

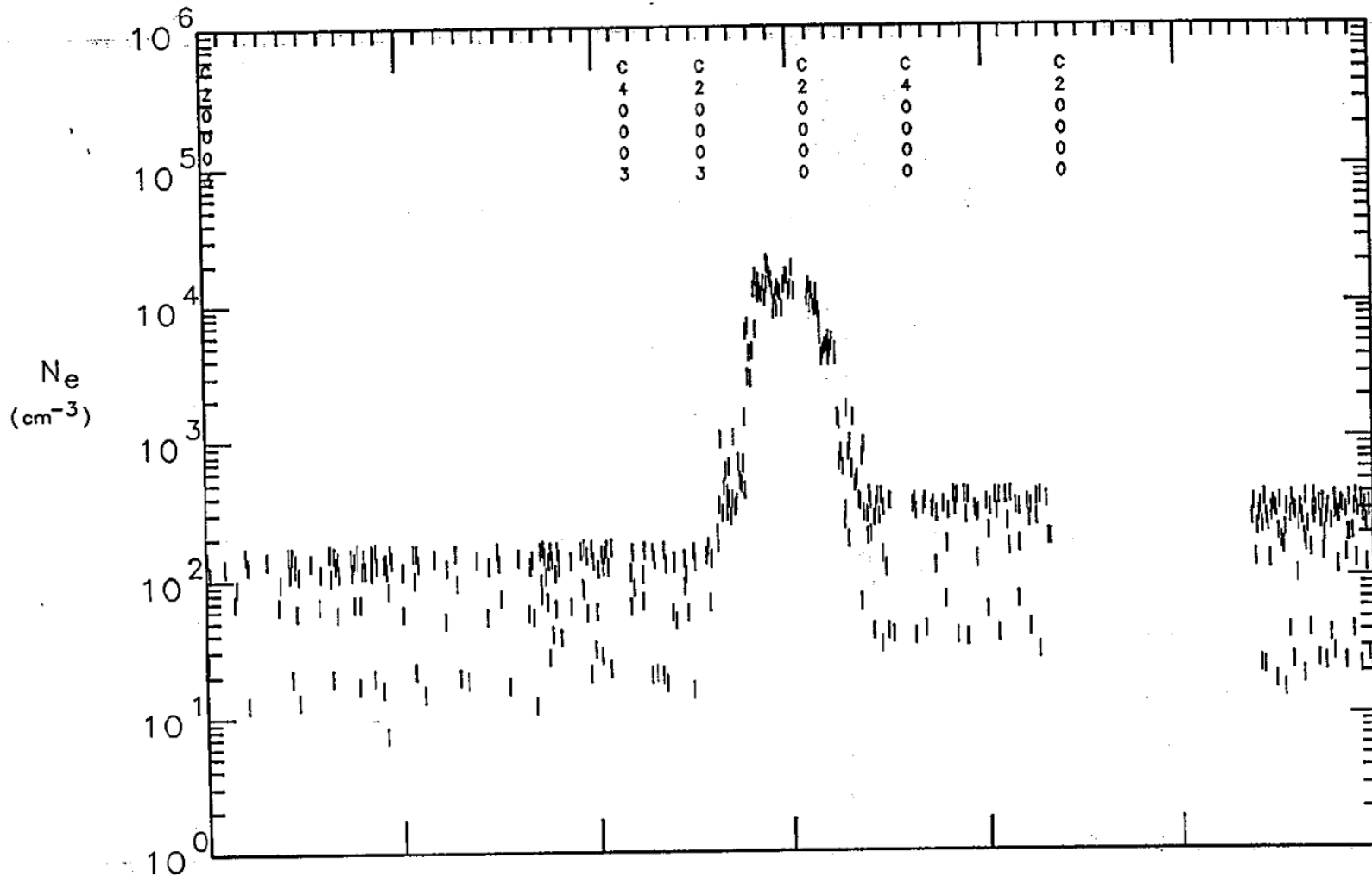
Ne hi-res Radiol

Plotted:
13-JUL-93
09:40:01

Universal Time, Day 78339

52860	53460	54060	54660	55260	55860	56460
14:41	14:51	15: 1	15:11	15:21	15:31	15:41

secs
hh:mm



Orbit
1

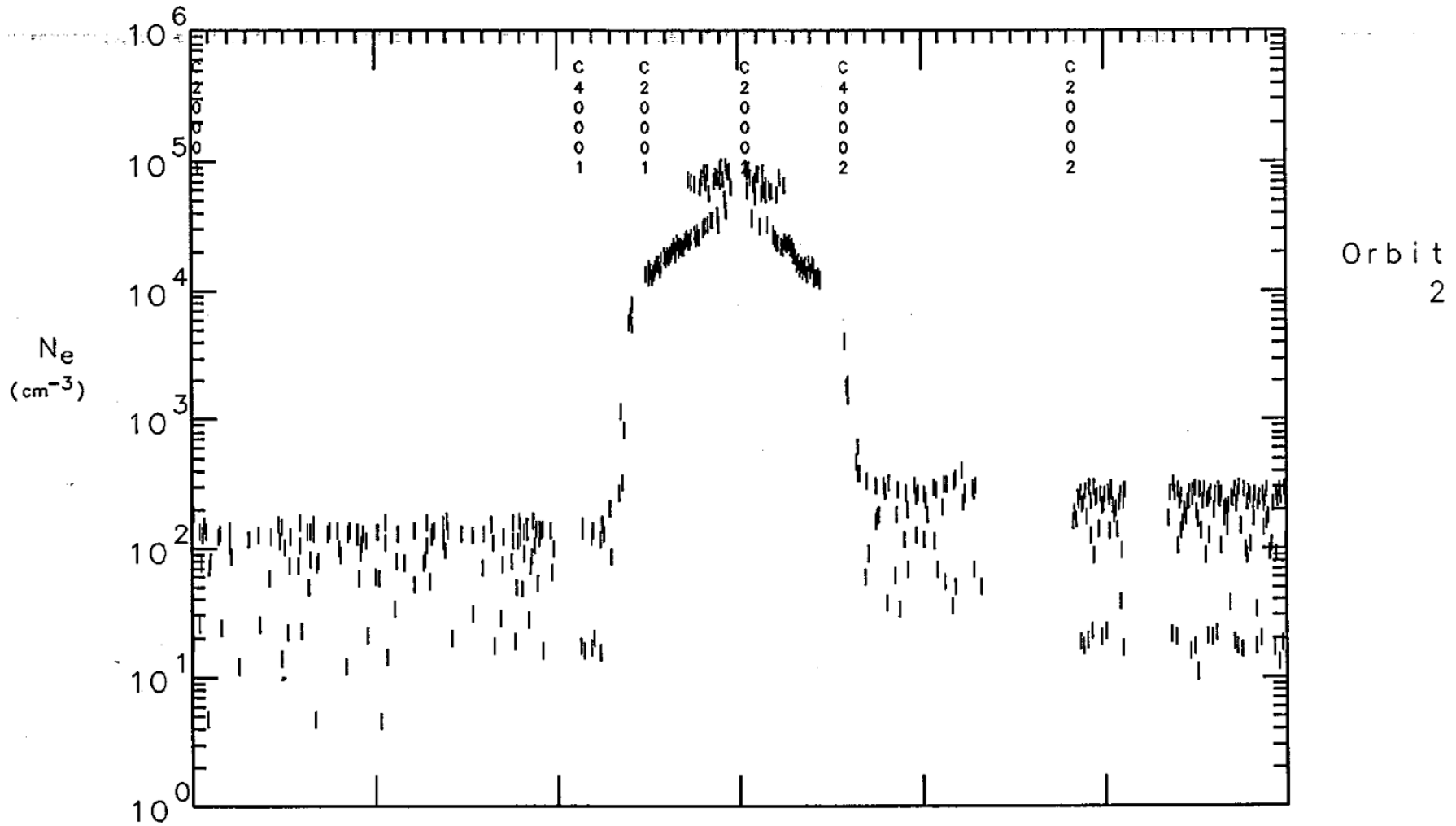
ALT	6393	3786	1472	378	1391	3677	6281	km
LAT	63	74	60	18	-26	-54	-68	deg
LONG	-54	-95	-170	164	151	136	114	deg
SZA	86	79	68	63	75	87	96	deg
LST	6.5	9.1	14.4	16.1	16.9	17.8	19.2	hr

Universal Time, Day 78340

Ne hi-res Radial

Plotted:
13-JUL-93
09:47:32

49920	50520	51120	51720	52320	52920	53520	secs
13:52	14: 2	14:12	14:22	14:32	14:42	14:52	hh:mm



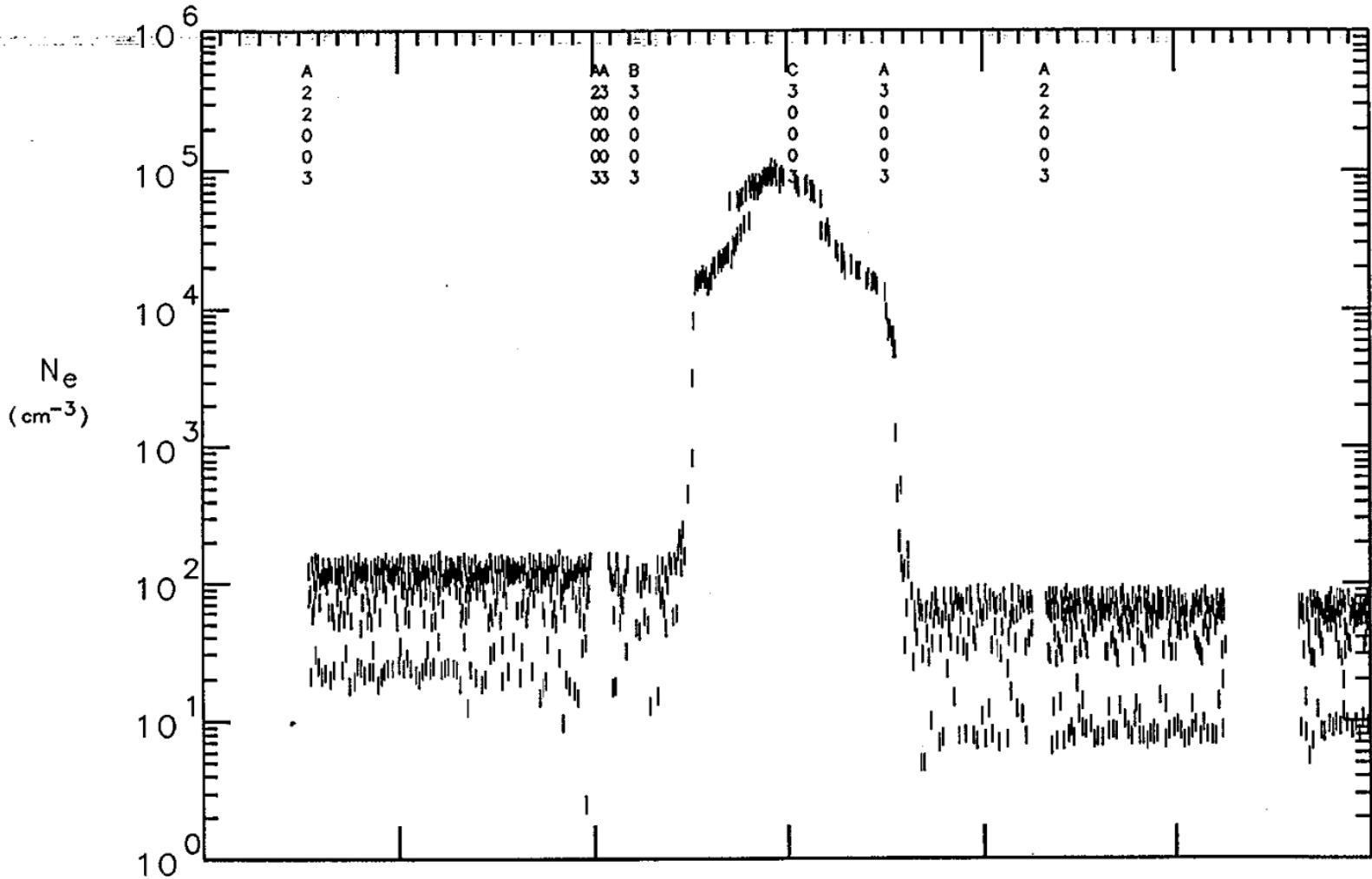
ALT	6267	3625	1285	248	1399	3775	6421	km
LAT	63	74	60	15	-29	-56	-70	deg
LONG	-52	-93	-170	165	151	136	111	deg
SZA	86	79	68	64	77	89	97	deg
LST	6.6	9.1	14.5	16.2	17.1	18.1	19.6	hr

Universal Time, Day 78341

Ne hi-res Radial

Plotted:
13-JUL-93
09:55:58

50520	51120	51720	52320	52920	53520	54120	secs
14: 2	14:12	14:22	14:32	14:42	14:52	15: 2	hh:mm



Orbit
3

ALT	6317	3648	1272	200	1359	3763	6434	km
LAT	63	73	60	15	-29	-56	-70	deg
LONG	-50	-90	-168	166	153	136	111	deg
SZA	85	78	69	66	79	91	98	deg
LST	6.7	9.1	14.6	16.3	17.2	18.2	19.8	hr

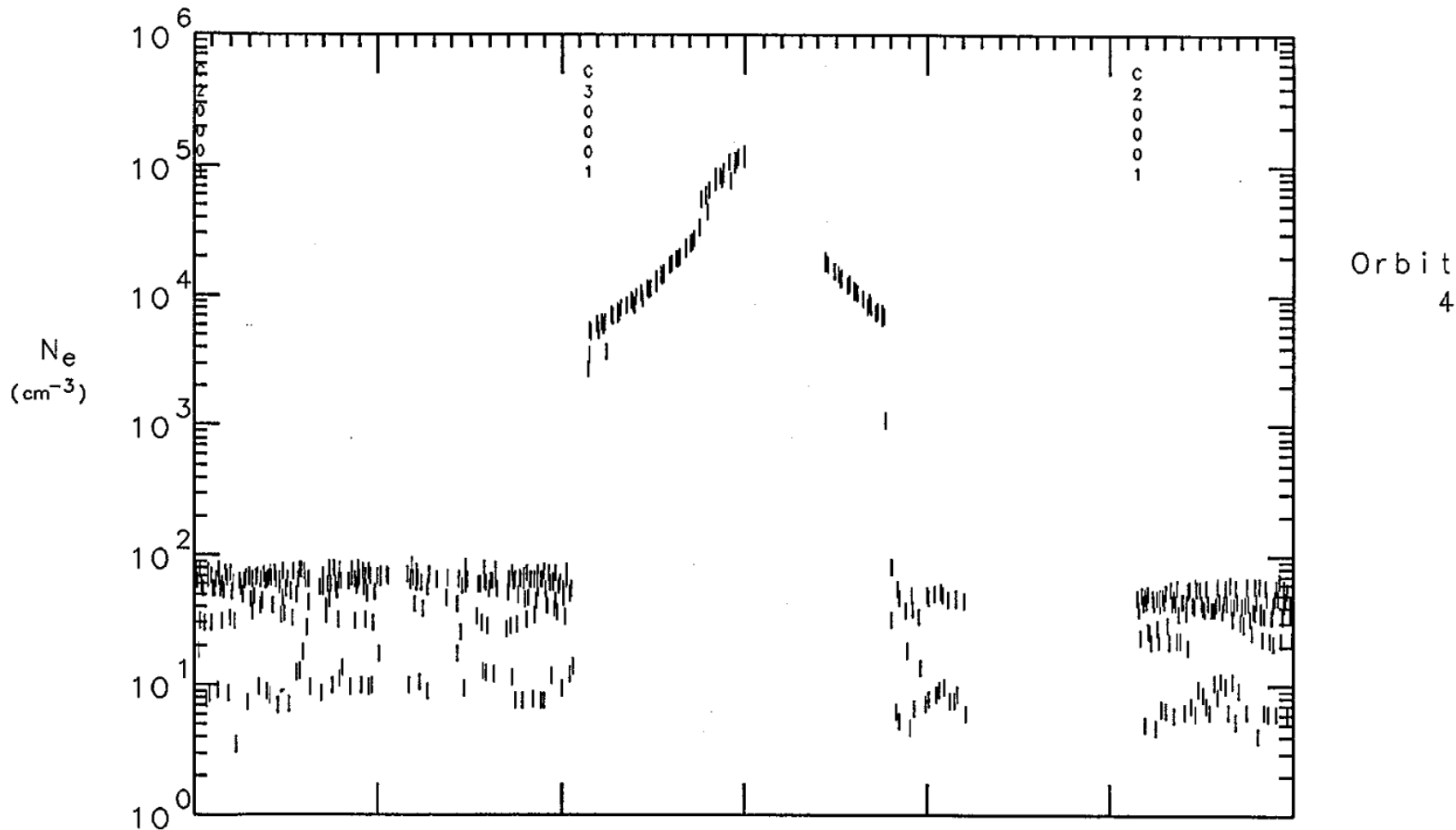
Universal Time, Day 78342

Ne hi-res Radial

Plotted:
12-JUL-93
11:28:01

51000	51600	52200	52800	53400	54000	54600
14:10	14:20	14:30	14:40	14:50	15: 0	15:10

secs
hh:mm



ALT	6432	3756	1344	180	1261	3647	6322	km
LAT	62	73	62	17	-28	-56	-70	deg
LONG	-48	-85	-164	168	155	139	114	deg
SZA	85	79	70	67	80	91	98	deg
LST	6.8	9.0	14.5	16.4	17.3	18.3	19.8	hr

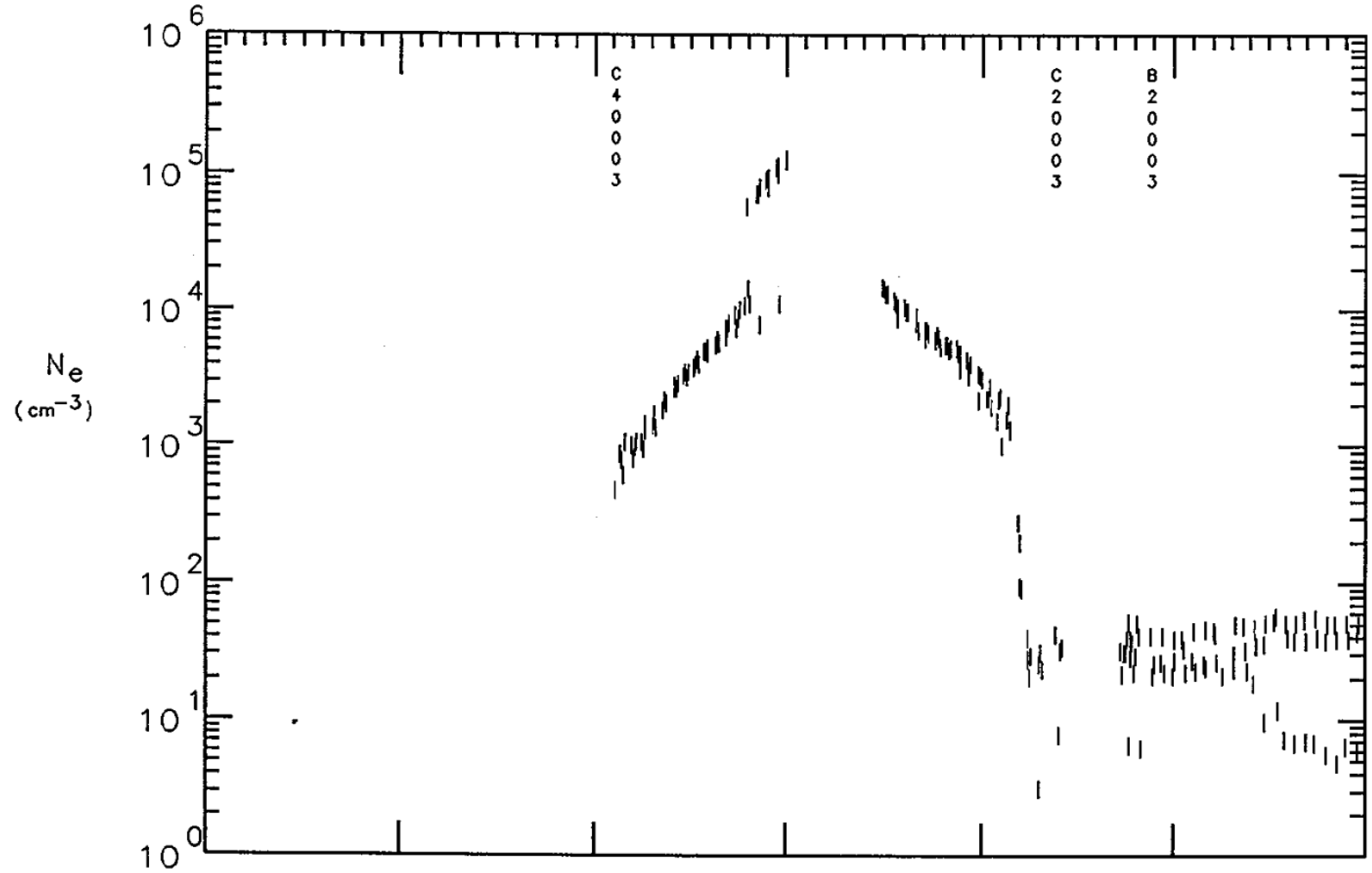
Ne hi-res Radial

Plotted:
12-JUL-93
11:36:48

Universal Time, Day 78343

51480	52080	52680	53280	53880	54480	55080
14:18	14:28	14:38	14:48	14:58	15: 8	15:18

secs
hh:mm



Orbit
5

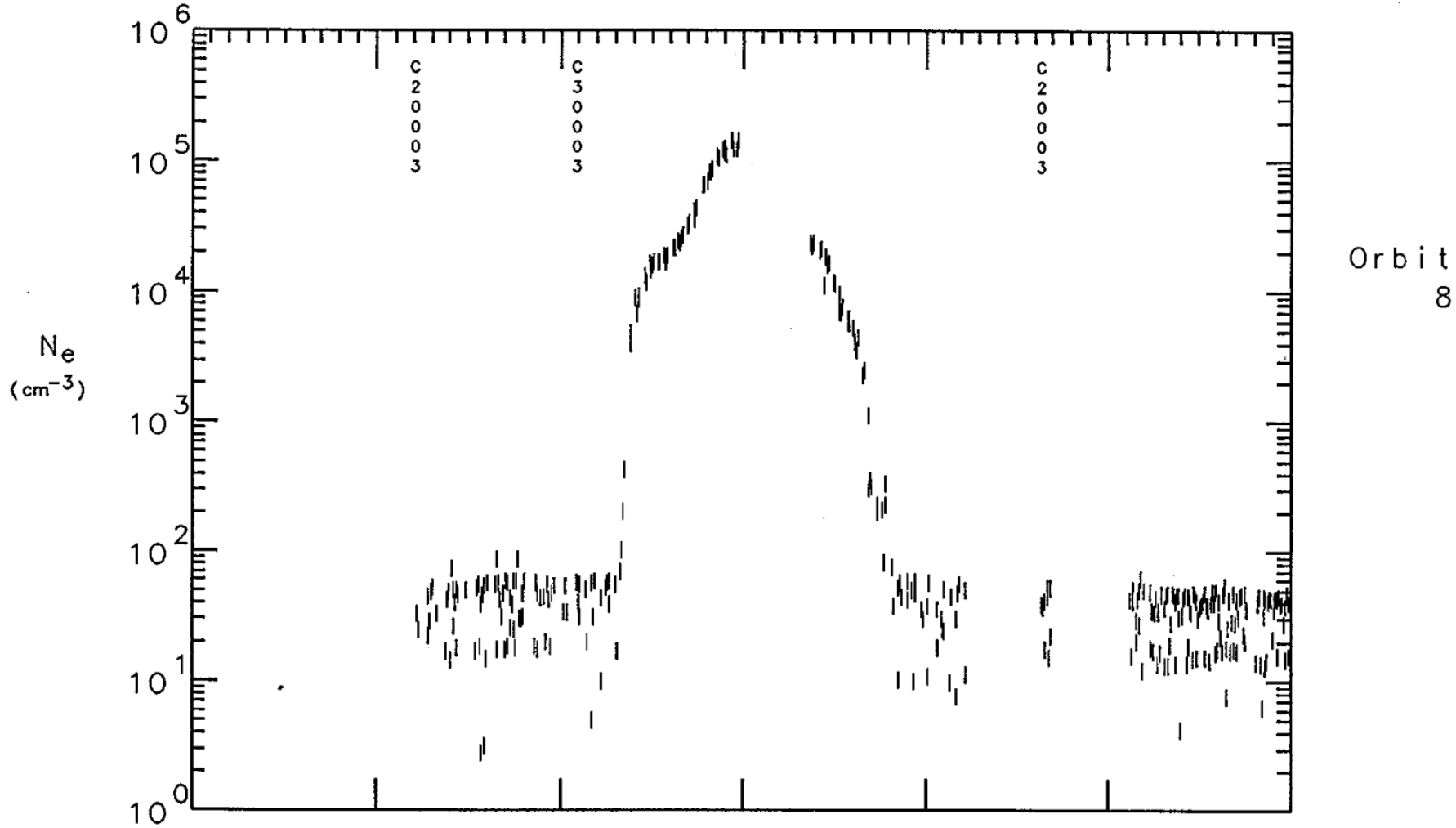
ALT	6443	3766	1352	180	1252	3636	6311	km
LAT	62	73	62	18	-28	-56	-70	deg
LONG	-46	-83	-162	170	156	140	115	deg
SZA	84	78	71	69	81	92	98	deg
LST	6.9	9.1	14.6	16.5	17.4	18.4	19.9	hr

Universal Time, Day 78346

Ne hi-res Radial

Plotted:
12-JUL-93
11:41:53

52920	53520	54120	54720	55320	55920	56520	secs
14:42	14:52	15: 2	15:12	15:22	15:32	15:42	hh:mm



ALT	6340	3662	1267	169	1323	3736	6415	km
LAT	62	73	61	16	-30	-57	-70	deg
LONG	-42	-81	-160	174	160	144	118	deg
SZA	82	78	72	74	86	95	100	deg
LST	7.2	9.6	15.1	16.9	17.8	18.8	20.3	hr

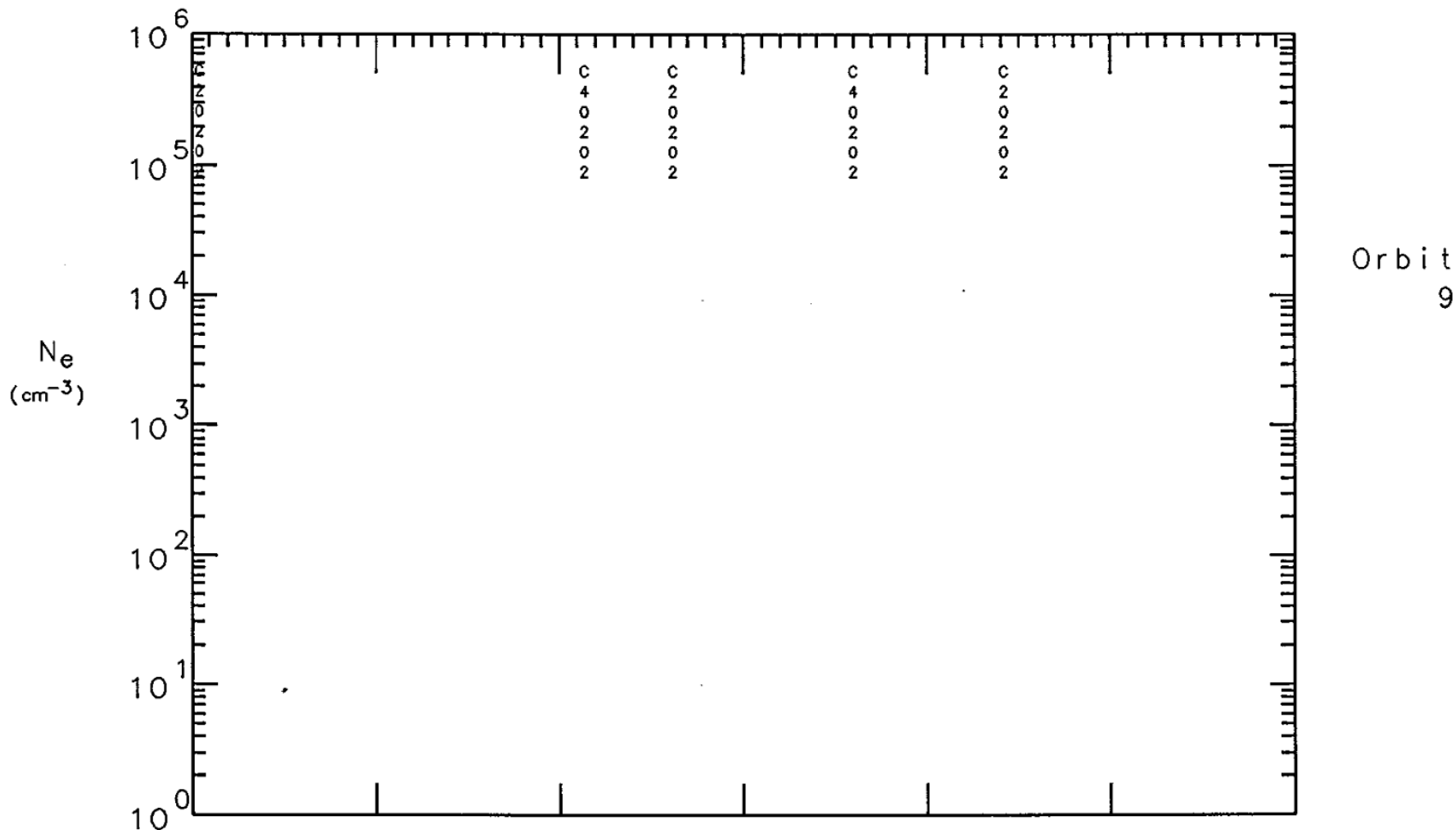
Universal Time, Day 78347

Ne hi-res Radial

Plotted:
12-JUL-93
11:48:24

53340	53940	54540	55140	55740	56340	56940
14:49	14:59	15: 9	15:19	15:29	15:39	15:49

secs
hh:mm



ALT	6506	3822	1385	160	1193	3571	6251	km
LAT	63	74	63	19	-28	-57	-71	deg
LONG	-37	-74	-158	176	163	149	124	deg
SZA	83	79	75	75	86	94	98	deg
LST	7.1	9.3	15.2	16.9	17.8	18.7	20.2	hr

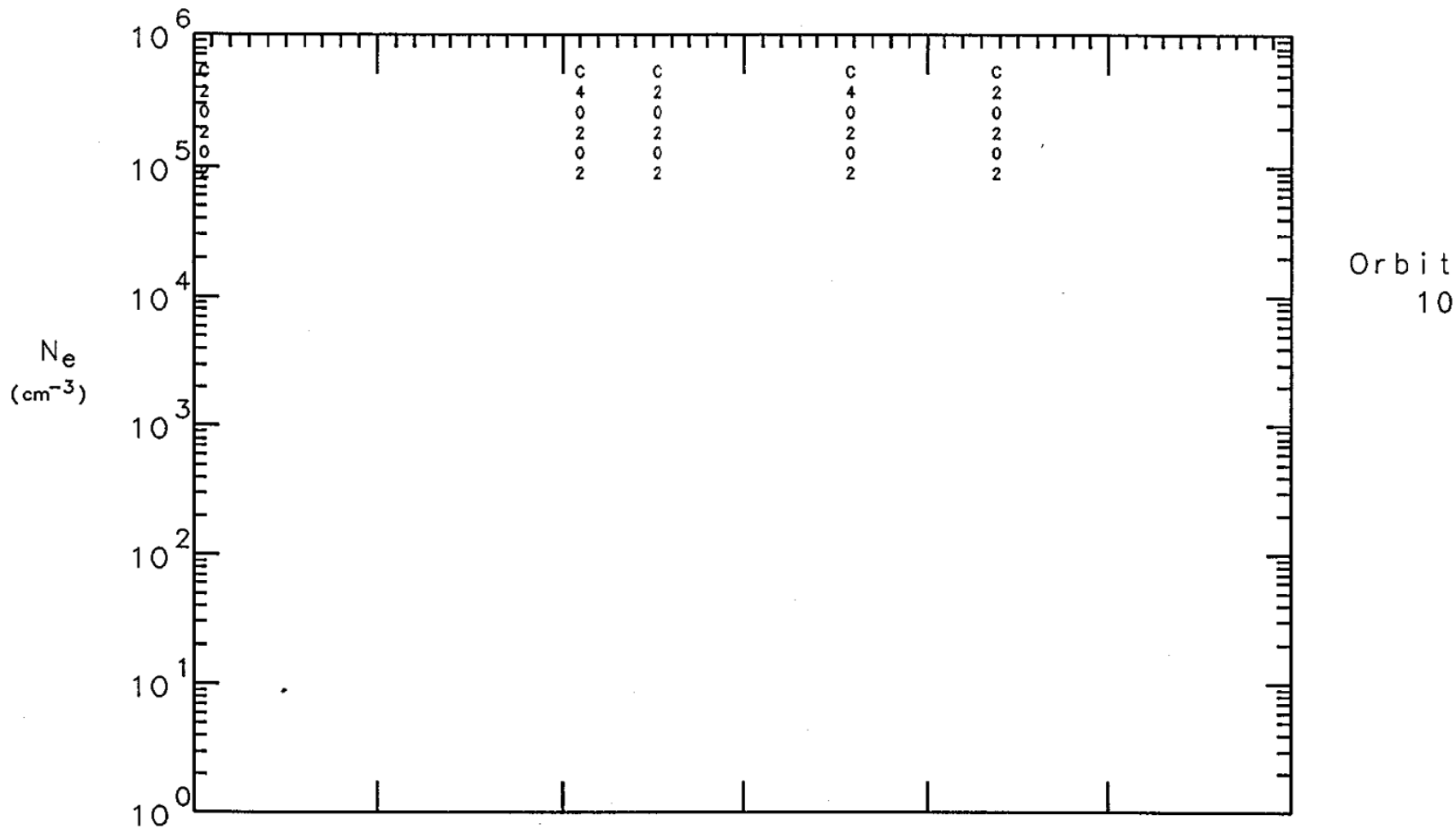
Universal Time, Day 78348

Ne hi-res Radial

Plotted:
12-JUL-93
11:53:37

53940	54540	55140	55740	56340	56940	57540
14:59	15: 9	15:19	15:29	15:39	15:49	15:59

secs
hh:mm



ALT	6372	3690	1283	159	1294	3704	6387	km
LAT	62	73	61	16	-29	-57	-70	deg
LONG	-39	-76	-156	177	163	147	122	deg
SZA	81	77	74	77	88	96	100	deg
LST	7.4	9.7	15.3	17.1	18.0	19.0	20.5	hr

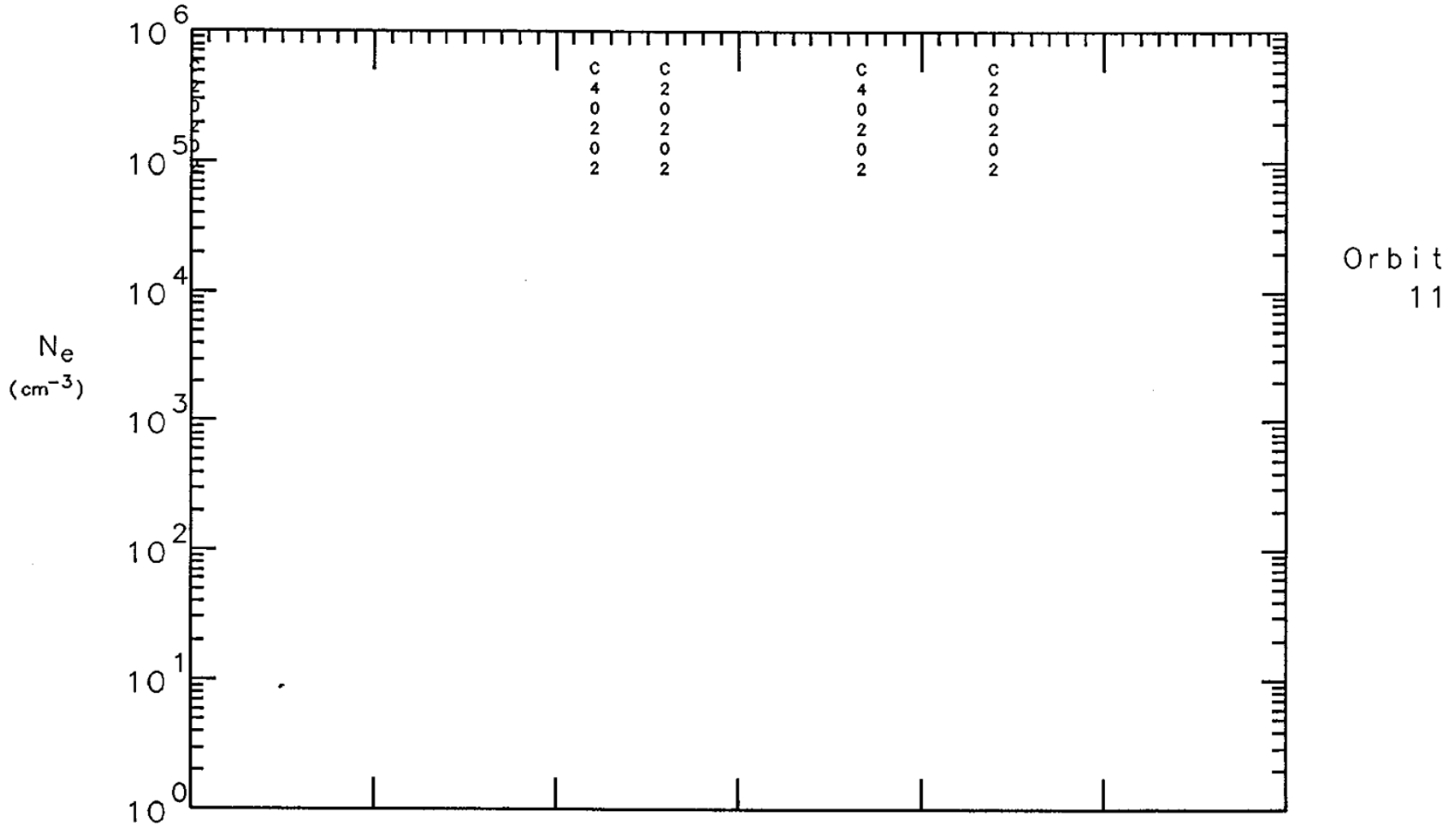
Universal Time, Day 78349

Ne hi-res Radial

Plotted:
12-JUL-93
12:00:06

54480	55080	55680	56280	56880	57480	58080
15: 8	15:18	15:28	15:38	15:48	15:58	16: 8

secs
hh:mm



ALT	6487	3801	1367	156	1206	3591	6273	km
LAT	62	73	63	19	-28	-56	-70	deg
LONG	-37	-72	-152	179	165	149	124	deg
SZA	80	77	74	78	89	97	101	deg
LST	7.5	9.6	15.2	17.1	18.0	19.0	20.6	hr

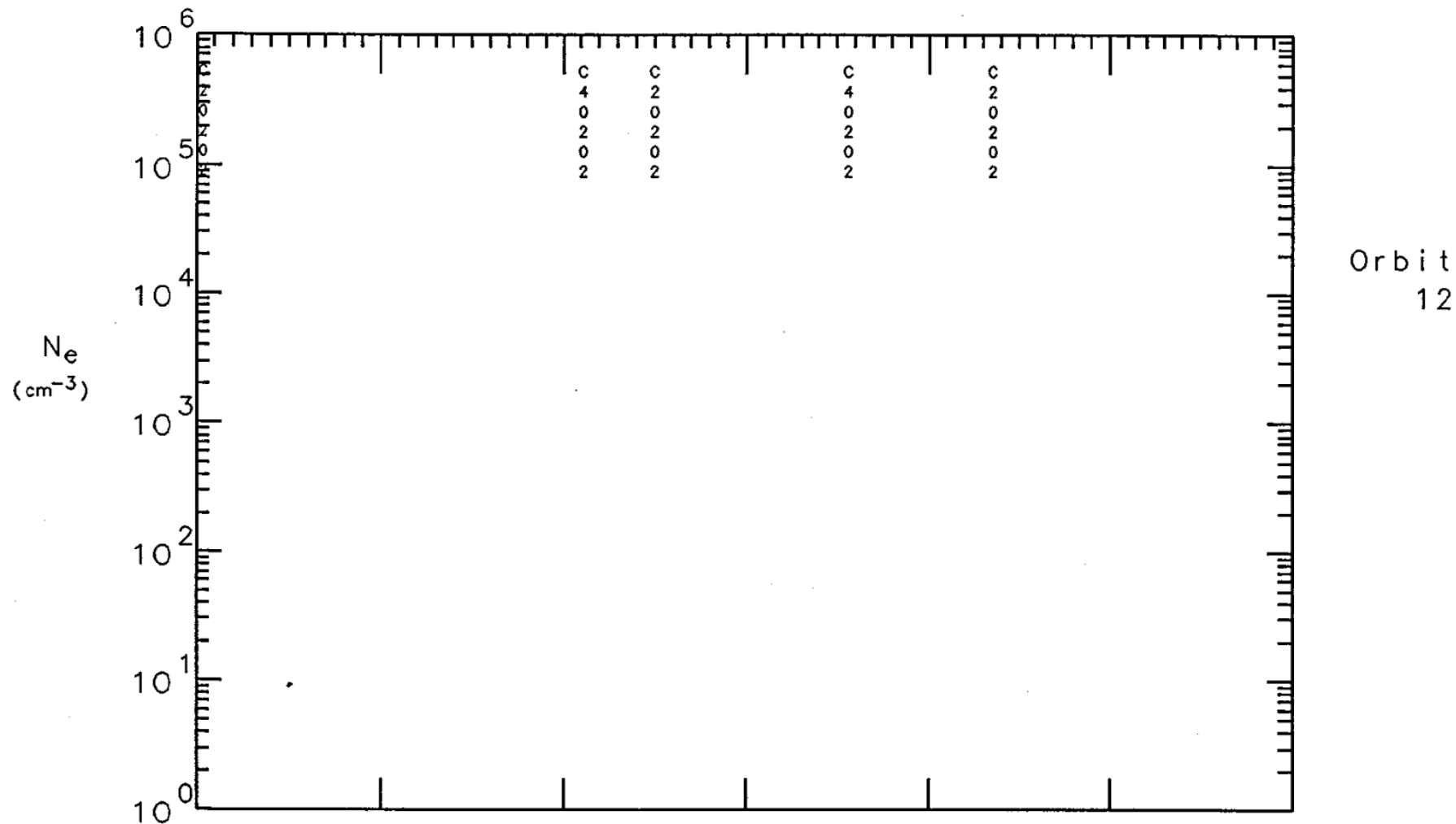
Universal Time, Day 78350

Ne hi-res Radial

Plotted:
12-JUL-93
12:06:41

55080	55680	56280	56880	57480	58080	58680
15:18	15:28	15:38	15:48	15:58	16: 8	16:18

secs
hh:mm



ALT	6275	3593	1207	156	1365	3800	6485	km
LAT	62	73	60	14	-31	-57	-70	deg
LONG	-36	-76	-155	179	166	149	123	deg
SZA	80	77	75	80	91	98	101	deg
LST	7.7	10.1	15.6	17.3	18.2	19.2	20.8	hr

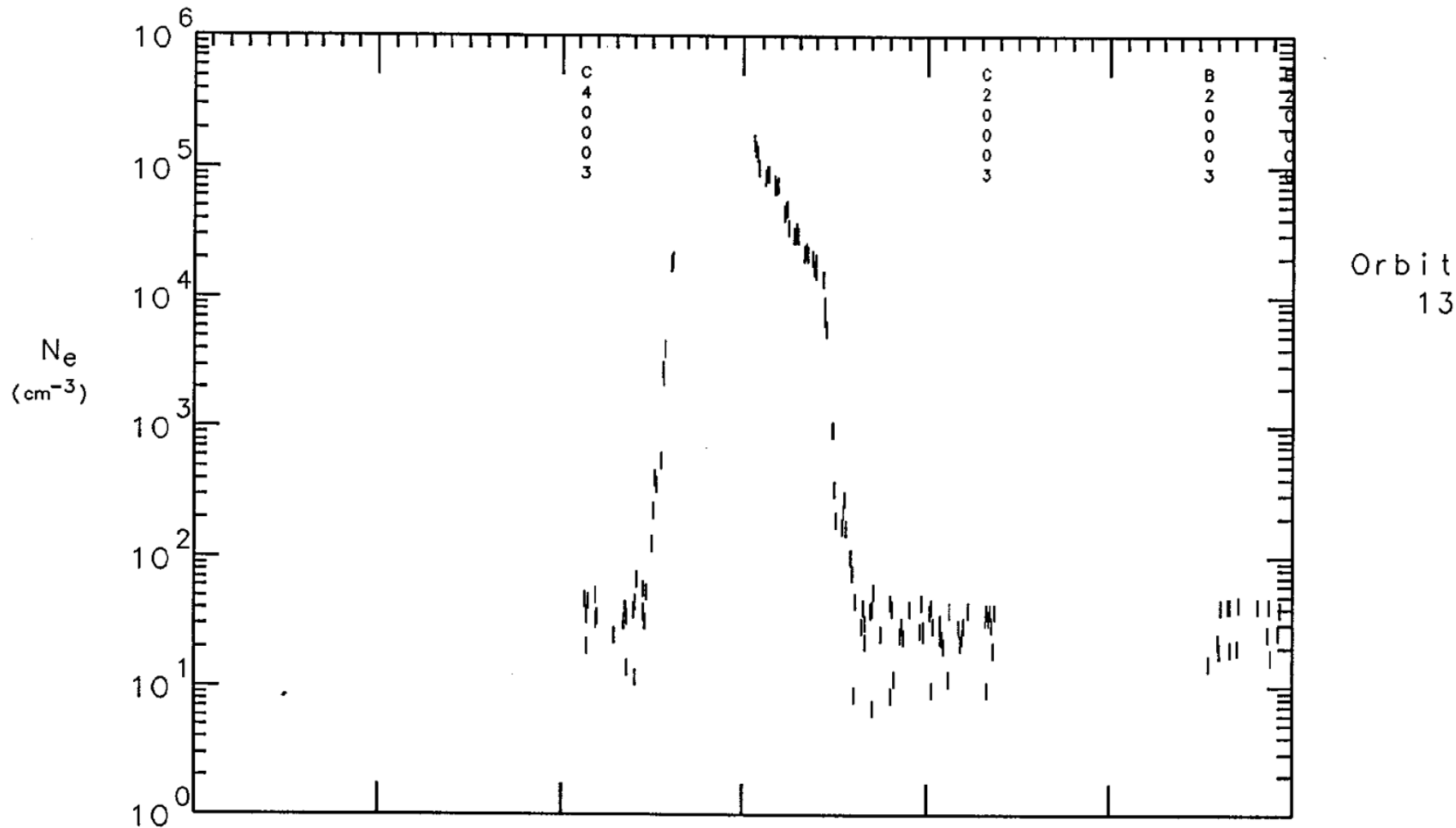
Universal Time, Day 78351

Ne hi-res Radial

Plotted:
12-JUL-93
12:13:12

55620	56220	56820	57420	58020	58620	59220
15:27	15:37	15:47	15:57	16: 7	16:17	16:27

secs
hh:mm



ALT	6296	3613	1222	155	1348	3779	6464	km
LAT	62	73	60	15	-30	-57	-70	deg
LONG	-35	-74	-153	-178	167	151	125	deg
SZA	79	77	76	82	93	99	101	deg
LST	7.7	10.1	15.7	17.4	18.3	19.3	20.9	hr

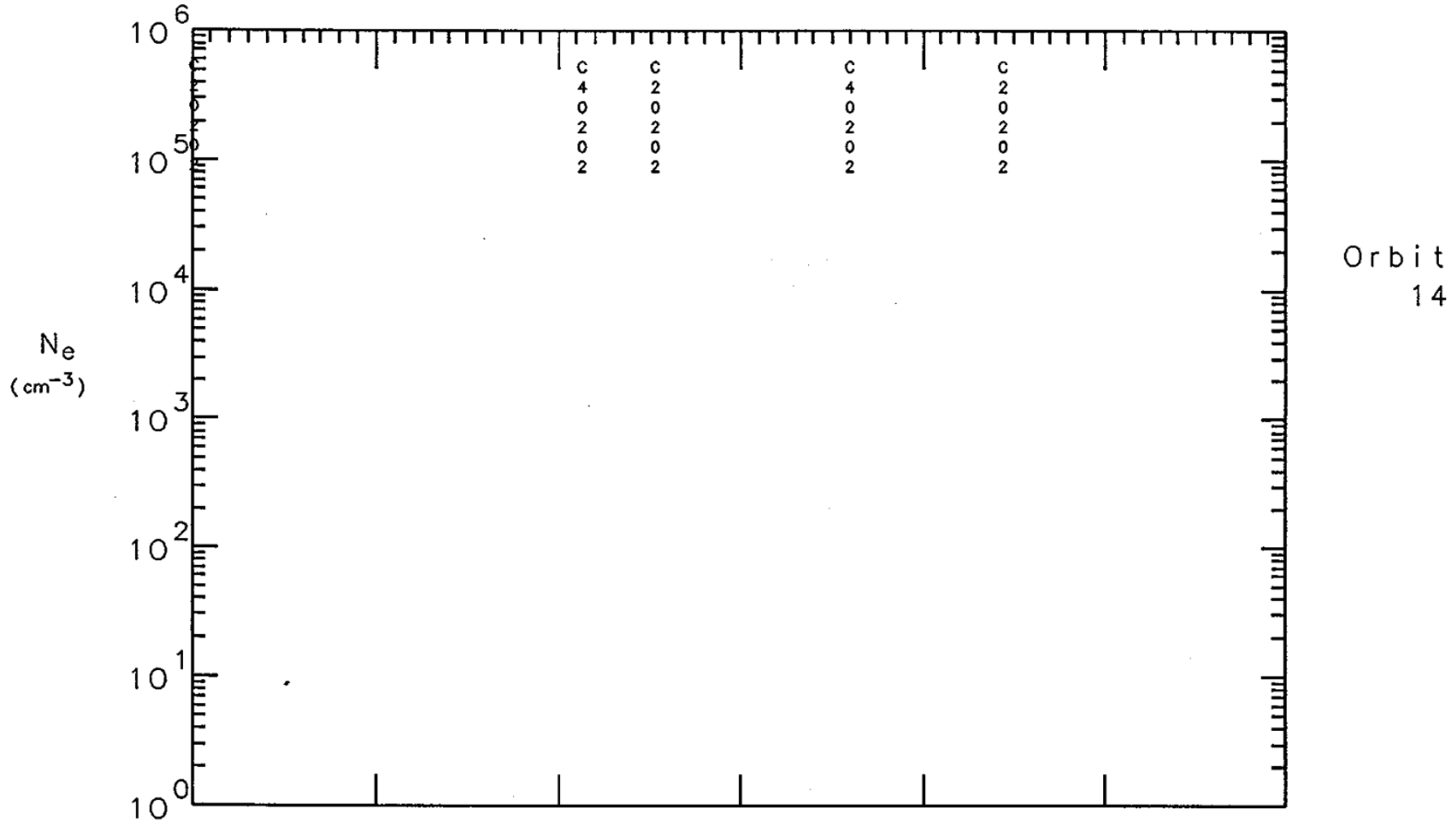
Universal Time, Day 78352

Ne hi-res Radial

Plotted:
12-JUL-93
12:17:16

56160	56760	57360	57960	58560	59160	59760
15:36	15:46	15:56	16: 6	16:16	16:26	16:36

secs
hh:mm



ALT	6290	3608	1218	154	1352	3784	6469	km
LAT	62	73	60	15	-30	-57	-70	deg
LONG	-33	-72	-151	-176	169	153	126	deg
SZA	78	77	76	83	94	100	102	deg
LST	7.9	10.3	15.8	17.5	18.4	19.5	21.0	hr

