**Figure 2.5-83—{Maximum Strains vs. Depth for $10^{-5}$ HF Input Motion}**

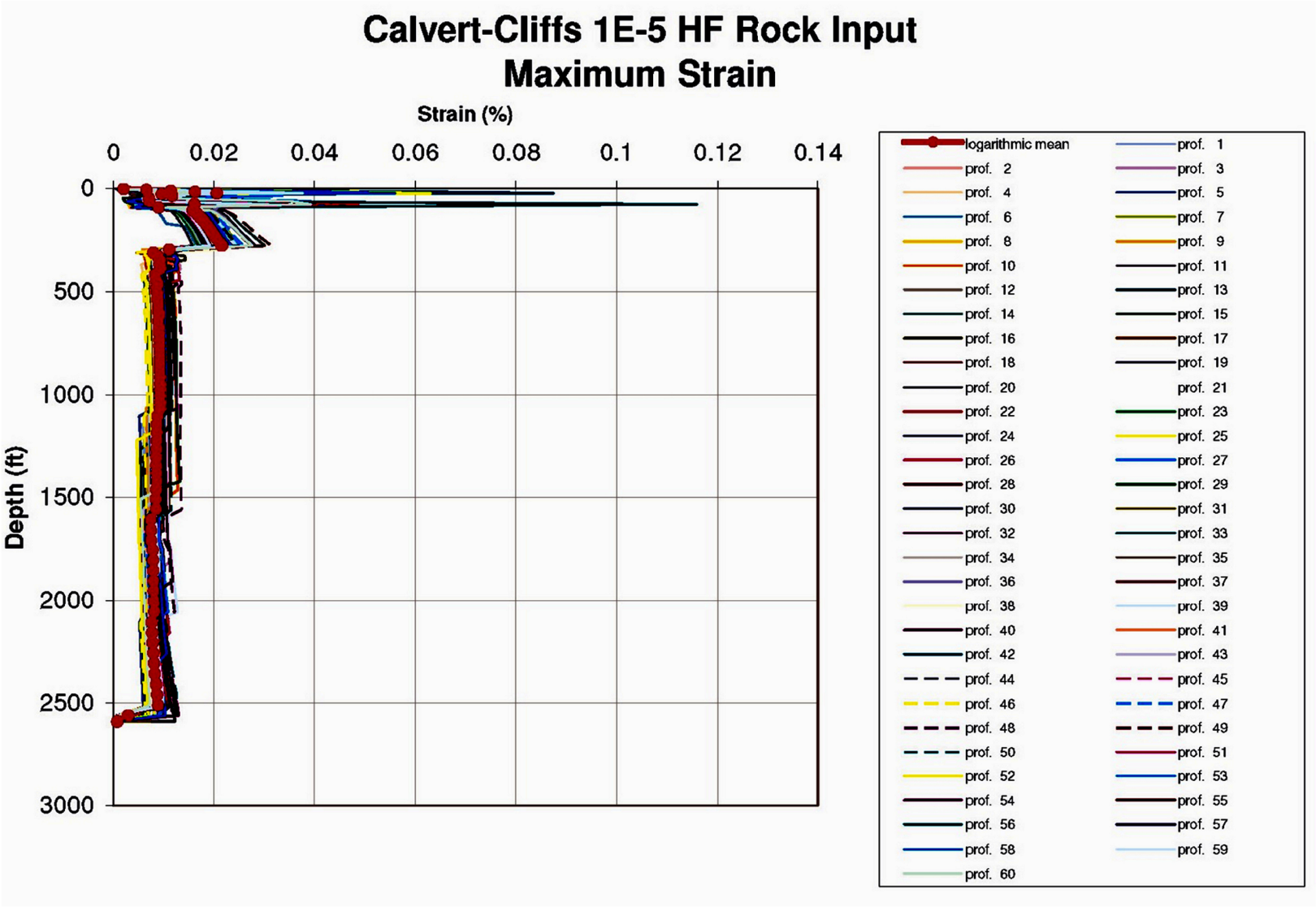



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**Figure 2.5-84—{Logarithmic Mean Site Amplification Factor and Standard Deviation at 41 ft Depth for $10^{-5}$ LF Input Motion}**

