

Ambient Ground Vibration Measurements
at the Hanford, Washington LIGO Site

Appendix B

LIGO-C950574-00-D

LIGO Site 24-Hour Spectrograms

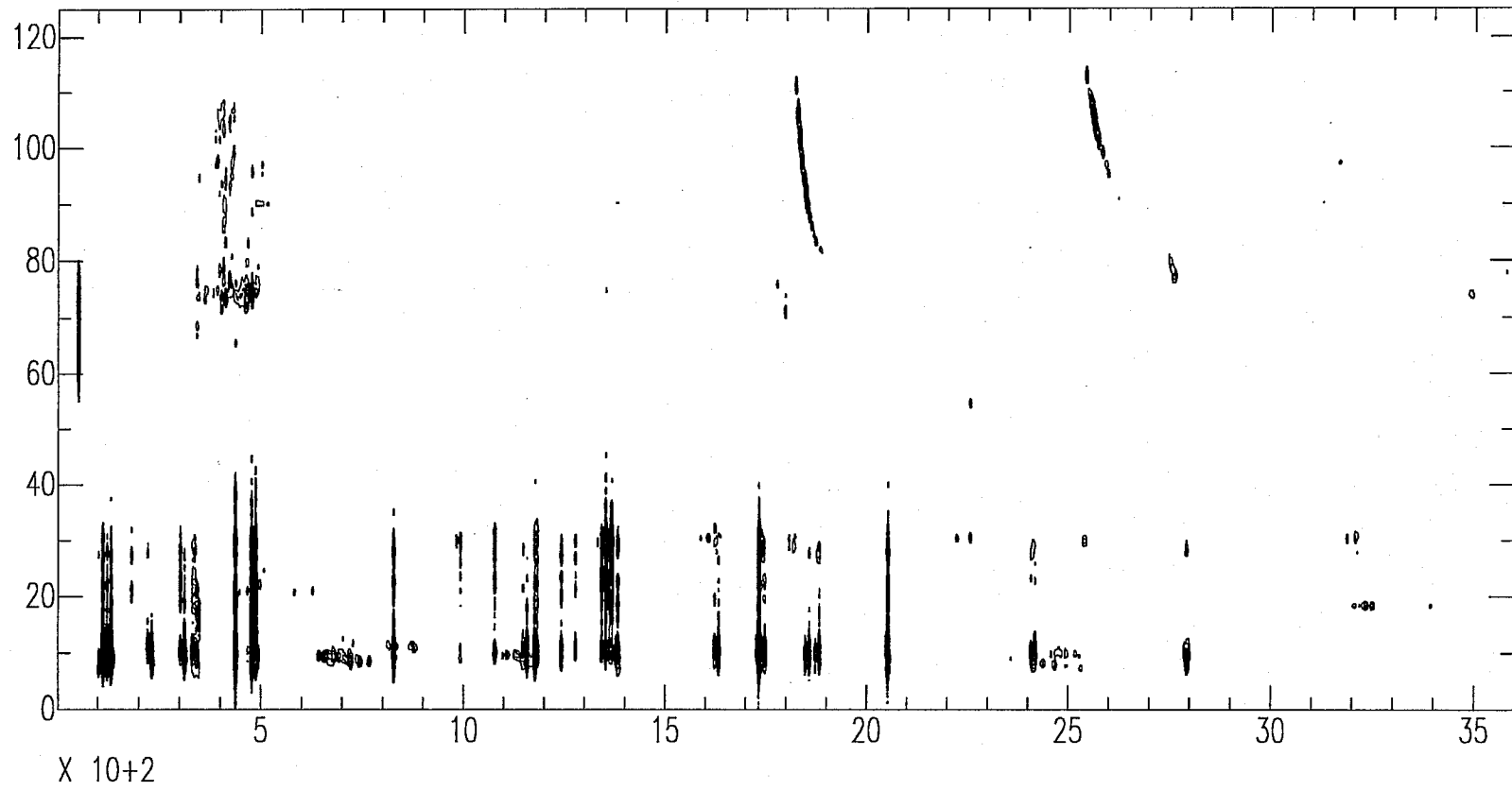
Spectrograms for 24-Hour Periods

LIGO Northwest End Day 331

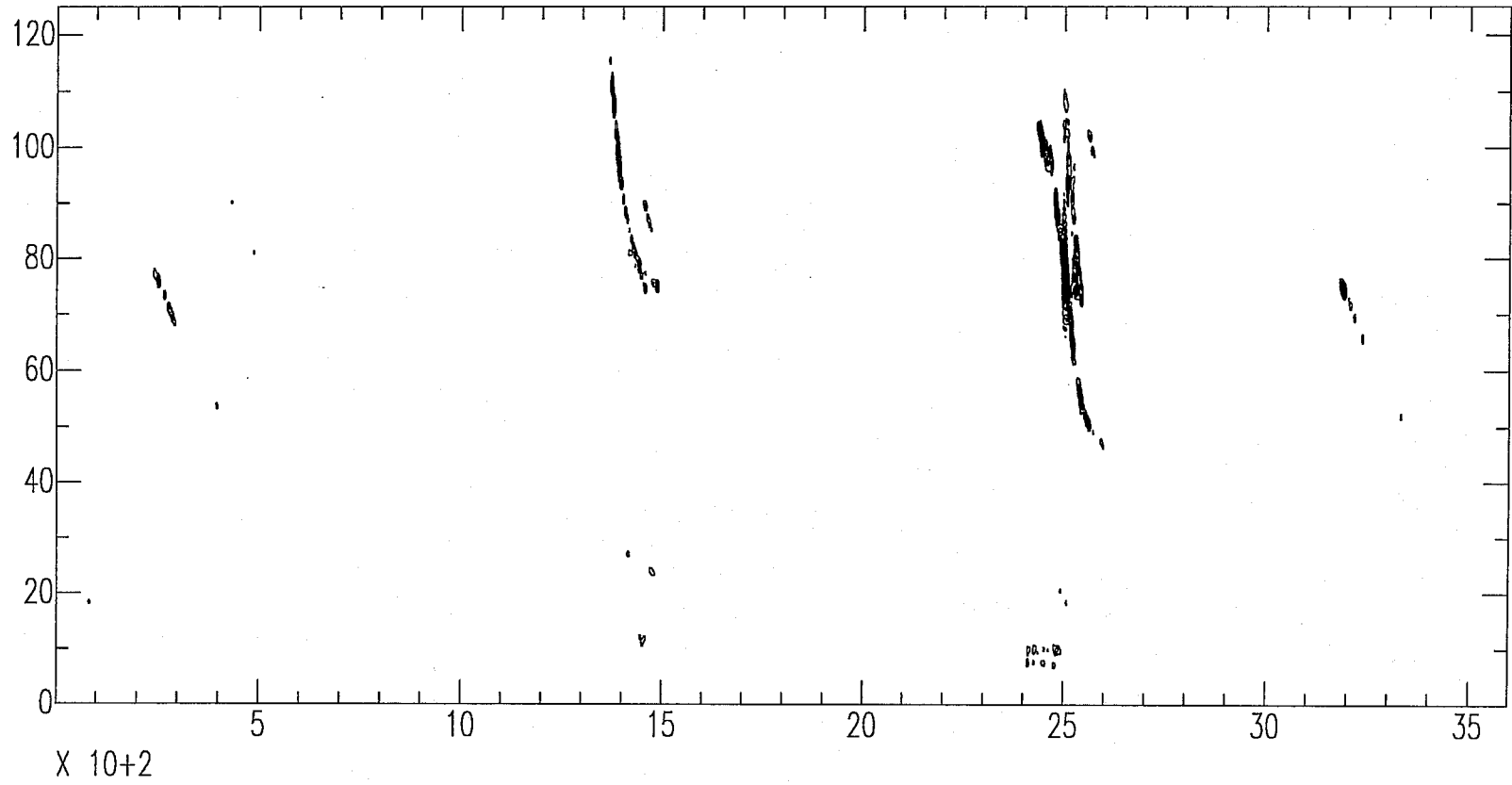
Vertical Component Acceleration

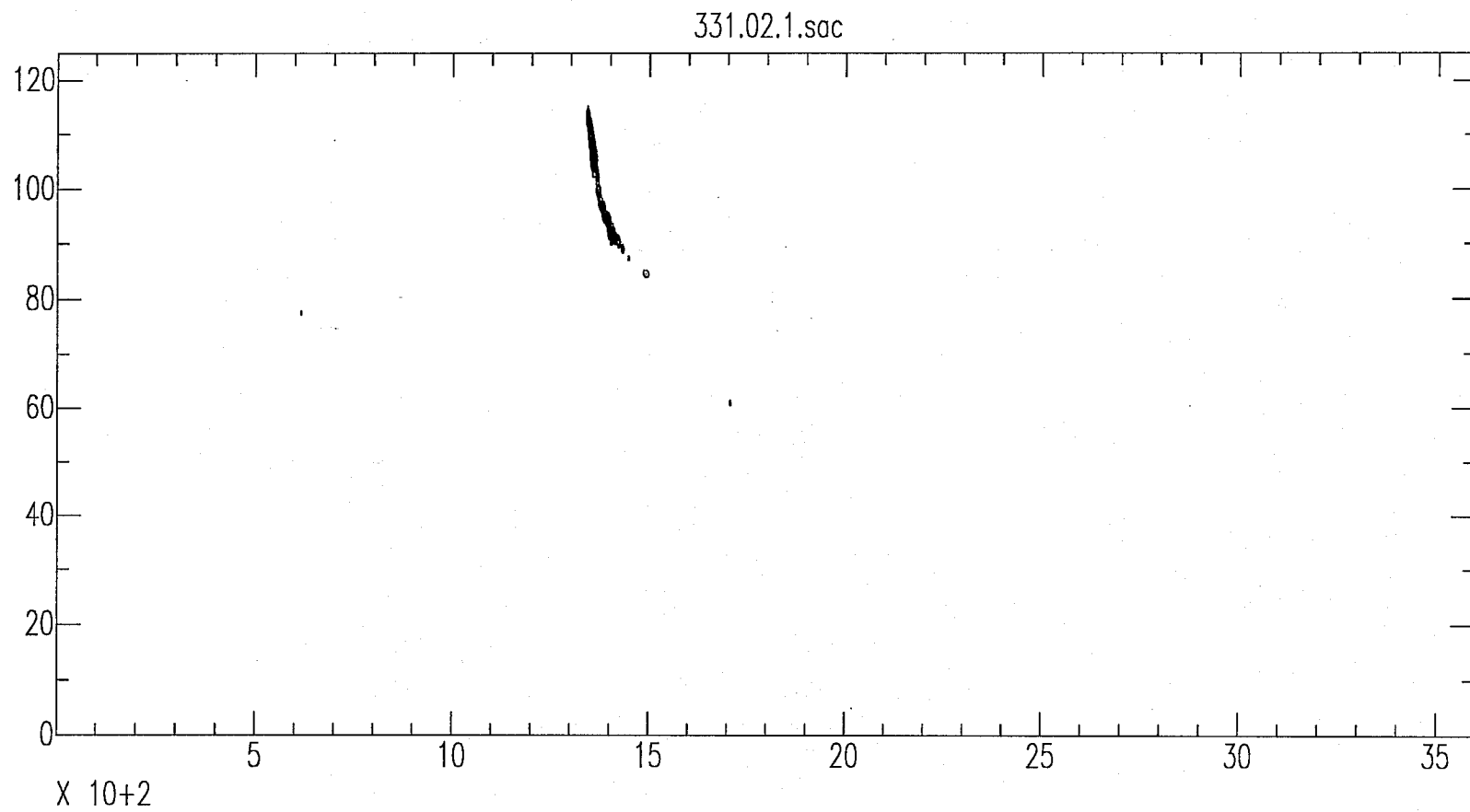
Hour 00 00:06 - 01:06 GMT
Hour 01 01:06 - 02:06 GMT
Hour 02 02:06 - 03:06 GMT
Hour 03 03:06 - 04:06 GMT
Hour 04 04:06 - 05:06 GMT
Hour 05 05:06 - 06:06 GMT
Hour 06 06:06 - 07:06 GMT
Hour 07 07:06 - 08:06 GMT
Hour 08 08:06 - 09:06 GMT
Hour 09 09:06 - 10:06 GMT
Hour 10 10:06 - 11:06 GMT
Hour 11 11:06 - 12:06 GMT
Hour 12 12:06 - 13:06 GMT
Hour 13 13:06 - 14:06 GMT
Hour 14 14:06 - 15:06 GMT
Hour 15 15:06 - 16:06 GMT
Hour 16 16:06 - 17:06 GMT
Hour 17 17:06 - 18:06 GMT
Hour 18 18:06 - 19:06 GMT
Hour 19 19:06 - 20:06 GMT
Hour 20 20:06 - 21:06 GMT
Hour 21 21:06 - 22:06 GMT
Hour 22 22:06 - 23:06 GMT
Hour 23 23:06 - 24:06 GMT

