

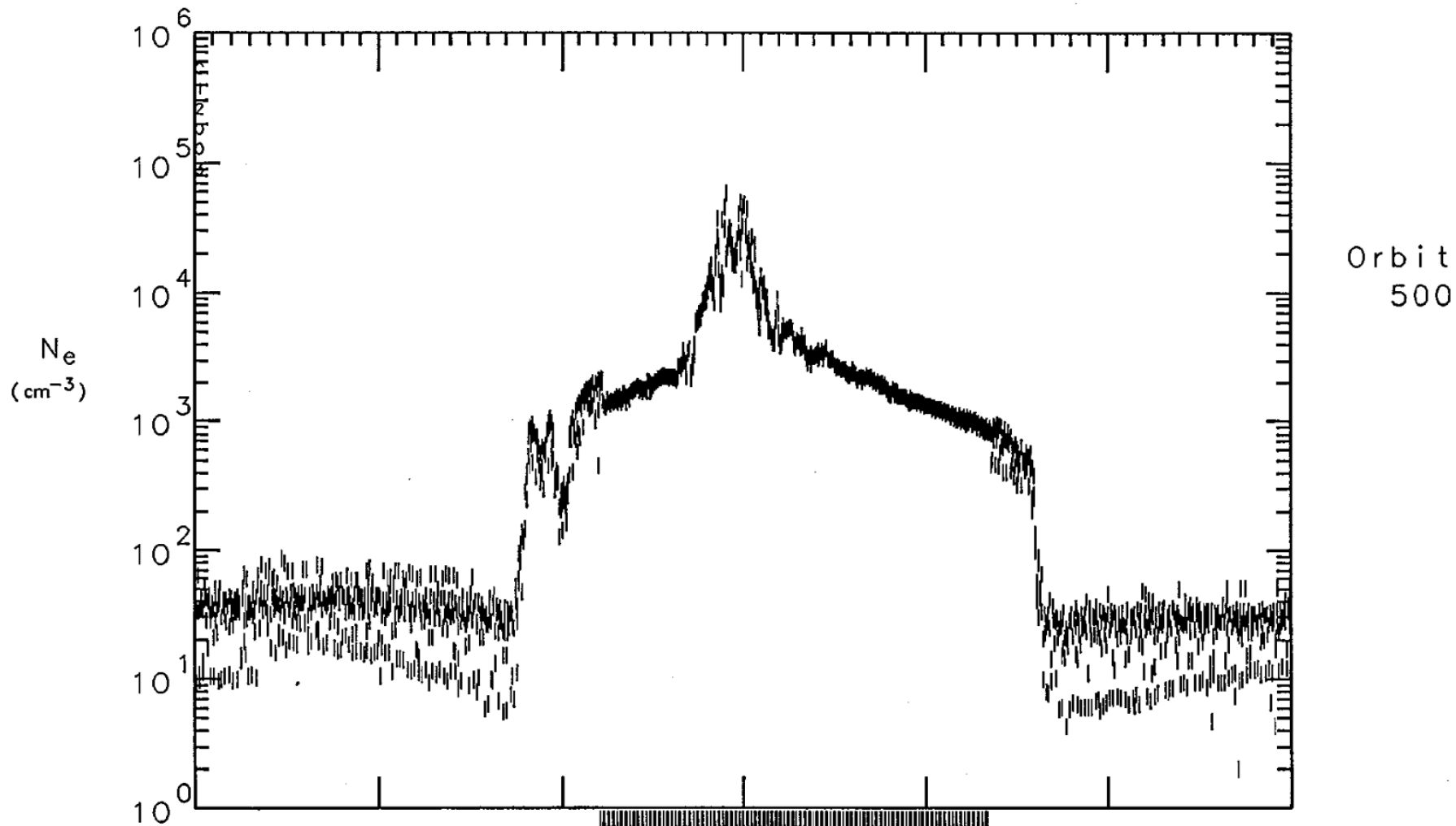
Ne hi-res Radiol

Plotted:  
20-JUL-93  
16:49:46

Universal Time, Day 80109

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

secs  
hh:mm



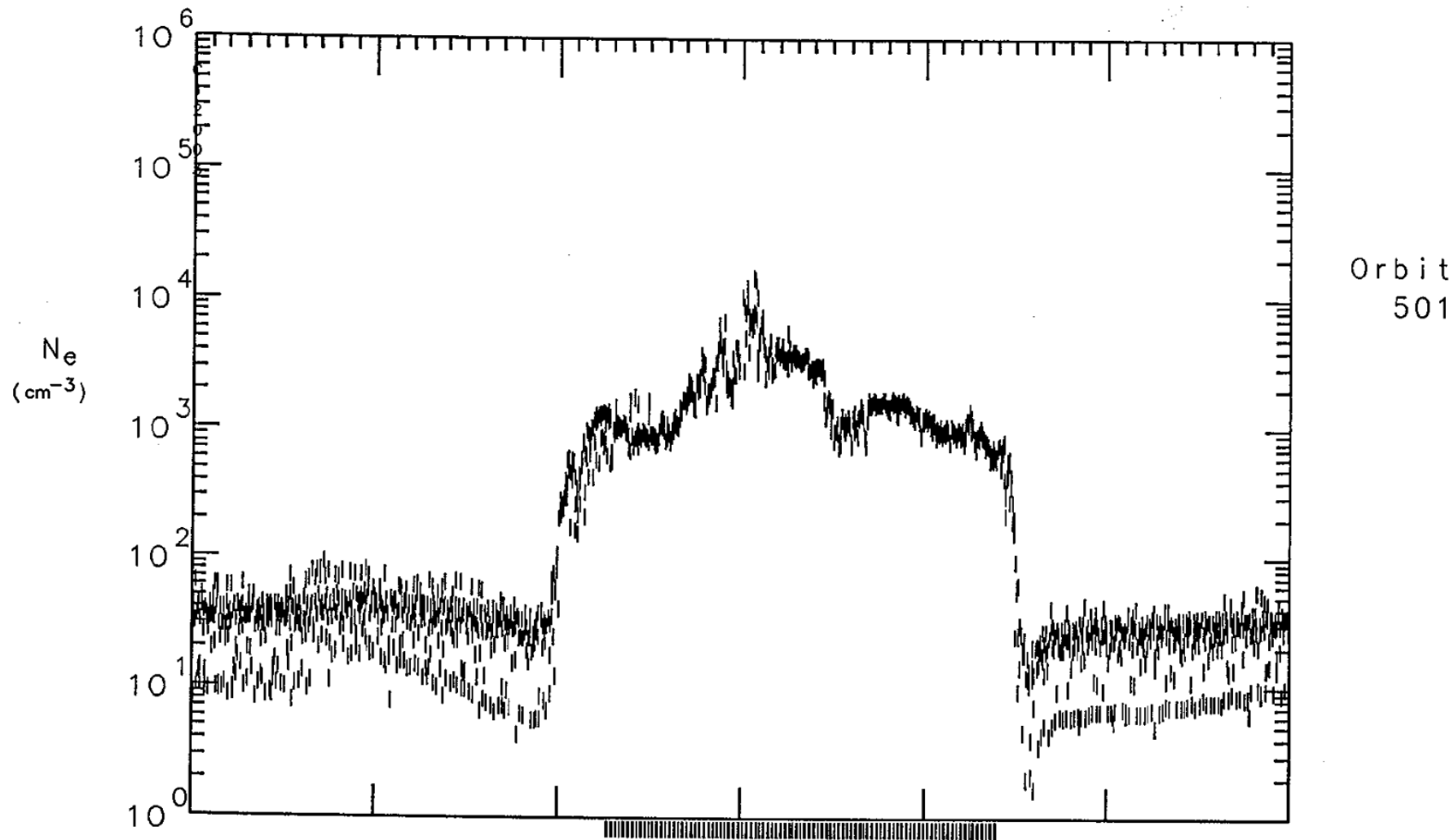
ALT	6280	3599	1210	151	1354	3786	6471	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-37	-81	-152	-176	169	150	119	deg
SZA	66	81	107	143	139	118	104	deg
LST	12.2	15.0	19.9	21.6	22.6	23.8	1.6	hr

Universal Time, Day 80110

Ne hi-res Radial

Plotted:  
20-JUL-93  
16:57:44  
secs  
hh:mm

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



ALT	6453	3770	1343	155	1226	3617	6297	km
LAT	63	73	60	15	-30	-58	-70	deg
LONG	-35	-75	-147	-173	171	153	123	deg
SZA	66	80	105	142	141	119	104	deg
LST	12.3	14.8	19.9	21.6	22.6	23.8	1.6	hr

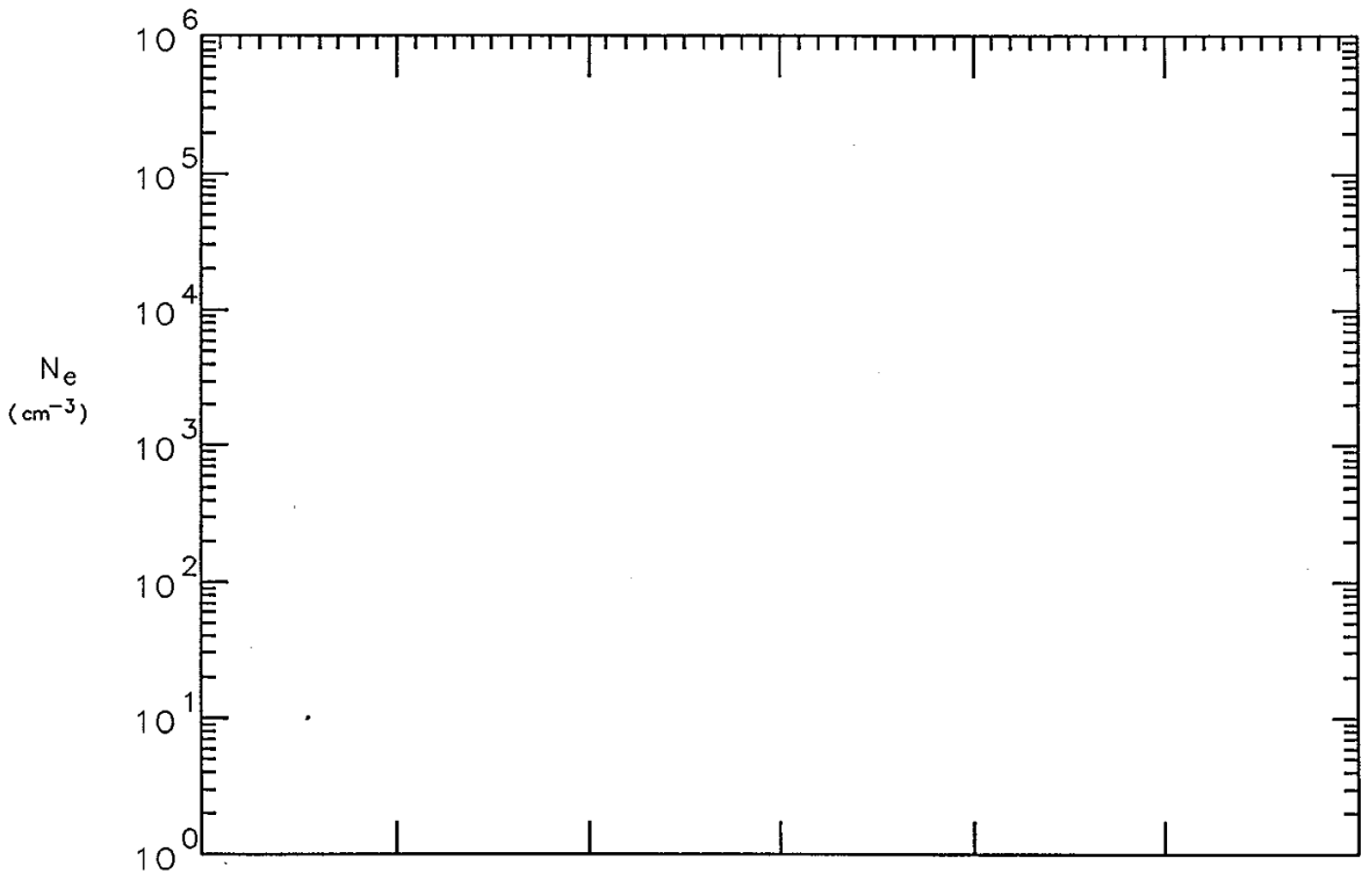
Universal Time, Day 80111

Ne hi-res Radial

Plotted:  
20-JUL-93  
17:57:54

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

secs  
hh:mm



Orbit  
502

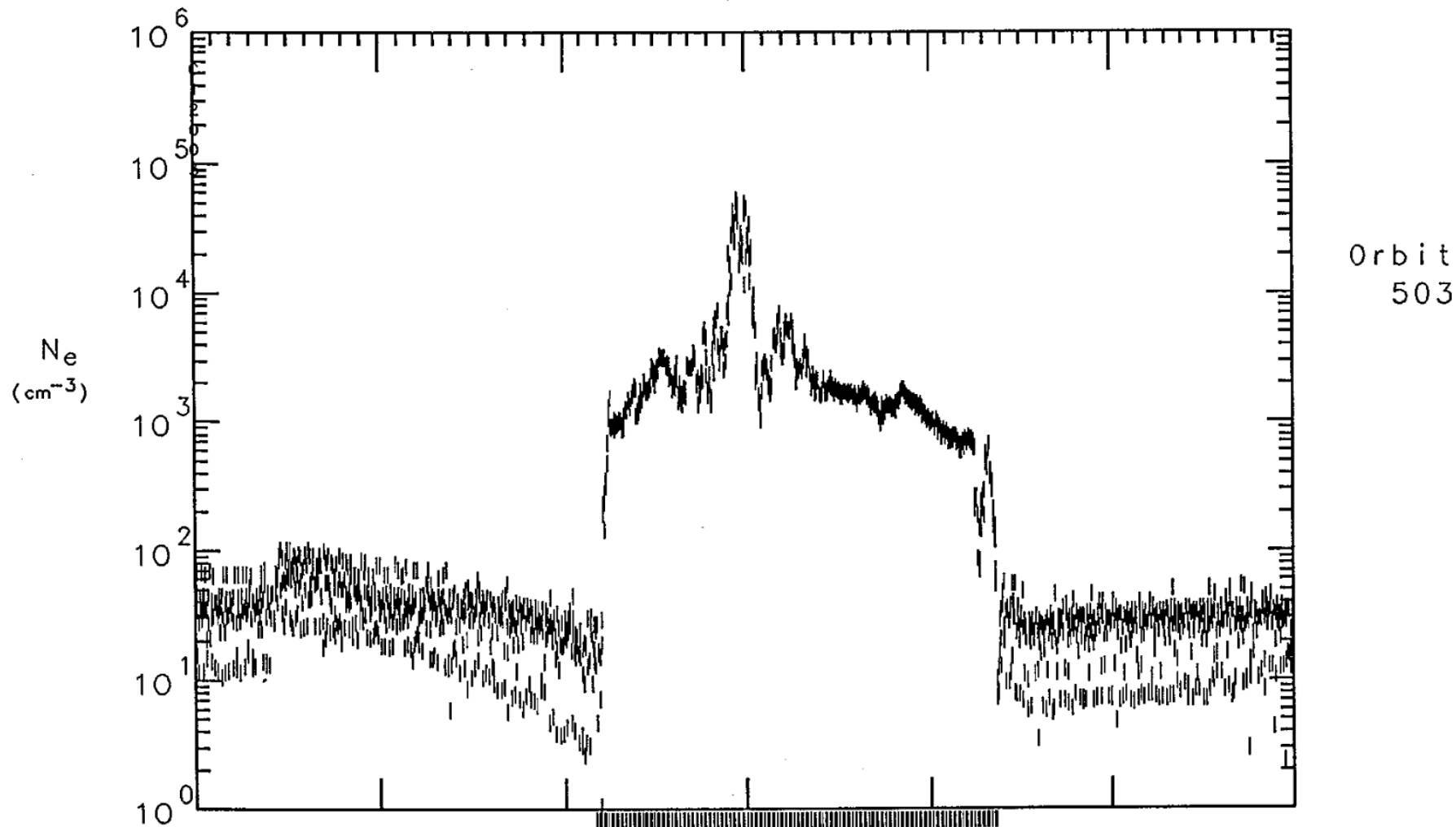
ALT	6357	3677	1274	159	1300	3712	6392	km
LAT	64	73	58	13	-32	-58	-71	deg
LONG	-34	-76	-147	-172	172	153	123	deg
SZA	66	81	107	145	141	118	104	deg
LST	12.4	15.1	20.1	21.8	22.8	23.9	1.8	hr

Universal Time, Day 80112

Ne hi-res Radial

Plotted:  
20-JUL-93  
18:01:01

37320	37920	38520	39120	39720	40320	40920	secs
10:22	10:32	10:42	10:52	11: 2	11:12	11:22	hh:mm



ALT	6261	3585	1206	165	1376	3806	6487	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-33	-78	-147	-171	173	154	123	deg
SZA	67	82	109	147	141	118	103	deg
LST	12.6	15.4	20.3	21.9	22.9	0.1	2.0	hr

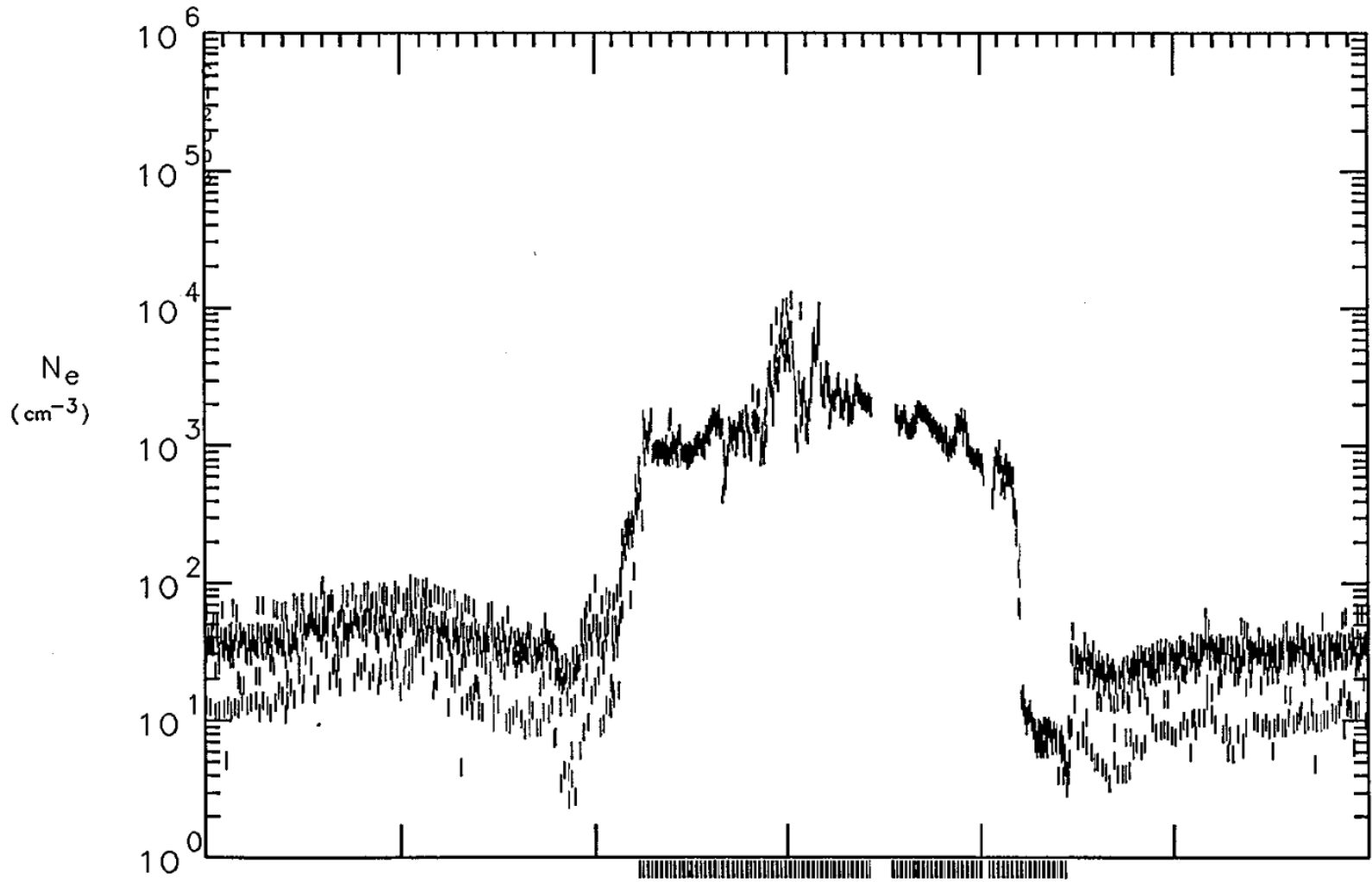
Ne hi-res Radial

Plotted:  
20-JUL-93  
18:08:50

Universal Time, Day 80113

37200	37800	38400	39000	39600	40200	40800
10:20	10:30	10:40	10:50	11: 0	11:10	11:20

secs
hh:mm



Orbit  
504

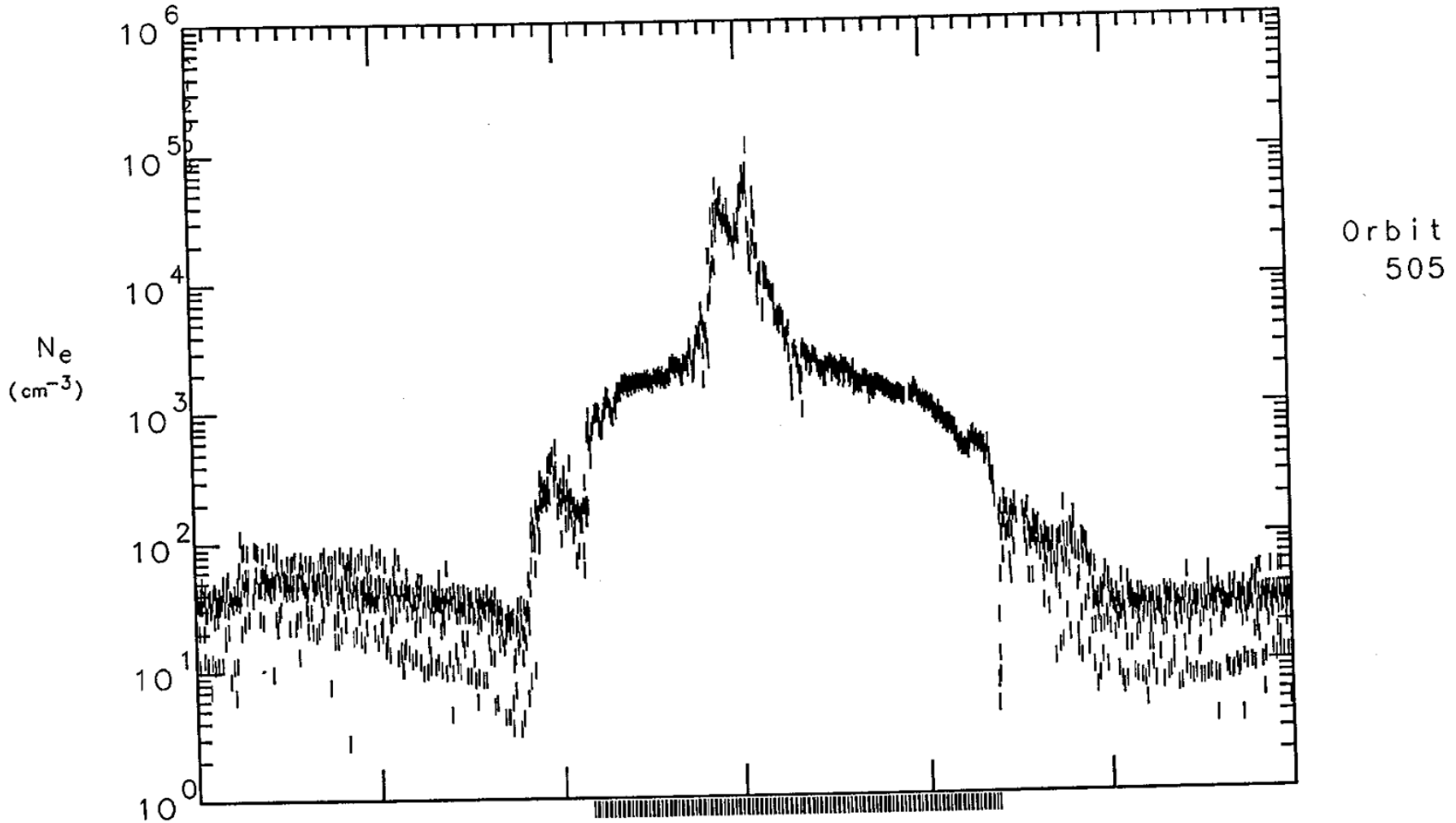
ALT	6434	3755	1338	168	1248	3637	6314	km
LAT	63	73	59	15	-31	-58	-70	deg
LONG	-31	-72	-143	-169	175	157	127	deg
SZA	66	81	108	147	143	119	103	deg
LST	12.6	15.2	20.2	22.0	23.0	0.1	1.9	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
18:16:45

Universal Time, Day 80114

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



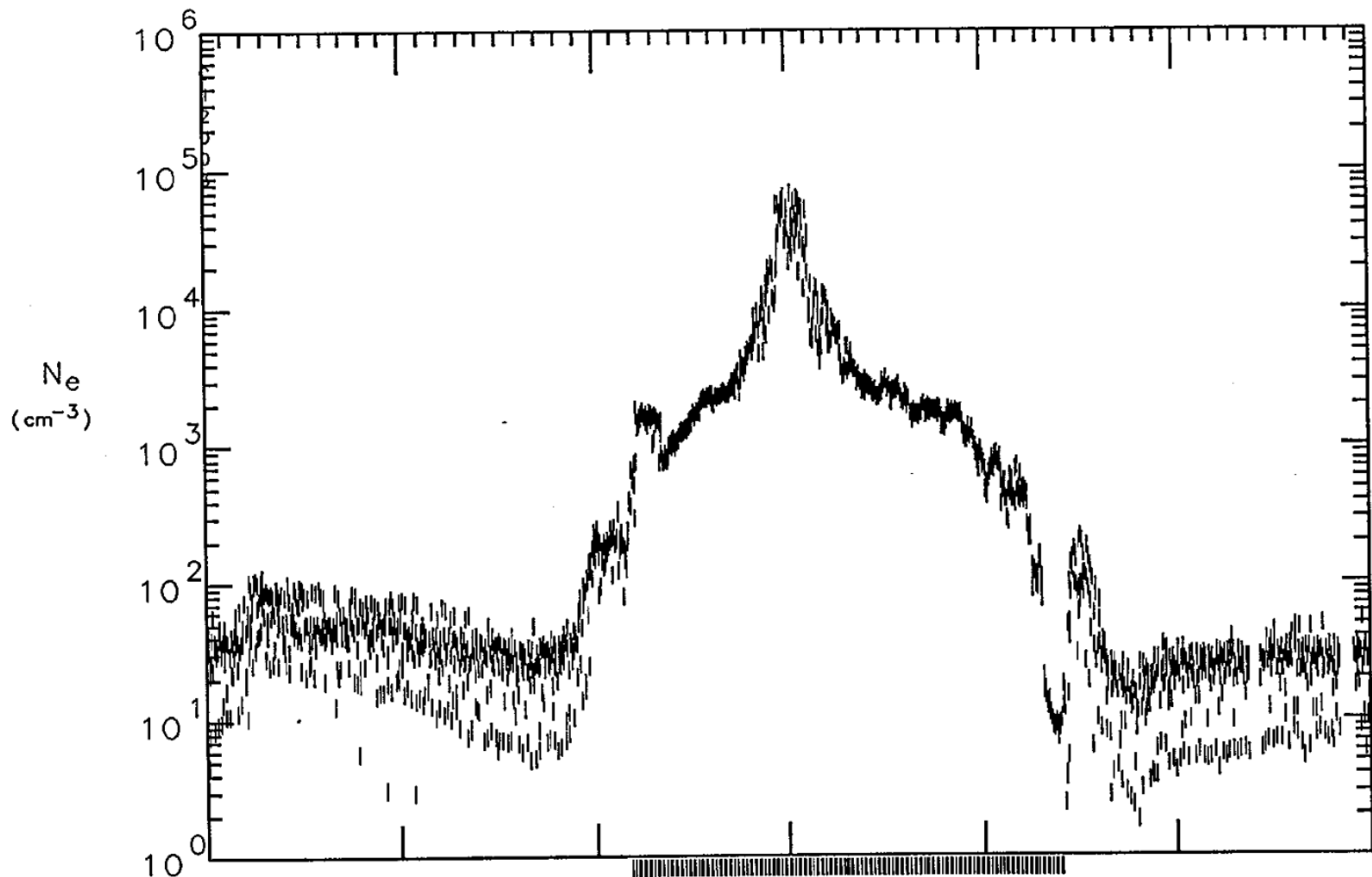
ALT	6280	3596	1204	143	1349	3785	6472	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-30	-74	-144	-168	176	157	126	deg
SZA	67	83	110	150	142	118	102	deg
LST	12.8	15.5	20.5	22.2	23.1	0.3	2.2	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
18:24:41

Universal Time, Day 80115

36960	37560	38160	38760	39360	39960	40560	secs
10:16	10:26	10:36	10:46	10:56	11: 6	11:16	hh:mm



Orbit  
506

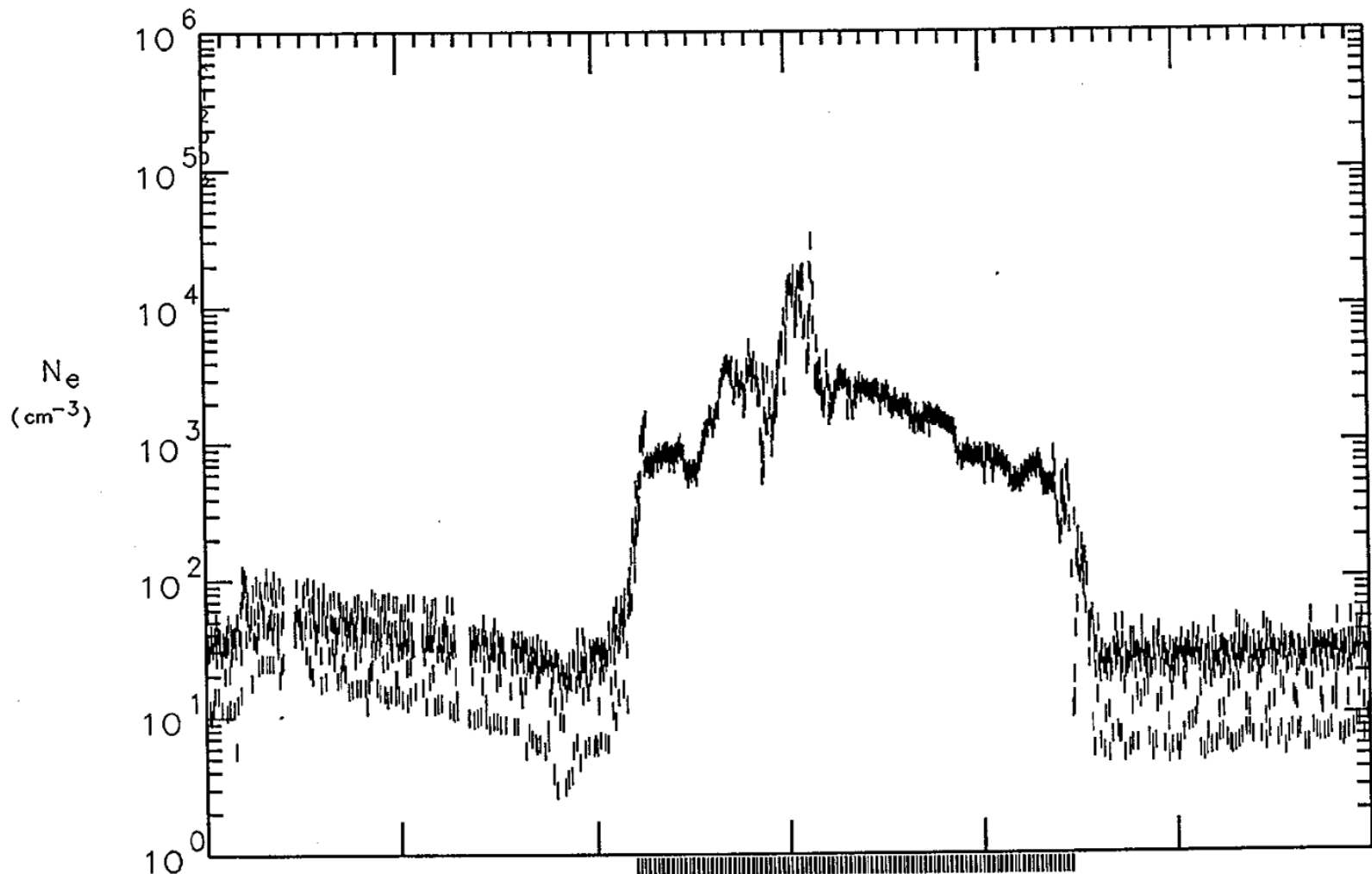
ALT	6388	3704	1288	145	1269	3678	6362	km
LAT	63	73	59	14	-31	-58	-71	deg
LONG	-28	-69	-141	-166	178	159	129	deg
SZA	66	82	110	150	144	118	103	deg
LST	12.9	15.4	20.5	22.2	23.2	0.4	2.2	hr

Ne hi-res Radiol

Plotted:  
20-JUL-93  
18:32:20

Universal Time, Day 80116

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



Orbit  
507

ALT	6488	3804	1368	152	1197	3581	6261	km
LAT	63	73	60	16	-30	-58	-70	deg
LONG	-26	-65	-138	-164	-179	161	132	deg
SZA	66	82	109	150	146	119	103	deg
LST	12.9	15.4	20.4	22.3	23.3	0.4	2.2	hr



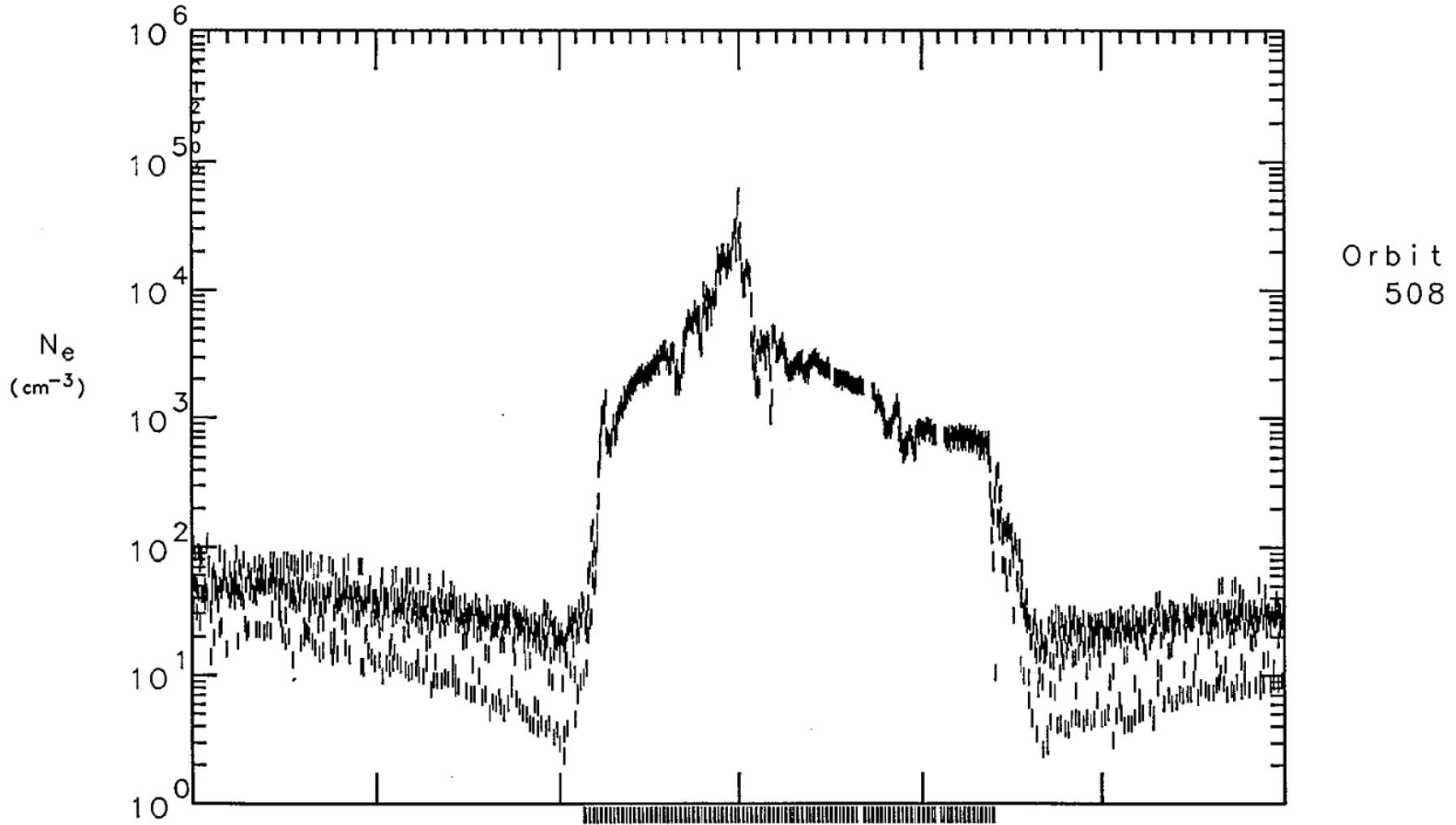
Universal Time, Day 80117

Ne hi-res Radial

Plotted:  
20-JUL-93  
18:40:10

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

secs  
hh:mm



ALT	6316	3636	1241	155	1328	3750	6433	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	-26	-69	-139	-164	-179	161	131	deg
SZA	67	84	112	154	144	118	102	deg
LST	13.1	15.8	20.8	22.5	23.4	0.6	2.5	hr

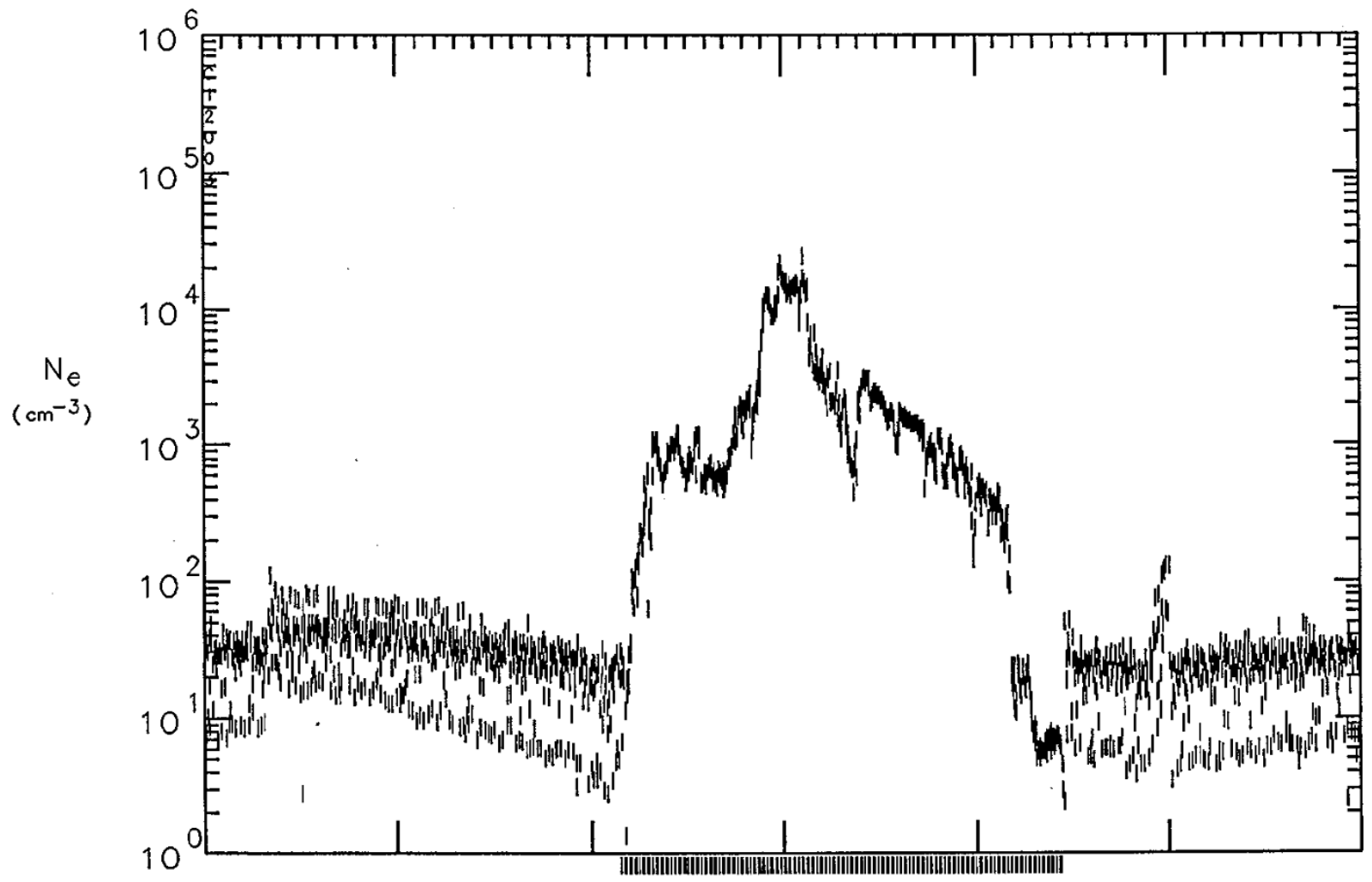
Ne hi-res Radial

Plotted:  
20-JUL-93  
18:47:59

Universal Time, Day 80118

36480	37080	37680	38280	38880	39480	40080
10: 8	10:18	10:28	10:38	10:48	10:58	11: 8

secs
hh:mm



Orbit  
509

ALT	6407	3727	1312	159	1262	3661	6341	km
LAT	63	73	59	14	-31	-58	-70	deg
LONG	-24	-65	-136	-162	-177	164	134	deg
SZA	67	83	111	154	145	118	102	deg
LST	13.2	15.8	20.8	22.5	23.5	0.7	2.5	hr

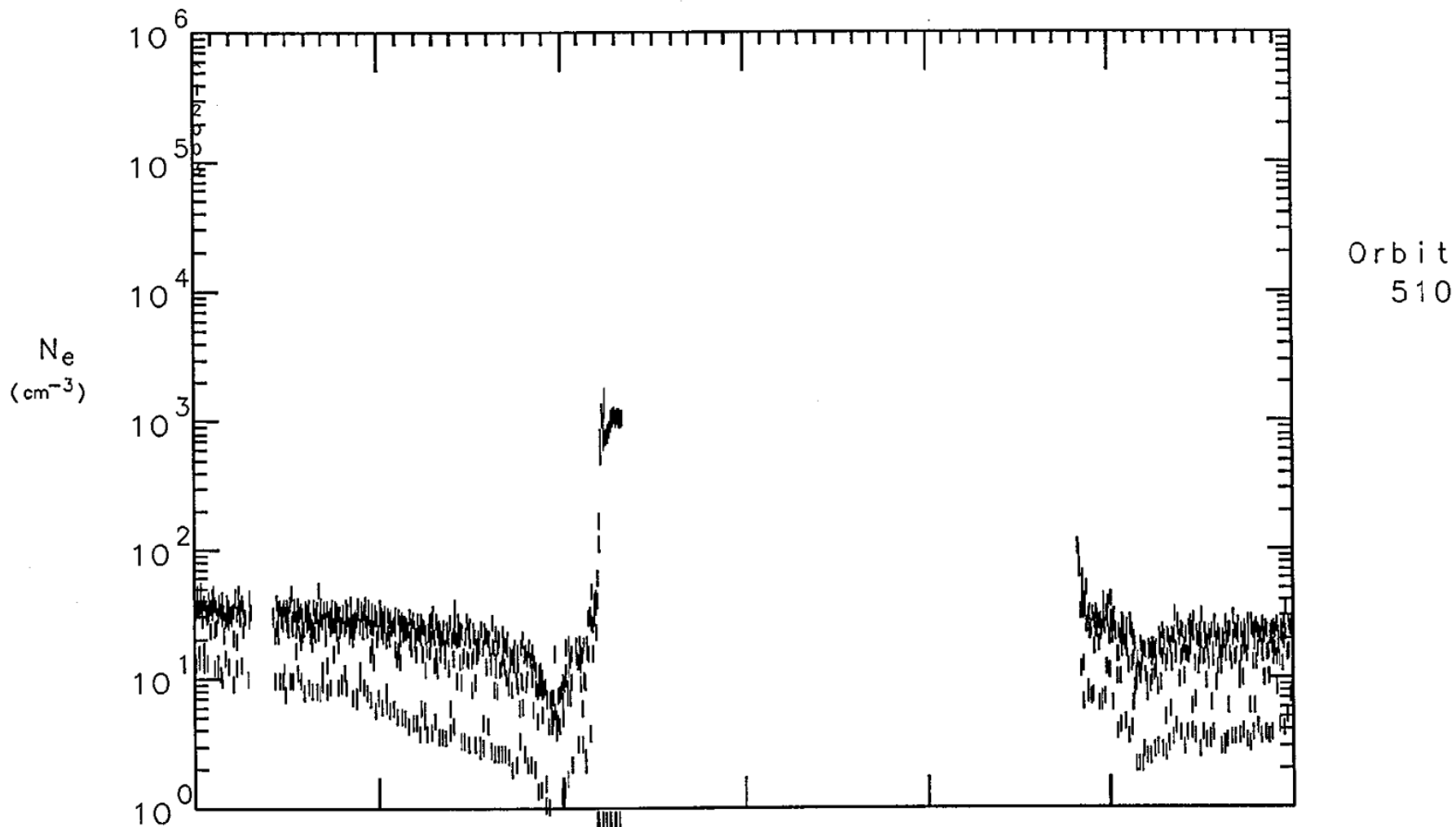
Ne hi-res Radial

Plotted:  
20-JUL-93  
18:55:57

Universal Time, Day 80119

36300	36900	37500	38100	38700	39300	39900
10: 5	10:15	10:25	10:35	10:45	10:55	11: 5

secs  
hh:mm



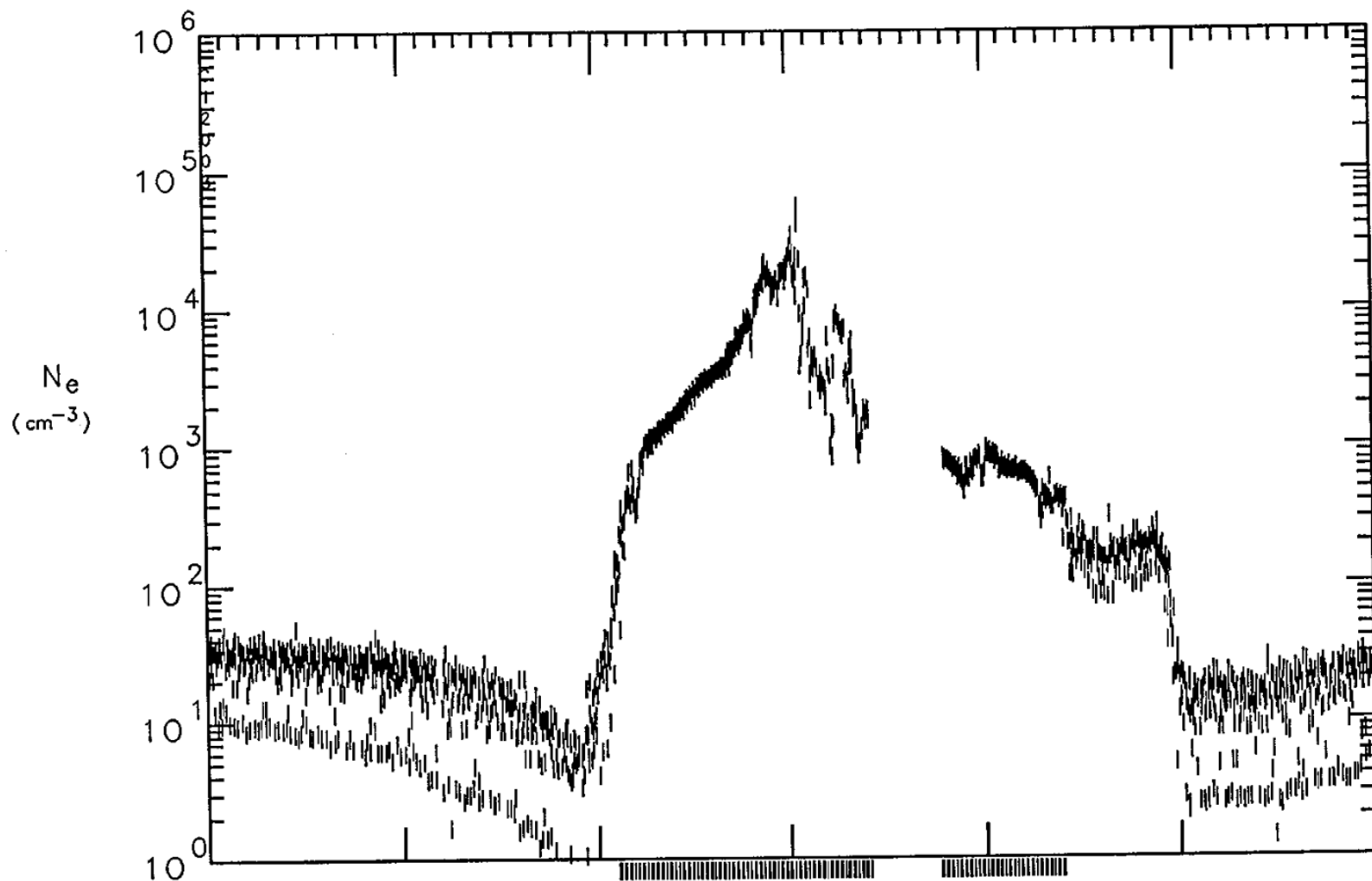
ALT	6496	3816	1384	166	1199	3575	6251	km
LAT	63	72	60	16	-30	-57	-70	deg
LONG	-22	-61	-133	-160	-175	166	136	deg
SZA	67	83	111	154	147	119	102	deg
LST	13.3	15.7	20.8	22.6	23.6	0.7	2.6	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:01:40

Universal Time, Day 80120

36180	36780	37380	37980	38580	39180	39780	secs
10: 3	10:13	10:23	10:33	10:43	10:53	11: 3	hh:mm



Orbit  
511

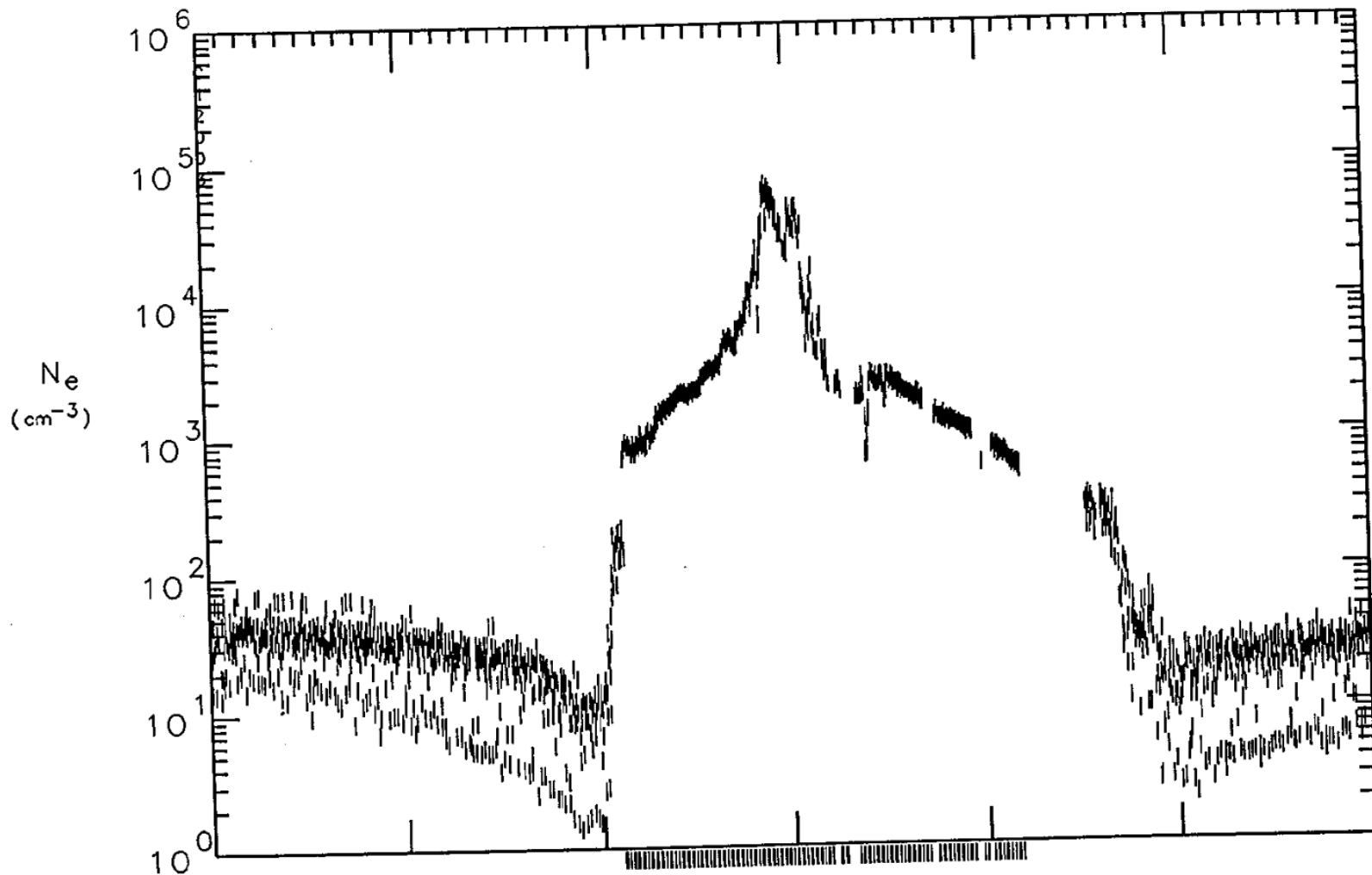
ALT	6317	3641	1251	168	1335	3751	6429	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	-22	-65	-135	-159	-174	166	136	deg
SZA	68	85	114	158	145	117	101	deg
LST	13.5	16.2	21.1	22.8	23.8	0.9	2.8	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:09:36

