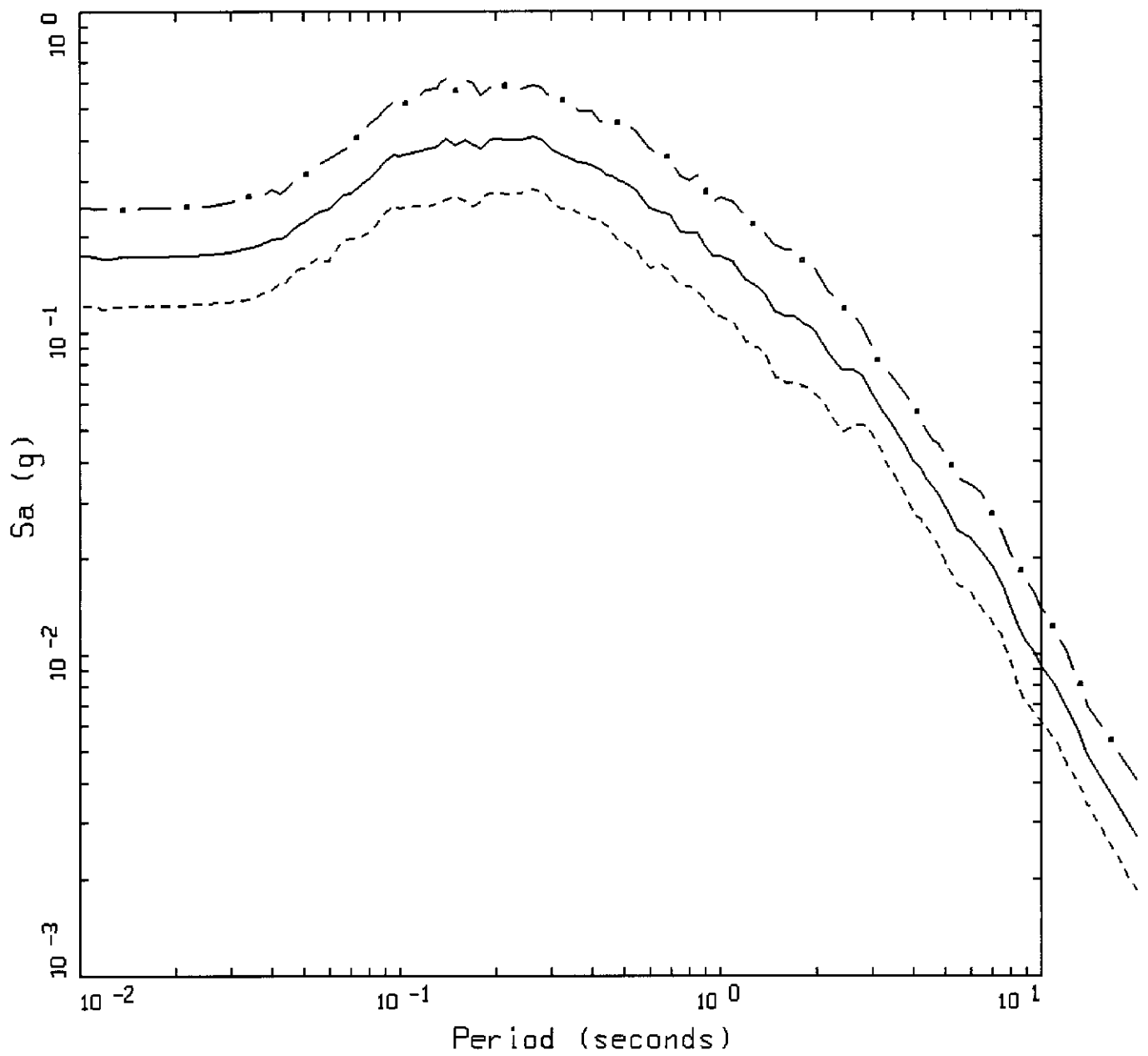


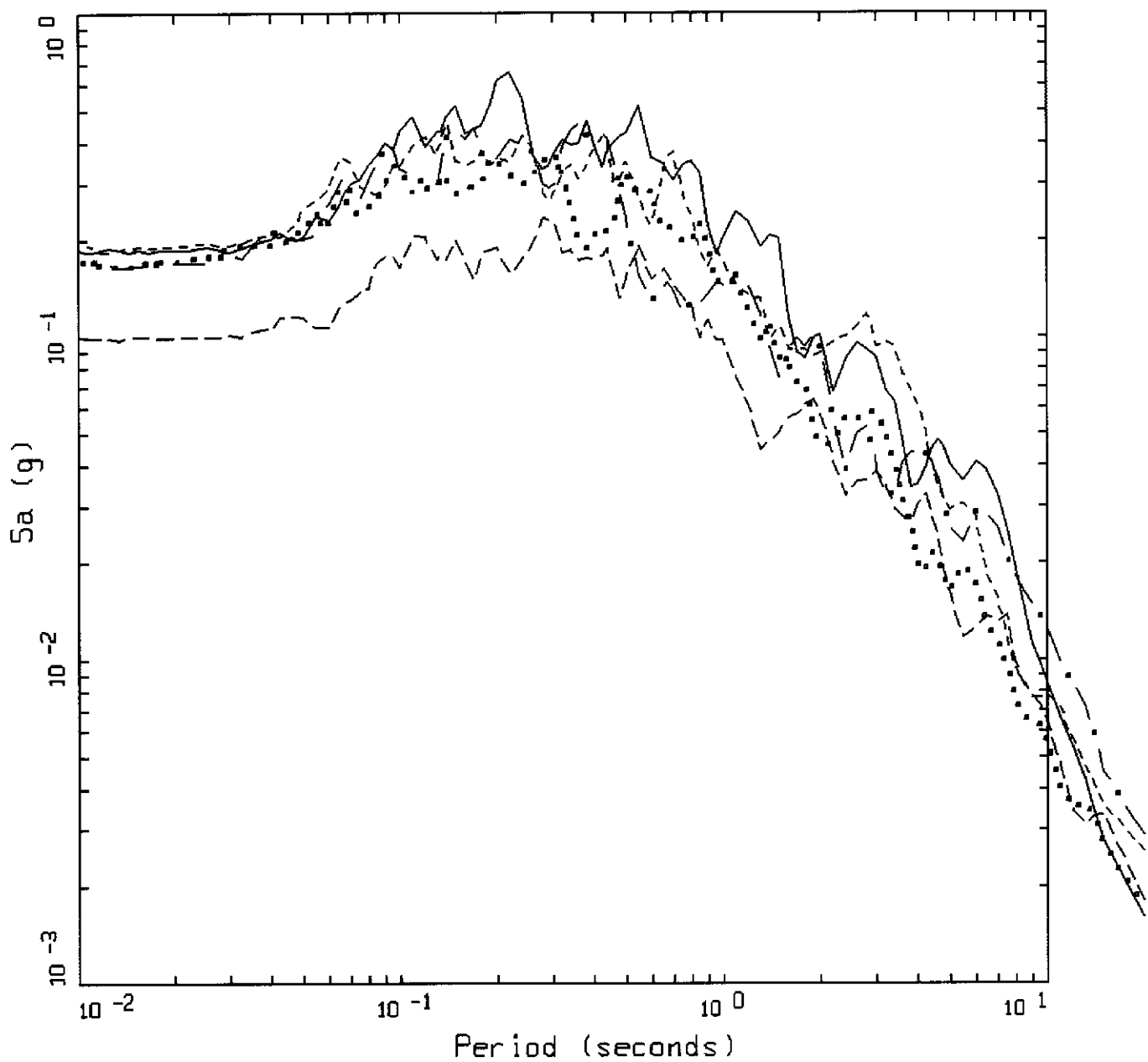
**APPENDIX A:
BERESNEV PLOT PACKAGE**

- 1) Spectral acceleration (Sa) plots with the 16th, 50th and 84th percentile for Treasure Island (one plot)
- 2) Individual Sa plots for 20 realizations at Treasure Island (4 plots with five realizations shown per plot)
- 3) Individual acceleration time history plots for Treasure Island (2 plots with 10 realizations shown per plot)
- 4) Individual velocity time history plots for Treasure Island (2 plots with 10 realizations shown per plot)
- 5) Individual displacement time history plots for Treasure Island (2 plots with 10 realizations shown per plot)
- 6) Spectral acceleration (Sa) plots with the 16th, 50th and 84th percentile for Yerba Buena Island (one plot)
- 7) Individual Sa plots for 20 realizations at Yerba Buena Island (4 plots with five realizations shown per plot)
- 8) Individual acceleration time history plots for Yerba Buena Island (2 plots with 10 realizations shown per plot)
- 9) Individual velocity time history plots for Yerba Buena Island (2 plots with 10 realizations shown per plot)
- 10) Individual displacement time history plots for Yerba Buena Island (2 plots with 10 realizations shown per plot)



TREASURE ISLAND SIMULATIONS
 BERESNEV MODEL FOR TREASURE ISLAND

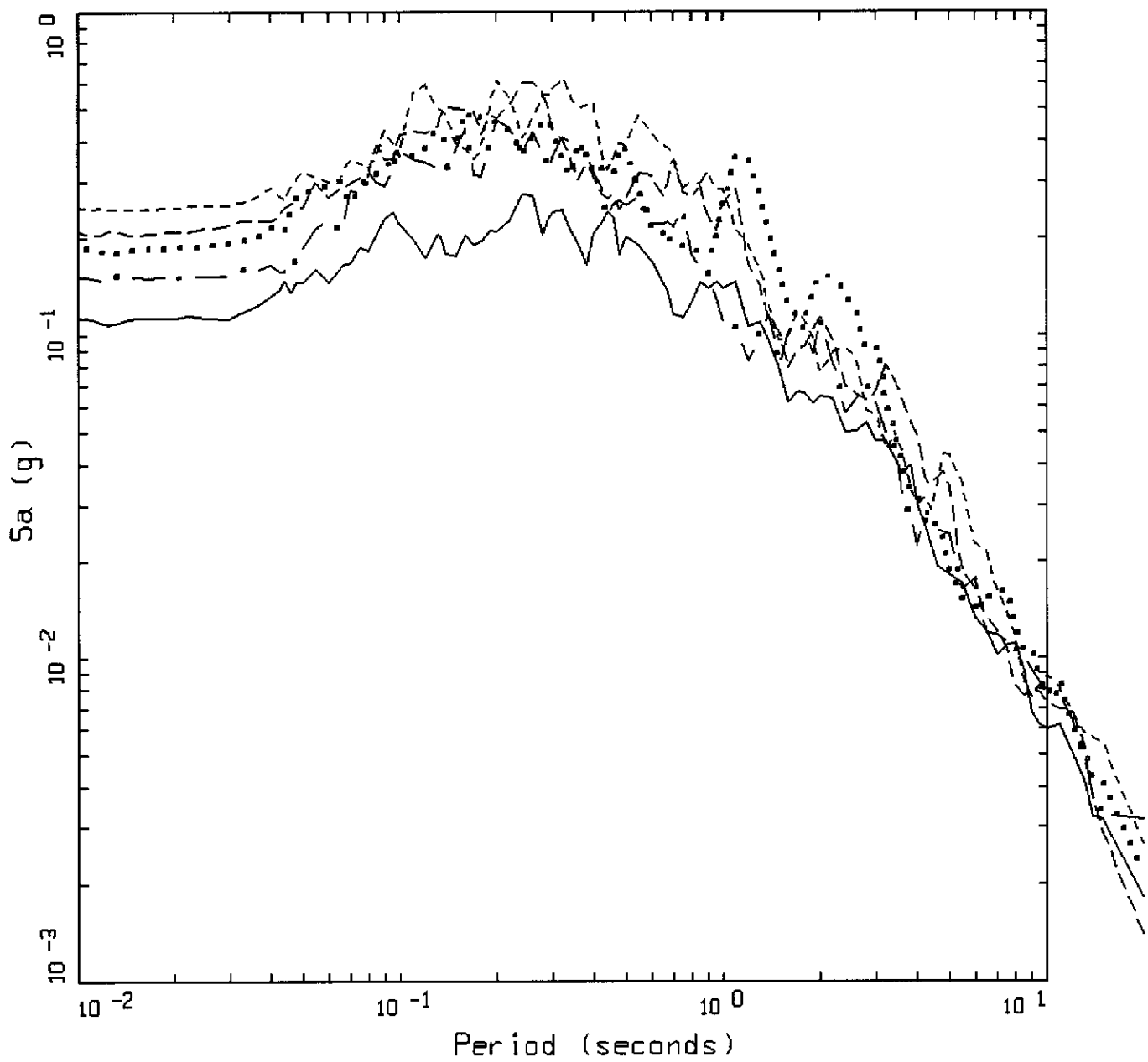
- LEGEND
- • — 84TH PERCENTILE, PGA = 0.246 G
 - 50TH PERCENTILE, PGA = 0.173 G
 - 16TH PERCENTILE, PGA = 0.122 G



SAN ANDREAS: BERESNEV
M=7.9, TREASURE ISLAND SURFACE

LEGEND

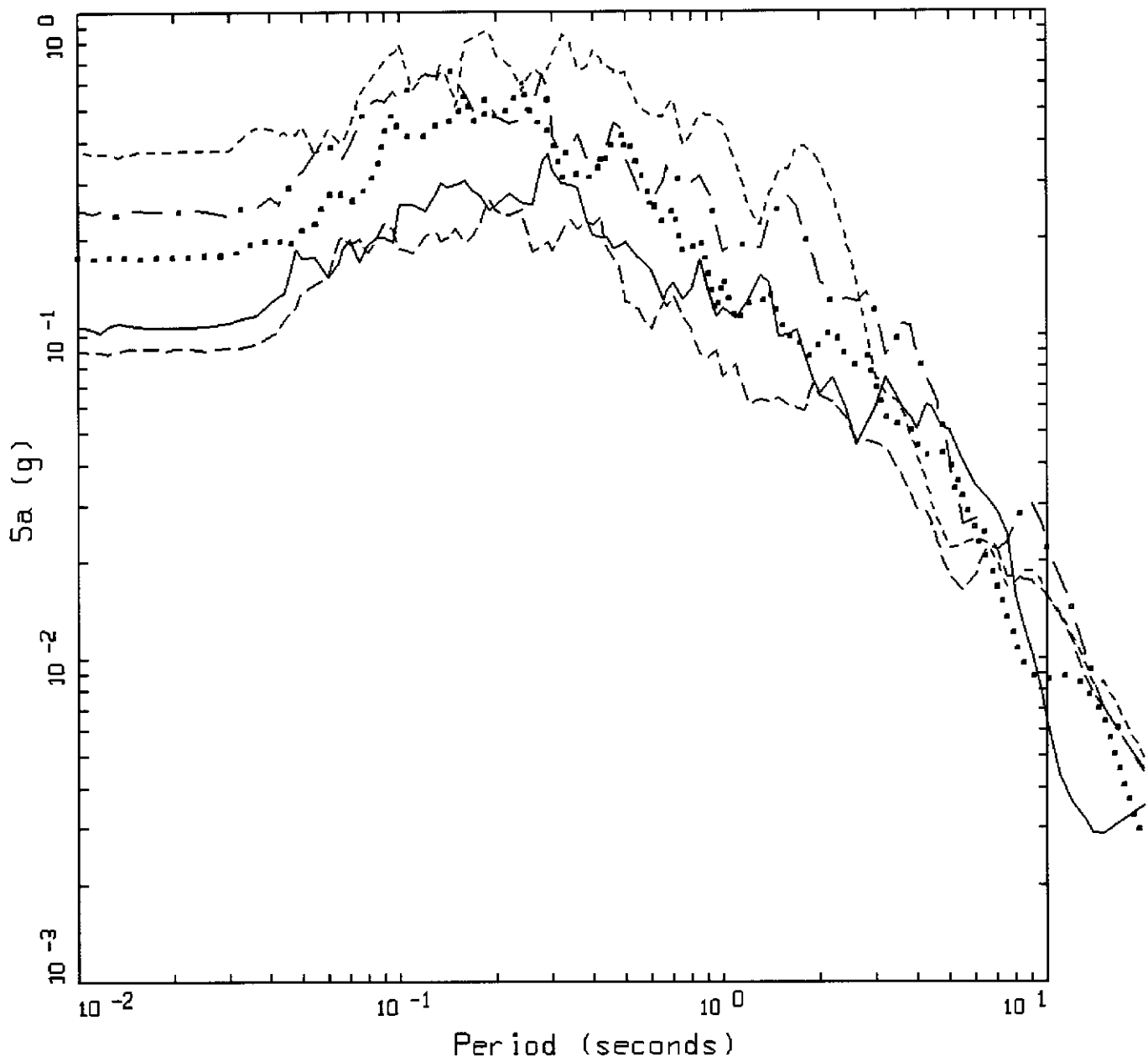
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- 5 %, RESPONSE SPECTRA, TRI2AVG
- 5 %, RESPONSE SPECTRA, TRI3AVG
- · - · 5 %, RESPONSE SPECTRA, TRI4AVG
- - - - 5 %, RESPONSE SPECTRA, TRI5AVG