331.00.1.sac

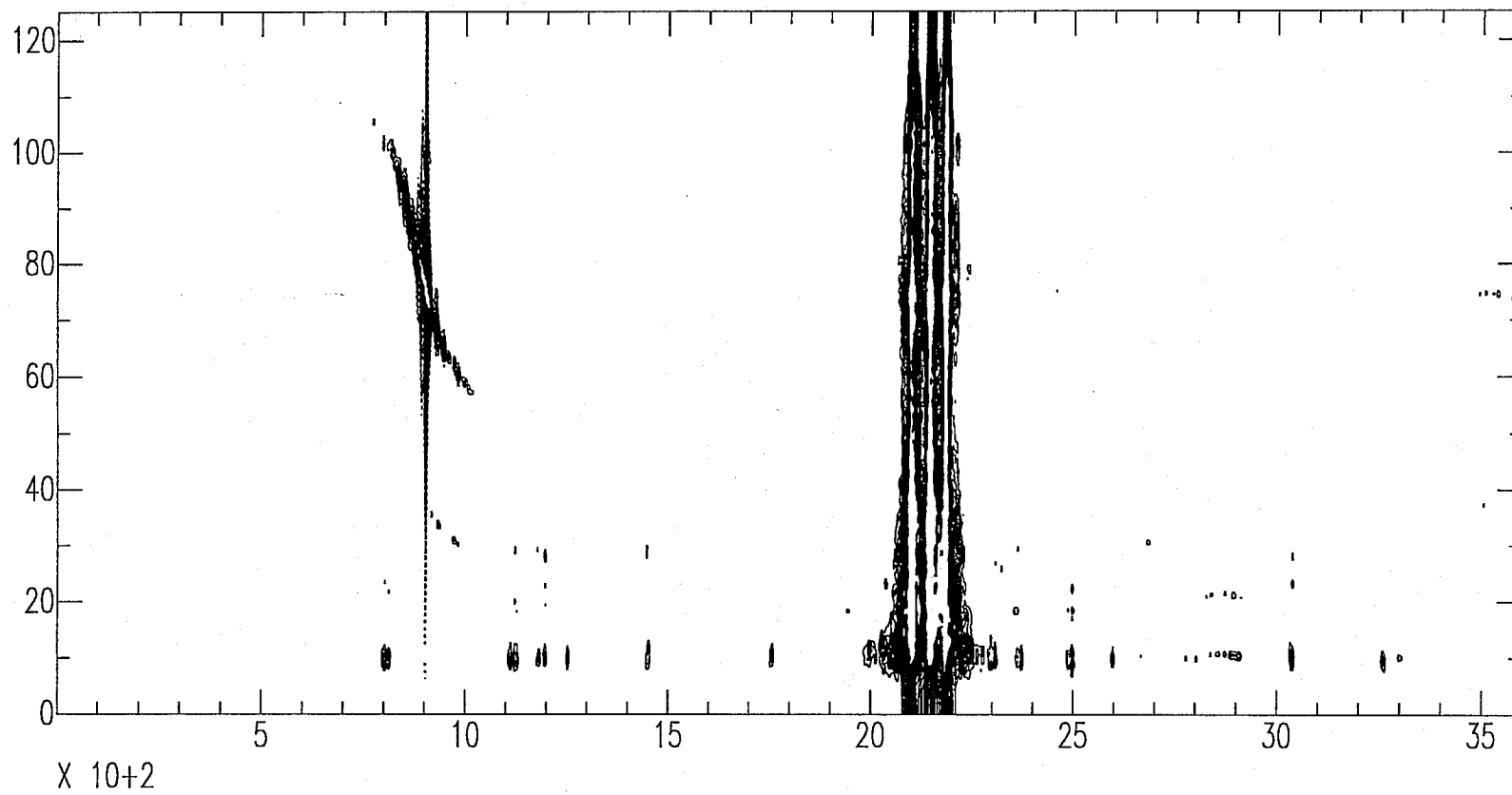


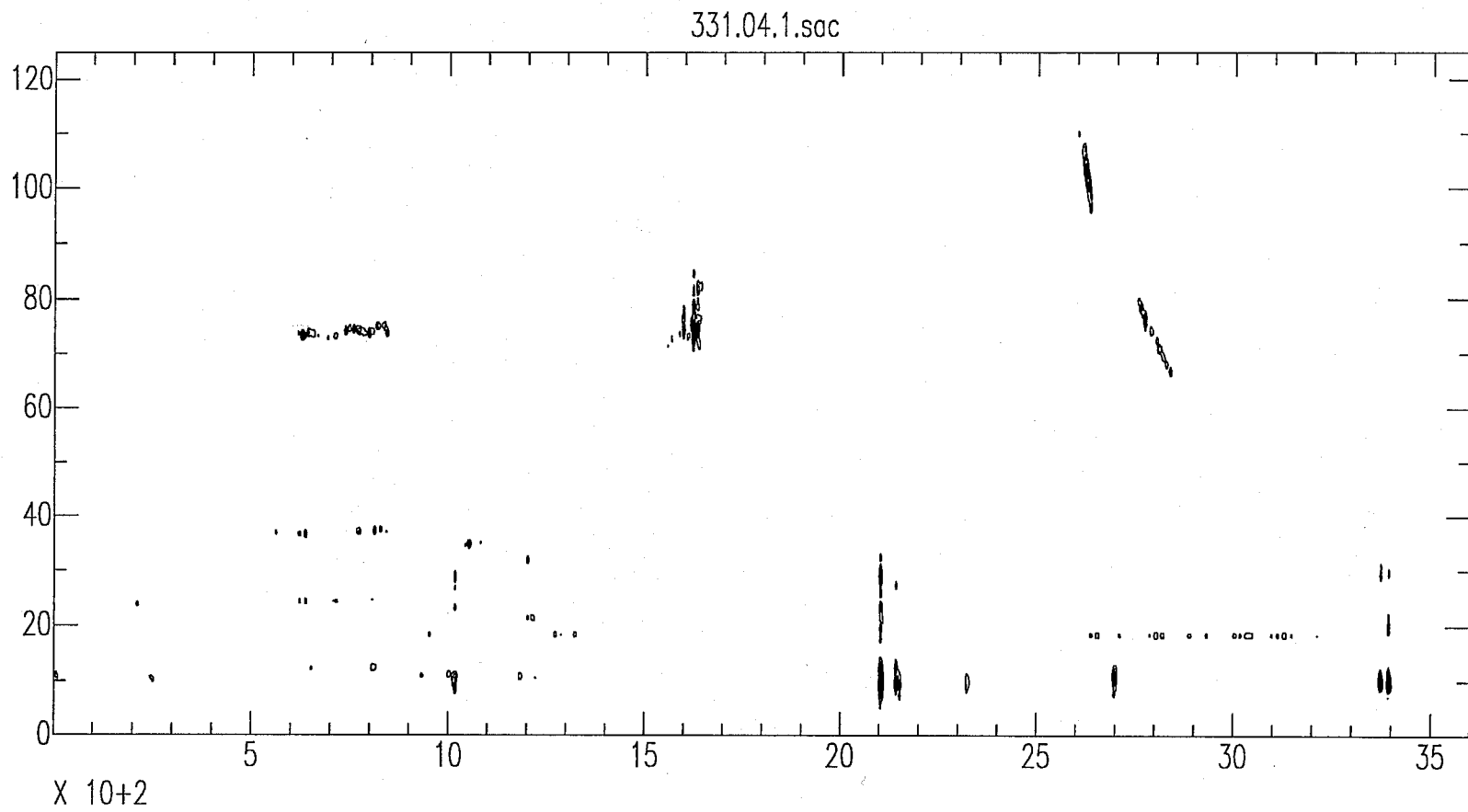
331.01.1.sac



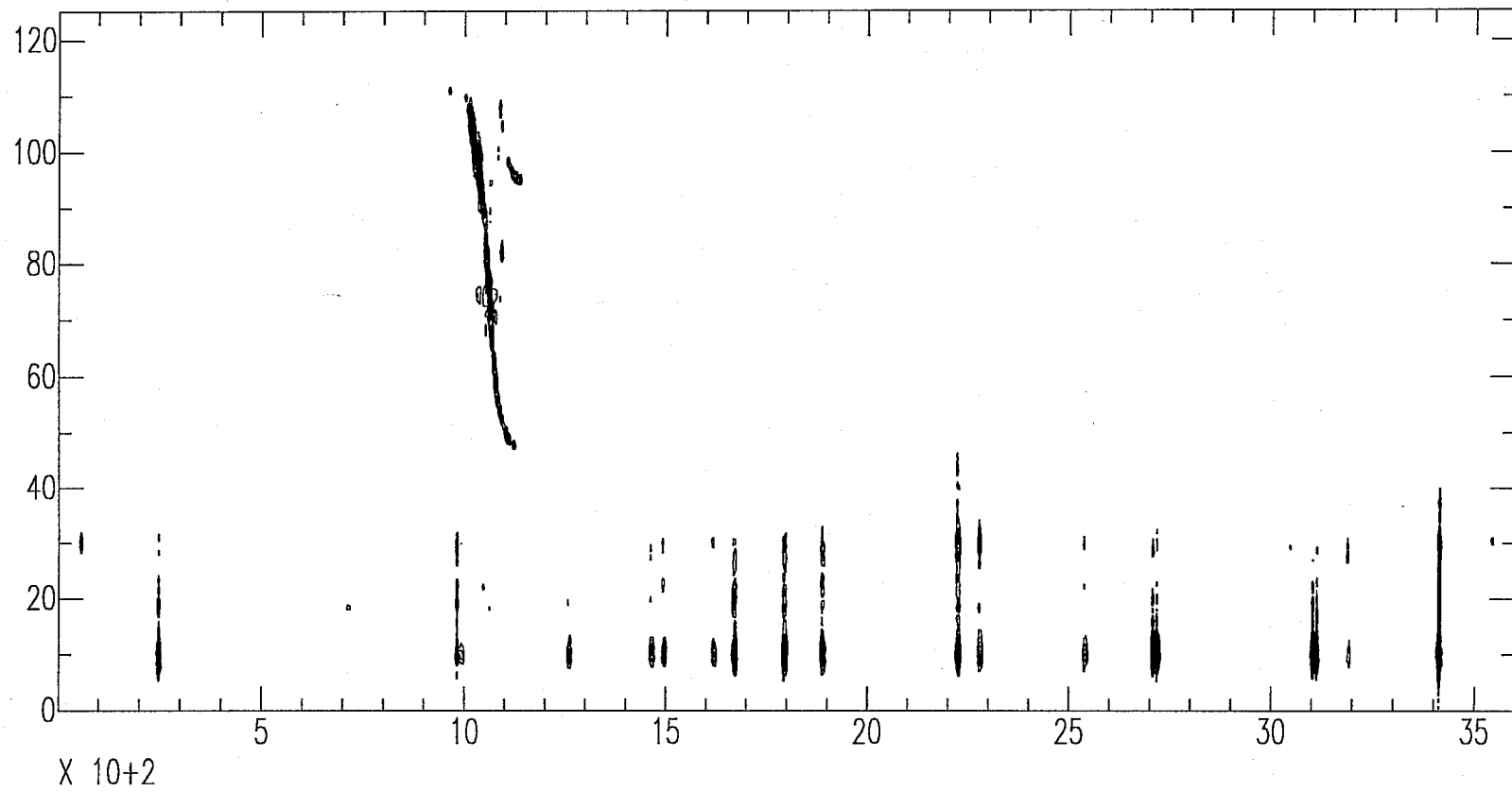


331.03.1.sac

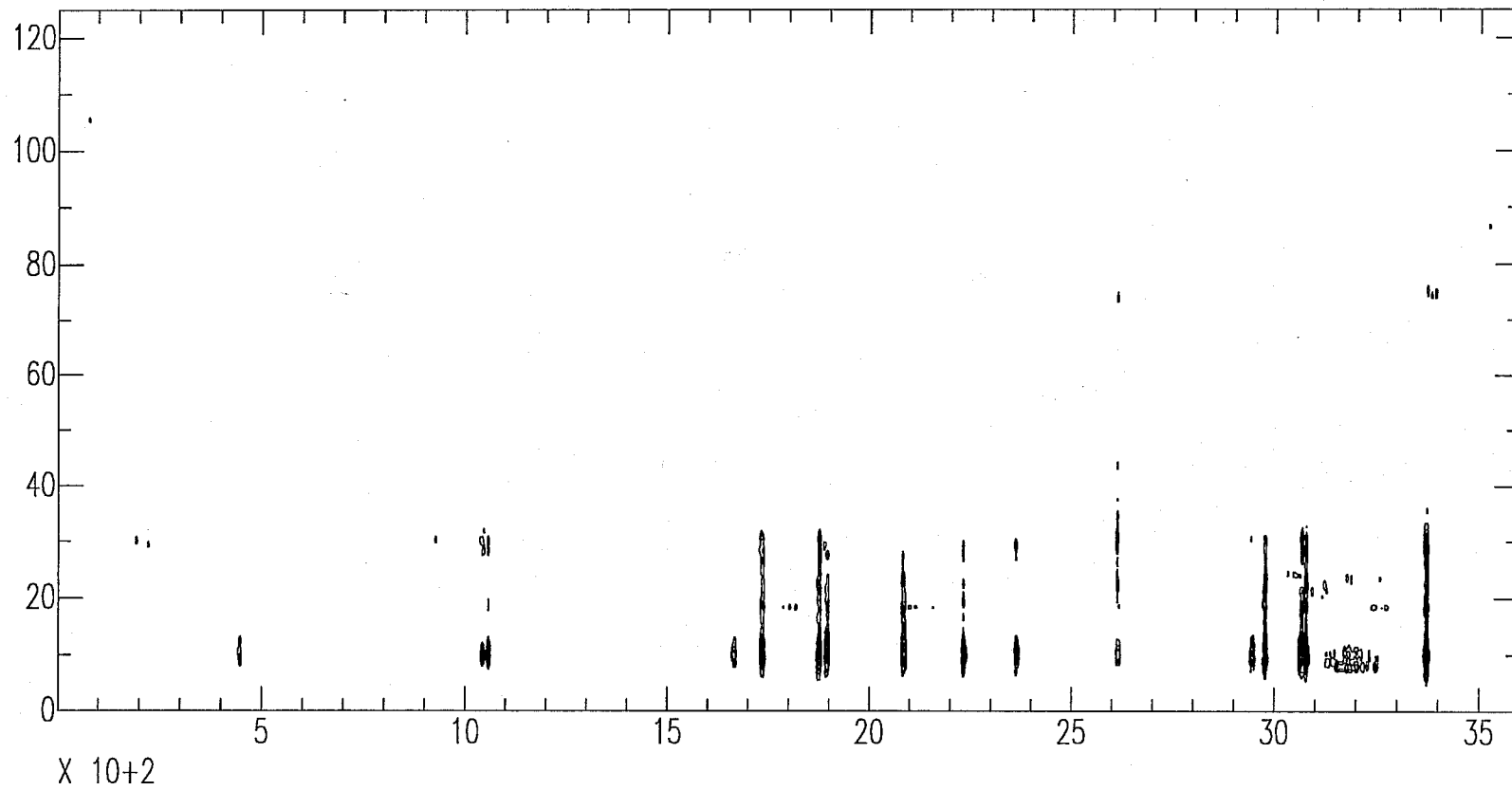


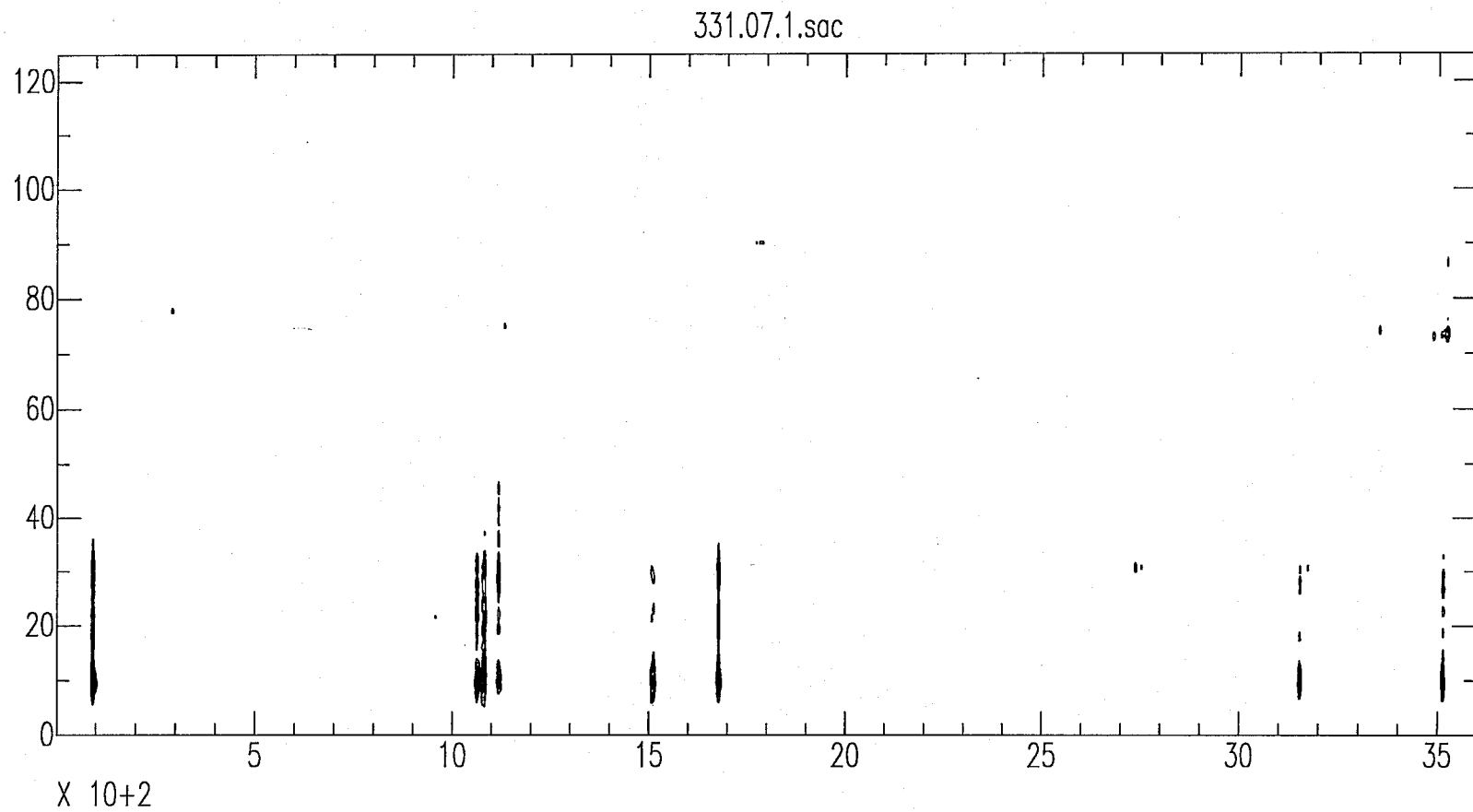


331.05.1.sac

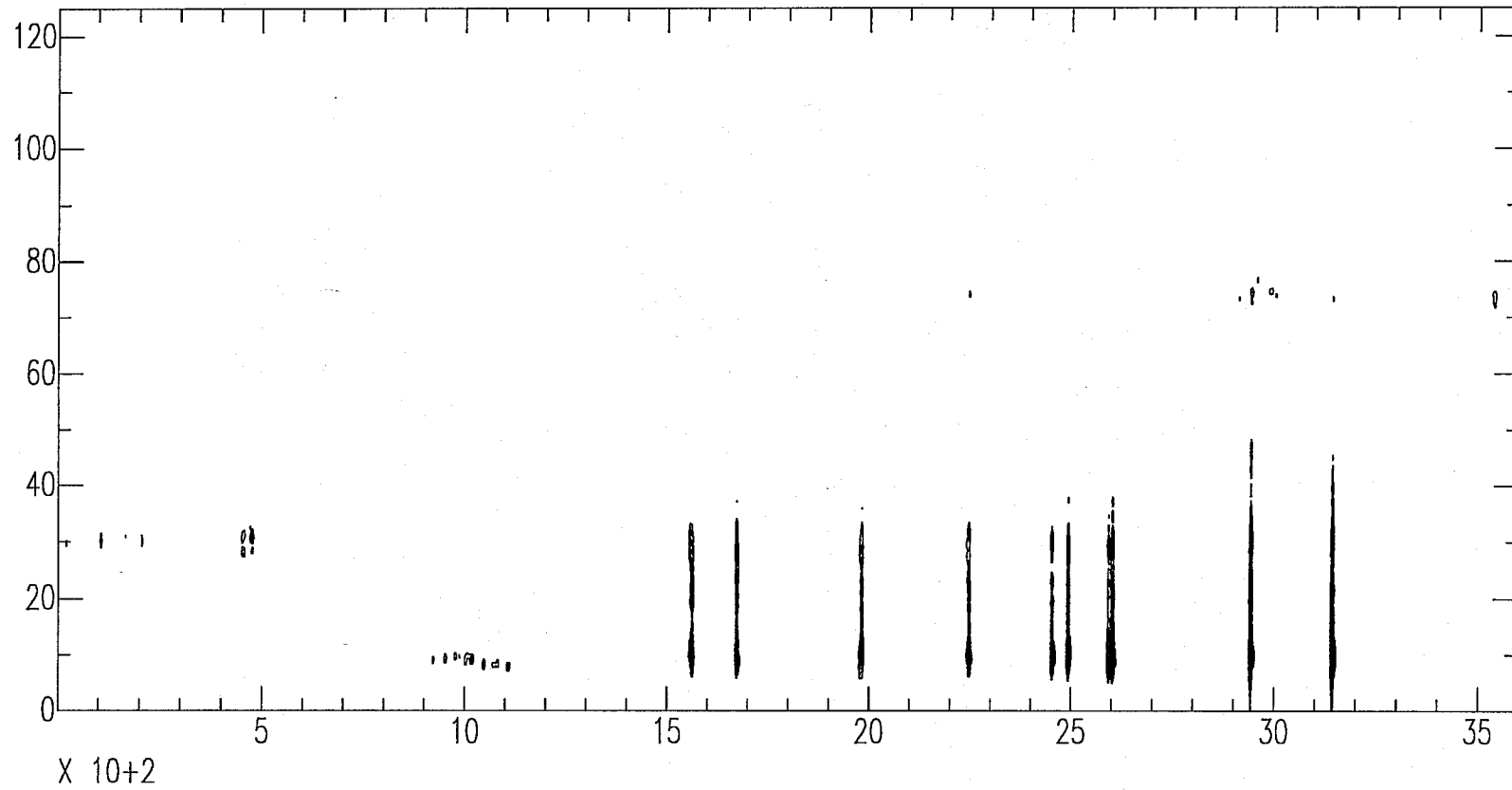


331.06.1.sac

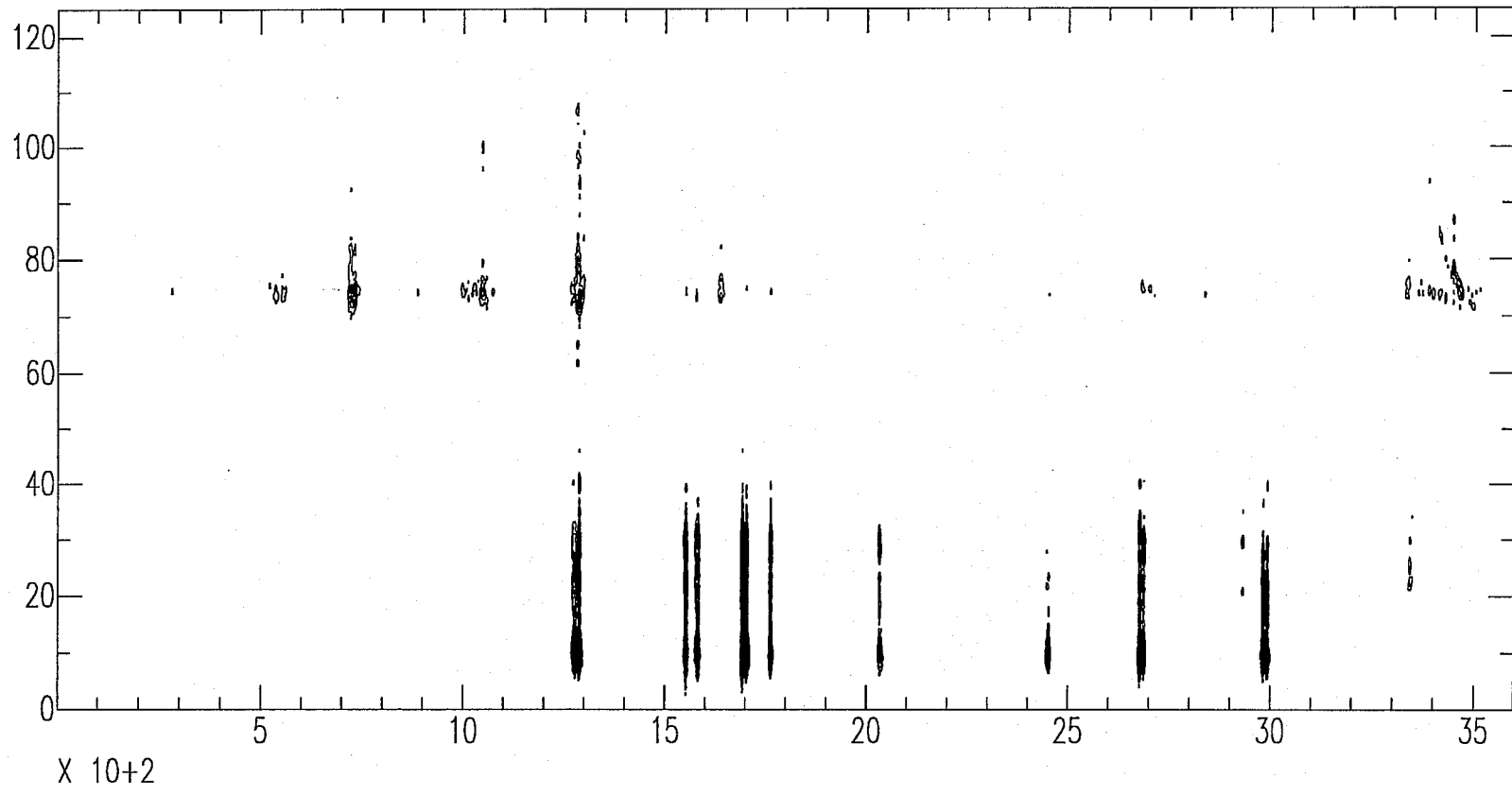




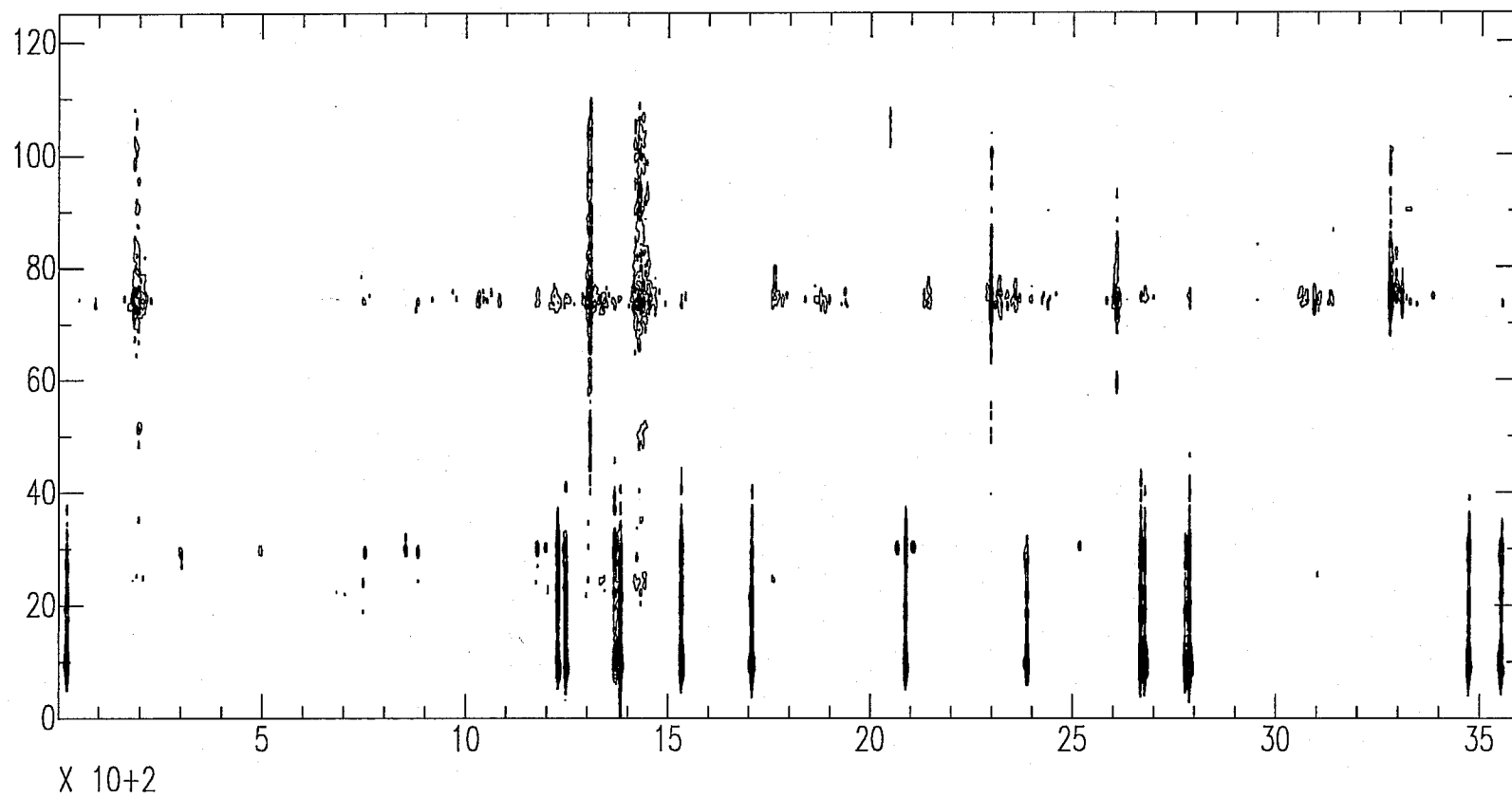
331.08.1.sac



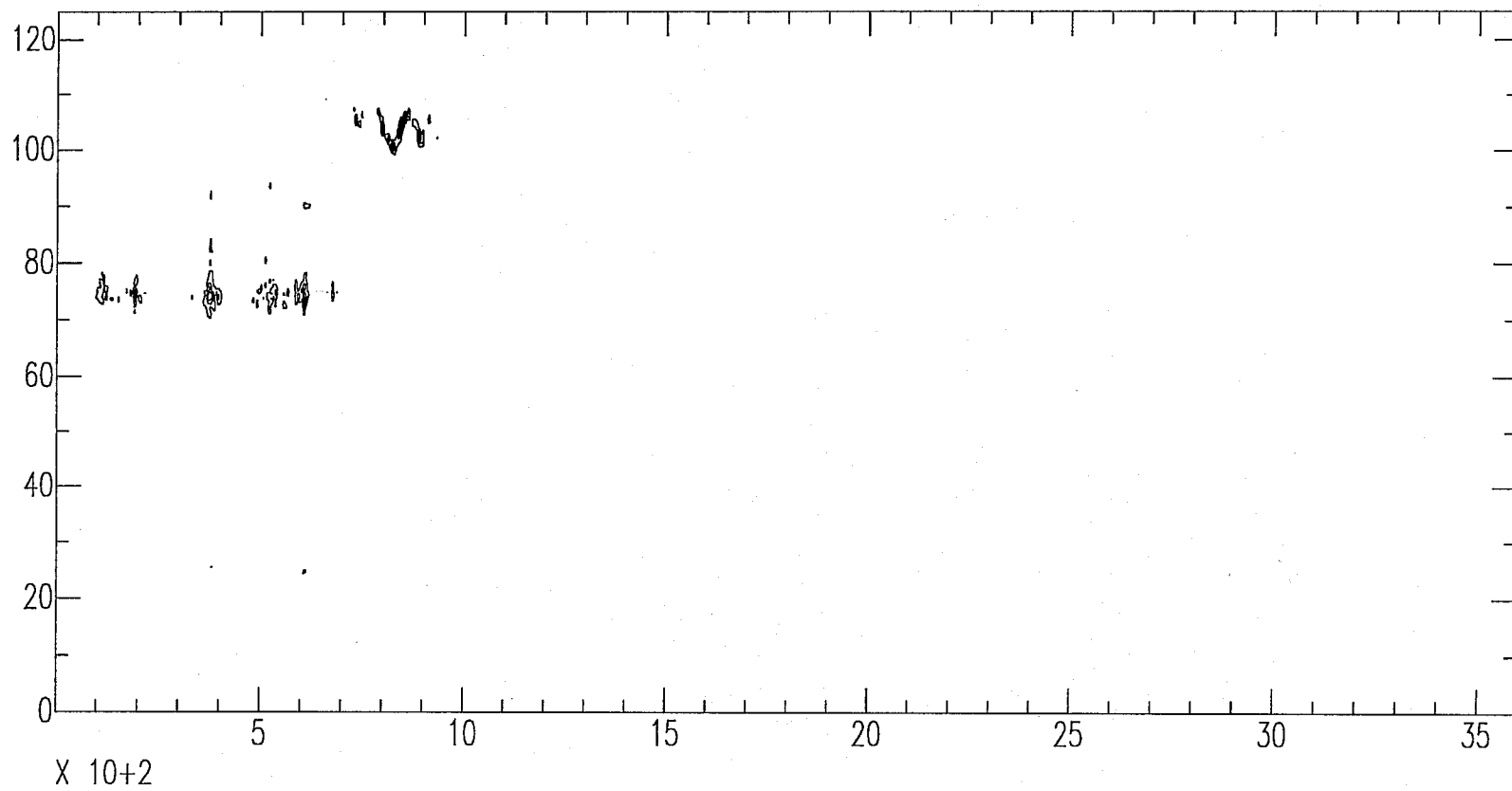
331.09.1.sac

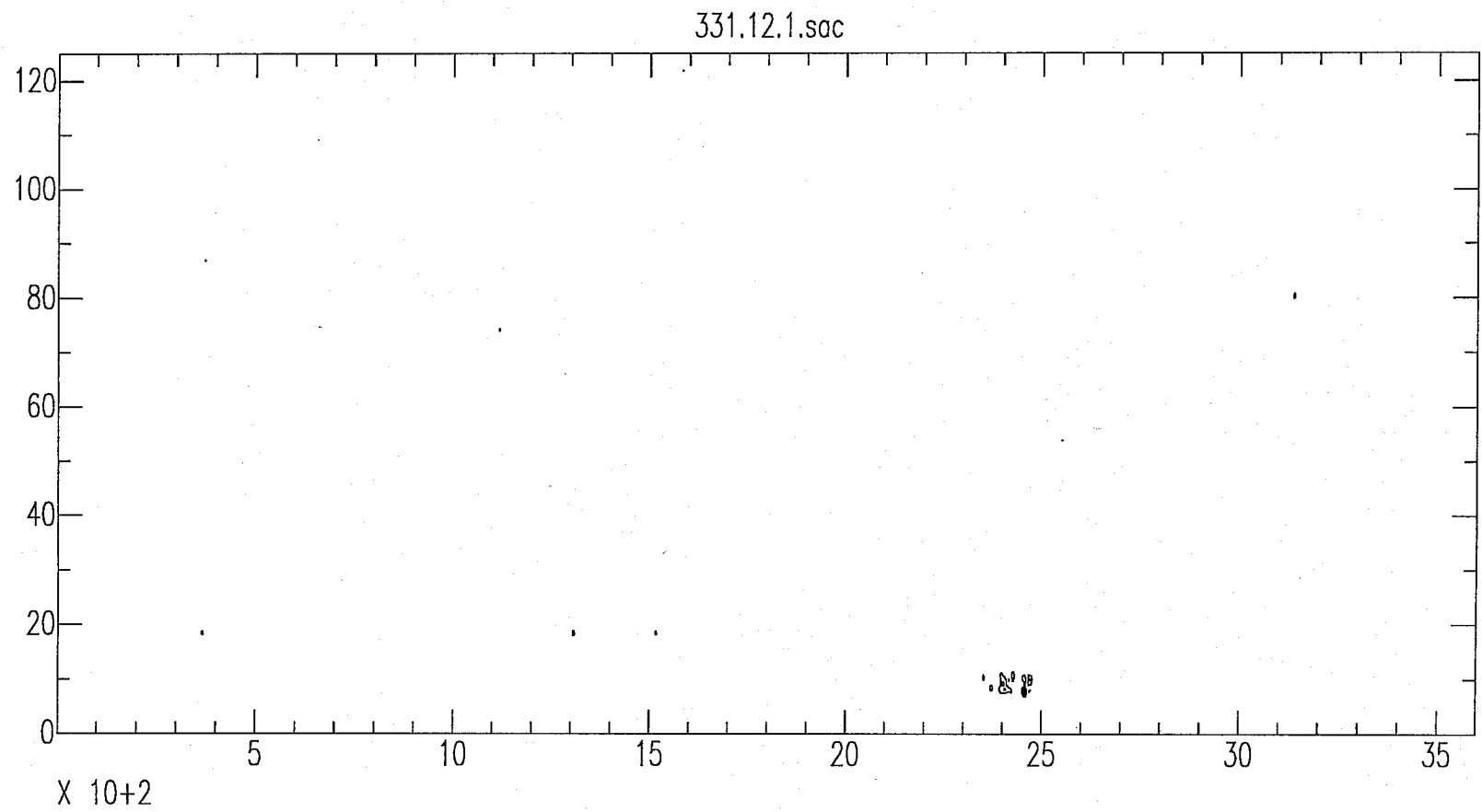


331.10.1.sac

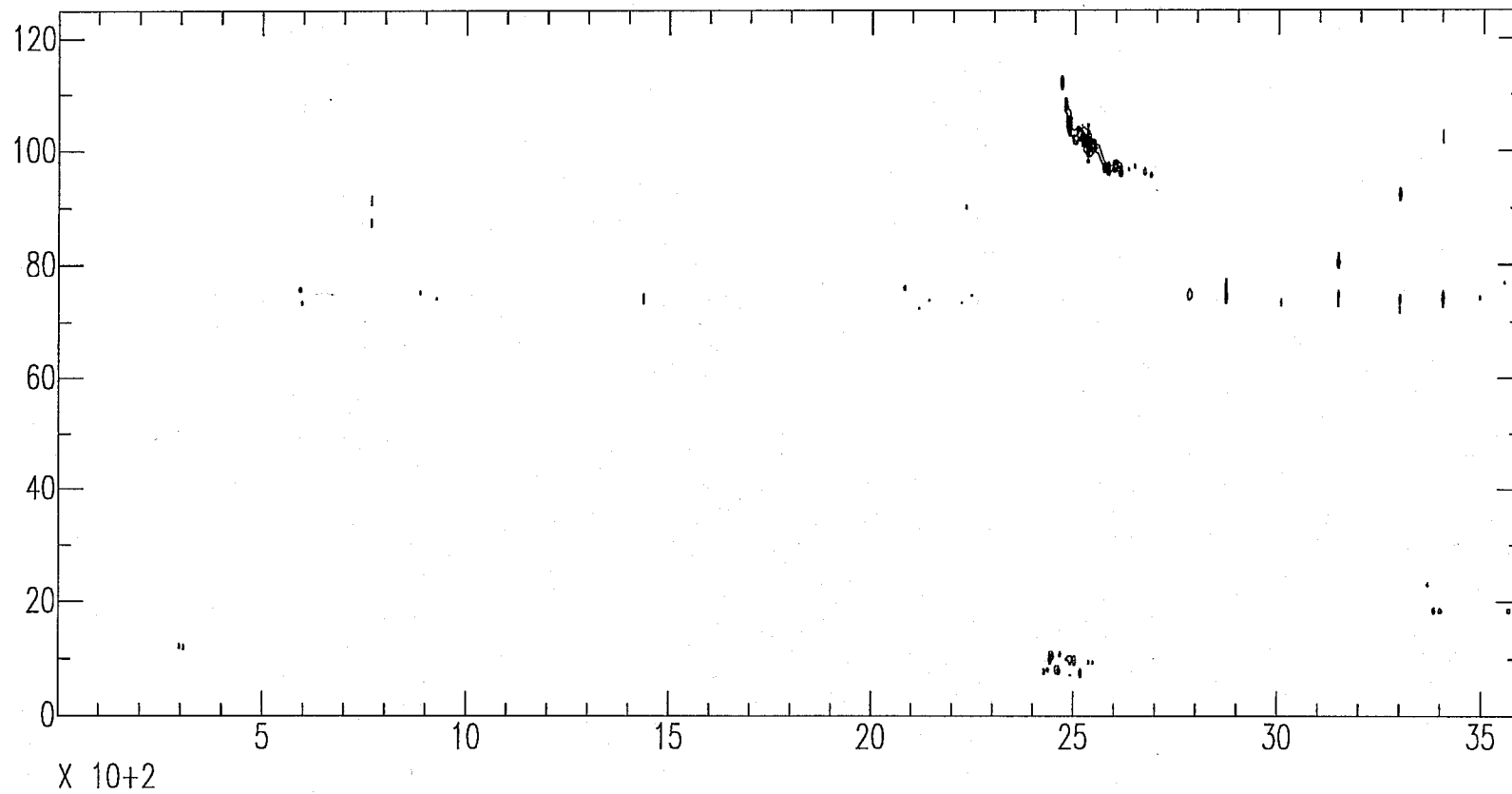


331.11.1.sac

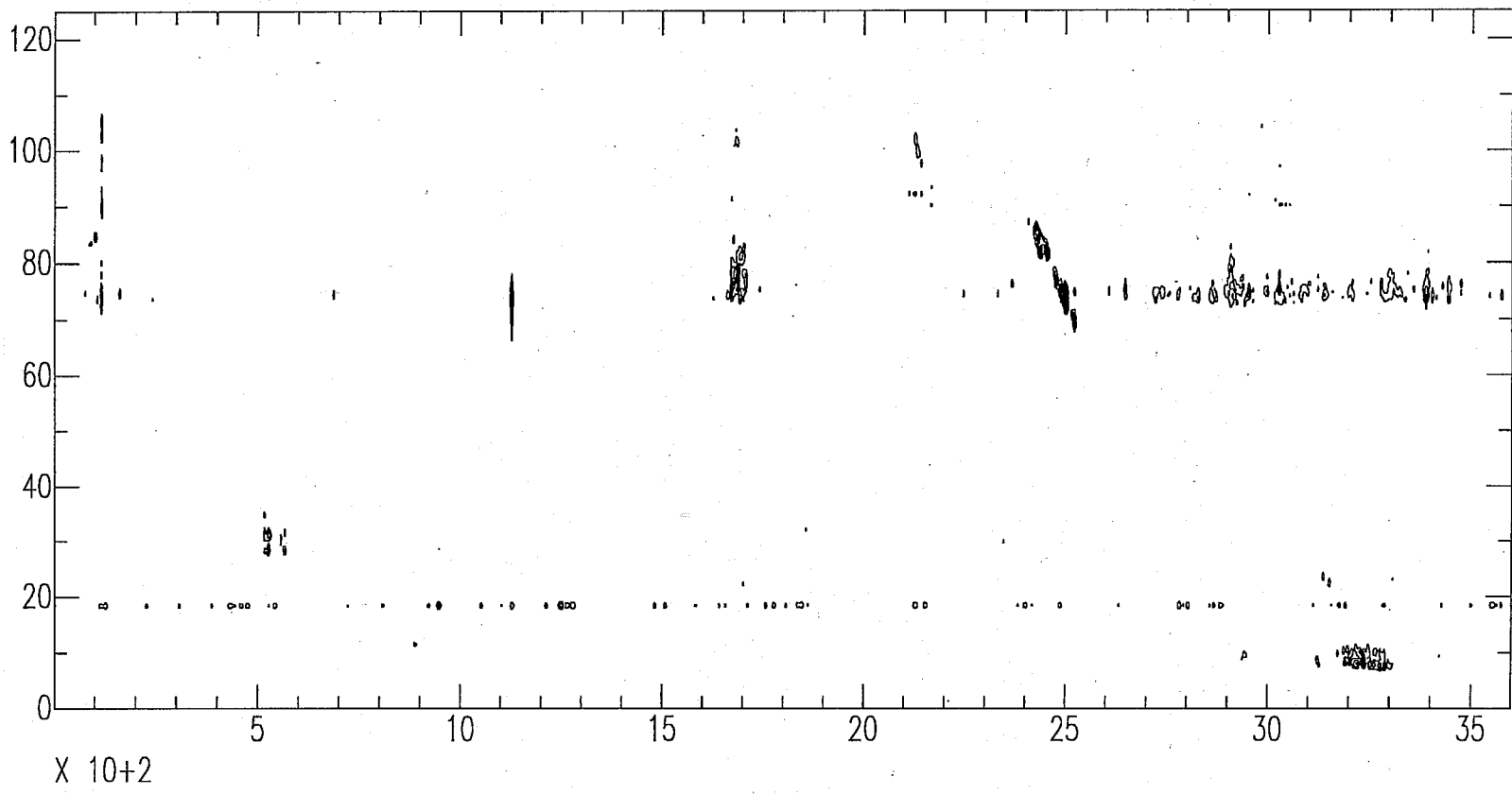




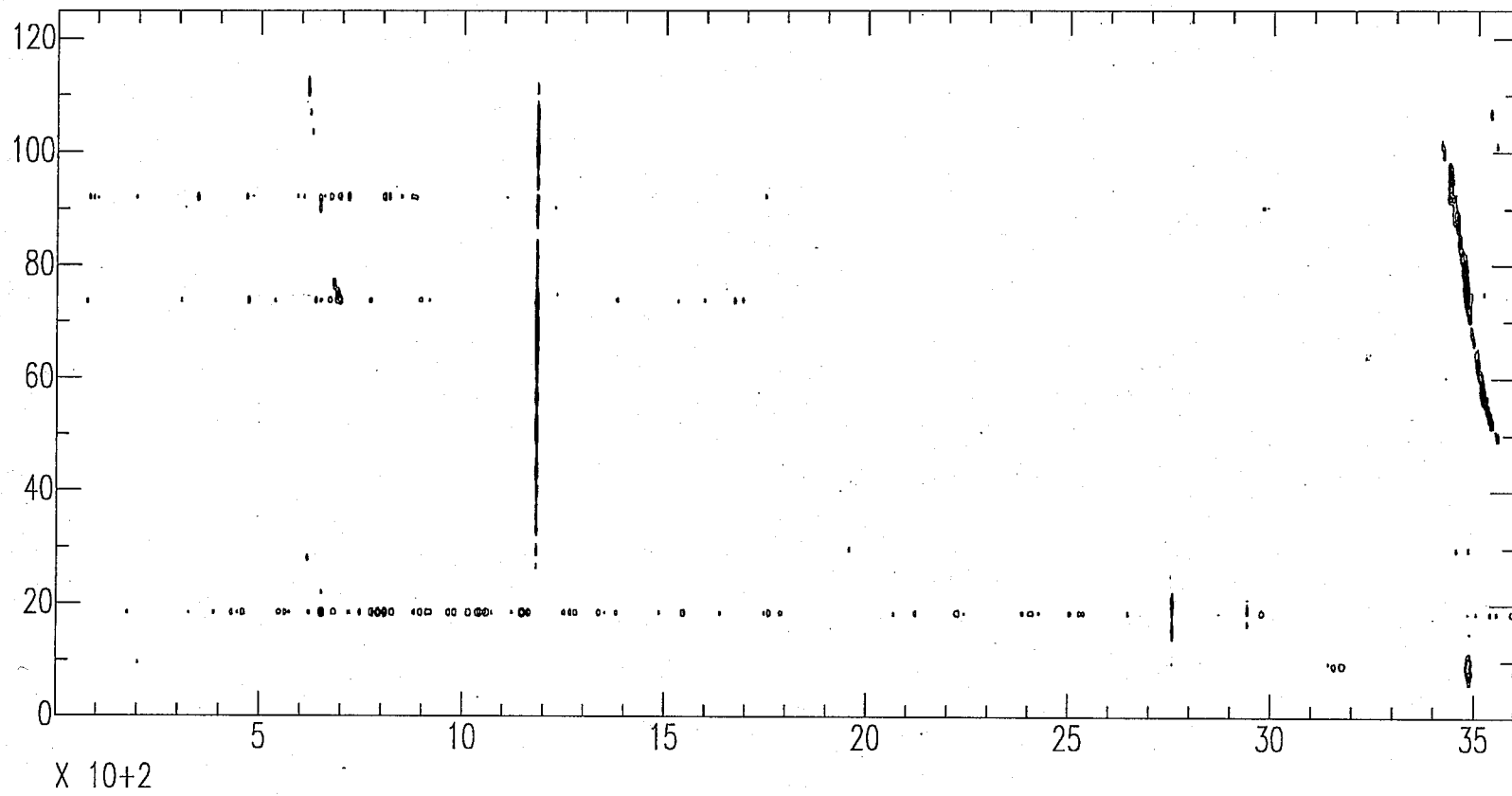
331.13.1.sac



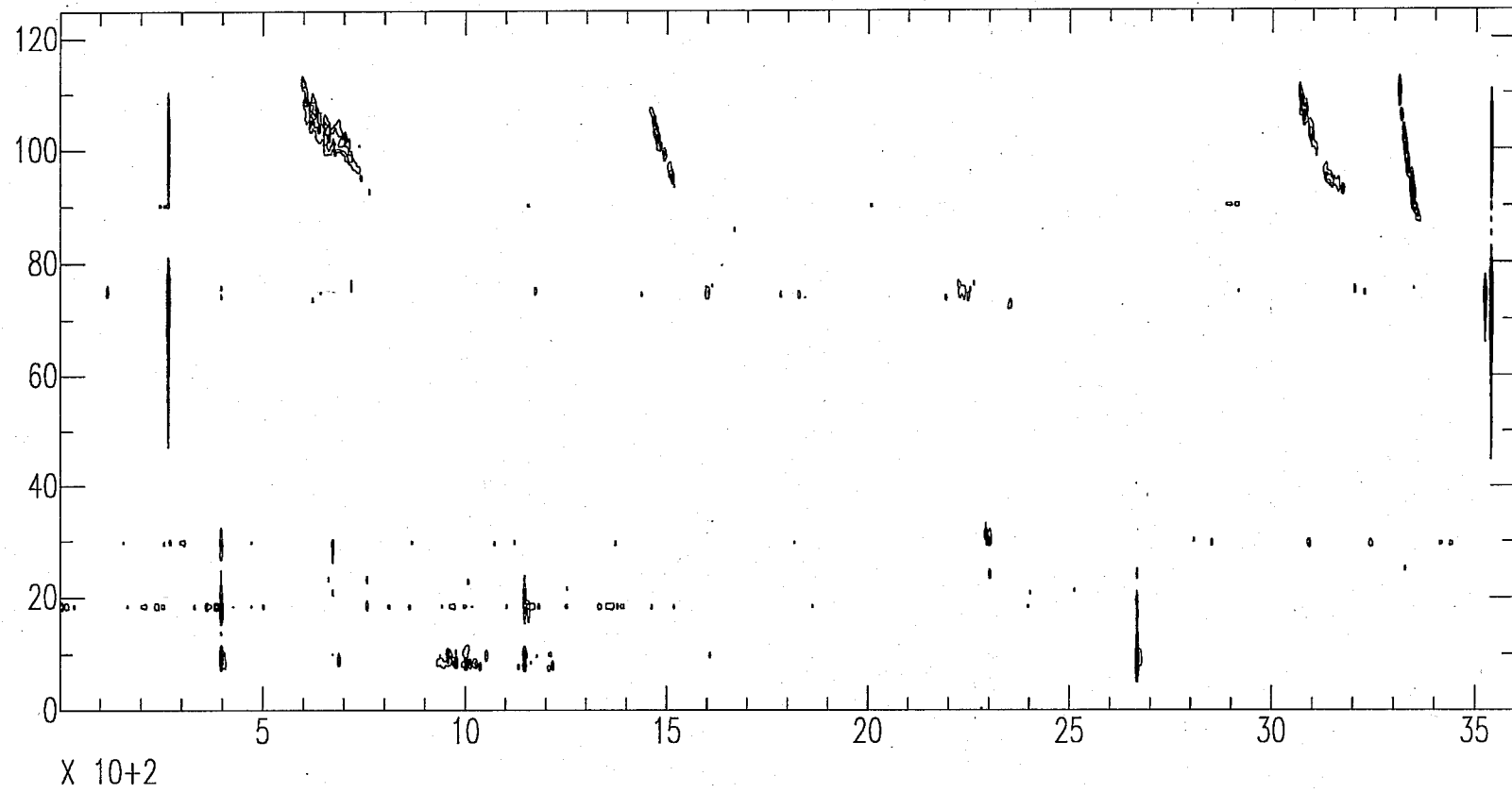
331.14.1.sac



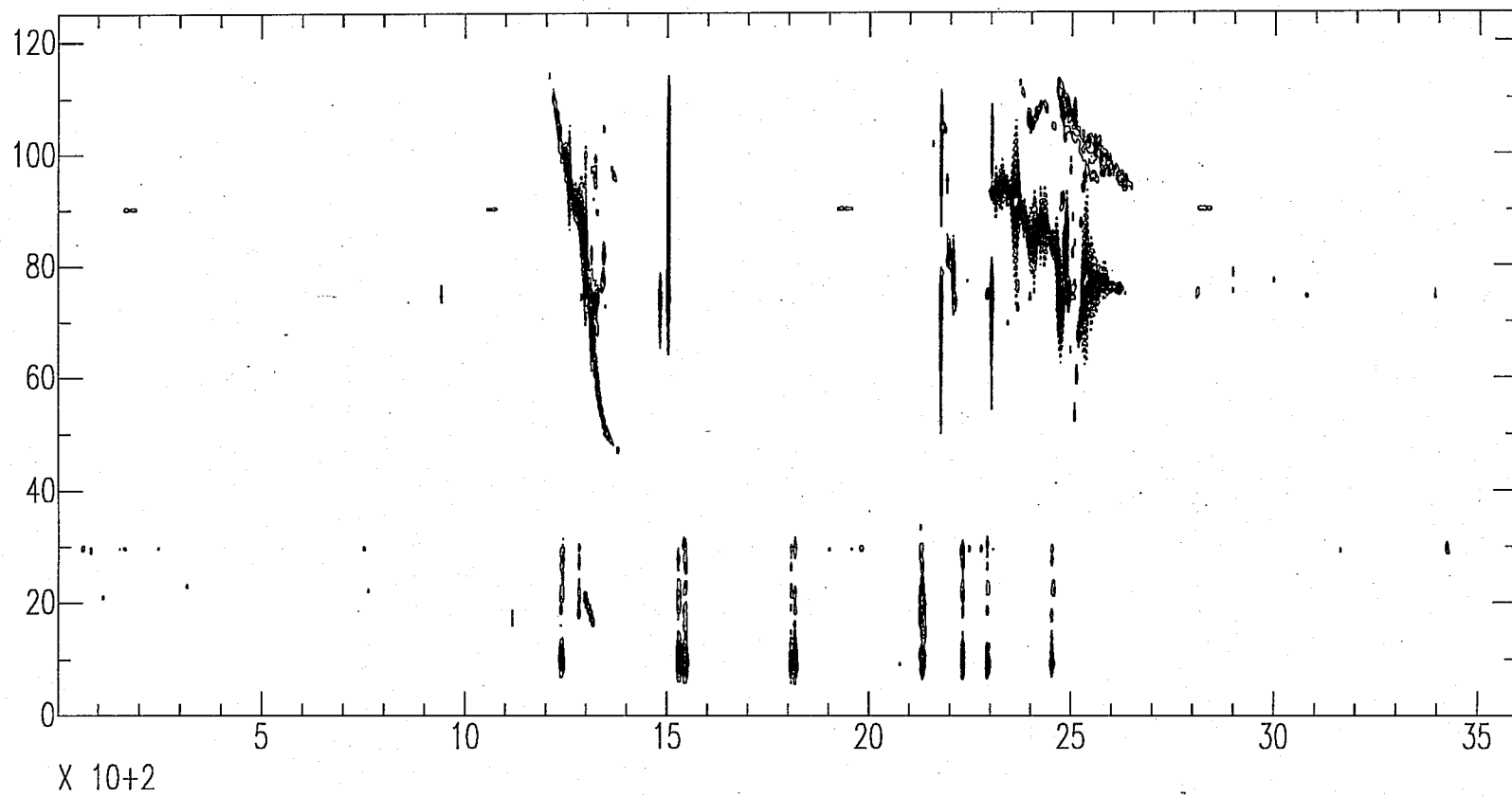
331.15.1.sac



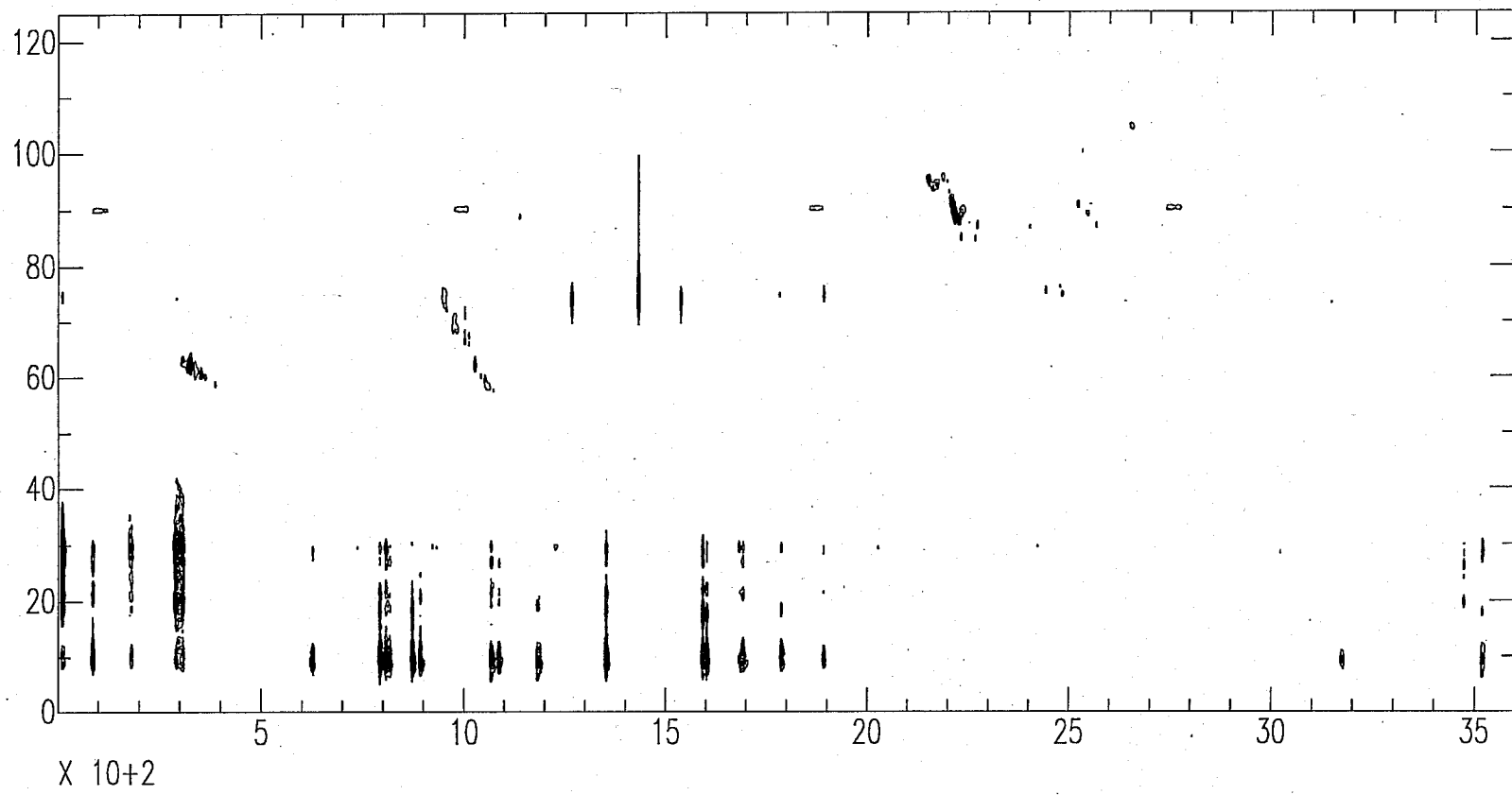
331.16.1.sac



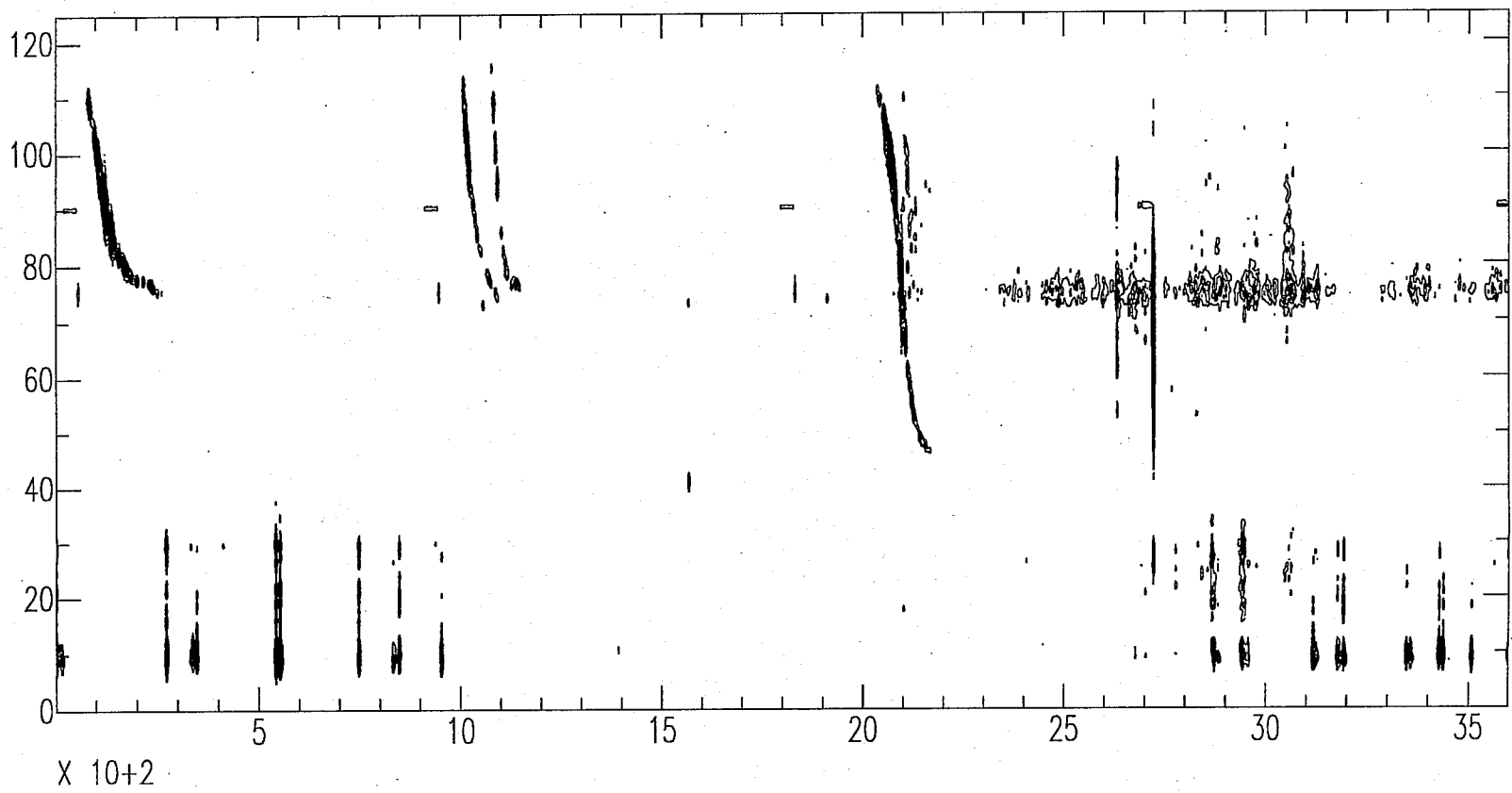
331.17.1.sac



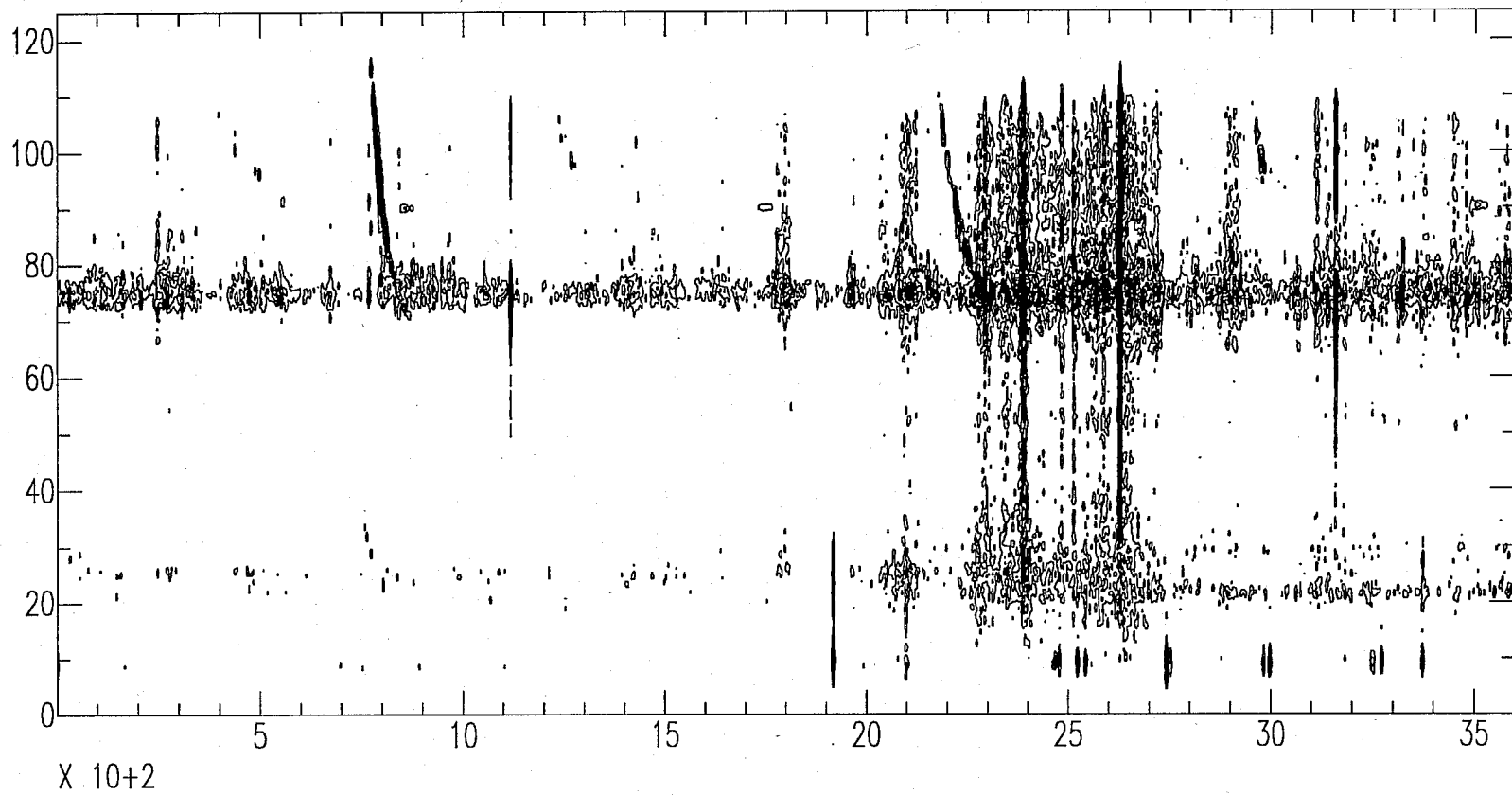
331.18.1.sac



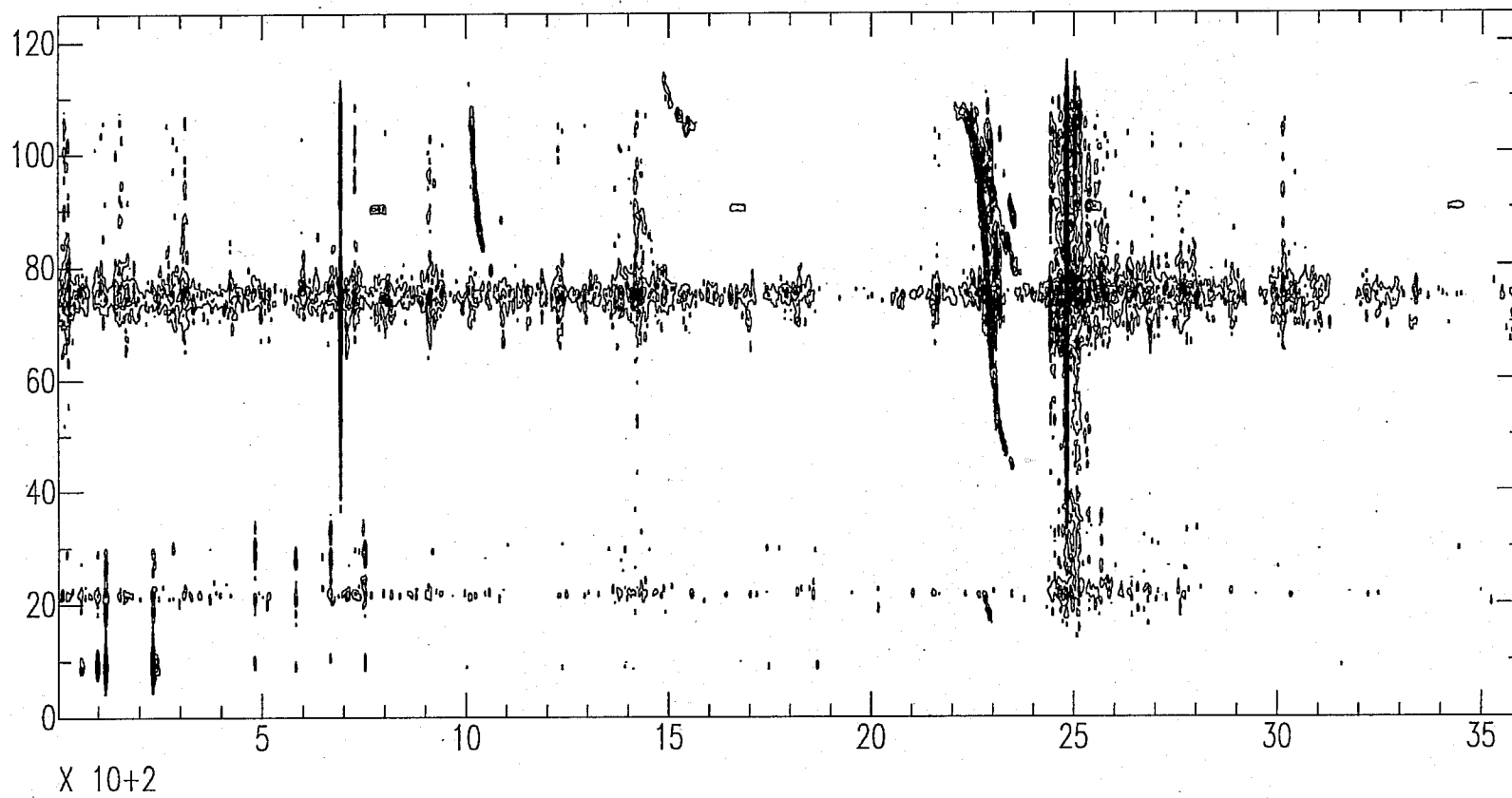
331.19.1.sac



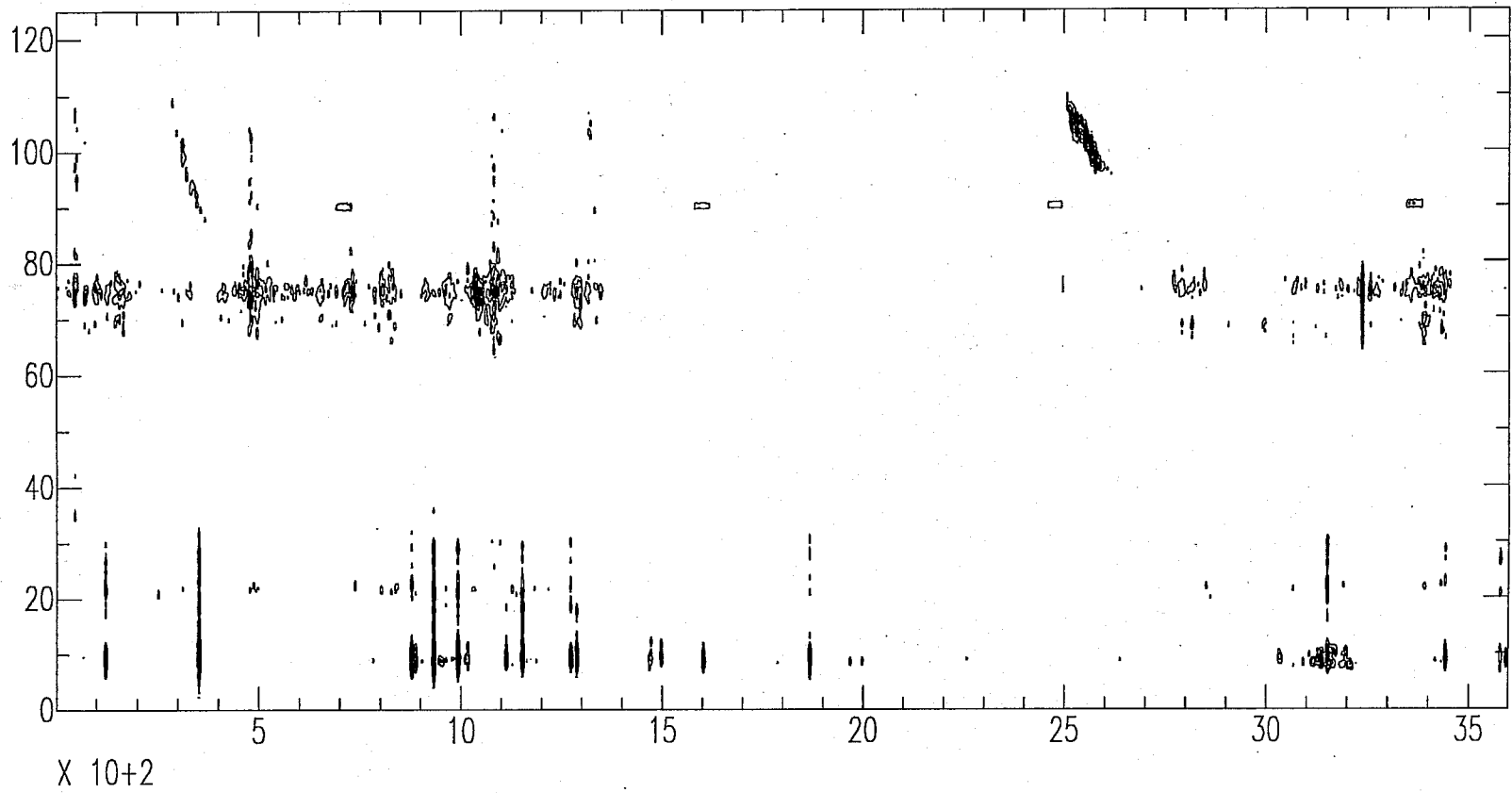
331.20.1.soc



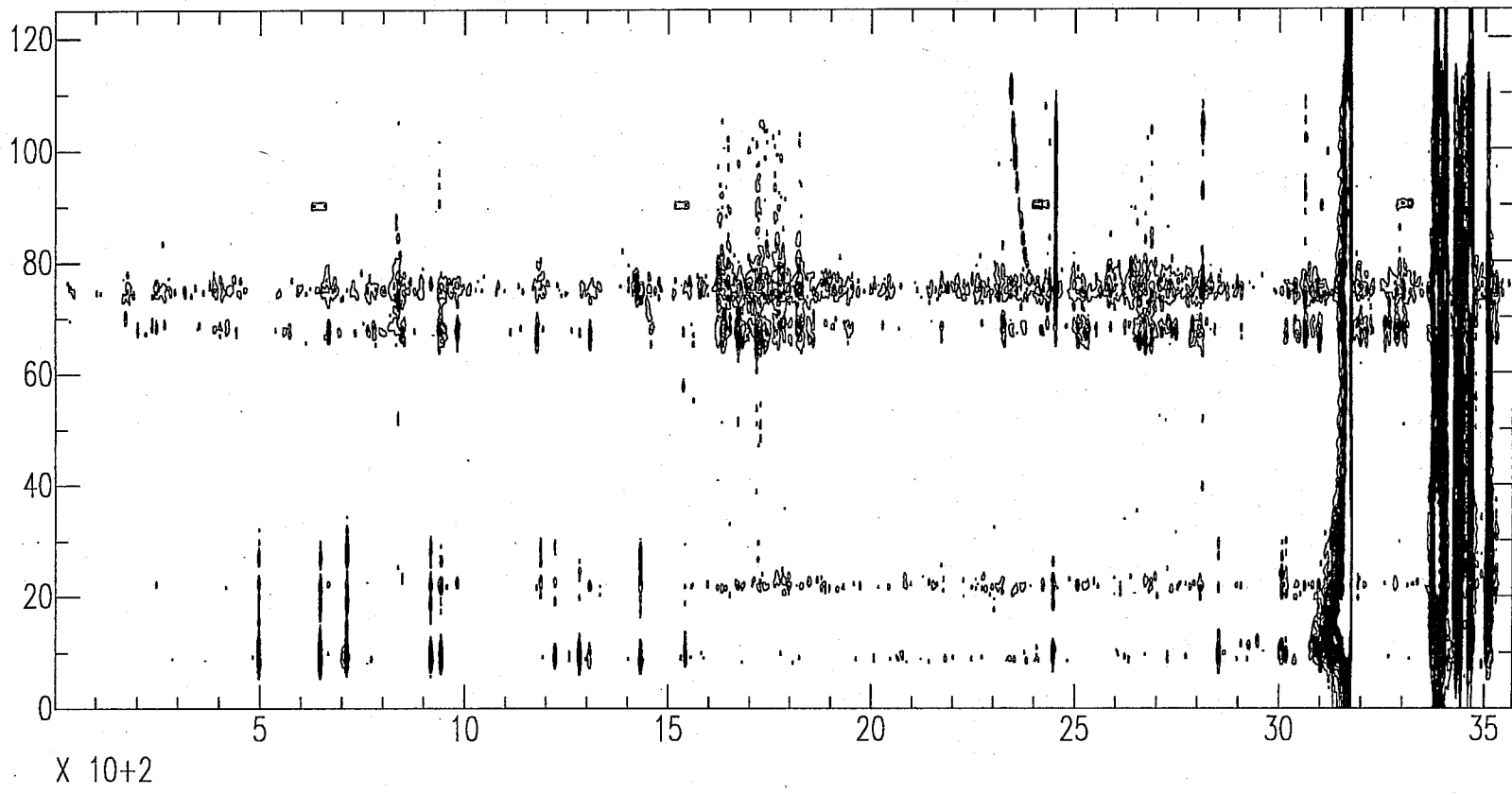
331.21.1.sac



331.22.1.sac



331.23.1.sac



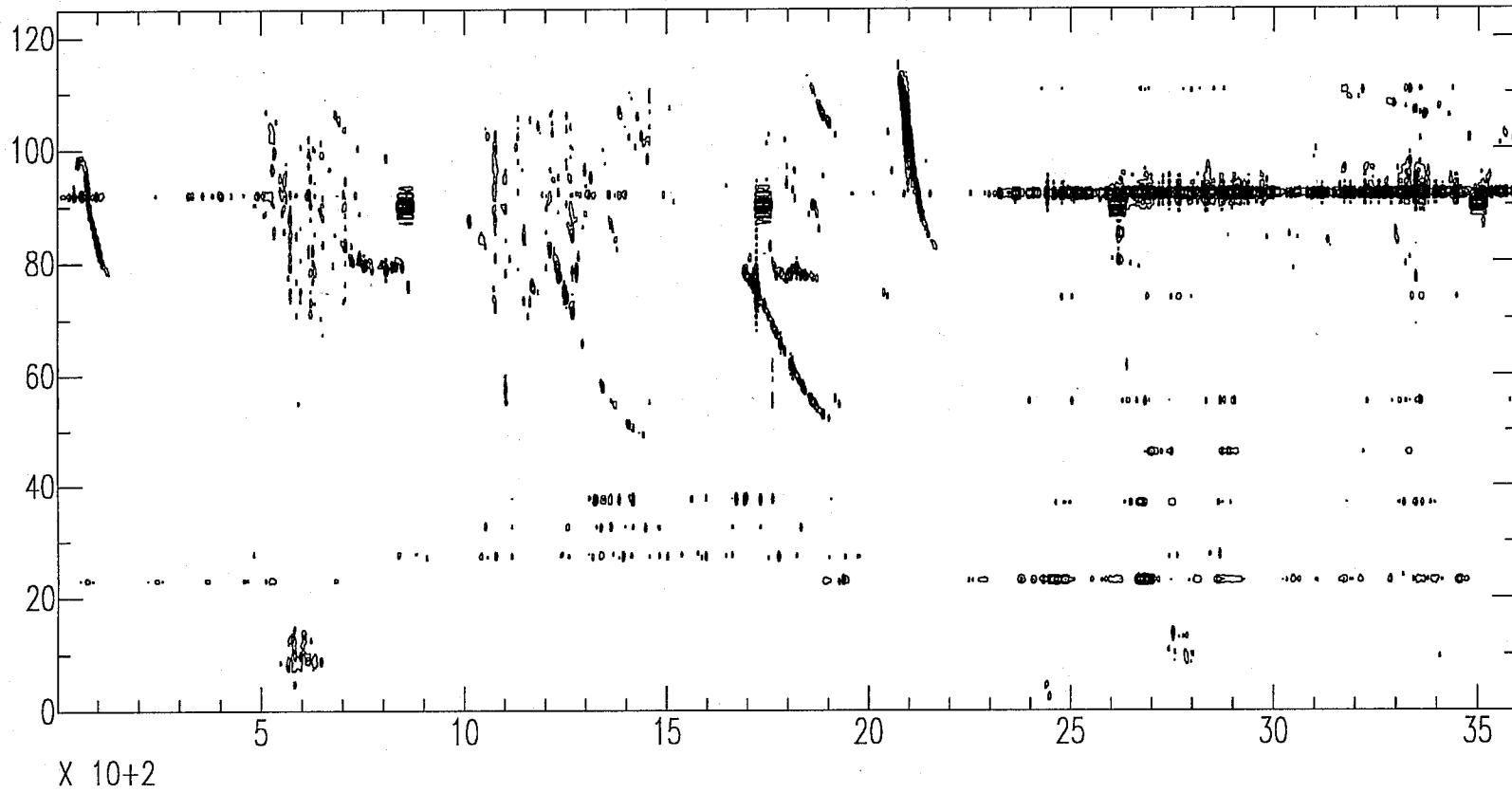
Spectrograms for 24-Hour Periods

LIGO Southwest End Day 338

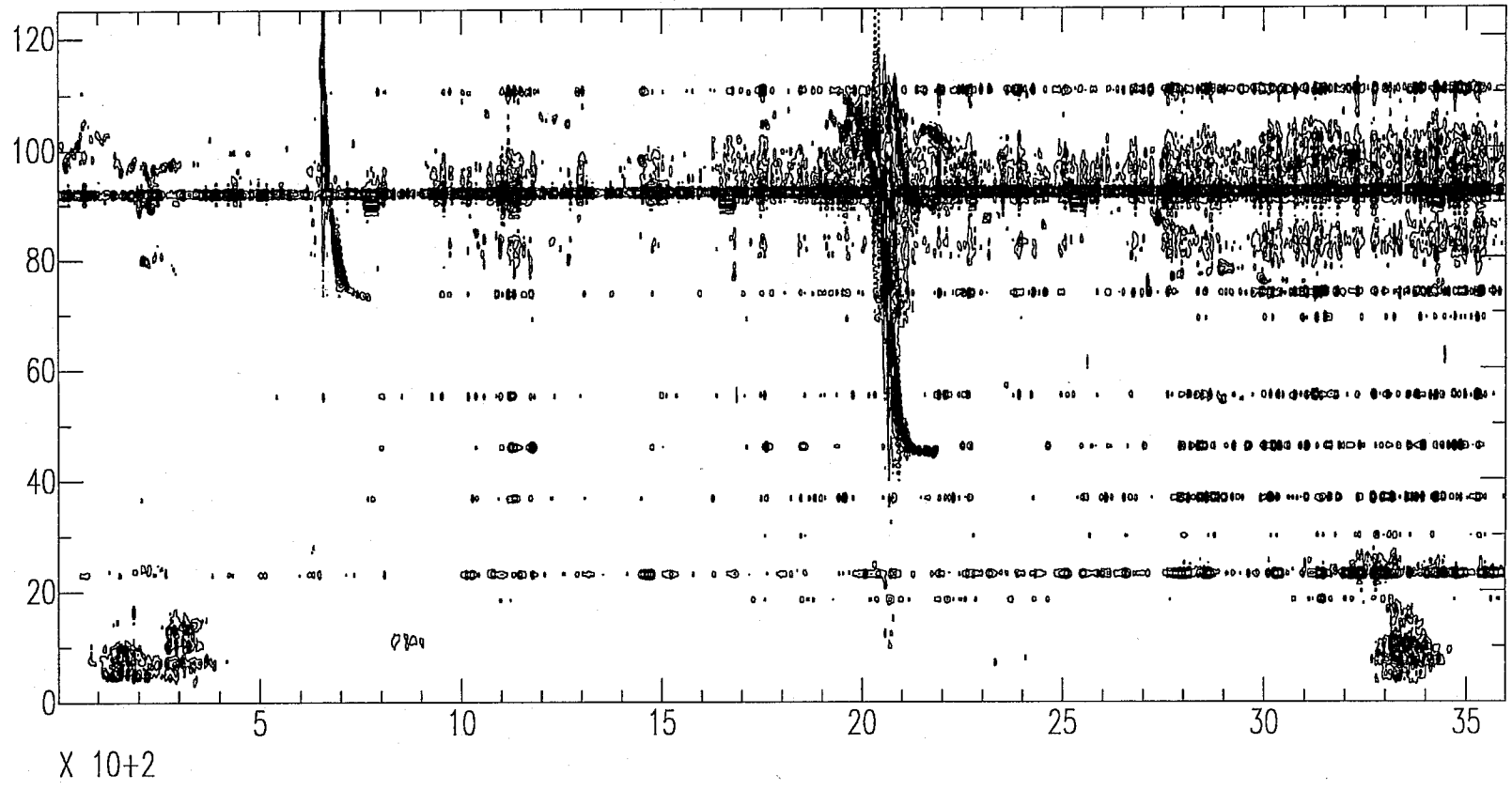
Vertical Component Acceleration

Hour 00 00:08 - 01:08 GMT
Hour 01 01:08 - 02:08 GMT
Hour 02 02:08 - 03:08 GMT
Hour 02 03:08 - 04:08 GMT
Hour 04 04:08 - 05:08 GMT
Hour 05 05:08 - 06:08 GMT
Hour 06 06:08 - 07:08 GMT
Hour 07 07:08 - 08:08 GMT
Hour 08 08:08 - 09:08 GMT
Hour 09 09:08 - 10:08 GMT
Hour 10 10:08 - 11:08 GMT
Hour 11 11:08 - 12:08 GMT
Hour 12 12:08 - 13:08 GMT
Hour 13 13:08 - 14:08 GMT
Hour 14 14:08 - 15:08 GMT
Hour 15 15:08 - 16:08 GMT
Hour 16 16:08 - 17:08 GMT
Hour 17 17:08 - 18:08 GMT
Hour 18 18:08 - 19:08 GMT
Hour 19 19:08 - 20:08 GMT
Hour 20 20:08 - 21:08 GMT
Hour 21 21:08 - 22:08 GMT
Hour 22 22:08 - 23:08 GMT
Hour 23 23:08 - 24:08 GMT

