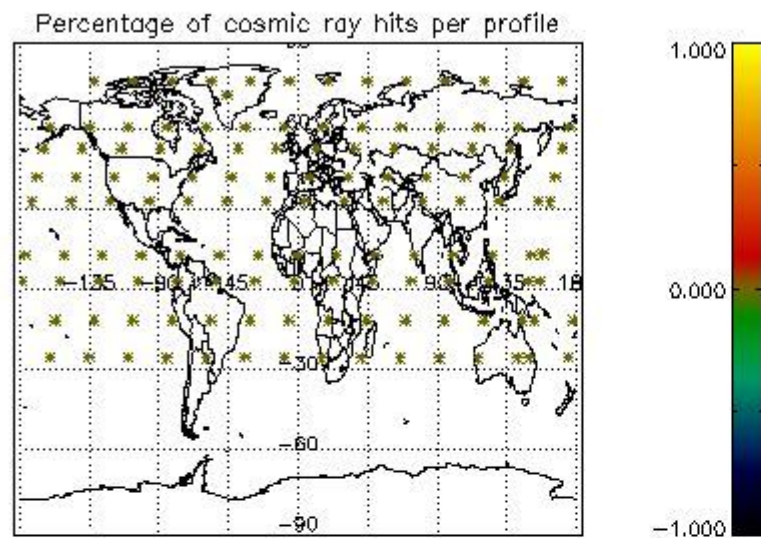
Percentage of star falling outside central band per profile



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

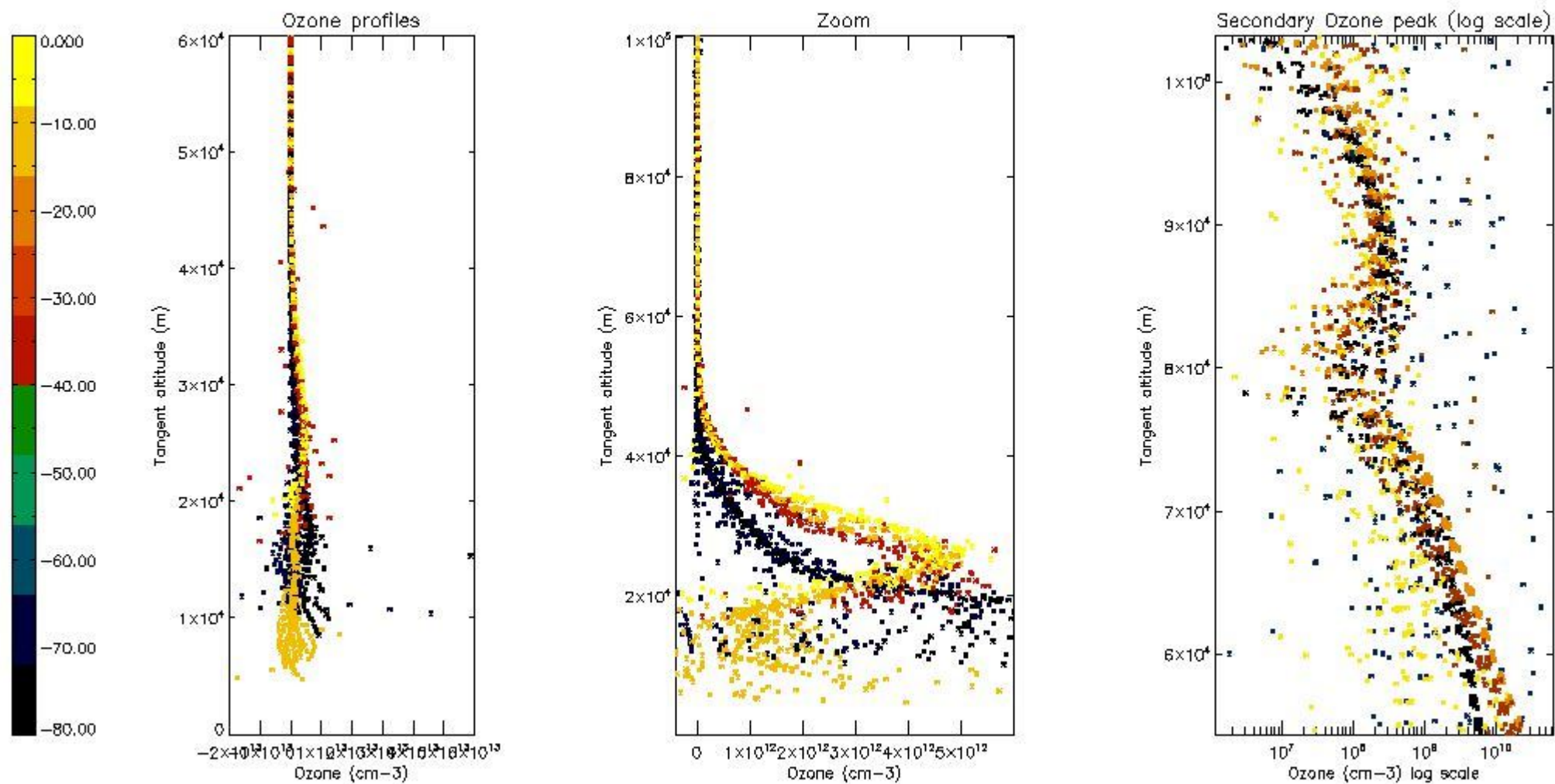
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 29 |
| STD < 20 | 14 |

| | |
|----------|----|
| STD < 10 | 10 |
| STD < 5 | 7 |

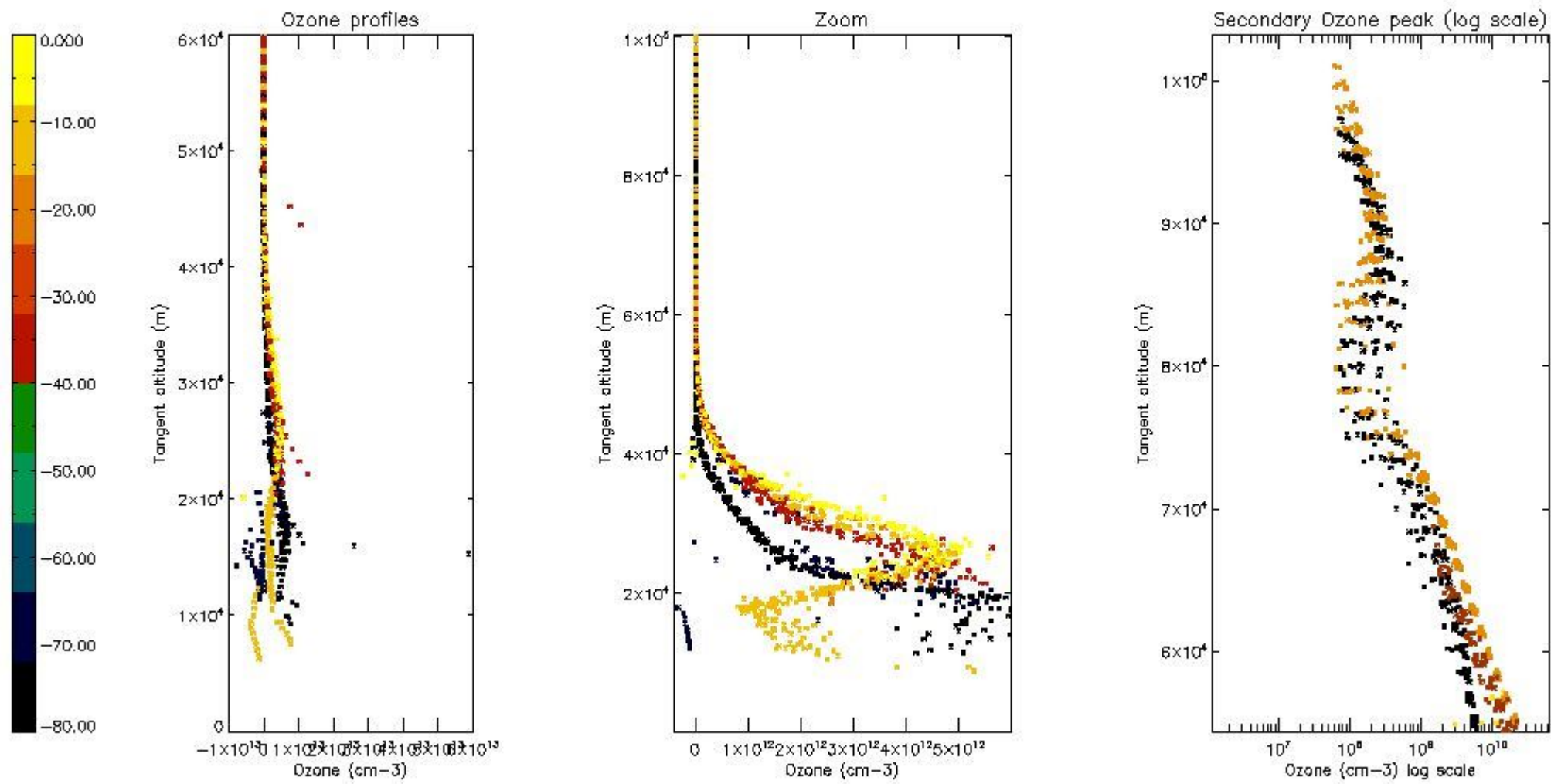
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



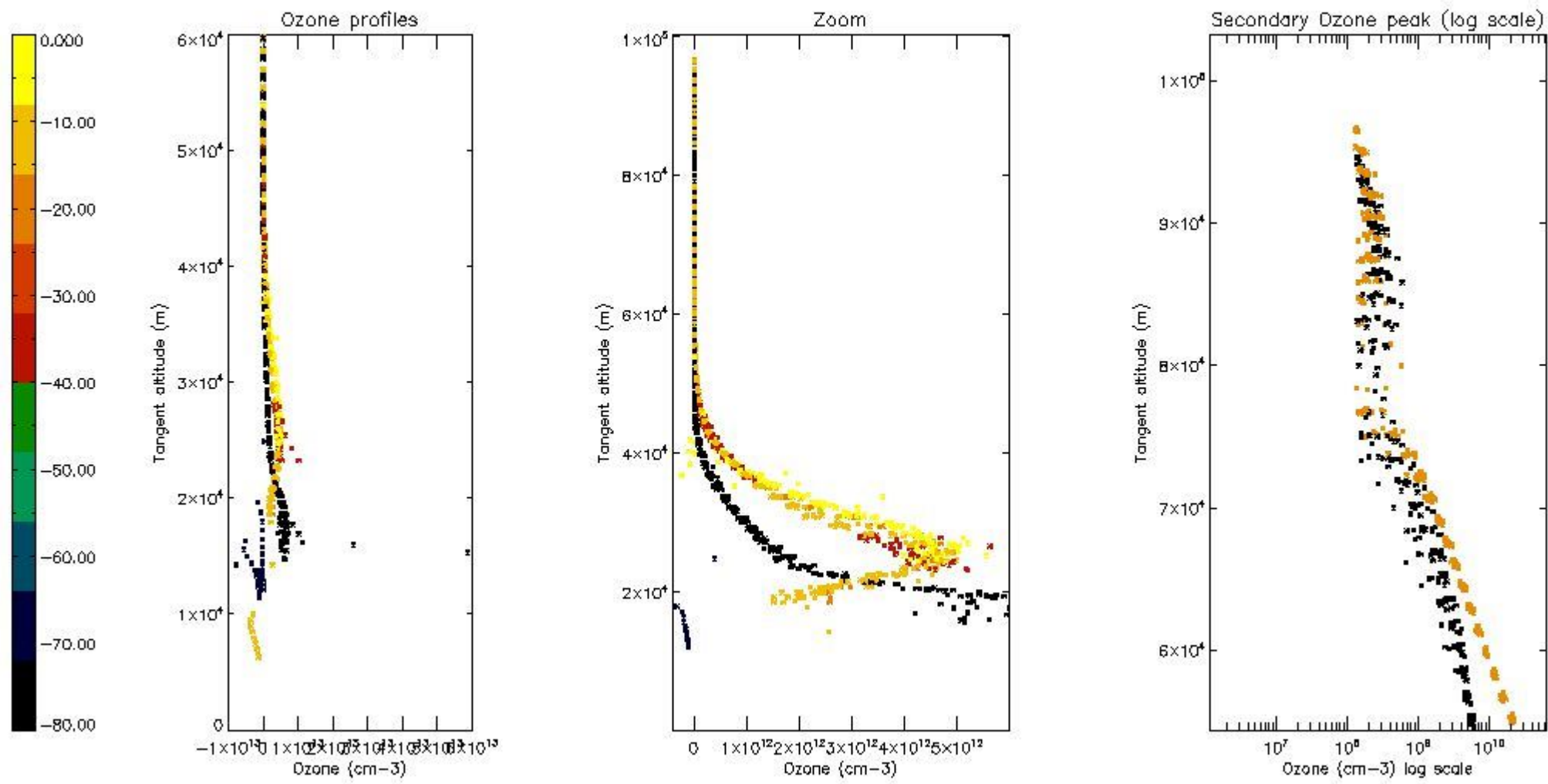
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



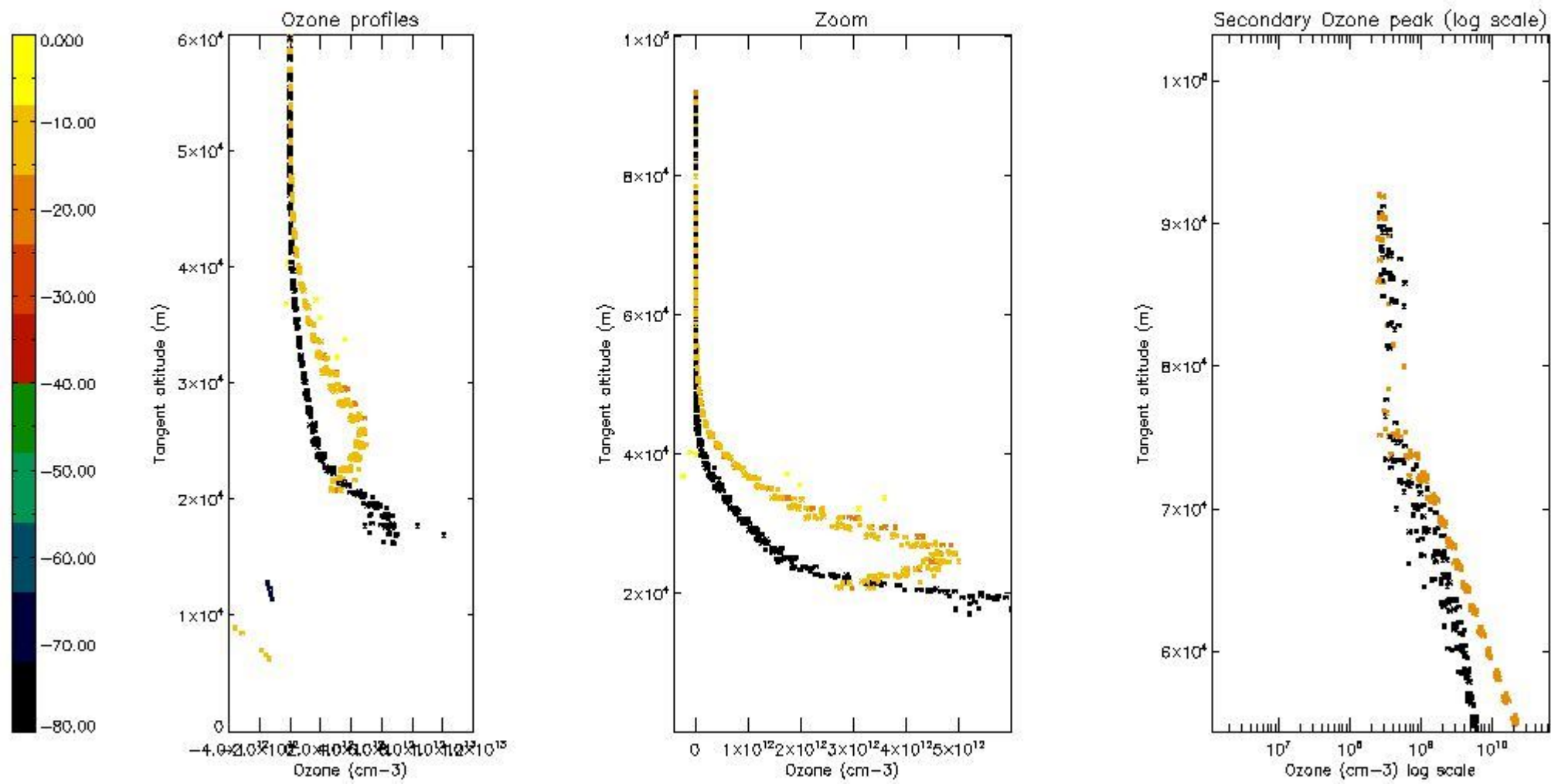
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



