GOMOS Level 2 Daily Report

SUMMARY

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1. General info

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

Item	Value
Time of report generation	18APR2013 10:36:43
Data source version	GOMOS/6.01
Start time of products	27-08-2005 (27AUG2005 00:00:00)
Stop time of products	28-08-2005 (28AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	161
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__2PRFIN20050827_002336_000000372040_00159_18249_6229.N1	27-AUG-2005 00:23:36	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	18249	No
2	GOM_NL__2PRFIN20050827_002535_000000412040_00159_18249_6230.N1	27-AUG-2005 00:25:35	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18249	No
3	GOM_NL__2PRFIN20050827_003252_000000532040_00159_18249_6231.N1	27-AUG-2005 00:32:52	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	18249	No
4	GOM_NL__2PRFIN20050827_004329_000000362040_00160_18250_6276.N1	27-AUG-2005 00:43:29	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18250	No
5	GOM_NL__2PRFIN20050827_004901_000000412040_00160_18250_6277.N1	27-AUG-2005 00:49:01	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18250	No
6	GOM_NL__2PRFIN20050827_005110_000000422040_00160_18250_6278.N1	27-AUG-2005 00:51:10	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	18250	No
7	GOM_NL__2PRFIN20050827_010946_000000372040_00160_18250_6279.N1	27-AUG-2005 01:09:46	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18250	No
8	GOM_NL__2PRFIN20050827_011943_000000352040_00160_18250_6280.N1	27-AUG-2005 01:19:43	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18250	No
9	GOM_NL__2PRFIN20050827_013131_000000352040_00160_18250_6281.N1	27-AUG-2005 01:31:31	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18250	No
10	GOM_NL__2PRFIN20050827_013809_000000362040_00160_18250_6282.N1	27-AUG-2005 01:38:09	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18250	No
11	GOM_NL__2PRFIN20050827_020412_000000372040_00160_18250_6283.N1	27-AUG-2005 02:04:12	Dark	36.500	132	15Rho Pup	2.8030	6900.0	73	18250	No
12	GOM_NL__2PRFIN20050827_020611_000000412040_00160_18250_6284.N1	27-AUG-2005 02:06:11	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18250	No
13	GOM_NL__2PRFIN20050827_021328_000000492040_00160_18250_6285.N1	27-AUG-2005 02:13:28	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	18250	No
14	GOM_NL__2PRFIN20050827_022405_000000372040_00161_18251_6276.N1	27-AUG-2005 02:24:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18251	No
15	GOM_NL__2PRFIN20050827_022937_000000382040_00161_18251_6277.N1	27-AUG-2005 02:29:37	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18251	No
16	GOM_NL__2PRFIN20050827_023146_000000392040_00161_18251_6278.N1	27-AUG-2005 02:31:46	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	18251	No
17	GOM_NL__2PRFIN20050827_025022_000000382040_00161_18251_6279.N1	27-AUG-2005 02:50:22	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	18251	No
18	GOM_NL__2PRFIN20050827_030019_000000352040_00161_18251_6280.N1	27-AUG-2005 03:00:19	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18251	No
19	GOM_NL__2PRFIN20050827_031207_000000332040_00161_18251_6281.N1	27-AUG-2005 03:12:07	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18251	No
20	GOM_NL__2PRFIN20050827_031845_000000372040_00161_18251_6282.N1	27-AUG-2005 03:18:45	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18251	No
21	GOM_NL__2PRFIN20050827_034448_000000352040_00161_18251_6283.N1	27-AUG-2005 03:44:48	Dark	35.000	132	15Rho Pup	2.8030	6900.0	70	18251	No
22	GOM_NL__2PRFIN20050827_034647_000000402040_00161_18251_6284.N1	27-AUG-2005 03:46:47	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18251	No
23	GOM_NL__2PRFIN20050827_034909_000000412040_00161_18251_6285.N1	27-AUG-2005 03:49:09	Dark	41.000	70	Zet Pup	2.2460	39000.	82	18251	No
24	GOM_NL__2PRFIN20050827_035405_000000432040_00161_18251_6286.N1	27-AUG-2005 03:54:05	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18251	No
25	GOM_NL__2PRFIN20050827_040441_000000382040_00162_18252_6277.N1	27-AUG-2005 04:04:41	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18252	No
26	GOM_NL__2PRFIN20050827_041013_000000402040_00162_18252_6278.N1	27-AUG-2005 04:10:13	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18252	No
27	GOM_NL__2PRFIN20050827_041222_000000422040_00162_18252_6279.N1	27-AUG-2005 04:12:22	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	18252	No
28	GOM_NL__2PRFIN20050827_043059_000000382040_00162_18252_6280.N1	27-AUG-2005 04:30:59	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18252	No
29	GOM_NL__2PRFIN20050827_044056_000000352040_00162_18252_6281.N1	27-AUG-2005 04:40:56	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18252	No
30	GOM_NL__2PRFIN20050827_045244_000000342040_00162_18252_6282.N1	27-AUG-2005 04:52:44	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18252	No
31	GOM_NL__2PRFIN20050827_045922_000000382040_00162_18252_6283.N1	27-AUG-2005 04:59:22	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	18252	No
32	GOM_NL__2PRFIN20050827_052524_000000362040_00162_18252_6284.N1	27-AUG-2005 05:25:24	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18252	No
33	GOM_NL__2PRFIN20050827_052723_000000402040_00162_18252_6285.N1	27-AUG-2005 05:27:23	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18252	No
34	GOM_NL__2PRFIN20050827_052945_000000402040_00162_18252_6286.N1	27-AUG-2005 05:29:45	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18252	No
35	GOM_NL__2PRFIN20050827_053441_000000442040_00162_18252_6287.N1	27-AUG-2005 05:34:41	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18252	No
36	GOM_NL__2PRFIN20050827_054517_000000402040_00163_18253_6278.N1	27-AUG-2005 05:45:17	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	18253	No
37	GOM_NL__2PRFIN20050827_055049_000000472040_00163_18253_6279.N1	27-AUG-2005 05:50:49	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	18253	No
38	GOM_NL__2PRFIN20050827_055258_000000392040_00163_18253_6280.N1	27-AUG-2005 05:52:58	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	18253	No
39	GOM_NL__2PRFIN20050827_061135_000000372040_00163_18253_6281.N1	27-AUG-2005 06:11:35	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18253	No
40	GOM_NL__2PRFIN20050827_062132_000000362040_00163_18253_6282.N1	27-AUG-2005 06:21:32	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18253	No
41	GOM_NL__2PRFIN20050827_063320_000000362040_00163_18253_6283.N1	27-AUG-2005 06:33:20	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18253	No
42	GOM_NL__2PRFIN20050827_063958_000000362040_00163_18253_6284.N1	27-AUG-2005 06:39:58	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18253	No

43	GOM_NL__2PRFIN20050827_070600_000000372040_00163_18253_6285.N1	27-AUG-2005 07:06:00	Dark	36.500	132	15Rho Pup	2.8030	6900.0	73	18253	No
44	GOM_NL__2PRFIN20050827_070800_000000412040_00163_18253_6286.N1	27-AUG-2005 07:08:00	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18253	No
45	GOM_NL__2PRFIN20050827_071021_000000392040_00163_18253_6287.N1	27-AUG-2005 07:10:21	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18253	No
46	GOM_NL__2PRFIN20050827_071517_000000482040_00163_18253_6288.N1	27-AUG-2005 07:15:17	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	18253	No
47	GOM_NL__2PRFIN20050827_072553_000000382040_00164_18254_6279.N1	27-AUG-2005 07:25:53	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18254	No
48	GOM_NL__2PRFIN20050827_073126_000000382040_00164_18254_6280.N1	27-AUG-2005 07:31:26	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18254	No
49	GOM_NL__2PRFIN20050827_073334_000000392040_00164_18254_6281.N1	27-AUG-2005 07:33:34	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	18254	No
50	GOM_NL__2PRFIN20050827_075211_000000362040_00164_18254_6282.N1	27-AUG-2005 07:52:11	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18254	No
51	GOM_NL__2PRFIN20050827_080208_000000352040_00164_18254_6283.N1	27-AUG-2005 08:02:08	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18254	No
52	GOM_NL__2PRFIN20050827_081356_000000352040_00164_18254_6284.N1	27-AUG-2005 08:13:56	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18254	No
53	GOM_NL__2PRFIN20050827_082034_000000352040_00164_18254_6285.N1	27-AUG-2005 08:20:34	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18254	No
54	GOM_NL__2PRFIN20050827_084636_000000362040_00164_18254_6286.N1	27-AUG-2005 08:46:36	Dark	35.500	132	15Rho Pup	2.8030	6900.0	71	18254	No
55	GOM_NL__2PRFIN20050827_084836_000000402040_00164_18254_6287.N1	27-AUG-2005 08:48:36	Dark	39.500	88	31Eta CMa	2.4480	20000.	79	18254	No
56	GOM_NL__2PRFIN20050827_085057_000000372040_00164_18254_6288.N1	27-AUG-2005 08:50:57	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18254	No
57	GOM_NL__2PRFIN20050827_085554_000000442040_00164_18254_6289.N1	27-AUG-2005 08:55:54	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	18254	No
58	GOM_NL__2PRFIN20050827_090630_000000362040_00165_18255_6280.N1	27-AUG-2005 09:06:30	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18255	No
59	GOM_NL__2PRFIN20050827_091202_000000422040_00165_18255_6281.N1	27-AUG-2005 09:12:02	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	18255	No
60	GOM_NL__2PRFIN20050827_091410_000000412040_00165_18255_6282.N1	27-AUG-2005 09:14:10	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	18255	No
61	GOM_NL__2PRFIN20050827_093247_000000392040_00165_18255_6283.N1	27-AUG-2005 09:32:47	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18255	No
62	GOM_NL__2PRFIN20050827_094244_000000352040_00165_18255_6284.N1	27-AUG-2005 09:42:44	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18255	No
63	GOM_NL__2PRFIN20050827_095433_000000372040_00165_18255_6285.N1	27-AUG-2005 09:54:33	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18255	No
64	GOM_NL__2PRFIN20050827_100111_000000362040_00165_18255_6286.N1	27-AUG-2005 10:01:11	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18255	No
65	GOM_NL__2PRFIN20050827_102712_000000402040_00165_18255_6287.N1	27-AUG-2005 10:27:12	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	18255	No
66	GOM_NL__2PRFIN20050827_102912_000000412040_00165_18255_6288.N1	27-AUG-2005 10:29:12	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18255	No
67	GOM_NL__2PRFIN20050827_103133_000000372040_00165_18255_6289.N1	27-AUG-2005 10:31:33	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18255	No
68	GOM_NL__2PRFIN20050827_103630_000000522040_00165_18255_6290.N1	27-AUG-2005 10:36:30	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18255	No
69	GOM_NL__2PRFIN20050827_104706_000000382040_00166_18256_6281.N1	27-AUG-2005 10:47:06	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18256	No
70	GOM_NL__2PRFIN20050827_105238_000000472040_00166_18256_6282.N1	27-AUG-2005 10:52:38	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	18256	No
71	GOM_NL__2PRFIN20050827_105446_000000362040_00166_18256_6283.N1	27-AUG-2005 10:54:46	Straylight	36.000	45	Alp Pav	1.9400	26000.	72	18256	No
72	GOM_NL__2PRFIN20050827_111323_000000392040_00166_18256_6284.N1	27-AUG-2005 11:13:23	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18256	No
73	GOM_NL__2PRFIN20050827_112143_000000252040_00166_18256_6285.N1	27-AUG-2005 11:21:43	Bright	25.000	66	37Gam Cyg	2.2080	5900.0	50	18256	No
74	GOM_NL__2PRFIN20050827_112320_000000352040_00166_18256_6286.N1	27-AUG-2005 11:23:20	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18256	No
75	GOM_NL__2PRFIN20050827_113509_000000362040_00166_18256_6287.N1	27-AUG-2005 11:35:09	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18256	No
76	GOM_NL__2PRFIN20050827_114147_000000372040_00166_18256_6288.N1	27-AUG-2005 11:41:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18256	No
77	GOM_NL__2PRFIN20050827_120749_000000392040_00166_18256_6289.N1	27-AUG-2005 12:07:49	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18256	No
78	GOM_NL__2PRFIN20050827_120948_000000392040_00166_18256_6290.N1	27-AUG-2005 12:09:48	Dark	38.500	88	31Eta CMa	2.4480	20000.	77	18256	No
79	GOM_NL__2PRFIN20050827_121209_000000372040_00166_18256_6291.N1	27-AUG-2005 12:12:09	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18256	No
80	GOM_NL__2PRFIN20050827_121706_000000512040_00166_18256_6292.N1	27-AUG-2005 12:17:06	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	18256	No
81	GOM_NL__2PRFIN20050827_122742_000000372040_00167_18257_6281.N1	27-AUG-2005 12:27:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18257	No
82	GOM_NL__2PRFIN20050827_123314_000000392040_00167_18257_6282.N1	27-AUG-2005 12:33:14	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18257	No
83	GOM_NL__2PRFIN20050827_123522_000000372040_00167_18257_6283.N1	27-AUG-2005 12:35:22	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	18257	No
84	GOM_NL__2PRFIN20050827_125359_000000362040_00167_18257_6284.N1	27-AUG-2005 12:53:59	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18257	No
85	GOM_NL__2PRFIN20050827_130219_000000252040_00167_18257_6285.N1	27-AUG-2005 13:02:19	Bright	25.000	66	37Gam Cyg	2.2080	5900.0	50	18257	No
86	GOM_NL__2PRFIN20050827_130356_000000352040_00167_18257_6286.N1	27-AUG-2005 13:03:56	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18257	No
87	GOM_NL__2PRFIN20050827_131545_000000372040_00167_18257_6287.N1	27-AUG-2005 13:15:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18257	No
88	GOM_NL__2PRFIN20050827_132223_000000352040_00167_18257_6288.N1	27-AUG-2005 13:22:23	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18257	No
89	GOM_NL__2PRFIN20050827_134824_000000412040_00167_18257_6289.N1	27-AUG-2005 13:48:24	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	18257	No
90	GOM_NL__2PRFIN20050827_135025_000000402040_00167_18257_6290.N1	27-AUG-2005 13:50:25	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18257	No
91	GOM_NL__2PRFIN20050827_135245_000000412040_00167_18257_6291.N1	27-AUG-2005 13:52:45	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18257	No
92	GOM_NL__2PRFIN20050827_135742_000000482040_00167_18257_6292.N1	27-AUG-2005 13:57:42	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18257	No
93	GOM_NL__2PRFIN20050827_140818_000000372040_00168_18258_6281.N1	27-AUG-2005 14:08:18	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18258	No
94	GOM_NL__2PRFIN20050827_141350_000000402040_00168_18258_6282.N1	27-AUG-2005 14:13:50	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18258	No
95	GOM_NL__2PRFIN20050827_141558_000000372040_00168_18258_6283.N1	27-AUG-2005 14:15:58	Straylight	36.500	45	Alp Pav	1.9400	26000.	73	18258	No
96	GOM_NL__2PRFIN20050827_143436_000000352040_00168_18258_6284.N1	27-AUG-2005 14:34:36	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18258	No
97	GOM_NL__2PRFIN20050827_144255_000000372040_00168_18258_6285.N1	27-AUG-2005 14:42:55	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18258	No
98	GOM_NL__2PRFIN20050827_144432_000000352040_00168_18258_6286.N1	27-AUG-2005 14:44:32	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18258	No
99	GOM_NL__2PRFIN20050827_145621_000000392040_00168_18258_6287.N1	27-AUG-2005 14:56:21	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	18258	No
100	GOM_NL__2PRFIN20050827_150259_000000362040_00168_18258_6288.N1	27-AUG-2005 15:02:59	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18258	No
101	GOM_NL__2PRFIN20050827_152901_000000382040_00168_18258_6289.N1	27-AUG-2005 15:29:01	Dark	38.000	132	15Rho Pup	2.8030	6900.0	76	18258	No

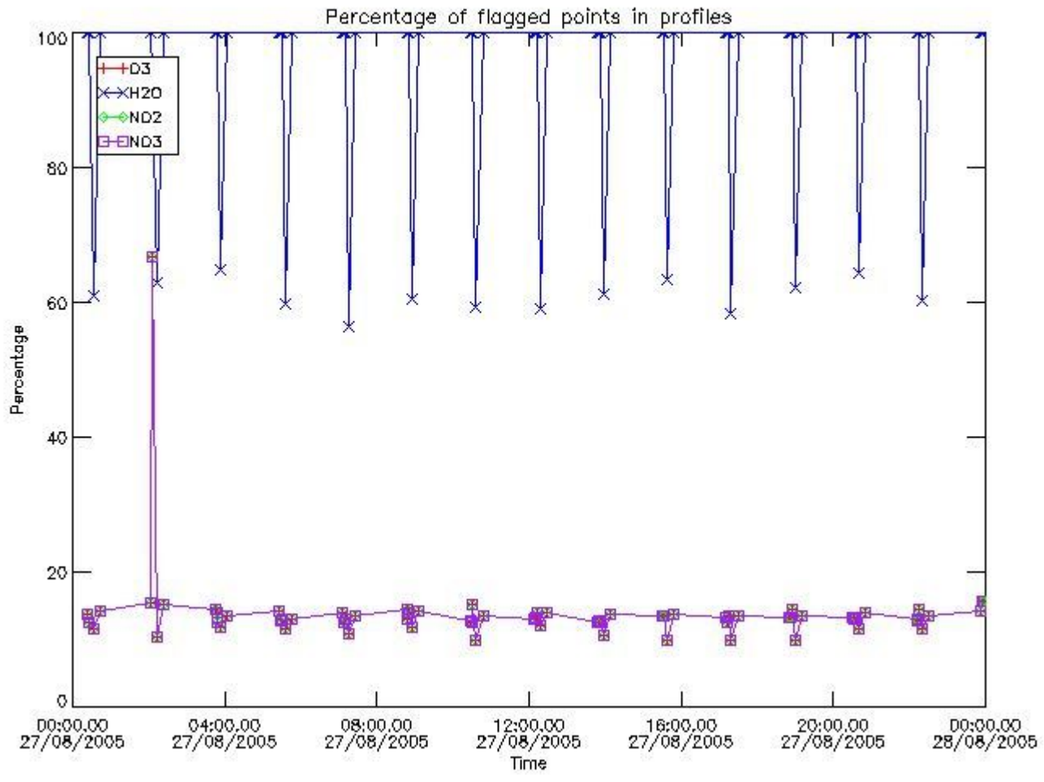
102	GOM_NL__2PRFIN20050827_153101_000000382040_00168_18258_6290.N1	27-AUG-2005 15:31:01	Dark	37.500	88	31Eta CMa	2.4480	20000.	75	18258	No
103	GOM_NL__2PRFIN20050827_153321_000000382040_00168_18258_6291.N1	27-AUG-2005 15:33:21	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18258	No
104	GOM_NL__2PRFIN20050827_153819_000000512040_00168_18258_6292.N1	27-AUG-2005 15:38:19	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	18258	No
105	GOM_NL__2PRFIN20050827_154854_000000372040_00169_18259_6281.N1	27-AUG-2005 15:48:54	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18259	No
106	GOM_NL__2PRFIN20050827_155426_000000382040_00169_18259_6282.N1	27-AUG-2005 15:54:26	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18259	No
107	GOM_NL__2PRFIN20050827_155634_000000382040_00169_18259_6283.N1	27-AUG-2005 15:56:34	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18259	No
108	GOM_NL__2PRFIN20050827_161512_000000362040_00169_18259_6284.N1	27-AUG-2005 16:15:12	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18259	No
109	GOM_NL__2PRFIN20050827_162331_000000372040_00169_18259_6285.N1	27-AUG-2005 16:23:31	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18259	No
110	GOM_NL__2PRFIN20050827_162508_000000352040_00169_18259_6286.N1	27-AUG-2005 16:25:08	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18259	No
111	GOM_NL__2PRFIN20050827_163658_000000372040_00169_18259_6287.N1	27-AUG-2005 16:36:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18259	No
112	GOM_NL__2PRFIN20050827_164336_000000442040_00169_18259_6288.N1	27-AUG-2005 16:43:36	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	18259	No
113	GOM_NL__2PRFIN20050827_170937_000000392040_00169_18259_6289.N1	27-AUG-2005 17:09:37	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18259	No
114	GOM_NL__2PRFIN20050827_171137_000000412040_00169_18259_6290.N1	27-AUG-2005 17:11:37	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18259	No
115	GOM_NL__2PRFIN20050827_171357_000000382040_00169_18259_6291.N1	27-AUG-2005 17:13:57	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18259	No
116	GOM_NL__2PRFIN20050827_171855_000000522040_00169_18259_6292.N1	27-AUG-2005 17:18:55	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18259	No
117	GOM_NL__2PRFIN20050827_172930_000000382040_00170_18260_6281.N1	27-AUG-2005 17:29:30	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18260	No
118	GOM_NL__2PRFIN20050827_173503_000000462040_00170_18260_6282.N1	27-AUG-2005 17:35:03	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	18260	No
119	GOM_NL__2PRFIN20050827_173710_000000382040_00170_18260_6283.N1	27-AUG-2005 17:37:10	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	18260	No
120	GOM_NL__2PRFIN20050827_175548_000000392040_00170_18260_6284.N1	27-AUG-2005 17:55:48	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18260	No
121	GOM_NL__2PRFIN20050827_180407_000000362040_00170_18260_6285.N1	27-AUG-2005 18:04:07	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18260	No
122	GOM_NL__2PRFIN20050827_180544_000000362040_00170_18260_6286.N1	27-AUG-2005 18:05:44	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18260	No
123	GOM_NL__2PRFIN20050827_181734_000000372040_00170_18260_6287.N1	27-AUG-2005 18:17:34	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18260	No
124	GOM_NL__2PRFIN20050827_182412_000000372040_00170_18260_6288.N1	27-AUG-2005 18:24:12	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18260	No
125	GOM_NL__2PRFIN20050827_185013_000000392040_00170_18260_6289.N1	27-AUG-2005 18:50:13	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18260	No
126	GOM_NL__2PRFIN20050827_185214_000000392040_00170_18260_6290.N1	27-AUG-2005 18:52:14	Dark	38.500	88	31Eta CMa	2.4480	20000.	77	18260	No
127	GOM_NL__2PRFIN20050827_185433_000000392040_00170_18260_6291.N1	27-AUG-2005 18:54:33	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18260	No
128	GOM_NL__2PRFIN20050827_185931_000000522040_00170_18260_6292.N1	27-AUG-2005 18:59:31	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18260	No
129	GOM_NL__2PRFIN20050827_191006_000000382040_00171_18261_6281.N1	27-AUG-2005 19:10:06	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18261	No
130	GOM_NL__2PRFIN20050827_191539_000000392040_00171_18261_6282.N1	27-AUG-2005 19:15:39	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18261	No
131	GOM_NL__2PRFIN20050827_191747_000000382040_00171_18261_6283.N1	27-AUG-2005 19:17:47	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18261	No
132	GOM_NL__2PRFIN20050827_193624_000000362040_00171_18261_6284.N1	27-AUG-2005 19:36:24	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18261	No
133	GOM_NL__2PRFIN20050827_194443_000000362040_00171_18261_6285.N1	27-AUG-2005 19:44:43	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18261	No
134	GOM_NL__2PRFIN20050827_194621_000000352040_00171_18261_6286.N1	27-AUG-2005 19:46:21	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18261	No
135	GOM_NL__2PRFIN20050827_195810_000000372040_00171_18261_6287.N1	27-AUG-2005 19:58:10	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18261	No
136	GOM_NL__2PRFIN20050827_200448_000000362040_00171_18261_6288.N1	27-AUG-2005 20:04:48	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18261	No
137	GOM_NL__2PRFIN20050827_203049_000000392040_00171_18261_6289.N1	27-AUG-2005 20:30:49	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18261	No
138	GOM_NL__2PRFIN20050827_203250_000000402040_00171_18261_6290.N1	27-AUG-2005 20:32:50	Dark	39.500	88	31Eta CMa	2.4480	20000.	79	18261	No
139	GOM_NL__2PRFIN20050827_203509_000000392040_00171_18261_6291.N1	27-AUG-2005 20:35:09	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18261	No
140	GOM_NL__2PRFIN20050827_204008_000000482040_00171_18261_6292.N1	27-AUG-2005 20:40:08	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18261	No
141	GOM_NL__2PRFIN20050827_205042_000000372040_00172_18262_6281.N1	27-AUG-2005 20:50:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18262	No
142	GOM_NL__2PRFIN20050827_205615_000000382040_00172_18262_6282.N1	27-AUG-2005 20:56:15	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18262	No
143	GOM_NL__2PRFIN20050827_211700_000000372040_00172_18262_6283.N1	27-AUG-2005 21:17:00	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18262	No
144	GOM_NL__2PRFIN20050827_212519_000000362040_00172_18262_6284.N1	27-AUG-2005 21:25:19	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18262	No
145	GOM_NL__2PRFIN20050827_212657_000000342040_00172_18262_6285.N1	27-AUG-2005 21:26:57	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18262	No
146	GOM_NL__2PRFIN20050827_213846_000000372040_00172_18262_6286.N1	27-AUG-2005 21:38:46	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18262	No
147	GOM_NL__2PRFIN20050827_214524_000000322040_00172_18262_6287.N1	27-AUG-2005 21:45:24	Bright	32.000	36	50Alp UMa	1.8000	6300.0	64	18262	No
148	GOM_NL__2PRFIN20050827_221125_000000392040_00172_18262_6288.N1	27-AUG-2005 22:11:25	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18262	No
149	GOM_NL__2PRFIN20050827_221326_000000402040_00172_18262_6289.N1	27-AUG-2005 22:13:26	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18262	No
150	GOM_NL__2PRFIN20050827_221545_000000392040_00172_18262_6290.N1	27-AUG-2005 22:15:45	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18262	No
151	GOM_NL__2PRFIN20050827_222044_000000452040_00172_18262_6291.N1	27-AUG-2005 22:20:44	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18262	No
152	GOM_NL__2PRFIN20050827_223119_000000382040_00173_18263_6281.N1	27-AUG-2005 22:31:19	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18263	No
153	GOM_NL__2PRFIN20050827_223651_000000372040_00173_18263_6282.N1	27-AUG-2005 22:36:51	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18263	No
154	GOM_NL__2PRFIN20050827_225737_000000372040_00173_18263_6283.N1	27-AUG-2005 22:57:37	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18263	No
155	GOM_NL__2PRFIN20050827_230555_000000362040_00173_18263_6284.N1	27-AUG-2005 23:05:55	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18263	No
156	GOM_NL__2PRFIN20050827_230733_000000352040_00173_18263_6285.N1	27-AUG-2005 23:07:33	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18263	No
157	GOM_NL__2PRFIN20050827_231922_000000342040_00173_18263_6286.N1	27-AUG-2005 23:19:22	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18263	No
158	GOM_NL__2PRFIN20050827_232601_000000372040_00173_18263_6287.N1	27-AUG-2005 23:26:01	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18263	No
159	GOM_NL__2PRFIN20050827_235201_000000362040_00173_18263_6288.N1	27-AUG-2005 23:52:01	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18263	No
160	GOM_NL__2PRFIN20050827_235402_000000392040_00173_18263_6289.N1	27-AUG-2005 23:54:02	Dark	39.000	88	31Eta CMa	2.4480	20000.	78	18263	No

161	GOM_NL__2PRFIN20050827_235621_000000392040_00173_18263_6290.N1	27-AUG-2005 23:56:21	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18263	No

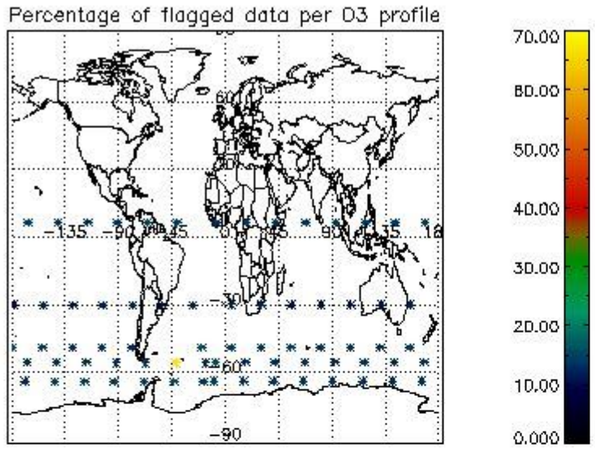
3. Quality information per product

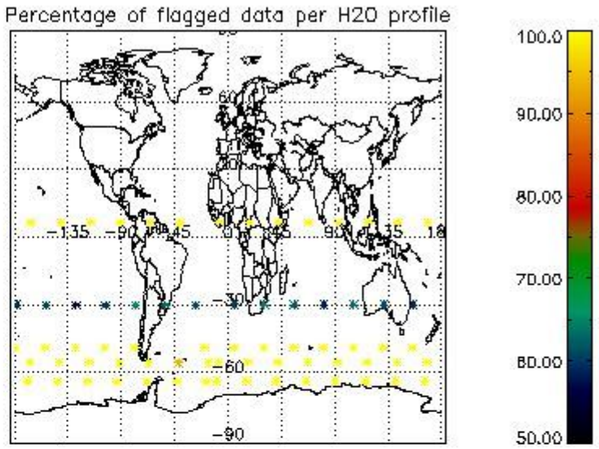
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

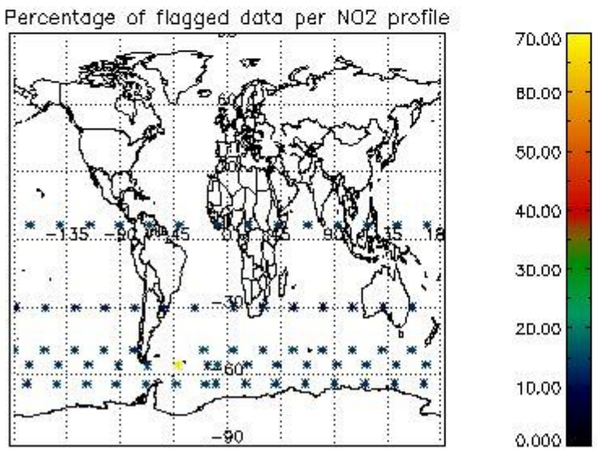
3.1 Plot quality information per product (time dependant)

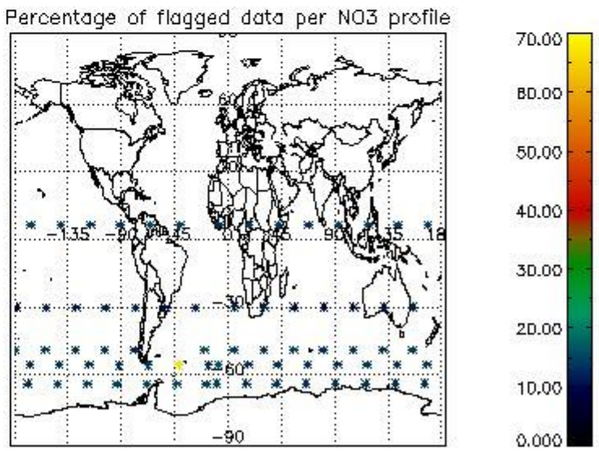


3.2 Plot quality information per product (world map)







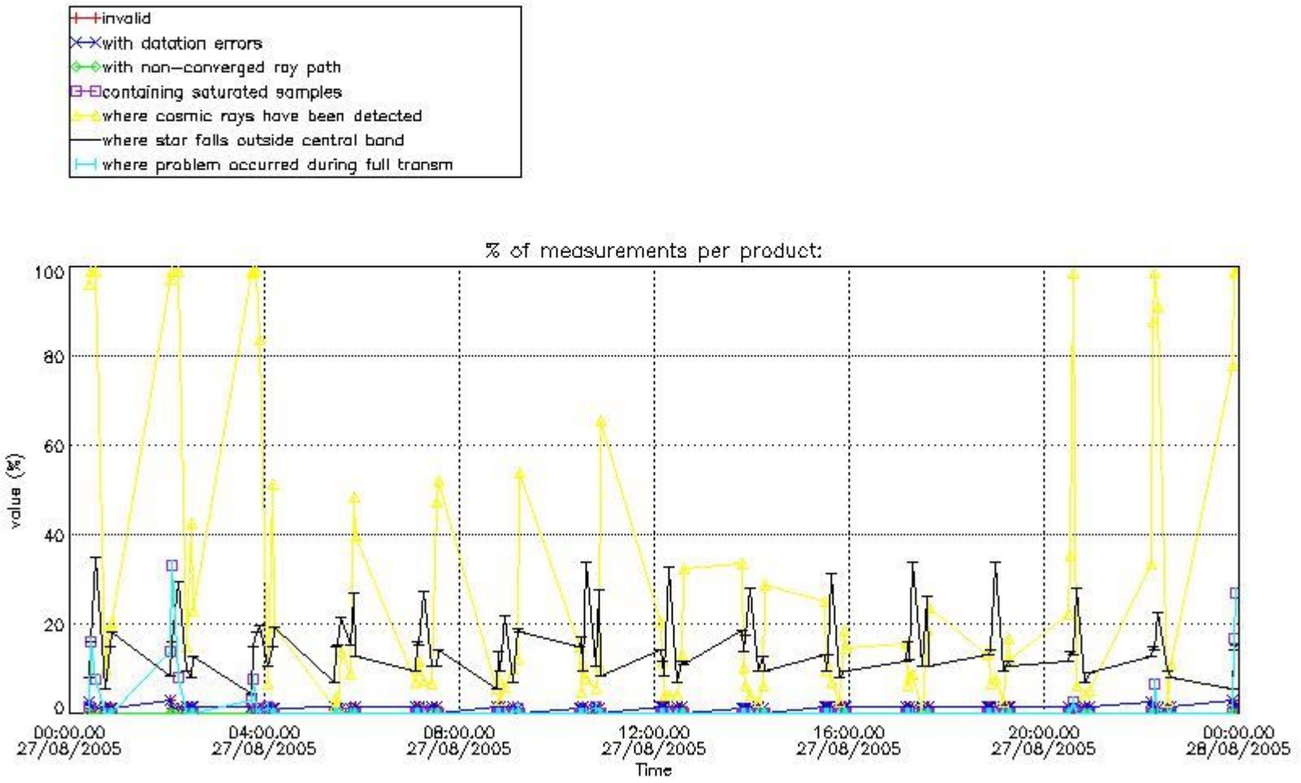


4. Level 1 quality information per product

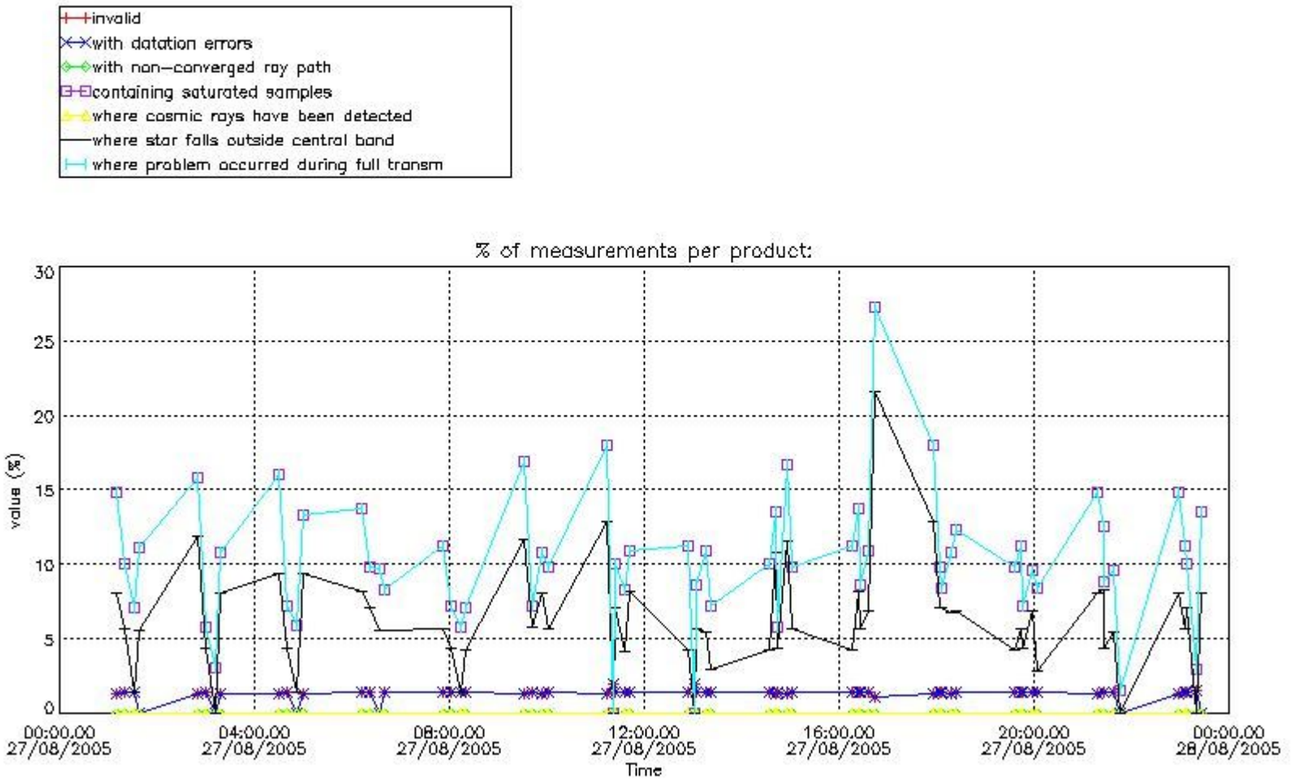
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

