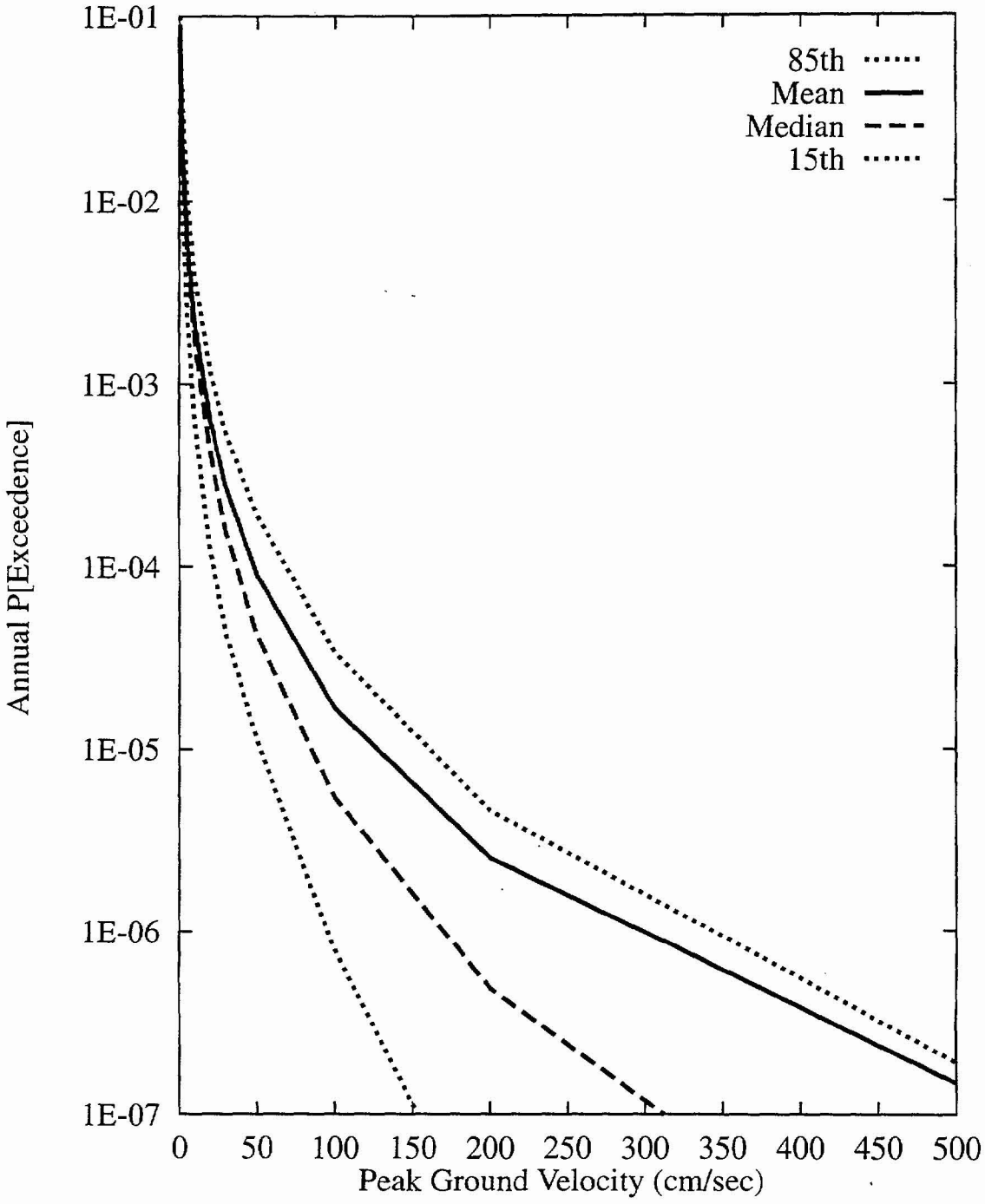


Figure 7-7 Integrated seismic hazard results: summary hazard curves for horizontal PGV

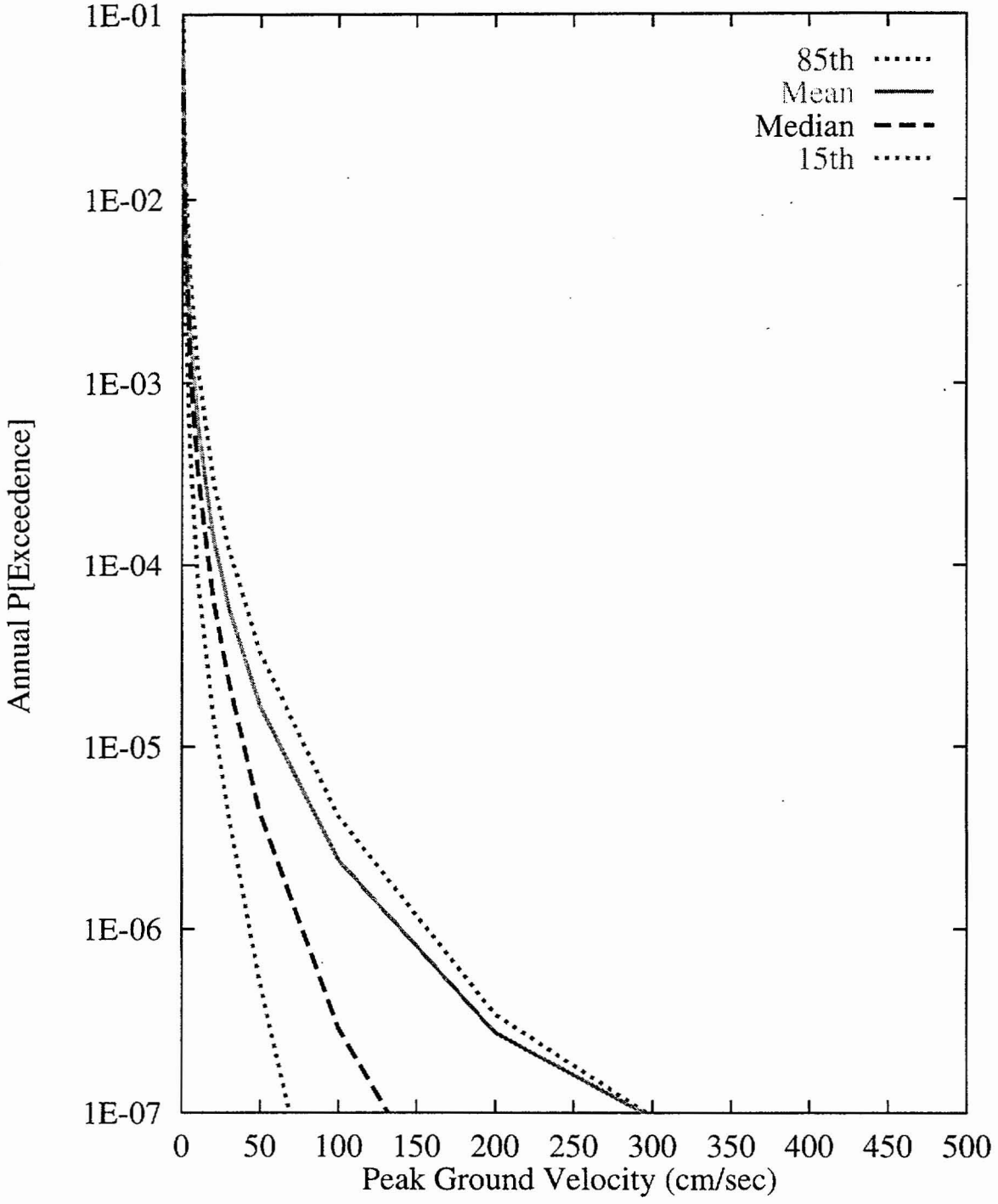


Figure 7-8 Integrated seismic hazard results: summary hazard curves for vertical PGV

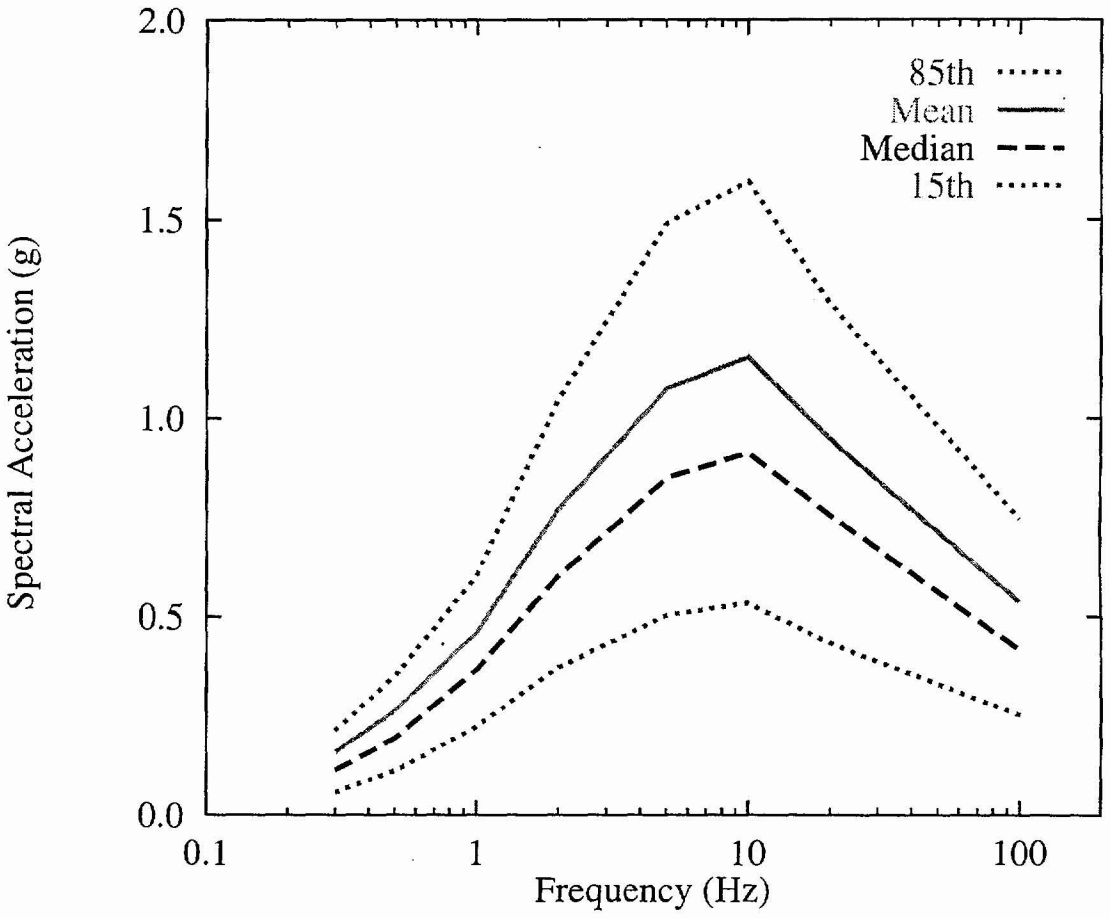


Figure 7-9 Integrated seismic hazard results: horizontal uniform hazard spectrum (UHS) for 10^{-4} exceedence probability

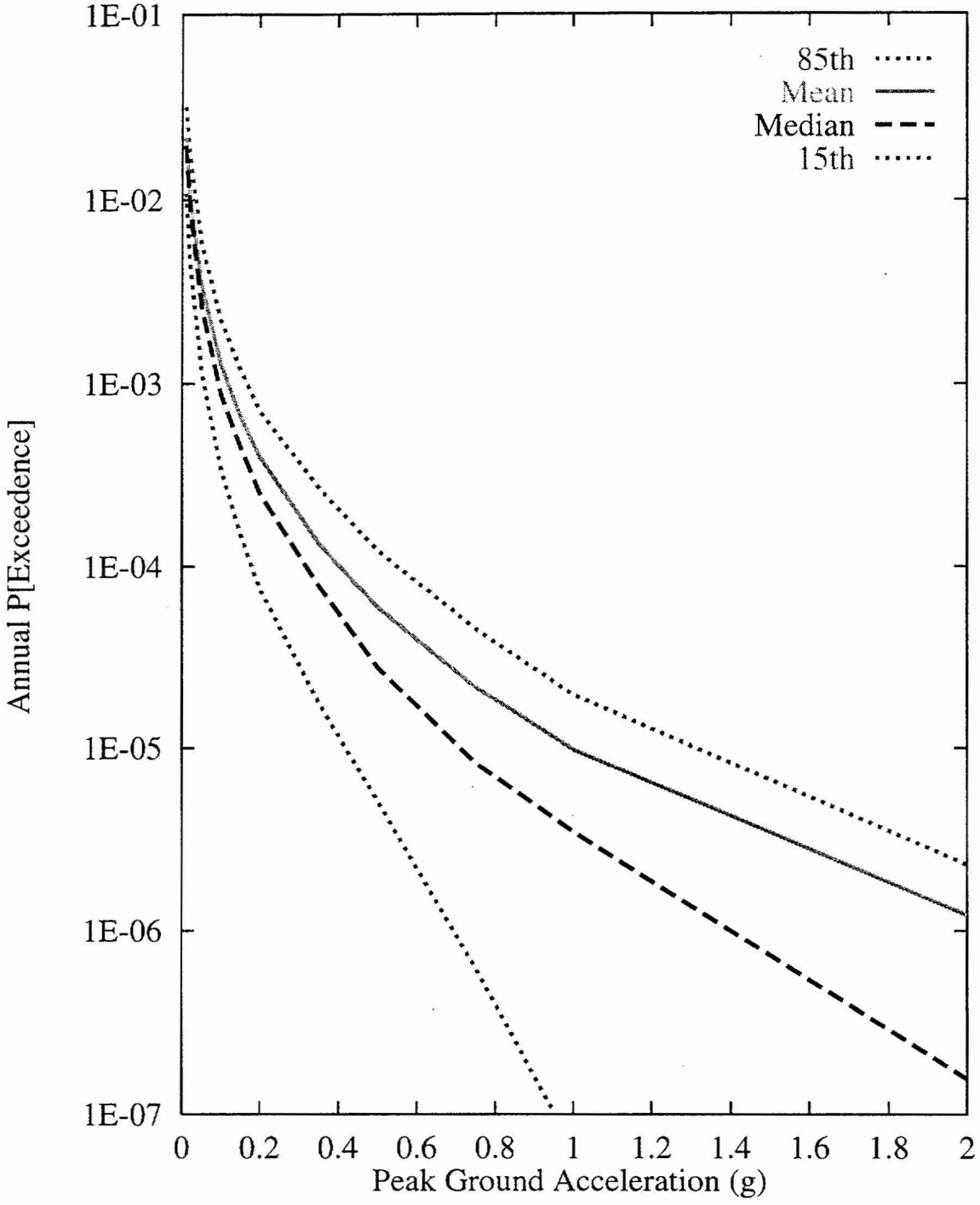


Figure 7-10 Integrated seismic hazard results: summary hazard curves for vertical PGA

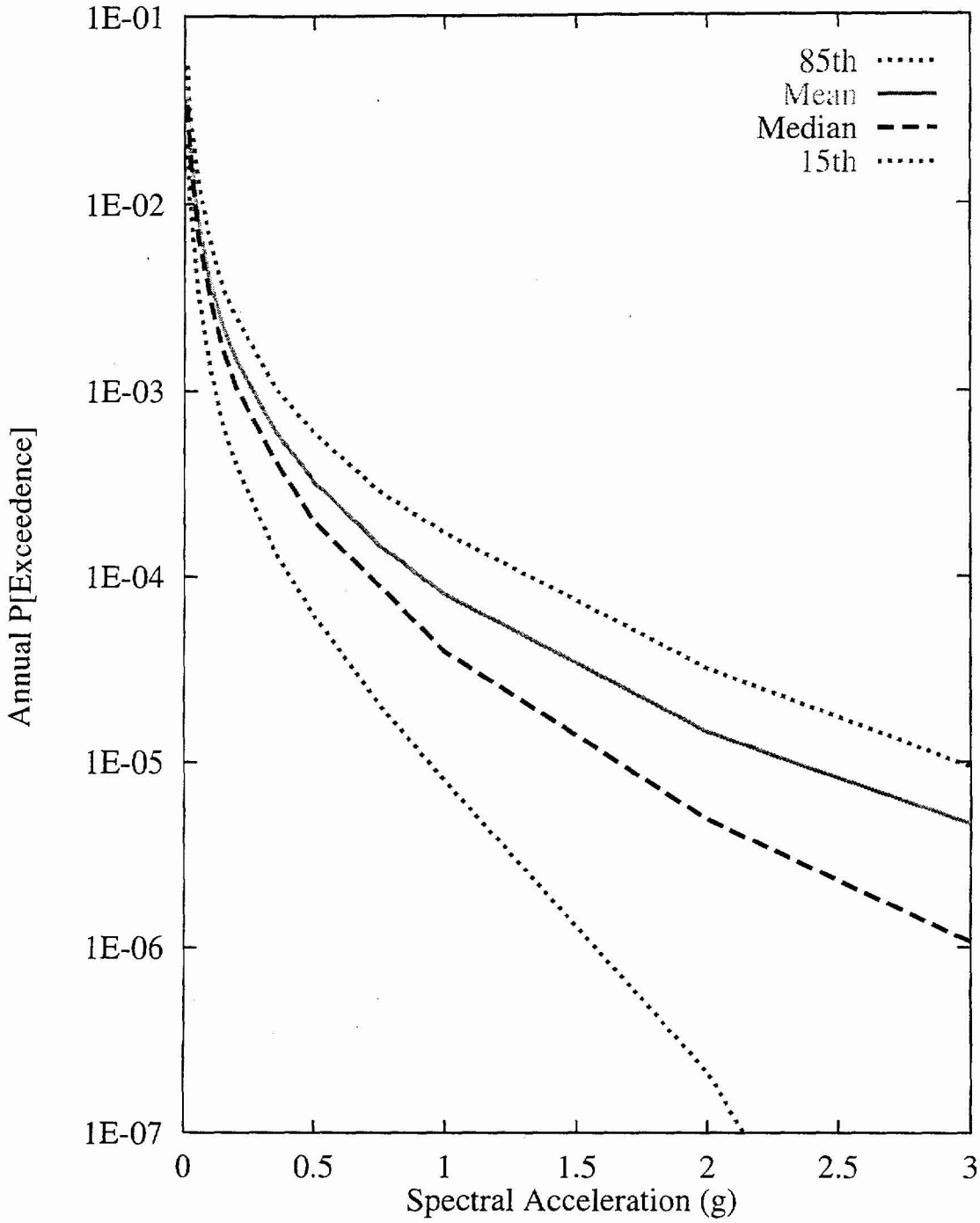


Figure 7-11 Integrated seismic hazard results: summary hazard curves for 10-Hz vertical spectral acceleration

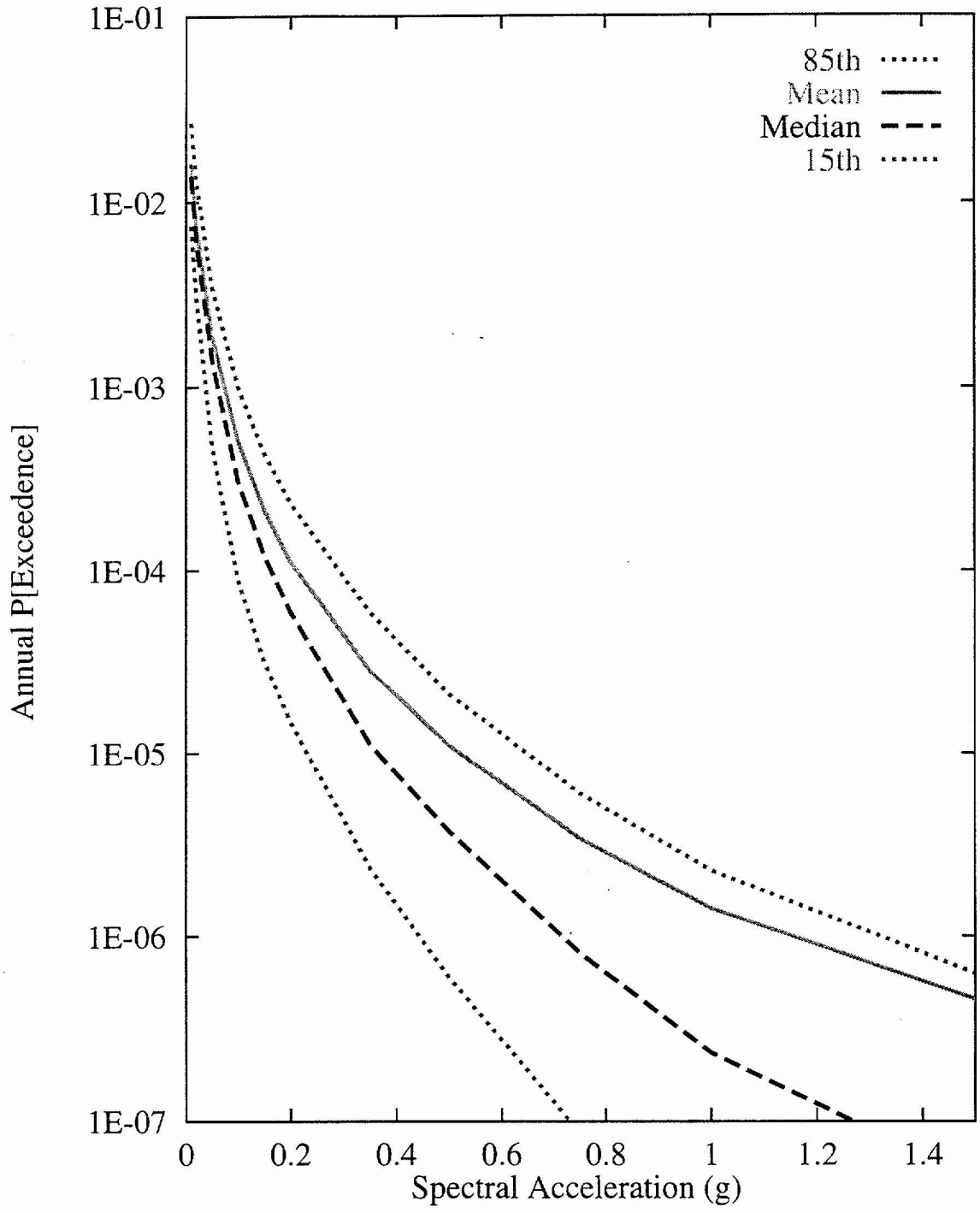


Figure 7-12 Integrated seismic hazard results: summary hazard curves for 1-Hz vertical spectral acceleration

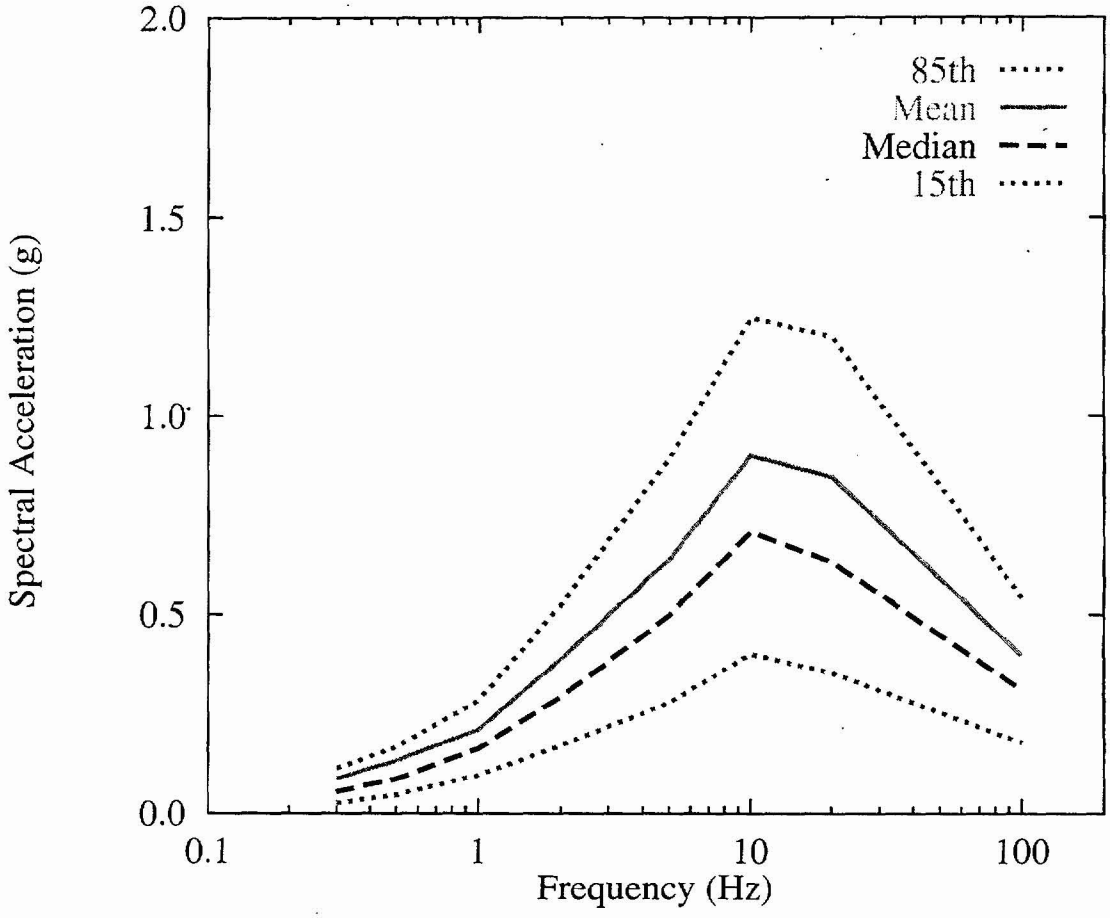


Figure 7-13 Integrated seismic hazard results: vertical uniform hazard spectrum (UHS) for 10^{-4} exceedence probability

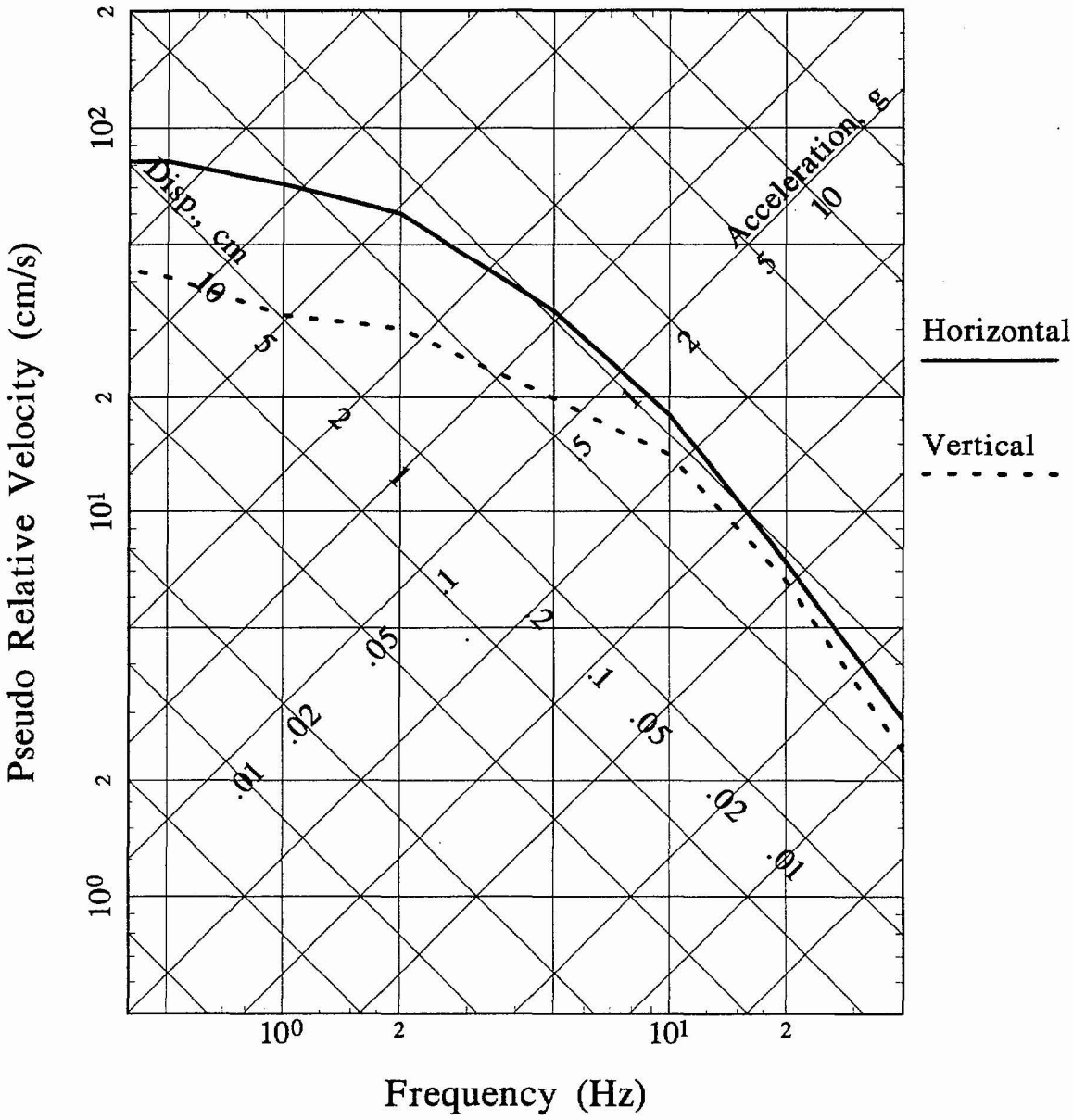


Figure 7-14 Integrated seismic hazard results: uniform hazard spectra for 10^{-4} exceedence probability shown in tripartite scale

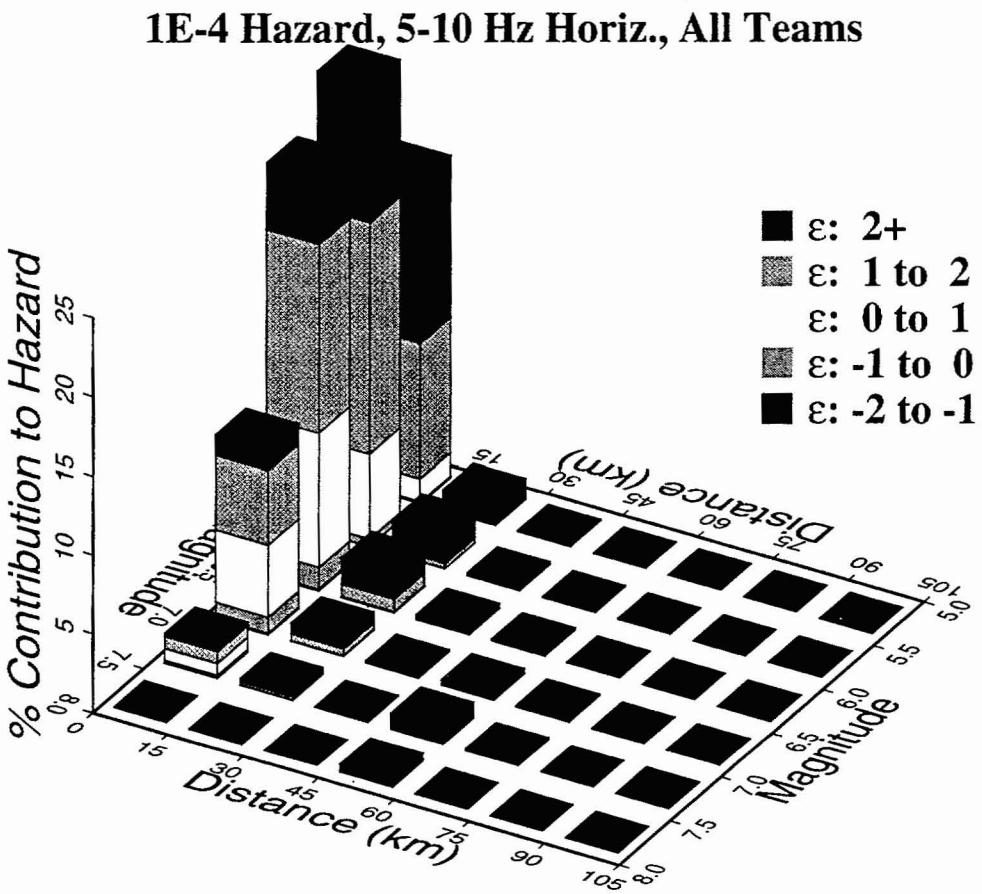


Figure 7-15 Magnitude-distance-epsilon deaggregation of integrated seismic hazard for 5- and 10-Hz horizontal spectral acceleration at 10^{-4} exceedence probability