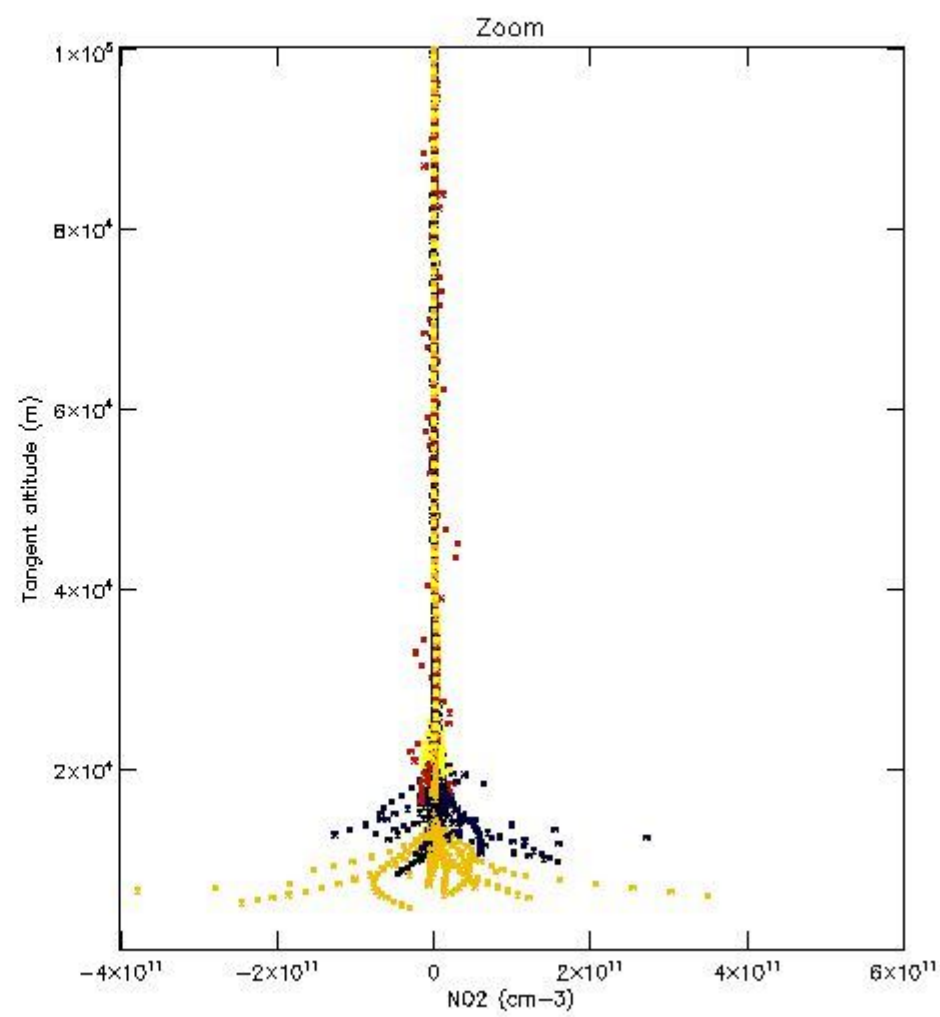
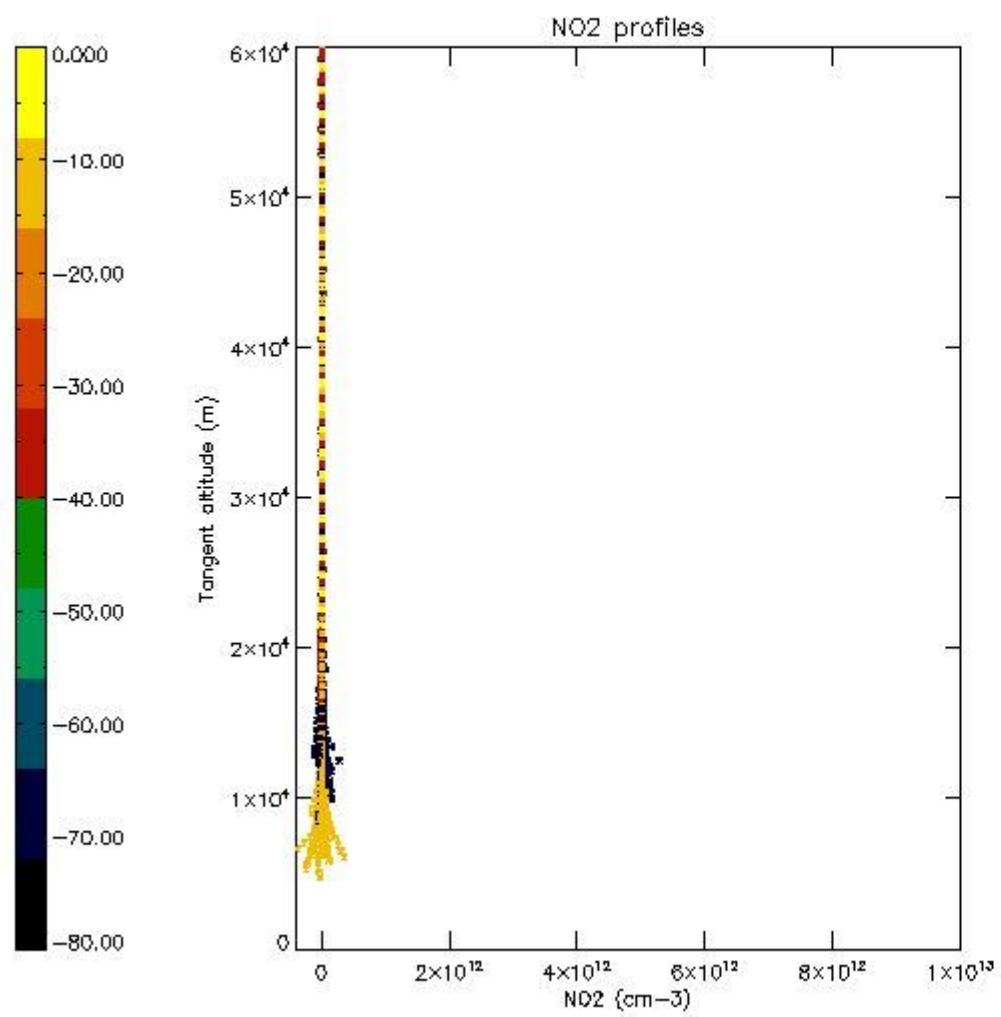
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



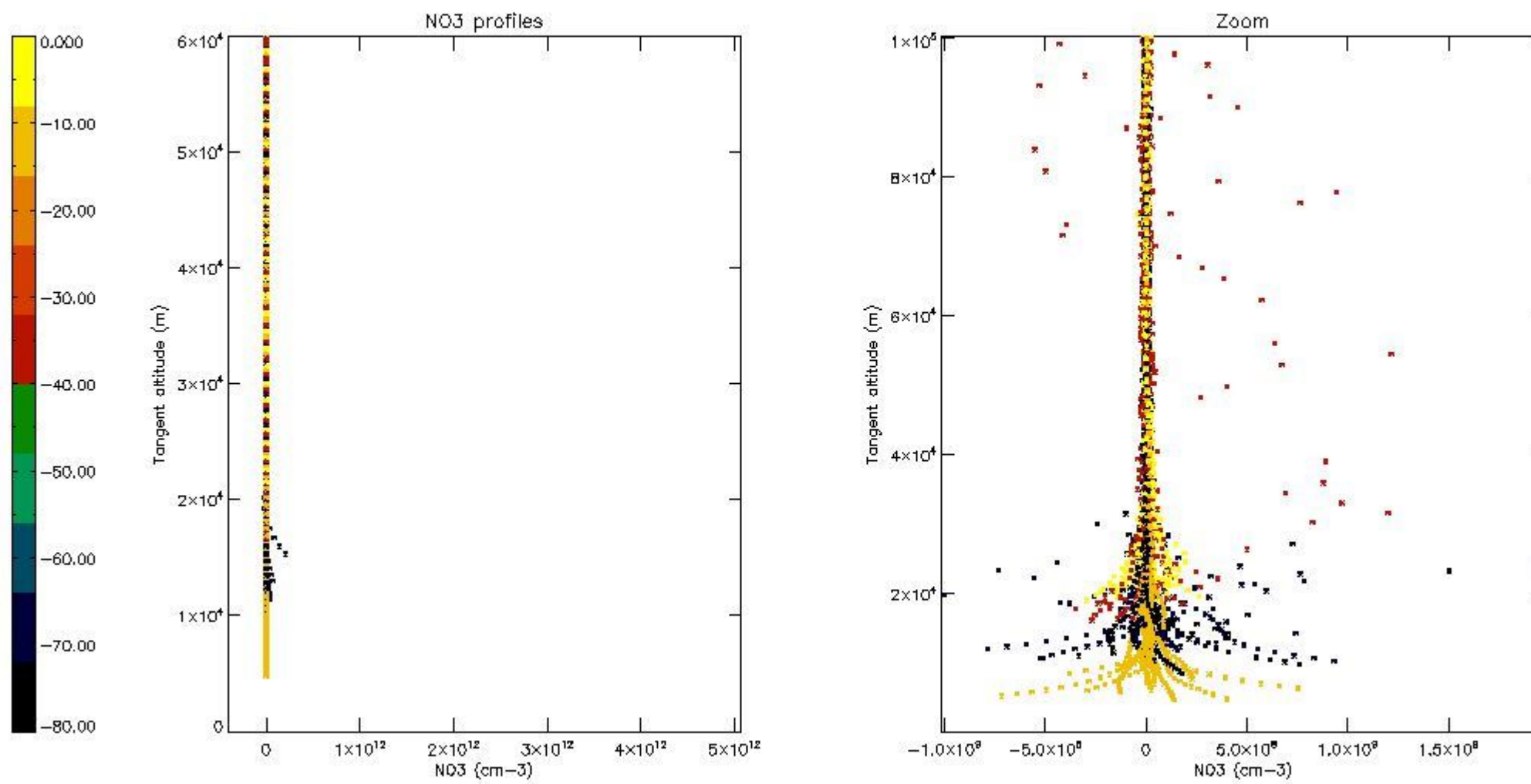
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

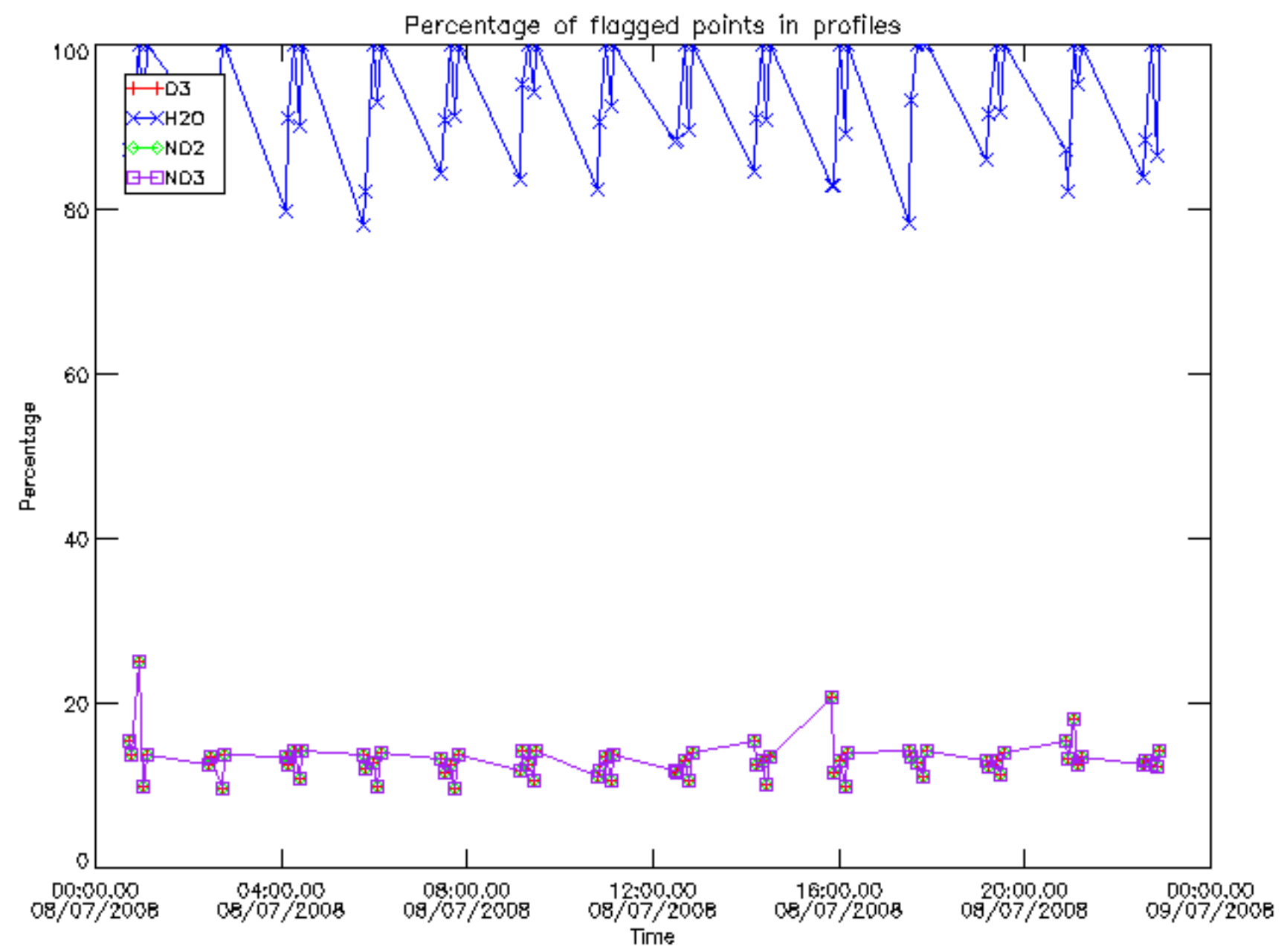
The colorbar represents the latitude.



