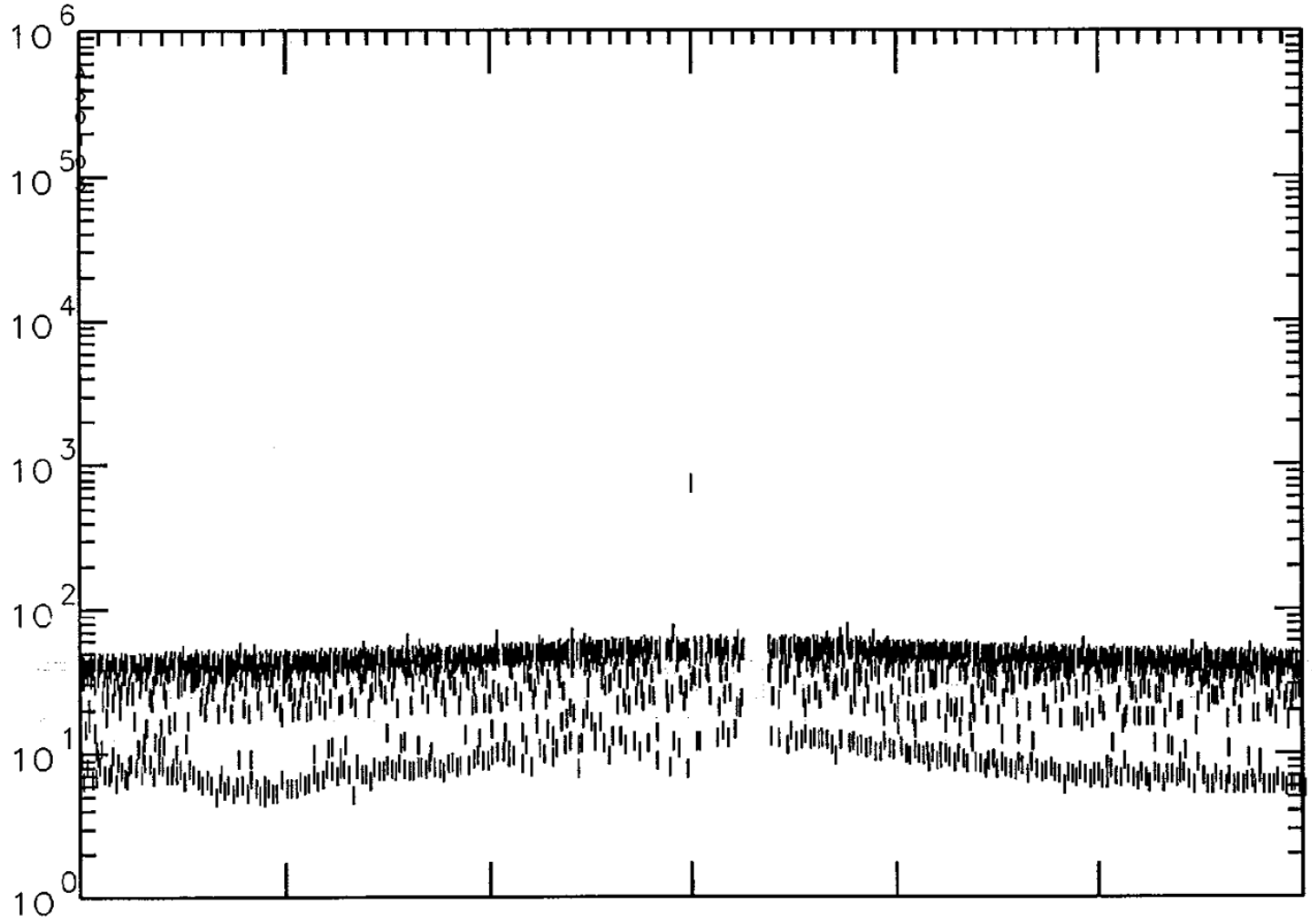
Ne hi-res Radial

Plotted:
3-AUG-93
13:01:24

Universal Time, Day 82179

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1300

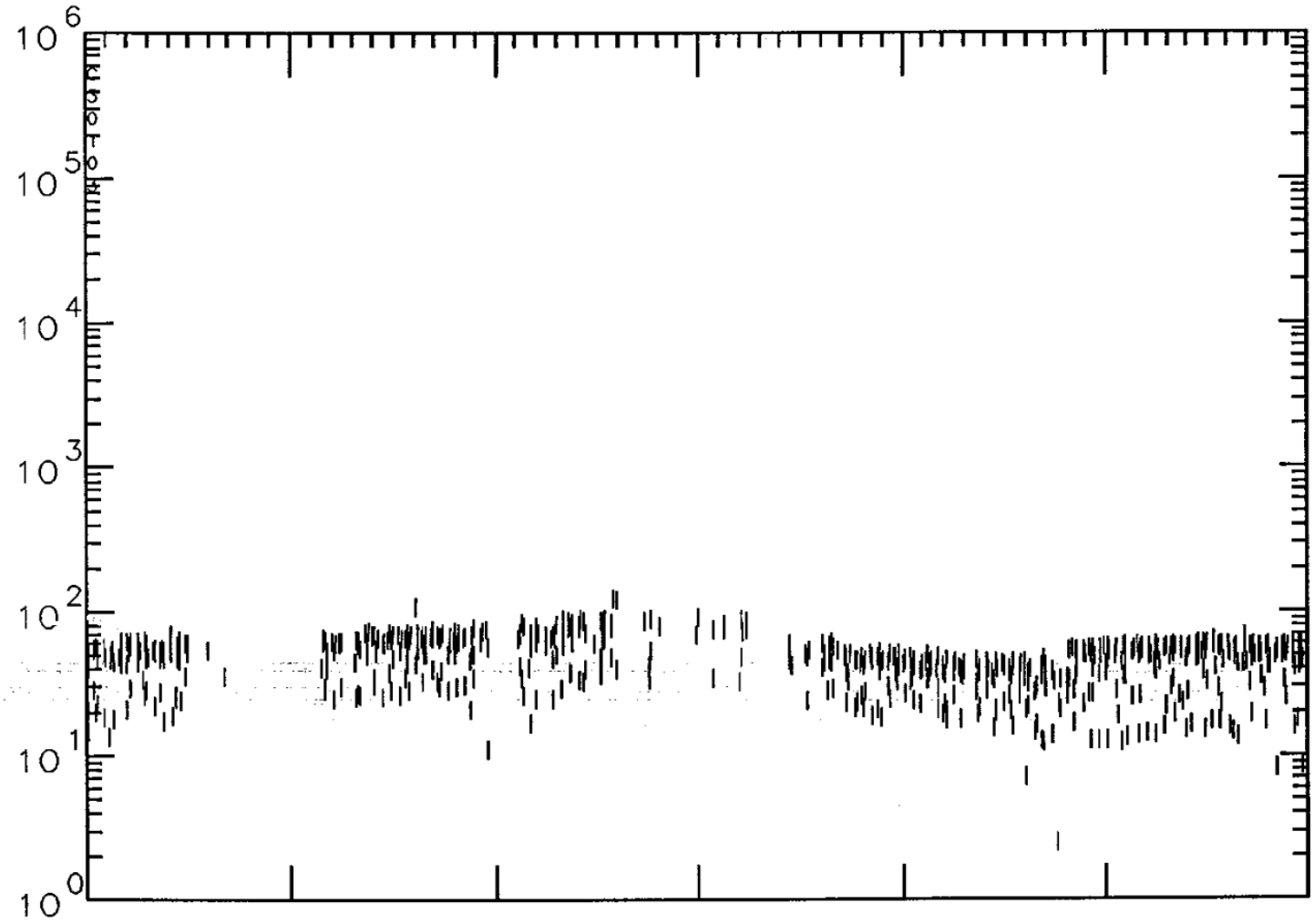
ALT	6401	4066	2131	1299	2097	4016	6347	km
LAT	73	70	47	10	−26	−52	−67	deg
LONG	36	−22	−55	−70	−81	−94	−116	deg
SZA	96	79	52	16	28	55	73	deg
LST	3.6	7.7	10.0	11.0	11.8	12.6	14.0	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:08:47

Universal Time, Day 82180

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1301

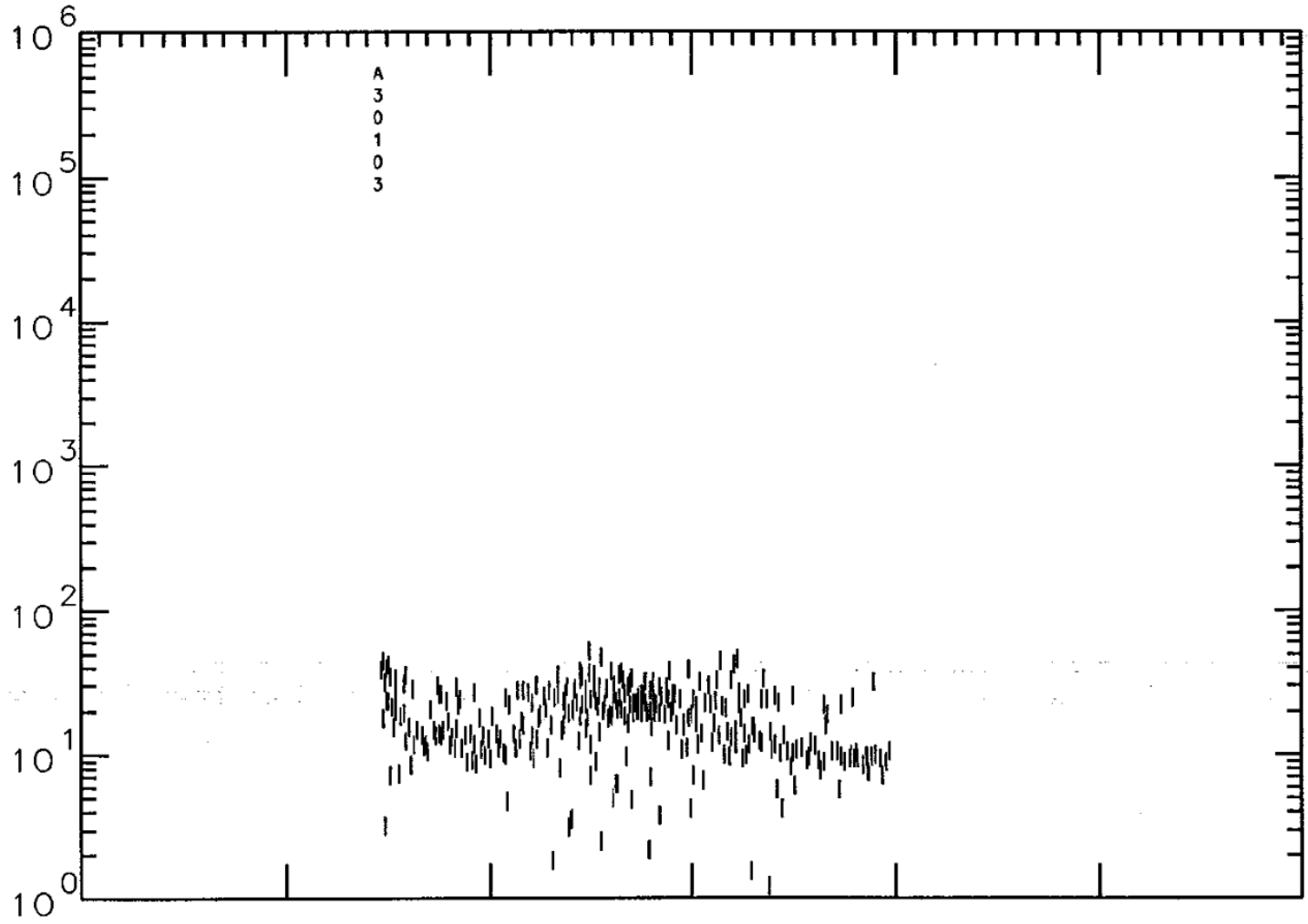
ALT	6421	4085	2146	1302	2087	3999	6328	km
LAT	73	70	47	10	−26	−52	−67	deg
LONG	38	−20	−53	−68	−79	−93	−114	deg
SZA	96	78	51	15	28	55	73	deg
LST	3.7	7.7	10.1	11.1	11.9	12.7	14.1	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:13:20

Universal Time, Day 82181

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1302

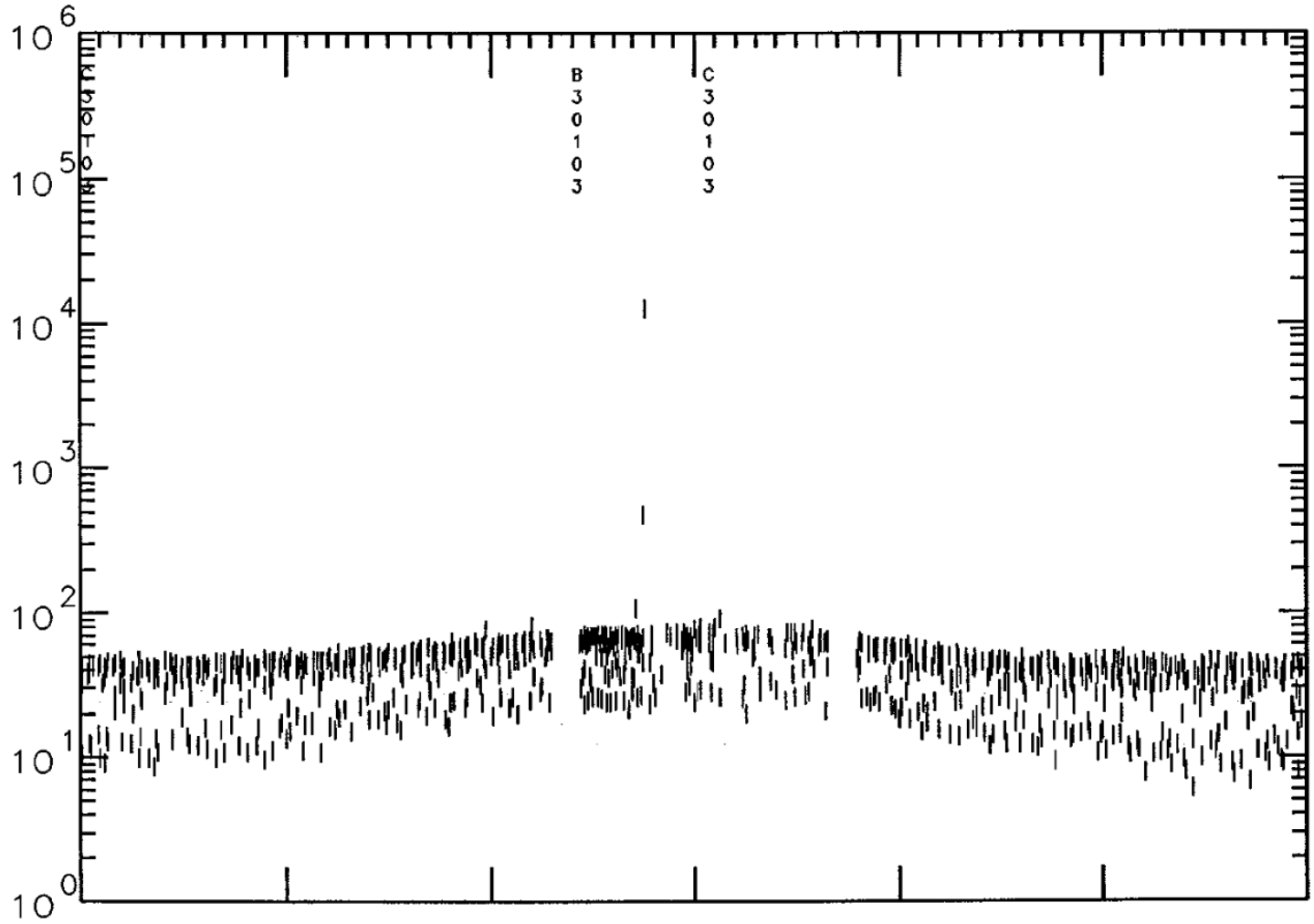
ALT	6442	4106	2162	1306	2077	3982	6307	km
LAT	73	70	47	11	−26	−52	−67	deg
LONG	40	−18	−52	−66	−78	−91	−113	deg
SZA	96	78	51	14	27	55	73	deg
LST	3.8	7.8	10.2	11.2	12.0	12.8	14.1	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:16:41

Universal Time, Day 82182

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



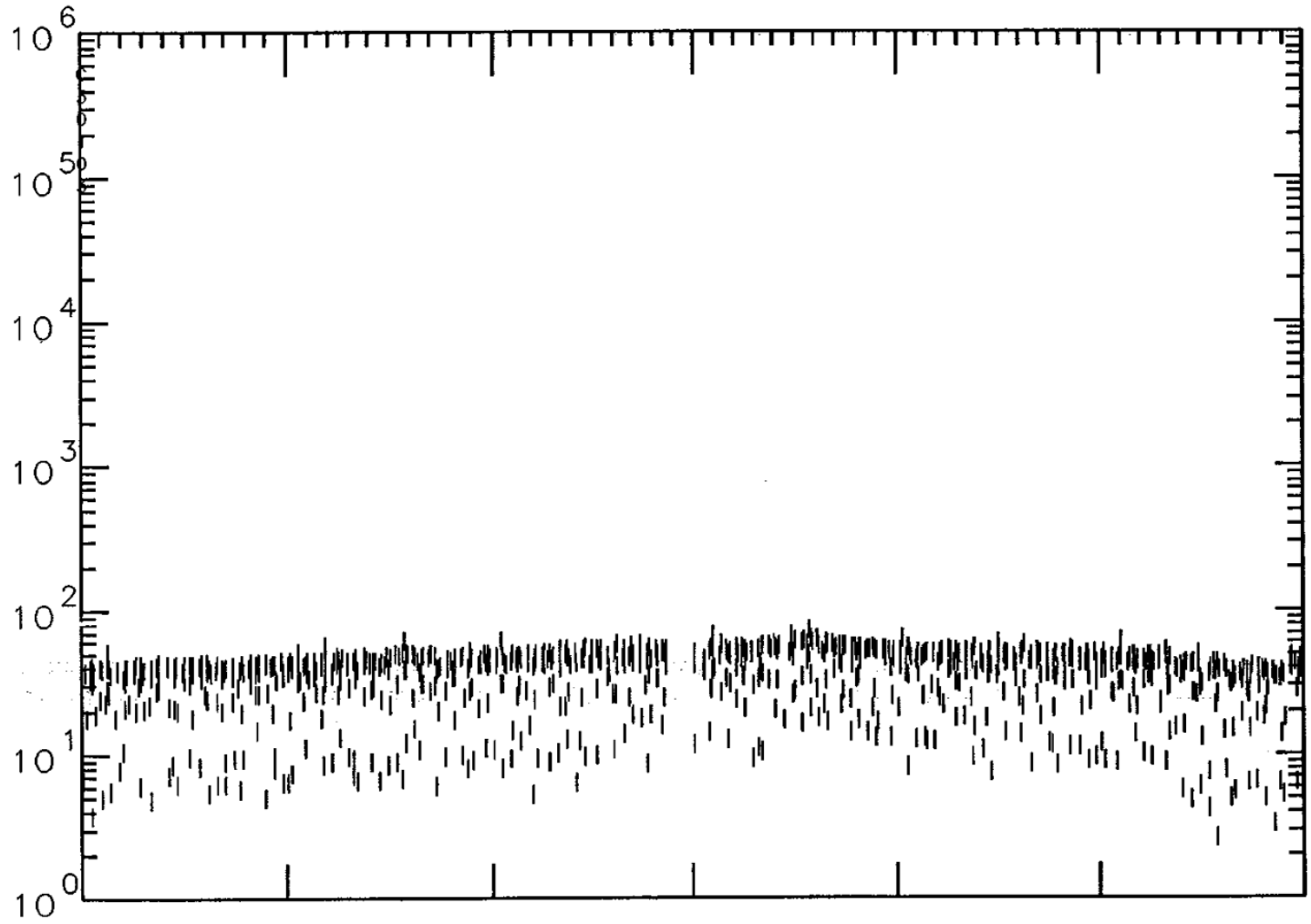
ALT	6460	4123	2176	1309	2069	3967	6290 km
LAT	73	70	48	11	−26	−52	−67 deg
LONG	41	−16	−50	−65	−76	−89	−111 deg
SZA	96	78	51	14	27	55	73 deg
LST	3.9	7.9	10.3	11.3	12.1	12.9	14.2 hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:22:25

Universal Time, Day 82183

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1304

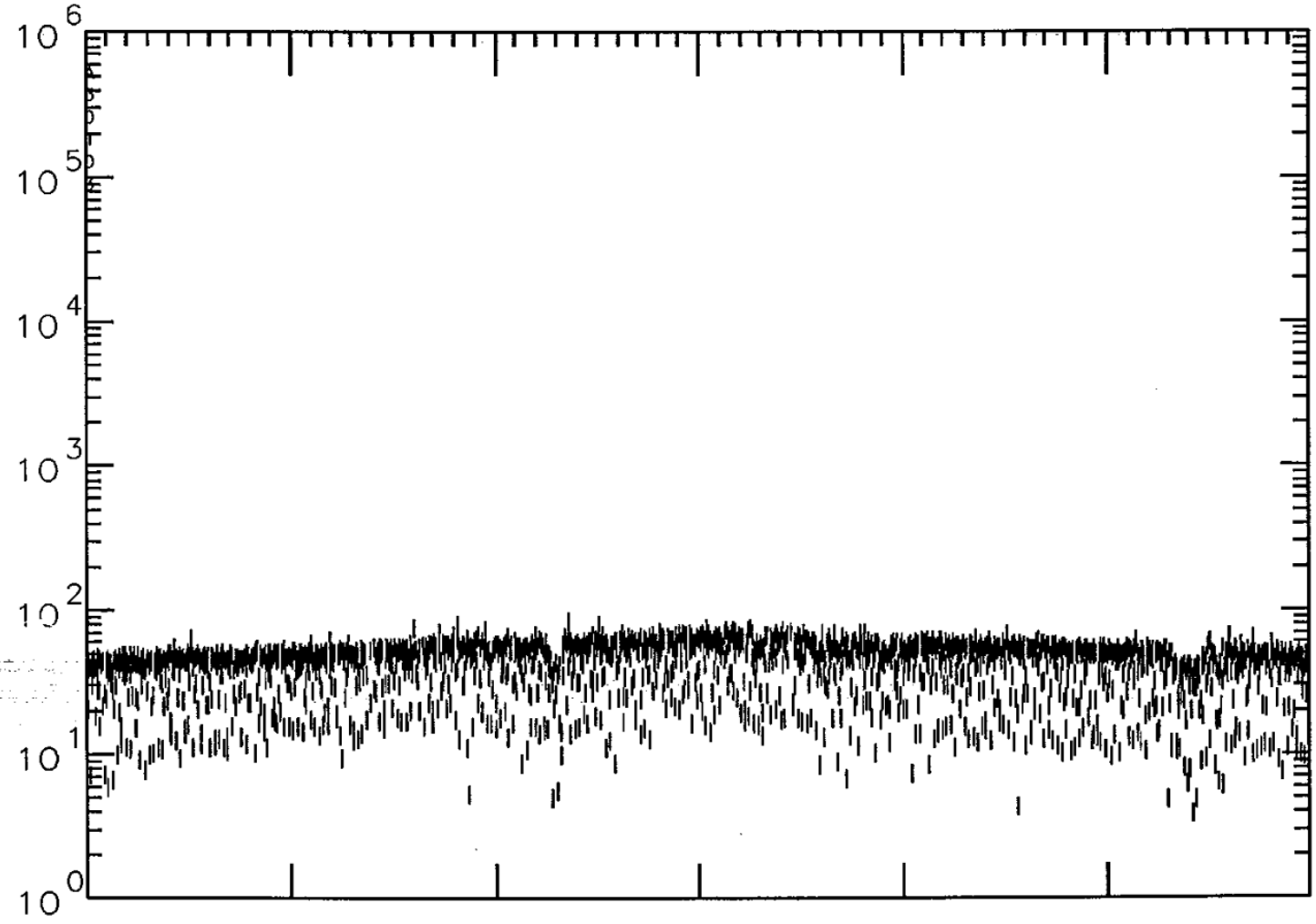
ALT	6482	4145	2192	1313	2057	3948	6268	km
LAT	73	70	48	11	−25	−52	−67	deg
LONG	43	−15	−48	−63	−74	−88	−109	deg
SZA	95	78	51	13	27	55	73	deg
LST	4.0	8.0	10.4	11.4	12.2	13.0	14.3	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:27:14

Universal Time, Day 82184

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1305

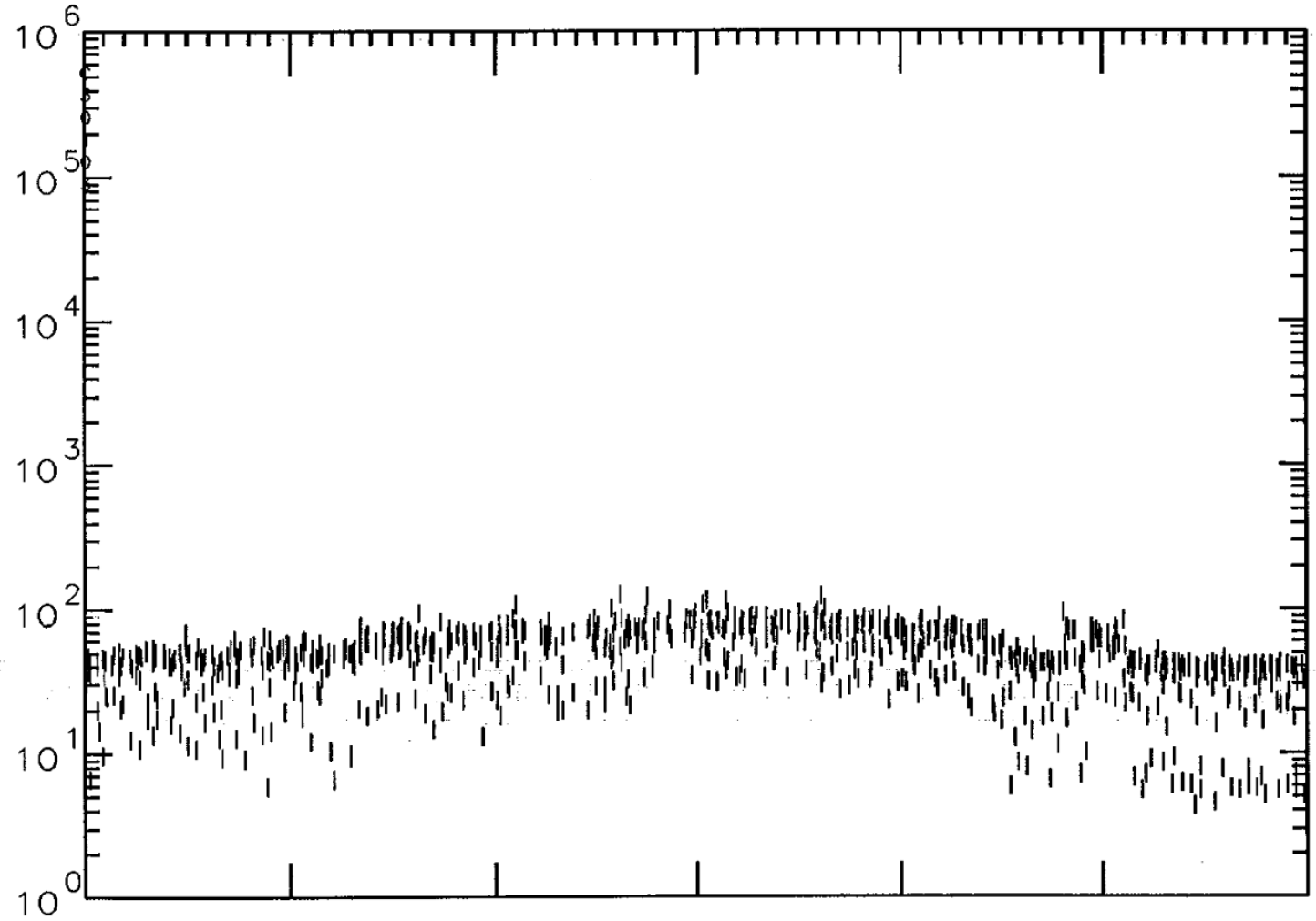
ALT	6266	3947	2058	1316	2196	4149	6485	km
LAT	73	69	45	8	−28	−54	−68	deg
LONG	40	−18	−49	−63	−74	−88	−110	deg
SZA	94	75	47	8	30	57	75	deg
LST	4.4	8.4	10.6	11.6	12.3	13.2	14.6	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:35:12

Universal Time, Day 82185

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1306

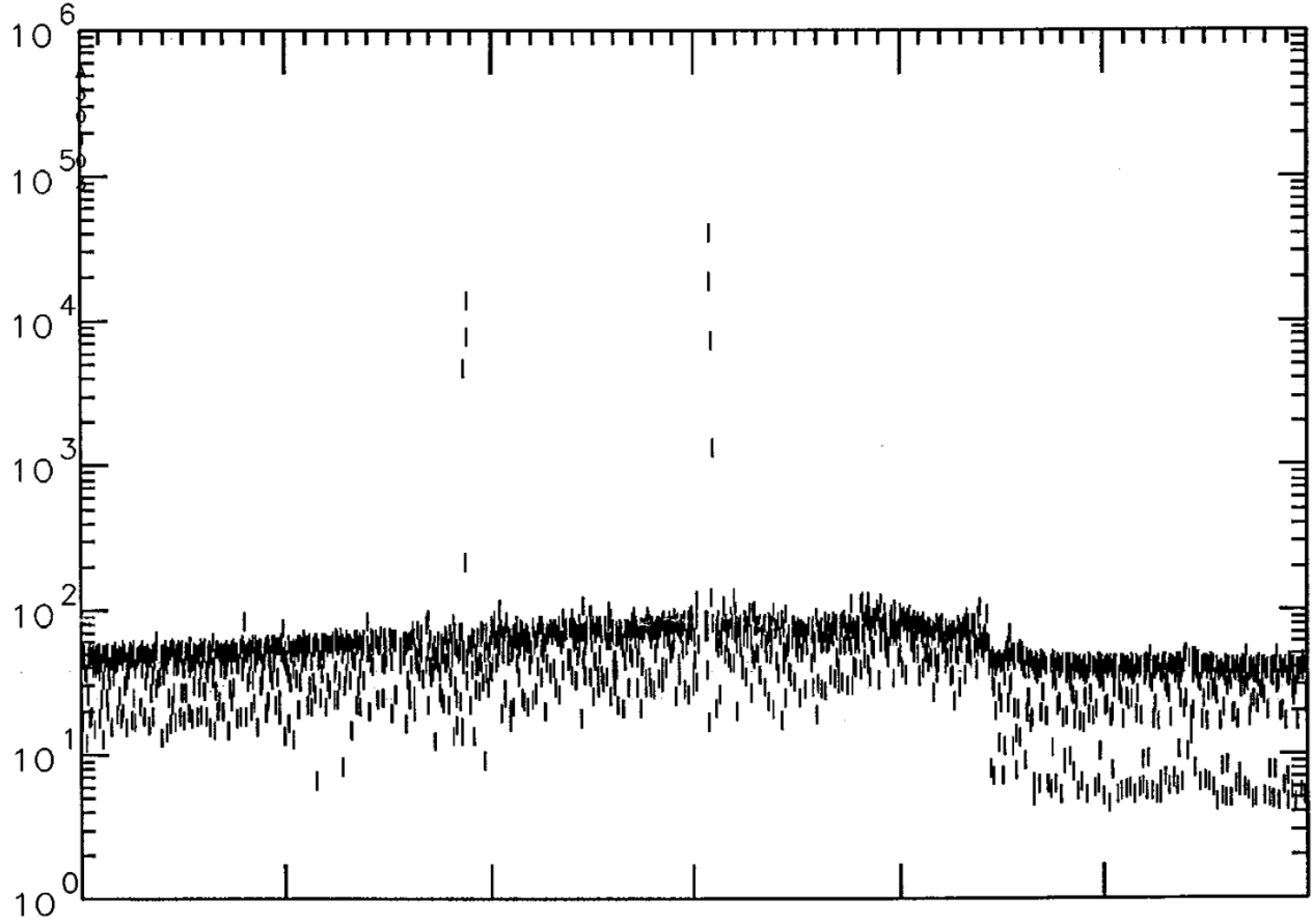
ALT	6290	3970	2075	1319	2183	4128	6462	km
LAT	73	69	45	8	−28	−53	−68	deg
LONG	42	−16	−47	−61	−72	−86	−108	deg
SZA	93	75	47	8	30	57	75	deg
LST	4.4	8.5	10.7	11.7	12.4	13.3	14.7	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:40:34

Universal Time, Day 82186

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1307

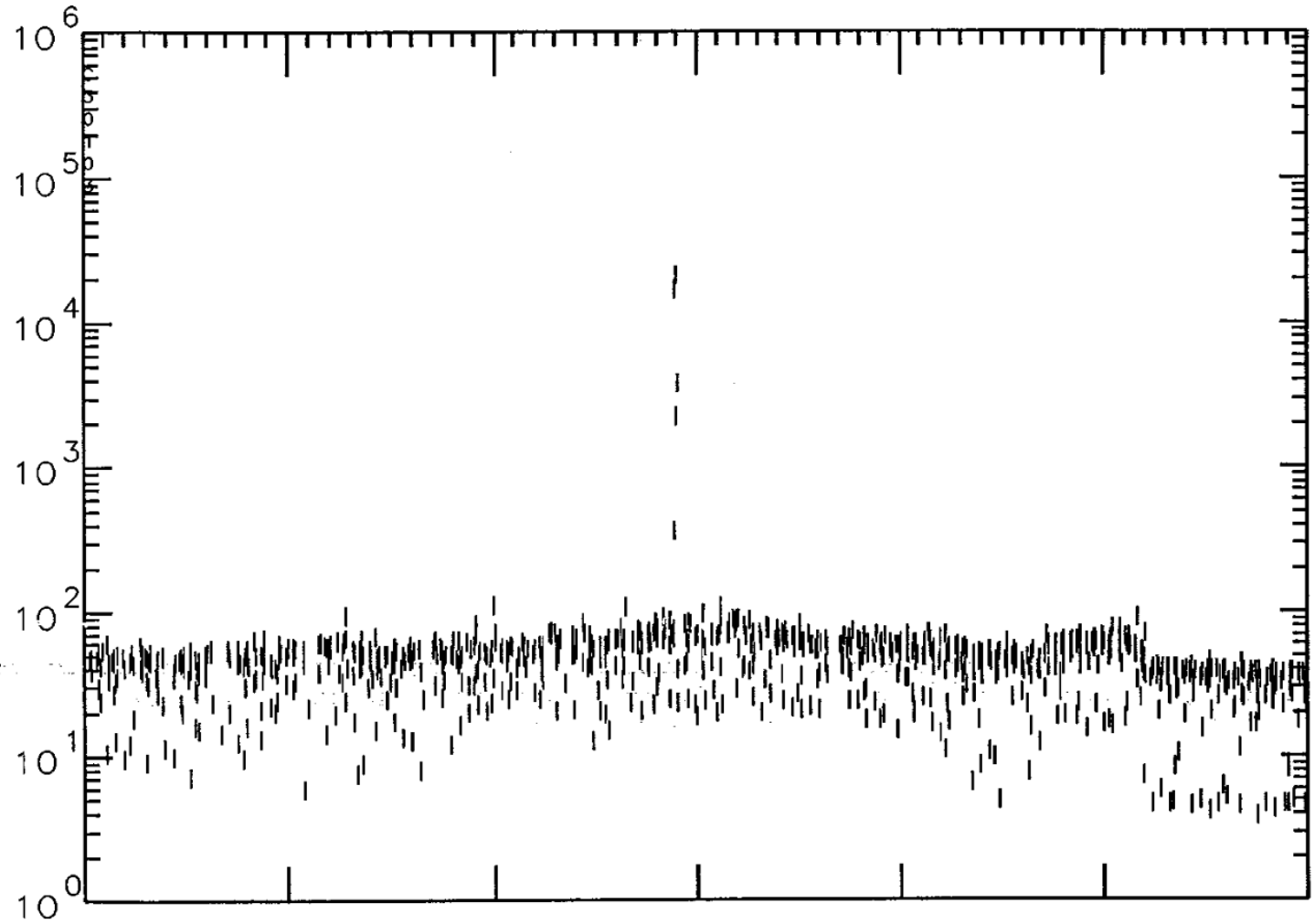
ALT	6314	3993	2092	1321	2170	4107	6438	km
LAT	73	69	45	8	−28	−53	−68	deg
LONG	44	−14	−45	−60	−71	−85	−107	deg
SZA	93	75	47	8	30	57	75	deg
LST	4.5	8.6	10.8	11.8	12.5	13.4	14.8	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:48:10

Universal Time, Day 82187

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



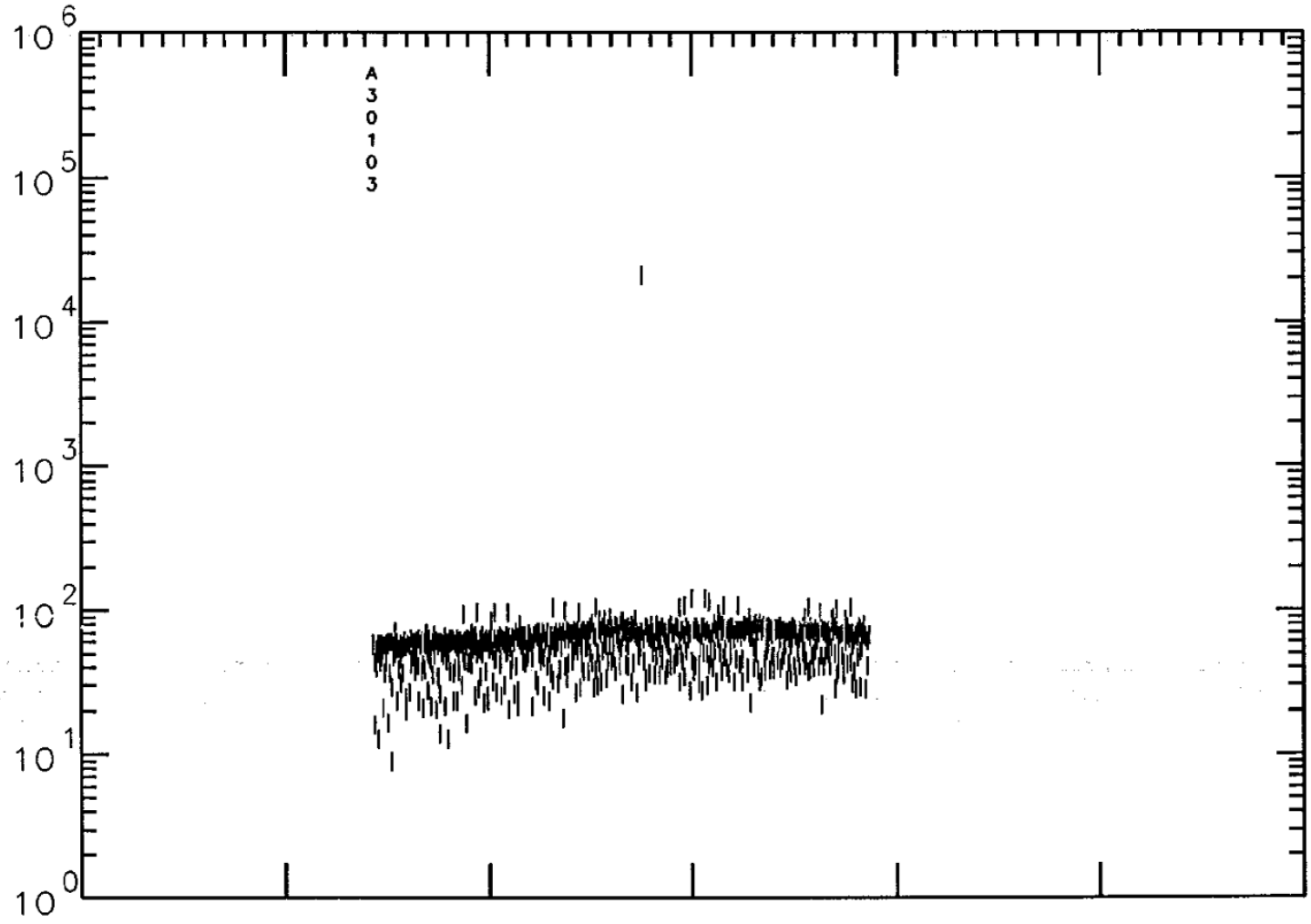
ALT	6337	4014	2108	1323	2158	4087	6416	km
LAT	73	69	46	9	−27	−53	−68	deg
LONG	45	−12	−44	−58	−69	−83	−105	deg
SZA	93	75	47	8	30	58	75	deg
LST	4.6	8.7	10.9	11.9	12.6	13.5	14.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:53:02

Universal Time, Day 82188

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



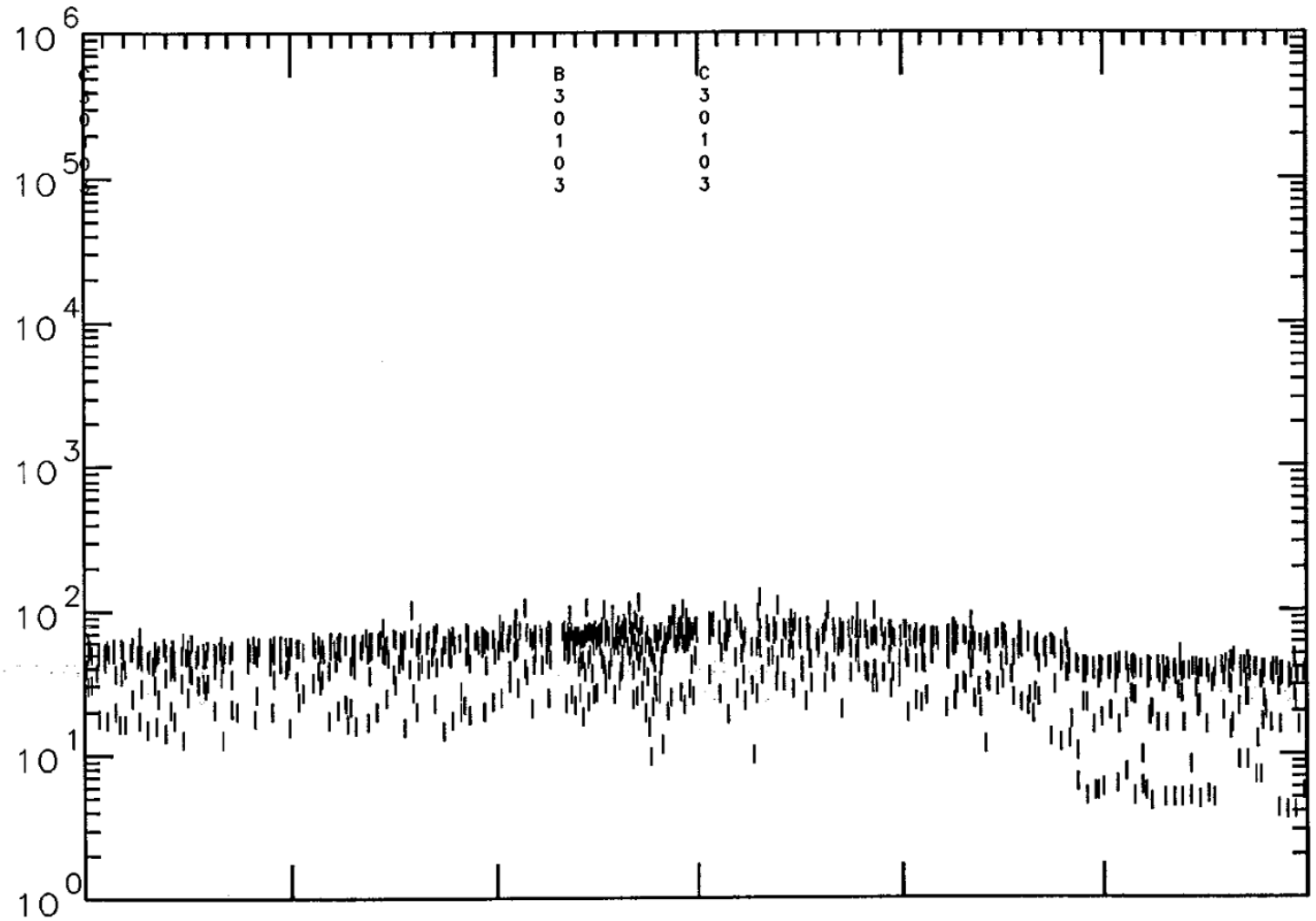
ALT	6362	4038	2125	1326	2144	4065	6391	km
LAT	73	69	46	9	-27	-53	-67	deg
LONG	47	-10	-42	-56	-68	-81	-103	deg
SZA	93	74	47	8	30	58	76	deg
LST	4.7	8.7	11.0	12.0	12.7	13.6	14.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
13:56:54

Universal Time, Day 82189

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1310

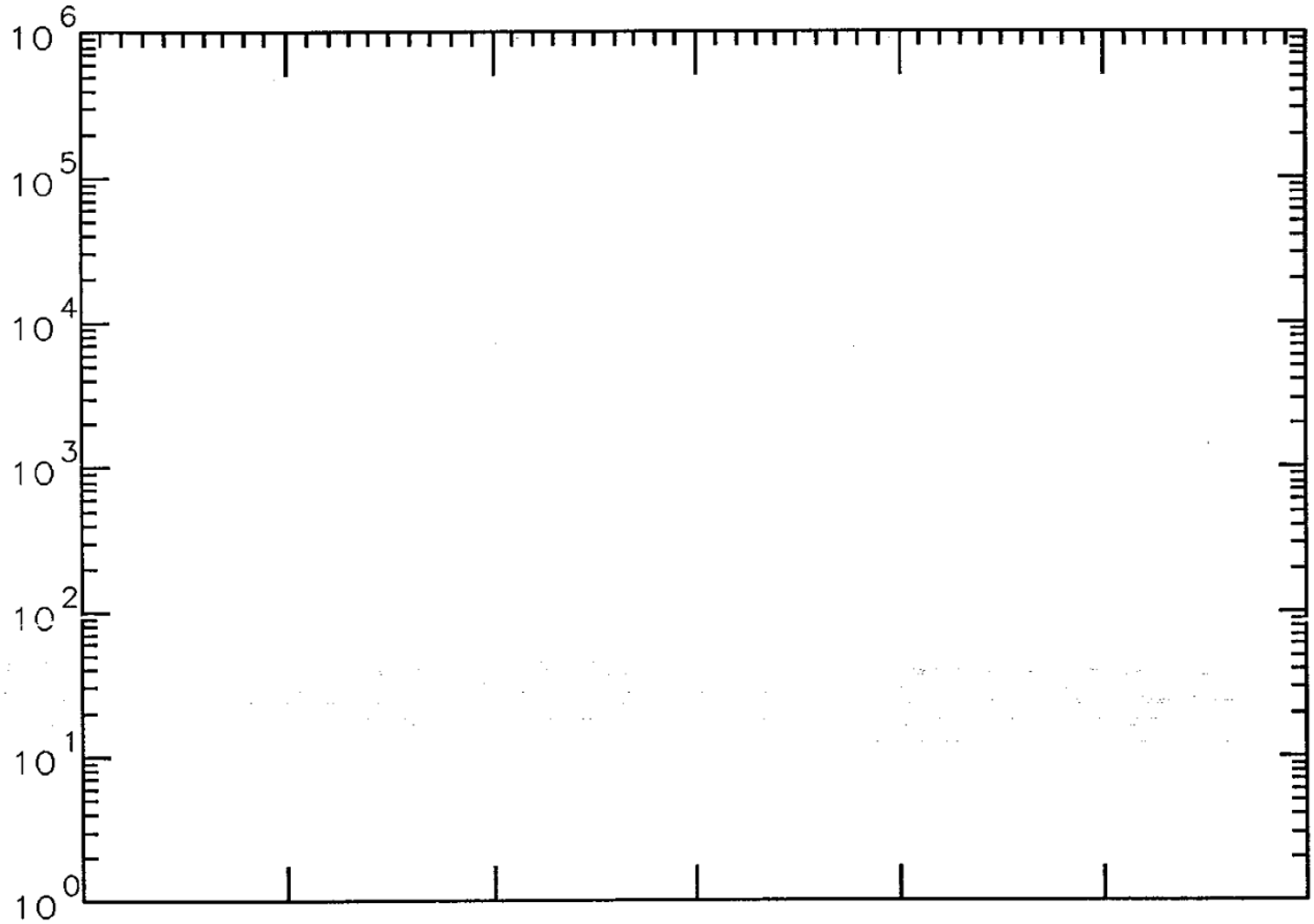
ALT	6387	4062	2143	1328	2130	4043	6367	km
LAT	73	69	46	10	−27	−53	−67	deg
LONG	49	−8	−40	−55	−66	−80	−101	deg
SZA	92	74	47	9	30	58	76	deg
LST	4.8	8.8	11.1	12.1	12.8	13.7	15.0	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:56:49

Universal Time, Day 82190

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1311

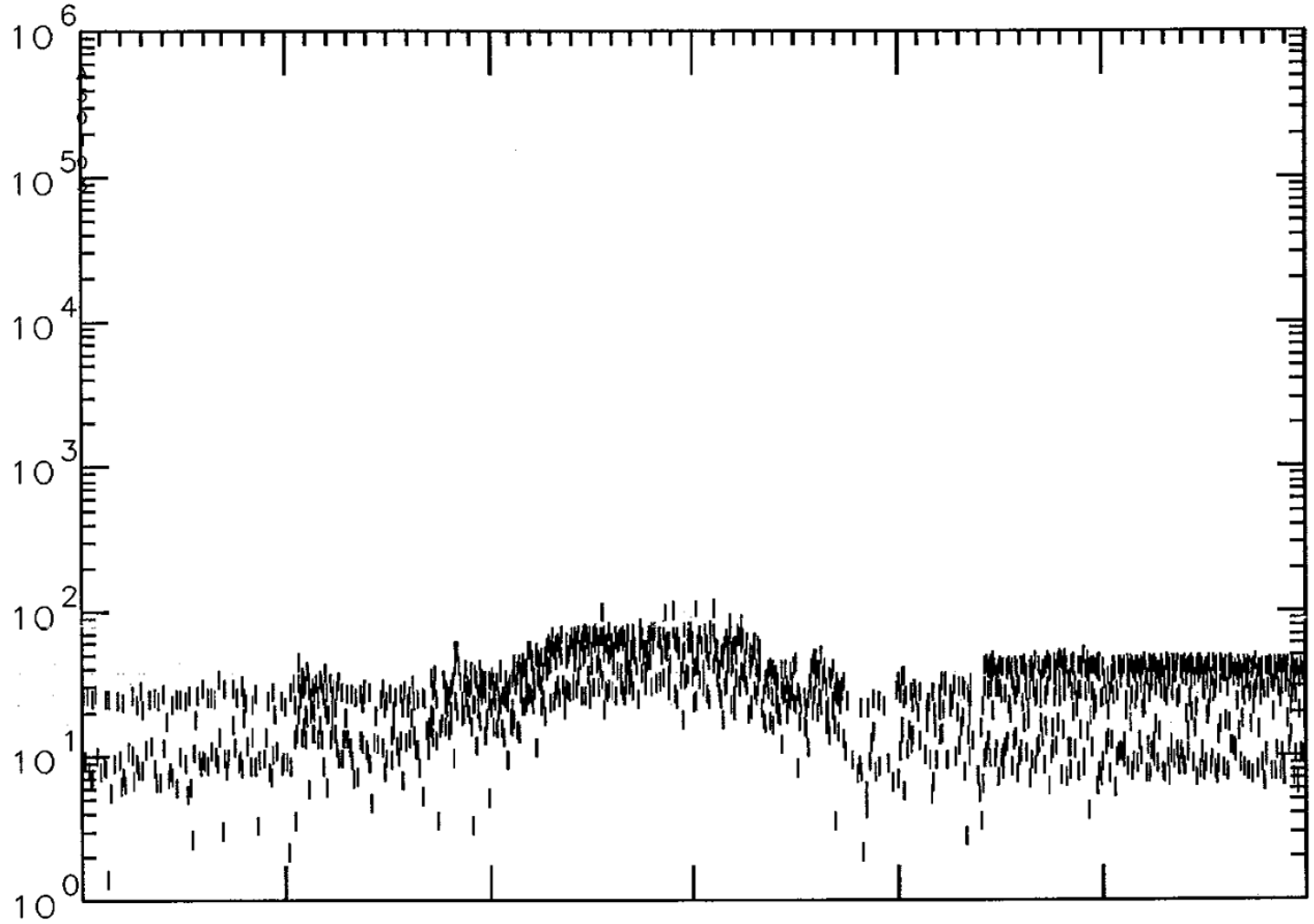
ALT	6412	4086	2161	1331	2117	4021	6342	km
LAT	73	69	47	10	−26	−52	−67	deg
LONG	51	−7	−39	−53	−64	−78	−100	deg
SZA	92	74	47	10	30	58	76	deg
LST	4.9	8.9	11.2	12.2	12.9	13.8	15.1	hr

