

GOMOS Level 2 Daily Report

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 26APR2013 09:21:32 |
| Data source version | GOMOS/6.01 |
| Start time of products | 08-05-2009 (08MAY2009 00:00:00) |
| Stop time of products | 09-05-2009 (09MAY2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 182 |
| 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__2PRFIN20090508_001947_000000472078_00446_37574_3245.N1 | 08-MAY-2009 00:19:47 | Straylight | 46.500 | 40 | The Sco | 1.8590 | 7100.0 | 93 | 37574 | No |
| 2 | GOM_NL__2PRFIN20090508_002138_000000502078_00446_37574_3246.N1 | 08-MAY-2009 00:21:38 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37574 | No |
| 3 | GOM_NL__2PRFIN20090508_002422_000000472078_00446_37574_3247.N1 | 08-MAY-2009 00:24:22 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37574 | No |
| 4 | GOM_NL__2PRFIN20090508_002746_000000482078_00446_37574_3248.N1 | 08-MAY-2009 00:27:46 | Twilight_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37574 | No |
| 5 | GOM_NL__2PRFIN20090508_002944_000000452078_00446_37574_3249.N1 | 08-MAY-2009 00:29:44 | Twilight_stray | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37574 | No |
| 6 | GOM_NL__2PRFIN20090508_003440_000000422078_00446_37574_3250.N1 | 08-MAY-2009 00:34:40 | Bright | 42.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 84 | 37574 | No |
| 7 | GOM_NL__2PRFIN20090508_004046_000000522078_00446_37574_3251.N1 | 08-MAY-2009 00:40:46 | Bright | 52.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 104 | 37574 | No |
| 8 | GOM_NL__2PRFIN20090508_004608_000000402078_00446_37574_3252.N1 | 08-MAY-2009 00:46:08 | Bright | 40.000 | 83 | | 2.3780 | 11000. | 80 | 37574 | No |
| 9 | GOM_NL__2PRFIN20090508_004733_000000462078_00446_37574_3253.N1 | 08-MAY-2009 00:47:33 | Bright | 46.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 92 | 37574 | No |
| 10 | GOM_NL__2PRFIN20090508_005826_000000422078_00446_37574_3254.N1 | 08-MAY-2009 00:58:26 | Bright | 41.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 83 | 37574 | No |
| 11 | GOM_NL__2PRFIN20090508_010910_000000372078_00446_37574_3255.N1 | 08-MAY-2009 01:09:10 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37574 | No |
| 12 | GOM_NL__2PRFIN20090508_012151_000000352078_00446_37574_3256.N1 | 08-MAY-2009 01:21:51 | Twilight_stray | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37574 | No |
| 13 | GOM_NL__2PRFIN20090508_012606_000000362078_00446_37574_3257.N1 | 08-MAY-2009 01:26:06 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37574 | No |
| 14 | GOM_NL__2PRFIN20090508_013349_000000502078_00446_37574_3258.N1 | 08-MAY-2009 01:33:49 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37574 | No |
| 15 | GOM_NL__2PRFIN20090508_020024_000000472078_00447_37575_3261.N1 | 08-MAY-2009 02:00:24 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37575 | No |
| 16 | GOM_NL__2PRFIN20090508_020214_000000512078_00447_37575_3262.N1 | 08-MAY-2009 02:02:14 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37575 | No |
| 17 | GOM_NL__2PRFIN20090508_020458_000000472078_00447_37575_3263.N1 | 08-MAY-2009 02:04:58 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37575 | No |
| 18 | GOM_NL__2PRFIN20090508_020823_000000482078_00447_37575_3264.N1 | 08-MAY-2009 02:08:23 | Twilight_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37575 | No |
| 19 | GOM_NL__2PRFIN20090508_021020_000000452078_00447_37575_3265.N1 | 08-MAY-2009 02:10:20 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37575 | No |
| 20 | GOM_NL__2PRFIN20090508_021517_000000422078_00447_37575_3266.N1 | 08-MAY-2009 02:15:17 | Bright | 42.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 84 | 37575 | No |
| 21 | GOM_NL__2PRFIN20090508_022121_000000522078_00447_37575_3267.N1 | 08-MAY-2009 02:21:21 | Bright | 51.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 103 | 37575 | No |
| 22 | GOM_NL__2PRFIN20090508_022643_000000422078_00447_37575_3268.N1 | 08-MAY-2009 02:26:43 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 37575 | No |
| 23 | GOM_NL__2PRFIN20090508_022808_000000482078_00447_37575_3269.N1 | 08-MAY-2009 02:28:08 | Bright | 48.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 96 | 37575 | No |
| 24 | GOM_NL__2PRFIN20090508_023901_000000392078_00447_37575_3270.N1 | 08-MAY-2009 02:39:01 | Bright | 39.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 78 | 37575 | No |
| 25 | GOM_NL__2PRFIN20090508_024946_000000372078_00447_37575_3271.N1 | 08-MAY-2009 02:49:46 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 37575 | No |
| 26 | GOM_NL__2PRFIN20090508_030227_000000352078_00447_37575_3272.N1 | 08-MAY-2009 03:02:27 | Twilight_stray | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37575 | No |
| 27 | GOM_NL__2PRFIN20090508_030642_000000362078_00447_37575_3273.N1 | 08-MAY-2009 03:06:42 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37575 | No |
| 28 | GOM_NL__2PRFIN20090508_031426_000000502078_00447_37575_3274.N1 | 08-MAY-2009 03:14:26 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37575 | No |
| 29 | GOM_NL__2PRFIN20090508_034100_000000472078_00448_37576_3276.N1 | 08-MAY-2009 03:41:00 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37576 | No |
| 30 | GOM_NL__2PRFIN20090508_034251_000000512078_00448_37576_3277.N1 | 08-MAY-2009 03:42:51 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37576 | No |
| 31 | GOM_NL__2PRFIN20090508_034534_000000472078_00448_37576_3278.N1 | 08-MAY-2009 03:45:34 | Straylight | 47.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 94 | 37576 | No |
| 32 | GOM_NL__2PRFIN20090508_034859_000000492078_00448_37576_3279.N1 | 08-MAY-2009 03:48:59 | Twilight_stray | 48.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 97 | 37576 | No |
| 33 | GOM_NL__2PRFIN20090508_035056_000000452078_00448_37576_3280.N1 | 08-MAY-2009 03:50:56 | Bright | 45.000 | 80 | 7Del Sco | 2.3160 | 30000. | 90 | 37576 | No |
| 34 | GOM_NL__2PRFIN20090508_035552_000000432078_00448_37576_3281.N1 | 08-MAY-2009 03:55:52 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37576 | No |
| 35 | GOM_NL__2PRFIN20090508_040157_000000502078_00448_37576_3282.N1 | 08-MAY-2009 04:01:57 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37576 | No |
| 36 | GOM_NL__2PRFIN20090508_040719_000000432078_00448_37576_3283.N1 | 08-MAY-2009 04:07:19 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 37576 | No |
| 37 | GOM_NL__2PRFIN20090508_040844_000000522078_00448_37576_3284.N1 | 08-MAY-2009 04:08:44 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 37576 | No |
| 38 | GOM_NL__2PRFIN20090508_041937_000000422078_00448_37576_3285.N1 | 08-MAY-2009 04:19:37 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37576 | No |
| 39 | GOM_NL__2PRFIN20090508_043022_000000382078_00448_37576_3286.N1 | 08-MAY-2009 04:30:22 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37576 | No |
| 40 | GOM_NL__2PRFIN20090508_044304_000000352078_00448_37576_3287.N1 | 08-MAY-2009 04:43:04 | Twilight_stray | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37576 | No |
| 41 | GOM_NL__2PRFIN20090508_044718_000000362078_00448_37576_3288.N1 | 08-MAY-2009 04:47:18 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37576 | No |
| 42 | GOM_NL__2PRFIN20090508_045503_000000502078_00448_37576_3289.N1 | 08-MAY-2009 04:55:03 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37576 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20090508_052137_000000482078_00449_37577_3290.N1 | 08-MAY-2009 05:21:37 | Straylight | 47.500 | 40 | The Sco | 1.8590 | 7100.0 | 95 | 37577 | No |
| 44 | GOM_NL__2PRFIN20090508_052328_000000512078_00449_37577_3291.N1 | 08-MAY-2009 05:23:28 | Straylight | 51.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 102 | 37577 | No |
| 45 | GOM_NL__2PRFIN20090508_052611_000000472078_00449_37577_3292.N1 | 08-MAY-2009 05:26:11 | Straylight | 47.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 94 | 37577 | No |
| 46 | GOM_NL__2PRFIN20090508_052936_000000482078_00449_37577_3293.N1 | 08-MAY-2009 05:29:36 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37577 | No |
| 47 | GOM_NL__2PRFIN20090508_053133_000000452078_00449_37577_3294.N1 | 08-MAY-2009 05:31:33 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37577 | No |
| 48 | GOM_NL__2PRFIN20090508_053628_000000432078_00449_37577_3295.N1 | 08-MAY-2009 05:36:28 | Bright | 43.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 86 | 37577 | No |
| 49 | GOM_NL__2PRFIN20090508_054232_000000512078_00449_37577_3296.N1 | 08-MAY-2009 05:42:32 | Bright | 51.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 102 | 37577 | No |
| 50 | GOM_NL__2PRFIN20090508_054754_000000432078_00449_37577_3297.N1 | 08-MAY-2009 05:47:54 | Bright | 42.500 | 83 | | 2.3780 | 11000. | 85 | 37577 | No |
| 51 | GOM_NL__2PRFIN20090508_054918_000000552078_00449_37577_3298.N1 | 08-MAY-2009 05:49:18 | Bright | 54.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 109 | 37577 | No |
| 52 | GOM_NL__2PRFIN20090508_060012_000000422078_00449_37577_3299.N1 | 08-MAY-2009 06:00:12 | Bright | 41.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 83 | 37577 | No |
| 53 | GOM_NL__2PRFIN20090508_061057_000000382078_00449_37577_3300.N1 | 08-MAY-2009 06:10:57 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37577 | No |
| 54 | GOM_NL__2PRFIN20090508_062340_000000352078_00449_37577_3301.N1 | 08-MAY-2009 06:23:40 | Tw_i_and_stray | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37577 | No |
| 55 | GOM_NL__2PRFIN20090508_062755_000000362078_00449_37577_3302.N1 | 08-MAY-2009 06:27:55 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37577 | No |
| 56 | GOM_NL__2PRFIN20090508_063540_000000502078_00449_37577_3303.N1 | 08-MAY-2009 06:35:40 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37577 | No |
| 57 | GOM_NL__2PRFIN20090508_070214_000000482078_00450_37578_3304.N1 | 08-MAY-2009 07:02:14 | Straylight | 47.500 | 40 | The Sco | 1.8590 | 7100.0 | 95 | 37578 | No |
| 58 | GOM_NL__2PRFIN20090508_070405_000000512078_00450_37578_3305.N1 | 08-MAY-2009 07:04:05 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37578 | No |
| 59 | GOM_NL__2PRFIN20090508_070648_000000472078_00450_37578_3306.N1 | 08-MAY-2009 07:06:48 | Straylight | 47.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 94 | 37578 | No |
| 60 | GOM_NL__2PRFIN20090508_071012_000000492078_00450_37578_3307.N1 | 08-MAY-2009 07:10:12 | Tw_i_and_stray | 49.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 98 | 37578 | No |
| 61 | GOM_NL__2PRFIN20090508_071209_000000452078_00450_37578_3308.N1 | 08-MAY-2009 07:12:09 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37578 | No |
| 62 | GOM_NL__2PRFIN20090508_071705_000000422078_00450_37578_3309.N1 | 08-MAY-2009 07:17:05 | Bright | 42.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 84 | 37578 | No |
| 63 | GOM_NL__2PRFIN20090508_072308_000000512078_00450_37578_3310.N1 | 08-MAY-2009 07:23:08 | Bright | 50.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 101 | 37578 | No |
| 64 | GOM_NL__2PRFIN20090508_072831_000000422078_00450_37578_3311.N1 | 08-MAY-2009 07:28:31 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 37578 | No |
| 65 | GOM_NL__2PRFIN20090508_072954_000000502078_00450_37578_3312.N1 | 08-MAY-2009 07:29:54 | Bright | 50.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 100 | 37578 | No |
| 66 | GOM_NL__2PRFIN20090508_074048_000000632078_00450_37578_3313.N1 | 08-MAY-2009 07:40:48 | Bright | 63.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 126 | 37578 | No |
| 67 | GOM_NL__2PRFIN20090508_075133_000000372078_00450_37578_3314.N1 | 08-MAY-2009 07:51:33 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37578 | No |
| 68 | GOM_NL__2PRFIN20090508_080416_000000352078_00450_37578_3315.N1 | 08-MAY-2009 08:04:16 | Tw_i_and_stray | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37578 | No |
| 69 | GOM_NL__2PRFIN20090508_080831_000000362078_00450_37578_3316.N1 | 08-MAY-2009 08:08:31 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37578 | No |
| 70 | GOM_NL__2PRFIN20090508_081617_000000512078_00450_37578_3317.N1 | 08-MAY-2009 08:16:17 | Dark | 50.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 101 | 37578 | No |
| 71 | GOM_NL__2PRFIN20090508_102327_000000472078_00452_37580_3359.N1 | 08-MAY-2009 10:23:27 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37580 | No |
| 72 | GOM_NL__2PRFIN20090508_102518_000000502078_00452_37580_3360.N1 | 08-MAY-2009 10:25:18 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37580 | No |
| 73 | GOM_NL__2PRFIN20090508_102801_000000472078_00452_37580_3361.N1 | 08-MAY-2009 10:28:01 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37580 | No |
| 74 | GOM_NL__2PRFIN20090508_103124_000000482078_00452_37580_3362.N1 | 08-MAY-2009 10:31:24 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37580 | No |
| 75 | GOM_NL__2PRFIN20090508_103321_000000442078_00452_37580_3363.N1 | 08-MAY-2009 10:33:21 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37580 | No |
| 76 | GOM_NL__2PRFIN20090508_103816_000000442078_00452_37580_3364.N1 | 08-MAY-2009 10:38:16 | Bright | 44.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 88 | 37580 | No |
| 77 | GOM_NL__2PRFIN20090508_104418_000000502078_00452_37580_3365.N1 | 08-MAY-2009 10:44:18 | Bright | 49.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 99 | 37580 | No |
| 78 | GOM_NL__2PRFIN20090508_104941_000000432078_00452_37580_3366.N1 | 08-MAY-2009 10:49:41 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 37580 | No |
| 79 | GOM_NL__2PRFIN20090508_105104_000000712078_00452_37580_3367.N1 | 08-MAY-2009 10:51:04 | Bright | 71.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 142 | 37580 | No |
| 80 | GOM_NL__2PRFIN20090508_110159_000000422078_00452_37580_3368.N1 | 08-MAY-2009 11:01:59 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37580 | No |
| 81 | GOM_NL__2PRFIN20090508_111244_000000382078_00452_37580_3369.N1 | 08-MAY-2009 11:12:44 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37580 | No |
| 82 | GOM_NL__2PRFIN20090508_112528_000000352078_00452_37580_3370.N1 | 08-MAY-2009 11:25:28 | Tw_i_and_stray | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37580 | No |
| 83 | GOM_NL__2PRFIN20090508_112944_000000362078_00452_37580_3371.N1 | 08-MAY-2009 11:29:44 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37580 | No |
| 84 | GOM_NL__2PRFIN20090508_113731_000000512078_00452_37580_3372.N1 | 08-MAY-2009 11:37:31 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37580 | No |
| 85 | GOM_NL__2PRFIN20090508_120404_000000472078_00453_37581_3371.N1 | 08-MAY-2009 12:04:04 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37581 | No |
| 86 | GOM_NL__2PRFIN20090508_120555_000000512078_00453_37581_3372.N1 | 08-MAY-2009 12:05:55 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37581 | No |
| 87 | GOM_NL__2PRFIN20090508_120837_000000472078_00453_37581_3373.N1 | 08-MAY-2009 12:08:37 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37581 | No |
| 88 | GOM_NL__2PRFIN20090508_121201_000000482078_00453_37581_3374.N1 | 08-MAY-2009 12:12:01 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37581 | No |
| 89 | GOM_NL__2PRFIN20090508_121357_000000442078_00453_37581_3375.N1 | 08-MAY-2009 12:13:57 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37581 | No |
| 90 | GOM_NL__2PRFIN20090508_121852_000000462078_00453_37581_3376.N1 | 08-MAY-2009 12:18:52 | Bright | 45.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 91 | 37581 | No |
| 91 | GOM_NL__2PRFIN20090508_122454_000000502078_00453_37581_3377.N1 | 08-MAY-2009 12:24:54 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37581 | No |
| 92 | GOM_NL__2PRFIN20090508_123017_000000442078_00453_37581_3378.N1 | 08-MAY-2009 12:30:17 | Bright | 44.000 | 83 | | 2.3780 | 11000. | 88 | 37581 | No |
| 93 | GOM_NL__2PRFIN20090508_123140_000000452078_00453_37581_3379.N1 | 08-MAY-2009 12:31:40 | Bright | 45.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 90 | 37581 | No |
| 94 | GOM_NL__2PRFIN20090508_124234_000000432078_00453_37581_3380.N1 | 08-MAY-2009 12:42:34 | Bright | 42.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 85 | 37581 | No |
| 95 | GOM_NL__2PRFIN20090508_125319_000000382078_00453_37581_3381.N1 | 08-MAY-2009 12:53:19 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37581 | No |
| 96 | GOM_NL__2PRFIN20090508_130604_000000352078_00453_37581_3382.N1 | 08-MAY-2009 13:06:04 | Tw_i_and_stray | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37581 | No |
| 97 | GOM_NL__2PRFIN20090508_131020_000000362078_00453_37581_3383.N1 | 08-MAY-2009 13:10:20 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37581 | No |
| 98 | GOM_NL__2PRFIN20090508_131808_000000512078_00453_37581_3384.N1 | 08-MAY-2009 13:18:08 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37581 | No |
| 99 | GOM_NL__2PRFIN20090508_134441_000000472078_00454_37582_3391.N1 | 08-MAY-2009 13:44:41 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37582 | No |
| 100 | GOM_NL__2PRFIN20090508_134632_000000502078_00454_37582_3392.N1 | 08-MAY-2009 13:46:32 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37582 | No |
| 101 | GOM_NL__2PRFIN20090508_134914_000000472078_00454_37582_3393.N1 | 08-MAY-2009 13:49:14 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37582 | No |

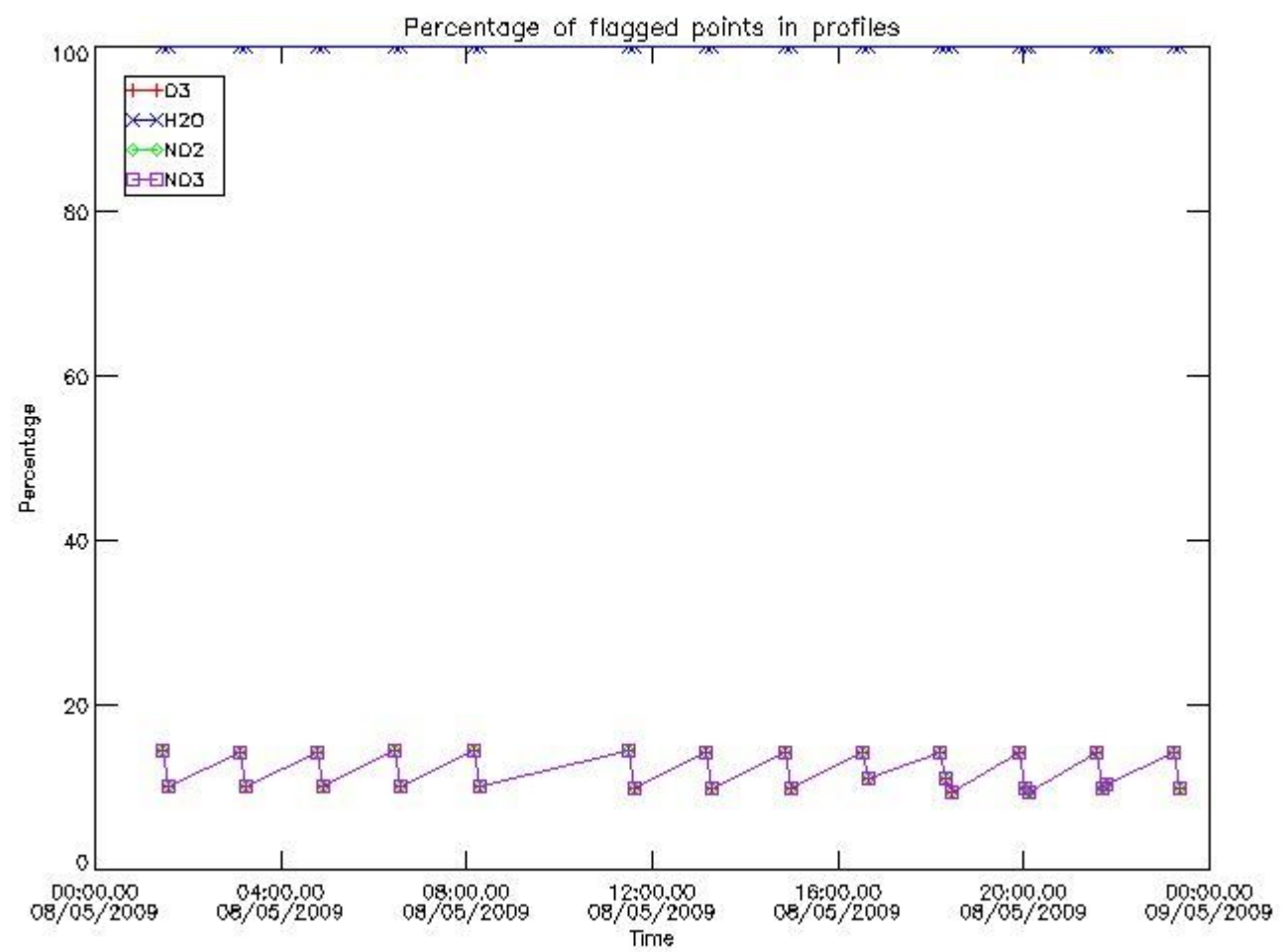
| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20090508_135237_000000482078_00454_37582_3394.N1 | 08-MAY-2009 13:52:37 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37582 | No |
| 103 | GOM_NL__2PRFIN20090508_135434_000000442078_00454_37582_3395.N1 | 08-MAY-2009 13:54:34 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37582 | No |
| 104 | GOM_NL__2PRFIN20090508_135928_000000432078_00454_37582_3396.N1 | 08-MAY-2009 13:59:28 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37582 | No |
| 105 | GOM_NL__2PRFIN20090508_140530_000000502078_00454_37582_3397.N1 | 08-MAY-2009 14:05:30 | Bright | 49.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 99 | 37582 | No |
| 106 | GOM_NL__2PRFIN20090508_142309_000000422078_00454_37582_3398.N1 | 08-MAY-2009 14:23:09 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37582 | No |
| 107 | GOM_NL__2PRFIN20090508_143355_000000382078_00454_37582_3399.N1 | 08-MAY-2009 14:33:55 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37582 | No |
| 108 | GOM_NL__2PRFIN20090508_144640_000000352078_00454_37582_3400.N1 | 08-MAY-2009 14:46:40 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37582 | No |
| 109 | GOM_NL__2PRFIN20090508_145057_000000362078_00454_37582_3401.N1 | 08-MAY-2009 14:50:57 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37582 | No |
| 110 | GOM_NL__2PRFIN20090508_145846_000000512078_00454_37582_3402.N1 | 08-MAY-2009 14:58:46 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37582 | No |
| 111 | GOM_NL__2PRFIN20090508_152517_000000472078_00455_37583_3425.N1 | 08-MAY-2009 15:25:17 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37583 | No |
| 112 | GOM_NL__2PRFIN20090508_152708_000000512078_00455_37583_3426.N1 | 08-MAY-2009 15:27:08 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37583 | No |
| 113 | GOM_NL__2PRFIN20090508_152950_000000472078_00455_37583_3427.N1 | 08-MAY-2009 15:29:50 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37583 | No |
| 114 | GOM_NL__2PRFIN20090508_153313_000000482078_00455_37583_3428.N1 | 08-MAY-2009 15:33:13 | Twilight | 47.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 95 | 37583 | No |
| 115 | GOM_NL__2PRFIN20090508_153510_000000452078_00455_37583_3429.N1 | 08-MAY-2009 15:35:10 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37583 | No |
| 116 | GOM_NL__2PRFIN20090508_154004_000000432078_00455_37583_3430.N1 | 08-MAY-2009 15:40:04 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37583 | No |
| 117 | GOM_NL__2PRFIN20090508_154605_000000502078_00455_37583_3431.N1 | 08-MAY-2009 15:46:05 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37583 | No |
| 118 | GOM_NL__2PRFIN20090508_160345_000000422078_00455_37583_3432.N1 | 08-MAY-2009 16:03:45 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37583 | No |
| 119 | GOM_NL__2PRFIN20090508_161431_000000382078_00455_37583_3433.N1 | 08-MAY-2009 16:14:31 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37583 | No |
| 120 | GOM_NL__2PRFIN20090508_162717_000000352078_00455_37583_3434.N1 | 08-MAY-2009 16:27:17 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37583 | No |
| 121 | GOM_NL__2PRFIN20090508_163133_000000362078_00455_37583_3435.N1 | 08-MAY-2009 16:31:33 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37583 | No |
| 122 | GOM_NL__2PRFIN20090508_163923_000000512078_00455_37583_3436.N1 | 08-MAY-2009 16:39:23 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37583 | No |
| 123 | GOM_NL__2PRFIN20090508_170554_000000472078_00456_37584_3444.N1 | 08-MAY-2009 17:05:54 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37584 | No |
| 124 | GOM_NL__2PRFIN20090508_170745_000000512078_00456_37584_3445.N1 | 08-MAY-2009 17:07:45 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37584 | No |
| 125 | GOM_NL__2PRFIN20090508_171027_000000462078_00456_37584_3446.N1 | 08-MAY-2009 17:10:27 | Straylight | 46.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 92 | 37584 | No |
| 126 | GOM_NL__2PRFIN20090508_171350_000000482078_00456_37584_3447.N1 | 08-MAY-2009 17:13:50 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37584 | No |
| 127 | GOM_NL__2PRFIN20090508_171546_000000442078_00456_37584_3448.N1 | 08-MAY-2009 17:15:46 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37584 | No |
| 128 | GOM_NL__2PRFIN20090508_172040_000000432078_00456_37584_3449.N1 | 08-MAY-2009 17:20:40 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37584 | No |
| 129 | GOM_NL__2PRFIN20090508_172640_000000502078_00456_37584_3450.N1 | 08-MAY-2009 17:26:40 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37584 | No |
| 130 | GOM_NL__2PRFIN20090508_173204_000000412078_00456_37584_3451.N1 | 08-MAY-2009 17:32:04 | Bright | 41.000 | 83 | | 2.3780 | 11000. | 82 | 37584 | No |
| 131 | GOM_NL__2PRFIN20090508_174420_000000422078_00456_37584_3452.N1 | 08-MAY-2009 17:44:20 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37584 | No |
| 132 | GOM_NL__2PRFIN20090508_175506_000000392078_00456_37584_3453.N1 | 08-MAY-2009 17:55:06 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 37584 | No |
| 133 | GOM_NL__2PRFIN20090508_180753_000000362078_00456_37584_3454.N1 | 08-MAY-2009 18:07:53 | Twilight | 35.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 71 | 37584 | No |
| 134 | GOM_NL__2PRFIN20090508_181209_000000362078_00456_37584_3455.N1 | 08-MAY-2009 18:12:09 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37584 | No |
| 135 | GOM_NL__2PRFIN20090508_182000_000000512078_00456_37584_3456.N1 | 08-MAY-2009 18:20:00 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37584 | No |
| 136 | GOM_NL__2PRFIN20090508_182605_000000552078_00456_37584_3457.N1 | 08-MAY-2009 18:26:05 | Dark | 54.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 109 | 37584 | No |
| 137 | GOM_NL__2PRFIN20090508_184631_000000472078_00457_37585_3465.N1 | 08-MAY-2009 18:46:31 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37585 | No |
| 138 | GOM_NL__2PRFIN20090508_184822_000000512078_00457_37585_3466.N1 | 08-MAY-2009 18:48:22 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37585 | No |
| 139 | GOM_NL__2PRFIN20090508_185103_000000472078_00457_37585_3467.N1 | 08-MAY-2009 18:51:03 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37585 | No |
| 140 | GOM_NL__2PRFIN20090508_185426_000000482078_00457_37585_3468.N1 | 08-MAY-2009 18:54:26 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37585 | No |
| 141 | GOM_NL__2PRFIN20090508_185622_000000452078_00457_37585_3469.N1 | 08-MAY-2009 18:56:22 | Bright | 45.000 | 80 | 7Del Sco | 2.3160 | 30000. | 90 | 37585 | No |
| 142 | GOM_NL__2PRFIN20090508_190116_000000432078_00457_37585_3470.N1 | 08-MAY-2009 19:01:16 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37585 | No |
| 143 | GOM_NL__2PRFIN20090508_190716_000000502078_00457_37585_3471.N1 | 08-MAY-2009 19:07:16 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37585 | No |
| 144 | GOM_NL__2PRFIN20090508_191239_000000452078_00457_37585_3472.N1 | 08-MAY-2009 19:12:39 | Bright | 45.000 | 83 | | 2.3780 | 11000. | 90 | 37585 | No |
| 145 | GOM_NL__2PRFIN20090508_192455_000000422078_00457_37585_3473.N1 | 08-MAY-2009 19:24:55 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37585 | No |
| 146 | GOM_NL__2PRFIN20090508_193542_000000382078_00457_37585_3474.N1 | 08-MAY-2009 19:35:42 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37585 | No |
| 147 | GOM_NL__2PRFIN20090508_194829_000000352078_00457_37585_3475.N1 | 08-MAY-2009 19:48:29 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37585 | No |
| 148 | GOM_NL__2PRFIN20090508_195246_000000362078_00457_37585_3476.N1 | 08-MAY-2009 19:52:46 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37585 | No |
| 149 | GOM_NL__2PRFIN20090508_200037_000000512078_00457_37585_3477.N1 | 08-MAY-2009 20:00:37 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37585 | No |
| 150 | GOM_NL__2PRFIN20090508_200642_000000552078_00457_37585_3478.N1 | 08-MAY-2009 20:06:42 | Dark | 54.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 109 | 37585 | No |
| 151 | GOM_NL__2PRFIN20090508_202707_000000472078_00458_37586_3484.N1 | 08-MAY-2009 20:27:07 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37586 | No |
| 152 | GOM_NL__2PRFIN20090508_202858_000000512078_00458_37586_3485.N1 | 08-MAY-2009 20:28:58 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37586 | No |
| 153 | GOM_NL__2PRFIN20090508_203140_000000472078_00458_37586_3486.N1 | 08-MAY-2009 20:31:40 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37586 | No |
| 154 | GOM_NL__2PRFIN20090508_203503_000000482078_00458_37586_3487.N1 | 08-MAY-2009 20:35:03 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37586 | No |
| 155 | GOM_NL__2PRFIN20090508_203658_000000442078_00458_37586_3488.N1 | 08-MAY-2009 20:36:58 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37586 | No |
| 156 | GOM_NL__2PRFIN20090508_204152_000000432078_00458_37586_3489.N1 | 08-MAY-2009 20:41:52 | Bright | 43.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 86 | 37586 | No |
| 157 | GOM_NL__2PRFIN20090508_204751_000000502078_00458_37586_3490.N1 | 08-MAY-2009 20:47:51 | Bright | 49.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 99 | 37586 | No |
| 158 | GOM_NL__2PRFIN20090508_205315_000000402078_00458_37586_3491.N1 | 08-MAY-2009 20:53:15 | Bright | 40.000 | 83 | | 2.3780 | 11000. | 80 | 37586 | No |
| 159 | GOM_NL__2PRFIN20090508_210531_000000422078_00458_37586_3492.N1 | 08-MAY-2009 21:05:31 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37586 | No |
| 160 | GOM_NL__2PRFIN20090508_211617_000000382078_00458_37586_3493.N1 | 08-MAY-2009 21:16:17 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37586 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20090508_212905_000000352078_00458_37586_3494.N1 | 08-MAY-2009 21:29:05 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37586 | No |
| 162 | GOM_NL__2PRFIN20090508_213322_000000362078_00458_37586_3495.N1 | 08-MAY-2009 21:33:22 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37586 | No |
| 163 | GOM_NL__2PRFIN20090508_214114_000000522078_00458_37586_3496.N1 | 08-MAY-2009 21:41:14 | Dark | 51.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 103 | 37586 | No |
| 164 | GOM_NL__2PRFIN20090508_214719_000000552078_00458_37586_3497.N1 | 08-MAY-2009 21:47:19 | Dark | 54.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 109 | 37586 | No |
| 165 | GOM_NL__2PRFIN20090508_220744_000000472078_00459_37587_3507.N1 | 08-MAY-2009 22:07:44 | Straylight | 46.500 | 40 | The Sco | 1.8590 | 7100.0 | 93 | 37587 | No |
| 166 | GOM_NL__2PRFIN20090508_220935_000000502078_00459_37587_3508.N1 | 08-MAY-2009 22:09:35 | Straylight | 49.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 99 | 37587 | No |
| 167 | GOM_NL__2PRFIN20090508_221216_000000462078_00459_37587_3509.N1 | 08-MAY-2009 22:12:16 | Straylight | 46.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 92 | 37587 | No |
| 168 | GOM_NL__2PRFIN20090508_221539_000000482078_00459_37587_3510.N1 | 08-MAY-2009 22:15:39 | Twilight | 47.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 95 | 37587 | No |
| 169 | GOM_NL__2PRFIN20090508_221734_000000442078_00459_37587_3511.N1 | 08-MAY-2009 22:17:34 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37587 | No |
| 170 | GOM_NL__2PRFIN20090508_222228_000000432078_00459_37587_3512.N1 | 08-MAY-2009 22:22:28 | Bright | 43.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 86 | 37587 | No |
| 171 | GOM_NL__2PRFIN20090508_222827_000000502078_00459_37587_3513.N1 | 08-MAY-2009 22:28:27 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37587 | No |
| 172 | GOM_NL__2PRFIN20090508_223351_000000392078_00459_37587_3514.N1 | 08-MAY-2009 22:33:51 | Bright | 38.500 | 83 | | 2.3780 | 11000. | 77 | 37587 | No |
| 173 | GOM_NL__2PRFIN20090508_224606_000000422078_00459_37587_3515.N1 | 08-MAY-2009 22:46:06 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37587 | No |
| 174 | GOM_NL__2PRFIN20090508_225653_000000382078_00459_37587_3516.N1 | 08-MAY-2009 22:56:53 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37587 | No |
| 175 | GOM_NL__2PRFIN20090508_230941_000000352078_00459_37587_3517.N1 | 08-MAY-2009 23:09:41 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37587 | No |
| 176 | GOM_NL__2PRFIN20090508_231358_000000362078_00459_37587_3518.N1 | 08-MAY-2009 23:13:58 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37587 | No |
| 177 | GOM_NL__2PRFIN20090508_232151_000000522078_00459_37587_3519.N1 | 08-MAY-2009 23:21:51 | Dark | 51.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 103 | 37587 | No |
| 178 | GOM_NL__2PRFIN20090508_234821_000000472078_00460_37588_3525.N1 | 08-MAY-2009 23:48:21 | Straylight | 46.500 | 40 | The Sco | 1.8590 | 7100.0 | 93 | 37588 | No |
| 179 | GOM_NL__2PRFIN20090508_235012_000000502078_00460_37588_3526.N1 | 08-MAY-2009 23:50:12 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37588 | No |
| 180 | GOM_NL__2PRFIN20090508_235252_000000462078_00460_37588_3527.N1 | 08-MAY-2009 23:52:52 | Straylight | 46.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 92 | 37588 | No |
| 181 | GOM_NL__2PRFIN20090508_235615_000000482078_00460_37588_3528.N1 | 08-MAY-2009 23:56:15 | Twilight | 47.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 95 | 37588 | No |
| 182 | GOM_NL__2PRFIN20090508_235810_000000452078_00460_37588_3529.N1 | 08-MAY-2009 23:58:10 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37588 | No |

