

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	23APR2013 23:21:51
Data source version	GOMOS/6.01
Start time of products	07-06-2006 (07JUN2006 00:00:00)
Stop time of products	08-06-2006 (08JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

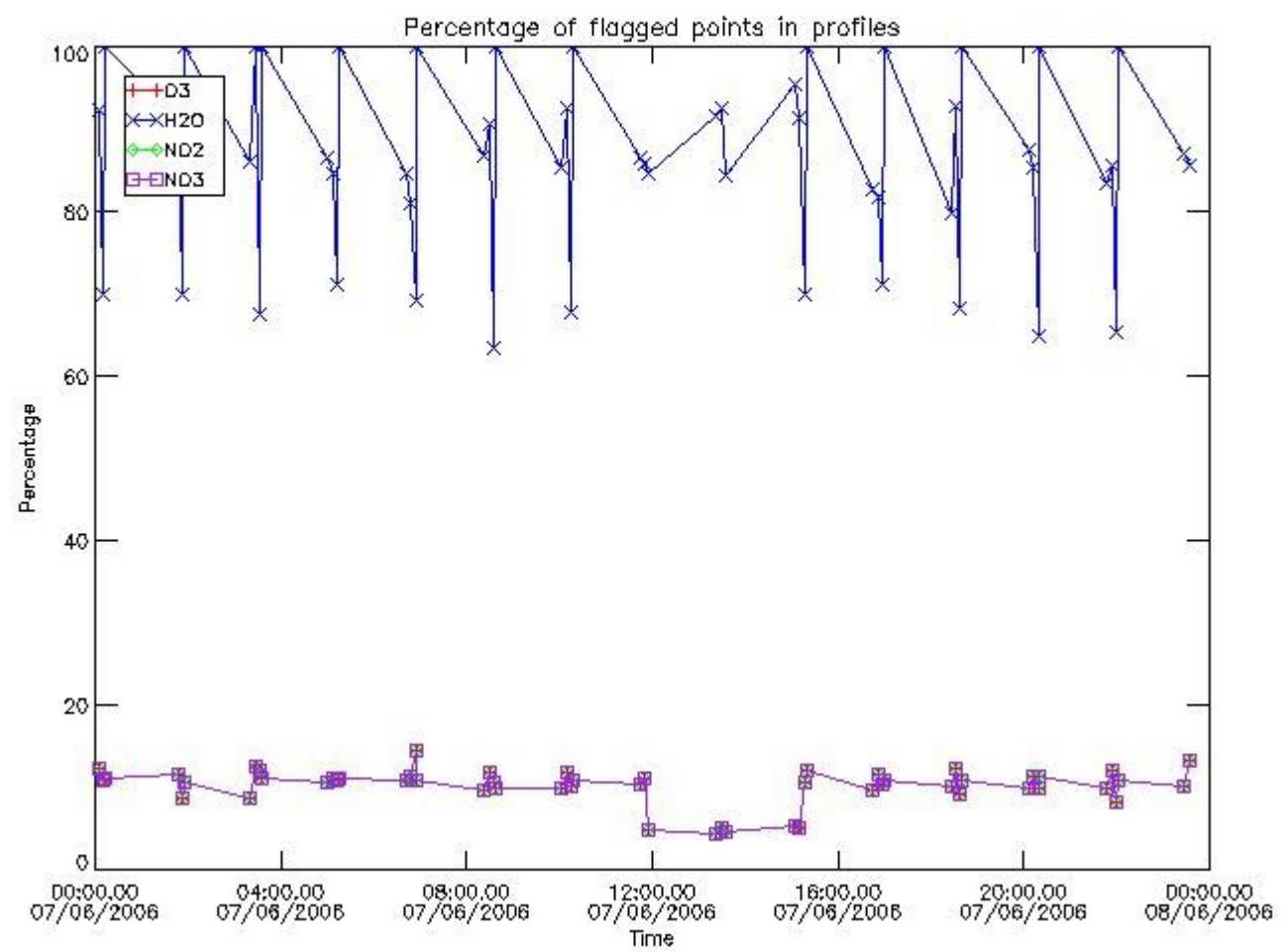
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060607_000543_000000462048_00216_22314_0596.N1	07-JUN-2006 00:05:43	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22314	No
2	GOM_NL__2PRFIN20060607_001127_000000472048_00217_22315_0620.N1	07-JUN-2006 00:11:27	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22315	No
3	GOM_NL__2PRFIN20060607_001325_000000462048_00217_22315_0621.N1	07-JUN-2006 00:13:25	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22315	No
4	GOM_NL__2PRFIN20060607_001800_000000422048_00217_22315_0622.N1	07-JUN-2006 00:18:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22315	No
5	GOM_NL__2PRFIN20060607_002504_000000412048_00217_22315_0623.N1	07-JUN-2006 00:25:04	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	22315	No
6	GOM_NL__2PRFIN20060607_002647_000000462048_00217_22315_0624.N1	07-JUN-2006 00:26:47	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22315	No
7	GOM_NL__2PRFIN20060607_002833_000000452048_00217_22315_0625.N1	07-JUN-2006 00:28:33	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22315	No
8	GOM_NL__2PRFIN20060607_003010_000000422048_00217_22315_0626.N1	07-JUN-2006 00:30:10	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	22315	No
9	GOM_NL__2PRFIN20060607_003244_000000462048_00217_22315_0627.N1	07-JUN-2006 00:32:44	Bright	45.500	16	21Alp Sco	1.0200	3000.0	91	22315	No
10	GOM_NL__2PRFIN20060607_003535_000000432048_00217_22315_0628.N1	07-JUN-2006 00:35:35	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22315	No
11	GOM_NL__2PRFIN20060607_003723_000000562048_00217_22315_0629.N1	07-JUN-2006 00:37:23	Bright	56.000	98	13Zet Oph	2.5710	30000.	112	22315	No
12	GOM_NL__2PRFIN20060607_003931_000000382048_00217_22315_0630.N1	07-JUN-2006 00:39:31	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22315	No
13	GOM_NL__2PRFIN20060607_004714_000000392048_00217_22315_0631.N1	07-JUN-2006 00:47:14	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22315	No
14	GOM_NL__2PRFIN20060607_005029_000000392048_00217_22315_0632.N1	07-JUN-2006 00:50:29	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22315	No
15	GOM_NL__2PRFIN20060607_005744_000000392048_00217_22315_0633.N1	07-JUN-2006 00:57:44	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22315	No
16	GOM_NL__2PRFIN20060607_011416_000000572048_00217_22315_0634.N1	07-JUN-2006 01:14:16	Bright	57.000	76	27Gam Cas	2.3000	30000.	114	22315	No
17	GOM_NL__2PRFIN20060607_011959_000000352048_00217_22315_0635.N1	07-JUN-2006 01:19:59	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22315	No
18	GOM_NL__2PRFIN20060607_012218_000000602048_00217_22315_0636.N1	07-JUN-2006 01:22:18	Bright	60.000	53	43Bet And	2.0480	3300.0	120	22315	No
19	GOM_NL__2PRFIN20060607_012626_000000422048_00217_22315_0637.N1	07-JUN-2006 01:26:26	Twilight	42.000	105	6Bet Ari	2.6450	8900.0	84	22315	No
20	GOM_NL__2PRFIN20060607_014620_000000452048_00217_22315_0638.N1	07-JUN-2006 01:46:20	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	22315	No
21	GOM_NL__2PRFIN20060607_015204_000000592048_00218_22316_0577.N1	07-JUN-2006 01:52:04	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	22316	No
22	GOM_NL__2PRFIN20060607_015402_000000482048_00218_22316_0578.N1	07-JUN-2006 01:54:02	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22316	No
23	GOM_NL__2PRFIN20060607_015837_000000412048_00218_22316_0579.N1	07-JUN-2006 01:58:37	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22316	No
24	GOM_NL__2PRFIN20060607_020540_000000382048_00218_22316_0580.N1	07-JUN-2006 02:05:40	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22316	No
25	GOM_NL__2PRFIN20060607_020723_000000452048_00218_22316_0581.N1	07-JUN-2006 02:07:23	Straylight	44.500	40	The Sco	1.8590	7100.0	89	22316	No
26	GOM_NL__2PRFIN20060607_020909_000000462048_00218_22316_0582.N1	07-JUN-2006 02:09:09	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	22316	No
27	GOM_NL__2PRFIN20060607_021047_000000462048_00218_22316_0583.N1	07-JUN-2006 02:10:47	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22316	No
28	GOM_NL__2PRFIN20060607_021320_000000542048_00218_22316_0584.N1	07-JUN-2006 02:13:20	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	22316	No
29	GOM_NL__2PRFIN20060607_021611_000000432048_00218_22316_0585.N1	07-JUN-2006 02:16:11	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22316	No
30	GOM_NL__2PRFIN20060607_021759_000000382048_00218_22316_0586.N1	07-JUN-2006 02:17:59	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22316	No
31	GOM_NL__2PRFIN20060607_022007_000000382048_00218_22316_0587.N1	07-JUN-2006 02:20:07	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22316	No
32	GOM_NL__2PRFIN20060607_022749_000000392048_00218_22316_0588.N1	07-JUN-2006 02:27:49	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22316	No
33	GOM_NL__2PRFIN20060607_023105_000000432048_00218_22316_0589.N1	07-JUN-2006 02:31:05	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	22316	No
34	GOM_NL__2PRFIN20060607_023819_000000392048_00218_22316_0590.N1	07-JUN-2006 02:38:19	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22316	No
35	GOM_NL__2PRFIN20060607_025452_000000362048_00218_22316_0591.N1	07-JUN-2006 02:54:52	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	22316	No
36	GOM_NL__2PRFIN20060607_030036_000000352048_00218_22316_0592.N1	07-JUN-2006 03:00:36	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22316	No
37	GOM_NL__2PRFIN20060607_030254_000000552048_00218_22316_0593.N1	07-JUN-2006 03:02:54	Bright	55.000	53	43Bet And	2.0480	3300.0	110	22316	No
38	GOM_NL__2PRFIN20060607_030702_000000412048_00218_22316_0594.N1	07-JUN-2006 03:07:02	Twilight	40.500	105	6Bet Ari	2.6450	8900.0	81	22316	No
39	GOM_NL__2PRFIN20060607_032022_000000582048_00218_22316_0595.N1	07-JUN-2006 03:20:22	Dark	58.000	52	16Bet Cet	2.0370	4500.0	116	22316	No
40	GOM_NL__2PRFIN20060607_032657_000000412048_00218_22316_0596.N1	07-JUN-2006 03:26:57	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	22316	No
41	GOM_NL__2PRFIN20060607_033240_000000512048_00219_22317_0577.N1	07-JUN-2006 03:32:40	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	22317	No
42	GOM_NL__2PRFIN20060607_033439_000000462048_00219_22317_0578.N1	07-JUN-2006 03:34:39	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22317	No

220	GOM_NL__2PRFIN20060607_190607_000000382048_00228_22326_0689.N1	07-JUN-2006 19:06:07	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22326	No
221	GOM_NL__2PRFIN20060607_191347_000000412048_00228_22326_0690.N1	07-JUN-2006 19:13:47	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22326	No
222	GOM_NL__2PRFIN20060607_191701_000000392048_00228_22326_0691.N1	07-JUN-2006 19:17:01	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22326	No
223	GOM_NL__2PRFIN20060607_192414_000000432048_00228_22326_0692.N1	07-JUN-2006 19:24:14	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22326	No
224	GOM_NL__2PRFIN20060607_194050_000000542048_00228_22326_0693.N1	07-JUN-2006 19:40:50	Bright	53.500	76	27Gam Cas	2.3000	30000.	107	22326	No
225	GOM_NL__2PRFIN20060607_194636_000000372048_00228_22326_0694.N1	07-JUN-2006 19:46:36	Bright	36.500	73	57Gam1And	2.2600	13100.	73	22326	No
226	GOM_NL__2PRFIN20060607_194854_000000512048_00228_22326_0695.N1	07-JUN-2006 19:48:54	Bright	51.000	53	43Bet And	2.0480	3300.0	102	22326	No
227	GOM_NL__2PRFIN20060607_195208_000000422048_00228_22326_0696.N1	07-JUN-2006 19:52:08	Twilight	41.500	50	13Alp Ari	2.0070	4250.0	83	22326	No
228	GOM_NL__2PRFIN20060607_200629_000000522048_00228_22326_0697.N1	07-JUN-2006 20:06:29	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22326	No
229	GOM_NL__2PRFIN20060607_201303_000000452048_00228_22326_0698.N1	07-JUN-2006 20:13:03	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22326	No
230	GOM_NL__2PRFIN20060607_201849_000000522048_00229_22327_0681.N1	07-JUN-2006 20:18:49	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22327	No
231	GOM_NL__2PRFIN20060607_202048_000000452048_00229_22327_0682.N1	07-JUN-2006 20:20:48	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22327	No
232	GOM_NL__2PRFIN20060607_202520_000000422048_00229_22327_0683.N1	07-JUN-2006 20:25:20	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22327	No
233	GOM_NL__2PRFIN20060607_203403_000000432048_00229_22327_0684.N1	07-JUN-2006 20:34:03	Straylight	42.500	40	The Sco	1.8590	7100.0	85	22327	No
234	GOM_NL__2PRFIN20060607_203549_000000472048_00229_22327_0685.N1	07-JUN-2006 20:35:49	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	22327	No
235	GOM_NL__2PRFIN20060607_203725_000000442048_00229_22327_0686.N1	07-JUN-2006 20:37:25	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	22327	No
236	GOM_NL__2PRFIN20060607_203958_000000432048_00229_22327_0687.N1	07-JUN-2006 20:39:58	Bright	43.000	16	21Alp Sco	1.0200	3000.0	86	22327	No
237	GOM_NL__2PRFIN20060607_204248_000000422048_00229_22327_0688.N1	07-JUN-2006 20:42:48	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	22327	No
238	GOM_NL__2PRFIN20060607_204435_000000392048_00229_22327_0689.N1	07-JUN-2006 20:44:35	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22327	No
239	GOM_NL__2PRFIN20060607_204643_000000372048_00229_22327_0690.N1	07-JUN-2006 20:46:43	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22327	No
240	GOM_NL__2PRFIN20060607_205422_000000402048_00229_22327_0691.N1	07-JUN-2006 20:54:22	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22327	No
241	GOM_NL__2PRFIN20060607_205737_000000392048_00229_22327_0692.N1	07-JUN-2006 20:57:37	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22327	No
242	GOM_NL__2PRFIN20060607_210449_000000442048_00229_22327_0693.N1	07-JUN-2006 21:04:49	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	22327	No
243	GOM_NL__2PRFIN20060607_212126_000000382048_00229_22327_0694.N1	07-JUN-2006 21:21:26	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22327	No
244	GOM_NL__2PRFIN20060607_212712_000000542048_00229_22327_0695.N1	07-JUN-2006 21:27:12	Bright	54.000	73	57Gam1And	2.2600	13100.	108	22327	No
245	GOM_NL__2PRFIN20060607_212930_000000492048_00229_22327_0696.N1	07-JUN-2006 21:29:30	Bright	48.500	53	43Bet And	2.0480	3300.0	97	22327	No
246	GOM_NL__2PRFIN20060607_213244_000000462048_00229_22327_0697.N1	07-JUN-2006 21:32:44	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	22327	No
247	GOM_NL__2PRFIN20060607_214706_000000522048_00229_22327_0698.N1	07-JUN-2006 21:47:06	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22327	No
248	GOM_NL__2PRFIN20060607_215339_000000422048_00229_22327_0699.N1	07-JUN-2006 21:53:39	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	22327	No
249	GOM_NL__2PRFIN20060607_215926_000000632048_00230_22328_0682.N1	07-JUN-2006 21:59:26	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	22328	No
250	GOM_NL__2PRFIN20060607_220125_000000472048_00230_22328_0683.N1	07-JUN-2006 22:01:25	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22328	No
251	GOM_NL__2PRFIN20060607_220556_000000412048_00230_22328_0684.N1	07-JUN-2006 22:05:56	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22328	No
252	GOM_NL__2PRFIN20060607_221439_000000442048_00230_22328_0685.N1	07-JUN-2006 22:14:39	Straylight	43.500	40	The Sco	1.8590	7100.0	87	22328	No
253	GOM_NL__2PRFIN20060607_221625_000000452048_00230_22328_0686.N1	07-JUN-2006 22:16:25	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	22328	No
254	GOM_NL__2PRFIN20060607_221801_000000452048_00230_22328_0687.N1	07-JUN-2006 22:18:01	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22328	No
255	GOM_NL__2PRFIN20060607_222034_000000432048_00230_22328_0688.N1	07-JUN-2006 22:20:34	Bright	43.000	16	21Alp Sco	1.0200	3000.0	86	22328	No
256	GOM_NL__2PRFIN20060607_222324_000000422048_00230_22328_0689.N1	07-JUN-2006 22:23:24	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22328	No
257	GOM_NL__2PRFIN20060607_222511_000000392048_00230_22328_0690.N1	07-JUN-2006 22:25:11	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22328	No
258	GOM_NL__2PRFIN20060607_222719_000000372048_00230_22328_0691.N1	07-JUN-2006 22:27:19	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22328	No
259	GOM_NL__2PRFIN20060607_223458_000000402048_00230_22328_0692.N1	07-JUN-2006 22:34:58	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22328	No
260	GOM_NL__2PRFIN20060607_223812_000000432048_00230_22328_0693.N1	07-JUN-2006 22:38:12	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	22328	No
261	GOM_NL__2PRFIN20060607_224525_000000402048_00230_22328_0694.N1	07-JUN-2006 22:45:25	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	22328	No
262	GOM_NL__2PRFIN20060607_230202_000000572048_00230_22328_0695.N1	07-JUN-2006 23:02:02	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	22328	No
263	GOM_NL__2PRFIN20060607_230748_000000512048_00230_22328_0696.N1	07-JUN-2006 23:07:48	Bright	51.000	73	57Gam1And	2.2600	13100.	102	22328	No
264	GOM_NL__2PRFIN20060607_231007_000000502048_00230_22328_0697.N1	07-JUN-2006 23:10:07	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22328	No
265	GOM_NL__2PRFIN20060607_231320_000000492048_00230_22328_0698.N1	07-JUN-2006 23:13:20	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	22328	No
266	GOM_NL__2PRFIN20060607_232742_000000512048_00230_22328_0699.N1	07-JUN-2006 23:27:42	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22328	No
267	GOM_NL__2PRFIN20060607_233416_000000422048_00230_22328_0700.N1	07-JUN-2006 23:34:16	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	22328	No

3. Quality information per product

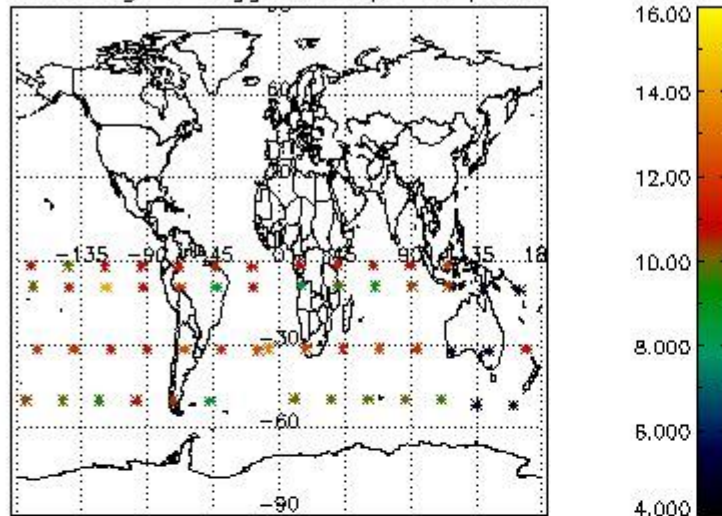
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

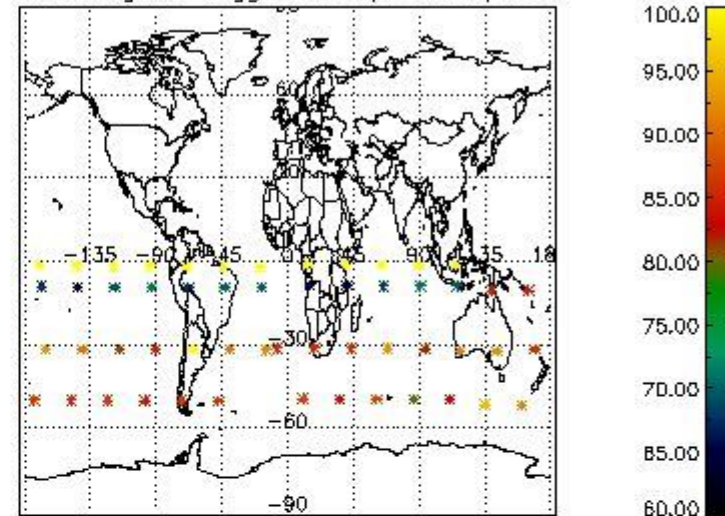


3.2 Plot quality information per product (world map)

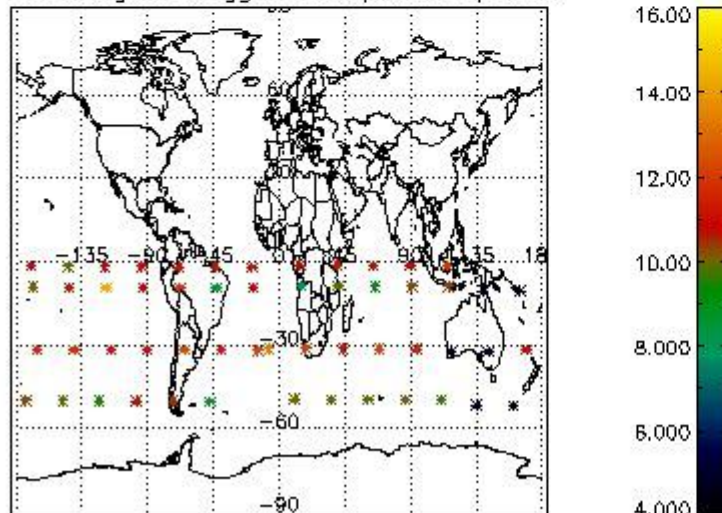
Percentage of flagged data per O3 profile



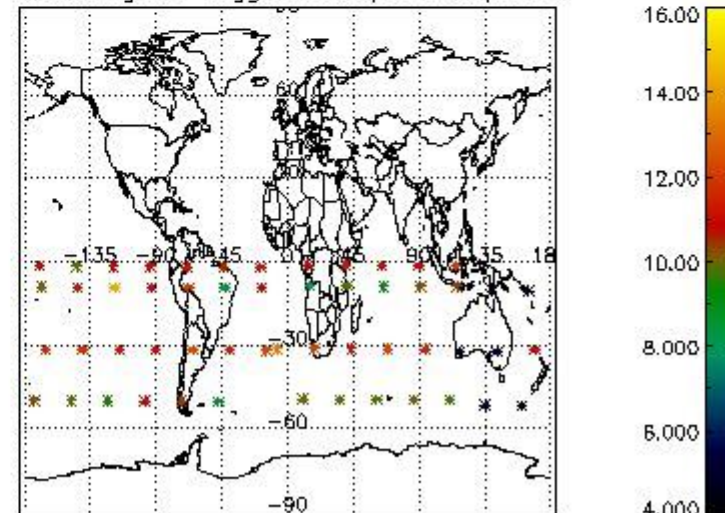
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

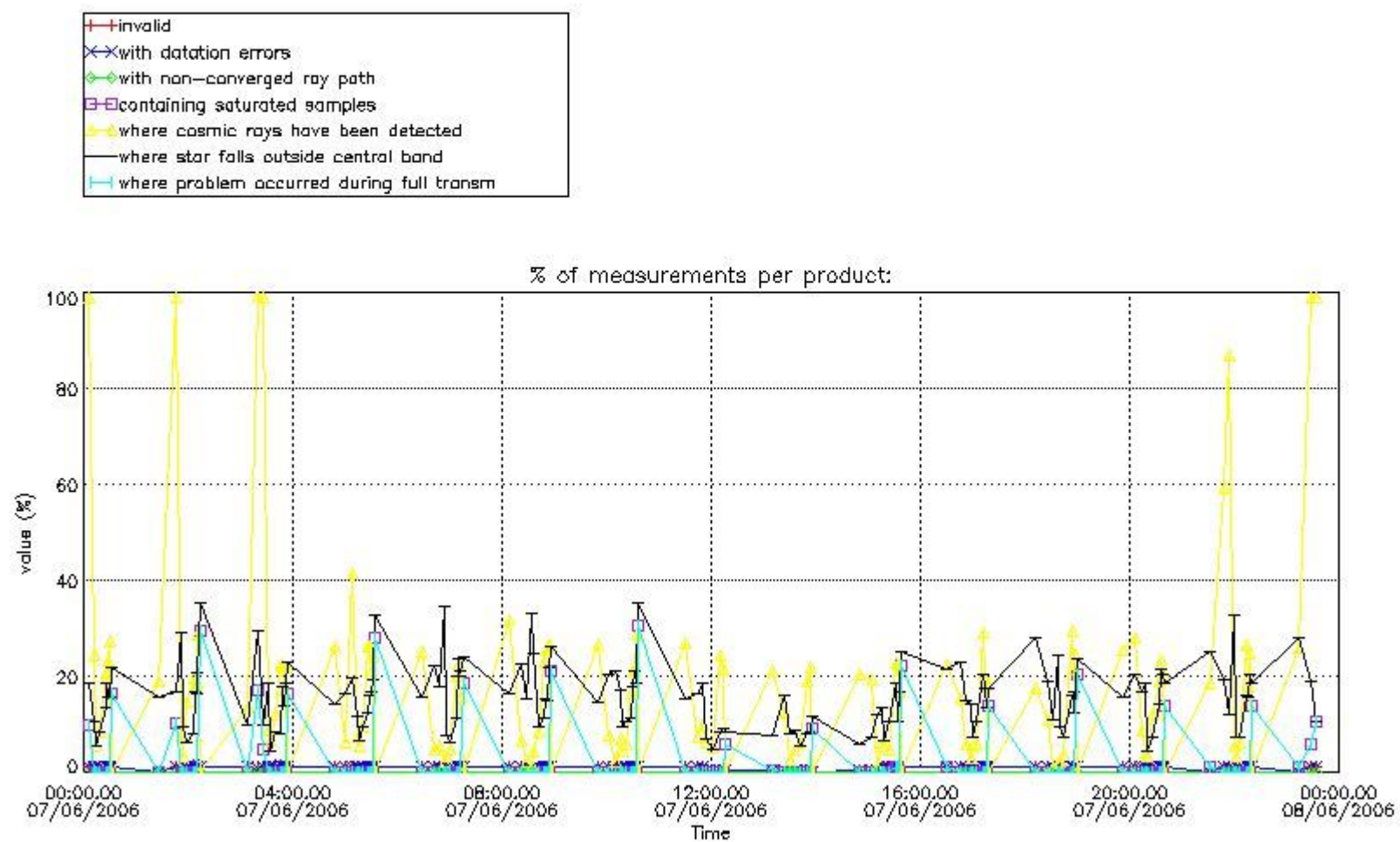


4. Level 1 quality information per product

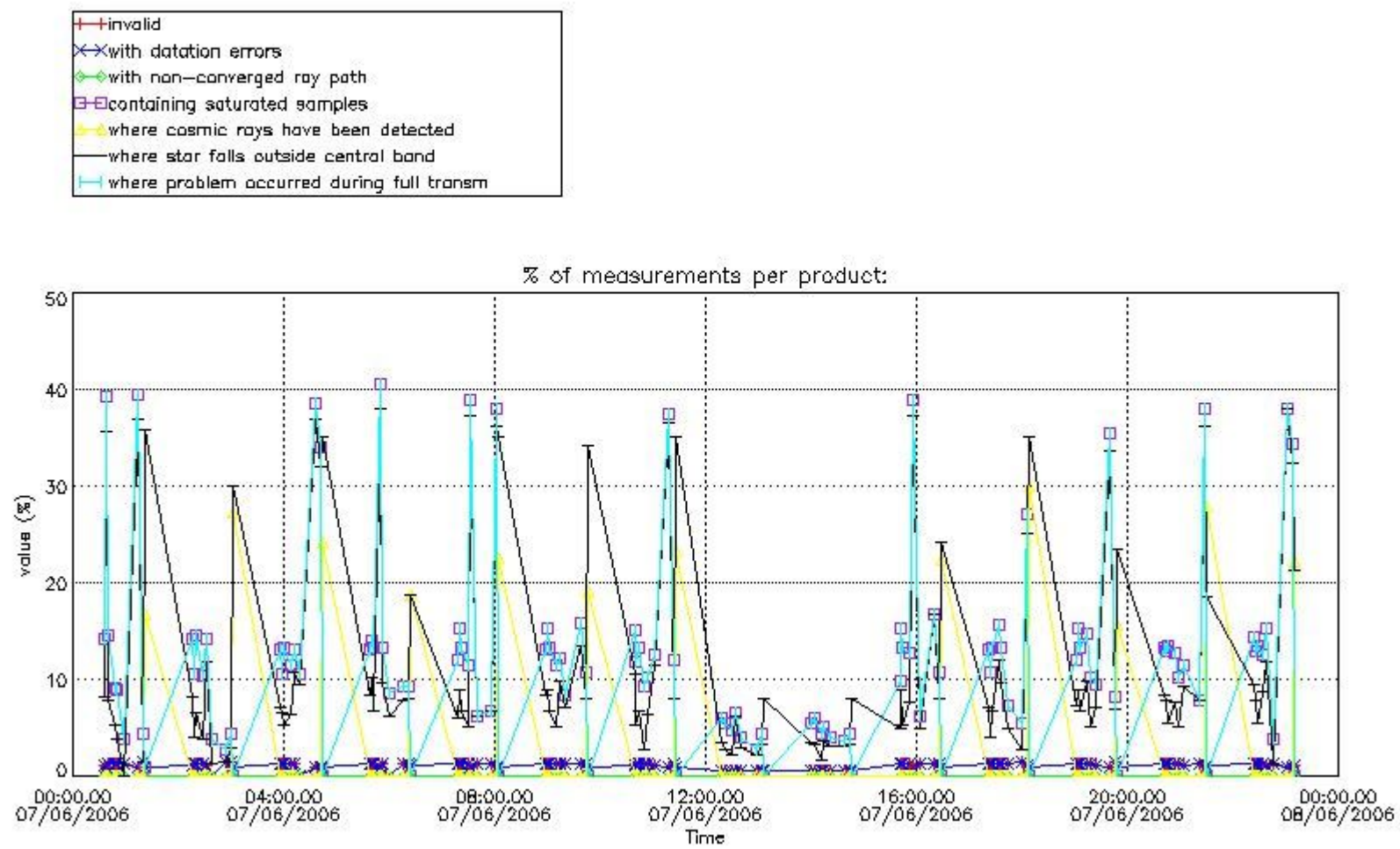
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