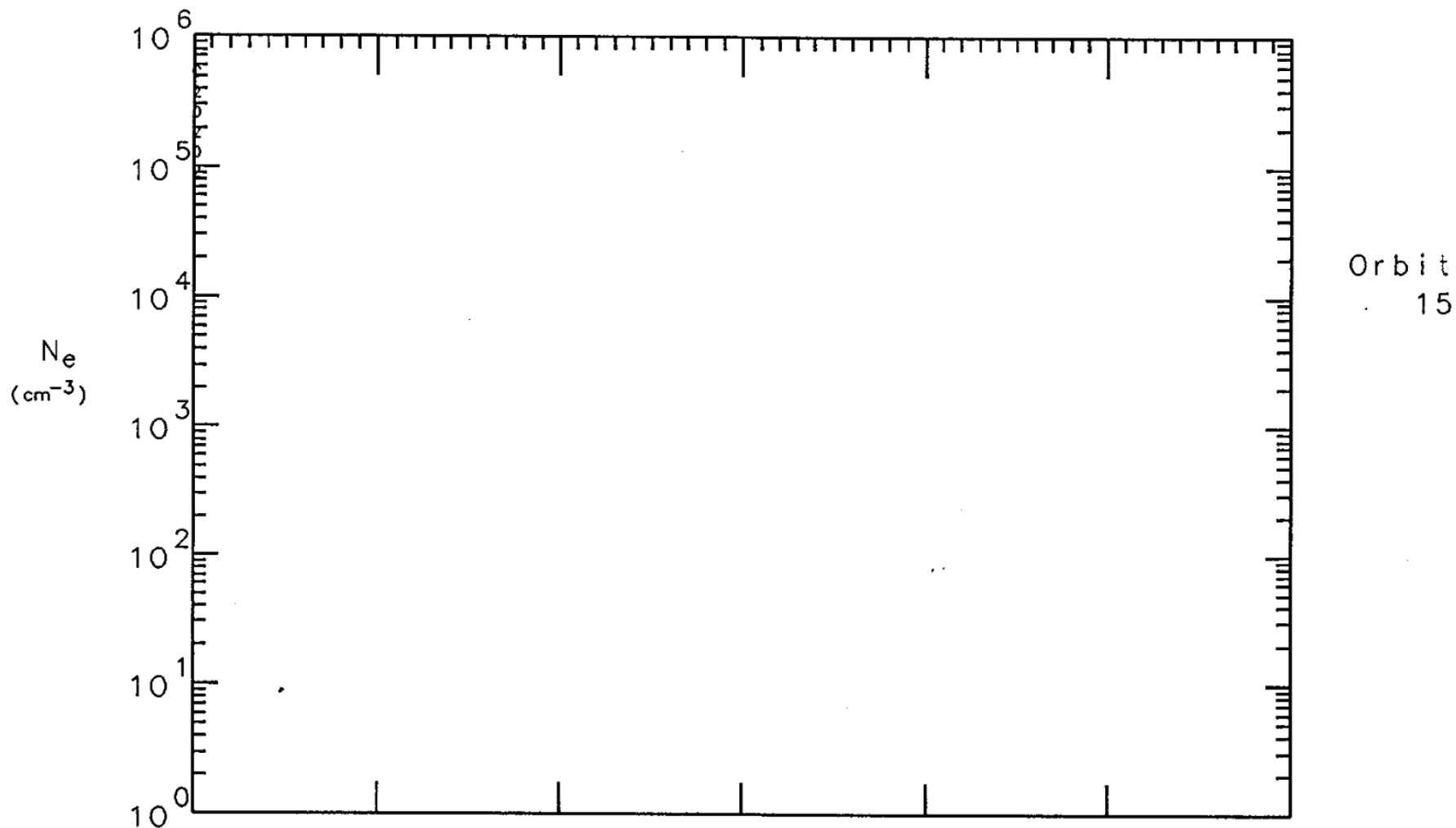
Universal Time, Day 78353

Ne hi-res Radial

Plotted:
12-JUL-93
12:22:59

56700	57300	57900	58500	59100	59700	60300
15:45	15:55	16: 5	16:15	16:25	16:35	16:45

secs
hh:mm



ALT	6266	3584	1199	155	1371	3808	6494	km
LAT	63	73	60	14	-31	-57	-70	deg
LONG	-32	-72	-150	-175	170	154	128	deg
SZA	78	77	77	85	96	100	102	deg
LST	8.0	10.4	15.9	17.7	18.5	19.6	21.2	hr

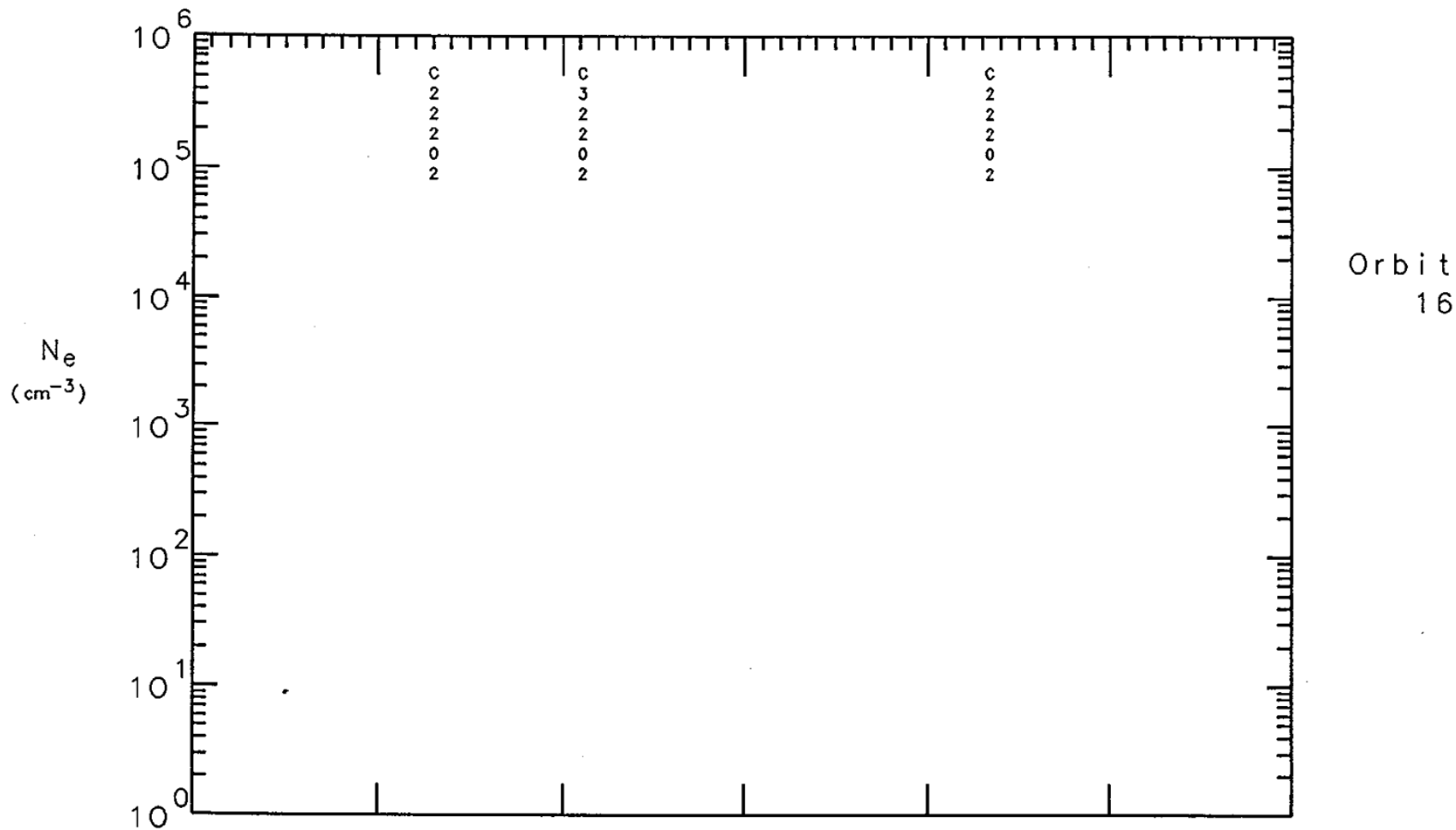
Universal Time, Day 78354

Ne hi-res Radial

Plotted:
12-JUL-93
12:27:31

57180	57780	58380	58980	59580	60180	60780
15:53	16: 3	16:13	16:23	16:33	16:43	16:53

secs
hh:mm



ALT	6483	3796	1360	151	1205	3594	6277	km
LAT	61	73	63	19	-28	-56	-69	deg
LONG	-29	-64	-145	-172	173	157	131	deg
SZA	77	76	77	86	96	101	103	deg
LST	8.0	10.1	15.7	17.7	18.6	19.6	21.1	hr

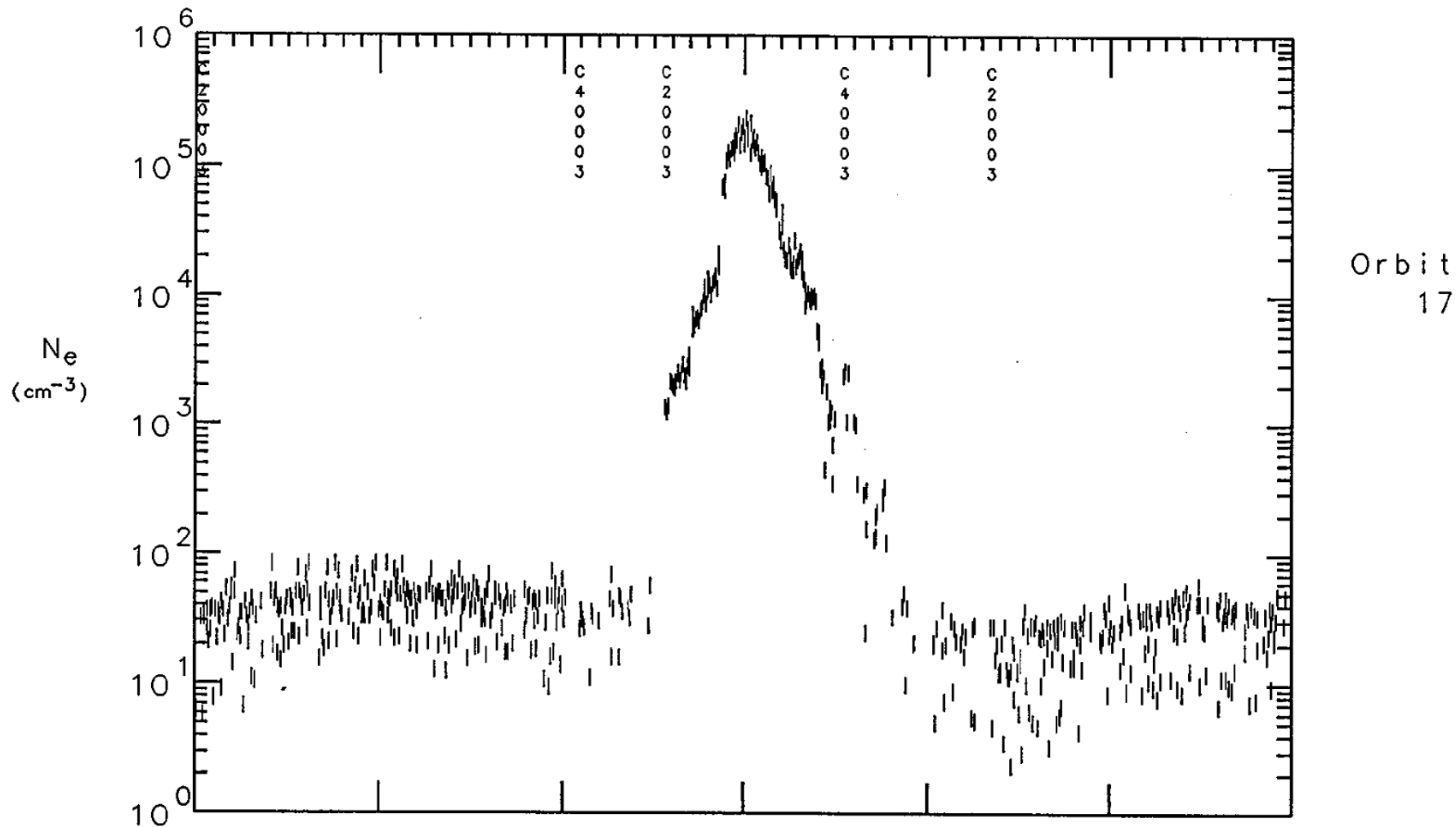
Universal Time, Day 78355

Ne hi-res Radial

Plotted:
12-JUL-93
12:31:35

57720	58320	58920	59520	60120	60720	61320
16: 2	16:12	16:22	16:32	16:42	16:52	17: 2

secs
hh:mm



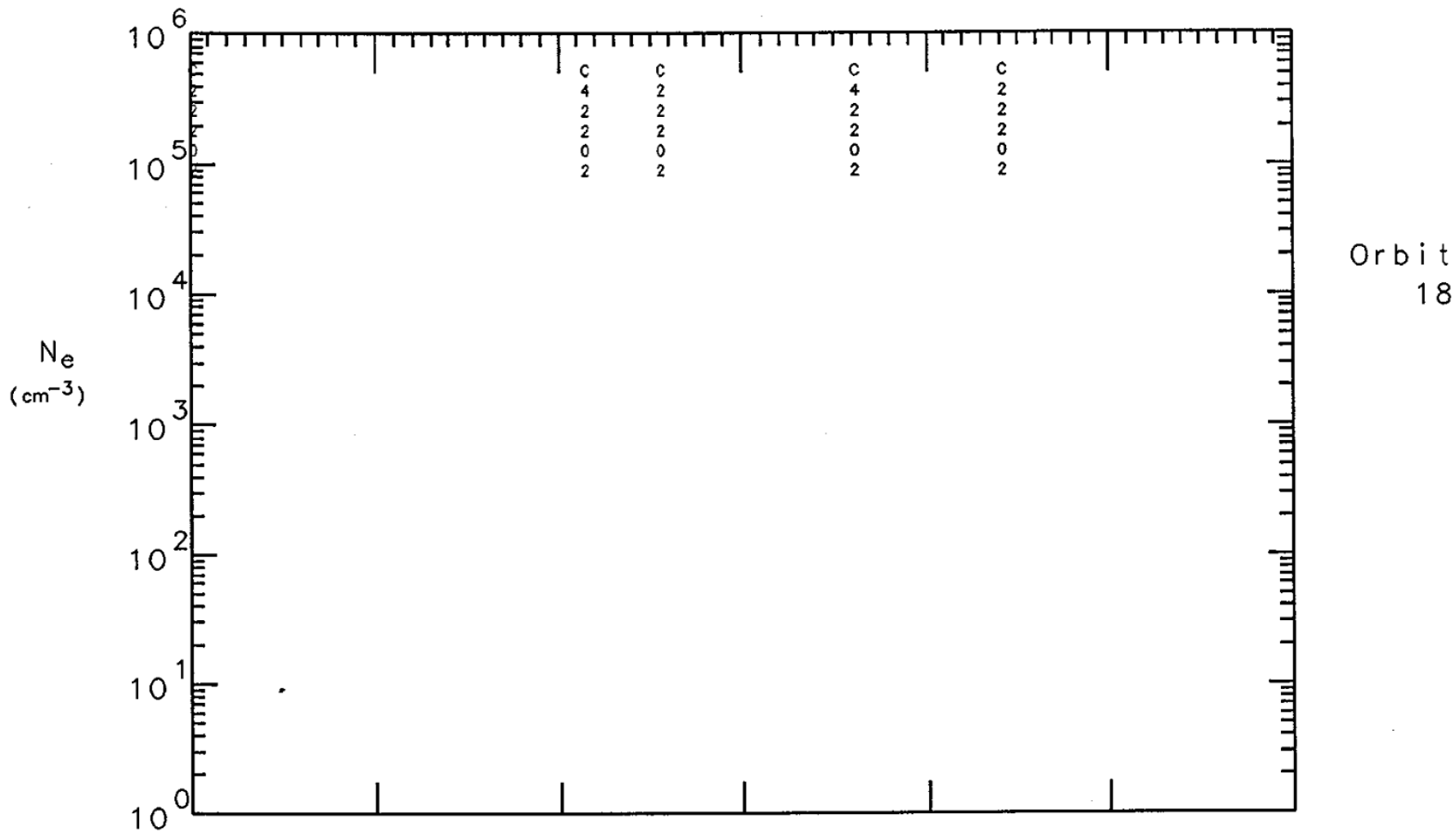
ALT	6374	3689	1277	149	1286	3701	6386	km
LAT	62	73	61	16	-29	-57	-70	deg
LONG	-28	-65	-145	-171	174	158	132	deg
SZA	77	76	79	88	98	102	103	deg
LST	8.1	10.4	16.0	17.8	18.7	19.7	21.3	hr

Universal Time, Day 78356

Ne hi-res Radial

Plotted:
12-JUL-93
12:40:06

58200	58800	59400	60000	60600	61200	61800	secs
16:10	16:20	16:30	16:40	16:50	17: 0	17:10	hh:mm



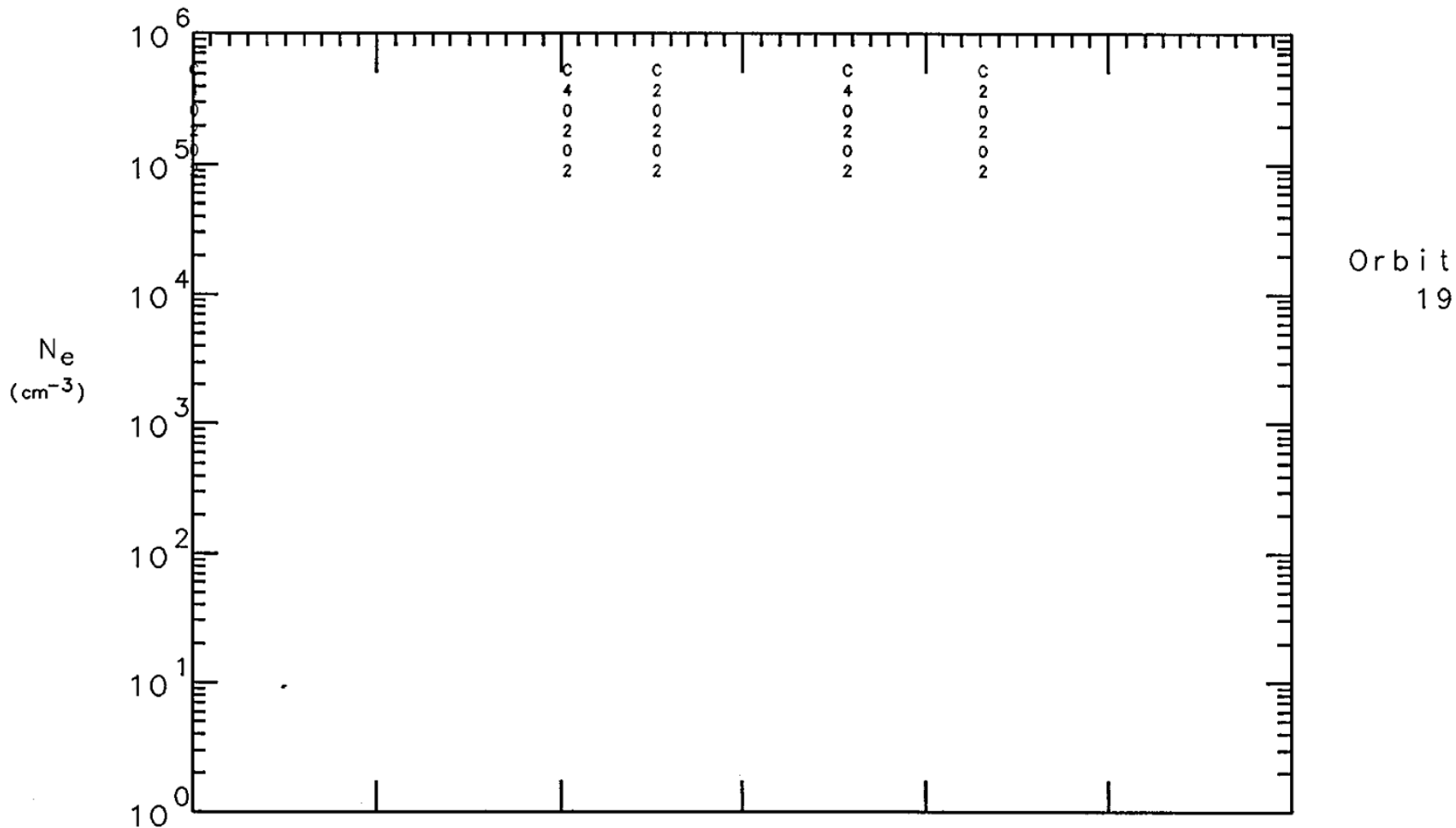
ALT	6498	3812	1372	151	1194	3579	6261	km
LAT	62	73	63	19	-28	-56	-70	deg
LONG	-26	-61	-142	-169	176	160	135	deg
SZA	76	76	79	89	99	103	103	deg
LST	8.2	10.3	16.0	17.9	18.8	19.8	21.3	hr

Universal Time, Day 78357

Ne hi-res Radial

Plotted:
12-JUL-93
12:45:56

58740	59340	59940	60540	61140	61740	62340	secs
16:19	16:29	16:39	16:49	16:59	17: 9	17:19	hh:mm



ALT	6318	3634	1235	149	1329	3756	6442	km
LAT	62	73	61	15	-30	-57	-70	deg
LONG	-25	-64	-143	-169	176	160	134	deg
SZA	75	76	80	91	101	103	103	deg
LST	8.4	10.7	16.3	18.1	19.0	20.0	21.6	hr

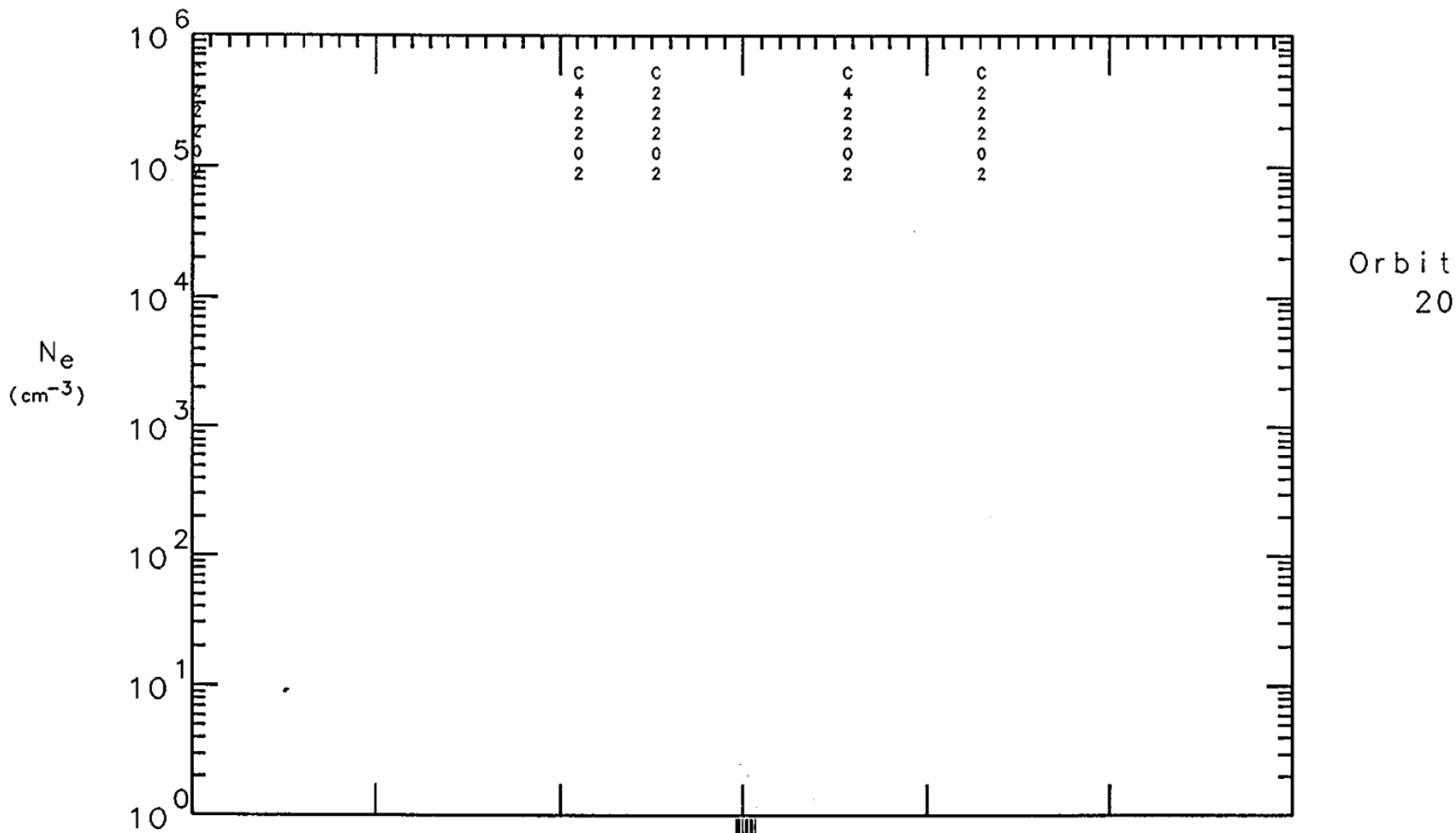
Universal Time, Day 78358

Ne hi-res Radiol

Plotted:
12-JUL-93
12:52:31

59220	59820	60420	61020	61620	62220	62820
16:27	16:37	16:47	16:57	17: 7	17:17	17:27

secs
hh:mm



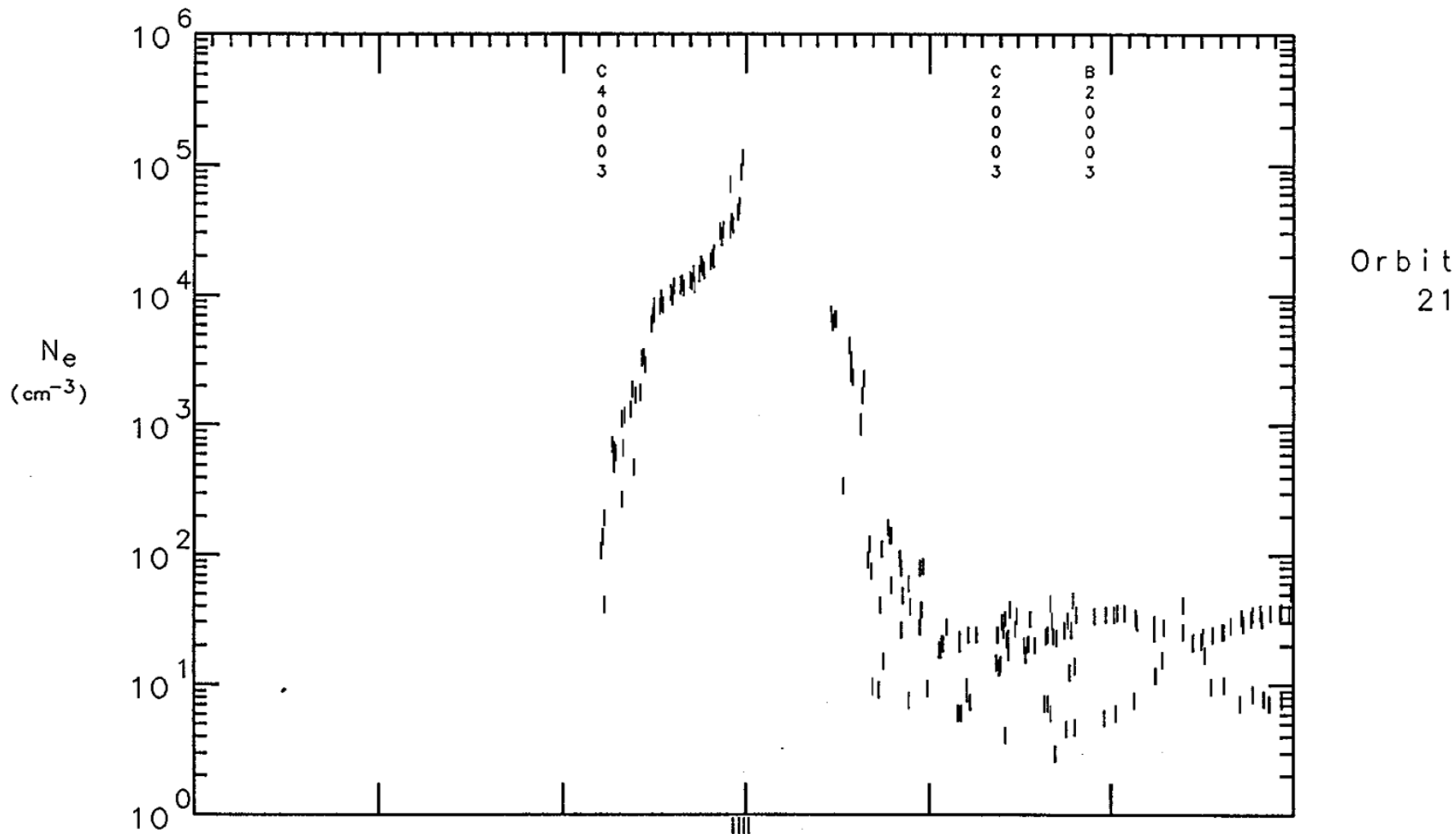
ALT	6385	3700	1286	149	1277	3689	6374	km
LAT	62	73	61	17	-29	-57	-70	deg
LONG	-24	-61	-141	-167	178	162	137	deg
SZA	75	76	81	92	102	104	104	deg
LST	8.5	10.7	16.3	18.1	19.0	20.1	21.6	hr

Universal Time, Day 78359

Ne hi-res Radiat

Plotted:
12-JUL-93
12:57:42

59700	60300	60900	61500	62100	62700	63300	secs
16:35	16:45	16:55	17: 5	17:15	17:25	17:35	hh:mm



ALT	6438	3752	1326	150	1238	3638	6322	km
LAT	62	73	62	18	-28	-56	-70	deg
LONG	-22	-58	-138	-165	-179	164	139	deg
SZA	74	76	81	94	103	105	104	deg
LST	8.6	10.8	16.4	18.2	19.1	20.1	21.7	hr

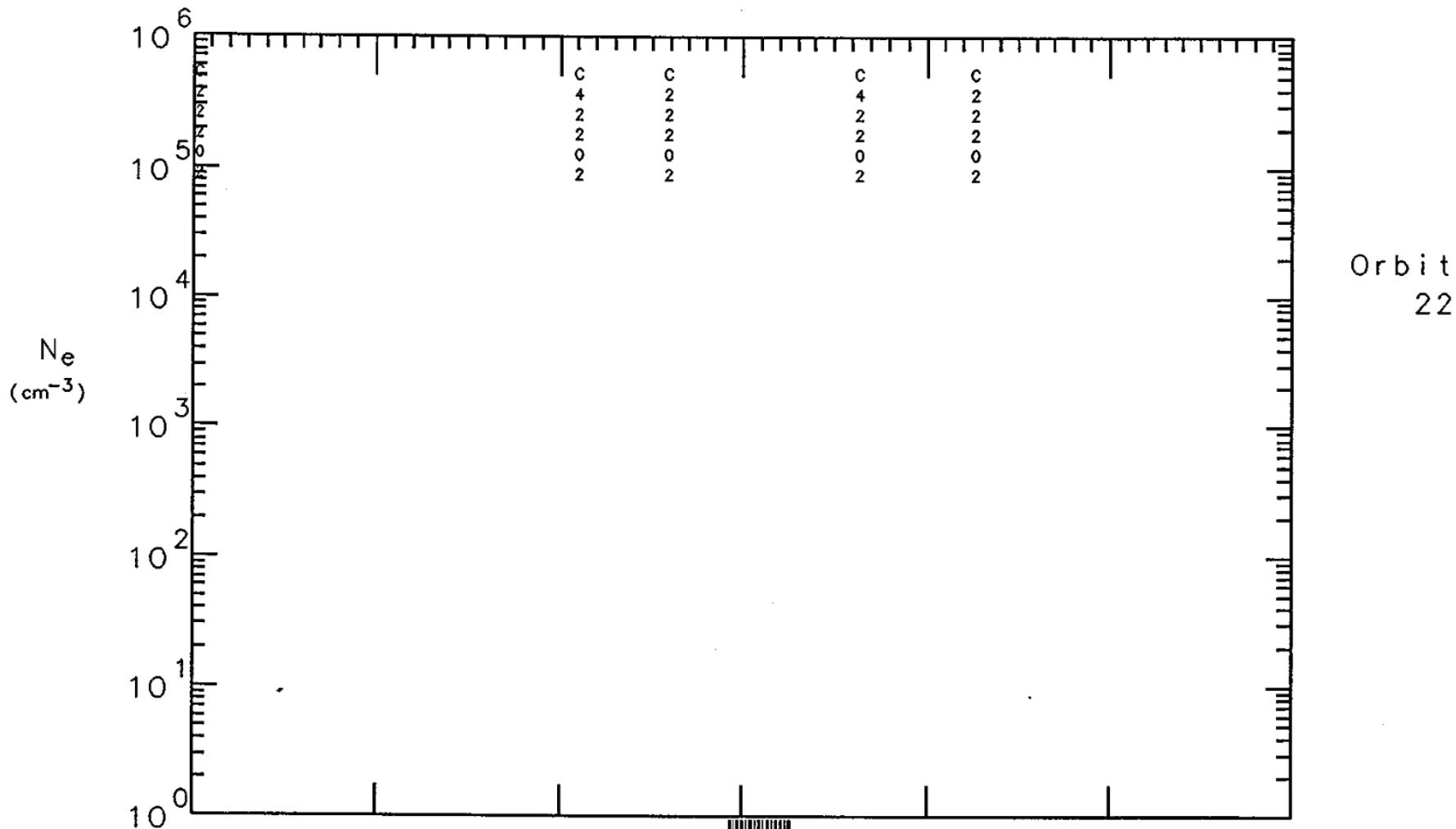
Universal Time, Day 78360

Ne hi-res Radial

Plotted:
12-JUL-93
13:02:28

60180	60780	61380	61980	62580	63180	63780
16:43	16:53	17: 3	17:13	17:23	17:33	17:43

secs
hh:mm



ALT	6485	3799	1362	151	1204	3592	6275	km
LAT	62	73	63	19	-28	-56	-70	deg
LONG	-20	-55	-136	-163	-177	166	141	deg
SZA	74	76	82	95	105	106	104	deg
LST	8.6	10.8	16.4	18.3	19.2	20.2	21.8	hr

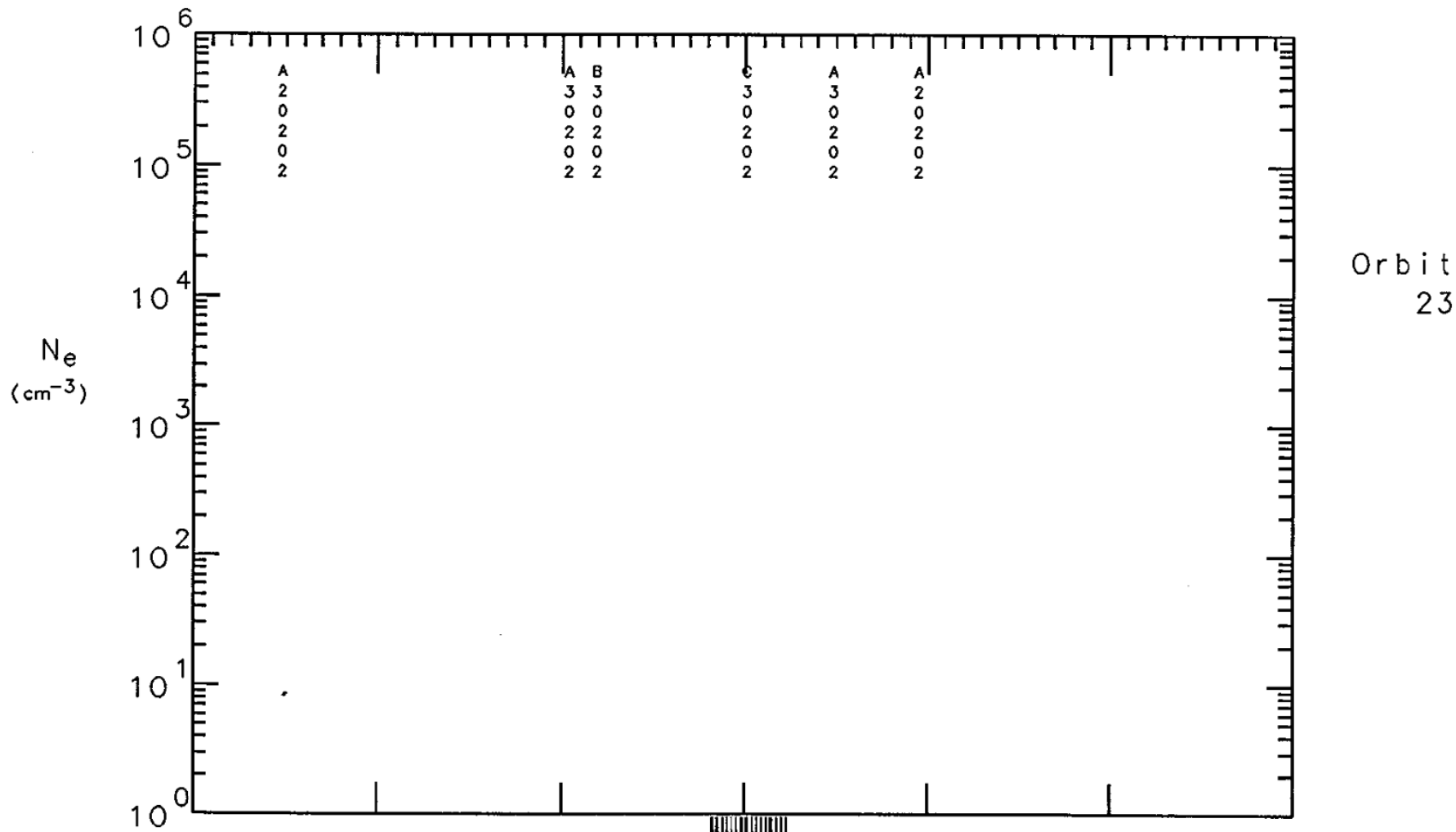
Universal Time, Day 78361

Ne hi-res Radial

Plotted:
12-JUL-93
13:07:45

60720	61320	61920	62520	63120	63720	64320
16:52	17: 2	17:12	17:22	17:32	17:42	17:52

secs
hh:mm



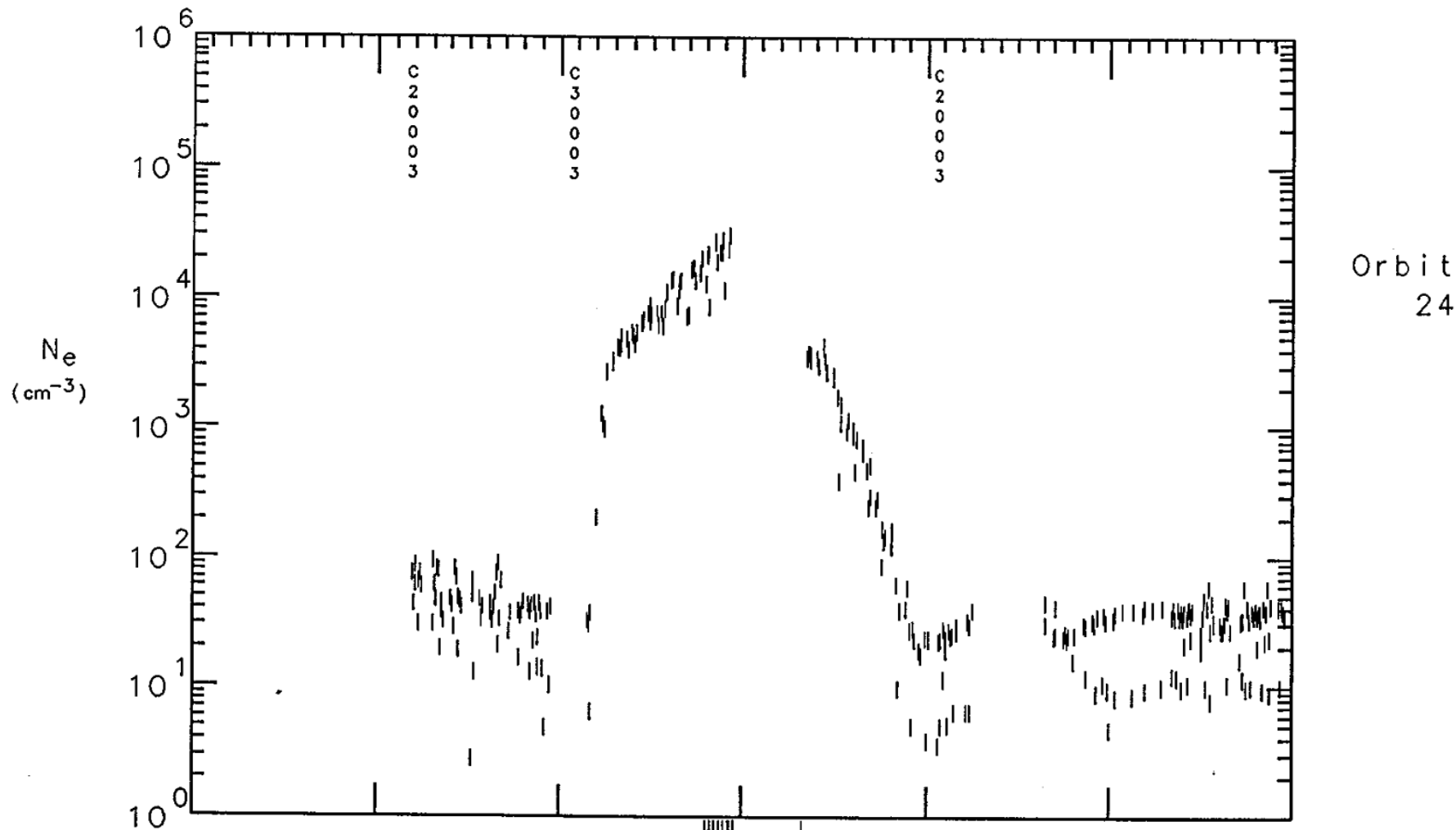
ALT	6253	3571	1189	153	1379	3819	6506	km
LAT	63	73	60	14	-31	-57	-70	deg
LONG	-20	-60	-139	-163	-177	166	139	deg
SZA	73	76	83	98	106	106	104	deg
LST	8.8	11.3	16.8	18.5	19.4	20.4	22.0	hr

Universal Time, Day 78362

Ne hi-res Radial

Plotted:
12-JUL-93
13:15:44

61200	61800	62400	63000	63600	64200	64800	secs
17: 0	17:10	17:20	17:30	17:40	17:50	18: 0	hh:mm



ALT	6272	3589	1203	152	1365	3801	6487	km
LAT	63	74	60	14	-31	-57	-70	deg
LONG	-18	-58	-137	-162	-175	167	141	deg
SZA	73	76	84	99	108	107	104	deg
LST	8.9	11.4	16.9	18.6	19.5	20.5	22.1	hr

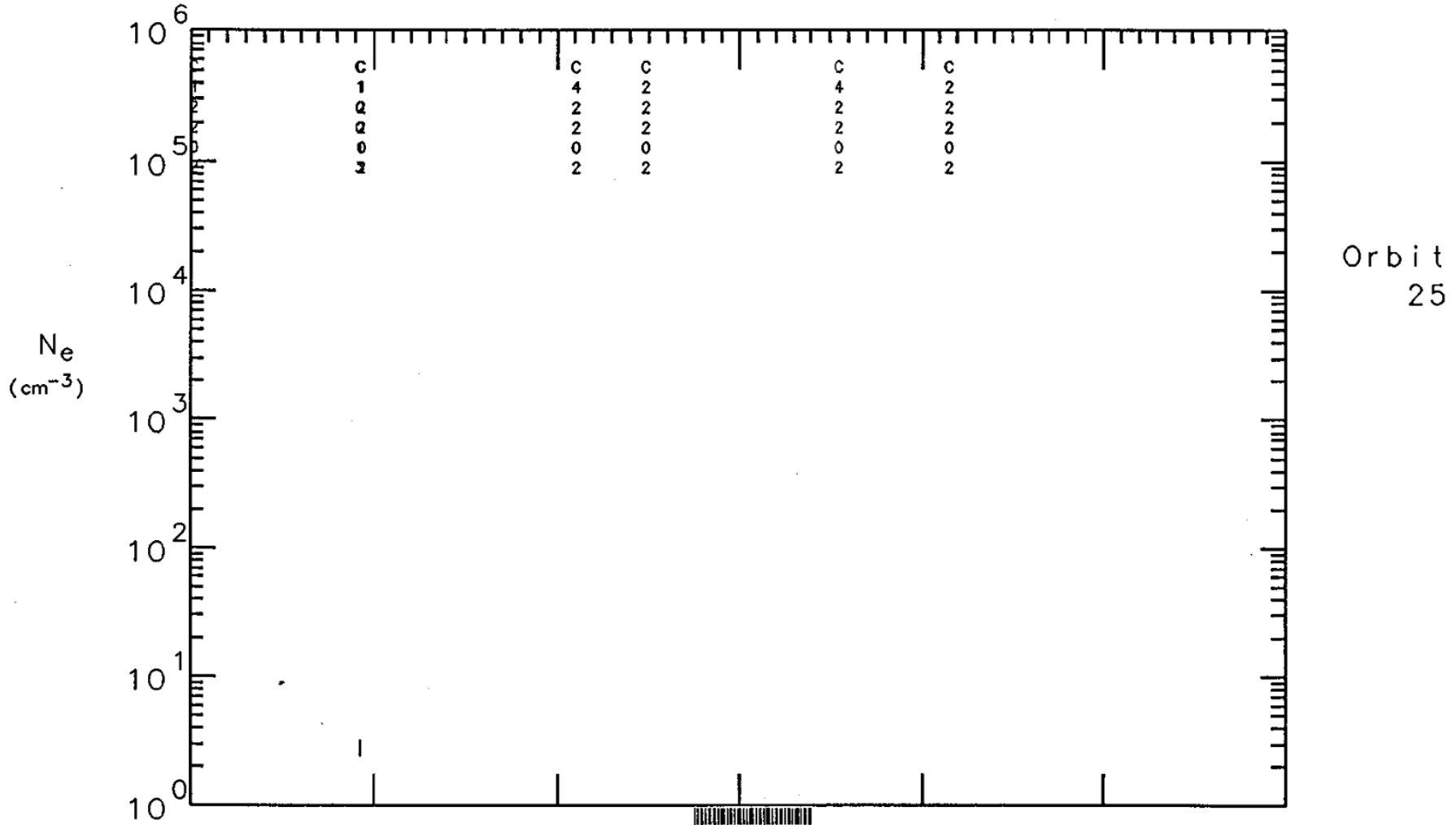
Universal Time, Day 78363

Ne hi-res Radial

Plotted:
12-JUL-93
13:21:41

61680	62280	62880	63480	64080	64680	65280
17: 8	17:18	17:28	17:38	17:48	17:58	18: 8

secs
hh:mm



ALT	6293	3611	1219	152	1348	3780	6466	km
LAT	62	73	60	15	-30	-57	-70	deg
LONG	-17	-56	-135	-160	-174	169	143	deg
SZA	72	76	85	101	109	108	105	deg
LST	9.0	11.4	17.0	18.7	19.6	20.6	22.2	hr

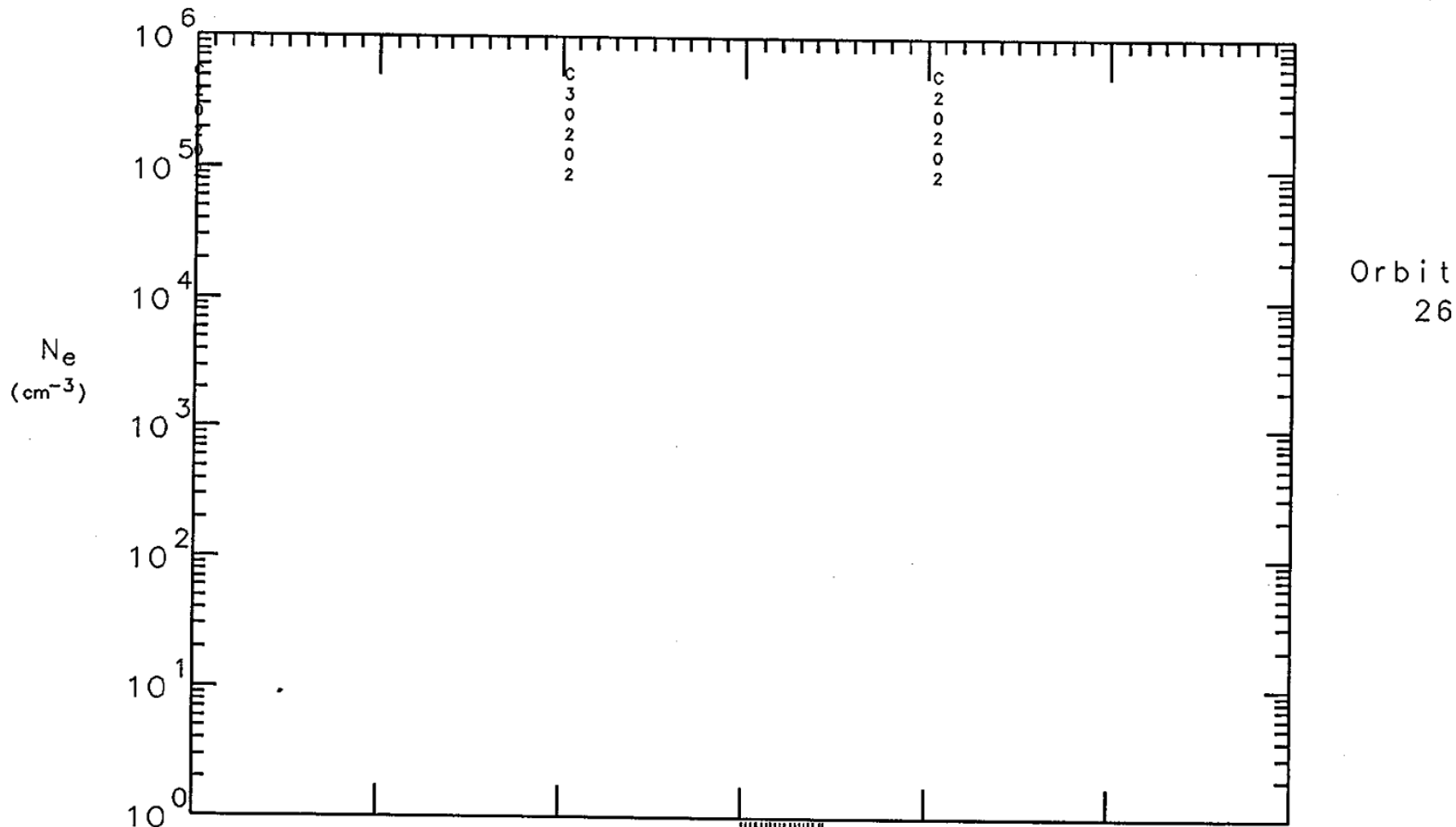
Universal Time, Day 78364

Ne hi-res Radial

Plotted:
12-JUL-93
13:27:30

62160	62760	63360	63960	64560	65160	65760
17:16	17:26	17:36	17:46	17:56	18: 6	18:16

secs
hh:mm



ALT	6297	3614	1222	153	1346	3777	6462	km
LAT	62	73	60	15	-30	-57	-70	deg
LONG	-15	-54	-133	-158	-172	171	144	deg
SZA	72	76	86	102	110	108	105	deg
LST	9.2	11.5	17.1	18.8	19.7	20.8	22.3	hr