1E-4 Hazard, 1-2 Hz Horiz., All Teams

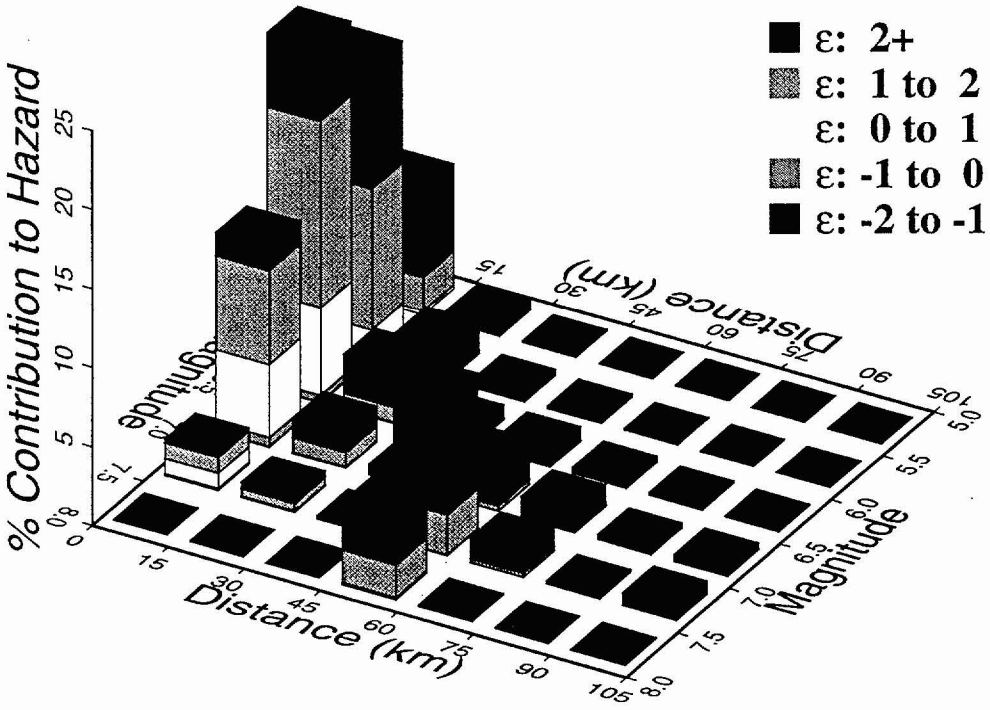


Figure 7-16 Magnitude-distance-epsilon deaggregation of integrated seismic hazard for 1- and 2-Hz horizontal spectral acceleration at 10^{-4} exceedence probability

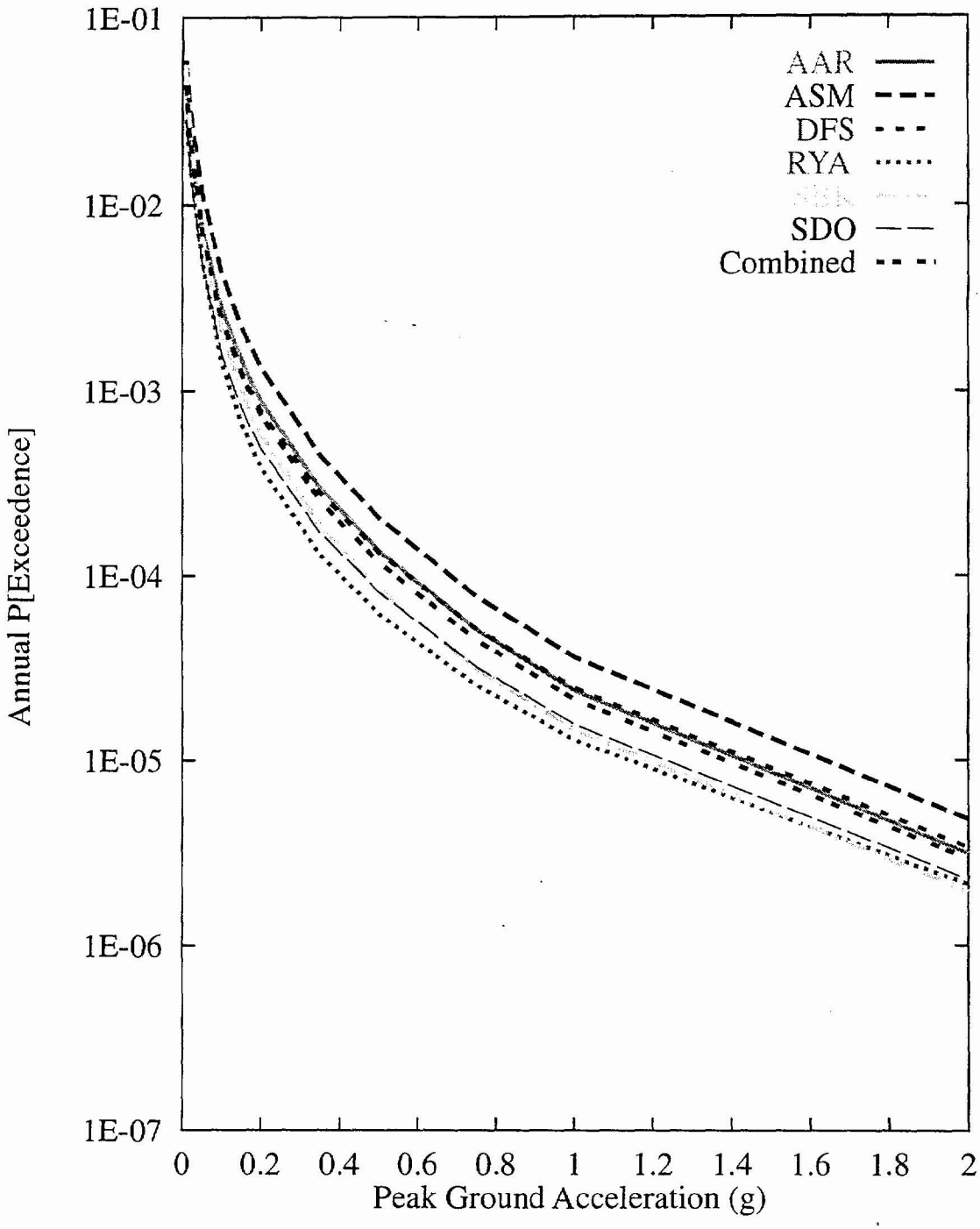


Figure 7-17 Mean hazard by team for horizontal PGA

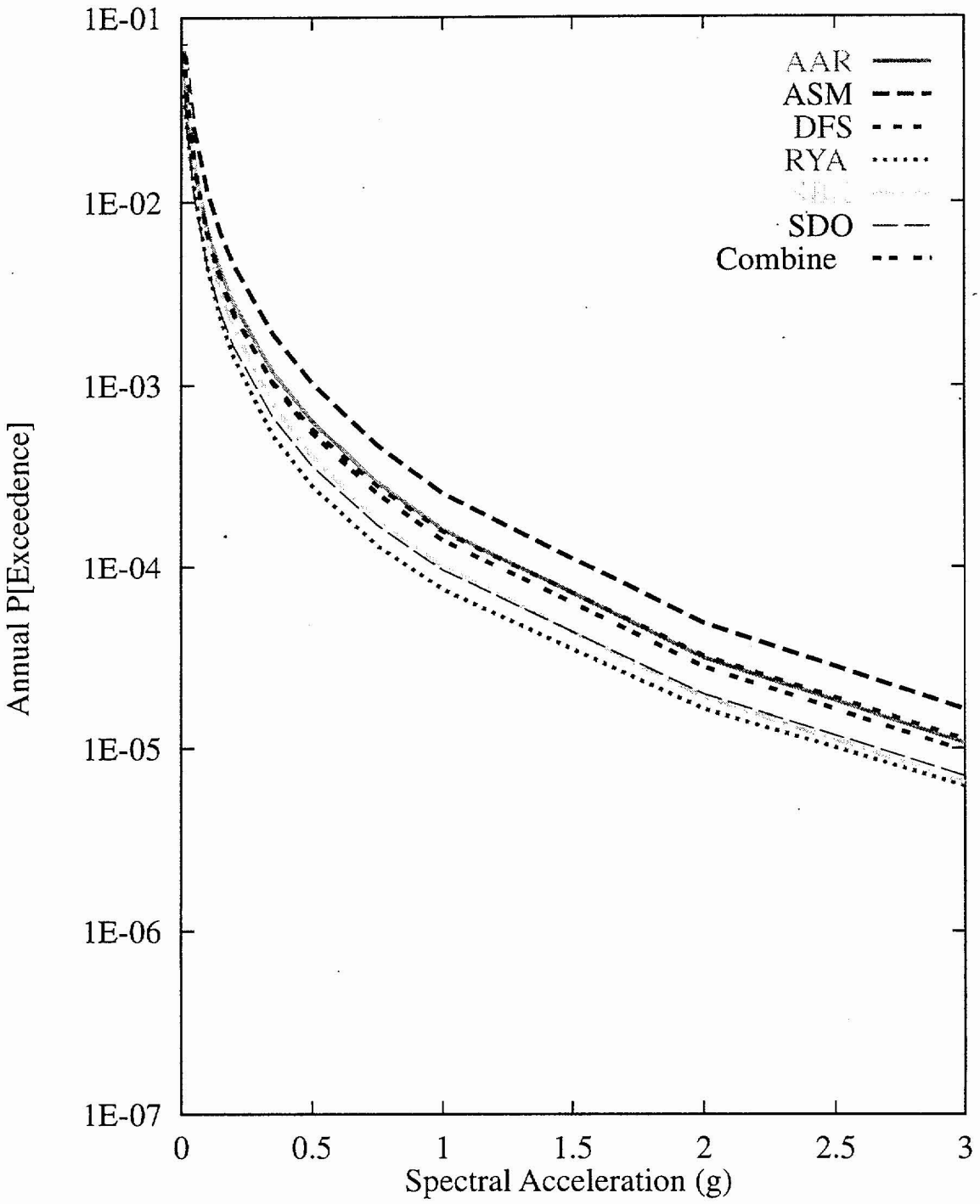


Figure 7-18 Mean hazard by team for 10-Hz horizontal spectral acceleration

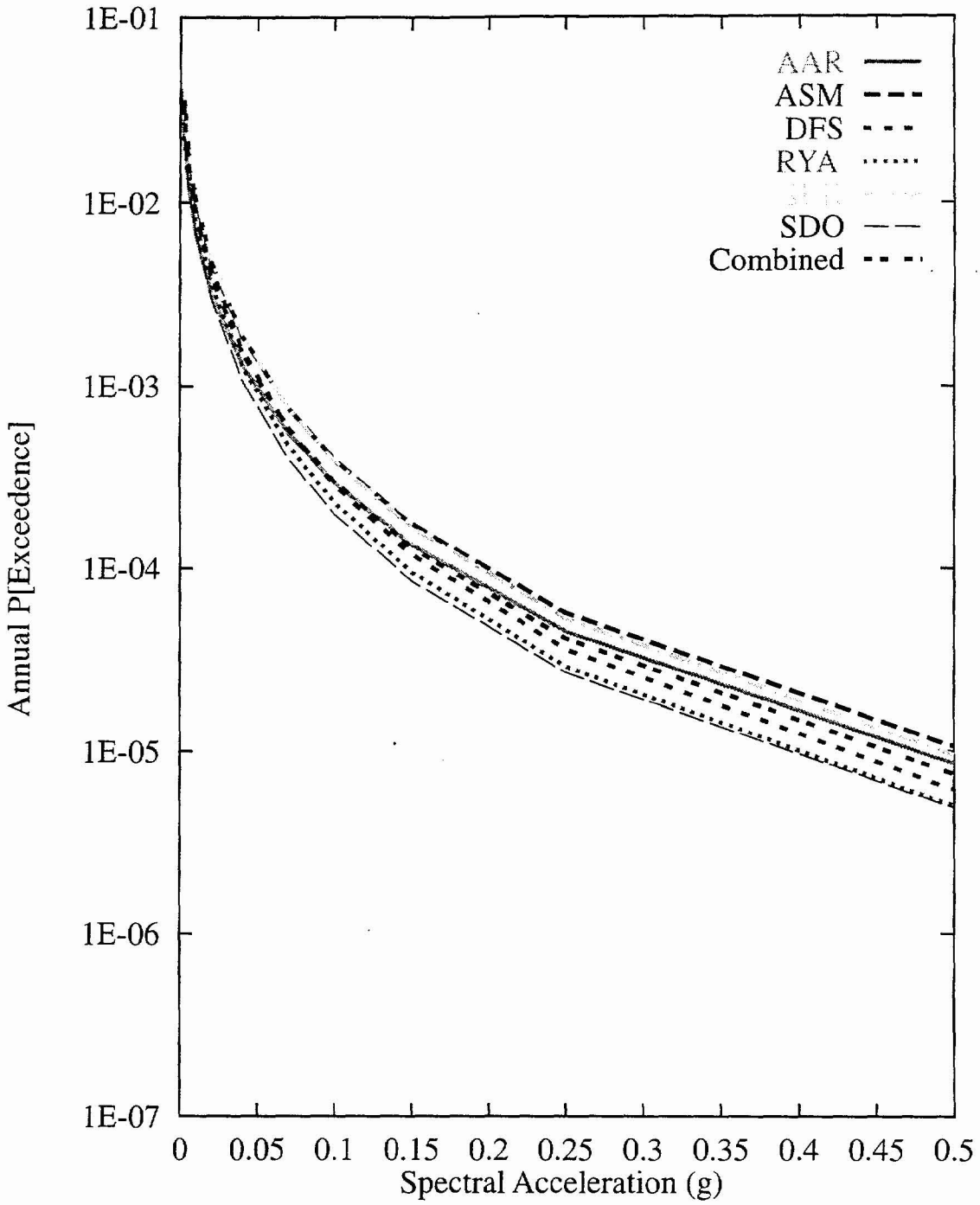


Figure 7-19 Mean hazard by team for 1-Hz horizontal spectral acceleration

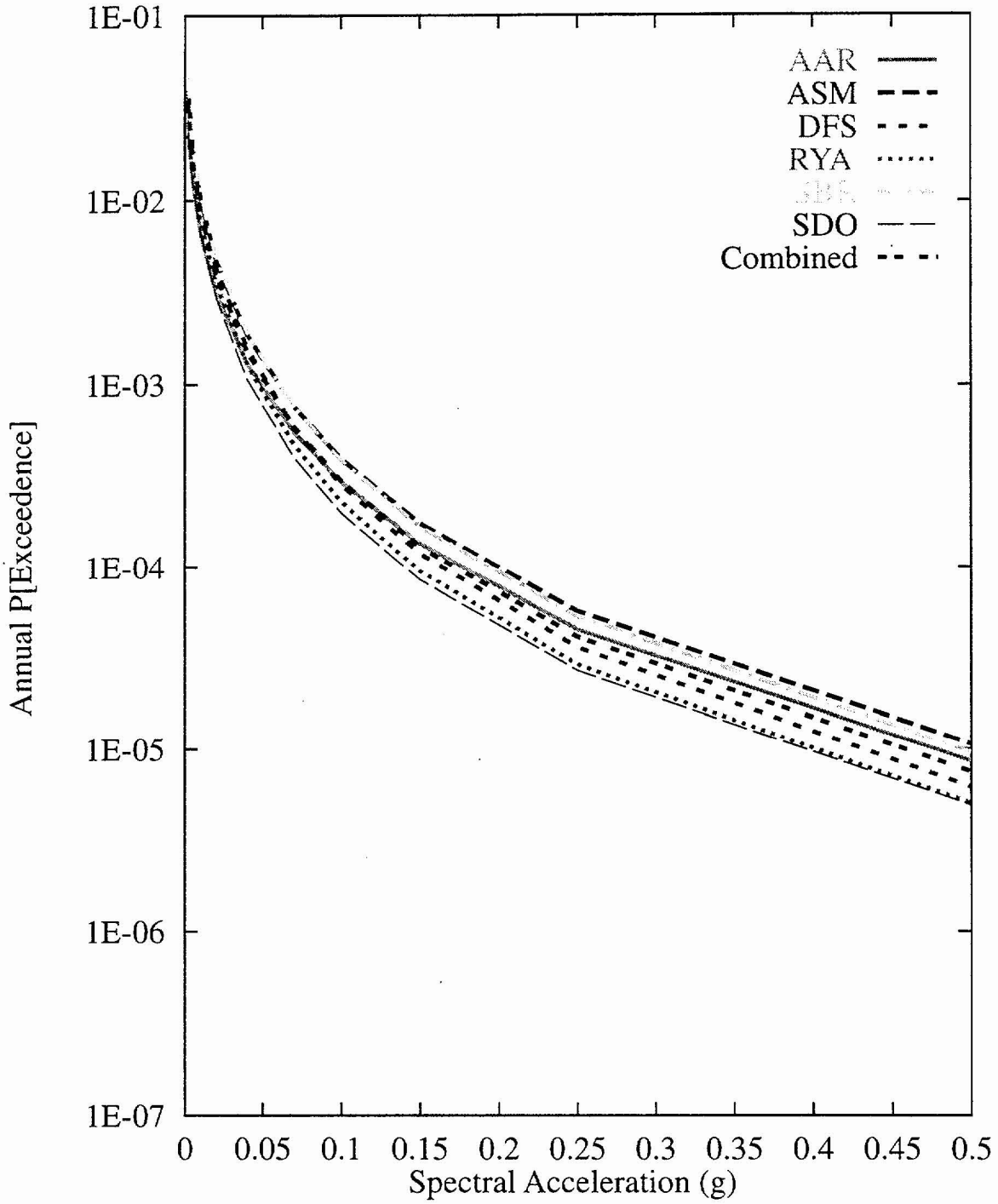


Figure 7-20 Mean hazard by team for 0.3-Hz horizontal spectral acceleration

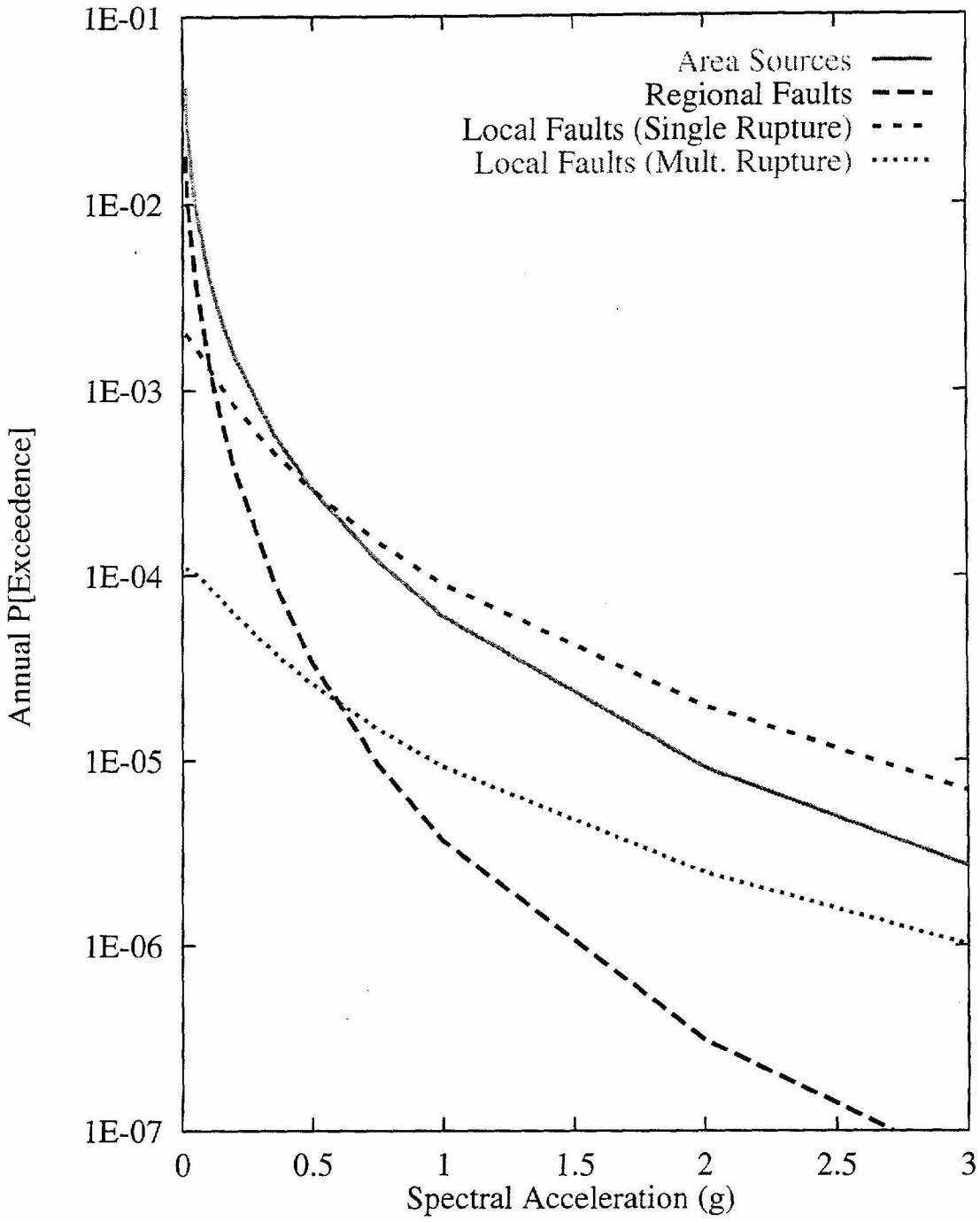


Figure 7-21 Contributions of source type to the mean hazard: AAR team, 10-Hz horizontal spectral acceleration

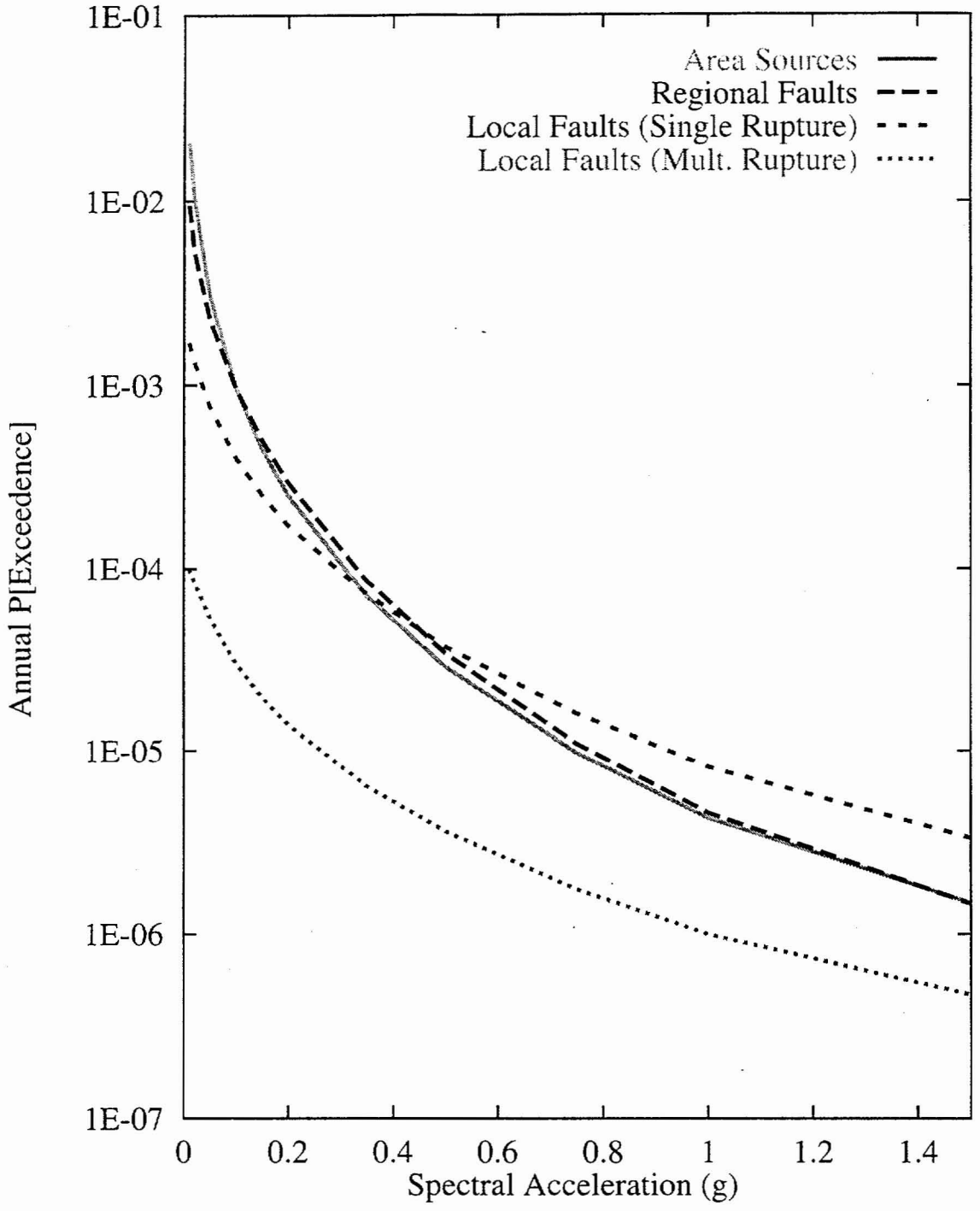


Figure 7-22 Contributions of source type to the mean hazard: AAR team, 1-Hz horizontal spectral acceleration

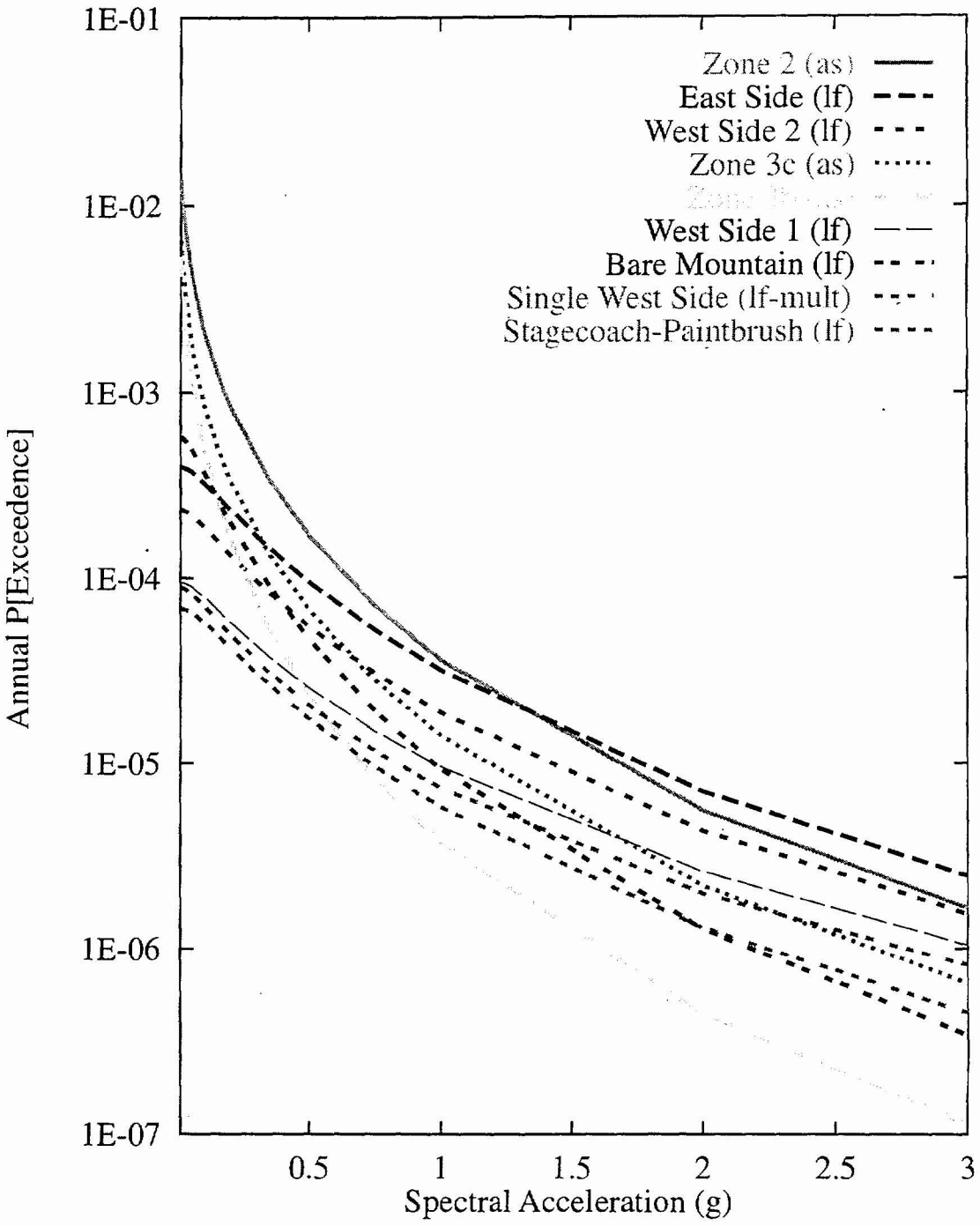


Figure 7-23 Mean seismic hazard from dominant seismic sources: AAR team, 10-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; lf-local fault; and mult-multiple fault rupture.

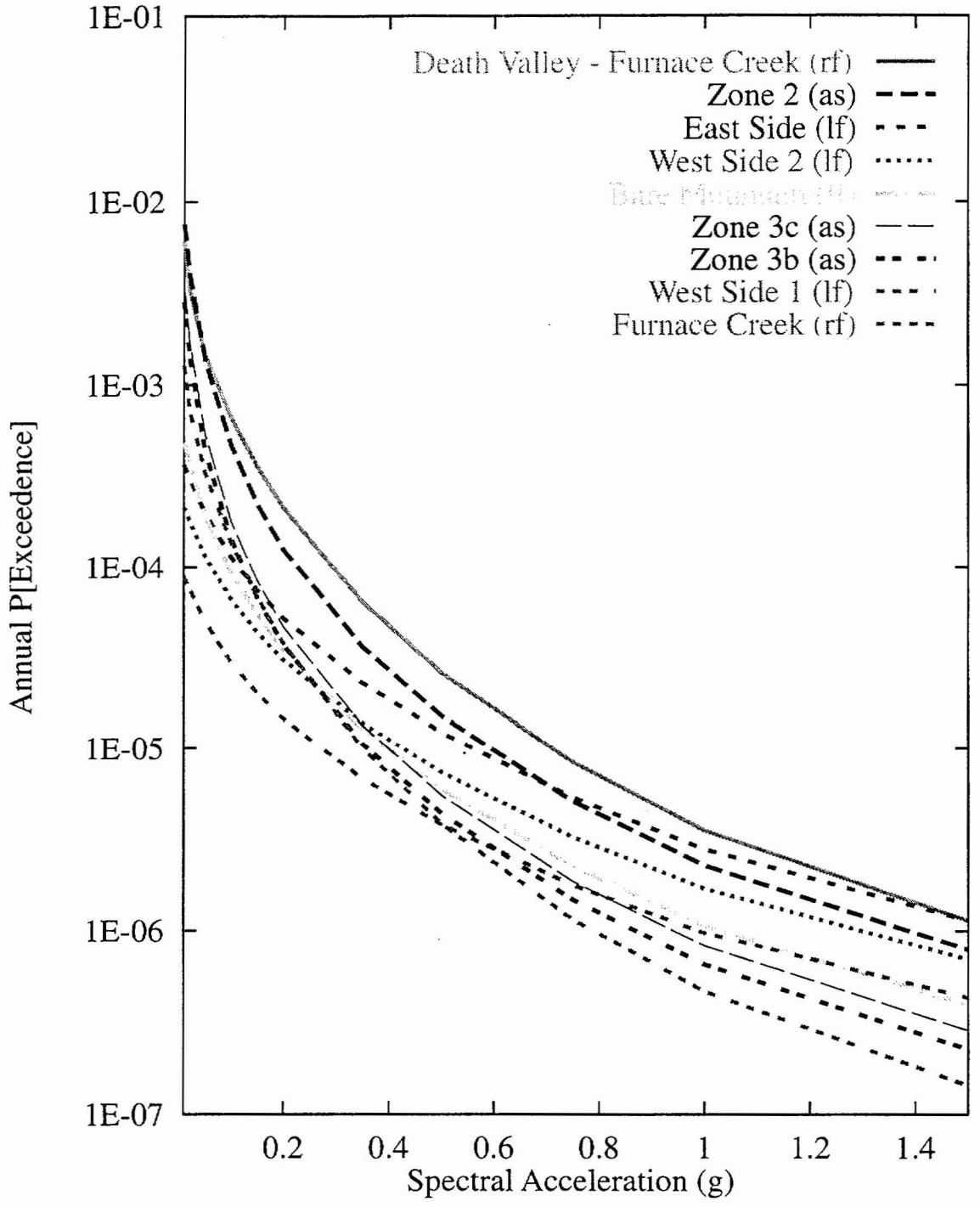
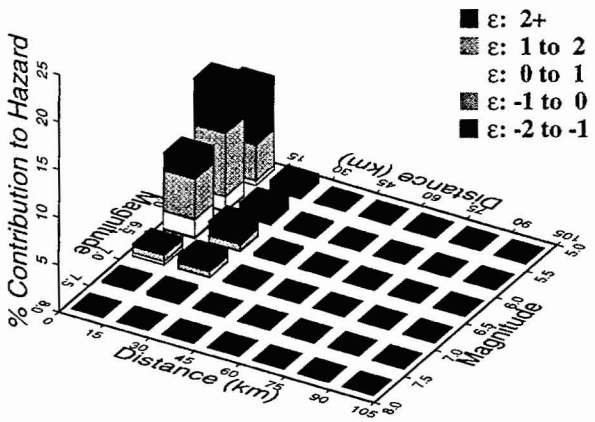
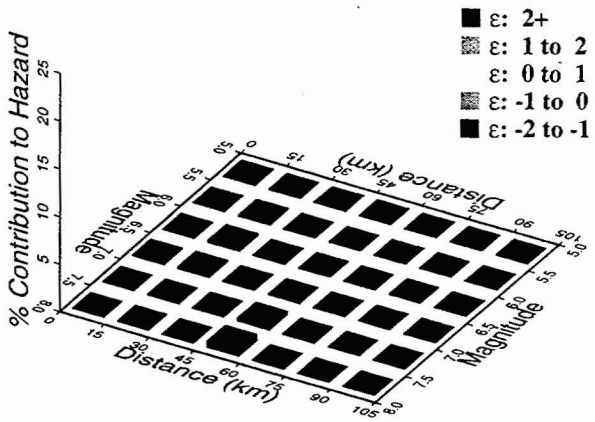


Figure 7-24 Mean seismic hazard from dominant seismic sources: AAR team, 1-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; rf-regional fault; and lf-local fault.