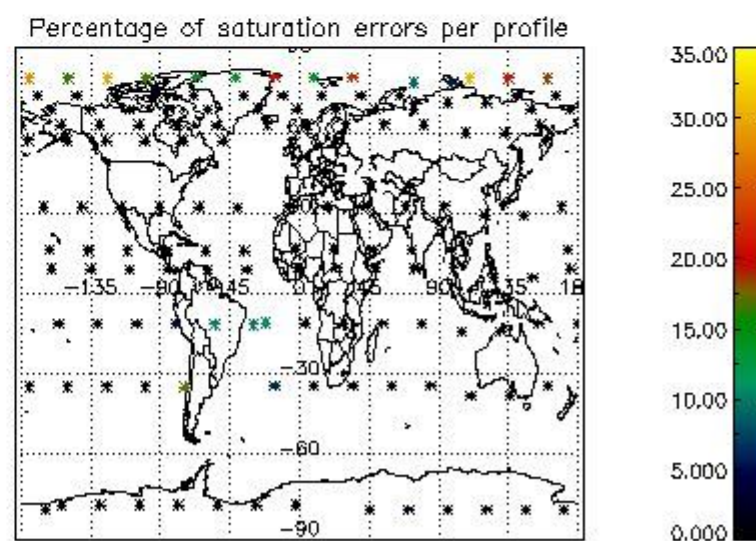
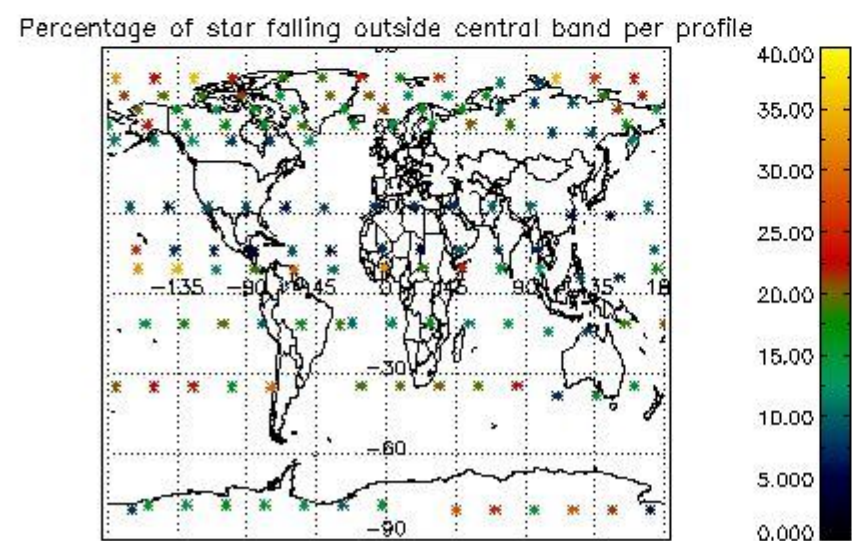
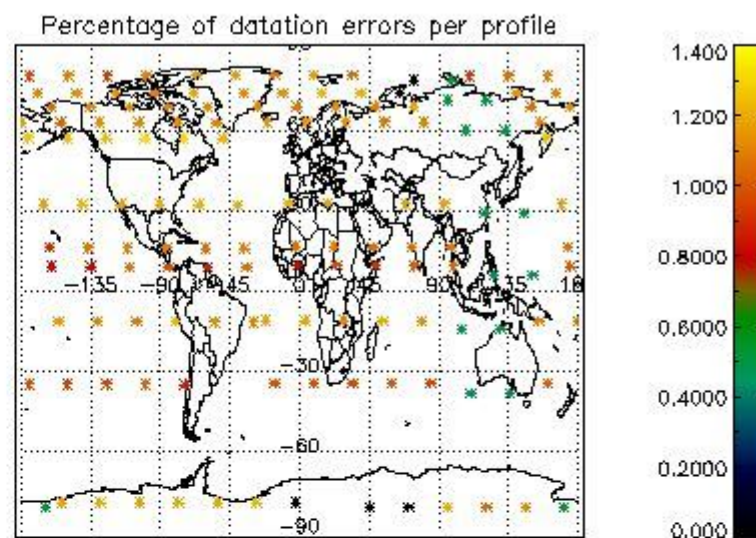
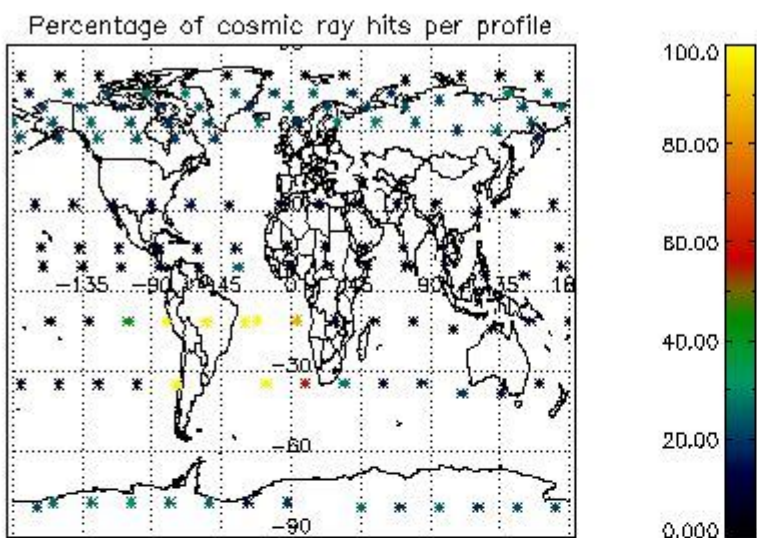


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

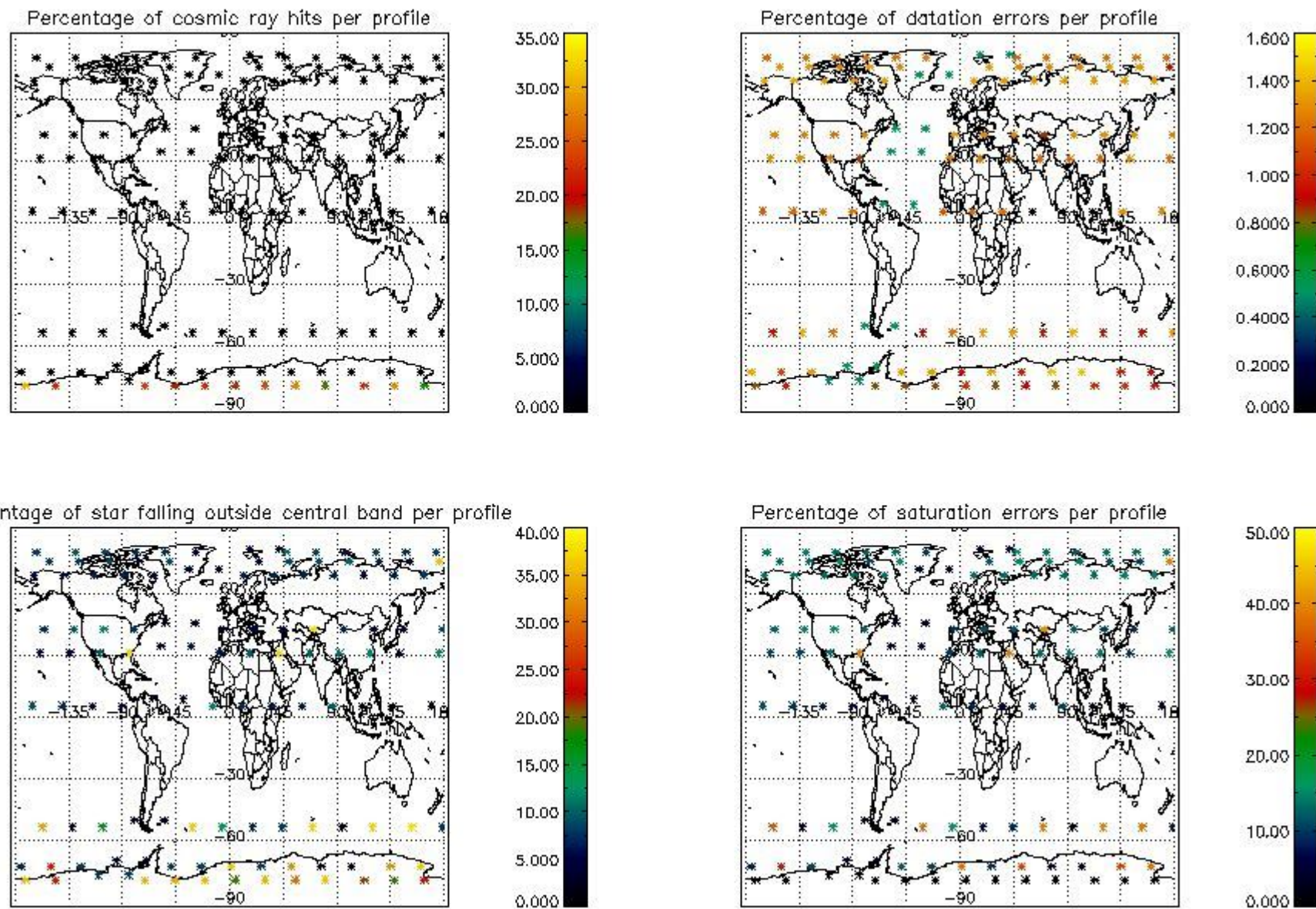


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

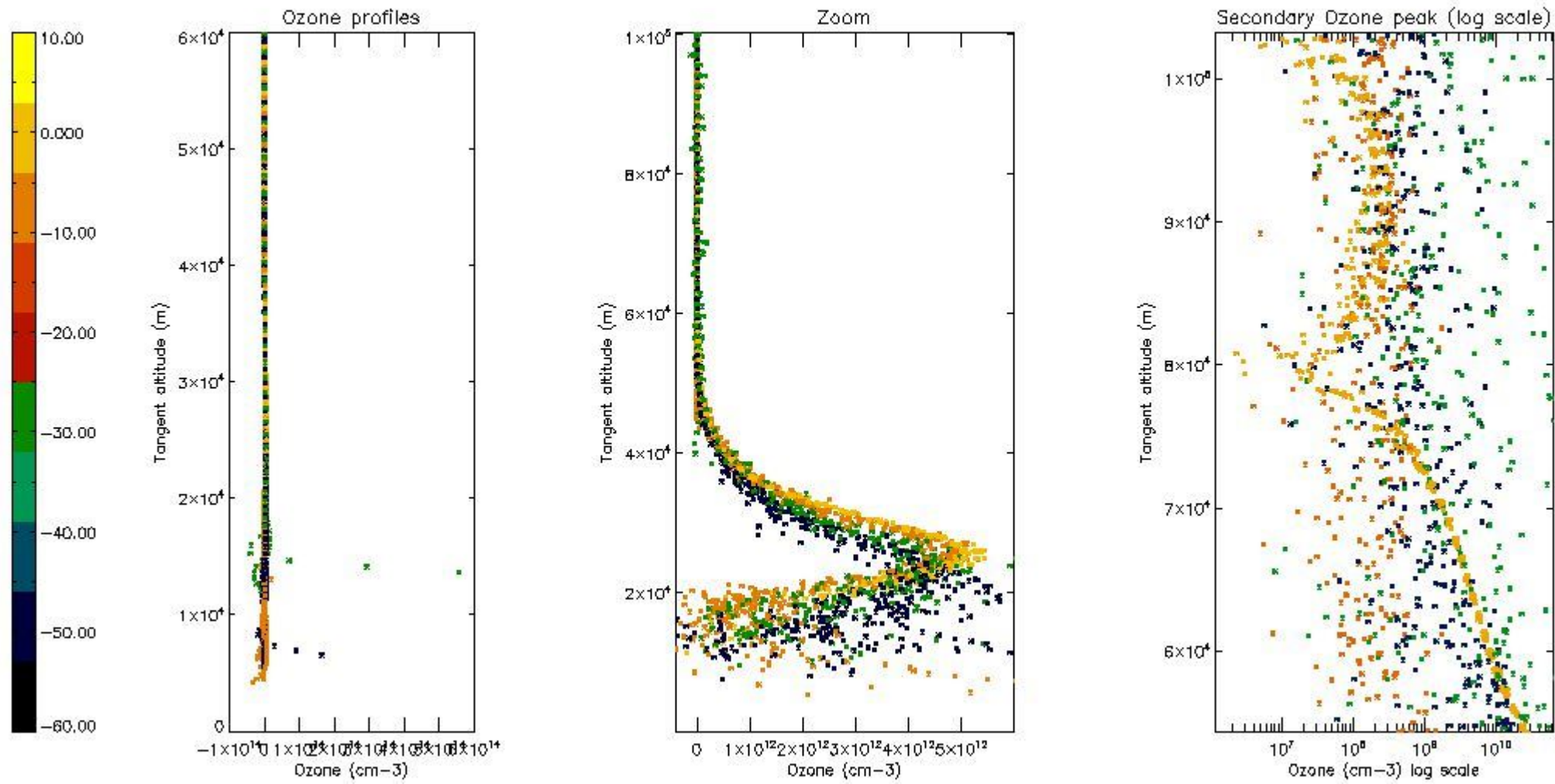
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	7

STD < 10	4
STD < 5	2

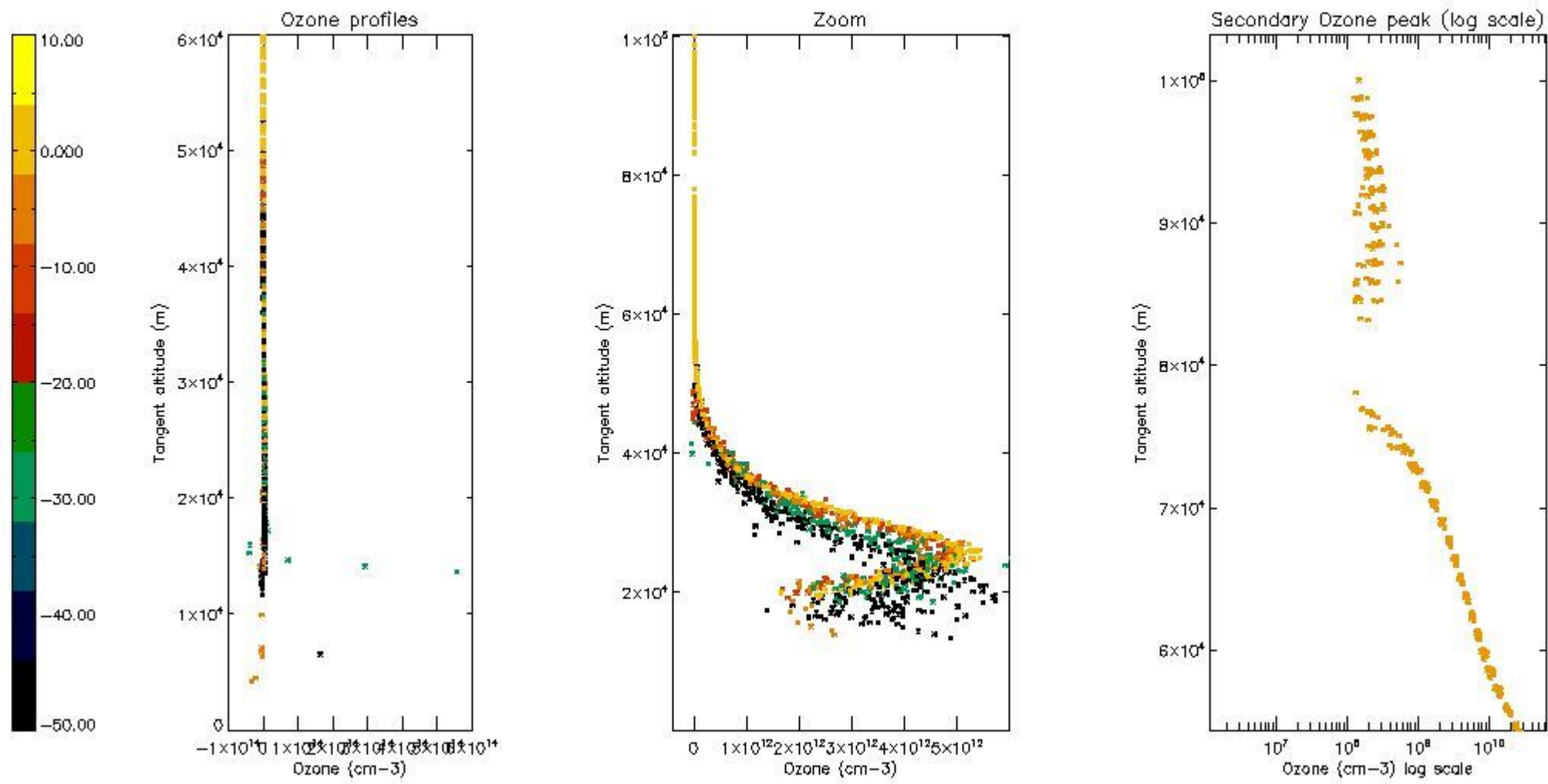
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



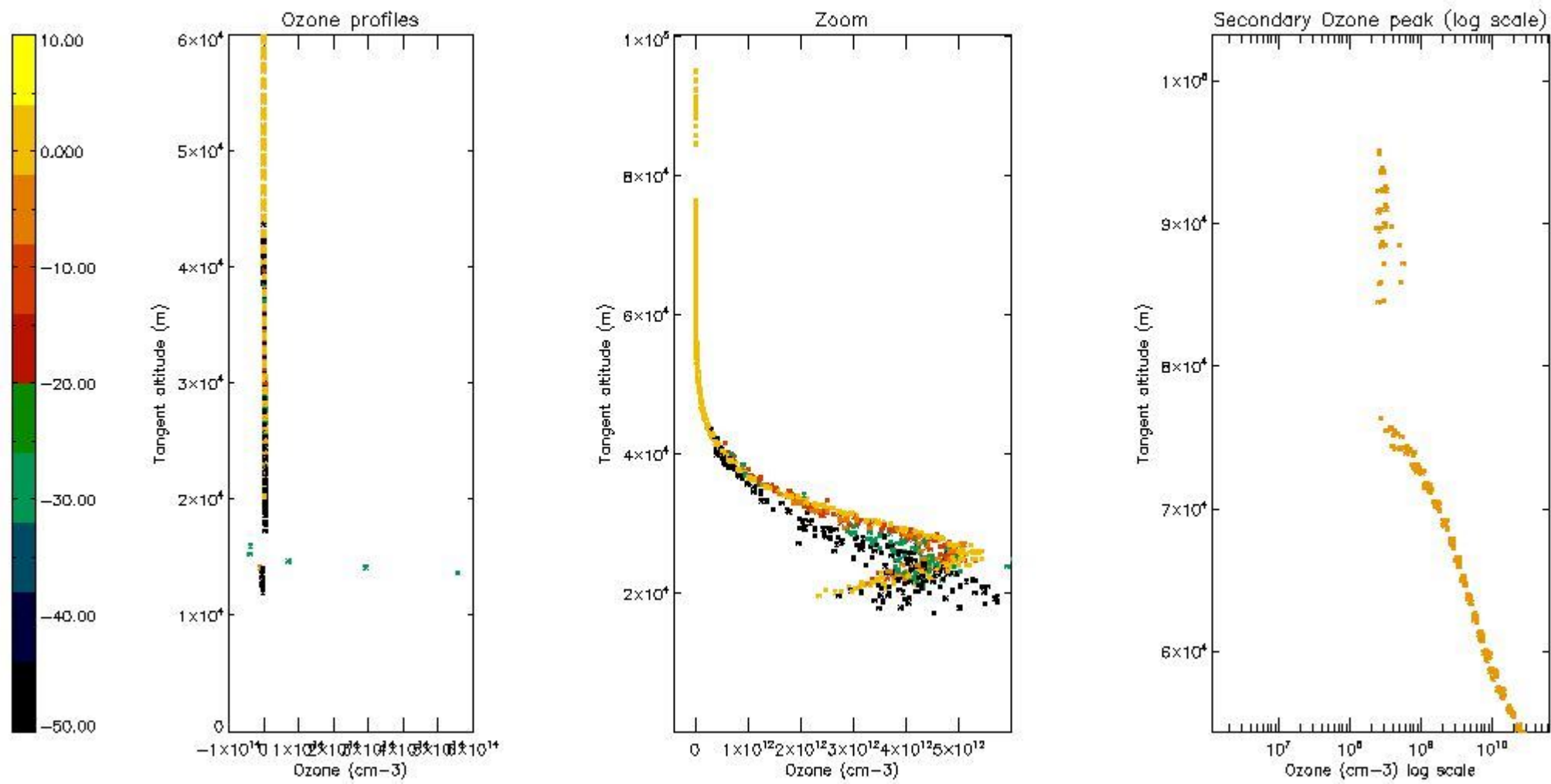
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



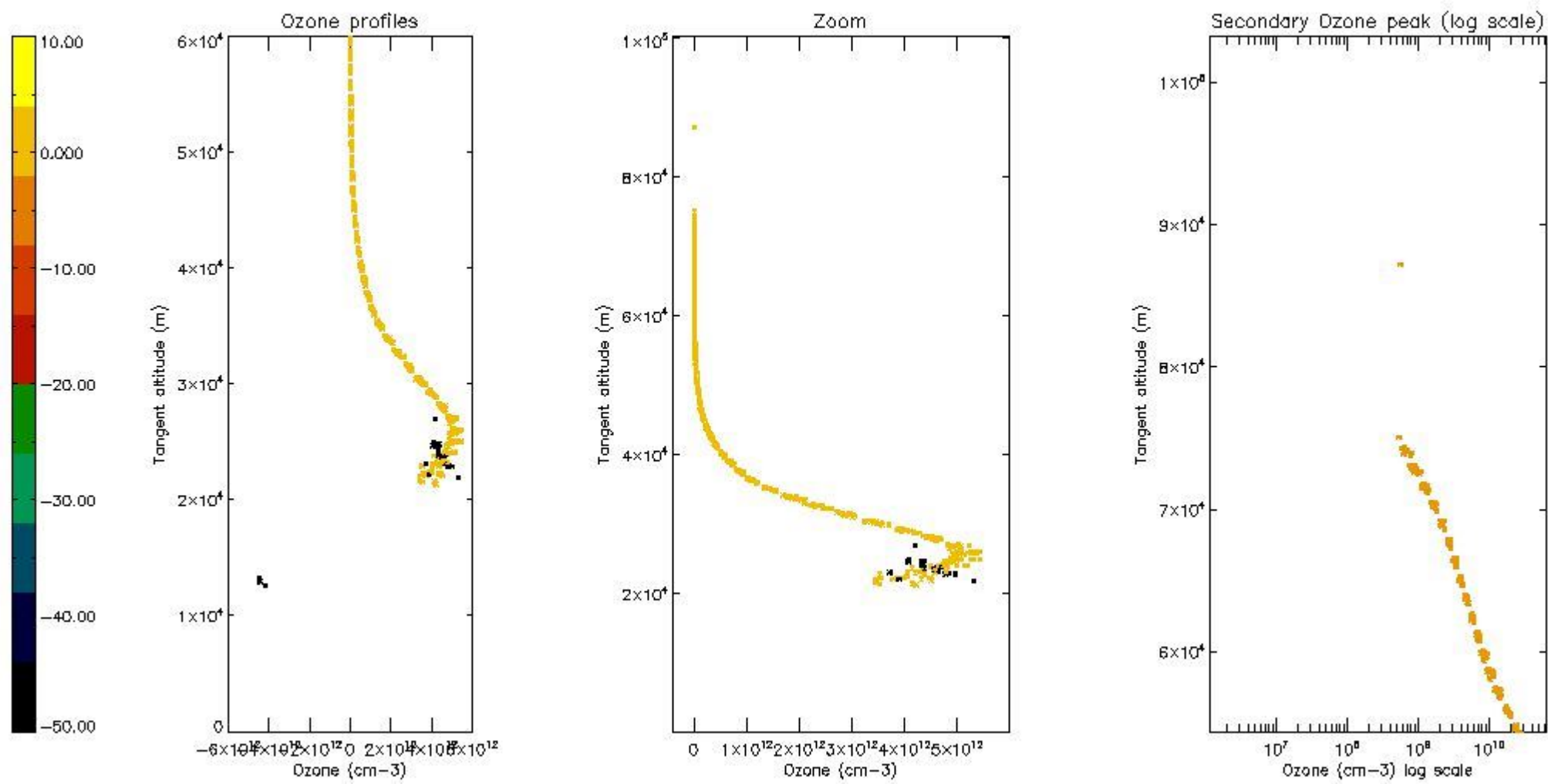
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



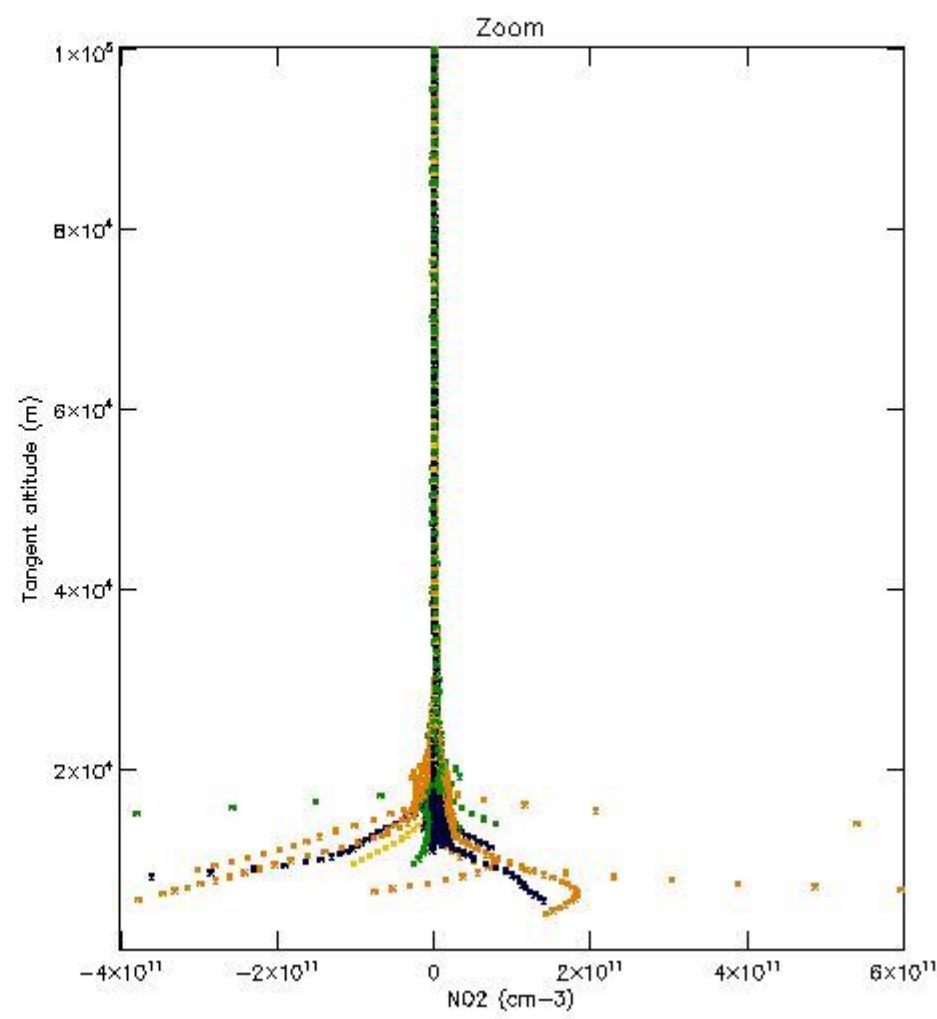
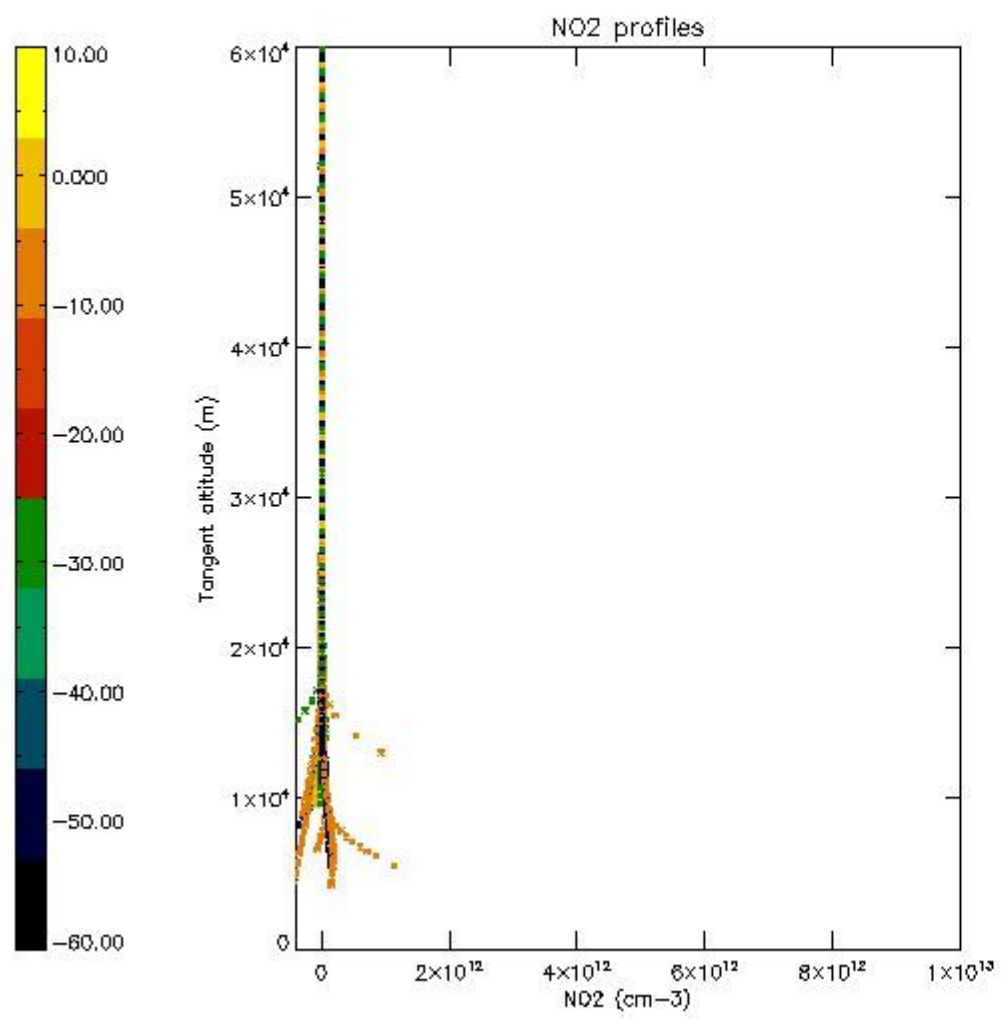
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



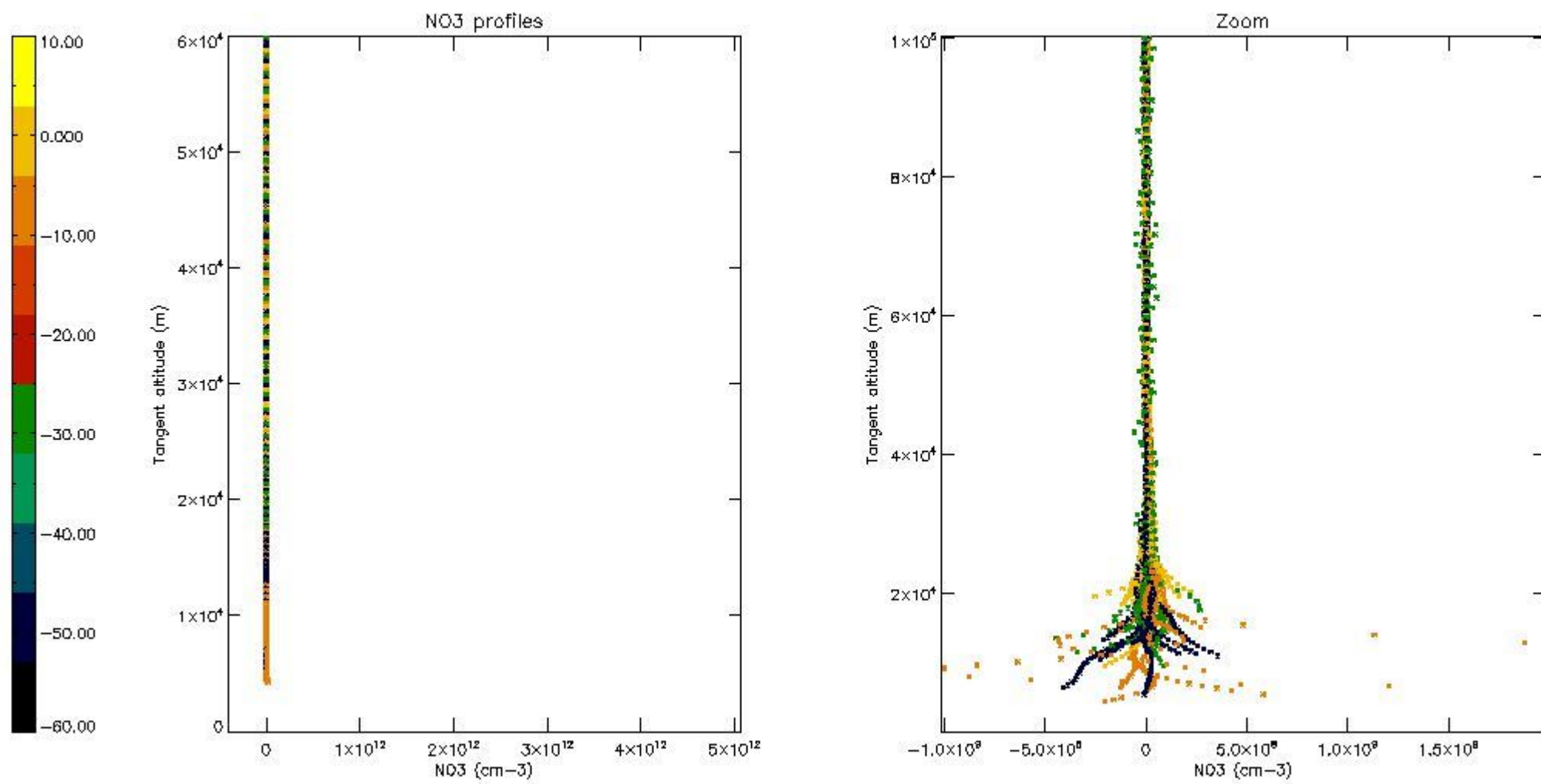
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