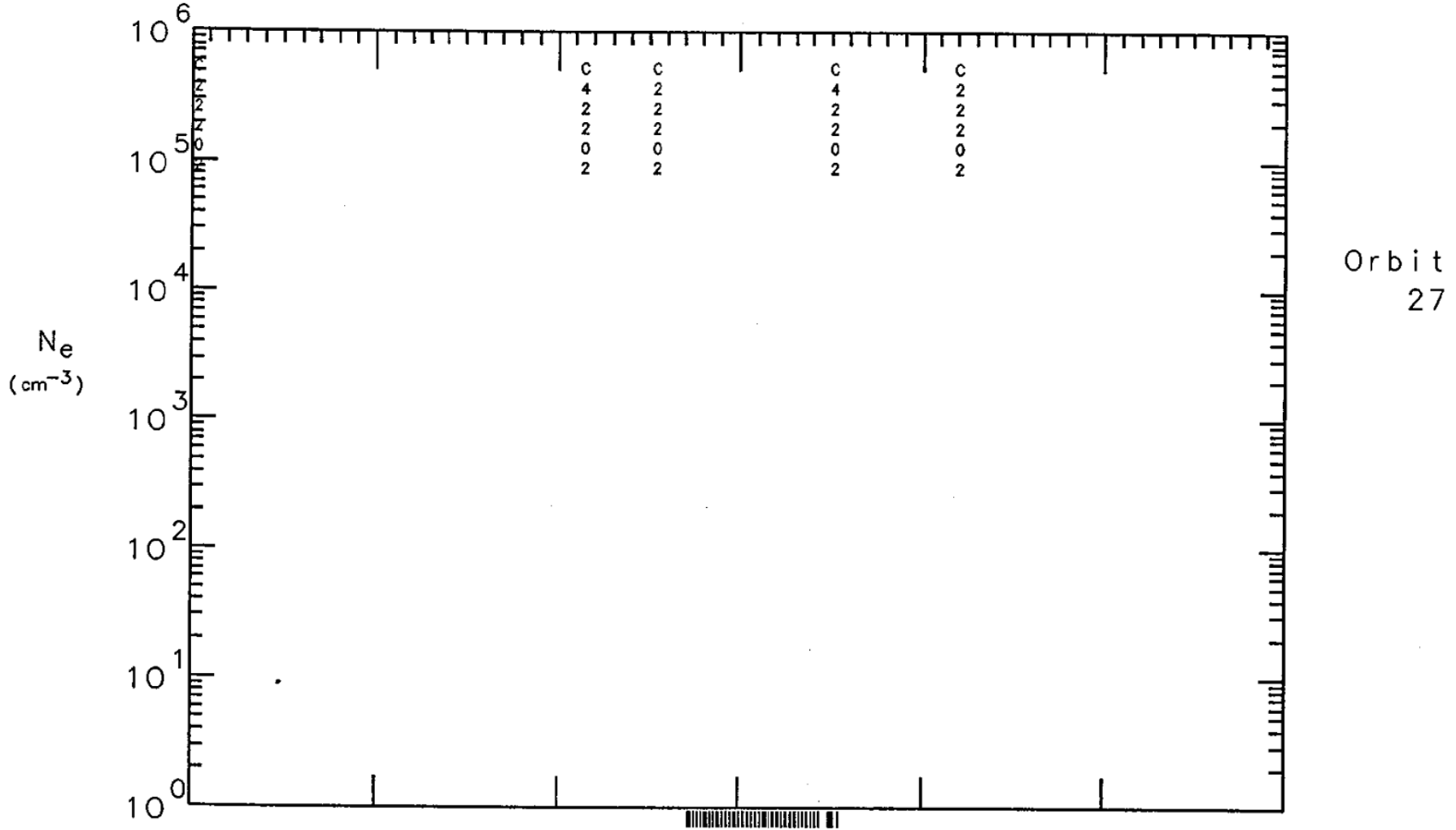
Universal Time, Day 78365

Ne hi-res Radial

Plotted:
12-JUL-93
13:33:21

62640	63240	63840	64440	65040	65640	66240
17:24	17:34	17:44	17:54	18: 4	18:14	18:24

secs
hh:mm



ALT	6292	3610	1219	154	1350	3781	6466	km
LAT	62	73	60	15	-30	-57	-70	deg
LONG	-14	-53	-132	-157	-171	172	146	deg
SZA	71	76	86	104	112	109	105	deg
LST	9.3	11.7	17.2	18.9	19.8	20.9	22.5	hr

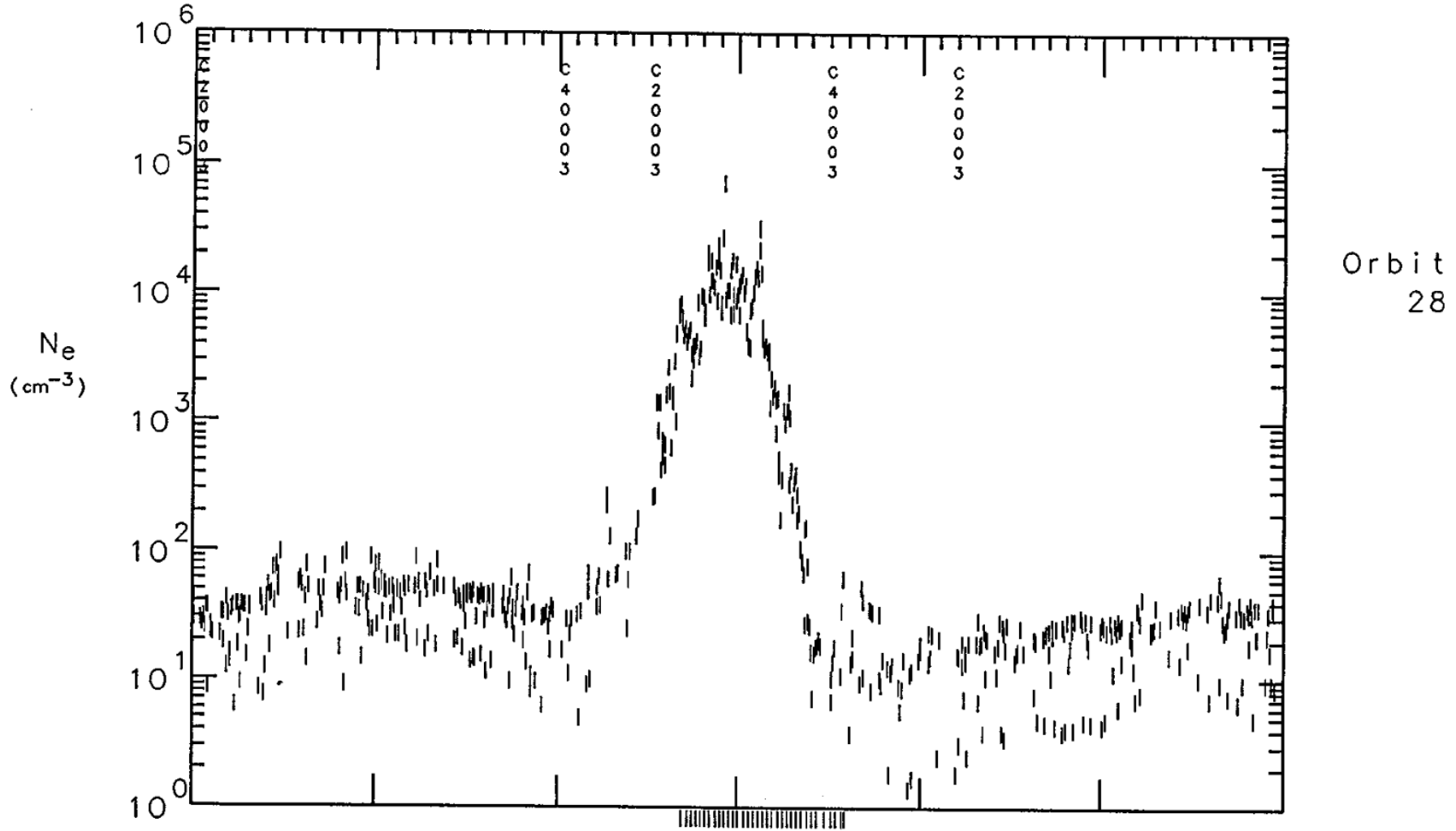
Universal Time, Day 79001

Ne hi-res Radial

Plotted:
12-JUL-93
13:38:59

63120	63720	64320	64920	65520	66120	66720
17:32	17:42	17:52	18: 2	18:12	18:22	18:32

secs
hh:mm



ALT	6279	3598	1211	156	1361	3794	6479	km
LAT	62	73	60	15	-30	-57	-70	deg
LONG	-12	-52	-131	-156	-169	173	147	deg
SZA	71	76	87	106	113	110	105	deg
LST	9.4	11.8	17.3	19.1	20.0	21.0	22.6	hr

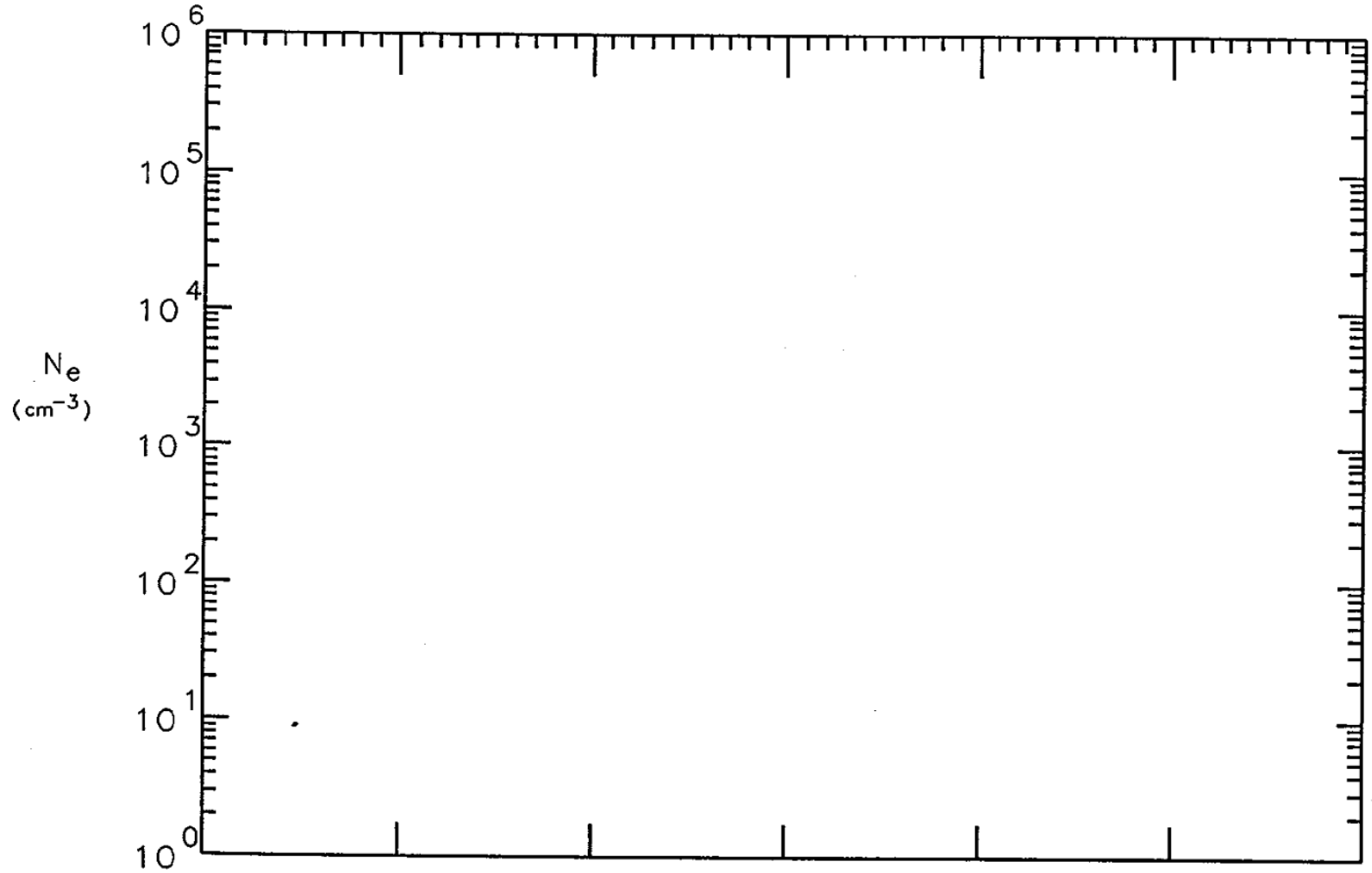
Universal Time, Day 79002

Ne hi-res Radial

Plotted:
12-JUL-93
13:47:31

63600	64200	64800	65400	66000	66600	67200
17:40	17:50	18: 0	18:10	18:20	18:30	18:40

secs
hh:mm



Orbit
29

ALT	6269	3588	1204	158	1370	3805	6489	km
LAT	62	73	60	14	-31	-57	-70	deg
LONG	-11	-51	-129	-154	-168	175	149	deg
SZA	70	76	88	107	115	110	105	deg
LST	9.5	11.9	17.4	19.2	20.1	21.1	22.7	hr

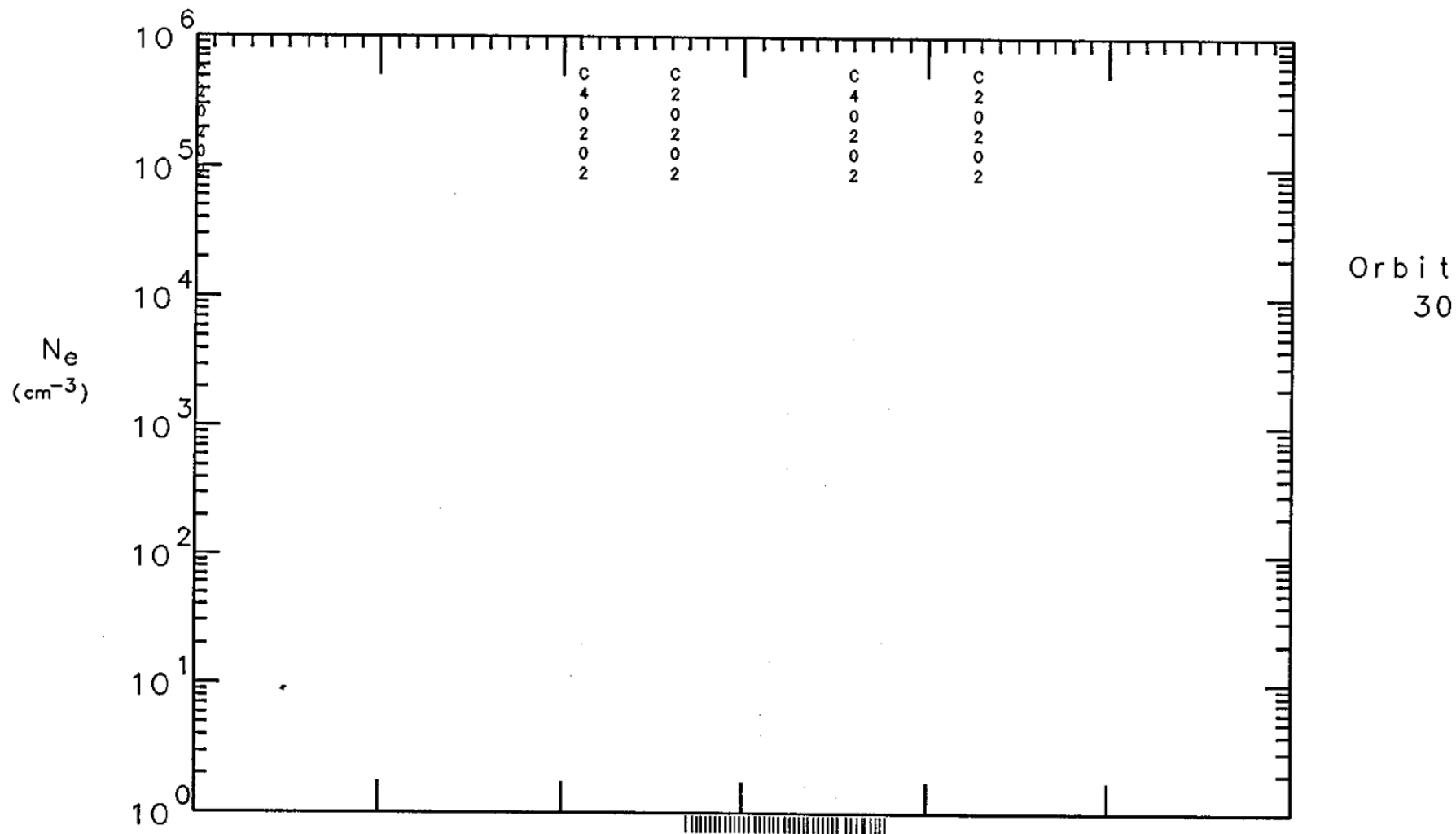
Universal Time, Day 79003

Ne hi-res Radial

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

64020	64620	65220	65820	66420	67020	67620
17:47	17:57	18: 7	18:17	18:27	18:37	18:47

secs
hh:mm



ALT	6489	3799	1357	140	1194	3586	6272	km
LAT	61	73	63	19	-28	-56	-70	deg
LONG	-8	-43	-124	-151	-165	178	152	deg
SZA	69	75	88	107	116	111	106	deg
LST	9.5	11.6	17.3	19.2	20.1	21.1	22.7	hr

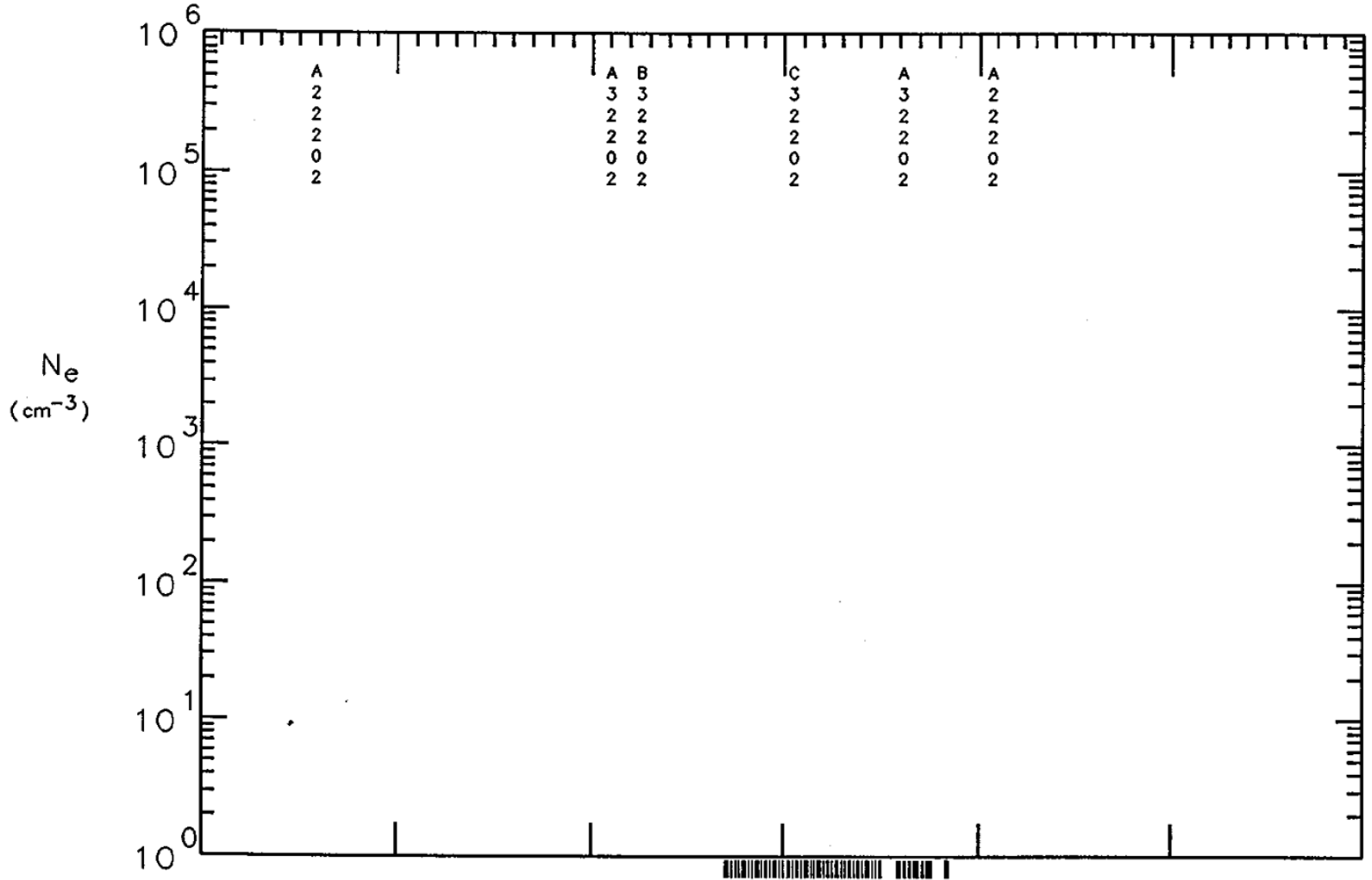
Universal Time, Day 79004

Ne hi-res Radial

Plotted:
12-JUL-93
13:56:29

64320	64920	65520	66120	66720	67320	67920
17:52	18: 2	18:12	18:22	18:32	18:42	18:52

secs
hh:mm



Orbit
31

ALT	6499	3812	1373	152	1192	3576	6258	km
LAT	61	73	63	19	-27	-56	-69	deg
LONG	-7	-41	-122	-150	-164	179	154	deg
SZA	69	75	88	109	117	112	106	deg
LST	9.6	11.7	17.4	19.3	20.2	21.2	22.8	hr

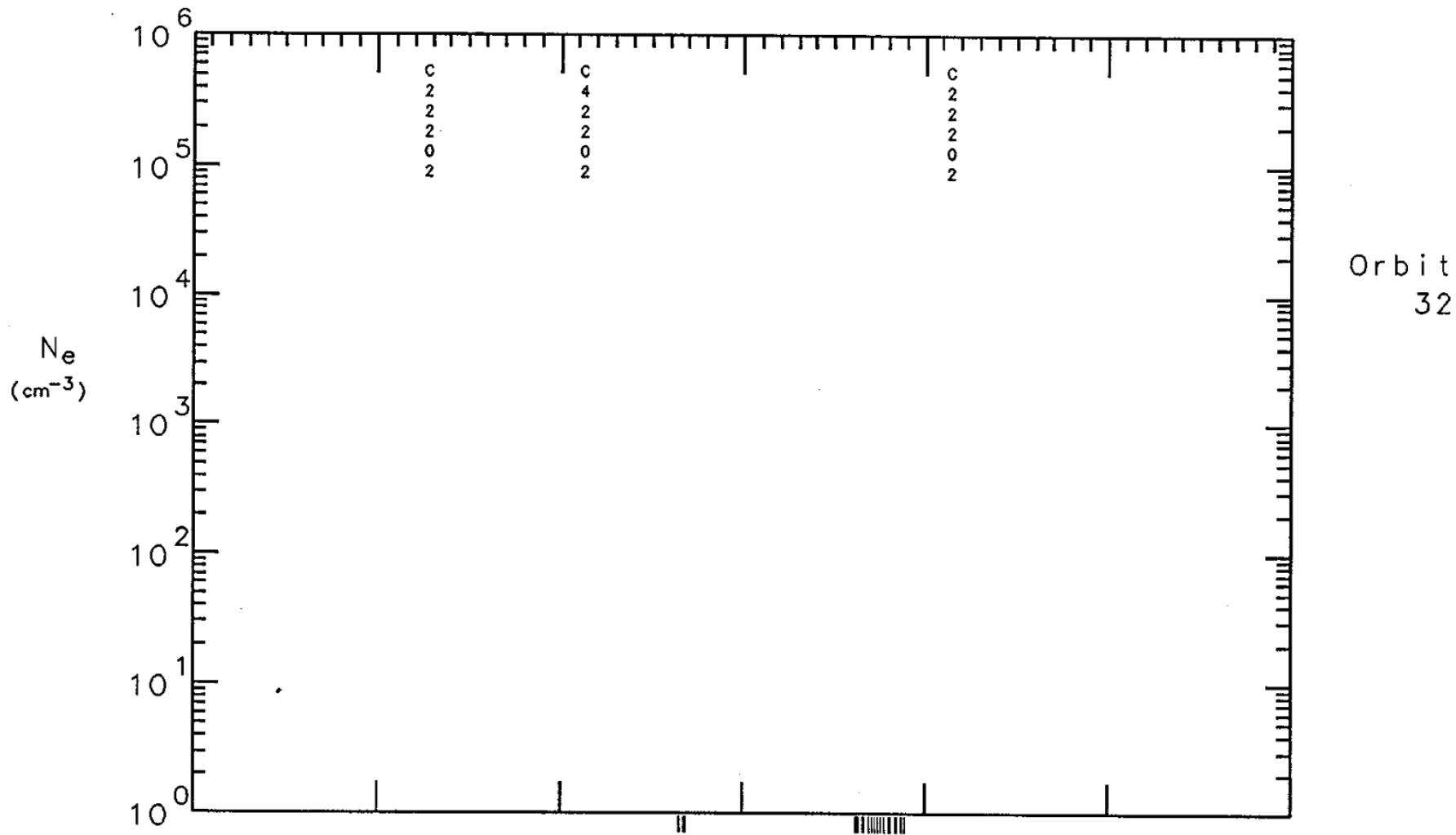
Universal Time, Day 79005

Ne hi-res Radial

Plotted:
12-JUL-93
14:04:03

64620	65220	65820	66420	67020	67620	68220
17:57	18: 7	18:17	18:27	18:37	18:47	18:57

secs
hh:mm



ALT	6475	3790	1356	153	1211	3599	6281	km
LAT	61	73	62	18	-28	-56	-70	deg
LONG	-5	-40	-121	-148	-162	-178	155	deg
SZA	68	75	89	110	119	113	106	deg
LST	9.8	11.9	17.5	19.4	20.3	21.3	22.9	hr

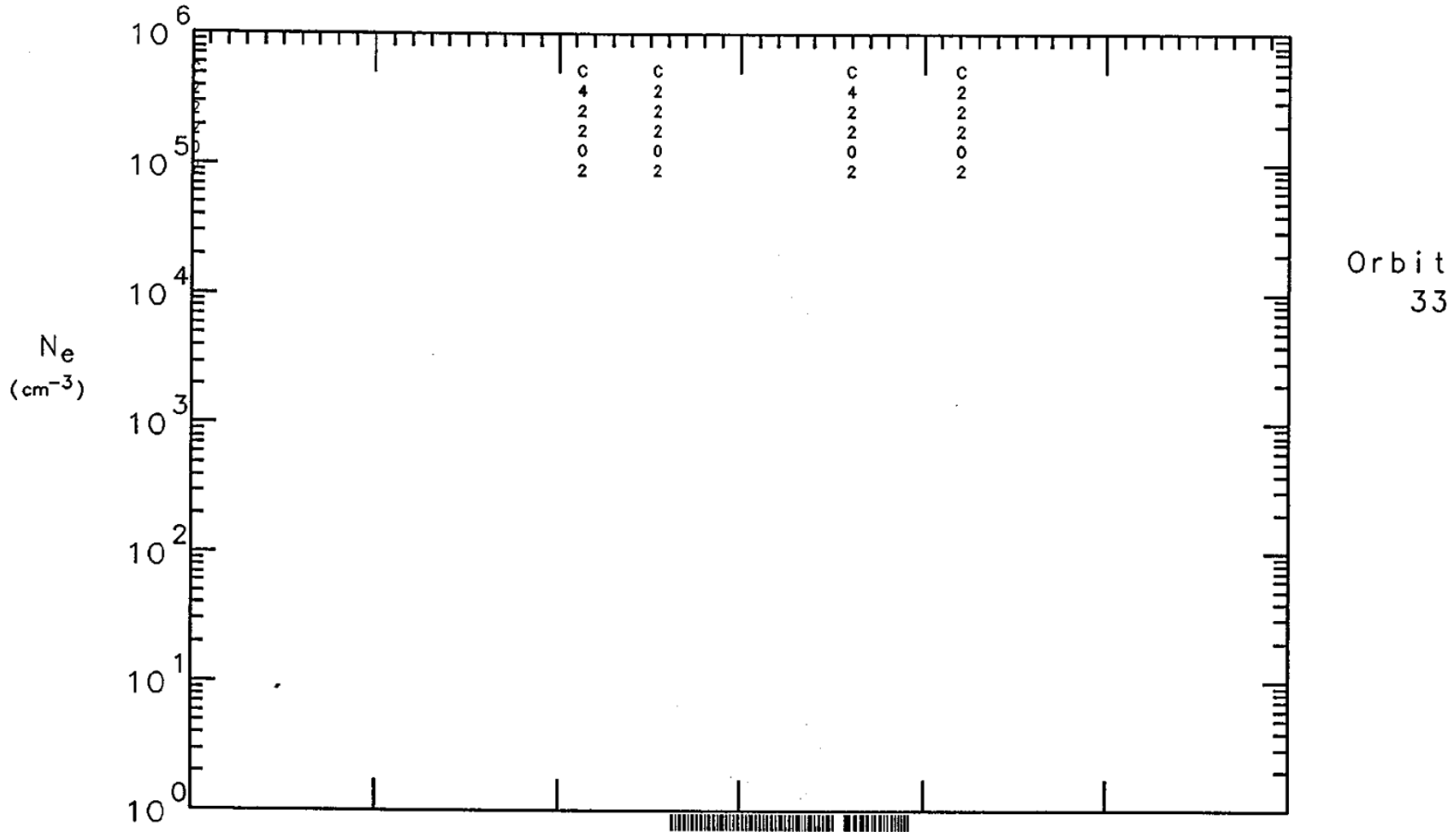
Universal Time, Day 79006

Ne hi-res Radial

Plotted:
12-JUL-93
14:08:50

64920	65520	66120	66720	67320	67920	68520
18: 2	18:12	18:22	18:32	18:42	18:52	19: 2

secs
hh:mm



Orbit
33

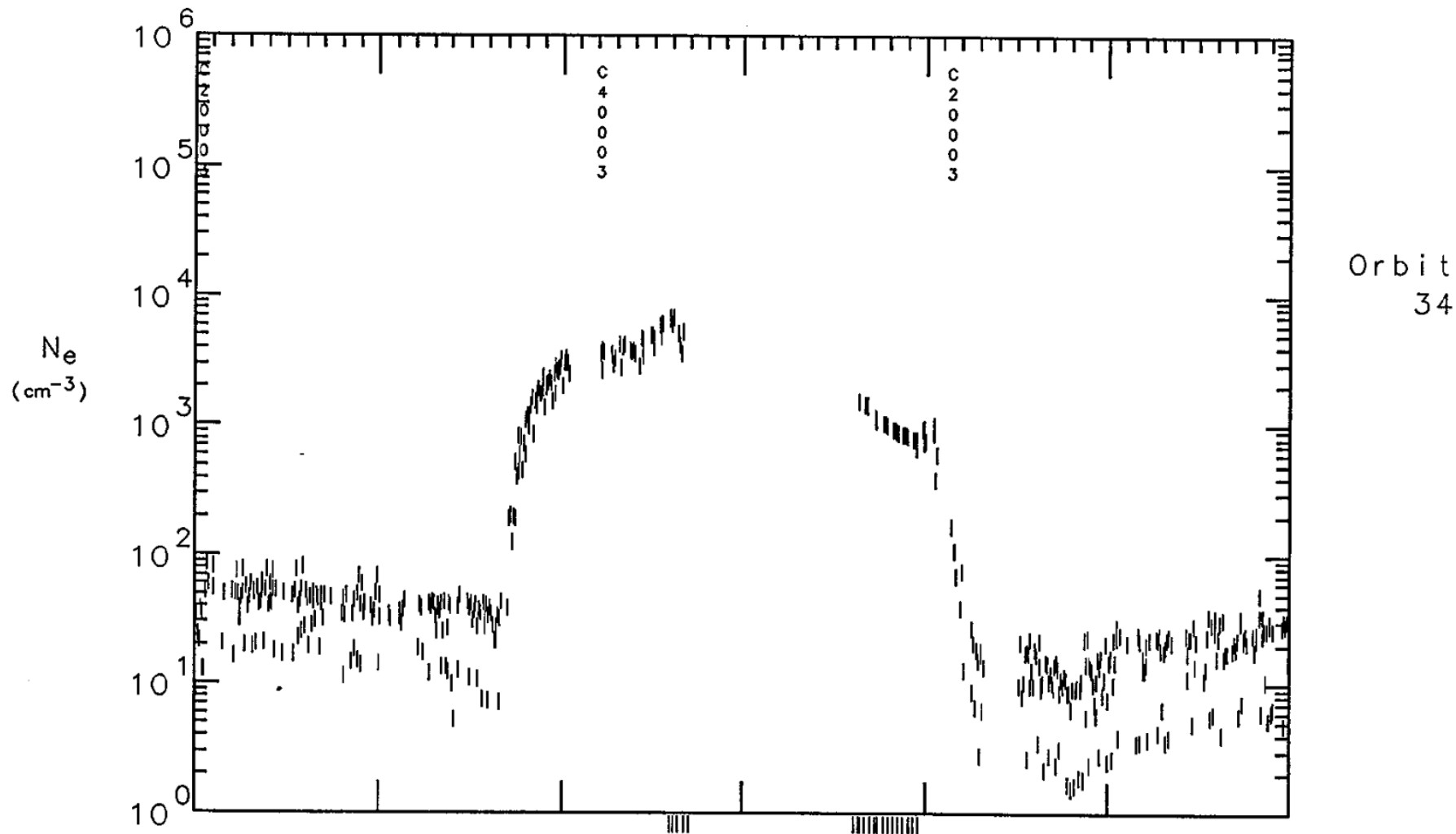
ALT	6448	3764	1337	154	1232	3626	6308	km
LAT	62	73	62	18	-28	-56	-70	deg
LONG	-4	-40	-120	-147	-161	-177	156	deg
SZA	68	75	90	112	120	113	106	deg
LST	9.9	12.1	17.6	19.5	20.5	21.5	23.0	hr

Universal Time, Day 79007

Ne hi-res Radial

Plotted:
12-JUL-93
14:14:51

65220	65820	66420	67020	67620	68220	68820	secs
18: 7	18:17	18:27	18:37	18:47	18:57	19: 7	hh:mm



ALT	6420	3736	1317	156	1254	3654	6336	km
LAT	62	73	62	17	-28	-56	-70	deg
LONG	-3	-39	-119	-146	-160	-176	158	deg
SZA	68	76	91	114	121	114	106	deg
LST	10.0	12.2	17.8	19.7	20.6	21.6	23.1	hr

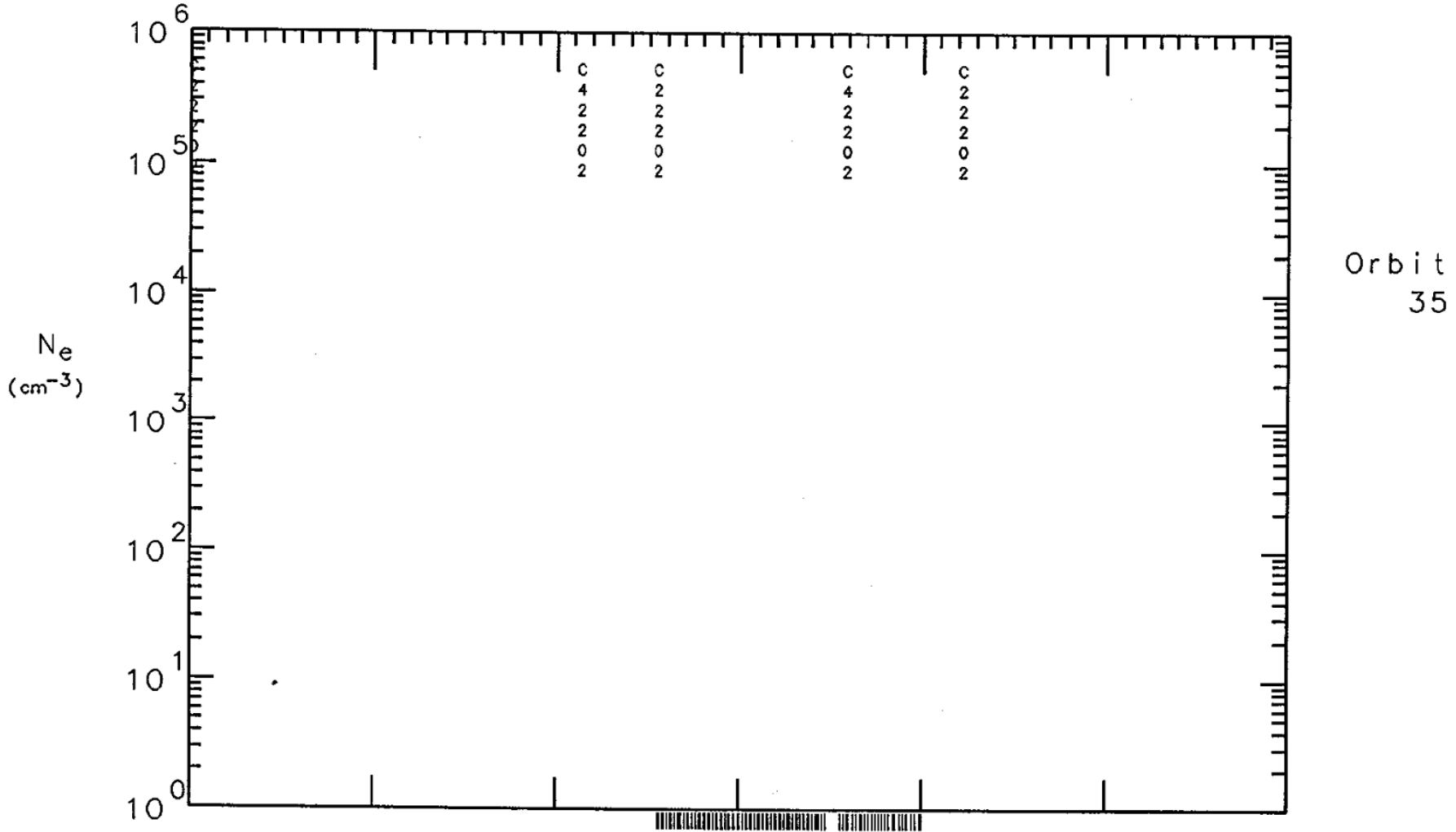
Universal Time, Day 79008

Ne hi-res Radial

Plotted:
12-JUL-93
14:23:51

65520	66120	66720	67320	67920	68520	69120
18:12	18:22	18:32	18:42	18:52	19: 2	19:12

secs
hh:mm



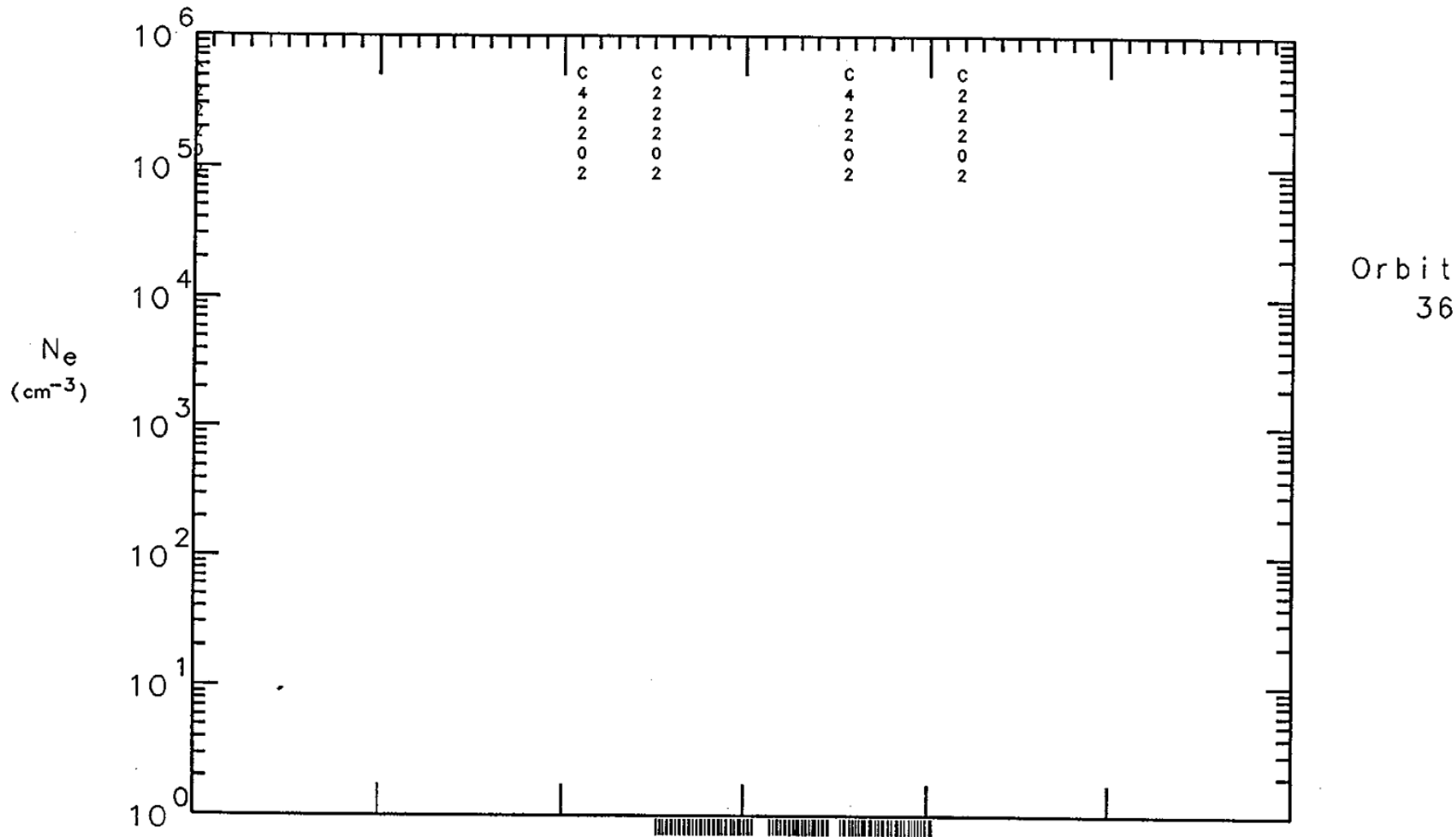
ALT	6388	3706	1295	158	1279	3685	6367	km
LAT	62	73	61	17	-29	-56	-70	deg
LONG	-2	-39	-118	-145	-158	-175	159	deg
SZA	67	76	92	116	123	114	107	deg
LST	10.1	12.4	17.9	19.8	20.7	21.7	23.3	hr

Universal Time, Day 79009

Ne hi-res Radial

Plotted:
12-JUL-93
14:29:48
secs
hh:mm

65820	66420	67020	67620	68220	68820	69420
18:17	18:27	18:37	18:47	18:57	19: 7	19:17



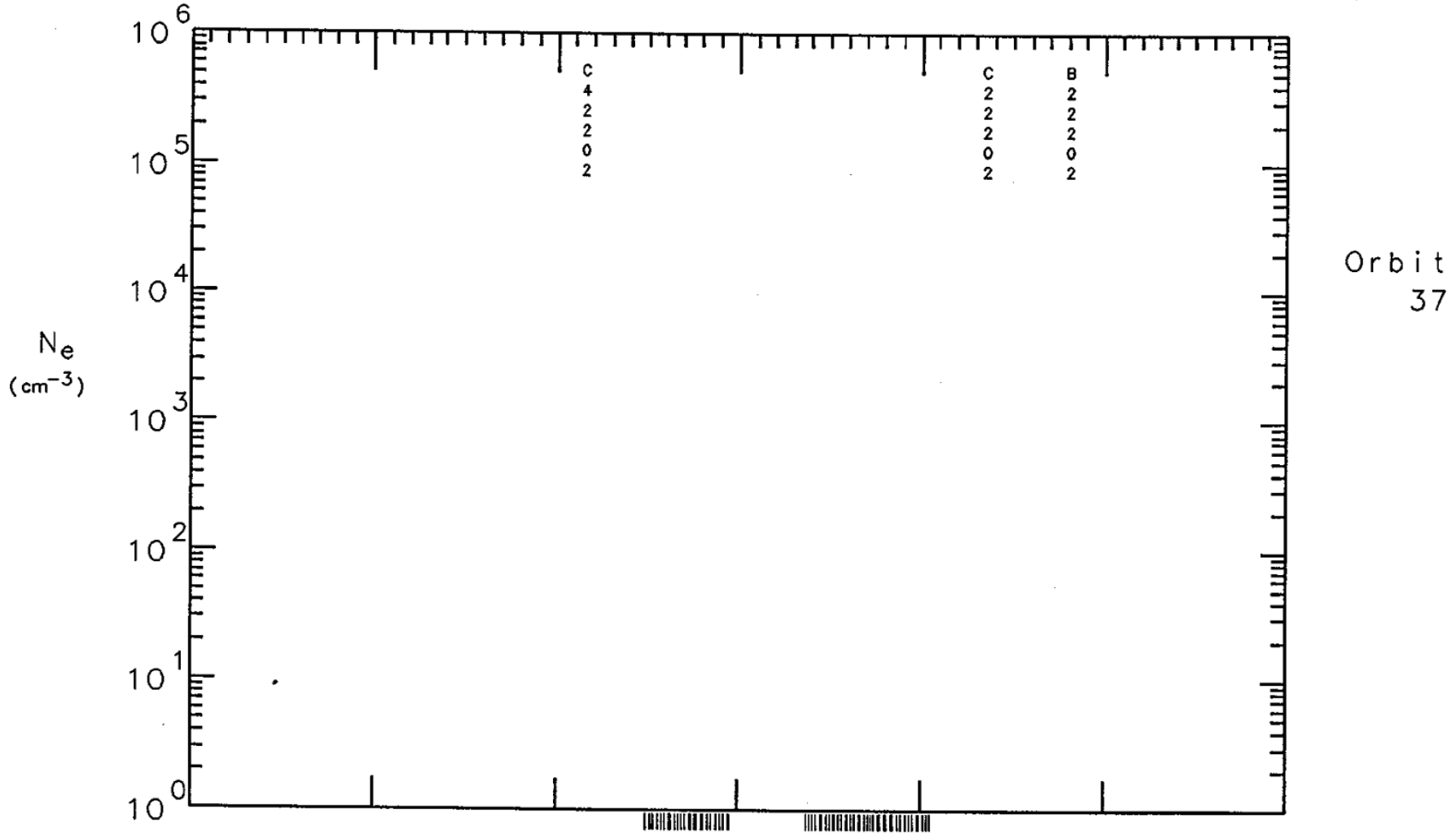
ALT	6355	3674	1272	160	1306	3719	6400	km
LAT	62	73	61	16	-29	-56	-70	deg
LONG	0	-38	-117	-143	-157	-173	160	deg
SZA	67	76	93	118	124	115	107	deg
LST	10.3	12.6	18.1	19.9	20.8	21.8	23.4	hr

Universal Time, Day 79010

Ne hi-res Radial

Plotted:
12-JUL-93
14:36:47

66120	66720	67320	67920	68520	69120	69720	secs
18:22	18:32	18:42	18:52	19: 2	19:12	19:22	hh:mm



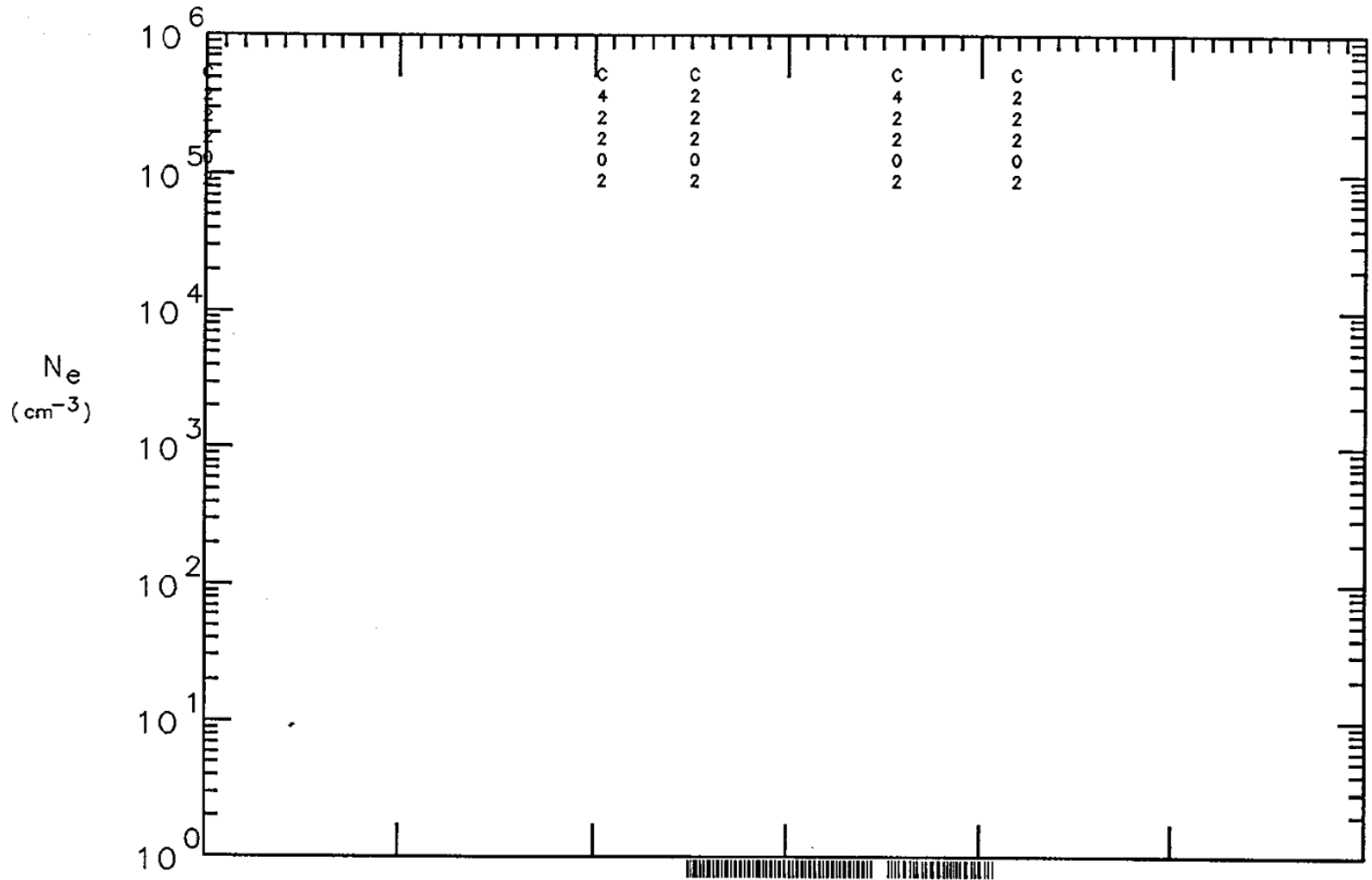
ALT	6321	3642	1249	164	1333	3751	6433	km
LAT	62	73	61	15	-30	-57	-70	deg
LONG	0	-38	-116	-142	-156	-172	161	deg
SZA	67	76	94	119	125	115	107	deg
LST	10.4	12.7	18.2	20.0	20.9	22.0	23.5	hr