SAN ANDREAS: BERESNEV
 M=7.9, TREASURE ISLAND SURFACE

LEGEND

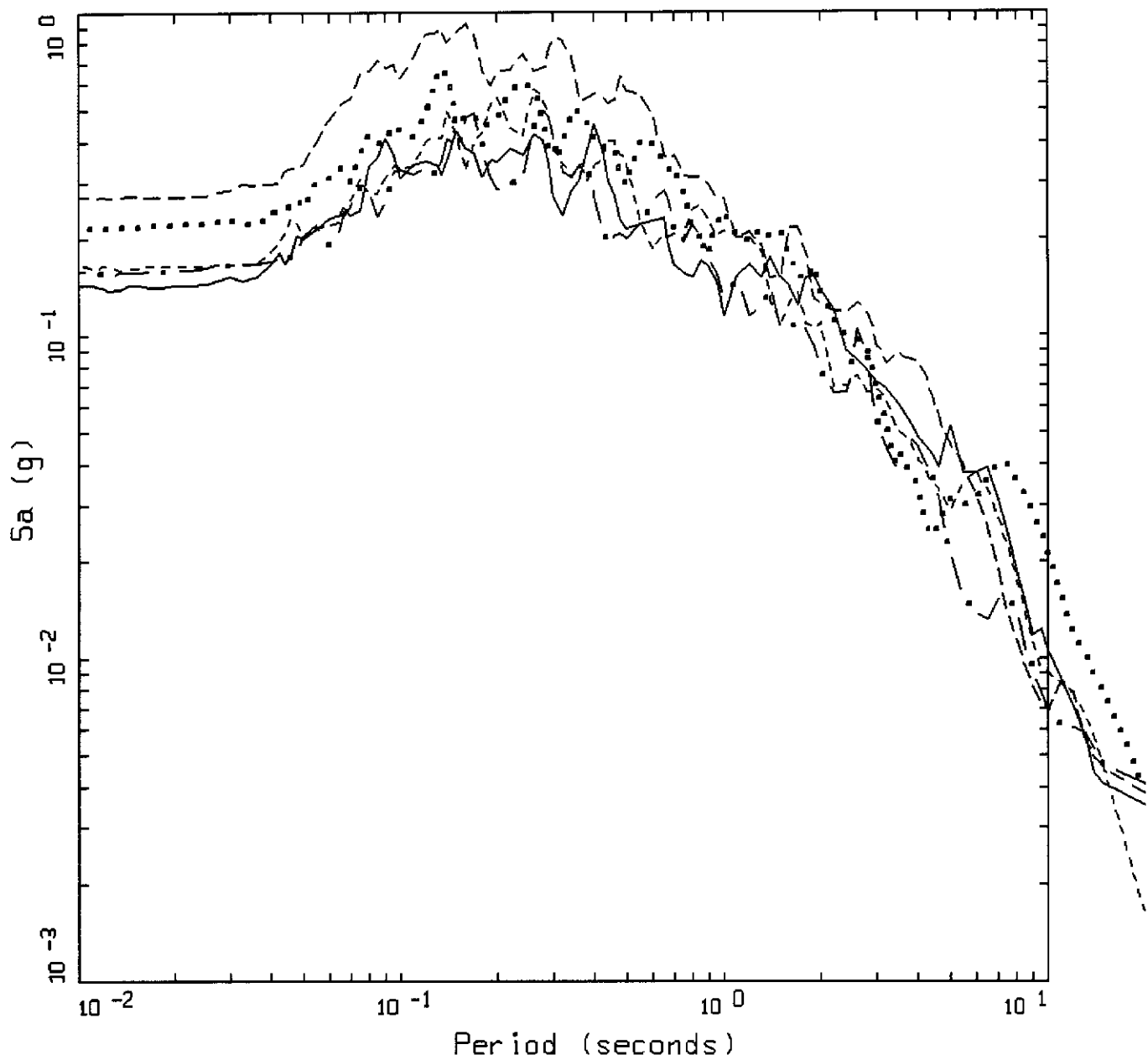
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- 5 %, RESPONSE SPECTRA, TR17AVG
- 5 %, RESPONSE SPECTRA, TR18AVG
- - - - 5 %, RESPONSE SPECTRA, TR19AVG
- . - . 5 %, RESPONSE SPECTRA, TR110AVG



SAN ANDREAS: BERESNEV
 M=7.9, TREASURE ISLAND SURFACE

LEGEND

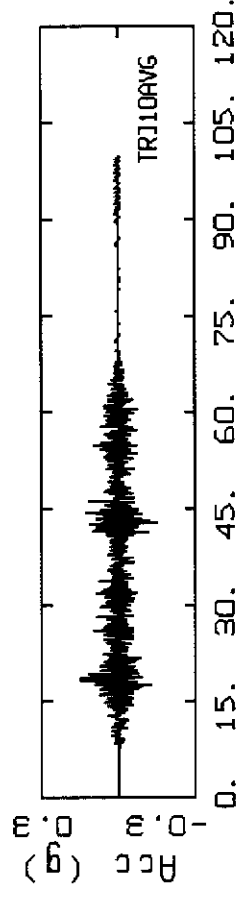
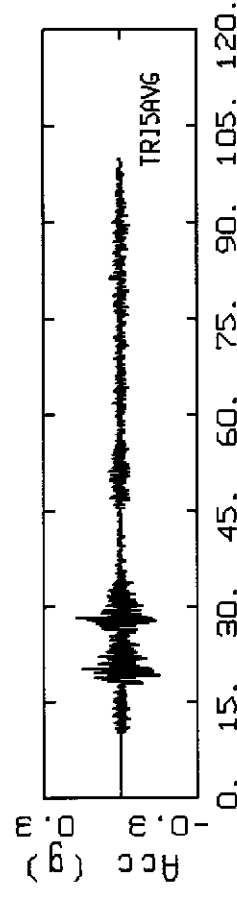
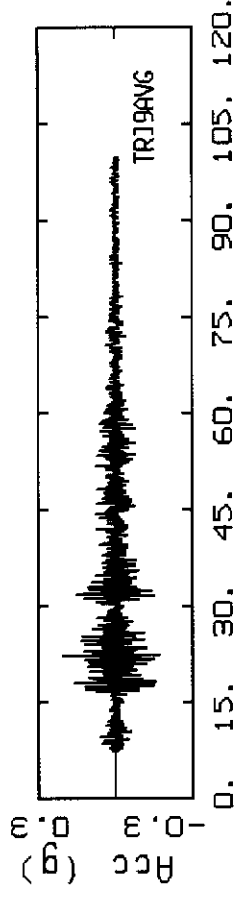
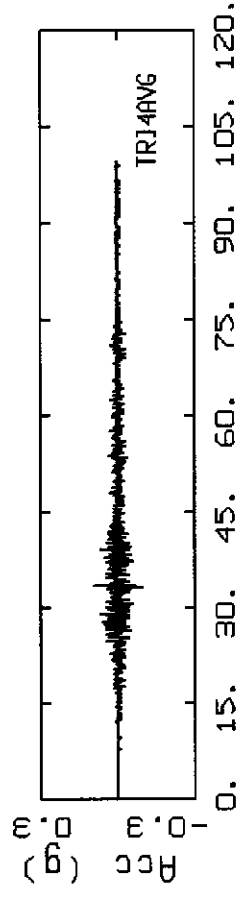
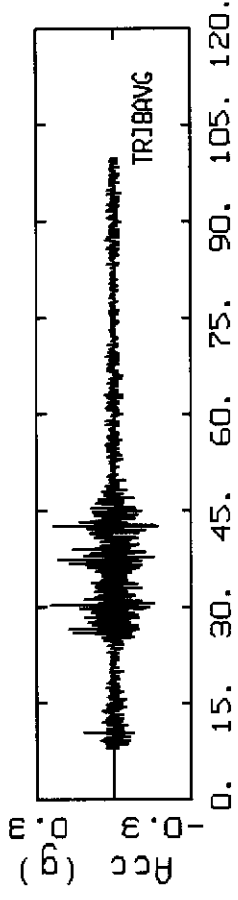
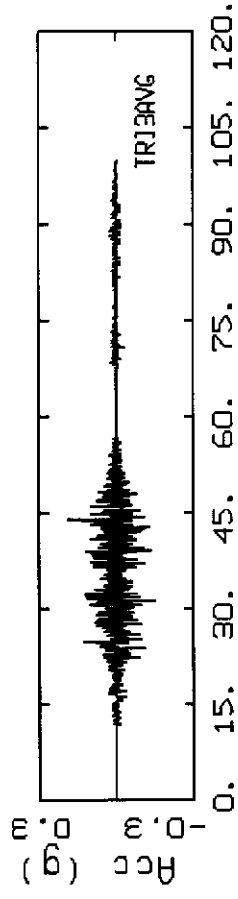
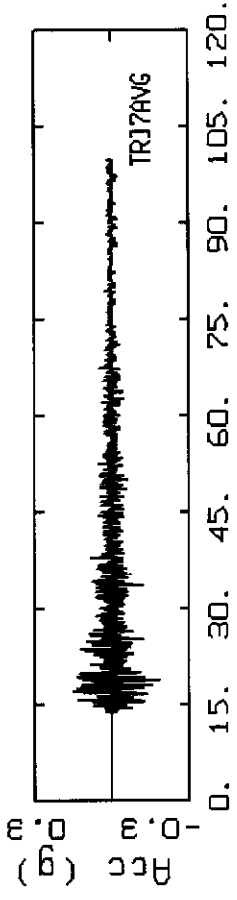
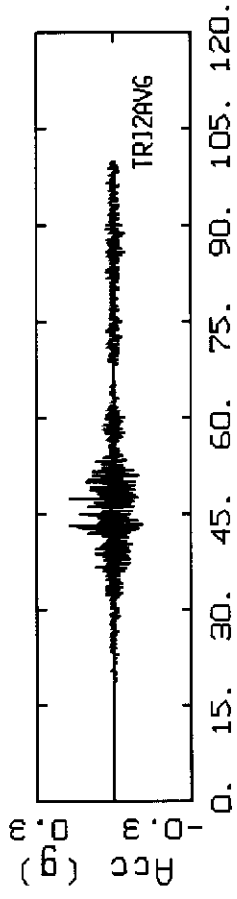
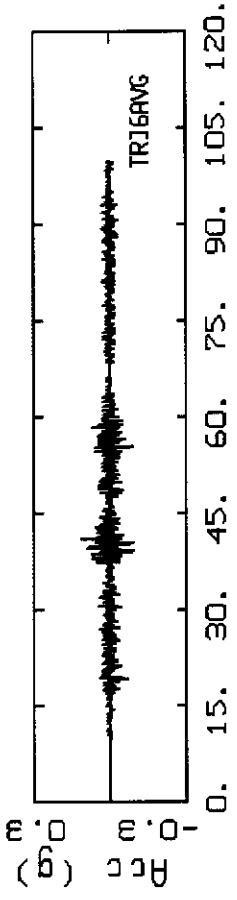
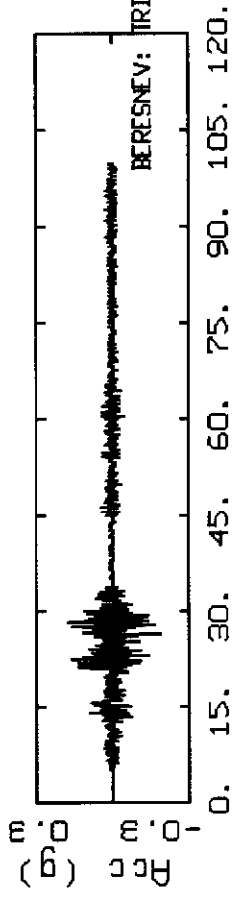
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- 5 %, RESPONSE SPECTRA, TRI12AVG
- 5 %, RESPONSE SPECTRA, TRI13AVG
- · - · - 5 %, RESPONSE SPECTRA, TRI14AVG
- · — 5 %, RESPONSE SPECTRA, TRI15AVG



SAN ANDREAS: BERESNEV
 M=7.9, TREASURE ISLAND SURFACE

LEGEND

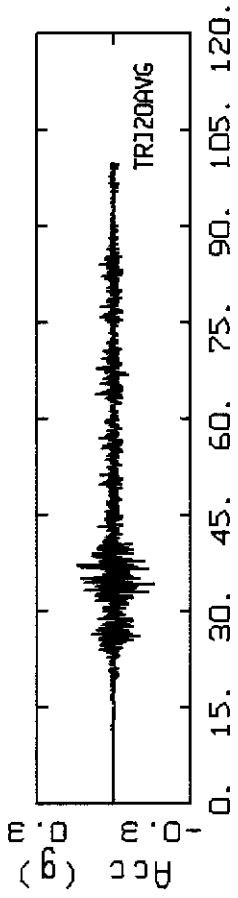
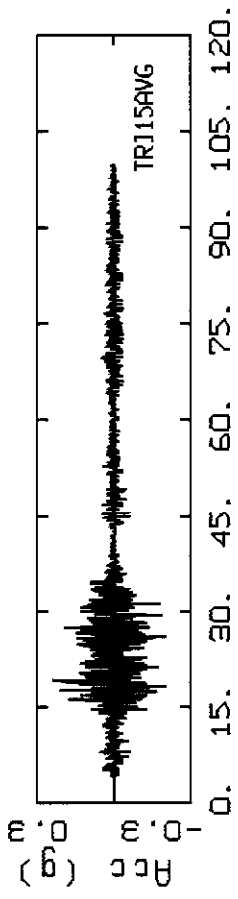
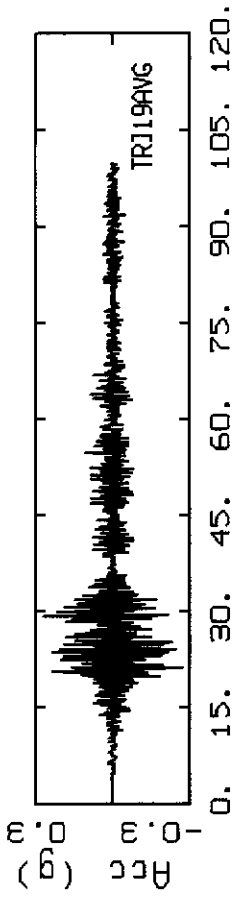
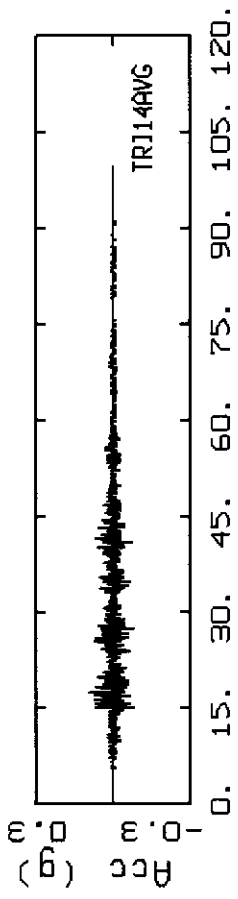
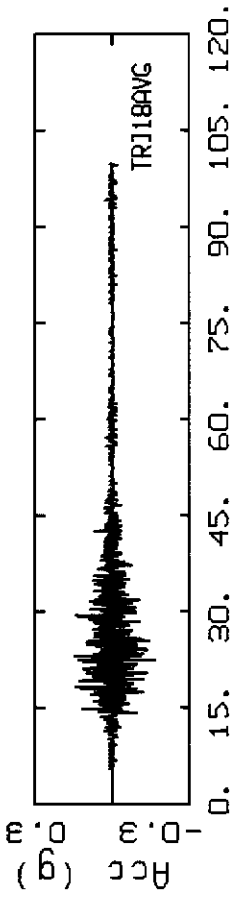
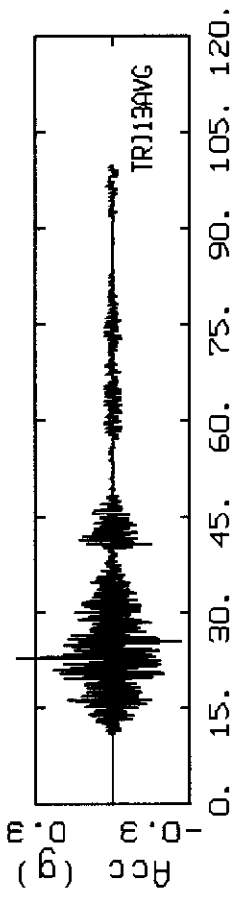
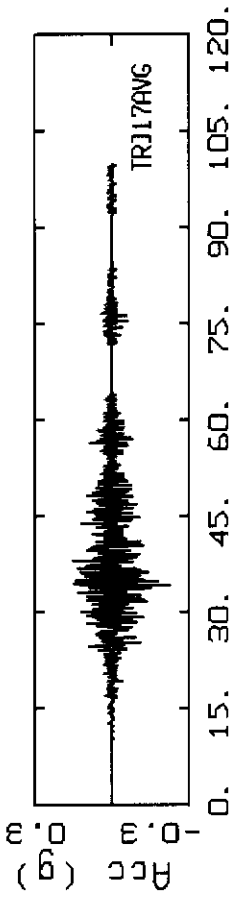
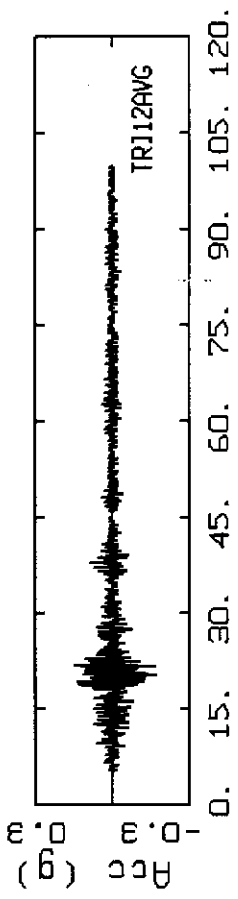
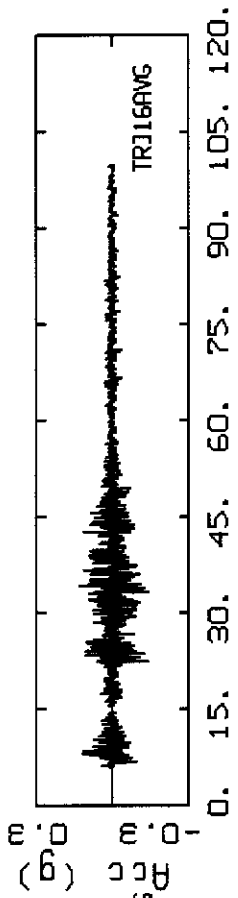
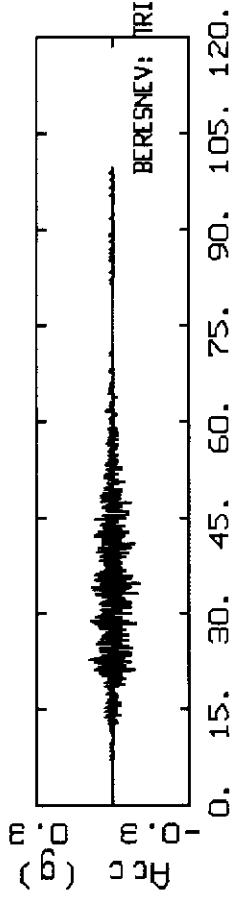
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- 5 %, RESPONSE SPECTRA, TRI17AVG
- 5 %, RESPONSE SPECTRA, TRI18AVG
- · - · 5 %, RESPONSE SPECTRA, TRI19AVG
- · — 5 %, RESPONSE SPECTRA, TRI20AVG