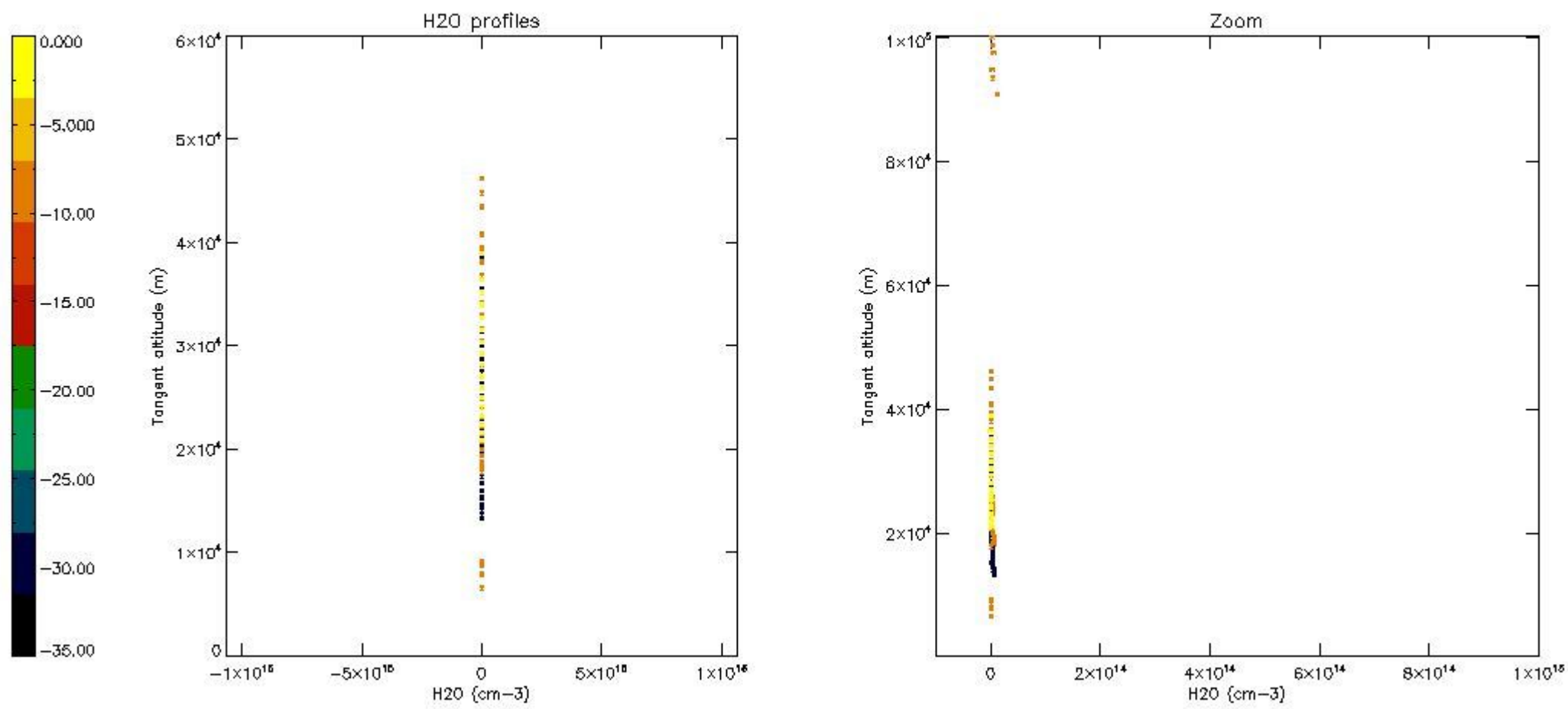
5.7 Plot NO3 profiles for all STD (dark without errors)

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	07-JUN-2006 00:05:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUN-2006 00:05:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUN-2006 00:05:43

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[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](#)

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[4.2 Plot of level 1 quality information per product \(world map\)](#)

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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	23APR2013 23:21:51
Data source version	GOMOS/6.01
Start time of products	07-06-2006 (07JUN2006 00:00:00)
Stop time of products	08-06-2006 (08JUN2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

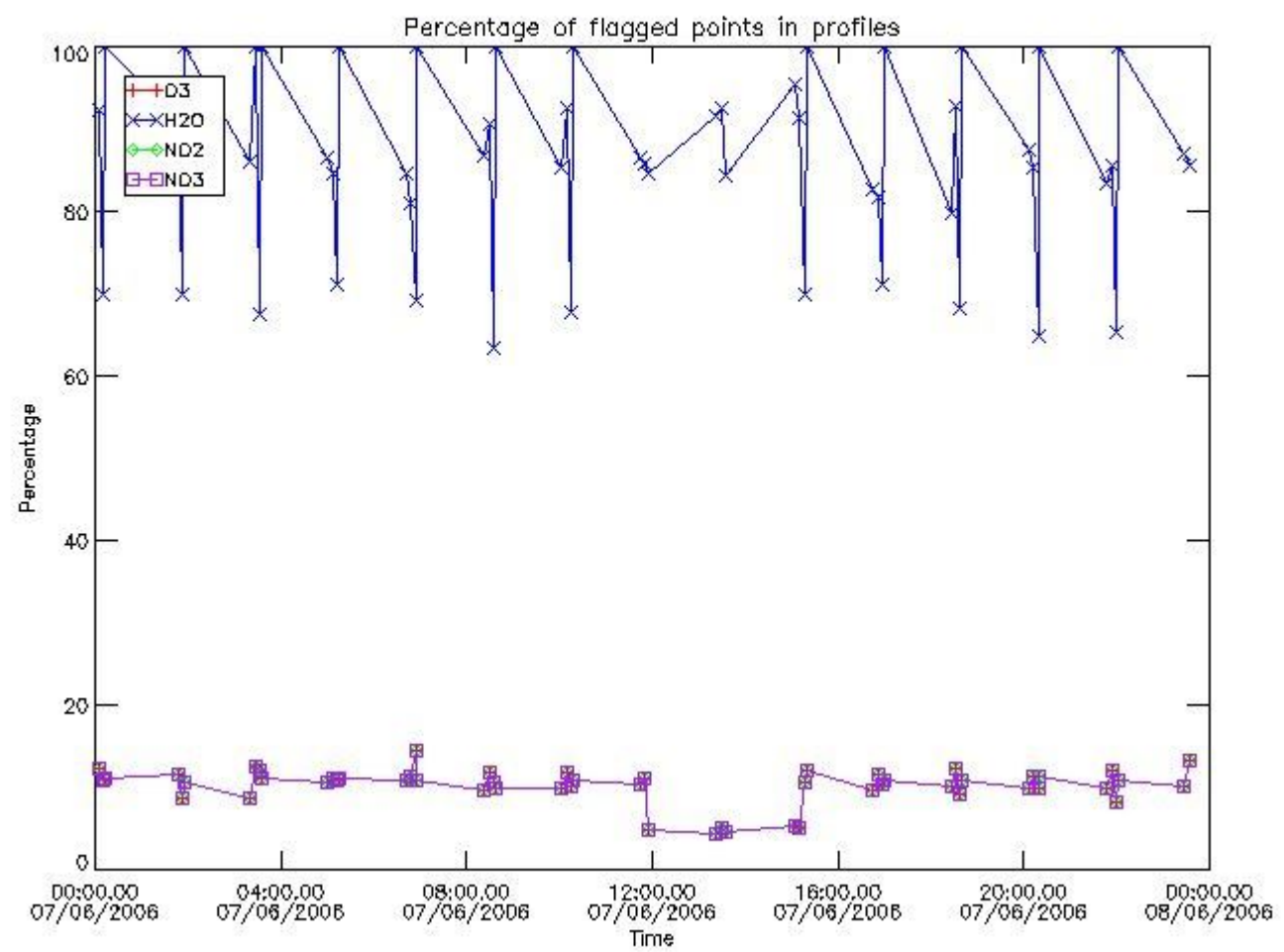
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060607_000543_000000462048_00216_22314_0596.N1	07-JUN-2006 00:05:43	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	22314	No
2	GOM_NL__2PRFIN20060607_001127_000000472048_00217_22315_0620.N1	07-JUN-2006 00:11:27	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	22315	No
3	GOM_NL__2PRFIN20060607_001325_000000462048_00217_22315_0621.N1	07-JUN-2006 00:13:25	Dark	46.000	31	Alp Gru	1.7340	15200.	92	22315	No
4	GOM_NL__2PRFIN20060607_001800_000000422048_00217_22315_0622.N1	07-JUN-2006 00:18:00	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22315	No
5	GOM_NL__2PRFIN20060607_002504_000000412048_00217_22315_0623.N1	07-JUN-2006 00:25:04	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	22315	No
6	GOM_NL__2PRFIN20060607_002647_000000462048_00217_22315_0624.N1	07-JUN-2006 00:26:47	Straylight	45.500	40	The Sco	1.8590	7100.0	91	22315	No
7	GOM_NL__2PRFIN20060607_002833_000000452048_00217_22315_0625.N1	07-JUN-2006 00:28:33	Twilight	45.000	25	35Lam Sco	1.6200	28000.	90	22315	No
8	GOM_NL__2PRFIN20060607_003010_000000422048_00217_22315_0626.N1	07-JUN-2006 00:30:10	Twilight	42.000	75	26Eps Sco	2.2910	4250.0	84	22315	No
9	GOM_NL__2PRFIN20060607_003244_000000462048_00217_22315_0627.N1	07-JUN-2006 00:32:44	Bright	45.500	16	21Alp Sco	1.0200	3000.0	91	22315	No
10	GOM_NL__2PRFIN20060607_003535_000000432048_00217_22315_0628.N1	07-JUN-2006 00:35:35	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22315	No
11	GOM_NL__2PRFIN20060607_003723_000000562048_00217_22315_0629.N1	07-JUN-2006 00:37:23	Bright	56.000	98	13Zet Oph	2.5710	30000.	112	22315	No
12	GOM_NL__2PRFIN20060607_003931_000000382048_00217_22315_0630.N1	07-JUN-2006 00:39:31	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22315	No
13	GOM_NL__2PRFIN20060607_004714_000000392048_00217_22315_0631.N1	07-JUN-2006 00:47:14	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22315	No
14	GOM_NL__2PRFIN20060607_005029_000000392048_00217_22315_0632.N1	07-JUN-2006 00:50:29	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22315	No
15	GOM_NL__2PRFIN20060607_005744_000000392048_00217_22315_0633.N1	07-JUN-2006 00:57:44	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22315	No
16	GOM_NL__2PRFIN20060607_011416_000000572048_00217_22315_0634.N1	07-JUN-2006 01:14:16	Bright	57.000	76	27Gam Cas	2.3000	30000.	114	22315	No
17	GOM_NL__2PRFIN20060607_011959_000000352048_00217_22315_0635.N1	07-JUN-2006 01:19:59	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22315	No
18	GOM_NL__2PRFIN20060607_012218_000000602048_00217_22315_0636.N1	07-JUN-2006 01:22:18	Bright	60.000	53	43Bet And	2.0480	3300.0	120	22315	No
19	GOM_NL__2PRFIN20060607_012626_000000422048_00217_22315_0637.N1	07-JUN-2006 01:26:26	Twilight	42.000	105	6Bet Ari	2.6450	8900.0	84	22315	No
20	GOM_NL__2PRFIN20060607_014620_000000452048_00217_22315_0638.N1	07-JUN-2006 01:46:20	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	22315	No
21	GOM_NL__2PRFIN20060607_015204_000000592048_00218_22316_0577.N1	07-JUN-2006 01:52:04	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	22316	No
22	GOM_NL__2PRFIN20060607_015402_000000482048_00218_22316_0578.N1	07-JUN-2006 01:54:02	Dark	48.000	31	Alp Gru	1.7340	15200.	96	22316	No
23	GOM_NL__2PRFIN20060607_015837_000000412048_00218_22316_0579.N1	07-JUN-2006 01:58:37	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22316	No
24	GOM_NL__2PRFIN20060607_020540_000000382048_00218_22316_0580.N1	07-JUN-2006 02:05:40	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	22316	No
25	GOM_NL__2PRFIN20060607_020723_000000452048_00218_22316_0581.N1	07-JUN-2006 02:07:23	Straylight	44.500	40	The Sco	1.8590	7100.0	89	22316	No
26	GOM_NL__2PRFIN20060607_020909_000000462048_00218_22316_0582.N1	07-JUN-2006 02:09:09	Twilight	45.500	25	35Lam Sco	1.6200	28000.	91	22316	No
27	GOM_NL__2PRFIN20060607_021047_000000462048_00218_22316_0583.N1	07-JUN-2006 02:10:47	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	22316	No
28	GOM_NL__2PRFIN20060607_021320_000000542048_00218_22316_0584.N1	07-JUN-2006 02:13:20	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	22316	No
29	GOM_NL__2PRFIN20060607_021611_000000432048_00218_22316_0585.N1	07-JUN-2006 02:16:11	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	22316	No
30	GOM_NL__2PRFIN20060607_021759_000000382048_00218_22316_0586.N1	07-JUN-2006 02:17:59	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	22316	No
31	GOM_NL__2PRFIN20060607_022007_000000382048_00218_22316_0587.N1	07-JUN-2006 02:20:07	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	22316	No
32	GOM_NL__2PRFIN20060607_022749_000000392048_00218_22316_0588.N1	07-JUN-2006 02:27:49	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	22316	No
33	GOM_NL__2PRFIN20060607_023105_000000432048_00218_22316_0589.N1	07-JUN-2006 02:31:05	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	22316	No
34	GOM_NL__2PRFIN20060607_023819_000000392048_00218_22316_0590.N1	07-JUN-2006 02:38:19	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	22316	No
35	GOM_NL__2PRFIN20060607_025452_000000362048_00218_22316_0591.N1	07-JUN-2006 02:54:52	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	22316	No
36	GOM_NL__2PRFIN20060607_030036_000000352048_00218_22316_0592.N1	07-JUN-2006 03:00:36	Bright	35.000	73	57Gam1And	2.2600	13100.	70	22316	No
37	GOM_NL__2PRFIN20060607_030254_000000552048_00218_22316_0593.N1	07-JUN-2006 03:02:54	Bright	55.000	53	43Bet And	2.0480	3300.0	110	22316	No
38	GOM_NL__2PRFIN20060607_030702_000000412048_00218_22316_0594.N1	07-JUN-2006 03:07:02	Twilight	40.500	105	6Bet Ari	2.6450	8900.0	81	22316	No
39	GOM_NL__2PRFIN20060607_032022_000000582048_00218_22316_0595.N1	07-JUN-2006 03:20:22	Dark	58.000	52	16Bet Cet	2.0370	4500.0	116	22316	No
40	GOM_NL__2PRFIN20060607_032657_000000412048_00218_22316_0596.N1	07-JUN-2006 03:26:57	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	22316	No
41	GOM_NL__2PRFIN20060607_033240_000000512048_00219_22317_0577.N1	07-JUN-2006 03:32:40	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	22317	No
42	GOM_NL__2PRFIN20060607_033439_000000462048_00219_22317_0578.N1	07-JUN-2006 03:34:39	Dark	45.500	31	Alp Gru	1.7340	15200.	91	22317	No

220	GOM_NL__2PRFIN20060607_190607_000000382048_00228_22326_0689.N1	07-JUN-2006 19:06:07	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	22326	No
221	GOM_NL__2PRFIN20060607_191347_000000412048_00228_22326_0690.N1	07-JUN-2006 19:13:47	Bright	40.500	127	27Bet Her	2.7810	4700.0	81	22326	No
222	GOM_NL__2PRFIN20060607_191701_000000392048_00228_22326_0691.N1	07-JUN-2006 19:17:01	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22326	No
223	GOM_NL__2PRFIN20060607_192414_000000432048_00228_22326_0692.N1	07-JUN-2006 19:24:14	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	22326	No
224	GOM_NL__2PRFIN20060607_194050_000000542048_00228_22326_0693.N1	07-JUN-2006 19:40:50	Bright	53.500	76	27Gam Cas	2.3000	30000.	107	22326	No
225	GOM_NL__2PRFIN20060607_194636_000000372048_00228_22326_0694.N1	07-JUN-2006 19:46:36	Bright	36.500	73	57Gam1And	2.2600	13100.	73	22326	No
226	GOM_NL__2PRFIN20060607_194854_000000512048_00228_22326_0695.N1	07-JUN-2006 19:48:54	Bright	51.000	53	43Bet And	2.0480	3300.0	102	22326	No
227	GOM_NL__2PRFIN20060607_195208_000000422048_00228_22326_0696.N1	07-JUN-2006 19:52:08	Twilight	41.500	50	13Alp Ari	2.0070	4250.0	83	22326	No
228	GOM_NL__2PRFIN20060607_200629_000000522048_00228_22326_0697.N1	07-JUN-2006 20:06:29	Dark	52.000	52	16Bet Cet	2.0370	4500.0	104	22326	No
229	GOM_NL__2PRFIN20060607_201303_000000452048_00228_22326_0698.N1	07-JUN-2006 20:13:03	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	22326	No
230	GOM_NL__2PRFIN20060607_201849_000000522048_00229_22327_0681.N1	07-JUN-2006 20:18:49	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	22327	No
231	GOM_NL__2PRFIN20060607_202048_000000452048_00229_22327_0682.N1	07-JUN-2006 20:20:48	Dark	45.000	31	Alp Gru	1.7340	15200.	90	22327	No
232	GOM_NL__2PRFIN20060607_202520_000000422048_00229_22327_0683.N1	07-JUN-2006 20:25:20	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	22327	No
233	GOM_NL__2PRFIN20060607_203403_000000432048_00229_22327_0684.N1	07-JUN-2006 20:34:03	Straylight	42.500	40	The Sco	1.8590	7100.0	85	22327	No
234	GOM_NL__2PRFIN20060607_203549_000000472048_00229_22327_0685.N1	07-JUN-2006 20:35:49	Twilight	47.000	25	35Lam Sco	1.6200	28000.	94	22327	No
235	GOM_NL__2PRFIN20060607_203725_000000442048_00229_22327_0686.N1	07-JUN-2006 20:37:25	Twilight	44.000	75	26Eps Sco	2.2910	4250.0	88	22327	No
236	GOM_NL__2PRFIN20060607_203958_000000432048_00229_22327_0687.N1	07-JUN-2006 20:39:58	Bright	43.000	16	21Alp Sco	1.0200	3000.0	86	22327	No
237	GOM_NL__2PRFIN20060607_204248_000000422048_00229_22327_0688.N1	07-JUN-2006 20:42:48	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	22327	No
238	GOM_NL__2PRFIN20060607_204435_000000392048_00229_22327_0689.N1	07-JUN-2006 20:44:35	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22327	No
239	GOM_NL__2PRFIN20060607_204643_000000372048_00229_22327_0690.N1	07-JUN-2006 20:46:43	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22327	No
240	GOM_NL__2PRFIN20060607_205422_000000402048_00229_22327_0691.N1	07-JUN-2006 20:54:22	Bright	39.500	127	27Bet Her	2.7810	4700.0	79	22327	No
241	GOM_NL__2PRFIN20060607_205737_000000392048_00229_22327_0692.N1	07-JUN-2006 20:57:37	Bright	39.000	133	40Zet Her	2.8070	6000.0	78	22327	No
242	GOM_NL__2PRFIN20060607_210449_000000442048_00229_22327_0693.N1	07-JUN-2006 21:04:49	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	22327	No
243	GOM_NL__2PRFIN20060607_212126_000000382048_00229_22327_0694.N1	07-JUN-2006 21:21:26	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	22327	No
244	GOM_NL__2PRFIN20060607_212712_000000542048_00229_22327_0695.N1	07-JUN-2006 21:27:12	Bright	54.000	73	57Gam1And	2.2600	13100.	108	22327	No
245	GOM_NL__2PRFIN20060607_212930_000000492048_00229_22327_0696.N1	07-JUN-2006 21:29:30	Bright	48.500	53	43Bet And	2.0480	3300.0	97	22327	No
246	GOM_NL__2PRFIN20060607_213244_000000462048_00229_22327_0697.N1	07-JUN-2006 21:32:44	Twilight	46.000	50	13Alp Ari	2.0070	4250.0	92	22327	No
247	GOM_NL__2PRFIN20060607_214706_000000522048_00229_22327_0698.N1	07-JUN-2006 21:47:06	Dark	51.500	52	16Bet Cet	2.0370	4500.0	103	22327	No
248	GOM_NL__2PRFIN20060607_215339_000000422048_00229_22327_0699.N1	07-JUN-2006 21:53:39	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	22327	No
249	GOM_NL__2PRFIN20060607_215926_000000632048_00230_22328_0682.N1	07-JUN-2006 21:59:26	Dark	62.500	63	Bet Gru	2.1500	2800.0	125	22328	No
250	GOM_NL__2PRFIN20060607_220125_000000472048_00230_22328_0683.N1	07-JUN-2006 22:01:25	Dark	47.000	31	Alp Gru	1.7340	15200.	94	22328	No
251	GOM_NL__2PRFIN20060607_220556_000000412048_00230_22328_0684.N1	07-JUN-2006 22:05:56	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	22328	No
252	GOM_NL__2PRFIN20060607_221439_000000442048_00230_22328_0685.N1	07-JUN-2006 22:14:39	Straylight	43.500	40	The Sco	1.8590	7100.0	87	22328	No
253	GOM_NL__2PRFIN20060607_221625_000000452048_00230_22328_0686.N1	07-JUN-2006 22:16:25	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	22328	No
254	GOM_NL__2PRFIN20060607_221801_000000452048_00230_22328_0687.N1	07-JUN-2006 22:18:01	Twilight	44.500	75	26Eps Sco	2.2910	4250.0	89	22328	No
255	GOM_NL__2PRFIN20060607_222034_000000432048_00230_22328_0688.N1	07-JUN-2006 22:20:34	Bright	43.000	16	21Alp Sco	1.0200	3000.0	86	22328	No
256	GOM_NL__2PRFIN20060607_222324_000000422048_00230_22328_0689.N1	07-JUN-2006 22:23:24	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	22328	No
257	GOM_NL__2PRFIN20060607_222511_000000392048_00230_22328_0690.N1	07-JUN-2006 22:25:11	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	22328	No
258	GOM_NL__2PRFIN20060607_222719_000000372048_00230_22328_0691.N1	07-JUN-2006 22:27:19	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	22328	No
259	GOM_NL__2PRFIN20060607_223458_000000402048_00230_22328_0692.N1	07-JUN-2006 22:34:58	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	22328	No
260	GOM_NL__2PRFIN20060607_223812_000000432048_00230_22328_0693.N1	07-JUN-2006 22:38:12	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	22328	No
261	GOM_NL__2PRFIN20060607_224525_000000402048_00230_22328_0694.N1	07-JUN-2006 22:45:25	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	22328	No
262	GOM_NL__2PRFIN20060607_230202_000000572048_00230_22328_0695.N1	07-JUN-2006 23:02:02	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	22328	No
263	GOM_NL__2PRFIN20060607_230748_000000512048_00230_22328_0696.N1	07-JUN-2006 23:07:48	Bright	51.000	73	57Gam1And	2.2600	13100.	102	22328	No
264	GOM_NL__2PRFIN20060607_231007_000000502048_00230_22328_0697.N1	07-JUN-2006 23:10:07	Bright	49.500	53	43Bet And	2.0480	3300.0	99	22328	No
265	GOM_NL__2PRFIN20060607_231320_000000492048_00230_22328_0698.N1	07-JUN-2006 23:13:20	Twilight	48.500	50	13Alp Ari	2.0070	4250.0	97	22328	No
266	GOM_NL__2PRFIN20060607_232742_000000512048_00230_22328_0699.N1	07-JUN-2006 23:27:42	Dark	50.500	52	16Bet Cet	2.0370	4500.0	101	22328	No
267	GOM_NL__2PRFIN20060607_233416_000000422048_00230_22328_0700.N1	07-JUN-2006 23:34:16	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	22328	No

3. Quality information per product

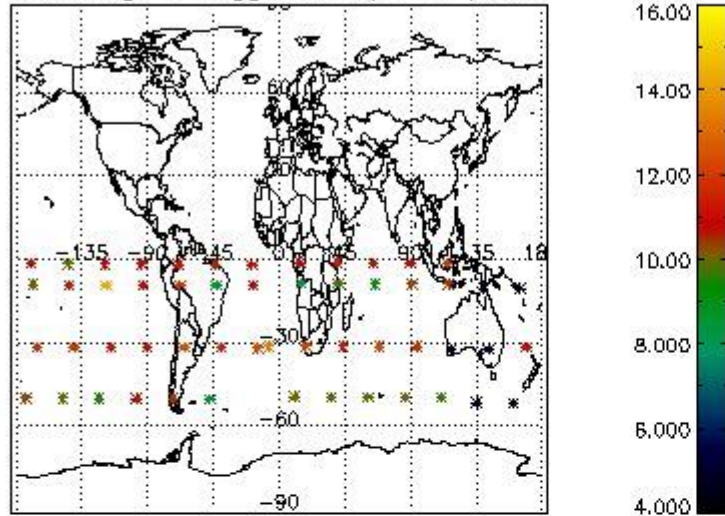
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

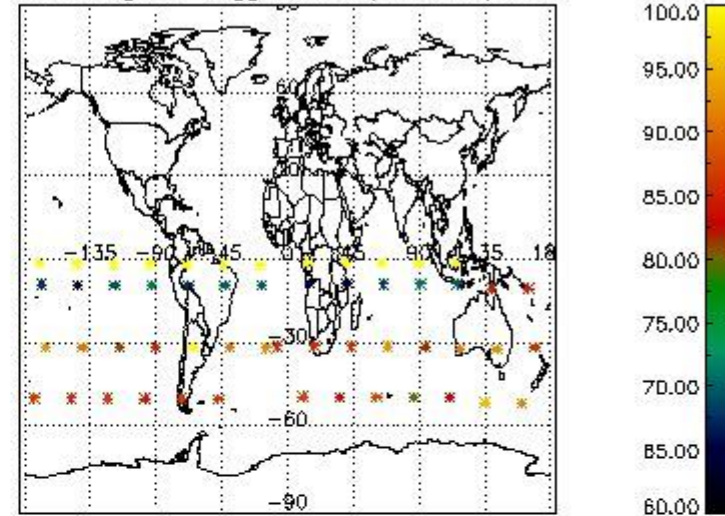


3.2 Plot quality information per product (world map)

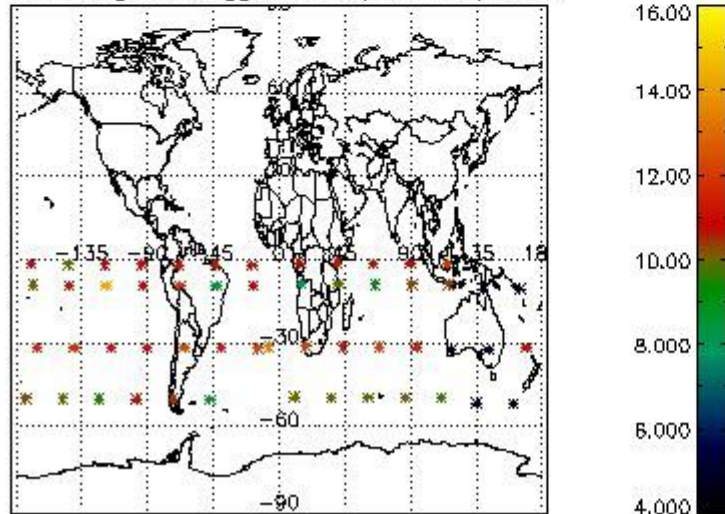
Percentage of flagged data per O3 profile



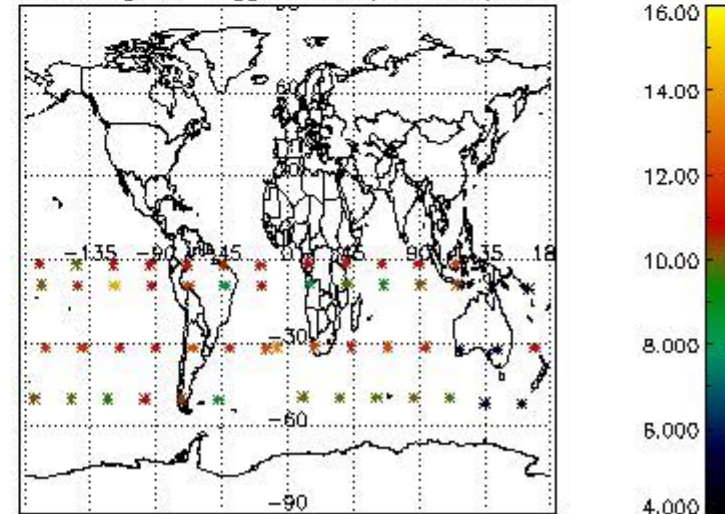
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