Ne hi-res Radial

Plotted:
3-AUG-93
15:42:22

Universal Time, Day 82191

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1312

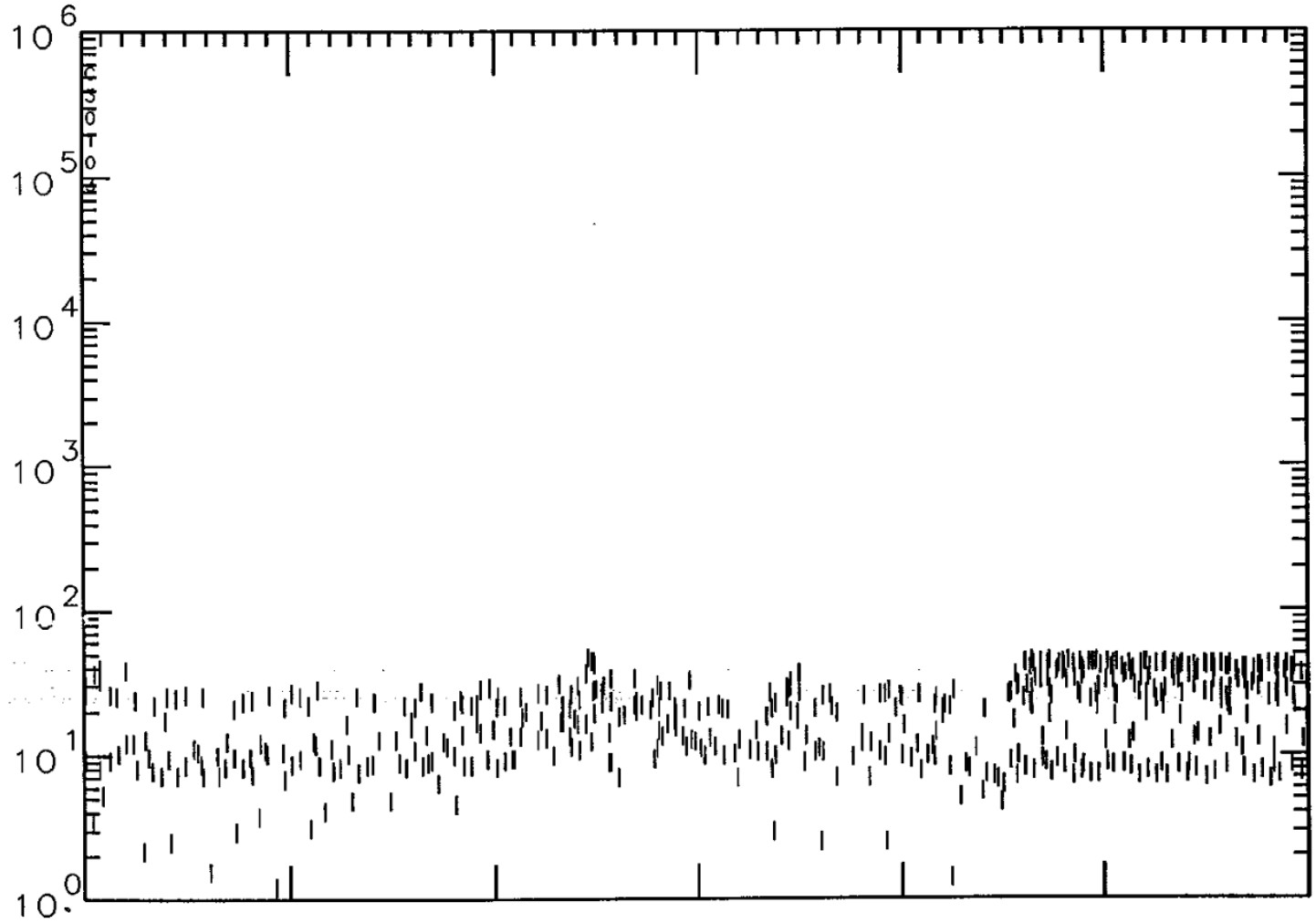
ALT	6437	4110	2178	1333	2103	4000	6317	km
LAT	73	69	47	10	−26	−52	−67	deg
LONG	53	−5	−37	−52	−63	−76	−98	deg
SZA	92	74	47	11	31	58	76	deg
LST	4.9	9.0	11.3	12.3	13.0	13.9	15.2	hr

Ne hi-res Radial

Plotted:
3-AUG-93
15:49:20

Universal Time, Day 82192

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



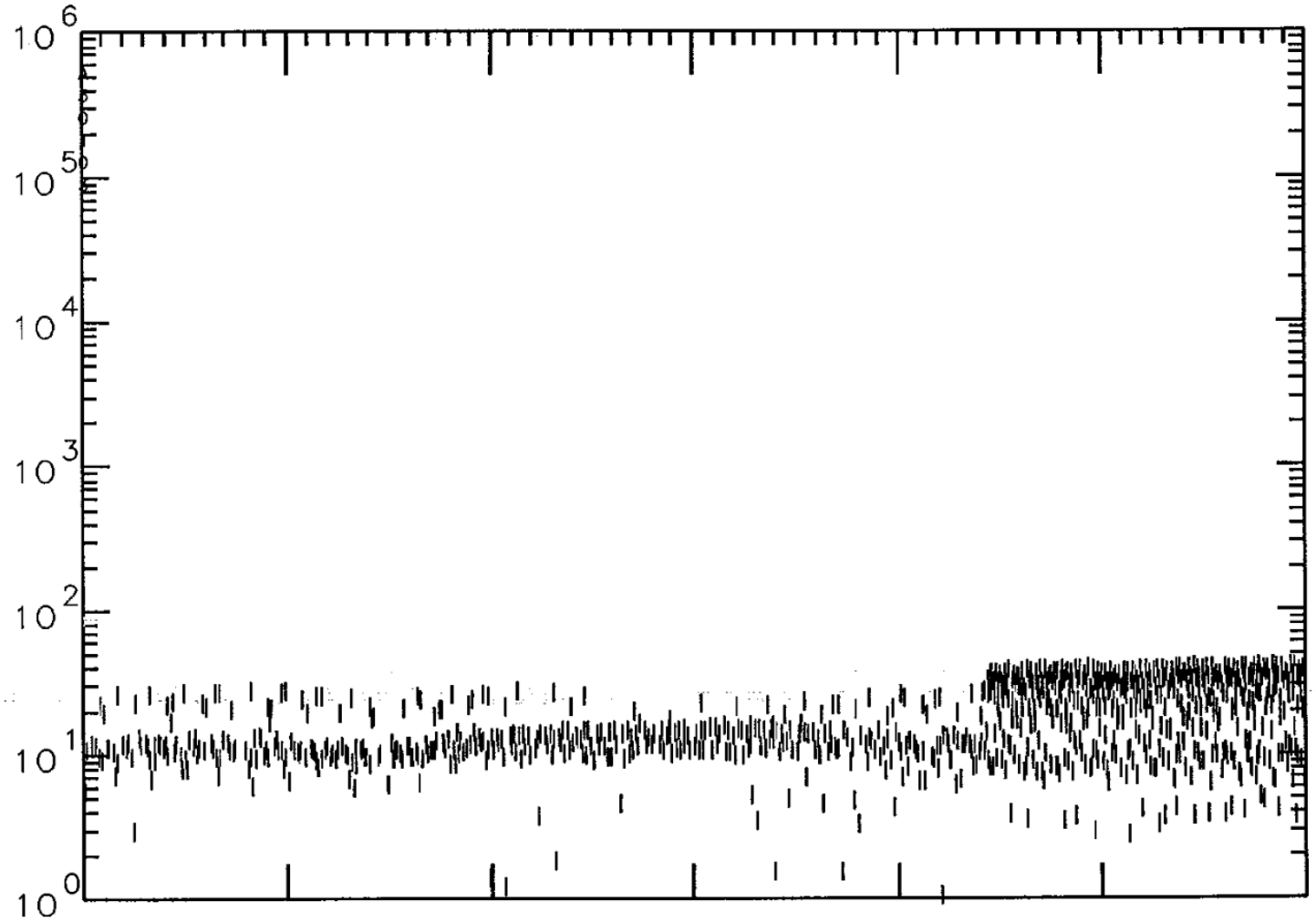
ALT	6461	4133	2195	1336	2090	3978	6293	km
LAT	73	70	47	11	−26	−52	−67	deg
LONG	55	−3	−35	−50	−61	−75	−96	deg
SZA	91	74	47	12	31	59	77	deg
LST	5.0	9.1	11.4	12.4	13.1	14.0	15.3	hr

Ne hi-res Radial

Plotted:
3-AUG-93
15:54:21

Universal Time, Day 82193

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1314

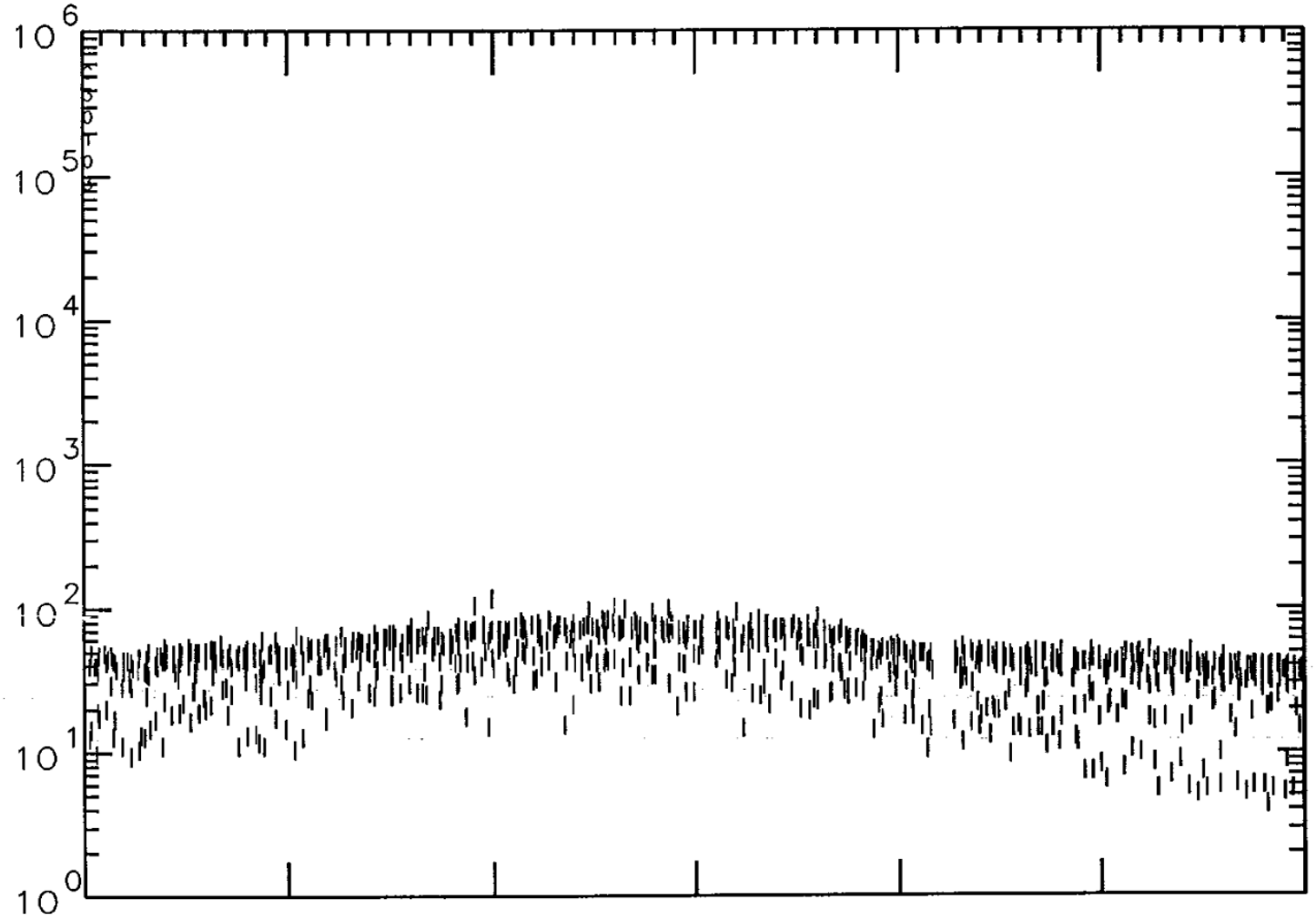
ALT	6485	4156	2212	1339	2077	3957	6270	km
LAT	73	70	47	11	−25	−52	−67	deg
LONG	57	−1	−34	−48	−60	−73	−94	deg
SZA	91	74	47	13	32	59	77	deg
LST	5.1	9.1	11.5	12.5	13.2	14.1	15.4	hr

Ne hi-res Radial

Plotted:
3-AUG-93
16:00:40

Universal Time, Day 82194

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1315

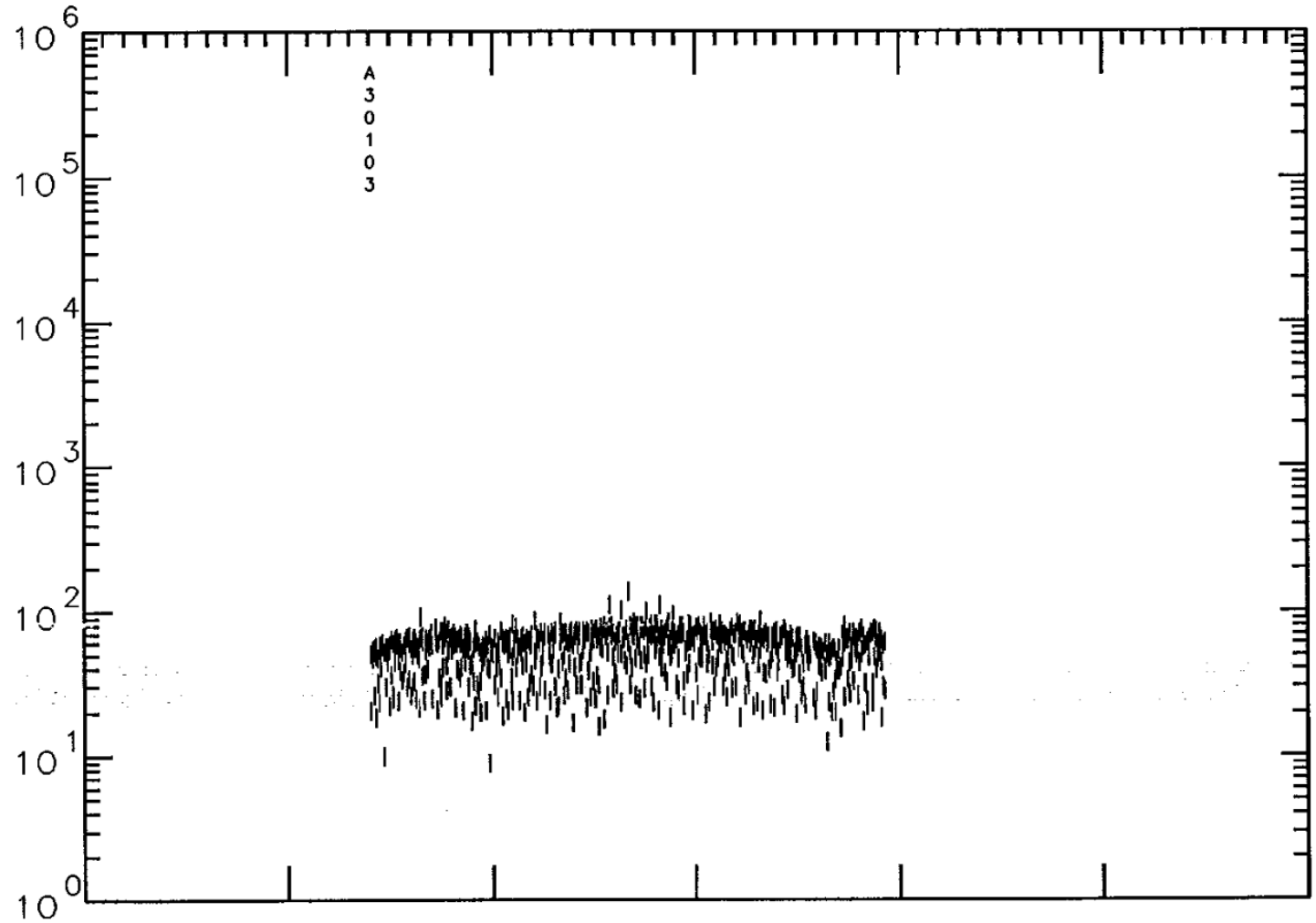
ALT	6266	3955	2076	1340	2216	4160	6489	km
LAT	73	68	45	8	−28	−54	−68	deg
LONG	53	−4	−34	−48	−59	−73	−95	deg
SZA	89	71	44	12	35	61	79	deg
LST	5.5	9.6	11.7	12.7	13.4	14.3	15.6	hr

Ne hi-res Radial

Plotted:
3-AUG-93
16:05:53

Universal Time, Day 82195

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1316

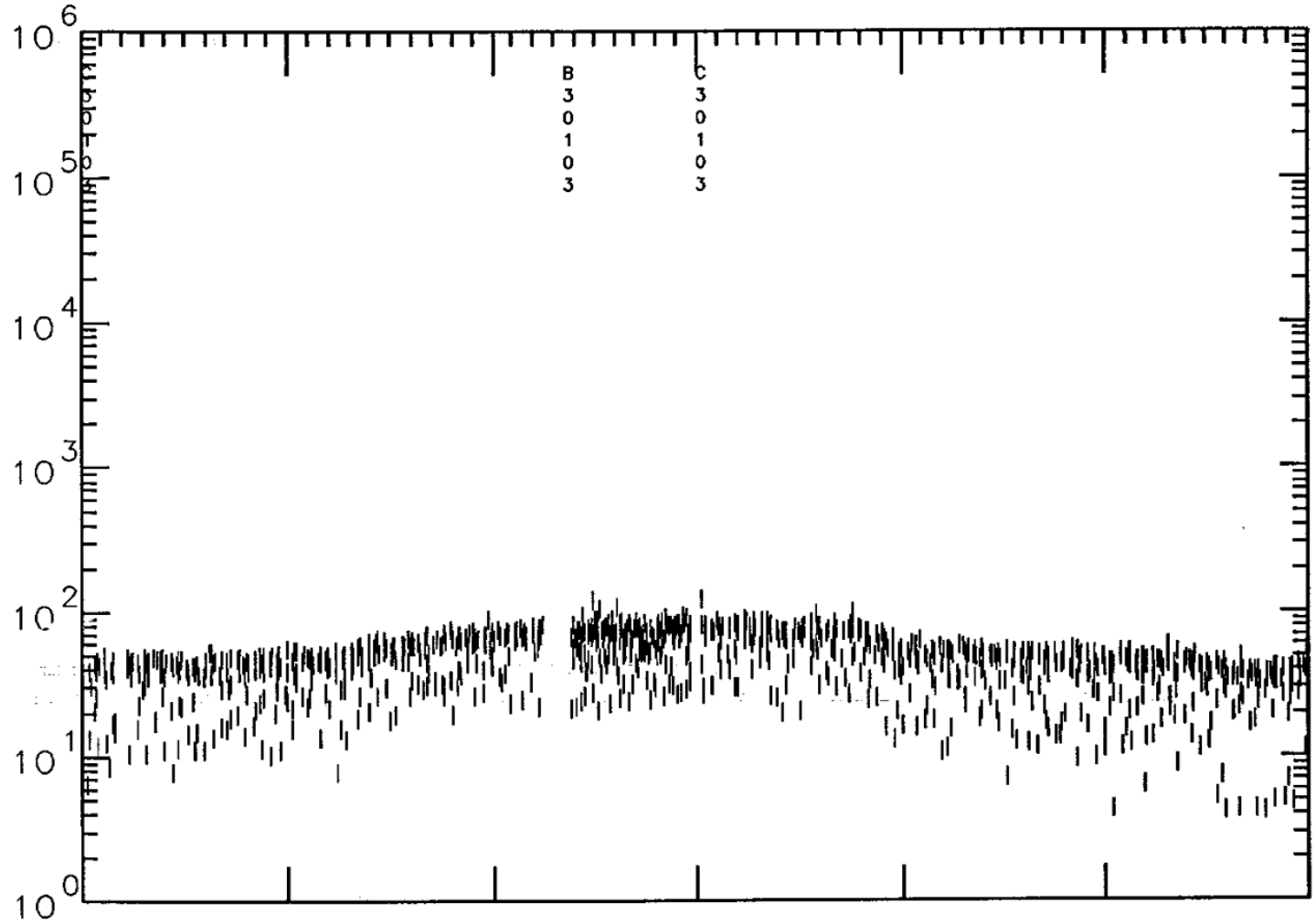
ALT	6288	3975	2091	1341	2203	4140	6467	km
LAT	73	69	45	8	−28	−53	−68	deg
LONG	55	−2	−32	−46	−58	−71	−94	deg
SZA	89	71	44	14	36	62	79	deg
LST	5.6	9.6	11.8	12.8	13.5	14.4	15.7	hr

Ne hi-res Radial

Plotted:
3-AUG-93
16:09:58

Universal Time, Day 82196

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



N_e (cm^{-3})

Orbit 1317

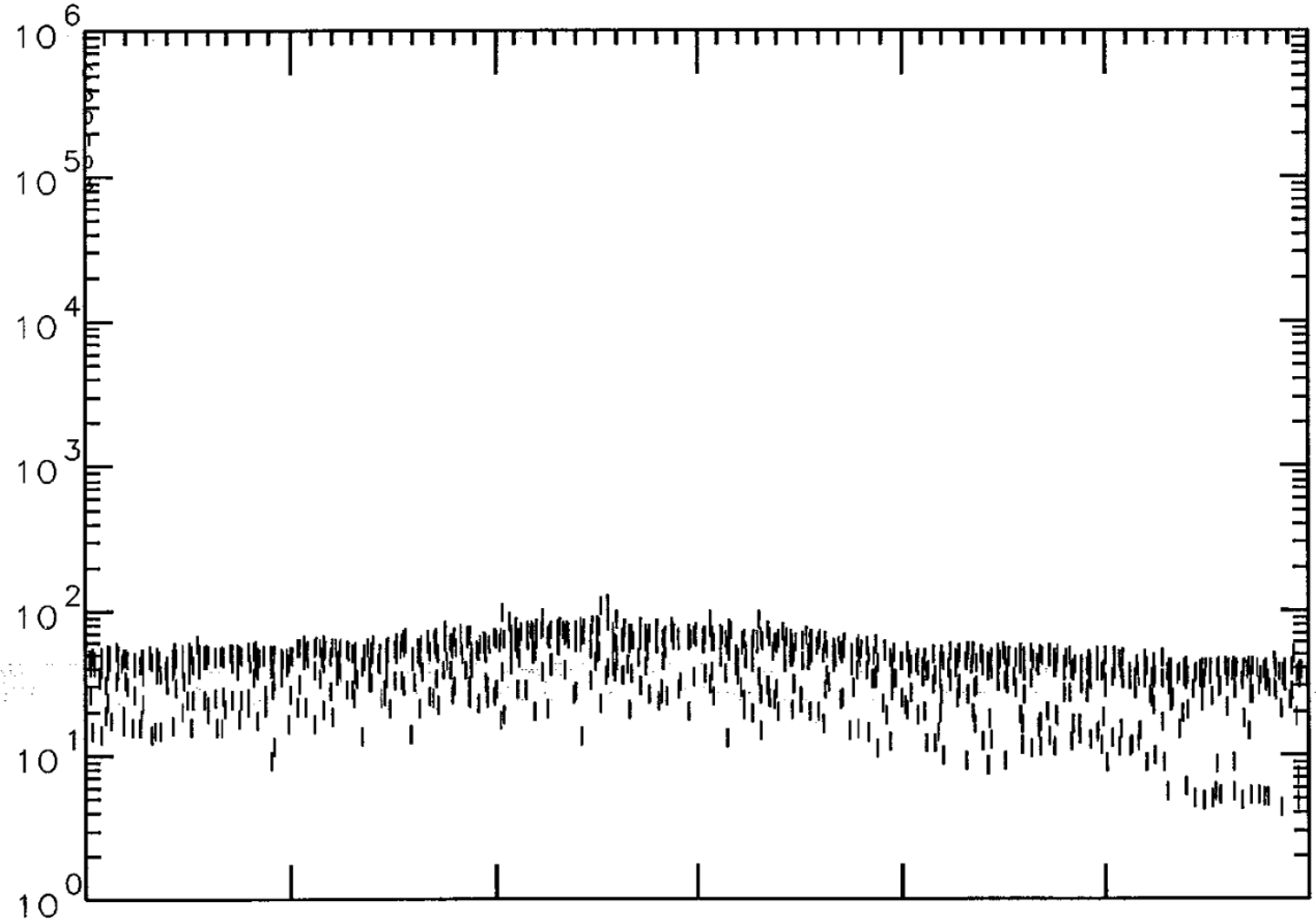
ALT	6310	3995	2105	1343	2191	4121	6447	km
LAT	73	69	45	8	−28	−53	−68	deg
LONG	57	0	−31	−45	−56	−70	−92	deg
SZA	89	71	45	15	37	62	79	deg
LST	5.7	9.7	11.9	12.9	13.6	14.5	15.8	hr

Ne hi-res Radial

Plotted:
3-AUG-93
16:16:06

Universal Time, Day 82197

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1318

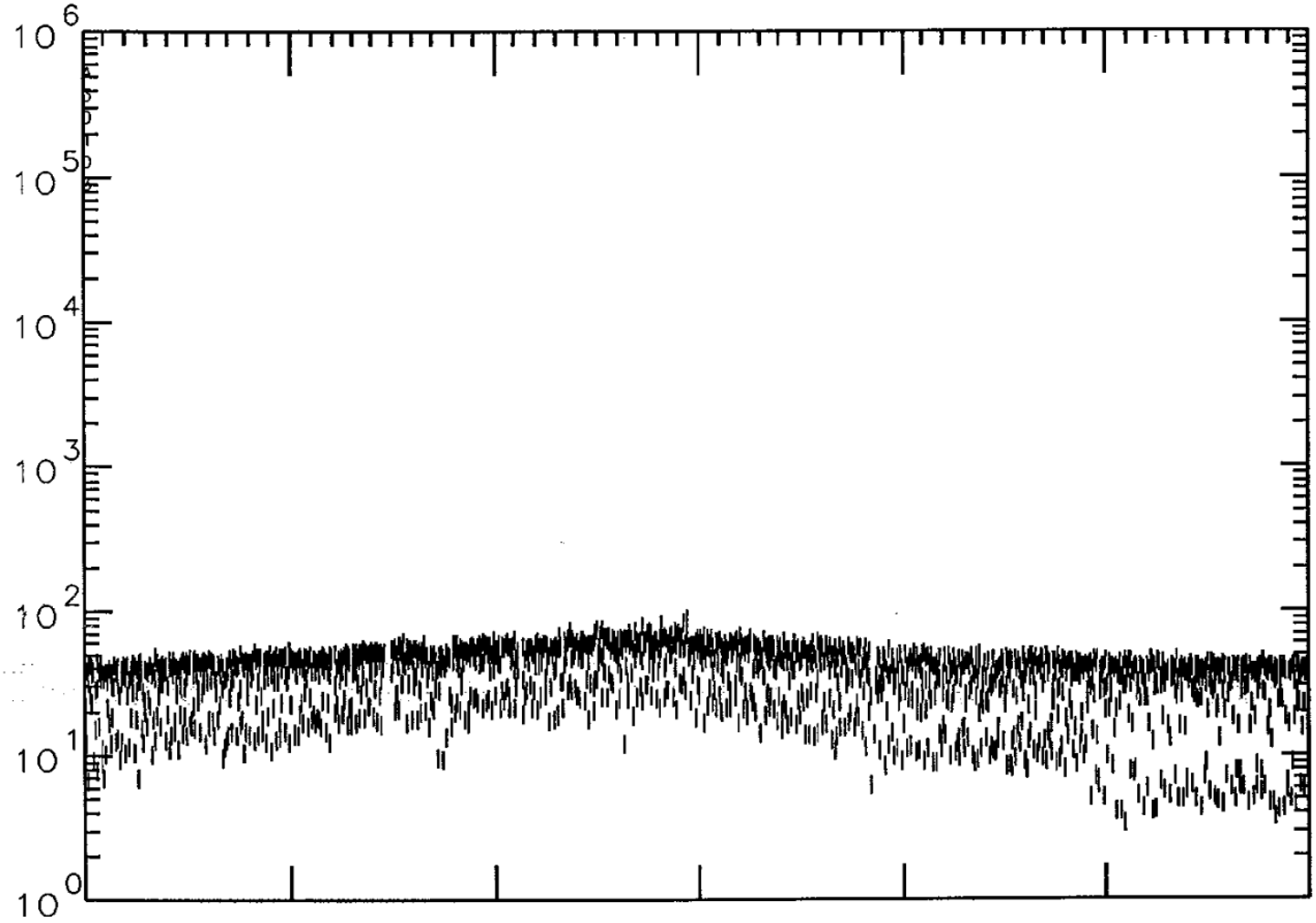
ALT	6330	4014	2118	1344	2179	4104	6427	km
LAT	73	69	45	9	−27	−53	−68	deg
LONG	59	0	−29	−43	−54	−68	−90	deg
SZA	89	71	45	17	37	63	80	deg
LST	5.8	9.8	12.0	13.0	13.7	14.6	15.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
16:21:15

Universal Time, Day 82198

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1319

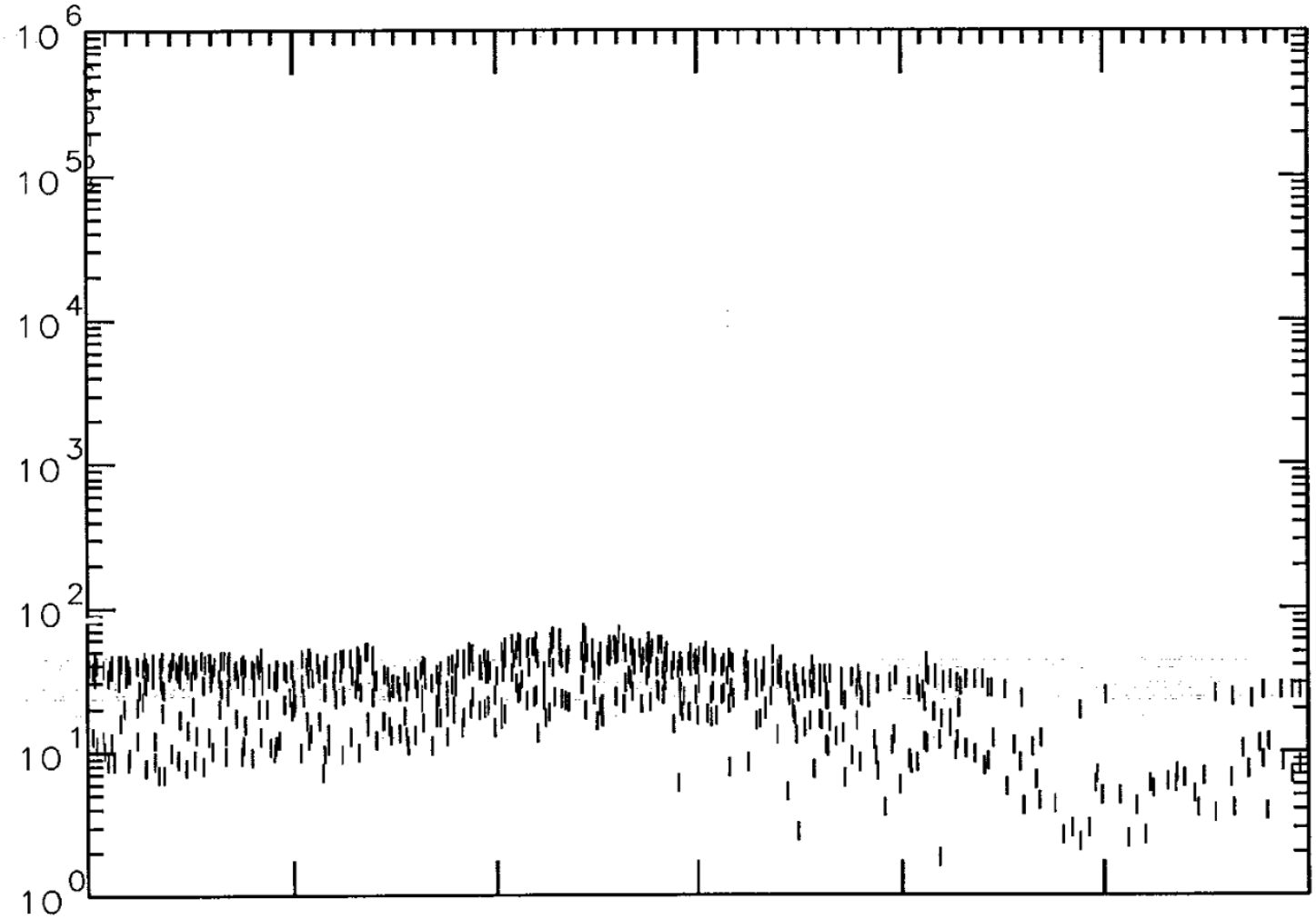
ALT	6348	4032	2131	1345	2169	4087	6408	km
LAT	73	69	46	9	−27	−53	−68	deg
LONG	61	2	−28	−42	−53	−66	−88	deg
SZA	88	71	45	18	38	63	80	deg
LST	5.8	9.9	12.1	13.1	13.8	14.7	16.0	hr

Ne hi-res Radial

Plotted:
3-AUG-93
16:29:14

Universal Time, Day 82199

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



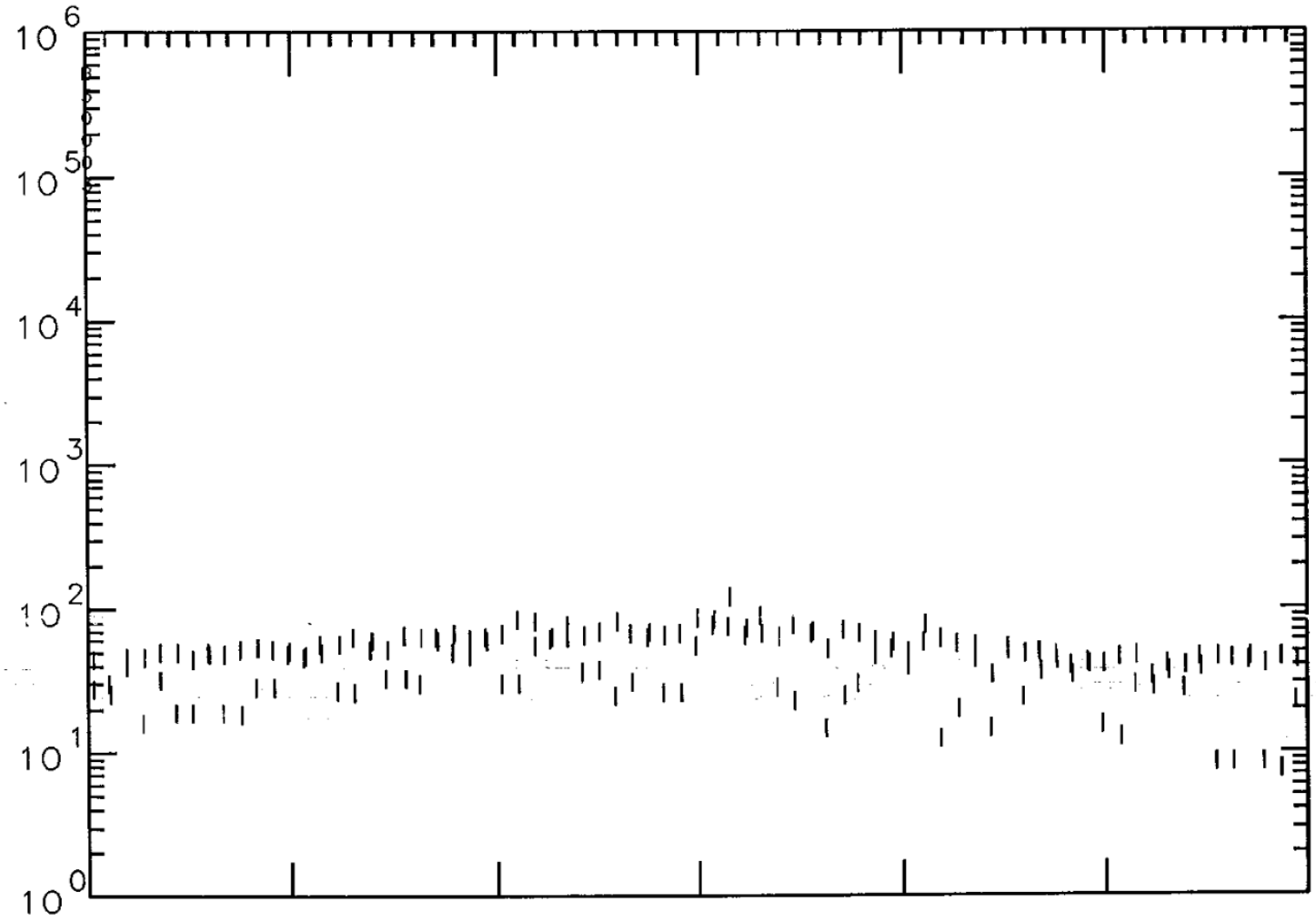
ALT	6366	4048	2143	1346	2158	4071	6391 km
LAT	73	69	46	9	−27	−53	−68 deg
LONG	63	4	−26	−40	−51	−65	−87 deg
SZA	88	71	46	20	39	64	80 deg
LST	5.9	10.0	12.2	13.2	13.9	14.8	16.1 hr

Ne hi-res Radial

Plotted:
3-AUG-93
19:57:27

Universal Time, Day 82200

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1321

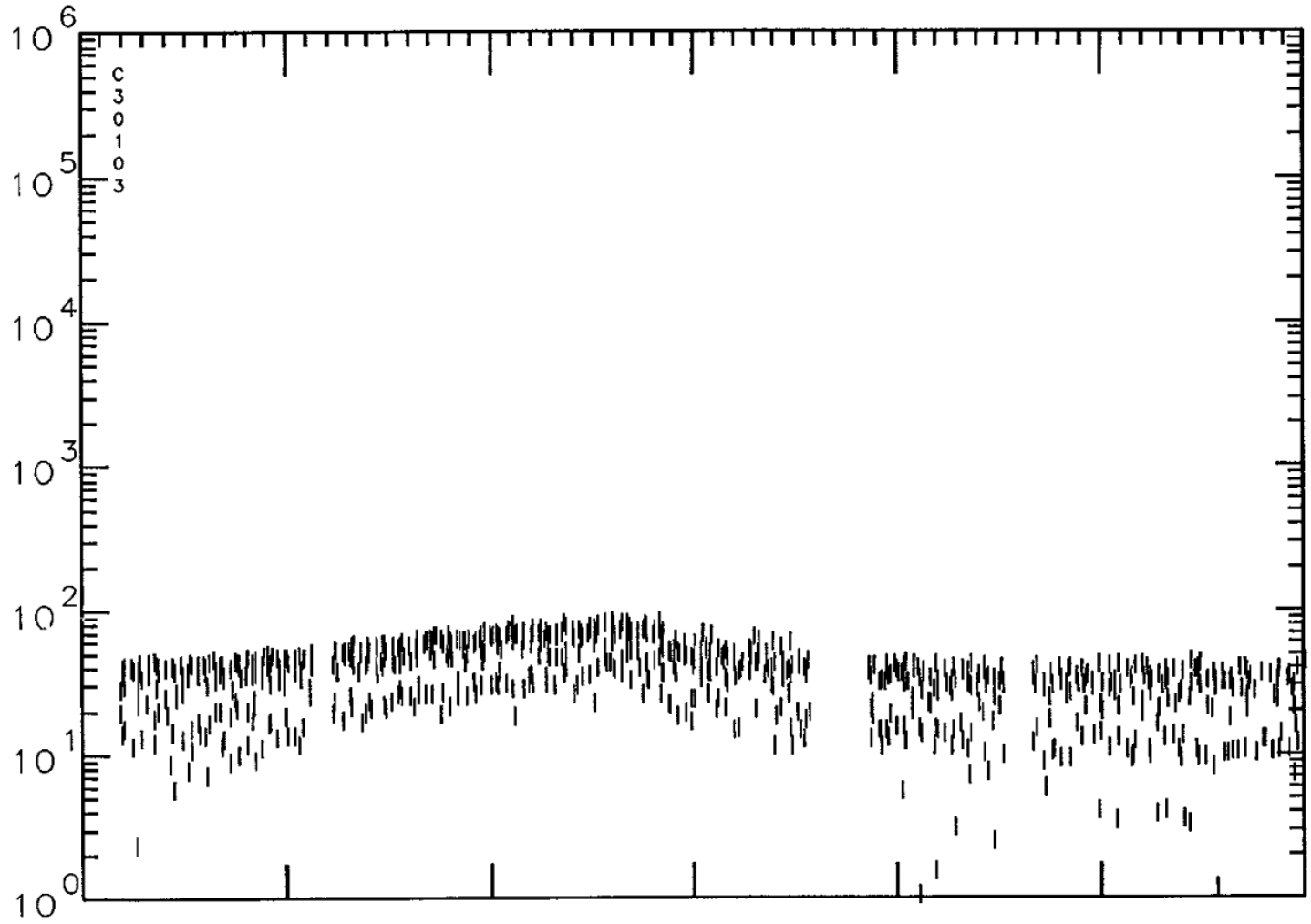
ALT	6381	4063	2153	1347	2150	4058	6376	km
LAT	73	69	46	9	−27	−53	−68	deg
LONG	64	6	−24	−39	−50	−63	−85	deg
SZA	88	71	46	21	40	64	81	deg
LST	6.0	10.1	12.3	13.3	14.0	14.9	16.2	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:01:14

Universal Time, Day 82201

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



N_e
(cm^{-3})

Orbit
1322

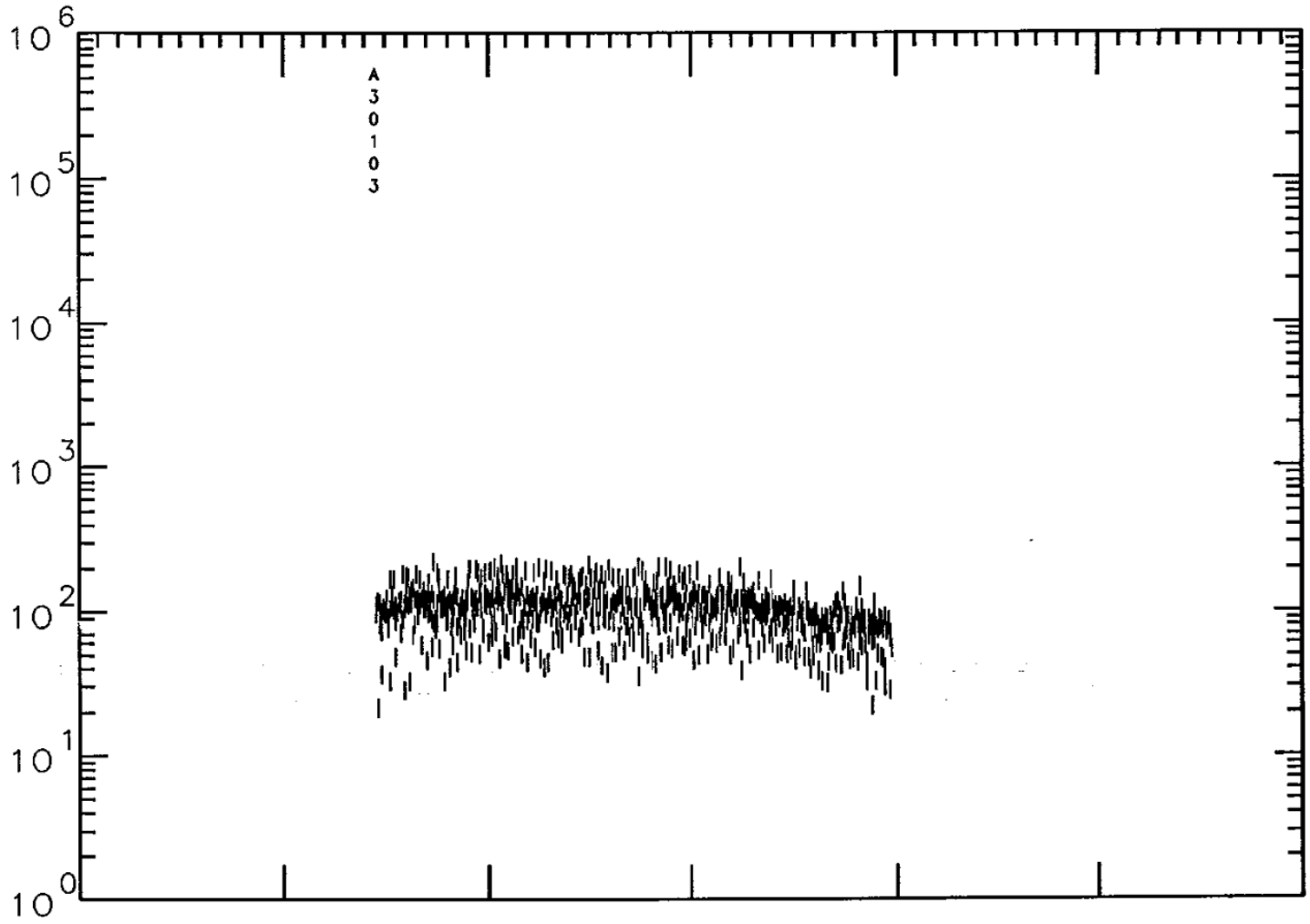
ALT	6396	4076	2163	1348	2141	4045	6361	km
LAT	73	69	46	10	−27	−53	−67	deg
LONG	66	7	−23	−37	−48	−62	−83	deg
SZA	87	71	46	23	41	65	81	deg
LST	6.1	10.2	12.4	13.4	14.1	15.0	16.3	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:06:01

Universal Time, Day 82202

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1323

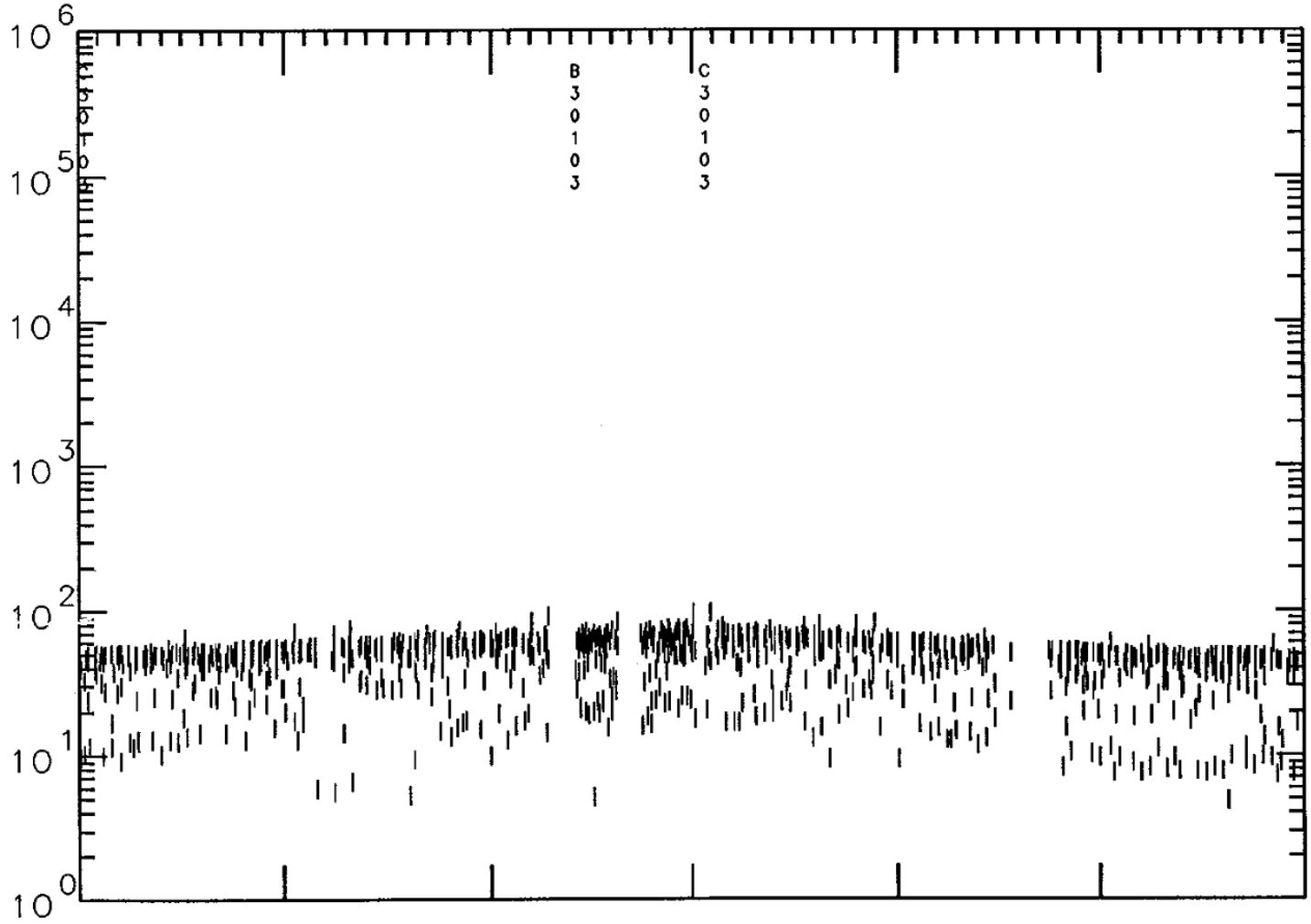
ALT	6409	4089	2172	1349	2134	4033	6349	km
LAT	73	69	46	10	−26	−52	−67	deg
LONG	68	9	−21	−36	−47	−60	−82	deg
SZA	87	71	47	24	42	65	82	deg
LST	6.2	10.3	12.5	13.5	14.2	15.1	16.4	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:10:06