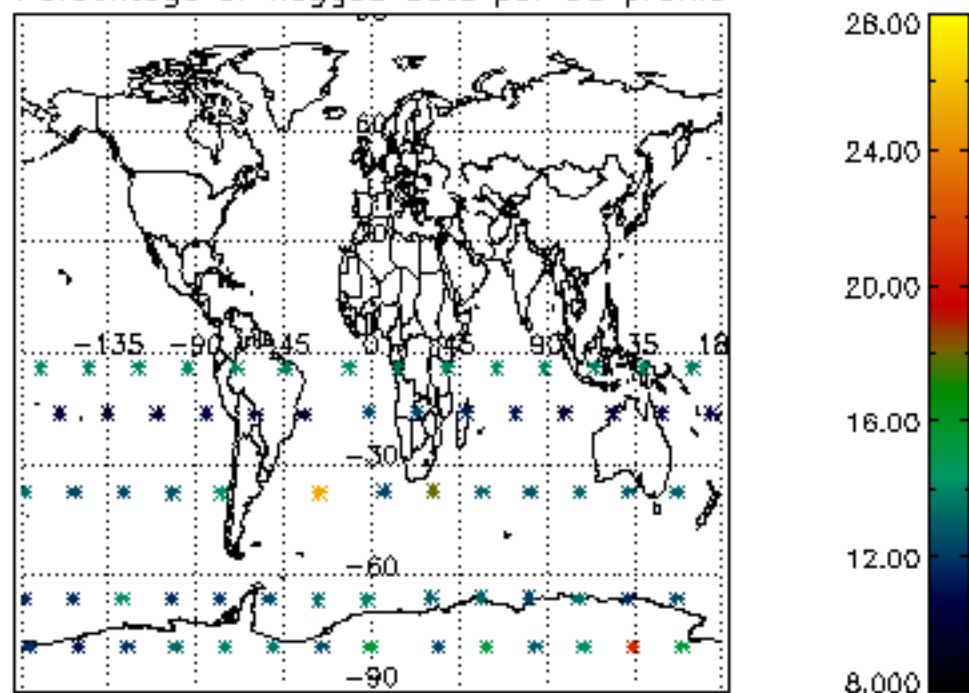
6. Auxiliary Data Files used for the production reported in section 2

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

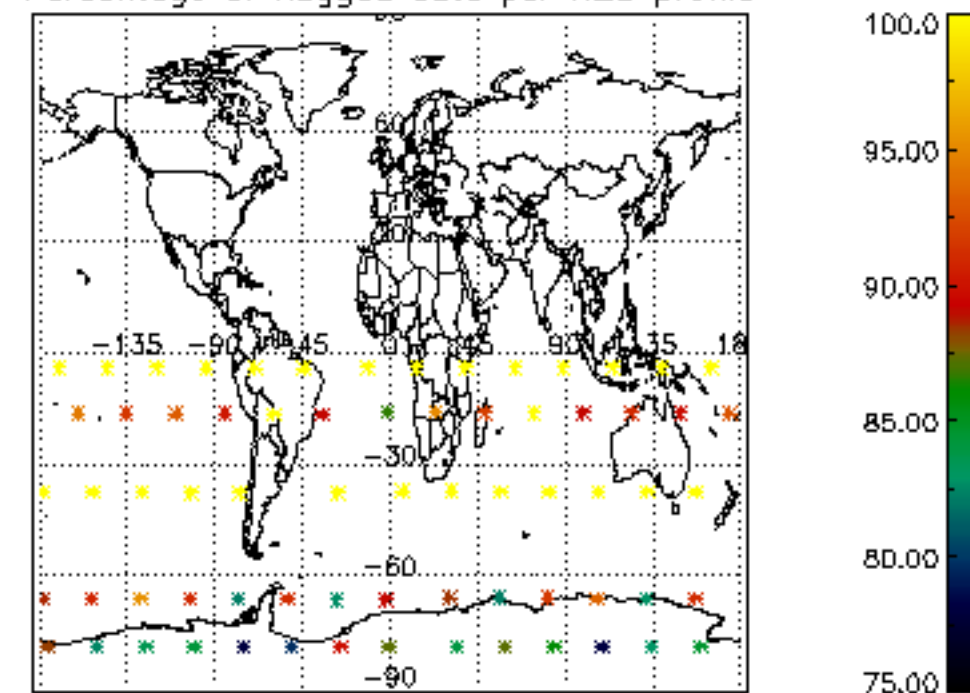
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 08-JUL-2008 00:01:01 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 08-JUL-2008 00:01:01 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 08-JUL-2008 00:01:01 |



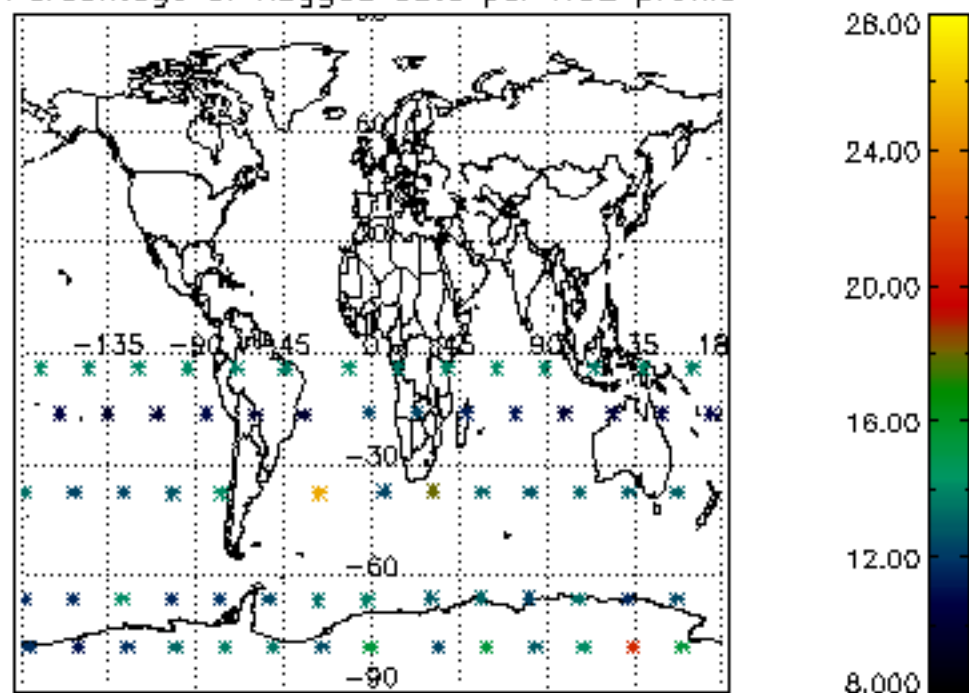
Percentage of flagged data per D3 profile



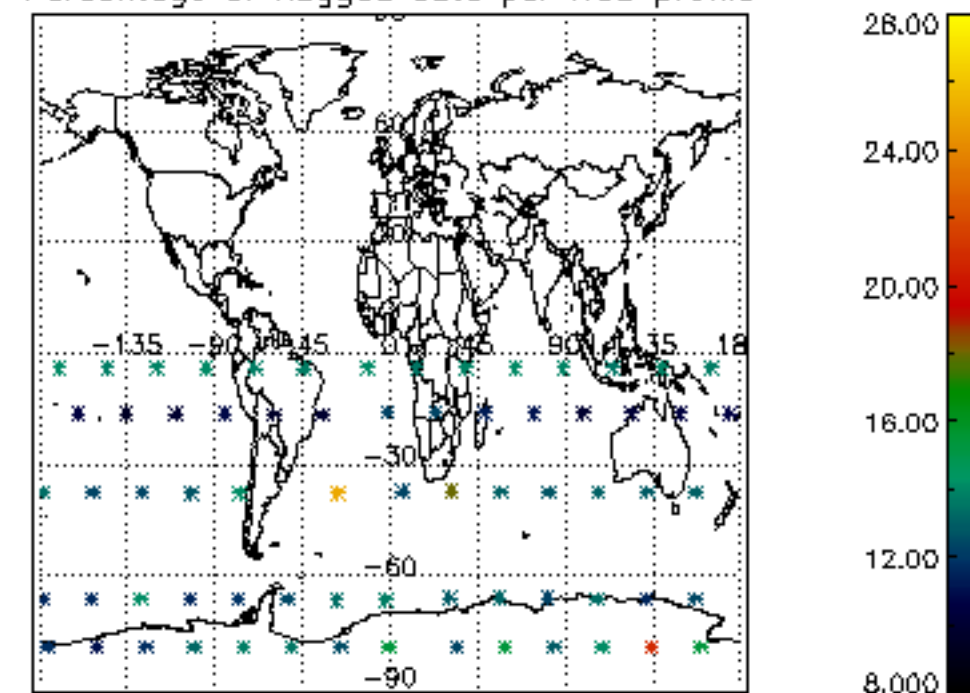
Percentage of flagged data per H2O profile

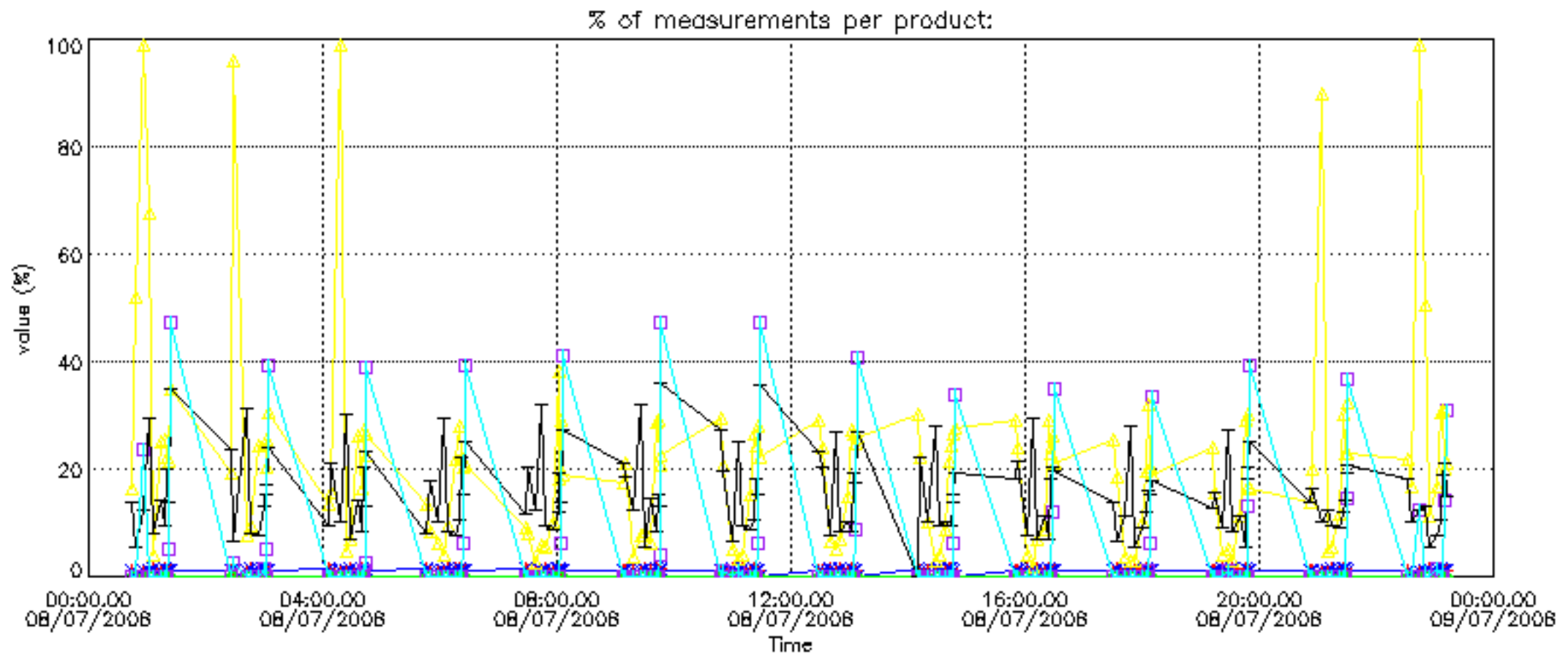


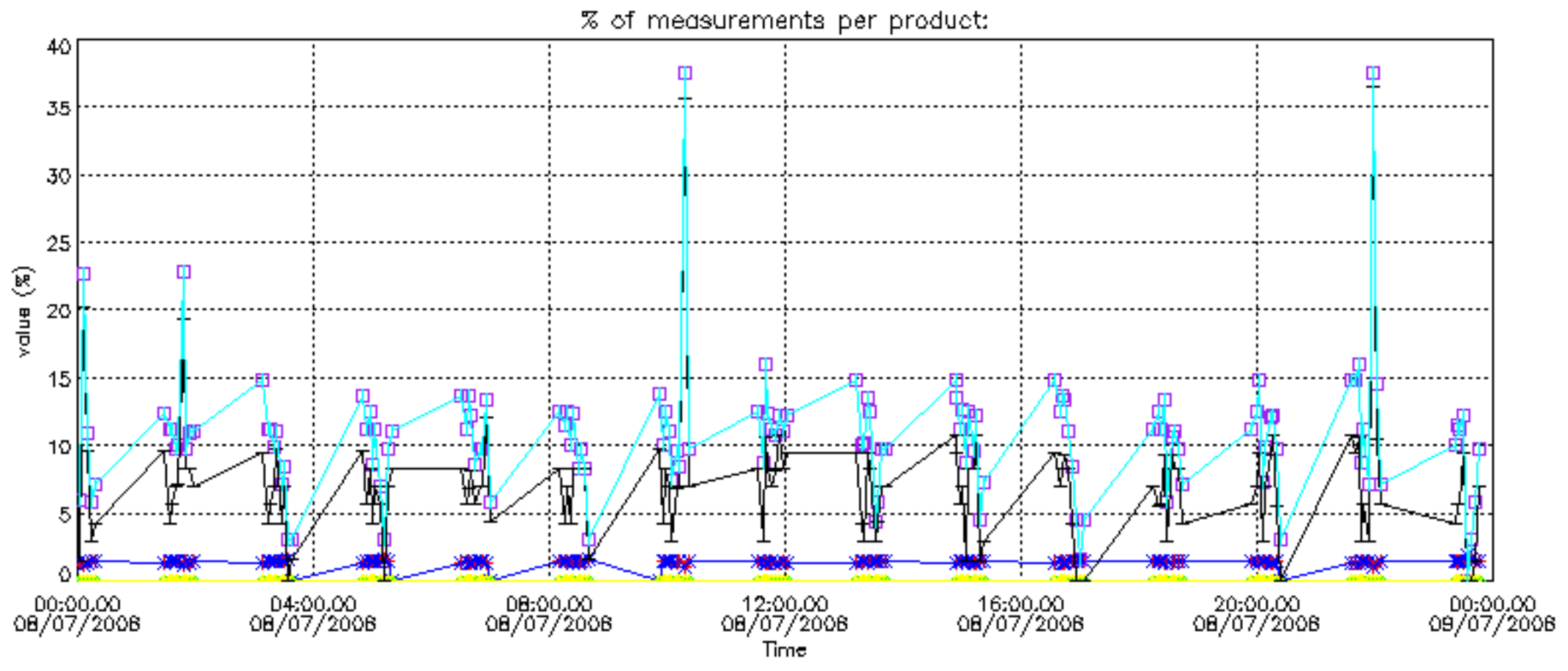
Percentage of flagged data per NO2 profile



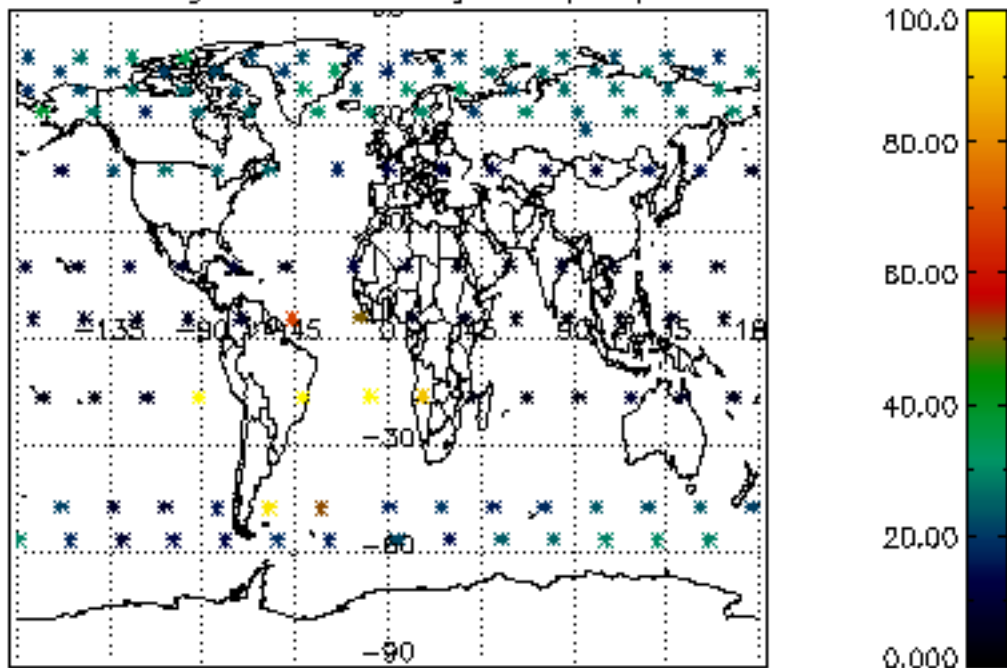
Percentage of flagged data per NO3 profile