3. Quality information per product

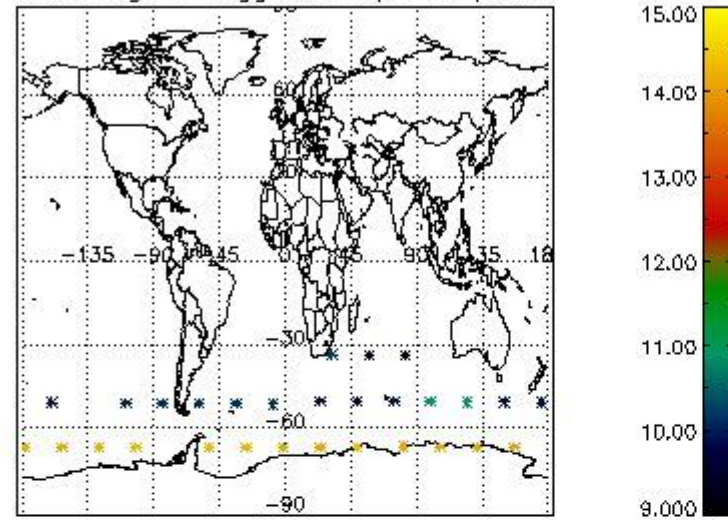
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

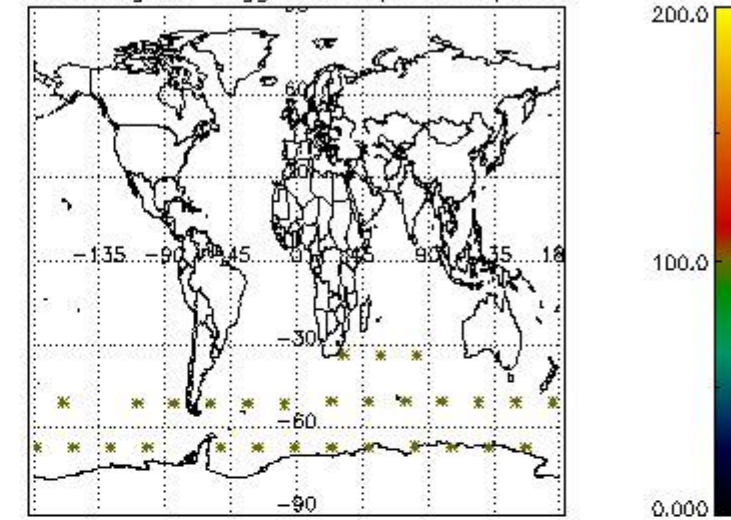


3.2 Plot quality information per product (world map)

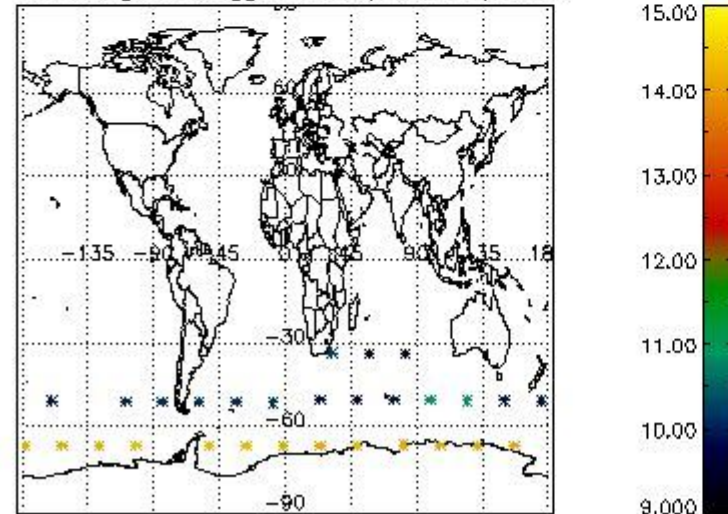
Percentage of flagged data per O3 profile



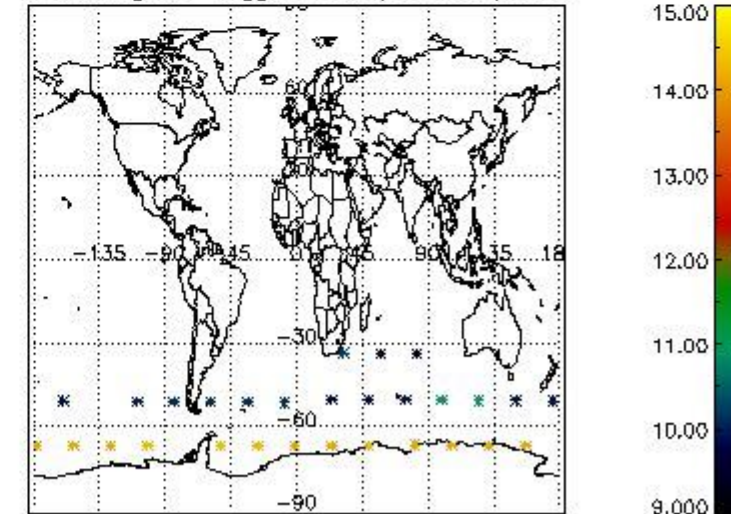
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

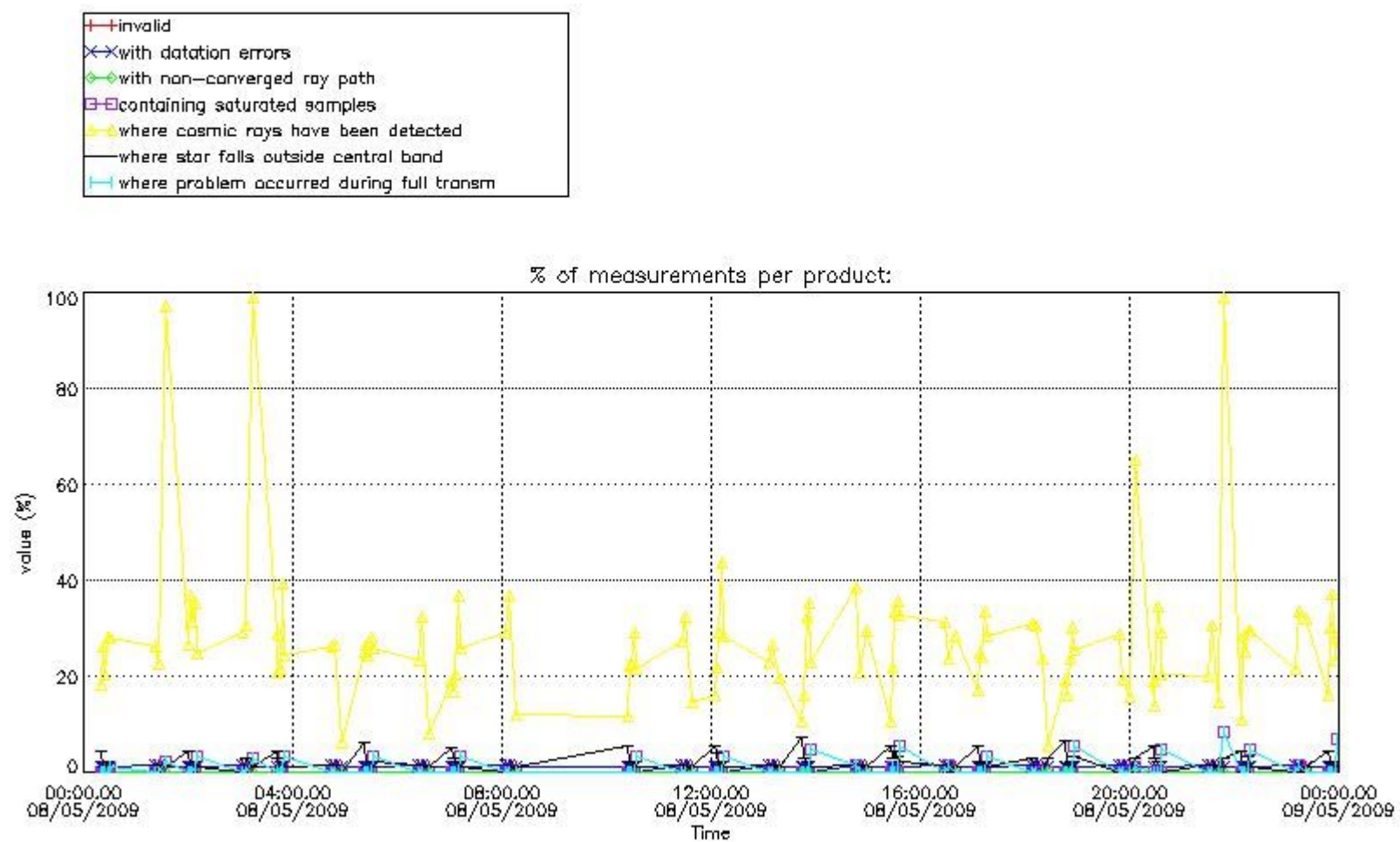


4. Level 1 quality information per product

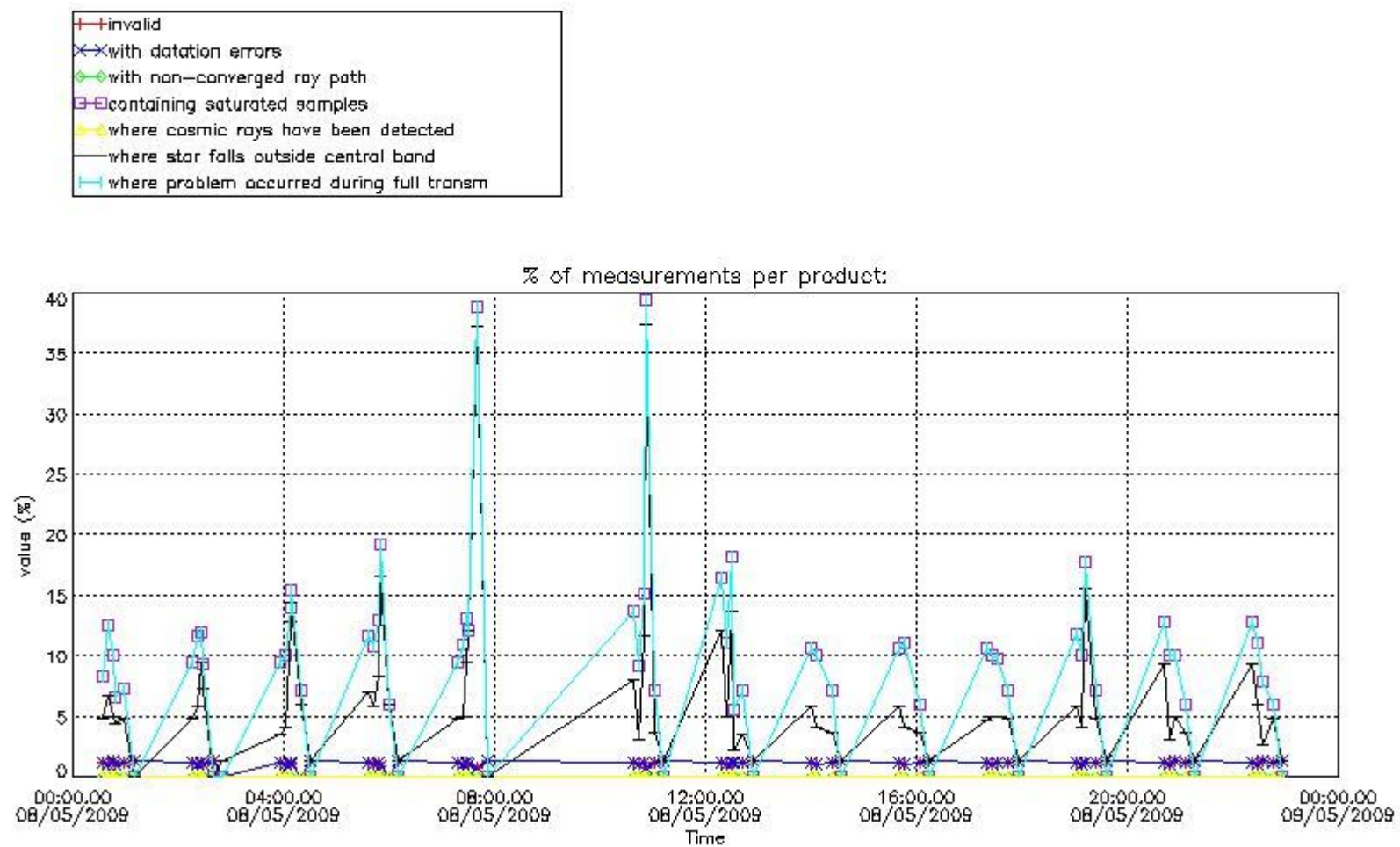
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



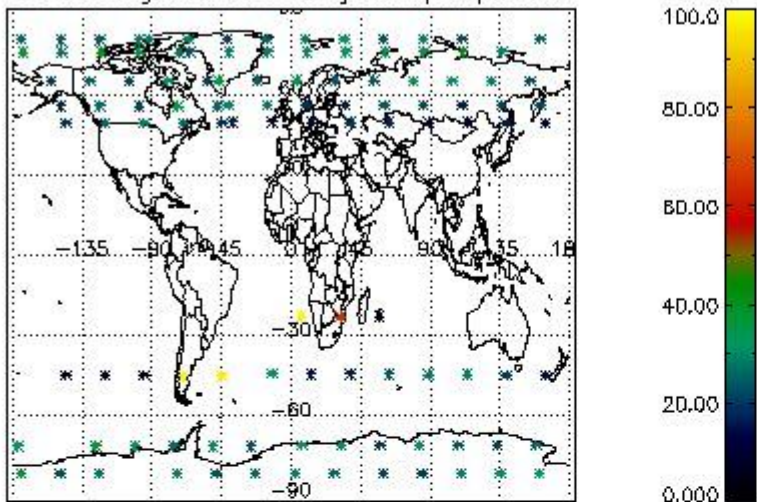
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



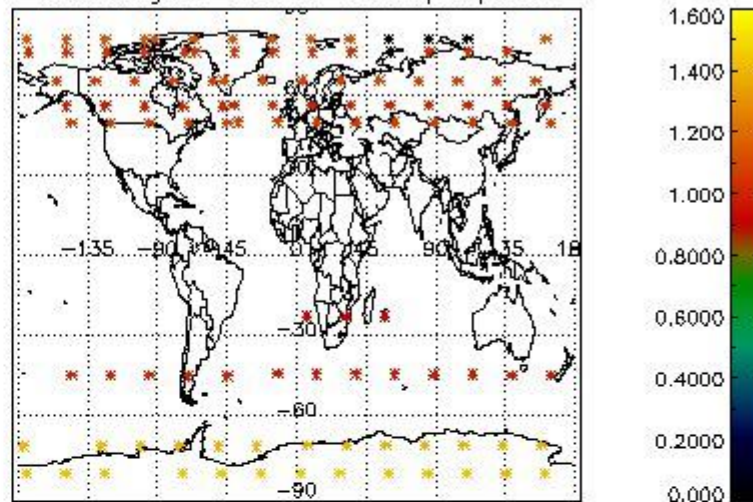
4.2 Plot quality information per product coming from level 1b processing (world map)

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

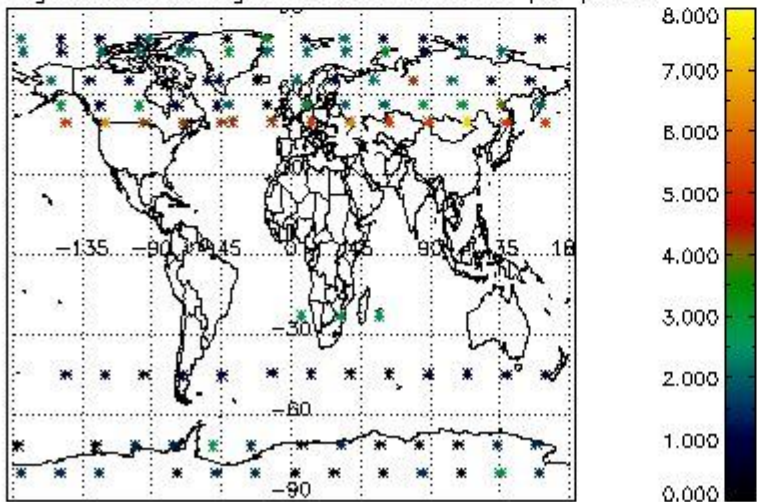
Percentage of cosmic ray hits per profile



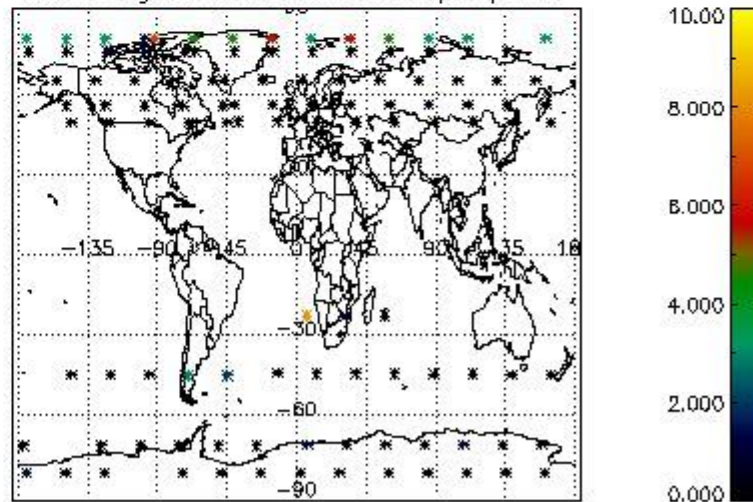
Percentage of datation errors per profile



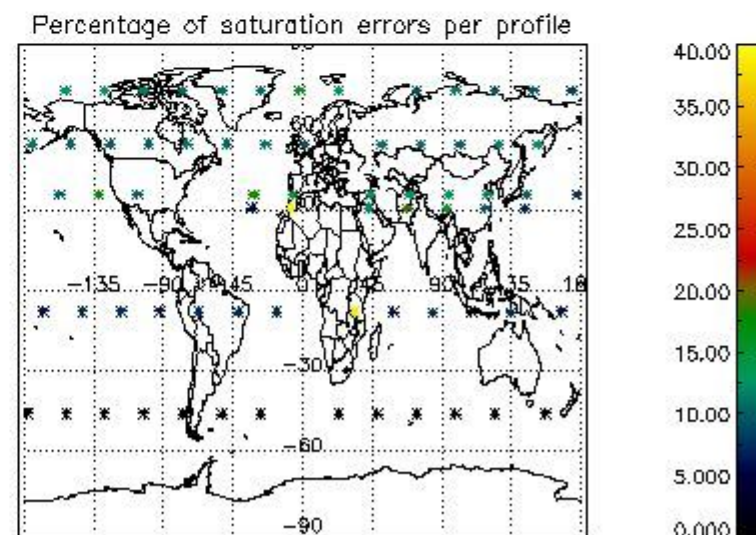
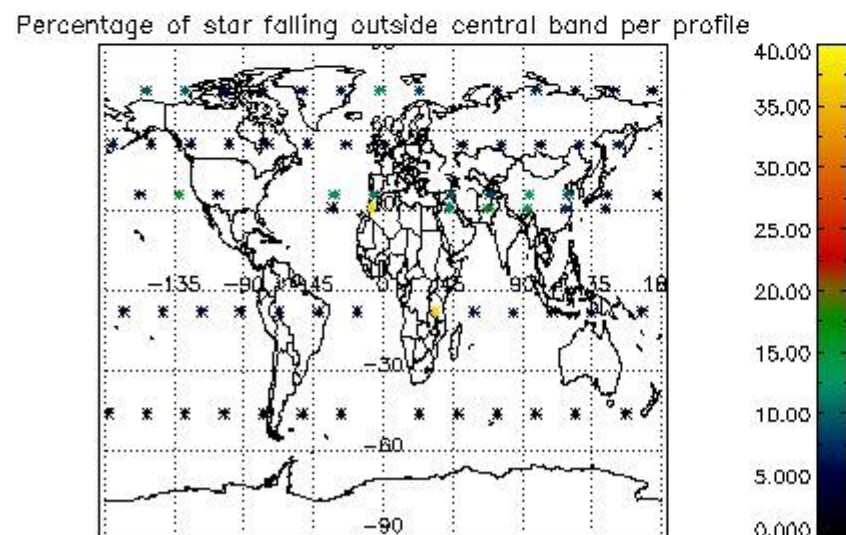
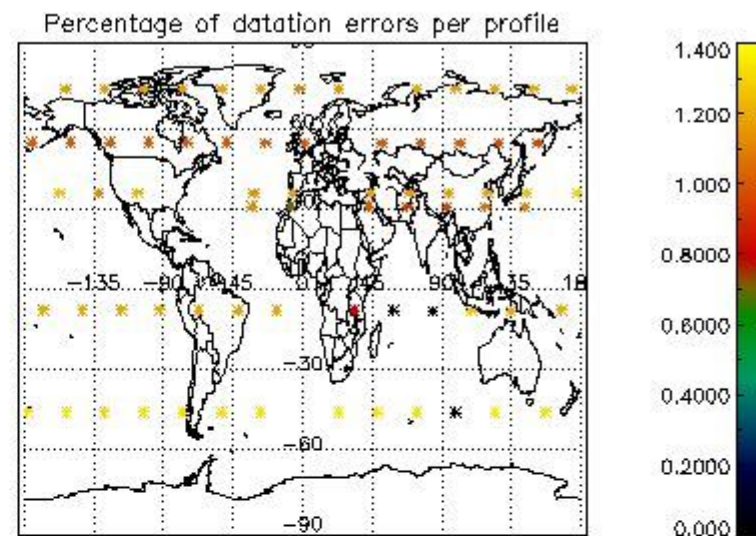
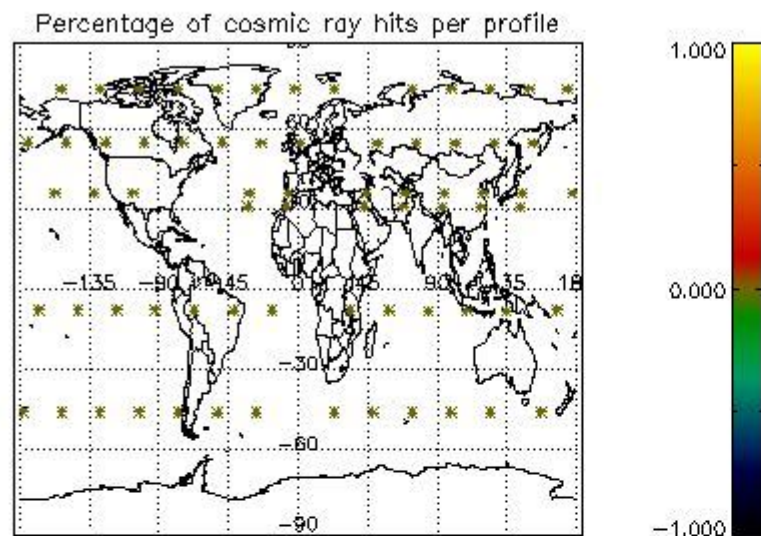
Percentage of star falling outside central band per profile



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

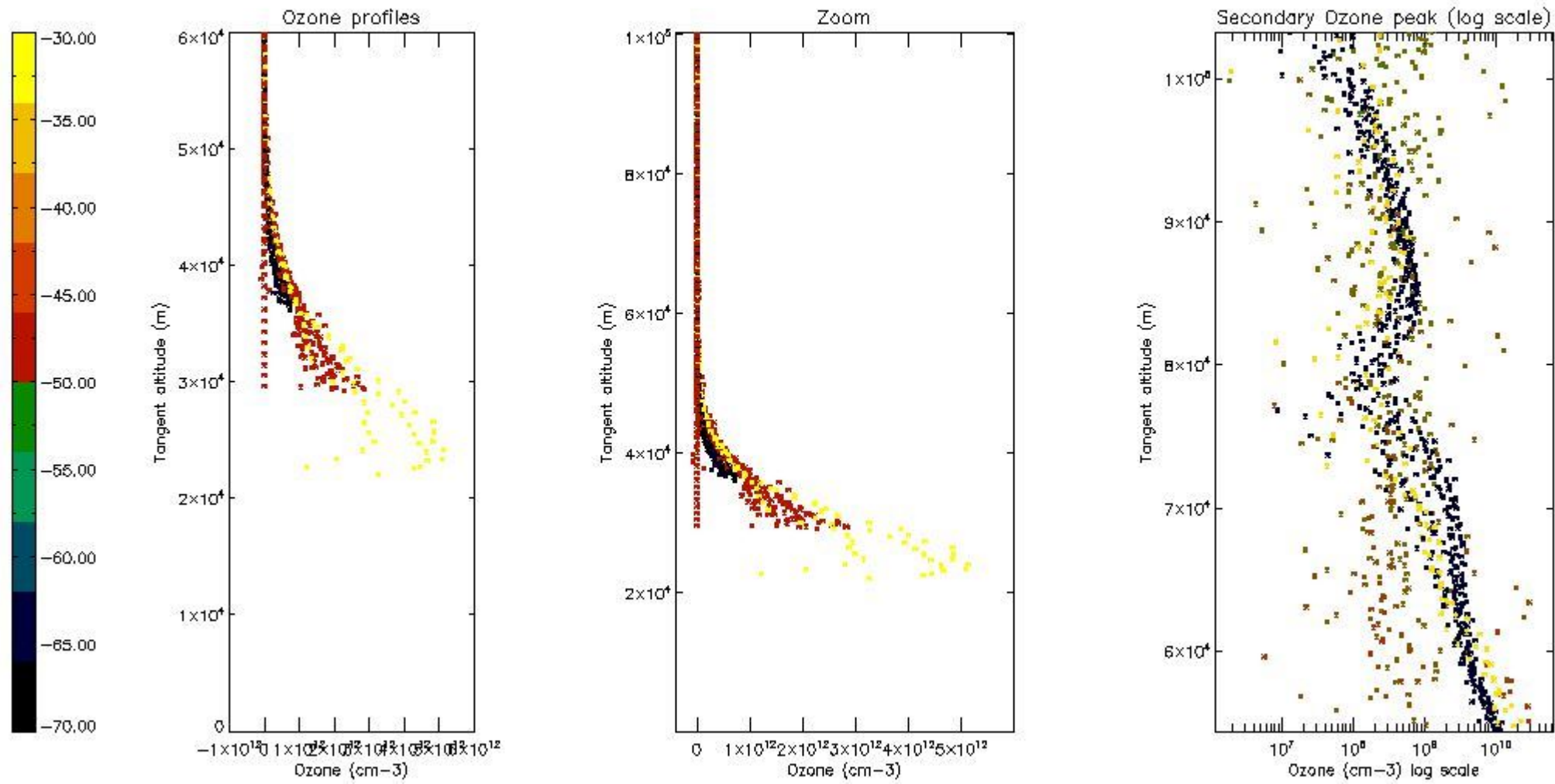
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 16 |
| STD < 20 | 5 |

| | |
|----------|---|
| STD < 10 | 3 |
| STD < 5 | 1 |

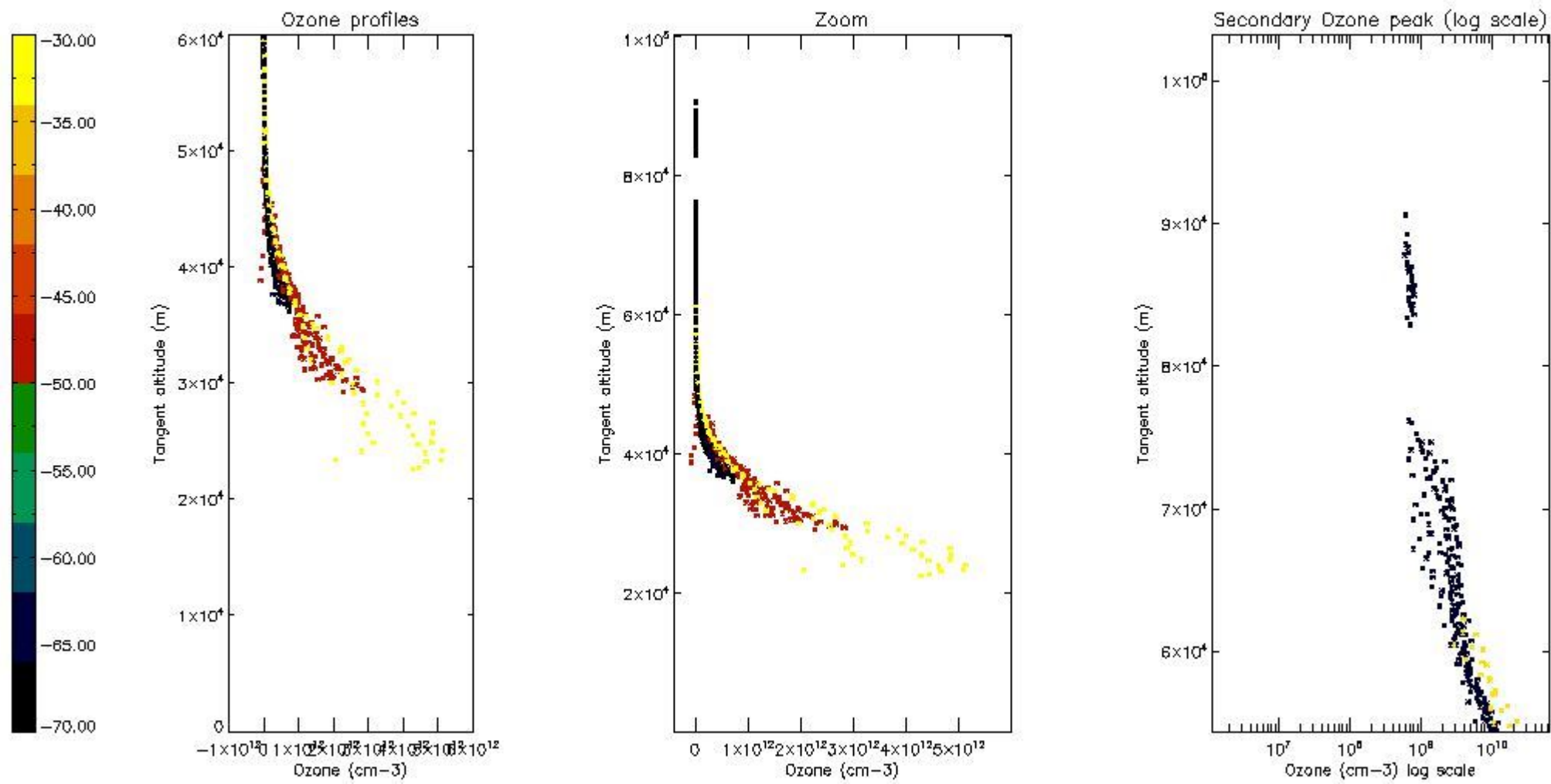
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