Time (seconds)

Time (seconds)

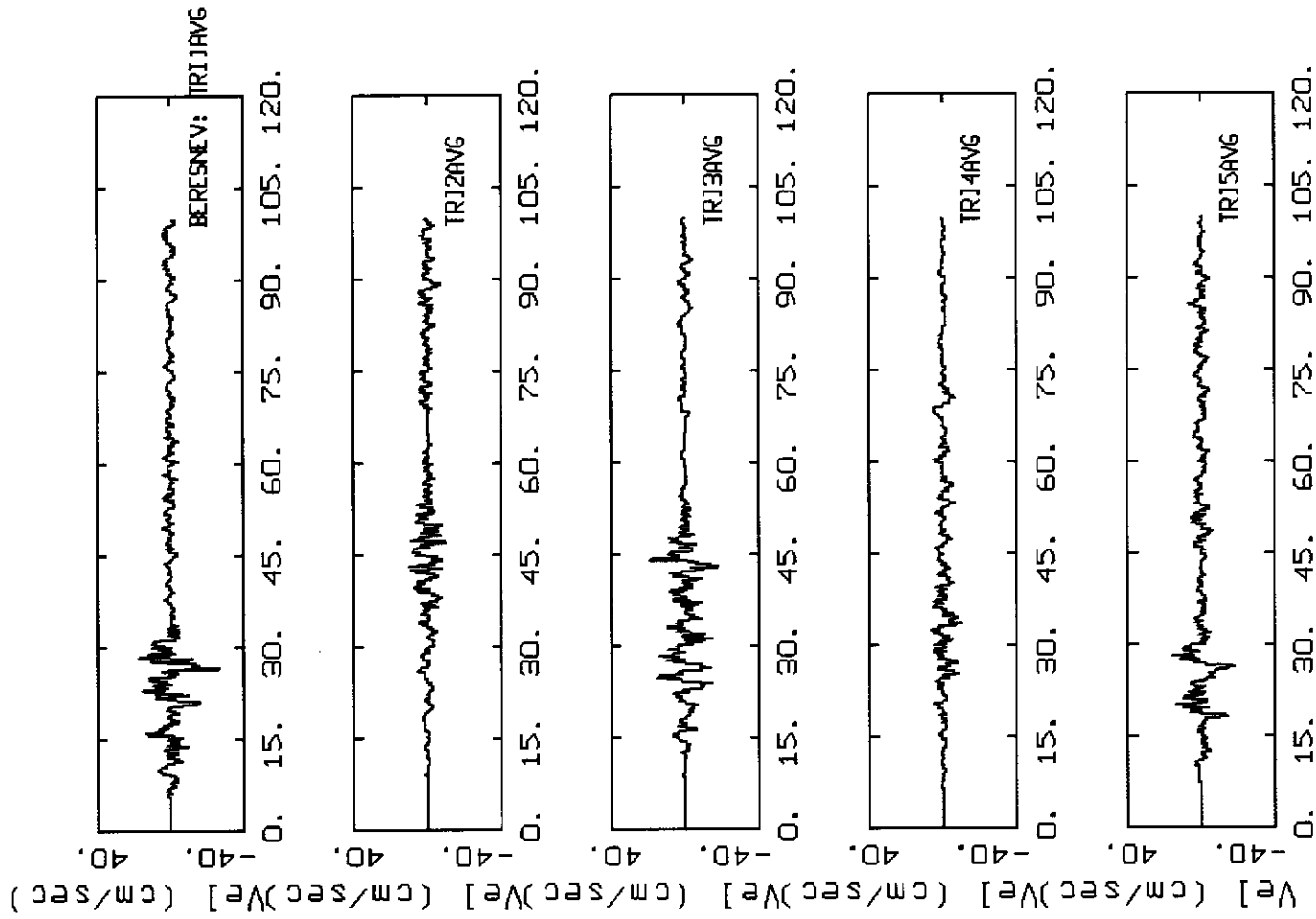
SAN ANDREAS, M=7.9 AT TREASURE ISLAND SURFACE



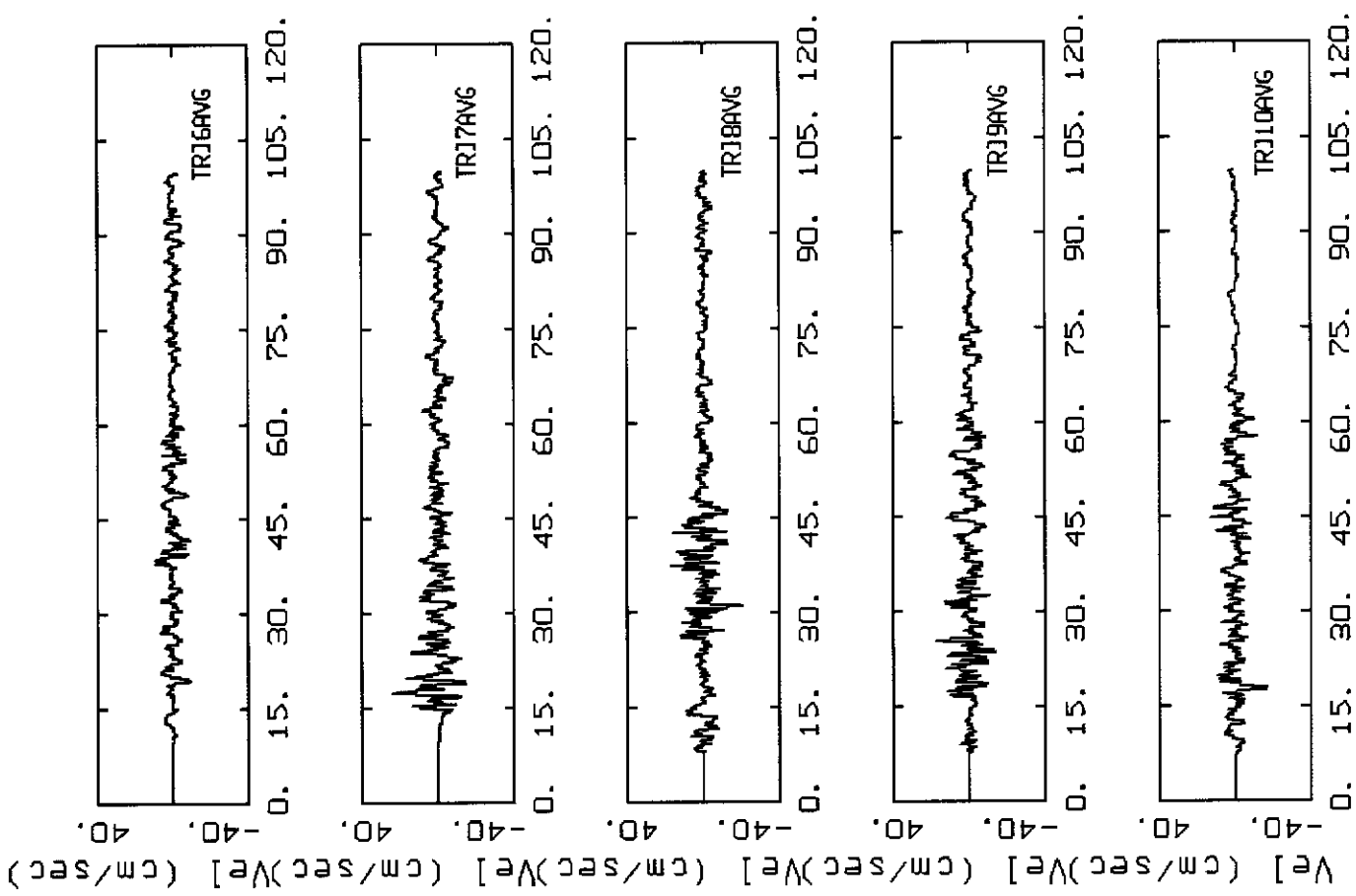
Time (seconds)

Time (seconds)

SAN ANDREAS, M=7.9 AT TREASURE ISLAND SURFACE

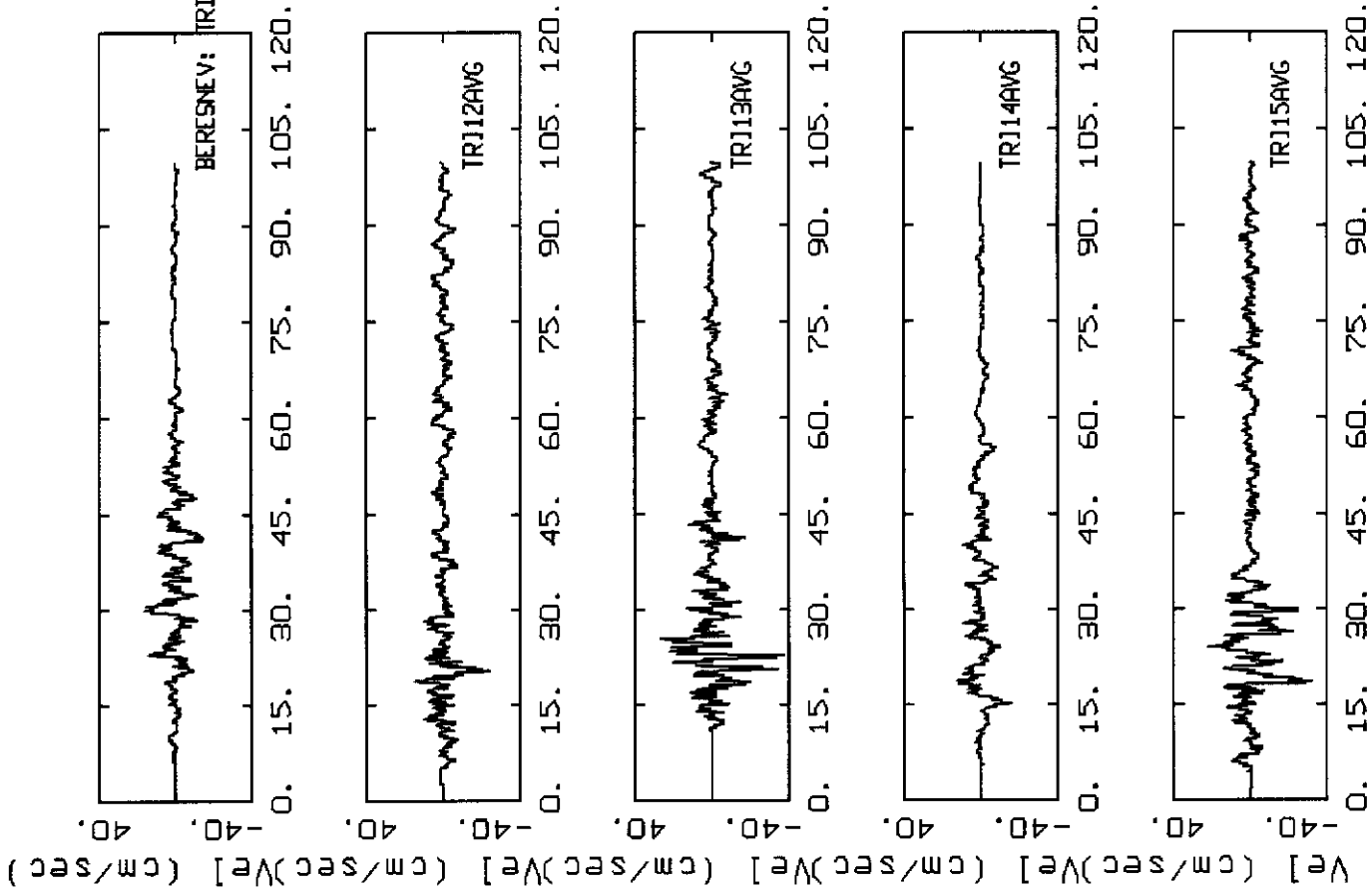


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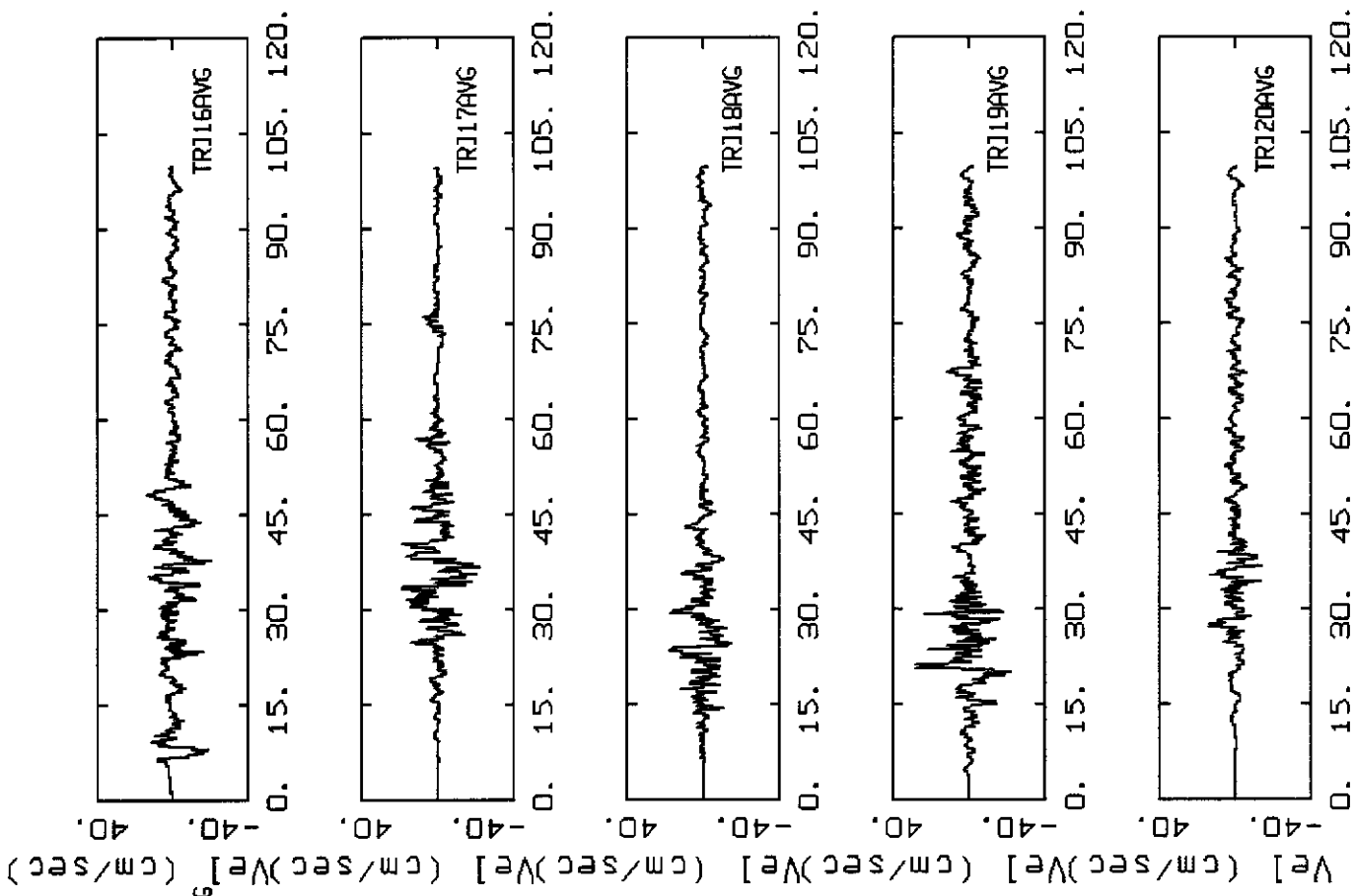