Universal Time, Day 82203

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1324

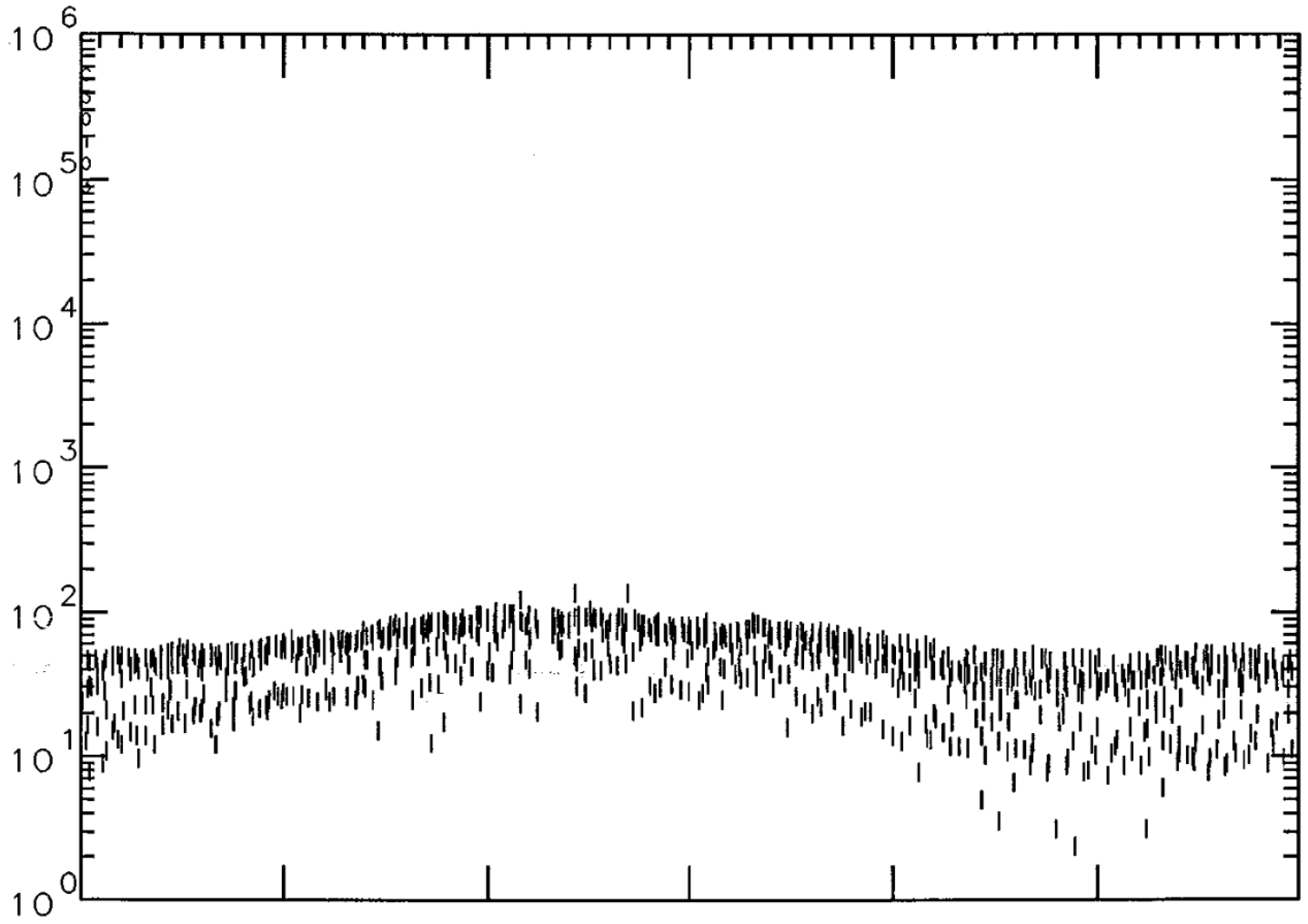
ALT	6420	4099	2179	1349	2128	4023	6338	km
LAT	73	69	46	10	−26	−52	−67	deg
LONG	69	11	−20	−34	−45	−58	−80	deg
SZA	87	71	47	26	43	66	82	deg
LST	6.3	10.4	12.6	13.6	14.3	15.2	16.5	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:15:58

Universal Time, Day 82204

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1325

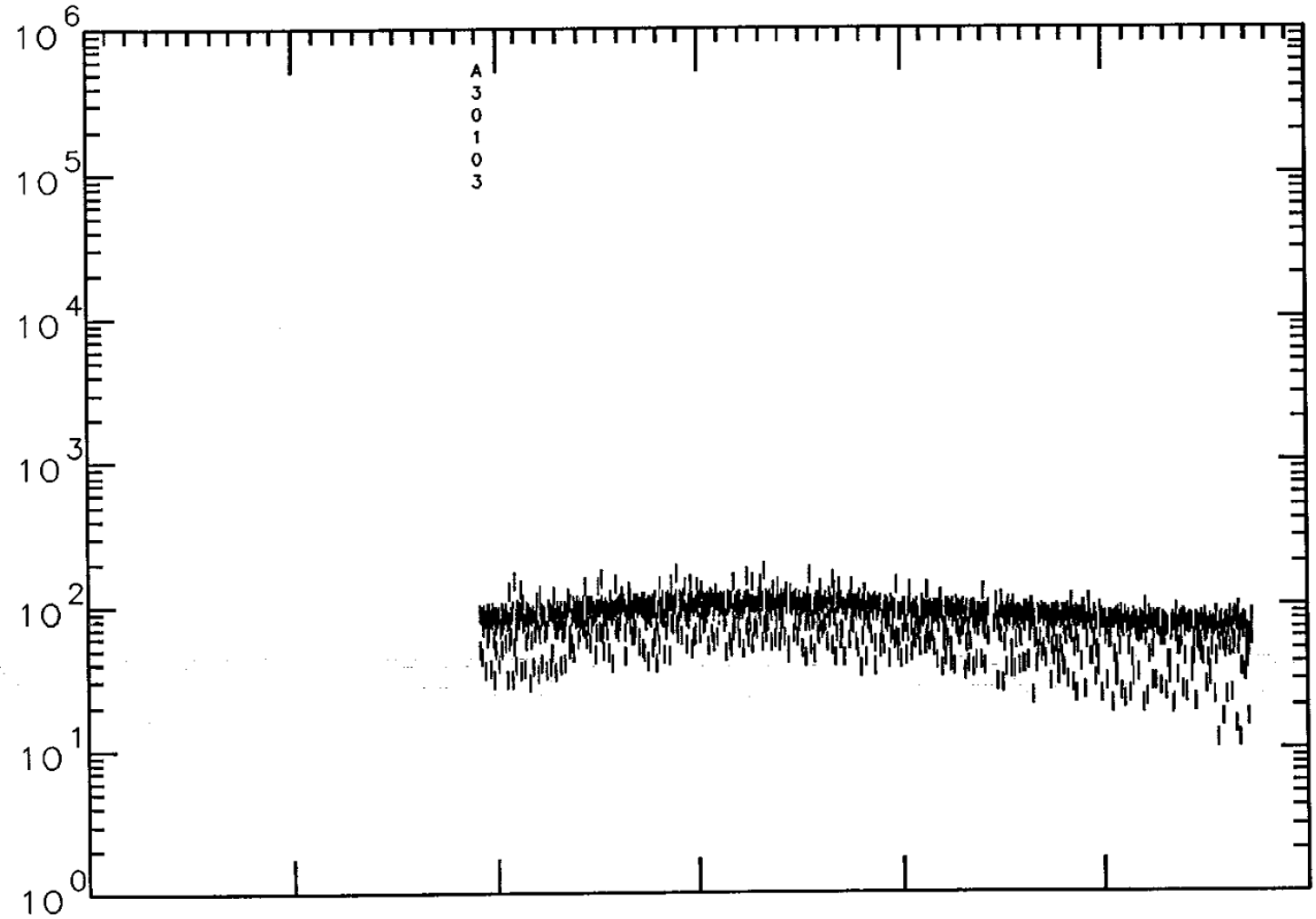
ALT	6429	4108	2186	1350	2122	4015	6328	km
LAT	73	69	47	10	−26	−52	−67	deg
LONG	71	12	−18	−33	−43	−57	−78	deg
SZA	87	71	48	27	44	67	83	deg
LST	6.4	10.5	12.7	13.7	14.4	15.3	16.6	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:20:57

Universal Time, Day 82205

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1326

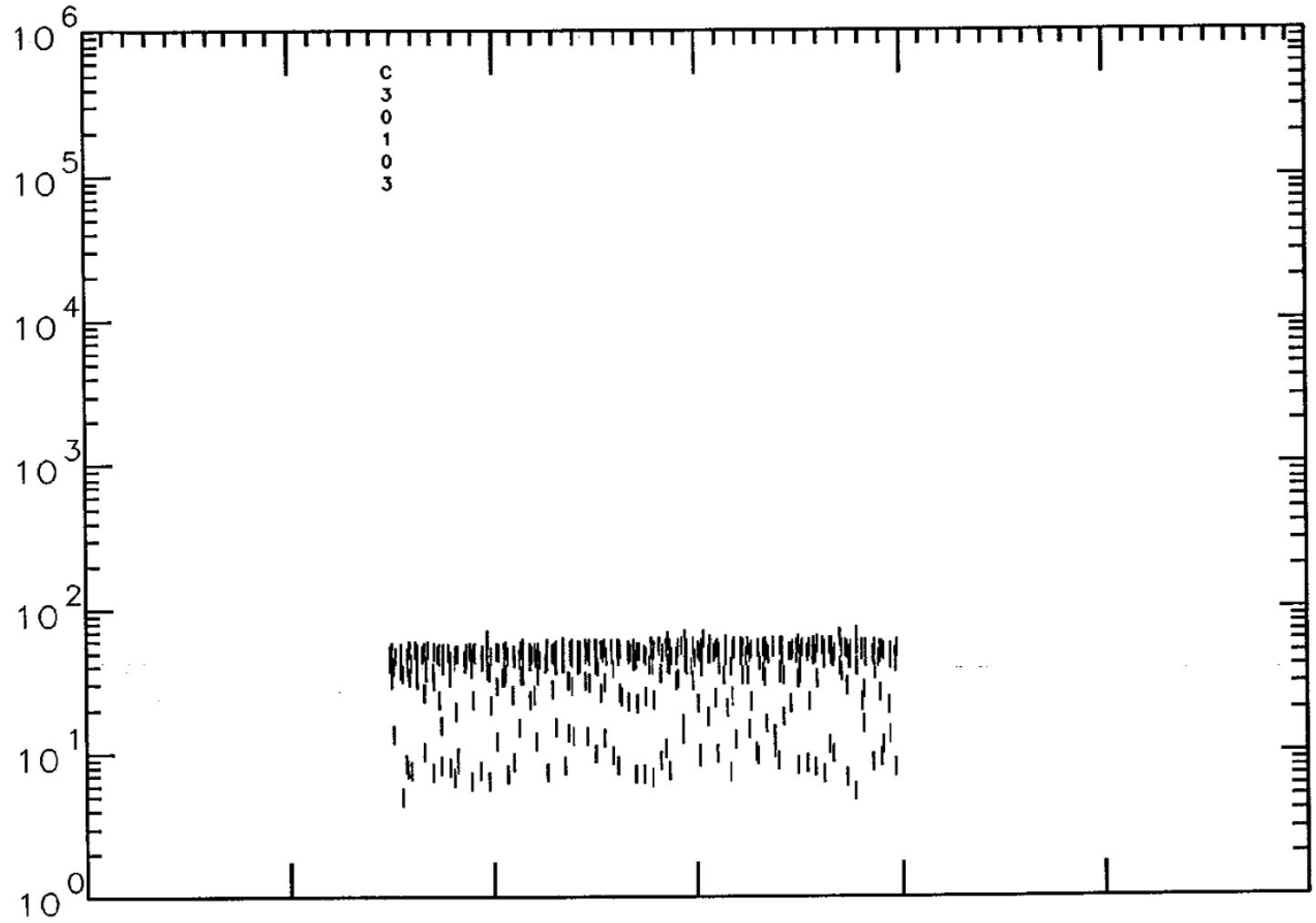
ALT	6437	4115	2191	1351	2118	4008	6321	km
LAT	73	69	47	10	−26	−52	−67	deg
LONG	73	14	−17	−31	−42	−55	−77	deg
SZA	86	71	48	29	45	67	83	deg
LST	6.5	10.6	12.8	13.8	14.5	15.4	16.7	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:25:43

Universal Time, Day 82206

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



N_e
(cm^{-3})

Orbit
1327

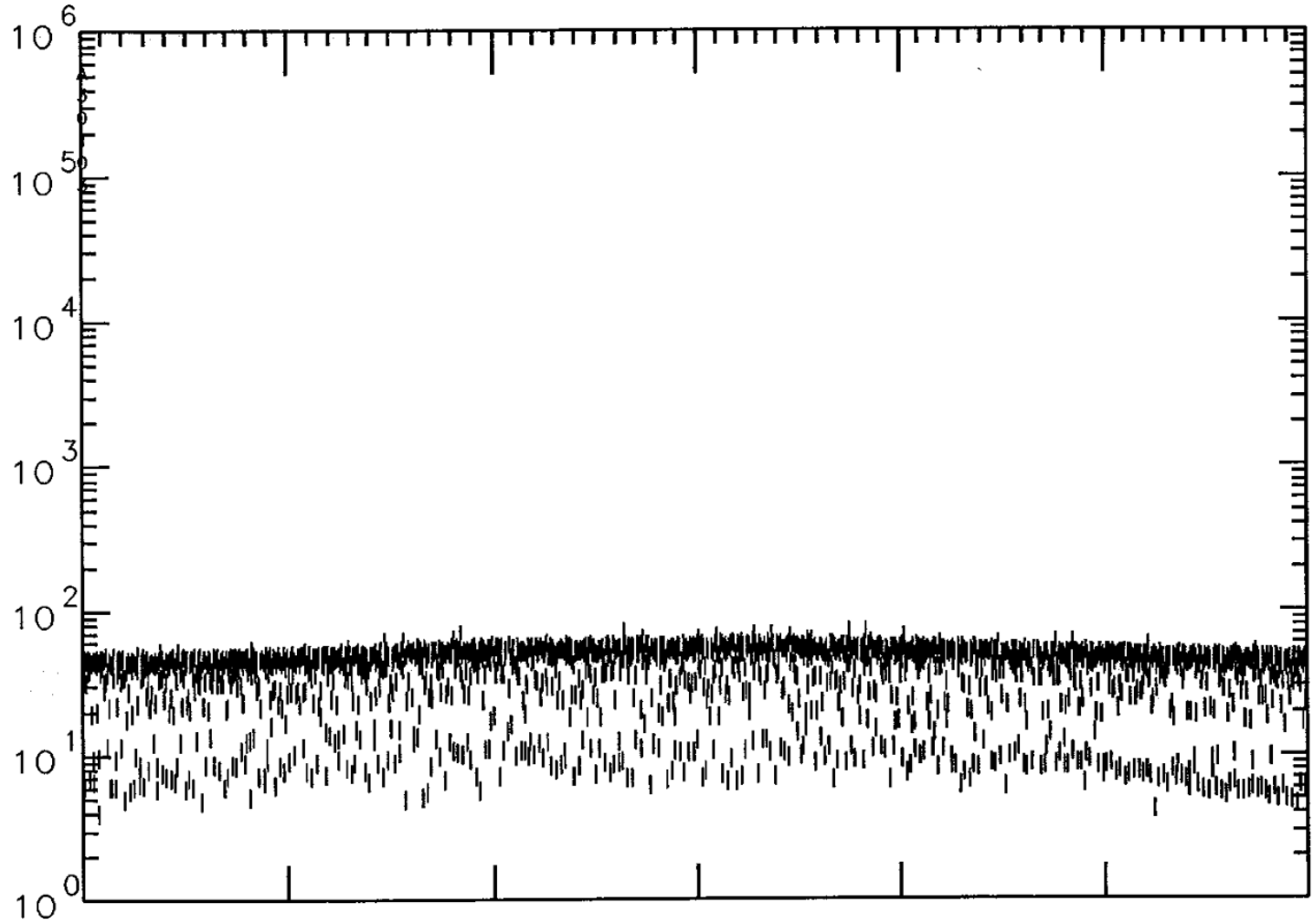
ALT	6442	4120	2194	1351	2115	4003	6316 km
LAT	73	69	47	10	−26	−52	−67 deg
LONG	74	15	−15	−30	−40	−54	−75 deg
SZA	86	71	49	30	46	68	84 deg
LST	6.6	10.7	12.9	13.9	14.6	15.5	16.8 hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:29:35

Universal Time, Day 82207

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1328

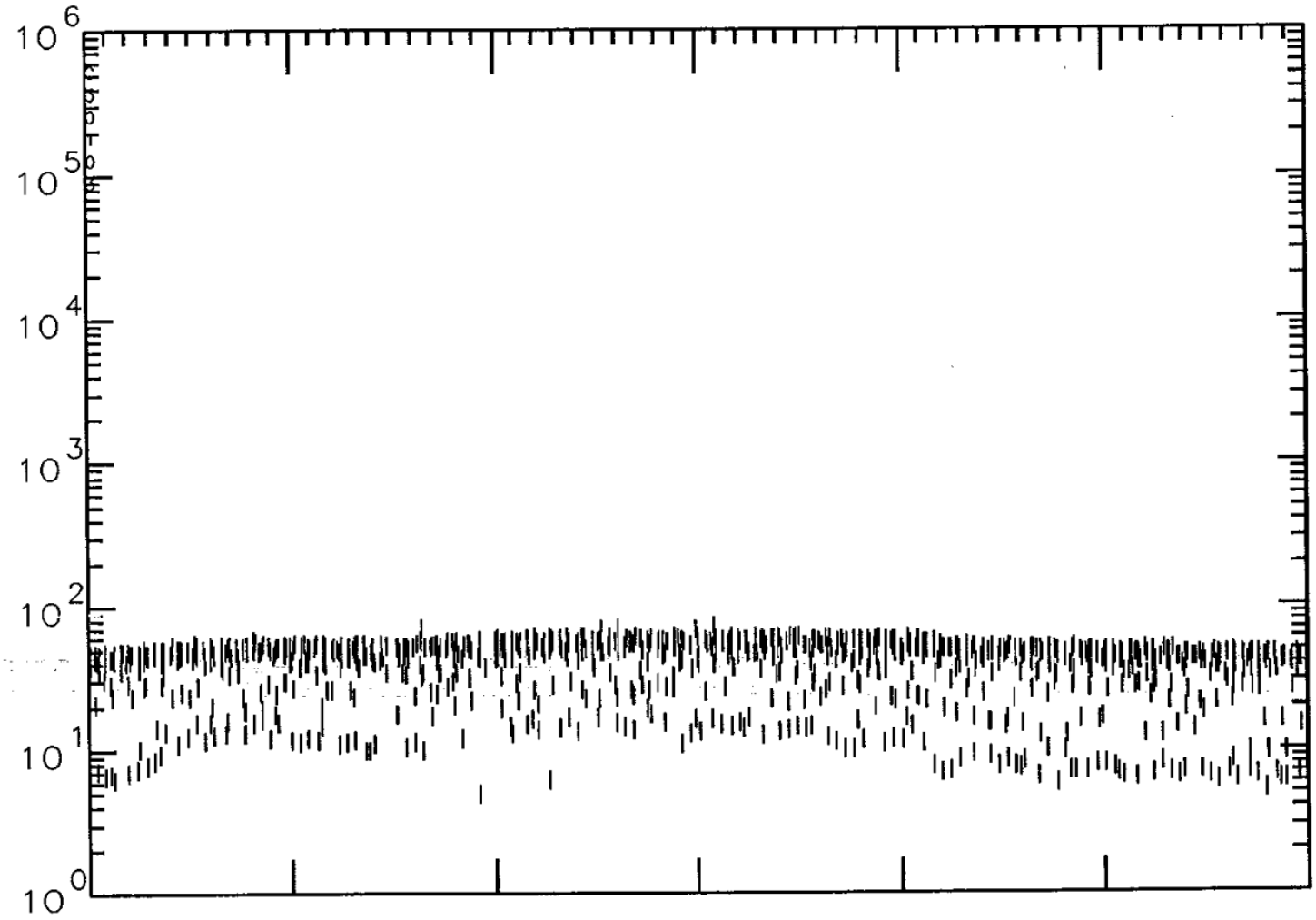
ALT	6446	4123	2197	1351	2113	4000	6312	km
LAT	73	69	47	10	−26	−52	−67	deg
LONG	76	17	−14	−28	−39	−52	−74	deg
SZA	85	70	49	32	47	69	84	deg
LST	6.7	10.8	13.1	14.0	14.7	15.6	16.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:37:20

Universal Time, Day 82208

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1329

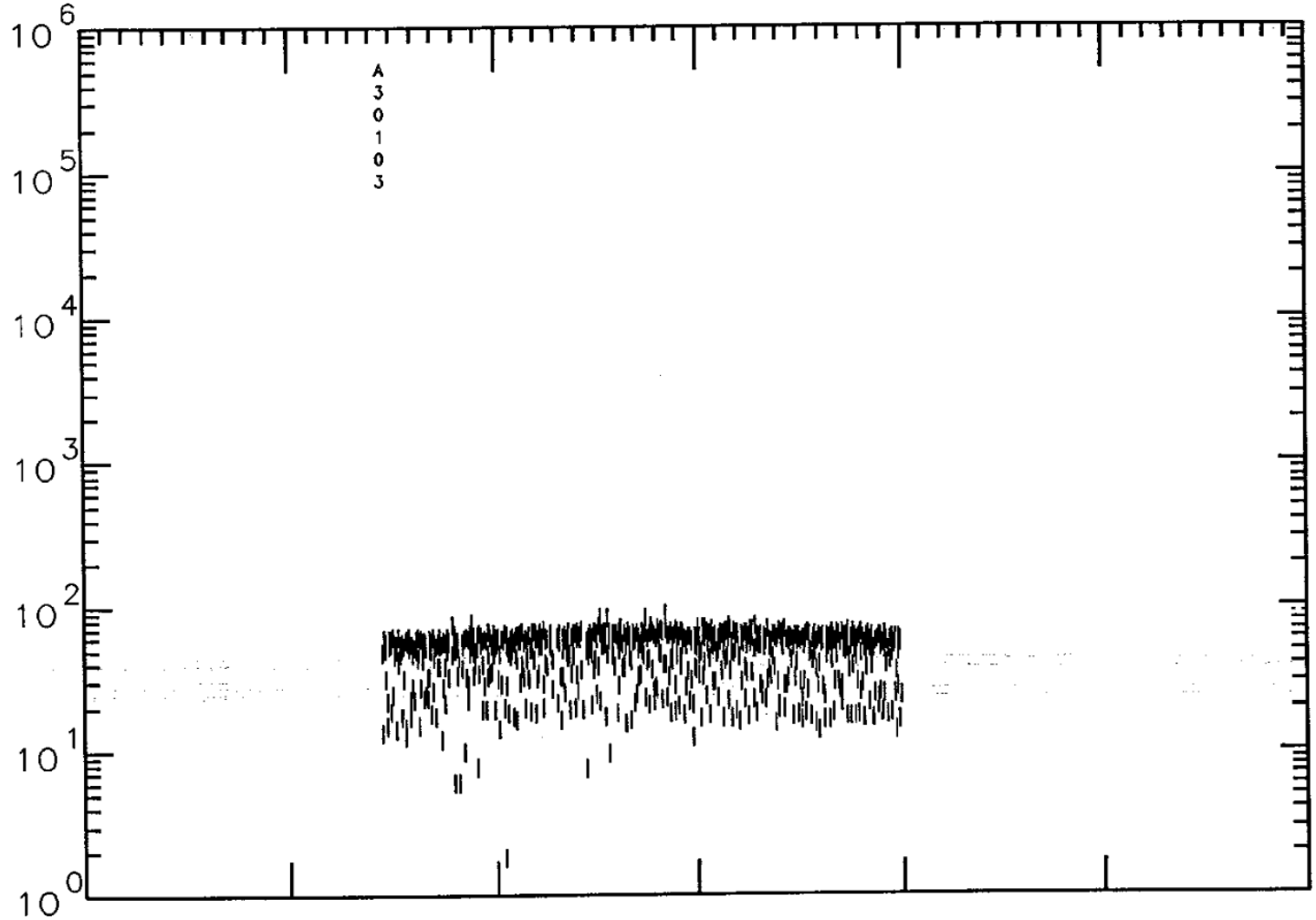
ALT	6447	4124	2198	1351	2112	3999	6311	km
LAT	73	69	47	10	−26	−52	−67	deg
LONG	77	18	−12	−27	−37	−51	−72	deg
SZA	85	70	50	33	48	69	85	deg
LST	6.8	10.9	13.2	14.1	14.8	15.7	17.0	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:42:17

Universal Time, Day 82209

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



N_e (cm^{-3})

Orbit 1330

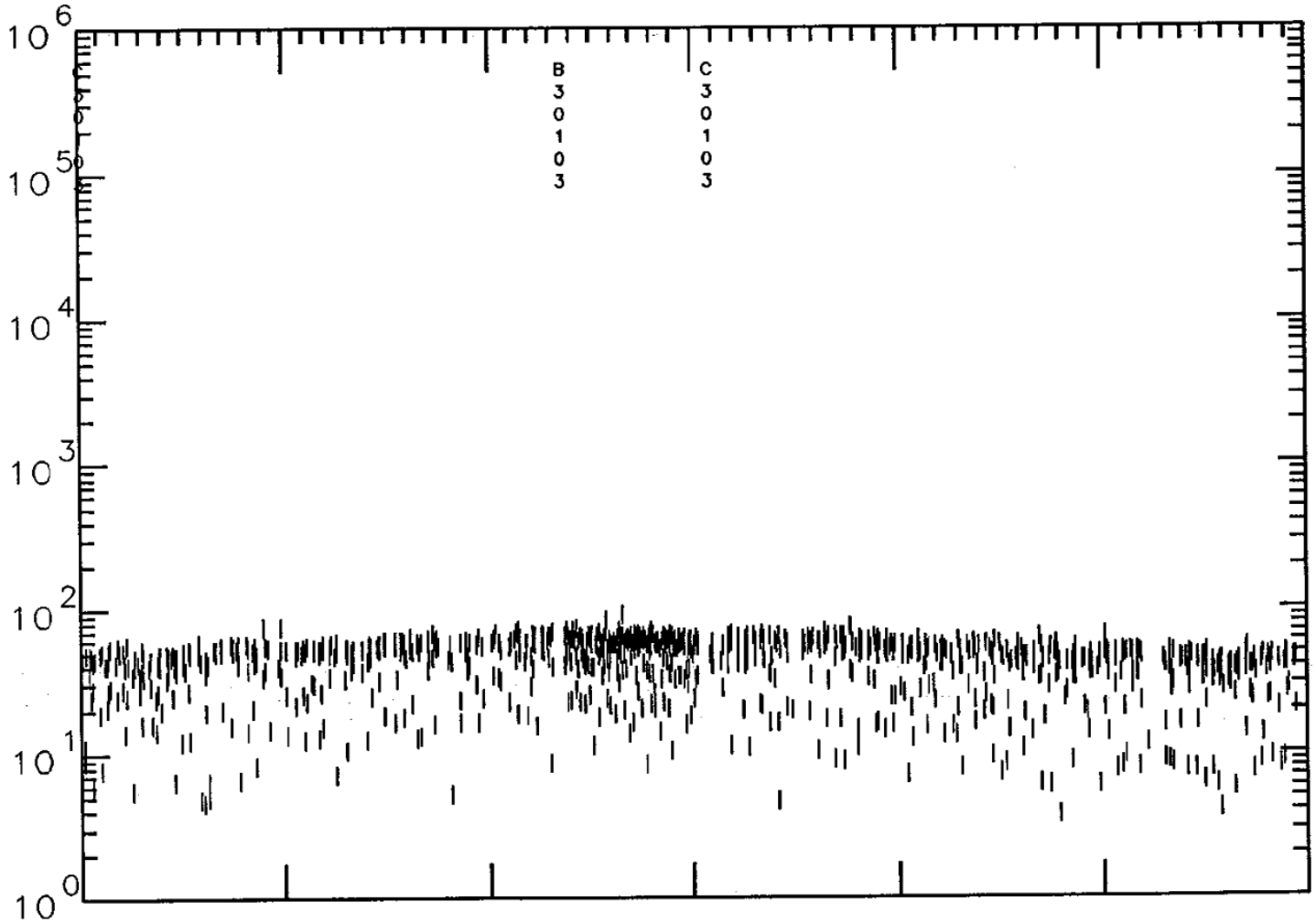
ALT	6446	4123	2197	1351	2113	4000	6312	km
LAT	73	69	47	10	−26	−52	−67	deg
LONG	79	20	−11	−25	−36	−49	−71	deg
SZA	85	70	50	35	50	70	85	deg
LST	6.9	11.0	13.3	14.2	14.9	15.8	17.1	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:46:17

Universal Time, Day 82210

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1331

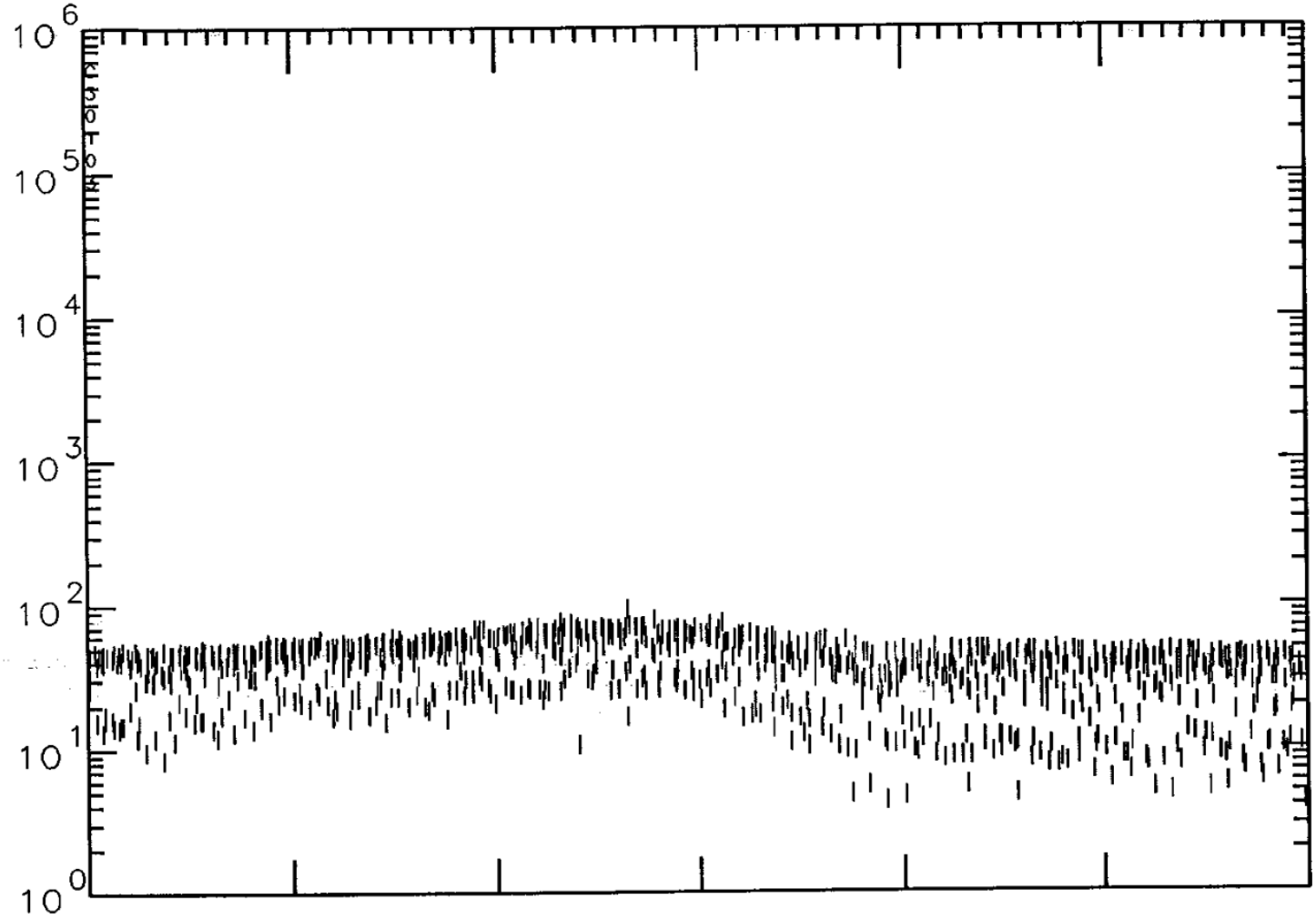
ALT	6443	4120	2195	1351	2115	4003	6315	km
LAT	74	69	47	10	−26	−52	−68	deg
LONG	80	21	−9	−24	−34	−48	−69	deg
SZA	84	70	51	36	51	71	86	deg
LST	7.0	11.1	13.4	14.3	15.1	15.9	17.2	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:51:20

Universal Time, Day 82211

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1332

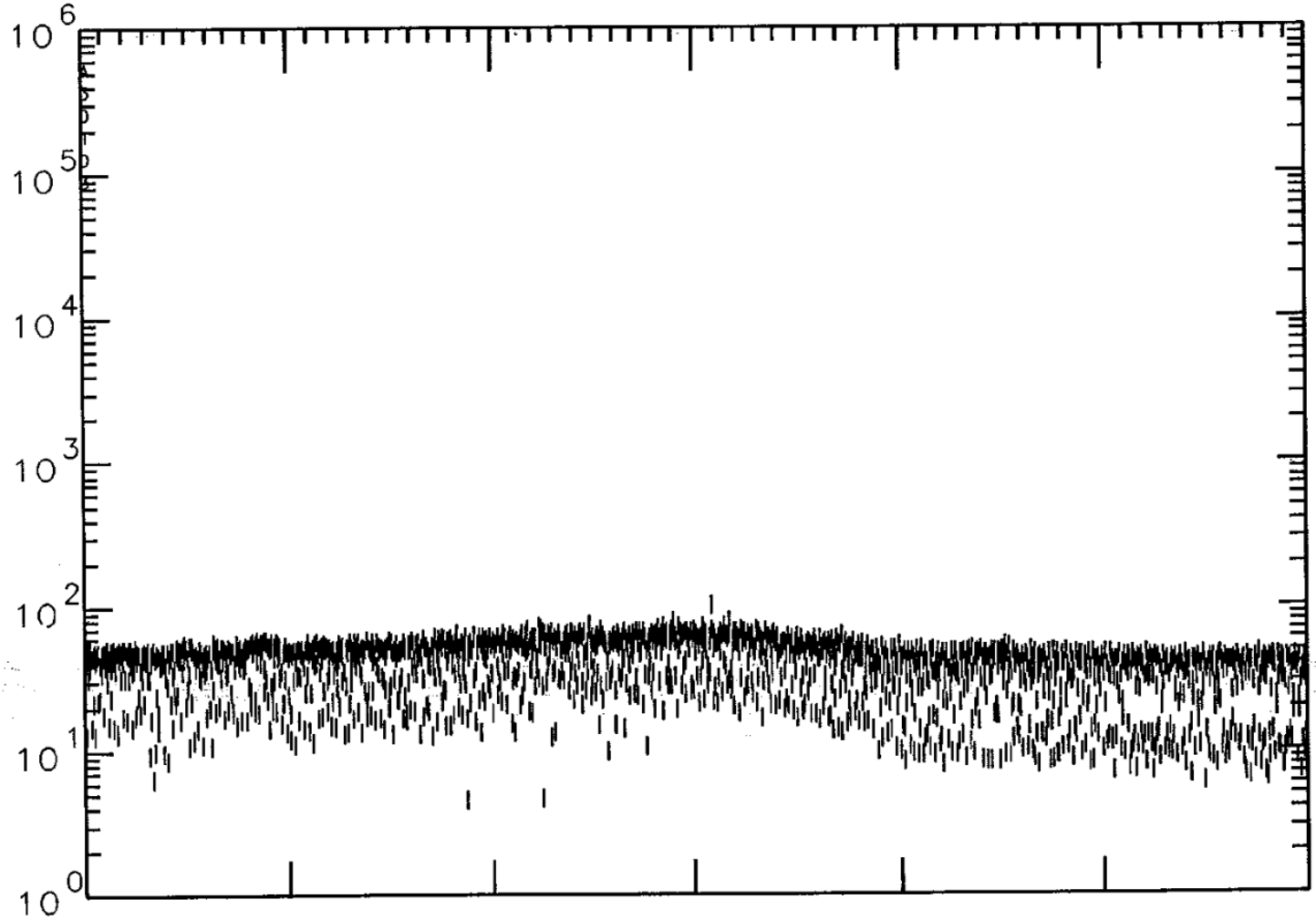
ALT	6437	4115	2191	1351	2118	4008	6321	km
LAT	74	69	47	10	−26	−52	−68	deg
LONG	81	22	−8	−22	−33	−46	−68	deg
SZA	84	70	51	38	52	72	86	deg
LST	7.1	11.2	13.5	14.5	15.2	16.0	17.3	hr

Ne hi-res Radial

Plotted:
3-AUG-93
20:56:26

Universal Time, Day 82212

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1333

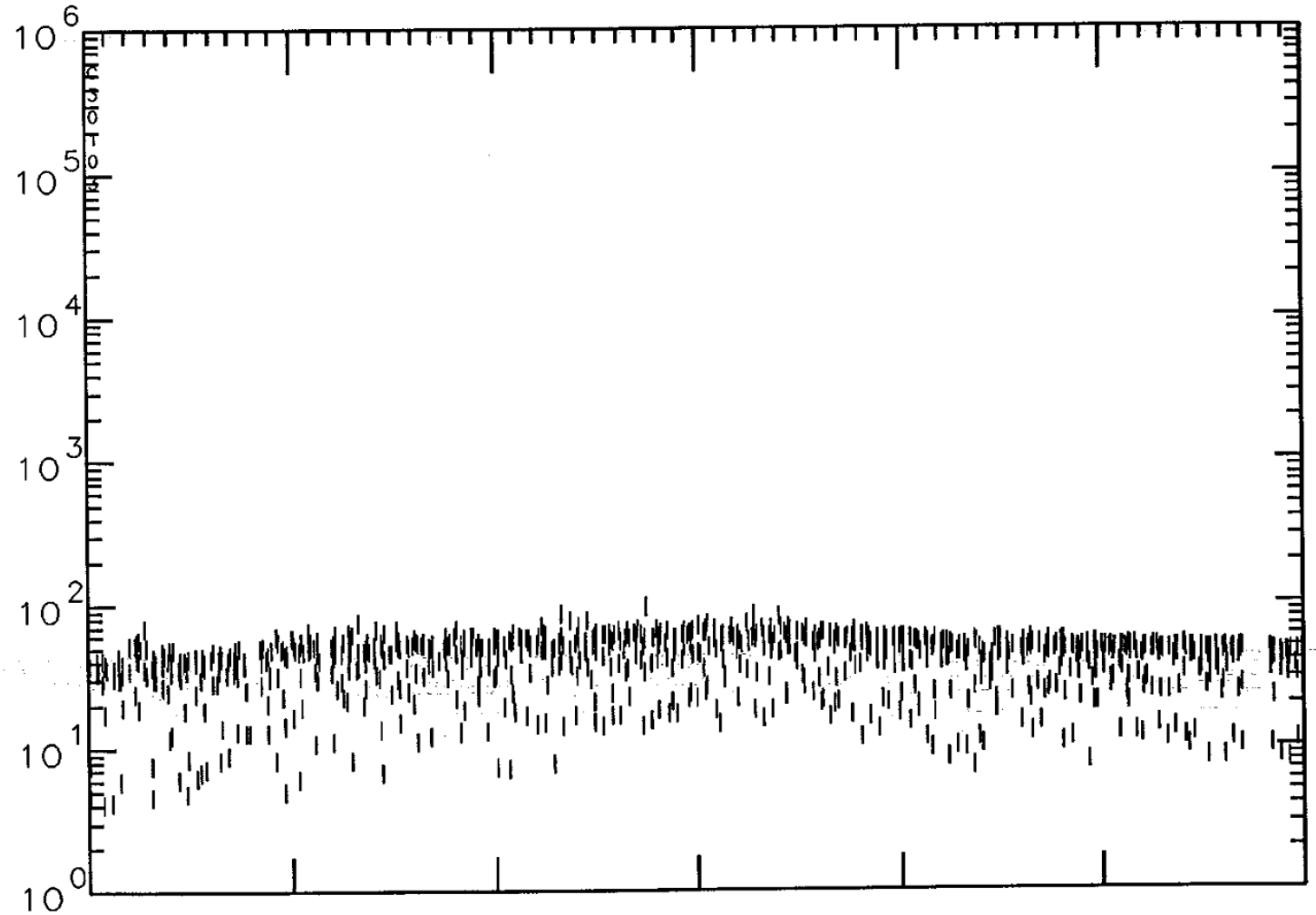
ALT	6429	4108	2186	1350	2123	4015	6329 km
LAT	74	69	47	10	−26	−53	−68 deg
LONG	83	23	−7	−21	−31	−45	−66 deg
SZA	84	70	52	39	54	73	87 deg
LST	7.3	11.4	13.6	14.6	15.3	16.1	17.4 hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:04:14

Universal Time, Day 82213

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



N_e (cm^{-3})

Orbit
1334

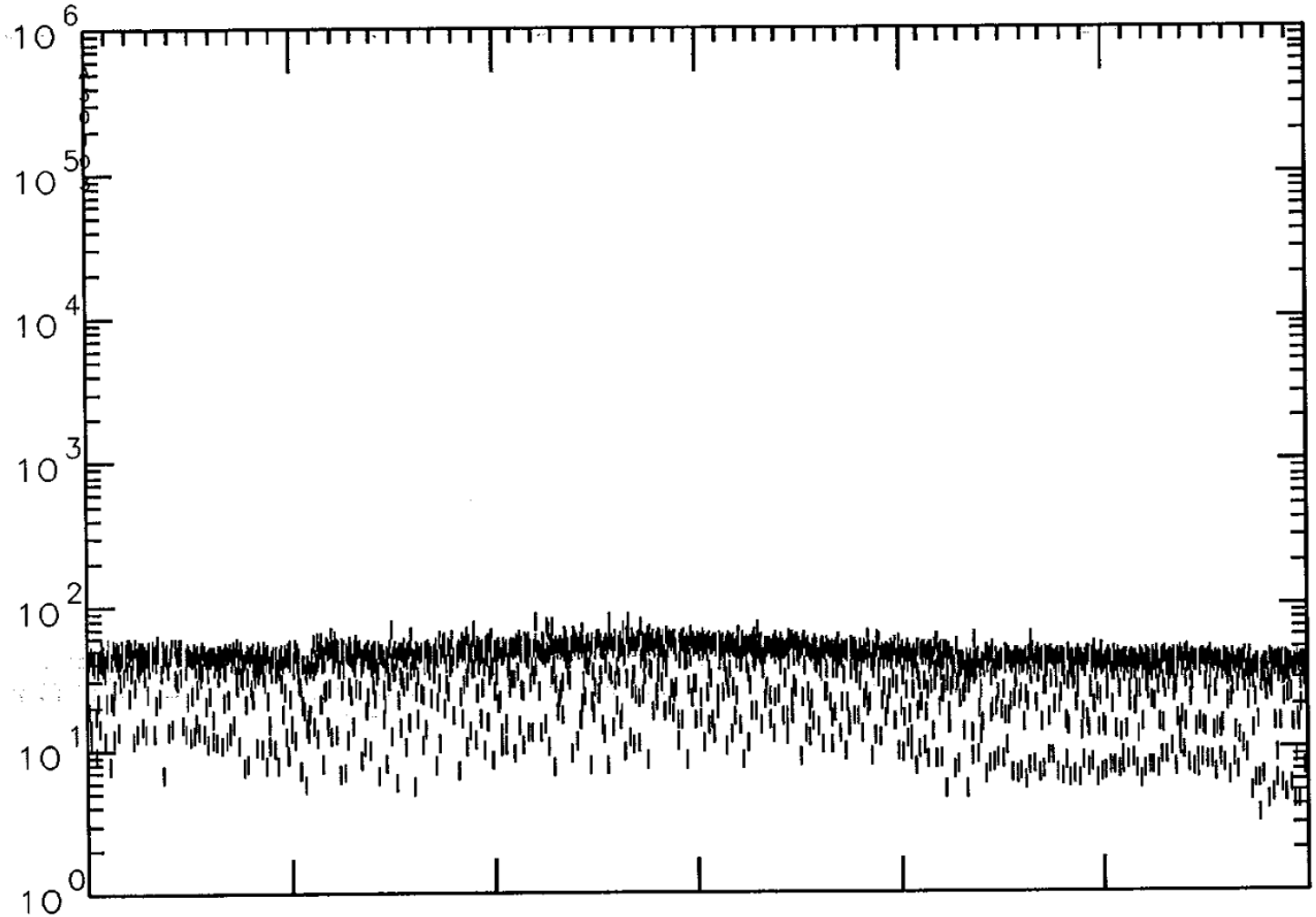
ALT	6419	4098	2179	1350	2129	4025	6339	km
LAT	74	69	46	10	−27	−53	−68	deg
LONG	84	25	−5	−19	−30	−43	−65	deg
SZA	83	70	52	41	55	74	87	deg
LST	7.4	11.5	13.7	14.7	15.4	16.2	17.5	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:09:17

Universal Time, Day 82214

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1335

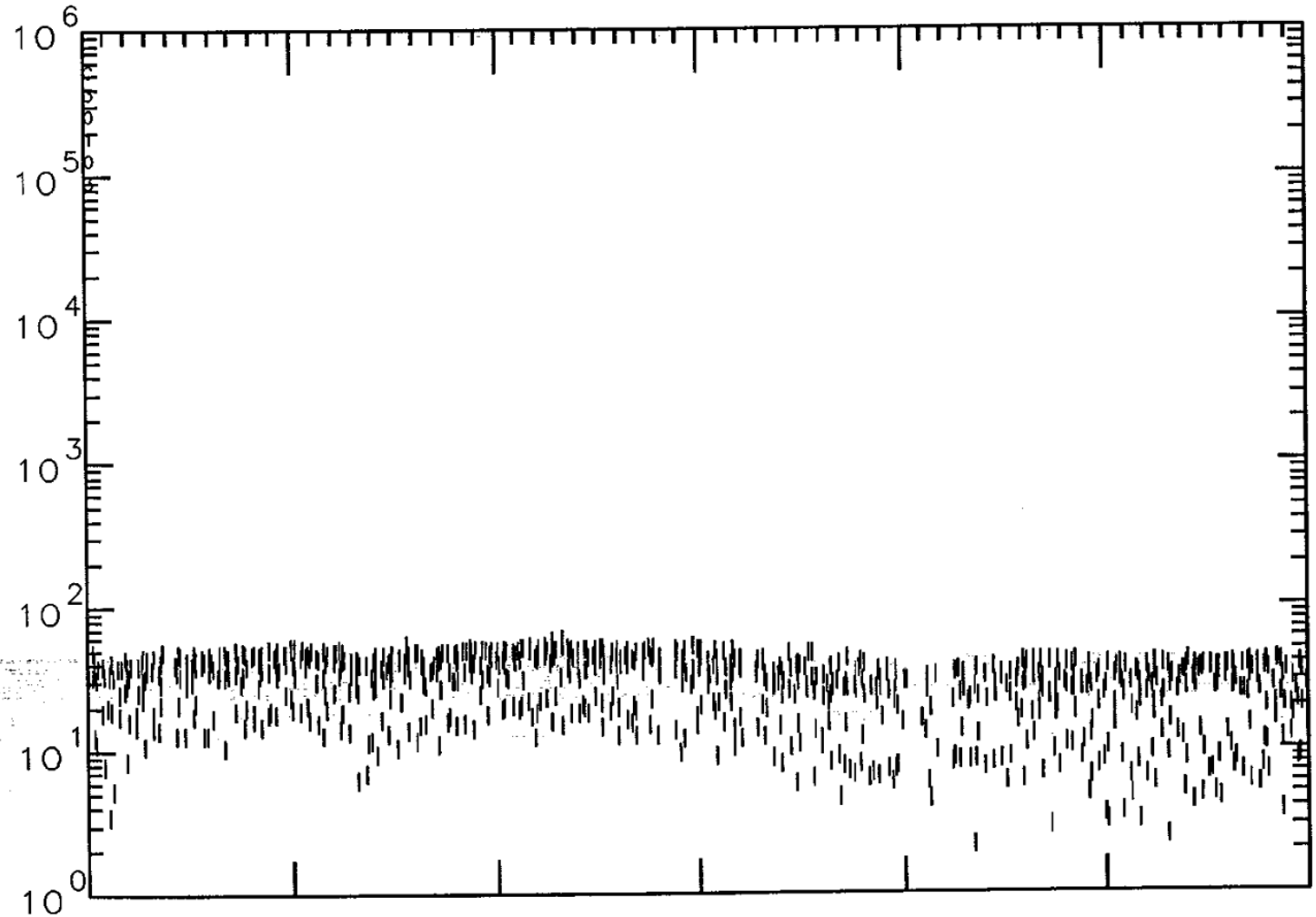
ALT	6406	4086	2170	1349	2136	4036	6352	km
LAT	74	69	46	10	−27	−53	−68	deg
LONG	85	26	−4	−18	−29	−42	−63	deg
SZA	83	70	53	42	56	75	88	deg
LST	7.5	11.6	13.8	14.8	15.5	16.3	17.6	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:17:05

Universal Time, Day 82215

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1336

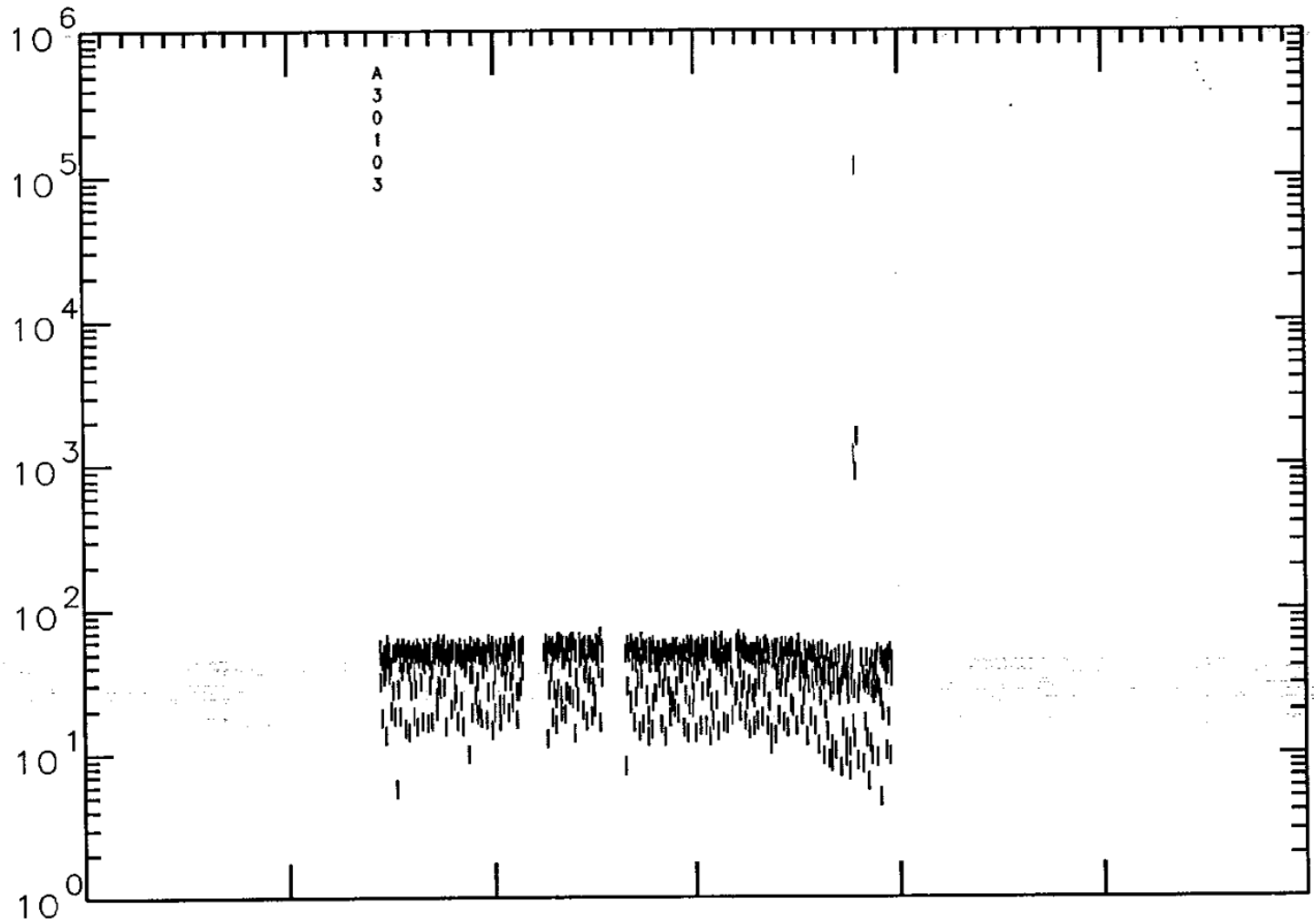
ALT	6391	4072	2160	1348	2145	4050	6367	km
LAT	74	69	46	9	−27	−53	−68	deg
LONG	86	27	−3	−16	−27	−40	−62	deg
SZA	83	70	54	44	58	76	88	deg
LST	7.6	11.8	14.0	14.9	15.6	16.4	17.8	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:22:00