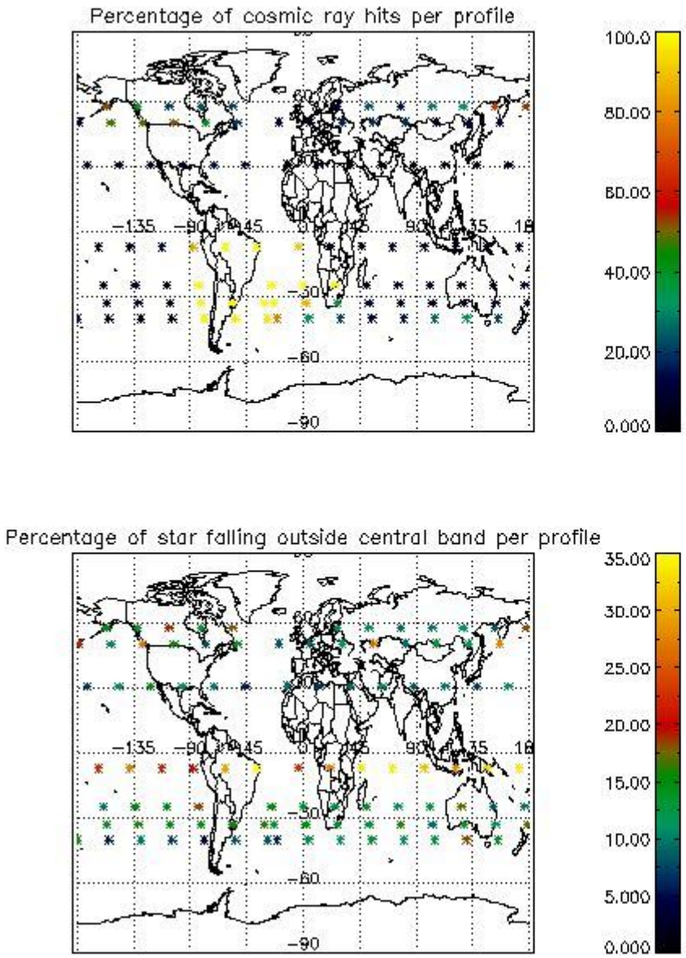


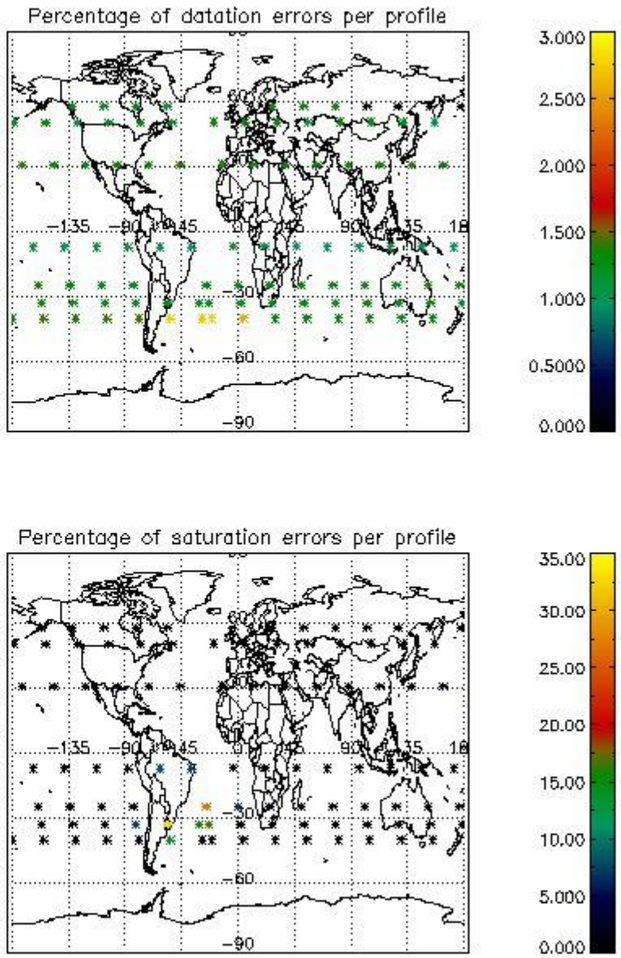
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



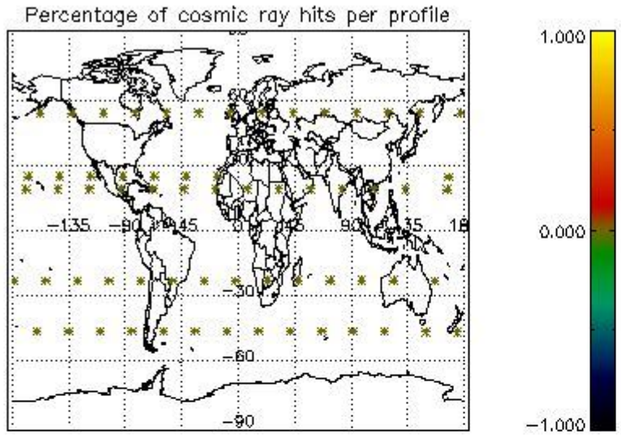
4.2 Plot quality information per product comming from level 1b processing (world map)

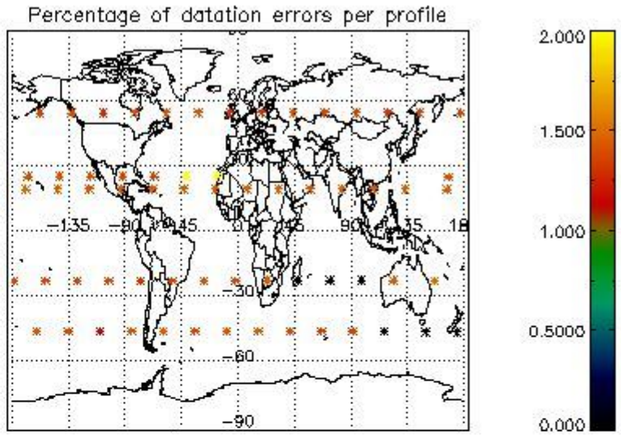
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

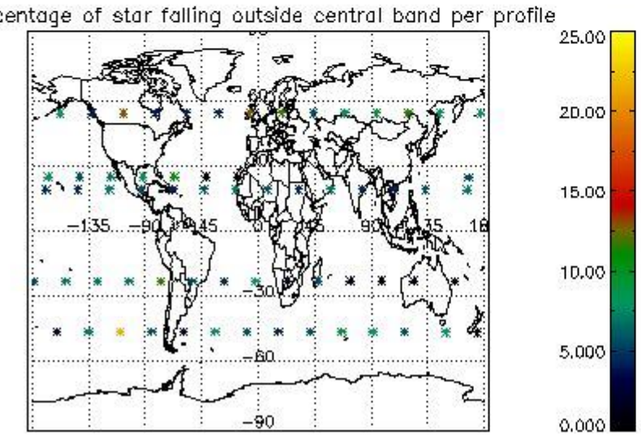


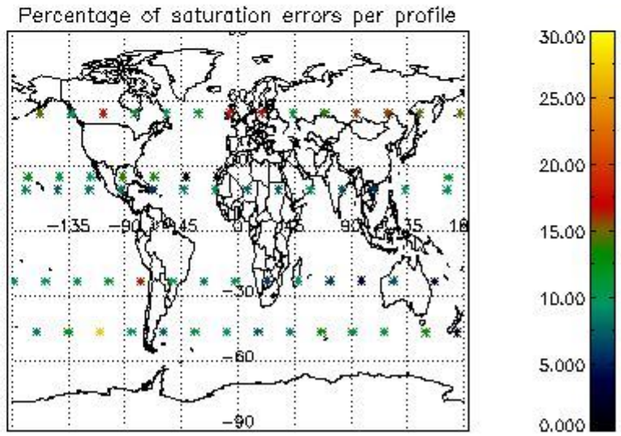


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

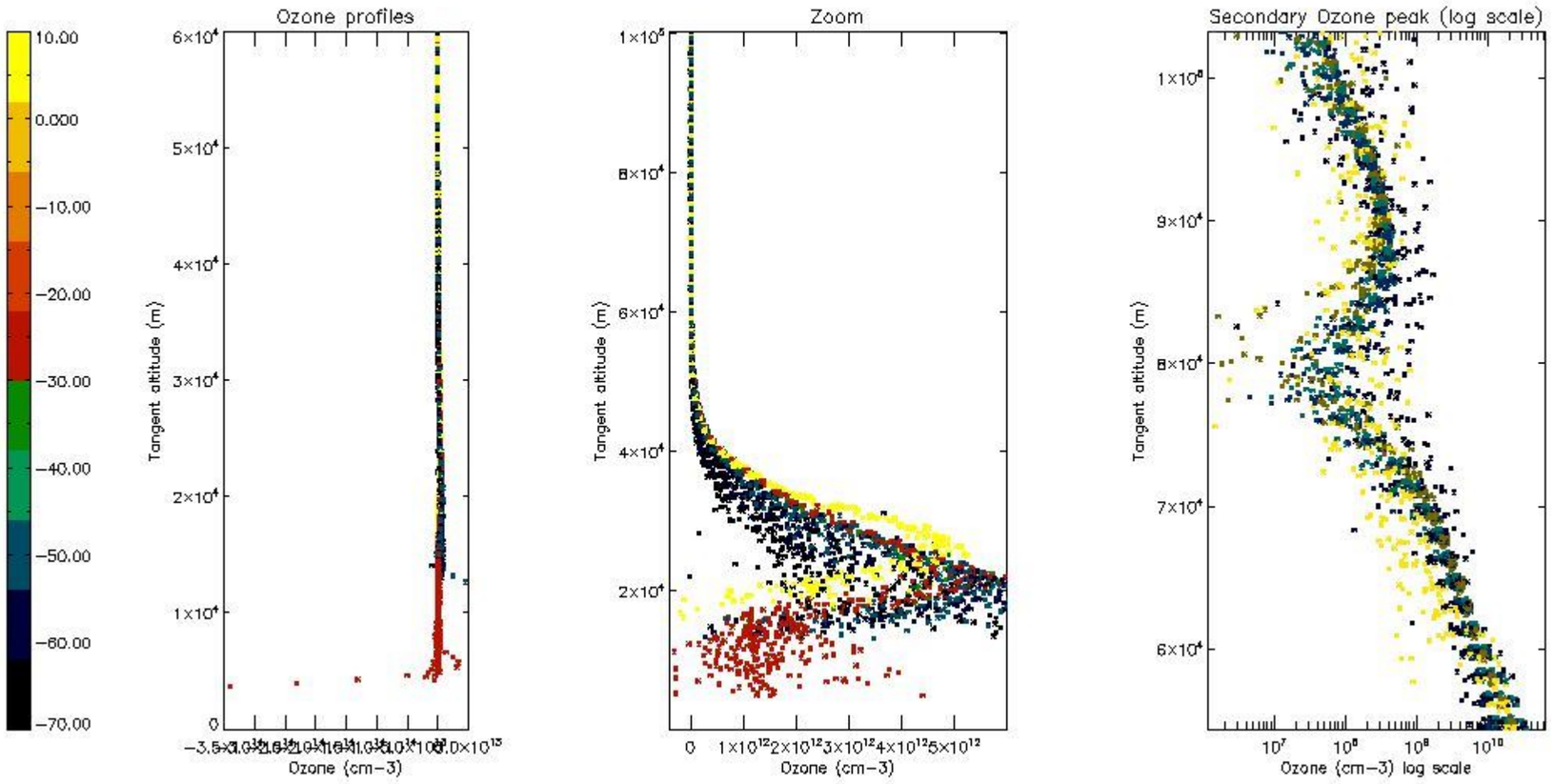
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	47
STD < 20	27

STD < 10	20
STD < 5	12

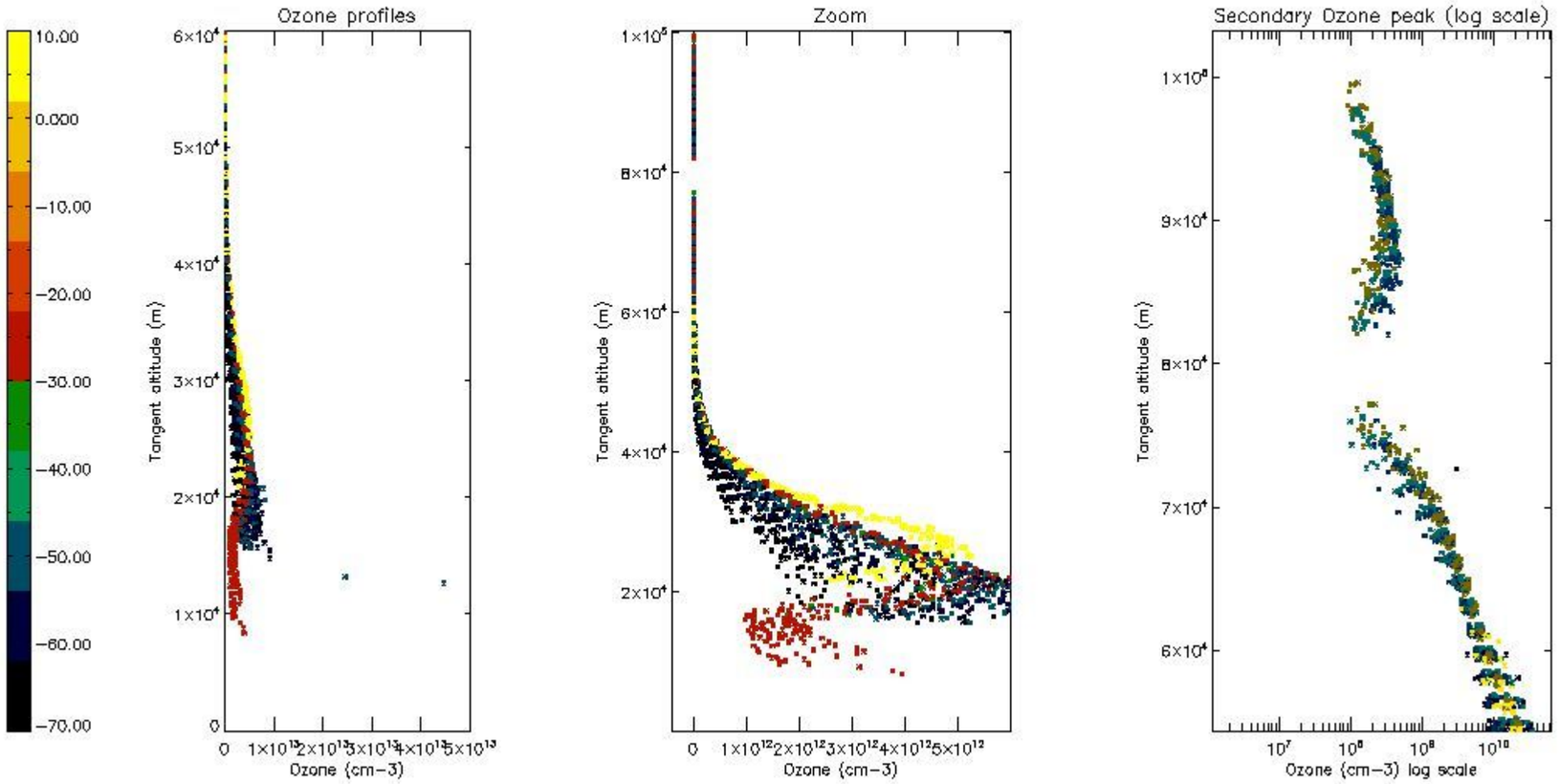
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



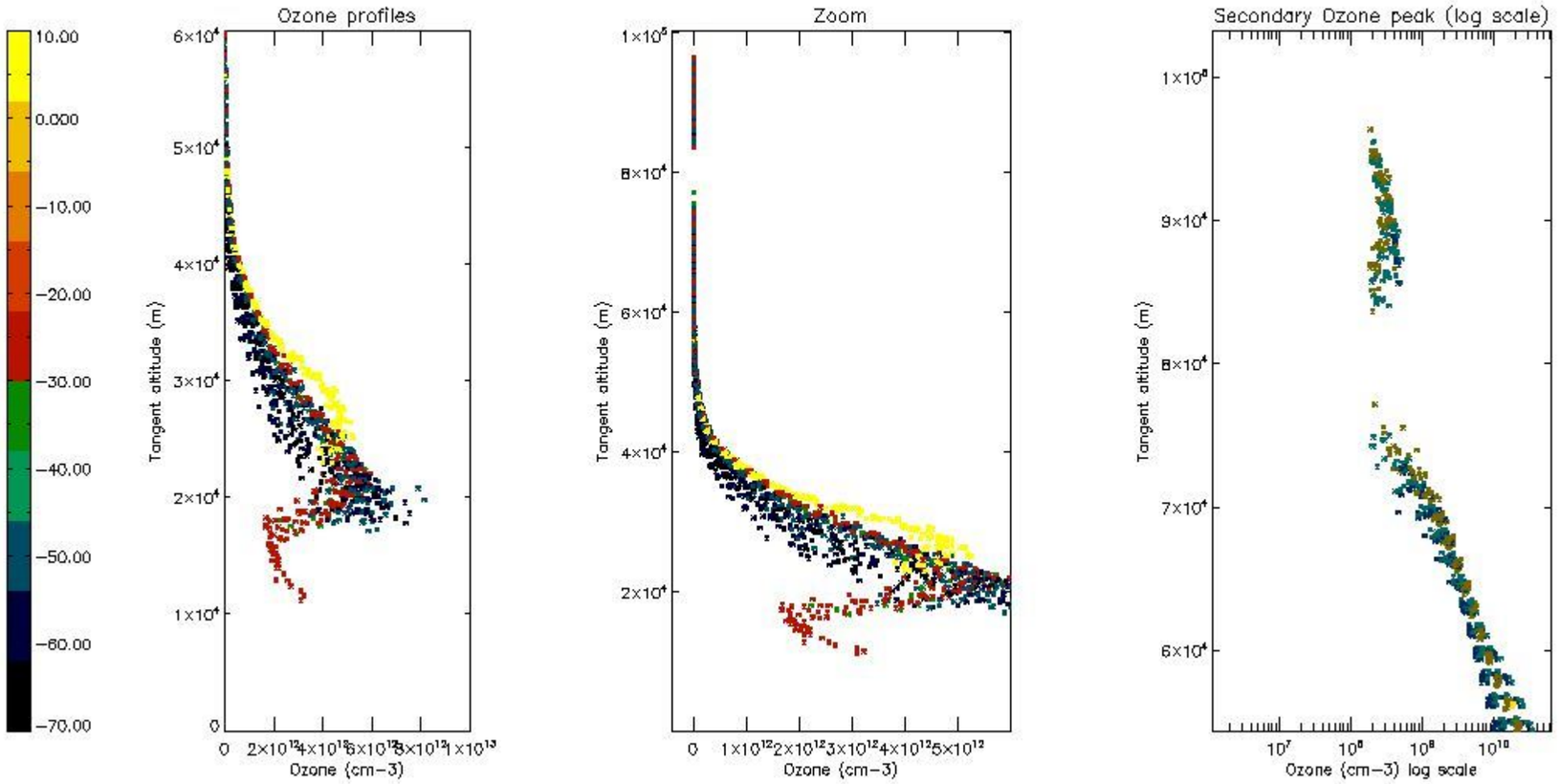
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



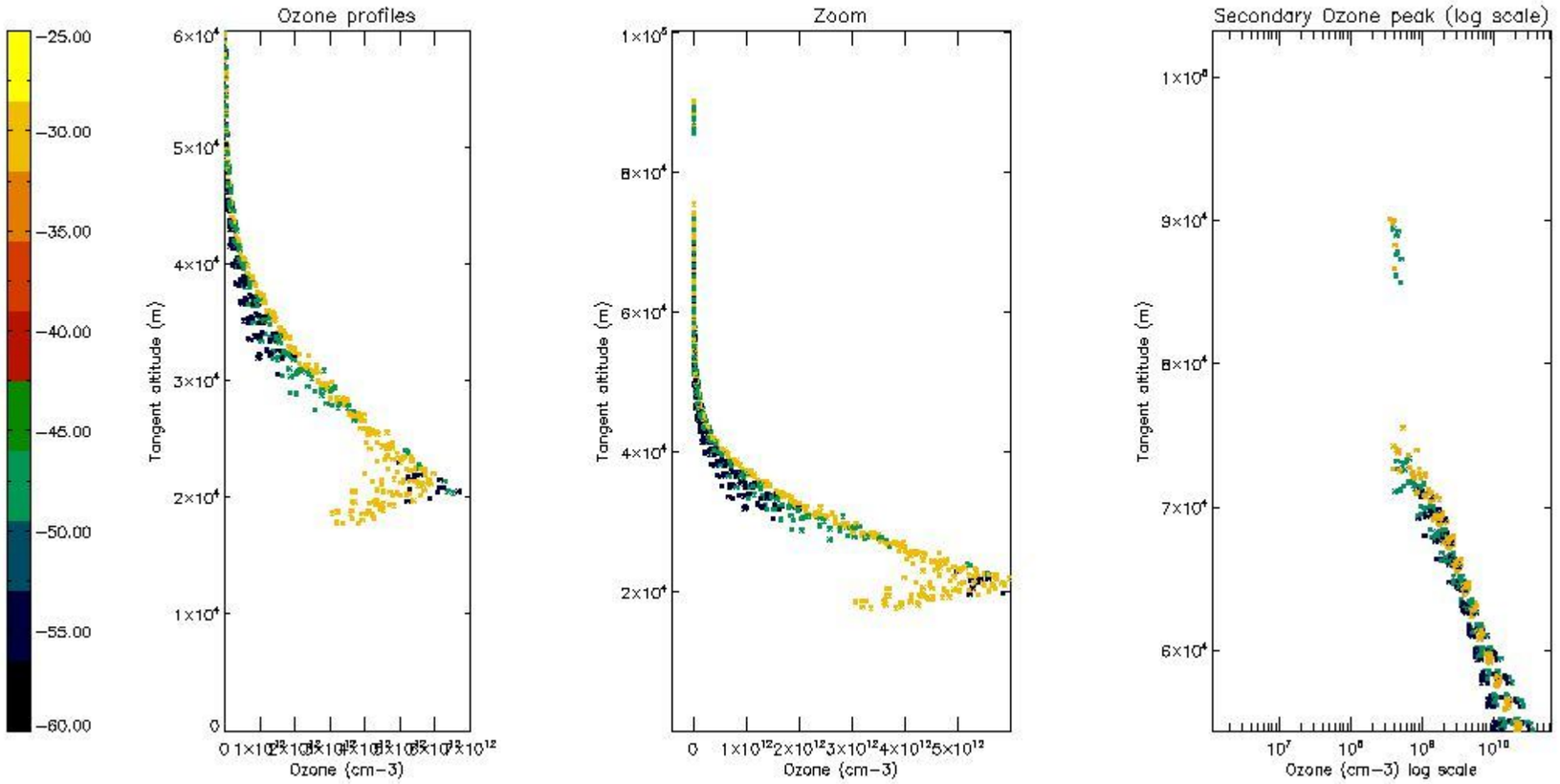
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



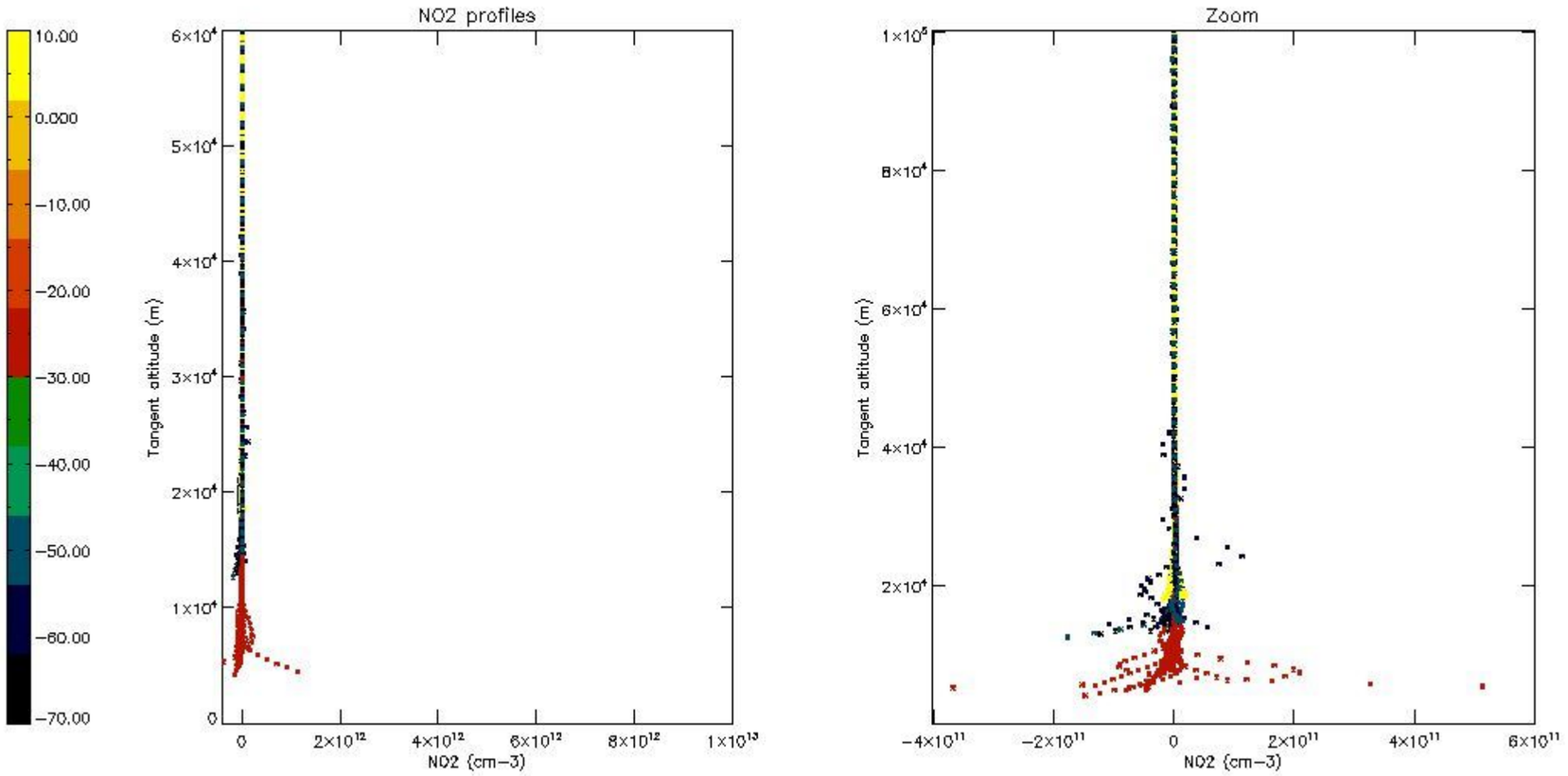
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



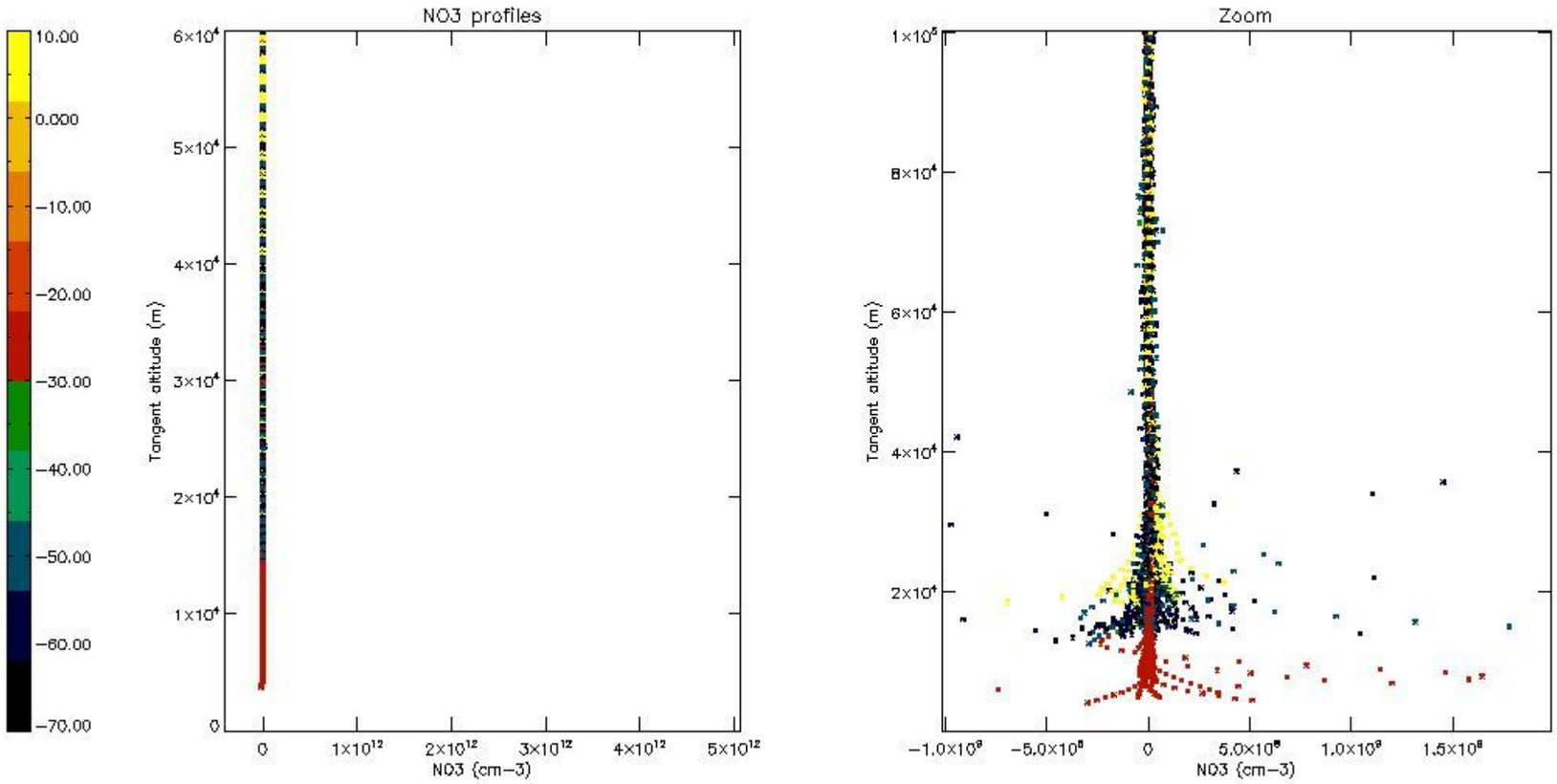
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



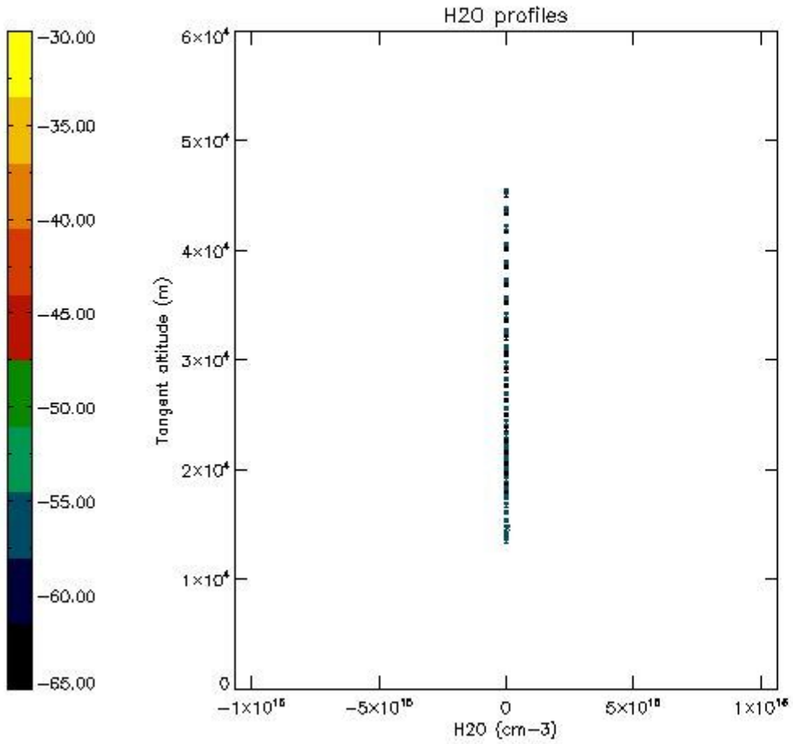
5.7 Plot NO3 profiles for all STD (dark without errors)

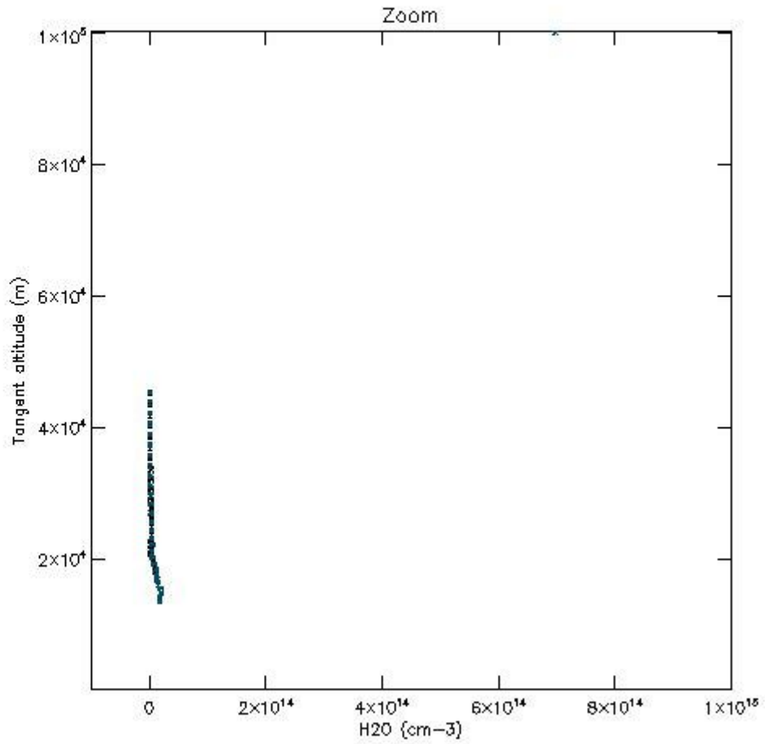
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2005 00:23:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2005 00:23:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2005 00:23:36