Universal Time, Day 80121

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



Orbit  
512

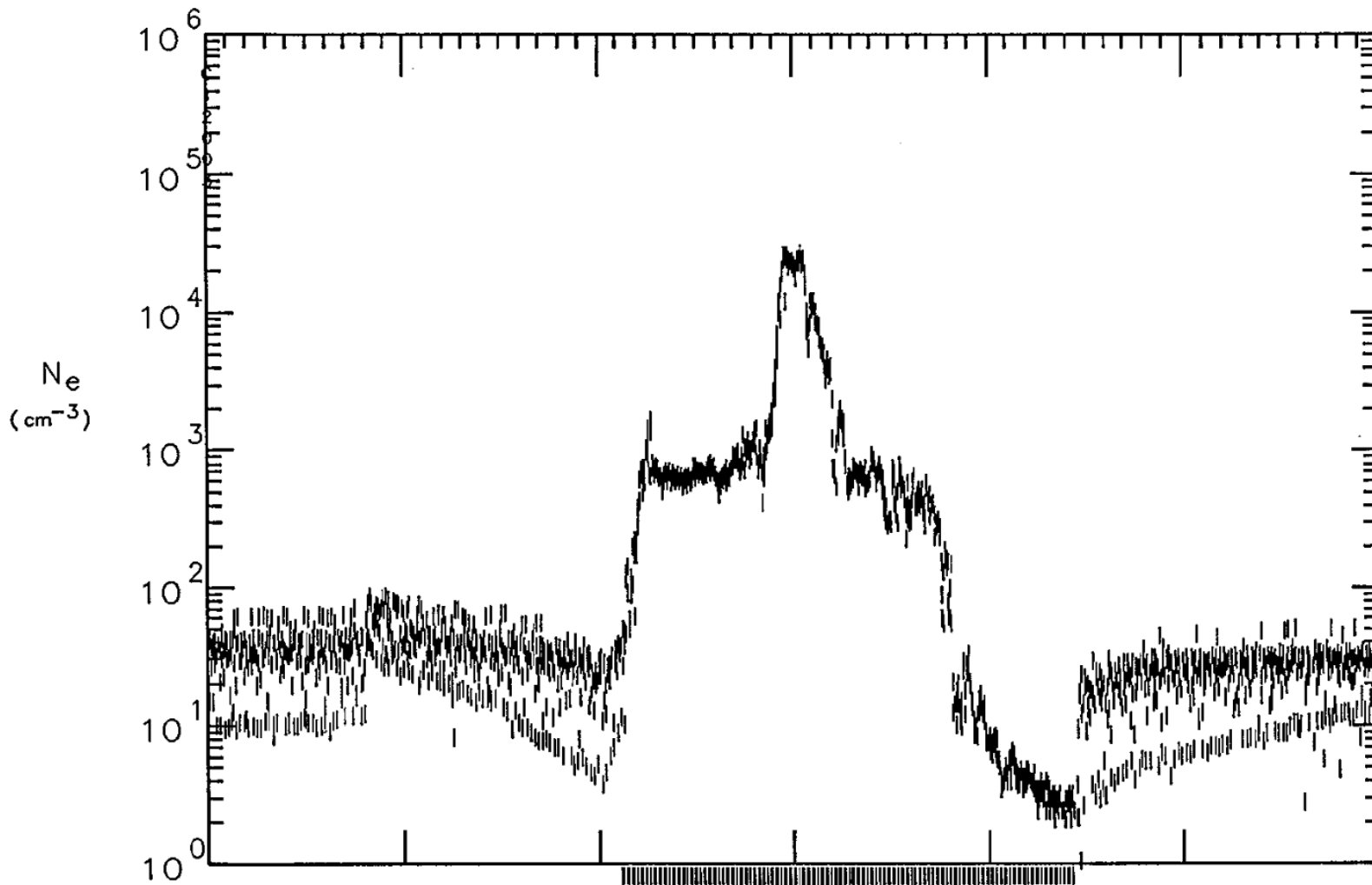
ALT	6343	3658	1251	141	1300	3722	6408	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	-20	-62	-132	-158	-173	167	136	deg
SZA	68	85	114	159	145	117	100	deg
LST	13.5	16.2	21.1	22.9	23.9	1.1	3.0	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:17:15

Universal Time, Day 80122

35760	36360	36960	37560	38160	38760	39360	secs
9:56	10: 6	10:16	10:26	10:36	10:46	10:56	hh:mm



Orbit  
513

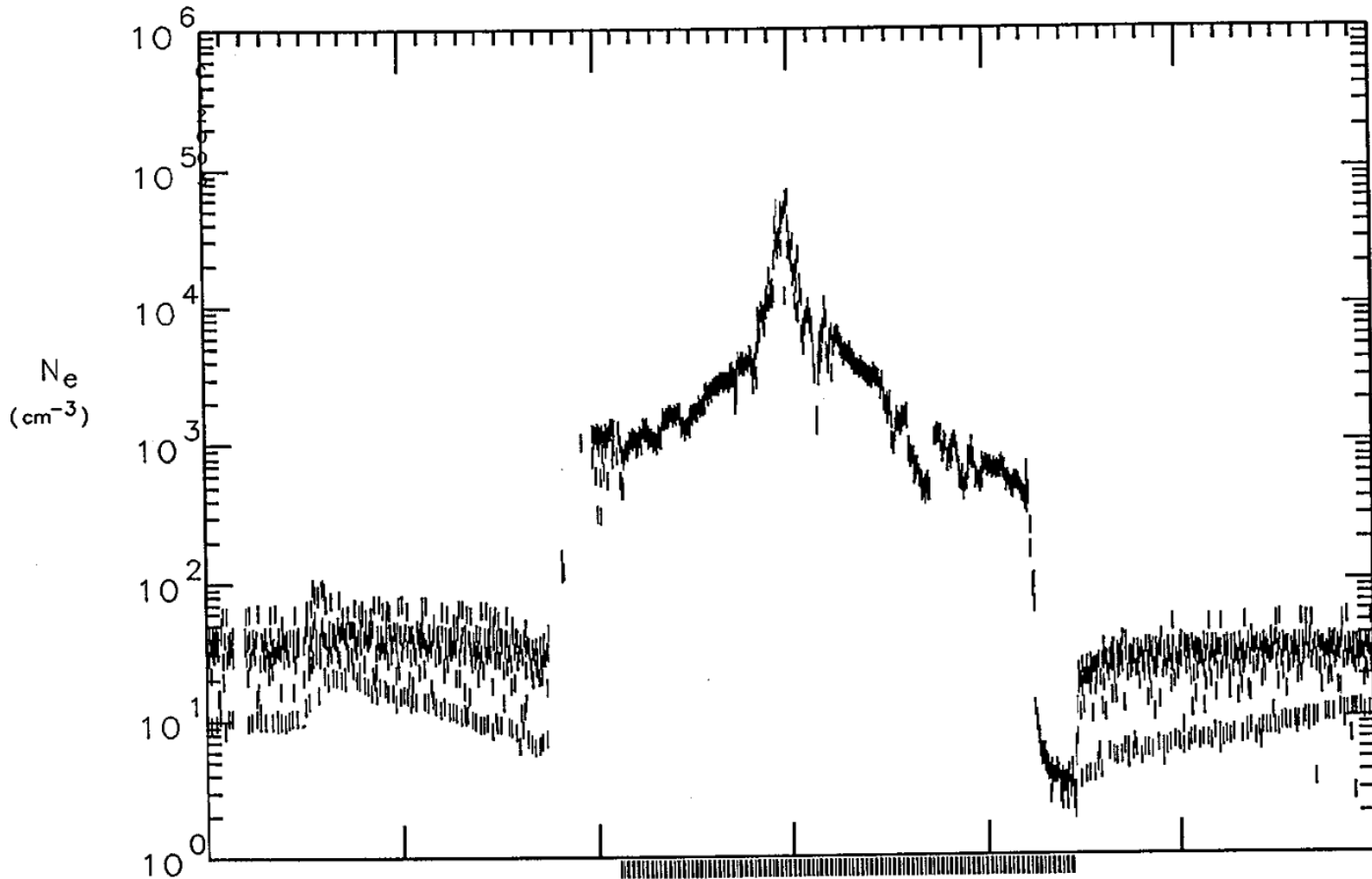
ALT	6395	3711	1293	145	1263	3671	6354	km
LAT	63	73	59	14	-31	-58	-70	deg
LONG	-18	-59	-130	-156	-171	169	139	deg
SZA	68	85	114	159	146	117	100	deg
LST	13.6	16.2	21.2	23.0	24.0	1.1	3.0	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:24:49

Universal Time, Day 80123

35520	36120	36720	37320	37920	38520	39120	secs
9:52	10: 2	10:12	10:22	10:32	10:42	10:52	hh:mm



Orbit  
514

ALT	6429	3746	1323	150	1240	3638	6319	km
LAT	63	72	59	15	-31	-58	-70	deg
LONG	-16	-57	-128	-154	-169	171	141	deg
SZA	68	85	114	160	147	117	100	deg
LST	13.7	16.3	21.3	23.1	0.1	1.2	3.1	hr

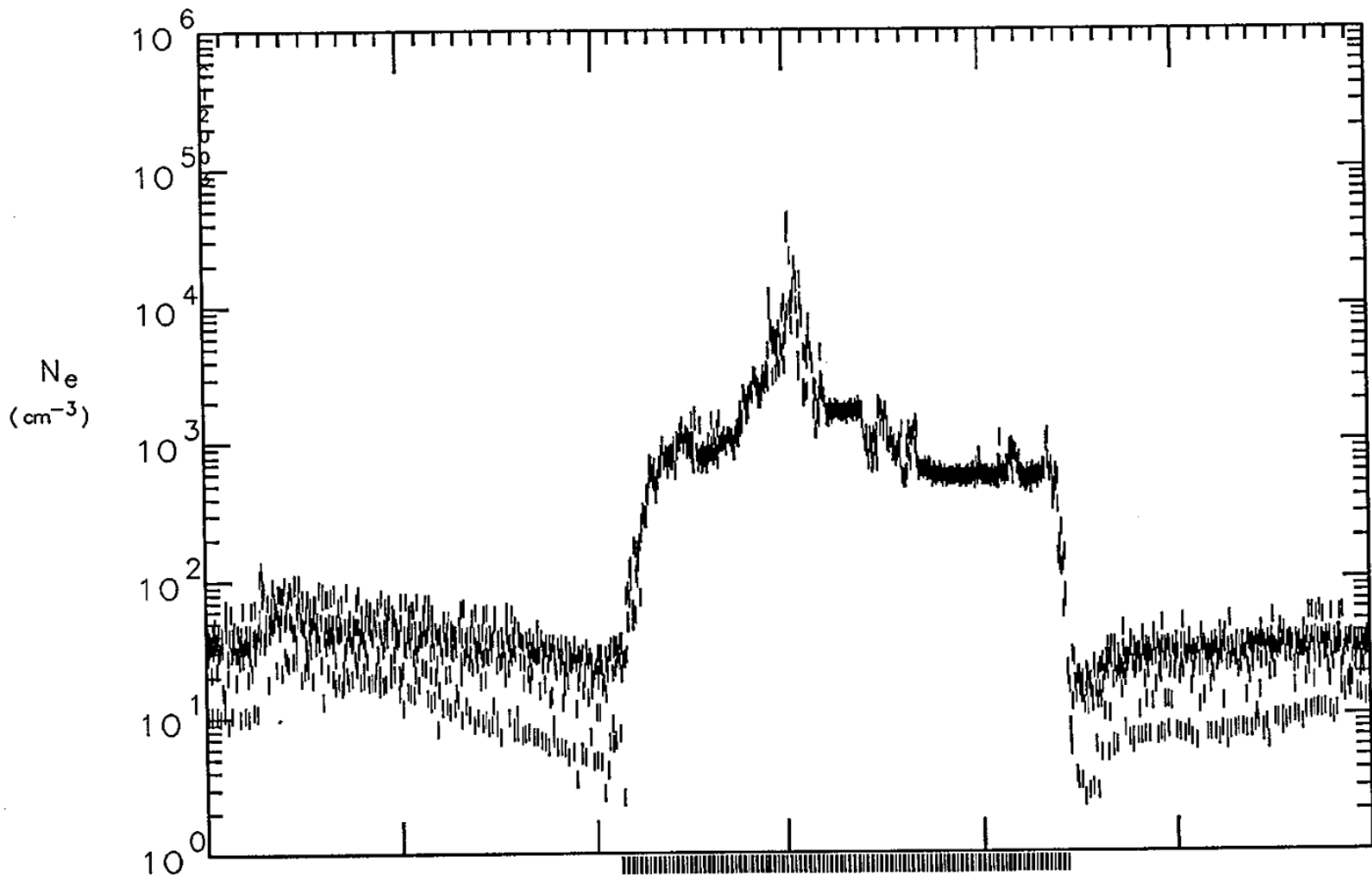
Universal Time, Day 80124

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:32:38

35280	35880	36480	37080	37680	38280	38880
9:48	9:58	10: 8	10:18	10:28	10:38	10:48

secs  
hh:mm



Orbit  
515

ALT	6458	3776	1348	155	1221	3610	6289	km
LAT	63	72	59	15	-30	-58	-70	deg
LONG	-15	-55	-126	-152	-168	173	143	deg
SZA	68	85	114	161	147	117	100	deg
LST	13.8	16.3	21.3	23.2	0.2	1.3	3.2	hr

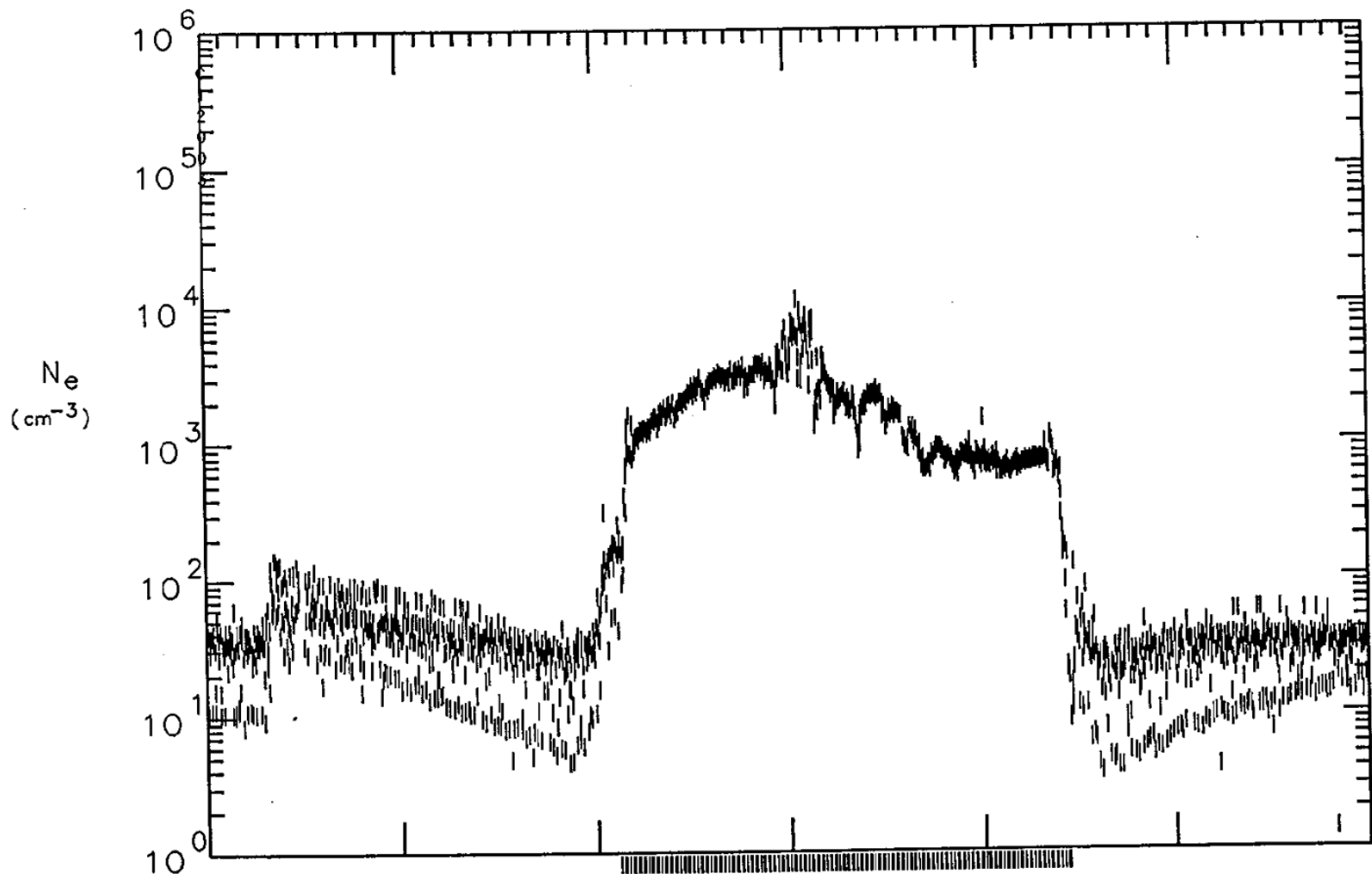


Universal Time, Day 80125

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:40:42

35040	35640	36240	36840	37440	38040	38640	secs
9:44	9:54	10: 4	10:14	10:24	10:34	10:44	hh:mm



Orbit  
516

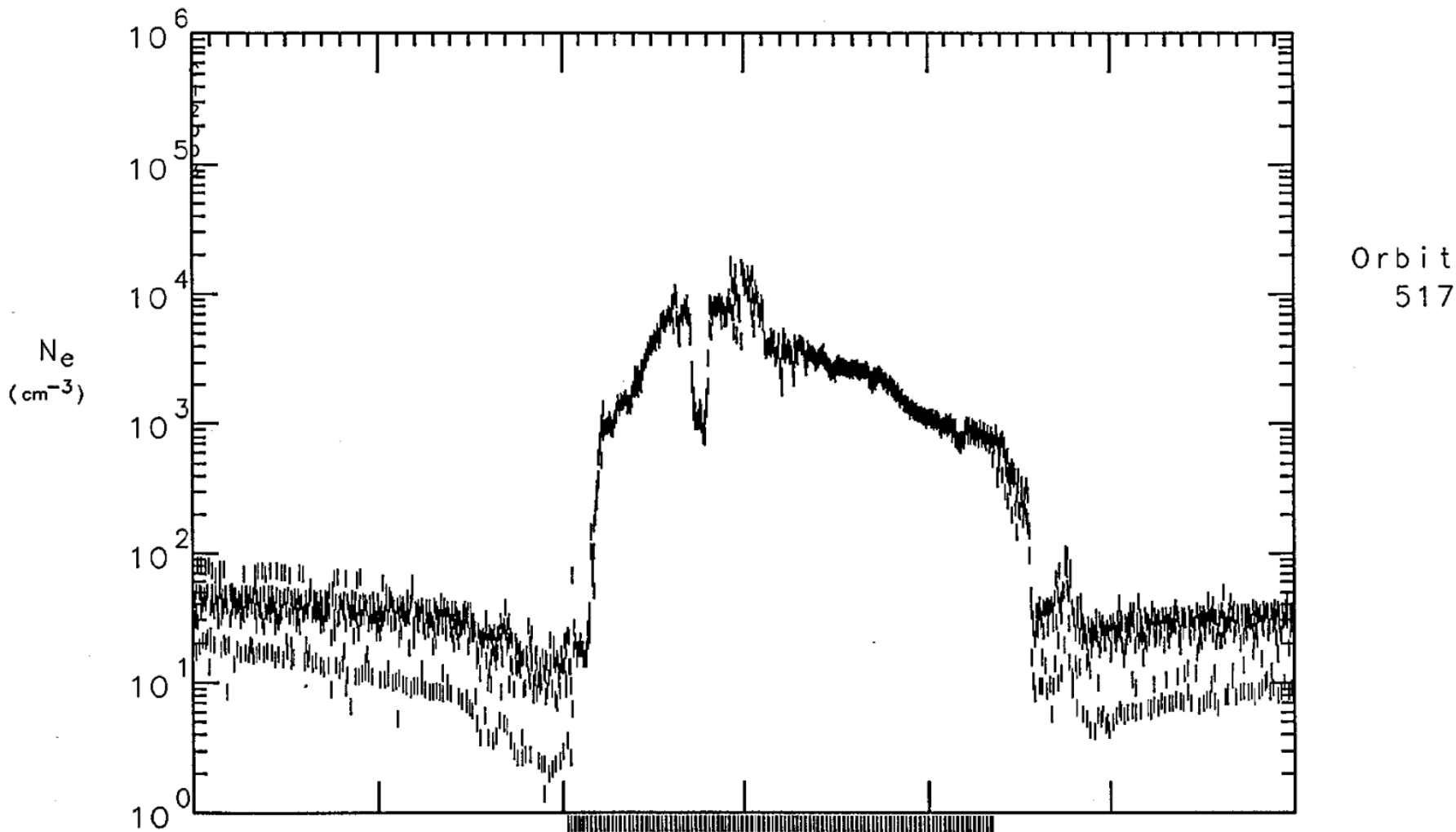
ALT	6485	3804	1372	160	1203	3583	6261	km
LAT	63	72	60	16	-30	-58	-70	deg
LONG	-13	-53	-124	-151	-166	174	145	deg
SZA	69	85	114	161	147	117	100	deg
LST	13.9	16.4	21.4	23.3	0.2	1.4	3.2	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:48:39

Universal Time, Day 80126

34860	35460	36060	36660	37260	37860	38460	secs
9:41	9:51	10: 1	10:11	10:21	10:31	10:41	hh:mm



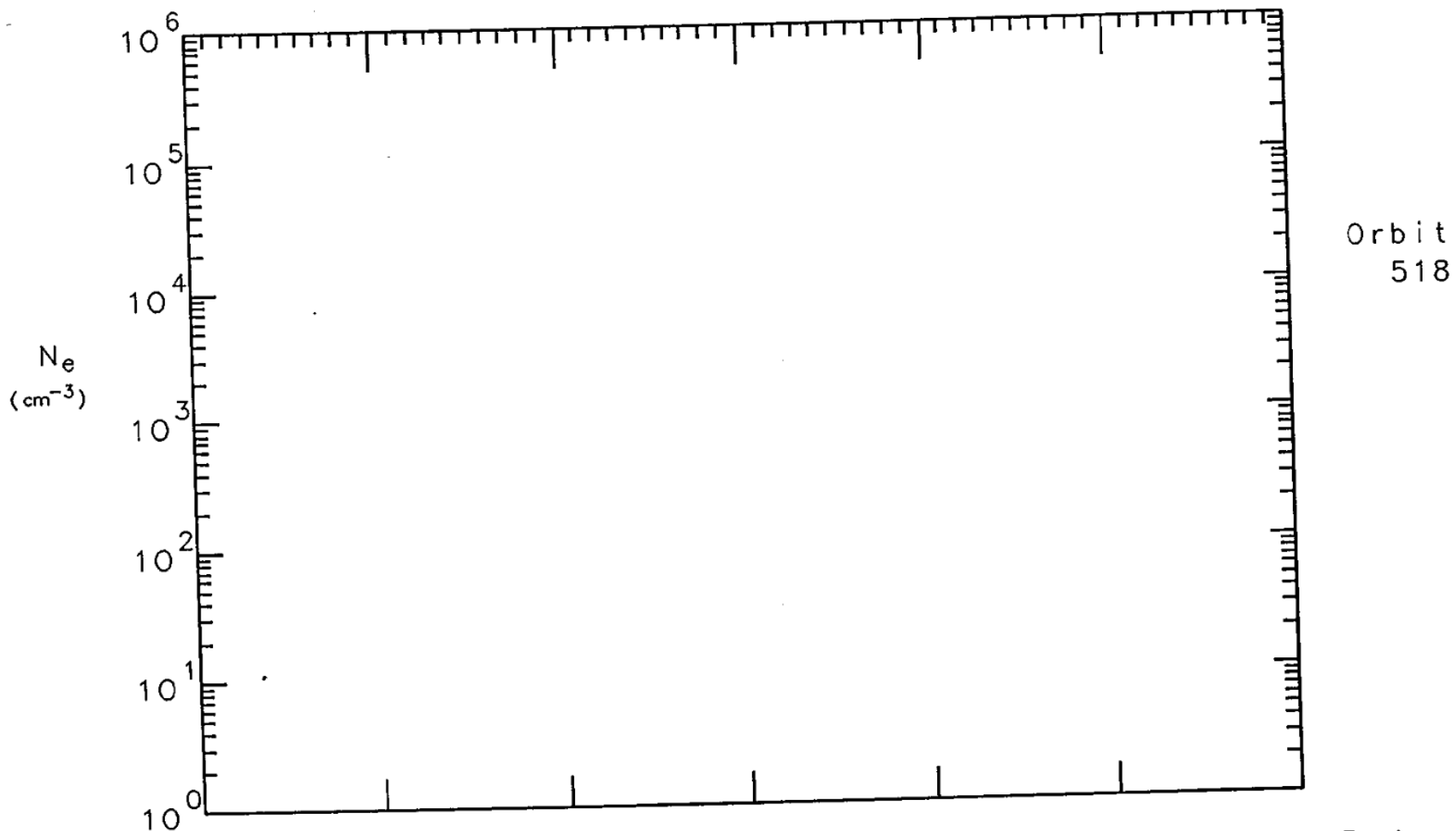
ALT	6245	3569	1194	165	1387	3820	6501	km
LAT	64	73	57	11	-33	-59	-71	deg
LONG	-14	-58	-127	-151	-166	174	143	deg
SZA	70	88	118	166	144	115	98	deg
LST	14.2	17.0	21.8	23.5	0.4	1.7	3.6	hr

Ne hi-res Radiol

Plotted:  
20-JUL-93  
19:56:30

Universal Time, Day 80127

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



ALT	6272	3597	1217	168	1368	3794	6473	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-12	-56	-125	-149	-164	175	145	deg
SZA	70	88	118	167	144	115	98	deg
LST	14.3	17.0	21.9	23.6	0.5	1.7	3.6	hr

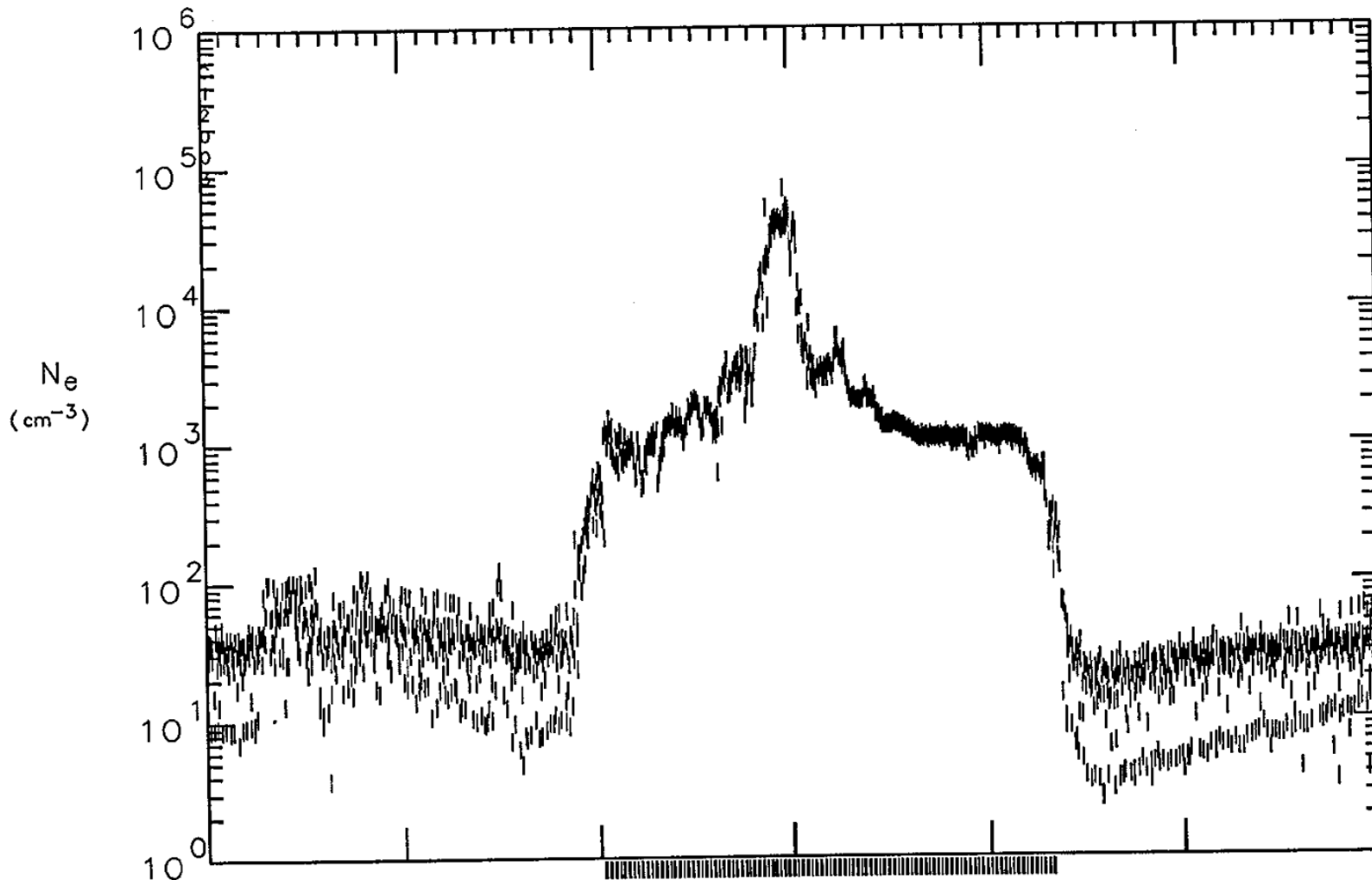
Universal Time, Day 80128

Ne hi-res Radial

Plotted:  
20-JUL-93  
19:58:27

34380	34980	35580	36180	36780	37380	37980
9:33	9:43	9:53	10: 3	10:13	10:23	10:33

secs  
hh:mm



Orbit  
519

ALT	6241	3558	1176	144	1377	3822	6508	km
LAT	64	73	57	11	-34	-59	-71	deg
LONG	-11	-55	-124	-148	-163	176	145	deg
SZA	71	89	119	168	143	114	97	deg
LST	14.4	17.2	22.0	23.7	0.7	1.9	3.8	hr

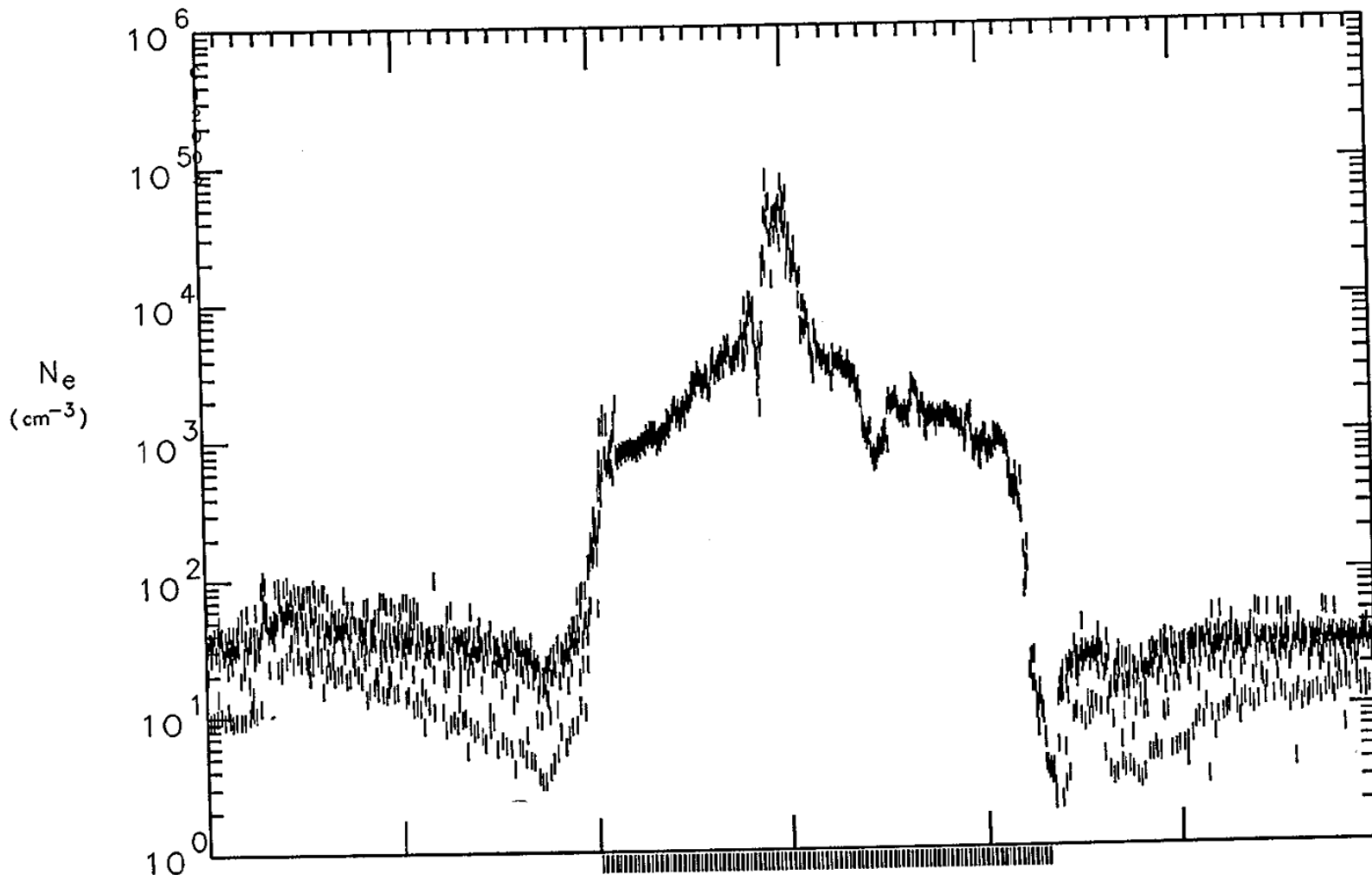
Ne hi-res Radial

Plotted:  
20-JUL-93  
20:06:29

Universal Time, Day 80129

34080	34680	35280	35880	36480	37080	37680
9:28	9:38	9:48	9:58	10: 8	10:18	10:28

secs  
hh:mm



Orbit  
520

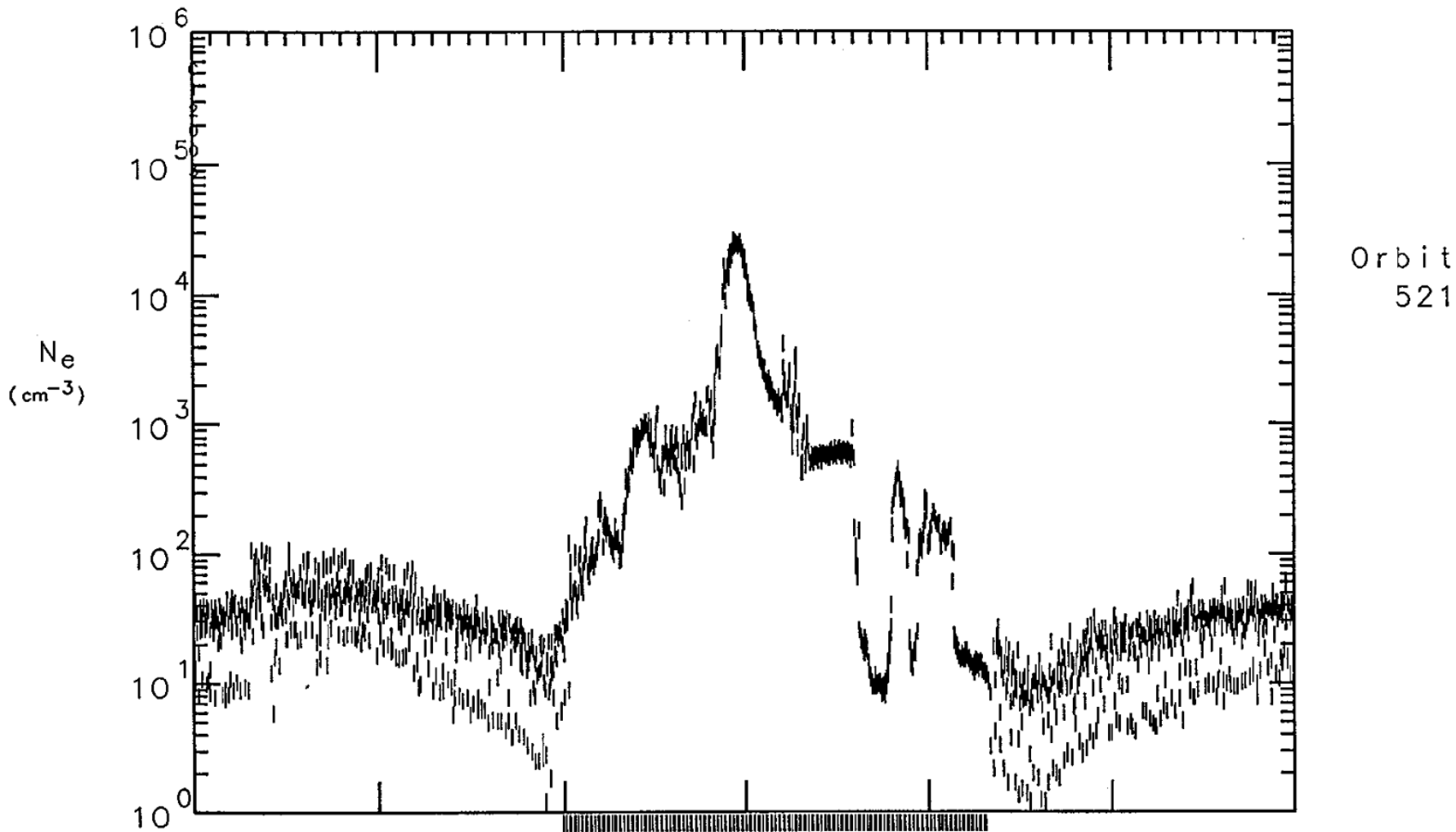
ALT	6266	3584	1197	147	1360	3797	6483	km
LAT	64	73	57	11	-33	-59	-71	deg
LONG	-9	-53	-122	-146	-162	178	147	deg
SZA	72	89	120	169	142	113	96	deg
LST	14.5	17.2	22.1	23.8	0.8	2.0	3.9	hr

Ne hi-res Radial

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

Universal Time, Day 80130

33780	34380	34980	35580	36180	36780	37380	secs
9:23	9:33	9:43	9:53	10: 3	10:13	10:23	hh:mm



Orbit  
521

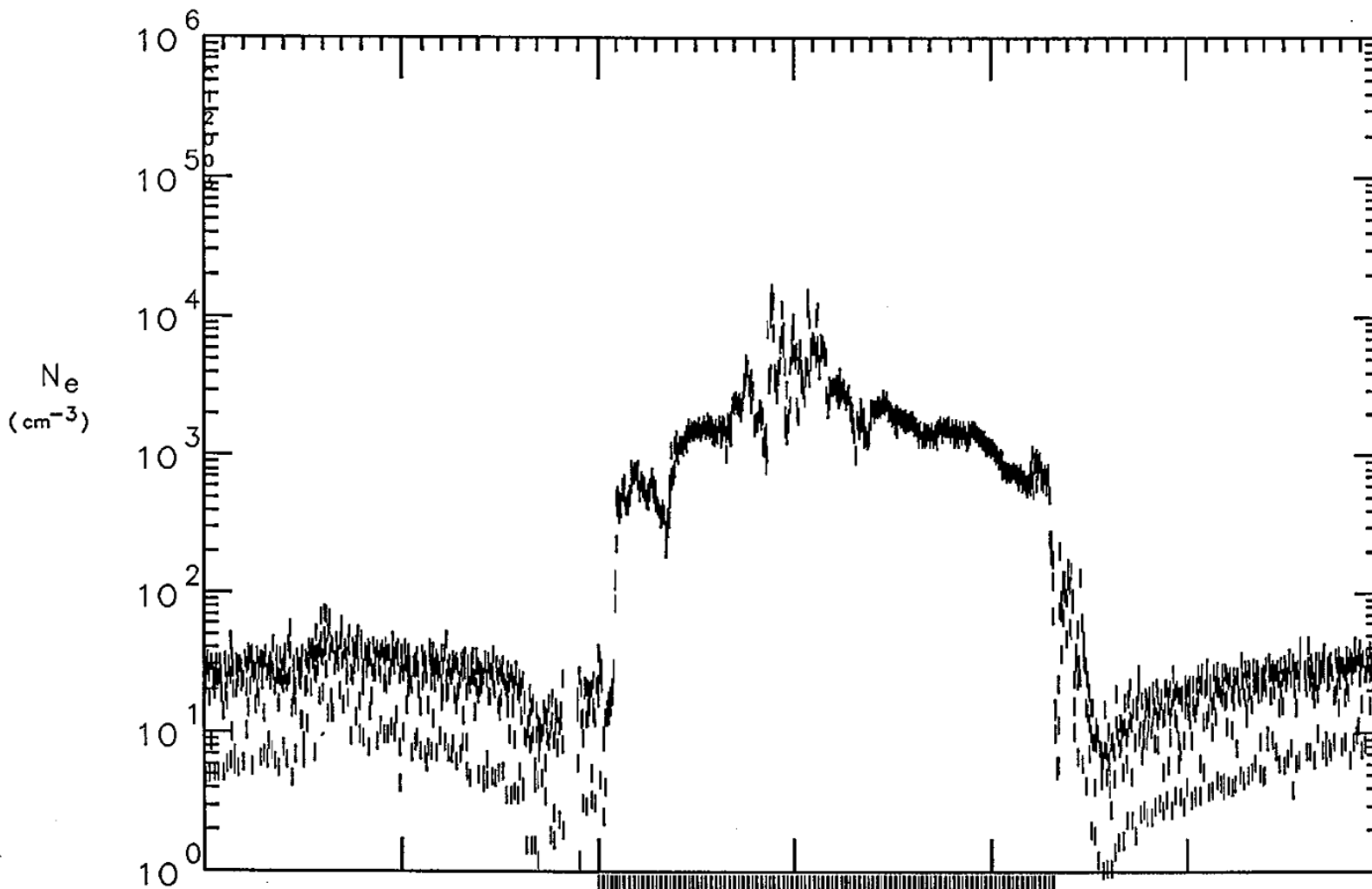
ALT	6281	3600	1211	150	1351	3783	6467	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-7	-51	-120	-145	-160	-179	149	deg
SZA	72	90	120	169	142	113	96	deg
LST	14.6	17.3	22.2	23.9	0.9	2.1	4.0	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
20:22:07

Universal Time, Day 80131

33480	34080	34680	35280	35880	36480	37080	secs
9:18	9:28	9:38	9:48	9:58	10: 8	10:18	hh:mm



Orbit  
522

ALT	6291	3610	1221	153	1345	3774	6457	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-6	-50	-119	-143	-158	-178	150	deg
SZA	72	89	120	168	142	113	96	deg
LST	14.7	17.4	22.3	24.0	1.0	2.2	4.1	hr

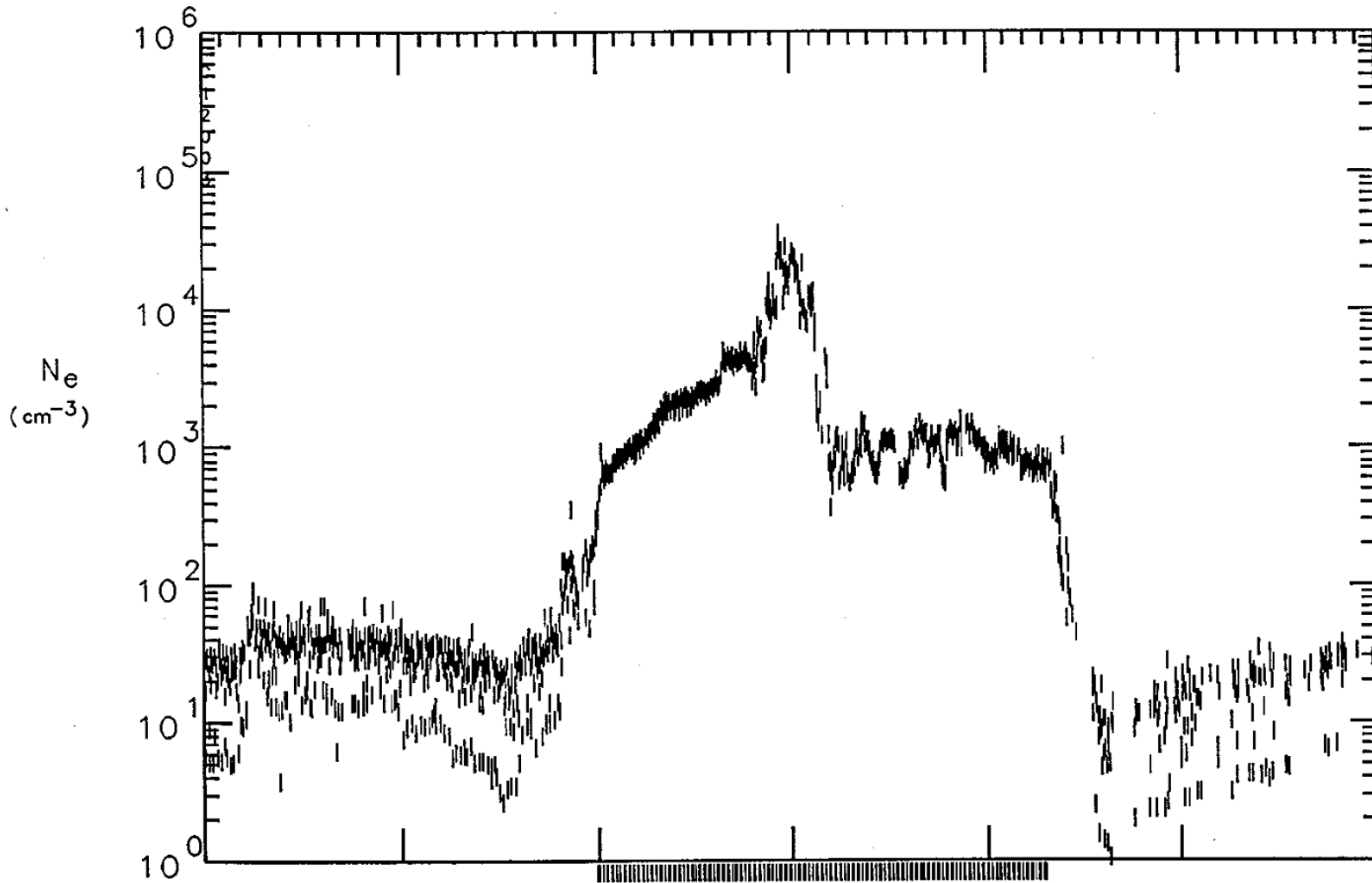
Universal Time, Day 80132

Ne hi-res Radial

Plotted:  
20-JUL-93  
20:30:05

33180	33780	34380	34980	35580	36180	36780
9:13	9:23	9:33	9:43	9:53	10: 3	10:13

secs
hh:mm



Orbit  
523

ALT	6298	3619	1229	156	1341	3766	6448	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-4	-48	-117	-142	-157	-176	152	deg
SZA	73	91	121	169	141	112	95	deg
LST	14.8	17.5	22.4	0.1	1.1	2.3	4.2	hr



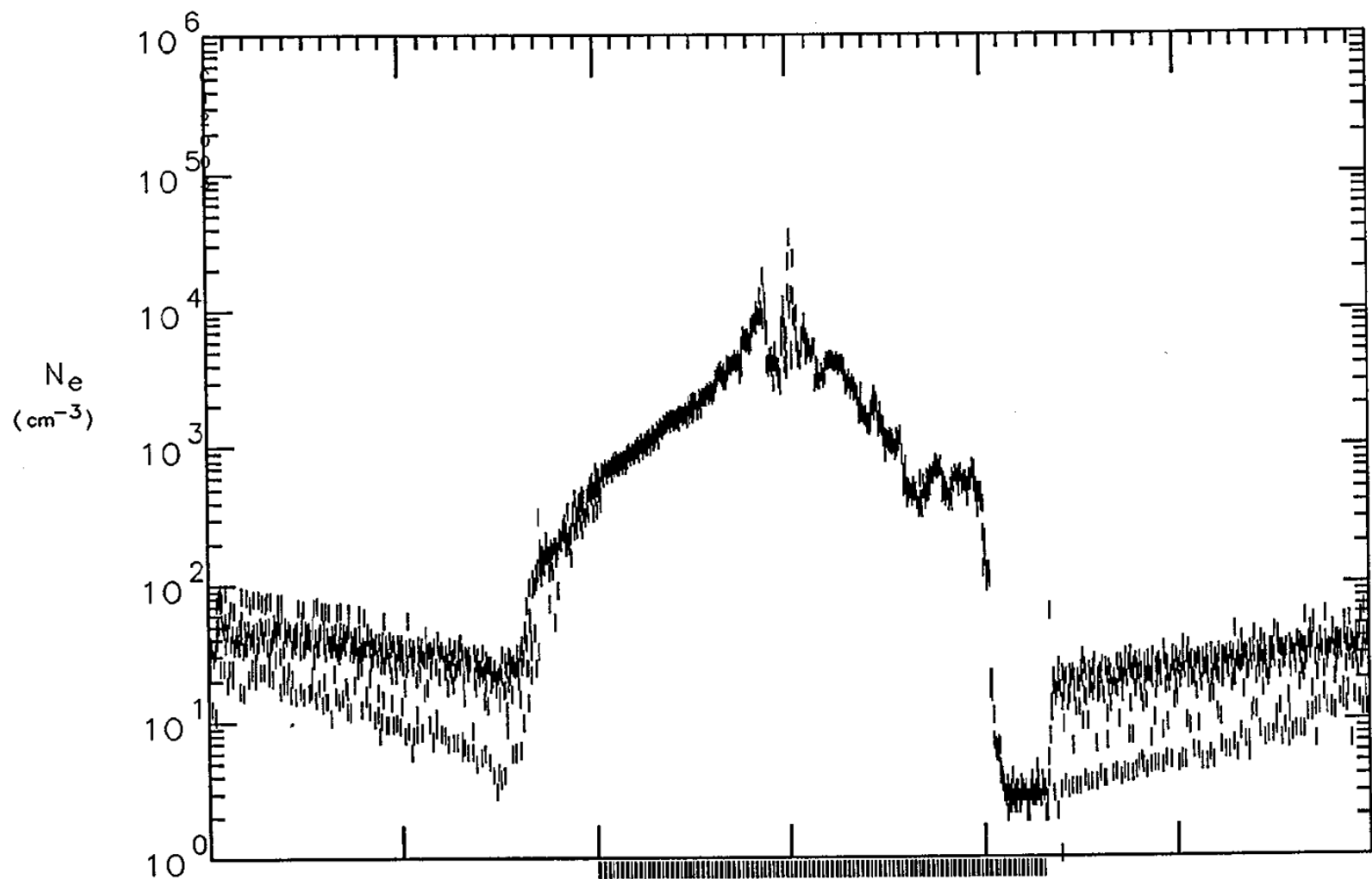
Universal Time, Day 80133

Ne hi-res Radial

Plotted:  
20-JUL-93  
20:37:14

32880	33480	34080	34680	35280	35880	36480
9: 8	9:18	9:28	9:38	9:48	9:58	10: 8

secs  
hh:mm



Orbit  
524

ALT	6300	3622	1233	160	1342	3765	6445	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-3	-47	-116	-140	-155	-175	153	deg
SZA	73	90	120	168	141	112	95	deg
LST	14.9	17.6	22.5	0.2	1.2	2.4	4.3	hr