Universal Time, Day 82216

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1337

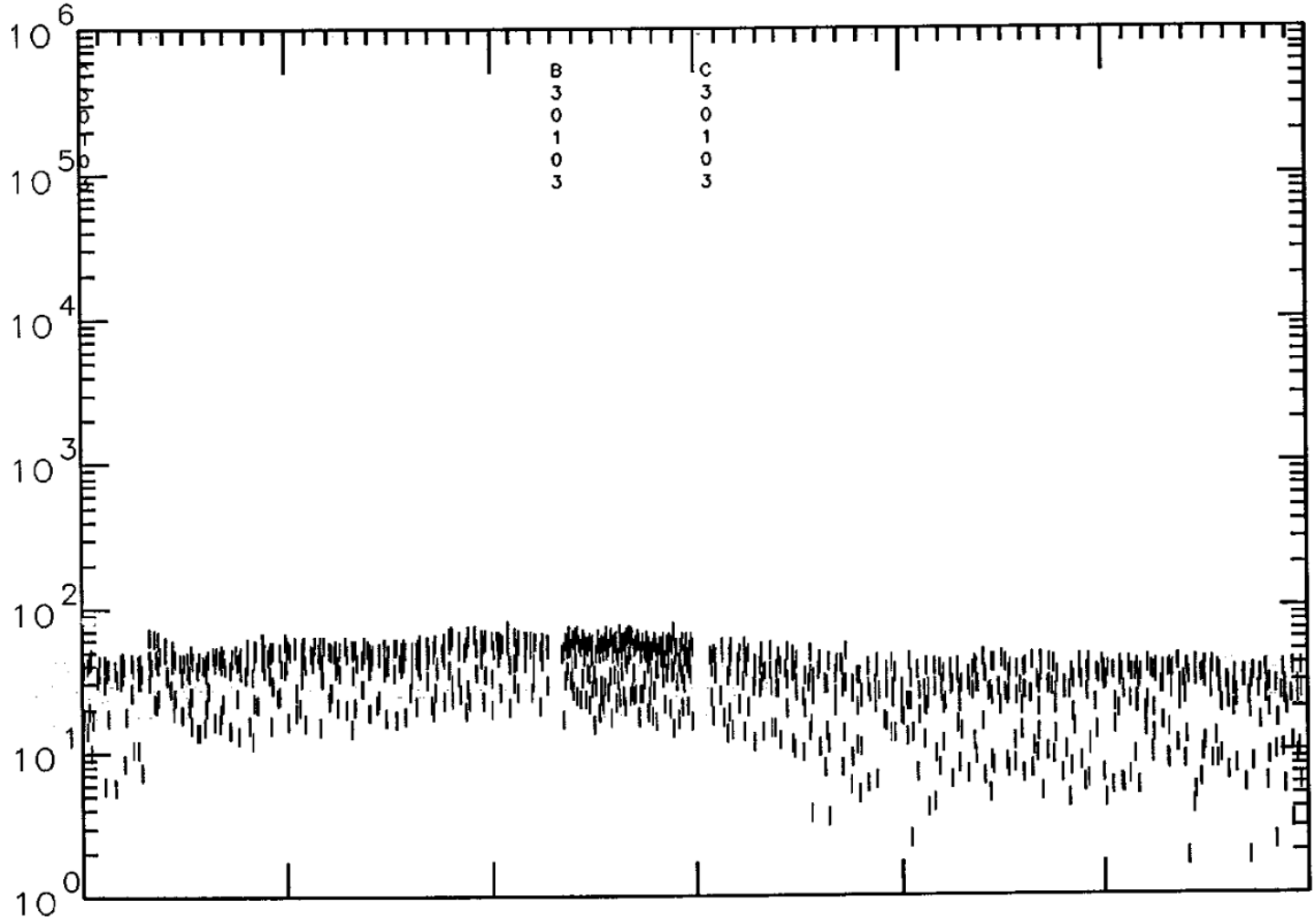
ALT	6373	4055	2149	1348	2156	4066	6384	km
LAT	74	69	46	9	−27	−53	−68	deg
LONG	88	28	−1	−15	−26	−39	−61	deg
SZA	82	70	54	46	59	77	89	deg
LST	7.7	11.9	14.1	15.0	15.7	16.5	17.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:25:55

Universal Time, Day 82217

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1338

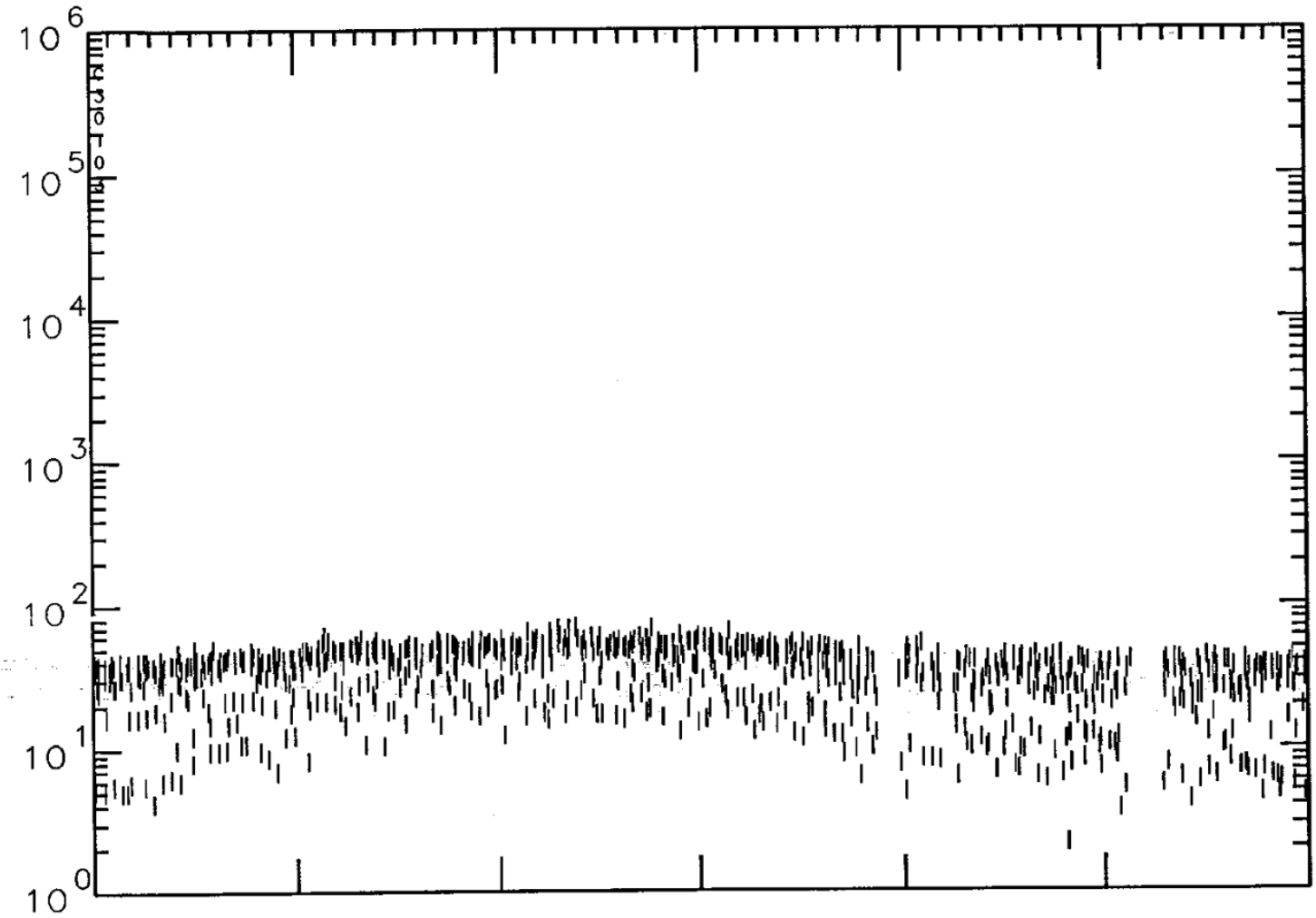
ALT	6353	4037	2136	1347	2168	4084	6404 km
LAT	74	69	46	9	−27	−53	−68 deg
LONG	89	29	0	−14	−24	−38	−59 deg
SZA	82	70	55	47	61	78	90 deg
LST	7.9	12.0	14.2	15.1	15.8	16.7	18.0 hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:31:51

Universal Time, Day 82218

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1339

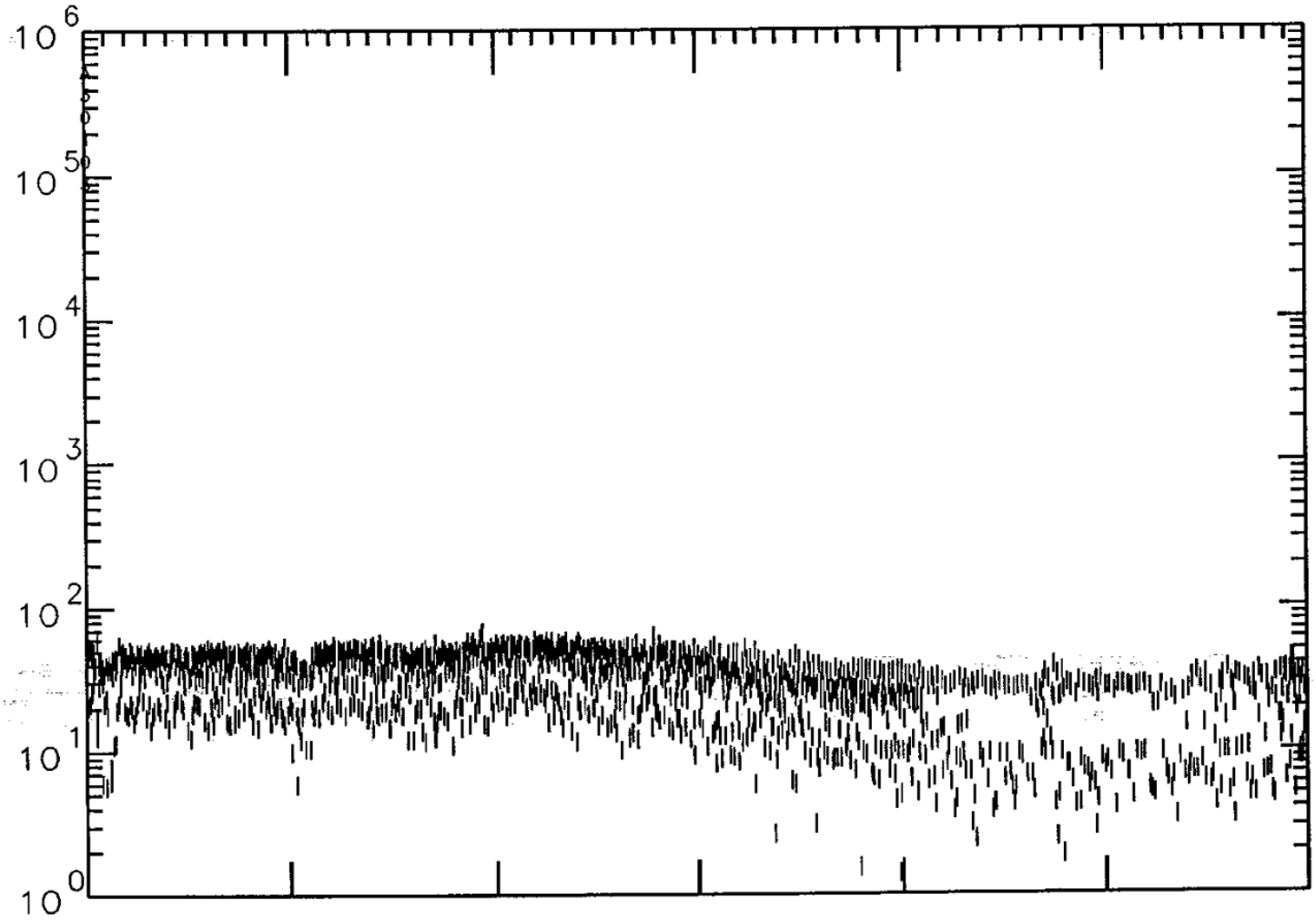
ALT	6330	4016	2121	1347	2181	4104	6427	km
LAT	74	69	45	8	−28	−53	−68	deg
LONG	90	30	0	−12	−23	−36	−58	deg
SZA	82	70	56	49	62	79	90	deg
LST	8.0	12.2	14.3	15.2	15.9	16.8	18.1	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:36:47

Universal Time, Day 82219

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1340

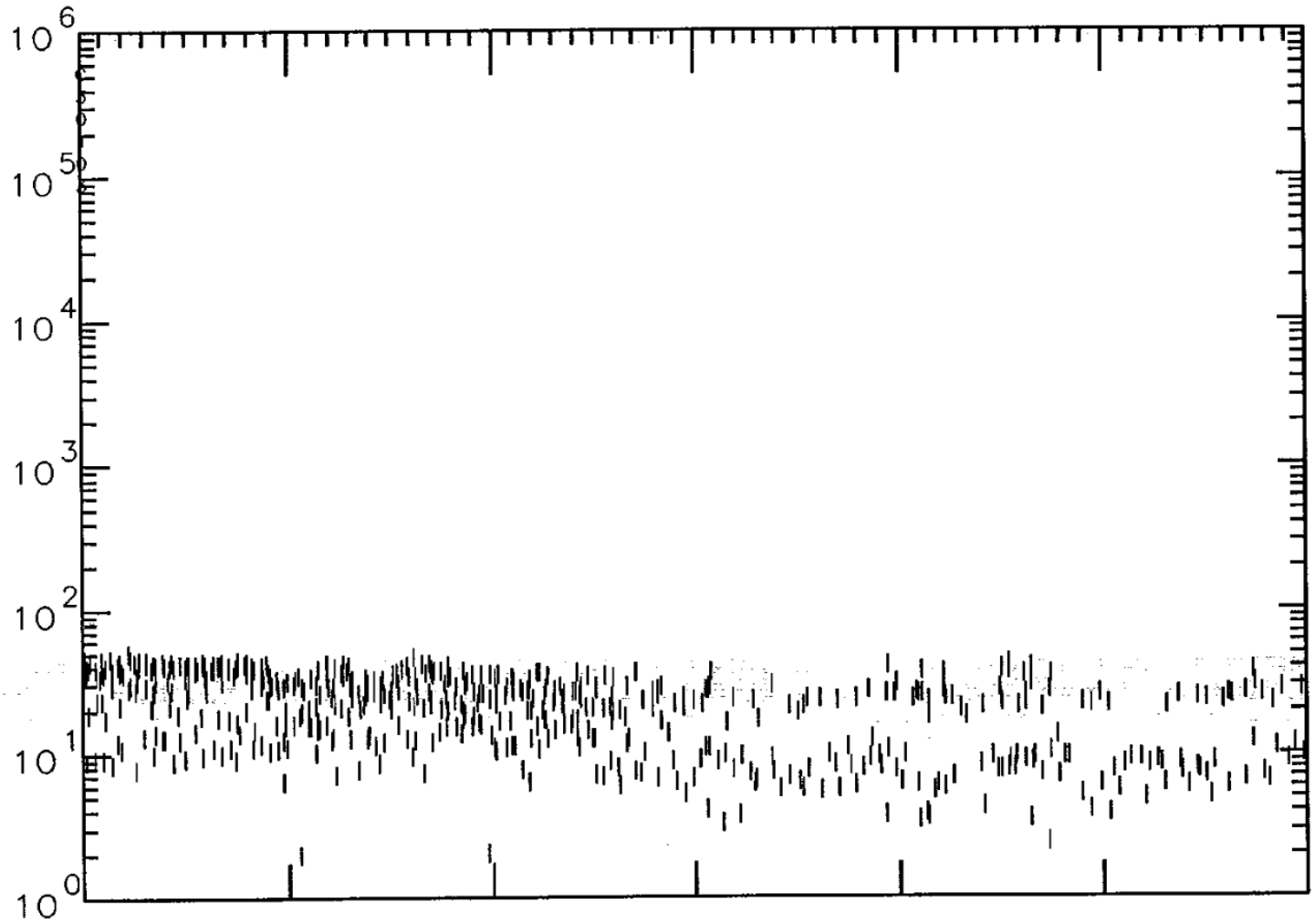
ALT	6305	3992	2105	1346	2197	4127	6452	km
LAT	74	69	45	8	−28	−54	−68	deg
LONG	91	31	2	−11	−22	−35	−57	deg
SZA	81	70	56	51	64	80	91	deg
LST	8.2	12.3	14.4	15.4	16.1	16.9	18.2	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:43:57

Universal Time, Day 82220

3780	4380	4980	5580	6180	6780	7380	secs
1: 3	1:13	1:23	1:33	1:43	1:53	2: 3	hh:mm



Orbit
1341

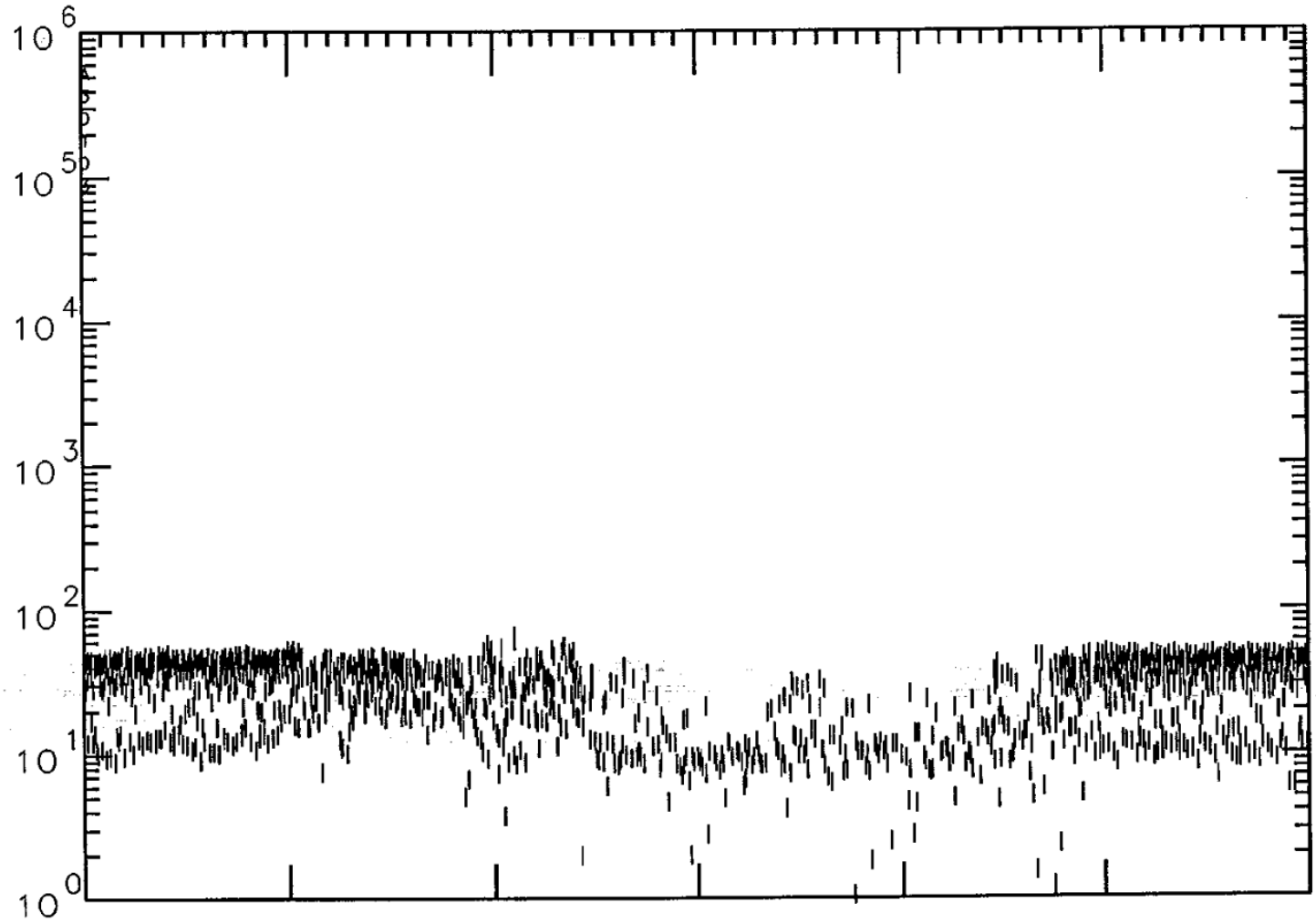
ALT	6278	3967	2088	1346	2214	4152	6479	km
LAT	74	69	45	7	−29	−54	−69	deg
LONG	92	32	3	−10	−20	−34	−56	deg
SZA	81	70	57	52	65	81	91	deg
LST	8.3	12.5	14.6	15.5	16.2	17.0	18.4	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:48:34

Universal Time, Day 82221

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1342

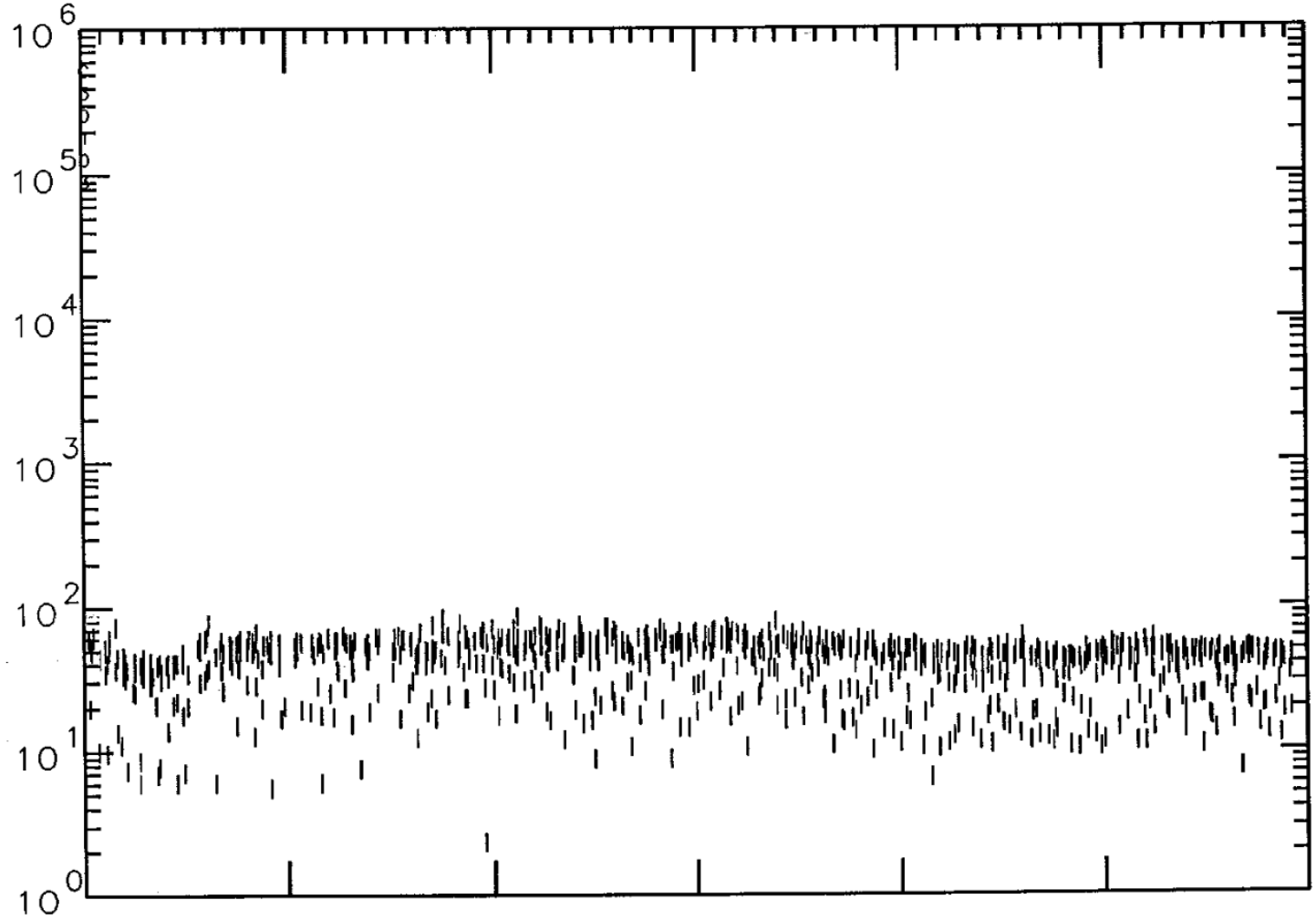
ALT	6487	4159	2218	1345	2082	3959	6270	km
LAT	74	70	47	11	−26	−52	−68	deg
LONG	98	38	6	−7	−18	−31	−52	deg
SZA	81	71	59	53	65	80	91	deg
LST	8.1	12.3	14.6	15.5	16.2	17.0	18.3	hr

Ne hi-res Radial

Plotted:
3-AUG-93
21:59:46

Universal Time, Day 82222

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1343

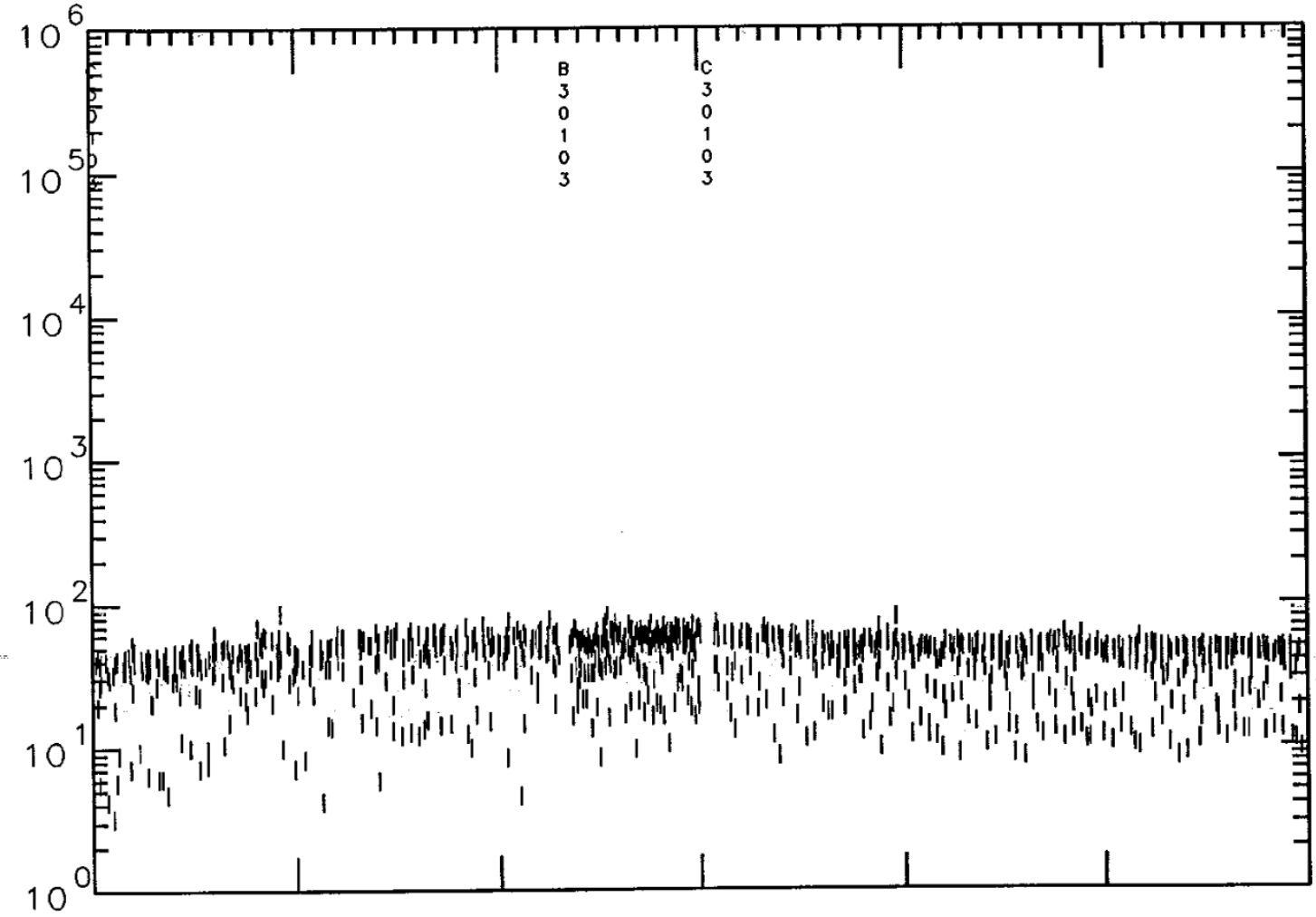
ALT	6455	4129	2197	1344	2101	3988	6302	km
LAT	74	70	47	10	−26	−53	−68	deg
LONG	99	38	7	−6	−16	−29	−51	deg
SZA	81	71	60	55	67	81	92	deg
LST	8.3	12.4	14.7	15.6	16.3	17.1	18.4	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:04:47

Universal Time, Day 82224

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



Orbit
1345

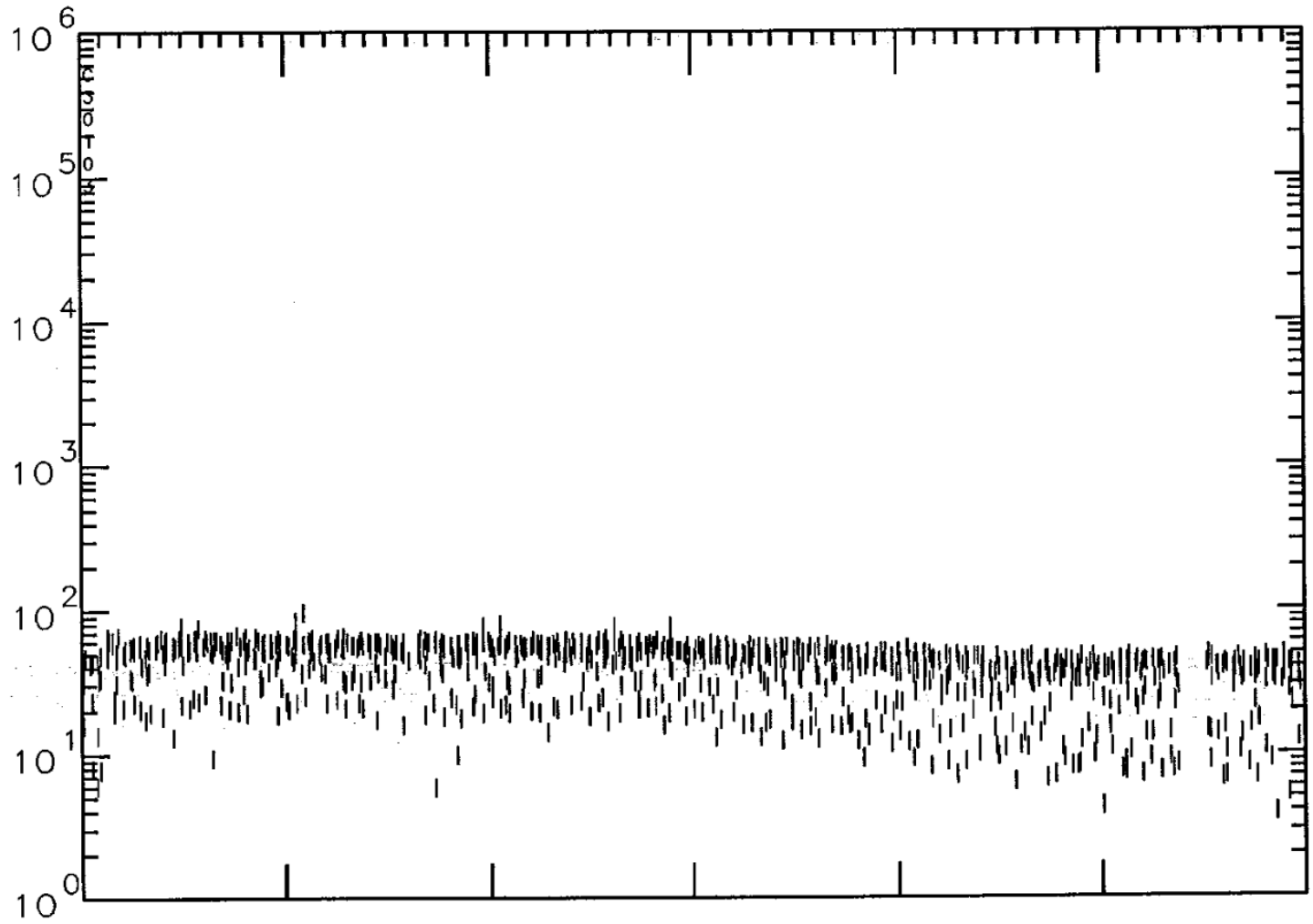
ALT	6383	4062	2150	1341	2143	4053	6373	km
LAT	74	69	46	9	−27	−53	−68	deg
LONG	100	40	9	−3	−14	−27	−48	deg
SZA	80	72	61	58	70	83	93	deg
LST	8.6	12.8	14.9	15.9	16.6	17.4	18.7	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:10:32

Universal Time, Day 82225

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



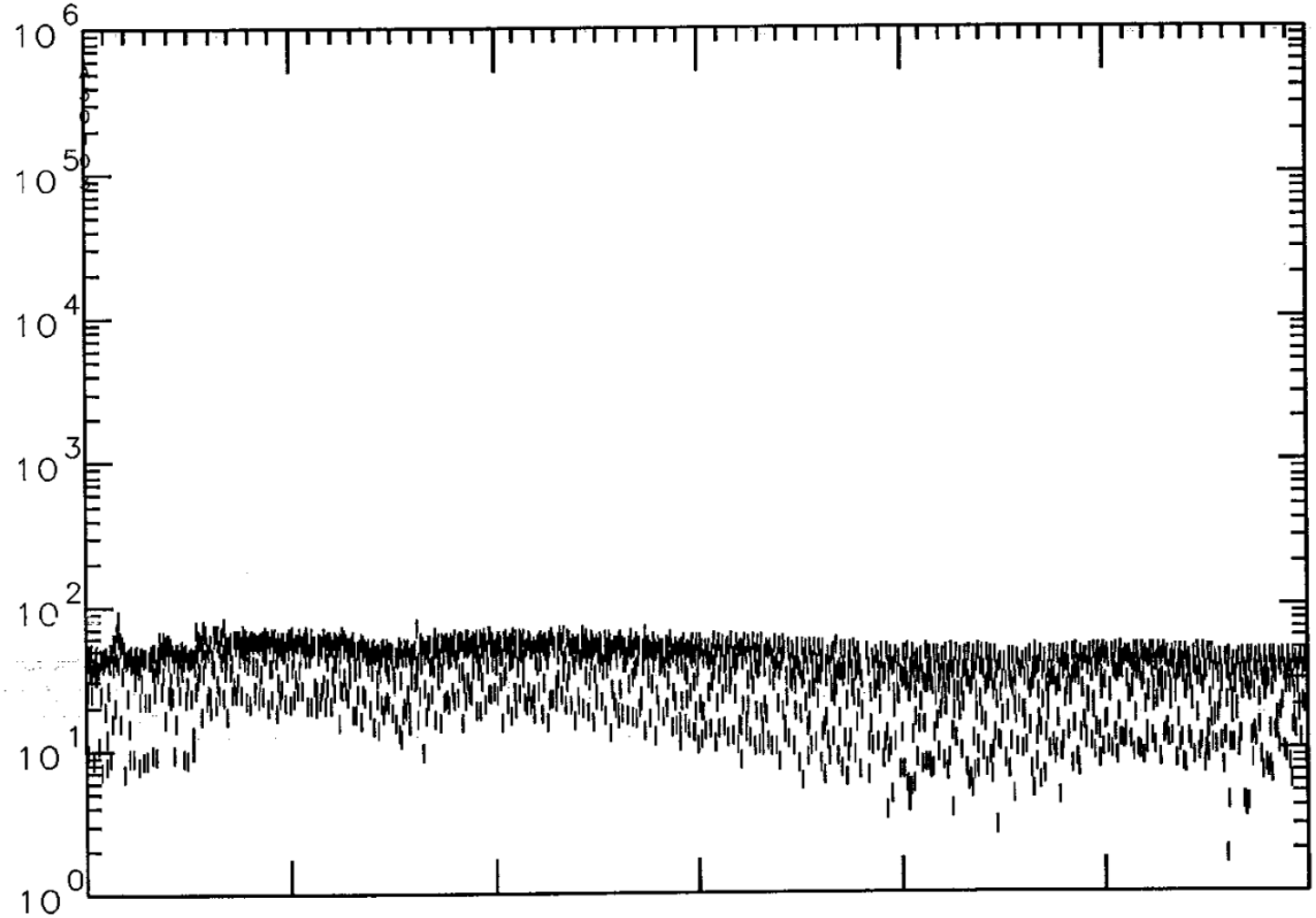
ALT	6344	4026	2125	1340	2167	4089	6412	km
LAT	74	69	46	9	−28	−54	−68	deg
LONG	101	40	11	−2	−12	−26	−47	deg
SZA	80	72	62	60	72	85	94	deg
LST	8.7	12.9	15.1	16.0	16.7	17.5	18.8	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:14:51

Universal Time, Day 82226

3720	4320	4920	5520	6120	6720	7320	secs
1: 2	1:12	1:22	1:32	1:42	1:52	2: 2	hh:mm



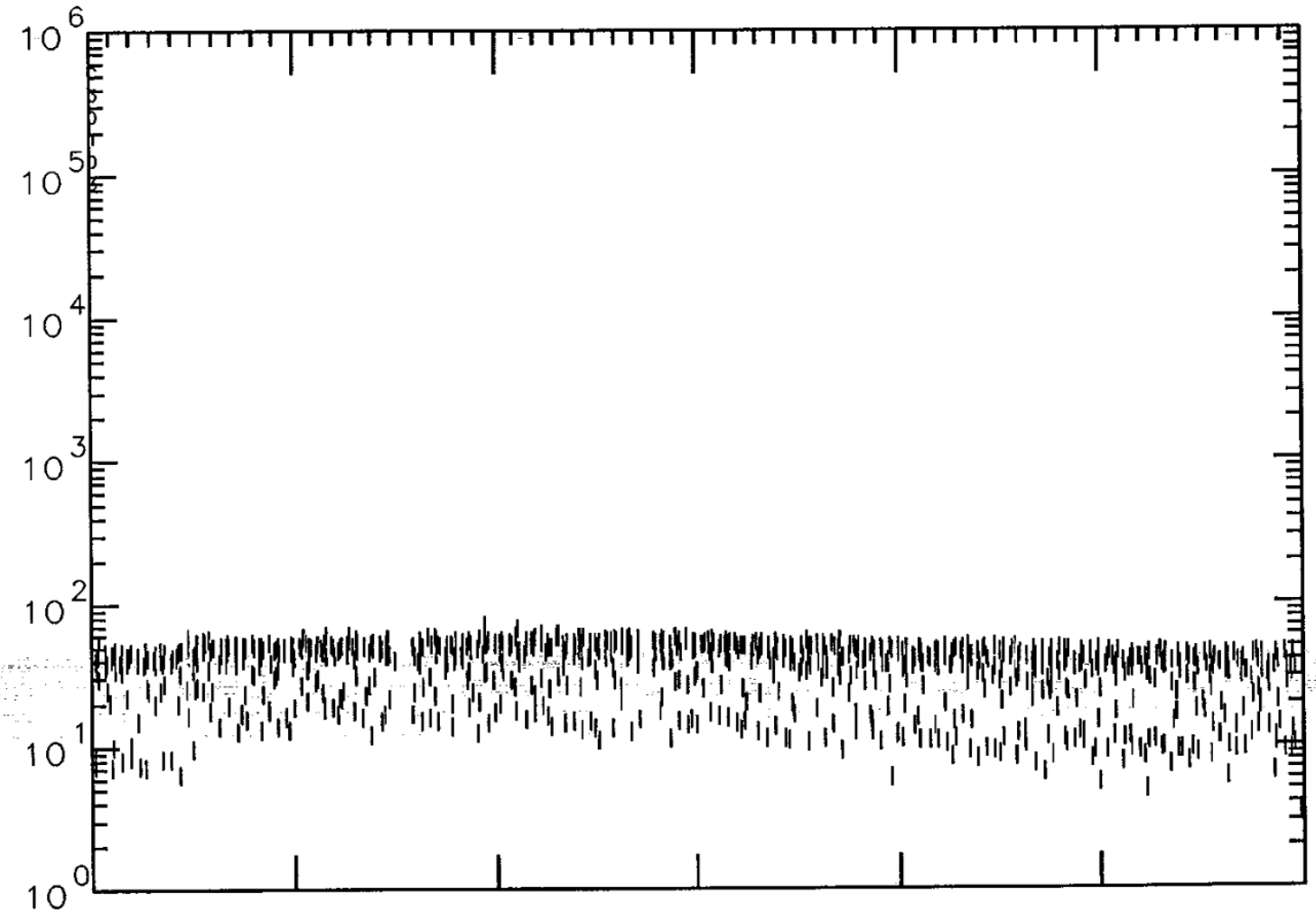
ALT	6303	3988	2098	1339	2193	4126	6453	km
LAT	74	69	45	8	−28	−54	−69	deg
LONG	101	41	12	−1	−11	−24	−46	deg
SZA	80	72	63	62	73	86	94	deg
LST	8.9	13.1	15.2	16.1	16.8	17.6	19.0	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:22:15

Universal Time, Day 82227

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1348

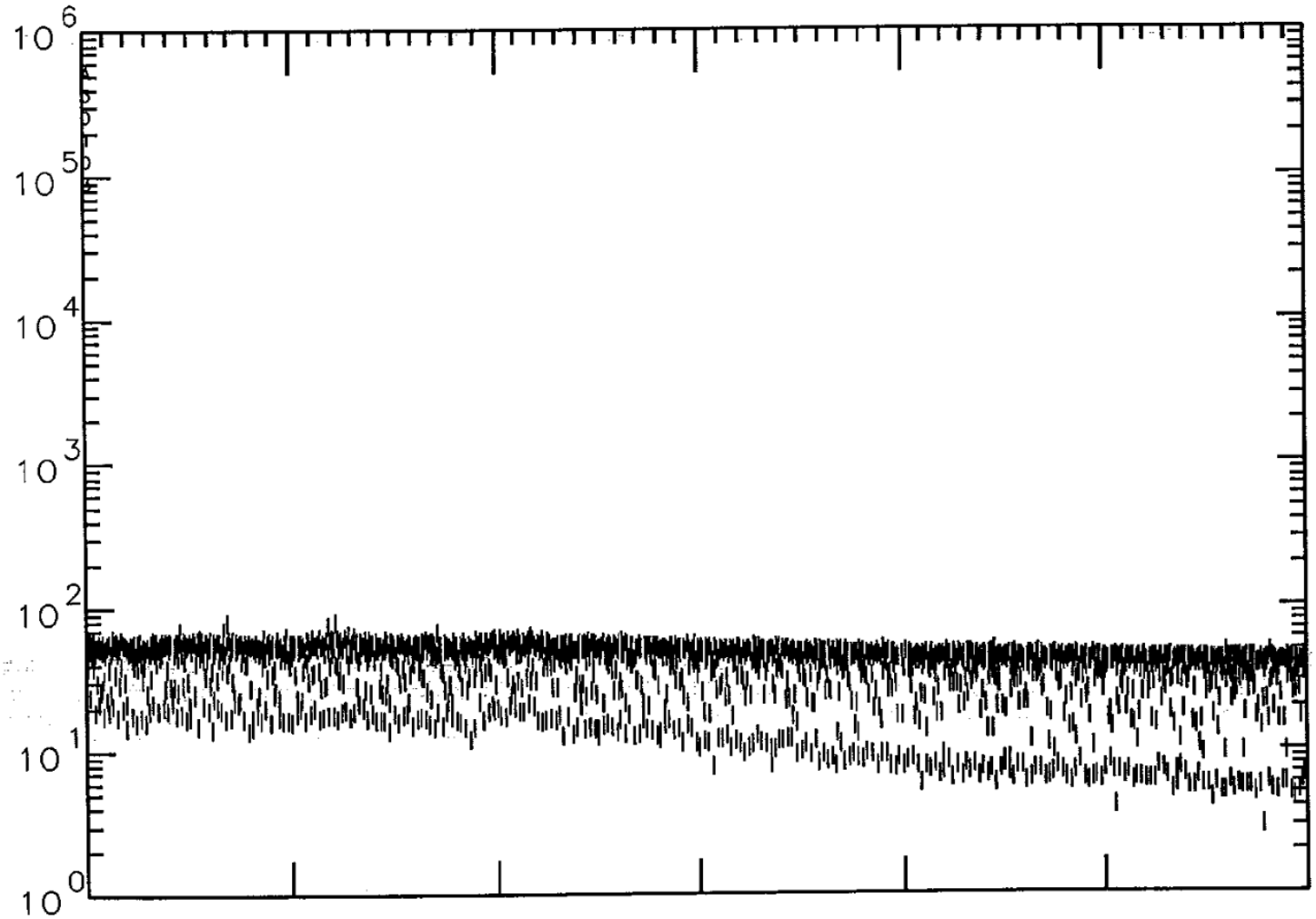
ALT	6488	4158	2214	1339	2076	3955	6267	km
LAT	74	70	47	11	−26	−52	−68	deg
LONG	107	46	15	1	−9	−22	−43	deg
SZA	80	73	64	63	73	86	94	deg
LST	8.7	12.9	15.2	16.2	16.8	17.7	18.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:27:09

Universal Time, Day 82228

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1349

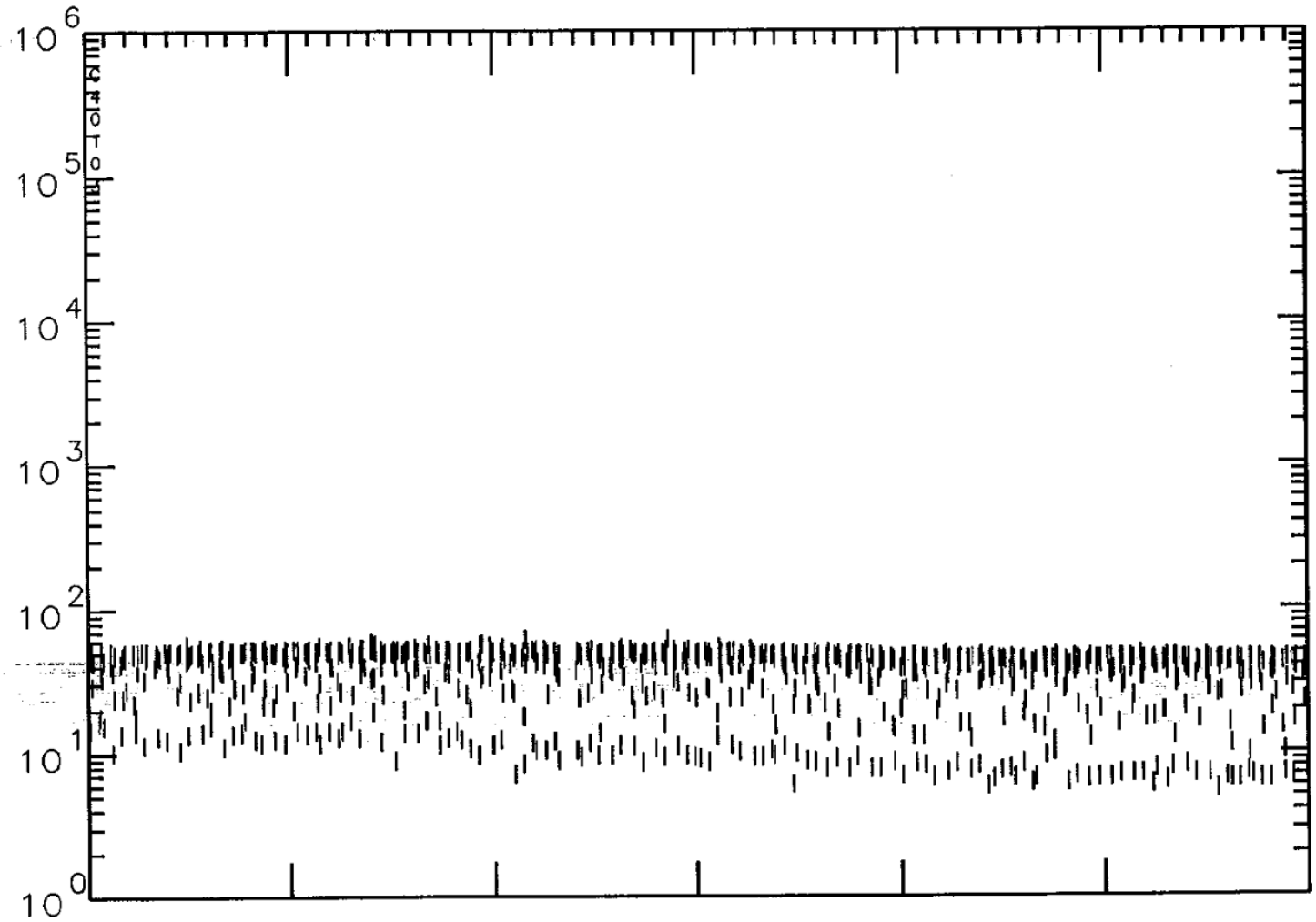
ALT	6442	4115	2183	1336	2103	3997	6314	km
LAT	74	70	47	10	−26	−53	−68	deg
LONG	108	47	16	2	−7	−20	−42	deg
SZA	80	73	65	65	75	87	95	deg
LST	8.9	13.1	15.3	16.3	17.0	17.8	19.1	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:34:43