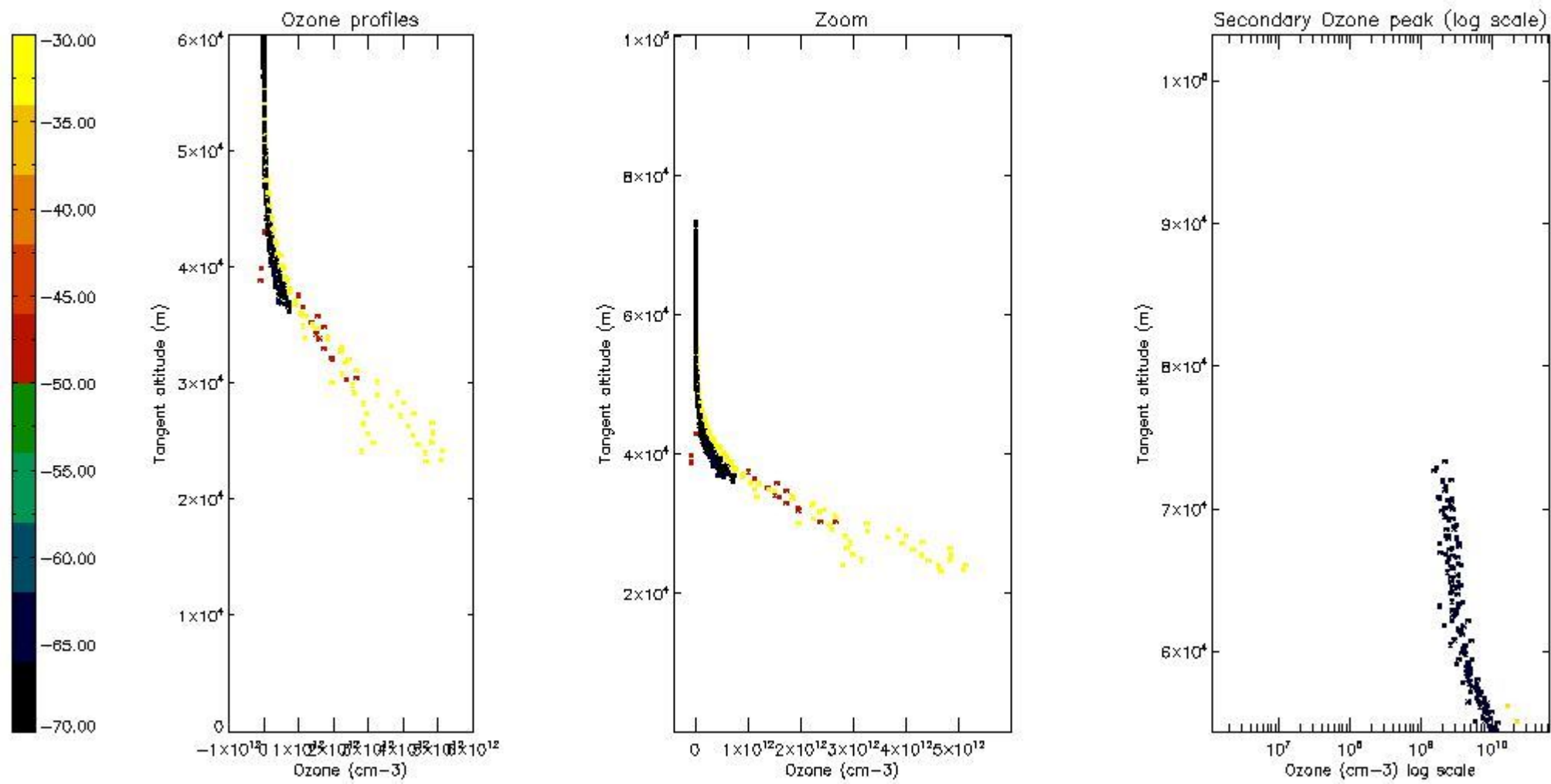
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



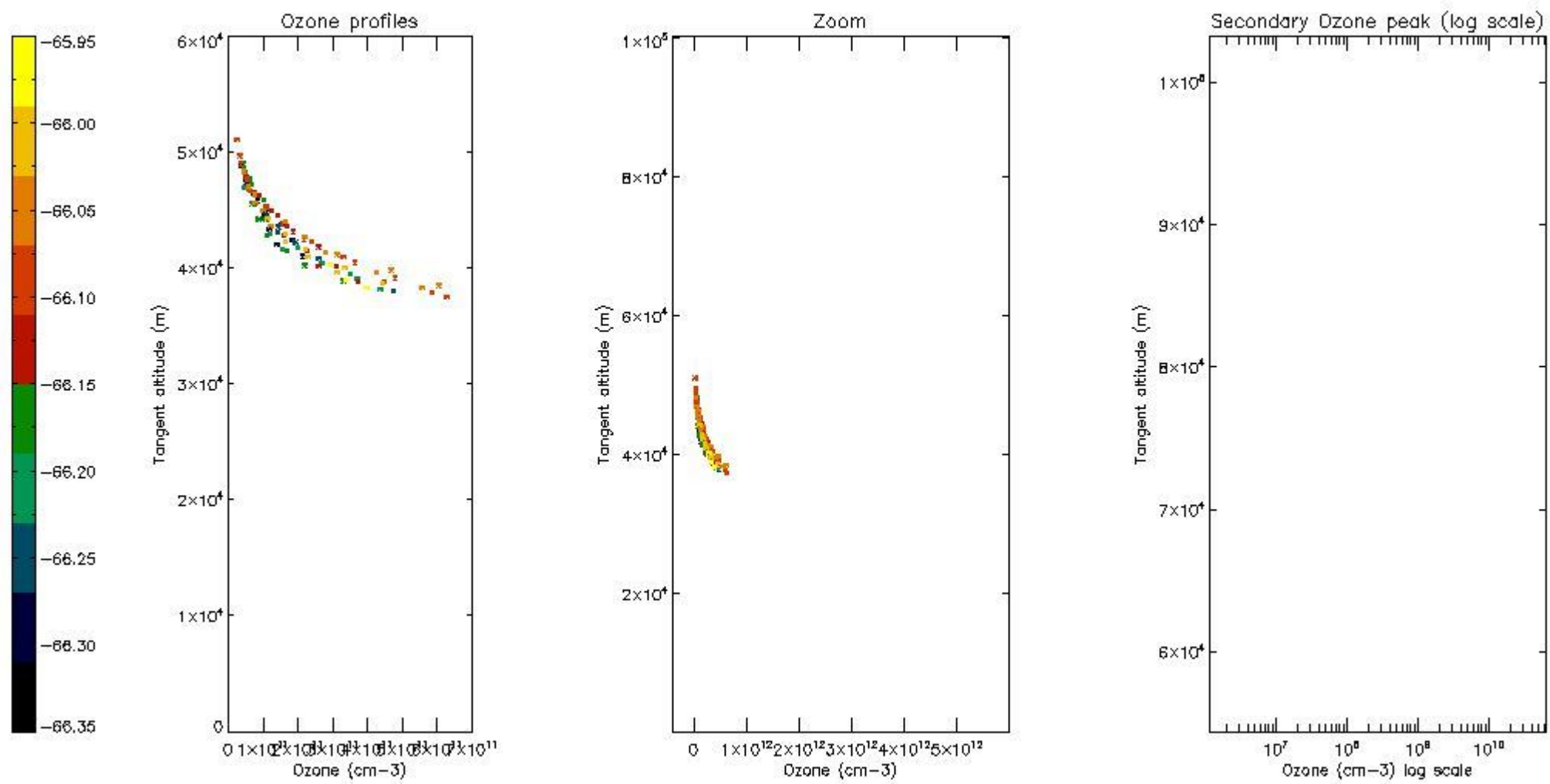
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



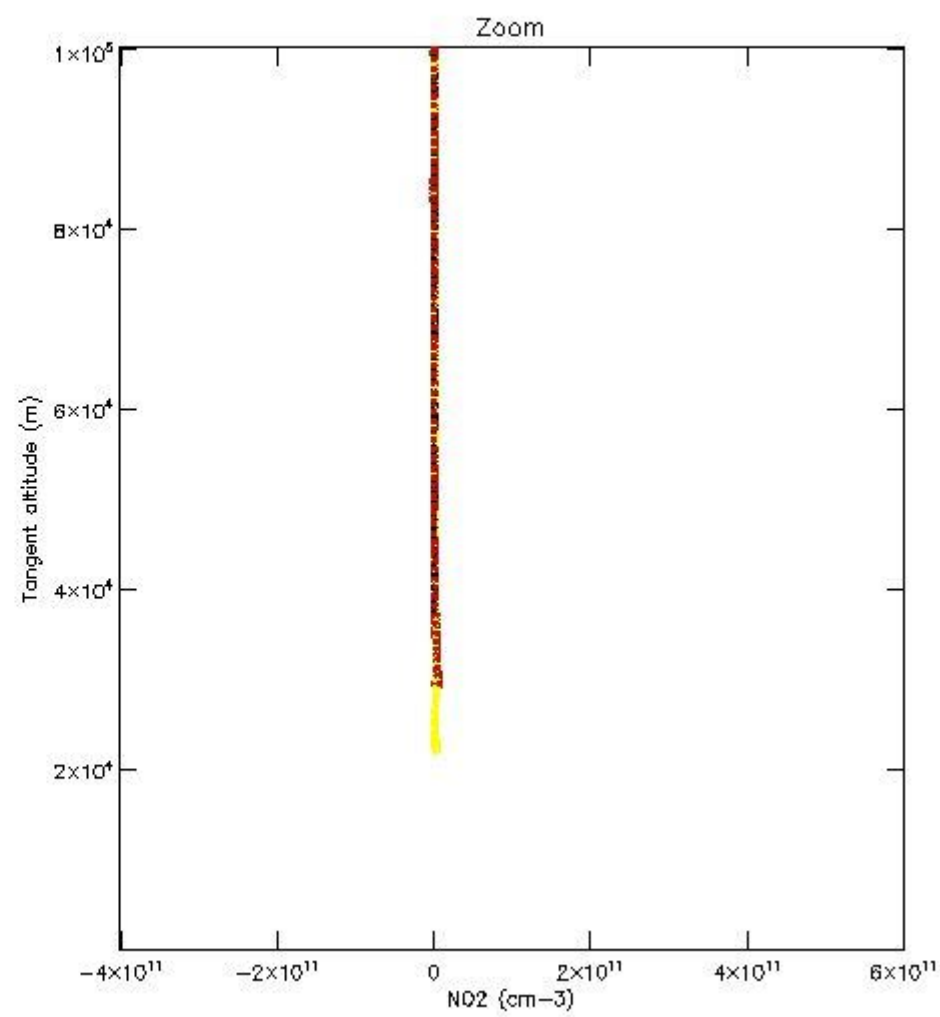
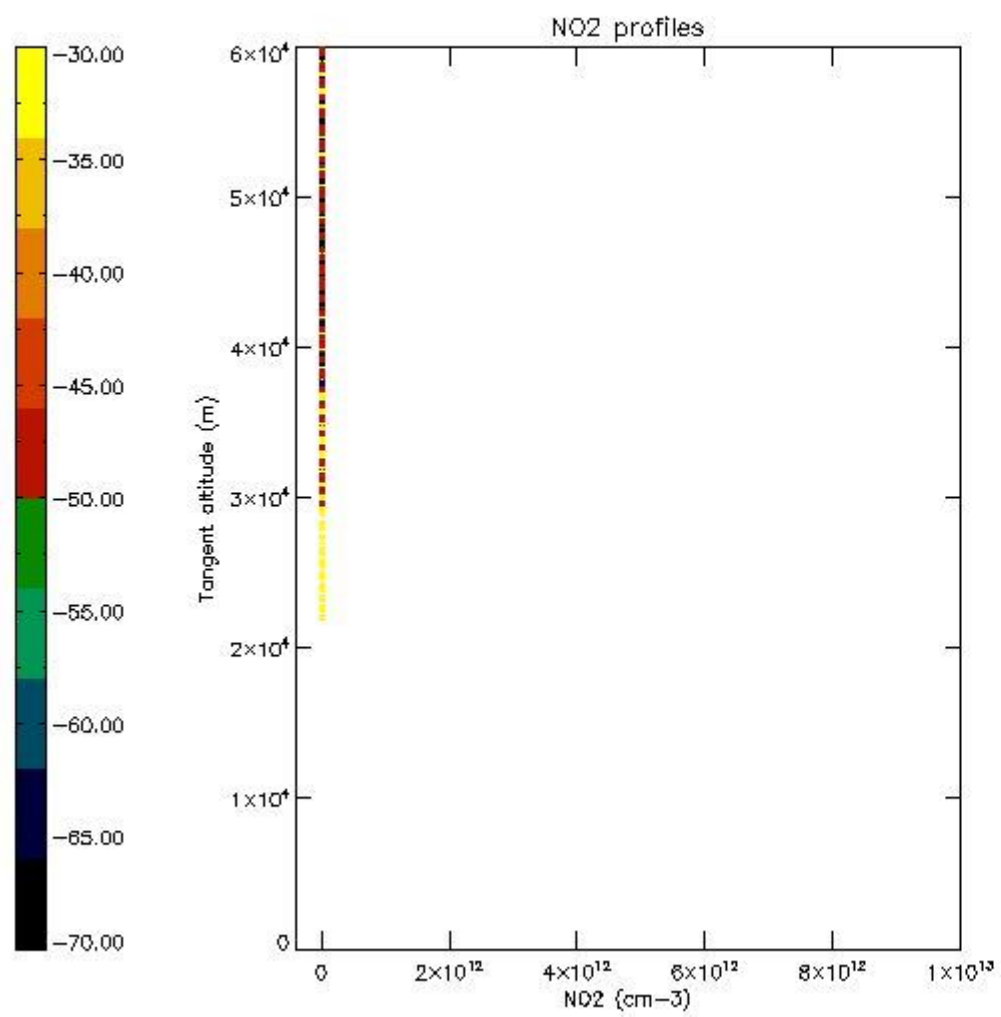
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



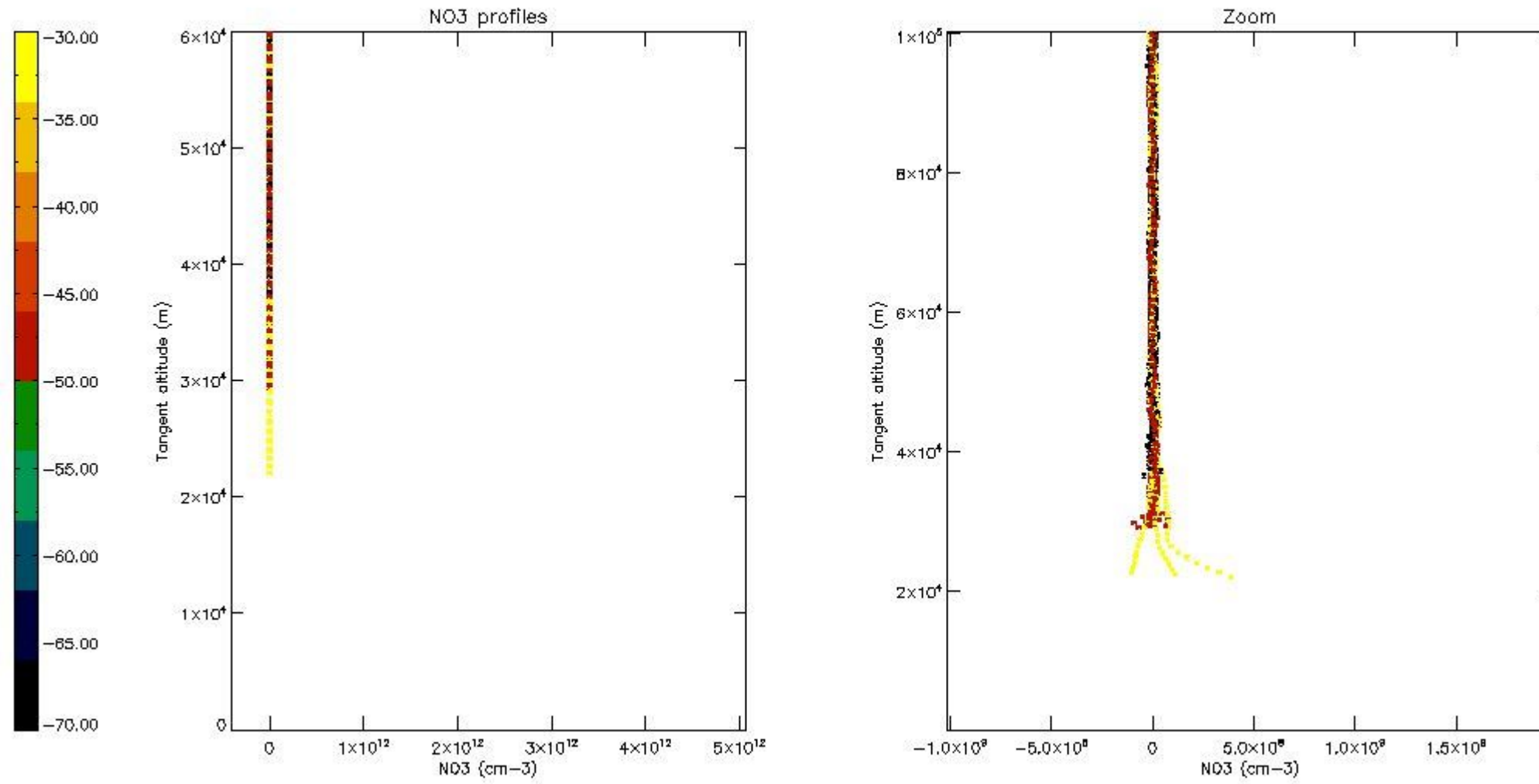
5.6 Plot NO₂ profiles for all STD (dark without errors)

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-MAY-2009 00:19:47 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 08-MAY-2009 00:19:47 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 08-MAY-2009 00:19:47 |

GOMOS Level 2 Daily Report

SUMMARY

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

[3. Level 2 Quality information per product](#)

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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 | 26APR2013 09:21:32 |
| Data source version | GOMOS/6.01 |
| Start time of products | 08-05-2009 (08MAY2009 00:00:00) |
| Stop time of products | 09-05-2009 (09MAY2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 182 |
| 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__2PRFIN20090508_001947_000000472078_00446_37574_3245.N1 | 08-MAY-2009 00:19:47 | Straylight | 46.500 | 40 | The Sco | 1.8590 | 7100.0 | 93 | 37574 | No |
| 2 | GOM_NL__2PRFIN20090508_002138_000000502078_00446_37574_3246.N1 | 08-MAY-2009 00:21:38 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37574 | No |
| 3 | GOM_NL__2PRFIN20090508_002422_000000472078_00446_37574_3247.N1 | 08-MAY-2009 00:24:22 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37574 | No |
| 4 | GOM_NL__2PRFIN20090508_002746_000000482078_00446_37574_3248.N1 | 08-MAY-2009 00:27:46 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37574 | No |
| 5 | GOM_NL__2PRFIN20090508_002944_000000452078_00446_37574_3249.N1 | 08-MAY-2009 00:29:44 | Twilight | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37574 | No |
| 6 | GOM_NL__2PRFIN20090508_003440_000000422078_00446_37574_3250.N1 | 08-MAY-2009 00:34:40 | Bright | 42.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 84 | 37574 | No |
| 7 | GOM_NL__2PRFIN20090508_004046_000000522078_00446_37574_3251.N1 | 08-MAY-2009 00:40:46 | Bright | 52.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 104 | 37574 | No |
| 8 | GOM_NL__2PRFIN20090508_004608_000000402078_00446_37574_3252.N1 | 08-MAY-2009 00:46:08 | Bright | 40.000 | 83 | | 2.3780 | 11000. | 80 | 37574 | No |
| 9 | GOM_NL__2PRFIN20090508_004733_000000462078_00446_37574_3253.N1 | 08-MAY-2009 00:47:33 | Bright | 46.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 92 | 37574 | No |
| 10 | GOM_NL__2PRFIN20090508_005826_000000422078_00446_37574_3254.N1 | 08-MAY-2009 00:58:26 | Bright | 41.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 83 | 37574 | No |
| 11 | GOM_NL__2PRFIN20090508_010910_000000372078_00446_37574_3255.N1 | 08-MAY-2009 01:09:10 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37574 | No |
| 12 | GOM_NL__2PRFIN20090508_012151_000000352078_00446_37574_3256.N1 | 08-MAY-2009 01:21:51 | Twilight | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37574 | No |
| 13 | GOM_NL__2PRFIN20090508_012606_000000362078_00446_37574_3257.N1 | 08-MAY-2009 01:26:06 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37574 | No |
| 14 | GOM_NL__2PRFIN20090508_013349_000000502078_00446_37574_3258.N1 | 08-MAY-2009 01:33:49 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37574 | No |
| 15 | GOM_NL__2PRFIN20090508_020024_000000472078_00447_37575_3261.N1 | 08-MAY-2009 02:00:24 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37575 | No |
| 16 | GOM_NL__2PRFIN20090508_020214_000000512078_00447_37575_3262.N1 | 08-MAY-2009 02:02:14 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37575 | No |
| 17 | GOM_NL__2PRFIN20090508_020458_000000472078_00447_37575_3263.N1 | 08-MAY-2009 02:04:58 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37575 | No |
| 18 | GOM_NL__2PRFIN20090508_020823_000000482078_00447_37575_3264.N1 | 08-MAY-2009 02:08:23 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37575 | No |
| 19 | GOM_NL__2PRFIN20090508_021020_000000452078_00447_37575_3265.N1 | 08-MAY-2009 02:10:20 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37575 | No |
| 20 | GOM_NL__2PRFIN20090508_021517_000000422078_00447_37575_3266.N1 | 08-MAY-2009 02:15:17 | Bright | 42.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 84 | 37575 | No |
| 21 | GOM_NL__2PRFIN20090508_022121_000000522078_00447_37575_3267.N1 | 08-MAY-2009 02:21:21 | Bright | 51.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 103 | 37575 | No |
| 22 | GOM_NL__2PRFIN20090508_022643_000000422078_00447_37575_3268.N1 | 08-MAY-2009 02:26:43 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 37575 | No |
| 23 | GOM_NL__2PRFIN20090508_022808_000000482078_00447_37575_3269.N1 | 08-MAY-2009 02:28:08 | Bright | 48.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 96 | 37575 | No |
| 24 | GOM_NL__2PRFIN20090508_023901_000000392078_00447_37575_3270.N1 | 08-MAY-2009 02:39:01 | Bright | 39.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 78 | 37575 | No |
| 25 | GOM_NL__2PRFIN20090508_024946_000000372078_00447_37575_3271.N1 | 08-MAY-2009 02:49:46 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 37575 | No |
| 26 | GOM_NL__2PRFIN20090508_030227_000000352078_00447_37575_3272.N1 | 08-MAY-2009 03:02:27 | Twilight | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37575 | No |
| 27 | GOM_NL__2PRFIN20090508_030642_000000362078_00447_37575_3273.N1 | 08-MAY-2009 03:06:42 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37575 | No |
| 28 | GOM_NL__2PRFIN20090508_031426_000000502078_00447_37575_3274.N1 | 08-MAY-2009 03:14:26 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37575 | No |
| 29 | GOM_NL__2PRFIN20090508_034100_000000472078_00448_37576_3276.N1 | 08-MAY-2009 03:41:00 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37576 | No |
| 30 | GOM_NL__2PRFIN20090508_034251_000000512078_00448_37576_3277.N1 | 08-MAY-2009 03:42:51 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37576 | No |
| 31 | GOM_NL__2PRFIN20090508_034534_000000472078_00448_37576_3278.N1 | 08-MAY-2009 03:45:34 | Straylight | 47.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 94 | 37576 | No |
| 32 | GOM_NL__2PRFIN20090508_034859_000000492078_00448_37576_3279.N1 | 08-MAY-2009 03:48:59 | Twilight | 48.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 97 | 37576 | No |
| 33 | GOM_NL__2PRFIN20090508_035056_000000452078_00448_37576_3280.N1 | 08-MAY-2009 03:50:56 | Bright | 45.000 | 80 | 7Del Sco | 2.3160 | 30000. | 90 | 37576 | No |
| 34 | GOM_NL__2PRFIN20090508_035552_000000432078_00448_37576_3281.N1 | 08-MAY-2009 03:55:52 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37576 | No |
| 35 | GOM_NL__2PRFIN20090508_040157_000000502078_00448_37576_3282.N1 | 08-MAY-2009 04:01:57 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37576 | No |
| 36 | GOM_NL__2PRFIN20090508_040719_000000432078_00448_37576_3283.N1 | 08-MAY-2009 04:07:19 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 37576 | No |
| 37 | GOM_NL__2PRFIN20090508_040844_000000522078_00448_37576_3284.N1 | 08-MAY-2009 04:08:44 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 37576 | No |
| 38 | GOM_NL__2PRFIN20090508_041937_000000422078_00448_37576_3285.N1 | 08-MAY-2009 04:19:37 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37576 | No |
| 39 | GOM_NL__2PRFIN20090508_043022_000000382078_00448_37576_3286.N1 | 08-MAY-2009 04:30:22 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37576 | No |
| 40 | GOM_NL__2PRFIN20090508_044304_000000352078_00448_37576_3287.N1 | 08-MAY-2009 04:43:04 | Twilight | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37576 | No |
| 41 | GOM_NL__2PRFIN20090508_044718_000000362078_00448_37576_3288.N1 | 08-MAY-2009 04:47:18 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37576 | No |
| 42 | GOM_NL__2PRFIN20090508_045503_000000502078_00448_37576_3289.N1 | 08-MAY-2009 04:55:03 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37576 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20090508_052137_000000482078_00449_37577_3290.N1 | 08-MAY-2009 05:21:37 | Straylight | 47.500 | 40 | The Sco | 1.8590 | 7100.0 | 95 | 37577 | No |
| 44 | GOM_NL__2PRFIN20090508_052328_000000512078_00449_37577_3291.N1 | 08-MAY-2009 05:23:28 | Straylight | 51.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 102 | 37577 | No |
| 45 | GOM_NL__2PRFIN20090508_052611_000000472078_00449_37577_3292.N1 | 08-MAY-2009 05:26:11 | Straylight | 47.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 94 | 37577 | No |
| 46 | GOM_NL__2PRFIN20090508_052936_000000482078_00449_37577_3293.N1 | 08-MAY-2009 05:29:36 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37577 | No |
| 47 | GOM_NL__2PRFIN20090508_053133_000000452078_00449_37577_3294.N1 | 08-MAY-2009 05:31:33 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37577 | No |
| 48 | GOM_NL__2PRFIN20090508_053628_000000432078_00449_37577_3295.N1 | 08-MAY-2009 05:36:28 | Bright | 43.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 86 | 37577 | No |
| 49 | GOM_NL__2PRFIN20090508_054232_000000512078_00449_37577_3296.N1 | 08-MAY-2009 05:42:32 | Bright | 51.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 102 | 37577 | No |
| 50 | GOM_NL__2PRFIN20090508_054754_000000432078_00449_37577_3297.N1 | 08-MAY-2009 05:47:54 | Bright | 42.500 | 83 | | 2.3780 | 11000. | 85 | 37577 | No |
| 51 | GOM_NL__2PRFIN20090508_054918_000000552078_00449_37577_3298.N1 | 08-MAY-2009 05:49:18 | Bright | 54.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 109 | 37577 | No |
| 52 | GOM_NL__2PRFIN20090508_060012_000000422078_00449_37577_3299.N1 | 08-MAY-2009 06:00:12 | Bright | 41.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 83 | 37577 | No |
| 53 | GOM_NL__2PRFIN20090508_061057_000000382078_00449_37577_3300.N1 | 08-MAY-2009 06:10:57 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37577 | No |
| 54 | GOM_NL__2PRFIN20090508_062340_000000352078_00449_37577_3301.N1 | 08-MAY-2009 06:23:40 | Tw_i_and_stray | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37577 | No |
| 55 | GOM_NL__2PRFIN20090508_062755_000000362078_00449_37577_3302.N1 | 08-MAY-2009 06:27:55 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37577 | No |
| 56 | GOM_NL__2PRFIN20090508_063540_000000502078_00449_37577_3303.N1 | 08-MAY-2009 06:35:40 | Dark | 50.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 100 | 37577 | No |
| 57 | GOM_NL__2PRFIN20090508_070214_000000482078_00450_37578_3304.N1 | 08-MAY-2009 07:02:14 | Straylight | 47.500 | 40 | The Sco | 1.8590 | 7100.0 | 95 | 37578 | No |
| 58 | GOM_NL__2PRFIN20090508_070405_000000512078_00450_37578_3305.N1 | 08-MAY-2009 07:04:05 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37578 | No |
| 59 | GOM_NL__2PRFIN20090508_070648_000000472078_00450_37578_3306.N1 | 08-MAY-2009 07:06:48 | Straylight | 47.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 94 | 37578 | No |
| 60 | GOM_NL__2PRFIN20090508_071012_000000492078_00450_37578_3307.N1 | 08-MAY-2009 07:10:12 | Tw_i_and_stray | 49.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 98 | 37578 | No |
| 61 | GOM_NL__2PRFIN20090508_071209_000000452078_00450_37578_3308.N1 | 08-MAY-2009 07:12:09 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37578 | No |
| 62 | GOM_NL__2PRFIN20090508_071705_000000422078_00450_37578_3309.N1 | 08-MAY-2009 07:17:05 | Bright | 42.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 84 | 37578 | No |
| 63 | GOM_NL__2PRFIN20090508_072308_000000512078_00450_37578_3310.N1 | 08-MAY-2009 07:23:08 | Bright | 50.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 101 | 37578 | No |
| 64 | GOM_NL__2PRFIN20090508_072831_000000422078_00450_37578_3311.N1 | 08-MAY-2009 07:28:31 | Bright | 42.000 | 83 | | 2.3780 | 11000. | 84 | 37578 | No |
| 65 | GOM_NL__2PRFIN20090508_072954_000000502078_00450_37578_3312.N1 | 08-MAY-2009 07:29:54 | Bright | 50.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 100 | 37578 | No |
| 66 | GOM_NL__2PRFIN20090508_074048_000000632078_00450_37578_3313.N1 | 08-MAY-2009 07:40:48 | Bright | 63.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 126 | 37578 | No |
| 67 | GOM_NL__2PRFIN20090508_075133_000000372078_00450_37578_3314.N1 | 08-MAY-2009 07:51:33 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 37578 | No |
| 68 | GOM_NL__2PRFIN20090508_080416_000000352078_00450_37578_3315.N1 | 08-MAY-2009 08:04:16 | Tw_i_and_stray | 34.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 69 | 37578 | No |
| 69 | GOM_NL__2PRFIN20090508_080831_000000362078_00450_37578_3316.N1 | 08-MAY-2009 08:08:31 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37578 | No |
| 70 | GOM_NL__2PRFIN20090508_081617_000000512078_00450_37578_3317.N1 | 08-MAY-2009 08:16:17 | Dark | 50.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 101 | 37578 | No |
| 71 | GOM_NL__2PRFIN20090508_102327_000000472078_00452_37580_3359.N1 | 08-MAY-2009 10:23:27 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37580 | No |
| 72 | GOM_NL__2PRFIN20090508_102518_000000502078_00452_37580_3360.N1 | 08-MAY-2009 10:25:18 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37580 | No |
| 73 | GOM_NL__2PRFIN20090508_102801_000000472078_00452_37580_3361.N1 | 08-MAY-2009 10:28:01 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37580 | No |
| 74 | GOM_NL__2PRFIN20090508_103124_000000482078_00452_37580_3362.N1 | 08-MAY-2009 10:31:24 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37580 | No |
| 75 | GOM_NL__2PRFIN20090508_103321_000000442078_00452_37580_3363.N1 | 08-MAY-2009 10:33:21 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37580 | No |
| 76 | GOM_NL__2PRFIN20090508_103816_000000442078_00452_37580_3364.N1 | 08-MAY-2009 10:38:16 | Bright | 44.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 88 | 37580 | No |
| 77 | GOM_NL__2PRFIN20090508_104418_000000502078_00452_37580_3365.N1 | 08-MAY-2009 10:44:18 | Bright | 49.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 99 | 37580 | No |
| 78 | GOM_NL__2PRFIN20090508_104941_000000432078_00452_37580_3366.N1 | 08-MAY-2009 10:49:41 | Bright | 43.000 | 83 | | 2.3780 | 11000. | 86 | 37580 | No |
| 79 | GOM_NL__2PRFIN20090508_105104_000000712078_00452_37580_3367.N1 | 08-MAY-2009 10:51:04 | Bright | 71.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 142 | 37580 | No |
| 80 | GOM_NL__2PRFIN20090508_110159_000000422078_00452_37580_3368.N1 | 08-MAY-2009 11:01:59 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37580 | No |
| 81 | GOM_NL__2PRFIN20090508_111244_000000382078_00452_37580_3369.N1 | 08-MAY-2009 11:12:44 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37580 | No |
| 82 | GOM_NL__2PRFIN20090508_112528_000000352078_00452_37580_3370.N1 | 08-MAY-2009 11:25:28 | Tw_i_and_stray | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37580 | No |
| 83 | GOM_NL__2PRFIN20090508_112944_000000362078_00452_37580_3371.N1 | 08-MAY-2009 11:29:44 | Dark | 35.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 71 | 37580 | No |
| 84 | GOM_NL__2PRFIN20090508_113731_000000512078_00452_37580_3372.N1 | 08-MAY-2009 11:37:31 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37580 | No |
| 85 | GOM_NL__2PRFIN20090508_120404_000000472078_00453_37581_3371.N1 | 08-MAY-2009 12:04:04 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37581 | No |
| 86 | GOM_NL__2PRFIN20090508_120555_000000512078_00453_37581_3372.N1 | 08-MAY-2009 12:05:55 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37581 | No |
| 87 | GOM_NL__2PRFIN20090508_120837_000000472078_00453_37581_3373.N1 | 08-MAY-2009 12:08:37 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37581 | No |
| 88 | GOM_NL__2PRFIN20090508_121201_000000482078_00453_37581_3374.N1 | 08-MAY-2009 12:12:01 | Tw_i_and_stray | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37581 | No |
| 89 | GOM_NL__2PRFIN20090508_121357_000000442078_00453_37581_3375.N1 | 08-MAY-2009 12:13:57 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37581 | No |
| 90 | GOM_NL__2PRFIN20090508_121852_000000462078_00453_37581_3376.N1 | 08-MAY-2009 12:18:52 | Bright | 45.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 91 | 37581 | No |
| 91 | GOM_NL__2PRFIN20090508_122454_000000502078_00453_37581_3377.N1 | 08-MAY-2009 12:24:54 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37581 | No |
| 92 | GOM_NL__2PRFIN20090508_123017_000000442078_00453_37581_3378.N1 | 08-MAY-2009 12:30:17 | Bright | 44.000 | 83 | | 2.3780 | 11000. | 88 | 37581 | No |
| 93 | GOM_NL__2PRFIN20090508_123140_000000452078_00453_37581_3379.N1 | 08-MAY-2009 12:31:40 | Bright | 45.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 90 | 37581 | No |
| 94 | GOM_NL__2PRFIN20090508_124234_000000432078_00453_37581_3380.N1 | 08-MAY-2009 12:42:34 | Bright | 42.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 85 | 37581 | No |
| 95 | GOM_NL__2PRFIN20090508_125319_000000382078_00453_37581_3381.N1 | 08-MAY-2009 12:53:19 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37581 | No |
| 96 | GOM_NL__2PRFIN20090508_130604_000000352078_00453_37581_3382.N1 | 08-MAY-2009 13:06:04 | Tw_i_and_stray | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37581 | No |
| 97 | GOM_NL__2PRFIN20090508_131020_000000362078_00453_37581_3383.N1 | 08-MAY-2009 13:10:20 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37581 | No |
| 98 | GOM_NL__2PRFIN20090508_131808_000000512078_00453_37581_3384.N1 | 08-MAY-2009 13:18:08 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37581 | No |
| 99 | GOM_NL__2PRFIN20090508_134441_000000472078_00454_37582_3391.N1 | 08-MAY-2009 13:44:41 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37582 | No |
| 100 | GOM_NL__2PRFIN20090508_134632_000000502078_00454_37582_3392.N1 | 08-MAY-2009 13:46:32 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37582 | No |
| 101 | GOM_NL__2PRFIN20090508_134914_000000472078_00454_37582_3393.N1 | 08-MAY-2009 13:49:14 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37582 | No |