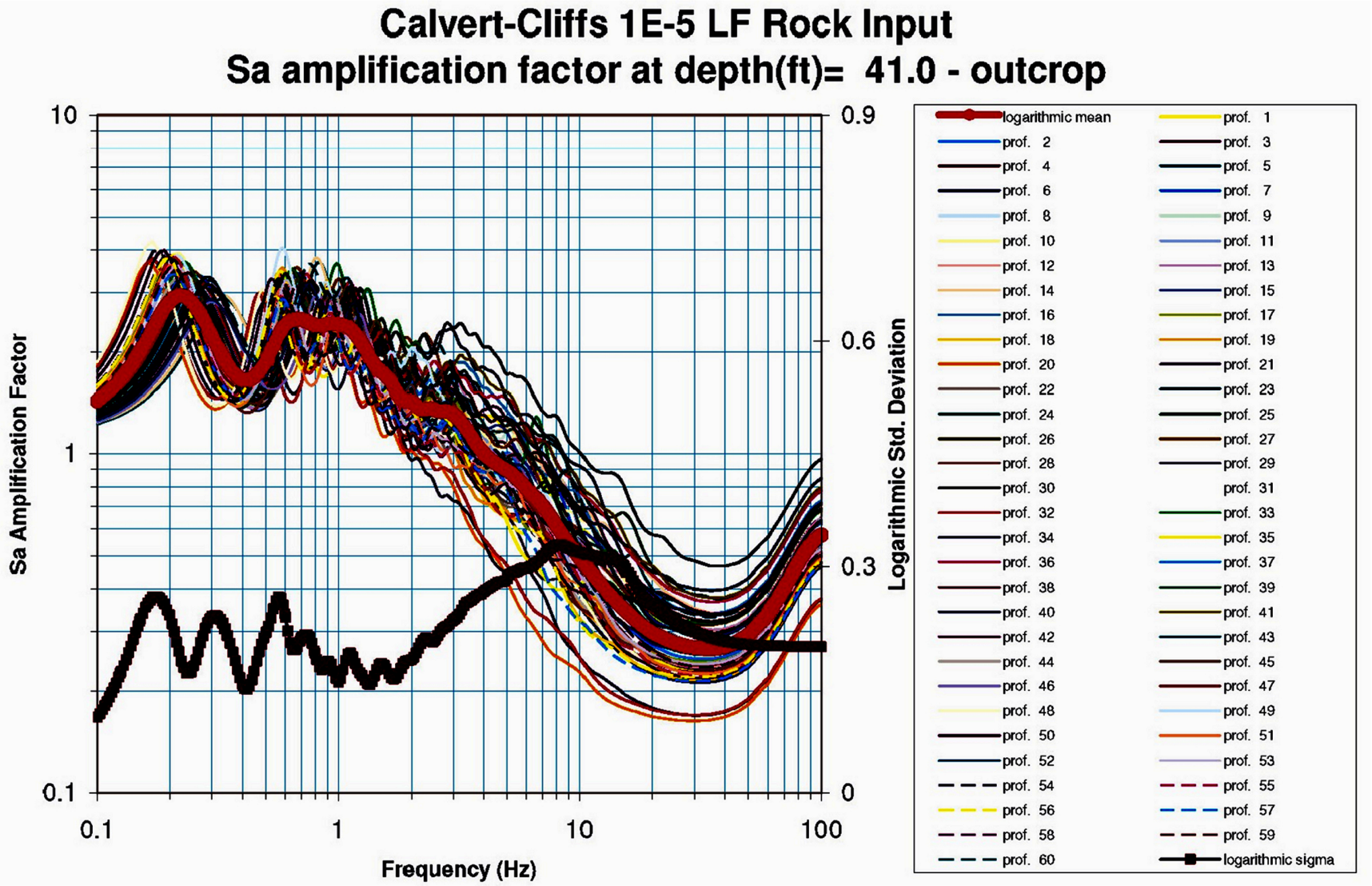



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**Figure 2.5-85—{Maximum Strains vs Depth for $10^{-5}$ LF Input Motion}**