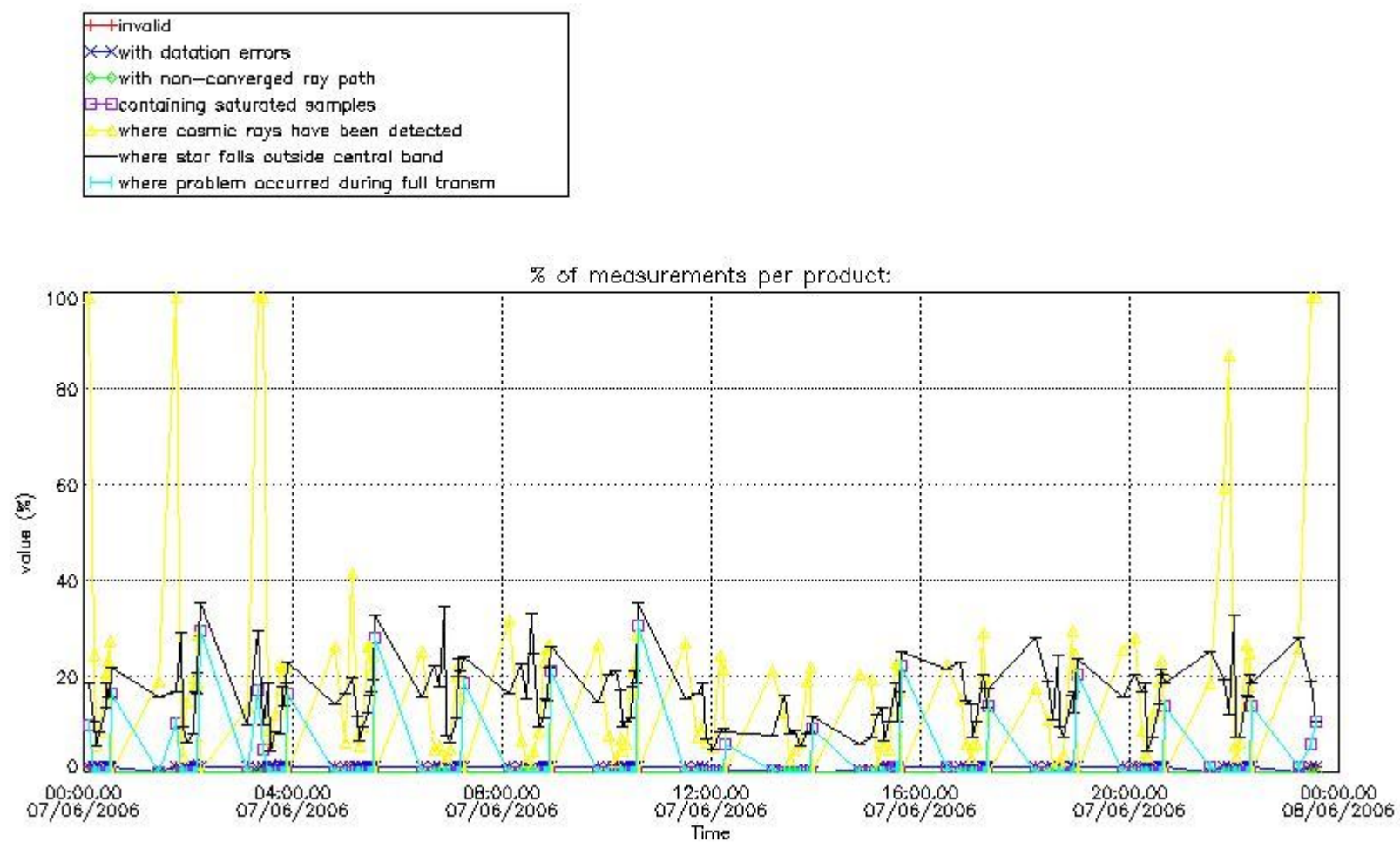


4. Level 1 quality information per product

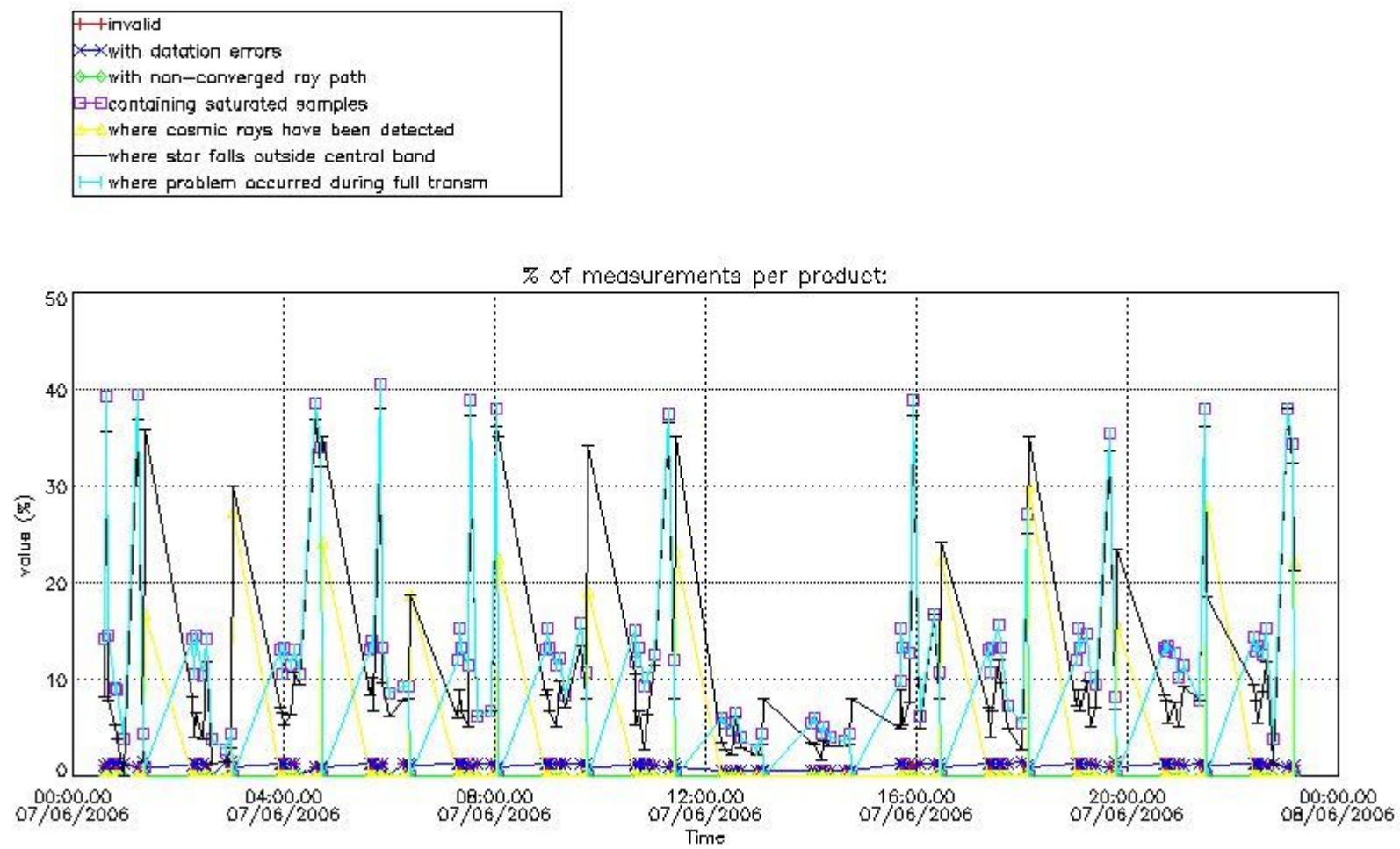
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

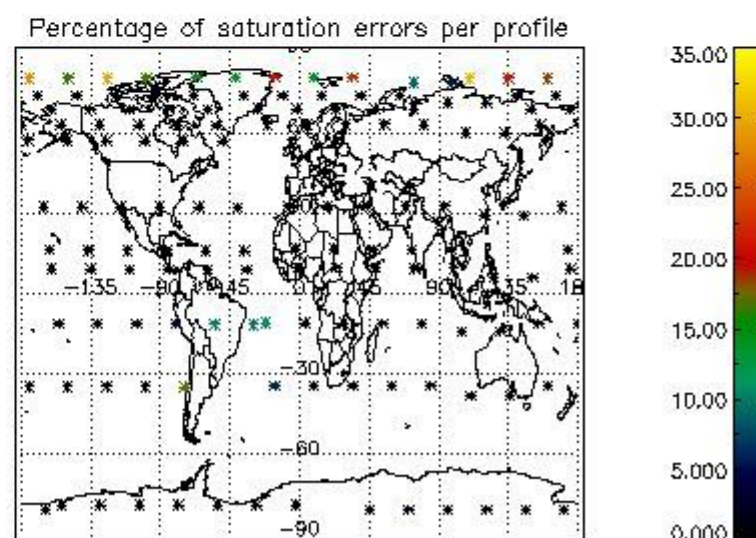
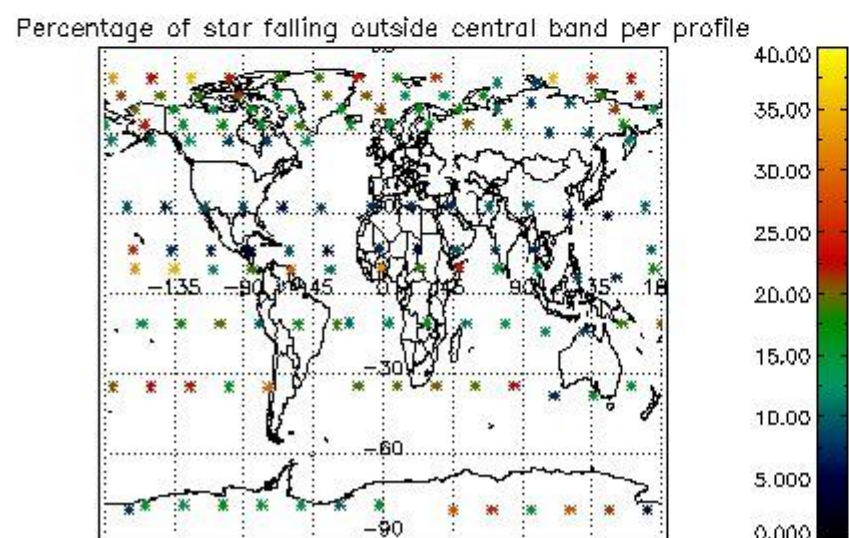
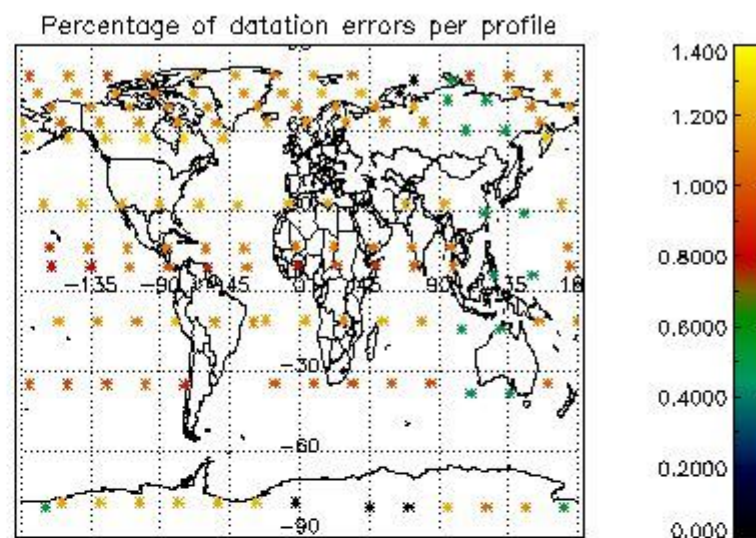
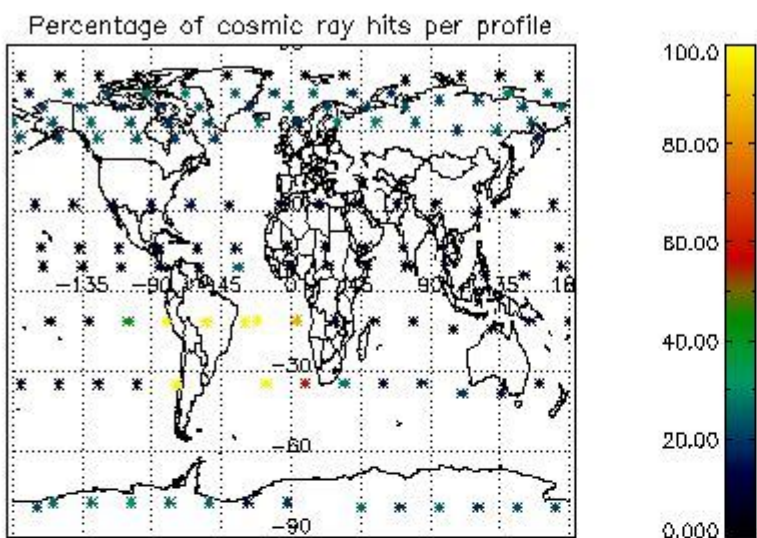


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

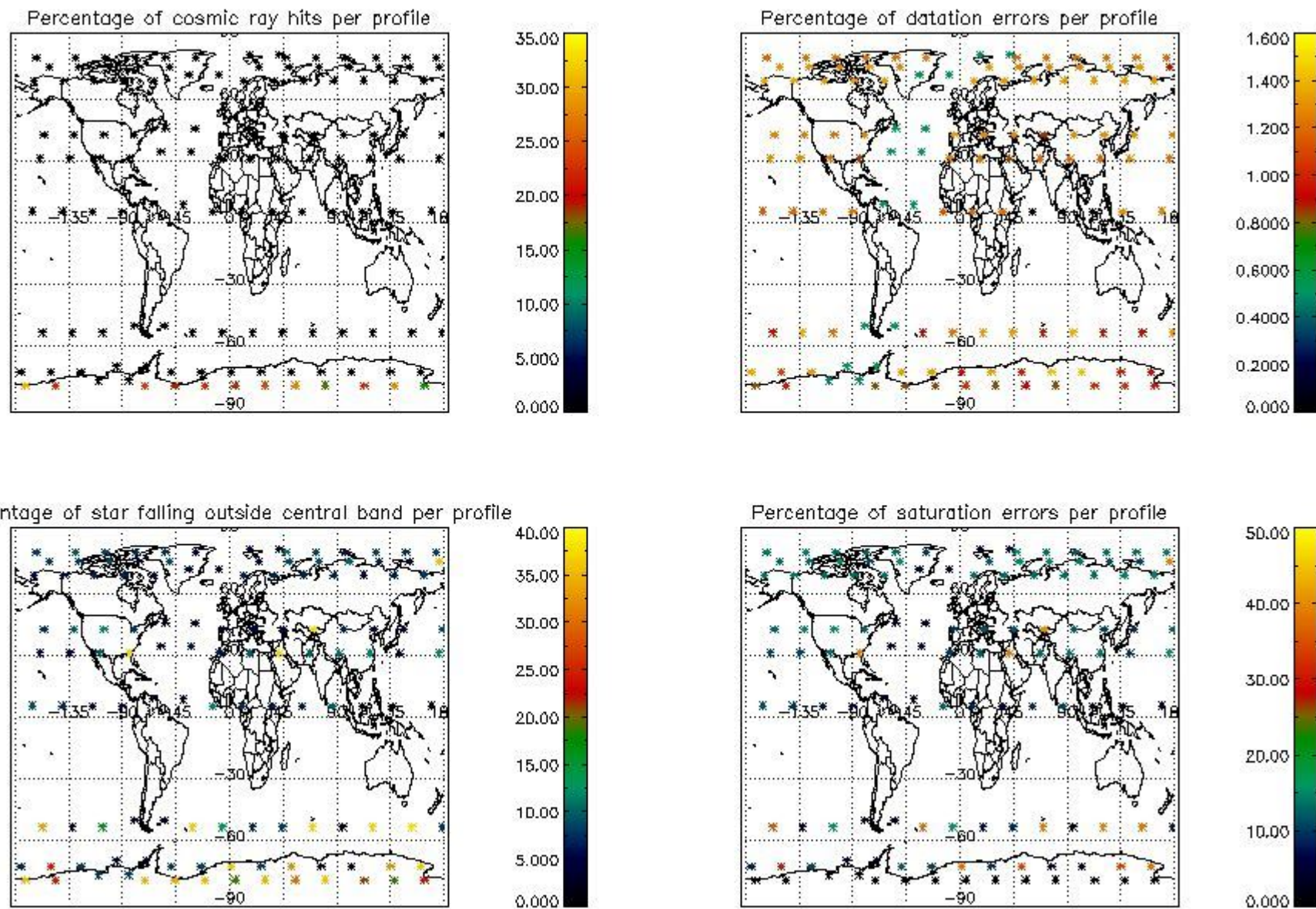


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

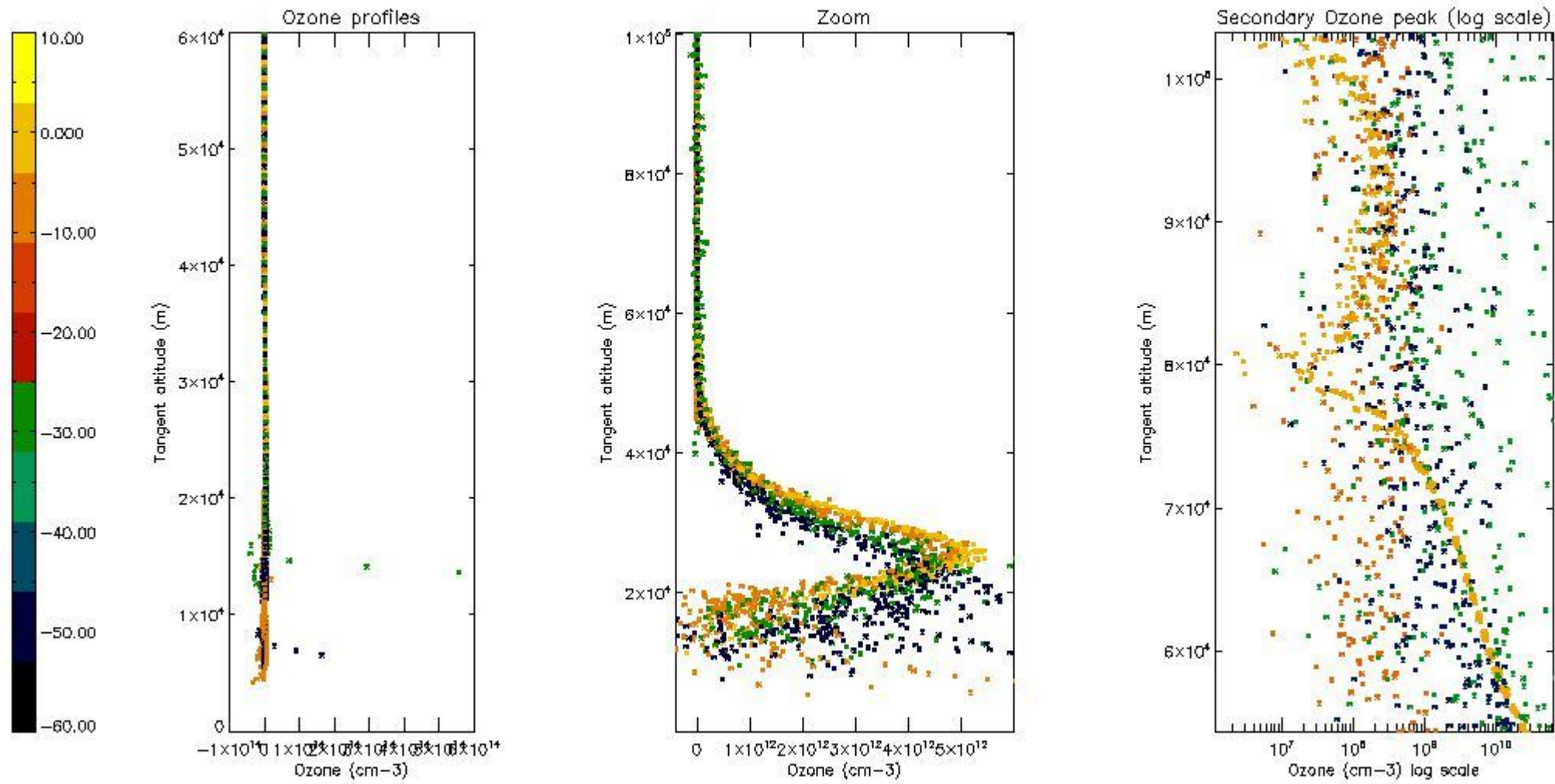
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	7

STD < 10	4
STD < 5	2

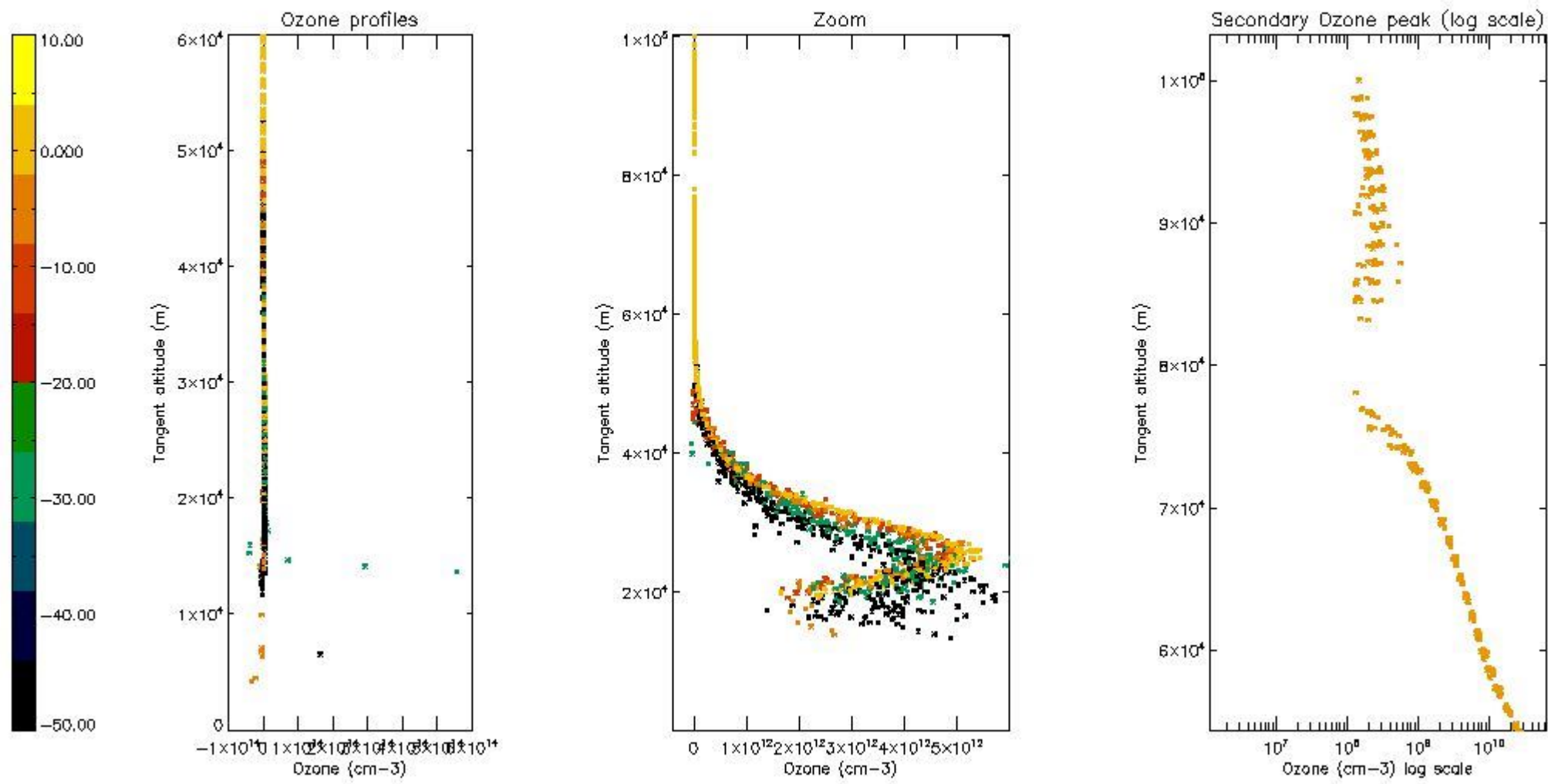
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



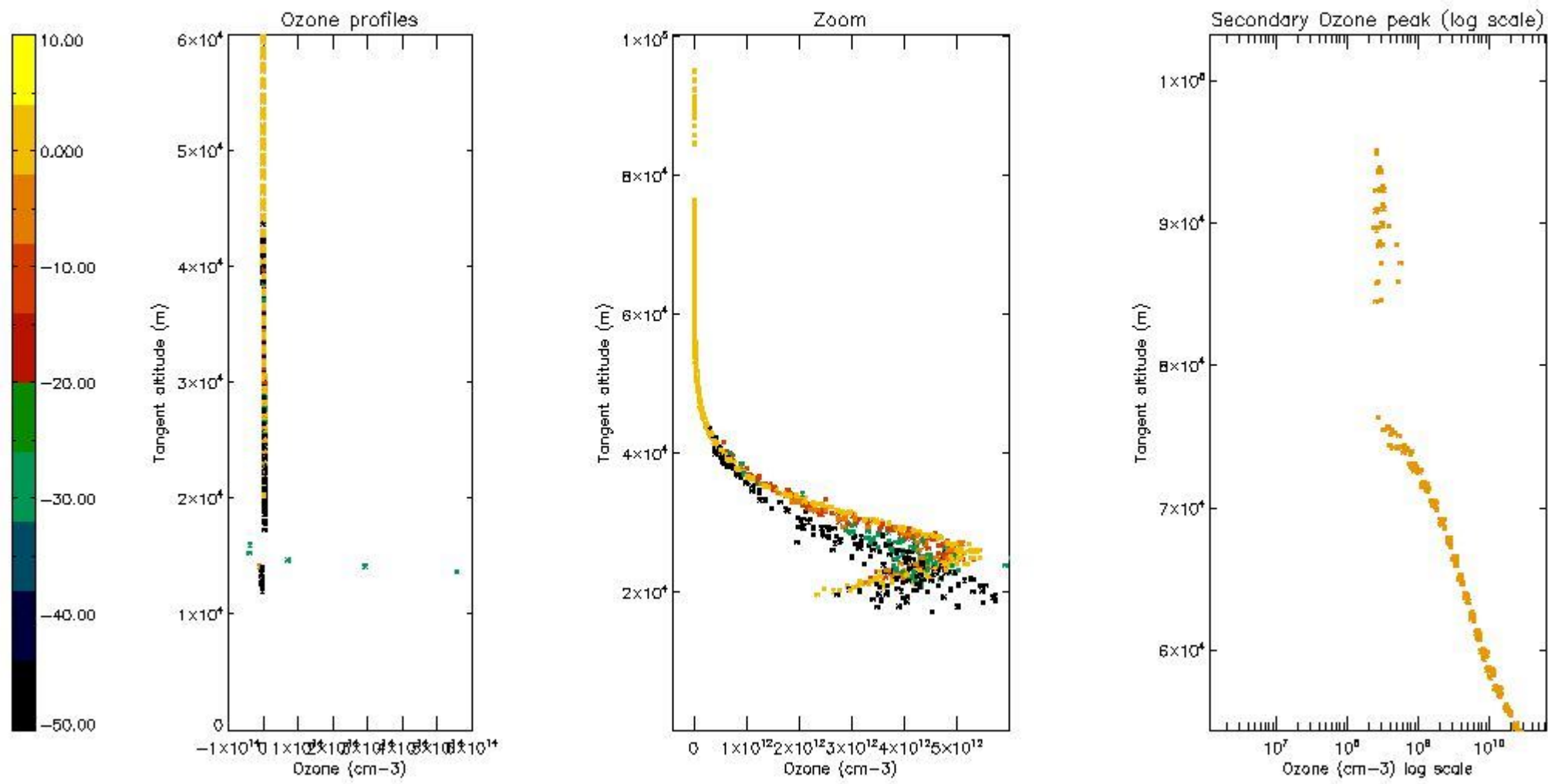
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



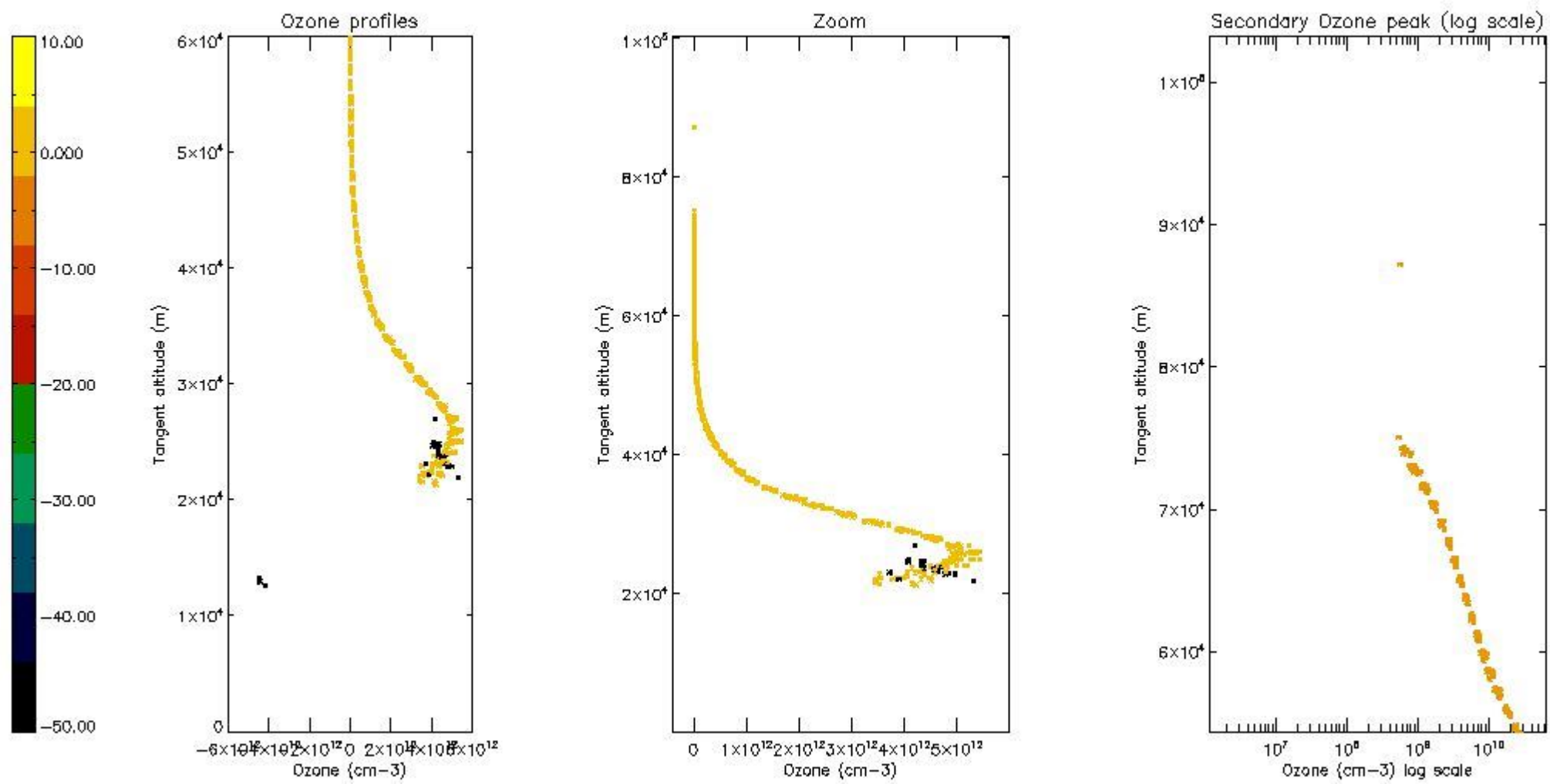
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



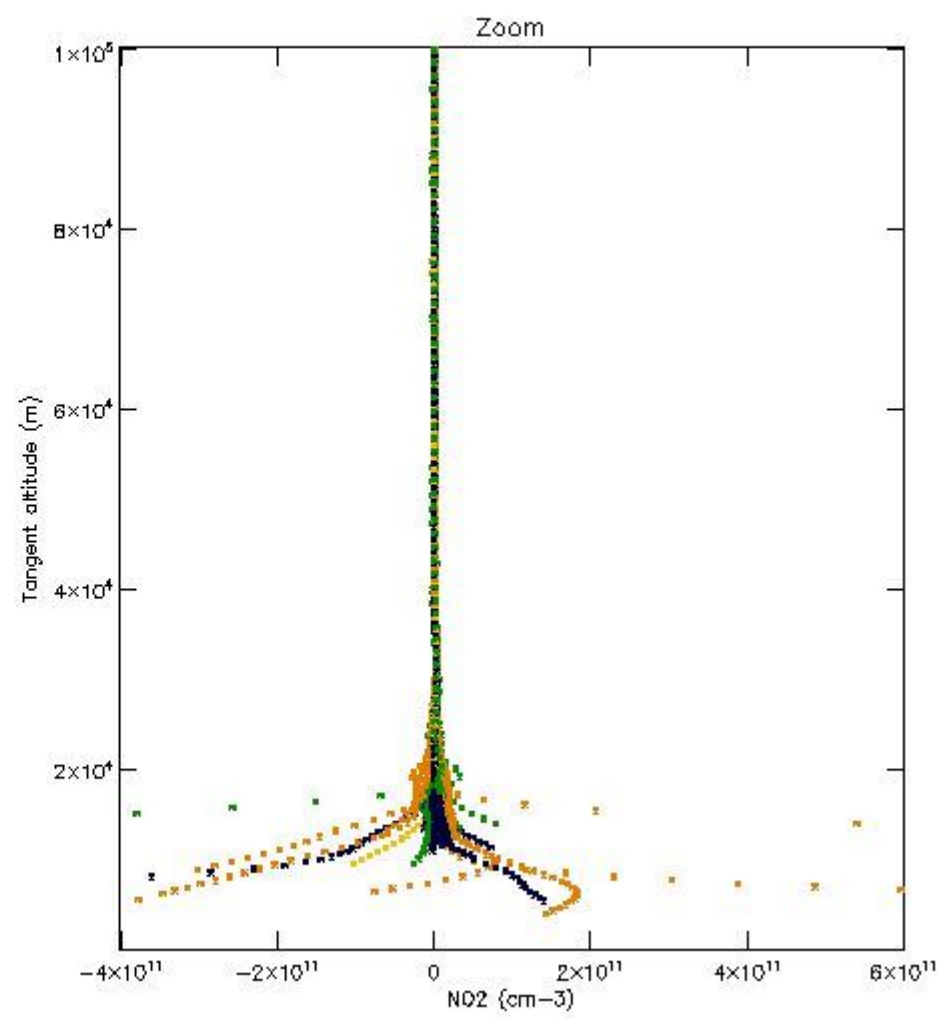
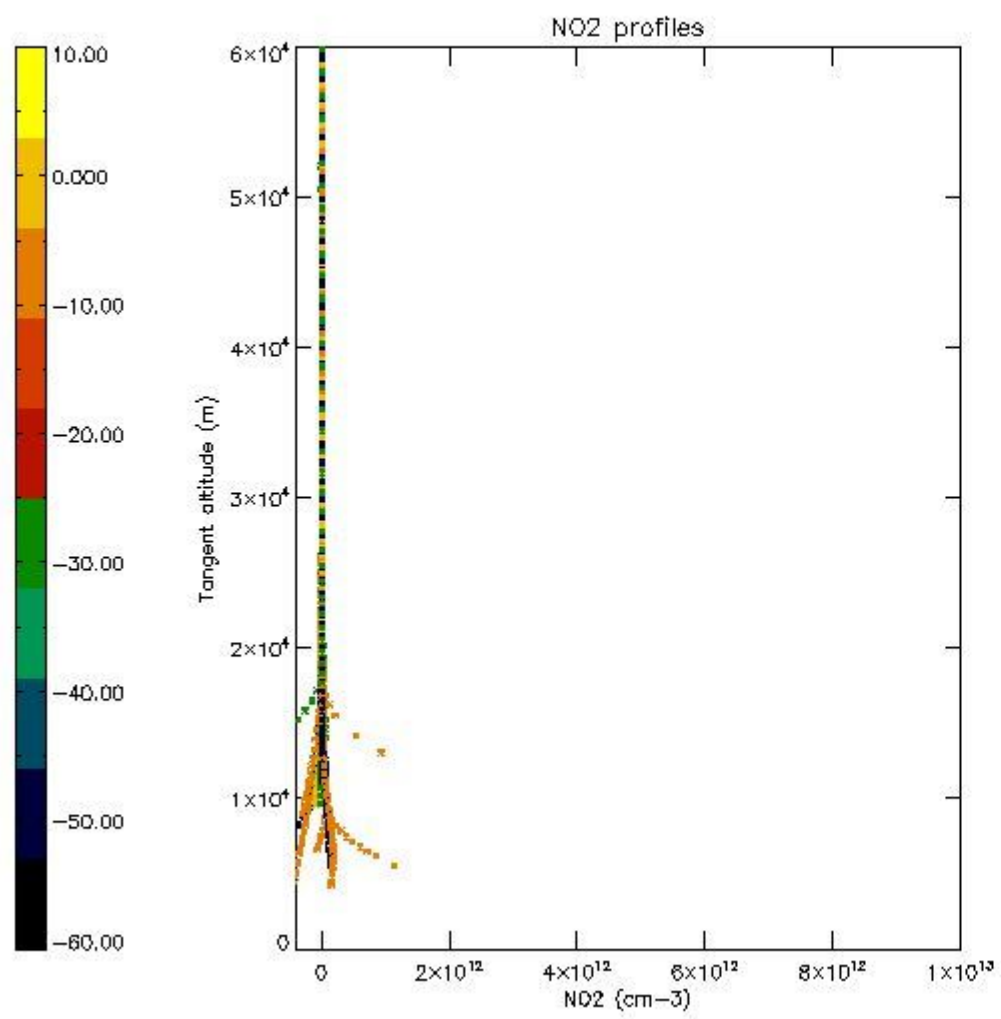
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