GOMOS Level 2 Daily Report

SUMMARY

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1. General info

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

Item	Value
Time of report generation	18APR2013 10:36:43
Data source version	GOMOS/6.01
Start time of products	27-08-2005 (27AUG2005 00:00:00)
Stop time of products	28-08-2005 (28AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	161
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__2PRFIN20050827_002336_000000372040_00159_18249_6229.N1	27-AUG-2005 00:23:36	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	18249	No
2	GOM_NL__2PRFIN20050827_002535_000000412040_00159_18249_6230.N1	27-AUG-2005 00:25:35	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18249	No
3	GOM_NL__2PRFIN20050827_003252_000000532040_00159_18249_6231.N1	27-AUG-2005 00:32:52	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	18249	No
4	GOM_NL__2PRFIN20050827_004329_000000362040_00160_18250_6276.N1	27-AUG-2005 00:43:29	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18250	No
5	GOM_NL__2PRFIN20050827_004901_000000412040_00160_18250_6277.N1	27-AUG-2005 00:49:01	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18250	No
6	GOM_NL__2PRFIN20050827_005110_000000422040_00160_18250_6278.N1	27-AUG-2005 00:51:10	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	18250	No
7	GOM_NL__2PRFIN20050827_010946_000000372040_00160_18250_6279.N1	27-AUG-2005 01:09:46	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18250	No
8	GOM_NL__2PRFIN20050827_011943_000000352040_00160_18250_6280.N1	27-AUG-2005 01:19:43	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18250	No
9	GOM_NL__2PRFIN20050827_013131_000000352040_00160_18250_6281.N1	27-AUG-2005 01:31:31	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18250	No
10	GOM_NL__2PRFIN20050827_013809_000000362040_00160_18250_6282.N1	27-AUG-2005 01:38:09	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18250	No
11	GOM_NL__2PRFIN20050827_020412_000000372040_00160_18250_6283.N1	27-AUG-2005 02:04:12	Dark	36.500	132	15Rho Pup	2.8030	6900.0	73	18250	No
12	GOM_NL__2PRFIN20050827_020611_000000412040_00160_18250_6284.N1	27-AUG-2005 02:06:11	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18250	No
13	GOM_NL__2PRFIN20050827_021328_000000492040_00160_18250_6285.N1	27-AUG-2005 02:13:28	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	18250	No
14	GOM_NL__2PRFIN20050827_022405_000000372040_00161_18251_6276.N1	27-AUG-2005 02:24:05	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18251	No
15	GOM_NL__2PRFIN20050827_022937_000000382040_00161_18251_6277.N1	27-AUG-2005 02:29:37	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18251	No
16	GOM_NL__2PRFIN20050827_023146_000000392040_00161_18251_6278.N1	27-AUG-2005 02:31:46	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	18251	No
17	GOM_NL__2PRFIN20050827_025022_000000382040_00161_18251_6279.N1	27-AUG-2005 02:50:22	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	18251	No
18	GOM_NL__2PRFIN20050827_030019_000000352040_00161_18251_6280.N1	27-AUG-2005 03:00:19	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18251	No
19	GOM_NL__2PRFIN20050827_031207_000000332040_00161_18251_6281.N1	27-AUG-2005 03:12:07	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	18251	No
20	GOM_NL__2PRFIN20050827_031845_000000372040_00161_18251_6282.N1	27-AUG-2005 03:18:45	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18251	No
21	GOM_NL__2PRFIN20050827_034448_000000352040_00161_18251_6283.N1	27-AUG-2005 03:44:48	Dark	35.000	132	15Rho Pup	2.8030	6900.0	70	18251	No
22	GOM_NL__2PRFIN20050827_034647_000000402040_00161_18251_6284.N1	27-AUG-2005 03:46:47	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18251	No
23	GOM_NL__2PRFIN20050827_034909_000000412040_00161_18251_6285.N1	27-AUG-2005 03:49:09	Dark	41.000	70	Zet Pup	2.2460	39000.	82	18251	No
24	GOM_NL__2PRFIN20050827_035405_000000432040_00161_18251_6286.N1	27-AUG-2005 03:54:05	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18251	No
25	GOM_NL__2PRFIN20050827_040441_000000382040_00162_18252_6277.N1	27-AUG-2005 04:04:41	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18252	No
26	GOM_NL__2PRFIN20050827_041013_000000402040_00162_18252_6278.N1	27-AUG-2005 04:10:13	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18252	No
27	GOM_NL__2PRFIN20050827_041222_000000422040_00162_18252_6279.N1	27-AUG-2005 04:12:22	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	18252	No
28	GOM_NL__2PRFIN20050827_043059_000000382040_00162_18252_6280.N1	27-AUG-2005 04:30:59	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18252	No
29	GOM_NL__2PRFIN20050827_044056_000000352040_00162_18252_6281.N1	27-AUG-2005 04:40:56	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18252	No
30	GOM_NL__2PRFIN20050827_045244_000000342040_00162_18252_6282.N1	27-AUG-2005 04:52:44	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18252	No
31	GOM_NL__2PRFIN20050827_045922_000000382040_00162_18252_6283.N1	27-AUG-2005 04:59:22	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	18252	No
32	GOM_NL__2PRFIN20050827_052524_000000362040_00162_18252_6284.N1	27-AUG-2005 05:25:24	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18252	No
33	GOM_NL__2PRFIN20050827_052723_000000402040_00162_18252_6285.N1	27-AUG-2005 05:27:23	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18252	No
34	GOM_NL__2PRFIN20050827_052945_000000402040_00162_18252_6286.N1	27-AUG-2005 05:29:45	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18252	No
35	GOM_NL__2PRFIN20050827_053441_000000442040_00162_18252_6287.N1	27-AUG-2005 05:34:41	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18252	No
36	GOM_NL__2PRFIN20050827_054517_000000402040_00163_18253_6278.N1	27-AUG-2005 05:45:17	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	18253	No
37	GOM_NL__2PRFIN20050827_055049_000000472040_00163_18253_6279.N1	27-AUG-2005 05:50:49	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	18253	No
38	GOM_NL__2PRFIN20050827_055258_000000392040_00163_18253_6280.N1	27-AUG-2005 05:52:58	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	18253	No
39	GOM_NL__2PRFIN20050827_061135_000000372040_00163_18253_6281.N1	27-AUG-2005 06:11:35	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18253	No
40	GOM_NL__2PRFIN20050827_062132_000000362040_00163_18253_6282.N1	27-AUG-2005 06:21:32	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18253	No
41	GOM_NL__2PRFIN20050827_063320_000000362040_00163_18253_6283.N1	27-AUG-2005 06:33:20	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18253	No
42	GOM_NL__2PRFIN20050827_063958_000000362040_00163_18253_6284.N1	27-AUG-2005 06:39:58	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18253	No

43	GOM_NL__2PRFIN20050827_070600_000000372040_00163_18253_6285.N1	27-AUG-2005 07:06:00	Dark	36.500	132	15Rho Pup	2.8030	6900.0	73	18253	No
44	GOM_NL__2PRFIN20050827_070800_000000412040_00163_18253_6286.N1	27-AUG-2005 07:08:00	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18253	No
45	GOM_NL__2PRFIN20050827_071021_000000392040_00163_18253_6287.N1	27-AUG-2005 07:10:21	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18253	No
46	GOM_NL__2PRFIN20050827_071517_000000482040_00163_18253_6288.N1	27-AUG-2005 07:15:17	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	18253	No
47	GOM_NL__2PRFIN20050827_072553_000000382040_00164_18254_6279.N1	27-AUG-2005 07:25:53	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18254	No
48	GOM_NL__2PRFIN20050827_073126_000000382040_00164_18254_6280.N1	27-AUG-2005 07:31:26	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18254	No
49	GOM_NL__2PRFIN20050827_073334_000000392040_00164_18254_6281.N1	27-AUG-2005 07:33:34	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	18254	No
50	GOM_NL__2PRFIN20050827_075211_000000362040_00164_18254_6282.N1	27-AUG-2005 07:52:11	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18254	No
51	GOM_NL__2PRFIN20050827_080208_000000352040_00164_18254_6283.N1	27-AUG-2005 08:02:08	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18254	No
52	GOM_NL__2PRFIN20050827_081356_000000352040_00164_18254_6284.N1	27-AUG-2005 08:13:56	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18254	No
53	GOM_NL__2PRFIN20050827_082034_000000352040_00164_18254_6285.N1	27-AUG-2005 08:20:34	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18254	No
54	GOM_NL__2PRFIN20050827_084636_000000362040_00164_18254_6286.N1	27-AUG-2005 08:46:36	Dark	35.500	132	15Rho Pup	2.8030	6900.0	71	18254	No
55	GOM_NL__2PRFIN20050827_084836_000000402040_00164_18254_6287.N1	27-AUG-2005 08:48:36	Dark	39.500	88	31Eta CMa	2.4480	20000.	79	18254	No
56	GOM_NL__2PRFIN20050827_085057_000000372040_00164_18254_6288.N1	27-AUG-2005 08:50:57	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18254	No
57	GOM_NL__2PRFIN20050827_085554_000000442040_00164_18254_6289.N1	27-AUG-2005 08:55:54	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	18254	No
58	GOM_NL__2PRFIN20050827_090630_000000362040_00165_18255_6280.N1	27-AUG-2005 09:06:30	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	18255	No
59	GOM_NL__2PRFIN20050827_091202_000000422040_00165_18255_6281.N1	27-AUG-2005 09:12:02	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	18255	No
60	GOM_NL__2PRFIN20050827_091410_000000412040_00165_18255_6282.N1	27-AUG-2005 09:14:10	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	18255	No
61	GOM_NL__2PRFIN20050827_093247_000000392040_00165_18255_6283.N1	27-AUG-2005 09:32:47	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18255	No
62	GOM_NL__2PRFIN20050827_094244_000000352040_00165_18255_6284.N1	27-AUG-2005 09:42:44	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18255	No
63	GOM_NL__2PRFIN20050827_095433_000000372040_00165_18255_6285.N1	27-AUG-2005 09:54:33	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18255	No
64	GOM_NL__2PRFIN20050827_100111_000000362040_00165_18255_6286.N1	27-AUG-2005 10:01:11	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18255	No
65	GOM_NL__2PRFIN20050827_102712_000000402040_00165_18255_6287.N1	27-AUG-2005 10:27:12	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	18255	No
66	GOM_NL__2PRFIN20050827_102912_000000412040_00165_18255_6288.N1	27-AUG-2005 10:29:12	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18255	No
67	GOM_NL__2PRFIN20050827_103133_000000372040_00165_18255_6289.N1	27-AUG-2005 10:31:33	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18255	No
68	GOM_NL__2PRFIN20050827_103630_000000522040_00165_18255_6290.N1	27-AUG-2005 10:36:30	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18255	No
69	GOM_NL__2PRFIN20050827_104706_000000382040_00166_18256_6281.N1	27-AUG-2005 10:47:06	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18256	No
70	GOM_NL__2PRFIN20050827_105238_000000472040_00166_18256_6282.N1	27-AUG-2005 10:52:38	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	18256	No
71	GOM_NL__2PRFIN20050827_105446_000000362040_00166_18256_6283.N1	27-AUG-2005 10:54:46	Straylight	36.000	45	Alp Pav	1.9400	26000.	72	18256	No
72	GOM_NL__2PRFIN20050827_111323_000000392040_00166_18256_6284.N1	27-AUG-2005 11:13:23	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18256	No
73	GOM_NL__2PRFIN20050827_112143_000000252040_00166_18256_6285.N1	27-AUG-2005 11:21:43	Bright	25.000	66	37Gam Cyg	2.2080	5900.0	50	18256	No
74	GOM_NL__2PRFIN20050827_112320_000000352040_00166_18256_6286.N1	27-AUG-2005 11:23:20	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18256	No
75	GOM_NL__2PRFIN20050827_113509_000000362040_00166_18256_6287.N1	27-AUG-2005 11:35:09	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18256	No
76	GOM_NL__2PRFIN20050827_114147_000000372040_00166_18256_6288.N1	27-AUG-2005 11:41:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18256	No
77	GOM_NL__2PRFIN20050827_120749_000000392040_00166_18256_6289.N1	27-AUG-2005 12:07:49	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18256	No
78	GOM_NL__2PRFIN20050827_120948_000000392040_00166_18256_6290.N1	27-AUG-2005 12:09:48	Dark	38.500	88	31Eta CMa	2.4480	20000.	77	18256	No
79	GOM_NL__2PRFIN20050827_121209_000000372040_00166_18256_6291.N1	27-AUG-2005 12:12:09	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18256	No
80	GOM_NL__2PRFIN20050827_121706_000000512040_00166_18256_6292.N1	27-AUG-2005 12:17:06	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	18256	No
81	GOM_NL__2PRFIN20050827_122742_000000372040_00167_18257_6281.N1	27-AUG-2005 12:27:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18257	No
82	GOM_NL__2PRFIN20050827_123314_000000392040_00167_18257_6282.N1	27-AUG-2005 12:33:14	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18257	No
83	GOM_NL__2PRFIN20050827_123522_000000372040_00167_18257_6283.N1	27-AUG-2005 12:35:22	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	18257	No
84	GOM_NL__2PRFIN20050827_125359_000000362040_00167_18257_6284.N1	27-AUG-2005 12:53:59	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18257	No
85	GOM_NL__2PRFIN20050827_130219_000000252040_00167_18257_6285.N1	27-AUG-2005 13:02:19	Bright	25.000	66	37Gam Cyg	2.2080	5900.0	50	18257	No
86	GOM_NL__2PRFIN20050827_130356_000000352040_00167_18257_6286.N1	27-AUG-2005 13:03:56	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18257	No
87	GOM_NL__2PRFIN20050827_131545_000000372040_00167_18257_6287.N1	27-AUG-2005 13:15:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18257	No
88	GOM_NL__2PRFIN20050827_132223_000000352040_00167_18257_6288.N1	27-AUG-2005 13:22:23	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18257	No
89	GOM_NL__2PRFIN20050827_134824_000000412040_00167_18257_6289.N1	27-AUG-2005 13:48:24	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	18257	No
90	GOM_NL__2PRFIN20050827_135025_000000402040_00167_18257_6290.N1	27-AUG-2005 13:50:25	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18257	No
91	GOM_NL__2PRFIN20050827_135245_000000412040_00167_18257_6291.N1	27-AUG-2005 13:52:45	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18257	No
92	GOM_NL__2PRFIN20050827_135742_000000482040_00167_18257_6292.N1	27-AUG-2005 13:57:42	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18257	No
93	GOM_NL__2PRFIN20050827_140818_000000372040_00168_18258_6281.N1	27-AUG-2005 14:08:18	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18258	No
94	GOM_NL__2PRFIN20050827_141350_000000402040_00168_18258_6282.N1	27-AUG-2005 14:13:50	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18258	No
95	GOM_NL__2PRFIN20050827_141558_000000372040_00168_18258_6283.N1	27-AUG-2005 14:15:58	Straylight	36.500	45	Alp Pav	1.9400	26000.	73	18258	No
96	GOM_NL__2PRFIN20050827_143436_000000352040_00168_18258_6284.N1	27-AUG-2005 14:34:36	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	18258	No
97	GOM_NL__2PRFIN20050827_144255_000000372040_00168_18258_6285.N1	27-AUG-2005 14:42:55	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18258	No
98	GOM_NL__2PRFIN20050827_144432_000000352040_00168_18258_6286.N1	27-AUG-2005 14:44:32	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18258	No
99	GOM_NL__2PRFIN20050827_145621_000000392040_00168_18258_6287.N1	27-AUG-2005 14:56:21	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	18258	No
100	GOM_NL__2PRFIN20050827_150259_000000362040_00168_18258_6288.N1	27-AUG-2005 15:02:59	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18258	No
101	GOM_NL__2PRFIN20050827_152901_000000382040_00168_18258_6289.N1	27-AUG-2005 15:29:01	Dark	38.000	132	15Rho Pup	2.8030	6900.0	76	18258	No

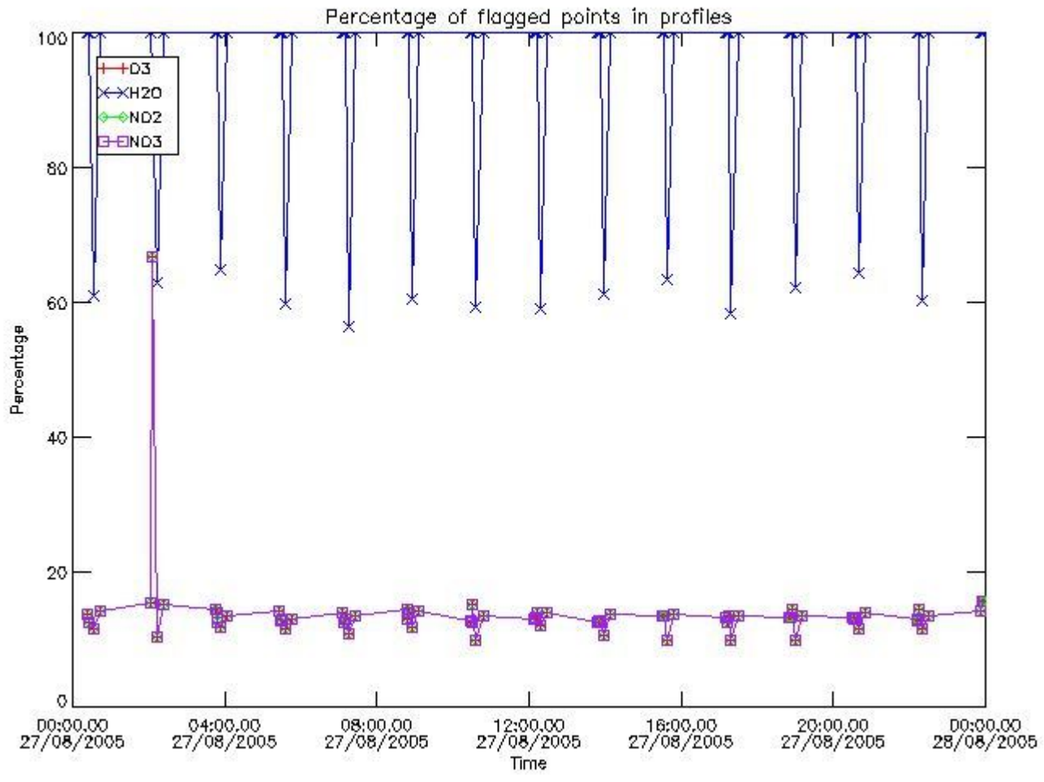
102	GOM_NL__2PRFIN20050827_153101_000000382040_00168_18258_6290.N1	27-AUG-2005 15:31:01	Dark	37.500	88	31Eta CMa	2.4480	20000.	75	18258	No
103	GOM_NL__2PRFIN20050827_153321_000000382040_00168_18258_6291.N1	27-AUG-2005 15:33:21	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18258	No
104	GOM_NL__2PRFIN20050827_153819_000000512040_00168_18258_6292.N1	27-AUG-2005 15:38:19	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	18258	No
105	GOM_NL__2PRFIN20050827_154854_000000372040_00169_18259_6281.N1	27-AUG-2005 15:48:54	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18259	No
106	GOM_NL__2PRFIN20050827_155426_000000382040_00169_18259_6282.N1	27-AUG-2005 15:54:26	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18259	No
107	GOM_NL__2PRFIN20050827_155634_000000382040_00169_18259_6283.N1	27-AUG-2005 15:56:34	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18259	No
108	GOM_NL__2PRFIN20050827_161512_000000362040_00169_18259_6284.N1	27-AUG-2005 16:15:12	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18259	No
109	GOM_NL__2PRFIN20050827_162331_000000372040_00169_18259_6285.N1	27-AUG-2005 16:23:31	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18259	No
110	GOM_NL__2PRFIN20050827_162508_000000352040_00169_18259_6286.N1	27-AUG-2005 16:25:08	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18259	No
111	GOM_NL__2PRFIN20050827_163658_000000372040_00169_18259_6287.N1	27-AUG-2005 16:36:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18259	No
112	GOM_NL__2PRFIN20050827_164336_000000442040_00169_18259_6288.N1	27-AUG-2005 16:43:36	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	18259	No
113	GOM_NL__2PRFIN20050827_170937_000000392040_00169_18259_6289.N1	27-AUG-2005 17:09:37	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18259	No
114	GOM_NL__2PRFIN20050827_171137_000000412040_00169_18259_6290.N1	27-AUG-2005 17:11:37	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18259	No
115	GOM_NL__2PRFIN20050827_171357_000000382040_00169_18259_6291.N1	27-AUG-2005 17:13:57	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18259	No
116	GOM_NL__2PRFIN20050827_171855_000000522040_00169_18259_6292.N1	27-AUG-2005 17:18:55	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18259	No
117	GOM_NL__2PRFIN20050827_172930_000000382040_00170_18260_6281.N1	27-AUG-2005 17:29:30	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18260	No
118	GOM_NL__2PRFIN20050827_173503_000000462040_00170_18260_6282.N1	27-AUG-2005 17:35:03	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	18260	No
119	GOM_NL__2PRFIN20050827_173710_000000382040_00170_18260_6283.N1	27-AUG-2005 17:37:10	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	18260	No
120	GOM_NL__2PRFIN20050827_175548_000000392040_00170_18260_6284.N1	27-AUG-2005 17:55:48	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18260	No
121	GOM_NL__2PRFIN20050827_180407_000000362040_00170_18260_6285.N1	27-AUG-2005 18:04:07	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18260	No
122	GOM_NL__2PRFIN20050827_180544_000000362040_00170_18260_6286.N1	27-AUG-2005 18:05:44	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18260	No
123	GOM_NL__2PRFIN20050827_181734_000000372040_00170_18260_6287.N1	27-AUG-2005 18:17:34	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18260	No
124	GOM_NL__2PRFIN20050827_182412_000000372040_00170_18260_6288.N1	27-AUG-2005 18:24:12	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18260	No
125	GOM_NL__2PRFIN20050827_185013_000000392040_00170_18260_6289.N1	27-AUG-2005 18:50:13	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18260	No
126	GOM_NL__2PRFIN20050827_185214_000000392040_00170_18260_6290.N1	27-AUG-2005 18:52:14	Dark	38.500	88	31Eta CMa	2.4480	20000.	77	18260	No
127	GOM_NL__2PRFIN20050827_185433_000000392040_00170_18260_6291.N1	27-AUG-2005 18:54:33	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18260	No
128	GOM_NL__2PRFIN20050827_185931_000000522040_00170_18260_6292.N1	27-AUG-2005 18:59:31	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	18260	No
129	GOM_NL__2PRFIN20050827_191006_000000382040_00171_18261_6281.N1	27-AUG-2005 19:10:06	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18261	No
130	GOM_NL__2PRFIN20050827_191539_000000392040_00171_18261_6282.N1	27-AUG-2005 19:15:39	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18261	No
131	GOM_NL__2PRFIN20050827_191747_000000382040_00171_18261_6283.N1	27-AUG-2005 19:17:47	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	18261	No
132	GOM_NL__2PRFIN20050827_193624_000000362040_00171_18261_6284.N1	27-AUG-2005 19:36:24	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18261	No
133	GOM_NL__2PRFIN20050827_194443_000000362040_00171_18261_6285.N1	27-AUG-2005 19:44:43	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18261	No
134	GOM_NL__2PRFIN20050827_194621_000000352040_00171_18261_6286.N1	27-AUG-2005 19:46:21	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18261	No
135	GOM_NL__2PRFIN20050827_195810_000000372040_00171_18261_6287.N1	27-AUG-2005 19:58:10	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18261	No
136	GOM_NL__2PRFIN20050827_200448_000000362040_00171_18261_6288.N1	27-AUG-2005 20:04:48	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18261	No
137	GOM_NL__2PRFIN20050827_203049_000000392040_00171_18261_6289.N1	27-AUG-2005 20:30:49	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18261	No
138	GOM_NL__2PRFIN20050827_203250_000000402040_00171_18261_6290.N1	27-AUG-2005 20:32:50	Dark	39.500	88	31Eta CMa	2.4480	20000.	79	18261	No
139	GOM_NL__2PRFIN20050827_203509_000000392040_00171_18261_6291.N1	27-AUG-2005 20:35:09	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18261	No
140	GOM_NL__2PRFIN20050827_204008_000000482040_00171_18261_6292.N1	27-AUG-2005 20:40:08	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	18261	No
141	GOM_NL__2PRFIN20050827_205042_000000372040_00172_18262_6281.N1	27-AUG-2005 20:50:42	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18262	No
142	GOM_NL__2PRFIN20050827_205615_000000382040_00172_18262_6282.N1	27-AUG-2005 20:56:15	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18262	No
143	GOM_NL__2PRFIN20050827_211700_000000372040_00172_18262_6283.N1	27-AUG-2005 21:17:00	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18262	No
144	GOM_NL__2PRFIN20050827_212519_000000362040_00172_18262_6284.N1	27-AUG-2005 21:25:19	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18262	No
145	GOM_NL__2PRFIN20050827_212657_000000342040_00172_18262_6285.N1	27-AUG-2005 21:26:57	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18262	No
146	GOM_NL__2PRFIN20050827_213846_000000372040_00172_18262_6286.N1	27-AUG-2005 21:38:46	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18262	No
147	GOM_NL__2PRFIN20050827_214524_000000322040_00172_18262_6287.N1	27-AUG-2005 21:45:24	Bright	32.000	36	50Alp UMa	1.8000	6300.0	64	18262	No
148	GOM_NL__2PRFIN20050827_221125_000000392040_00172_18262_6288.N1	27-AUG-2005 22:11:25	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18262	No
149	GOM_NL__2PRFIN20050827_221326_000000402040_00172_18262_6289.N1	27-AUG-2005 22:13:26	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18262	No
150	GOM_NL__2PRFIN20050827_221545_000000392040_00172_18262_6290.N1	27-AUG-2005 22:15:45	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18262	No
151	GOM_NL__2PRFIN20050827_222044_000000452040_00172_18262_6291.N1	27-AUG-2005 22:20:44	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18262	No
152	GOM_NL__2PRFIN20050827_223119_000000382040_00173_18263_6281.N1	27-AUG-2005 22:31:19	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18263	No
153	GOM_NL__2PRFIN20050827_223651_000000372040_00173_18263_6282.N1	27-AUG-2005 22:36:51	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18263	No
154	GOM_NL__2PRFIN20050827_225737_000000372040_00173_18263_6283.N1	27-AUG-2005 22:57:37	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18263	No
155	GOM_NL__2PRFIN20050827_230555_000000362040_00173_18263_6284.N1	27-AUG-2005 23:05:55	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18263	No
156	GOM_NL__2PRFIN20050827_230733_000000352040_00173_18263_6285.N1	27-AUG-2005 23:07:33	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18263	No
157	GOM_NL__2PRFIN20050827_231922_000000342040_00173_18263_6286.N1	27-AUG-2005 23:19:22	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18263	No
158	GOM_NL__2PRFIN20050827_232601_000000372040_00173_18263_6287.N1	27-AUG-2005 23:26:01	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18263	No
159	GOM_NL__2PRFIN20050827_235201_000000362040_00173_18263_6288.N1	27-AUG-2005 23:52:01	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18263	No
160	GOM_NL__2PRFIN20050827_235402_000000392040_00173_18263_6289.N1	27-AUG-2005 23:54:02	Dark	39.000	88	31Eta CMa	2.4480	20000.	78	18263	No

161	GOM_NL__2PRFIN20050827_235621_000000392040_00173_18263_6290.N1	27-AUG-2005 23:56:21	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18263	No

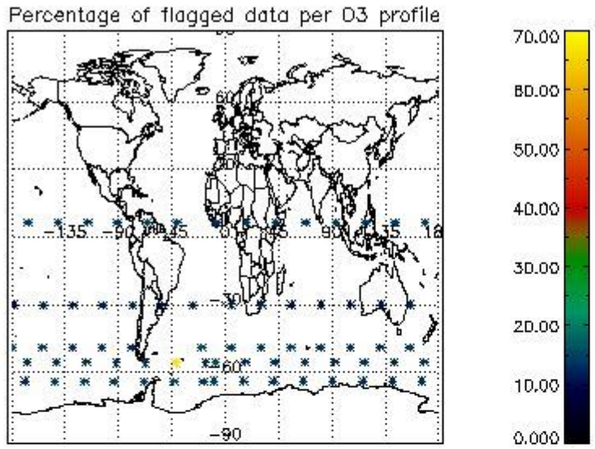
3. Quality information per product

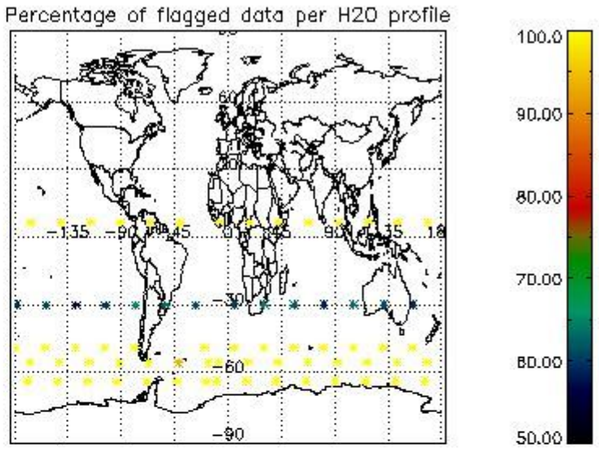
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

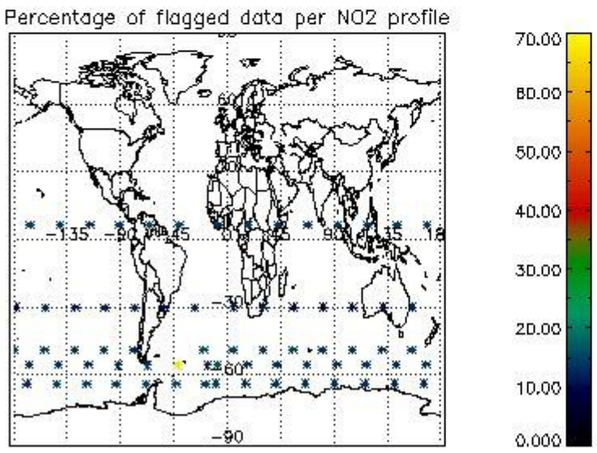
3.1 Plot quality information per product (time dependant)

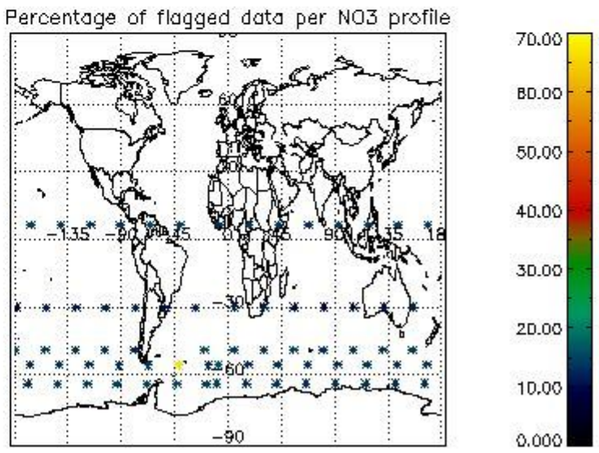


3.2 Plot quality information per product (world map)







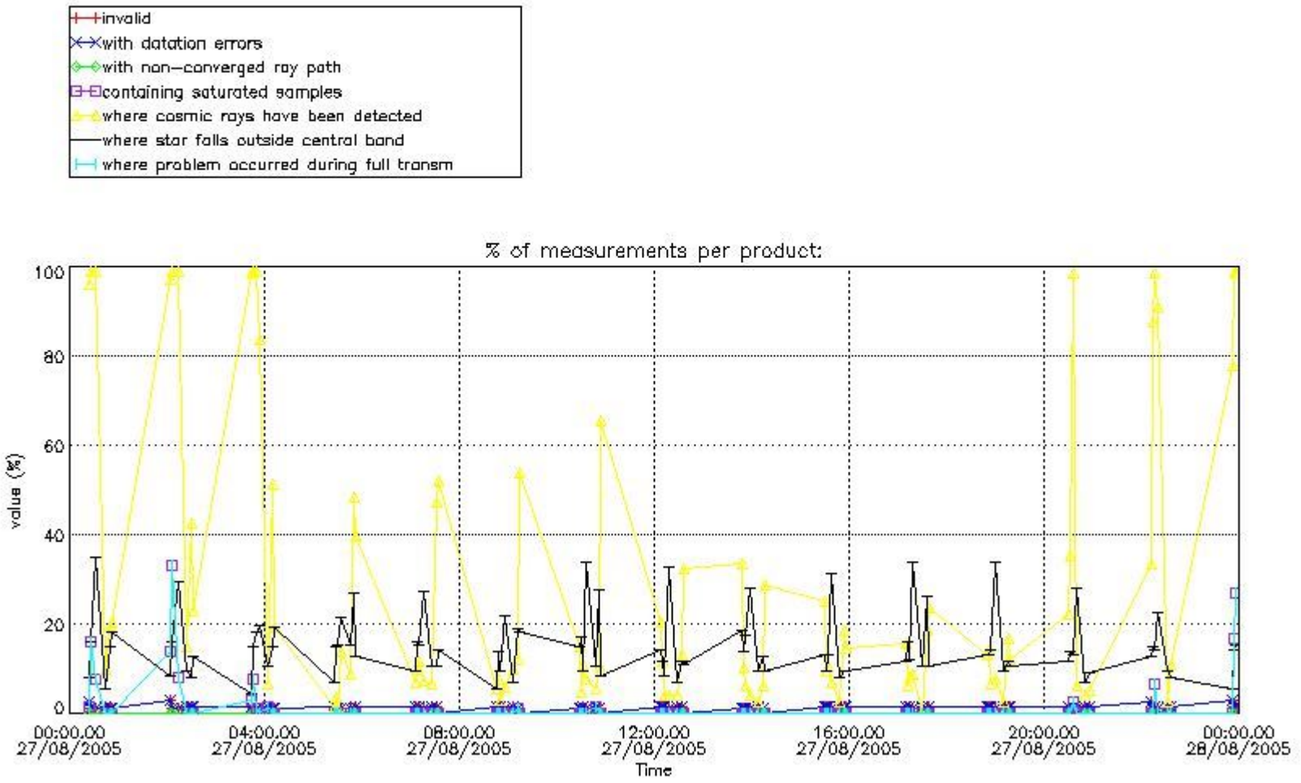


4. Level 1 quality information per product

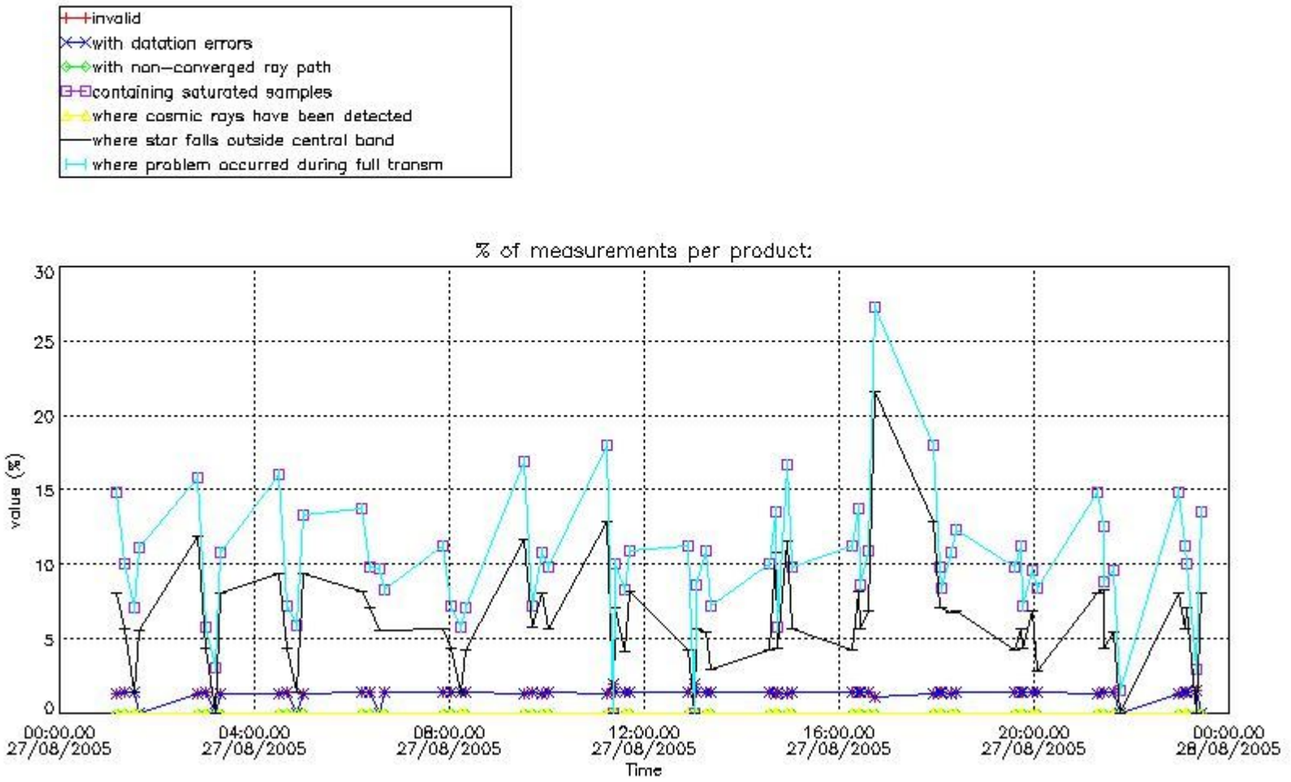
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

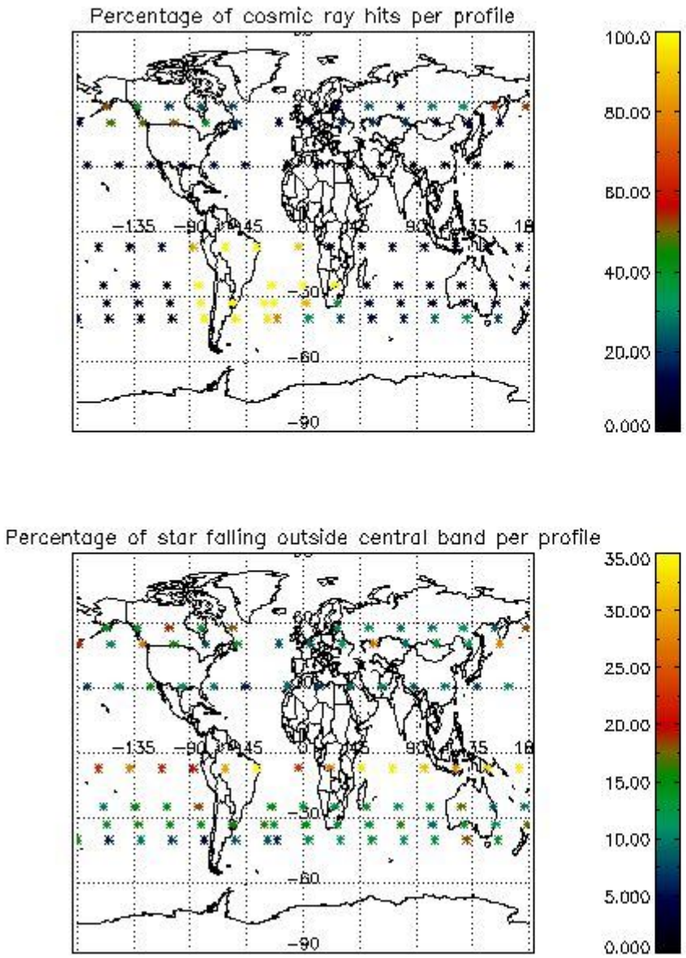


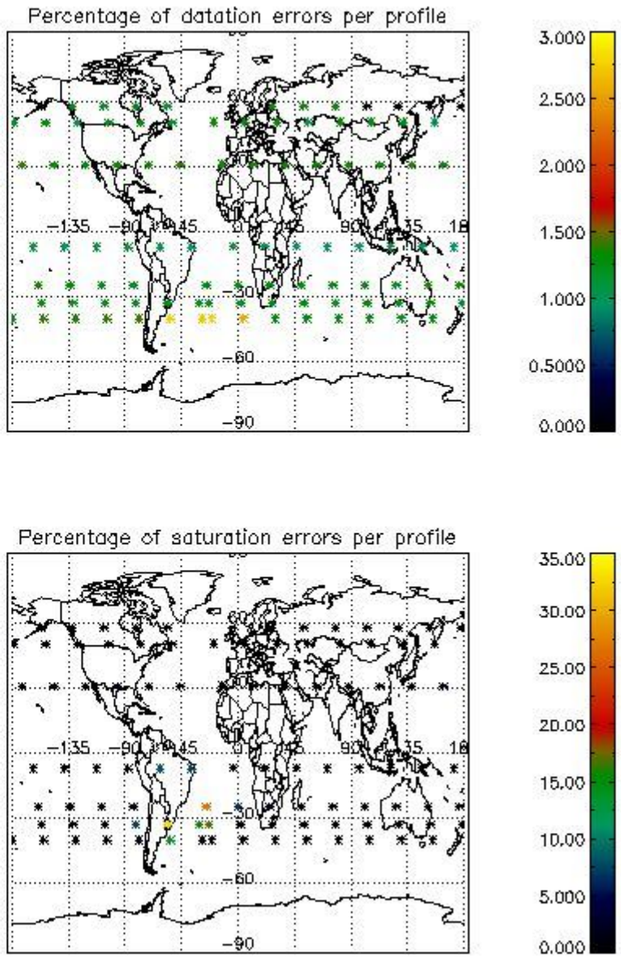
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



