

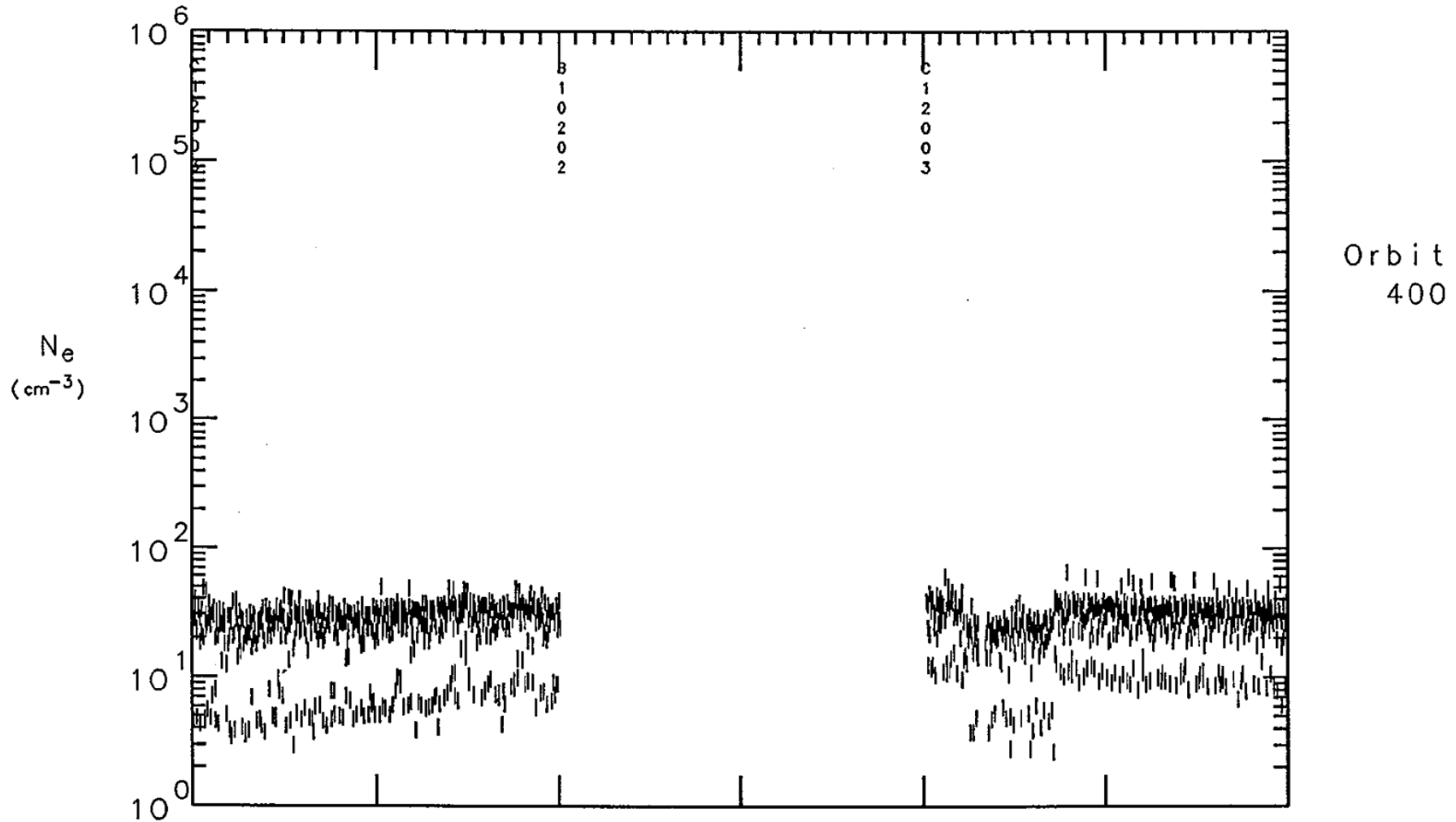
Universal Time, Day 80009

Ne hi-res Radial

Plotted:  
16-JUL-93  
15:56:38

23100	23700	24300	24900	25500	26100	26700
6:25	6:35	6:45	6:55	7: 5	7:15	7:25

secs  
hh:mm



ALT	6405	3723	1307	152	1258	3660	6341	km
LAT	63	72	59	15	-30	-58	-70	deg
LONG	174	134	62	36	21	2	-26	deg
SZA	112	96	67	22	32	61	77	deg
LST	1.4	3.9	9.0	10.8	11.8	12.9	14.7	hr

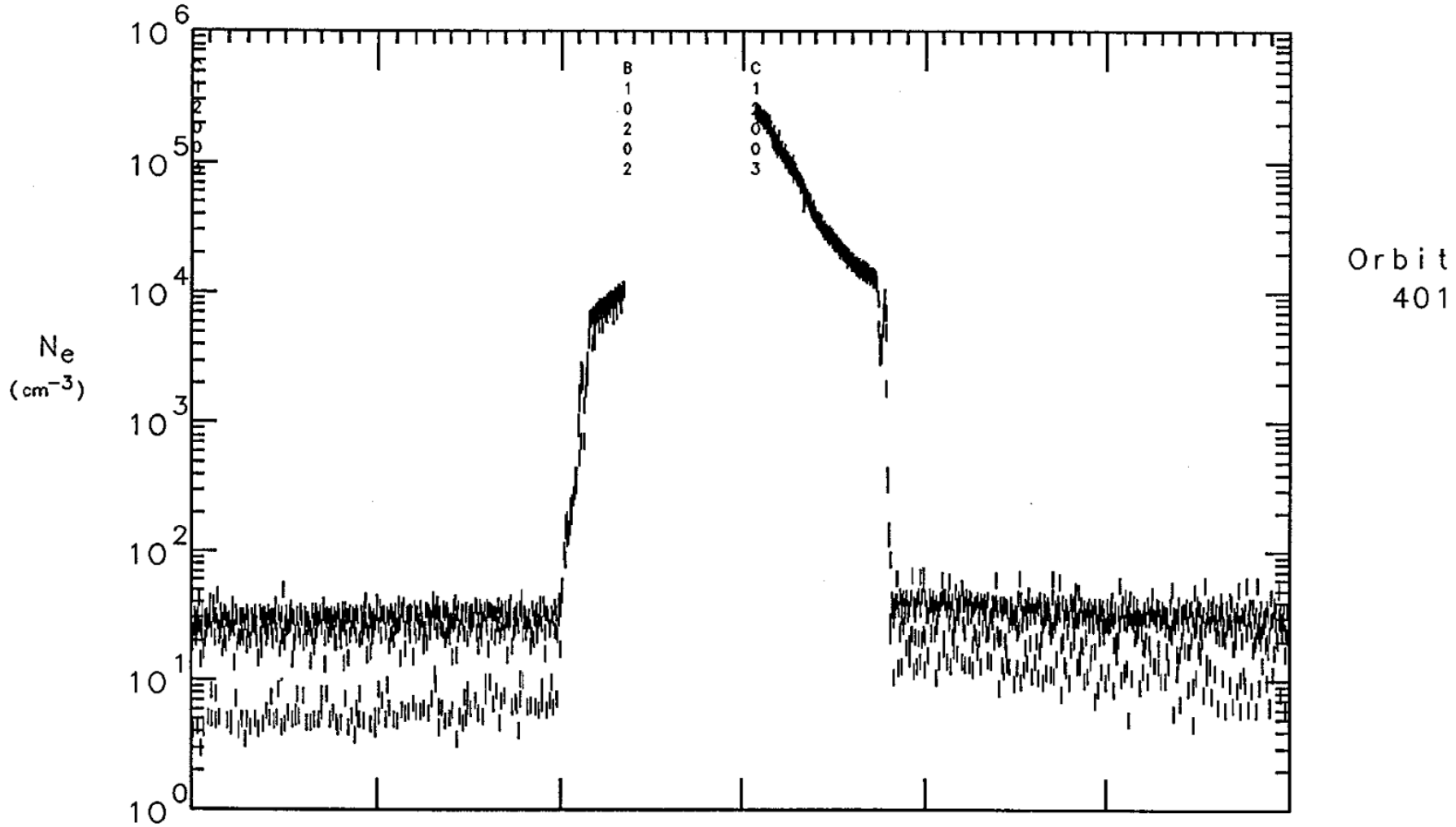
Universal Time, Day 80010

Ne hi-res Radiol

Plotted:  
16-JUL-93  
16:02:58

23460	24060	24660	25260	25860	26460	27060
6:31	6:41	6:51	7: 1	7:11	7:21	7:31

secs  
hh:mm



ALT	6450	3767	1342	158	1233	3625	6305	km
LAT	63	72	60	16	-30	-57	-70	deg
LONG	176	137	64	37	22	4	-24	deg
SZA	112	95	67	22	32	60	77	deg
LST	1.5	3.9	9.0	10.9	11.9	13.0	14.8	hr

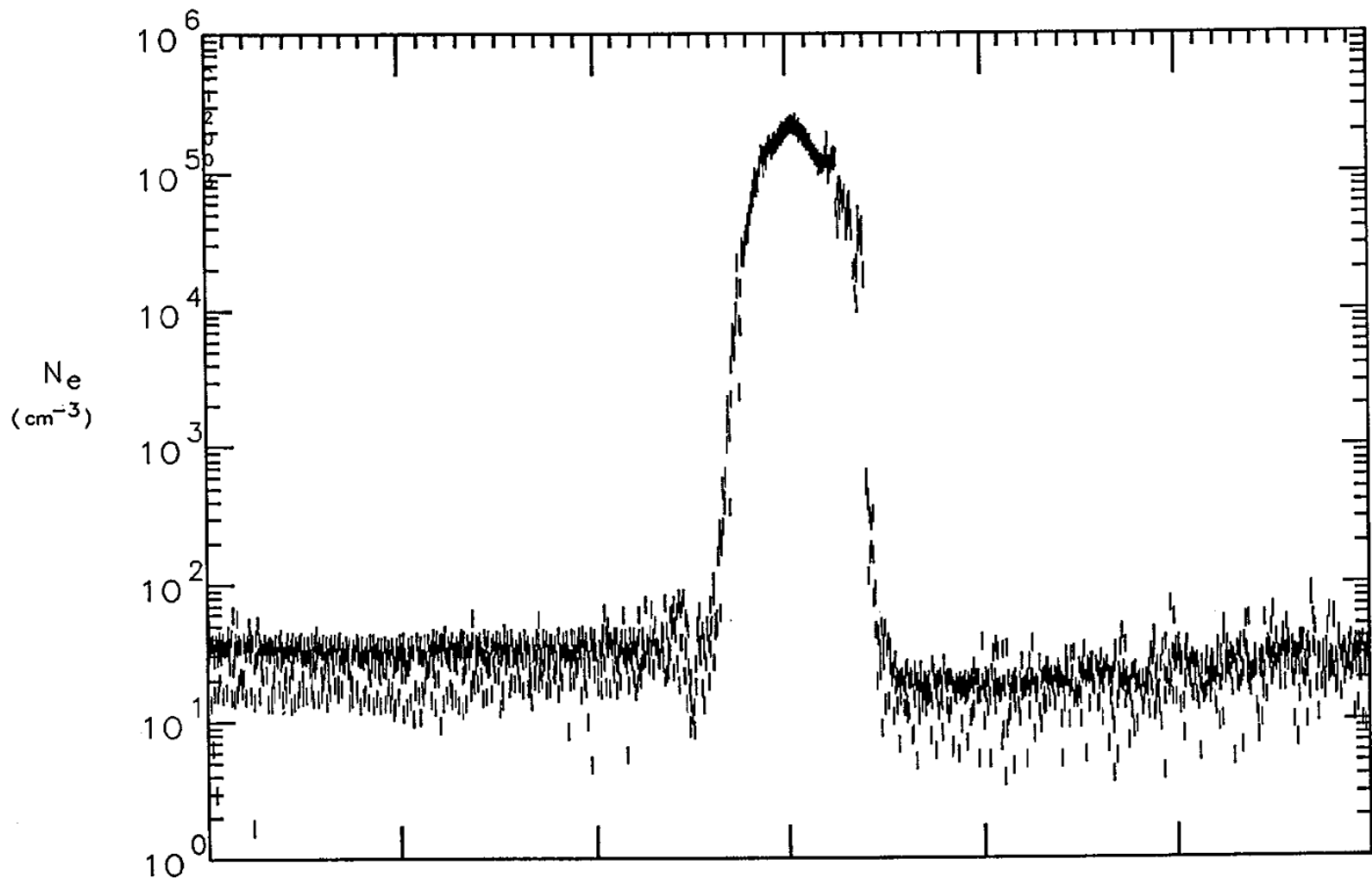
Universal Time, Day 80011

Ne hi-res Radial

Plotted:  
16-JUL-93  
16:11:11

23820	24420	25020	25620	26220	26820	27420
6:37	6:47	6:57	7: 7	7:17	7:27	7:37

secs  
hh:mm



Orbit  
402

ALT	6447	3766	1343	163	1238	3628	6307	km
LAT	63	72	60	16	-30	-57	-70	deg
LONG	177	138	65	39	24	6	-22	deg
SZA	112	95	66	20	32	61	78	deg
LST	1.6	4.1	9.1	11.0	12.0	13.1	14.9	hr

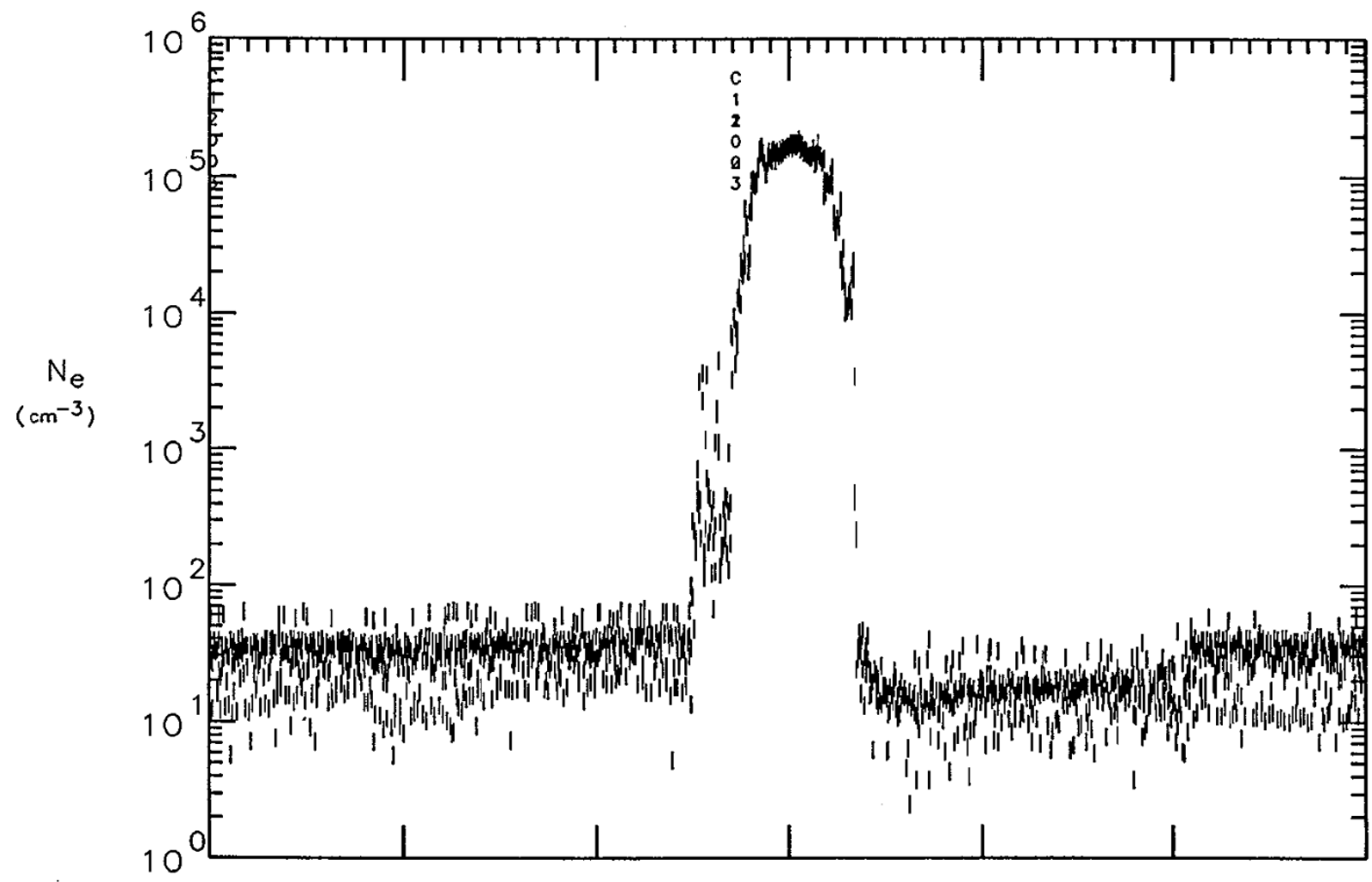
Universal Time, Day 80012

Ne hi-res Radial

Plotted:  
16-JUL-93  
16:20:32

24180	24780	25380	25980	26580	27180	27780
6:43	6:53	7: 3	7:13	7:23	7:33	7:43

secs  
hh:mm



Orbit  
403

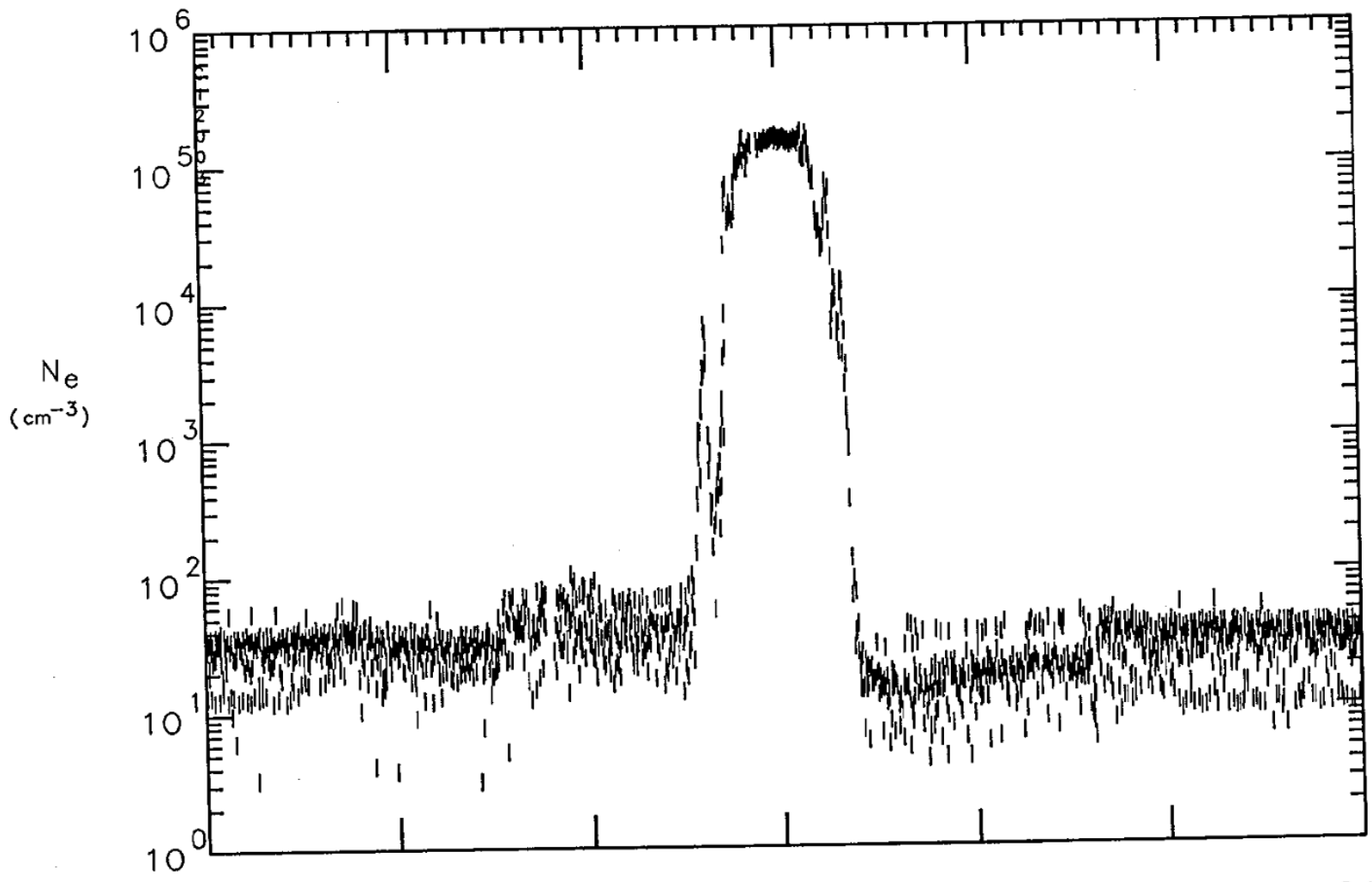
ALT	6409	3729	1317	166	1269	3666	6345	km
LAT	63	72	59	15	-30	-57	-70	deg
LONG	179	138	66	40	25	7	-21	deg
SZA	111	94	65	19	32	61	78	deg
LST	1.7	4.2	9.3	11.1	12.1	13.2	15.0	hr

Universal Time, Day 80013

Ne hi-res Radial

Plotted:  
16-JUL-93  
16:40:13

24540	25140	25740	26340	26940	27540	28140	secs
6:49	6:59	7: 9	7:19	7:29	7:39	7:49	hh:mm



Orbit  
404

ALT	6350	3672	1276	171	1316	3725	6403	km
LAT	63	73	58	14	-31	-58	-70	deg
LONG	-179	138	67	41	26	8	-20	deg
SZA	111	93	64	17	33	62	79	deg
LST	1.9	4.5	9.5	11.2	12.2	13.4	15.2	hr

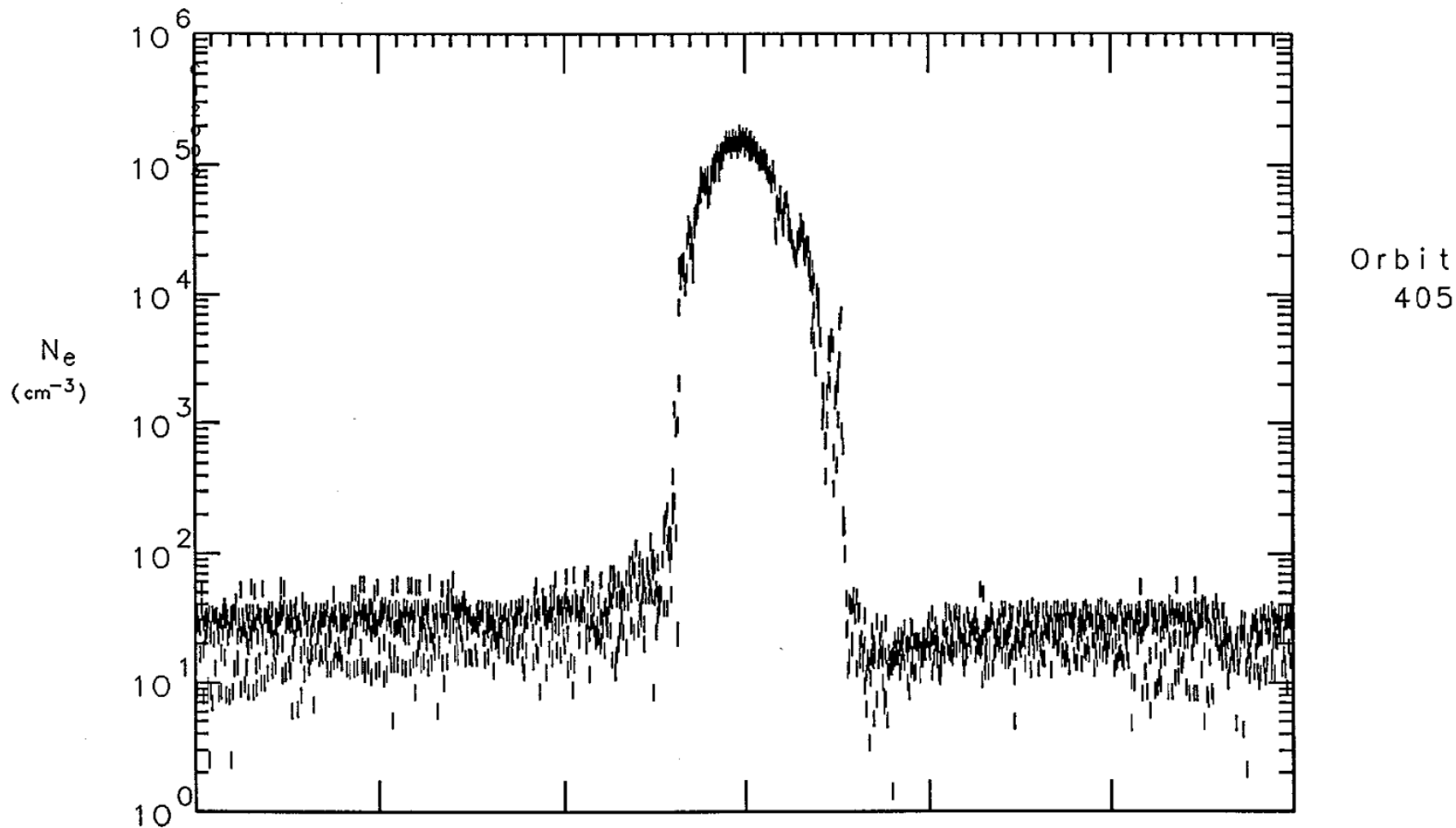
Universal Time, Day 80014

Ne hi-res Radial

Plotted:  
16-JUL-93  
16:48:10

24900	25500	26100	26700	27300	27900	28500
6:55	7: 5	7:15	7:25	7:35	7:45	7:55

secs  
hh:mm



ALT	6276	3602	1225	177	1374	3798	6476	km
LAT	64	73	57	12	-32	-58	-70	deg
LONG	-179	137	67	42	27	9	-20	deg
SZA	110	92	62	14	34	63	80	deg
LST	2.0	4.7	9.7	11.4	12.3	13.5	15.3	hr

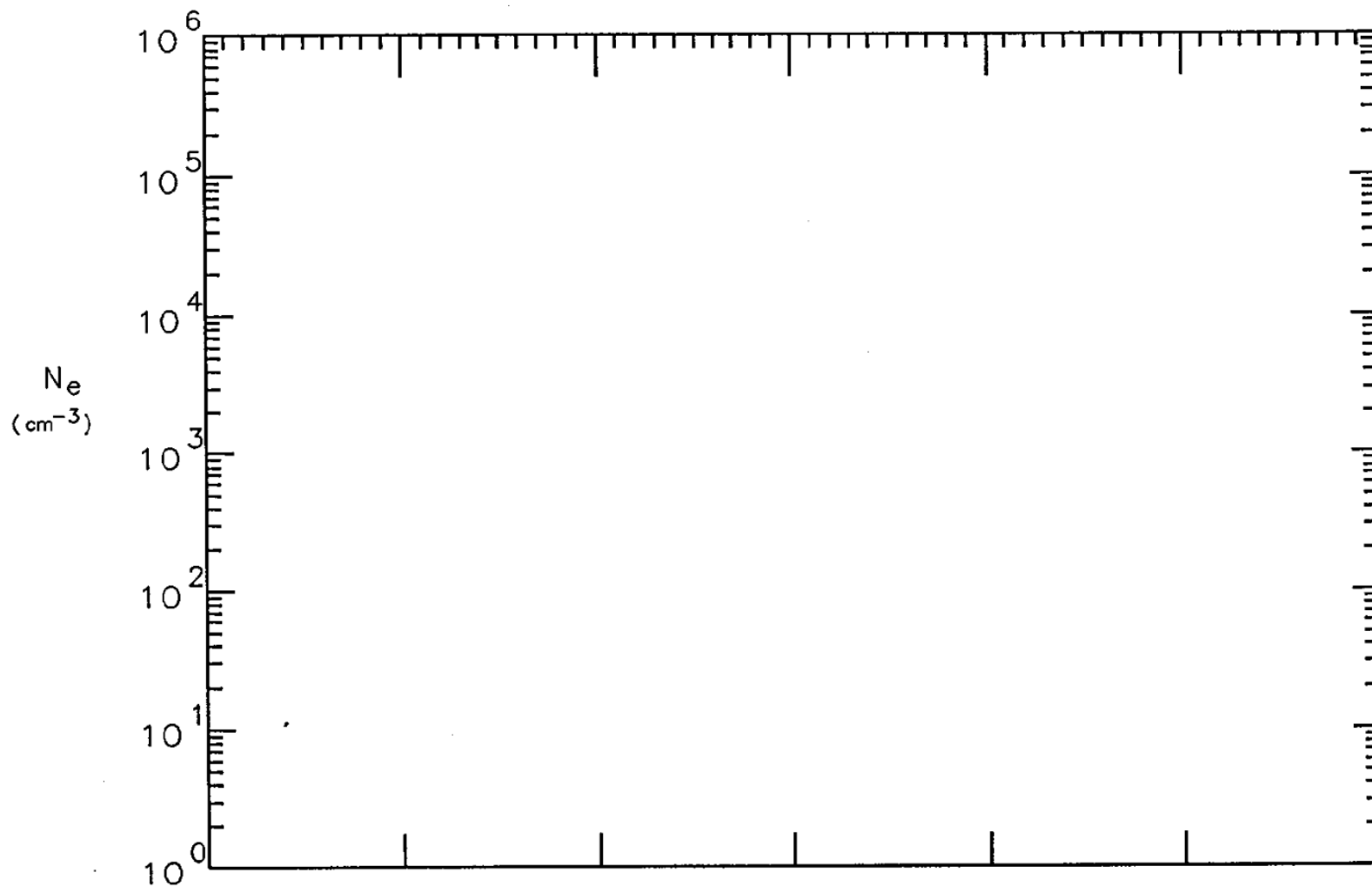
Universal Time, Day 80015

Ne hi-res Radial

Plotted:  
16-JUL-93  
16:56:51

25200	25800	26400	27000	27600	28200	28800
7: 0	7:10	7:20	7:30	7:40	7:50	8: 0

secs  
hh:mm



Orbit  
406

ALT	6462	3786	1367	181	1237	3615	6289	km
LAT	63	72	60	16	-30	-57	-70	deg
LONG	-176	144	71	45	30	12	-16	deg
SZA	110	93	64	17	31	61	79	deg
LST	2.0	4.5	9.6	11.4	12.4	13.5	15.3	hr

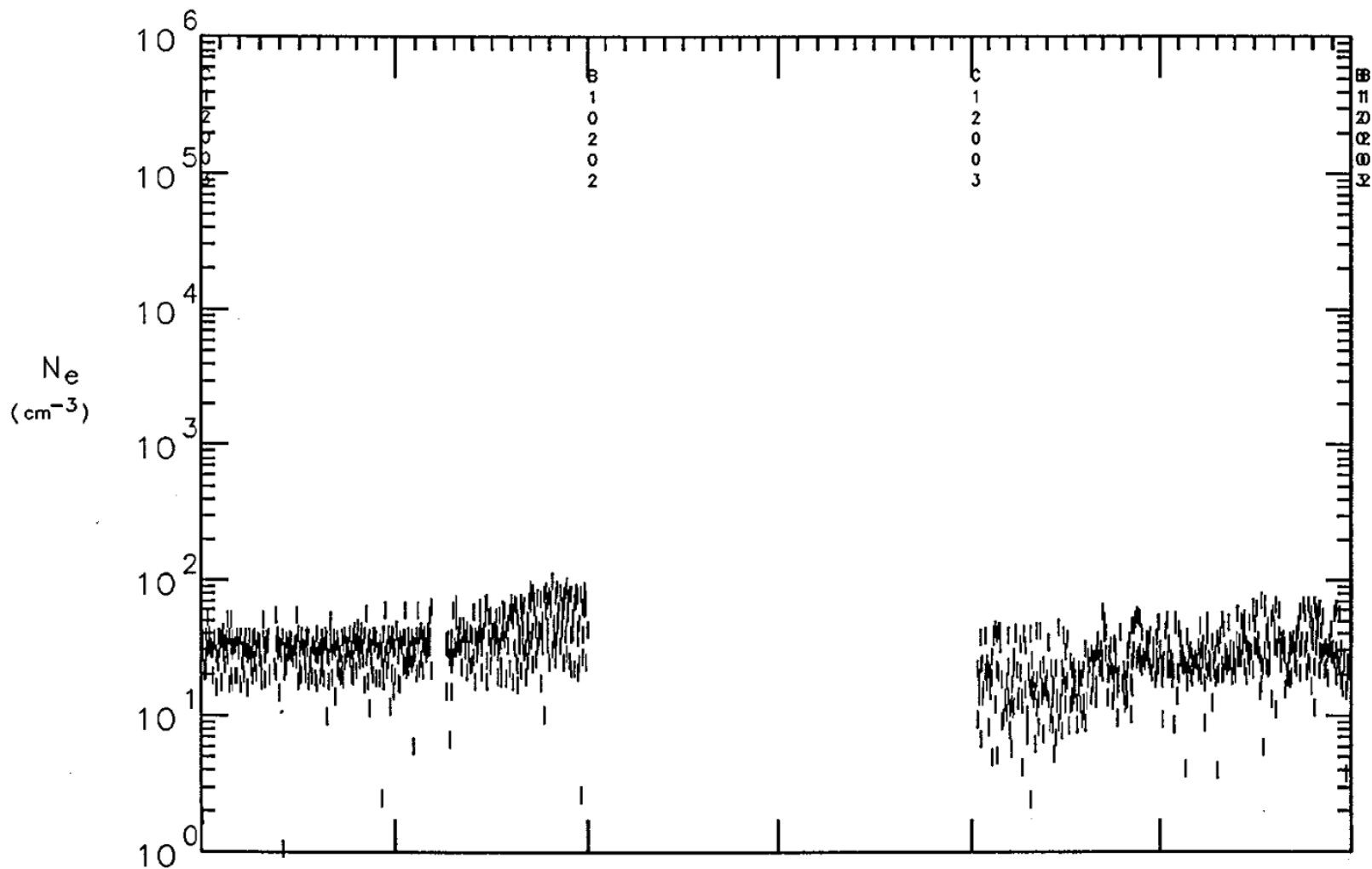
Universal Time, Day 80016

Ne hi-res Radial

Plotted:  
16-JUL-93  
16:58:47

25560	26160	26760	27360	27960	28560	29160
7: 6	7:16	7:26	7:36	7:46	7:56	8: 6

secs  
hh:mm



Orbit  
407

ALT	6321	3639	1241	153	1326	3750	6434	km
LAT	63	72	58	13	-32	-58	-70	deg
LONG	-175	142	71	46	30	12	-17	deg
SZA	109	92	62	13	34	63	80	deg
LST	2.2	4.8	9.8	11.6	12.6	13.7	15.5	hr

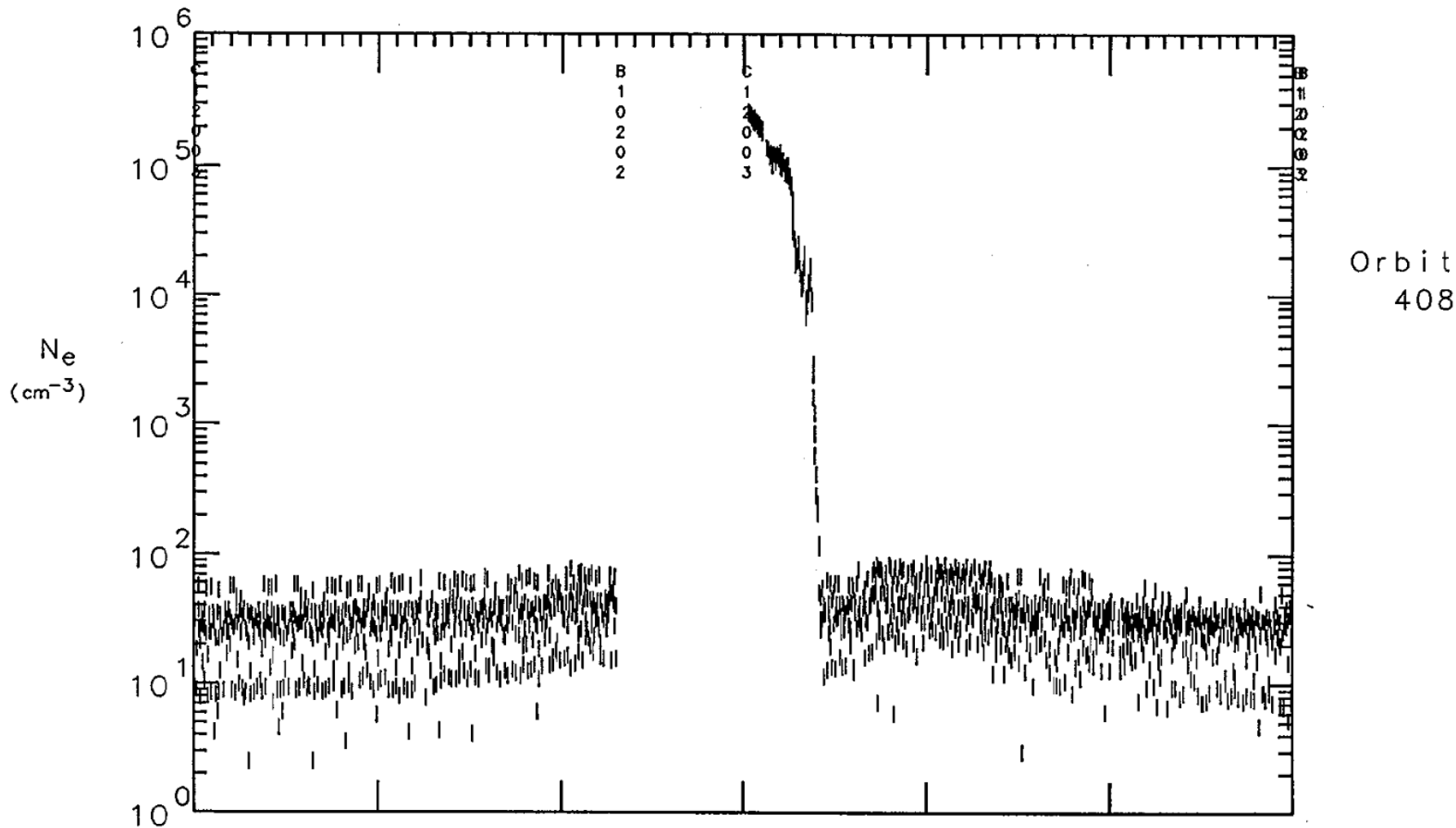


Universal Time, Day 80017

Ne hi-res Radial

Plotted:  
16-JUL-93  
17:05:09

25800	26400	27000	27600	28200	28800	29400	secs
7:10	7:20	7:30	7:40	7:50	8:0	8:10	hh:mm



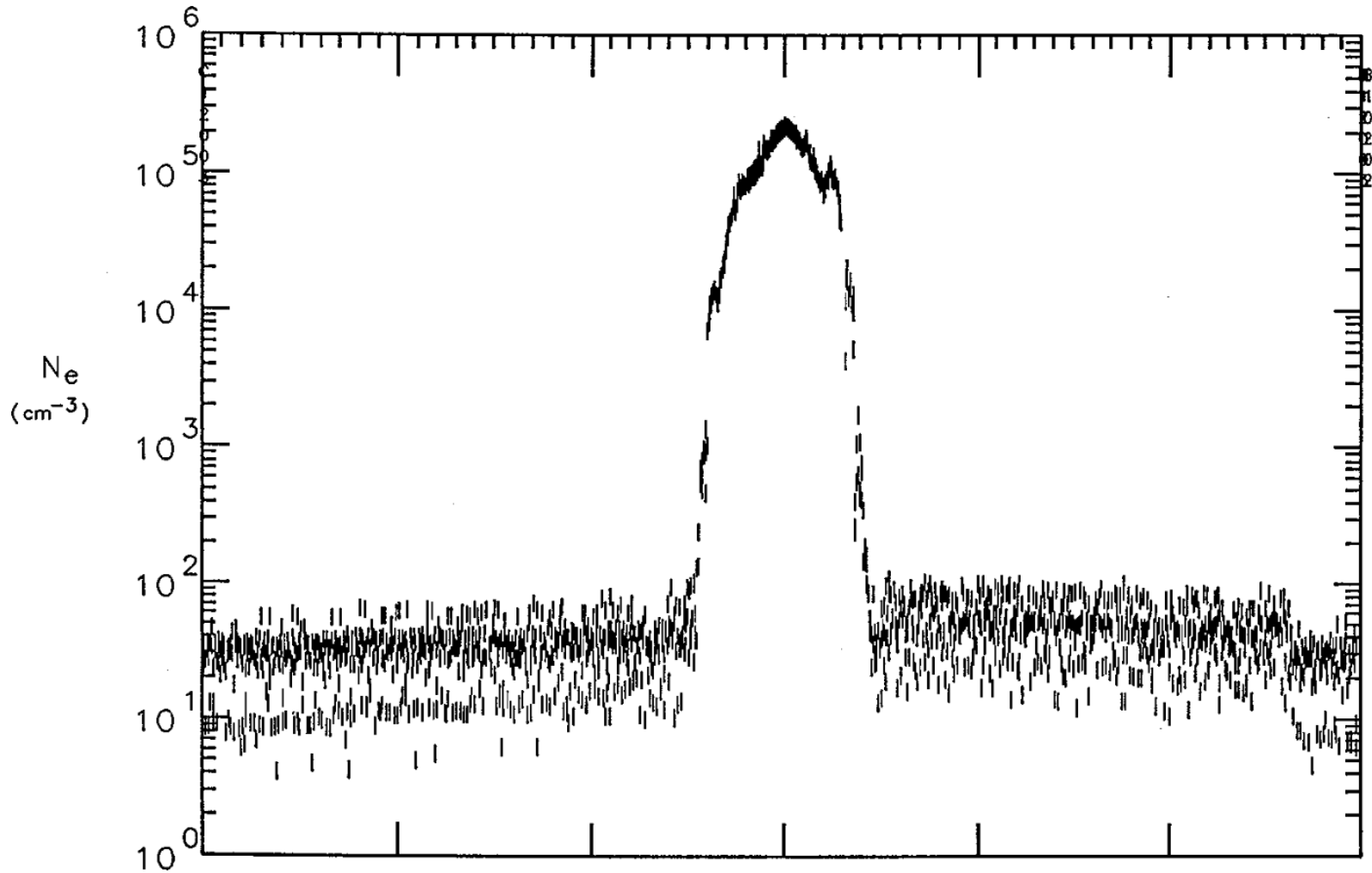
ALT	6367	3685	1278	156	1294	3705	6387	km
LAT	63	72	59	14	-31	-58	-70	deg
LONG	-173	145	73	47	32	14	-15	deg
SZA	109	92	62	14	34	63	81	deg
LST	2.3	4.8	9.9	11.7	12.6	13.8	15.6	hr

Universal Time, Day 80018

Ne hi-res Radial

Plotted:  
16-JUL-93  
17:13:54

26040	26640	27240	27840	28440	29040	29640	secs
7:14	7:24	7:34	7:44	7:54	8: 4	8:14	hh:mm



Orbit  
409

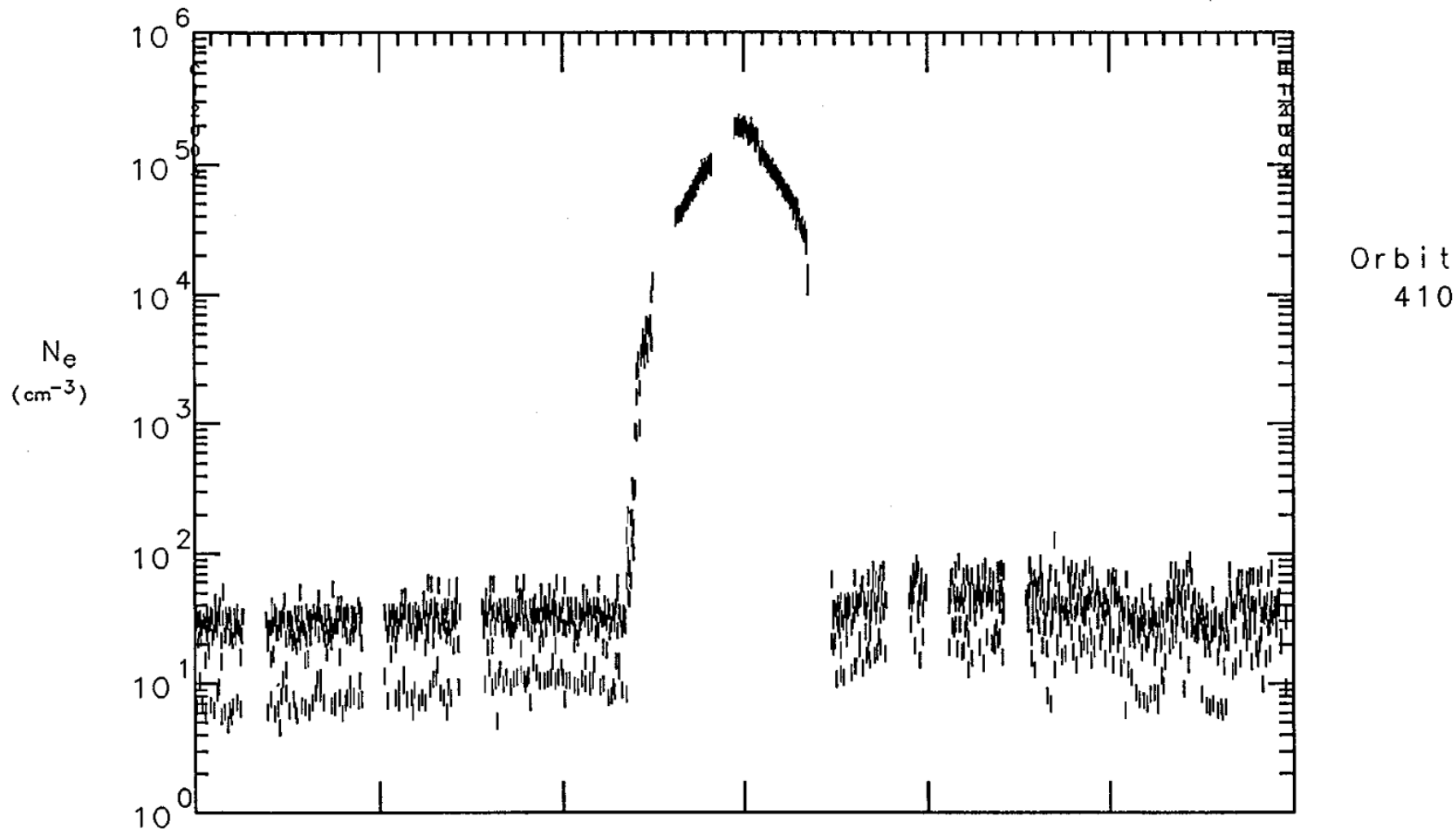
ALT	6355	3674	1272	160	1305	3718	6399	km
LAT	63	72	58	14	-31	-58	-70	deg
LONG	-172	145	74	49	34	15	-13	deg
SZA	109	91	62	13	34	64	81	deg
LST	2.4	5.0	10.0	11.8	12.8	13.9	15.7	hr

Universal Time, Day 80019

Ne hi-res Radiol

Plotted:  
16-JUL-93  
17:22:55

26280	26880	27480	28080	28680	29280	29880	secs
7:18	7:28	7:38	7:48	7:58	8: 8	8:18	hh:mm



ALT	6299	3621	1234	165	1350	3773	6453	km
LAT	63	73	58	13	-32	-58	-70	deg
LONG	-171	145	75	50	35	16	-13	deg
SZA	108	90	60	12	35	65	82	deg
LST	2.5	5.2	10.2	11.9	12.9	14.1	15.9	hr

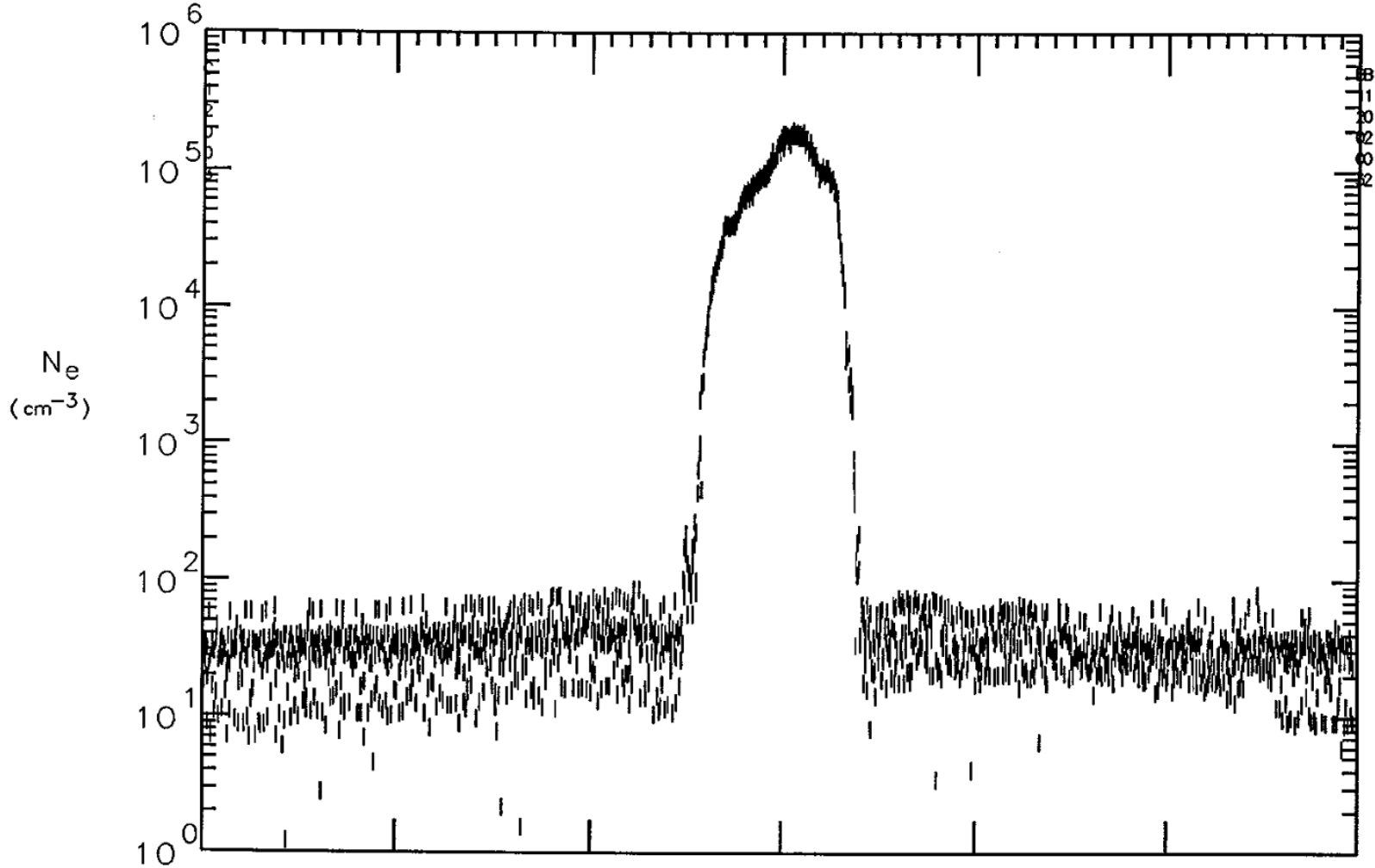
Universal Time, Day 80020

Ne hi-res Radial

Plotted:  
16-JUL-93  
17:30:29

26460	27060	27660	28260	28860	29460	30060
7:21	7:31	7:41	7:51	8: 1	8:11	8:21

secs  
hh:mm



Orbit  
411

ALT	6477	3800	1375	170	1210	3584	6258	km
LAT	63	72	60	16	-29	-57	-70	deg
LONG	-168	151	79	53	37	19	-9	deg
SZA	108	91	63	15	33	63	81	deg
LST	2.6	5.0	10.1	11.9	12.9	14.1	15.8	hr