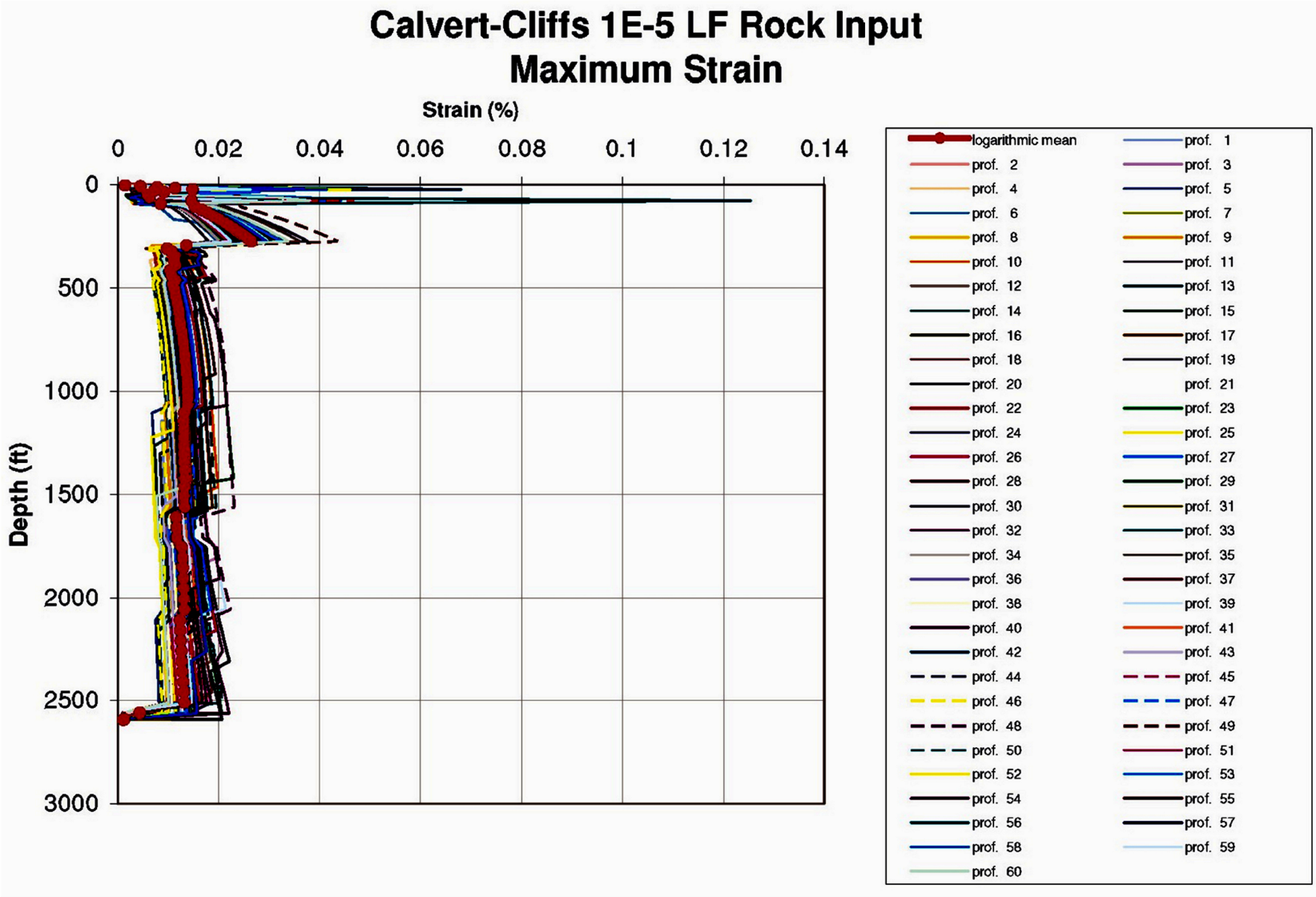



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**Figure 2.5-86—{HF and LF Spectra and Envelopes for $10^{-4}$ and $10^{-5}$}**