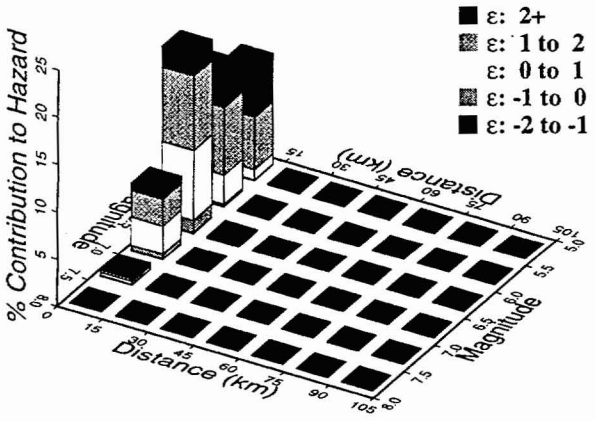
10 Hz, AAR Area Sources



10 Hz, AAR Regional Faults



10 Hz, AAR Local Faults (Single)



10 Hz, AAR Local Faults (Mult.)

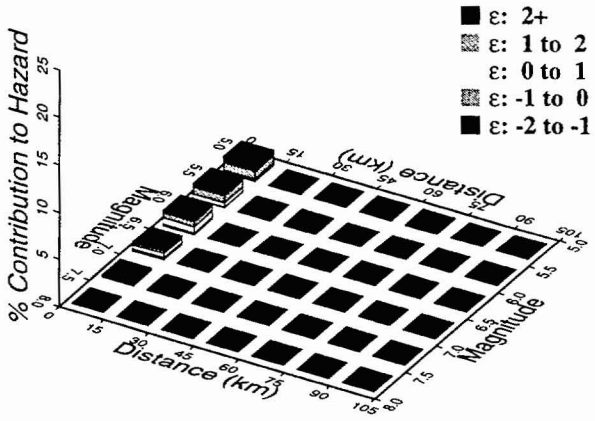


Figure 7-25 Magnitude-distance-epsilon distributions for the four source types: AAR team, 10-Hz horizontal spectral acceleration

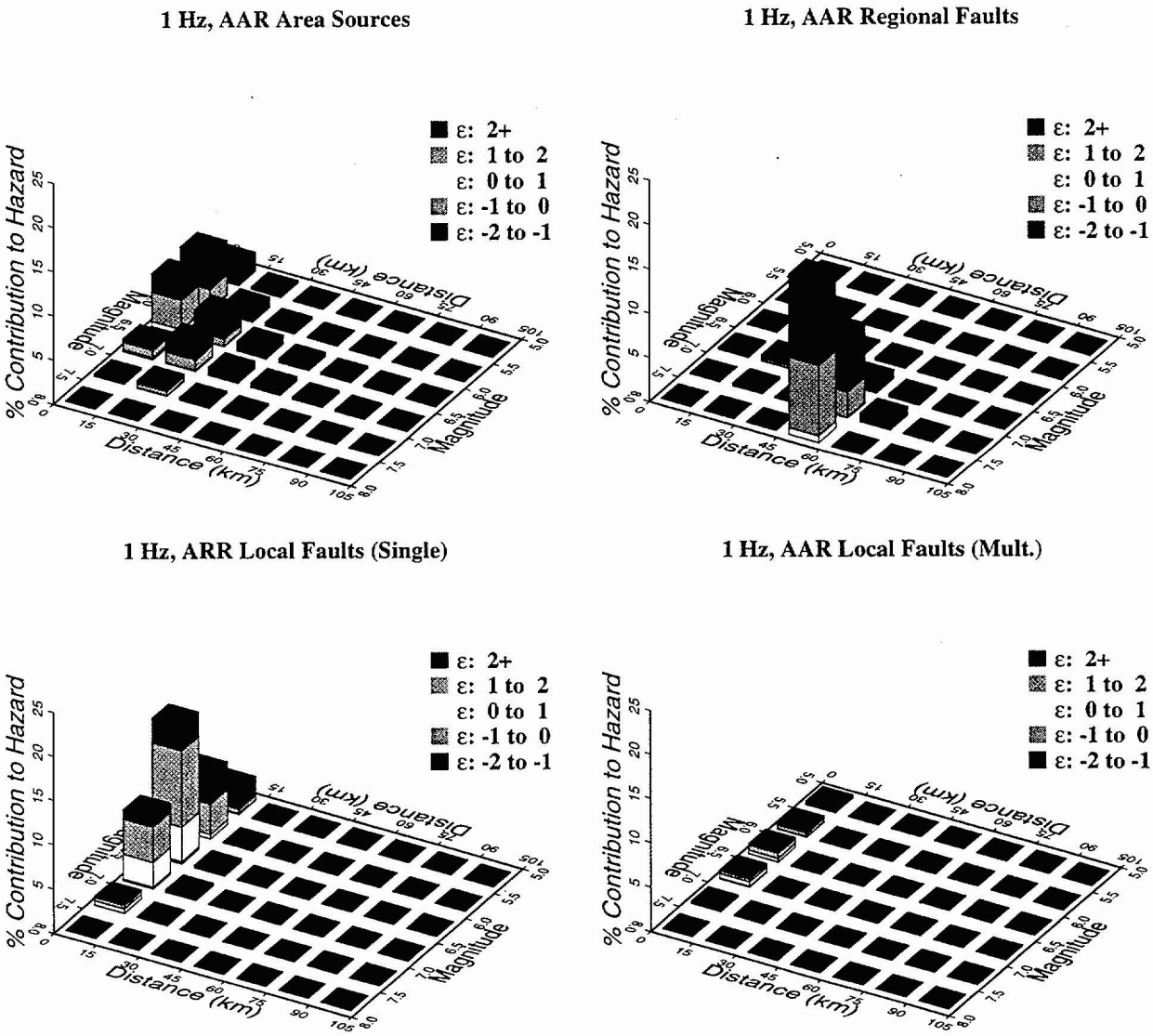


Figure 7-26 Magnitude-distance-epsilon distributions for the four source types: AAR team, 1-Hz horizontal spectral acceleration

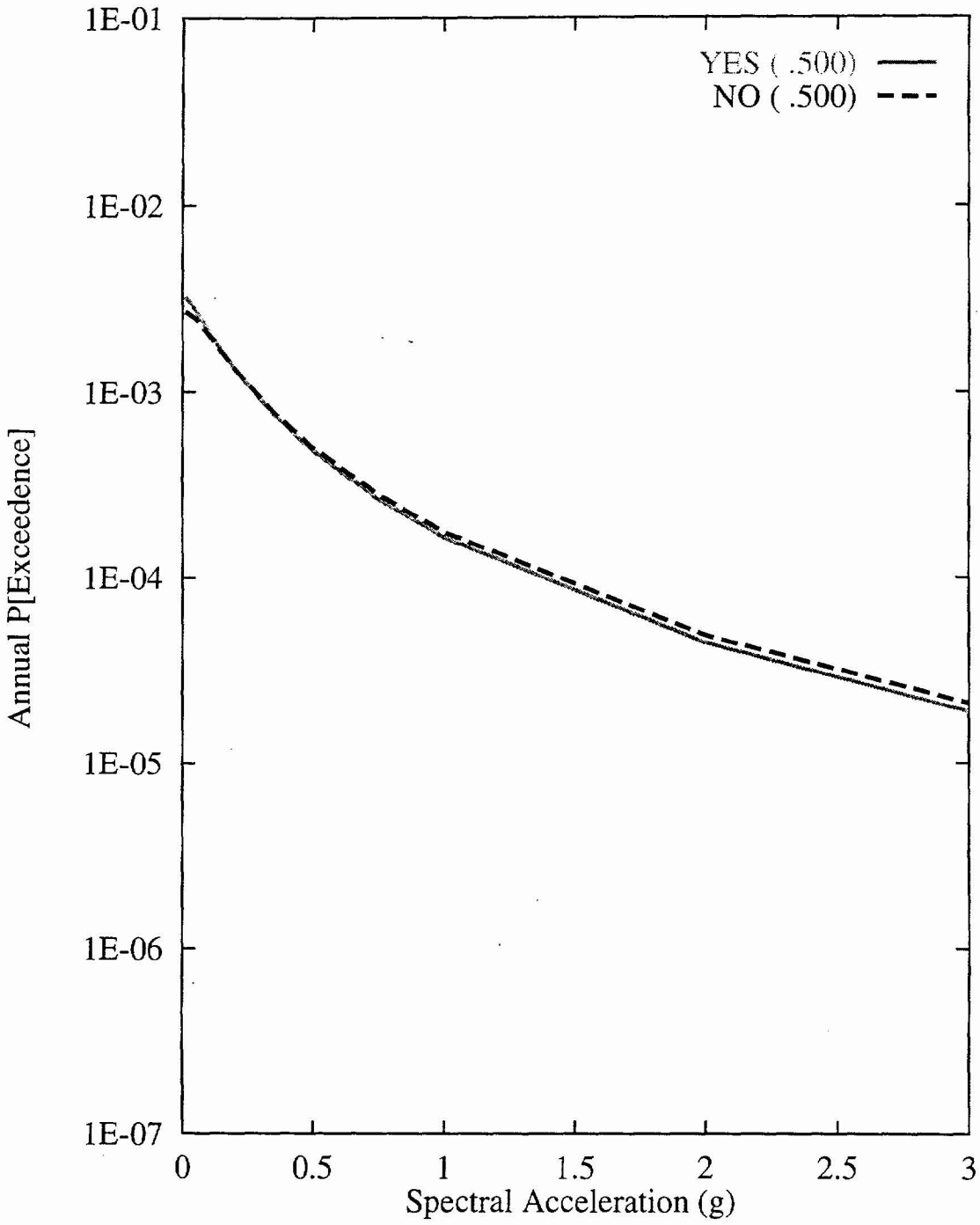


Figure 7-27 Sensitivity of seismic hazard from local faults to presence of dextral shear: AAR team, 10-Hz horizontal spectral acceleration

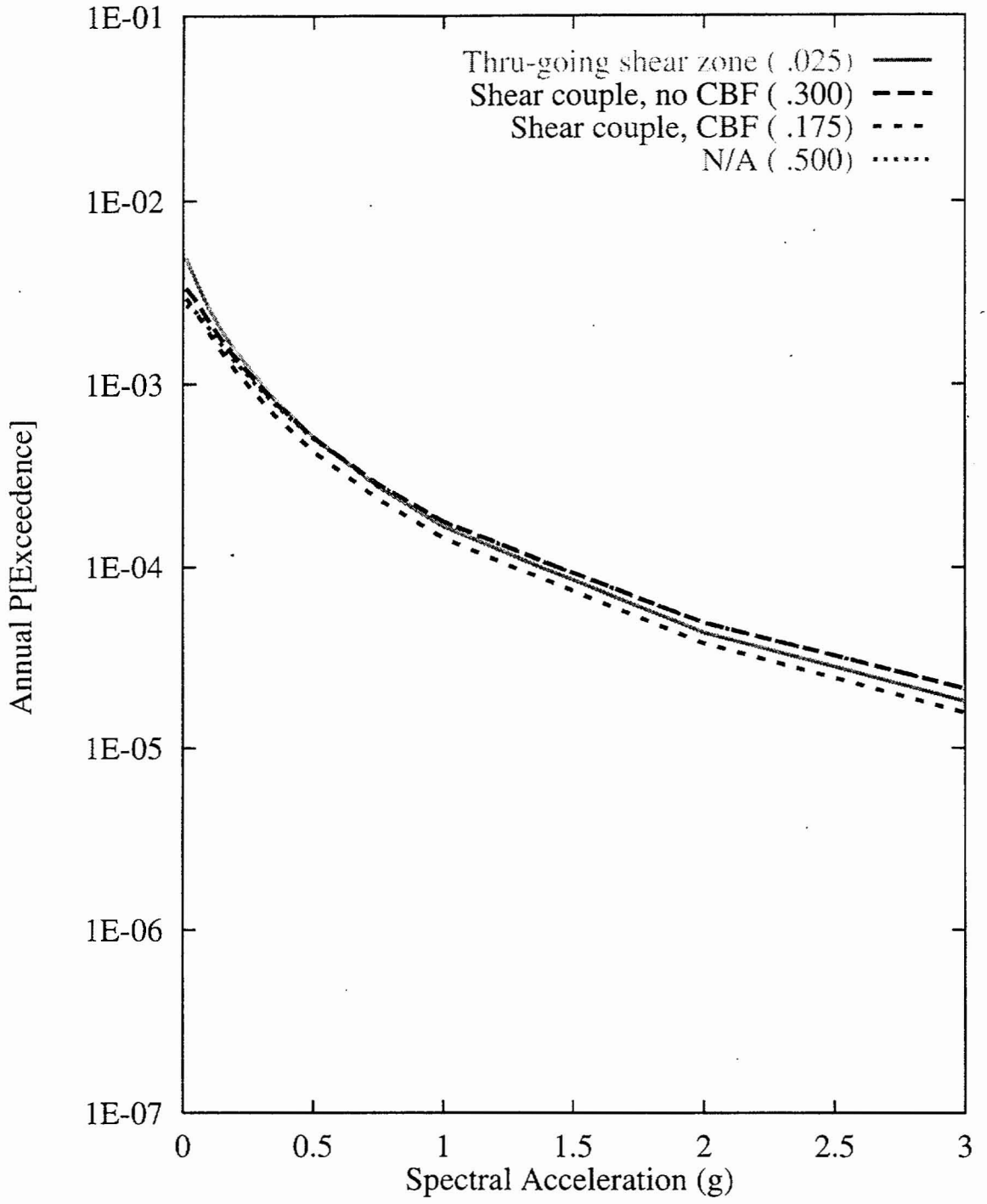


Figure 7-28 Sensitivity of seismic hazard from local faults to type of dextral shear structure: AAR team, 10-Hz horizontal spectral acceleration

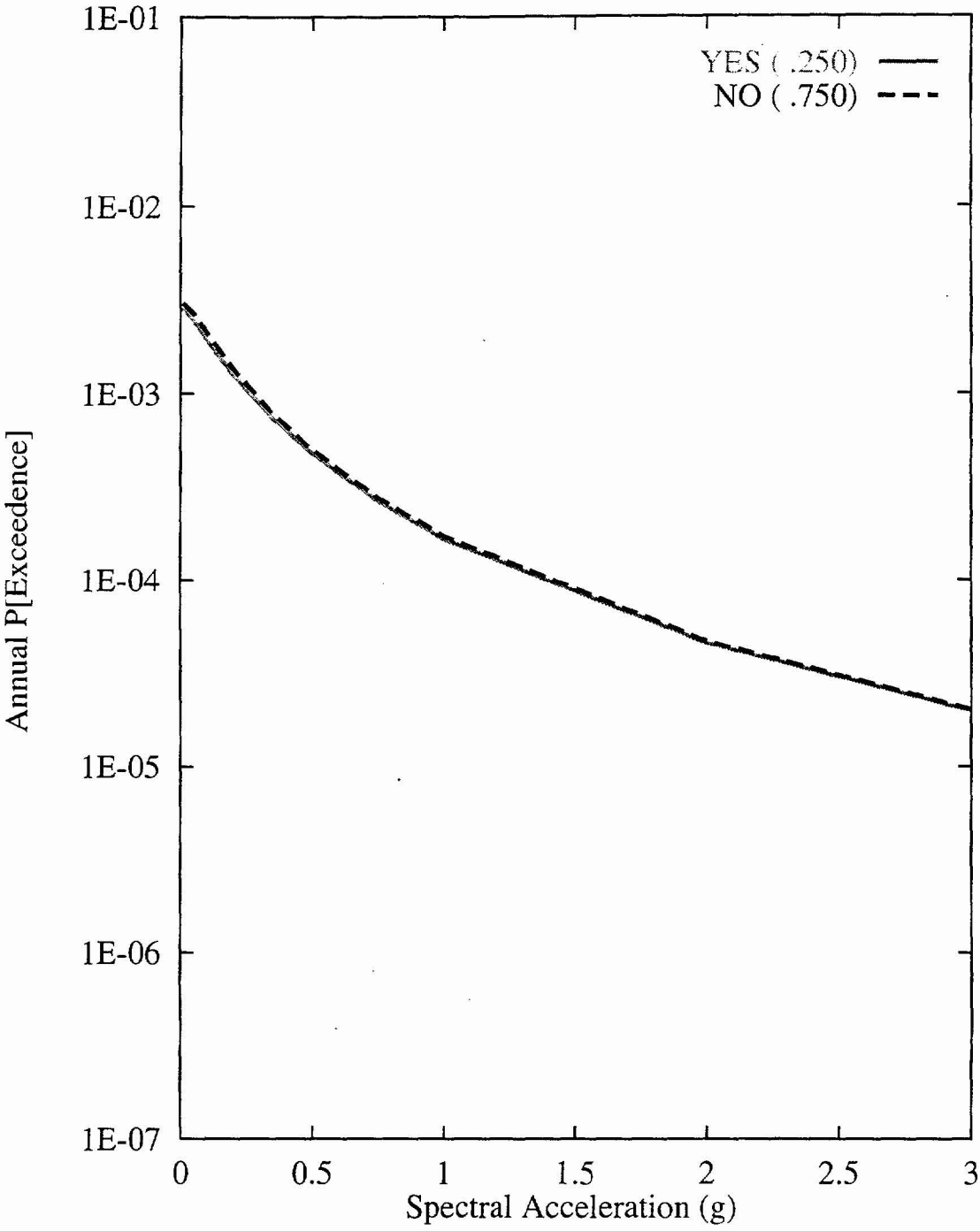


Figure 7-29 Sensitivity of seismic hazard from local faults to existence of local detachment: AAR team, 10-Hz horizontal spectral acceleration

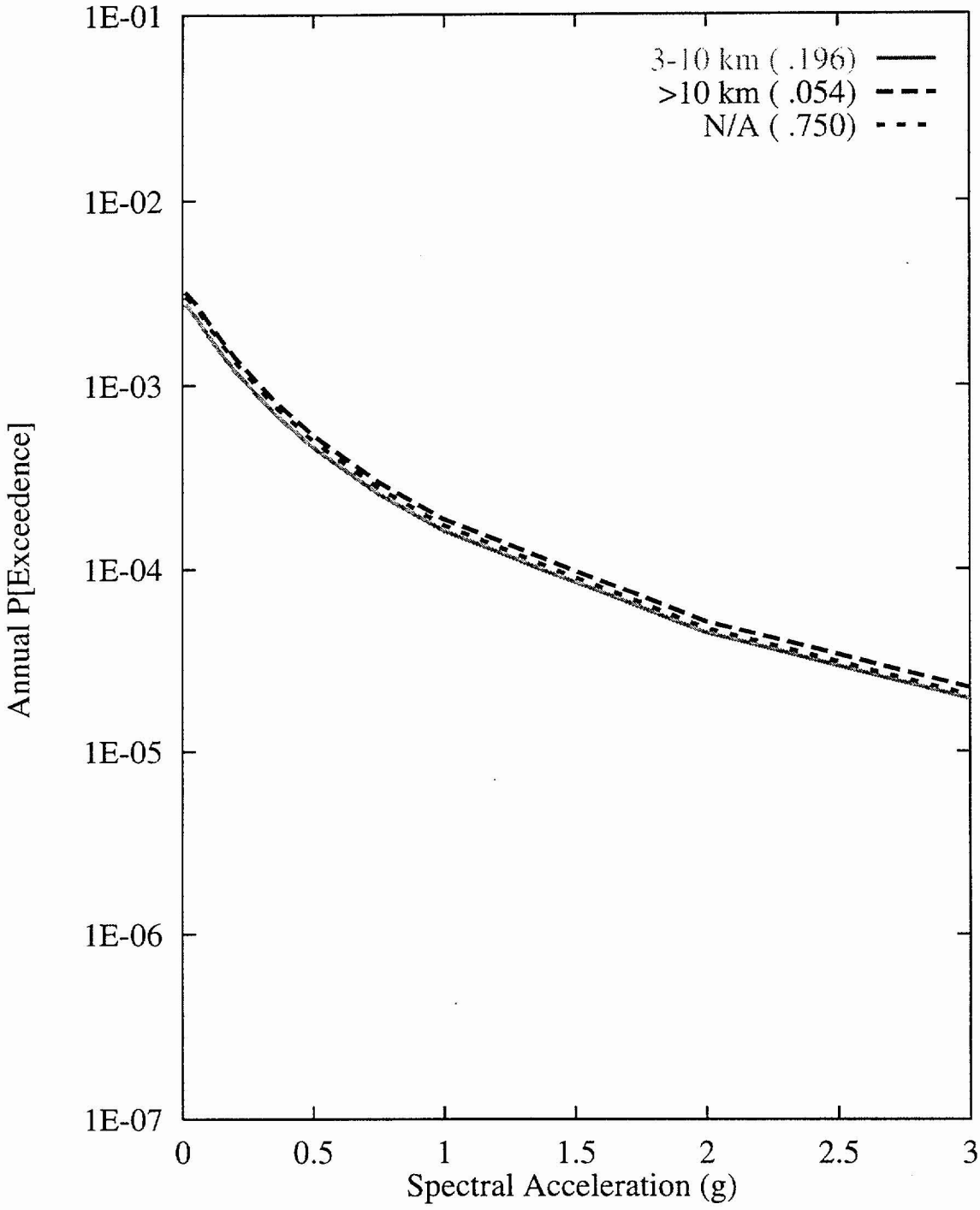


Figure 7-30 Sensitivity of seismic hazard from local faults to detachment depth: AAR team, 10-Hz horizontal spectral acceleration

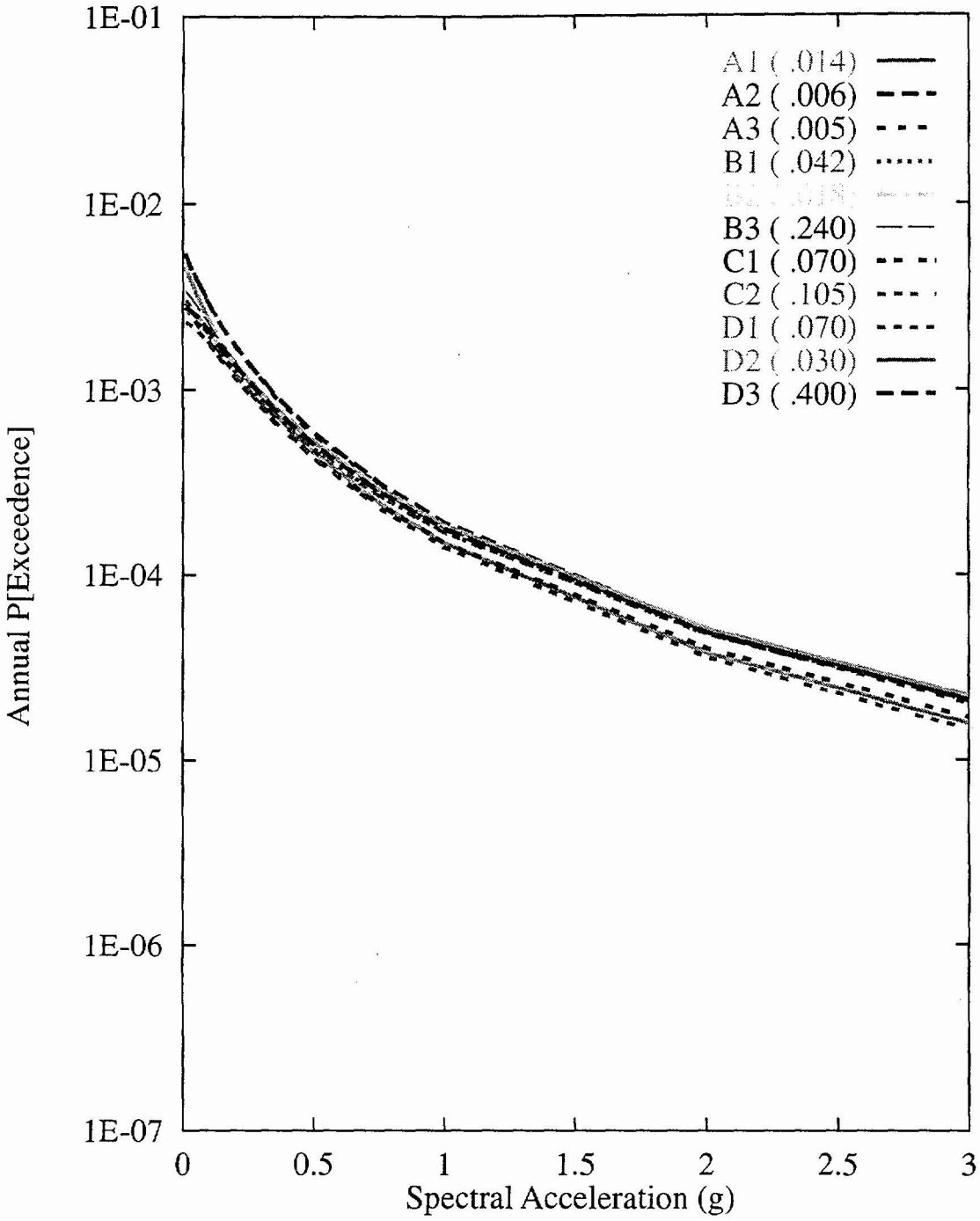


Figure 7-31 Sensitivity of seismic hazard from local faults to local fault scenarios: AAR team, 10-Hz horizontal spectral acceleration

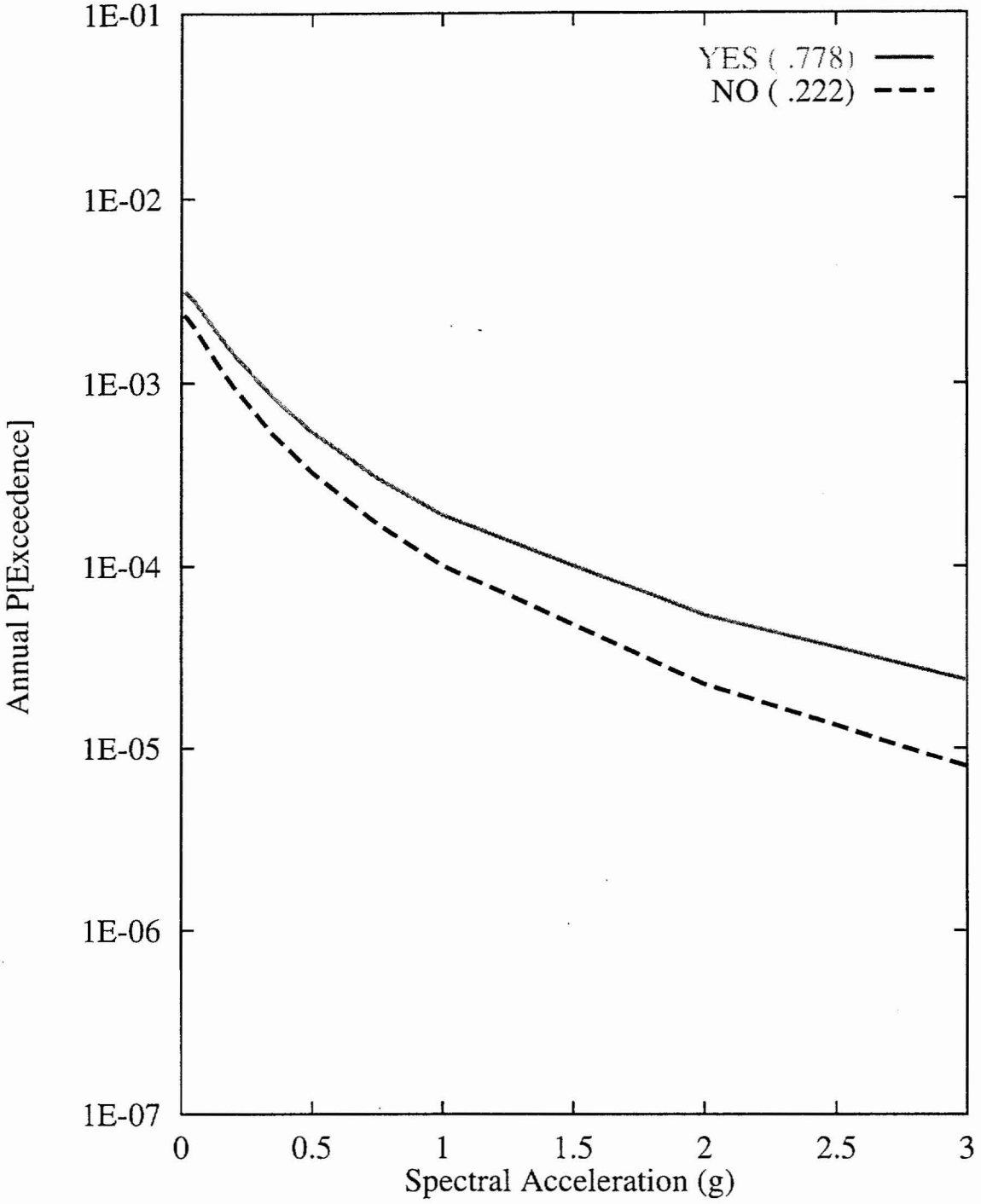


Figure 7-32 Sensitivity of seismic hazard from local faults to presence of coalescence: AAR team, 10-Hz horizontal spectral acceleration

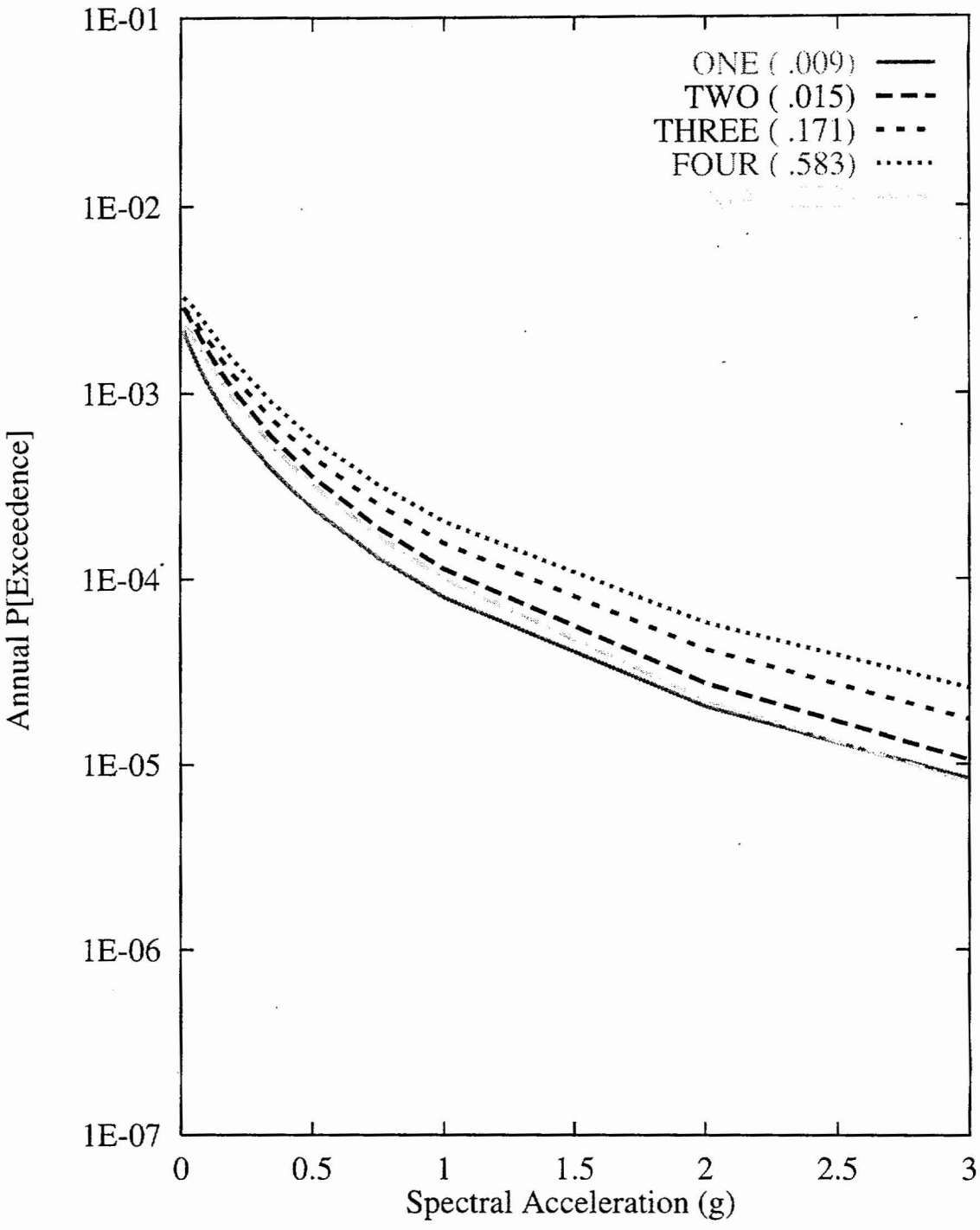


Figure 7-33 Sensitivity of seismic hazard from local faults to type of coalesced behavior: AAR team, 10-Hz horizontal spectral acceleration