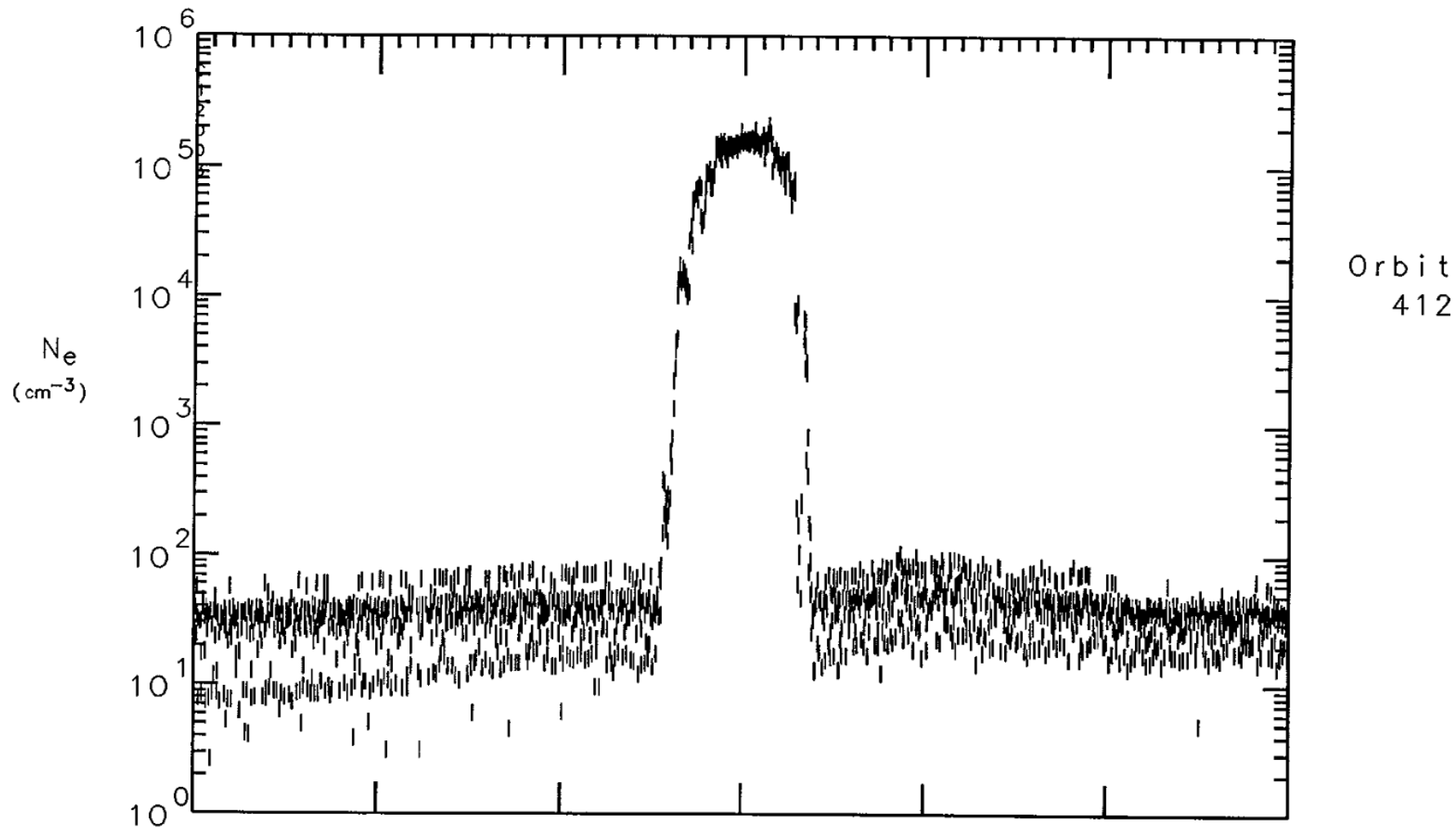
Universal Time, Day 80021

Ne hi-res Radial

Plotted:  
16-JUL-93  
17:41:09

26700	27300	27900	28500	29100	29700	30300
7:25	7:35	7:45	7:55	8: 5	8:15	8:25

secs  
hh:mm



ALT	6386	3708	1304	171	1289	3688	6365	km
LAT	63	72	59	14	-31	-58	-70	deg
LONG	-168	150	79	53	38	20	-8	deg
SZA	107	90	61	13	35	65	82	deg
LST	2.7	5.3	10.3	12.1	13.1	14.2	16.0	hr

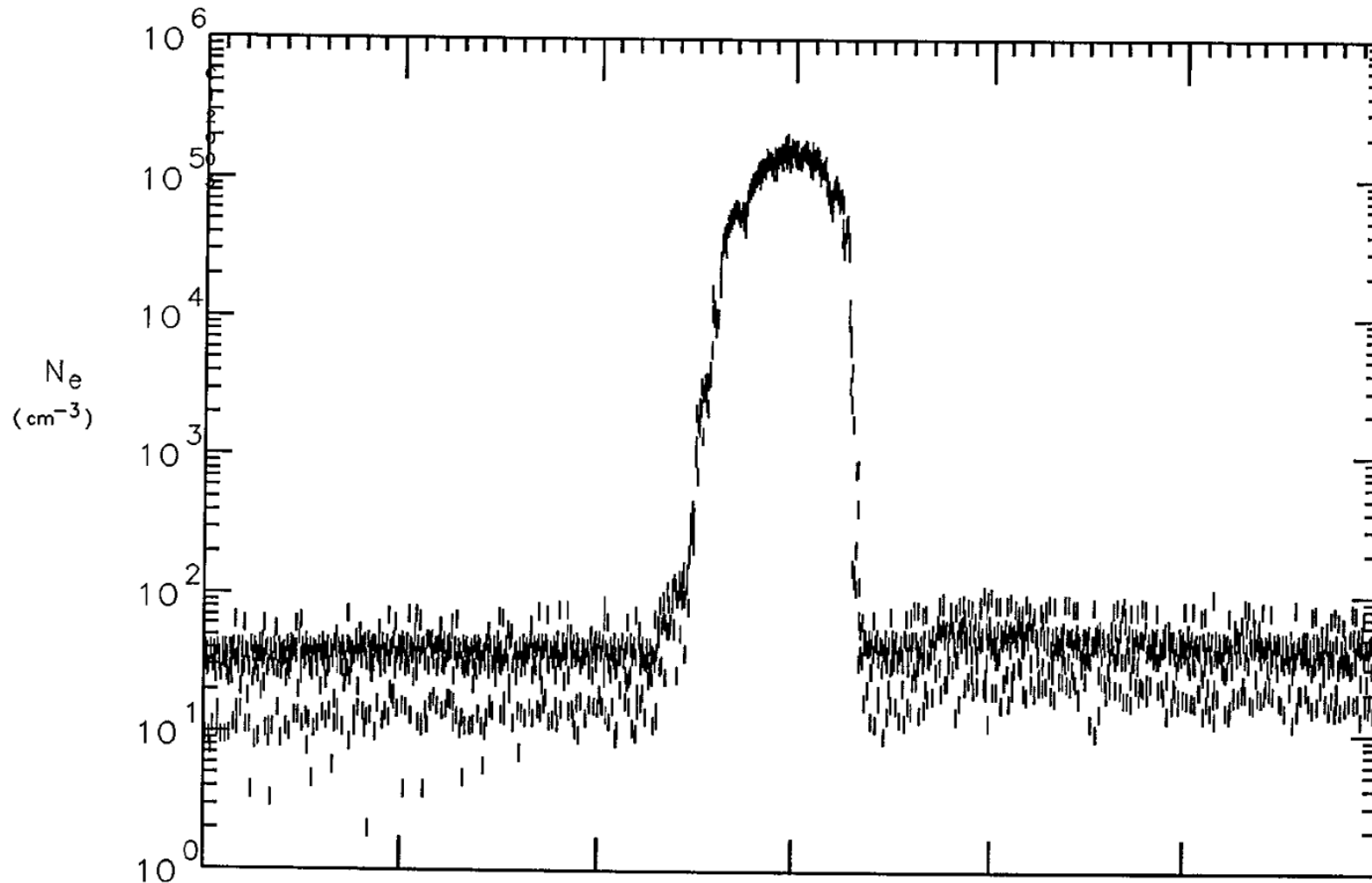
Universal Time, Day 80022

Ne hi-res Radial

Plotted:  
16-JUL-93  
17:51:46

26940	27540	28140	28740	29340	29940	30540
7:29	7:39	7:49	7:59	8: 9	8:19	8:29

secs  
hh:mm



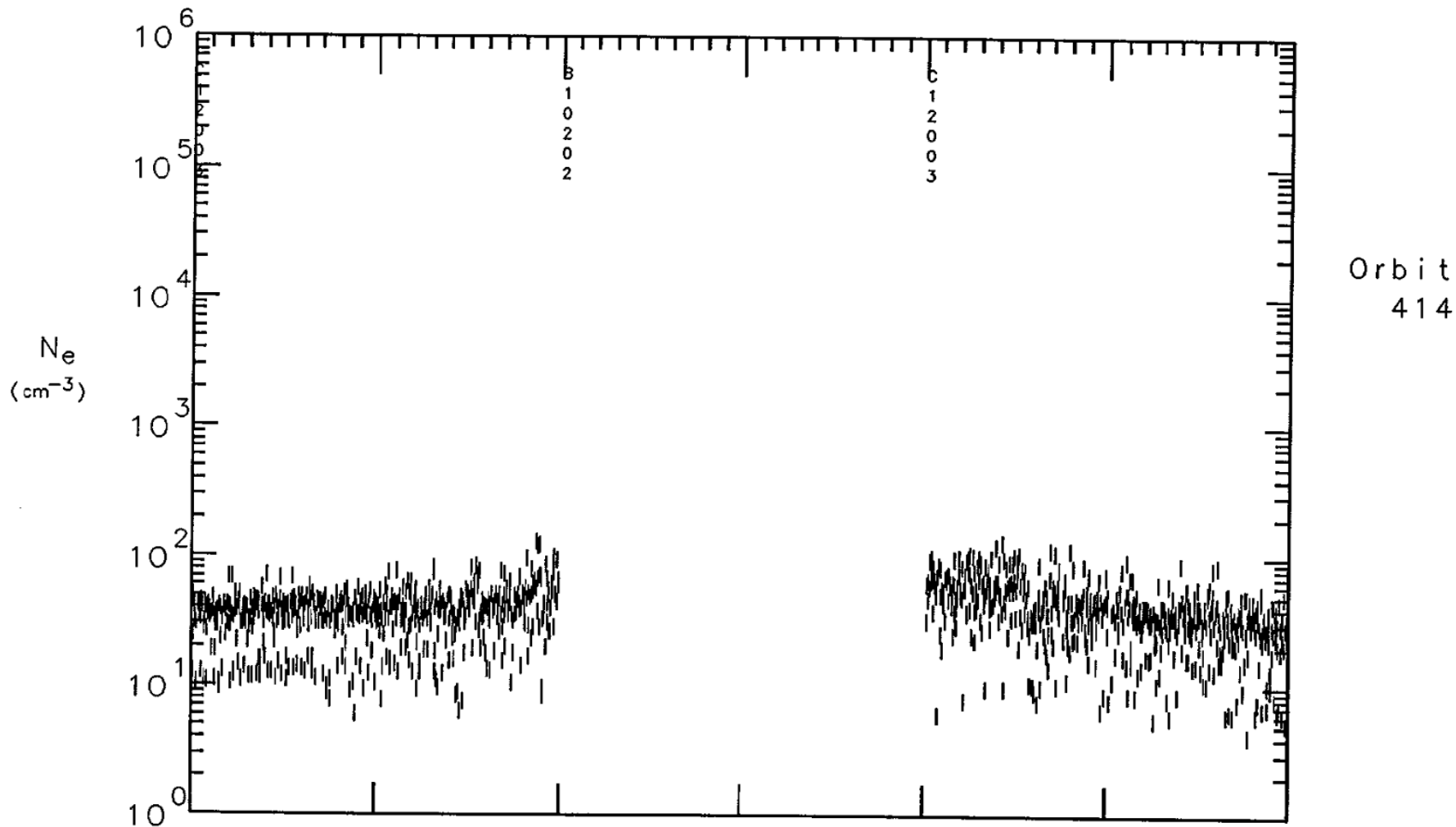
ALT	6271	3596	1221	177	1378	3802	6480	km
LAT	64	73	57	12	-32	-58	-70	deg
LONG	-167	148	79	54	39	20	-8	deg
SZA	106	89	59	12	37	66	83	deg
LST	2.9	5.6	10.5	12.2	13.2	14.4	16.2	hr

Universal Time, Day 80023

Ne hi-res Radial

Plotted:  
16-JUL-93  
18:02:23  
secs  
hh:mm

27120	27720	28320	28920	29520	30120	30720
7:32	7:42	7:52	8: 2	8:12	8:22	8:32



ALT	6365	3682	1273	150	1291	3705	6389	km
LAT	63	72	59	14	-31	-58	-70	deg
LONG	-165	153	82	56	41	22	-6	deg
SZA	107	89	60	14	37	66	83	deg
LST	2.9	5.5	10.5	12.3	13.3	14.5	16.3	hr

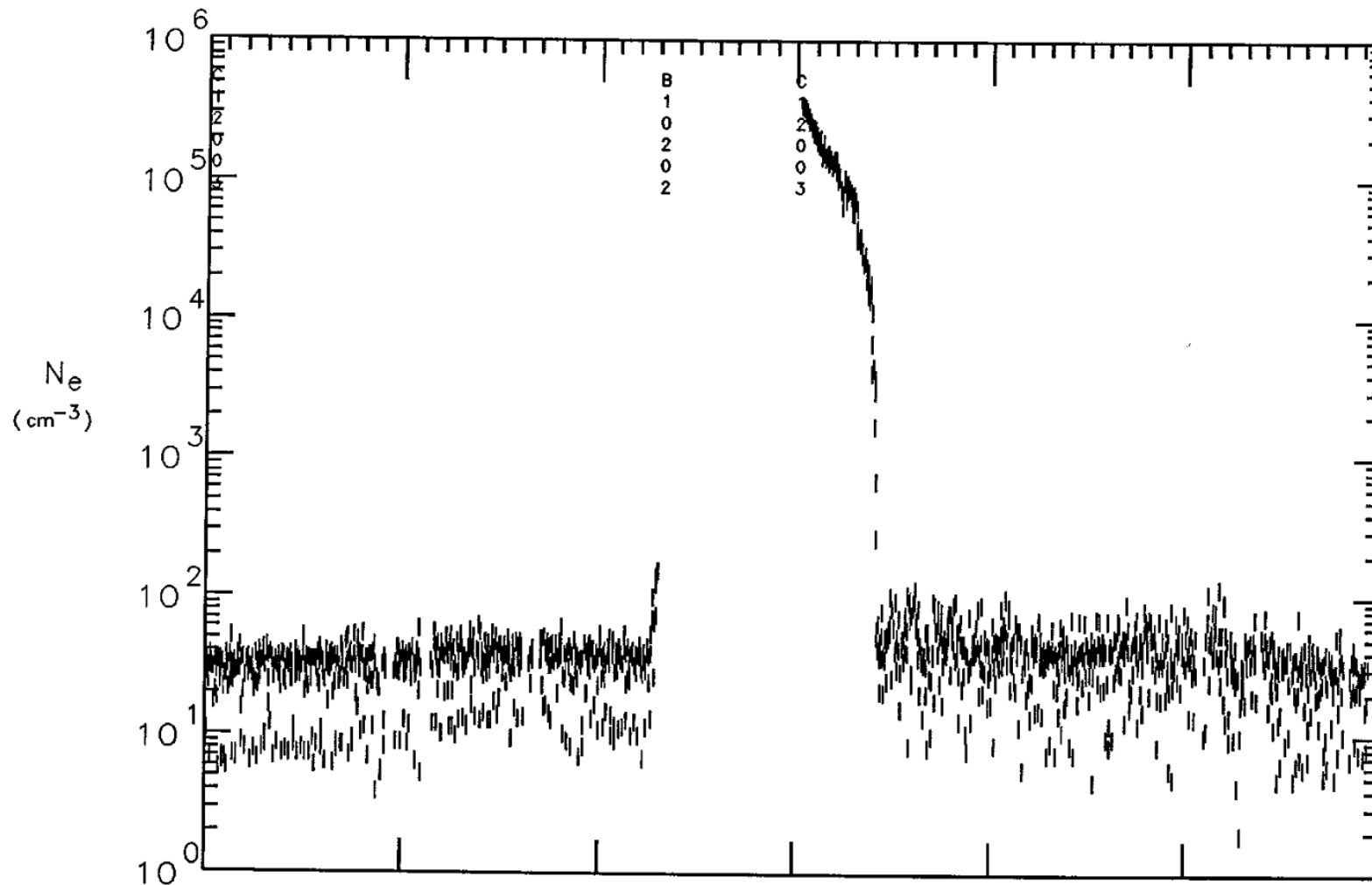
Universal Time, Day 80024

Ne hi-res Radial

Plotted:  
16-JUL-93  
18:11:23

27240	27840	28440	29040	29640	30240	30840
7:34	7:44	7:54	8: 4	8:14	8:24	8:34

secs  
hh:mm



Orbit  
415

ALT	6345	3663	1260	153	1307	3724	6408	km
LAT	63	72	58	13	-32	-58	-70	deg
LONG	-163	154	83	58	42	24	-5	deg
SZA	106	89	59	14	38	67	84	deg
LST	3.1	5.7	10.6	12.4	13.4	14.6	16.4	hr

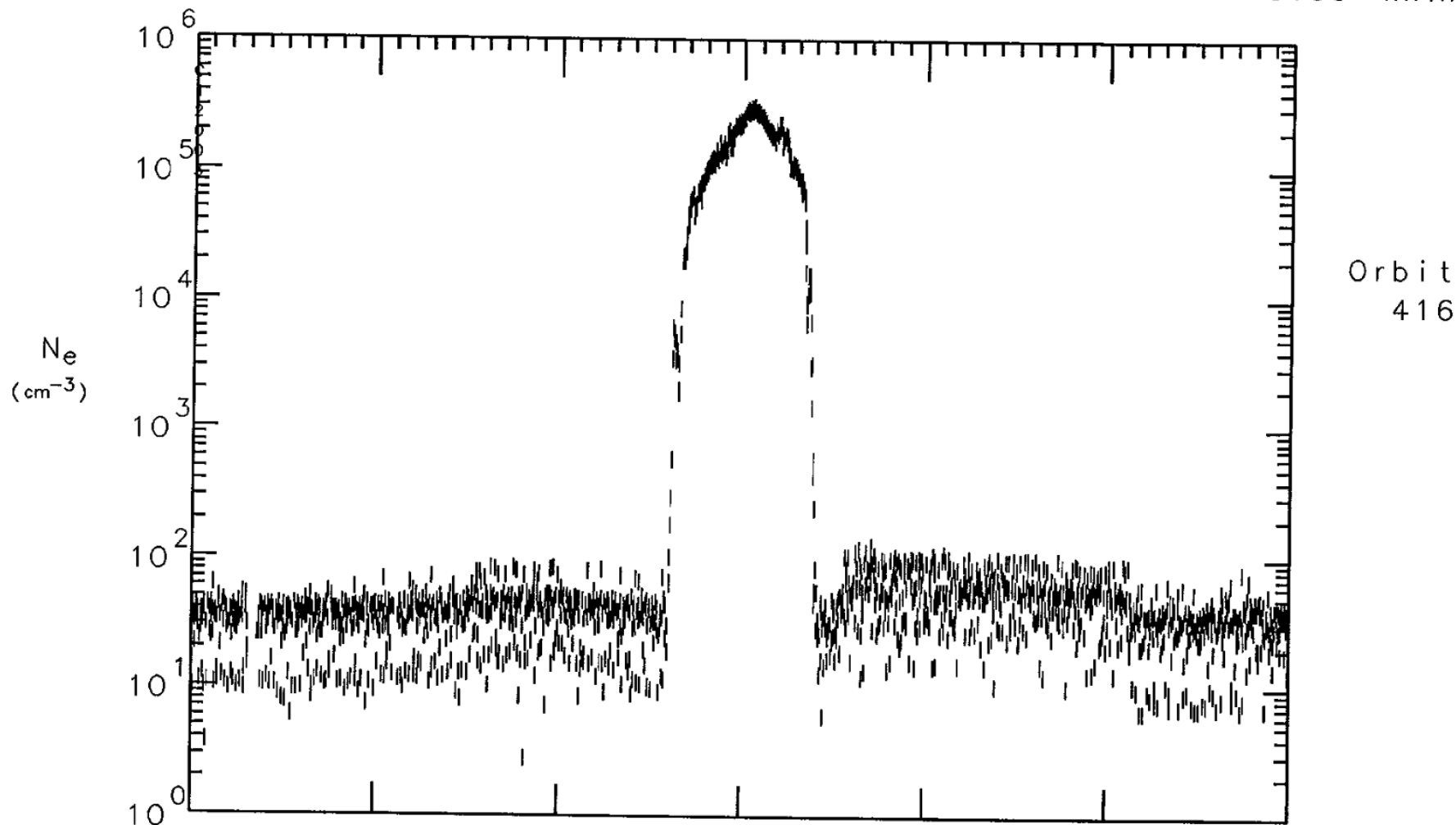


Universal Time, Day 80025

Ne hi-res Radial

Plotted:  
18-JUL-93  
21:46:41  
secs  
hh:mm

27300	27900	28500	29100	29700	30300	30900
7:35	7:45	7:55	8: 5	8:15	8:25	8:35



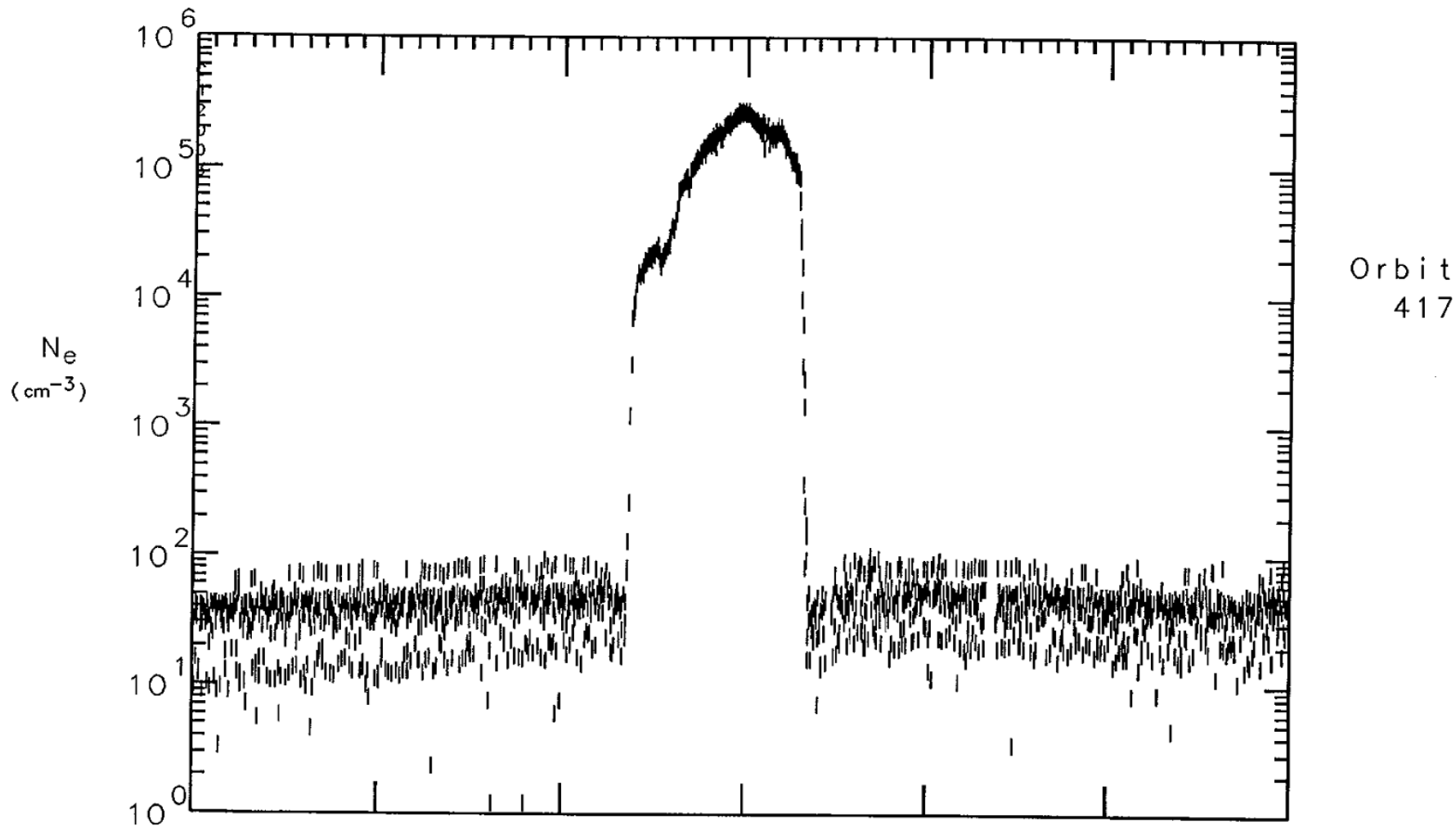
ALT	6483	3800	1367	158	1206	3589	6269	km
LAT	63	72	60	16	-30	-57	-70	deg
LONG	-161	159	87	60	45	26	-2	deg
SZA	106	89	61	17	37	66	83	deg
LST	3.1	5.5	10.6	12.5	13.5	14.6	16.4	hr

Universal Time, Day 80026

Ne hi-res Radial

Plotted:  
18-JUL-93  
21:54:15  
secs  
hh:mm

27420	28020	28620	29220	29820	30420	31020
7:37	7:47	7:57	8: 7	8:17	8:27	8:37



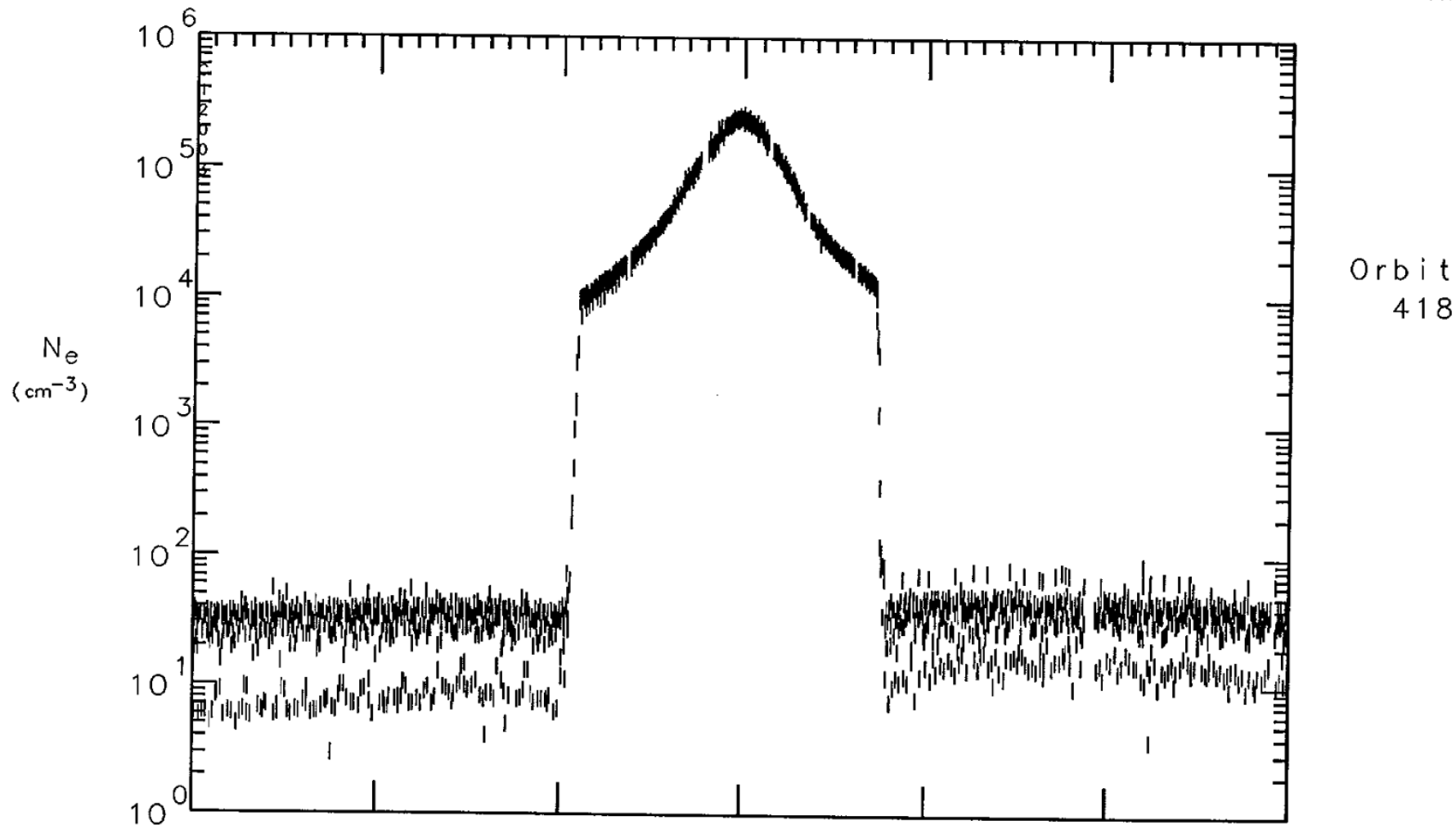
ALT	6281	3602	1217	161	1360	3788	6470	km
LAT	64	73	57	12	-32	-59	-70	deg
LONG	-161	155	85	60	45	26	-3	deg
SZA	105	87	58	15	40	68	85	deg
LST	3.3	6.0	10.9	12.7	13.6	14.8	16.7	hr

Universal Time, Day 80027

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:01:43  
secs  
hh:mm

27480	28080	28680	29280	29880	30480	31080
7:38	7:48	7:58	8: 8	8:18	8:28	8:38



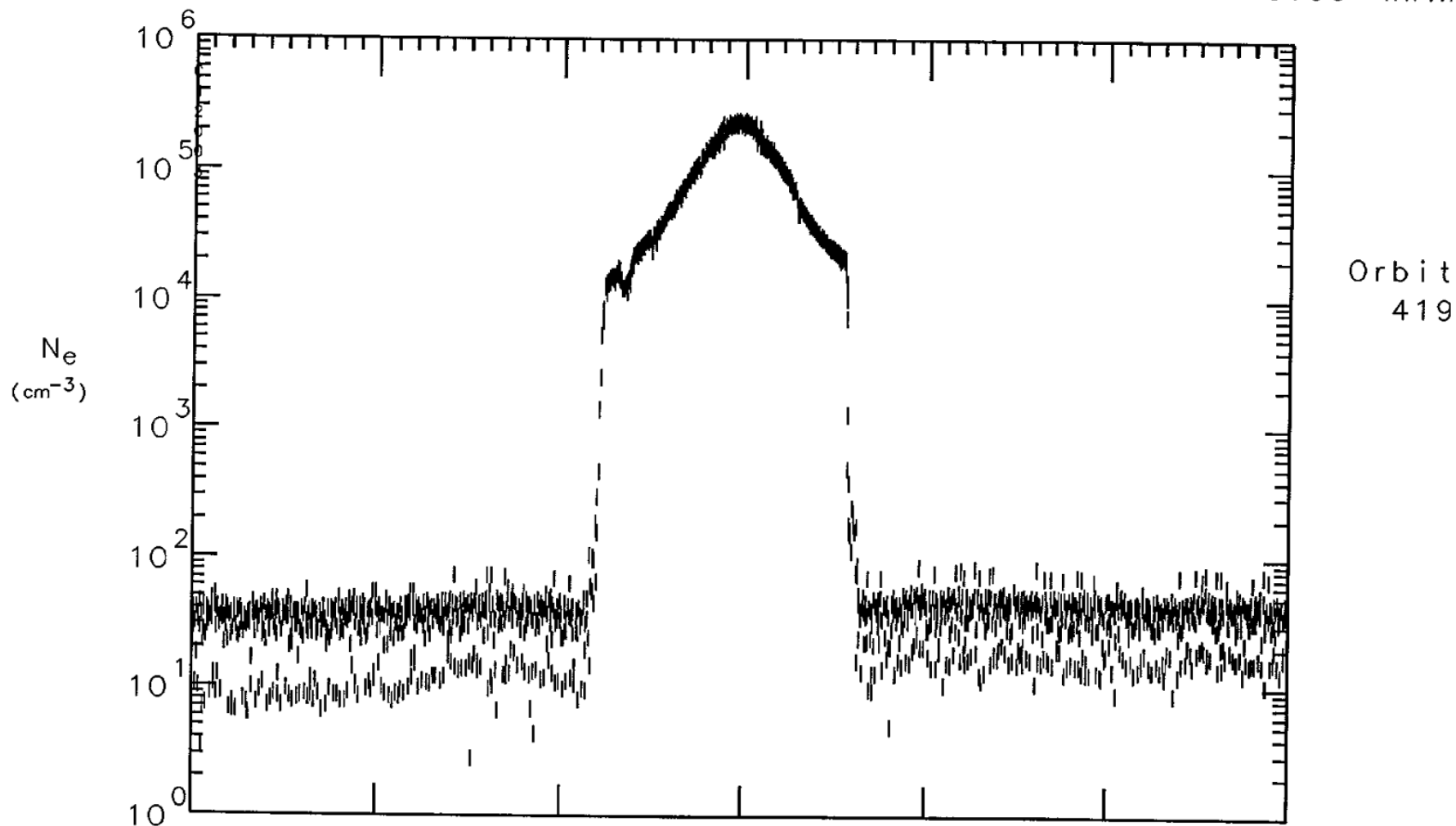
ALT	6294	3615	1229	163	1351	3776	6457	km
LAT	64	73	58	12	-32	-59	-70	deg
LONG	-159	157	87	62	47	28	-1	deg
SZA	104	87	58	16	41	69	85	deg
LST	3.4	6.1	11.0	12.8	13.7	14.9	16.8	hr

Universal Time, Day 80028

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:09:15  
secs  
hh:mm

27540	28140	28740	29340	29940	30540	31140
7:39	7:49	7:59	8: 9	8:19	8:29	8:39



ALT	6264	3588	1209	167	1375	3805	6485	km
LAT	64	73	57	12	-33	-59	-70	deg
LONG	-158	157	88	63	48	29	0	deg
SZA	103	86	57	17	42	70	86	deg
LST	3.5	6.3	11.2	12.9	13.9	15.0	16.9	hr

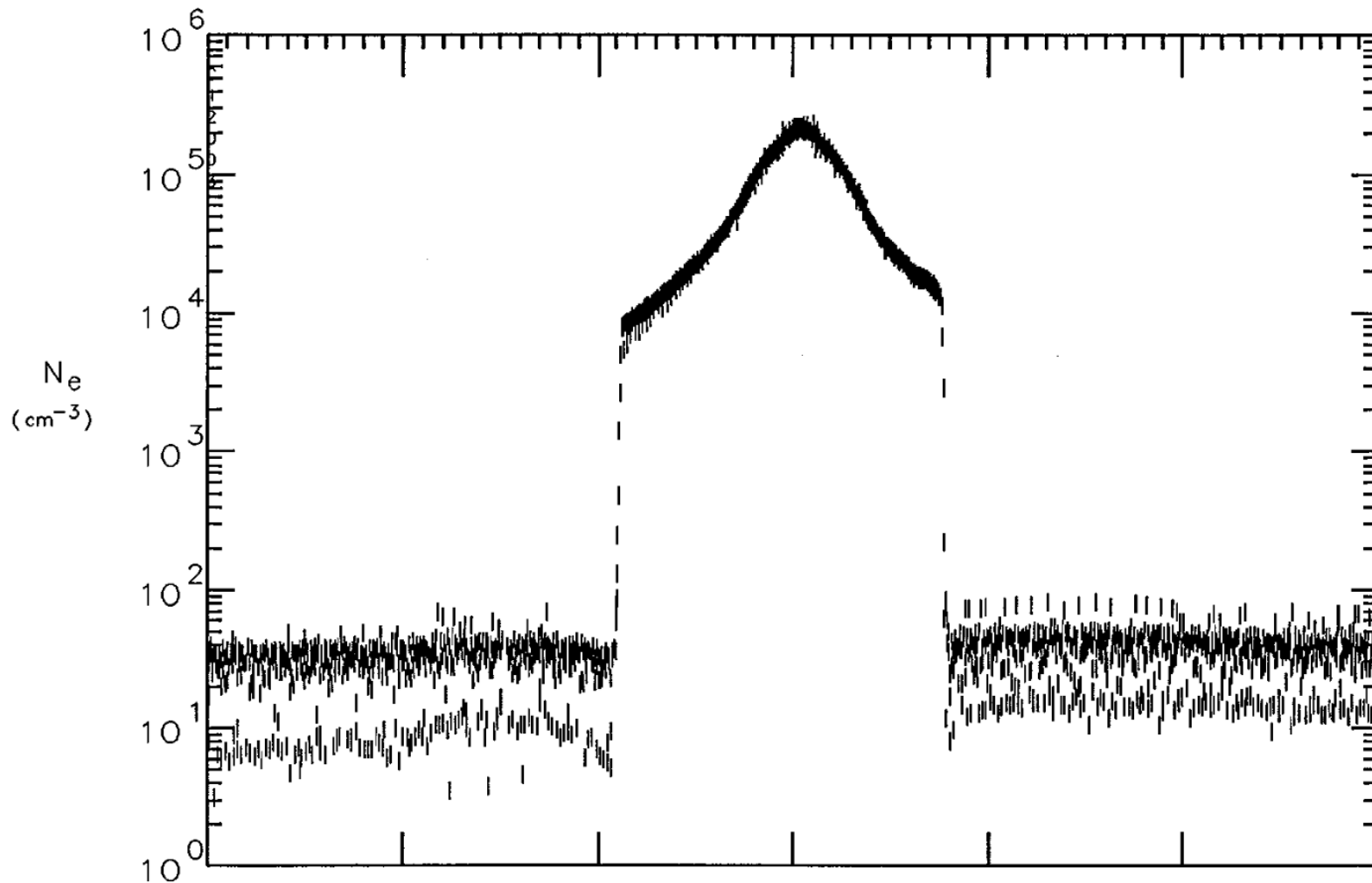
Universal Time, Day 80029

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:16:43

27540	28140	28740	29340	29940	30540	31140
7:39	7:49	7:59	8: 9	8:19	8:29	8:39

secs  
hh:mm



ALT	6477	3795	1368	169	1223	3605	6284	km
LAT	63	72	60	16	-30	-57	-70	deg
LONG	-155	164	92	66	51	32	3	deg
SZA	104	88	60	20	41	69	85	deg
LST	3.5	6.0	11.1	12.9	13.9	15.0	16.8	hr

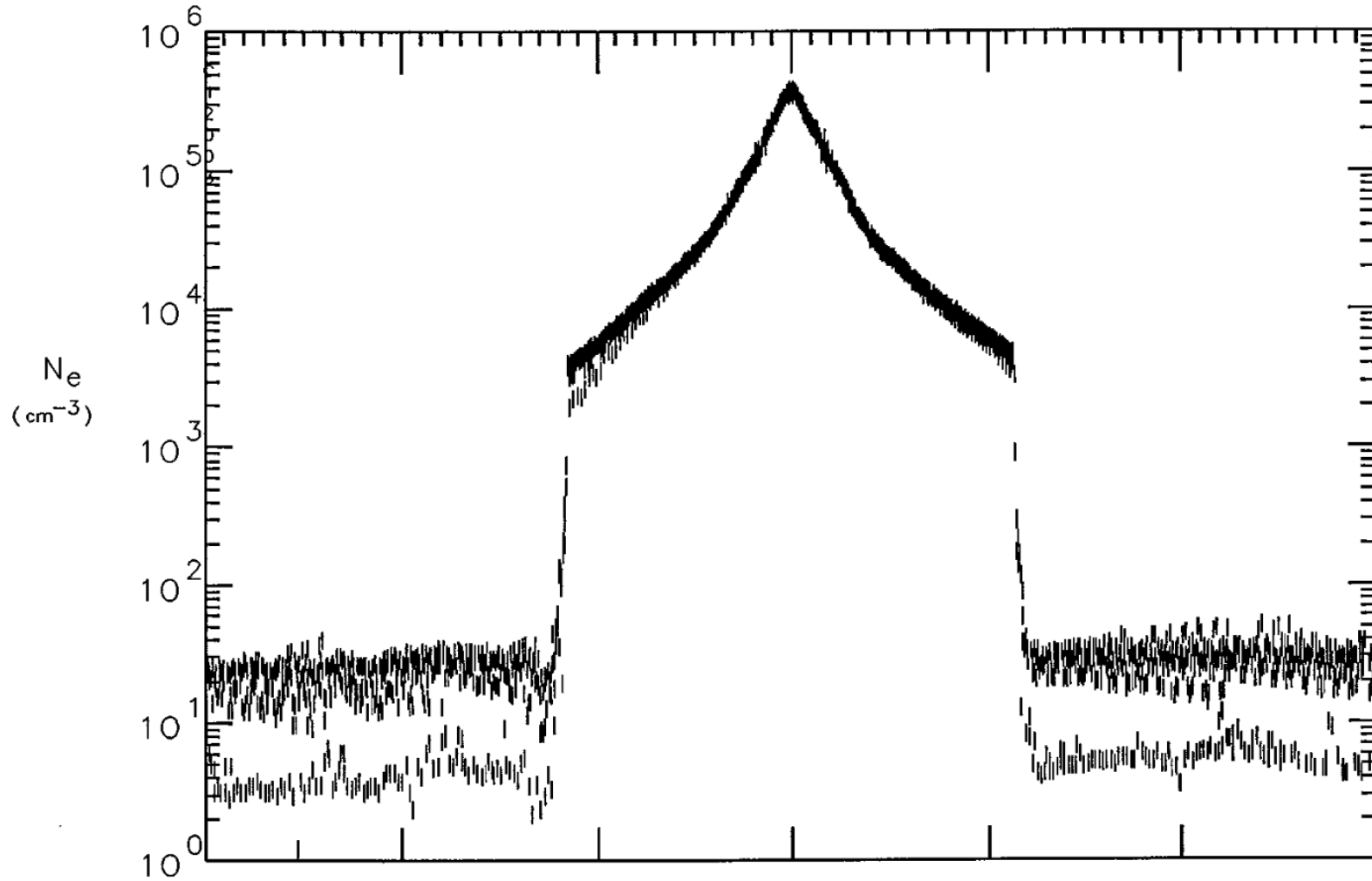
Universal Time, Day 80030

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:24:03

27600	28200	28800	29400	30000	30600	31200
7:40	7:50	8:00	8:10	8:20	8:30	8:40

secs  
hh:mm



Orbit  
421

ALT	6350	3668	1264	152	1302	3718	6401	km
LAT	63	73	58	13	-32	-58	-70	deg
LONG	-154	163	92	66	51	33	3	deg
SZA	103	86	58	20	43	70	86	deg
LST	3.7	6.3	11.3	13.1	14.0	15.2	17.1	hr

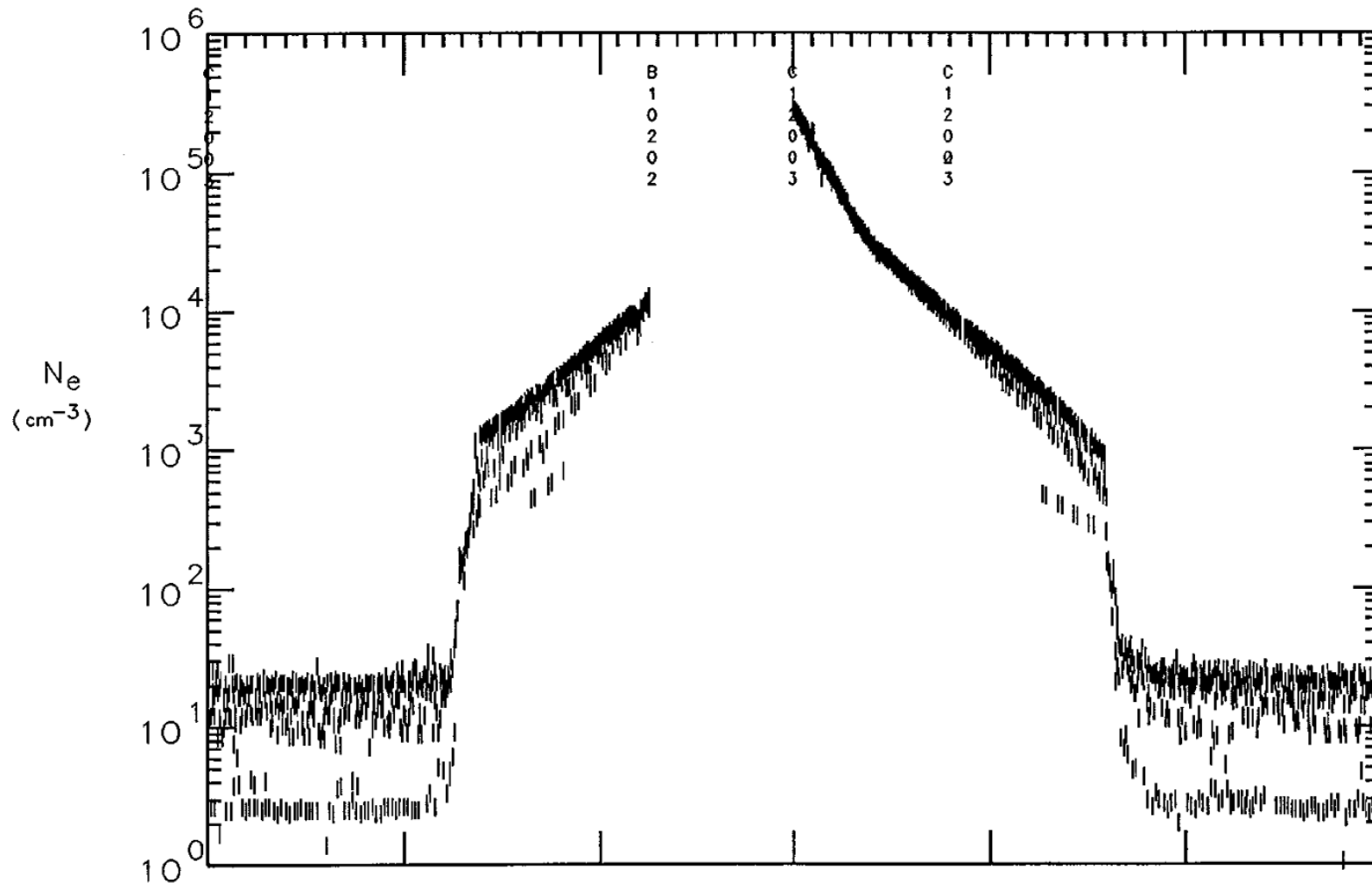
Universal Time, Day 80031

Ne hi-res Radiol

Plotted:  
18-JUL-93  
22:31:28

27600	28200	28800	29400	30000	30600	31200
7:40	7:50	8:00	8:10	8:20	8:30	8:40

secs  
hh:mm



Orbit  
422

ALT	6248	3578	1203	156	1355	3777	6451	km
LAT	64	73	57	12	-33	-59	-70	deg
LONG	-154	162	92	67	52	34	4	deg
SZA	102	85	57	21	45	71	87	deg
LST	3.9	6.6	11.5	13.2	14.2	15.3	17.2	hr

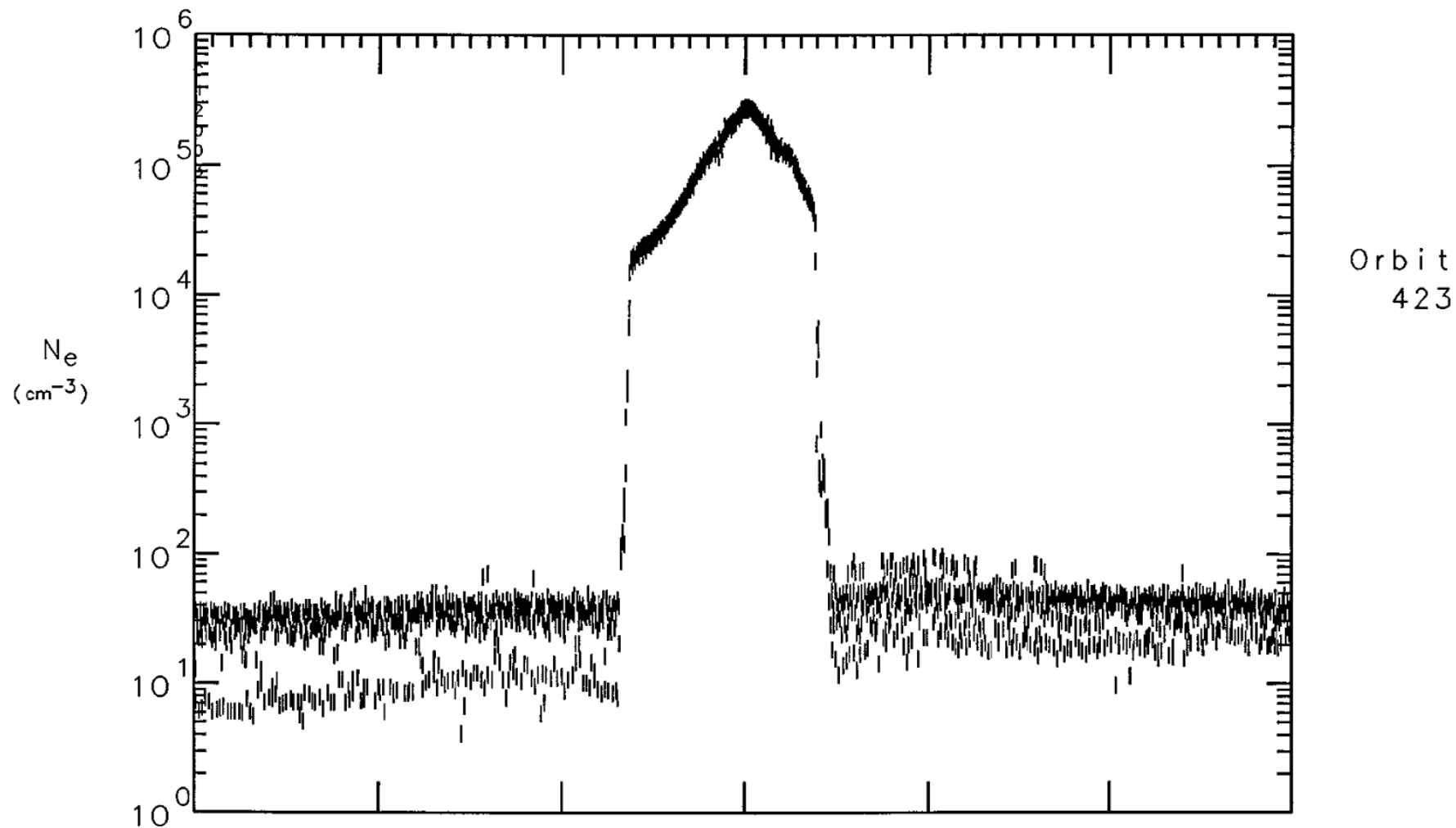
Universal Time, Day 80032

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:37:43

27540	28140	28740	29340	29940	30540	31140
7:39	7:49	7:59	8: 9	8:19	8:29	8:39

secs  
hh:mm



ALT	6382	3700	1290	157	1283	3691	6372	km
LAT	63	73	59	14	-31	-58	-70	deg
LONG	-151	166	95	70	55	36	6	deg
SZA	102	86	59	23	45	71	87	deg
LST	3.9	6.5	11.5	13.3	14.2	15.4	17.2	hr



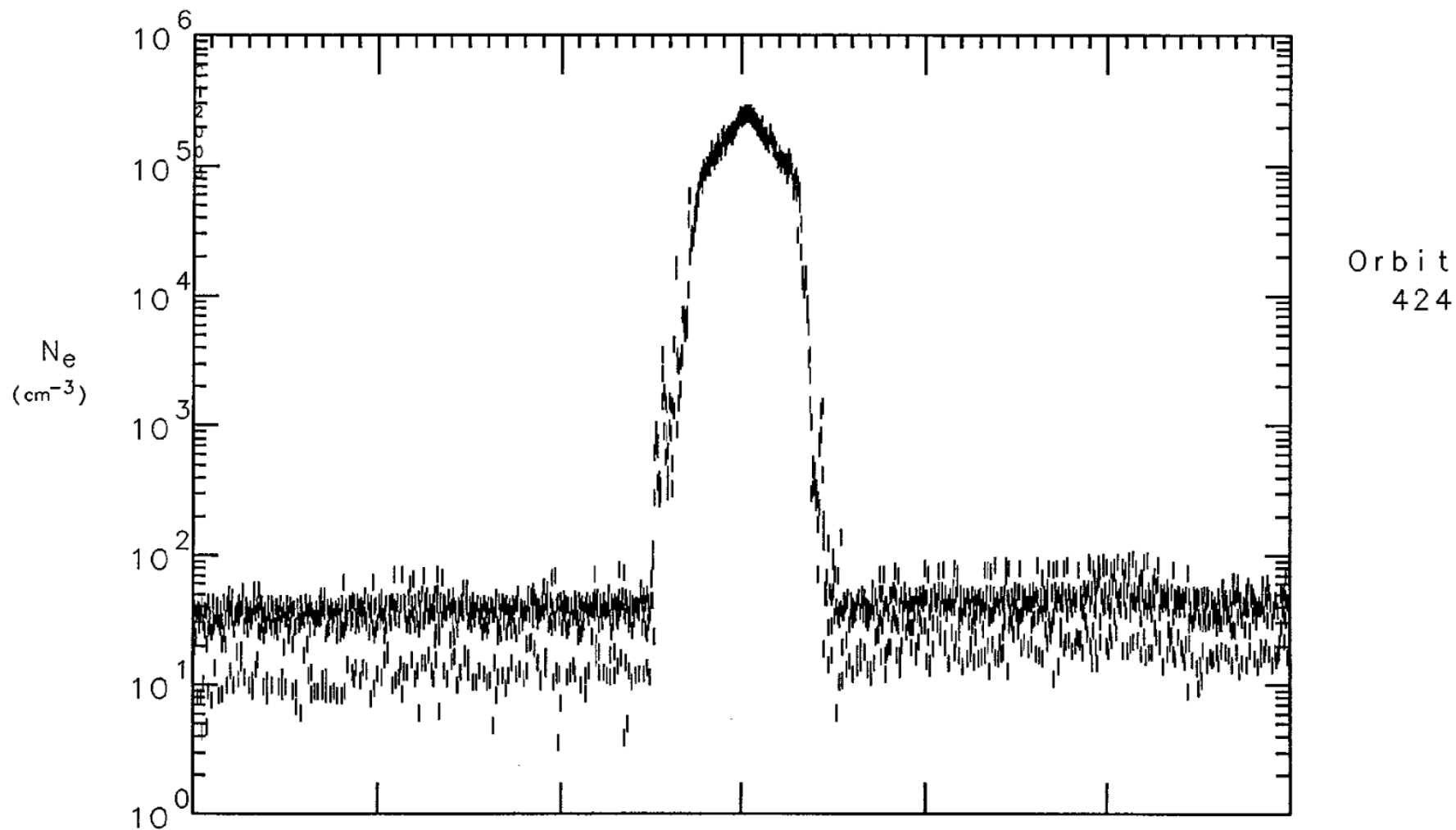
Universal Time, Day 80033

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:45:06

27480	28080	28680	29280	29880	30480	31080
7:38	7:48	7:58	8: 8	8:18	8:28	8:38

secs  
hh:mm



ALT	6424	3742	1324	159	1251	3646	6326	km
LAT	63	73	59	15	-31	-58	-70	deg
LONG	-149	169	97	71	56	38	8	deg
SZA	101	86	59	25	45	71	87	deg
LST	4.0	6.5	11.5	13.3	14.3	15.5	17.3	hr