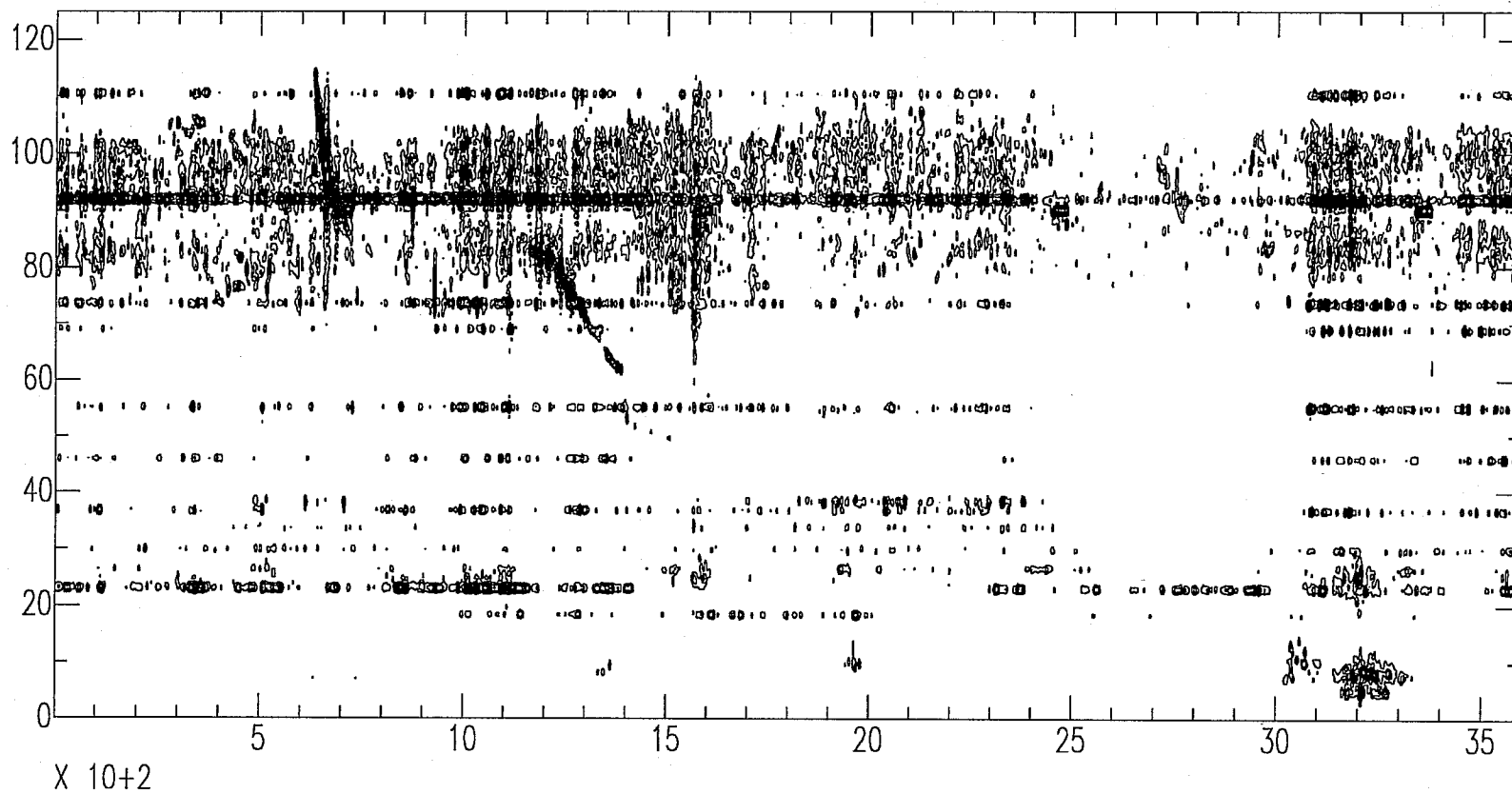
338.00.1.sac



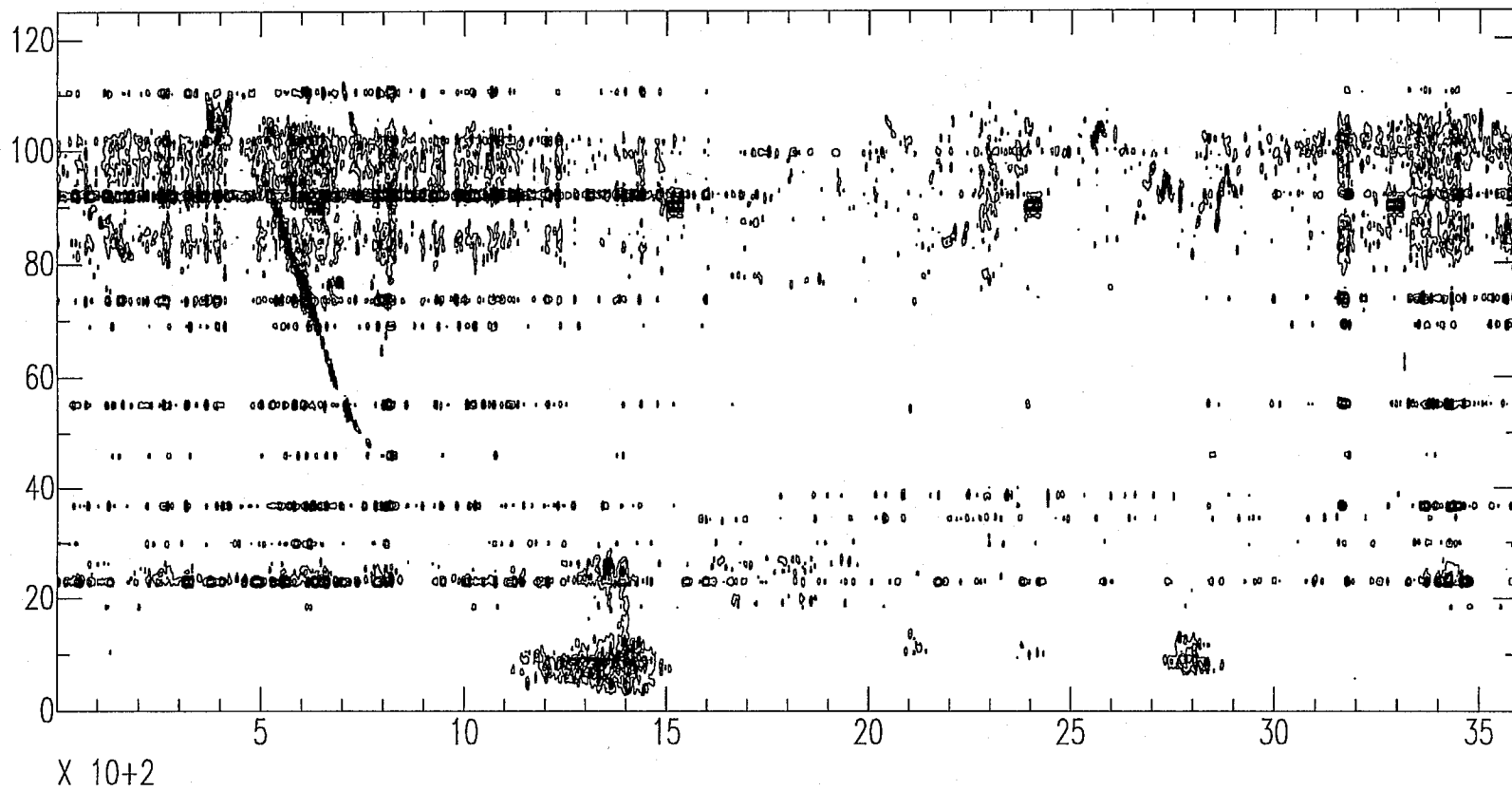
338.01.1.sac



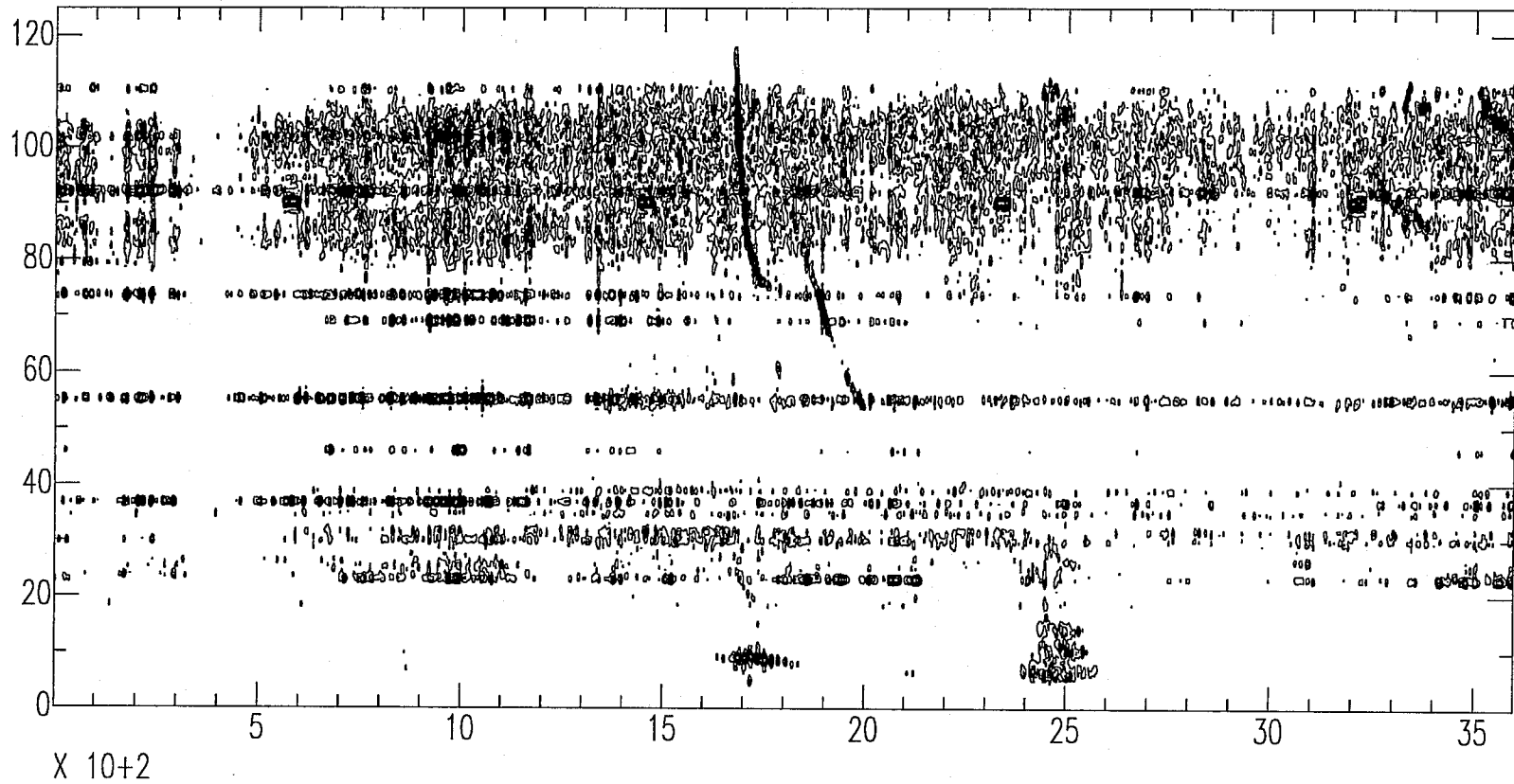
338.02.1.soc



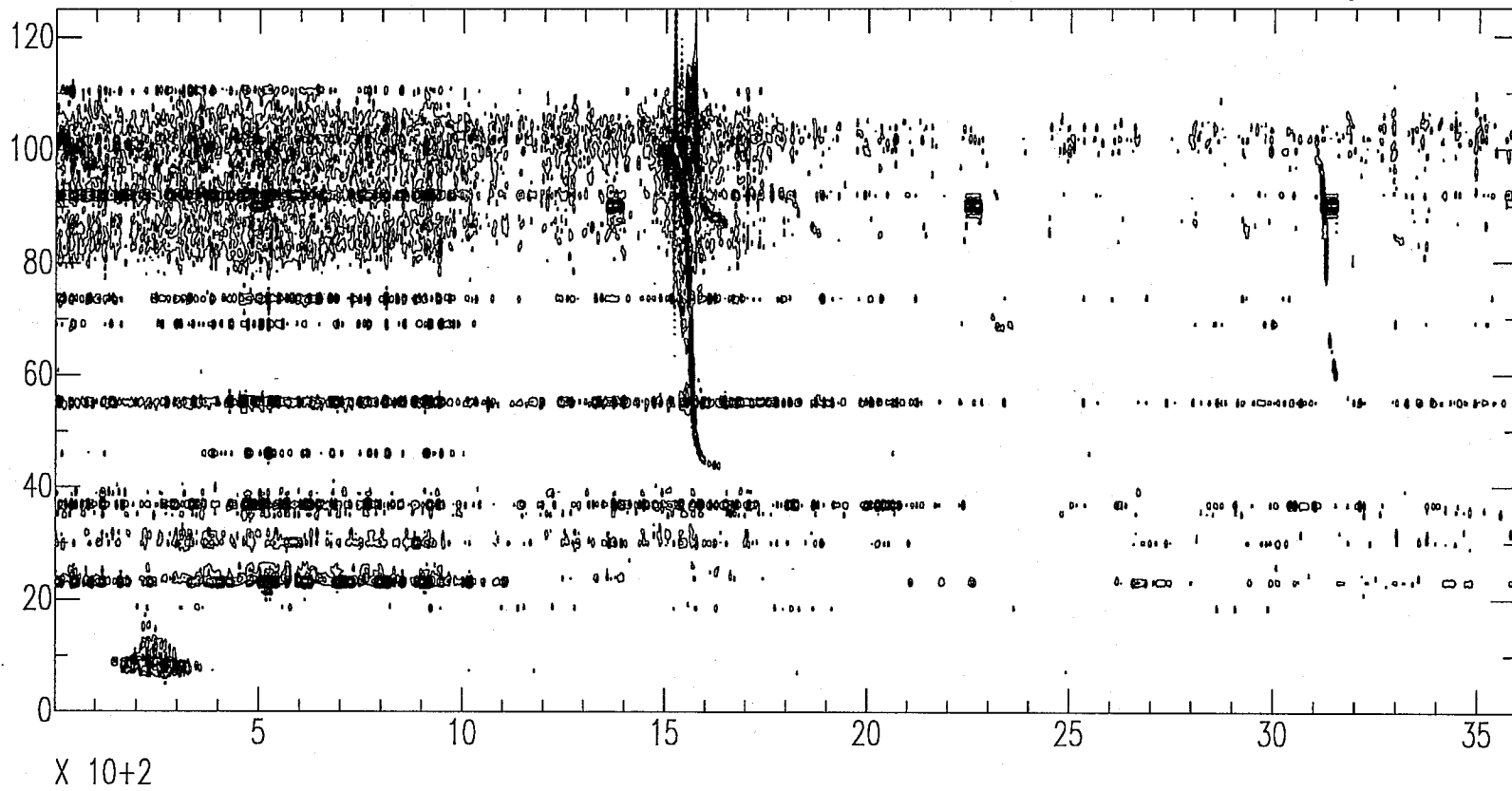
338.03.1.soc



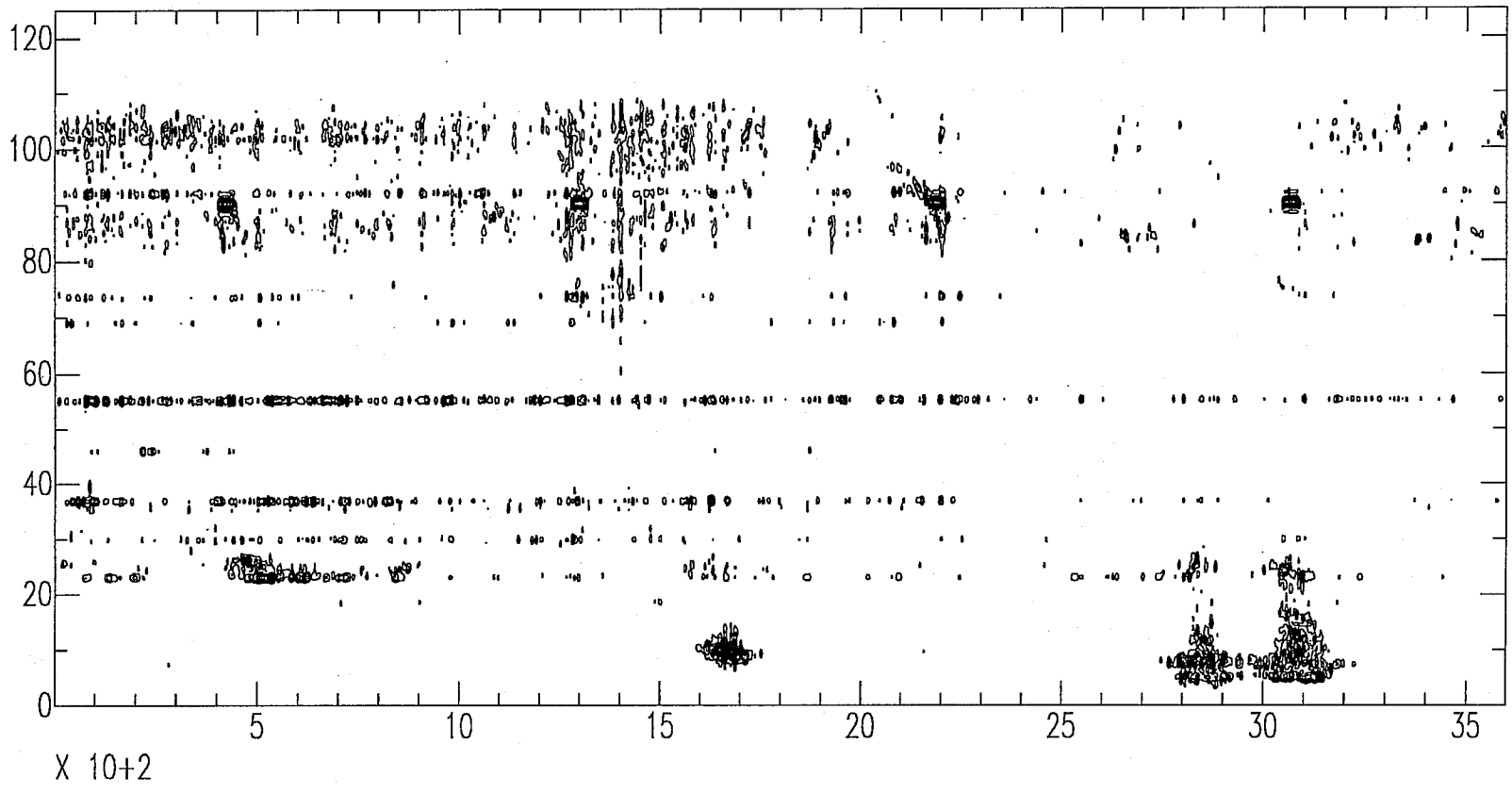
338.04.1.sac



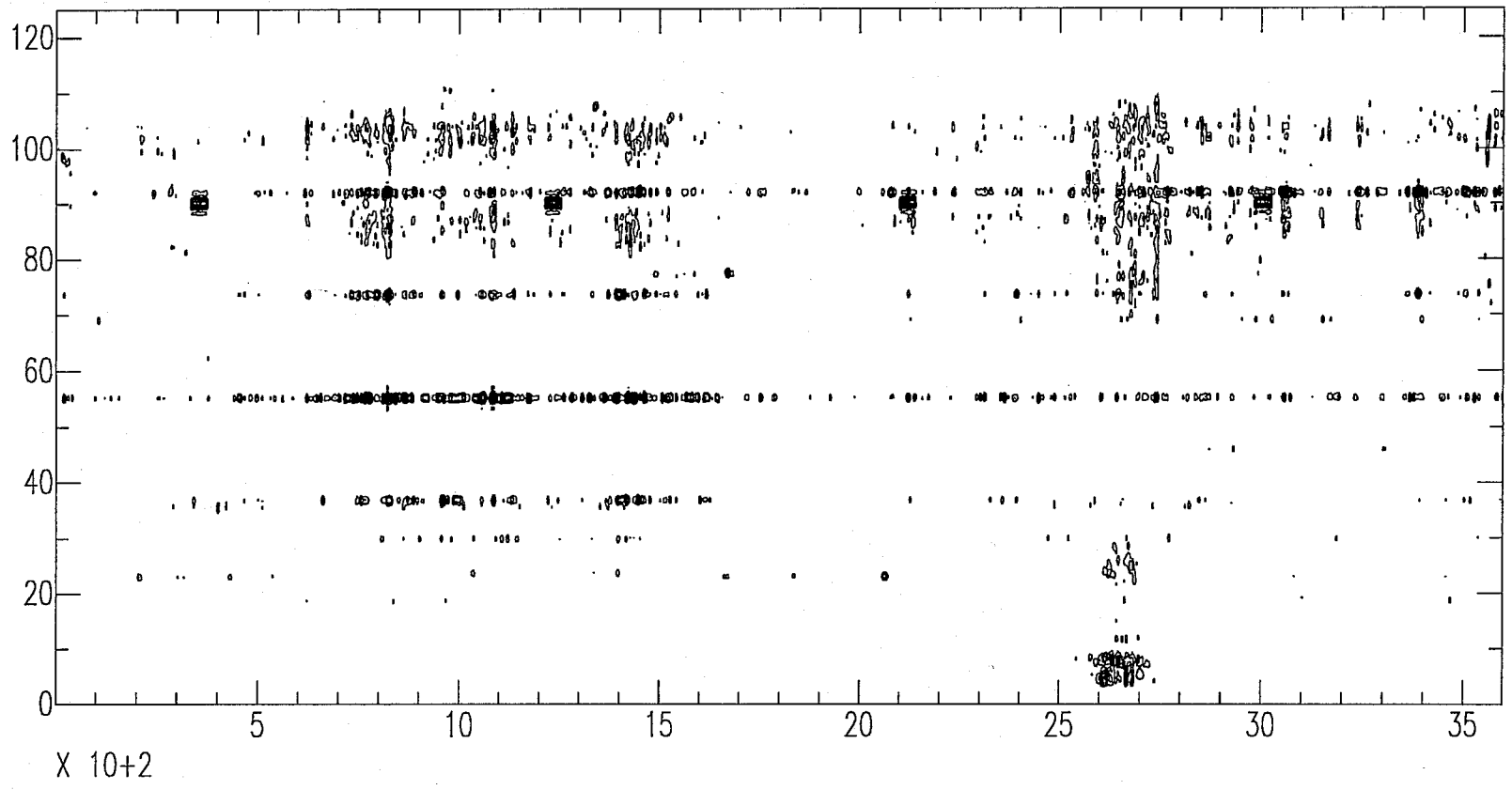
338.05.1.sac



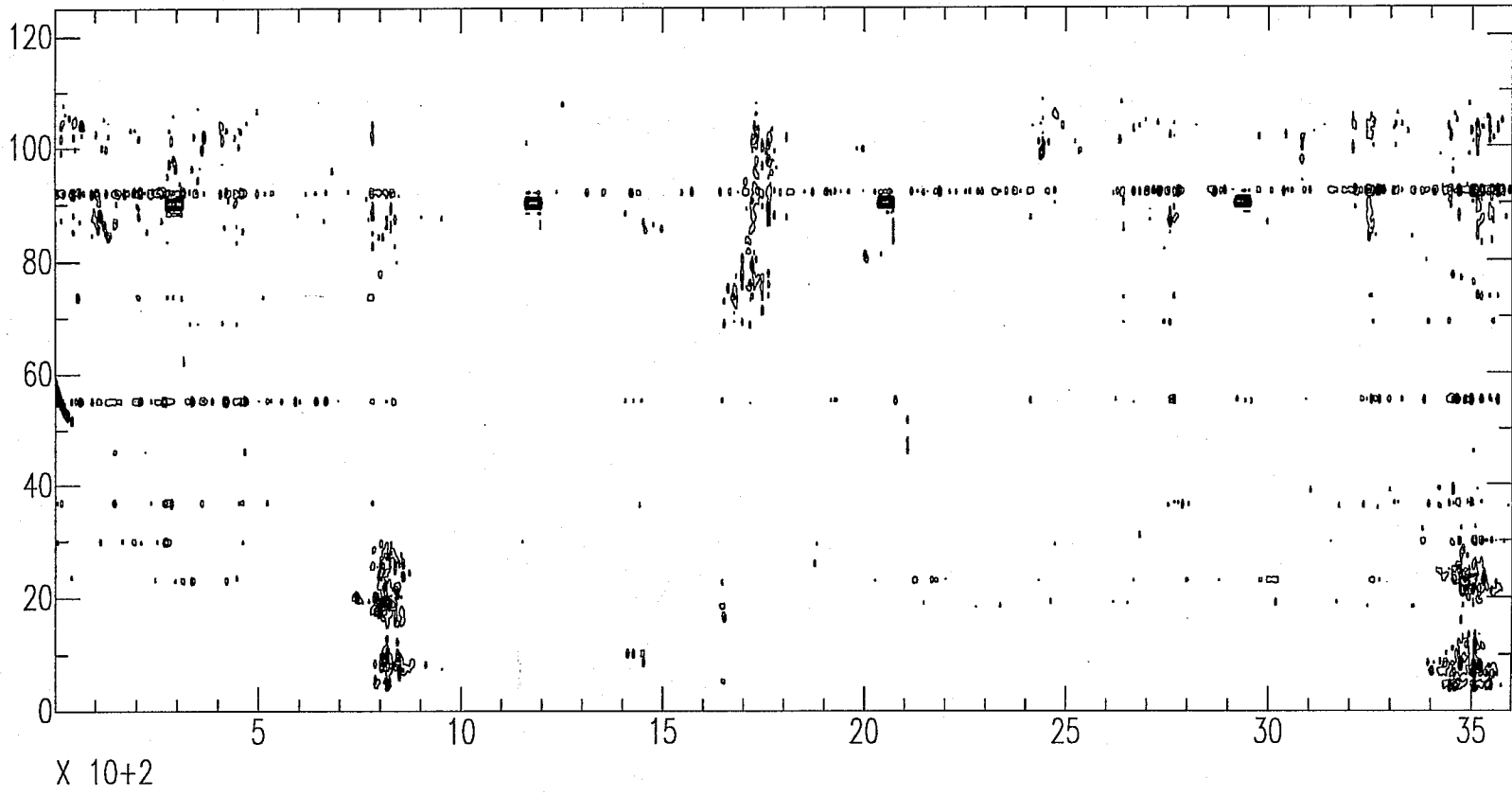
338.06.1.sac



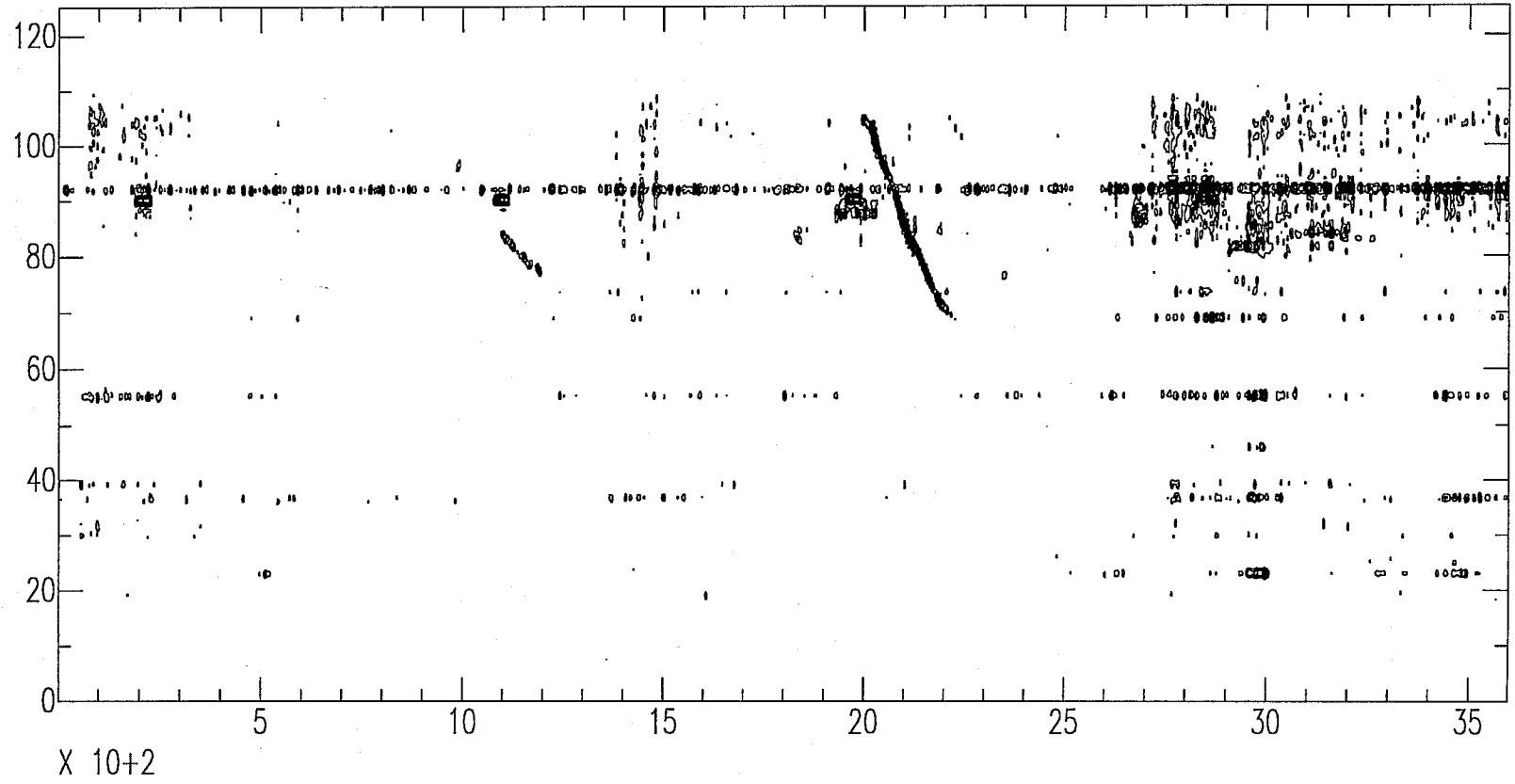
338.07.1.sac



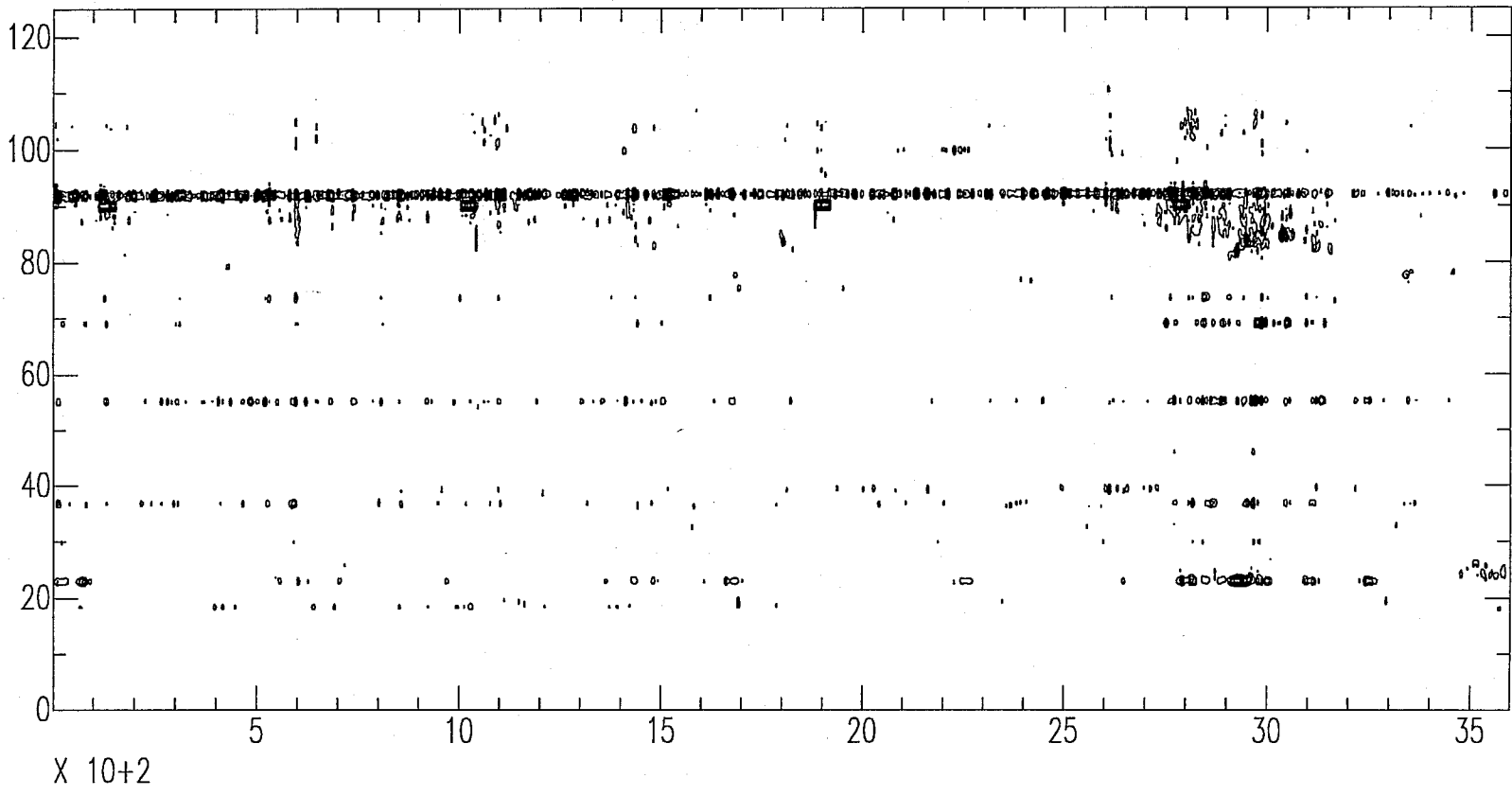
338.08.1.sac



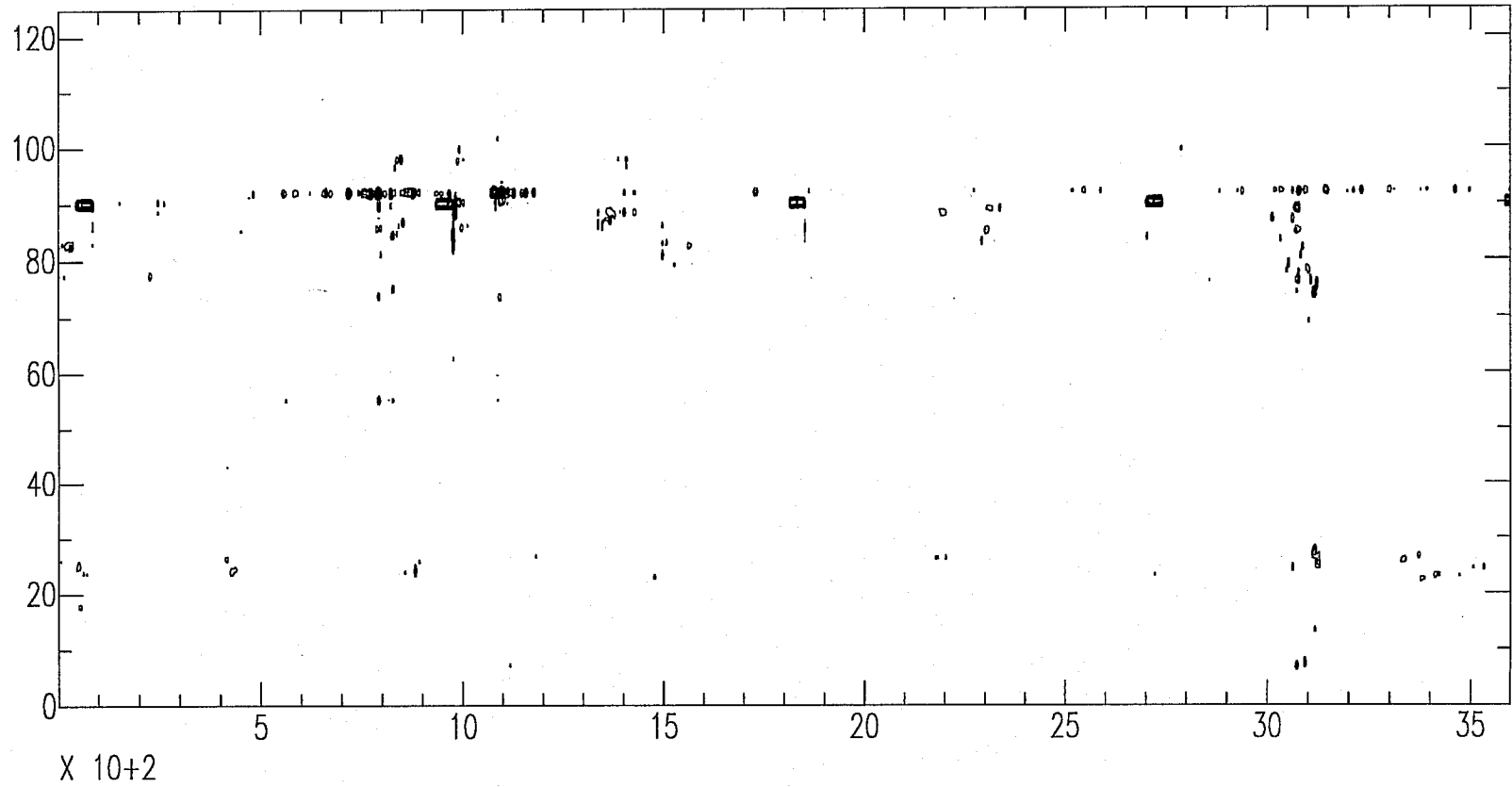
338.09.1.sac



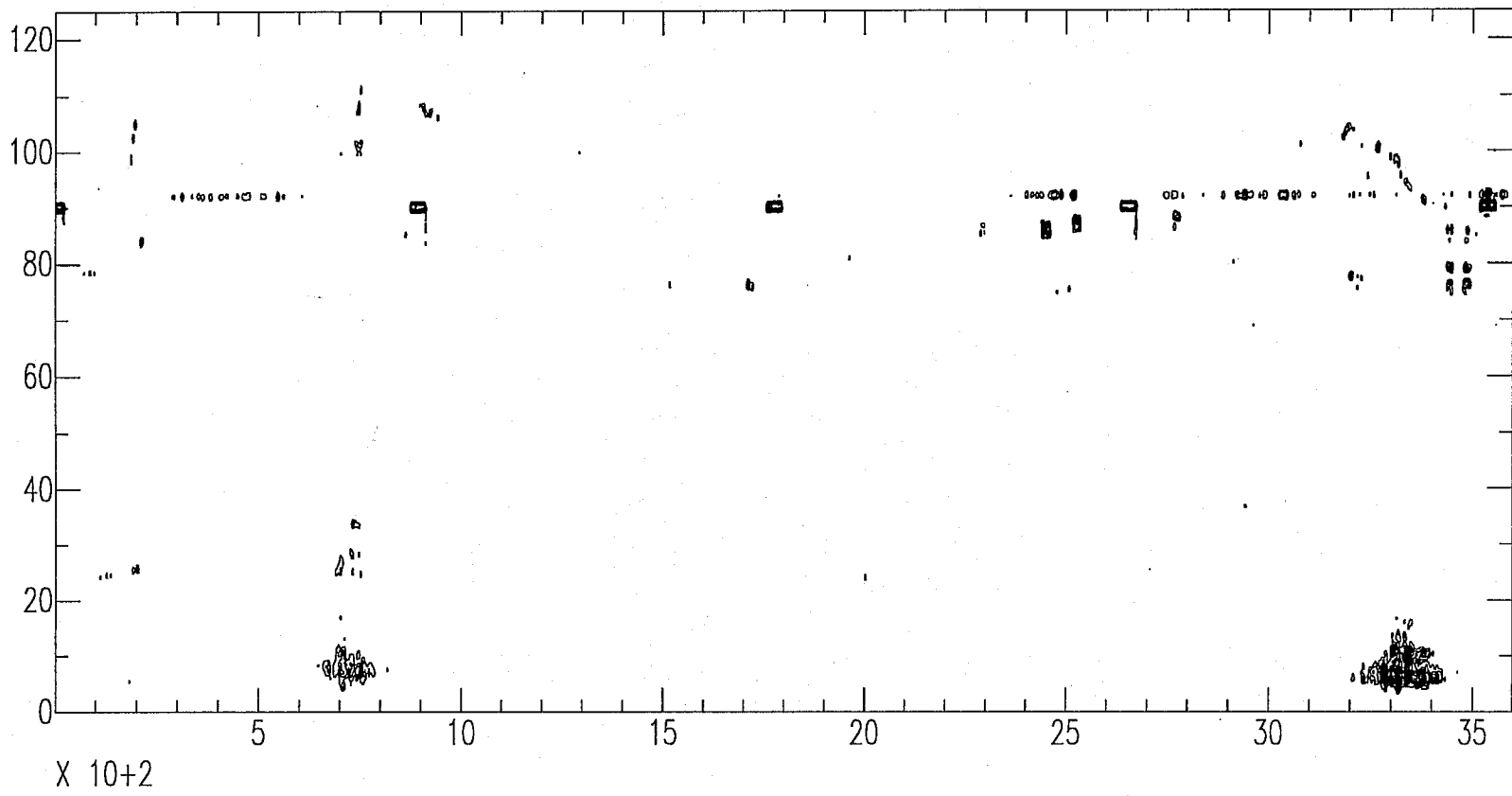
338.10.1.sac



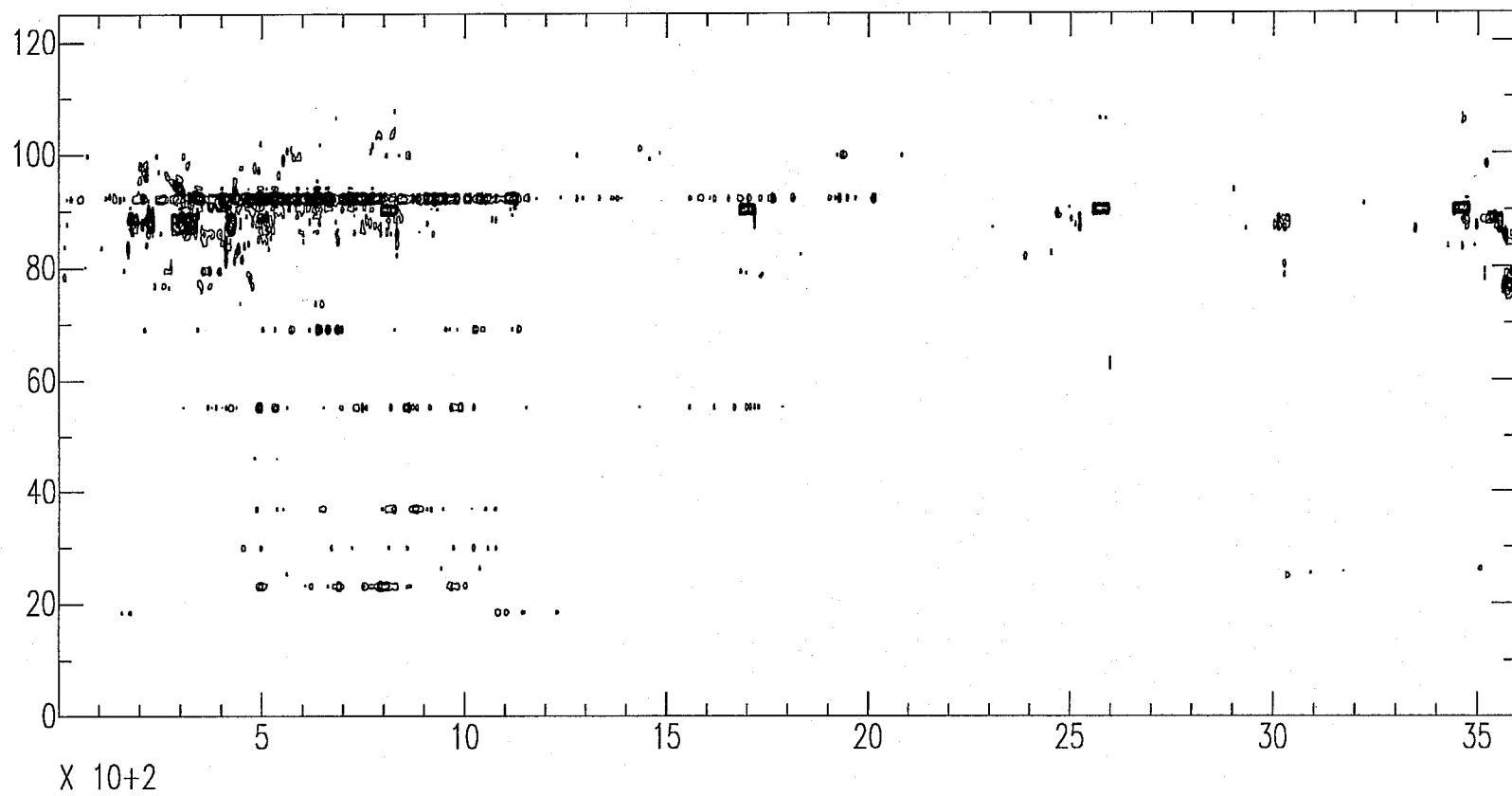
338.11.1.soc

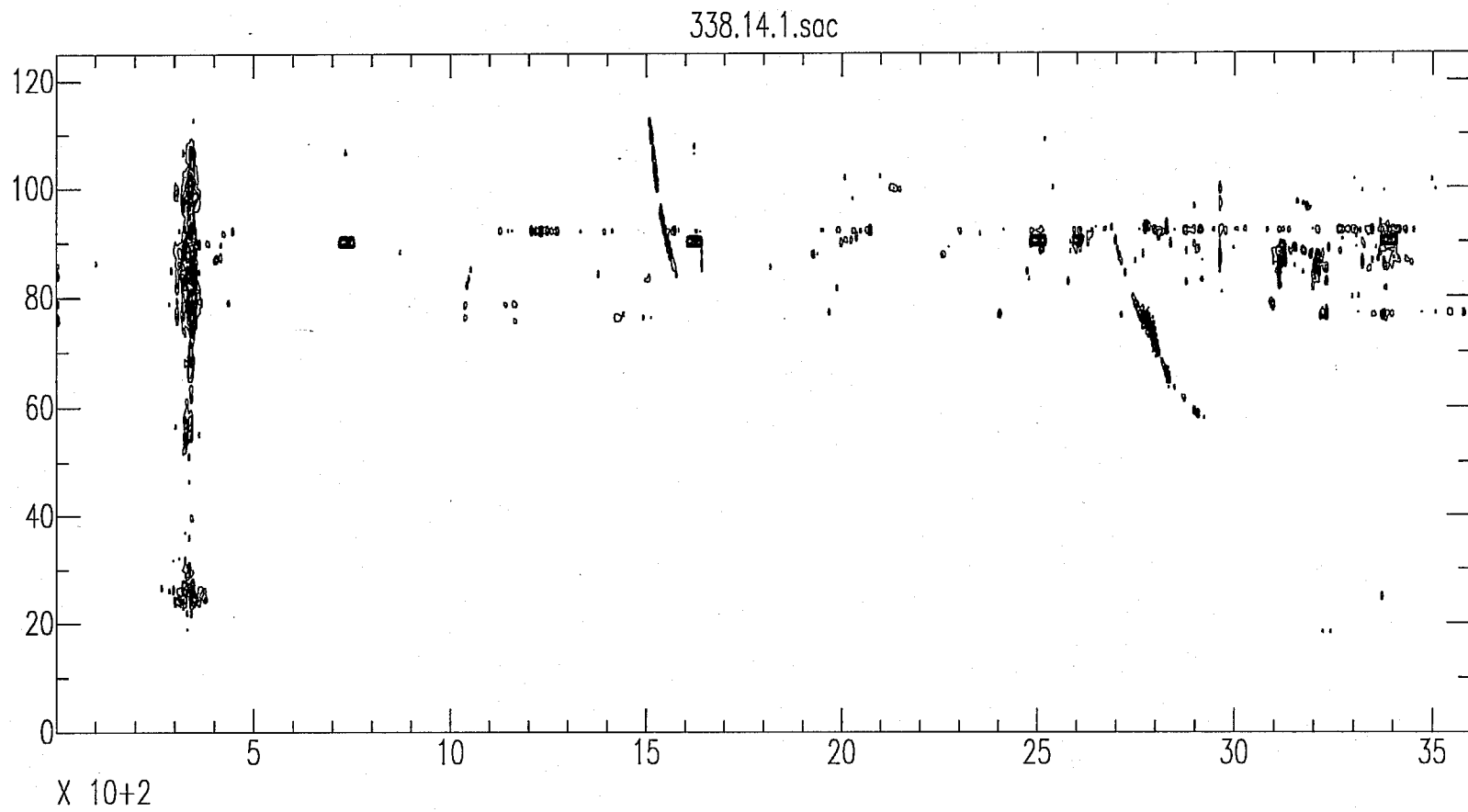


338.12.1.sac

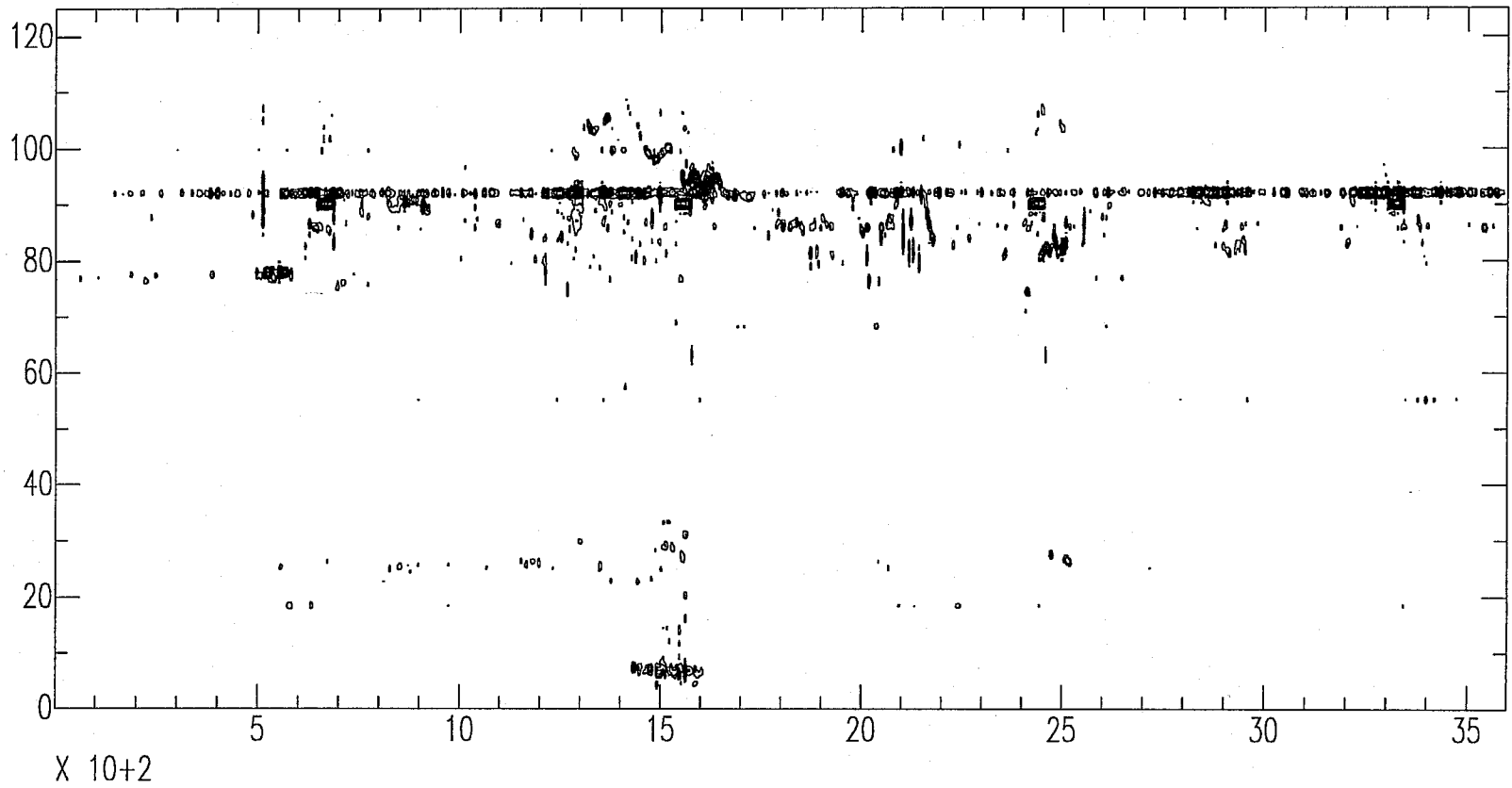


338.13.1.sac

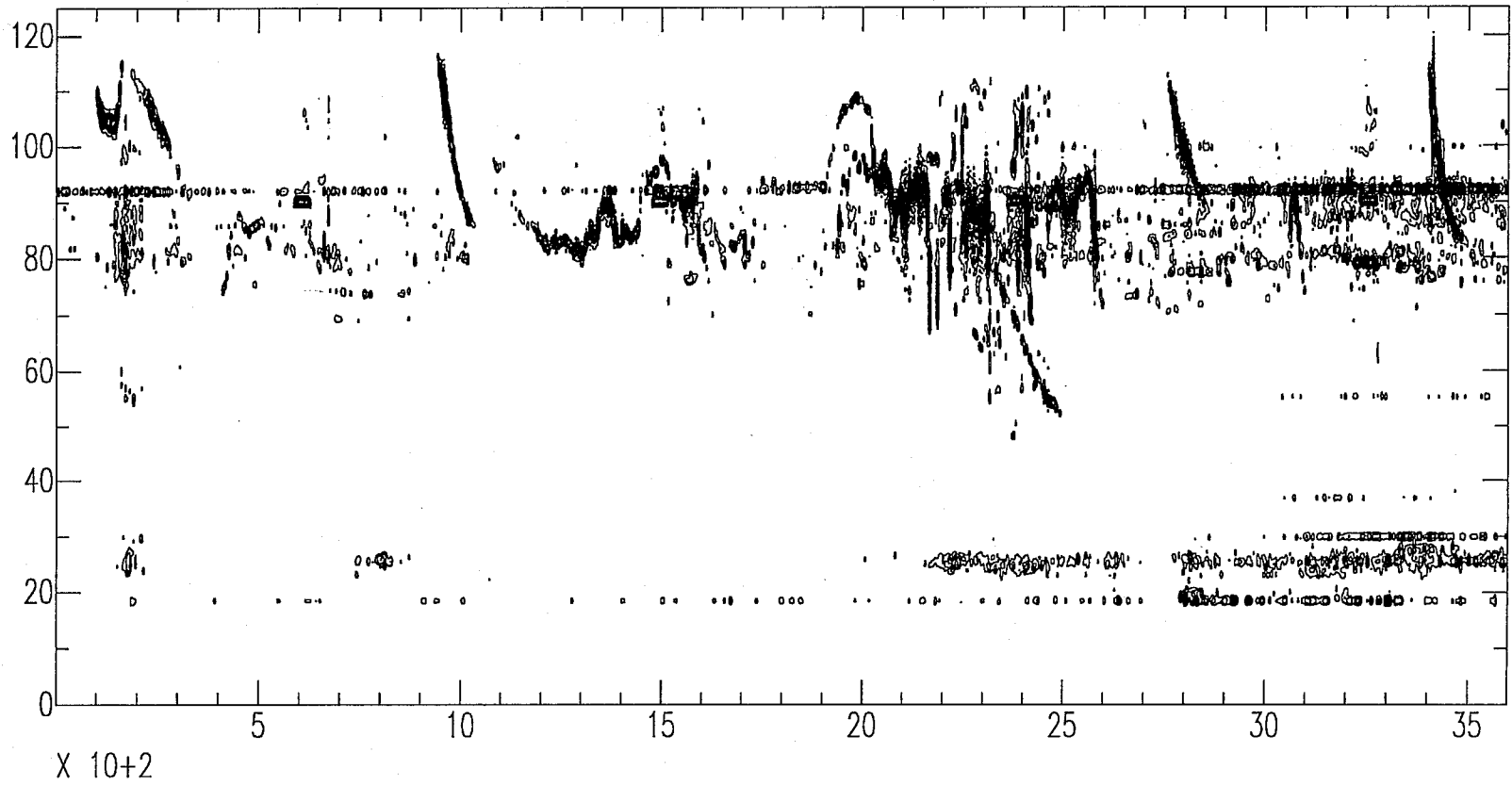




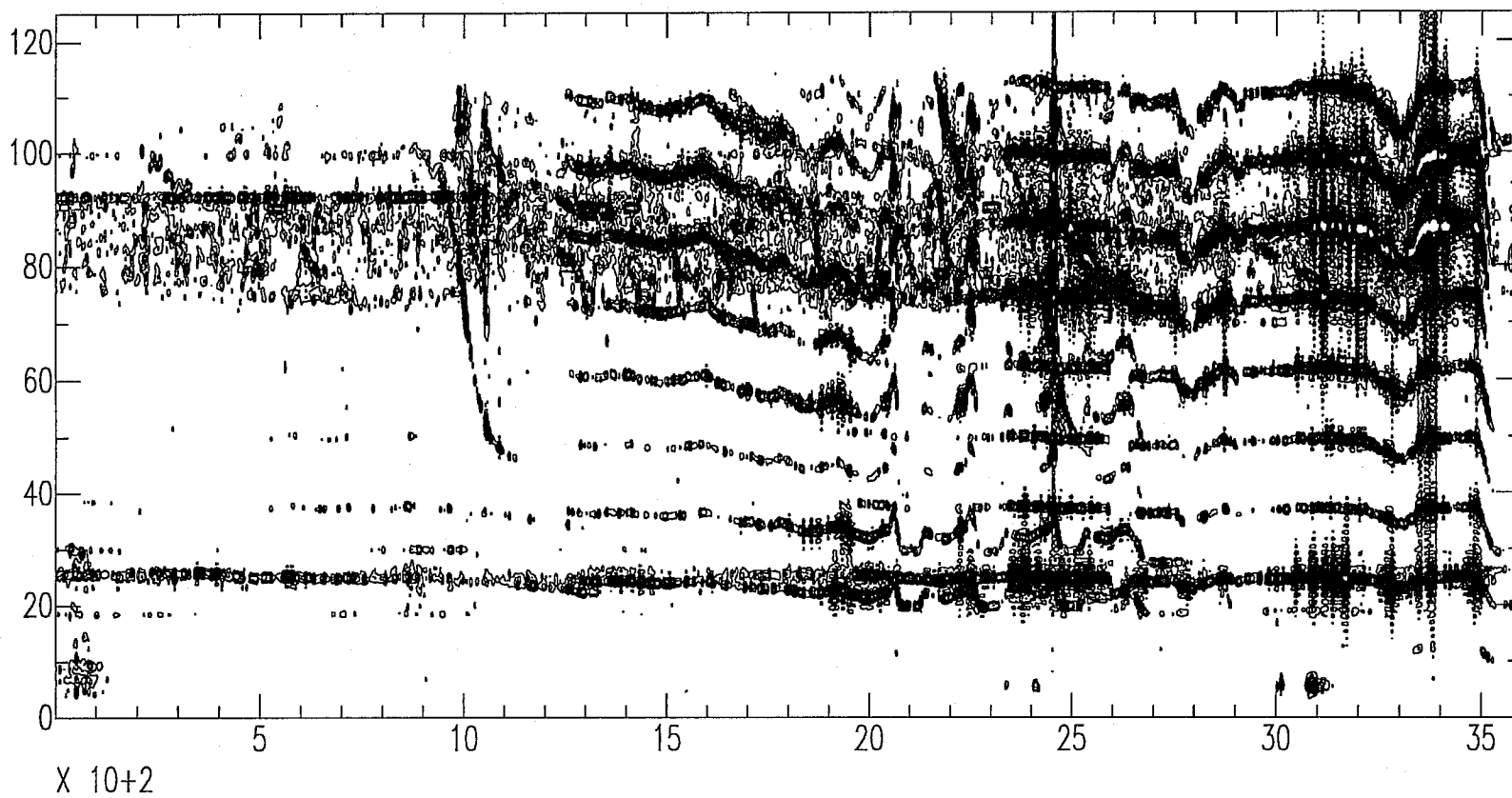
338.15.1.sac



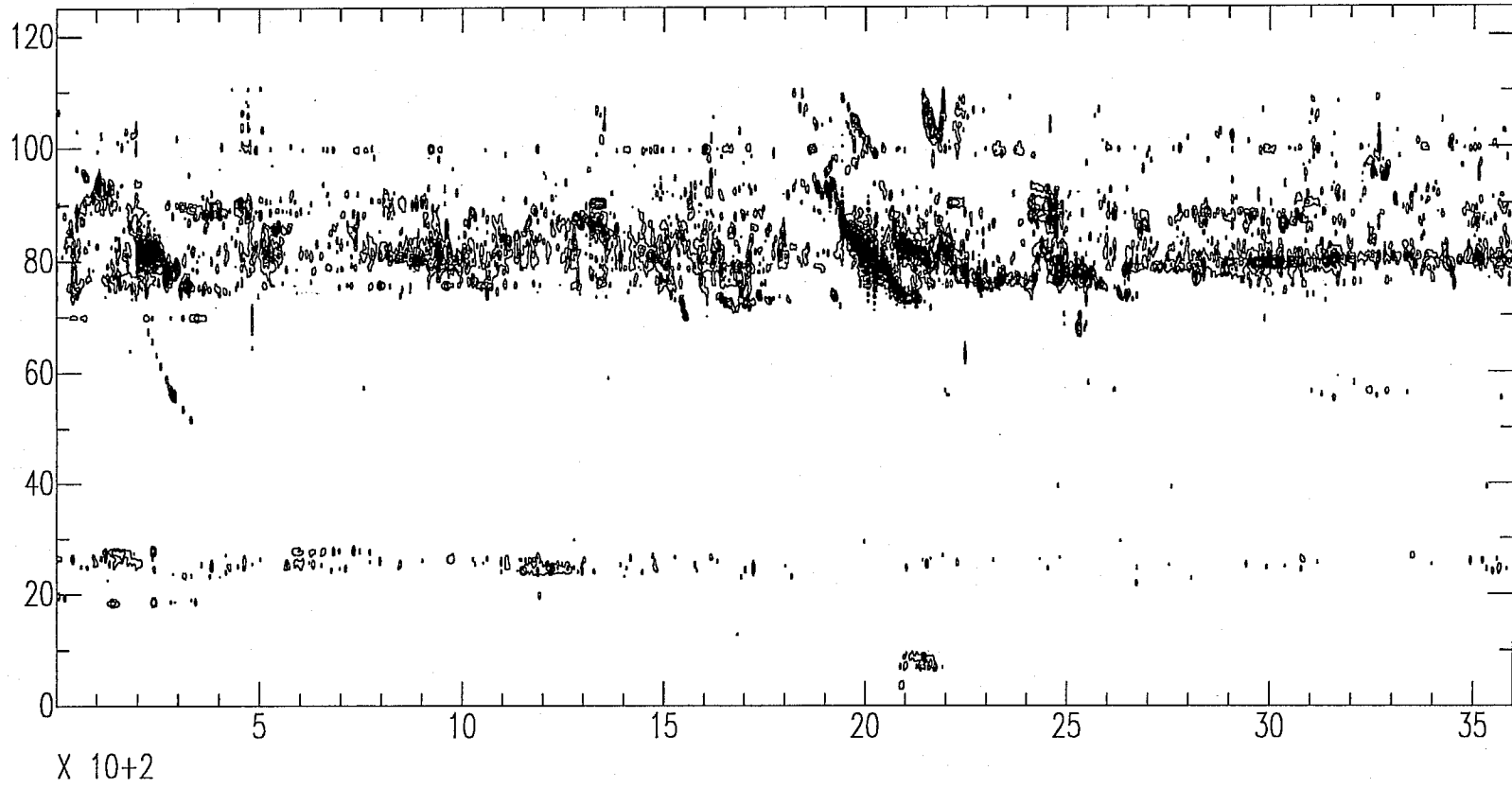
338.16.1.soc



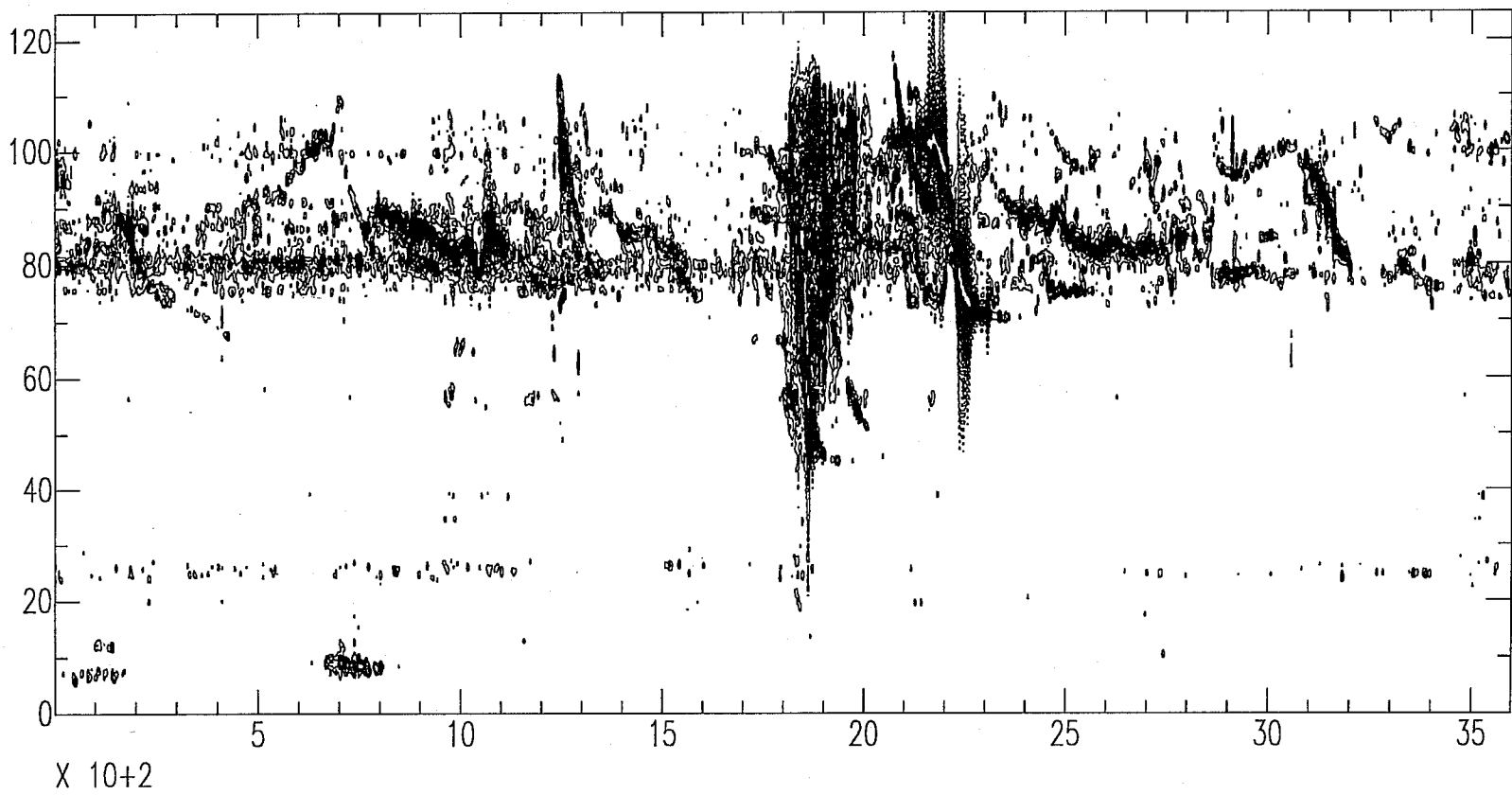
338.17.1.sac



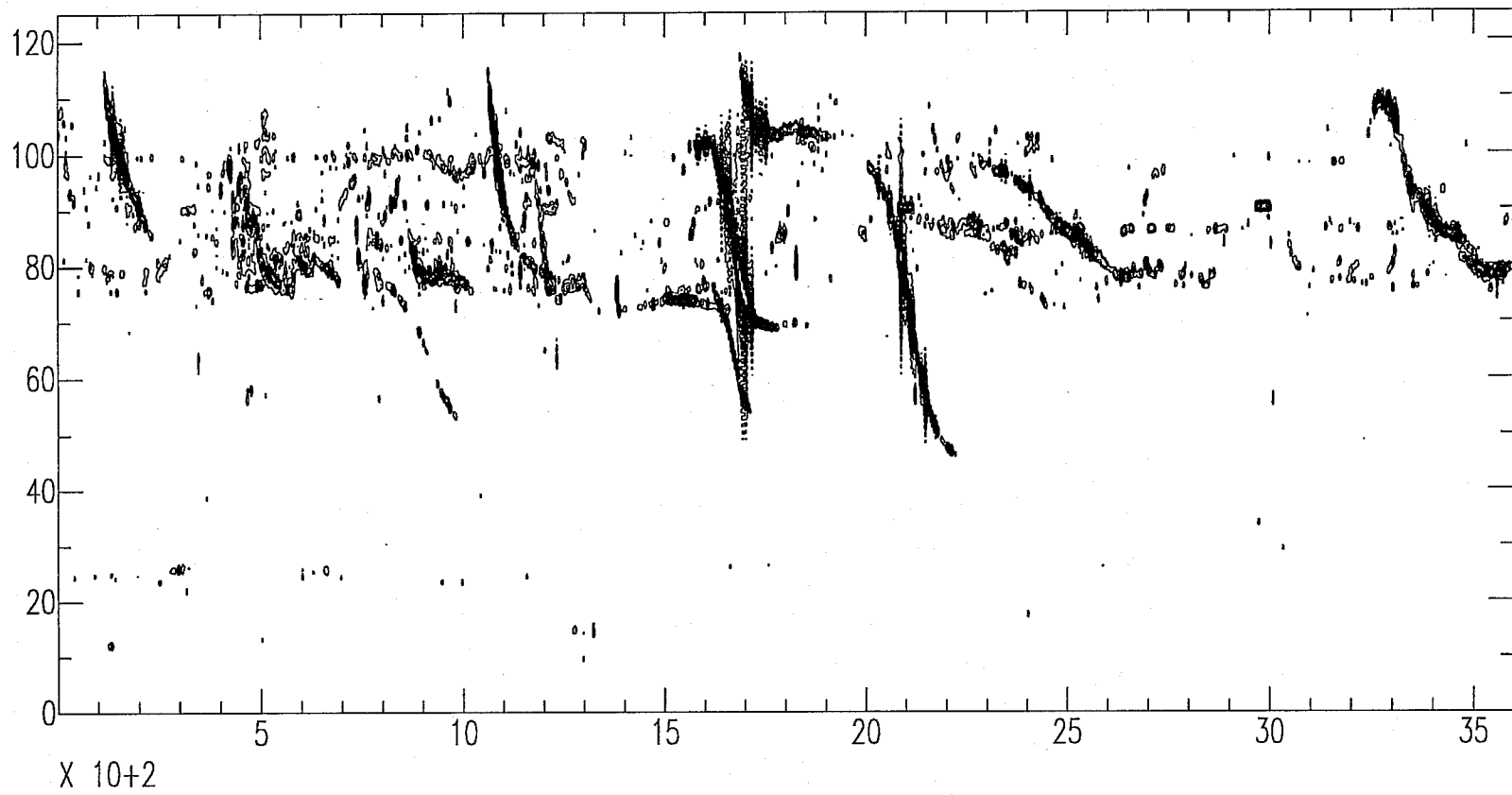
338.18.1.sac



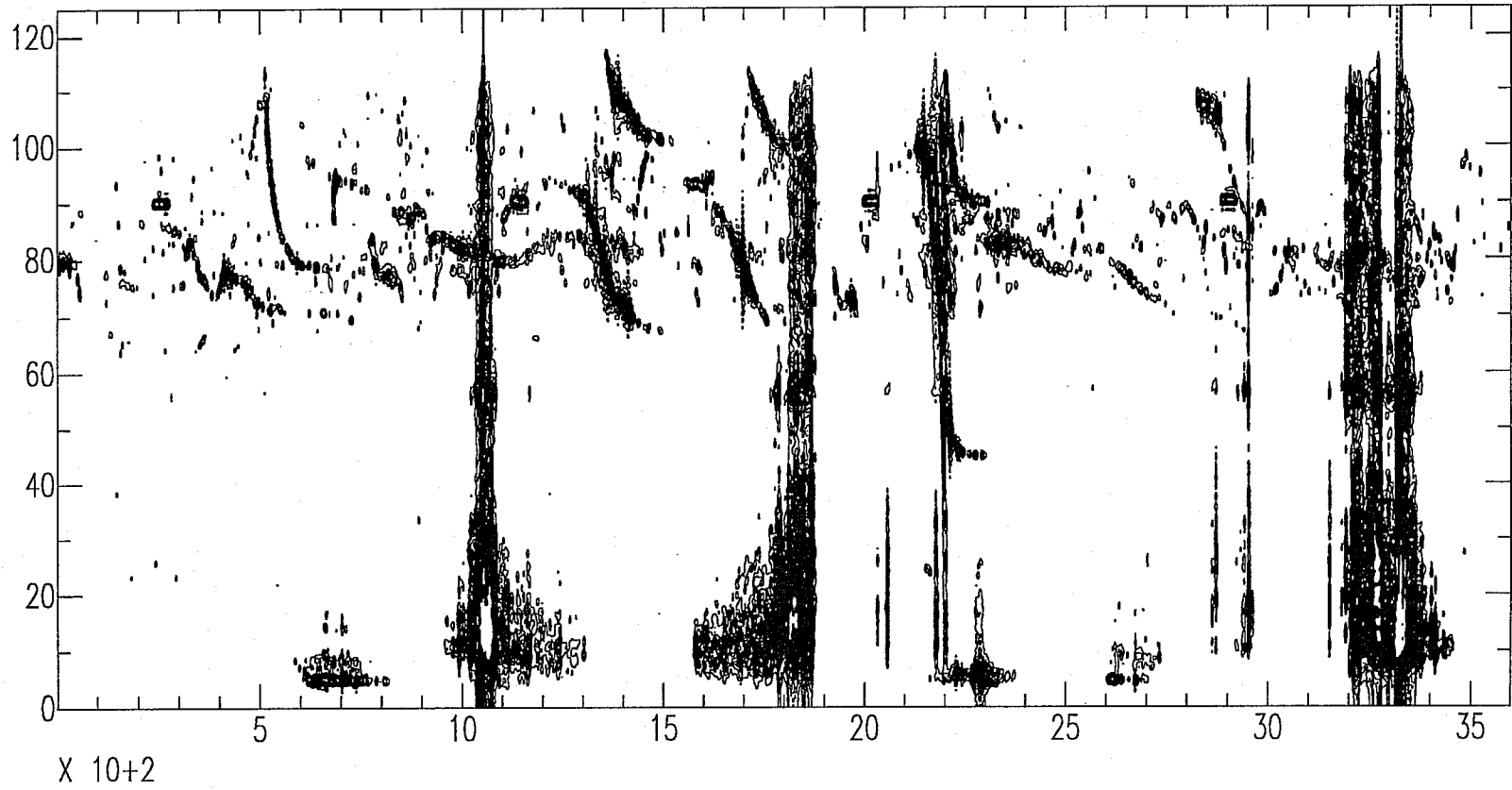
338.19.1.sac



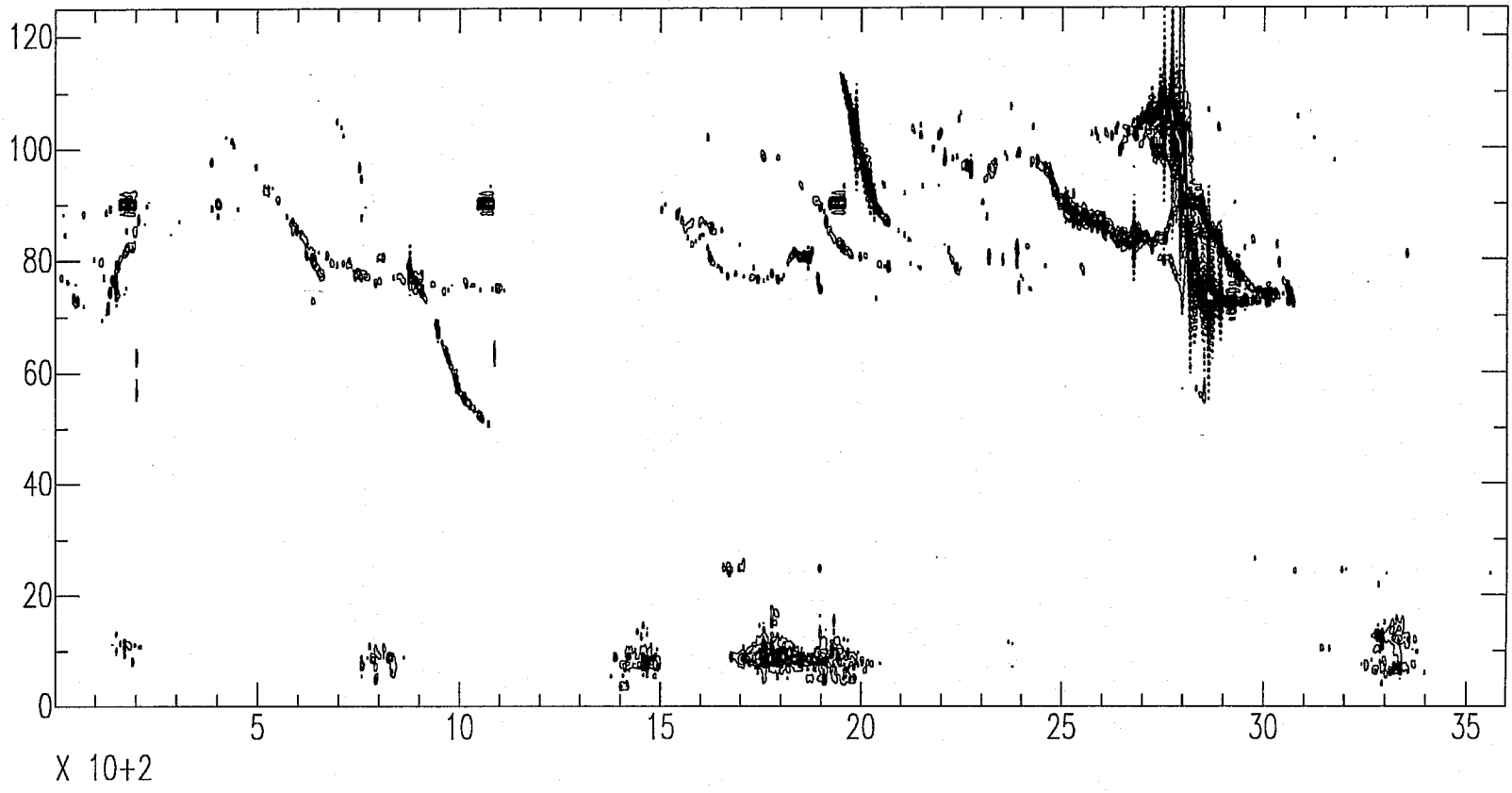
338.20.1.sac



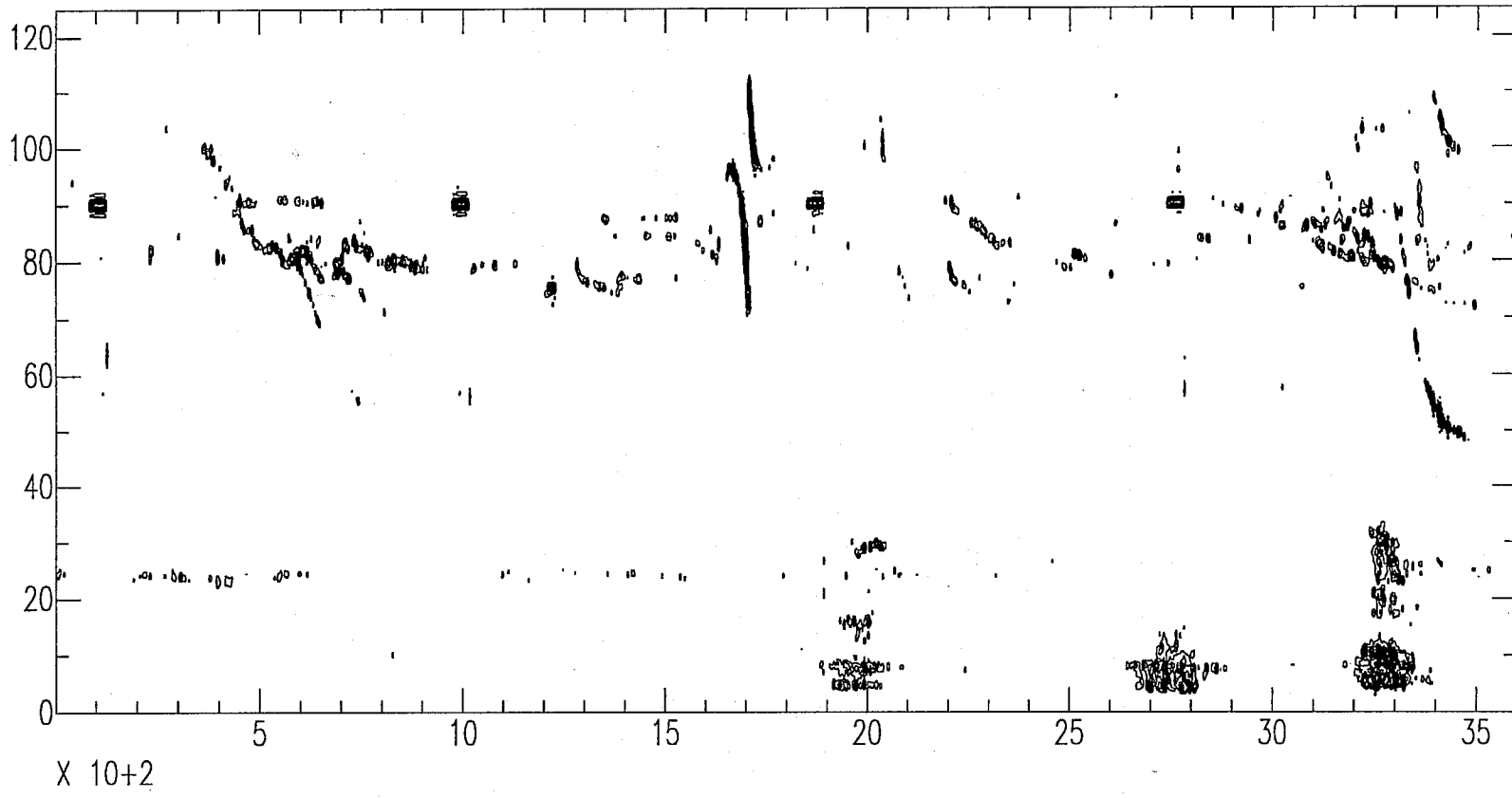
338.21.1.sac



338.22.1.ssc



338.23.1.sac



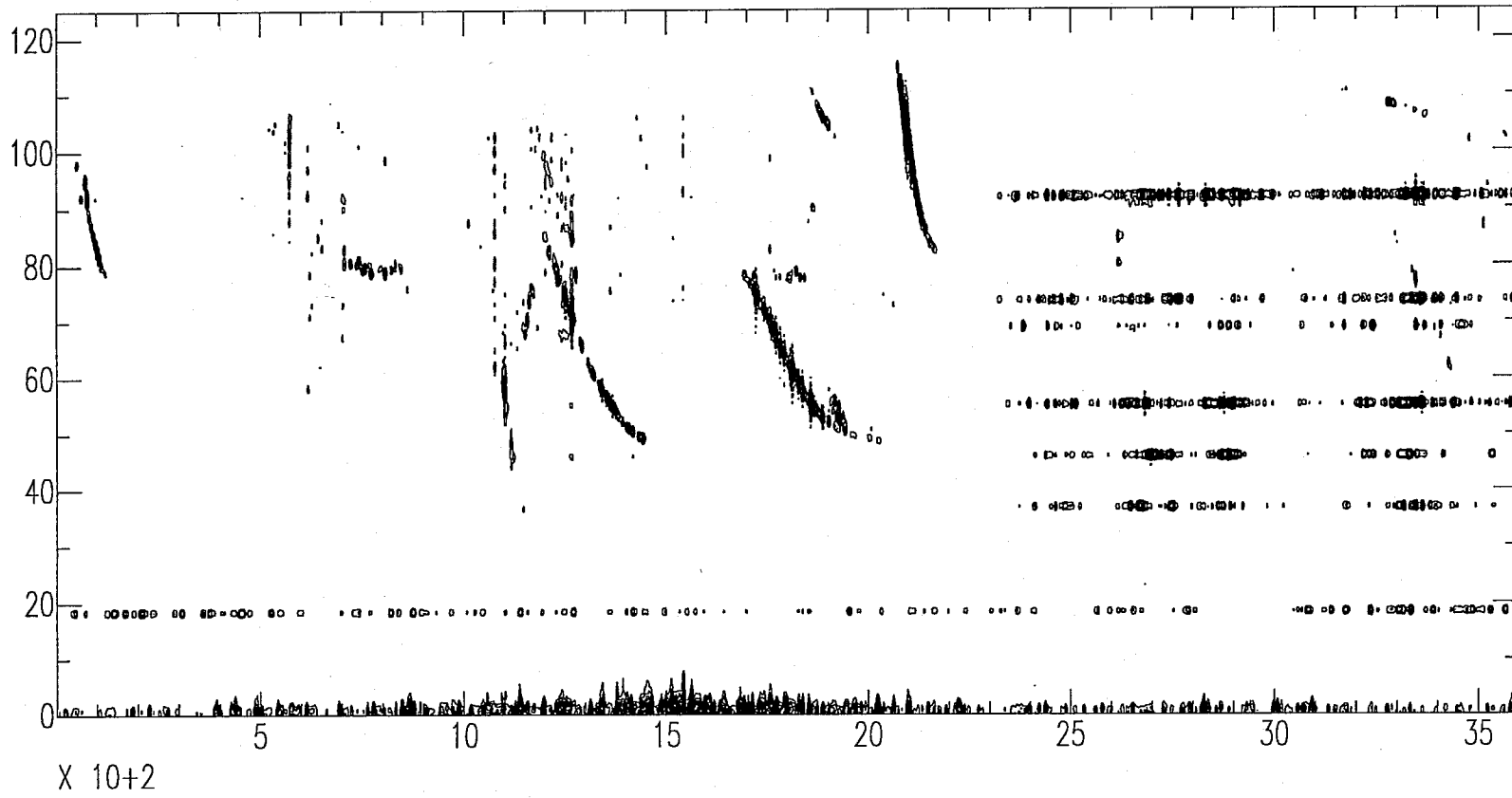
Spectrograms for 24-Hour Periods

LIGO Southwest End Day 338

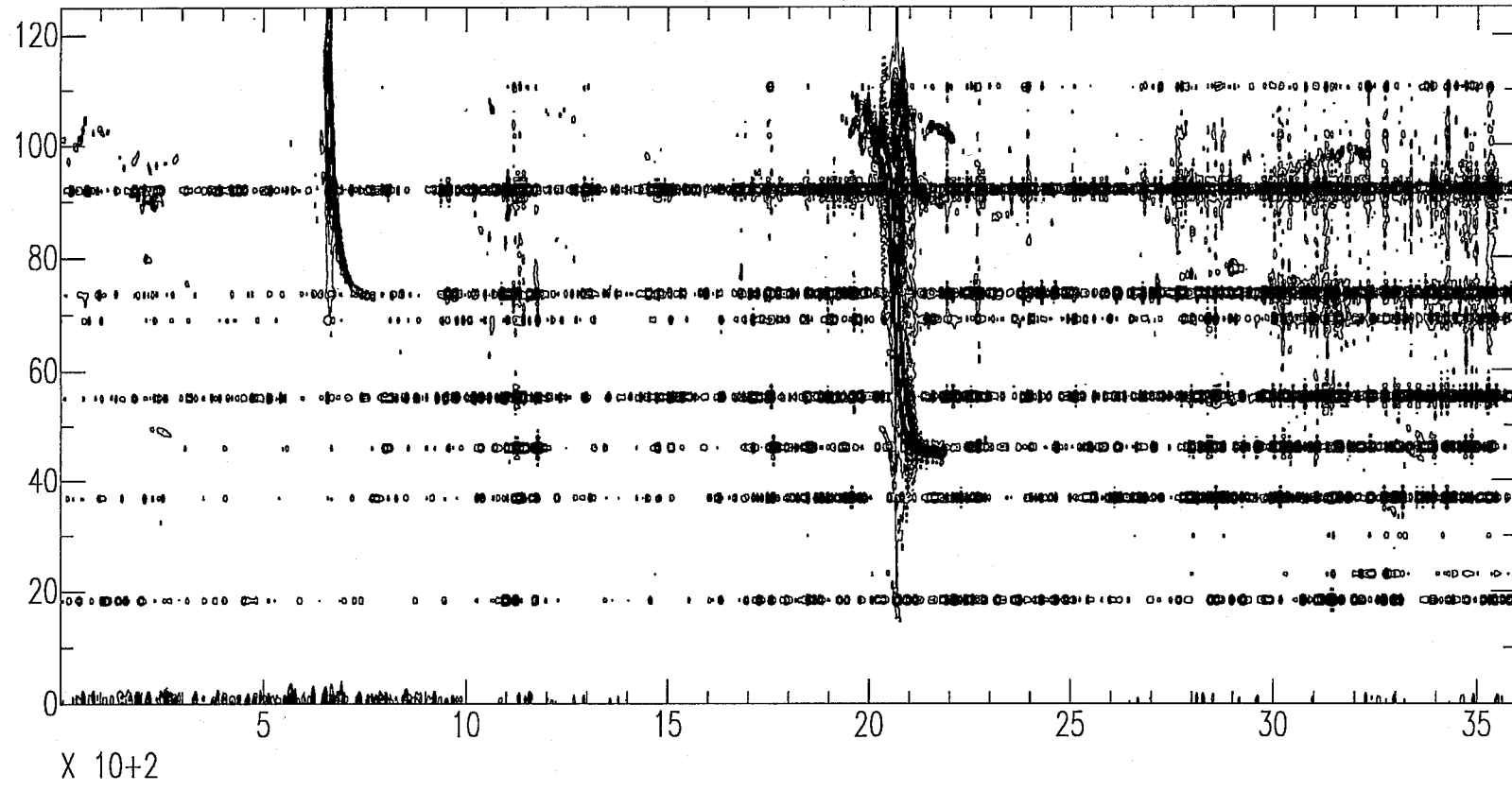
Infrasonic Microphone (Pressure)

Hour 00 00:08 - 01:08 GMT
Hour 01 01:08 - 02:08 GMT
Hour 02 02:08 - 03:08 GMT
Hour 02 03:08 - 04:08 GMT
Hour 04 04:08 - 05:08 GMT
Hour 05 05:08 - 06:08 GMT
Hour 06 06:08 - 07:08 GMT
Hour 07 07:08 - 08:08 GMT
Hour 08 08:08 - 09:08 GMT
Hour 09 09:08 - 10:08 GMT
Hour 10 10:08 - 11:08 GMT
Hour 11 11:08 - 12:08 GMT
Hour 12 12:08 - 13:08 GMT
Hour 13 13:08 - 14:08 GMT
Hour 14 14:08 - 15:08 GMT
Hour 15 15:08 - 16:08 GMT
Hour 16 16:08 - 17:08 GMT
Hour 17 17:08 - 18:08 GMT
Hour 18 18:08 - 19:08 GMT
Hour 19 19:08 - 20:08 GMT
Hour 20 20:08 - 21:08 GMT
Hour 21 21:08 - 22:08 GMT
Hour 22 22:08 - 23:08 GMT
Hour 23 23:08 - 24:08 GMT