Universal Time, Day 79011

Ne hi-res Radial

Plotted:
12-JUL-93
14:41:54
secs
hh:mm

66420	67020	67620	68220	68820	69420	70020
18:27	18:37	18:47	18:57	19: 7	19:17	19:27



Orbit
38

ALT	6261	3579	1195	152	1371	3809	6495	km
LAT	62	73	60	14	-31	-57	-70	deg
LONG	1	-37	-115	-141	-155	-171	161	deg
SZA	67	77	95	121	126	115	106	deg
LST	10.5	12.9	18.4	20.2	21.1	22.1	23.7	hr

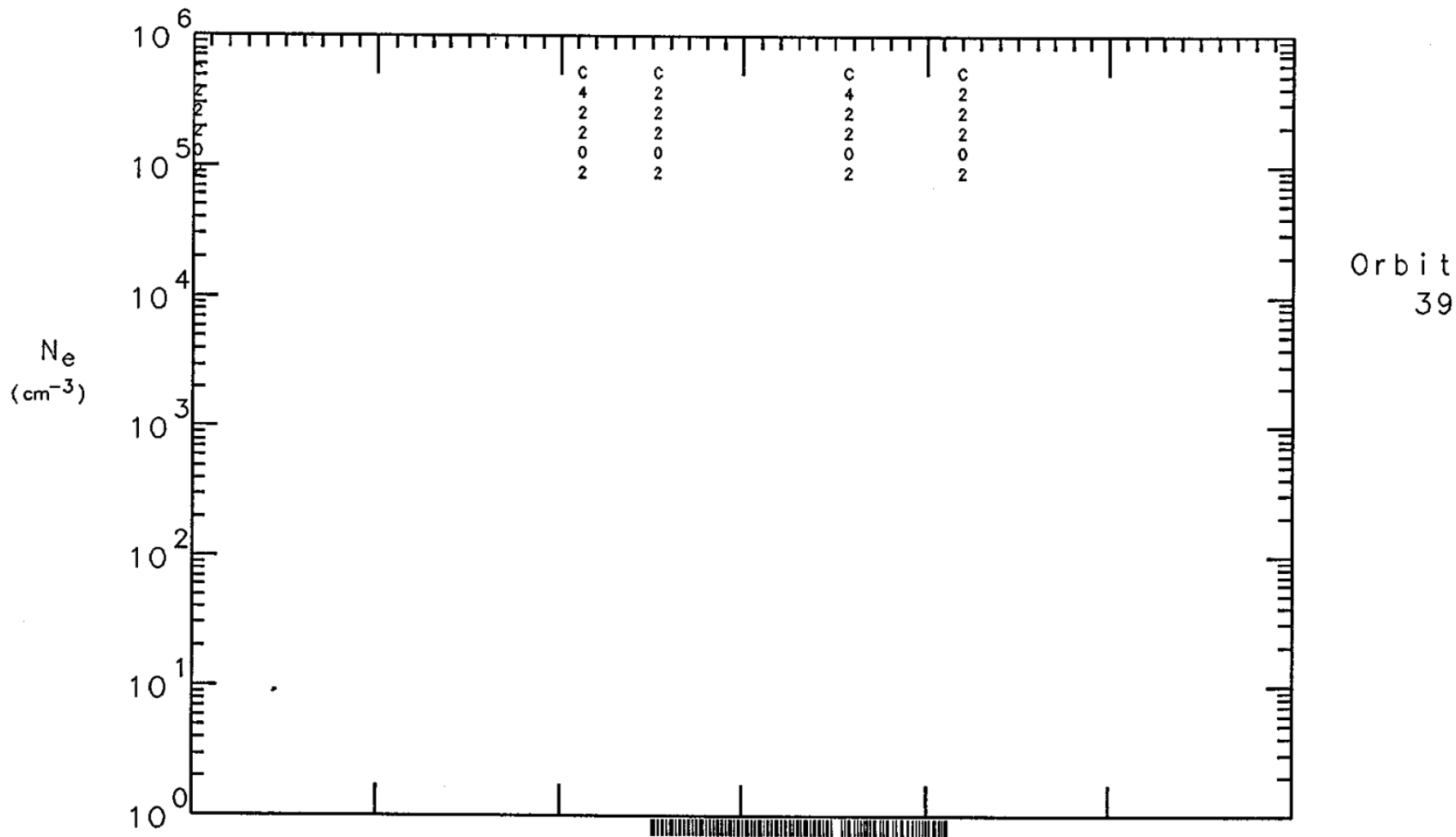
Universal Time, Day 79012

Ne hi-res Radial

Plotted:
12-JUL-93
14:49:35

66660	67260	67860	68460	69060	69660	70260
18:31	18:41	18:51	19: 1	19:11	19:21	19:31

secs
hh:mm



Orbit
39

ALT	6357	3674	1268	153	1300	3715	6399	km
LAT	62	73	61	16	-29	-56	-70	deg
LONG	3	-33	-112	-139	-153	-169	164	deg
SZA	66	76	95	122	128	116	107	deg
LST	10.6	12.9	18.4	20.2	21.1	22.2	23.7	hr

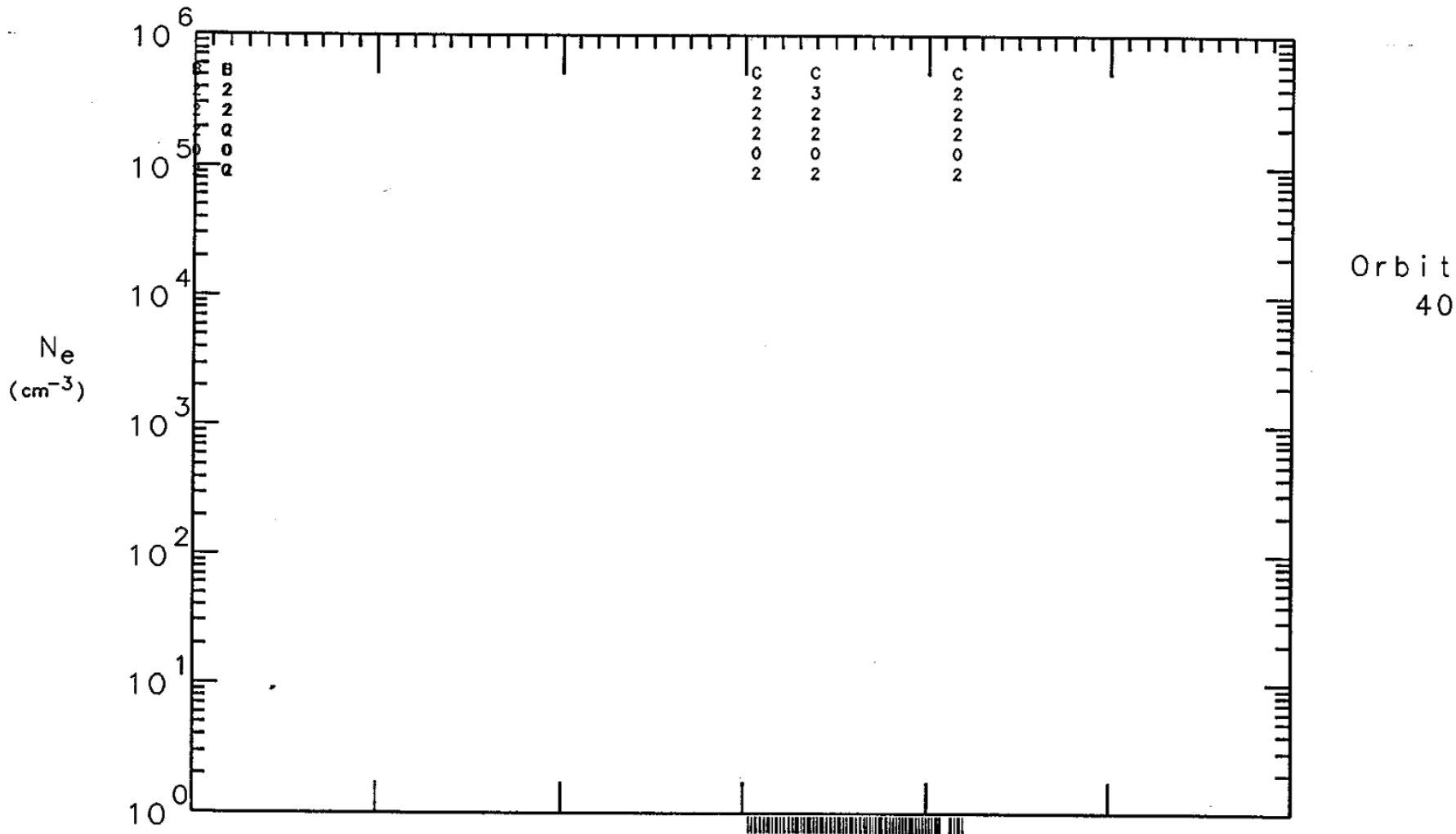
Universal Time, Day 79013

Ne hi-res Radial

Plotted:
12-JUL-93
14:56:07

66900	67500	68100	68700	69300	69900	70500
18:35	18:45	18:55	19: 5	19:15	19:25	19:35

secs
hh:mm



ALT	6446	3763	1338	157	1235	3628	6309	km
LAT	61	73	62	18	-28	-56	-69	deg
LONG	5	-30	-109	-137	-151	-167	167	deg
SZA	65	76	95	123	129	117	107	deg
LST	10.7	12.9	18.4	20.3	21.2	22.2	23.8	hr

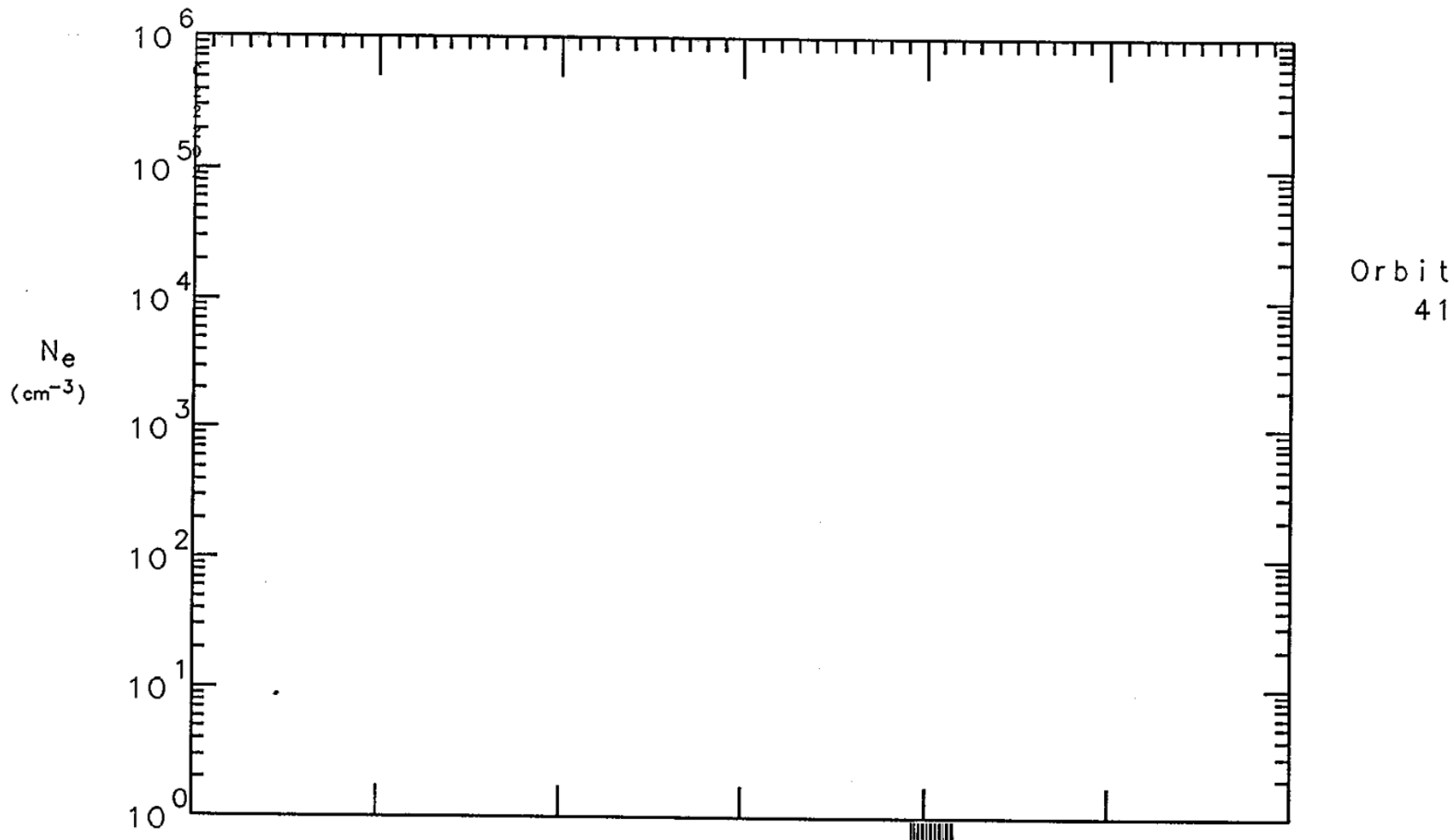
Universal Time, Day 79014

Ne hi-res Radial

Plotted:
12-JUL-93
15:00:48

67200	67800	68400	69000	69600	70200	70800
18:40	18:50	19:00	19:10	19:20	19:30	19:40

secs
hh:mm



ALT	6263	3584	1204	162	1375	3808	6491	km
LAT	62	73	60	14	-30	-57	-70	deg
LONG	5	-33	-111	-136	-150	-167	166	deg
SZA	66	77	98	126	130	117	107	deg
LST	10.9	13.3	18.7	20.5	21.4	22.4	0.0	hr

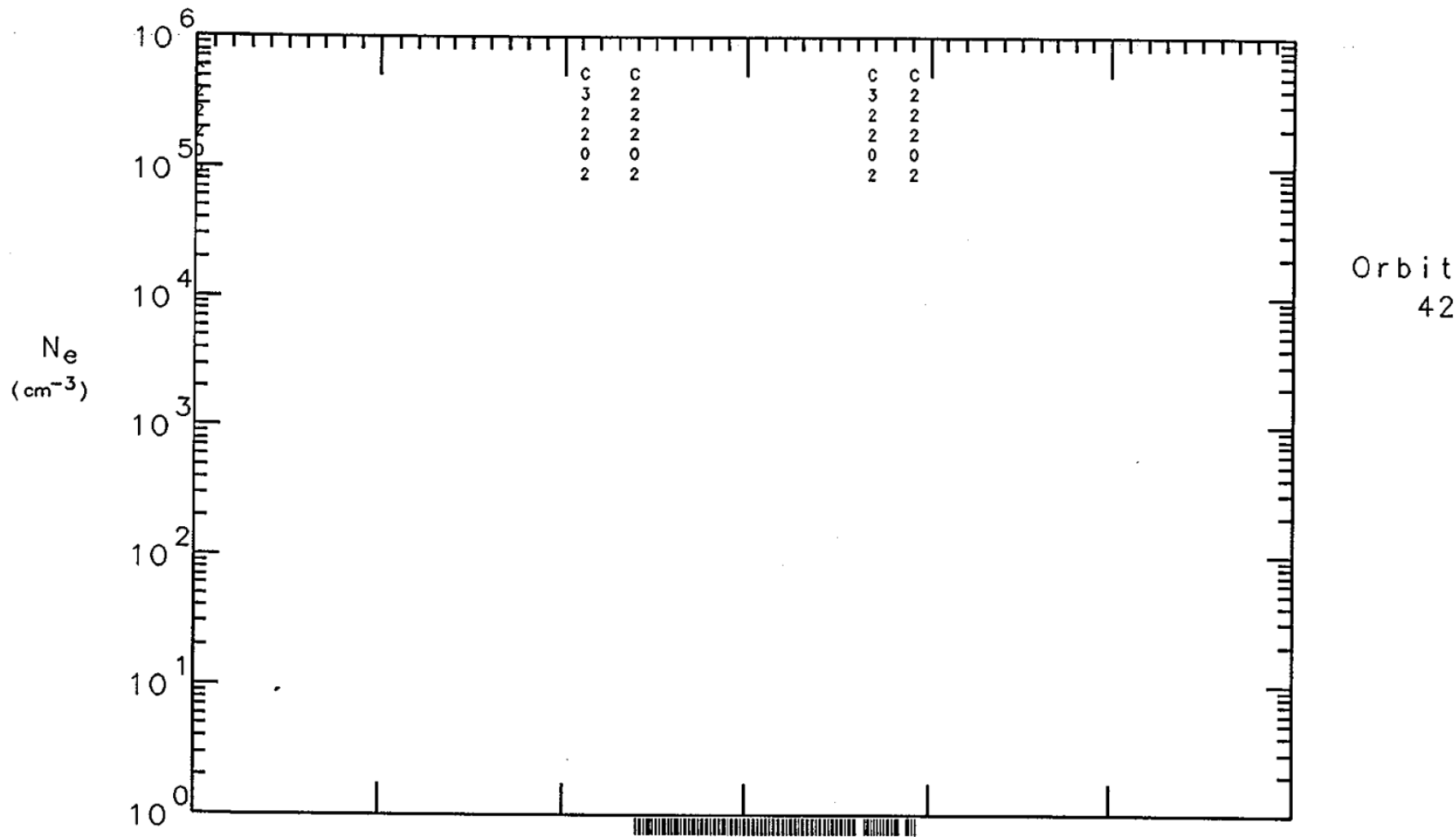
Universal Time, Day 79015

Ne hi-res Radial

Plotted:
12-JUL-93
15:05:46

67440	68040	68640	69240	69840	70440	71040
18:44	18:54	19: 4	19:14	19:24	19:34	19:44

secs
hh:mm



ALT	6348	3668	1269	163	1312	3725	6406	km
LAT	62	73	61	16	-29	-56	-70	deg
LONG	7	-30	-108	-134	-148	-165	168	deg
SZA	65	77	97	127	131	118	107	deg
LST	10.9	13.3	18.7	20.6	21.5	22.5	0.1	hr

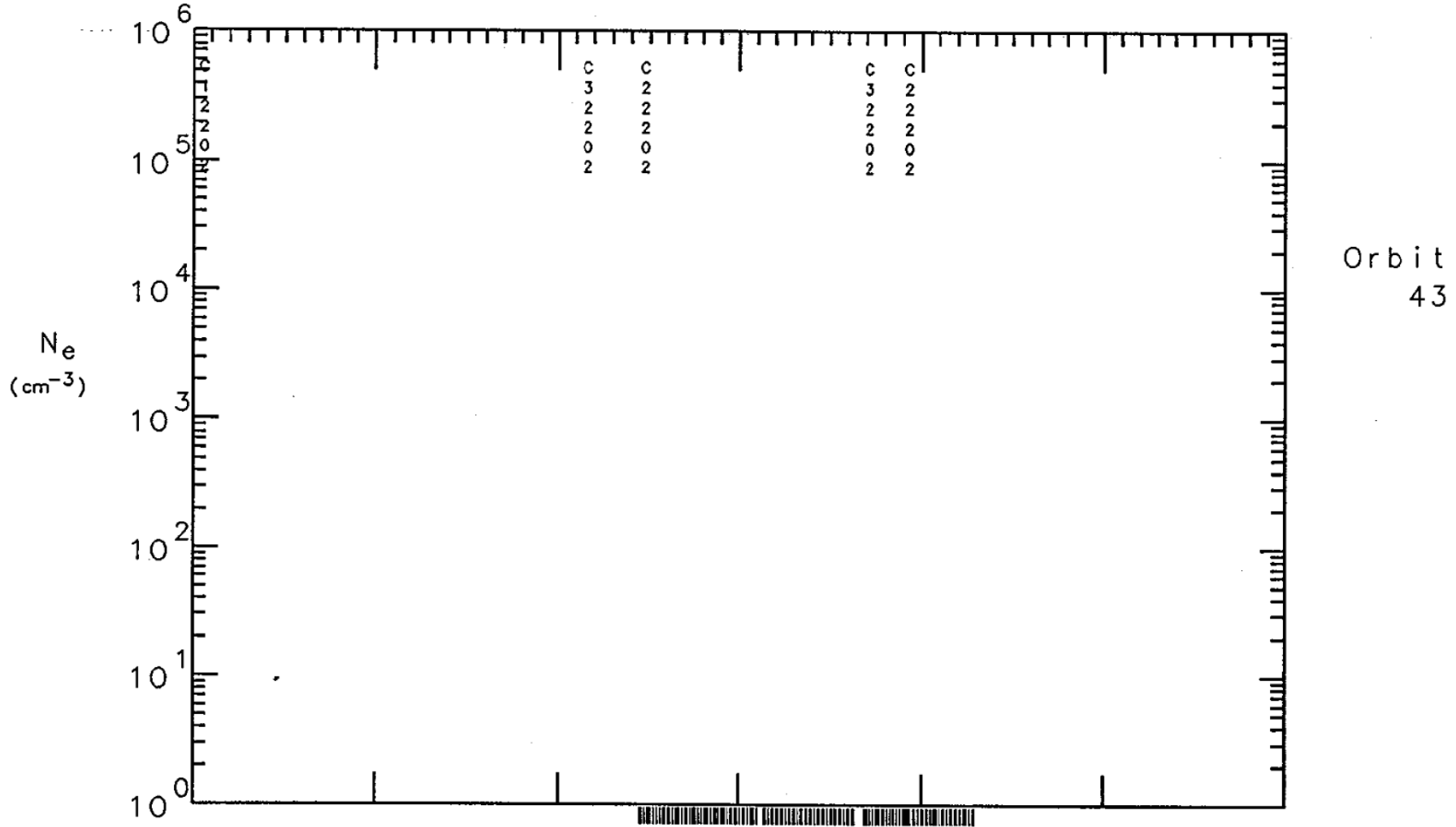
Universal Time, Day 79016

Ne hi-res Radial

Plotted:
12-JUL-93
15:11:43

67680	68280	68880	69480	70080	70680	71280
18:48	18:58	19: 8	19:18	19:28	19:38	19:48

secs
hh:mm



ALT	6434	3754	1336	167	1250	3641	6319	km
LAT	62	73	62	18	-28	-56	-69	deg
LONG	9	-26	-105	-132	-147	-163	171	deg
SZA	65	76	97	128	133	119	107	deg
LST	11.0	13.2	18.7	20.6	21.6	22.6	0.1	hr

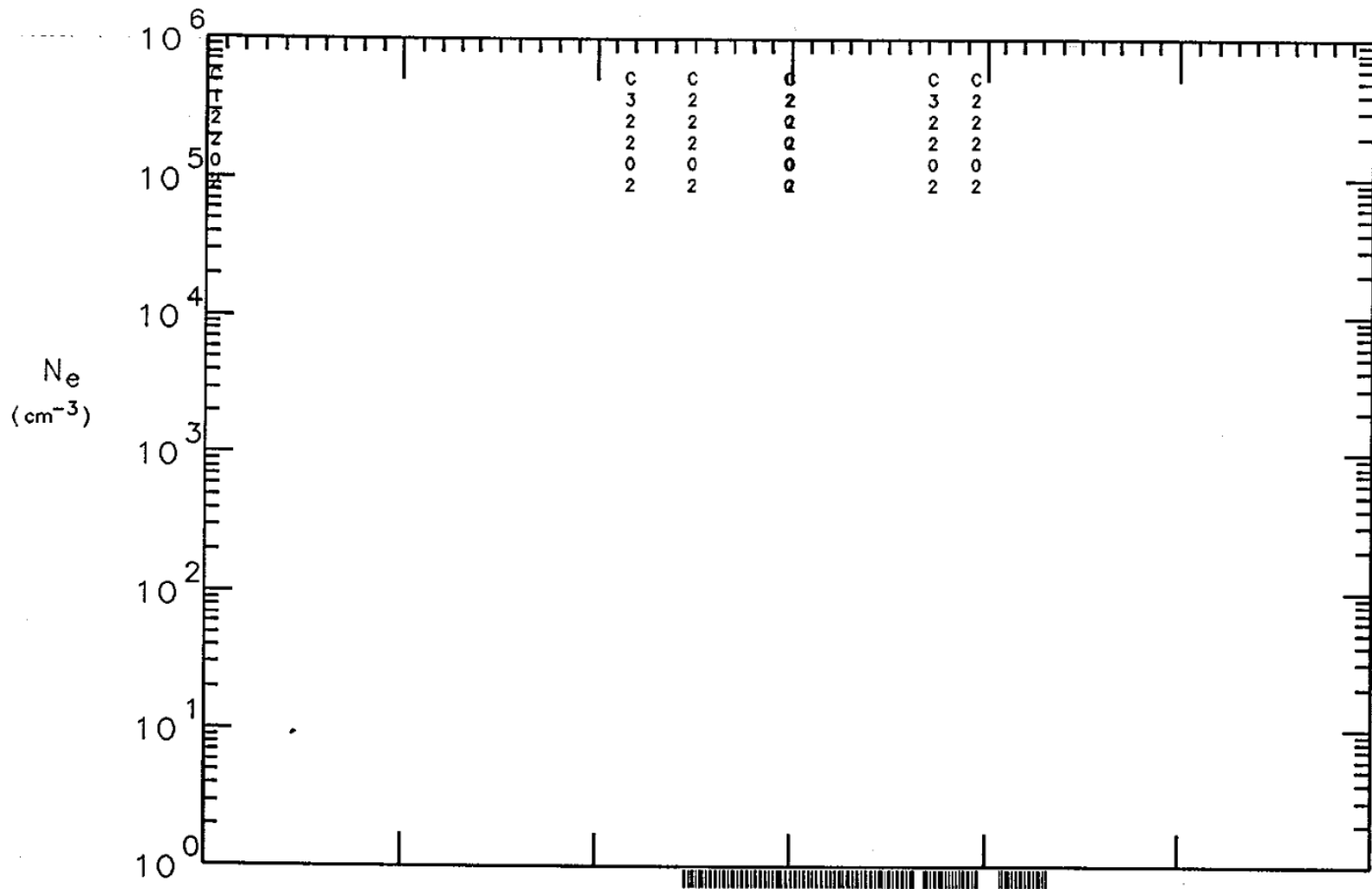
Universal Time, Day 79017

Ne hi-res Radial

Plotted:
12-JUL-93
15:18:55

67920	68520	69120	69720	70320	70920	71520
18:52	19: 2	19:12	19:22	19:32	19:42	19:52

secs
hh:mm



Orbit
44

ALT	6481	3795	1359	149	1203	3591	6274	km
LAT	61	72	62	19	-28	-56	-69	deg
LONG	11	-23	-102	-131	-145	-161	172	deg
SZA	64	76	97	129	134	119	107	deg
LST	11.1	13.2	18.7	20.7	21.7	22.7	0.2	hr

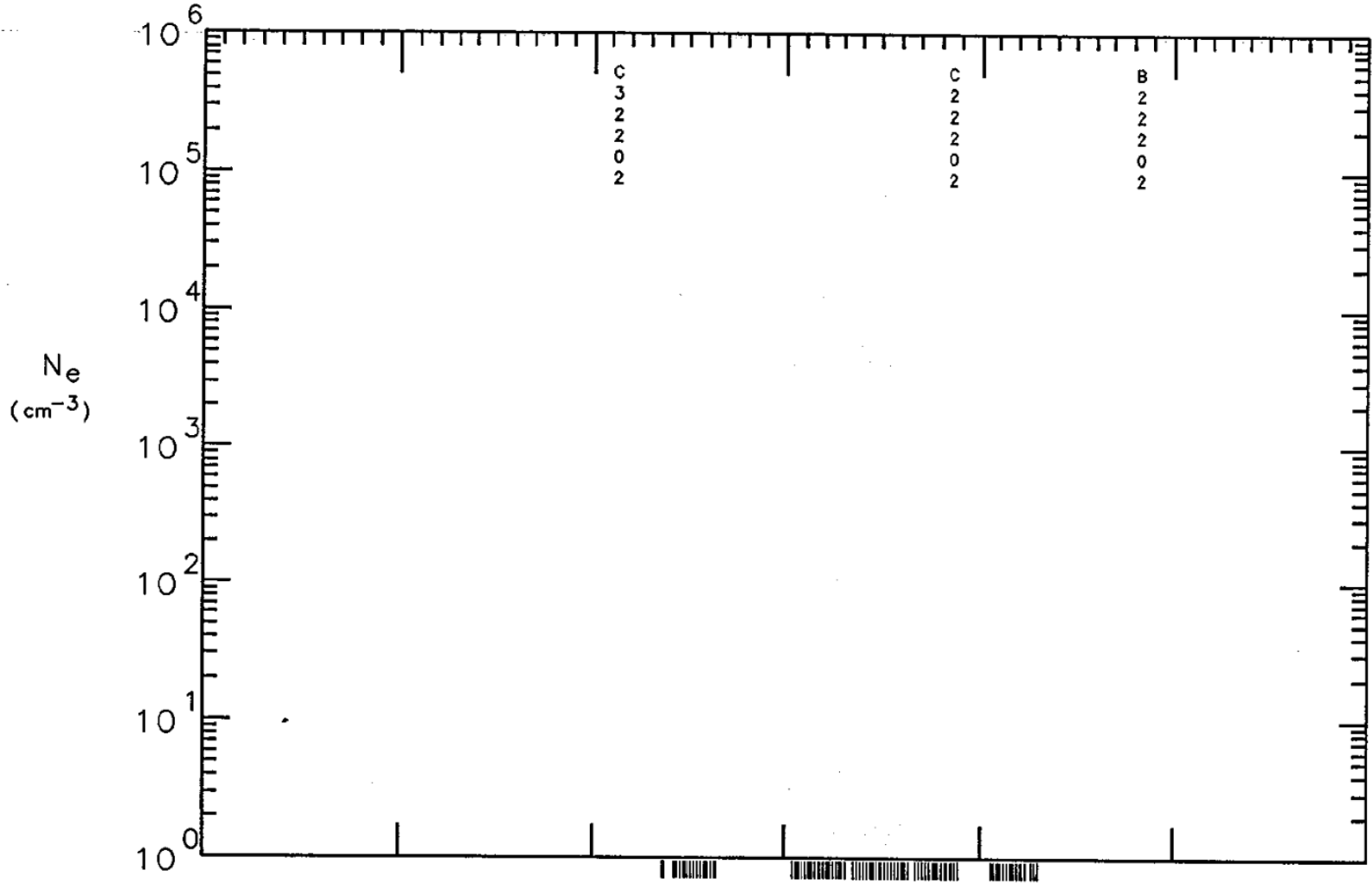
Universal Time, Day 79018

Ne hi-res Radial

Plotted:
12-JUL-93
15:27:39

68160	68760	69360	69960	70560	71160	71760
18:56	19: 6	19:16	19:26	19:36	19:46	19:56

secs
hh:mm



Orbit
45

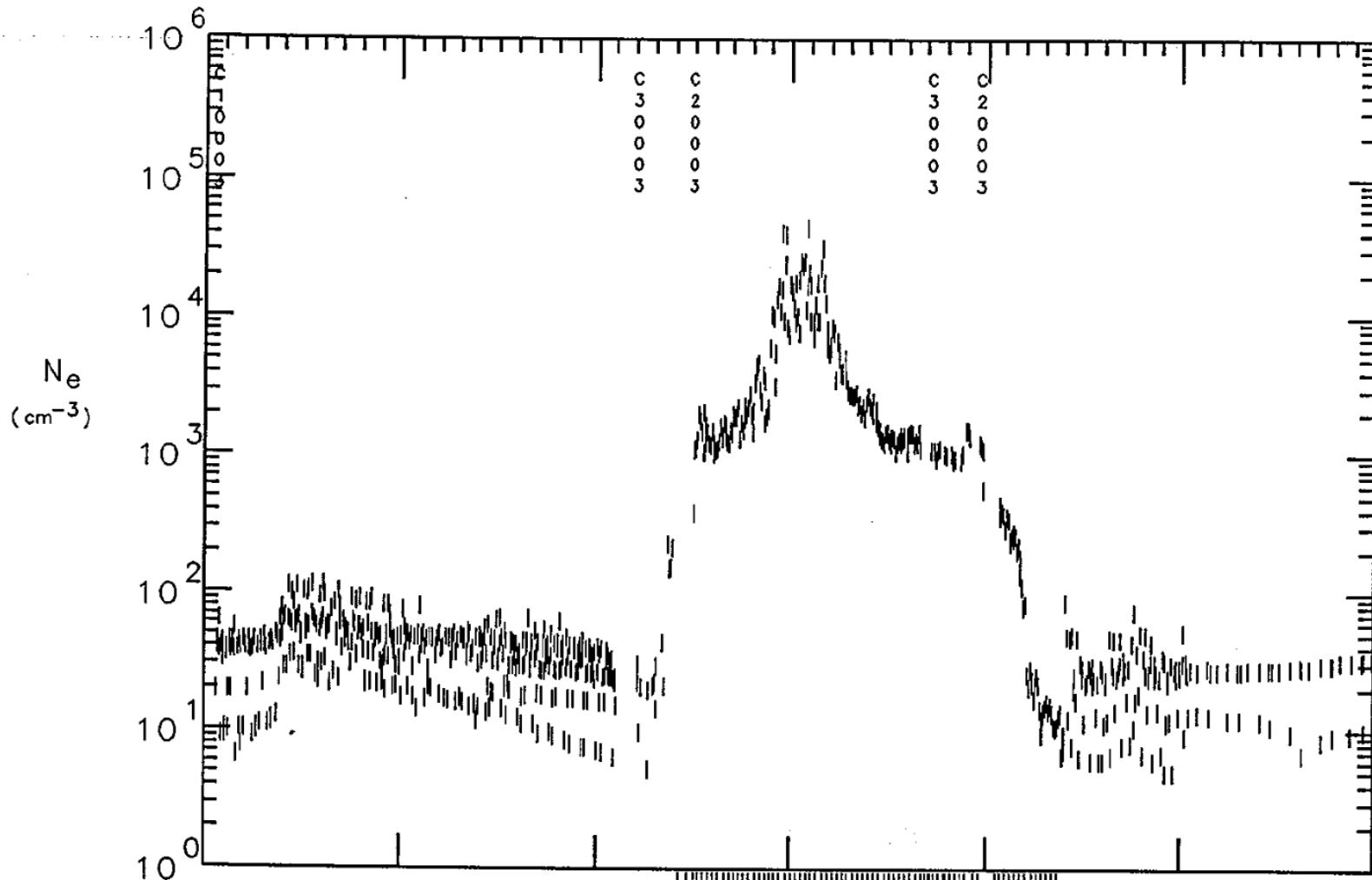
ALT	6363	3679	1271	151	1294	3709	6393	km
LAT	62	73	61	16	-29	-56	-70	deg
LONG	11	-25	-103	-130	-144	-161	172	deg
SZA	64	77	99	131	135	119	107	deg
LST	11.3	13.5	19.0	20.9	21.8	22.8	0.4	hr

Universal Time, Day 79019

Ne hi-res Radiol

Plotted:
12-JUL-93
15:32:37

68340	68940	69540	70140	70740	71340	71940	secs
18:59	19: 9	19:19	19:29	19:39	19:49	19:59	hh:mm



Orbit
46

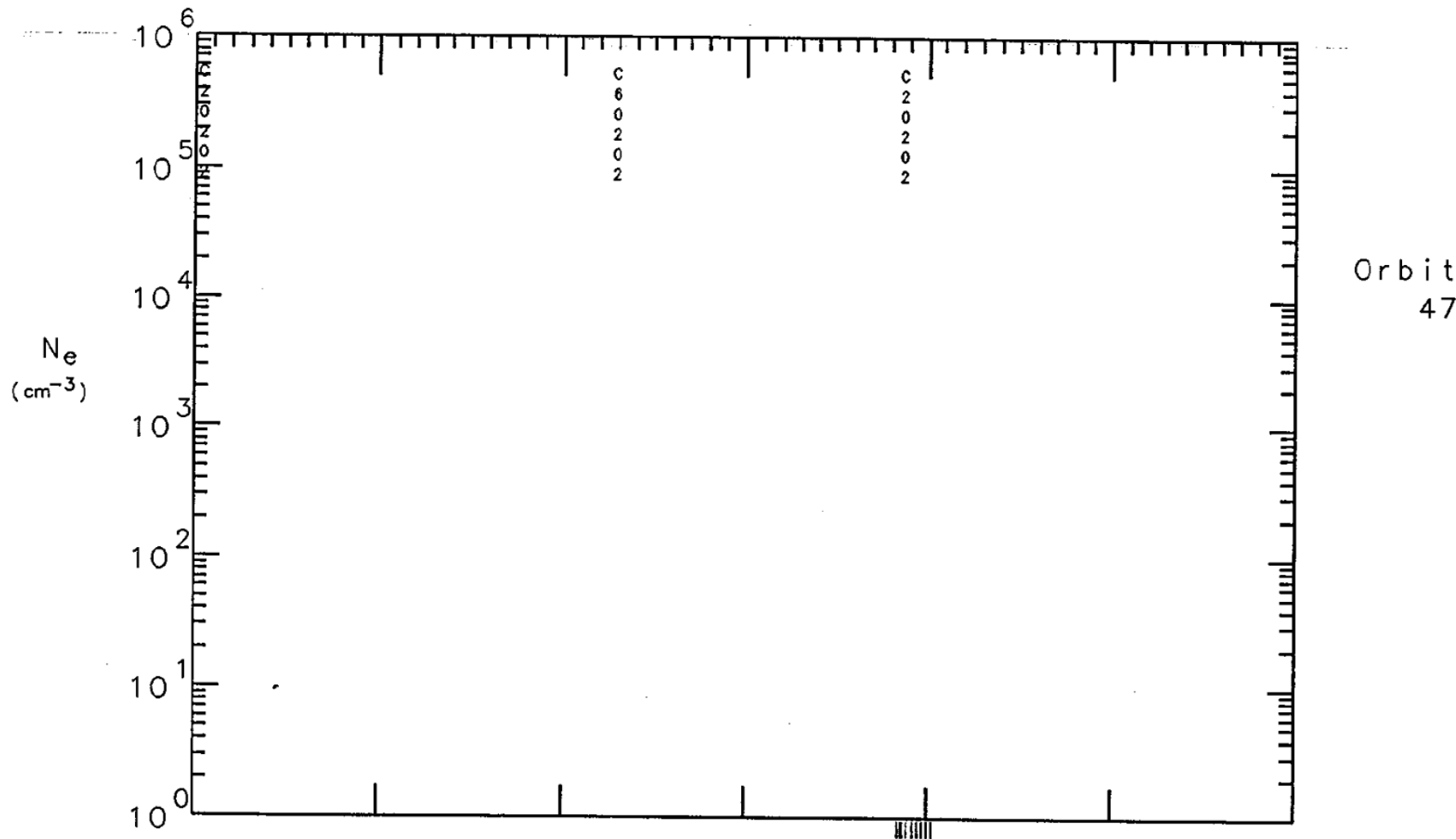
ALT	6505	3821	1383	158	1190	3569	6249	km
LAT	61	72	63	19	-27	-55	-69	deg
LONG	14	-20	-99	-127	-142	-158	176	deg
SZA	64	76	99	131	137	120	107	deg
LST	11.3	13.4	18.9	20.9	21.9	22.9	0.4	hr

Ne hi-res Radial

Universal Time, Day 79020

Plotted:
12-JUL-93
15:44:00
secs
hh:mm

68580	69180	69780	70380	70980	71580	72180
19: 3	19:13	19:23	19:33	19:43	19:53	20: 3



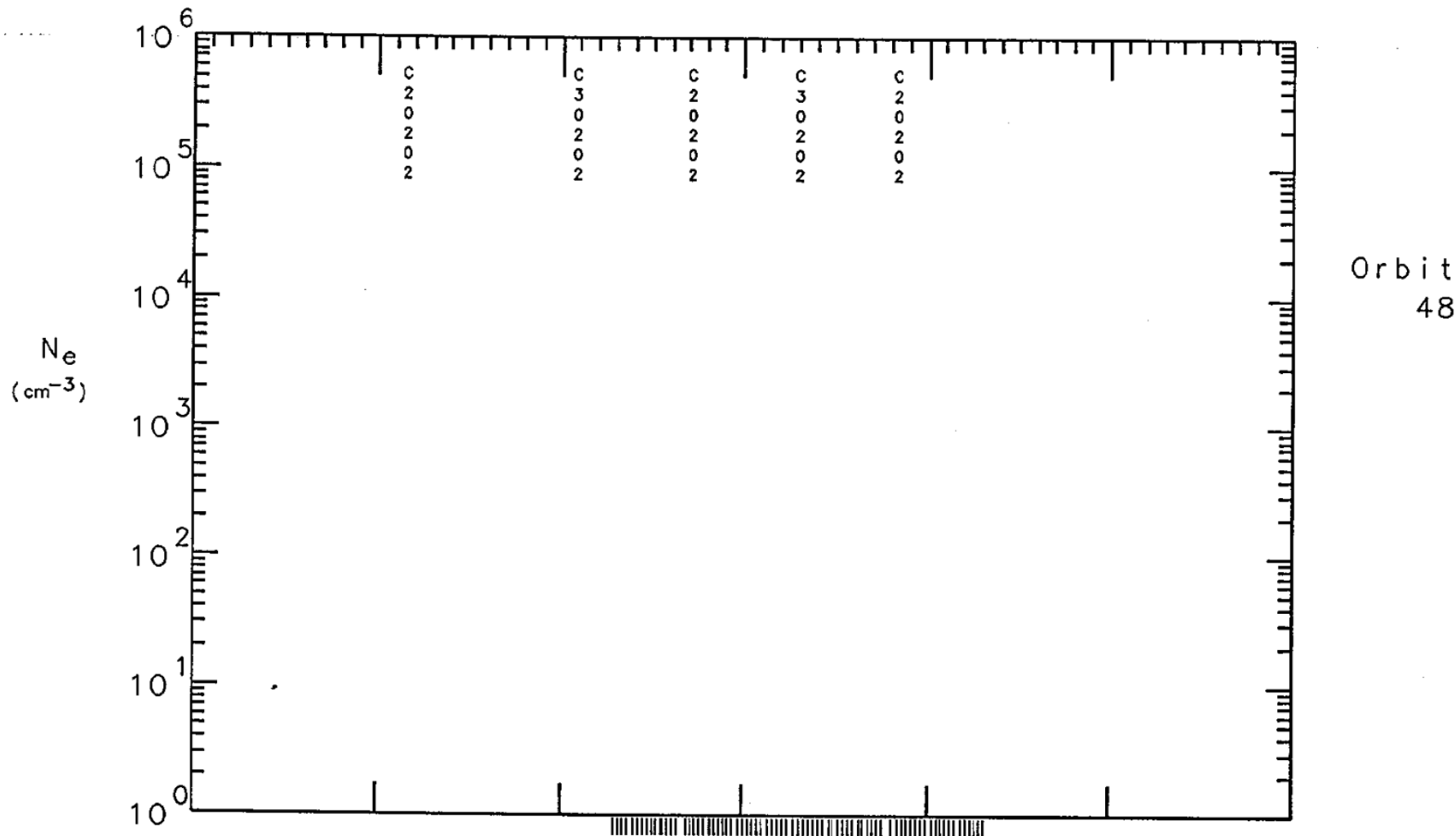
ALT	6376	3694	1287	159	1289	3697	6378	km
LAT	62	73	61	16	-29	-56	-69	deg
LONG	14	-22	-100	-127	-141	-158	176	deg
SZA	64	77	101	134	137	120	107	deg
LST	11.5	13.8	19.2	21.1	22.0	23.1	0.6	hr

Universal Time, Day 79021

Ne hi-res Radial

Plotted:
12-JUL-93
15:50:21
secs
hh:mm

68820	69420	70020	70620	71220	71820	72420
19: 7	19:17	19:27	19:37	19:47	19:57	20: 7



ALT	6246	3569	1194	166	1390	3825	6507	km
LAT	62	73	59	14	-31	-57	-70	deg
LONG	15	-24	-101	-126	-140	-157	176	deg
SZA	65	78	103	137	137	119	106	deg
LST	11.7	14.1	19.5	21.2	22.2	23.2	0.8	hr

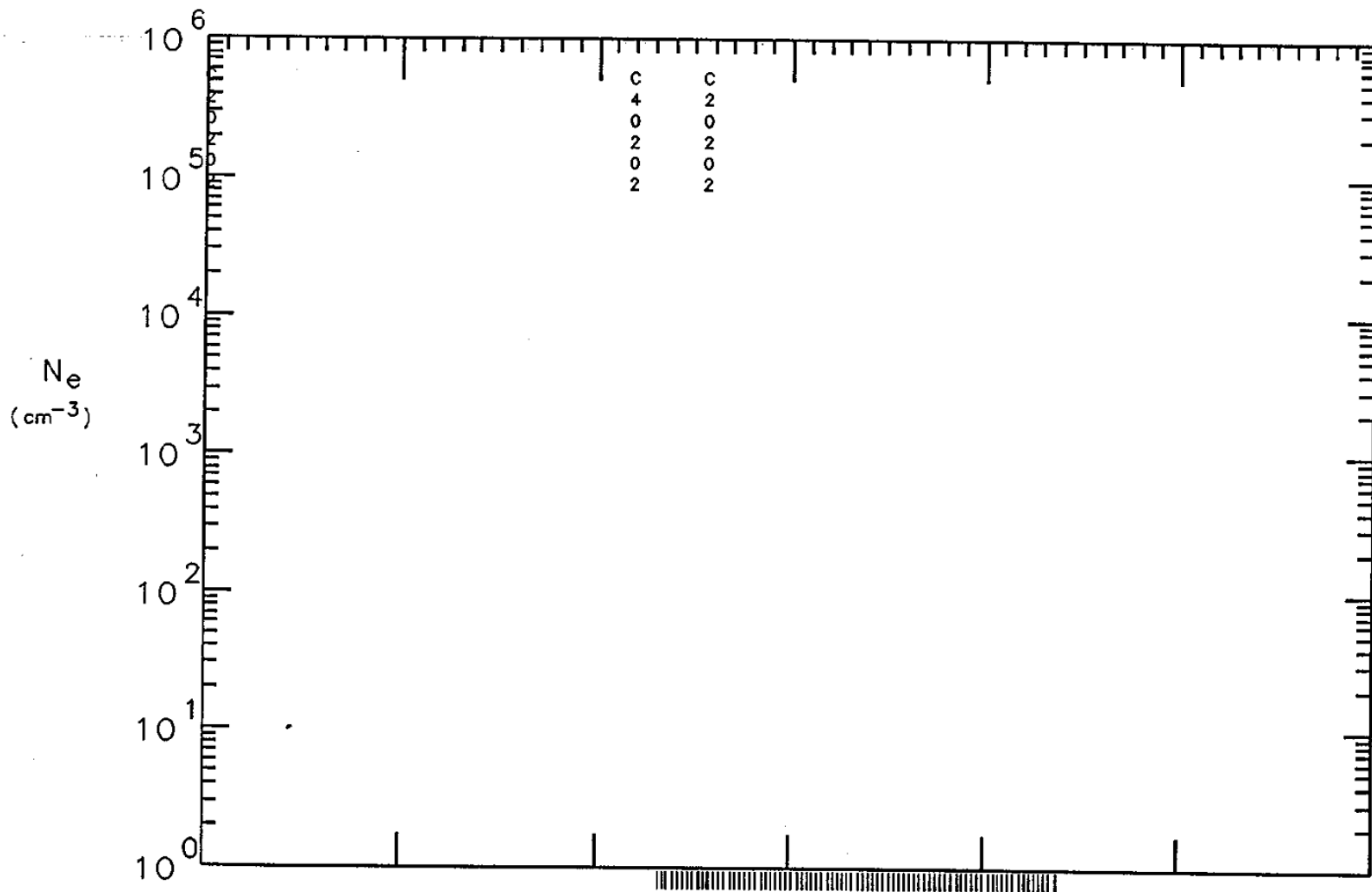
Universal Time, Day 79022

Ne hi-res Radial

Plotted:
12-JUL-93
15:56:25

69000	69600	70200	70800	71400	72000	72600
19:10	19:20	19:30	19:40	19:50	20: 0	20:10

secs
hh:mm



ALT	6386	3707	1301	168	1286	3688	6366	km
LAT	62	72	61	17	-29	-56	-69	deg
LONG	17	-19	-97	-124	-138	-155	179	deg
SZA	64	78	102	137	139	120	107	deg
LST	11.7	14.0	19.4	21.3	22.2	23.3	0.8	hr

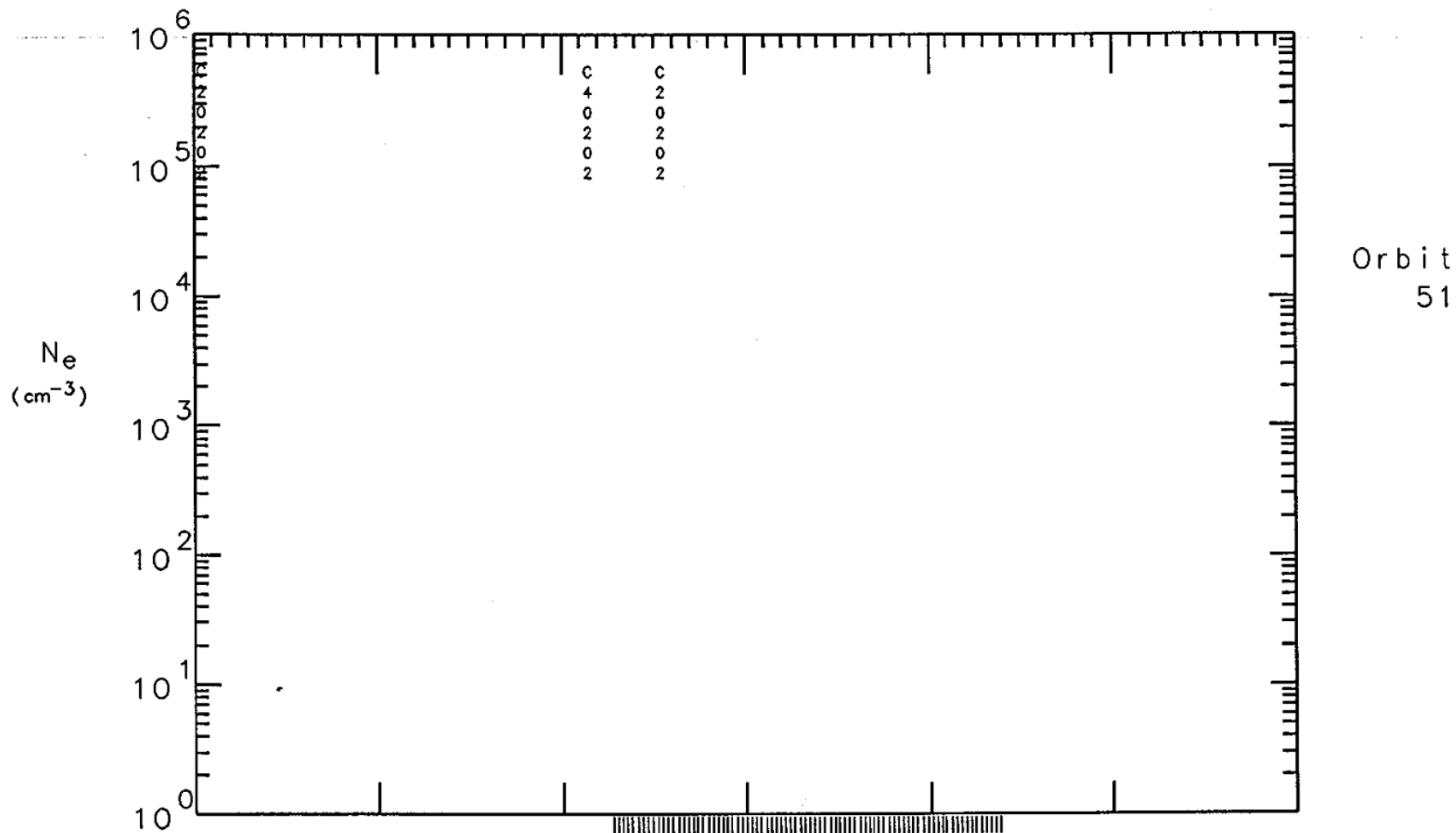
Universal Time, Day 79024

Ne hi-res Radial

Plotted:
12-JUL-93
16:05:20

69420	70020	70620	71220	71820	72420	73020
19:17	19:27	19:37	19:47	19:57	20: 7	20:17

secs
hh:mm



ALT	6347	3662	1254	144	1301	3723	6409	km
LAT	62	72	61	16	-29	-56	-69	deg
LONG	20	-16	-94	-121	-135	-152	-179	deg
SZA	64	78	104	140	141	120	106	deg
LST	11.9	14.2	19.7	21.5	22.5	23.5	1.1	hr