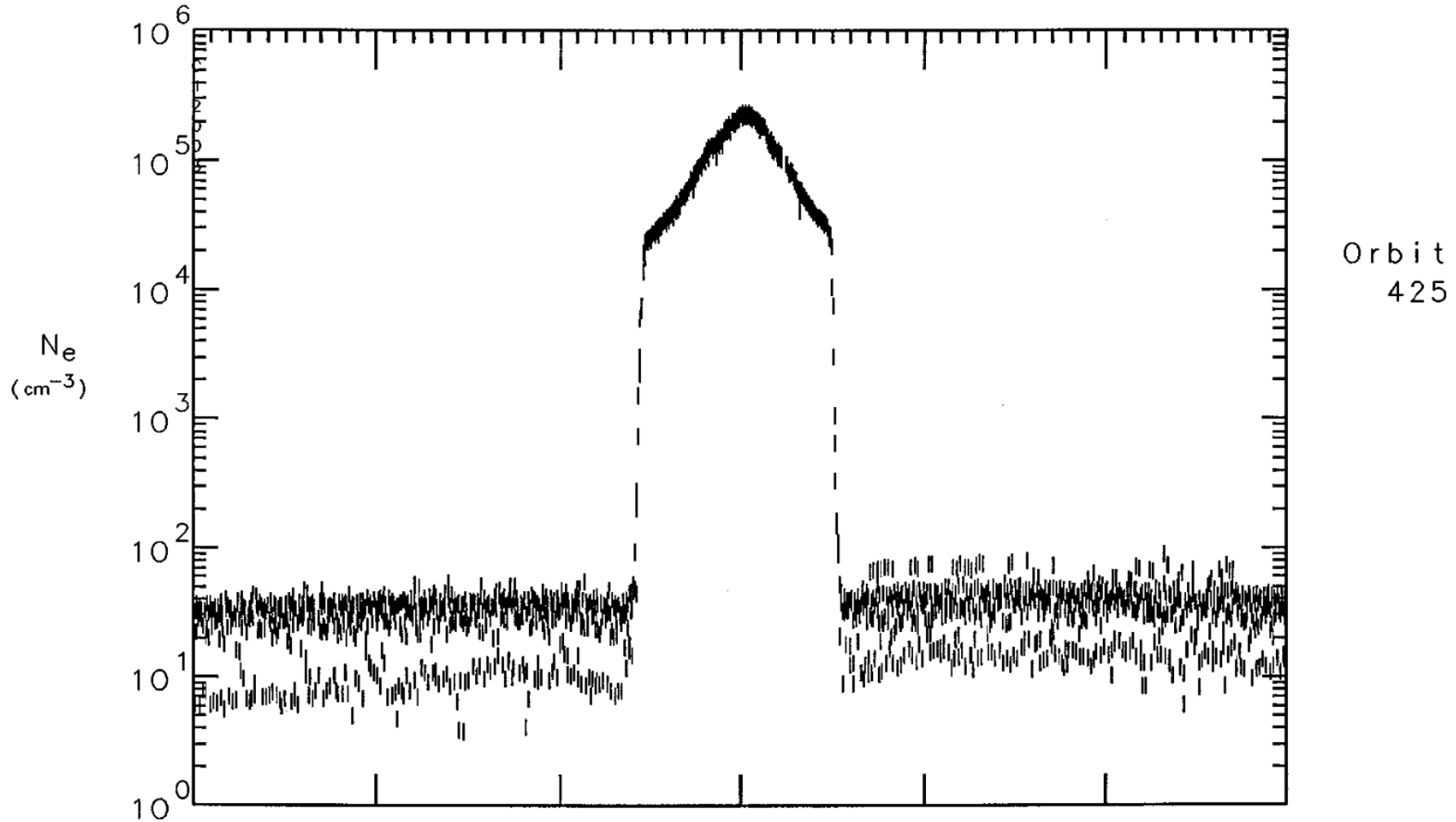
Universal Time, Day 80034

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:52:32

27420	28020	28620	29220	29820	30420	31020
7:37	7:47	7:57	8: 7	8:17	8:27	8:37

secs  
hh:mm



ALT	6416	3735	1319	161	1258	3654	6333	km
LAT	63	73	59	15	-31	-58	-70	deg
LONG	-148	170	99	73	58	39	10	deg
SZA	101	85	59	26	46	72	88	deg
LST	4.1	6.6	11.7	13.5	14.4	15.6	17.4	hr

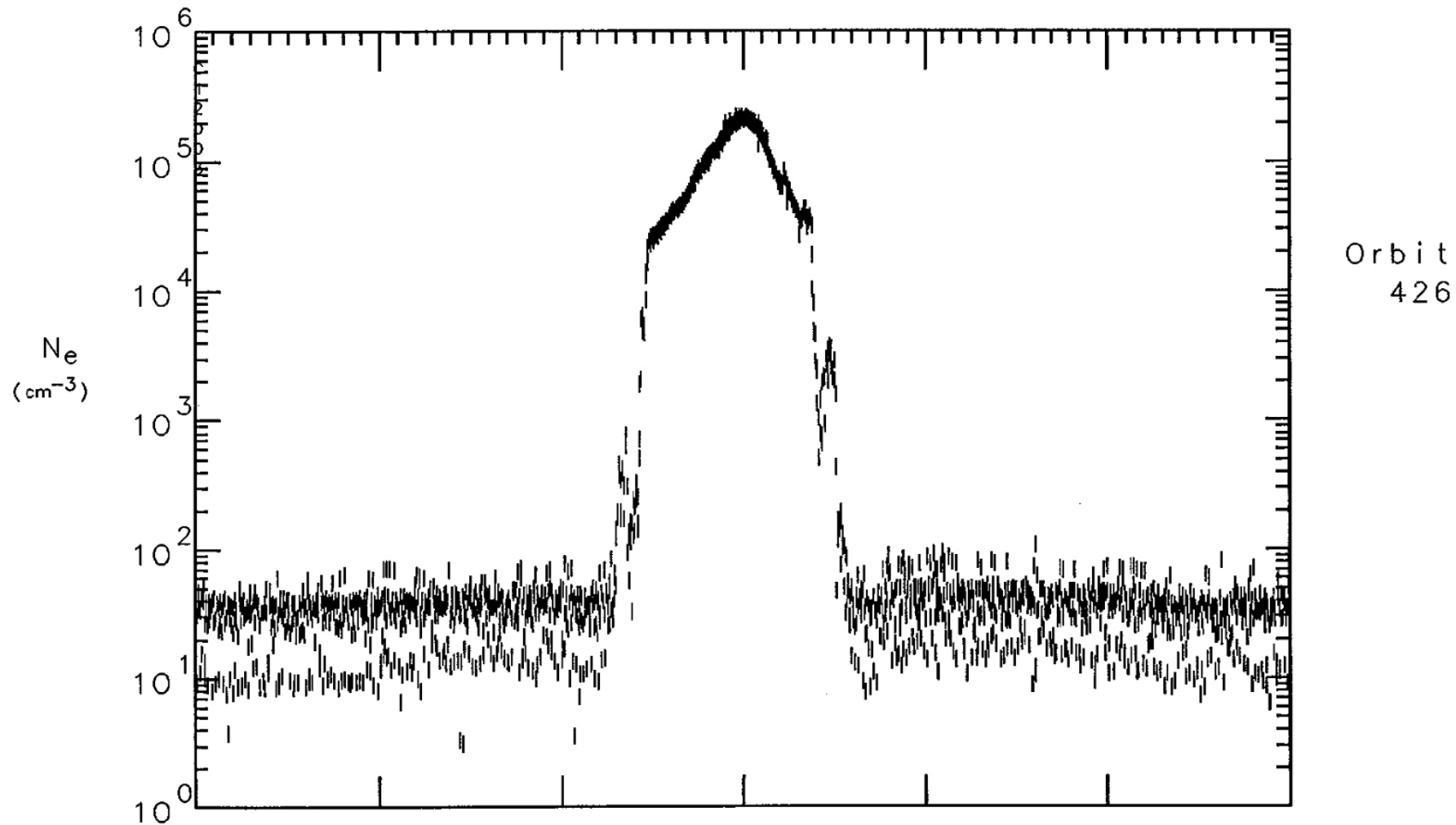
Universal Time, Day 80035

Ne hi-res Radial

Plotted:  
18-JUL-93  
22:59:10

27360	27960	28560	29160	29760	30360	30960
7:36	7:46	7:56	8: 6	8:16	8:26	8:36

secs  
hh:mm



ALT	6367	3688	1284	162	1294	3702	6381	km
LAT	63	73	58	14	-31	-58	-70	deg
LONG	-147	170	99	74	59	40	11	deg
SZA	100	85	58	27	48	73	89	deg
LST	4.2	6.8	11.8	13.6	14.6	15.7	17.6	hr

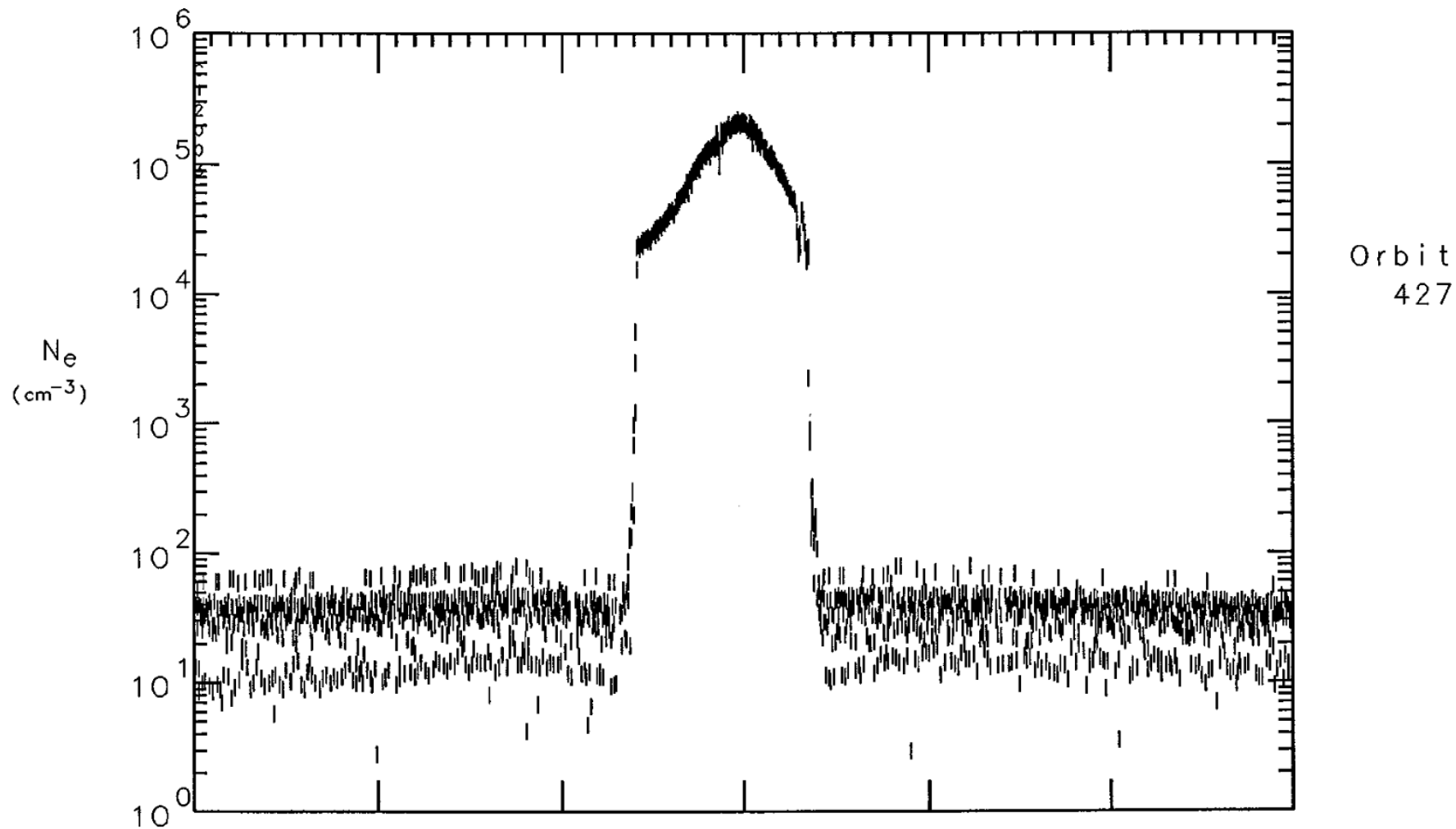
Universal Time, Day 80036

Ne hi-res Radial

Plotted:  
18-JUL-93  
23:06:32

27300	27900	28500	29100	29700	30300	30900
7:35	7:45	7:55	8: 5	8:15	8:25	8:35

secs  
hh:mm



ALT	6285	3608	1224	165	1358	3783	6463	km
LAT	64	73	57	12	-32	-59	-71	deg
LONG	-146	169	99	75	60	41	11	deg
SZA	99	84	57	28	50	74	89	deg
LST	4.4	7.1	12.0	13.7	14.7	15.9	17.7	hr

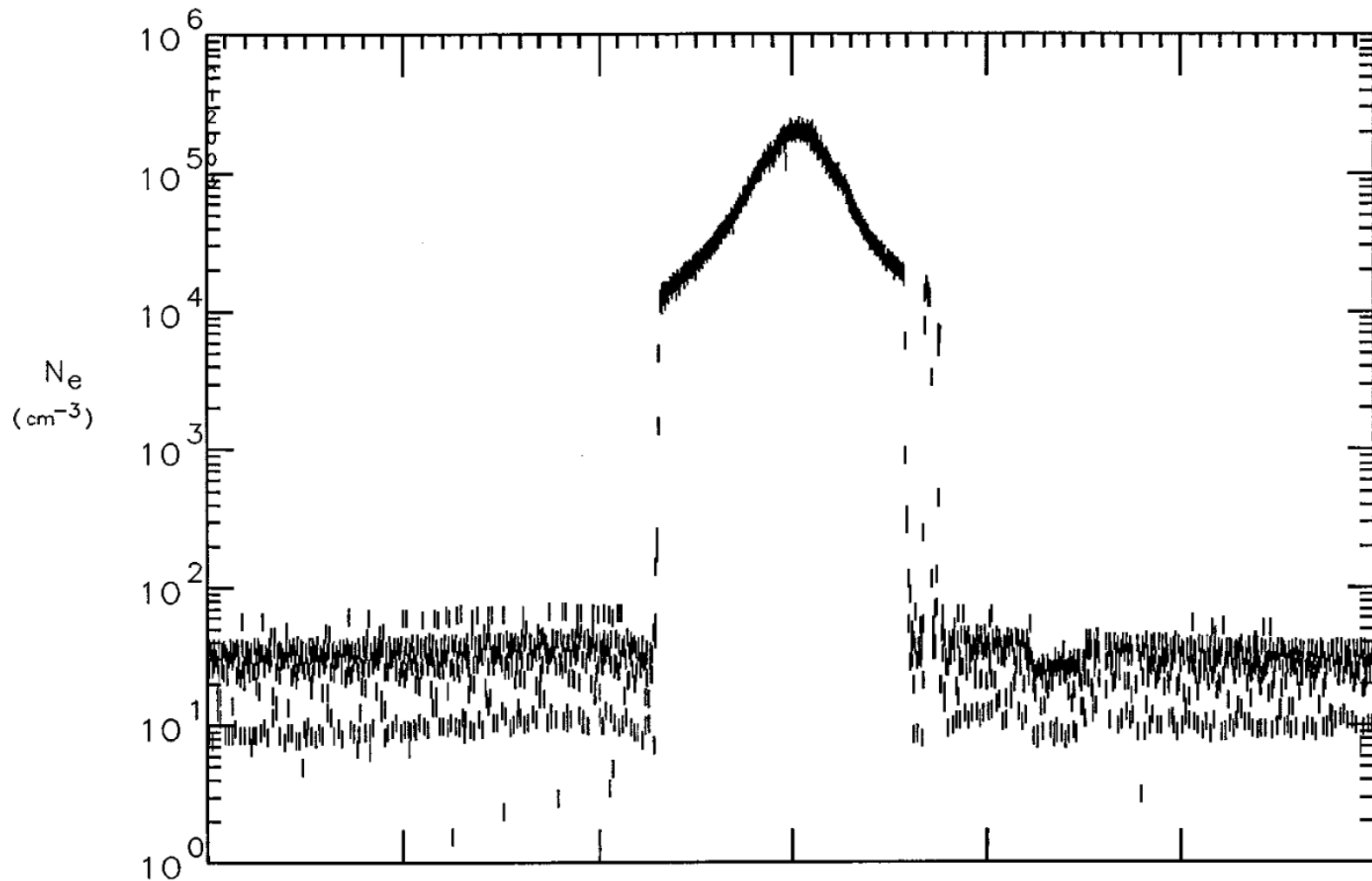
Ne hi-res Radial

Plotted:  
18-JUL-93  
23:13:51

Universal Time, Day 80037

27180	27780	28380	28980	29580	30180	30780
7:33	7:43	7:53	8: 3	8:13	8:23	8:33

secs  
hh:mm



Orbit  
428

ALT	6469	3789	1363	166	1221	3603	6279	km
LAT	63	73	60	16	-30	-58	-70	deg
LONG	-143	176	104	78	63	44	15	deg
SZA	99	84	60	30	49	74	89	deg
LST	4.4	6.9	11.9	13.8	14.7	15.9	17.7	hr

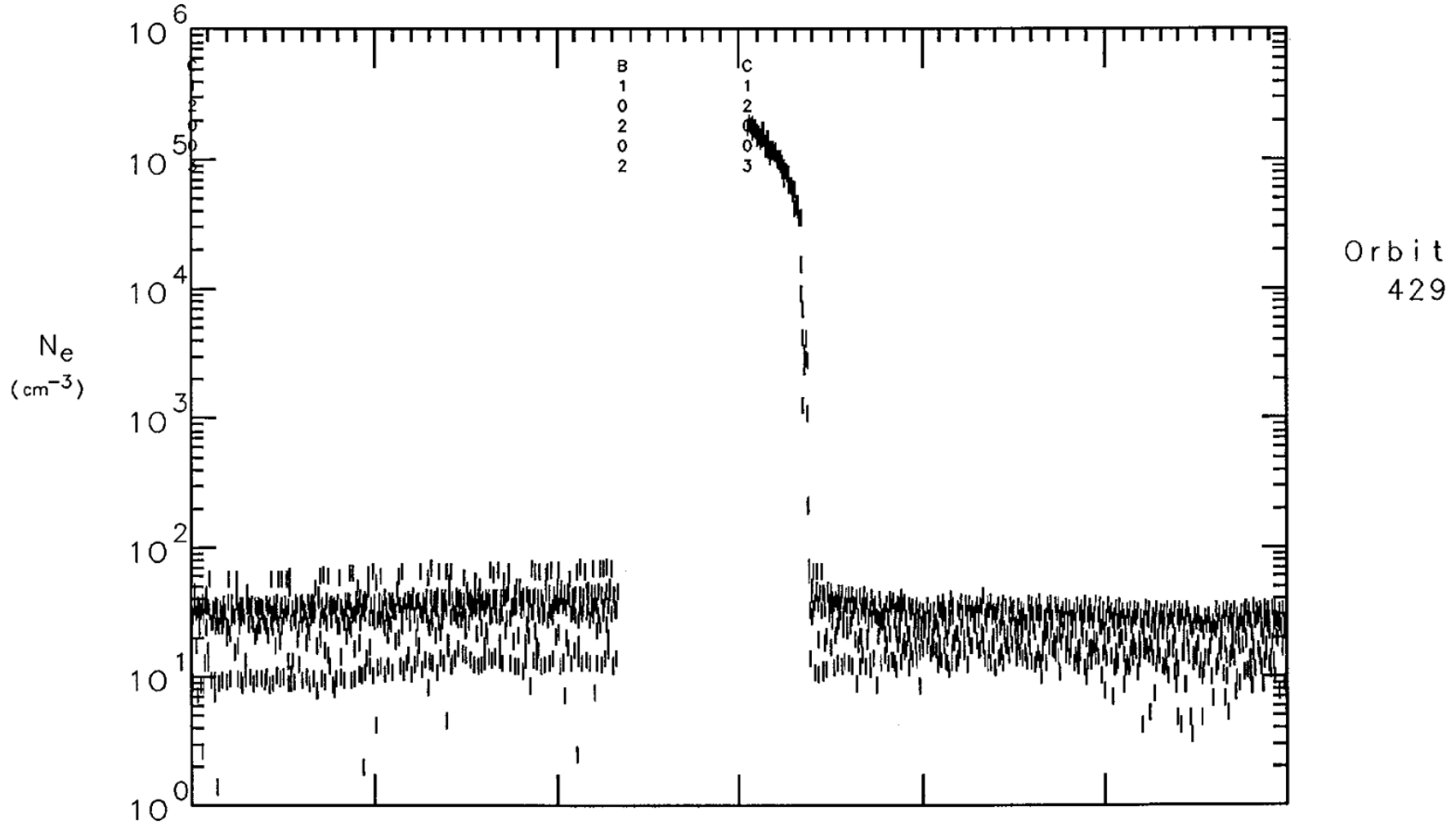
Universal Time, Day 80038

Ne hi-res Radial

Plotted:  
18-JUL-93  
23:21:13

27480	28080	28680	29280	29880	30480	31080
7:38	7:48	7:58	8: 8	8:18	8:28	8:38

secs  
hh:mm



ALT	6438	3758	1339	167	1247	3637	6315	km
LAT	63	73	59	15	-30	-58	-70	deg
LONG	-142	176	104	79	64	46	16	deg
SZA	98	84	59	31	51	75	90	deg
LST	4.5	7.0	12.1	13.9	14.8	16.0	17.8	hr

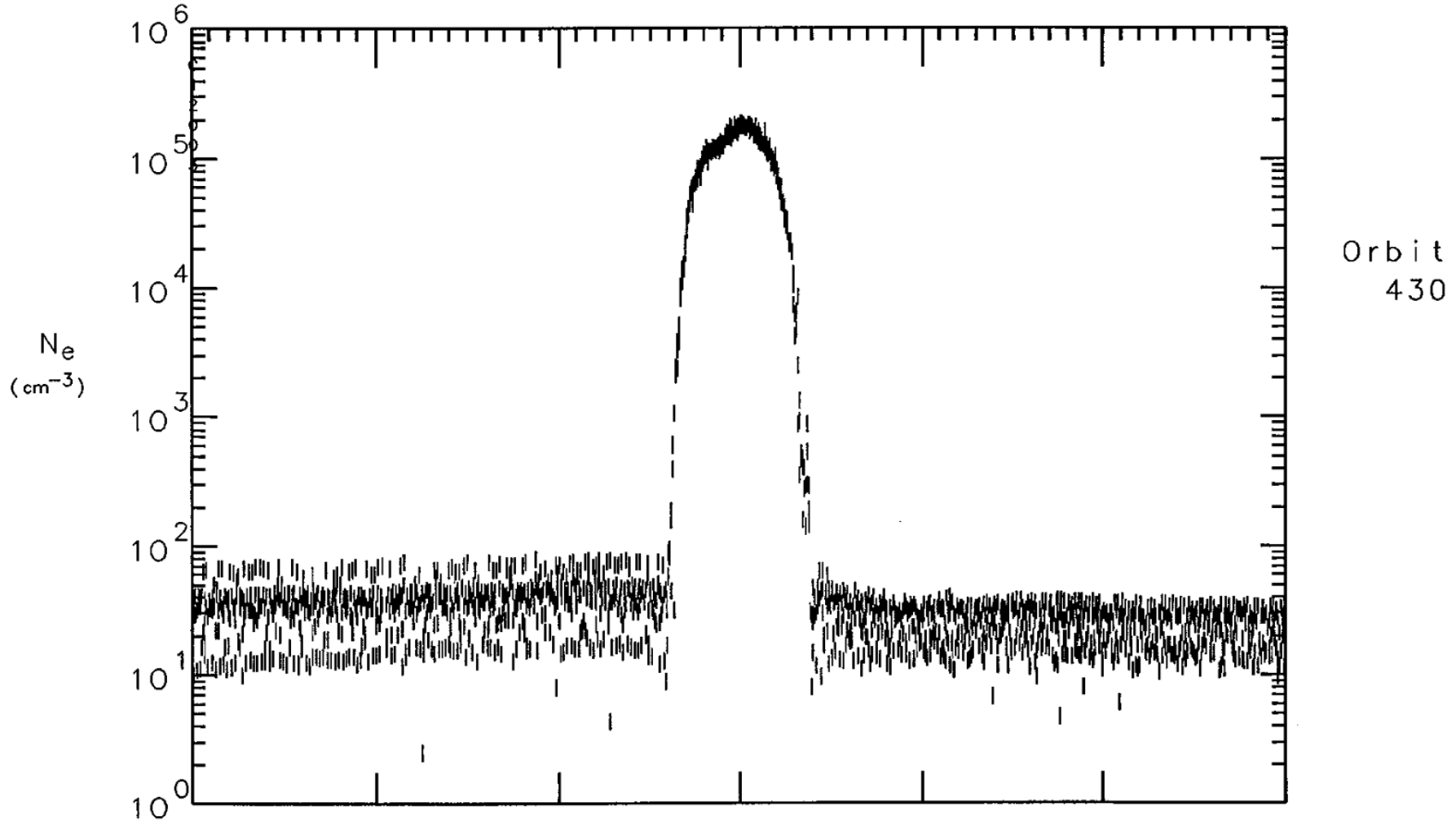
Universal Time, Day 80039

Ne hi-res Radial

Plotted:  
18-JUL-93  
23:27:31

27780	28380	28980	29580	30180	30780	31380
7:43	7:53	8: 3	8:13	8:23	8:33	8:43

secs  
hh:mm



ALT	6409	3729	1317	167	1269	3666	6344	km
LAT	63	73	59	14	-31	-58	-70	deg
LONG	-141	177	105	80	65	47	17	deg
SZA	98	83	59	33	52	76	90	deg
LST	4.6	7.2	12.2	14.0	15.0	16.1	17.9	hr

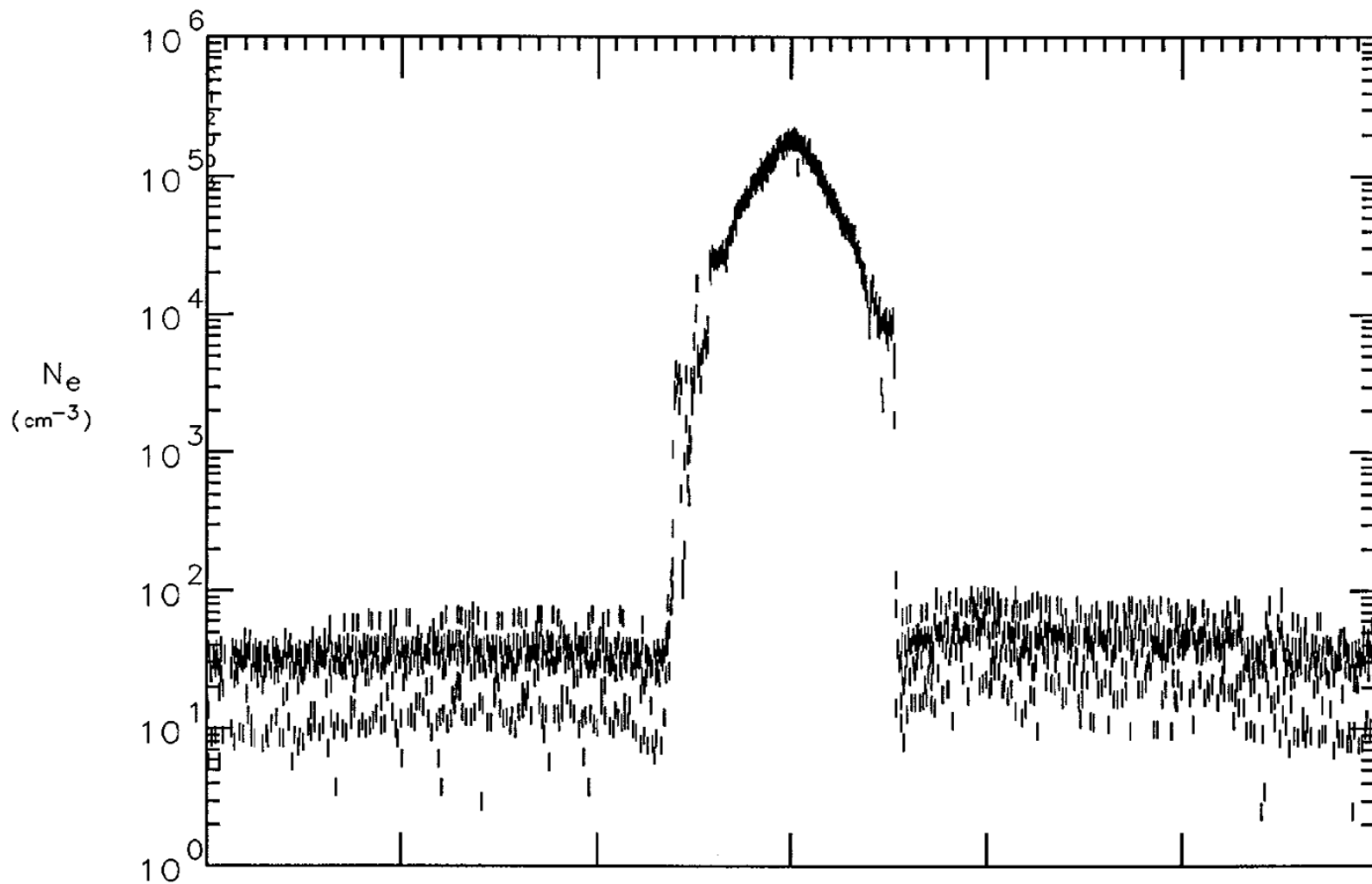
Universal Time, Day 80040

Ne hi-res Radial

Plotted:  
18-JUL-93  
23:34:54

28080	28680	29280	29880	30480	31080	31680
7:48	7:58	8: 8	8:18	8:28	8:38	8:48

secs  
hh:mm



Orbit  
431

ALT	6358	3679	1280	168	1308	3716	6395	km
LAT	64	73	58	14	-32	-58	-71	deg
LONG	-139	177	106	81	67	48	18	deg
SZA	97	83	59	34	54	77	91	deg
LST	4.8	7.4	12.4	14.1	15.1	16.2	18.1	hr



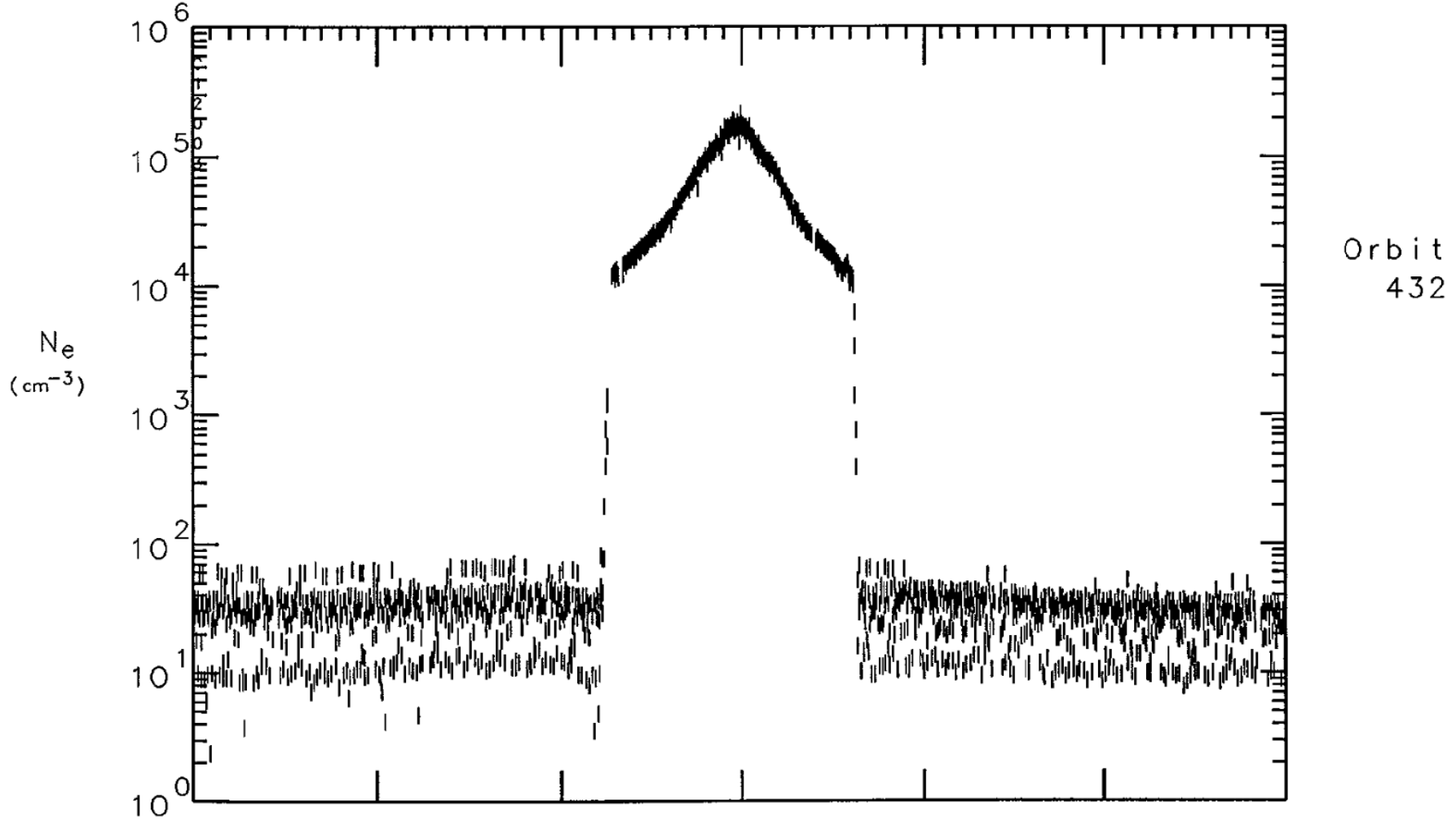
Universal Time, Day 80041

Ne hi-res Radial

Plotted:  
18-JUL-93  
23:42:18

28380	28980	29580	30180	30780	31380	31980
7:53	8: 3	8:13	8:23	8:33	8:43	8:53

secs  
hh:mm



ALT	6286	3609	1227	170	1362	3786	6466	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-138	176	106	82	68	49	19	deg
SZA	96	82	58	36	56	78	92	deg
LST	4.9	7.7	12.6	14.3	15.2	16.4	18.2	hr

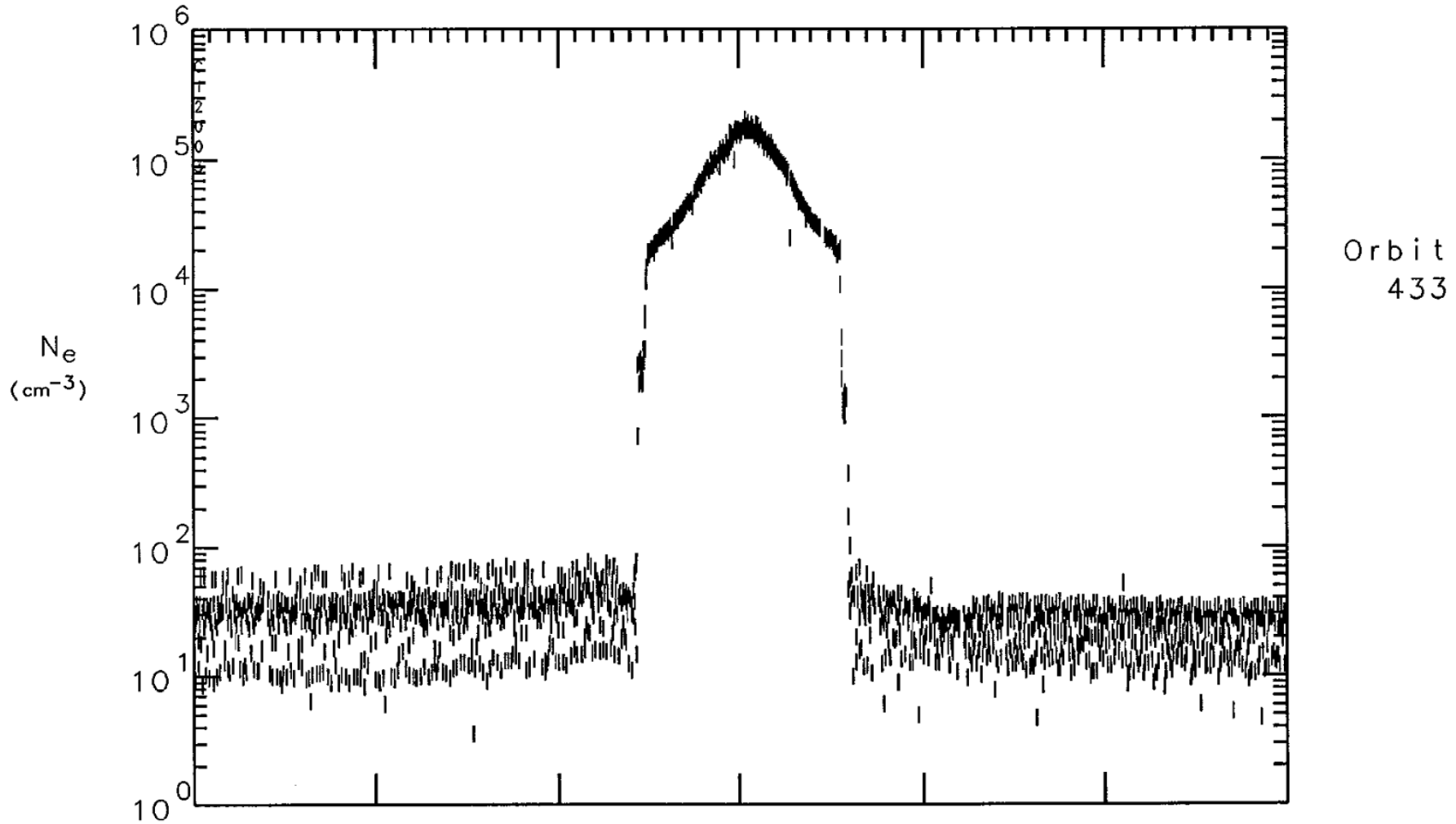
Universal Time, Day 80042

Ne hi-res Radial

Plotted:  
18-JUL-93  
23:49:36

28620	29220	29820	30420	31020	31620	32220
7:57	8: 7	8:17	8:27	8:37	8:47	8:57

secs  
hh:mm



ALT	6464	3784	1361	170	1229	3612	6288	km
LAT	63	73	60	16	-30	-58	-70	deg
LONG	-136	-176	111	85	70	52	23	deg
SZA	96	83	60	37	55	77	91	deg
LST	4.9	7.4	12.5	14.3	15.3	16.4	18.2	hr

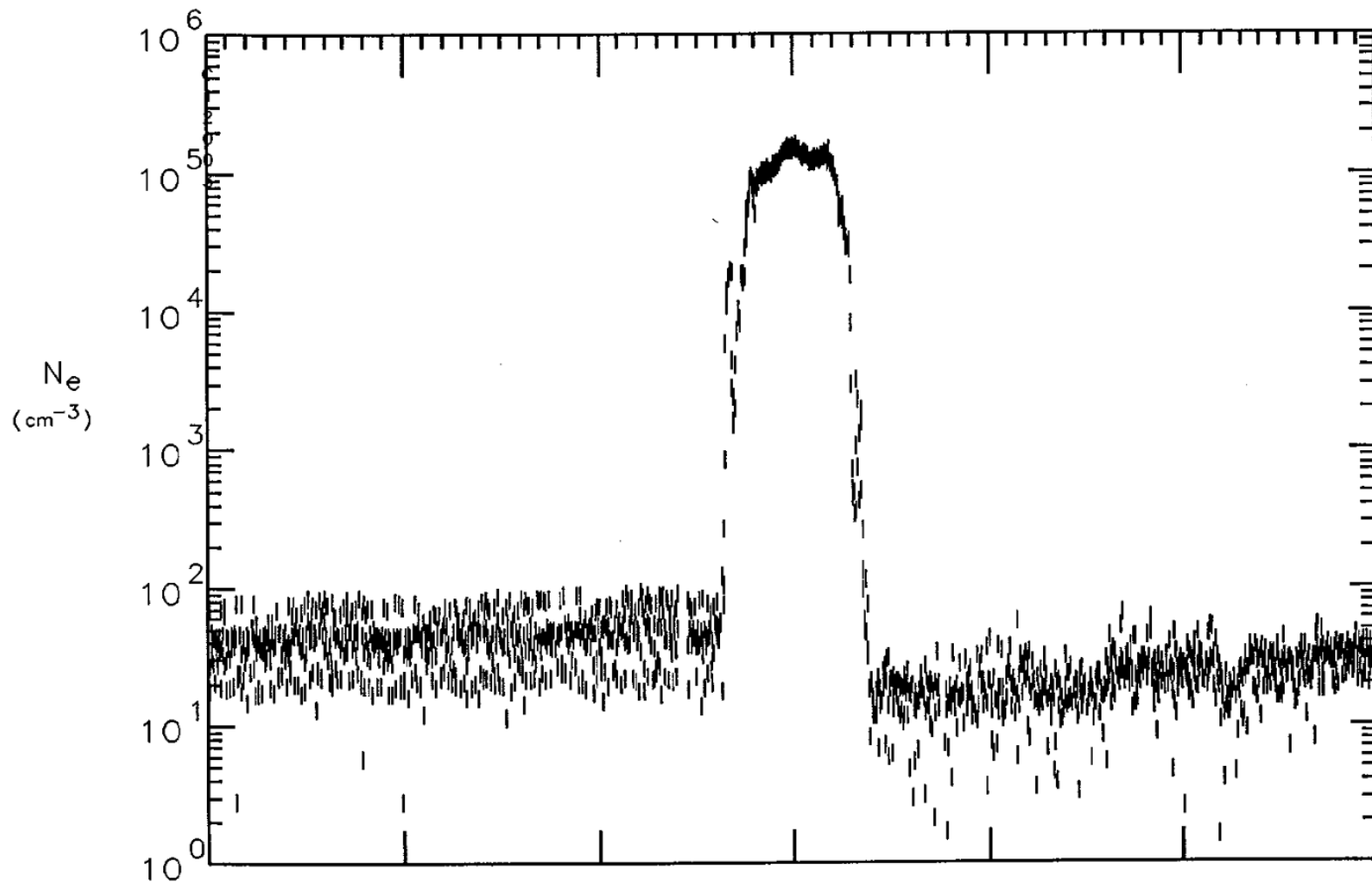
Ne hi-res Radial

Plotted:  
18-JUL-93  
23:56:55

Universal Time, Day 80043

28920	29520	30120	30720	31320	31920	32520
8: 2	8:12	8:22	8:32	8:42	8:52	9: 2

secs  
hh:mm



Orbit  
434

ALT	6356	3679	1280	169	1310	3717	6396	km
LAT	64	73	58	13	-32	-58	-71	deg
LONG	-135	-178	110	86	71	53	23	deg
SZA	95	82	60	39	57	79	92	deg
LST	5.1	7.7	12.7	14.4	15.4	16.6	18.4	hr

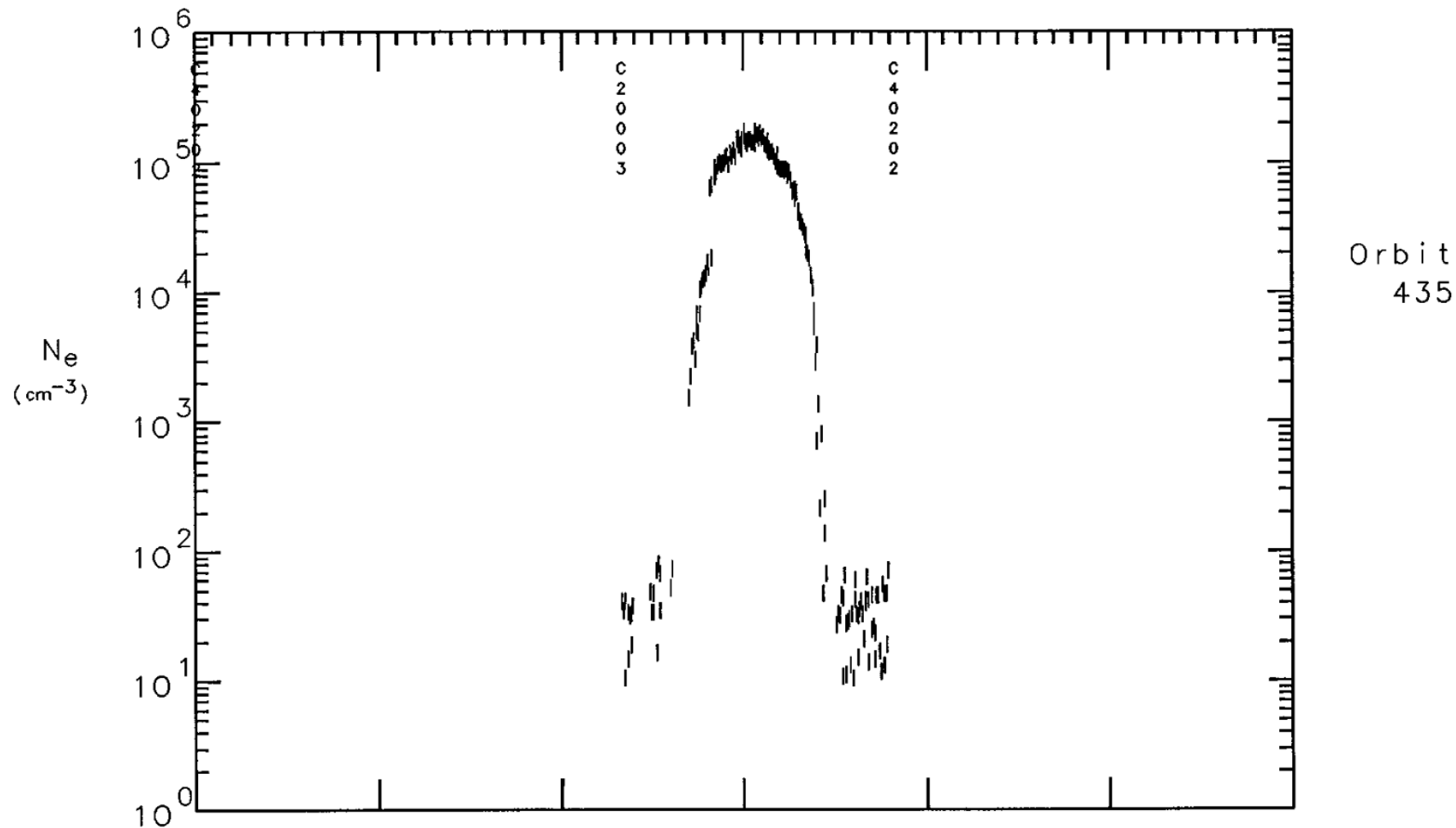
Ne hi-res Radial

Plotted:  
19-JUL-93  
00:03:59

Universal Time, Day 80044

29160	29760	30360	30960	31560	32160	32760
8: 6	8:16	8:26	8:36	8:46	8:56	9: 6

secs  
hh:mm



Orbit  
435

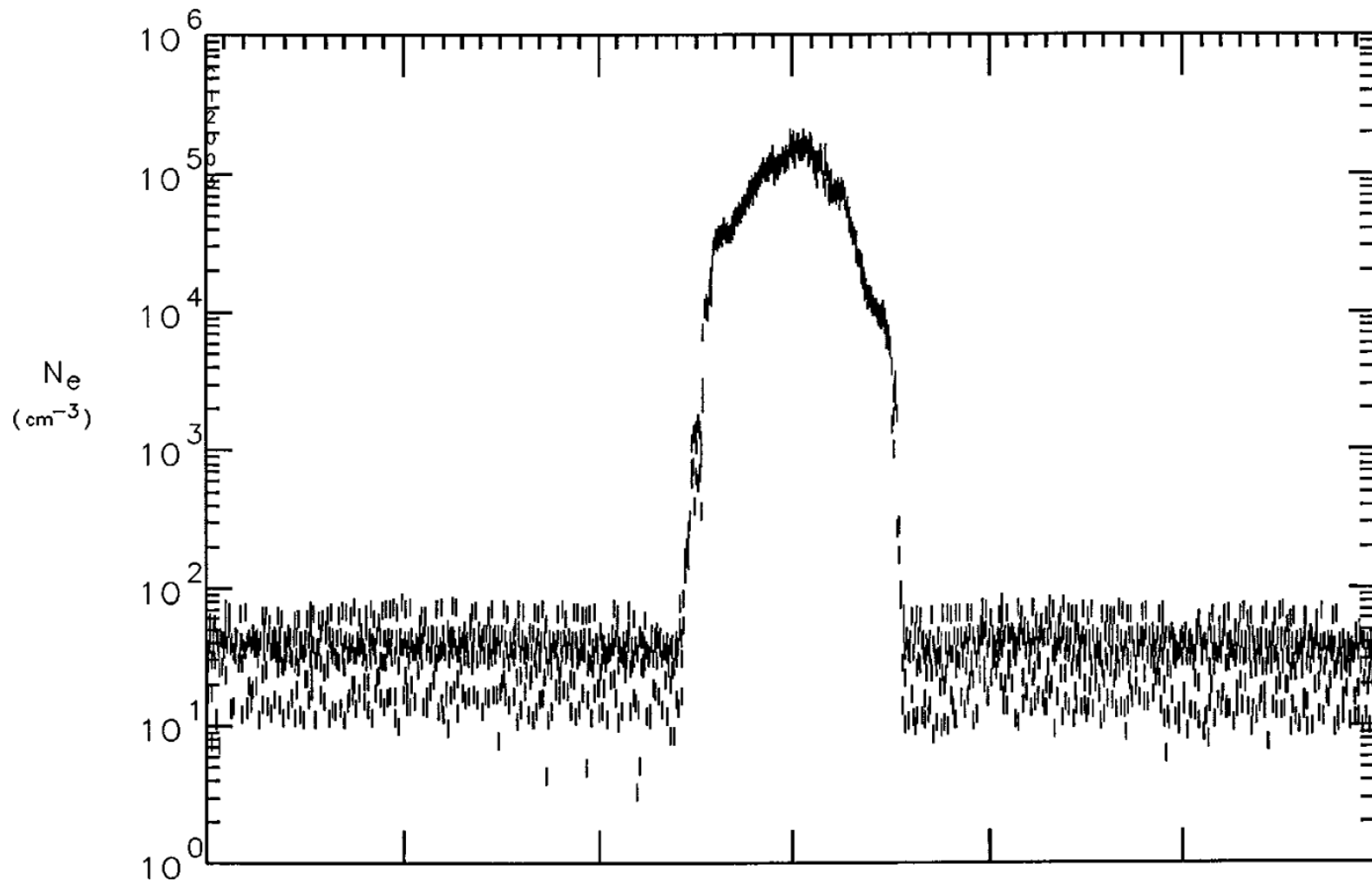
ALT	6500	3820	1390	172	1203	3576	6252	km
LAT	63	73	60	16	-30	-57	-70	deg
LONG	-132	-172	114	88	73	55	26	deg
SZA	95	82	61	40	57	79	92	deg
LST	5.1	7.6	12.7	14.5	15.5	16.6	18.4	hr

Ne hi-res Radial

Plotted:  
19-JUL-93  
00:06:58  
secs  
hh:mm

Universal Time, Day 80046

29700	30300	30900	31500	32100	32700	33300
8:15	8:25	8:35	8:45	8:55	9: 5	9:15



ALT	6472	3793	1368	172	1224	3604	6280	km
LAT	63	73	60	16	-30	-58	-71	deg
LONG	-129	-170	116	91	76	58	29	deg
SZA	94	81	62	43	60	80	93	deg
LST	5.3	7.8	12.9	14.7	15.7	16.8	18.6	hr