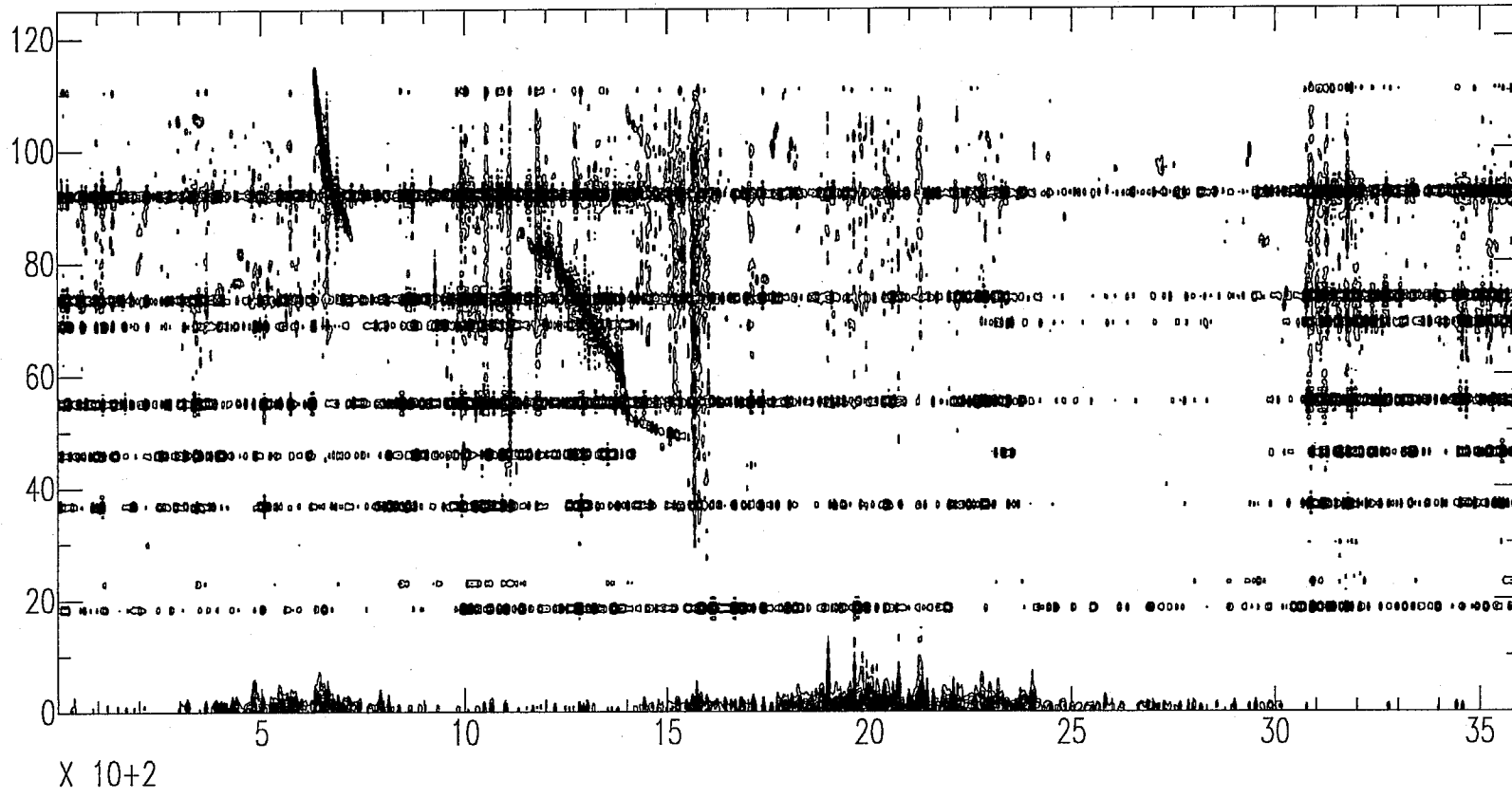
338.00.4.sac



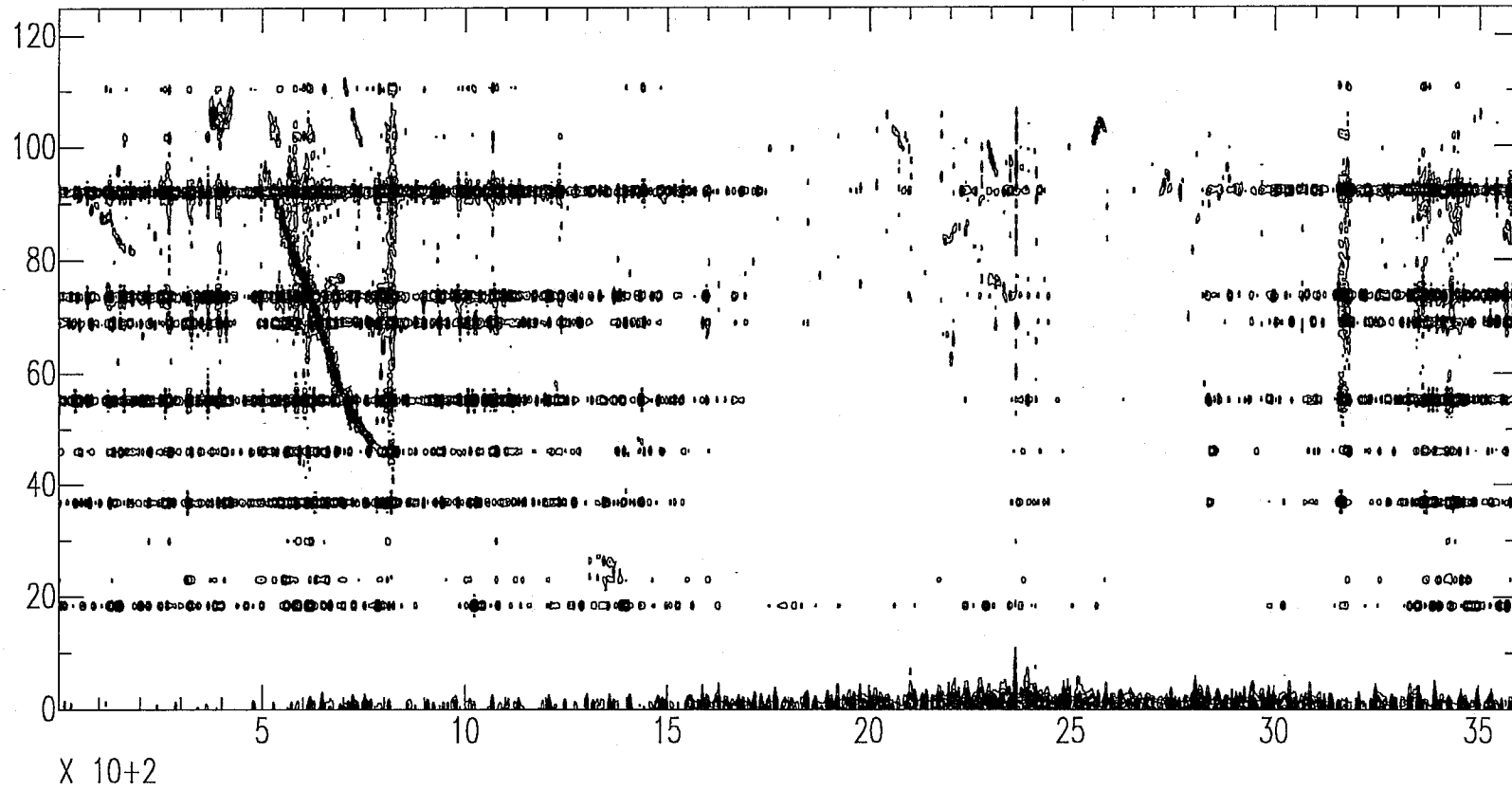
338.01.4.sac



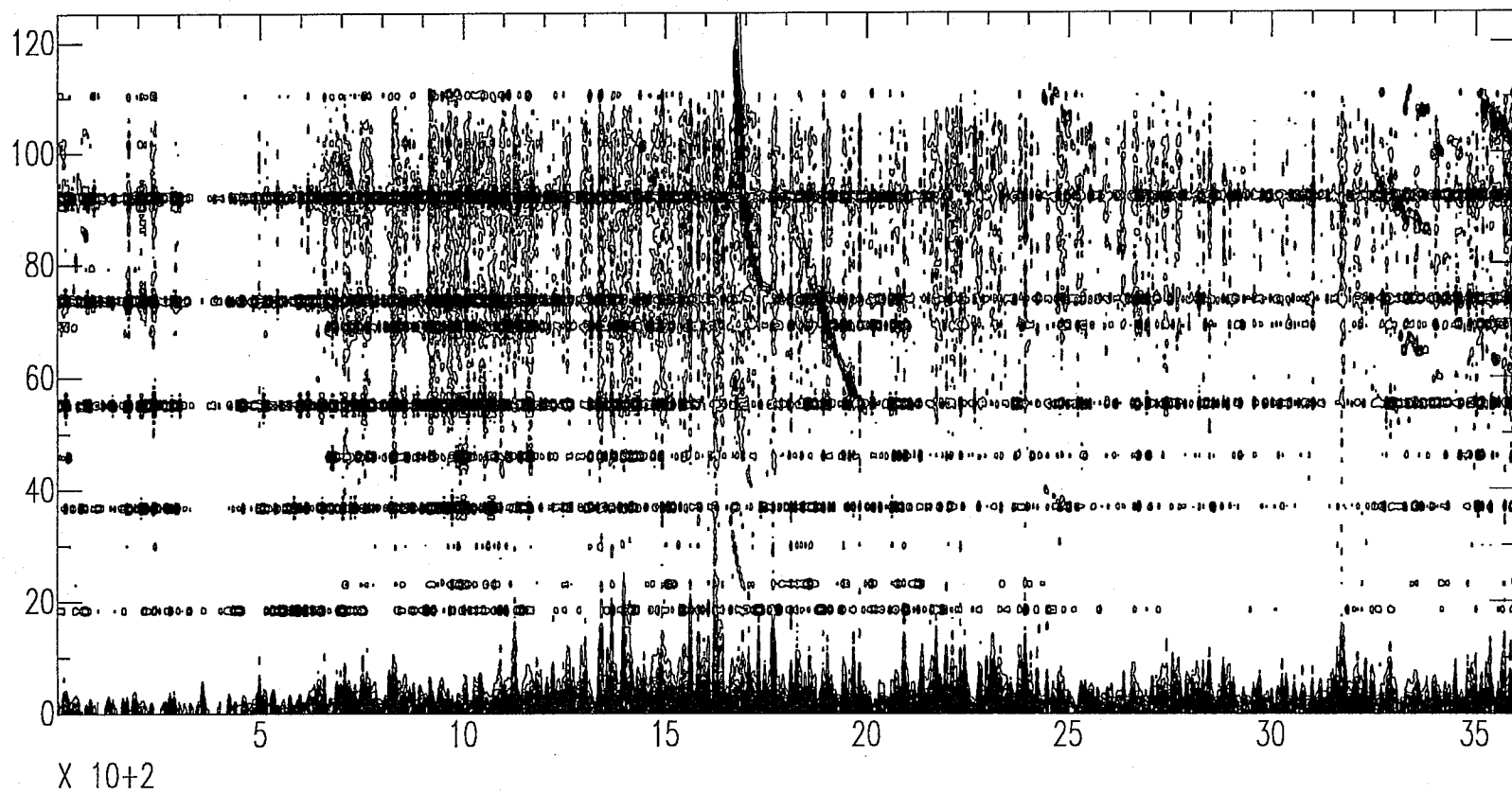
338.02.4.sac



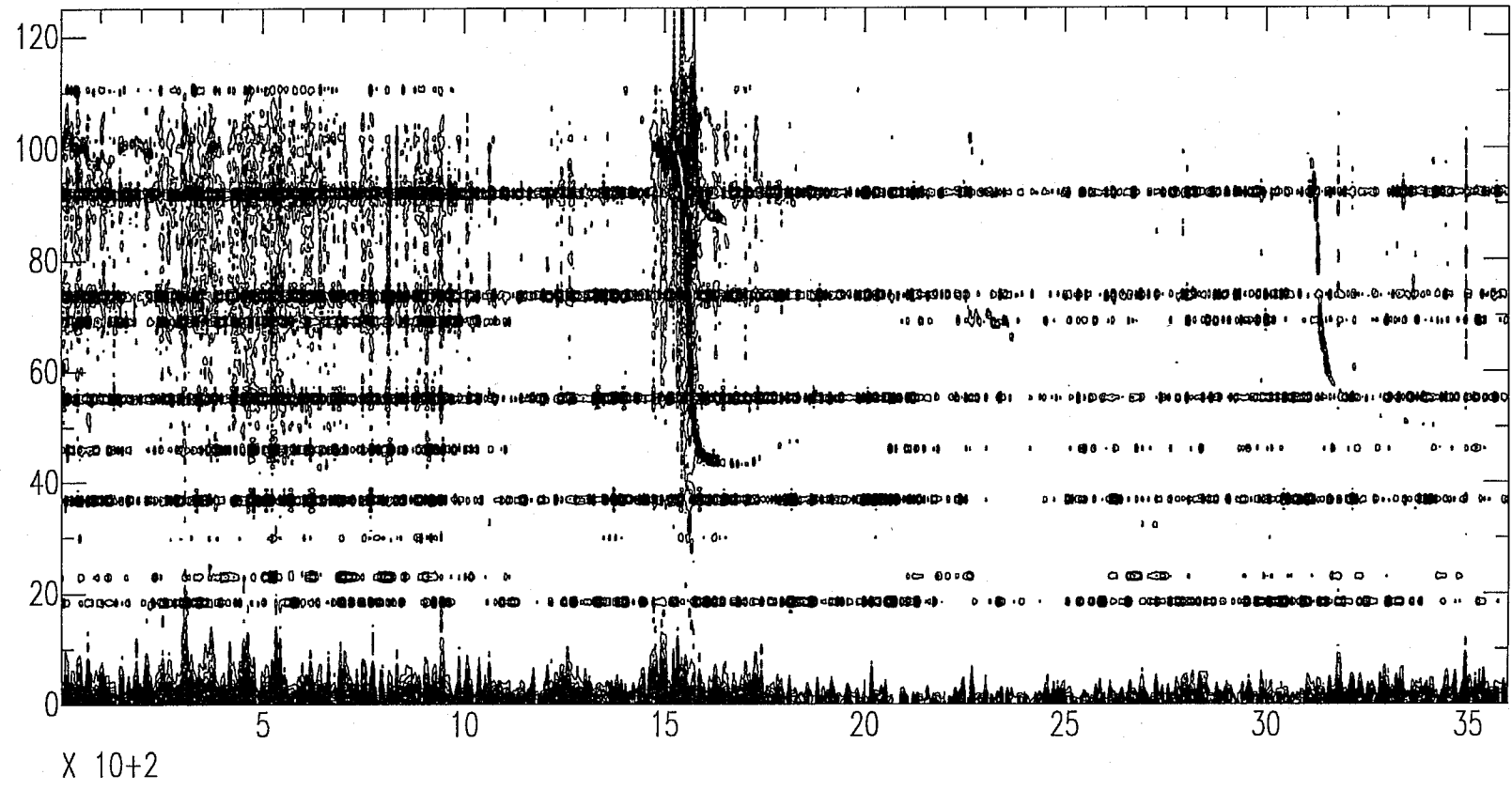
338.03.4.sac



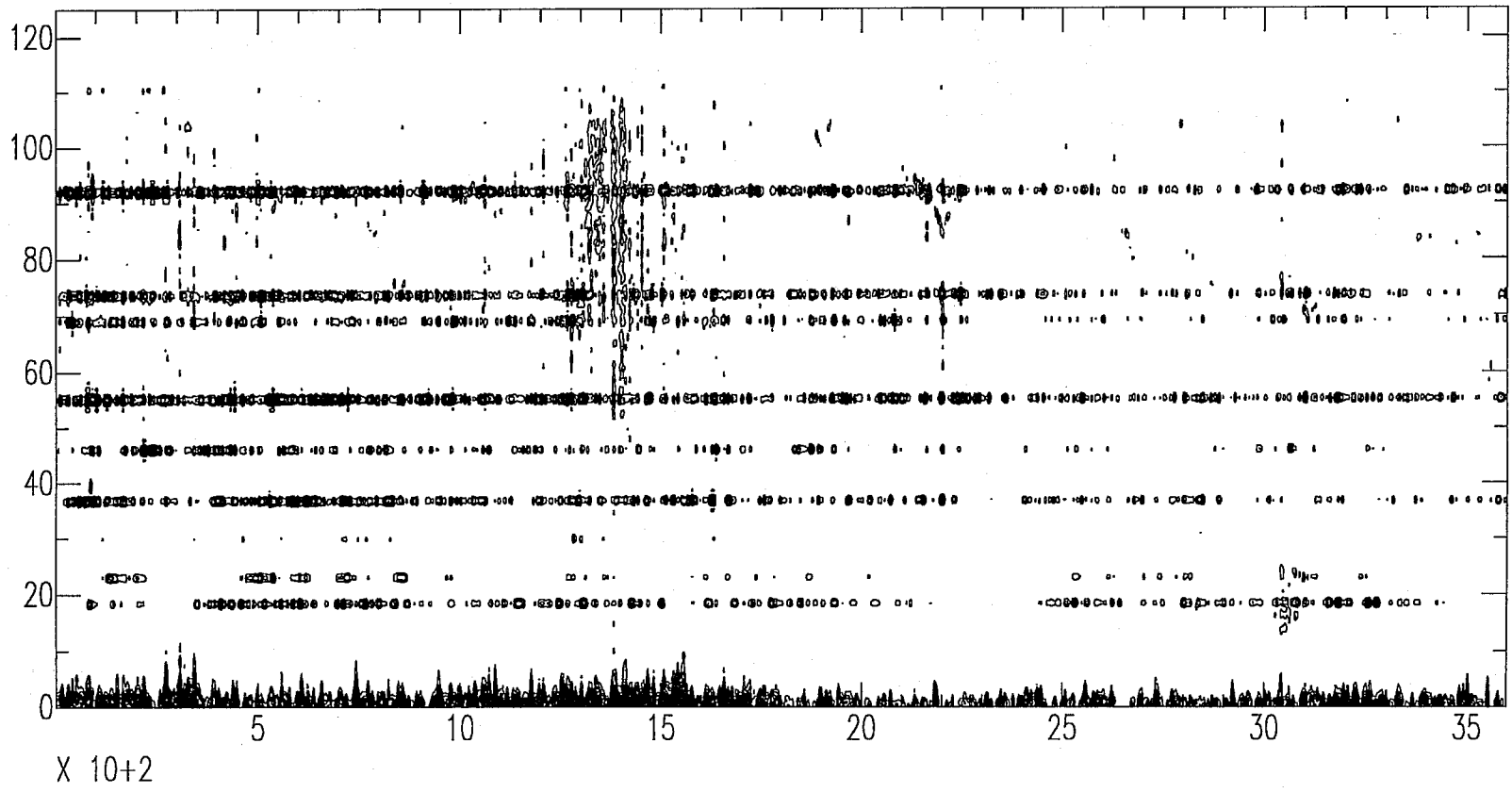
338.04.4.sac



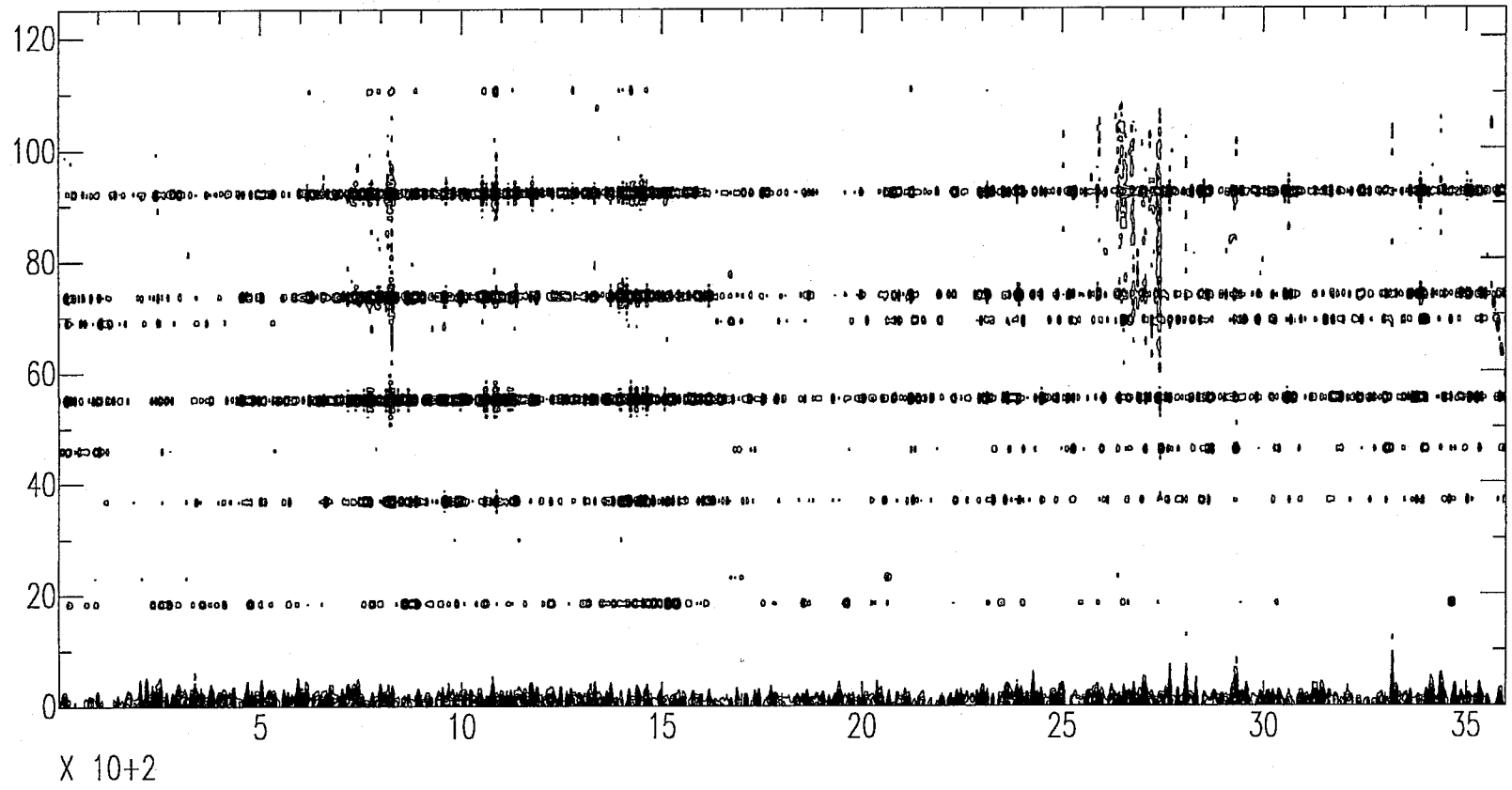
338.05.4.sac



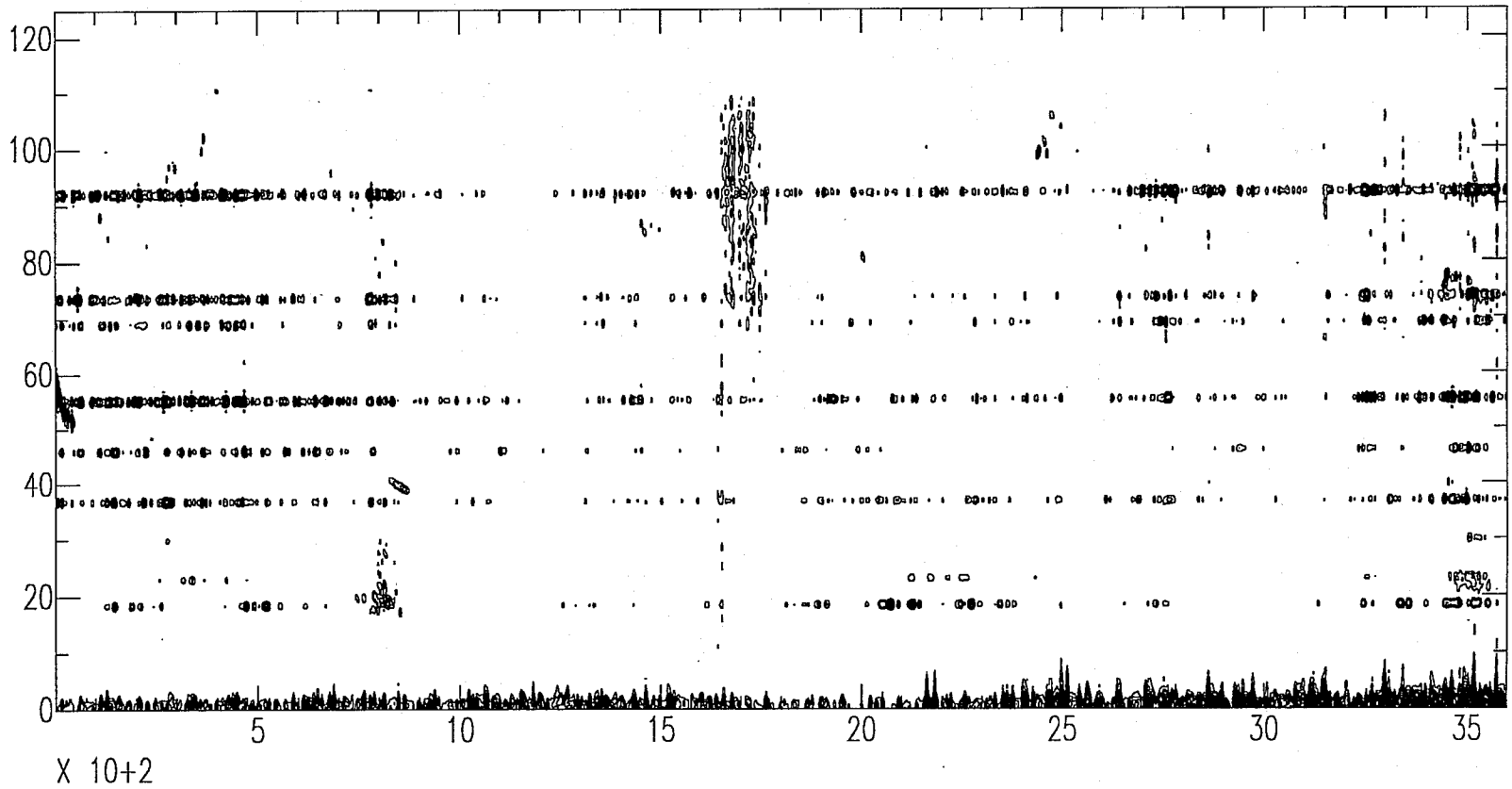
338.06.4.sac



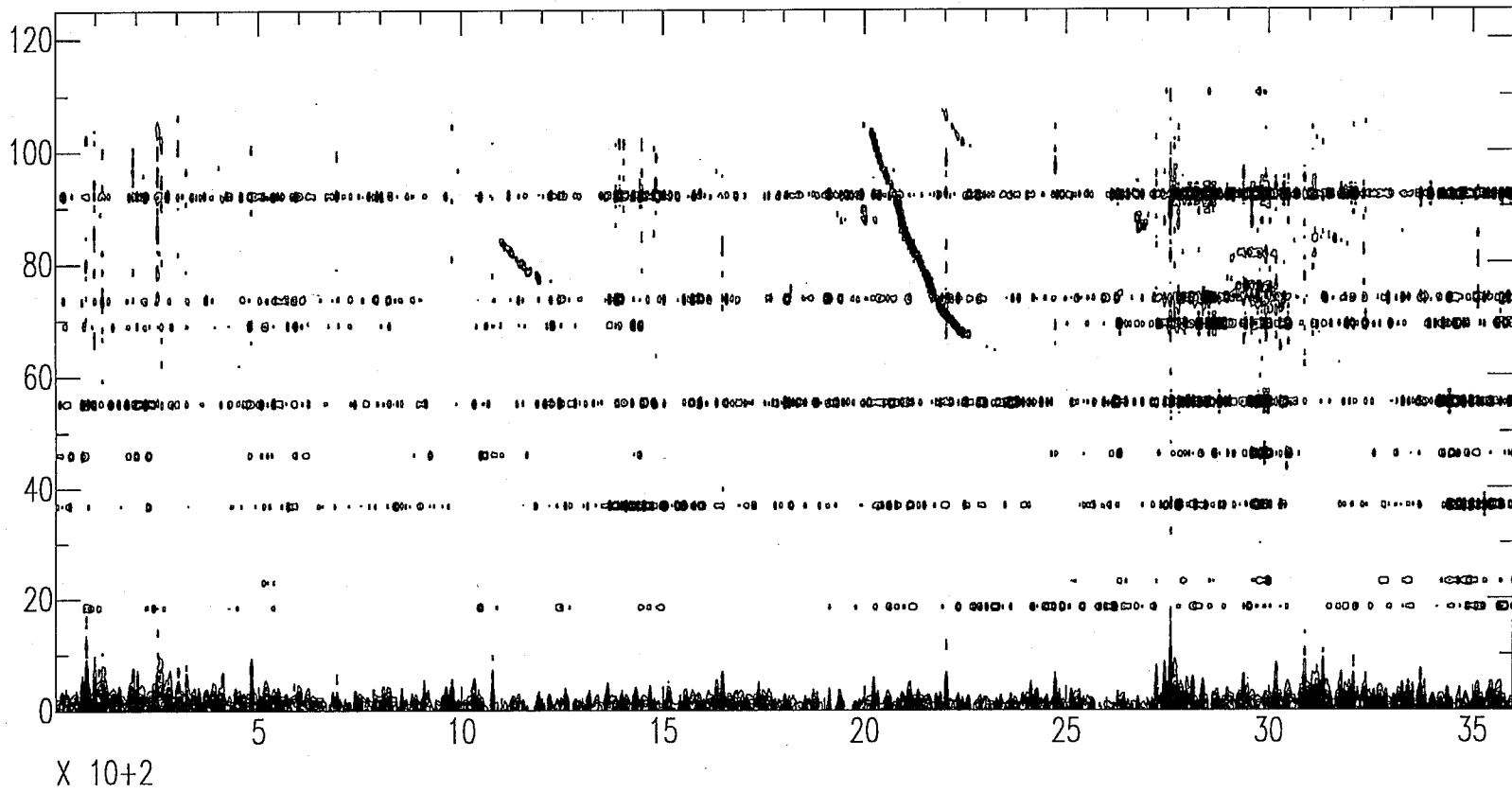
338.07.4.sac



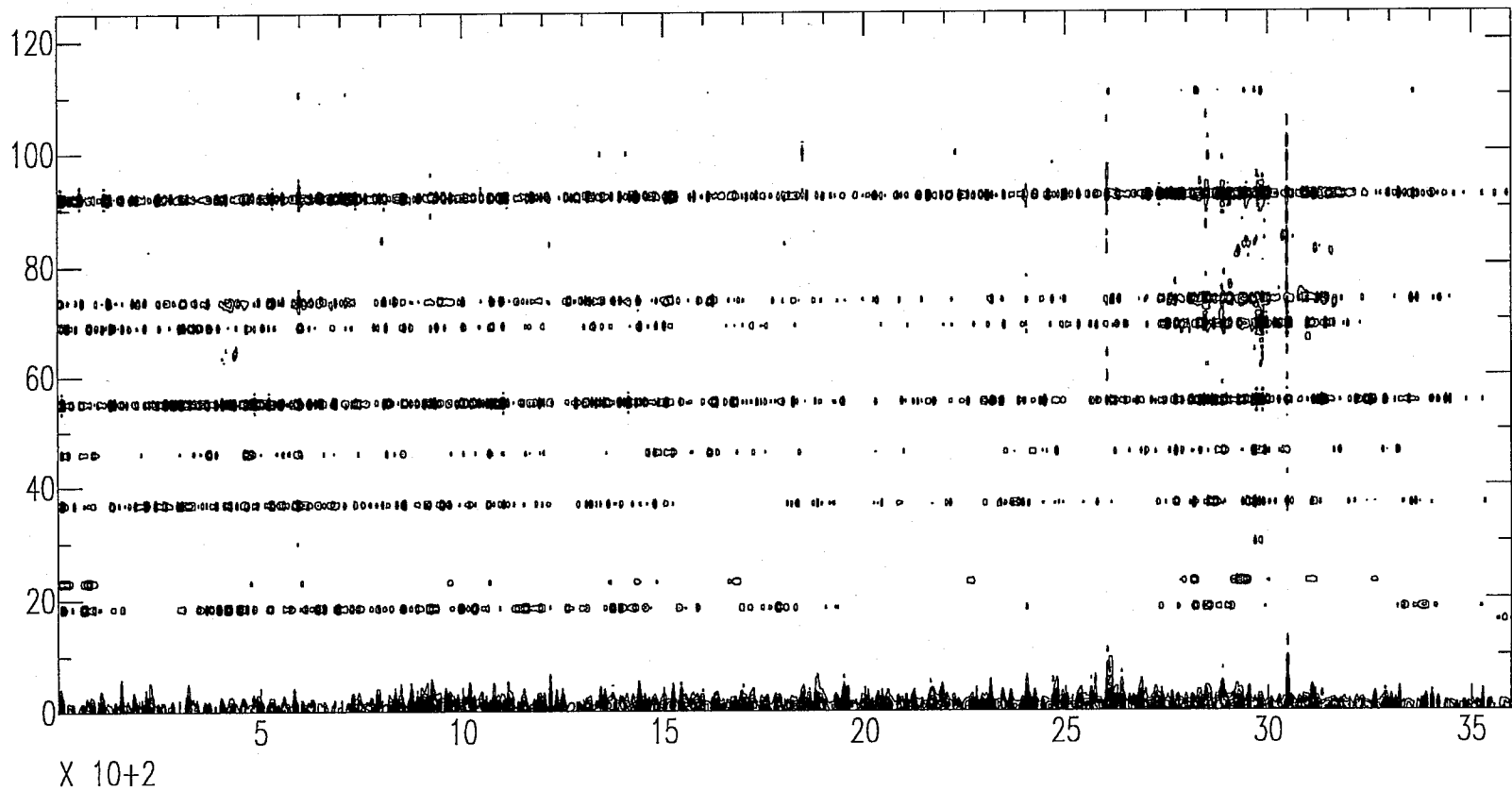
338.08.4.sac



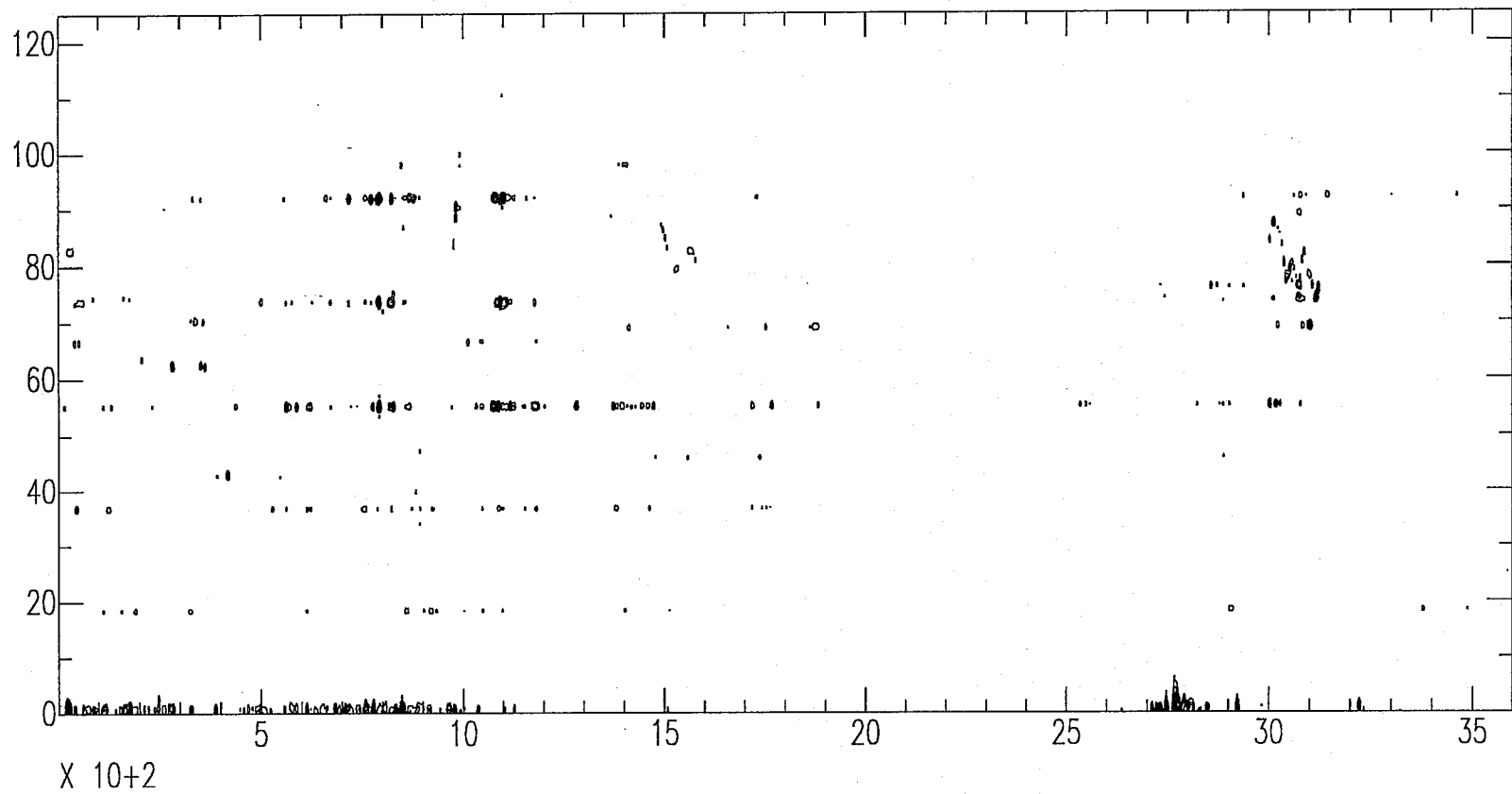
338.09.4.sac



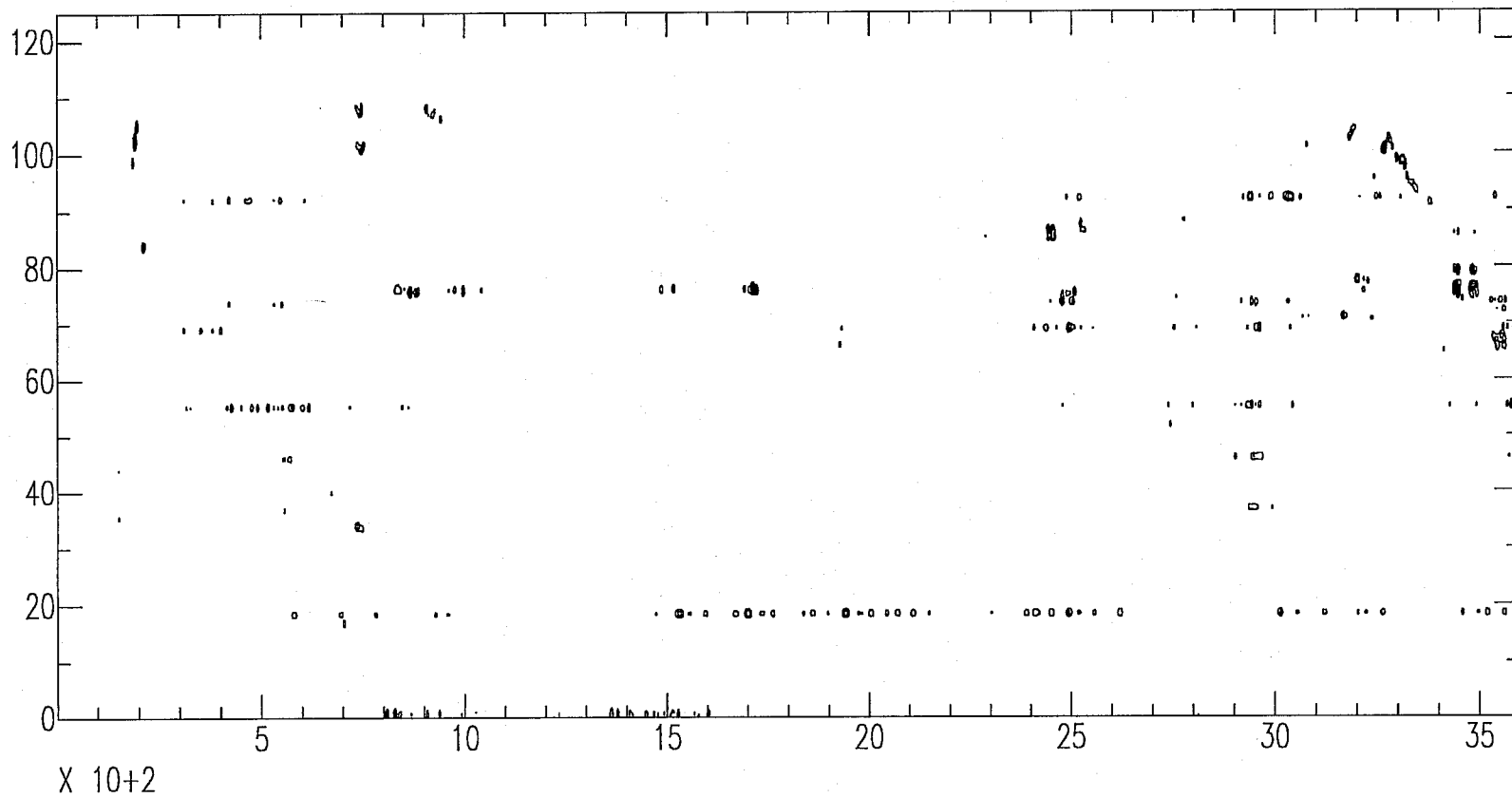
338.10.4.sac



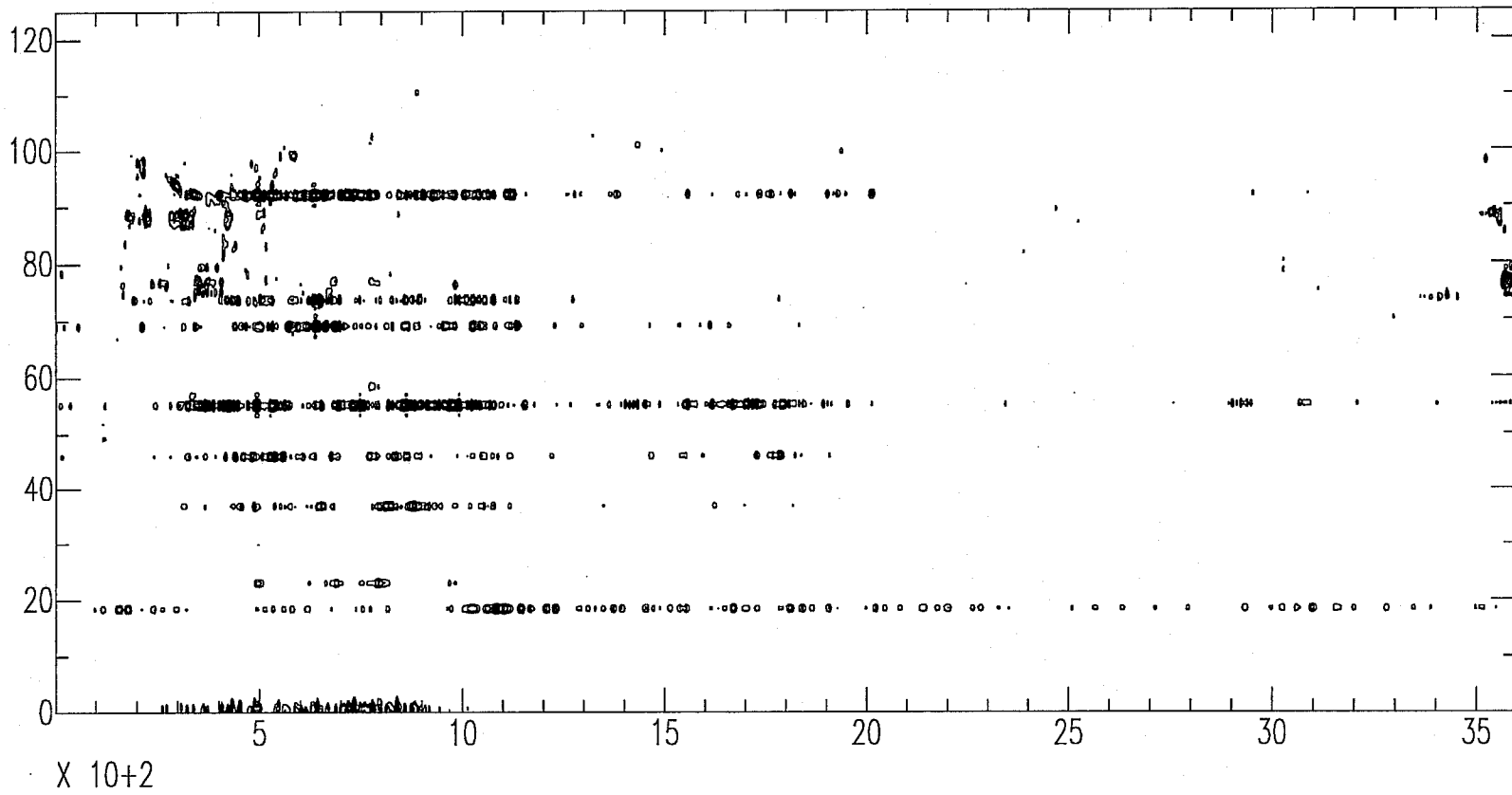
338.11.4.sac



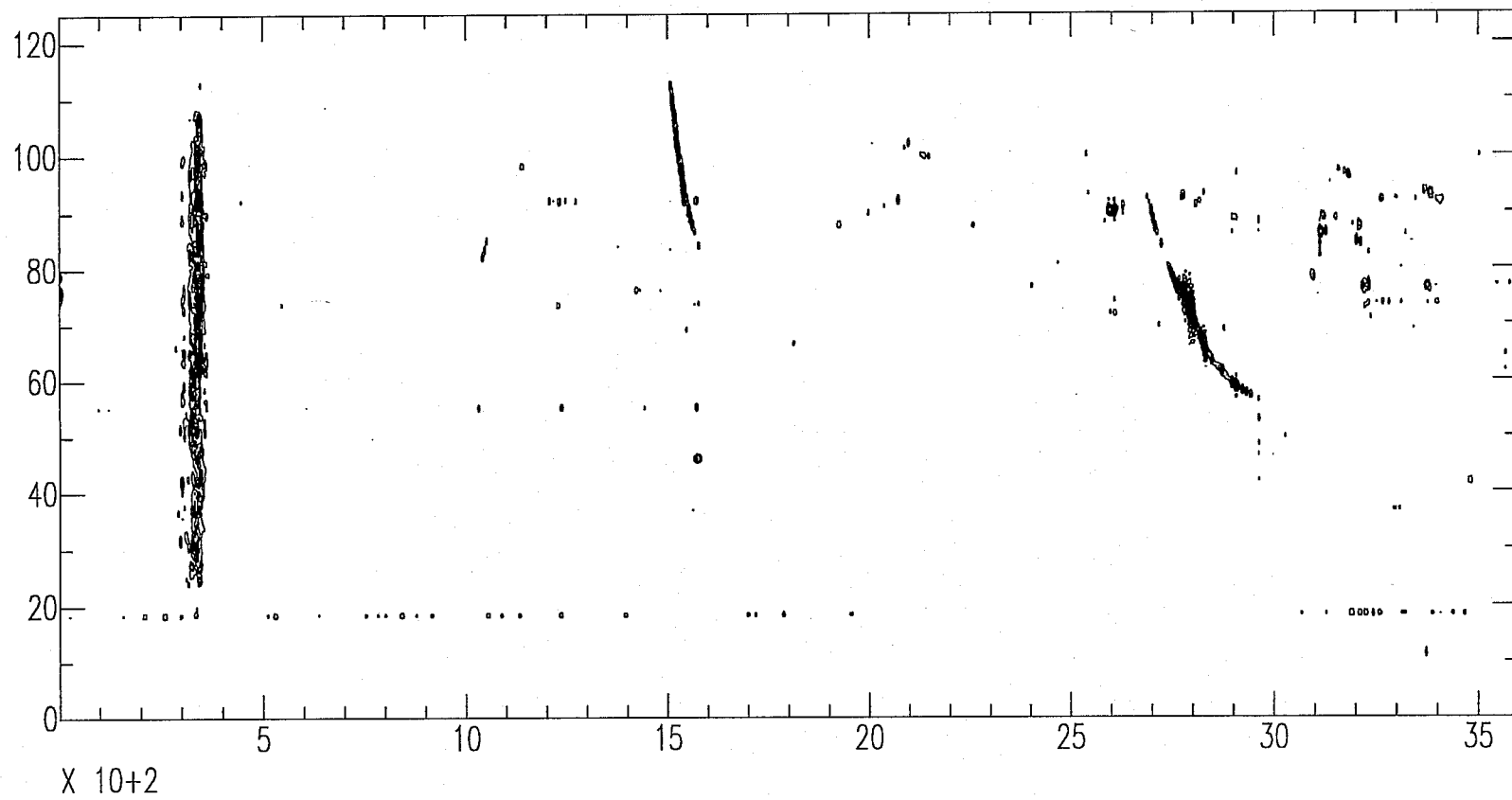
338.12.4.sac



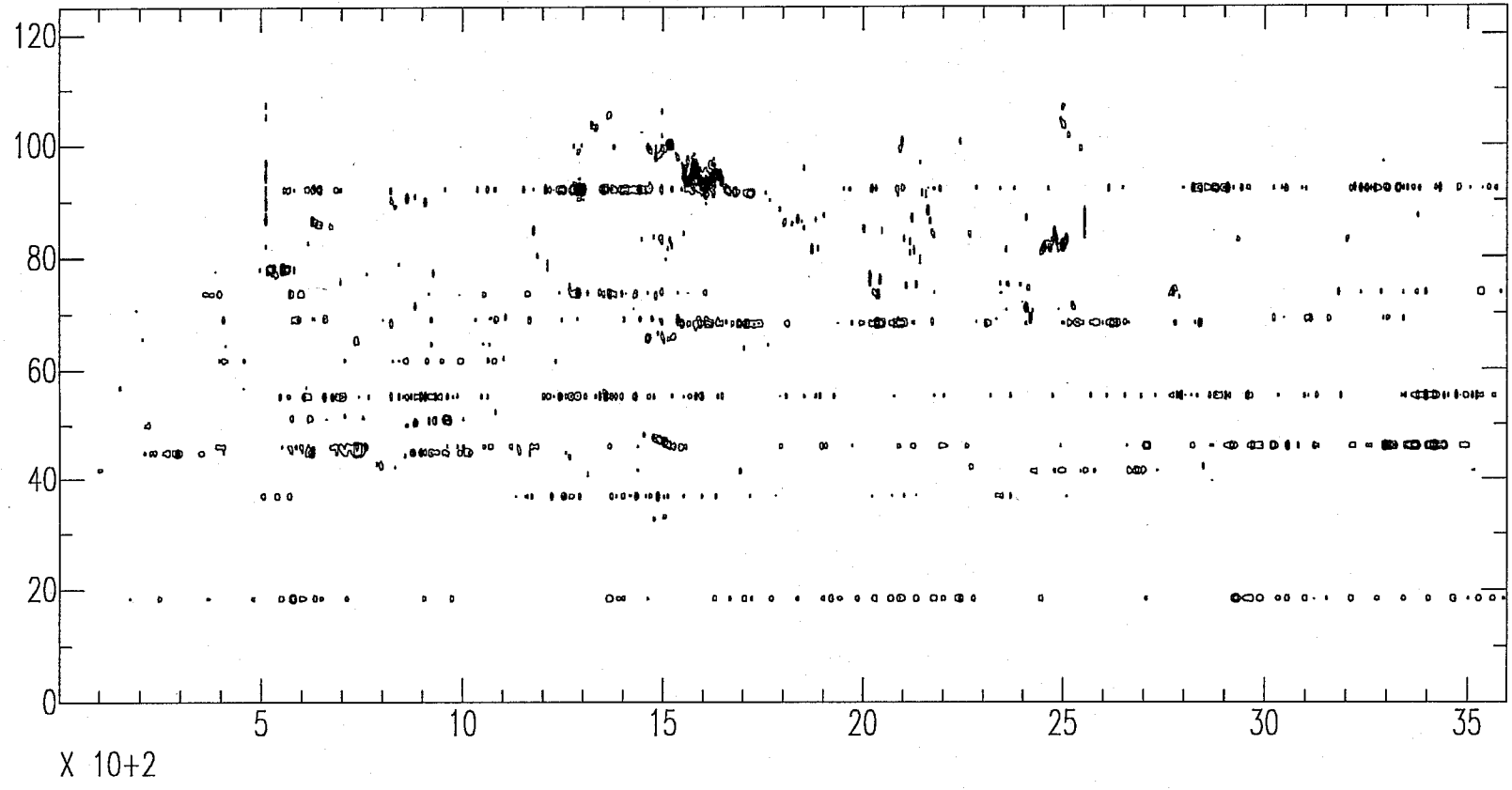
338.13.4.sac



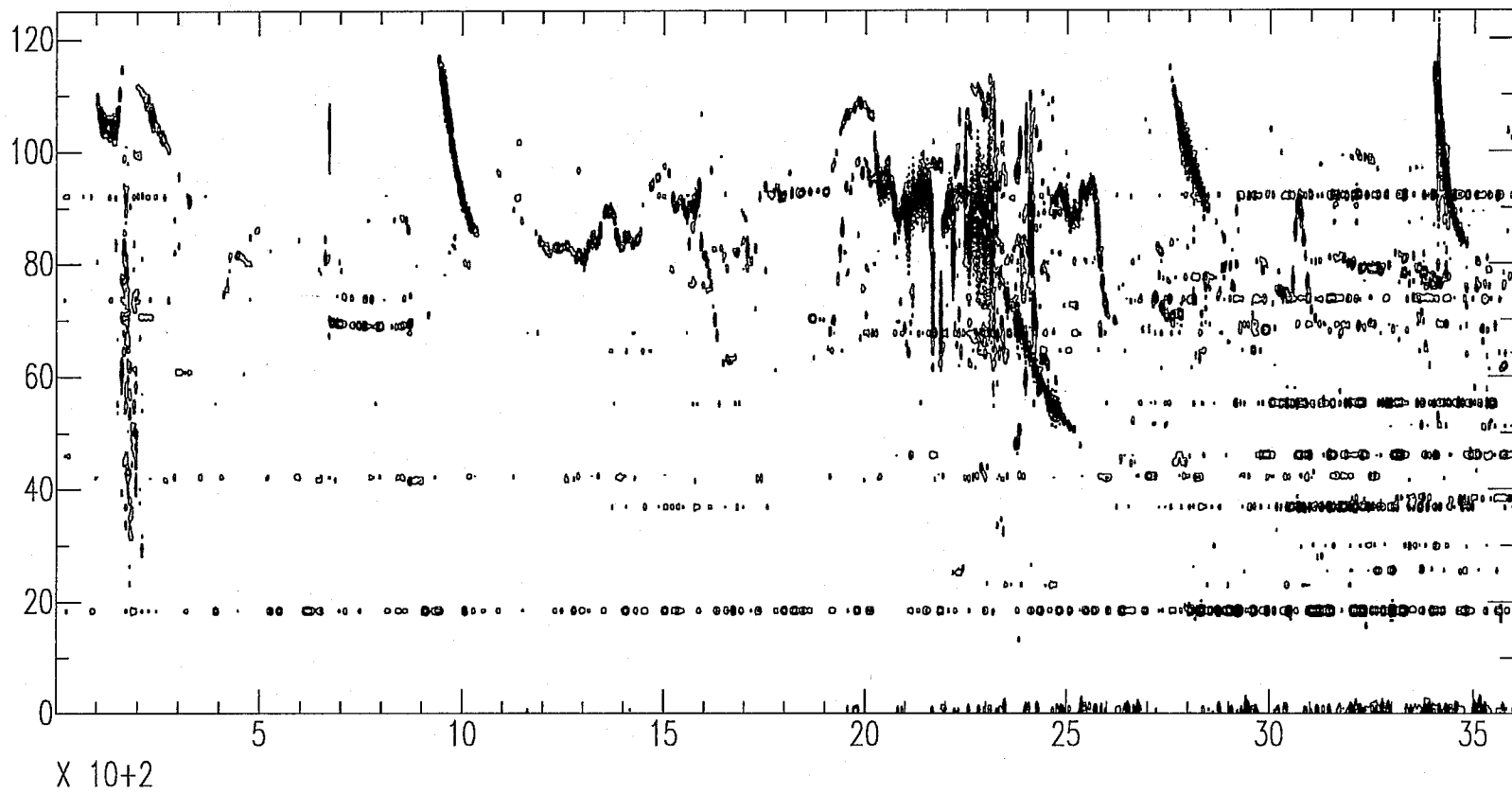
338.14.4.sac



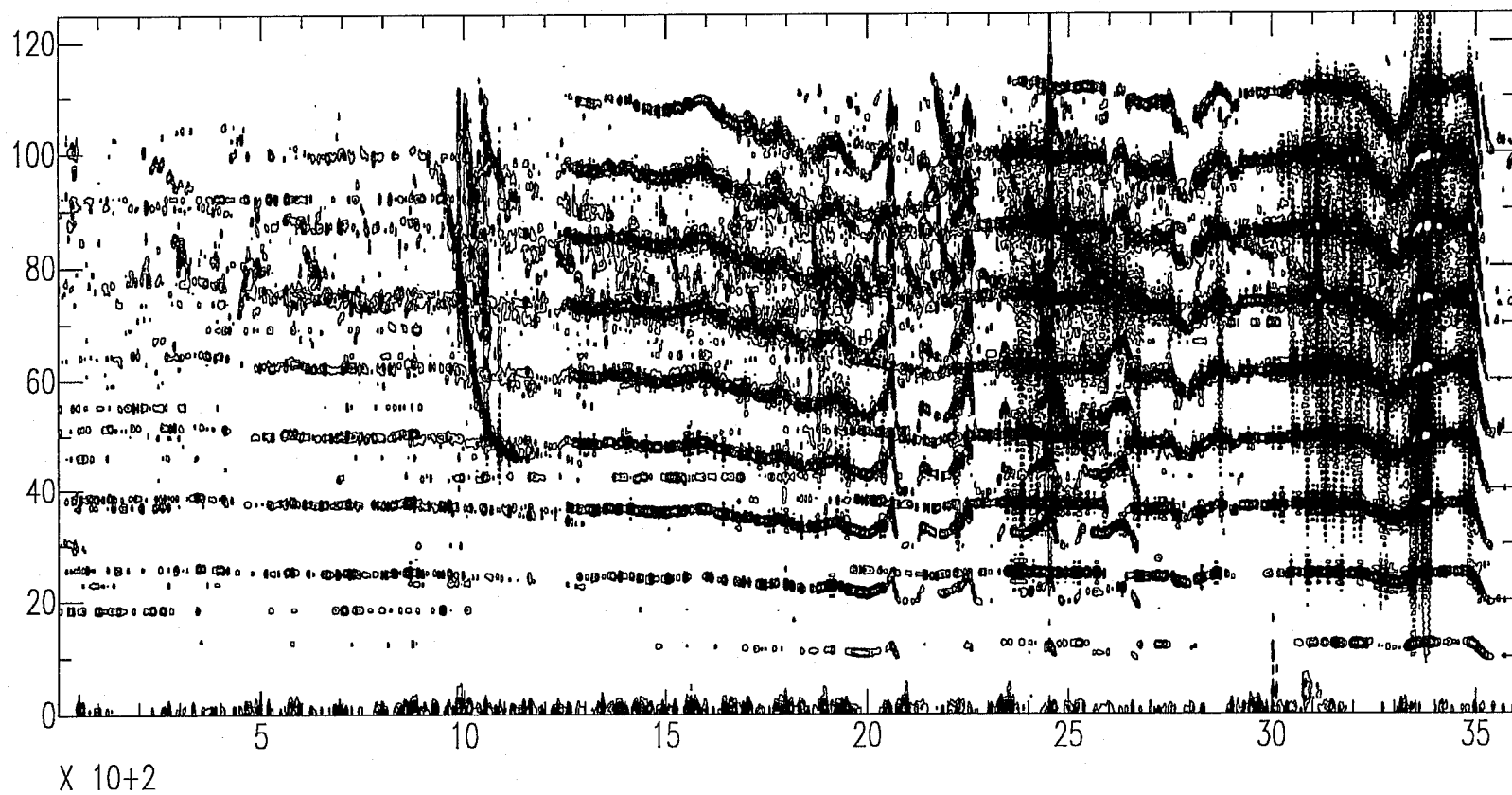
338.15.4.sac



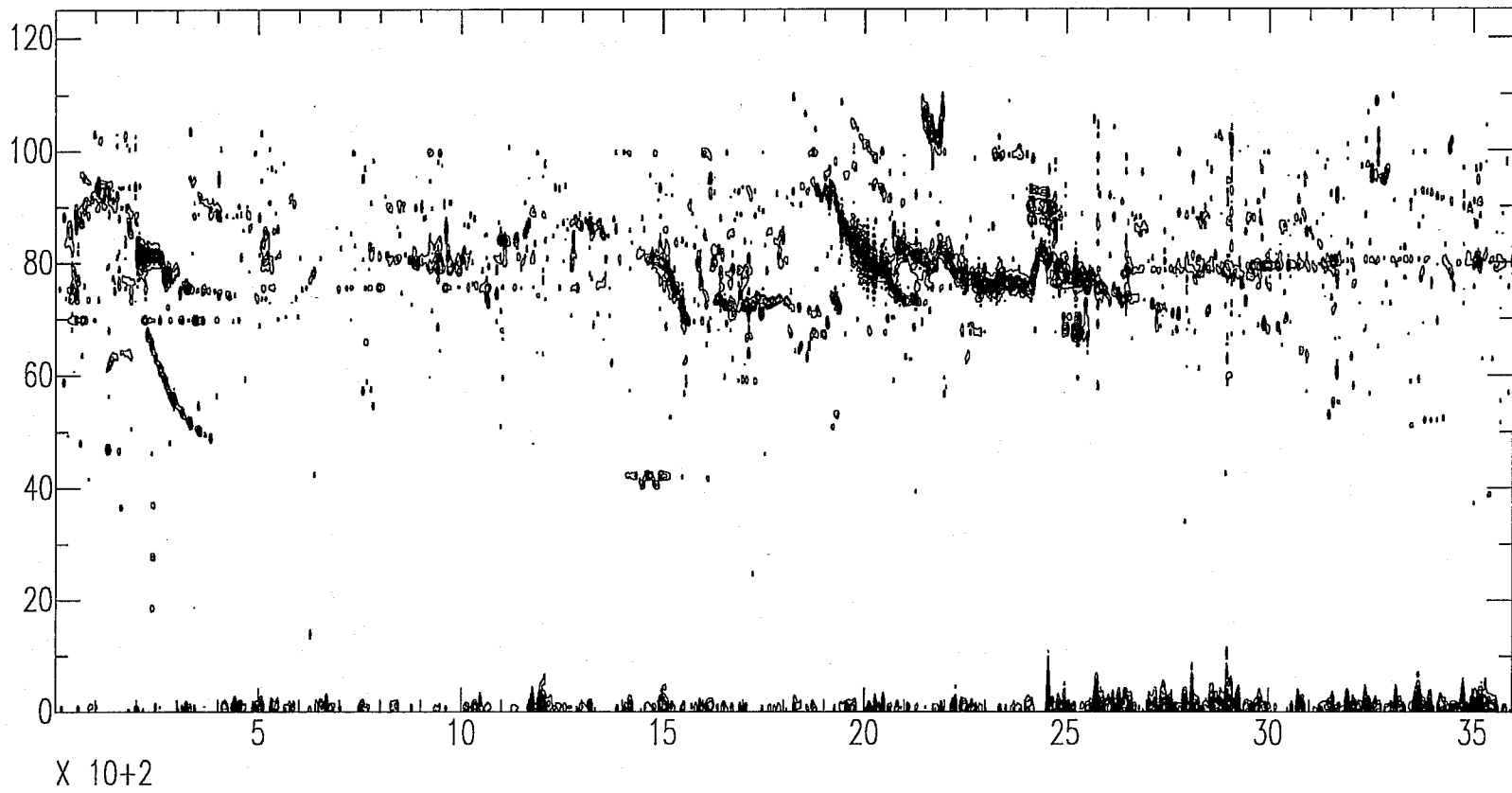
338.16.4.sac



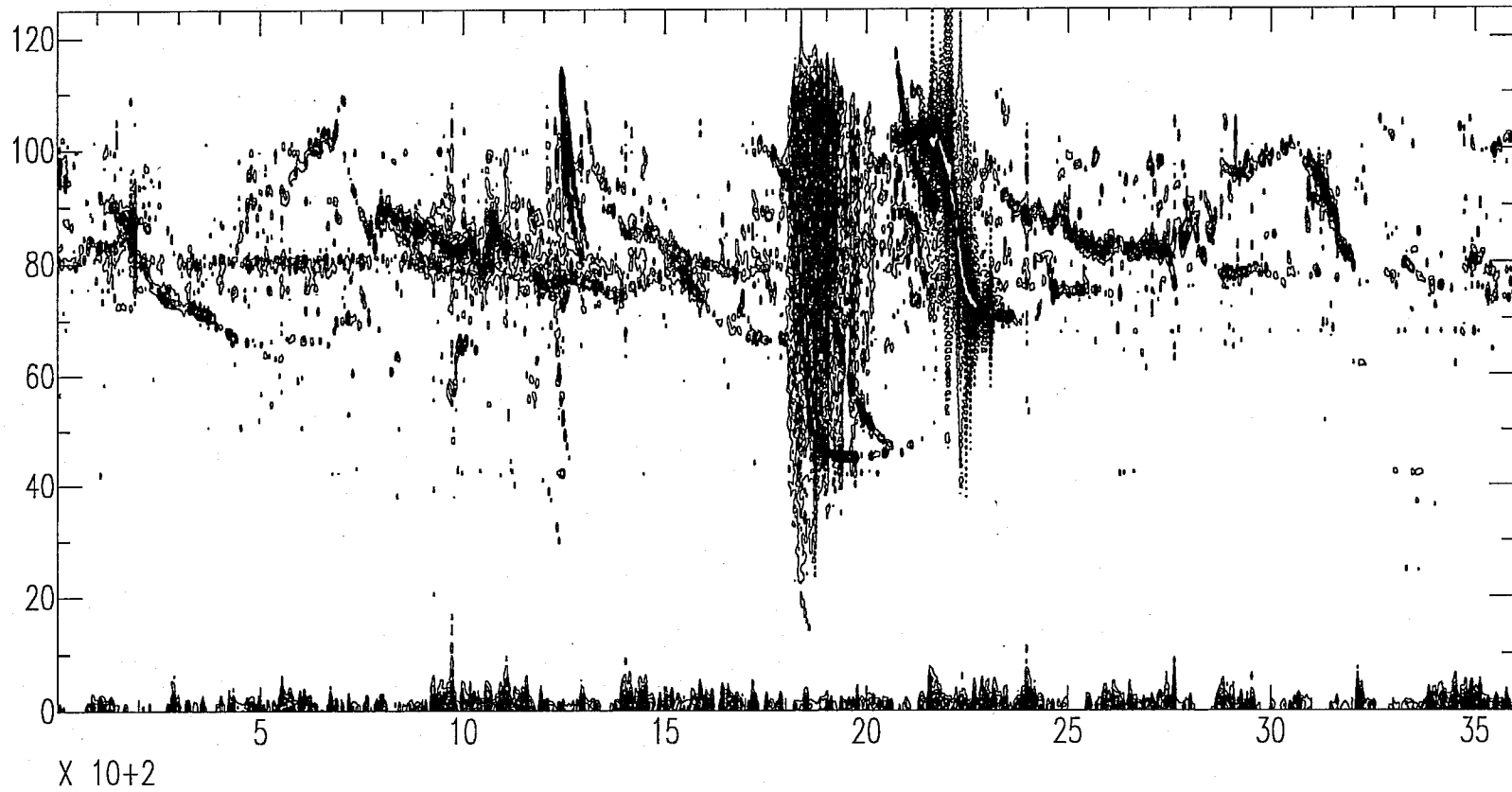
338.17.4.sac