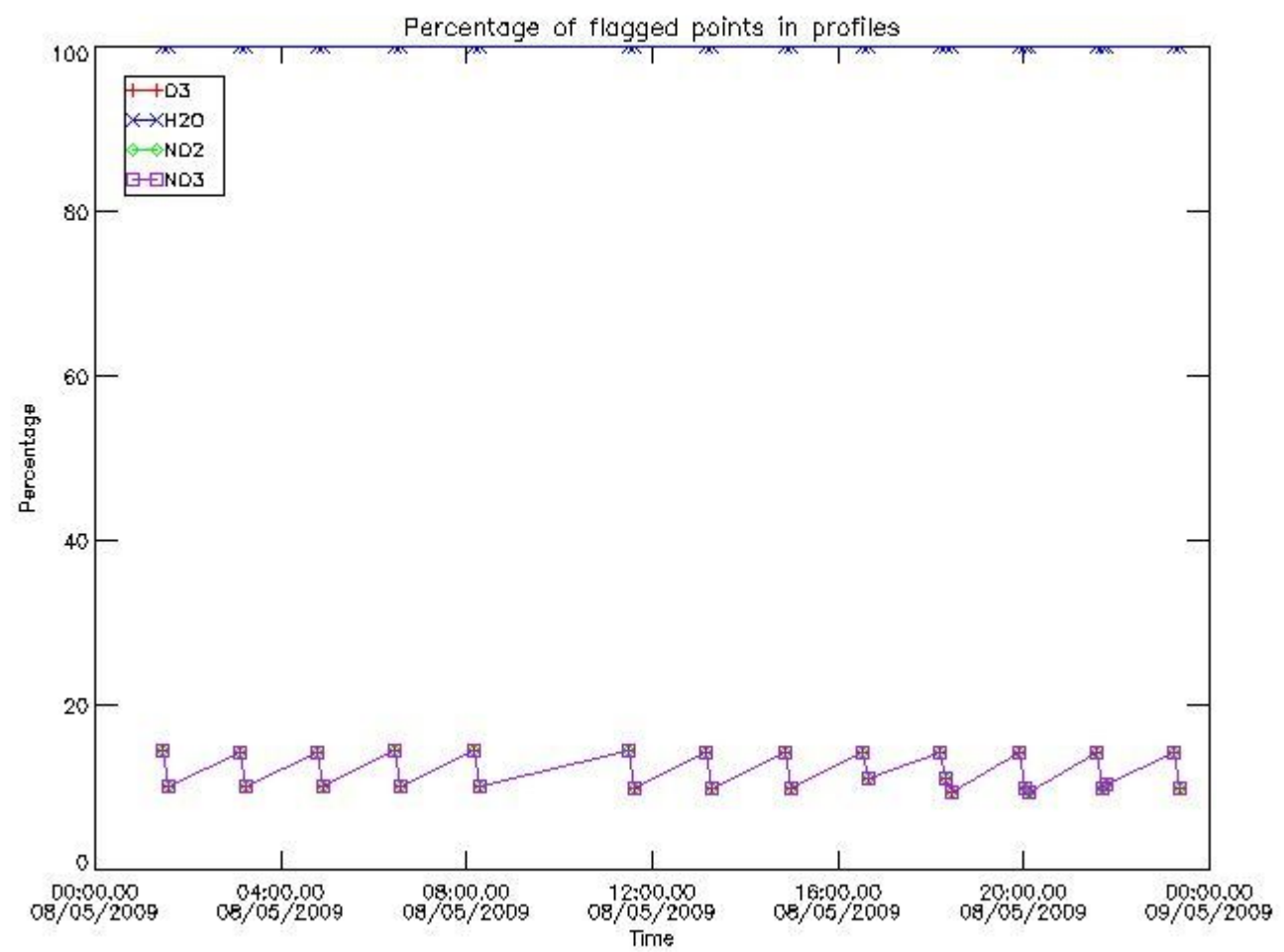
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|-----|--|----------------------|------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20090508_135237_000000482078_00454_37582_3394.N1 | 08-MAY-2009 13:52:37 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37582 | No |
| 103 | GOM_NL__2PRFIN20090508_135434_000000442078_00454_37582_3395.N1 | 08-MAY-2009 13:54:34 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37582 | No |
| 104 | GOM_NL__2PRFIN20090508_135928_000000432078_00454_37582_3396.N1 | 08-MAY-2009 13:59:28 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37582 | No |
| 105 | GOM_NL__2PRFIN20090508_140530_000000502078_00454_37582_3397.N1 | 08-MAY-2009 14:05:30 | Bright | 49.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 99 | 37582 | No |
| 106 | GOM_NL__2PRFIN20090508_142309_000000422078_00454_37582_3398.N1 | 08-MAY-2009 14:23:09 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37582 | No |
| 107 | GOM_NL__2PRFIN20090508_143355_000000382078_00454_37582_3399.N1 | 08-MAY-2009 14:33:55 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37582 | No |
| 108 | GOM_NL__2PRFIN20090508_144640_000000352078_00454_37582_3400.N1 | 08-MAY-2009 14:46:40 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37582 | No |
| 109 | GOM_NL__2PRFIN20090508_145057_000000362078_00454_37582_3401.N1 | 08-MAY-2009 14:50:57 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37582 | No |
| 110 | GOM_NL__2PRFIN20090508_145846_000000512078_00454_37582_3402.N1 | 08-MAY-2009 14:58:46 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37582 | No |
| 111 | GOM_NL__2PRFIN20090508_152517_000000472078_00455_37583_3425.N1 | 08-MAY-2009 15:25:17 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37583 | No |
| 112 | GOM_NL__2PRFIN20090508_152708_000000512078_00455_37583_3426.N1 | 08-MAY-2009 15:27:08 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37583 | No |
| 113 | GOM_NL__2PRFIN20090508_152950_000000472078_00455_37583_3427.N1 | 08-MAY-2009 15:29:50 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37583 | No |
| 114 | GOM_NL__2PRFIN20090508_153313_000000482078_00455_37583_3428.N1 | 08-MAY-2009 15:33:13 | Twilight | 47.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 95 | 37583 | No |
| 115 | GOM_NL__2PRFIN20090508_153510_000000452078_00455_37583_3429.N1 | 08-MAY-2009 15:35:10 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37583 | No |
| 116 | GOM_NL__2PRFIN20090508_154004_000000432078_00455_37583_3430.N1 | 08-MAY-2009 15:40:04 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37583 | No |
| 117 | GOM_NL__2PRFIN20090508_154605_000000502078_00455_37583_3431.N1 | 08-MAY-2009 15:46:05 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37583 | No |
| 118 | GOM_NL__2PRFIN20090508_160345_000000422078_00455_37583_3432.N1 | 08-MAY-2009 16:03:45 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37583 | No |
| 119 | GOM_NL__2PRFIN20090508_161431_000000382078_00455_37583_3433.N1 | 08-MAY-2009 16:14:31 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37583 | No |
| 120 | GOM_NL__2PRFIN20090508_162717_000000352078_00455_37583_3434.N1 | 08-MAY-2009 16:27:17 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37583 | No |
| 121 | GOM_NL__2PRFIN20090508_163133_000000362078_00455_37583_3435.N1 | 08-MAY-2009 16:31:33 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37583 | No |
| 122 | GOM_NL__2PRFIN20090508_163923_000000512078_00455_37583_3436.N1 | 08-MAY-2009 16:39:23 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37583 | No |
| 123 | GOM_NL__2PRFIN20090508_170554_000000472078_00456_37584_3444.N1 | 08-MAY-2009 17:05:54 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37584 | No |
| 124 | GOM_NL__2PRFIN20090508_170745_000000512078_00456_37584_3445.N1 | 08-MAY-2009 17:07:45 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37584 | No |
| 125 | GOM_NL__2PRFIN20090508_171027_000000462078_00456_37584_3446.N1 | 08-MAY-2009 17:10:27 | Straylight | 46.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 92 | 37584 | No |
| 126 | GOM_NL__2PRFIN20090508_171350_000000482078_00456_37584_3447.N1 | 08-MAY-2009 17:13:50 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37584 | No |
| 127 | GOM_NL__2PRFIN20090508_171546_000000442078_00456_37584_3448.N1 | 08-MAY-2009 17:15:46 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37584 | No |
| 128 | GOM_NL__2PRFIN20090508_172040_000000432078_00456_37584_3449.N1 | 08-MAY-2009 17:20:40 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37584 | No |
| 129 | GOM_NL__2PRFIN20090508_172640_000000502078_00456_37584_3450.N1 | 08-MAY-2009 17:26:40 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37584 | No |
| 130 | GOM_NL__2PRFIN20090508_173204_000000412078_00456_37584_3451.N1 | 08-MAY-2009 17:32:04 | Bright | 41.000 | 83 | | 2.3780 | 11000. | 82 | 37584 | No |
| 131 | GOM_NL__2PRFIN20090508_174420_000000422078_00456_37584_3452.N1 | 08-MAY-2009 17:44:20 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37584 | No |
| 132 | GOM_NL__2PRFIN20090508_175506_000000392078_00456_37584_3453.N1 | 08-MAY-2009 17:55:06 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 37584 | No |
| 133 | GOM_NL__2PRFIN20090508_180753_000000362078_00456_37584_3454.N1 | 08-MAY-2009 18:07:53 | Twilight | 35.500 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 71 | 37584 | No |
| 134 | GOM_NL__2PRFIN20090508_181209_000000362078_00456_37584_3455.N1 | 08-MAY-2009 18:12:09 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37584 | No |
| 135 | GOM_NL__2PRFIN20090508_182000_000000512078_00456_37584_3456.N1 | 08-MAY-2009 18:20:00 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37584 | No |
| 136 | GOM_NL__2PRFIN20090508_182605_000000552078_00456_37584_3457.N1 | 08-MAY-2009 18:26:05 | Dark | 54.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 109 | 37584 | No |
| 137 | GOM_NL__2PRFIN20090508_184631_000000472078_00457_37585_3465.N1 | 08-MAY-2009 18:46:31 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37585 | No |
| 138 | GOM_NL__2PRFIN20090508_184822_000000512078_00457_37585_3466.N1 | 08-MAY-2009 18:48:22 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37585 | No |
| 139 | GOM_NL__2PRFIN20090508_185103_000000472078_00457_37585_3467.N1 | 08-MAY-2009 18:51:03 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37585 | No |
| 140 | GOM_NL__2PRFIN20090508_185426_000000482078_00457_37585_3468.N1 | 08-MAY-2009 18:54:26 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37585 | No |
| 141 | GOM_NL__2PRFIN20090508_185622_000000452078_00457_37585_3469.N1 | 08-MAY-2009 18:56:22 | Bright | 45.000 | 80 | 7Del Sco | 2.3160 | 30000. | 90 | 37585 | No |
| 142 | GOM_NL__2PRFIN20090508_190116_000000432078_00457_37585_3470.N1 | 08-MAY-2009 19:01:16 | Bright | 42.500 | 104 | 27Bet Lib | 2.6140 | 13100. | 85 | 37585 | No |
| 143 | GOM_NL__2PRFIN20090508_190716_000000502078_00457_37585_3471.N1 | 08-MAY-2009 19:07:16 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37585 | No |
| 144 | GOM_NL__2PRFIN20090508_191239_000000452078_00457_37585_3472.N1 | 08-MAY-2009 19:12:39 | Bright | 45.000 | 83 | | 2.3780 | 11000. | 90 | 37585 | No |
| 145 | GOM_NL__2PRFIN20090508_192455_000000422078_00457_37585_3473.N1 | 08-MAY-2009 19:24:55 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37585 | No |
| 146 | GOM_NL__2PRFIN20090508_193542_000000382078_00457_37585_3474.N1 | 08-MAY-2009 19:35:42 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37585 | No |
| 147 | GOM_NL__2PRFIN20090508_194829_000000352078_00457_37585_3475.N1 | 08-MAY-2009 19:48:29 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37585 | No |
| 148 | GOM_NL__2PRFIN20090508_195246_000000362078_00457_37585_3476.N1 | 08-MAY-2009 19:52:46 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37585 | No |
| 149 | GOM_NL__2PRFIN20090508_200037_000000512078_00457_37585_3477.N1 | 08-MAY-2009 20:00:37 | Dark | 51.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 102 | 37585 | No |
| 150 | GOM_NL__2PRFIN20090508_200642_000000552078_00457_37585_3478.N1 | 08-MAY-2009 20:06:42 | Dark | 54.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 109 | 37585 | No |
| 151 | GOM_NL__2PRFIN20090508_202707_000000472078_00458_37586_3484.N1 | 08-MAY-2009 20:27:07 | Straylight | 47.000 | 40 | The Sco | 1.8590 | 7100.0 | 94 | 37586 | No |
| 152 | GOM_NL__2PRFIN20090508_202858_000000512078_00458_37586_3485.N1 | 08-MAY-2009 20:28:58 | Straylight | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 37586 | No |
| 153 | GOM_NL__2PRFIN20090508_203140_000000472078_00458_37586_3486.N1 | 08-MAY-2009 20:31:40 | Straylight | 46.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 93 | 37586 | No |
| 154 | GOM_NL__2PRFIN20090508_203503_000000482078_00458_37586_3487.N1 | 08-MAY-2009 20:35:03 | Twilight | 48.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 96 | 37586 | No |
| 155 | GOM_NL__2PRFIN20090508_203658_000000442078_00458_37586_3488.N1 | 08-MAY-2009 20:36:58 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37586 | No |
| 156 | GOM_NL__2PRFIN20090508_204152_000000432078_00458_37586_3489.N1 | 08-MAY-2009 20:41:52 | Bright | 43.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 86 | 37586 | No |
| 157 | GOM_NL__2PRFIN20090508_204751_000000502078_00458_37586_3490.N1 | 08-MAY-2009 20:47:51 | Bright | 49.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 99 | 37586 | No |
| 158 | GOM_NL__2PRFIN20090508_205315_000000402078_00458_37586_3491.N1 | 08-MAY-2009 20:53:15 | Bright | 40.000 | 83 | | 2.3780 | 11000. | 80 | 37586 | No |
| 159 | GOM_NL__2PRFIN20090508_210531_000000422078_00458_37586_3492.N1 | 08-MAY-2009 21:05:31 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37586 | No |
| 160 | GOM_NL__2PRFIN20090508_211617_000000382078_00458_37586_3493.N1 | 08-MAY-2009 21:16:17 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37586 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|--------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20090508_212905_000000352078_00458_37586_3494.N1 | 08-MAY-2009 21:29:05 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37586 | No |
| 162 | GOM_NL__2PRFIN20090508_213322_000000362078_00458_37586_3495.N1 | 08-MAY-2009 21:33:22 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37586 | No |
| 163 | GOM_NL__2PRFIN20090508_214114_000000522078_00458_37586_3496.N1 | 08-MAY-2009 21:41:14 | Dark | 51.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 103 | 37586 | No |
| 164 | GOM_NL__2PRFIN20090508_214719_000000552078_00458_37586_3497.N1 | 08-MAY-2009 21:47:19 | Dark | 54.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 109 | 37586 | No |
| 165 | GOM_NL__2PRFIN20090508_220744_000000472078_00459_37587_3507.N1 | 08-MAY-2009 22:07:44 | Straylight | 46.500 | 40 | The Sco | 1.8590 | 7100.0 | 93 | 37587 | No |
| 166 | GOM_NL__2PRFIN20090508_220935_000000502078_00459_37587_3508.N1 | 08-MAY-2009 22:09:35 | Straylight | 49.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 99 | 37587 | No |
| 167 | GOM_NL__2PRFIN20090508_221216_000000462078_00459_37587_3509.N1 | 08-MAY-2009 22:12:16 | Straylight | 46.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 92 | 37587 | No |
| 168 | GOM_NL__2PRFIN20090508_221539_000000482078_00459_37587_3510.N1 | 08-MAY-2009 22:15:39 | Twilight | 47.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 95 | 37587 | No |
| 169 | GOM_NL__2PRFIN20090508_221734_000000442078_00459_37587_3511.N1 | 08-MAY-2009 22:17:34 | Bright | 44.000 | 80 | 7Del Sco | 2.3160 | 30000. | 88 | 37587 | No |
| 170 | GOM_NL__2PRFIN20090508_222228_000000432078_00459_37587_3512.N1 | 08-MAY-2009 22:22:28 | Bright | 43.000 | 104 | 27Bet Lib | 2.6140 | 13100. | 86 | 37587 | No |
| 171 | GOM_NL__2PRFIN20090508_222827_000000502078_00459_37587_3513.N1 | 08-MAY-2009 22:28:27 | Bright | 50.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 100 | 37587 | No |
| 172 | GOM_NL__2PRFIN20090508_223351_000000392078_00459_37587_3514.N1 | 08-MAY-2009 22:33:51 | Bright | 38.500 | 83 | | 2.3780 | 11000. | 77 | 37587 | No |
| 173 | GOM_NL__2PRFIN20090508_224606_000000422078_00459_37587_3515.N1 | 08-MAY-2009 22:46:06 | Bright | 42.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 84 | 37587 | No |
| 174 | GOM_NL__2PRFIN20090508_225653_000000382078_00459_37587_3516.N1 | 08-MAY-2009 22:56:53 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 37587 | No |
| 175 | GOM_NL__2PRFIN20090508_230941_000000352078_00459_37587_3517.N1 | 08-MAY-2009 23:09:41 | Twilight | 35.000 | 93 | 53Bet Peg | 2.5200 | 3100.0 | 70 | 37587 | No |
| 176 | GOM_NL__2PRFIN20090508_231358_000000362078_00459_37587_3518.N1 | 08-MAY-2009 23:13:58 | Dark | 36.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 72 | 37587 | No |
| 177 | GOM_NL__2PRFIN20090508_232151_000000522078_00459_37587_3519.N1 | 08-MAY-2009 23:21:51 | Dark | 51.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 103 | 37587 | No |
| 178 | GOM_NL__2PRFIN20090508_234821_000000472078_00460_37588_3525.N1 | 08-MAY-2009 23:48:21 | Straylight | 46.500 | 40 | The Sco | 1.8590 | 7100.0 | 93 | 37588 | No |
| 179 | GOM_NL__2PRFIN20090508_235012_000000502078_00460_37588_3526.N1 | 08-MAY-2009 23:50:12 | Straylight | 50.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 100 | 37588 | No |
| 180 | GOM_NL__2PRFIN20090508_235252_000000462078_00460_37588_3527.N1 | 08-MAY-2009 23:52:52 | Straylight | 46.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 92 | 37588 | No |
| 181 | GOM_NL__2PRFIN20090508_235615_000000482078_00460_37588_3528.N1 | 08-MAY-2009 23:56:15 | Twilight | 47.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 95 | 37588 | No |
| 182 | GOM_NL__2PRFIN20090508_235810_000000452078_00460_37588_3529.N1 | 08-MAY-2009 23:58:10 | Bright | 44.500 | 80 | 7Del Sco | 2.3160 | 30000. | 89 | 37588 | No |

3. Quality information per product

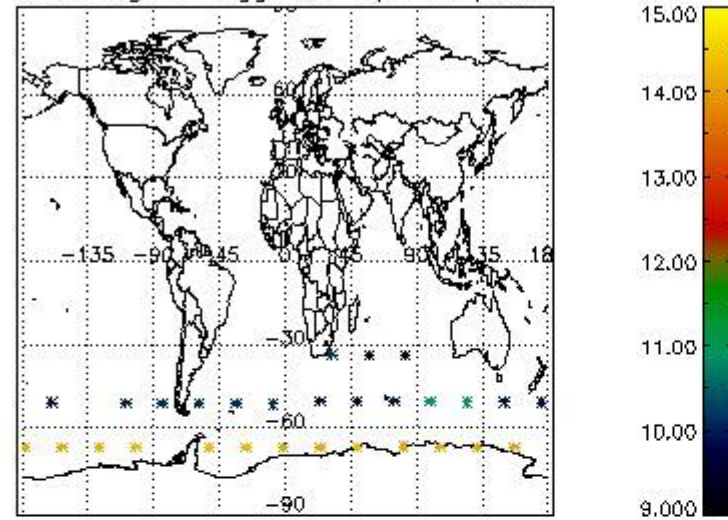
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

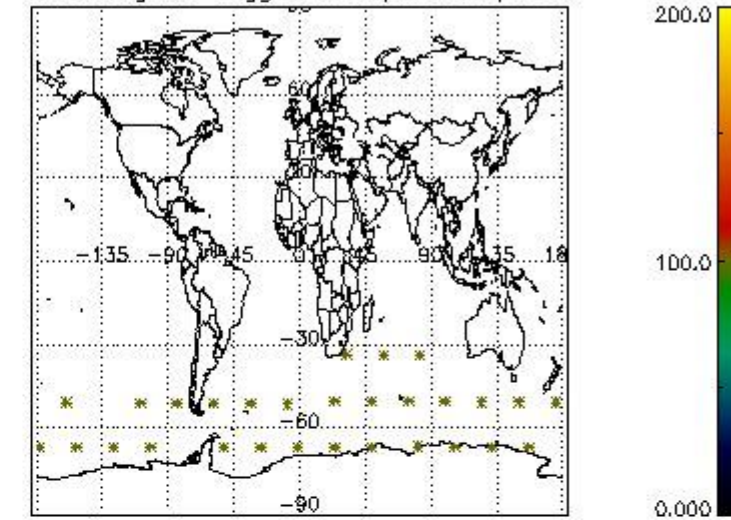


3.2 Plot quality information per product (world map)

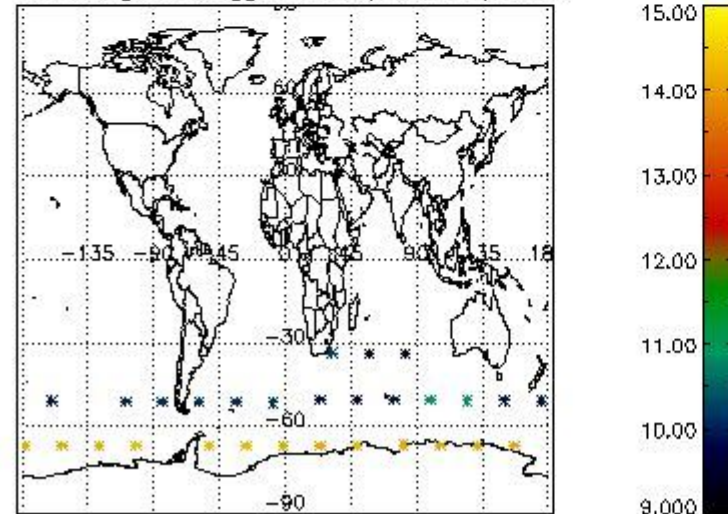
Percentage of flagged data per O3 profile



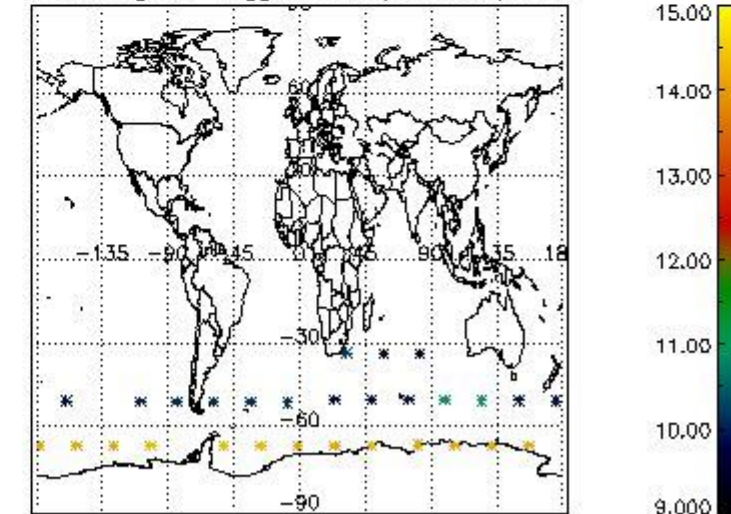
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

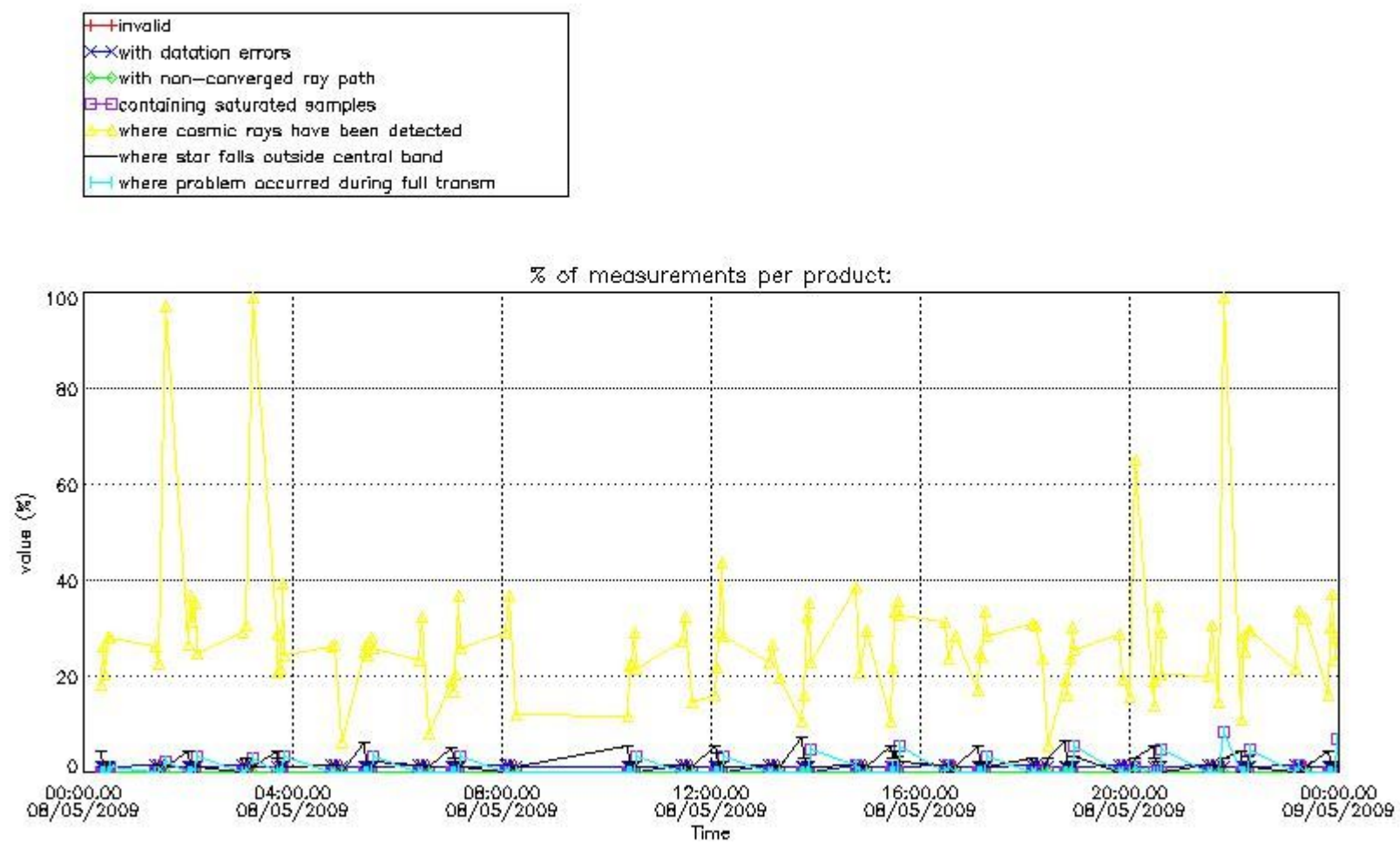


4. Level 1 quality information per product

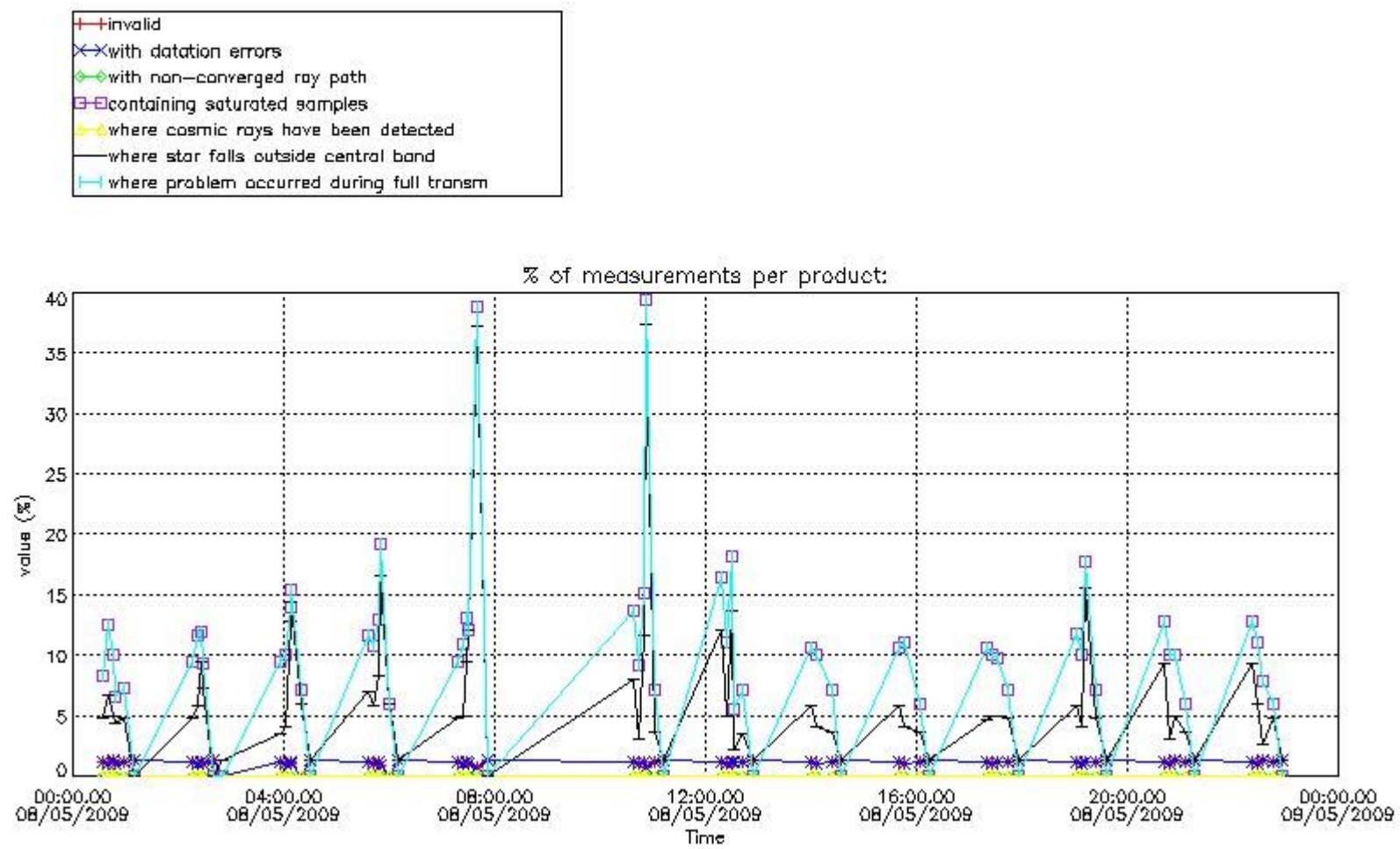
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



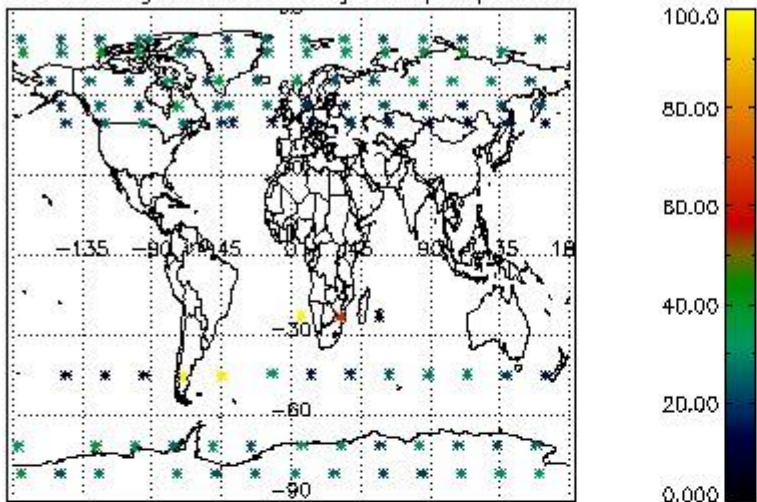
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