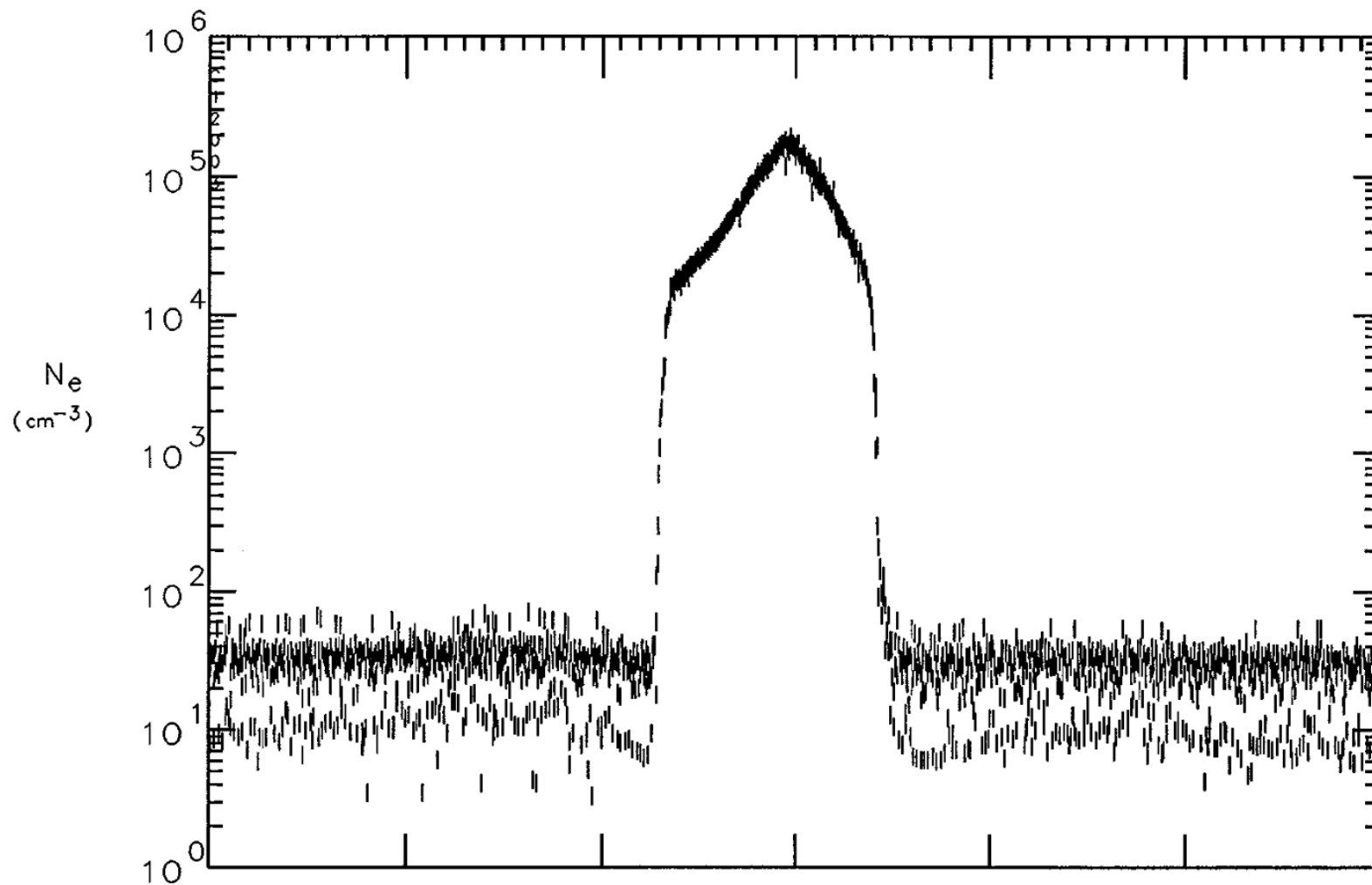
Universal Time, Day 80047

Ne hi-res Radial

Plotted:  
19-JUL-93  
00:15:00

30000	30600	31200	31800	32400	33000	33600
8:20	8:30	8:40	8:50	9:0	9:10	9:20

secs  
hh:mm



ALT	6301	3625	1239	171	1352	3772	6451	km
LAT	64	73	58	12	-32	-59	-71	deg
LONG	-129	-173	115	91	77	58	28	deg
SZA	92	80	60	45	63	82	94	deg
LST	5.5	8.3	13.2	14.9	15.8	17.0	18.9	hr

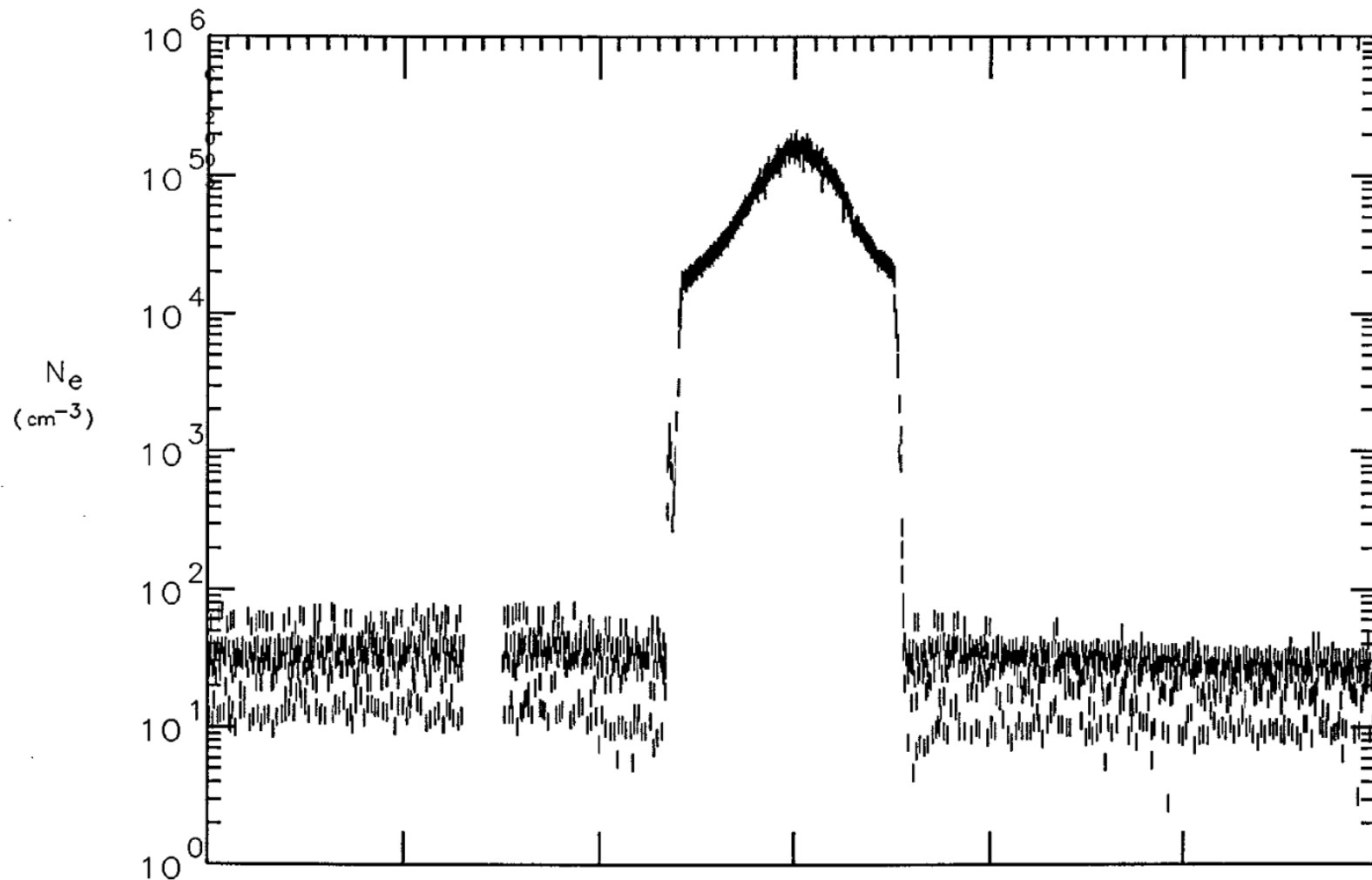
Universal Time, Day 80048

Ne hi-res Radial

Plotted:  
19-JUL-93  
00:23:21

30240	30840	31440	32040	32640	33240	33840
8:24	8:34	8:44	8:54	9: 4	9:14	9:24

secs  
hh:mm



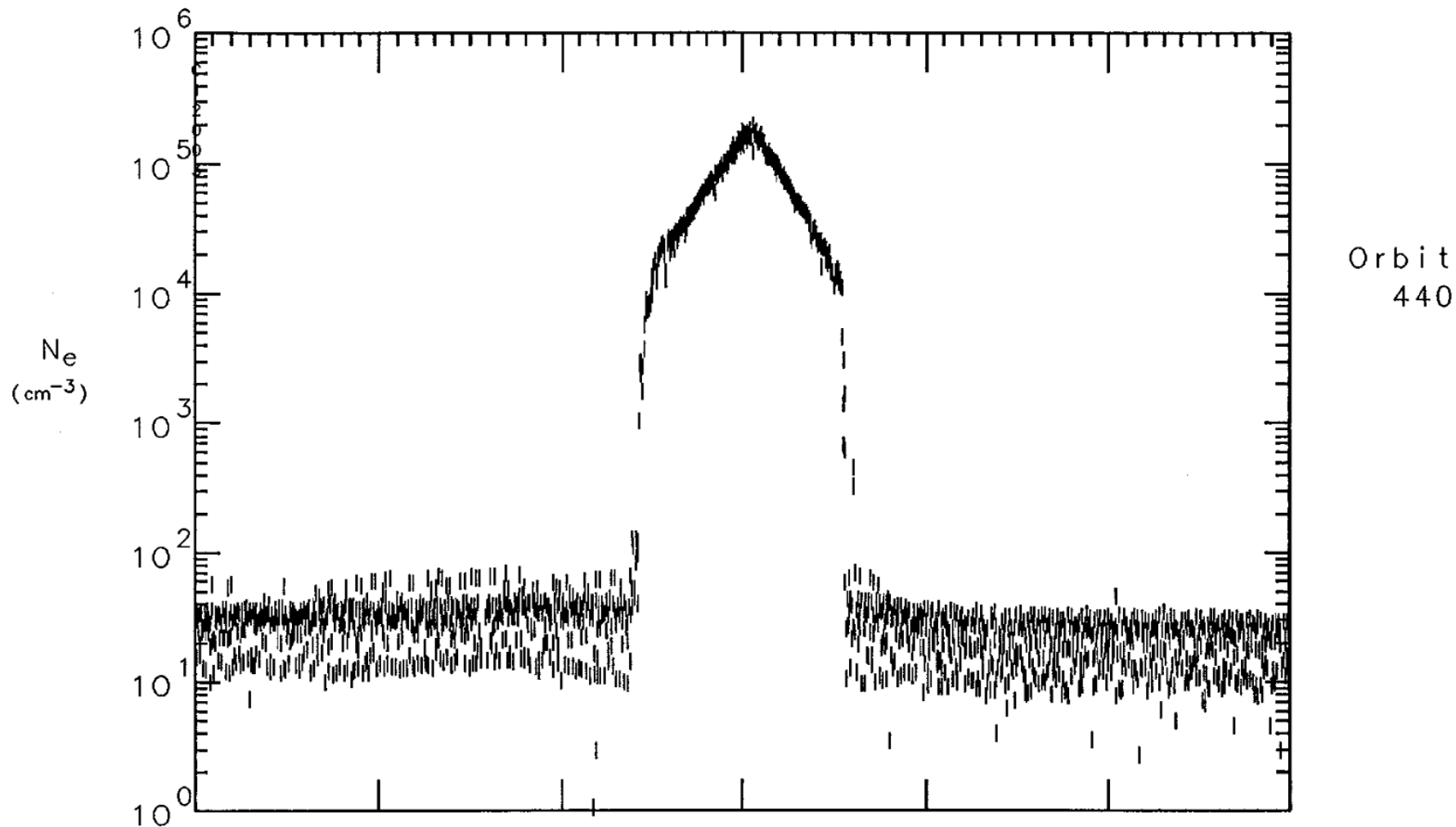
ALT	6382	3704	1299	170	1291	3692	6370	km
LAT	64	73	59	14	-31	-58	-71	deg
LONG	-127	-170	118	93	79	61	31	deg
SZA	92	80	62	46	63	82	94	deg
LST	5.6	8.2	13.3	15.0	15.9	17.1	18.9	hr

Ne hi-res Radial

Plotted:  
19-JUL-93  
00:31:43  
secs  
hh:mm

Universal Time, Day 80049

30480	31080	31680	32280	32880	33480	34080
8:28	8:38	8:48	8:58	9: 8	9:18	9:28



ALT	6447	3768	1348	170	1242	3629	6305	km
LAT	64	73	59	15	-30	-58	-71	deg
LONG	-125	-166	120	95	81	63	33	deg
SZA	92	80	62	48	64	83	94	deg
LST	5.7	8.2	13.3	15.1	16.0	17.1	18.9	hr



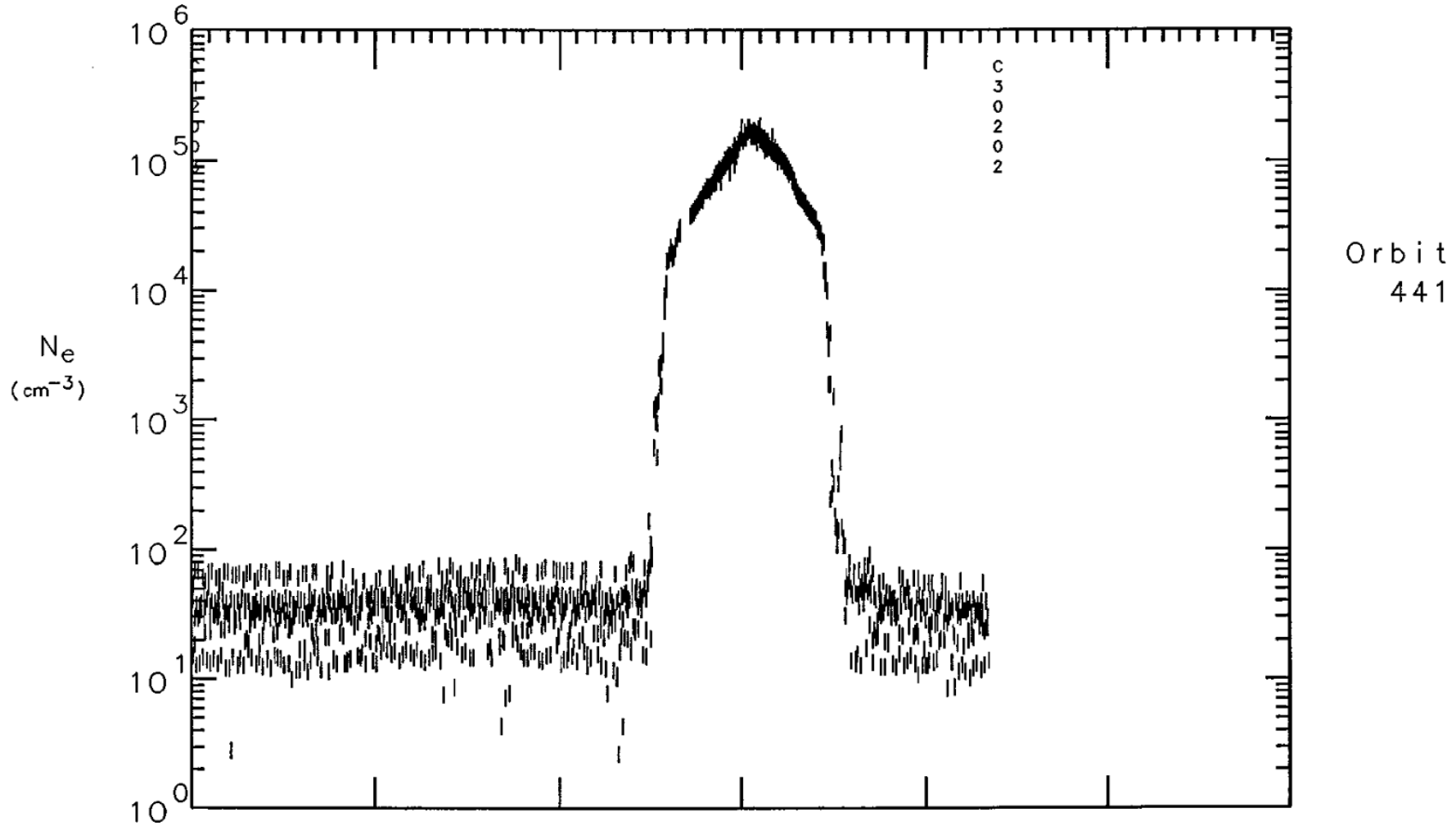
Universal Time, Day 80050

Ne hi-res Radial

Plotted:  
19-JUL-93  
00:40:04

30720	31320	31920	32520	33120	33720	34320
8:32	8:42	8:52	9: 2	9:12	9:22	9:32

secs  
hh:mm



ALT	6496	3816	1386	172	1206	3580	6256	km
LAT	64	73	60	16	-30	-58	-71	deg
LONG	-123	-163	123	97	82	65	35	deg
SZA	91	80	63	49	65	83	95	deg
LST	5.7	8.2	13.4	15.1	16.1	17.2	19.0	hr

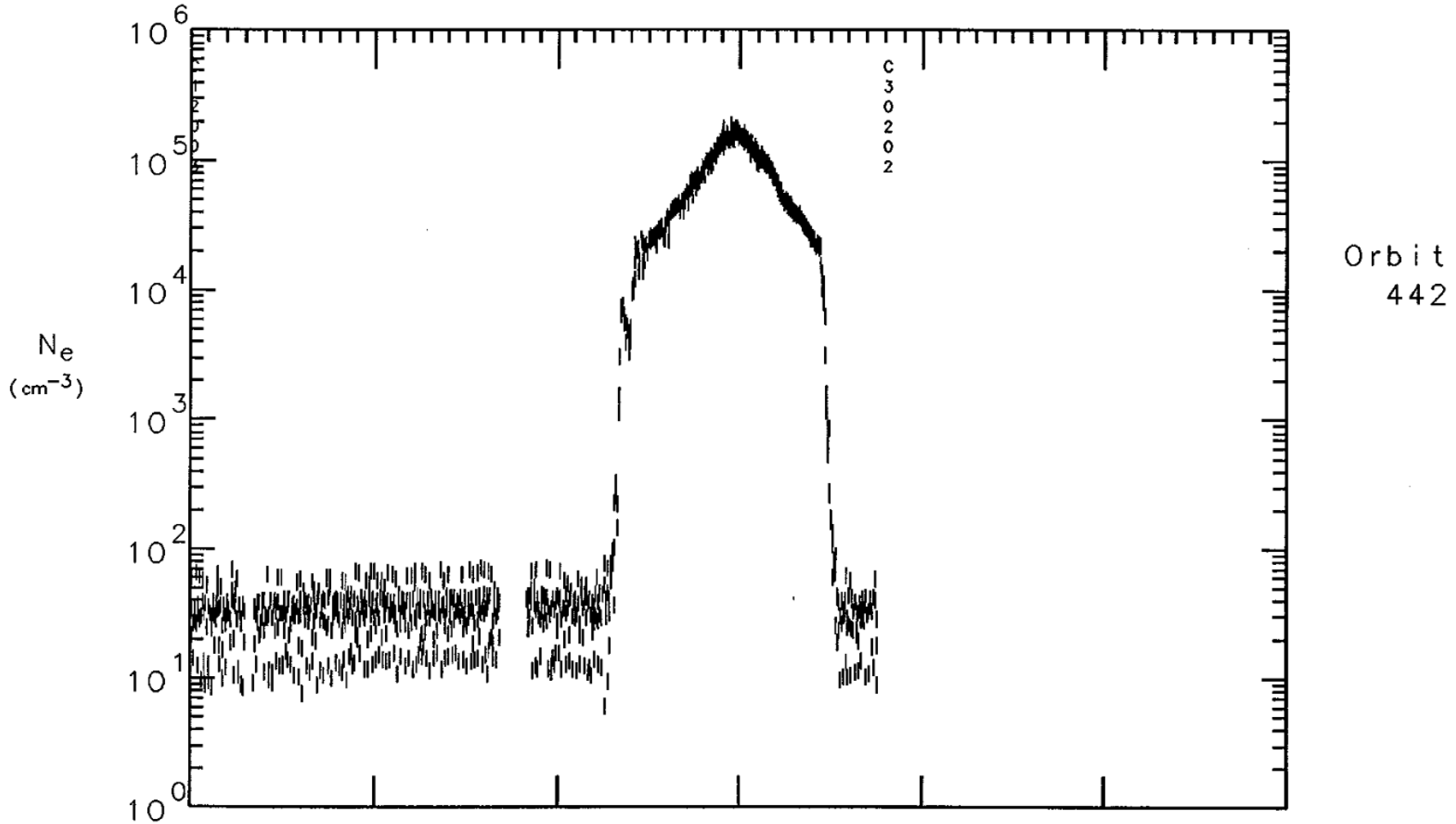
Universal Time, Day 80051

Ne hi-res Radial

Plotted:  
19-JUL-93  
00:47:15

31020	31620	32220	32820	33420	34020	34620
8:37	8:47	8:57	9: 7	9:17	9:27	9:37

secs  
hh:mm



ALT	6262	3586	1210	171	1381	3810	6490	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-123	-169	120	97	83	64	34	deg
SZA	90	79	62	51	68	85	96	deg
LST	5.9	8.8	13.7	15.3	16.3	17.4	19.3	hr

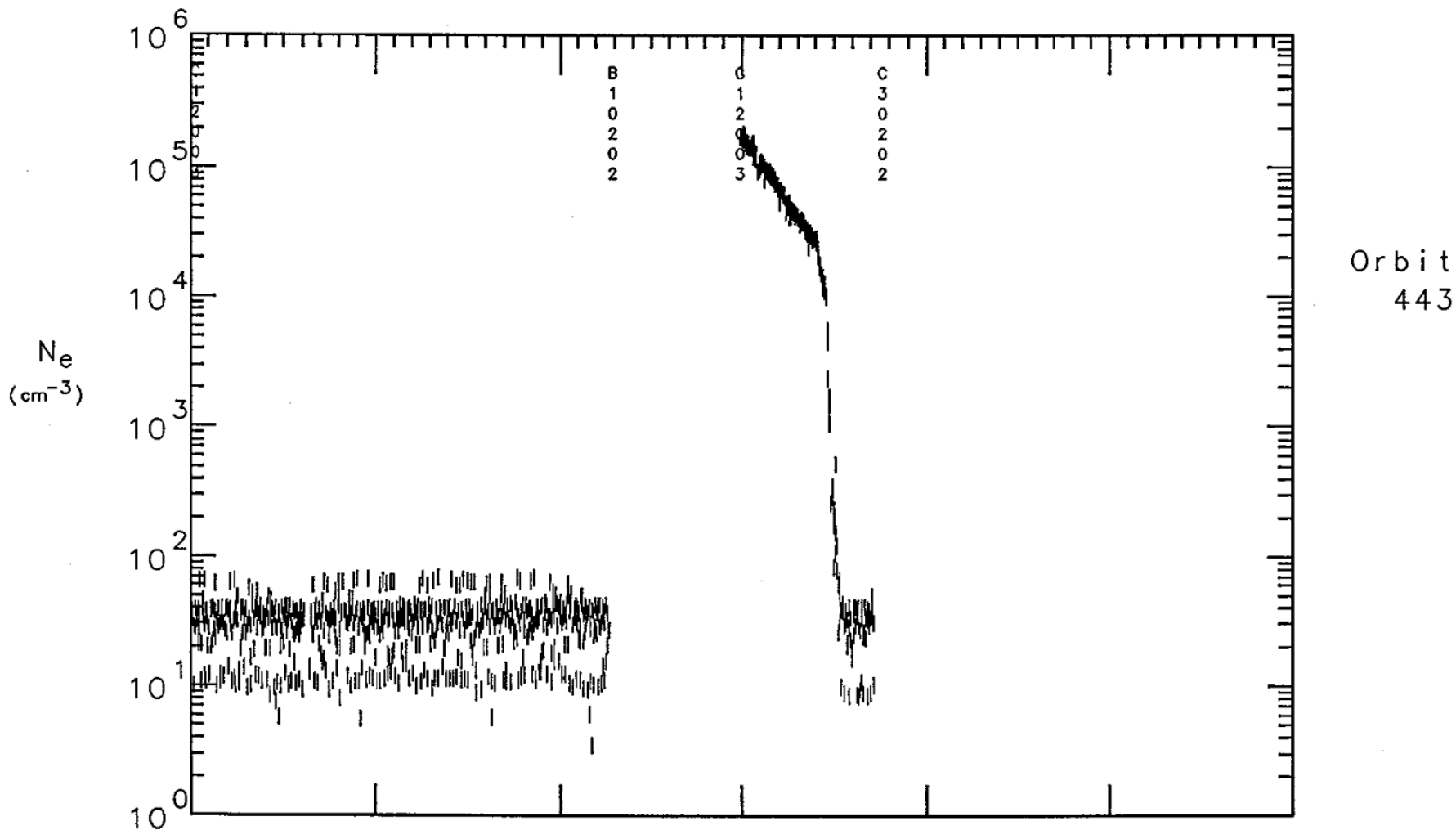
Universal Time, Day 80052

Ne hi-res Radiol

Plotted:  
19-JUL-93  
00:53:15

31260	31860	32460	33060	33660	34260	34860
8:41	8:51	9: 1	9:11	9:21	9:31	9:41

secs  
hh:mm



ALT	6280	3604	1223	170	1367	3792	6472	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-121	-167	122	99	84	66	35	deg
SZA	89	79	63	53	69	86	96	deg
LST	6.0	8.8	13.8	15.4	16.4	17.5	19.4	hr

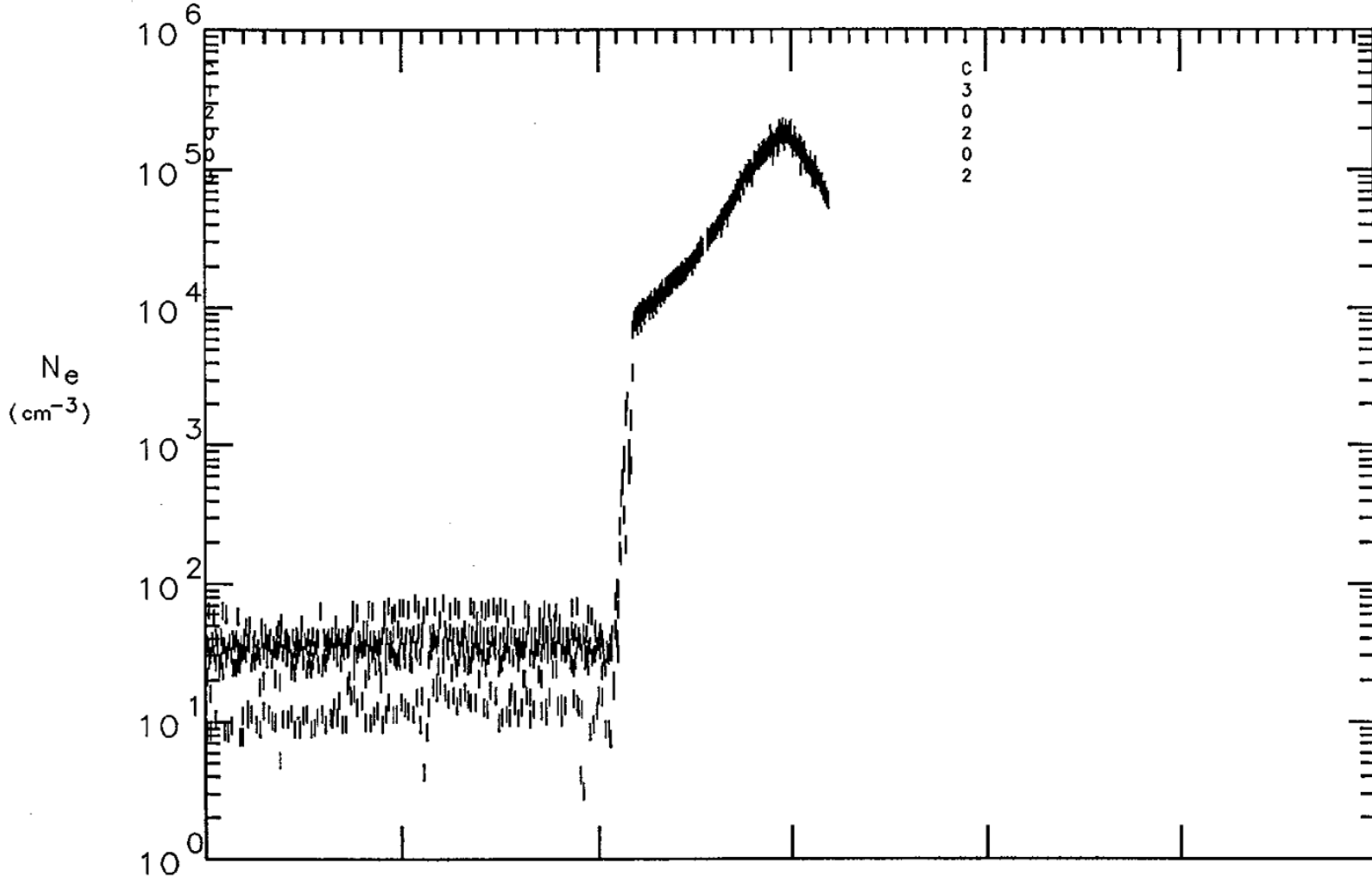
Universal Time, Day 80053

Ne hi-res Radial

Plotted:  
19-JUL-93  
00:58:26

31500	32100	32700	33300	33900	34500	35100
8:45	8:55	9: 5	9:15	9:25	9:35	9:45

secs  
hh:mm



Orbit  
444

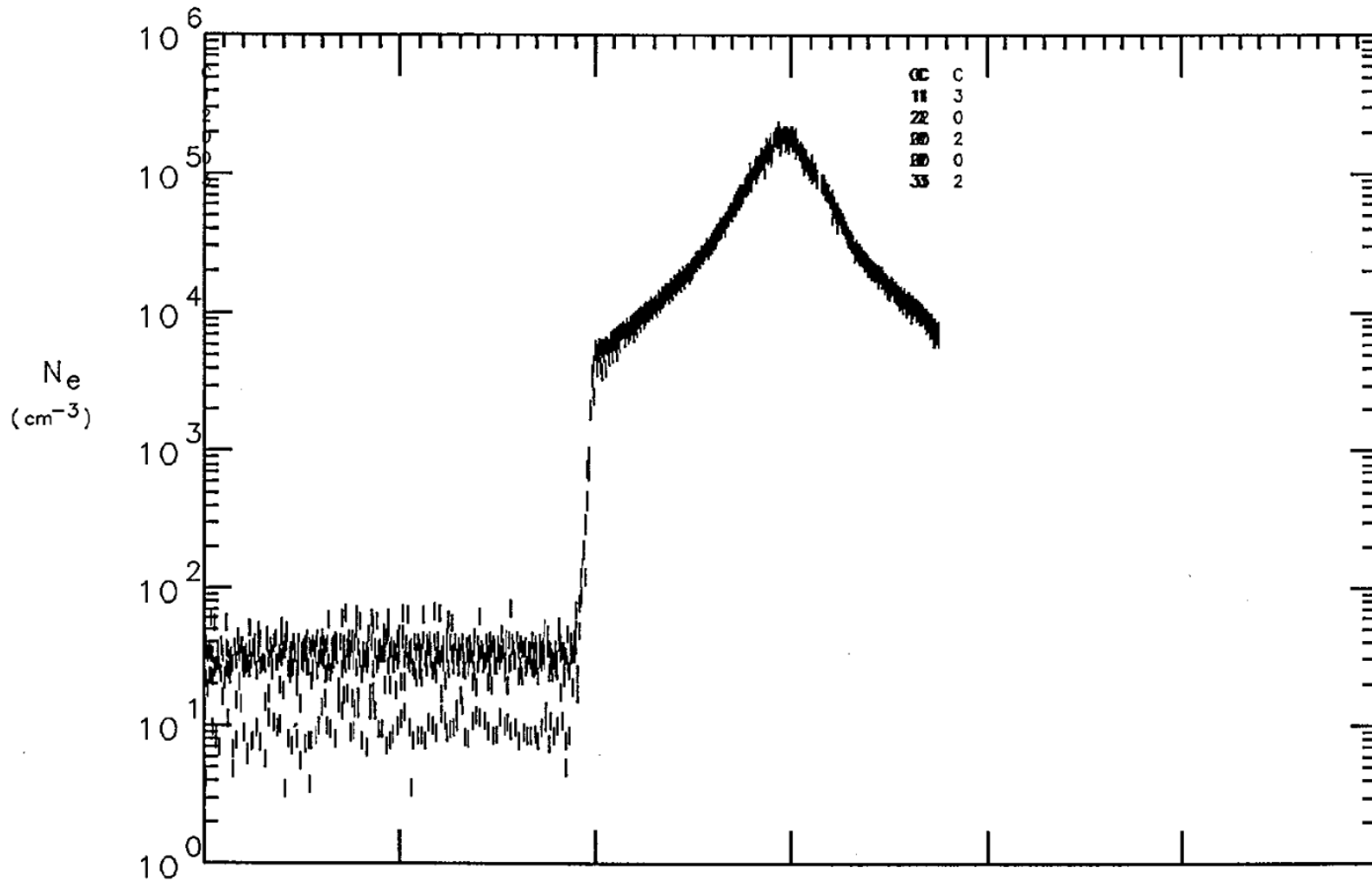
ALT	6281	3605	1224	169	1366	3791	6471	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-120	-165	124	100	86	67	37	deg
SZA	89	79	63	54	70	86	96	deg
LST	6.1	8.9	13.9	15.6	16.5	17.6	19.5	hr

Universal Time, Day 80054

Ne hi-res Radial

Plotted:  
19-JUL-93  
01:04:17

31740	32340	32940	33540	34140	34740	35340	secs
8:49	8:59	9: 9	9:19	9:29	9:39	9:49	hh:mm



Orbit  
445

ALT	6265	3588	1211	169	1378	3807	6487	km
LAT	64	74	57	12	-33	-59	-71	deg
LONG	-118	-164	125	102	87	69	38	deg
SZA	88	78	64	56	72	87	97	deg
LST	6.2	9.1	14.1	15.7	16.6	17.8	19.6	hr

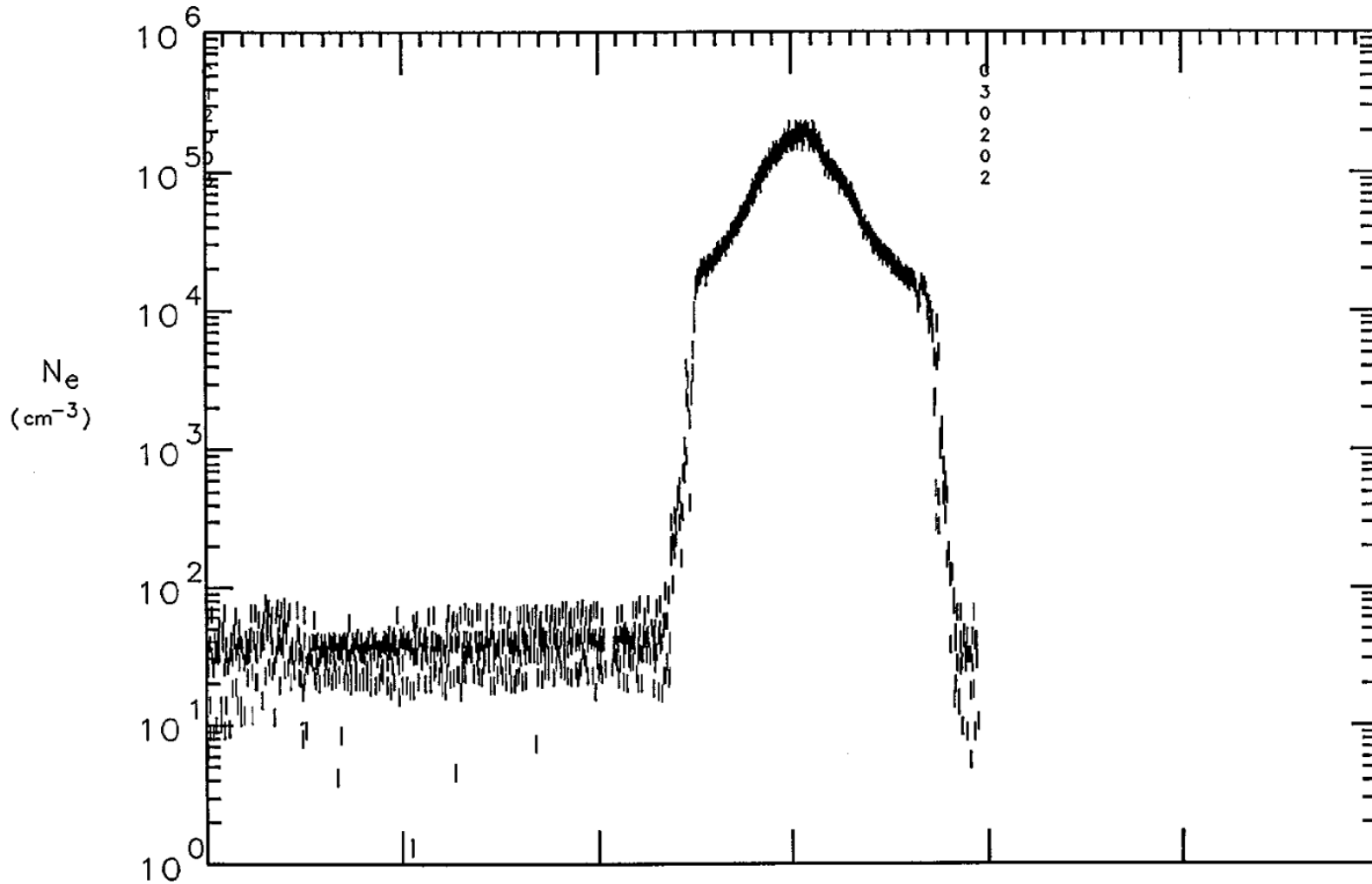
Universal Time, Day 80055

Ne hi-res Radial

Plotted:  
19-JUL-93  
01:10:31

31920	32520	33120	33720	34320	34920	35520
8:52	9: 2	9:12	9:22	9:32	9:42	9:52

secs  
hh:mm



Orbit  
446

ALT	6498	3817	1385	169	1203	3578	6255	km
LAT	64	73	60	16	-30	-58	-71	deg
LONG	-115	-156	130	104	90	72	43	deg
SZA	88	79	66	57	71	87	97	deg
LST	6.2	8.7	13.9	15.7	16.6	17.7	19.5	hr

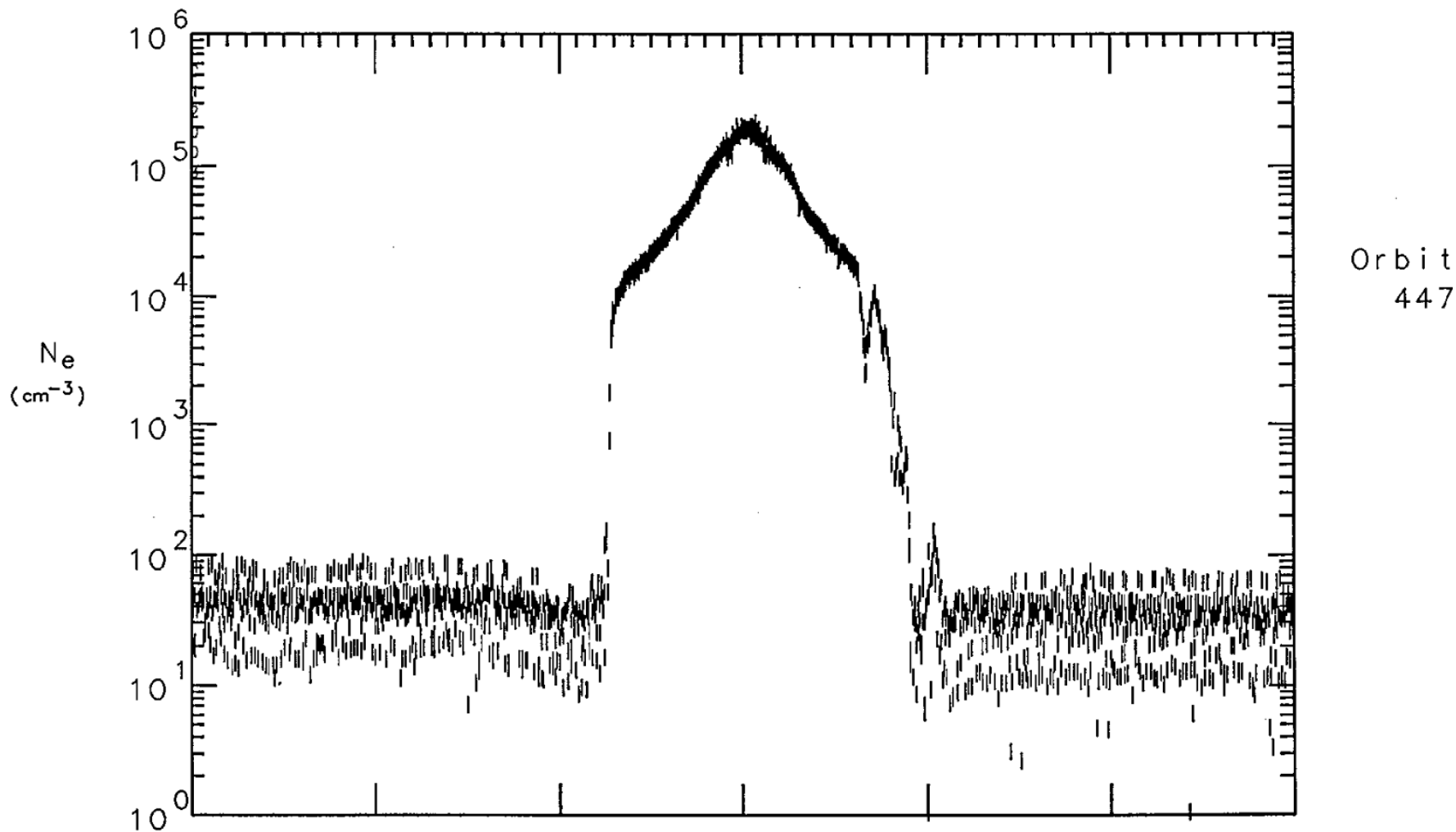
Universal Time, Day 80056

Ne hi-res Radial

Plotted:  
19-JUL-93  
01:16:03

32160	32760	33360	33960	34560	35160	35760
8:56	9: 6	9:16	9:26	9:36	9:46	9:56

secs  
hh:mm



ALT	6442	3762	1342	167	1243	3632	6310	km
LAT	64	73	60	15	-31	-58	-71	deg
LONG	-114	-156	130	106	91	73	44	deg
SZA	87	79	66	58	73	88	97	deg
LST	6.4	9.0	14.1	15.8	16.8	17.9	19.7	hr

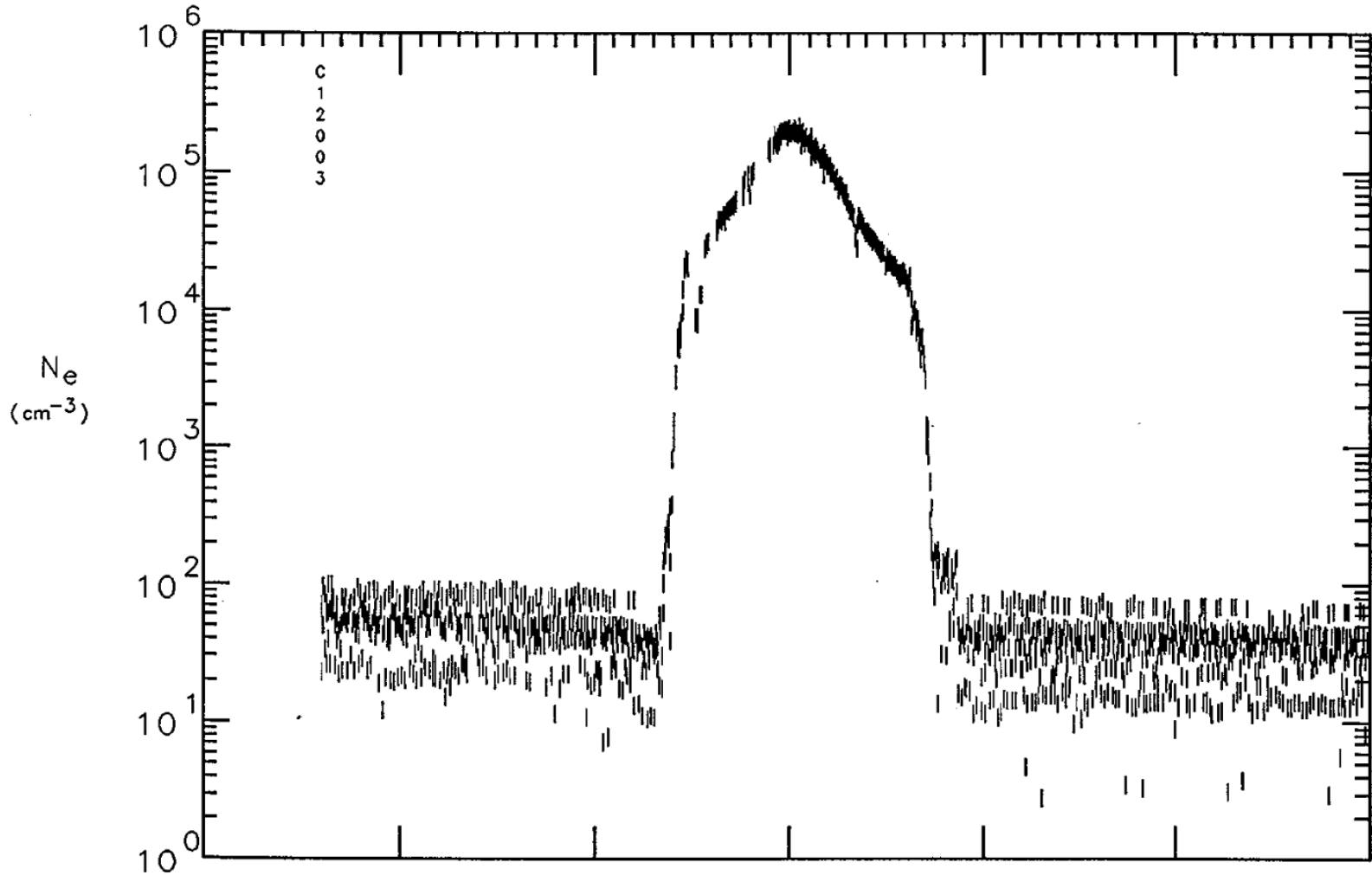
Universal Time, Day 80057

Ne hi-res Radial

Plotted:  
19-JUL-93  
01:23:21

32400	33000	33600	34200	34800	35400	36000
9: 0	9:10	9:20	9:30	9:40	9:50	10: 0

secs  
hh:mm



Orbit  
448

ALT	6366	3687	1284	165	1300	3707	6387	km
LAT	64	73	59	14	-32	-59	-71	deg
LONG	-113	-156	131	107	92	74	44	deg
SZA	87	78	66	60	75	89	98	deg
LST	6.5	9.2	14.3	16.0	16.9	18.0	19.9	hr



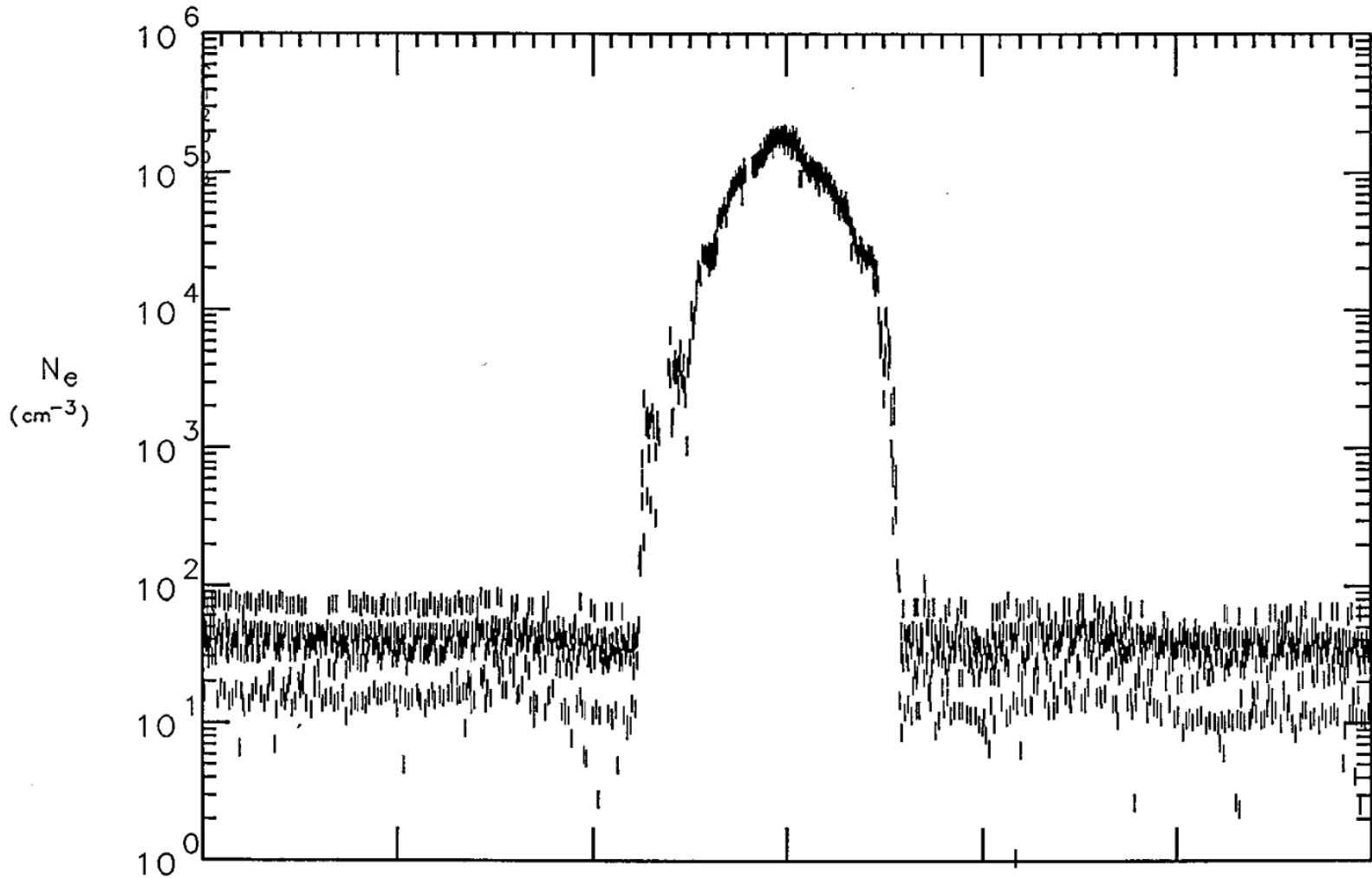
Universal Time, Day 80058

Ne hi-res Radial

Plotted:  
19-JUL-93  
01:28:38

32640	33240	33840	34440	35040	35640	36240
9: 4	9:14	9:24	9:34	9:44	9:54	10: 4

secs  
hh:mm



Orbit  
449

ALT	6267	3589	1210	166	1375	3805	6486	km
LAT	65	74	57	12	-33	-59	-71	deg
LONG	-112	-158	131	108	93	75	44	deg
SZA	86	78	66	62	77	90	98	deg
LST	6.7	9.5	14.5	16.1	17.0	18.2	20.0	hr

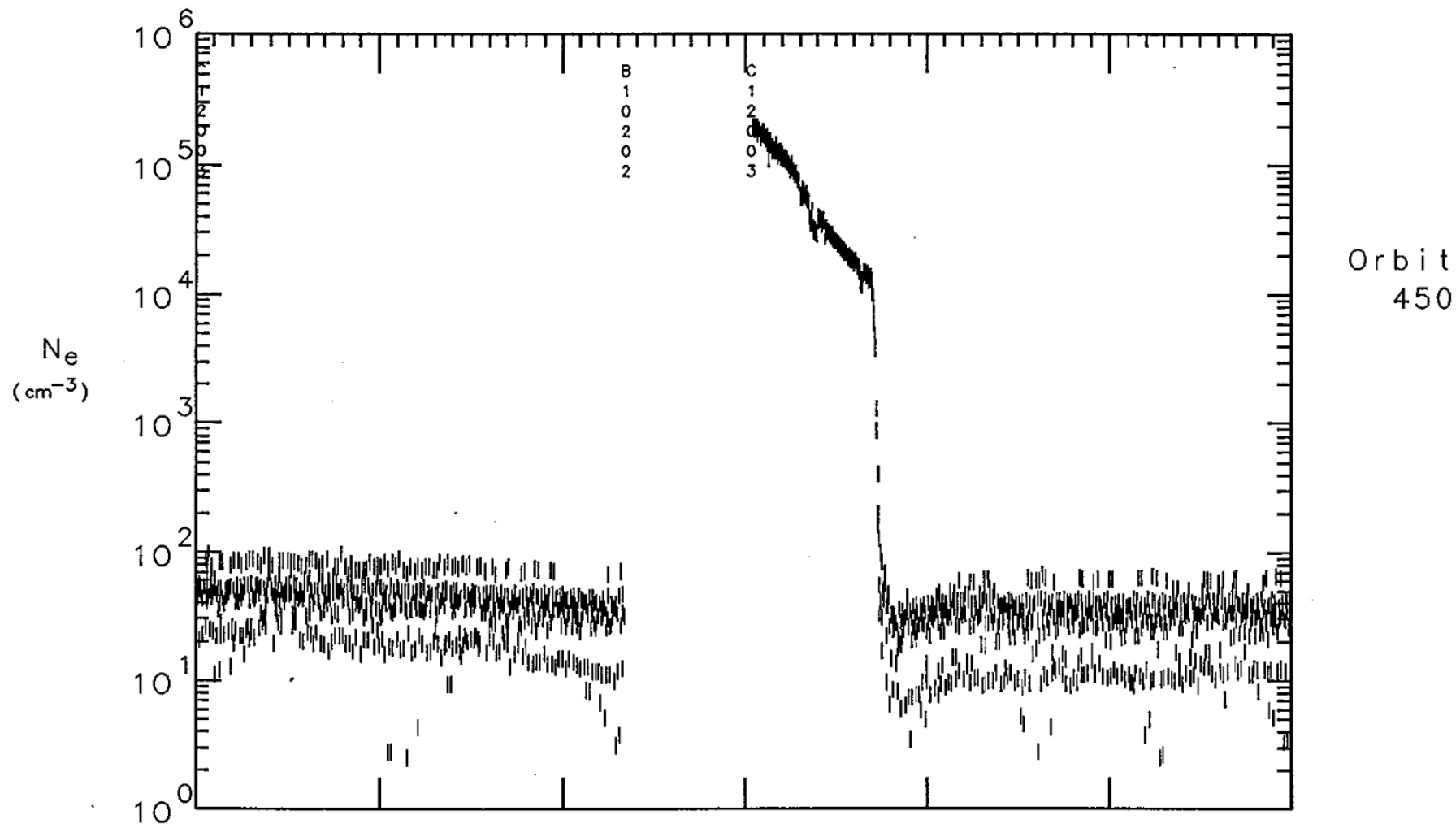
Universal Time, Day 80059

Ne hi-res Radial

Plotted:  
19-JUL-93  
13:50:33

32820	33420	34020	34620	35220	35820	36420
9: 7	9:17	9:27	9:37	9:47	9:57	10: 7

secs  
hh:mm



ALT	6415	3735	1320	164	1262	3658	6338	km
LAT	64	73	59	15	-31	-58	-71	deg
LONG	-110	-152	134	110	96	78	48	deg
SZA	86	78	68	63	77	90	98	deg
LST	6.7	9.3	14.5	16.1	17.1	18.2	20.0	hr