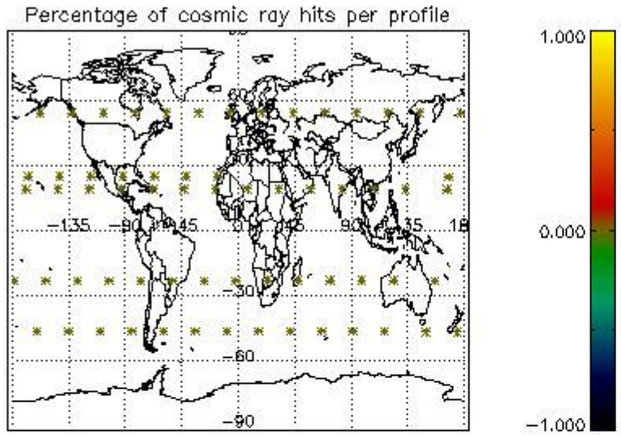
4.2 Plot quality information per product comming from level 1b processing (world map)

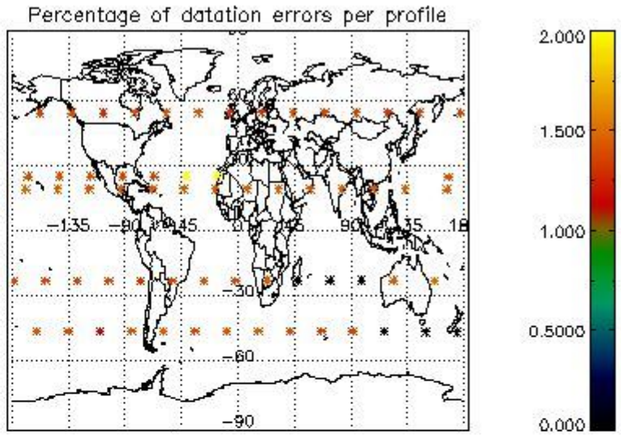
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

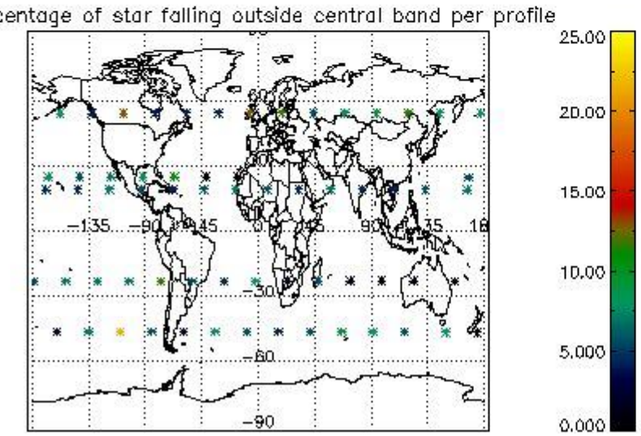


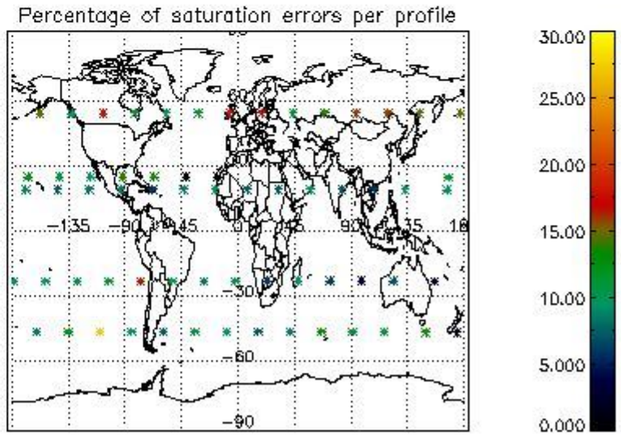


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

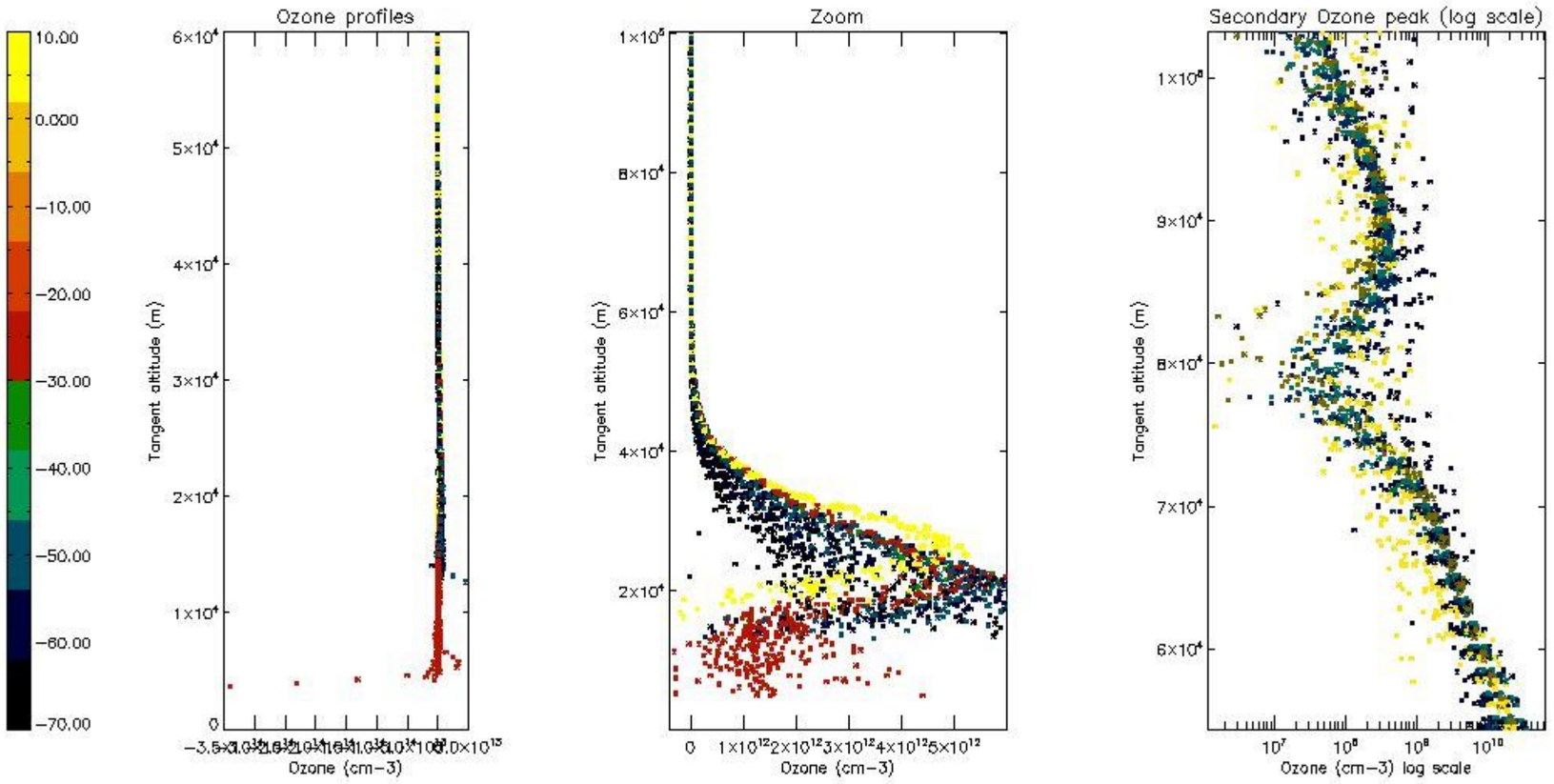
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	47
STD < 20	27

STD < 10	20
STD < 5	12

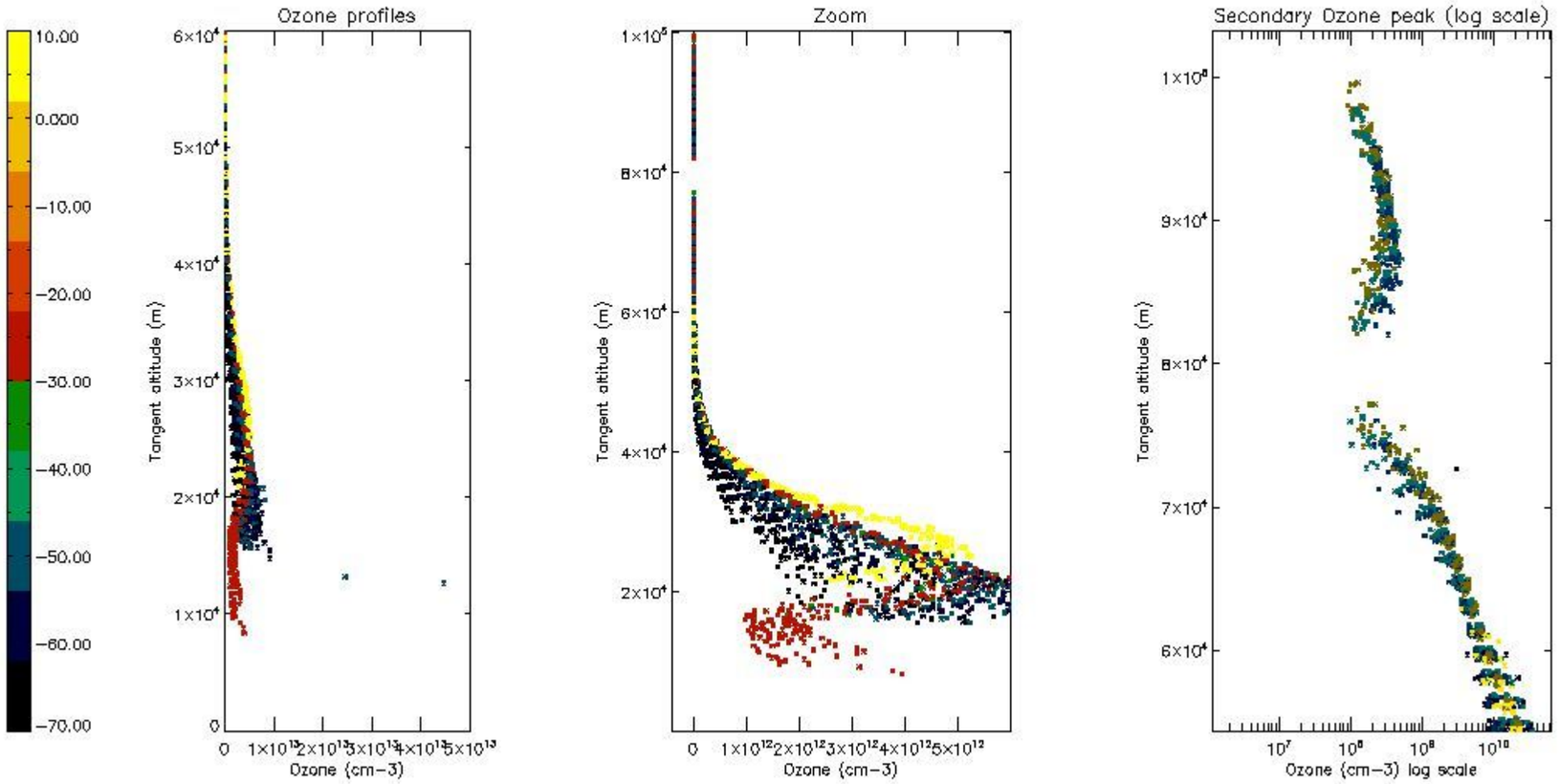
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



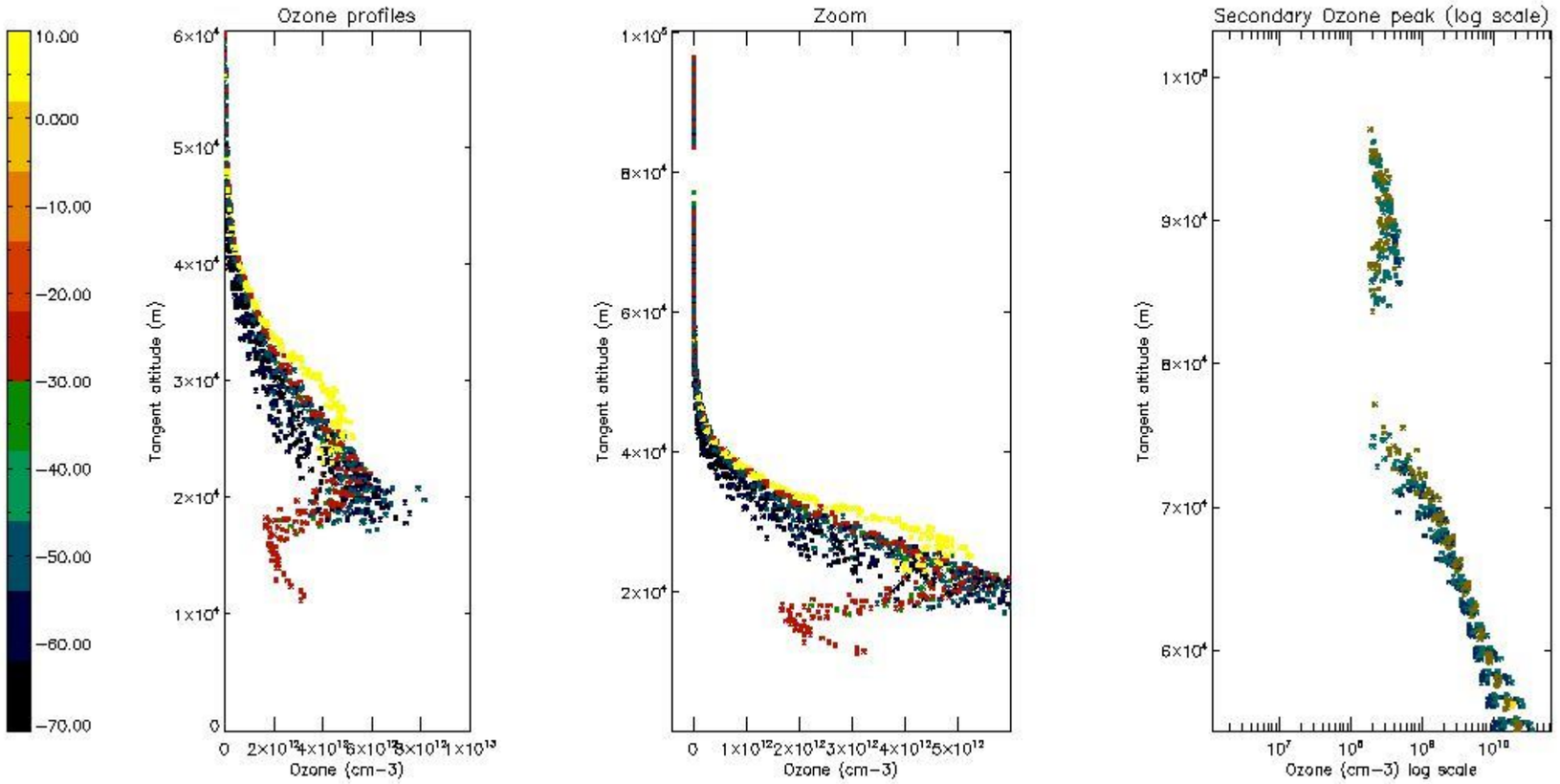
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



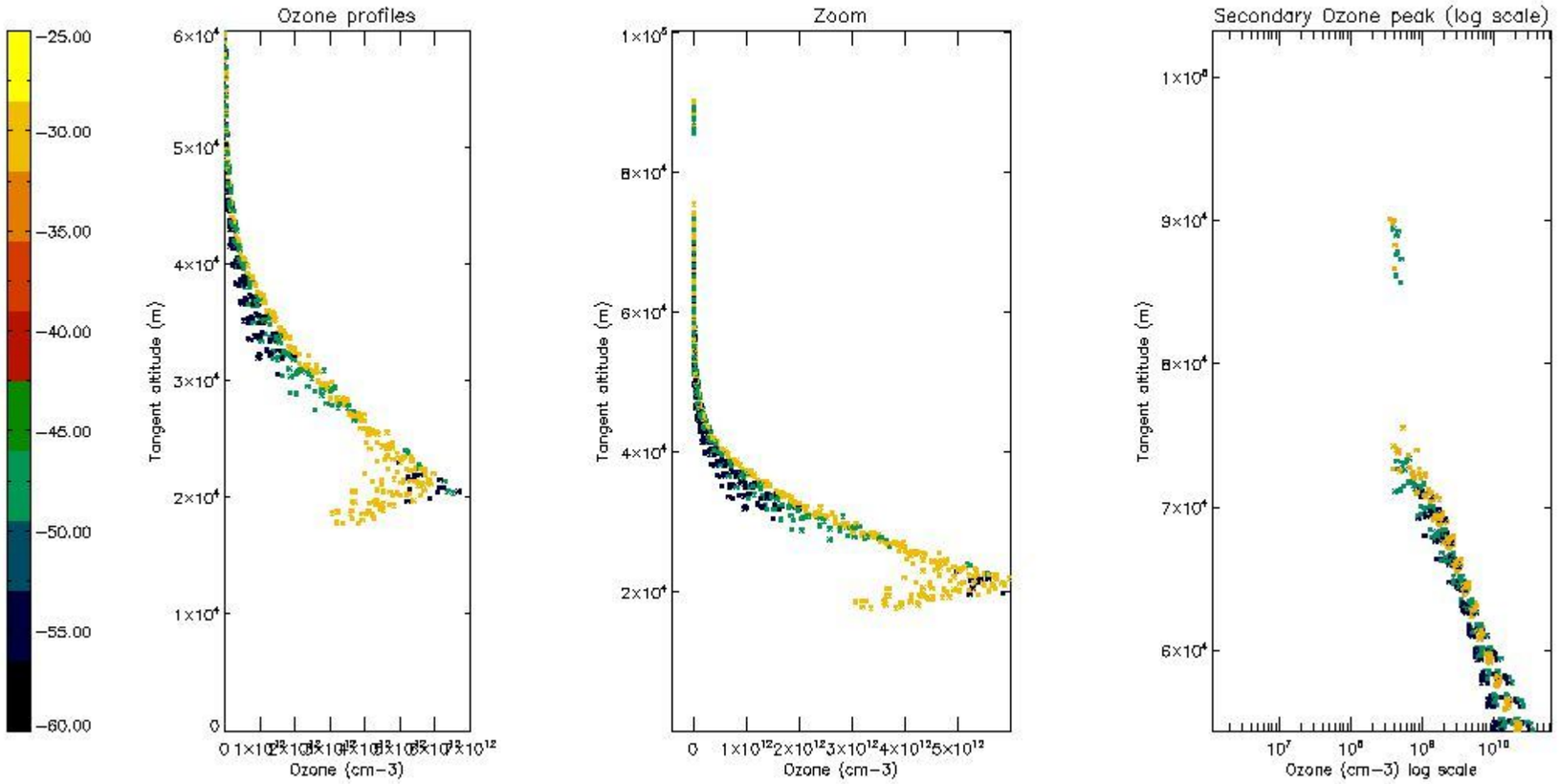
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



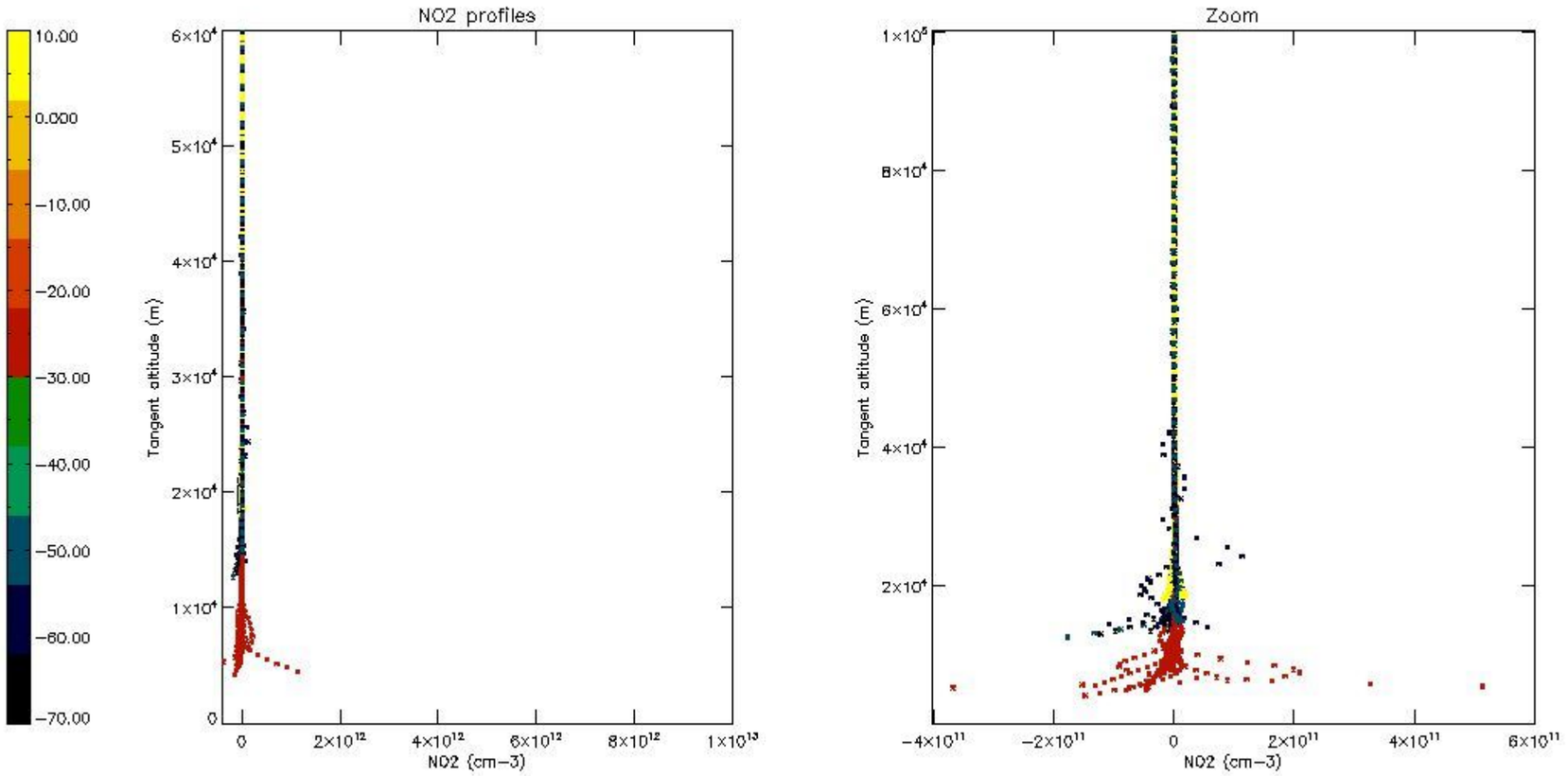
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



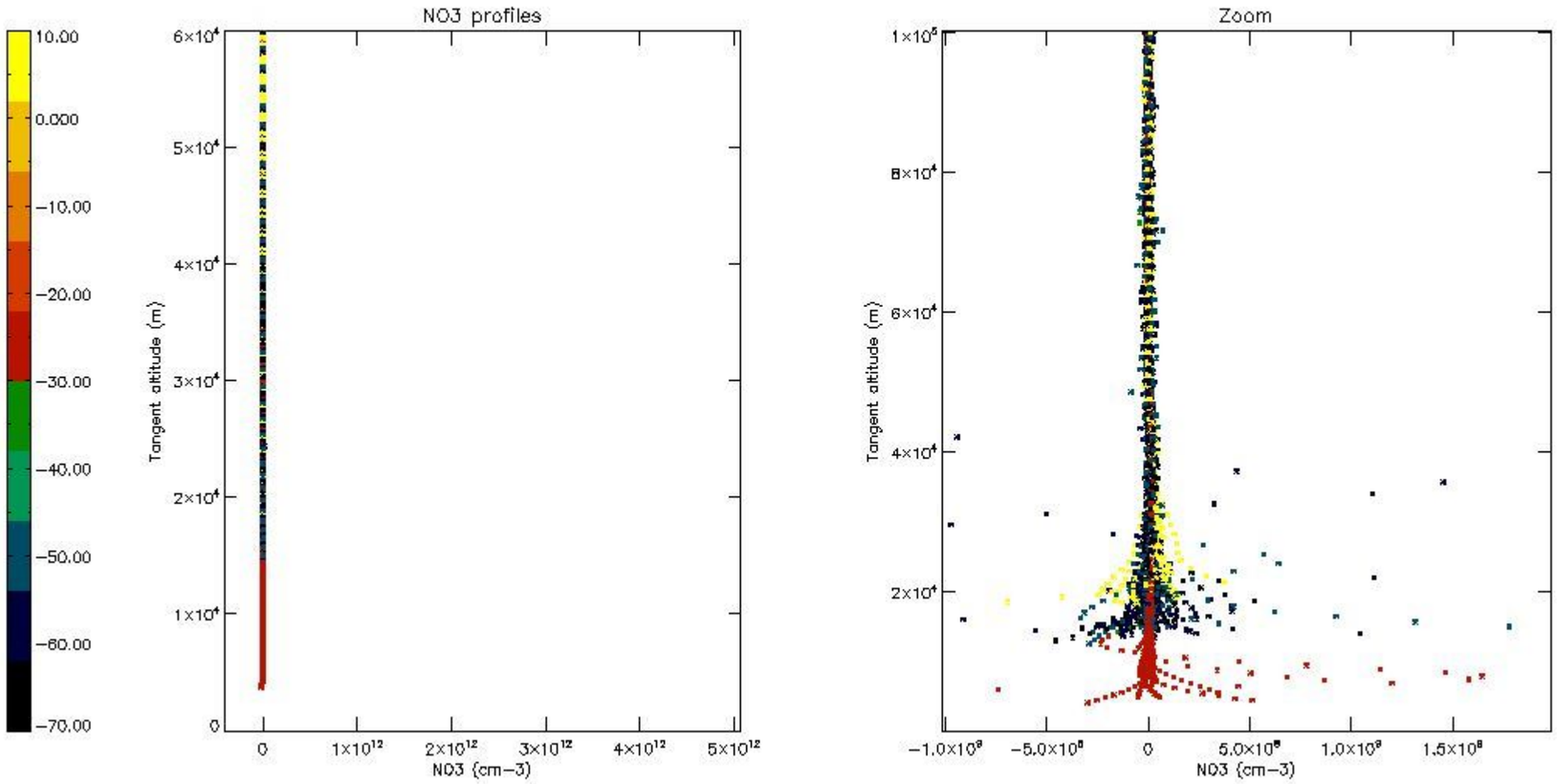
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



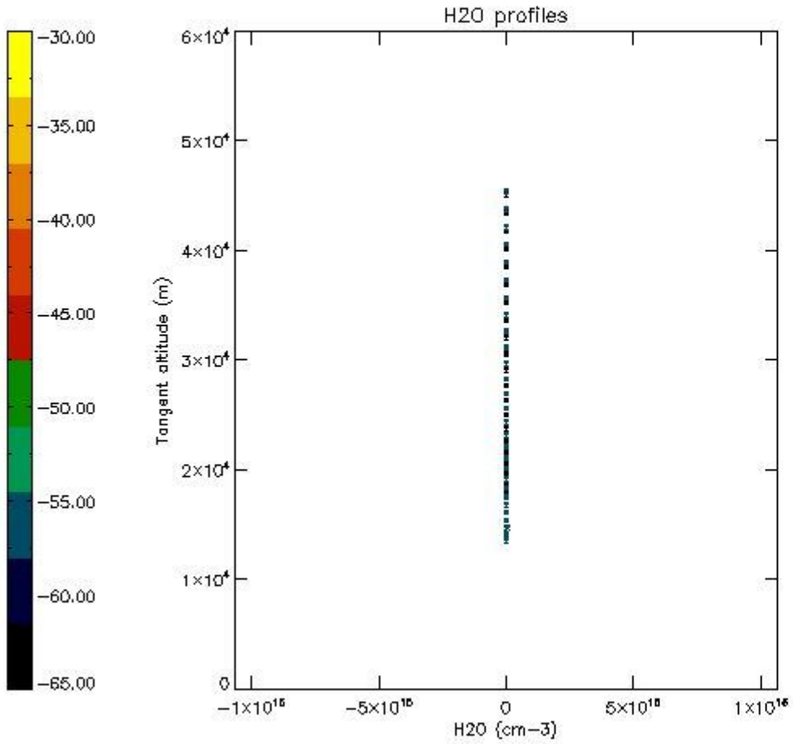
5.7 Plot NO3 profiles for all STD (dark without errors)

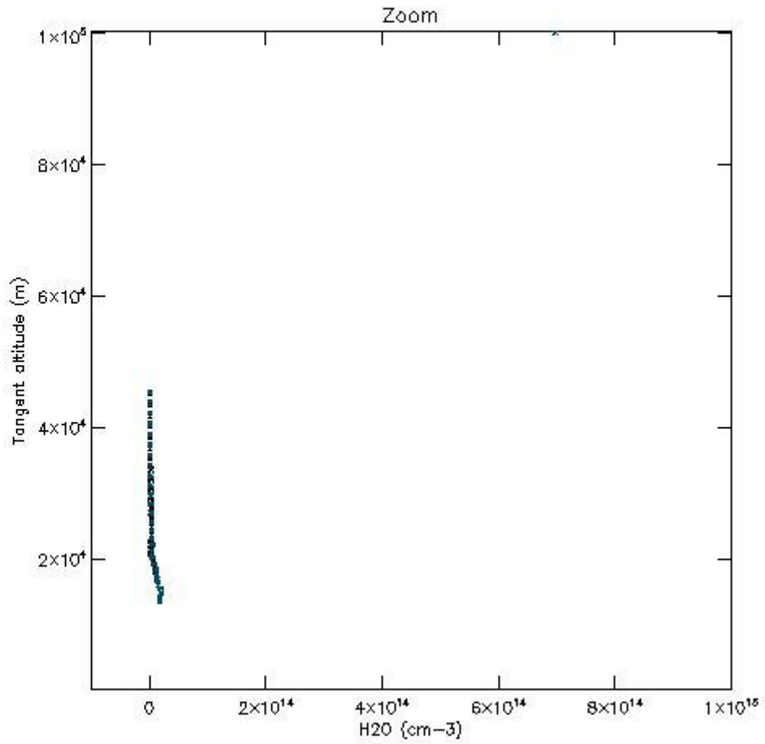
The colorbar represents the latitude.



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

The colorbar represents the latitude.

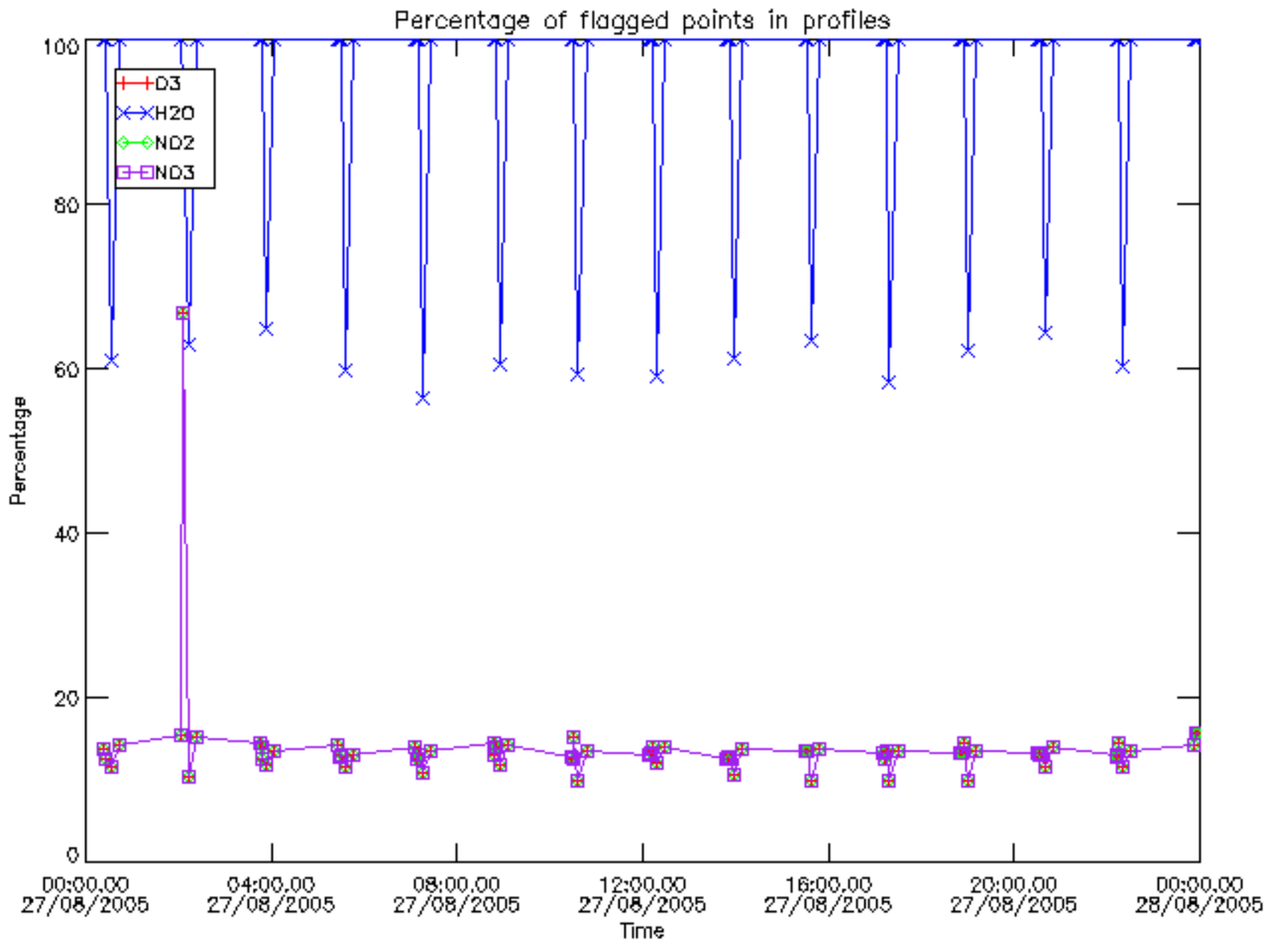




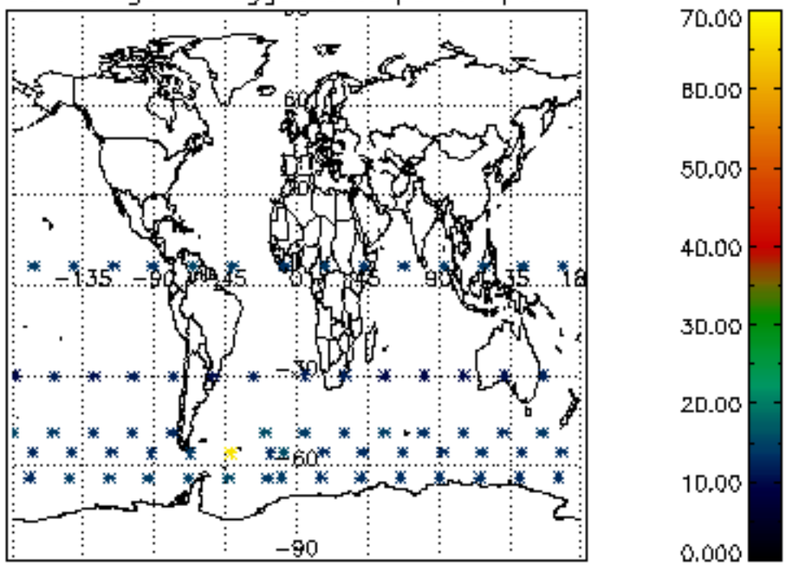
6. Auxiliary Data Files used for the production reported in section 2

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

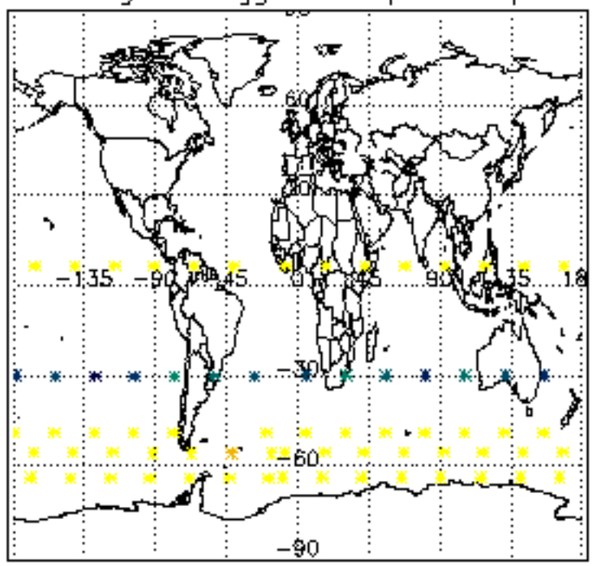
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-AUG-2005 00:23:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-AUG-2005 00:23:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-AUG-2005 00:23:36