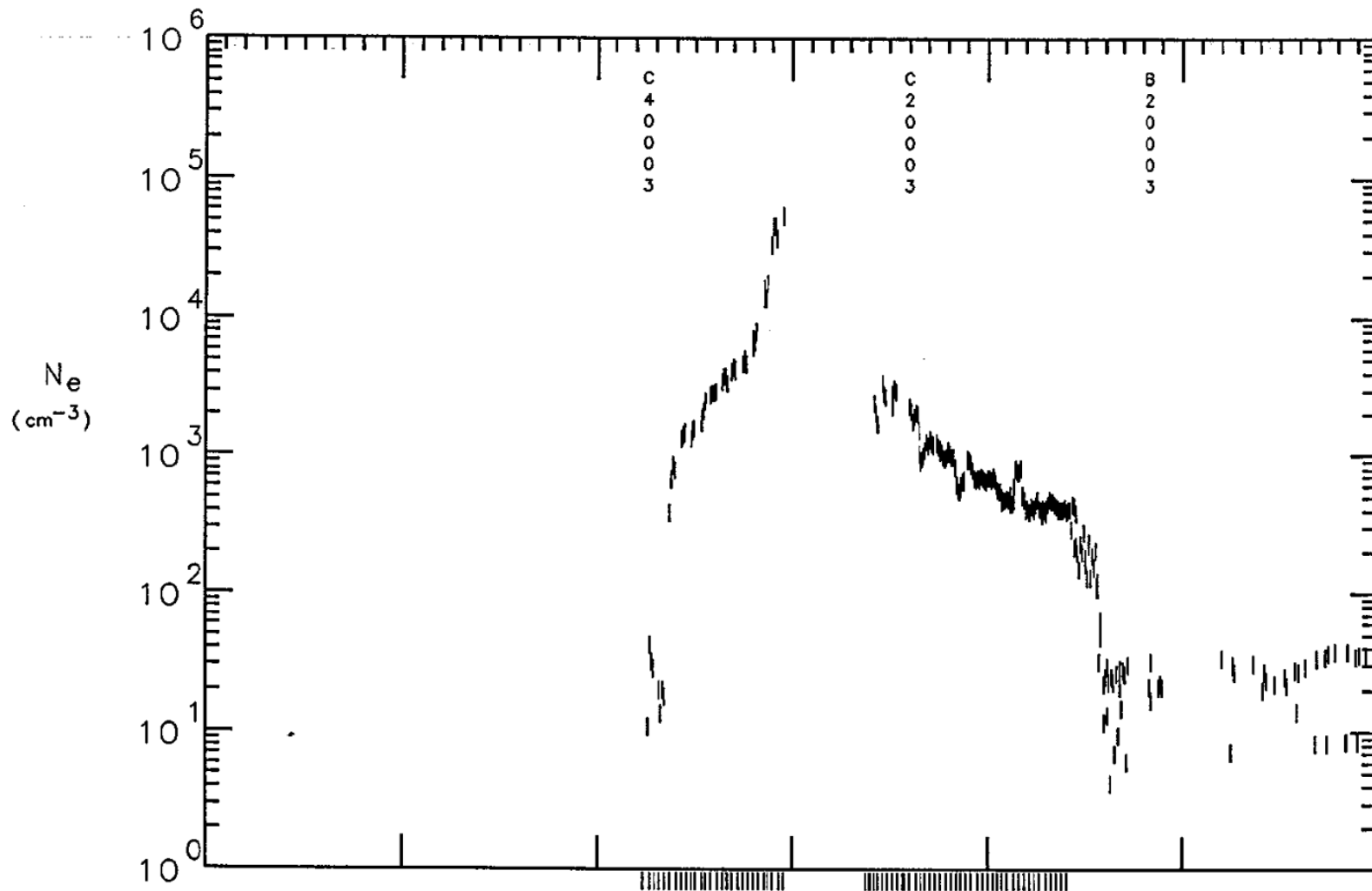
Universal Time, Day 79026

Ne hi-res Radial

Plotted:
12-JUL-93
16:17:02

69720	70320	70920	71520	72120	72720	73320
19:22	19:32	19:42	19:52	20: 2	20:12	20:22

secs
hh:mm



Orbit
53

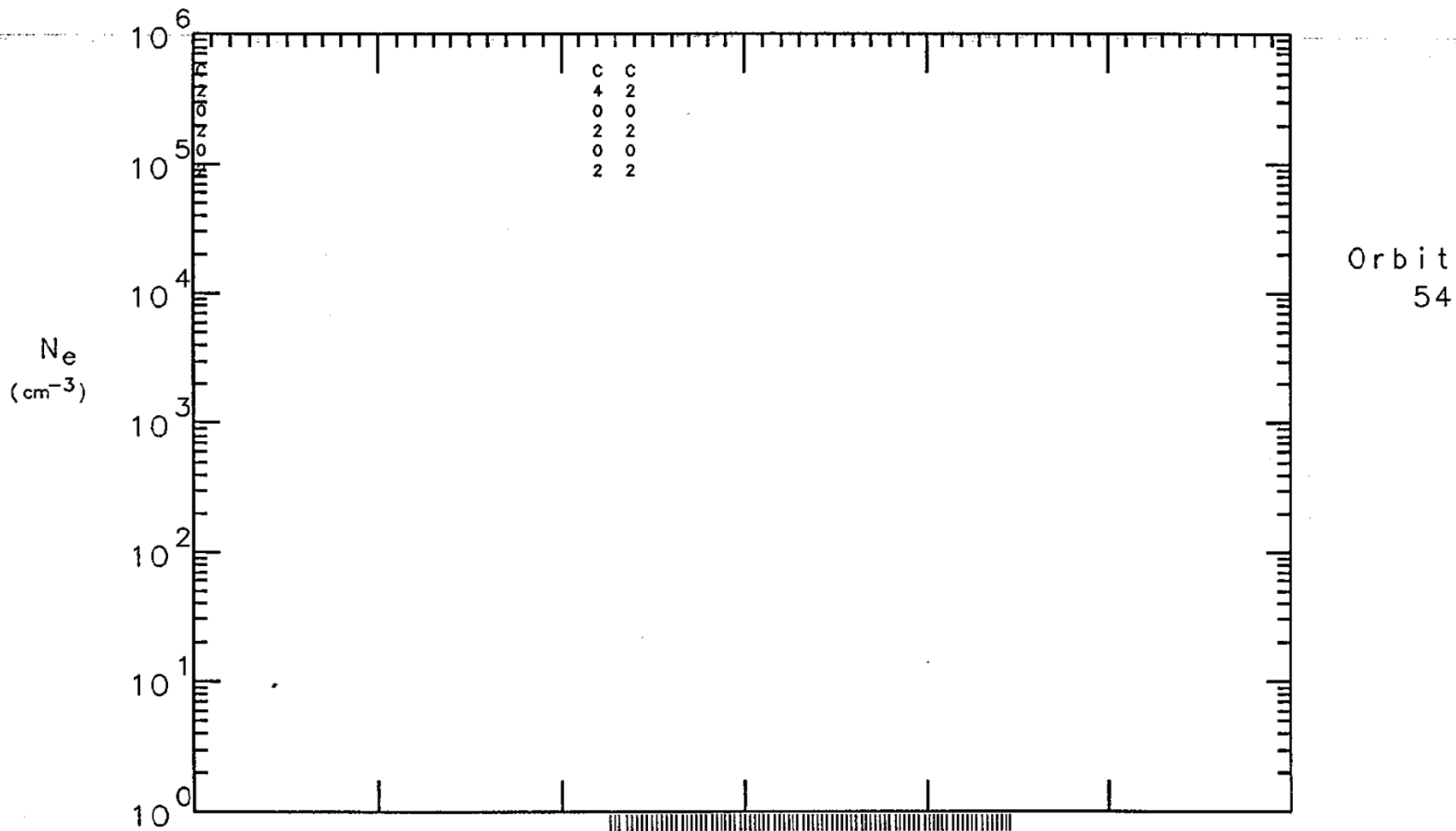
ALT	6313	3632	1237	154	1332	3757	6440	km
LAT	62	72	60	15	-30	-57	-69	deg
LONG	22	-15	-92	-118	-133	-150	-176	deg
SZA	64	79	106	144	142	120	106	deg
LST	12.2	14.5	19.9	21.8	22.7	23.8	1.4	hr

Universal Time, Day 79027

Ne hi-res Radial

Plotted:
12-JUL-93
16:22:51

69840	70440	71040	71640	72240	72840	73440	secs
19:24	19:34	19:44	19:54	20: 4	20:14	20:24	hh:mm



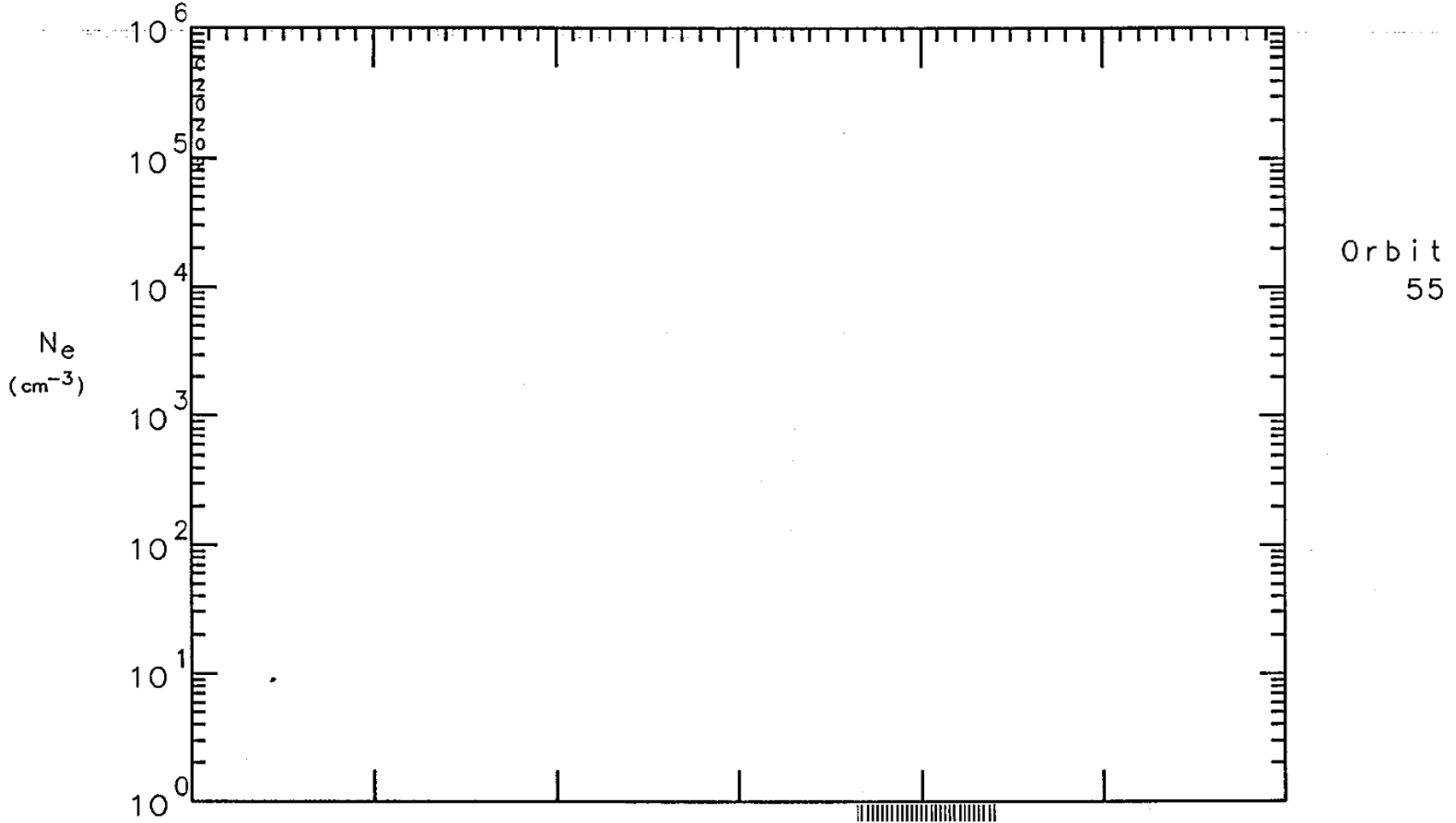
ALT	6422	3740	1322	159	1253	3650	6330	km
LAT	61	72	61	17	-28	-56	-69	deg
LONG	24	-11	-88	-116	-131	-147	-173	deg
SZA	64	79	105	144	144	121	106	deg
LST	12.3	14.5	19.9	21.8	22.8	23.8	1.4	hr

Universal Time, Day 79028

Ne hi-res Radial

Plotted:
12-JUL-93
16:29:40

70020	70620	71220	71820	72420	73020	73620	secs
19:27	19:37	19:47	19:57	20: 7	20:17	20:27	hh:mm



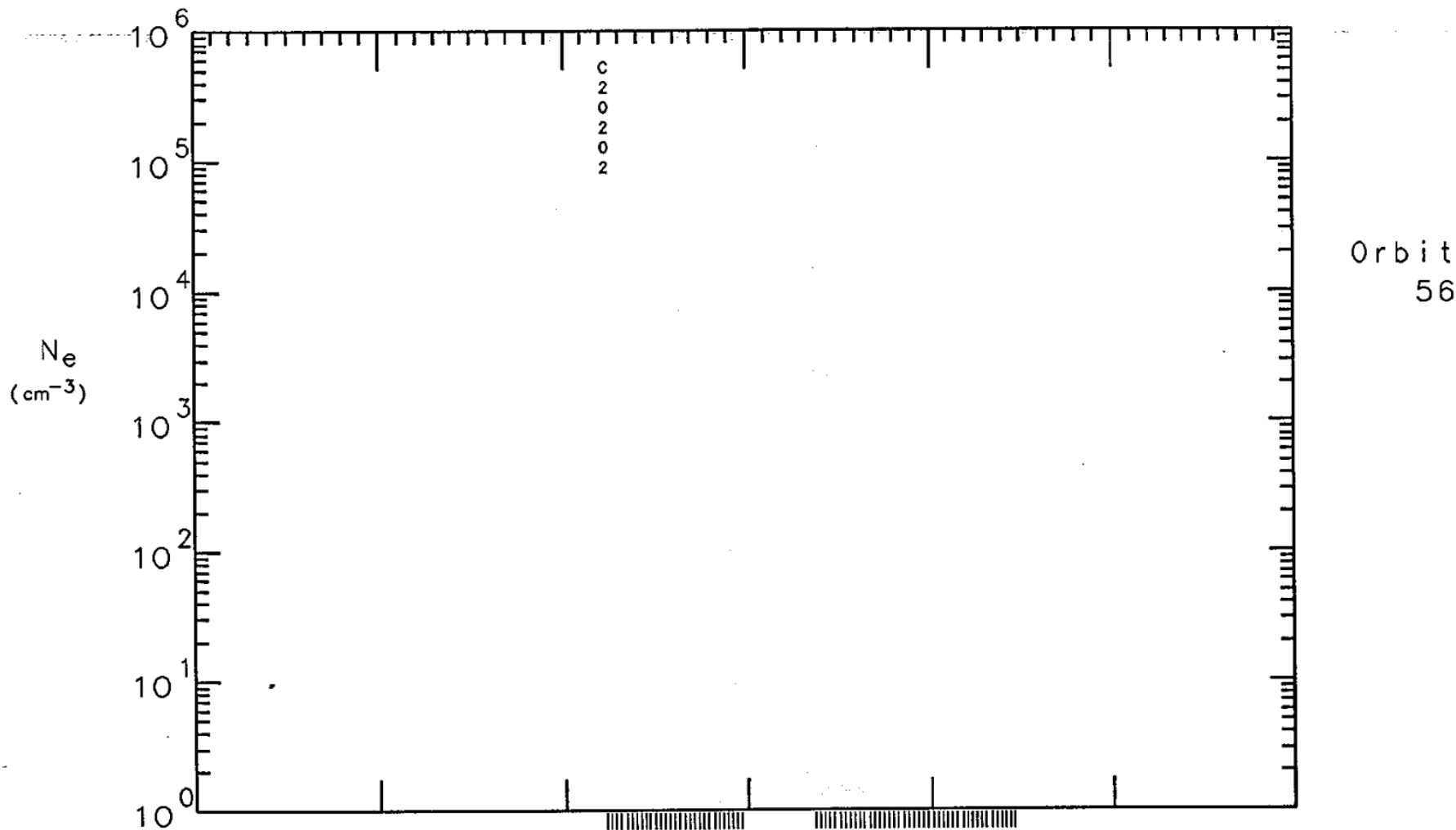
ALT	6262	3584	1206	166	1377	3809	6490	km
LAT	62	73	59	14	-30	-57	-70	deg
LONG	25	-14	-90	-116	-130	-147	-173	deg
SZA	64	80	108	147	143	120	105	deg
LST	12.4	14.9	20.2	22.0	22.9	0.0	1.6	hr

Ne hi-res Radial

Plotted:
12-JUL-93
16:34:57

Universal Time, Day 79029

70140	70740	71340	71940	72540	73140	73740	secs
19:29	19:39	19:49	19:59	20: 9	20:19	20:29	hh:mm



ALT	6371	3693	1291	168	1297	3702	6380	km
LAT	62	72	61	16	-29	-56	-69	deg
LONG	27	-9	-86	-113	-128	-145	-171	deg
SZA	64	80	107	147	145	121	105	deg
LST	12.5	14.8	20.2	22.1	23.0	0.1	1.6	hr

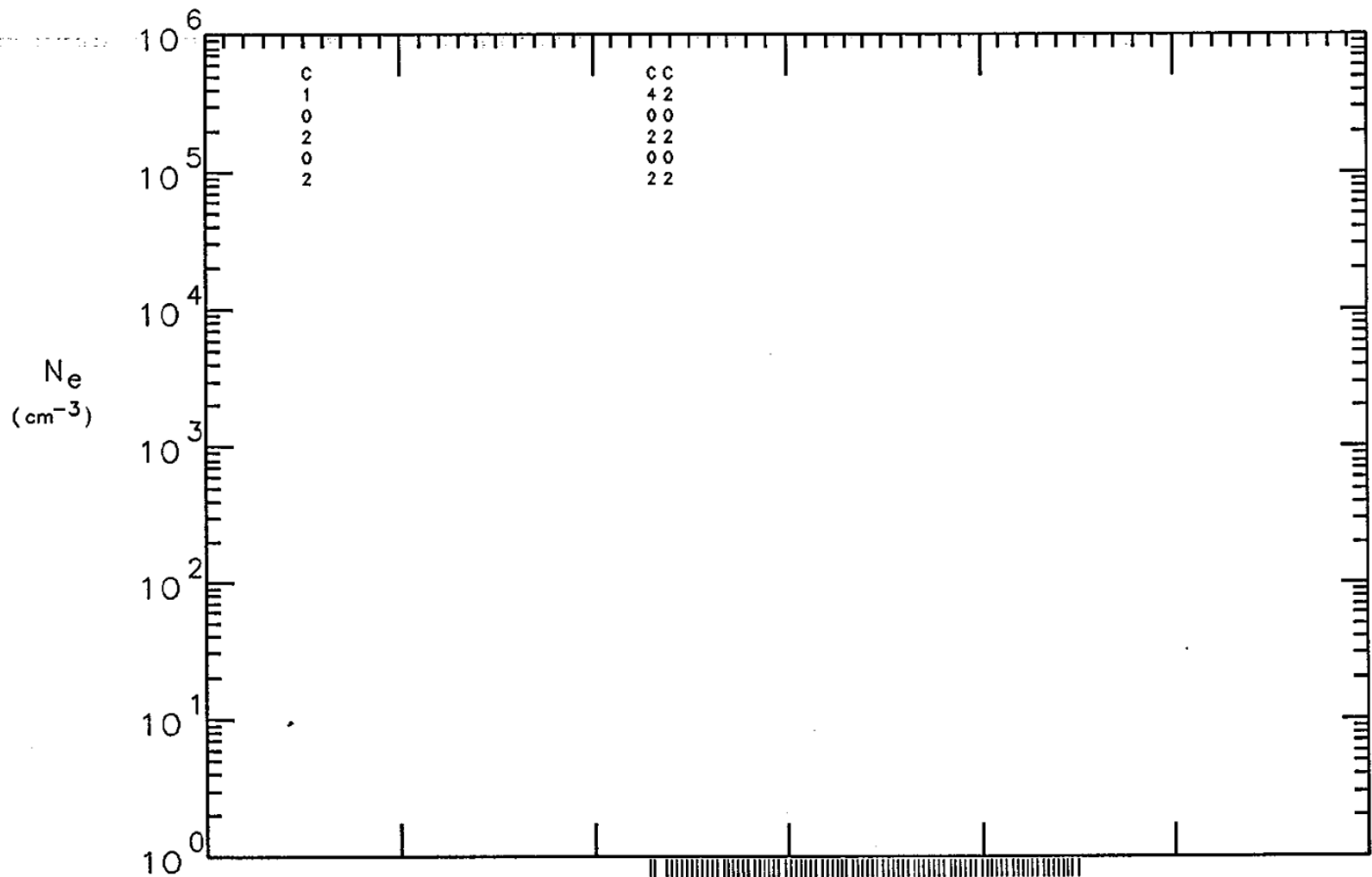
Universal Time, Day 79030

Ne hi-res Radial

Plotted:
12-JUL-93
16:40:25

- 70260	70860	71460	72060	72660	73260	73860
19:31	19:41	19:51	20: 1	20:11	20:21	20:31

secs
hh:mm



Orbit
57

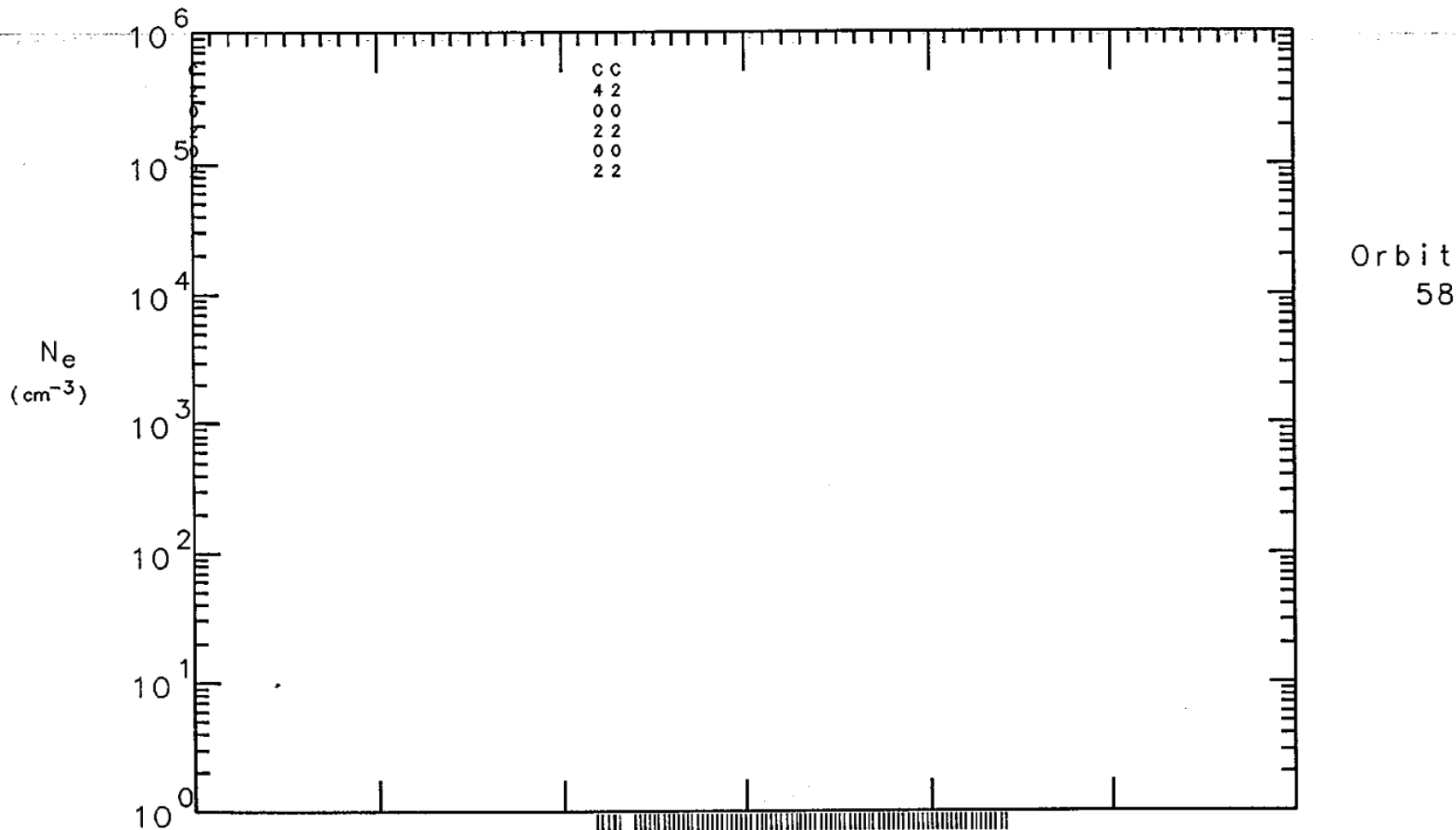
ALT	6482	3803	1378	175	1218	3594	6268	km
LAT	61	72	62	18	-27	-55	-69	deg
LONG	29	-5	-83	-111	-126	-142	-168	deg
SZA	64	79	106	147	147	122	106	deg
LST	12.6	14.8	20.1	22.1	23.1	0.1	1.7	hr

Universal Time, Day 79031

Ne hi-res Radial

Plotted:
12-JUL-93
16:47:29

70440	71040	71640	72240	72840	73440	74040	secs
19:34	19:44	19:54	20: 4	20:14	20:24	20:34	hh:mm



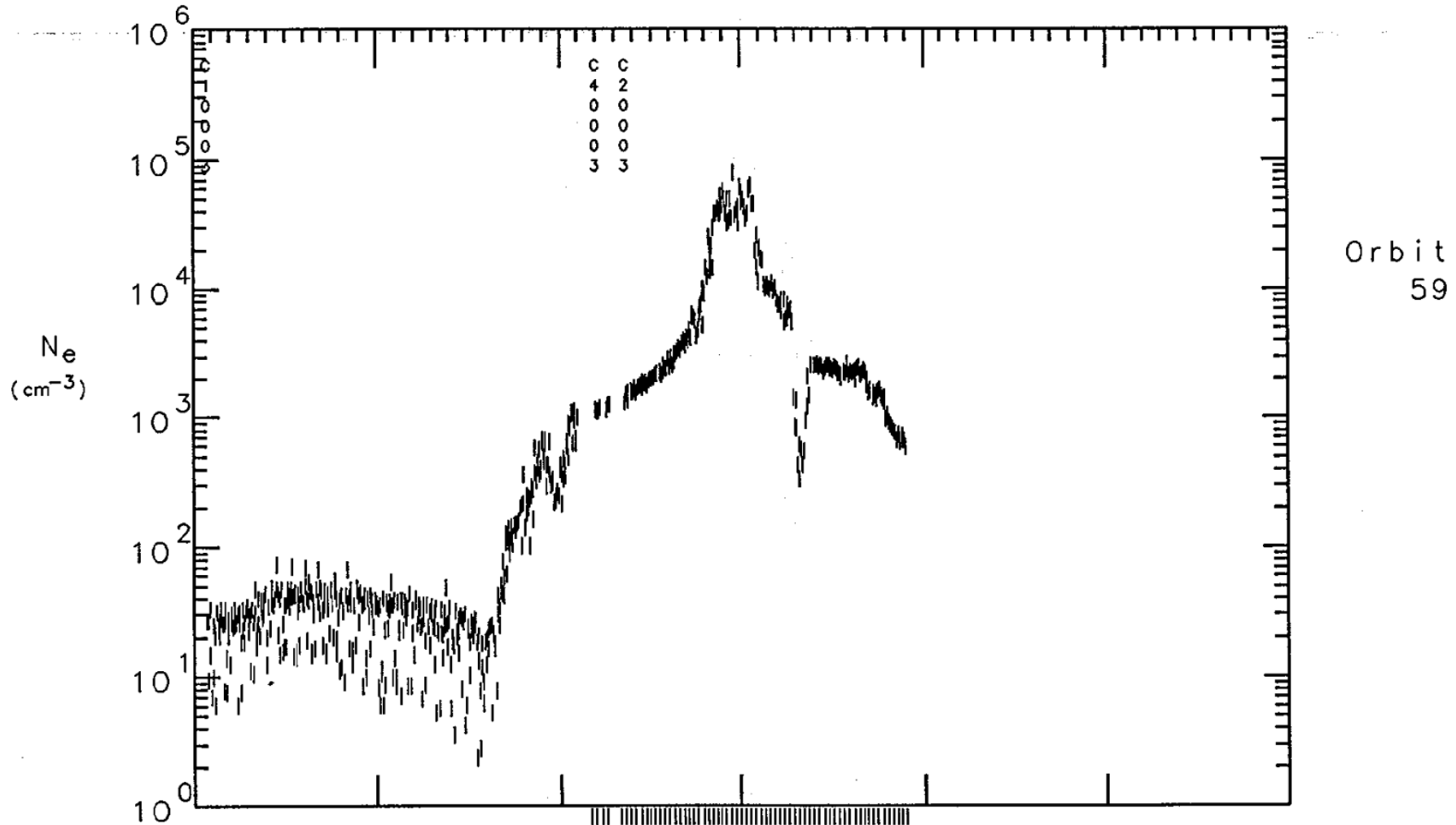
ALT	6263	3579	1191	144	1363	3804	6492	km
LAT	62	72	60	14	-31	-57	-70	deg
LONG	29	-8	-85	-111	-126	-143	-170	deg
SZA	65	81	109	152	145	120	104	deg
LST	12.8	15.2	20.5	22.3	23.3	0.4	2.0	hr

Universal Time, Day 79032

Ne hi-res Radial

Plotted:
12-JUL-93
16:54:33

70500	71100	71700	72300	72900	73500	74100	secs
19:35	19:45	19:55	20: 5	20:15	20:25	20:35	hh:mm



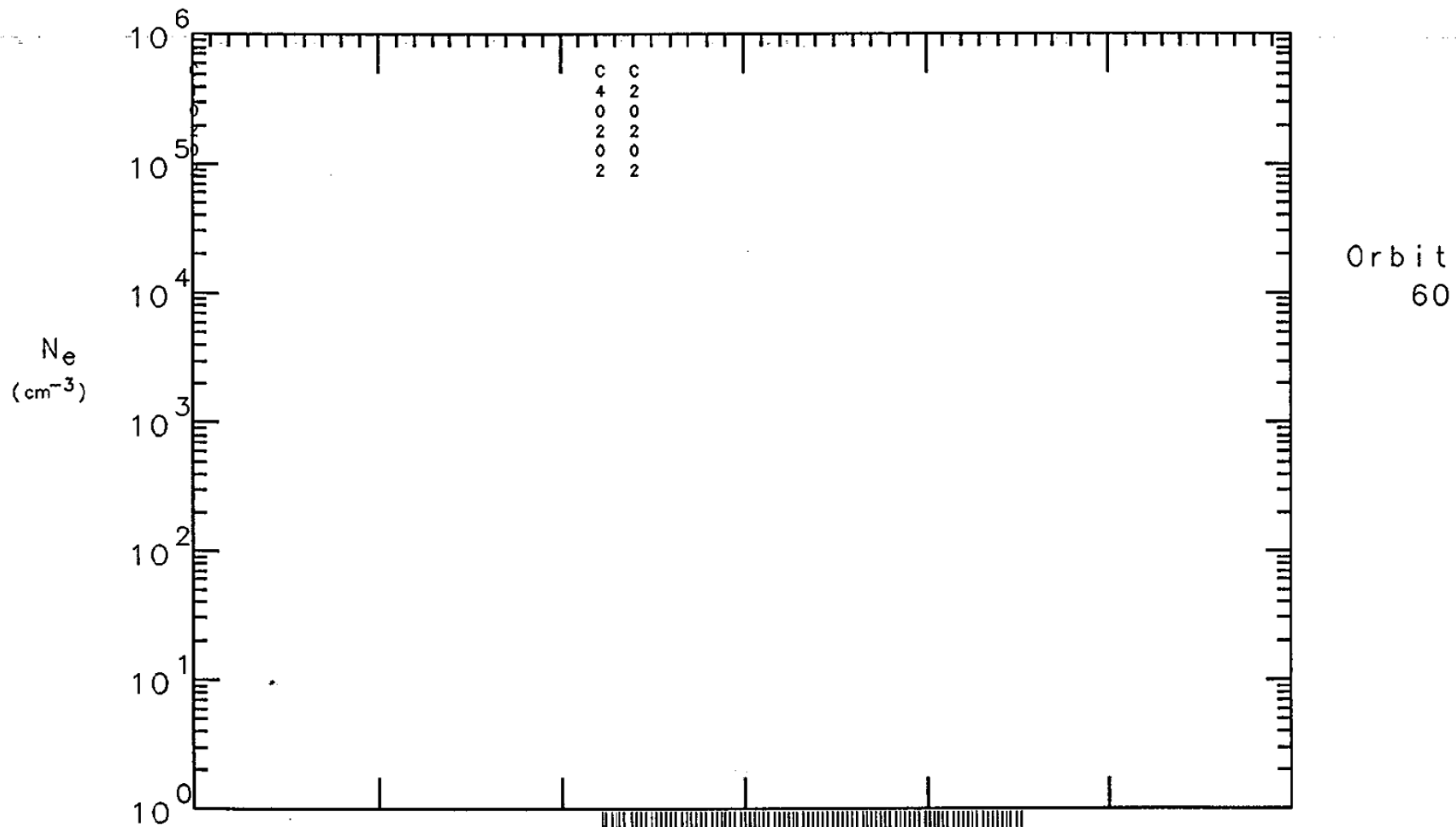
ALT	6250	3568	1185	149	1376	3817	6503	km
LAT	62	72	59	14	-31	-57	-70	deg
LONG	31	-8	-84	-110	-124	-142	-168	deg
SZA	65	82	110	153	145	120	104	deg
LST	12.9	15.3	20.6	22.4	23.4	0.5	2.1	hr

Universal Time, Day 79033

Ne hi-res Radial

Plotted:
12-JUL-93
17:03:15

70500	71100	71700	72300	72900	73500	74100	secs
19:35	19:45	19:55	20: 5	20:15	20:25	20:35	hh:mm



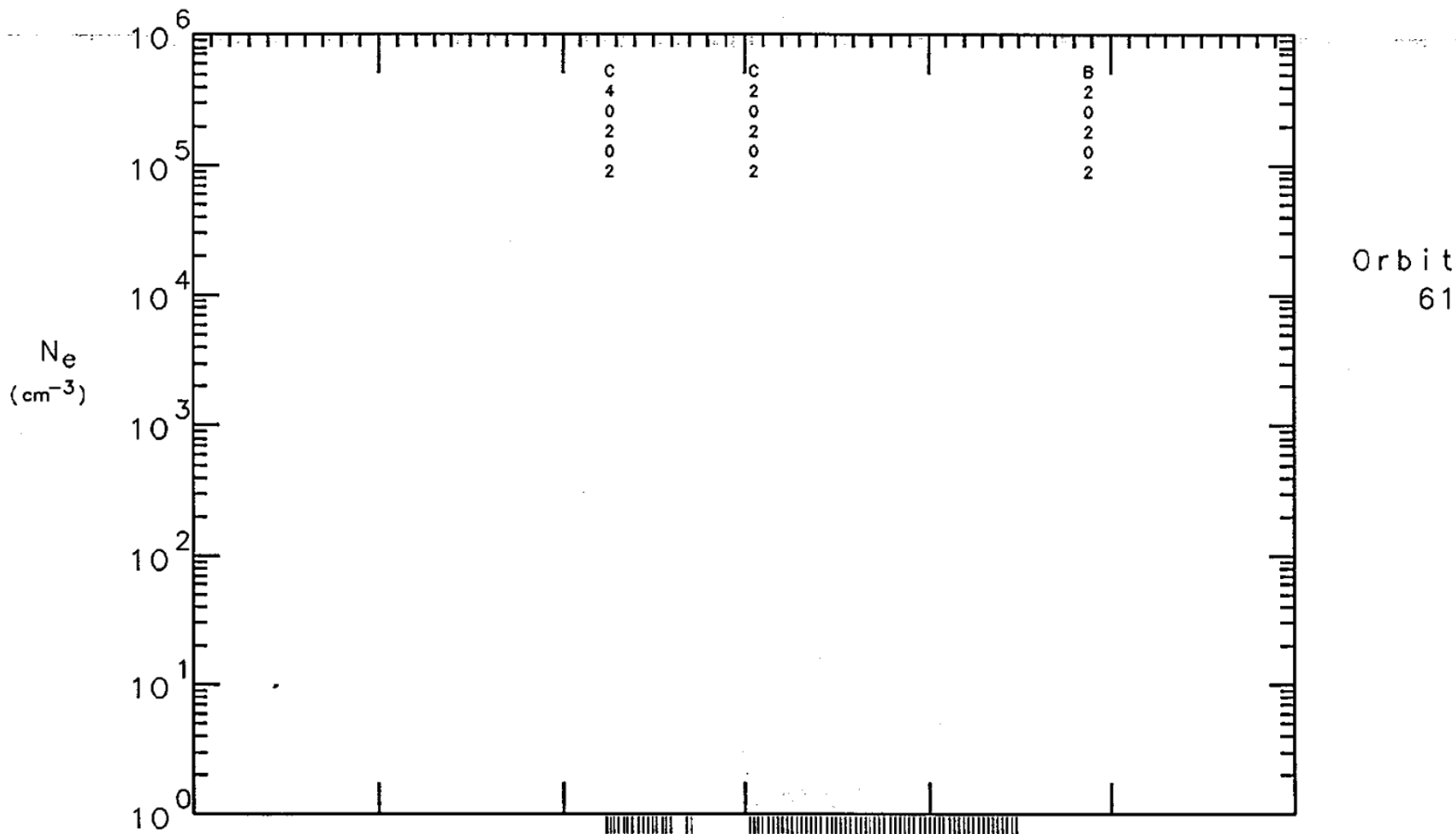
ALT	6487	3802	1367	153	1200	3585	6266	km
LAT	61	72	62	18	-27	-55	-69	deg
LONG	33	0	-78	-107	-122	-138	-164	deg
SZA	64	80	108	151	149	121	105	deg
LST	12.9	15.0	20.4	22.4	23.4	0.5	2.0	hr

Universal Time, Day 79034

Ne hi-res Radial

Plotted:
12-JUL-93
17:10:13

70560	71160	71760	72360	72960	73560	74160	secs
19:36	19:46	19:56	20: 6	20:16	20:26	20:36	hh:mm



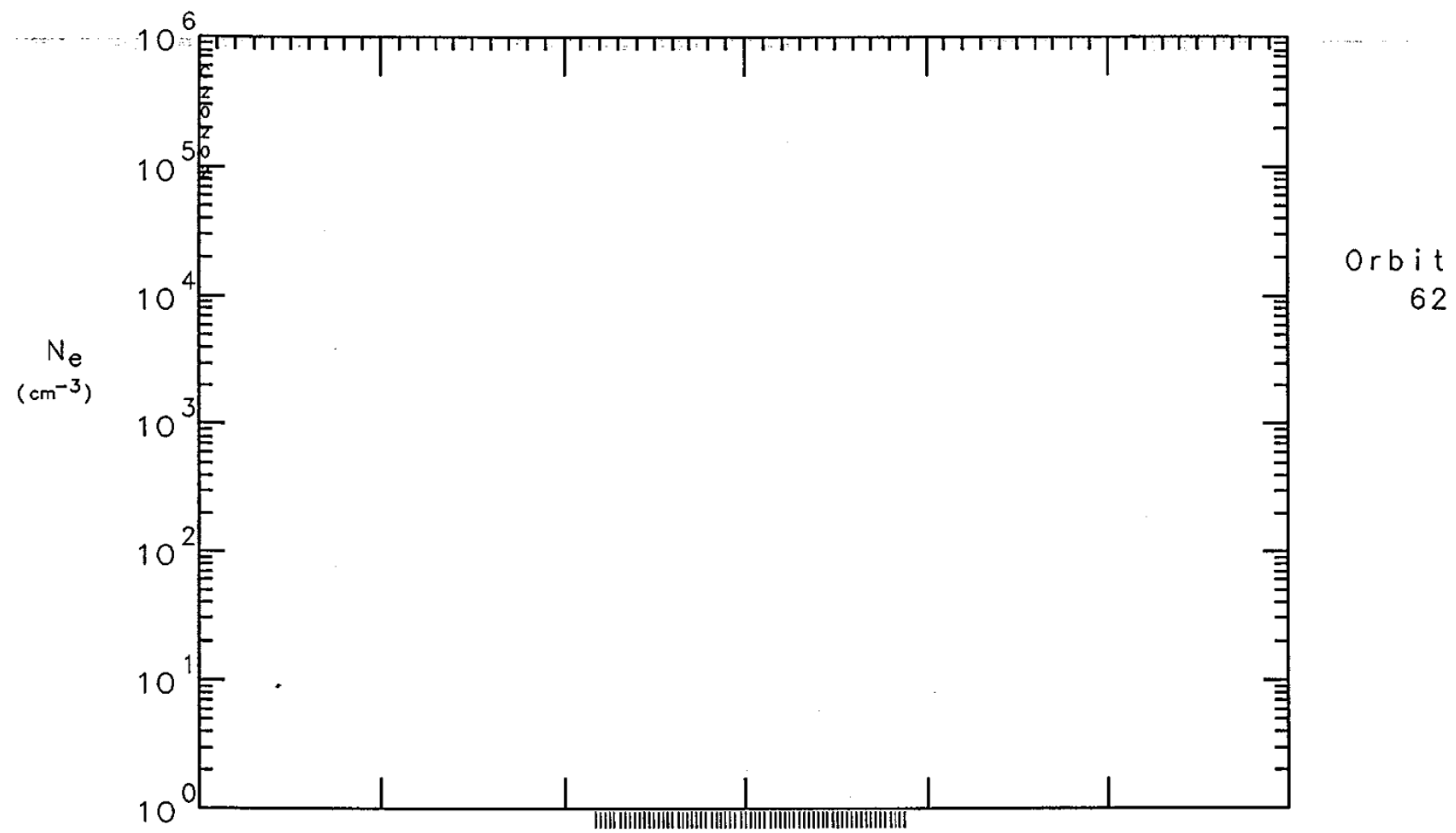
ALT	6444	3761	1337	157	1235	3628	6308	km
LAT	61	72	61	18	-28	-56	-69	deg
LONG	35	0	-77	-106	-120	-137	-163	deg
SZA	64	81	109	153	149	121	104	deg
LST	13.0	15.2	20.6	22.6	23.5	0.6	2.2	hr

Universal Time, Day 79035

Ne hi-res Radial

Plotted:
12-JUL-93
17:14:15

70620	71220	71820	72420	73020	73620	74220	secs
19:37	19:47	19:57	20: 7	20:17	20:27	20:37	hh:mm



Orbit
62

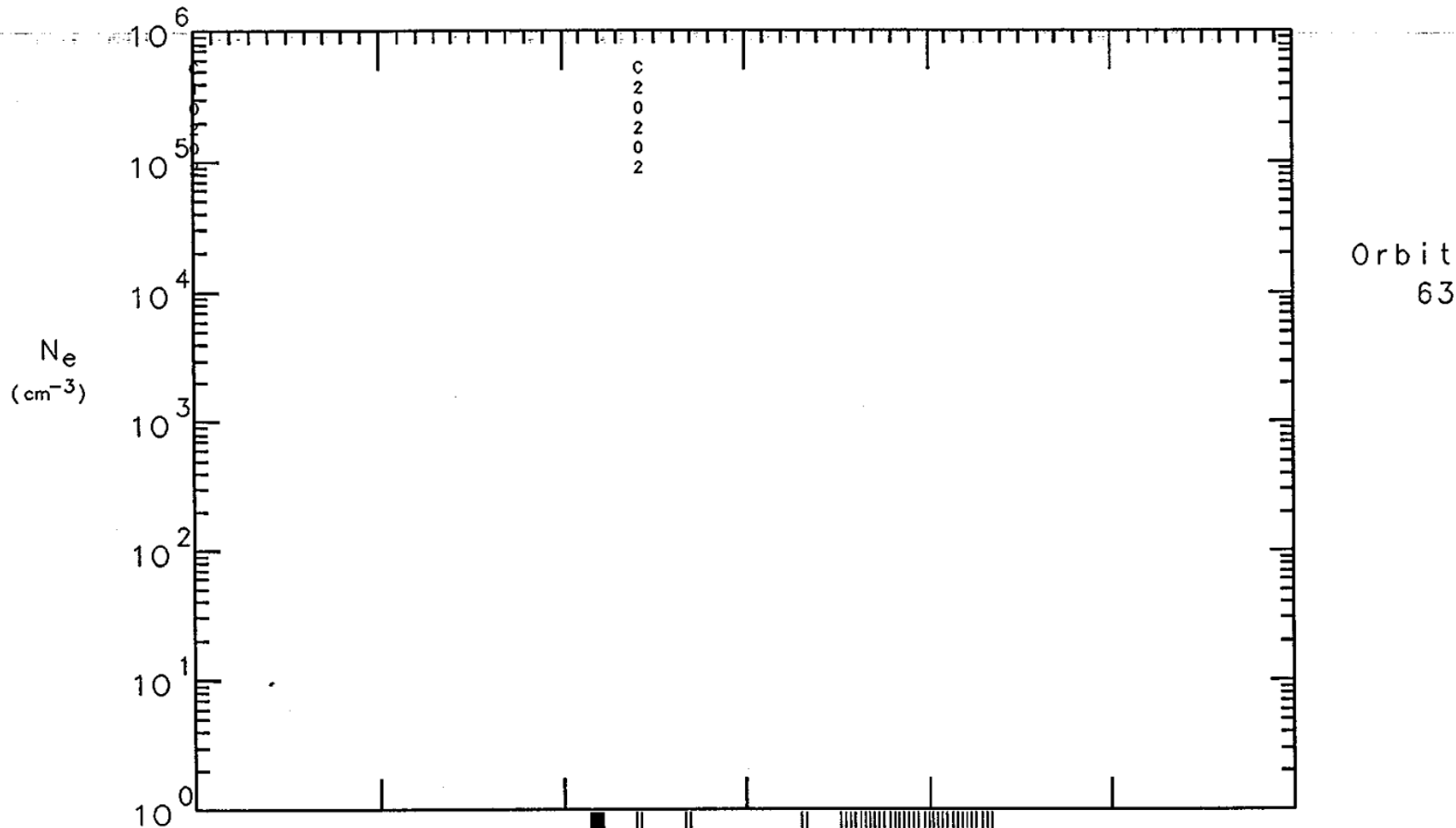
ALT	6401	3720	1308	161	1270	3670	6350	km
LAT	61	72	61	17	-29	-56	-69	deg
LONG	36	0	-77	-104	-119	-136	-162	deg
SZA	65	82	110	155	148	121	104	deg
LST	13.2	15.4	20.8	22.7	23.7	0.7	2.3	hr

Universal Time, Day 79036

Ne hi-res Radial

Plotted:
12-JUL-93
17:19:42

70680	71280	71880	72480	73080	73680	74280	secs
19:38	19:48	19:58	20: 8	20:18	20:28	20:38	hh:mm



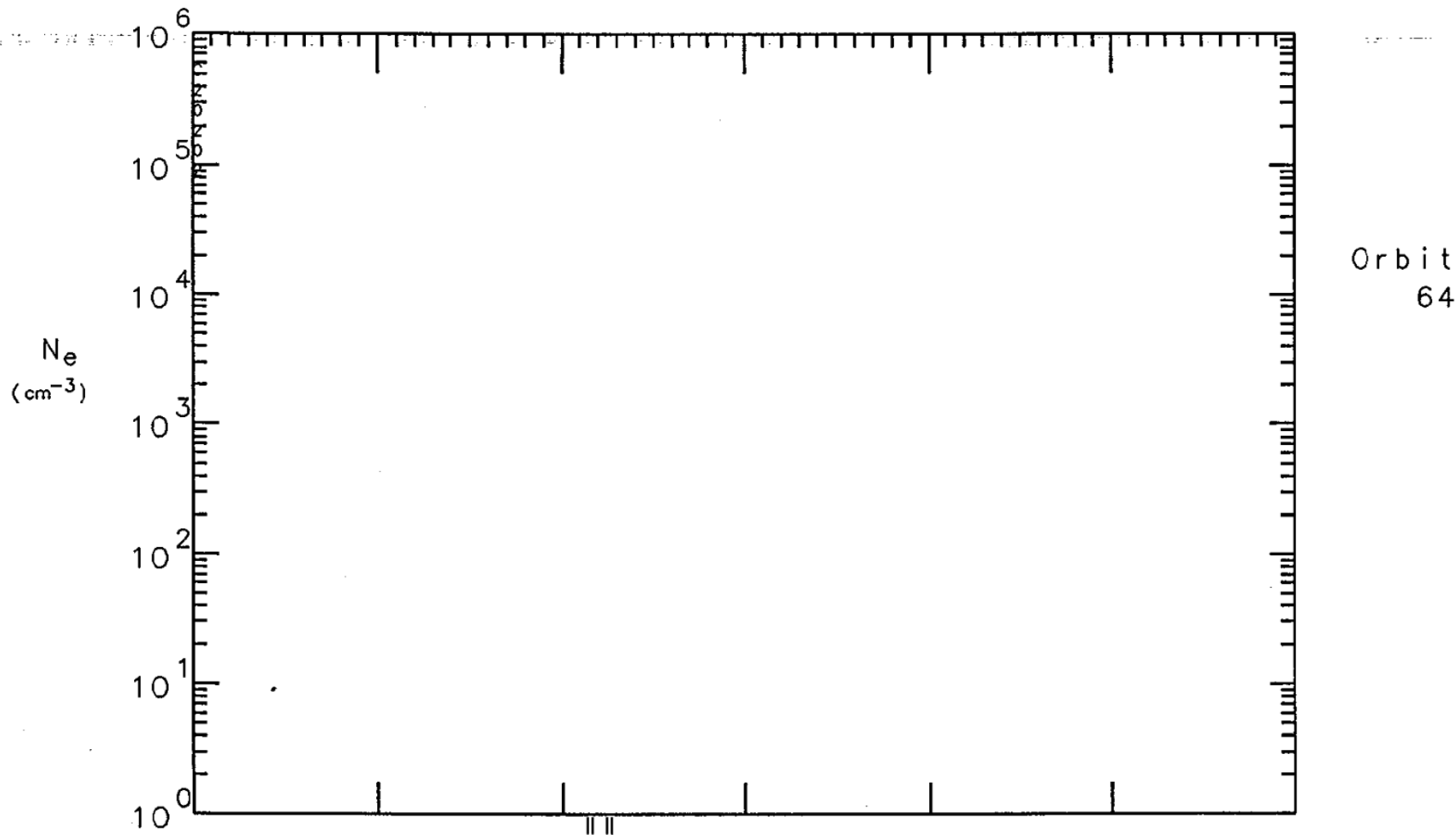
ALT	6358	3680	1280	166	1305	3713	6391	km
LAT	62	72	60	16	-29	-56	-69	deg
LONG	37	0	-76	-103	-118	-135	-161	deg
SZA	65	82	111	157	148	120	103	deg
LST	13.3	15.6	20.9	22.8	23.8	0.9	2.4	hr