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SAN ANDREAS, M=7.9 AT TREASURE ISLAND SURFACE

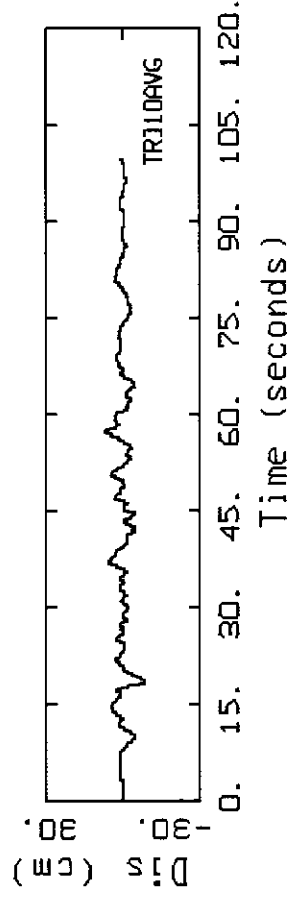
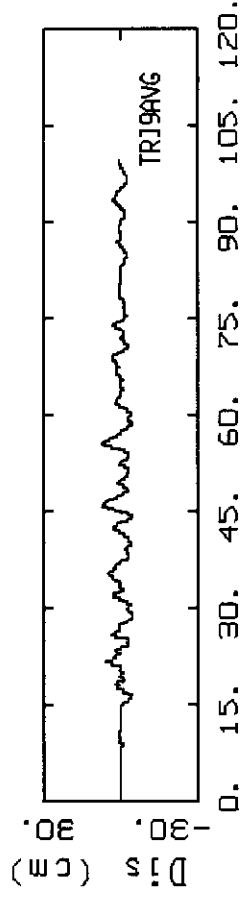
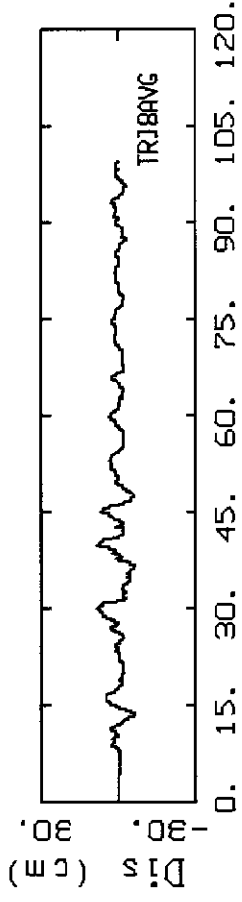
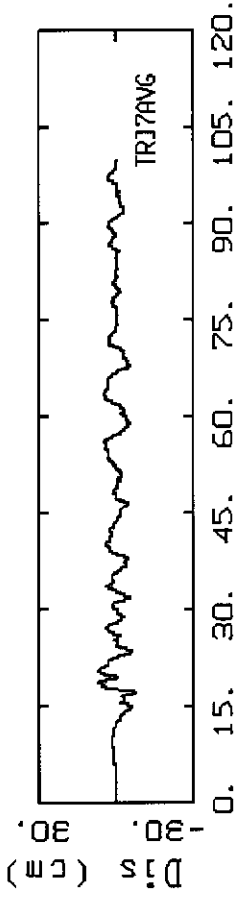
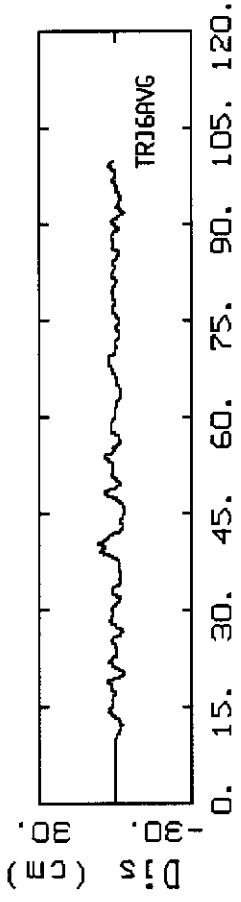
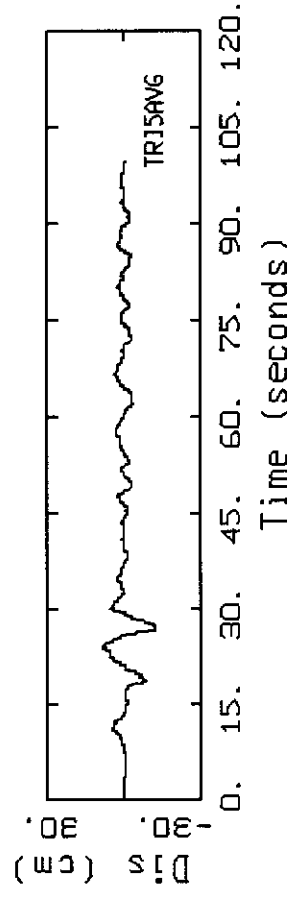
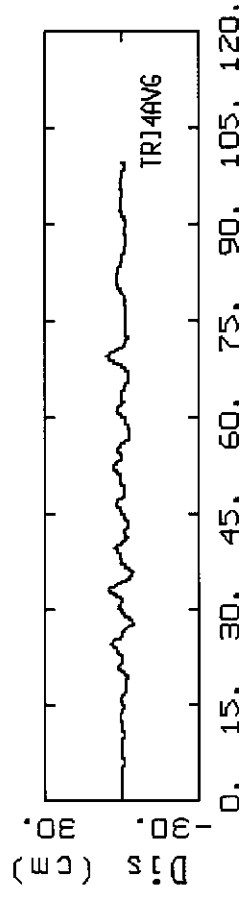
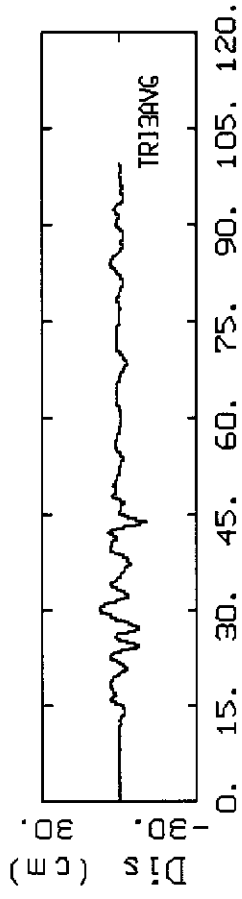
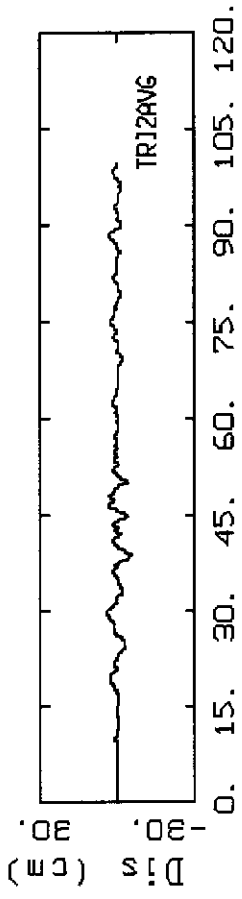
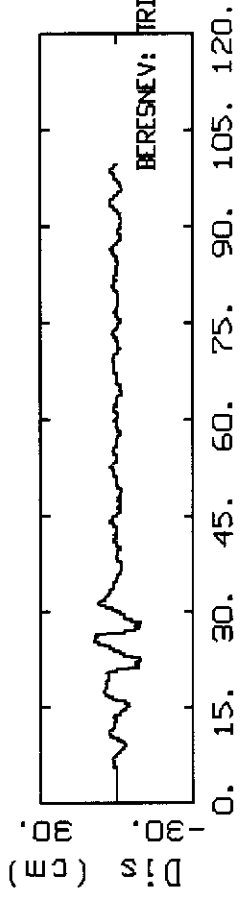


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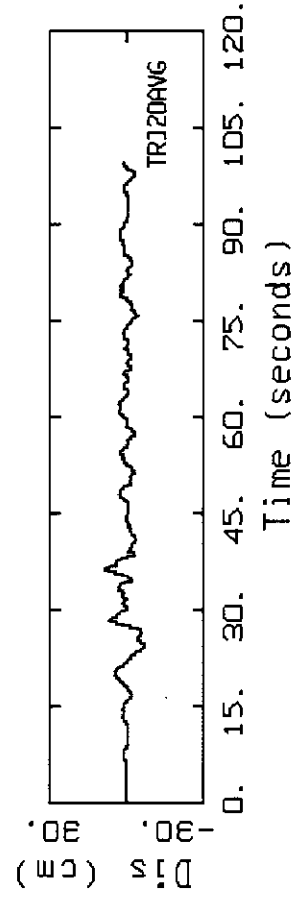
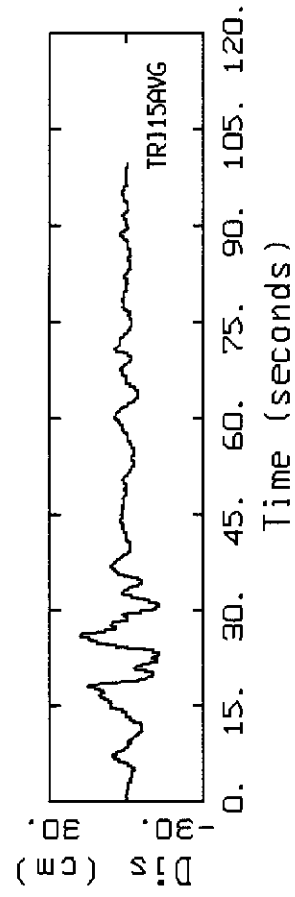
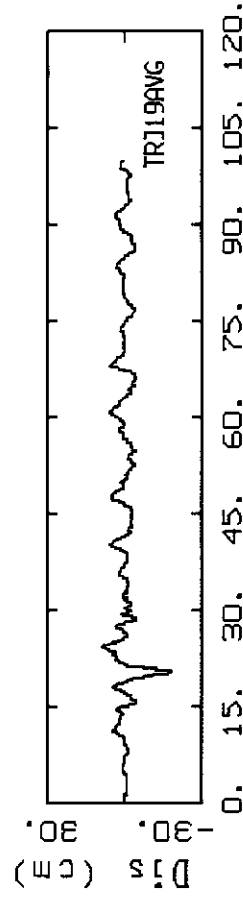
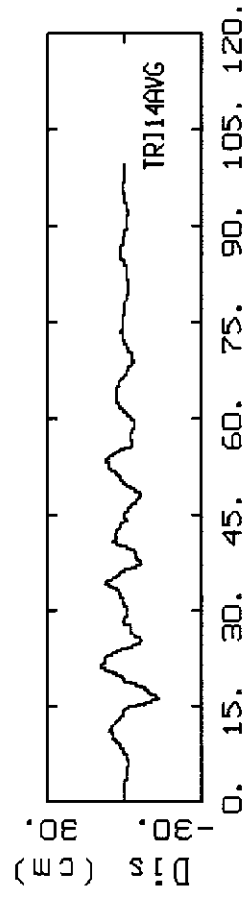
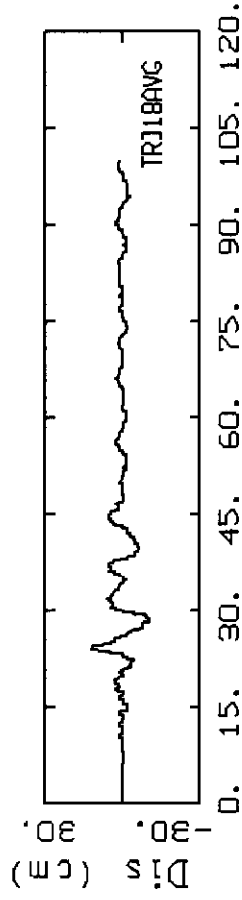
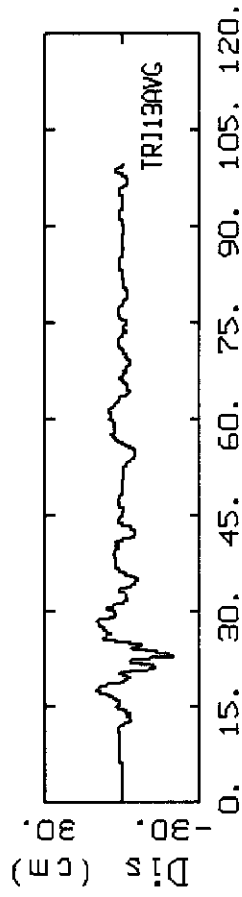
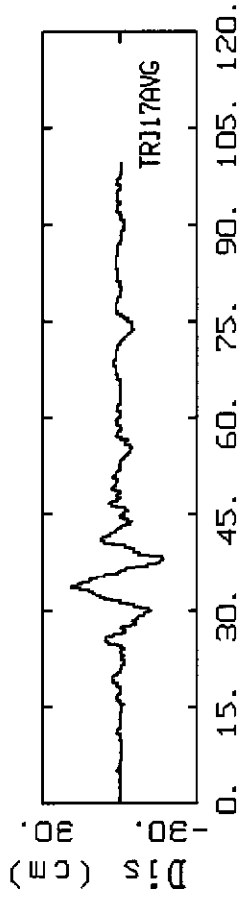
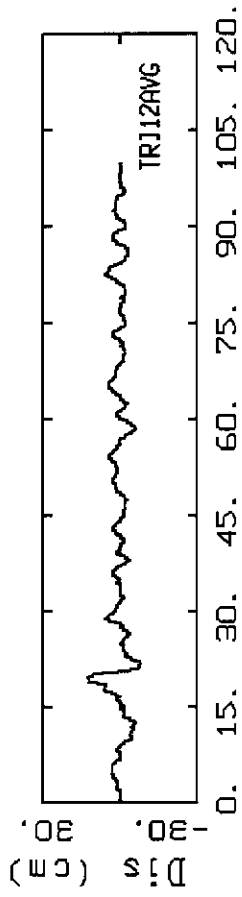
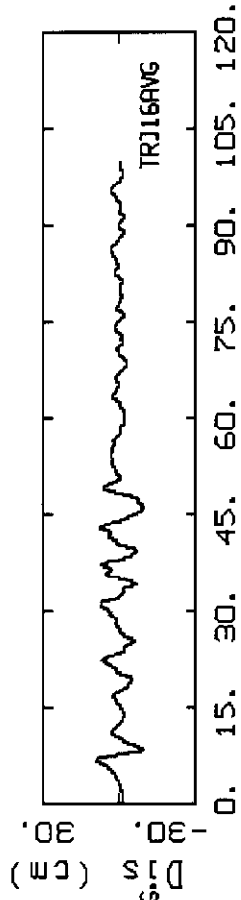
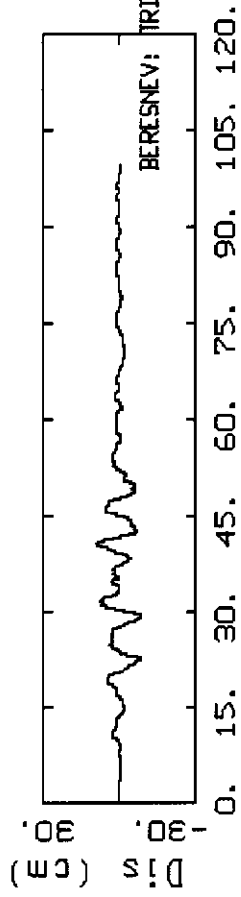