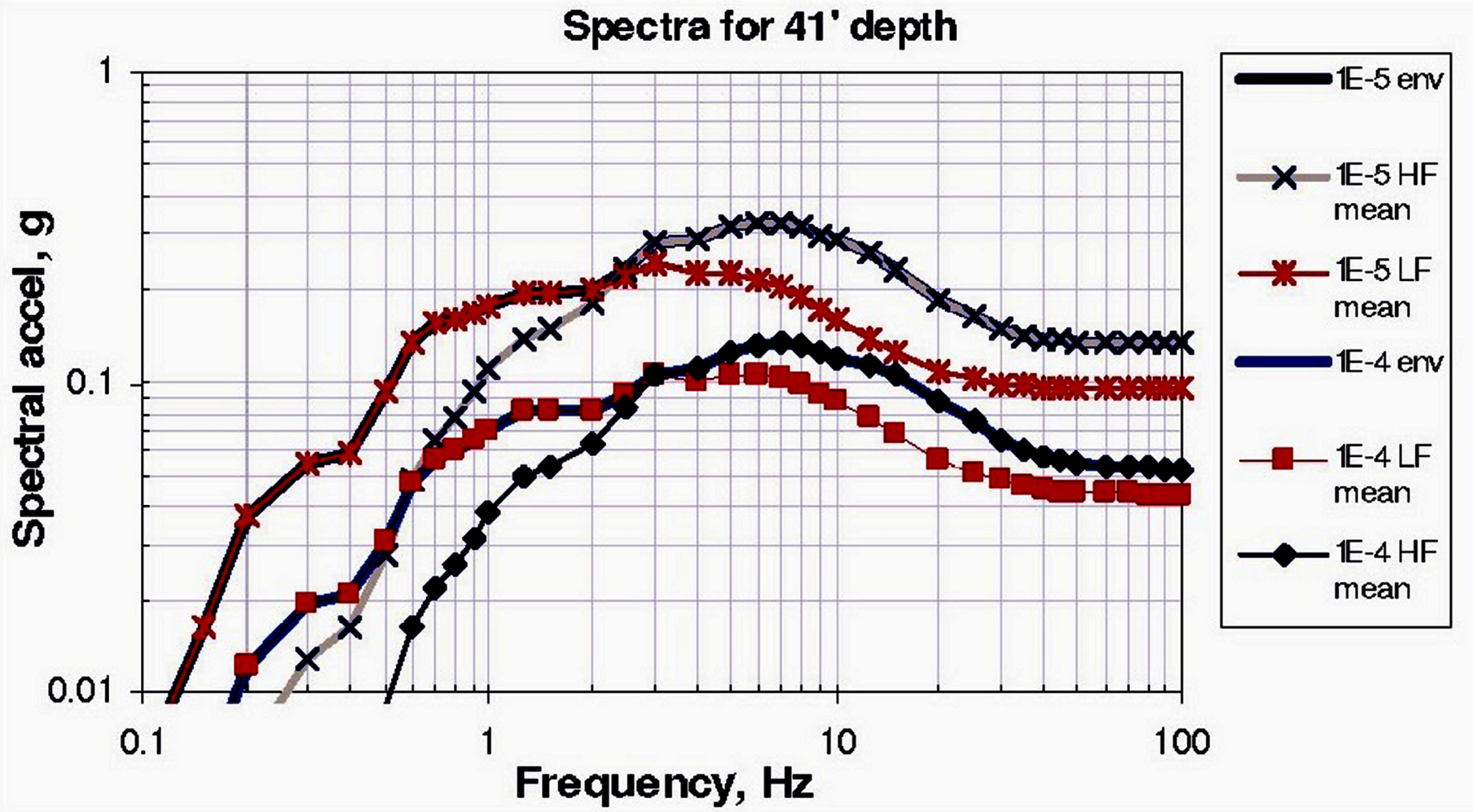



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**Figure 2.5-87—{Recommended Horizontal and Vertical SSE Spectra}**