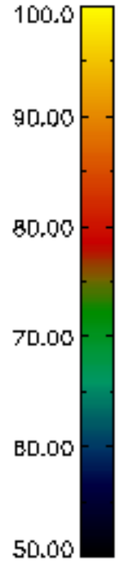

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
27/08/2005
04:00.00
27/08/2005
08:00.00
27/08/2005
12:00.00
27/08/2005
16:00.00
27/08/2005
20:00.00
27/08/2005
00:00.00
28/08/2005
Time

Percentage of flagged data per O3 profile

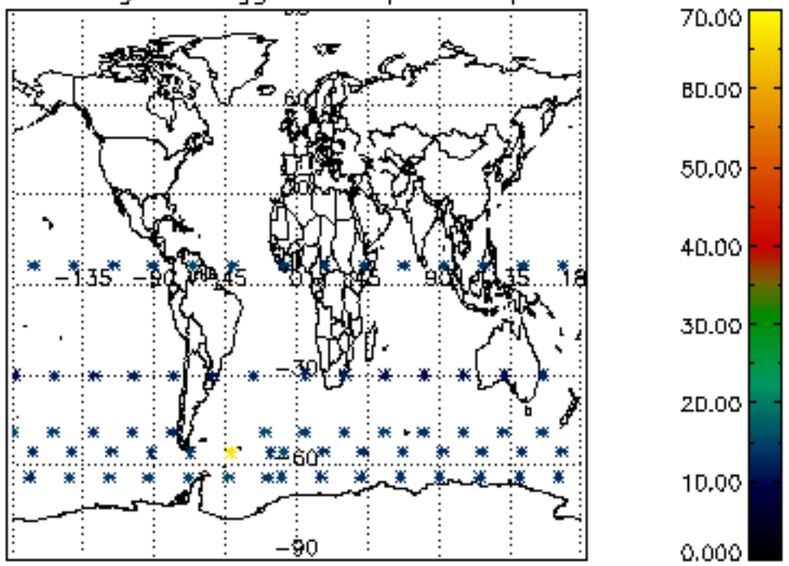


Percentage of flagged data per H2O profile

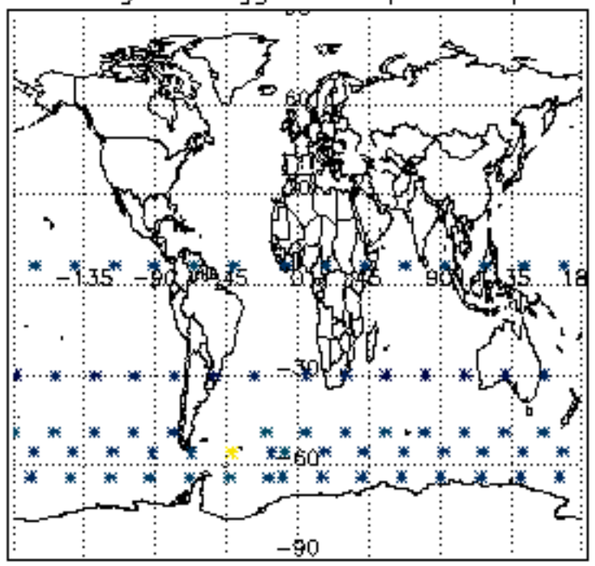


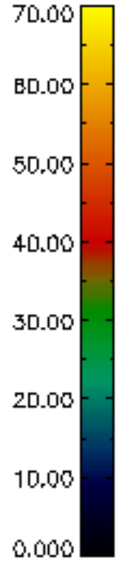


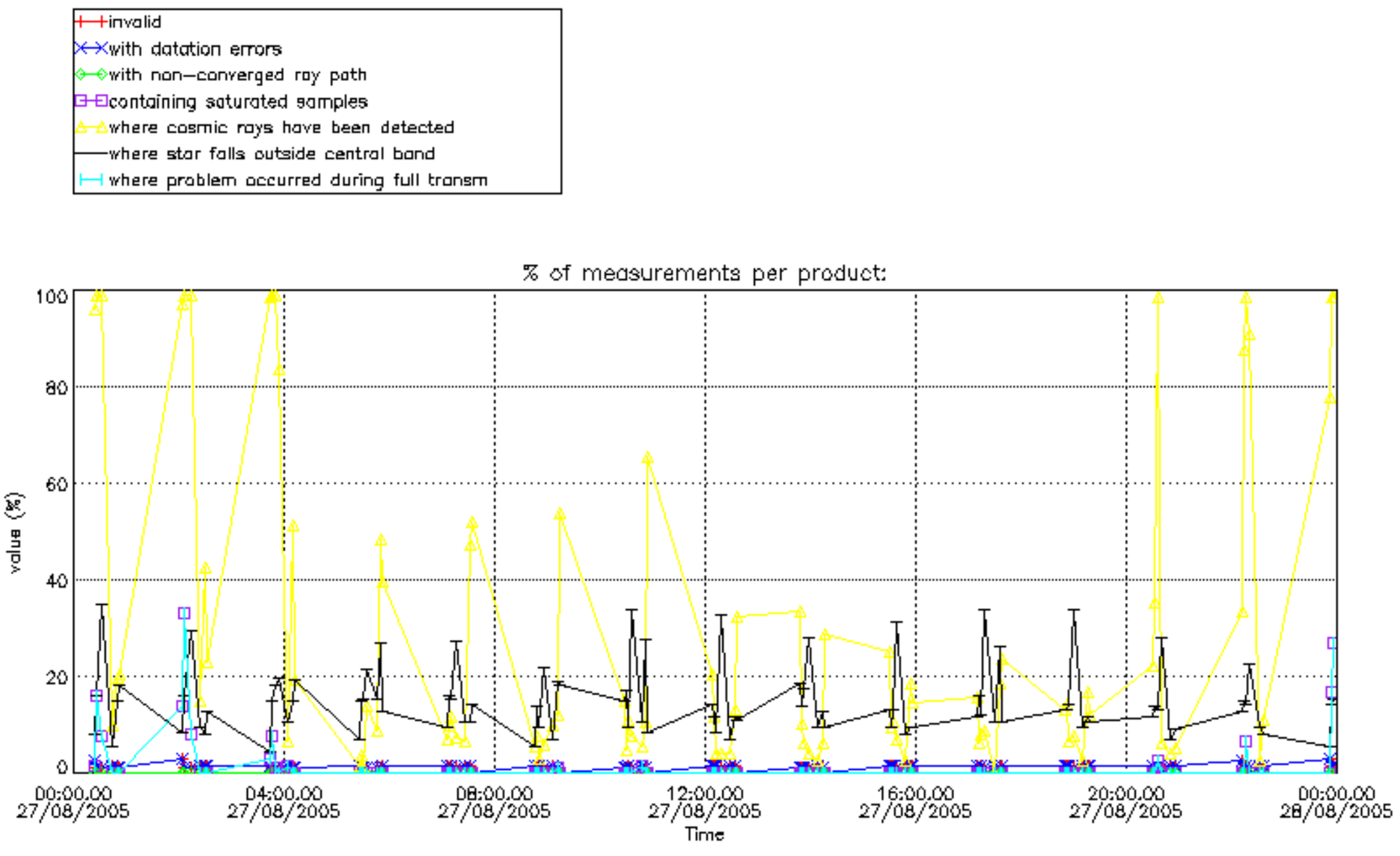
Percentage of flagged data per NO2 profile

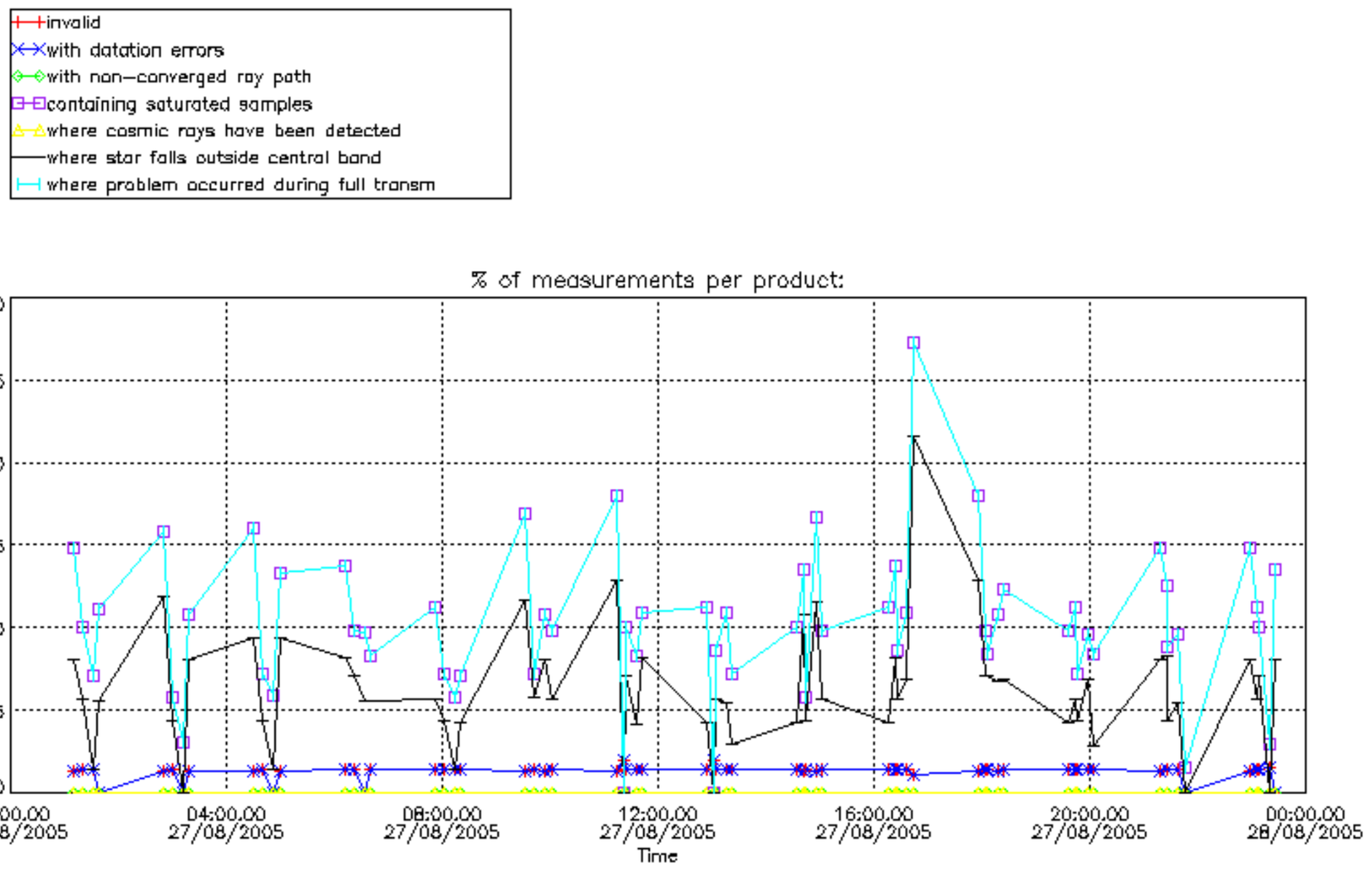


Percentage of flagged data per NO3 profile

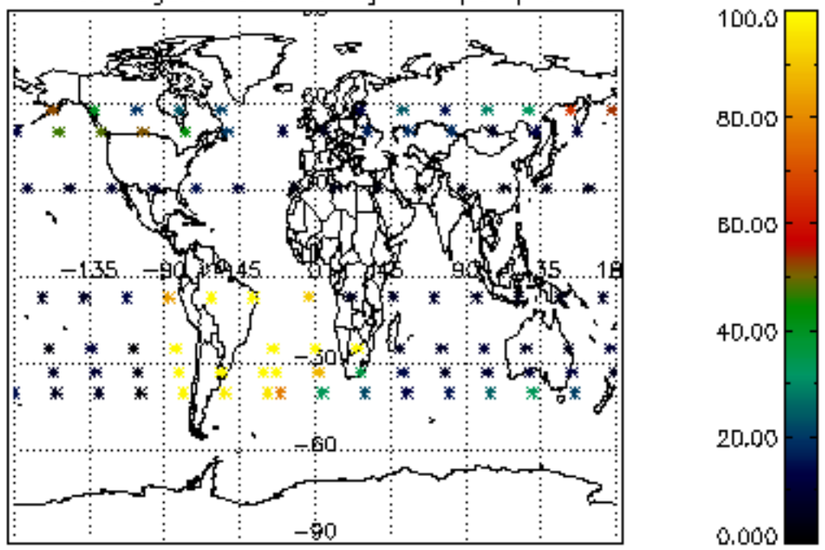




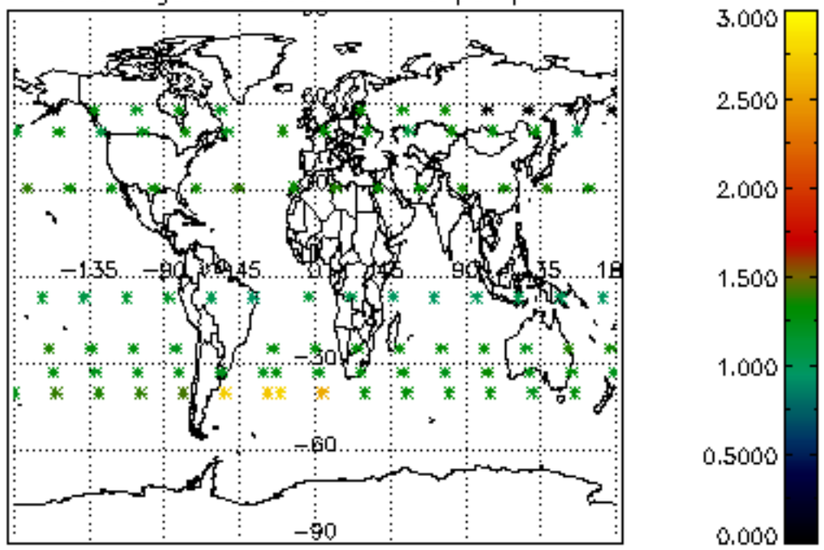

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
27/08/2005
04:00.00
27/08/2005
08:00.00
27/08/2005
12:00.00
27/08/2005
16:00.00
27/08/2005
20:00.00
27/08/2005
00:00.00
28/08/2005
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
00:00.00 27/08/2005
04:00.00 27/08/2005
08:00.00 27/08/2005
12:00.00 27/08/2005
16:00.00 27/08/2005
20:00.00 27/08/2005
00:00.00 28/08/2005
Time

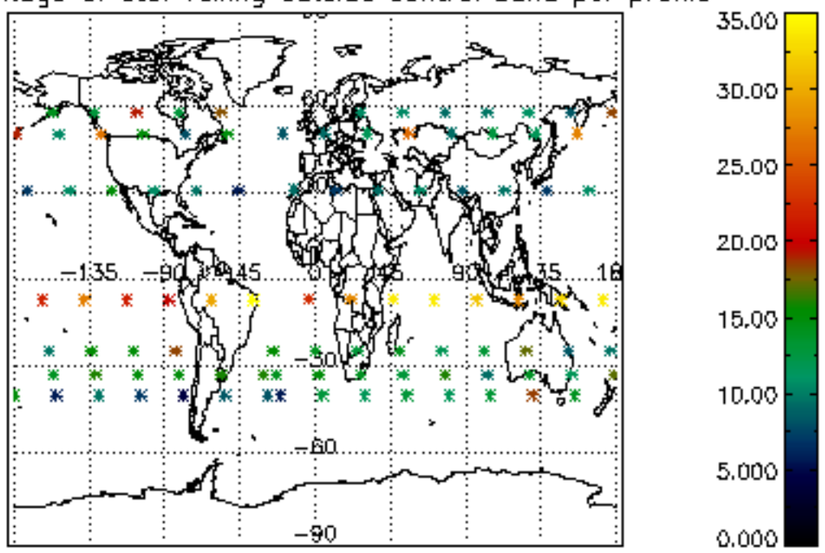
Percentage of cosmic ray hits per profile



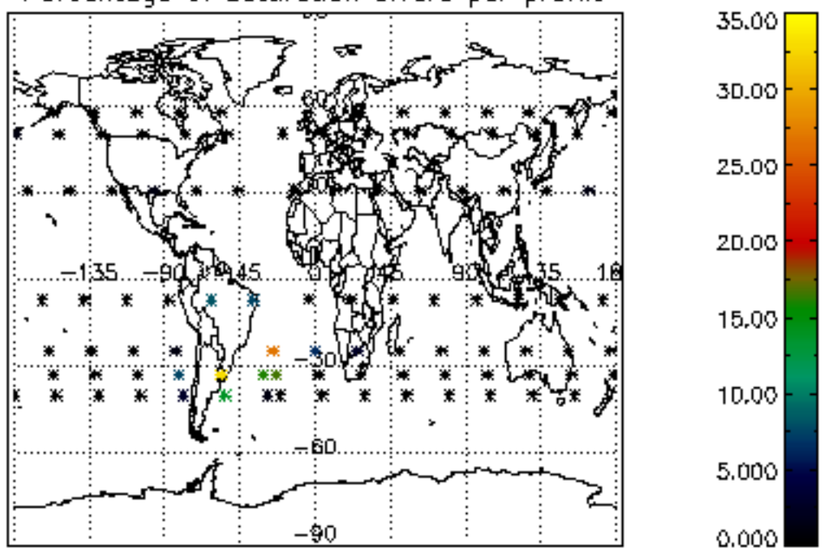
Percentage of datation errors per profile

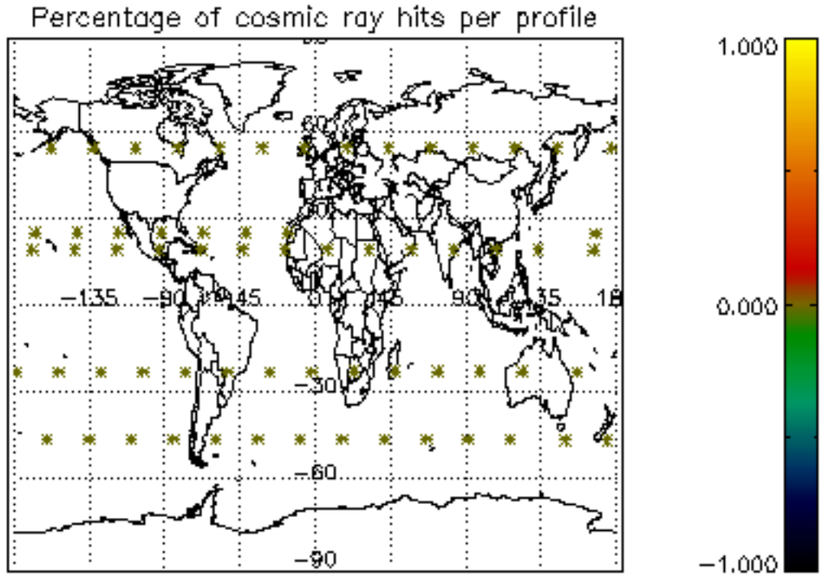


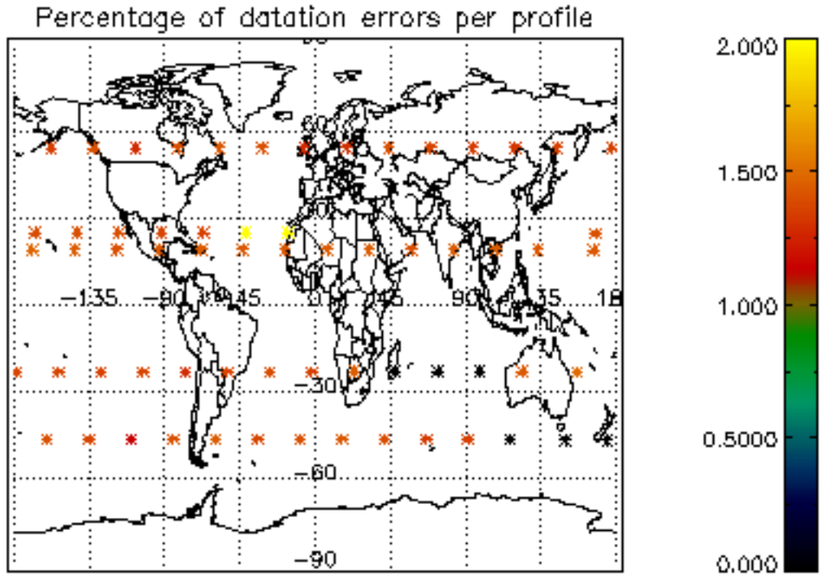
Percentage of star falling outside central band per profile

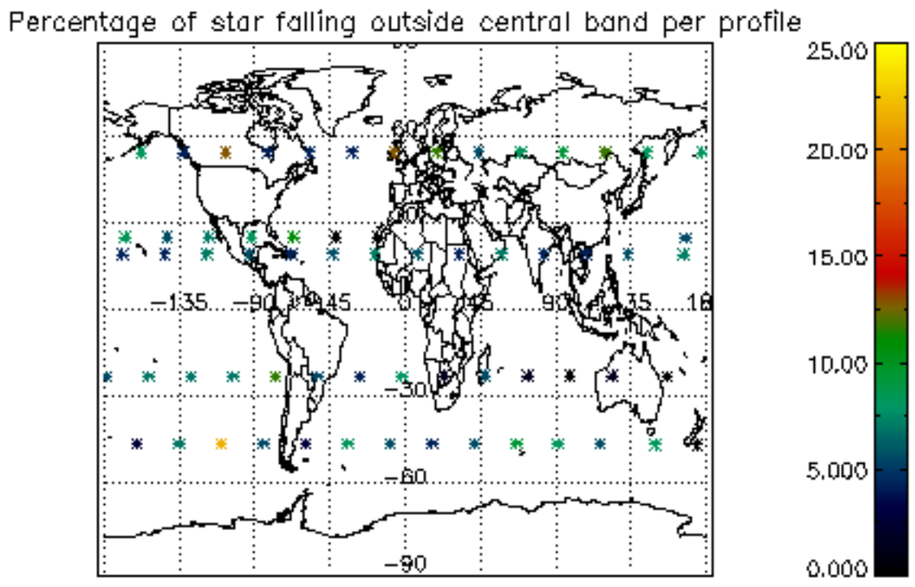


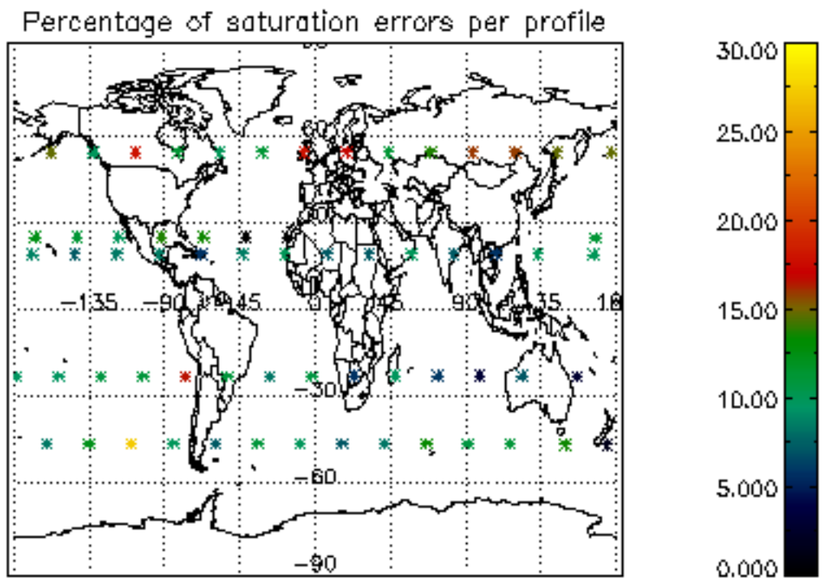
Percentage of saturation errors per profile

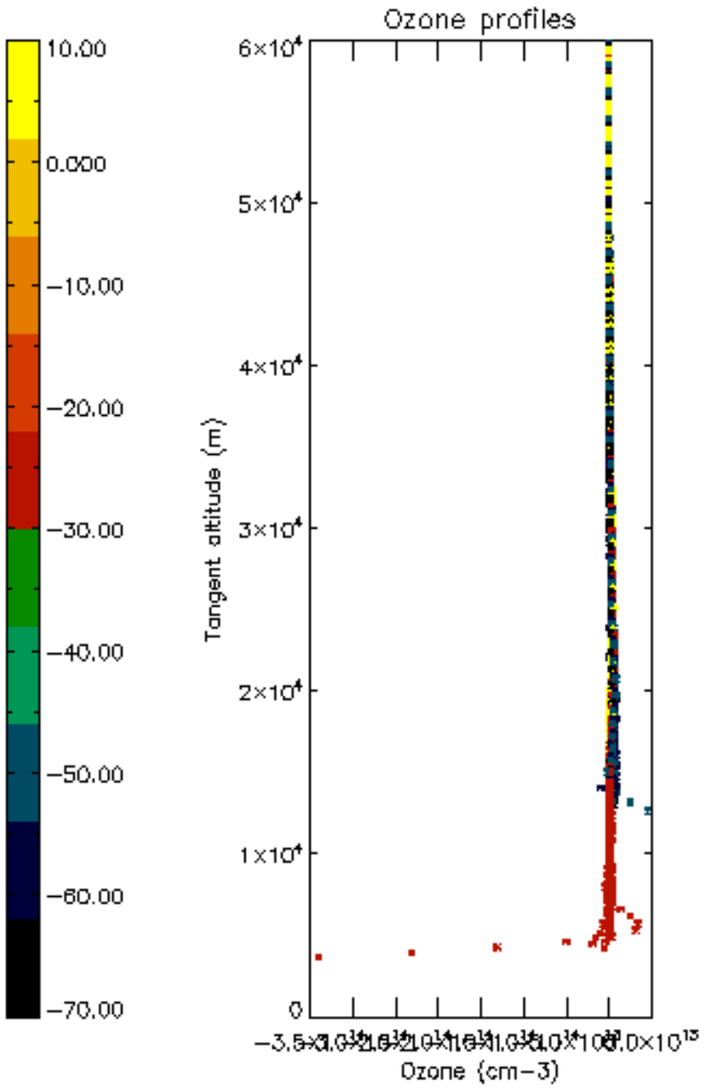


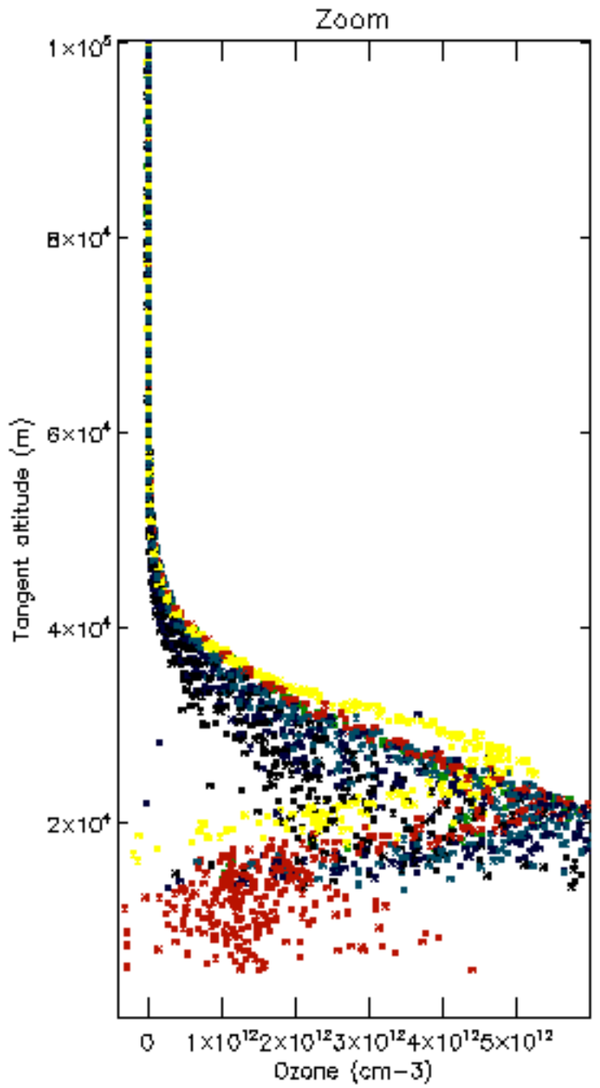

Percentage of cosmic ray hits per profile
1.000
0.000
−1.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

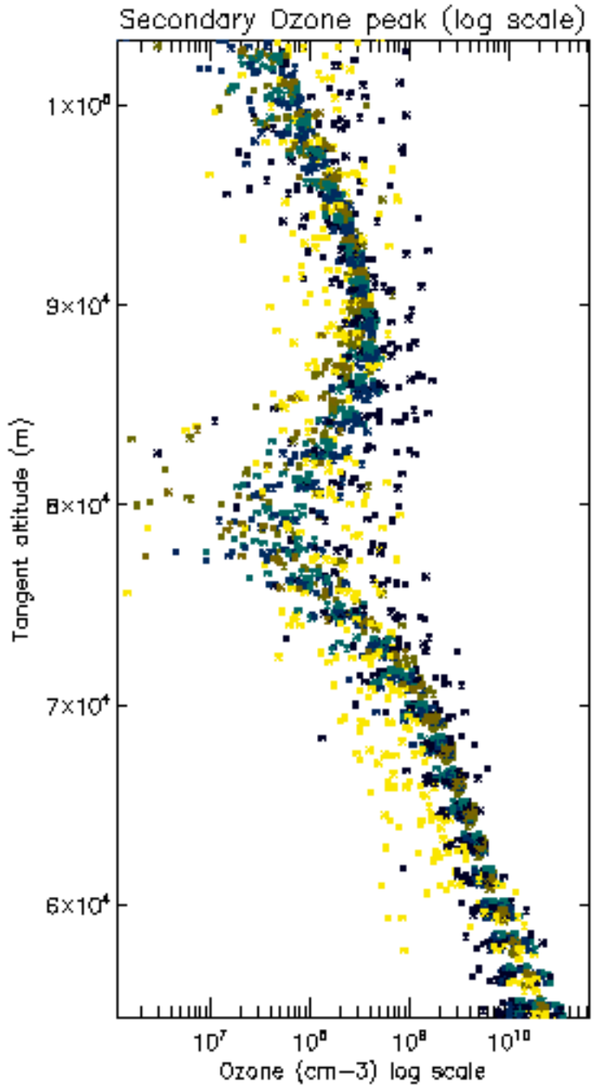

Percentage of datation errors per profile
2.000
1.500
1.000
0.5000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

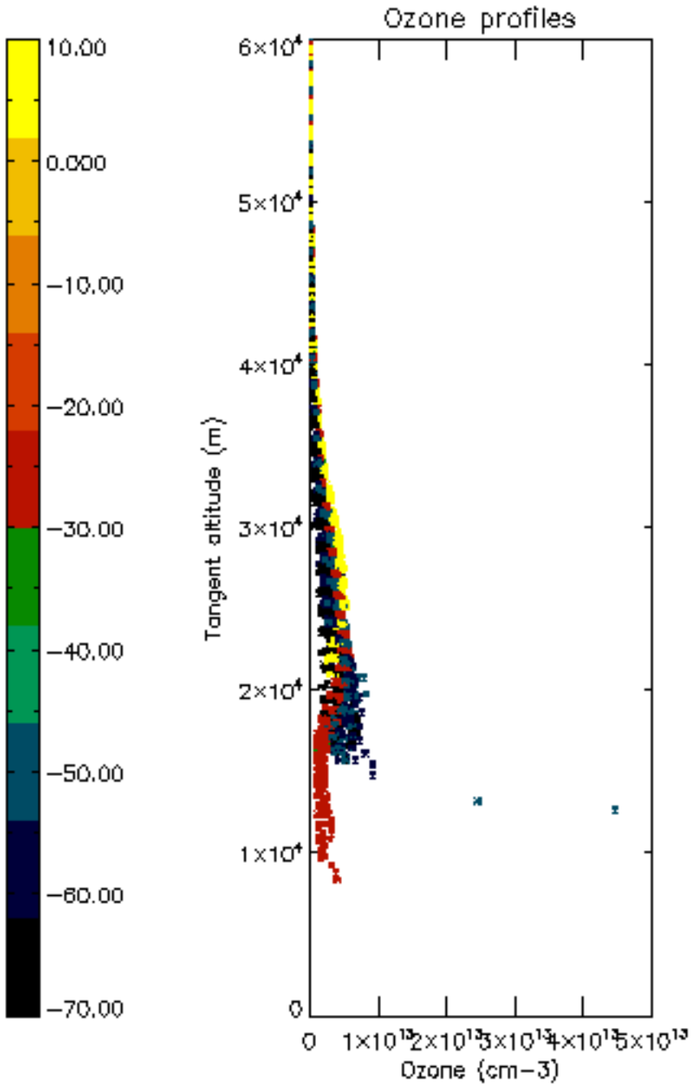

Percentage of star falling outside central band per profile
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