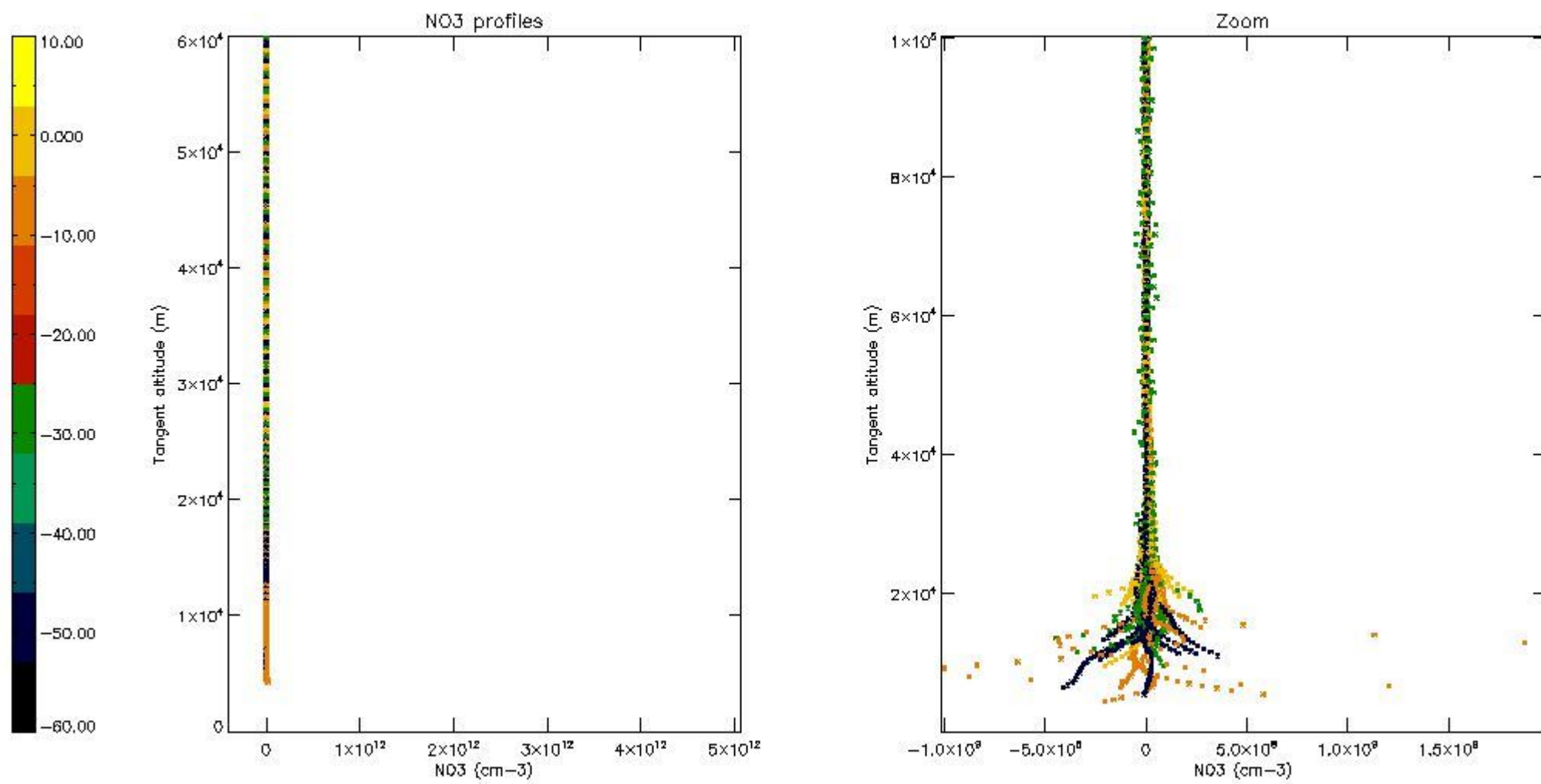
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



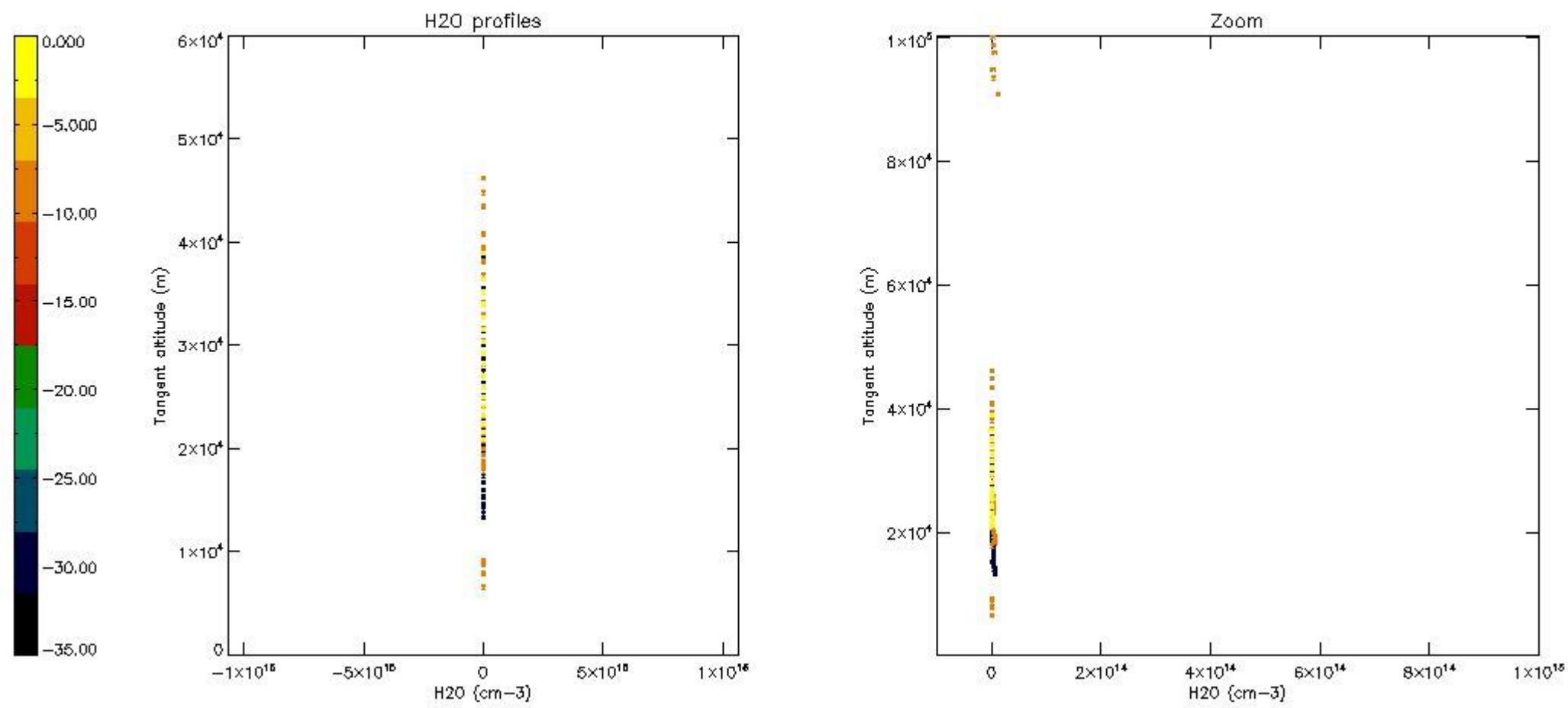
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

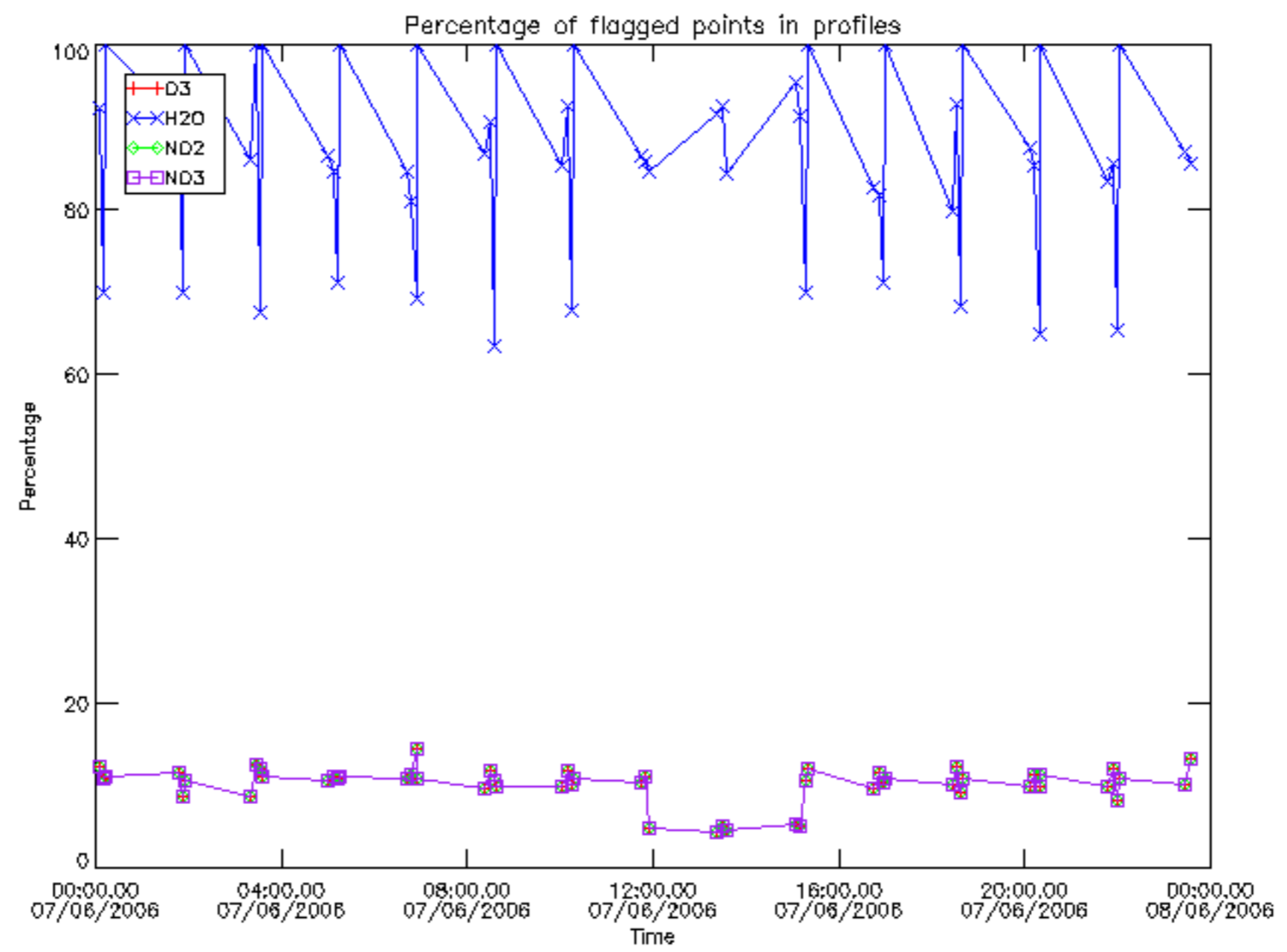
The colorbar represents the latitude.



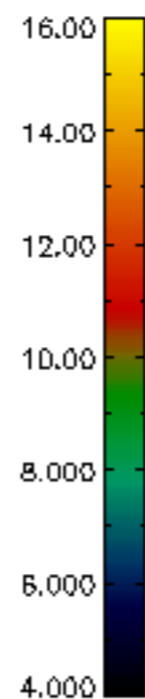
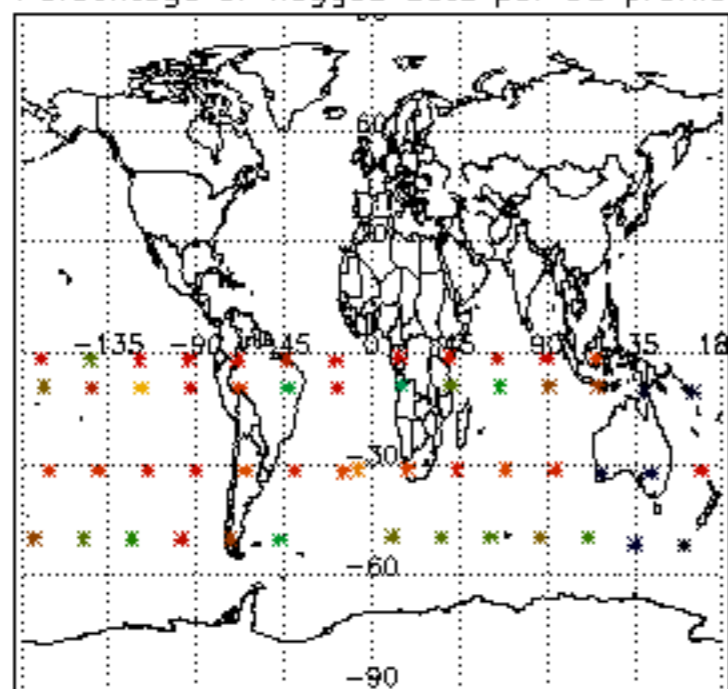
6. Auxiliary Data Files used for the production reported in section 2

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.

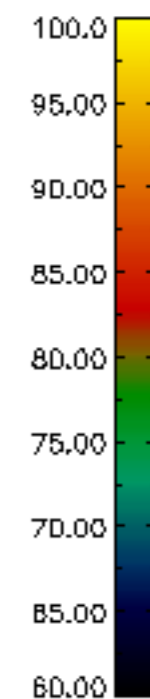
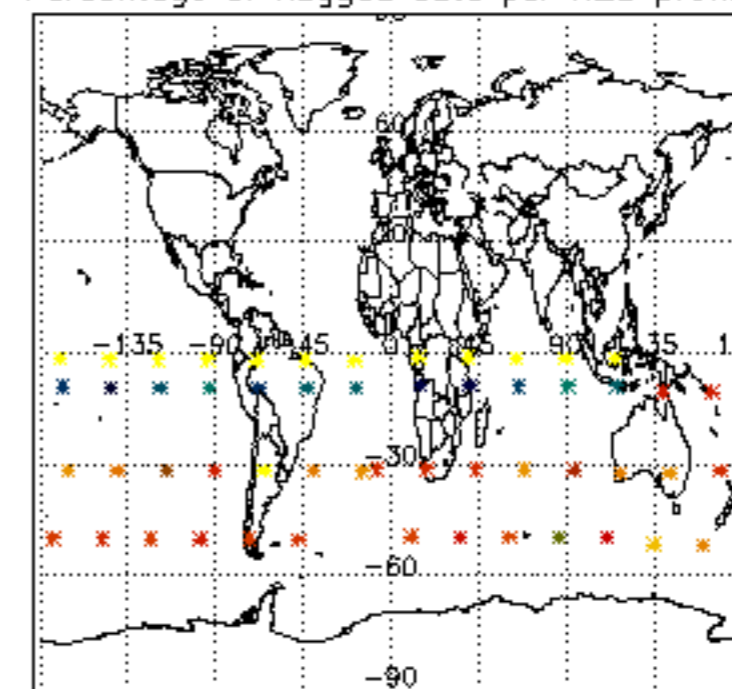
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-JUN-2006 00:05:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUN-2006 00:05:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUN-2006 00:05:43



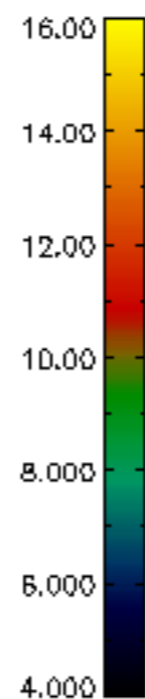
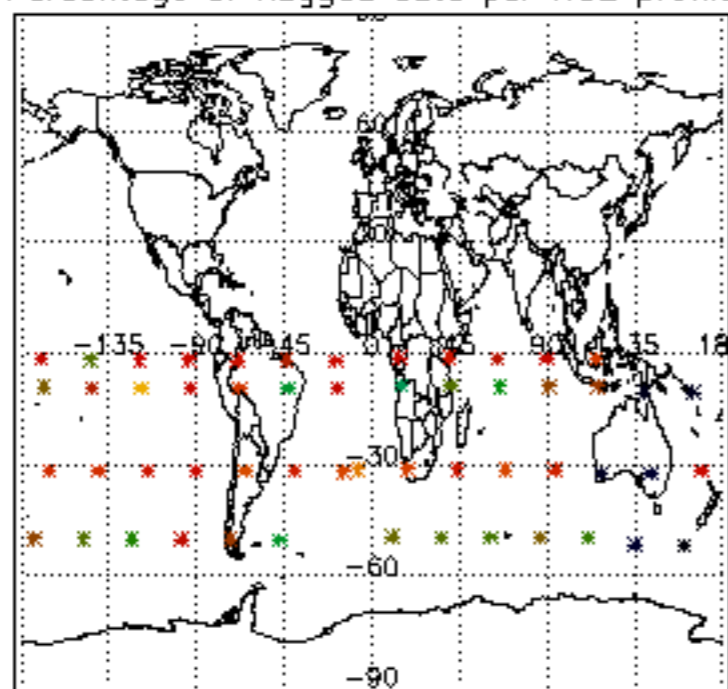
Percentage of flagged data per D3 profile



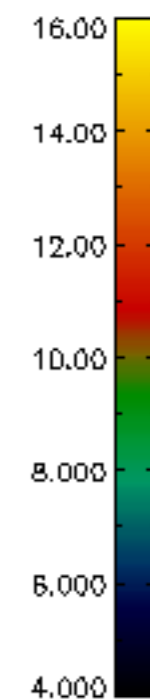
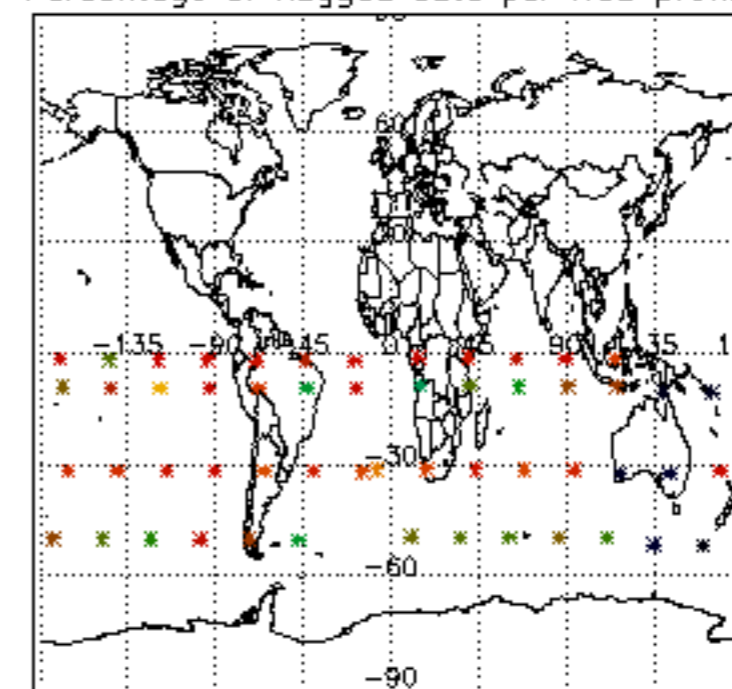
Percentage of flagged data per H2O profile

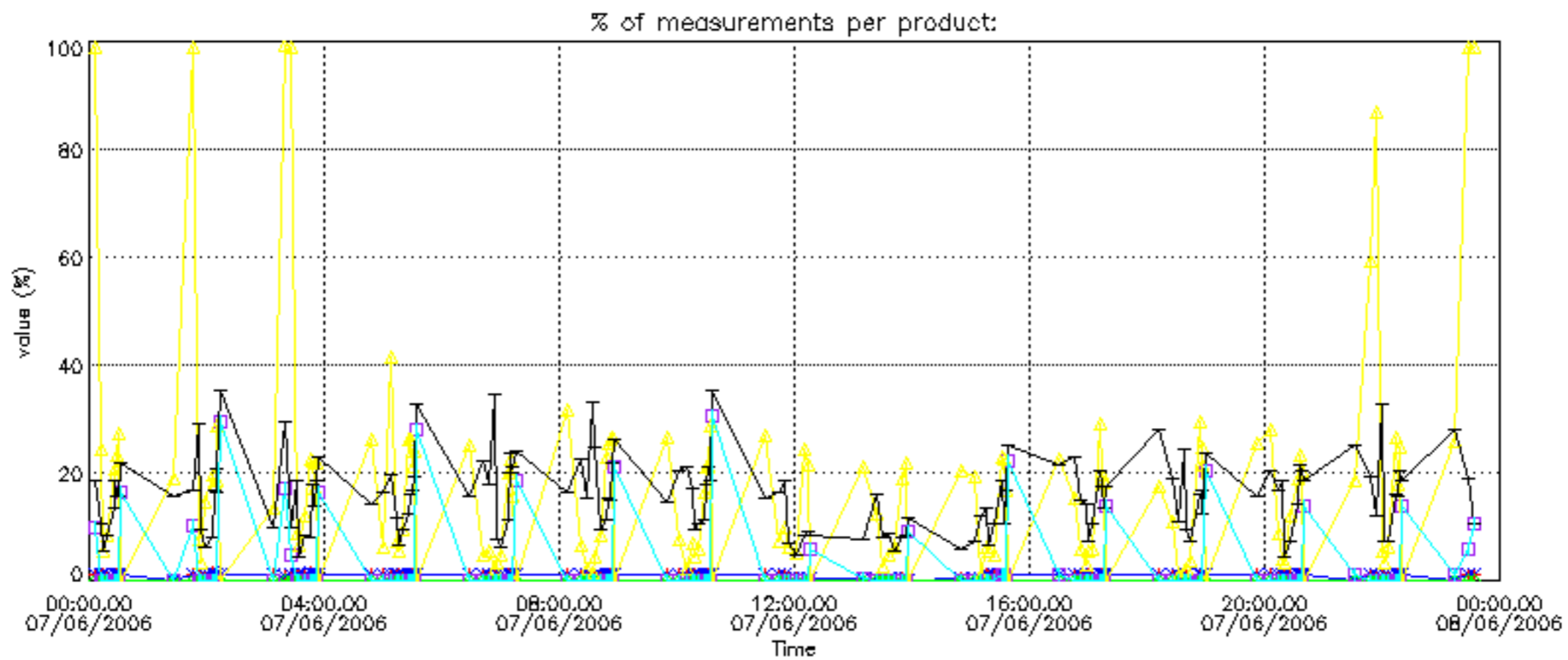


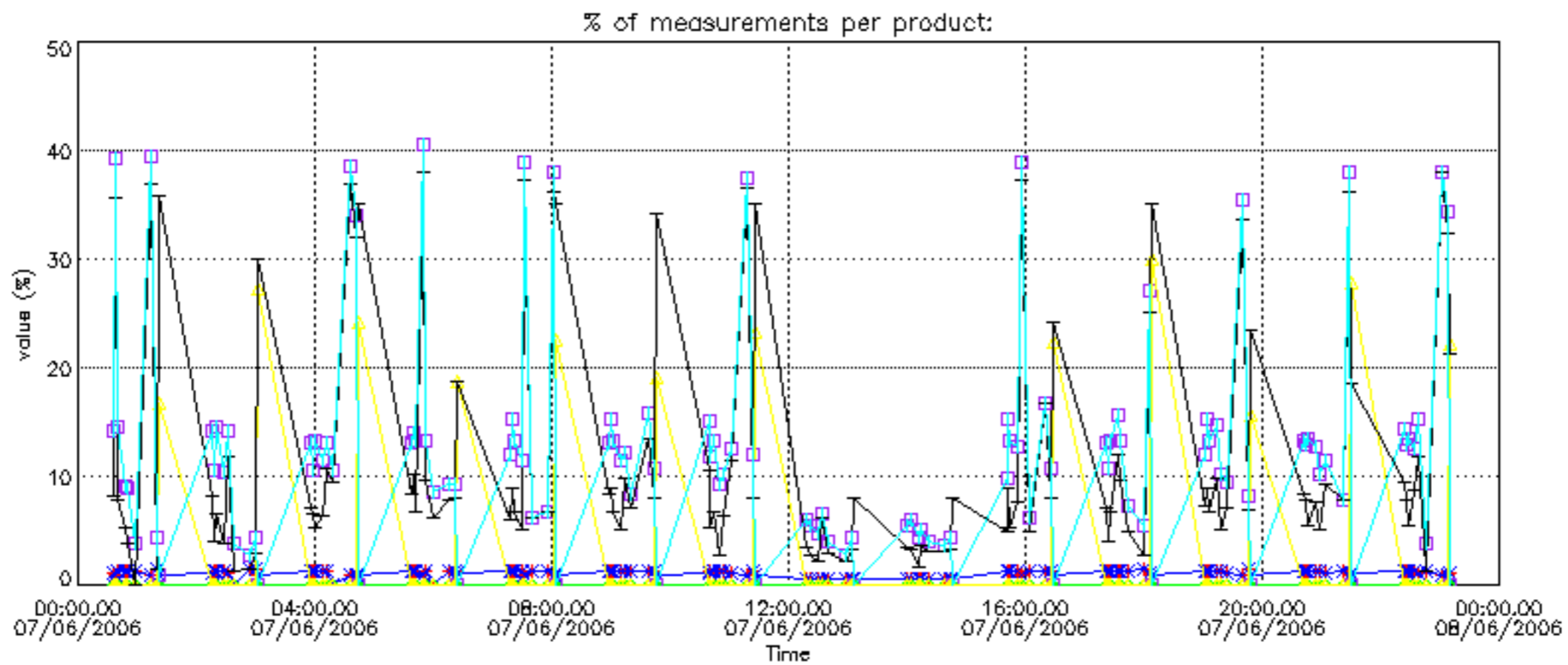
Percentage of flagged data per NO2 profile



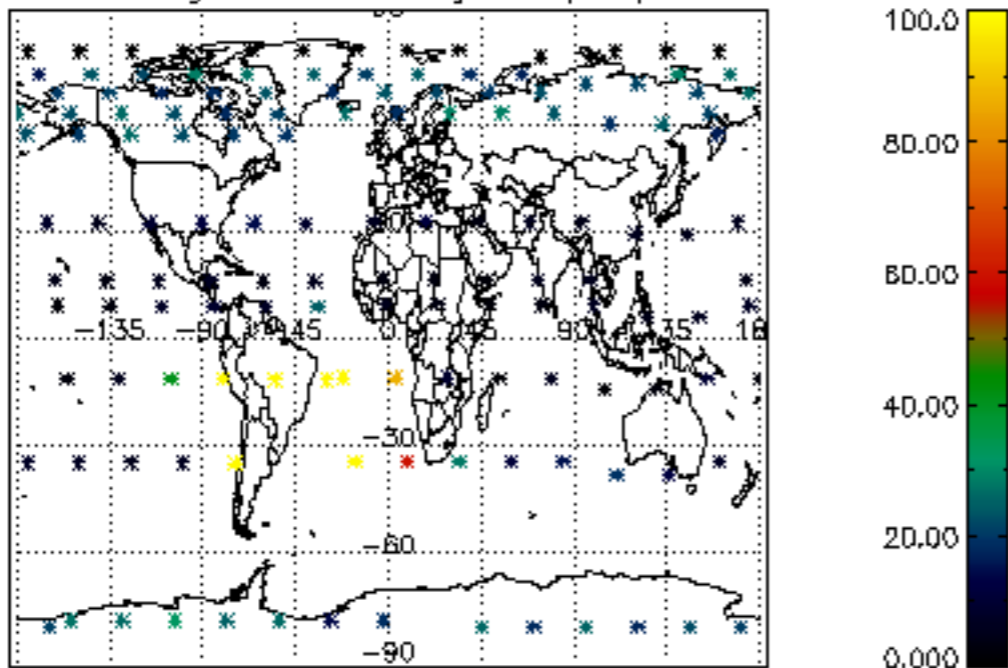
Percentage of flagged data per NO3 profile