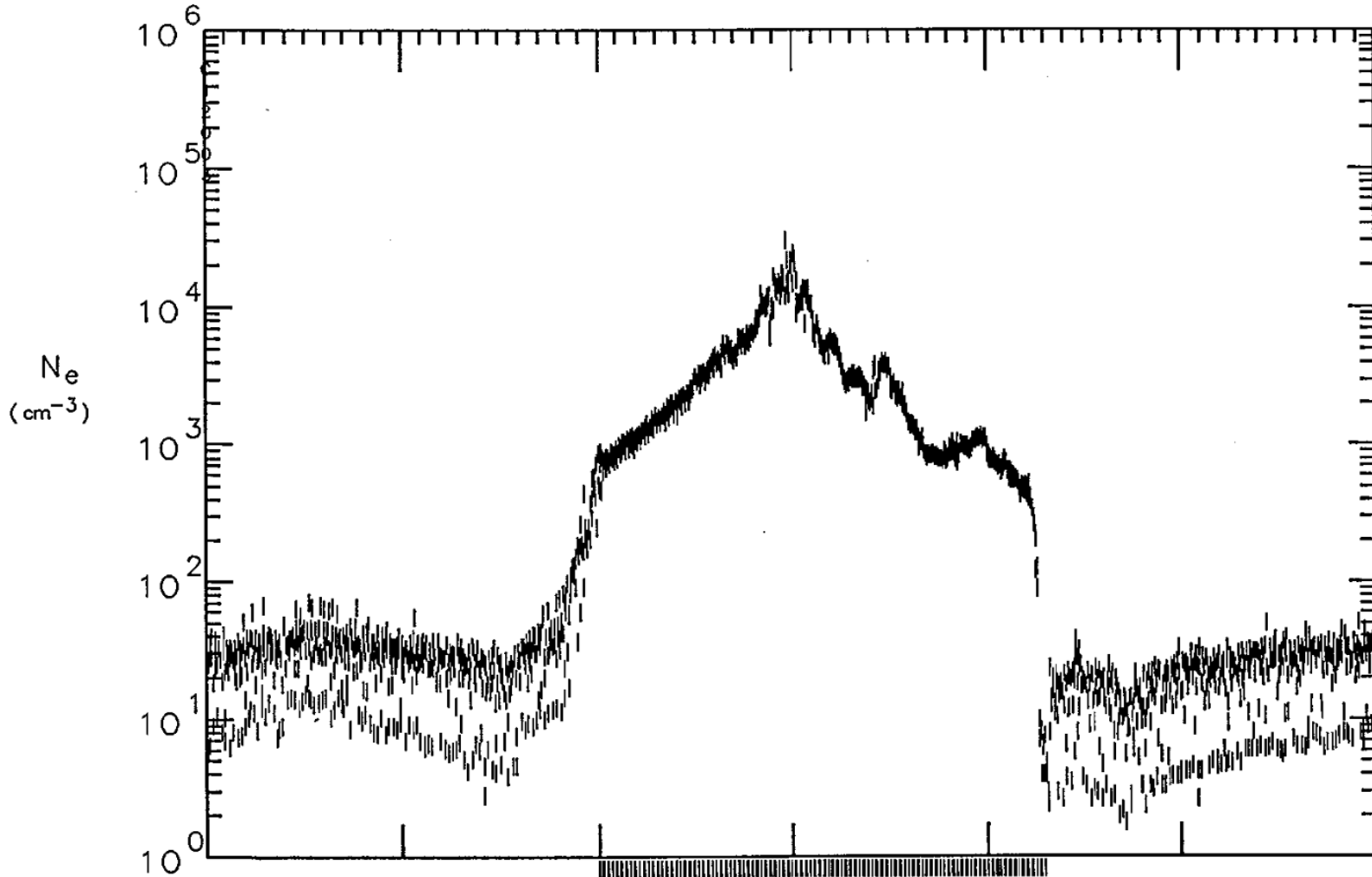
Ne hi-res Radial

Plotted:  
20-JUL-93  
20:45:13

Universal Time, Day 80134

32580	33180	33780	34380	34980	35580	36180
9: 3	9:13	9:23	9:33	9:43	9:53	10: 3

secs  
hh:mm



Orbit  
525

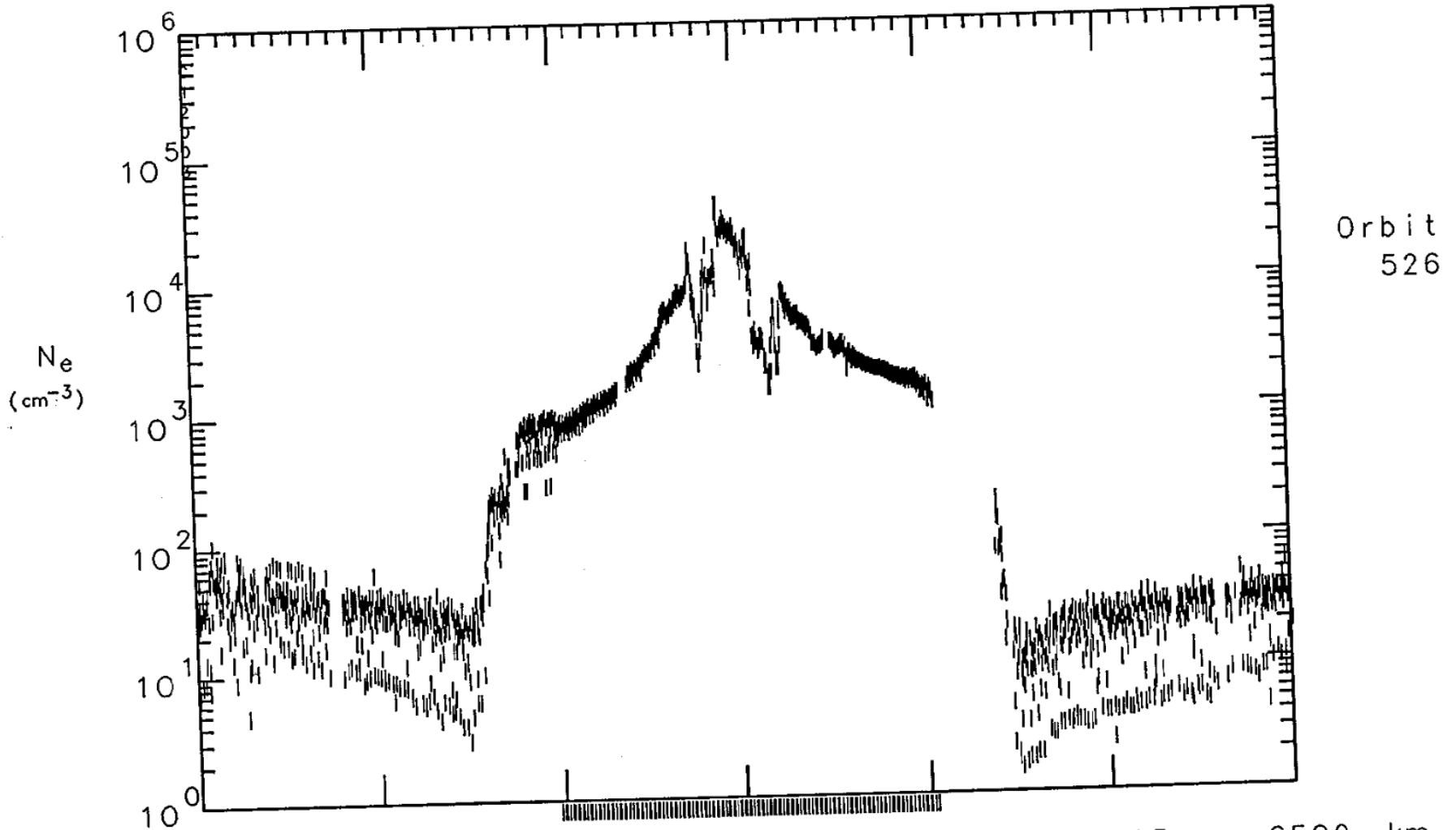
ALT	6300	3623	1235	163	1344	3765	6445	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	-2	-46	-114	-139	-154	-173	155	deg
SZA	73	91	121	167	141	112	95	deg
LST	15.0	17.7	22.6	0.3	1.3	2.5	4.4	hr

Ne hi-res Radial

Plotted:  
20-JUL-93  
20:53:04

Universal Time, Day 80135

32280	32880	33480	34080	34680	35280	35880	secs
8:58	9: 8	9:18	9:28	9:38	9:48	9:58	hh:mm



ALT	6248	3566	1181	143	1370	3813	6500	km
LAT	64	73	57	11	-34	-59	-71	deg
LONG	0	-45	-113	-138	-153	-172	155	deg
SZA	74	91	121	167	139	111	94	deg
LST	15.1	17.9	22.7	0.4	1.4	2.6	4.6	hr

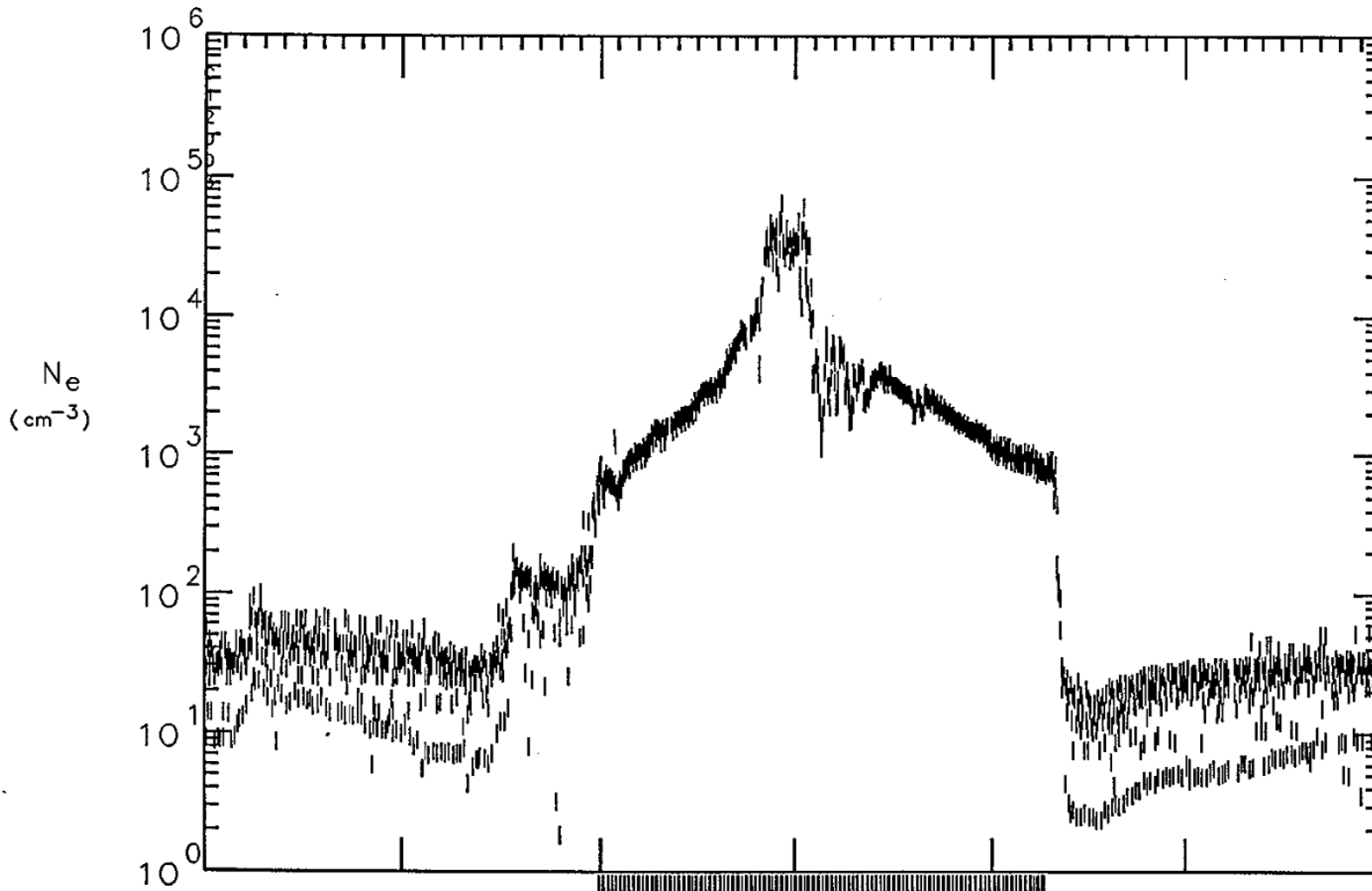
Ne hi-res Radial

Plotted:  
20-JUL-93  
21:00:29

Universal Time, Day 80136

32340	32940	33540	34140	34740	35340	35940
8:59	9: 9	9:19	9:29	9:39	9:49	9:59

secs  
hh:mm



Orbit  
527

ALT	6314	3630	1230	144	1325	3754	6440	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	1	-42	-111	-136	-151	-170	157	deg
SZA	74	91	121	165	139	111	94	deg
LST	15.2	17.9	22.8	0.5	1.5	2.7	4.6	hr

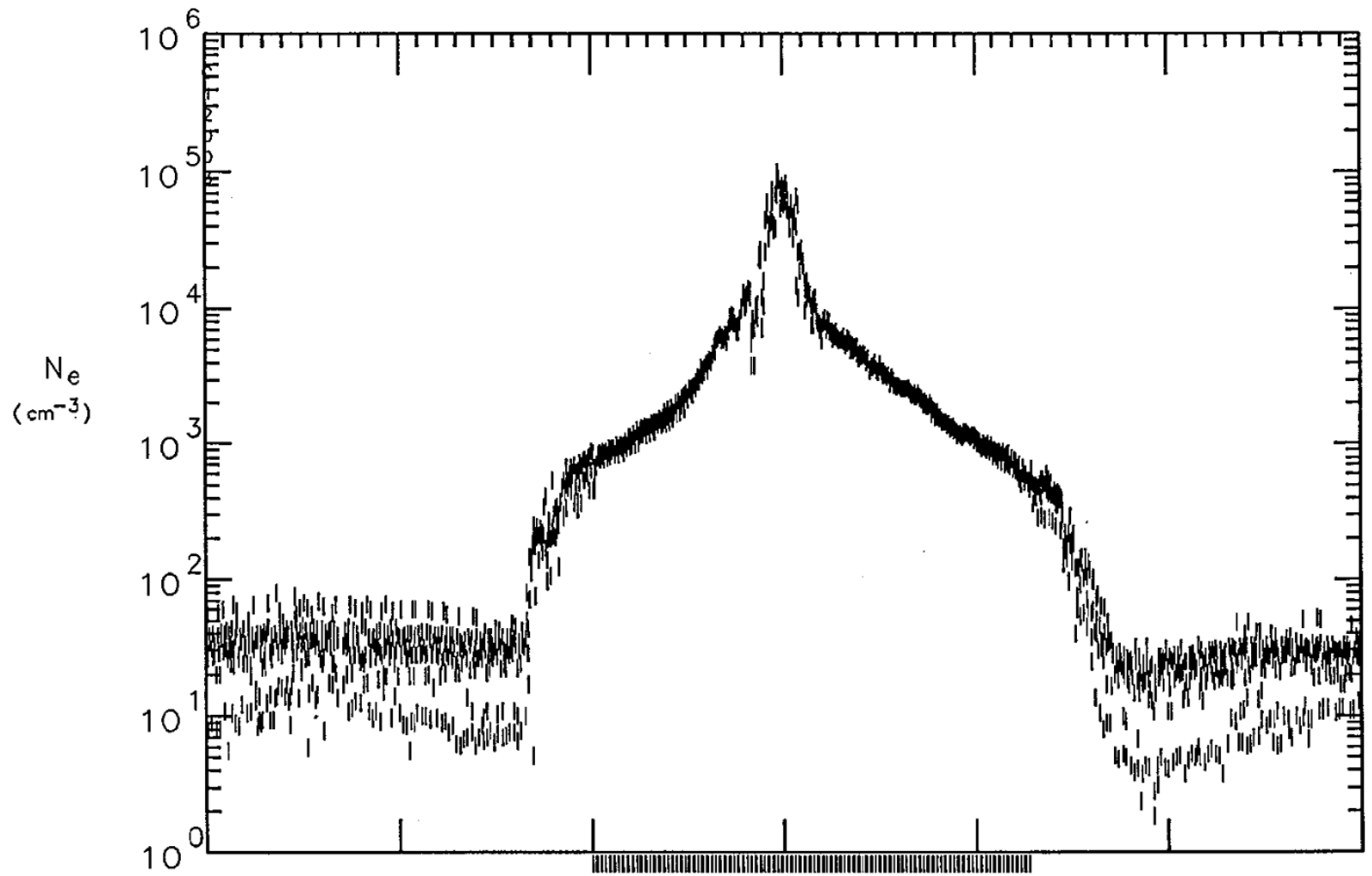
Ne hi-res Radial

Plotted:  
20-JUL-93  
21:07:24

Universal Time, Day 80137

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  
528

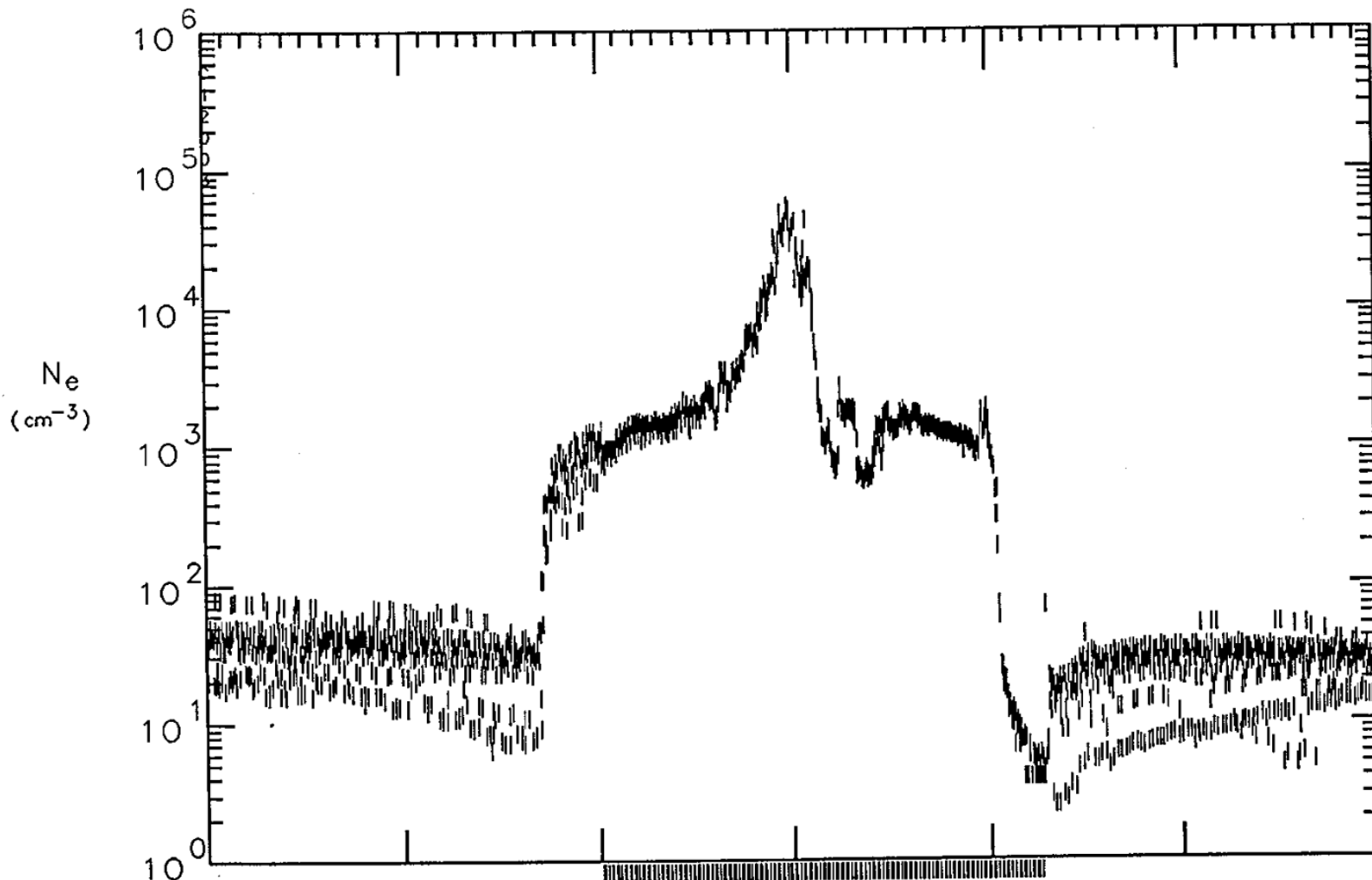
ALT	6340	3656	1251	146	1307	3728	6413	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	2	-40	-109	-134	-149	-169	159	deg
SZA	74	92	121	164	139	111	94	deg
LST	15.3	18.0	22.9	0.6	1.6	2.8	4.7	hr

Universal Time, Day 80138

Ne hi-res Radial

Plotted:  
20-JUL-93  
21:15:03

32460	33060	33660	34260	34860	35460	36060	secs
9: 1	9:11	9:21	9:31	9:41	9:51	10: 1	hh:mm



Orbit  
529

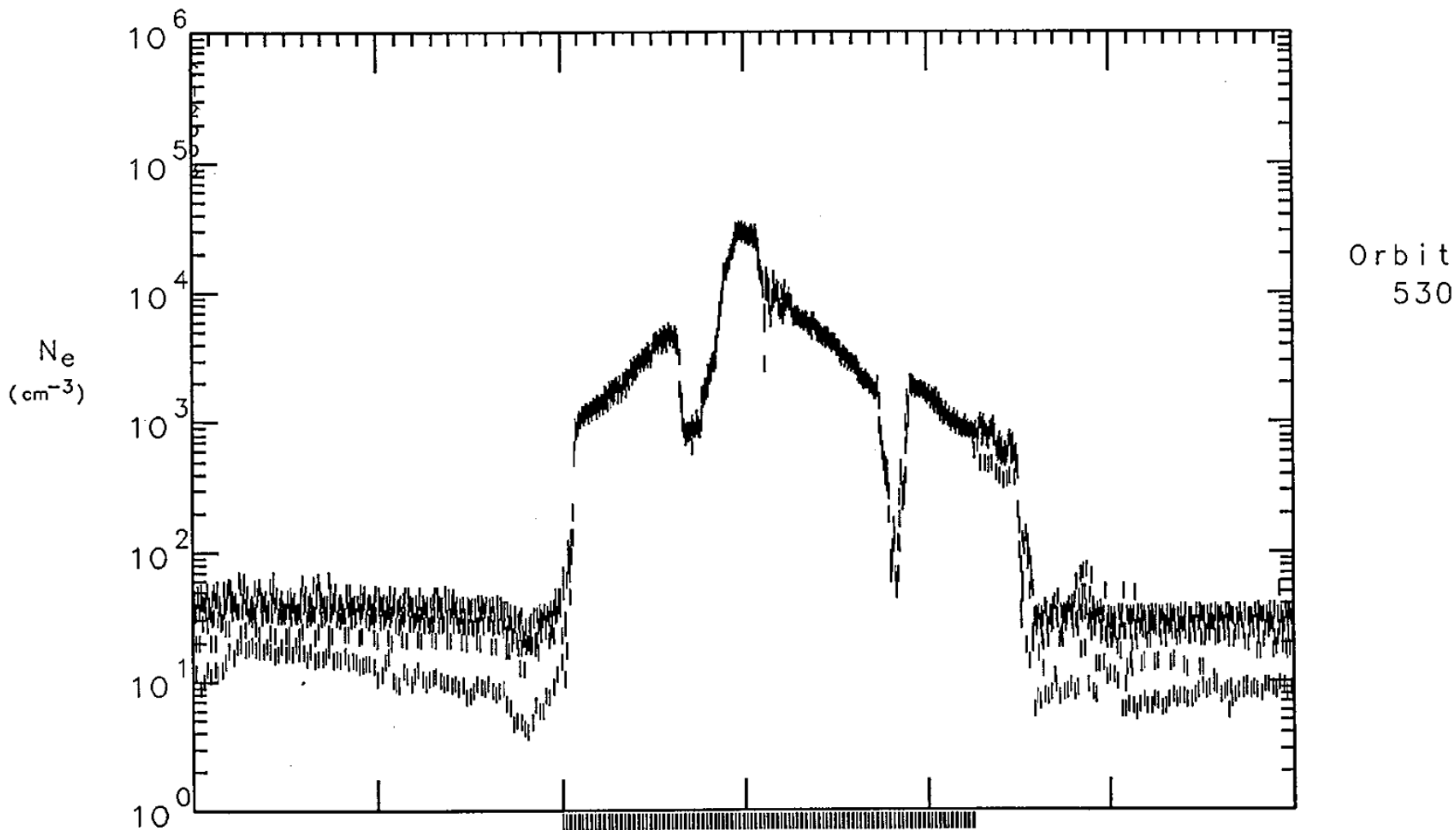
ALT	6355	3672	1264	148	1297	3714	6398	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	4	-38	-107	-133	-148	-167	161	deg
SZA	75	92	121	163	138	110	93	deg
LST	15.4	18.1	23.0	0.7	1.7	2.9	4.8	hr

Ne hi-res Rodial

Plotted:  
21-JUL-93  
19:05:27

Universal Time, Day 80139

32520	33120	33720	34320	34920	35520	36120	secs
9: 2	9:12	9:22	9:32	9:42	9:52	10: 2	hh:mm



ALT	6363	3680	1272	151	1292	3706	6389	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	5	-36	-106	-131	-146	-165	163	deg
SZA	75	92	121	162	138	110	93	deg
LST	15.5	18.2	23.1	0.8	1.8	3.0	4.9	hr

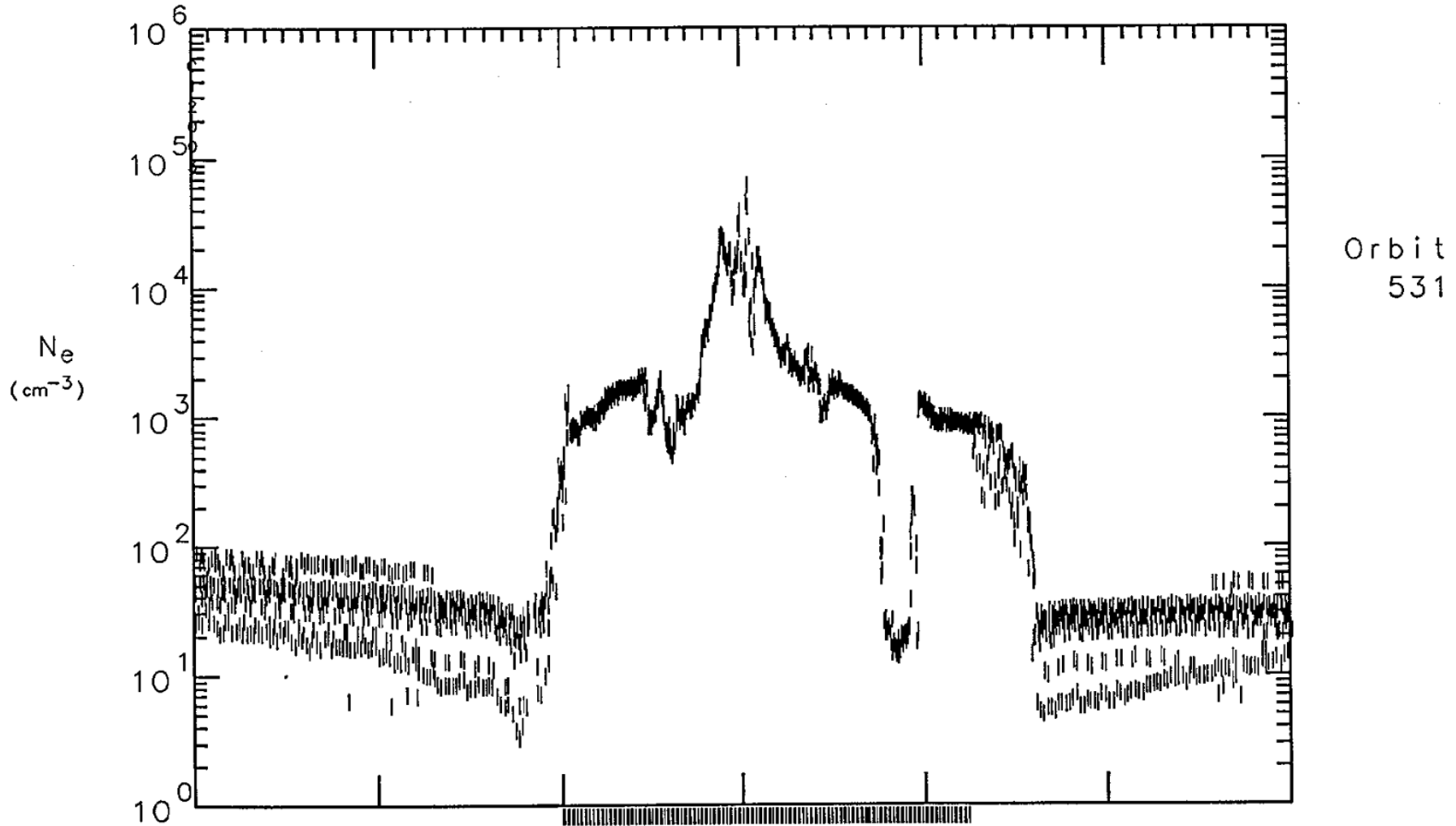
Universal Time, Day 80140

Ne hi-res Radial

Plotted:  
21-JUL-93  
15:24:40

32580	33180	33780	34380	34980	35580	36180
9: 3	9:13	9:23	9:33	9:43	9:53	10: 3

secs  
hh:mm



ALT	6366	3684	1276	153	1291	3703	6386	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	7	-35	-104	-129	-145	-164	164	deg
SZA	76	93	121	161	137	109	93	deg
LST	15.6	18.3	23.2	0.9	1.9	3.1	5.0	hr

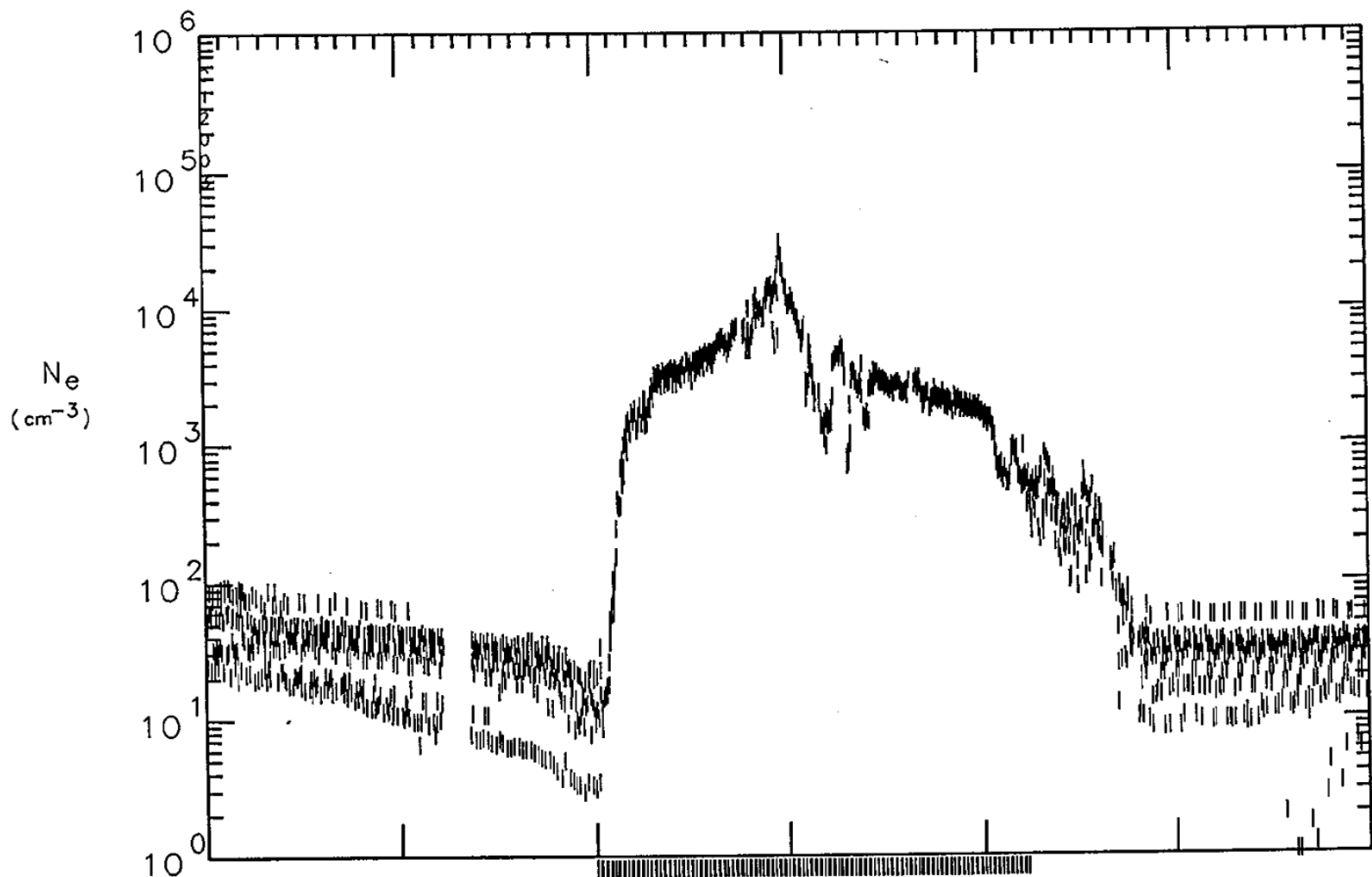


Universal Time, Day 80141

Ne hi-res Radial

Plotted:  
21-JUL-93  
15:32:11

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



Orbit  
532

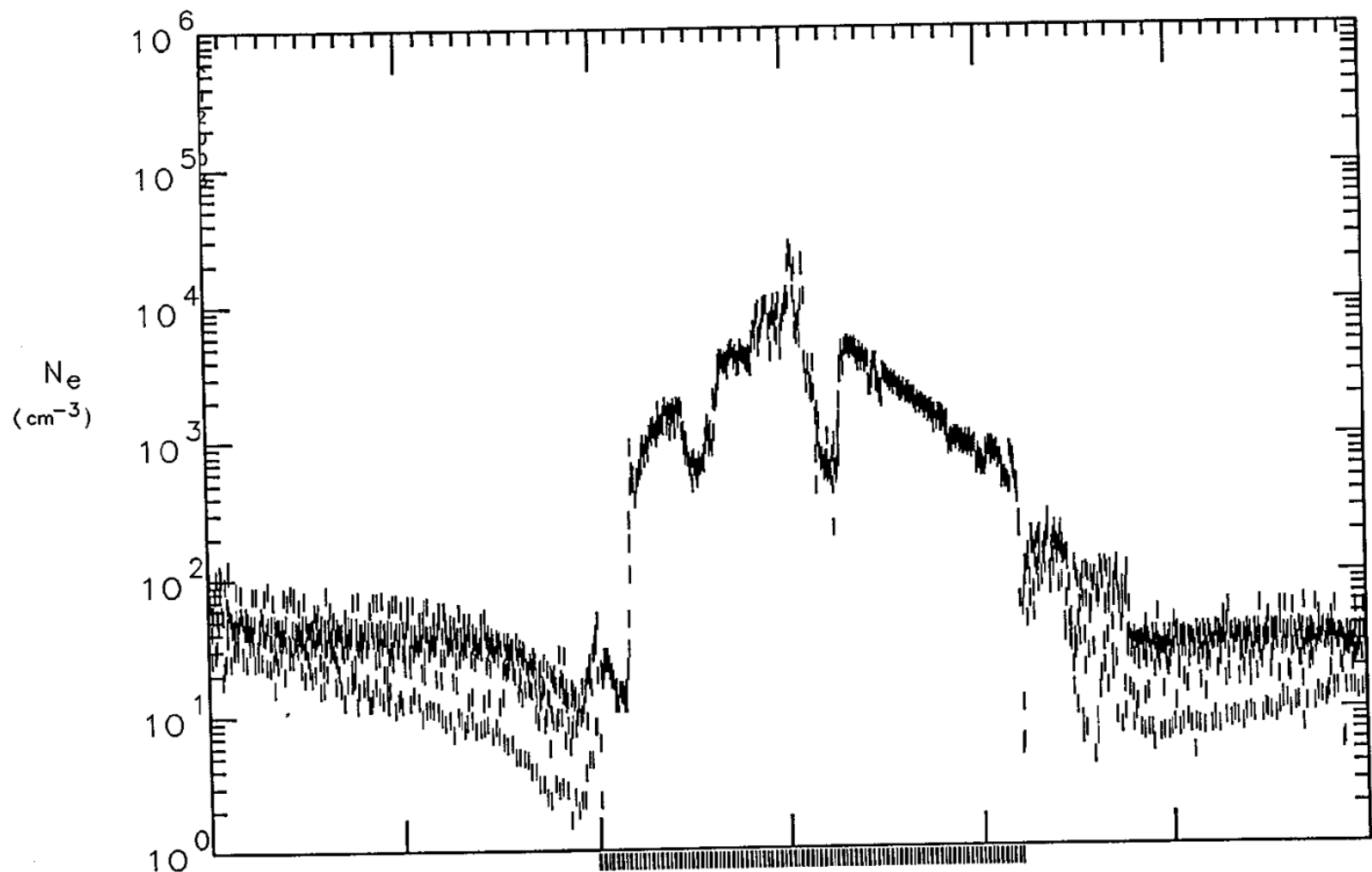
ALT	6360	3679	1274	155	1297	3709	6391	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	8	-34	-103	-128	-143	-162	166	deg
SZA	77	93	121	159	136	108	92	deg
LST	15.7	18.4	23.3	1.0	2.0	3.2	5.1	hr

Universal Time, Day 80142

Ne hi-res Radial

Plotted:  
21-JUL-93  
15:39:49

32700	33300	33900	34500	35100	35700	36300	secs
9: 5	9:15	9:25	9:35	9:45	9:55	10: 5	hh:mm



Orbit  
533

ALT	6343	3661	1259	153	1308	3726	6409	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	10	-33	-102	-127	-142	-161	167	deg
SZA	77	94	121	158	135	108	92	deg
LST	15.8	18.5	23.4	1.1	2.1	3.3	5.2	hr

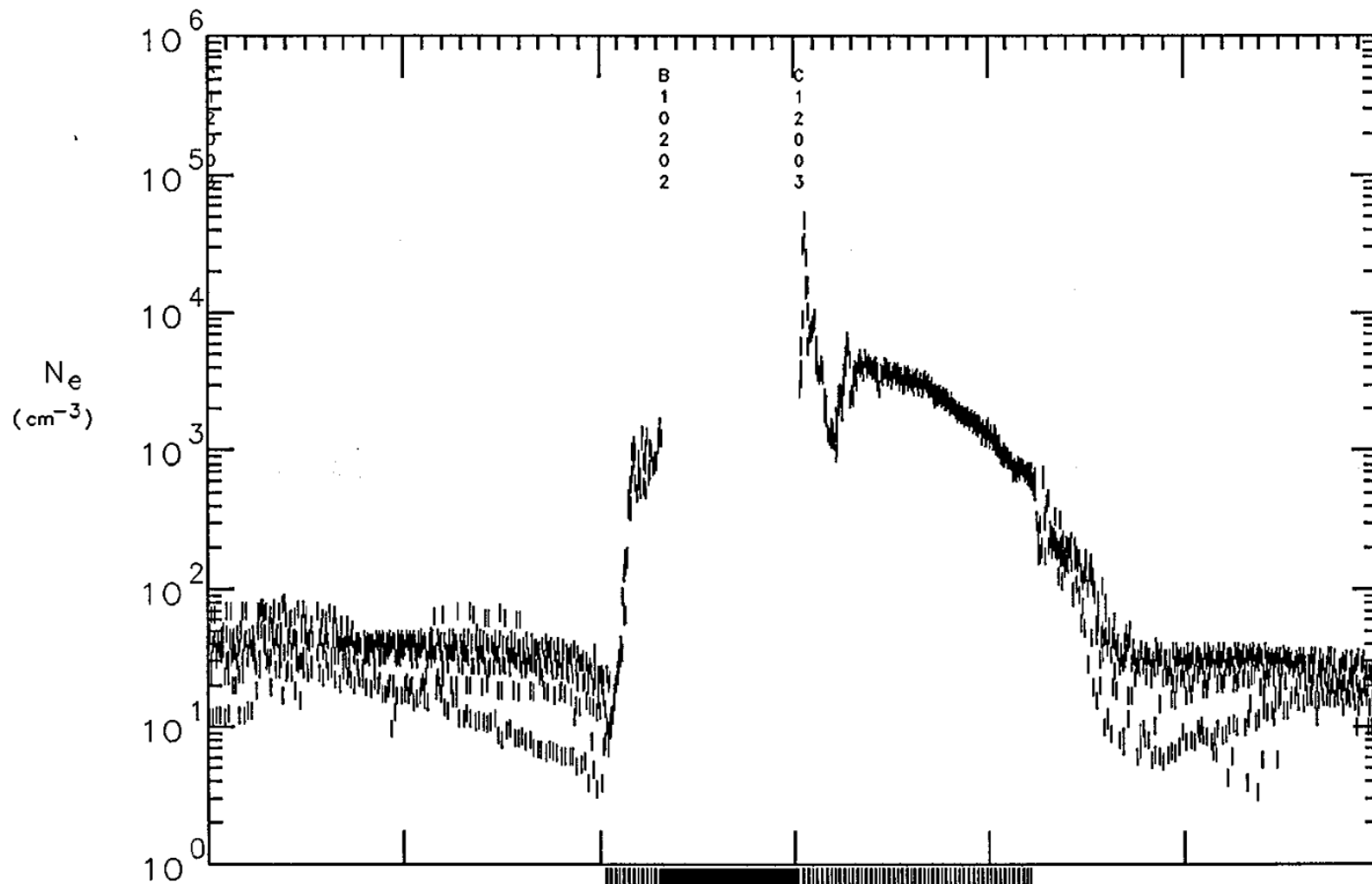
Universal Time, Day 80143

Ne hi-res Radial

Plotted:  
21-JUL-93  
15:47:36

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  
534

ALT	6426	3743	1321	155	1249	3648	6330	km
LAT	64	73	59	14	-31	-58	-71	deg
LONG	12	-29	-99	-125	-140	-159	169	deg
SZA	77	93	120	156	135	108	92	deg
LST	15.9	18.5	23.4	1.2	2.2	3.4	5.3	hr

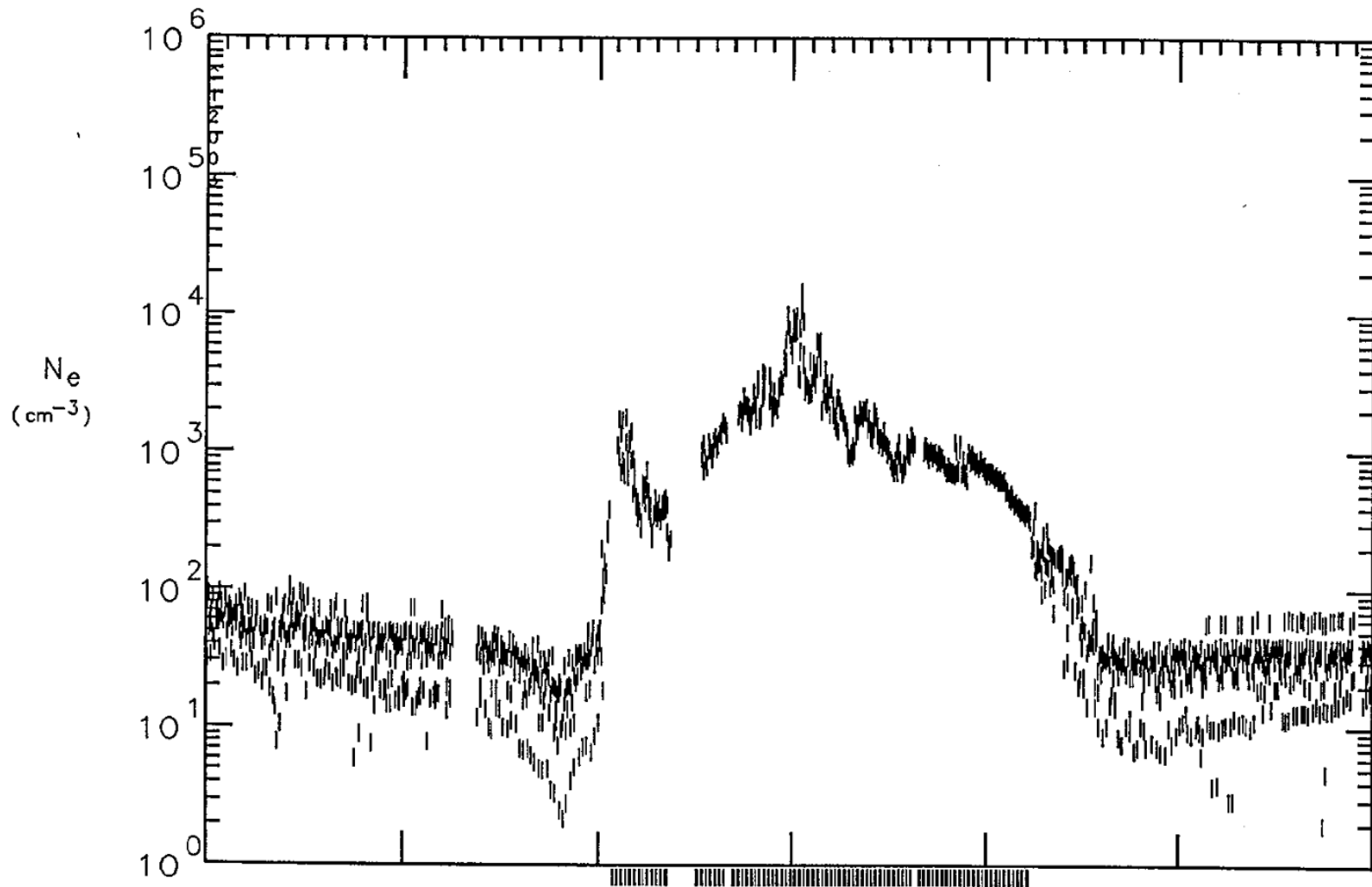
Universal Time, Day 80144

Ne hi-res Radial

Plotted:  
21-JUL-93  
15:54:54

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

secs  
hh:mm



Orbit  
535

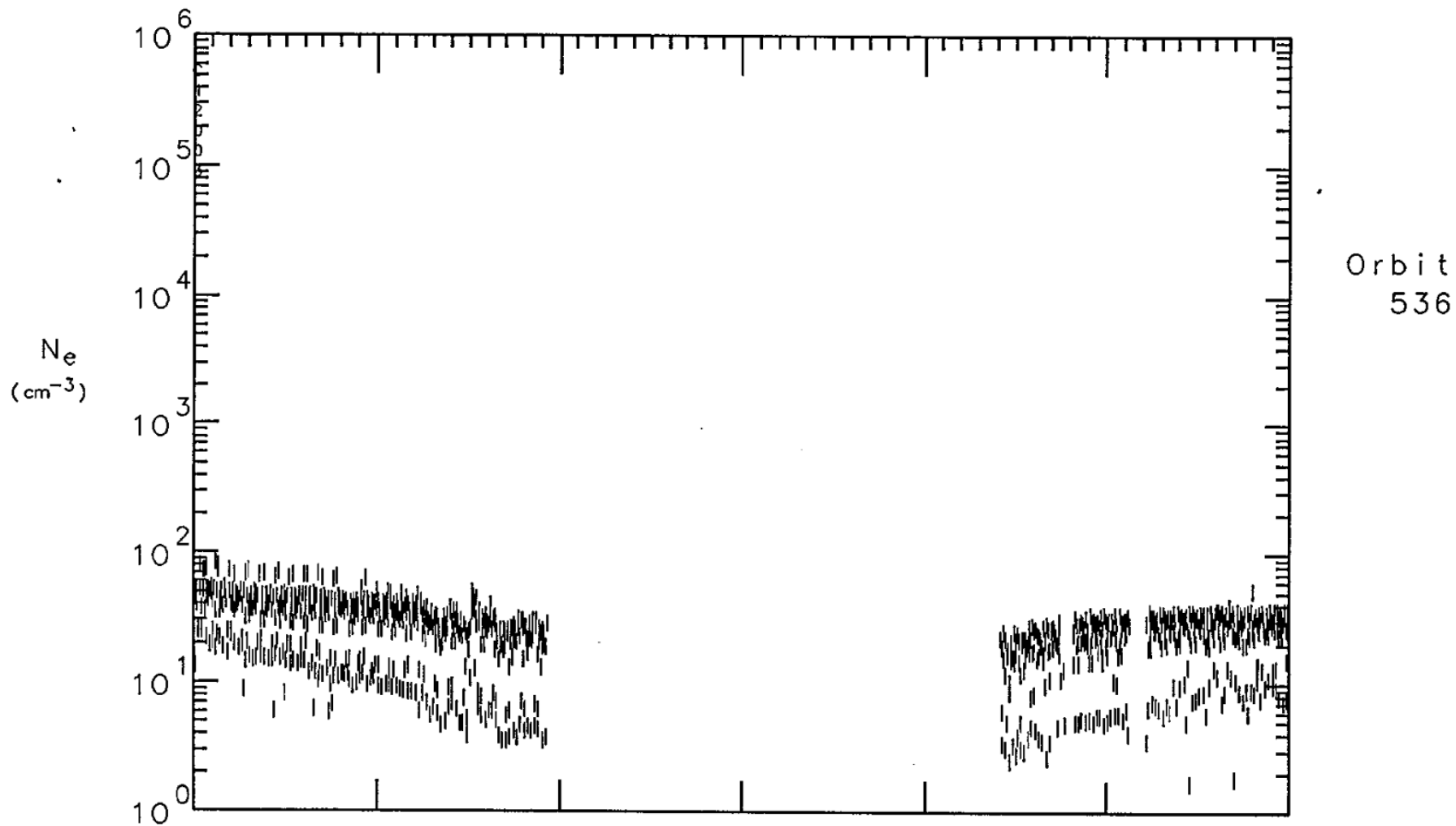
ALT	6504	3820	1382	159	1193	3572	6252	km
LAT	63	73	60	16	-30	-58	-70	deg
LONG	14	-26	-97	-123	-138	-157	172	deg
SZA	78	93	119	155	135	108	91	deg
LST	16.0	18.5	23.5	1.3	2.3	3.4	5.3	hr

Universal Time, Day 80145

Ne hi-res Radial

Plotted:  
21-JUL-93  
16:02:36  
secs  
hh:mm

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



ALT	6309	3628	1236	159	1340	3764	6447	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	14	-30	-98	-122	-137	-157	171	deg
SZA	79	95	122	154	131	106	90	deg
LST	16.2	18.9	23.8	1.5	2.5	3.7	5.6	hr