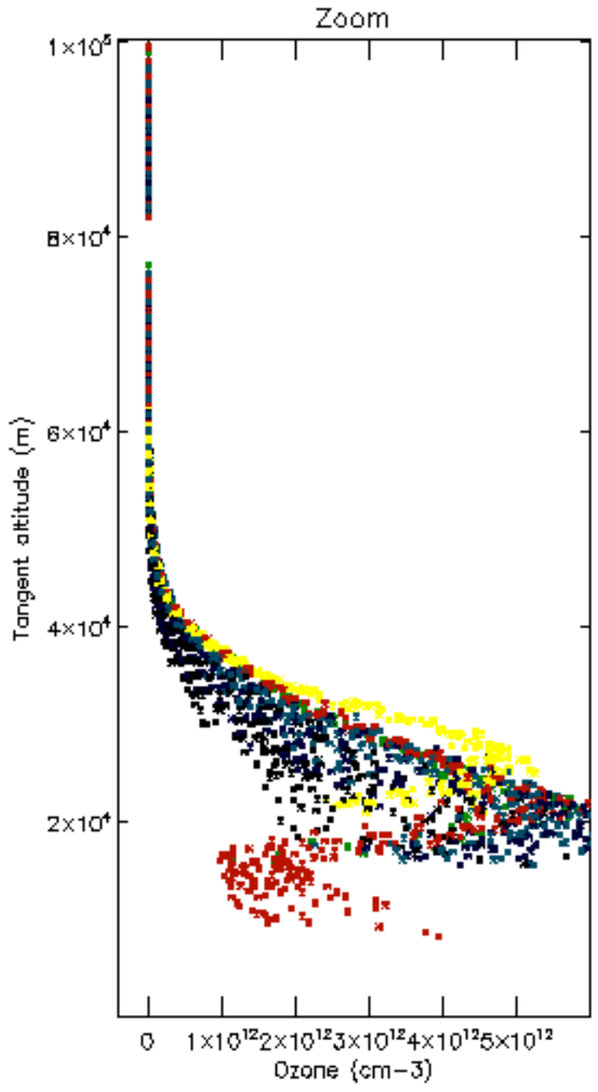

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

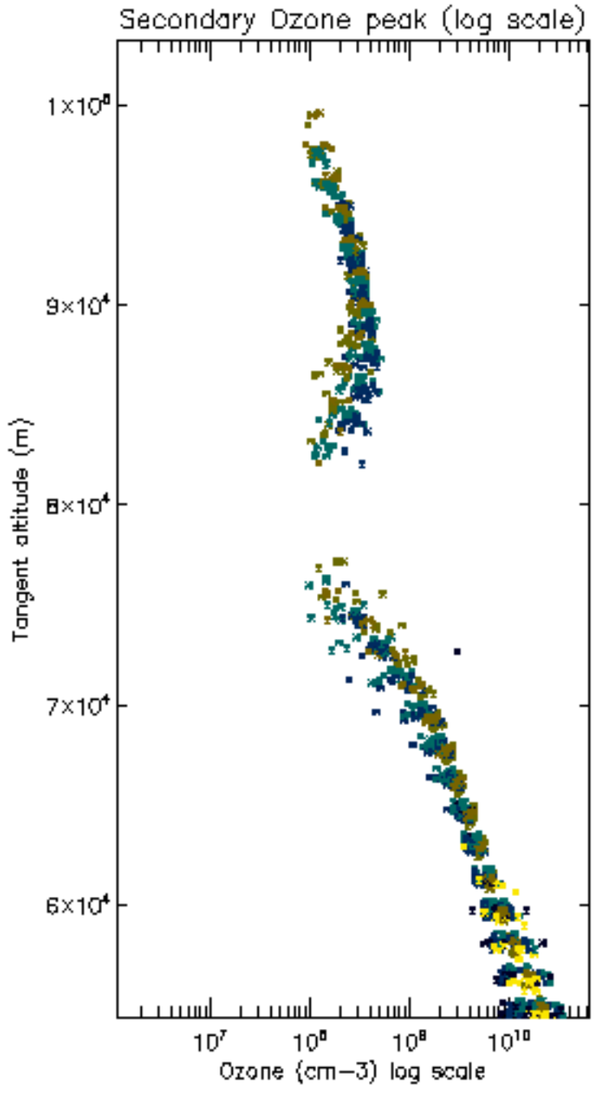

Ozone profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

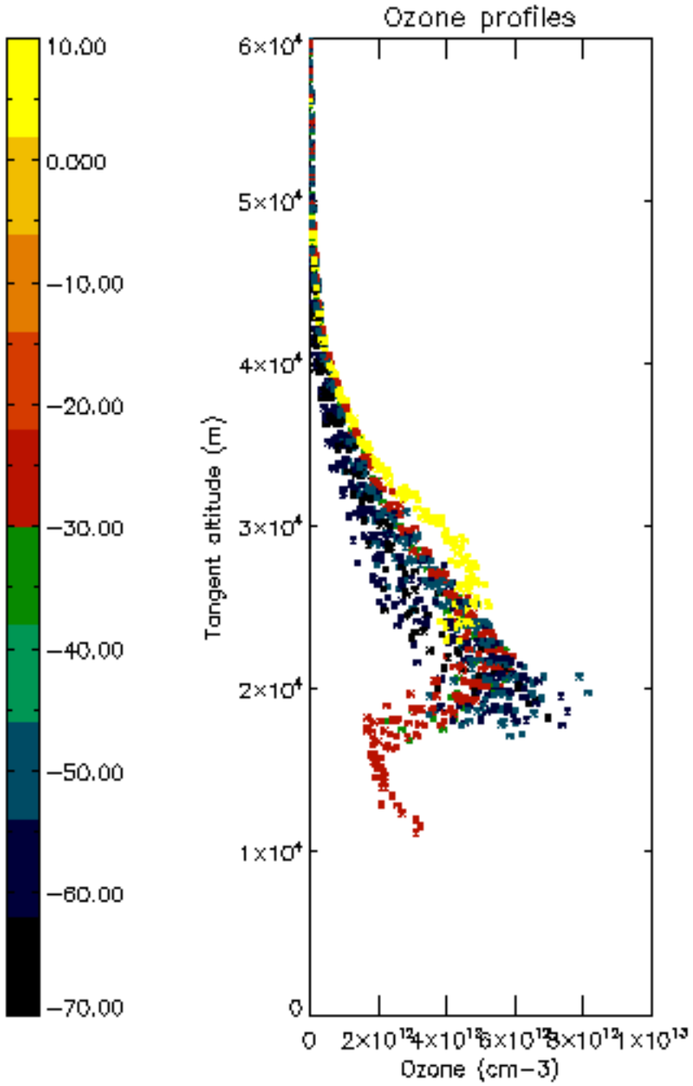

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

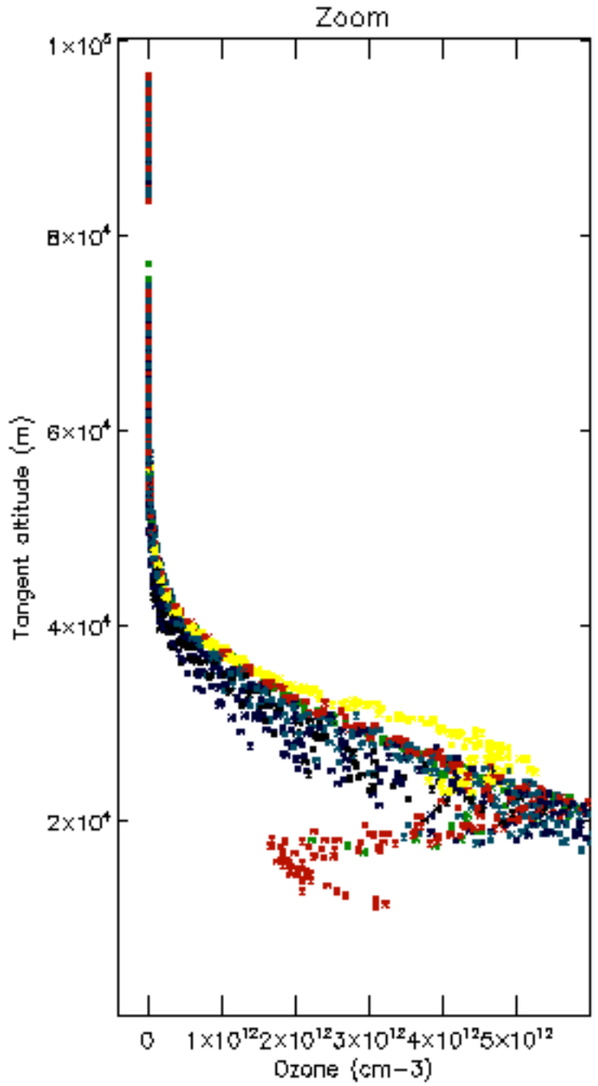

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

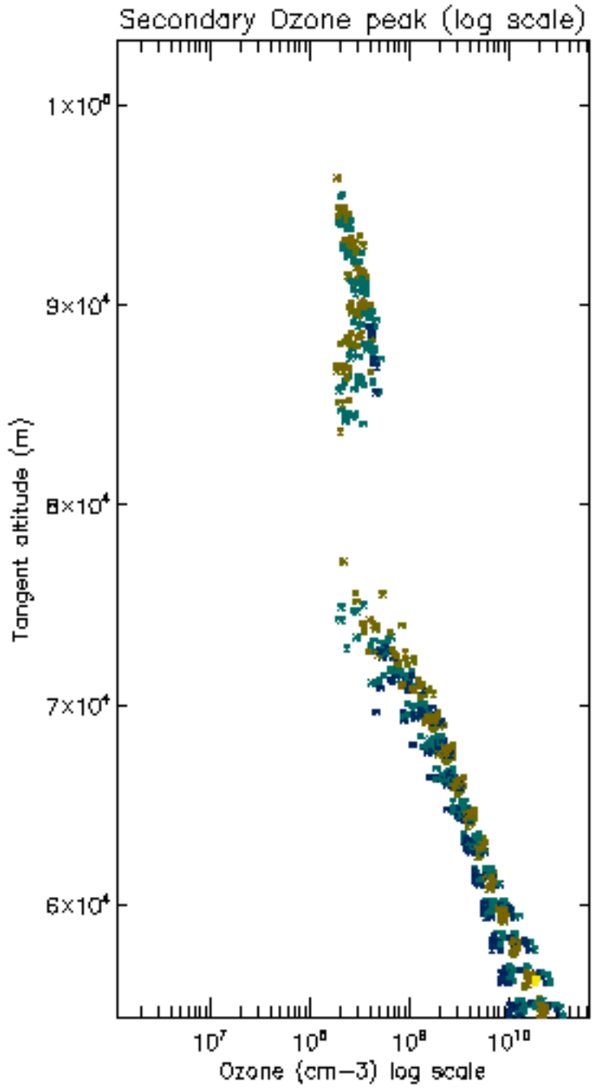

10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0 1×10¹³2×10¹³3×10¹³4×10¹³5×10¹³
Ozone (cm−3)

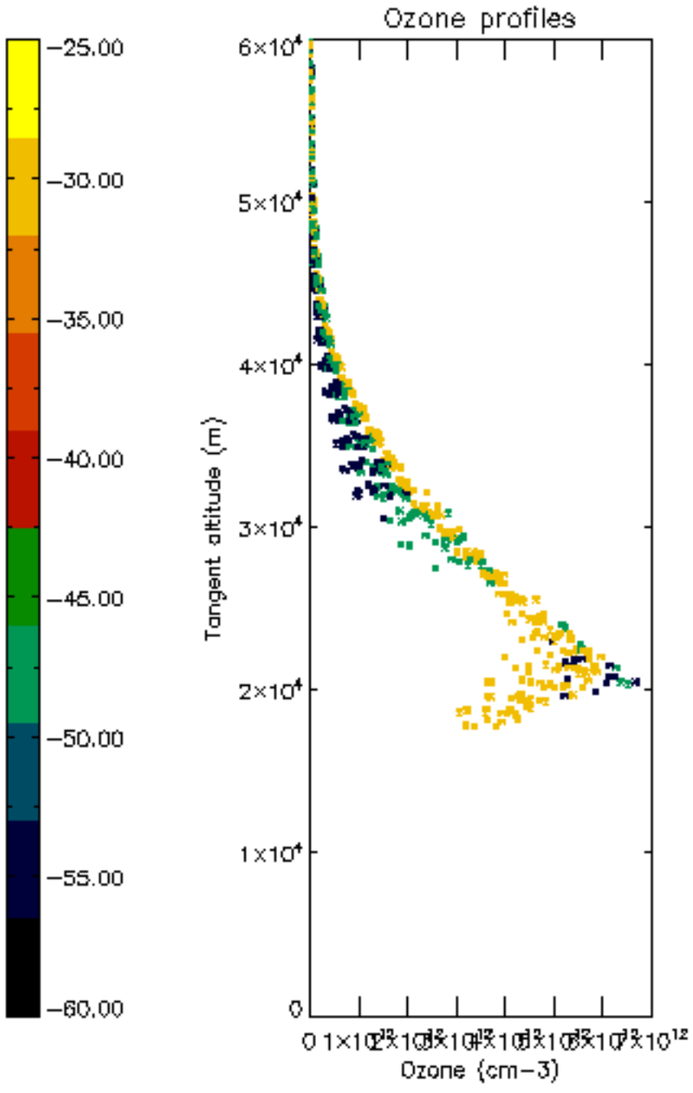

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)


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

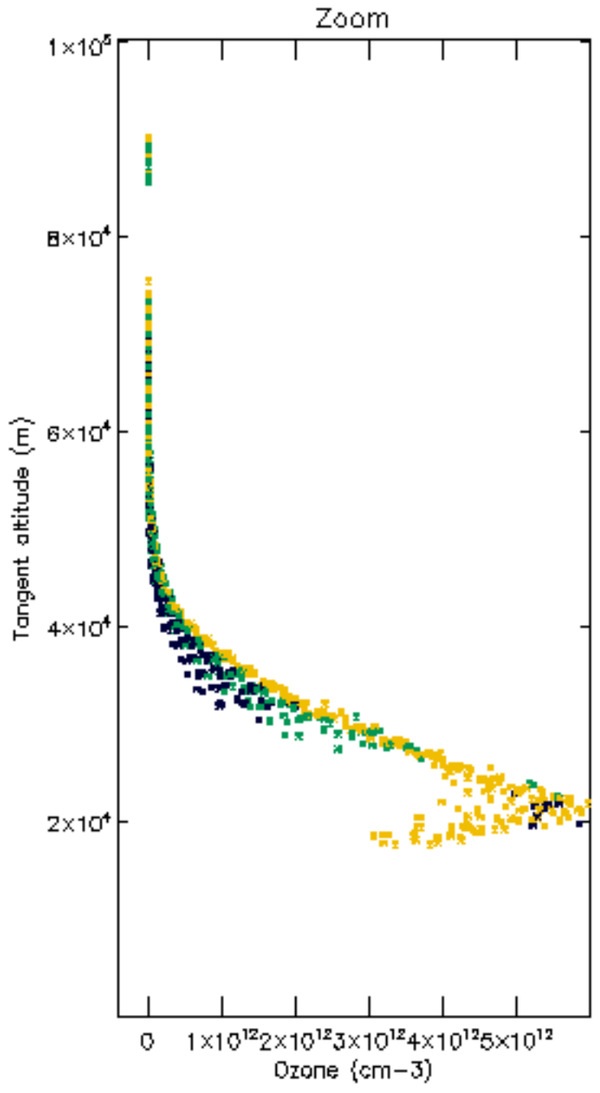

10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
Ozone (cm−3)

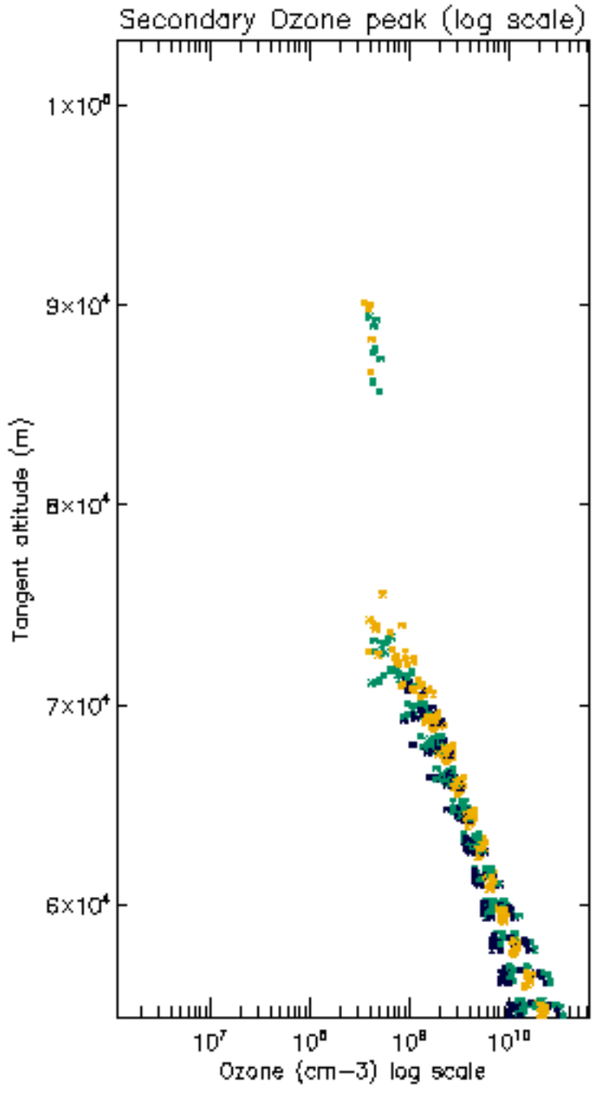

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

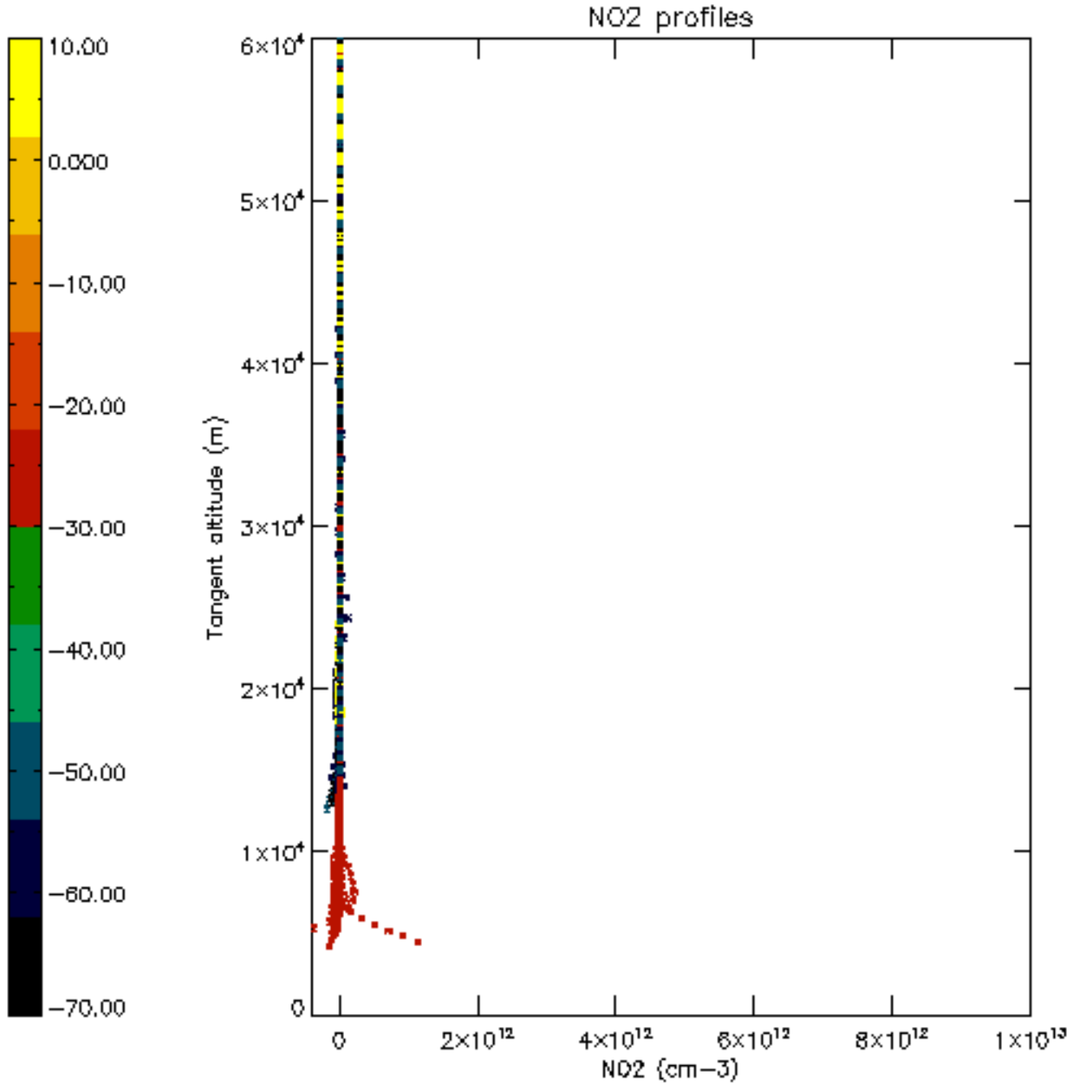

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

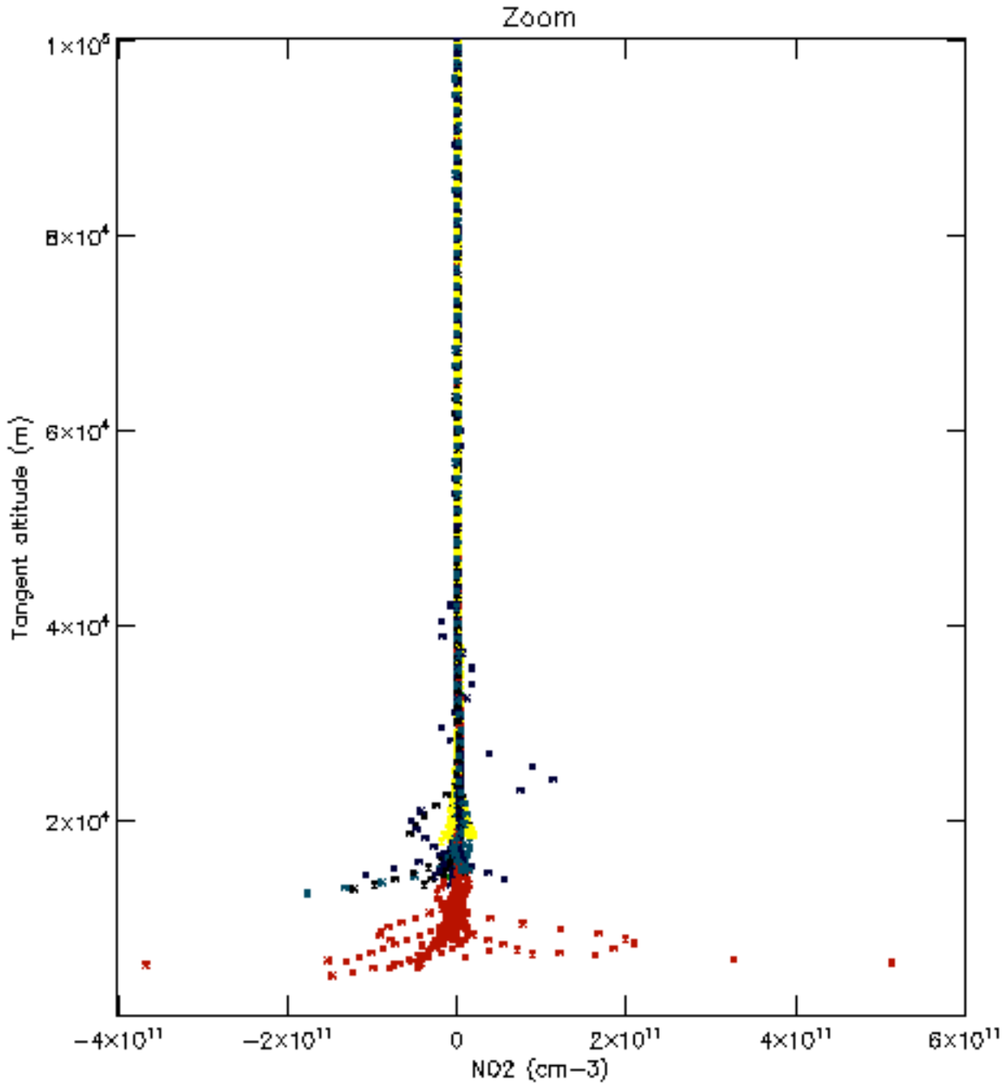

−25.00
−30.00
−35.00
−40.00
−45.00
−50.00
−55.00
−60.00

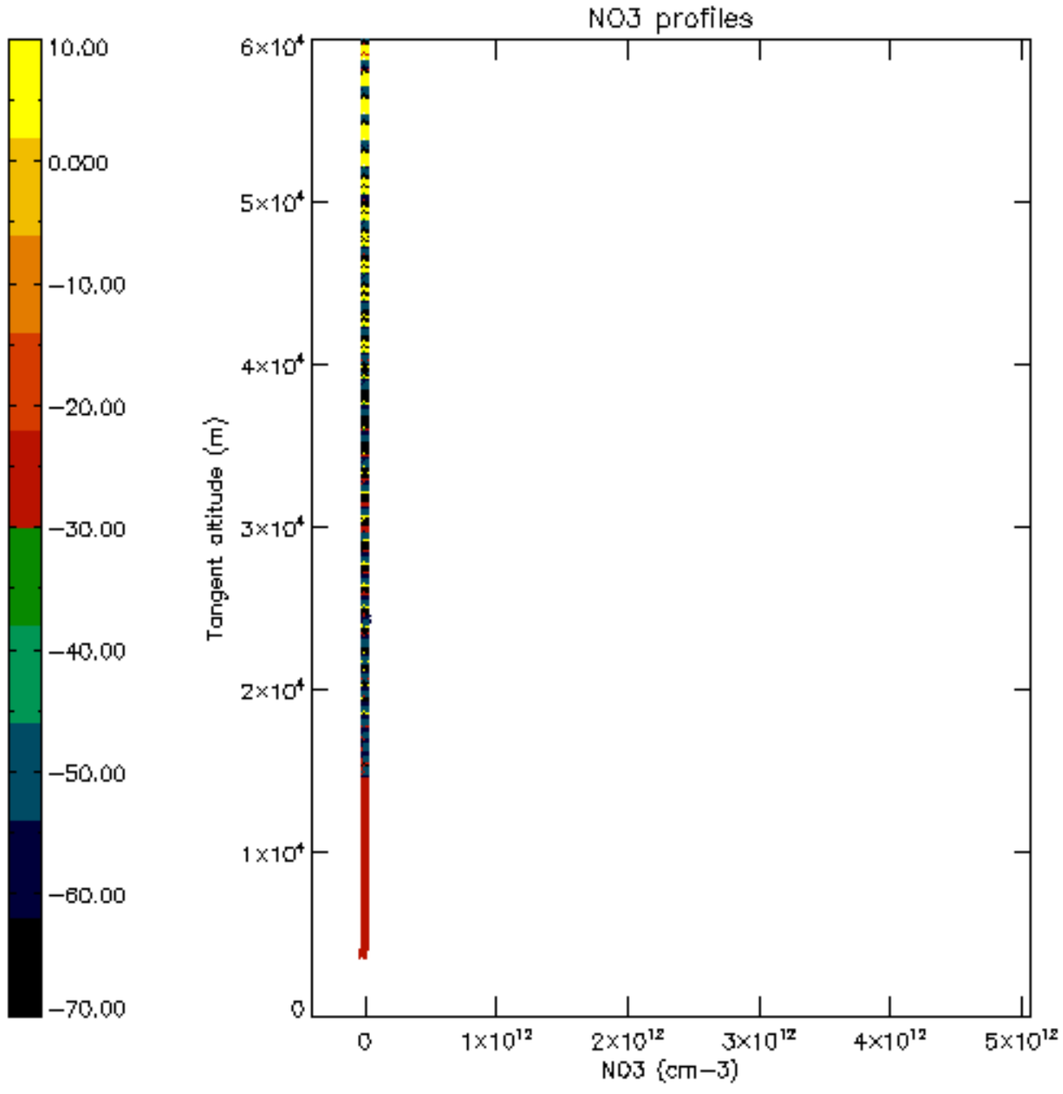
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹² 6×10¹² 7×10¹²
Ozone (cm−3)

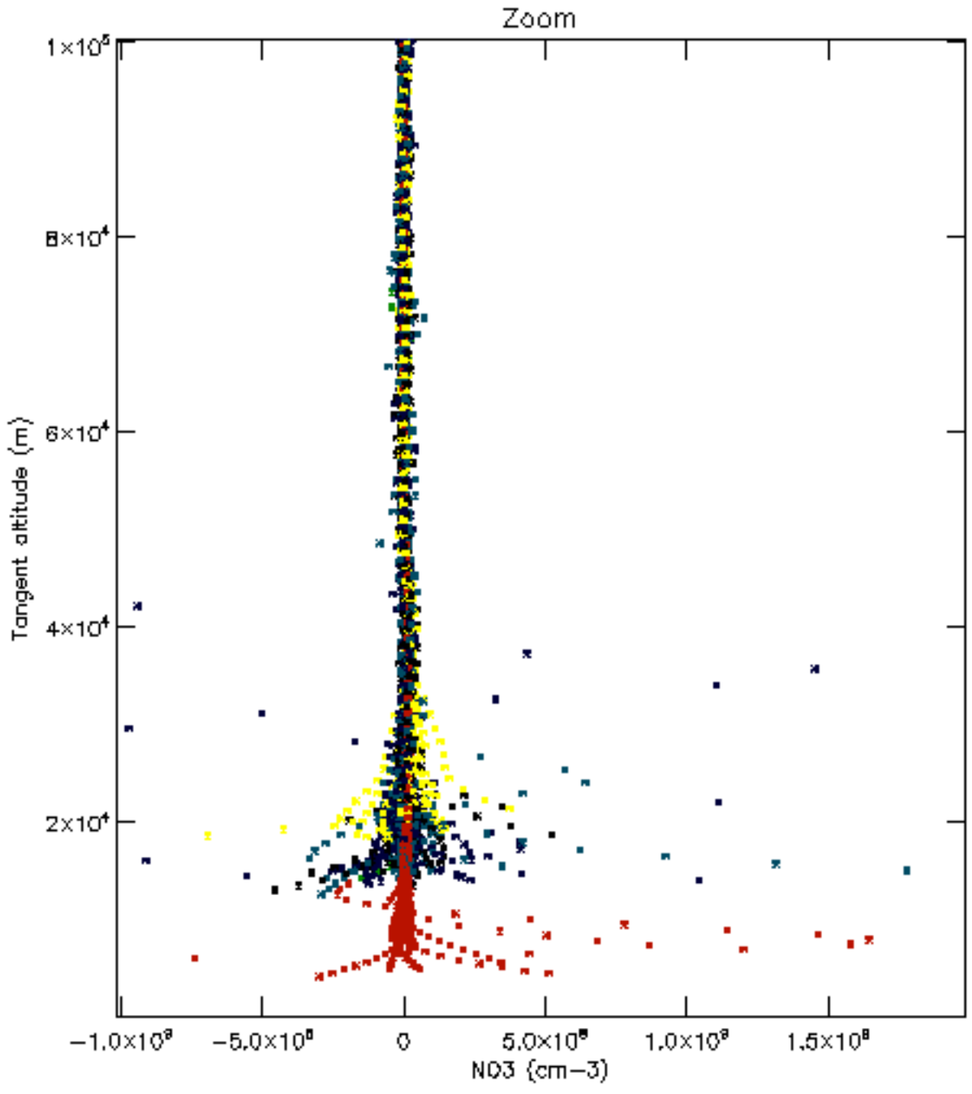

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

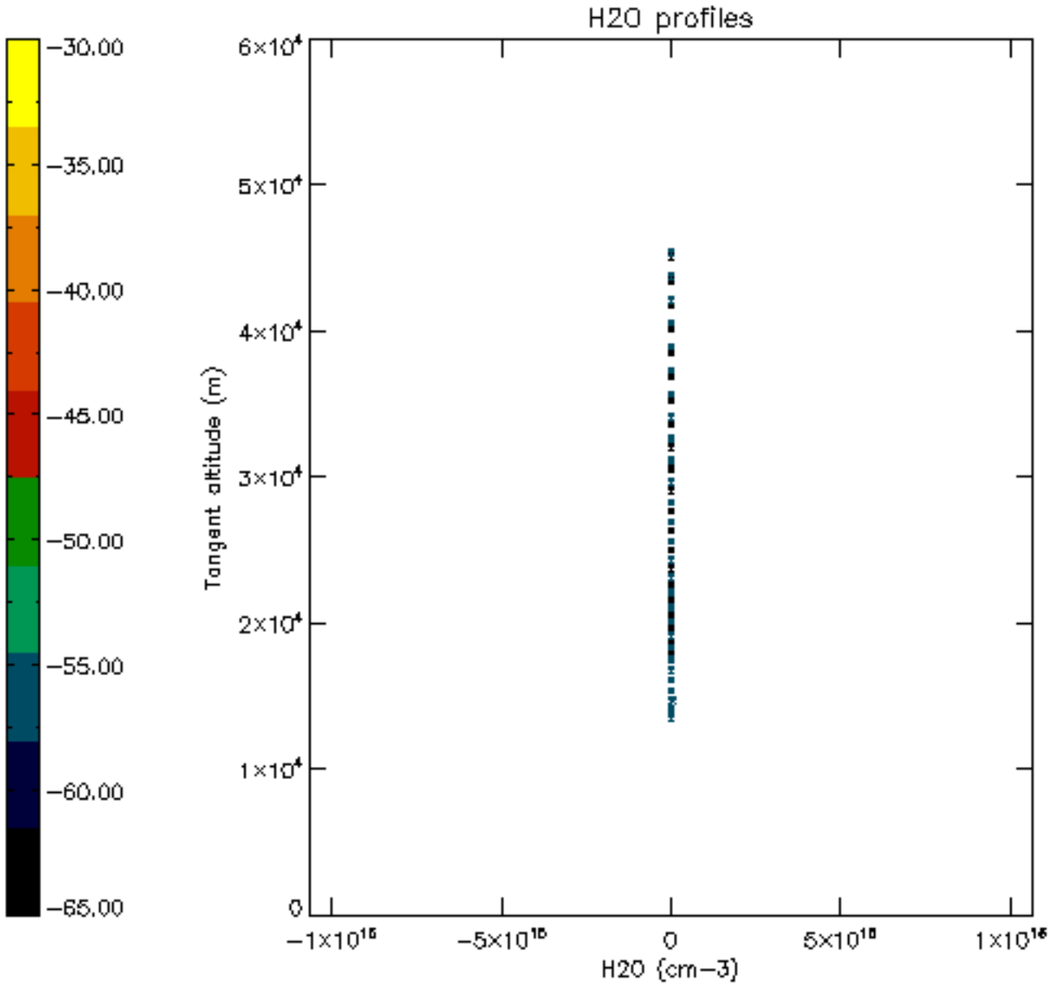

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

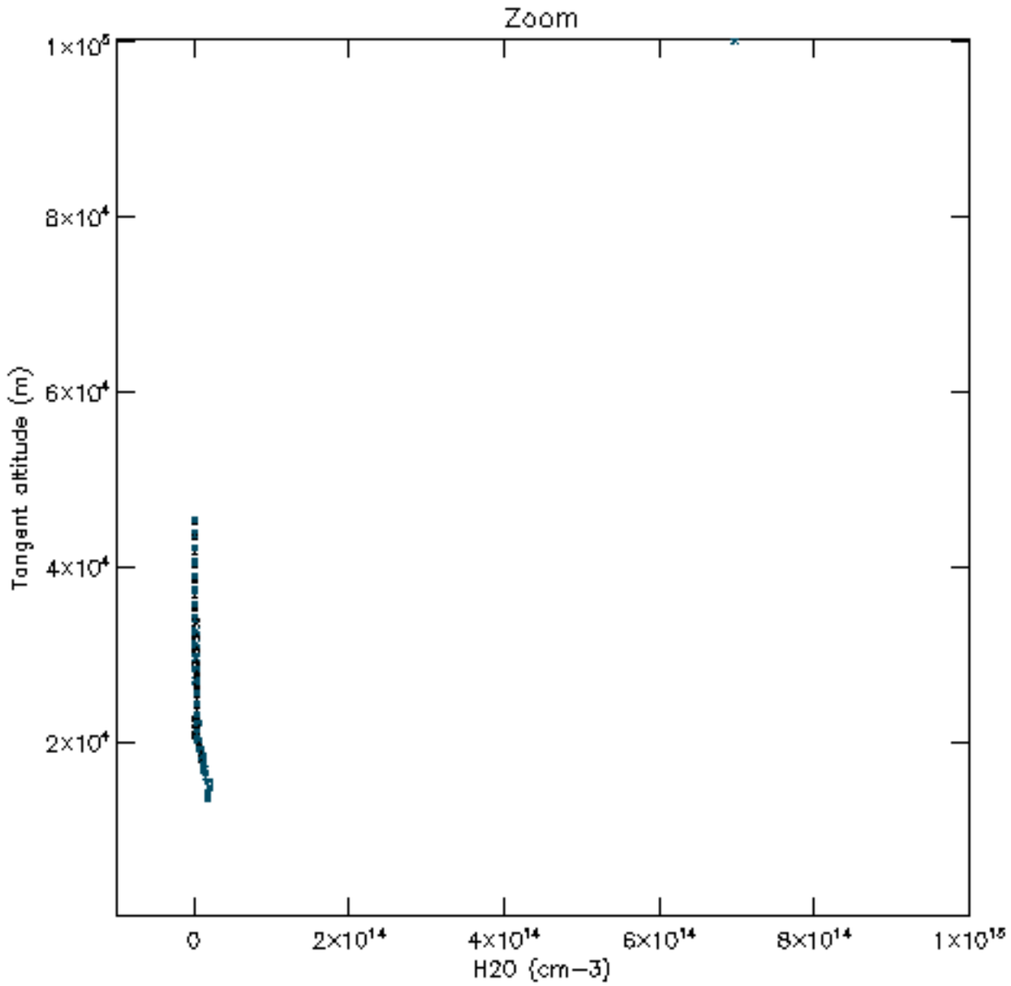

NO2 profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

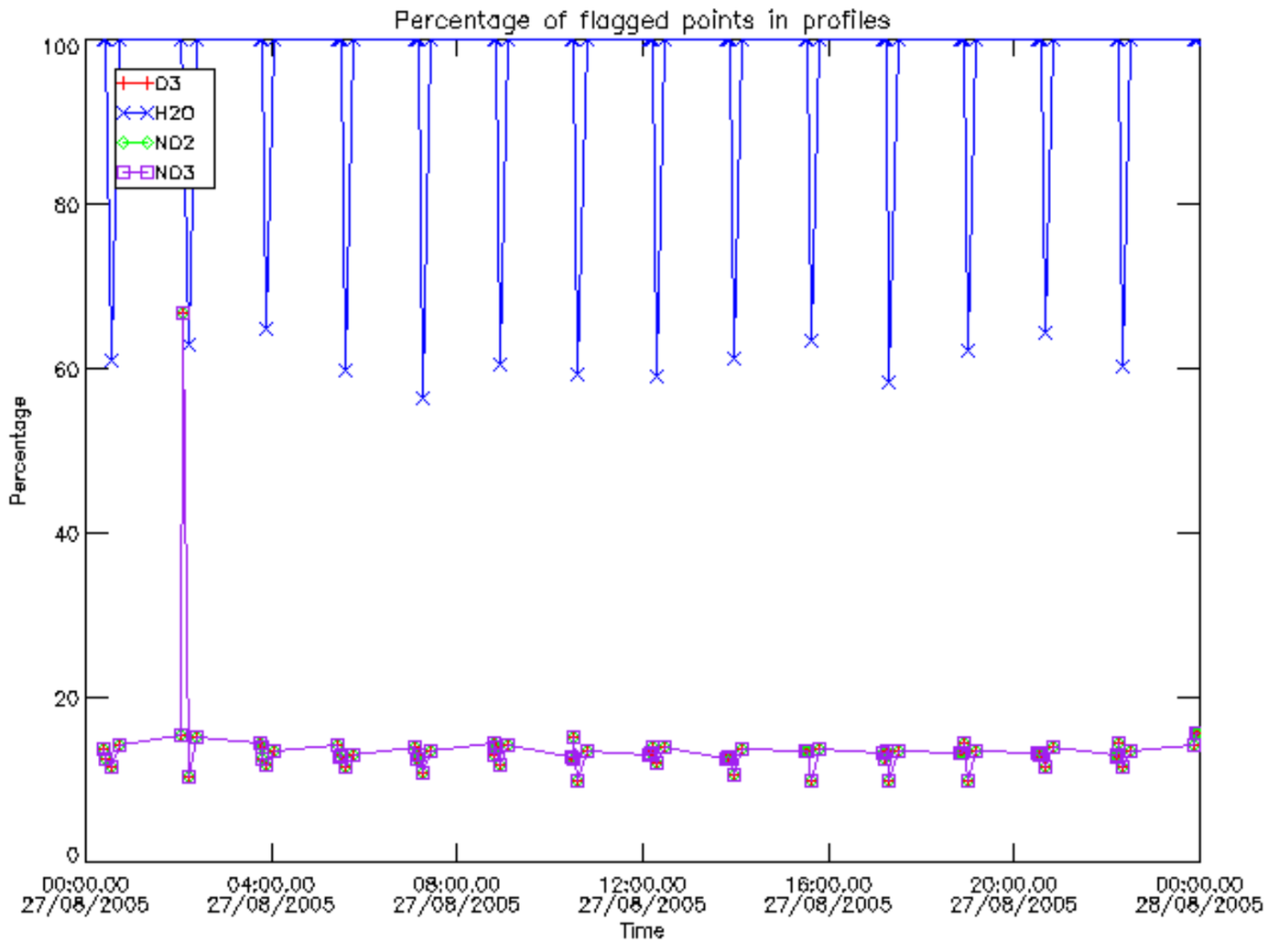

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

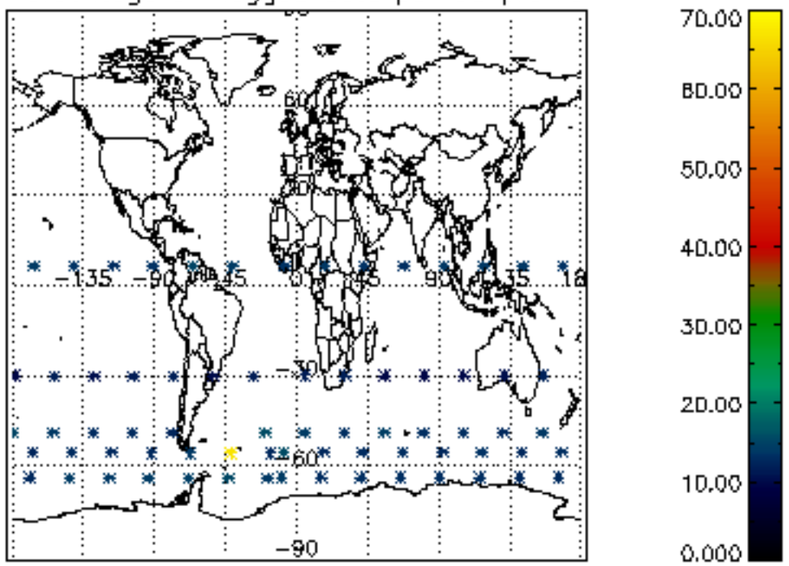

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
−30.00
−35.00
−40.00
−45.00
−50.00
−55.00
−60.00
−65.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