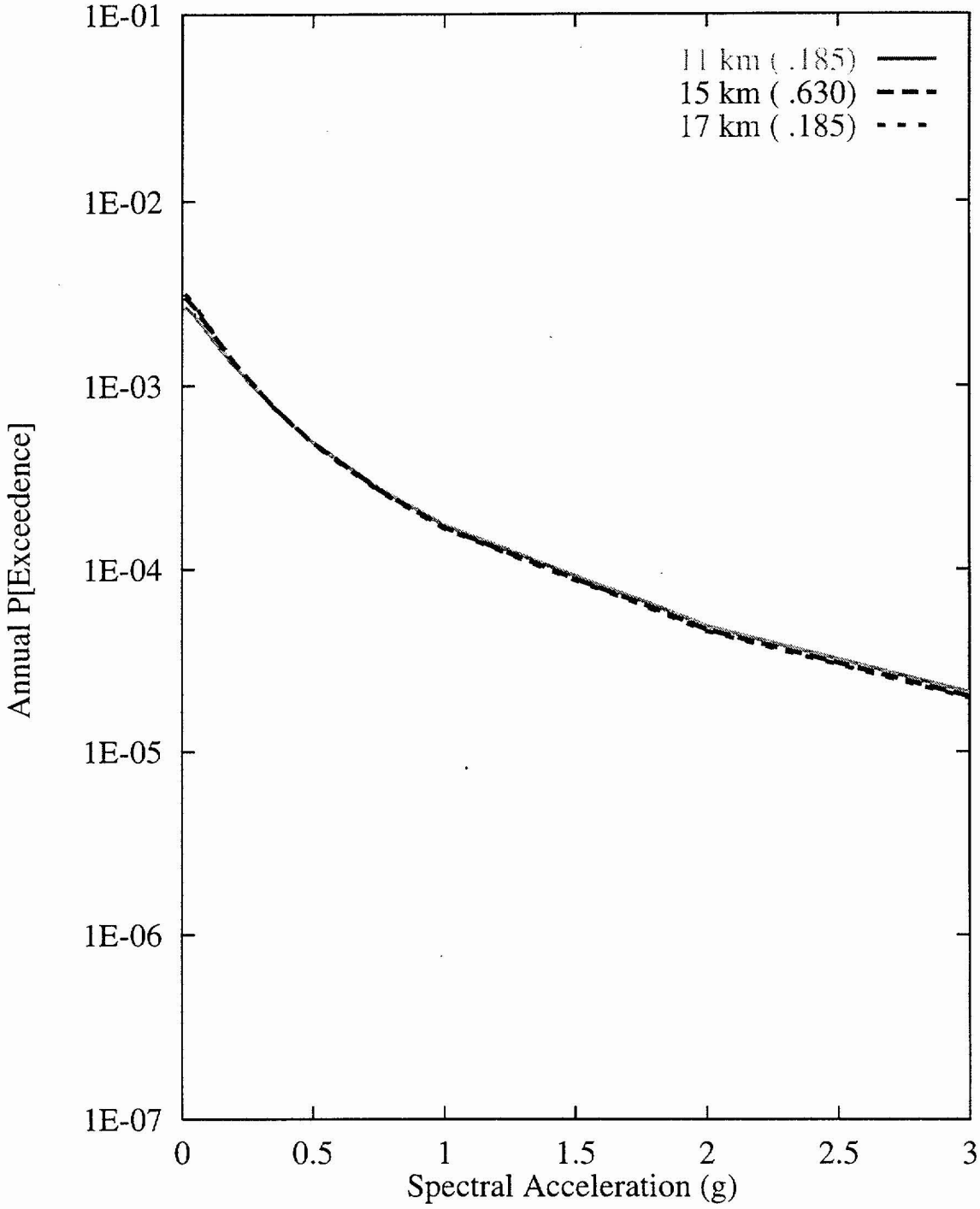


Figure 7-34 Sensitivity of seismic hazard from local faults to maximum fault depth: AAR team, 10-Hz horizontal spectral acceleration

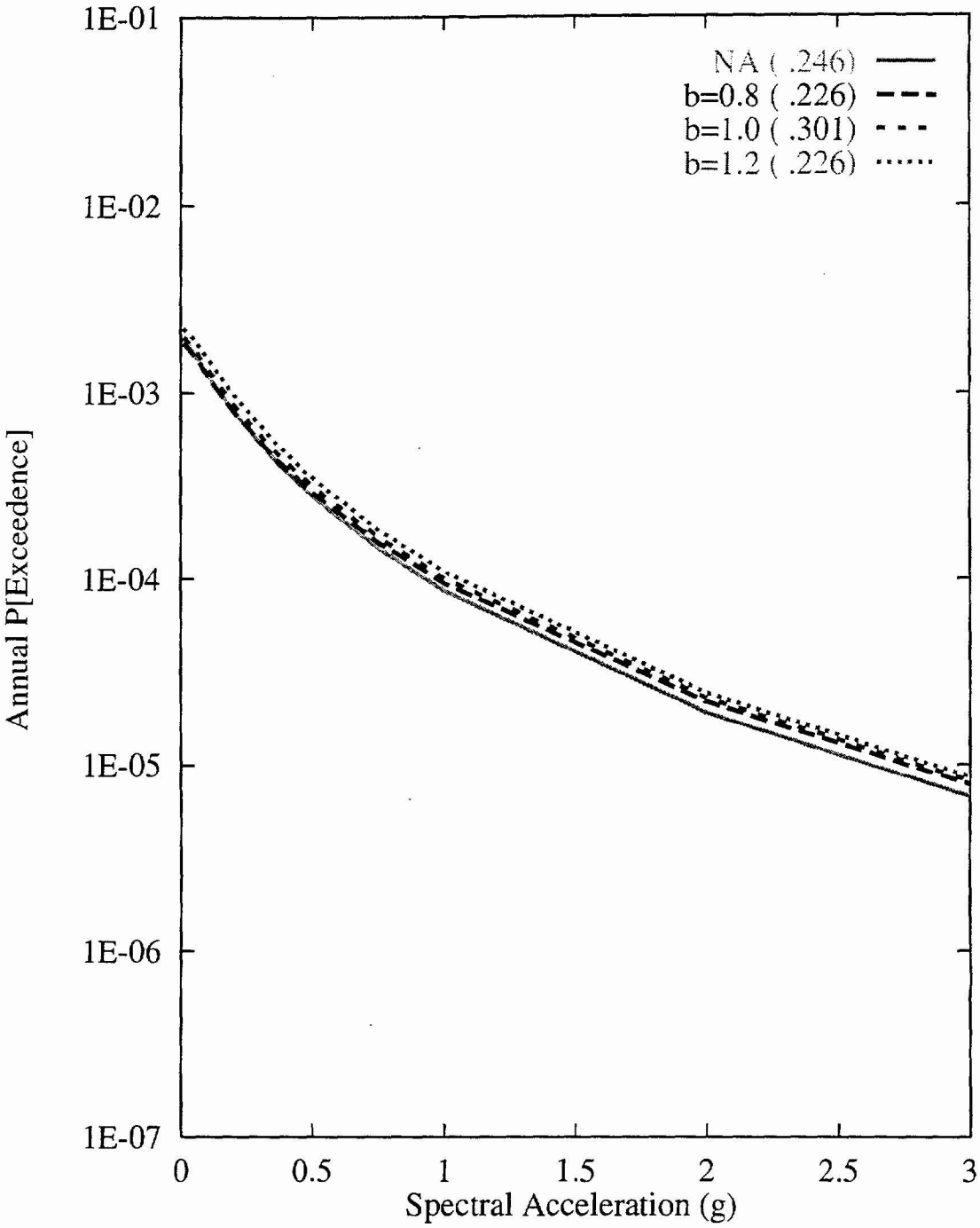


Figure 7-35 Sensitivity of seismic hazard from local faults to b-value of East-side fault system: AAR team, 10-Hz horizontal spectral acceleration

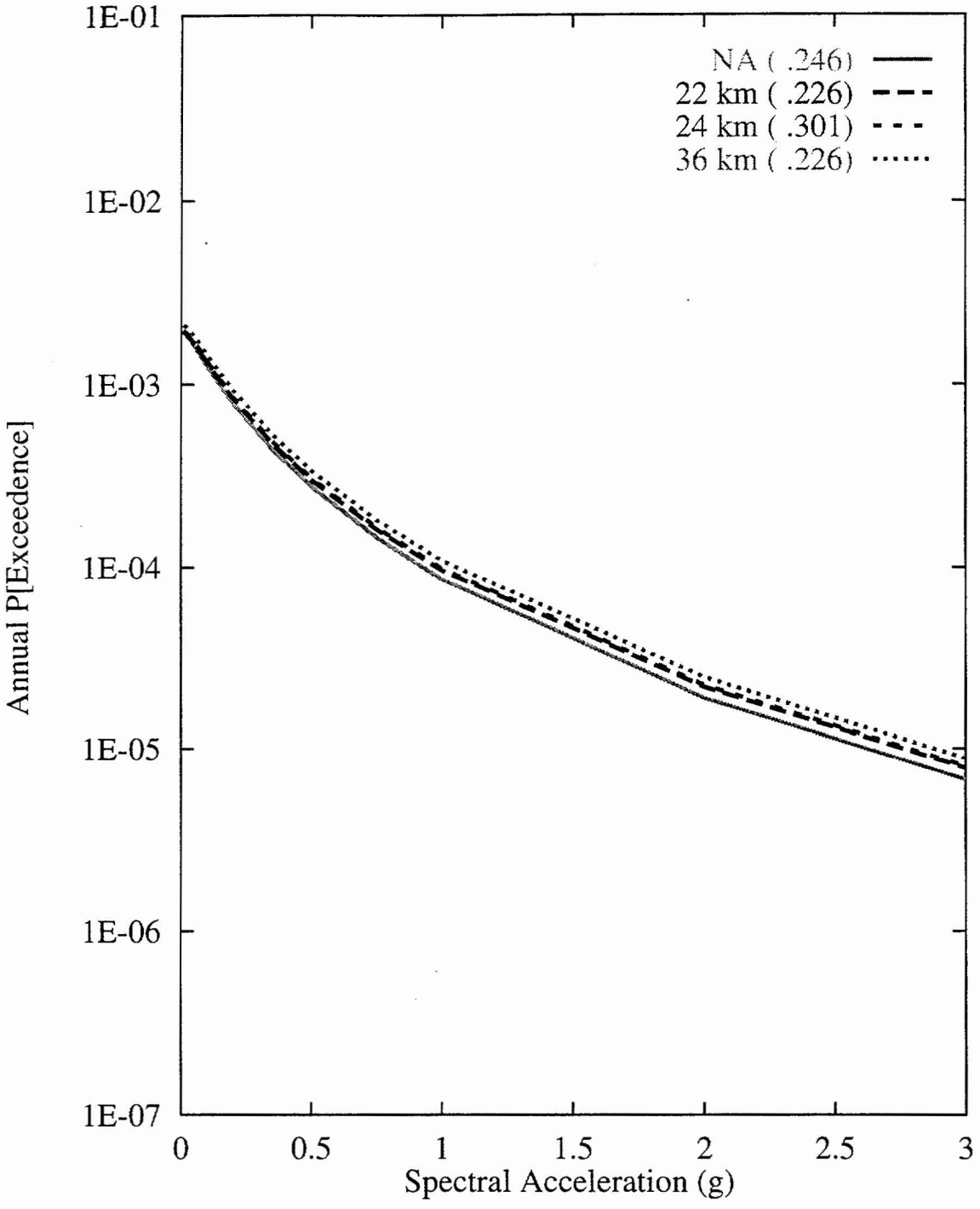


Figure 7-36 Sensitivity of seismic hazard from local faults to length of East-side fault system: AAR team, 10-Hz horizontal spectral acceleration

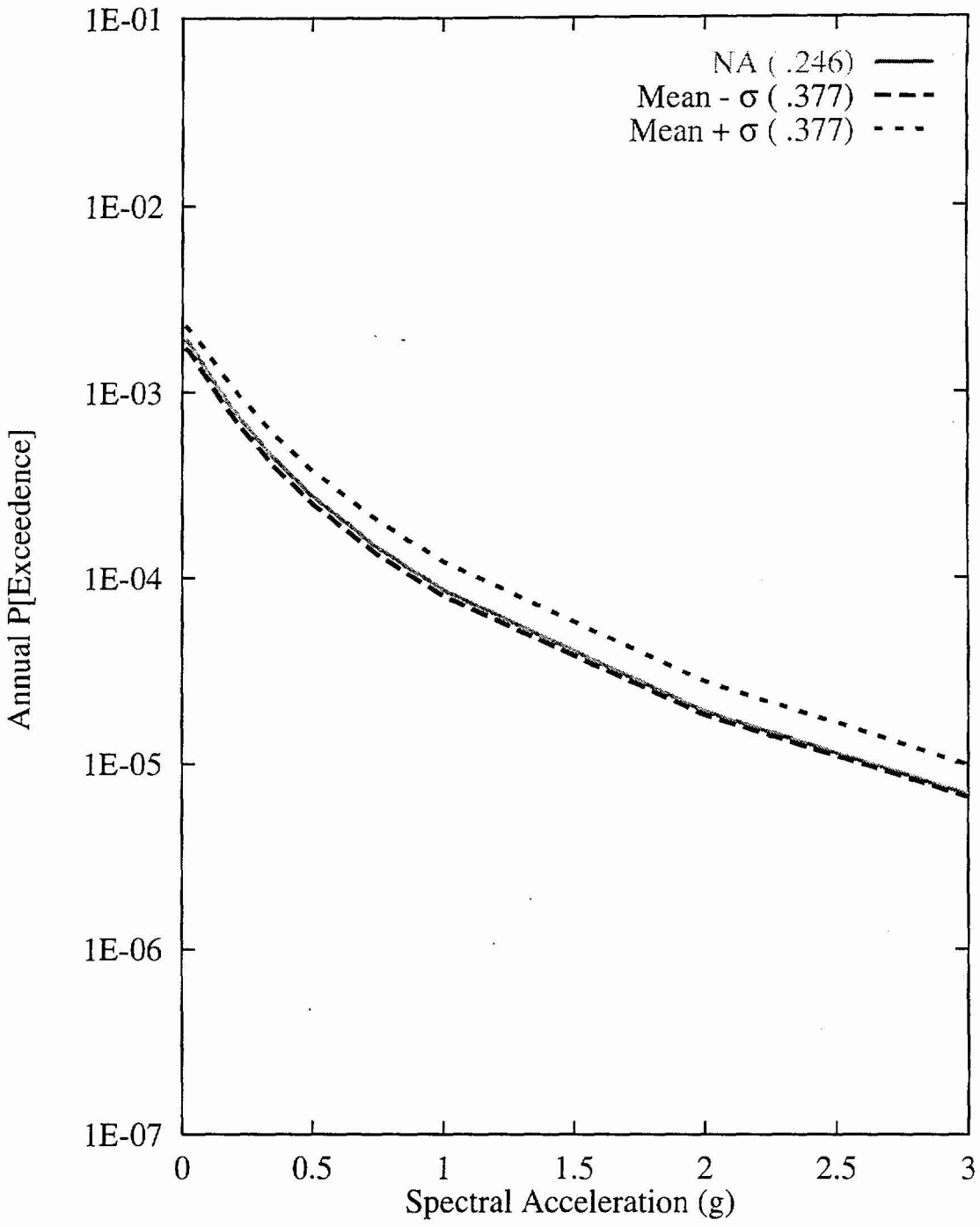


Figure 7-37 Sensitivity of seismic hazard from local faults to M_{max} for the East-side fault system: AAR team, 10-Hz horizontal spectral acceleration

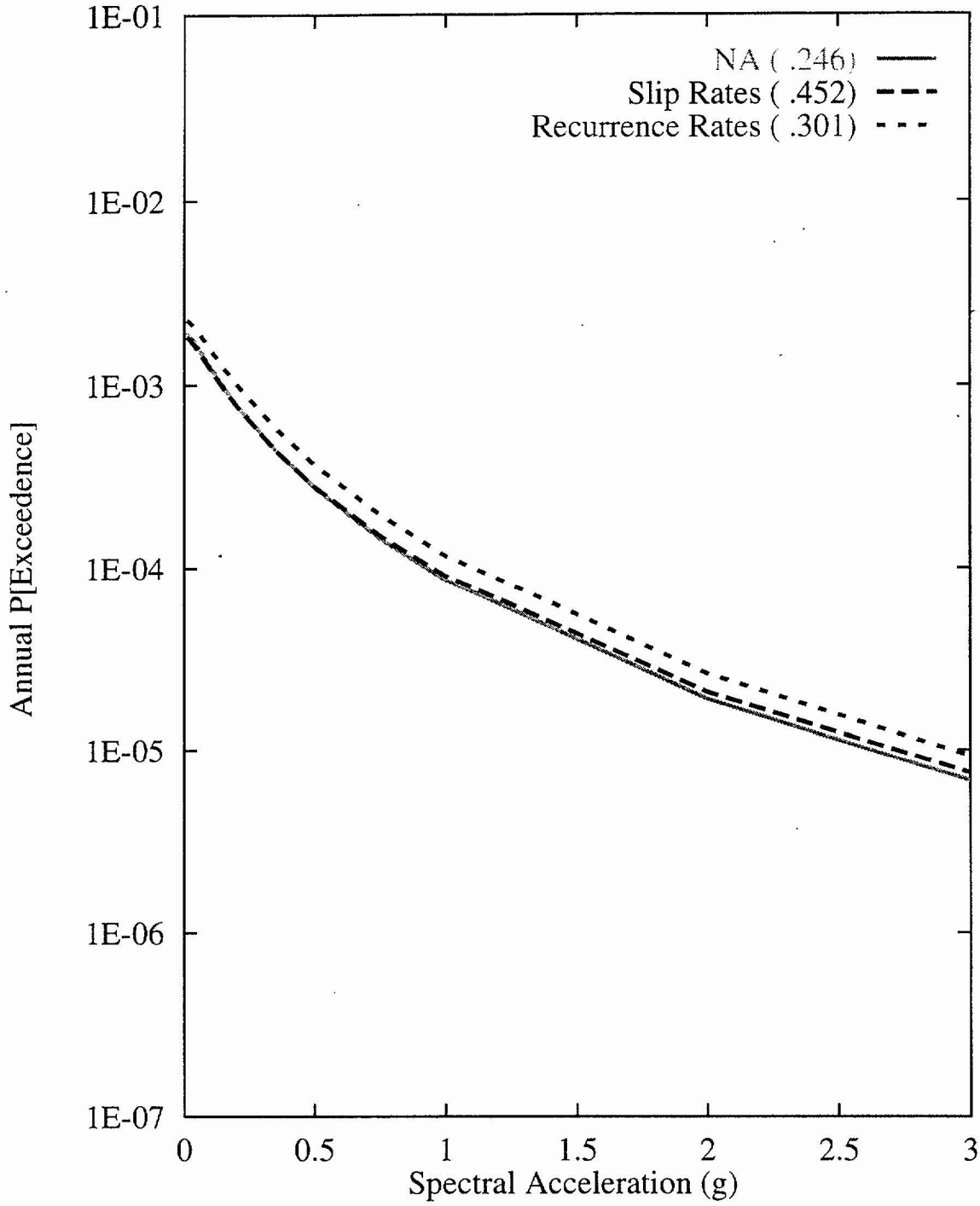


Figure 7-38 Sensitivity of seismic hazard from local faults to recurrence approach for the East-side fault system: AAR team, 10-Hz horizontal spectral acceleration

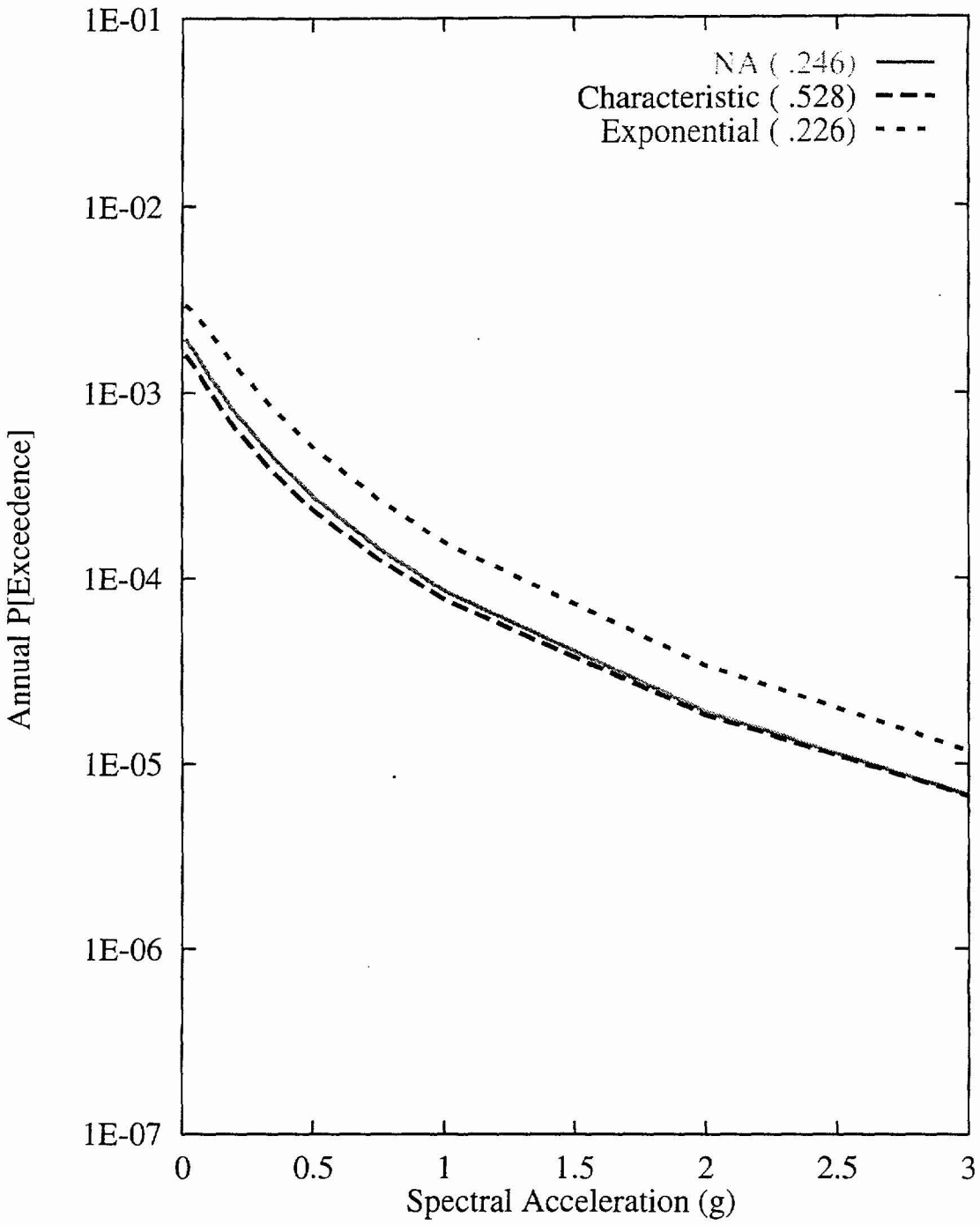


Figure 7-39 Sensitivity of seismic hazard from local faults to recurrence model for the East-side fault system: AAR team, 10-Hz horizontal spectral acceleration

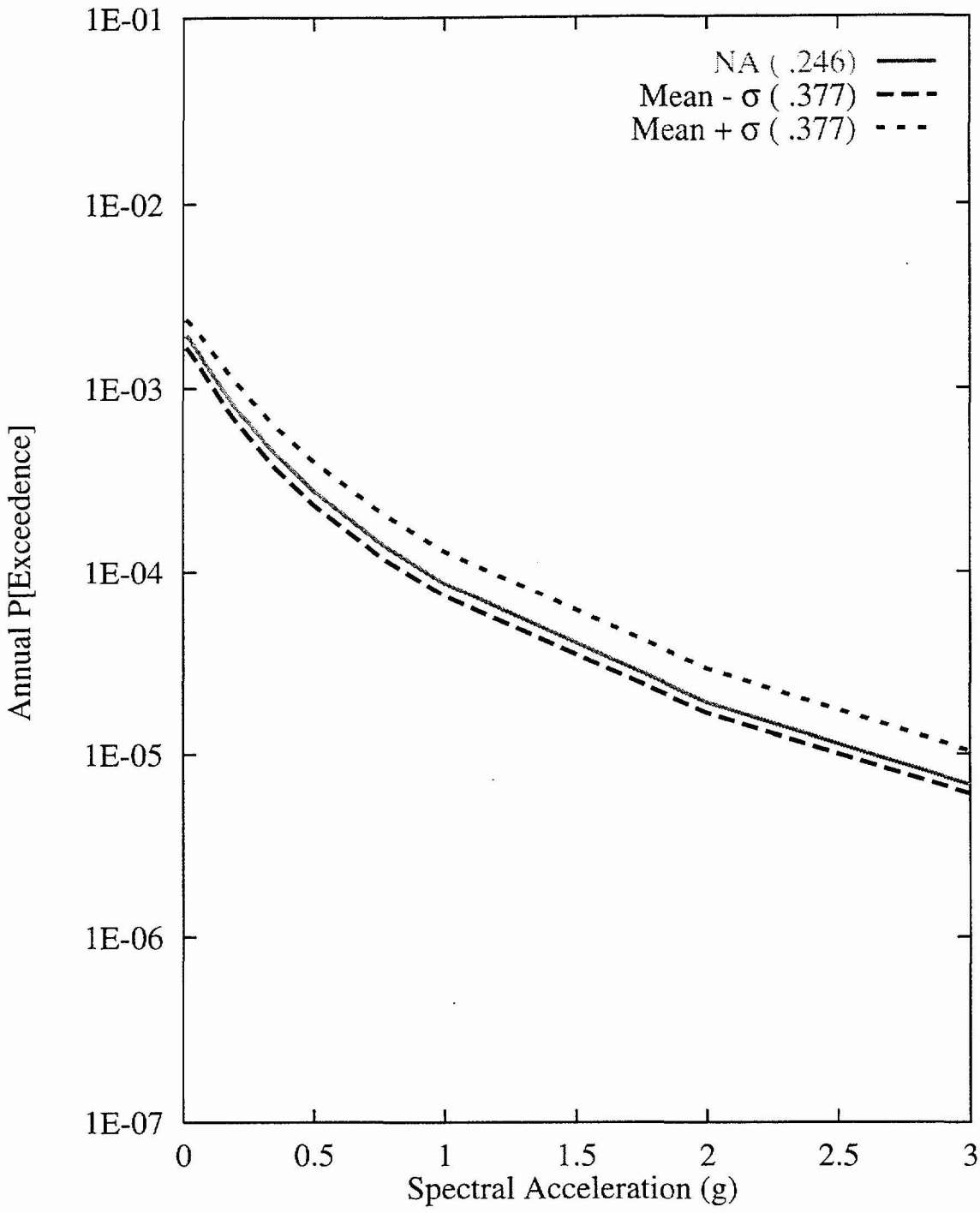


Figure 7-40 Sensitivity of seismic hazard from local faults to recurrence of the East-side fault system: AAR team, 10-Hz horizontal spectral acceleration

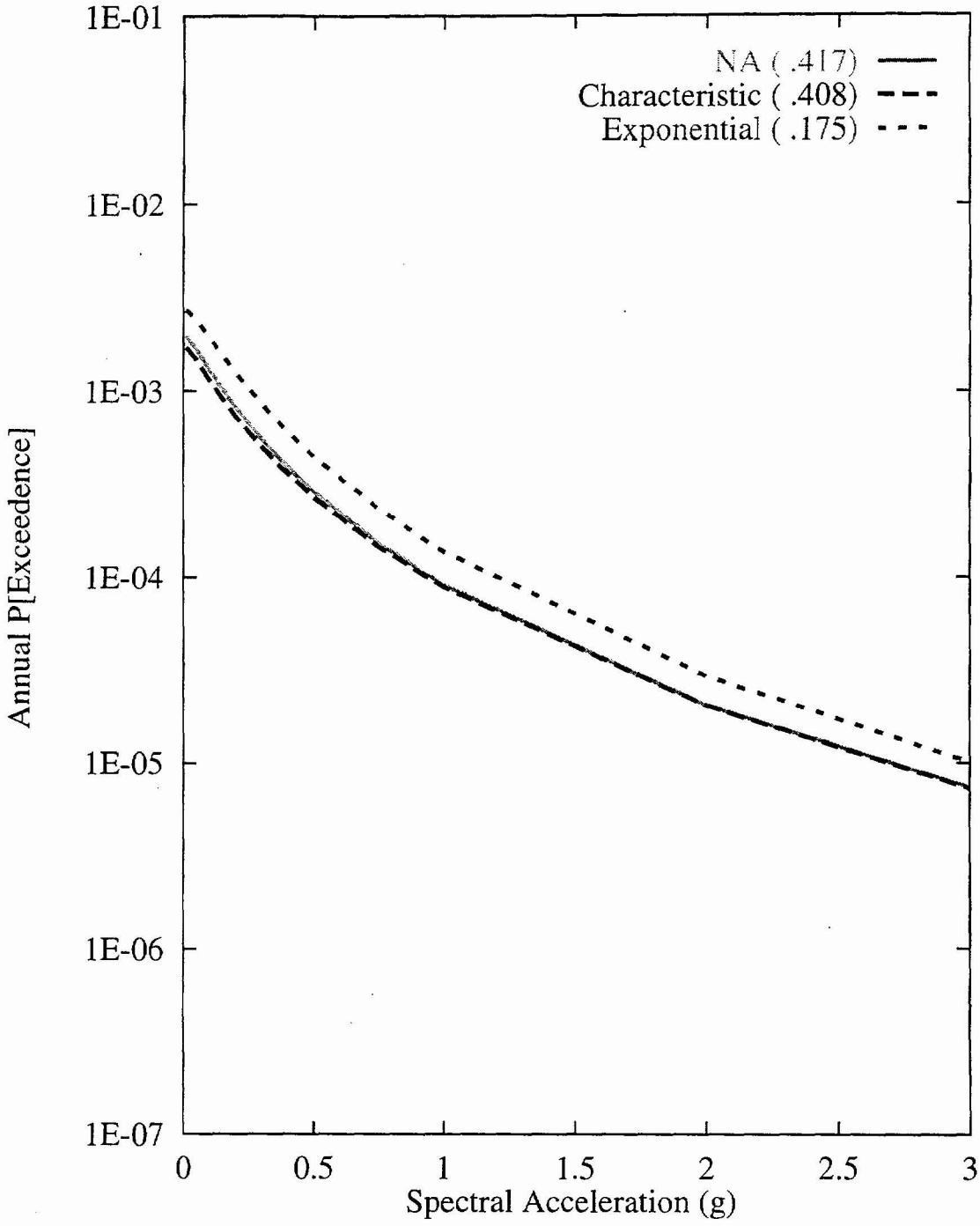


Figure 7-41 Sensitivity of seismic hazard from local faults to recurrence model of the West-side fault system: AAR team, 10-Hz horizontal spectral acceleration

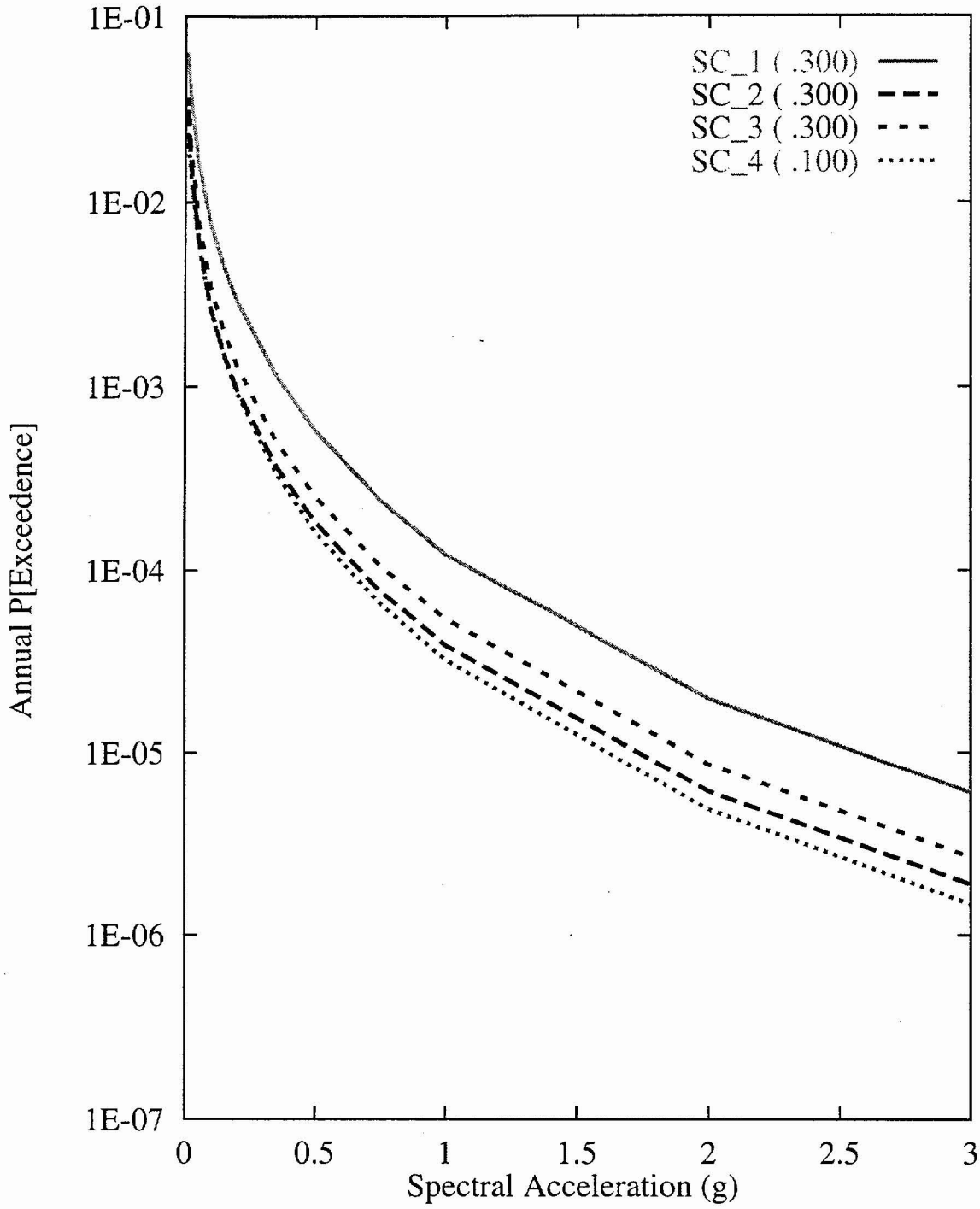


Figure 7-42 Sensitivity of seismic hazard from area source zones to various scenarios (SC) for zonation: AAR team, 10-Hz horizontal spectral acceleration