Universal Time, Day 79037

Ne hi-res Radial

Plotted:
12-JUL-93
17:25:46

70740	71340	71940	72540	73140	73740	74340	secs
19:39	19:49	19:59	20: 9	20:19	20:29	20:39	hh:mm



ALT	6317	3641	1253	172	1339	3754	6432	km
LAT	62	72	60	15	-30	-56	-69	deg
LONG	38	0	-75	-102	-117	-134	-160	deg
SZA	66	83	112	159	148	120	103	deg
LST	13.4	15.8	21.1	22.9	23.9	1.0	2.6	hr

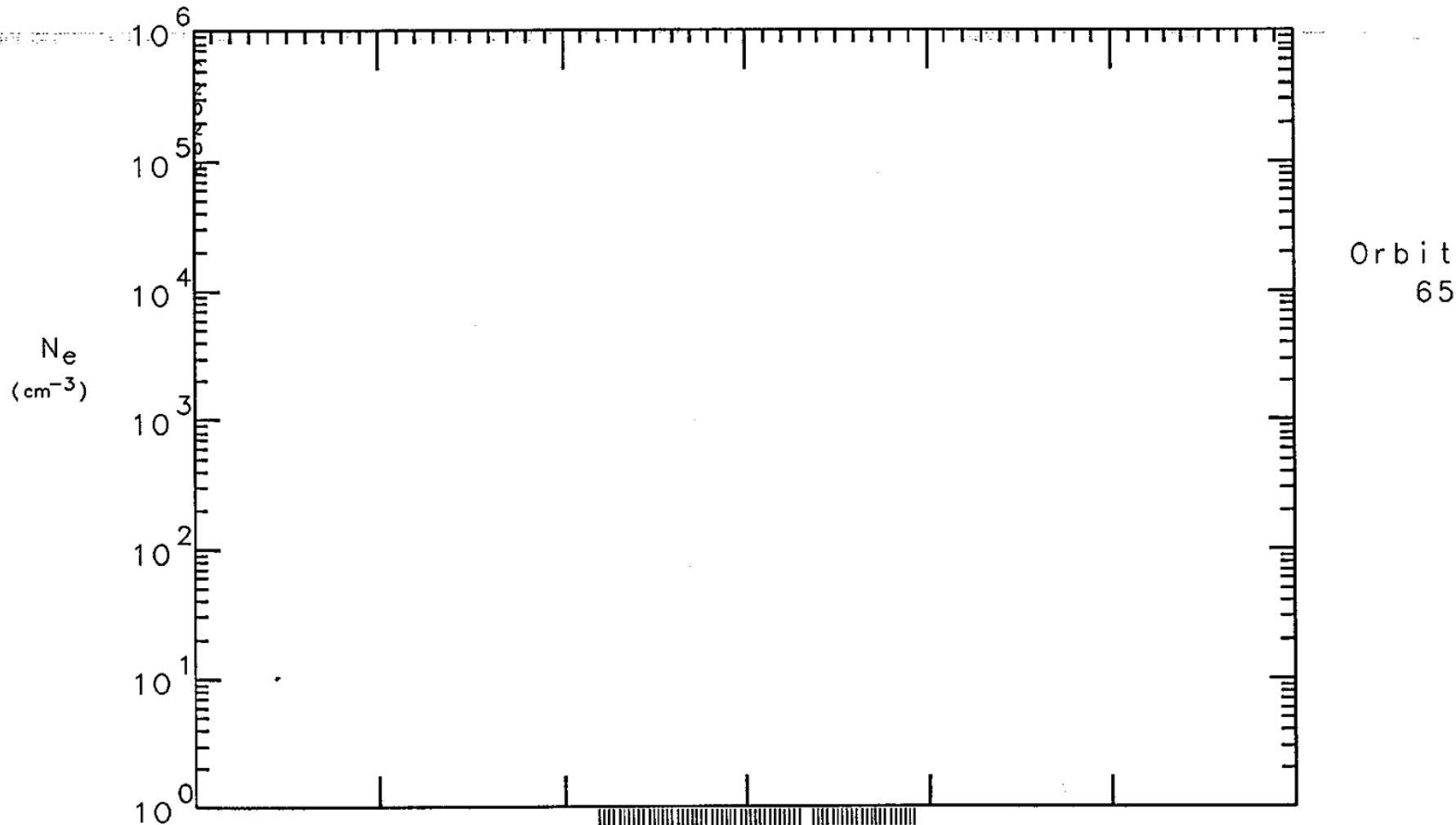
Universal Time, Day 79038

Ne hi-res Radial

Plotted:
12-JUL-93
17:30:44

70740	71340	71940	72540	73140	73740	74340
19:39	19:49	19:59	20: 9	20:19	20:29	20:39

secs
hh:mm



Orbit
65

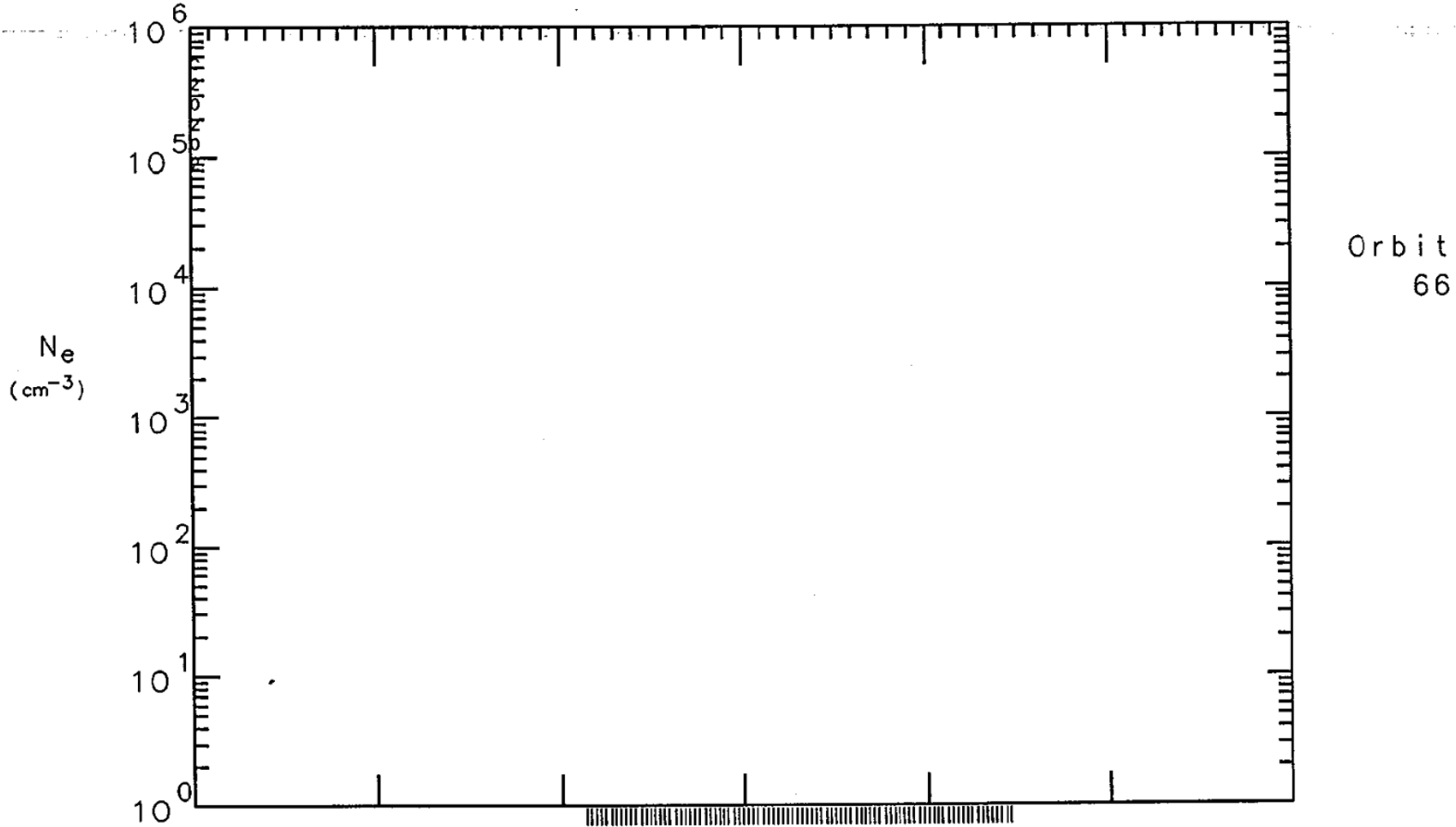
ALT	6482	3794	1356	143	1198	3588	6272	km
LAT	61	72	62	18	-28	-55	-69	deg
LONG	41	6	-70	-99	-114	-131	-157	deg
SZA	65	82	110	157	150	120	103	deg
LST	13.5	15.6	21.0	23.0	24.0	1.0	2.6	hr

Universal Time, Day 79039

Ne hi-res Radial

Plotted:
12-JUL-93
17:36:27

70740	71340	71940	72540	73140	73740	74340	secs
19:39	19:49	19:59	20: 9	20:19	20:29	20:39	hh:mm



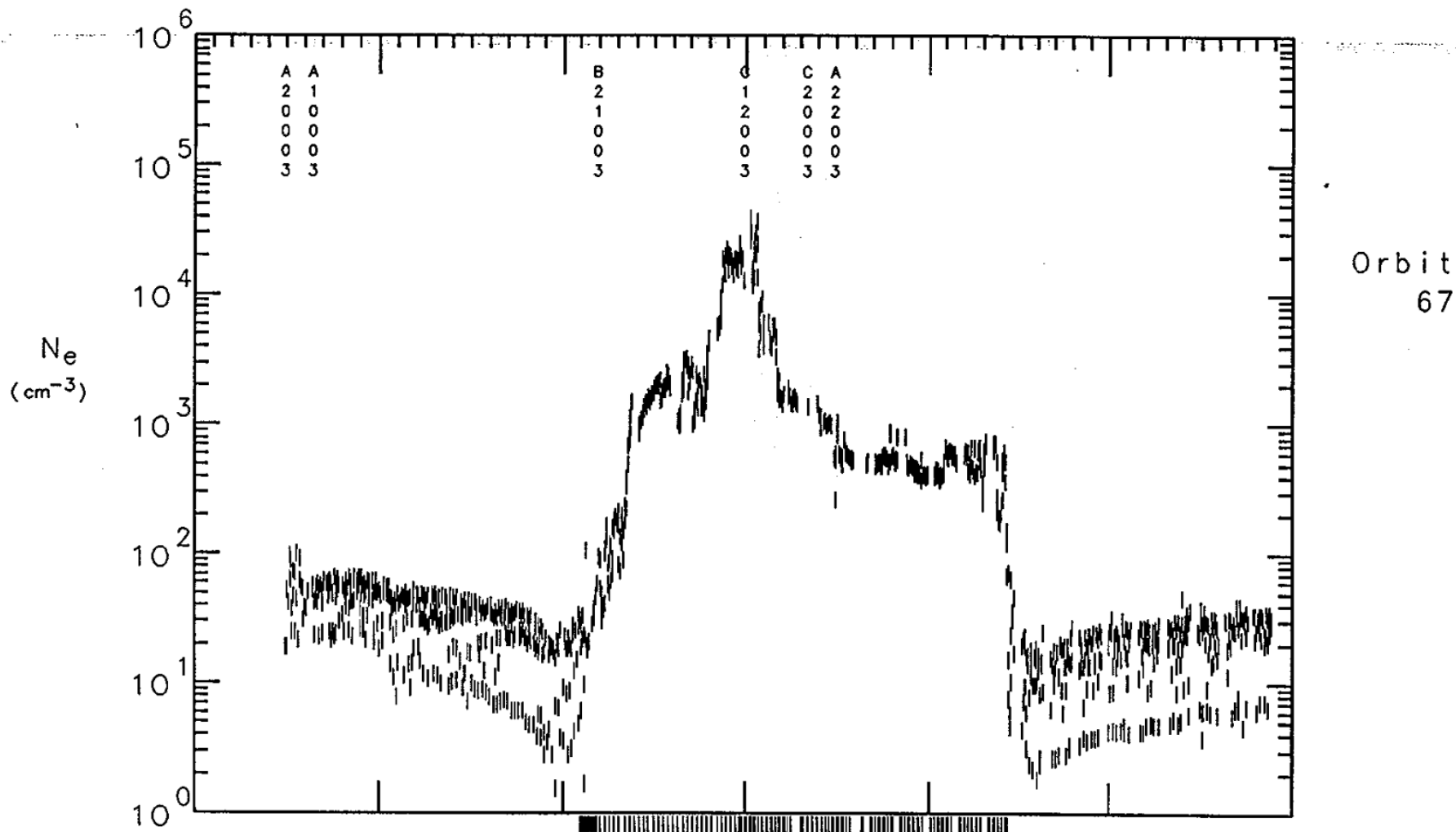
ALT	6402	3718	1299	147	1260	3666	6350	km
LAT	61	72	61	17	-29	-56	-69	deg
LONG	42	5	-71	-98	-113	-130	-157	deg
SZA	66	83	112	159	149	119	102	deg
LST	13.6	15.8	21.2	23.1	0.1	1.2	2.8	hr

Universal Time, Day 79040

Ne hi-res Radial

Plotted:
12-JUL-93
17:43:00

70740	71340	71940	72540	73140	73740	74340	secs
19:39	19:49	19:59	20: 9	20:19	20:29	20:39	hh:mm



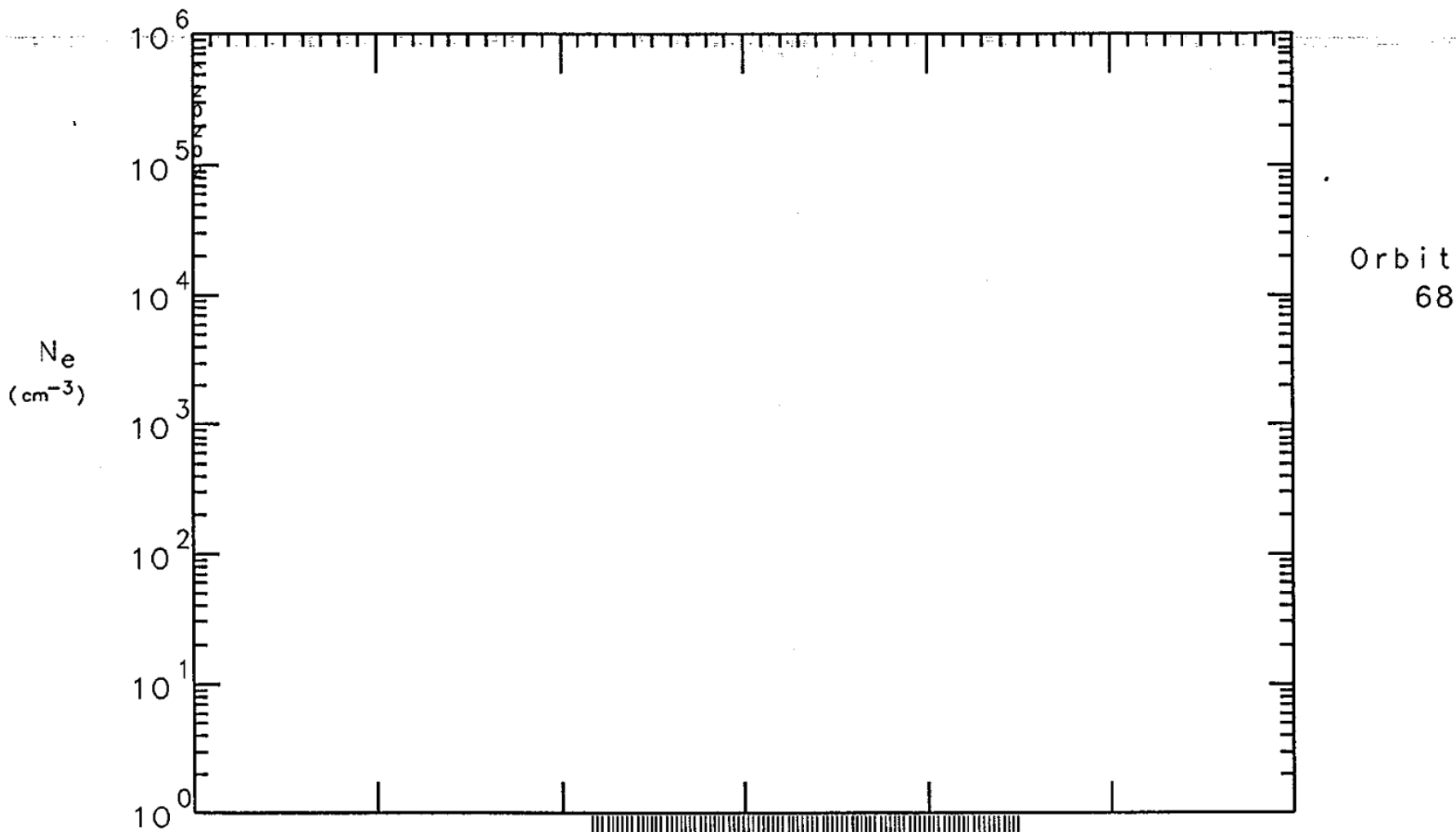
ALT	6317	3636	1239	152	1327	3750	6434	km
LAT	62	72	60	15	-30	-57	-69	deg
LONG	42	4	-71	-97	-112	-130	-156	deg
SZA	67	84	114	162	147	119	102	deg
LST	13.8	16.1	21.4	23.3	0.2	1.3	3.0	hr

Ne hi-res Radial

Plotted:
12-JUL-93
17:55:25

Universal Time, Day 79041

70680	71280	71880	72480	73080	73680	74280	secs
19:38	19:48	19:58	20: 8	20:18	20:28	20:38	hh:mm



Orbit
68

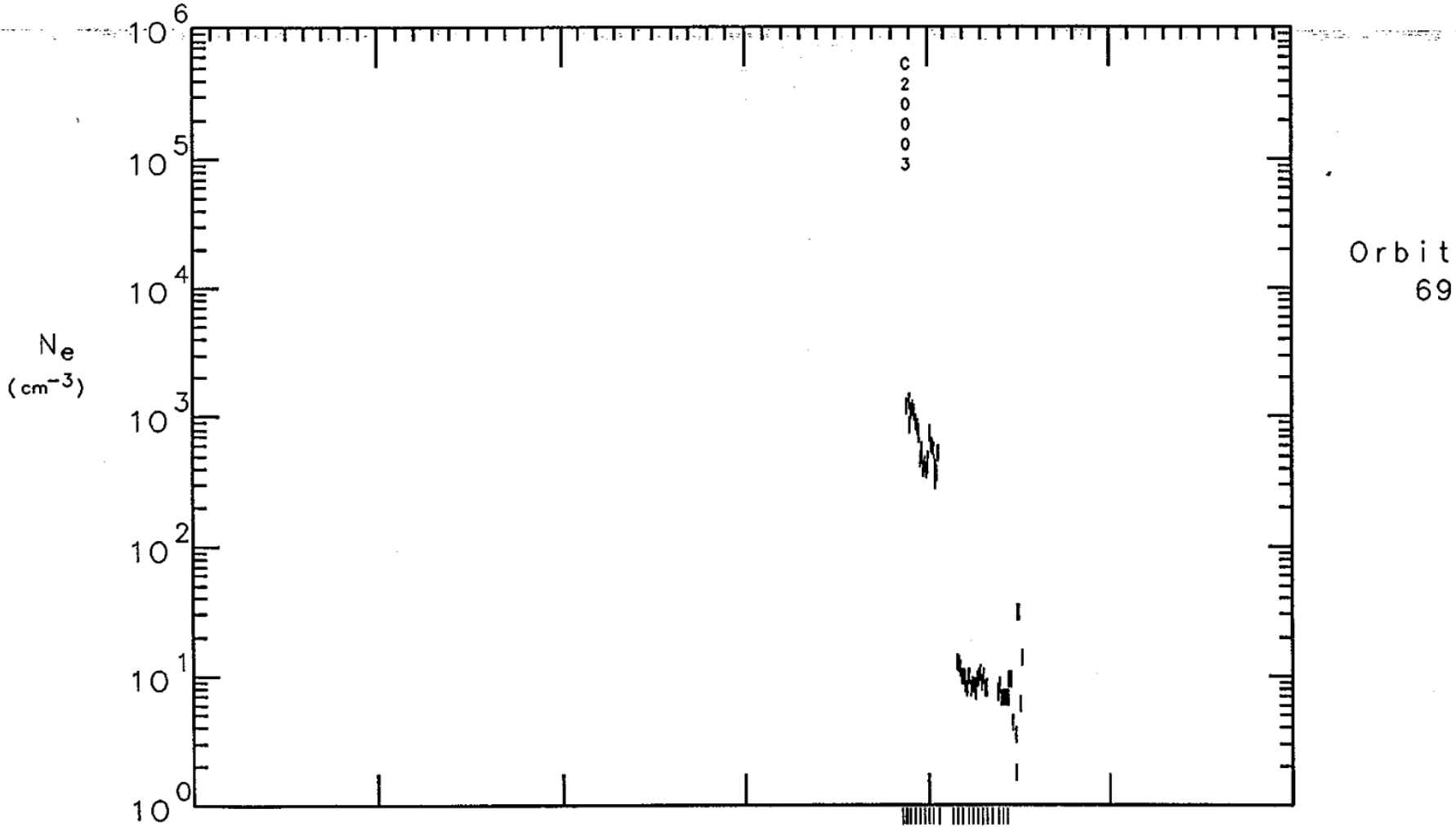
ALT	6493	3810	1375	159	1198	3578	6257	km
LAT	61	72	62	19	-27	-55	-69	deg
LONG	45	10	-66	-95	-110	-127	-153	deg
SZA	66	83	112	159	150	120	102	deg
LST	13.8	15.9	21.3	23.3	0.3	1.3	2.9	hr

Ne hi-res Radial

Plotted:
12-JUL-93
18:00:32

Universal Time, Day 79042

70680	71280	71880	72480	73080	73680	74280	secs
19:38	19:48	19:58	20: 8	20:18	20:28	20:38	hh:mm



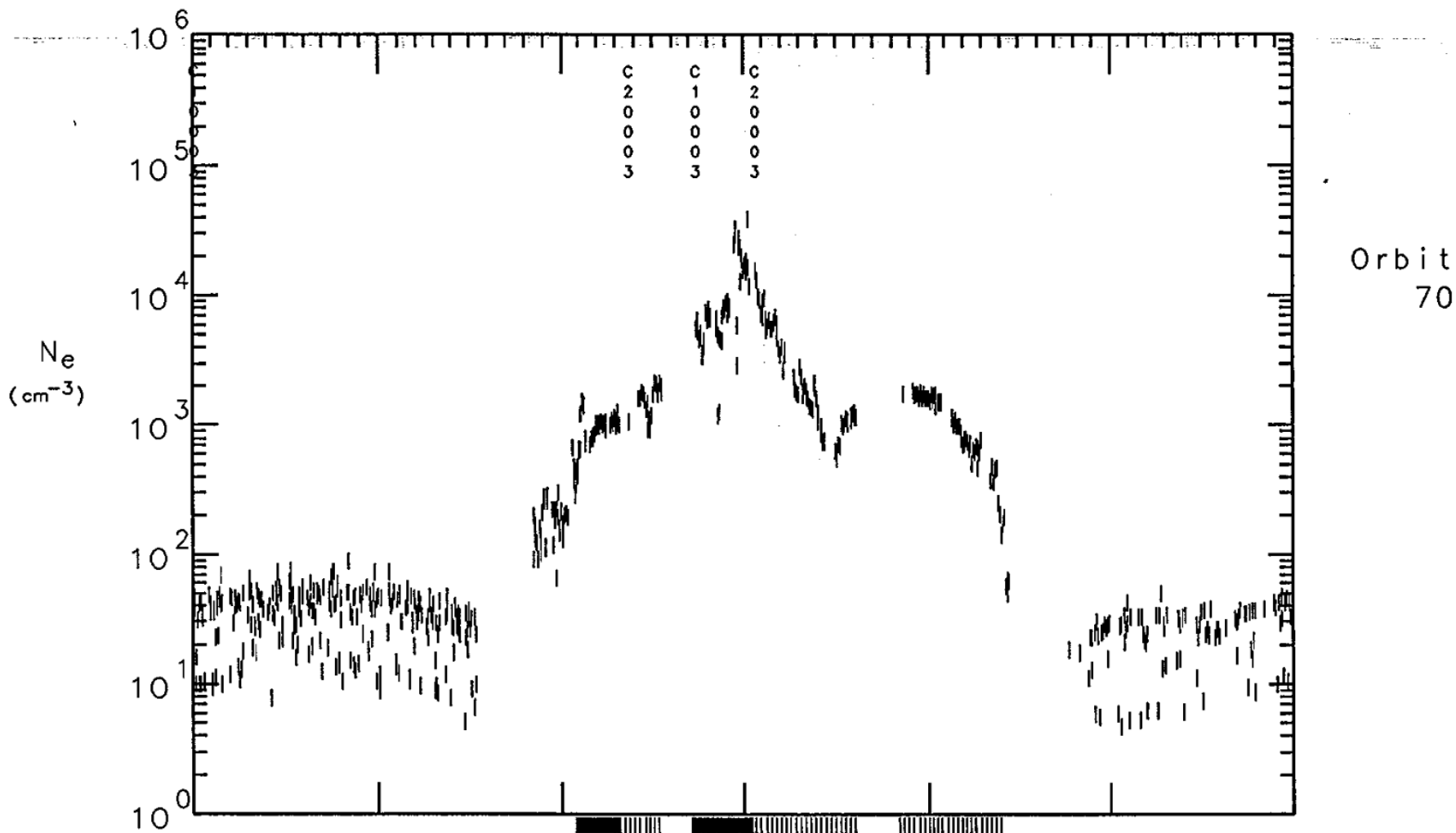
ALT	6426	3736	1314	161	1276	3687	6376	km
LAT	61	72	61	17	-29	-56	-69	deg
LONG	46	9	-66	-94	-109	-126	-152	deg
SZA	67	84	114	162	148	118	101	deg
LST	13.9	16.2	21.5	23.5	0.4	1.5	3.1	hr

Ne hi-res Radial

Plotted:
12-JUL-93
18:04:45

Universal Time, Day 79043

70680	71280	71880	72480	73080	73680	74280	secs
19:38	19:48	19:58	20: 8	20:18	20:28	20:38	hh:mm



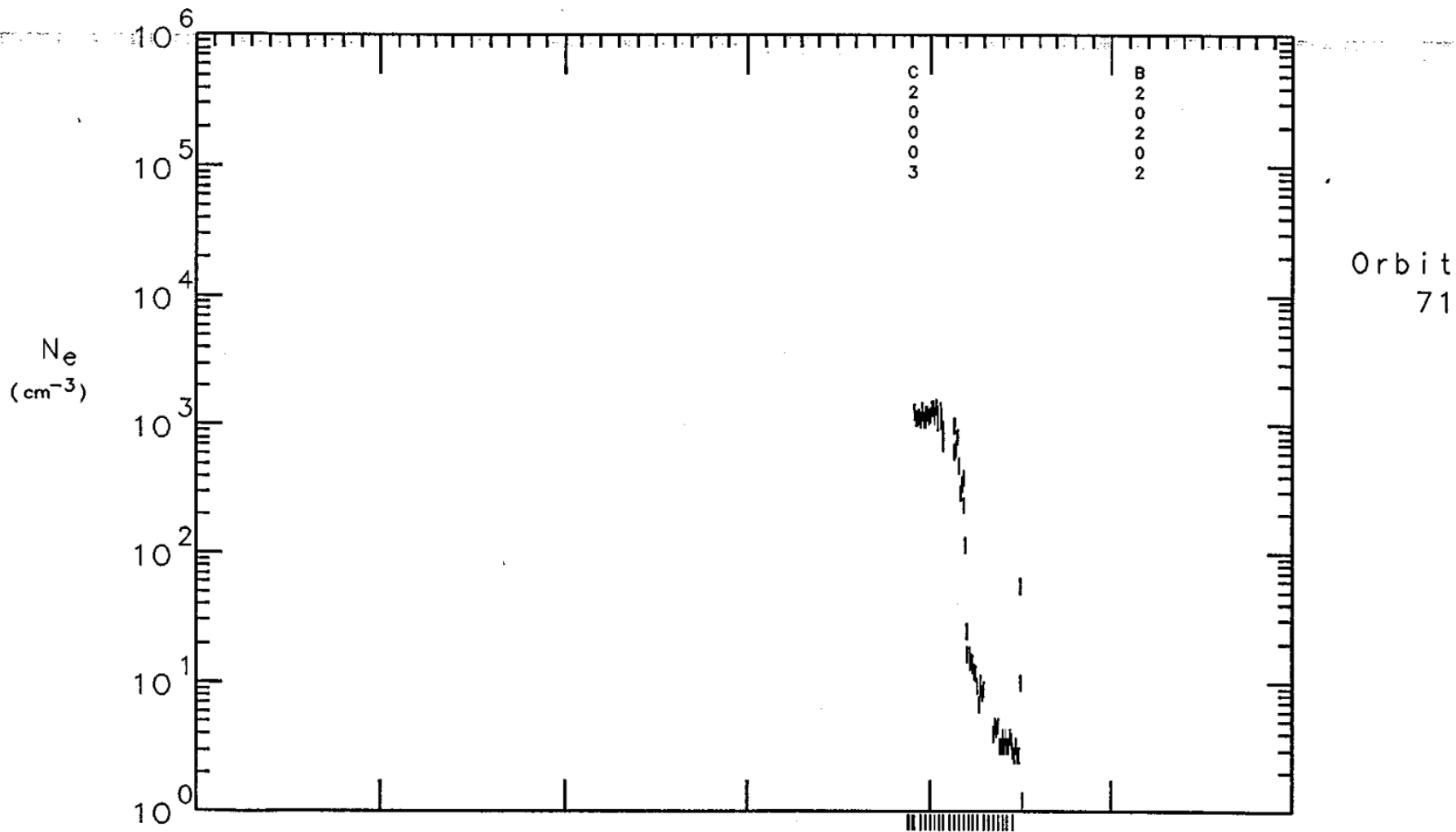
ALT	6306	3629	1241	166	1344	3763	6443	km
LAT	62	72	60	15	-30	-57	-69	deg
LONG	46	8	-67	-93	-108	-125	-152	deg
SZA	68	85	116	164	147	118	100	deg
LST	14.1	16.5	21.8	23.6	0.6	1.6	3.3	hr

Ne hi-res Radial

Plotted:
12-JUL-93
18:14:48

Universal Time, Day 79044

70620	71220	71820	72420	73020	73620	74220	secs
19:37	19:47	19:57	20: 7	20:17	20:27	20:37	hh:mm



ALT	6480	3801	1375	172	1216	3593	6268	km
LAT	61	72	62	18	-27	-55	-69	deg
LONG	49	14	-62	-91	-105	-122	-148	deg
SZA	68	85	113	161	149	119	101	deg
LST	14.1	16.3	21.6	23.6	0.6	1.7	3.2	hr

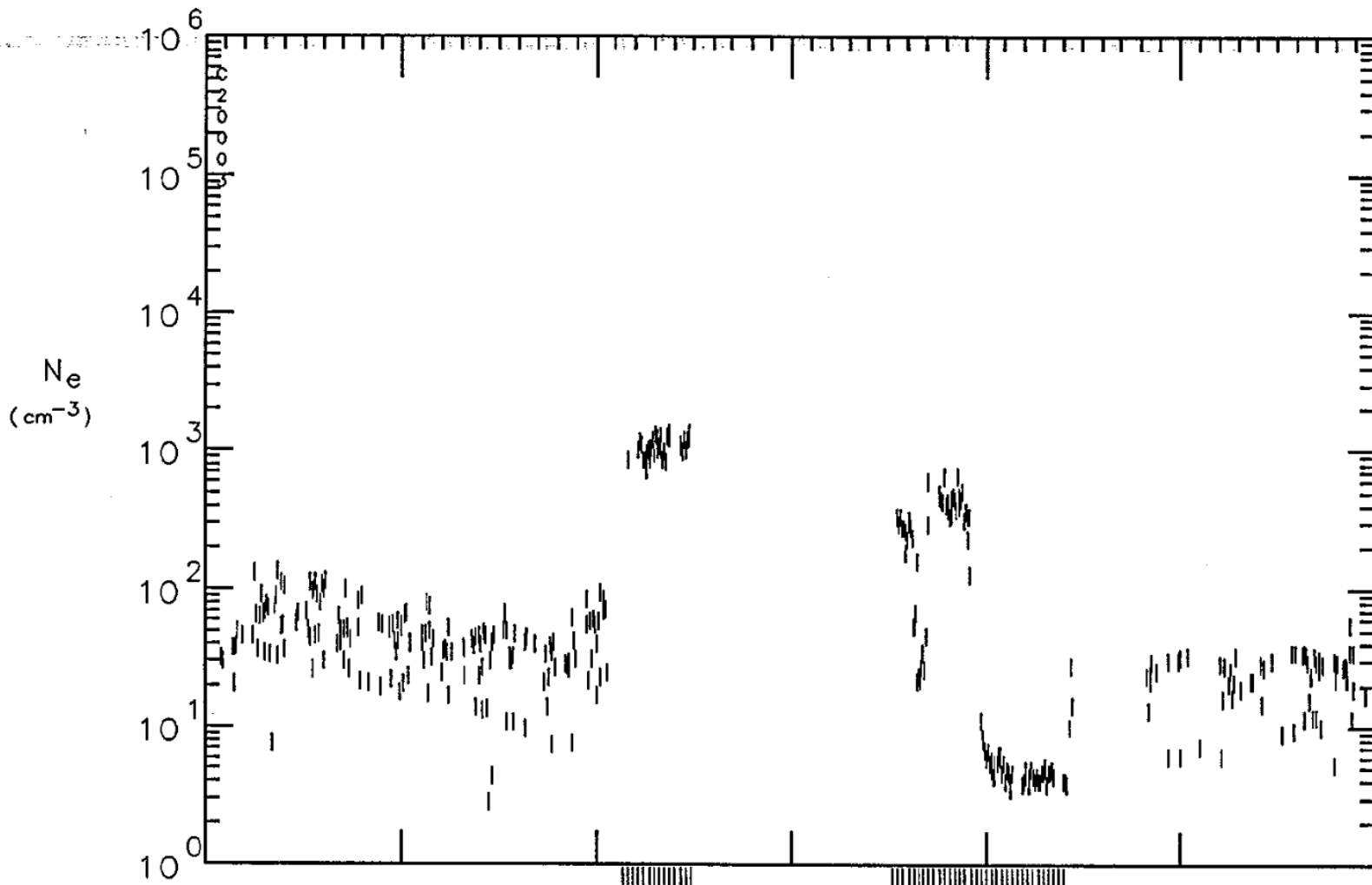
Ne hi-res Radial

Plotted:
12-JUL-93
18:18:51

Universal Time, Day 79045

70620	71220	71820	72420	73020	73620	74220
19:37	19:47	19:57	20: 7	20:17	20:27	20:37

secs
hh:mm



Orbit
72

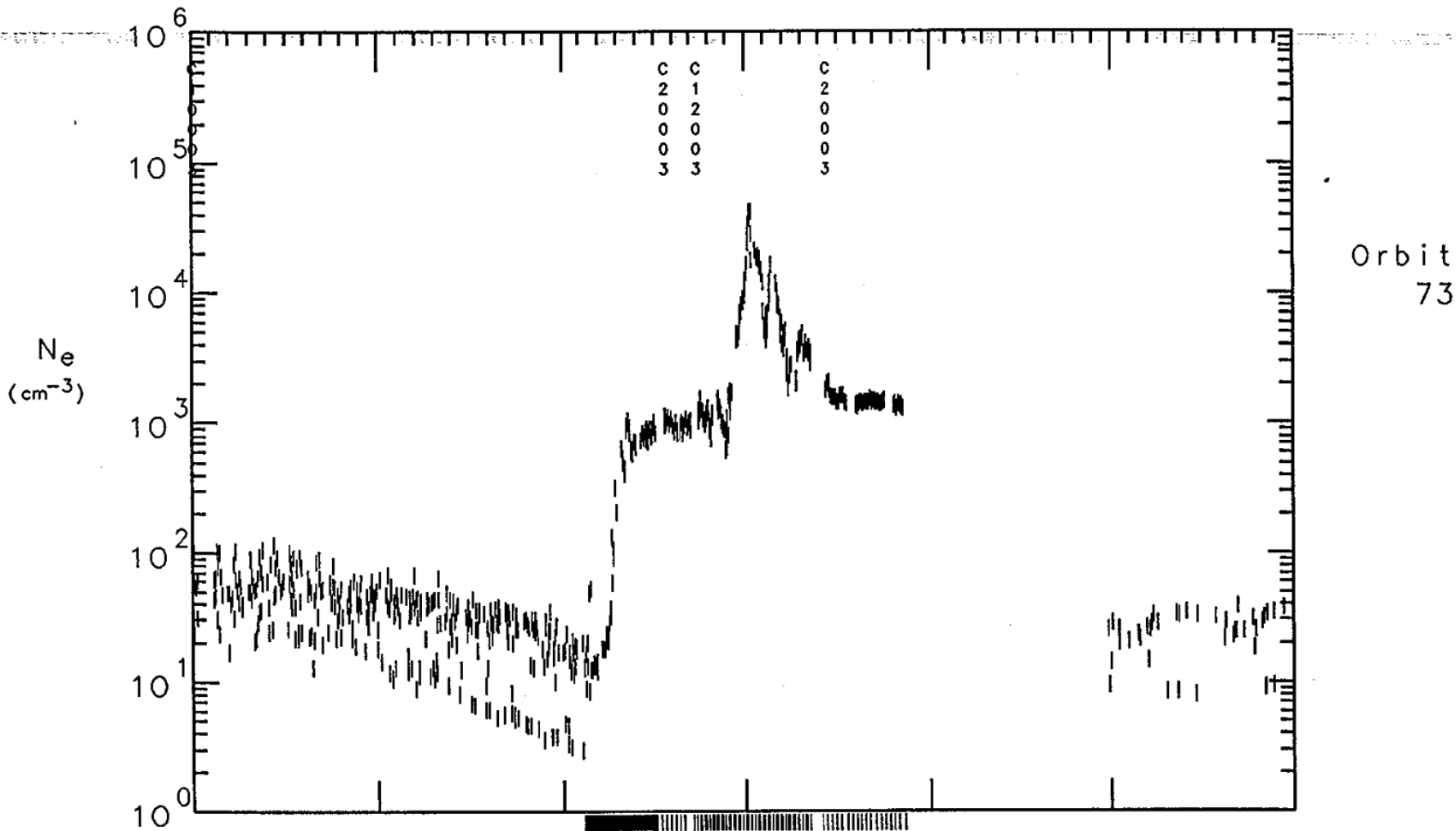
ALT	6325	3640	1237	142	1315	3741	6427	km
LAT	62	72	60	15	-30	-57	-69	deg
LONG	50	12	-63	-90	-105	-122	-149	deg
SZA	68	86	116	165	146	117	99	deg
LST	14.3	16.6	21.9	23.8	0.8	1.9	3.5	hr

Ne hi-res Radial

Plotted:
12-JUL-93
18:26:02

Universal Time, Day 79046

70500	71100	71700	72300	72900	73500	74100	secs
19:35	19:45	19:55	20: 5	20:15	20:25	20:35	hh:mm



C	C	C
2	1	2
0	2	0
0	0	0
0	0	0
3	3	3

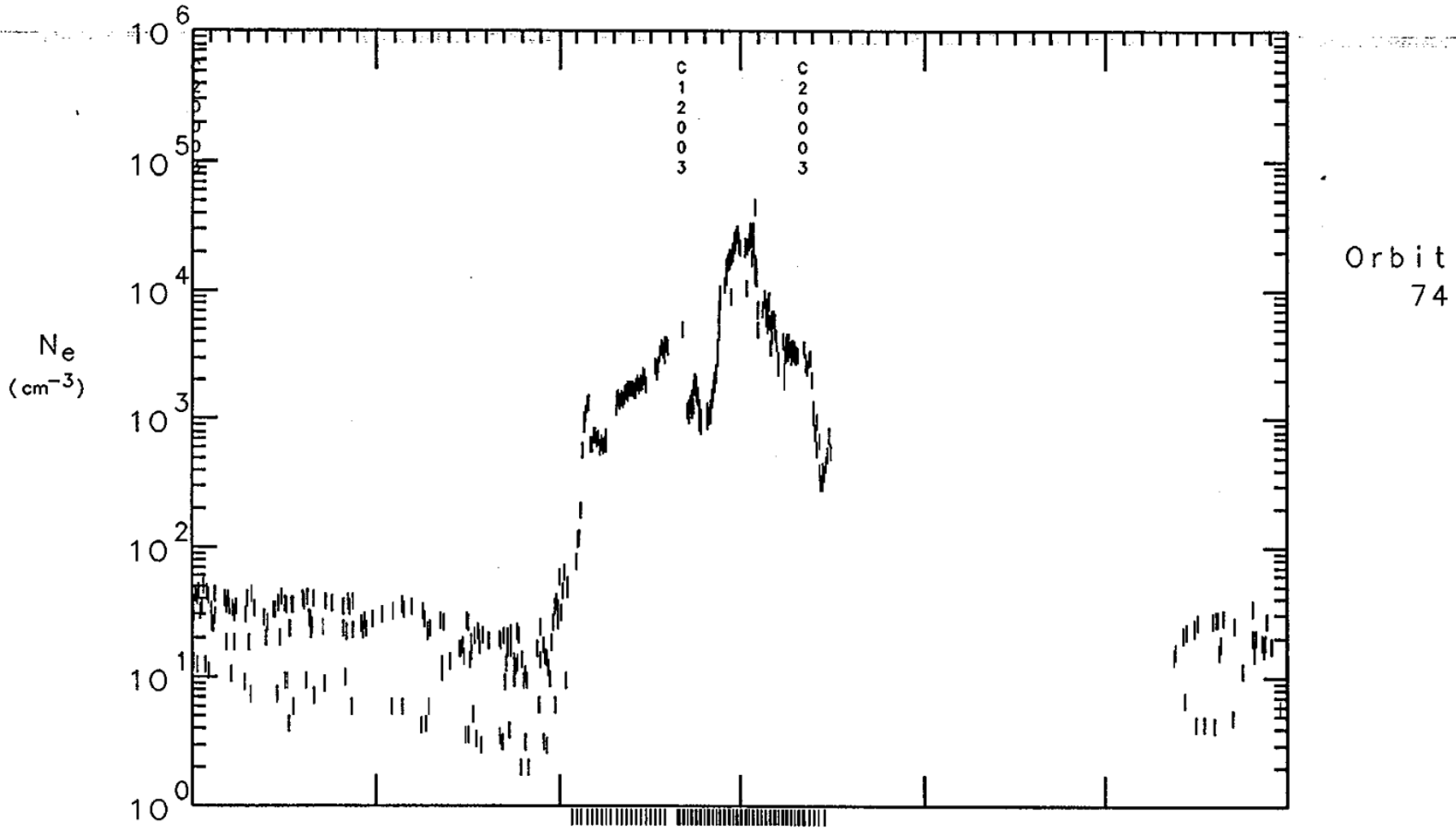
ALT	6481	3795	1359	148	1201	3589	6271	km
LAT	61	72	62	18	-28	-56	-69	deg
LONG	52	17	-59	-88	-103	-120	-146	deg
SZA	68	85	114	162	148	117	100	deg
LST	14.3	16.5	21.8	23.8	0.8	1.9	3.5	hr

Ne hi-res Radial

Plotted:
12-JUL-93
18:35:25

Universal Time, Day 79047

70440	71040	71640	72240	72840	73440	74040	secs
19:34	19:44	19:54	20: 4	20:14	20:24	20:34	hh:mm



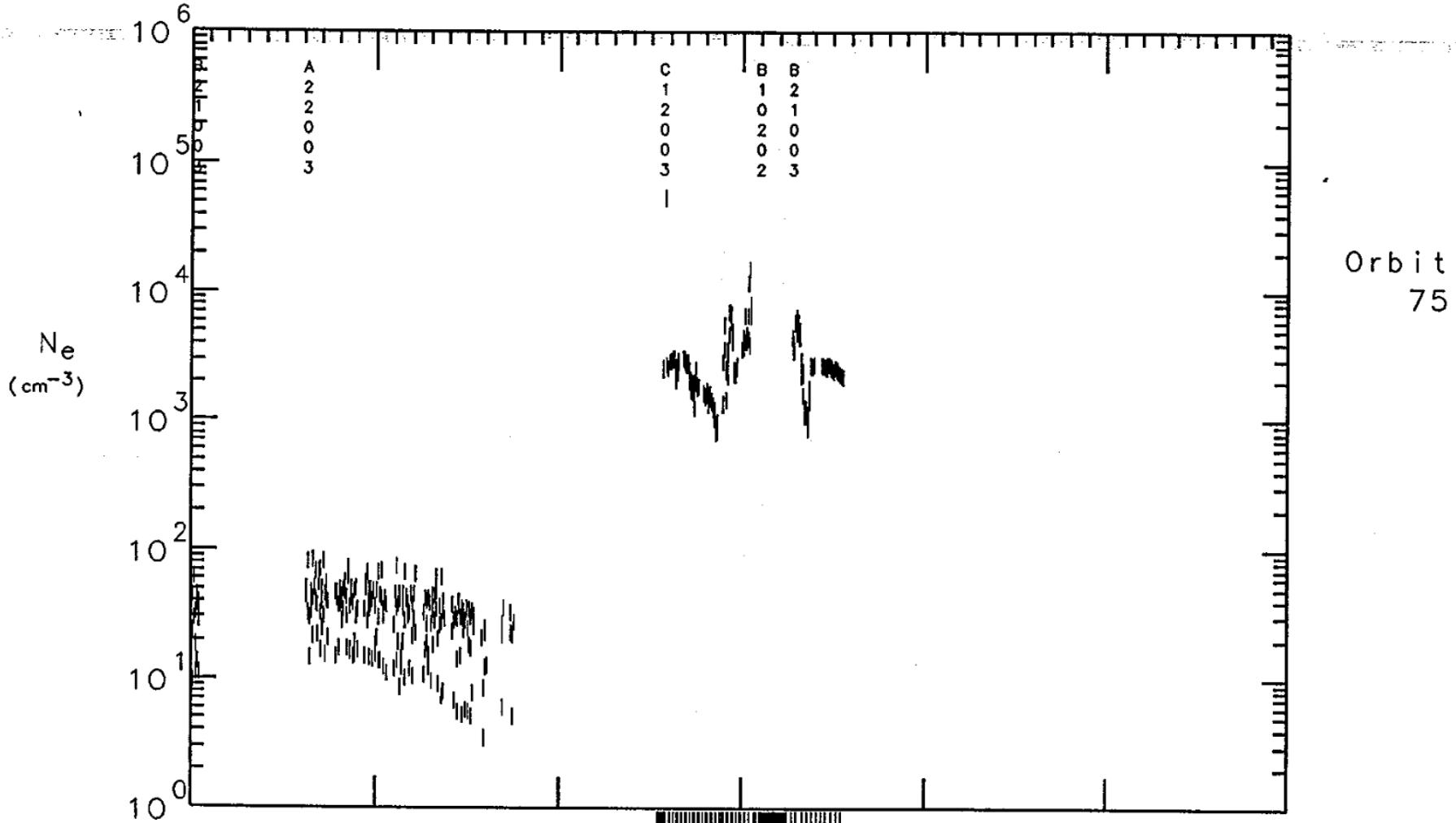
ALT	6357	3675	1268	150	1295	3710	6393	km
LAT	62	72	60	16	-29	-56	-69	deg
LONG	53	15	-60	-87	-102	-119	-146	deg
SZA	69	87	116	164	145	116	99	deg
LST	14.5	16.8	22.1	0.0	1.0	2.1	3.7	hr

Universal Time, Day 79048

Ne hi-res Radial

Plotted:
12-JUL-93
18:42:53

70320	70920	71520	72120	72720	73320	73920	secs
19:32	19:42	19:52	20: 2	20:12	20:22	20:32	hh:mm