Universal Time, Day 82229

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1350

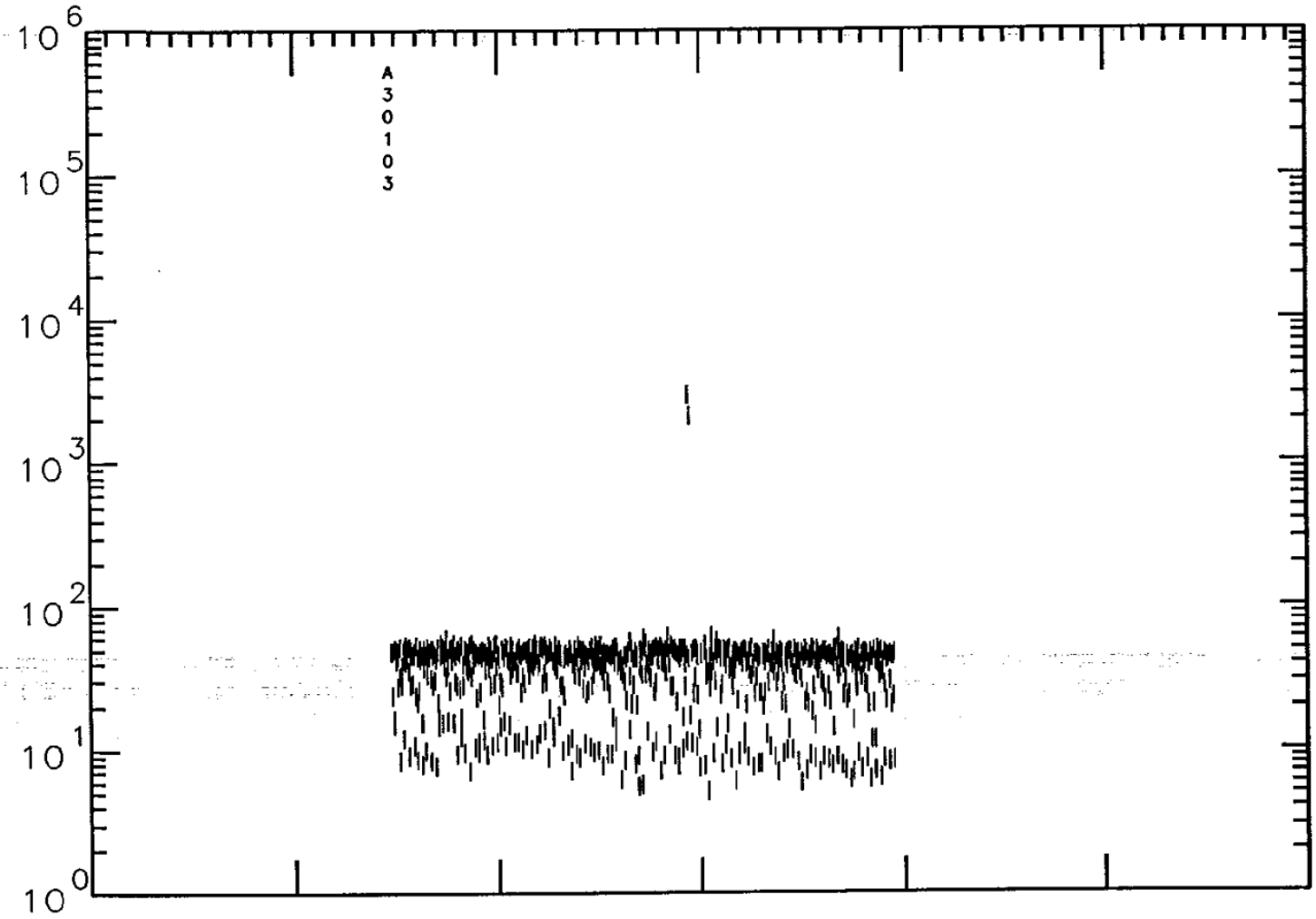
ALT	6393	4070	2152	1335	2132	4041	6362	km
LAT	74	70	46	9	−27	−53	−68	deg
LONG	108	47	17	3	−6	−19	−41	deg
SZA	79	73	66	66	77	88	95	deg
LST	9.1	13.3	15.5	16.4	17.1	17.9	19.2	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:39:21

Universal Time, Day 82230

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



Orbit
1351

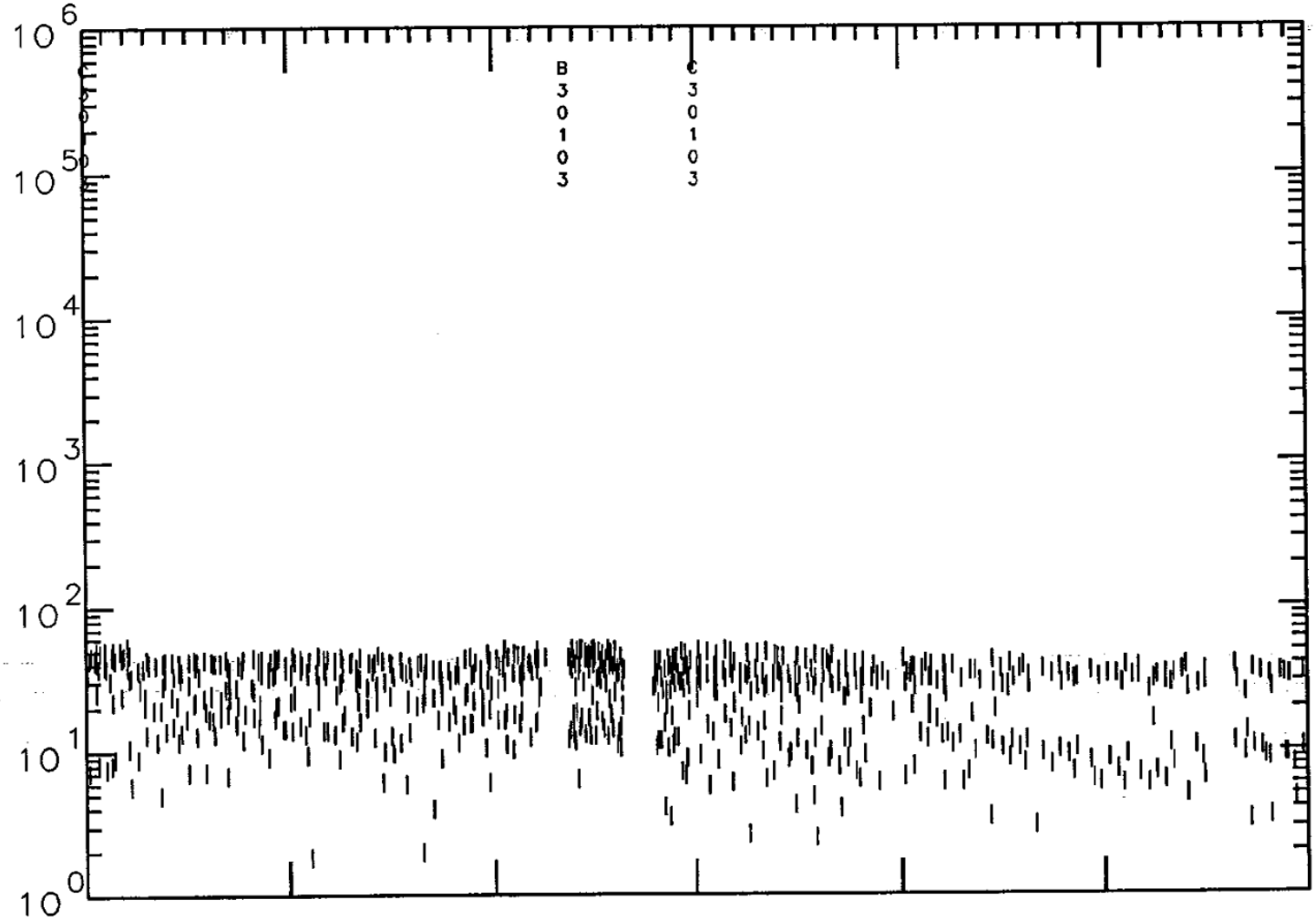
ALT	6343	4023	2120	1334	2163	4087	6412 km
LAT	74	69	46	9	−28	−54	−69 deg
LONG	109	48	18	5	−5	−18	−40 deg
SZA	79	73	67	68	78	89	96 deg
LST	9.2	13.5	15.6	16.5	17.2	18.0	19.4 hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:45:09

Universal Time, Day 82231

3660	4260	4860	5460	6060	6660	7260	secs
1: 1	1:11	1:21	1:31	1:41	1:51	2: 1	hh:mm



N_e (cm^{-3})

Orbit 1352

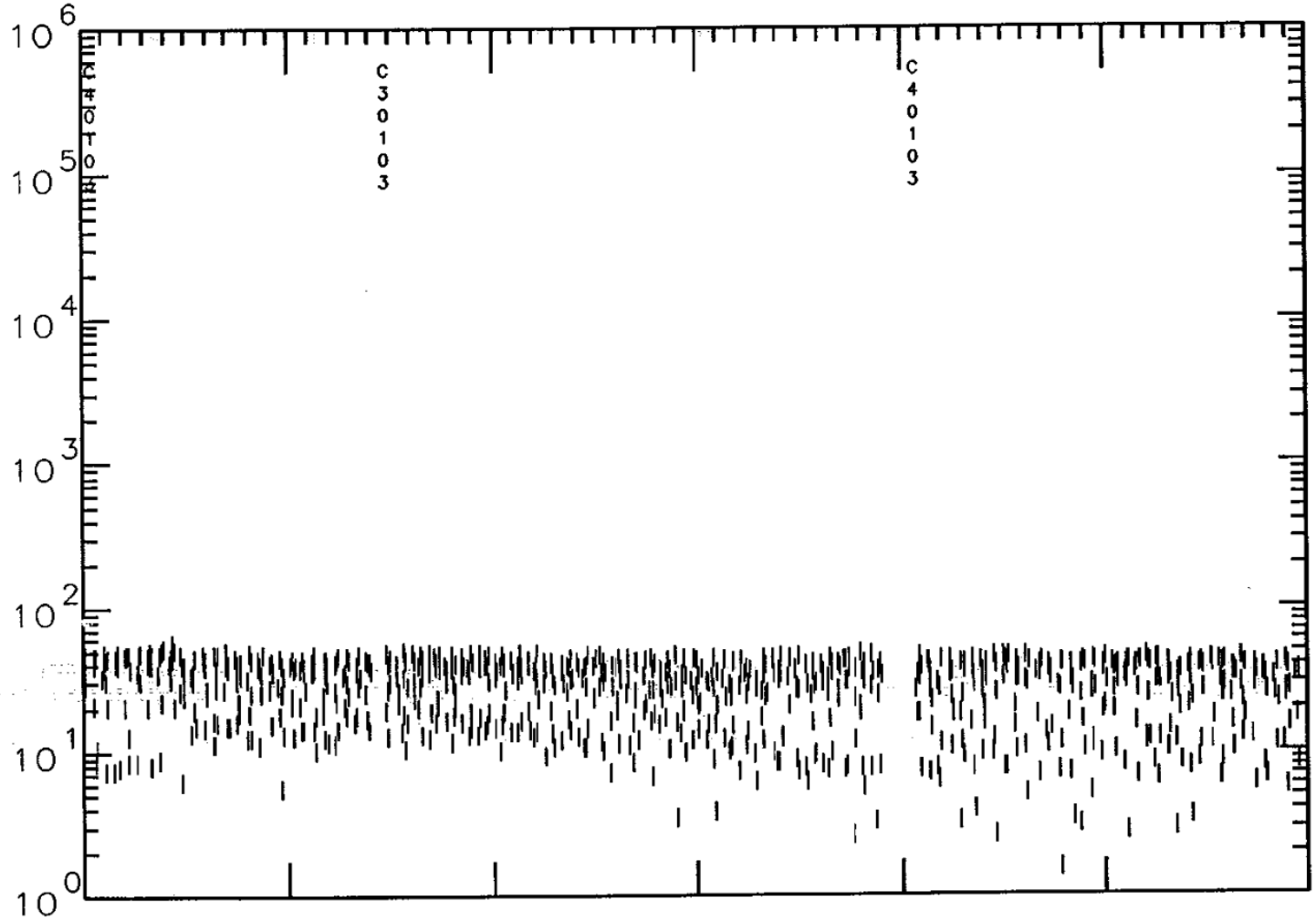
ALT	6291	3975	2087	1334	2195	4134	6464	km
LAT	74	69	45	8	−28	−54	−69	deg
LONG	109	48	19	6	−4	−17	−39	deg
SZA	79	73	68	70	80	90	97	deg
LST	9.4	13.7	15.8	16.7	17.3	18.2	19.5	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:50:26

Universal Time, Day 82232

3600	4200	4800	5400	6000	6600	7200	secs
1: 0	1:10	1:20	1:30	1:40	1:50	2: 0	hh:mm



Orbit
1353

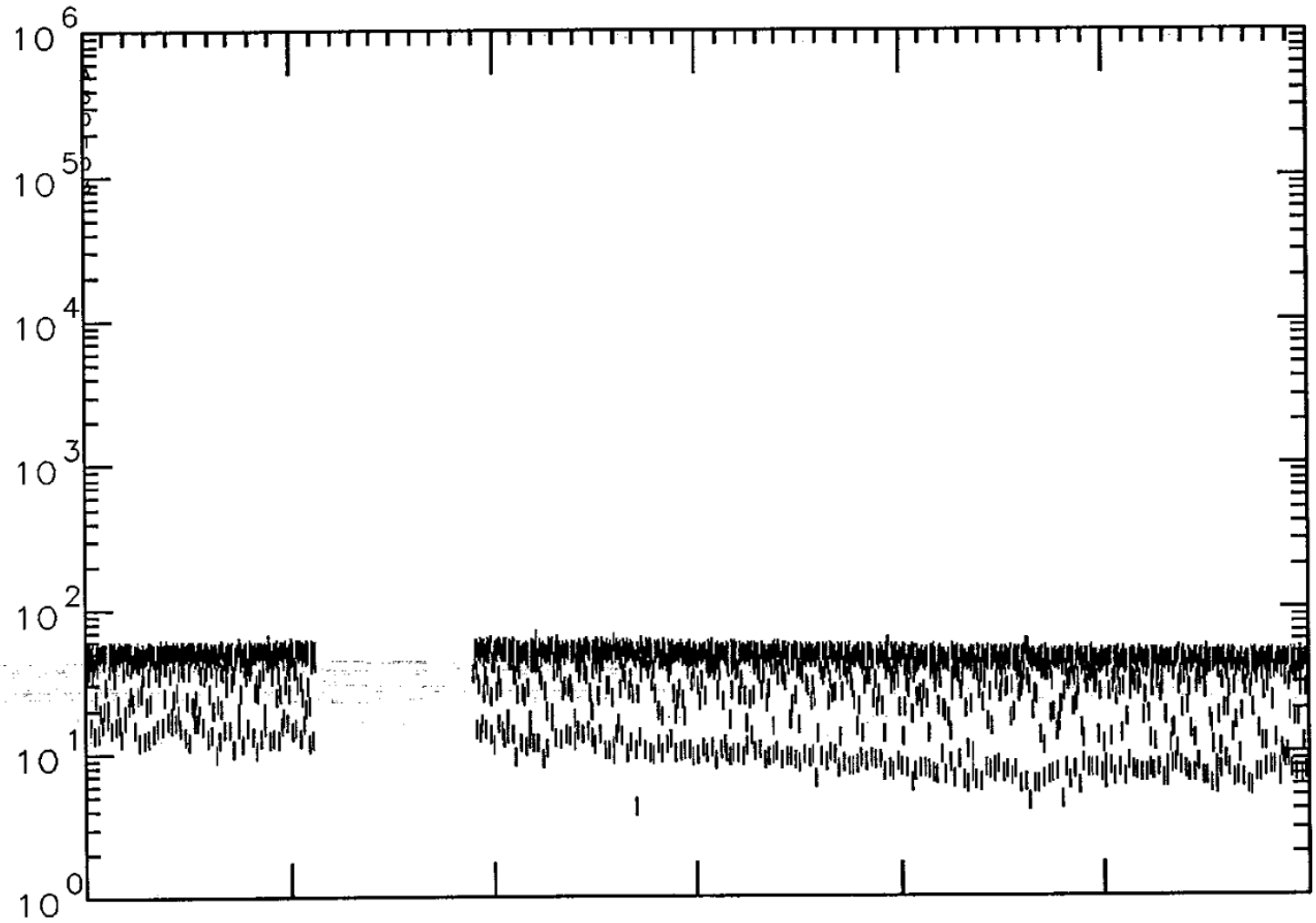
ALT	6477	4146	2203	1333	2078	3963	6278	km
LAT	74	70	47	11	−26	−53	−68	deg
LONG	115	53	22	8	−1	−14	−35	deg
SZA	79	74	69	71	81	90	97	deg
LST	9.3	13.5	15.8	16.7	17.4	18.2	19.5	hr

Ne hi-res Radial

Plotted:
3-AUG-93
22:55:02

Universal Time, Day 82233

3600	4200	4800	5400	6000	6600	7200	secs
1: 0	1:10	1:20	1:30	1:40	1:50	2: 0	hh:mm



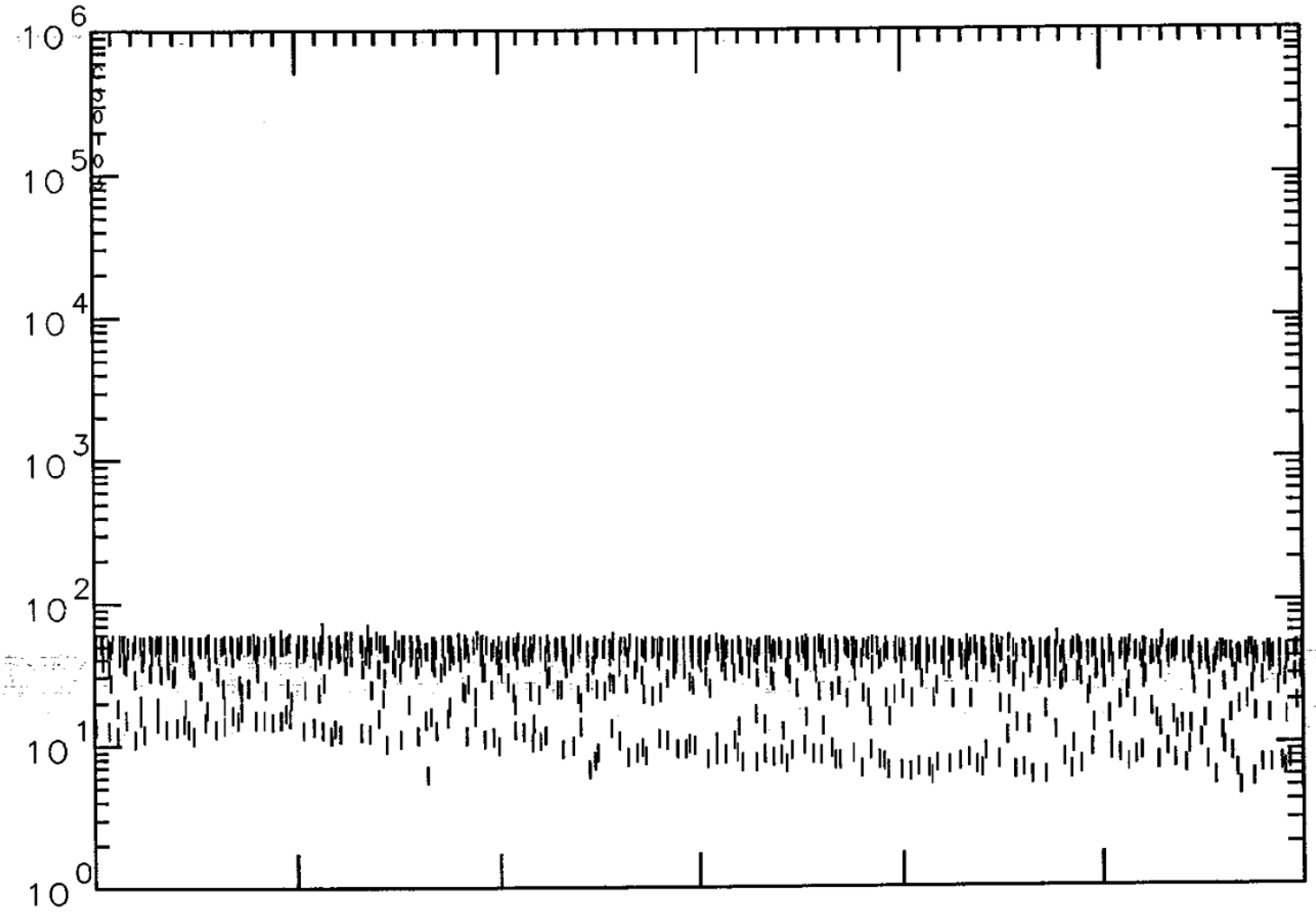
ALT	6422	4095	2167	1331	2111	4013	6333	km
LAT	74	70	47	10	−27	−53	−68	deg
LONG	115	54	23	9	0	−13	−34	deg
SZA	79	74	70	73	82	91	97	deg
LST	9.4	13.7	15.9	16.8	17.5	18.3	19.6	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:01:49

Universal Time, Day 82234

3600	4200	4800	5400	6000	6600	7200	secs
1: 0	1:10	1:20	1:30	1:40	1:50	2: 0	hh:mm



Orbit
1355

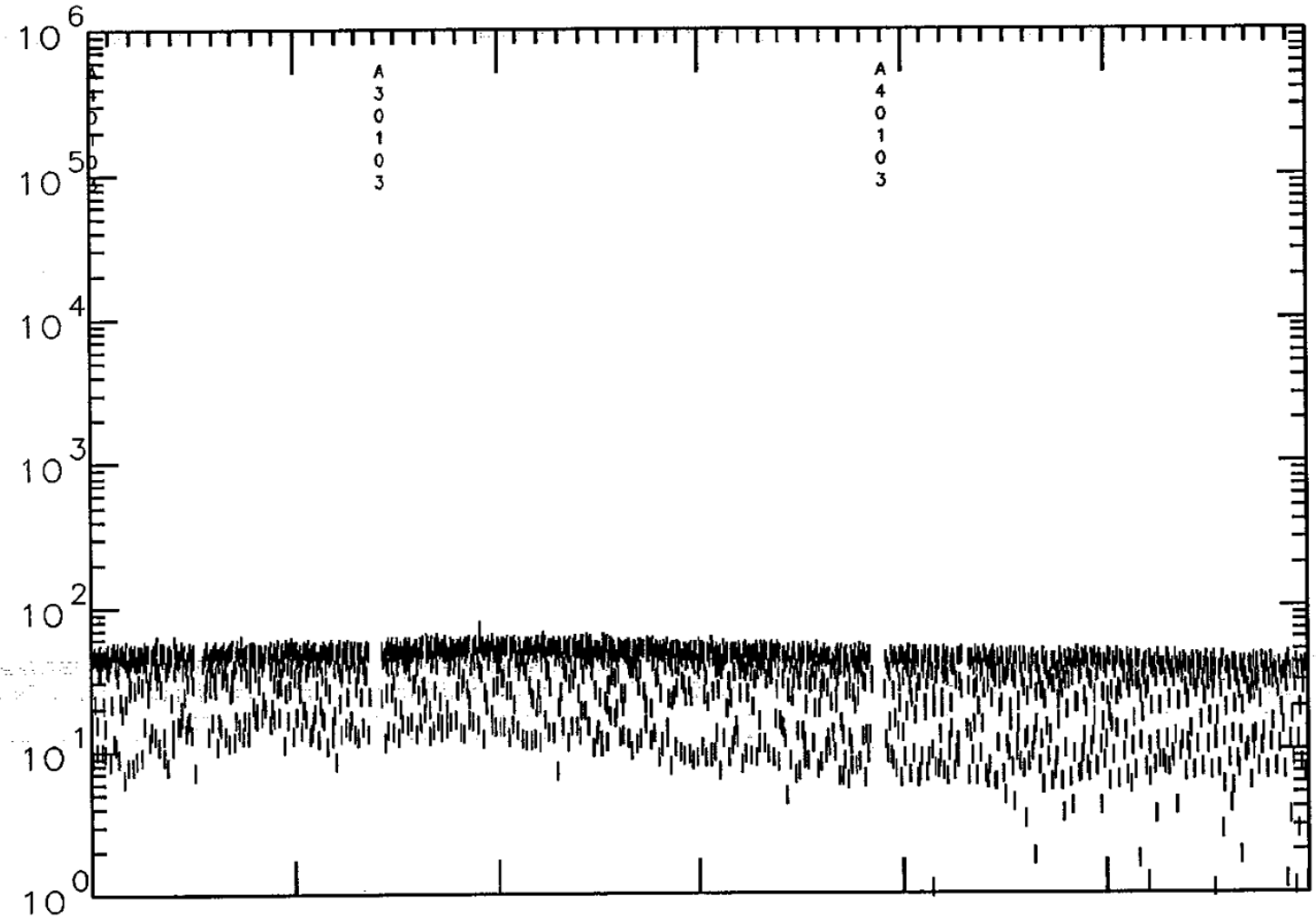
ALT	6365	4043	2131	1330	2146	4065	6389	km
LAT	74	70	46	9	−27	−53	−69	deg
LONG	115	54	24	11	0	−12	−33	deg
SZA	78	74	71	74	84	92	98	deg
LST	9.6	13.9	16.0	17.0	17.6	18.4	19.8	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:06:43

Universal Time, Day 82235

3600	4200	4800	5400	6000	6600	7200	secs
1: 0	1:10	1:20	1:30	1:40	1:50	2: 0	hh:mm



N_e (cm^{-3})

Orbit 1356

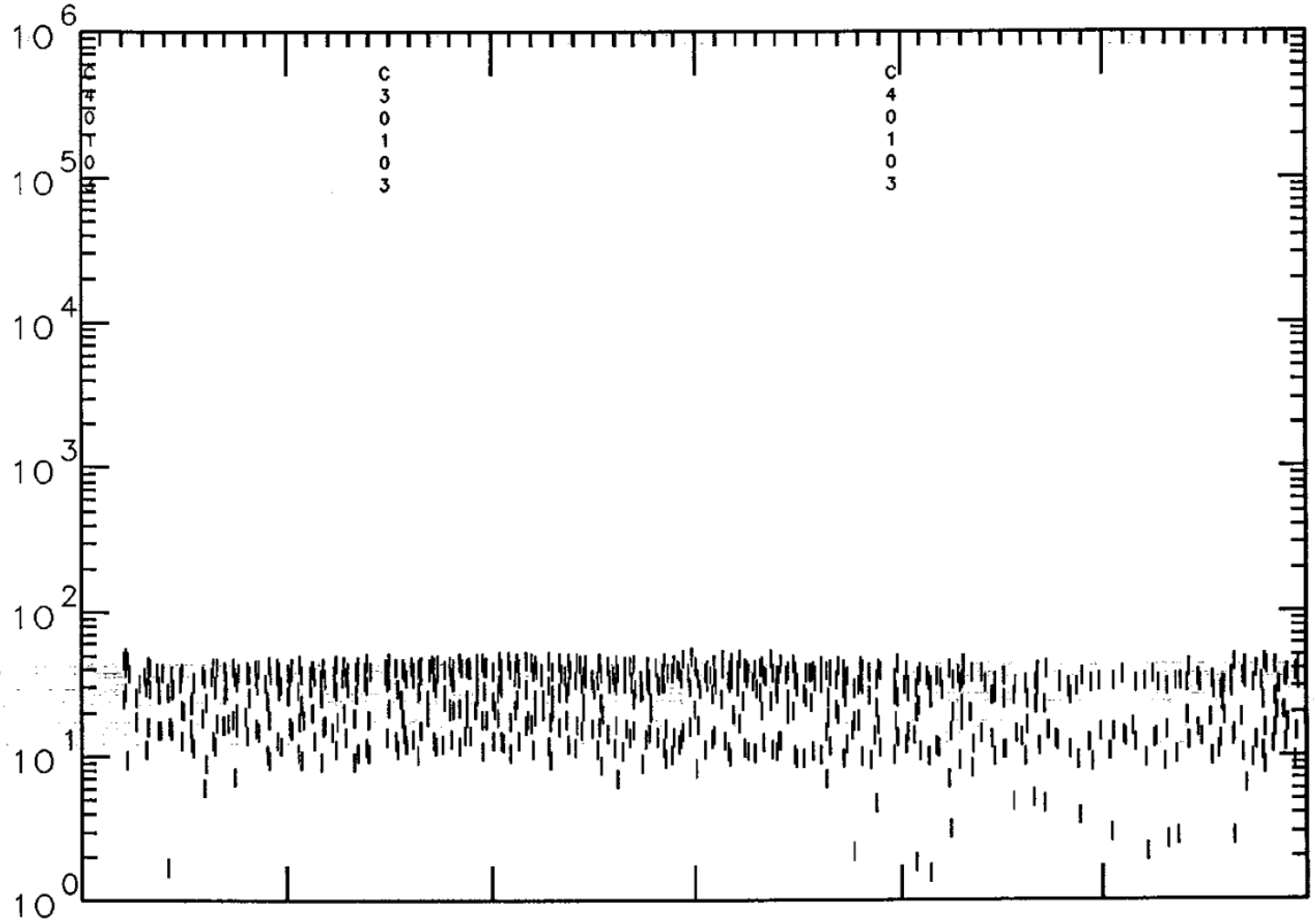
ALT	6307	3989	2095	1330	2182	4117	6447	km
LAT	74	69	45	8	−28	−54	−69	deg
LONG	115	54	25	12	1	−11	−33	deg
SZA	78	75	73	76	86	93	98	deg
LST	9.8	14.1	16.2	17.1	17.8	18.6	19.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:13:40

Universal Time, Day 82236

3540	4140	4740	5340	5940	6540	7140	secs
0:59	1: 9	1:19	1:29	1:39	1:49	1:59	hh:mm



N_e
(cm^{-3})

Orbit
1357

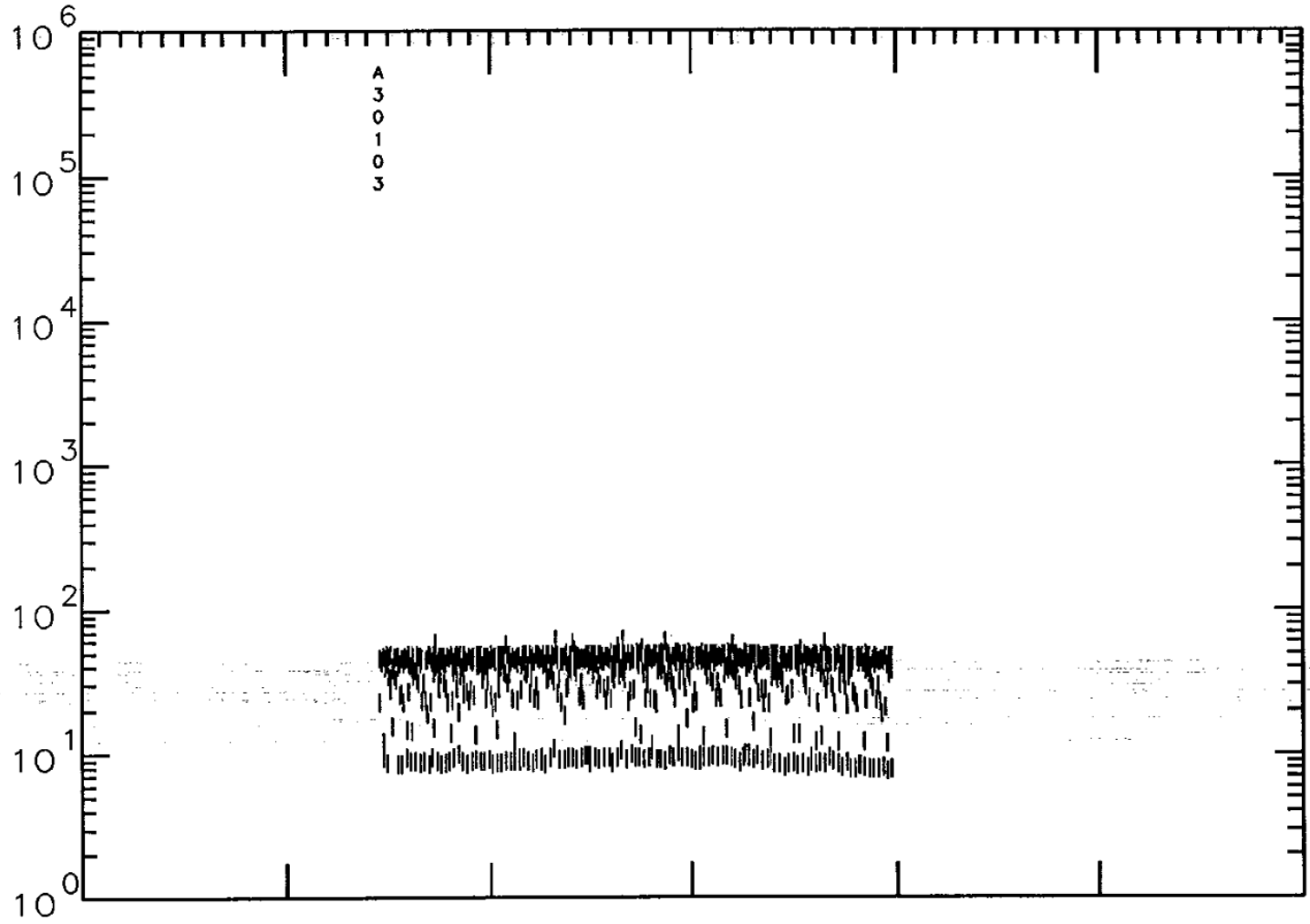
ALT	6487	4155	2208	1331	2069	3952	6267	km
LAT	74	70	48	11	−26	−52	−68	deg
LONG	121	59	28	14	4	−8	−29	deg
SZA	78	75	74	77	86	94	98	deg
LST	9.7	13.9	16.2	17.1	17.8	18.6	19.9	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:18:05

Universal Time, Day 82237

3540	4140	4740	5340	5940	6540	7140	secs
0:59	1: 9	1:19	1:29	1:39	1:49	1:59	hh:mm



Orbit
1358

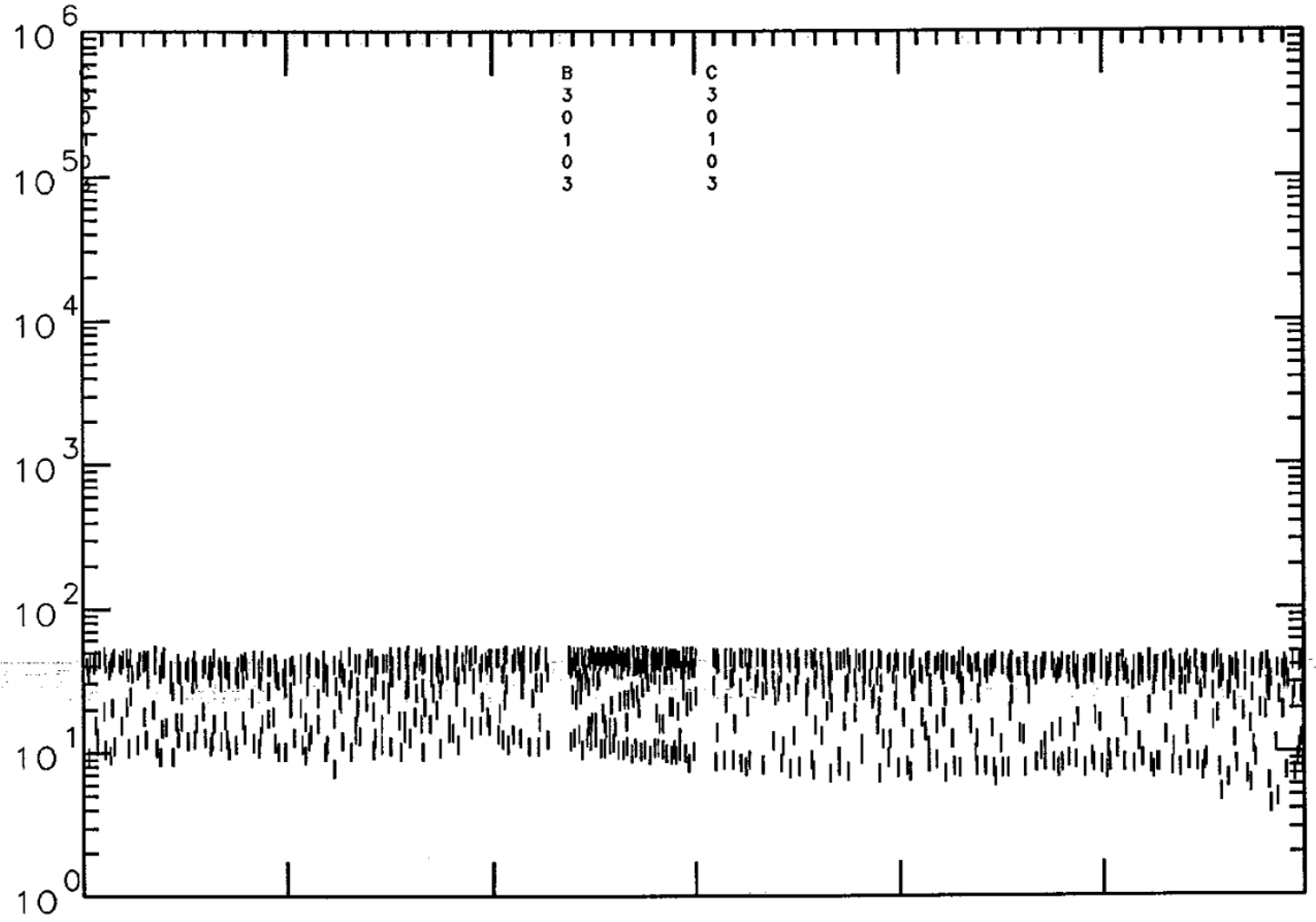
ALT	6427	4099	2169	1328	2105	4006	6326 km
LAT	74	70	47	10	−27	−53	−68 deg
LONG	121	60	29	15	5	−7	−28 deg
SZA	78	76	75	79	88	95	99 deg
LST	9.8	14.1	16.3	17.3	17.9	18.7	20.0 hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:21:58

Universal Time, Day 82238

3540	4140	4740	5340	5940	6540	7140	secs
0:59	1: 9	1:19	1:29	1:39	1:49	1:59	hh:mm



Orbit
1359

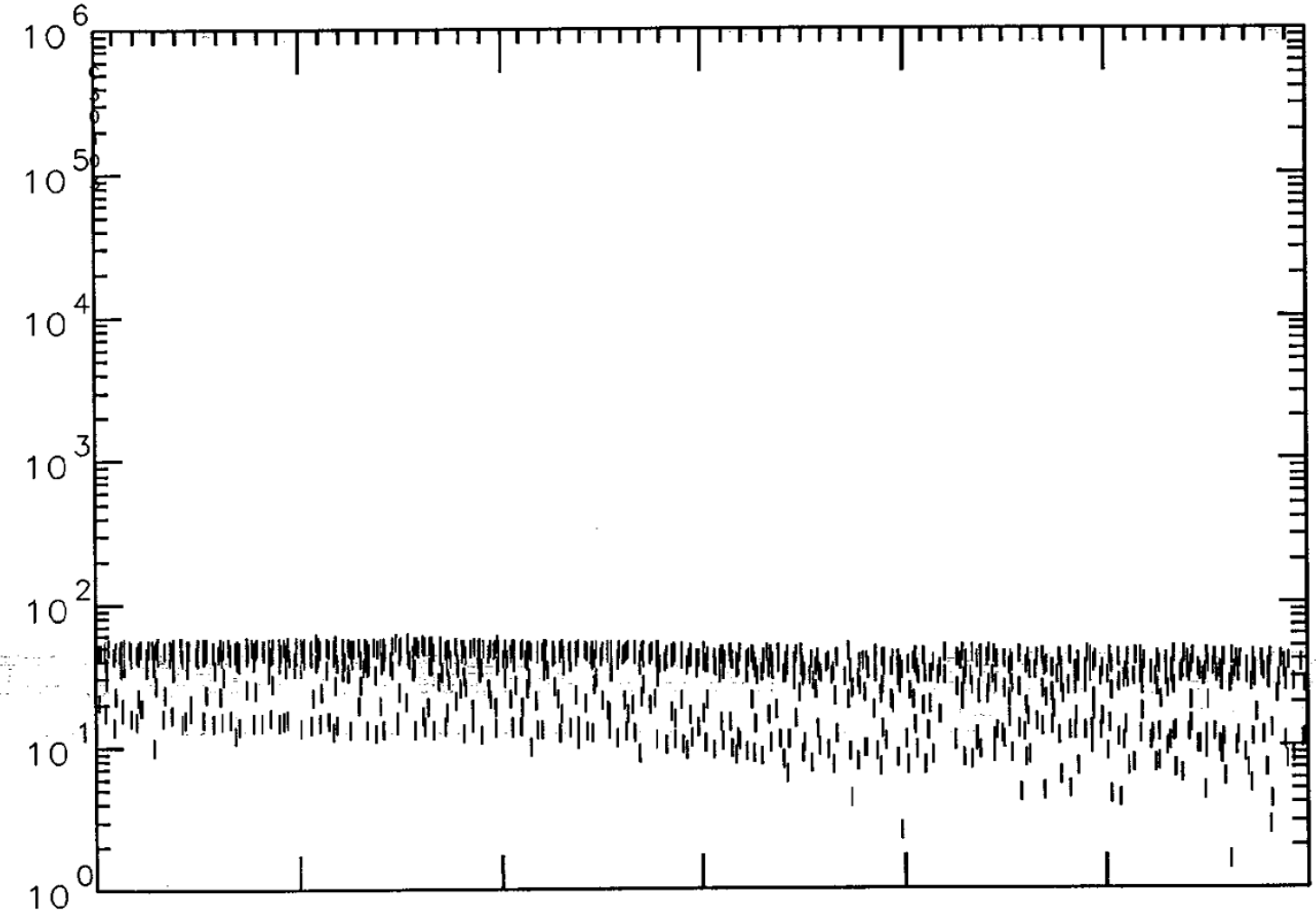
ALT	6366	4043	2130	1328	2143	4062	6387	km
LAT	74	70	46	9	−27	−53	−69	deg
LONG	121	60	30	17	6	−6	−27	deg
SZA	78	76	76	81	90	96	100	deg
LST	10.0	14.3	16.5	17.4	18.1	18.9	20.2	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:27:38

Universal Time, Day 82239

3540	4140	4740	5340	5940	6540	7140	secs
0:59	1: 9	1:19	1:29	1:39	1:49	1:59	hh:mm



Orbit
1360

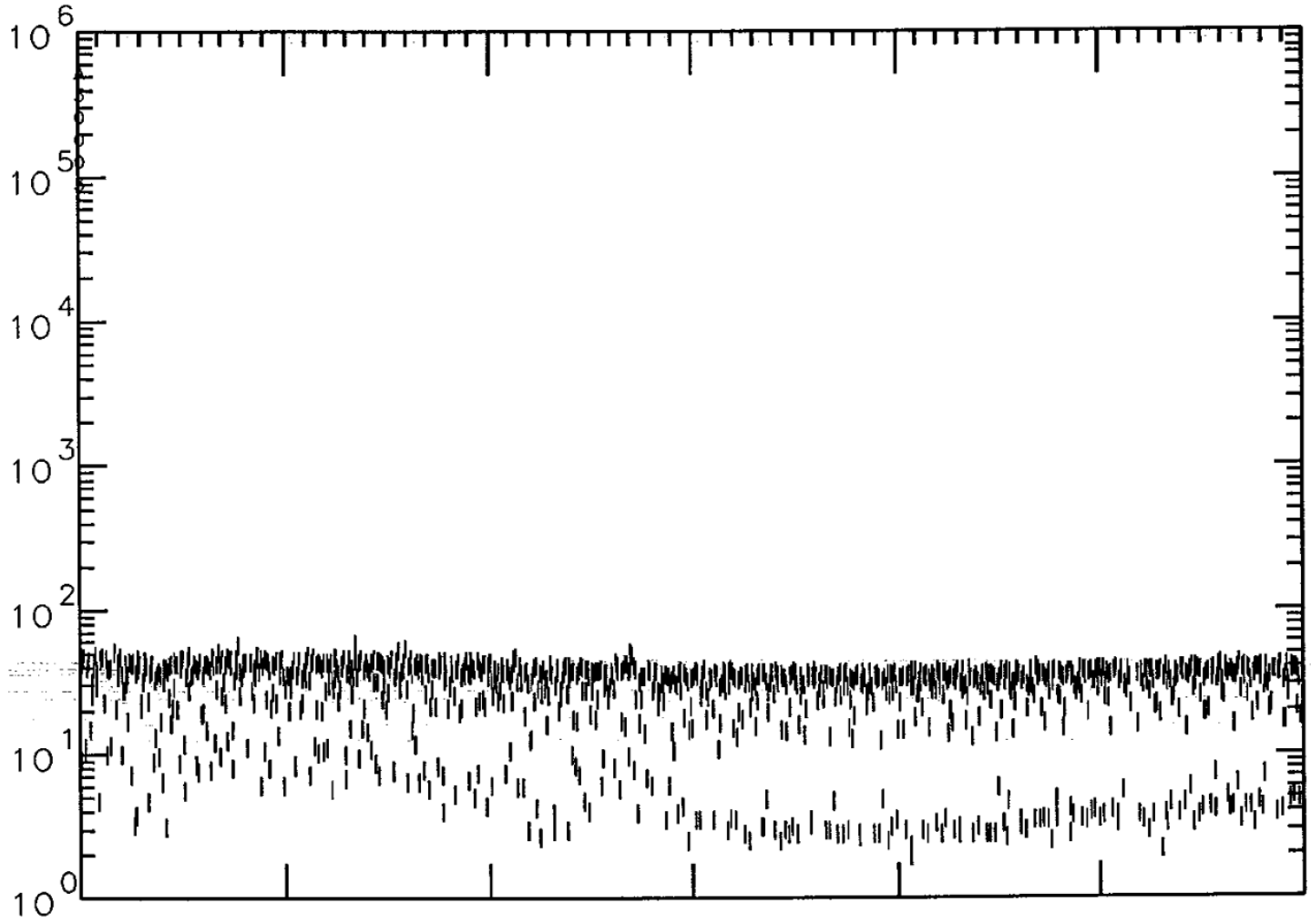
ALT	6305	3986	2091	1328	2182	4119	6449	km
LAT	74	69	45	8	−28	−54	−69	deg
LONG	122	60	31	18	7	−5	−27	deg
SZA	78	76	77	83	91	97	100	deg
LST	10.2	14.5	16.6	17.5	18.2	19.0	20.3	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:32:26

Universal Time, Day 82240

3480	4080	4680	5280	5880	6480	7080	secs
0:58	1: 8	1:18	1:28	1:38	1:48	1:58	hh:mm



Orbit
1361

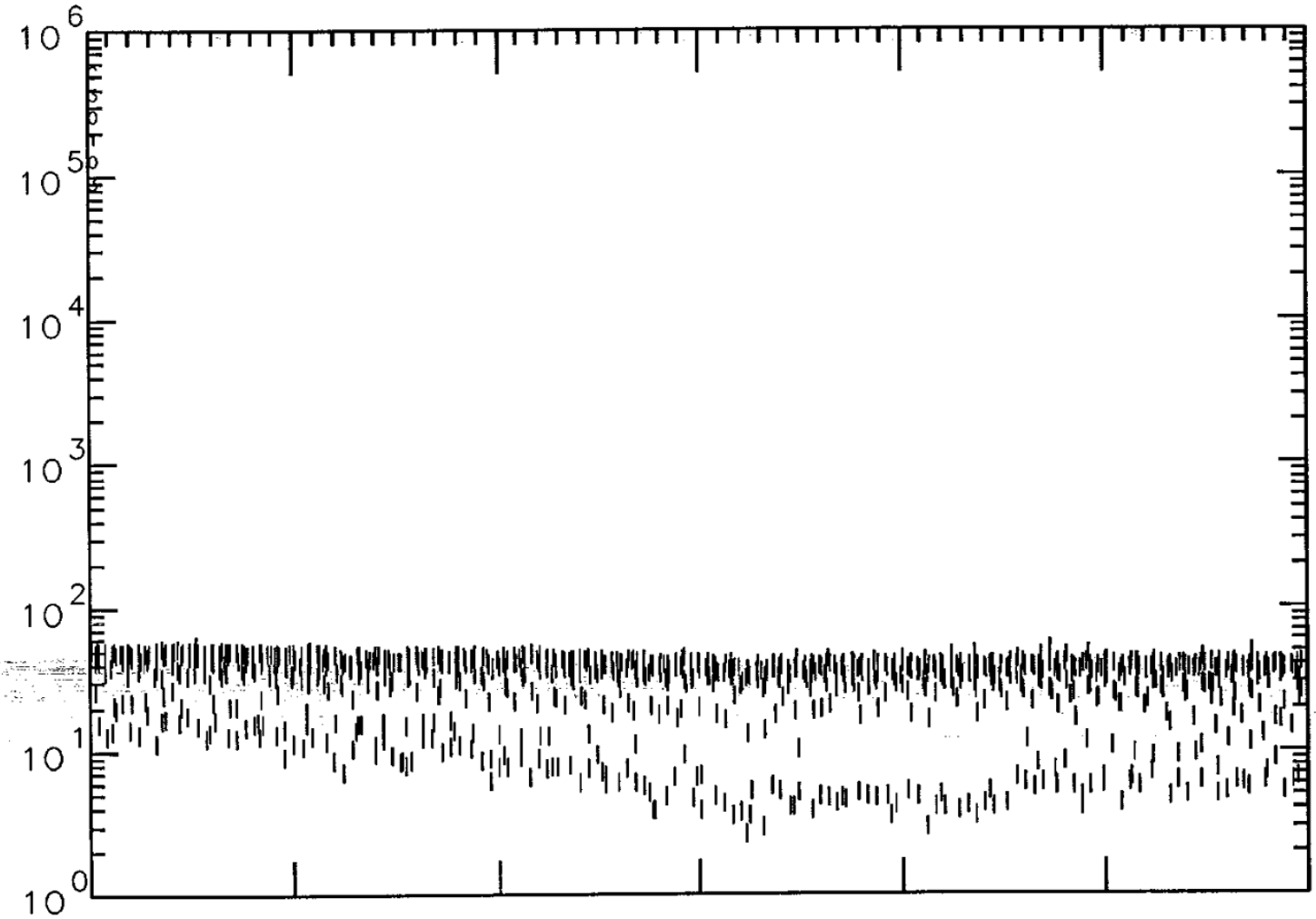
ALT	6482	4149	2203	1328	2071	3956	6272 km
LAT	74	70	48	11	−26	−52	−68 deg
LONG	127	65	34	20	10	−2	−23 deg
SZA	78	77	78	84	92	98	100 deg
LST	10.1	14.3	16.6	17.6	18.2	19.0	20.3 hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:38:14