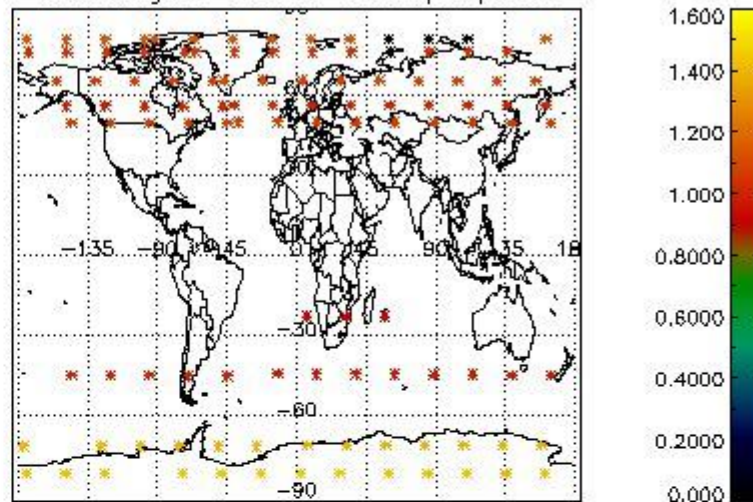
4.2 Plot quality information per product coming from level 1b processing (world map)

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

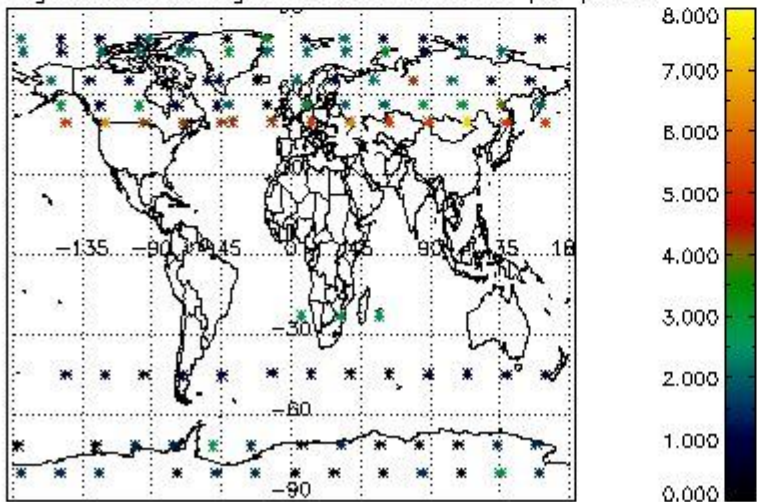
Percentage of cosmic ray hits per profile



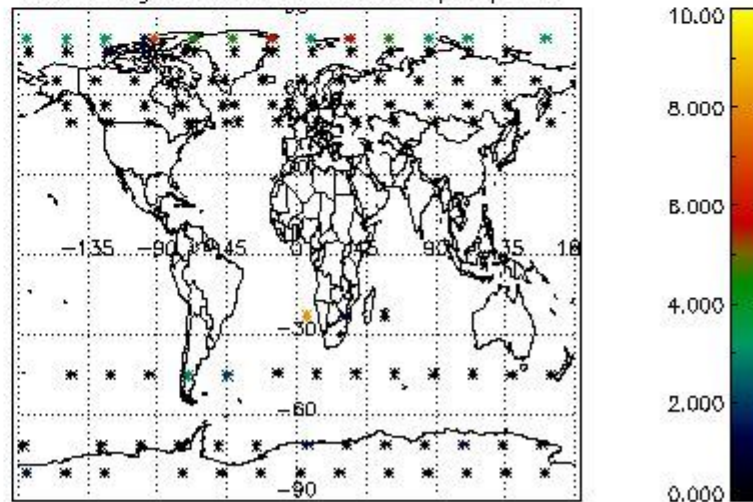
Percentage of datation errors per profile



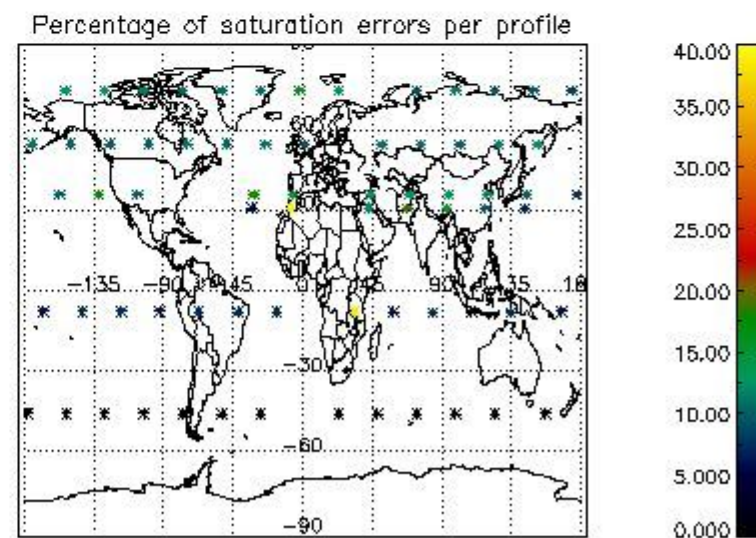
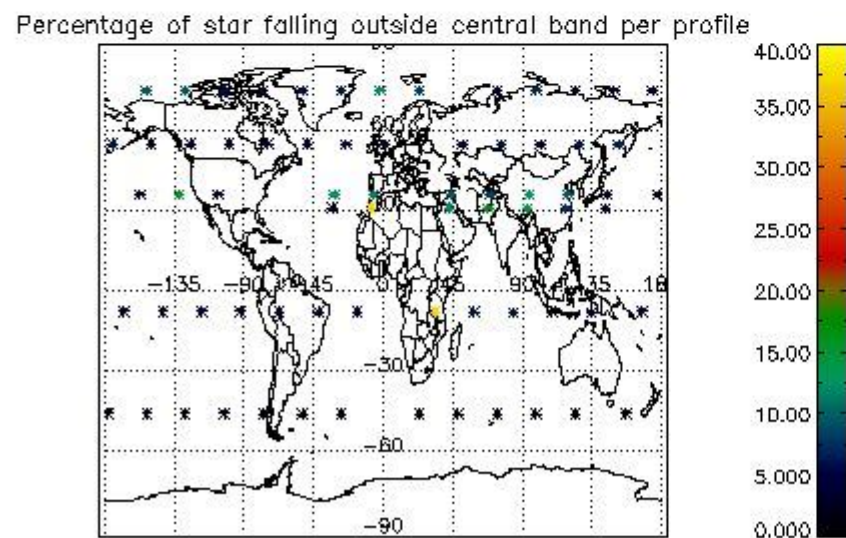
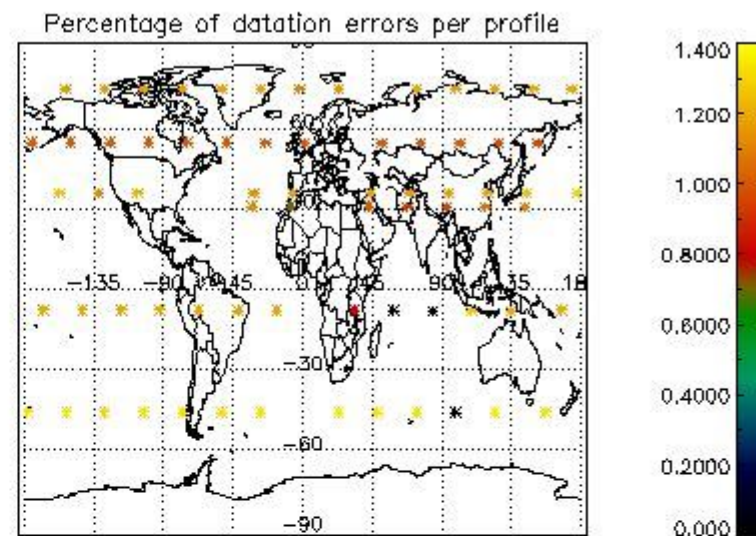
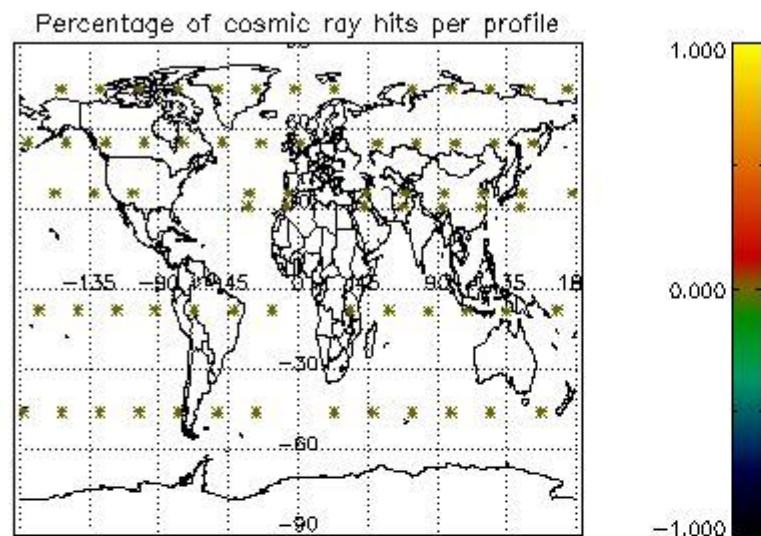
Percentage of star falling outside central band per profile



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

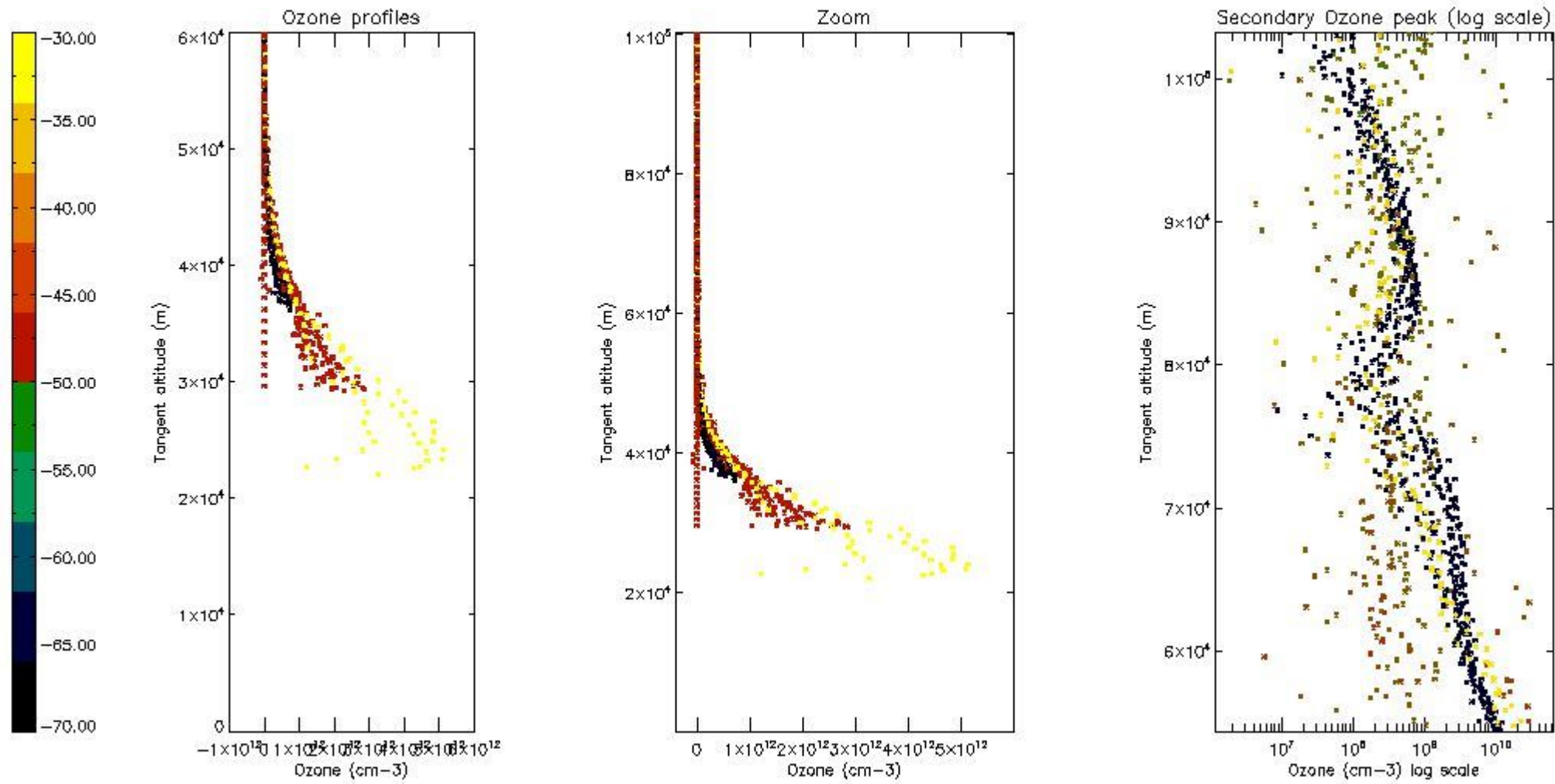
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 16 |
| STD < 20 | 5 |

| | |
|----------|---|
| STD < 10 | 3 |
| STD < 5 | 1 |

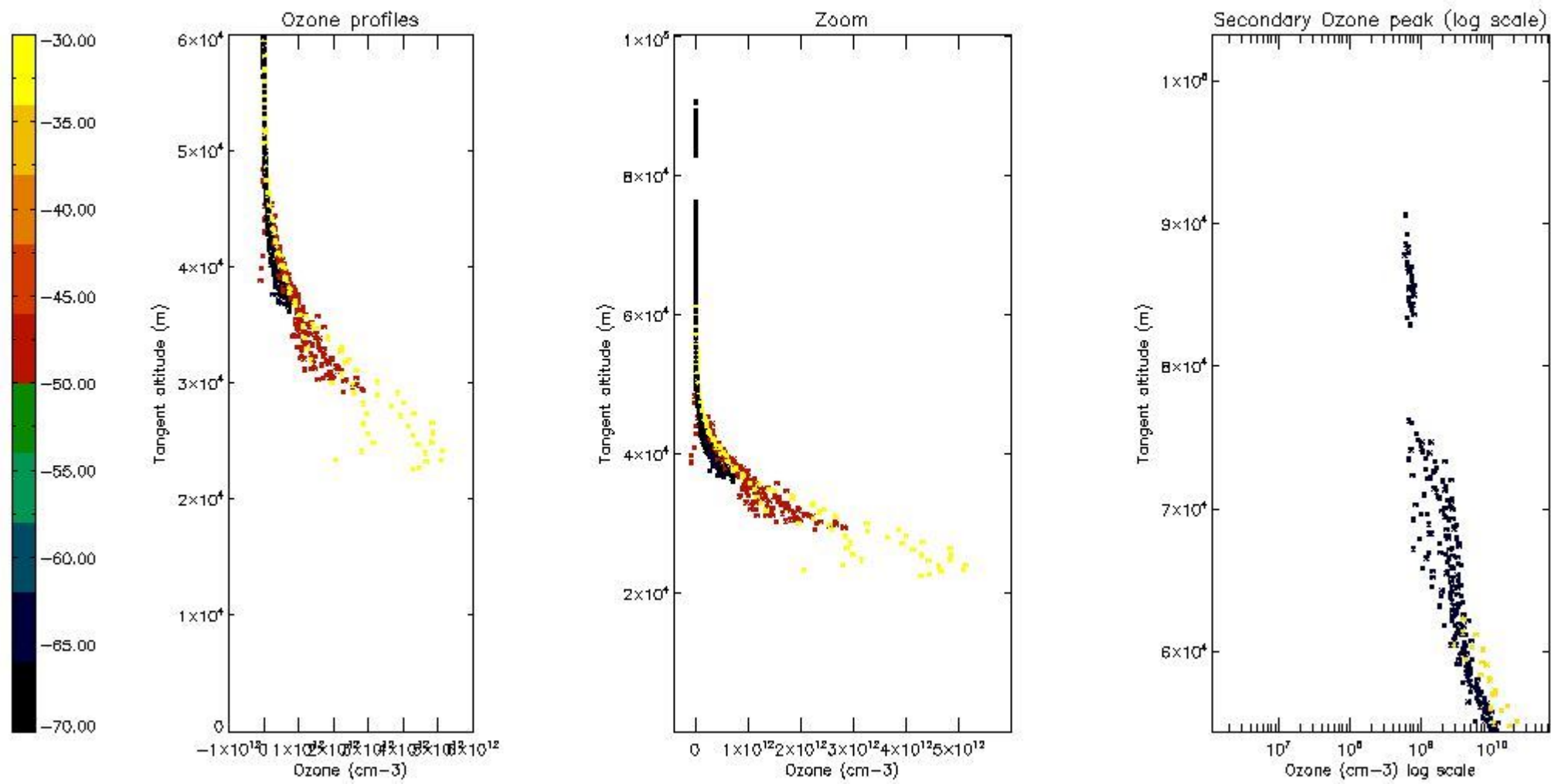
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



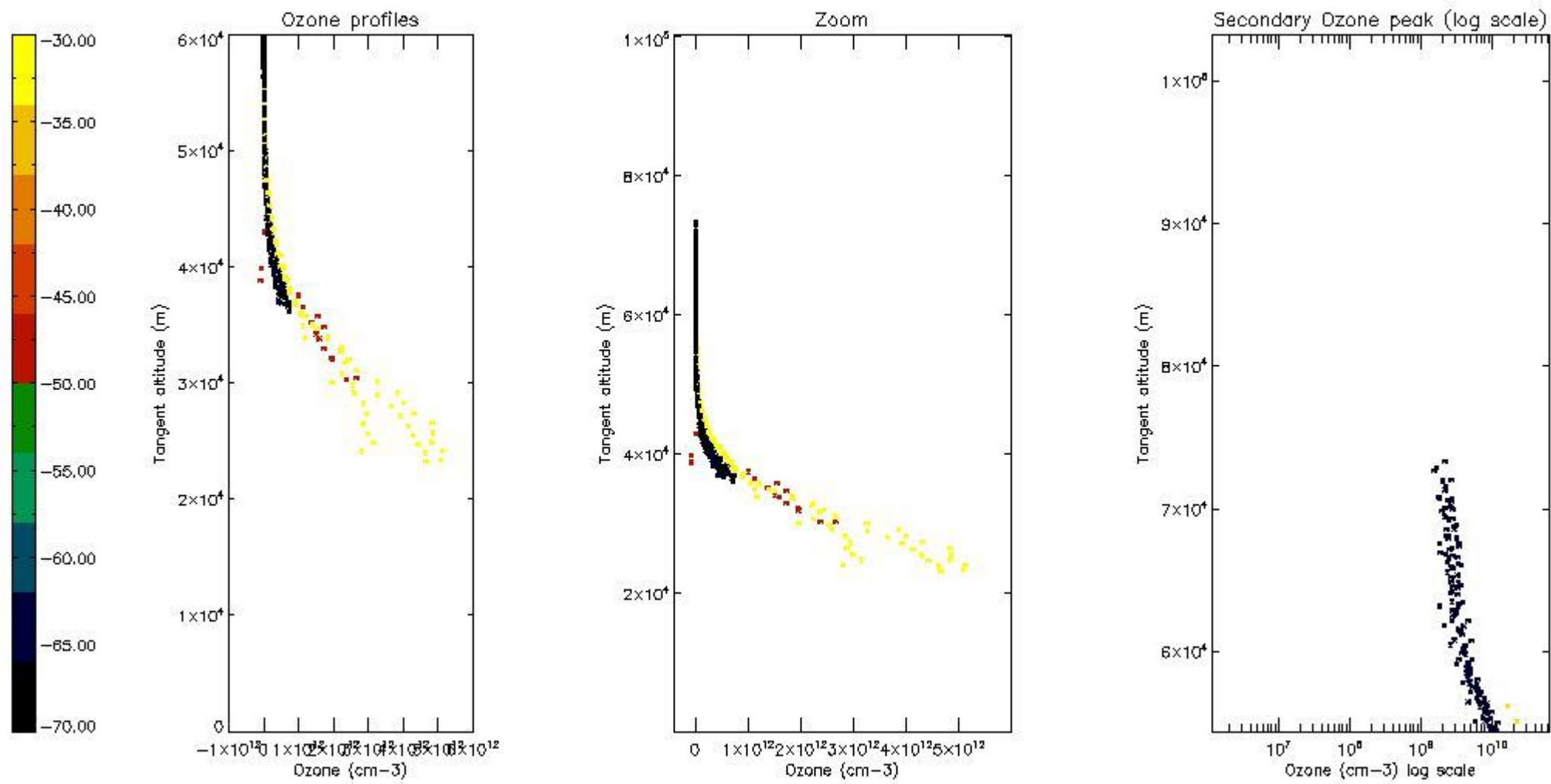
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



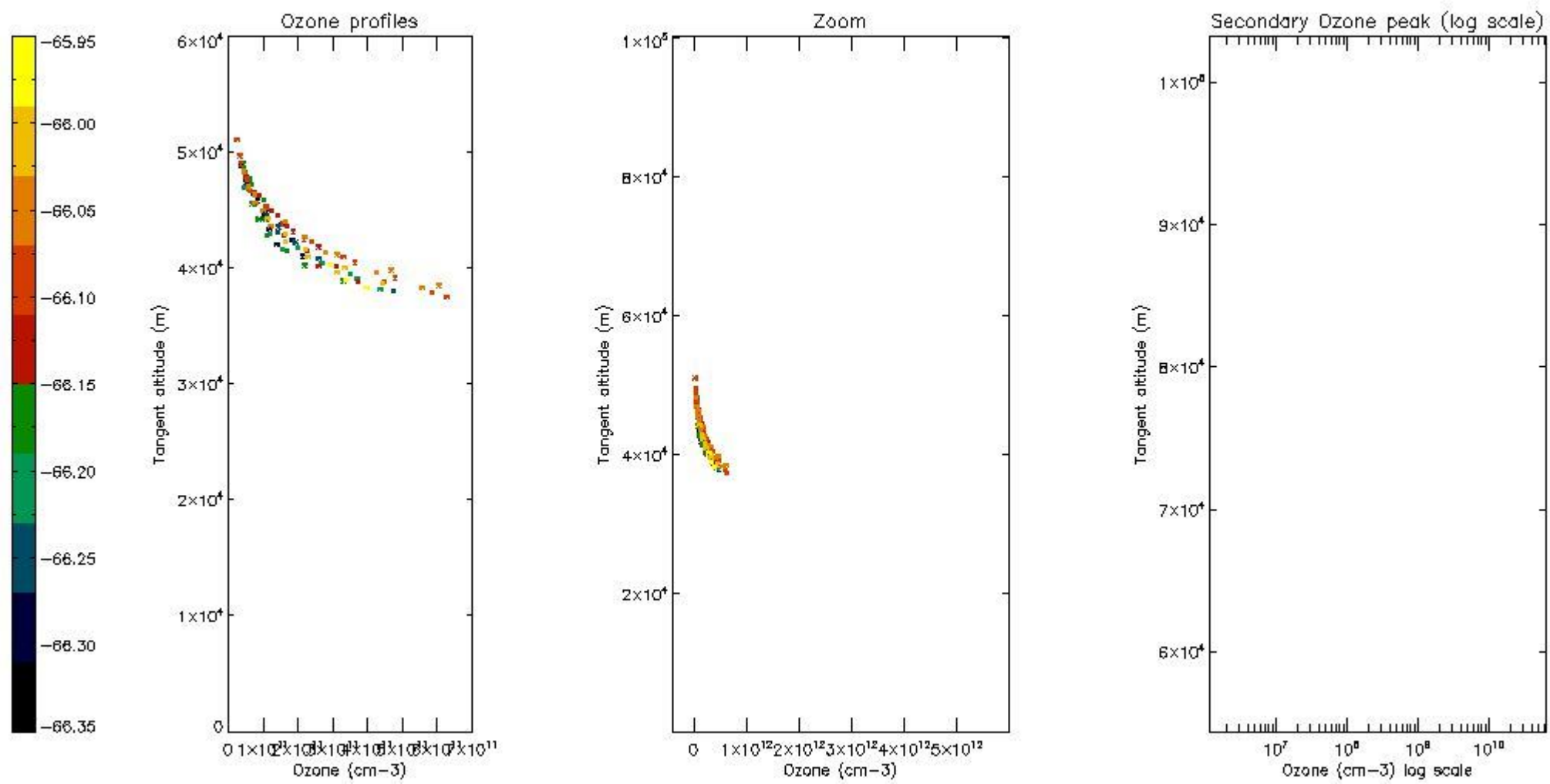
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



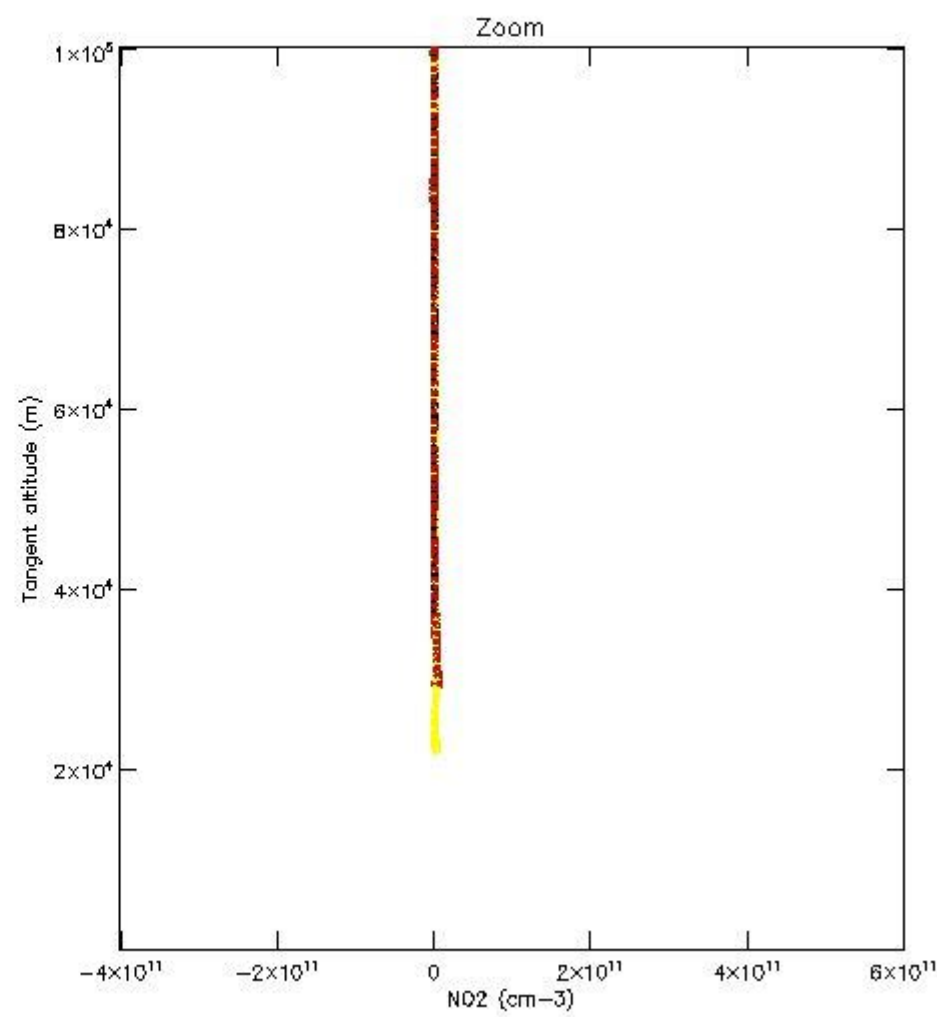
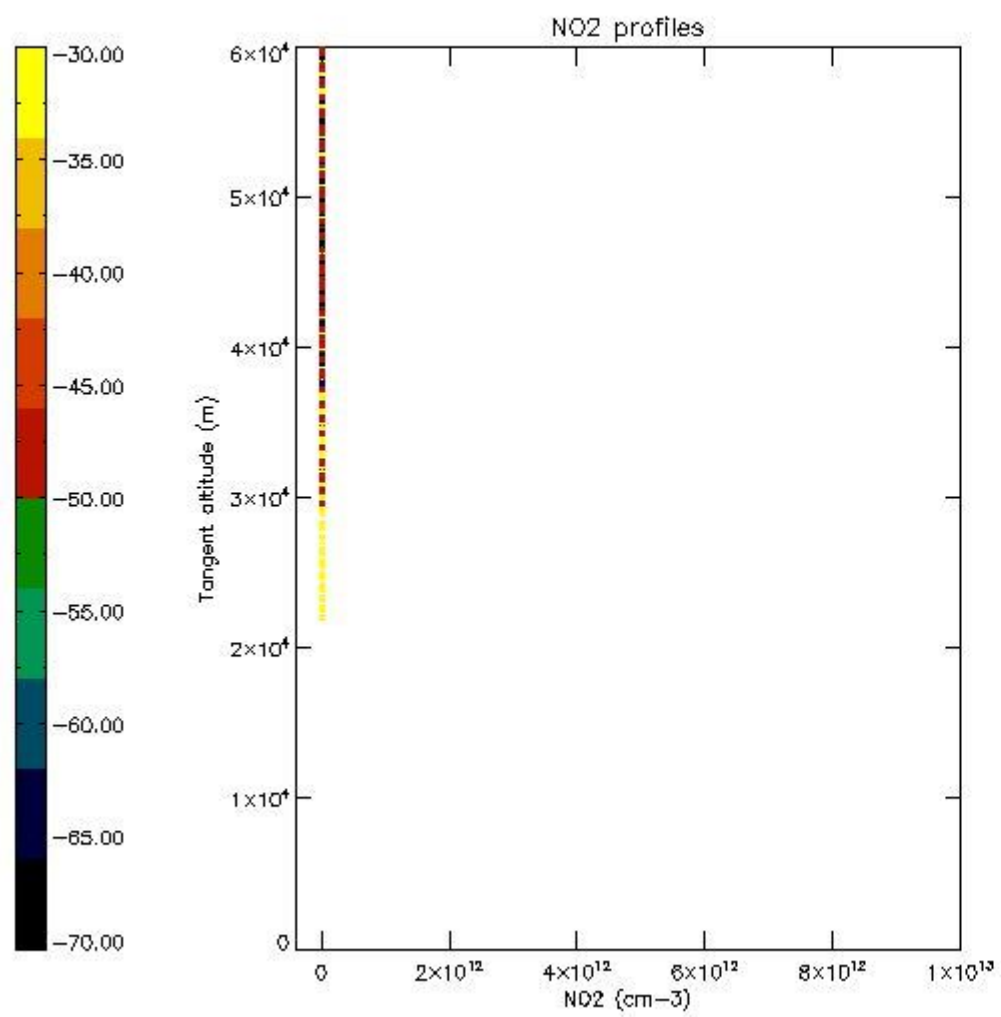
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



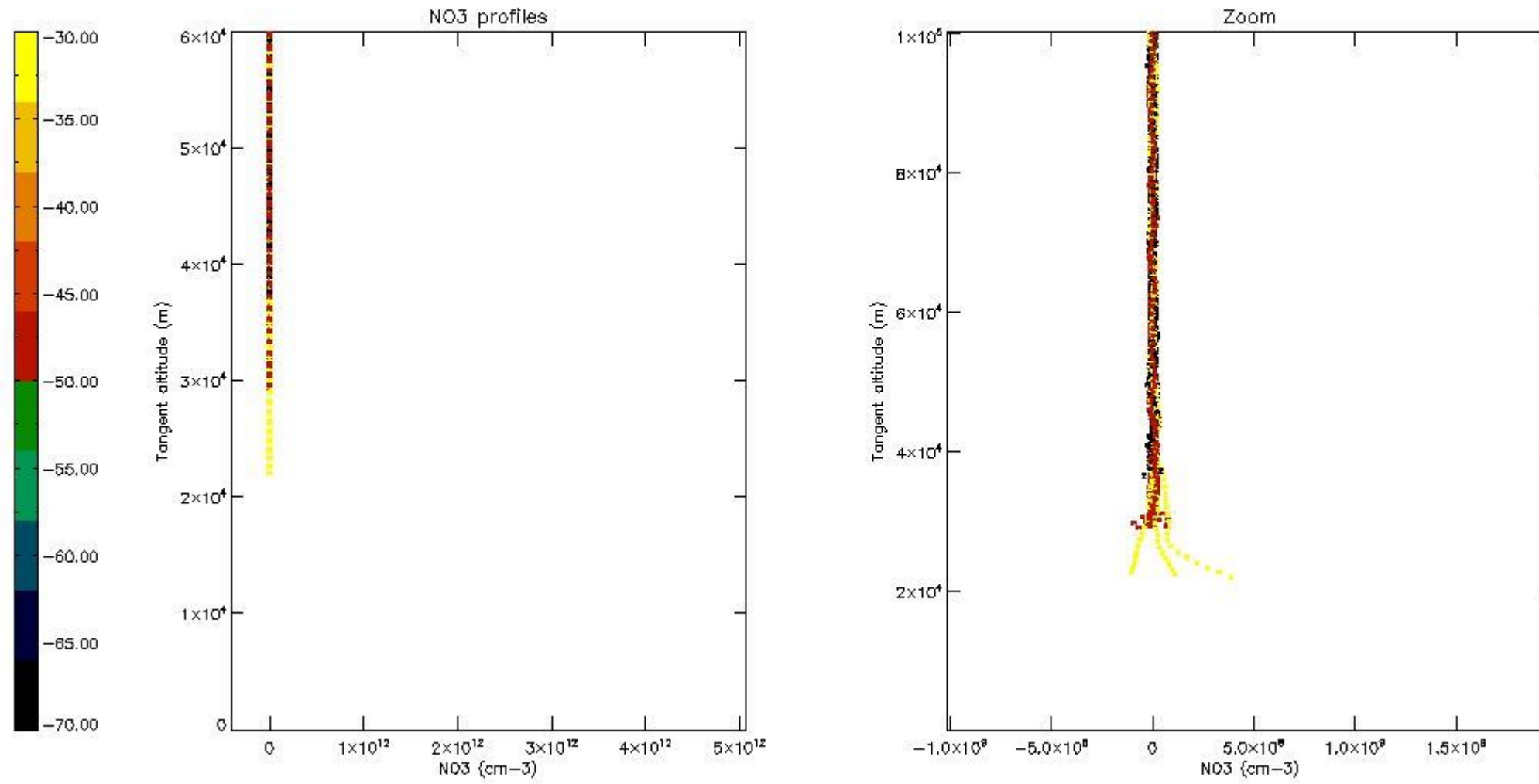
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