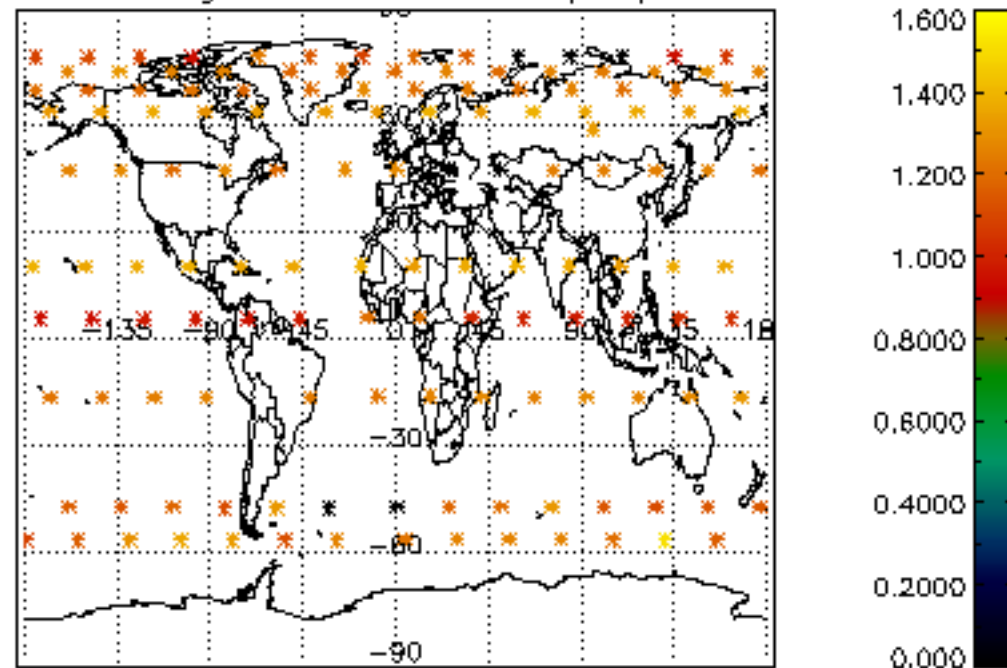




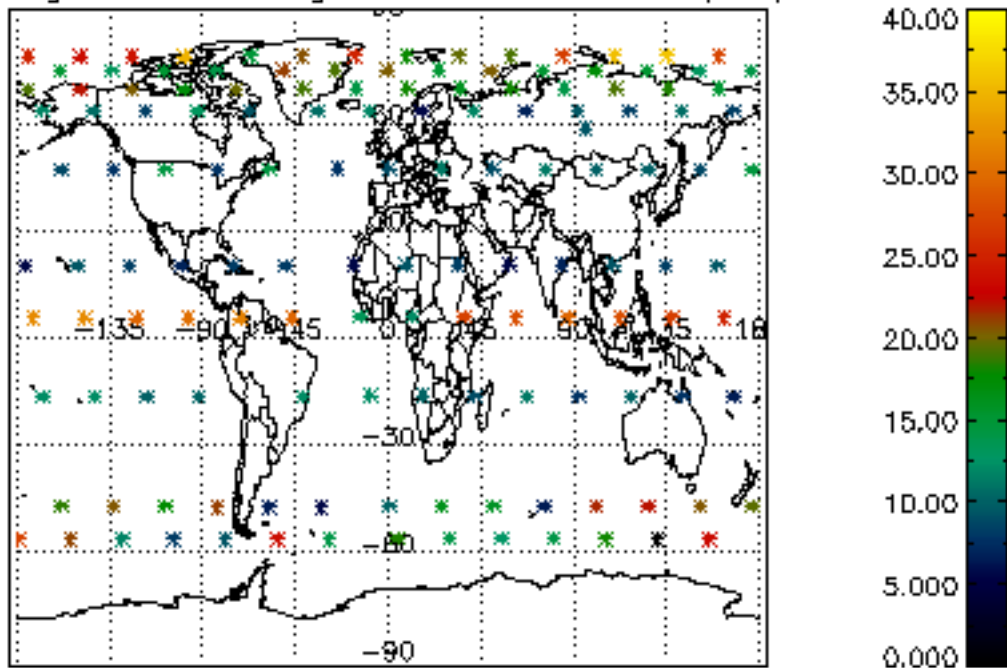
Percentage of cosmic ray hits per profile



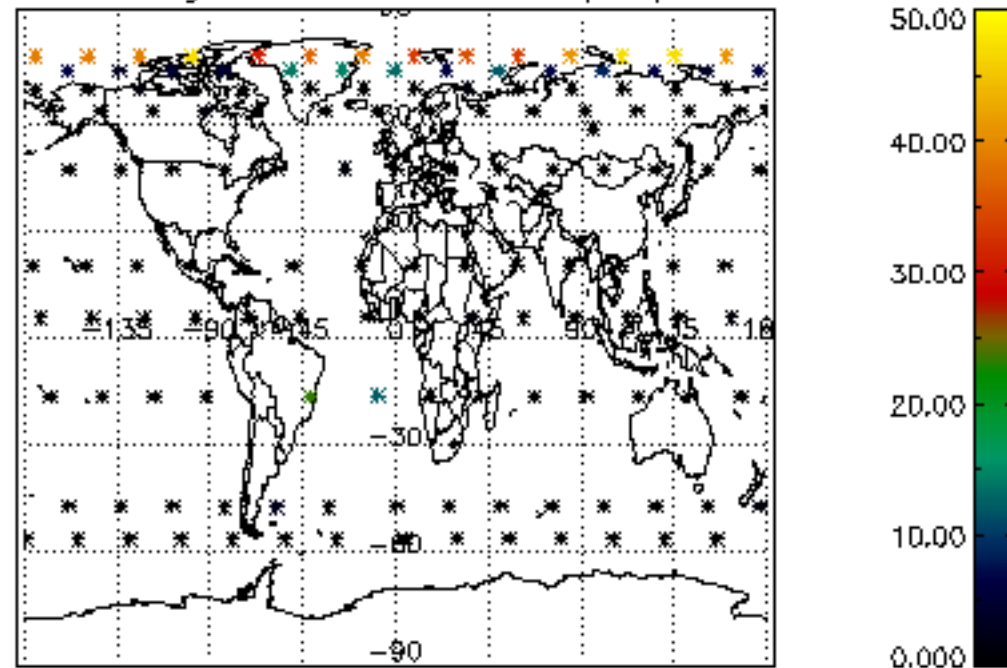
Percentage of datation errors per profile



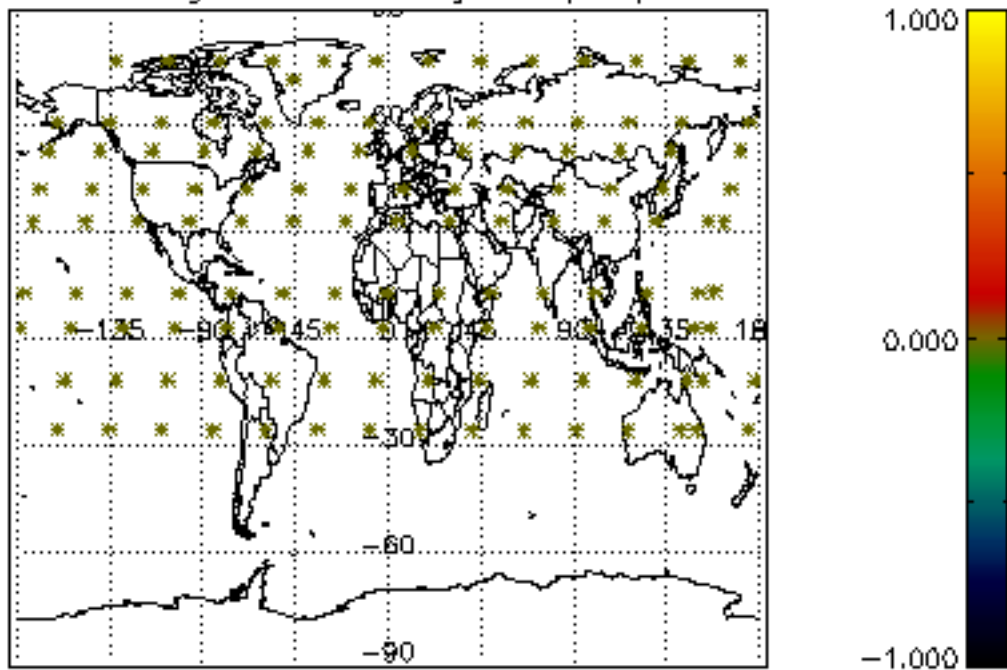
Percentage of star falling outside central band per profile



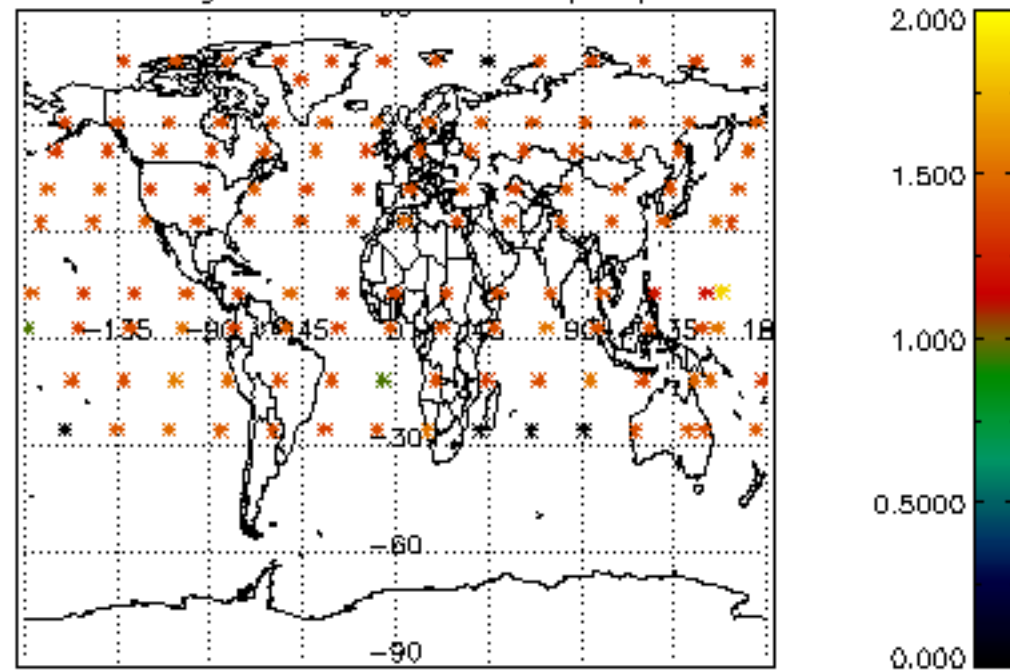
Percentage of saturation errors per profile



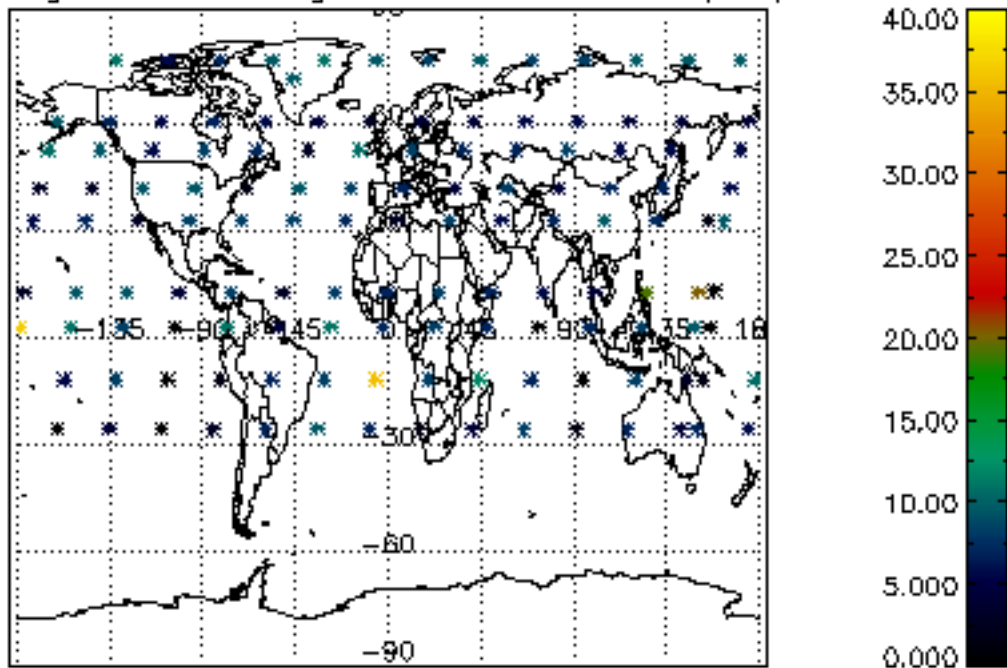
Percentage of cosmic ray hits per profile



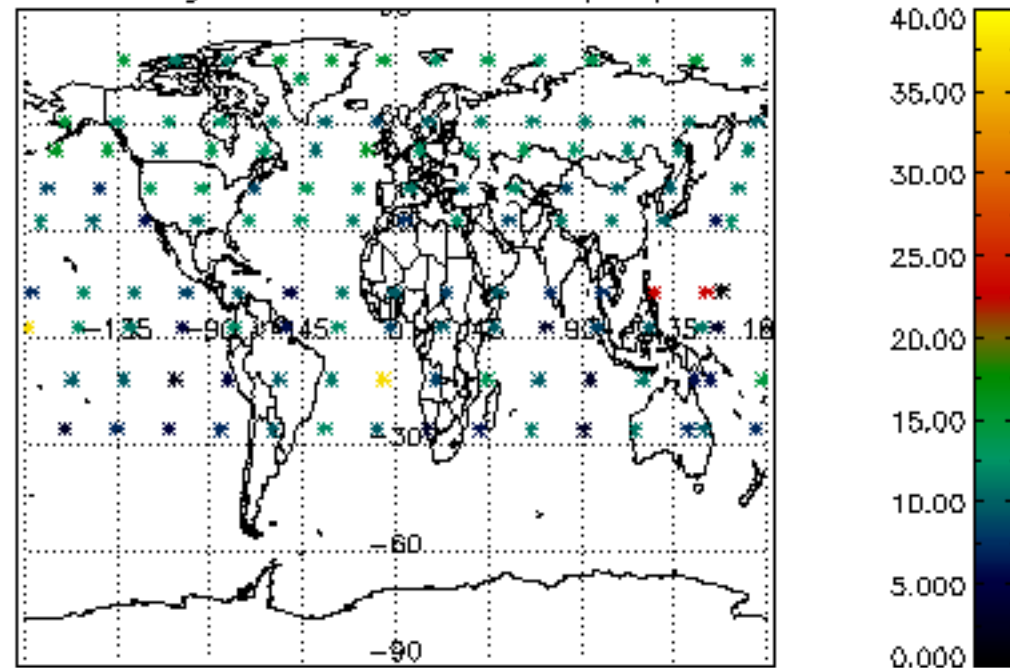
Percentage of datation errors per profile