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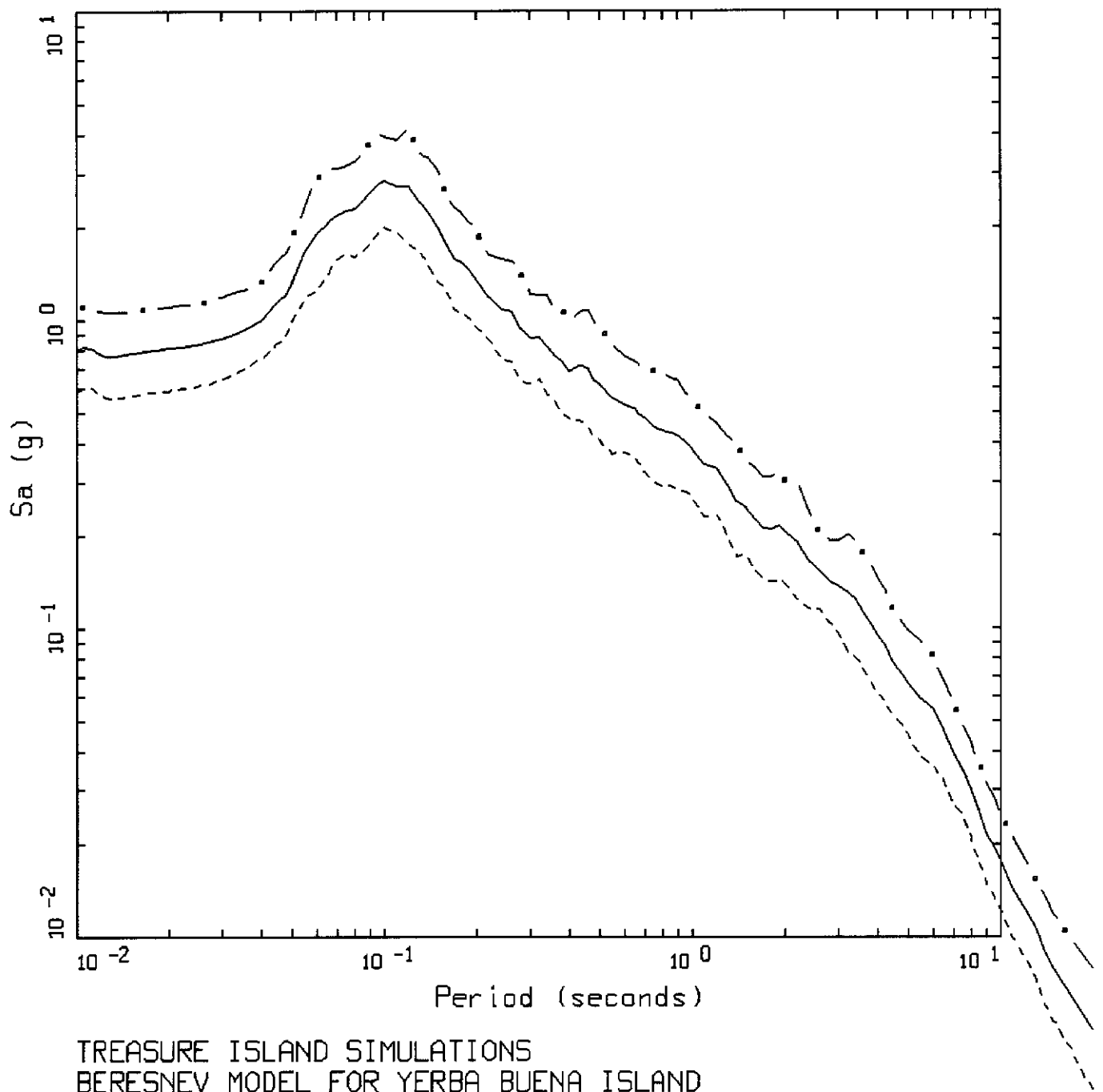
SAN ANDREAS, M=7.9 AT TREASURE ISLAND SURFACE



SAN ANDREAS, M=7.9 AT TREASURE ISLAND SURFACE

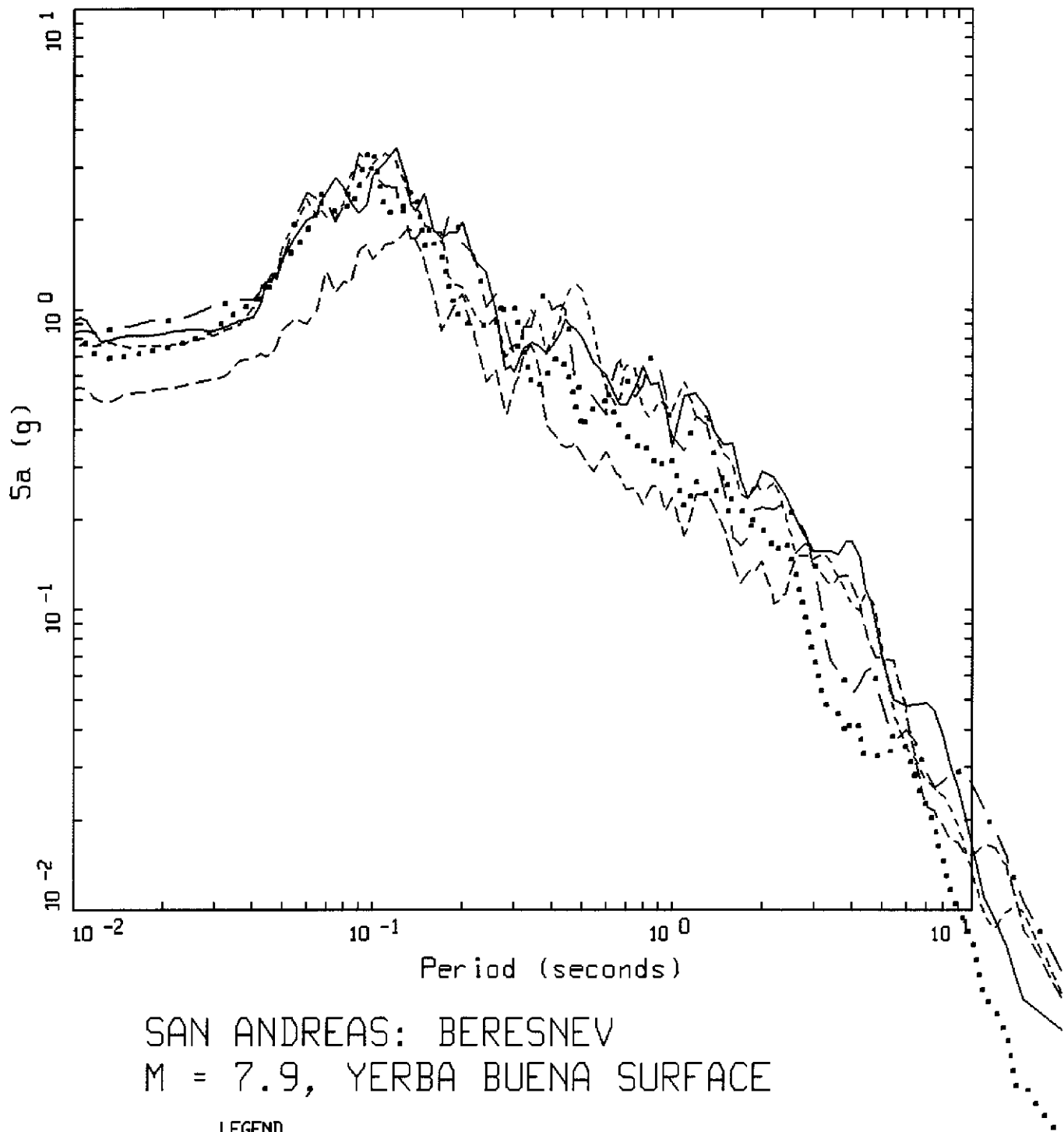


SAN ANDREAS, M=7.9 AT TREASURE ISLAND SURFACE



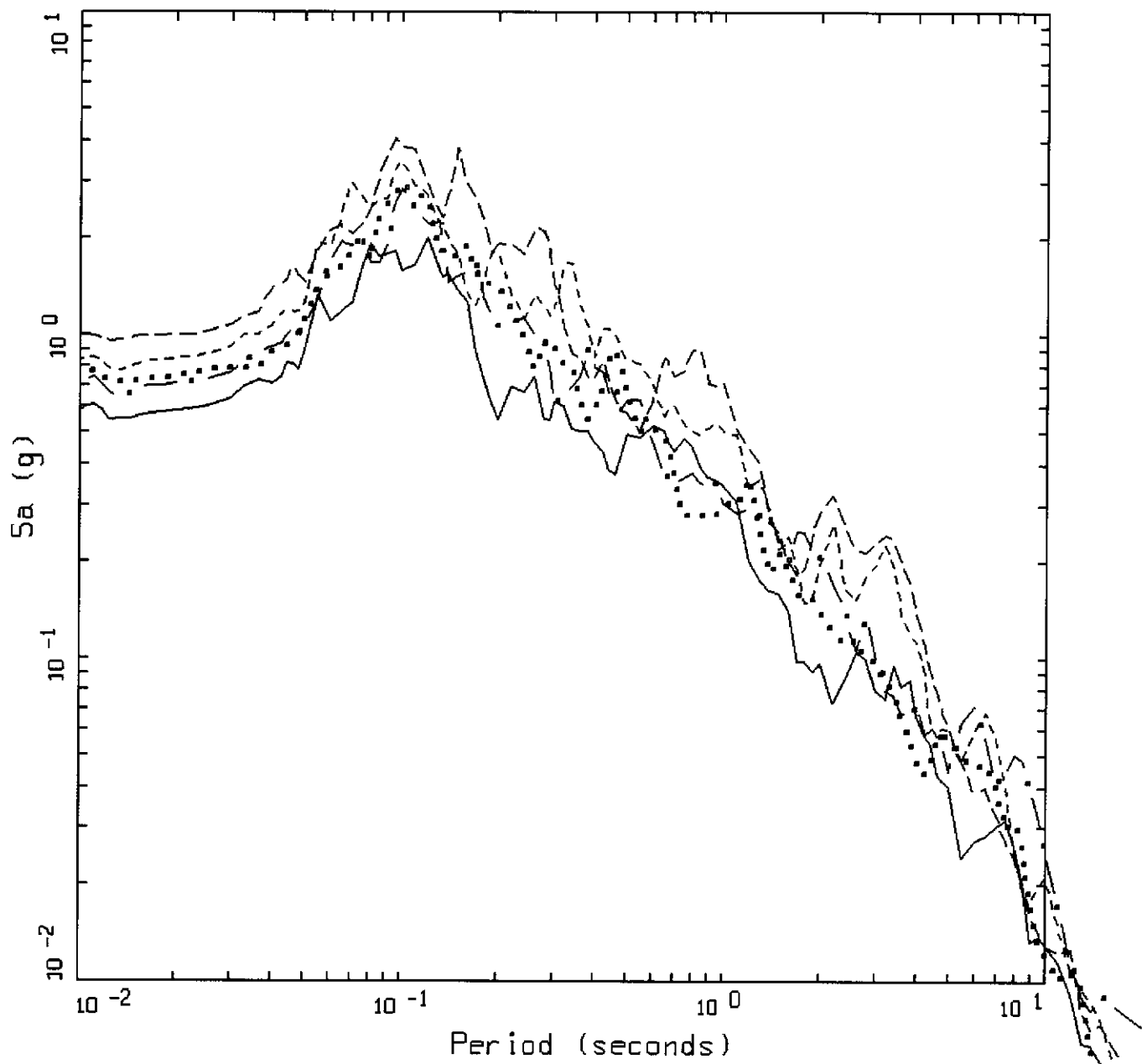
LEGEND

- • — 84TH PERCENTILE, PGA = 1.102 G
- 50TH PERCENTILE, PGA = 0.807 G
- 16TH PERCENTILE, PGA = 0.592 G



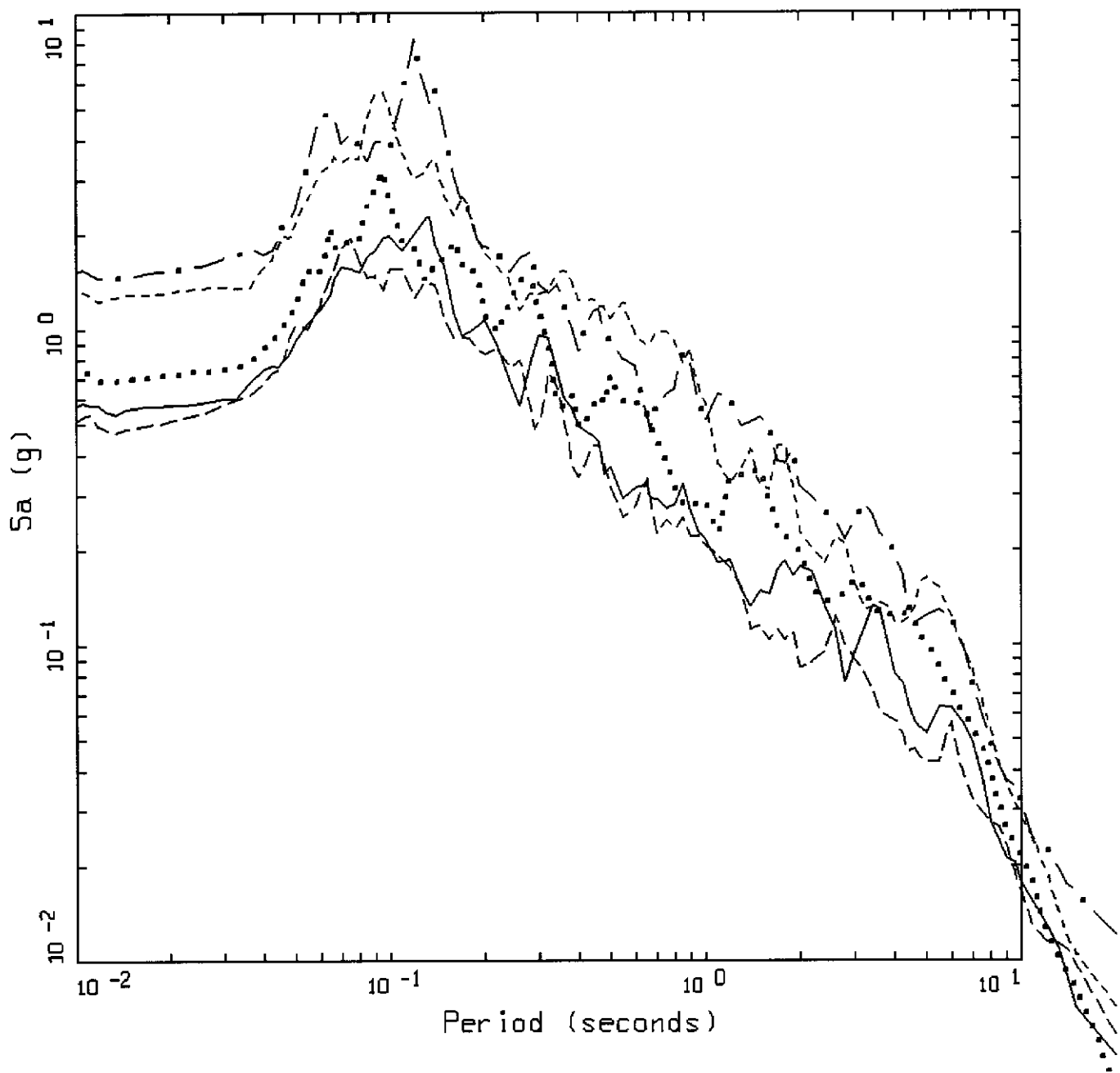
LEGEND

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- 5 %, RESPONSE SPECTRA, YB2AVG
- 5 %, RESPONSE SPECTRA, YB3AVG
- · - · - 5 %, RESPONSE SPECTRA, YB4AVG
- · — 5 %, RESPONSE SPECTRA, YB5AVG