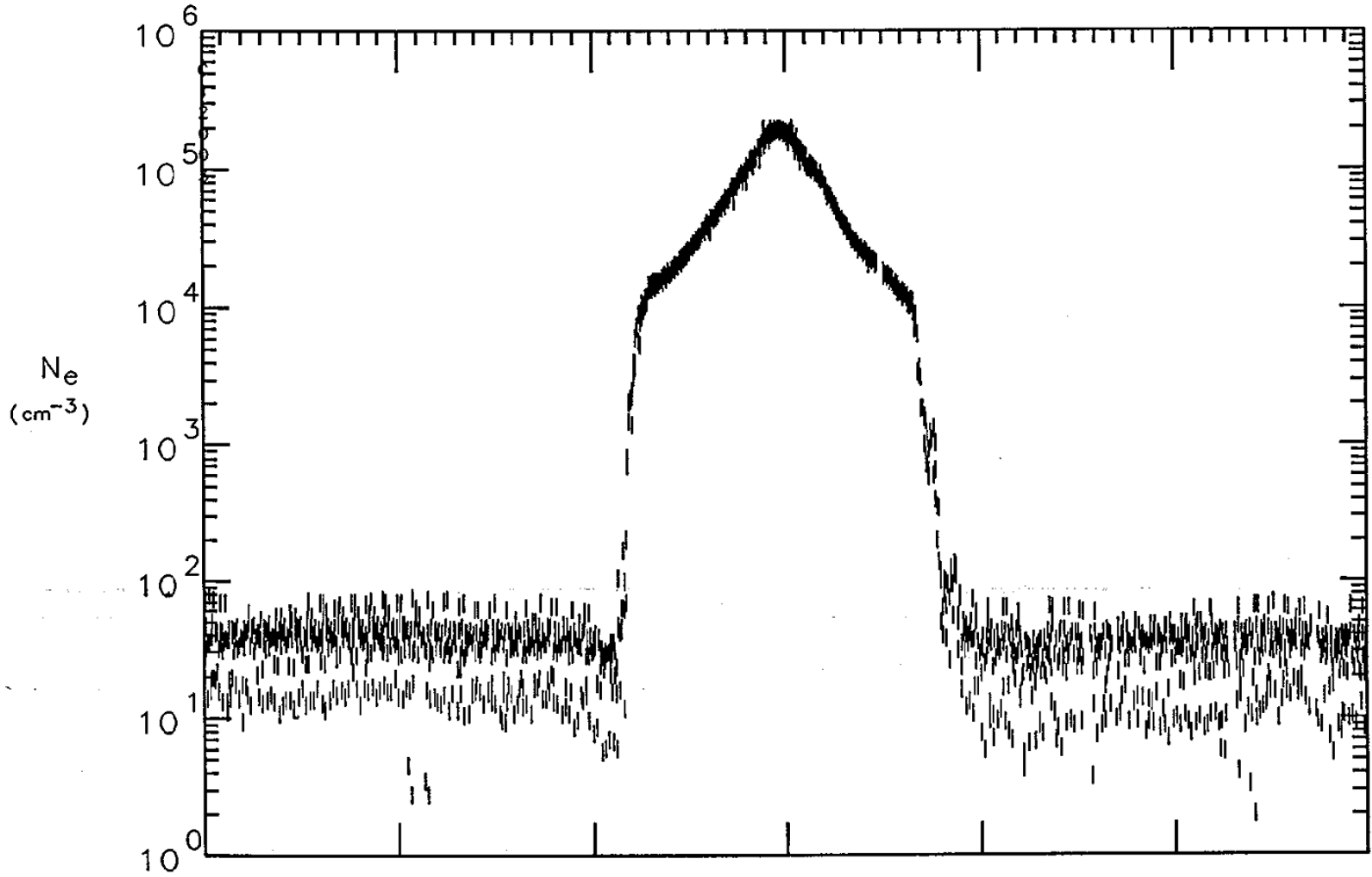
Universal Time, Day 80060

Ne hi-res Radial

Plotted:  
30-JUL-93  
13:05:18

33060	33660	34260	34860	35460	36060	36660
9:11	9:21	9:31	9:41	9:51	10: 1	10:11

secs  
hh:mm



Orbit  
451

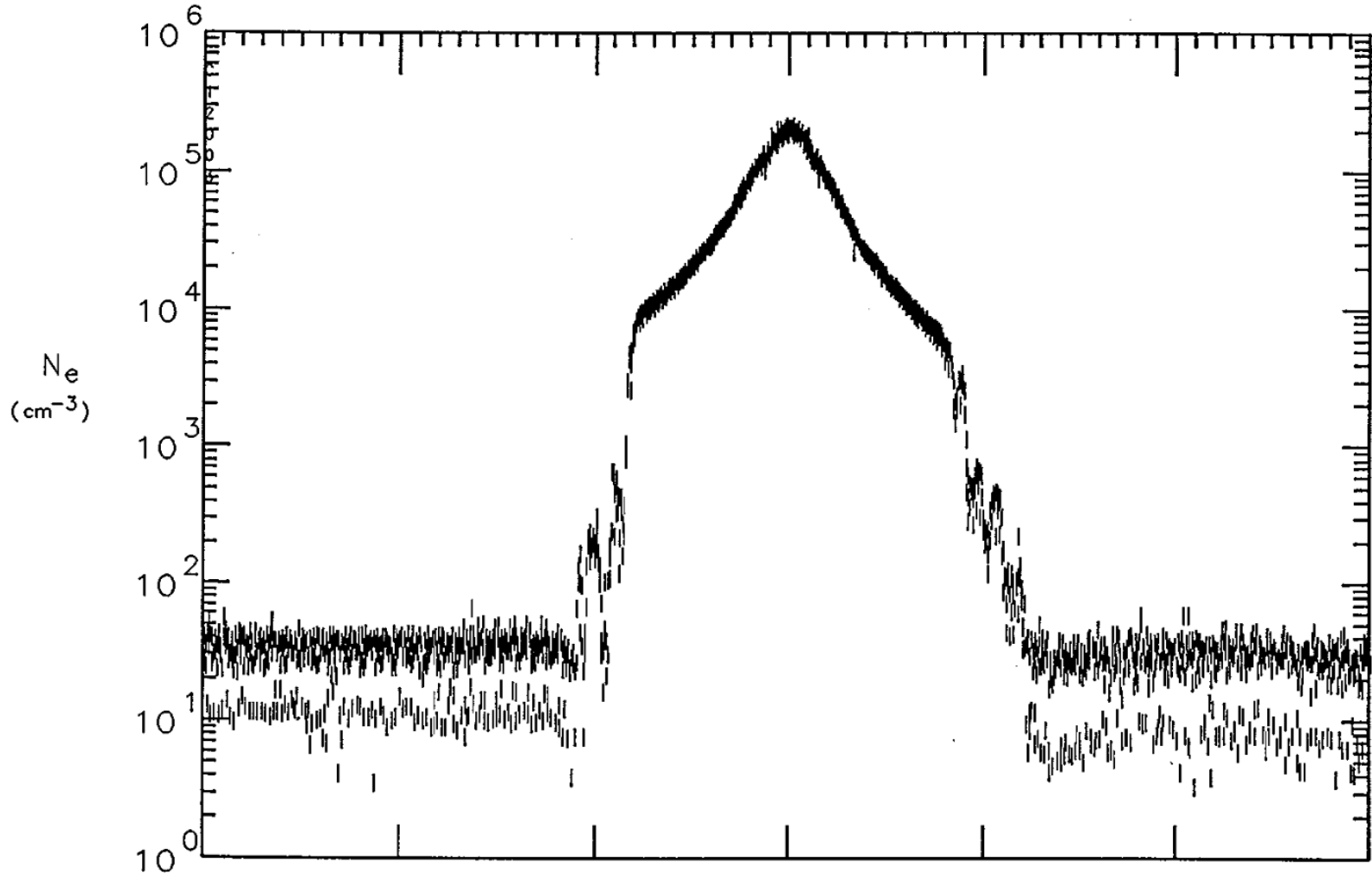
ALT	6272	3594	1213	164	1369	3799	6481	km
LAT	65	74	57	12	-33	-59	-72	deg
LONG	-109	-155	134	111	96	78	47	deg
SZA	85	77	68	65	79	92	99	deg
LST	6.9	9.7	14.7	16.3	17.2	18.4	20.2	hr

Universal Time, Day 80061

Ne hi-res Radial

Plotted:  
19-JUL-93  
15:11:08

33240	33840	34440	35040	35640	36240	36840	secs
9:14	9:24	9:34	9:44	9:54	10: 4	10:14	hh:mm



Orbit  
452

ALT	6372	3692	1286	161	1293	3700	6381	km
LAT	64	74	59	14	-32	-59	-71	deg
LONG	-107	-150	137	113	98	80	50	deg
SZA	84	78	69	66	80	92	99	deg
LST	6.9	9.6	14.7	16.4	17.3	18.4	20.3	hr

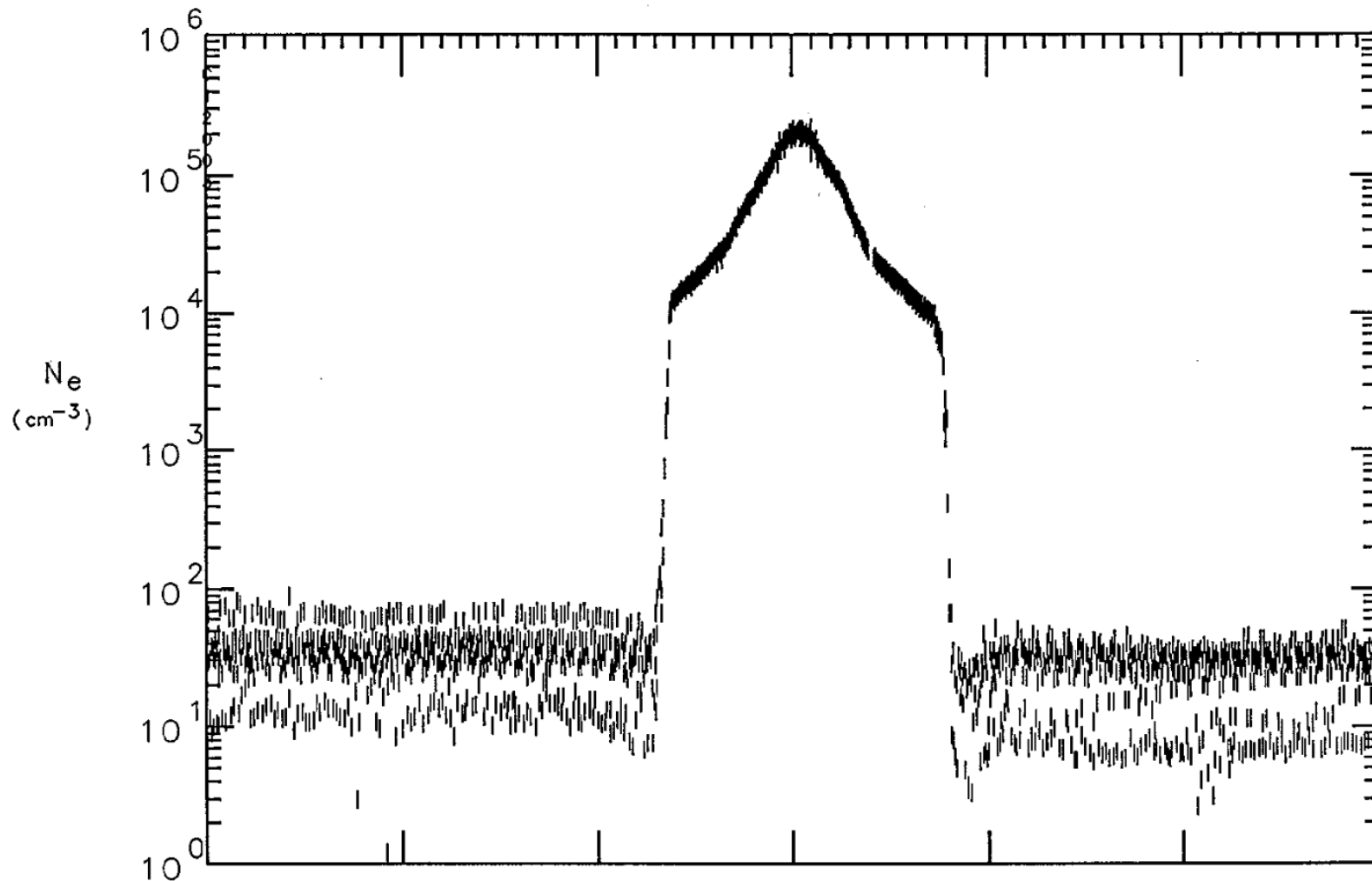
Universal Time, Day 80062

Ne hi-res Radial

Plotted:  
19-JUL-93  
15:19:02

33420	34020	34620	35220	35820	36420	37020
9:17	9:27	9:37	9:47	9:57	10: 7	10:17

secs  
hh:mm



ALT	6447	3765	1342	162	1237	3627	6306	km
LAT	64	74	60	15	-31	-58	-71	deg
LONG	-105	-146	139	114	100	83	53	deg
SZA	84	78	70	68	81	93	99	deg
LST	7.0	9.6	14.7	16.5	17.4	18.5	20.3	hr

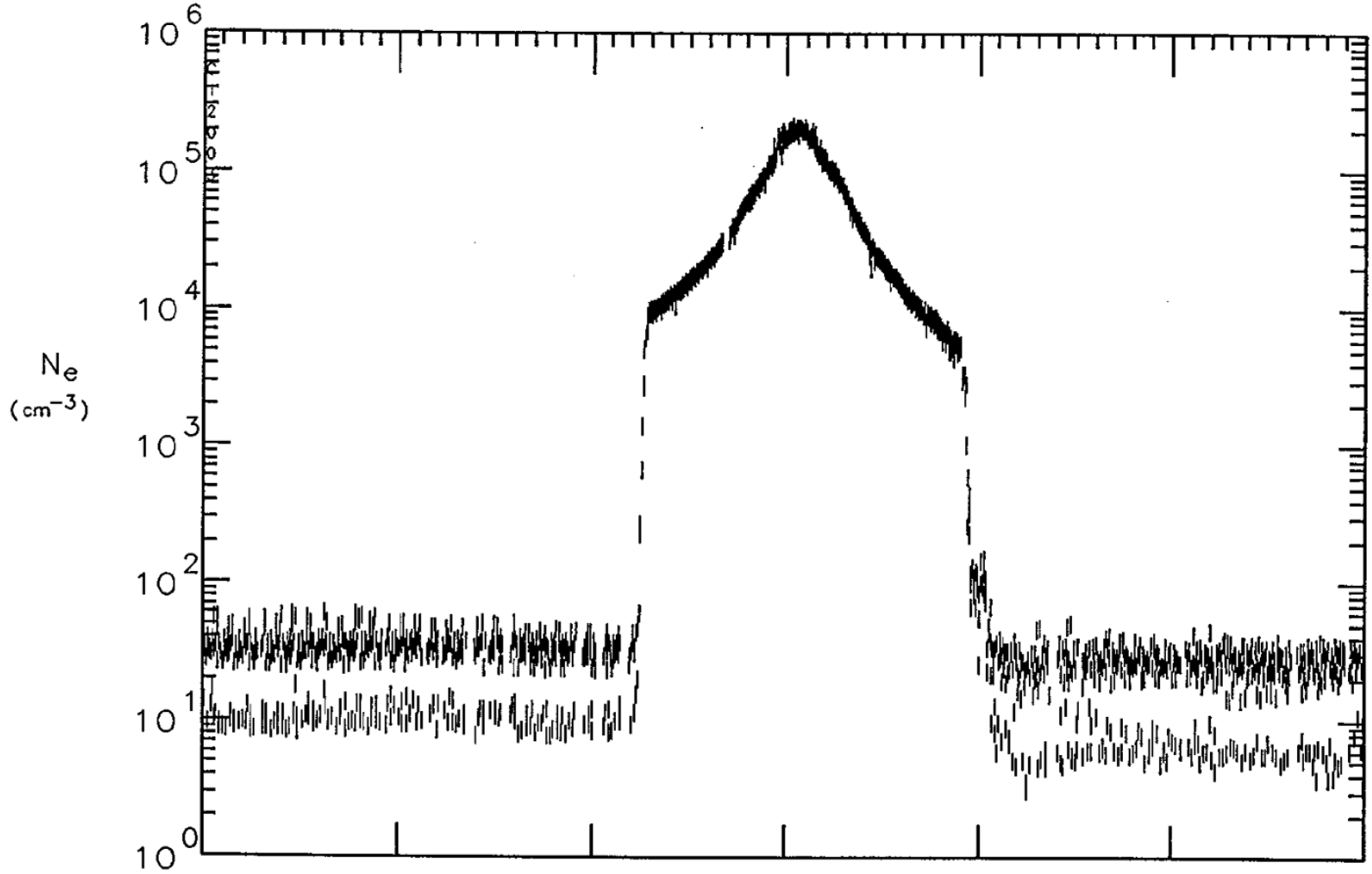
Universal Time, Day 80063

Ne hi-res Radial

Plotted:  
19-JUL-93  
15:26:34

33600	34200	34800	35400	36000	36600	37200
9:20	9:30	9:40	9:50	10:0	10:10	10:20

secs  
hh:mm



Orbit  
454

ALT	6495	3812	1378	162	1201	3580	6258	km
LAT	64	73	60	16	-30	-58	-71	deg
LONG	-103	-143	141	116	102	85	55	deg
SZA	83	78	70	69	82	93	99	deg
LST	7.1	9.6	14.8	16.5	17.5	18.6	20.4	hr

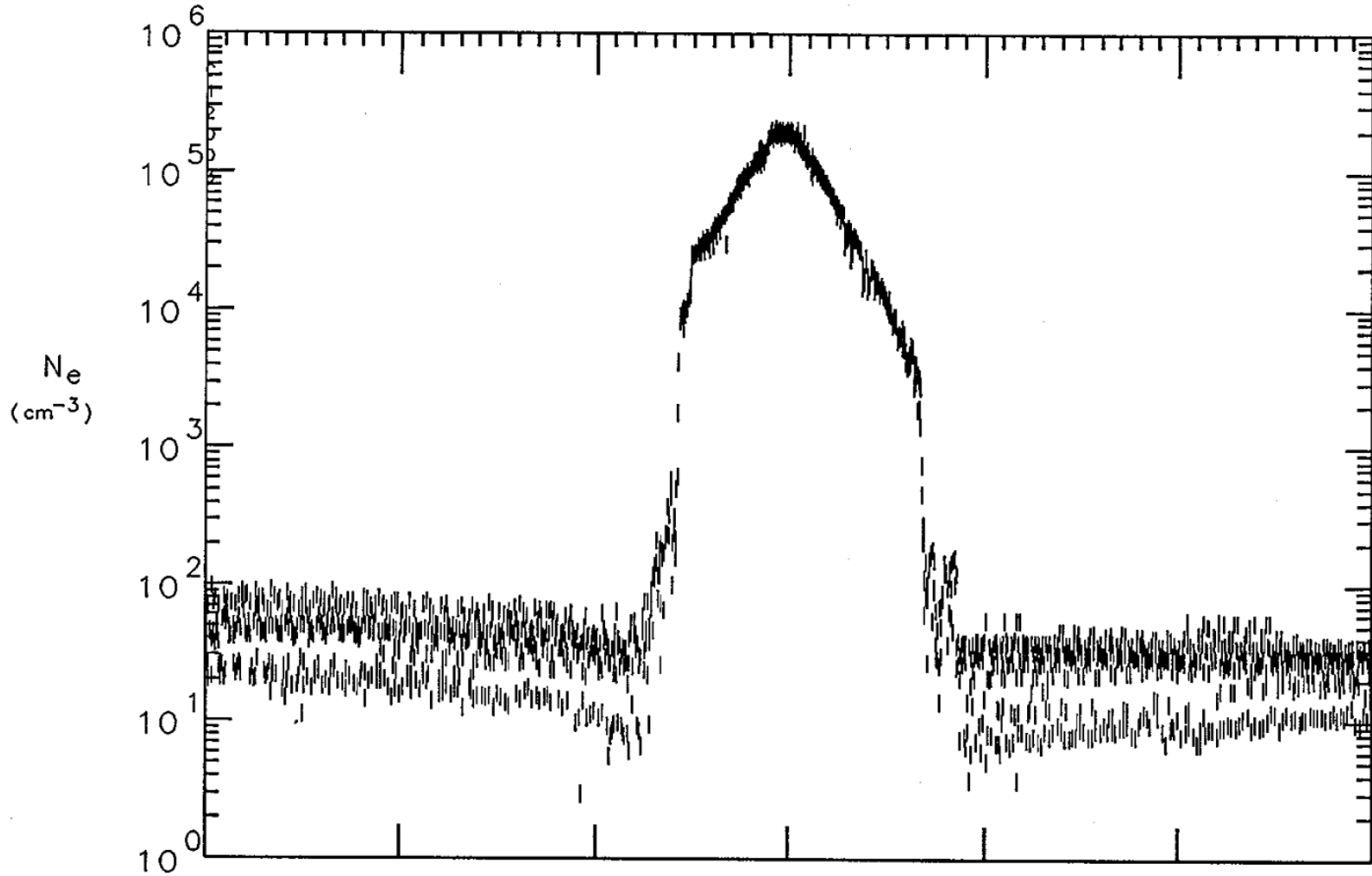
Universal Time, Day 80064

Ne hi-res Radial

Plotted:  
19-JUL-93  
15:33:45

33840	34440	35040	35640	36240	36840	37440
9:24	9:34	9:44	9:54	10: 4	10:14	10:24

secs  
hh:mm



ALT	6248	3569	1192	162	1386	3823	6506	km
LAT	65	74	57	11	-33	-60	-72	deg
LONG	-103	-149	139	116	102	84	53	deg
SZA	82	77	70	72	85	95	100	deg
LST	7.3	10.2	15.2	16.8	17.7	18.8	20.7	hr

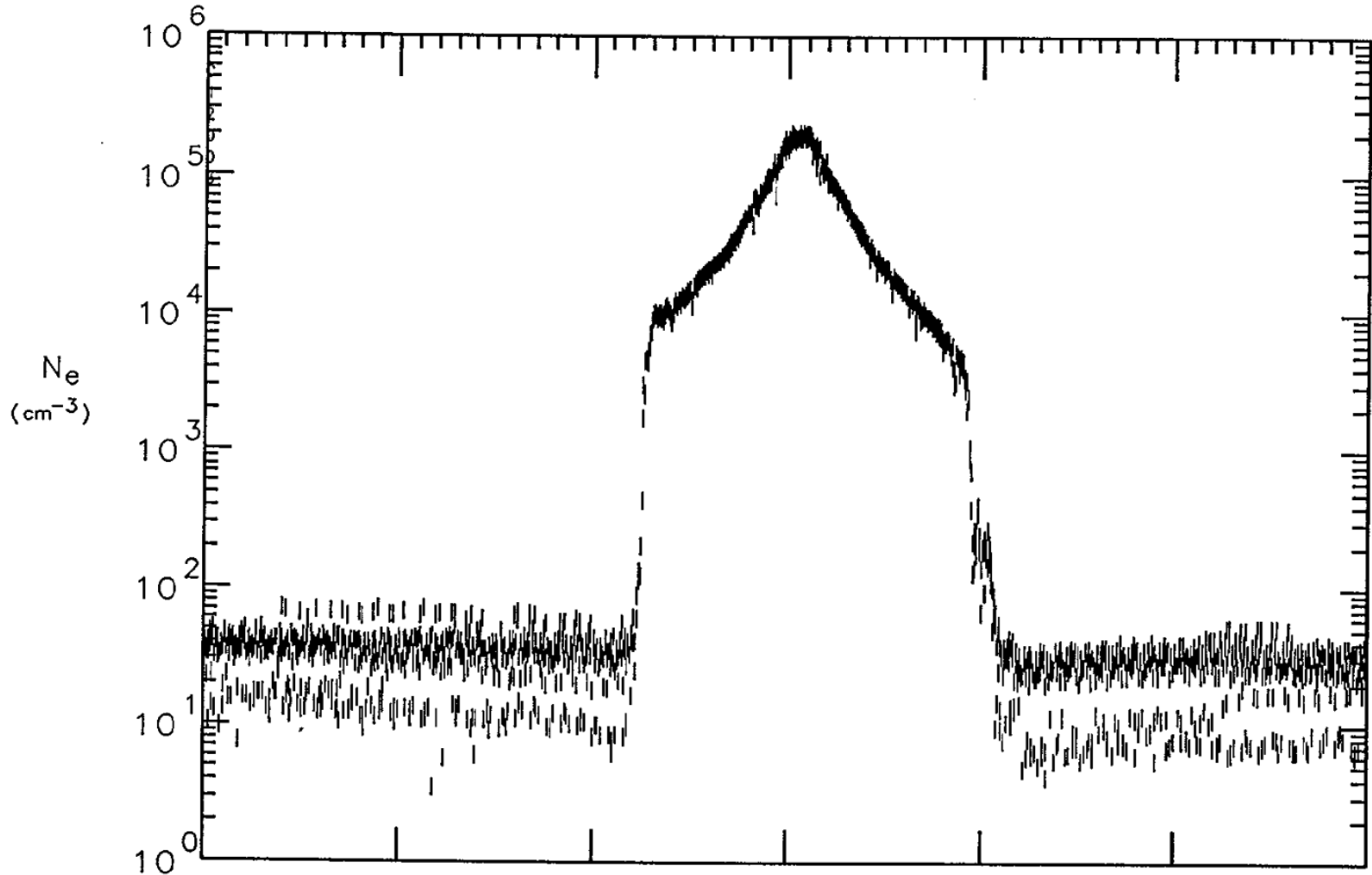
Universal Time, Day 80065

Ne hi-res Radial

Plotted:  
19-JUL-93  
15:41:10

33960	34560	35160	35760	36360	36960	37560
9:26	9:36	9:46	9:56	10: 6	10:16	10:26

secs  
hh:mm



Orbit  
456

ALT	6509	3825	1388	161	1190	3566	6244	km
LAT	64	73	60	16	-30	-58	-71	deg
LONG	-100	-140	145	119	105	88	58	deg
SZA	82	77	72	72	85	95	100	deg
LST	7.3	9.8	15.0	16.8	17.7	18.8	20.6	hr



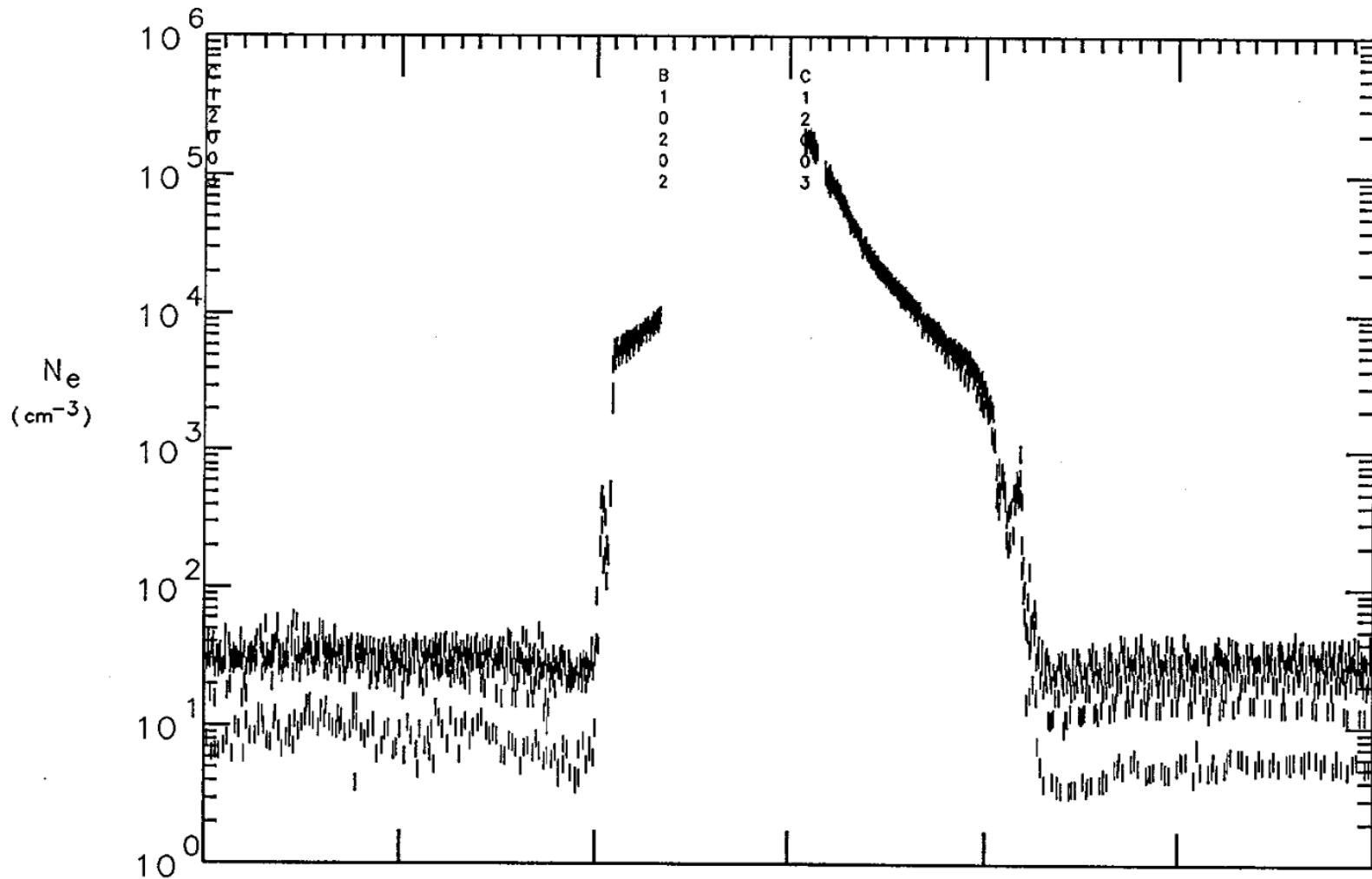
Universal Time, Day 80066

Ne hi-res Radial

Plotted:  
19-JUL-93  
15:48:25

34140	34740	35340	35940	36540	37140	37740
9:29	9:39	9:49	9:59	10: 9	10:19	10:29

secs  
hh:mm



Orbit  
457

ALT	6470	3794	1369	164	1203	3576	6248	km
LAT	64	74	60	16	-30	-58	-71	deg
LONG	-98	-139	146	121	107	89	60	deg
SZA	82	77	72	74	86	95	100	deg
LST	7.4	9.9	15.1	16.9	17.8	18.9	20.7	hr

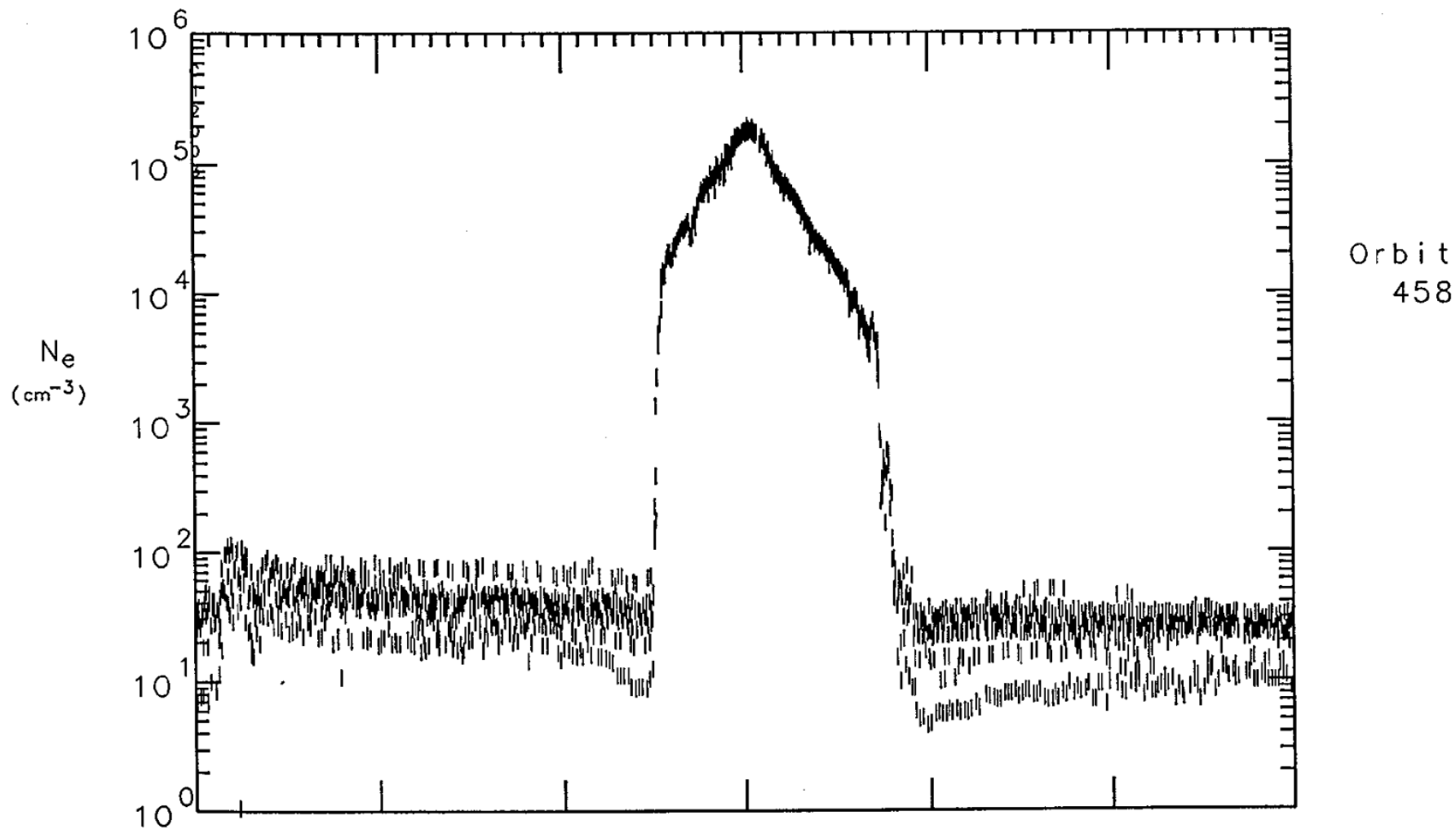
Universal Time, Day 80067

Ne hi-res Radial

Plotted:  
19-JUL-93  
15:54:39

34320	34920	35520	36120	36720	37320	37920
9:32	9:42	9:52	10: 2	10:12	10:22	10:32

secs  
hh:mm



ALT	6416	3734	1316	157	1257	3656	6337	km
LAT	64	74	59	15	-31	-59	-71	deg
LONG	-97	-139	146	122	108	90	60	deg
SZA	81	77	73	76	88	96	101	deg
LST	7.5	10.1	15.3	17.0	17.9	19.0	20.9	hr

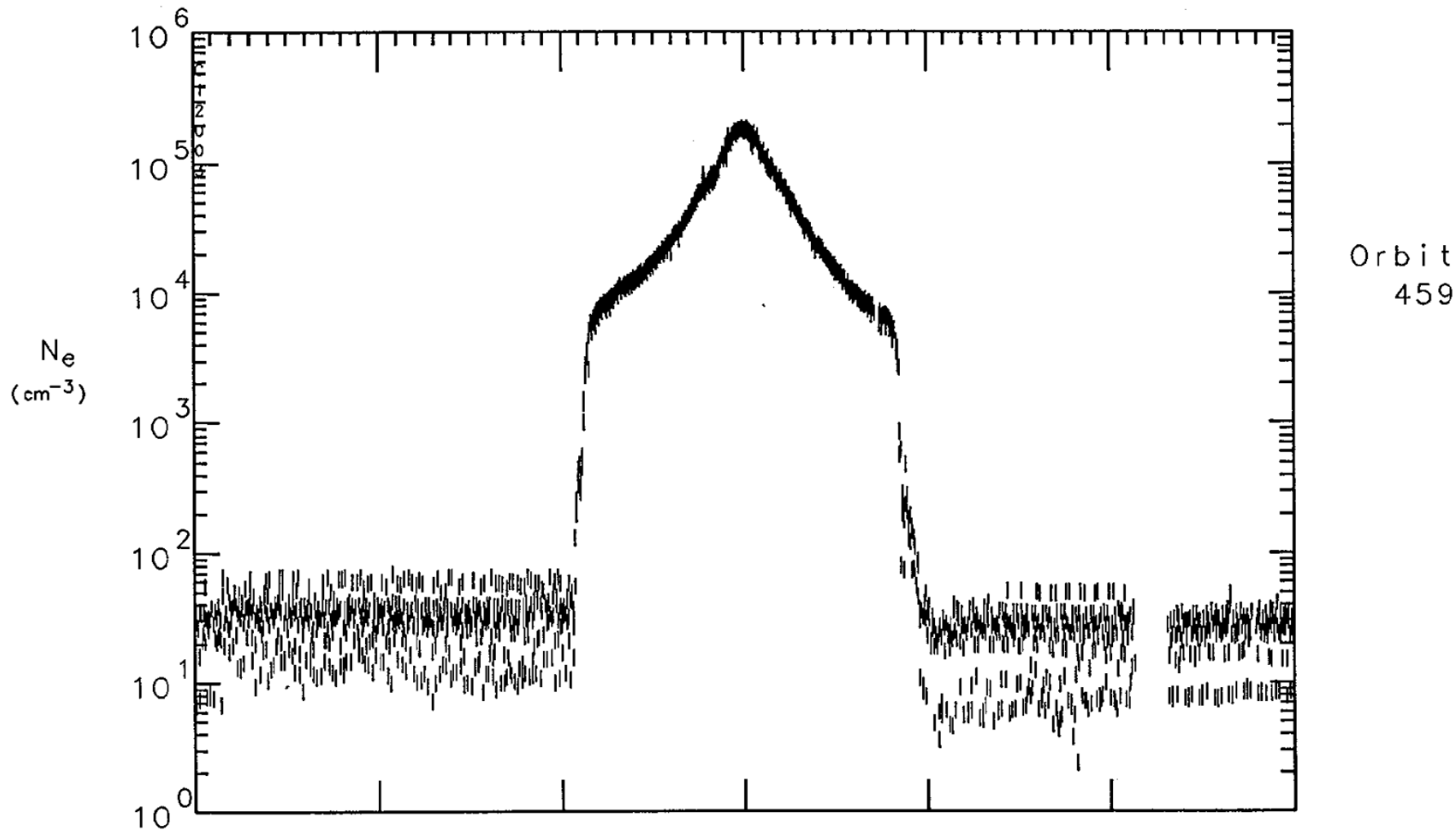
Universal Time, Day 80068

Ne hi-res Radiol

Plotted:  
19-JUL-93  
16:02:03

34500	35100	35700	36300	36900	37500	38100
9:35	9:45	9:55	10: 5	10:15	10:25	10:35

secs  
hh:mm



ALT	6331	3650	1251	156	1321	3740	6423	km
LAT	64	74	58	13	-32	-59	-72	deg
LONG	-96	-140	146	123	109	91	60	deg
SZA	80	77	74	78	90	97	101	deg
LST	7.7	10.4	15.5	17.2	18.1	19.2	21.0	hr

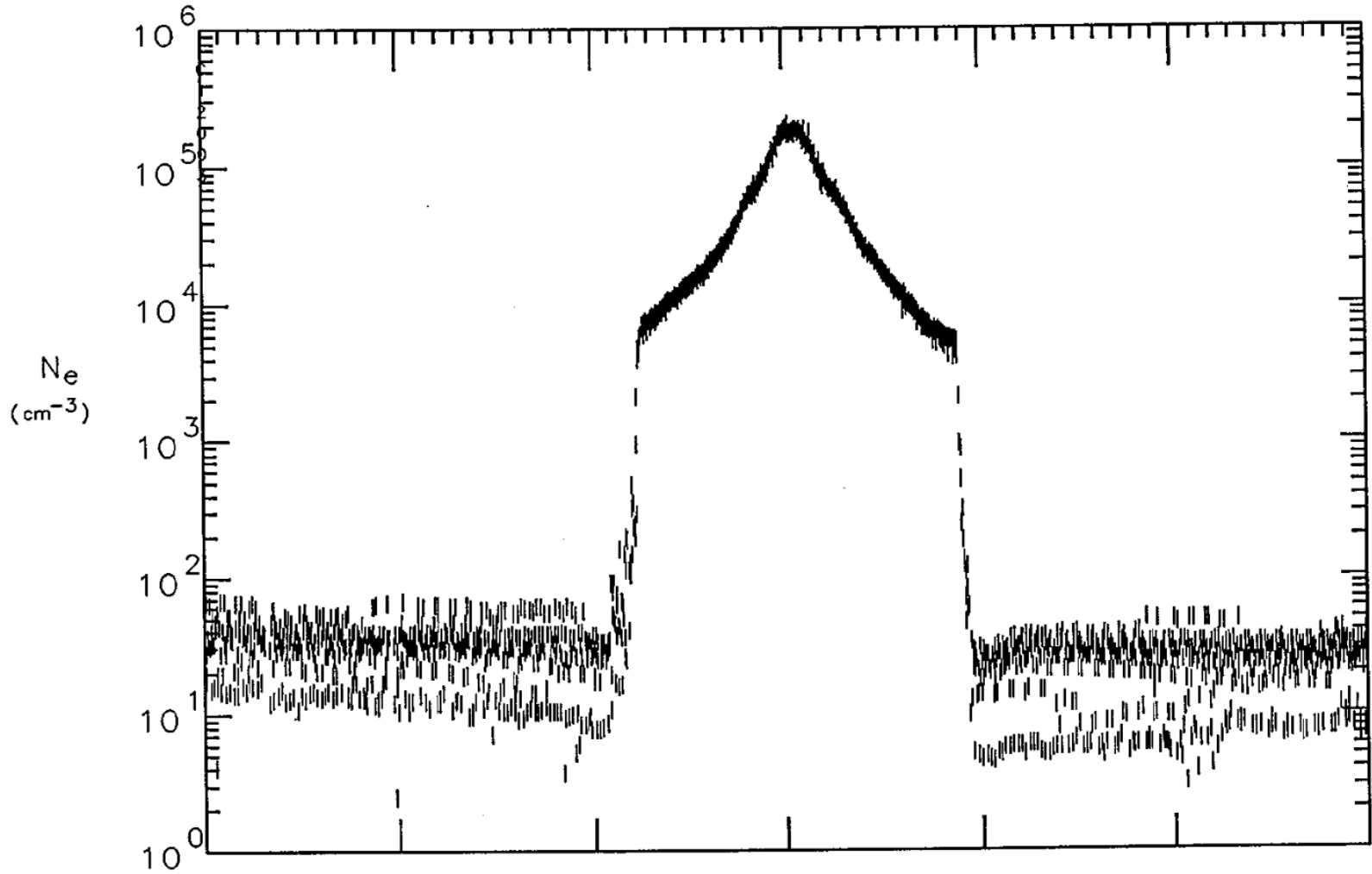
Universal Time, Day 80069

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:09:32

34620	35220	35820	36420	37020	37620	38220
9:37	9:47	9:57	10: 7	10:17	10:27	10:37

secs  
hh:mm



ALT	6486	3803	1369	158	1204	3587	6267	km
LAT	64	74	60	16	-30	-58	-71	deg
LONG	-94	-134	150	125	111	94	64	deg
SZA	80	77	74	79	90	98	101	deg
LST	7.7	10.2	15.5	17.2	18.1	19.2	21.0	hr

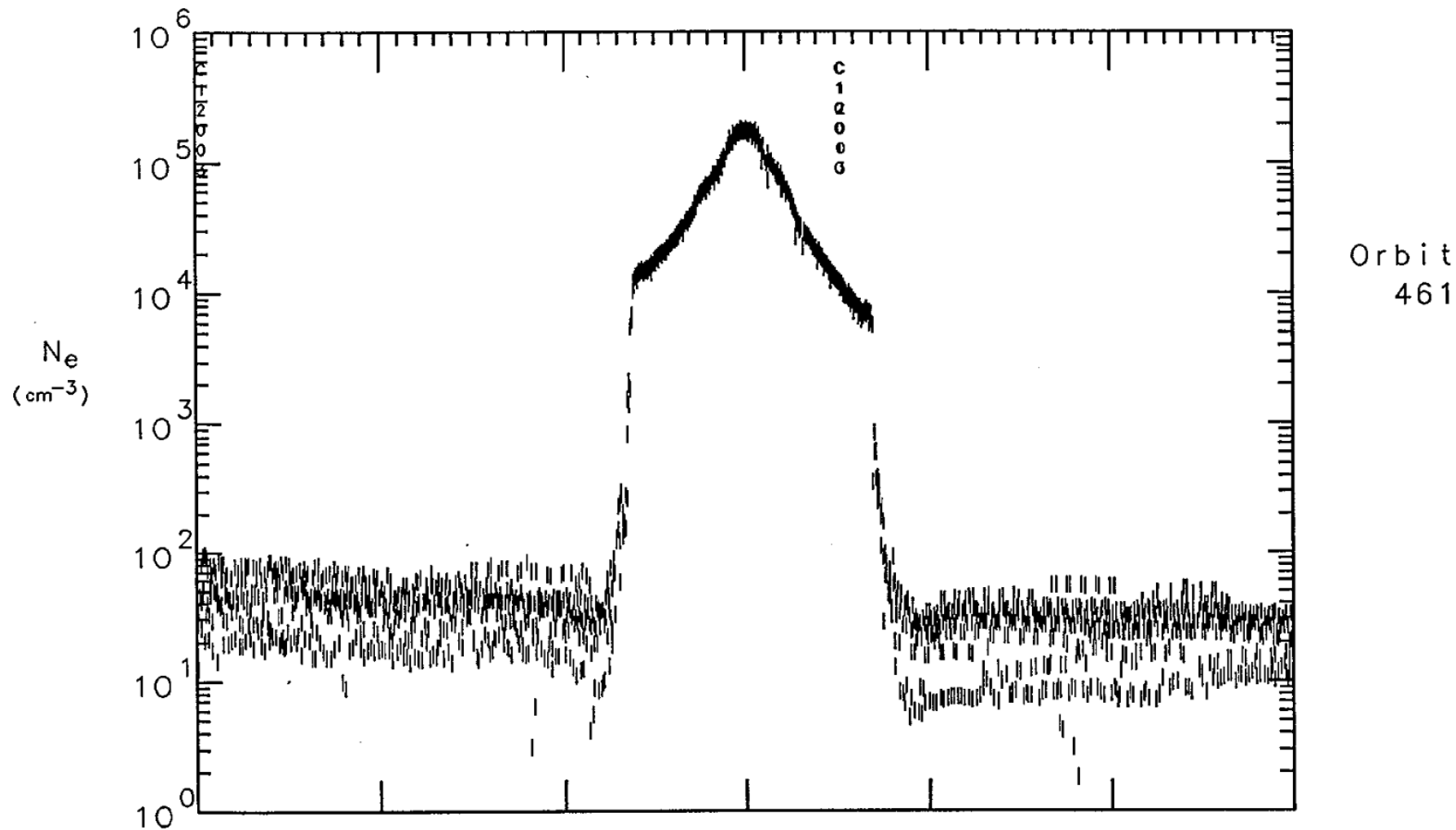
Universal Time, Day 80070

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:16:48

34800	35400	36000	36600	37200	37800	38400
9:40	9:50	10:00	10:10	10:20	10:30	10:40

secs  
hh:mm



ALT	6345	3664	1262	155	1309	3725	6408	km
LAT	64	74	59	13	-32	-59	-72	deg
LONG	-93	-137	149	126	112	94	64	deg
SZA	79	77	75	81	92	99	102	deg
LST	7.9	10.6	15.7	17.4	18.3	19.4	21.2	hr

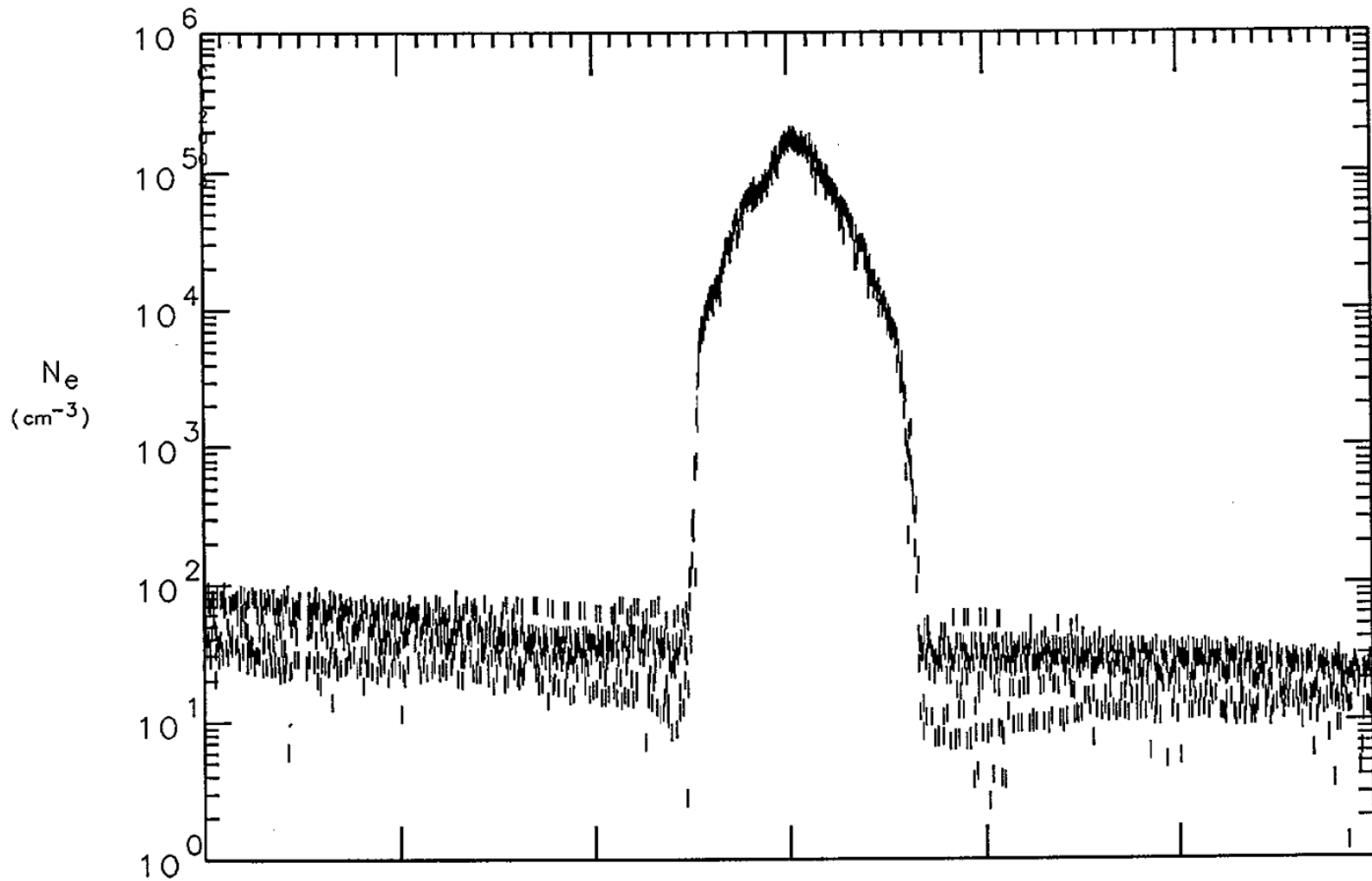
Universal Time, Day 80071

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:23:58

34920	35520	36120	36720	37320	37920	38520
9:42	9:52	10: 2	10:12	10:22	10:32	10:42

secs  
hh:mm



ALT	6447	3763	1338	155	1233	3626	6307	km
LAT	64	74	60	15	-31	-58	-71	deg
LONG	-91	-132	152	128	114	96	66	deg
SZA	79	77	76	82	93	99	102	deg
LST	7.9	10.5	15.7	17.4	18.4	19.5	21.3	hr