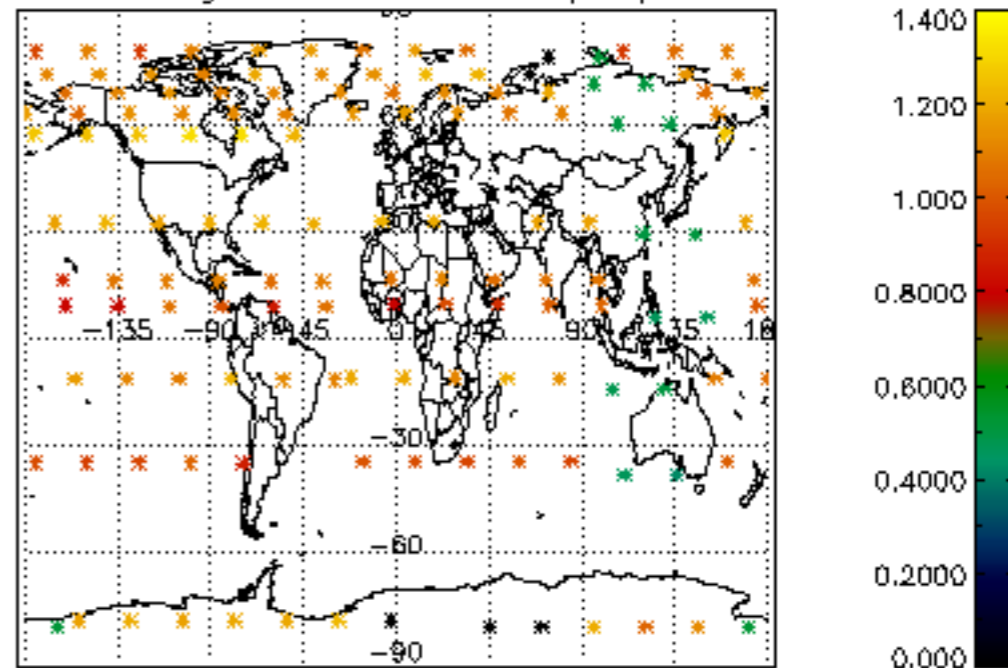




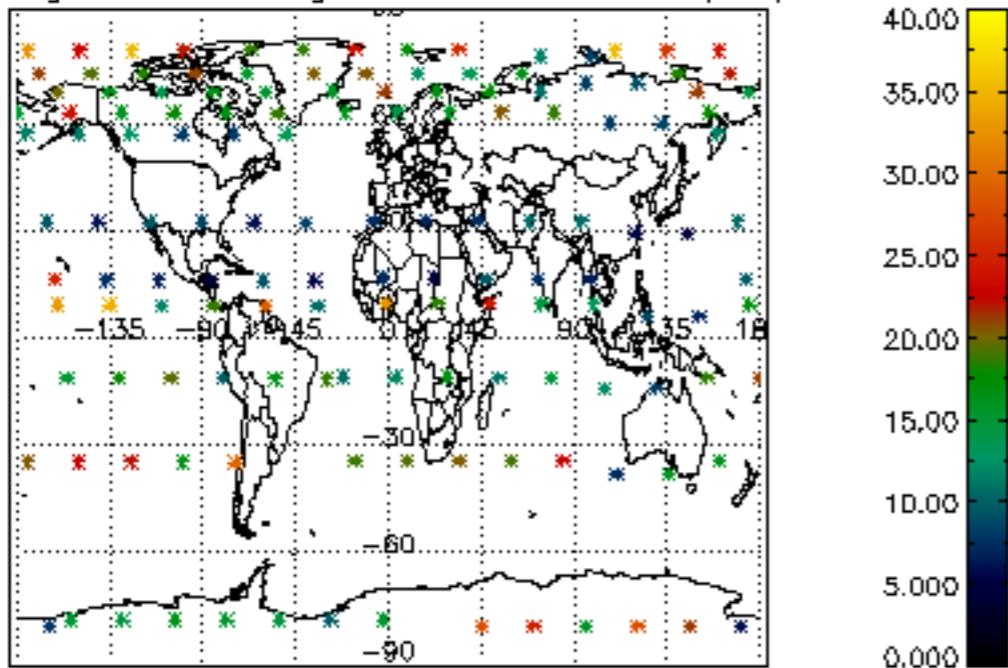
Percentage of cosmic ray hits per profile



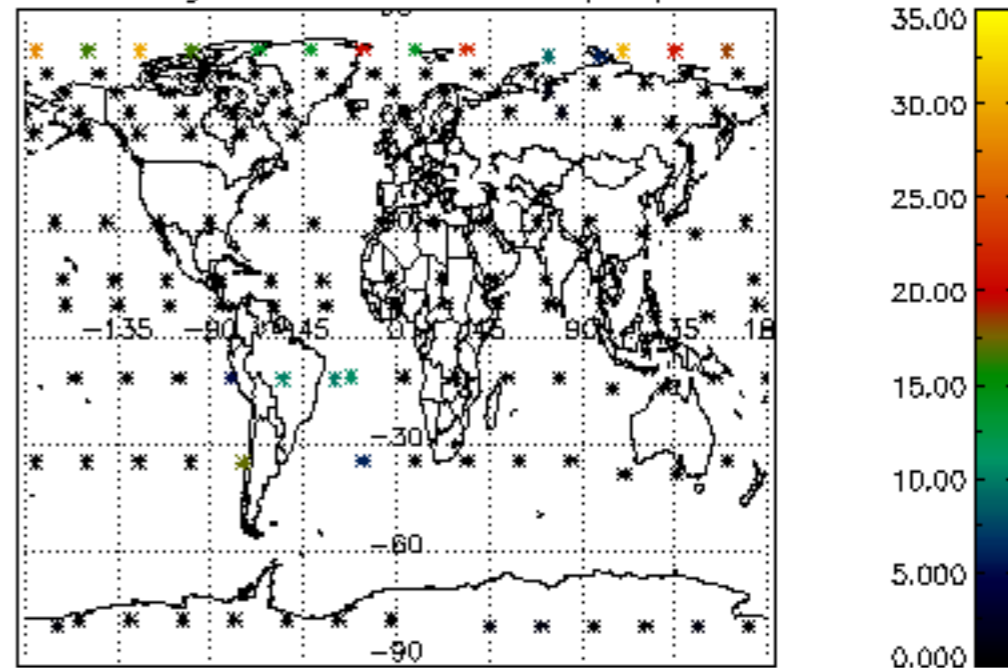
Percentage of datation errors per profile



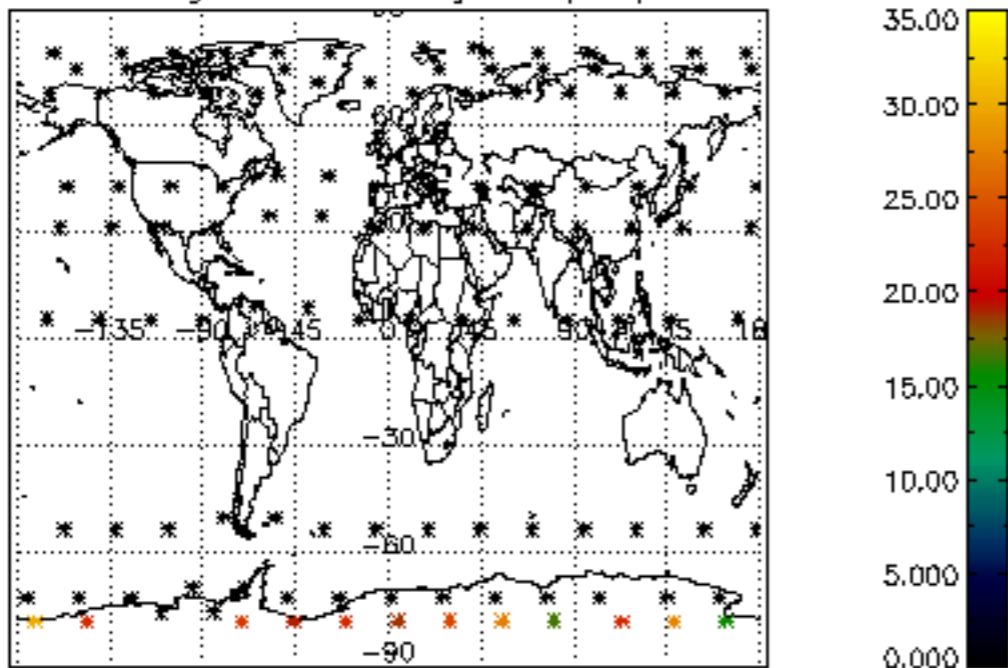
Percentage of star falling outside central band per profile



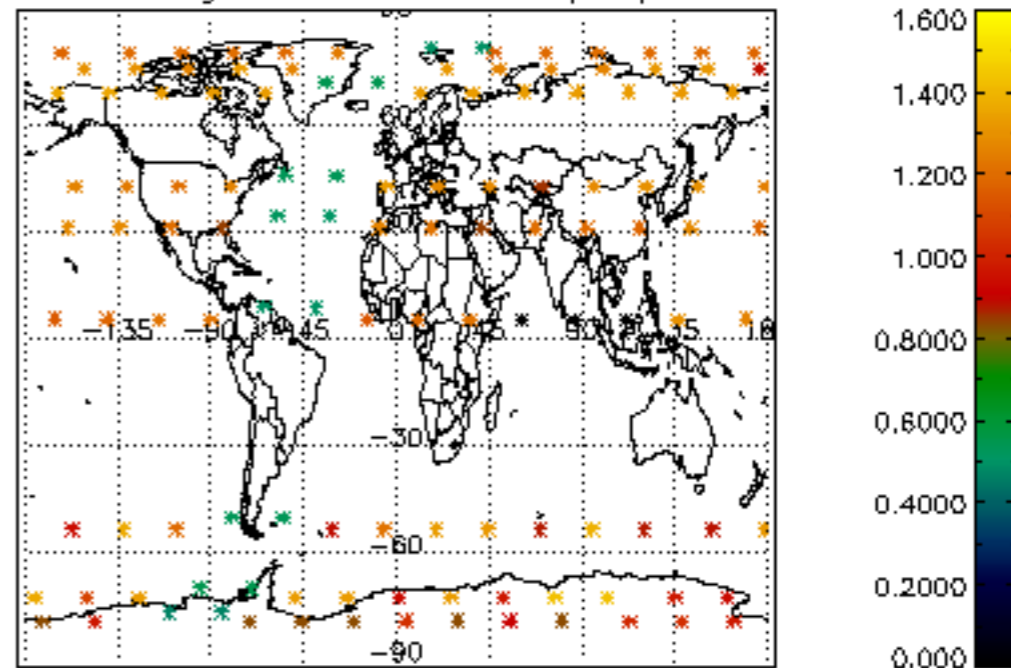
Percentage of saturation errors per profile



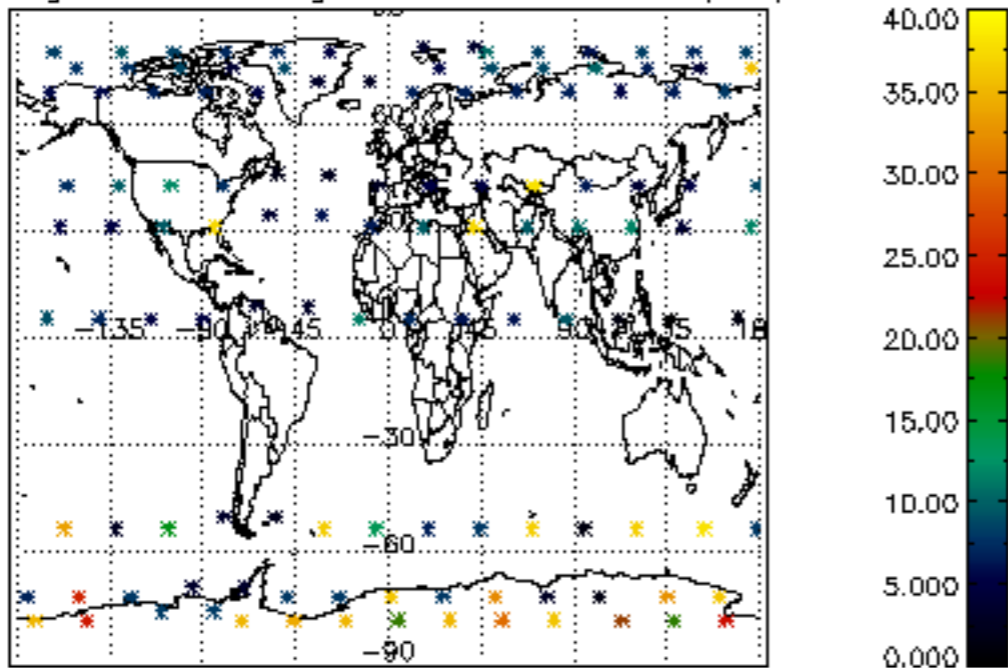
Percentage of cosmic ray hits per profile



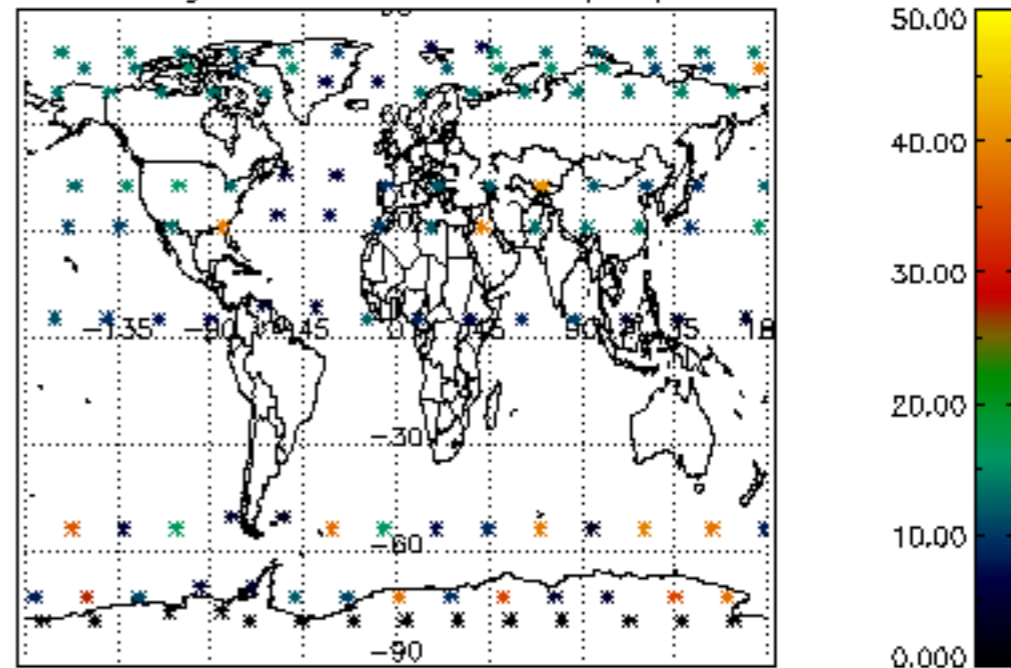
Percentage of datation errors per profile

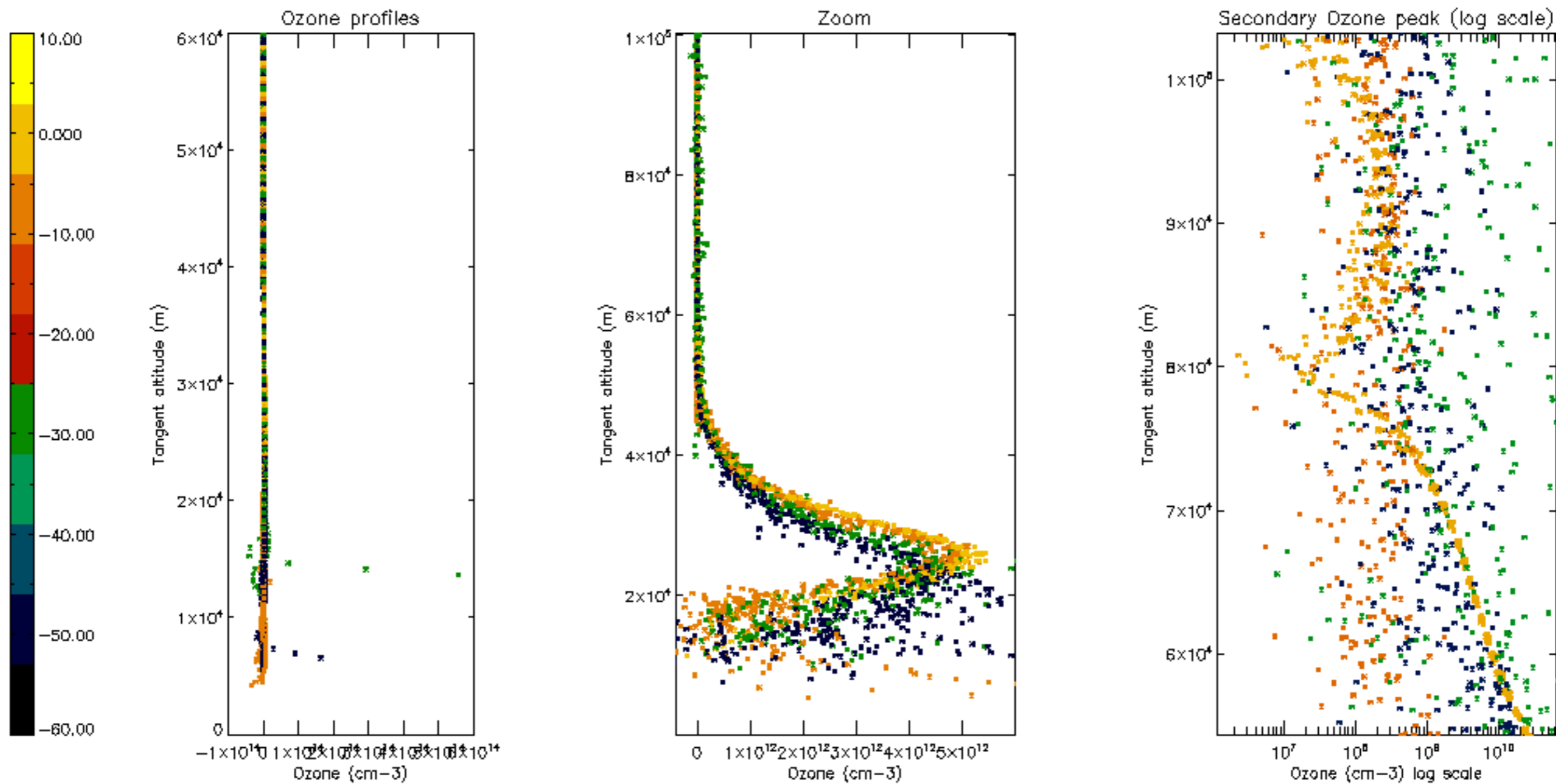


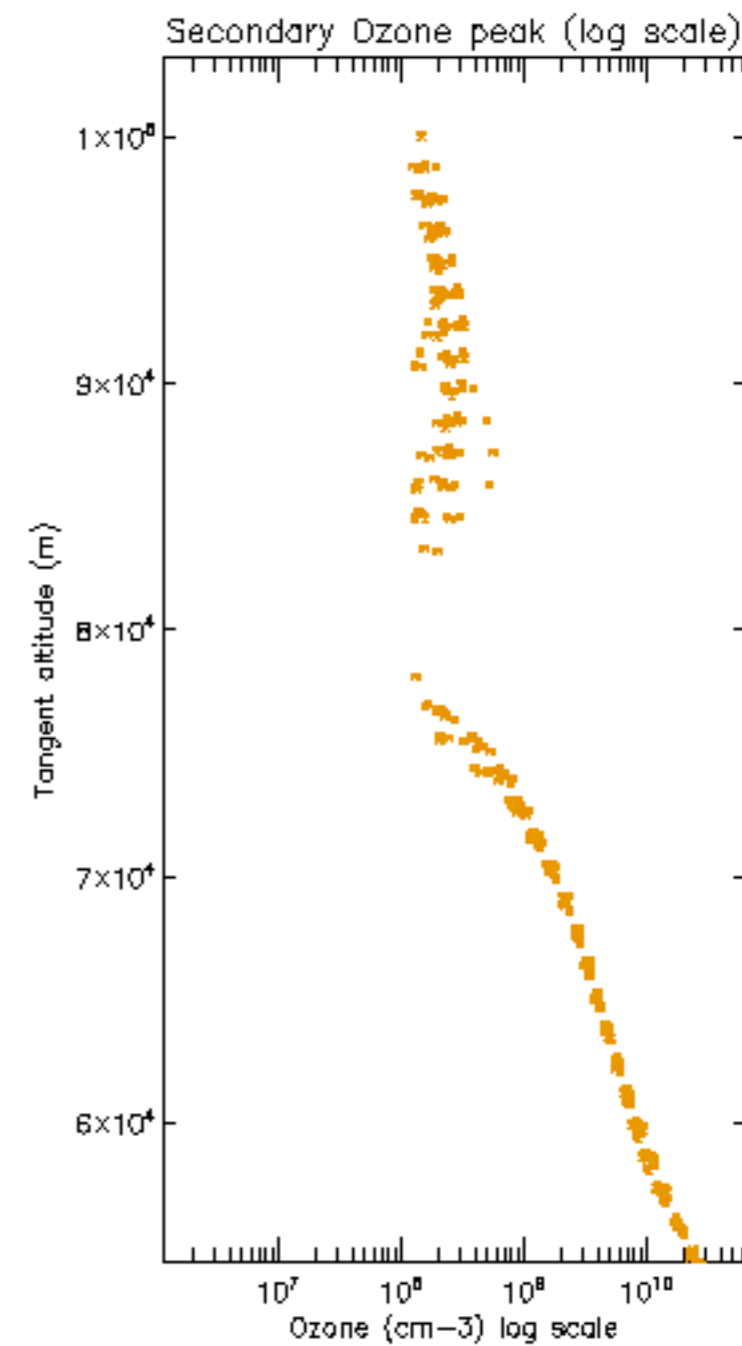
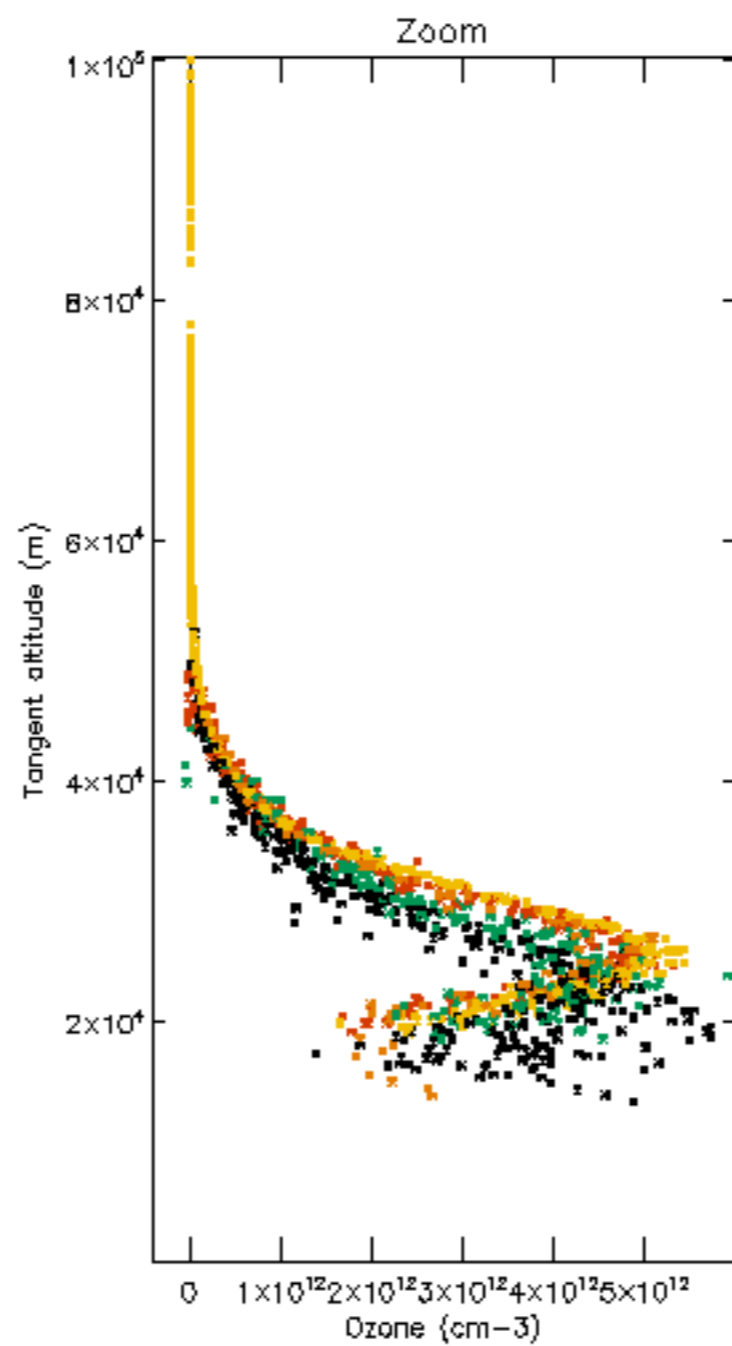
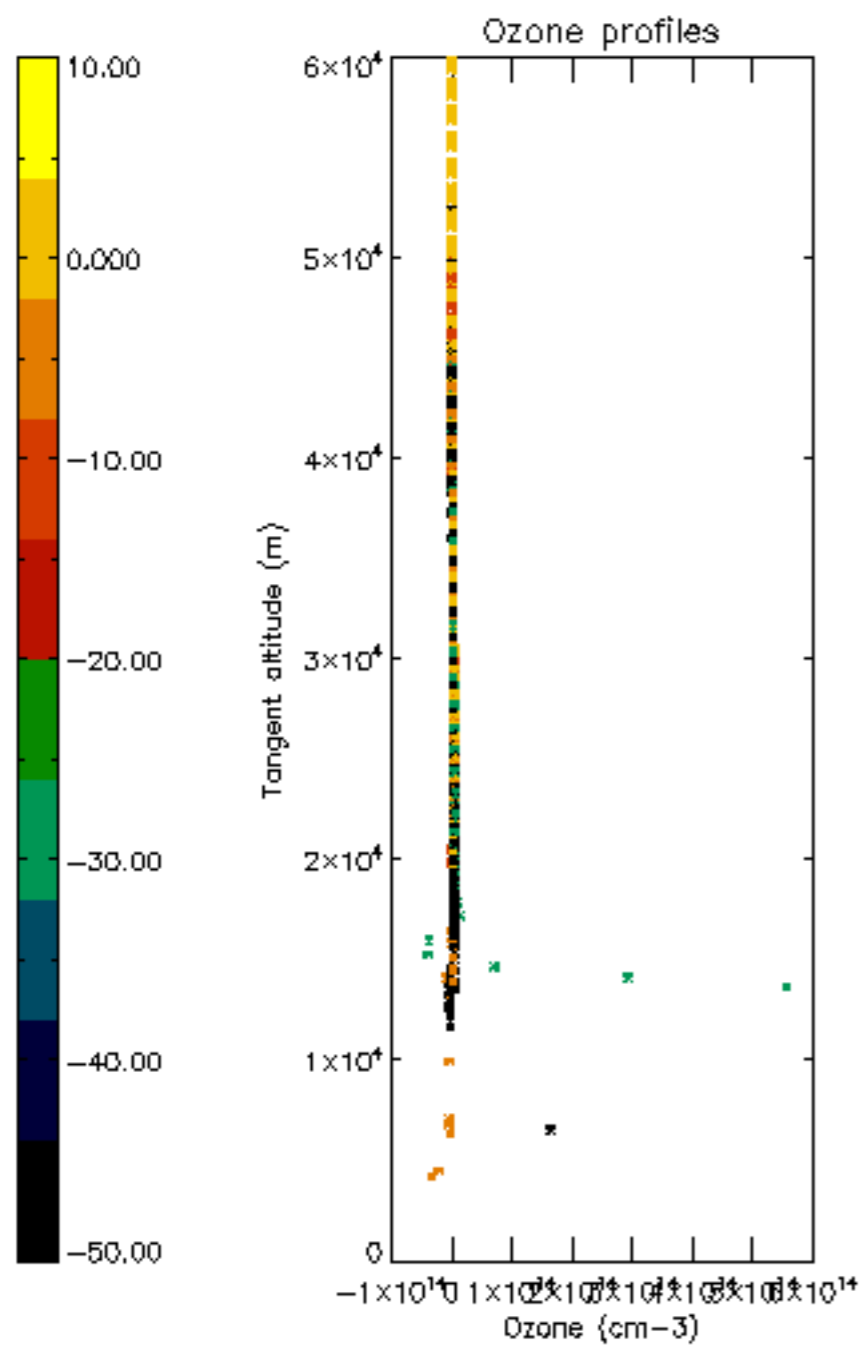
Percentage of star falling outside central band per profile

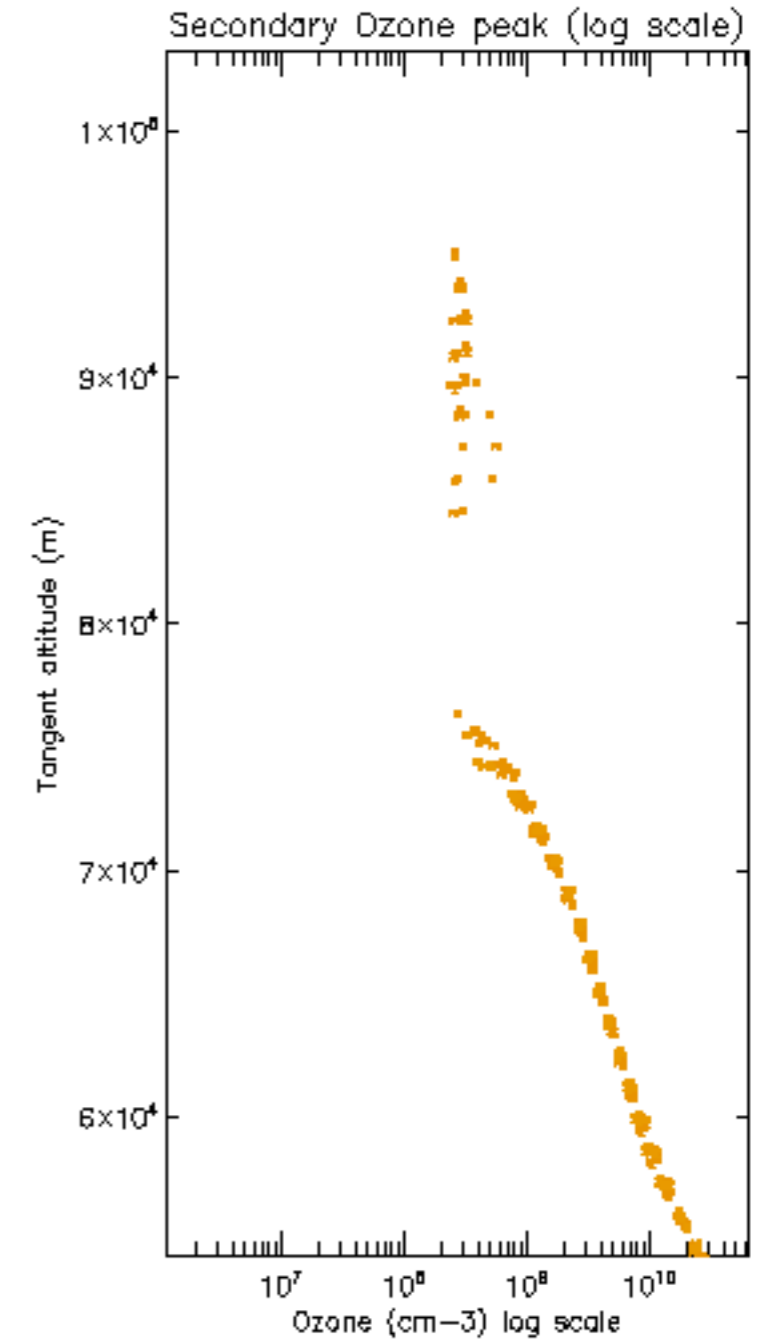
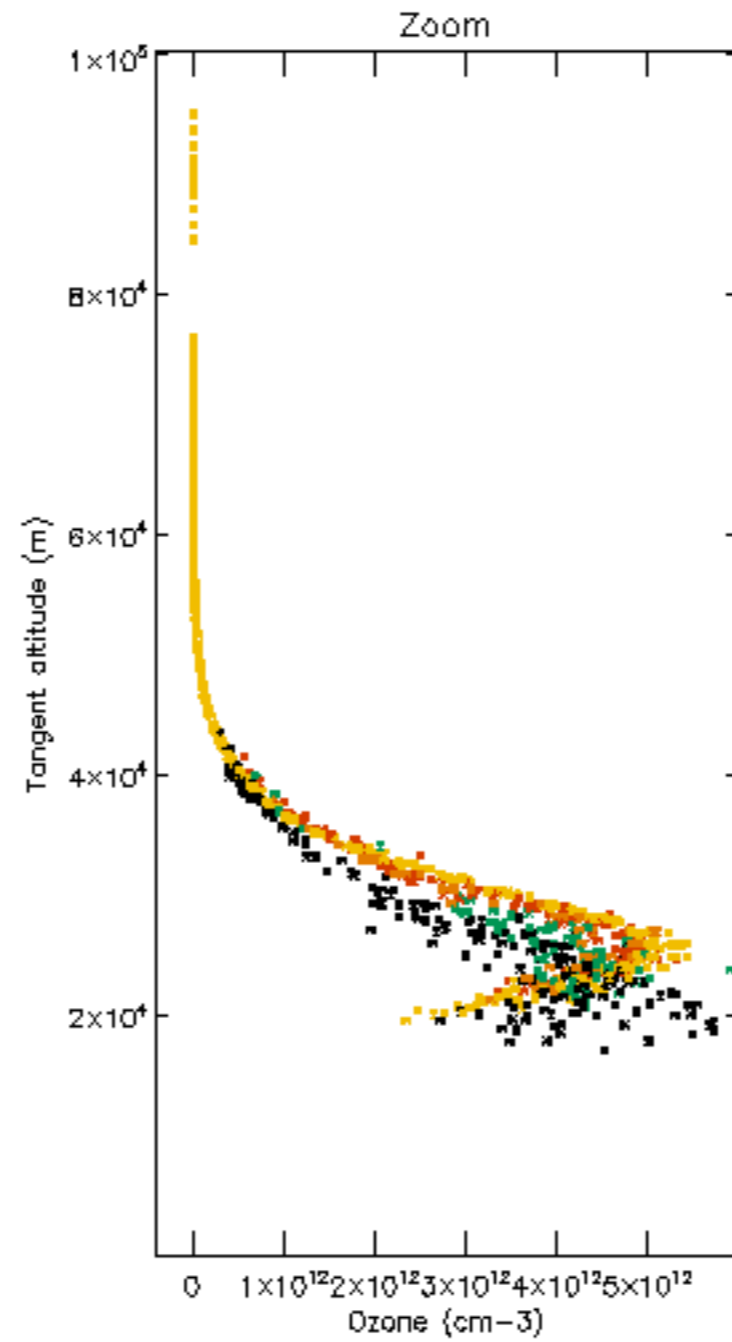
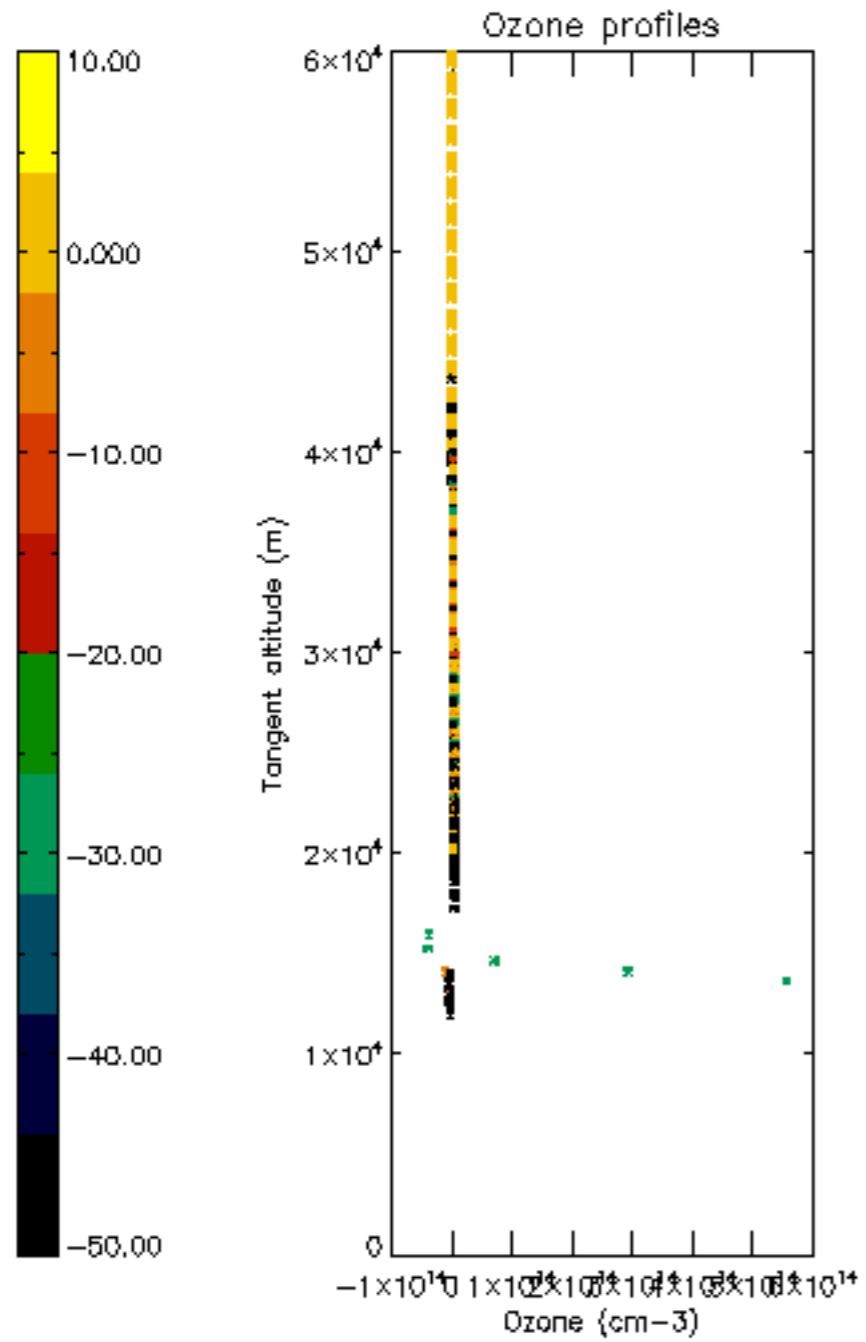