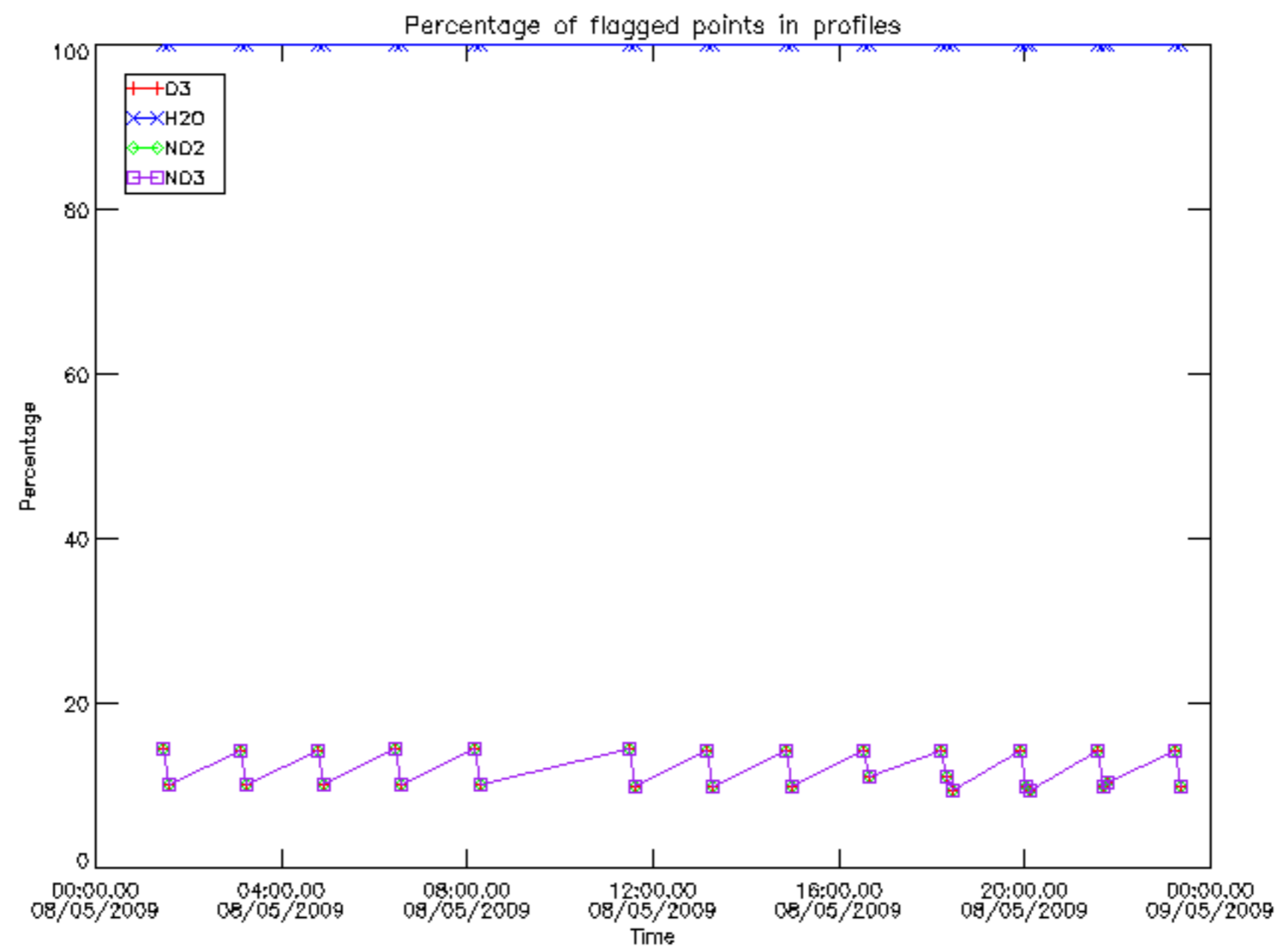
The colorbar represents the latitude.



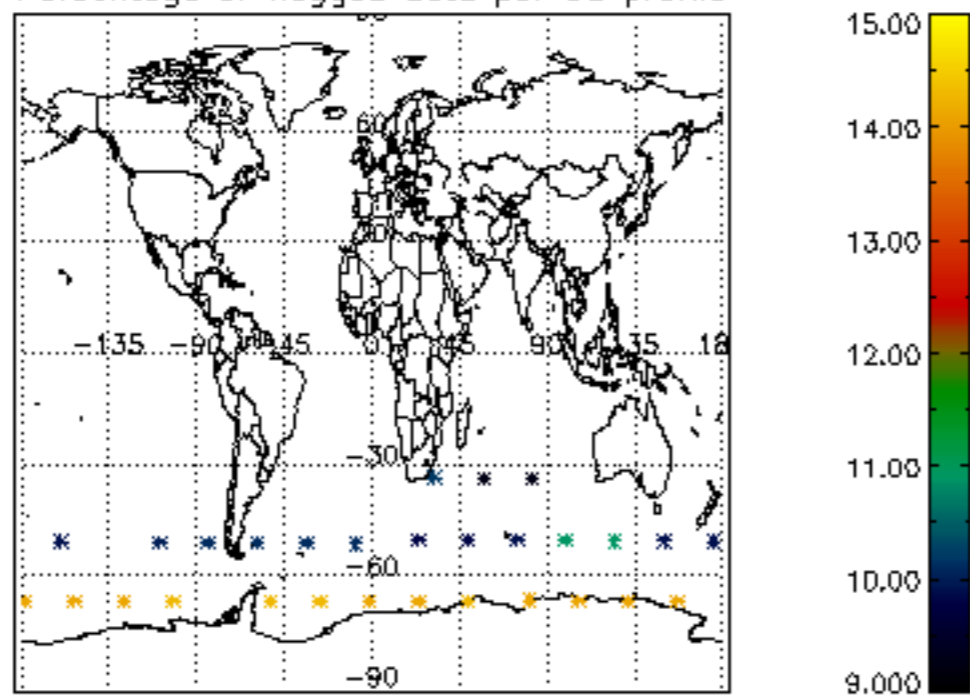
6. Auxiliary Data Files used for the production reported in section 2

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.

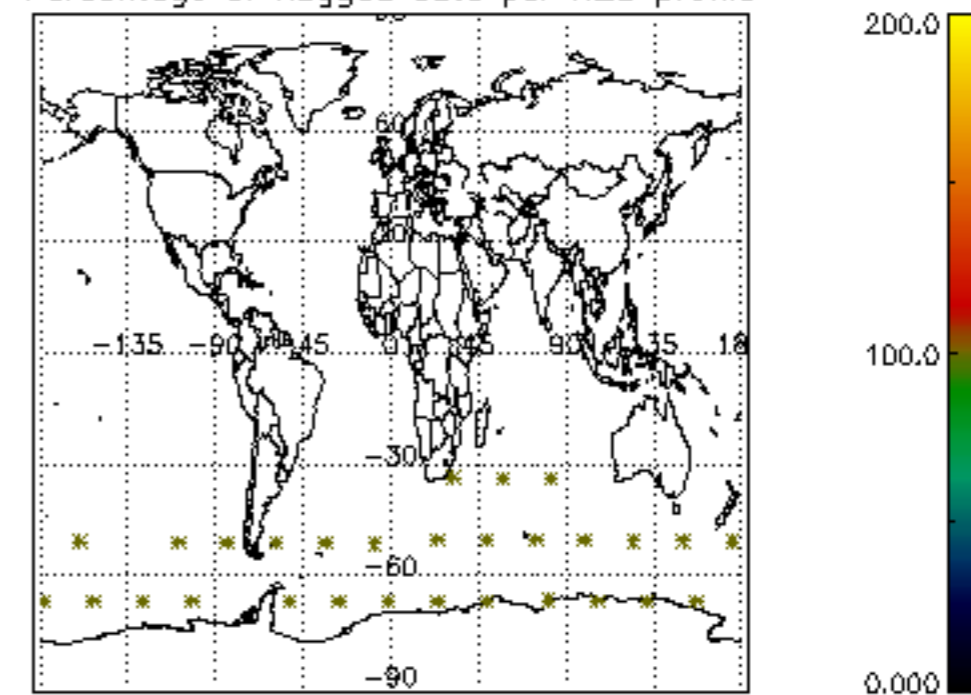
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 08-MAY-2009 00:19:47 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 08-MAY-2009 00:19:47 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 08-MAY-2009 00:19:47 |



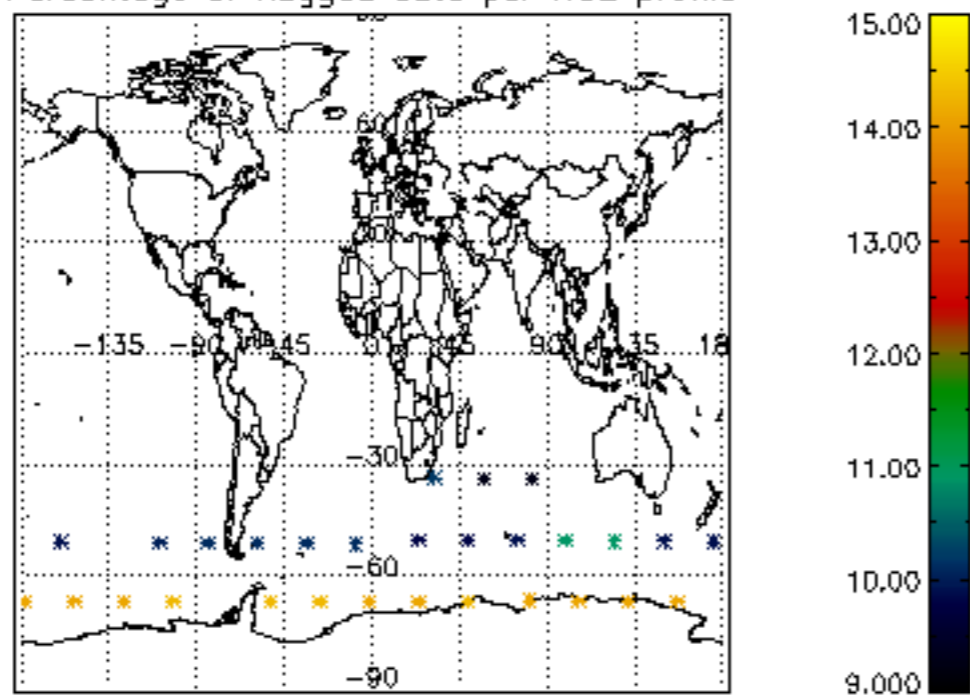
Percentage of flagged data per D3 profile



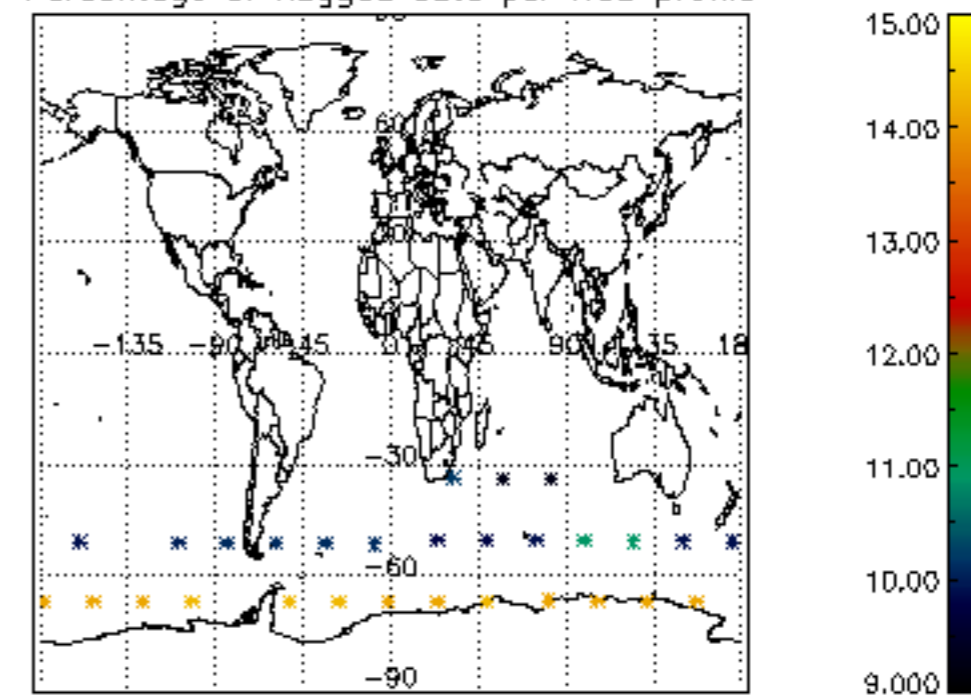
Percentage of flagged data per H2O profile

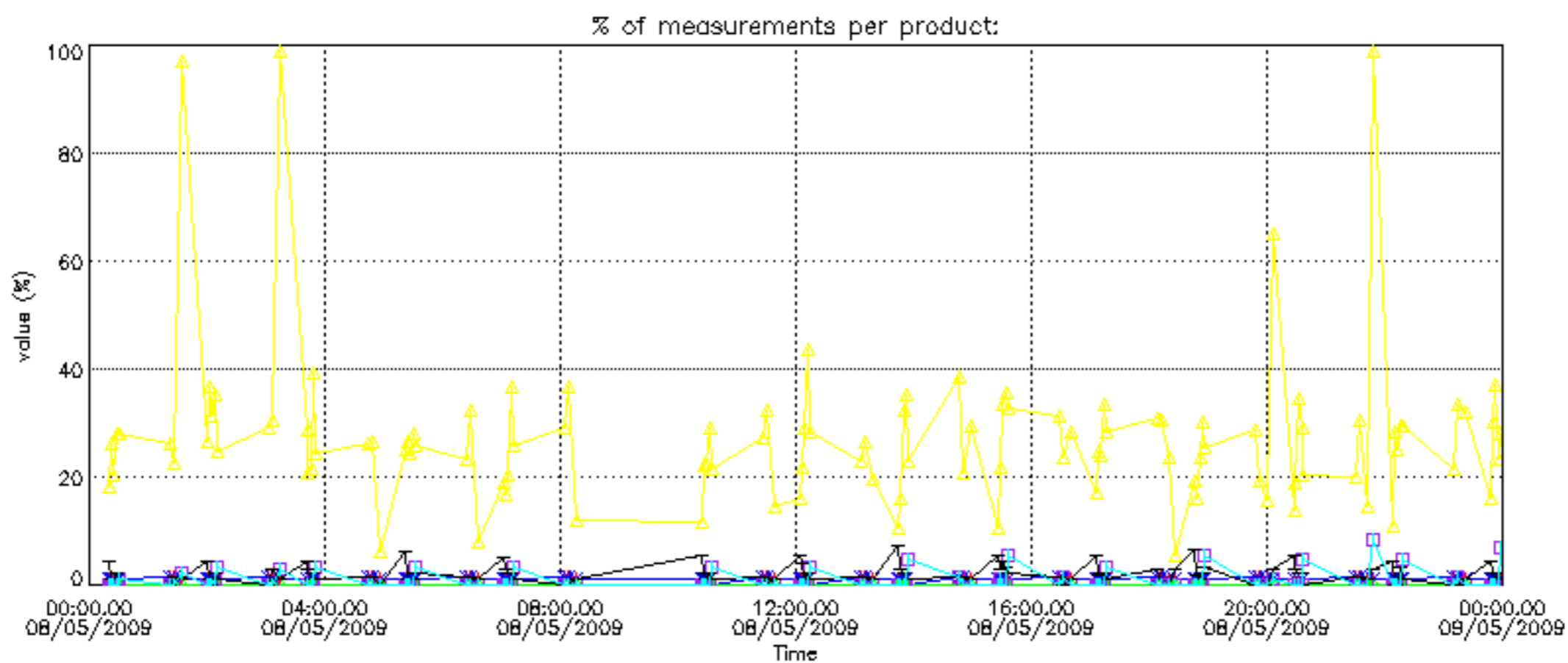


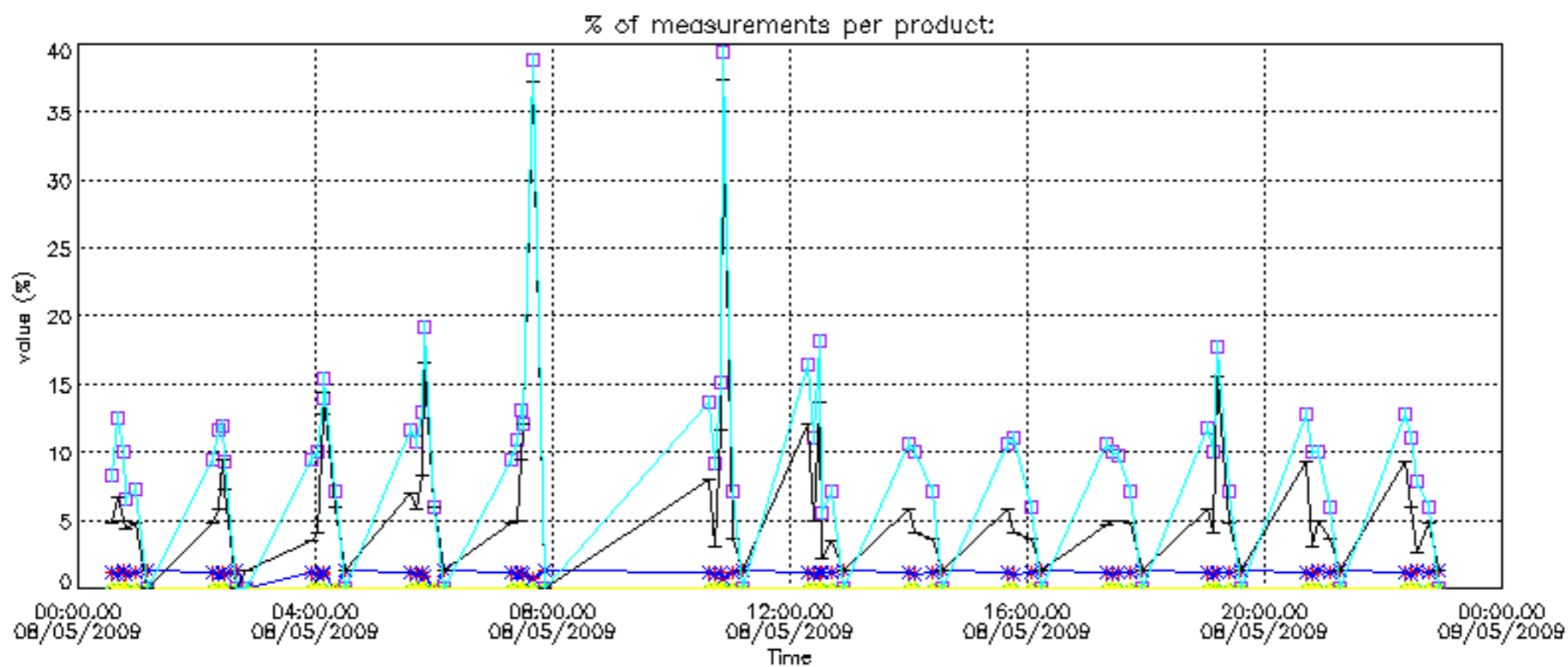
Percentage of flagged data per NO2 profile



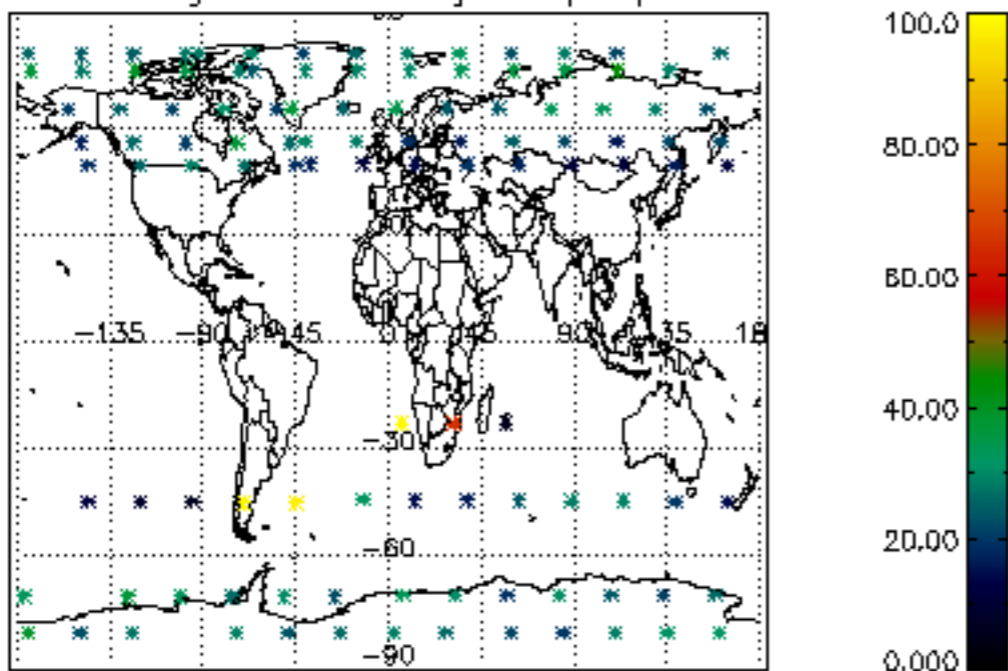
Percentage of flagged data per NO3 profile



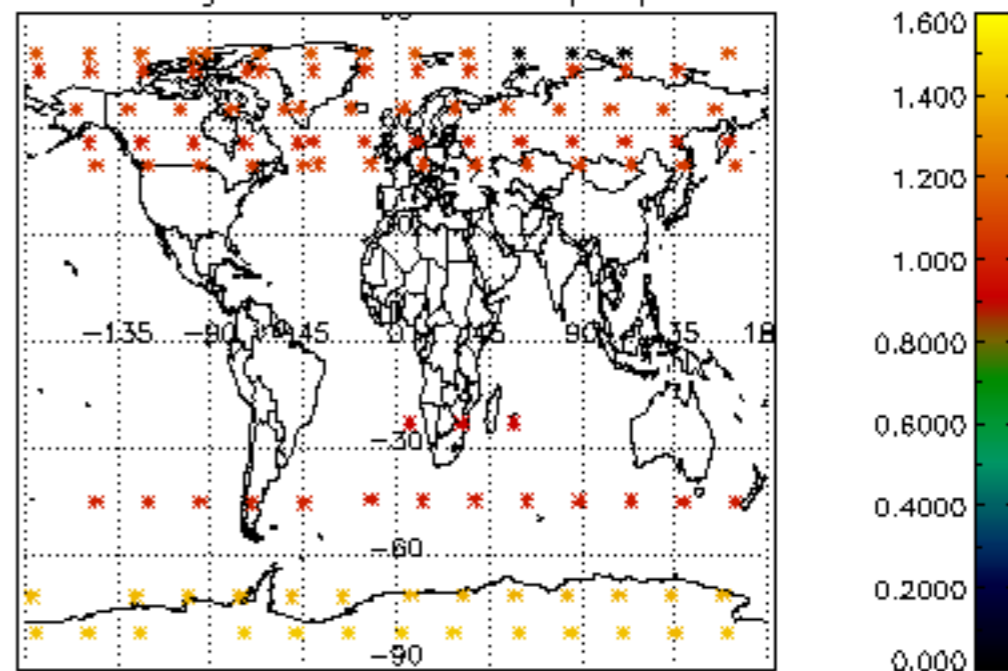




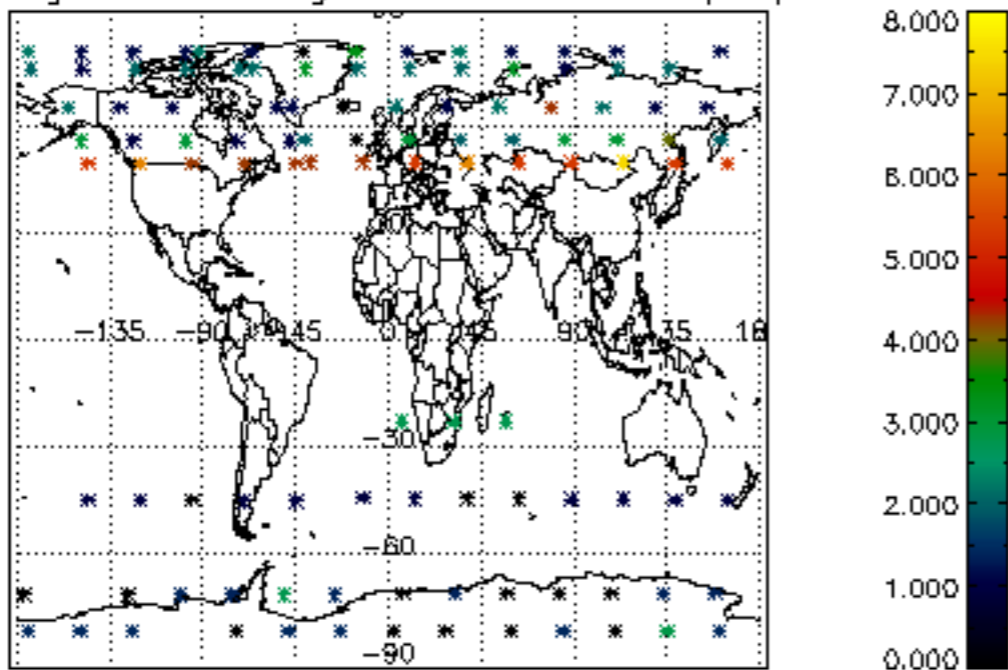
Percentage of cosmic ray hits per profile



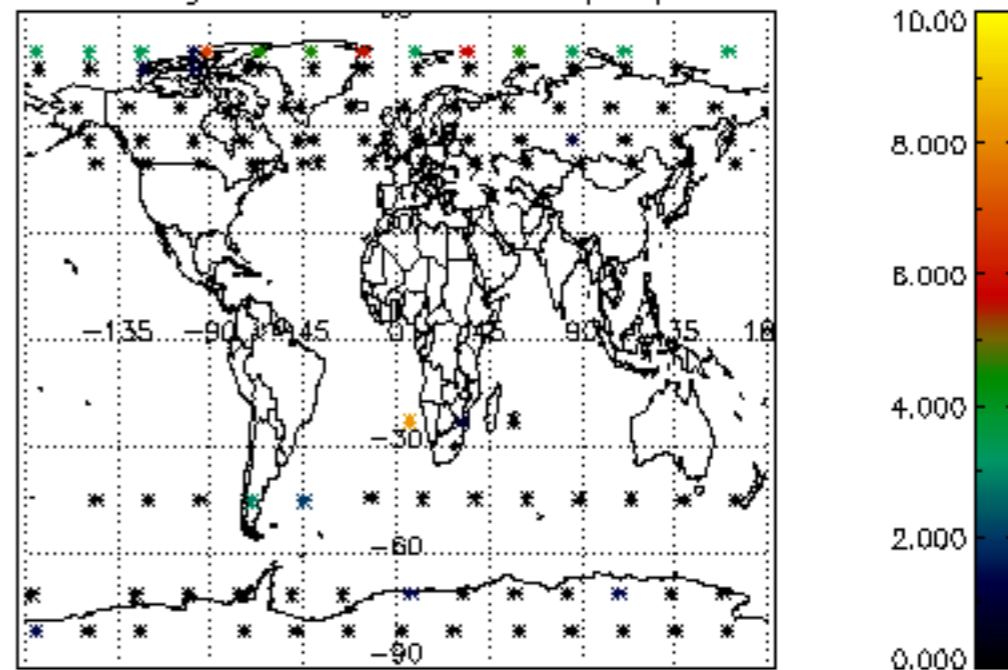
Percentage of datation errors per profile



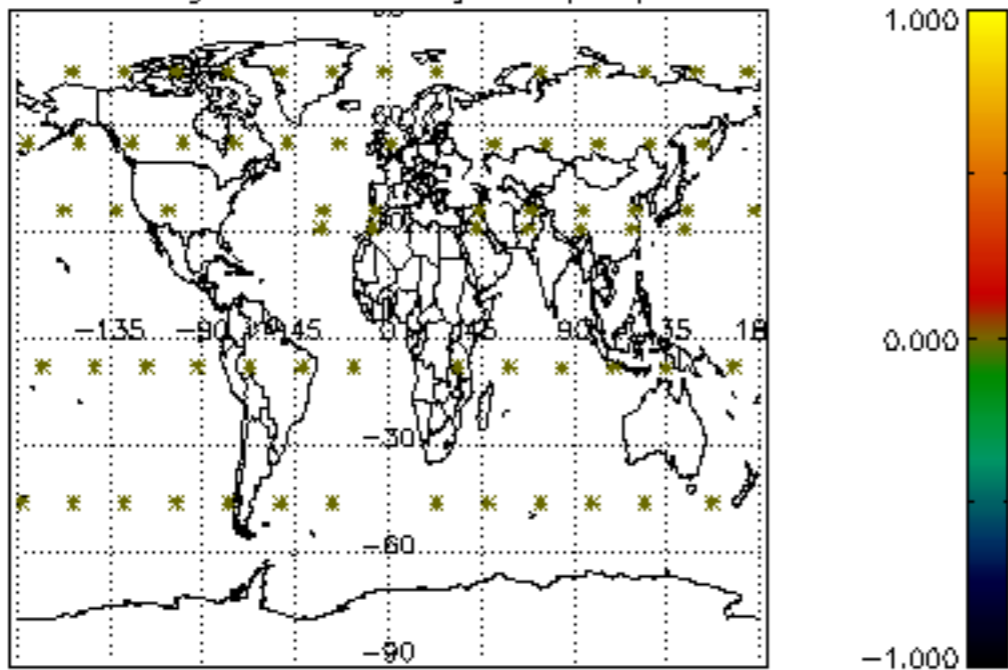
Percentage of star falling outside central band per profile



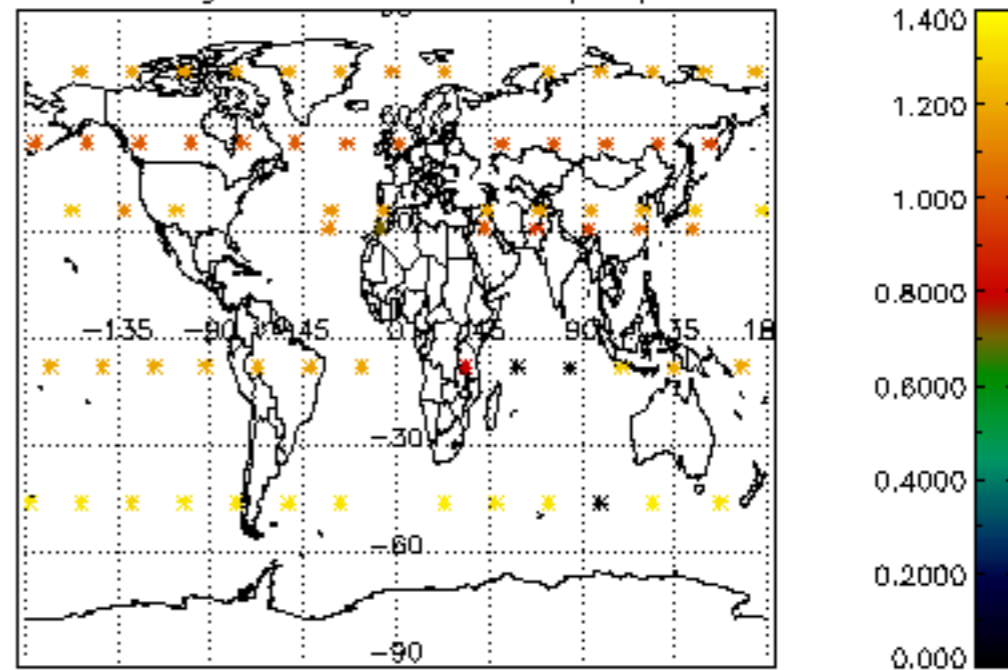
Percentage of saturation errors per profile