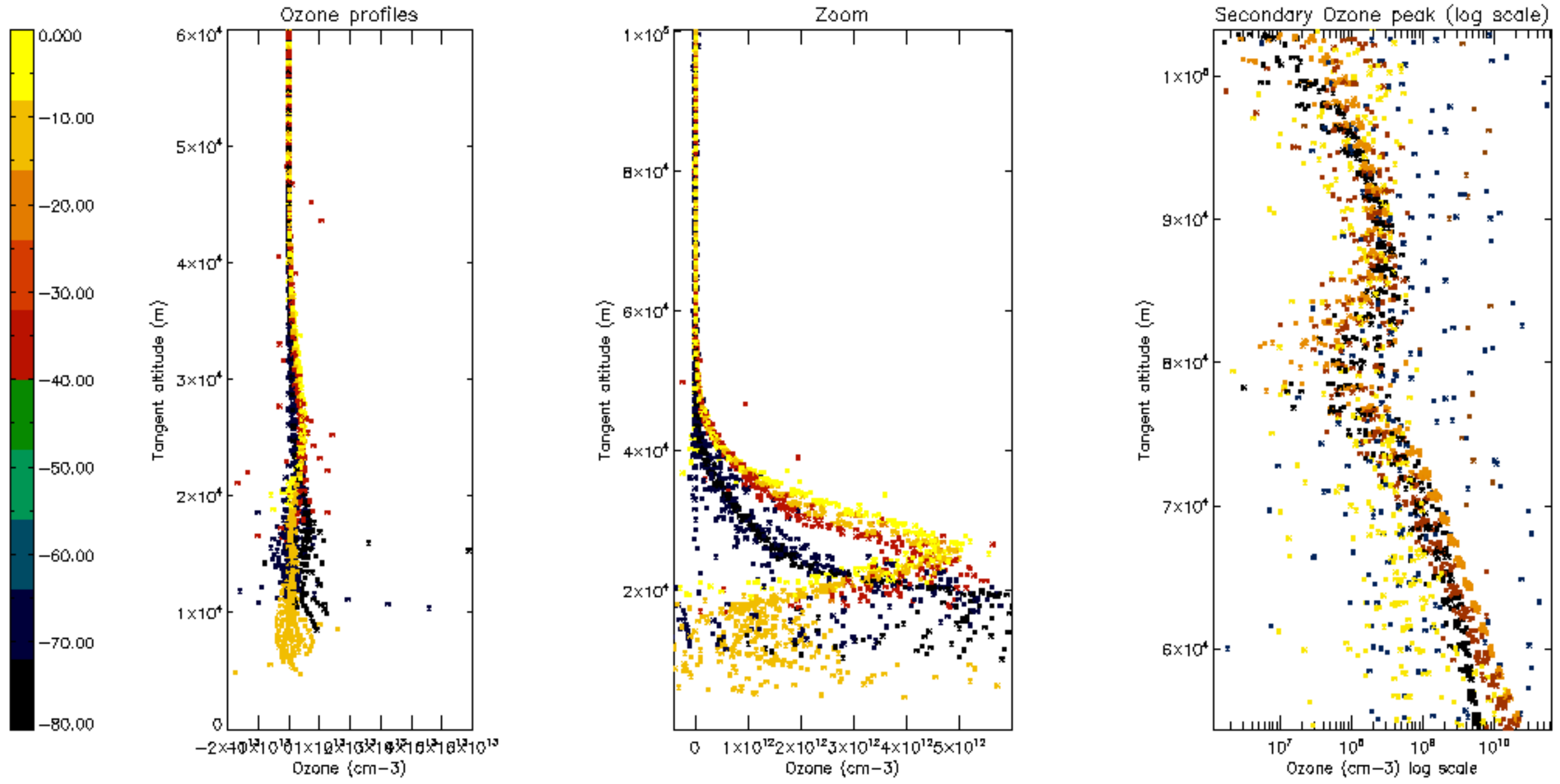


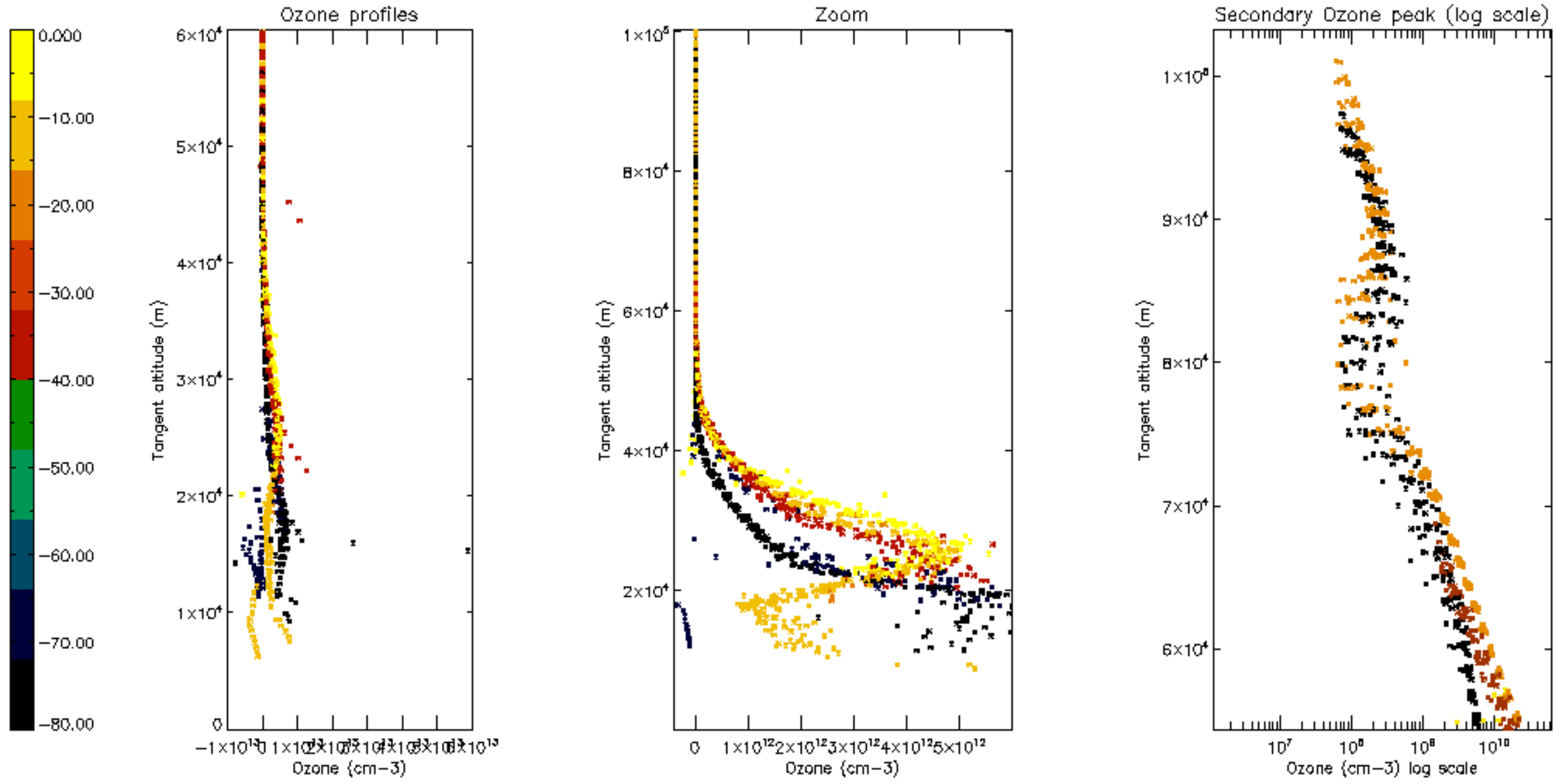
Percentage of star falling outside central band per profile

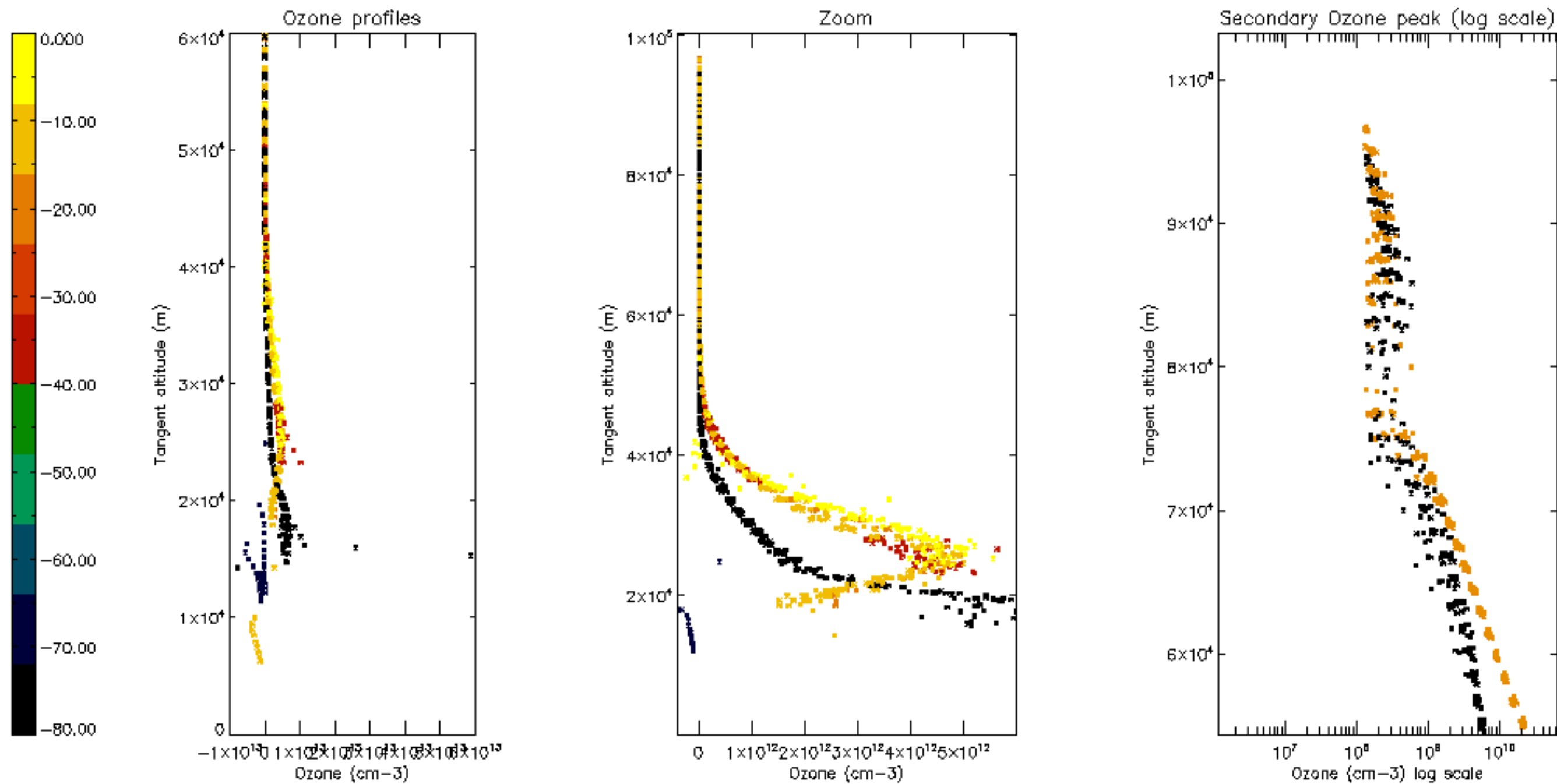


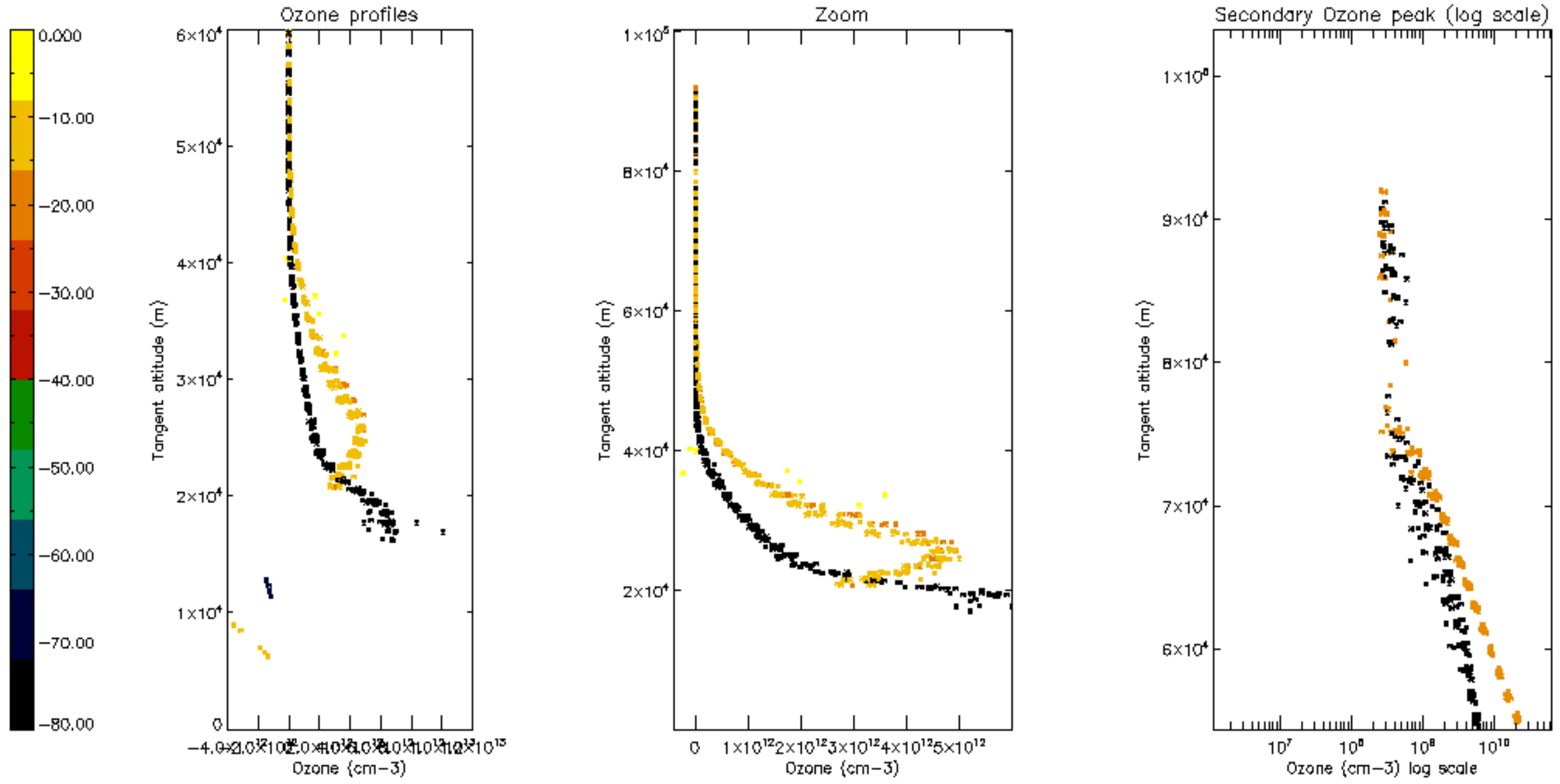
Percentage of saturation errors per profile