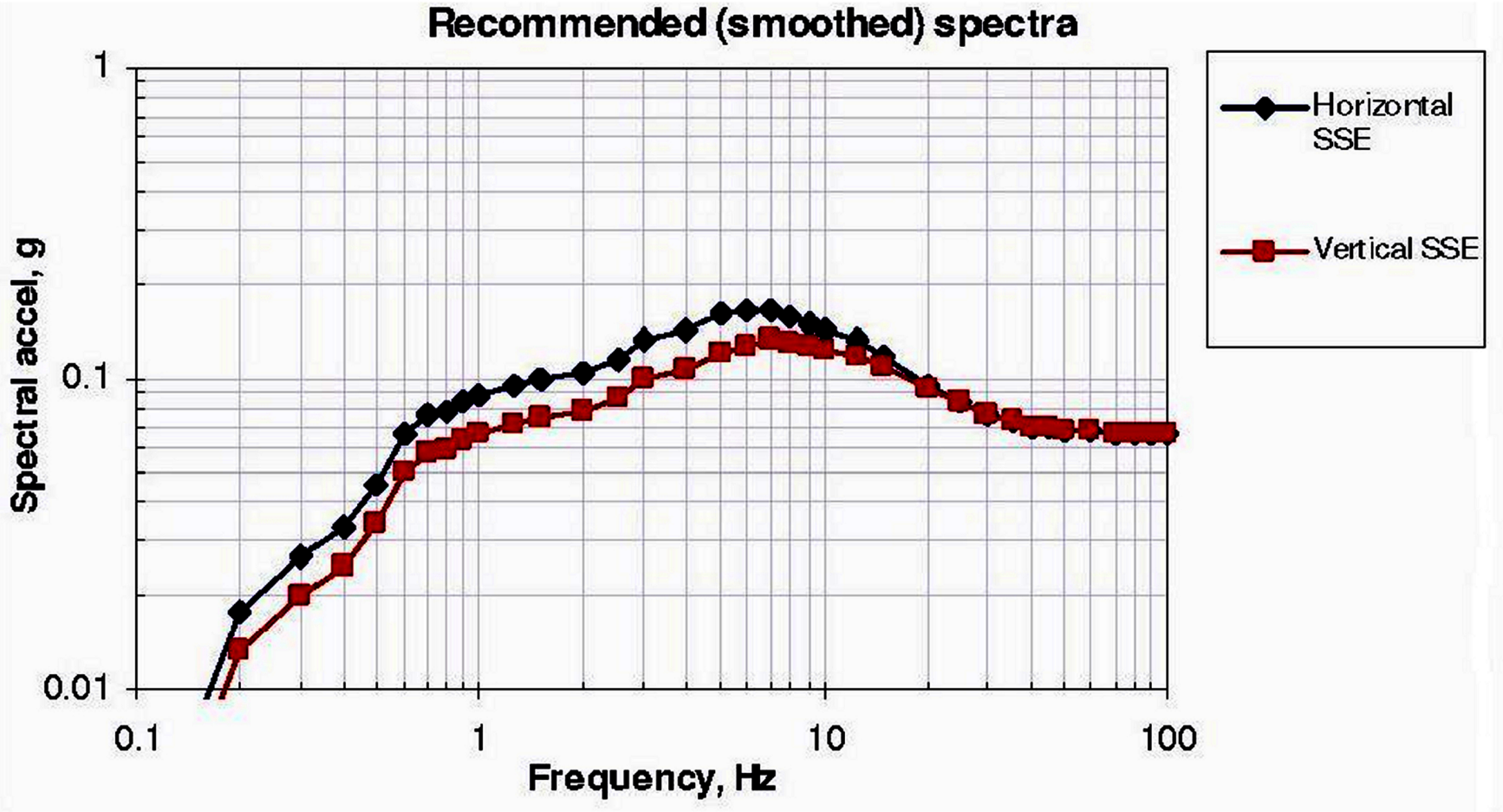



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**Figure 2.5-88—{V/H Ratios from Several Publications and Recommended V/H Ratios}**