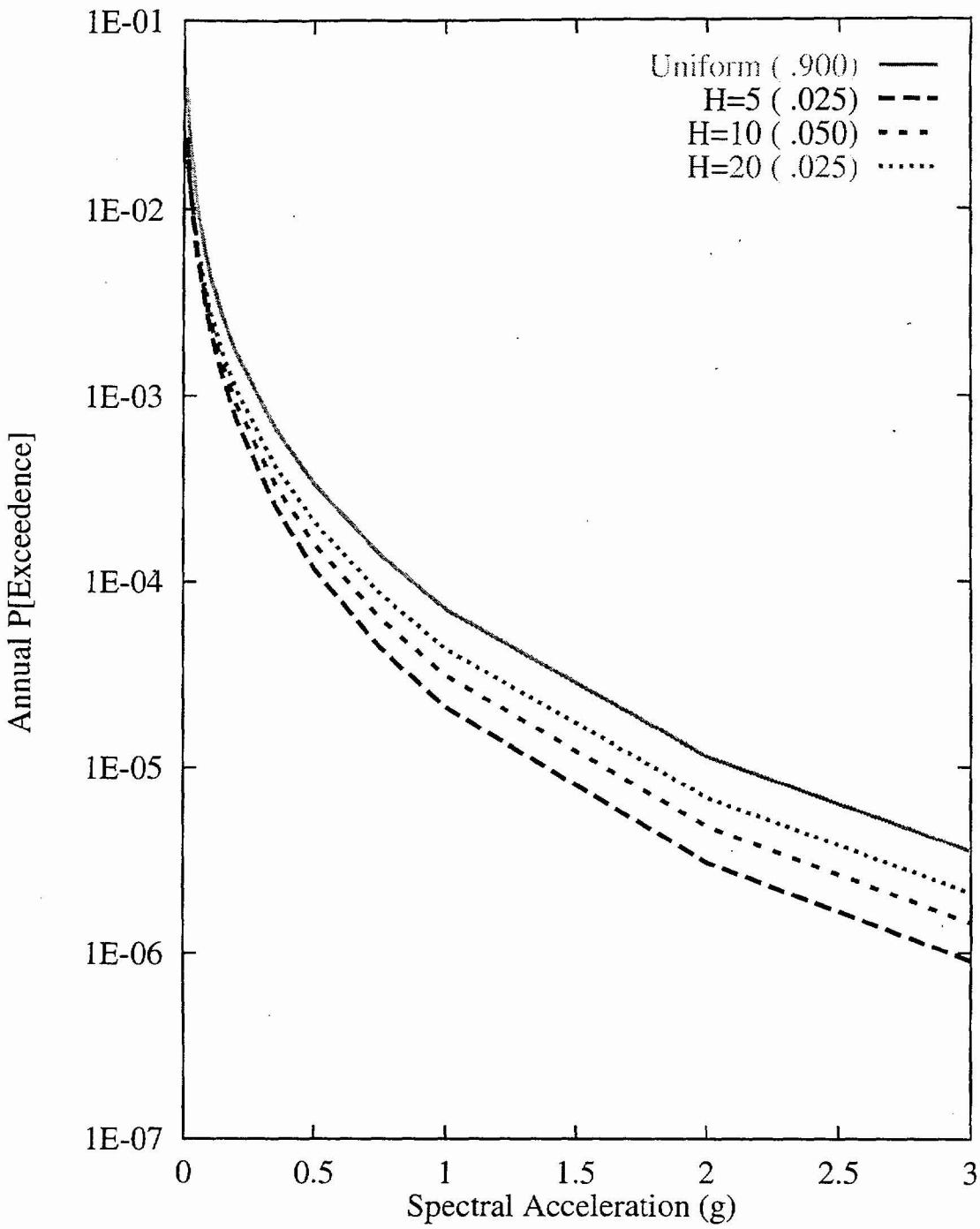


Figure 7-43 Sensitivity of seismic hazard from area source zones to spatial variability and smoothing (H): AAR team, 10-Hz horizontal spectral acceleration

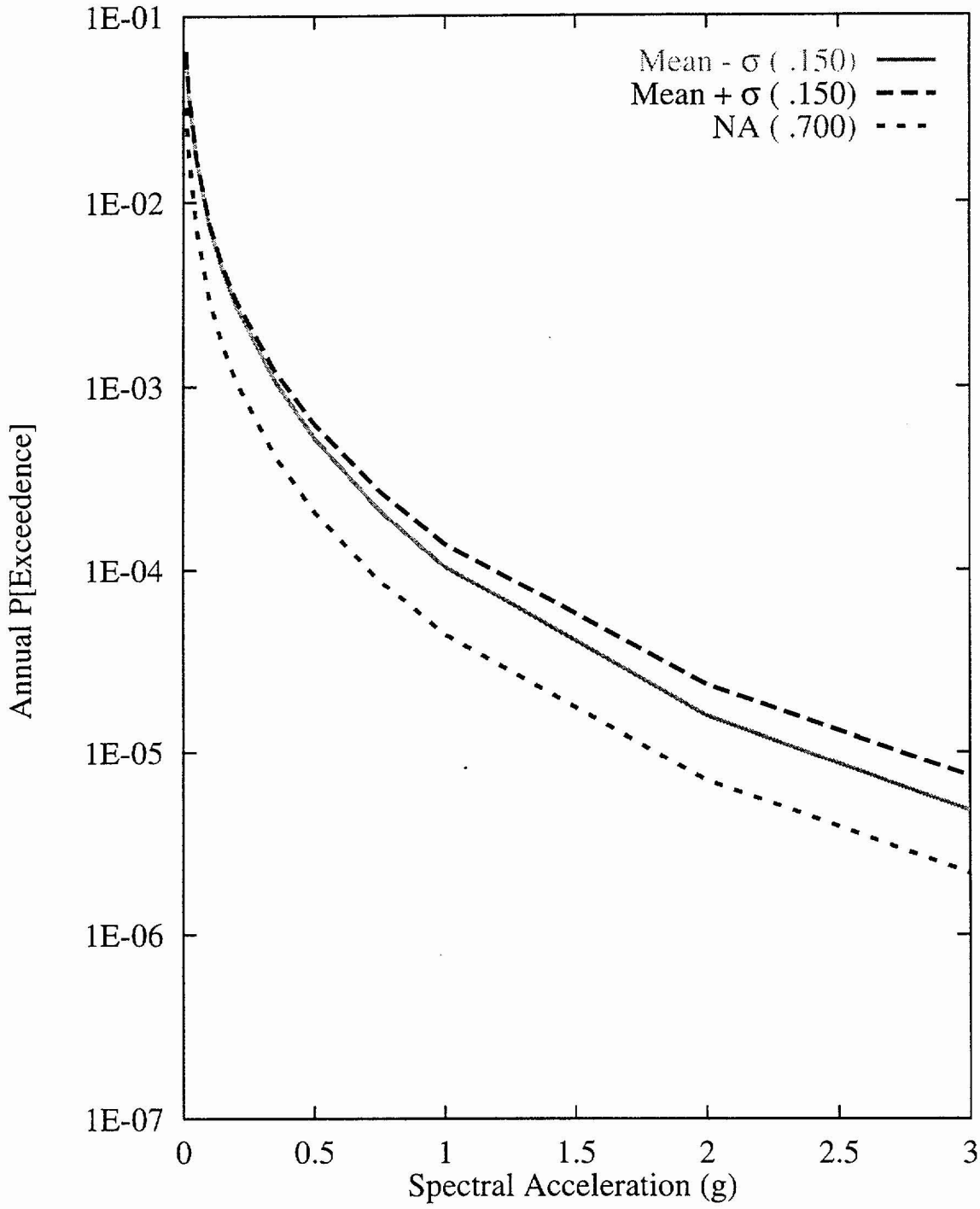


Figure 7-44 Sensitivity of seismic hazard from area source zones to Mmax for the Z2 area source: AAR team, 10-Hz horizontal spectral acceleration

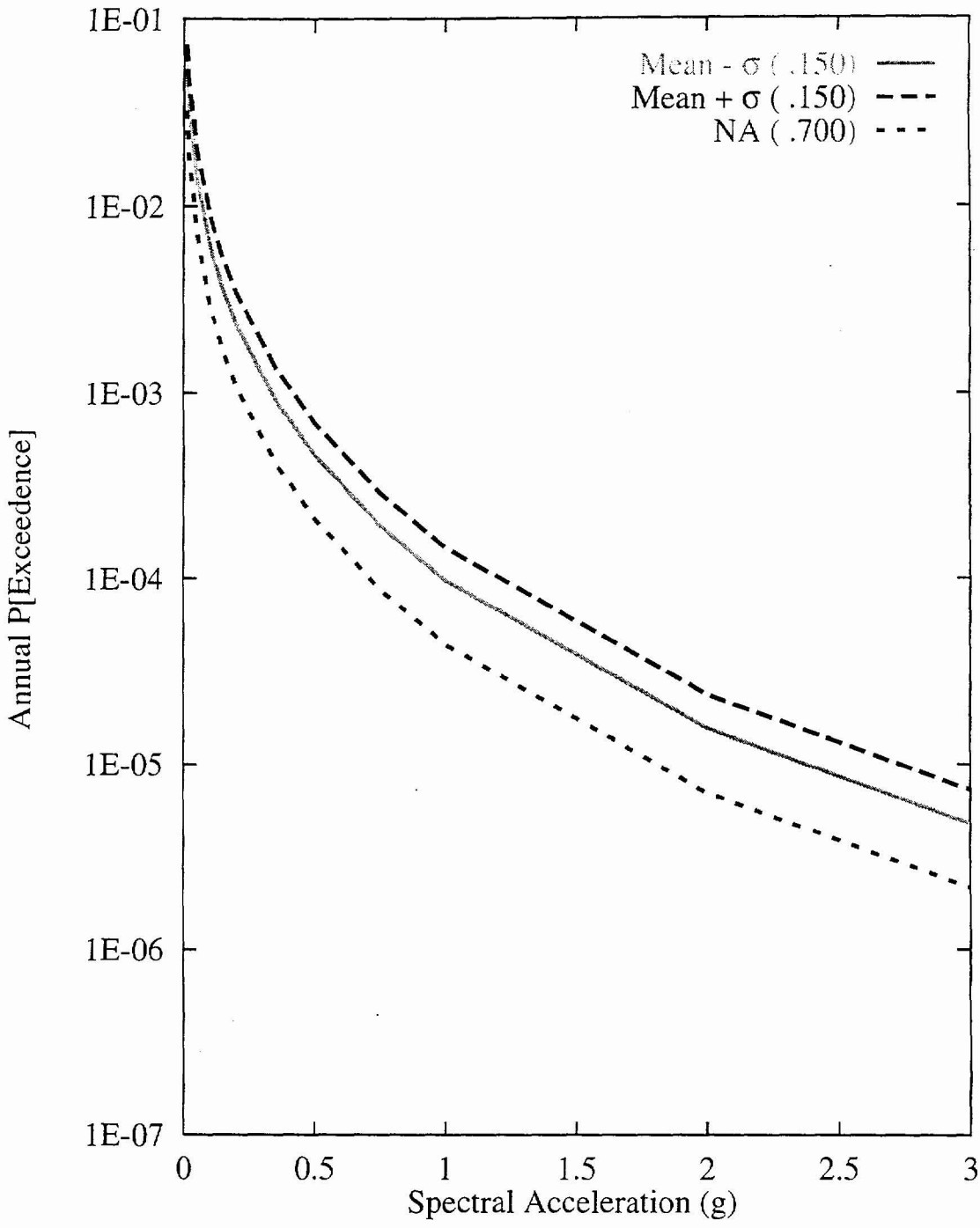


Figure 7-45 Sensitivity of seismic hazard from area source zone to recurrence of the Z2 source zone: AAR team, 10-Hz horizontal spectral acceleration

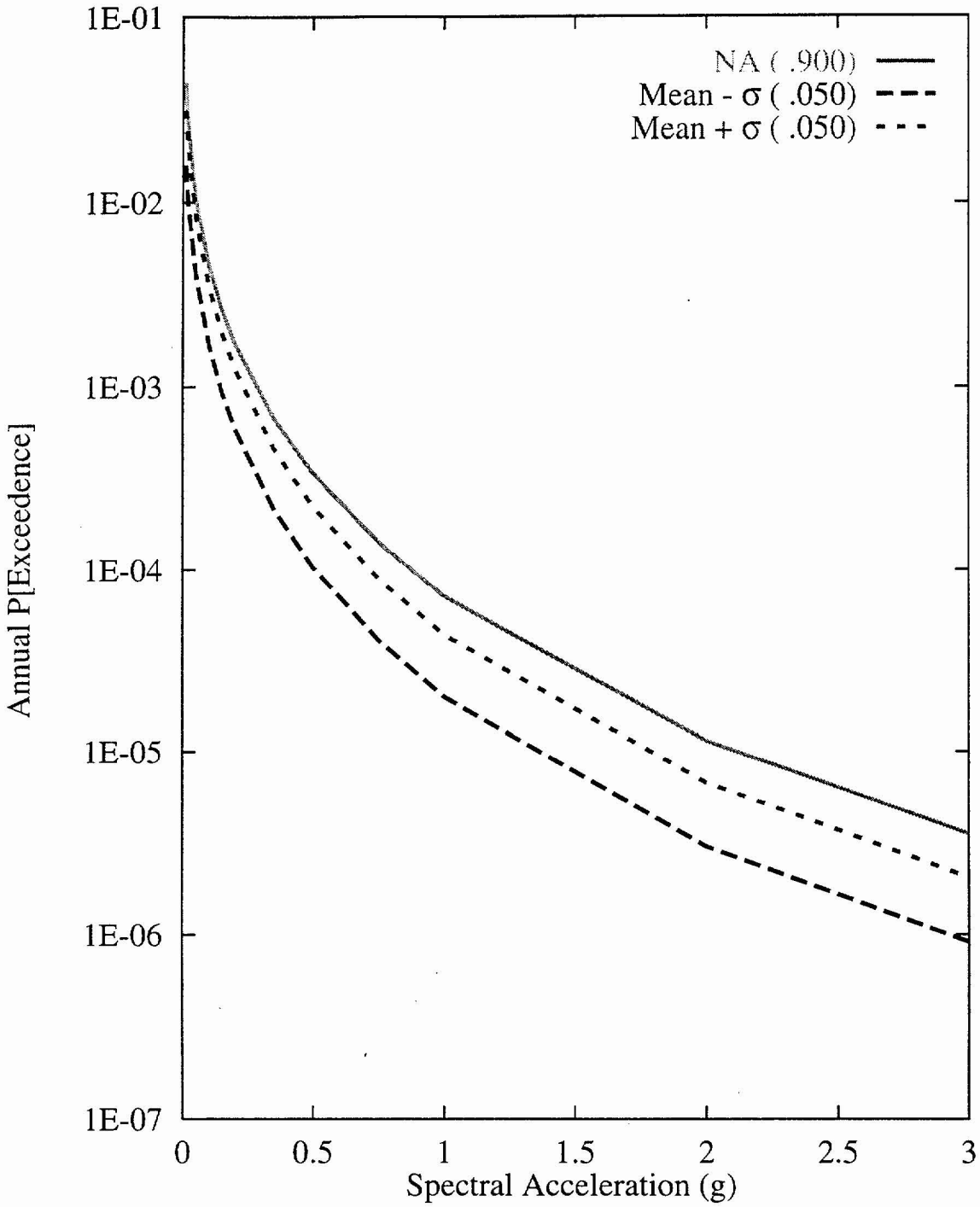


Figure 7-46 Sensitivity of seismic hazard from area source zone to recurrence of the 100-km background zone: AAR team, 10-Hz horizontal spectral acceleration

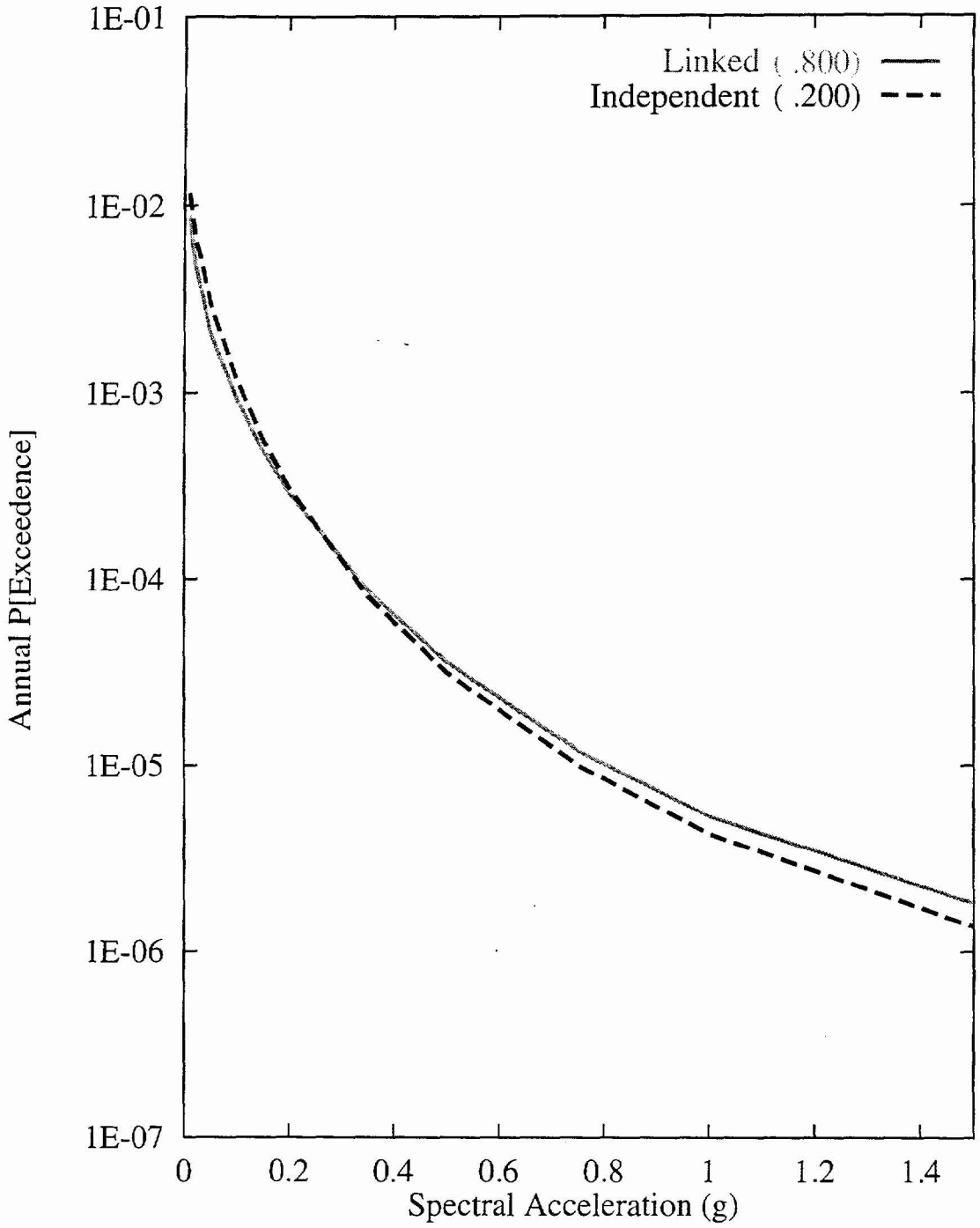


Figure 7-47 Sensitivity of seismic hazard from regional faults to configuration of the Death Valley-Furnace Creek fault system: AAR team, 1-Hz horizontal spectral acceleration

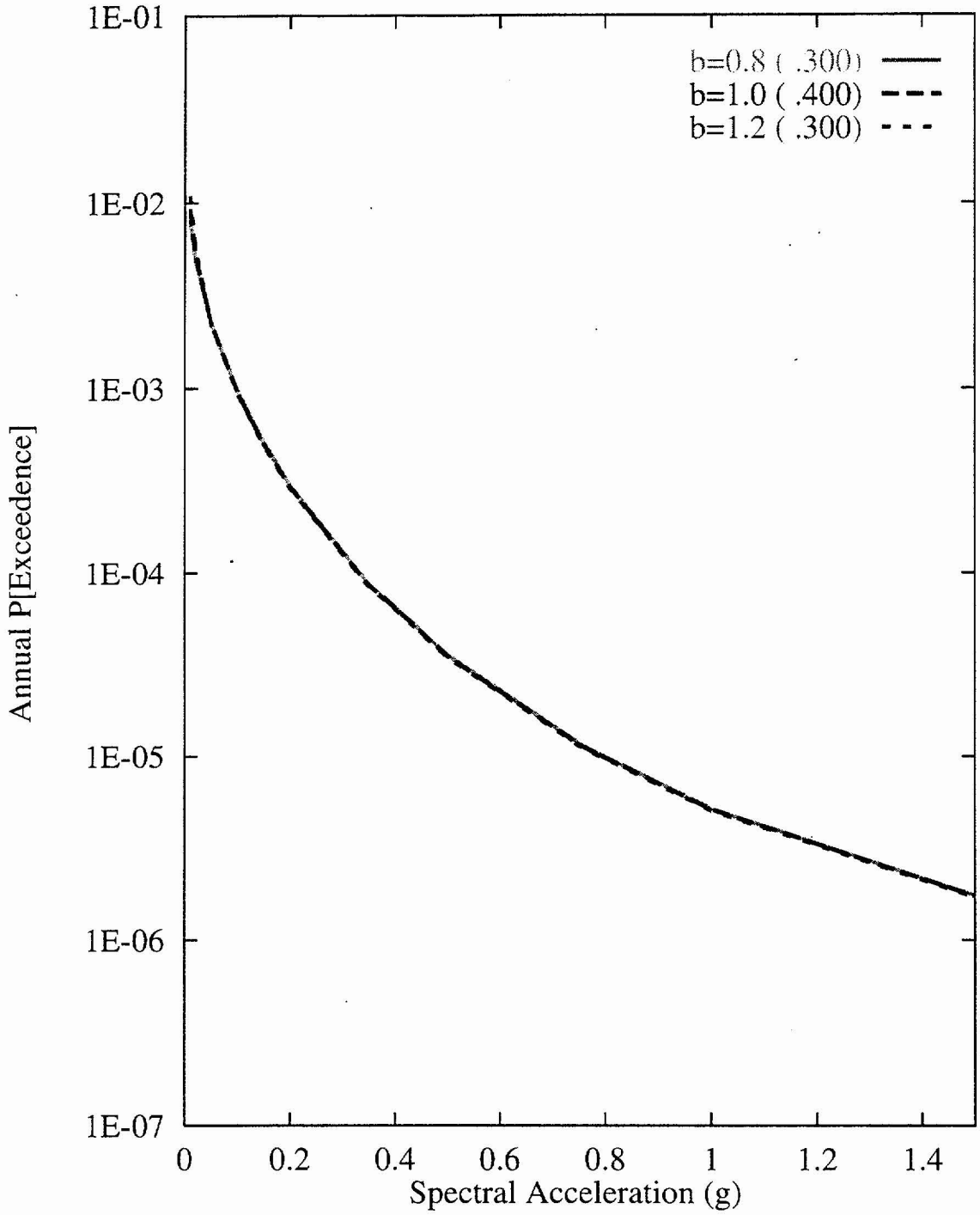


Figure 7-48 Sensitivity of seismic hazard from regional faults to b-values: AAR team, 1-Hz horizontal spectral acceleration

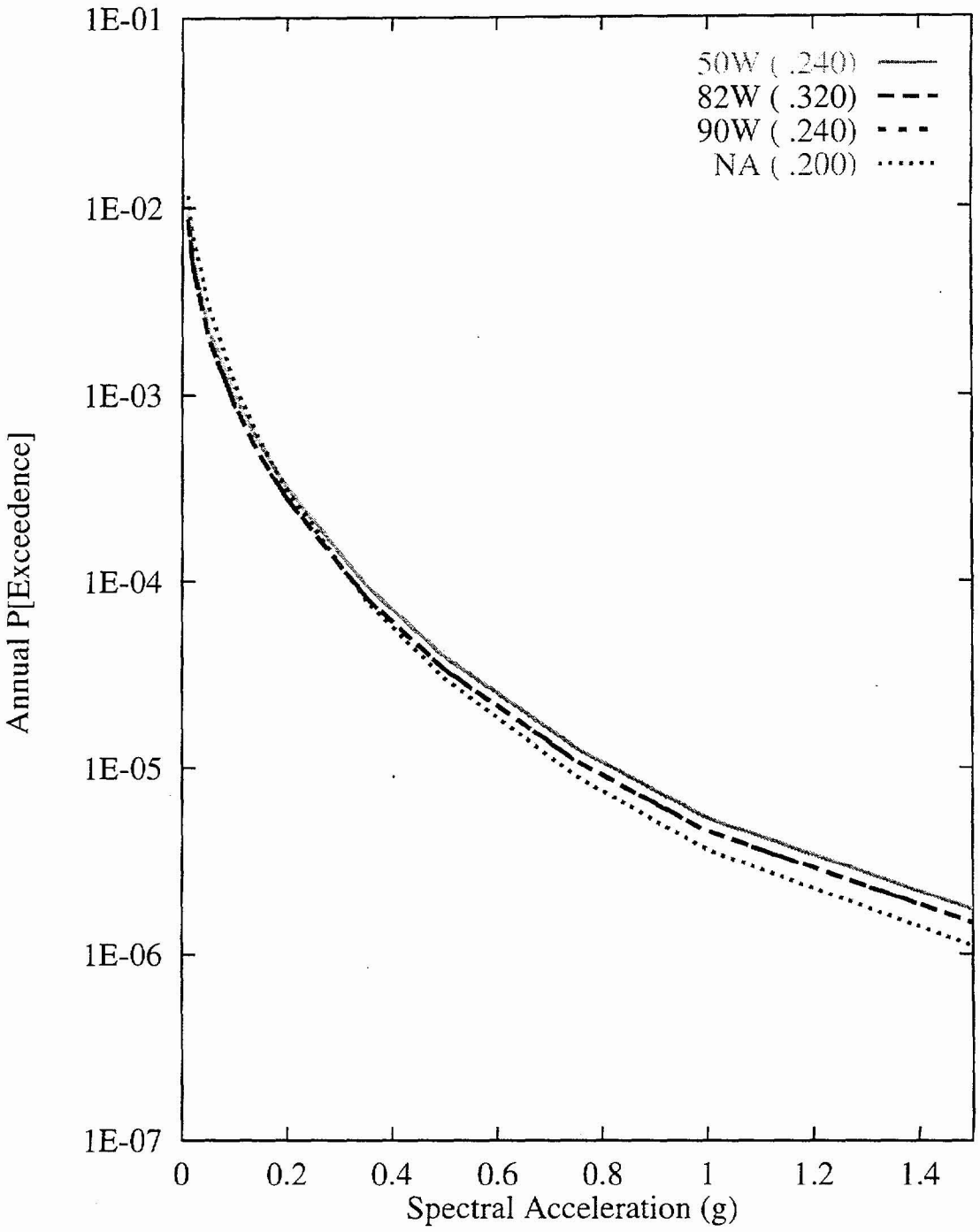


Figure 7-49 Sensitivity of seismic hazard from regional faults to the Death Valley-Furnace Creek fault system: AAR team, 1-Hz horizontal spectral acceleration

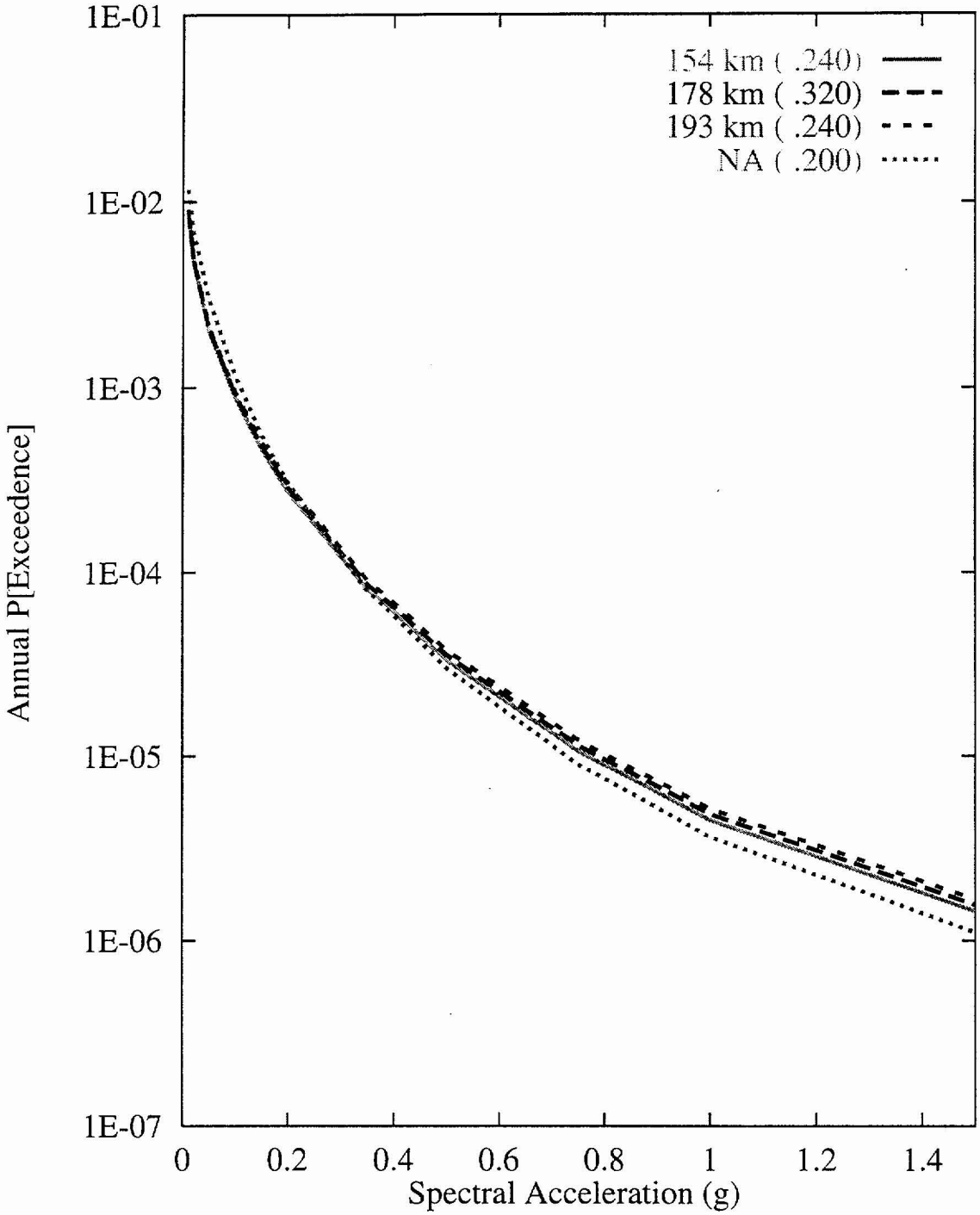


Figure 7-50 Sensitivity of seismic hazard from regional faults to length of the Death Valley-Furnace Creek fault system: AAR team, 1-Hz horizontal spectral acceleration

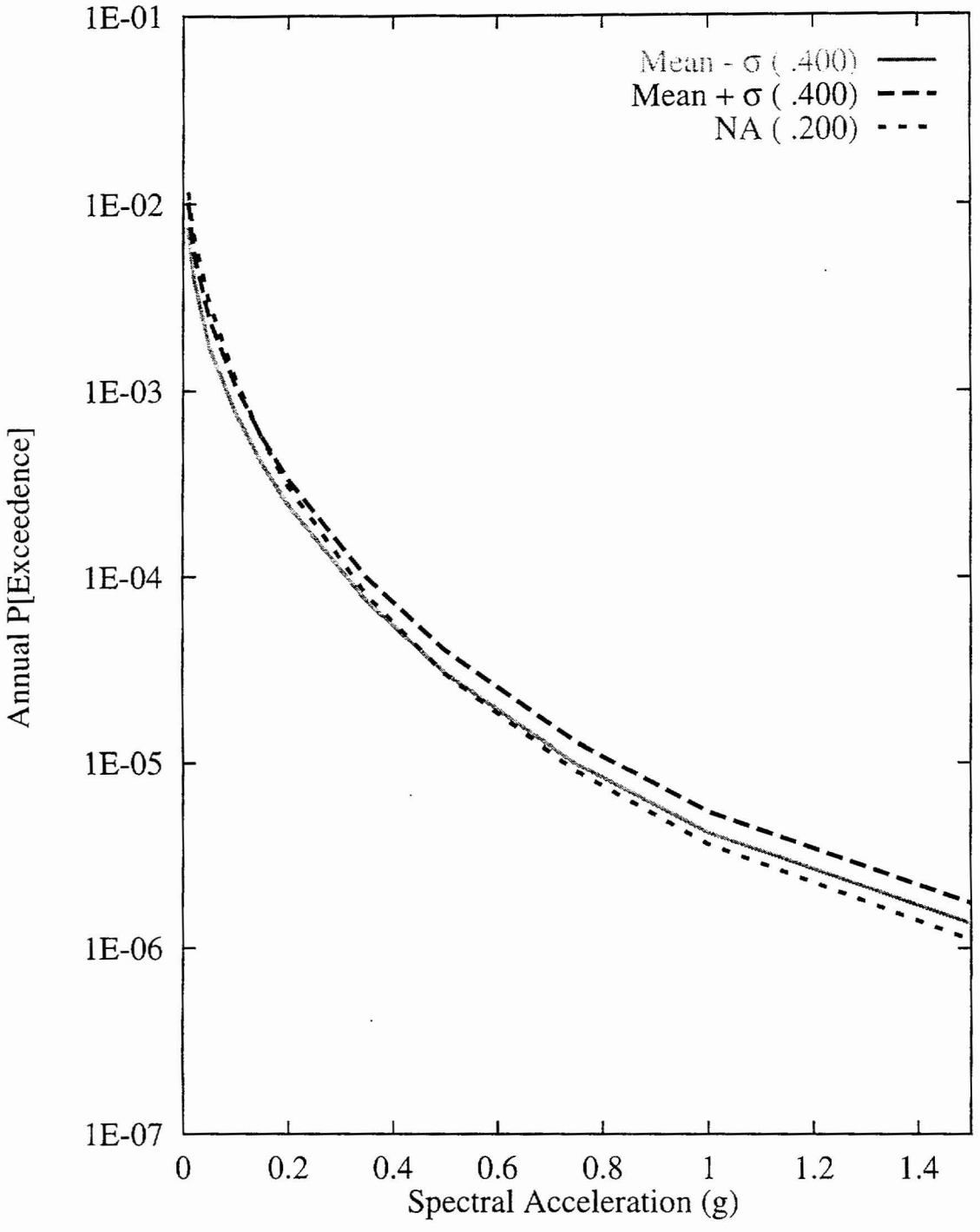


Figure 7-51 Sensitivity of seismic hazard from regional faults to Mmax of the Death Valley-Furnace Creek fault system: AAR team, 1-Hz horizontal spectral acceleration