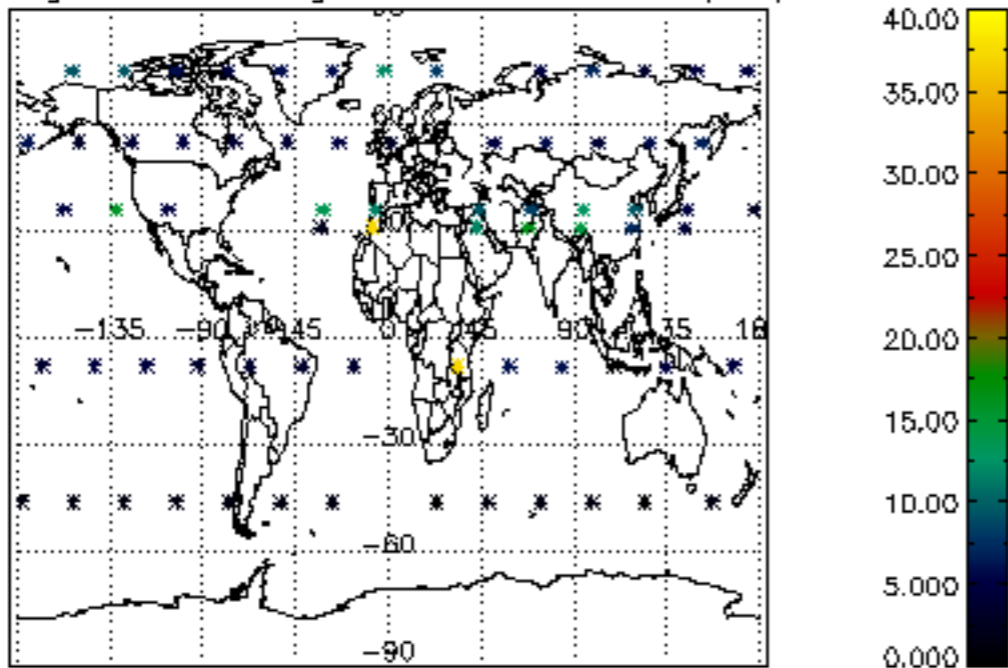
Percentage of cosmic ray hits per profile



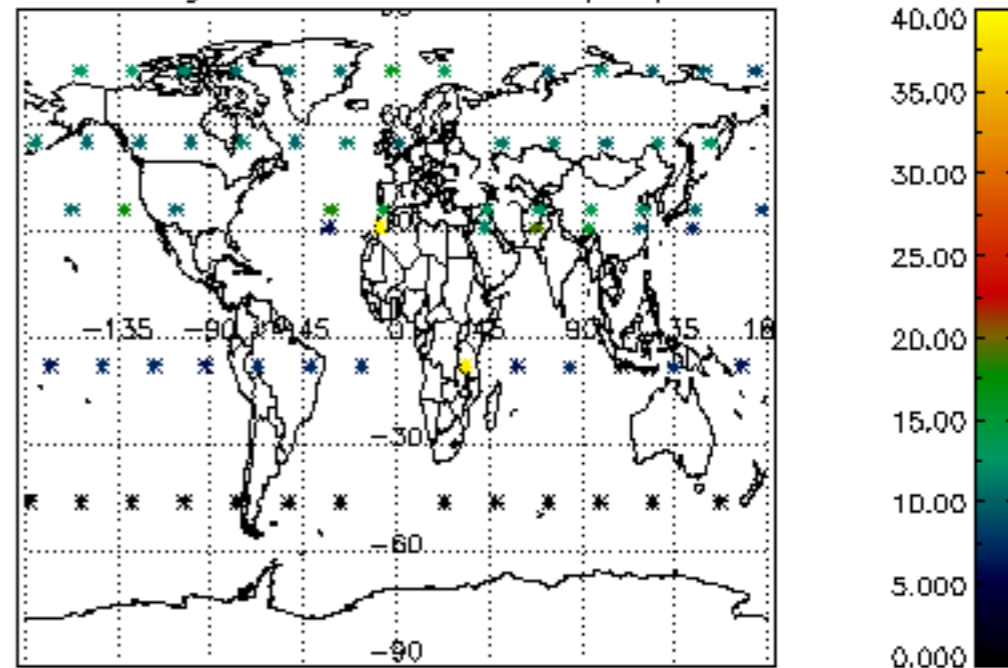
Percentage of datation errors per profile

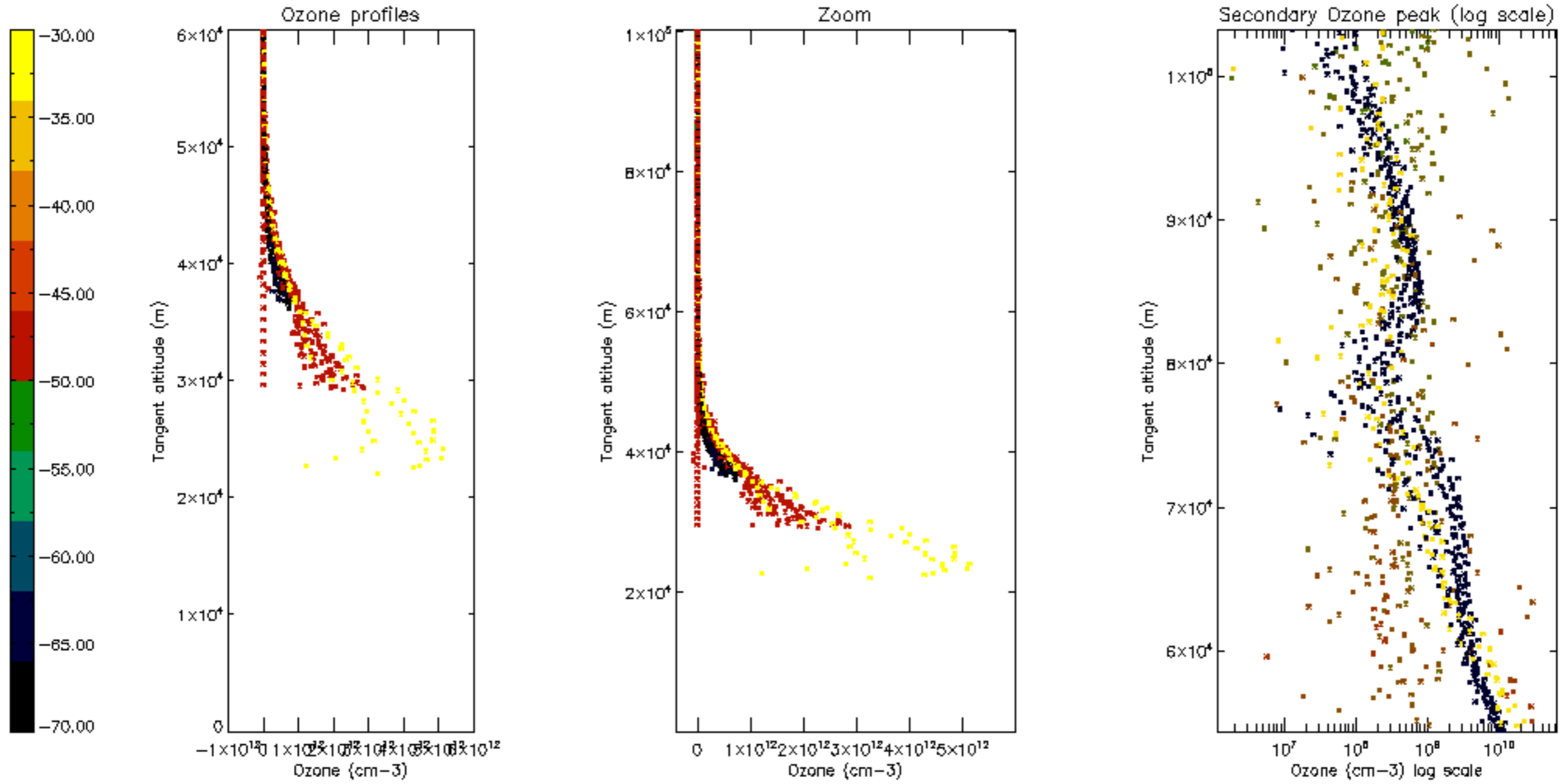


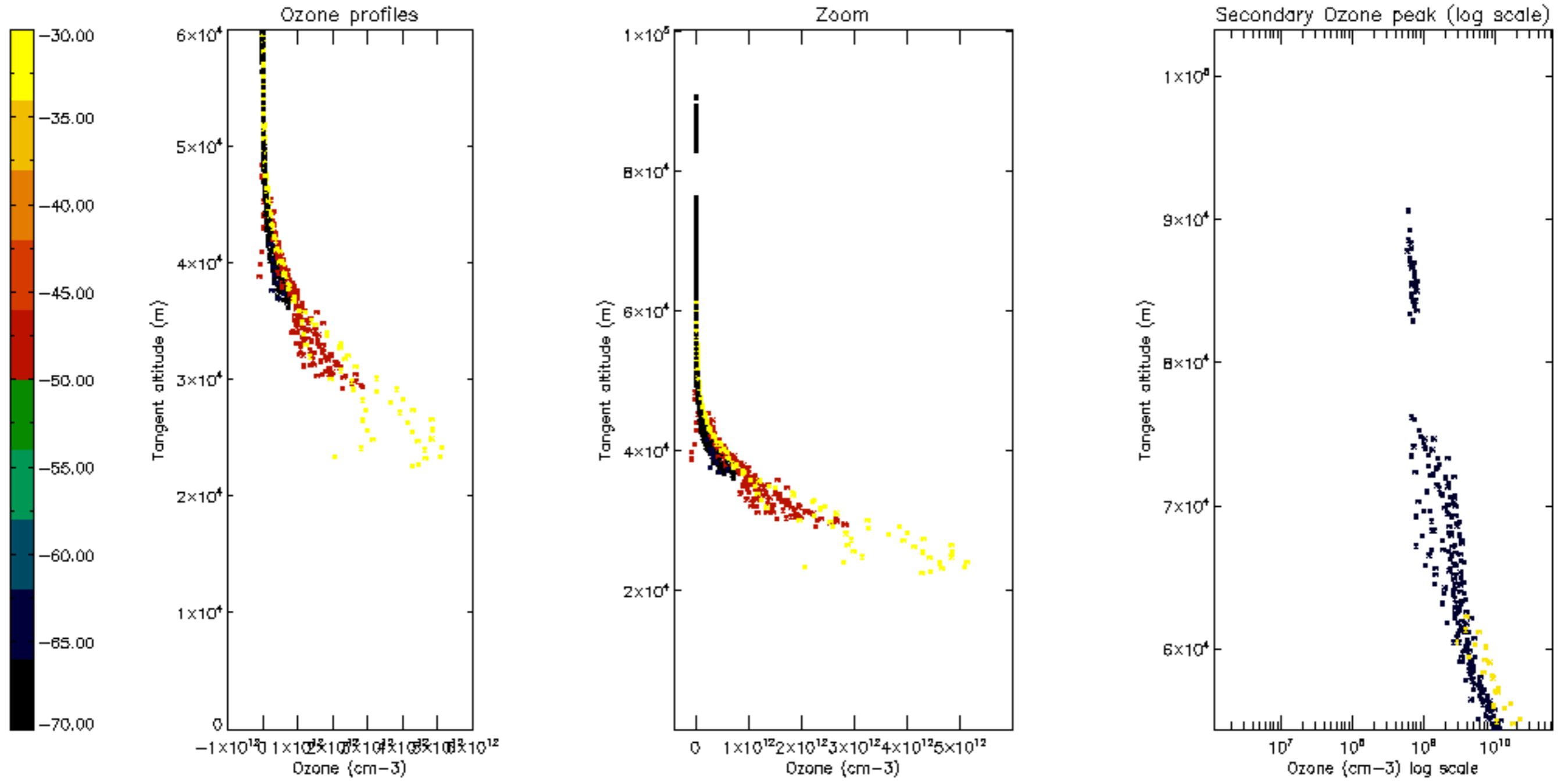
Percentage of star falling outside central band per profile

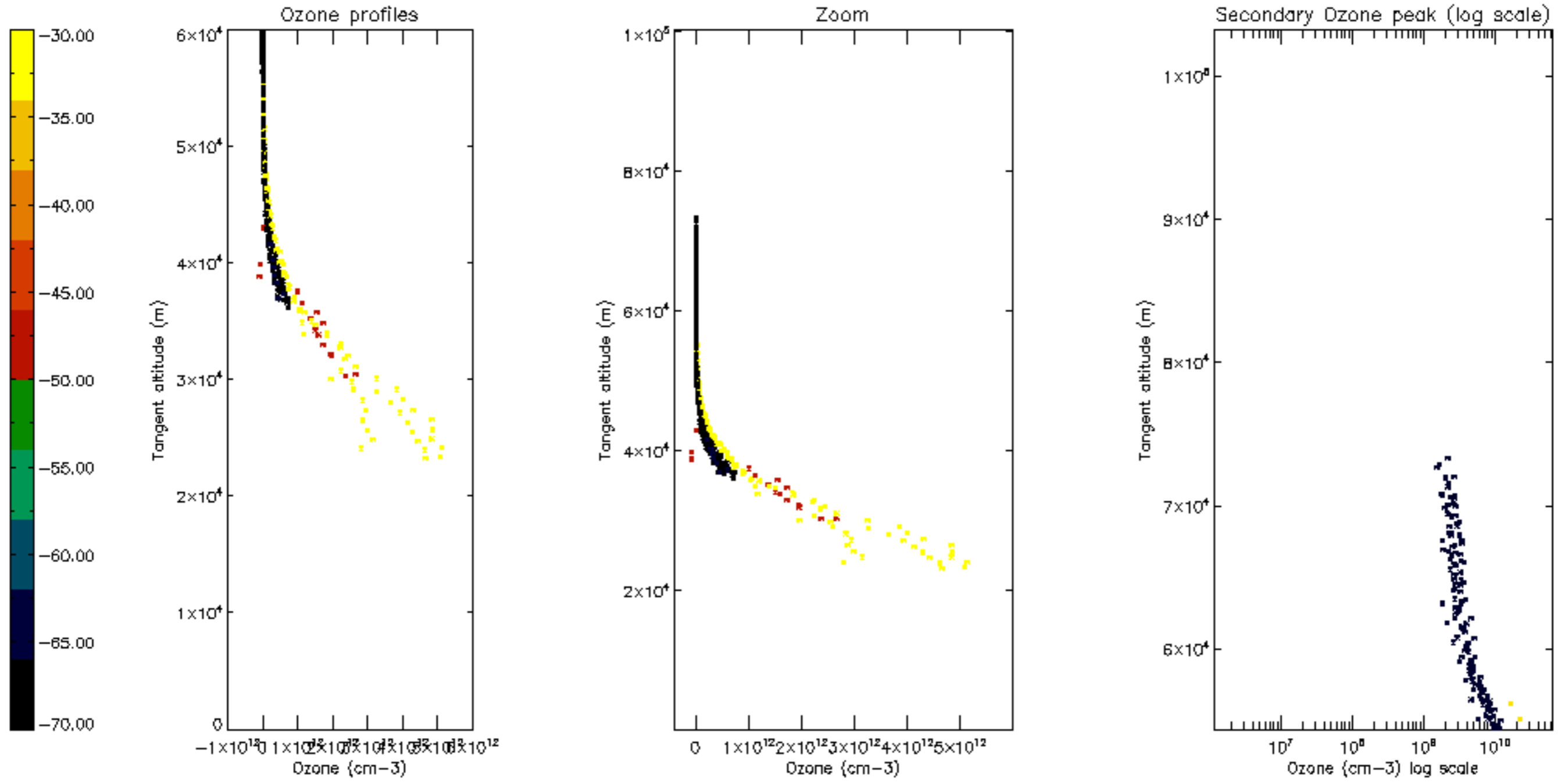


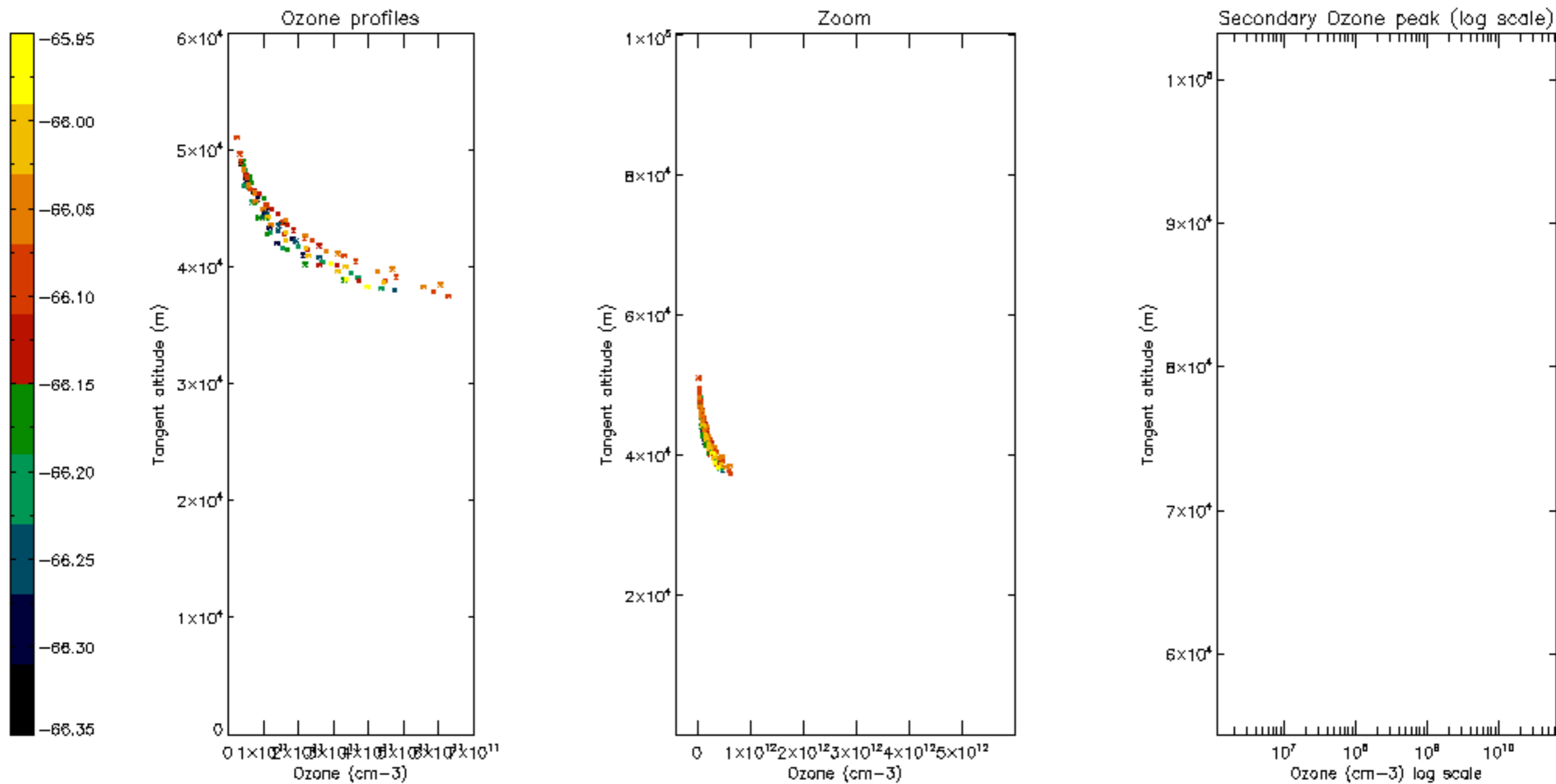
Percentage of saturation errors per profile

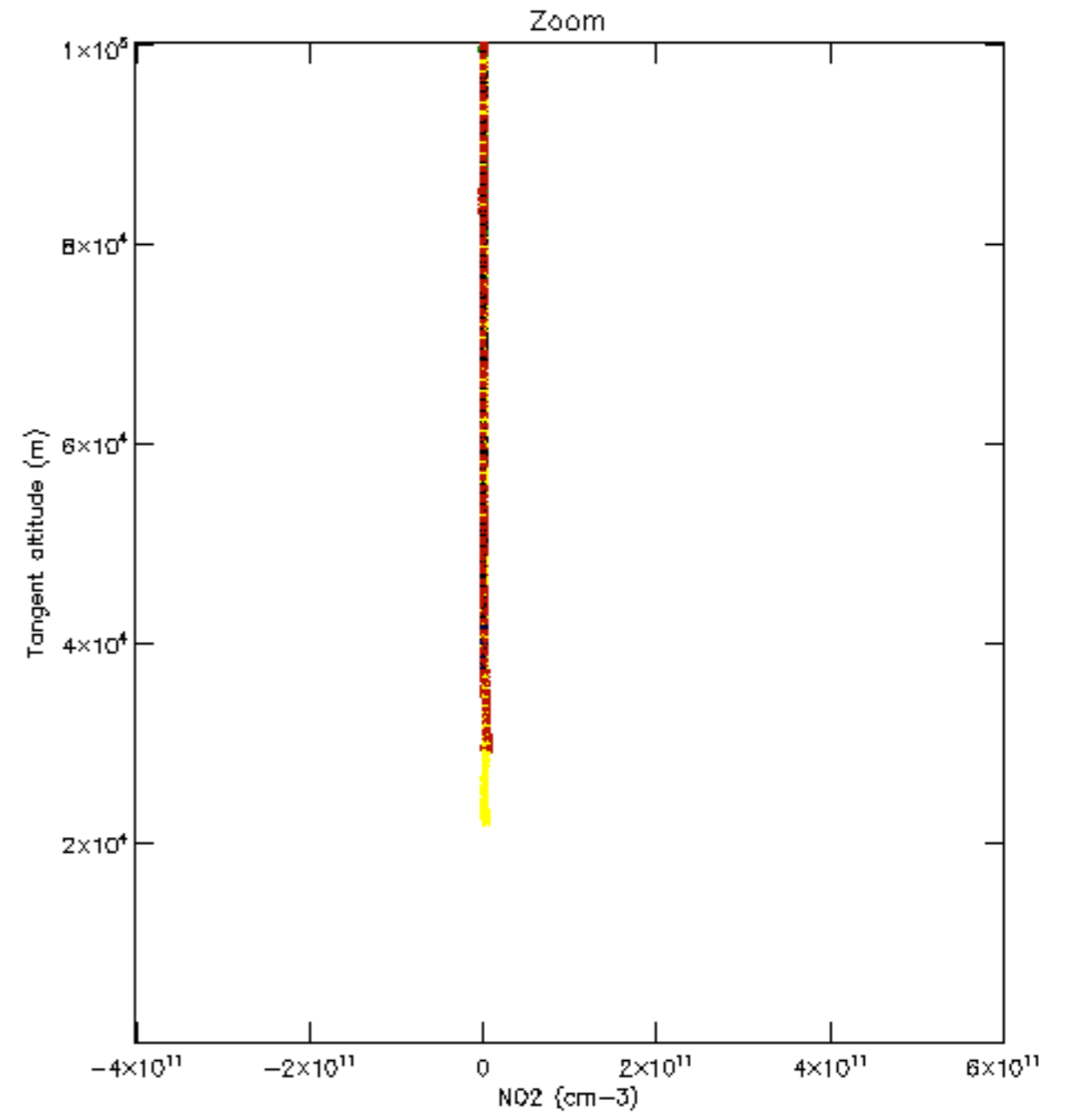
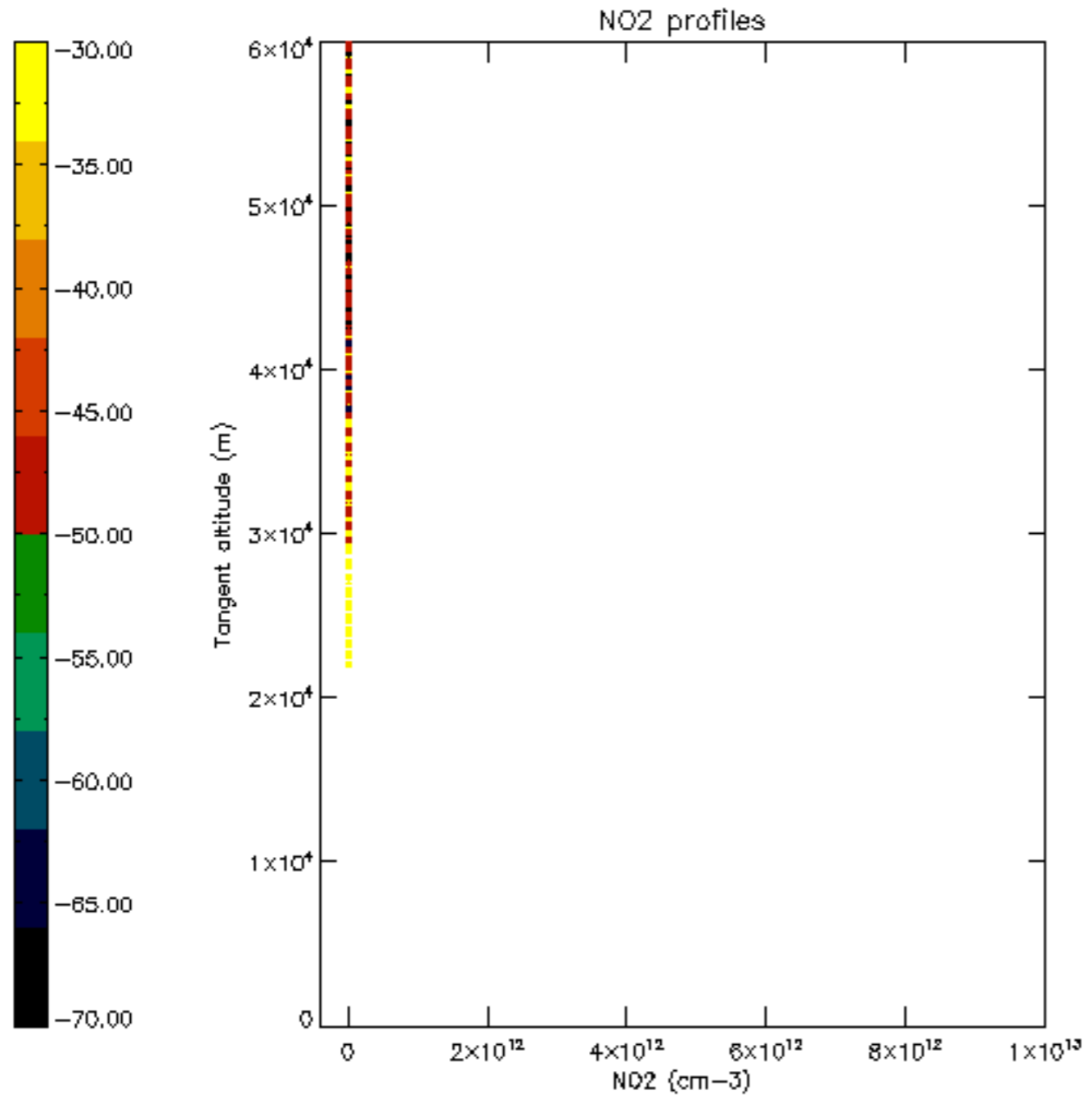


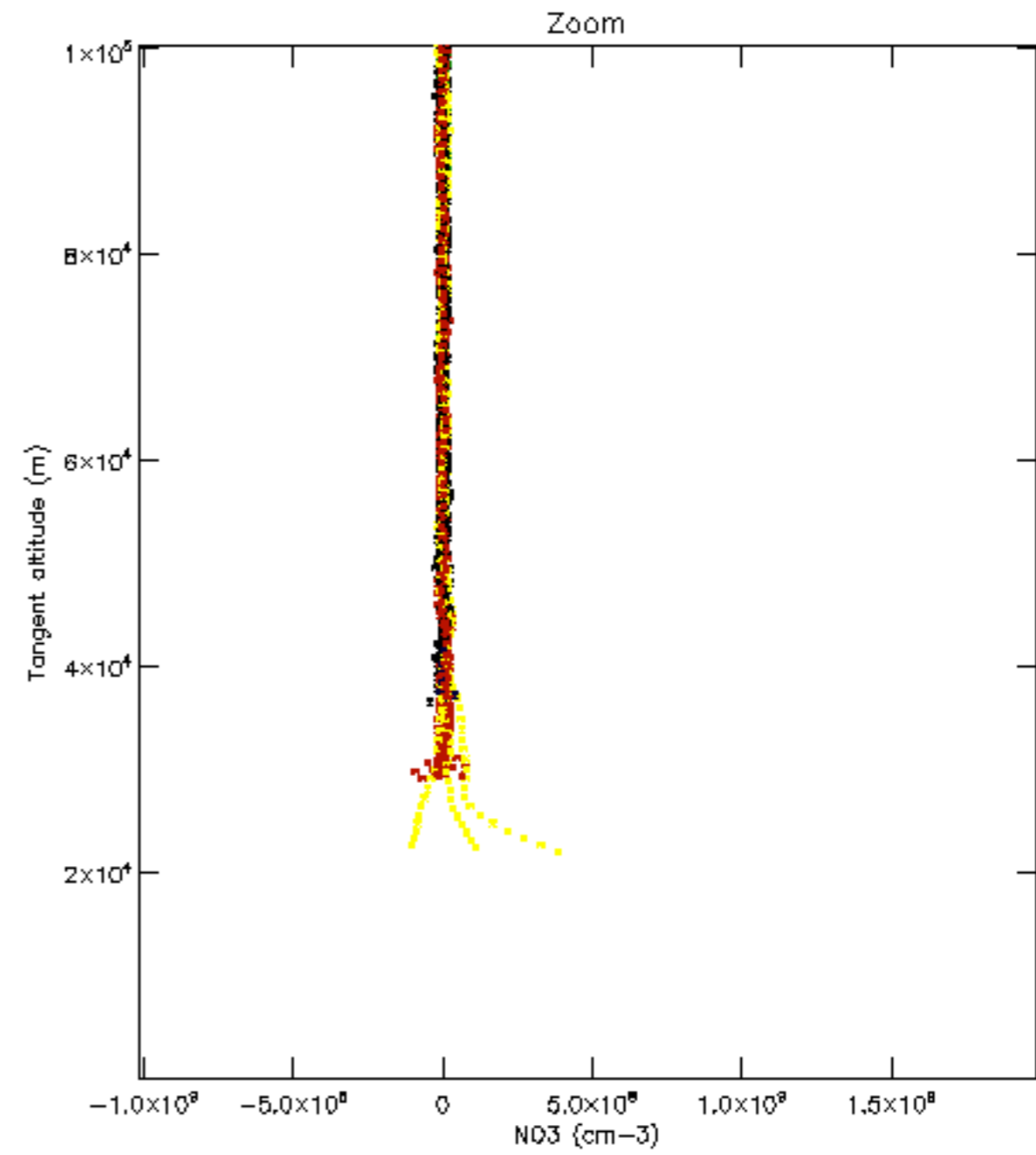
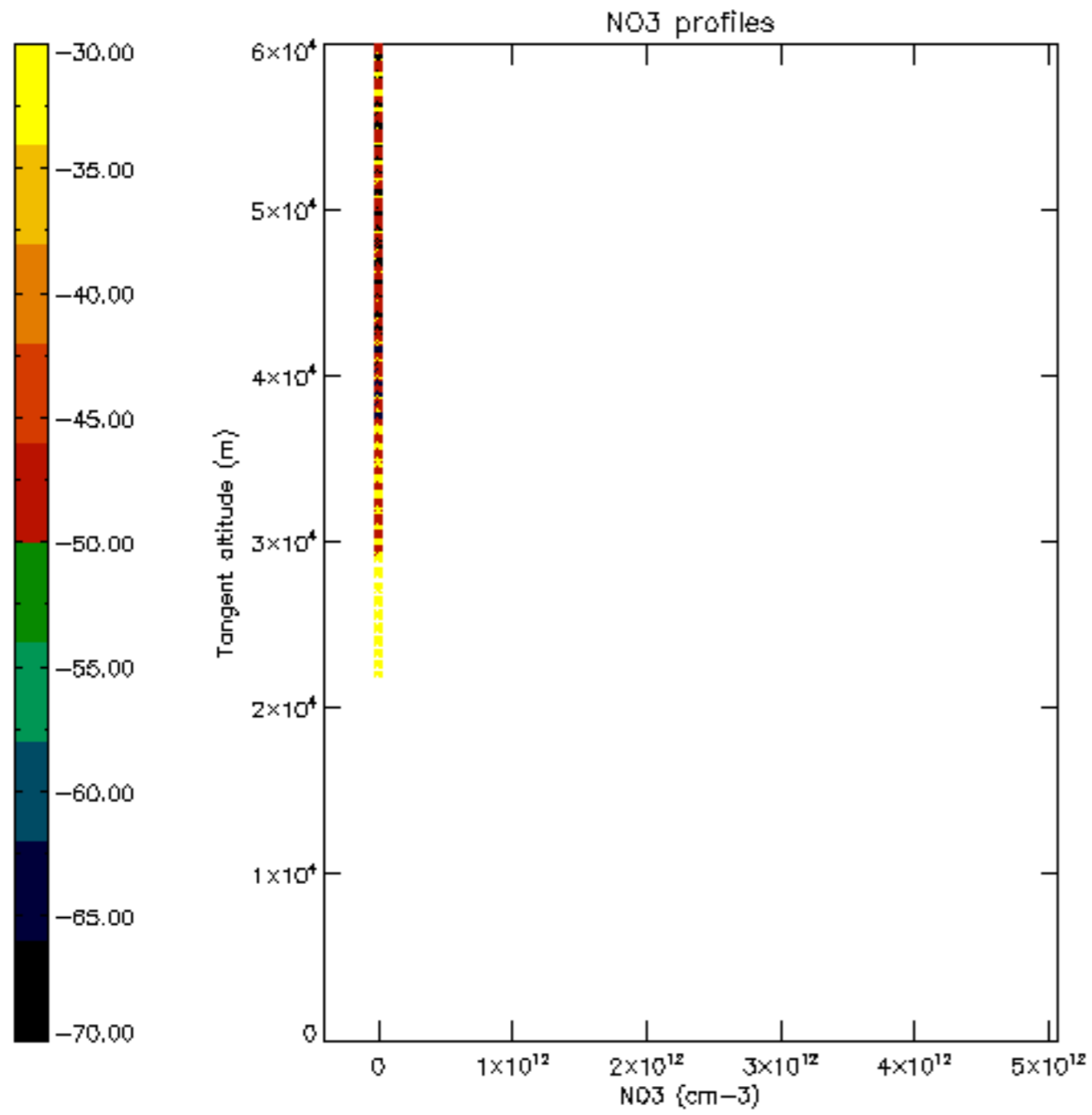