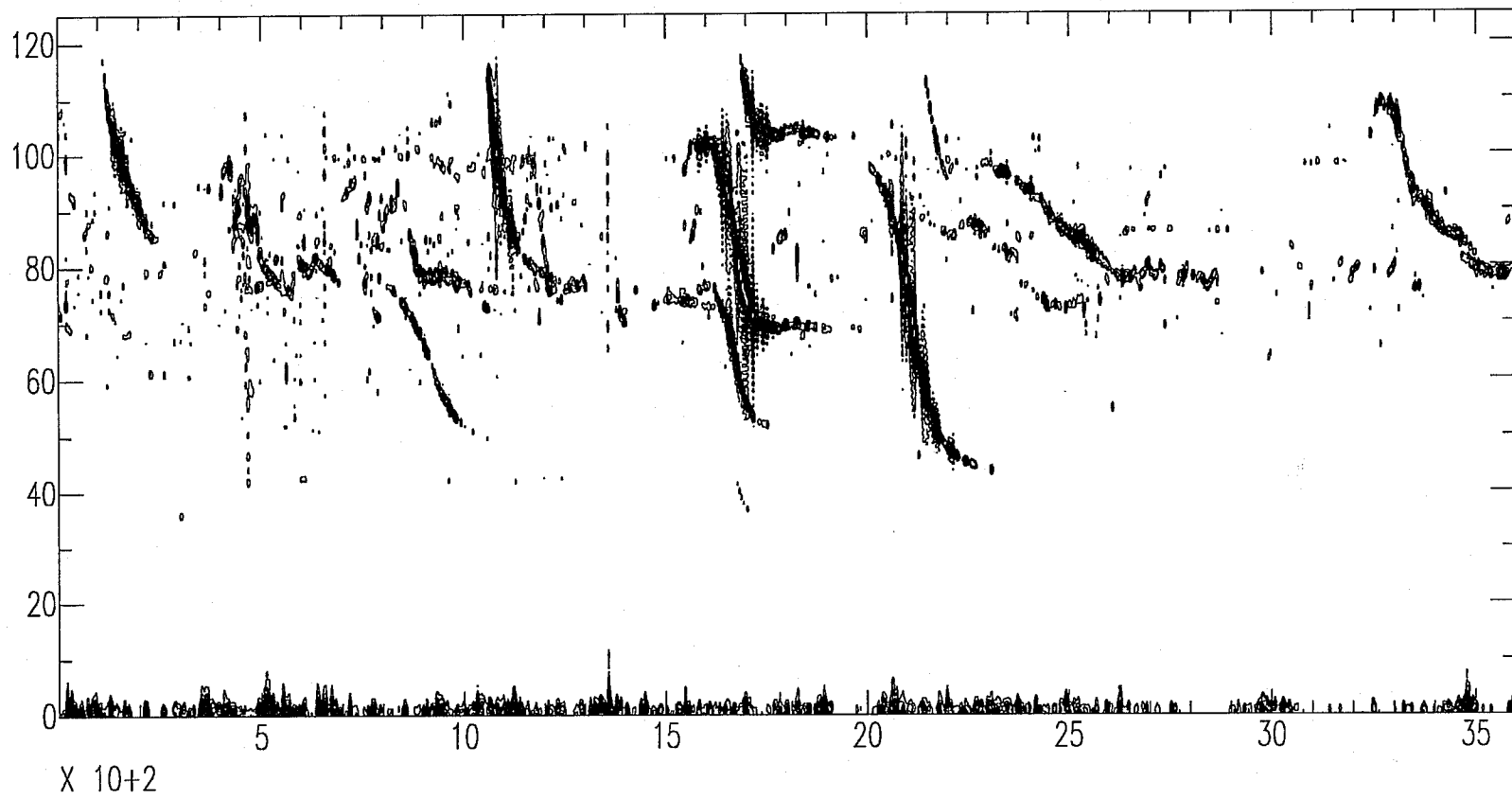
338.18.4.sac



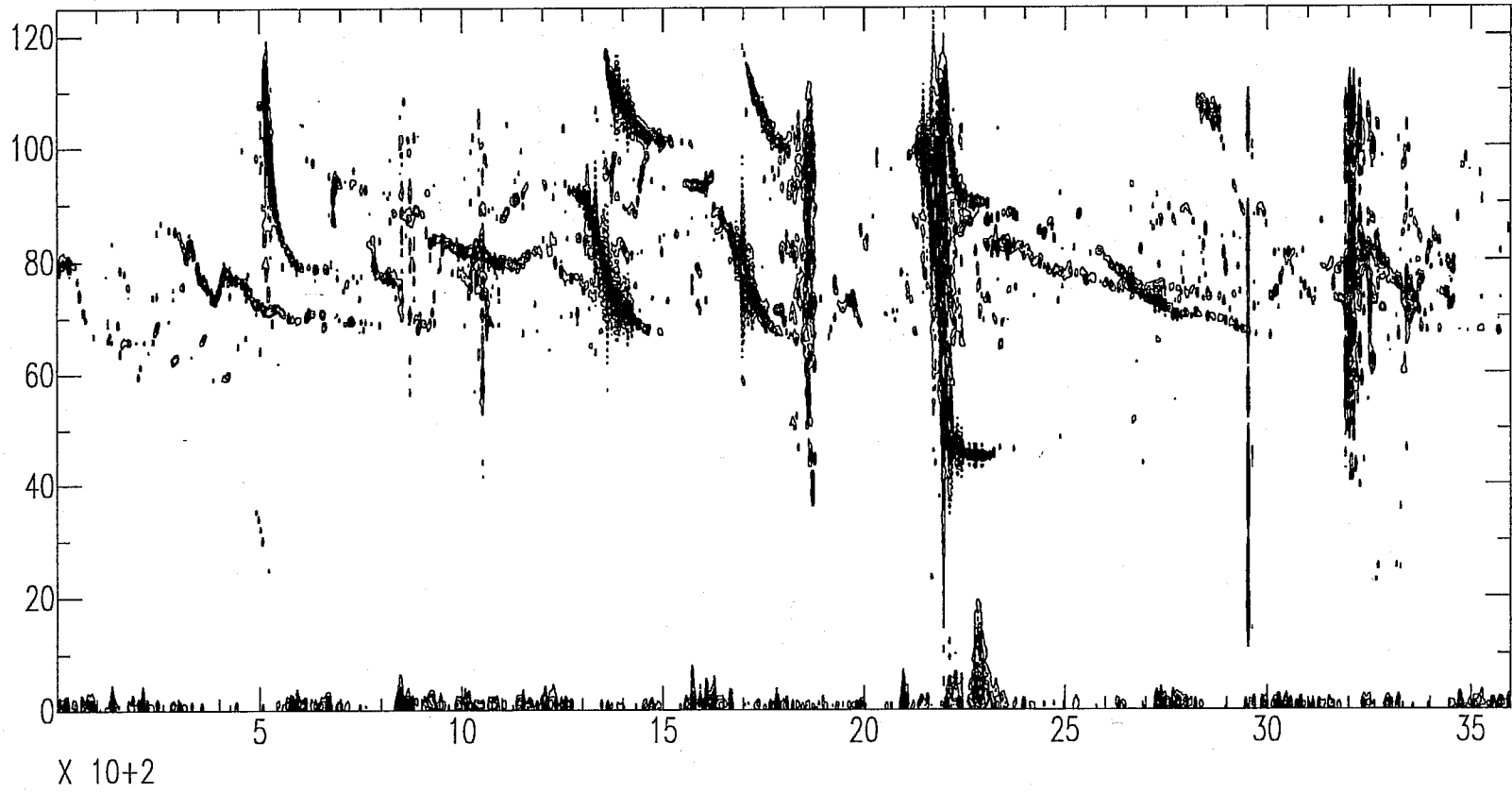
338.19.4.soc

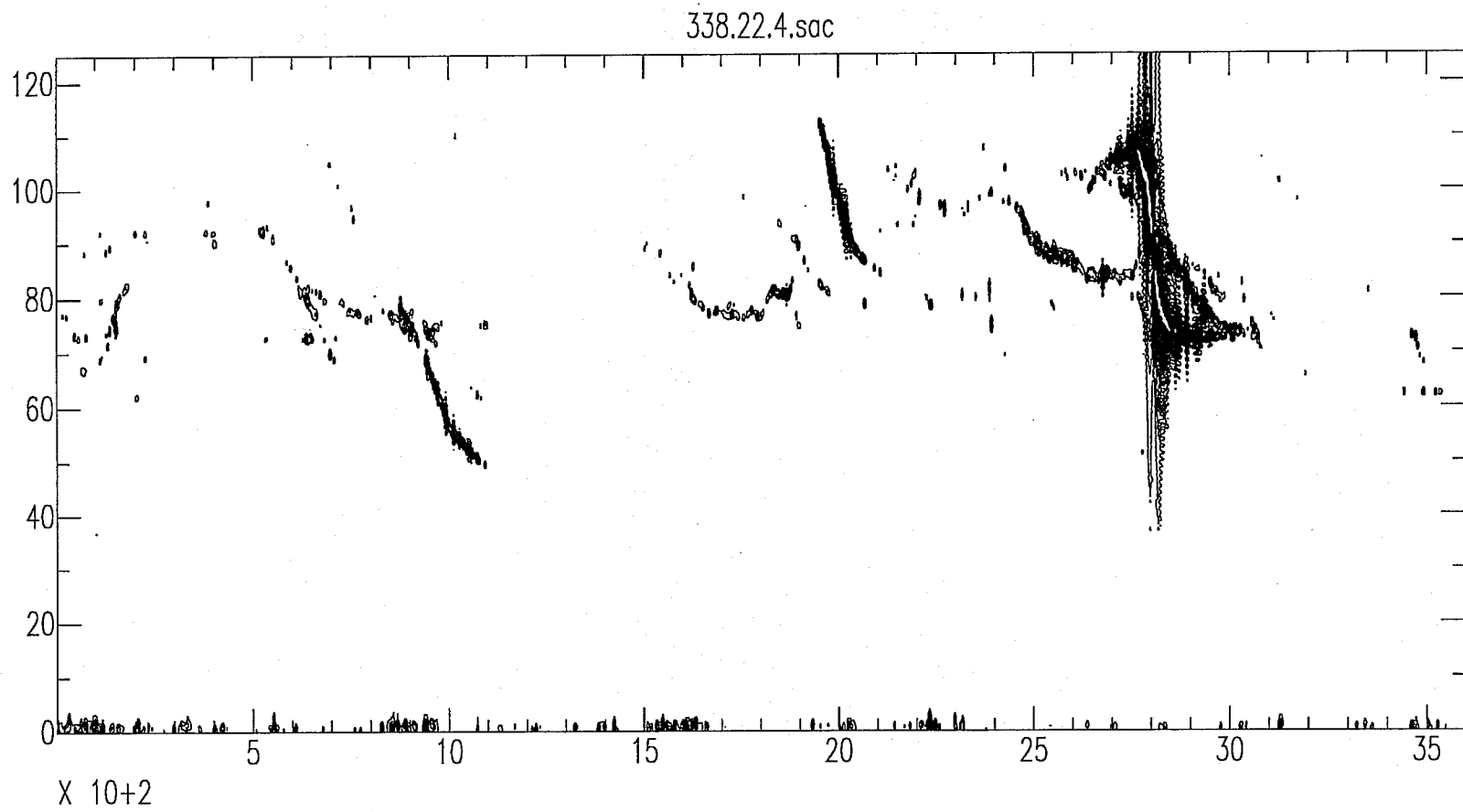


338.20.4.soc

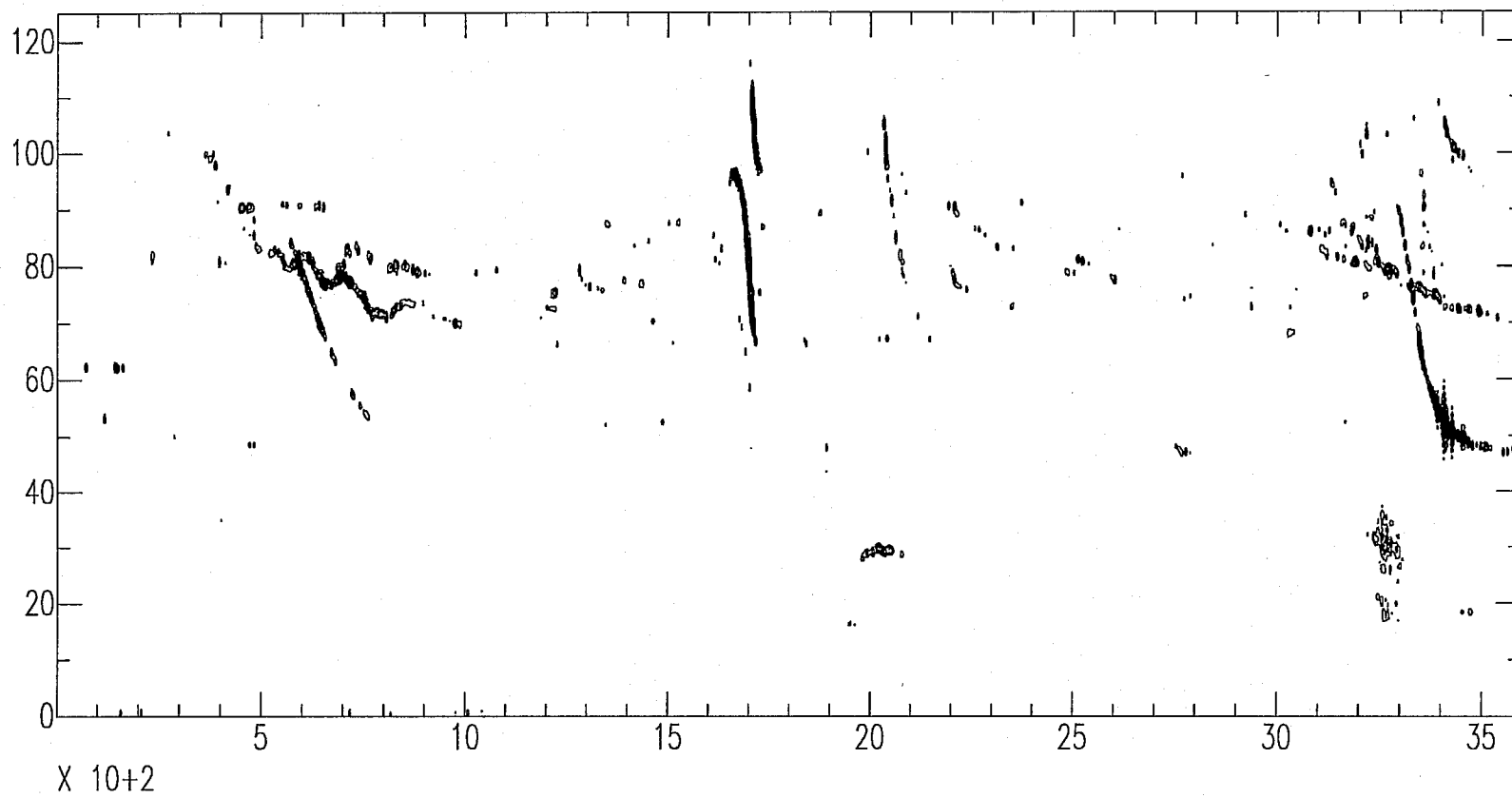


338.21.4.sac





338.23.4.sac



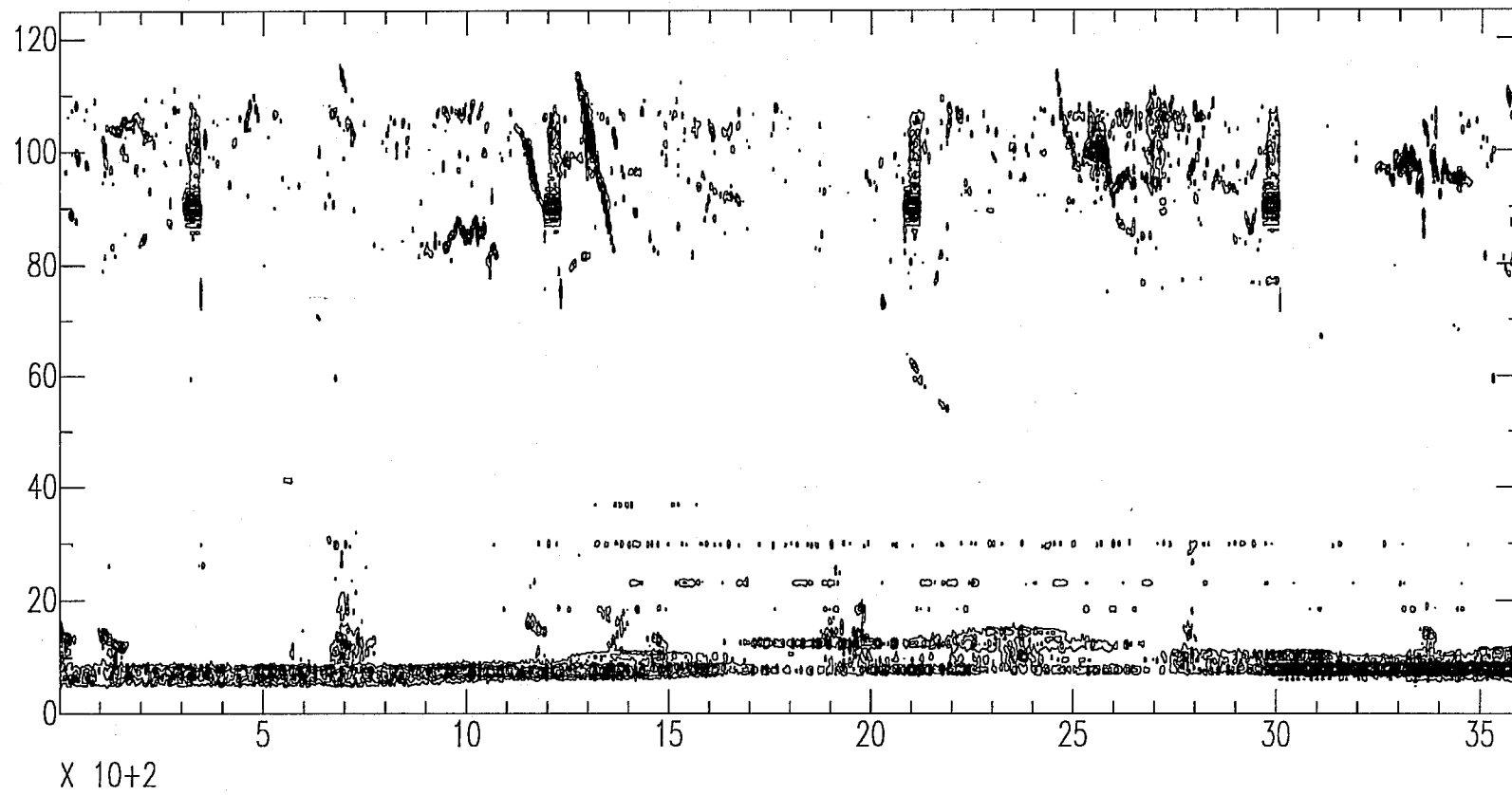
Spectrograms for 24-Hour Periods

LIGO Corner Day 345

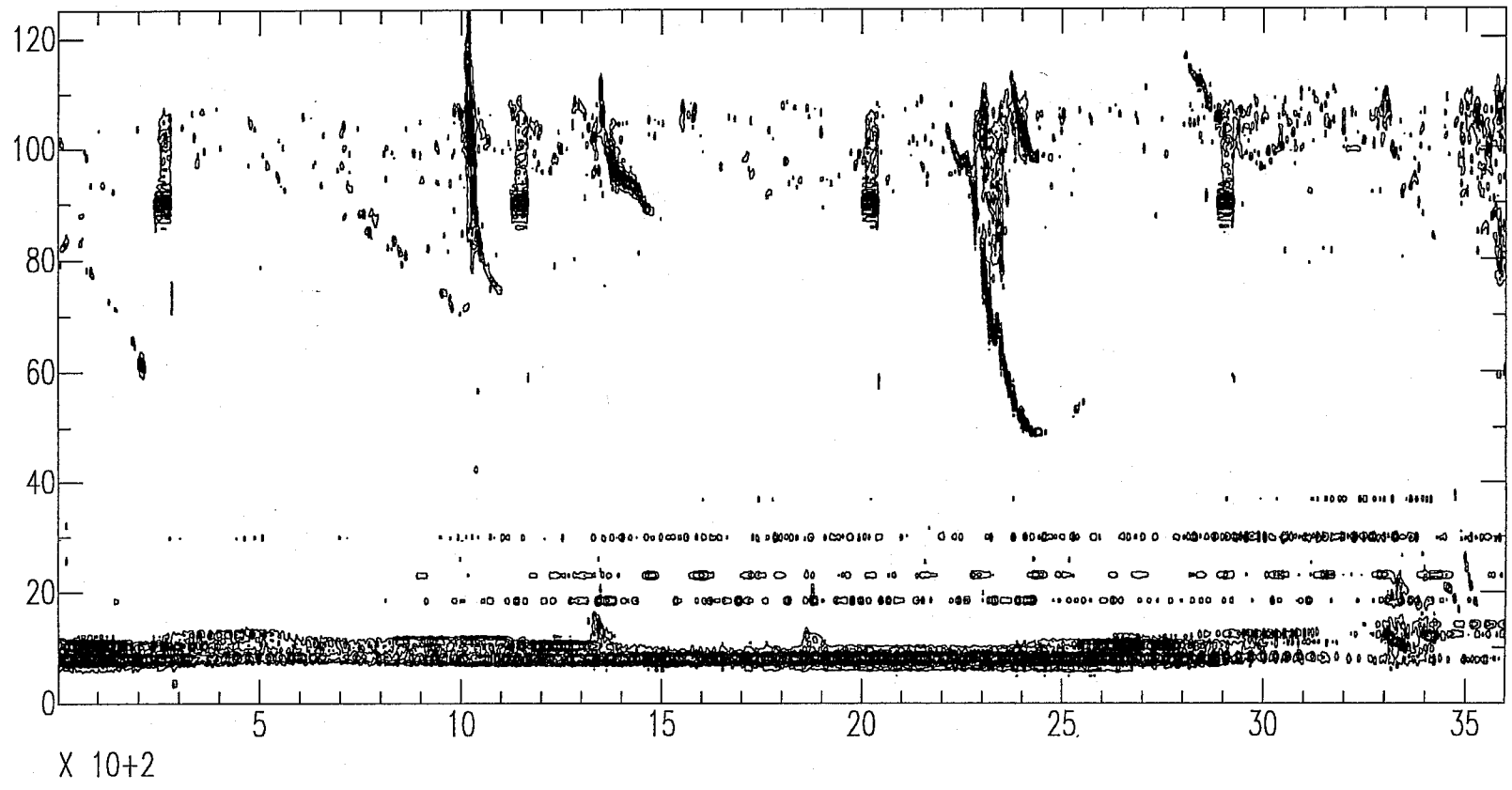
Vertical Component Acceleration

Hour 00 00:06 - 01:06 GMT
Hour 01 01:06 - 02:06 GMT
Hour 02 02:06 - 03:06 GMT
Hour 02 03:06 - 04:06 GMT
Hour 04 04:06 - 05:06 GMT
Hour 05 05:06 - 06:06 GMT
Hour 06 06:06 - 07:06 GMT
Hour 07 07:06 - 08:06 GMT
Hour 08 08:06 - 09:06 GMT
Hour 09 09:06 - 10:06 GMT
Hour 10 10:06 - 11:06 GMT
Hour 11 11:06 - 12:06 GMT
Hour 12 12:06 - 13:06 GMT
Hour 13 13:06 - 14:06 GMT
Hour 14 14:06 - 15:06 GMT
Hour 15 15:06 - 16:06 GMT
Hour 16 16:06 - 17:06 GMT
Hour 17 17:06 - 18:06 GMT
Hour 18 18:06 - 19:06 GMT
Hour 19 19:06 - 20:06 GMT
Hour 20 20:06 - 21:06 GMT
Hour 21 21:06 - 22:06 GMT
Hour 22 22:06 - 23:06 GMT
Hour 23 23:06 - 24:06 GMT