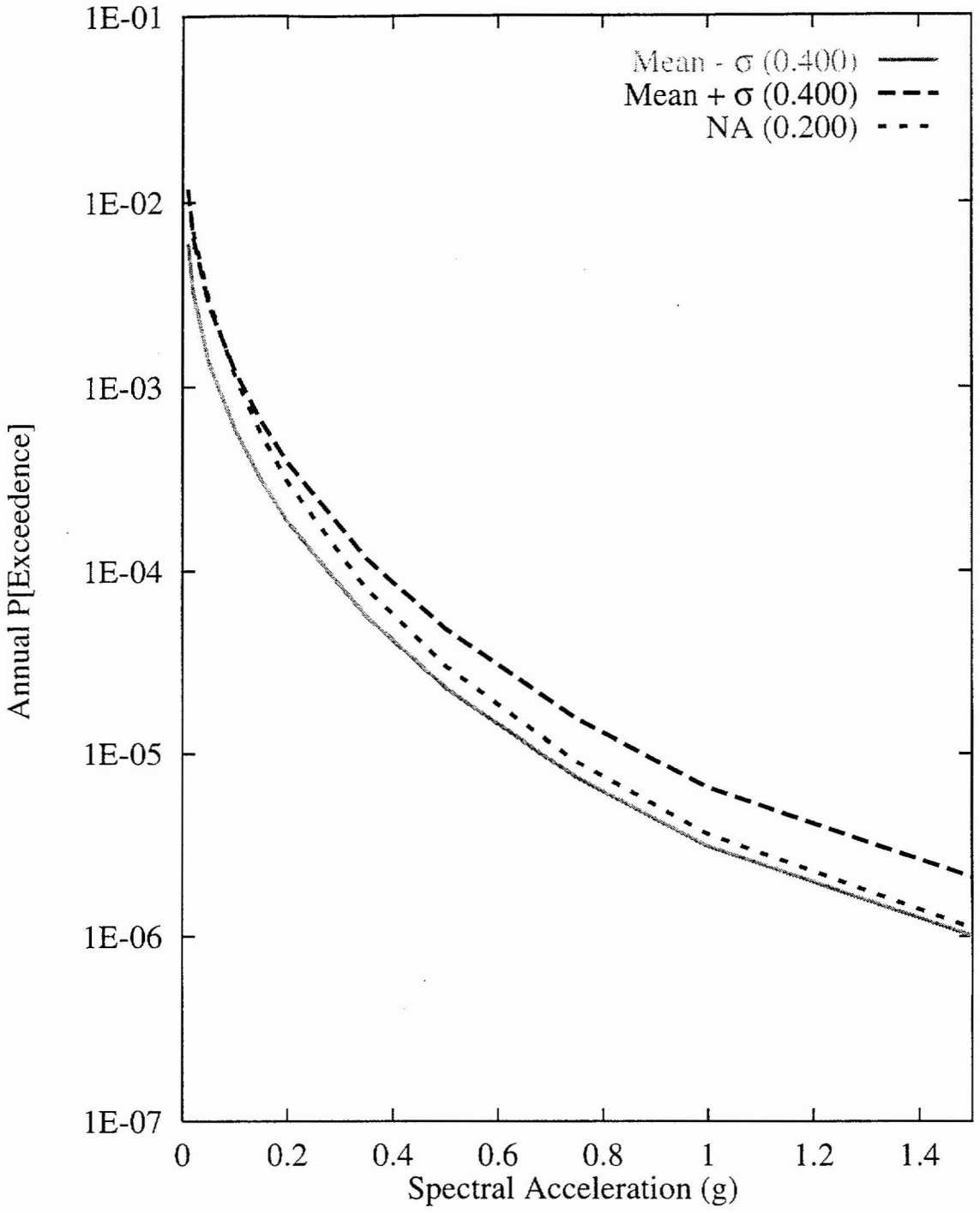


Figure 7-52 Sensitivity of seismic hazard from regional faults to recurrence of the Death Valley-Furnace Creek fault system: AAR team, 1-Hz horizontal spectral acceleration

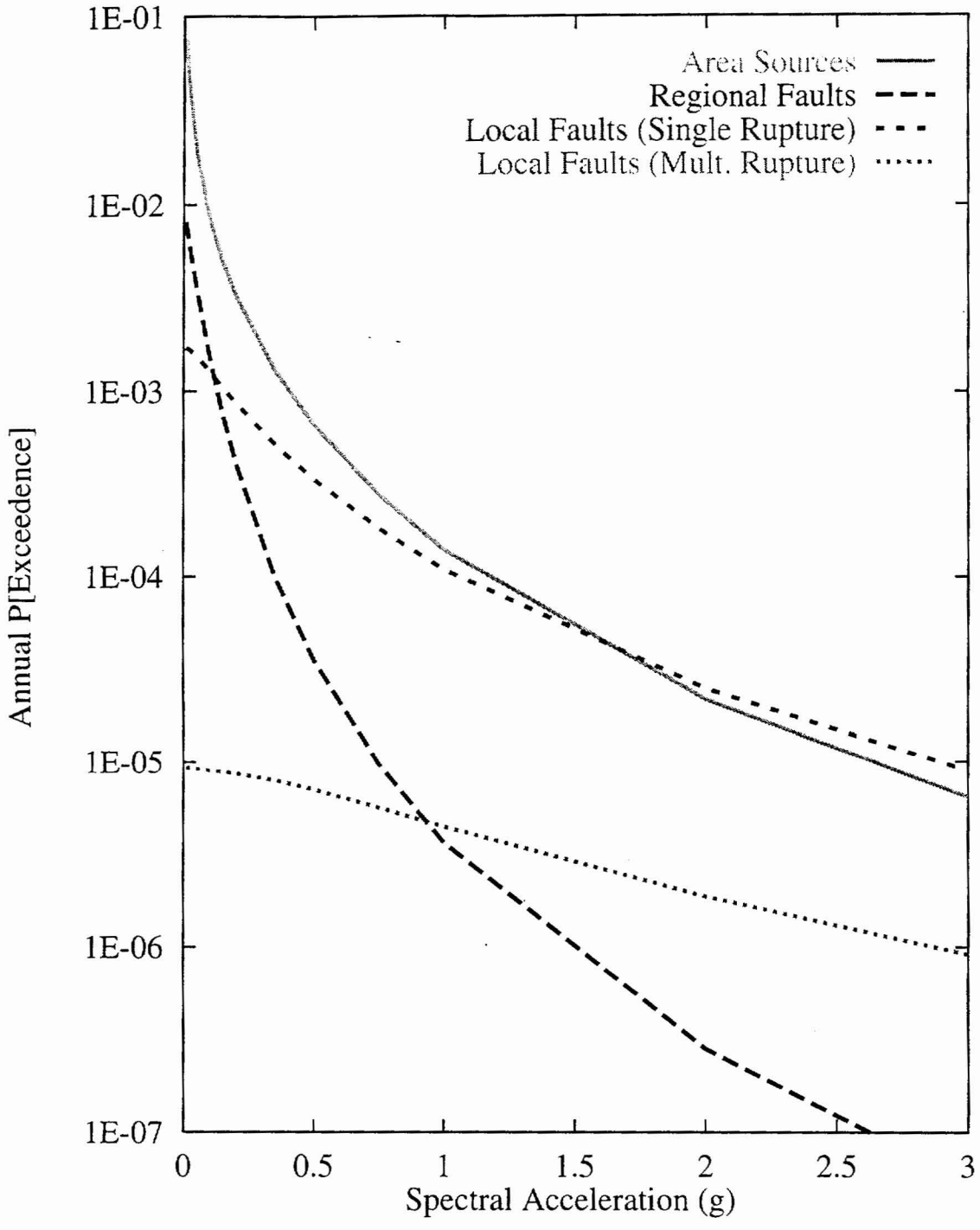


Figure 7-53 Contribution of source type to the mean hazard: ASM team, 10-Hz horizontal spectral acceleration

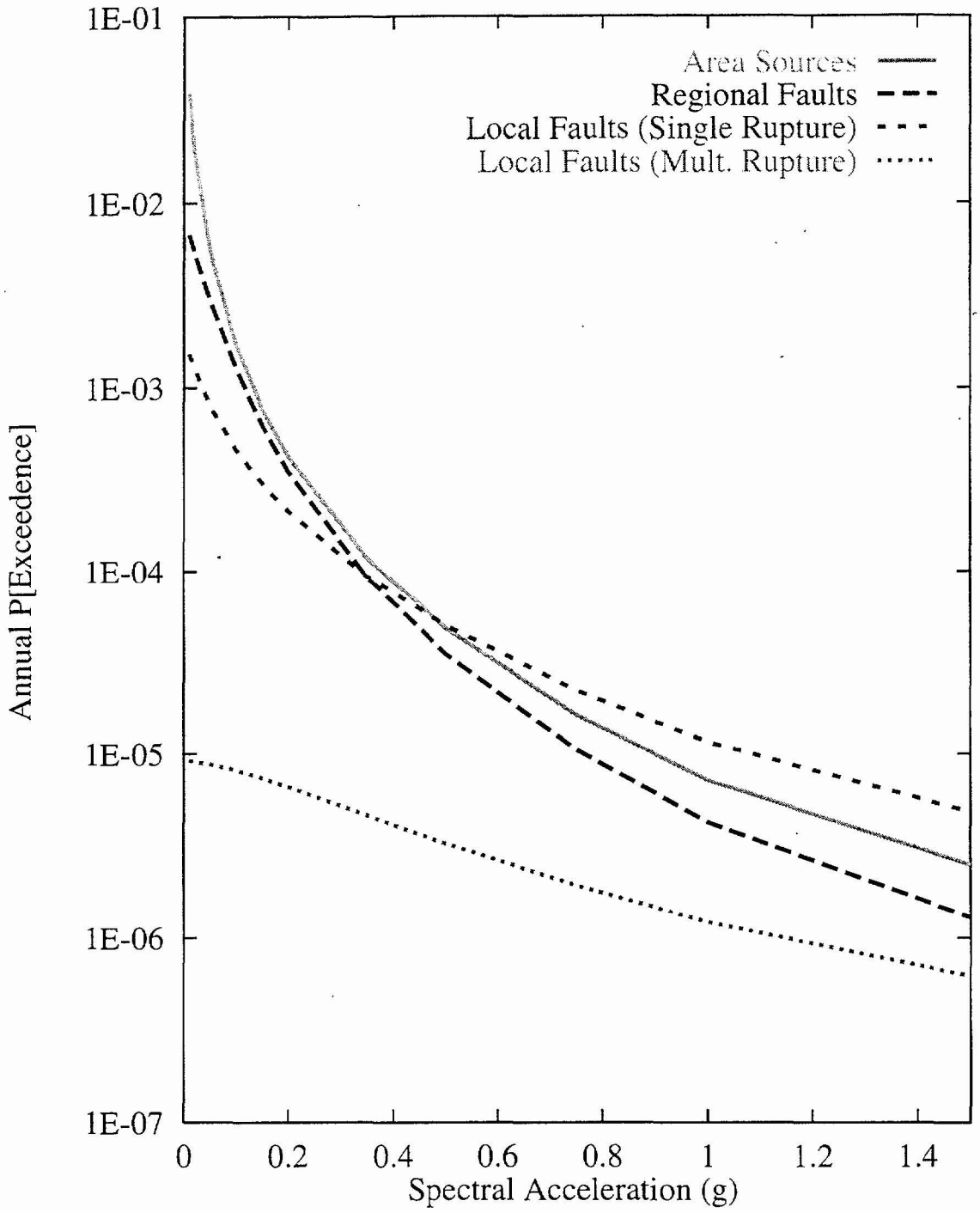


Figure 7-54 Contribution of source type to the mean hazard: ASM team, 1-Hz horizontal spectral acceleration

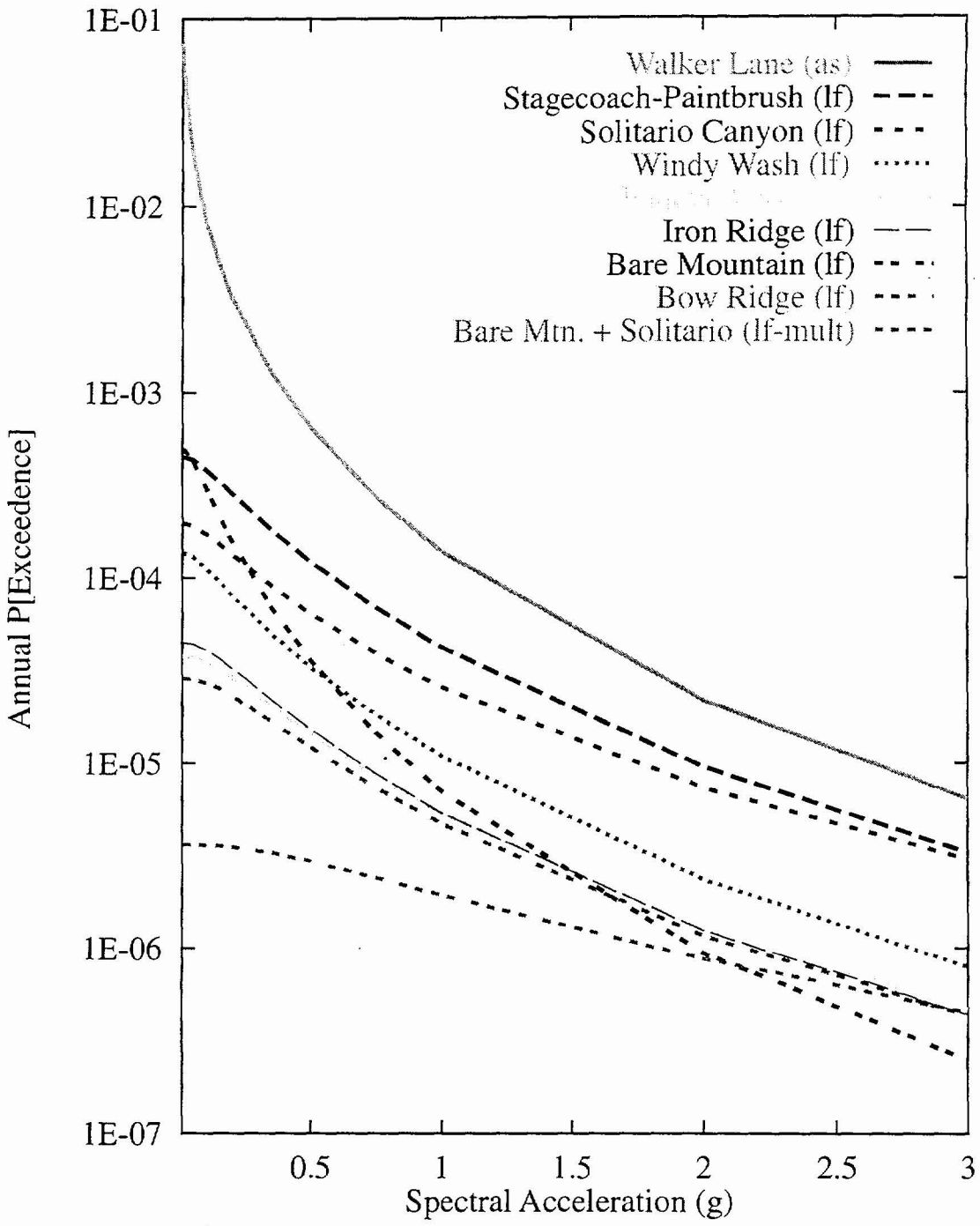


Figure 7-55 Mean seismic hazard from dominant seismic sources: ASM team, 10-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; lf-local fault; and mult-multiple fault rupture.

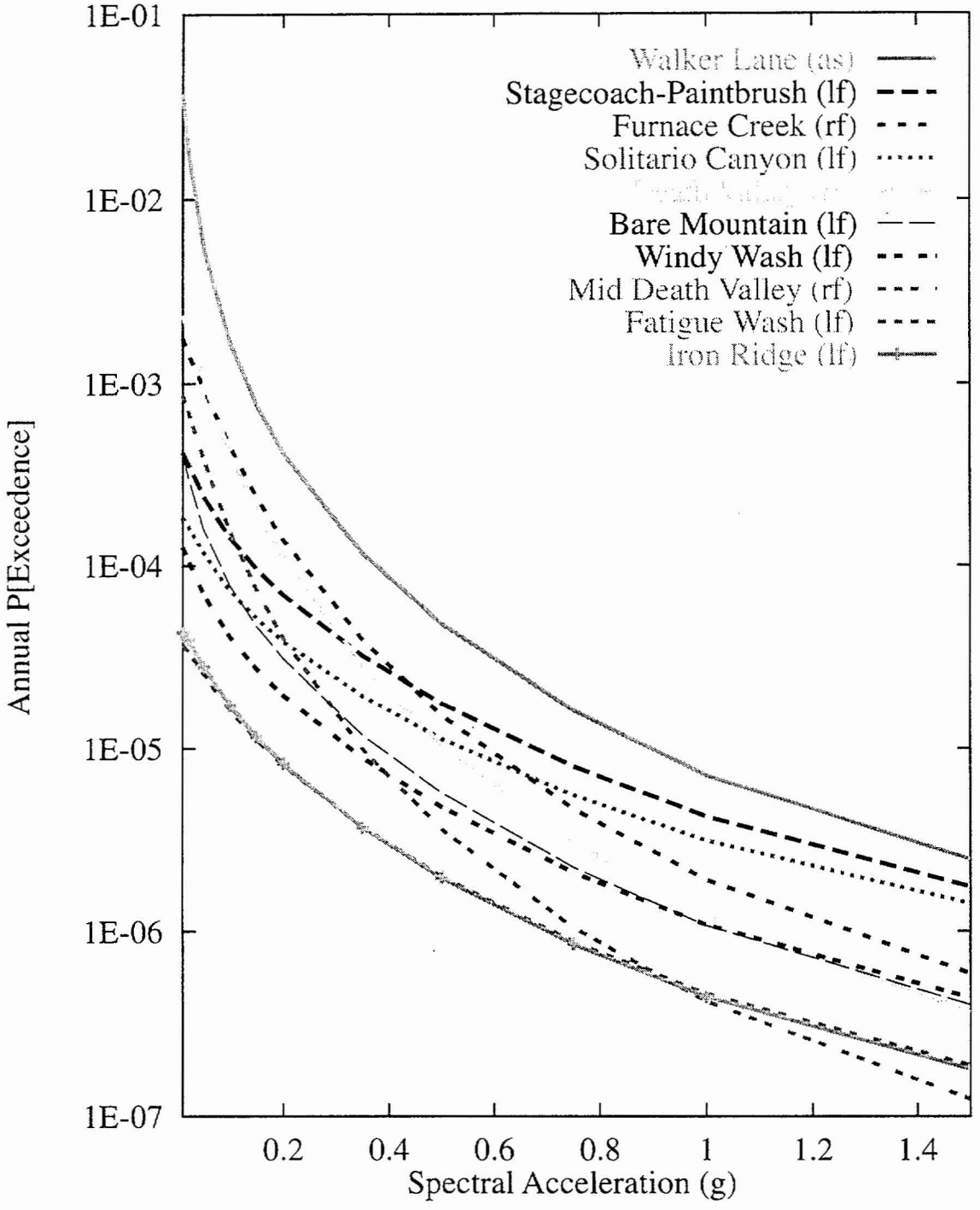
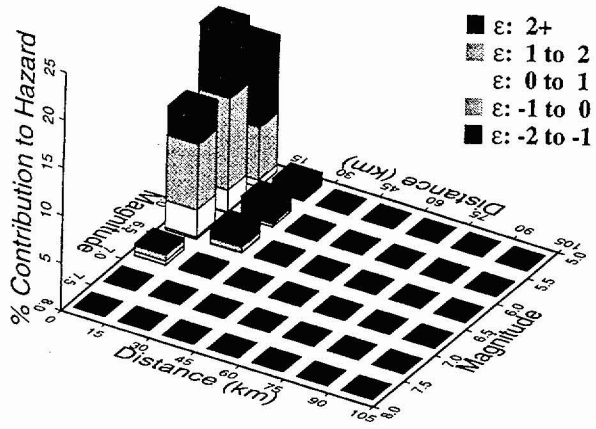
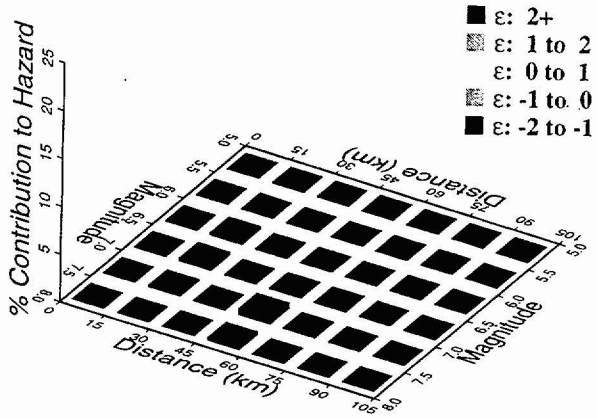


Figure 7-56 Mean seismic hazard from dominant seismic sources: ASM team, 1-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; lf-local fault; and rf-regional fault.

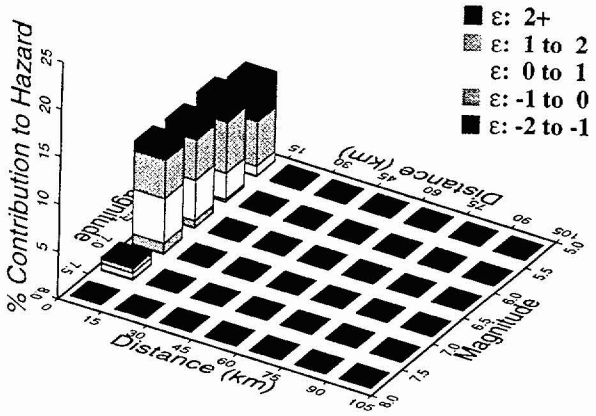
10 Hz, ASM Area Sources



10 Hz, ASM Regional Faults



10 Hz, ASM Local Faults (Single)



10 Hz, ASM Local Faults (Mult.)

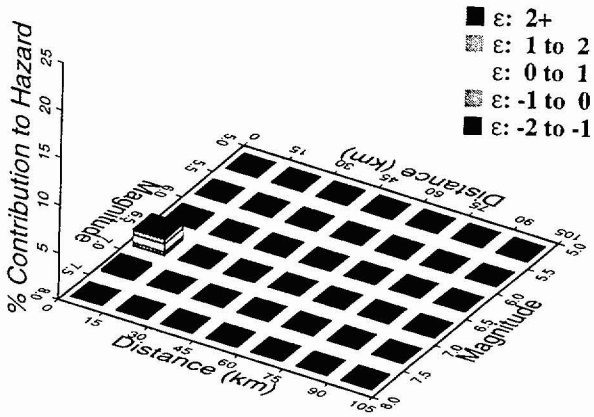
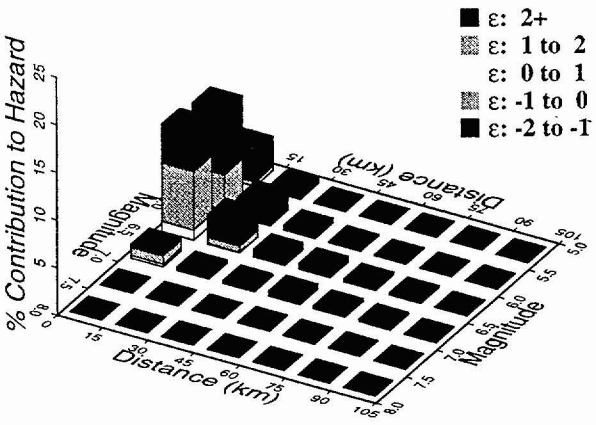
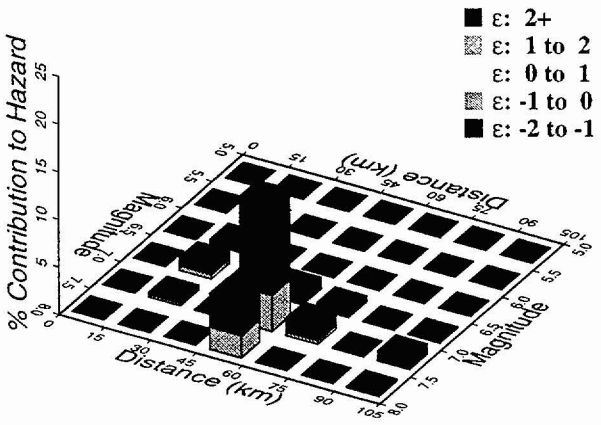


Figure 7-57 Magnitude-distance-epsilon distributions for the four source types: ASM team, 10-Hz horizontal spectral acceleration

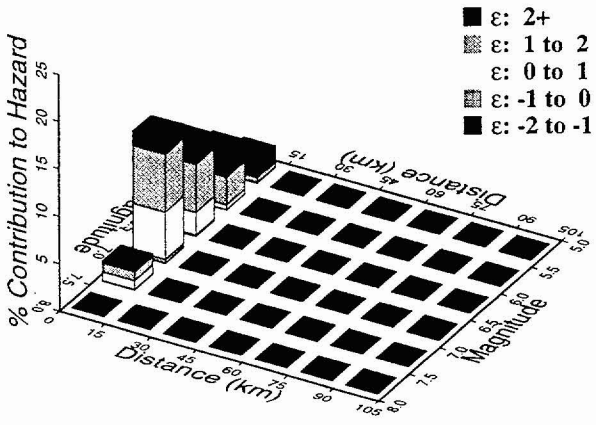
1 Hz, ASM Area Sources



1 Hz, ASM Regional Faults



1 Hz, ASM Local Faults (Single)



1 Hz, ASM Local Faults (Mult.)

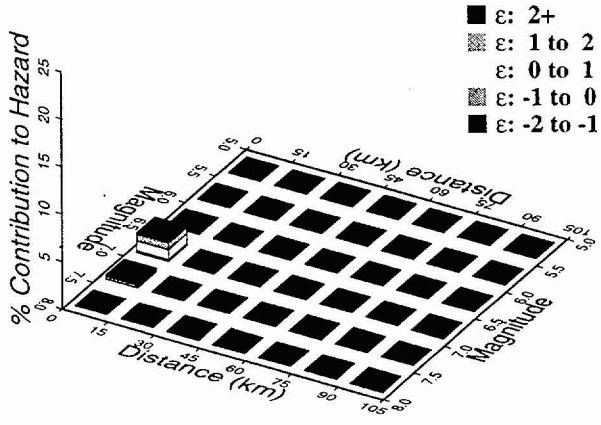


Figure 7-58 Magnitude-distance-epsilon distributions for the four source types: ASM team, 1-Hz horizontal spectral acceleration

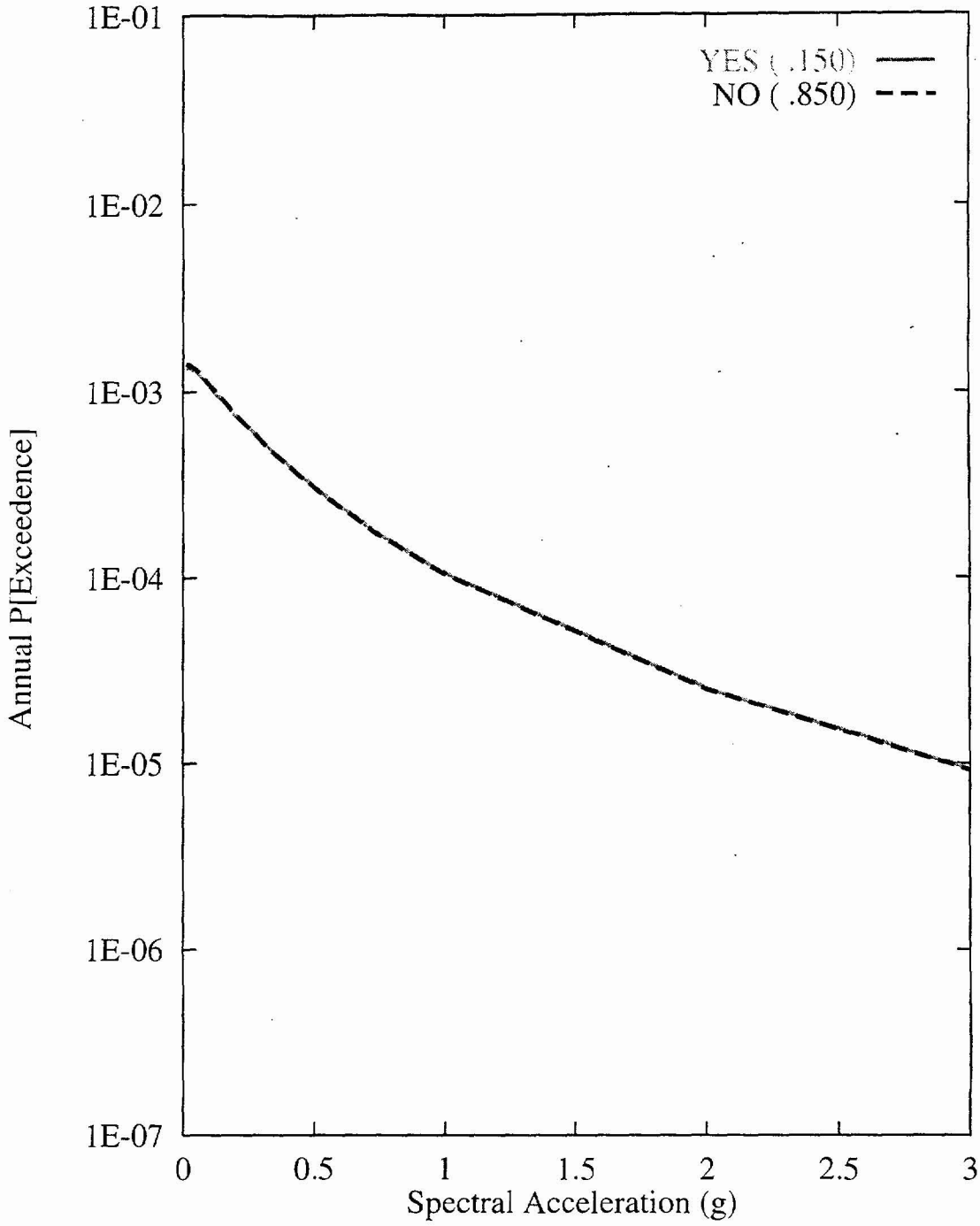


Figure 7-59 Sensitivity of seismic hazard from local faults to existence of detachment: ASM team, 10-Hz horizontal spectral acceleration

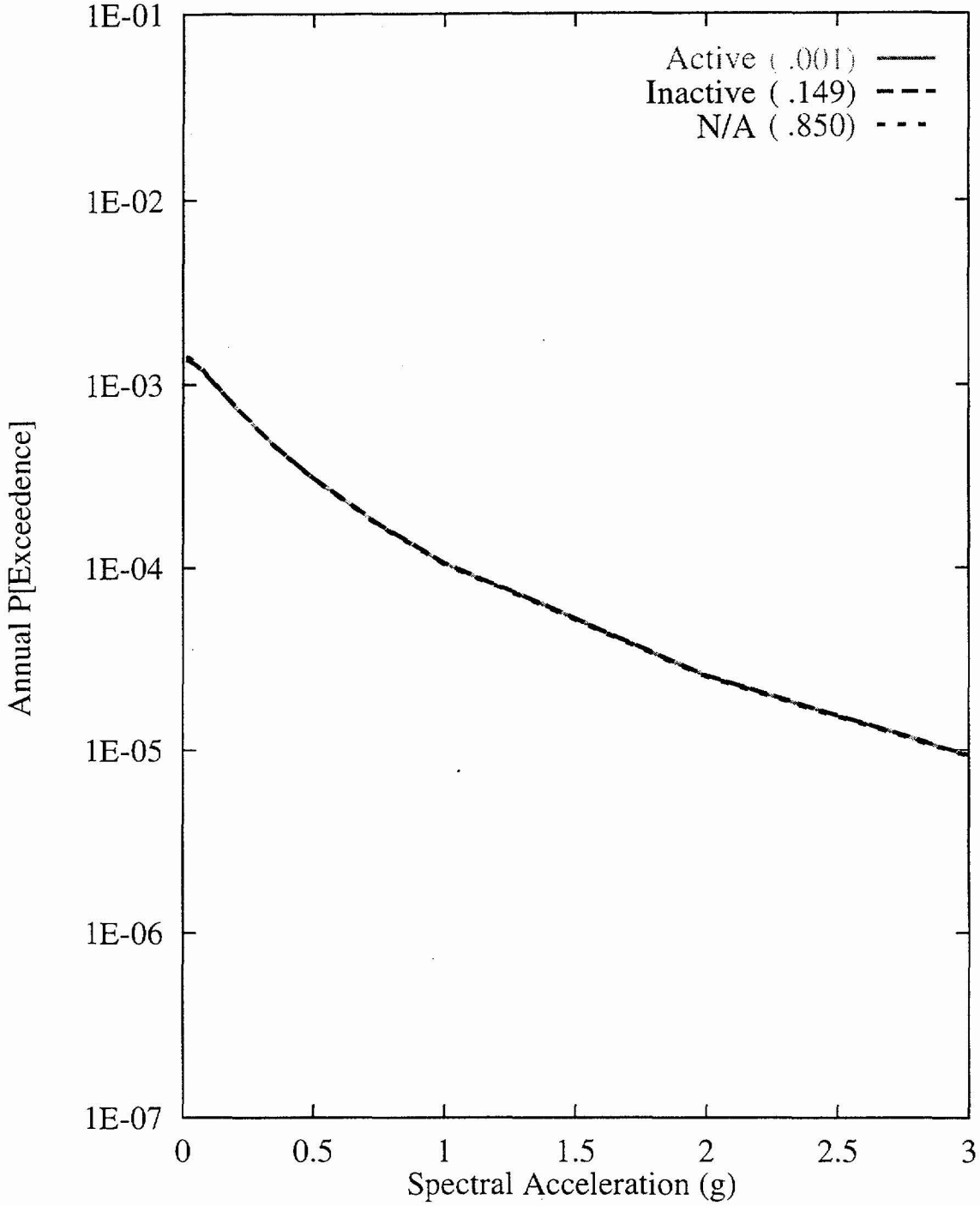


Figure 7-60 Sensitivity of seismic hazard from local faults to activity of datachment: ASM team, 10-Hz horizontal spectral acceleration