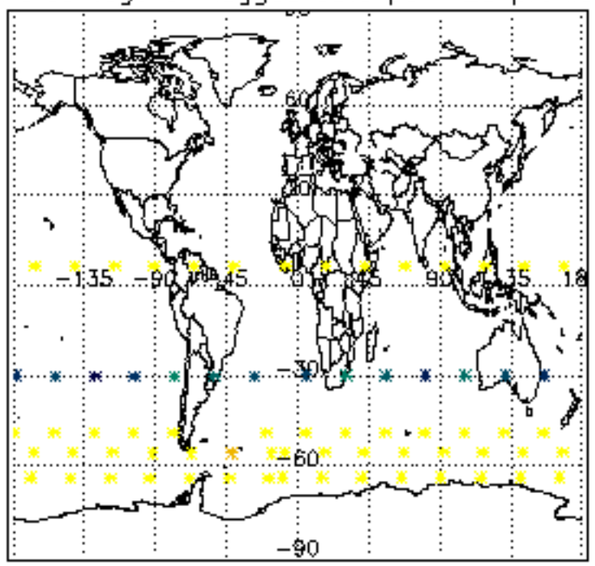

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

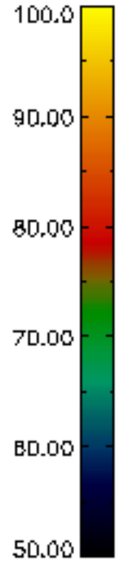

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
27/08/2005
04:00.00
27/08/2005
08:00.00
27/08/2005
12:00.00
27/08/2005
16:00.00
27/08/2005
20:00.00
27/08/2005
00:00.00
28/08/2005
Time

Percentage of flagged data per O3 profile

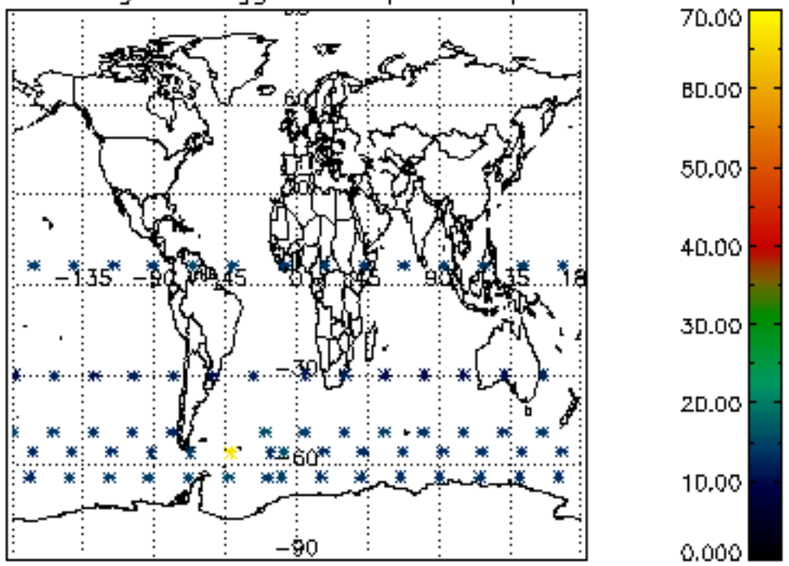


Percentage of flagged data per H2O profile

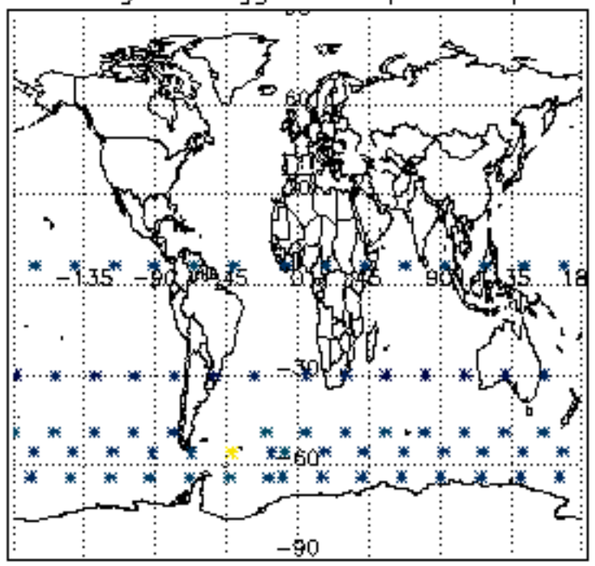


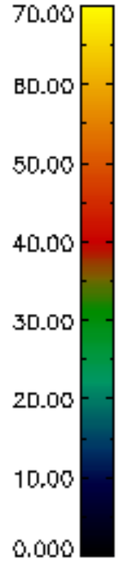


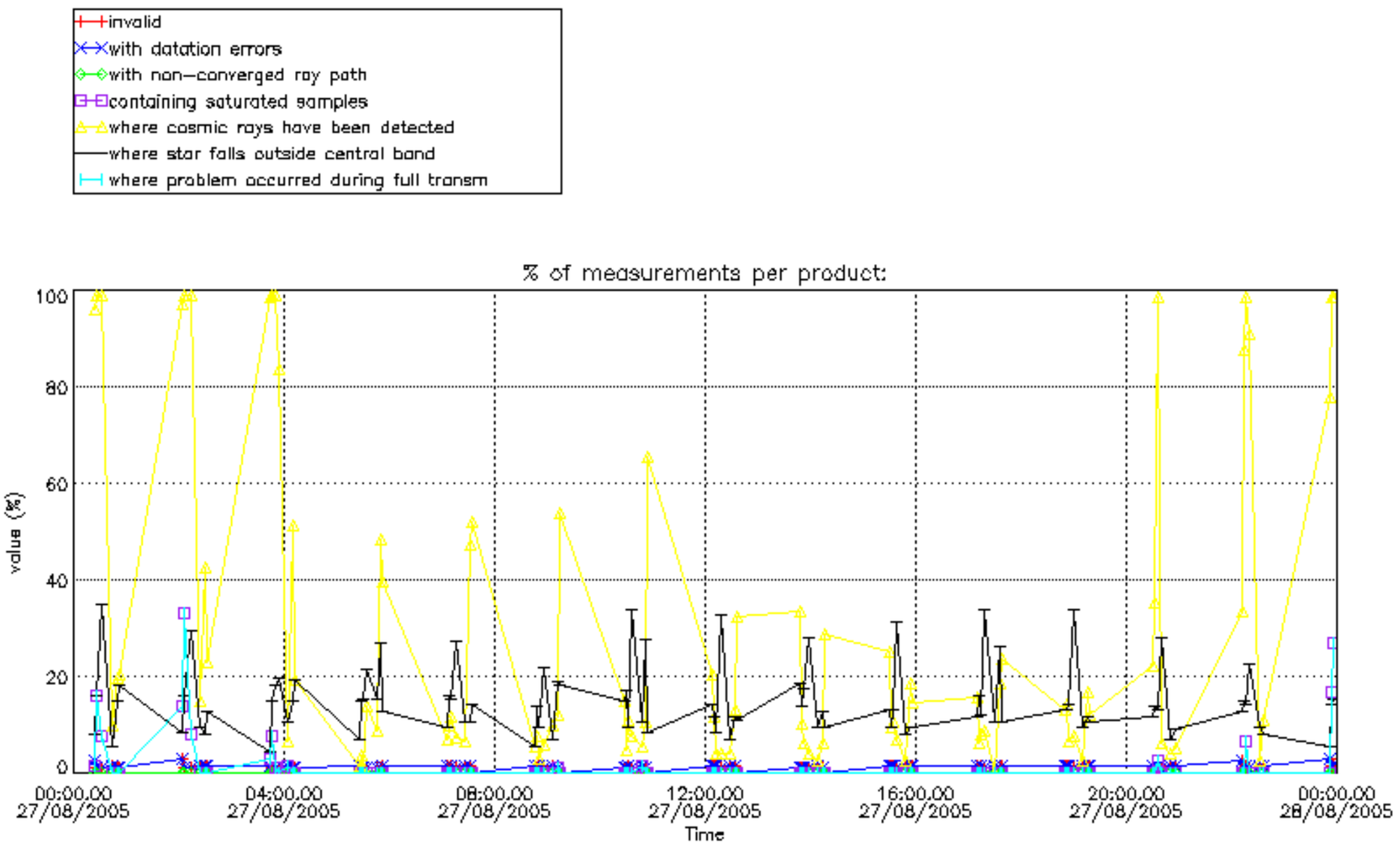
Percentage of flagged data per NO2 profile

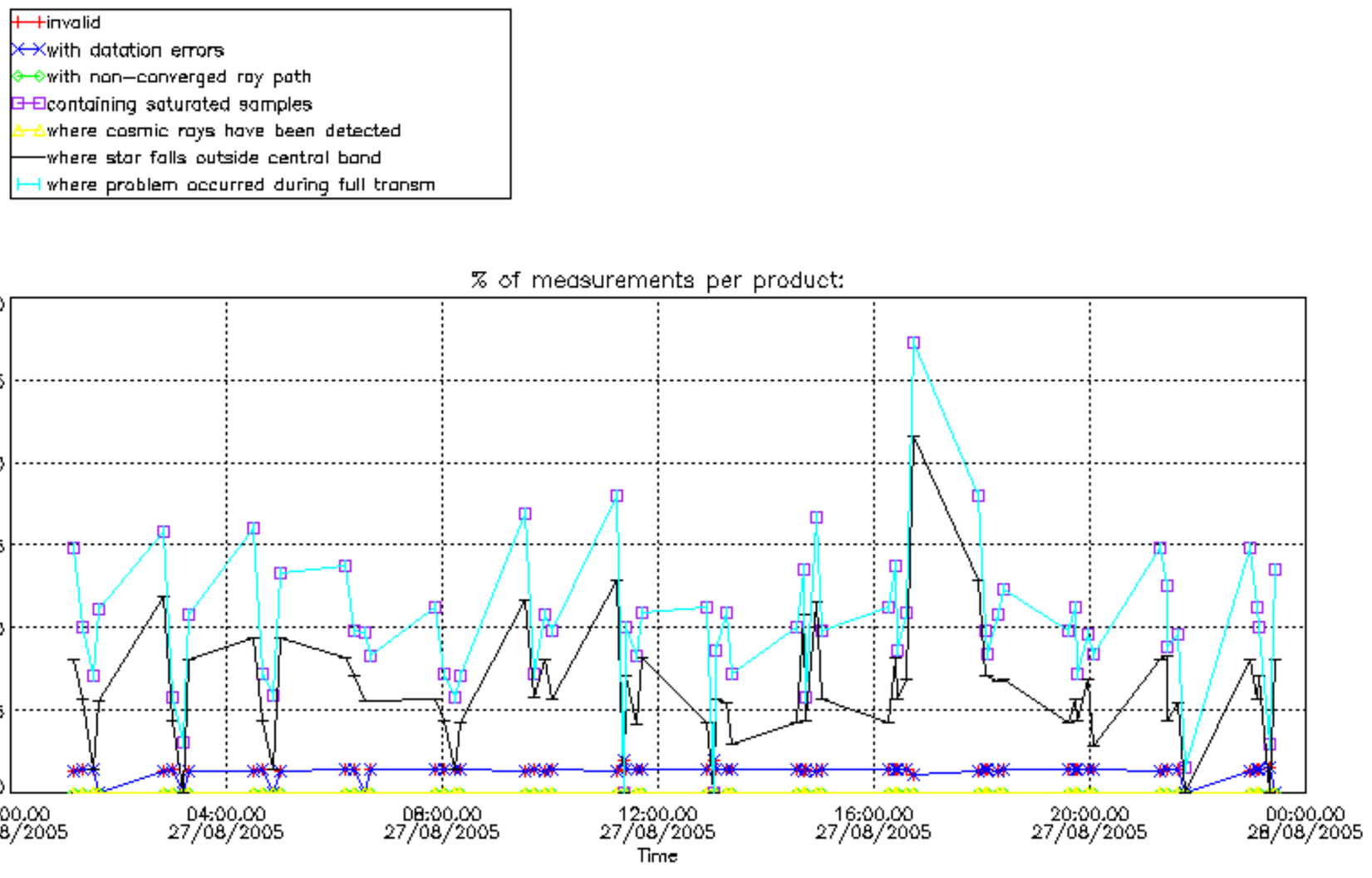


Percentage of flagged data per NO3 profile

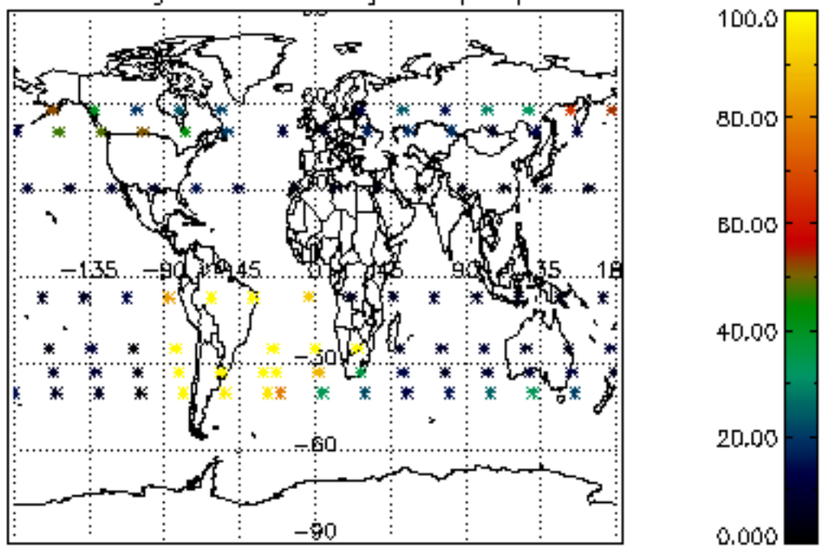




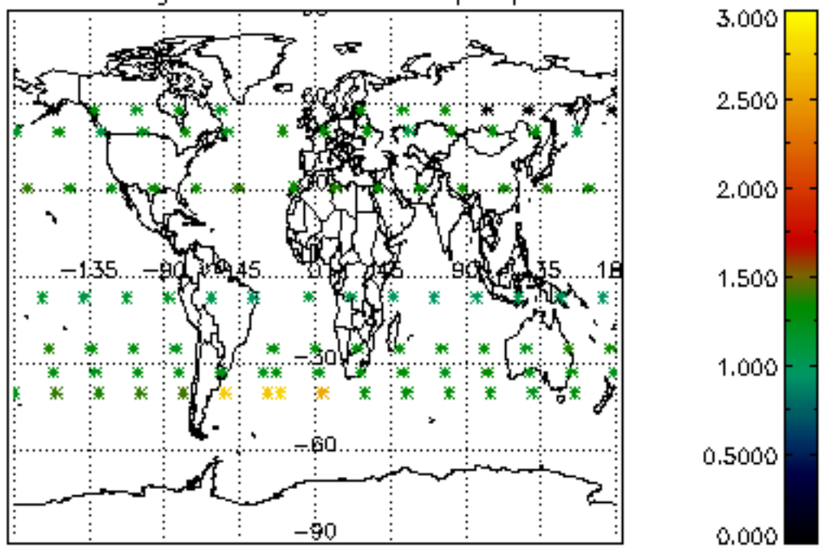

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
27/08/2005
04:00.00
27/08/2005
08:00.00
27/08/2005
12:00.00
27/08/2005
16:00.00
27/08/2005
20:00.00
27/08/2005
00:00.00
28/08/2005
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
00:00.00 27/08/2005
04:00.00 27/08/2005
08:00.00 27/08/2005
12:00.00 27/08/2005
16:00.00 27/08/2005
20:00.00 27/08/2005
00:00.00 28/08/2005
Time

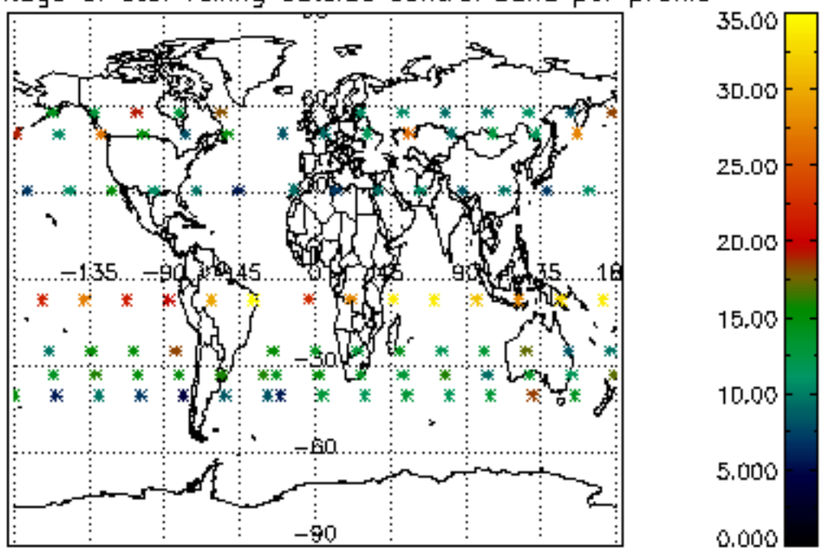
Percentage of cosmic ray hits per profile



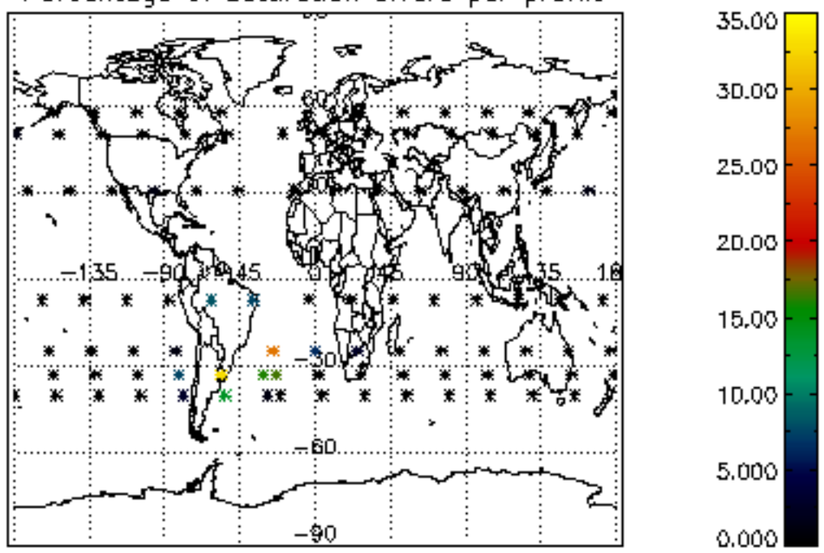
Percentage of datation errors per profile

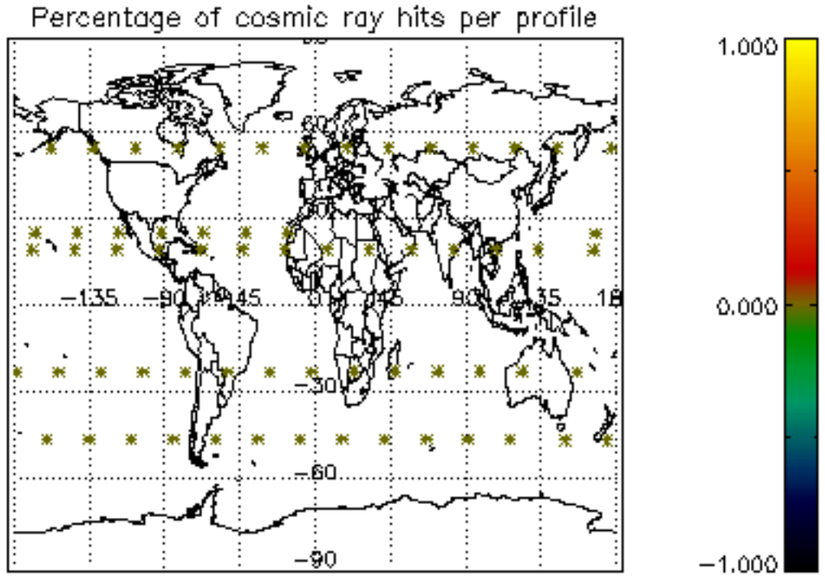


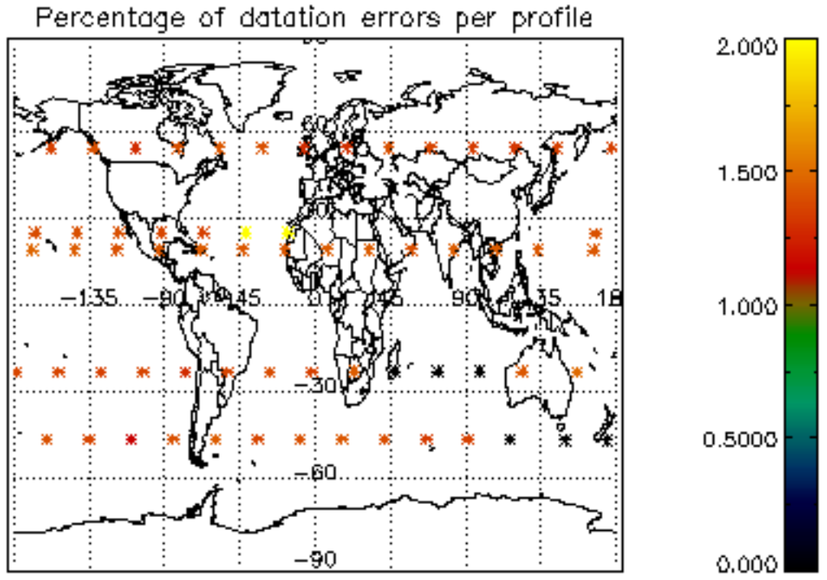
Percentage of star falling outside central band per profile

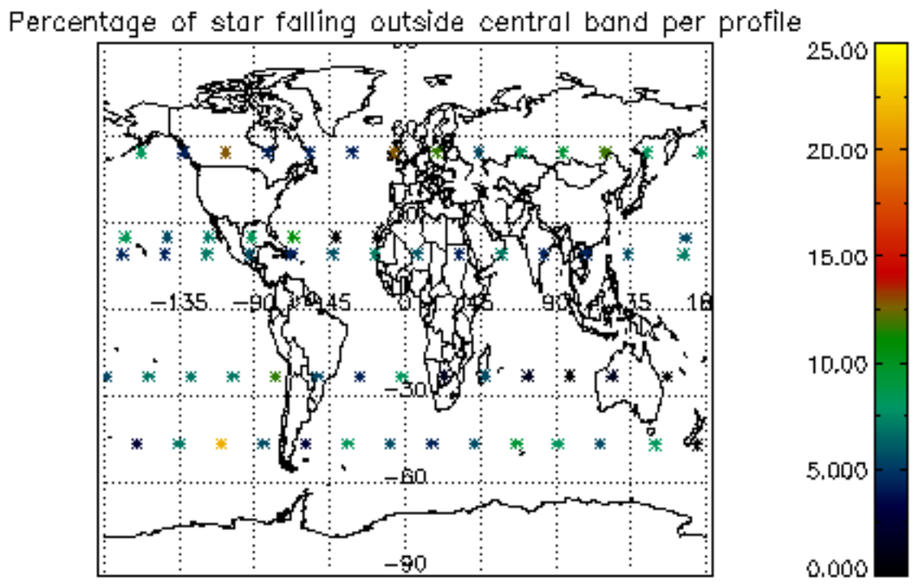


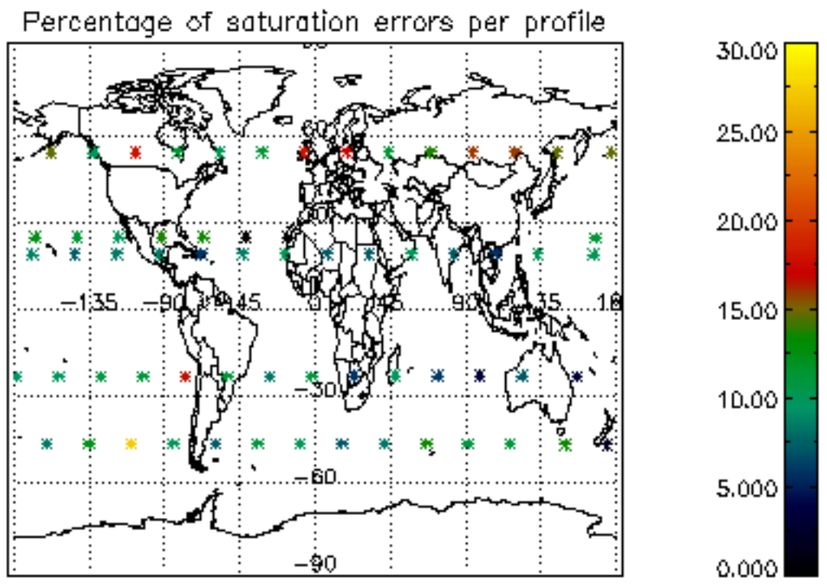
Percentage of saturation errors per profile

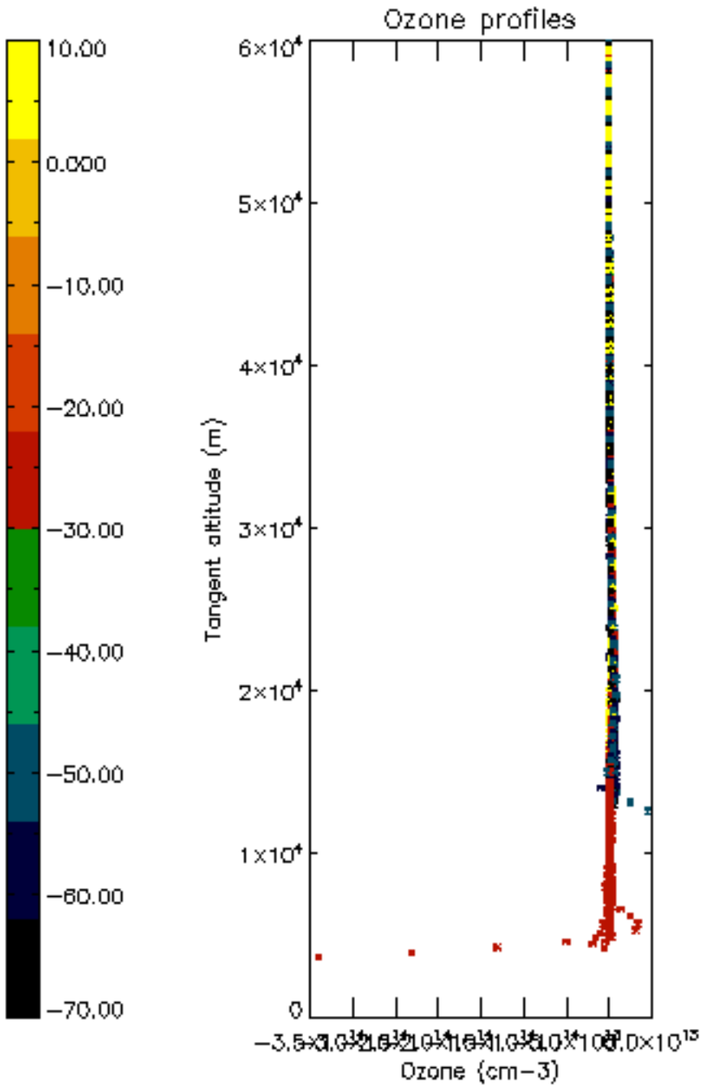


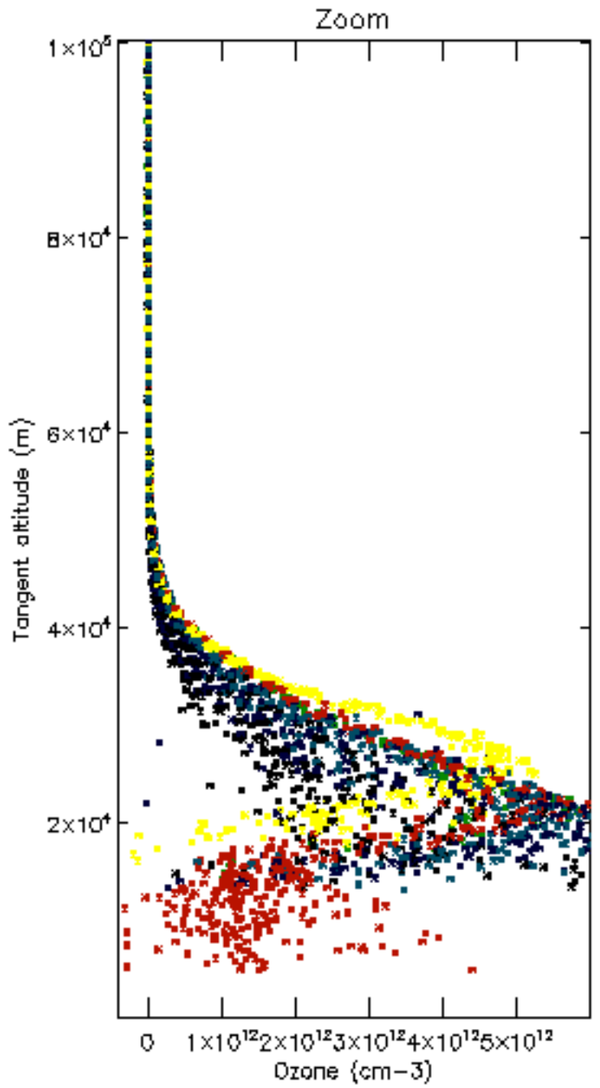

Percentage of cosmic ray hits per profile
1.000
0.000
−1.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

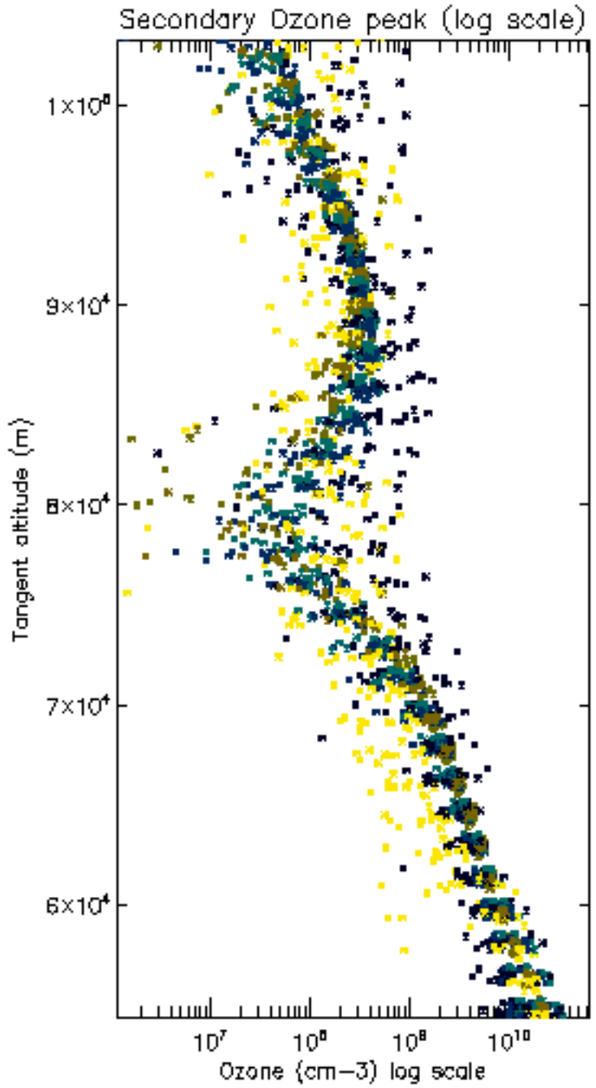

Percentage of datation errors per profile
2.000
1.500
1.000
0.5000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

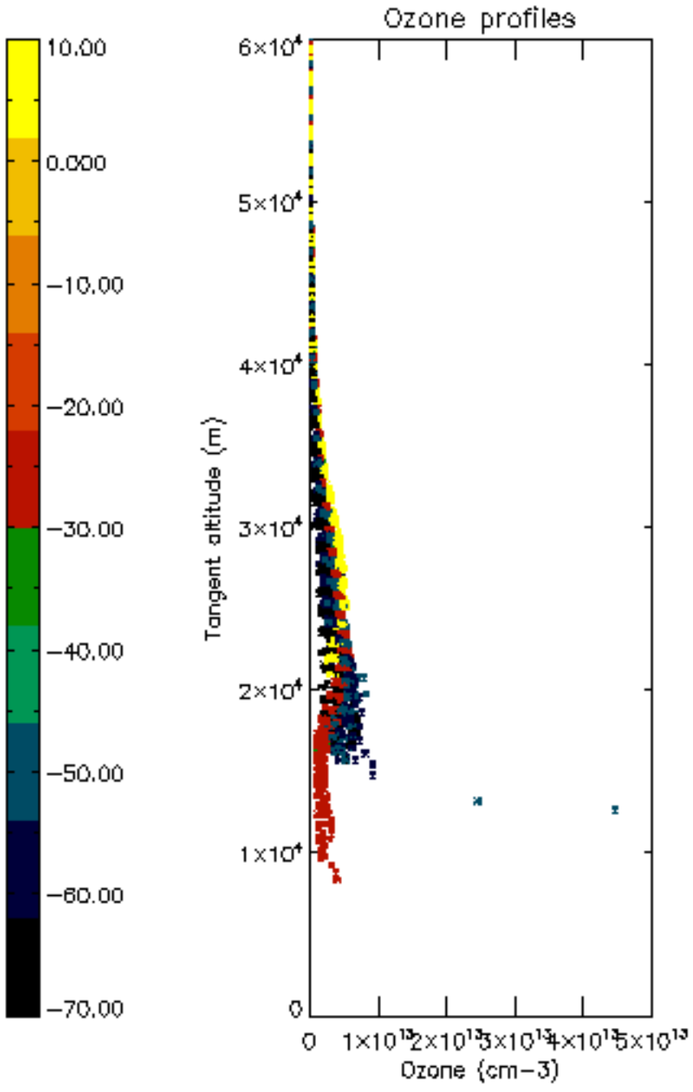

Percentage of star falling outside central band per profile
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