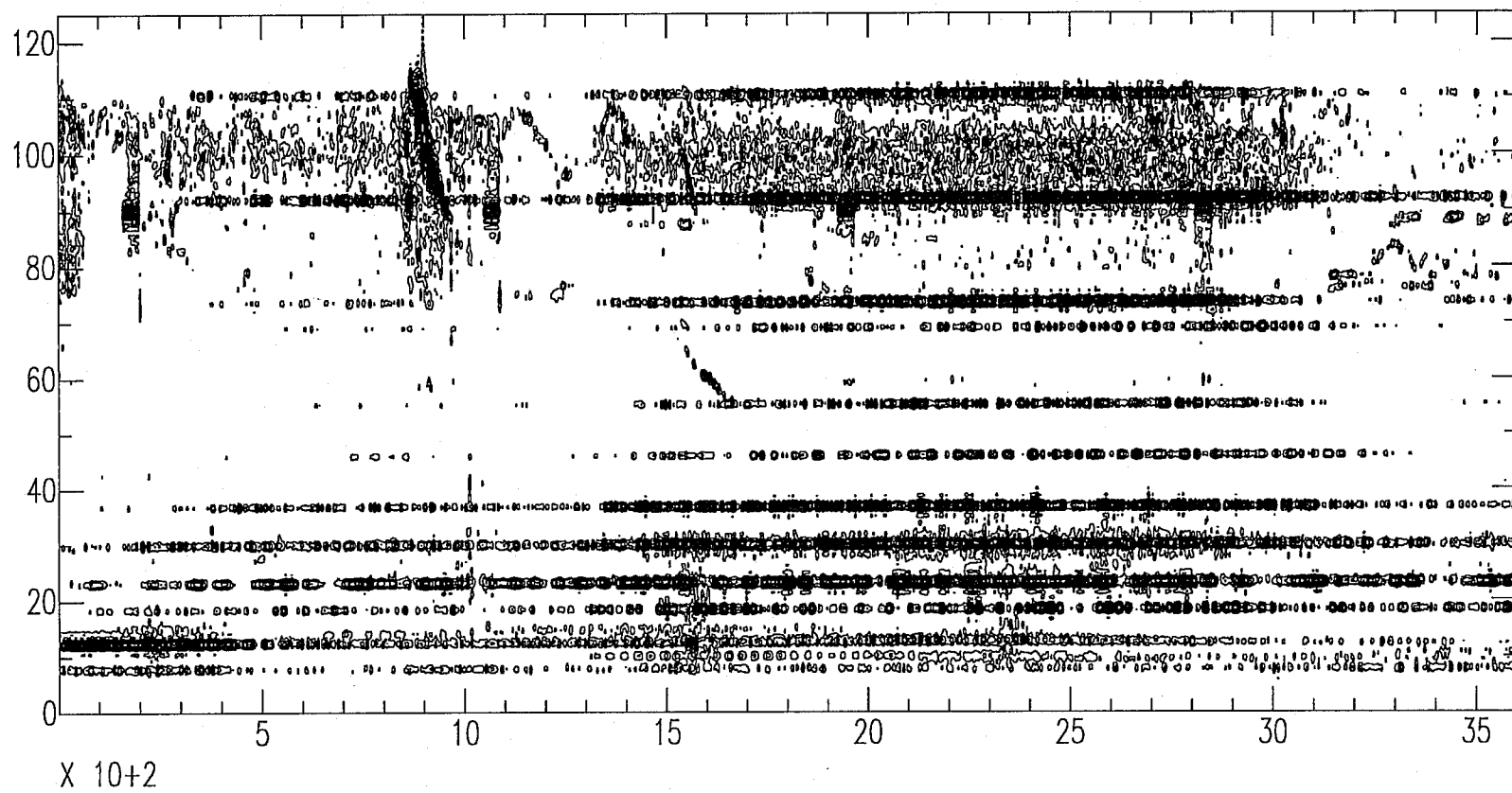
345.00.1.sac



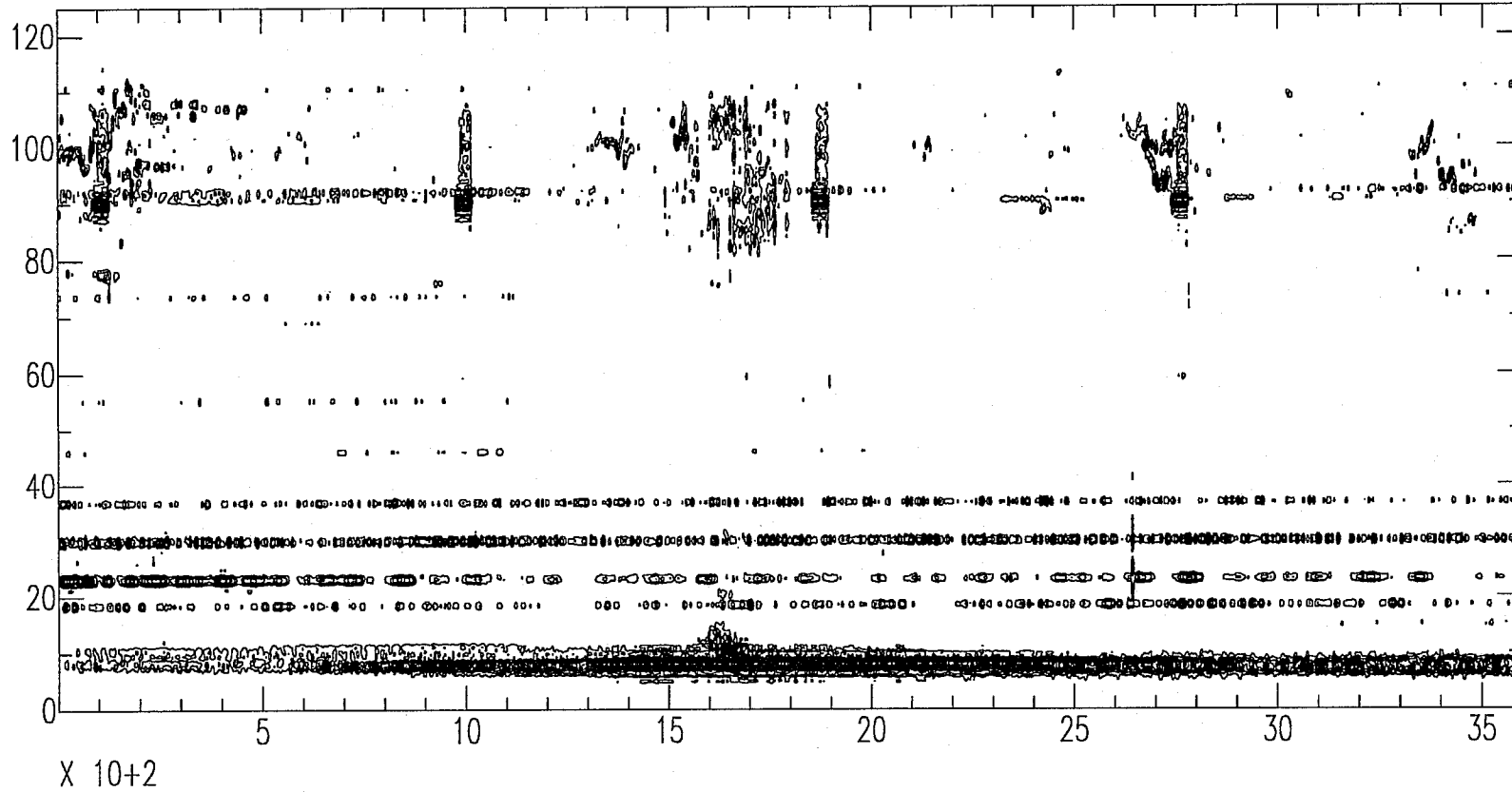
345.01.1.sac



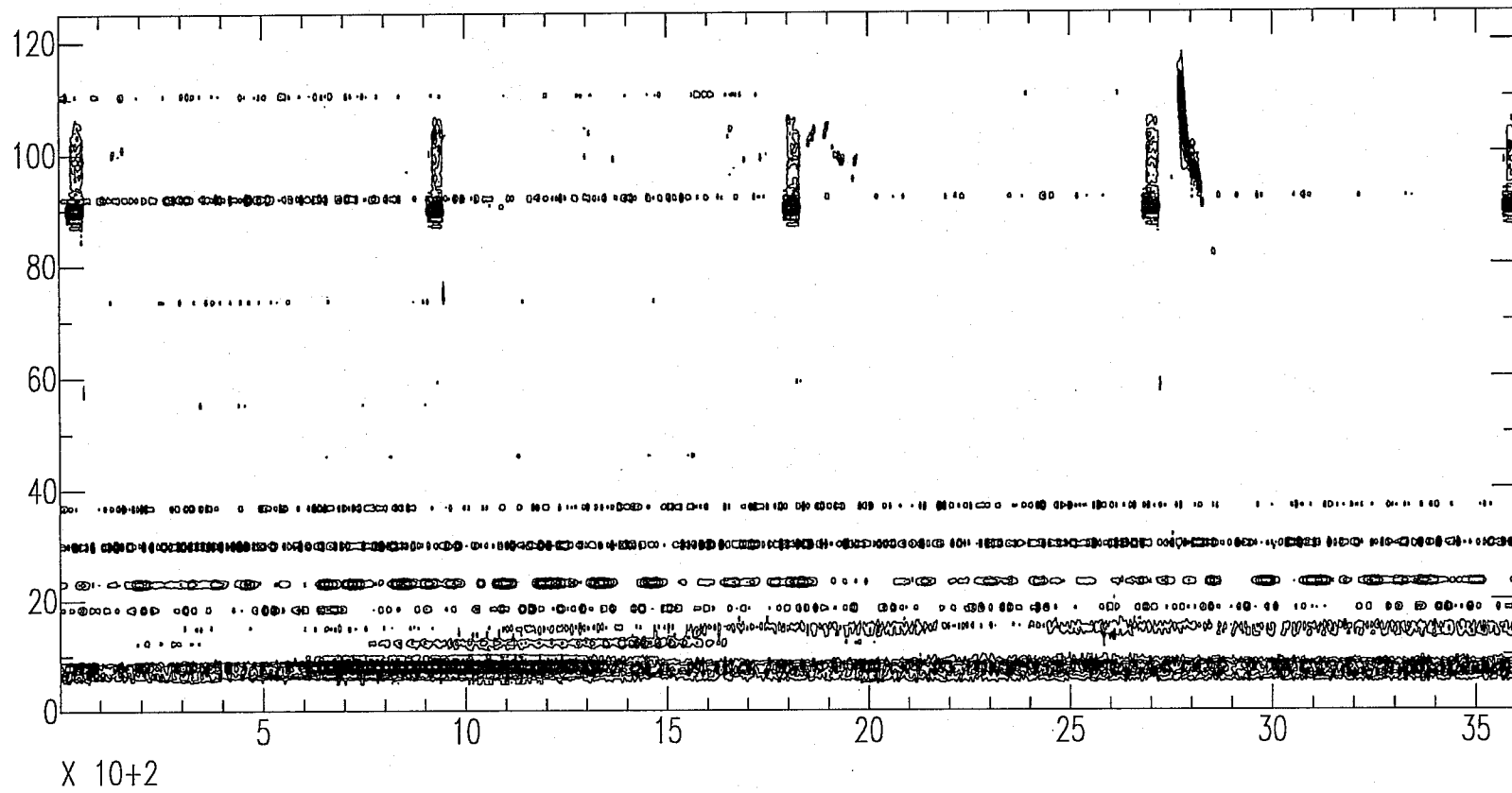
345.02.1.sac



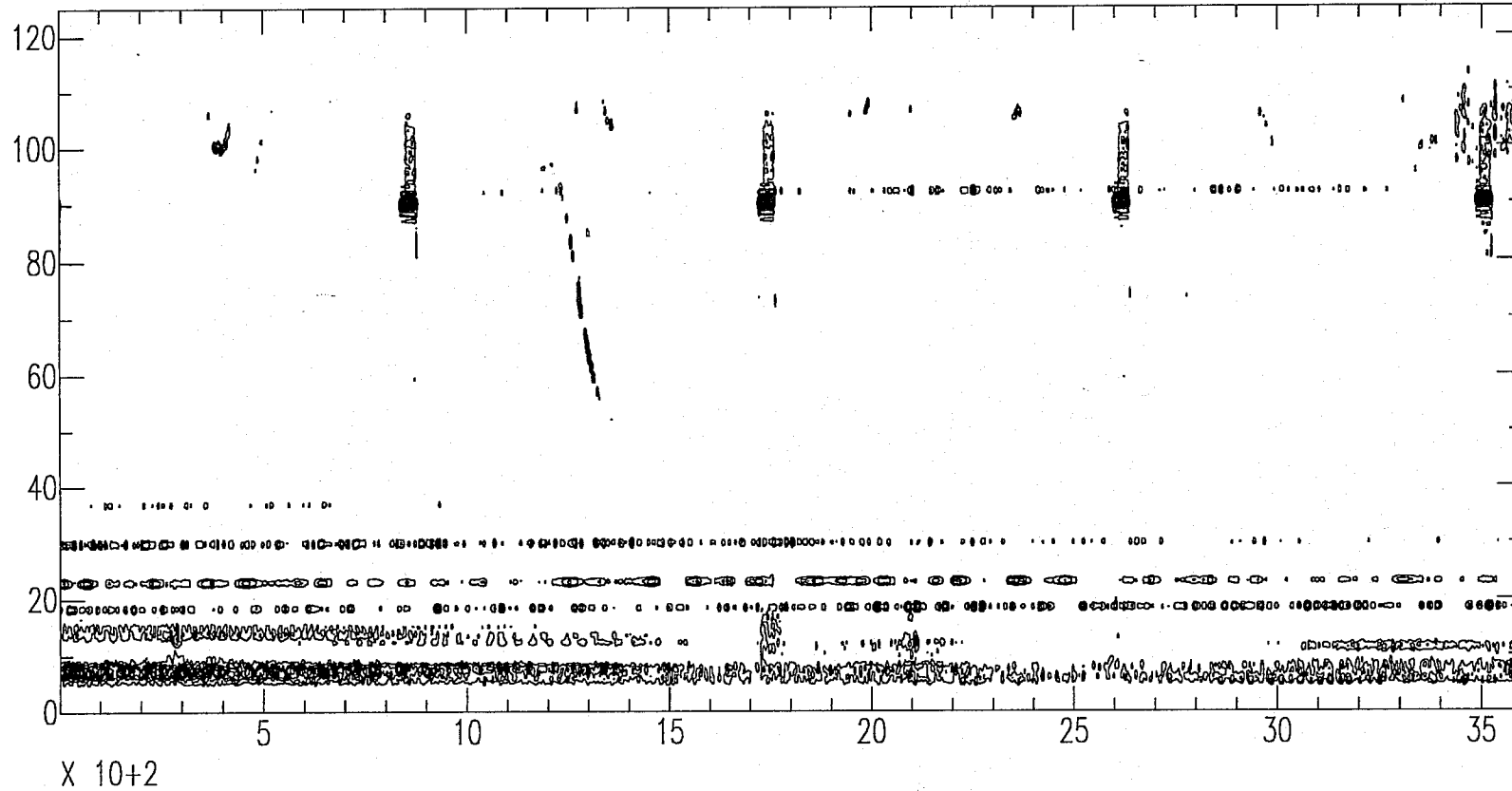
345.03.1.sac



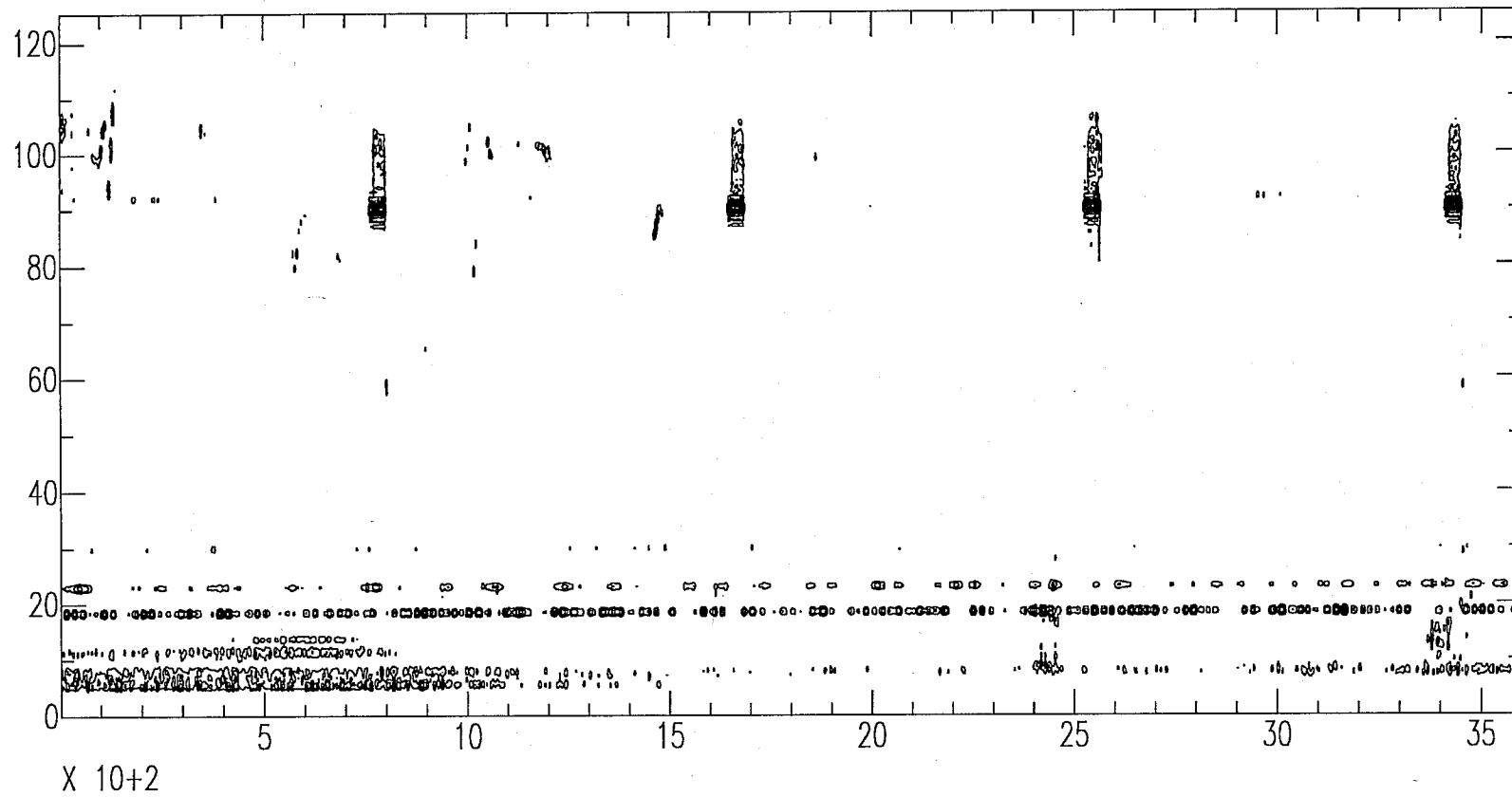
345.04.1.sac



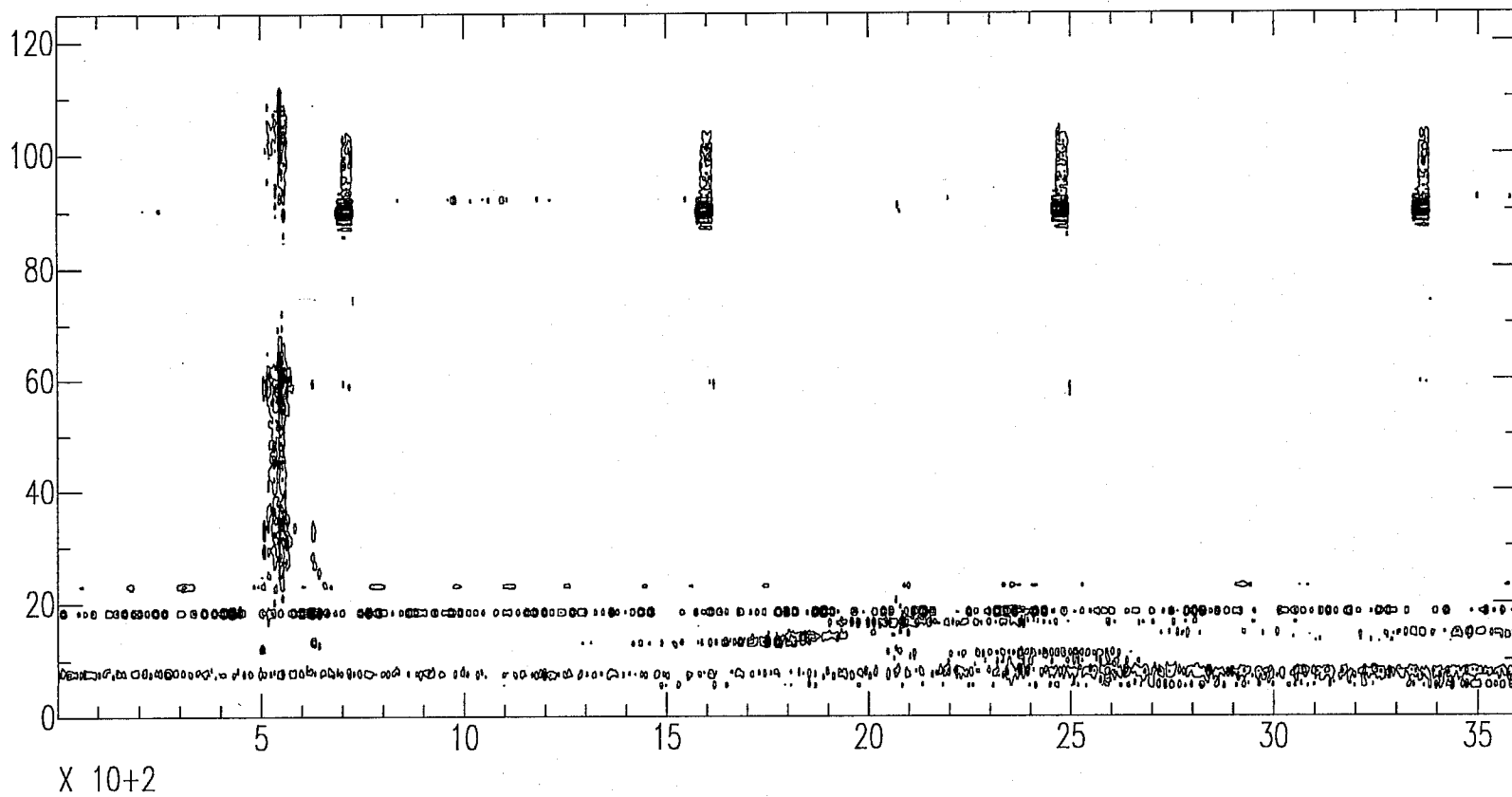
345.05.1.sac



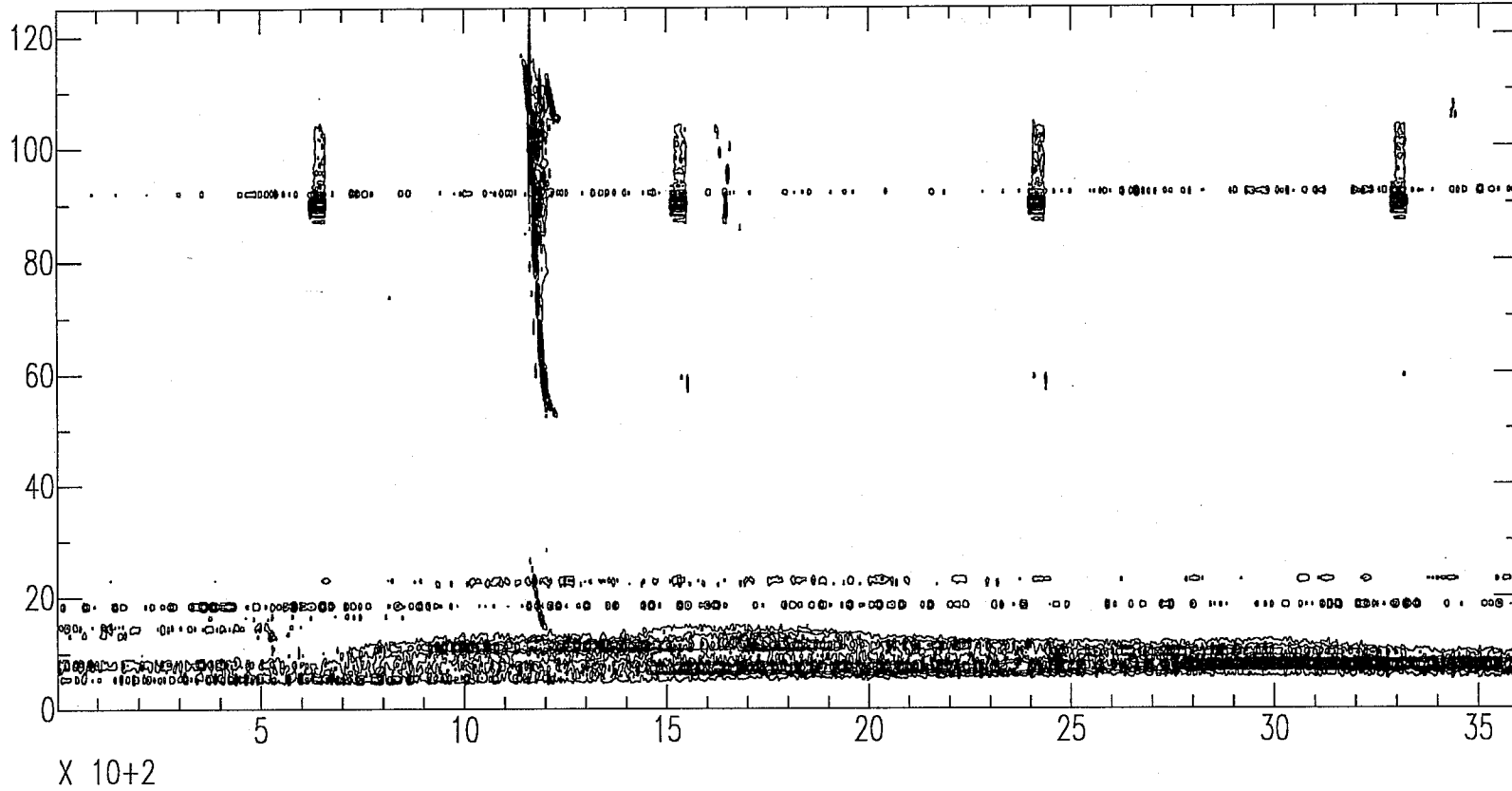
345.06.1.sac



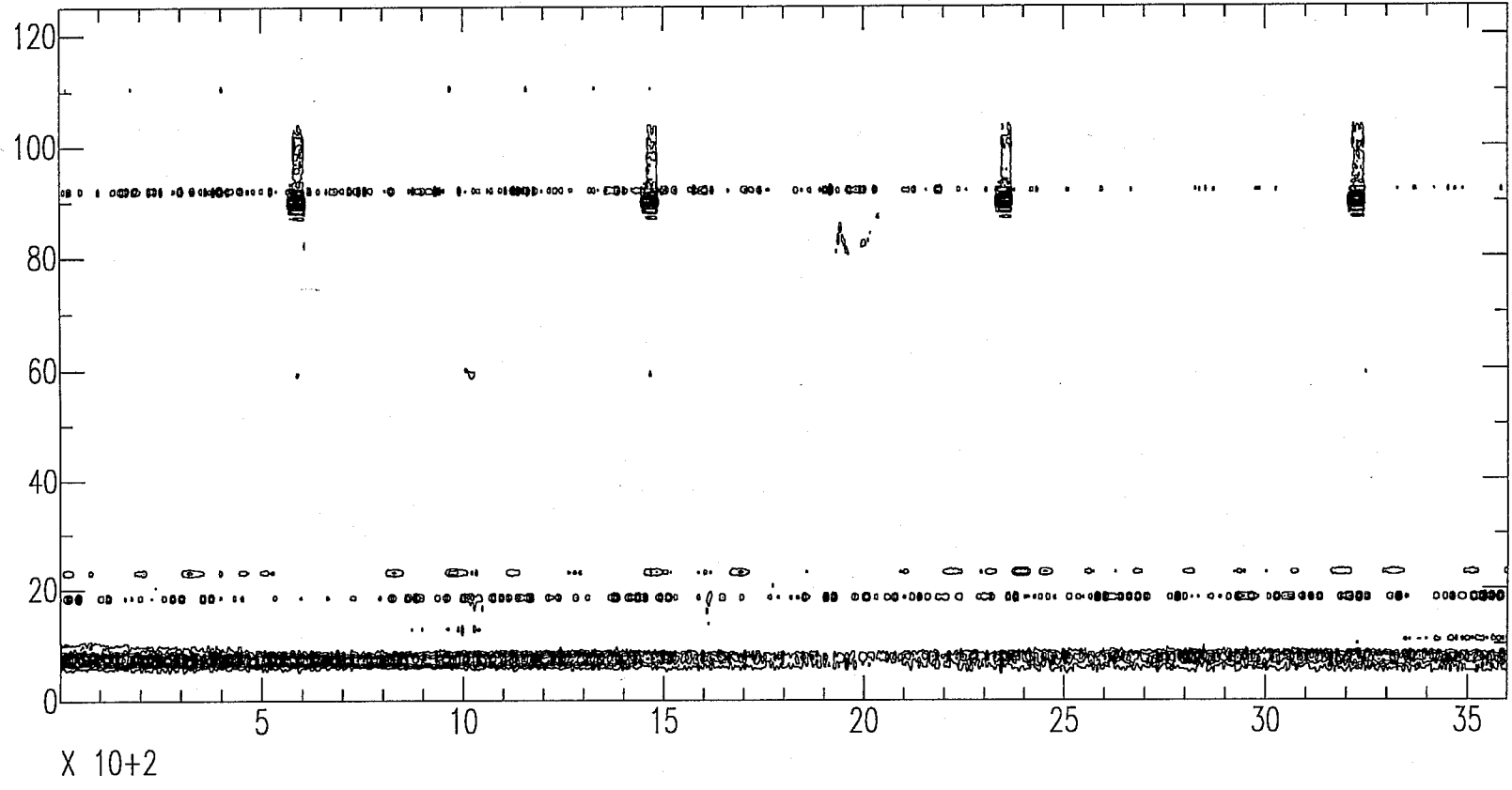
345.07.1.sac



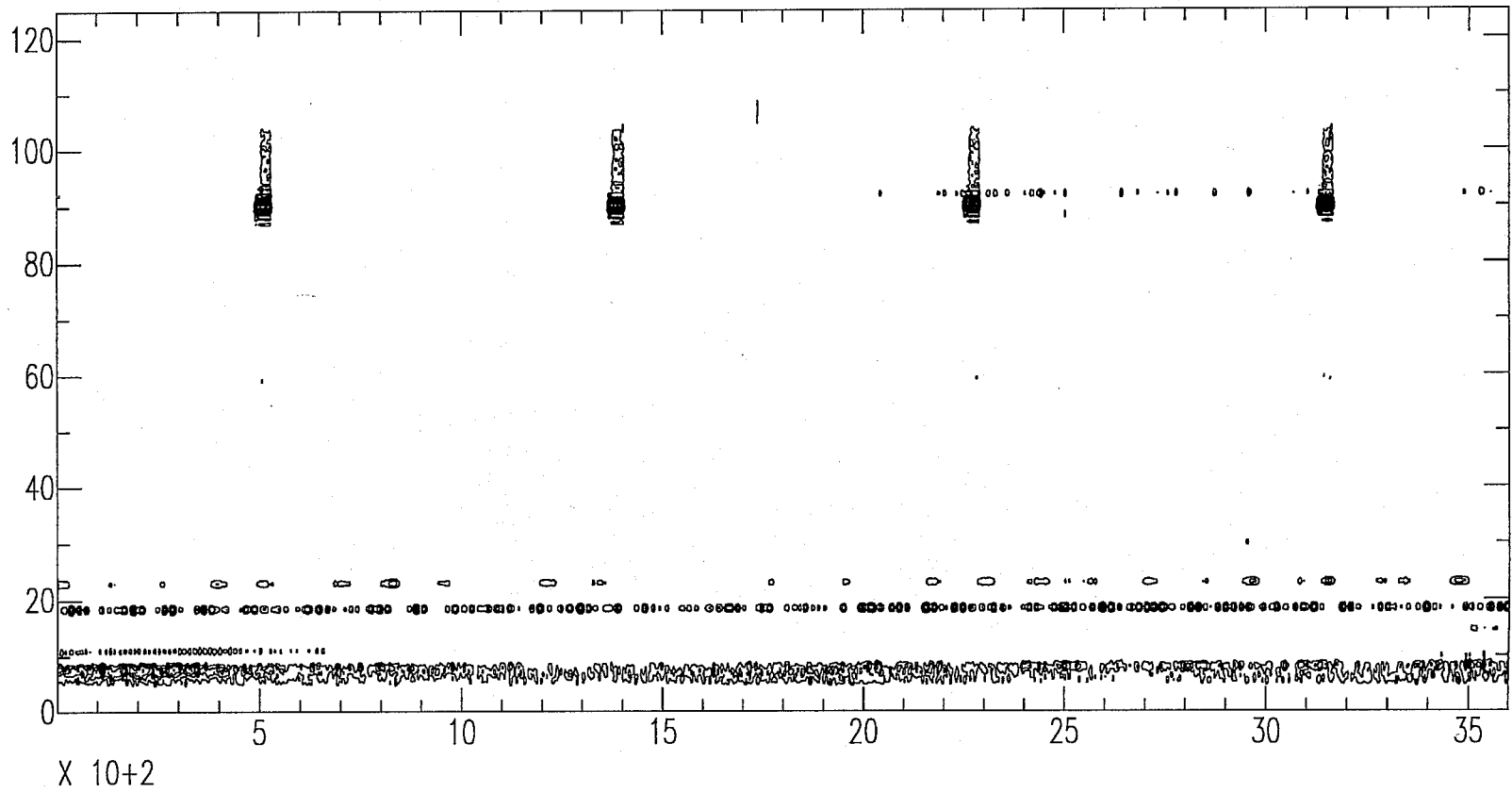
345.08.1.soc



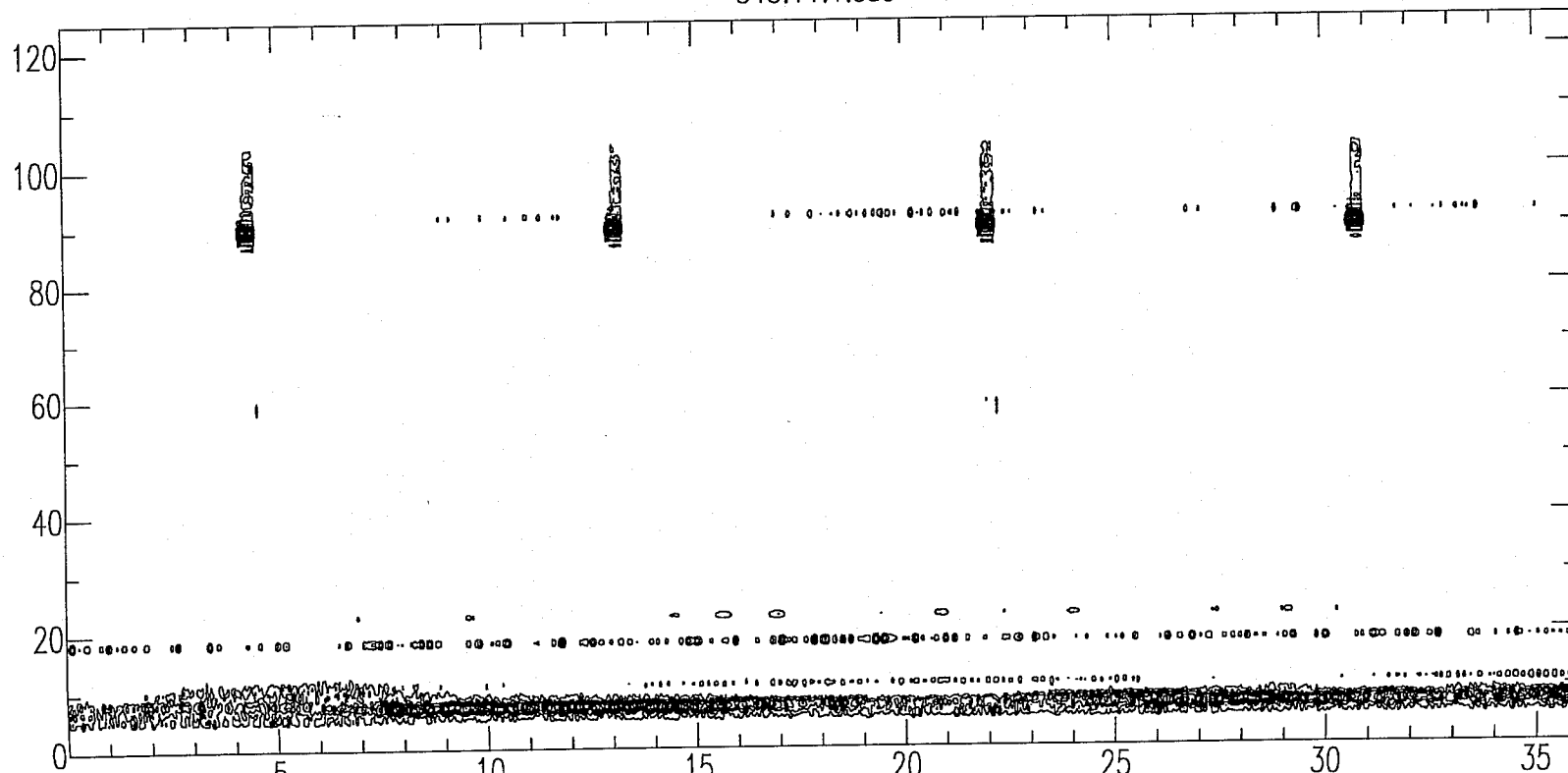
345.09.1.sac



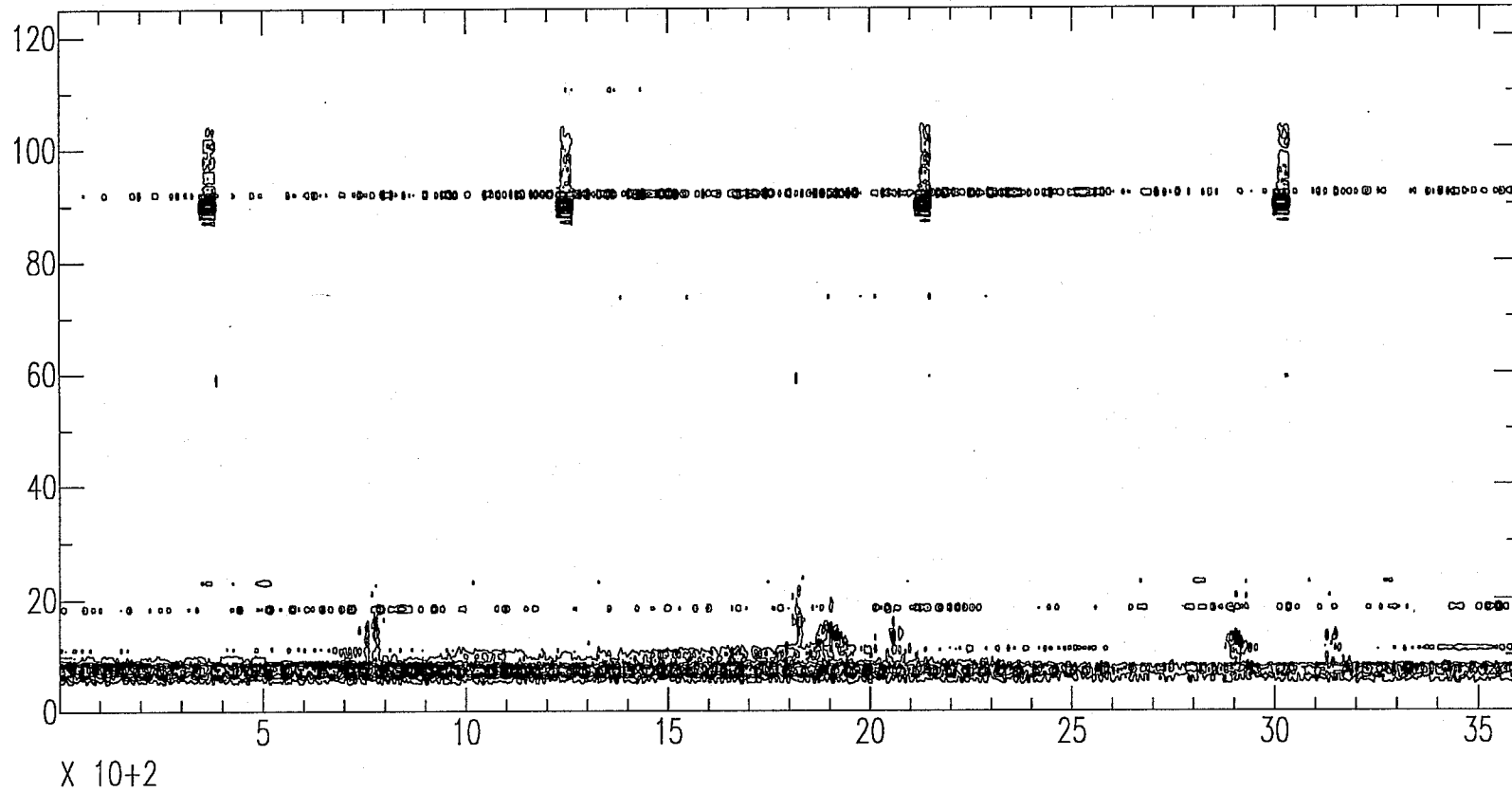
345.10.1.sac



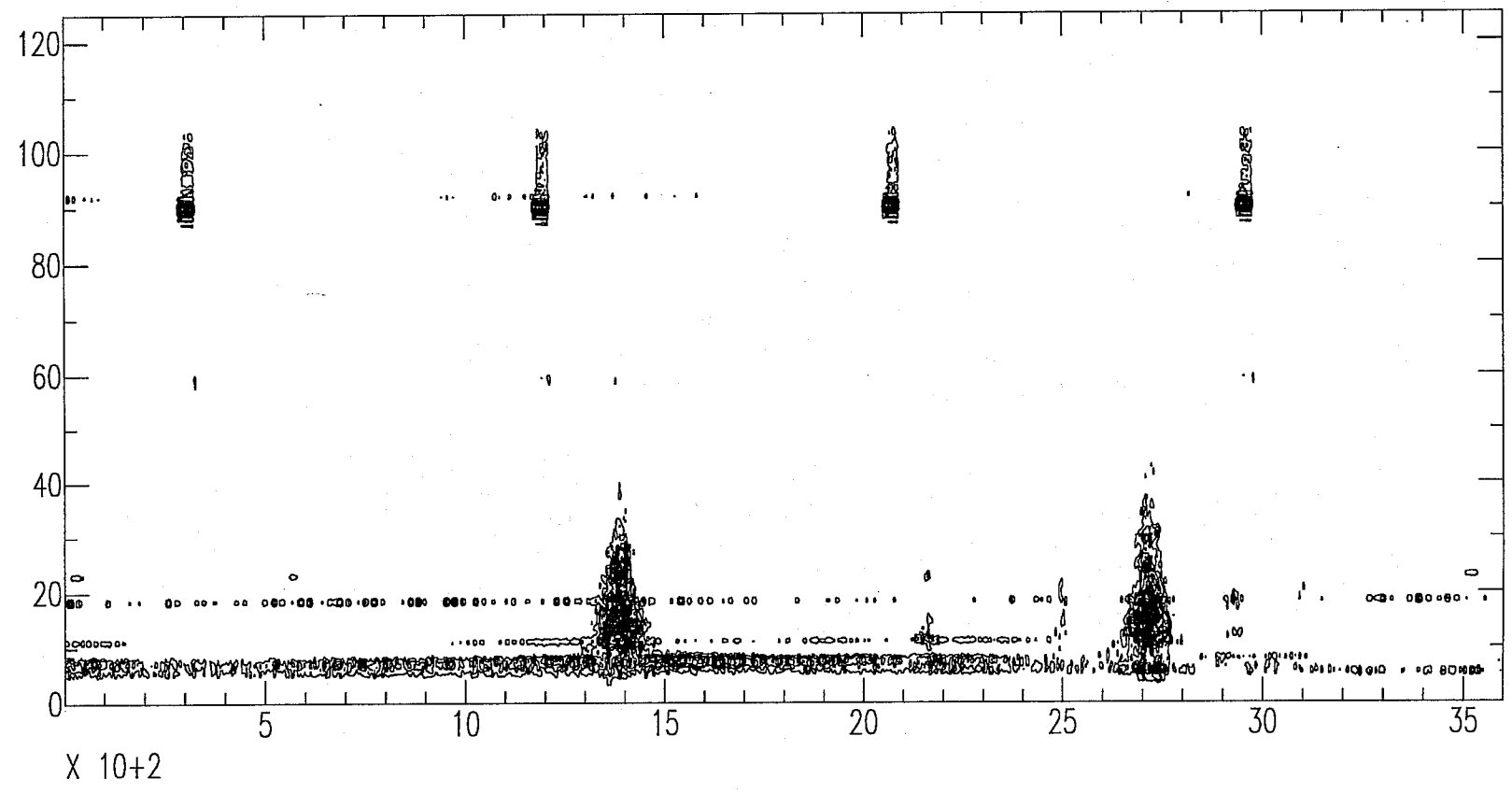
345.11.1.sac



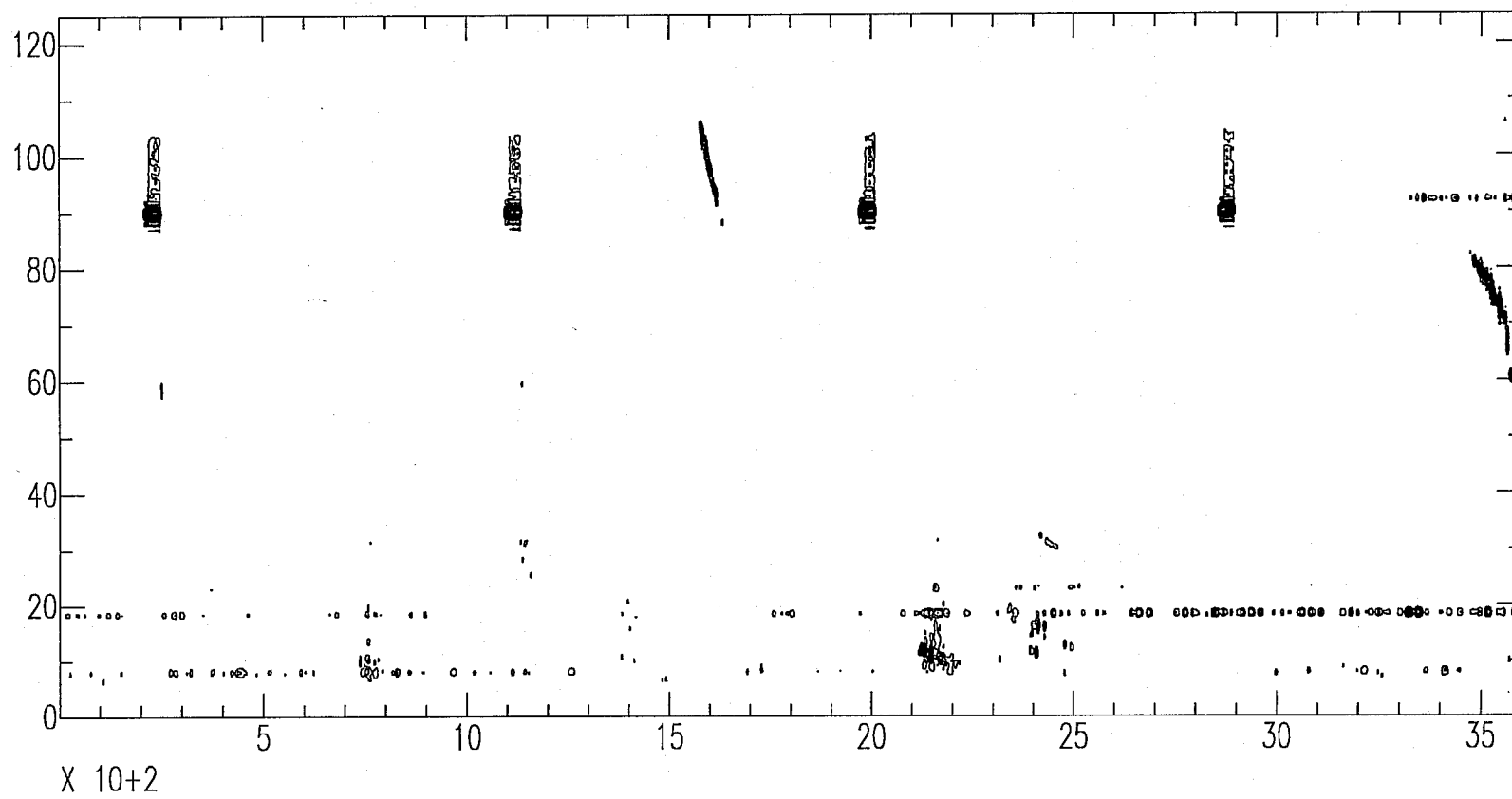
345.12.1.sac



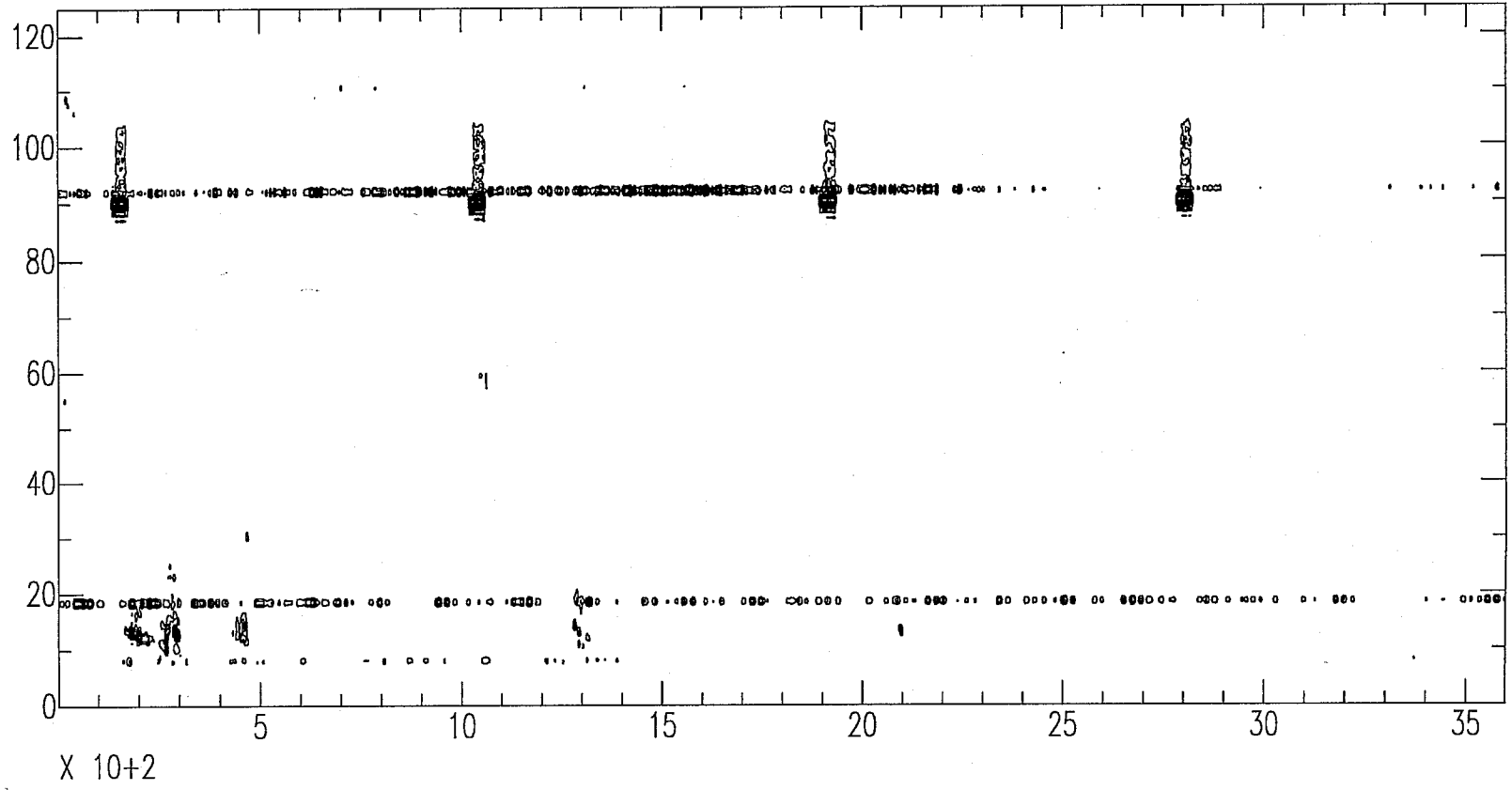
345.13.1.sac



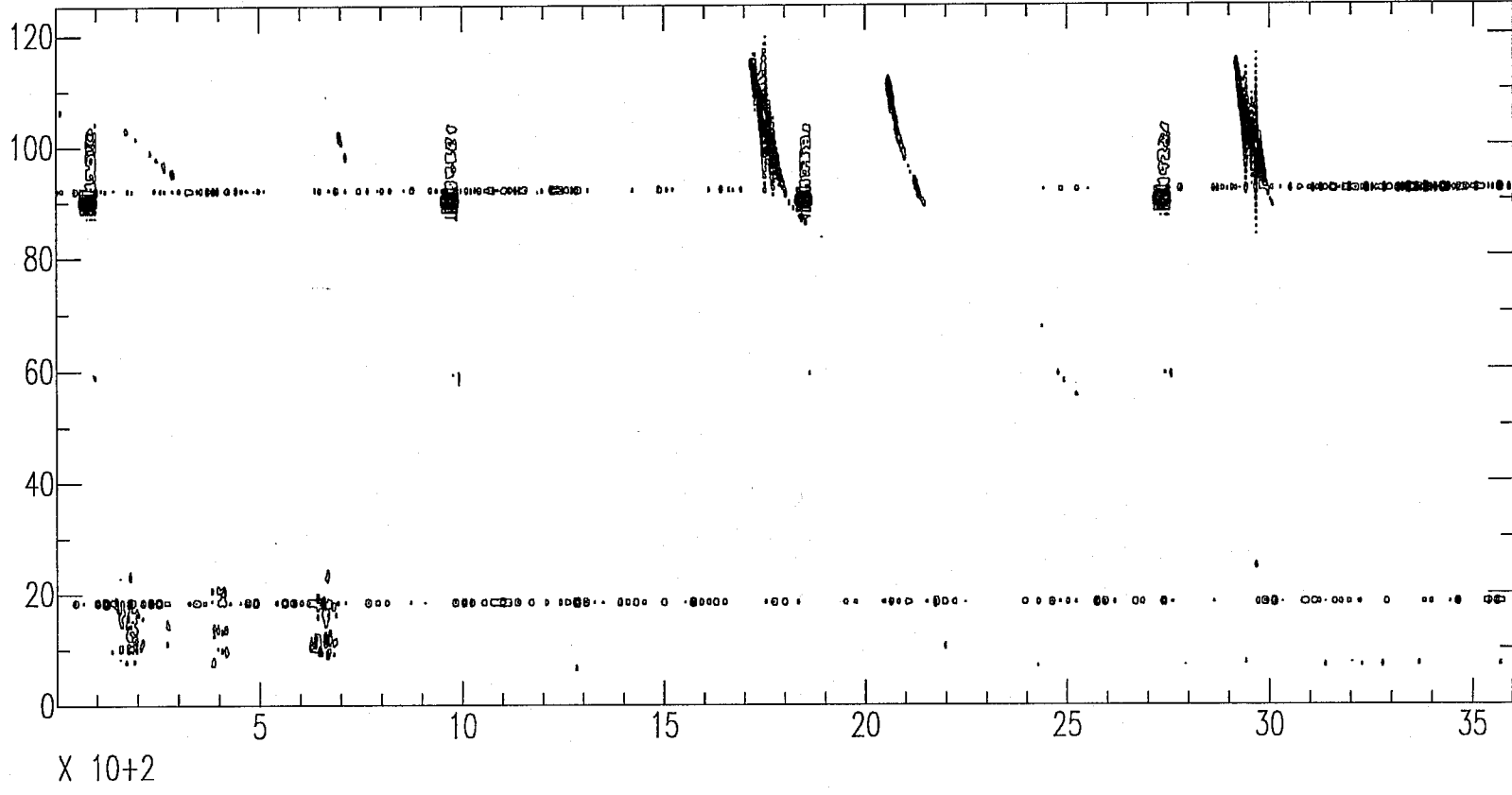
345.14.1.soc



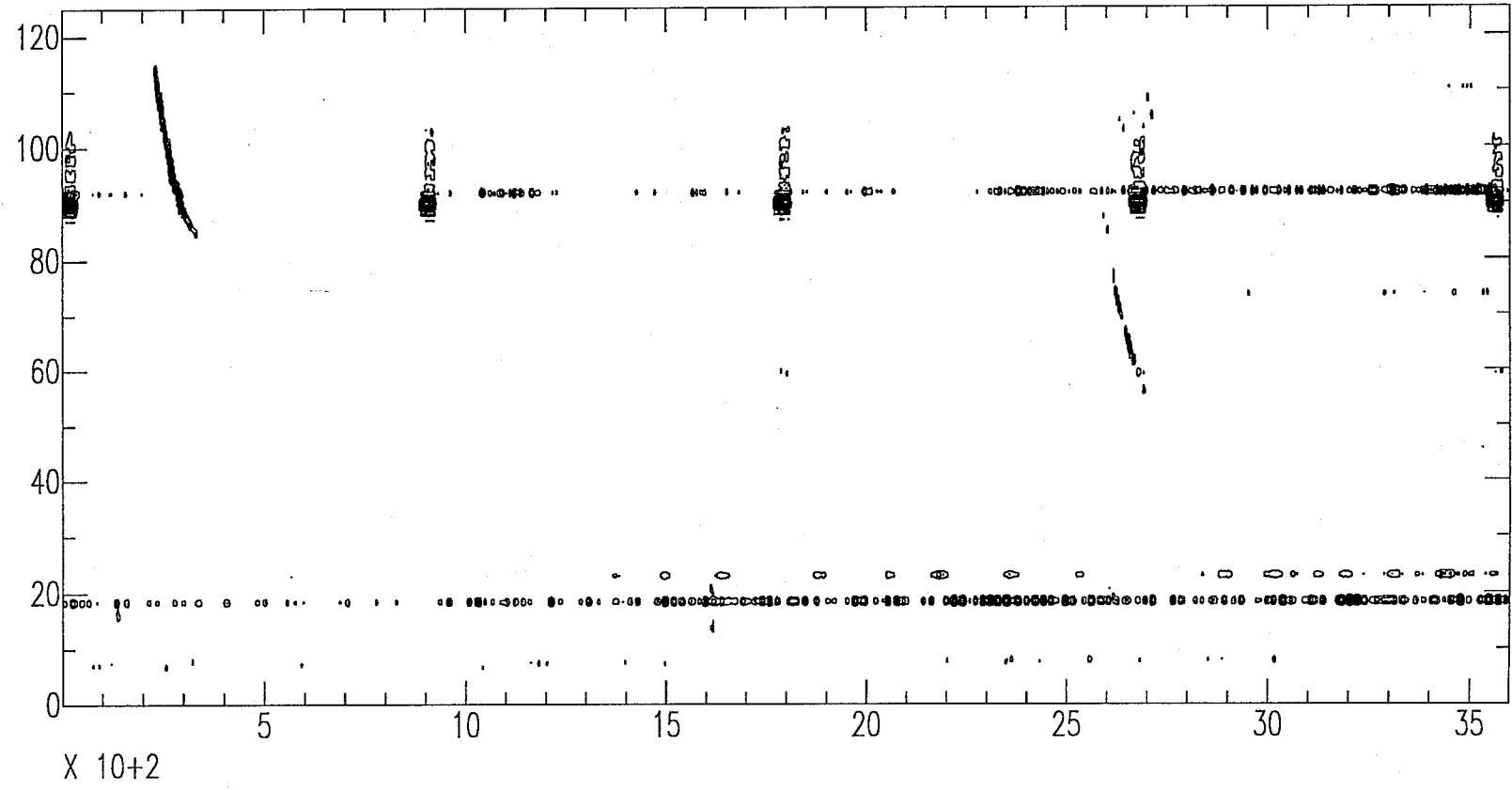
345.15.1.sac



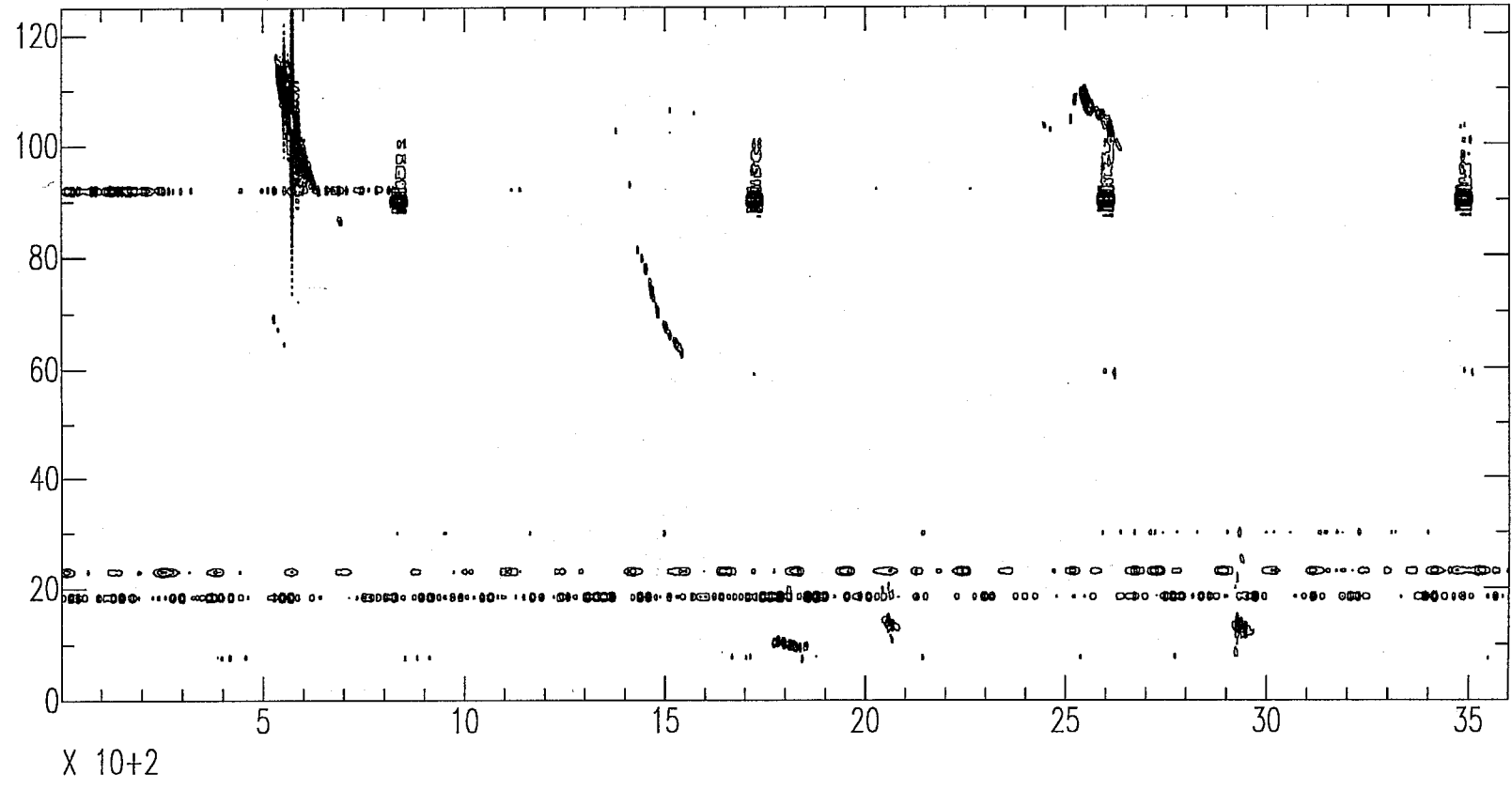
345.16.1.sac



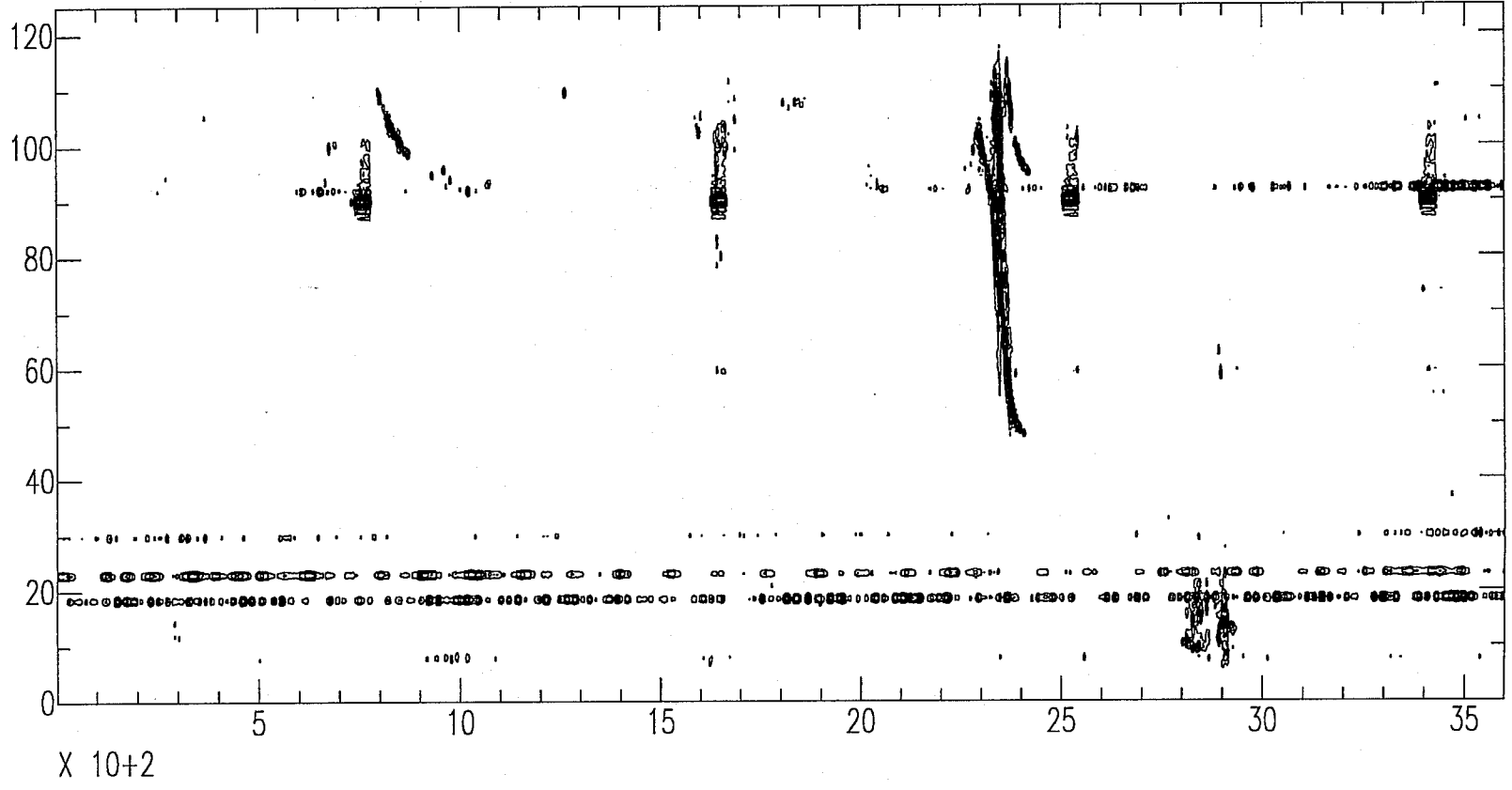
345.17.1.sac