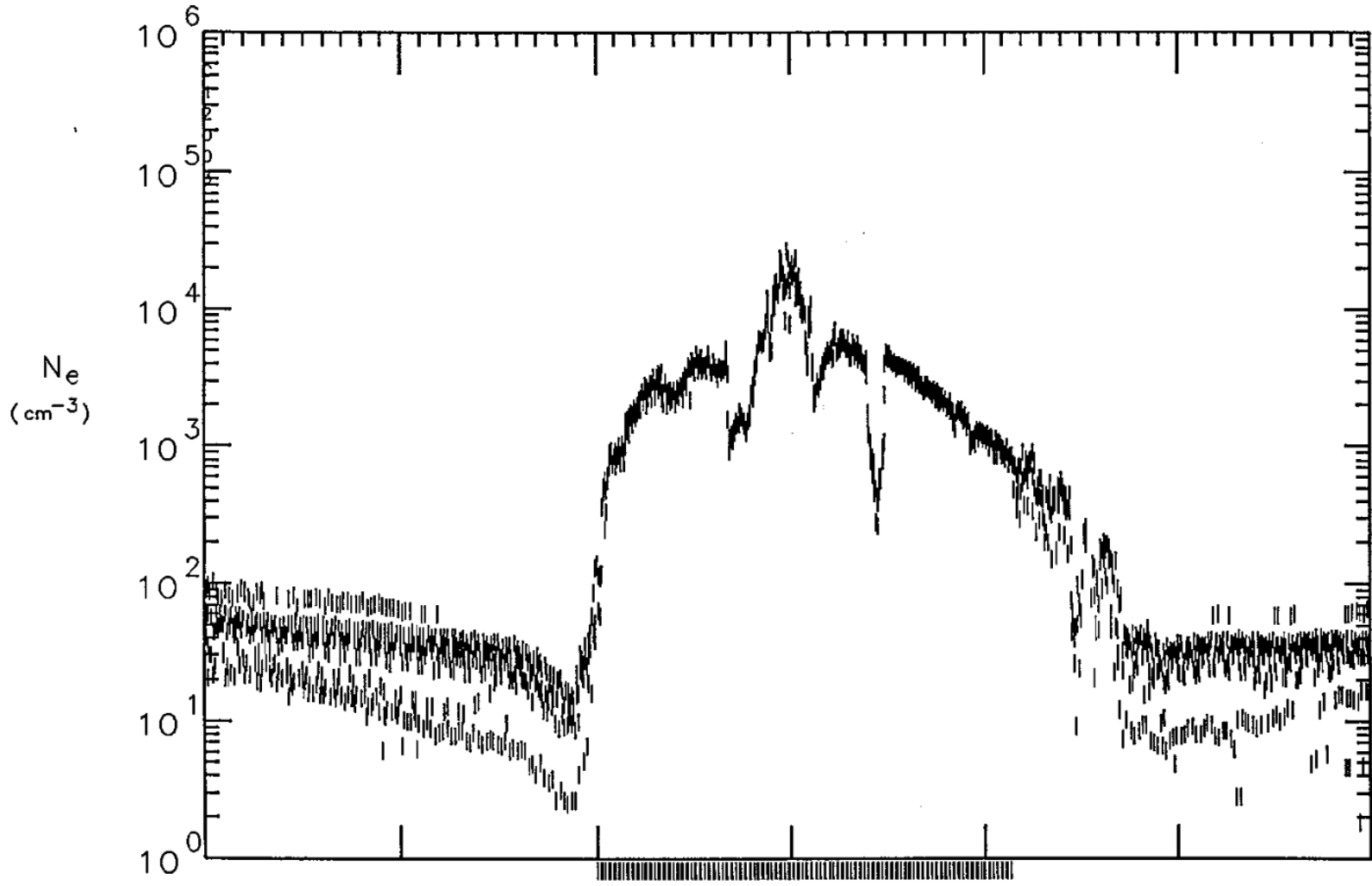
Universal Time, Day 80146

Ne hi-res Radiol

Plotted:  
21-JUL-93  
16:08:50

34200	34800	35400	36000	36600	37200	37800
9:30	9:40	9:50	10:0	10:10	10:20	10:30

secs  
hh:mm



Orbit  
537

ALT	6378	3696	1288	159	1288	3696	6378	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	16	-26	-96	-121	-136	-155	173	deg
SZA	79	95	121	153	131	105	90	deg
LST	16.2	18.9	23.8	1.6	2.5	3.7	5.6	hr

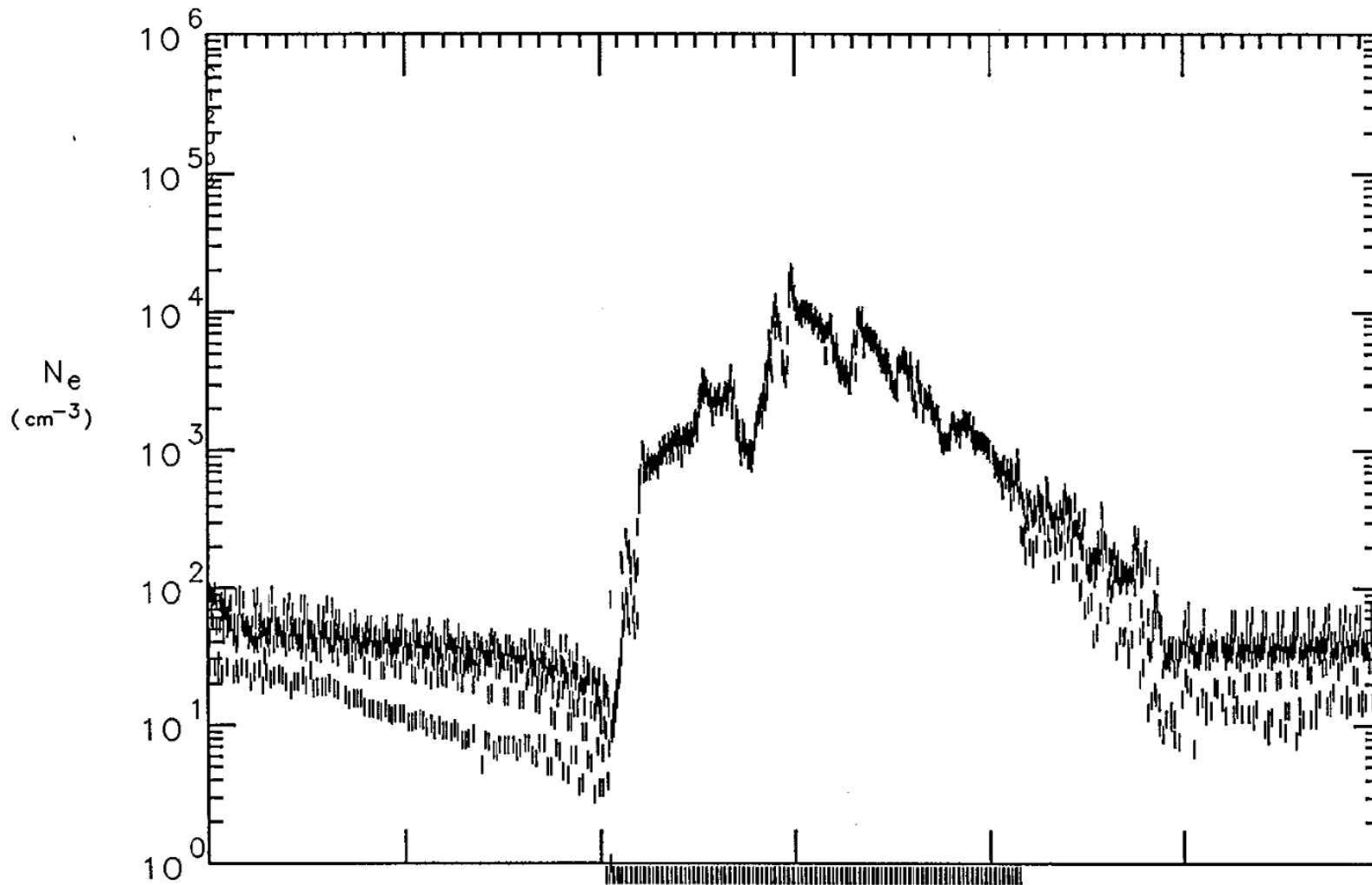
Universal Time, Day 80147

Ne hi-res Radial

Plotted:  
21-JUL-93  
16:16:57

34560	35160	35760	36360	36960	37560	38160
9:36	9:46	9:56	10: 6	10:16	10:26	10:36

secs  
hh:mm



Orbit  
538

ALT	6443	3761	1339	162	1240	3632	6312	km
LAT	64	73	59	15	-31	-58	-71	deg
LONG	18	-23	-93	-119	-134	-153	176	deg
SZA	80	95	120	151	131	105	90	deg
LST	16.3	18.9	23.9	1.6	2.6	3.8	5.7	hr

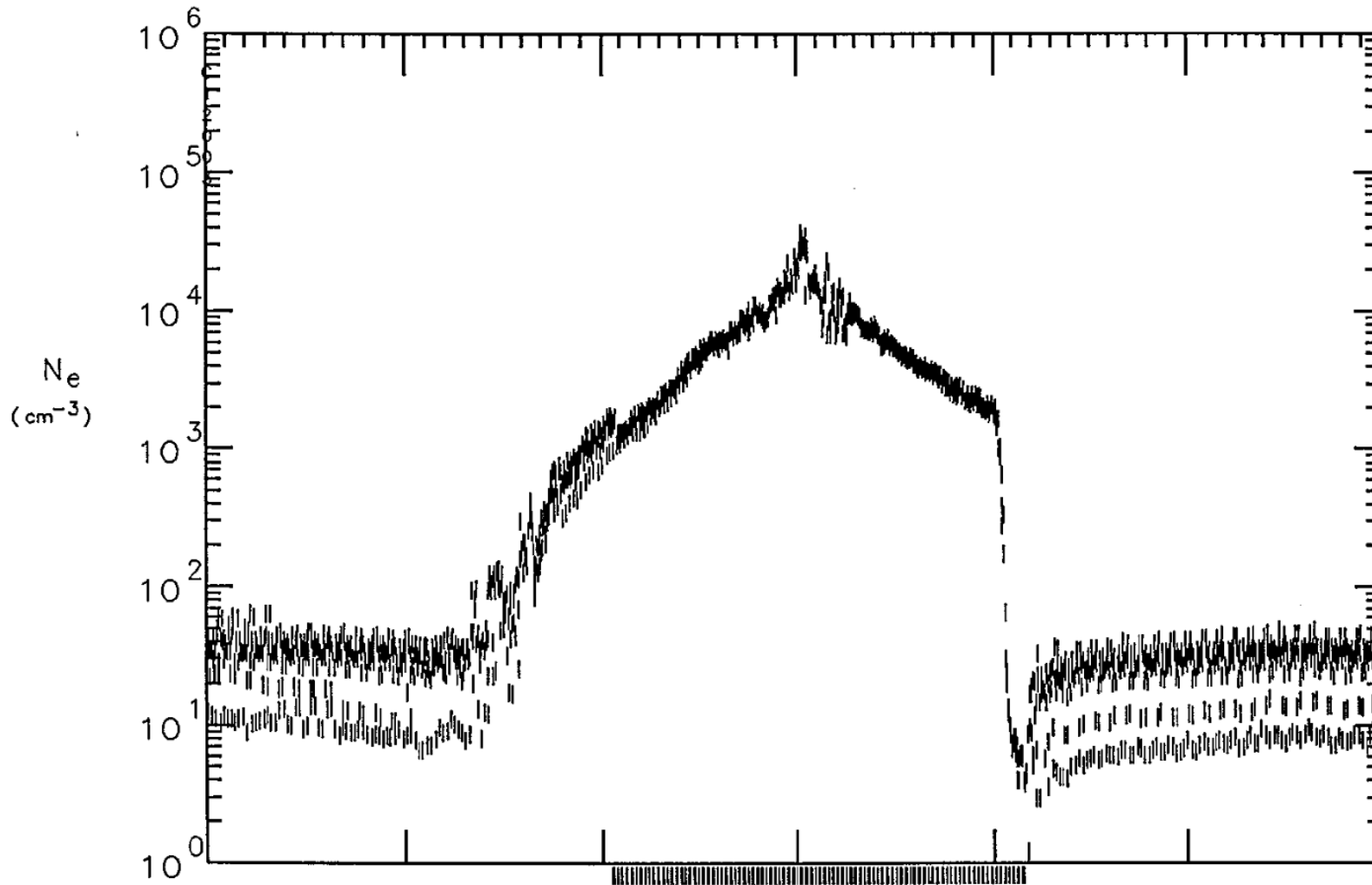
Universal Time, Day 80148

Ne hi-res Radial

Plotted:  
21-JUL-93  
16:24:54

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

secs  
hh:mm



Orbit  
539

ALT	6505	3822	1387	165	1196	3572	6250	km
LAT	64	73	59	16	-30	-58	-70	deg
LONG	20	-20	-91	-117	-132	-150	178	deg
SZA	80	95	119	149	130	105	90	deg
LST	16.4	18.9	23.9	1.7	2.7	3.9	5.7	hr



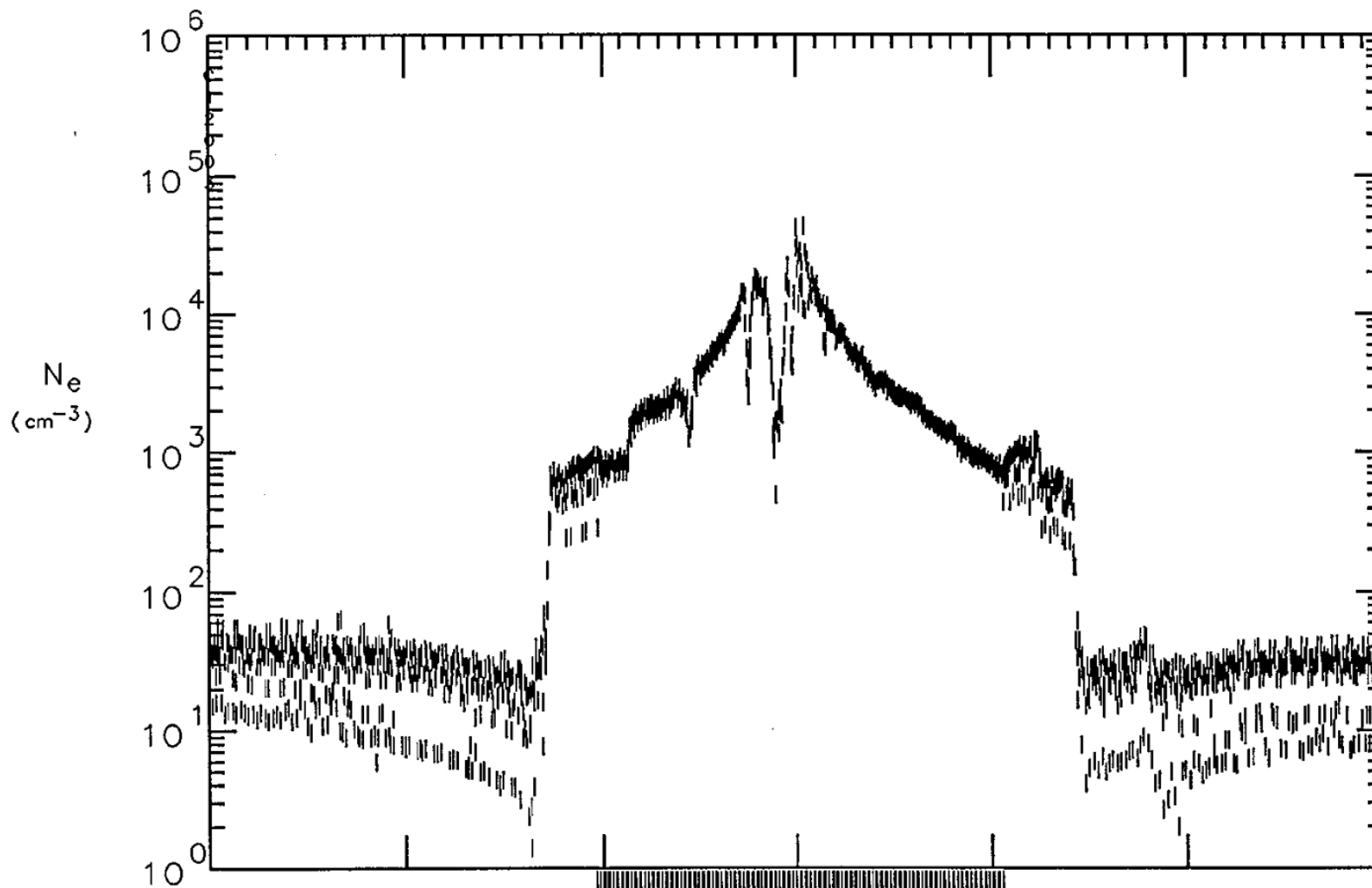
Ne hi-res Radial

Universal Time, Day 80149

Plotted:  
21-JUL-93  
16:33:37

35340	35940	36540	37140	37740	38340	38940
9:49	9:59	10:09	10:19	10:29	10:39	10:49

secs  
hh:mm



Orbit  
540

ALT	6295	3616	1229	164	1353	3778	6460	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	20	-24	-93	-117	-132	-151	177	deg
SZA	81	97	122	149	127	103	88	deg
LST	16.6	19.4	0.3	1.9	2.9	4.1	6.0	hr

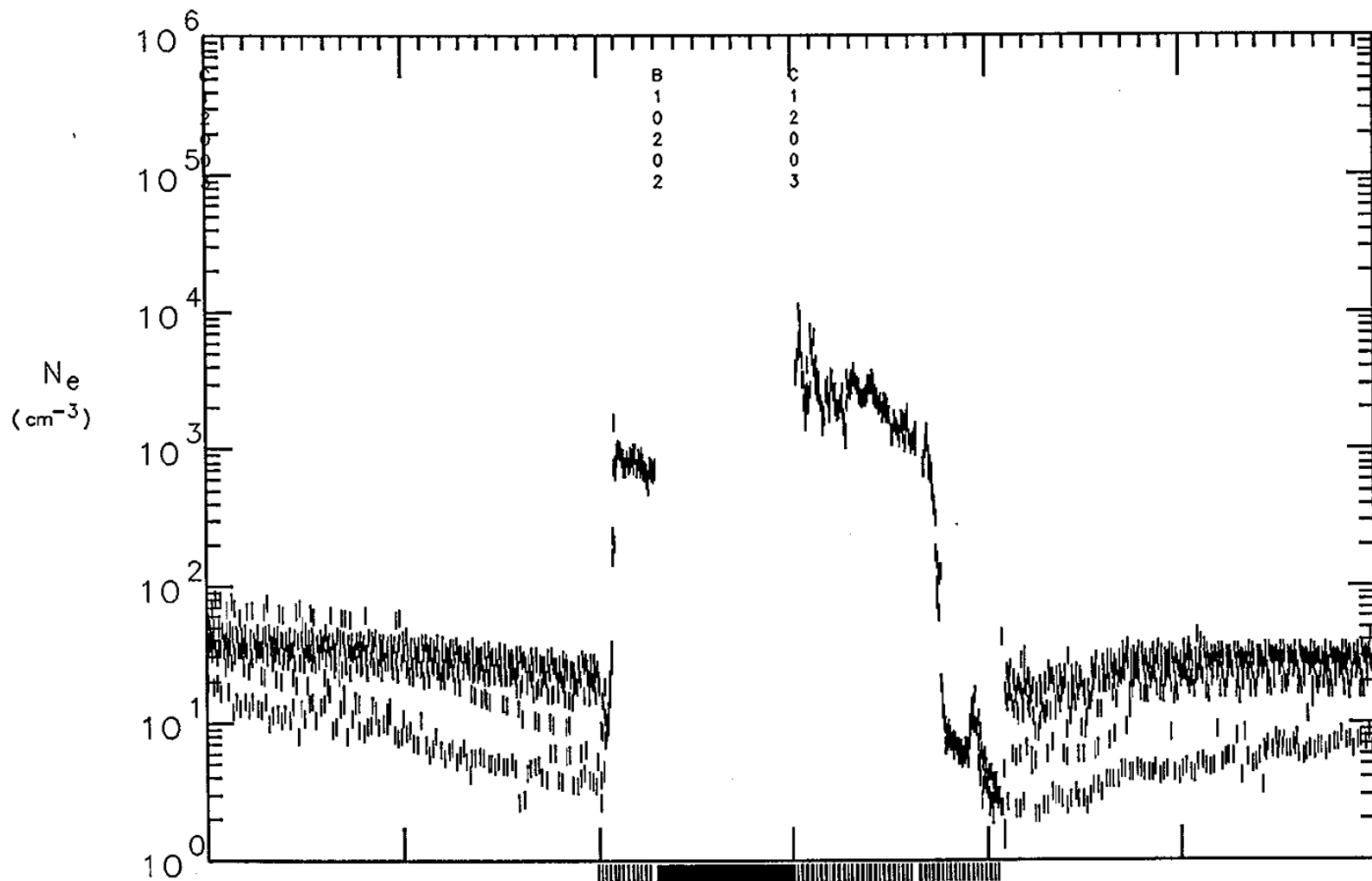
Ne hi-res Radial

Plotted:  
21-JUL-93  
16:45:34

Universal Time, Day 80150

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

secs  
hh:mm



Orbit  
541

ALT	6349	3669	1270	164	1313	3725	6406	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	22	-21	-90	-115	-130	-149	179	deg
SZA	82	97	121	147	126	103	88	deg
LST	16.7	19.4	0.3	2.0	3.0	4.2	6.1	hr

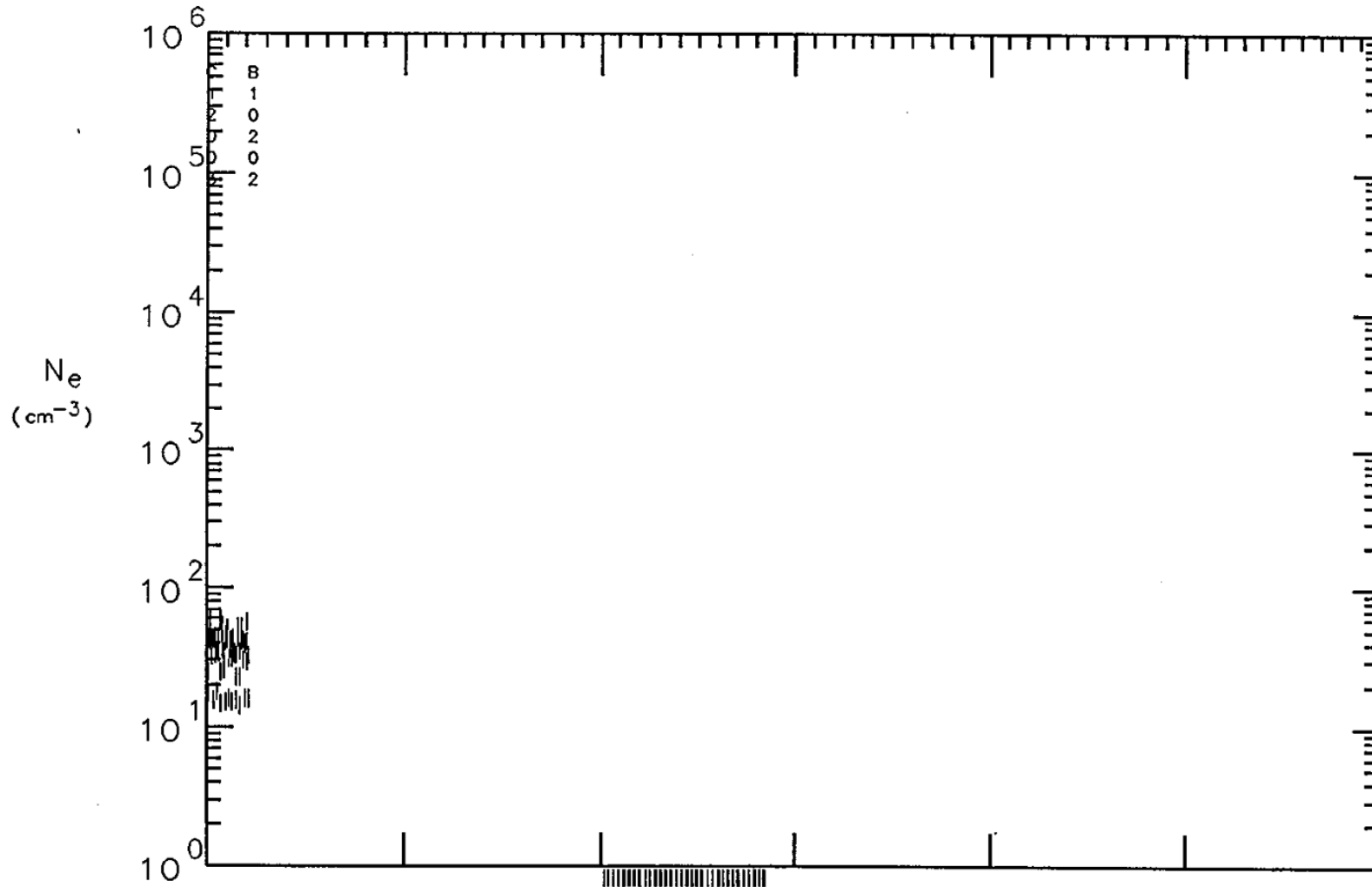
Universal Time, Day 80151

Ne hi-res Radial

Plotted:  
21-JUL-93  
16:55:18

36060	36660	37260	37860	38460	39060	39660
10: 1	10:11	10:21	10:31	10:41	10:51	11: 1

secs  
hh:mm



Orbit  
542

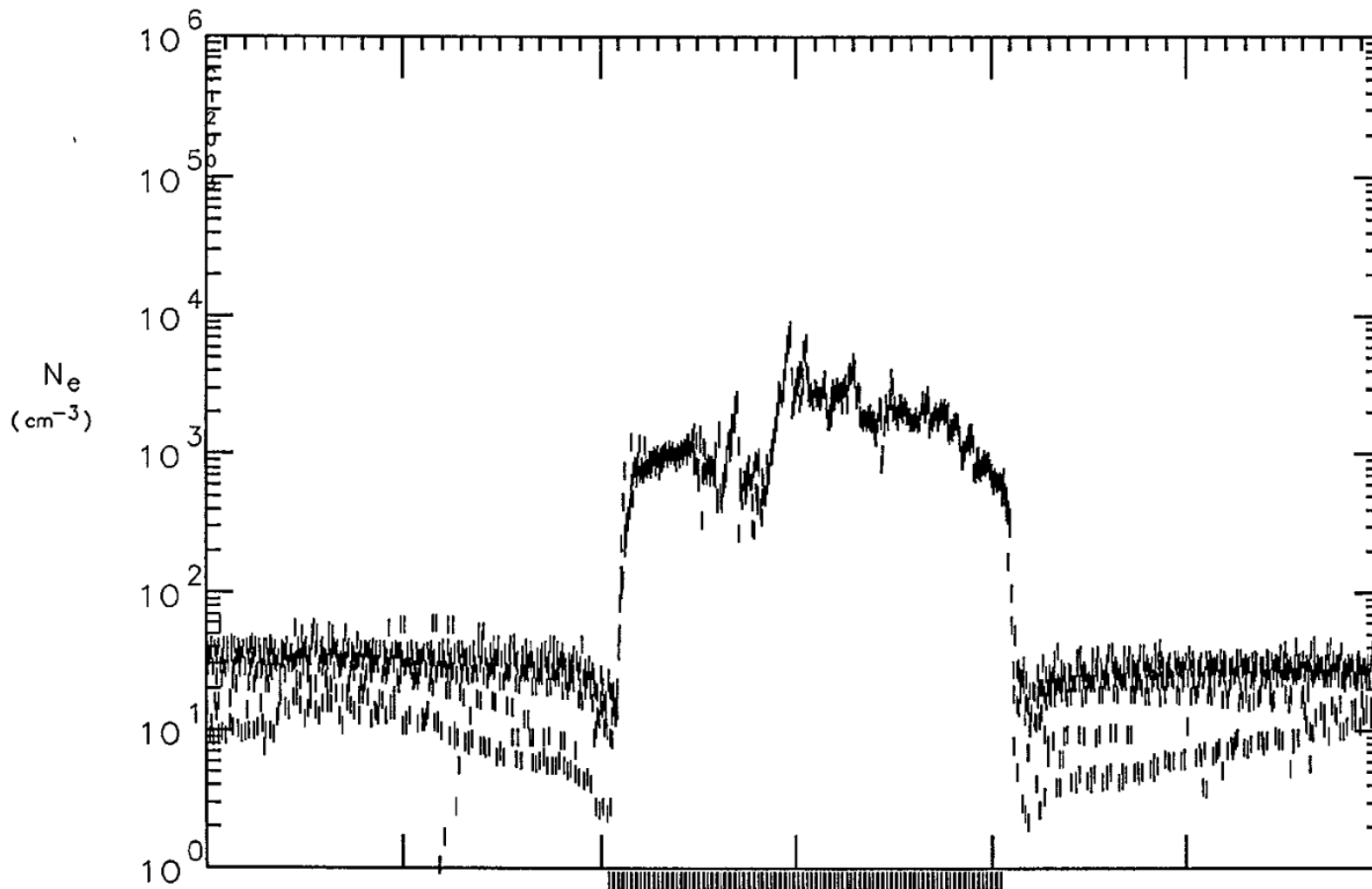
ALT	6400	3719	1309	165	1275	3675	6355	km
LAT	64	73	58	14	-32	-59	-71	deg
LONG	24	-18	-88	-113	-128	-147	-178	deg
SZA	82	97	120	145	126	102	88	deg
LST	16.8	19.4	0.4	2.1	3.1	4.2	6.1	hr

Universal Time, Day 80152

Ne hi-res Radial

Plotted:  
21-JUL-93  
16:59:12  
secs  
hh:mm

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



Orbit  
543

ALT	6446	3766	1344	166	1241	3630	6308	km
LAT	64	73	59	15	-31	-58	-71	deg
LONG	25	-16	-86	-111	-126	-145	-175	deg
SZA	83	97	120	144	125	102	88	deg
LST	16.8	19.5	0.4	2.2	3.1	4.3	6.2	hr

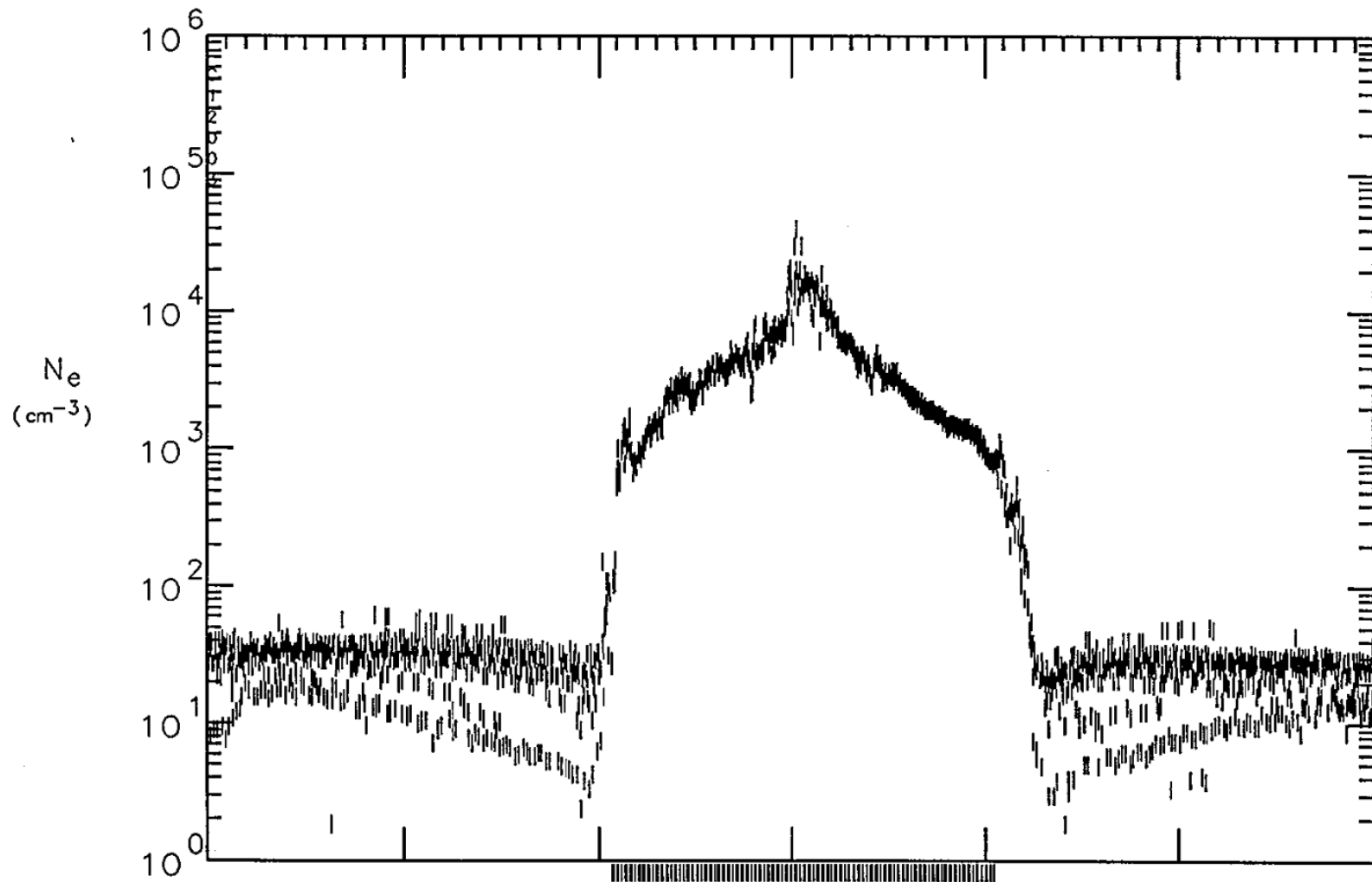
Universal Time, Day 80153

Ne hi-res Radial

Plotted:  
21-JUL-93  
17:08:48

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

secs  
hh:mm



Orbit  
544

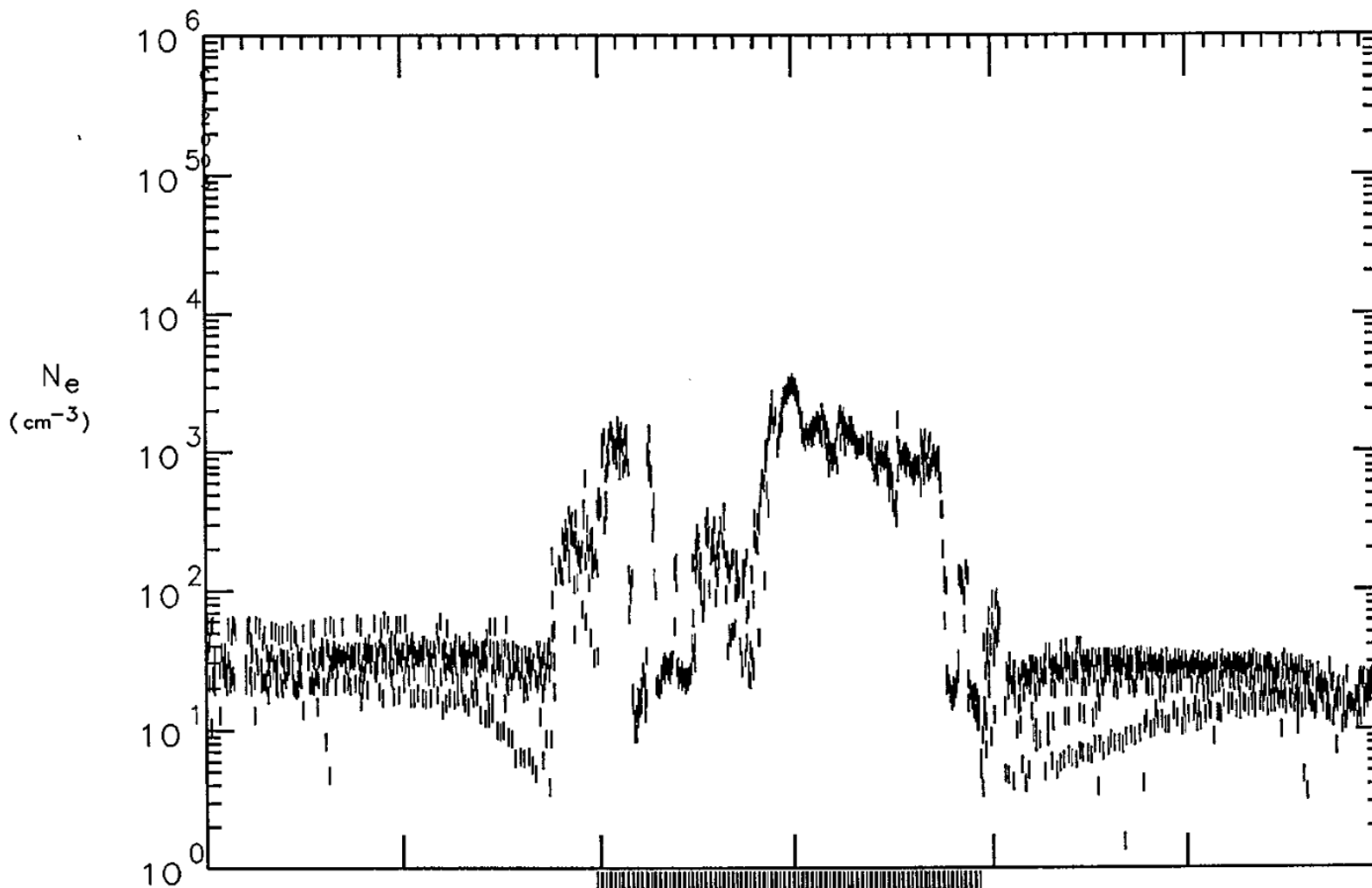
ALT	6490	3809	1378	168	1209	3587	6264	km
LAT	64	73	59	15	-30	-58	-71	deg
LONG	27	-13	-84	-109	-124	-143	-173	deg
SZA	83	97	119	142	124	102	87	deg
LST	16.9	19.5	0.5	2.3	3.2	4.4	6.3	hr

Ne hi-res Radial

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

Universal Time, Day 80154

37200	37800	38400	39000	39600	40200	40800	secs
10:20	10:30	10:40	10:50	11:00	11:10	11:20	hh:mm



Orbit  
545

ALT	6263	3586	1208	168	1380	3810	6492	km
LAT	65	73	57	11	-34	-60	-71	deg
LONG	27	-18	-86	-109	-124	-143	-175	deg
SZA	85	98	121	141	121	99	86	deg
LST	17.1	20.0	0.8	2.5	3.4	4.6	6.6	hr

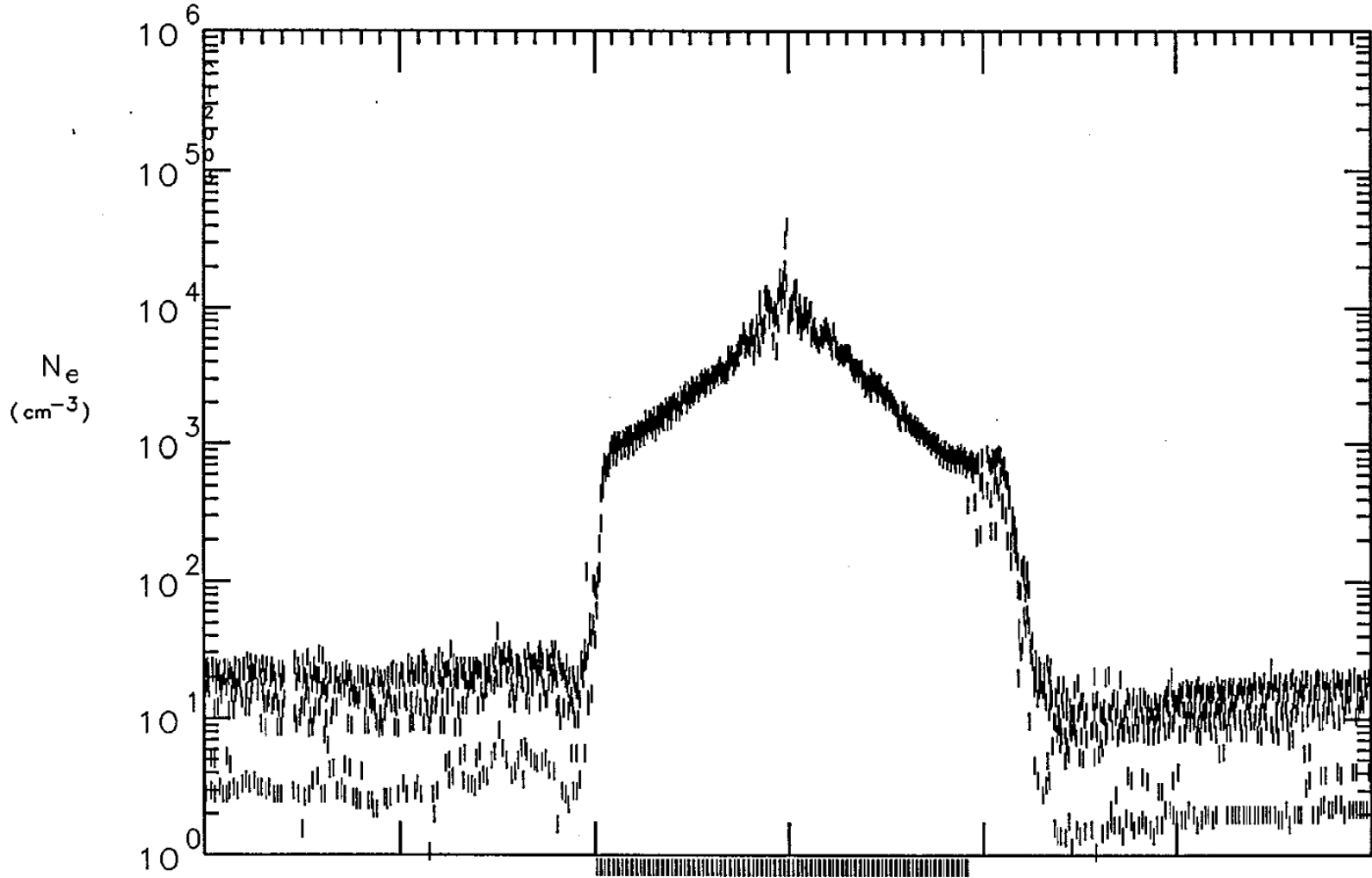
Universal Time, Day 80155

Ne hi-res Radial

Plotted:  
21-JUL-93  
19:22:06

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

secs  
hh:mm



Orbit  
546

ALT	6300	3622	1236	167	1351	3773	6454	km
LAT	65	73	57	12	-33	-59	-71	deg
LONG	29	-15	-84	-108	-122	-141	-173	deg
SZA	85	98	120	140	120	99	86	deg
LST	17.2	20.1	0.9	2.5	3.5	4.7	6.6	hr

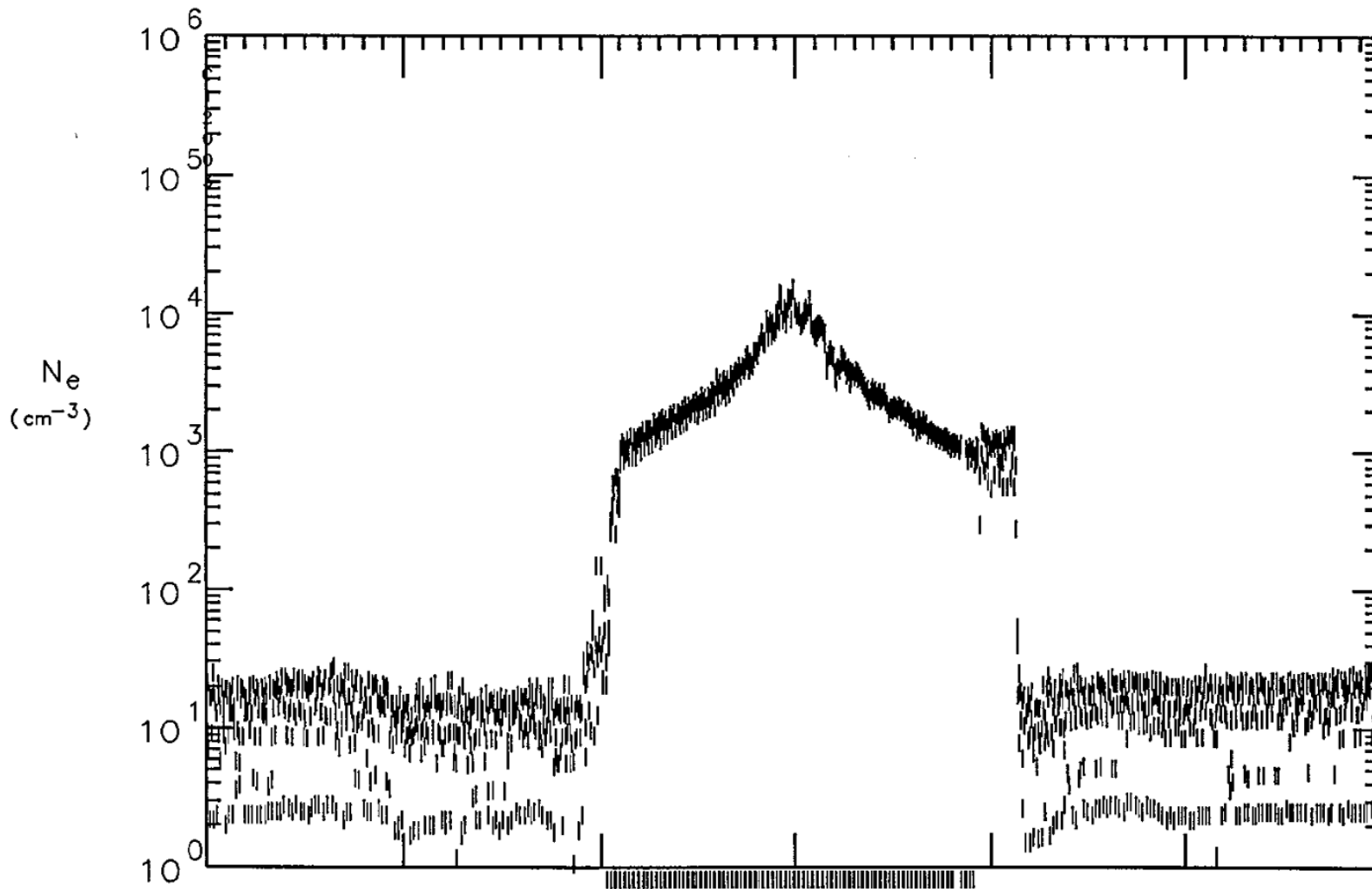
Universal Time, Day 80156

Ne hi-res Radial

Plotted:  
21-JUL-93  
19:29:41

37920	38520	39120	39720	40320	40920	41520
10:32	10:42	10:52	11: 2	11:12	11:22	11:32

secs  
hh:mm



Orbit  
547

ALT	6333	3655	1260	166	1326	3741	6421	km
LAT	64	73	57	12	-33	-59	-71	deg
LONG	31	-13	-82	-106	-121	-140	-171	deg
SZA	85	99	120	138	119	98	86	deg
LST	17.3	20.1	1.0	2.6	3.6	4.8	6.7	hr



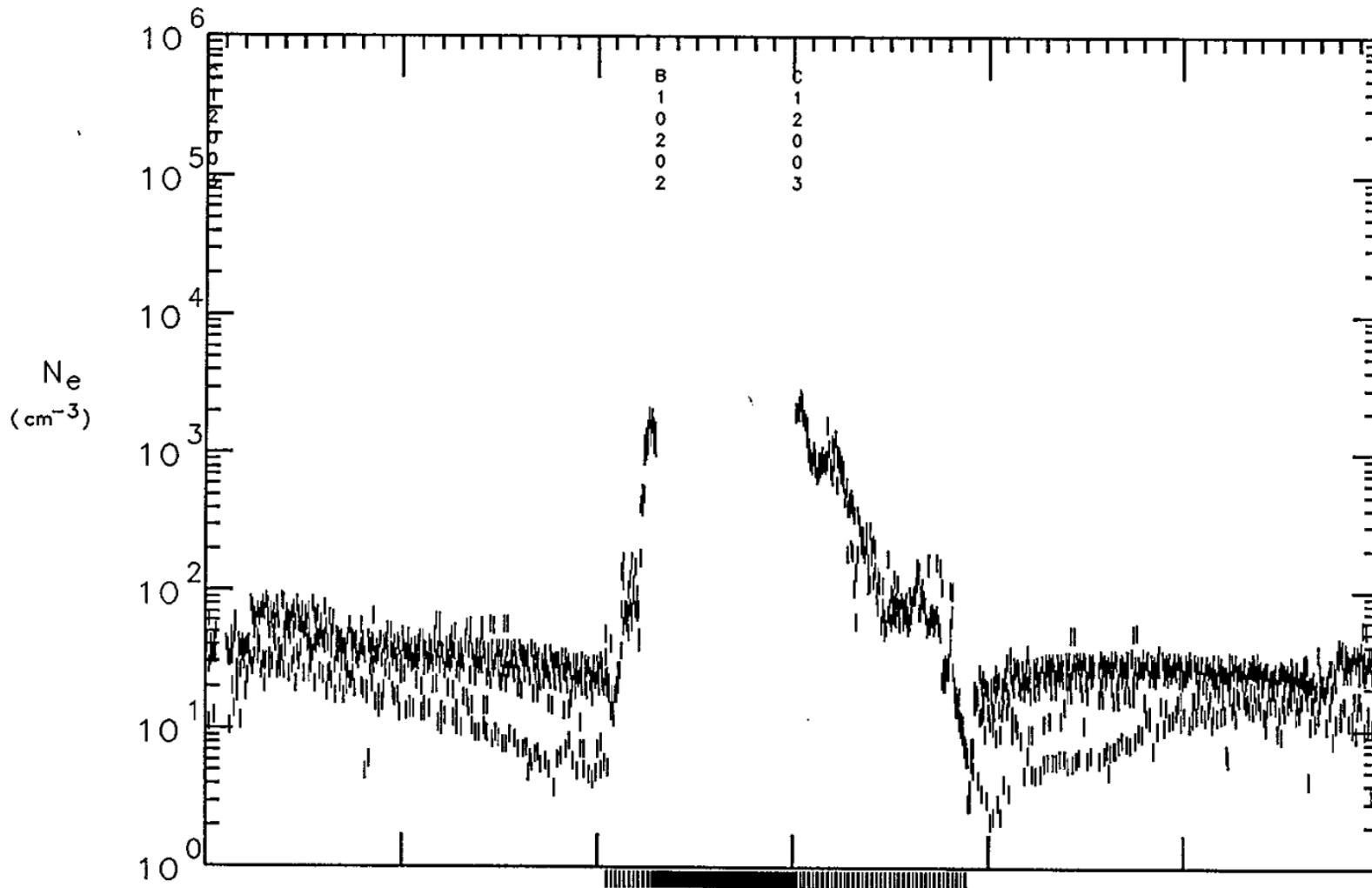
Universal Time, Day 80157

Ne hi-res Radial

Plotted:  
21-JUL-93  
19:37:23

38280	38880	39480	40080	40680	41280	41880
10:38	10:48	10:58	11: 8	11:18	11:28	11:38

secs  
hh:mm



Orbit  
548

ALT	6362	3683	1281	166	1304	3713	6392	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	33	-11	-80	-104	-119	-138	-169	deg
SZA	86	99	119	137	118	98	85	deg
LST	17.4	20.1	1.1	2.7	3.7	4.9	6.8	hr

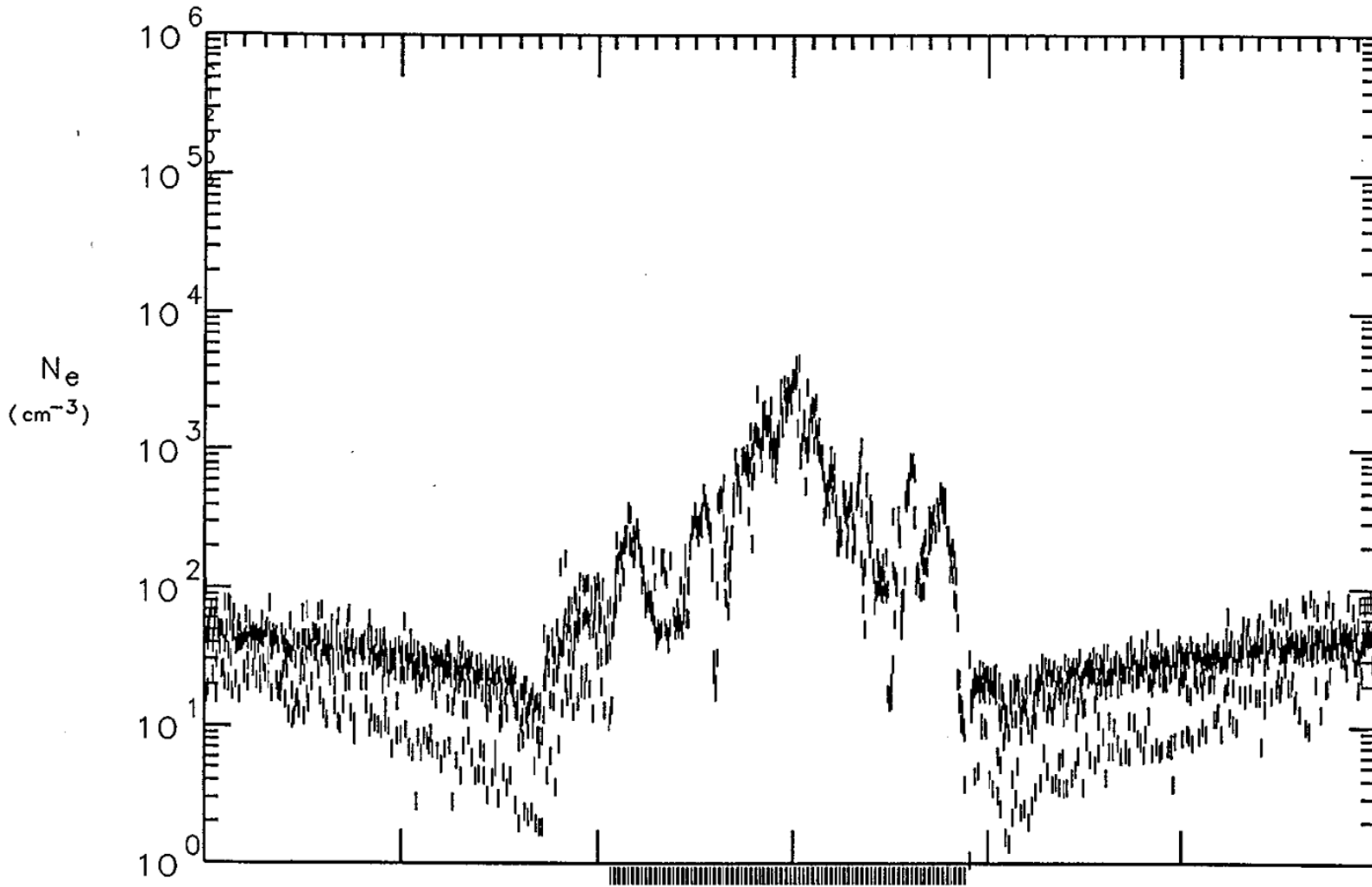
Universal Time, Day 80158

Ne hi-res Radial

Plotted:  
21-JUL-93  
19:44:53

38640	39240	39840	40440	41040	41640	42240
10:44	10:54	11: 4	11:14	11:24	11:34	11:44

secs  
hh:mm



Orbit  
549

ALT	6387	3707	1300	166	1285	3688	6367	km
LAT	64	73	58	13	-32	-59	-71	deg
LONG	34	-8	-78	-103	-117	-136	-167	deg
SZA	86	99	118	135	117	97	85	deg
LST	17.5	20.2	1.1	2.8	3.8	5.0	6.9	hr