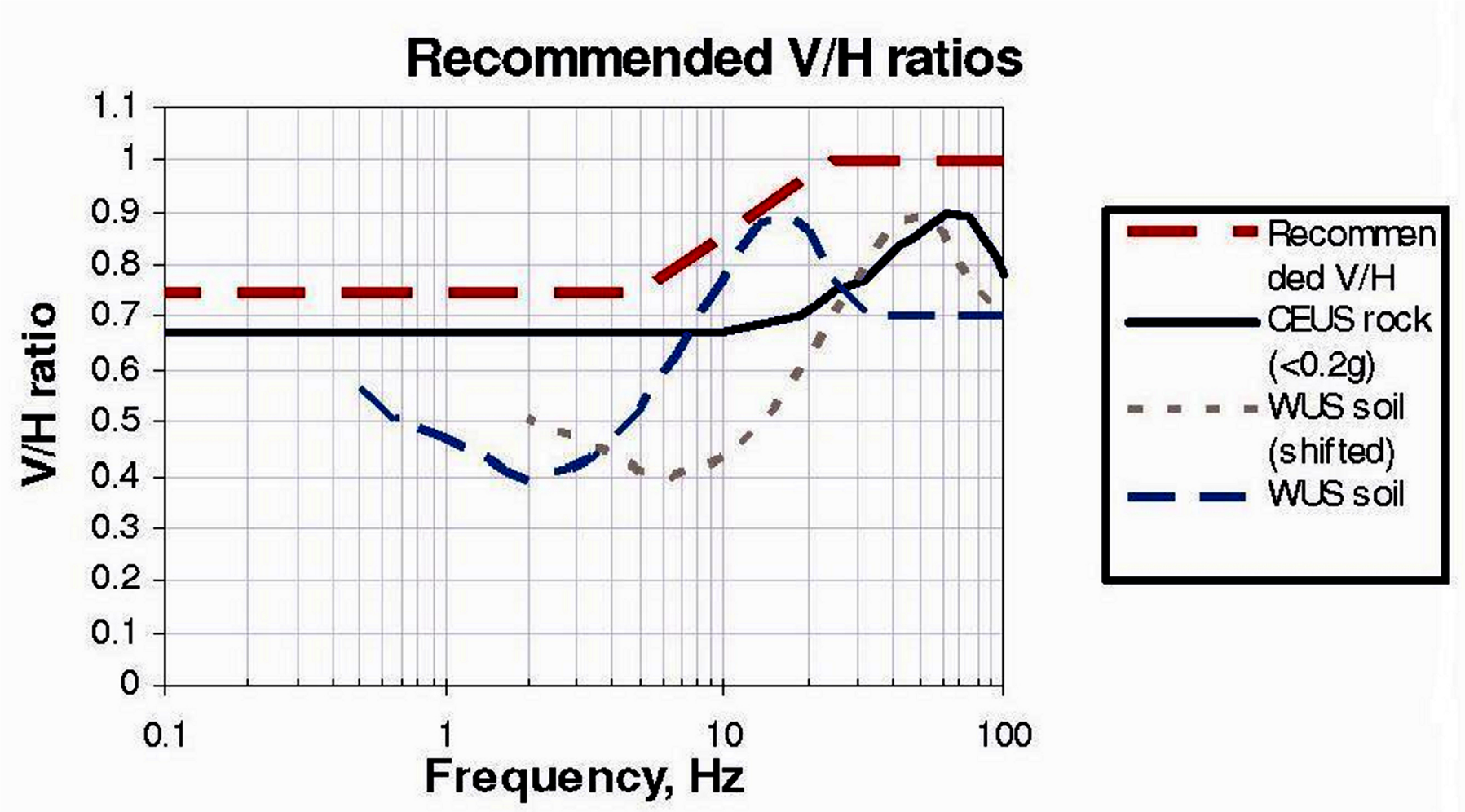



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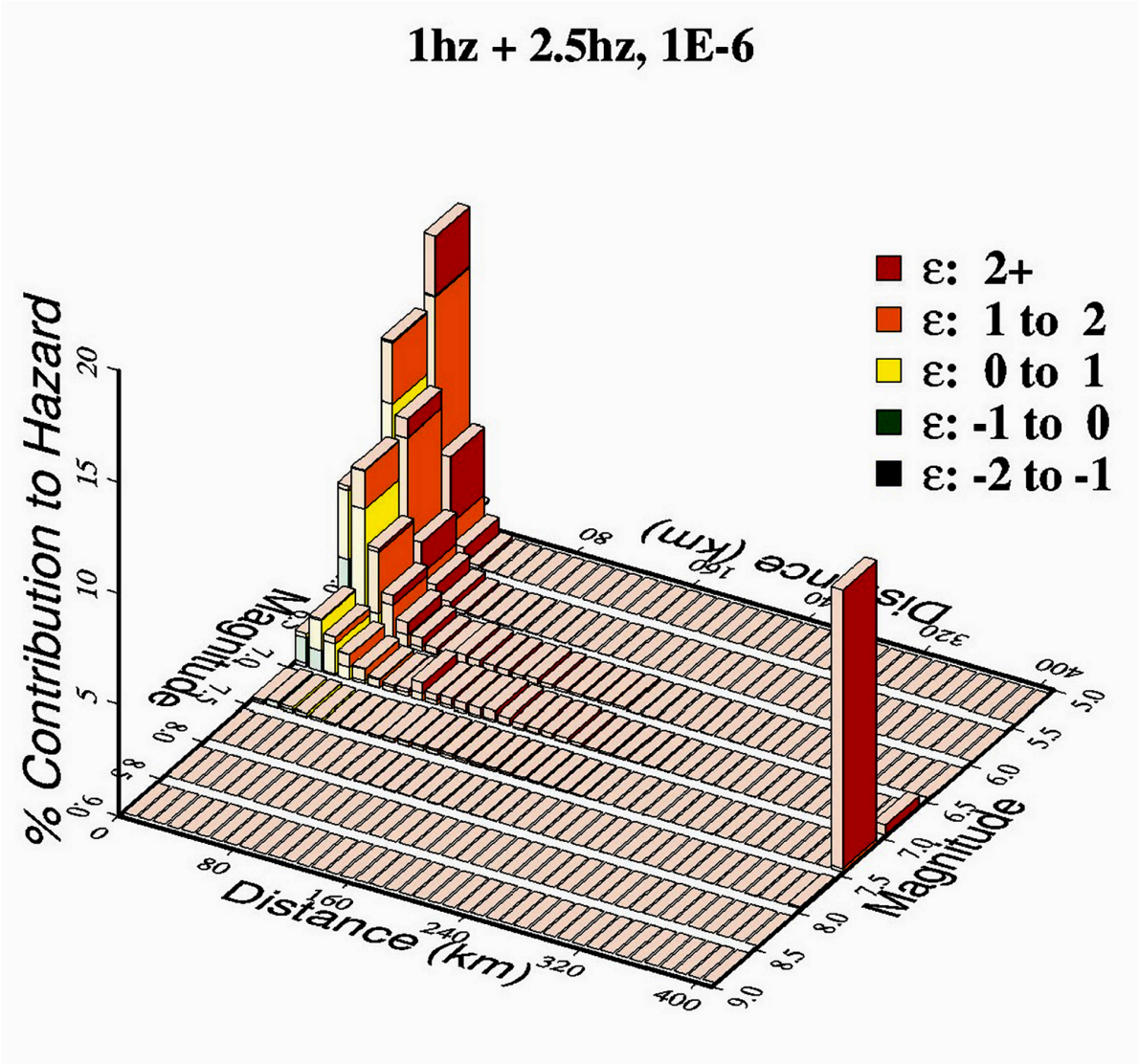
**Figure 2.5-89—{Mean $10^{-6}$ Deaggregation Plot for 1 and 2.5 Hz}**