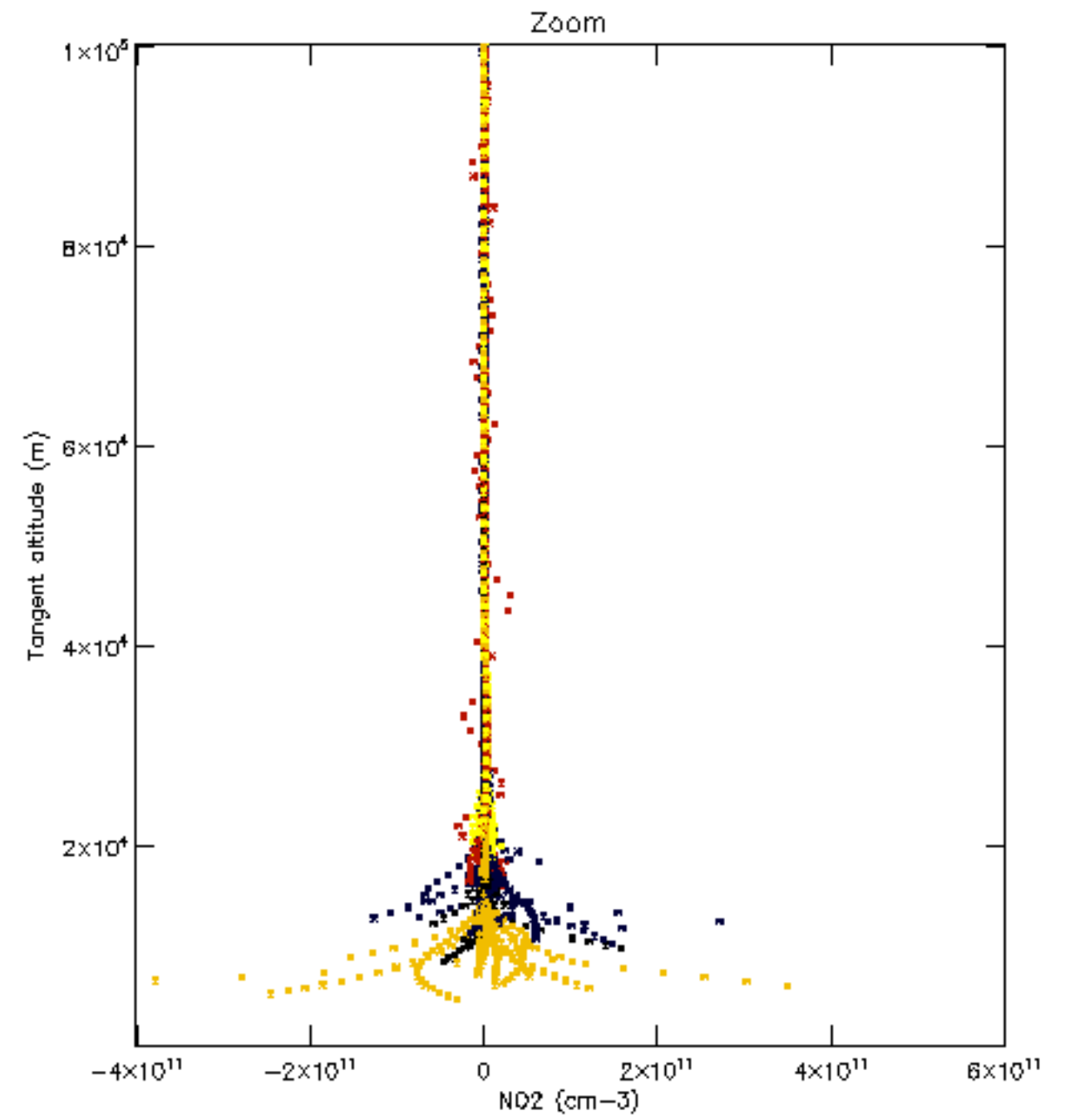
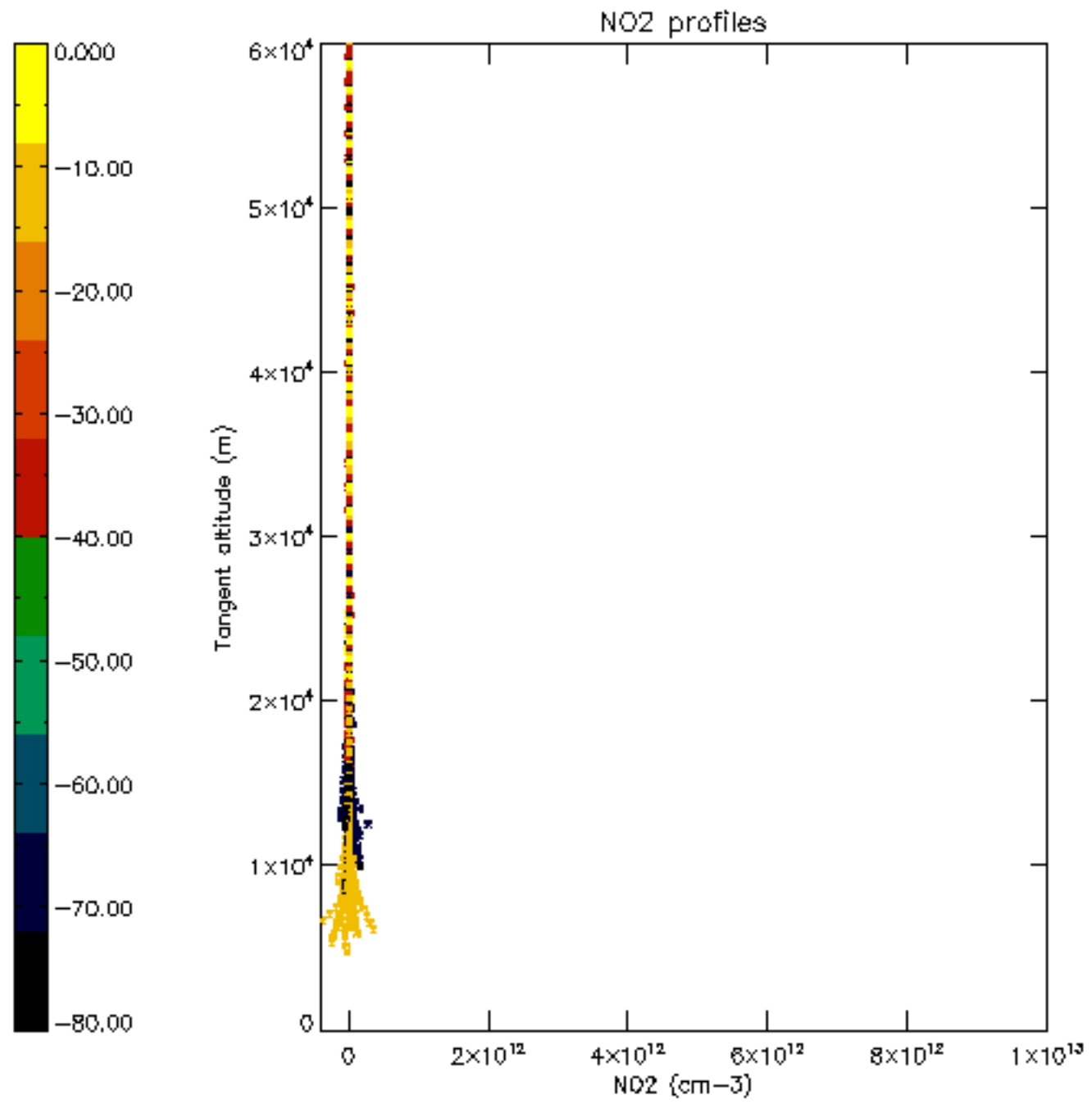


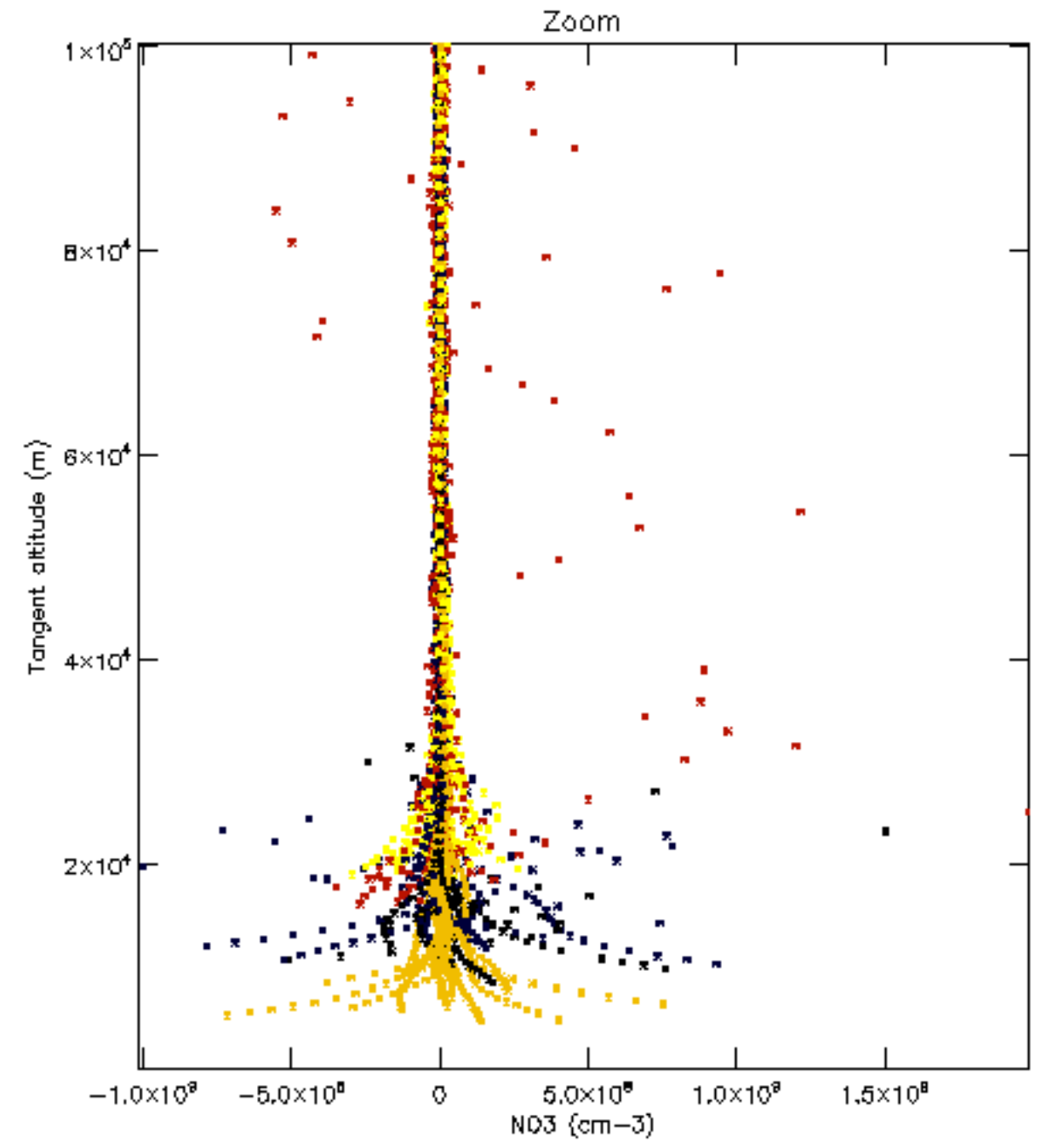
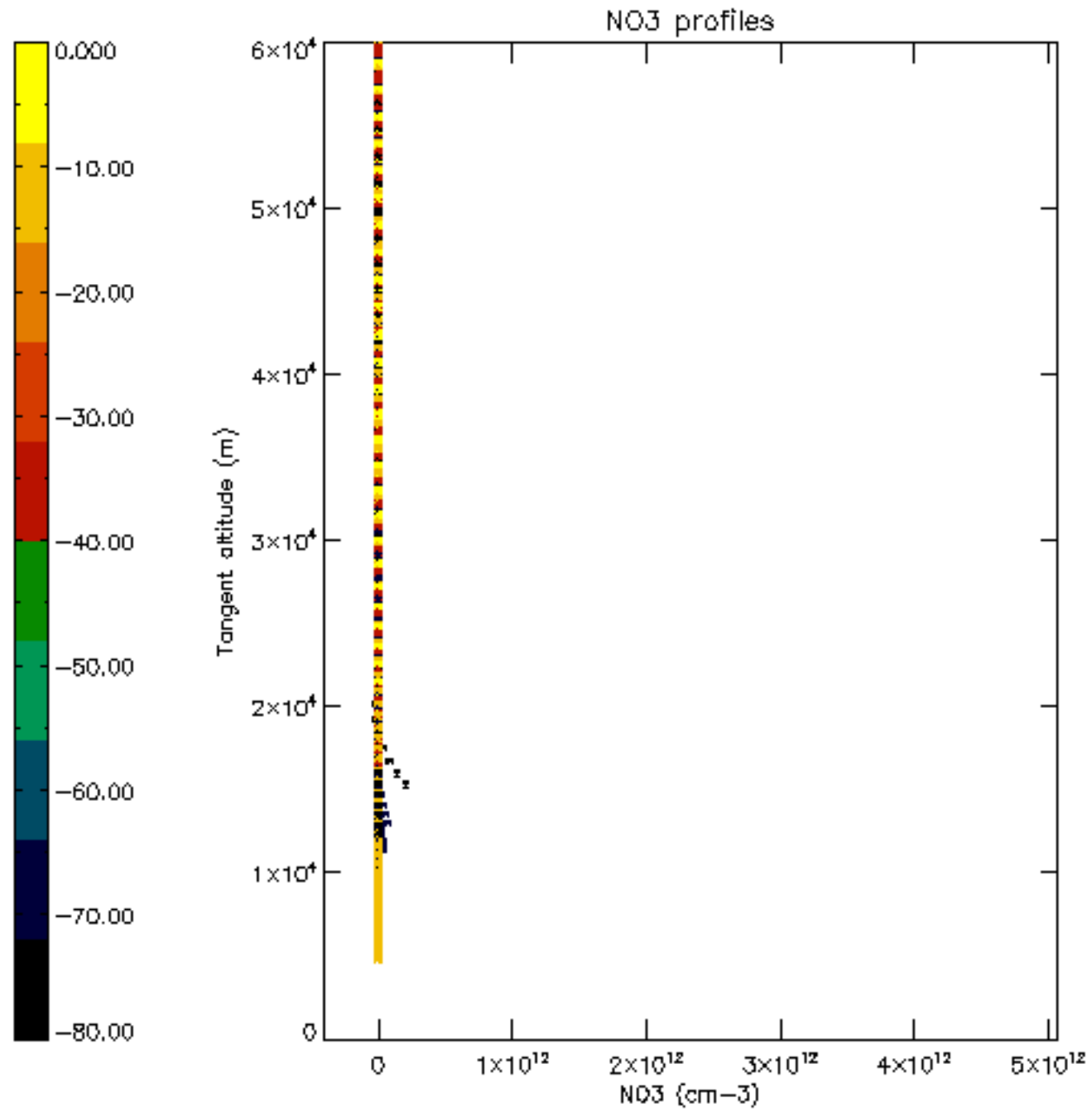