Universal Time, Day 82241

3480	4080	4680	5280	5880	6480	7080	secs
0:58	1: 8	1:18	1:28	1:38	1:48	1:58	hh:mm



Orbit
1362

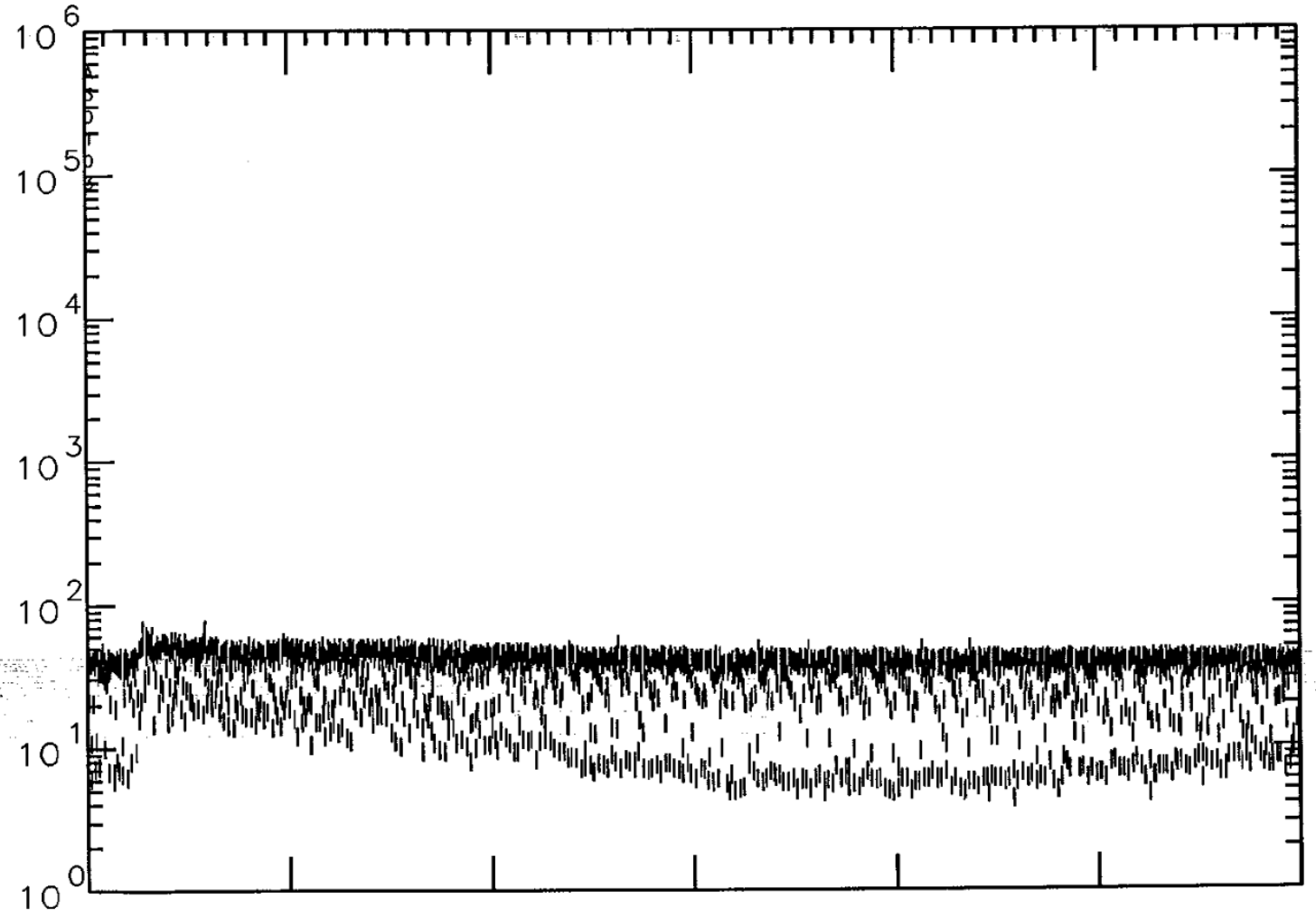
ALT	6419	4091	2162	1327	2109	4013	6334	km
LAT	74	70	47	10	−27	−53	−68	deg
LONG	127	65	35	21	11	−1	−22	deg
SZA	77	77	79	85	94	99	101	deg
LST	10.3	14.5	16.8	17.7	18.4	19.2	20.5	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:43:12

Universal Time, Day 82242

3480	4080	4680	5280	5880	6480	7080	secs
0:58	1: 8	1:18	1:28	1:38	1:48	1:58	hh:mm



Orbit
1363

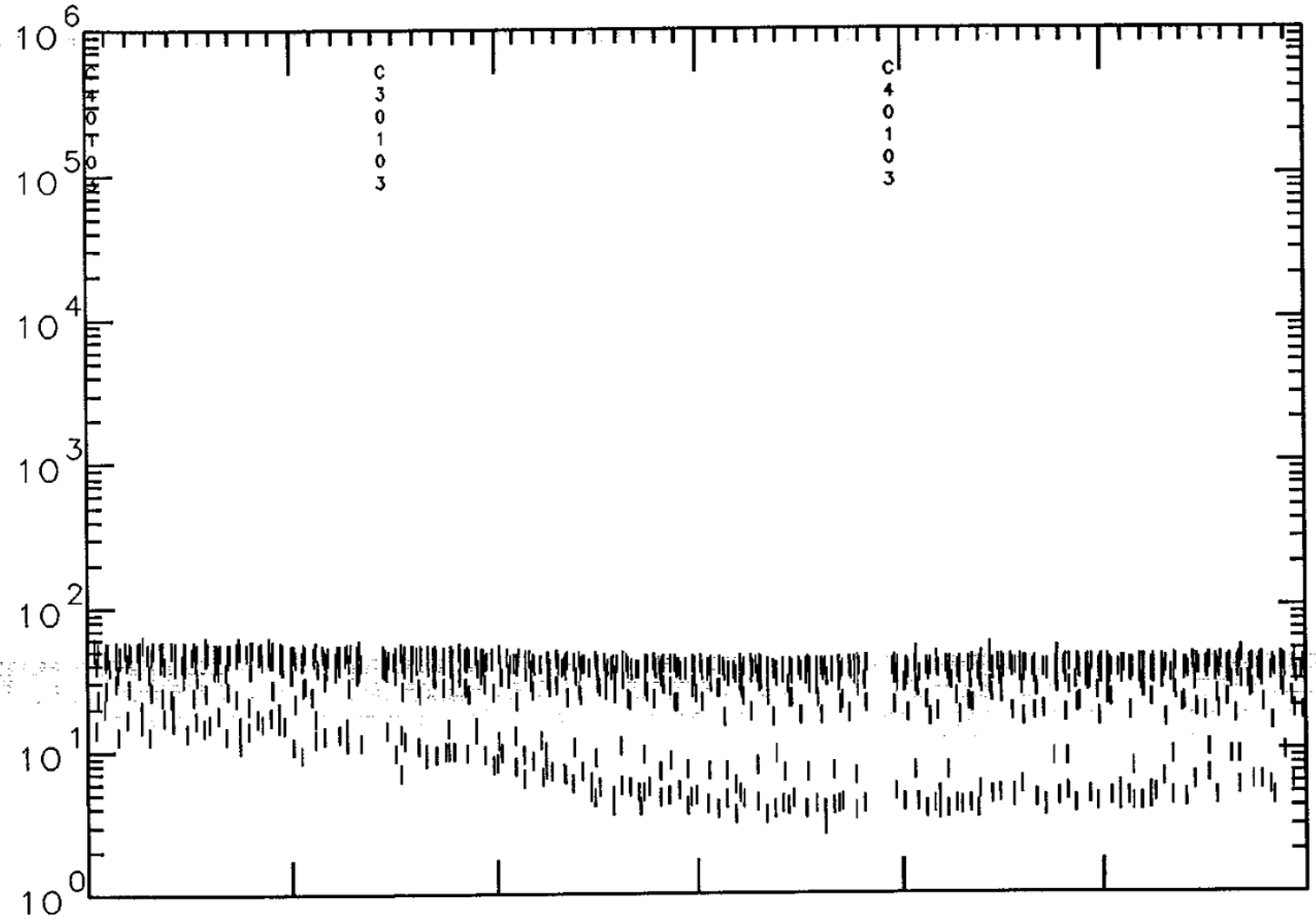
ALT	6356	4033	2122	1326	2148	4071	6397 km
LAT	74	70	46	9	−28	−54	−69 deg
LONG	127	66	36	22	12	0	−22 deg
SZA	77	78	80	87	95	100	101 deg
LST	10.5	14.7	16.9	17.8	18.5	19.3	20.6 hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:50:42

Universal Time, Day 82243

3480	4080	4680	5280	5880	6480	7080	secs
0:58	1: 8	1:18	1:28	1:38	1:48	1:58	hh:mm



N_e (cm^{-3})

Orbit
1364

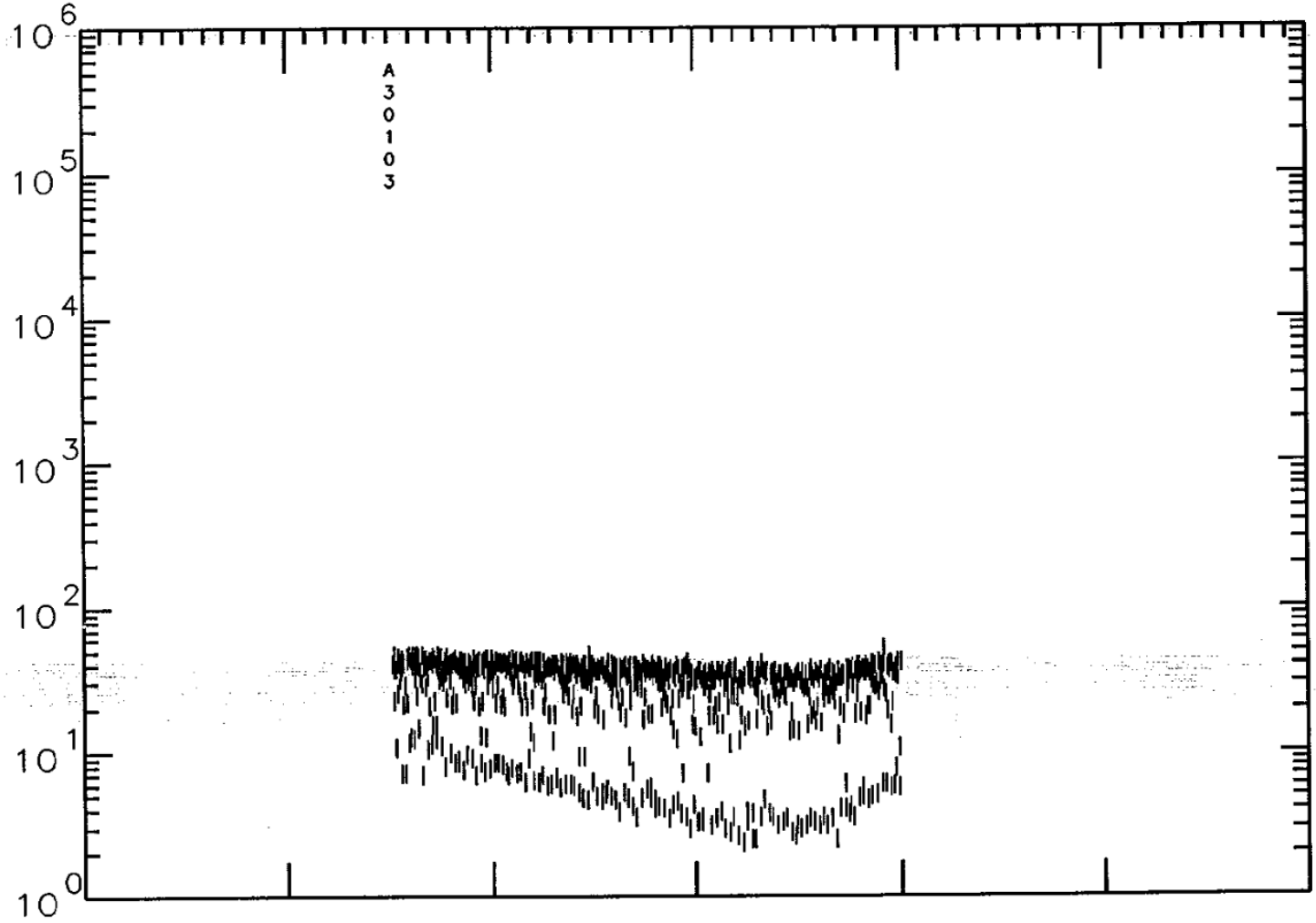
ALT	6291	3973	2082	1327	2190	4131	6462	km
LAT	74	69	45	8	−28	−54	−69	deg
LONG	127	66	37	24	13	0	−21	deg
SZA	77	78	81	89	97	100	102	deg
LST	10.7	15.0	17.1	17.9	18.6	19.4	20.8	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:55:25

Universal Time, Day 82244

3420	4020	4620	5220	5820	6420	7020	secs
0:57	1: 7	1:17	1:27	1:37	1:47	1:57	hh:mm



Orbit
1365

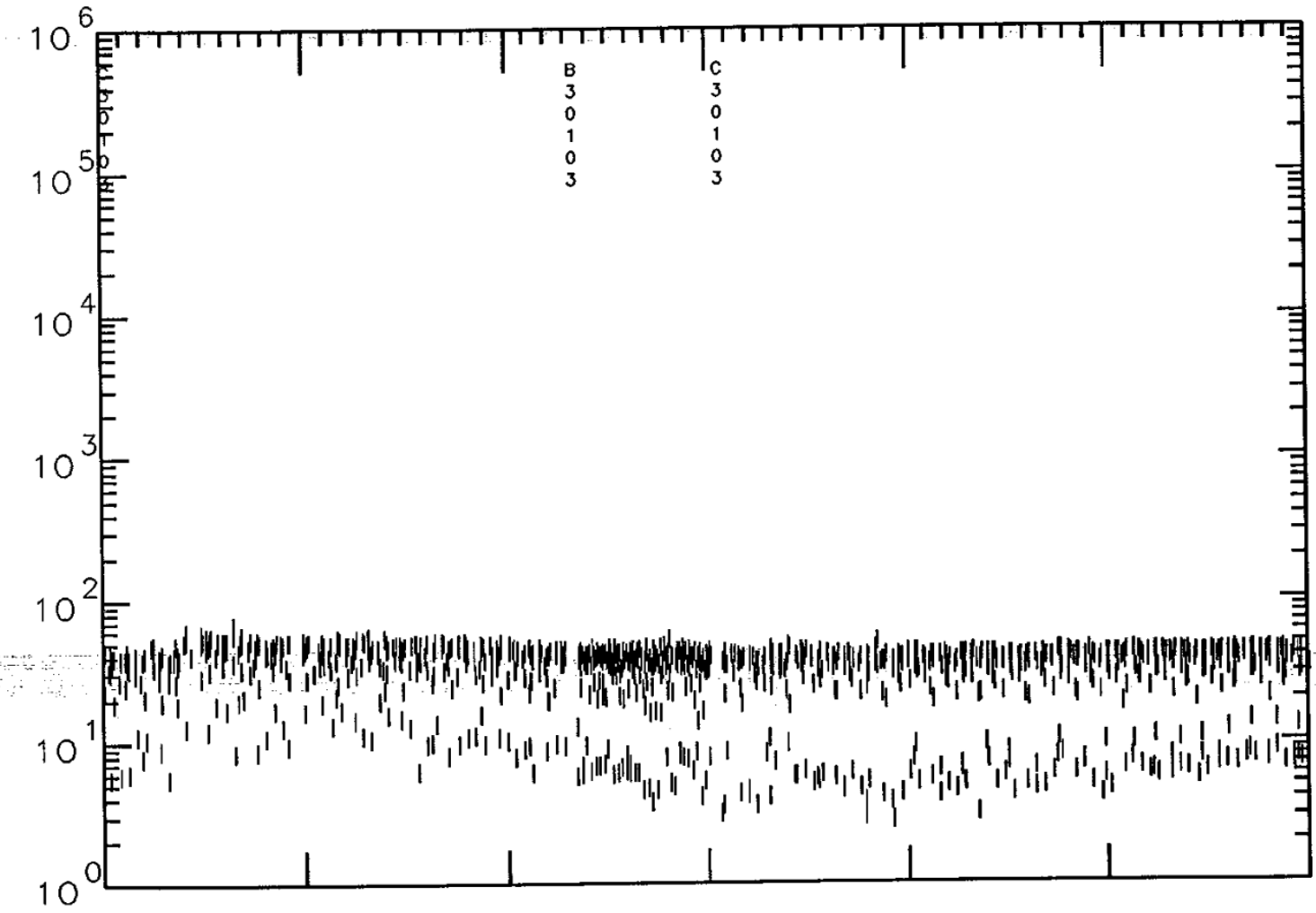
ALT	6467	4135	2193	1327	2079	3969	6286	km
LAT	74	70	47	11	−26	−53	−68	deg
LONG	133	71	40	26	16	3	−17	deg
SZA	77	78	82	90	98	101	102	deg
LST	10.5	14.8	17.1	18.0	18.7	19.5	20.8	hr

Ne hi-res Radial

Plotted:
3-AUG-93
23:59:16

Universal Time, Day 82245

3420	4020	4620	5220	5820	6420	7020	secs
0:57	1: 7	1:17	1:27	1:37	1:47	1:57	hh:mm



Orbit
1366

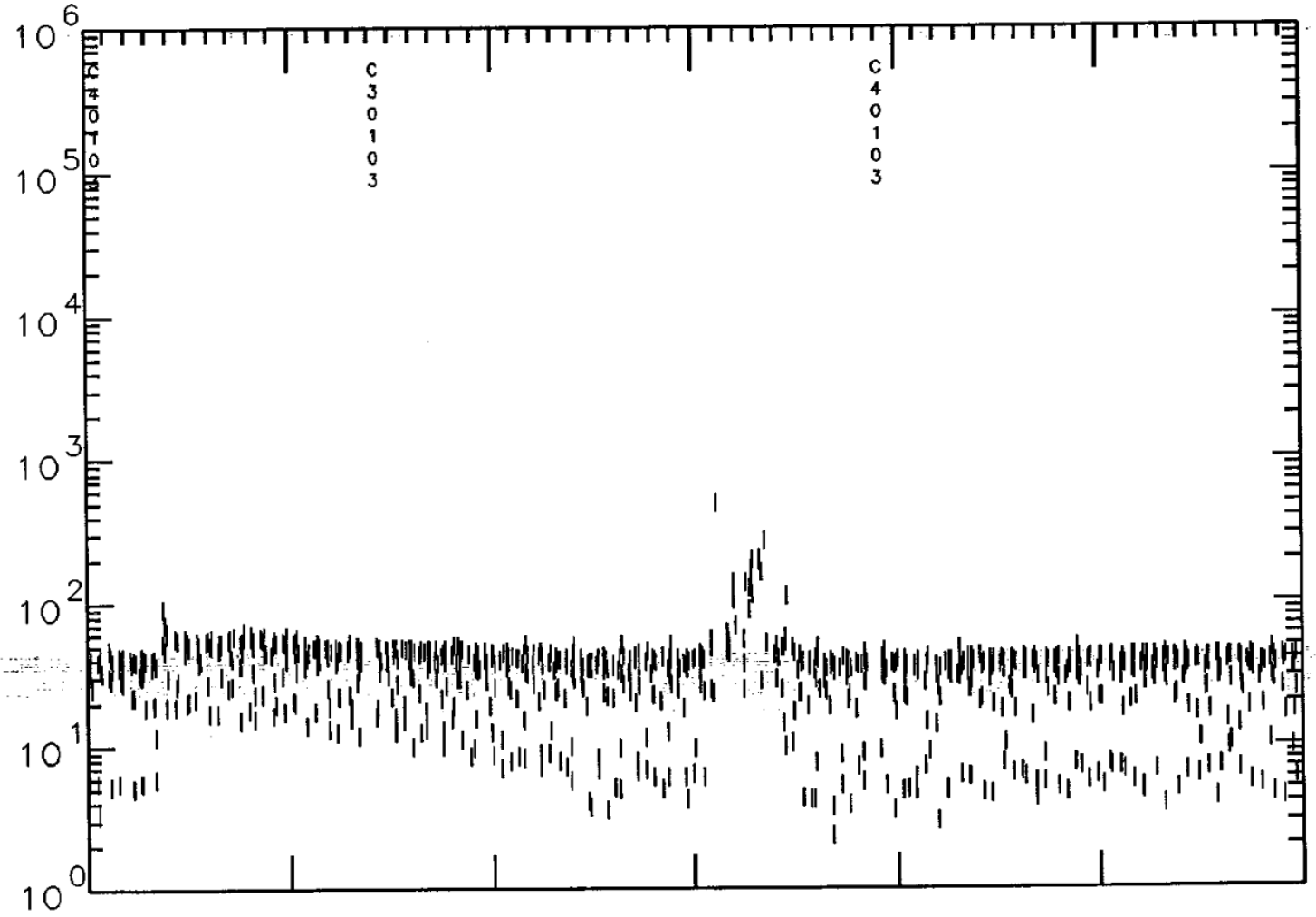
ALT	6403	4076	2152	1326	2118	4027	6350	km
LAT	74	70	47	10	−27	−53	−68	deg
LONG	133	71	41	27	17	4	−16	deg
SZA	77	79	83	92	99	102	102	deg
LST	10.7	15.0	17.2	18.1	18.8	19.6	20.9	hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:05:01

Universal Time, Day 82246

3420	4020	4620	5220	5820	6420	7020	secs
0:57	1: 7	1:17	1:27	1:37	1:47	1:57	hh:mm



N_e (cm^{-3})

Orbit 1367

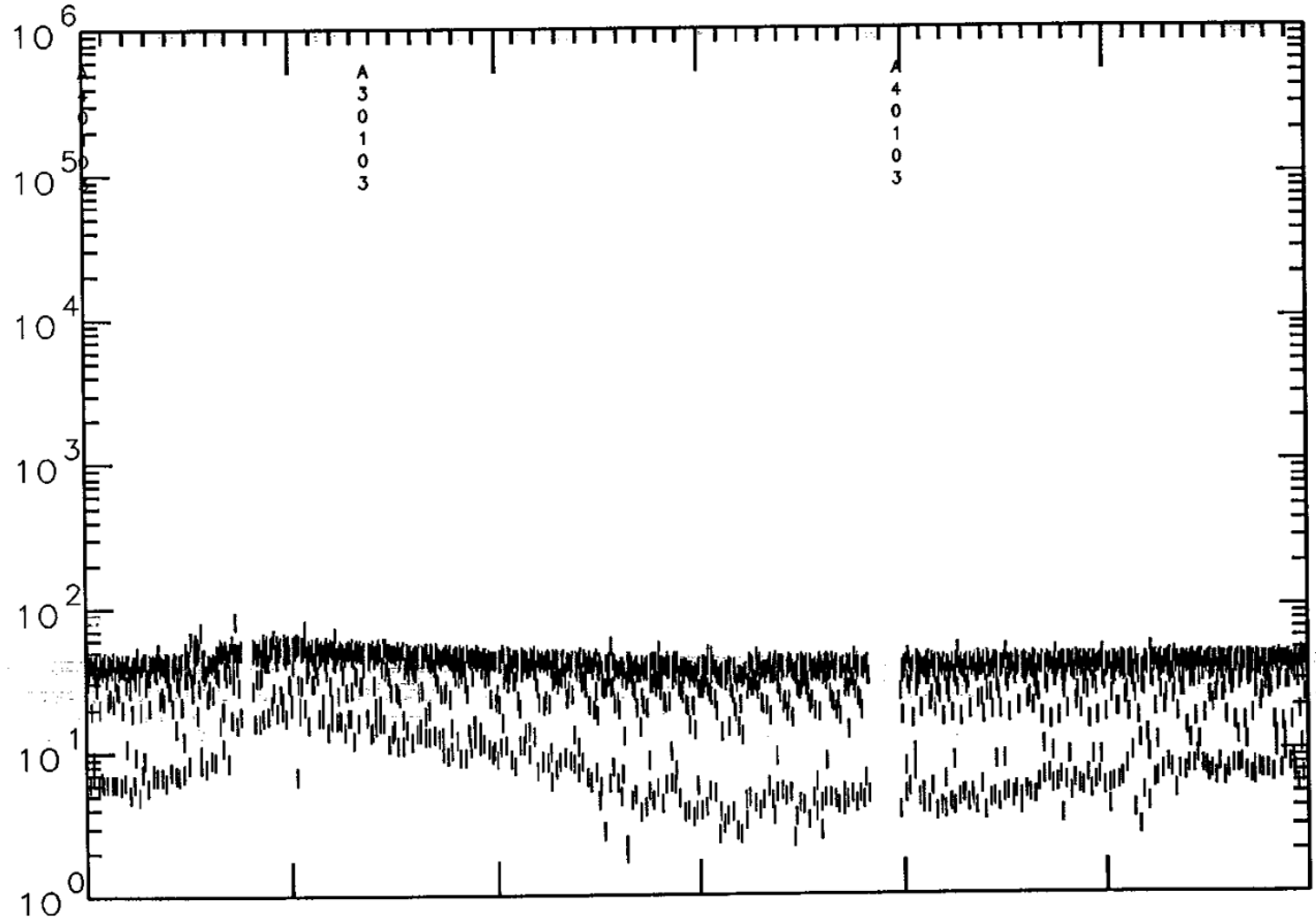
ALT	6340	4018	2112	1326	2158	4086	6413	km
LAT	74	70	46	9	−28	−54	−69	deg
LONG	133	71	42	28	18	5	−16	deg
SZA	77	79	85	94	101	103	103	deg
LST	10.9	15.2	17.4	18.3	18.9	19.7	21.1	hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:09:51

Universal Time, Day 82247

3420	4020	4620	5220	5820	6420	7020	secs
0:57	1: 7	1:17	1:27	1:37	1:47	1:57	hh:mm



Orbit
1368

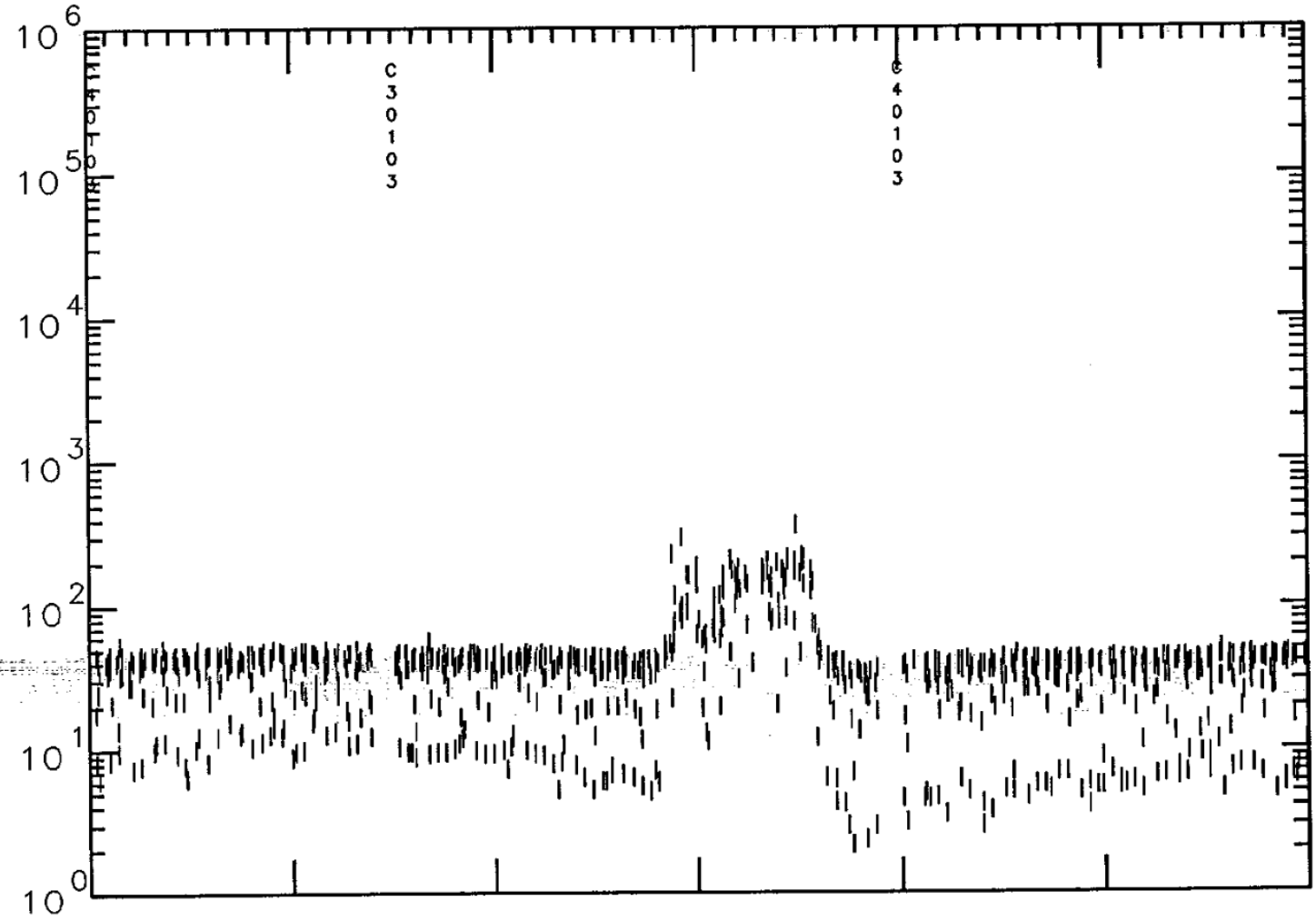
ALT	6277	3961	2074	1328	2199	4144	6476	km
LAT	74	69	45	8	−29	−54	−69	deg
LONG	133	72	43	30	19	6	−15	deg
SZA	77	80	86	96	102	104	103	deg
LST	11.1	15.4	17.5	18.4	19.1	19.9	21.2	hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:16:59

Universal Time, Day 82248

3360	3960	4560	5160	5760	6360	6960	secs
0:56	1: 6	1:16	1:26	1:36	1:46	1:56	hh:mm



Orbit
1369

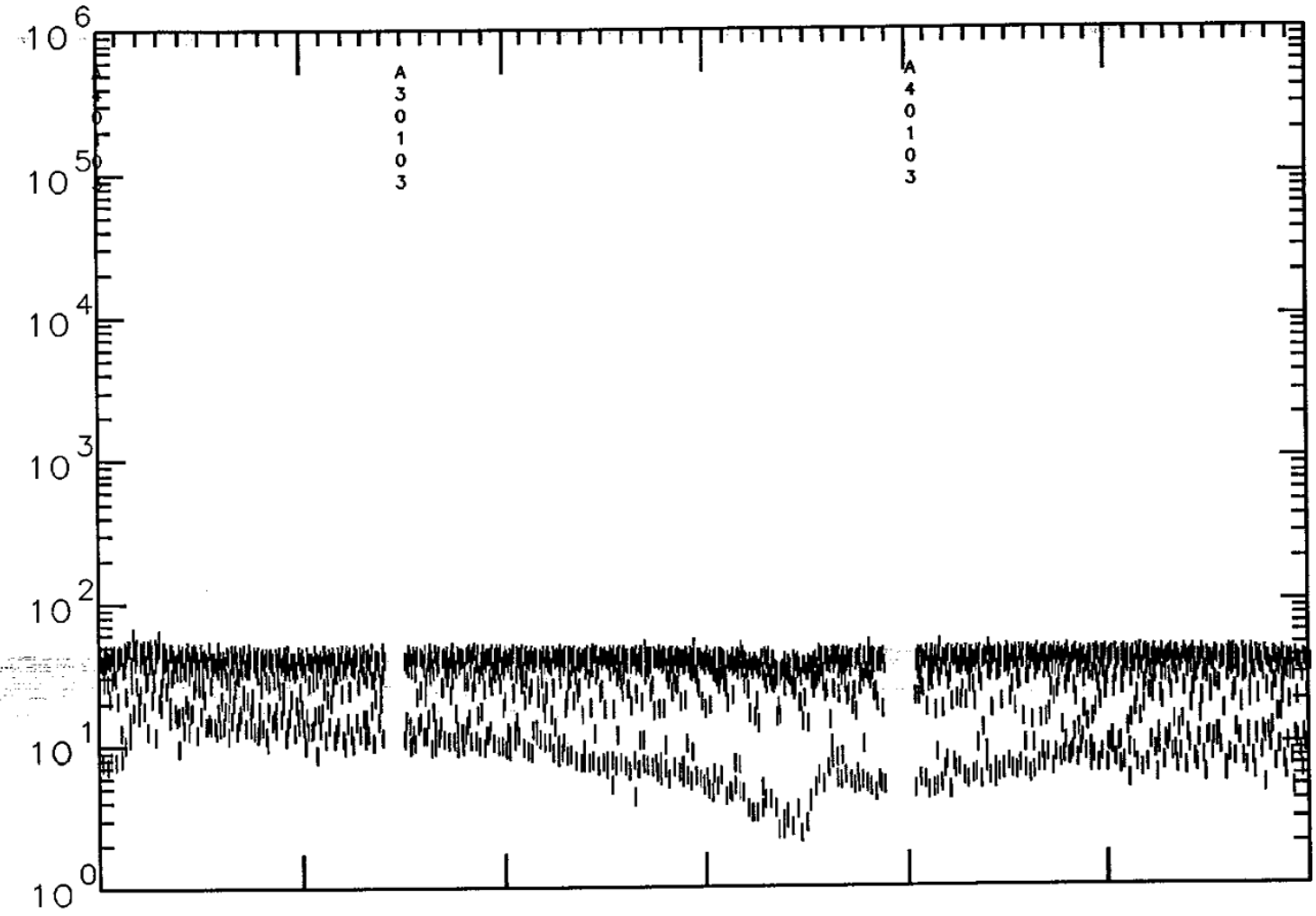
ALT	6454	4124	2185	1328	2088	3981	6299	km
LAT	74	70	47	10	−26	−53	−68	deg
LONG	138	77	45	32	21	9	−11	deg
SZA	77	80	87	96	103	105	104	deg
LST	11.0	15.2	17.5	18.4	19.1	19.9	21.2	hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:21:40

Universal Time, Day 82249

3360	3960	4560	5160	5760	6360	6960	secs
0:56	1: 6	1:16	1:26	1:36	1:46	1:56	hh:mm



Orbit
1370

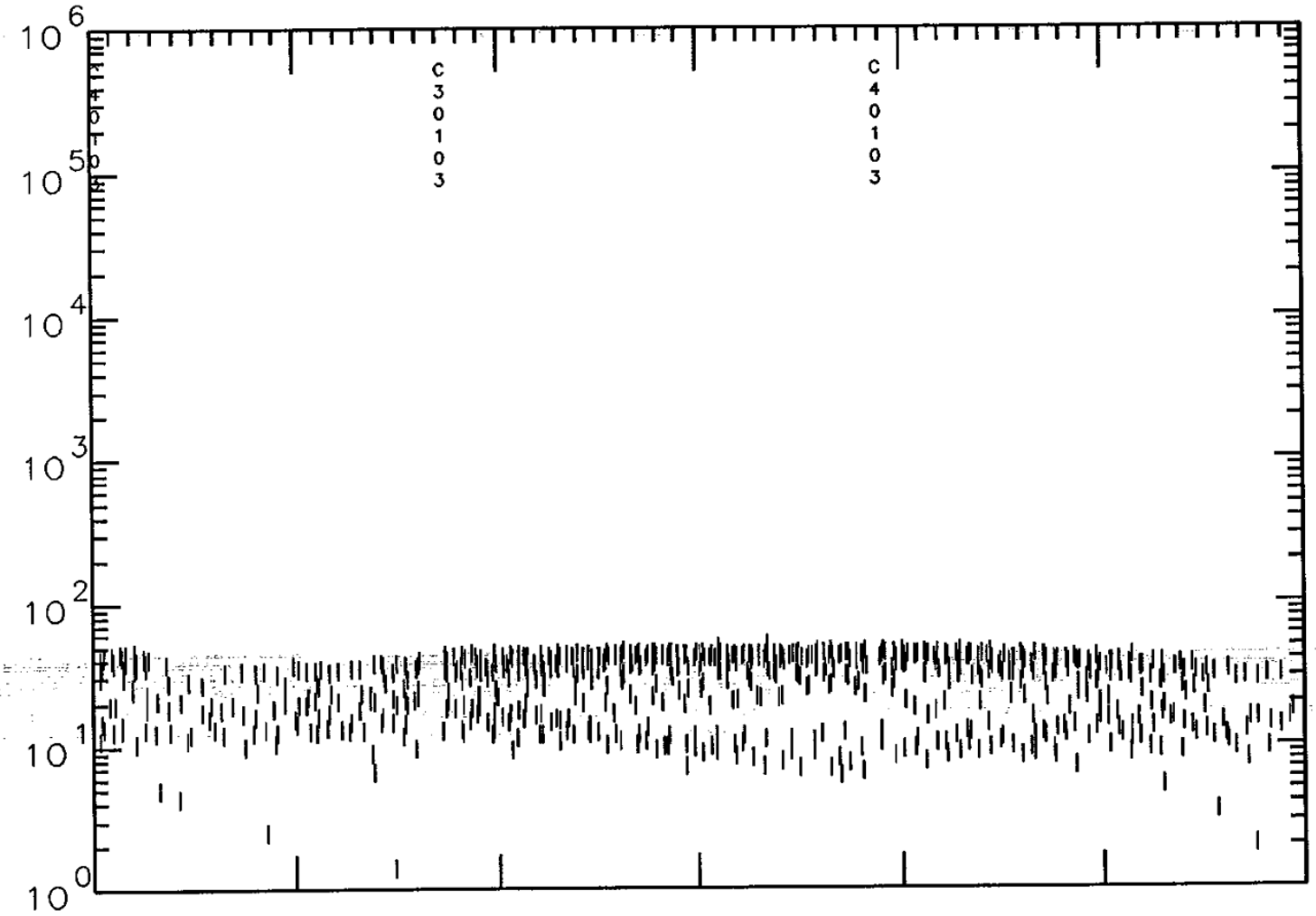
ALT	6392	4067	2146	1327	2127	4038	6361	km
LAT	74	70	46	9	−27	−53	−68	deg
LONG	139	77	46	33	23	10	−11	deg
SZA	77	81	88	98	105	106	104	deg
LST	11.2	15.4	17.6	18.6	19.2	20.1	21.4	hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:28:44

Universal Time, Day 82250

3360	3960	4560	5160	5760	6360	6960	secs
0:56	1: 6	1:16	1:26	1:36	1:46	1:56	hh:mm



Orbit
1371

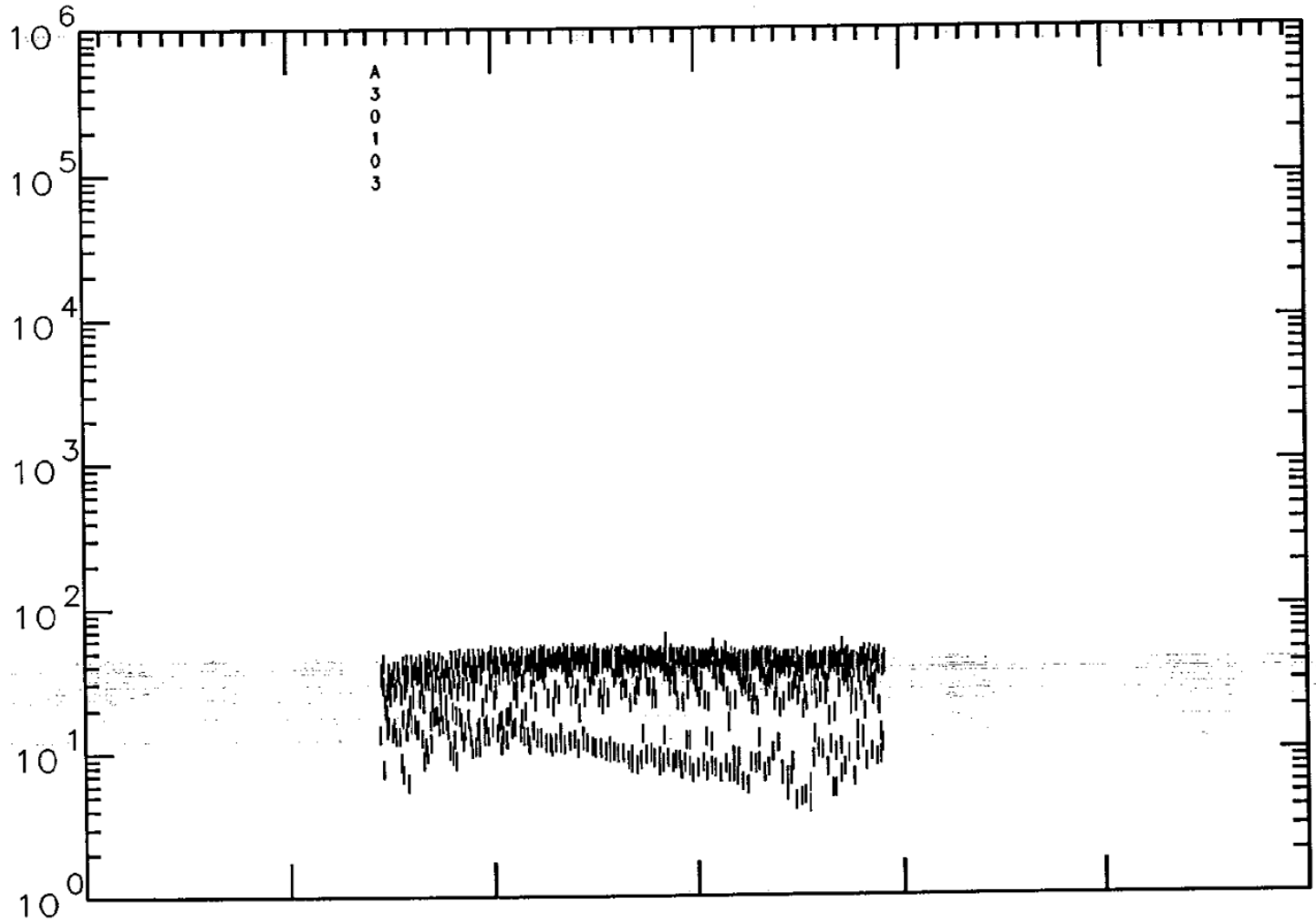
ALT	6331	4011	2108	1328	2166	4095	6422 km
LAT	74	70	46	8	−28	−54	−69 deg
LONG	139	77	47	34	24	11	−10 deg
SZA	77	81	89	100	106	106	104 deg
LST	11.4	15.6	17.8	18.7	19.4	20.2	21.5 hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:33:17

Universal Time, Day 82251

3360	3960	4560	5160	5760	6360	6960	secs
0:56	1: 6	1:16	1:26	1:36	1:46	1:56	hh:mm



Orbit
1372

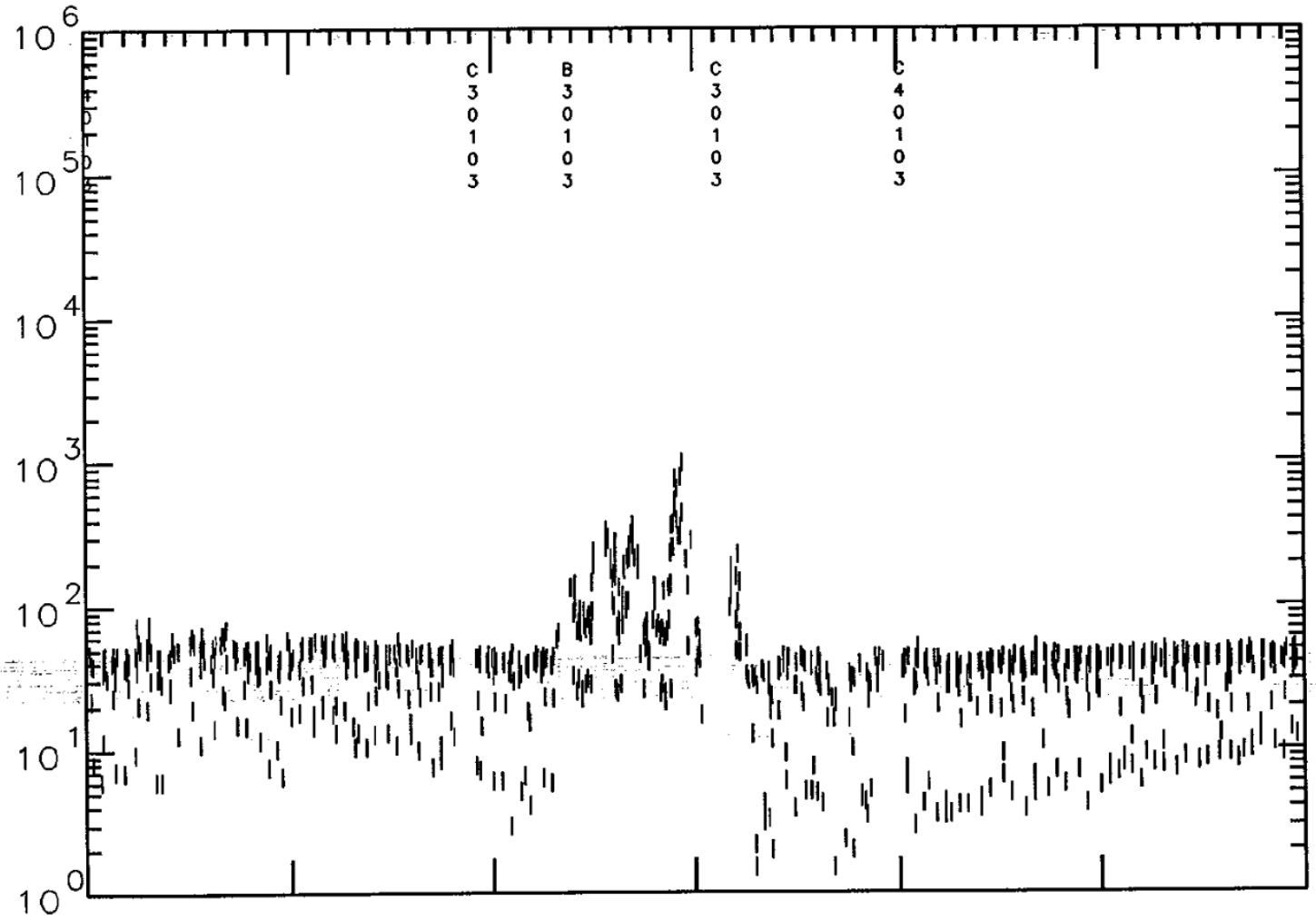
ALT	6271	3956	2072	1330	2205	4151	6483 km
LAT	74	69	45	7	−29	−54	−69 deg
LONG	139	78	49	35	25	12	−9 deg
SZA	77	82	91	102	108	107	104 deg
LST	11.6	15.8	17.9	18.8	19.5	20.3	21.7 hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:37:12

Universal Time, Day 82252

3300	3900	4500	5100	5700	6300	6900	secs
0:55	1: 5	1:15	1:25	1:35	1:45	1:55	hh:mm



Orbit
1373

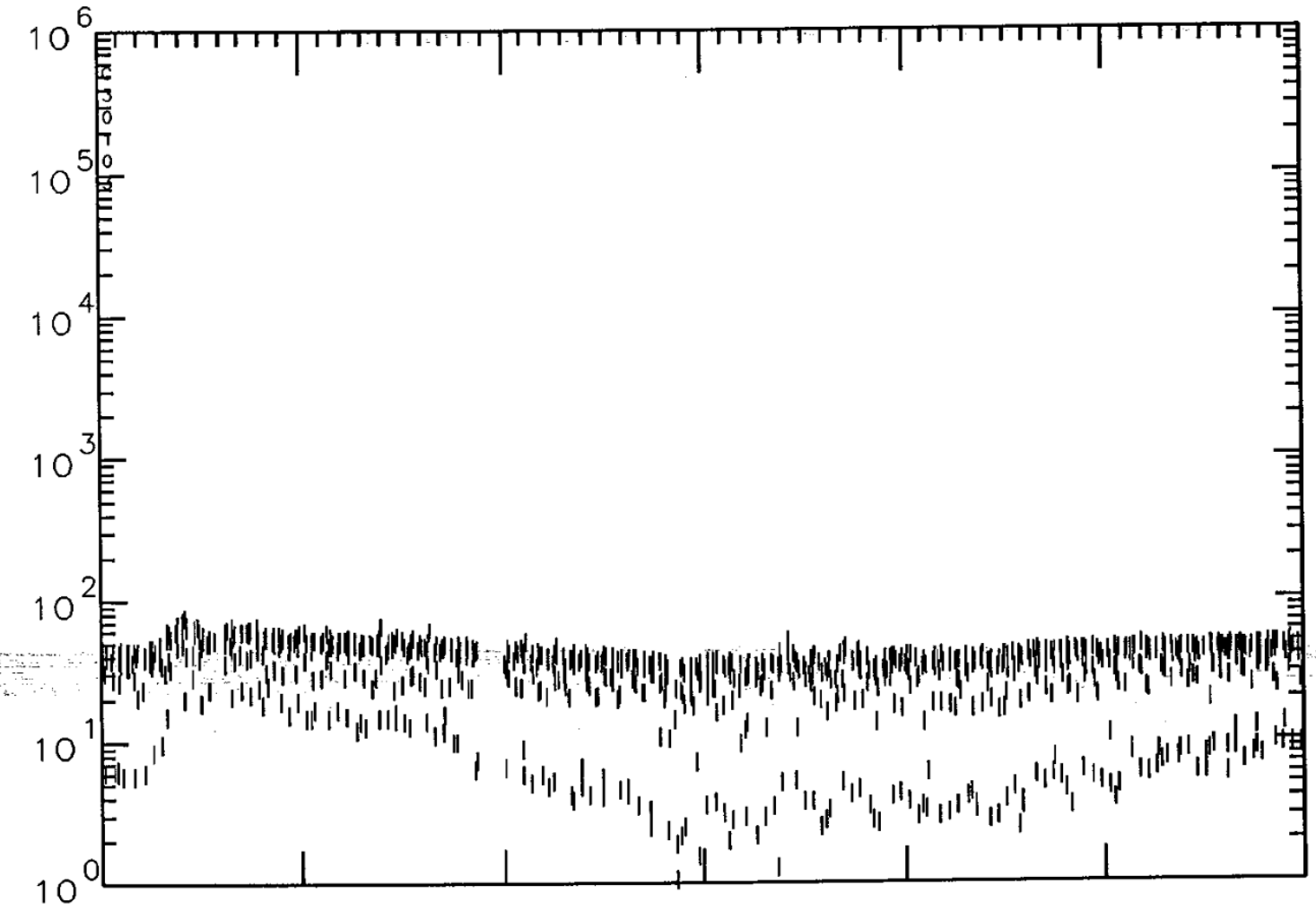
ALT	6451	4122	2185	1331	2092	3985	6303	km
LAT	74	70	47	10	−26	−53	−68	deg
LONG	144	83	51	38	27	15	−6	deg
SZA	77	82	91	103	109	108	105	deg
LST	11.4	15.7	17.9	18.9	19.5	20.4	21.6	hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:42:03

Universal Time, Day 82253

3300	3900	4500	5100	5700	6300	6900	secs
0:55	1: 5	1:15	1:25	1:35	1:45	1:55	hh:mm



Orbit
1374

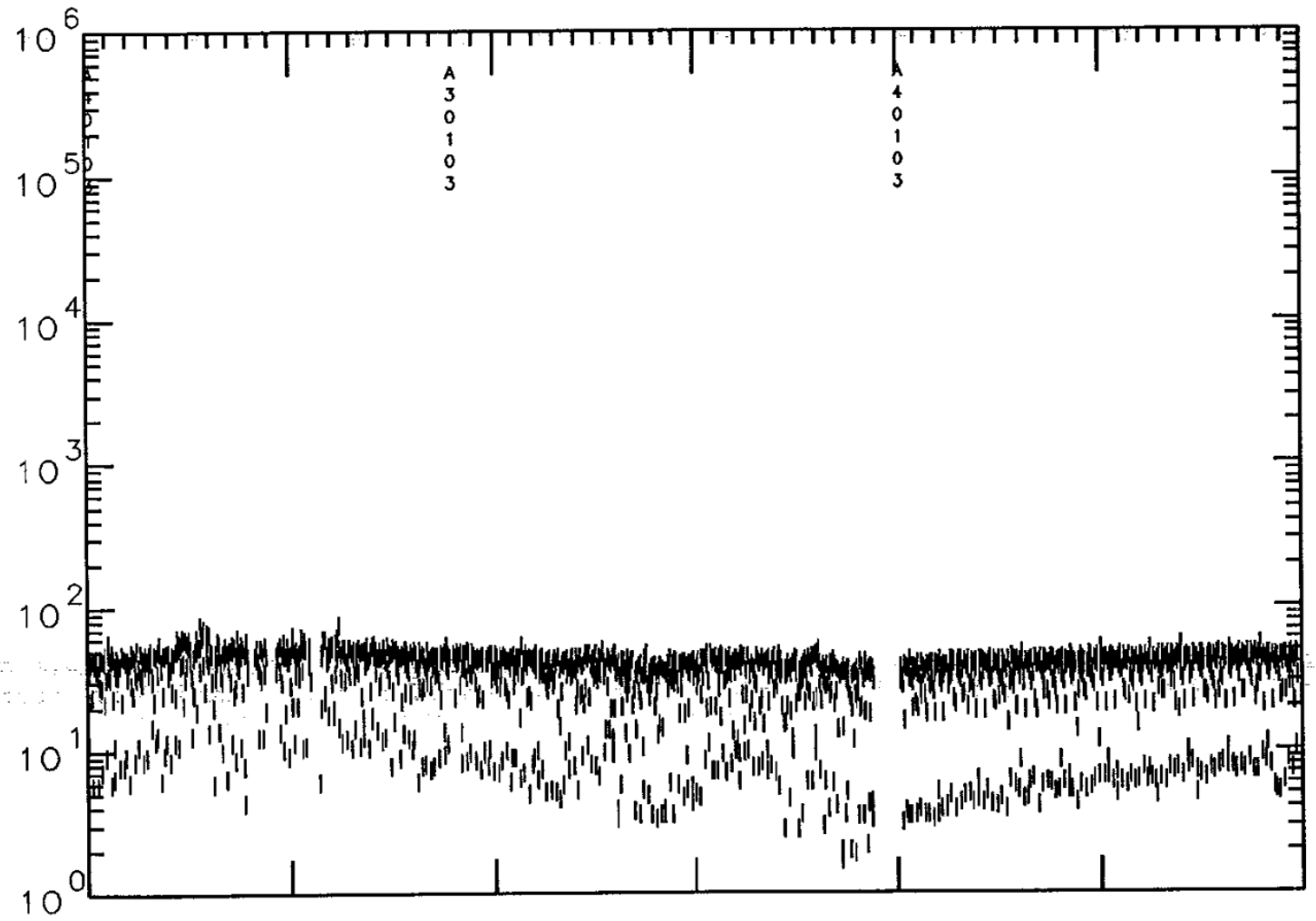
ALT	6393	4069	2149	1331	2129	4039	6361 km
LAT	74	70	46	9	−27	−53	−68 deg
LONG	144	83	52	39	29	16	−5 deg
SZA	77	83	92	105	111	109	105 deg
LST	11.6	15.9	18.1	19.0	19.7	20.5	21.8 hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:46:54