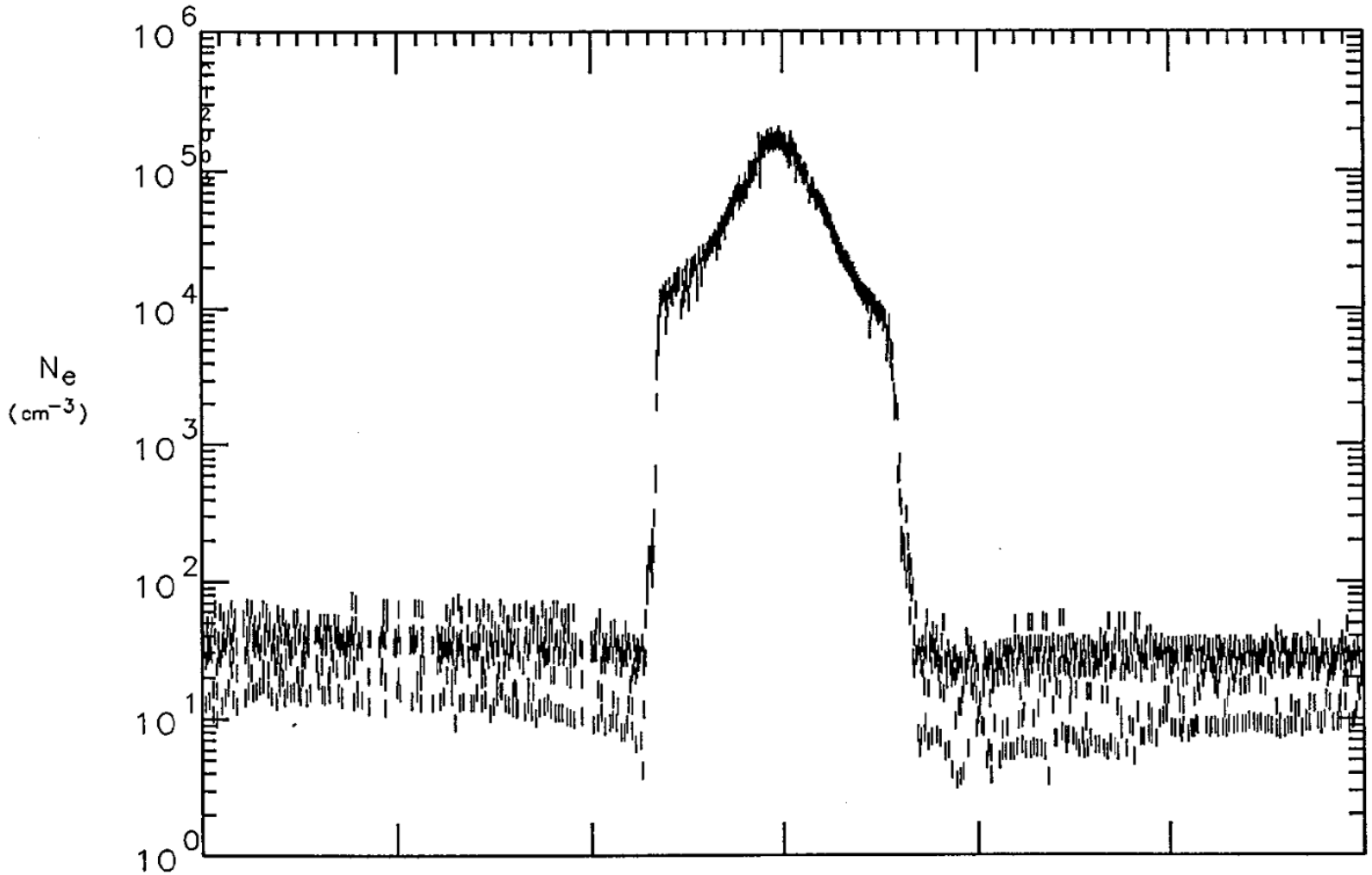
Universal Time, Day 80072

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:30:57

35100	35700	36300	36900	37500	38100	38700
9:45	9:55	10: 5	10:15	10:25	10:35	10:45

secs  
hh:mm



Orbit  
463

ALT	6254	3574	1193	157	1378	3816	6500	km
LAT	65	74	57	11	-33	-60	-72	deg
LONG	-91	-137	151	128	114	96	65	deg
SZA	78	76	77	84	95	100	102	deg
LST	8.1	11.0	16.0	17.6	18.5	19.7	21.5	hr

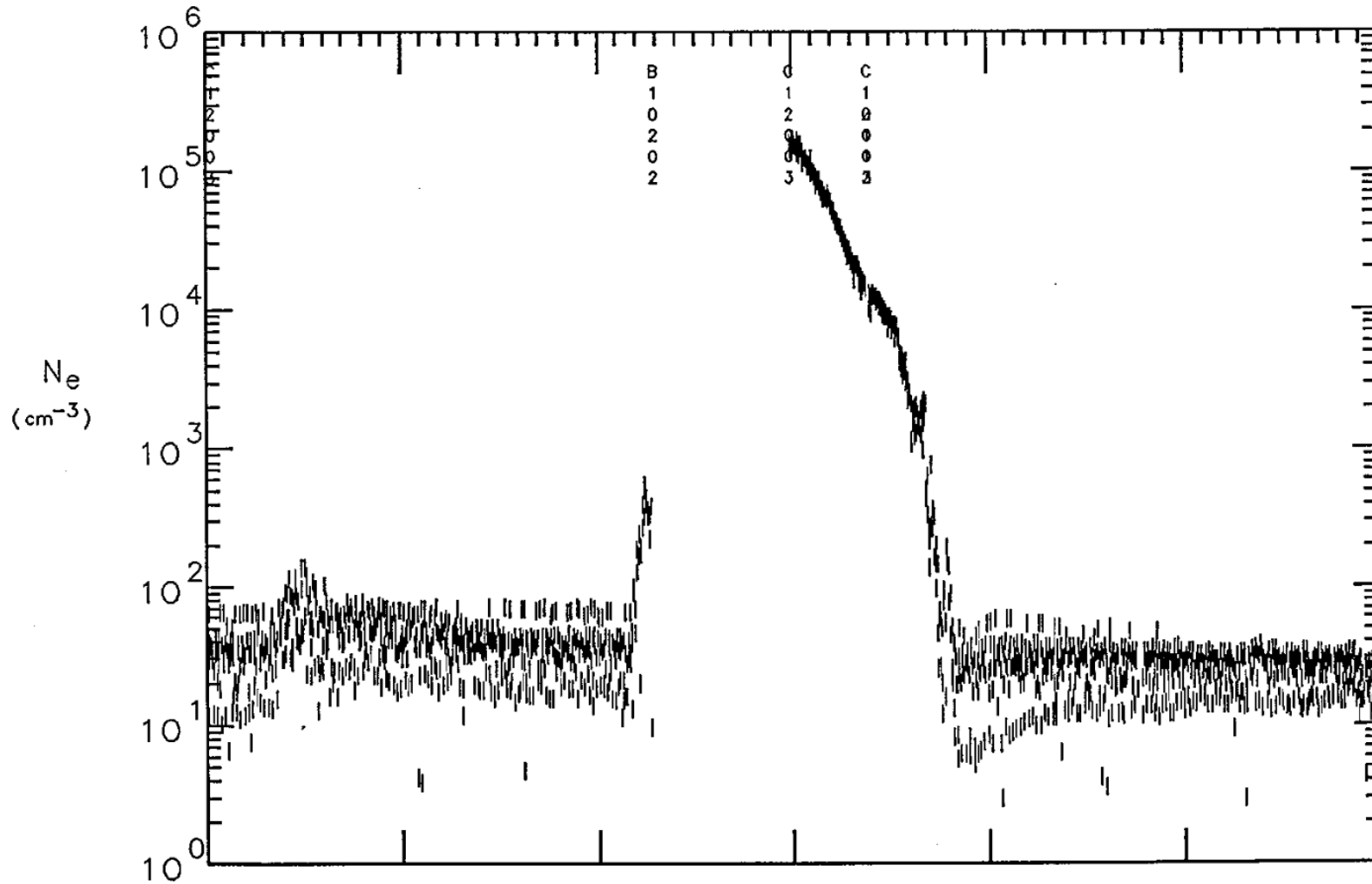
Universal Time, Day 80073

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:38:07

35220	35820	36420	37020	37620	38220	38820
9:47	9:57	10: 7	10:17	10:27	10:37	10:47

secs  
hh:mm



Orbit  
464

ALT	6306	3625	1232	155	1338	3764	6447	km
LAT	64	74	58	12	-33	-59	-72	deg
LONG	-89	-134	153	130	116	98	68	deg
SZA	77	76	77	86	96	101	102	deg
LST	8.2	11.0	16.1	17.7	18.6	19.7	21.6	hr



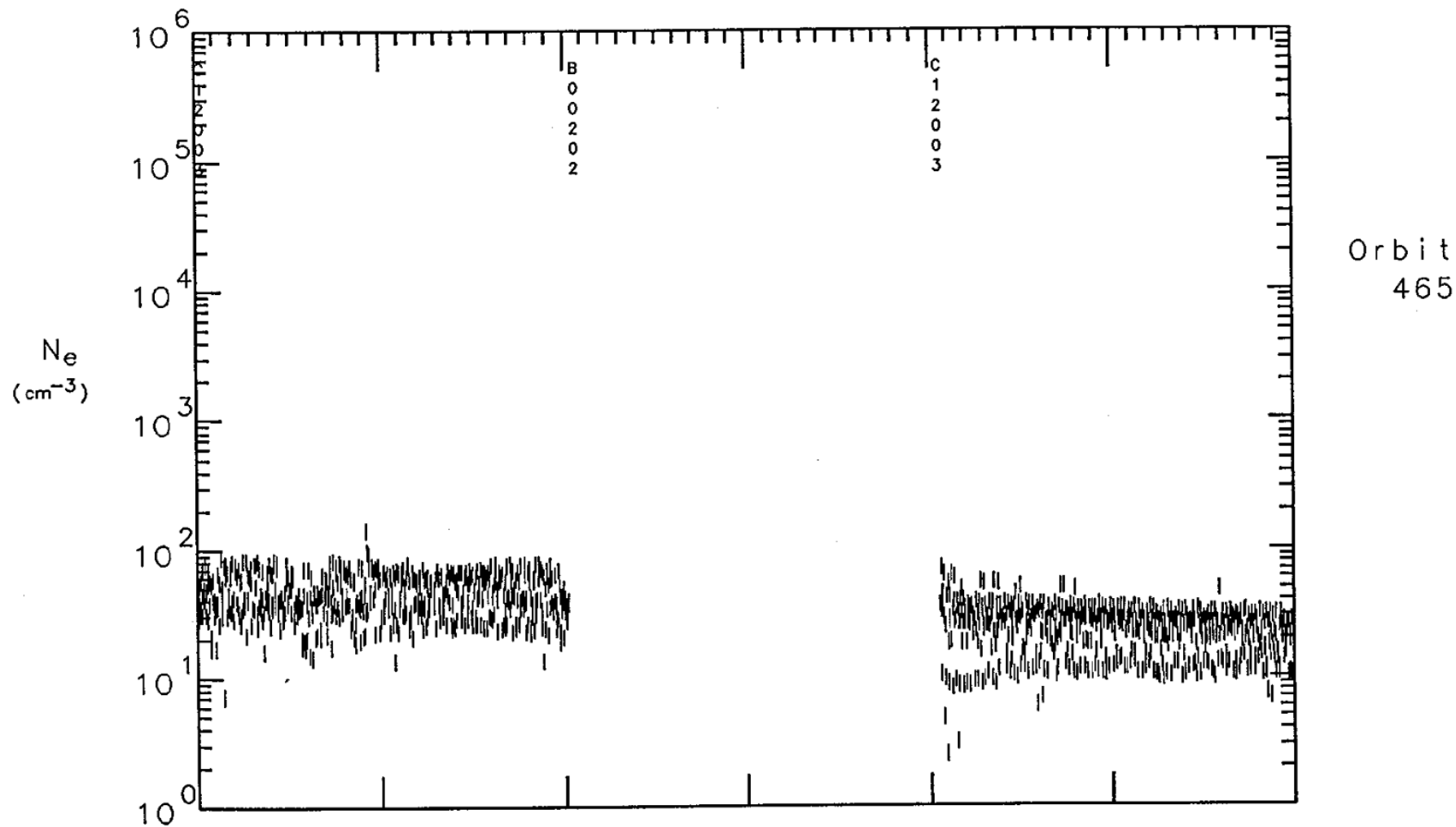
Universal Time, Day 80074

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:45:28

35340	35940	36540	37140	37740	38340	38940
9:49	9:59	10: 9	10:19	10:29	10:39	10:49

secs
hh:mm



Orbit  
465

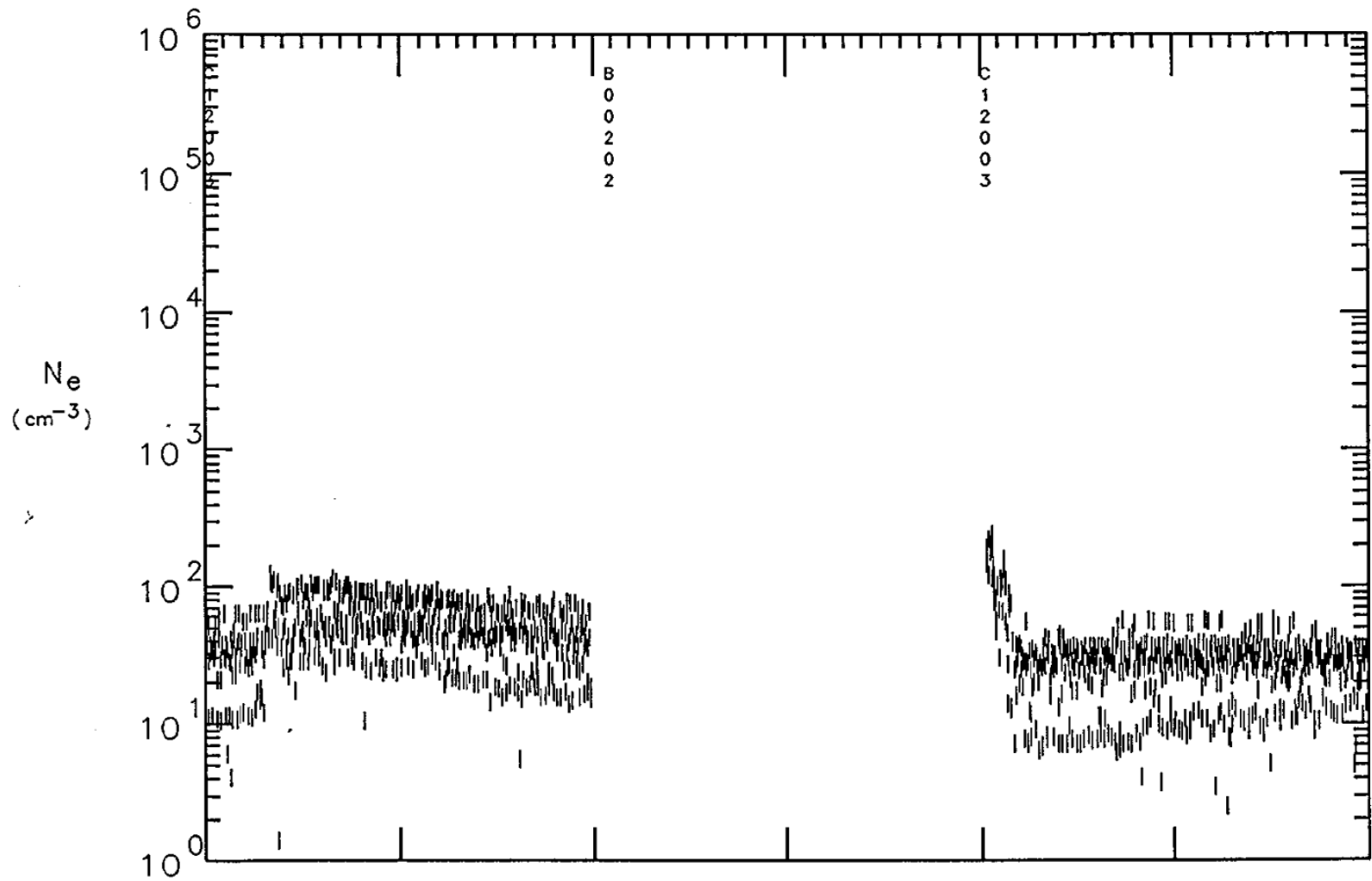
ALT	6336	3654	1254	154	1315	3734	6418	km
LAT	64	74	59	13	-32	-59	-72	deg
LONG	-87	-131	155	132	118	100	69	deg
SZA	77	76	78	87	98	102	103	deg
LST	8.3	11.0	16.2	17.8	18.7	19.8	21.7	hr

Universal Time, Day 80075

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:51:54

35460	36060	36660	37260	37860	38460	39060	secs
9:51	10: 1	10:11	10:21	10:31	10:41	10:51	hh:mm



Orbit  
466

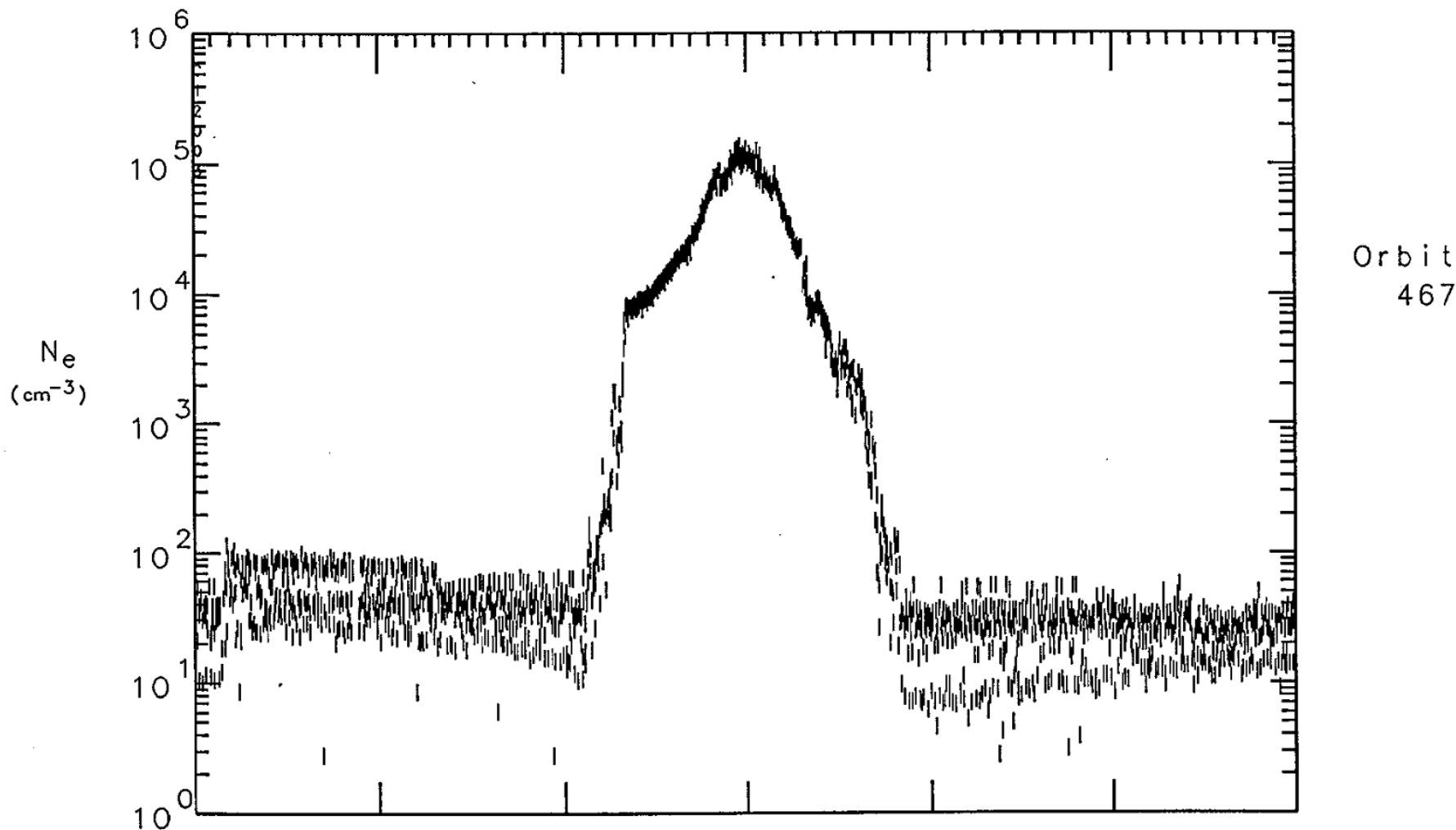
ALT	6348	3666	1263	153	1305	3722	6405	km
LAT	64	74	59	13	-32	-59	-72	deg
LONG	-85	-129	157	133	119	101	71	deg
SZA	76	76	79	89	99	102	103	deg
LST	8.4	11.1	16.3	17.9	18.8	19.9	21.8	hr

Universal Time, Day 80076

Ne hi-res Radial

Plotted:  
19-JUL-93  
16:59:03

35580	36180	36780	37380	37980	38580	39180	secs
9:53	10: 3	10:13	10:23	10:33	10:43	10:53	hh:mm



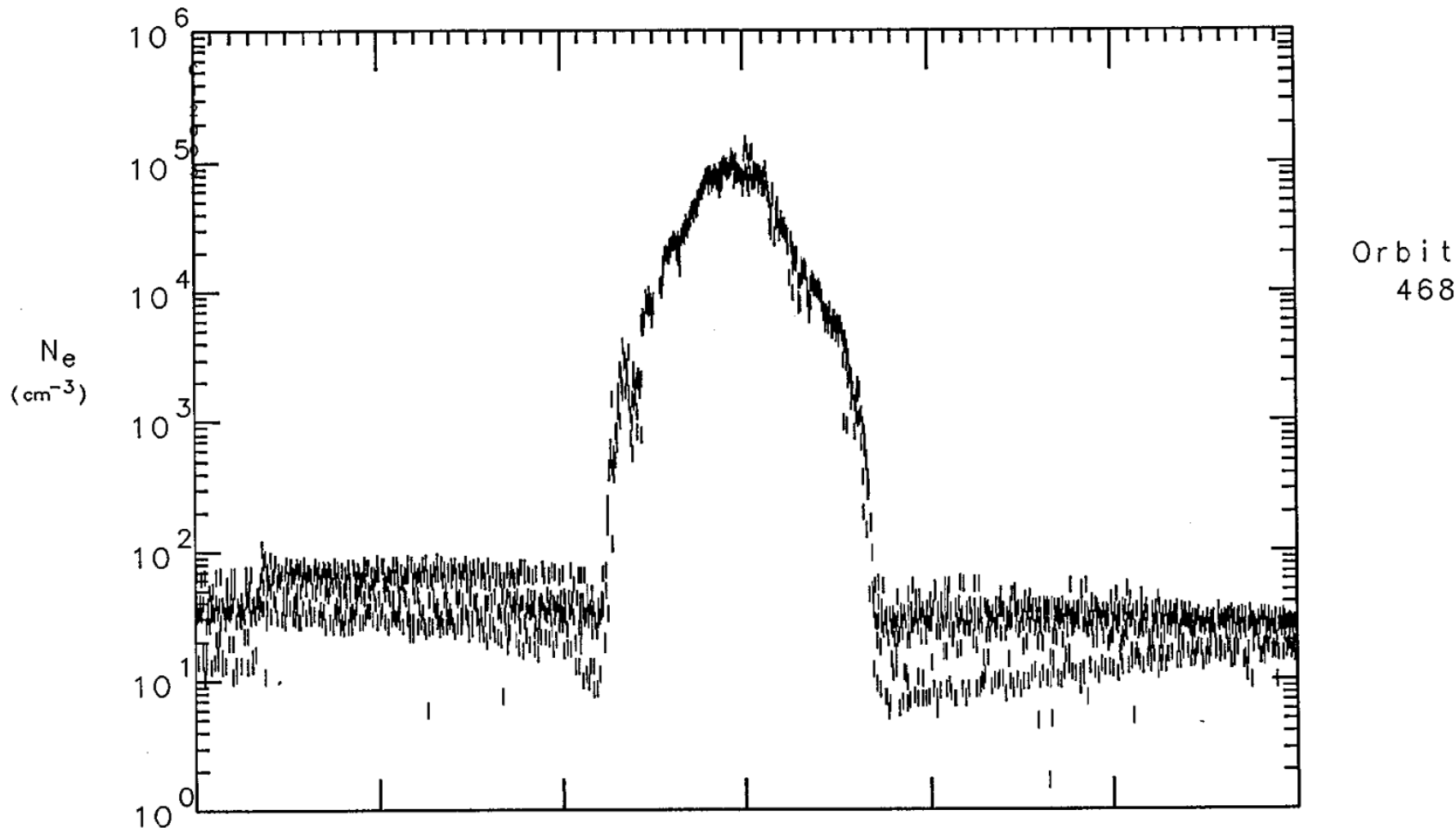
ALT	6341	3659	1257	153	1311	3729	6413	km
LAT	64	74	59	13	-32	-59	-72	deg
LONG	-84	-128	158	135	121	103	73	deg
SZA	76	76	80	90	100	103	103	deg
LST	8.5	11.2	16.4	18.0	18.9	20.0	21.9	hr

Universal Time, Day 80077

Ne hi-res Radial

Plotted:  
19-JUL-93  
17:06:45

35700	36300	36900	37500	38100	38700	39300	secs
9:55	10: 5	10:15	10:25	10:35	10:45	10:55	hh:mm



ALT	6316	3635	1239	154	1330	3754	6437	km
LAT	64	74	58	13	-33	-59	-72	deg
LONG	-83	-127	159	136	122	104	74	deg
SZA	75	76	81	92	102	104	103	deg
LST	8.6	11.4	16.5	18.1	19.0	20.2	22.0	hr

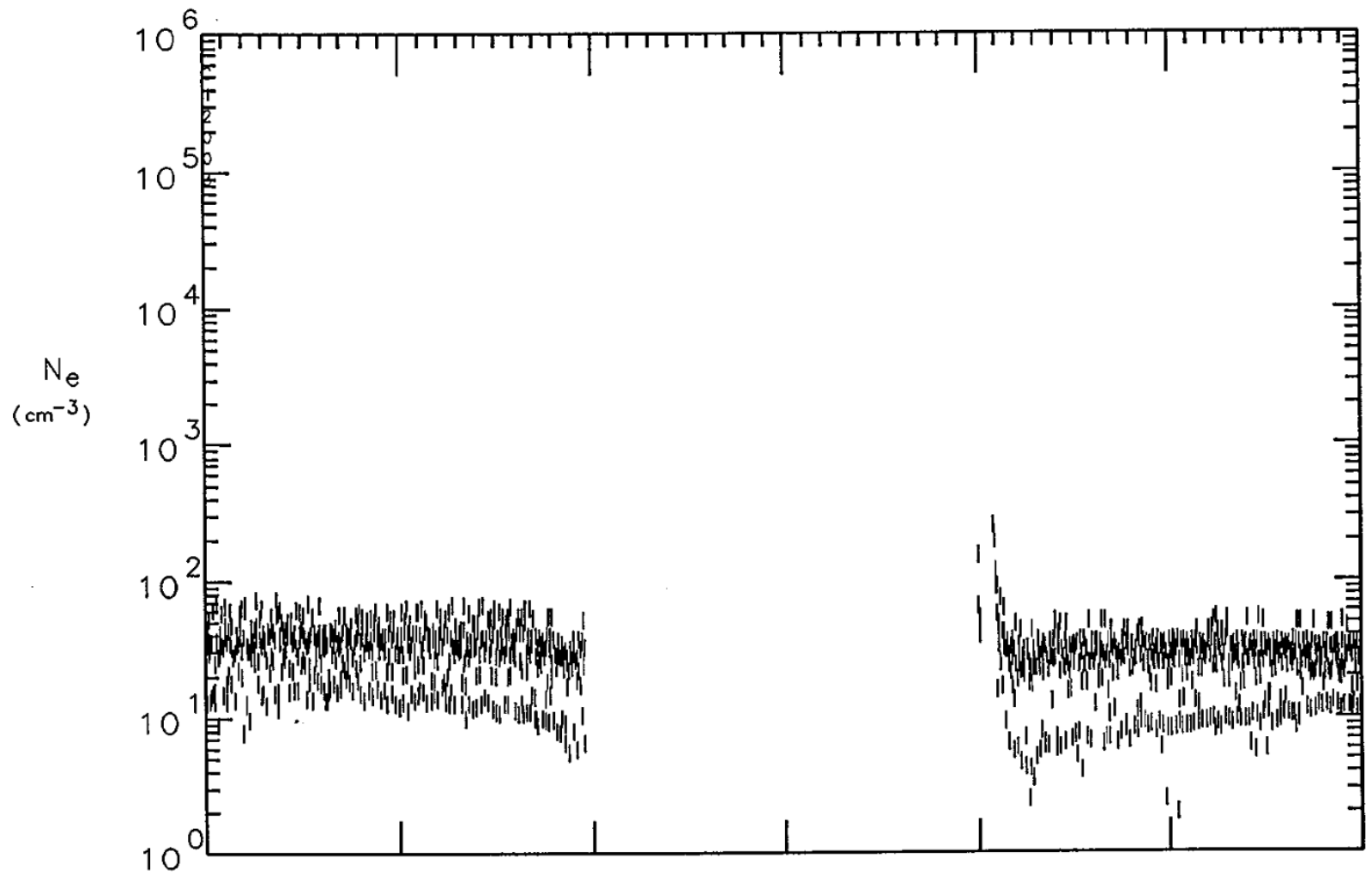
Universal Time, Day 80078

Ne hi-res Radial

Plotted:  
19-JUL-93  
17:14:38

35820	36420	37020	37620	38220	38820	39420
9:57	10: 7	10:17	10:27	10:37	10:47	10:57

secs  
hh:mm



Orbit  
469

ALT	6280	3599	1212	155	1358	3790	6474	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	-82	-127	160	137	123	105	75	deg
SZA	75	76	82	94	103	104	103	deg
LST	8.8	11.6	16.7	18.3	19.2	20.3	22.2	hr

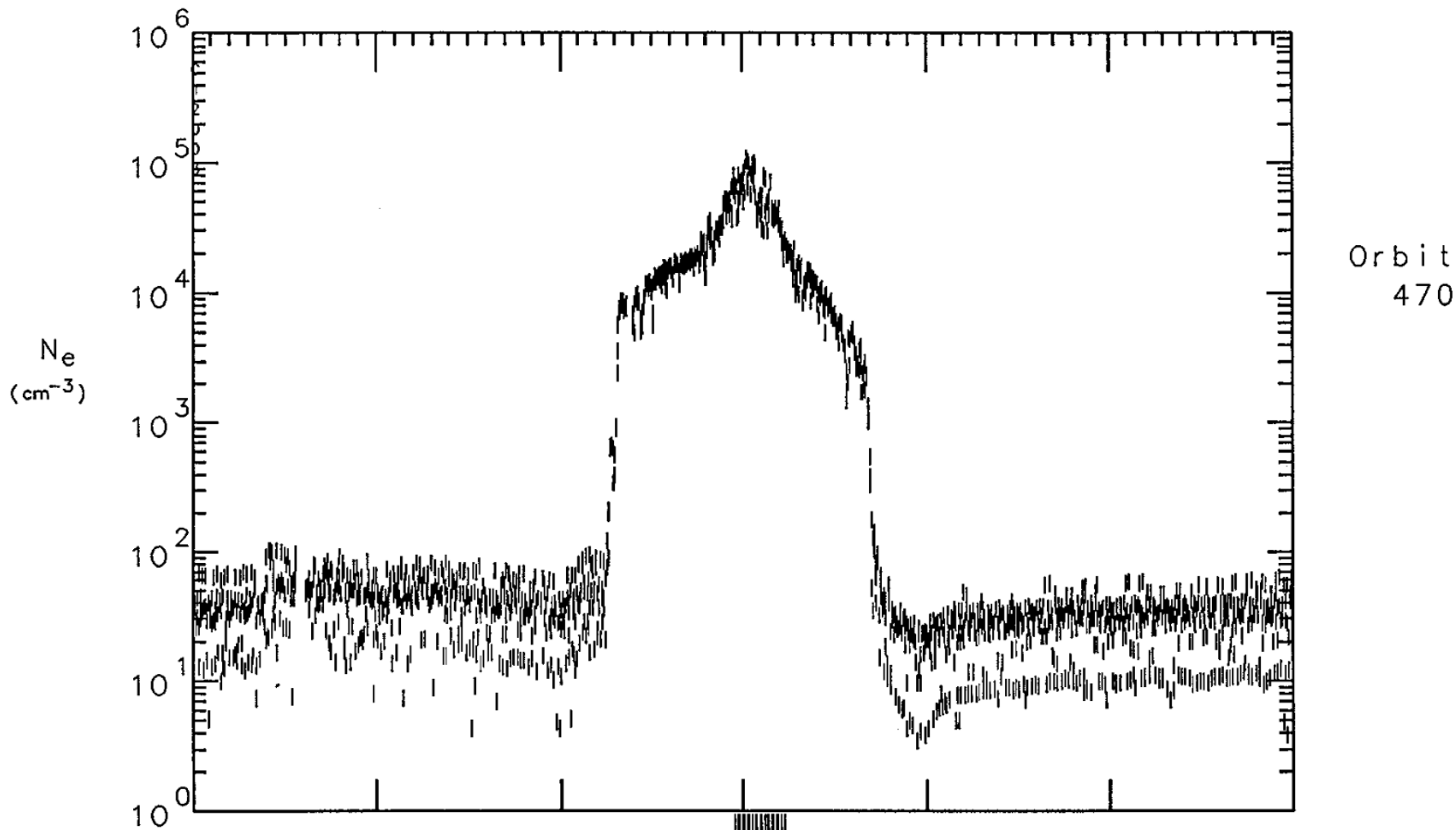
Universal Time, Day 80079

Ne hi-res Radial

Plotted:  
19-JUL-93  
17:20:56

35880	36480	37080	37680	38280	38880	39480
9:58	10: 8	10:18	10:28	10:38	10:48	10:58

secs  
hh:mm



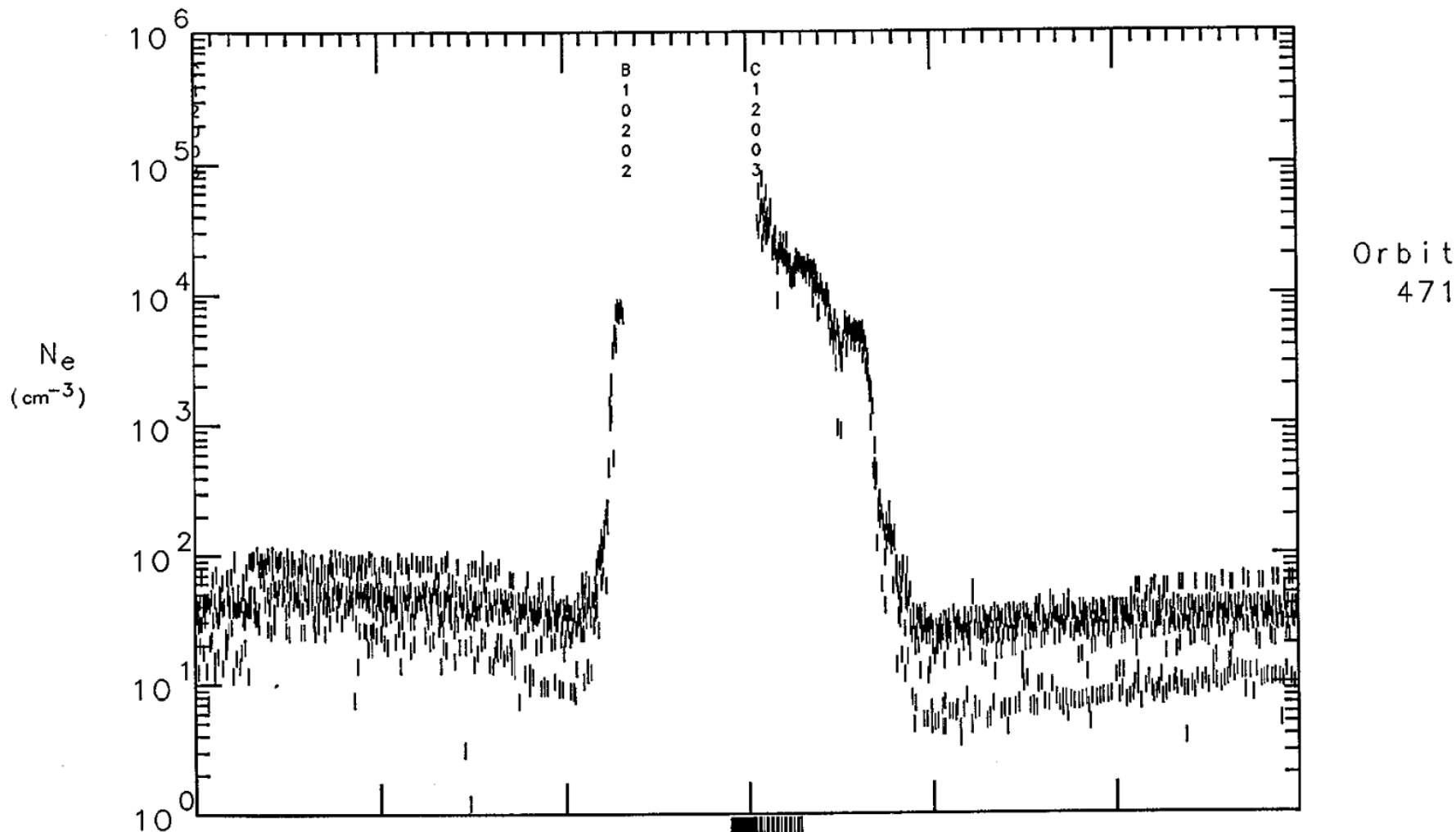
ALT	6502	3818	1380	157	1191	3571	6251	km
LAT	64	74	61	16	-30	-58	-71	deg
LONG	-78	-119	165	140	126	109	79	deg
SZA	74	76	82	94	104	105	104	deg
LST	8.8	11.3	16.5	18.3	19.2	20.3	22.1	hr

Universal Time, Day 80080

Ne hi-res Radial

Plotted:  
19-JUL-93  
17:33:38

36000	36600	37200	37800	38400	39000	39600	secs
10: 0	10:10	10:20	10:30	10:40	10:50	11: 0	hh:mm



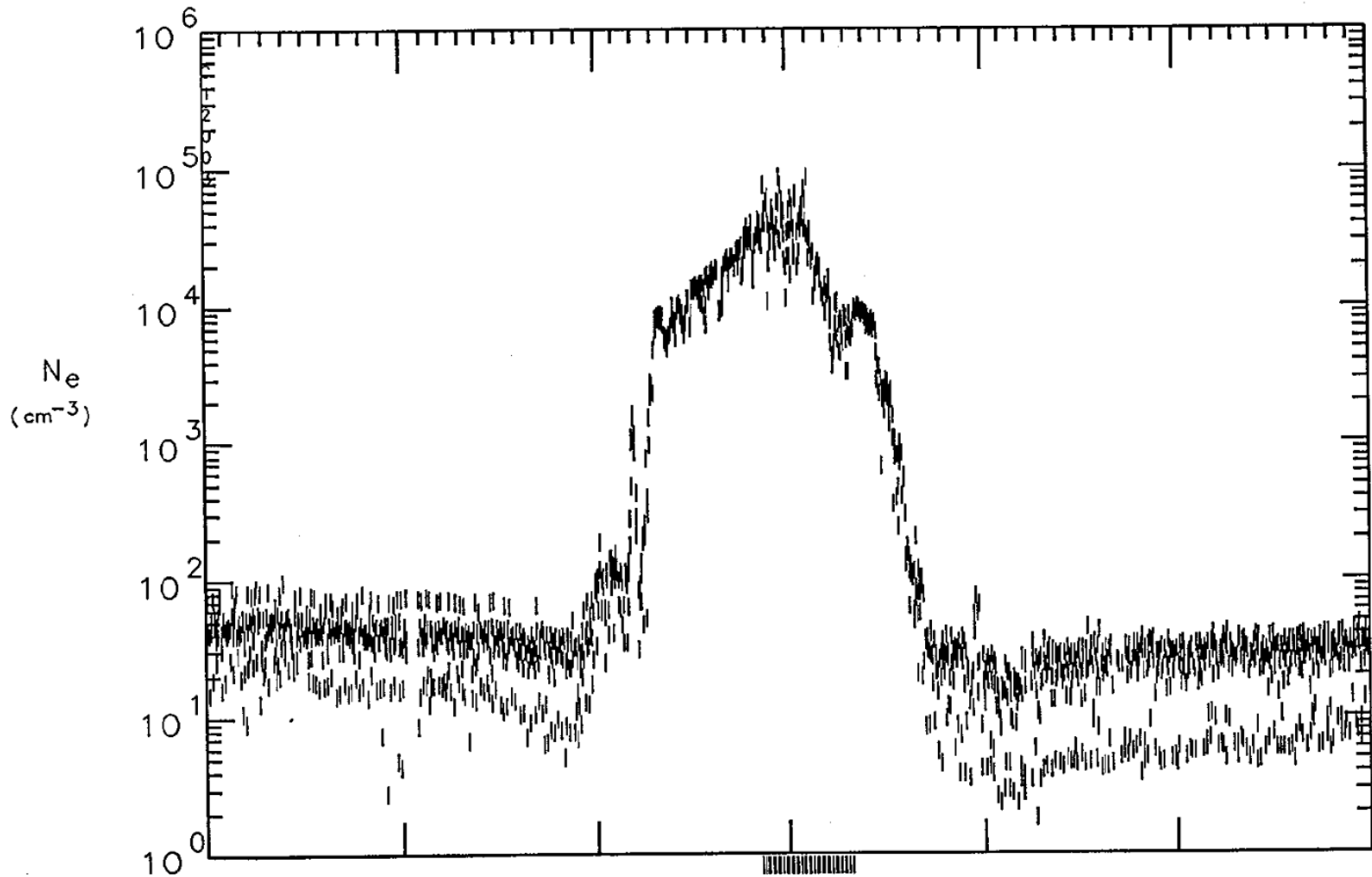
ALT	6451	3768	1341	155	1229	3621	6302	km
LAT	64	74	60	15	-31	-58	-71	deg
LONG	-77	-119	166	141	127	110	80	deg
SZA	74	76	83	96	105	106	104	deg
LST	8.9	11.5	16.7	18.4	19.3	20.4	22.2	hr

Universal Time, Day 80081

Ne hi-res Radial

Plotted:  
19-JUL-93  
17:41:10

36120	36720	37320	37920	38520	39120	39720	secs
10: 2	10:12	10:22	10:32	10:42	10:52	11: 2	hh:mm



Orbit  
472

ALT	6395	3713	1299	155	1271	3676	6358	km
LAT	64	74	59	14	-31	-59	-71	deg
LONG	-76	-119	167	142	128	111	81	deg
SZA	73	76	84	98	107	106	104	deg
LST	9.0	11.7	16.9	18.5	19.4	20.6	22.4	hr

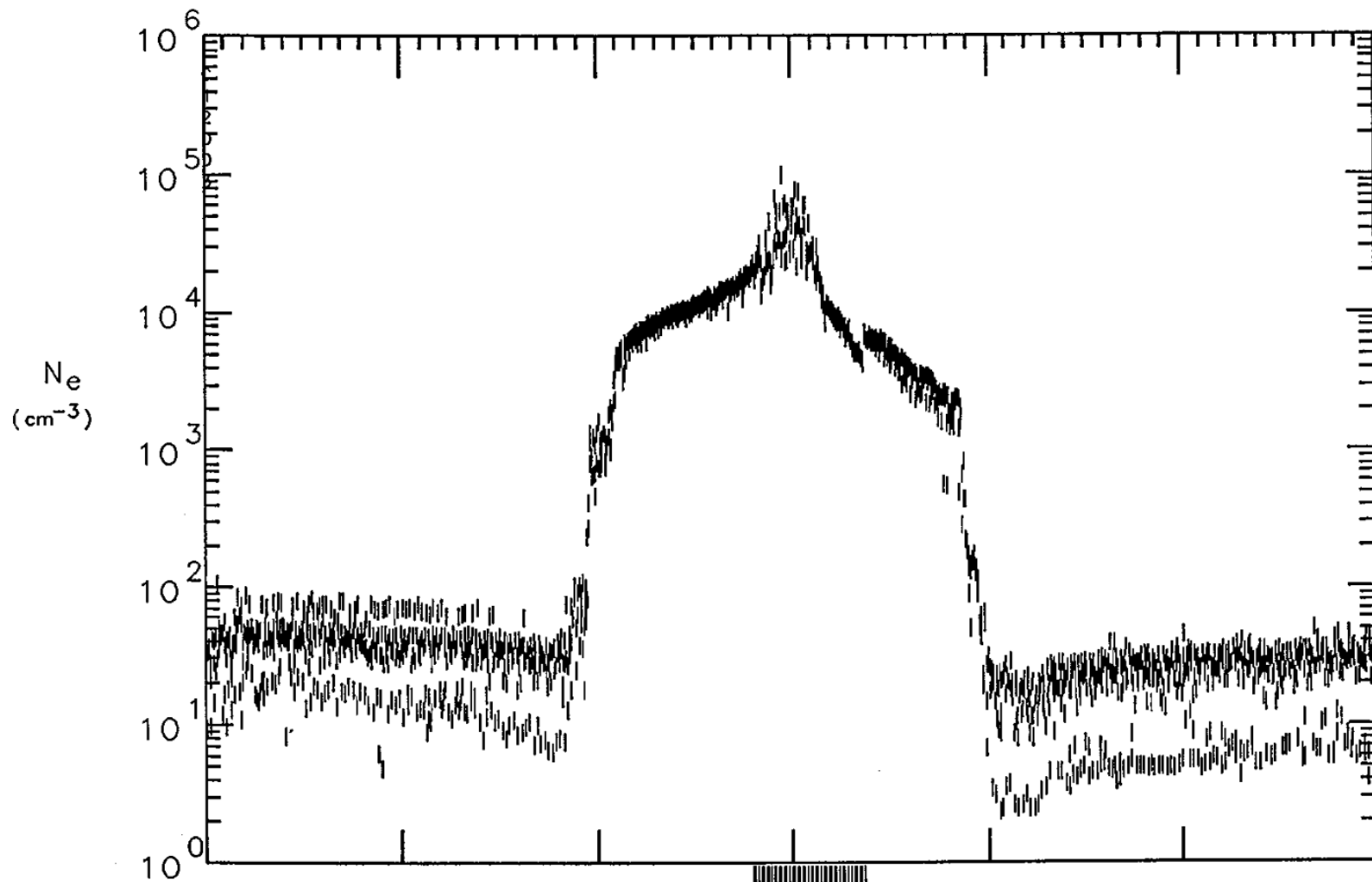


Universal Time, Day 80082

Ne hi-res Radial

Plotted:  
19-JUL-93  
17:48:48

36240	36840	37440	38040	38640	39240	39840	secs
10: 4	10:14	10:24	10:34	10:44	10:54	11: 4	hh:mm



Orbit  
473

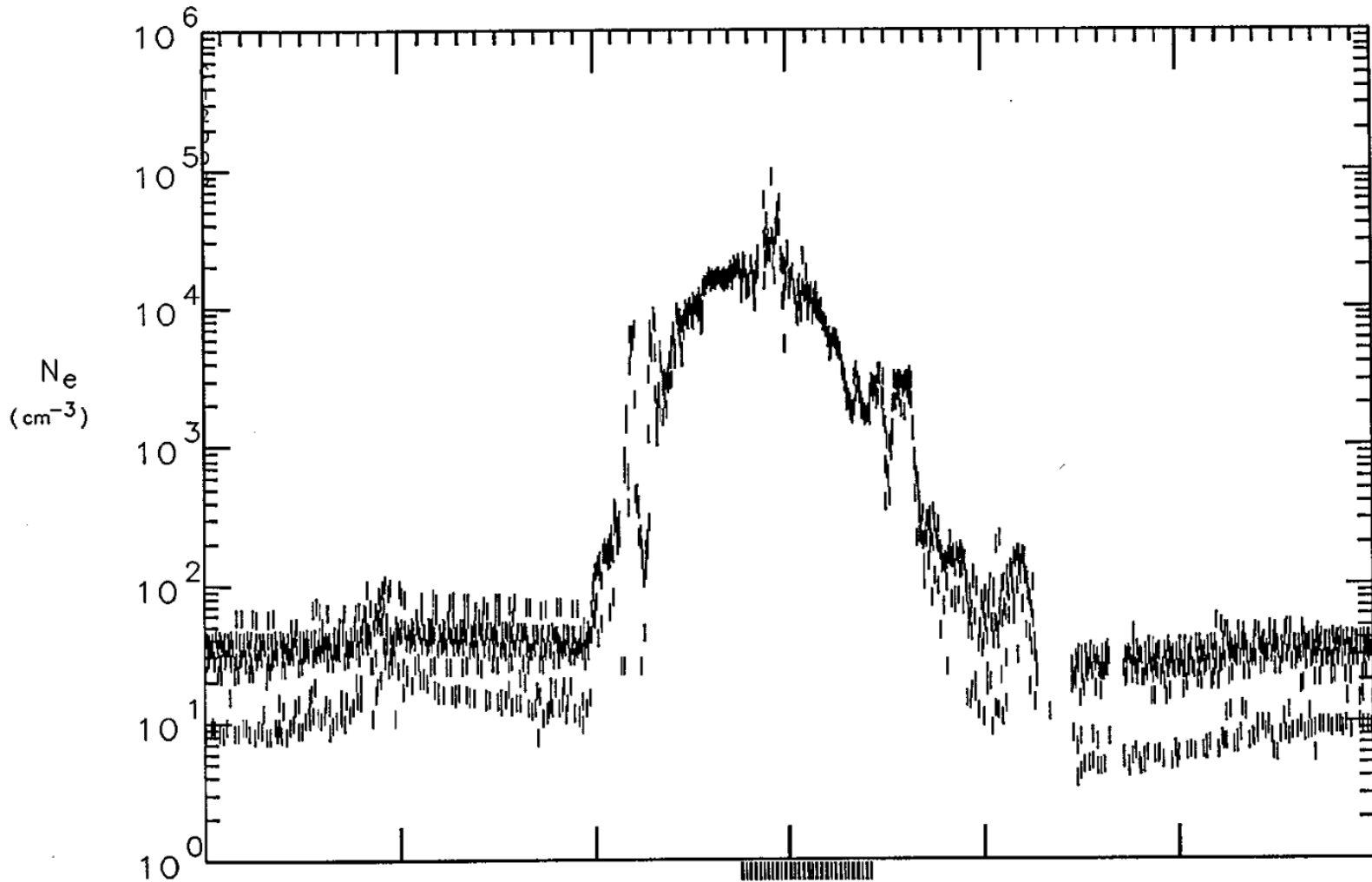
ALT	6333	3651	1253	156	1319	3738	6420	km
LAT	64	74	58	13	-32	-59	-72	deg
LONG	-75	-119	167	144	130	112	81	deg
SZA	73	76	85	100	108	107	104	deg
LST	9.2	11.9	17.0	18.7	19.6	20.7	22.5	hr

Universal Time, Day 80083

Ne hi-res Radial

Plotted:  
19-JUL-93  
17:56:46

36360	36960	37560	38160	38760	39360	39960	secs
10: 6	10:16	10:26	10:36	10:46	10:56	11: 6	hh:mm



Orbit  
474

ALT	6266	3587	1204	159	1370	3803	6486	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	-74	-120	168	145	131	113	82	deg
SZA	72	77	86	102	109	108	104	deg
LST	9.3	12.1	17.2	18.8	19.7	20.8	22.7	hr