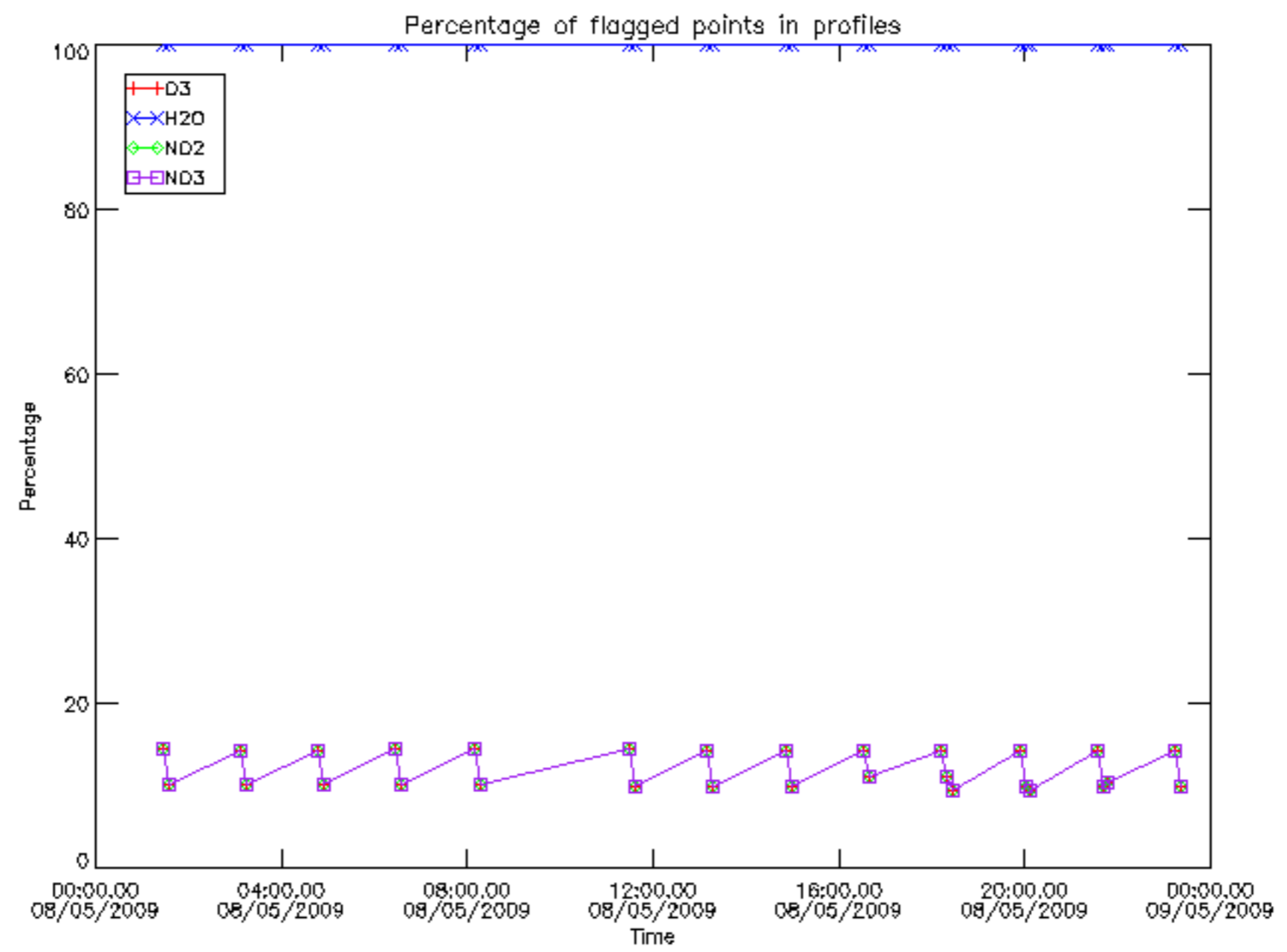




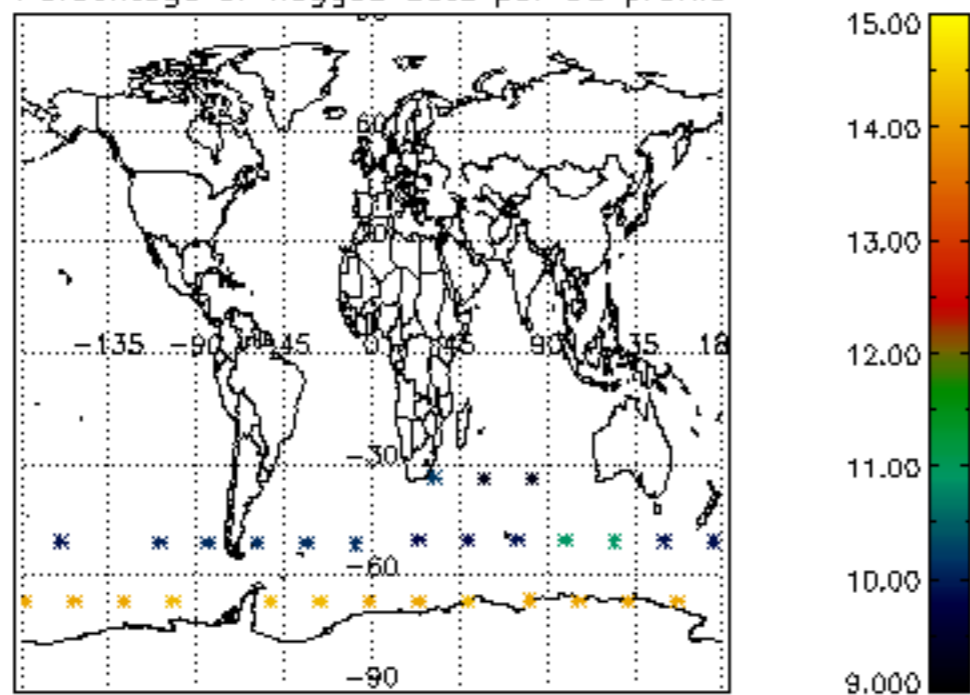




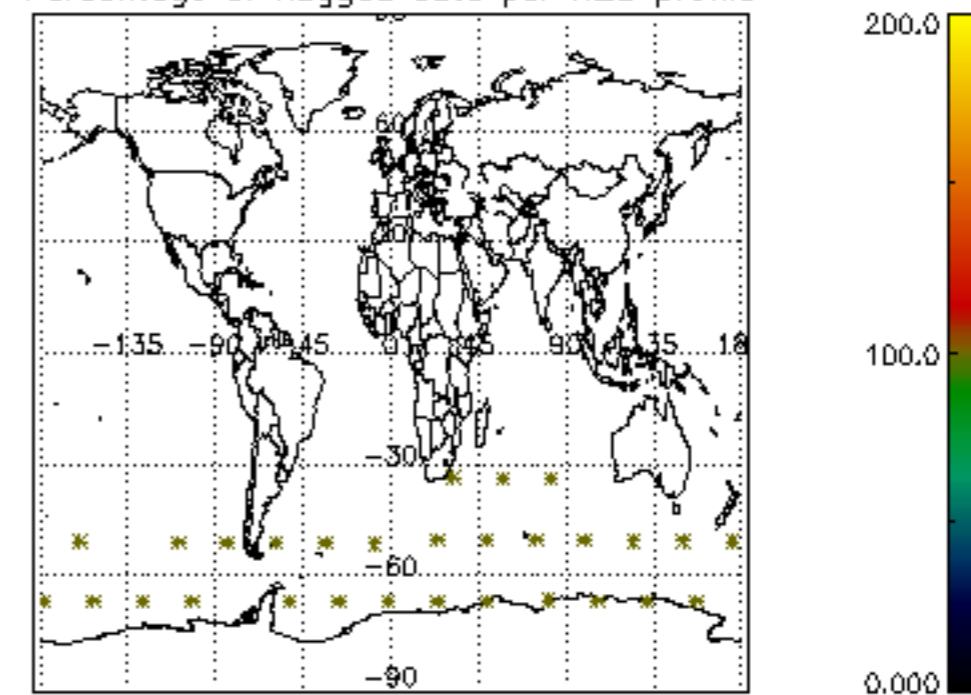




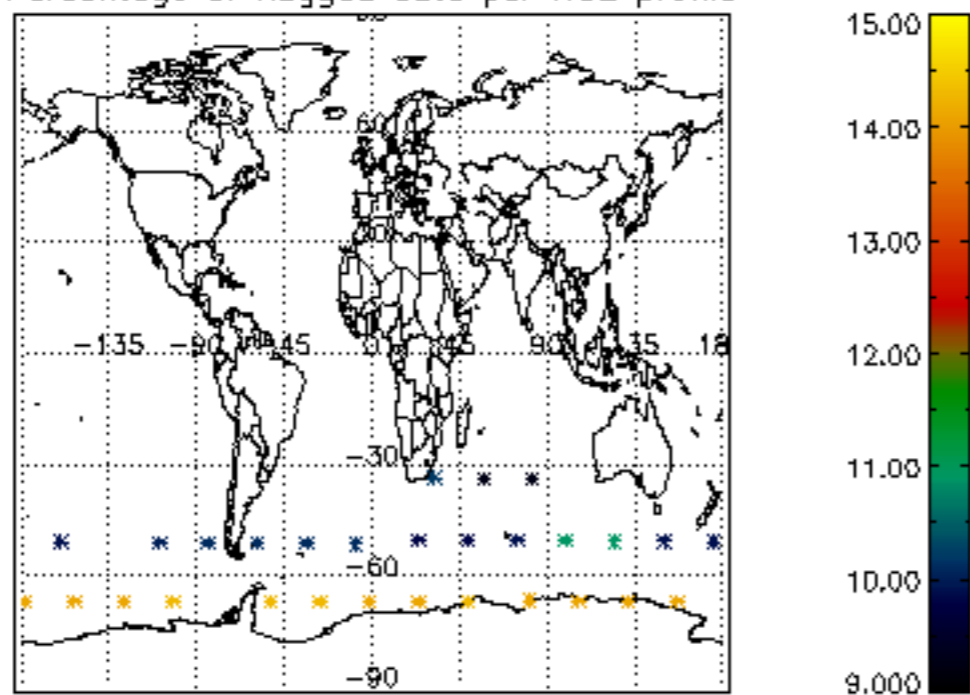
Percentage of flagged data per D3 profile



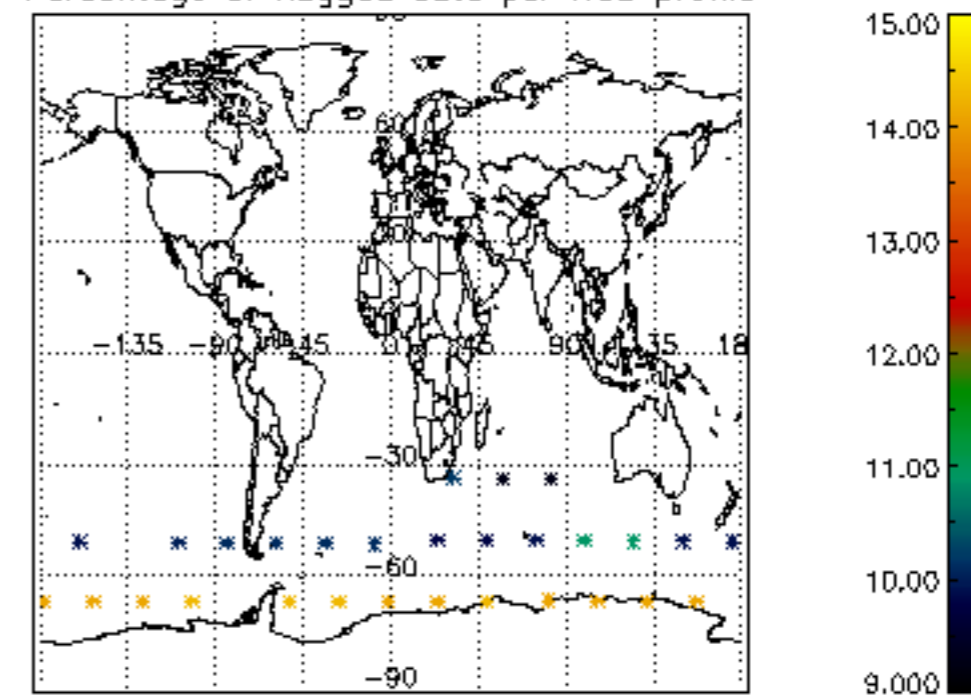
Percentage of flagged data per H2O profile

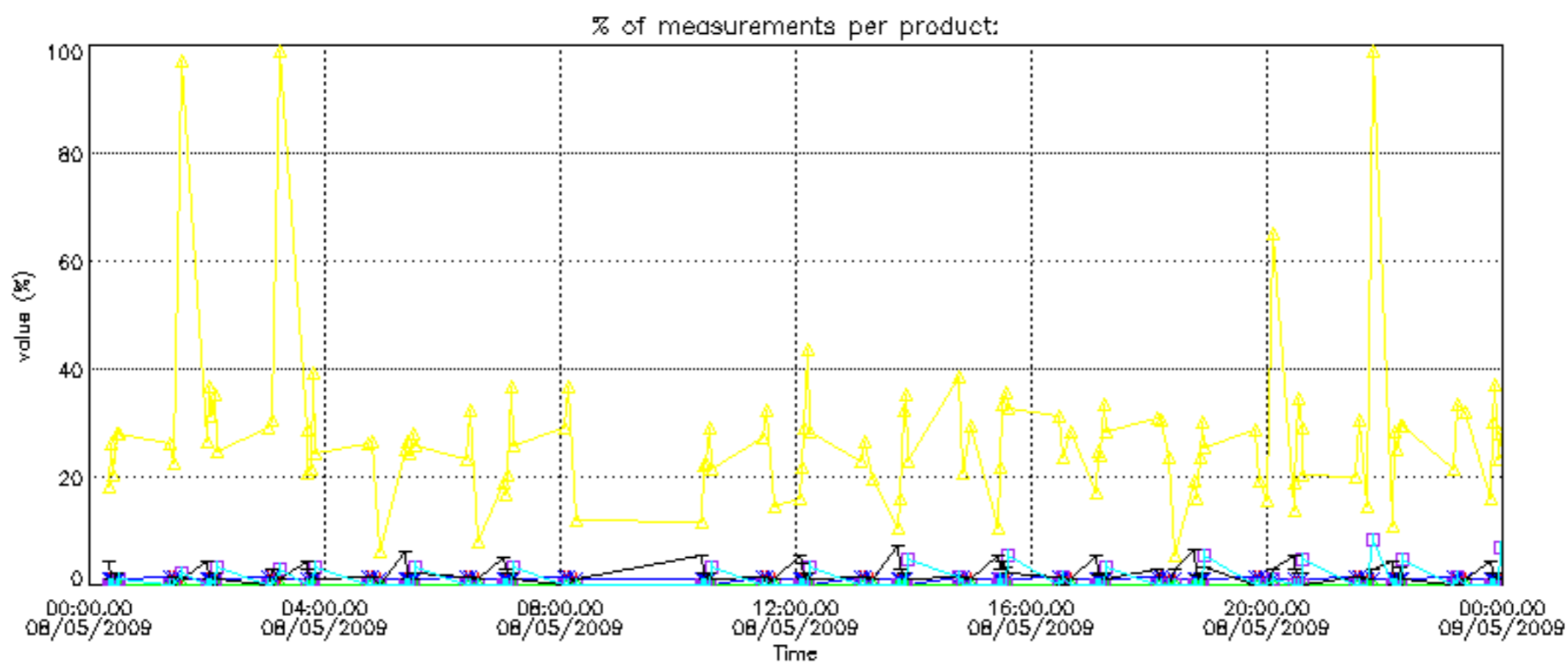


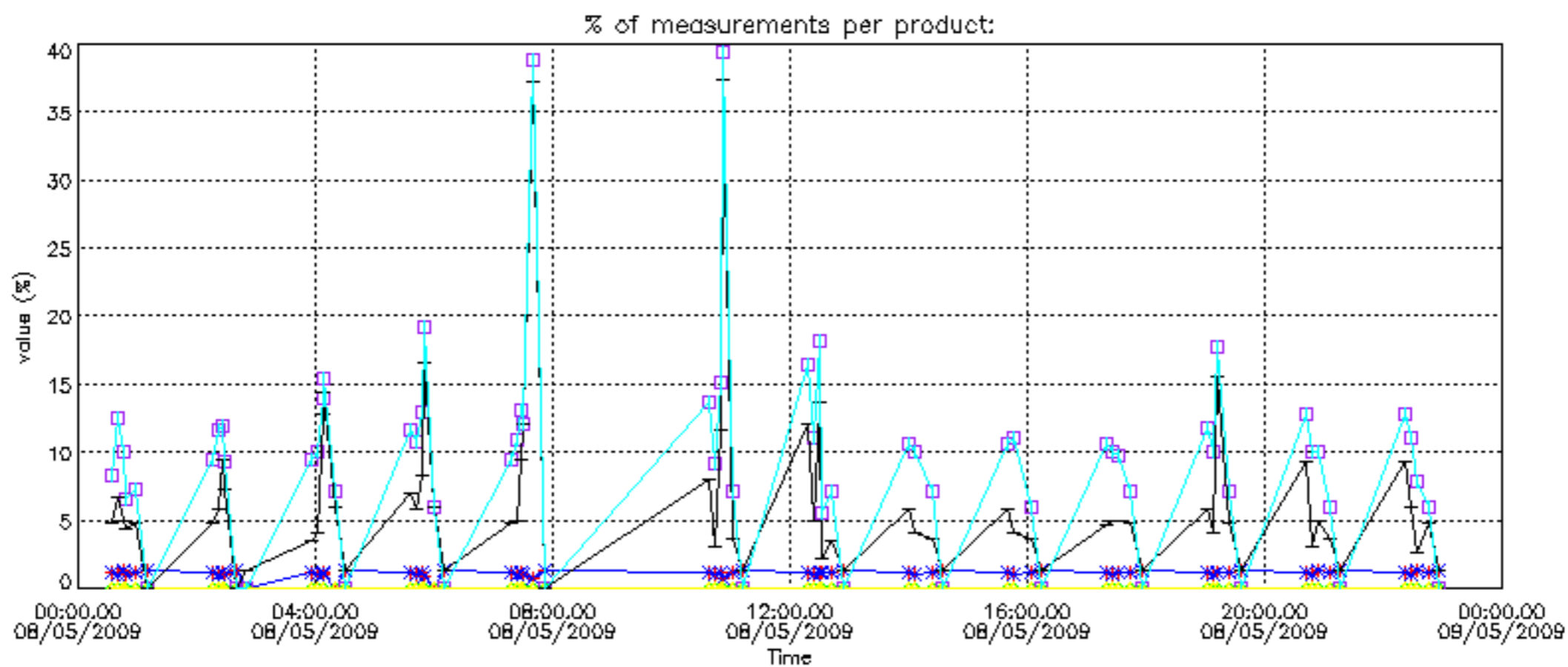
Percentage of flagged data per NO2 profile



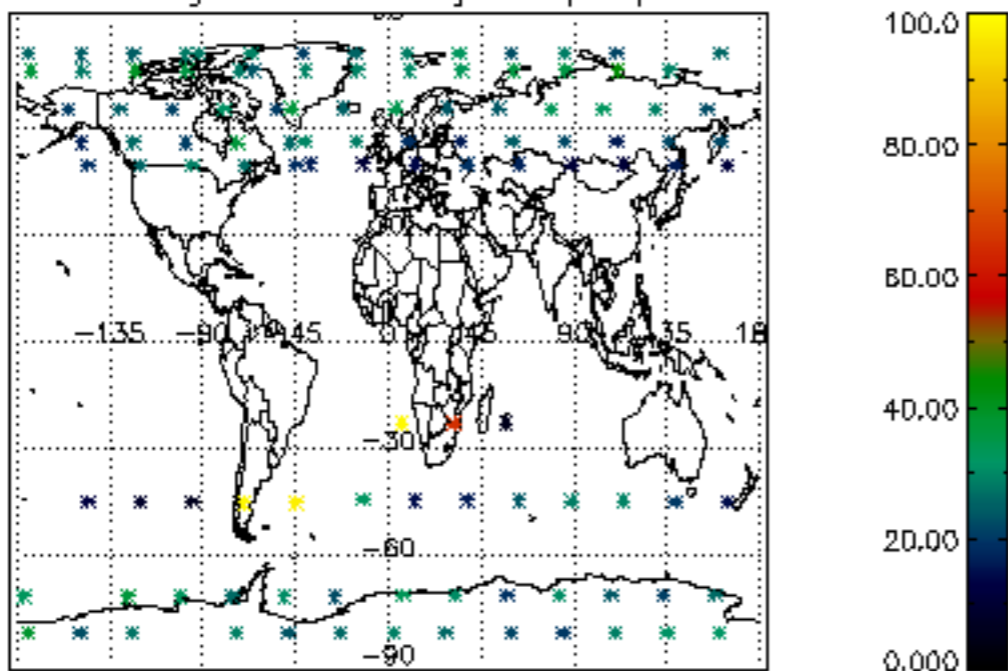
Percentage of flagged data per NO3 profile



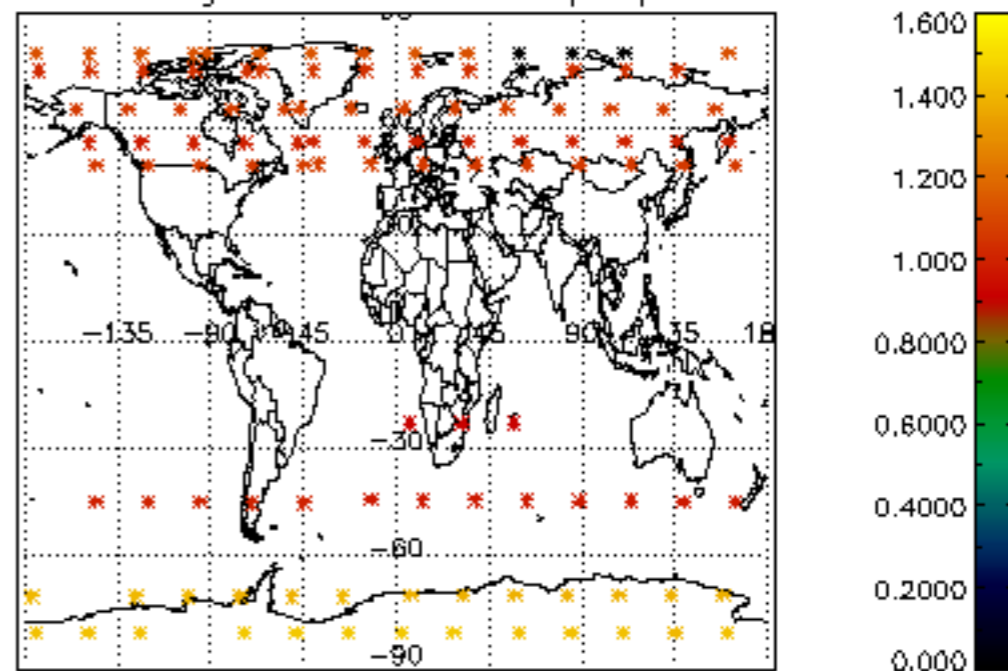




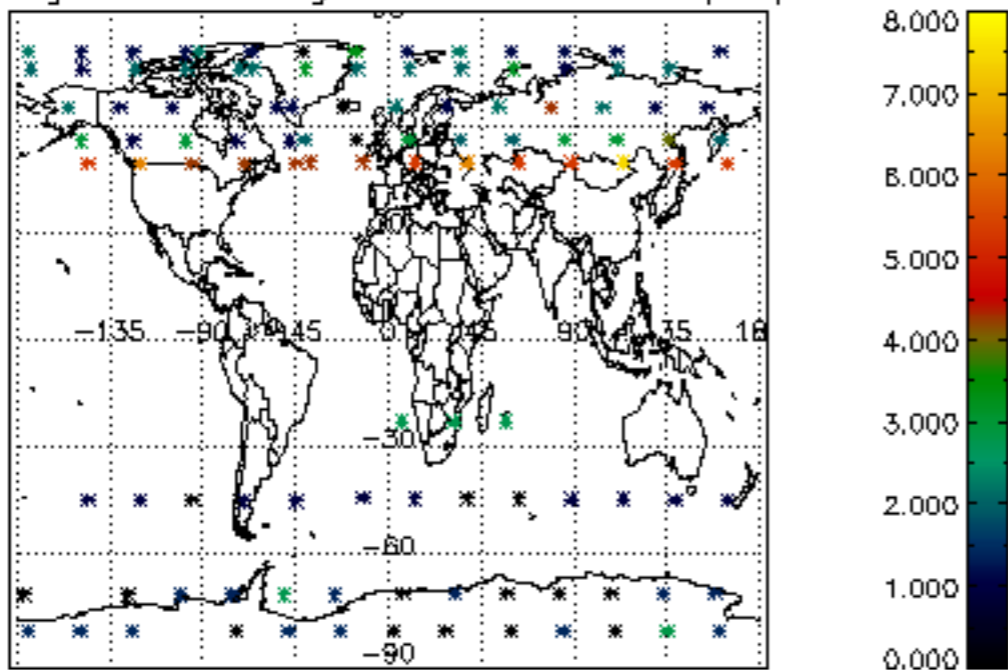
Percentage of cosmic ray hits per profile



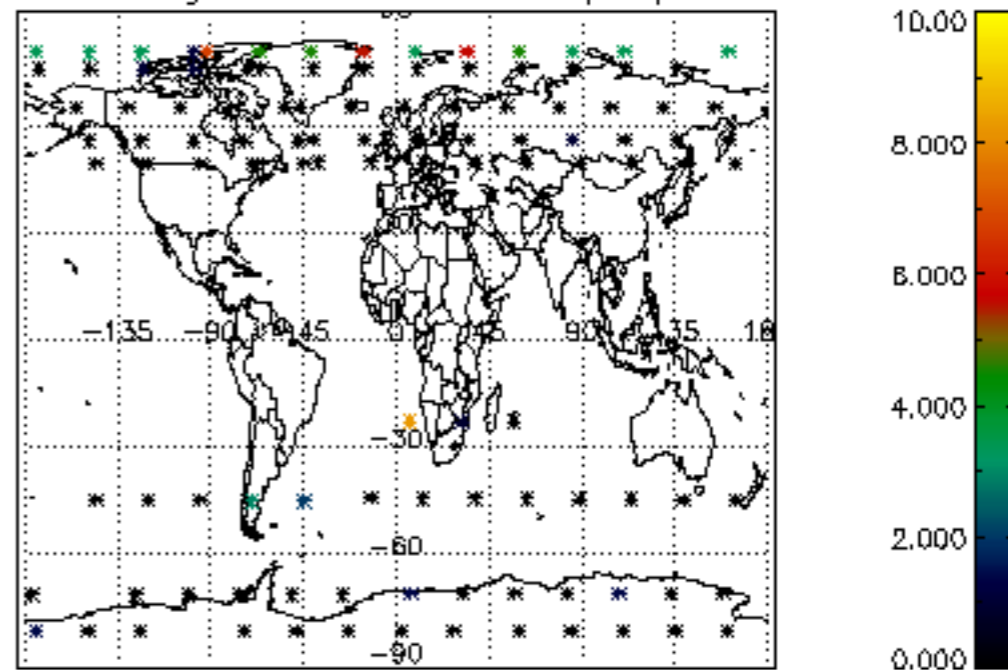
Percentage of datation errors per profile



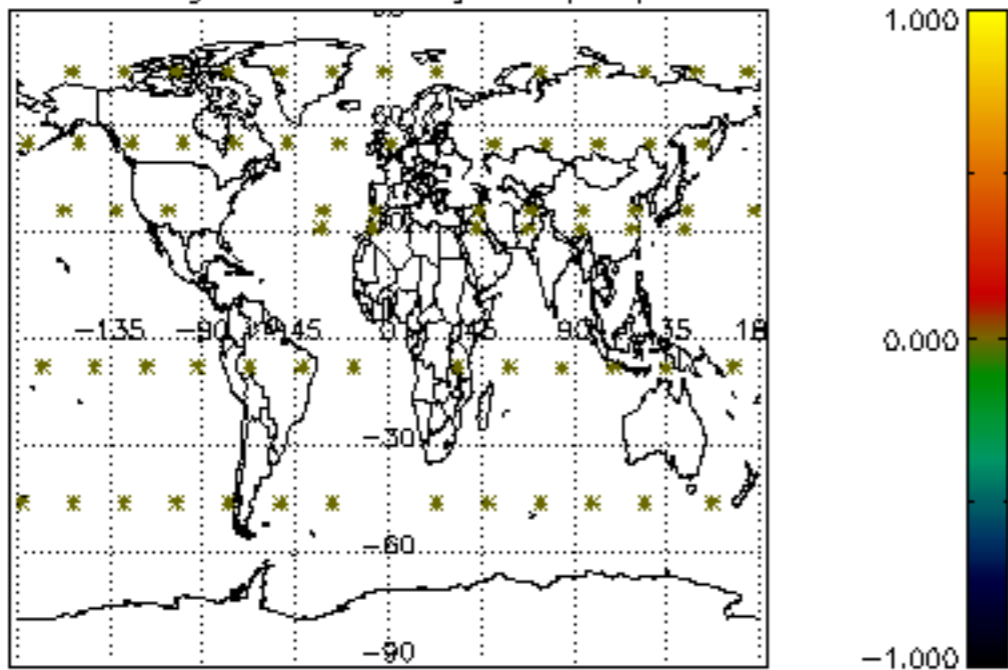
Percentage of star falling outside central band per profile



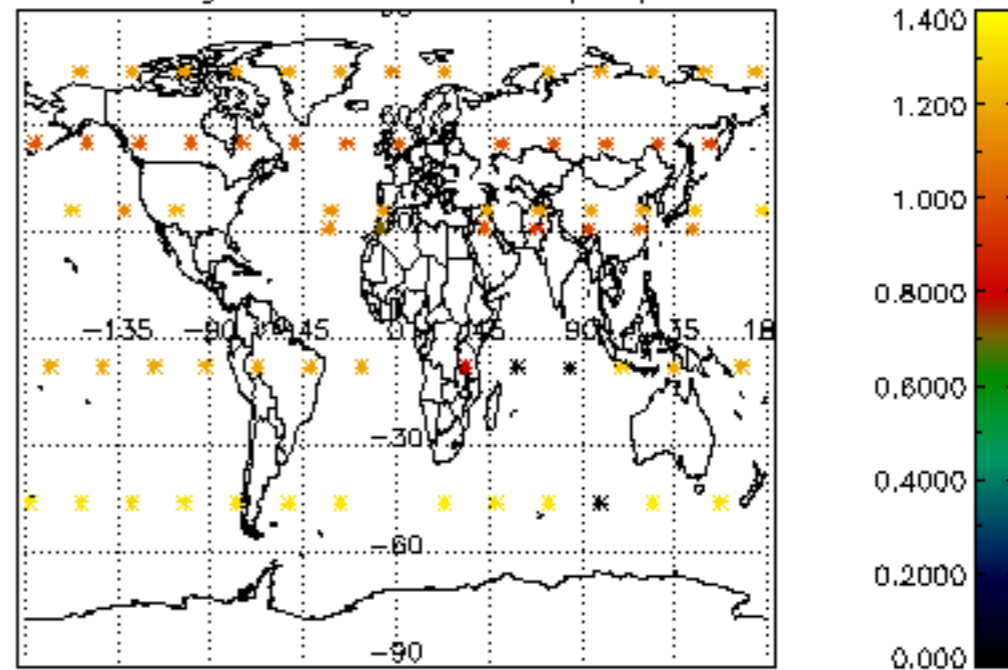
Percentage of saturation errors per profile



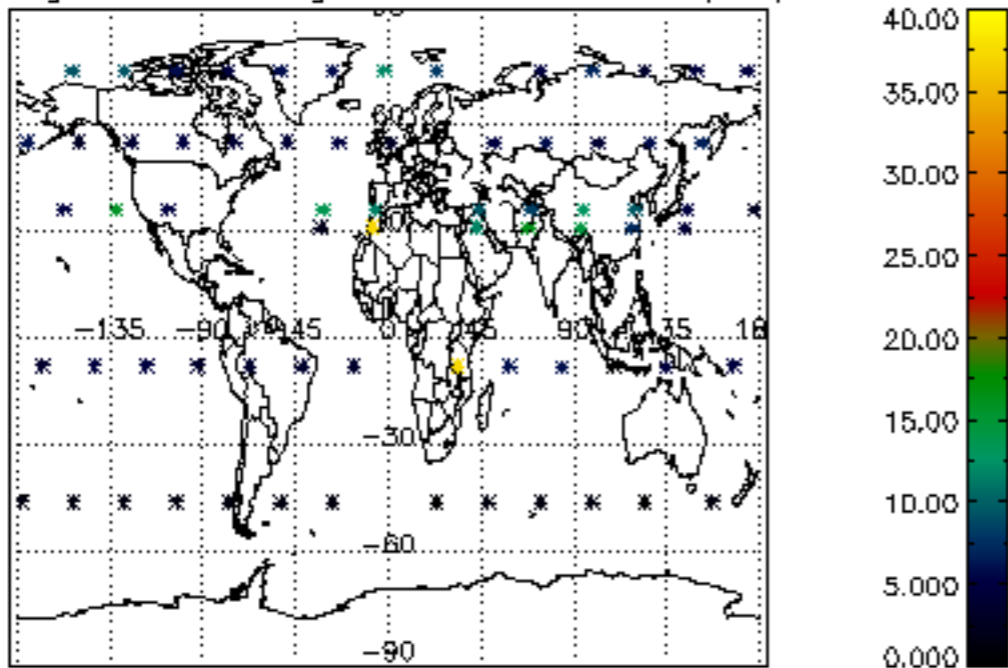
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