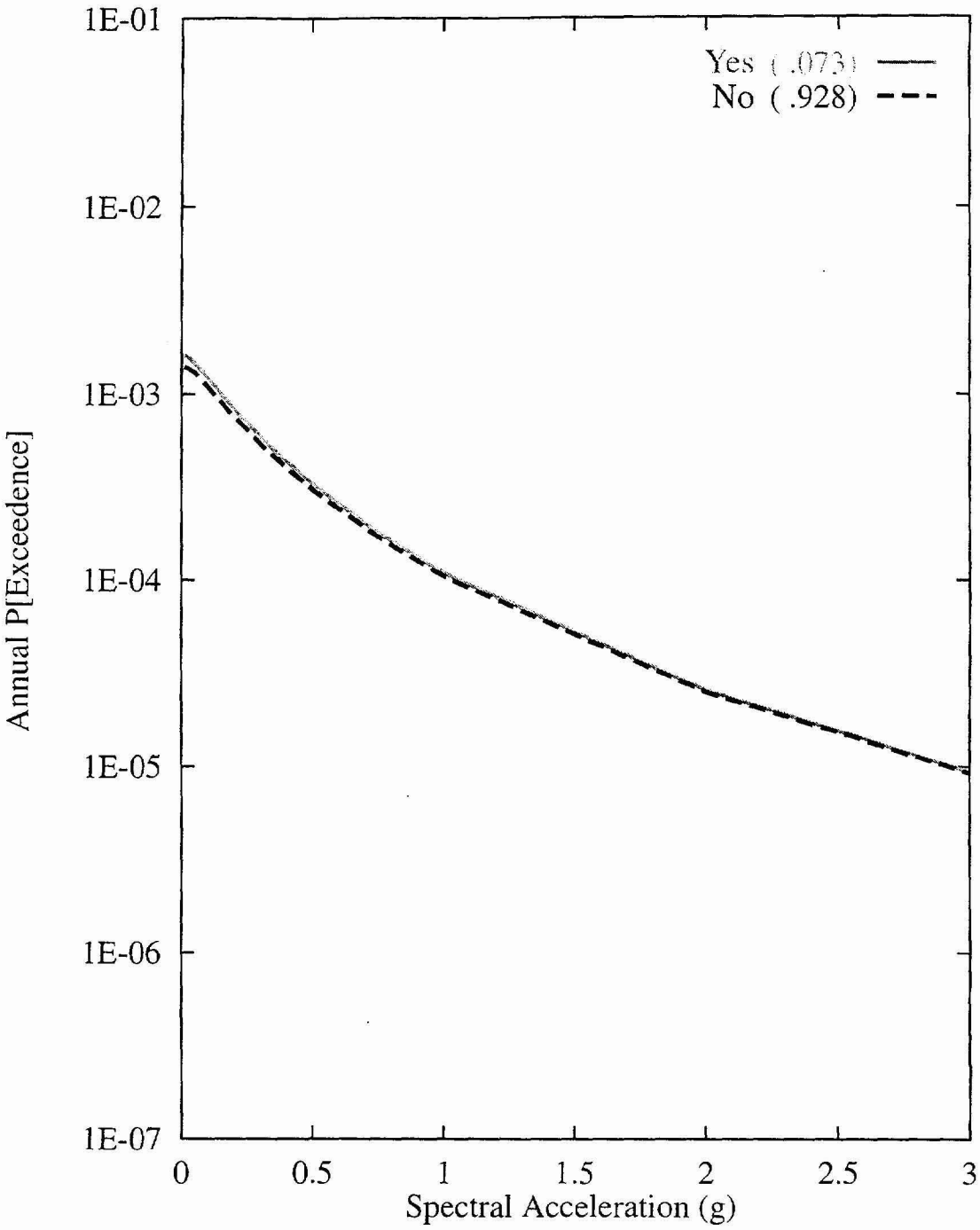


Figure 7-61 Sensitivity of seismic hazard from local faults to existence of buried strike-slip fault: ASM team, 10-Hz horizontal spectral acceleration

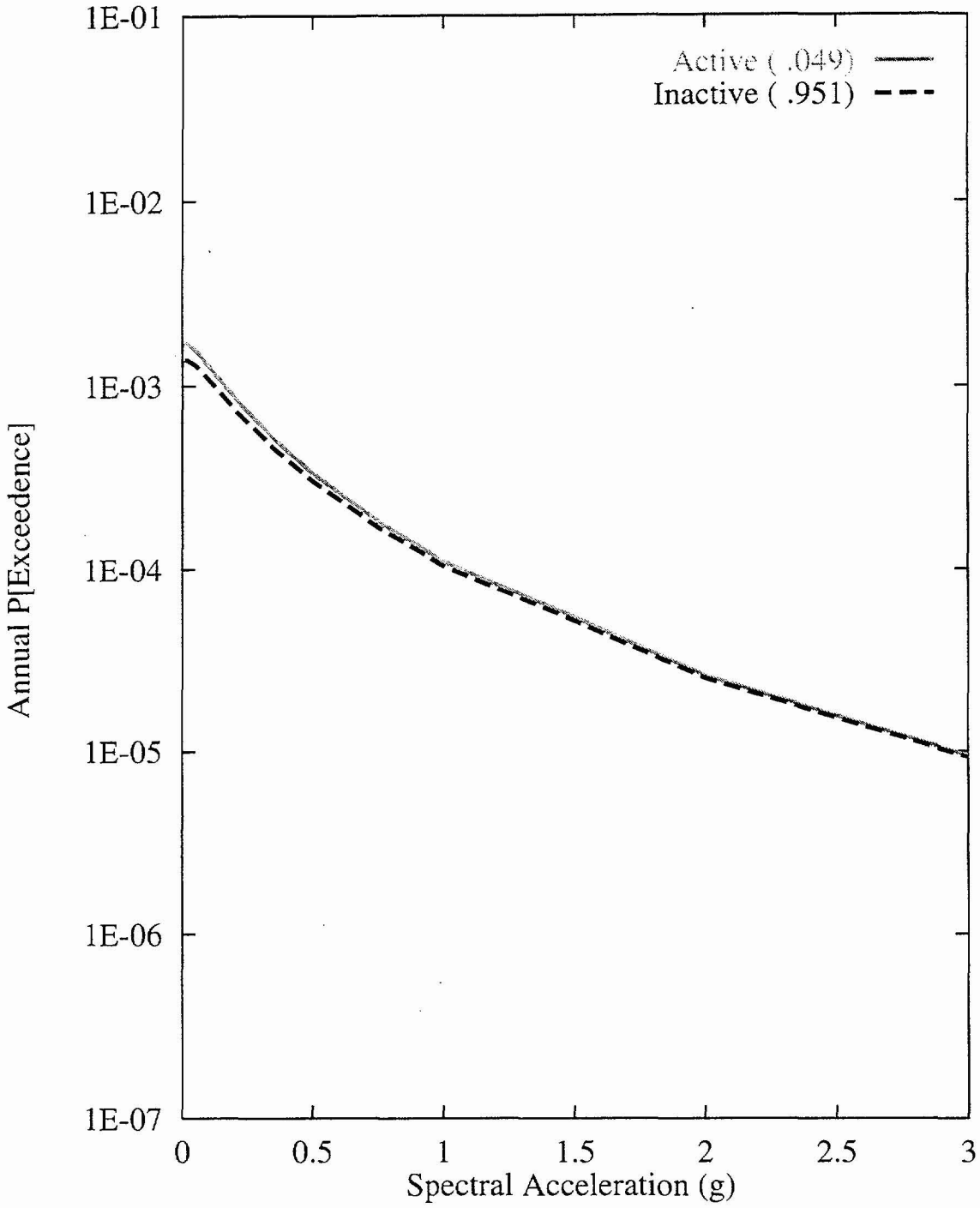


Figure 7-62 Sensitivity of seismic hazard from local faults to activity of buried-strike-slip fault: ASM team, 10-Hz horizontal spectral acceleration

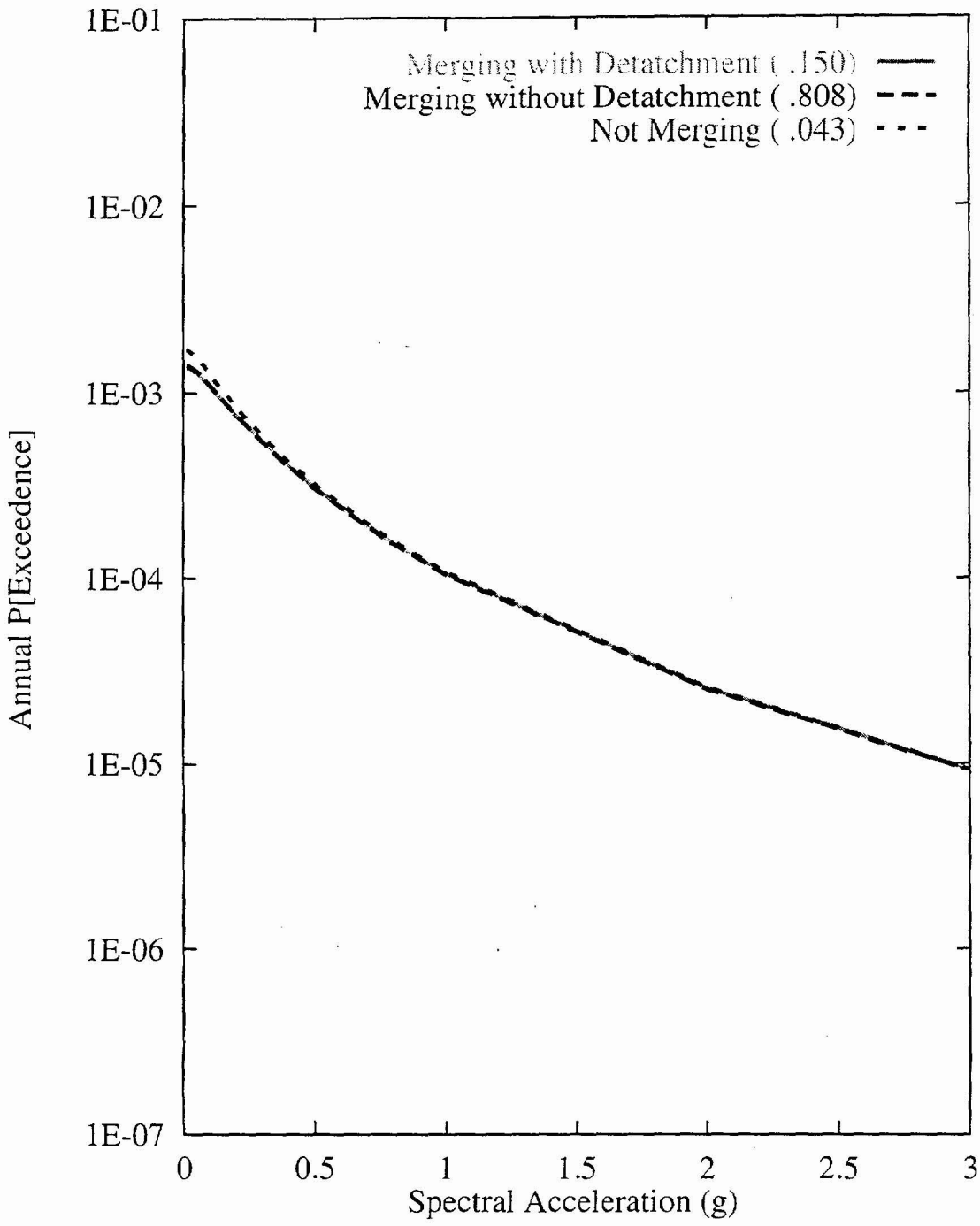


Figure 7-63 Sensitivity of seismic hazard from local faults to down-dip geometry: ASM team, 10-Hz horizontal spectral acceleration

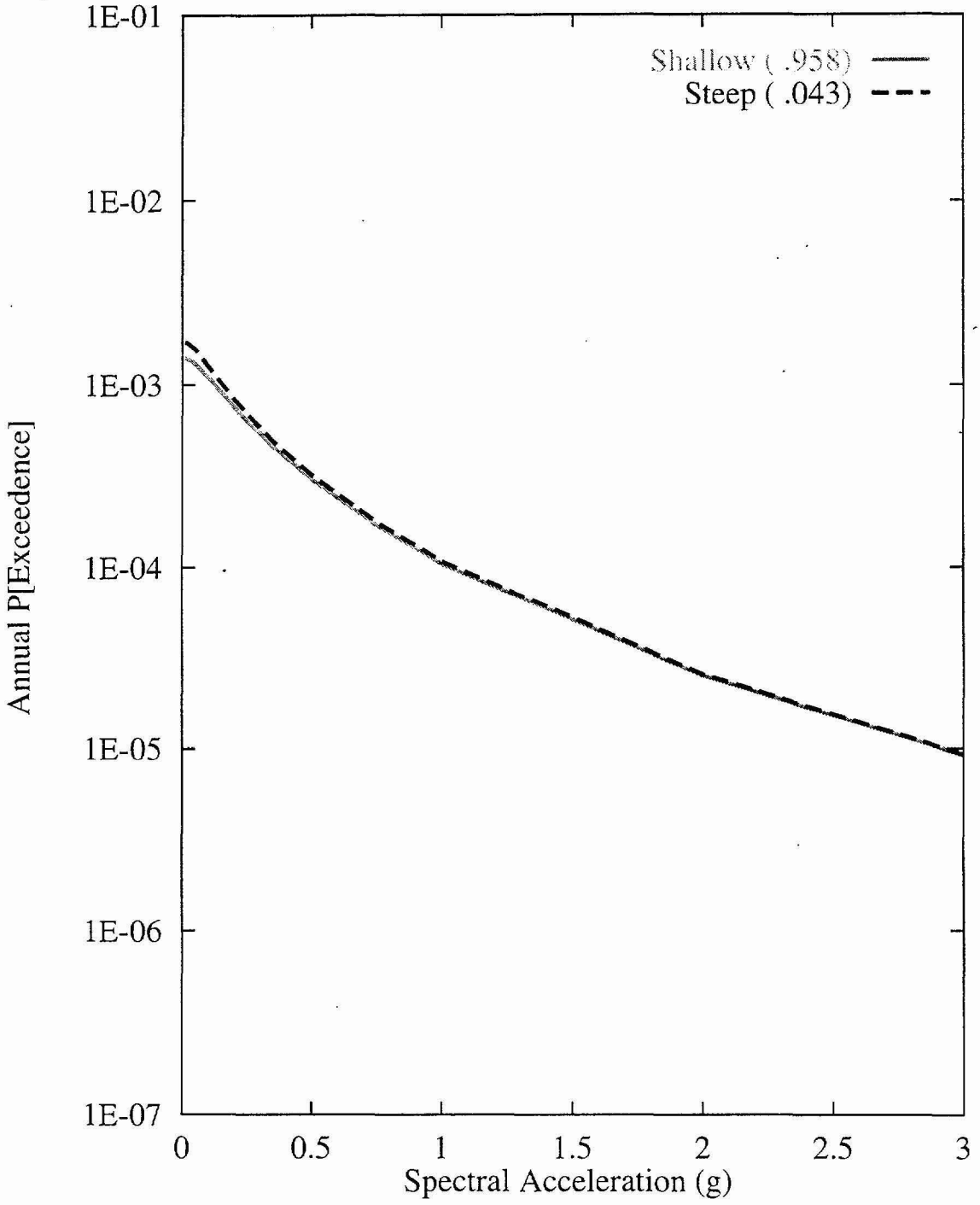


Figure 7-64 Sensitivity of seismic hazard from local faults to fault dip: ASM team, 10-Hz horizontal spectral acceleration

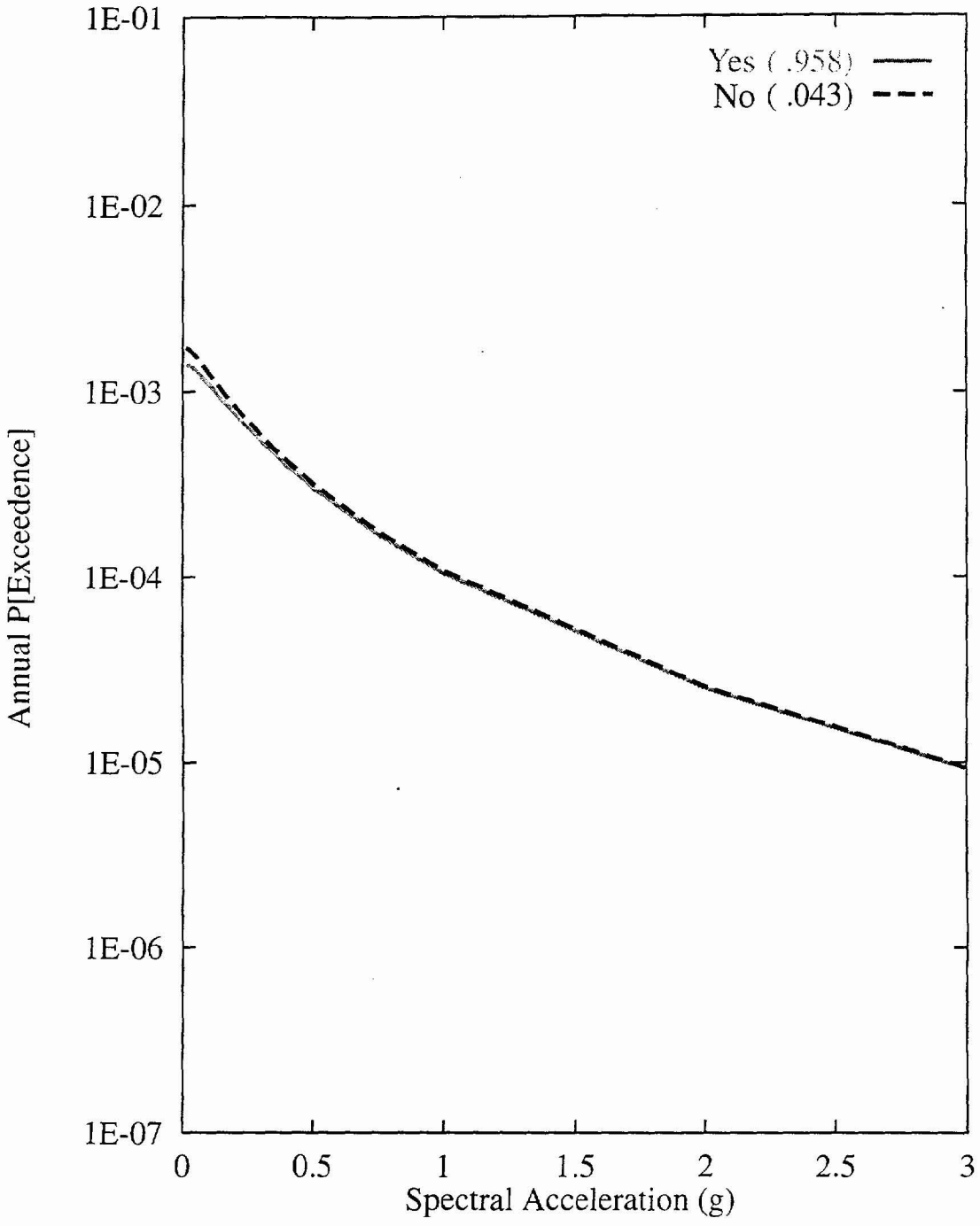


Figure 7-65 Sensitivity of seismic hazard from local faults to fault merging: ASM team, 10-Hz horizontal spectral acceleration

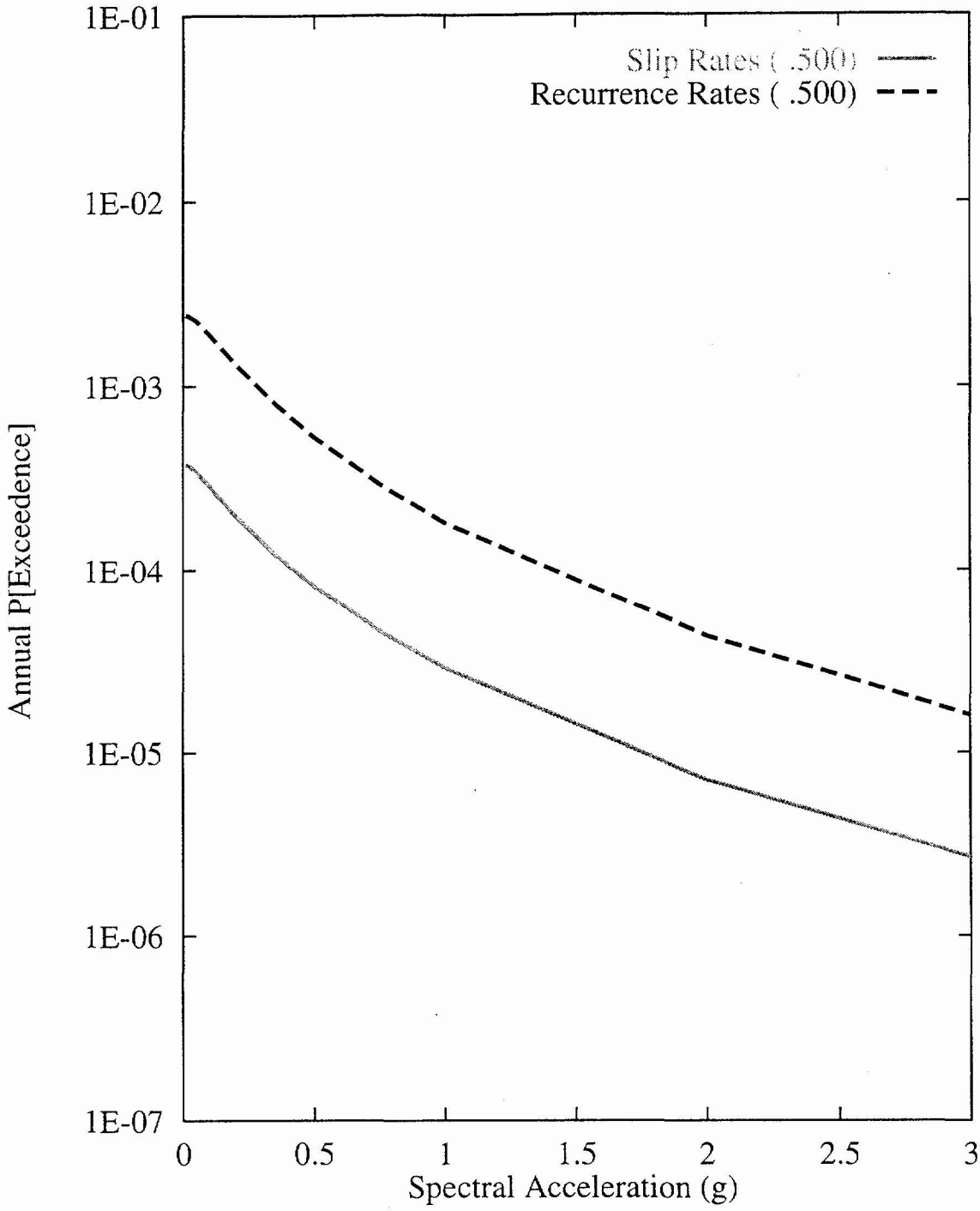


Figure 7-66 Sensitivity of seismic hazard from local faults to recurrence approach: ASM team, 10-Hz horizontal spectral acceleration

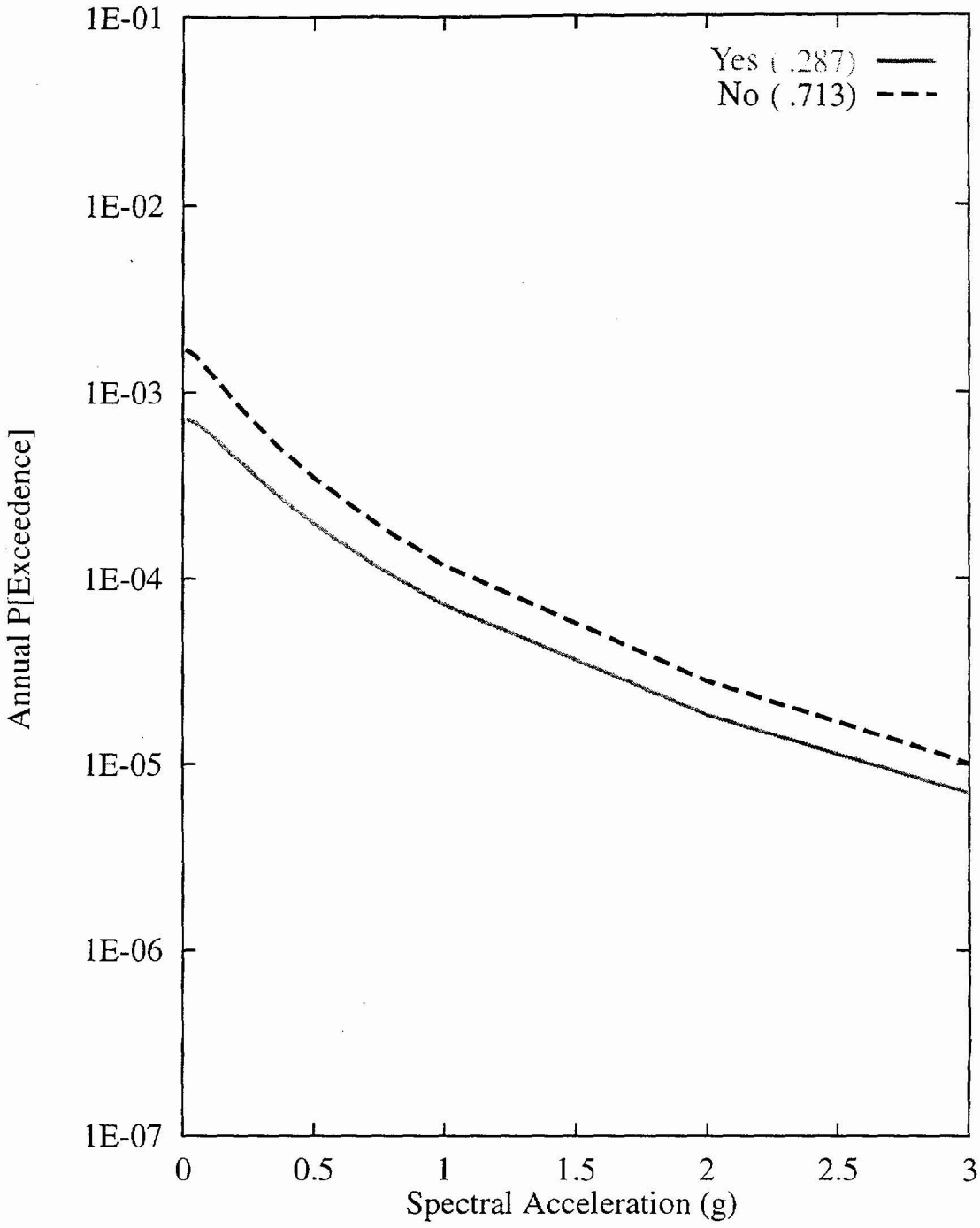


Figure 7-67 Sensitivity of seismic hazard from local faults to simultaneous ruptures: ASM team, 10-Hz horizontal spectral acceleration

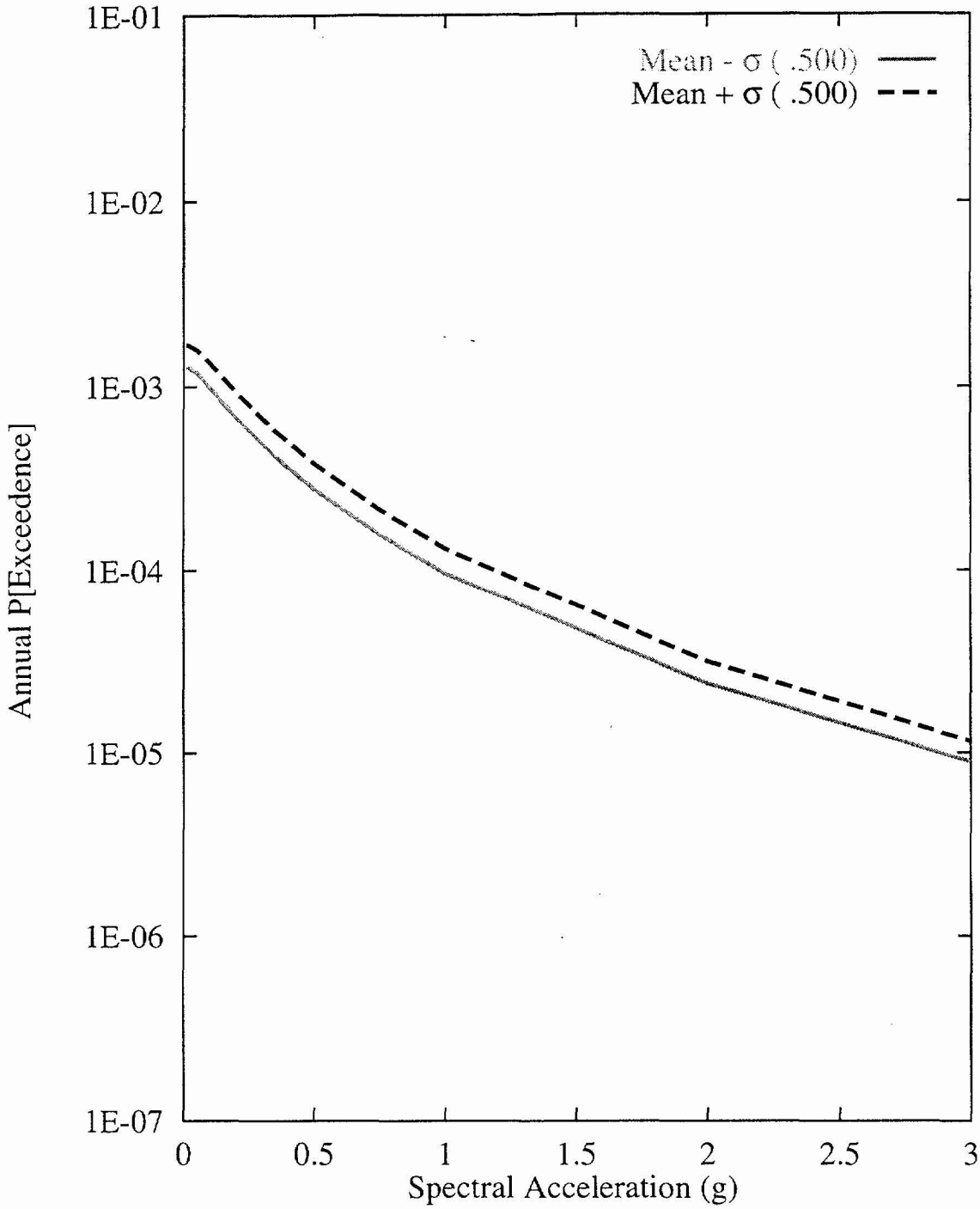


Figure 7-68 Sensitivity of seismic hazard from local faults to Mmax, Stagecoach Road-Paintbrush Canyon faults: ASM team, 10-Hz horizontal spectral acceleration