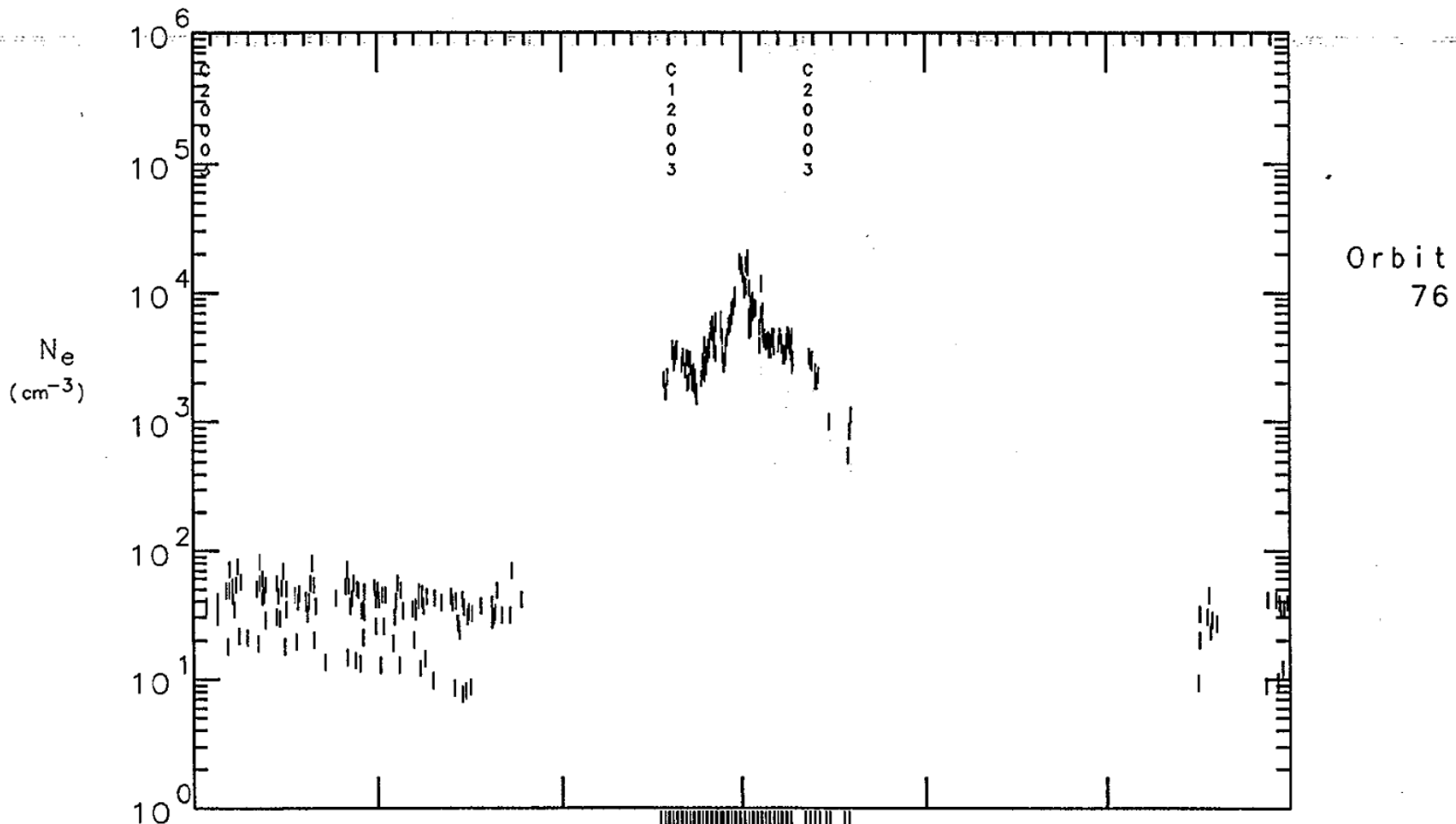
ALT	6496	3813	1376	157	1194	3574	6254	km
LAT	61	72	62	18	-27	-55	-69	deg
LONG	55	20	-56	-85	-100	-117	-142	deg
SZA	69	86	115	161	147	117	99	deg
LST	14.6	16.7	22.0	0.1	1.0	2.1	3.7	hr

Ne hi-res Radial

Plotted:
12-JUL-93
18:49:53

Universal Time, Day 79049

70260	70860	71460	72060	72660	73260	73860	secs
19:31	19:41	19:51	20: 1	20:11	20:21	20:31	hh:mm



ALT	6355	3678	1277	158	1292	3698	6375	km
LAT	62	72	60	16	-29	-56	-69	deg
LONG	56	18	-57	-84	-99	-116	-142	deg
SZA	70	88	117	164	144	115	98	deg
LST	14.7	17.1	22.3	0.2	1.2	2.3	3.9	hr

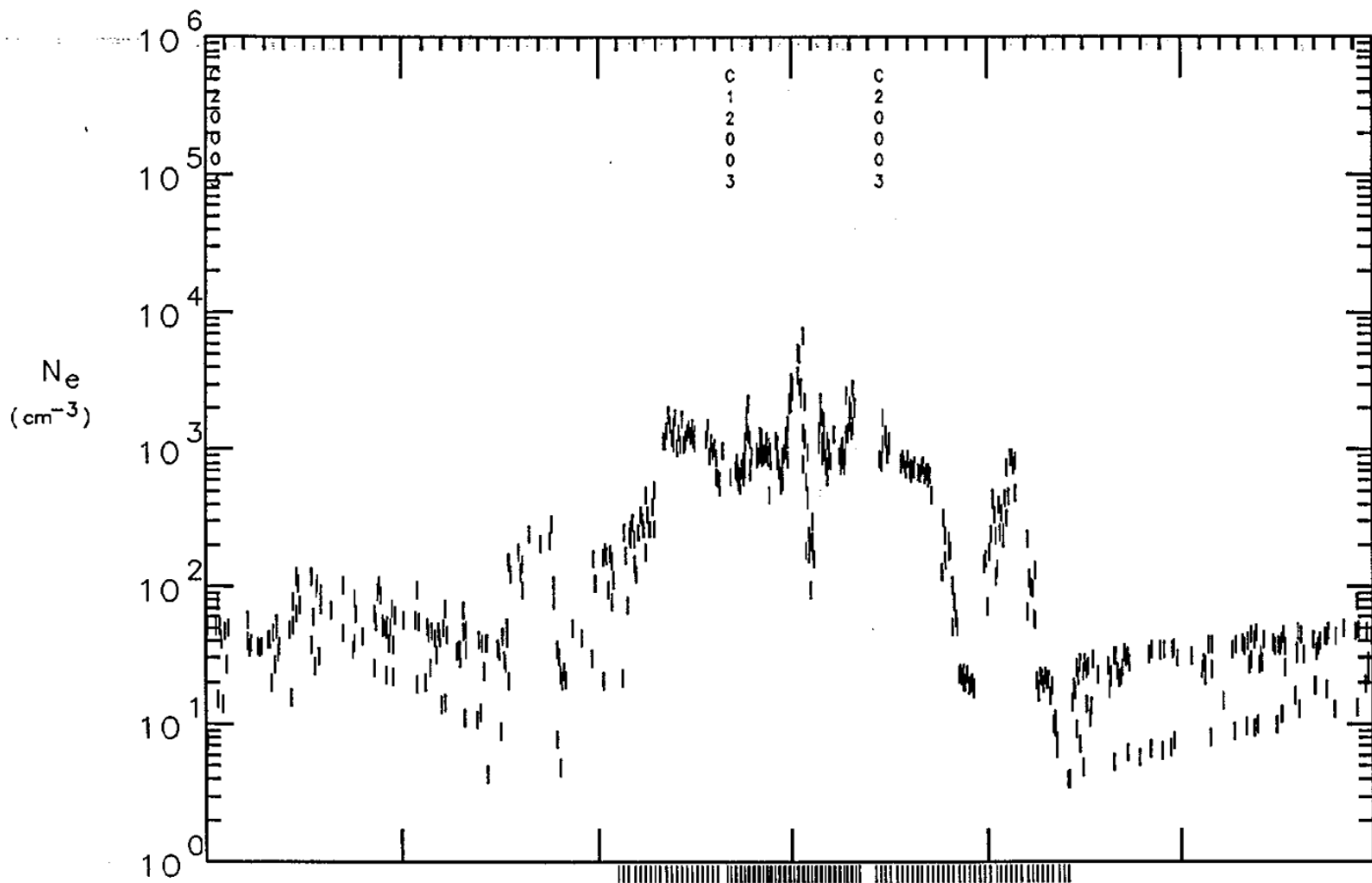
Ne hi-res Radial

Plotted:
12-JUL-93
18:56:12

Universal Time, Day 79050

70140	70740	71340	71940	72540	73140	73740
19:29	19:39	19:49	19:59	20: 9	20:19	20:29

secs
hh:mm



Orbit
77

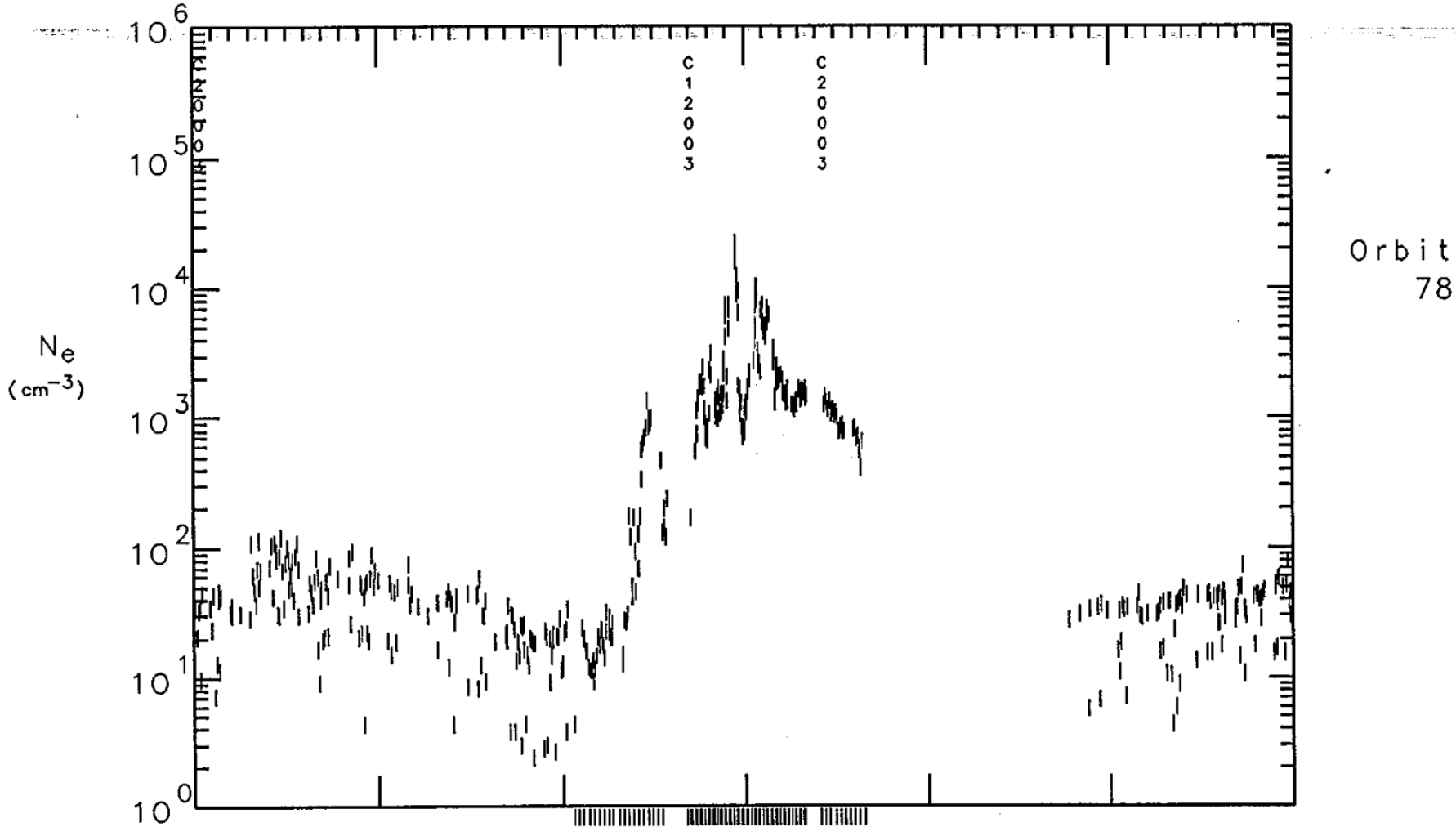
ALT	6497	3816	1383	164	1198	3574	6251	km
LAT	61	72	62	18	-27	-55	-69	deg
LONG	58	23	-53	-82	-97	-113	-139	deg
SZA	70	87	115	161	145	116	98	deg
LST	14.8	16.9	22.3	0.3	1.3	2.3	3.9	hr

Ne hi-res Radial

Plotted:
12-JUL-93
19:03:45

Universal Time, Day 79051

70080	70680	71280	71880	72480	73080	73680	secs
19:28	19:38	19:48	19:58	20: 8	20:18	20:28	hh:mm



Orbit
78

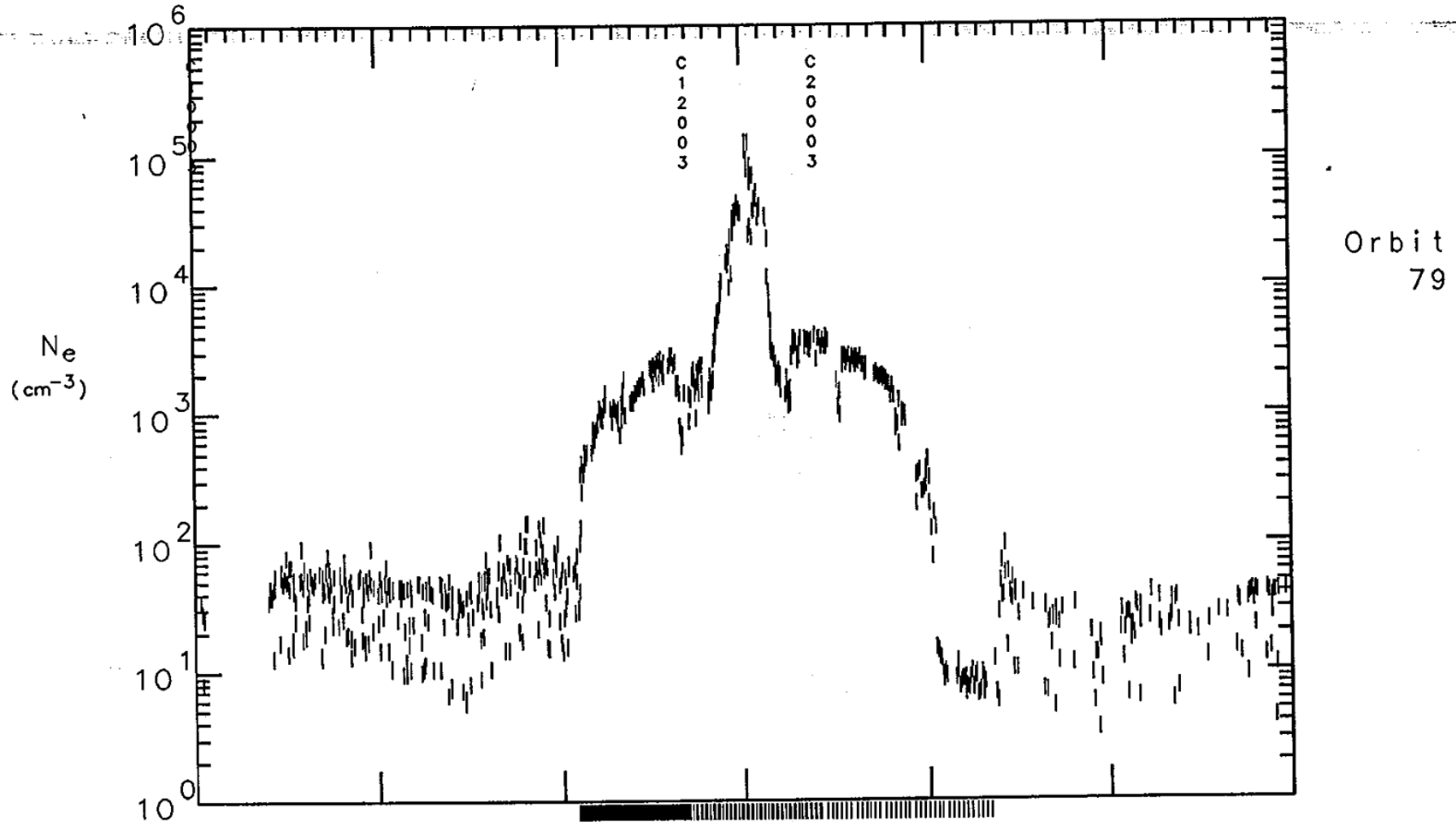
ALT	6361	3683	1282	165	1301	3708	6387	km
LAT	62	72	60	16	-29	-56	-69	deg
LONG	59	21	-54	-81	-96	-113	-139	deg
SZA	71	88	118	163	143	114	97	deg
LST	14.9	17.3	22.6	0.4	1.4	2.5	4.1	hr

Ne hi-res Radial

Plotted:
12-JUL-93
19:11:03

Universal Time, Day 79052

69960	70560	71160	71760	72360	72960	73560	secs
19:26	19:36	19:46	19:56	20: 6	20:16	20:26	hh:mm



ALT	6442	3757	1328	145	1227	3625	6309	km
LAT	61	72	61	17	-29	-56	-69	deg
LONG	61	24	-51	-79	-94	-111	-138	deg
SZA	71	88	117	161	143	114	97	deg
LST	15.0	17.2	22.6	0.5	1.5	2.6	4.2	hr

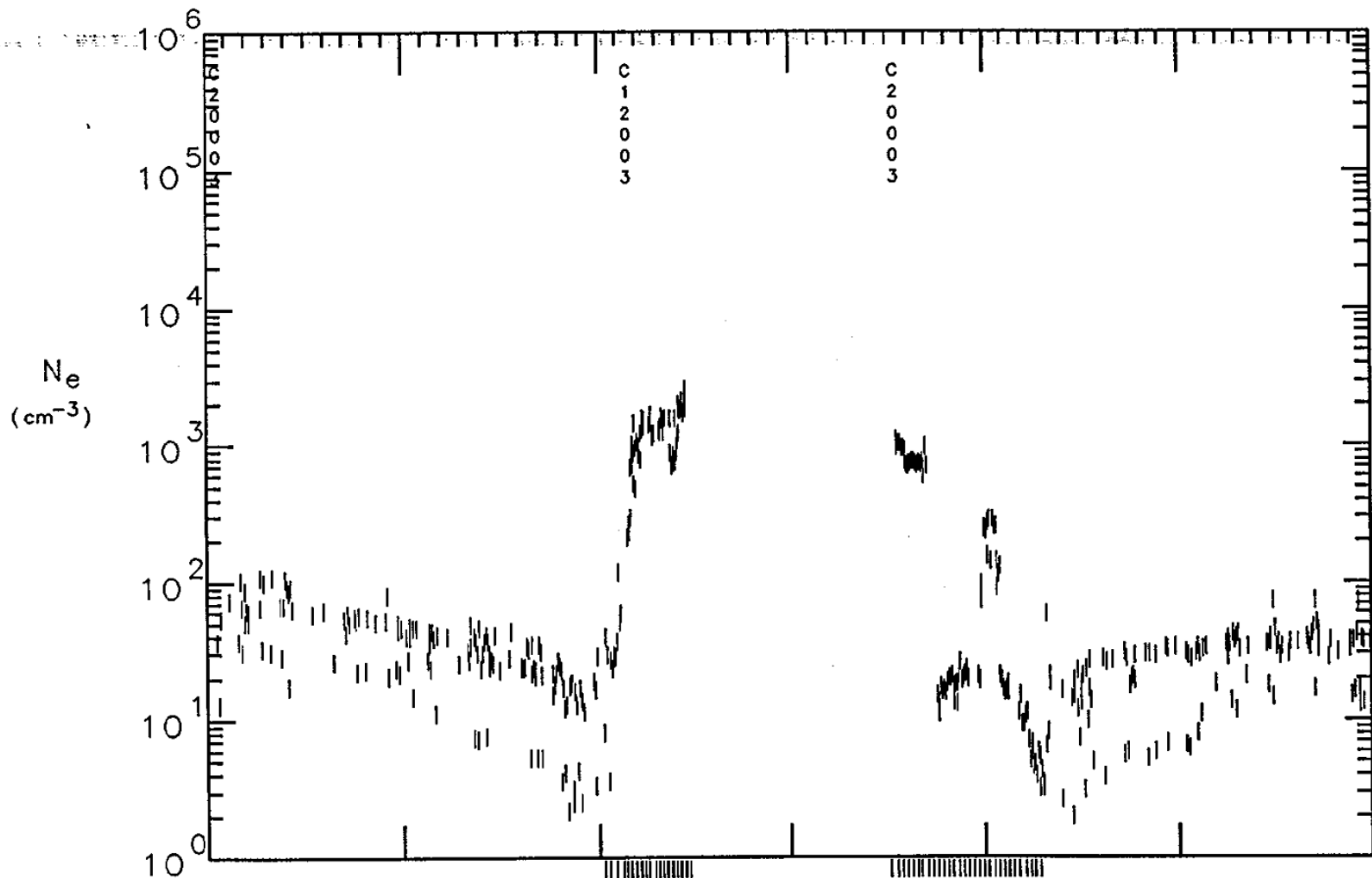
Ne hi-res Radial

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

Universal Time, Day 79053

69840	70440	71040	71640	72240	72840	73440
19:24	19:34	19:44	19:54	20: 4	20:14	20:24

secs
hh:mm



Orbit
80

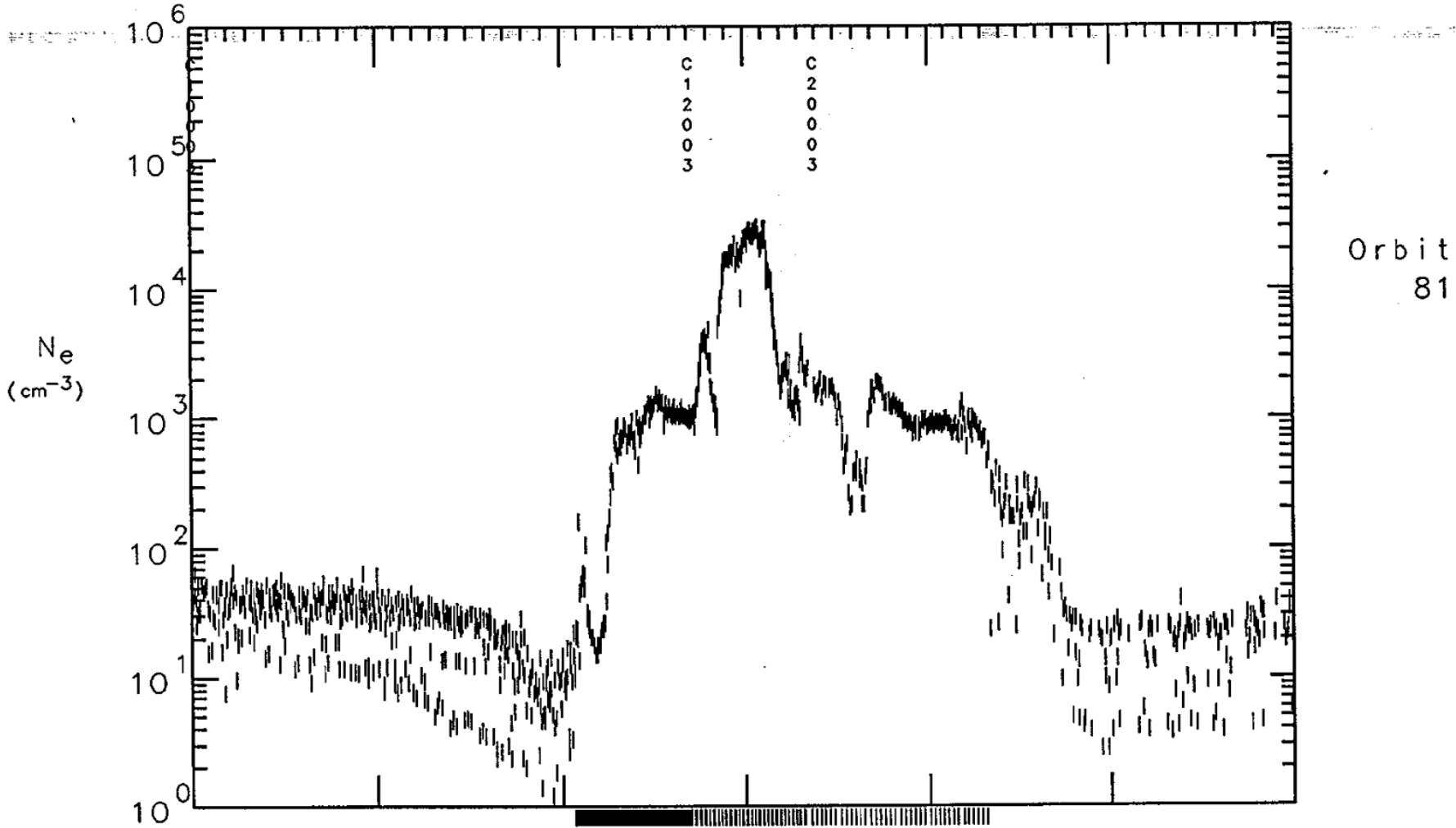
ALT	6308	3625	1227	146	1329	3758	6443	km
LAT	62	72	60	15	-30	-57	-69	deg
LONG	61	23	-52	-78	-93	-111	-138	deg
SZA	72	89	119	162	140	112	96	deg
LST	15.2	17.5	22.8	0.7	1.6	2.7	4.4	hr

Ne hi-res Radial

Plotted:
12-JUL-93
19:26:25

Universal Time, Day 79054

69660	70260	70860	71460	72060	72660	73260	secs
19:21	19:31	19:41	19:51	20: 1	20:11	20:21	hh:mm



Orbit
81

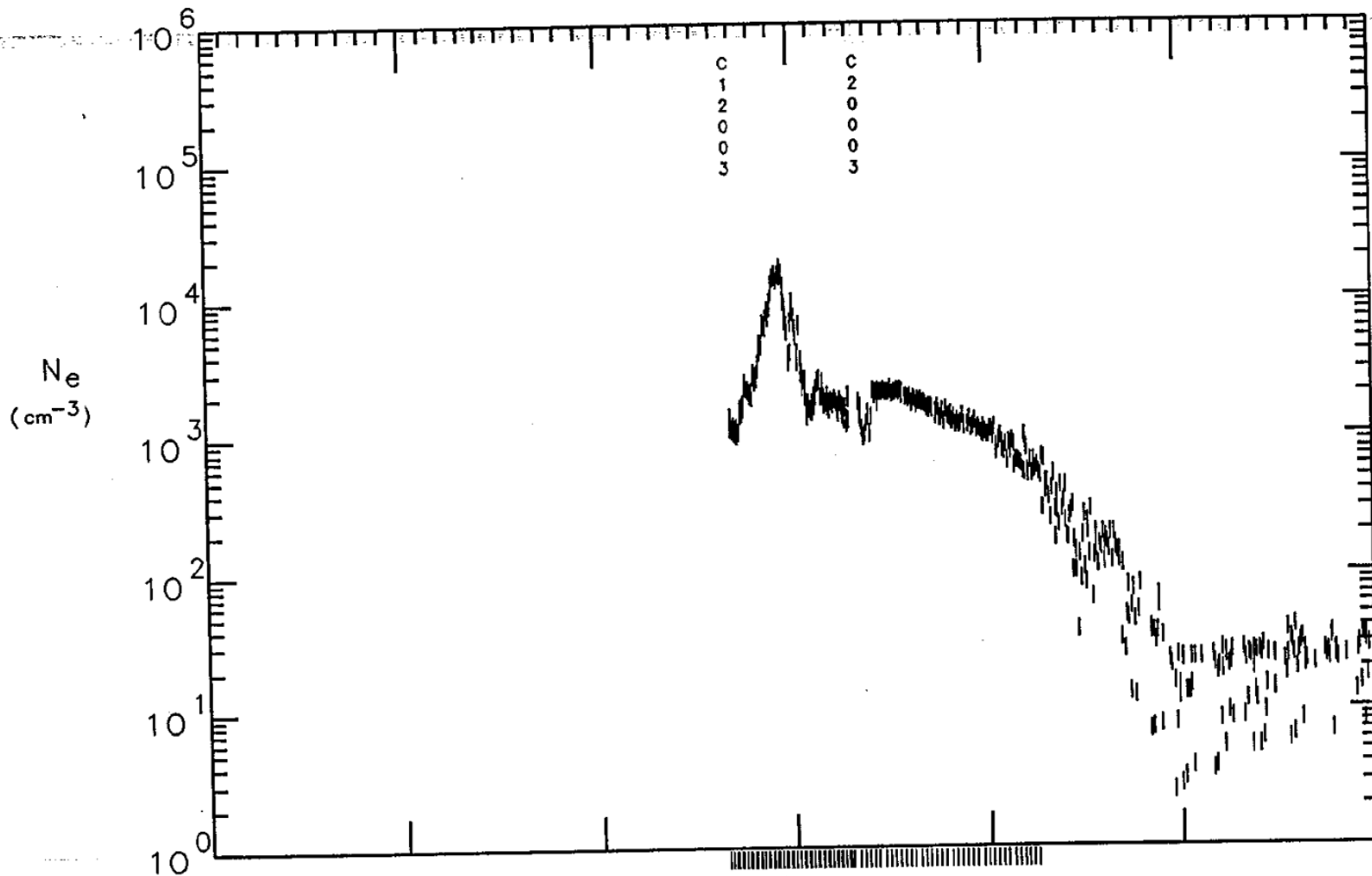
ALT	6433	3749	1324	149	1236	3634	6317	km
LAT	61	72	61	17	-29	-56	-69	deg
LONG	64	27	-48	-76	-91	-108	-135	deg
SZA	72	89	117	159	141	113	96	deg
LST	15.2	17.5	22.8	0.7	1.7	2.8	4.4	hr

Ne hi-res Radial

Plotted:
12-JUL-93
19:36:56

Universal Time, Day 79055

69540	70140	70740	71340	71940	72540	73140	secs
19:19	19:29	19:39	19:49	19:59	20: 9	20:19	hh:mm



Orbit
82

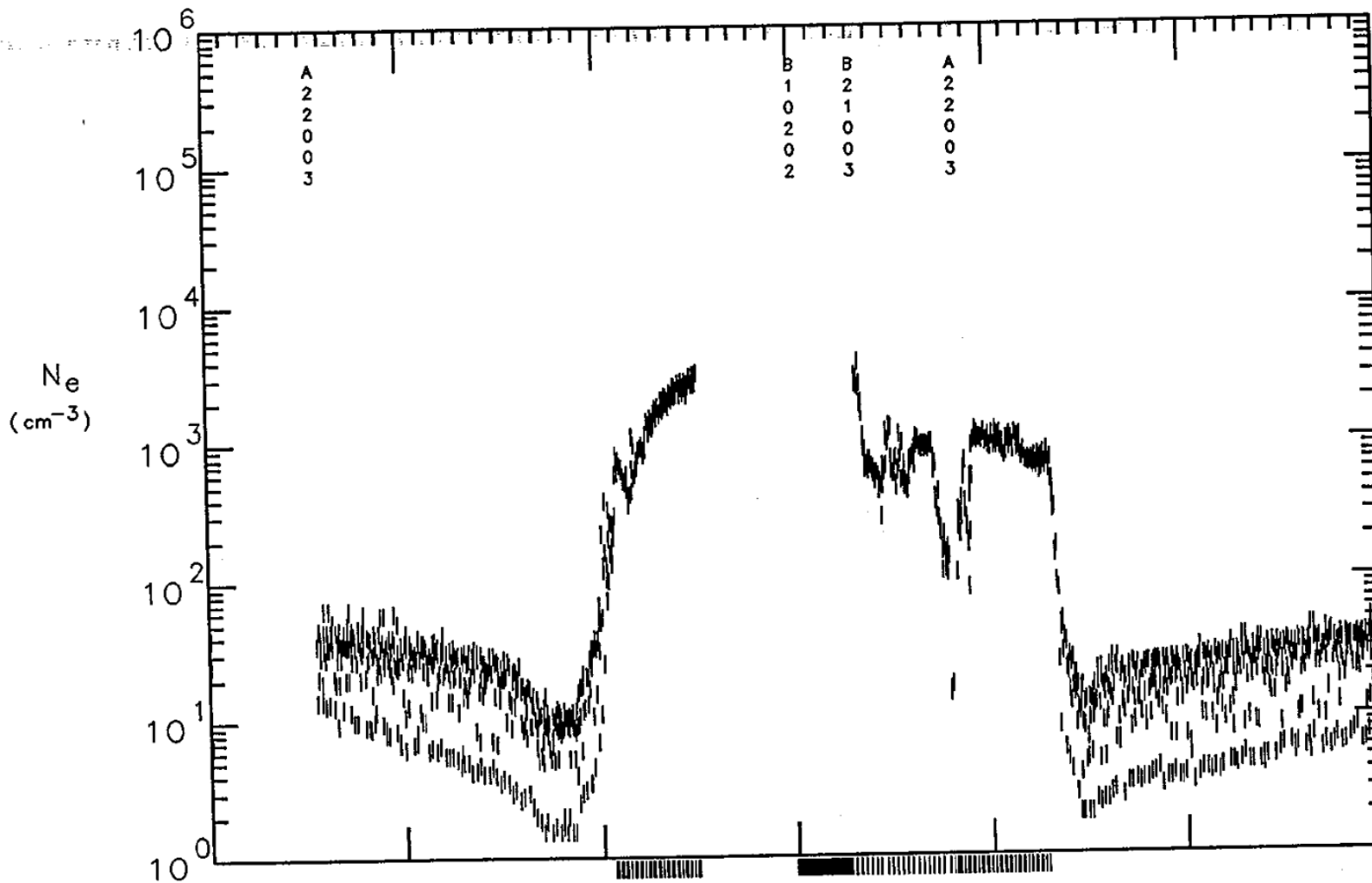
ALT	6281	3600	1212	153	1353	3785	6468	km
LAT	62	72	59	14	-31	-57	-70	deg
LONG	64	25	-49	-76	-90	-108	-135	deg
SZA	74	91	119	160	138	111	95	deg
LST	15.4	17.8	23.1	0.9	1.9	3.0	4.6	hr

Ne hi-res Radial

Plotted:
12-JUL-93
19:42:58

Universal Time, Day 79056

69360	69960	70560	71160	71760	72360	72960	secs
19:16	19:26	19:36	19:46	19:56	20: 6	20:16	hh:mm



Orbit
83

ALT	6390	3708	1296	154	1272	3678	6359	km
LAT	62	72	61	16	-29	-56	-69	deg
LONG	66	29	-46	-73	-88	-105	-132	deg
SZA	74	90	118	158	139	111	95	deg
LST	15.5	17.7	23.1	1.0	1.9	3.0	4.6	hr

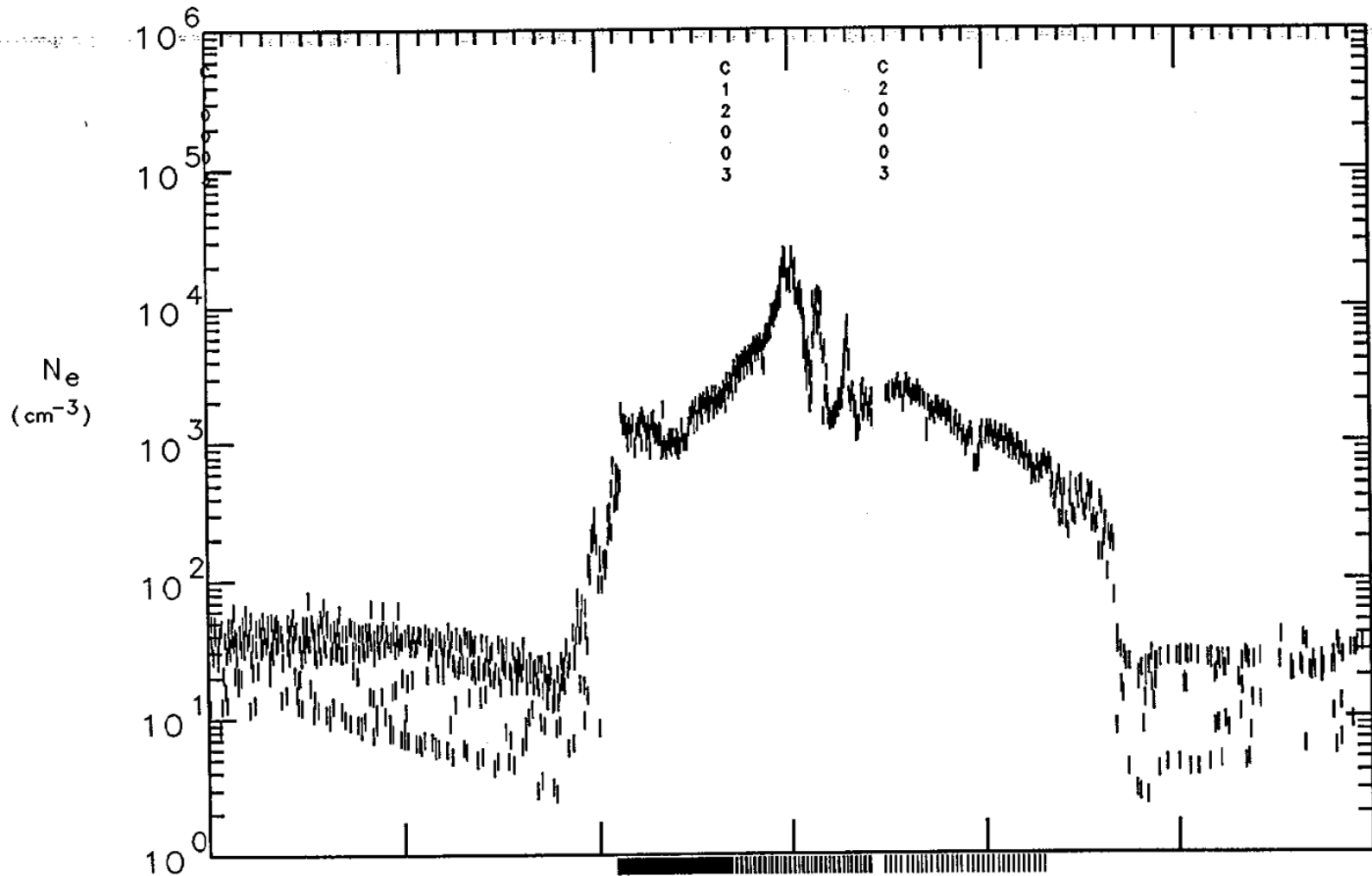
Ne hi-res Radial

Plotted:
12-JUL-93
19:55:02

Universal Time, Day 79057

69180	69780	70380	70980	71580	72180	72780
19:13	19:23	19:33	19:43	19:53	20: 3	20:13

secs
hh:mm



Orbit
84

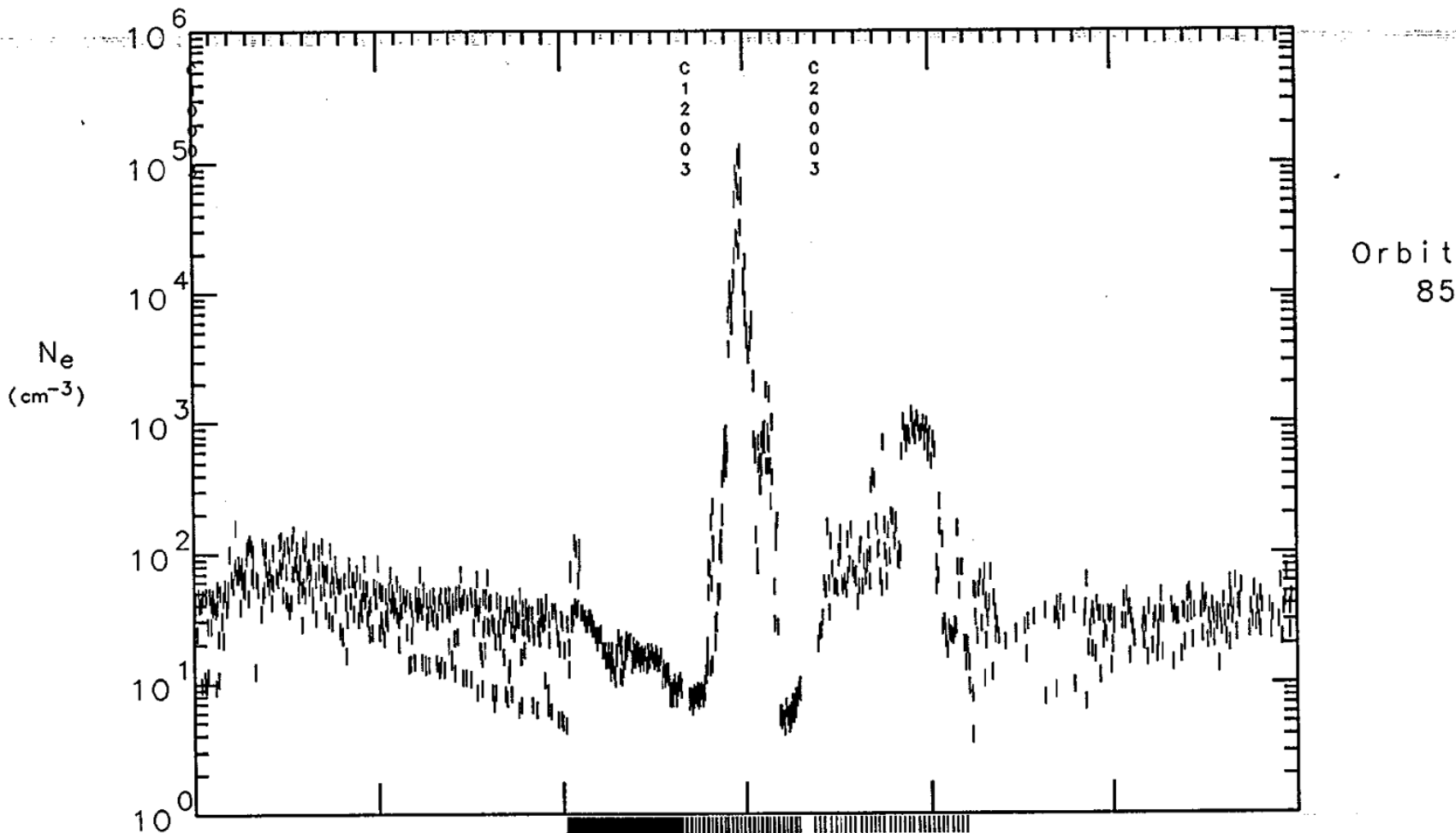
ALT	6496	3813	1378	159	1196	3574	6253	km
LAT	61	72	62	18	-28	-56	-69	deg
LONG	68	33	-43	-71	-86	-103	-129	deg
SZA	74	90	117	156	139	112	95	deg
LST	15.5	17.7	23.0	1.0	2.0	3.1	4.7	hr

Ne hi-res Radial

Plotted:
12-JUL-93
20:05:14

Universal Time, Day 79058

69060	69660	70260	70860	71460	72060	72660	secs
19:11	19:21	19:31	19:41	19:51	20: 1	20:11	hh:mm



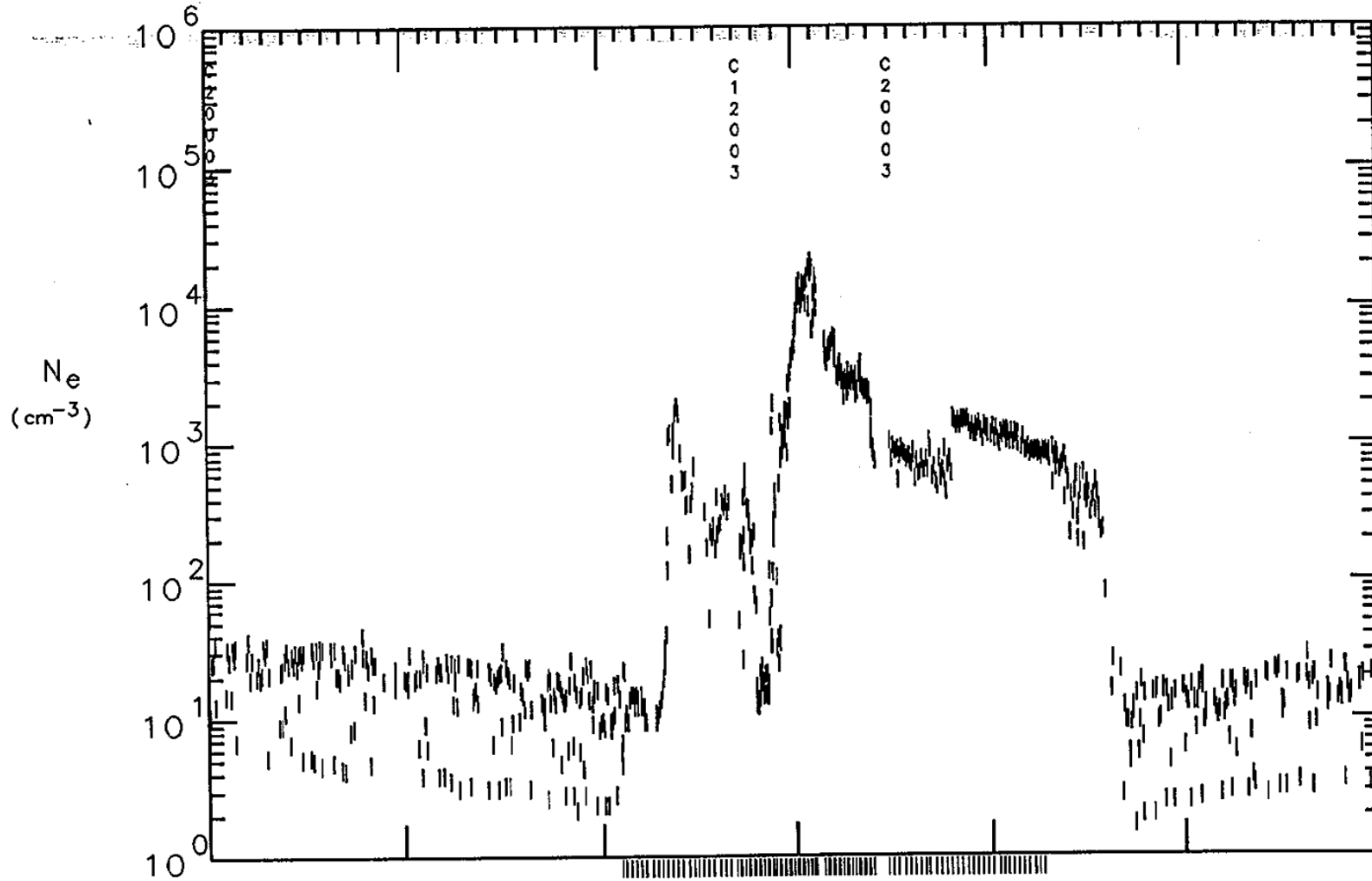
ALT	6297	3613	1217	142	1334	3767	6453	km
LAT	62	72	60	14	-30	-57	-70	deg
LONG	69	30	-45	-71	-86	-103	-130	deg
SZA	75	92	119	156	135	109	93	deg
LST	15.7	18.1	23.4	1.2	2.2	3.3	4.9	hr

Ne hi-res Radial

Plotted:
12-JUL-93
20:15:14

Universal Time, Day 79059

68820	69420	70020	70620	71220	71820	72420	secs
19: 7	19:17	19:27	19:37	19:47	19:57	20: 7	hh:mm



Orbit
86

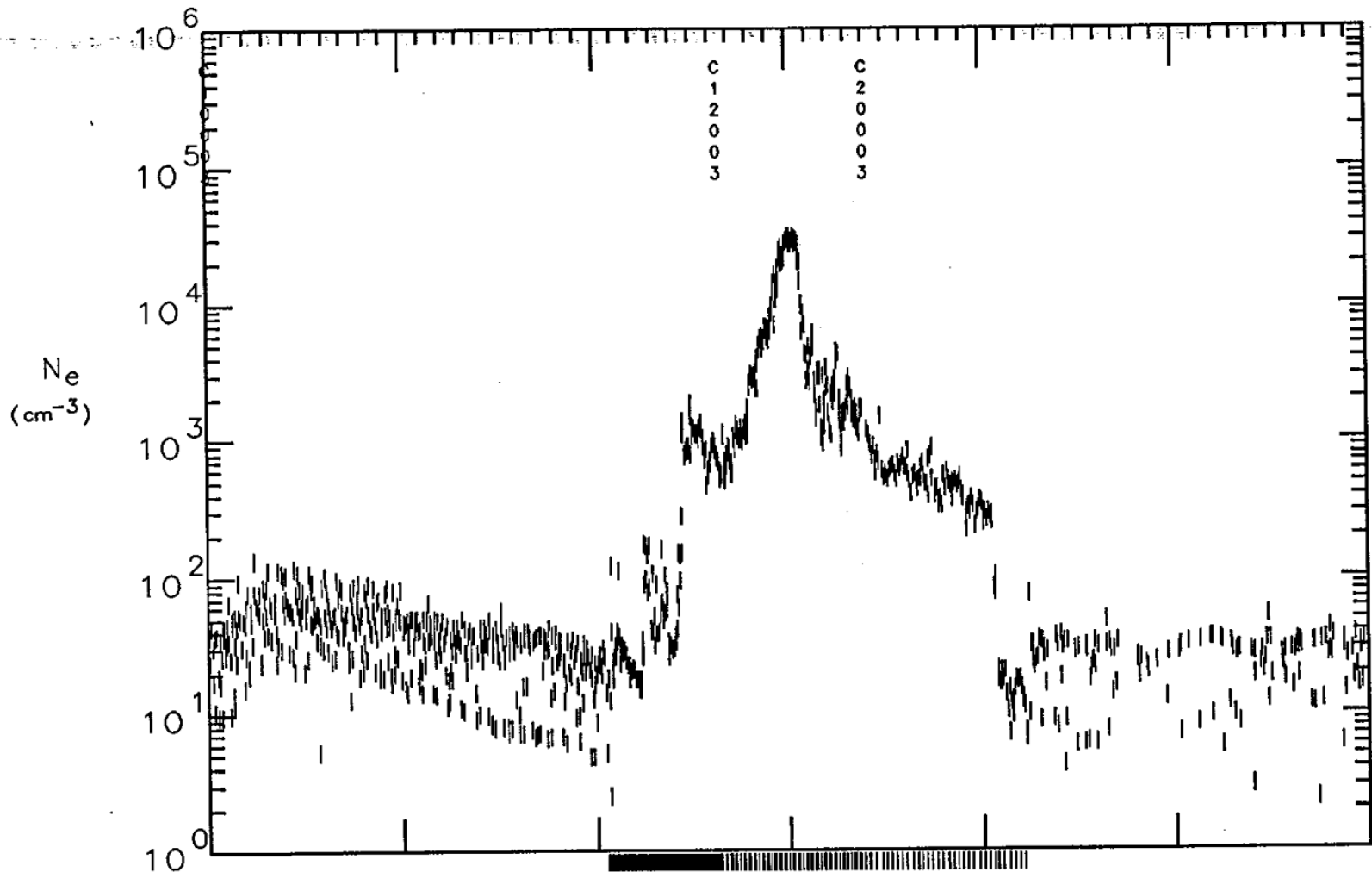
ALT	6489	3803	1365	147	1193	3579	6261	km
LAT	61	72	62	18	-28	-56	-69	deg
LONG	71	36	-40	-68	-83	-100	-127	deg
SZA	75	91	117	154	137	110	94	deg
LST	15.7	17.9	23.2	1.2	2.2	3.3	4.9	hr

Ne hi-res Radiol

Plotted:
12-JUL-93
20:24:00

Universal Time, Day 79060

68640	69240	69840	70440	71040	71640	72240	secs
19: 4	19:14	19:24	19:34	19:44	19:54	20: 4	hh:mm



Orbit
87

ALT	6398	3714	1297	147	1262	3668	6352	km
LAT	62	72	61	16	-29	-56	-69	deg
LONG	72	35	-40	-67	-82	-100	-126	deg
SZA	76	92	118	153	134	109	93	deg
LST	15.9	18.2	23.5	1.4	2.4	3.4	5.1	hr