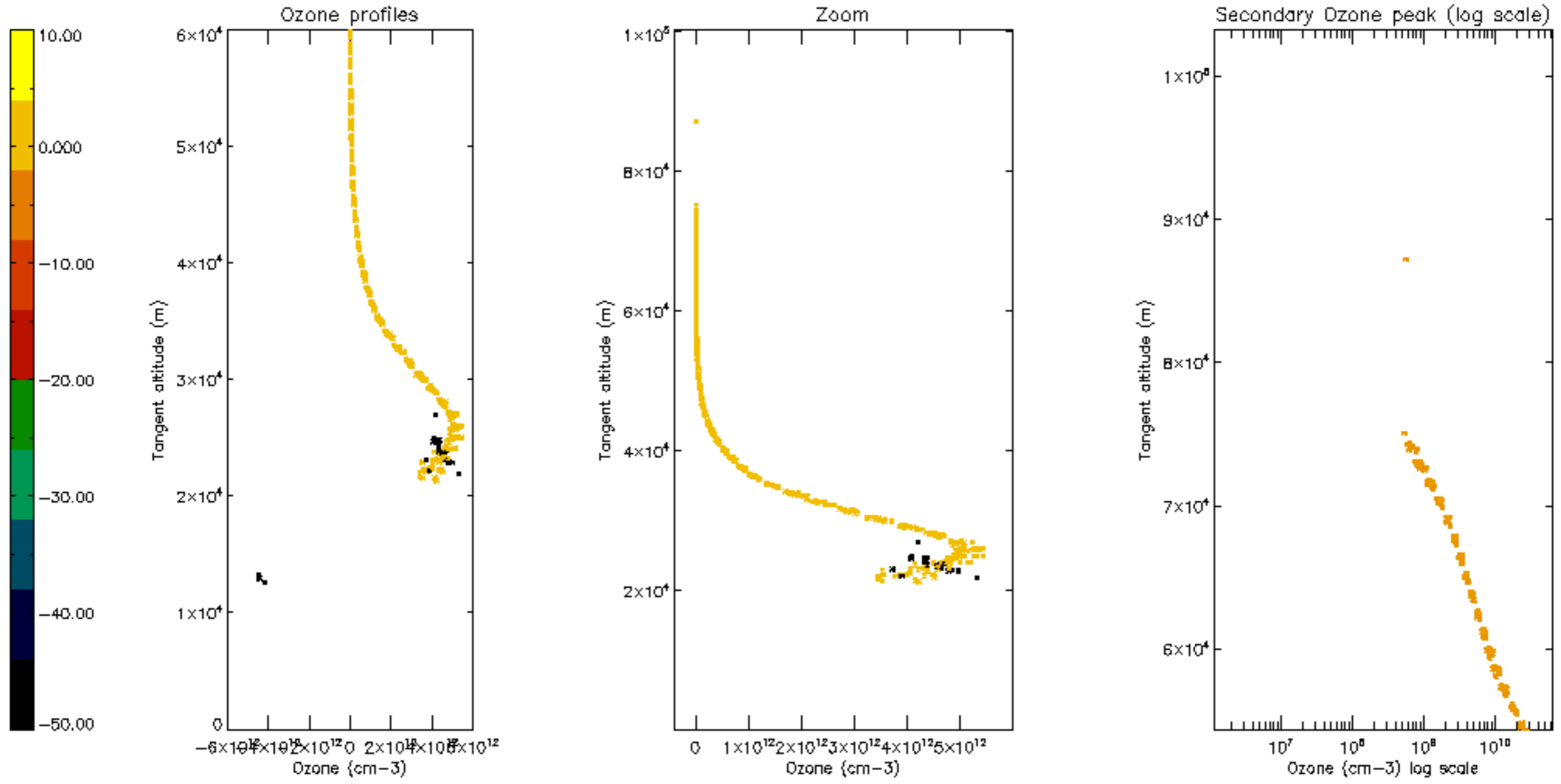
Percentage of saturation errors per profile

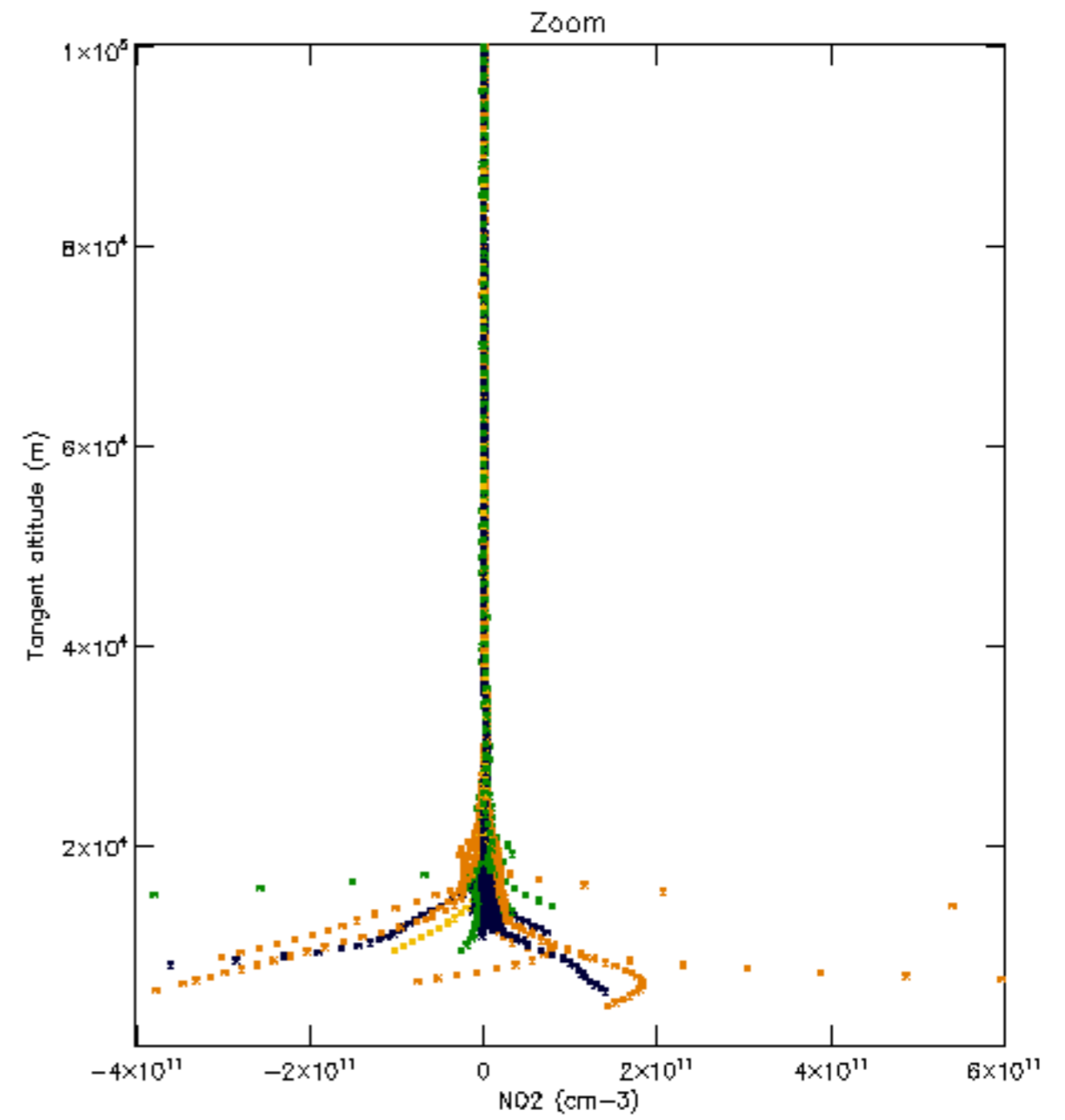
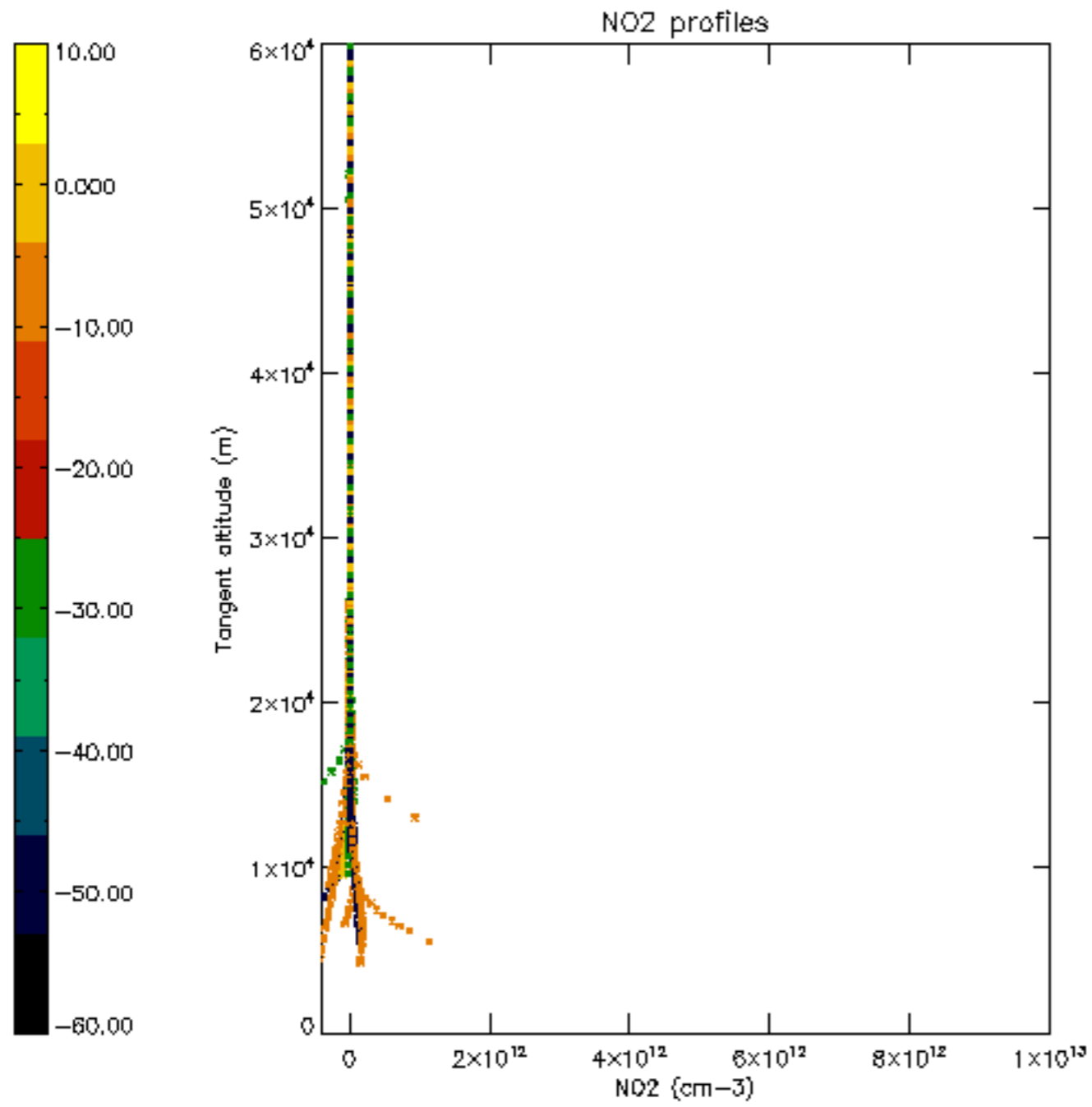


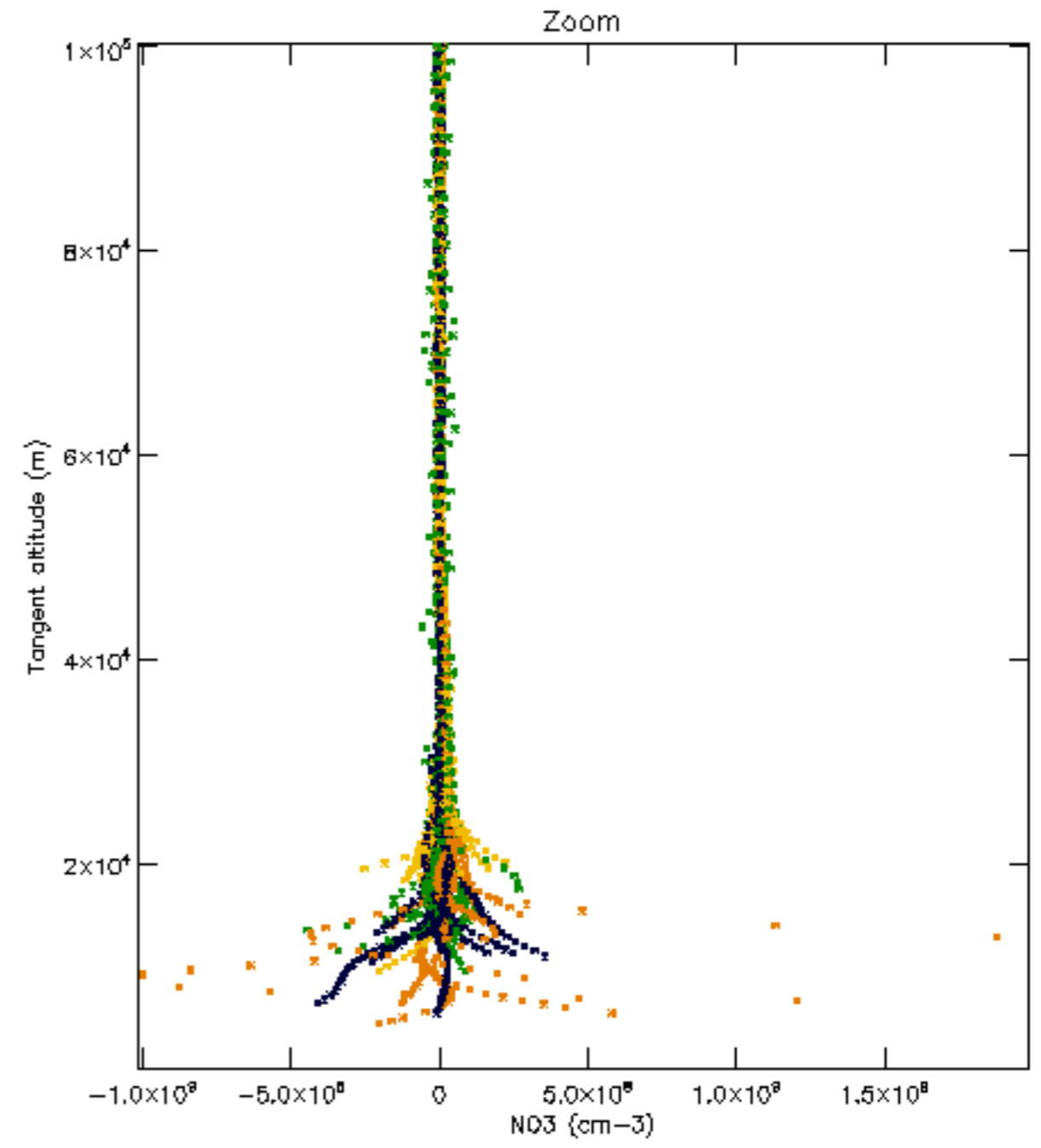
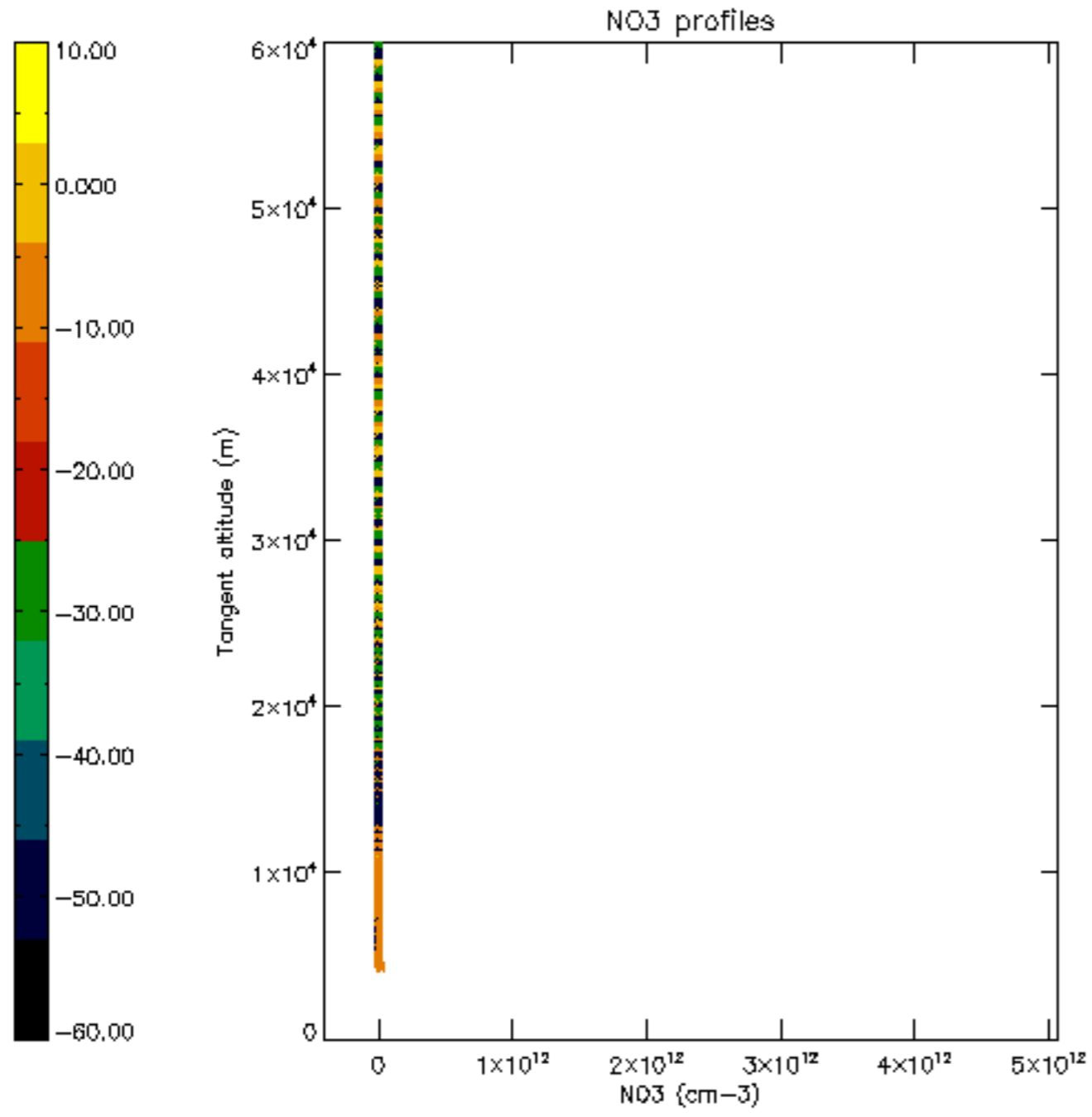


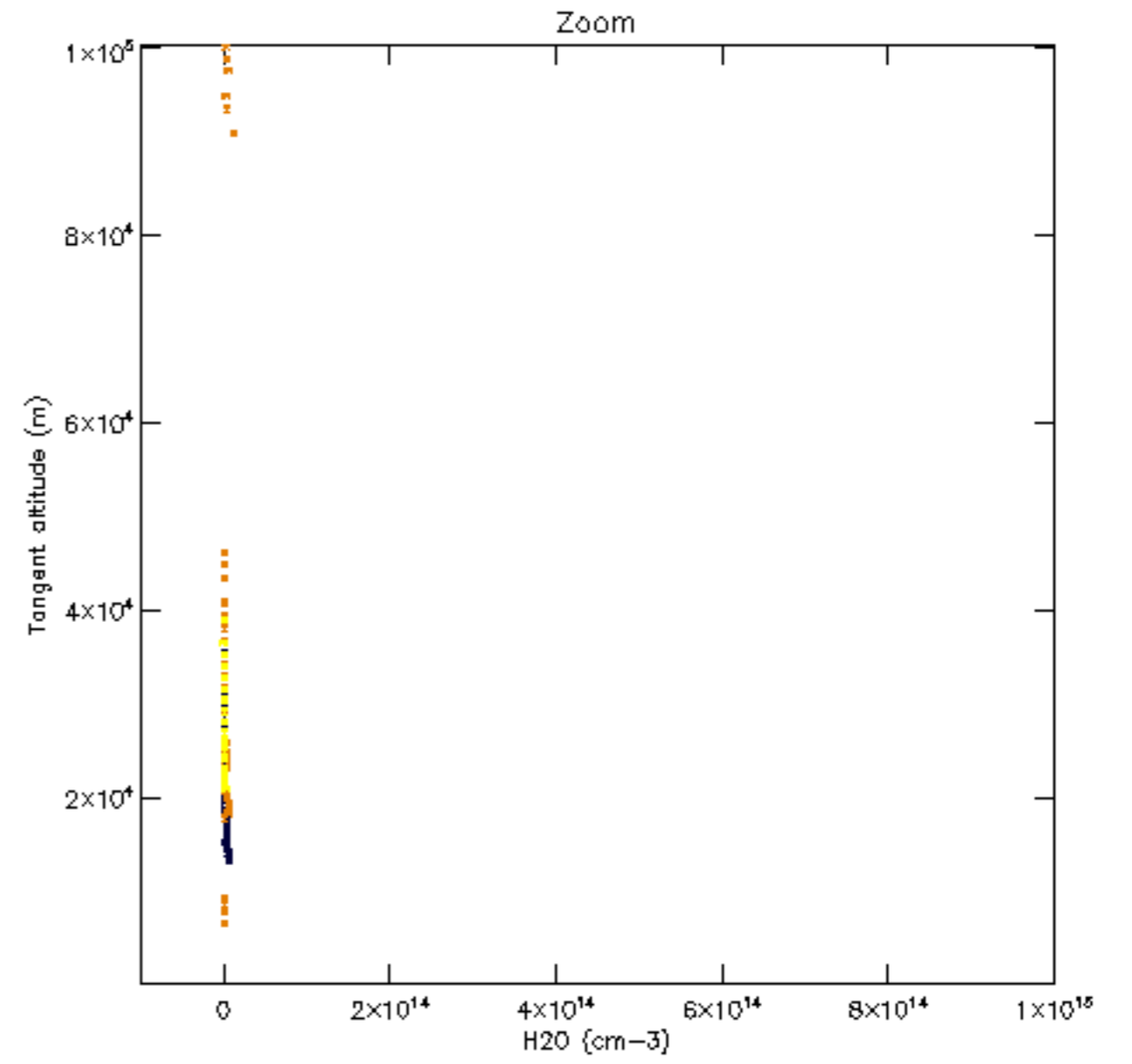
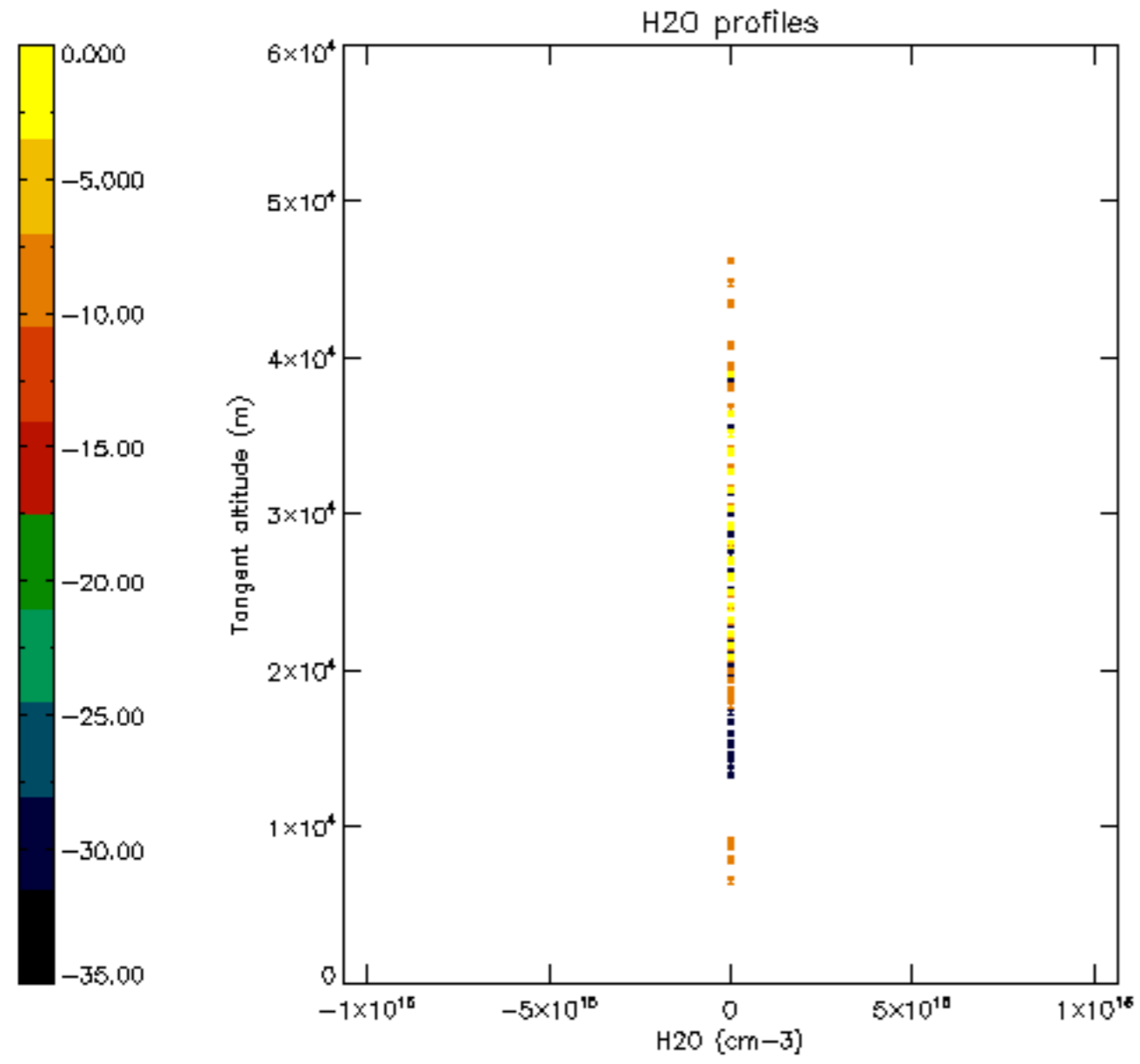