NOTE: HAZARD FROM EVENTS FARTHER THAN 400 km IS PLOTTED IN THE 405 km BINS. THESE CONTRIBUTIONS ARE FROM THE CHARLESTON SOURCES, WHICH ARE APPROXIMATELY 650 km FROM THE CCNPP UNIT 3 SITE.


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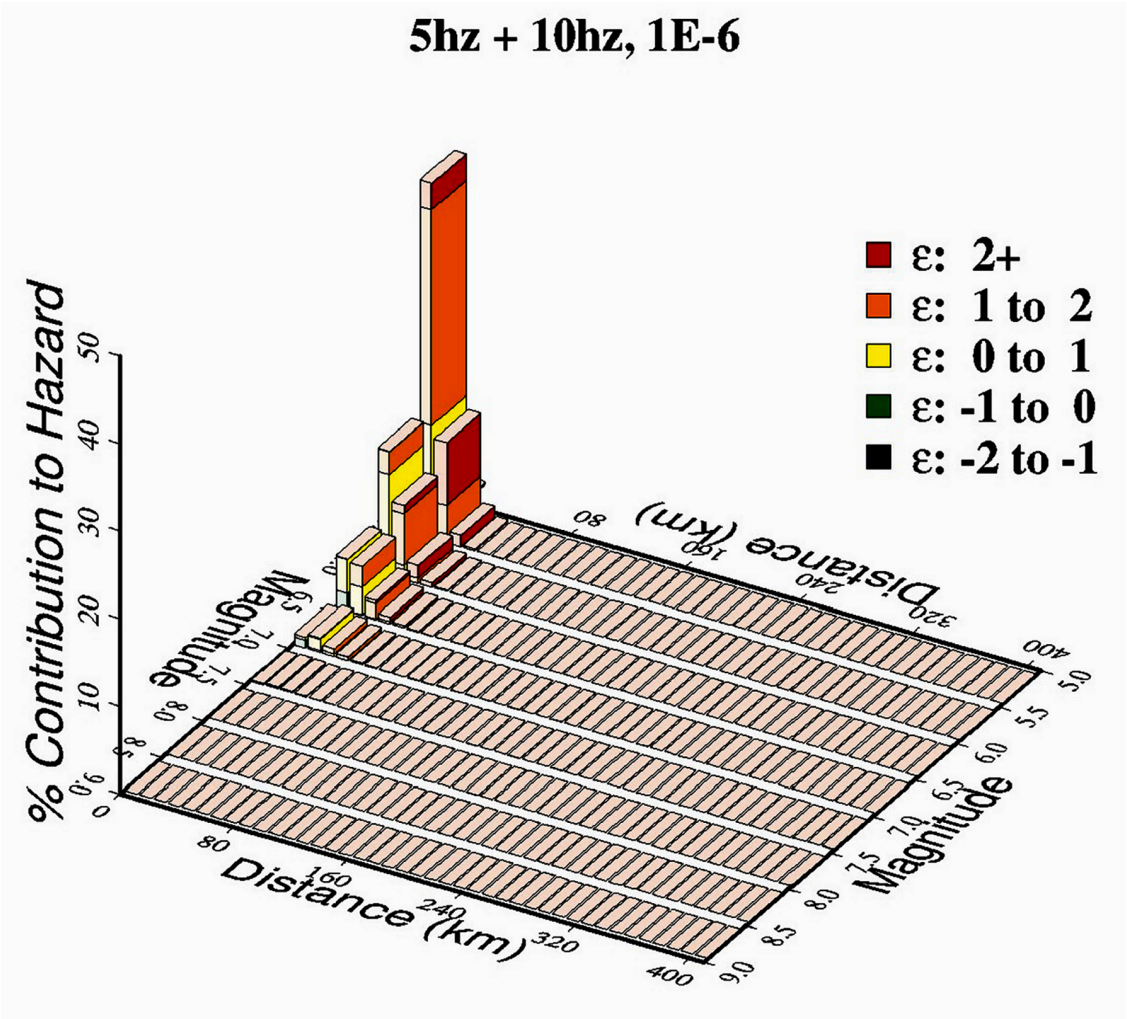
**Figure 2.5-90—{Mean $10^{-6}$ Deaggregation Plot for 5 and 10 Hz}**




NOTE: HAZARD FROM EVENTS FARTHER THAN 400 km IS PLOTTED IN THE 405 km BINS. THESE CONTRIBUTIONS ARE FROM THE CHARLESTON SOURCES, WHICH ARE APPROXIMATELY 650 km FROM THE CCNPP UNIT 3 SITE.