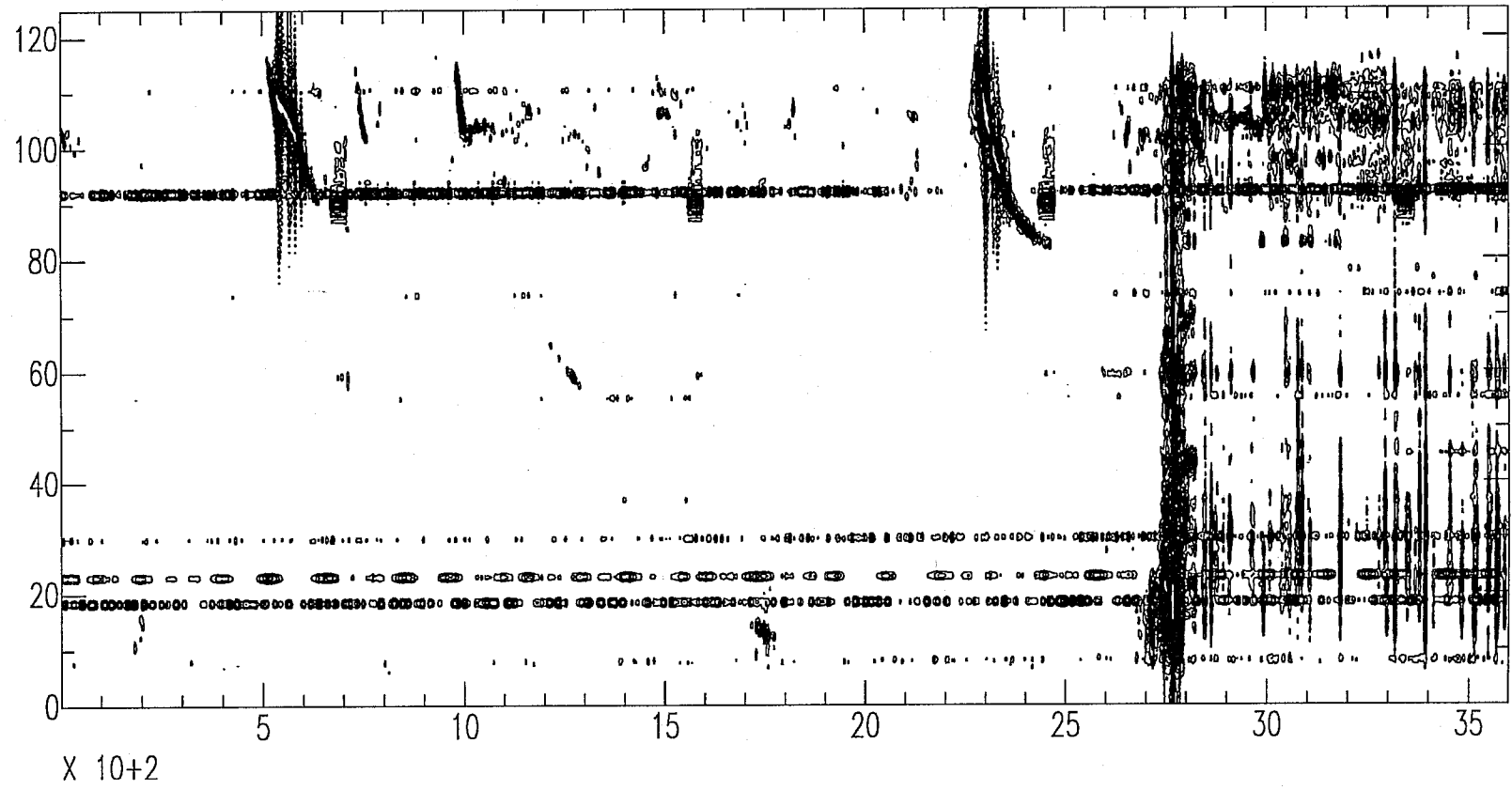
345.18.1.soc



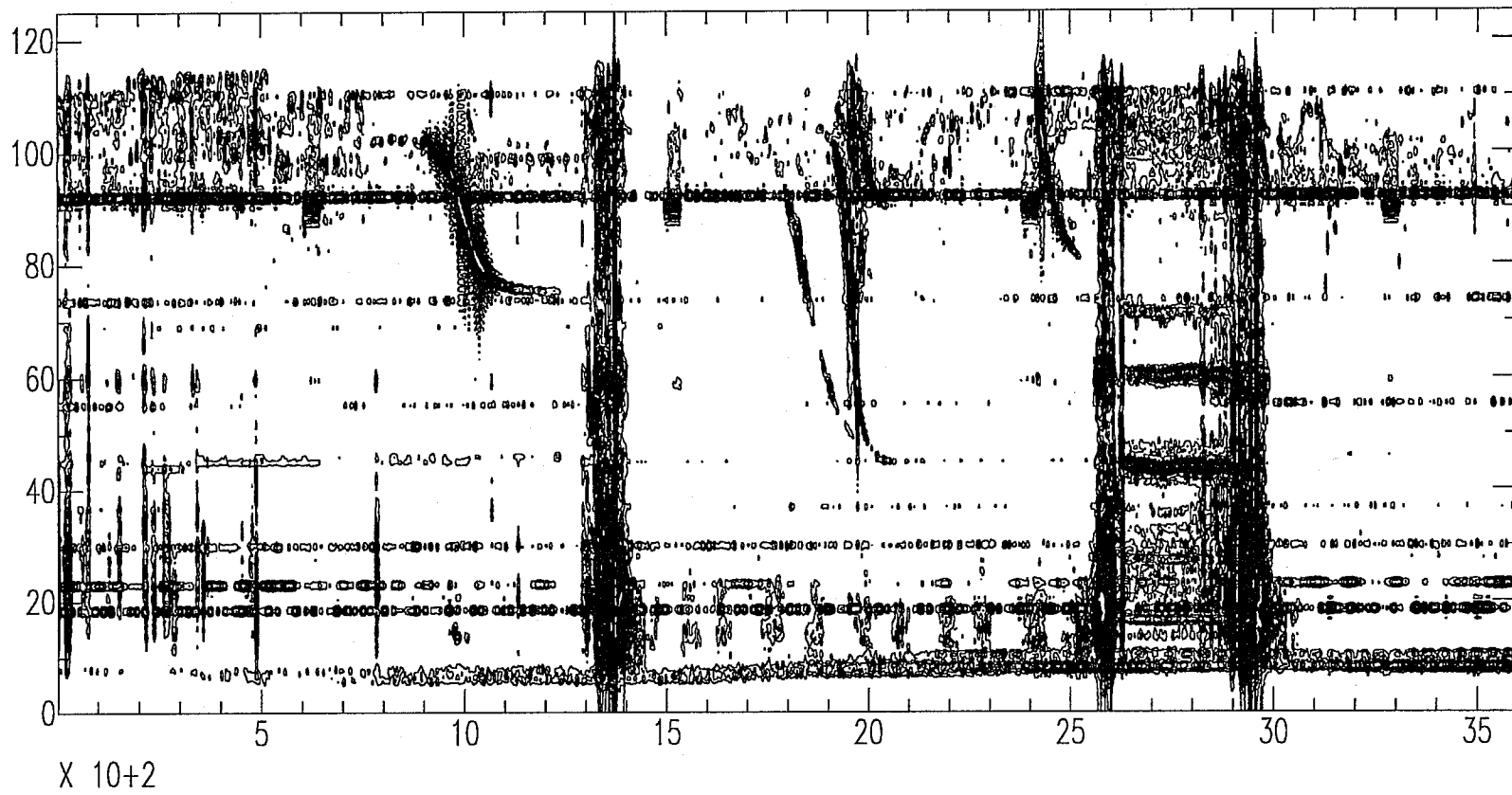
345.19.1.sac



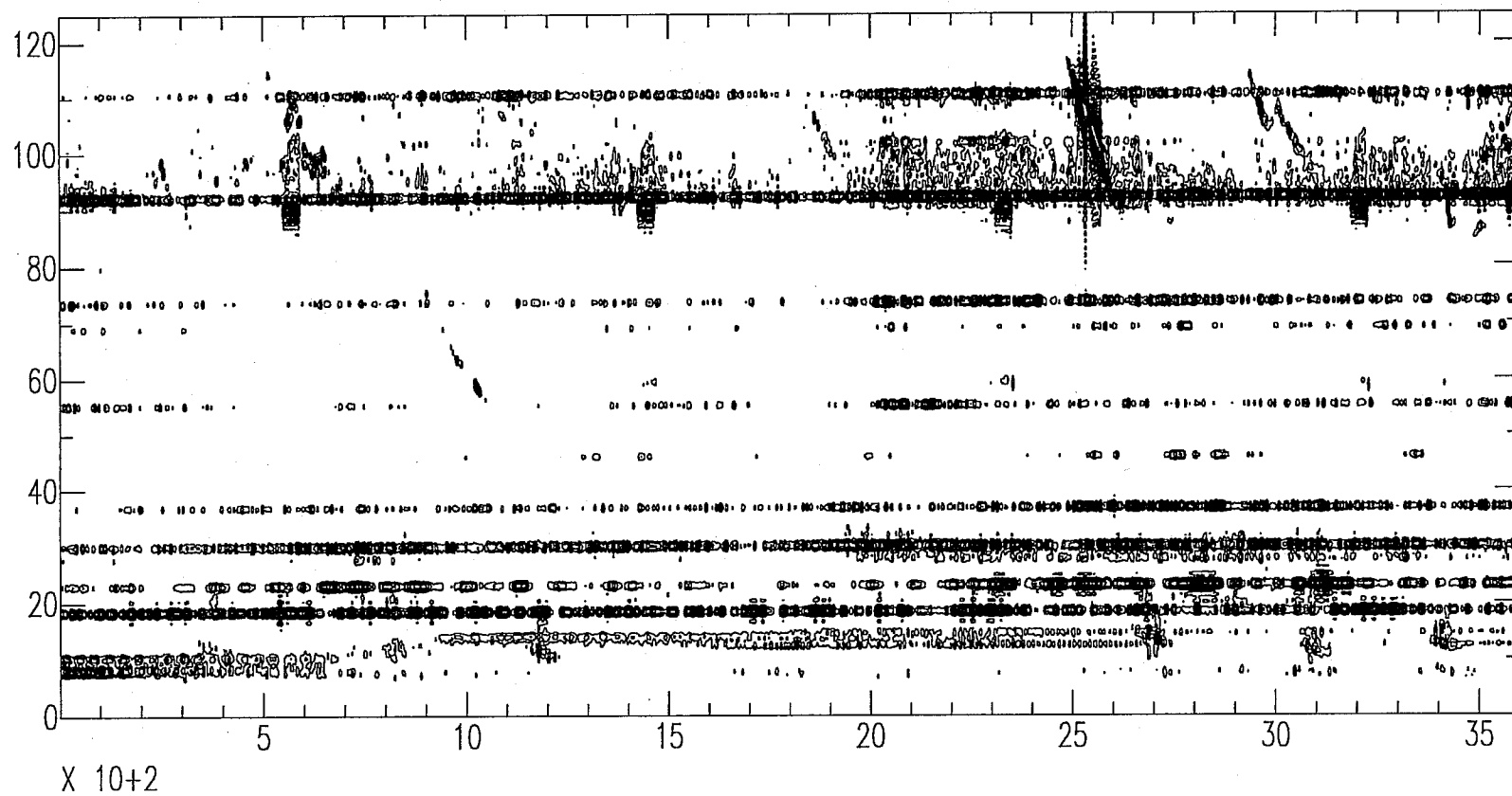
345.20.1.sac



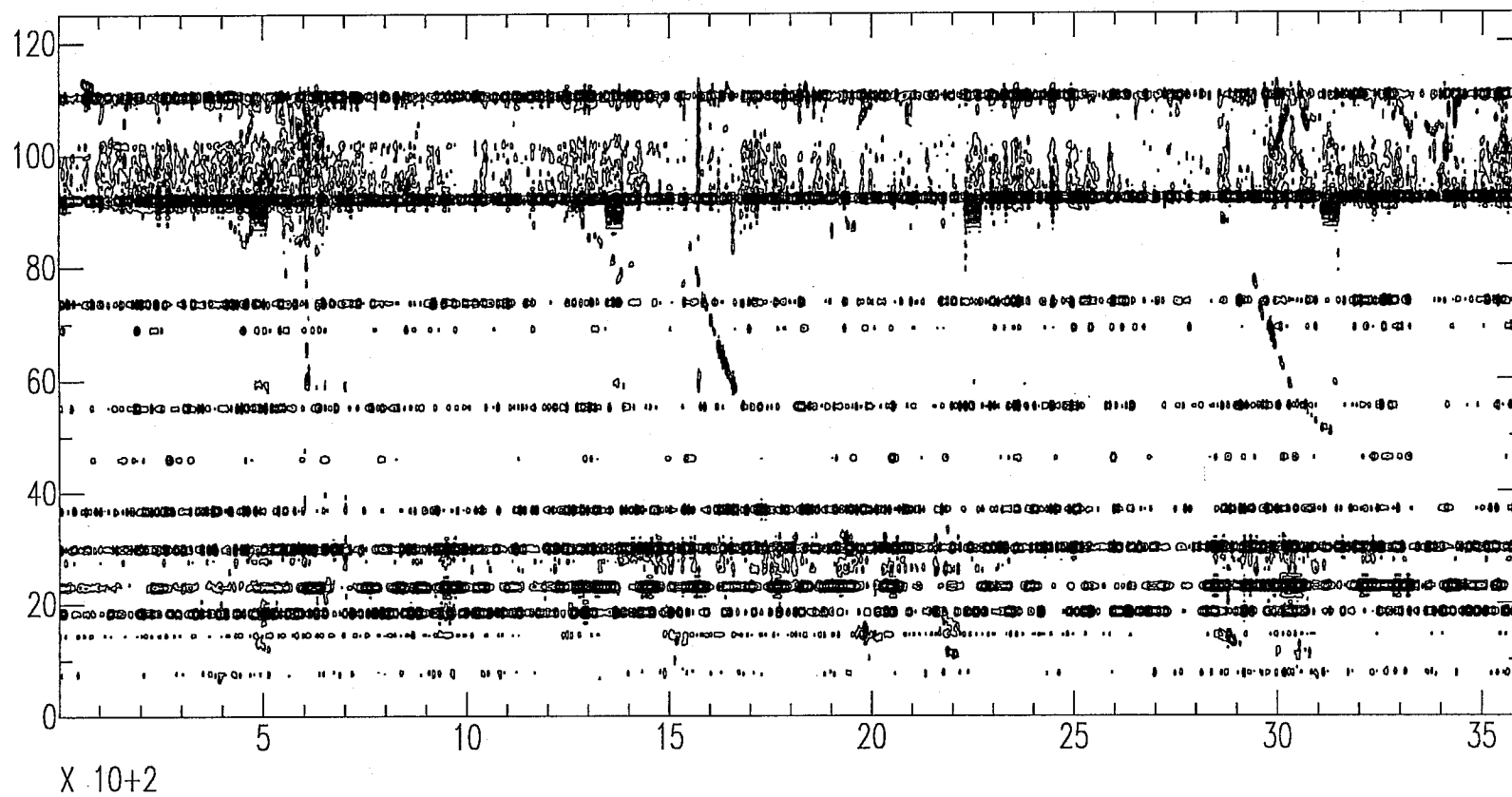
345.21.1.sac



345.22.1.sac



345.23.1.sac



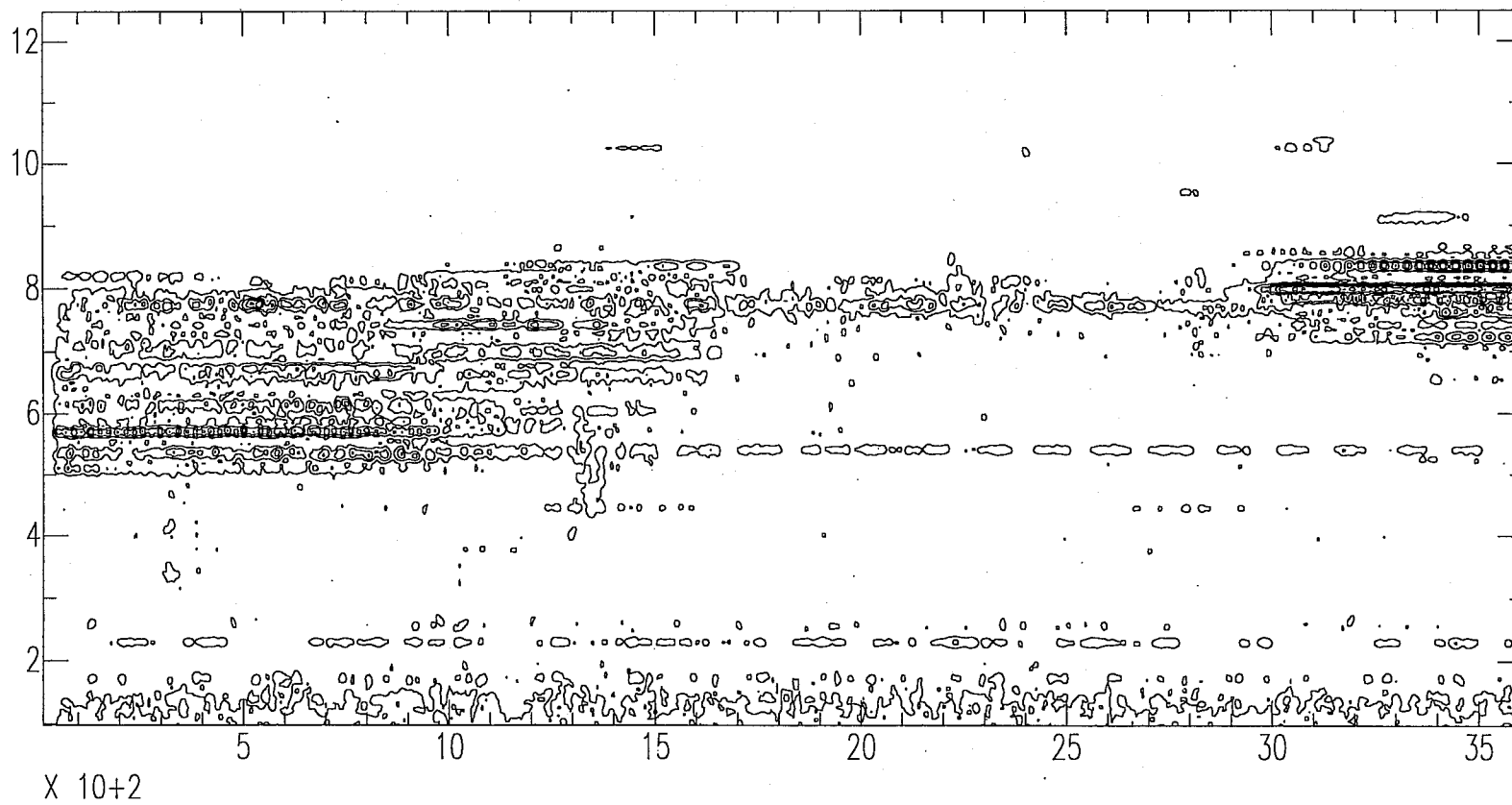
Spectrograms for 24-Hour Periods

LIGO Corner Day 345

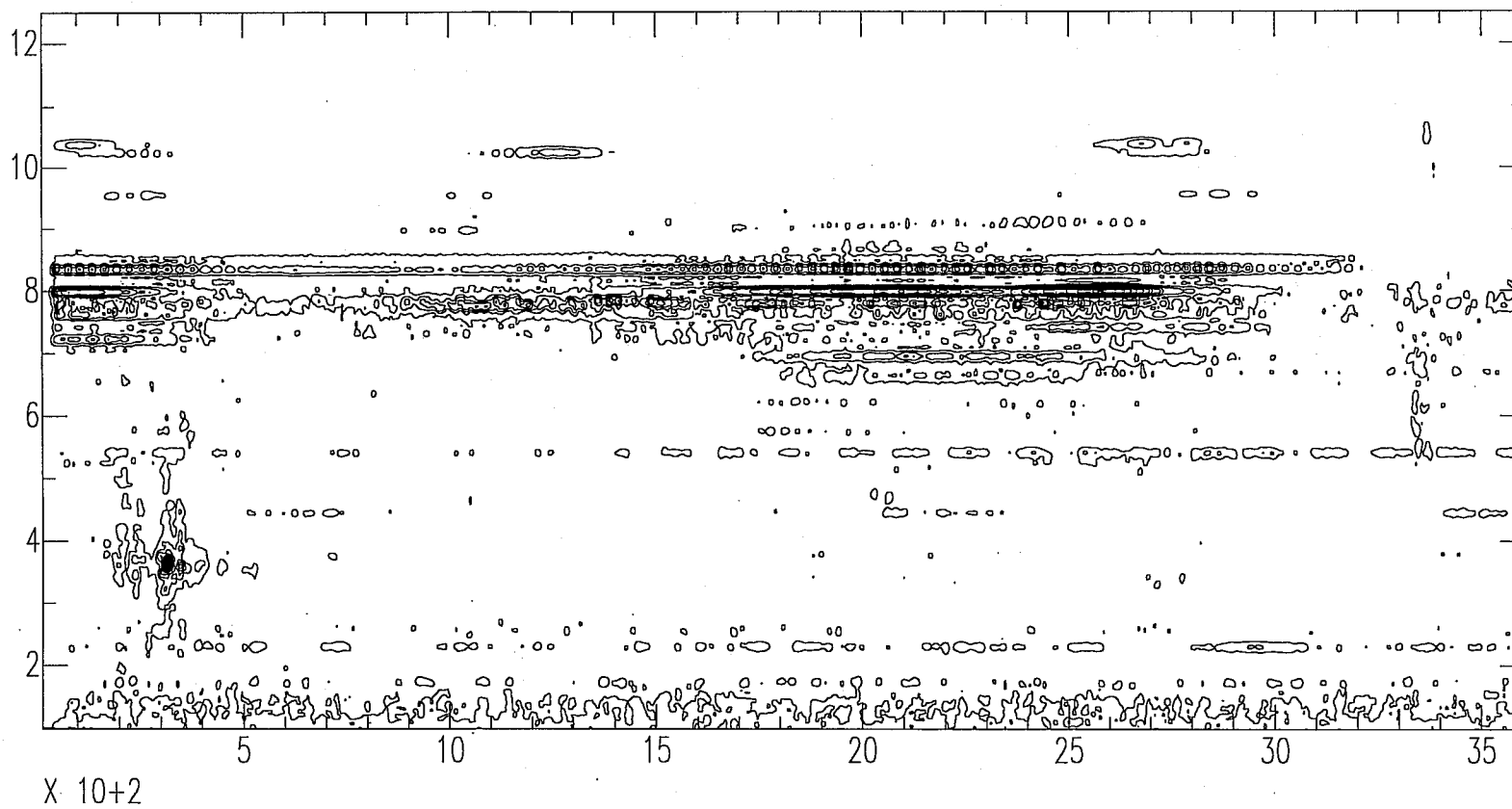
Vertical Component Displacement 1-12.5 Hz

Hour 00 00:06 - 01:06 GMT
Hour 01 01:06 - 02:06 GMT
Hour 02 02:06 - 03:06 GMT
Hour 02 03:06 - 04:06 GMT
Hour 04 04:06 - 05:06 GMT
Hour 05 05:06 - 06:06 GMT
Hour 06 06:06 - 07:06 GMT
Hour 07 07:06 - 08:06 GMT
Hour 08 08:06 - 09:06 GMT
Hour 09 09:06 - 10:06 GMT
Hour 10 10:06 - 11:06 GMT
Hour 11 11:06 - 12:06 GMT
Hour 12 12:06 - 13:06 GMT
Hour 13 13:06 - 14:06 GMT
Hour 14 14:06 - 15:06 GMT
Hour 15 15:06 - 16:06 GMT
Hour 16 16:06 - 17:06 GMT
Hour 17 17:06 - 18:06 GMT
Hour 18 18:06 - 19:06 GMT
Hour 19 19:06 - 20:06 GMT
Hour 20 20:06 - 21:06 GMT
Hour 21 21:06 - 22:06 GMT
Hour 22 22:06 - 23:06 GMT
Hour 23 23:06 - 24:06 GMT