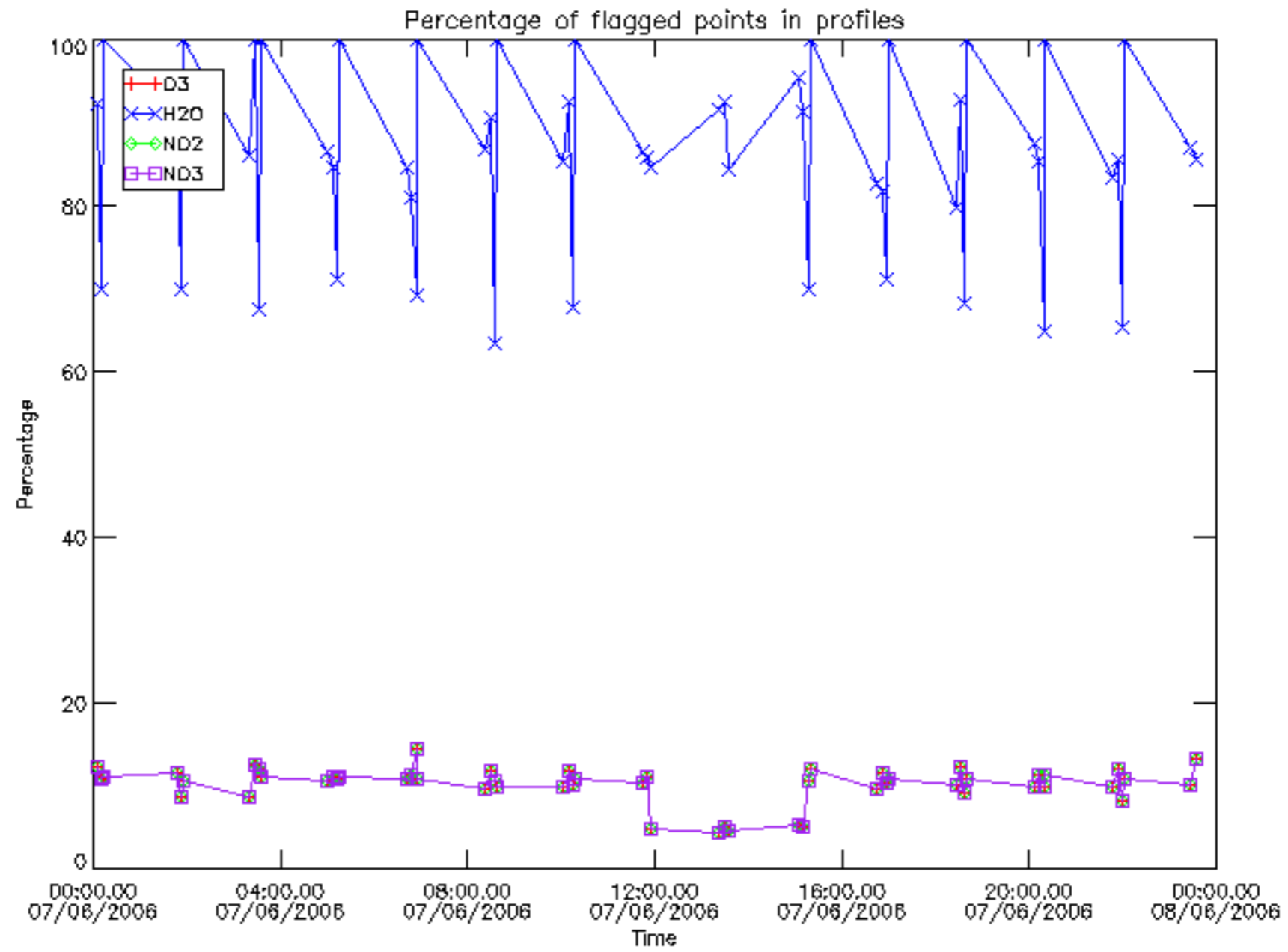




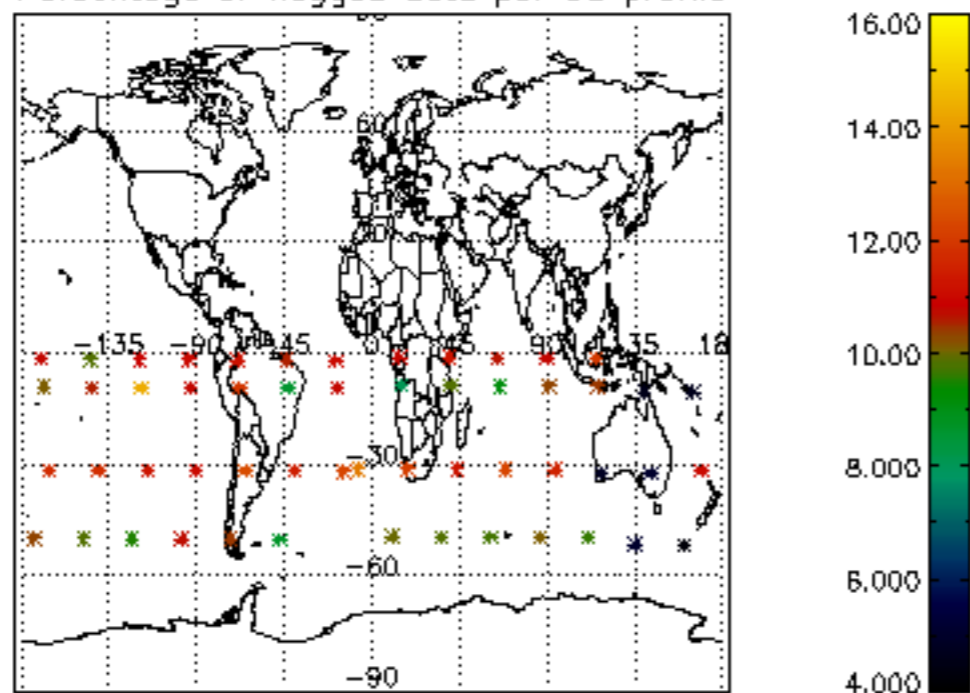




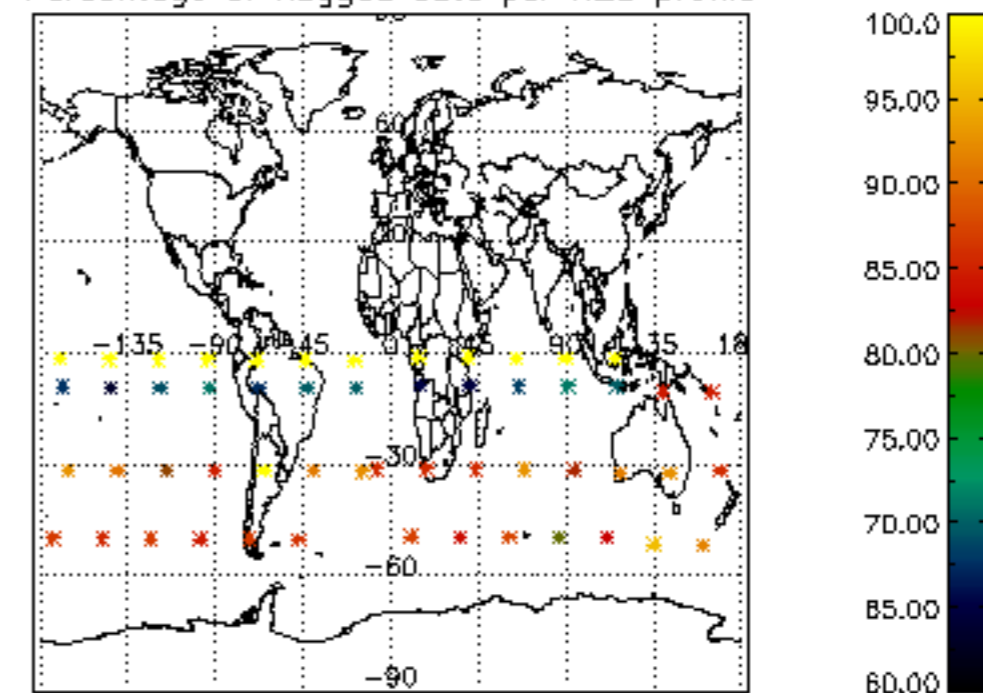




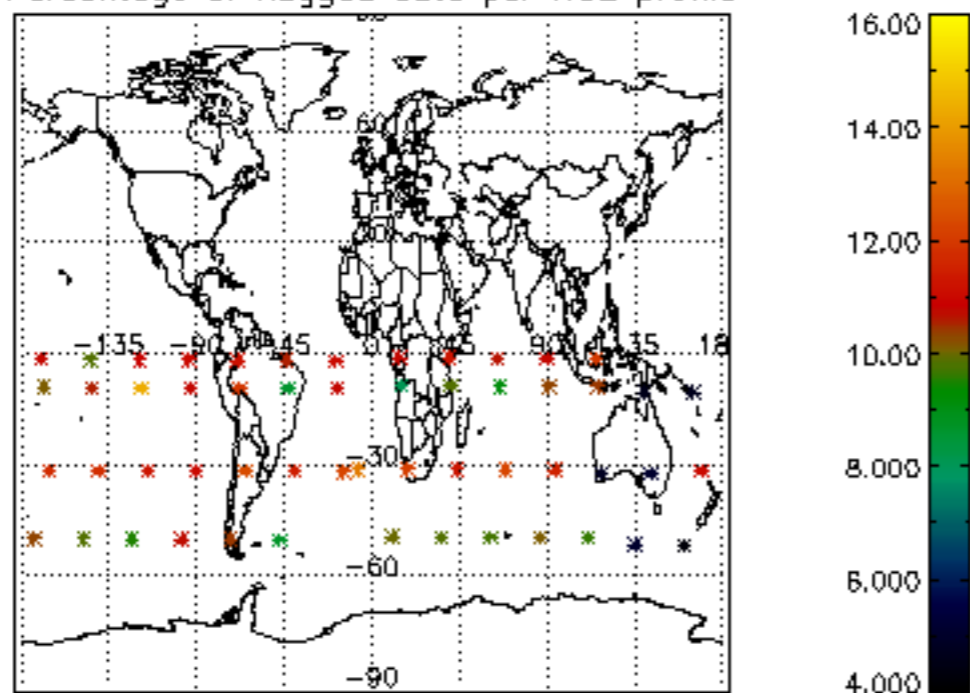
Percentage of flagged data per D3 profile



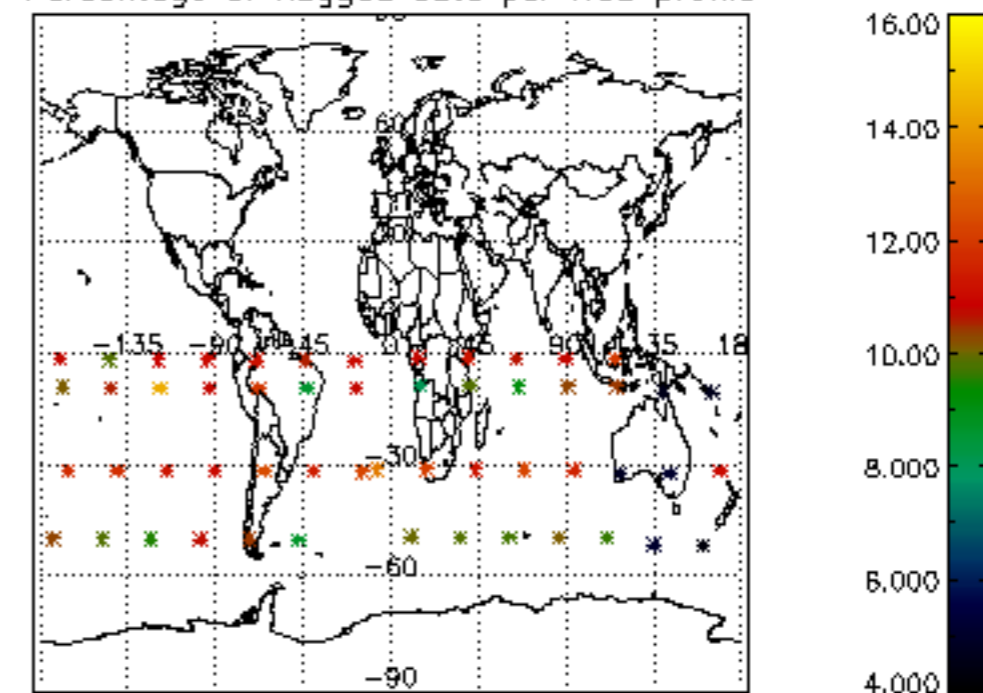
Percentage of flagged data per H2O profile

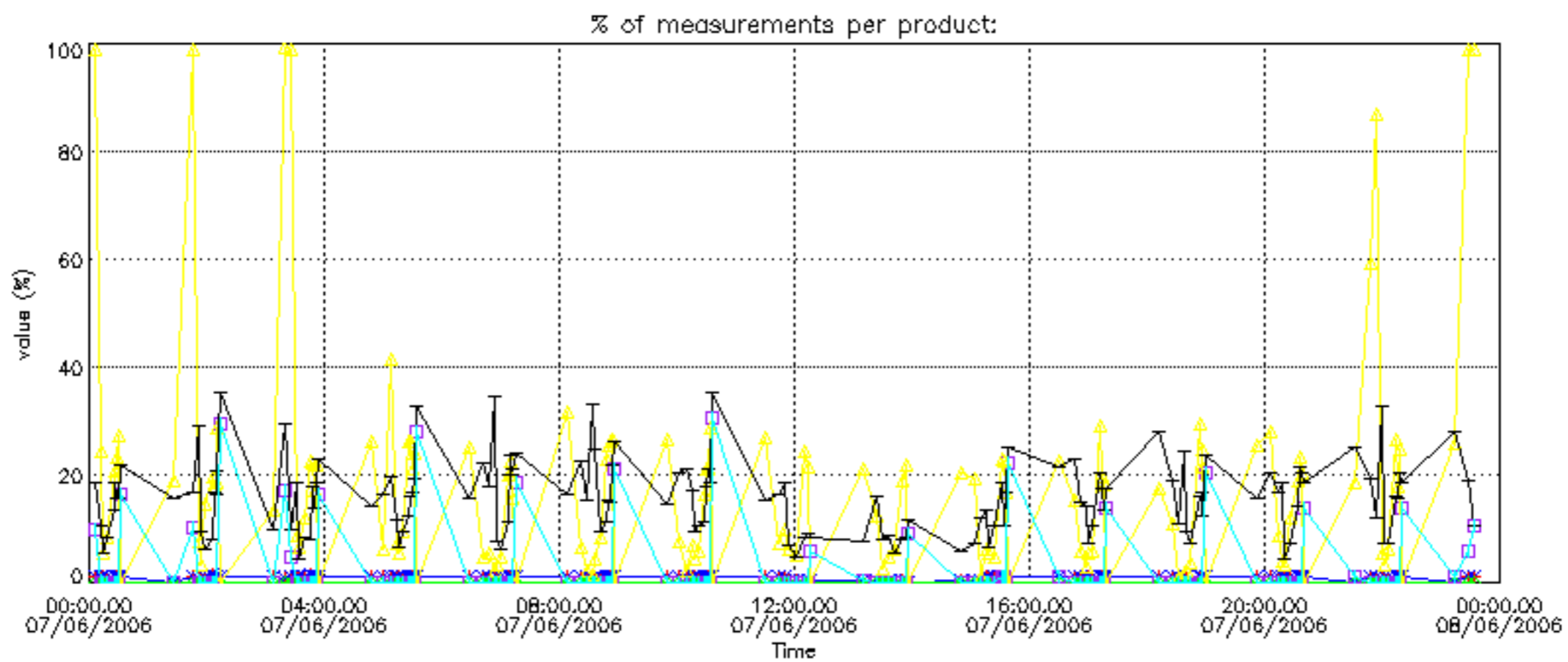


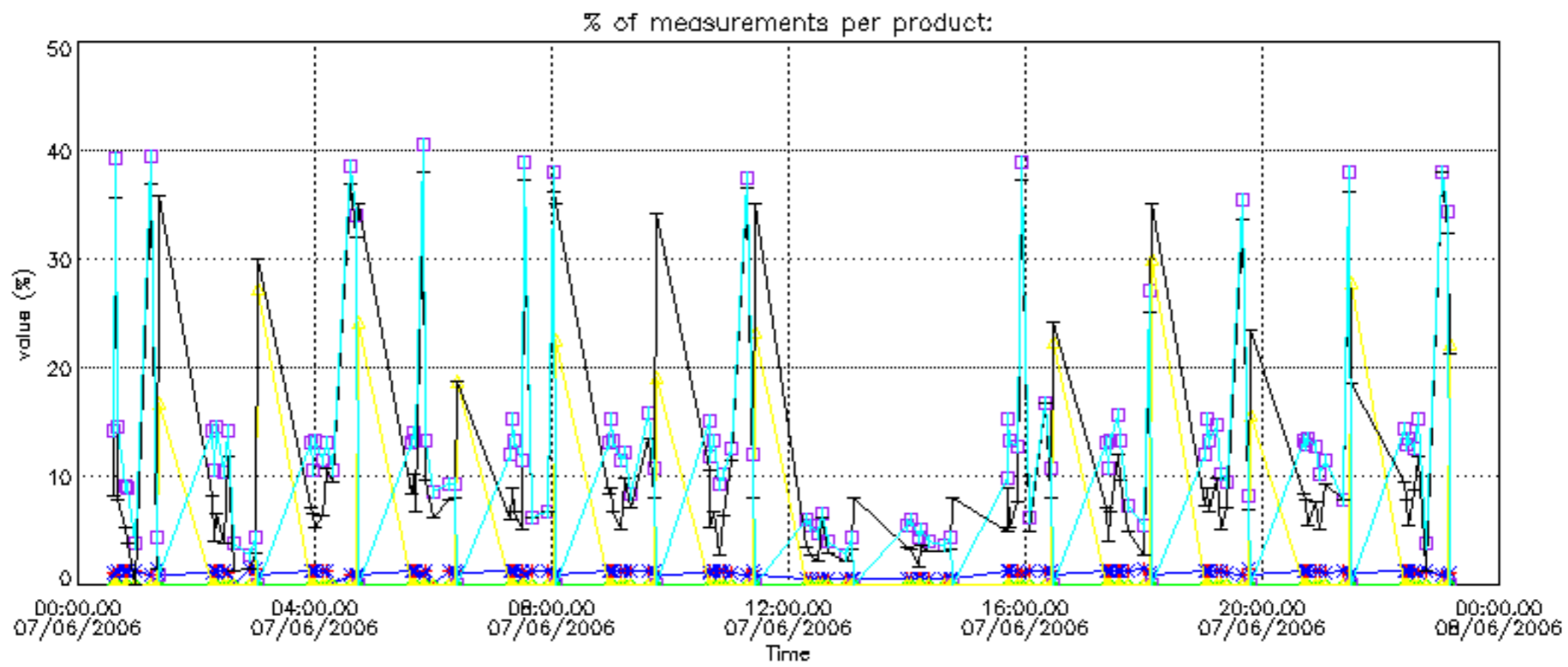
Percentage of flagged data per NO2 profile



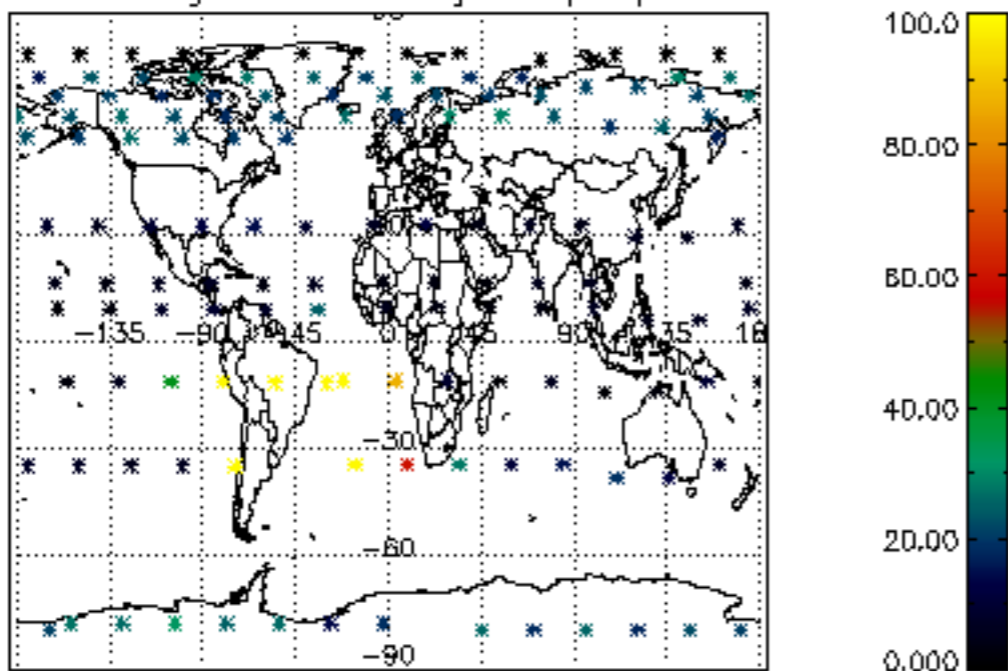
Percentage of flagged data per NO3 profile



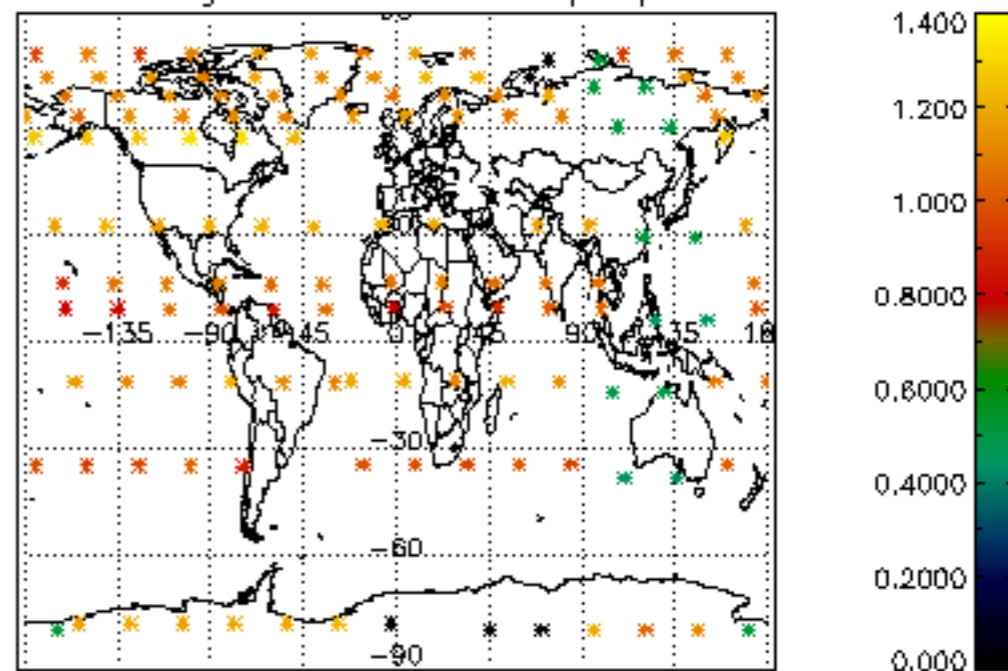




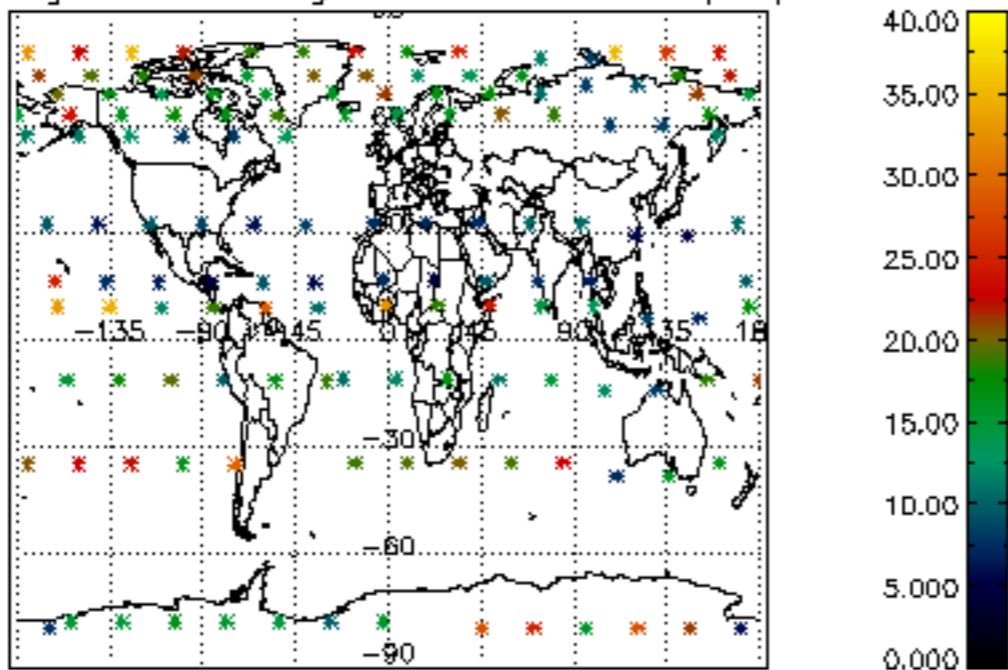
Percentage of cosmic ray hits per profile



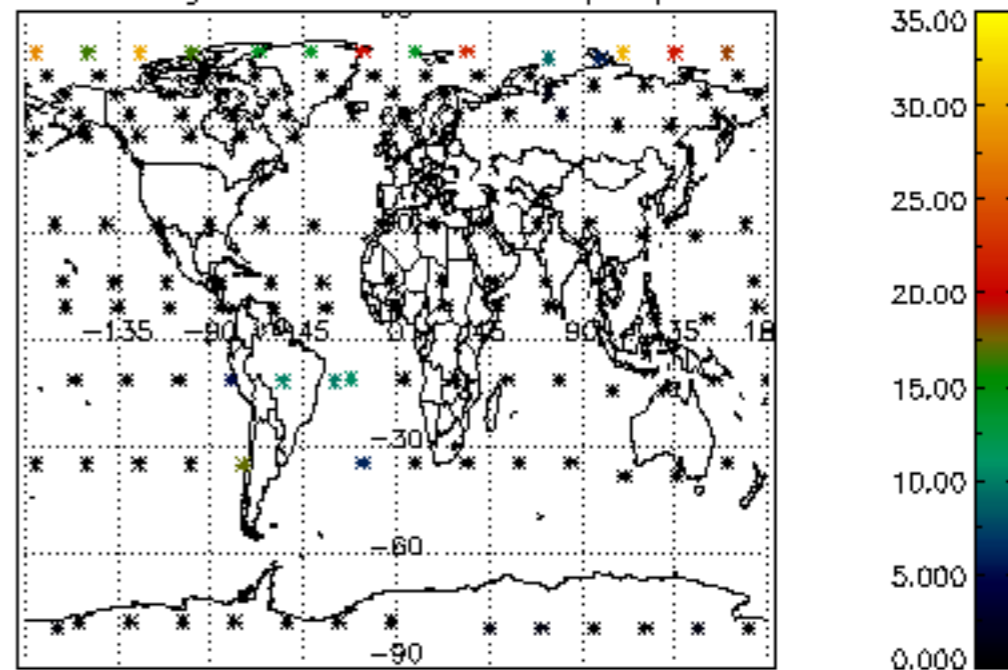
Percentage of datation errors per profile



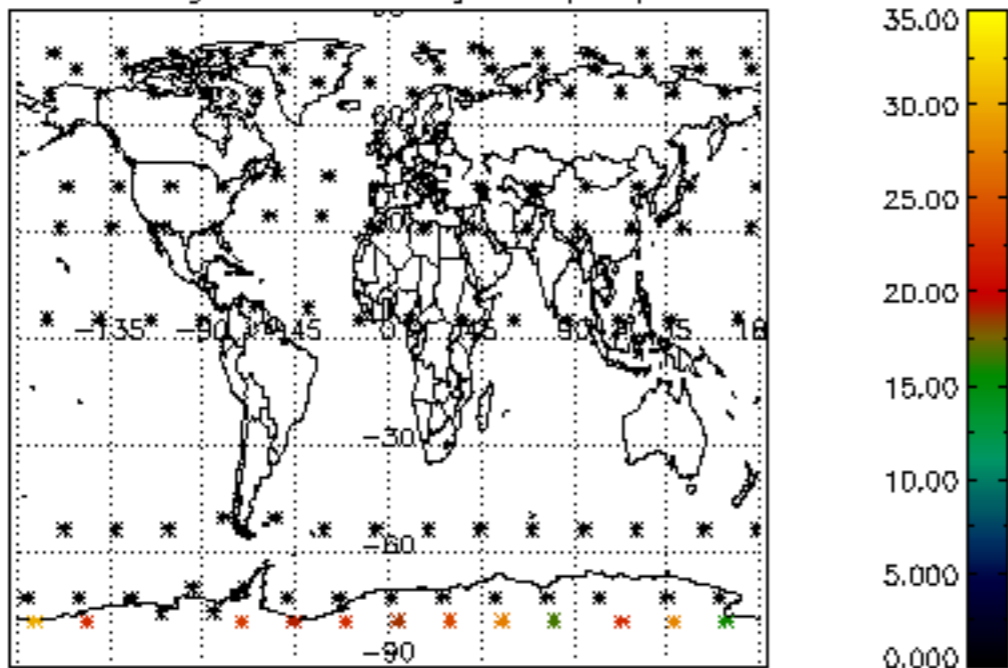
Percentage of star falling outside central band per profile



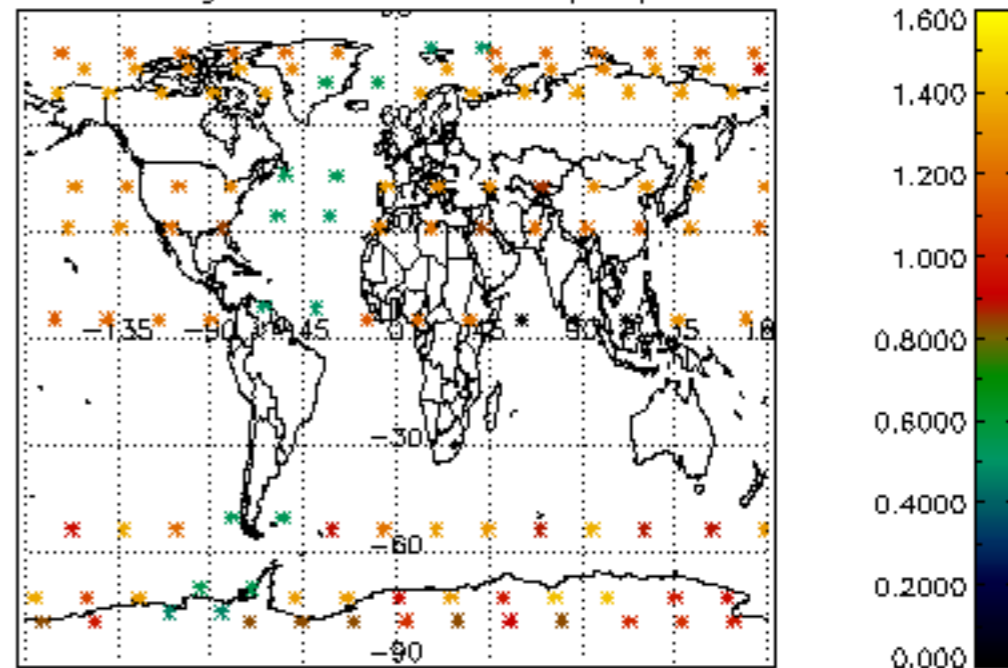
Percentage of saturation errors per profile



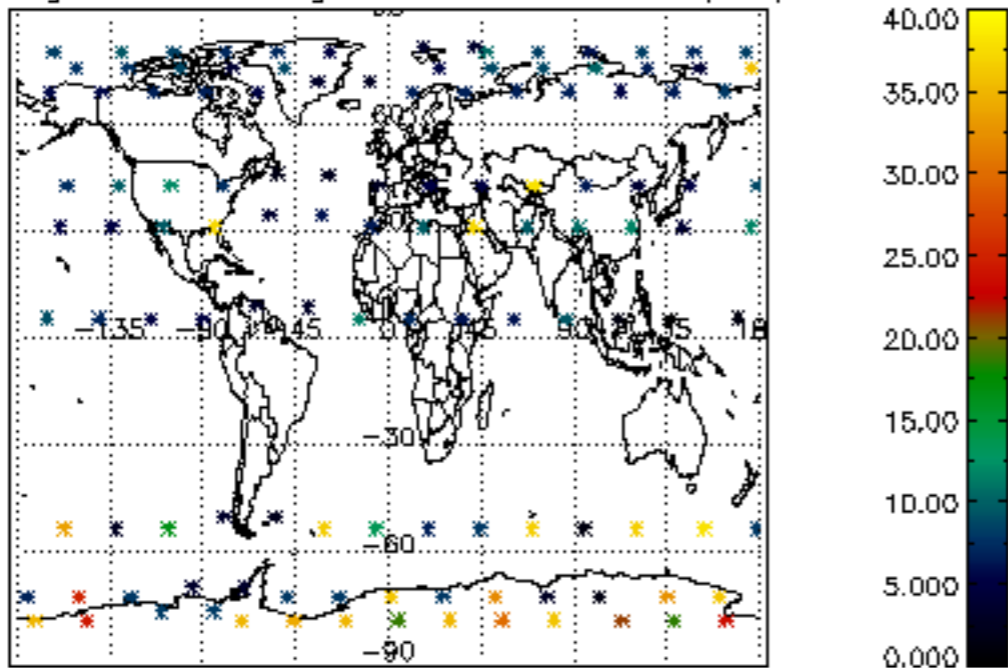
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