Universal Time, Day 82254

3300	3900	4500	5100	5700	6300	6900	secs
0:55	1: 5	1:15	1:25	1:35	1:45	1:55	hh:mm



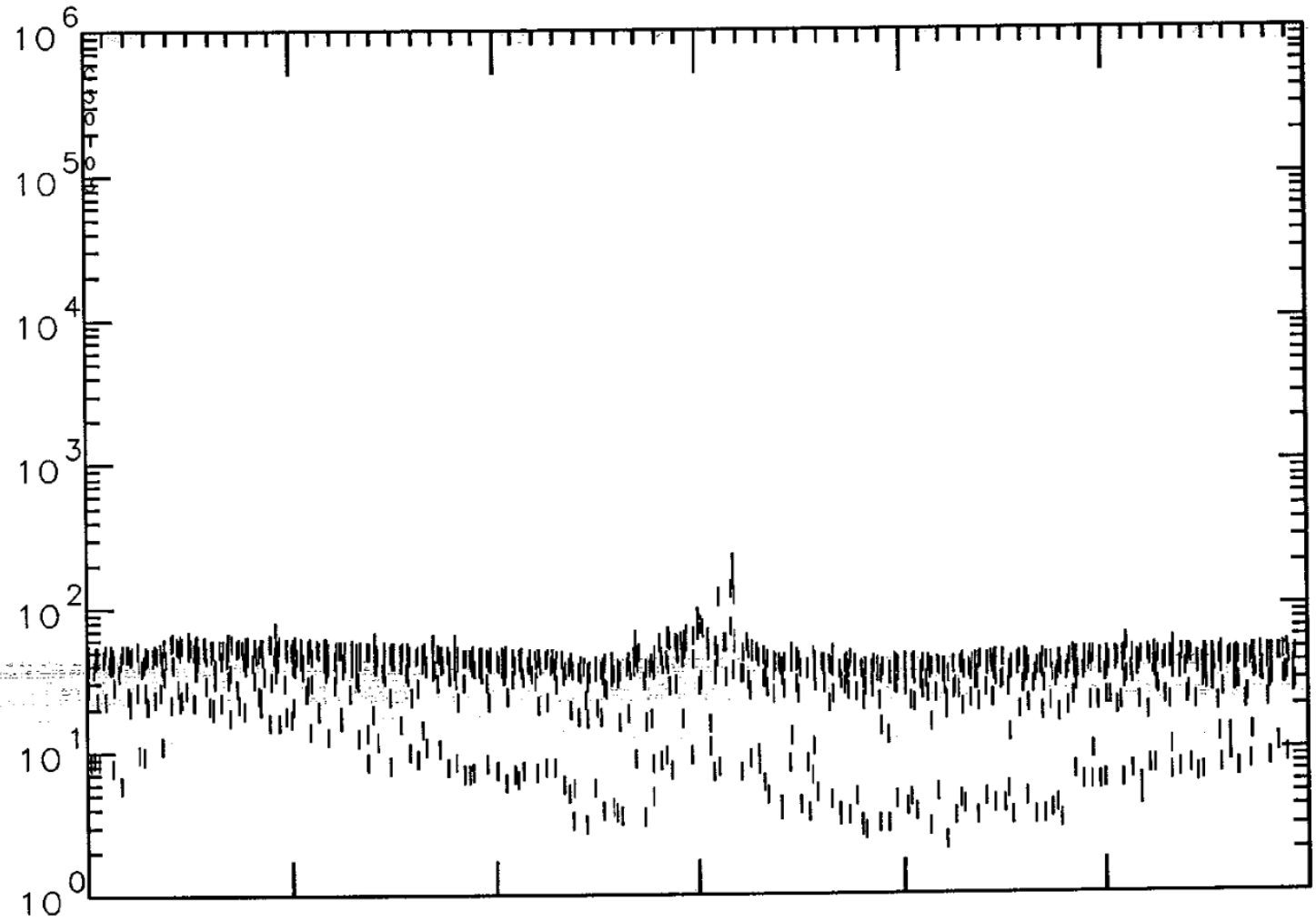
ALT	6334	4015	2113	1332	2167	4094	6420 km
LAT	74	69	46	8	−28	−54	−69 deg
LONG	144	83	53	40	30	17	−4 deg
SZA	77	83	94	107	112	110	105 deg
LST	11.8	16.1	18.2	19.1	19.8	20.6	21.9 hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:53:41

Universal Time, Day 82255

3300	3900	4500	5100	5700	6300	6900	secs
0:55	1: 5	1:15	1:25	1:35	1:45	1:55	hh:mm



Orbit
1376

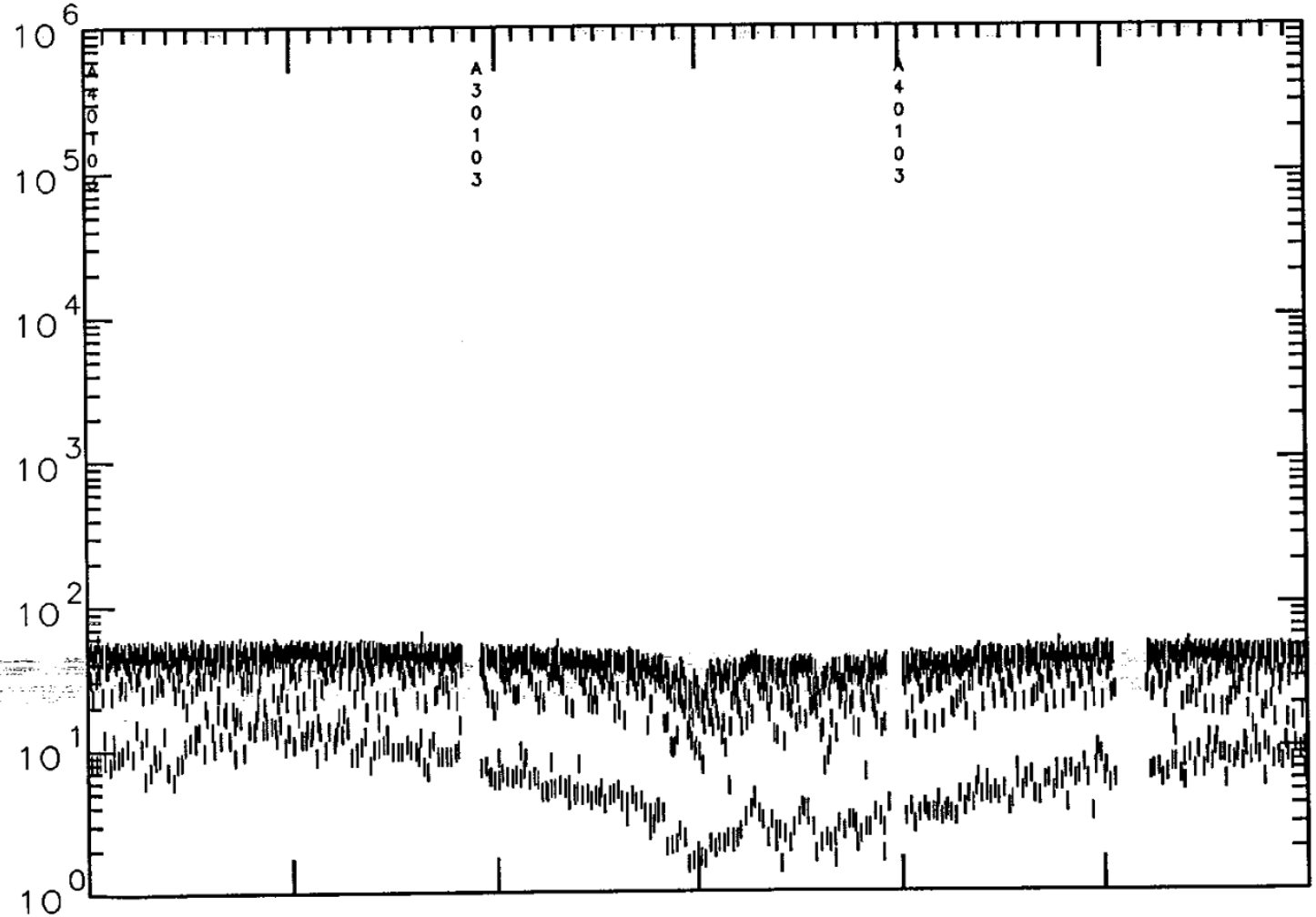
ALT	6278	3963	2079	1334	2204	4146	6477	km
LAT	74	69	45	8	−29	−54	−69	deg
LONG	145	84	55	41	31	18	−3	deg
SZA	77	84	95	108	113	110	106	deg
LST	12.0	16.3	18.3	19.2	19.9	20.8	22.1	hr

Ne hi-res Radial

Plotted:
4-AUG-93
00:58:35

Universal Time, Day 82256

3240	3840	4440	5040	5640	6240	6840	secs
0:54	1: 4	1:14	1:24	1:34	1:44	1:54	hh:mm



N_e (cm^{-3})

Orbit 1377

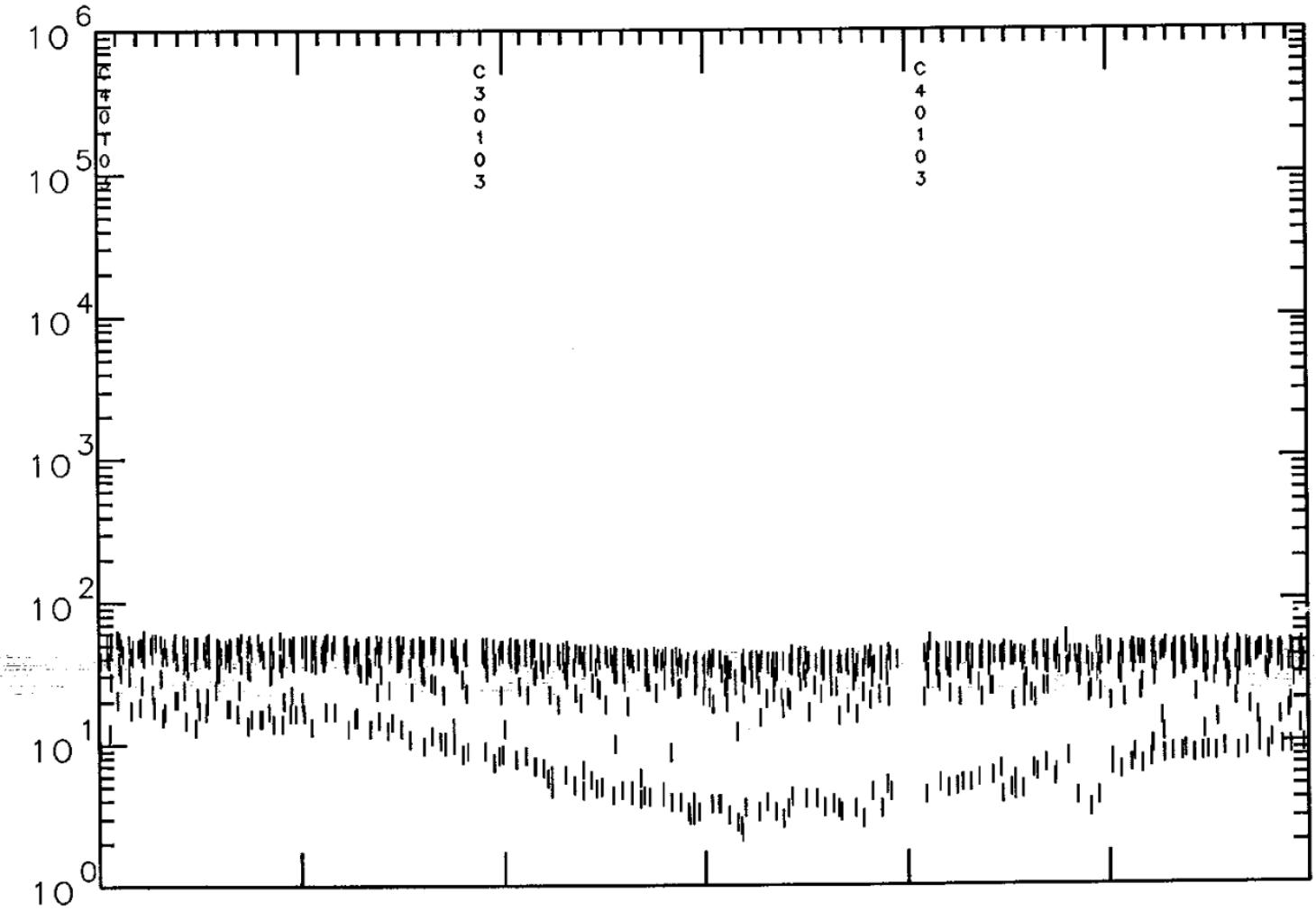
ALT	6462	4133	2195	1335	2089	3977	6293 km
LAT	74	70	47	11	−26	−53	−68 deg
LONG	150	89	57	44	33	21	0 deg
SZA	77	84	95	109	115	111	106 deg
LST	11.9	16.1	18.4	19.3	20.0	20.8	22.1 hr

Ne hi-res Radial

Plotted:
4-AUG-93
09:42:32

Universal Time, Day 82257

3240	3840	4440	5040	5640	6240	6840	secs
0:54	1: 4	1:14	1:24	1:34	1:44	1:54	hh:mm



Orbit
1378

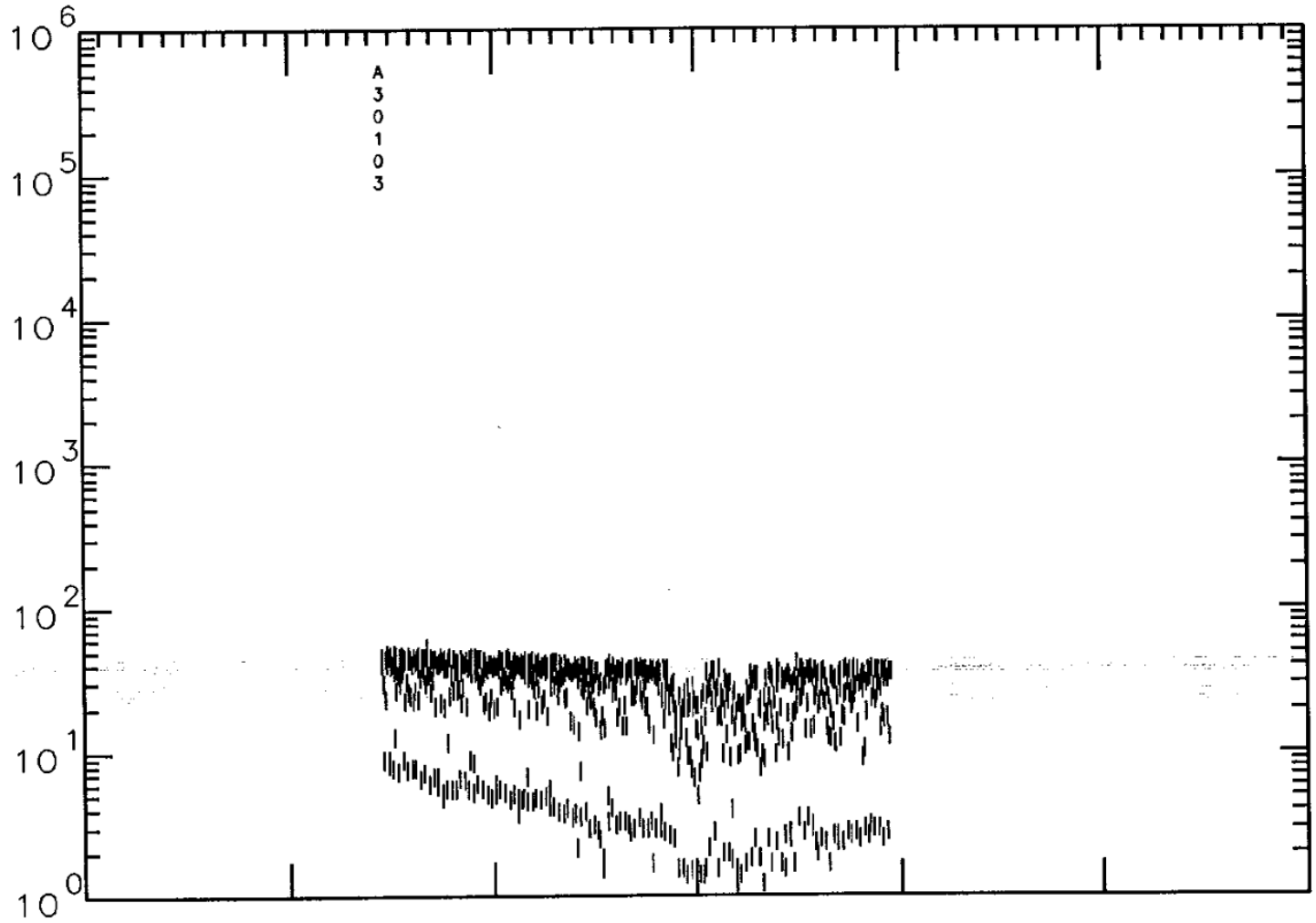
ALT	6409	4084	2162	1336	2123	4027	6346	km
LAT	74	70	47	10	−27	−53	−68	deg
LONG	150	89	59	45	35	22	0	deg
SZA	77	84	97	111	116	112	106	deg
LST	12.0	16.3	18.5	19.4	20.1	20.9	22.2	hr

Ne hi-res Radial

Plotted:
4-AUG-93
09:47:17

Universal Time, Day 82258

3240	3840	4440	5040	5640	6240	6840	secs
0:54	1: 4	1:14	1:24	1:34	1:44	1:54	hh:mm



Orbit
1379

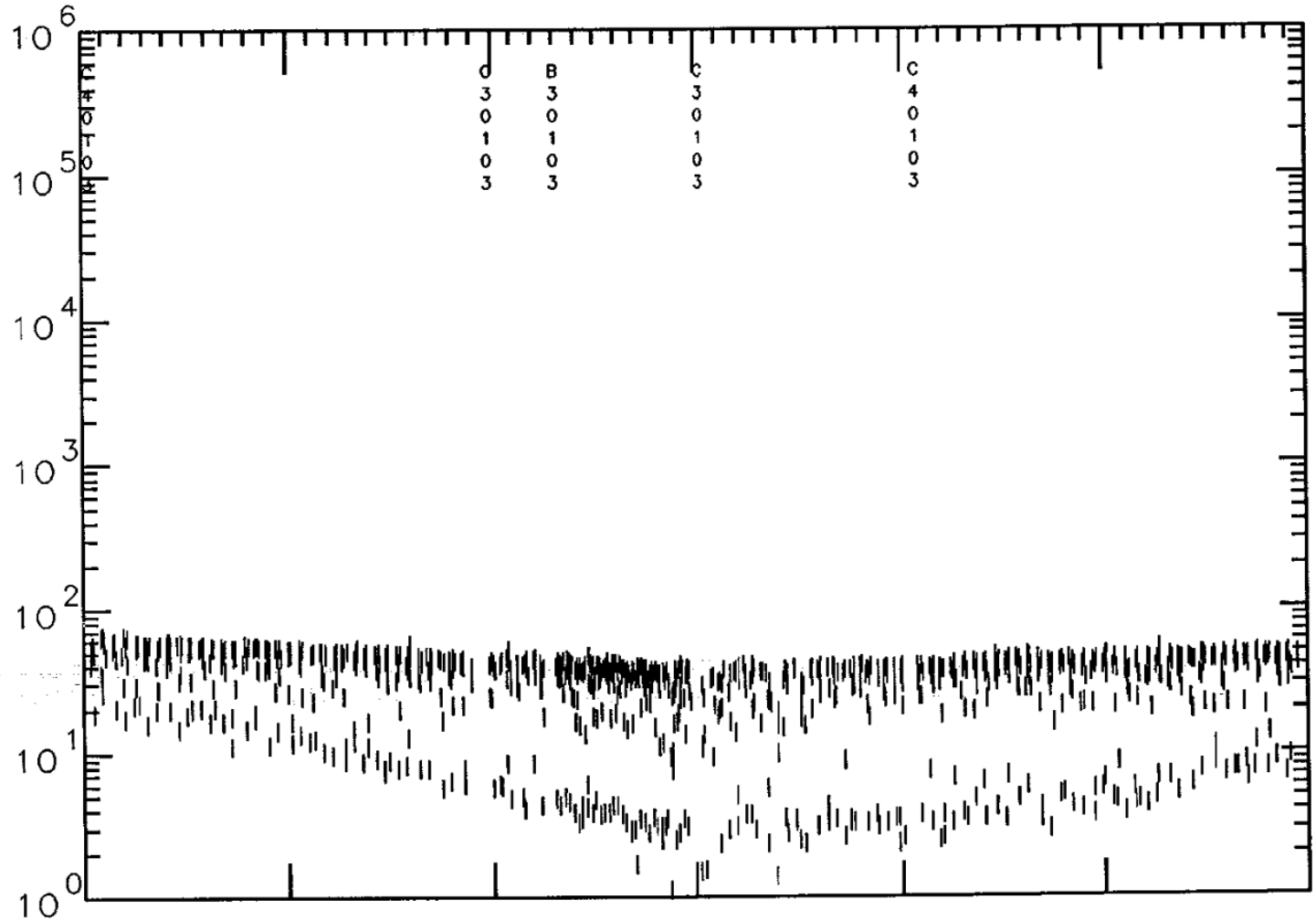
ALT	6357	4037	2131	1337	2157	4075	6398	km
LAT	74	70	46	9	−27	−53	−68	deg
LONG	151	90	60	46	36	23	1	deg
SZA	77	85	98	113	117	113	107	deg
LST	12.2	16.5	18.6	19.5	20.2	21.0	22.4	hr

Ne hi-res Radial

Plotted:
4-AUG-93
09:51:11

Universal Time, Day 82259

3240	3840	4440	5040	5640	6240	6840	secs
0:54	1: 4	1:14	1:24	1:34	1:44	1:54	hh:mm



Orbit
1380

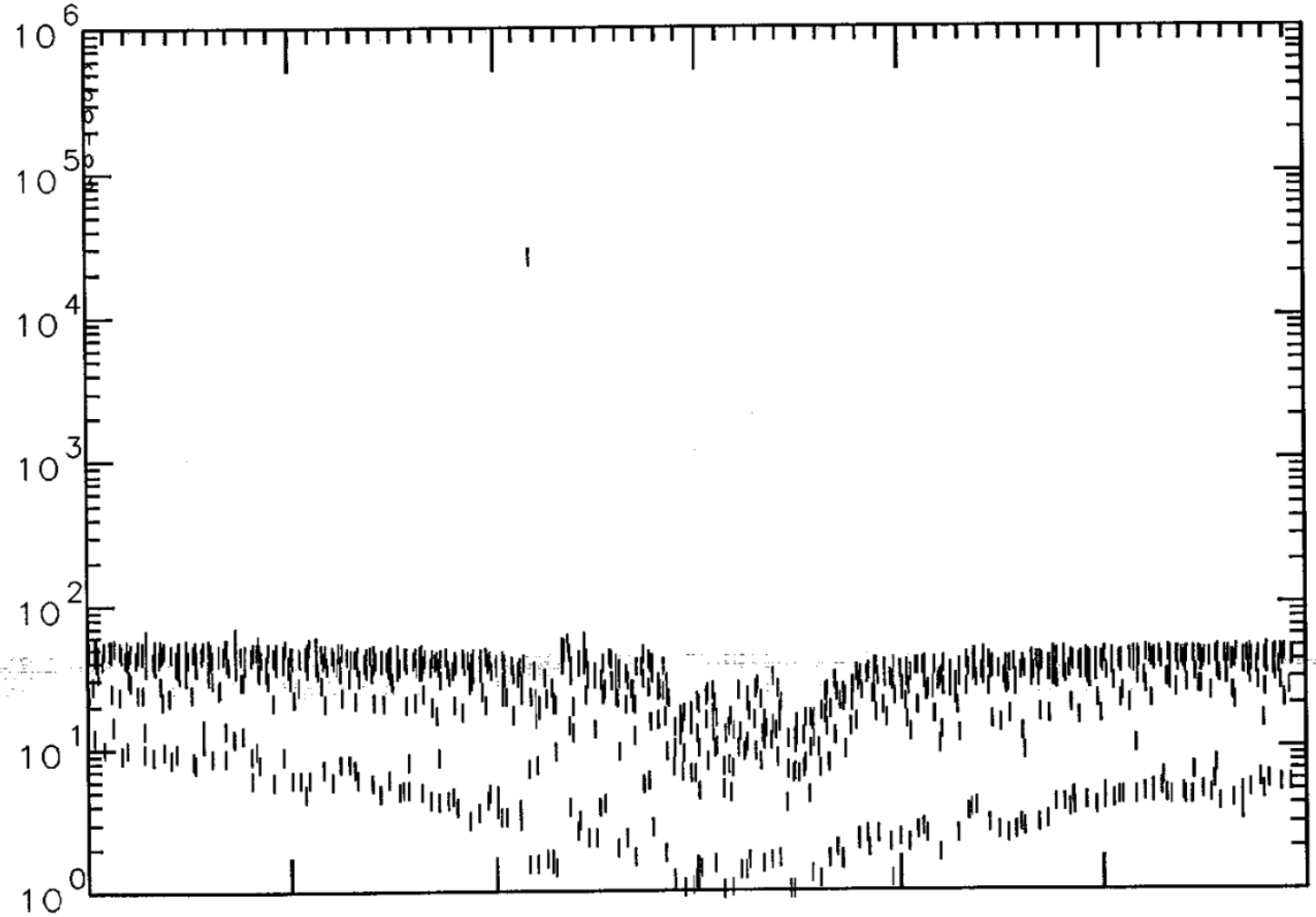
ALT	6307	3992	2102	1340	2190	4122	6448	km
LAT	74	69	45	8	−28	−54	−69	deg
LONG	151	90	61	47	37	24	2	deg
SZA	77	86	100	115	119	113	107	deg
LST	12.4	16.6	18.8	19.7	20.4	21.2	22.5	hr

Ne hi-res Radial

Plotted:
4-AUG-93
09:56:15

Universal Time, Day 82260

3240	3840	4440	5040	5640	6240	6840	secs
0:54	1: 4	1:14	1:24	1:34	1:44	1:54	hh:mm



Orbit
1381

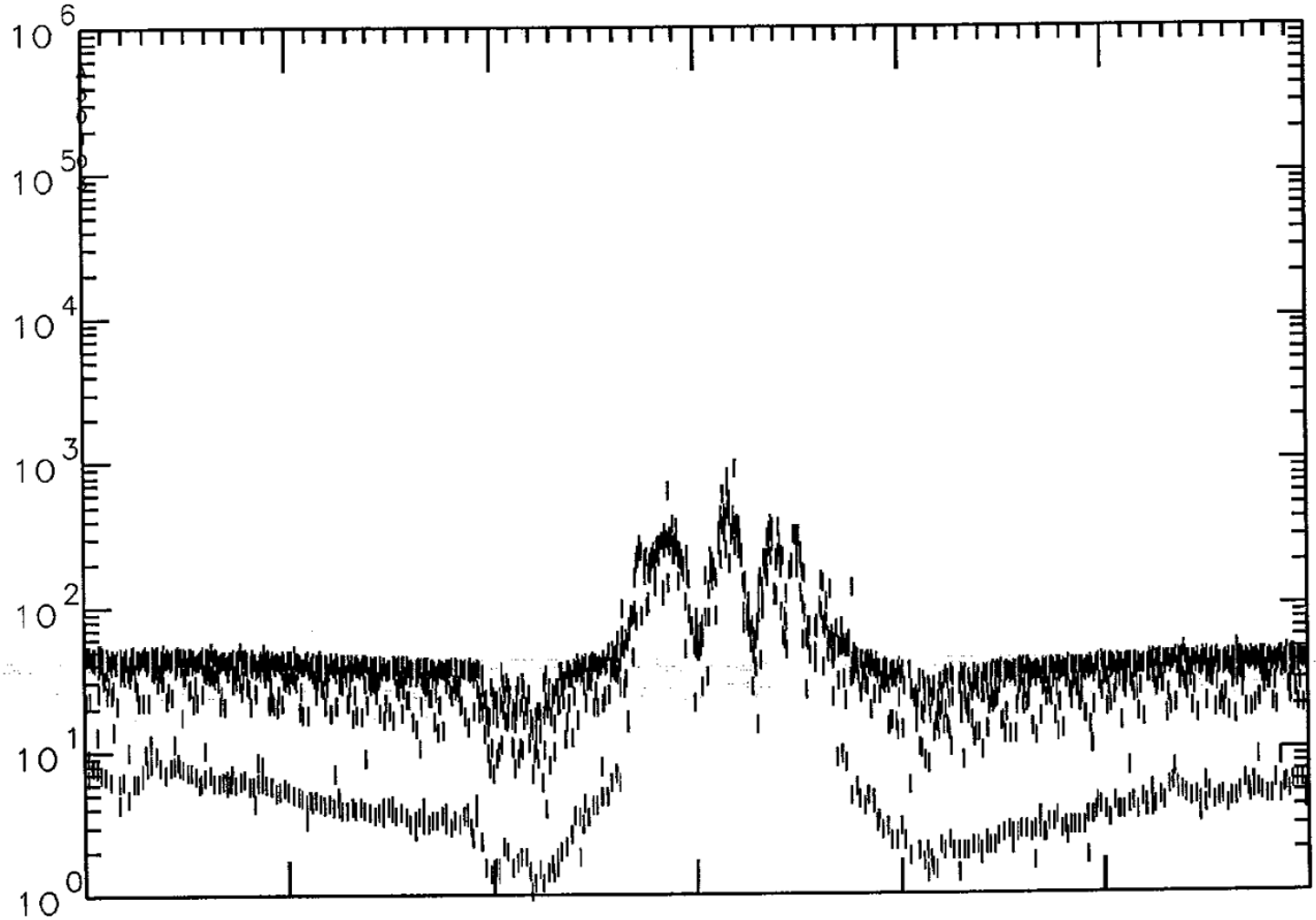
ALT	6260	3949	2074	1343	2223	4167	6497	km
LAT	74	69	45	7	−29	−54	−69	deg
LONG	151	91	62	49	38	25	3	deg
SZA	77	87	101	117	120	114	107	deg
LST	12.6	16.8	18.9	19.8	20.5	21.3	22.7	hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:01:05

Universal Time, Day 82261

3180	3780	4380	4980	5580	6180	6780	secs
0:53	1: 3	1:13	1:23	1:33	1:43	1:53	hh:mm



Orbit
1382

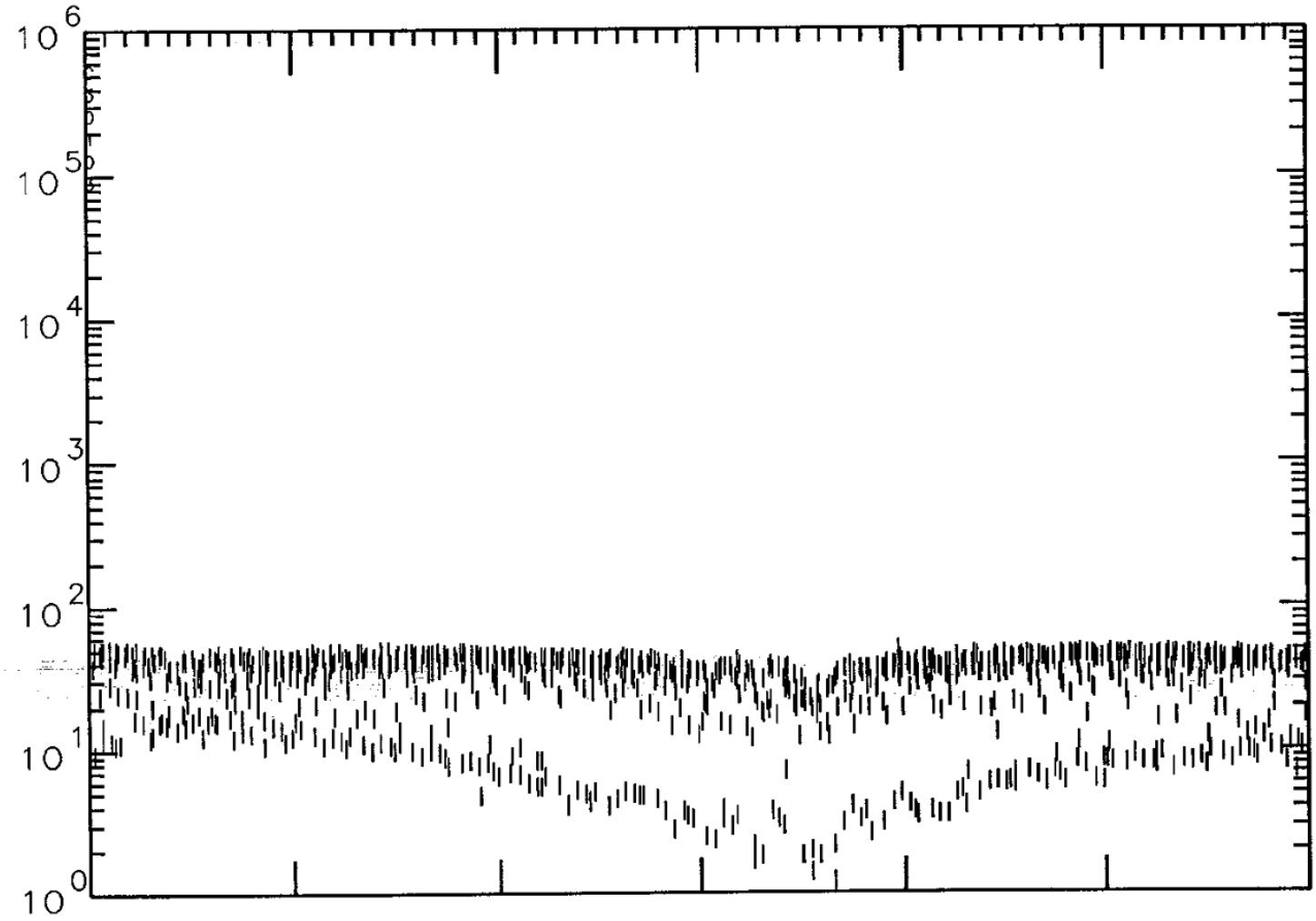
ALT	6453	4127	2196	1344	2102	3990	6304	km
LAT	74	70	47	10	−26	−52	−68	deg
LONG	157	96	65	51	41	28	7	deg
SZA	77	86	101	117	122	115	108	deg
LST	12.4	16.6	18.9	19.8	20.5	21.3	22.6	hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:09:06

Universal Time, Day 82262

3180	3780	4380	4980	5580	6180	6780	secs
0:53	1: 3	1:13	1:23	1:33	1:43	1:53	hh:mm



Orbit
1383

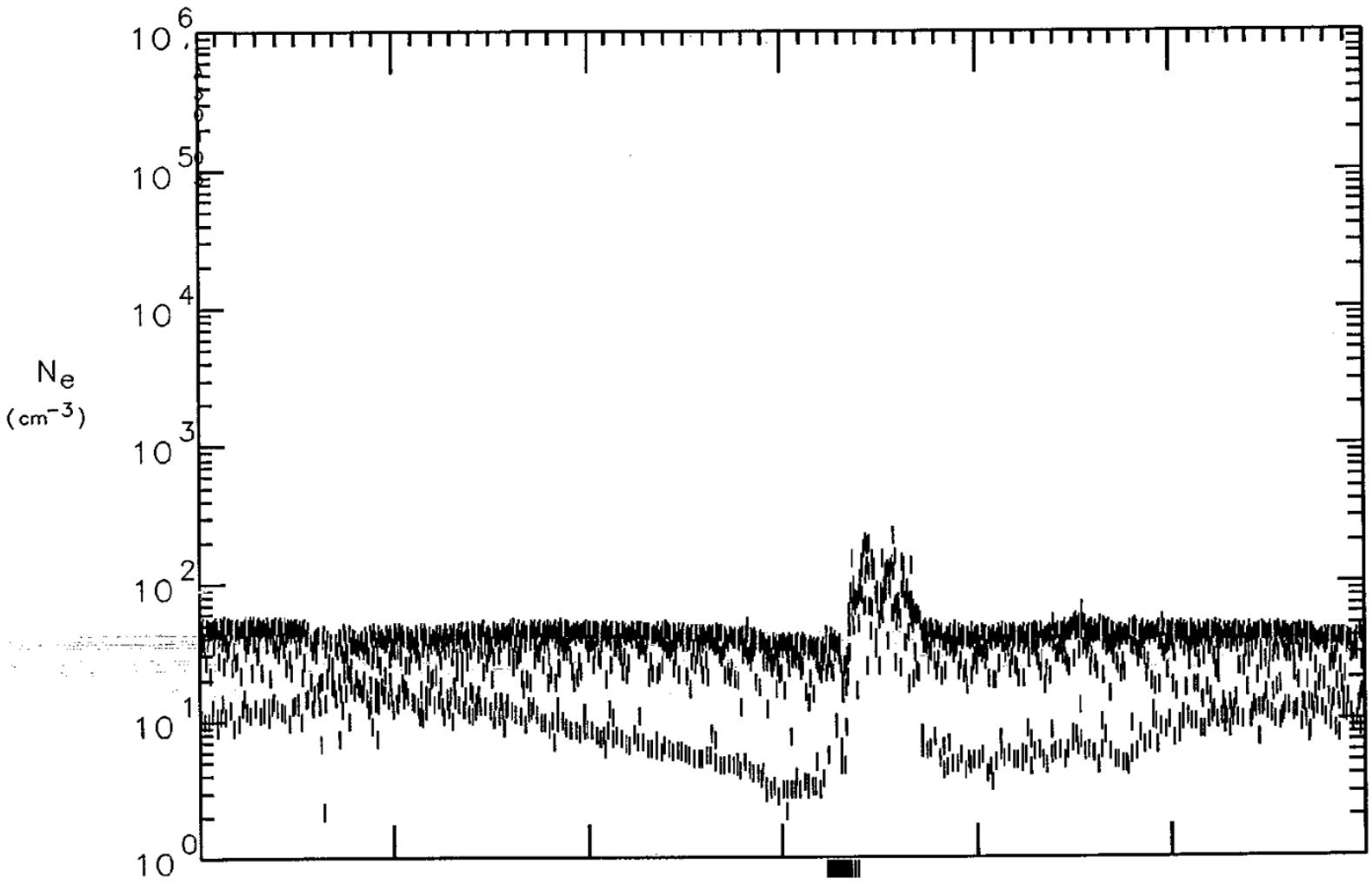
ALT	6409	4088	2169	1345	2131	4032	6348	km
LAT	74	70	46	10	−27	−53	−68	deg
LONG	157	97	66	52	42	29	8	deg
SZA	77	87	102	119	123	116	108	deg
LST	12.6	16.8	19.0	20.0	20.7	21.5	22.8	hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:14:04

Universal Time, Day 82263

3180	3780	4380	4980	5580	6180	6780	secs
0:53	1: 3	1:13	1:23	1:33	1:43	1:53	hh:mm



Orbit
1384

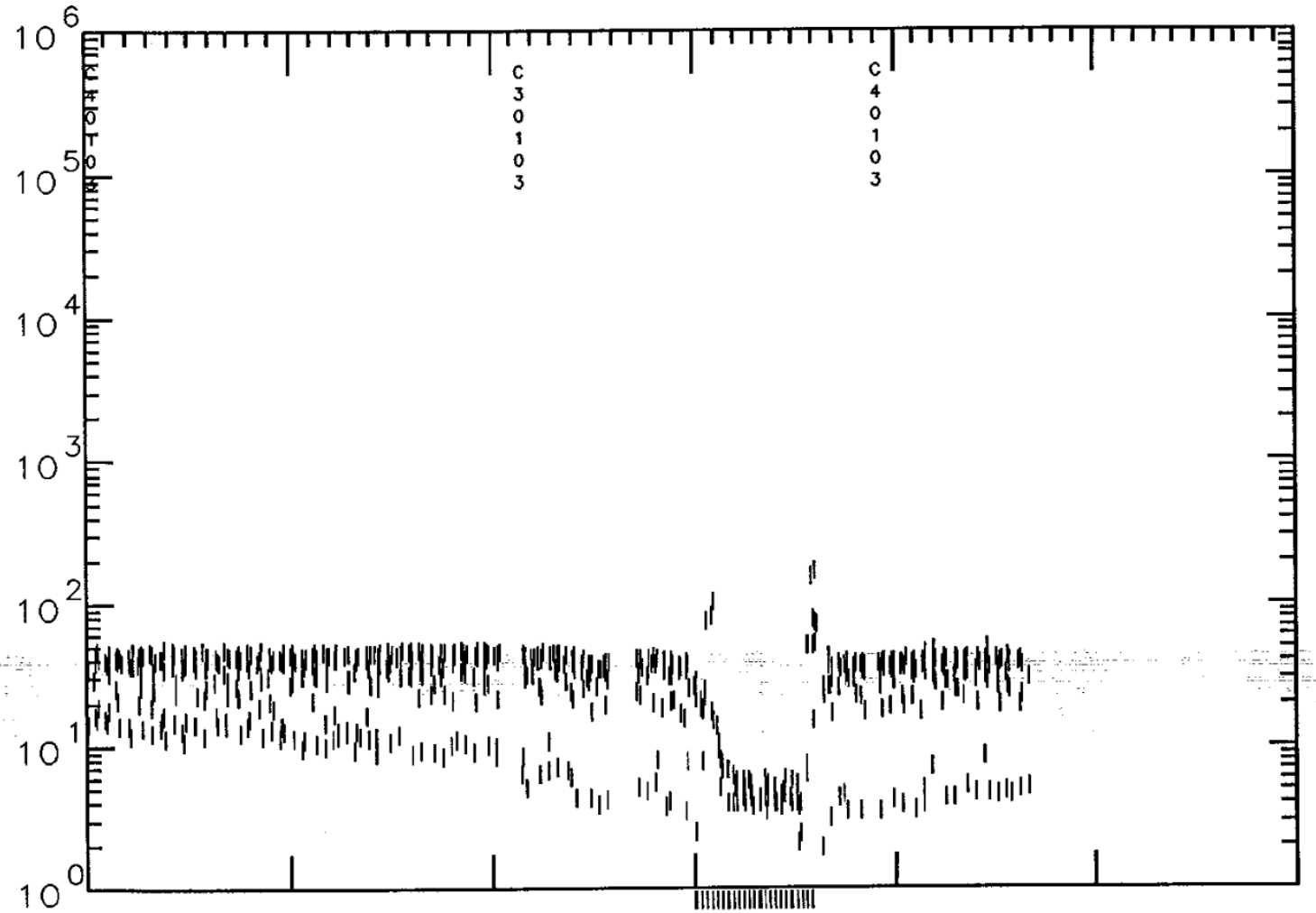
ALT	6367	4050	2145	1348	2159	4071	6390	km
LAT	74	69	46	9	−27	−53	−68	deg
LONG	158	97	67	54	43	30	9	deg
SZA	77	88	104	121	124	116	108	deg
LST	12.8	17.0	19.2	20.1	20.8	21.6	22.9	hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:21:41

Universal Time, Day 82264

3180	3780	4380	4980	5580	6180	6780	secs
0:53	1: 3	1:13	1:23	1:33	1:43	1:53	hh:mm



Orbit
1385

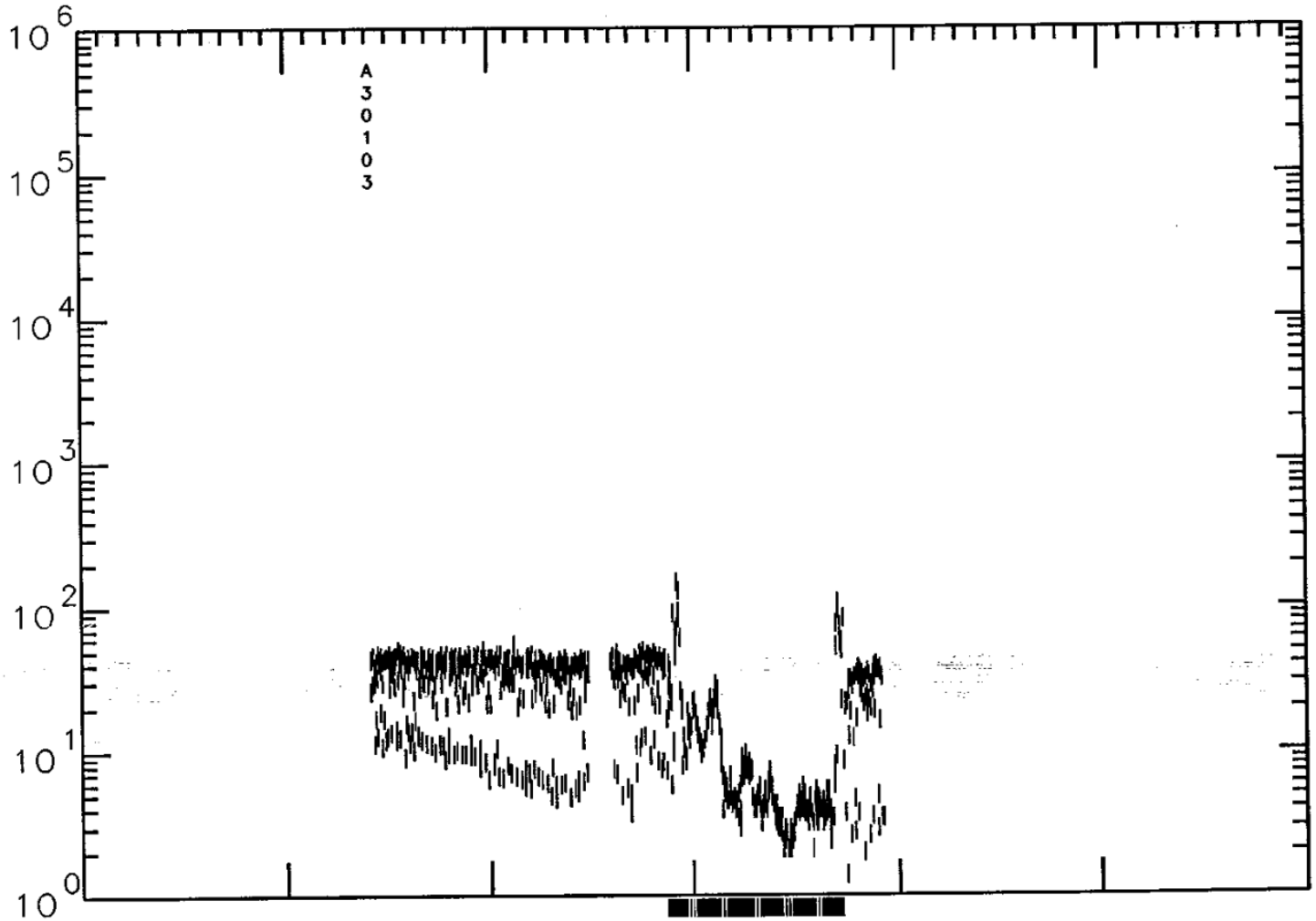
ALT	6330	4017	2124	1351	2185	4106	6427	km
LAT	74	69	45	8	−28	−53	−68	deg
LONG	158	98	68	55	44	31	10	deg
SZA	78	88	105	123	125	117	108	deg
LST	12.9	17.1	19.3	20.2	20.9	21.7	23.0	hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:26:16

Universal Time, Day 82265

3180	3780	4380	4980	5580	6180	6780	secs
0:53	1: 3	1:13	1:23	1:33	1:43	1:53	hh:mm



Orbit
1386

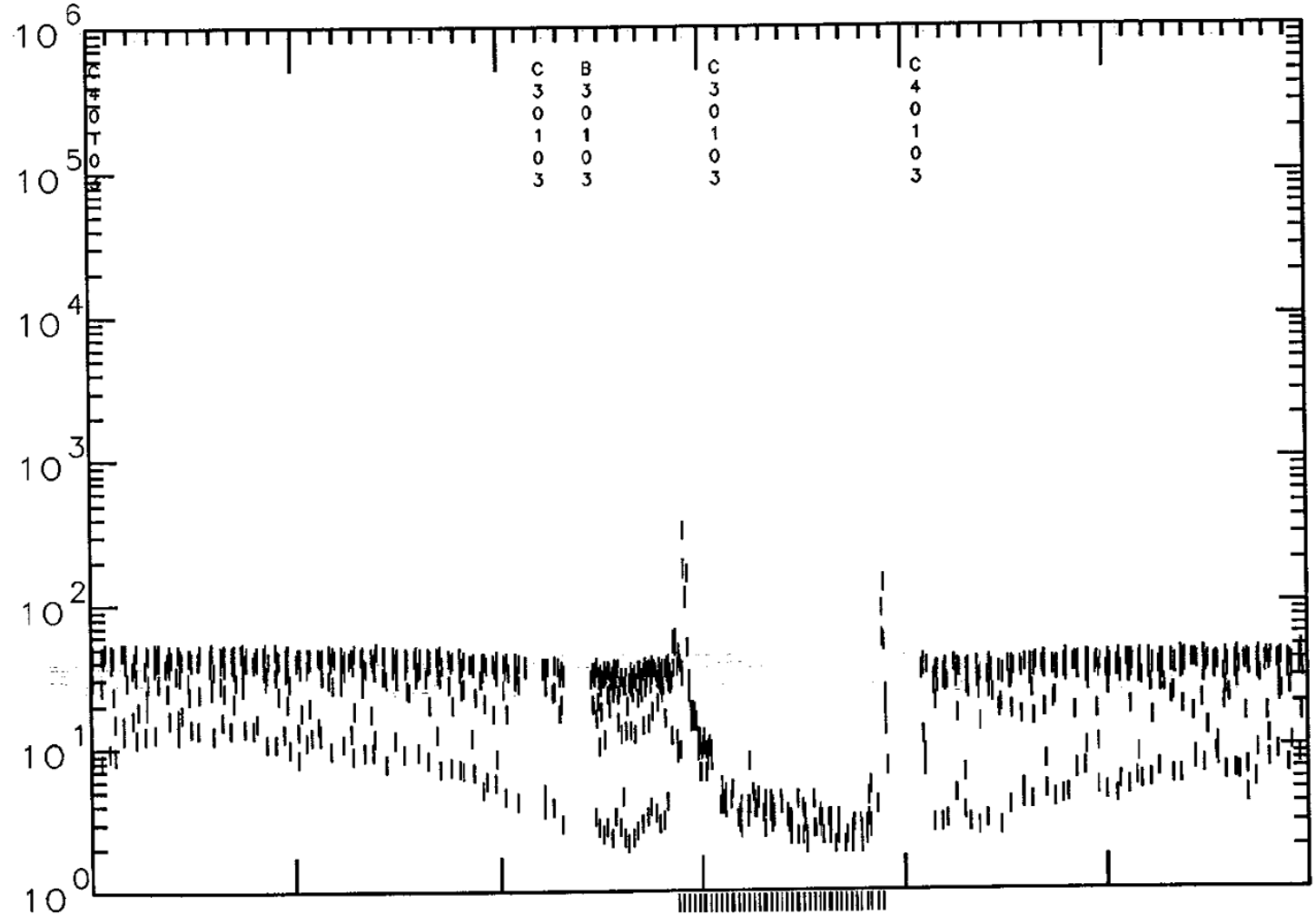
ALT	6294	3984	2103	1354	2210	4141	6465	km
LAT	74	69	45	8	−28	−54	−68	deg
LONG	159	99	70	56	46	33	11	deg
SZA	78	89	106	124	127	117	108	deg
LST	13.1	17.3	19.4	20.3	21.0	21.8	23.2	hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:30:25