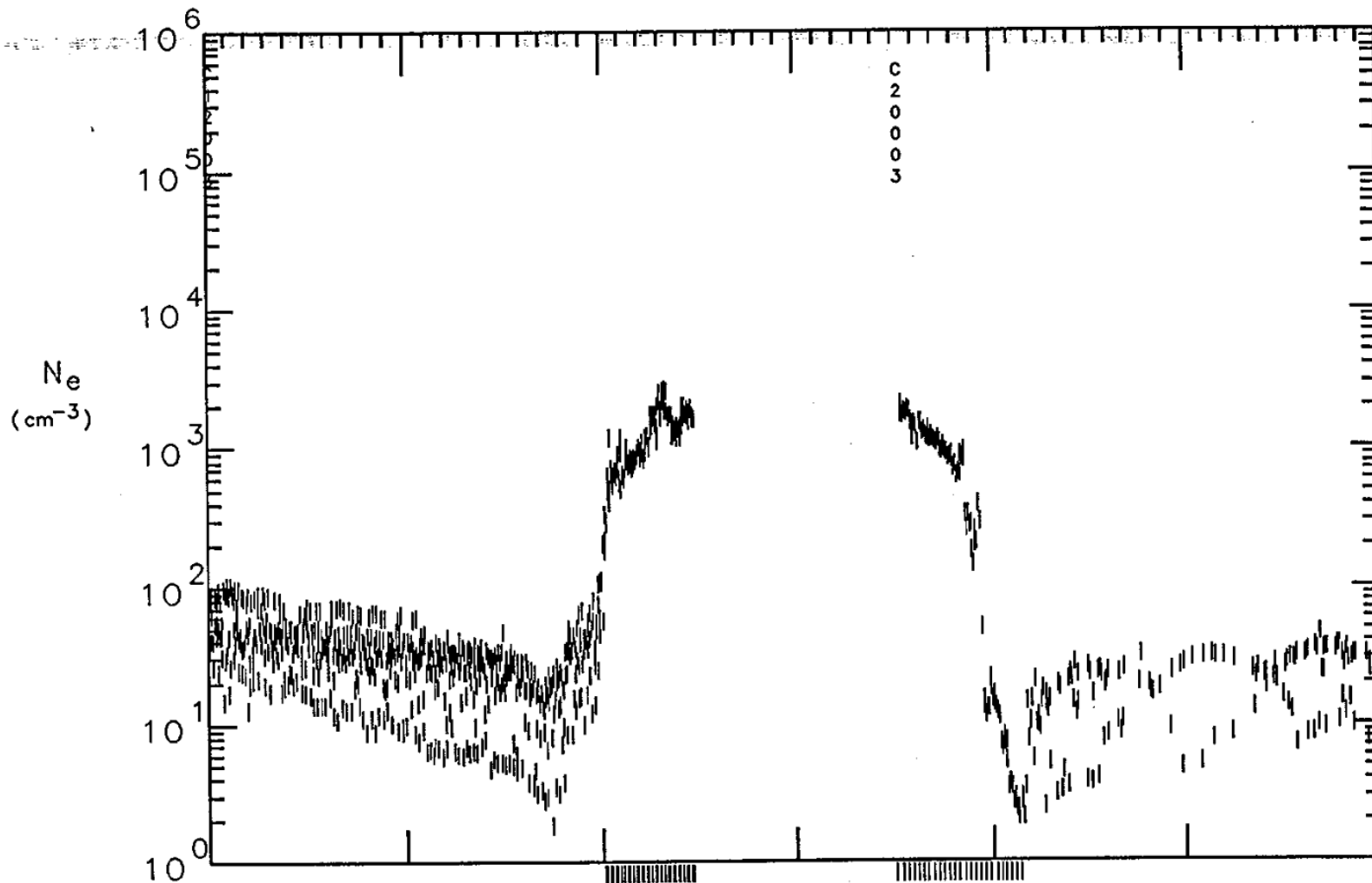
Ne hi-res Radial

Plotted:
12-JUL-93
20:34:11

Universal Time, Day 79061

68460	69060	69660	70260	70860	71460	72060
19: 1	19:11	19:21	19:31	19:41	19:51	20: 1

secs
hh:mm



Orbit
88

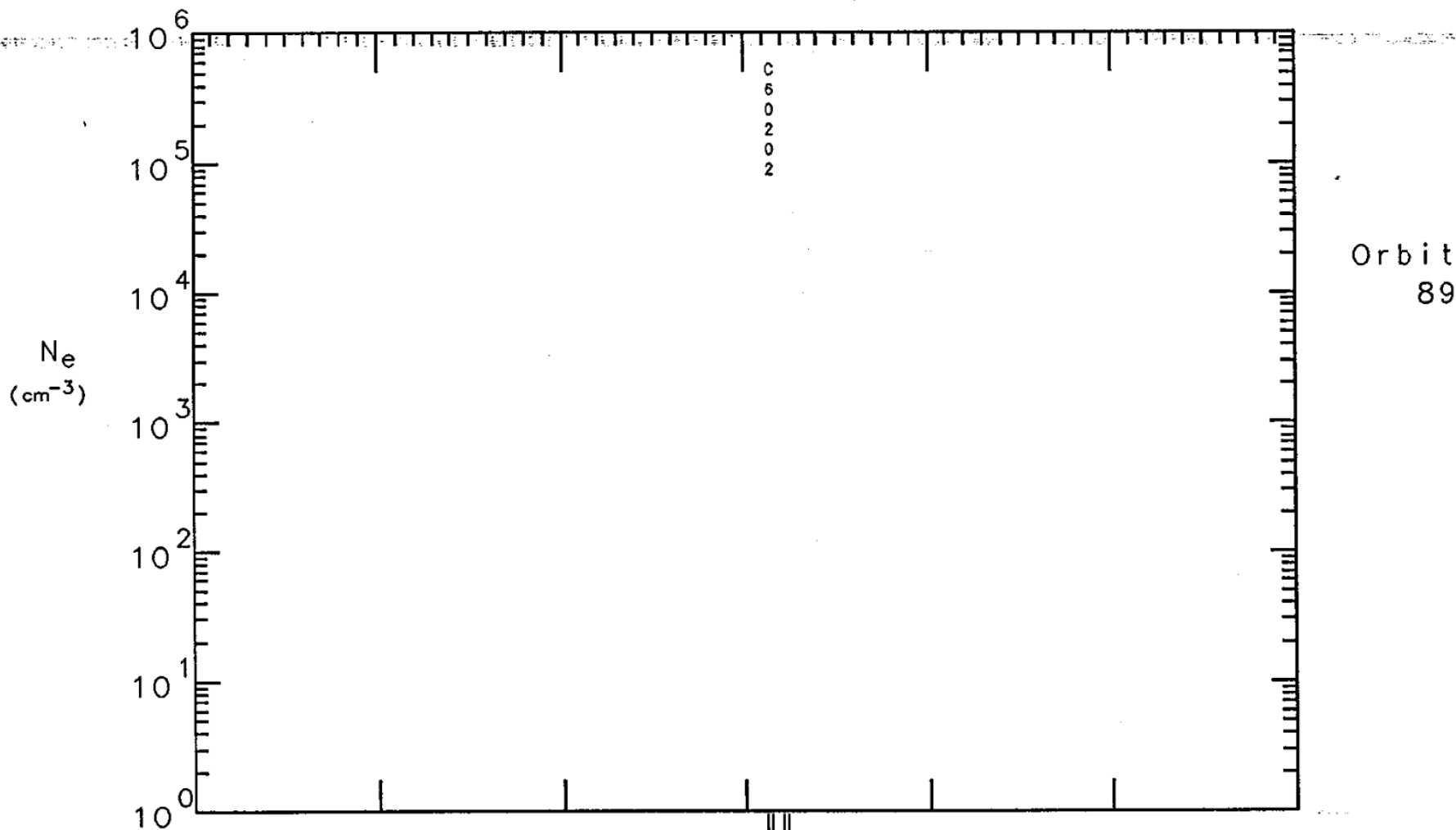
ALT	6288	3607	1216	150	1346	3777	6461	km
LAT	62	72	59	14	-31	-57	-70	deg
LONG	73	34	-41	-67	-81	-99	-126	deg
SZA	77	93	120	152	132	107	92	deg
LST	16.0	18.5	23.7	1.5	2.5	3.6	5.3	hr

Ne hi-res Radial

Plotted:
12-JUL-93
20:42:56

Universal Time, Day 79062

68220	68820	69420	70020	70620	71220	71820	secs
18:57	19: 7	19:17	19:27	19:37	19:47	19:57	hh:mm



ALT	6435	3752	1328	151	1236	3632	6314	km
LAT	62	72	61	17	-29	-56	-69	deg
LONG	76	39	-37	-64	-79	-96	-123	deg
SZA	77	92	118	150	133	108	92	deg
LST	16.1	18.3	23.7	1.6	2.5	3.6	5.2	hr

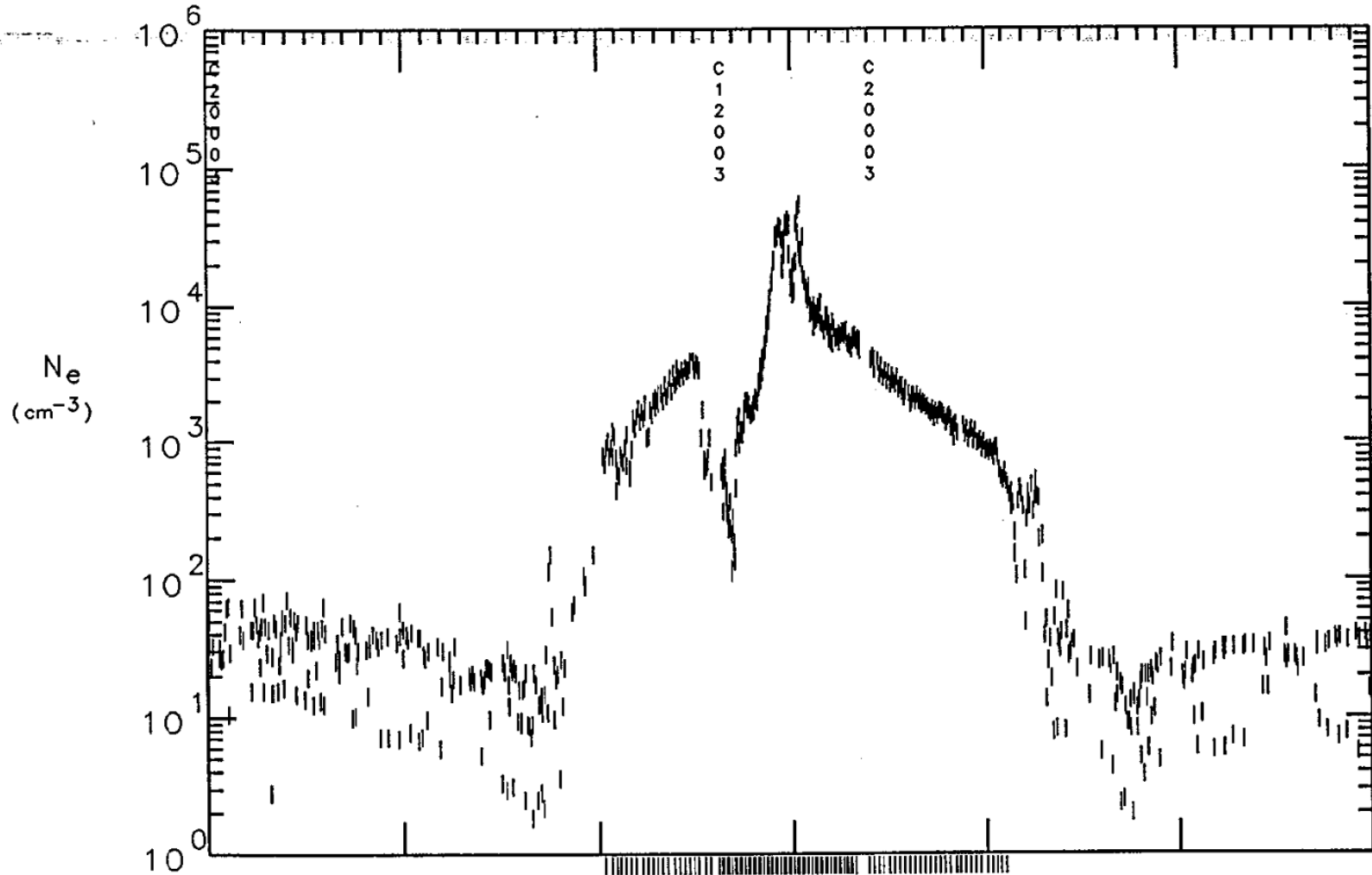
Ne hi-res Radial

Plotted:
12-JUL-93
20:45:10

Universal Time, Day 79063

68040	68640	69240	69840	70440	71040	71640
18:54	19: 4	19:14	19:24	19:34	19:44	19:54

secs
hh:mm



Orbit
90

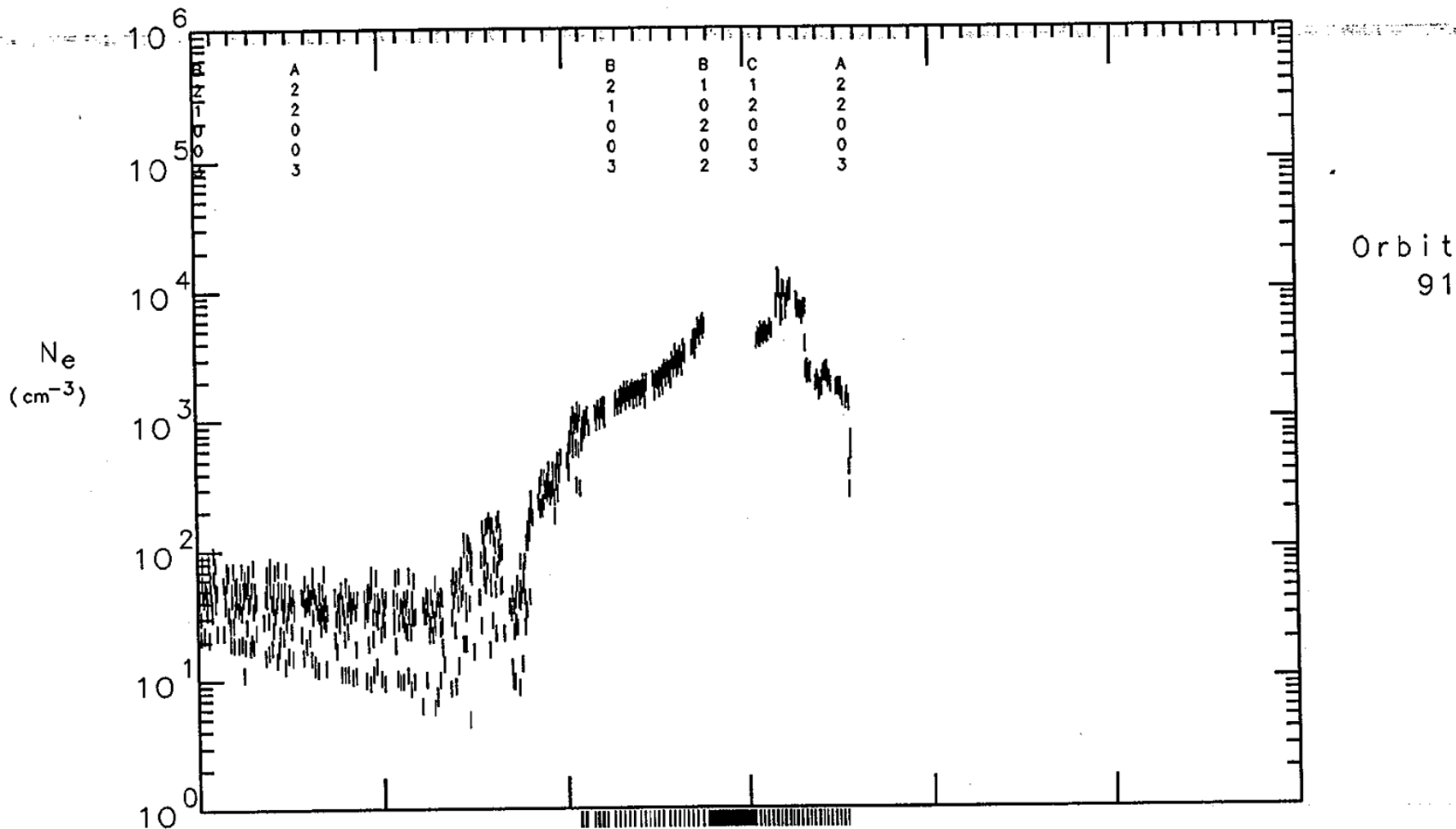
ALT	6302	3622	1229	153	1337	3763	6446	km
LAT	62	73	60	14	-30	-57	-70	deg
LONG	76	37	-38	-64	-78	-96	-123	deg
SZA	78	94	119	150	130	106	91	deg
LST	16.2	18.6	23.9	1.7	2.7	3.8	5.4	hr

Ne hi-res Radial

Plotted:
12-JUL-93
20:53:12

Universal Time, Day 79064

67800	68400	69000	69600	70200	70800	71400	secs
18:50	19: 0	19:10	19:20	19:30	19:40	19:50	hh:mm



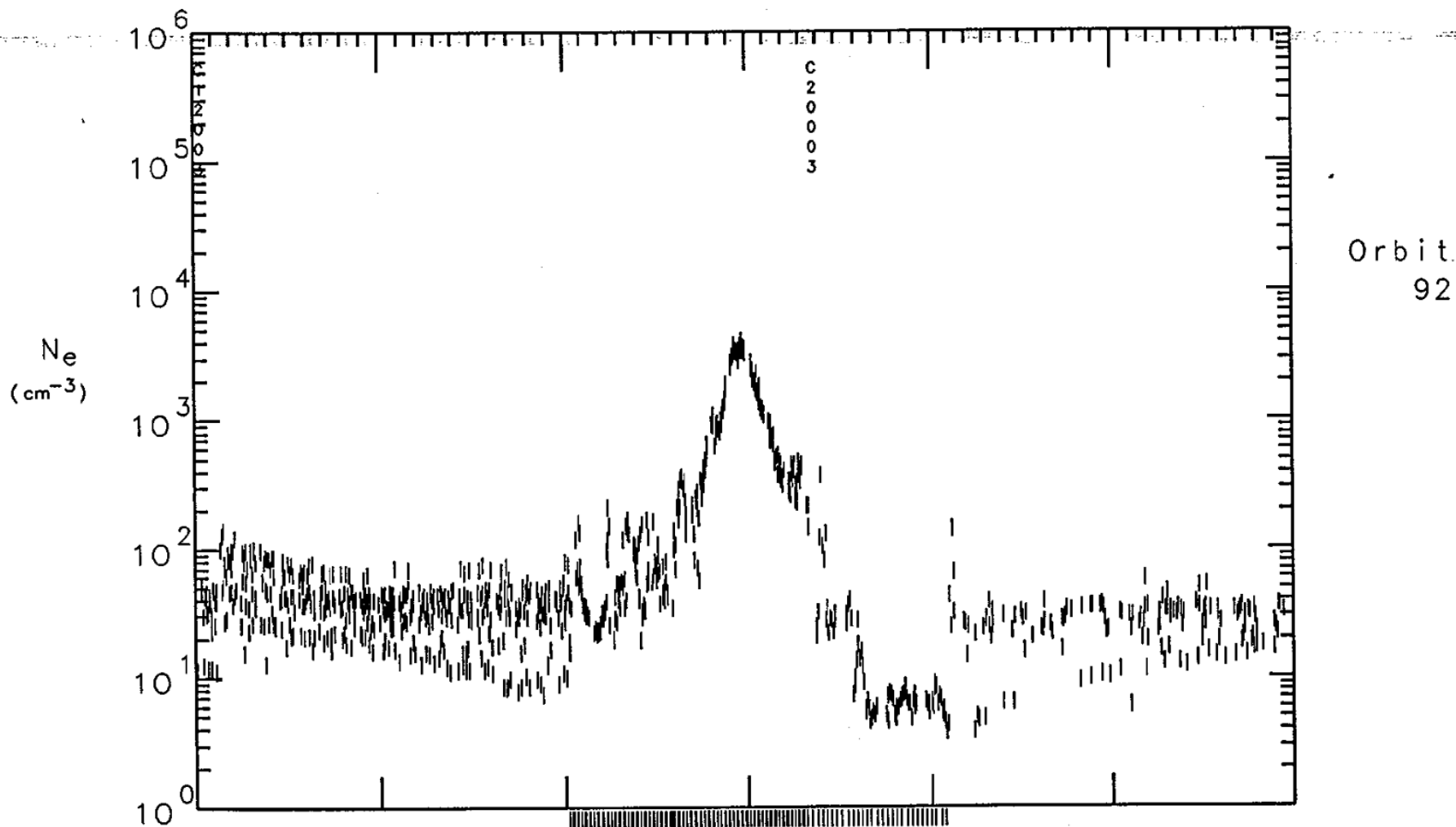
ALT	6432	3750	1328	154	1240	3636	6316	km
LAT	62	72	61	17	-29	-56	-69	deg
LONG	79	42	-34	-61	-76	-93	-120	deg
SZA	78	93	118	148	130	106	91	deg
LST	16.3	18.5	23.9	1.8	2.8	3.8	5.5	hr

Ne hi-res Radial

Plotted:
12-JUL-93
21:02:27

Universal Time, Day 79065

67620	68220	68820	69420	70020	70620	71220	secs
18:47	18:57	19: 7	19:17	19:27	19:37	19:47	hh:mm



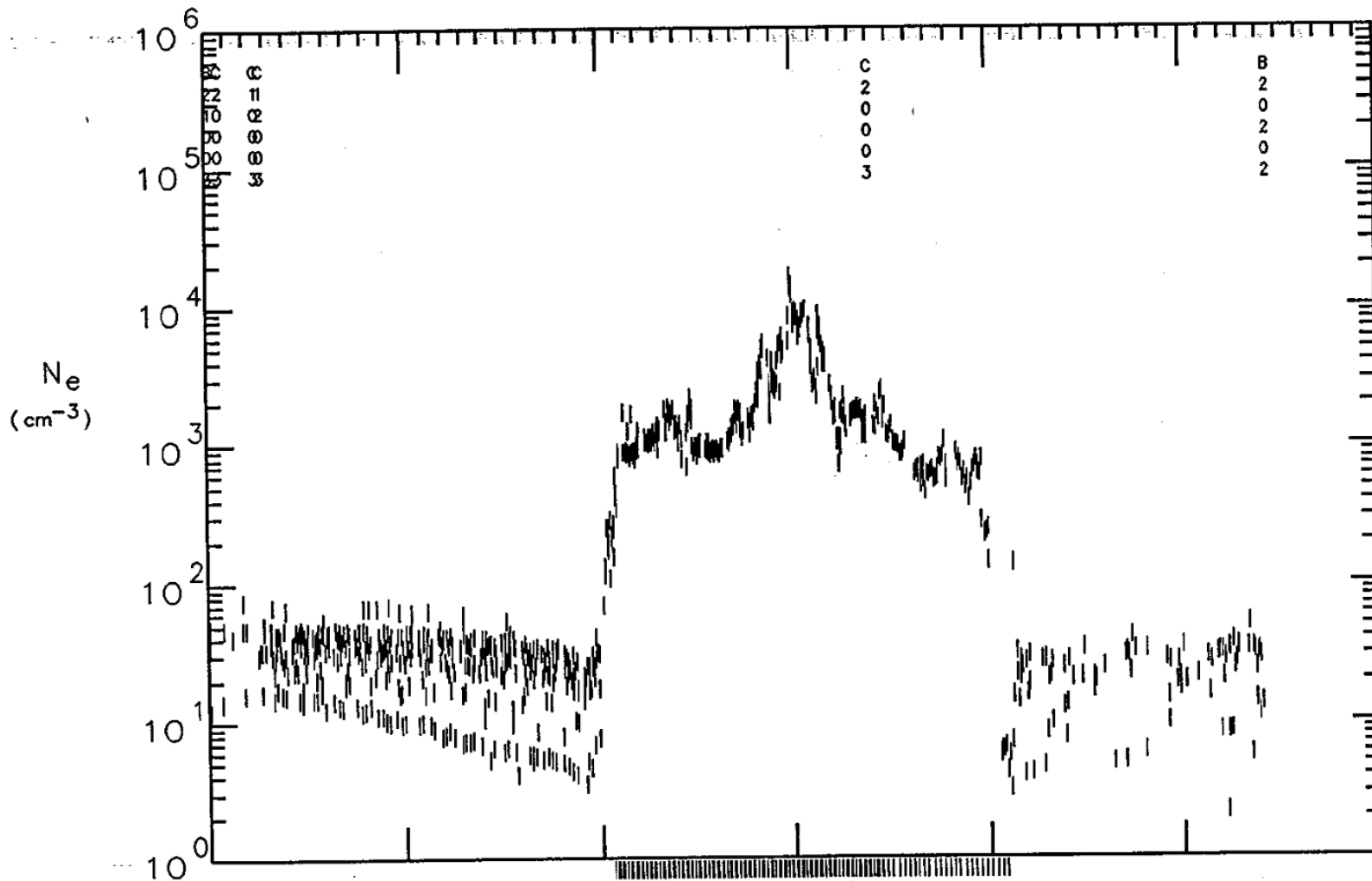
ALT	6290	3610	1222	156	1349	3776	6458	km
LAT	62	73	59	14	-31	-57	-70	deg
LONG	79	39	-35	-61	-75	-93	-120	deg
SZA	80	94	119	147	128	105	90	deg
LST	16.4	18.9	0.2	2.0	2.9	4.0	5.7	hr

Ne hi-res Radial

Plotted:
12-JUL-93
21:12:22

Universal Time, Day 79066

67380	67980	68580	69180	69780	70380	70980	secs
18:43	18:53	19: 3	19:13	19:23	19:33	19:43	hh:mm



Orbit
93

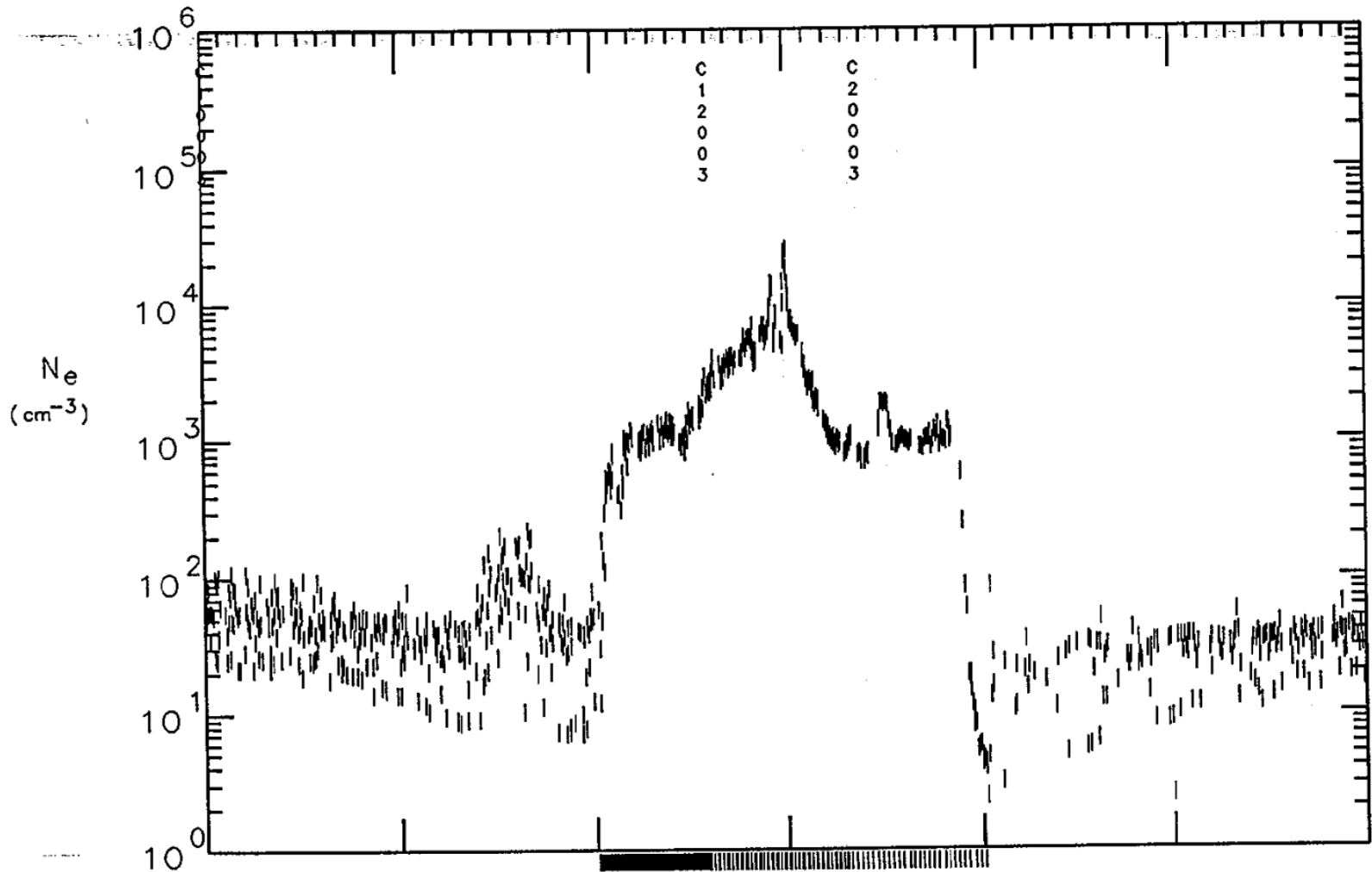
ALT	6411	3729	1313	157	1258	3657	6337	km
LAT	62	72	61	17	-29	-56	-69	deg
LONG	81	44	-31	-59	-73	-90	-117	deg
SZA	80	94	118	145	128	105	90	deg
LST	16.5	18.8	0.1	2.0	3.0	4.0	5.7	hr

Ne hi-res Radial

Plotted:
12-JUL-93
21:22:35

Universal Time, Day 79067

67200	67800	68400	69000	69600	70200	70800	secs
18:40	18:50	19: 0	19:10	19:20	19:30	19:40	hh:mm



Orbit
94

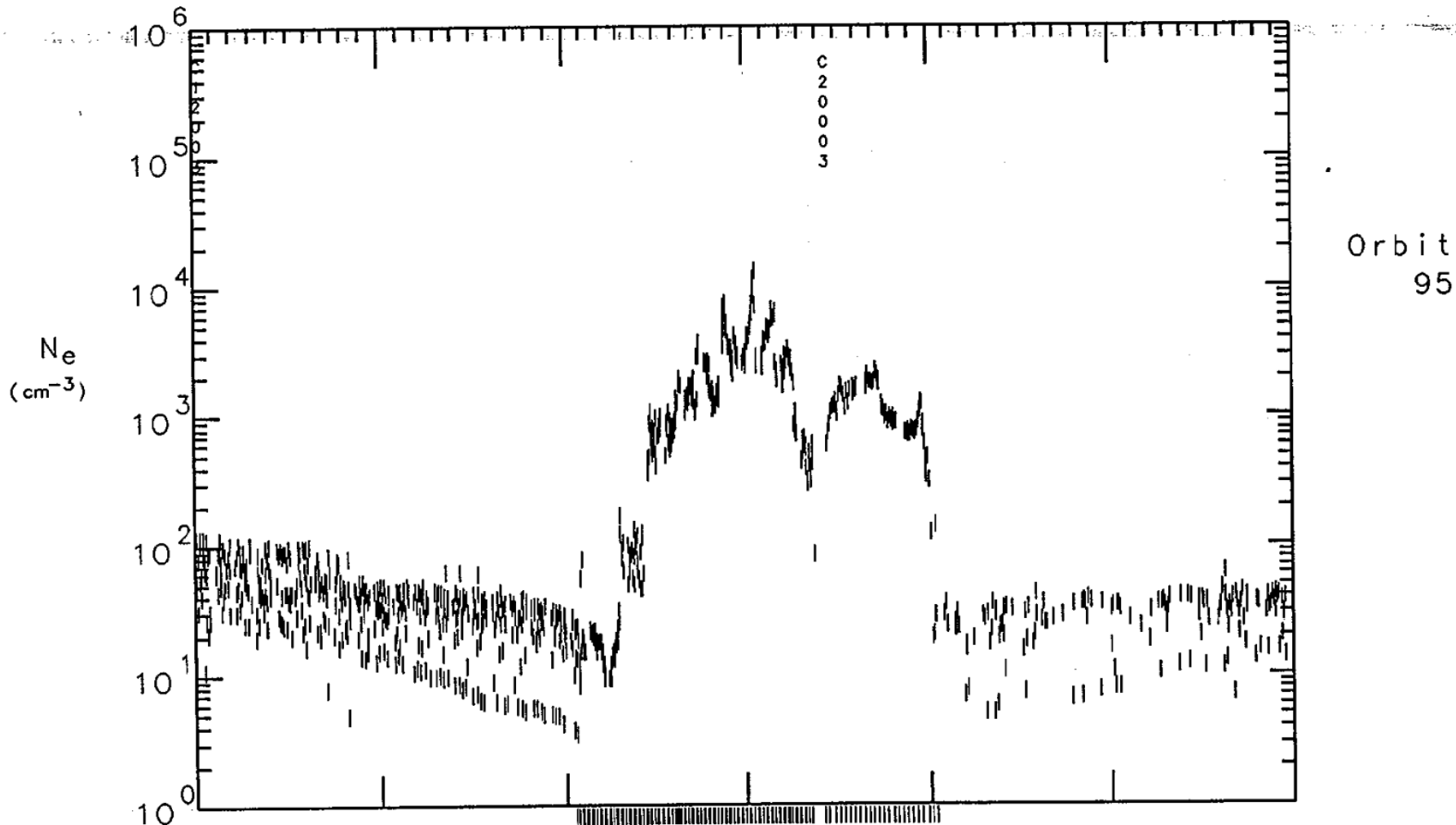
ALT	6258	3580	1201	160	1374	3807	6489	km
LAT	63	73	59	14	-31	-57	-70	deg
LONG	82	41	-33	-58	-72	-90	-117	deg
SZA	81	95	119	144	125	103	89	deg
LST	16.7	19.2	0.4	2.2	3.1	4.2	5.9	hr

Ne hi-res Radial

Plotted:
12-JUL-93
21:33:26

Universal Time, Day 79068

66960	67560	68160	68760	69360	69960	70560	secs
18:36	18:46	18:56	19: 6	19:16	19:26	19:36	hh:mm



Orbit
95

ALT	6370	3690	1284	159	1290	3697	6377	km
LAT	62	73	60	16	-30	-57	-70	deg
LONG	84	46	-29	-56	-70	-87	-114	deg
SZA	81	95	118	142	125	103	89	deg
LST	16.7	19.1	0.4	2.2	3.2	4.3	5.9	hr

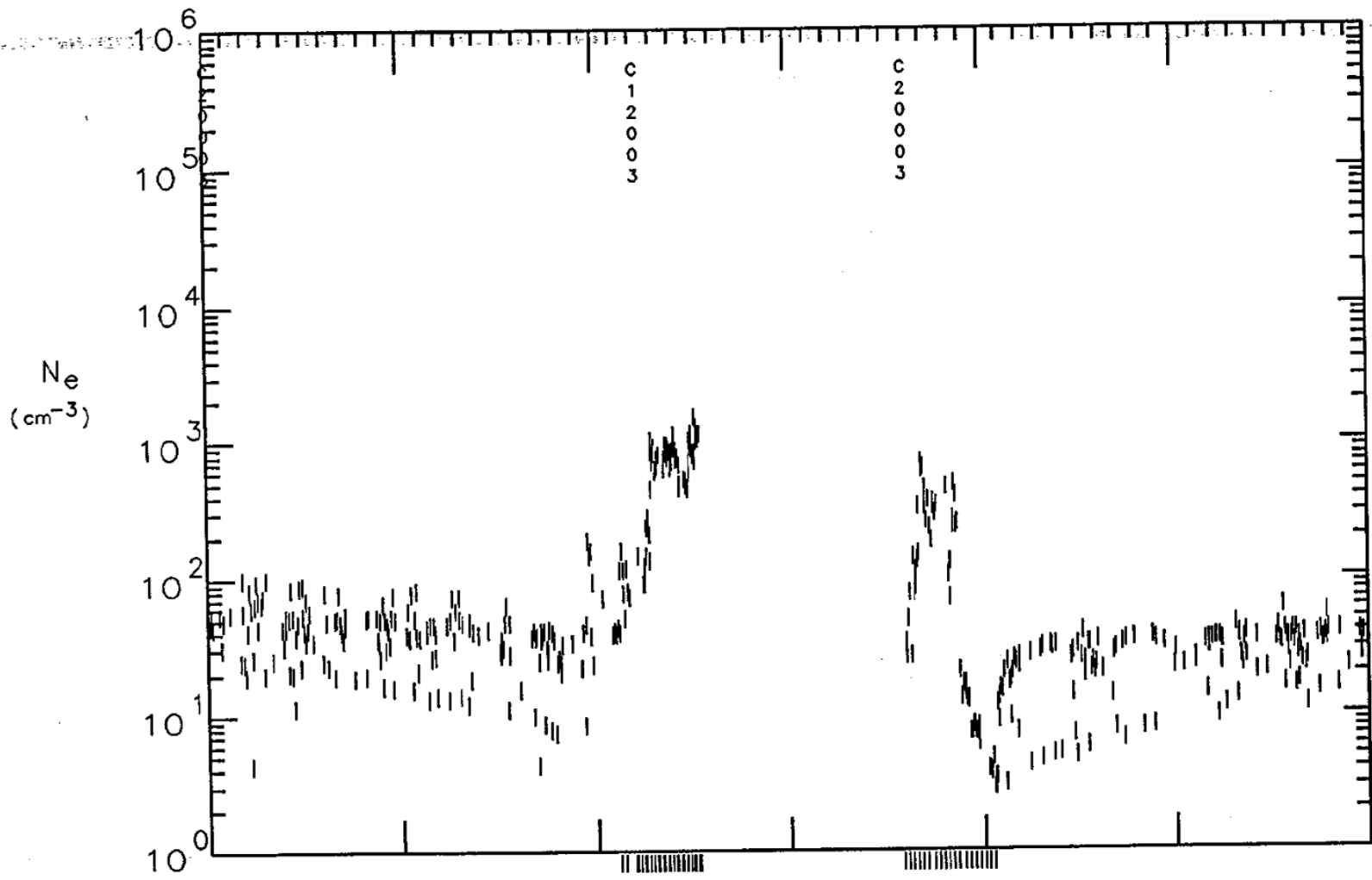
Ne hi-res Radial

Plotted:
12-JUL-93
21:43:33

Universal Time, Day 79069

66720	67320	67920	68520	69120	69720	70320
18:32	18:42	18:52	19: 2	19:12	19:22	19:32

secs
hh:mm



C
1
2
0
0
3

C
2
0
0
0
3

Orbit
96

N_e
(cm^{-3})

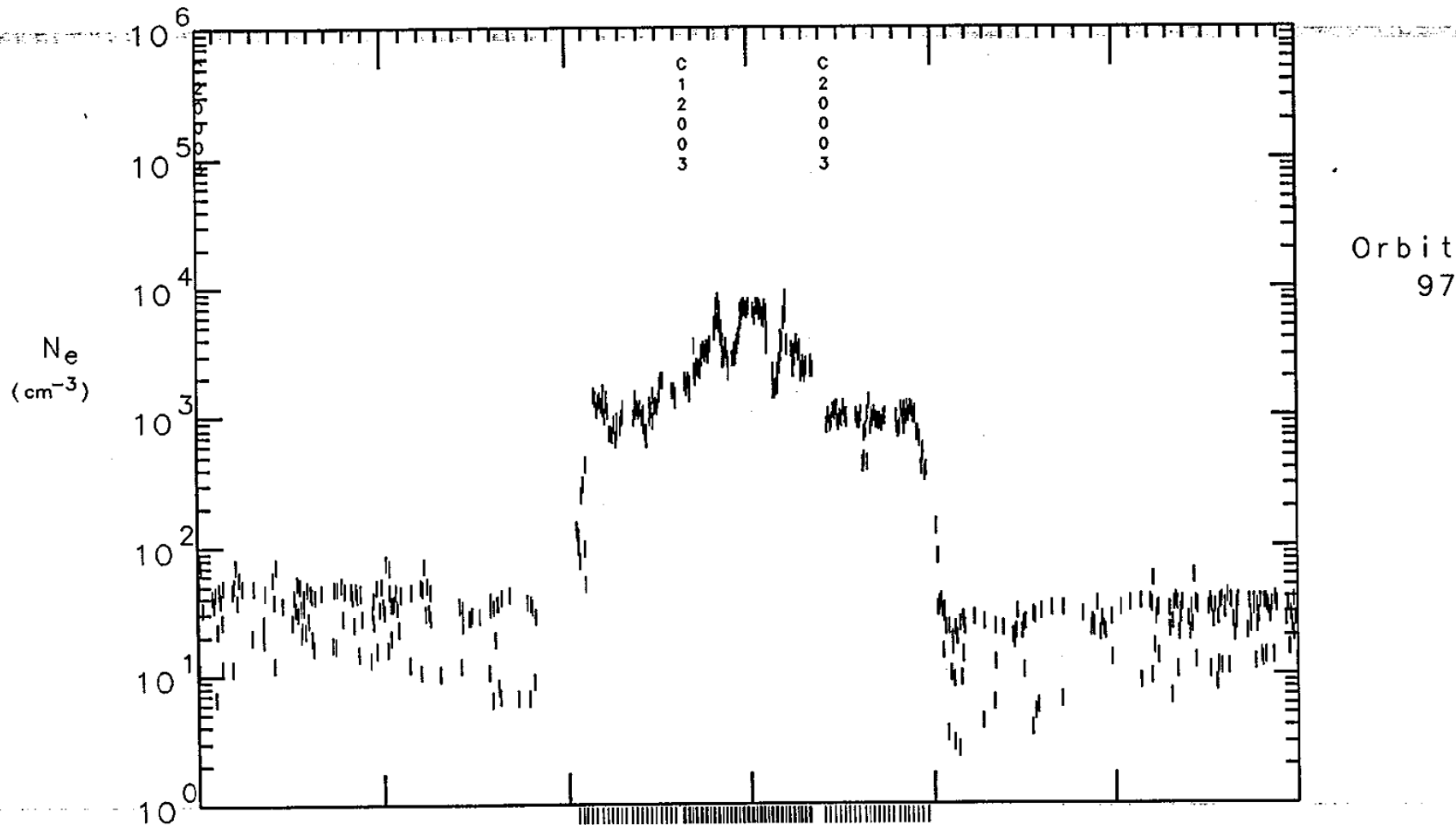
ALT	6479	3797	1367	161	1209	3591	6268	km
LAT	62	72	62	18	-28	-56	-69	deg
LONG	86	50	-26	-54	-68	-85	-111	deg
SZA	81	95	117	141	125	103	89	deg
LST	16.8	19.0	0.4	2.3	3.3	4.3	5.9	hr

Ne hi-res Radial

Plotted:
12-JUL-93
21:50:24

Universal Time, Day 79070

66540	67140	67740	68340	68940	69540	70140	secs
18:29	18:39	18:49	18:59	19: 9	19:19	19:29	hh:mm



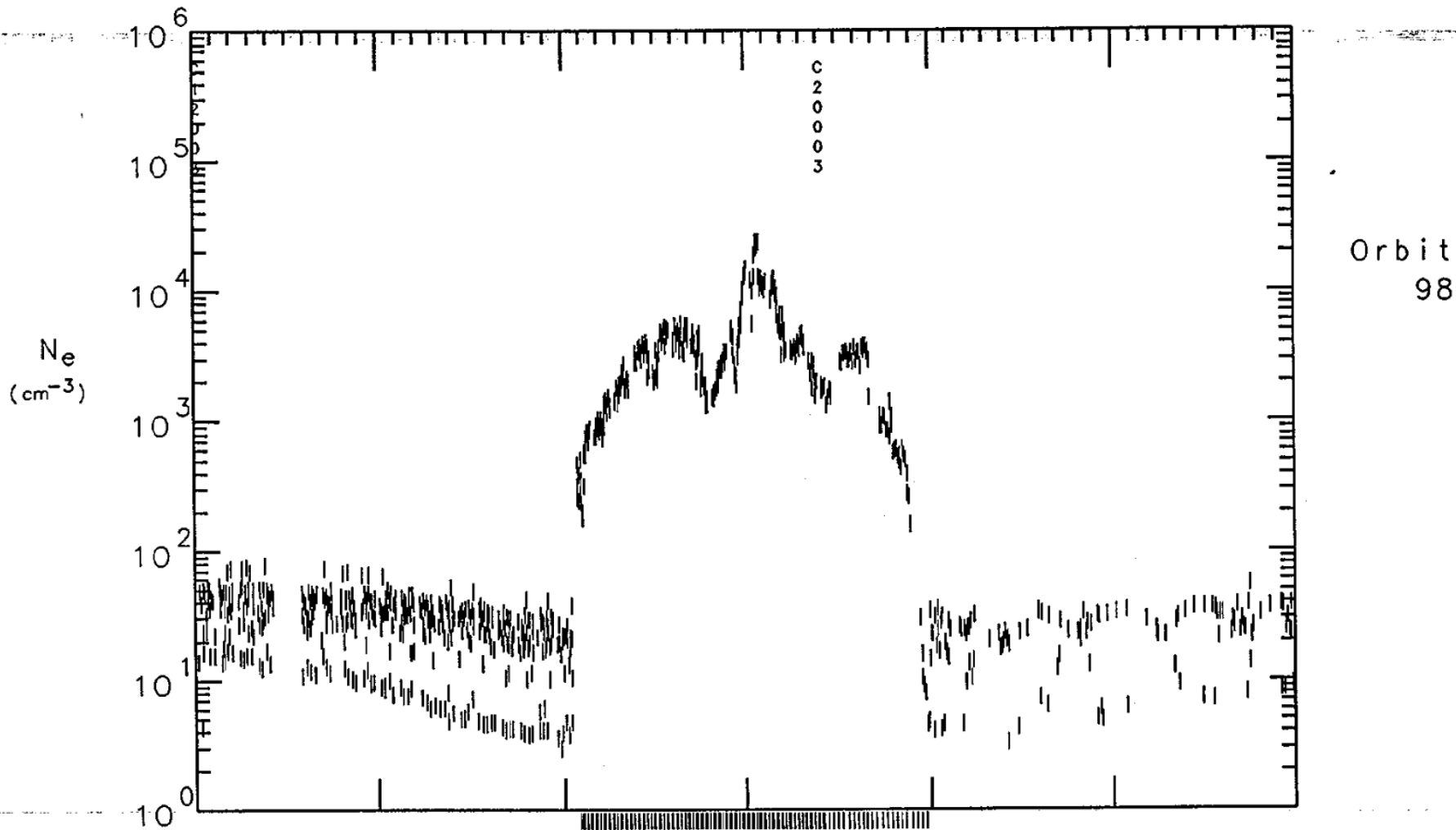
ALT	6315	3637	1245	161	1332	3751	6432	km
LAT	62	73	60	15	-30	-57	-70	deg
LONG	87	47	-27	-53	-68	-85	-112	deg
SZA	83	96	118	140	122	101	88	deg
LST	16.9	19.4	0.7	2.5	3.4	4.5	6.2	hr

Ne hi-res Radial

Plotted:
12-JUL-93
21:57:37

Universal Time, Day 79071

66300	66900	67500	68100	68700	69300	69900	secs
18:25	18:35	18:45	18:55	19: 5	19:15	19:25	hh:mm



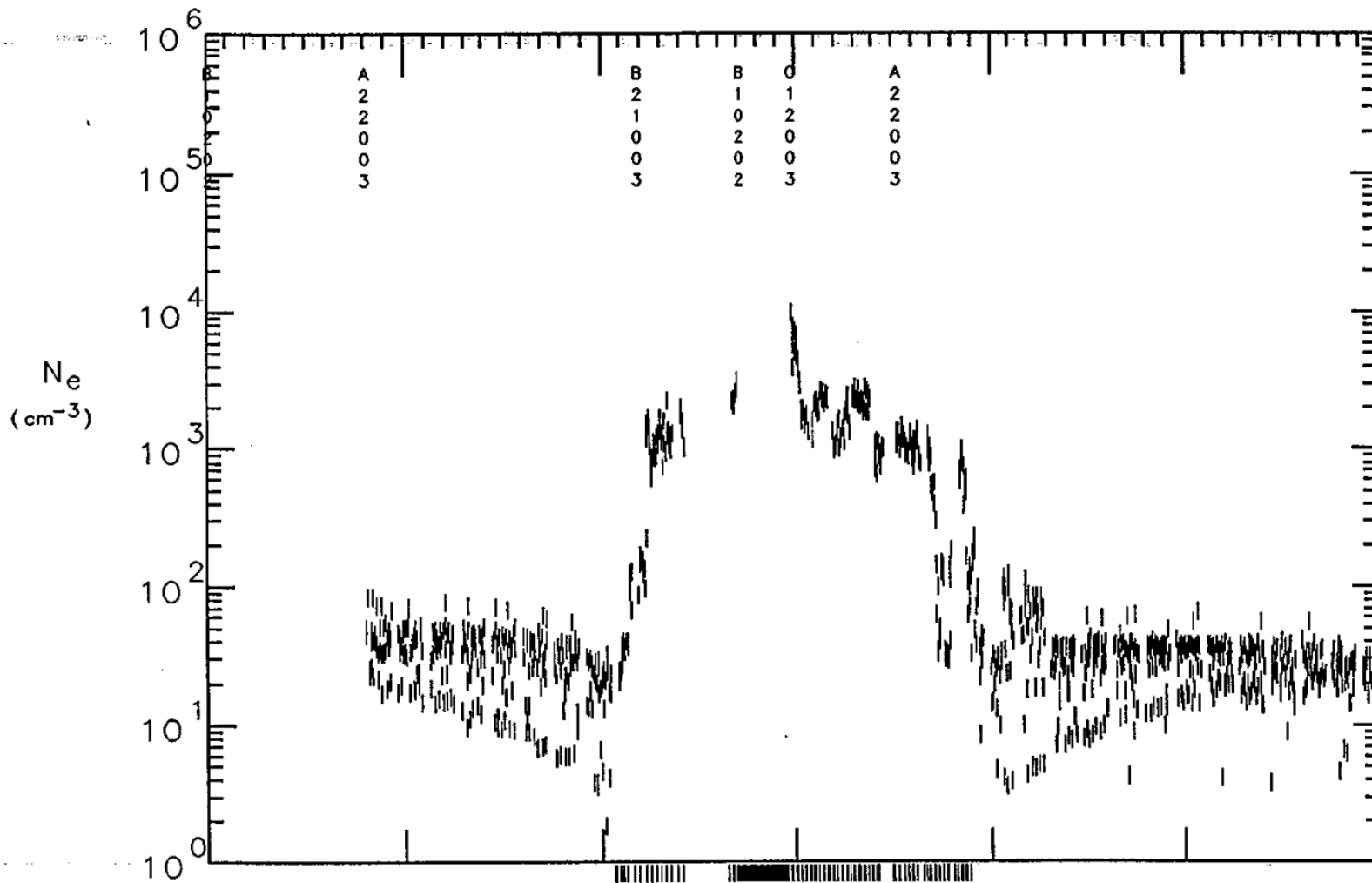
ALT	6416	3736	1321	161	1256	3652	6331	km
LAT	62	73	61	17	-29	-56	-70	deg
LONG	89	52	-24	-51	-66	-83	-109	deg
SZA	83	96	117	138	122	101	88	deg
LST	17.0	19.3	0.7	2.5	3.5	4.6	6.2	hr

Ne hi-res Radial

Plotted:
12-JUL-93
22:08:08

Universal Time, Day 79072

66120	66720	67320	67920	68520	69120	69720	secs
18:22	18:32	18:42	18:52	19: 2	19:12	19:22	hh:mm



Orbit
99

ALT	6244	3568	1193	164	1387	3821	6502	km
LAT	63	73	59	13	-31	-58	-70	deg
LONG	89	48	-26	-51	-65	-82	-110	deg
SZA	84	97	118	137	119	99	87	deg
LST	17.2	19.7	1.0	2.7	3.7	4.7	6.4	hr