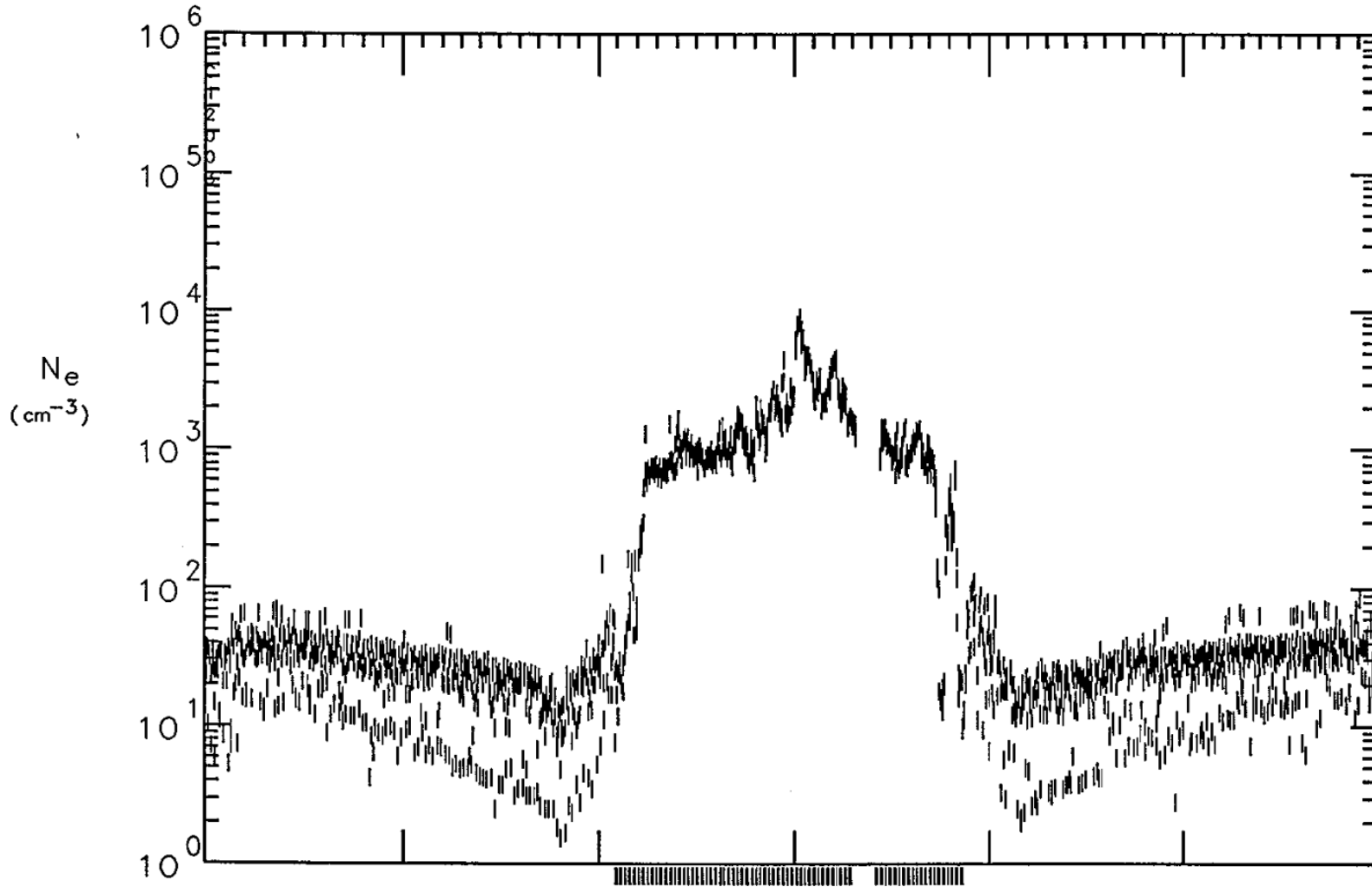
Universal Time, Day 80159

Ne hi-res Radial

Plotted:  
21-JUL-93  
19:52:46

39000	39600	40200	40800	41400	42000	42600
10:50	11: 0	11:10	11:20	11:30	11:40	11:50

secs  
hh:mm



Orbit  
550

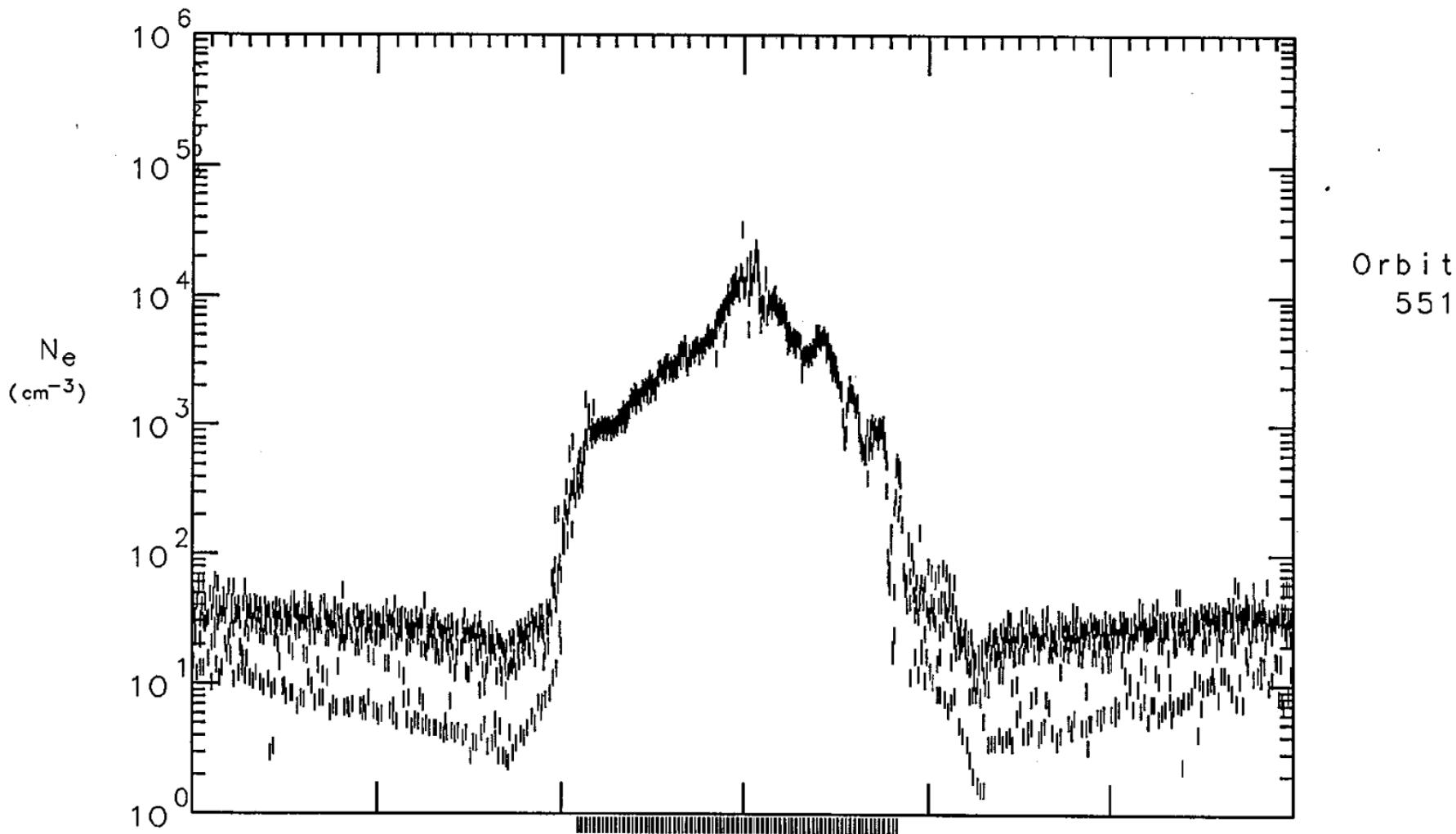
ALT	6409	3728	1316	166	1269	3667	6346	km
LAT	64	73	58	14	-32	-59	-71	deg
LONG	36	-6	-77	-101	-116	-134	-165	deg
SZA	87	99	118	134	116	97	85	deg
LST	17.6	20.3	1.2	2.9	3.9	5.0	6.9	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:11:09

Universal Time, Day 80160

39360	39960	40560	41160	41760	42360	42960	secs
10:56	11: 6	11:16	11:26	11:36	11:46	11:56	hh:mm



ALT	6427	3746	1330	166	1255	3649	6328	km
LAT	64	73	59	14	-31	-59	-71	deg
LONG	38	-4	-75	-99	-114	-133	-163	deg
SZA	87	99	117	132	115	96	84	deg
LST	17.7	20.3	1.3	3.0	4.0	5.1	7.0	hr

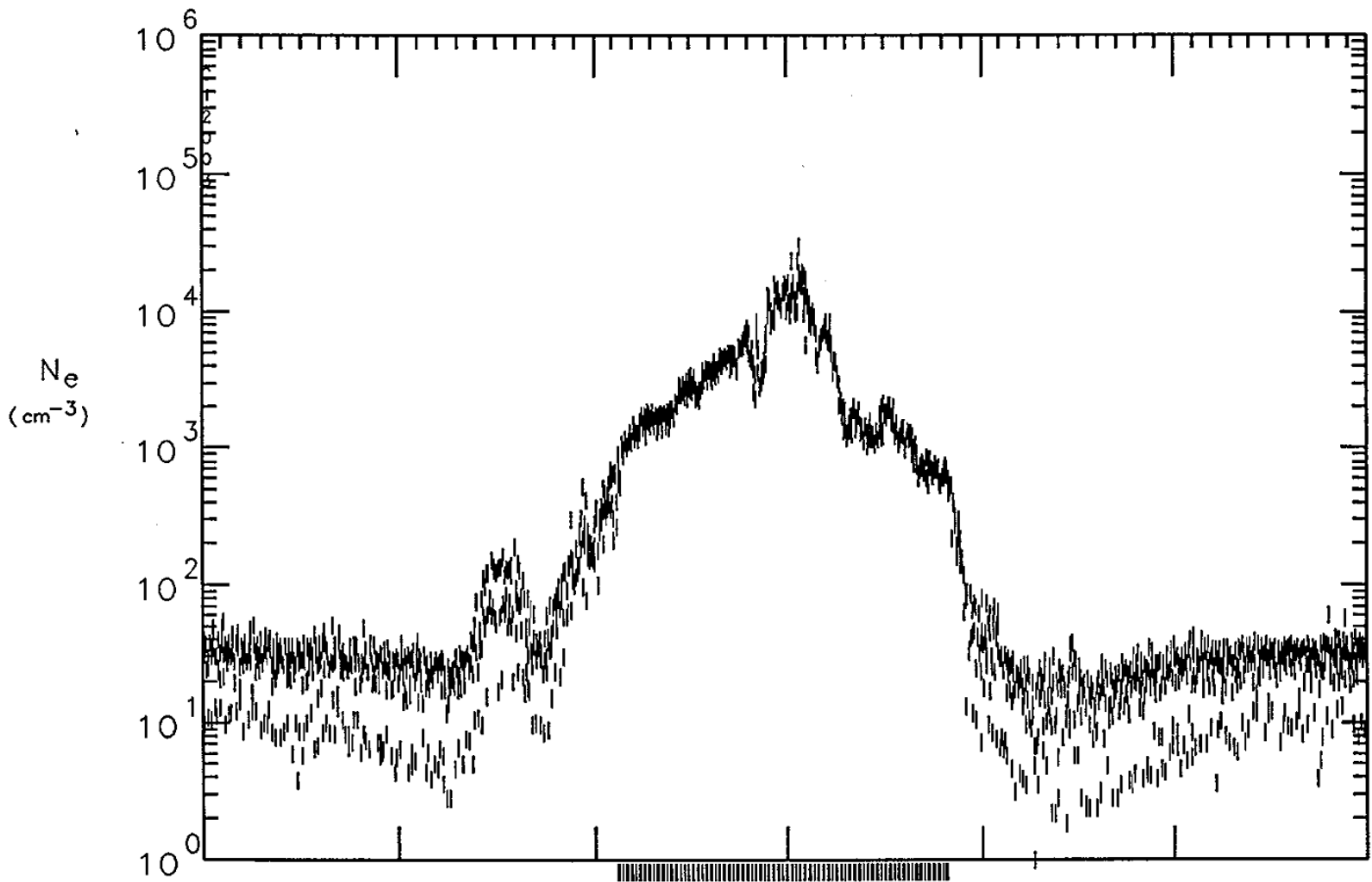
Ne hi-res Radial

Plotted:  
21-JUL-93  
20:18:44

Universal Time, Day 80161

39720	40320	40920	41520	42120	42720	43320
11: 2	11:12	11:22	11:32	11:42	11:52	12: 2

secs  
hh:mm



Orbit  
552

ALT	6441	3760	1340	166	1245	3635	6314	km
LAT	64	73	59	14	-31	-59	-71	deg
LONG	39	-2	-73	-98	-112	-131	-162	deg
SZA	88	99	117	130	114	95	84	deg
LST	17.8	20.4	1.4	3.1	4.1	5.2	7.1	hr

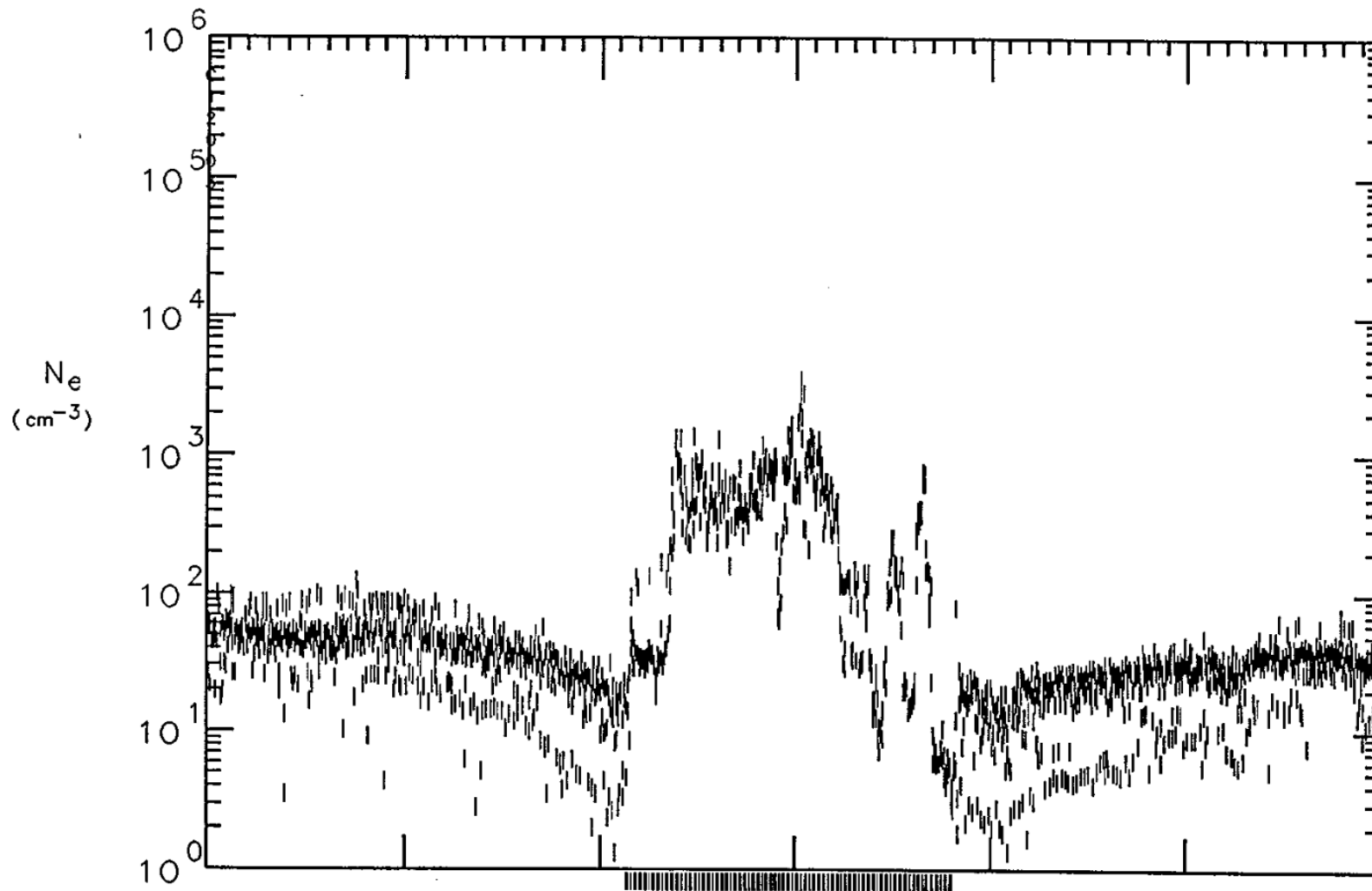
Universal Time, Day 80162

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:26:23

40080	40680	41280	41880	42480	43080	43680
11: 8	11:18	11:28	11:38	11:48	11:58	12: 8

secs  
hh:mm



Orbit  
553

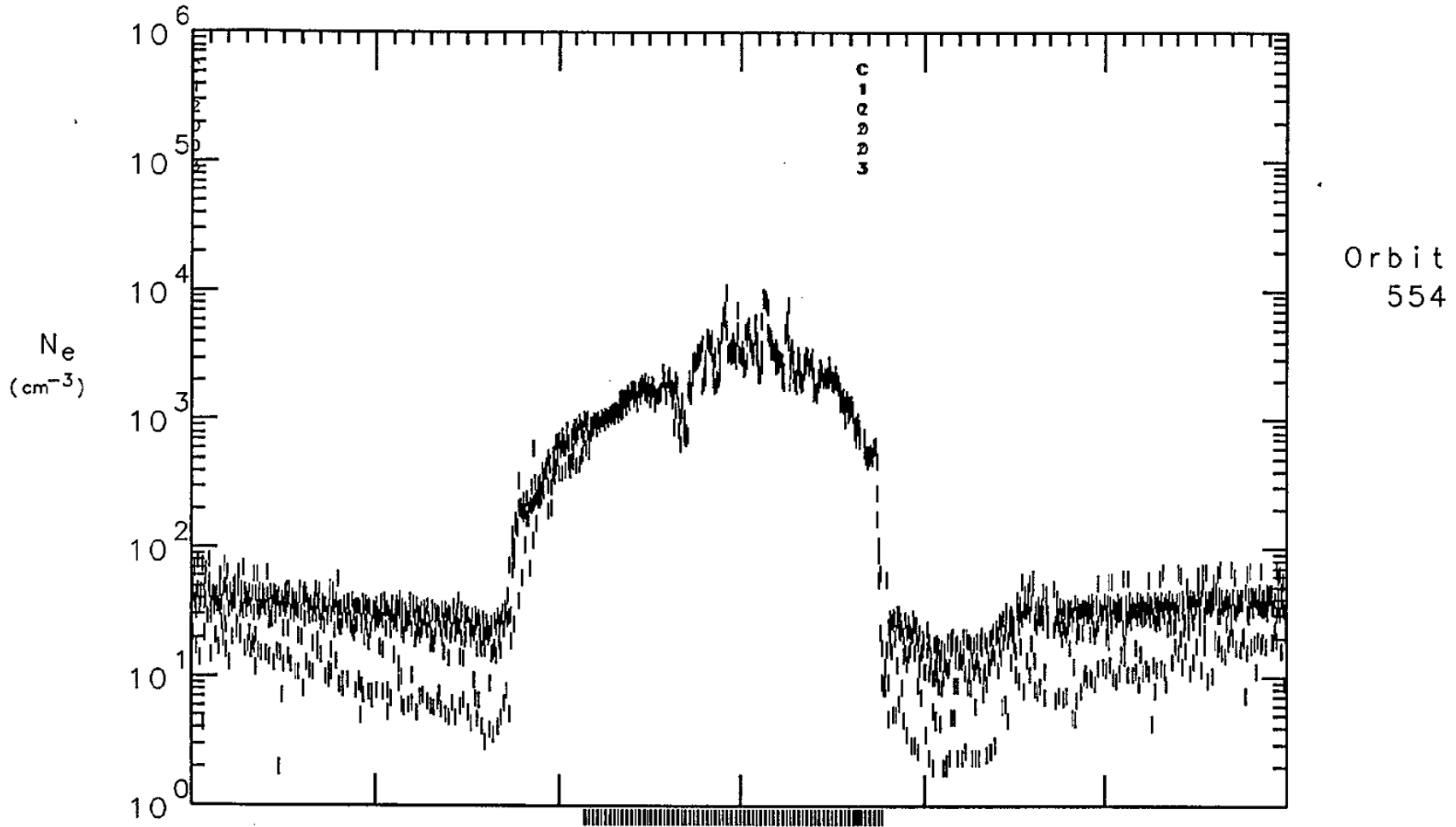
ALT	6451	3770	1348	165	1237	3625	6303	km
LAT	64	73	59	15	-31	-59	-71	deg
LONG	41	-1	-72	-96	-111	-129	-160	deg
SZA	89	99	116	129	113	95	84	deg
LST	17.9	20.5	1.5	3.2	4.2	5.3	7.2	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:34:03

Universal Time, Day 80163

40440	41040	41640	42240	42840	43440	44040	secs
11:14	11:24	11:34	11:44	11:54	12: 4	12:14	hh:mm



ALT	6459	3778	1353	165	1230	3617	6295	km
LAT	64	73	59	15	-31	-59	-71	deg
LONG	43	0	-70	-95	-109	-128	-158	deg
SZA	89	100	116	127	112	94	83	deg
LST	18.0	20.6	1.6	3.3	4.3	5.4	7.3	hr

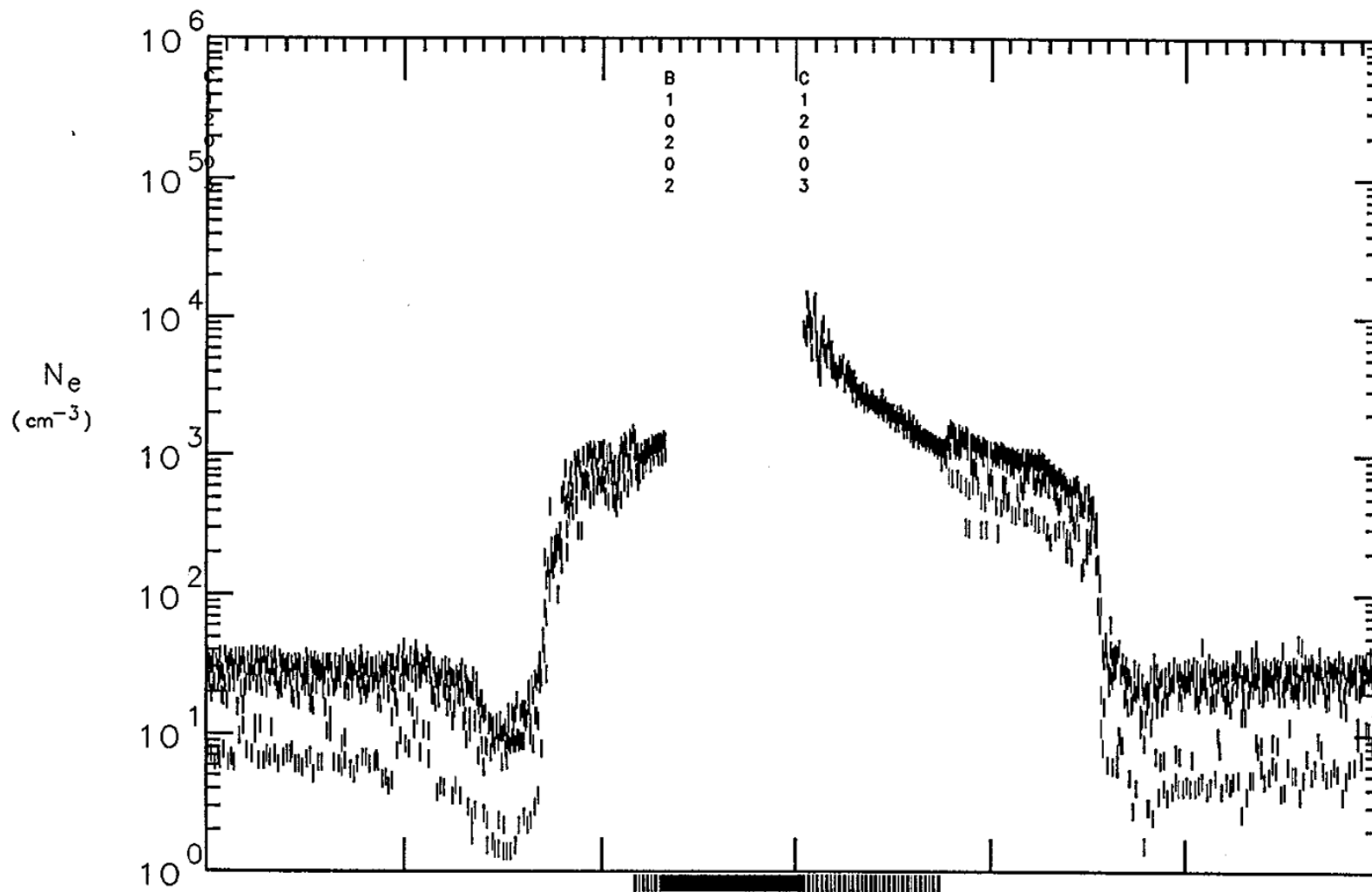
Universal Time, Day 80164

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:41:39

40800	41400	42000	42600	43200	43800	44400
11:20	11:30	11:40	11:50	12: 0	12:10	12:20

secs  
hh:mm



Orbit  
555

ALT	6462	3781	1355	165	1228	3614	6293	km
LAT	64	73	59	15	-31	-59	-71	deg
LONG	44	2	-69	-93	-108	-126	-157	deg
SZA	90	100	115	126	110	93	83	deg
LST	18.1	20.7	1.7	3.4	4.4	5.5	7.4	hr



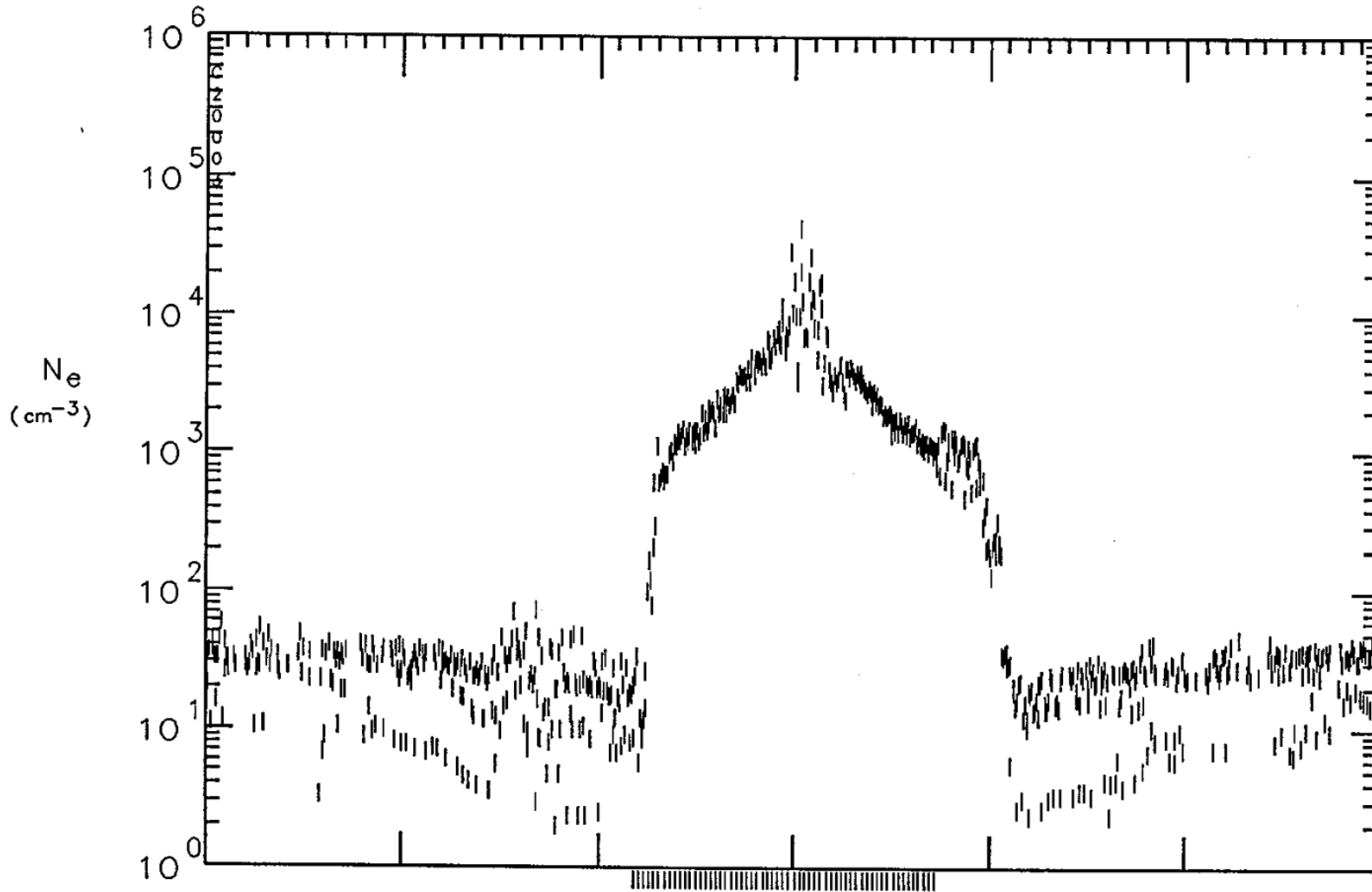
Universal Time, Day 80165

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:48:40

41160	41760	42360	42960	43560	44160	44760
11:26	11:36	11:46	11:56	12: 6	12:16	12:26

secs  
hh:mm



ALT	6462	3780	1354	163	1227	3614	6293	km
LAT	64	73	59	15	-31	-59	-71	deg
LONG	46	3	-67	-92	-106	-125	-155	deg
SZA	90	100	115	124	109	93	83	deg
LST	18.2	20.8	1.8	3.5	4.5	5.6	7.5	hr

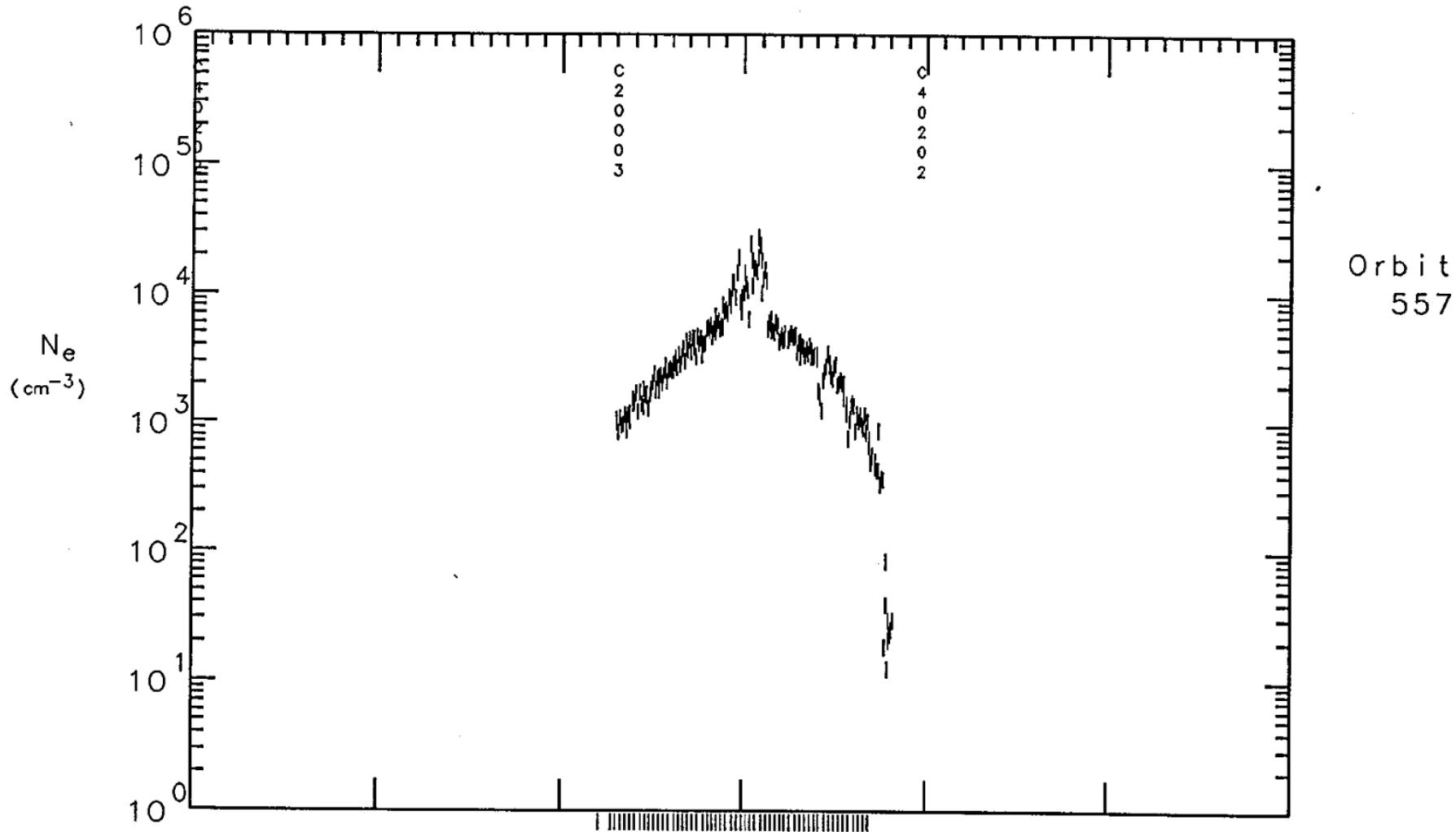
Universal Time, Day 80166

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:53:36

41520	42120	42720	43320	43920	44520	45120
11:32	11:42	11:52	12: 2	12:12	12:22	12:32

secs  
hh:mm



c  
2  
0  
0  
0  
3

d  
4  
0  
2  
0  
2

ALT	6456	3774	1350	163	1231	3619	6299	km
LAT	64	73	59	15	-31	-59	-71	deg
LONG	47	5	-66	-90	-105	-123	-154	deg
SZA	91	100	114	123	108	92	82	deg
LST	18.3	20.9	1.9	3.7	4.6	5.7	7.6	hr

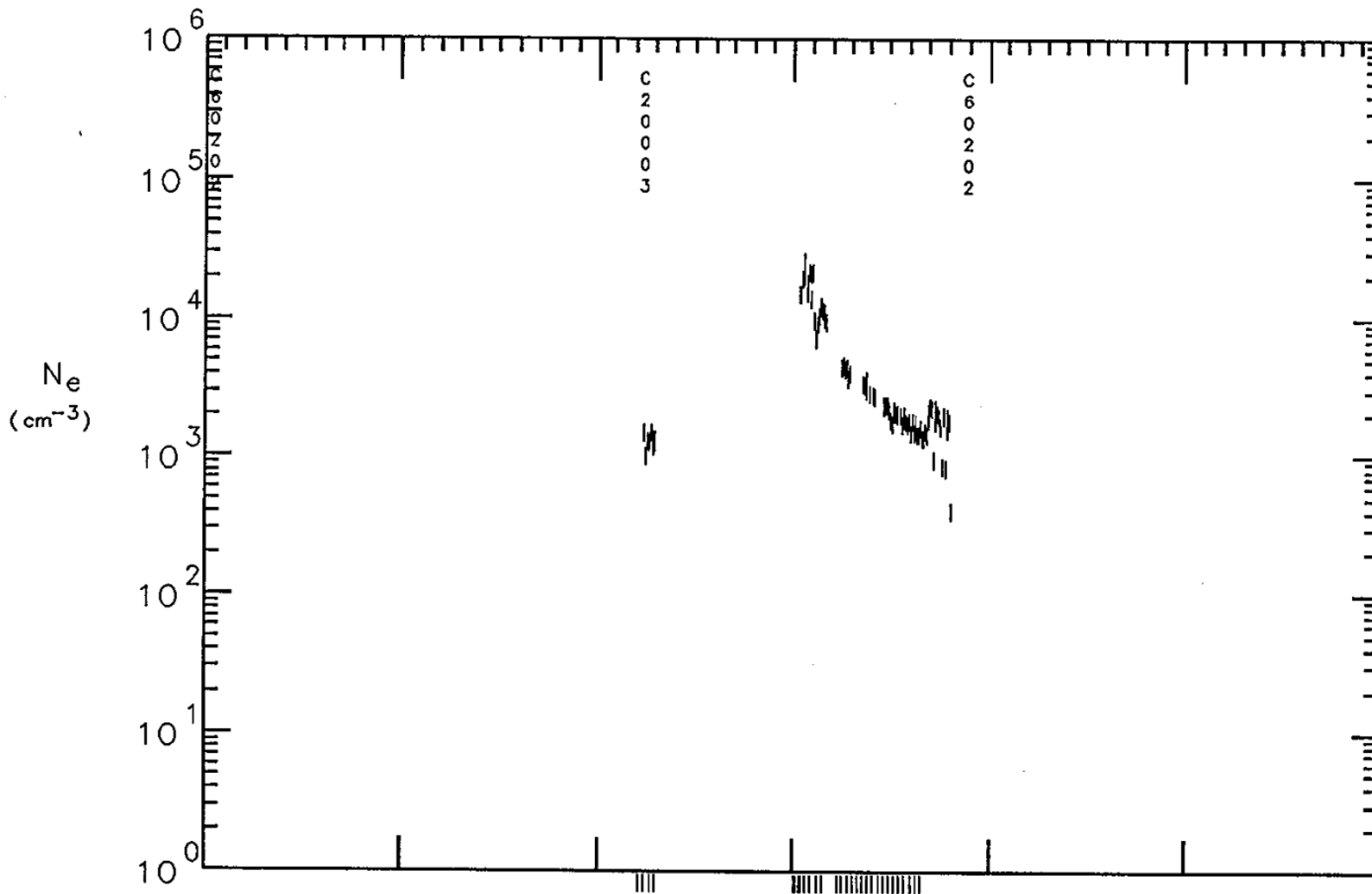
Universal Time, Day 80167

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:57:08

41880	42480	43080	43680	44280	44880	45480
11:38	11:48	11:58	12: 8	12:18	12:28	12:38

secs  
hh:mm



Orbit  
558

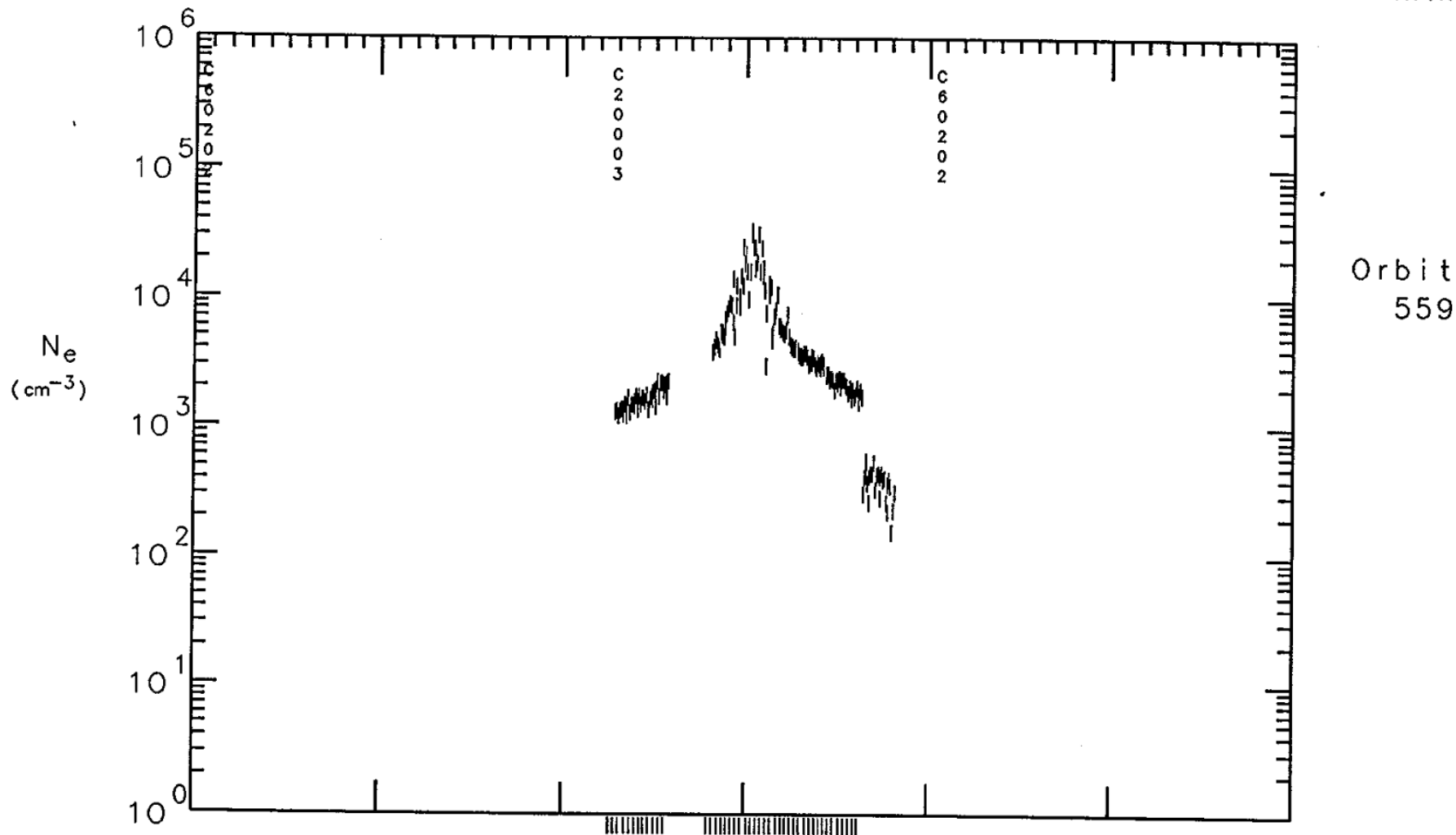
ALT	6447	3765	1342	162	1238	3629	6308	km
LAT	64	73	59	15	-31	-59	-71	deg
LONG	49	6	-64	-89	-103	-122	-153	deg
SZA	92	100	114	121	106	91	82	deg
LST	18.4	21.0	2.1	3.8	4.7	5.9	7.7	hr

Universal Time, Day 80168

Ne hi-res Radial

Plotted:  
21-JUL-93  
20:59:25  
secs  
hh:mm

42240	42840	43440	44040	44640	45240	45840
11:44	11:54	12: 4	12:14	12:24	12:34	12:44



ALT	6433	3751	1330	160	1248	3642	6323	km
LAT	64	73	59	14	-31	-59	-71	deg
LONG	50	7	-63	-88	-102	-120	-151	deg
SZA	92	101	113	120	105	90	81	deg
LST	18.5	21.1	2.2	3.9	4.8	6.0	7.9	hr

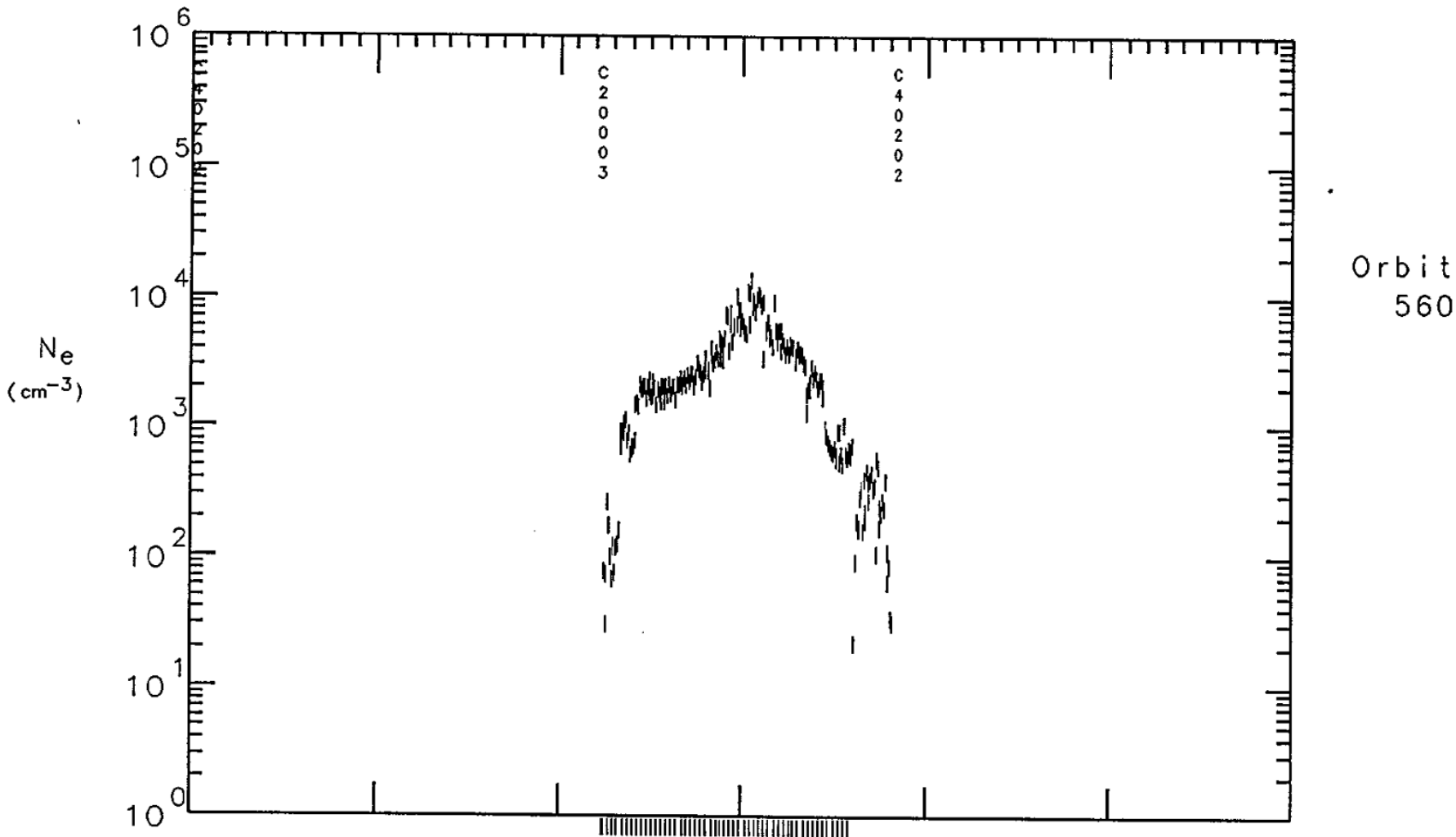
Universal Time, Day 80169

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:03:08

42600	43200	43800	44400	45000	45600	46200
11:50	12: 0	12:10	12:20	12:30	12:40	12:50

secs  
hh:mm



ALT	6414	3732	1315	159	1261	3661	6342	km
LAT	64	74	59	14	-32	-59	-71	deg
LONG	52	8	-62	-86	-101	-119	-150	deg
SZA	93	101	113	118	104	89	81	deg
LST	18.6	21.3	2.3	4.0	4.9	6.1	8.0	hr

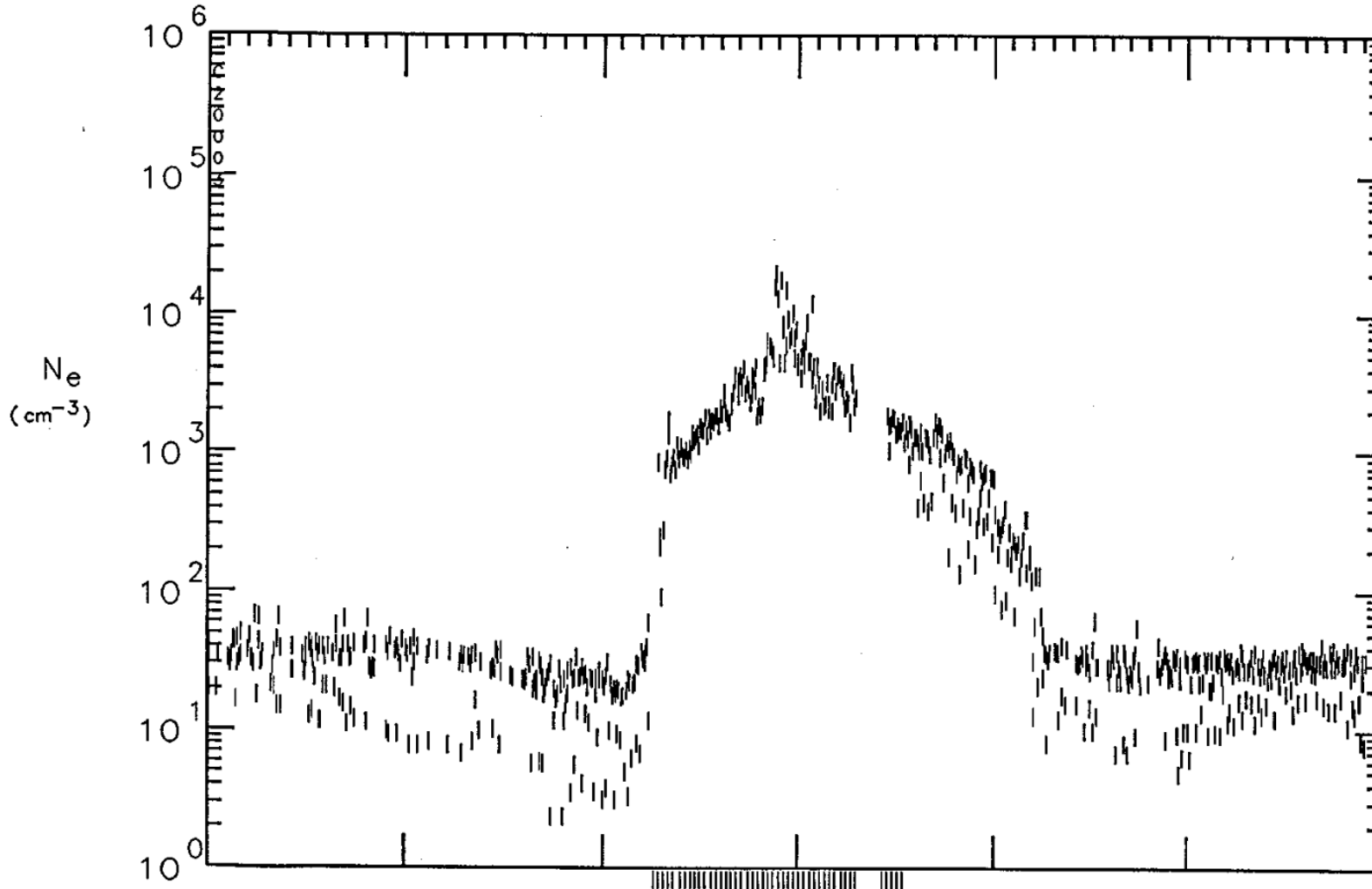
Ne hi-res Radial

Plotted:  
21-JUL-93  
21:06:46

Universal Time, Day 80170

42960	43560	44160	44760	45360	45960	46560
11:56	12: 6	12:16	12:26	12:36	12:46	12:56

secs  
hh:mm



Orbit  
561

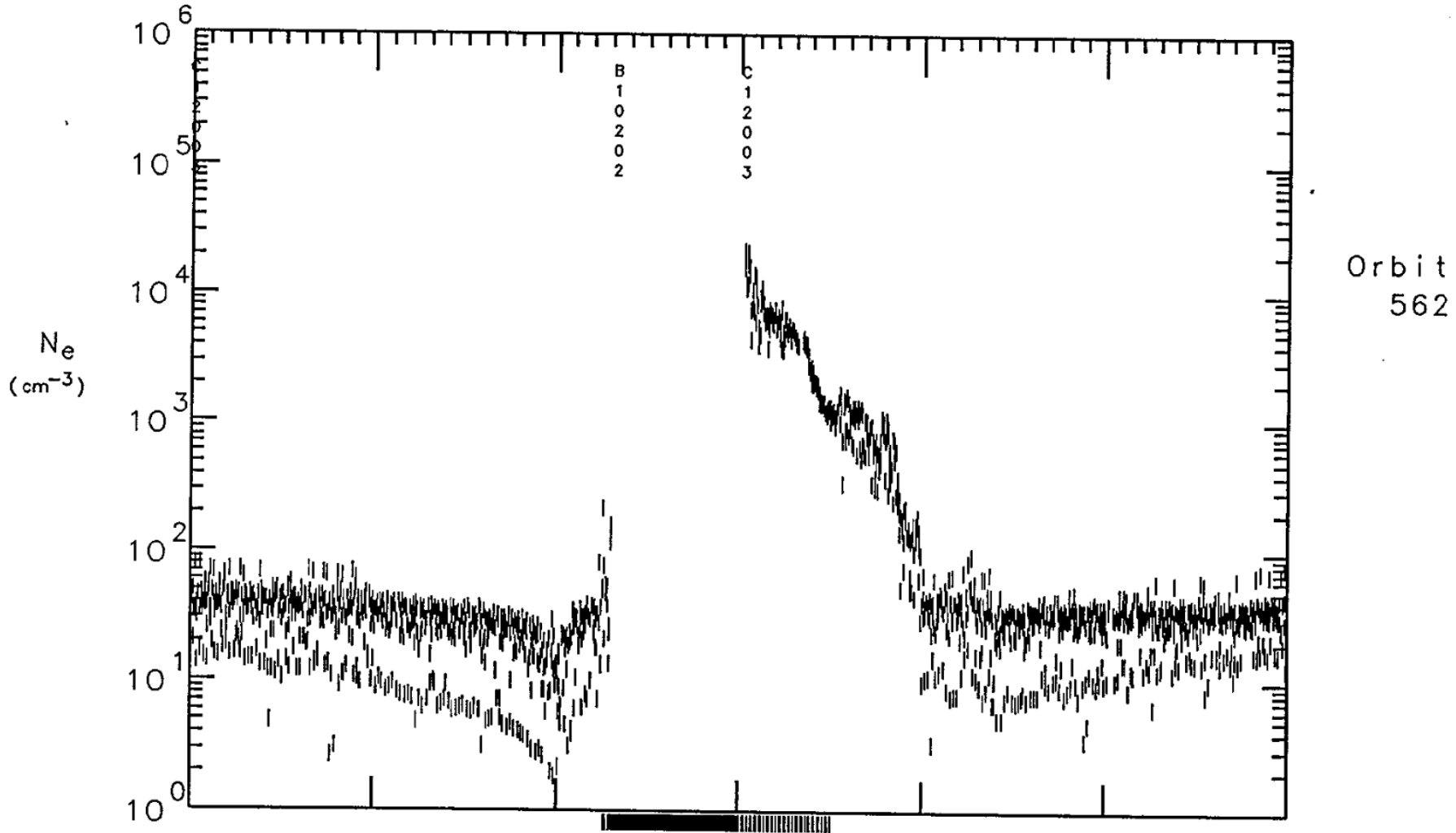
ALT	6392	3710	1298	158	1277	3683	6364	km
LAT	65	74	58	13	-32	-59	-71	deg
LONG	53	9	-61	-85	-99	-118	-149	deg
SZA	93	101	112	117	102	89	81	deg
LST	18.7	21.4	2.4	4.1	5.0	6.2	8.1	hr