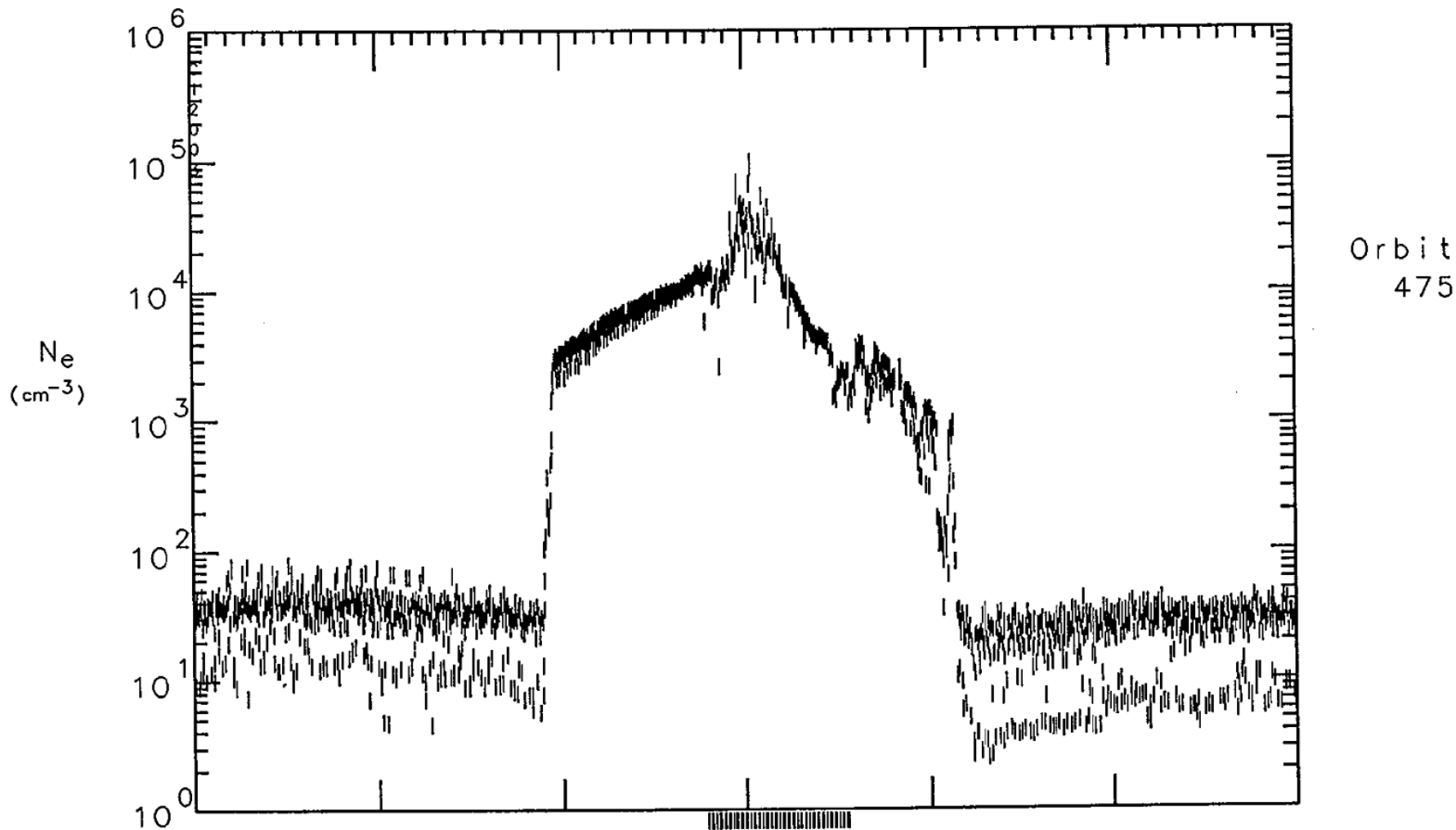
Universal Time, Day 80084

Ne hi-res Radial

Plotted:  
19-JUL-93  
18:04:29

36420	37020	37620	38220	38820	39420	40020
10: 7	10:17	10:27	10:37	10:47	10:57	11: 7

secs  
hh:mm



Orbit  
475

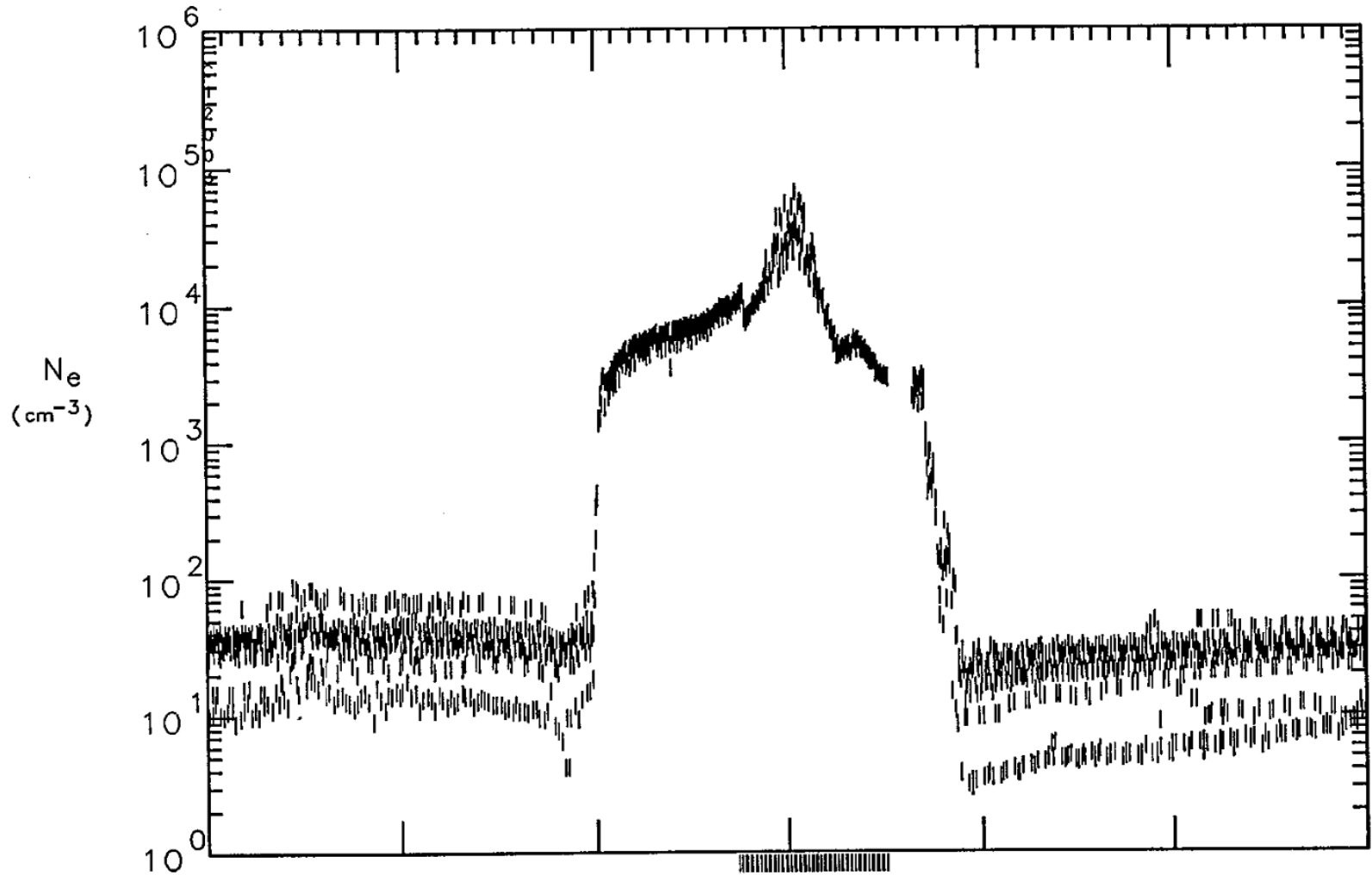
ALT	6465	3783	1354	159	1221	3607	6287	km
LAT	64	74	60	16	-30	-58	-71	deg
LONG	-71	-112	172	147	133	116	86	deg
SZA	72	76	86	102	111	108	105	deg
LST	9.3	11.9	17.1	18.8	19.8	20.9	22.6	hr

Ne hi-res Radial

Plotted:  
19-JUL-93  
18:12:21

Universal Time, Day 80085

36540	37140	37740	38340	38940	39540	40140	secs
10: 9	10:19	10:29	10:39	10:49	10:59	11: 9	hh:mm



Orbit  
476

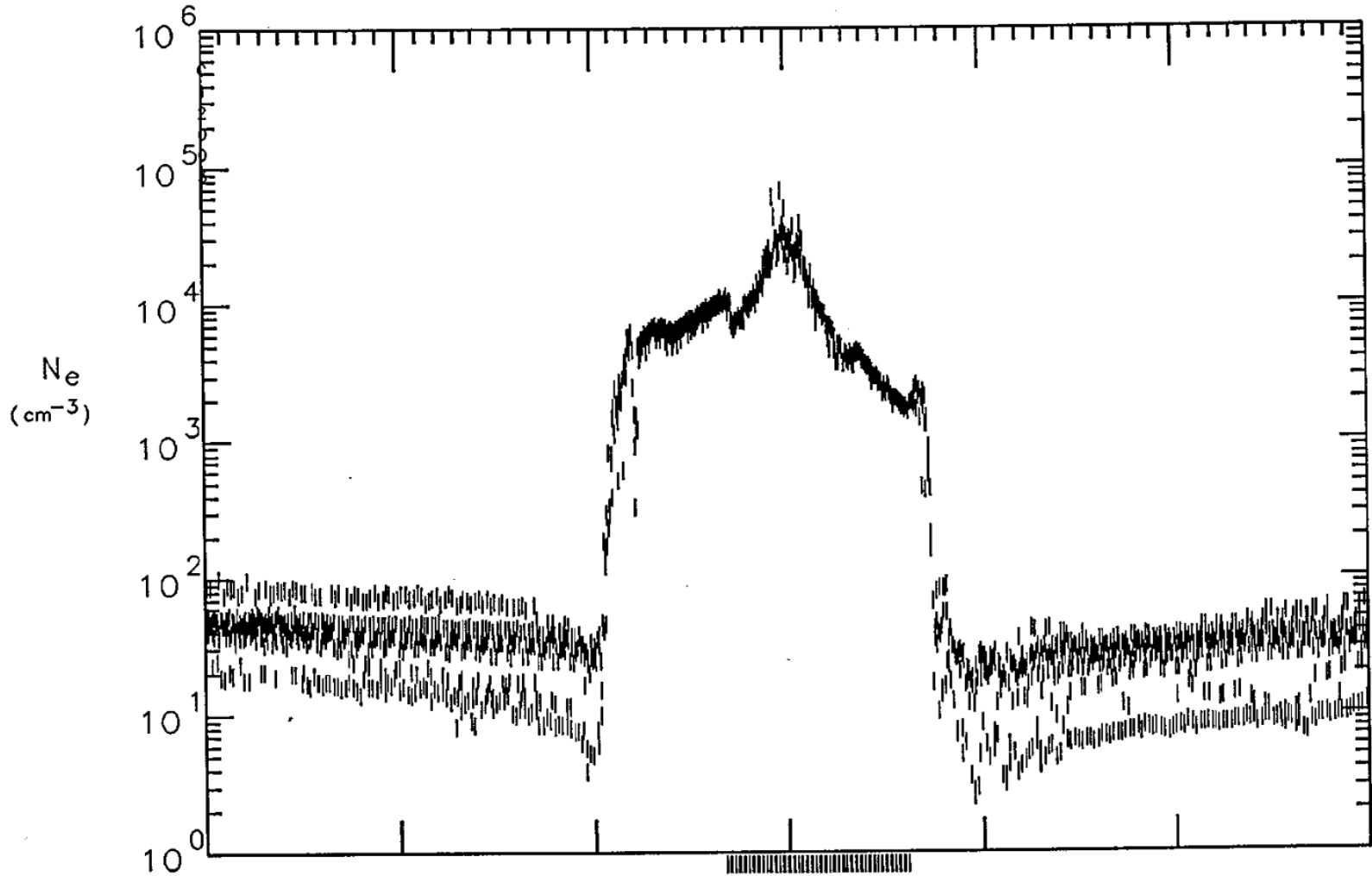
ALT	6394	3713	1301	159	1274	3678	6358	km
LAT	64	74	59	14	-31	-59	-71	deg
LONG	-70	-113	173	148	134	117	87	deg
SZA	71	76	87	104	112	109	105	deg
LST	9.5	12.1	17.3	19.0	19.9	21.0	22.8	hr

Universal Time, Day 80086

Ne hi-res Radial

Plotted:  
19-JUL-93  
18:20:16

36660	37260	37860	38460	39060	39660	40260	secs
10:11	10:21	10:31	10:41	10:51	11: 1	11:11	hh:mm



Orbit  
477

ALT	6321	3641	1247	161	1330	3750	6431	km
LAT	64	74	58	13	-32	-59	-71	deg
LONG	-70	-114	173	149	135	117	87	deg
SZA	71	77	88	106	113	109	105	deg
LST	9.6	12.4	17.5	19.1	20.0	21.1	23.0	hr

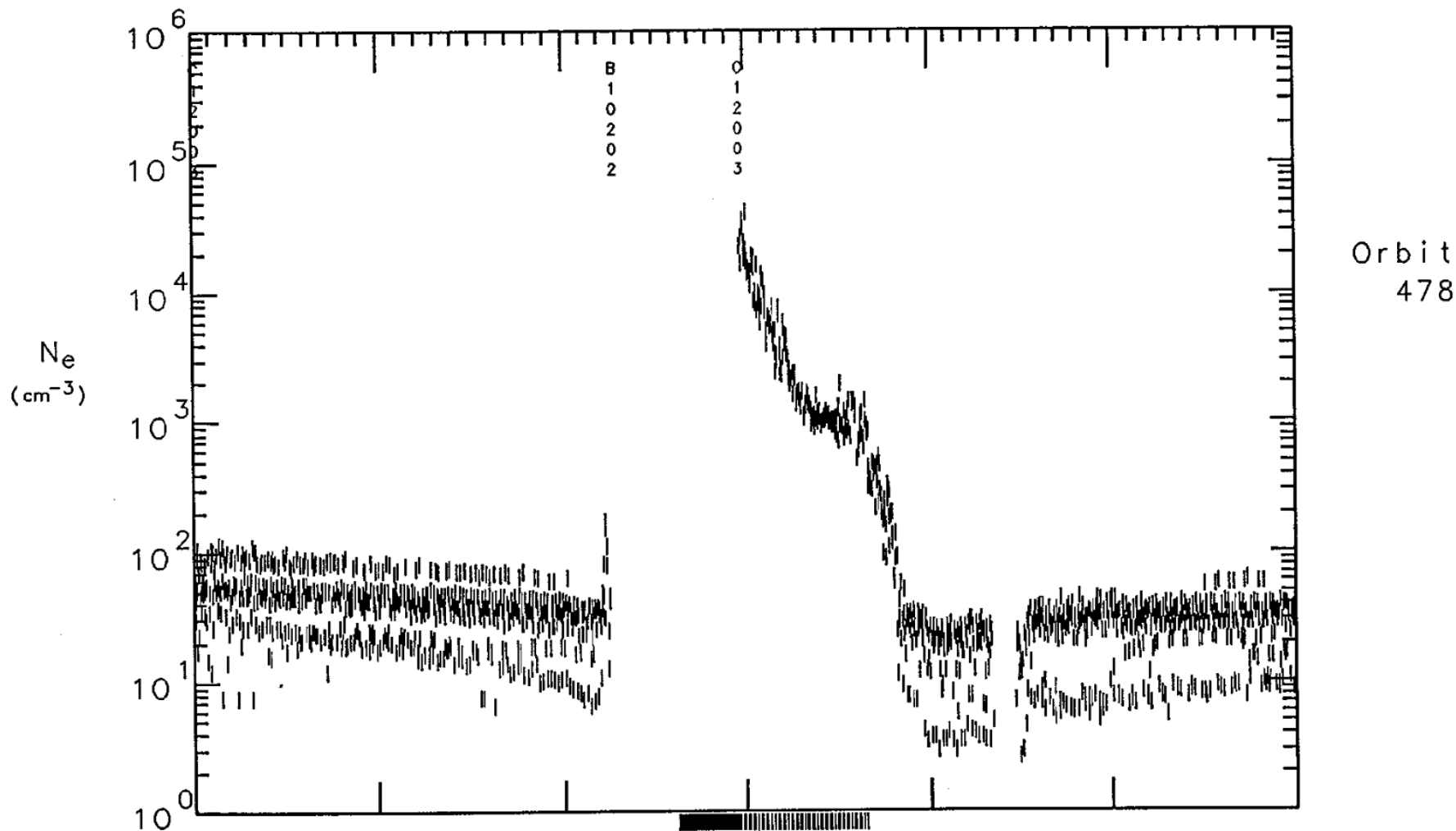
Ne hi-res Radial

Plotted:  
19-JUL-93  
18:28:27

Universal Time, Day 80087

36780	37380	37980	38580	39180	39780	40380
10:13	10:23	10:33	10:43	10:53	11: 3	11:13

secs
hh:mm



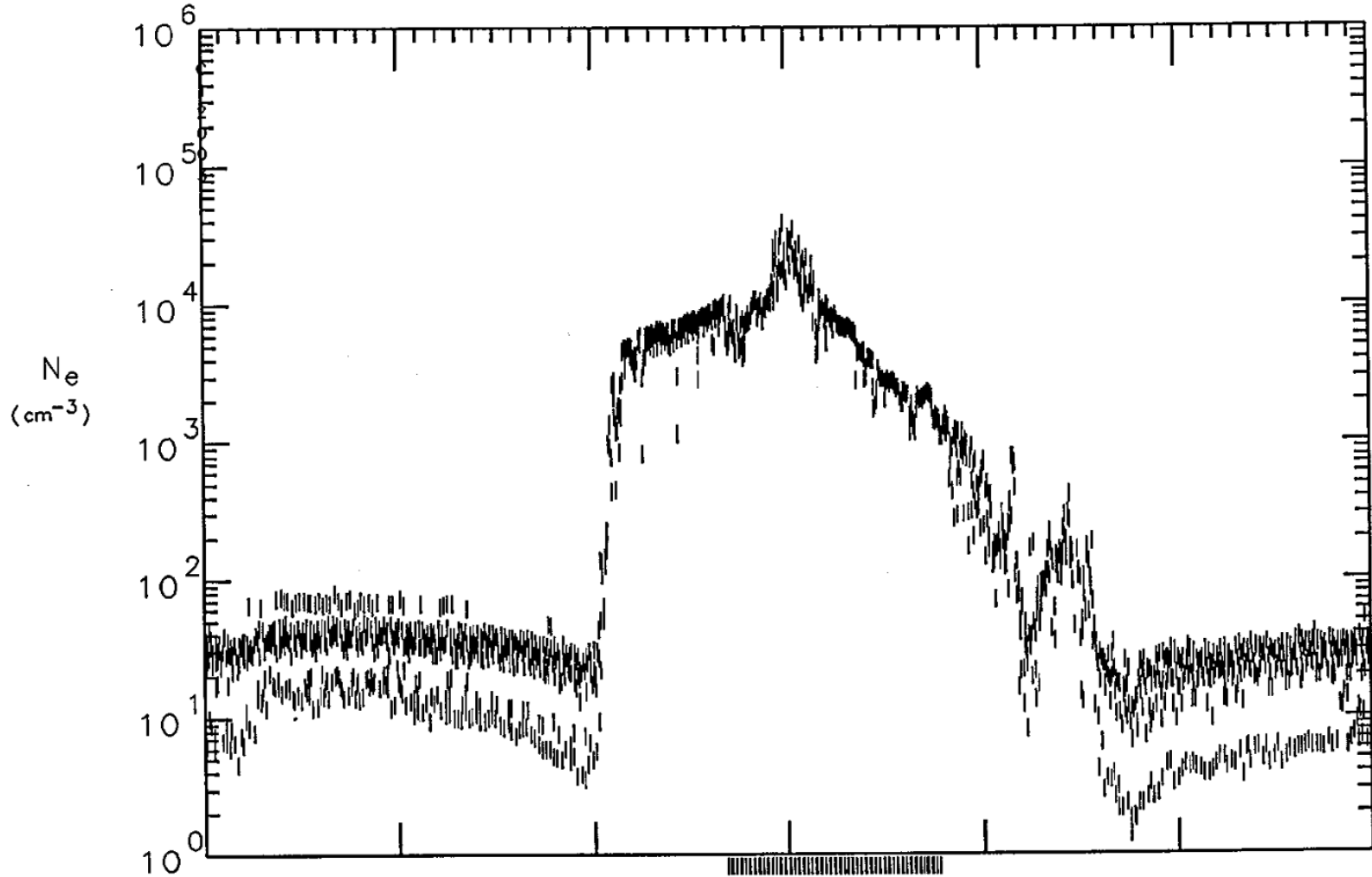
ALT	6248	3570	1195	164	1387	3822	6504	km
LAT	65	74	57	11	-33	-60	-72	deg
LONG	-69	-115	173	151	136	118	88	deg
SZA	71	77	89	108	115	110	105	deg
LST	9.8	12.6	17.7	19.2	20.2	21.3	23.2	hr

Universal Time, Day 80088

Ne hi-res Radial

Plotted:  
19-JUL-93  
18:35:53

36840	37440	38040	38640	39240	39840	40440	secs
10:14	10:24	10:34	10:44	10:54	11: 4	11:14	hh:mm



Orbit  
479

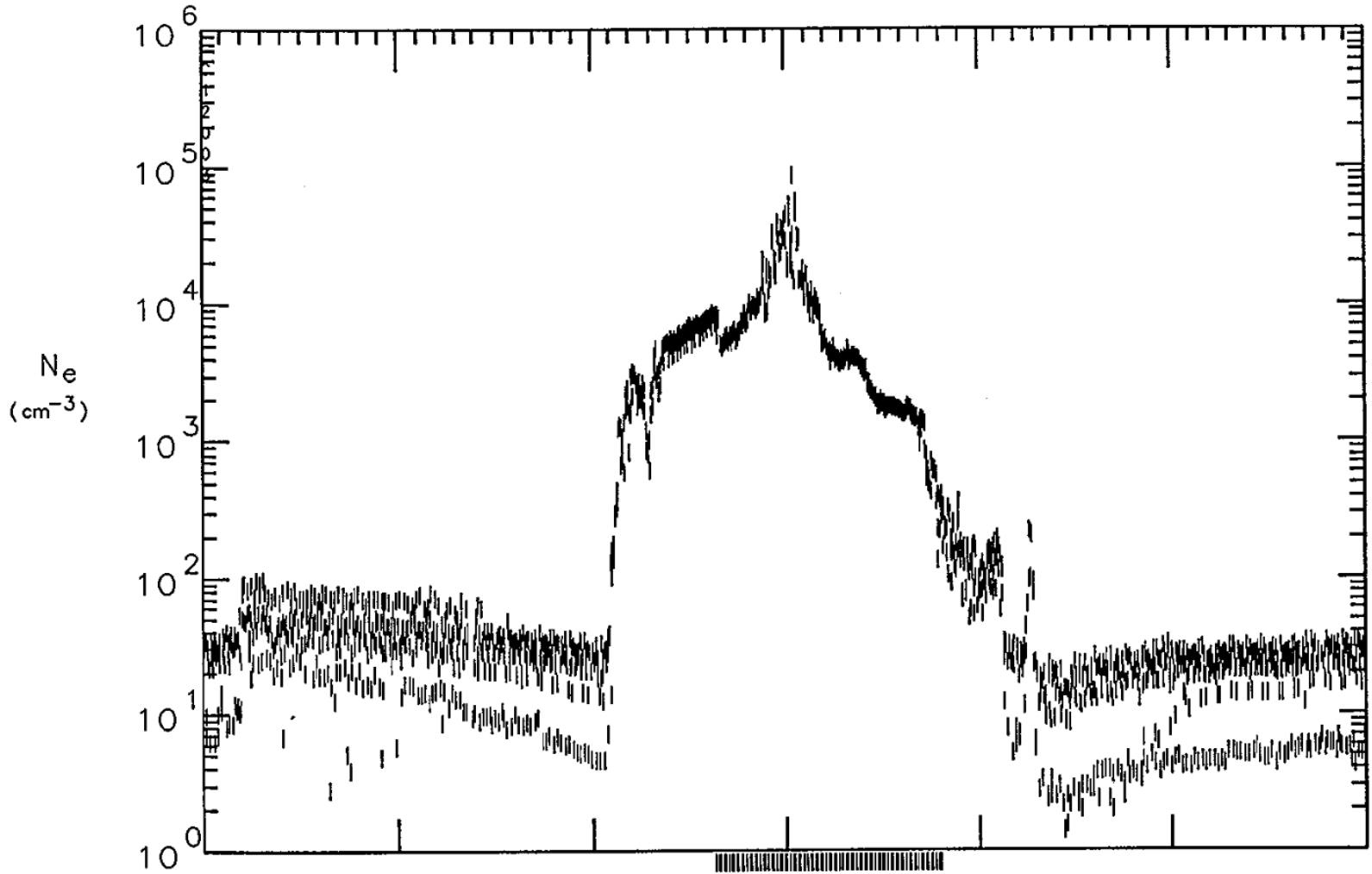
ALT	6442	3762	1341	164	1241	3631	6309	km
LAT	64	74	60	15	-31	-58	-71	deg
LONG	-66	-107	178	153	139	121	92	deg
SZA	70	76	89	109	116	111	105	deg
LST	9.8	12.4	17.6	19.3	20.2	21.3	23.1	hr

Universal Time, Day 80089

Ne hi-res Radial

Plotted:  
19-JUL-93  
18:44:23

36960	37560	38160	38760	39360	39960	40560	secs
10:16	10:26	10:36	10:46	10:56	11:06	11:16	hh:mm



Orbit  
480

ALT	6369	3690	1287	165	1296	3702	6381	km
LAT	64	74	59	14	-32	-59	-71	deg
LONG	-65	-108	178	154	140	122	92	deg
SZA	70	77	90	111	117	111	105	deg
LST	9.9	12.6	17.7	19.4	20.3	21.4	23.3	hr

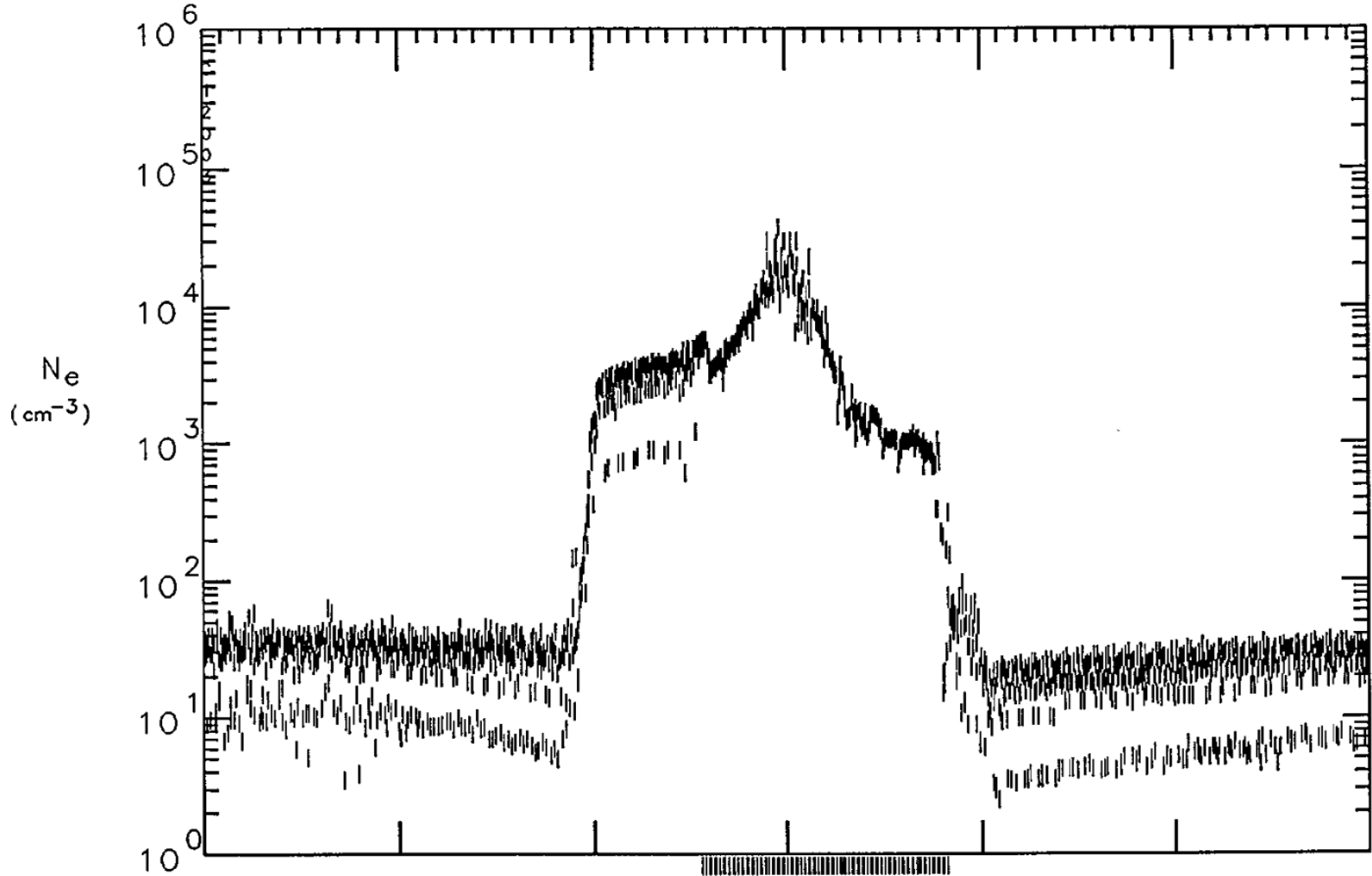


Universal Time, Day 80090

Ne hi-res Radial

Plotted:  
19-JUL-93  
18:52:44

37080	37680	38280	38880	39480	40080	40680	secs
10:18	10:28	10:38	10:48	10:58	11:08	11:18	hh:mm



Orbit  
481

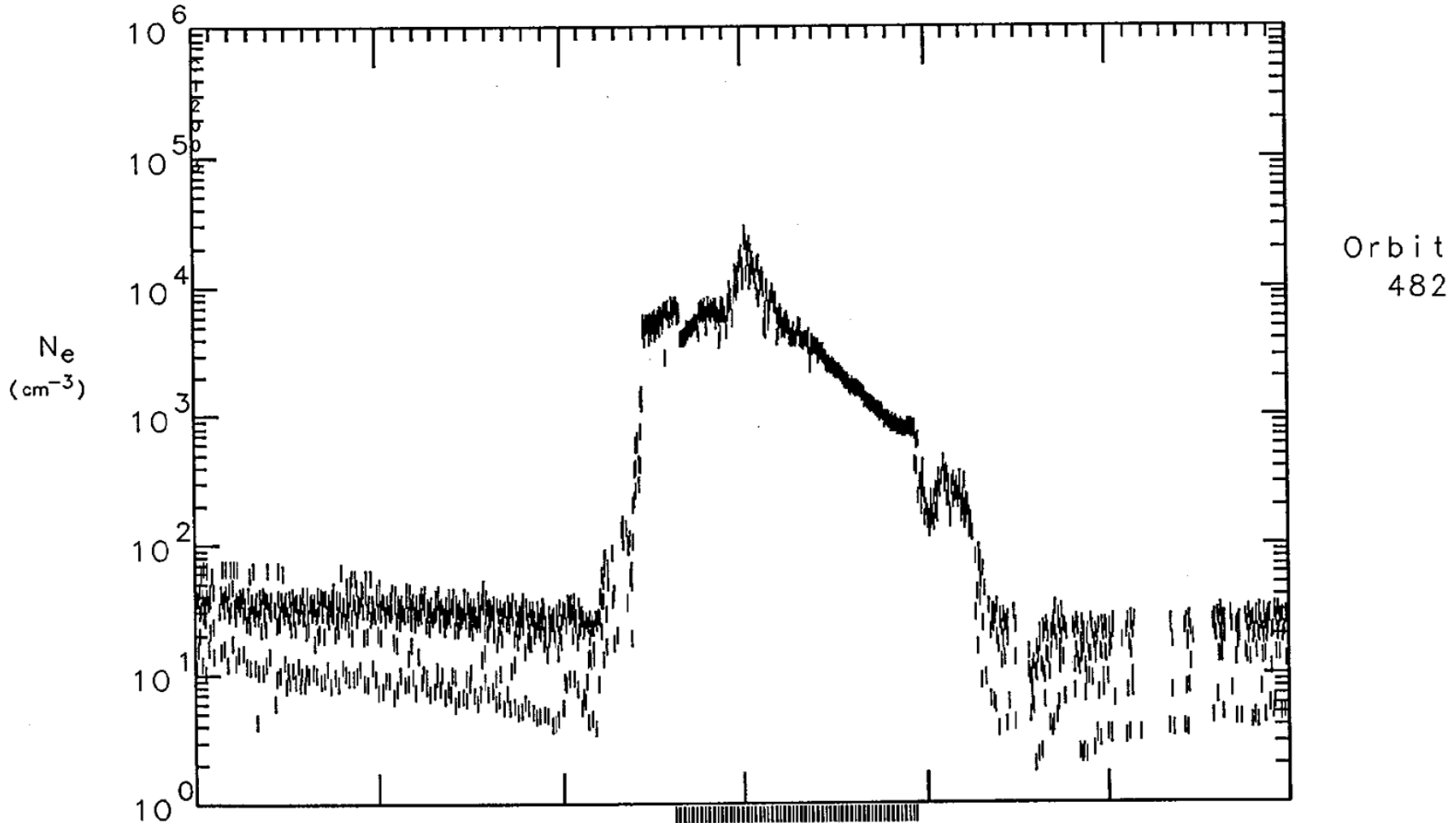
ALT	6296	3619	1234	168	1353	3775	6454	km
LAT	64	74	58	12	-33	-59	-71	deg
LONG	-64	-109	179	155	141	123	93	deg
SZA	70	77	92	113	118	112	105	deg
LST	10.1	12.9	17.9	19.5	20.5	21.6	23.4	hr

Universal Time, Day 80091

Ne hi-res Radial

Plotted:  
19-JUL-93  
19:01:15

37140	37740	38340	38940	39540	40140	40740	secs
10:19	10:29	10:39	10:49	10:59	11: 9	11:19	hh:mm



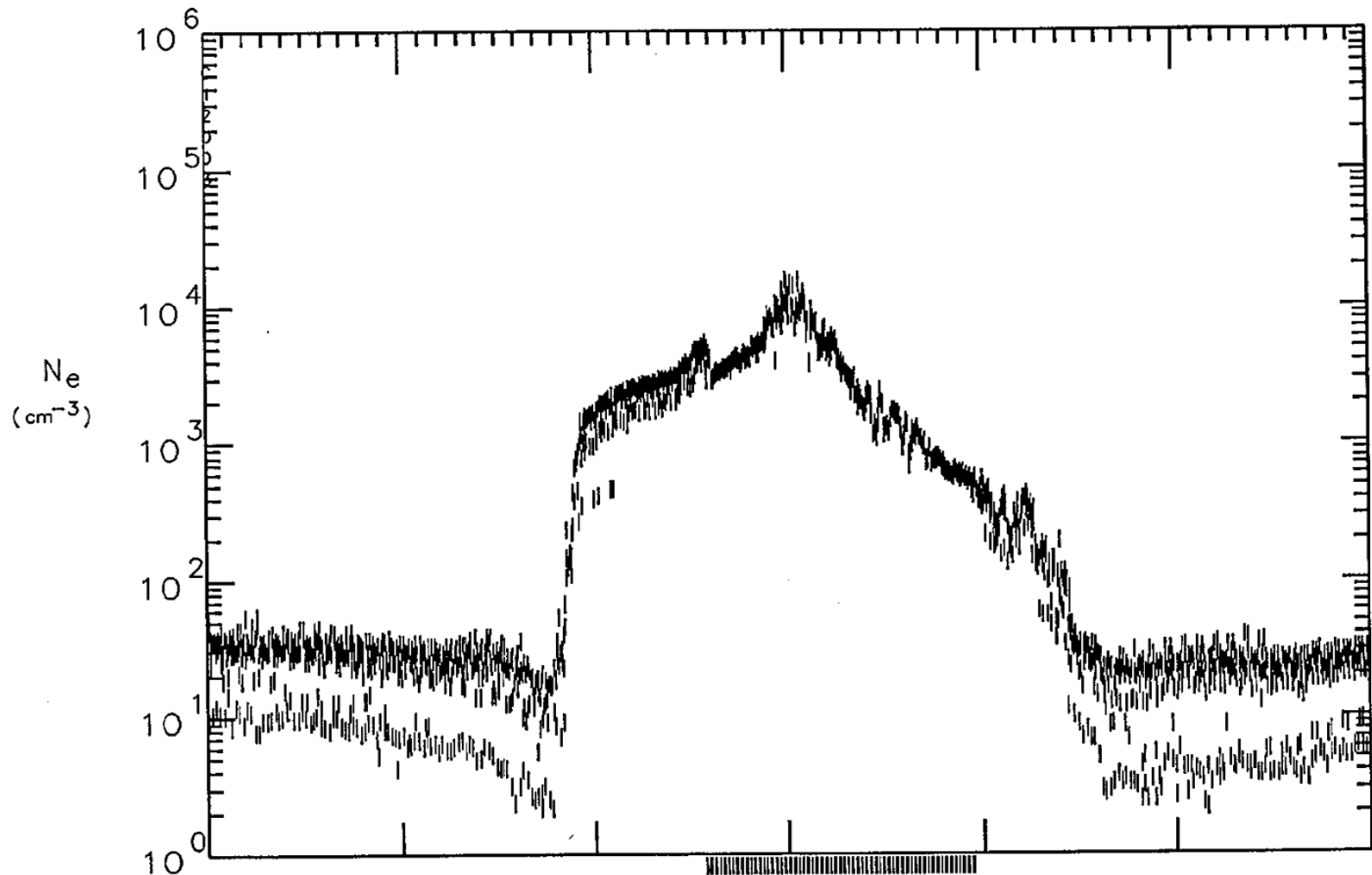
ALT	6491	3812	1383	171	1208	3583	6259	km
LAT	64	73	60	16	-30	-58	-71	deg
LONG	-61	-102	-176	158	144	126	97	deg
SZA	69	76	91	113	120	113	106	deg
LST	10.1	12.6	17.8	19.6	20.5	21.6	23.4	hr

Universal Time, Day 80092

Ne hi-res Radial

Plotted:  
19-JUL-93  
19:09:05

37260	37860	38460	39060	39660	40260	40860	secs
10:21	10:31	10:41	10:51	11: 1	11:11	11:21	hh:mm



Orbit  
483

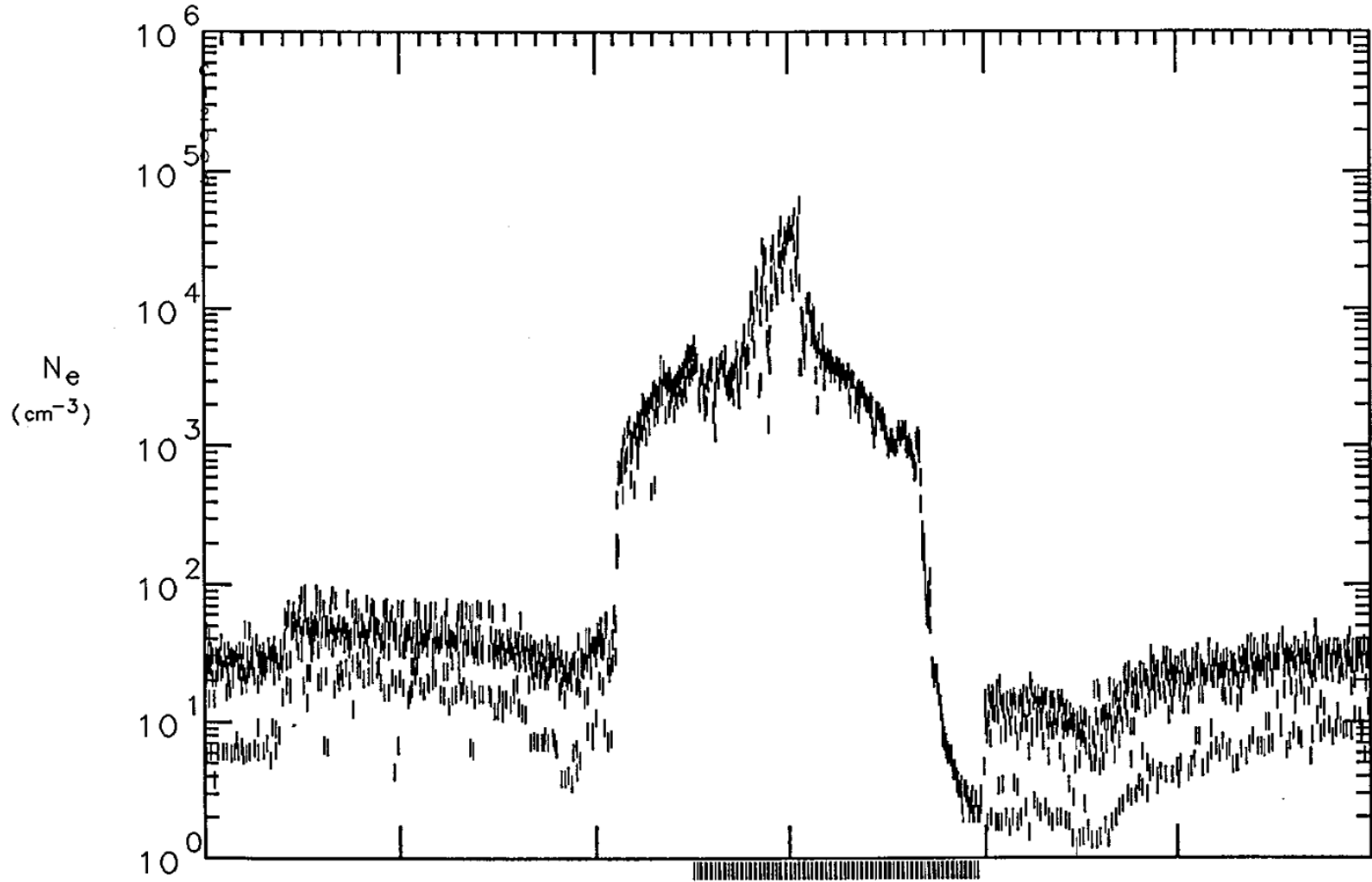
ALT	6420	3742	1330	172	1262	3653	6330	km
LAT	64	73	59	15	-31	-58	-71	deg
LONG	-60	-102	-176	159	145	127	98	deg
SZA	69	77	92	115	121	113	105	deg
LST	10.3	12.9	18.0	19.7	20.6	21.7	23.5	hr

Universal Time, Day 80093

Ne hi-res Radial

Plotted:  
19-JUL-93  
19:17:26

37380	37980	38580	39180	39780	40380	40980	secs
10:23	10:33	10:43	10:53	11: 3	11:13	11:23	hh:mm



Orbit  
484

ALT	6304	3621	1227	150	1337	3765	6450	km
LAT	64	74	58	12	-33	-59	-71	deg
LONG	-60	-104	-176	160	145	127	97	deg
SZA	69	77	94	117	122	113	105	deg
LST	10.4	13.1	18.2	19.9	20.8	21.9	23.8	hr

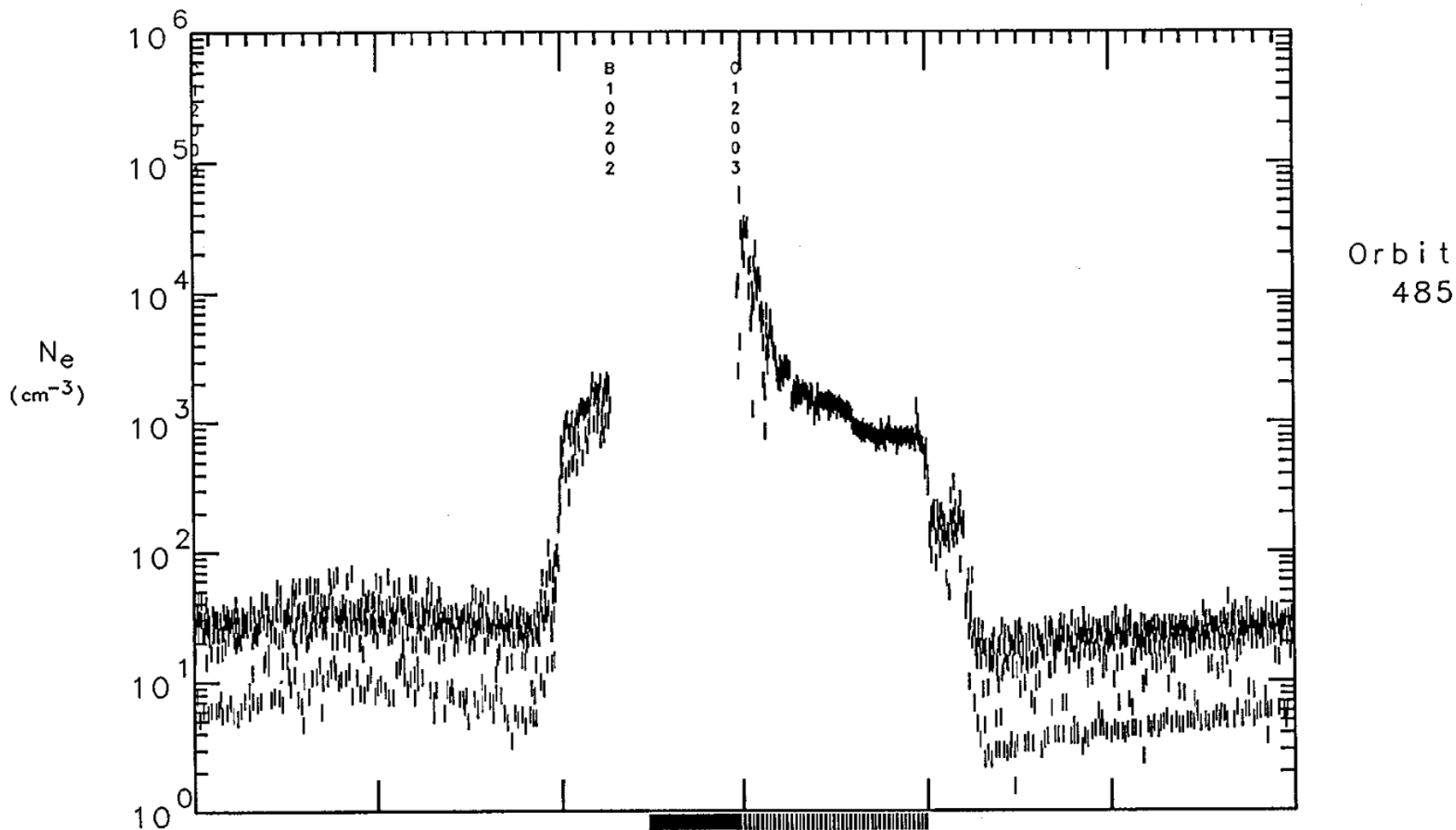
Universal Time, Day 80094

Ne hi-res Radial

Plotted:  
19-JUL-93  
19:25:53

37440	38040	38640	39240	39840	40440	41040
10:24	10:34	10:44	10:54	11: 4	11:14	11:24

secs  
hh:mm



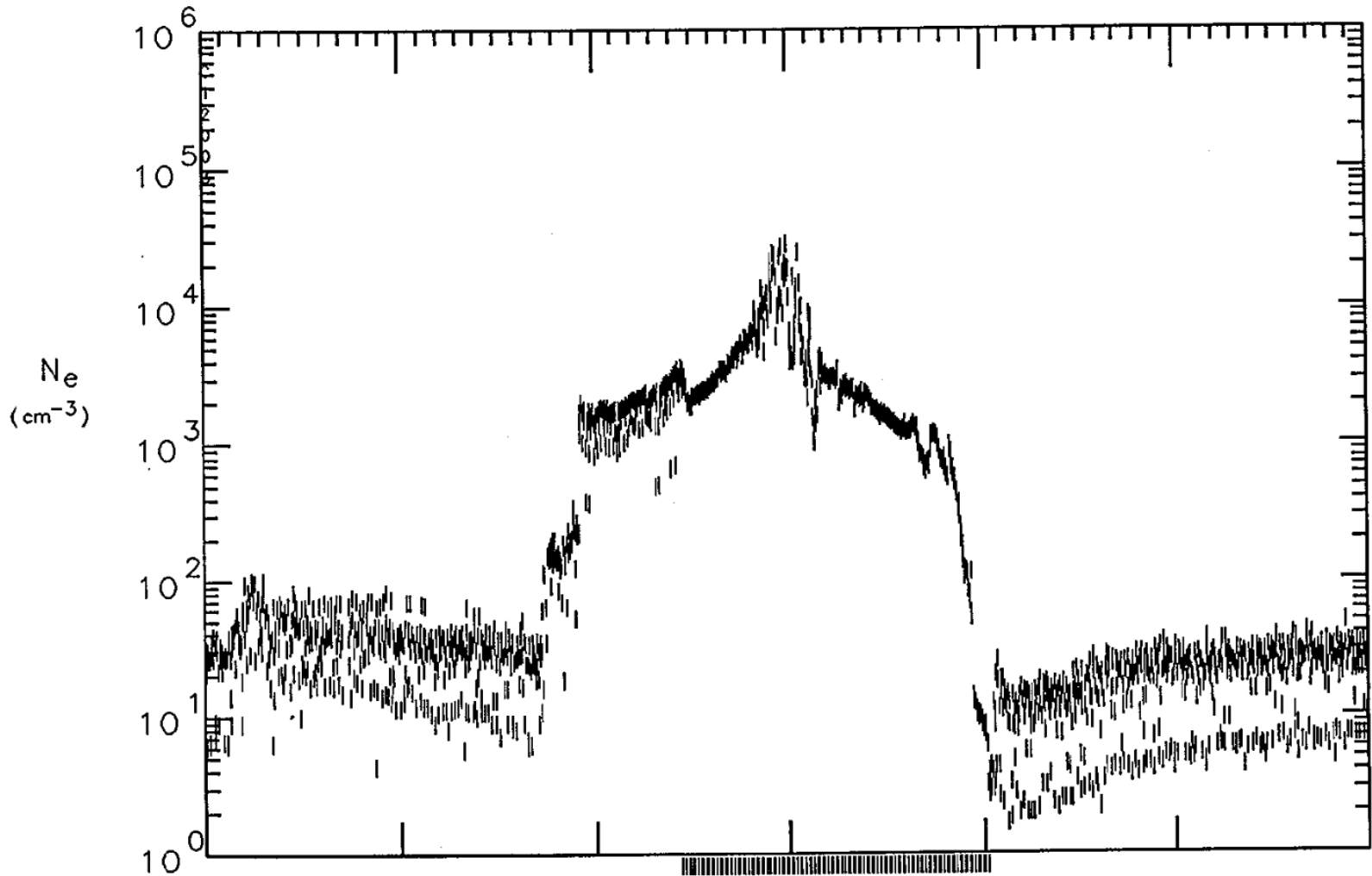
ALT	6292	3610	1220	153	1347	3777	6461	km
LAT	64	74	58	12	-33	-59	-71	deg
LONG	-58	-103	-174	161	147	129	98	deg
SZA	68	78	95	119	123	114	105	deg
LST	10.5	13.3	18.3	20.0	20.9	22.1	23.9	hr

Universal Time, Day 80095

Ne hi-res Radial

Plotted:  
19-JUL-93  
19:33:46

37500	38100	38700	39300	39900	40500	41100	secs
10:25	10:35	10:45	10:55	11: 5	11:15	11:25	hh:mm



Orbit  
486

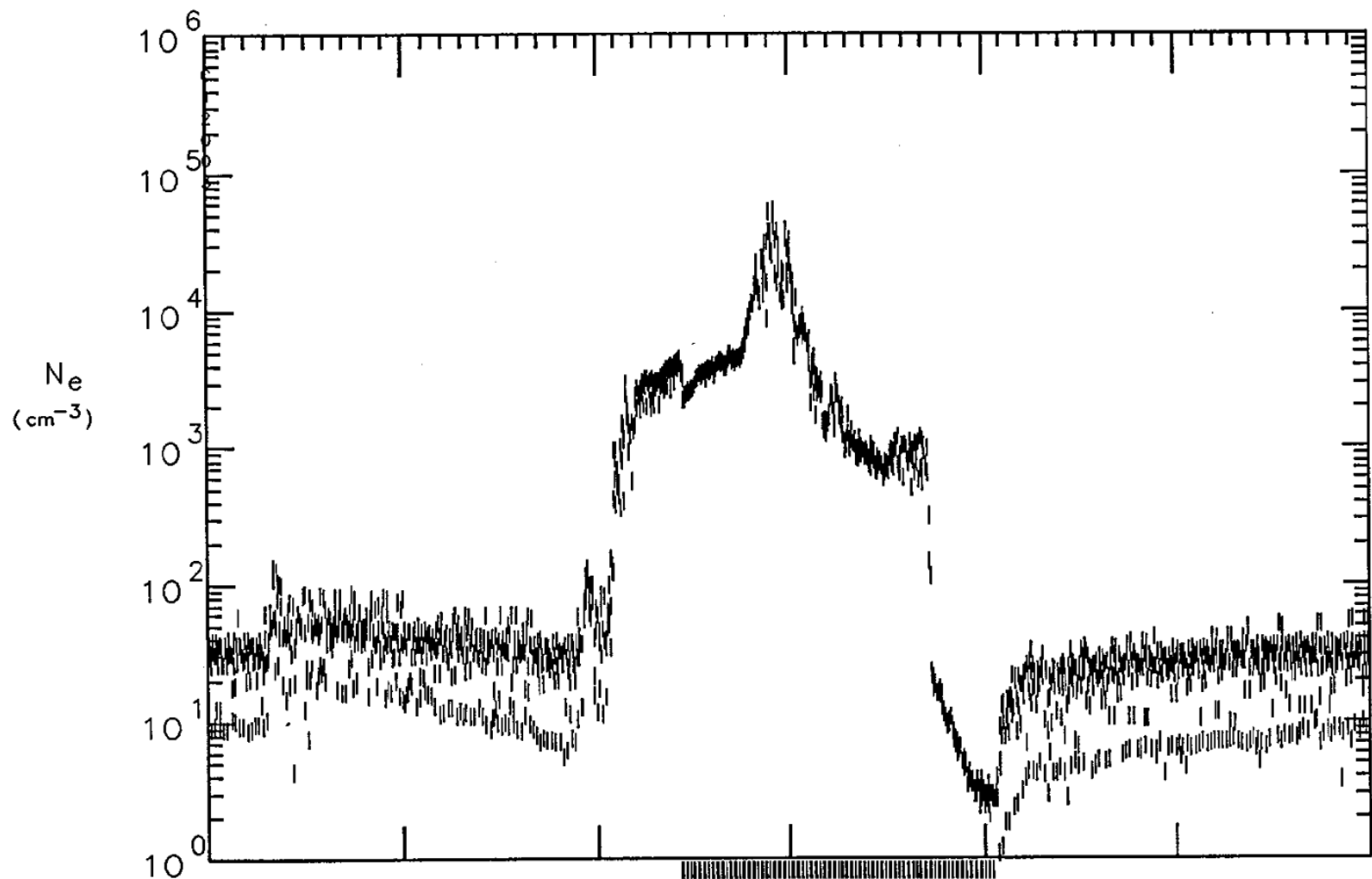
ALT	6275	3595	1210	156	1362	3793	6477	km
LAT	64	74	58	12	-33	-59	-71	deg
LONG	-57	-102	-173	163	148	130	99	deg
SZA	68	78	96	121	124	114	105	deg
LST	10.6	13.4	18.5	20.1	21.0	22.2	0.0	hr