Universal Time, Day 82266

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



Orbit
1387

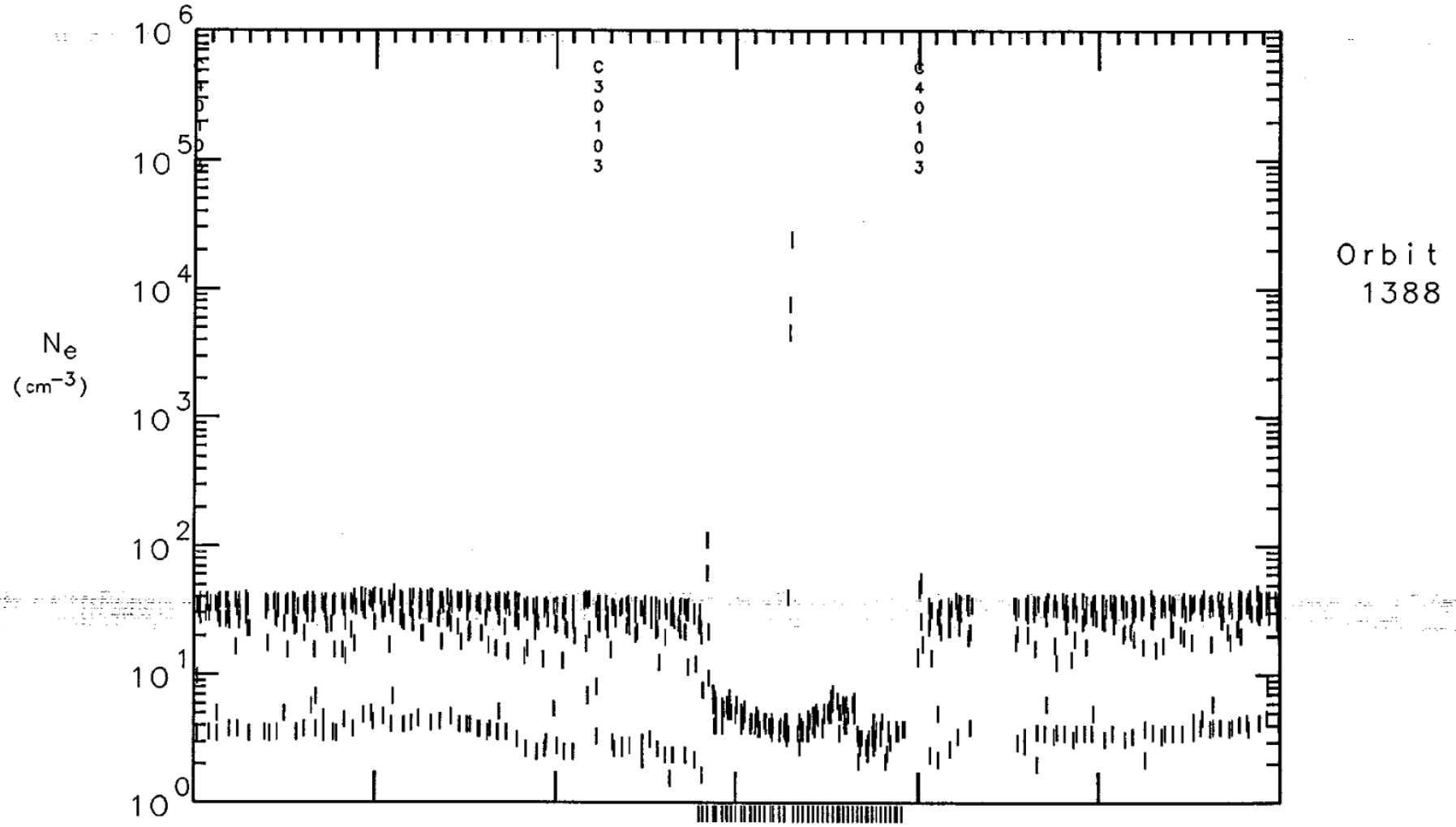
ALT	6498	4173	2234	1358	2085	3955	6261 km
LAT	74	70	48	11	−25	−52	−67 deg
LONG	165	104	73	59	48	35	15 deg
SZA	77	89	106	125	128	119	109 deg
LST	12.9	17.1	19.4	20.4	21.1	21.9	23.1 hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:35:38

Universal Time, Day 82267

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



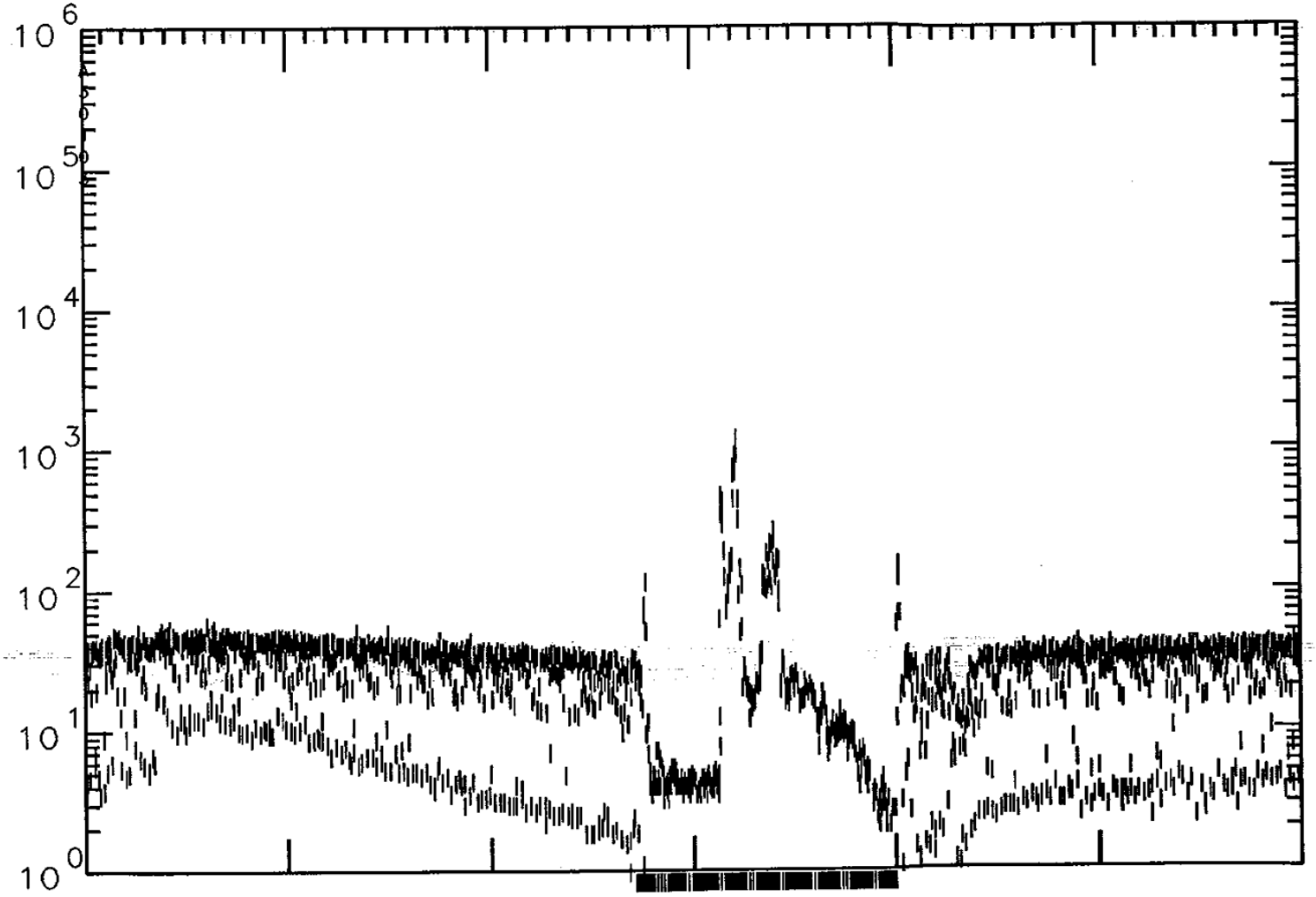
ALT	6466	4144	2215	1359	2107	3986	6294	km
LAT	74	70	47	11	−26	−52	−68	deg
LONG	166	105	74	60	49	37	16	deg
SZA	77	89	107	127	130	119	109	deg
LST	13.1	17.3	19.5	20.5	21.2	22.0	23.3	hr

Ne hi-res Radial

Plotted:
4-AUG-93
10:40:30

Universal Time, Day 82268

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



Orbit
1389

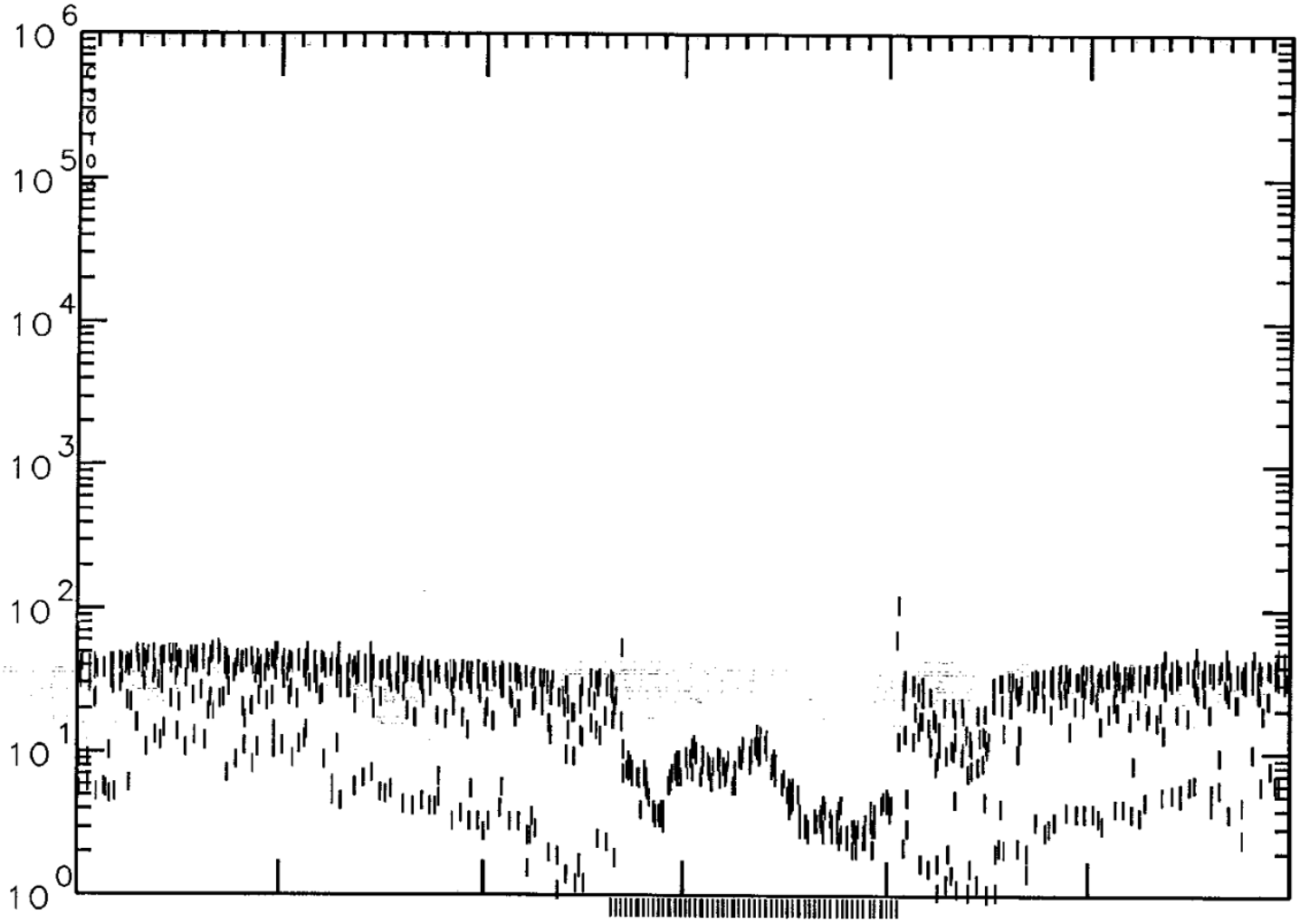
ALT	6436	4118	2198	1362	2128	4014	6324	km
LAT	74	70	47	10	−26	−52	−68	deg
LONG	166	106	75	61	51	38	17	deg
SZA	78	90	108	128	131	120	109	deg
LST	13.3	17.4	19.7	20.6	21.3	22.1	23.4	hr

Ne hi-res Radial

Universal Time, Day 82269

Plotted:
4-AUG-93
10:48:25

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



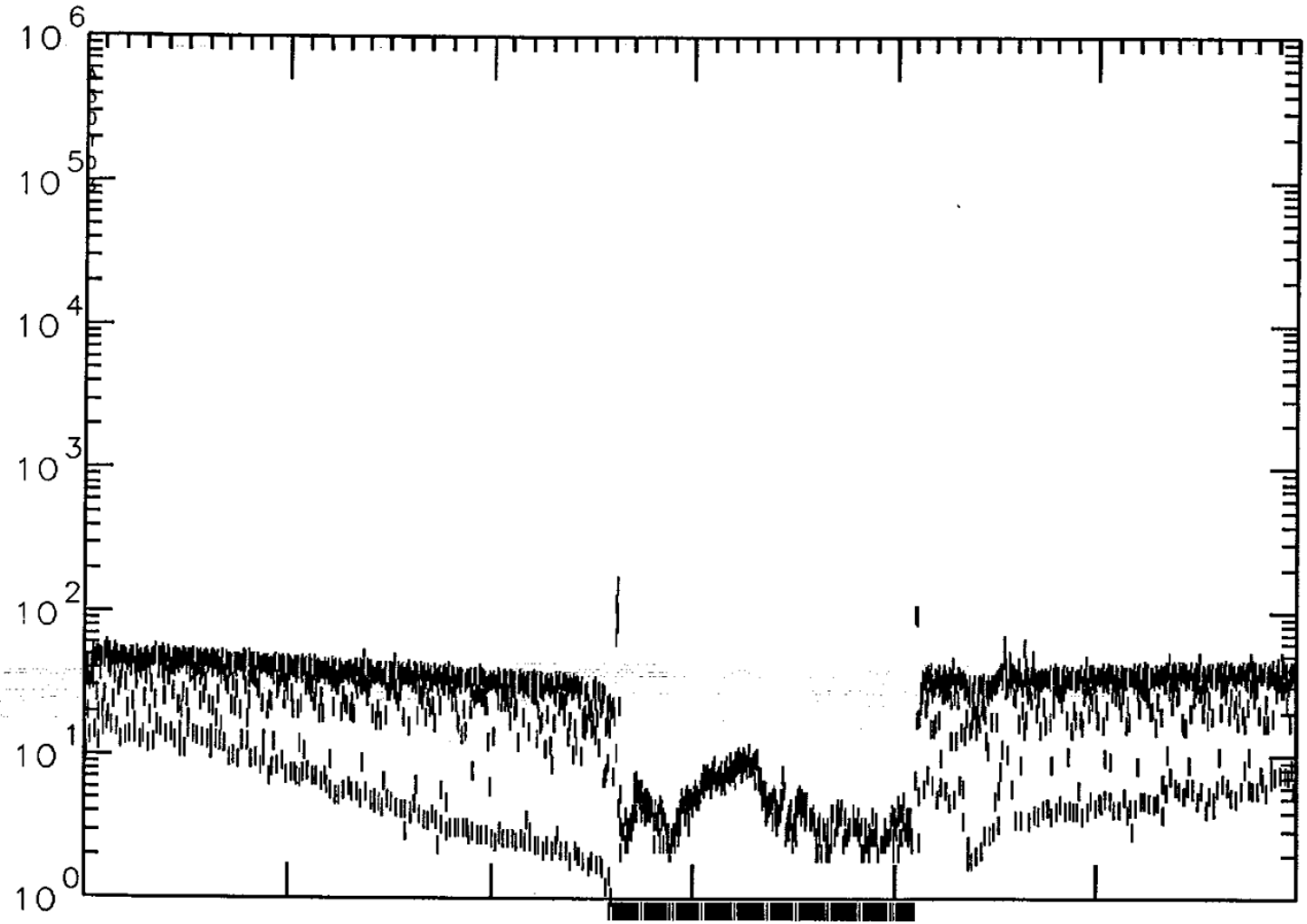
ALT	6409	4093	2183	1364	2147	4041	6352 km
LAT	74	69	46	10	−27	−53	−68 deg
LONG	167	107	76	63	52	39	18 deg
SZA	78	91	110	130	132	120	109 deg
LST	13.4	17.6	19.8	20.7	21.4	22.2	23.5 hr

Ne hi-res Radial

Universal Time, Day 82270

Plotted:
4-AUG-93
10:53:30

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



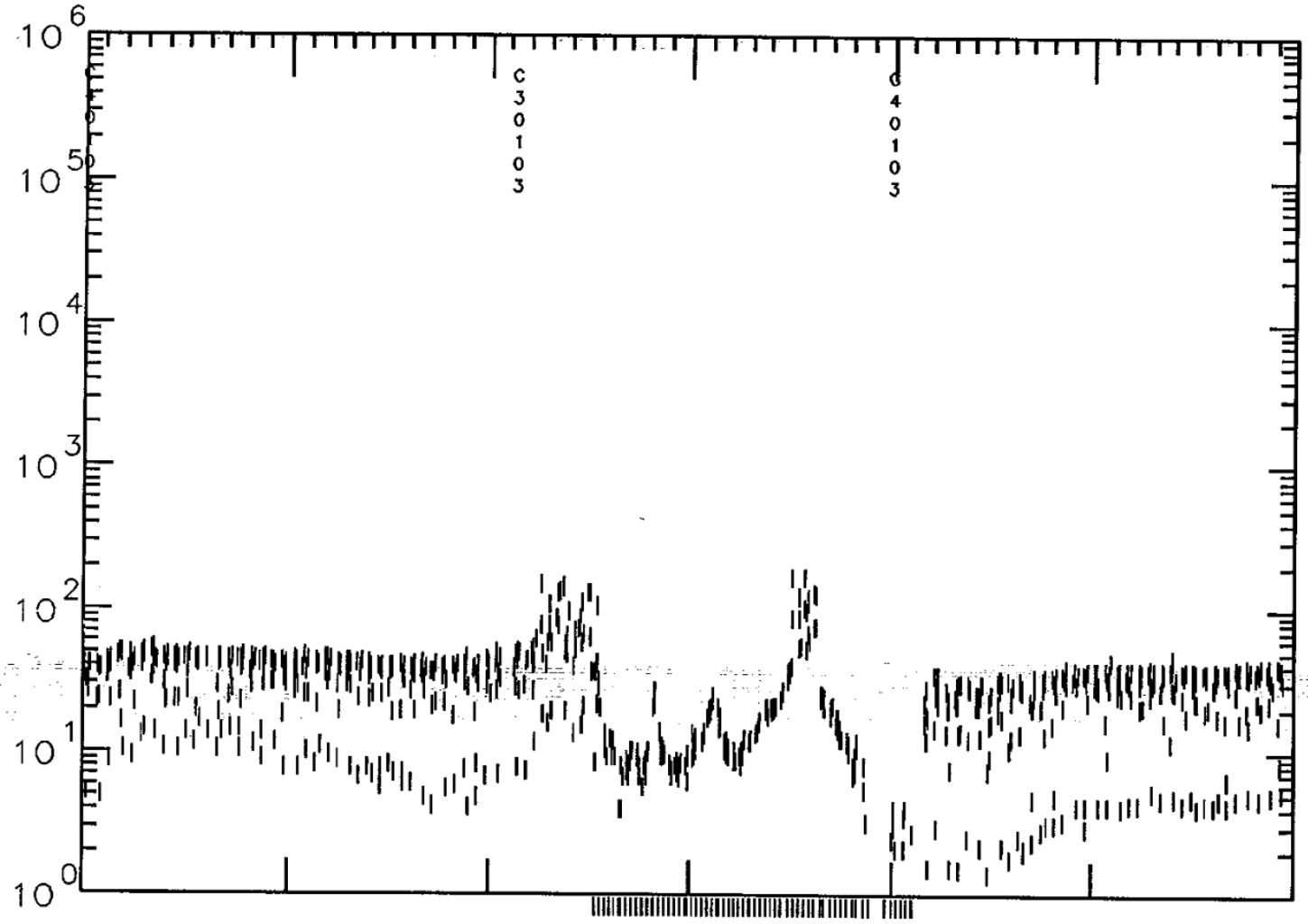
ALT	6384	4071	2169	1367	2165	4065	6377 km
LAT	74	69	46	9	−27	−53	−68 deg
LONG	168	108	78	64	53	40	19 deg
SZA	78	91	111	132	133	120	109 deg
LST	13.6	17.7	19.9	20.8	21.5	22.4	23.7 hr

Ne hi-res Radial

Universal Time, Day 82271

Plotted:
4-AUG-93
11:01:35

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



Orbit
1392

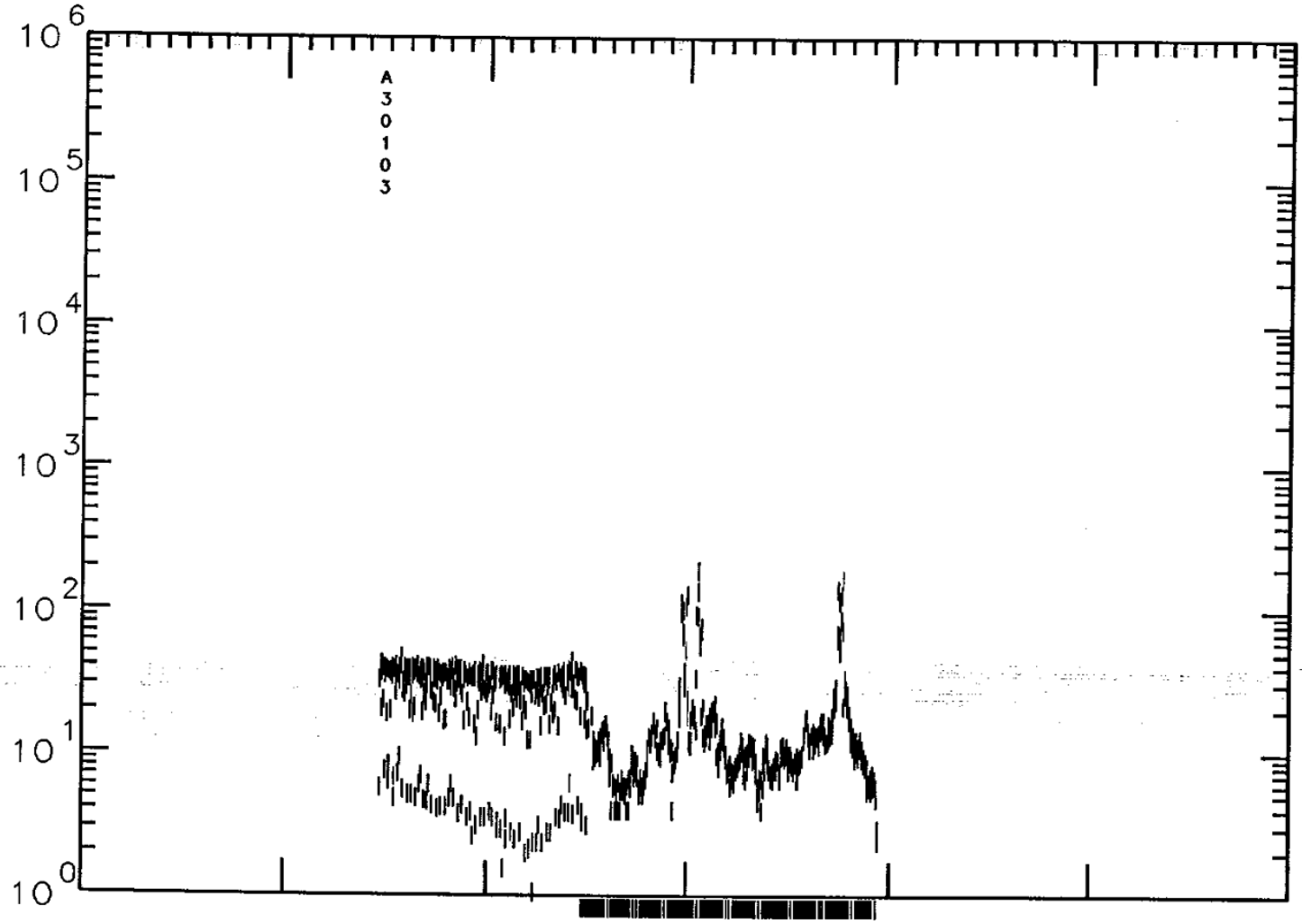
ALT	6362	4052	2158	1370	2182	4087	6400	km
LAT	74	69	46	9	−27	−53	−68	deg
LONG	169	109	79	65	55	42	20	deg
SZA	79	92	112	134	134	121	109	deg
LST	13.7	17.9	20.0	21.0	21.6	22.5	23.8	hr

Ne hi-res Radial

Universal Time, Day 82272

Plotted:
4-AUG-93
11:06:29

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



Orbit
1393

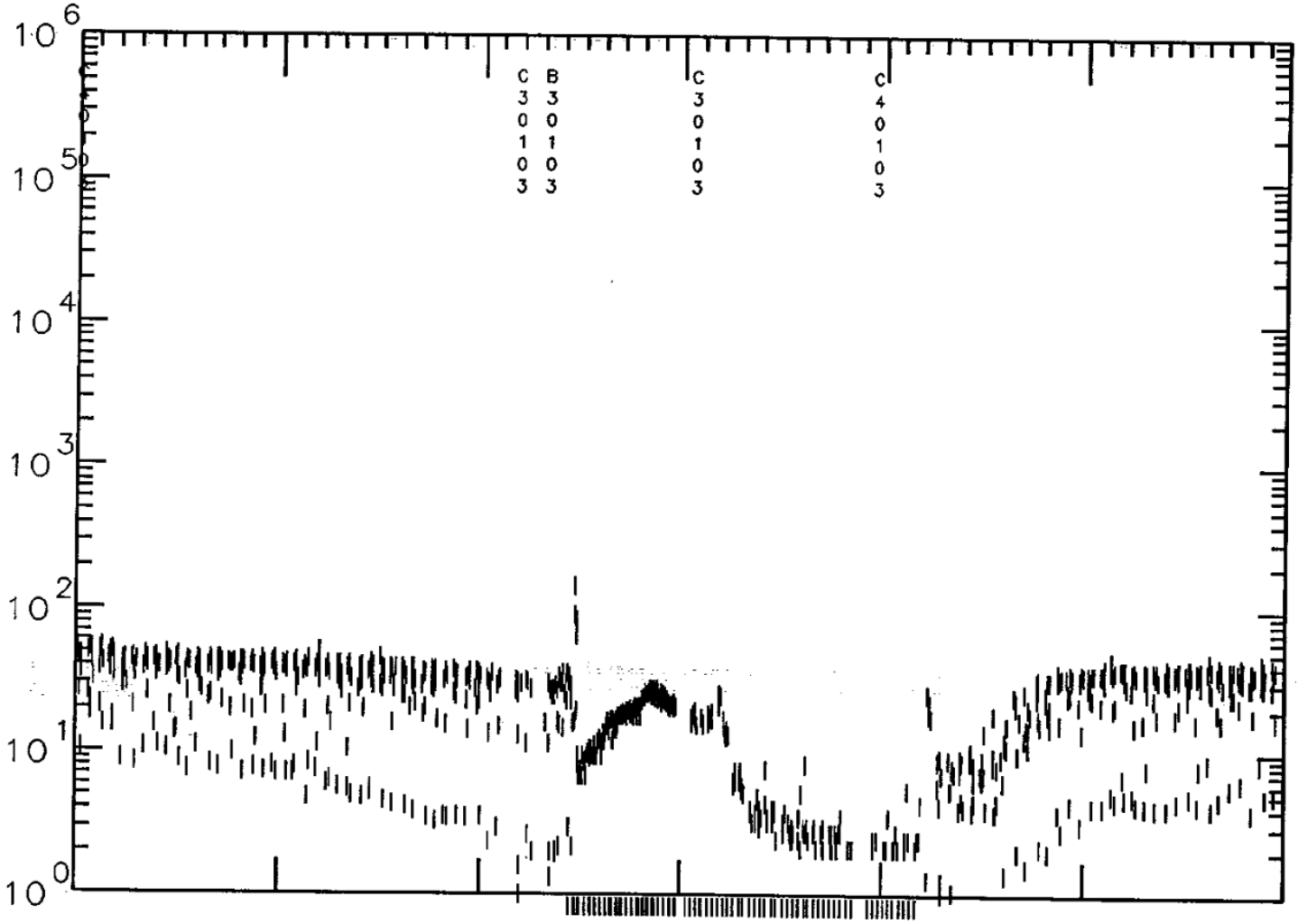
ALT	6342	4035	2148	1374	2197	4107	6421	km
LAT	74	69	45	9	−27	−53	−68	deg
LONG	169	110	80	67	56	43	22	deg
SZA	79	93	113	135	135	121	109	deg
LST	13.9	18.0	20.1	21.1	21.8	22.6	23.9	hr

Ne hi-res Radial

Universal Time, Day 82273

Plotted:
4-AUG-93
11:10:40

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



Orbit
1394

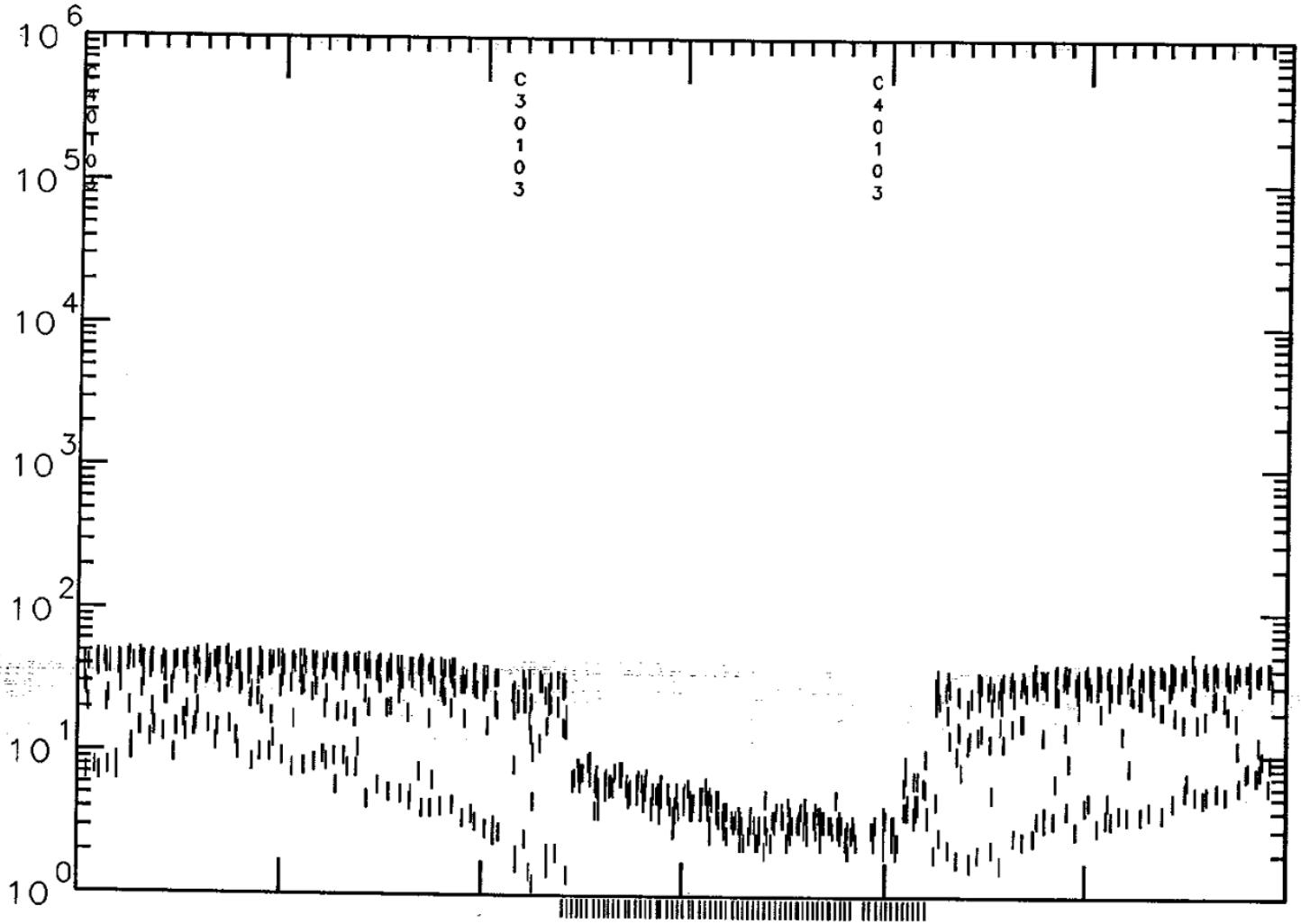
ALT	6324	4020	2139	1377	2211	4125	6439	km
LAT	74	69	45	8	−28	−53	−68	deg
LONG	170	111	82	68	58	44	23	deg
SZA	79	93	115	137	137	121	109	deg
LST	14.0	18.1	20.3	21.2	21.9	22.7	0.0	hr

Ne hi-res Radial

Universal Time, Day 82274

Plotted:
4-AUG-93
11:15:45

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



N_e (cm^{-3})

Orbit 1395

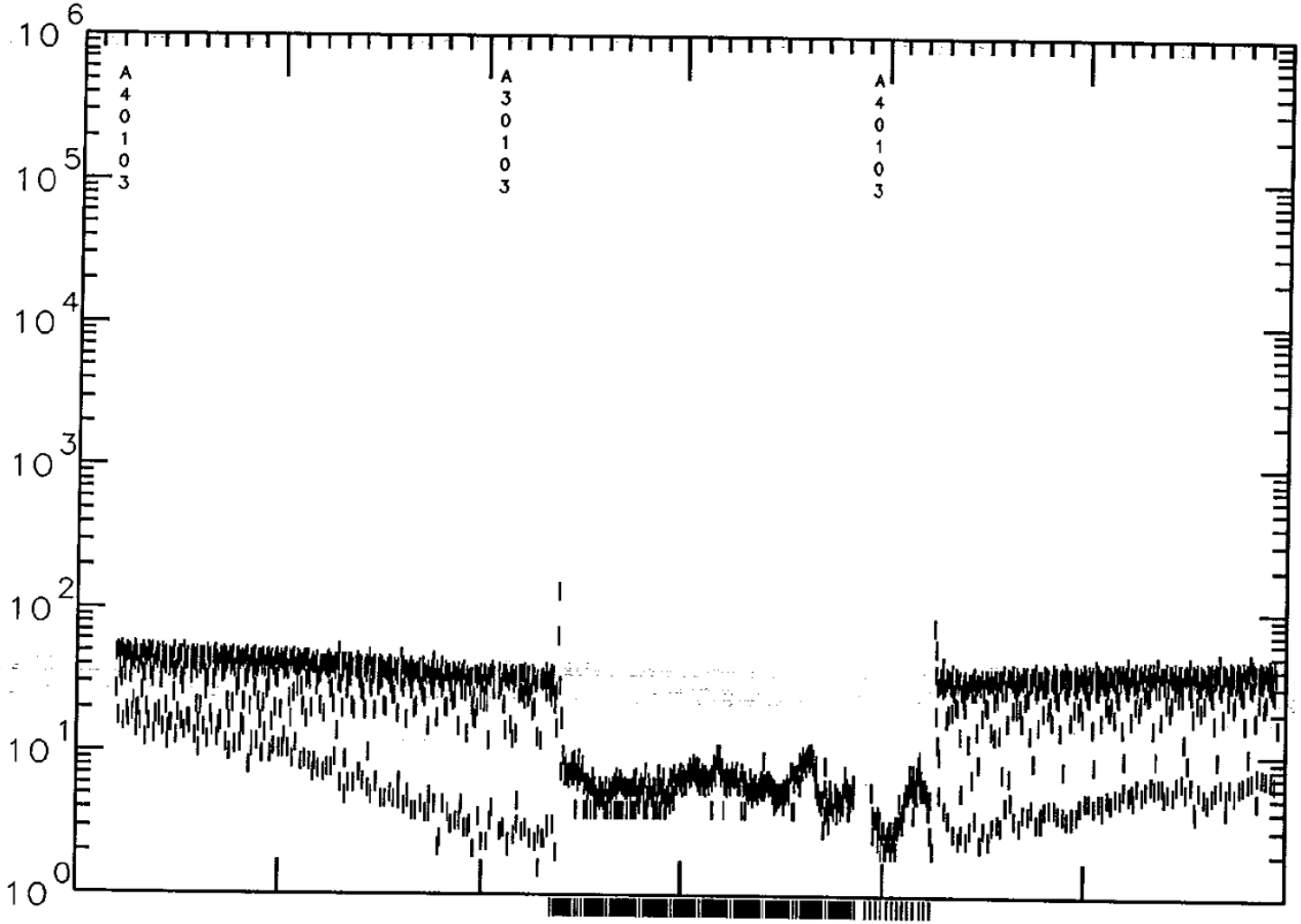
ALT	6309	4007	2132	1381	2223	4140	6454	km
LAT	74	69	45	8	−28	−53	−68	deg
LONG	171	112	83	70	59	46	24	deg
SZA	80	94	116	139	138	122	109	deg
LST	14.2	18.3	20.4	21.3	22.0	22.8	0.2	hr

Ne hi-res Radial

Universal Time, Day 82275

Plotted:
4-AUG-93
11:20:36

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



Orbit
1396

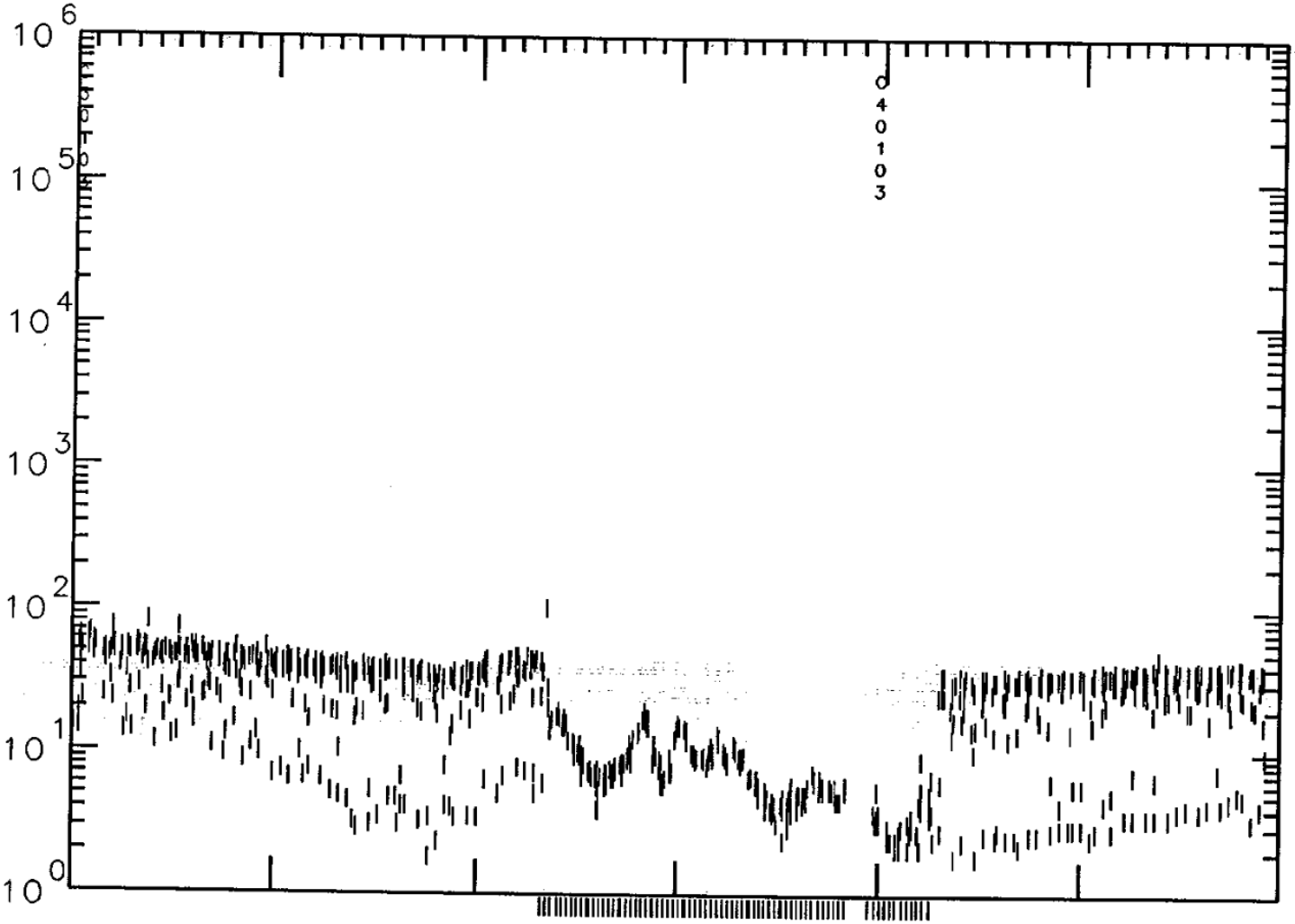
ALT	6297	3997	2127	1384	2234	4154	6468 km
LAT	74	68	45	8	−28	−53	−68 deg
LONG	172	114	85	71	60	47	25 deg
SZA	80	95	117	140	139	122	108 deg
LST	14.3	18.4	20.5	21.4	22.1	22.9	0.3 hr

Ne hi-res Radial

Universal Time, Day 82276

Plotted:
4-AUG-93
11:26:33

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



N_e
(cm^{-3})

Orbit
1397

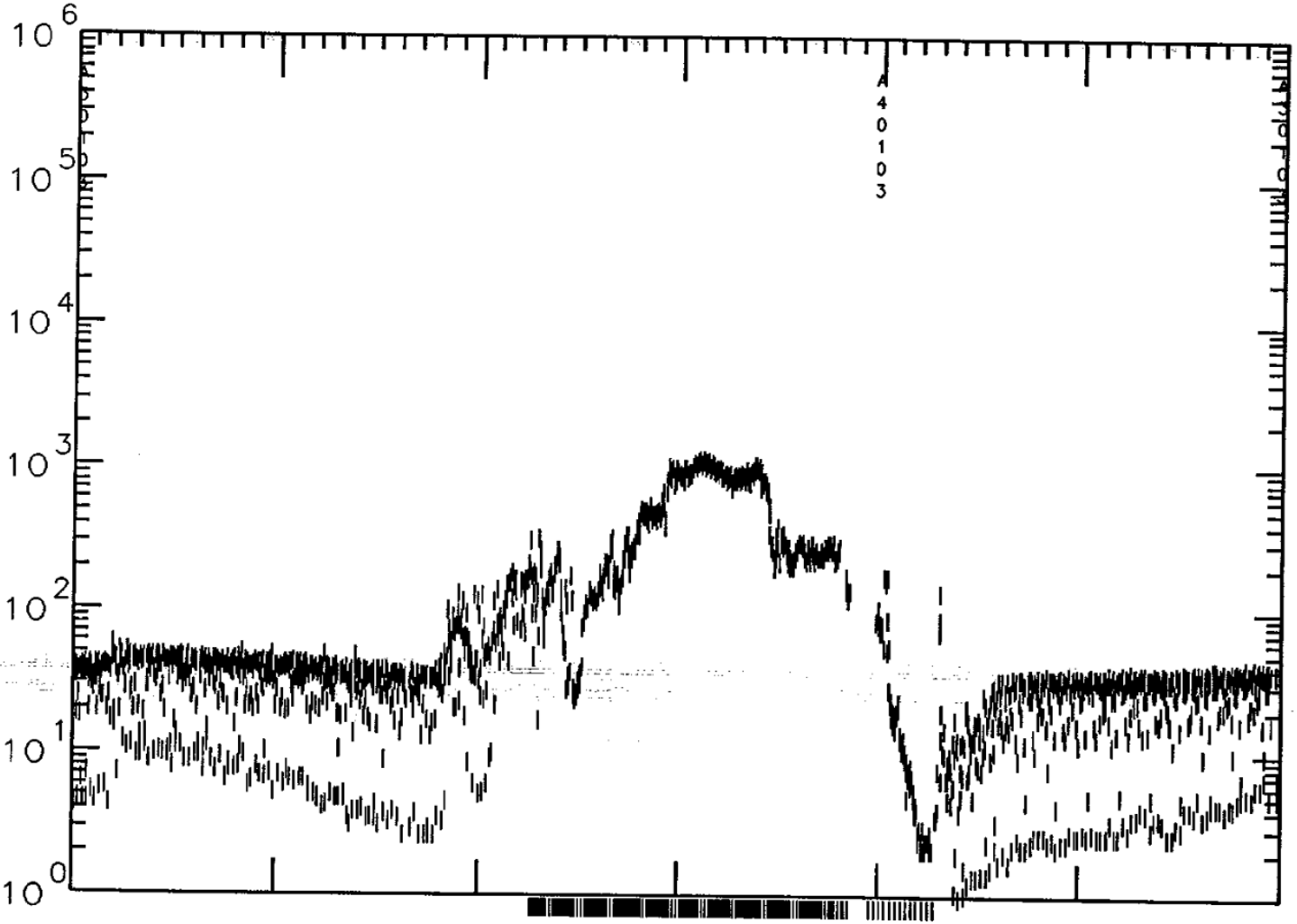
ALT	6286	3988	2124	1388	2244	4165	6479	km
LAT	74	68	44	8	−28	−53	−68	deg
LONG	173	115	86	72	62	48	27	deg
SZA	80	95	118	142	140	122	108	deg
LST	14.4	18.5	20.6	21.5	22.2	23.1	0.4	hr

Ne hi-res Radial

Universal Time, Day 82277

Plotted:
4-AUG-93
11:31:33

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



N_e
(cm^{-3})

Orbit
1398

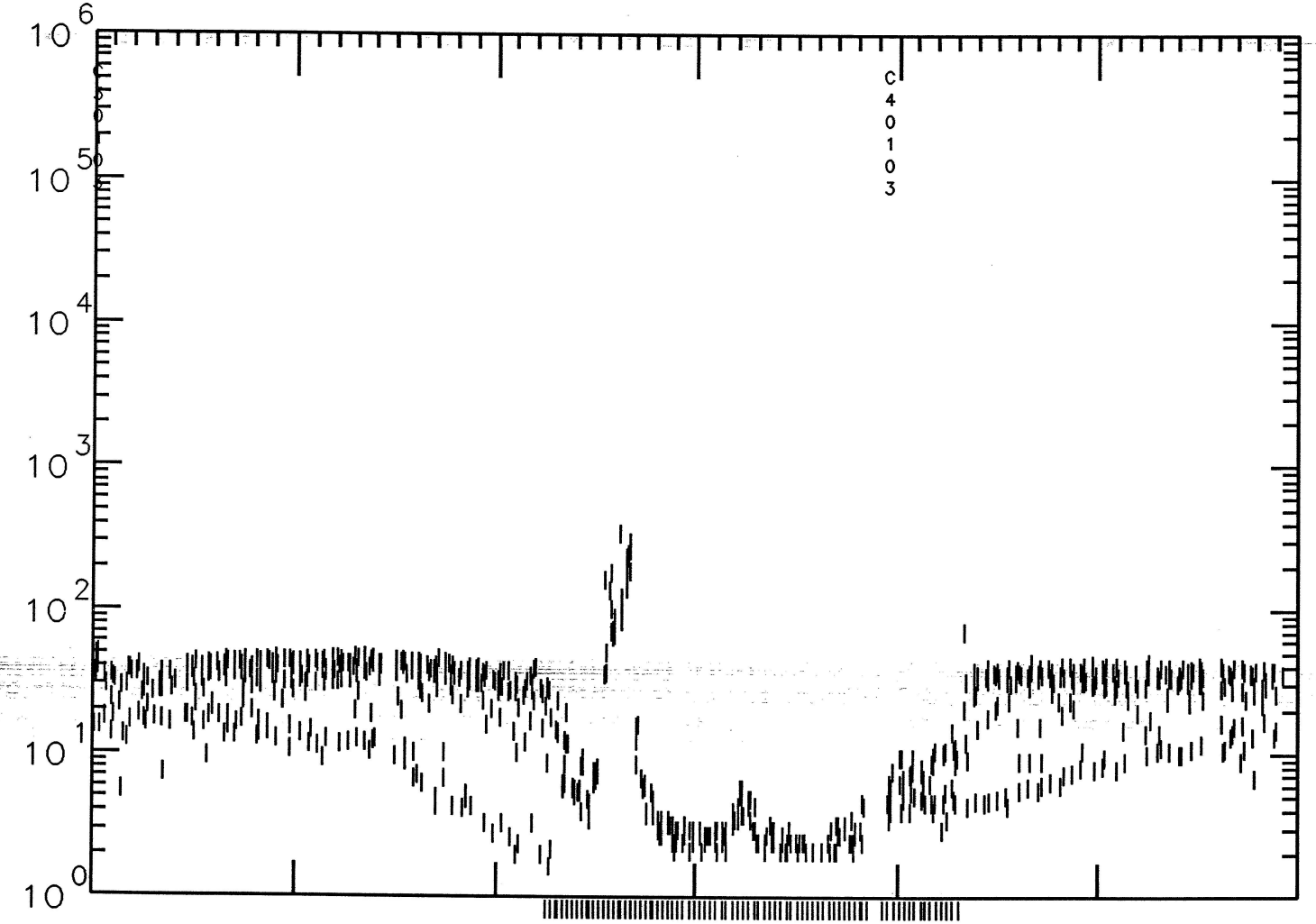
ALT	6278	3982	2121	1392	2252	4174	6487 km
LAT	74	68	44	7	-28	-53	-68 deg
LONG	175	116	87	74	63	50	28 deg
SZA	81	96	119	144	141	123	108 deg
LST	14.6	18.7	20.7	21.6	22.3	23.2	0.5 hr

Ne hi-res Radial

Plotted:
4-AUG-93
11:39:40

Universal Time, Day 82278

3120	3720	4320	4920	5520	6120	6720	secs
0:52	1: 2	1:12	1:22	1:32	1:42	1:52	hh:mm



N_e
(cm^{-3})

Orbit
1399

ALT	6273	3978	2120	1396	2258	4181	6494	km
LAT	74	68	44	7	−28	−53	−68	deg
LONG	176	117	89	75	65	51	29	deg
SZA	81	97	120	145	141	123	108	deg
LST	14.7	18.8	20.8	21.7	22.4	23.3	0.6	hr