Universal Time, Day 80171

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:11:22  
secs  
hh:mm

43320	43920	44520	45120	45720	46320	46920
12: 2	12:12	12:22	12:32	12:42	12:52	13: 2



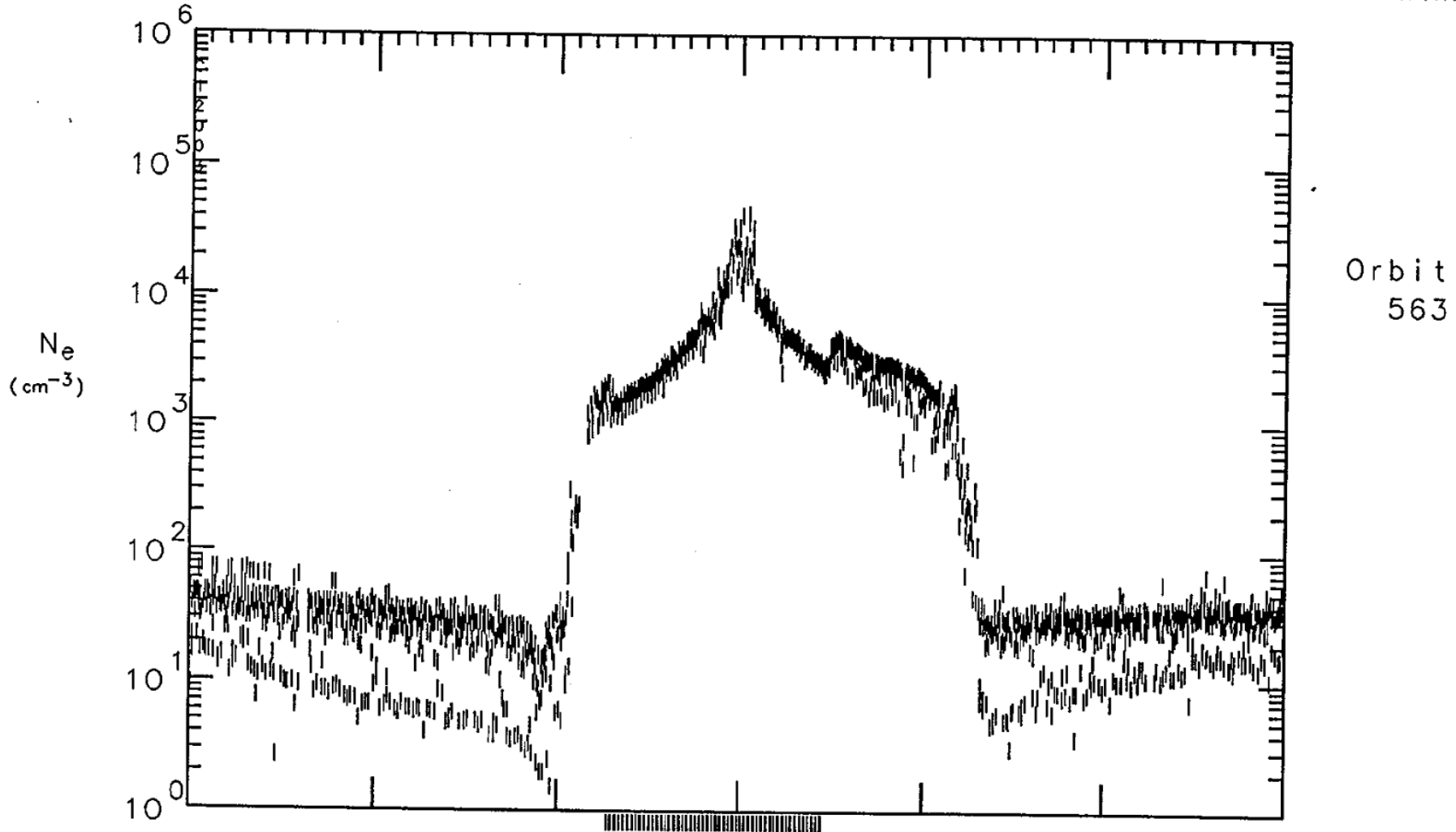
ALT	6366	3684	1278	157	1296	3708	6390	km
LAT	65	74	58	13	-32	-59	-72	deg
LONG	54	10	-60	-83	-98	-116	-148	deg
SZA	94	101	112	115	101	88	80	deg
LST	18.8	21.6	2.6	4.2	5.2	6.3	8.2	hr

Universal Time, Day 80172

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:18:17  
secs  
hh:mm

43680	44280	44880	45480	46080	46680	47280
12: 8	12:18	12:28	12:38	12:48	12:58	13: 8



ALT	6337	3655	1255	157	1318	3737	6420	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	56	10	-59	-82	-96	-115	-147	deg
SZA	95	102	111	113	99	87	80	deg
LST	18.9	21.7	2.7	4.3	5.3	6.4	8.4	hr

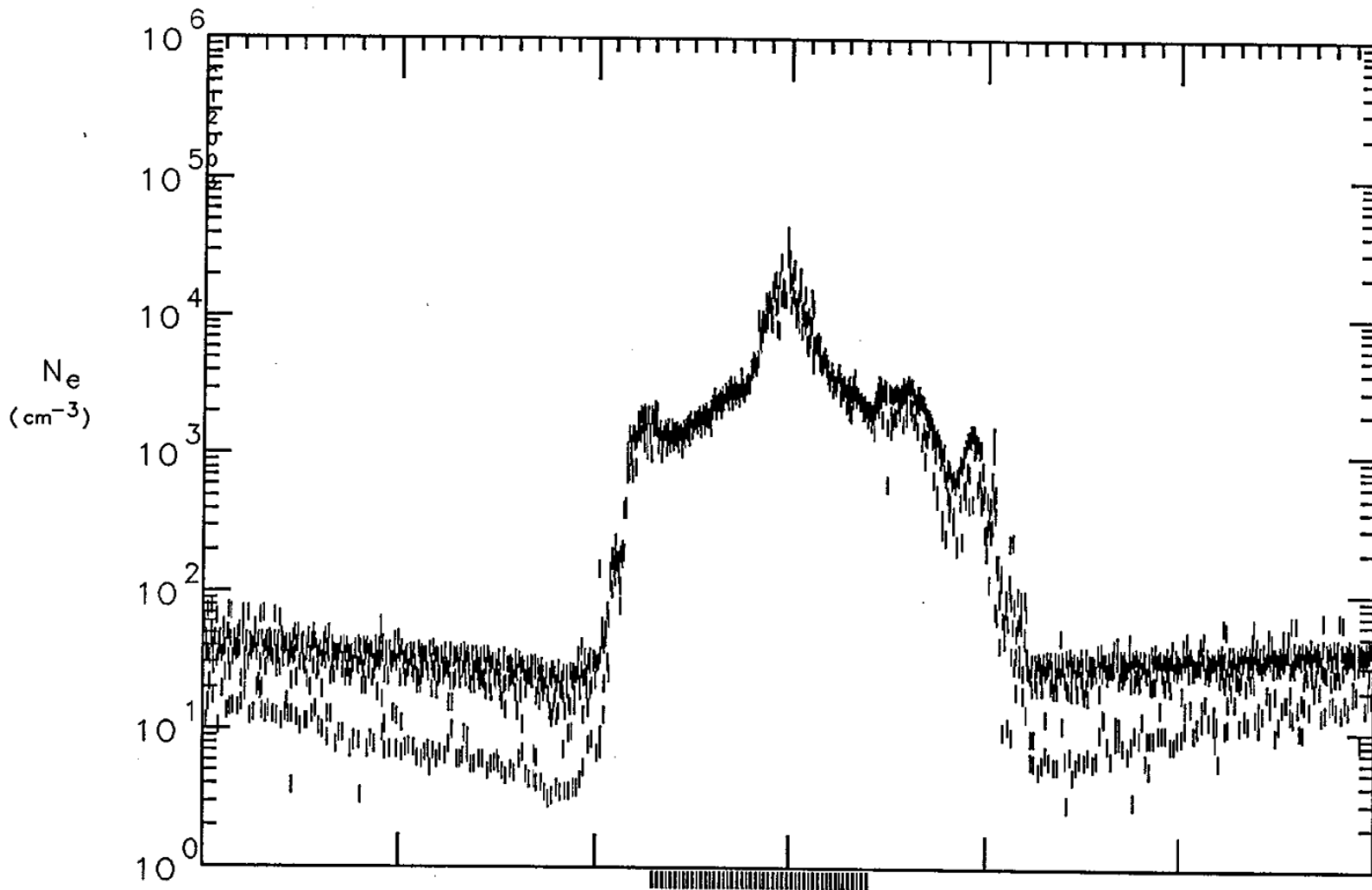


Universal Time, Day 80173

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:25:36  
secs  
hh:mm

44040	44640	45240	45840	46440	47040	47640
12:14	12:24	12:34	12:44	12:54	13: 4	13:14



Orbit  
564

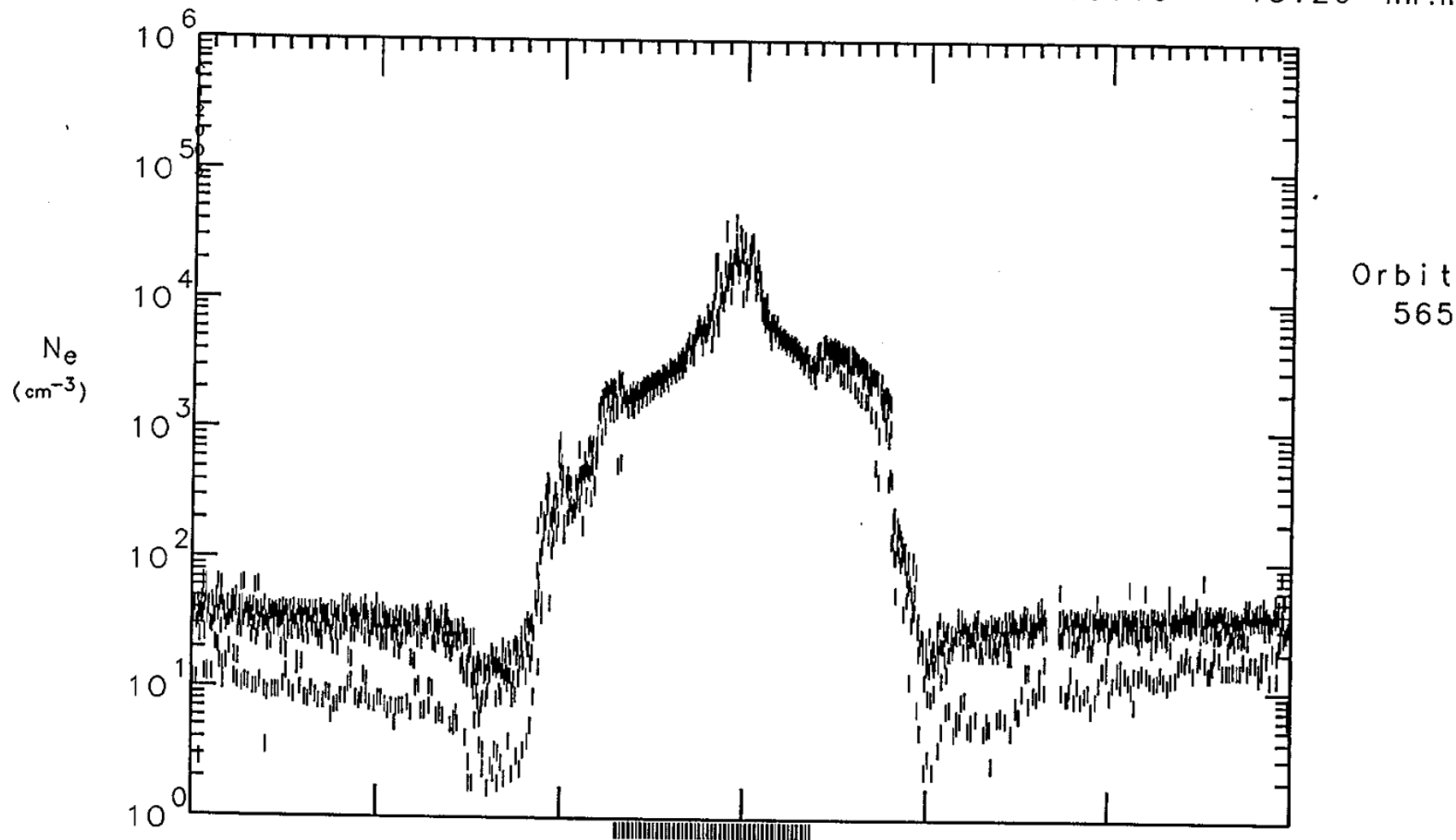
ALT	6302	3620	1229	157	1344	3771	6455	km
LAT	65	74	57	12	-33	-60	-72	deg
LONG	57	11	-58	-81	-95	-114	-146	deg
SZA	95	102	111	112	98	86	80	deg
LST	19.0	21.9	2.9	4.5	5.4	6.5	8.5	hr

Universal Time, Day 80174

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:33:03  
secs  
hh:mm

44400	45000	45600	46200	46800	47400	48000
12:20	12:30	12:40	12:50	13:00	13:10	13:20



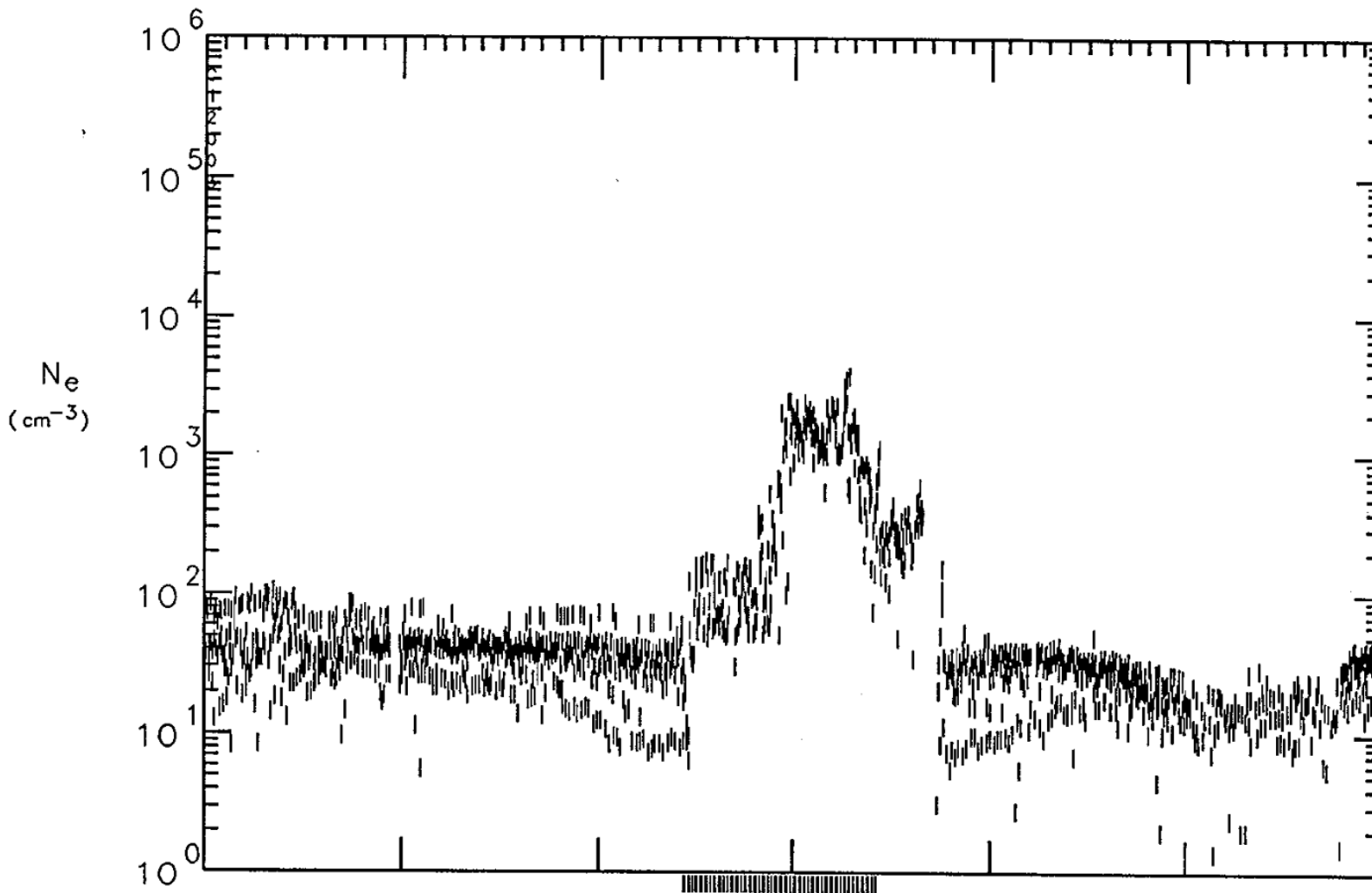
ALT	6262	3582	1199	157	1373	3809	6494	km
LAT	65	74	57	11	-34	-60	-72	deg
LONG	58	11	-57	-80	-94	-113	-145	deg
SZA	96	102	110	110	96	85	79	deg
LST	19.2	22.1	3.0	4.6	5.5	6.7	8.6	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:40:30  
secs  
hh:mm

Universal Time, Day 80175

44700	45300	45900	46500	47100	47700	48300
12:25	12:35	12:45	12:55	13: 5	13:15	13:25



Orbit  
566

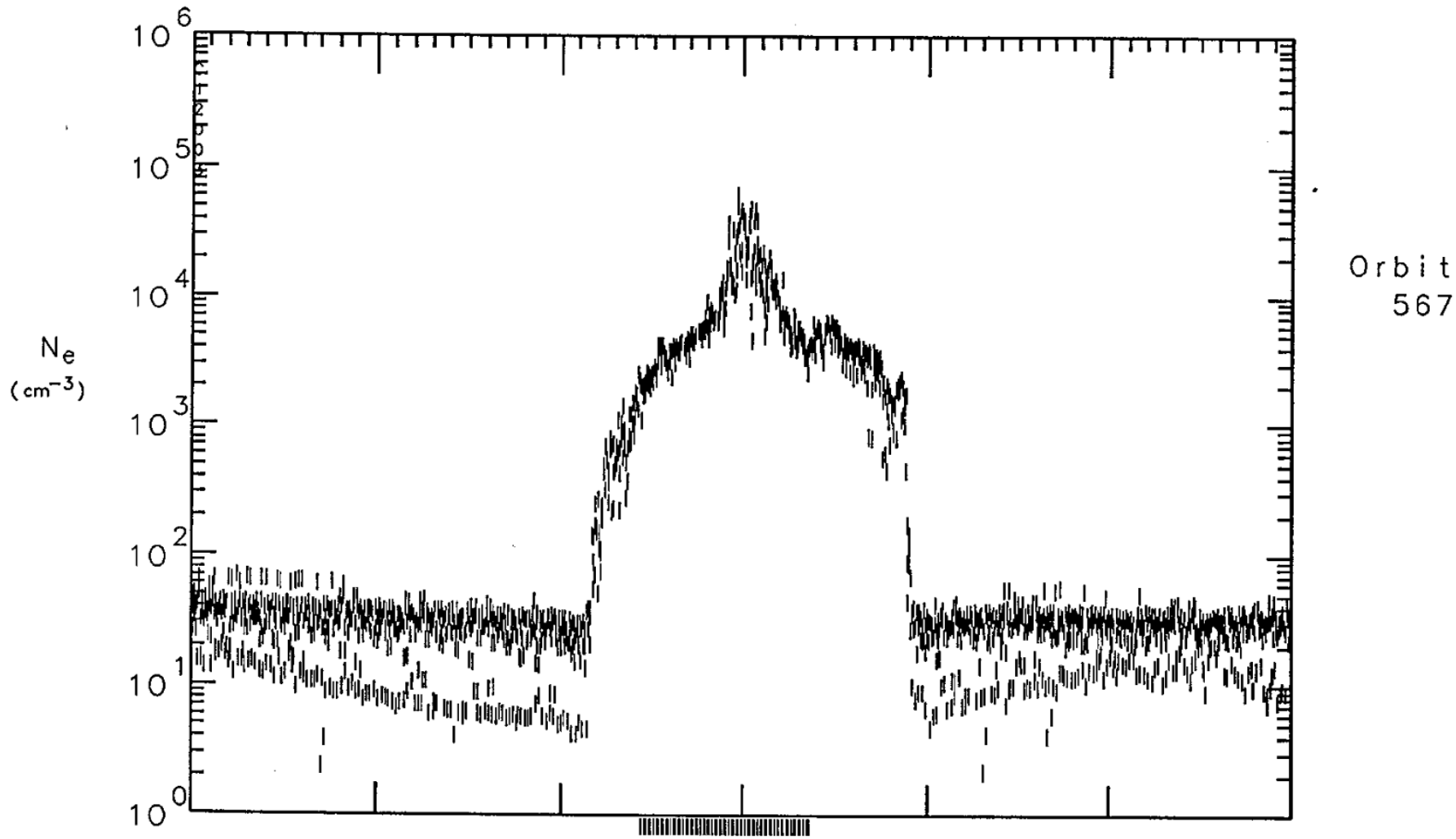
ALT	6486	3801	1366	156	1205	3590	6271	km
LAT	64	74	60	15	-31	-59	-71	deg
LONG	61	19	-52	-77	-91	-109	-140	deg
SZA	96	102	109	109	96	85	79	deg
LST	19.2	21.8	2.9	4.6	5.5	6.7	8.5	hr

Universal Time, Day 80176

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:47:42  
secs  
hh:mm

45060	45660	46260	46860	47460	48060	48660
12:31	12:41	12:51	13: 1	13:11	13:21	13:31



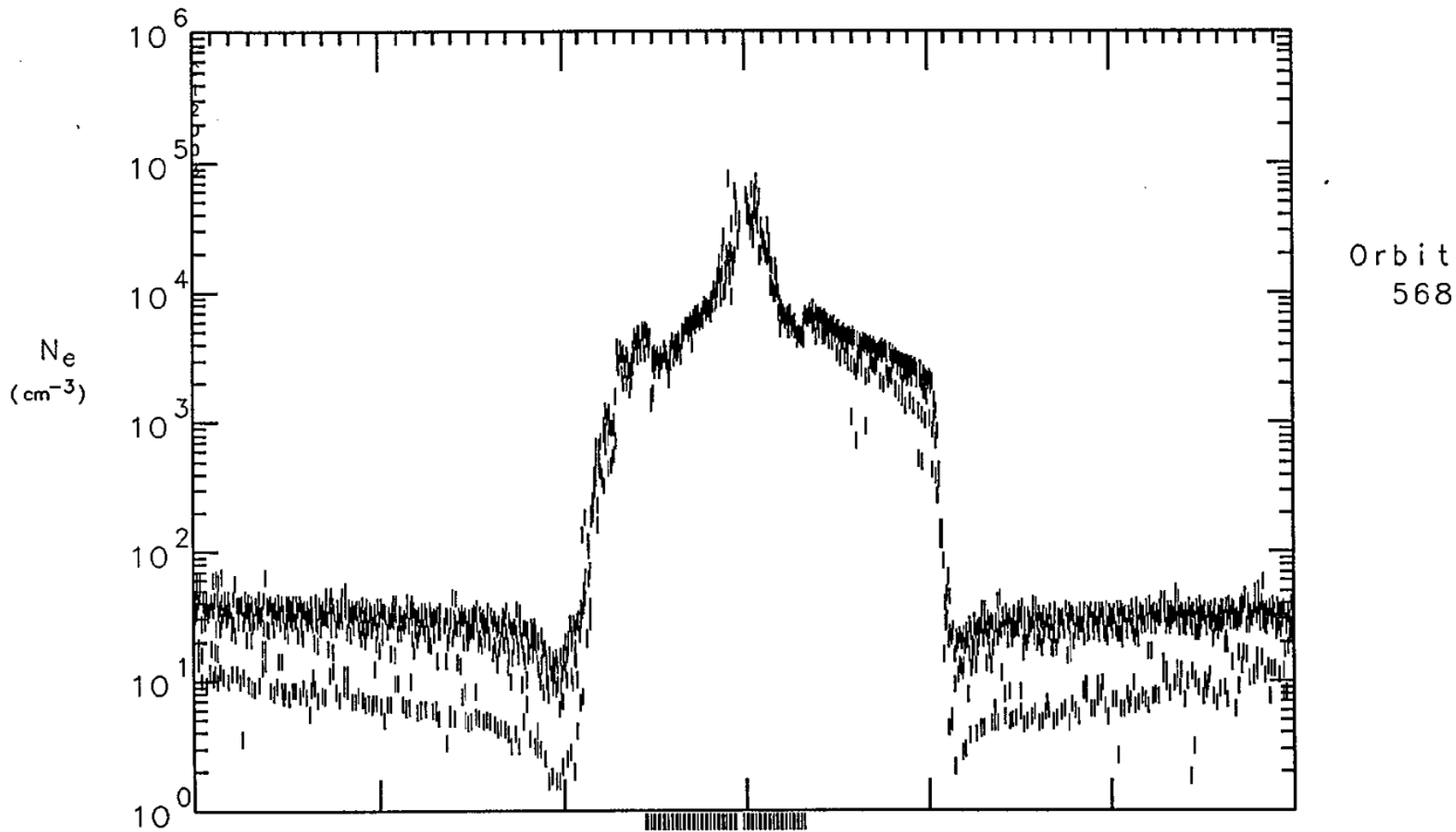
ALT	6437	3752	1328	154	1241	3638	6320	km
LAT	64	74	59	14	-32	-59	-72	deg
LONG	63	20	-51	-76	-90	-108	-139	deg
SZA	97	102	108	108	95	84	79	deg
LST	19.3	22.0	3.0	4.7	5.7	6.8	8.7	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
21:55:06

Universal Time, Day 80177

45420	46020	46620	47220	47820	48420	49020	secs
12:37	12:47	12:57	13: 7	13:17	13:27	13:37	hh:mm



ALT	6380	3696	1285	152	1283	3694	6377	km
LAT	65	74	58	13	-32	-59	-72	deg
LONG	64	19	-51	-74	-89	-107	-138	deg
SZA	97	102	108	106	93	84	79	deg
LST	19.4	22.2	3.2	4.8	5.8	6.9	8.8	hr

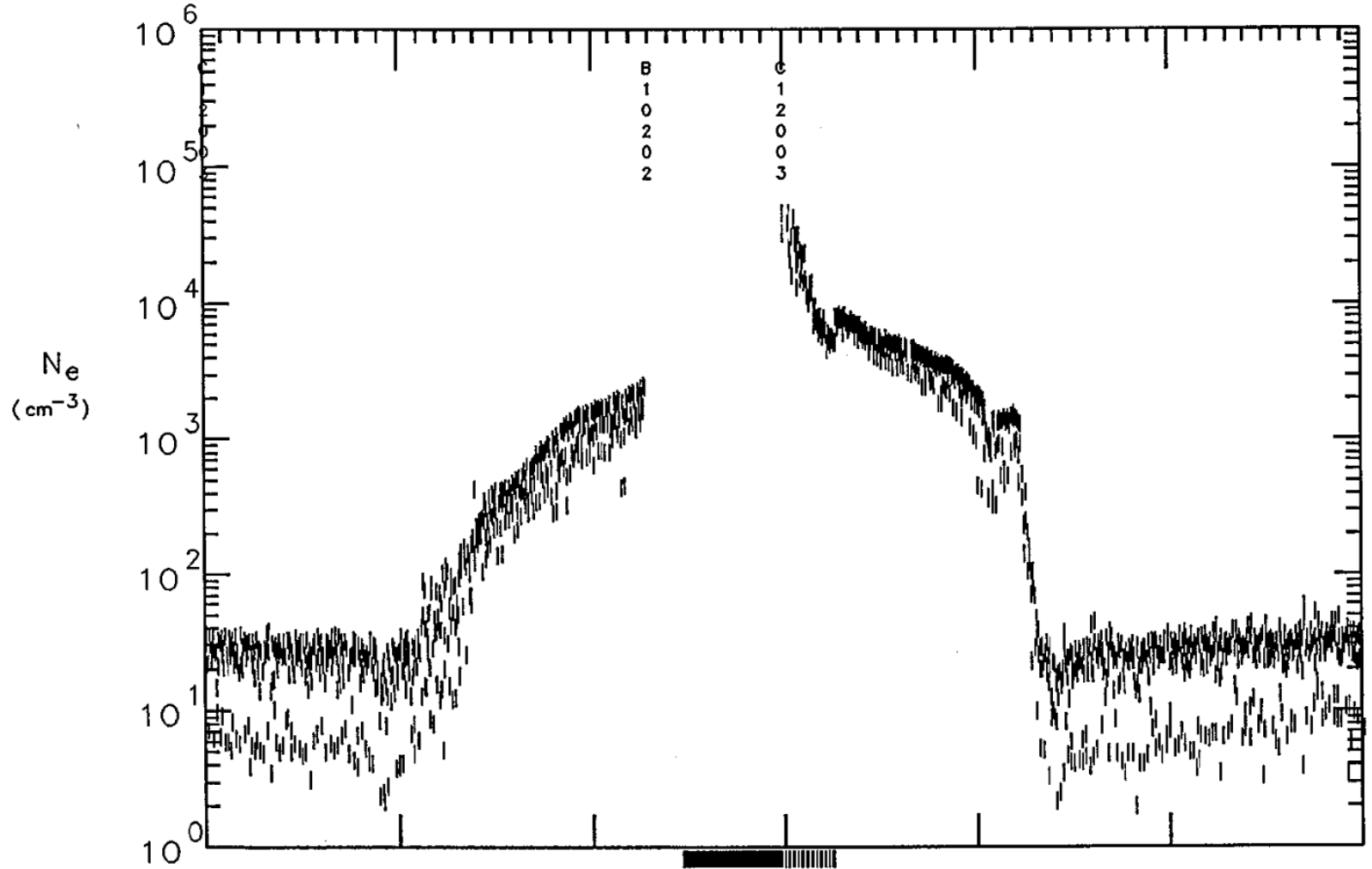
Ne hi-res Radial

Plotted:  
21-JUL-93  
22:02:31

Universal Time, Day 80178

45780	46380	46980	47580	48180	48780	49380
12:43	12:53	13: 3	13:13	13:23	13:33	13:43

secs  
hh:mm



Orbit  
569

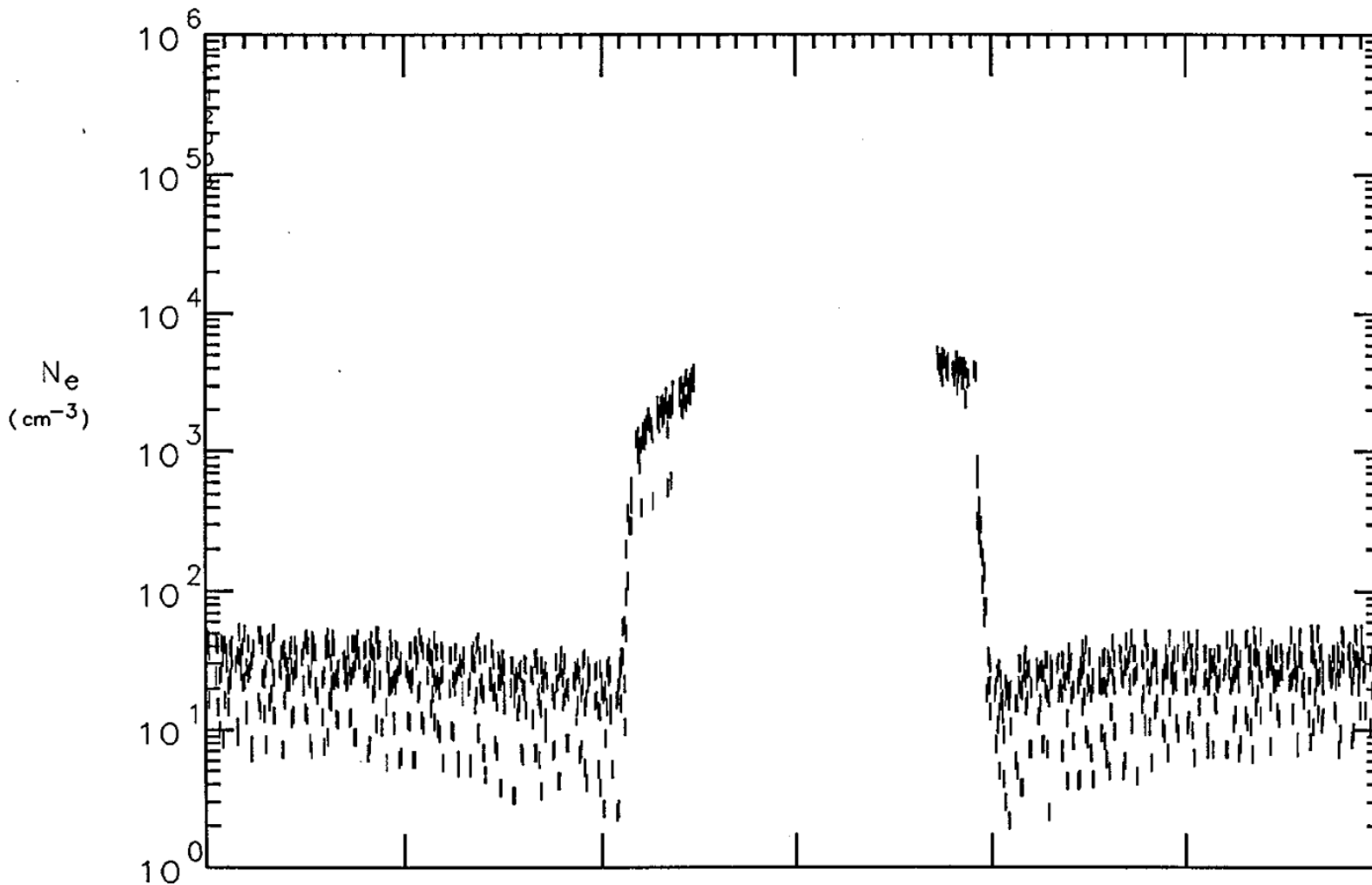
ALT	6311	3628	1232	152	1335	3762	6446	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	65	19	-50	-73	-88	-106	-138	deg
SZA	98	102	107	104	92	83	78	deg
LST	19.6	22.4	3.4	5.0	5.9	7.1	9.0	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
22:09:28

Universal Time, Day 80179

46080	46680	47280	47880	48480	49080	49680	secs
12:48	12:58	13: 8	13:18	13:28	13:38	13:48	hh:mm



Orbit  
570

ALT	6498	3812	1373	153	1194	3577	6259	km
LAT	64	74	60	15	-31	-59	-71	deg
LONG	68	26	-46	-71	-85	-103	-134	deg
SZA	98	102	106	103	91	82	78	deg
LST	19.6	22.2	3.3	5.0	5.9	7.1	8.9	hr

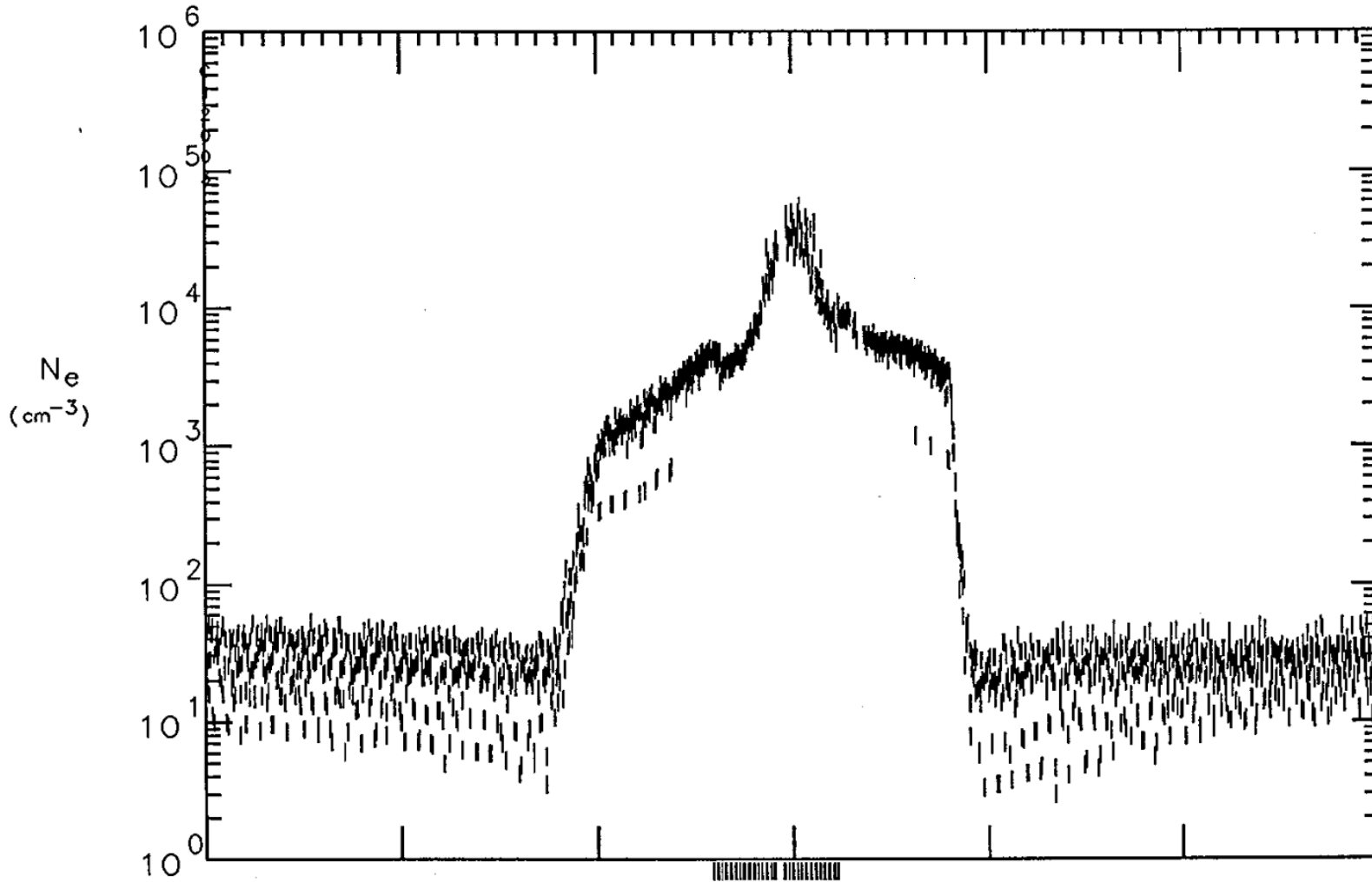
Ne hi-res Radial

Plotted:  
21-JUL-93  
22:15:28

Universal Time, Day 80180

46440	47040	47640	48240	48840	49440	50040
12:54	13: 4	13:14	13:24	13:34	13:44	13:54

secs  
hh:mm



Orbit  
571

ALT	6398	3713	1296	150	1268	3676	6360	km
LAT	65	74	59	14	-32	-59	-72	deg
LONG	68	25	-46	-70	-84	-102	-134	deg
SZA	99	102	105	101	89	81	78	deg
LST	19.7	22.4	3.5	5.2	6.1	7.2	9.1	hr

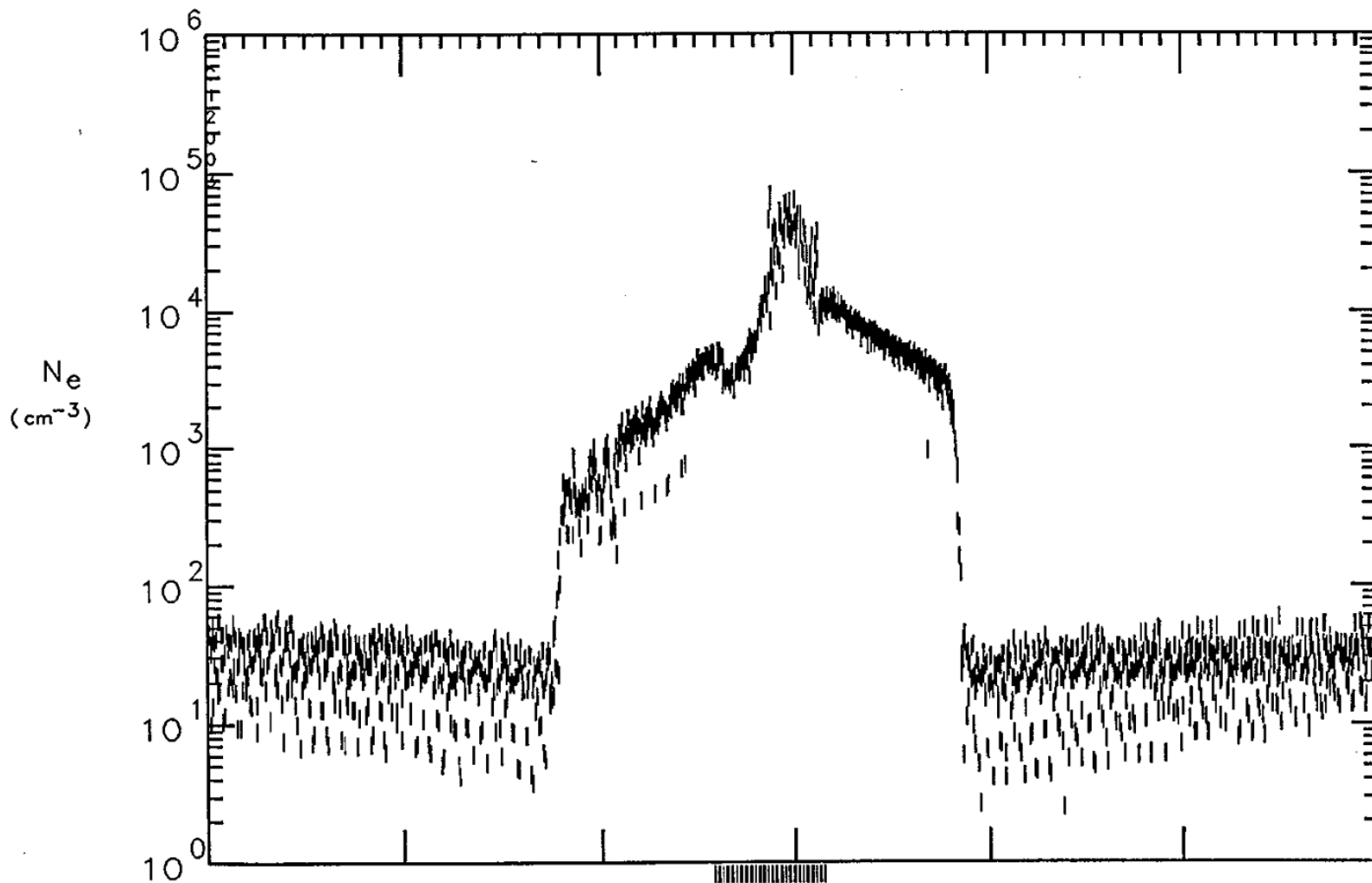


Ne hi-res Radial

Plotted:  
21-JUL-93  
22:23:02

Universal Time, Day 80181

46800	47400	48000	48600	49200	49800	50400	secs
13: 0	13:10	13:20	13:30	13:40	13:50	14: 0	hh:mm



Orbit  
572

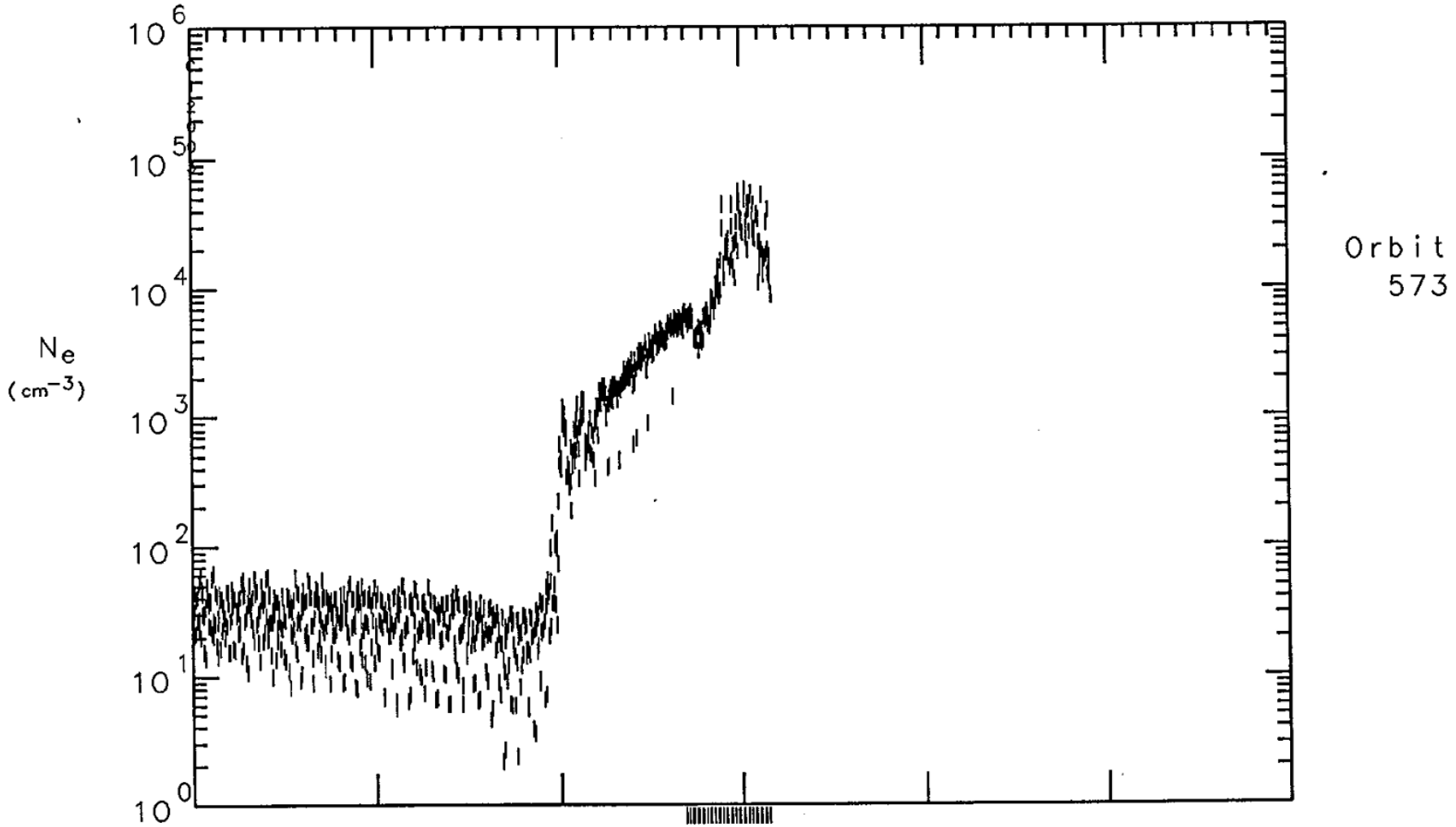
ALT	6282	3599	1209	151	1355	3790	6476	km
LAT	65	74	57	11	-34	-60	-72	deg
LONG	69	23	-46	-69	-83	-102	-134	deg
SZA	100	103	105	99	88	81	77	deg
LST	19.9	22.8	3.7	5.3	6.2	7.4	9.3	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
22:30:43

Universal Time, Day 80182

47100	47700	48300	48900	49500	50100	50700	secs
13: 5	13:15	13:25	13:35	13:45	13:55	14: 5	hh:mm



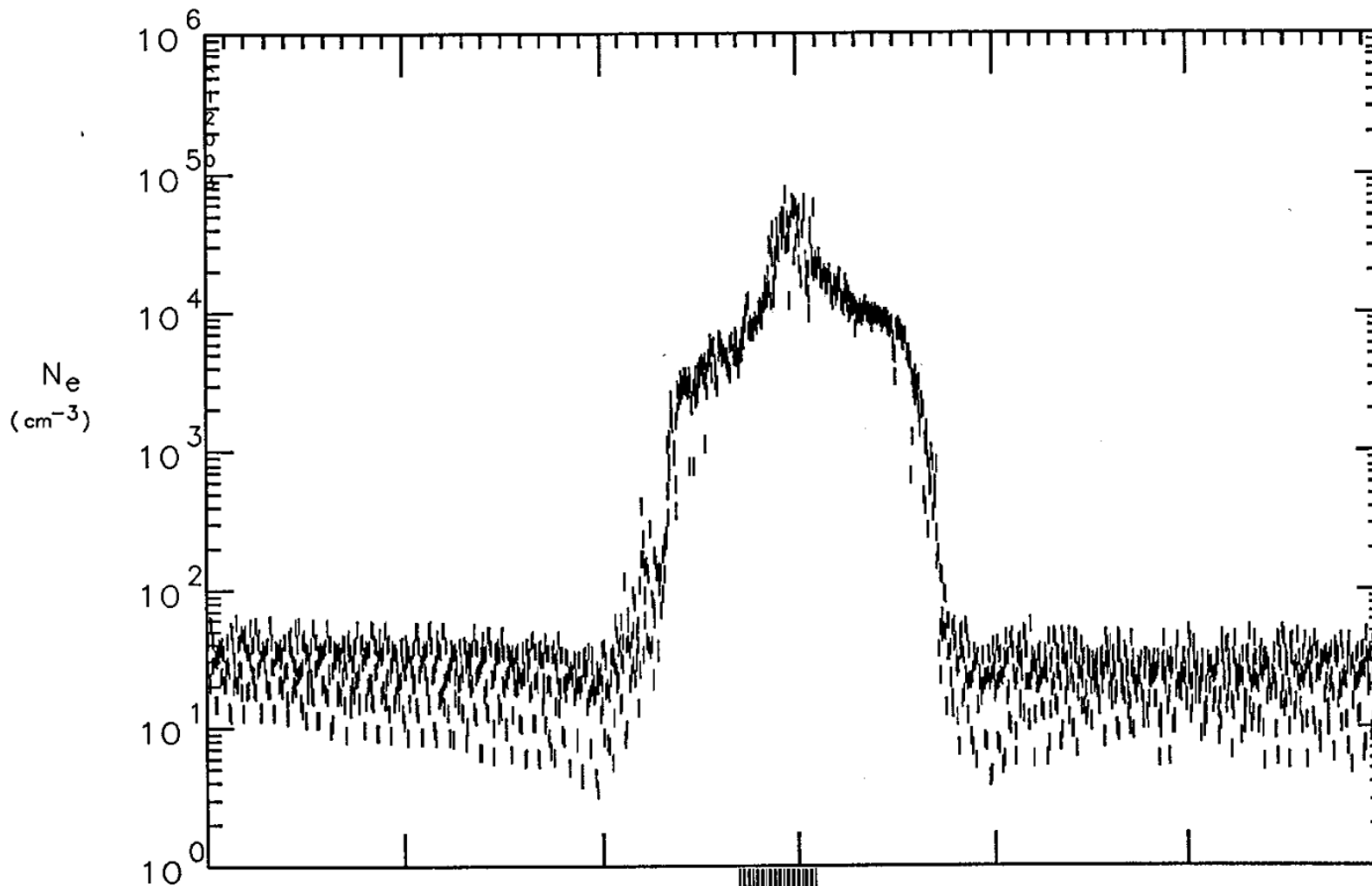
ALT	6425	3740	1316	149	1247	3649	6332	km
LAT	64	74	59	14	-32	-59	-72	deg
LONG	72	28	-43	-67	-81	-99	-130	deg
SZA	100	102	104	98	87	80	77	deg
LST	19.9	22.6	3.7	5.4	6.3	7.4	9.3	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
22:36:30