SAN ANDREAS: BERESNEV
 M = 7.9, YERBA BUENA SURFACE

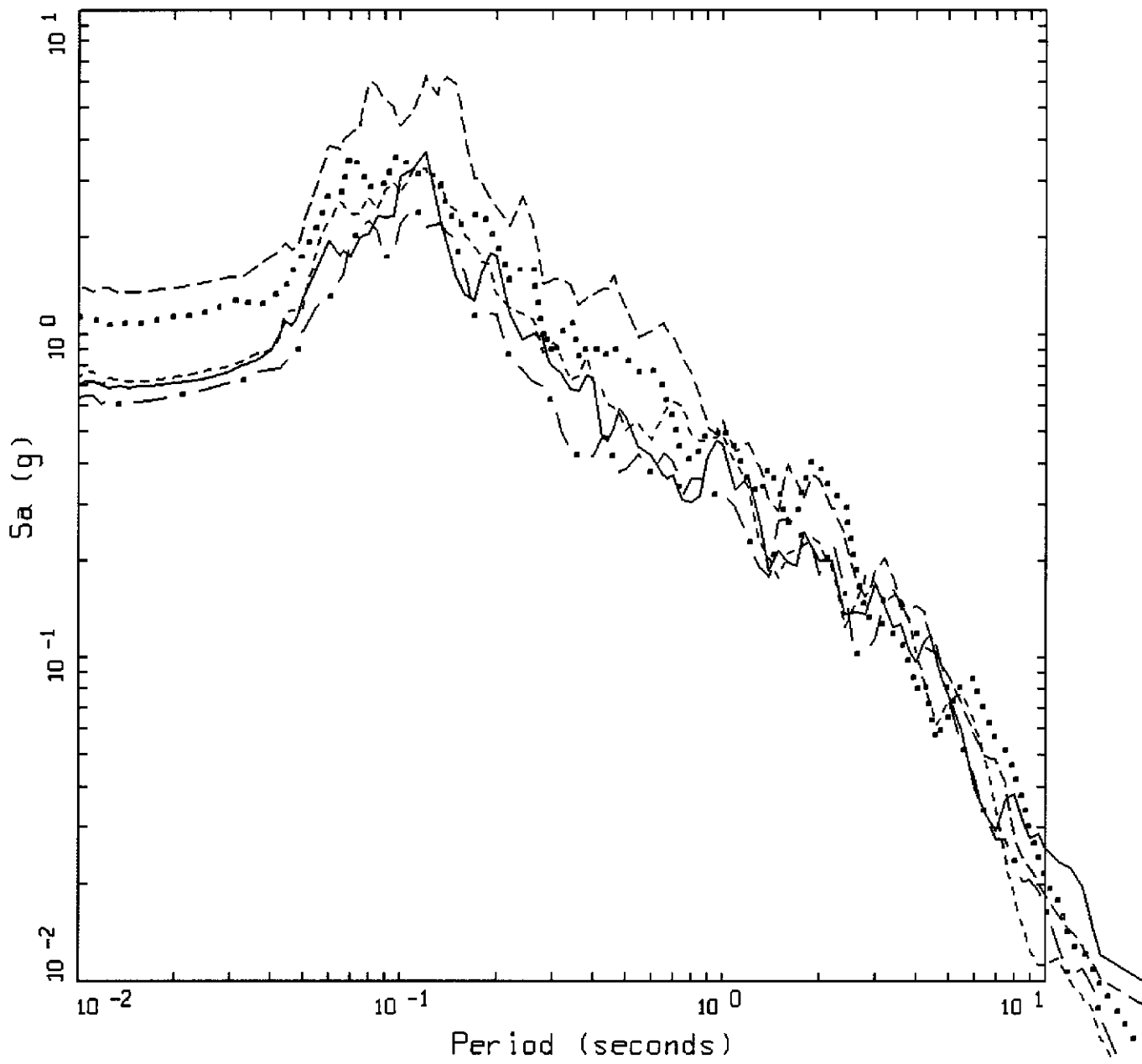
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 - - - - 5 %, RESPONSE SPECTRA, YB9AVG
 - . - . 5 %, RESPONSE SPECTRA, YB10AVG



SAN ANDREAS: BERESNEV
 M = 7.9, YERBA BUENA SURFACE

LEGEND

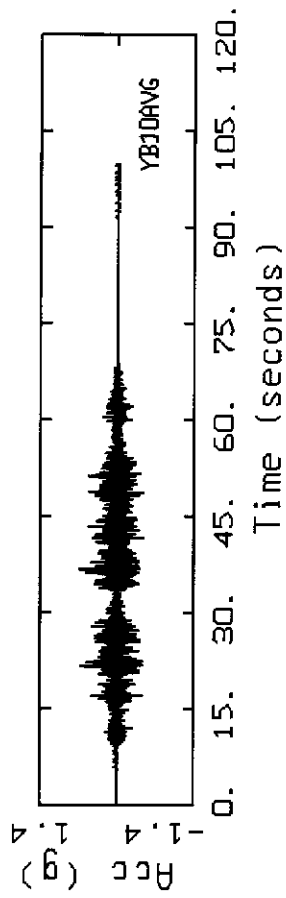
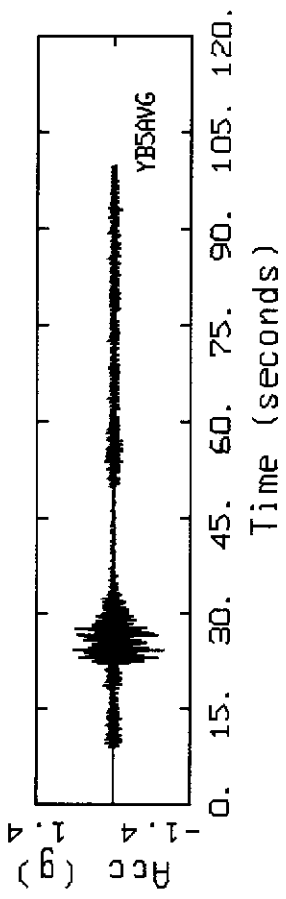
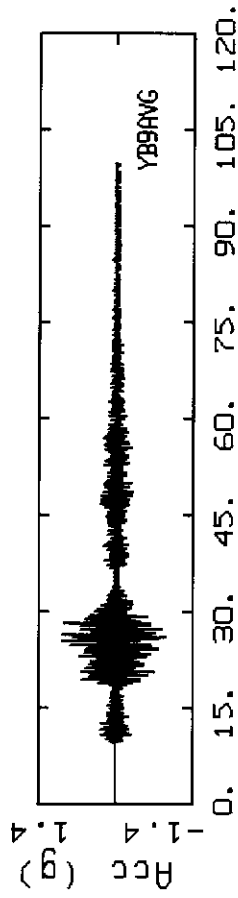
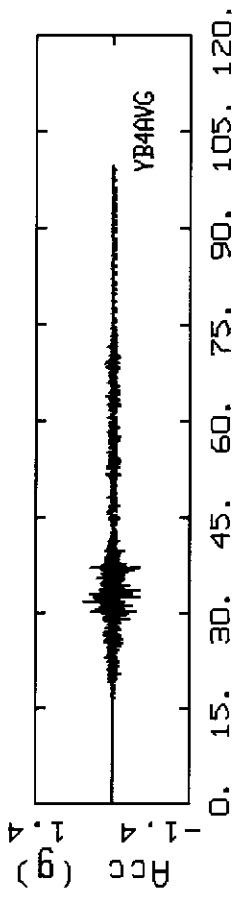
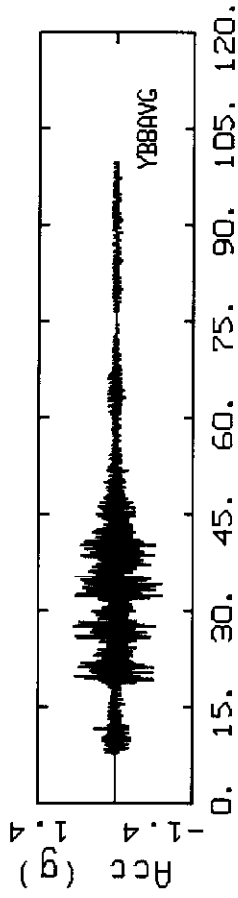
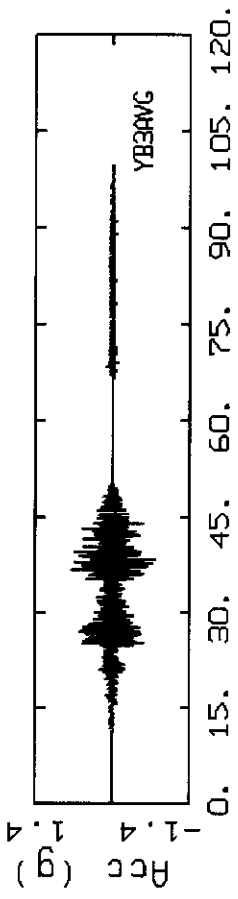
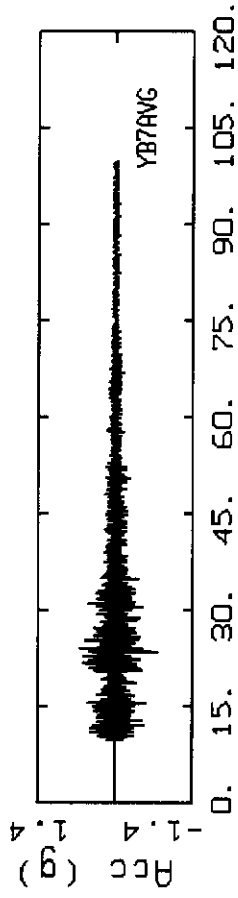
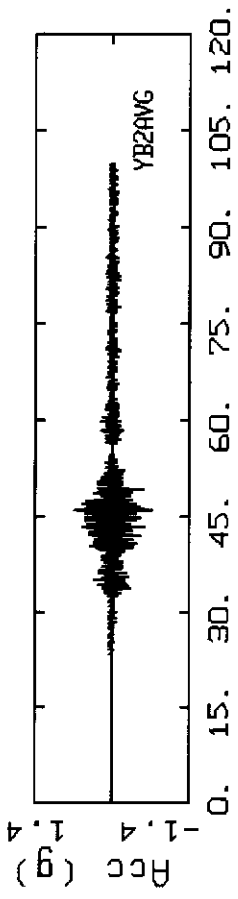
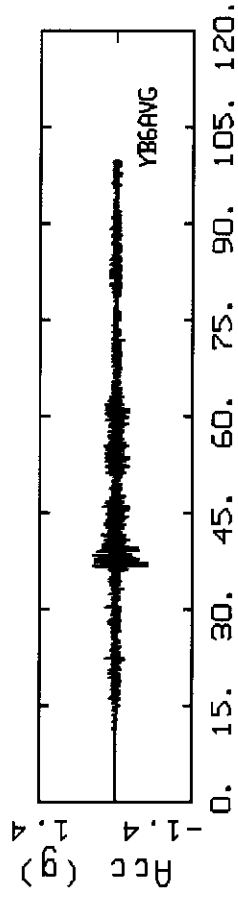
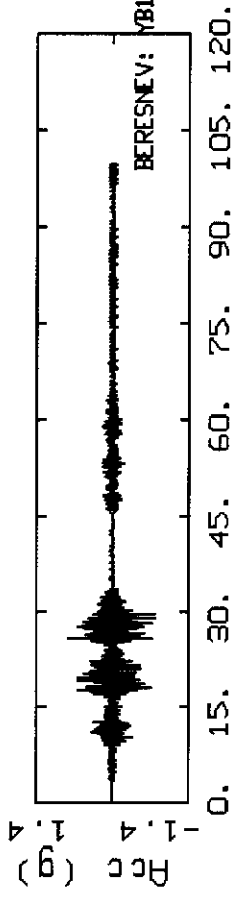
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- 5 %, RESPONSE SPECTRA, YB13AVG
- · - · - 5 %, RESPONSE SPECTRA, YB14AVG
- - - - - 5 %, RESPONSE SPECTRA, YB15AVG



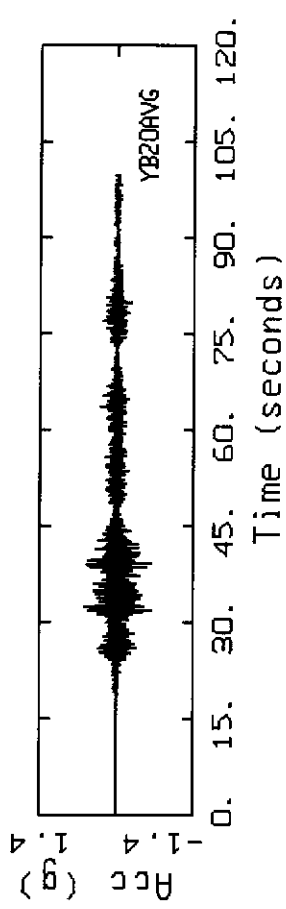
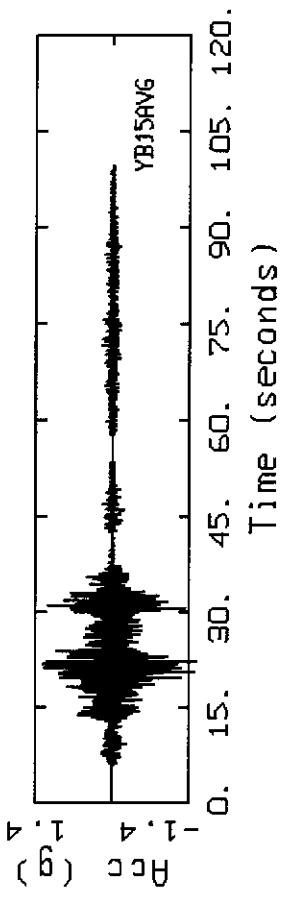
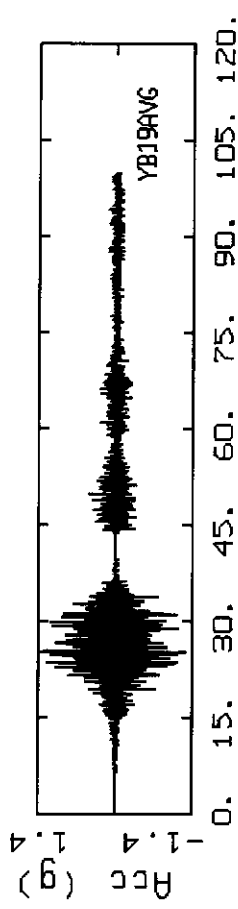
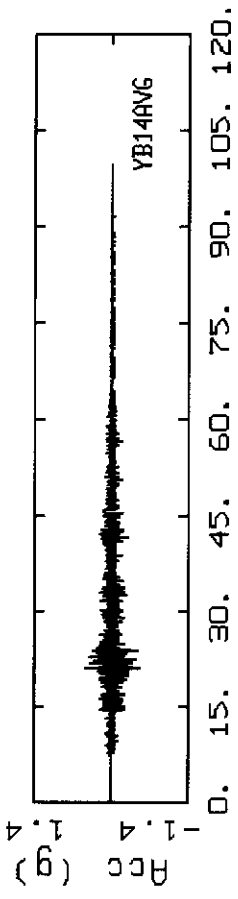
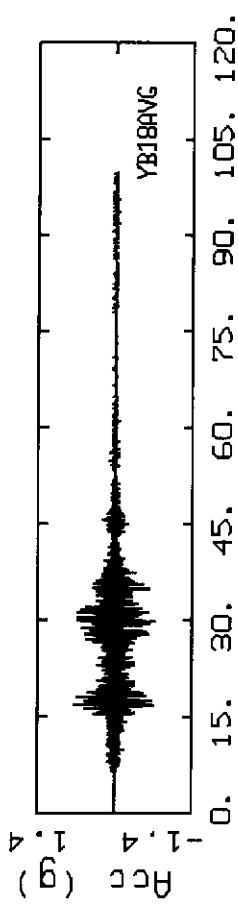
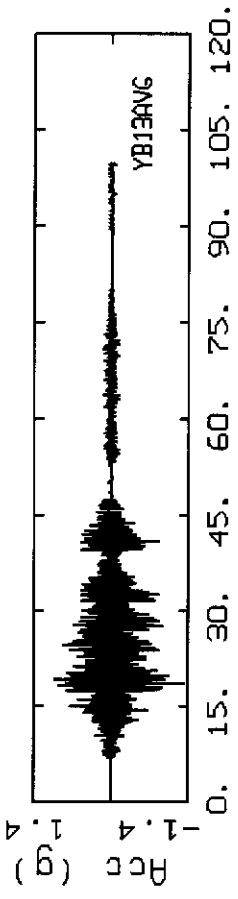
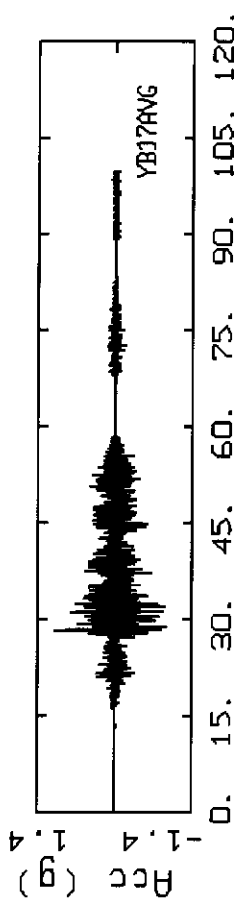
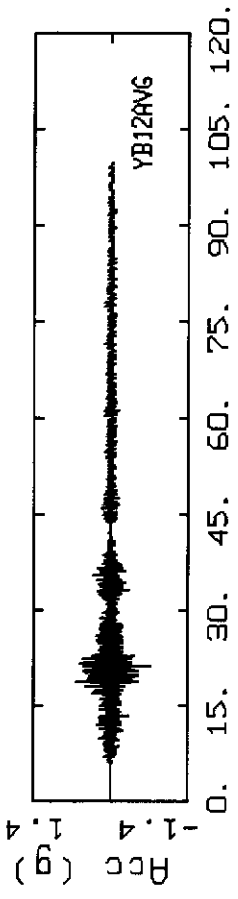
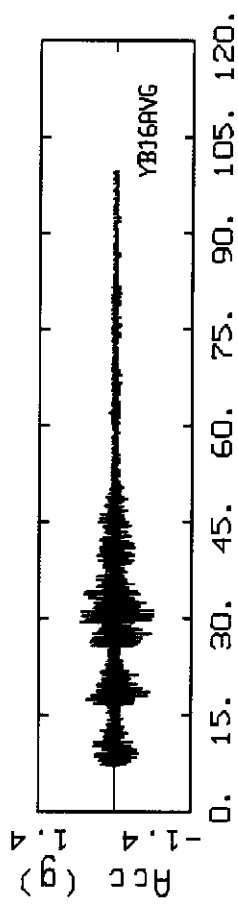
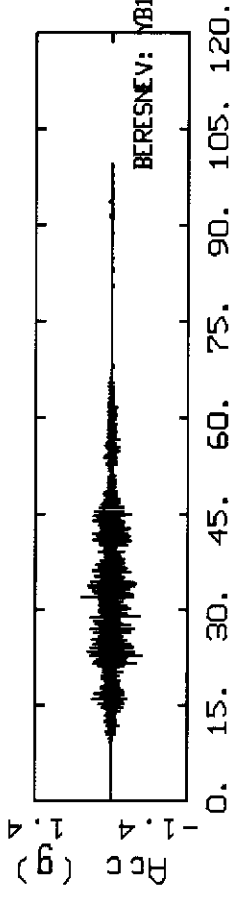
SAN ANDREAS: BERESNEV
 M = 7.9, YERBA BUENA SURFACE