Universal Time, Day 80096

Ne hi-res Radial

Plotted:  
19-JUL-93  
19:42:26

37560	38160	38760	39360	39960	40560	41160	secs
10:26	10:36	10:46	10:56	11: 6	11:16	11:26	hh:mm



Orbit  
487

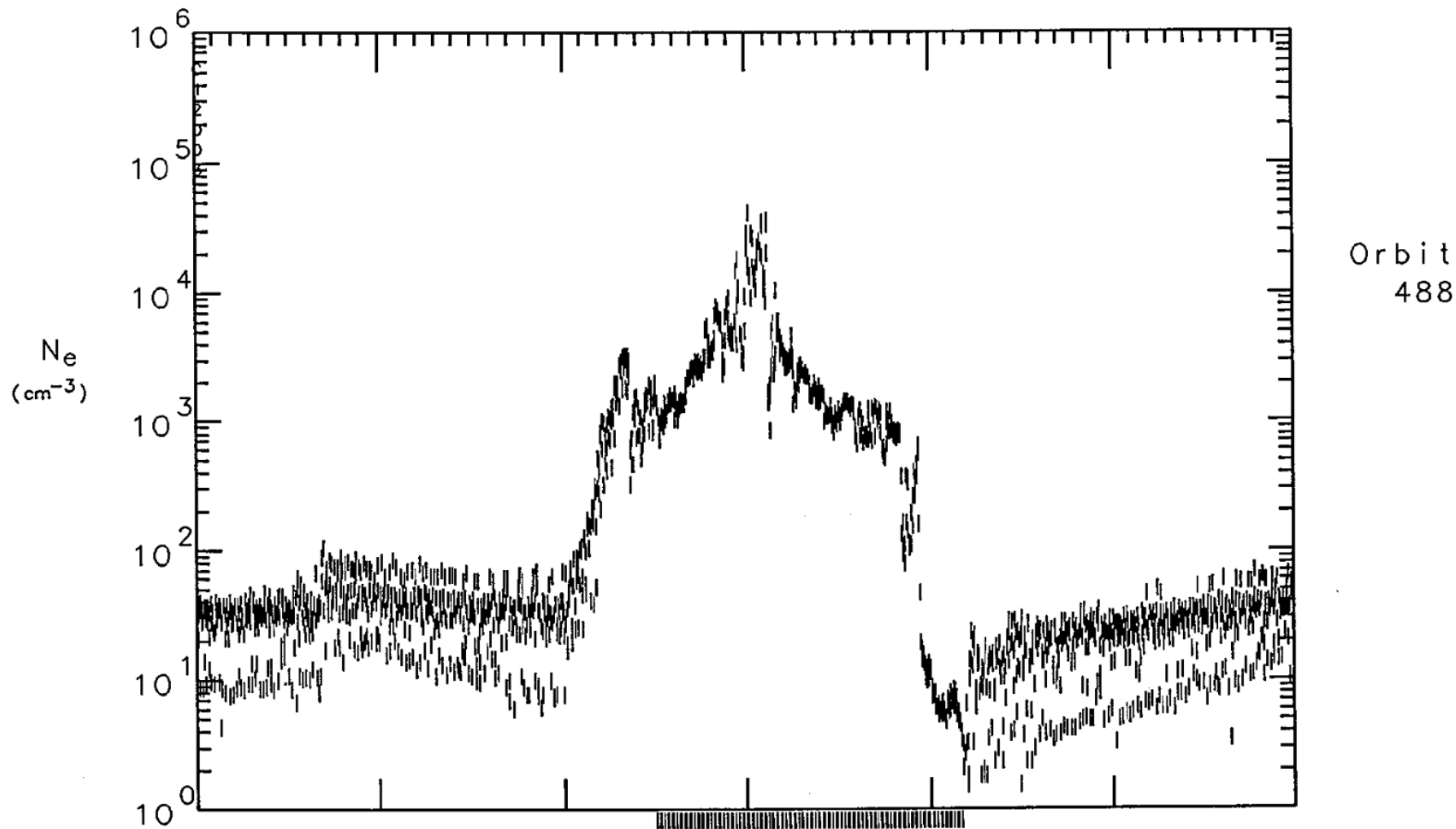
ALT	6257	3578	1199	160	1377	3811	6494	km
LAT	64	74	57	12	-33	-59	-71	deg
LONG	-56	-101	-172	164	150	131	101	deg
SZA	68	78	97	122	126	114	105	deg
LST	10.8	13.6	18.6	20.2	21.1	22.3	0.2	hr

Universal Time, Day 80097

Ne hi-res Radial

Plotted:  
19-JUL-93  
19:52:43

37560	38160	38760	39360	39960	40560	41160	secs
10:26	10:36	10:46	10:56	11: 6	11:16	11:26	hh:mm



ALT	6504	3822	1386	163	1193	3569	6247	km
LAT	63	73	60	16	-30	-58	-71	deg
LONG	-53	-92	-166	167	152	135	106	deg
SZA	67	77	95	122	128	116	106	deg
LST	10.8	13.2	18.4	20.2	21.2	22.3	0.1	hr

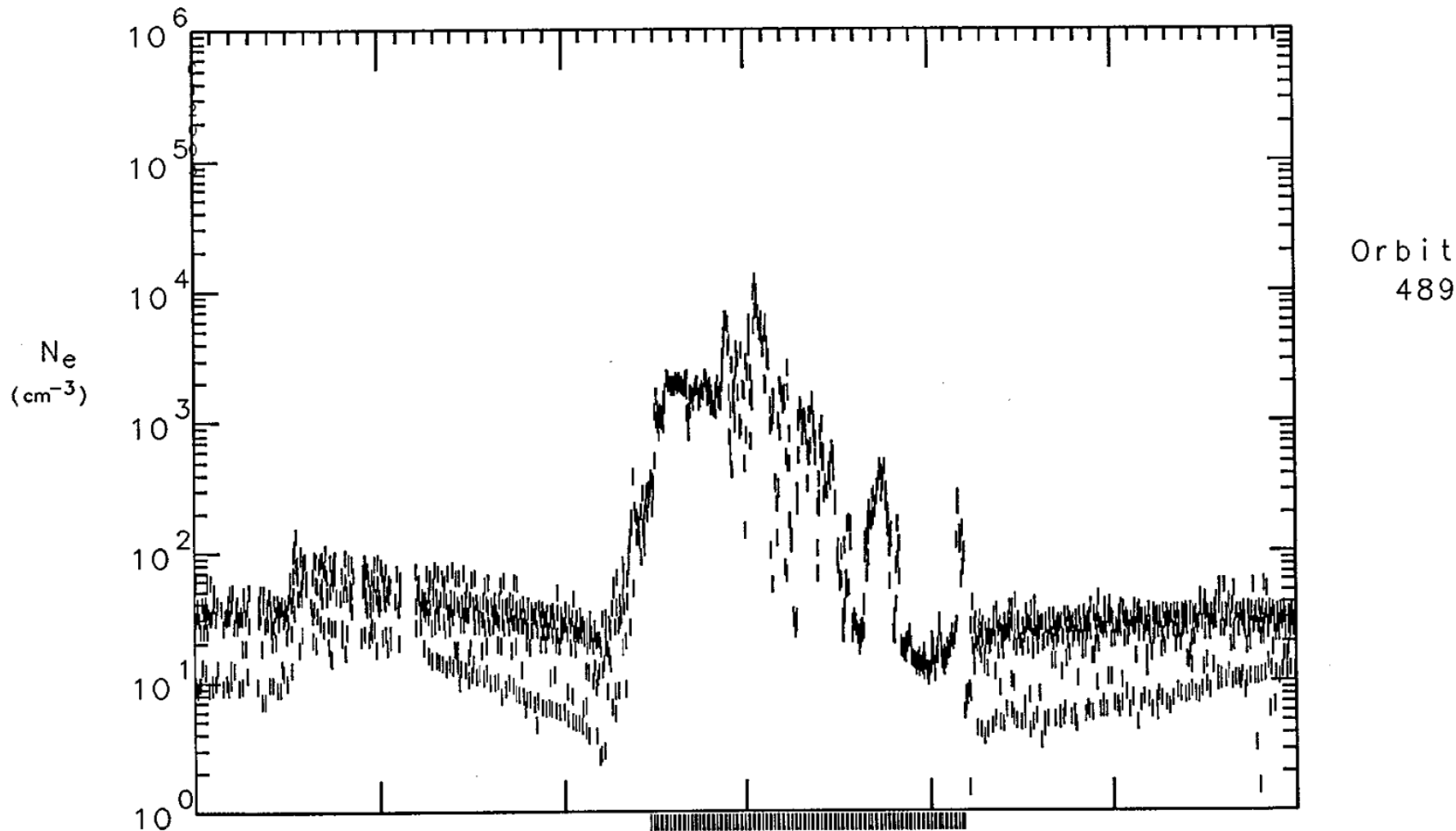


Universal Time, Day 80098

Ne hi-res Radial

Plotted:  
19-JUL-93  
20:01:13

37620	38220	38820	39420	40020	40620	41220	secs
10:27	10:37	10:47	10:57	11: 7	11:17	11:27	hh:mm



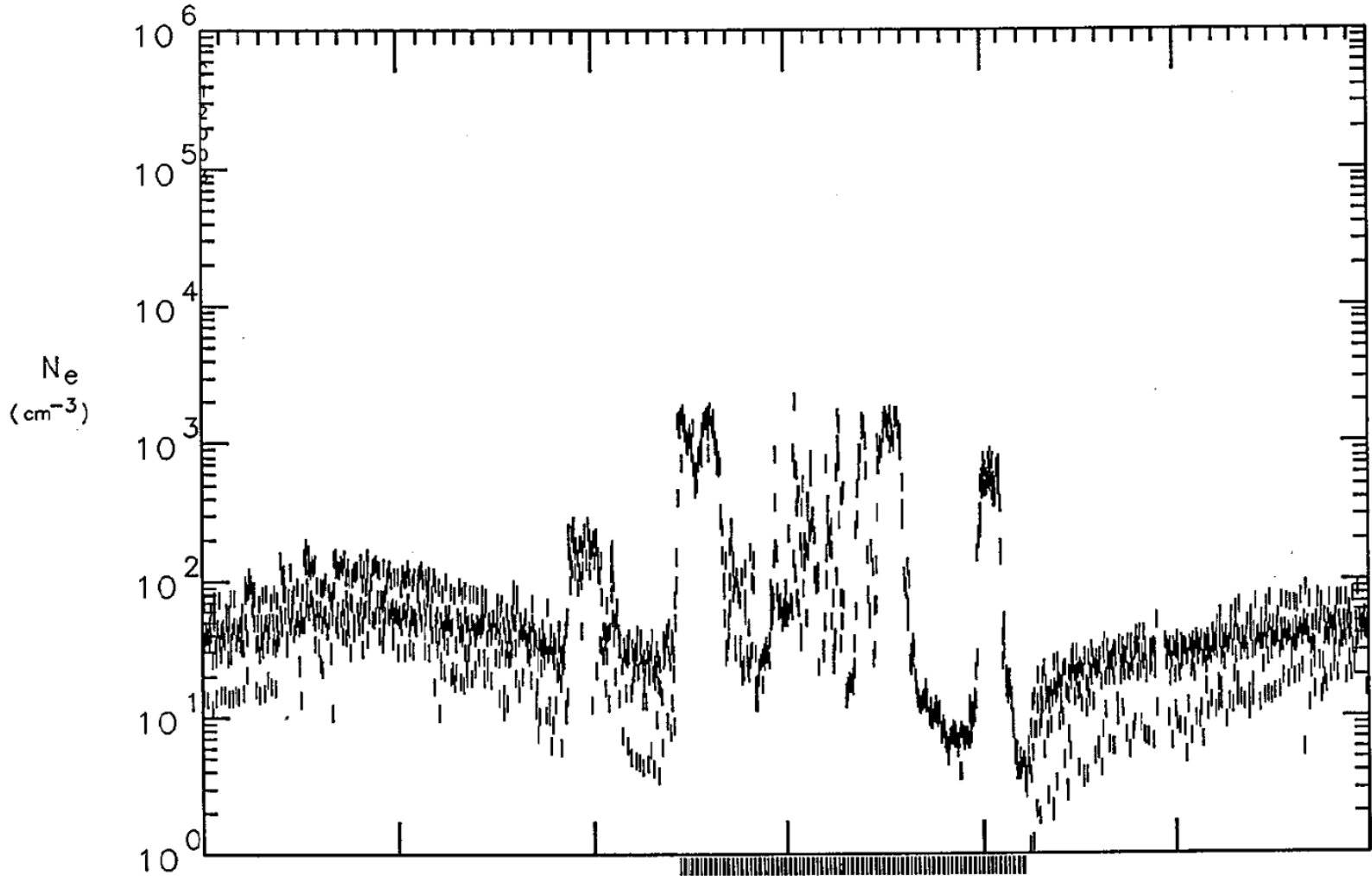
ALT	6483	3802	1372	166	1211	3590	6268	km
LAT	63	73	60	16	-30	-58	-71	deg
LONG	-51	-92	-165	168	154	136	107	deg
SZA	67	77	96	124	129	116	106	deg
LST	10.9	13.4	18.6	20.3	21.3	22.4	0.2	hr

Universal Time, Day 80099

Ne hi-res Radial

Plotted:  
19-JUL-93  
20:09:28

37680	38280	38880	39480	40080	40680	41280	secs
10:28	10:38	10:48	10:58	11: 8	11:18	11:28	hh:mm



Orbit  
490

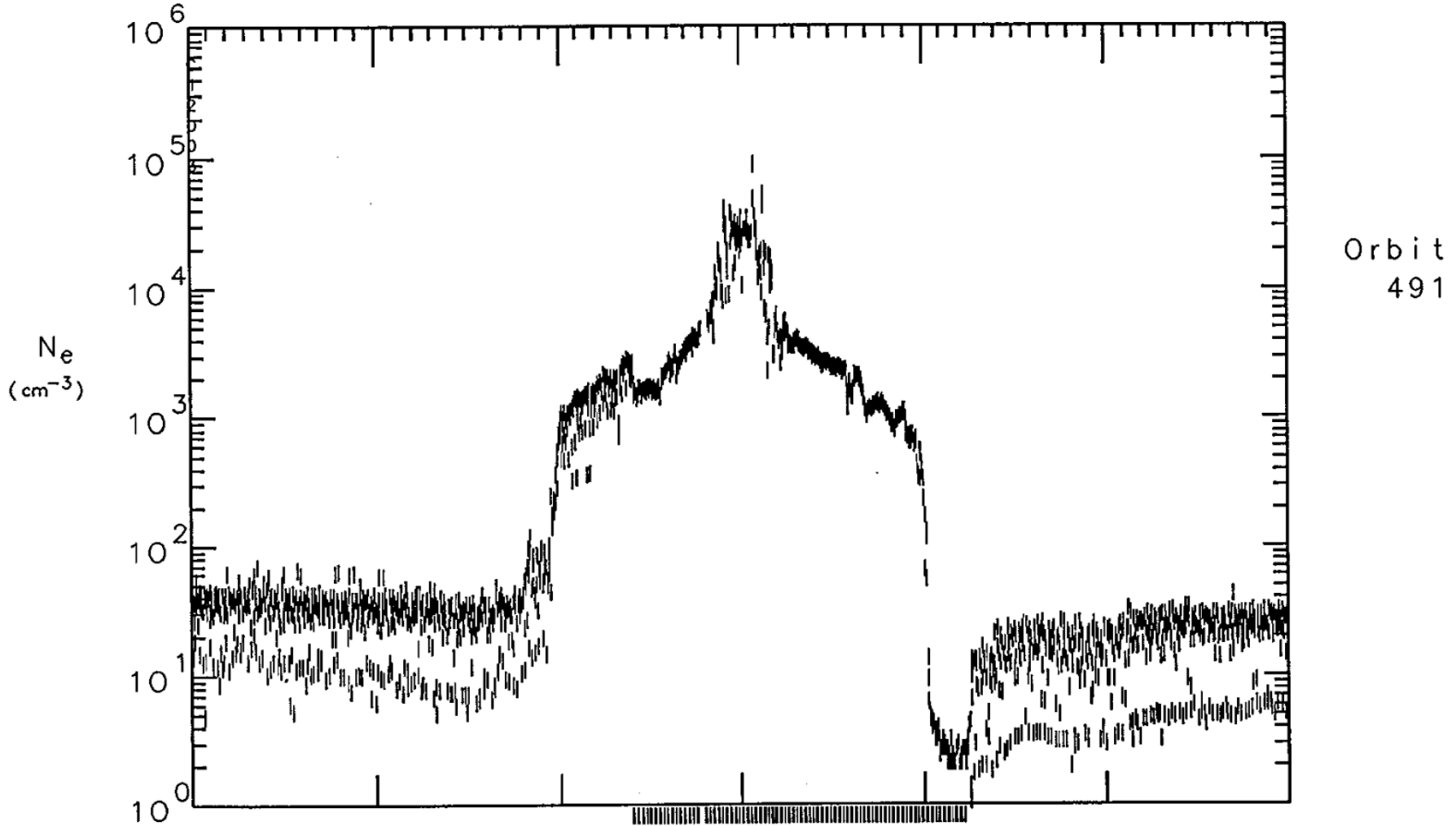
ALT	6463	3783	1359	168	1227	3610	6287	km
LAT	64	73	60	16	-30	-58	-71	deg
LONG	-50	-91	-164	170	155	137	108	deg
SZA	67	78	97	126	130	116	106	deg
LST	11.0	13.5	18.7	20.5	21.4	22.5	0.3	hr

Universal Time, Day 80100

Ne hi-res Radial

Plotted:  
19-JUL-93  
20:17:36

37740	38340	38940	39540	40140	40740	41340	secs
10:29	10:39	10:49	10:59	11: 9	11:19	11:29	hh:mm



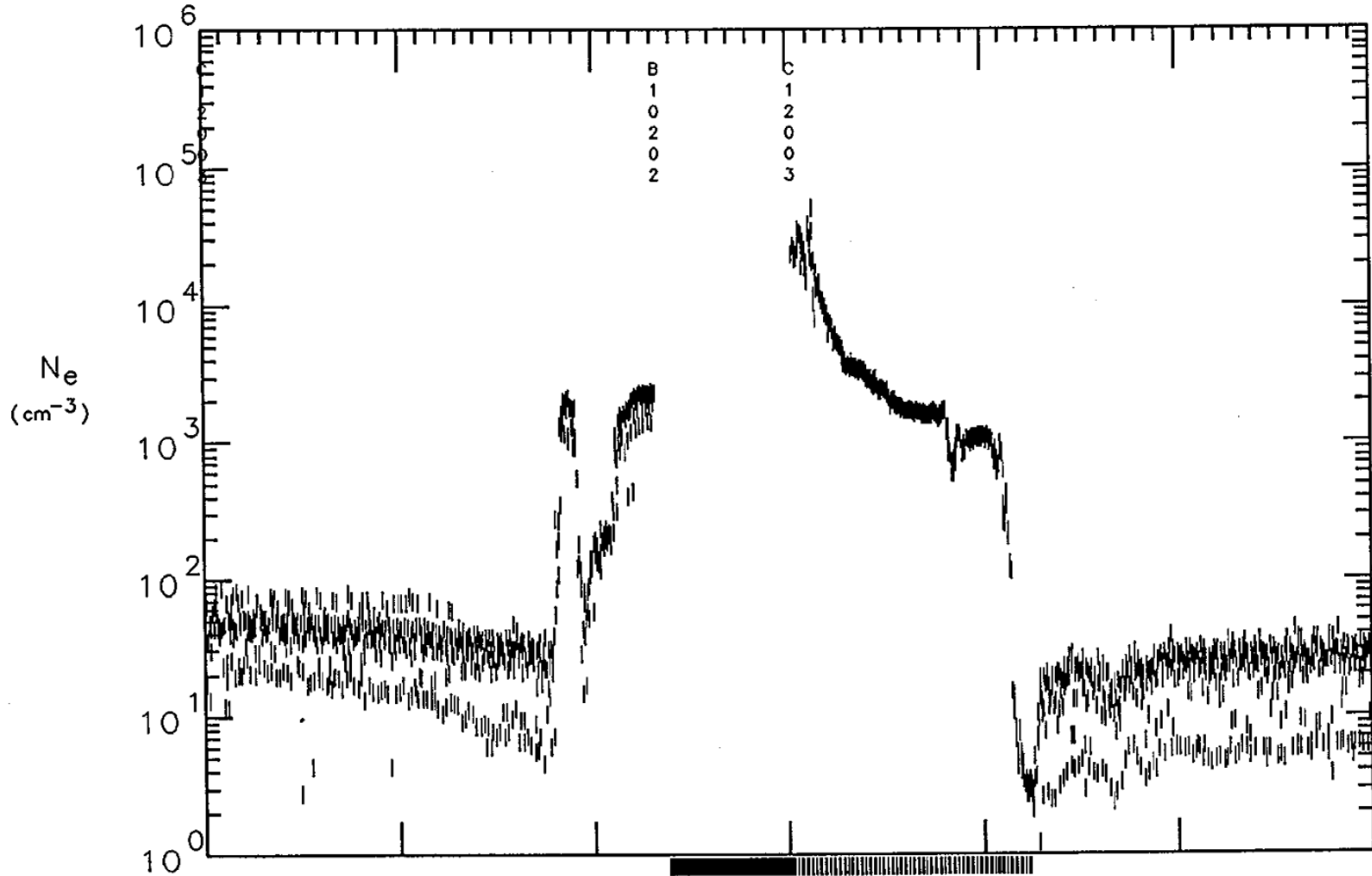
ALT	6397	3712	1294	145	1263	3672	6356	km
LAT	64	73	59	14	-31	-58	-71	deg
LONG	-49	-91	-163	171	156	138	108	deg
SZA	67	78	99	128	131	116	105	deg
LST	11.2	13.7	18.9	20.6	21.5	22.7	0.5	hr

Universal Time, Day 80101

Ne hi-res Radial

Plotted:  
19-JUL-93  
20:26:07

37740	38340	38940	39540	40140	40740	41340	secs
10:29	10:39	10:49	10:59	11: 9	11:19	11:29	hh:mm



Orbit  
492

ALT	6402	3718	1300	149	1261	3667	6350	km
LAT	64	73	59	14	-31	-58	-71	deg
LONG	-47	-89	-162	172	158	139	110	deg
SZA	66	78	99	129	132	117	105	deg
LST	11.3	13.8	19.0	20.7	21.6	22.8	0.6	hr

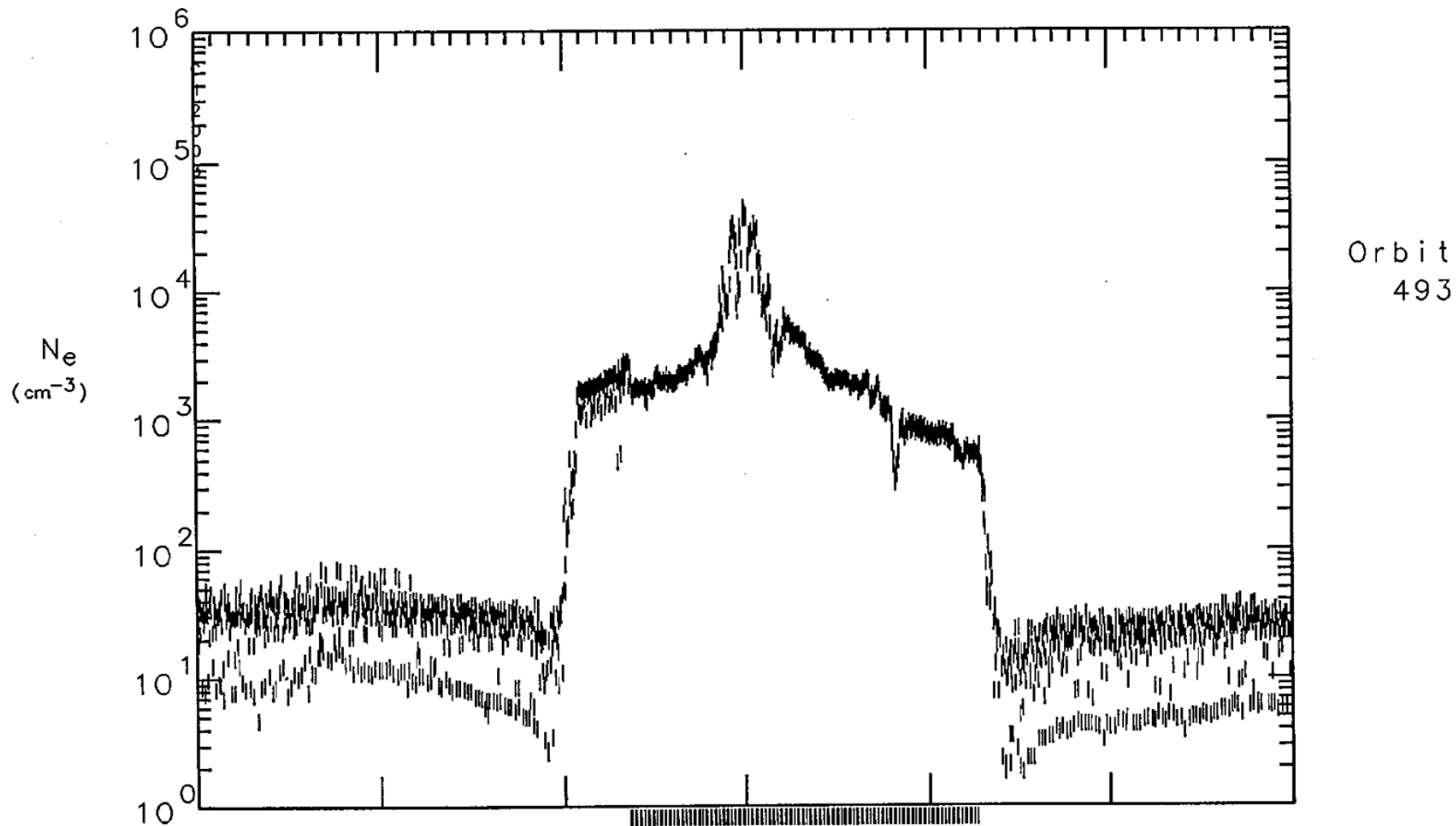
Universal Time, Day 80102

Ne hi-res Radial

Plotted:  
20-JUL-93  
15:54:12

37740	38340	38940	39540	40140	40740	41340
10:29	10:39	10:49	10:59	11: 9	11:19	11:29

secs  
hh:mm



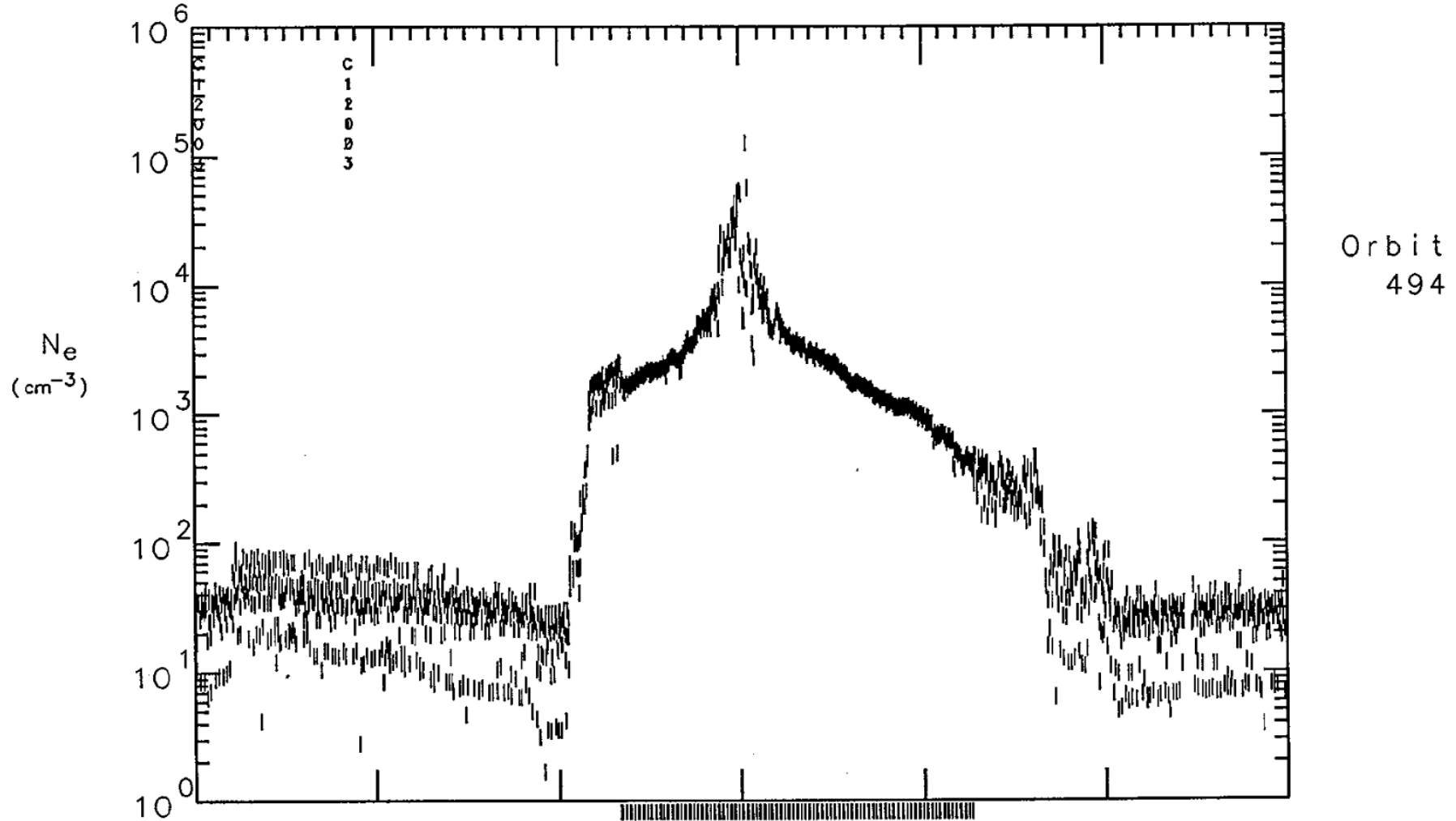
ALT	6378	3695	1284	152	1282	3691	6374	km
LAT	64	73	59	14	-31	-59	-71	deg
LONG	-46	-88	-161	174	159	141	111	deg
SZA	66	79	100	131	133	117	105	deg
LST	11.4	14.0	19.1	20.8	21.8	22.9	0.7	hr

Universal Time, Day 80103

Ne hi-res Radial

Plotted:  
20-JUL-93  
16:03:29

37740	38340	38940	39540	40140	40740	41340	secs
10:29	10:39	10:49	10:59	11: 9	11:19	11:29	hh:mm



ALT	6346	3665	1263	156	1308	3723	6405	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	-45	-88	-160	175	160	142	112	deg
SZA	66	79	102	133	134	117	105	deg
LST	11.5	14.2	19.2	20.9	21.9	23.0	0.9	hr

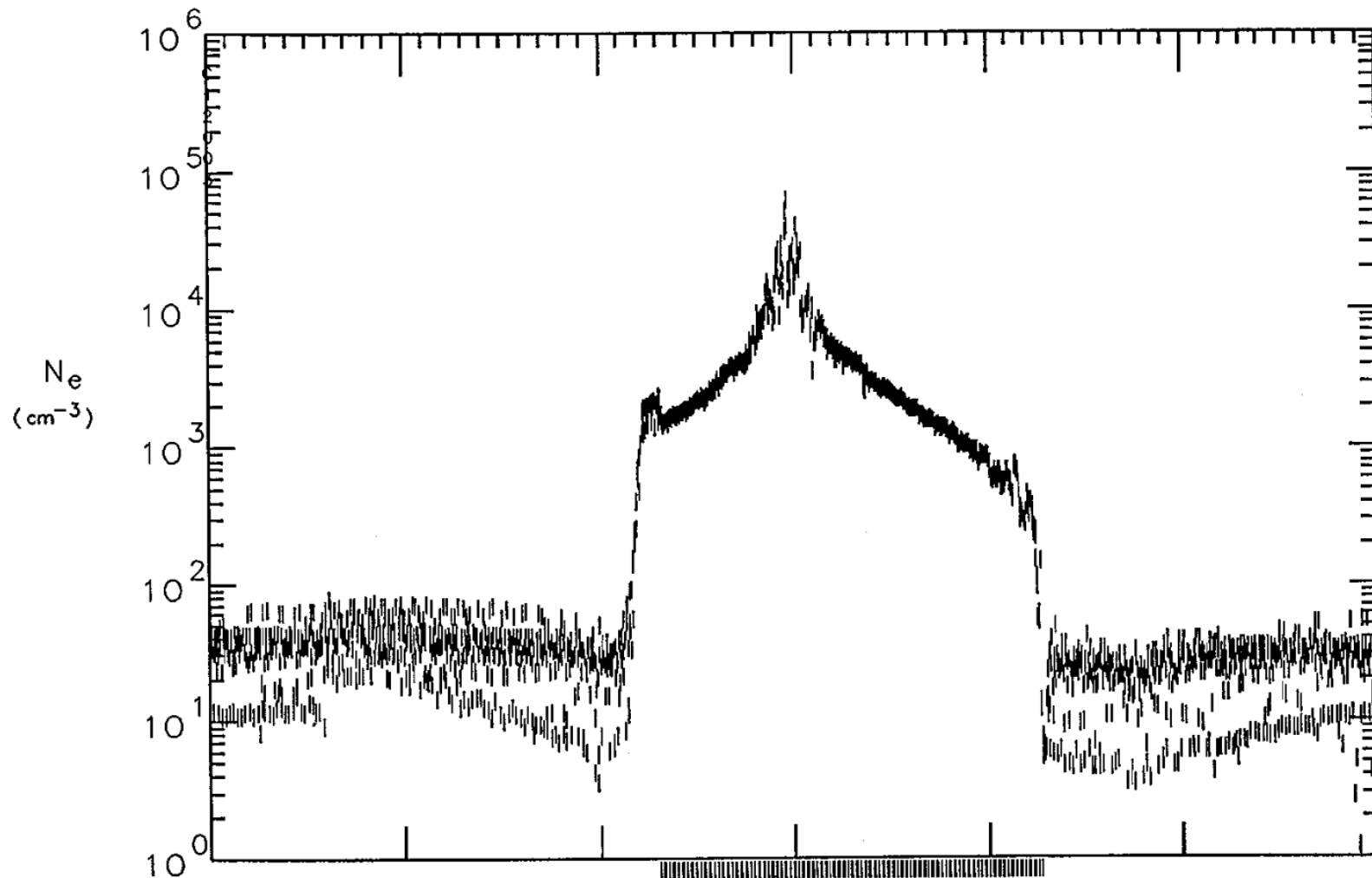
Universal Time, Day 80104

Ne hi-res Radial

Plotted:  
20-JUL-93  
16:11:30

37740	38340	38940	39540	40140	40740	41340
10:29	10:39	10:49	10:59	11: 9	11:19	11:29

secs  
hh:mm



Orbit  
495

ALT	6313	3634	1242	160	1335	3756	6437	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	-44	-88	-159	176	162	143	113	deg
SZA	66	80	103	135	135	117	105	deg
LST	11.7	14.4	19.4	21.1	22.0	23.2	1.0	hr

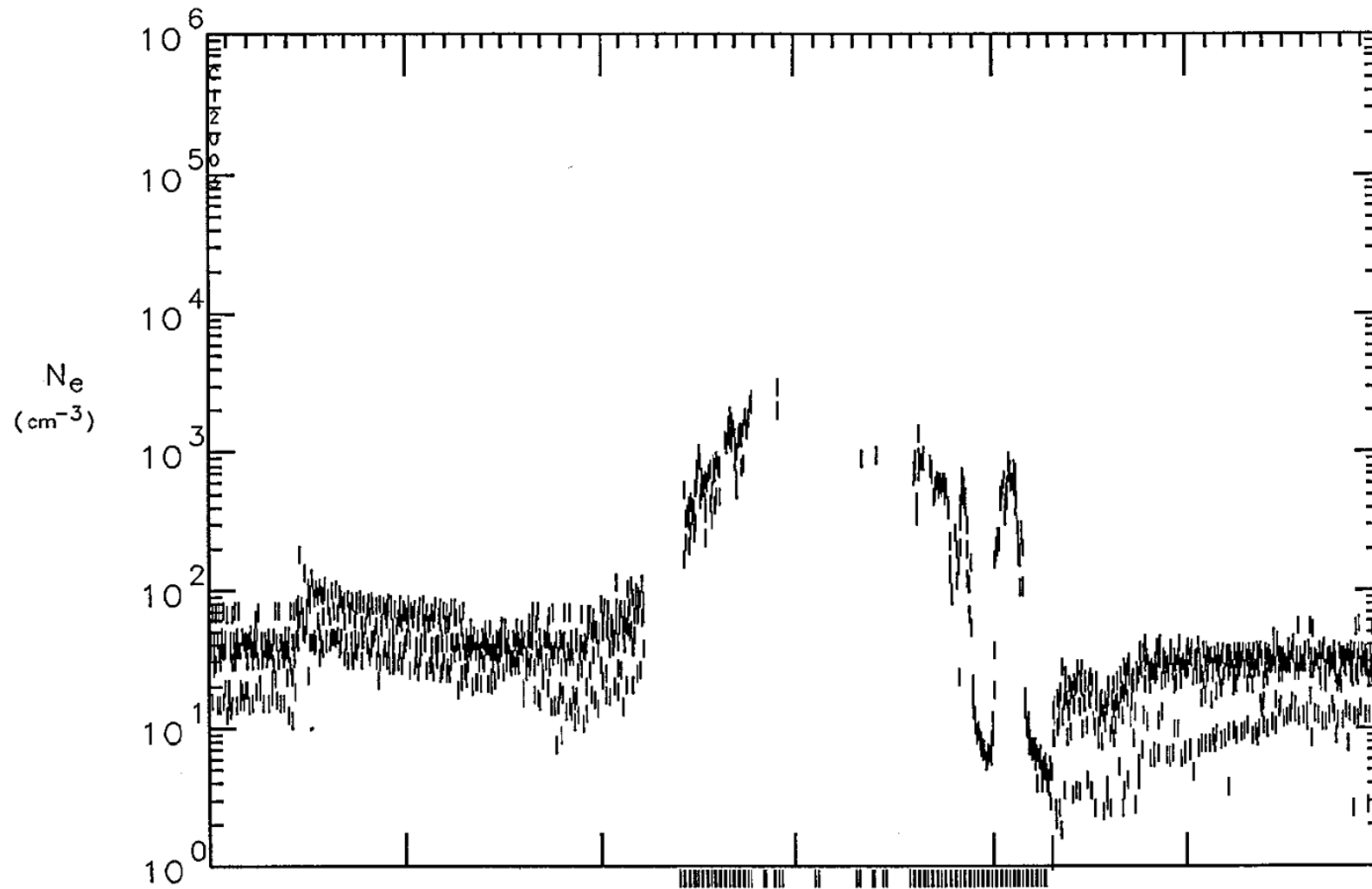
Universal Time, Day 80105

Ne hi-res Radial

Plotted:  
20-JUL-93  
16:19:28

37740	38340	38940	39540	40140	40740	41340
10:29	10:39	10:49	10:59	11: 9	11:19	11:29

secs  
hh:mm



Orbit  
496

ALT	6280	3603	1220	165	1362	3789	6469	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-43	-87	-158	177	163	144	114	deg
SZA	66	80	104	136	135	117	104	deg
LST	11.8	14.5	19.5	21.2	22.1	23.3	1.1	hr

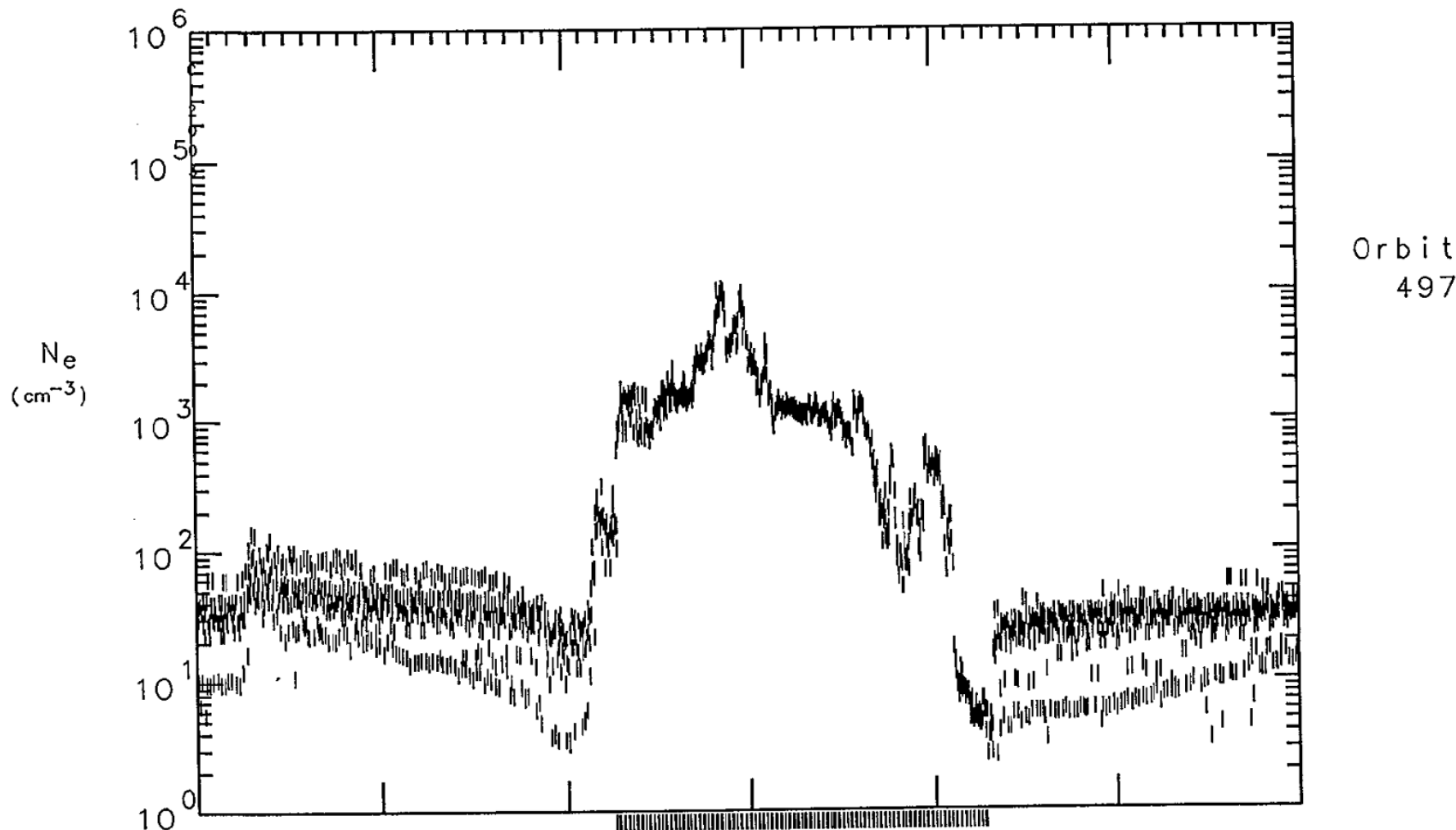


Universal Time, Day 80106

Ne hi-res Radial

Plotted:  
20-JUL-93  
16:26:40

37740	38340	38940	39540	40140	40740	41340	secs
10:29	10:39	10:49	10:59	11: 9	11:19	11:29	hh:mm



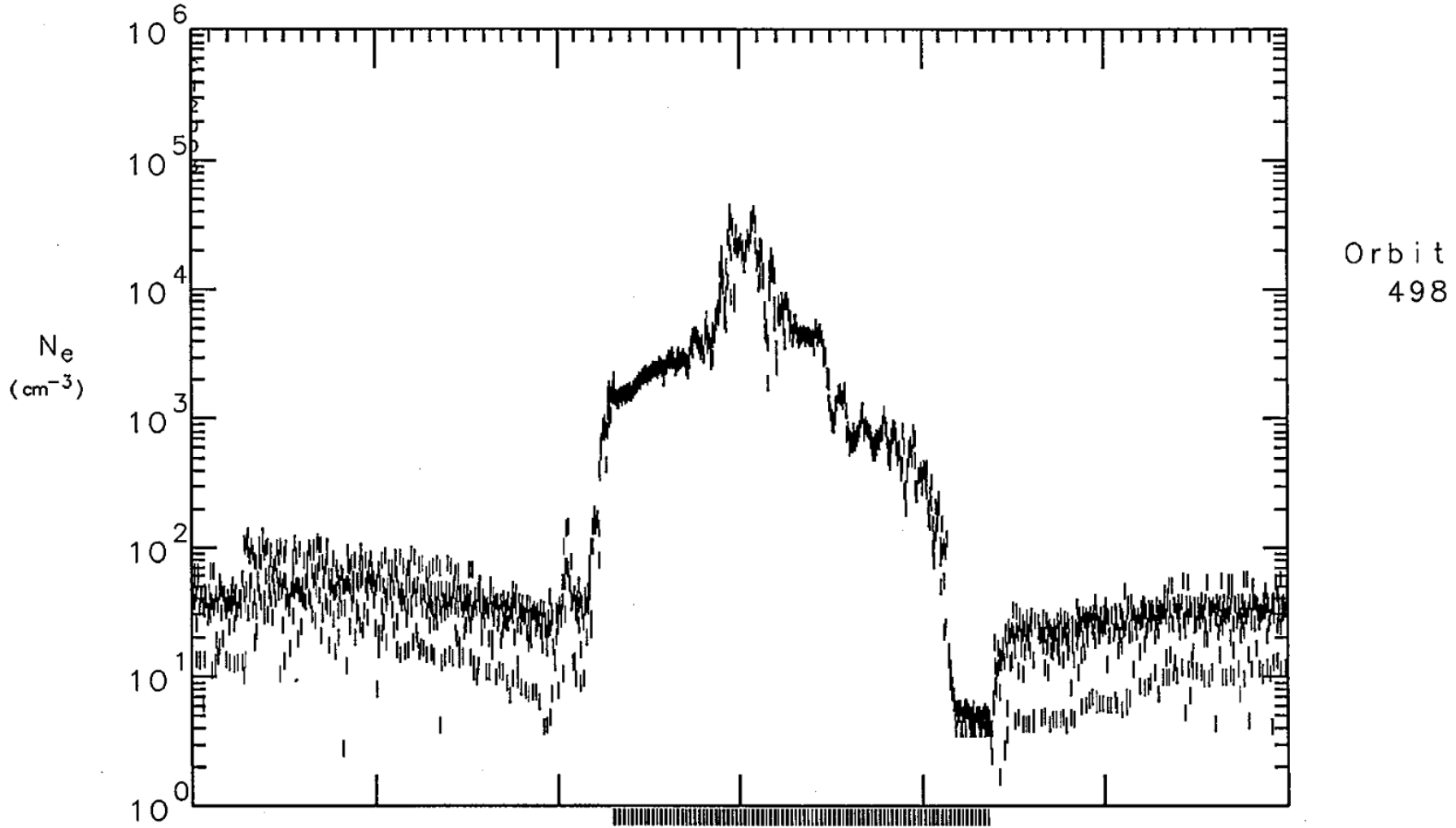
ALT	6249	3574	1201	170	1389	3820	6500	km
LAT	64	73	57	11	-33	-59	-71	deg
LONG	-42	-87	-157	179	164	145	115	deg
SZA	67	81	105	138	136	117	104	deg
LST	11.9	14.7	19.7	21.3	22.2	23.4	1.3	hr

Universal Time, Day 80107

Ne hi-res Radial

Plotted:  
20-JUL-93  
16:34:31

37680	38280	38880	39480	40080	40680	41280	secs
10:28	10:38	10:48	10:58	11: 8	11:18	11:28	hh:mm



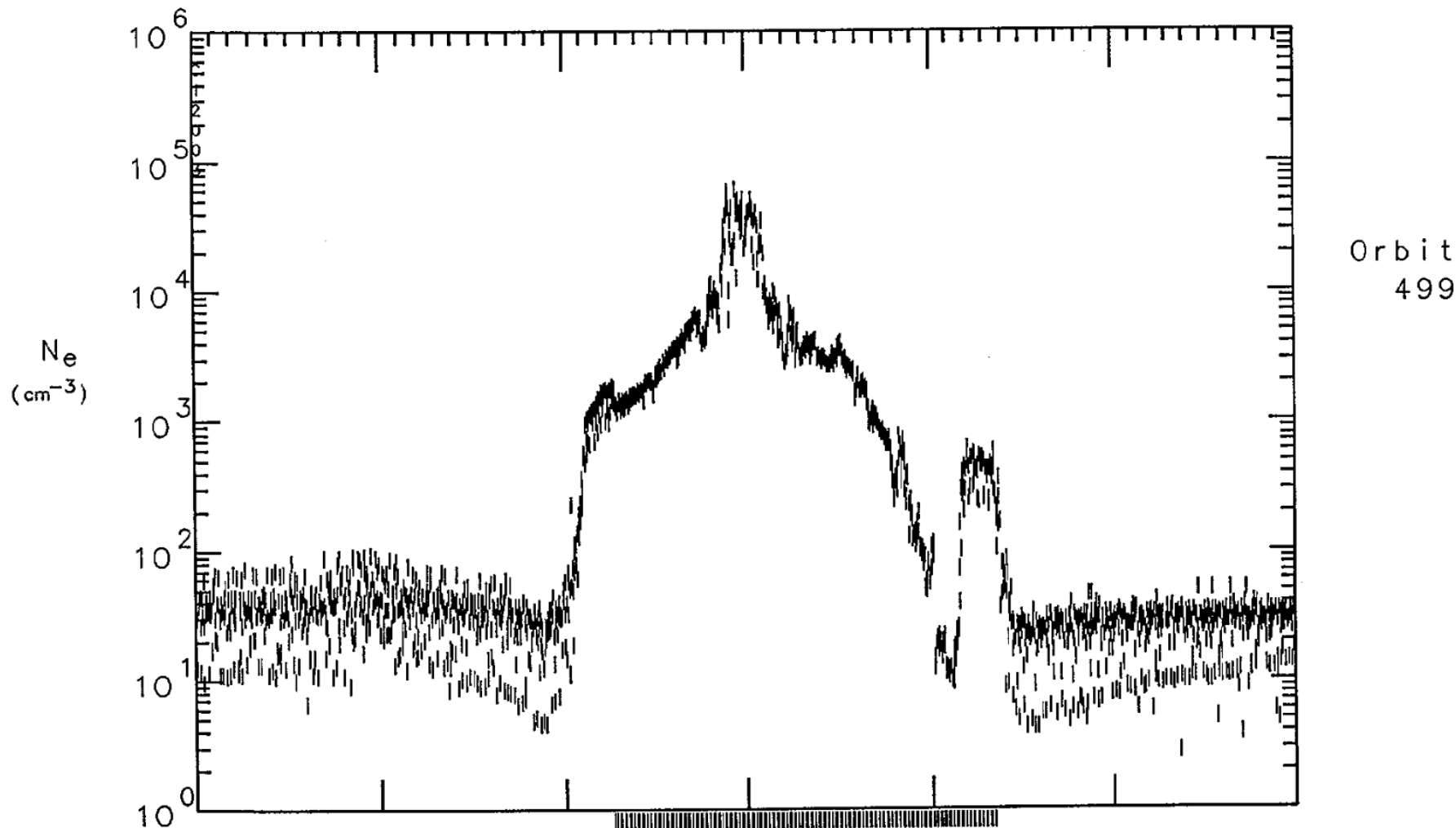
ALT	6427	3741	1314	142	1238	3641	6325	km
LAT	63	73	59	15	-31	-58	-71	deg
LONG	-39	-80	-152	-178	166	148	118	deg
SZA	66	79	104	138	138	118	104	deg
LST	11.9	14.5	19.6	21.3	22.3	23.5	1.3	hr

Universal Time, Day 80108

Ne hi-res Radial

Plotted:  
20-JUL-93  
16:42:23

37620	38220	38820	39420	40020	40620	41220	secs
10:27	10:37	10:47	10:57	11: 7	11:17	11:27	hh:mm



ALT	6367	3683	1272	146	1285	3700	6385	km
LAT	64	73	59	14	-32	-59	-71	deg
LONG	-38	-80	-152	-177	168	149	119	deg
SZA	66	80	105	140	139	118	104	deg
LST	12.1	14.7	19.7	21.5	22.4	23.6	1.4	hr