Universal Time, Day 80183

47460	48060	48660	49260	49860	50460	51060	secs
13:11	13:21	13:31	13:41	13:51	14: 1	14:11	hh:mm



Orbit  
574

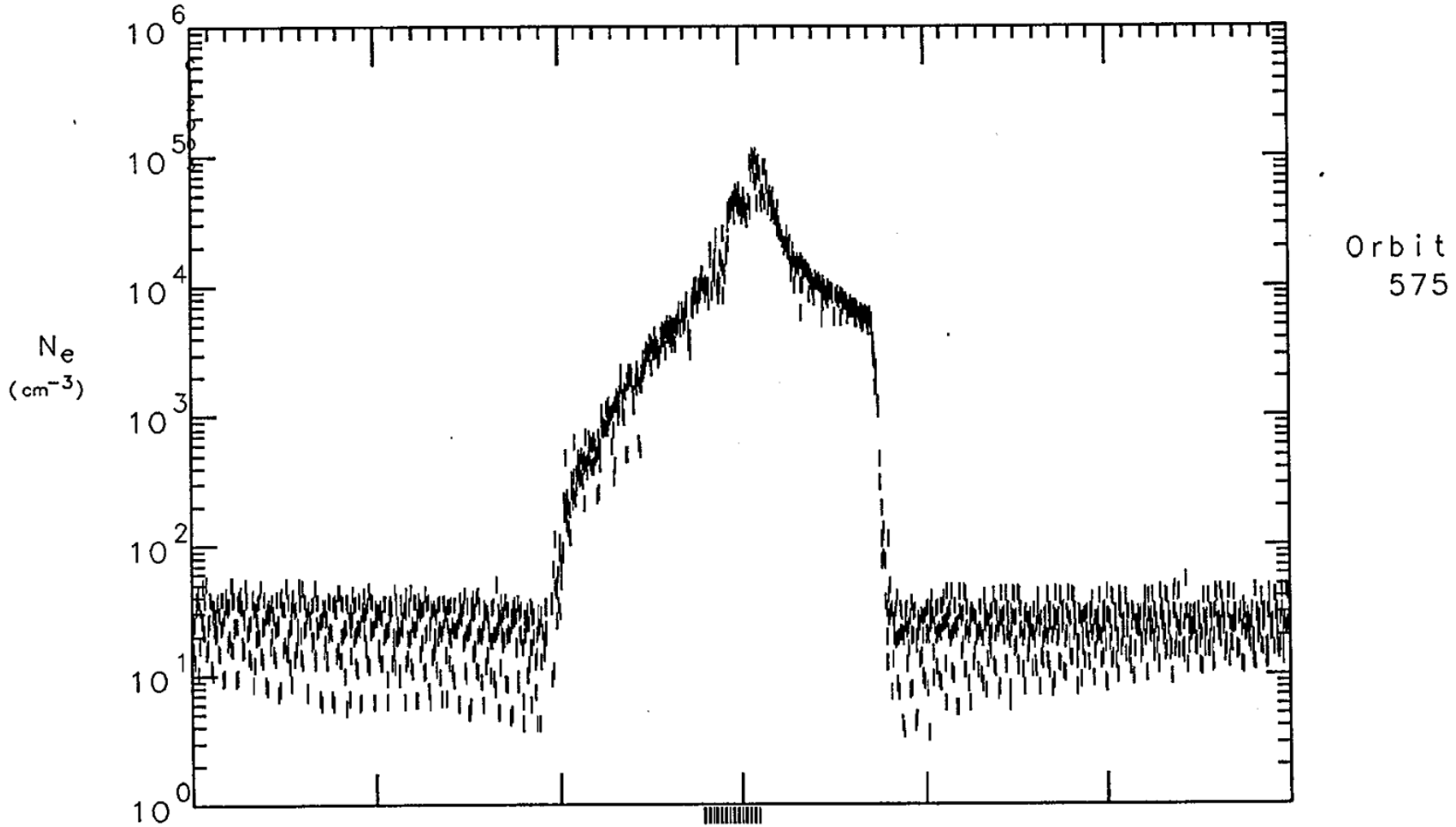
ALT	6290	3606	1215	150	1349	3782	6468	km
LAT	65	74	57	11	-34	-60	-72	deg
LONG	72	26	-43	-66	-80	-99	-131	deg
SZA	101	103	103	96	85	79	77	deg
LST	20.1	23.0	3.9	5.5	6.4	7.6	9.5	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
22:44:11

Universal Time, Day 80184

47760	48360	48960	49560	50160	50760	51360	secs
13:16	13:26	13:36	13:46	13:56	14: 6	14:16	hh:mm



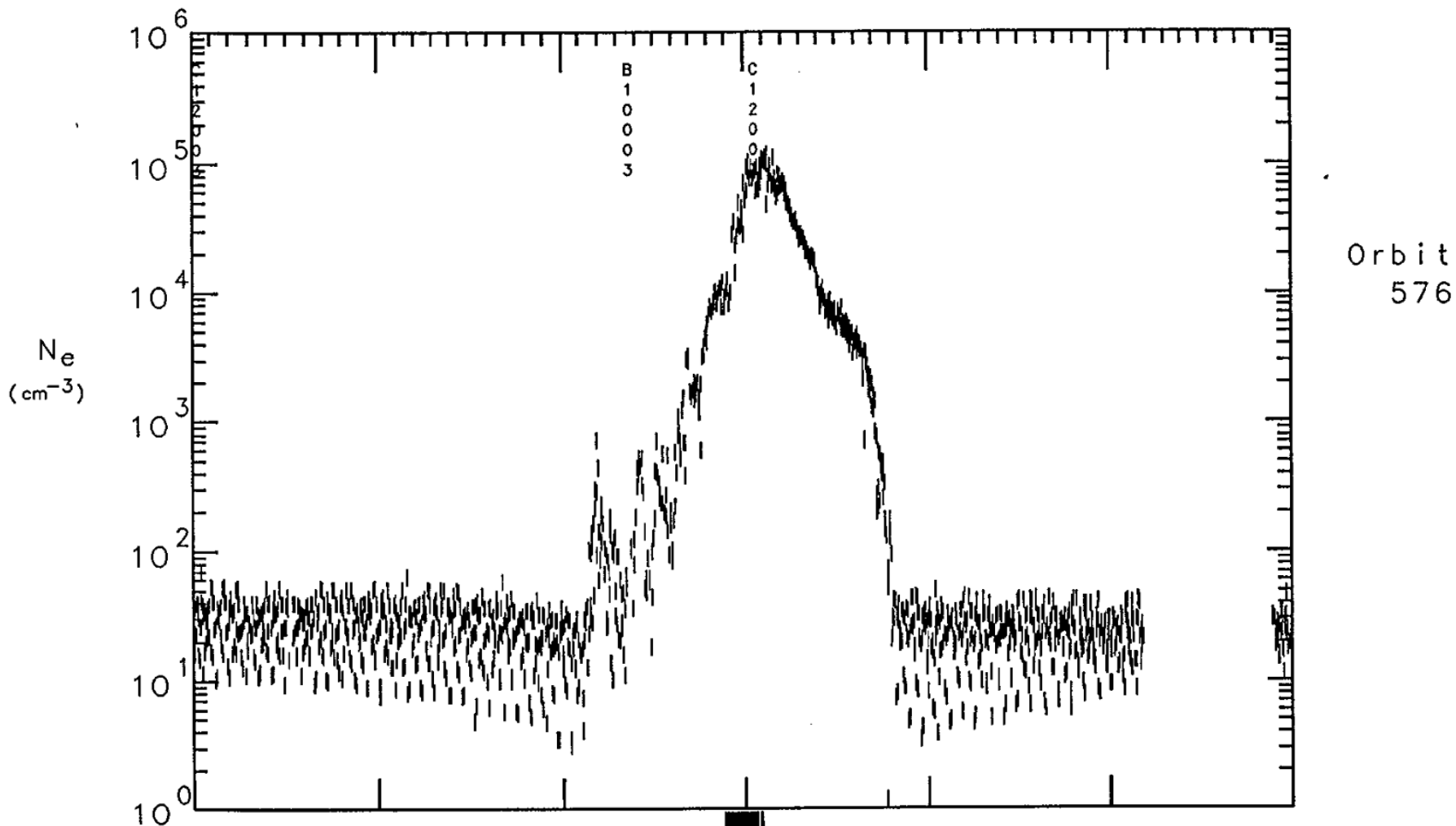
ALT	6408	3723	1303	148	1259	3665	6350	km
LAT	65	74	59	14	-32	-59	-72	deg
LONG	75	31	-40	-64	-78	-96	-128	deg
SZA	101	103	102	95	84	79	77	deg
LST	20.1	22.8	3.9	5.6	6.5	7.6	9.5	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
22:51:53

Universal Time, Day 80185

48060	48660	49260	49860	50460	51060	51660	secs
13:21	13:31	13:41	13:51	14: 1	14:11	14:21	hh:mm



ALT	6510	3823	1381	151	1183	3565	6248	km
LAT	64	74	60	16	-31	-59	-71	deg
LONG	77	35	-37	-62	-76	-94	-125	deg
SZA	102	103	102	94	83	78	77	deg
LST	20.2	22.7	3.9	5.6	6.6	7.7	9.6	hr

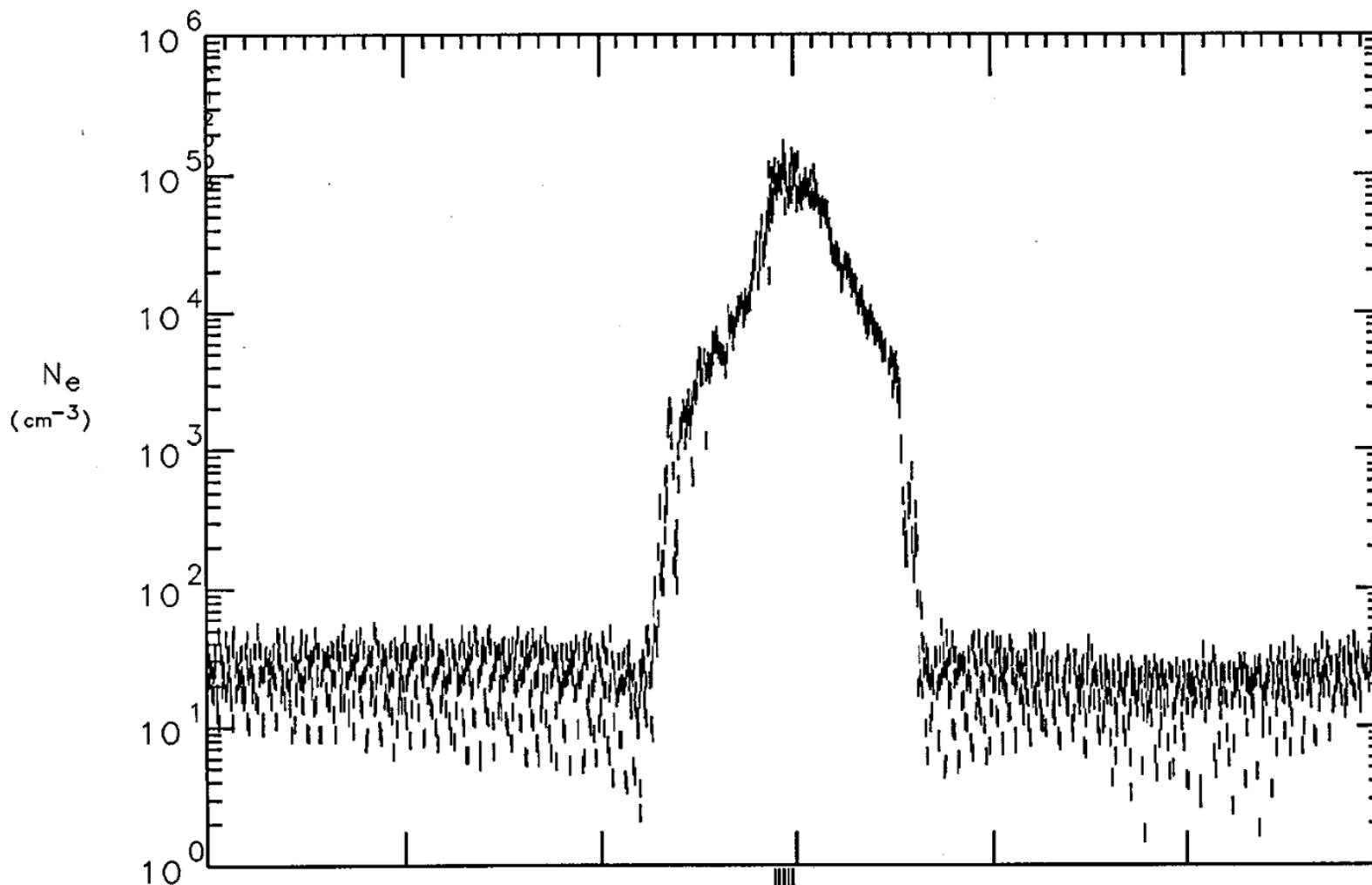
Ne hi-res Radial

Plotted:  
21-JUL-93  
22:59:20

Universal Time, Day 80186

48420	49020	49620	50220	50820	51420	52020
13:27	13:37	13:47	13:57	14: 7	14:17	14:27

secs  
hh:mm



Orbit  
577

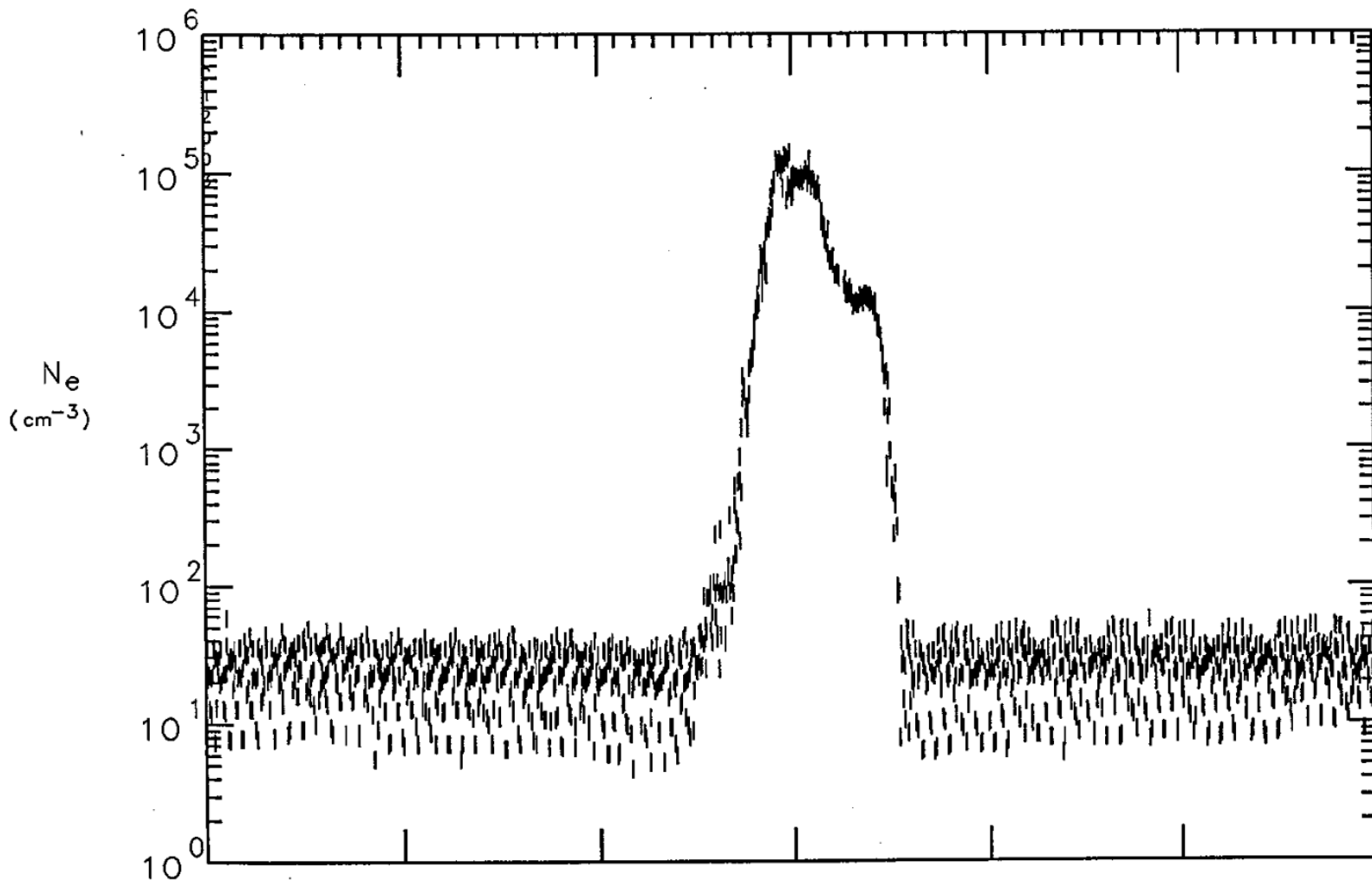
ALT	6327	3643	1241	148	1320	3745	6431	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	77	32	-38	-61	-75	-94	-126	deg
SZA	102	103	101	92	81	77	76	deg
LST	20.4	23.2	4.2	5.8	6.7	7.9	9.8	hr

Ne hi-res Radial

Plotted:  
21-JUL-93  
23:06:54

Universal Time, Day 80187

48720	49320	49920	50520	51120	51720	52320	secs
13:32	13:42	13:52	14: 2	14:12	14:22	14:32	hh:mm



Orbit  
578

ALT	6384	3699	1284	147	1277	3689	6374	km
LAT	65	74	59	13	-32	-59	-72	deg
LONG	79	35	-36	-60	-74	-92	-123	deg
SZA	103	103	100	90	80	77	76	deg
LST	20.5	23.2	4.3	5.9	6.8	8.0	9.9	hr

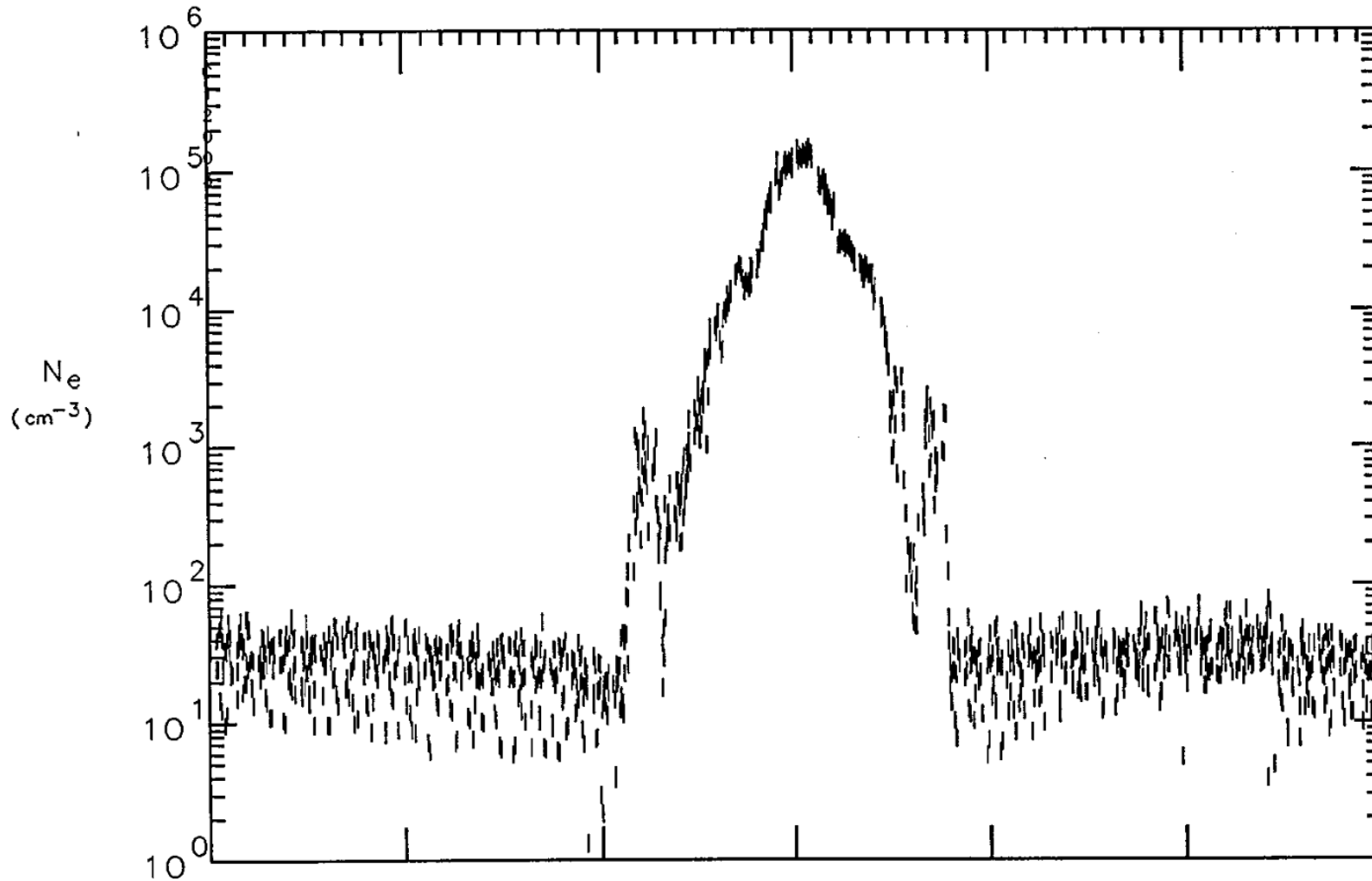
Universal Time, Day 80188

Ne hi-res Radial

Plotted:  
21-JUL-93  
23:14:27

49020	49620	50220	50820	51420	52020	52620
13:37	13:47	13:57	14: 7	14:17	14:27	14:37

secs  
hh:mm



Orbit  
579

ALT	6418	3733	1310	148	1251	3655	6339	km
LAT	64	74	59	14	-32	-59	-72	deg
LONG	81	37	-34	-58	-72	-90	-121	deg
SZA	103	103	99	89	79	76	76	deg
LST	20.5	23.2	4.3	6.0	6.9	8.1	10.0	hr

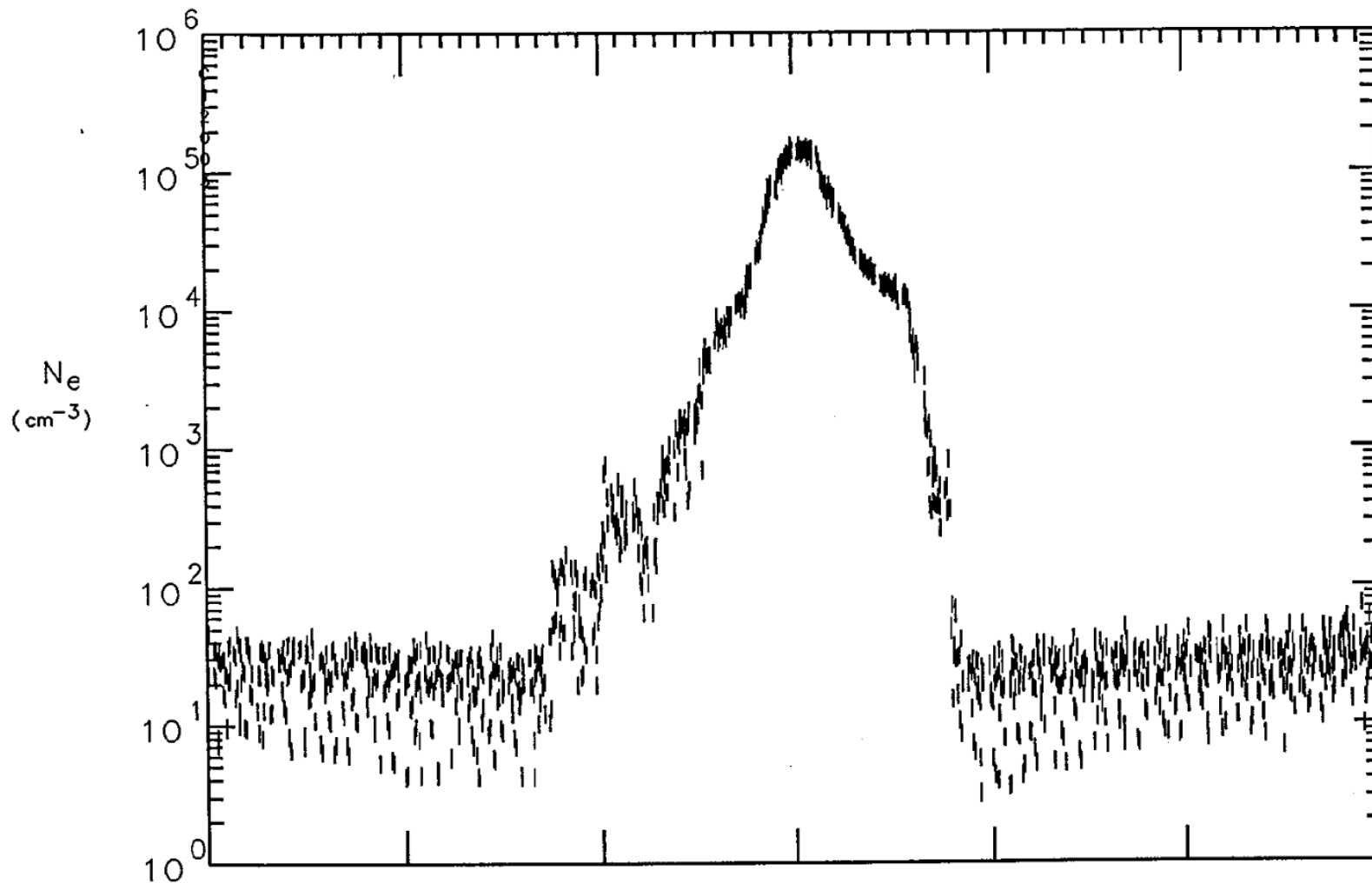


Ne hi-res Radial

Plotted:  
21-JUL-93  
23:20:57

Universal Time, Day 80189

49320	49920	50520	51120	51720	52320	52920	secs
13:42	13:52	14: 2	14:12	14:22	14:32	14:42	hh:mm



Orbit  
580

ALT	6419	3733	1311	148	1250	3654	6338	km
LAT	64	74	59	14	-32	-59	-72	deg
LONG	82	39	-32	-56	-71	-89	-120	deg
SZA	104	103	99	87	78	75	76	deg
LST	20.6	23.3	4.4	6.1	7.0	8.2	10.1	hr

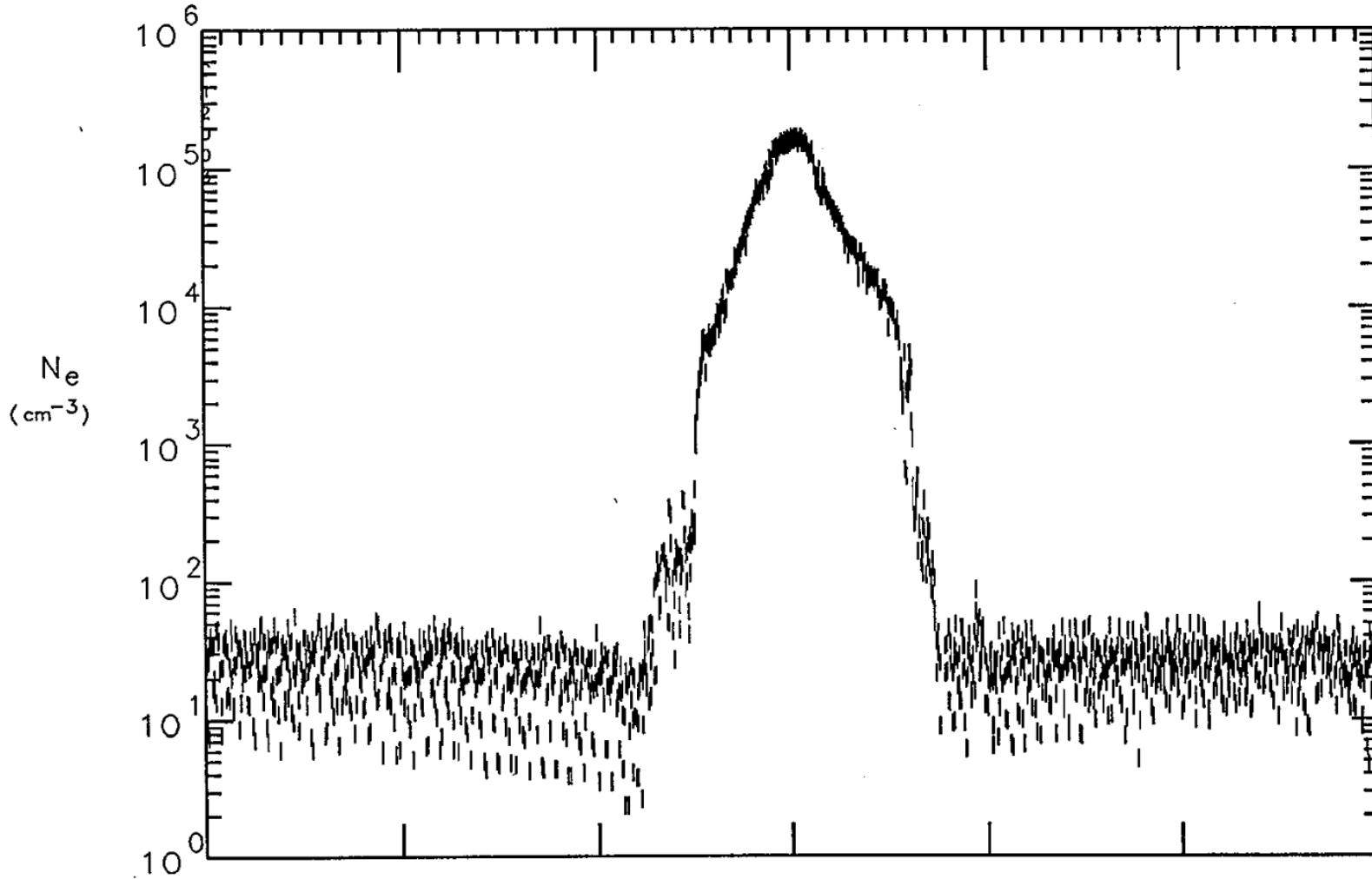
Ne hi-res Radial

Plotted:  
21-JUL-93  
23:27:27

Universal Time, Day 80190

49620	50220	50820	51420	52020	52620	53220
13:47	13:57	14: 7	14:17	14:27	14:37	14:47

secs  
hh:mm



Orbit  
581

ALT	6381	3696	1282	148	1279	3691	6376	km
LAT	65	74	59	13	-32	-59	-72	deg
LONG	83	39	-31	-55	-69	-88	-119	deg
SZA	104	103	98	86	76	75	76	deg
LST	20.8	23.5	4.6	6.2	7.1	8.3	10.2	hr

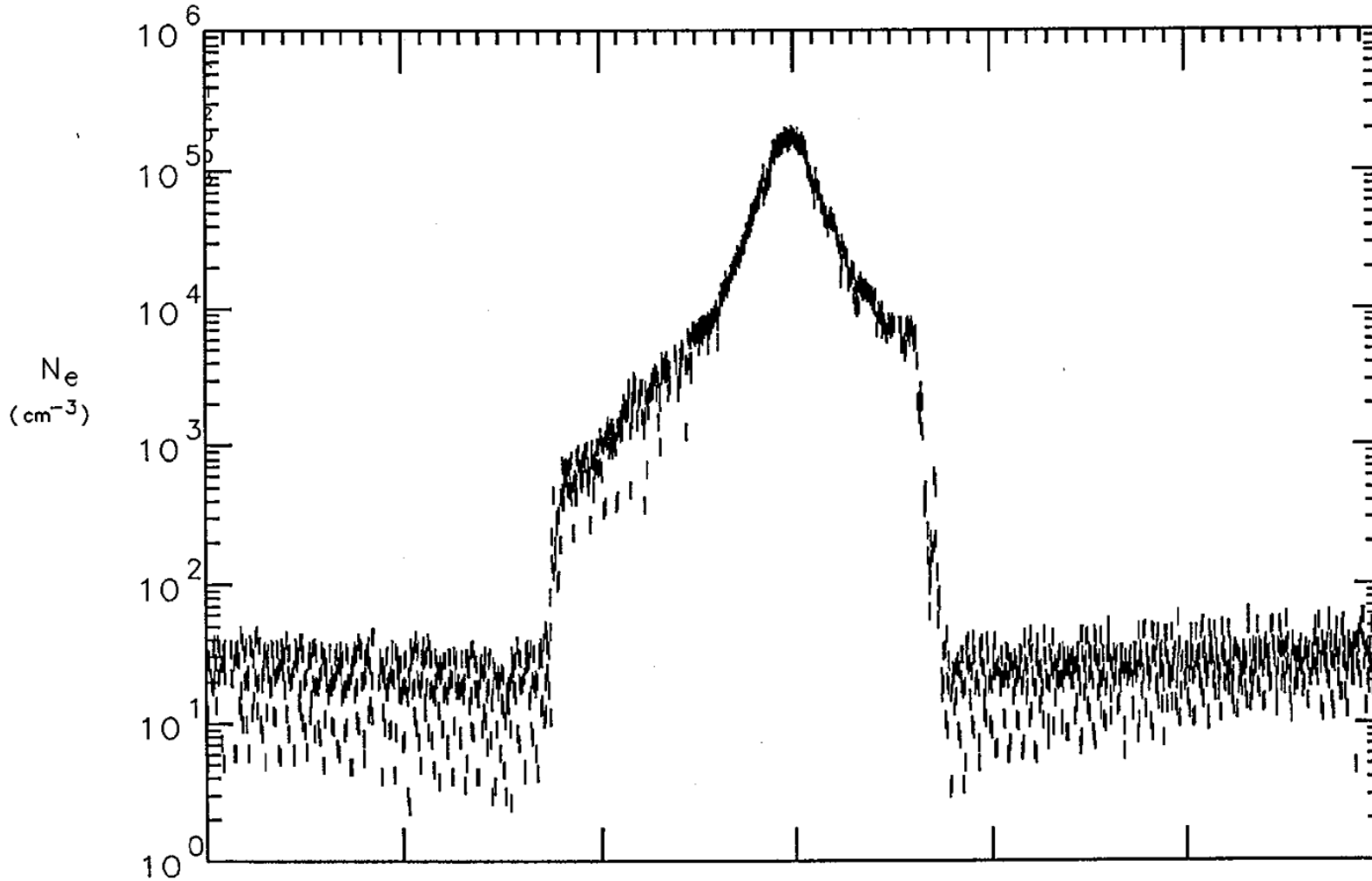
Universal Time, Day 80191

Ne hi-res Radial

Plotted:  
21-JUL-93  
23:35:04

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

secs  
hh:mm



Orbit  
582

ALT	6299	3616	1222	149	1341	3771	6457	km
LAT	65	74	57	12	-33	-60	-72	deg
LONG	84	38	-31	-54	-68	-87	-119	deg
SZA	105	103	97	84	75	74	75	deg
LST	20.9	23.8	4.8	6.4	7.3	8.4	10.4	hr

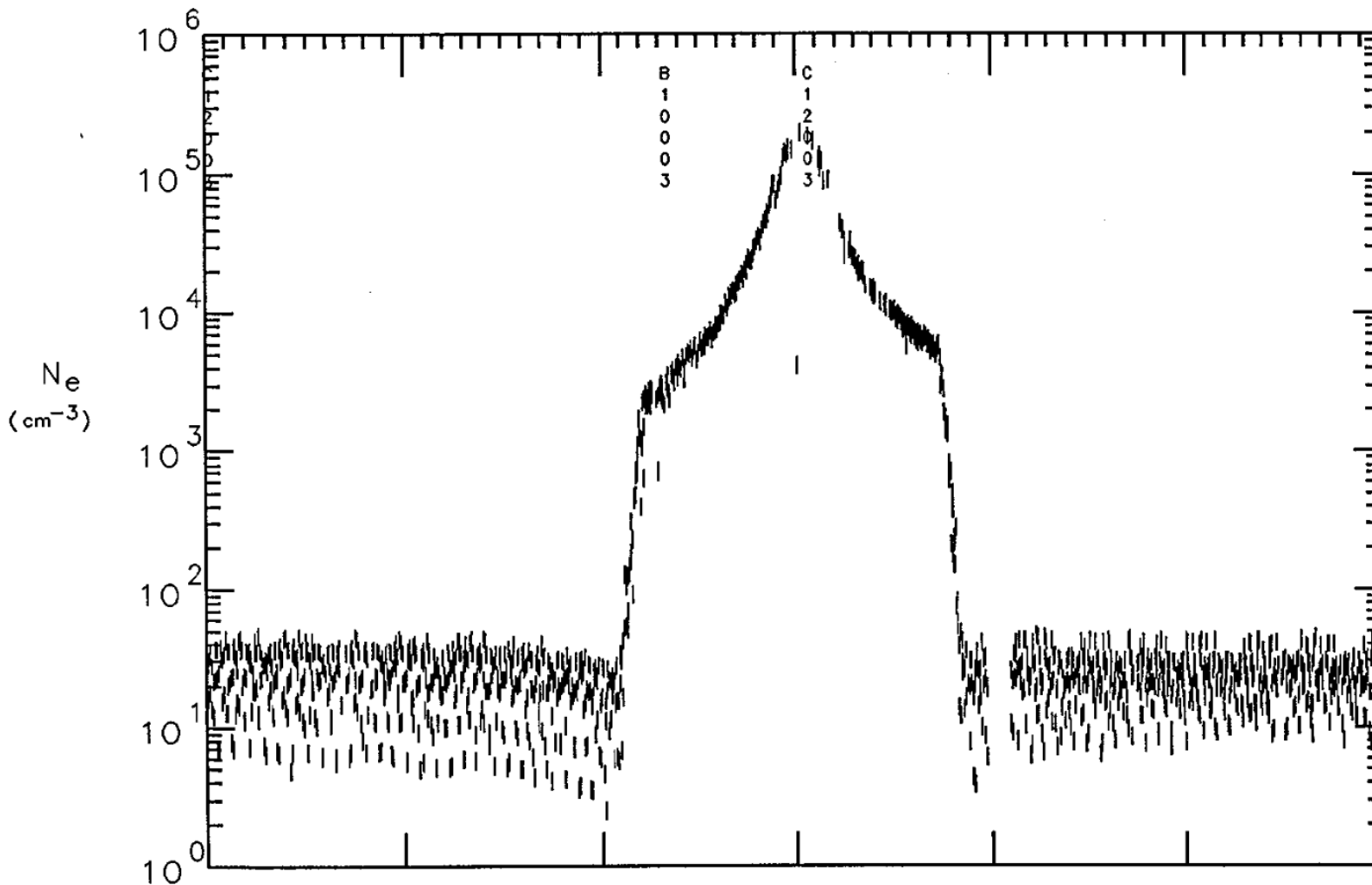
Ne hi-res Radial

Plotted:  
21-JUL-93  
23:42:48

Universal Time, Day 80192

50160	50760	51360	51960	52560	53160	53760
13:56	14: 6	14:16	14:26	14:36	14:46	14:56

secs  
hh:mm



Orbit  
583

ALT	6440	3754	1328	149	1235	3633	6317	km
LAT	64	74	59	14	-31	-59	-72	deg
LONG	87	44	-28	-52	-66	-84	-115	deg
SZA	105	103	96	83	74	73	75	deg
LST	21.0	23.6	4.7	6.4	7.3	8.5	10.4	hr

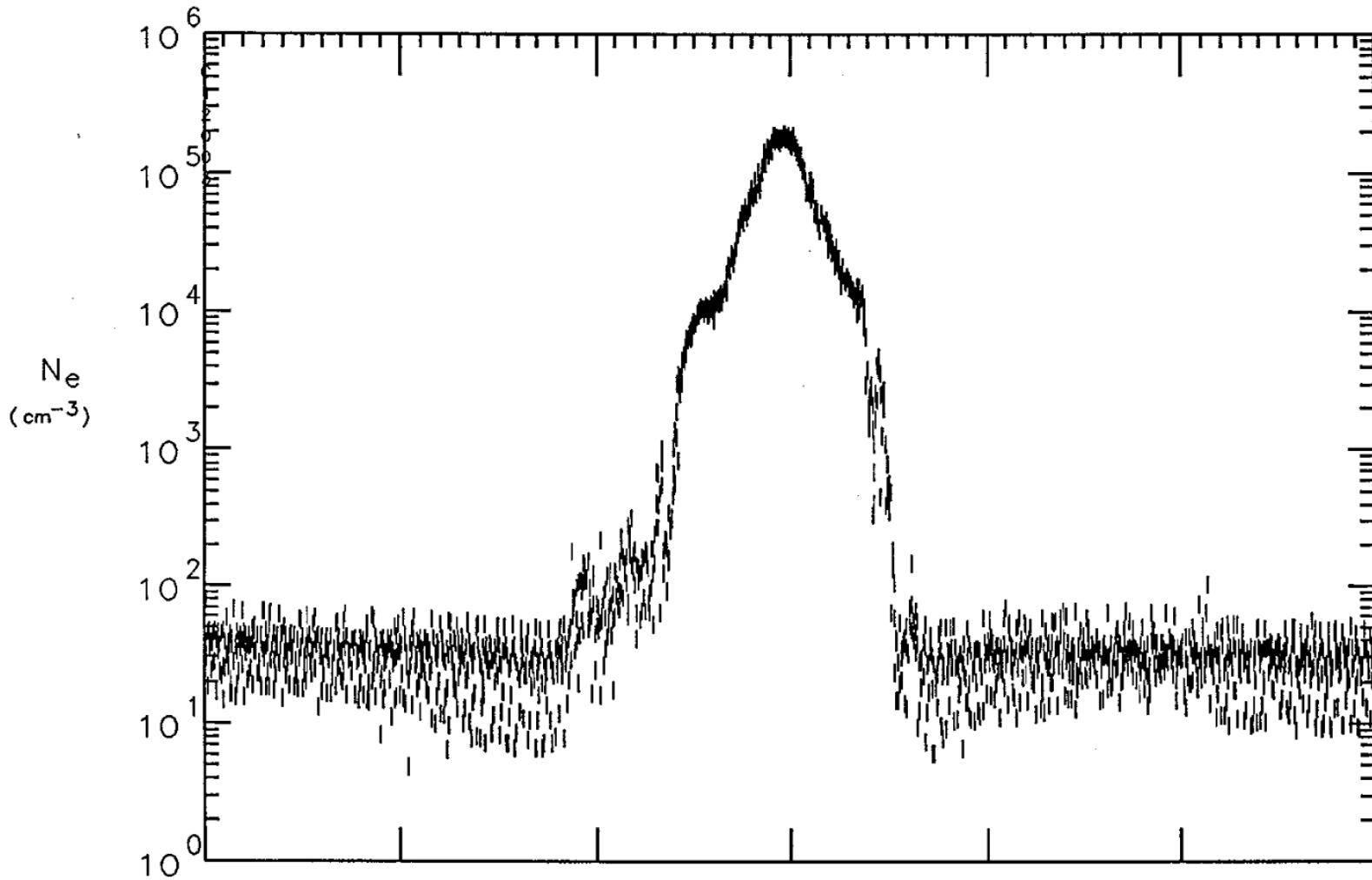
Universal Time, Day 80193

Ne hi-res Radial

Plotted:  
21-JUL-93  
23:51:34

50460	51060	51660	52260	52860	53460	54060
14: 1	14:11	14:21	14:31	14:41	14:51	15: 1

secs  
hh:mm



Orbit  
584

ALT	6262	3579	1195	152	1370	3809	6495	km
LAT	65	74	57	11	-34	-60	-72	deg
LONG	87	40	-29	-51	-65	-84	-116	deg
SZA	105	102	95	80	72	73	75	deg
LST	21.1	0.1	5.0	6.6	7.5	8.7	10.6	hr

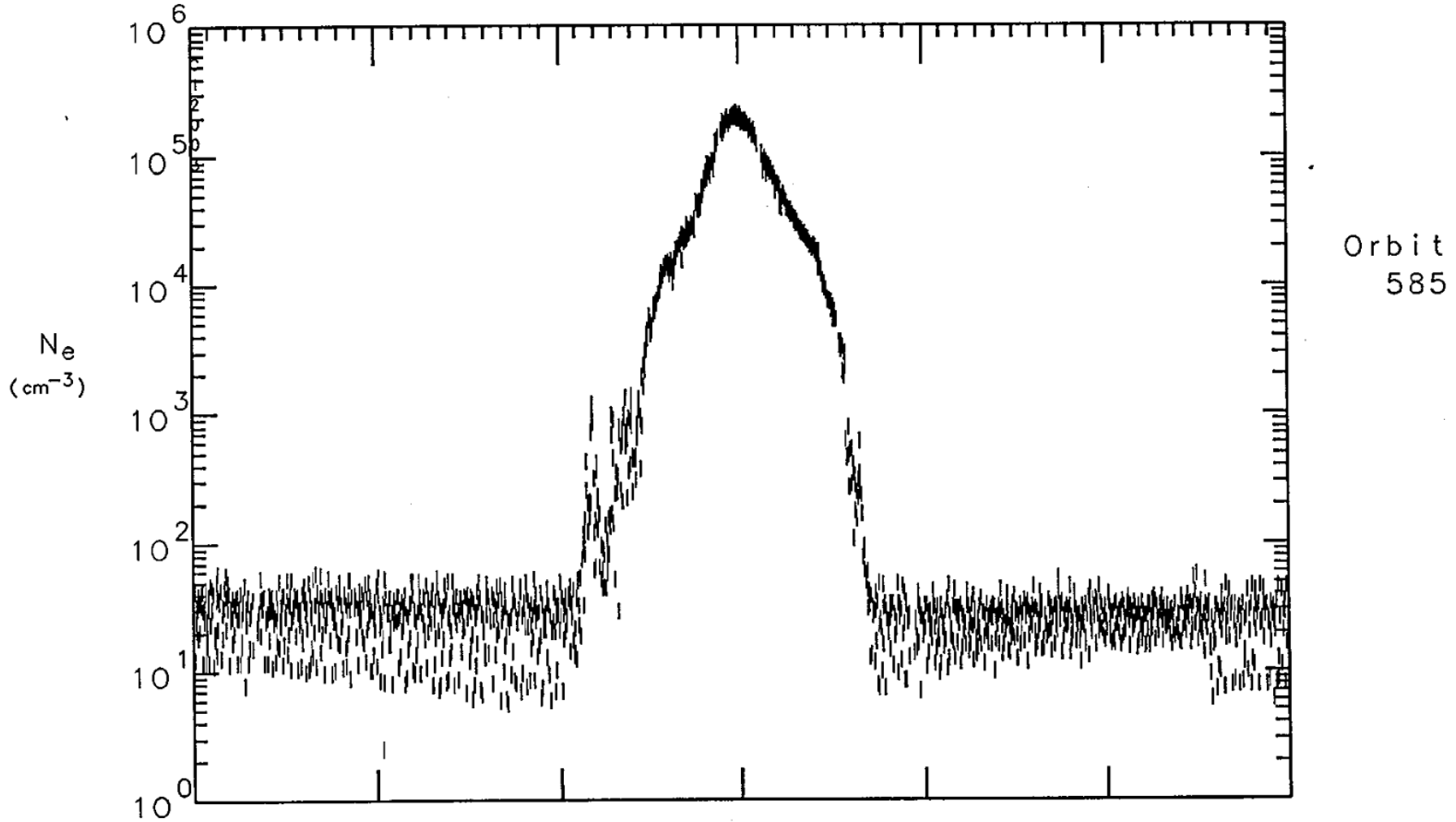
Universal Time, Day 80194

Ne hi-res Radial

Plotted:  
22-JUL-93  
11:18:32

50700	51300	51900	52500	53100	53700	54300
14: 5	14:15	14:25	14:35	14:45	14:55	15: 5

secs  
hh:mm



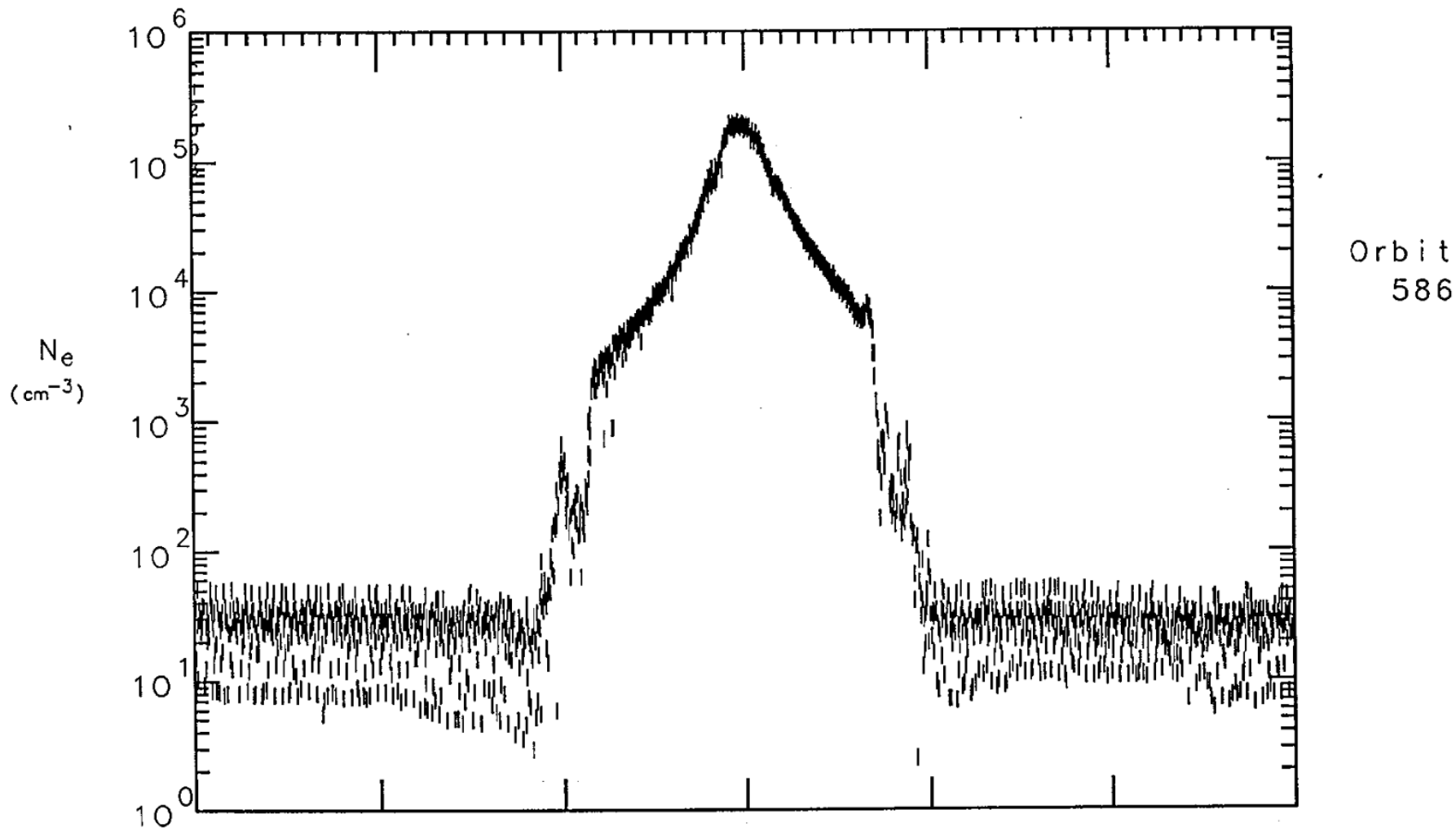
ALT	6308	3625	1229	151	1335	3763	6448	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	89	43	-27	-50	-64	-82	-114	deg
SZA	106	103	94	79	71	72	75	deg
LST	21.2	0.1	5.1	6.7	7.6	8.7	10.7	hr