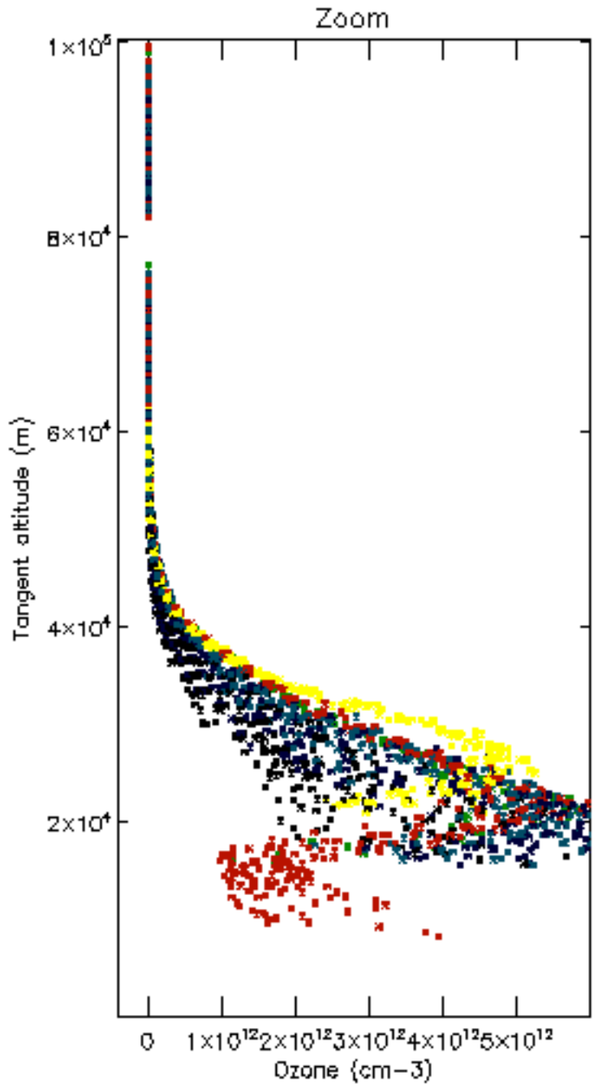

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

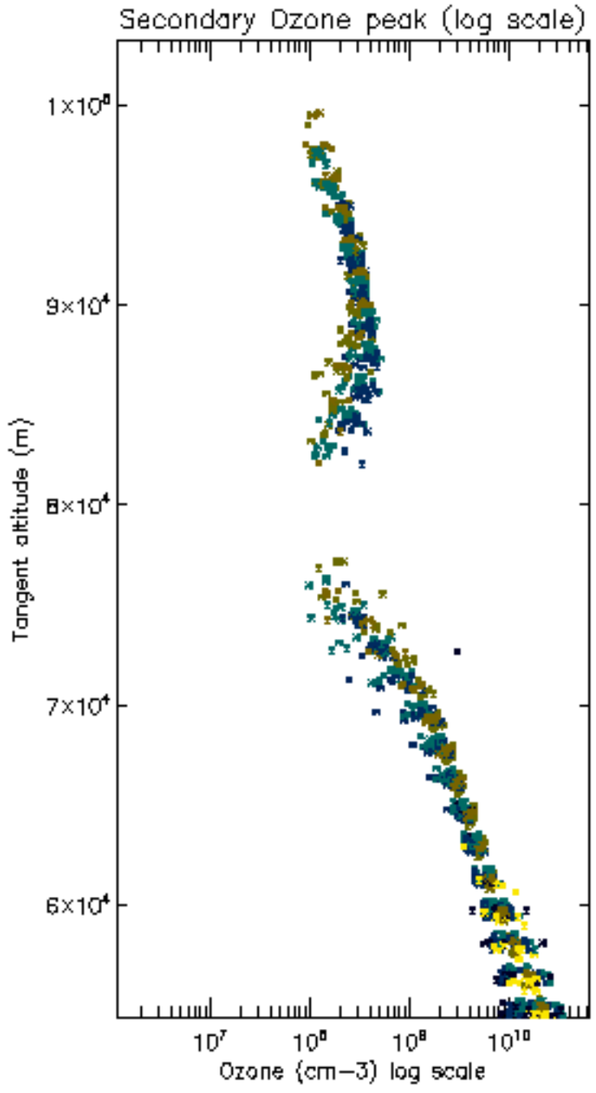

Ozone profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

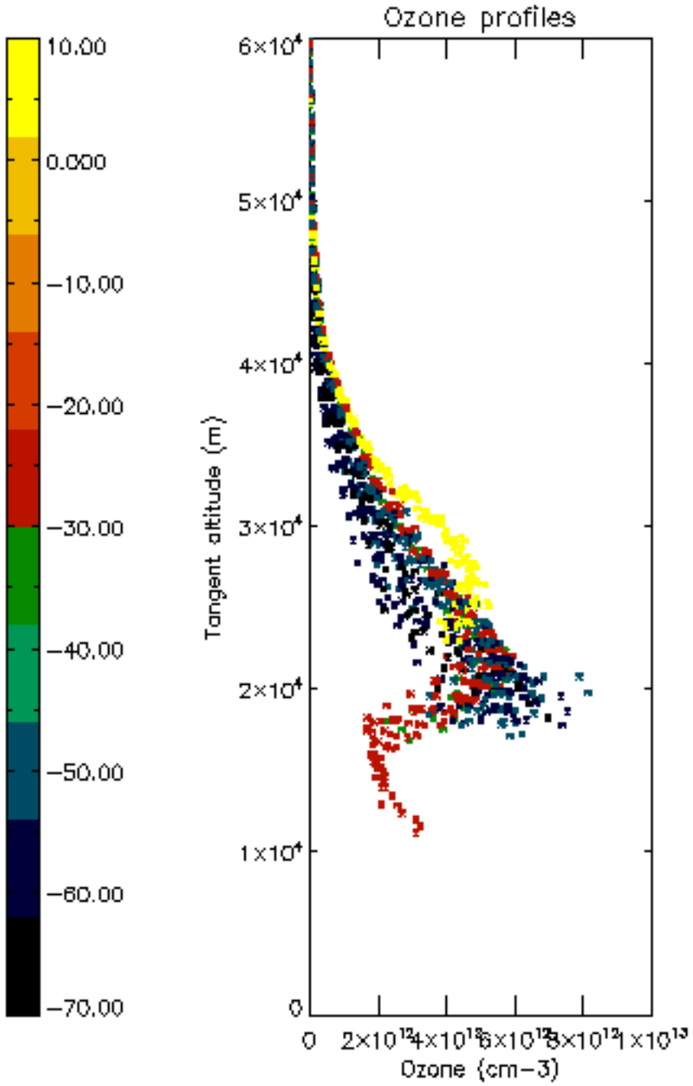

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

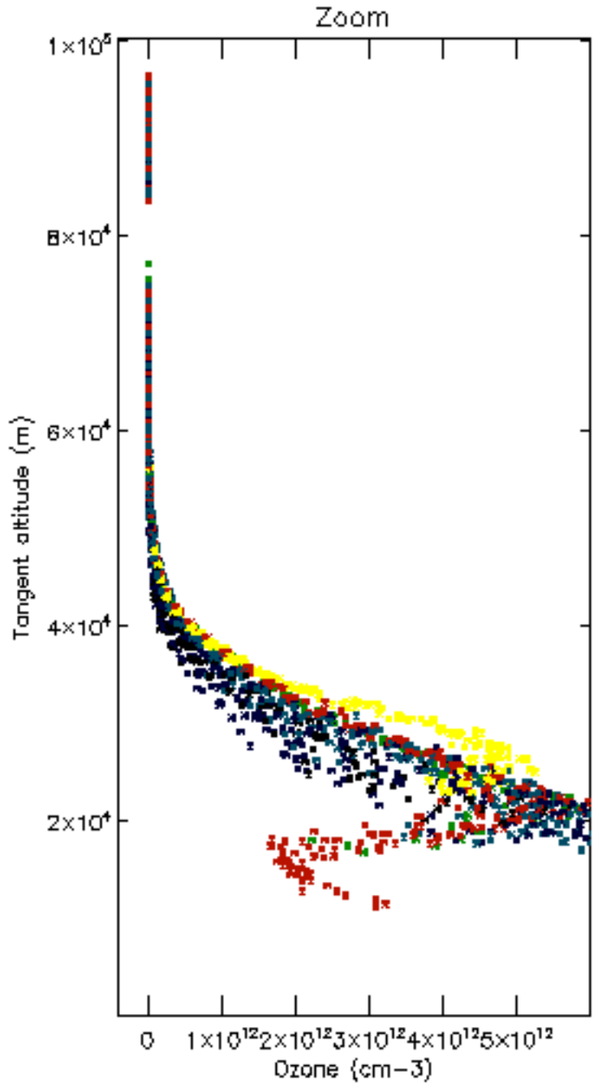

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

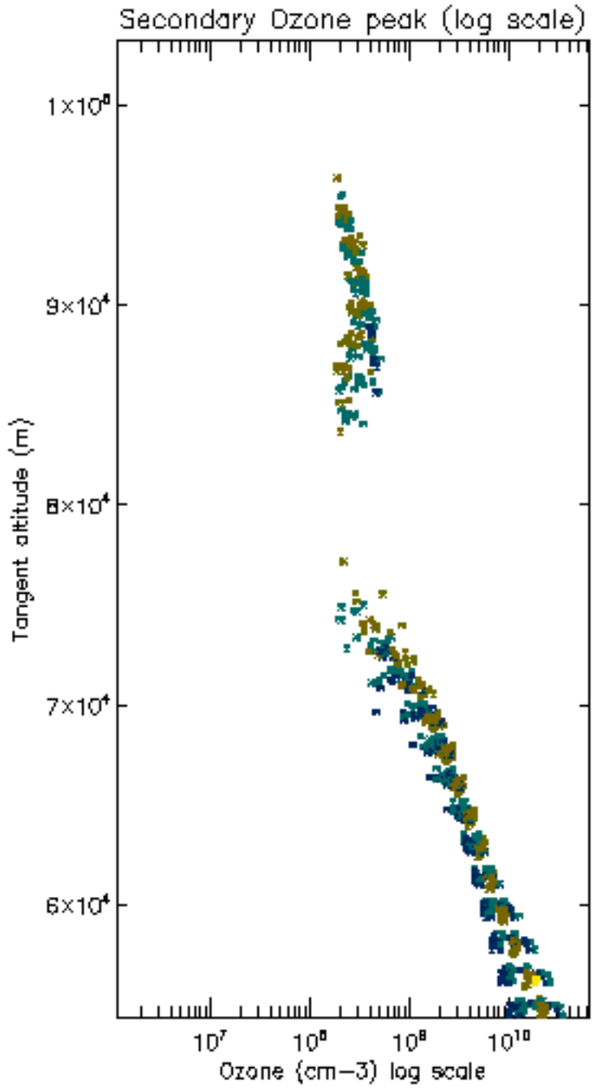

10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0 1×10¹³2×10¹³3×10¹³4×10¹³5×10¹³
Ozone (cm−3)

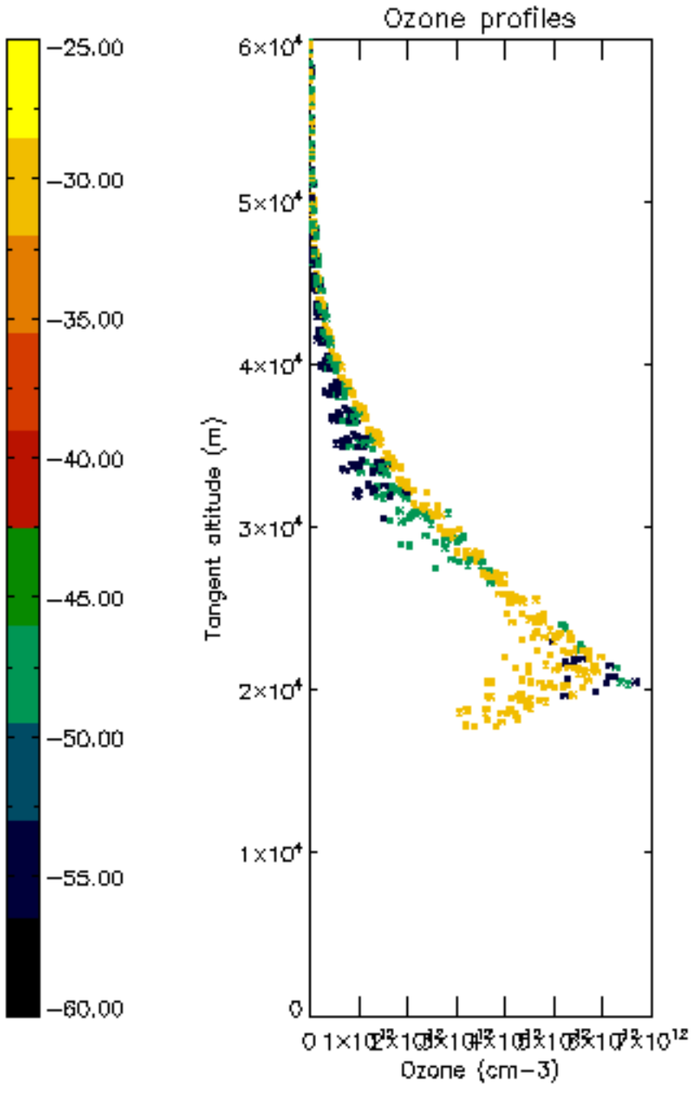

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)


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

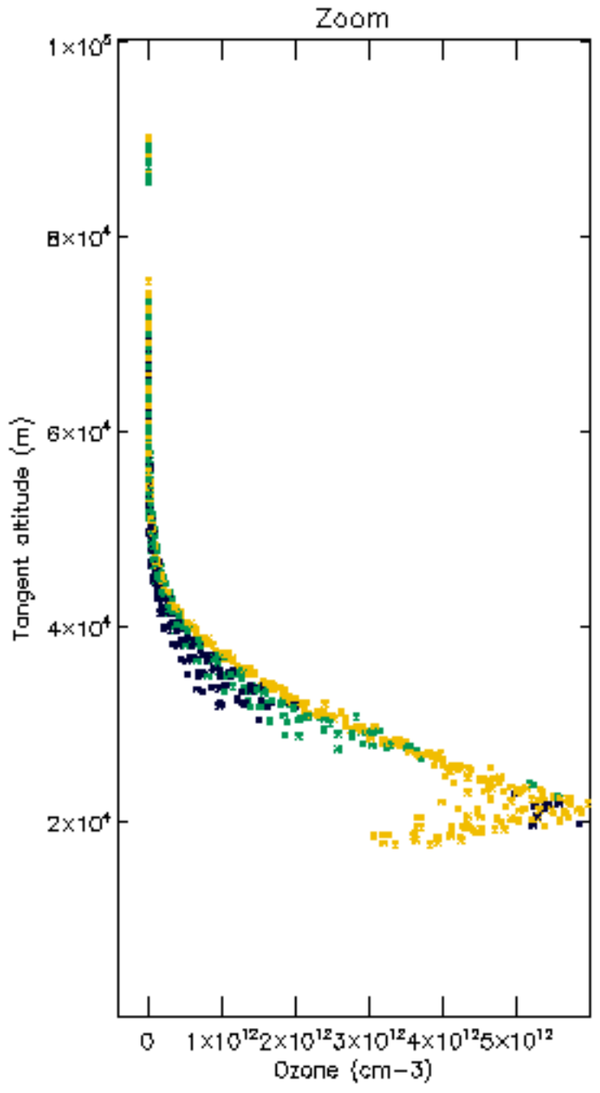

10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
Ozone (cm−3)

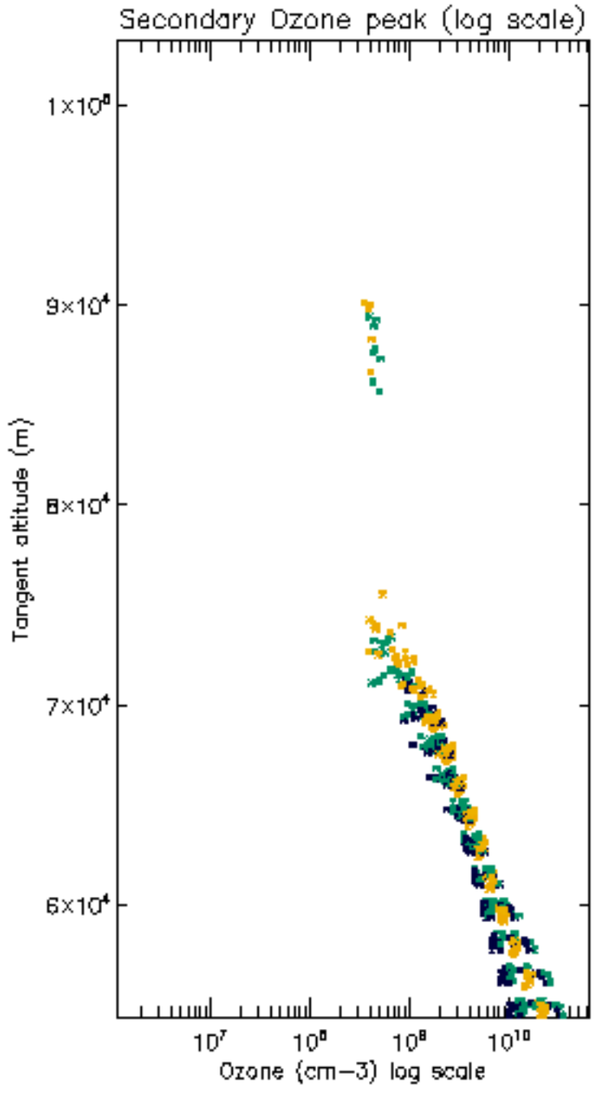

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

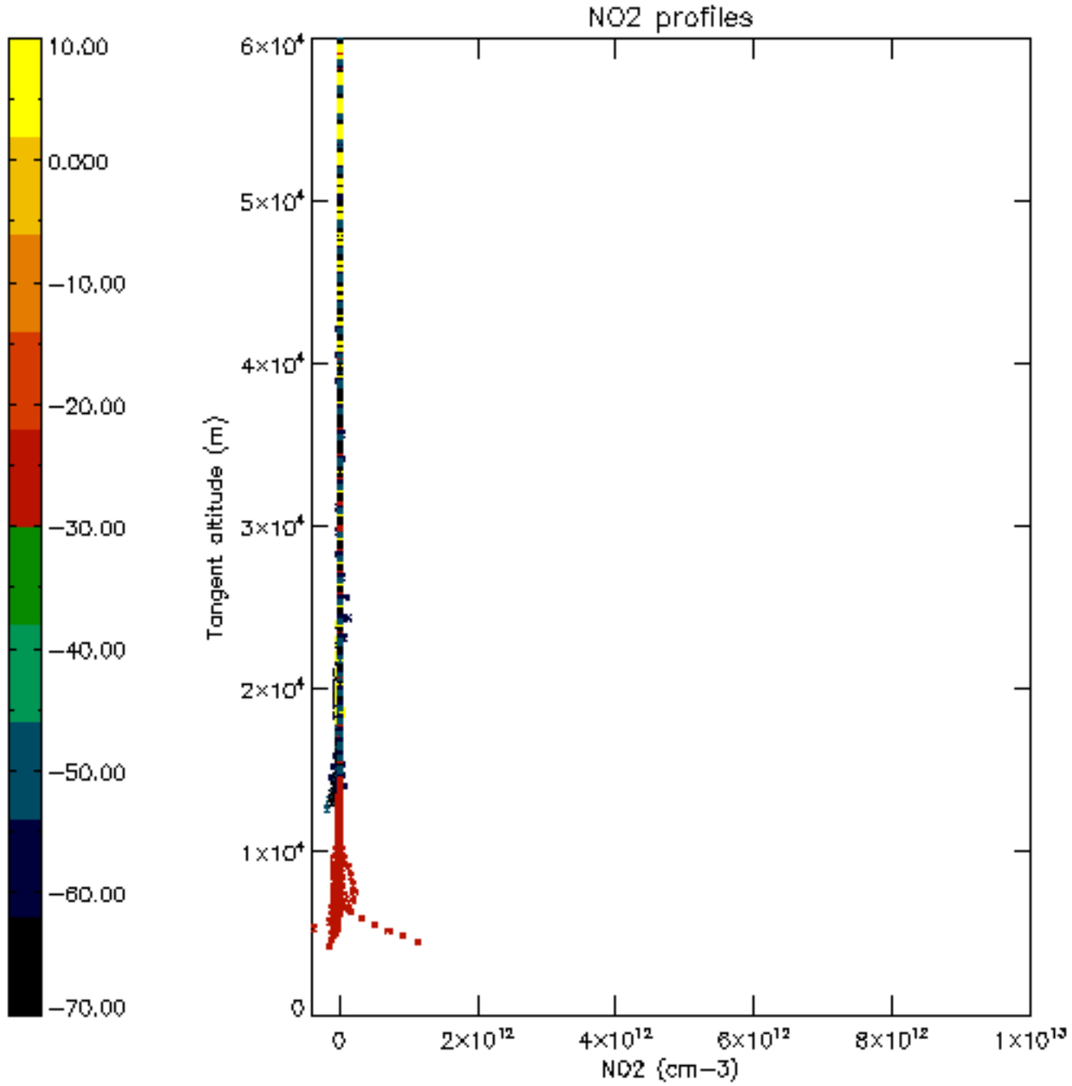

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

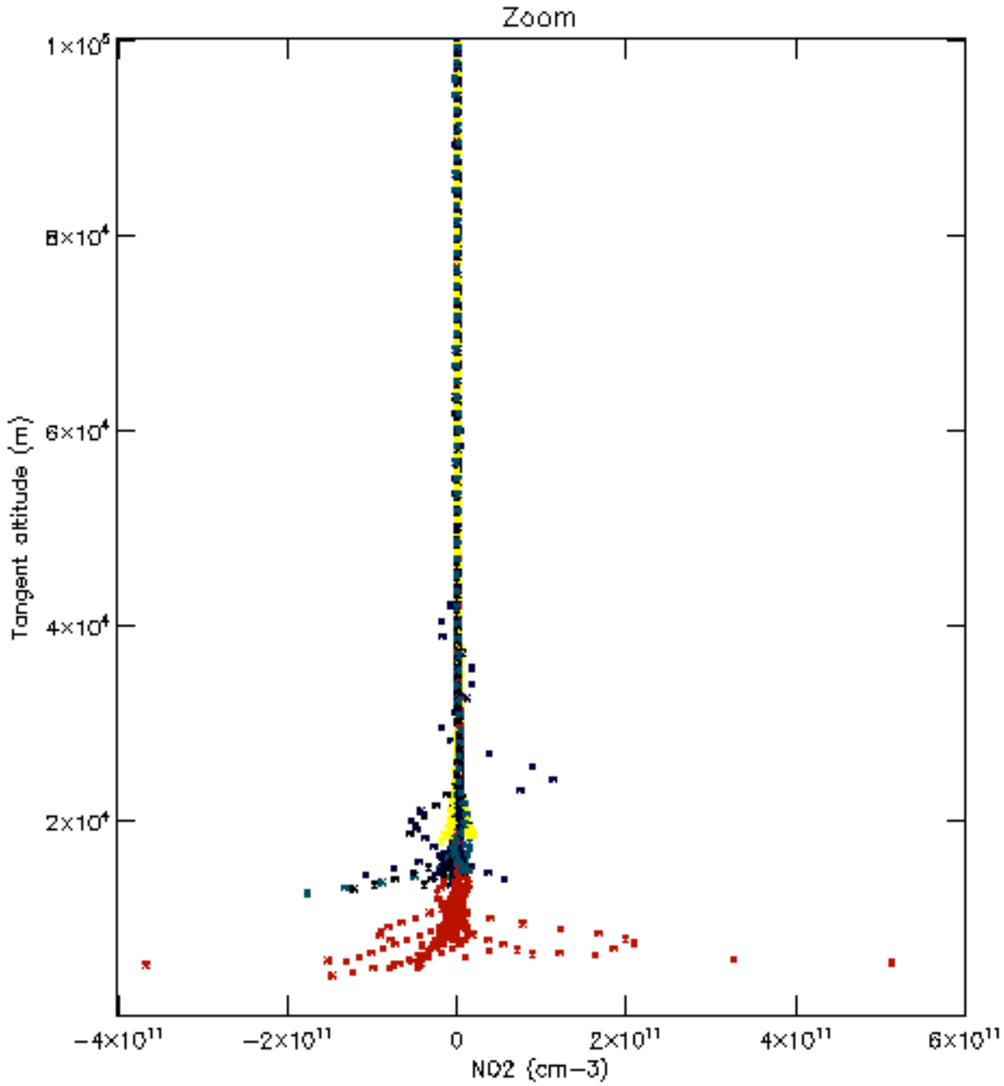

−25.00
−30.00
−35.00
−40.00
−45.00
−50.00
−55.00
−60.00

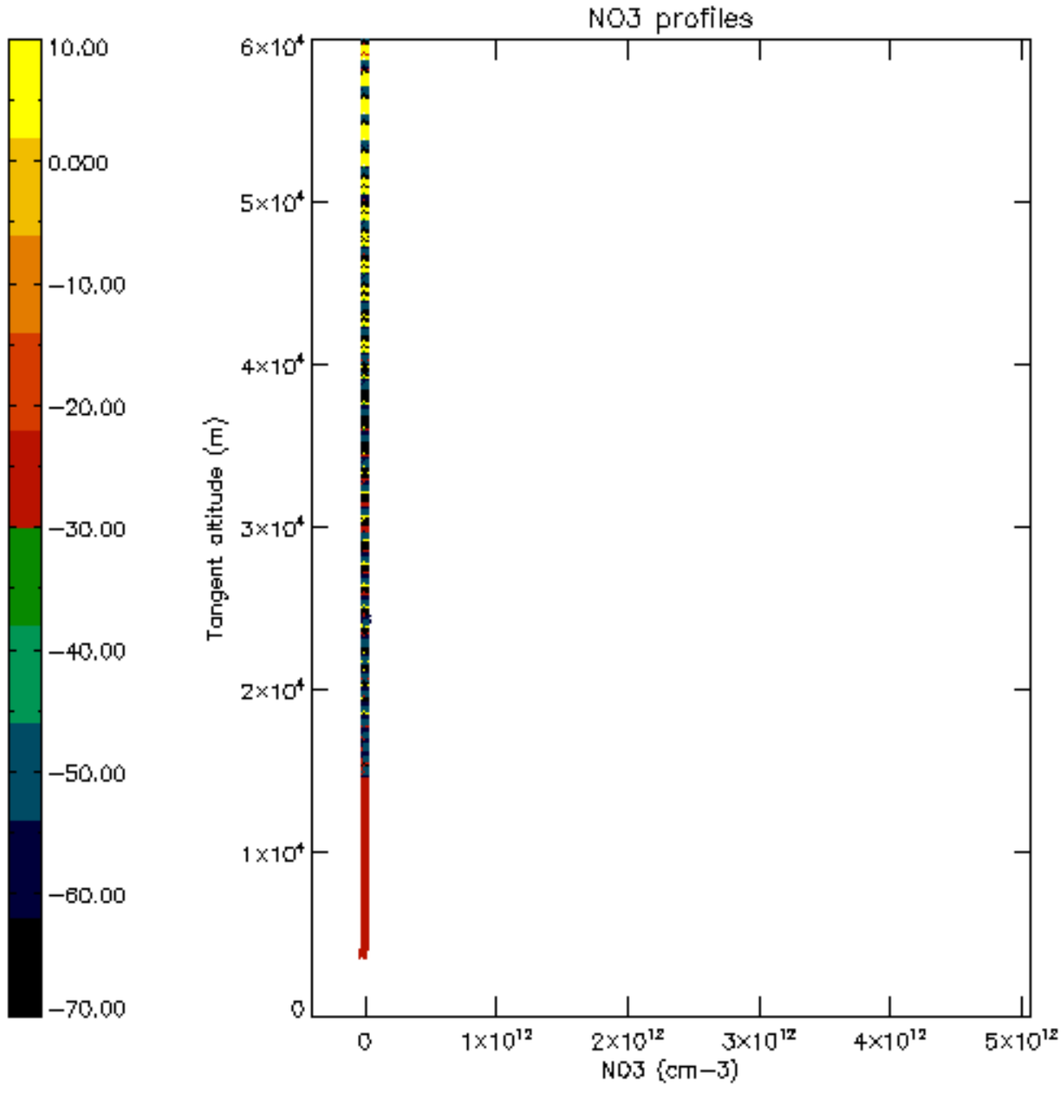
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹² 6×10¹² 7×10¹²
Ozone (cm−3)

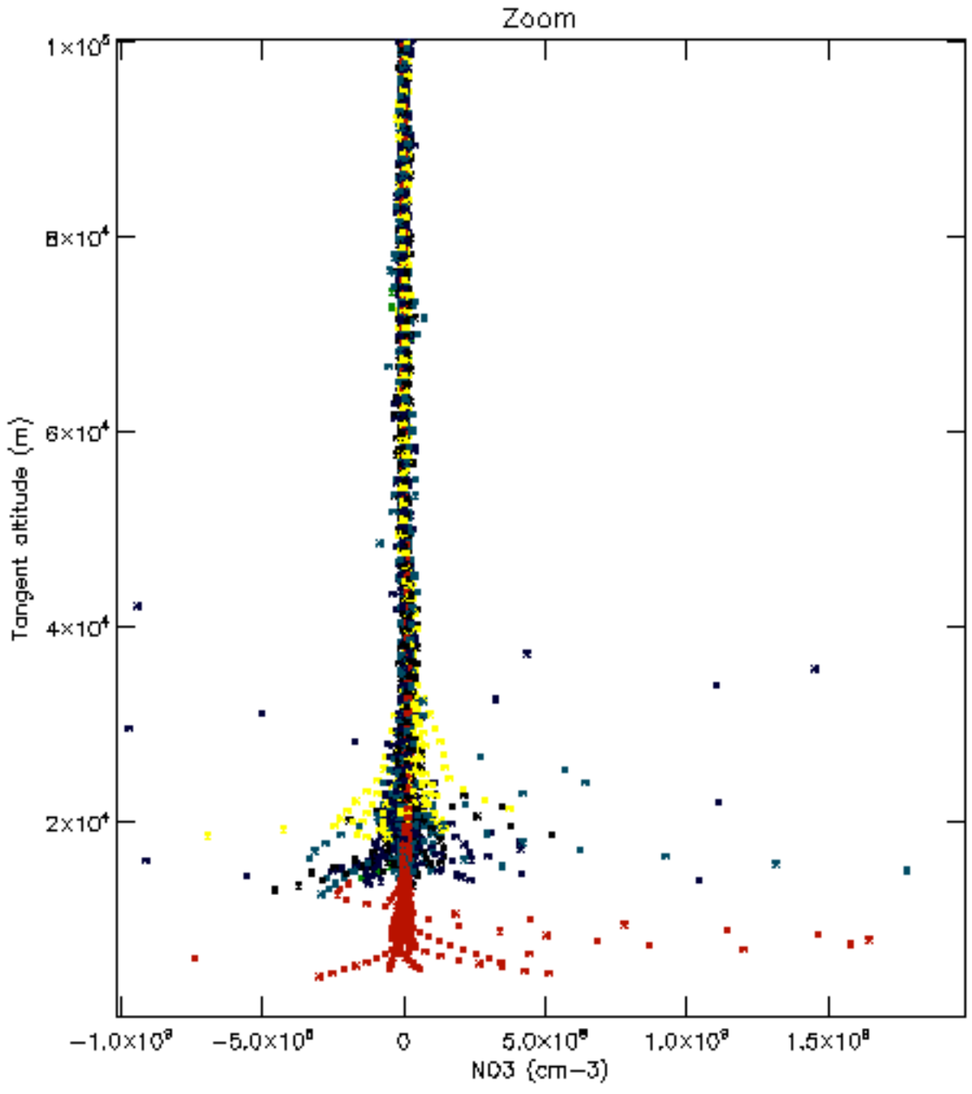

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

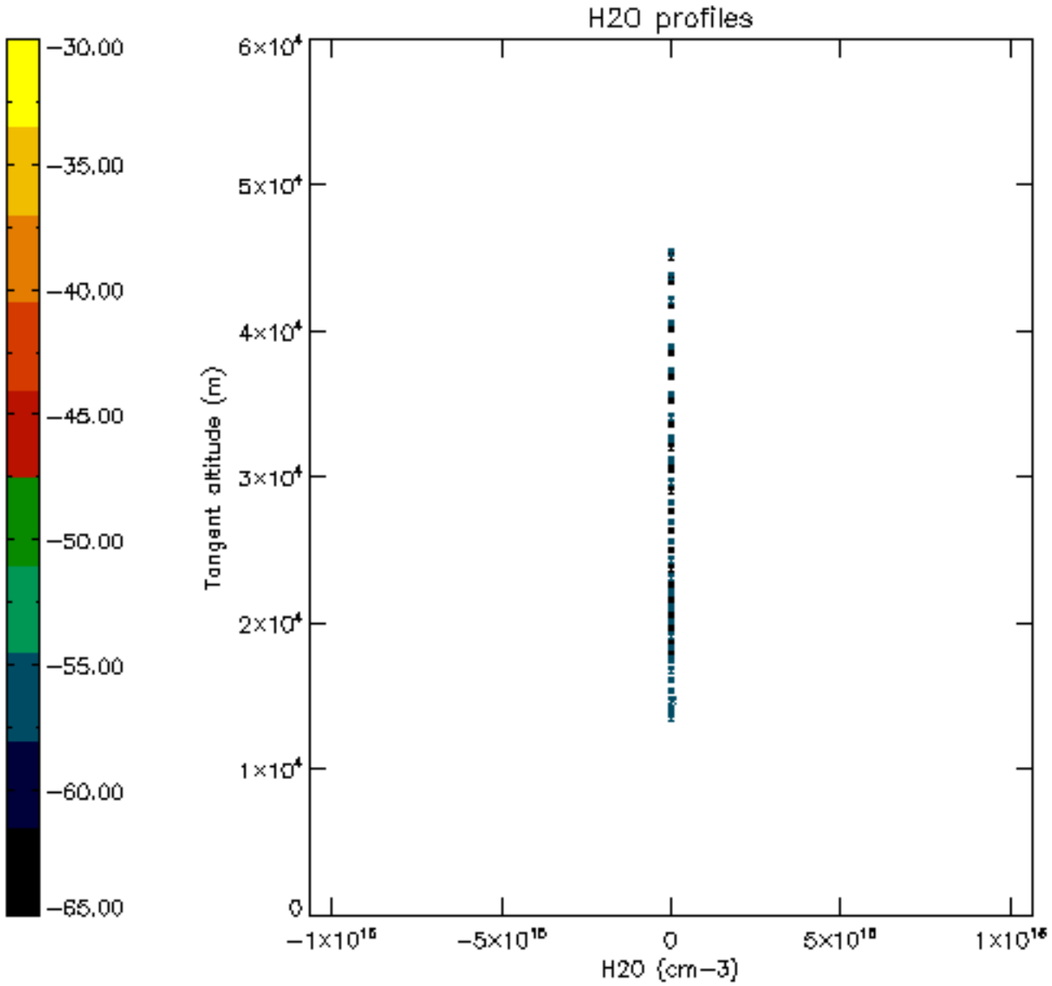

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

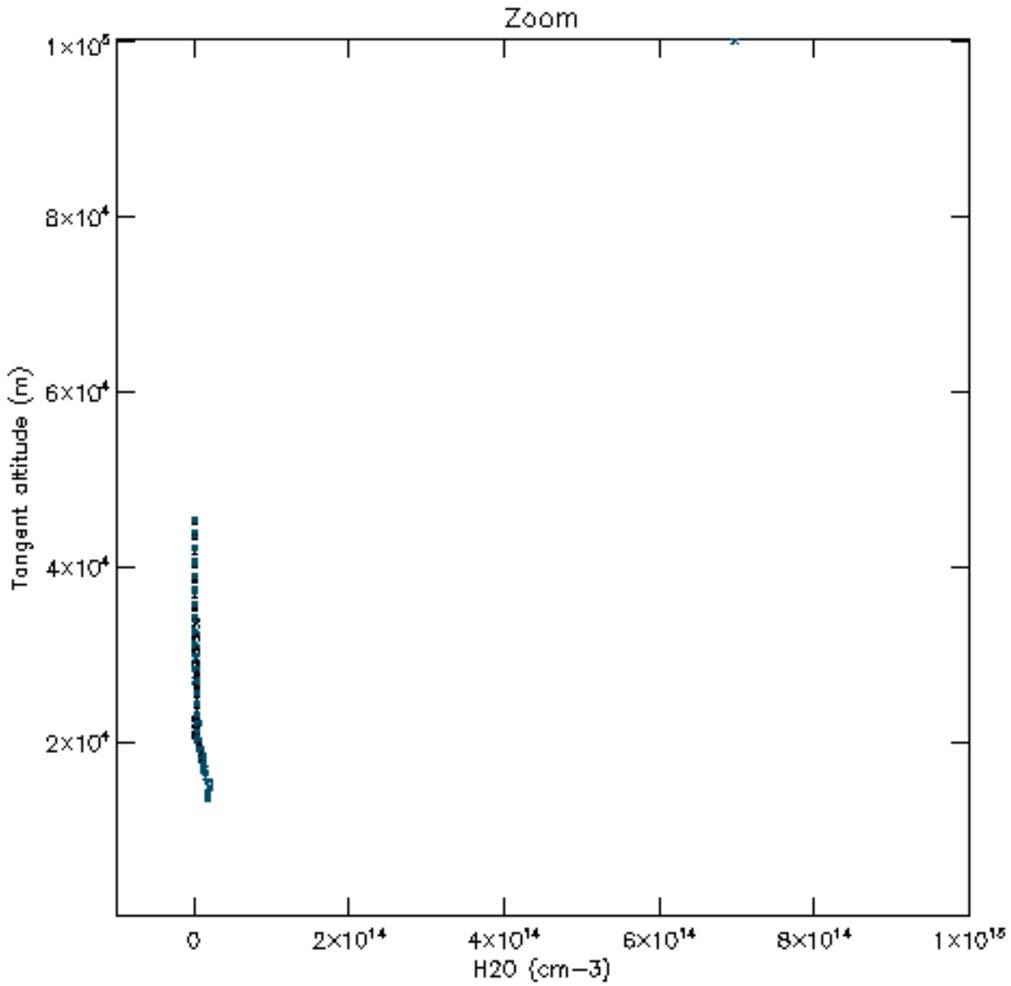

NO2 profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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


NO3 profiles
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


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


H2O profiles
−30.00
−35.00
−40.00
−45.00
−50.00
−55.00
−60.00
−65.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)


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