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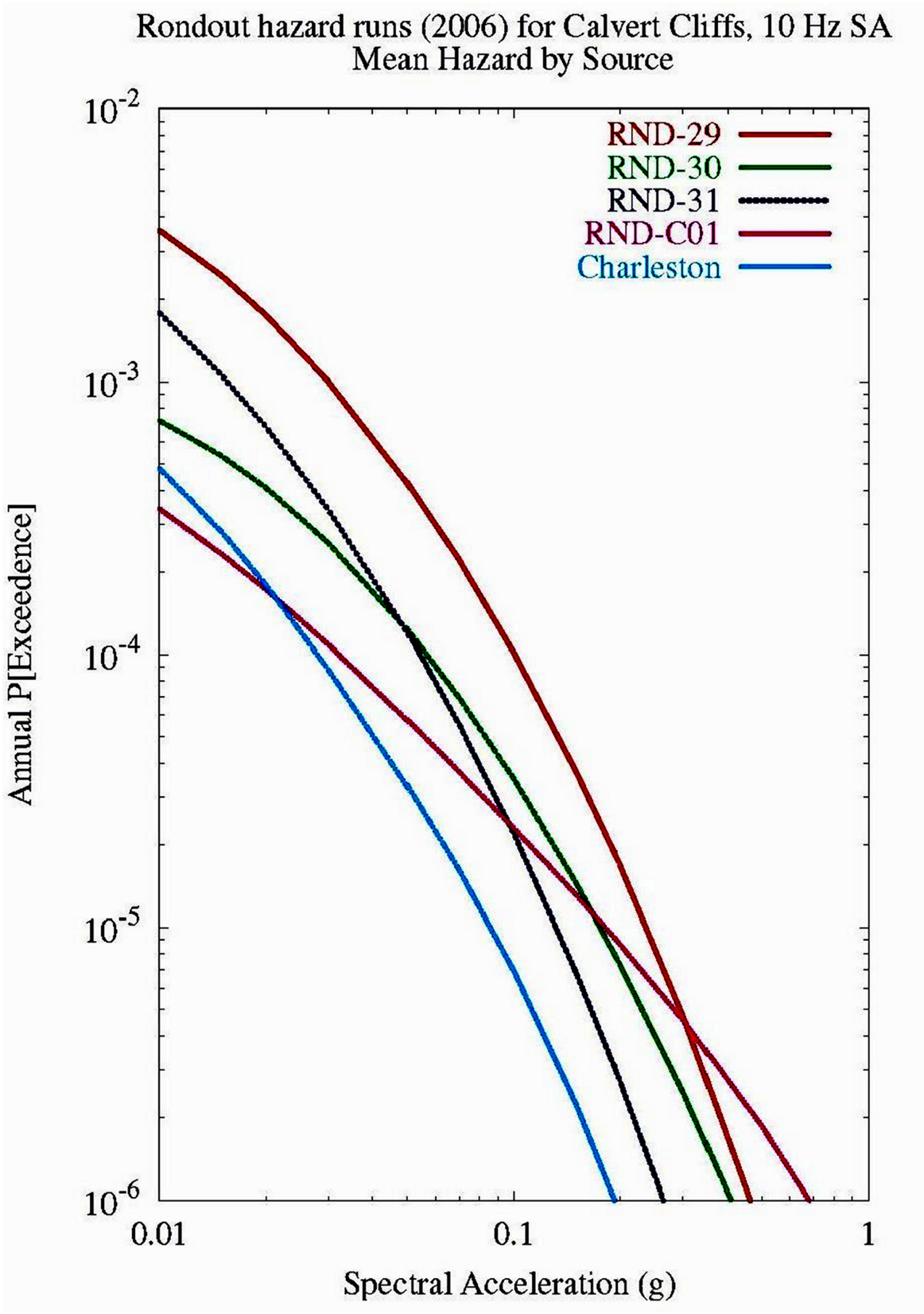
**Figure 2.5-91—{Mean Seismic Hazard by Source for Rondout Team, 10 Hz Spectral Acceleration}**





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