Ne hi-res Radial

Plotted:  
22-JUL-93  
11:26:29

Universal Time, Day 80195

50940	51540	52140	52740	53340	53940	54540	secs
14: 9	14:19	14:29	14:39	14:49	14:59	15: 9	hh:mm



ALT	6305	3622	1228	152	1338	3766	6451	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	90	44	-25	-48	-62	-81	-112	deg
SZA	106	102	93	78	70	72	75	deg
LST	21.3	0.2	5.2	6.8	7.7	8.9	10.8	hr

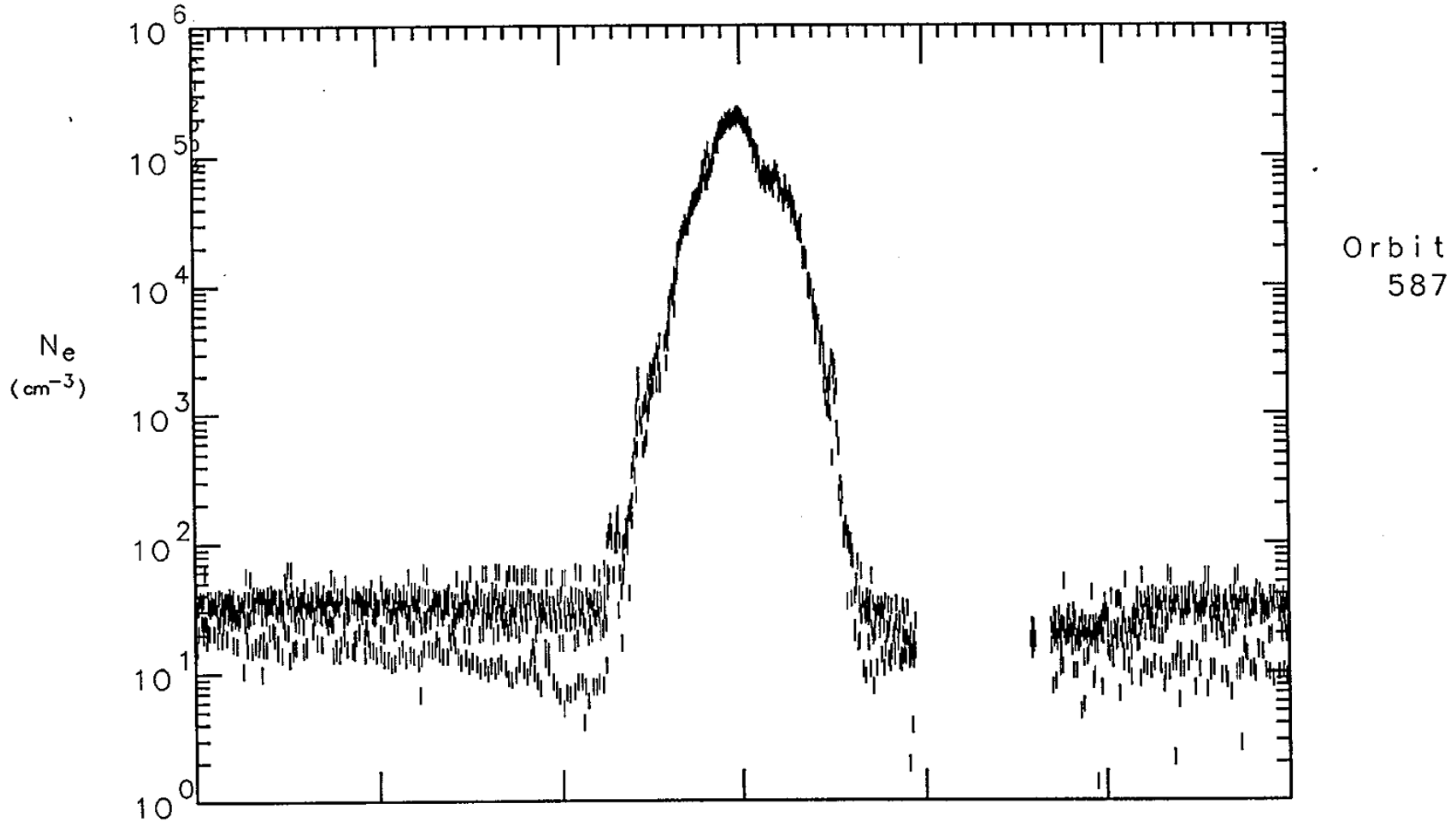
Universal Time, Day 80196

Ne hi-res Radial

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

51180	51780	52380	52980	53580	54180	54780
14:13	14:23	14:33	14:43	14:53	15: 3	15:13

secs  
hh:mm



ALT	6262	3581	1197	154	1371	3808	6494	km
LAT	65	74	57	11	-34	-60	-72	deg
LONG	91	44	-24	-47	-61	-80	-112	deg
SZA	107	102	92	76	68	71	75	deg
LST	21.5	0.4	5.3	6.9	7.8	9.0	10.9	hr

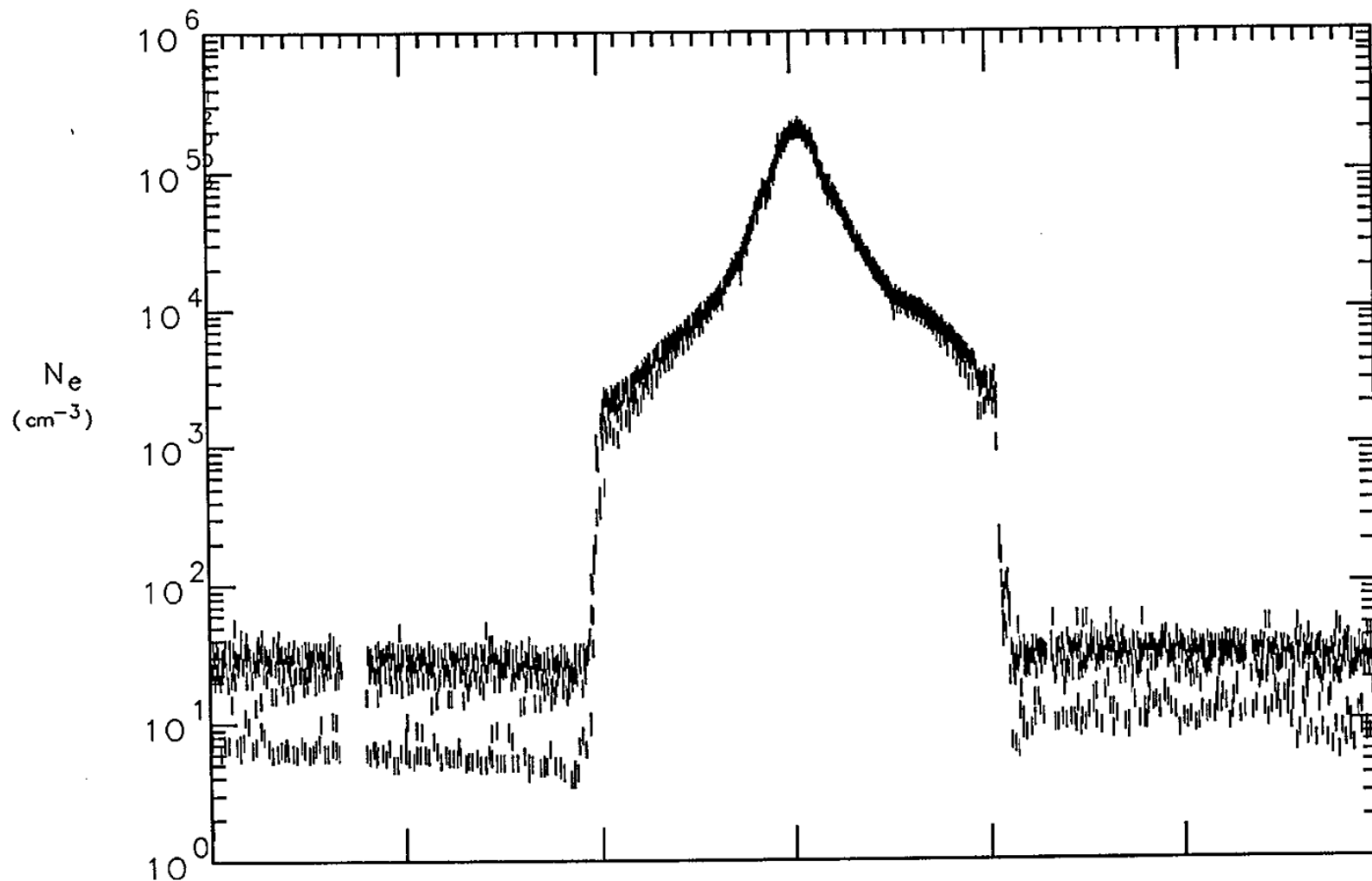


Universal Time, Day 80197

Ne hi-res Radial

Plotted:  
22-JUL-93  
11:41:18

51360	51960	52560	53160	53760	54360	54960	secs
14:16	14:26	14:36	14:46	14:56	15: 6	15:16	hh:mm



Orbit  
588

ALT	6446	3762	1336	154	1232	3627	6309	km
LAT	64	74	59	15	-31	-59	-71	deg
LONG	94	51	-20	-44	-58	-77	-107	deg
SZA	107	103	92	75	67	70	74	deg
LST	21.5	0.1	5.2	6.9	7.9	9.0	10.9	hr

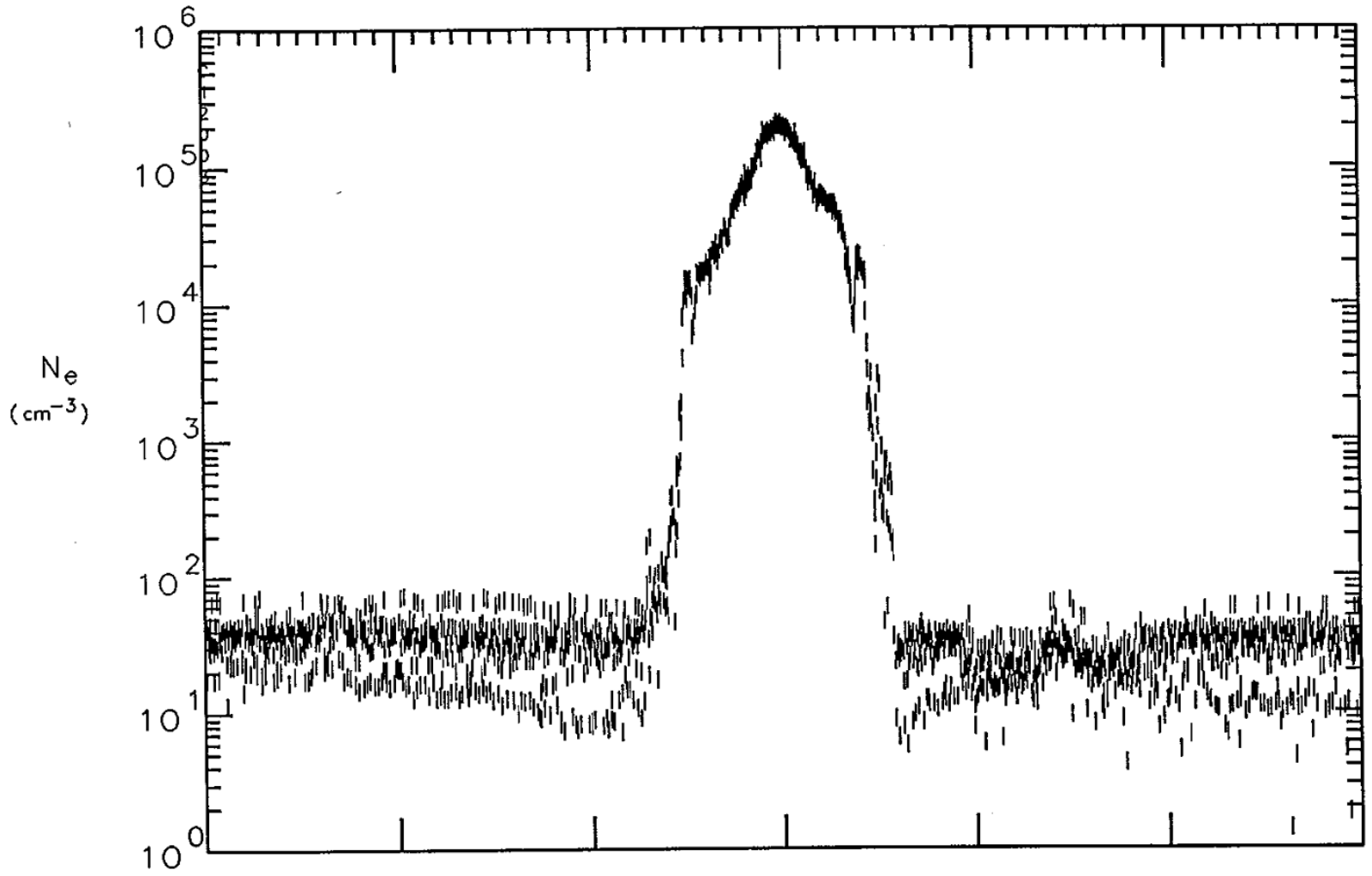
Ne hi-res Radial

Plotted:  
22-JUL-93  
11:49:28

Universal Time, Day 80198

51600	52200	52800	53400	54000	54600	55200
14:20	14:30	14:40	14:50	15: 0	15:10	15:20

secs  
hh:mm



Orbit  
589

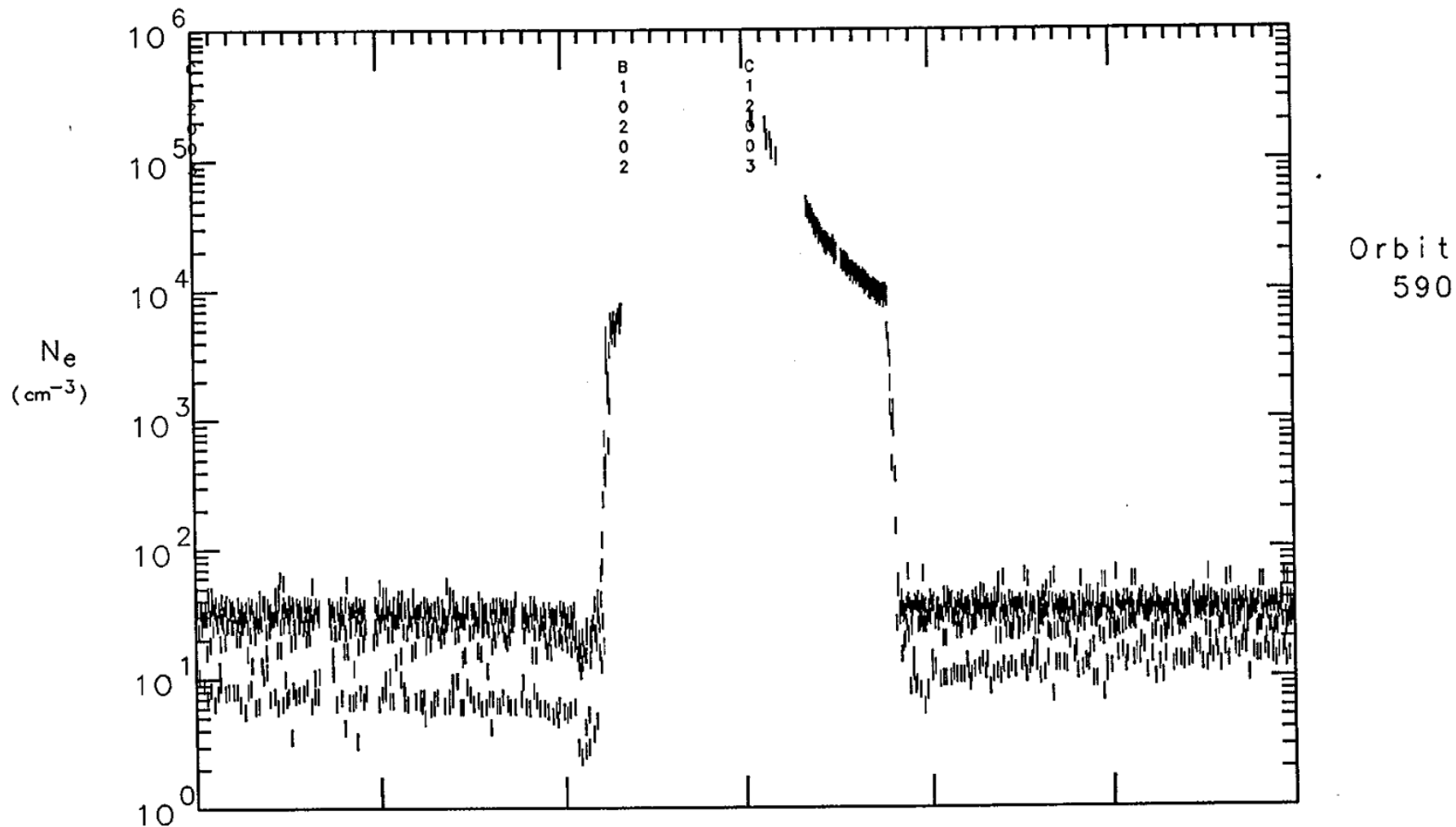
ALT	6327	3646	1247	154	1322	3744	6427	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	95	49	-20	-43	-58	-76	-108	deg
SZA	108	102	91	73	66	70	75	deg
LST	21.7	0.5	5.5	7.1	8.0	9.2	11.1	hr

Ne hi-res Radial

Plotted:  
22-JUL-93  
11:57:09

Universal Time, Day 80199

51780	52380	52980	53580	54180	• 54780	55380	secs
14:23	14:33	14:43	14:53	15: 3	15:13	15:23	hh:mm



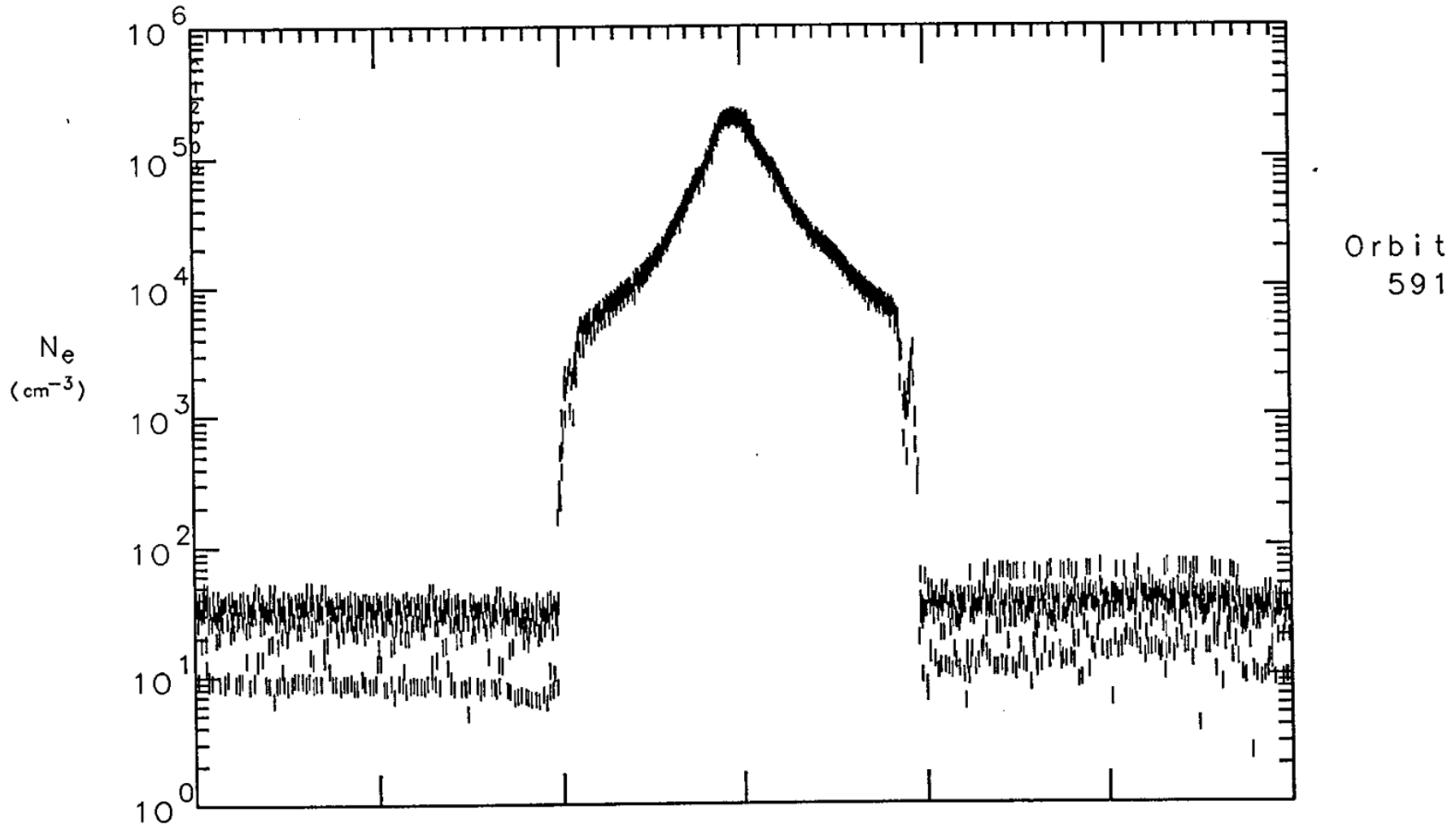
ALT	6445	3762	1337	156	1235	3628	6309	km
LAT	64	74	59	15	-31	-59	-71	deg
LONG	97	54	-17	-41	-56	-74	-104	deg
SZA	108	103	91	72	65	69	74	deg
LST	21.7	0.4	5.5	7.1	8.1	9.2	11.1	hr

Universal Time, Day 80200

Ne hi-res Radial

Plotted:  
22-JUL-93  
12:03:23

52020	52620	53220	53820	54420	55020	55620	secs
14:27	14:37	14:47	14:57	15: 7	15:17	15:27	hh:mm



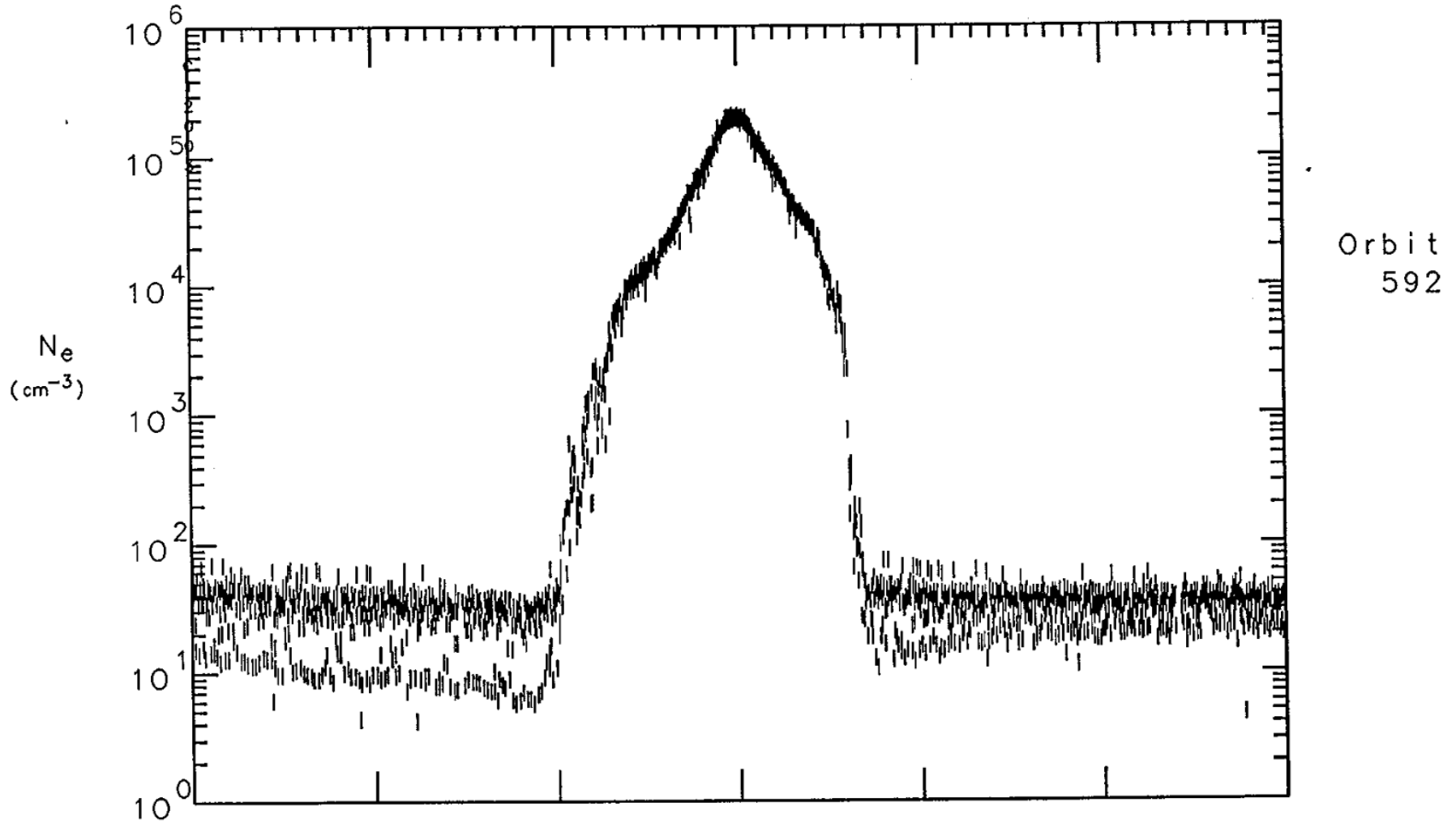
ALT	6260	3581	1200	159	1375	3810	6494	km
LAT	65	74	57	11	-34	-60	-72	deg
LONG	97	50	-18	-41	-55	-74	-106	deg
SZA	108	102	89	70	64	69	74	deg
LST	21.9	0.8	5.8	7.3	8.2	9.4	11.4	hr

Universal Time, Day 80201

Ne hi-res Radial

Plotted:  
22-JUL-93  
12:10:57

52200	52800	53400	54000	54600	55200	55800	secs
14:30	14:40	14:50	15: 0	15:10	15:20	15:30	hh:mm



ALT	6316	3636	1243	159	1333	3755	6437	km
LAT	65	74	58	12	-33	-60	-72	deg
LONG	99	53	-16	-39	-53	-72	-103	deg
SZA	109	102	88	68	62	68	74	deg
LST	22.0	0.8	5.8	7.4	8.3	9.5	11.4	hr

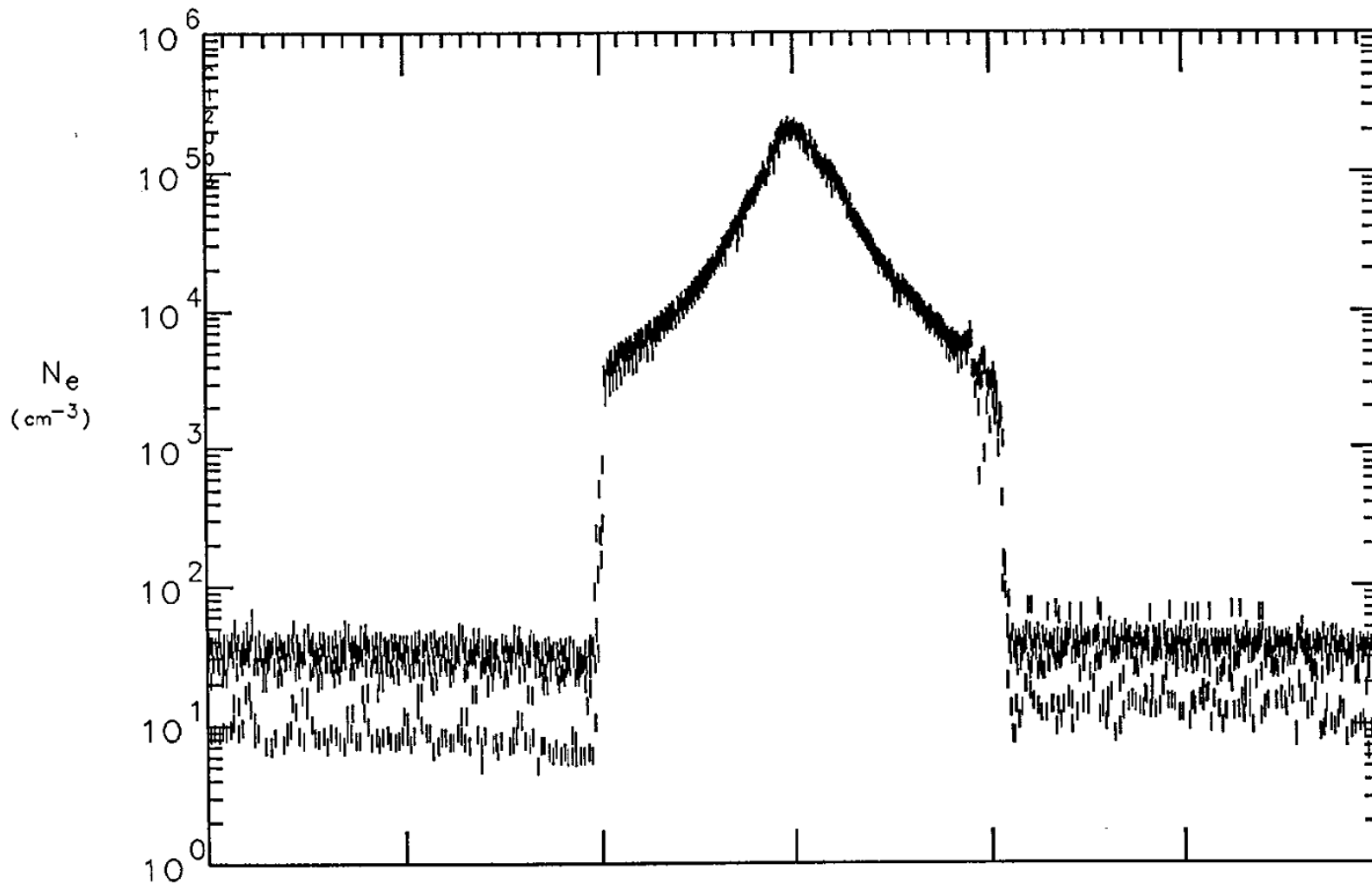
Universal Time, Day 80202

Ne hi-res Radial

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

52380	52980	53580	54180	54780	55380	55980
14:33	14:43	14:53	15: 3	15:13	15:23	15:33

secs  
hh:mm



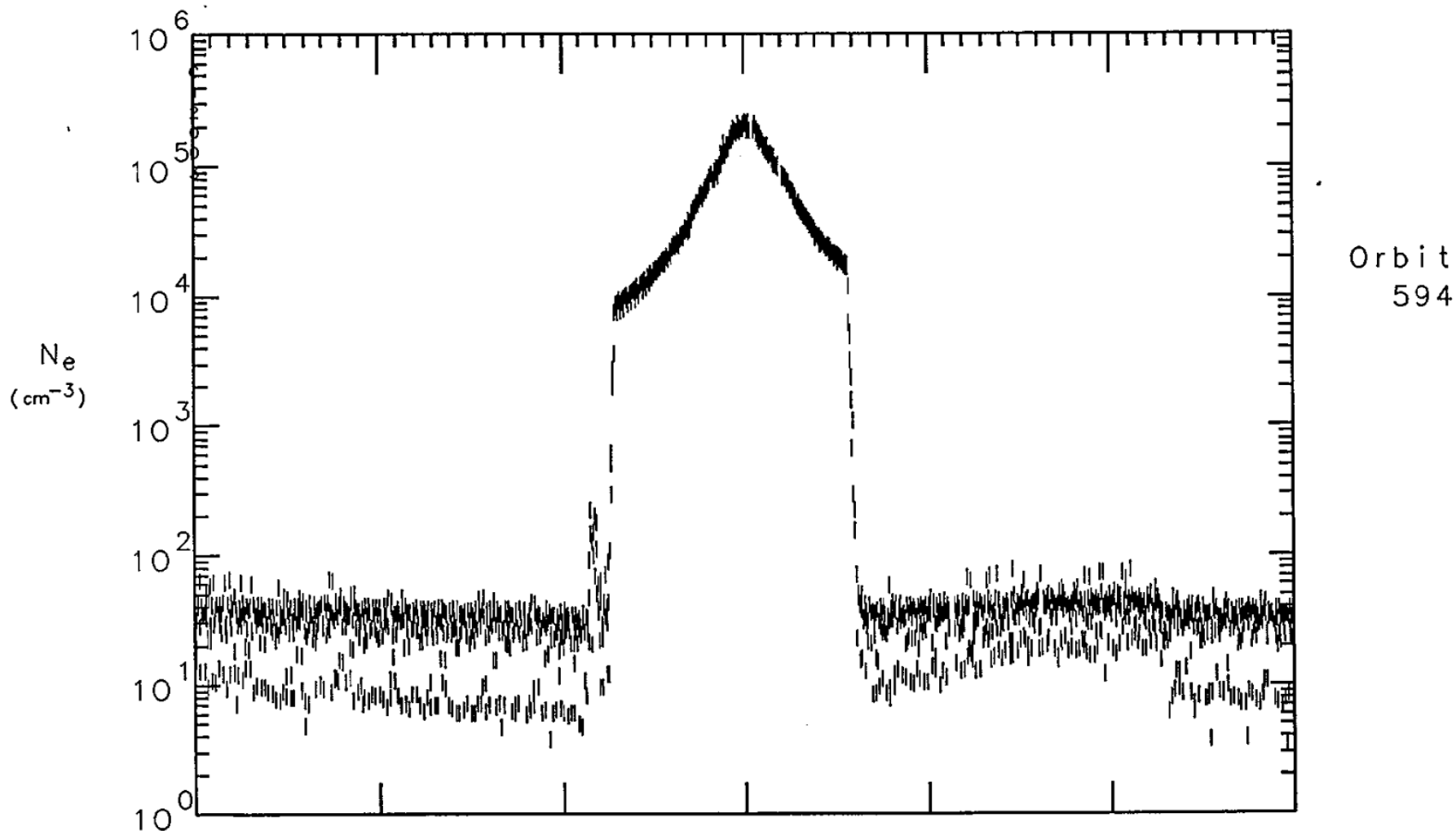
ALT	6348	3668	1268	161	1310	3723	6405	km
LAT	65	74	58	13	-33	-59	-72	deg
LONG	101	56	-14	-37	-52	-70	-101	deg
SZA	109	102	88	67	61	68	74	deg
LST	22.1	0.9	5.9	7.5	8.4	9.6	11.5	hr

Universal Time, Day 80203

Ne hi-res Radial

Plotted:  
22-JUL-93  
12:26:29

52560	53160	53760	54360	54960	55560	56160	secs
14:36	14:46	14:56	15: 6	15:16	15:26	15:36	hh:mm



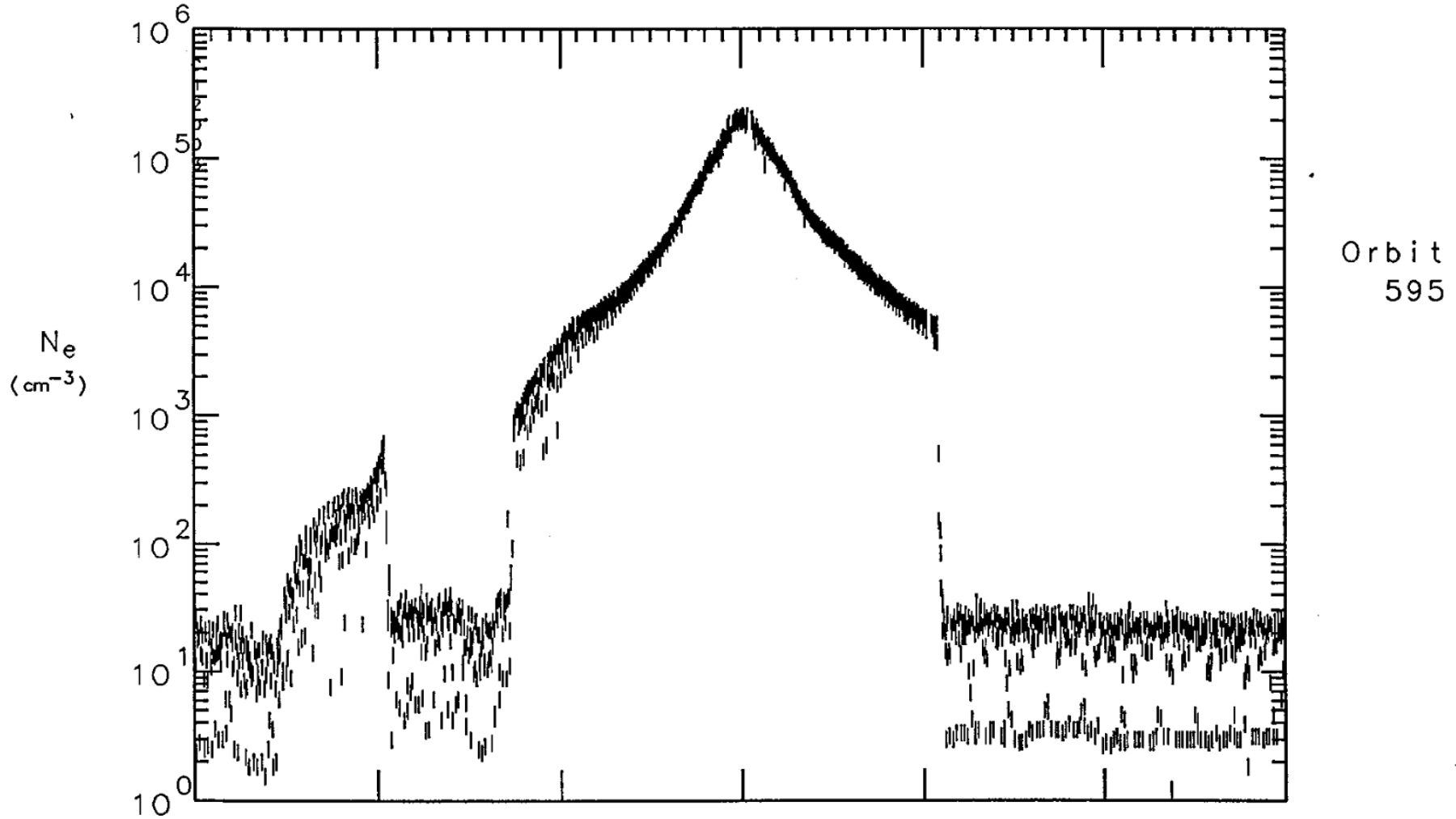
ALT	6360	3680	1278	162	1302	3712	6393	km
LAT	65	74	58	13	-32	-59	-72	deg
LONG	102	57	-12	-36	-50	-68	-100	deg
SZA	109	102	87	66	60	67	74	deg
LST	22.2	1.0	6.0	7.6	8.5	9.7	11.6	hr

Universal Time, Day 80204

Ne hi-res Radial

Plotted:  
22-JUL-93  
12:34:26

52740	53340	53940	54540	55140	55740	56340	secs
14:39	14:49	14:59	15: 9	15:19	15:29	15:39	hh:mm



ALT	6352	3673	1273	165	1310	3720	6400	km
LAT	65	74	58	13	-32	-59	-71	deg
LONG	103	59	-11	-34	-49	-67	-98	deg
SZA	110	102	86	64	59	67	74	deg
LST	22.3	1.1	6.1	7.7	8.6	9.8	11.7	hr

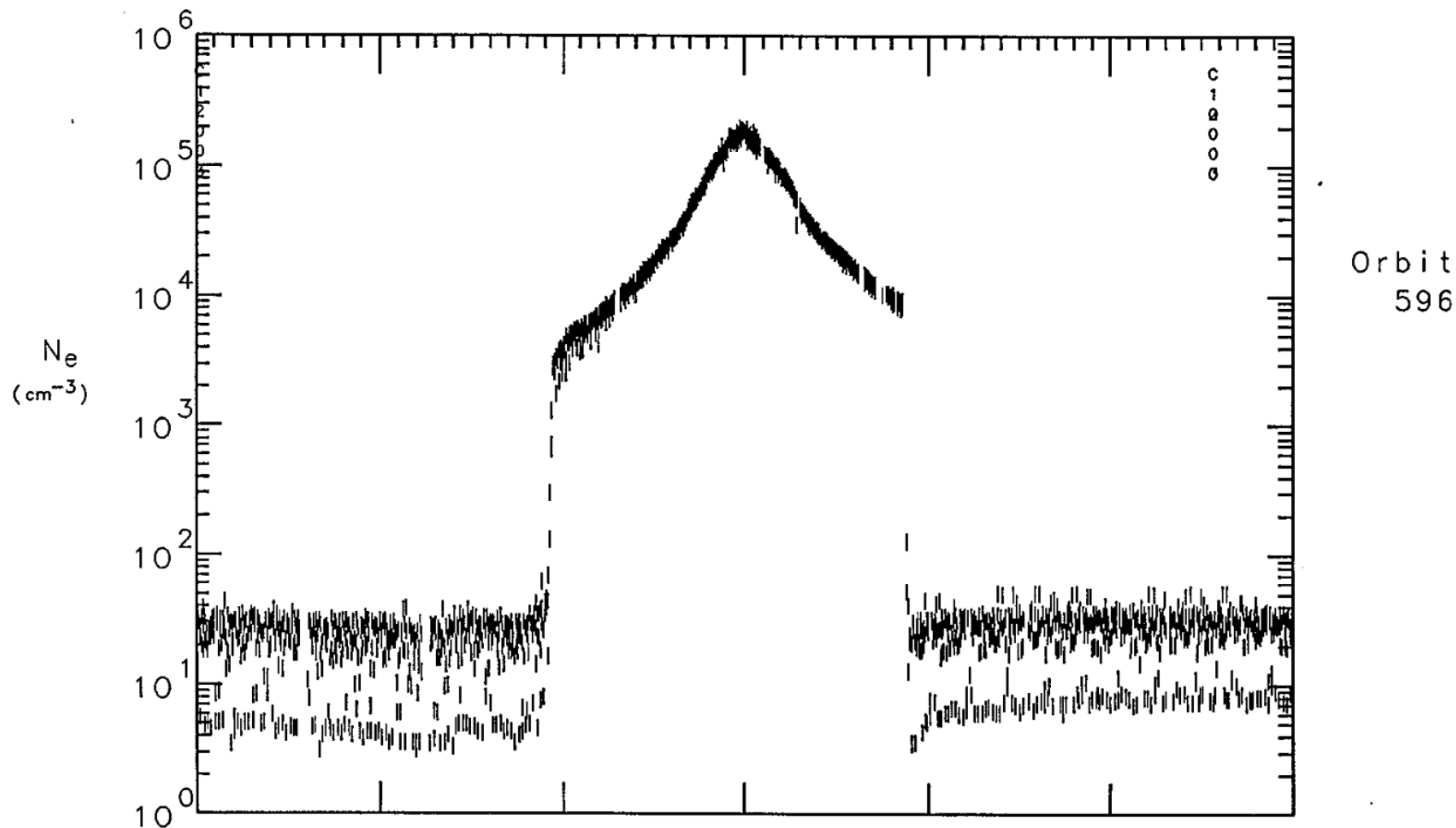


Universal Time, Day 80205

Ne hi-res Radial

Plotted:  
22-JUL-93  
12:42:48

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	6327	3649	1256	167	1330	3745	6425	km
LAT	65	74	58	12	-33	-59	-72	deg
LONG	105	59	-10	-33	-47	-66	-97	deg
SZA	110	101	85	62	57	66	74	deg
LST	22.4	1.2	6.2	7.8	8.8	9.9	11.8	hr

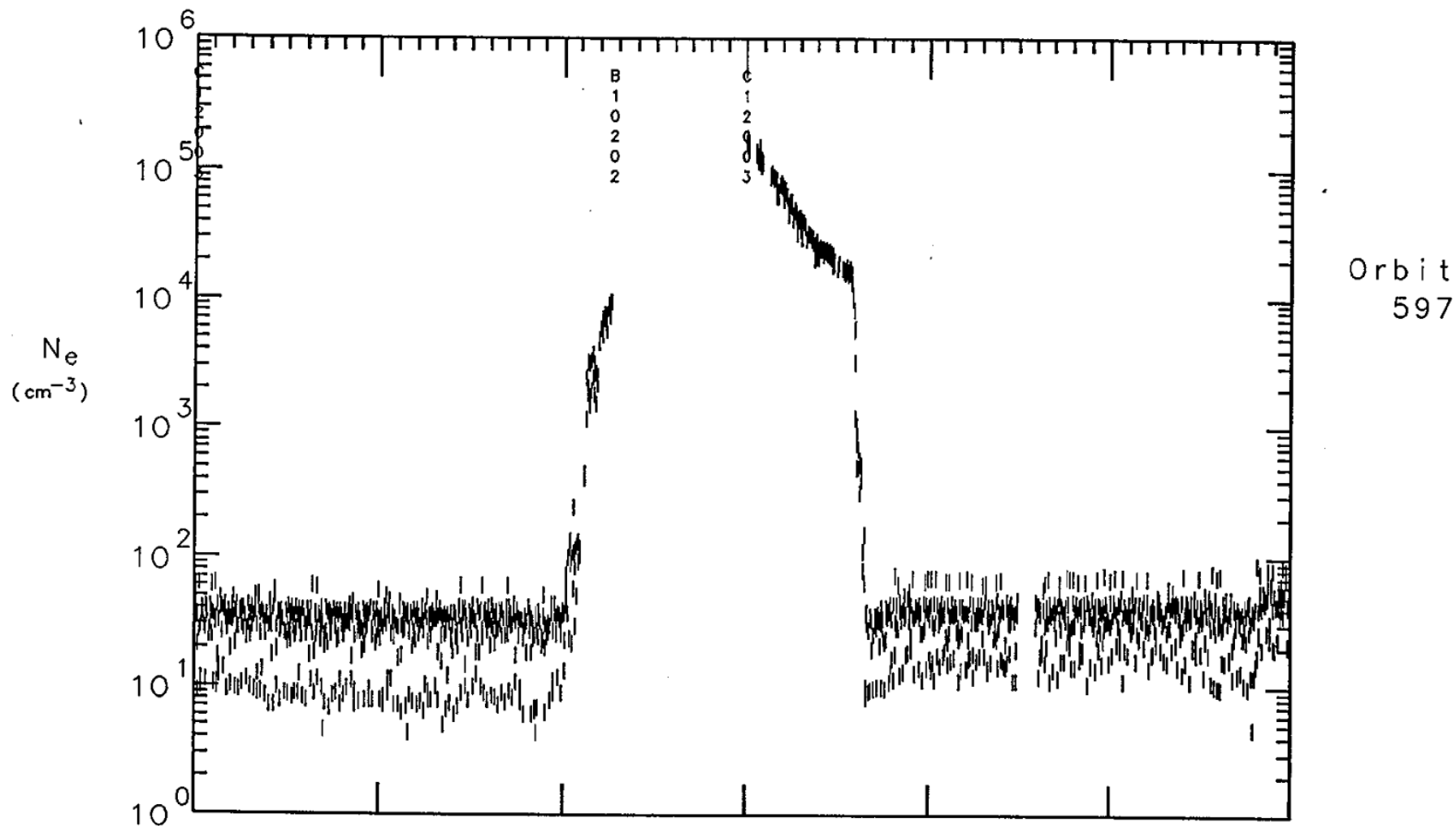
Universal Time, Day 80206

Ne hi-res Radial

Plotted:  
22-JUL-93  
12:49:52

53100	53700	54300	54900	55500	56100	56700
14:45	14:55	15: 5	15:15	15:25	15:35	15:45

secs  
hh:mm



ALT	6289	3613	1231	170	1360	3782	6462	km
LAT	65	74	57	12	-33	-60	-72	deg
LONG	106	60	-9	-32	-46	-65	-96	deg
SZA	110	101	84	60	56	66	74	deg
LST	22.6	1.4	6.4	7.9	8.9	10.0	12.0	hr

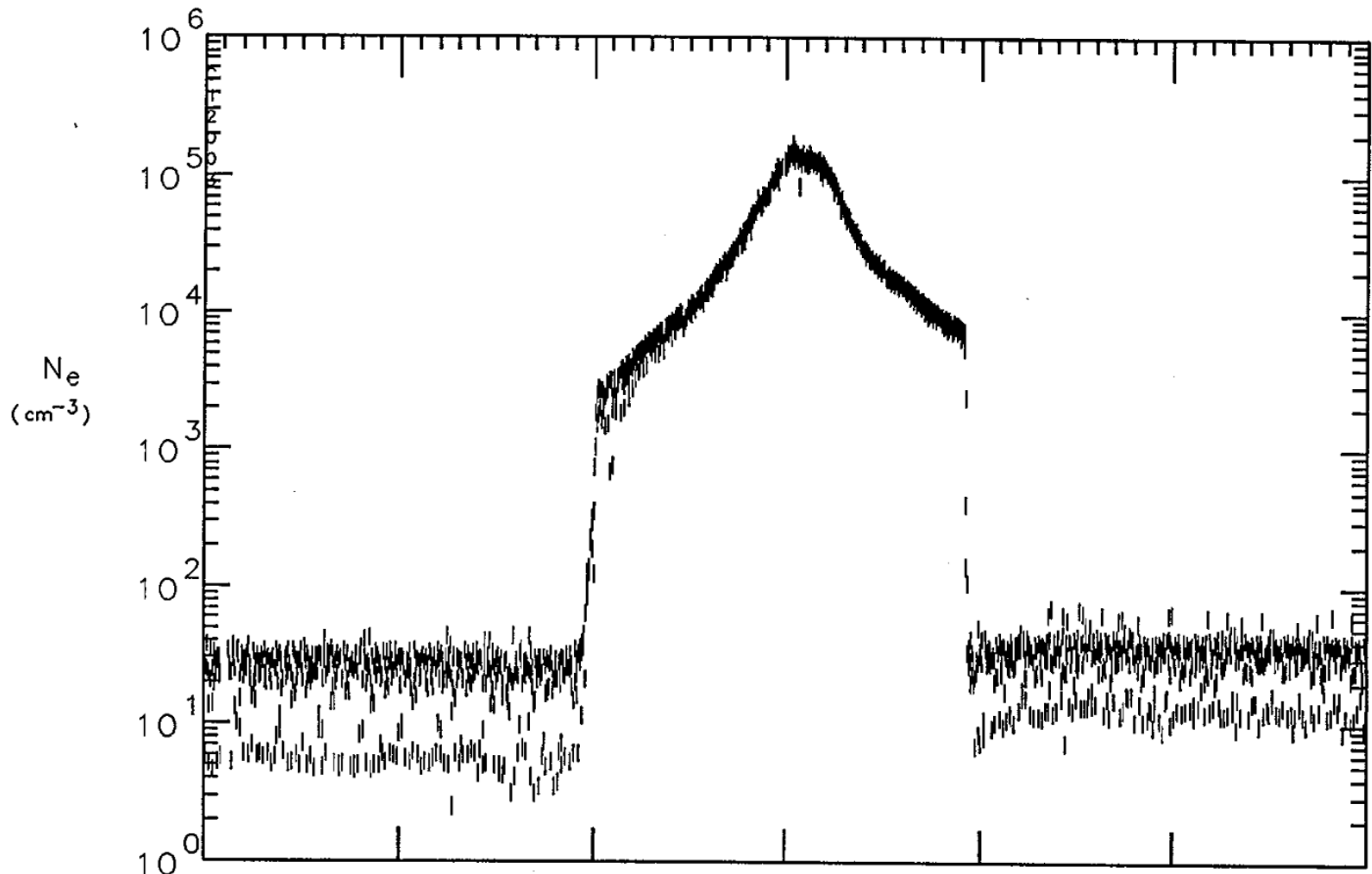
Universal Time, Day 80208

Ne hi-res Radial

Plotted:  
22-JUL-93  
12:56:51

53400	54000	54600	55200	55800	56400	57000
14:50	15: 0	15:10	15:20	15:30	15:40	15:50

secs  
hh:mm



Orbit  
599

ALT	6455	3777	1358	175	1239	3621	6295	km
LAT	64	73	59	15	-31	-58	-71	deg
LONG	110	67	-3	-28	-42	-60	-91	deg
SZA	111	101	84	59	53	64	74	deg
LST	22.7	1.3	6.4	8.1	9.0	10.2	12.0	hr