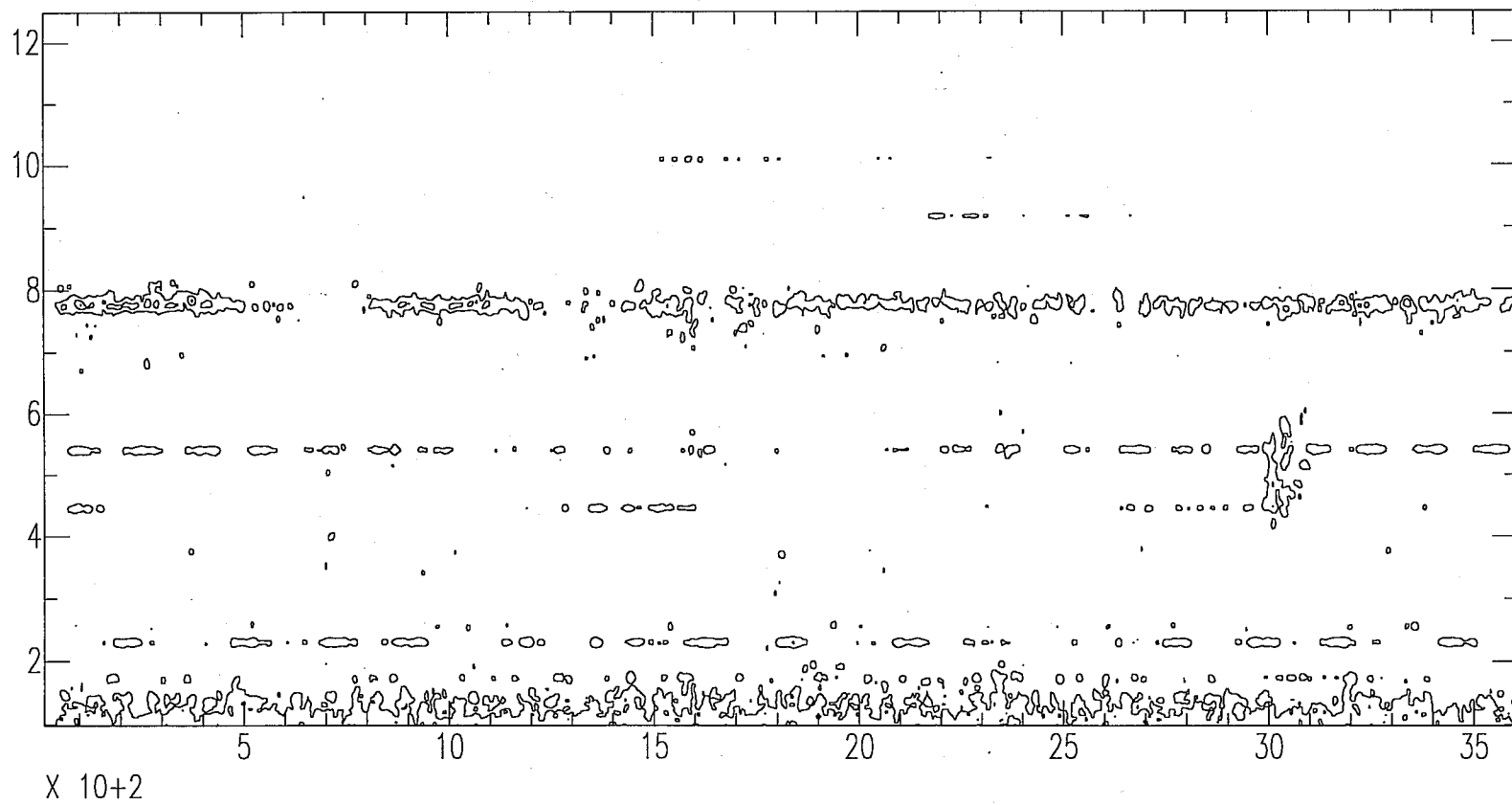
345.00.1.sac.mid



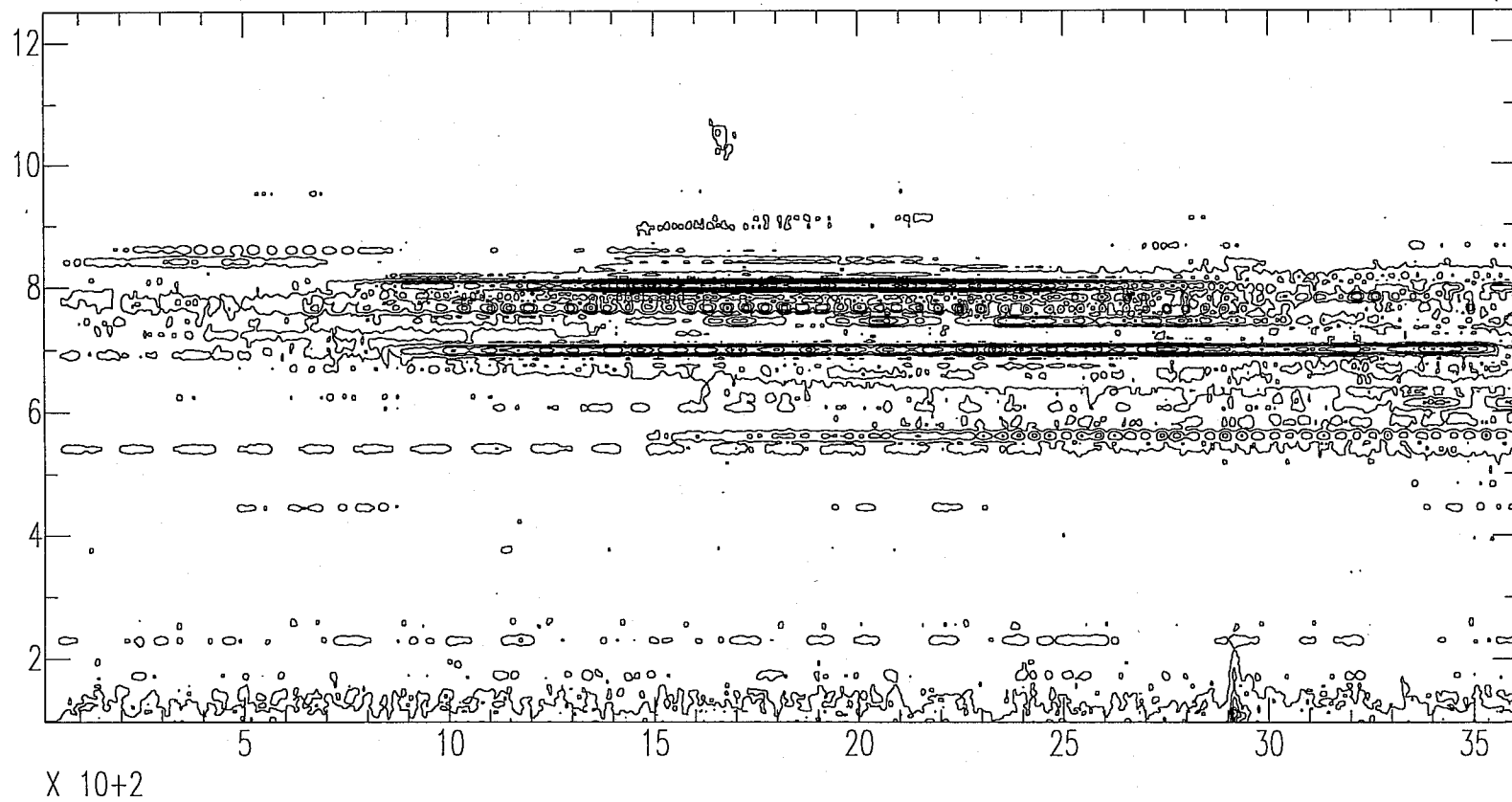
345.01.1.sac.mid



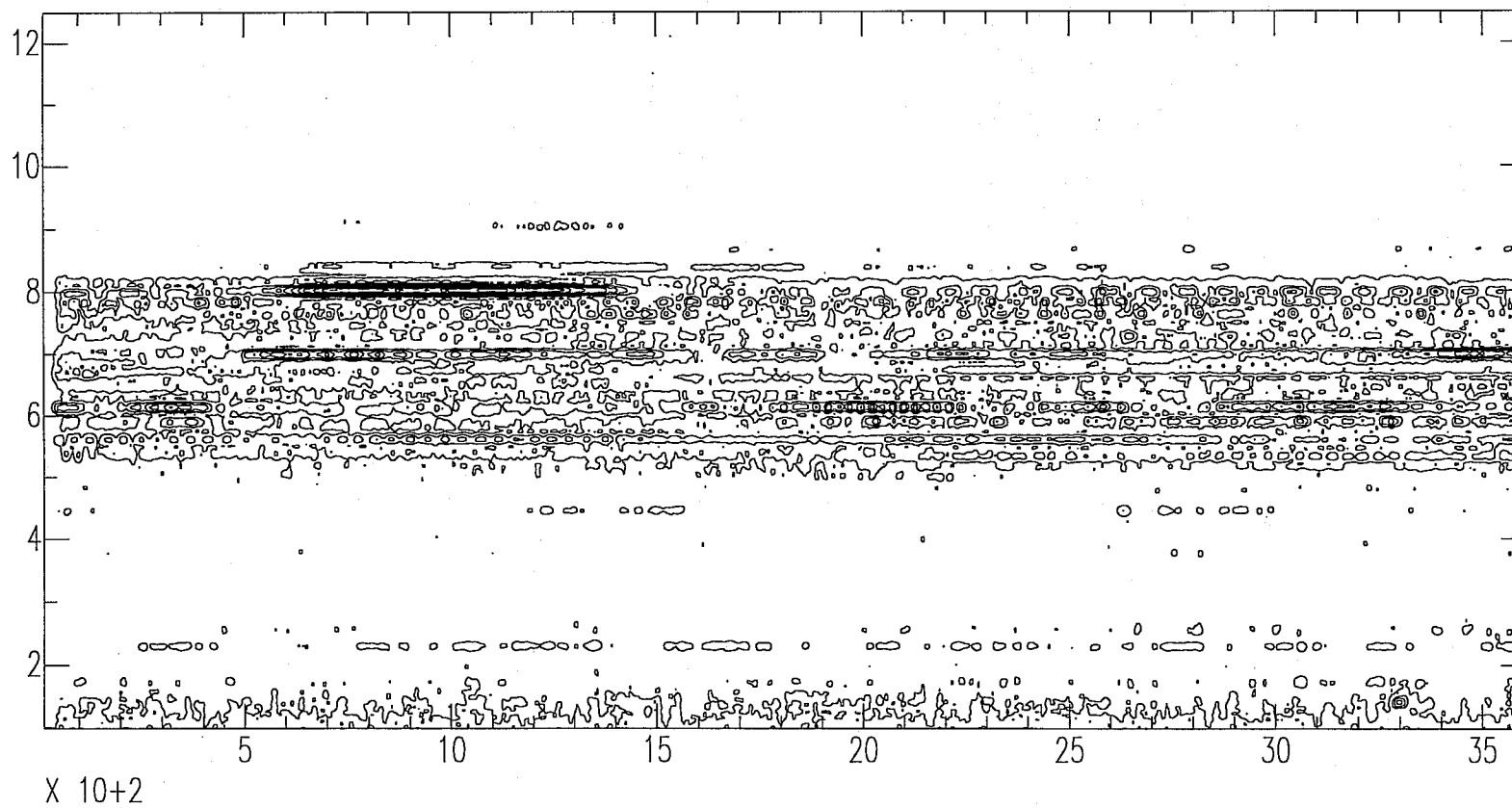
345.02.1.sac.mid



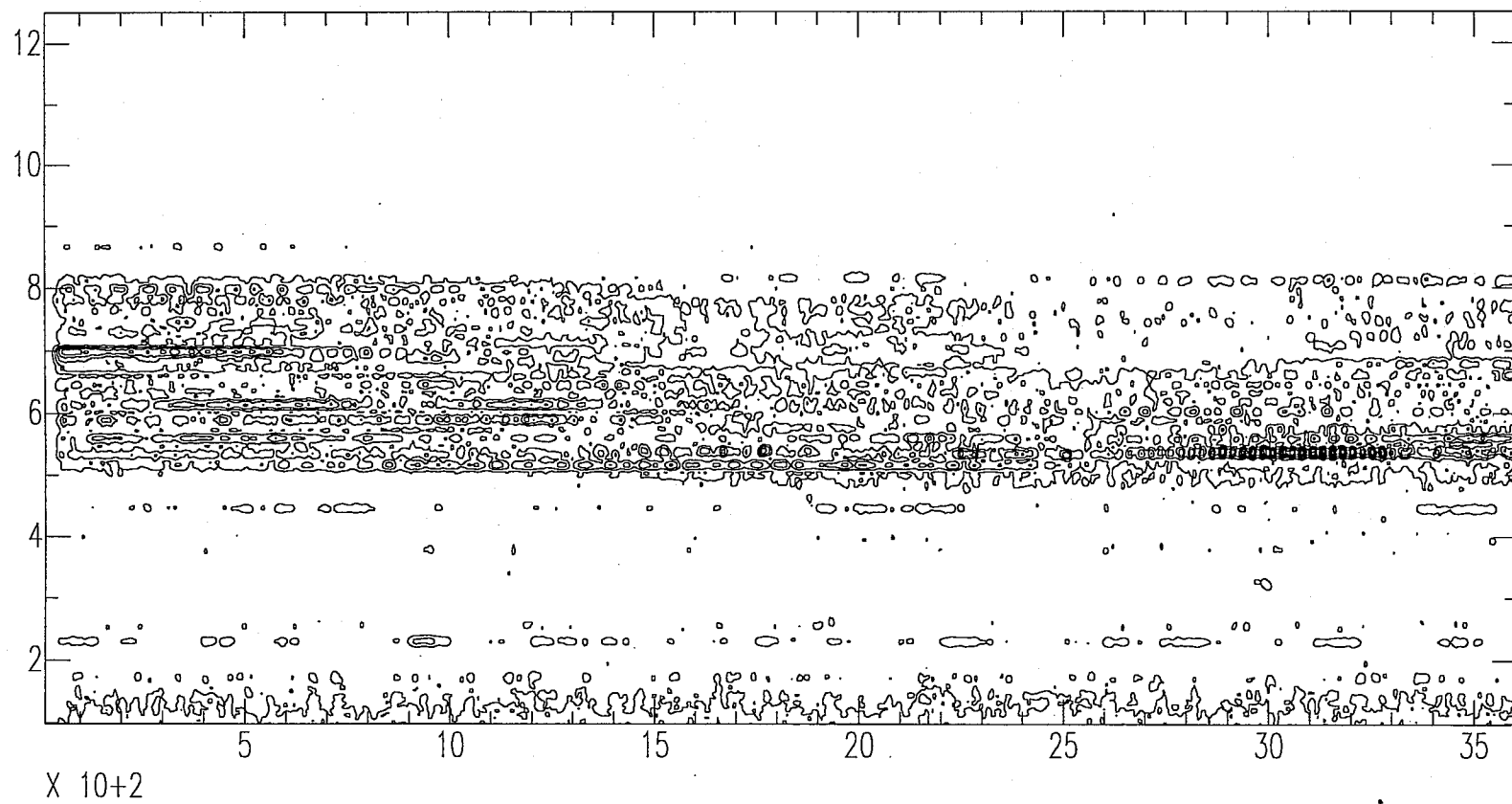
345.03.1.sac.mid



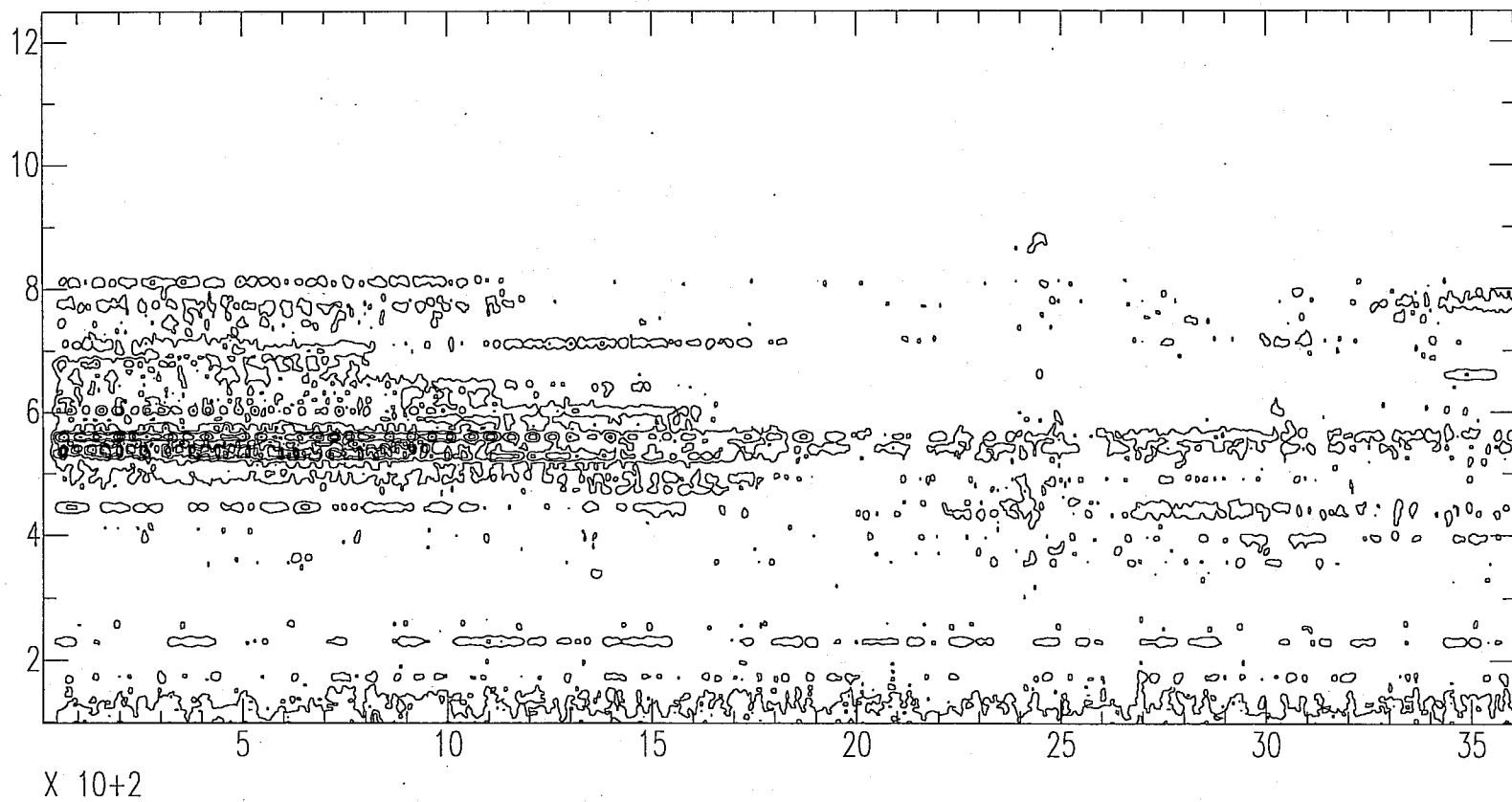
345.04.1.sac.mid



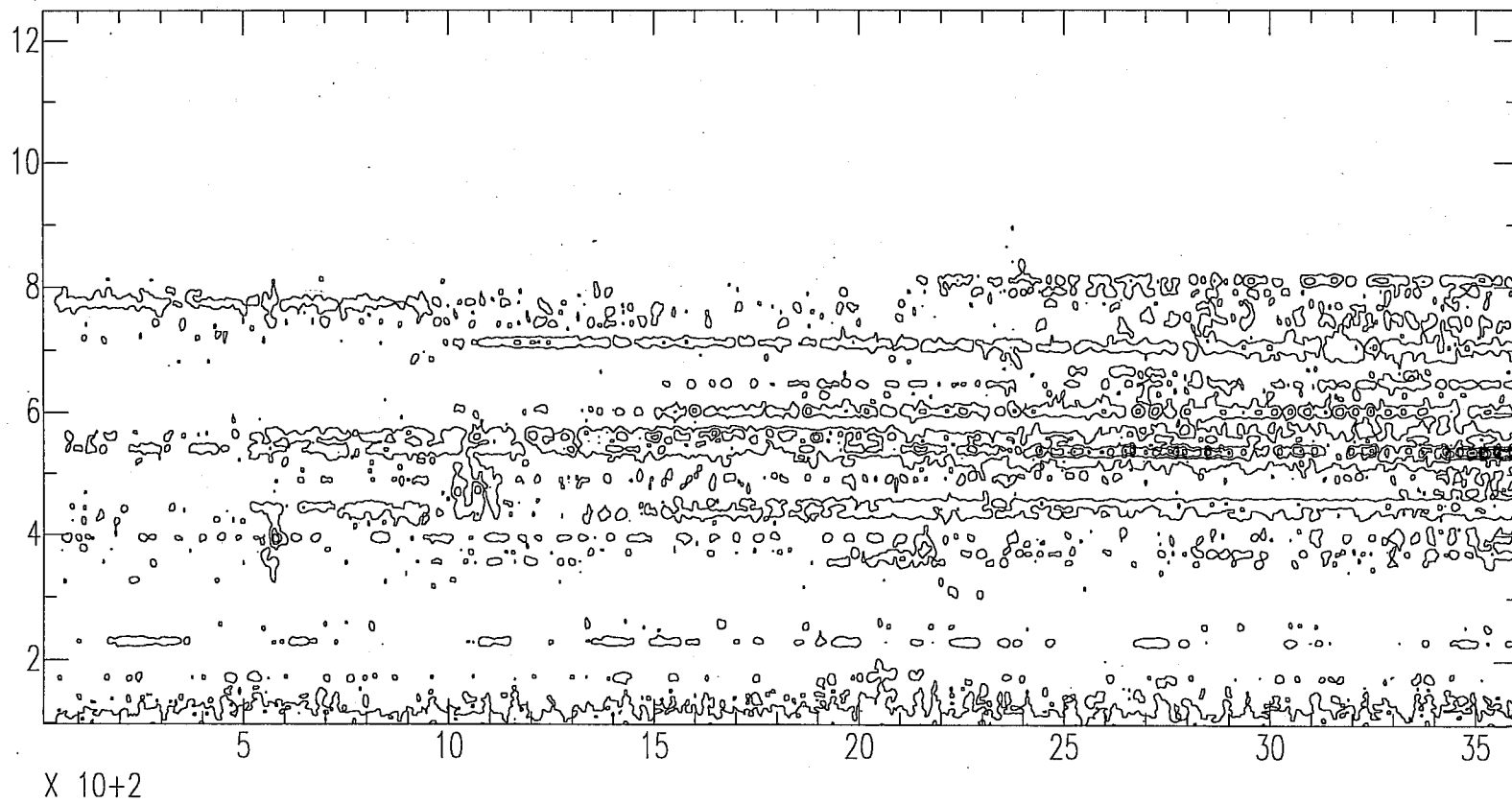
345.05.1.sac.mid



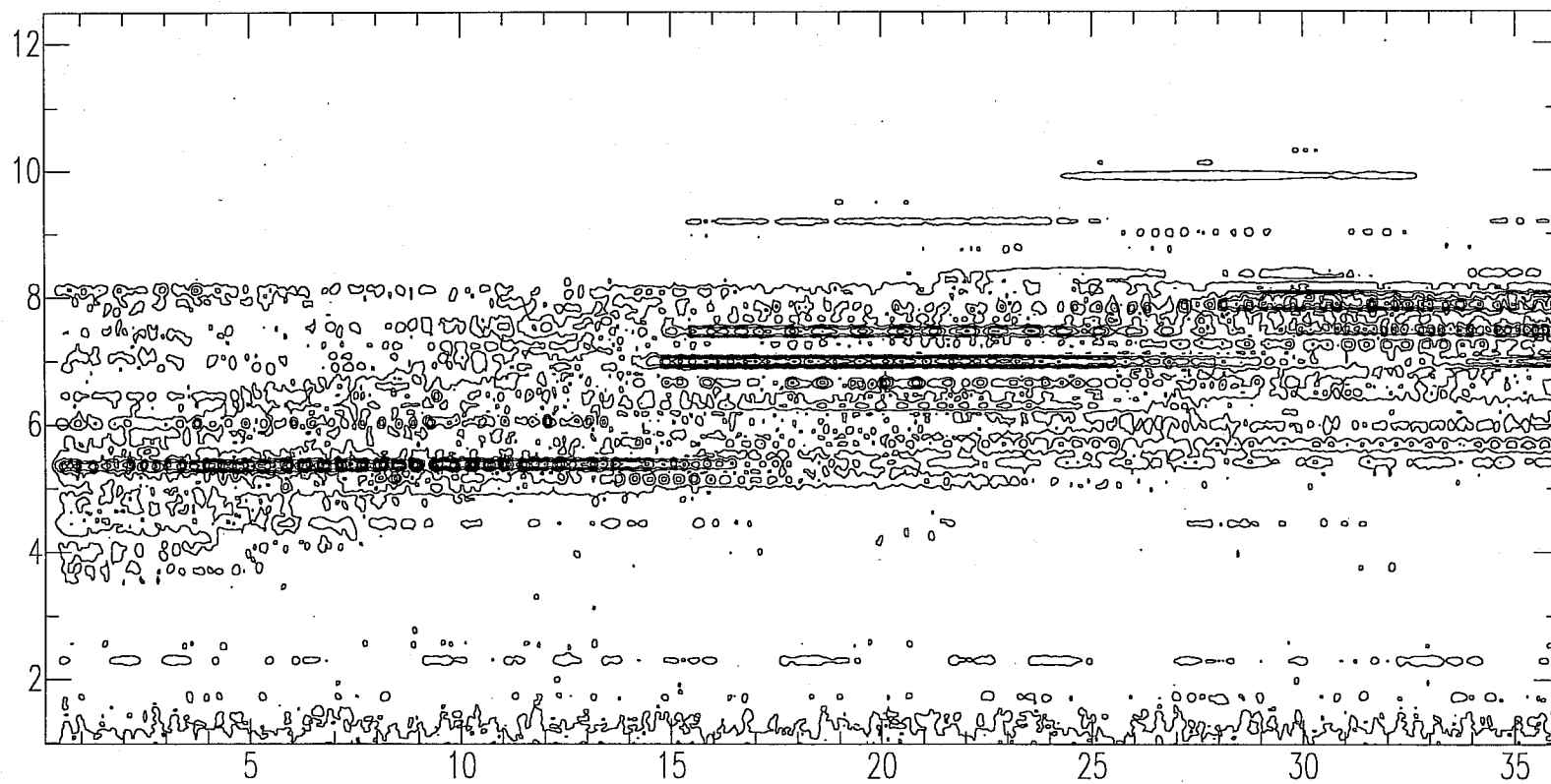
345.06.1.sac.mid



345.07.1.sac.mid

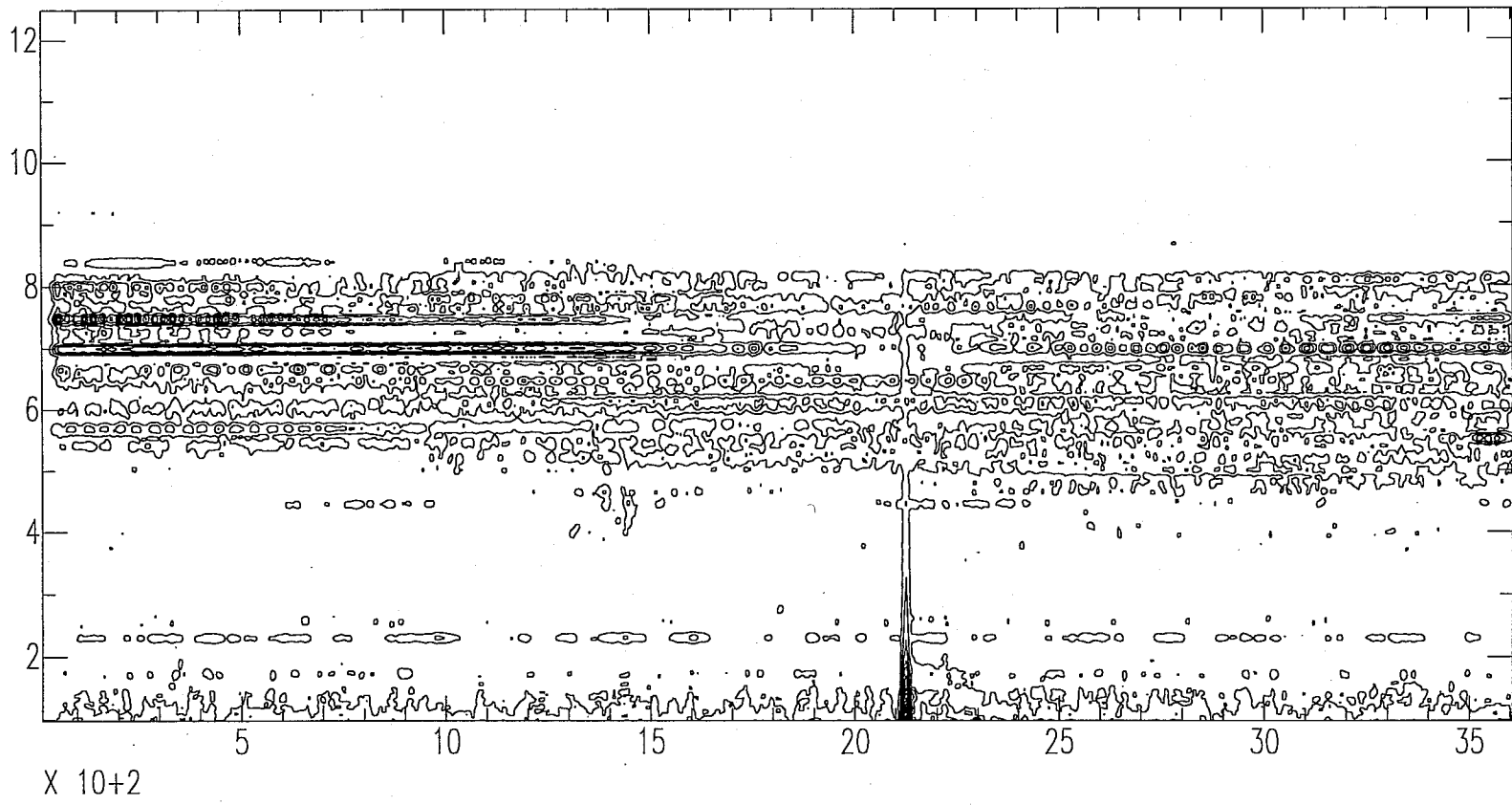


345.08.1.sac.mid

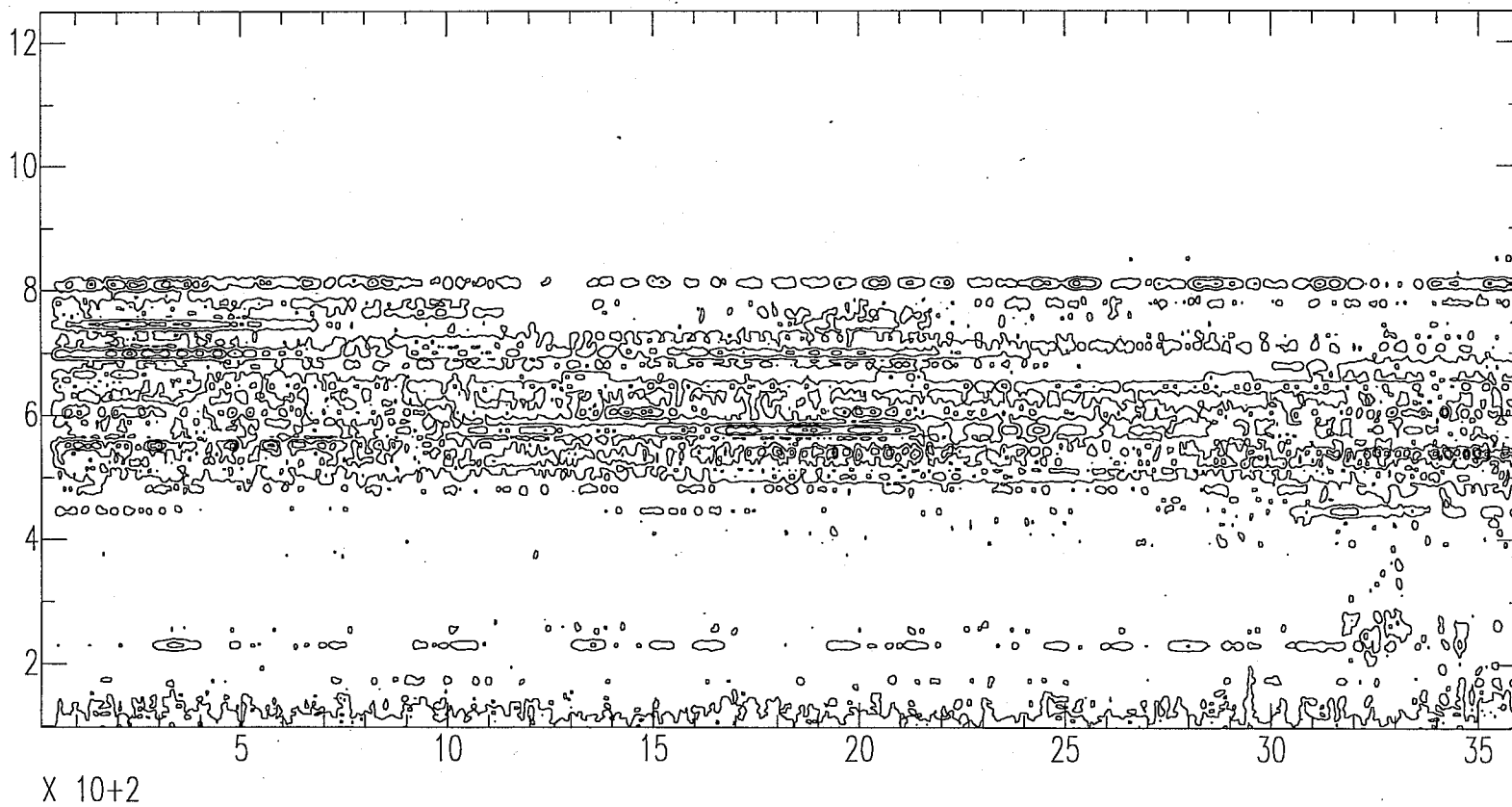


X 10+2

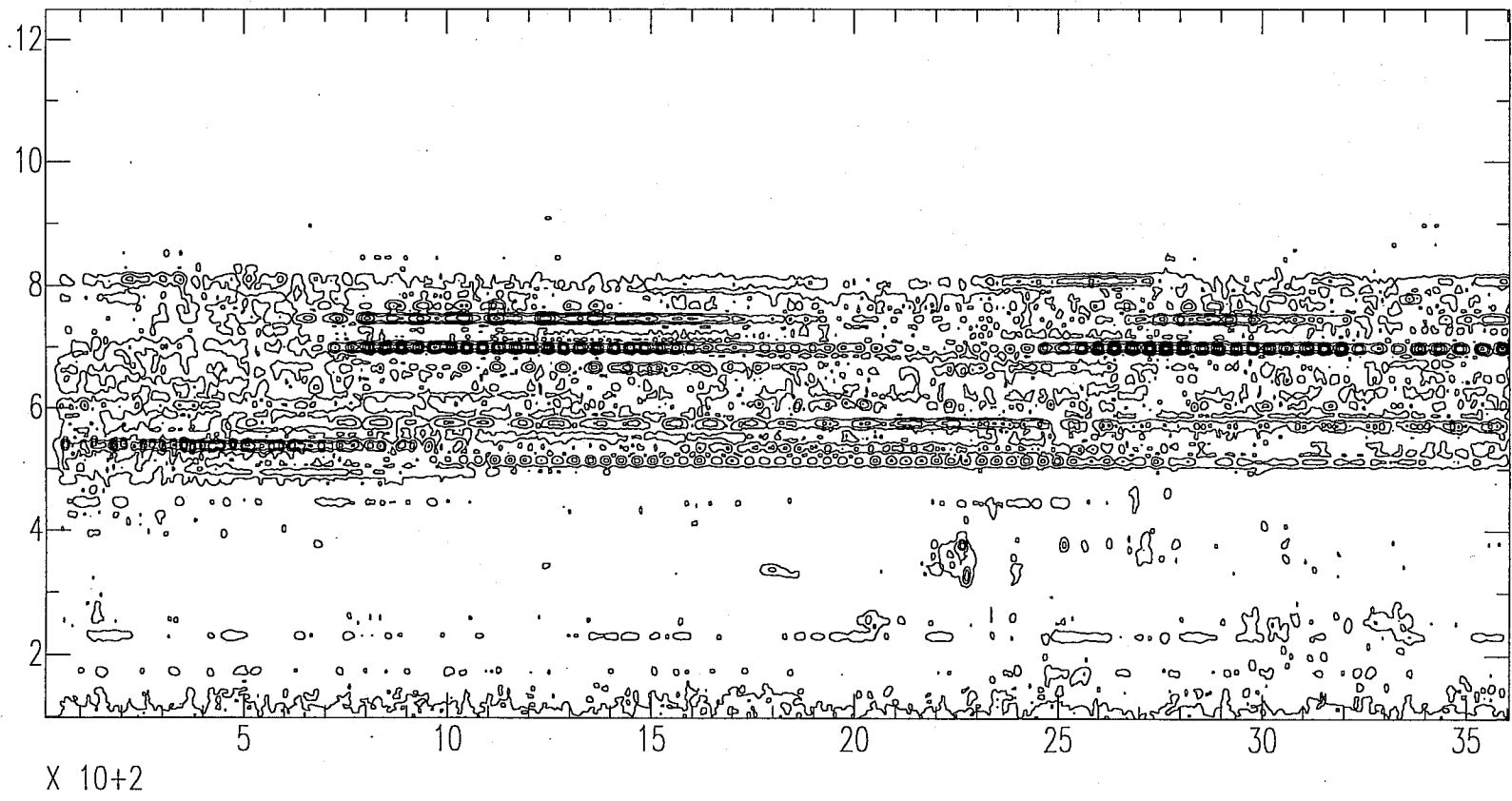
345.09.1.sac.mid



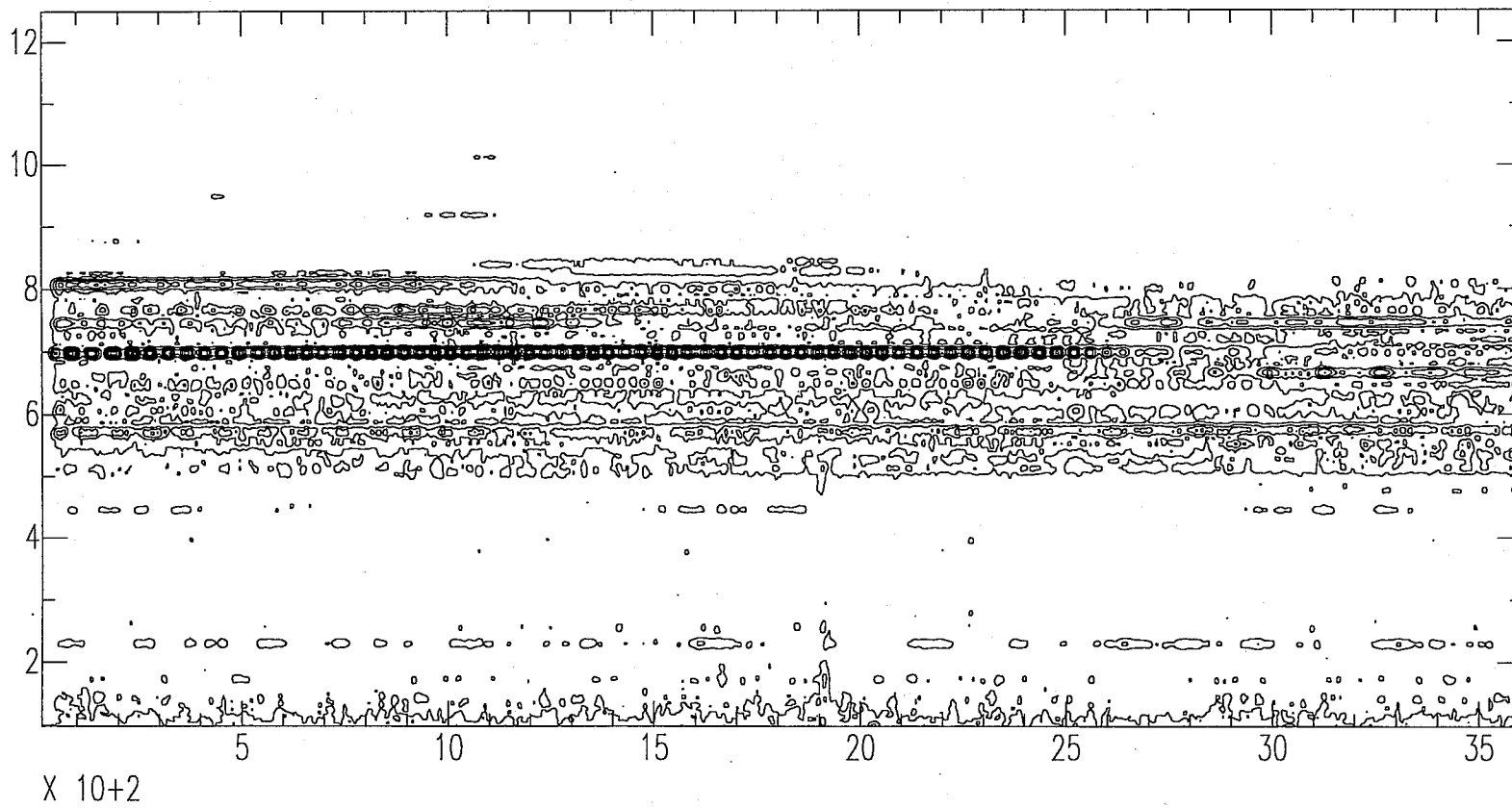
345.10.1.sac.mid



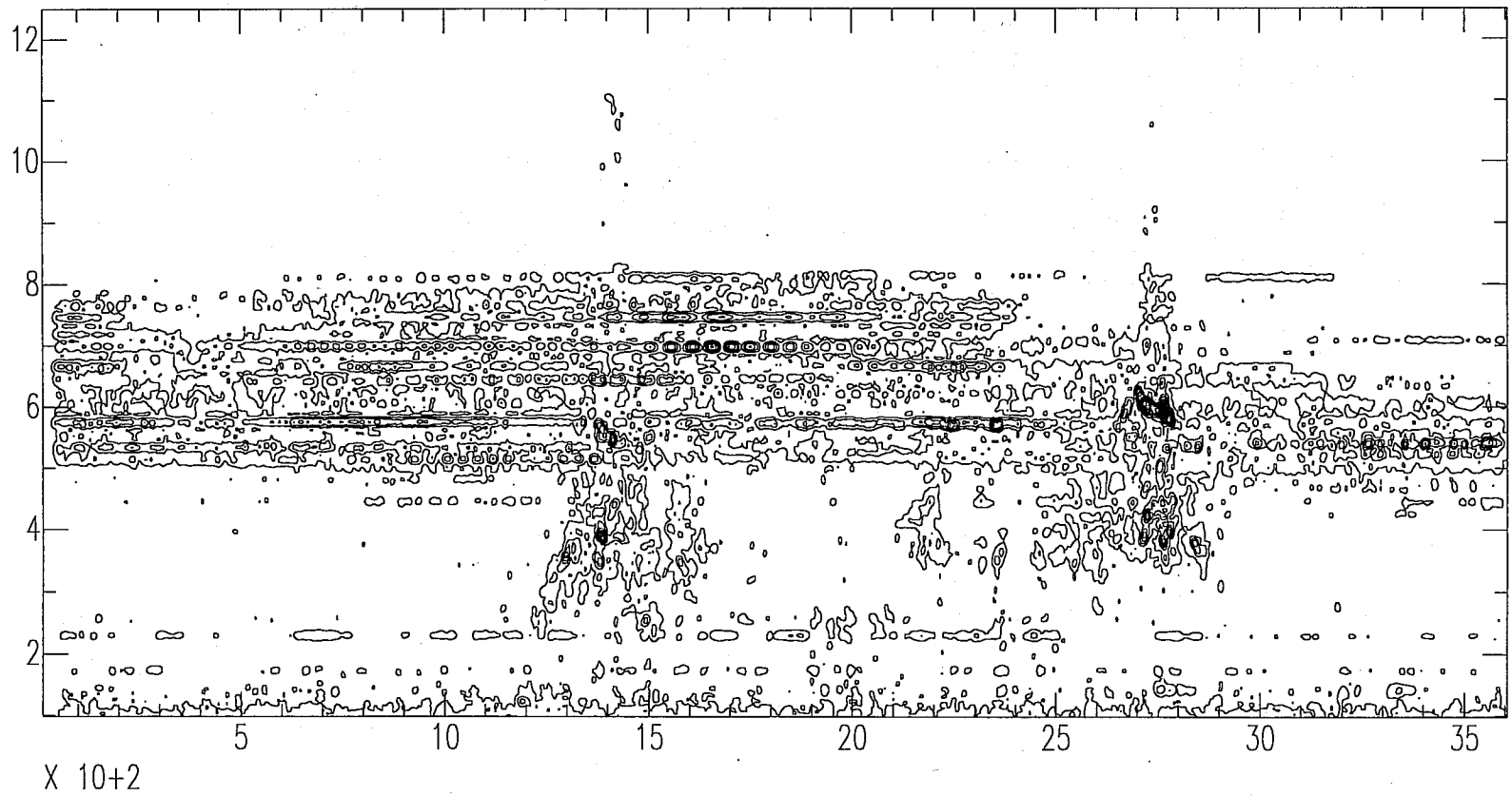
345.11.1.sac.mid



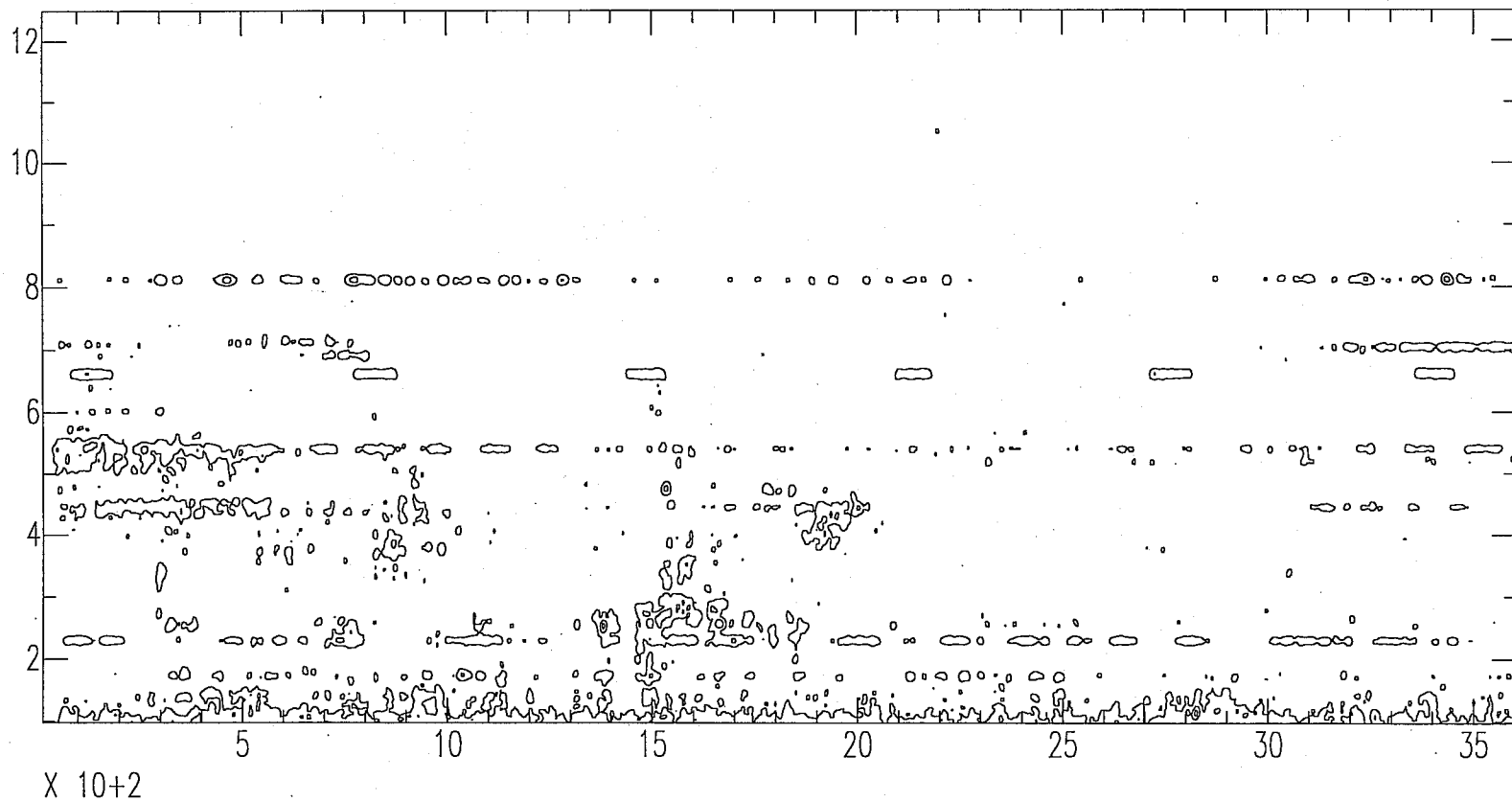
345.12.1.sac.mid



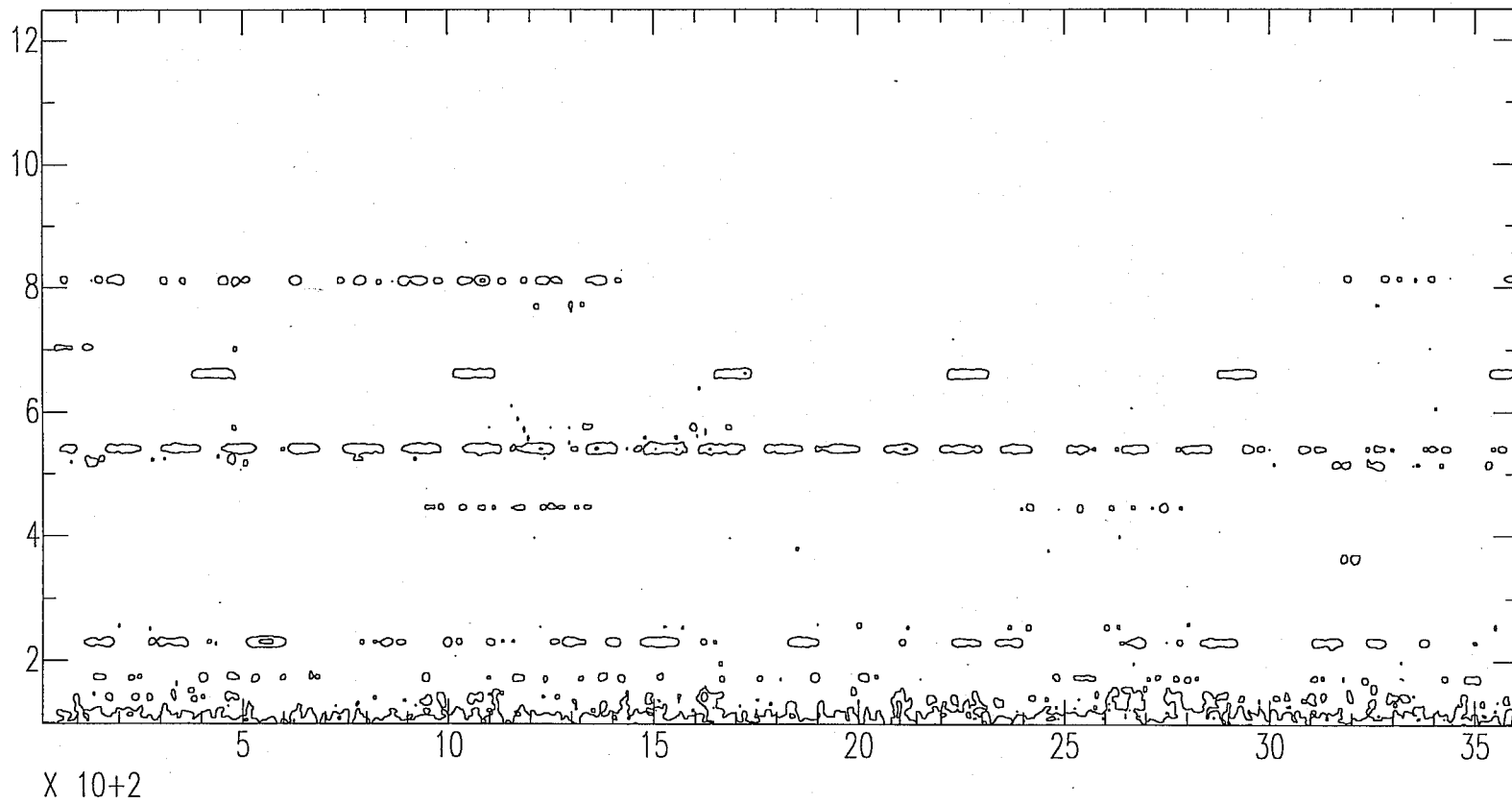
345.13.1.sac.mid



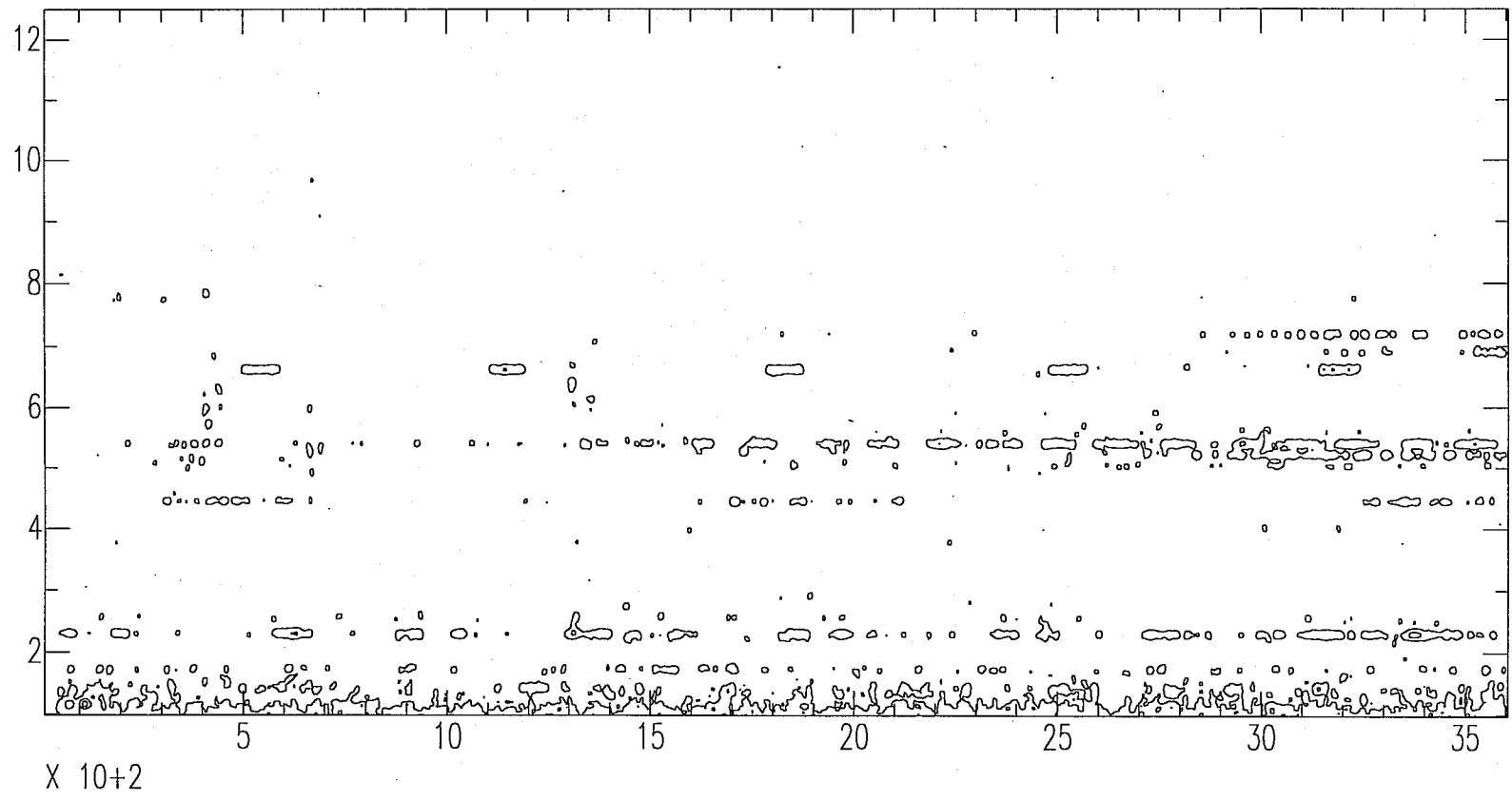
345.14.1.sac.mid



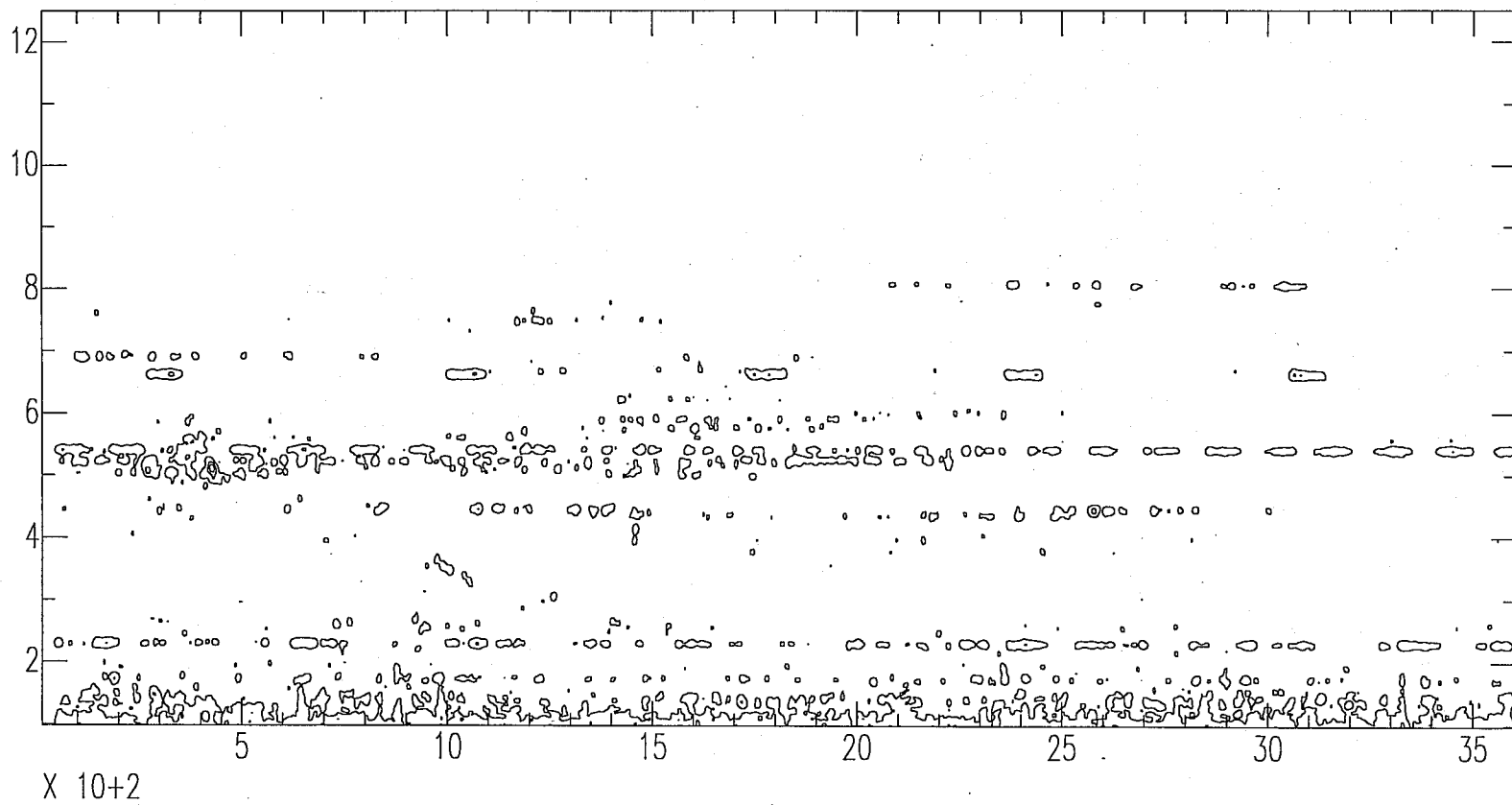
345.15.1.sac.mid



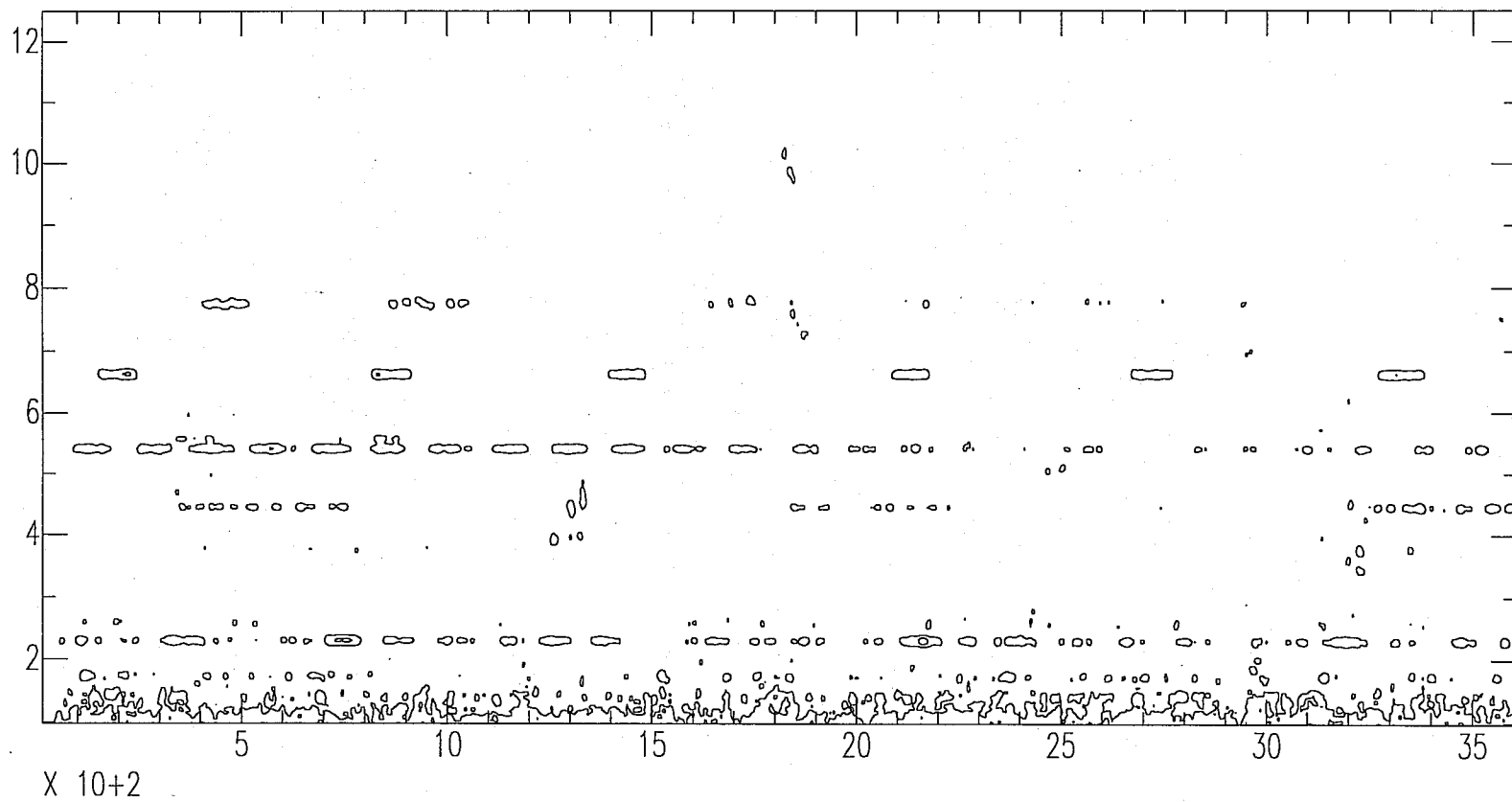
345.16.1.sac.mid



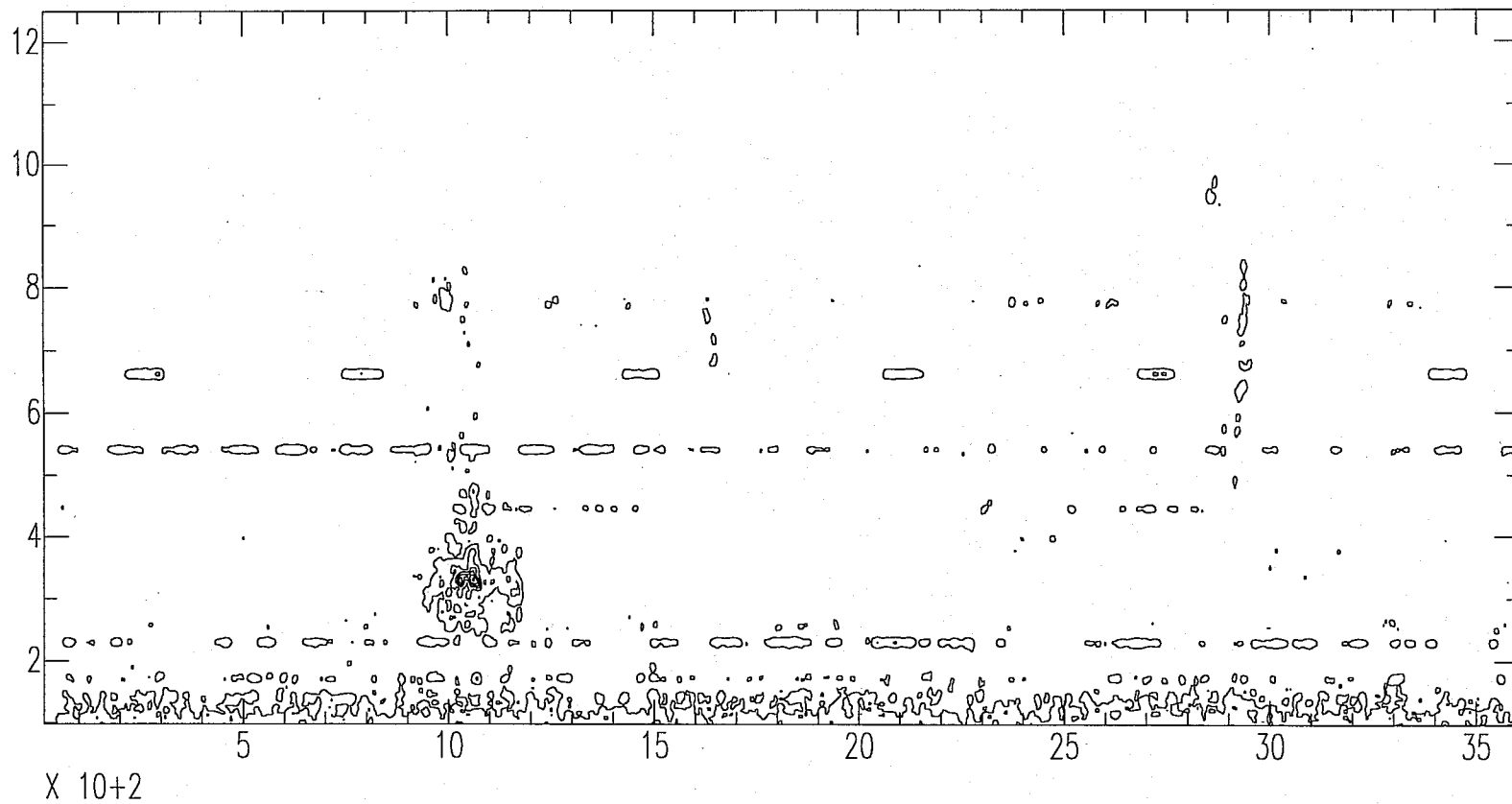
345.17.1.sac.mid



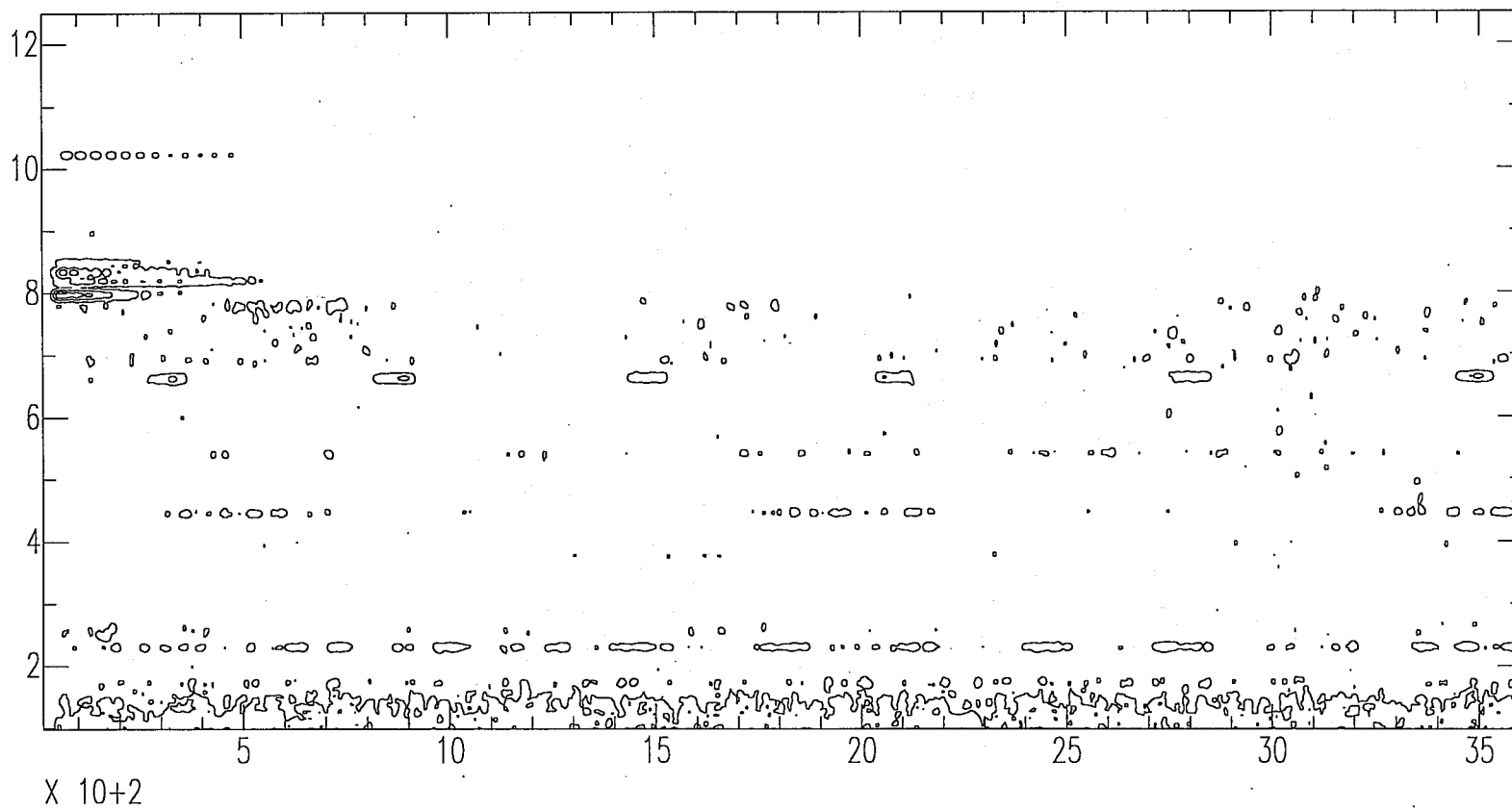
345.18.1.sac.mid



345.19.1.sac.mid



345.22:1.sac.mid



345.23.1.sac.mid