LEGEND

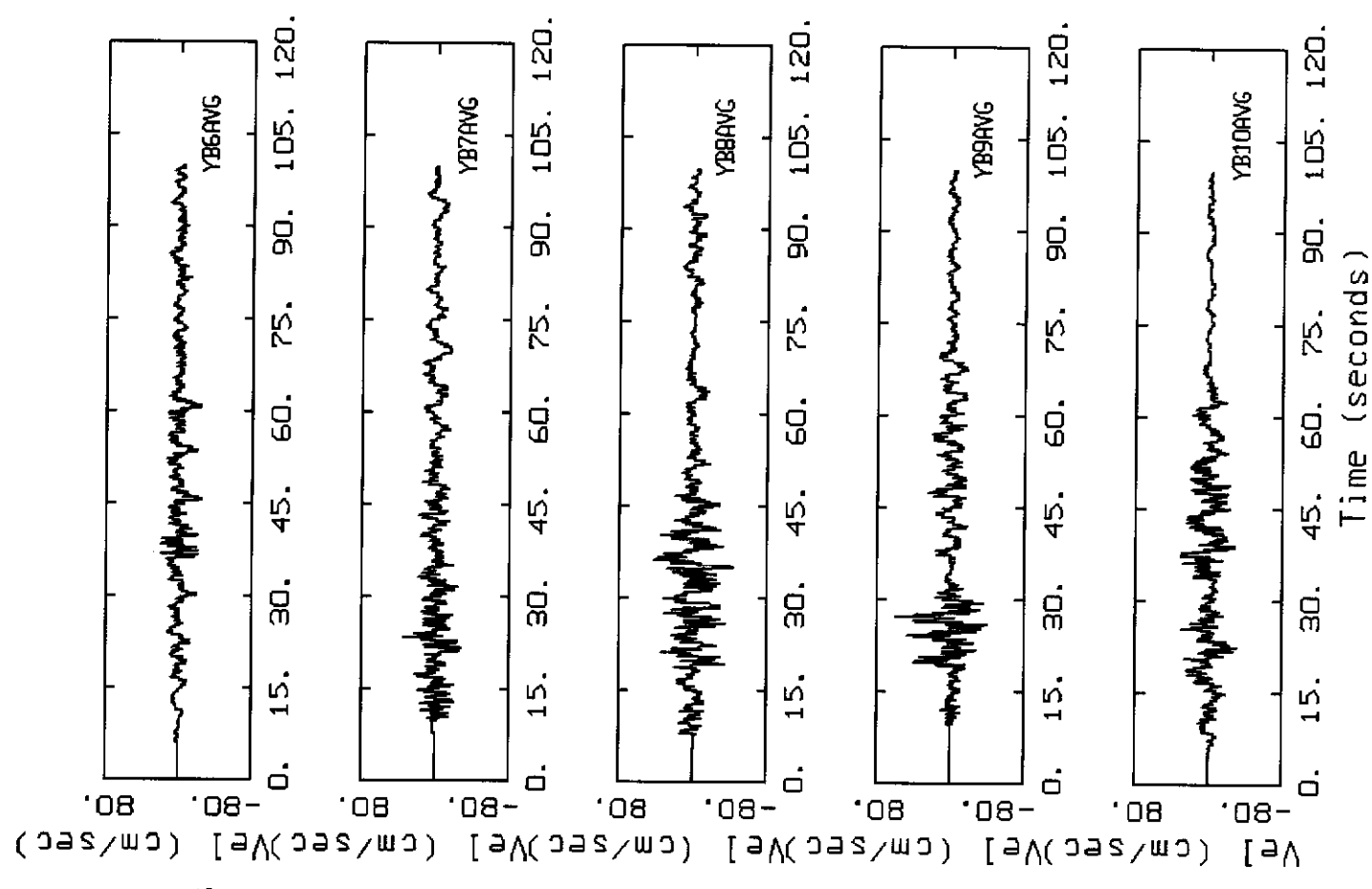
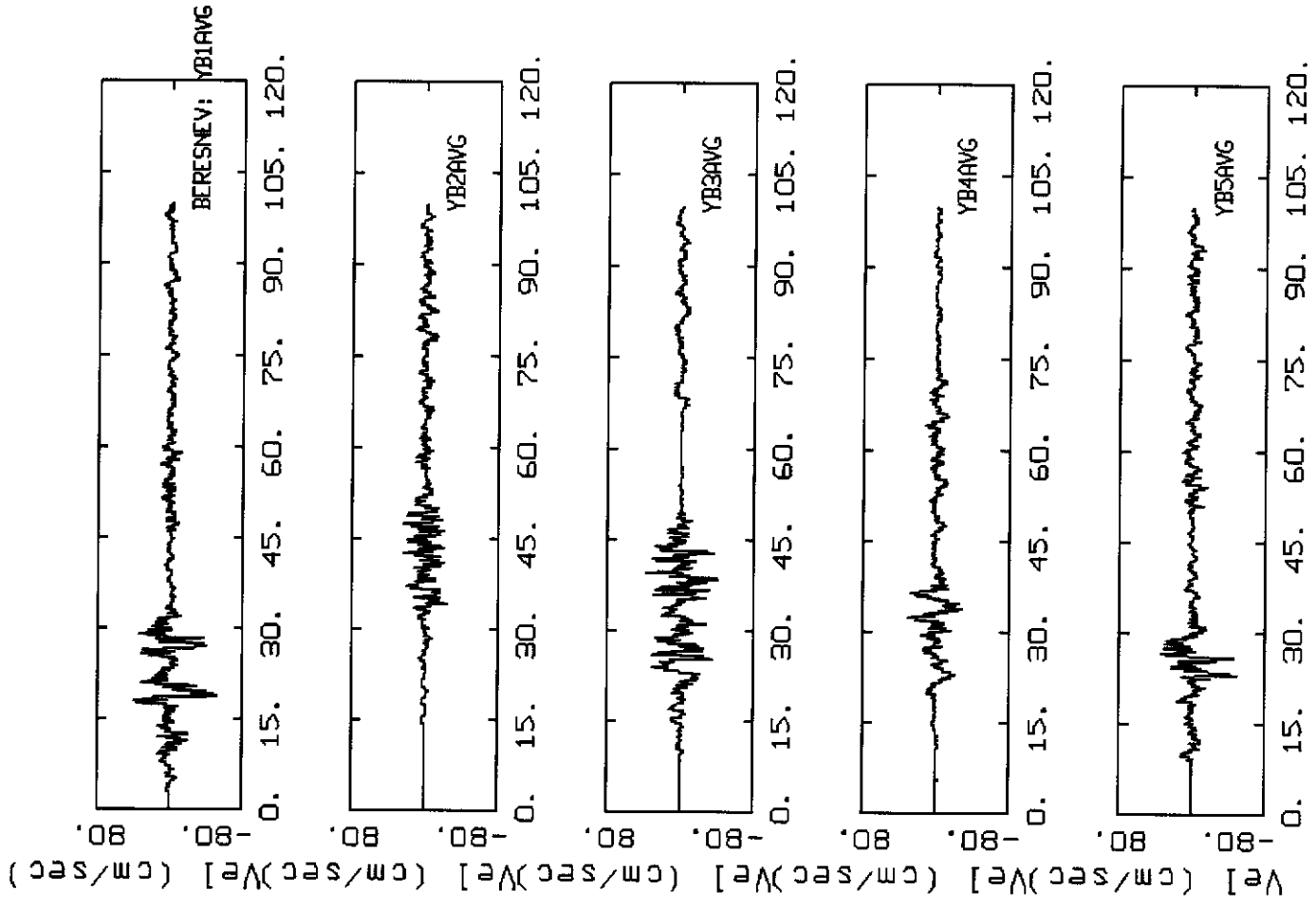
- 5 %, RESPONSE SPECTRA, YB16AVG
- 5 %, RESPONSE SPECTRA, YB17AVG
- 5 %, RESPONSE SPECTRA, YB18AVG
- · - · 5 %, RESPONSE SPECTRA, YB19AVG
- - - - 5 %, RESPONSE SPECTRA, YB20AVG



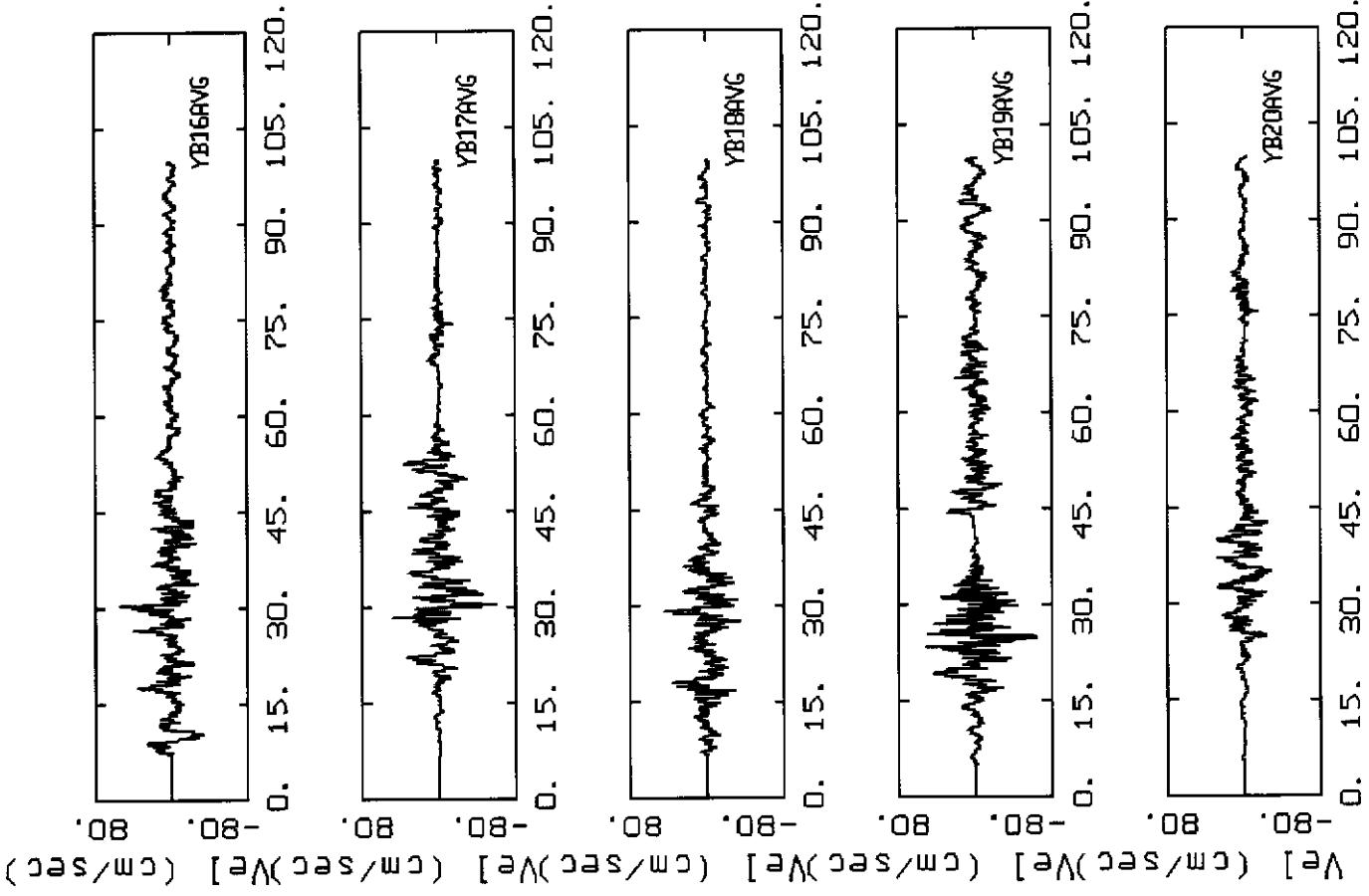
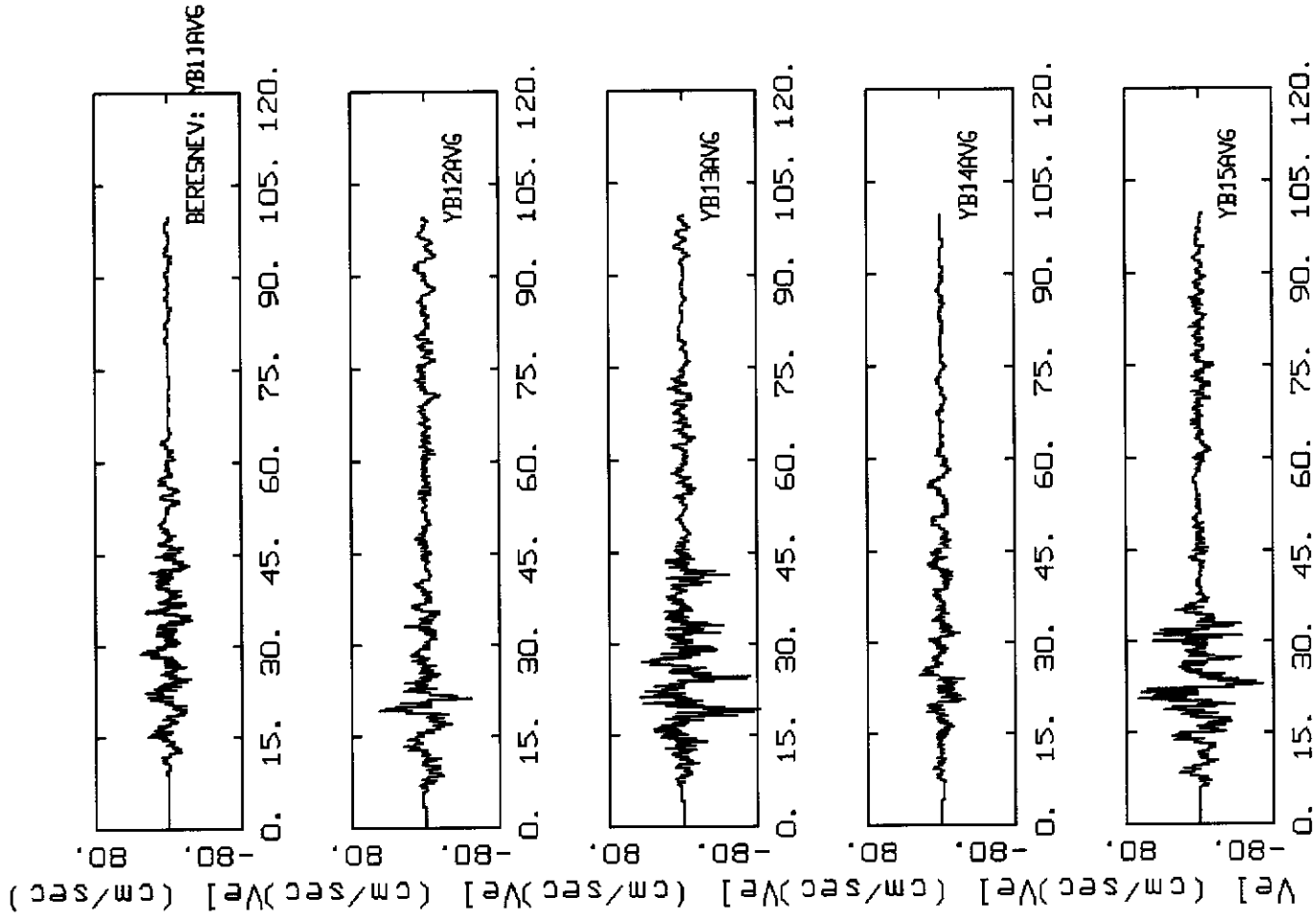
SAN ANDREAS, M=7.9 AT YERBA BUENA SURFACE