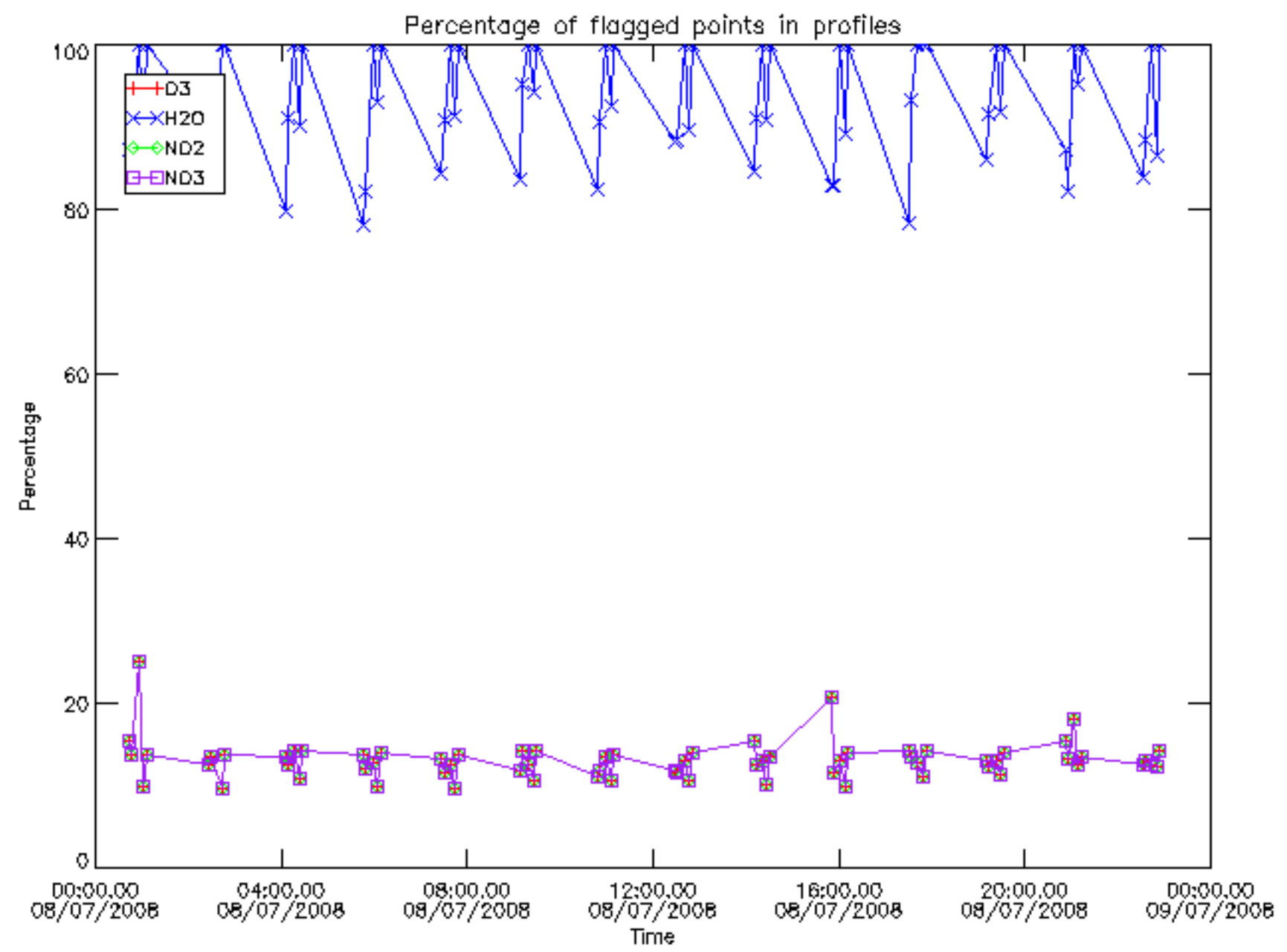




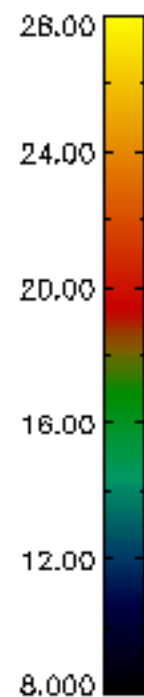
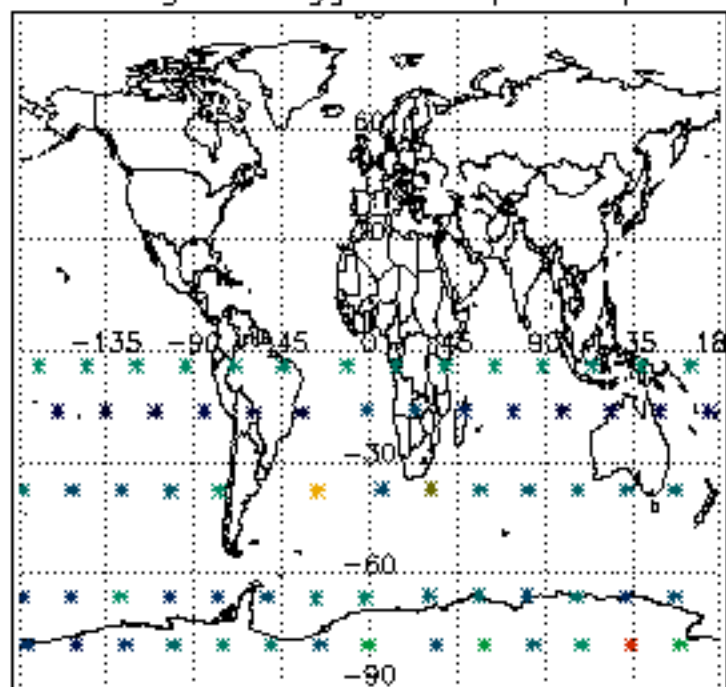




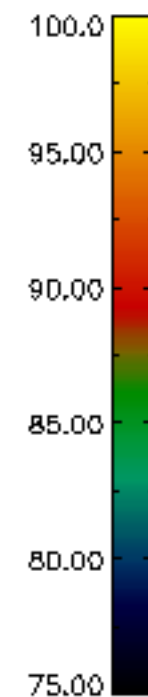
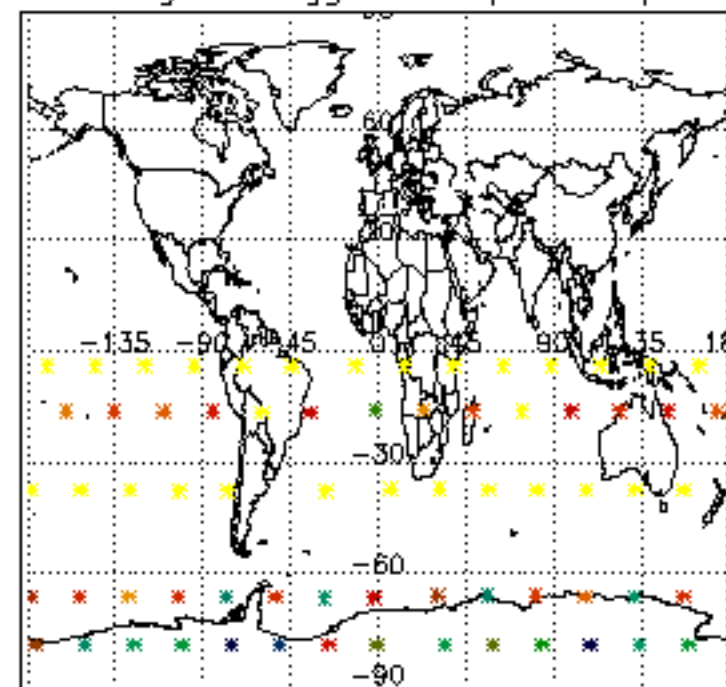




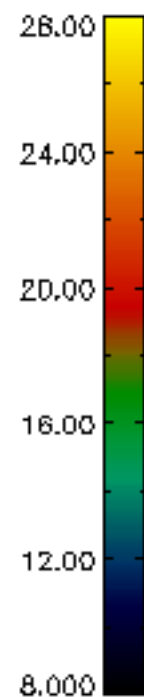
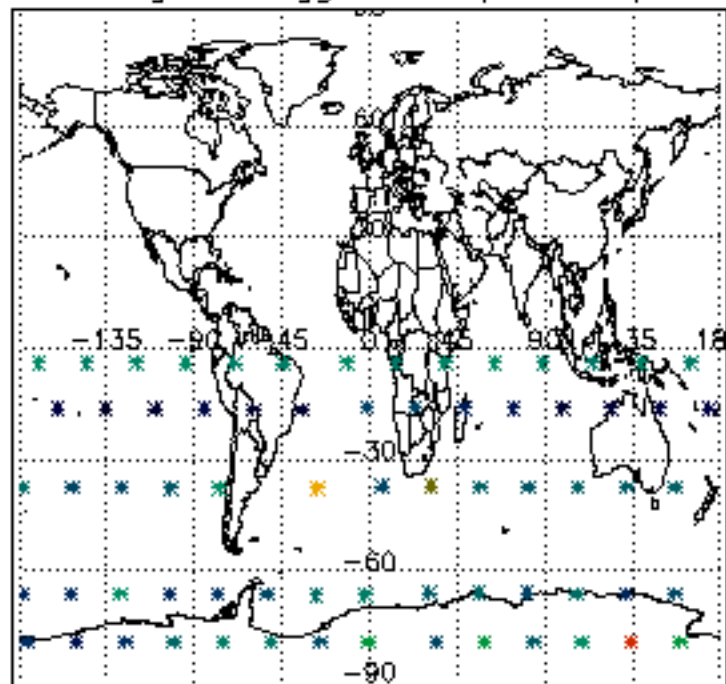
Percentage of flagged data per D3 profile



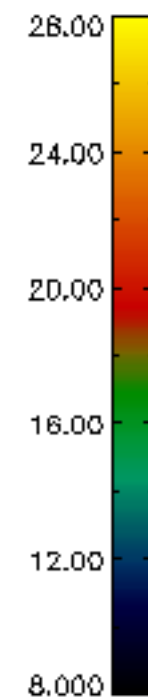
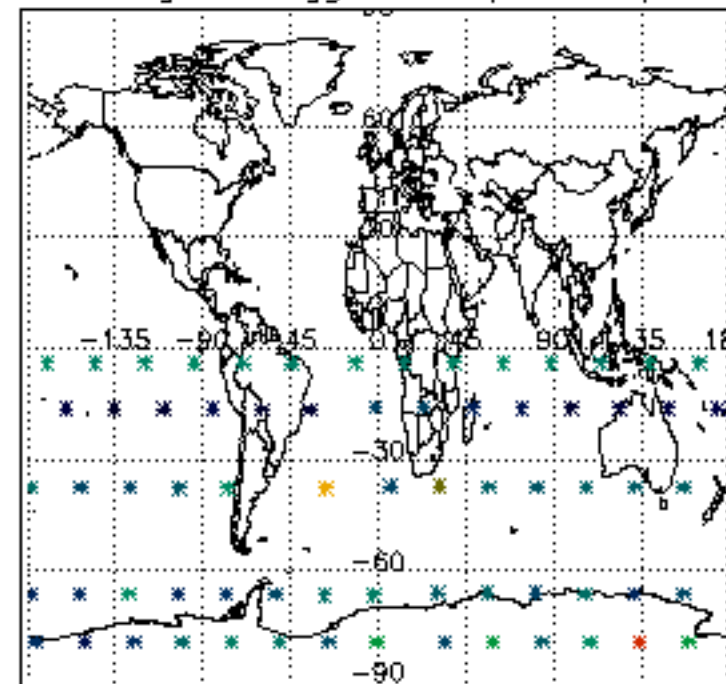
Percentage of flagged data per H2O profile

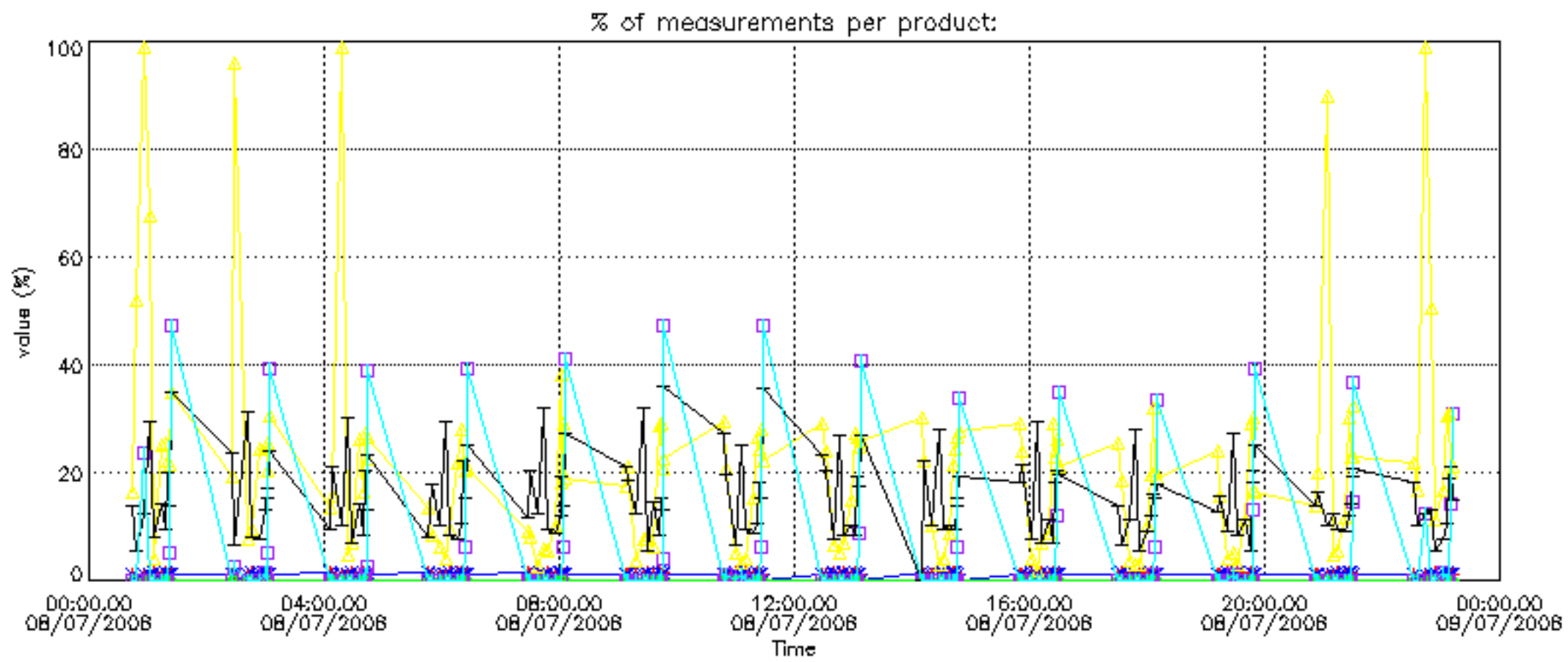


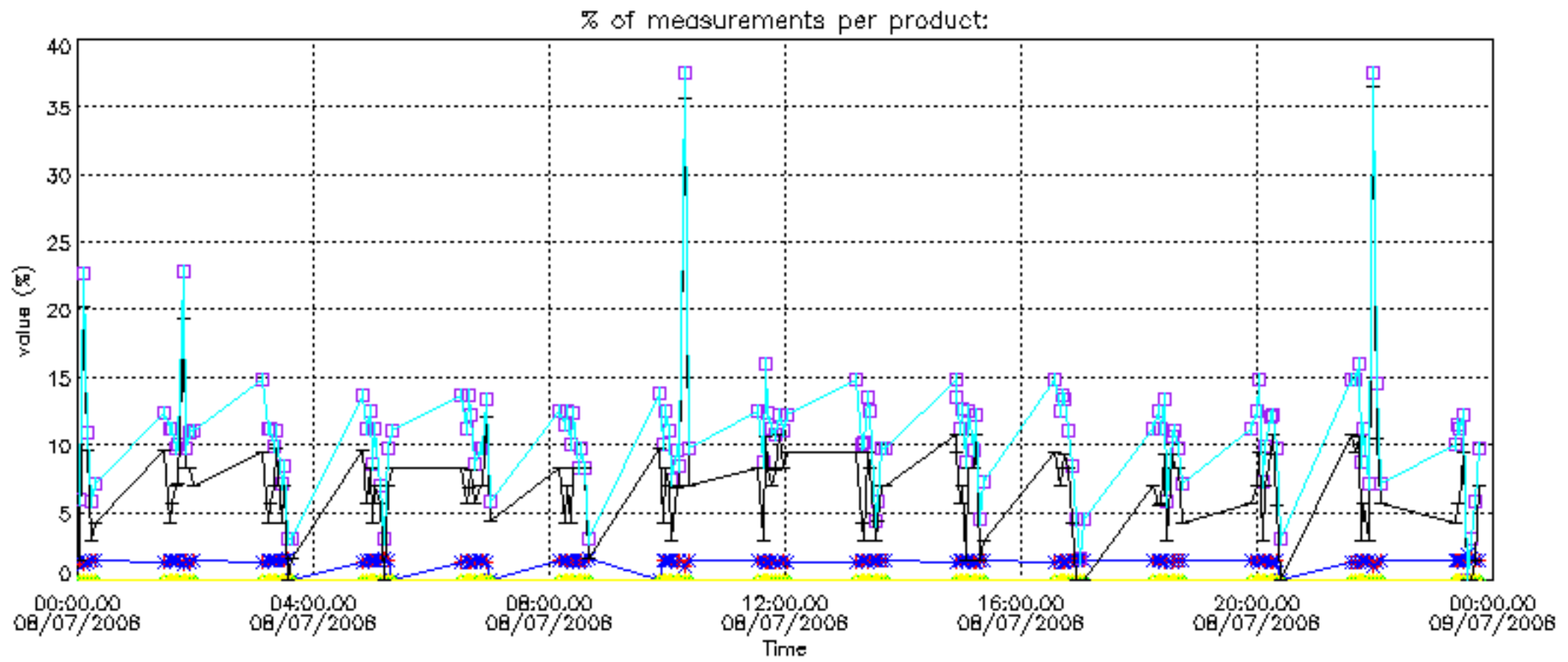
Percentage of flagged data per NO2 profile



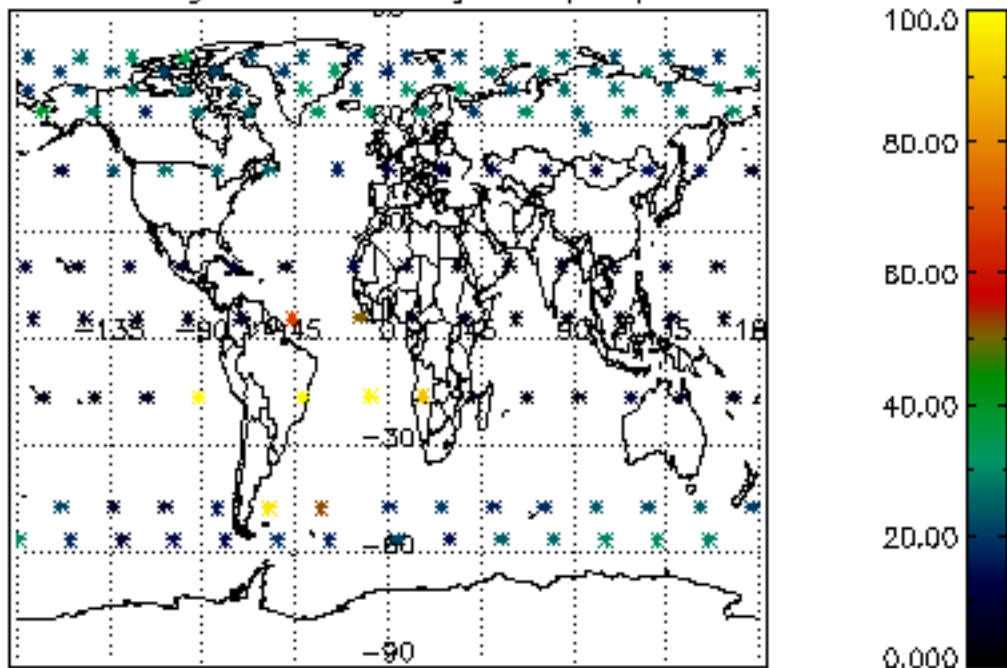
Percentage of flagged data per NO3 profile



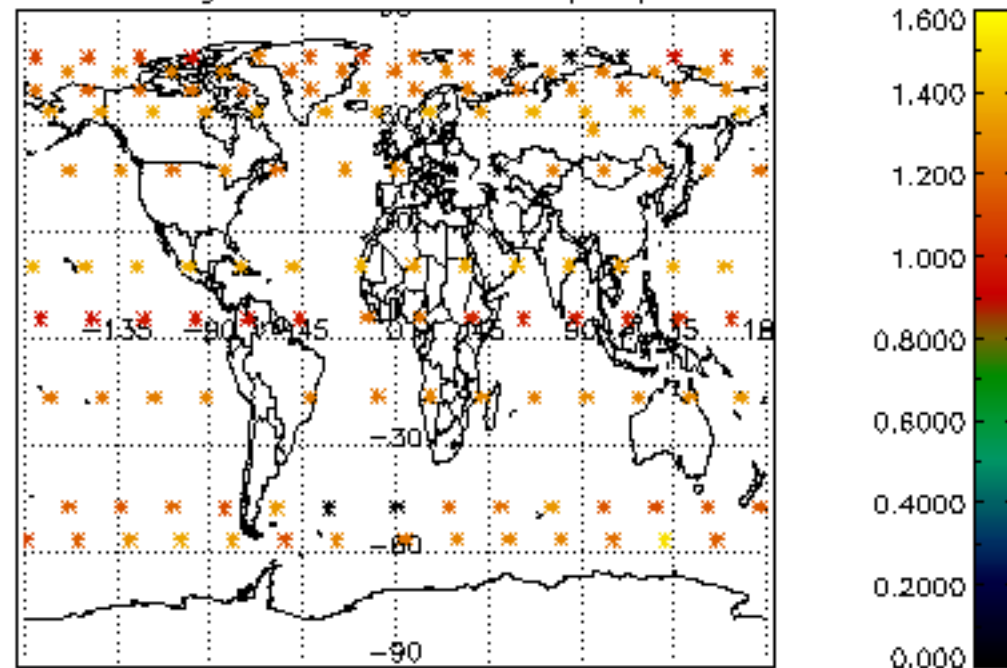




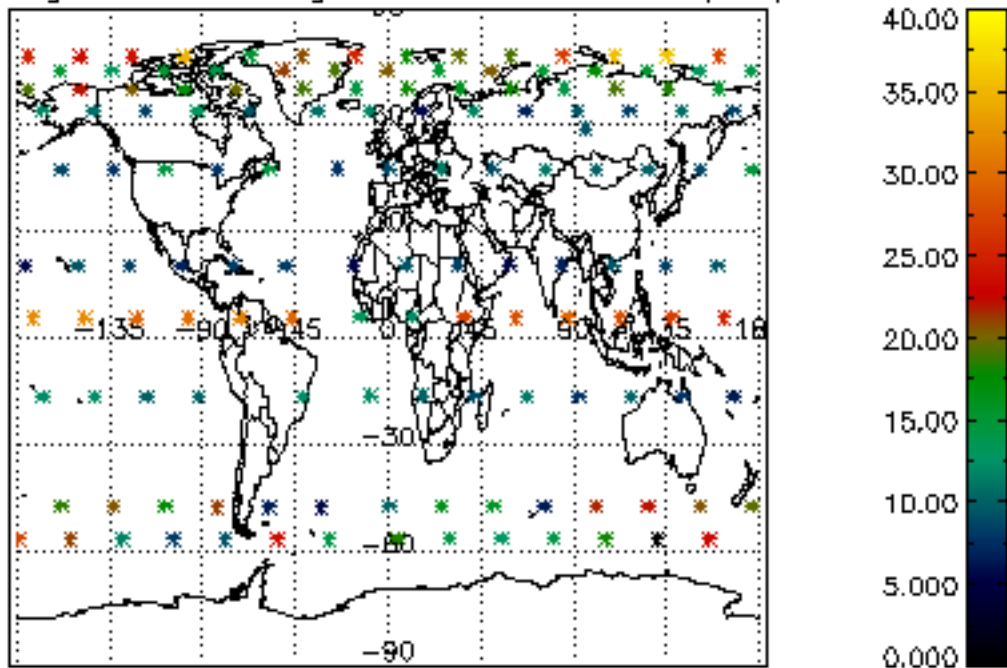
Percentage of cosmic ray hits per profile



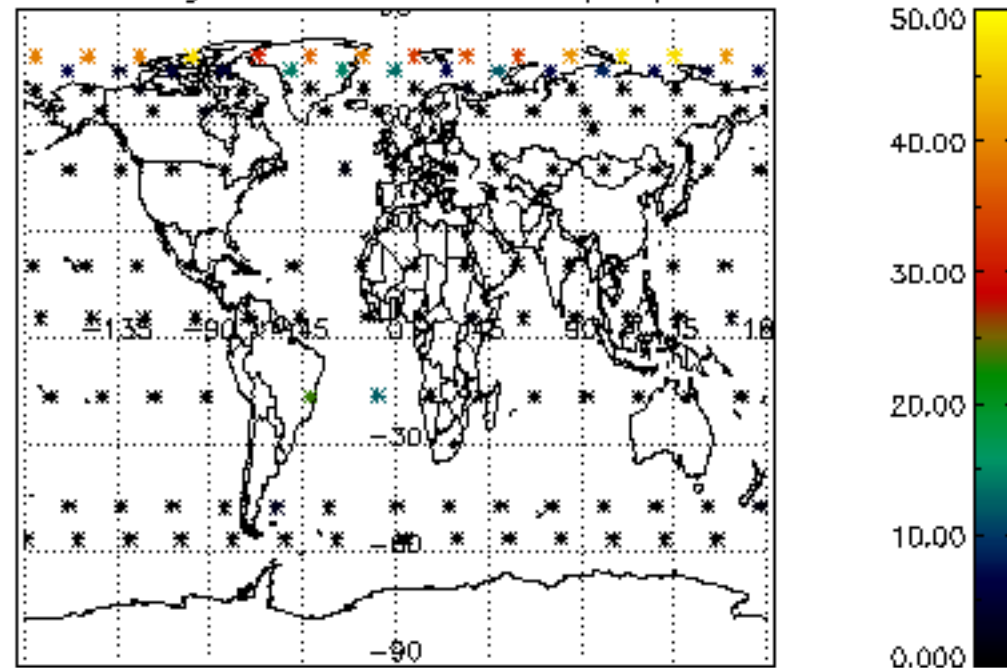
Percentage of datation errors per profile



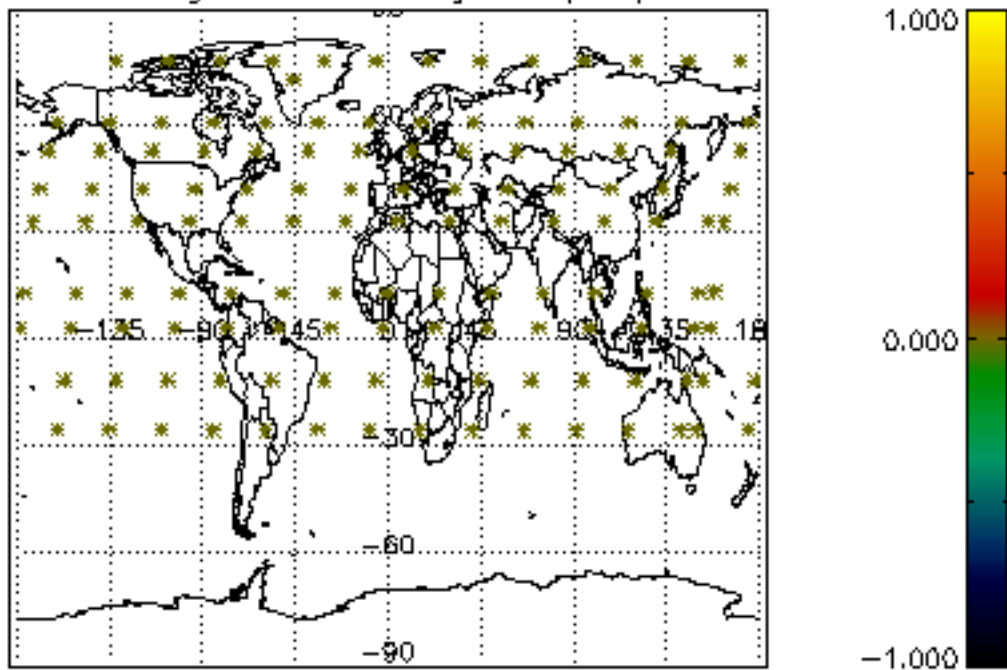
Percentage of star falling outside central band per profile



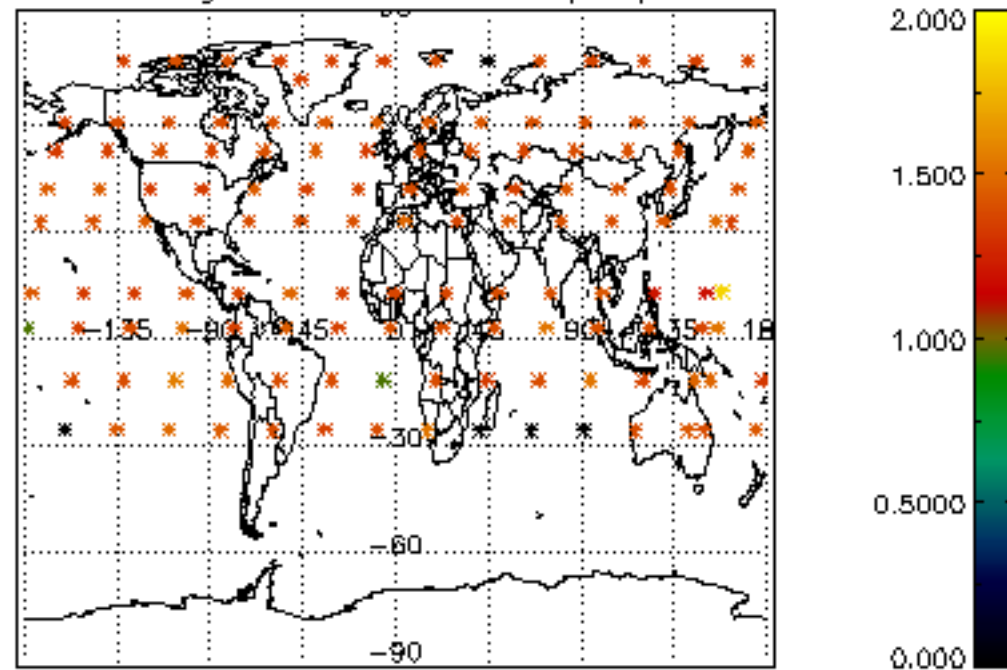
Percentage of saturation errors per profile



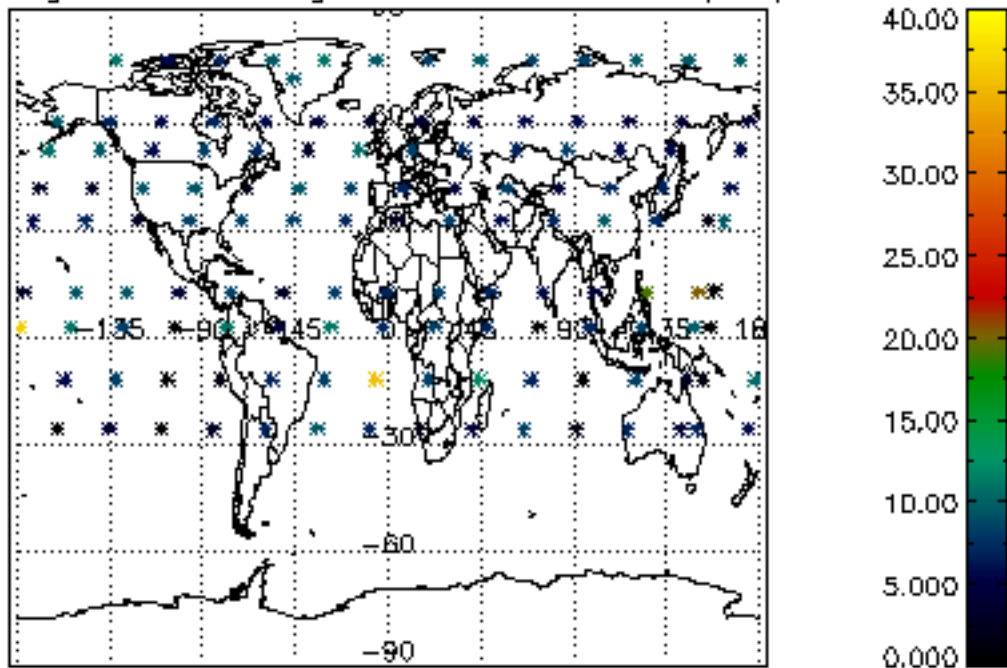
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