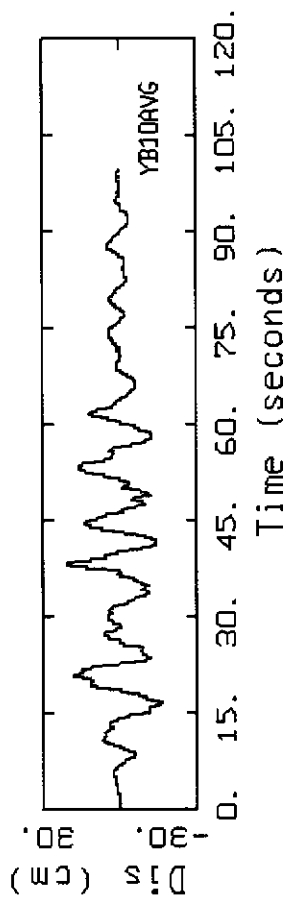
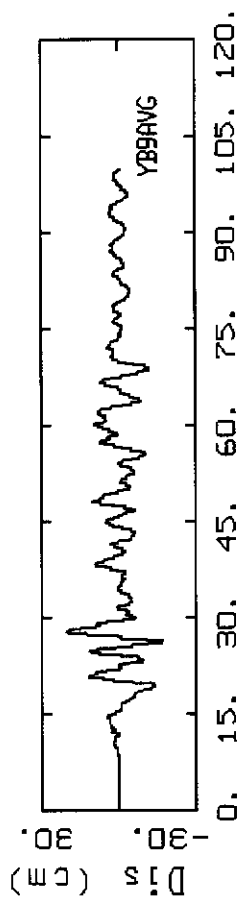
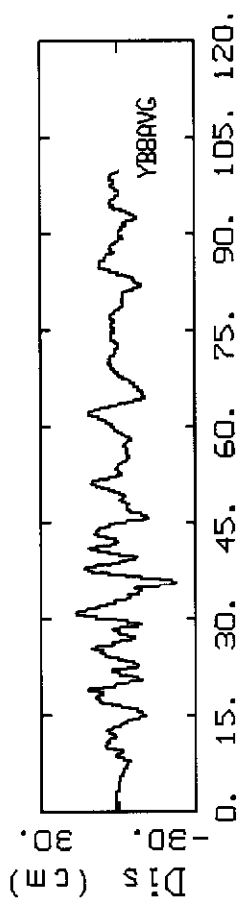
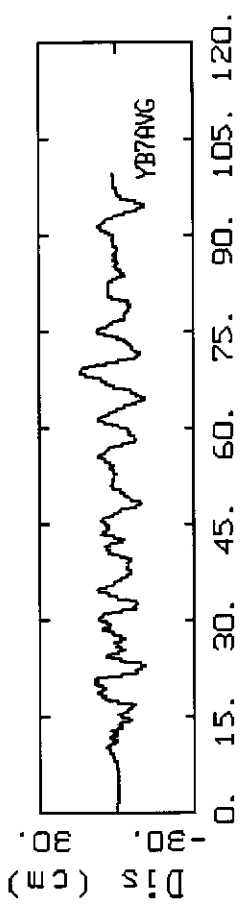
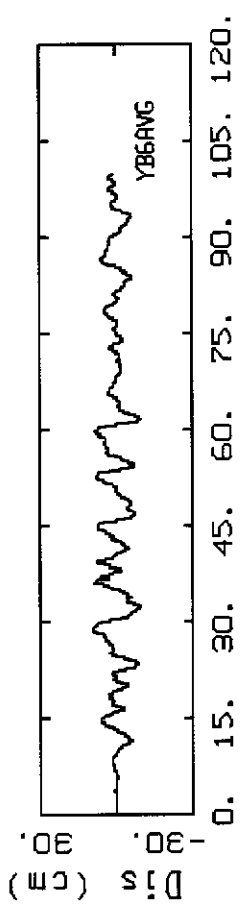
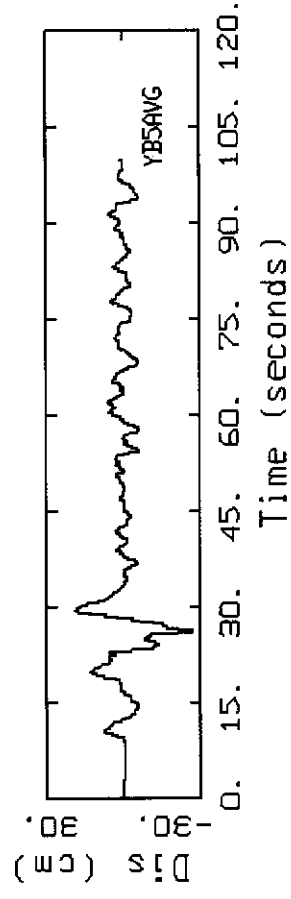
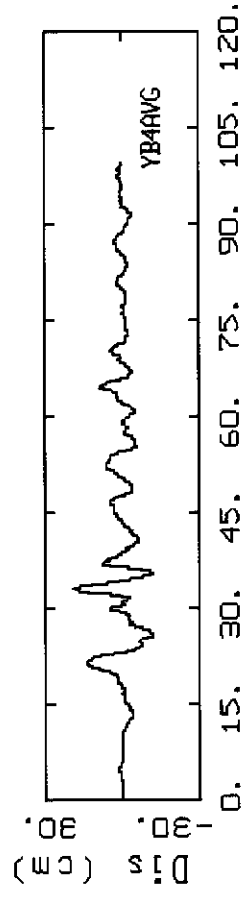
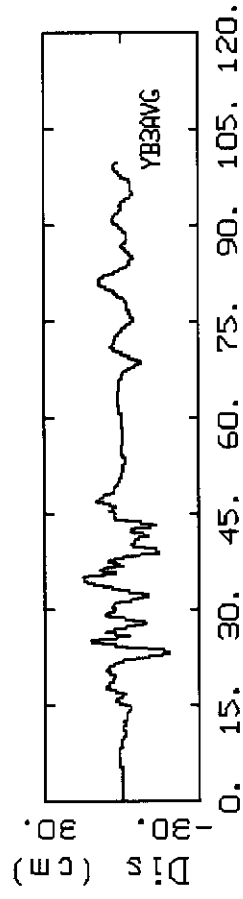
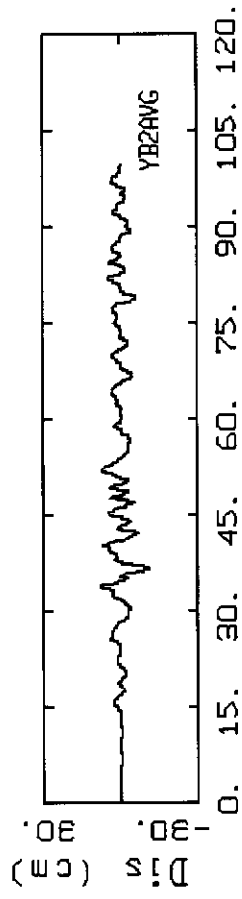
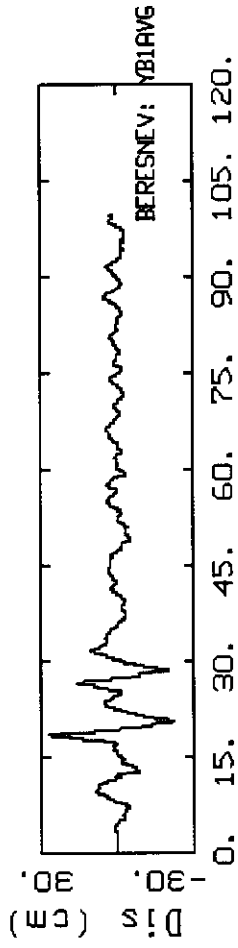
SAN ANDREAS, M=7.9 AT YERBA BUENA SURFACE



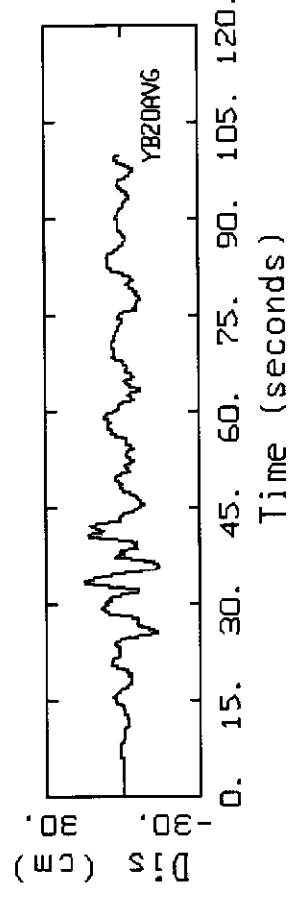
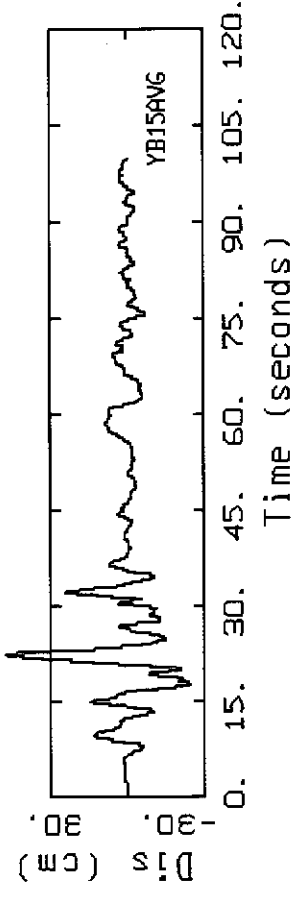
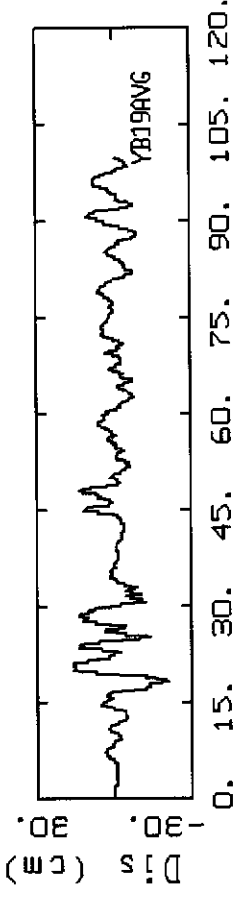
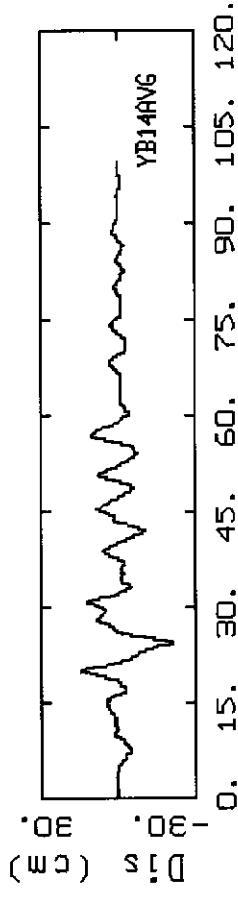
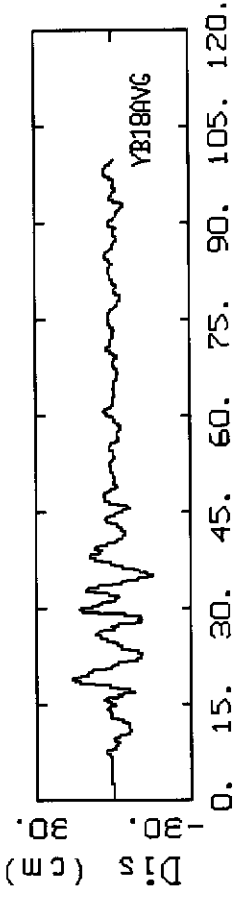
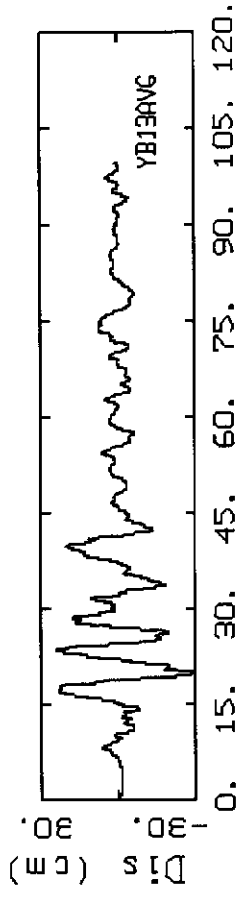
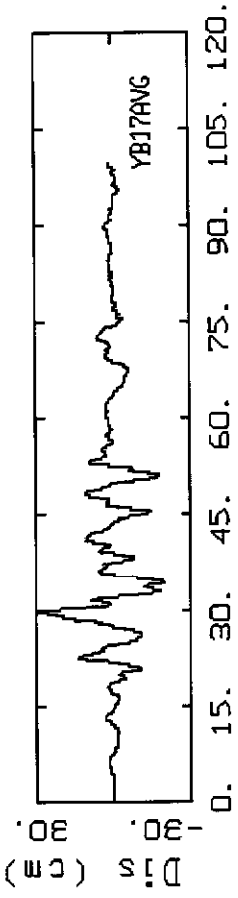
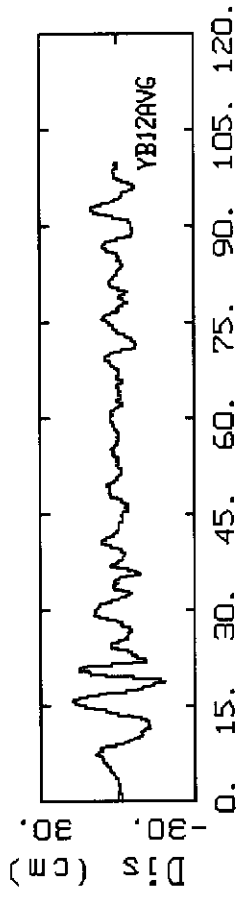
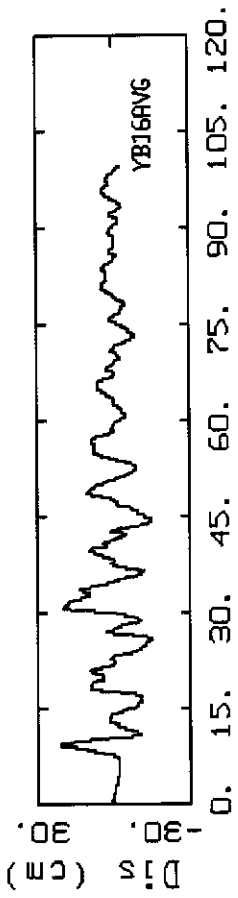
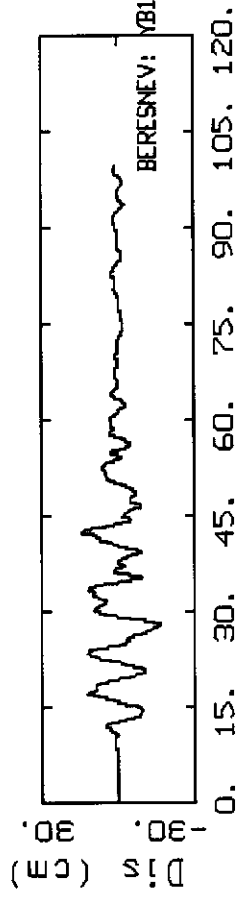
SAN ANDREAS, M=7.9 AT YERBA BUENA SURFACE



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