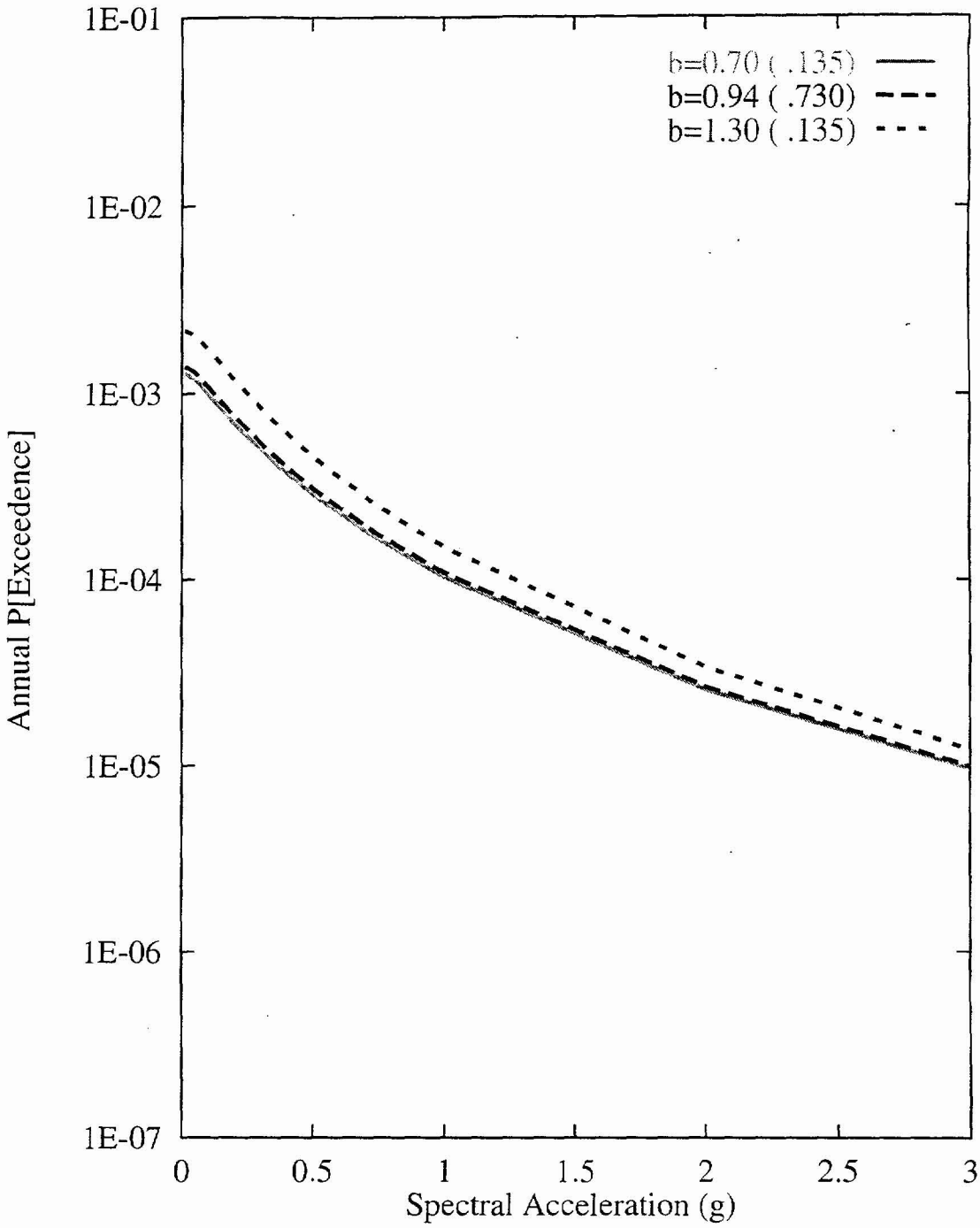


Figure 7-69 Sensitivity of seismic hazard from local faults to b-value, Stagecoach Road-Paintbrush Canyon fault system: ASM team, 10-Hz horizontal spectral acceleration

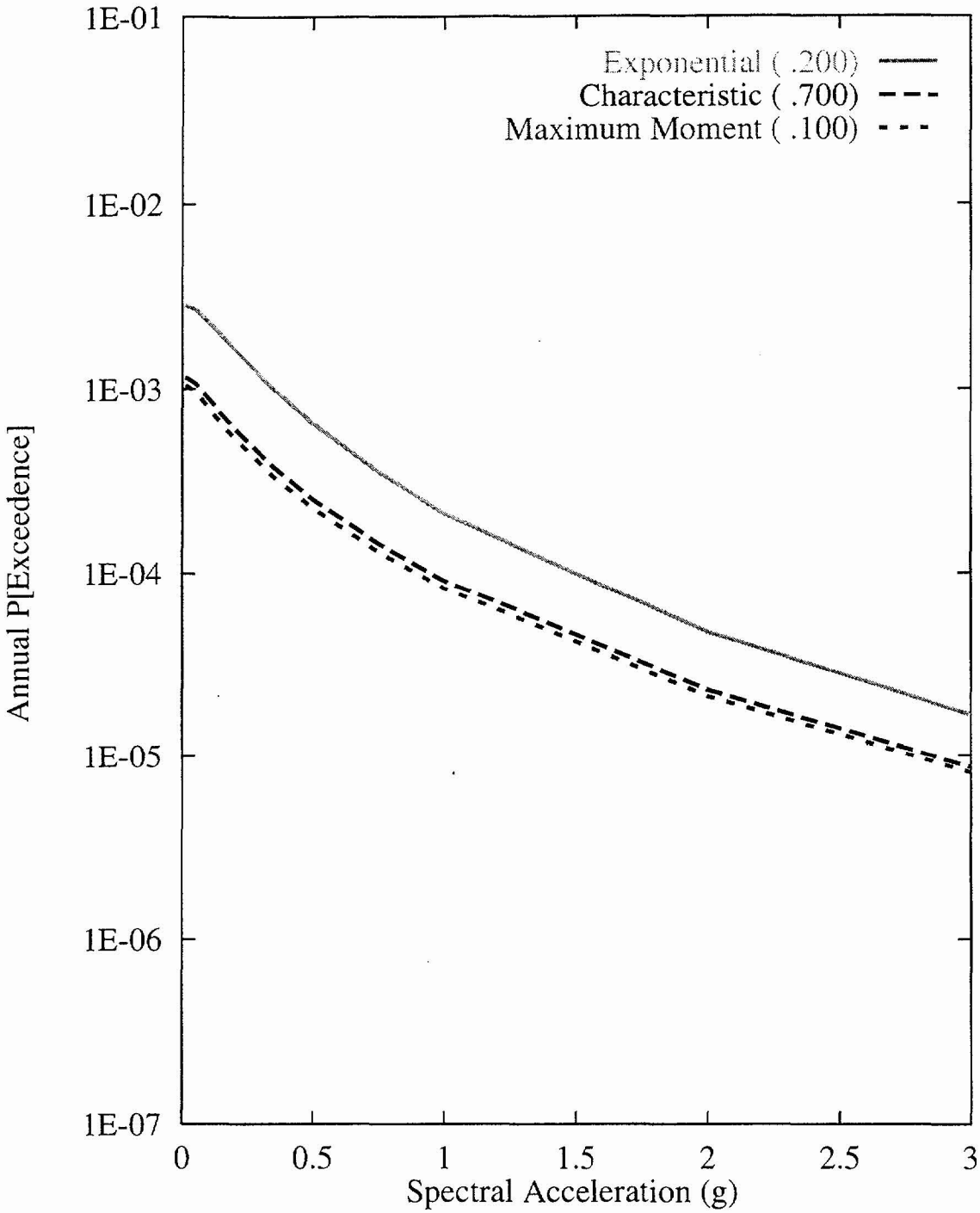


Figure 7-70 Sensitivity of seismic hazard from local faults to recurrence model, Stagecoach Road-Paintbrush Canyon fault system: ASM team, 10-Hz horizontal spectral acceleration

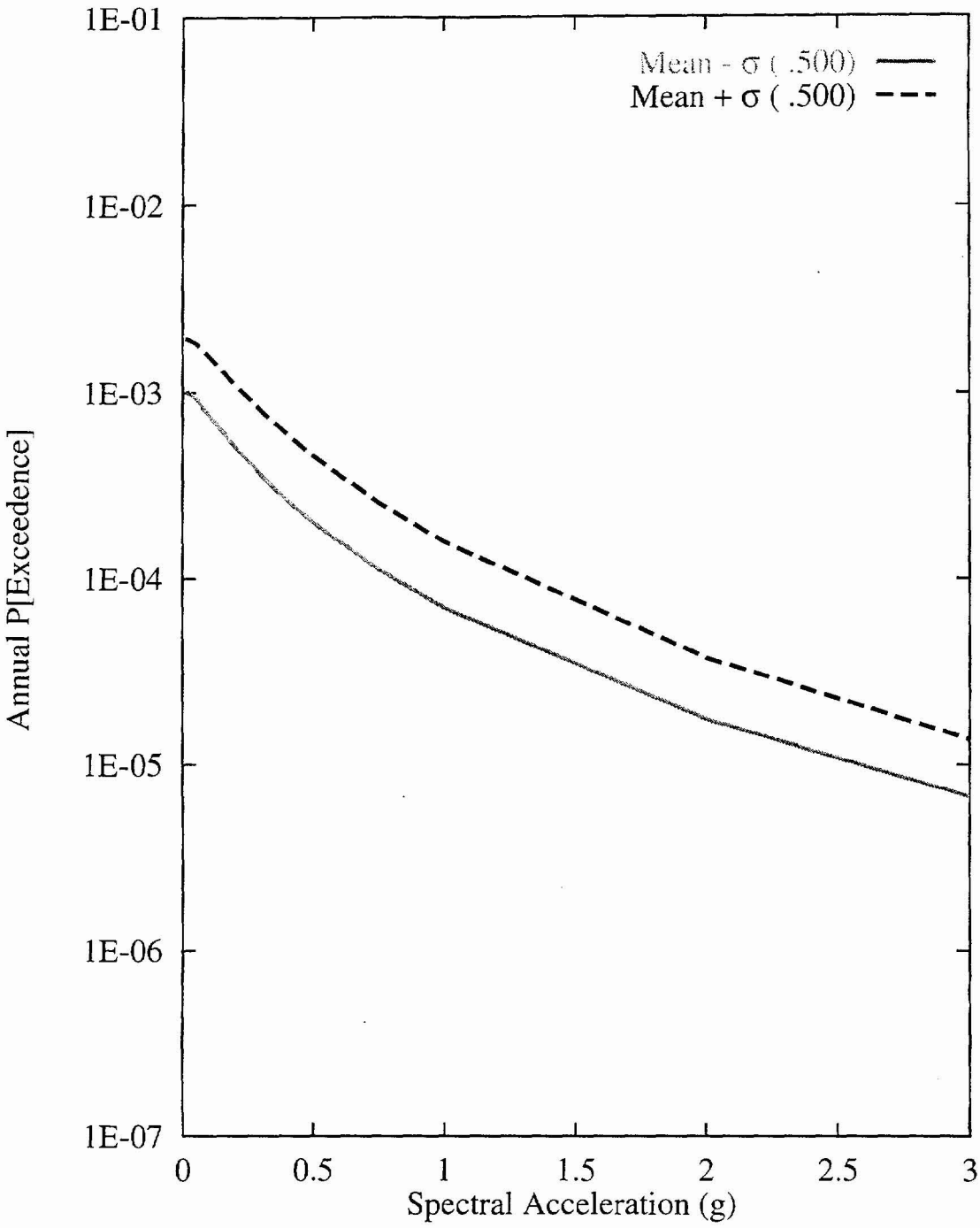


Figure 7-71 Sensitivity of seismic hazard from local faults to recurrence, Stagecoach Road- Paintbrush Canyon fault system: ASM team, 10-Hz horizontal spectral acceleration

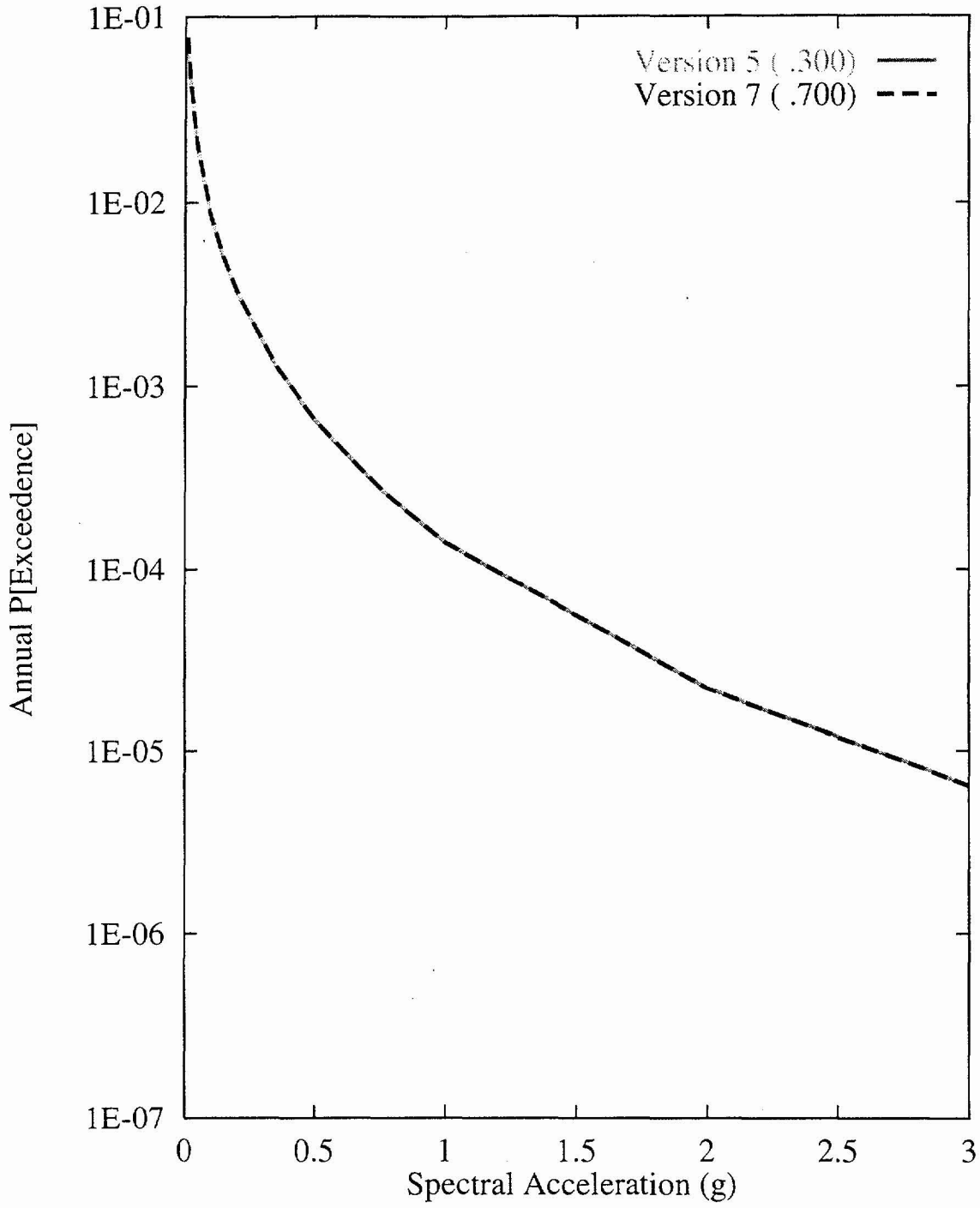


Figure 7-72 Sensitivity of seismic hazard from area zones to choice of seismicity catalog: ASM team, 10-Hz horizontal spectral acceleration

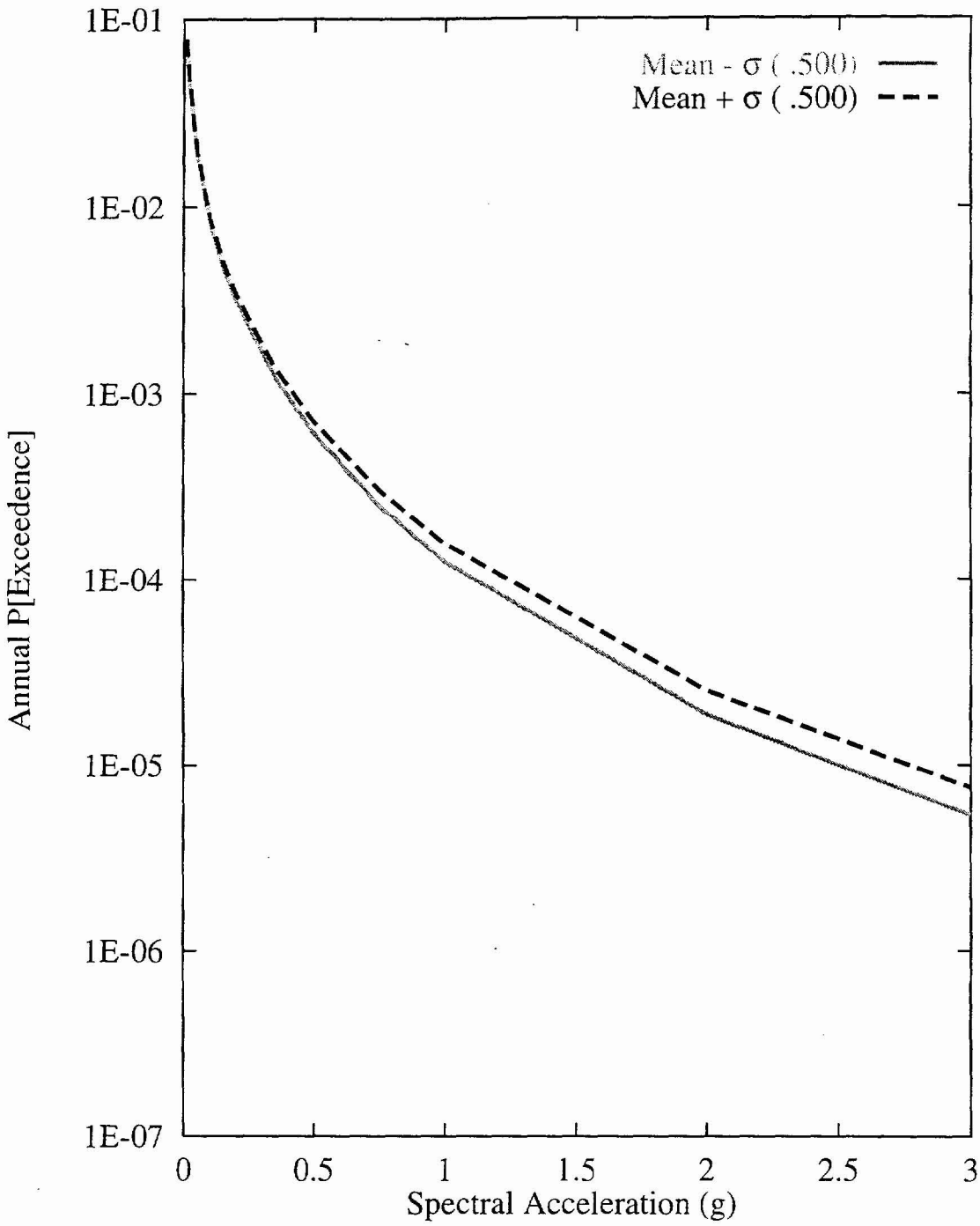


Figure 7-73 Sensitivity of seismic hazard from area zones to Mmax of the Walker Lane local source: ASM team, 10-Hz horizontal spectral acceleration

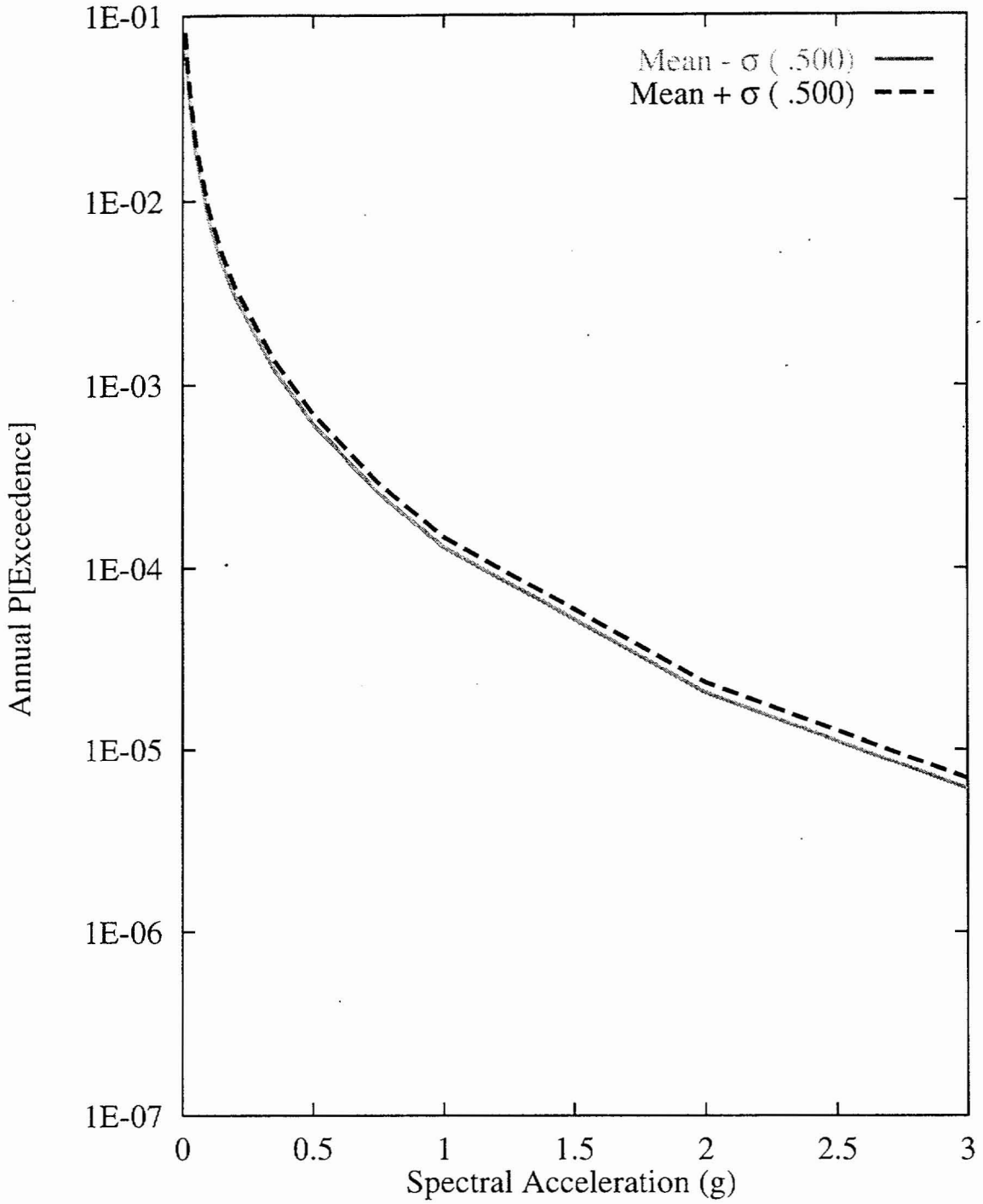


Figure 7-74 Sensitivity of seismic hazard from area zones to recurrence of the Walker Lane local source: ASM team, 10-Hz horizontal spectral acceleration

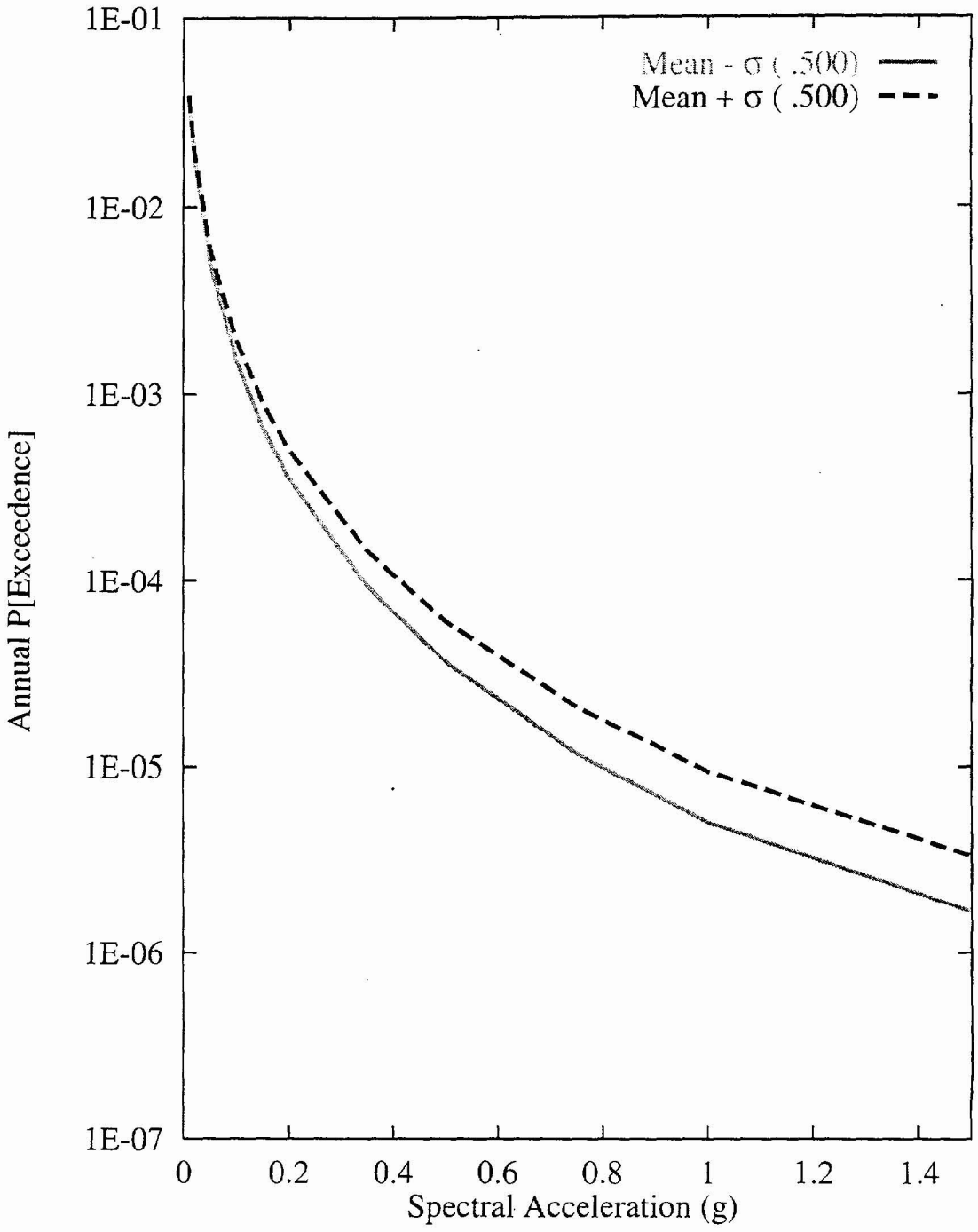


Figure 7-75 Sensitivity of seismic hazard from area zones to Mmax of the Walker Lane local source: ASM team, 1-Hz horizontal spectral acceleration

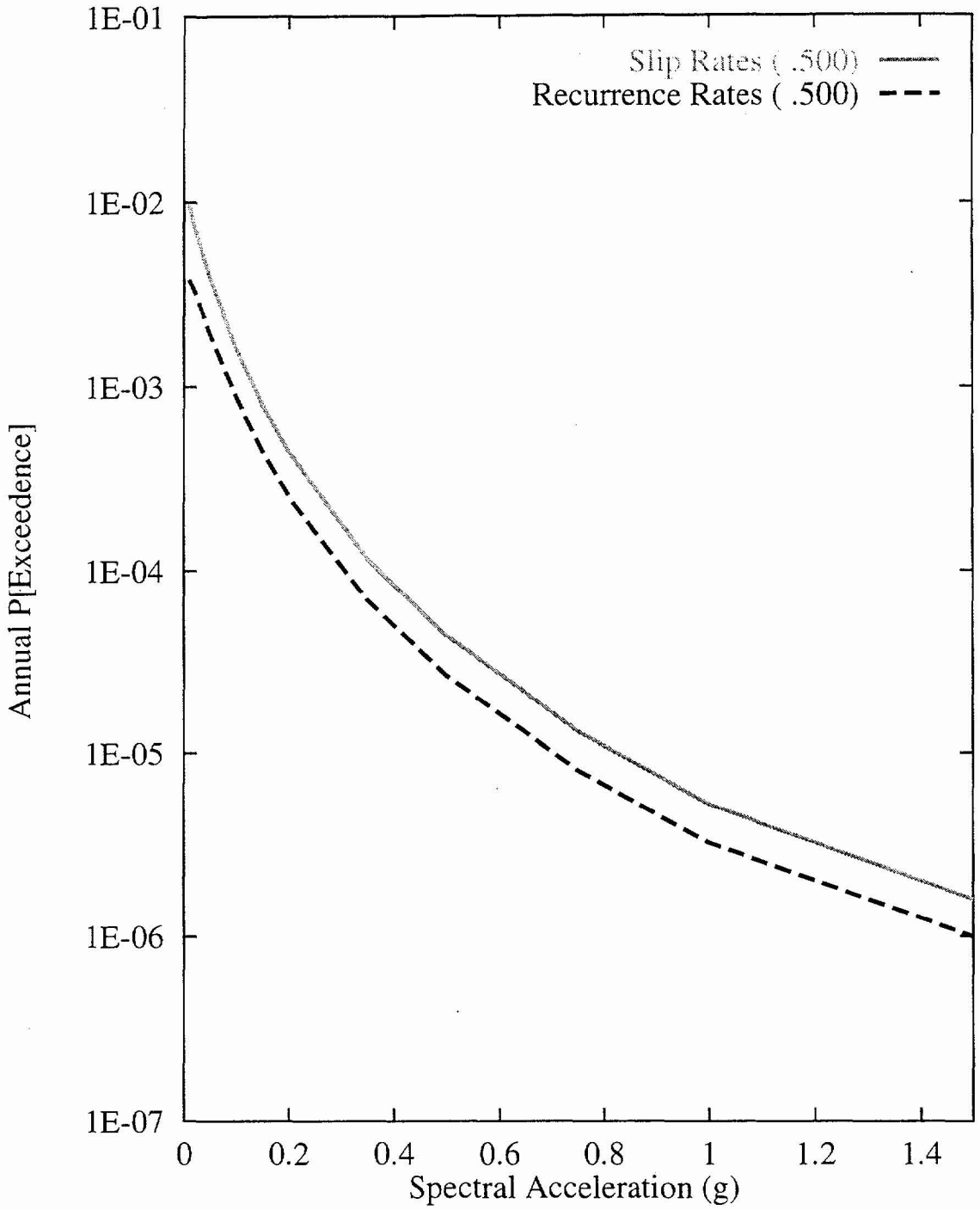


Figure 7-76 Sensitivity of seismic hazard from regional faults to recurrence approach used: ASM team, 1-Hz horizontal spectral acceleration

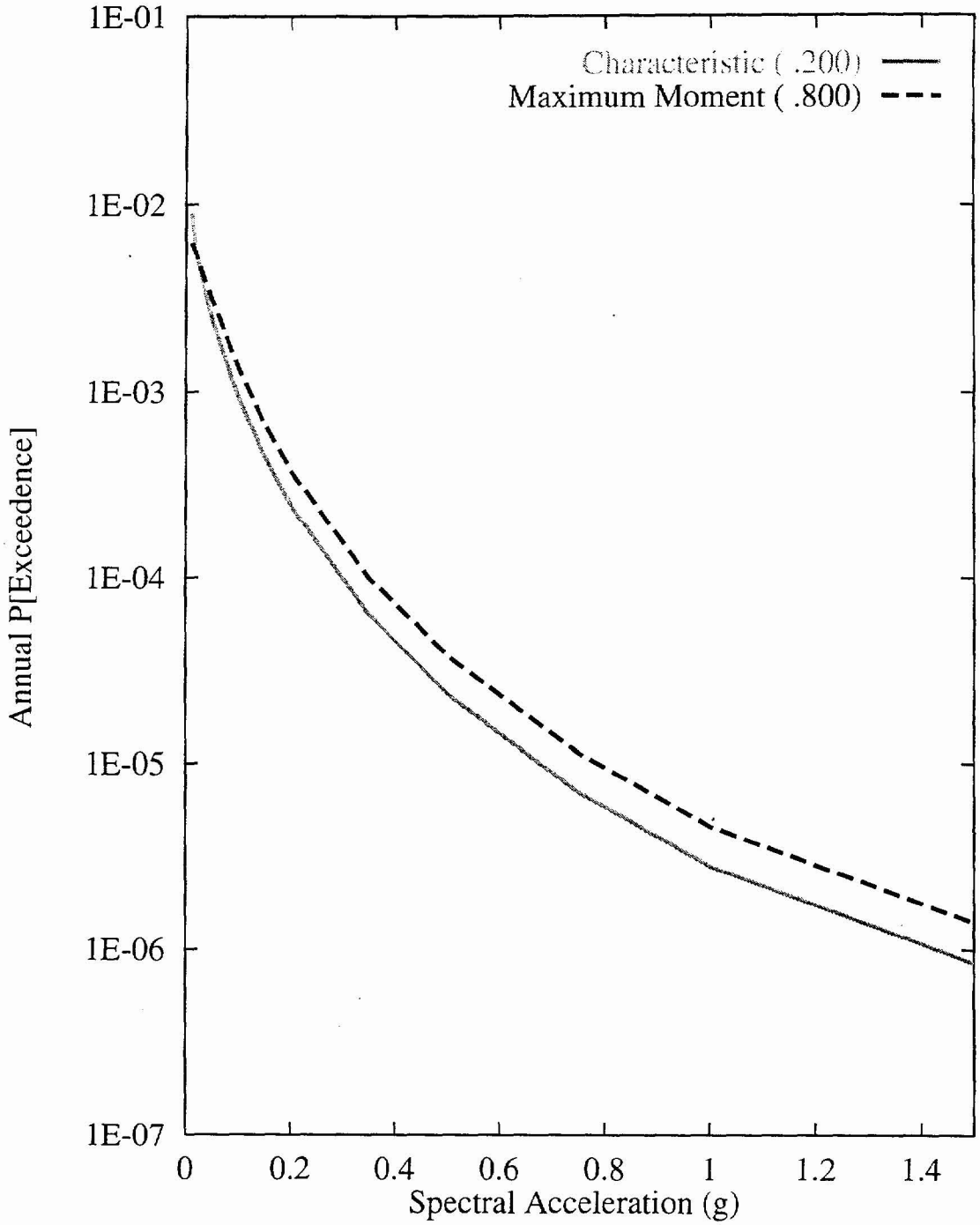


Figure 7-77 Sensitivity of seismic hazard from regional faults to recurrence model: ASM team, 1-Hz horizontal spectral acceleration

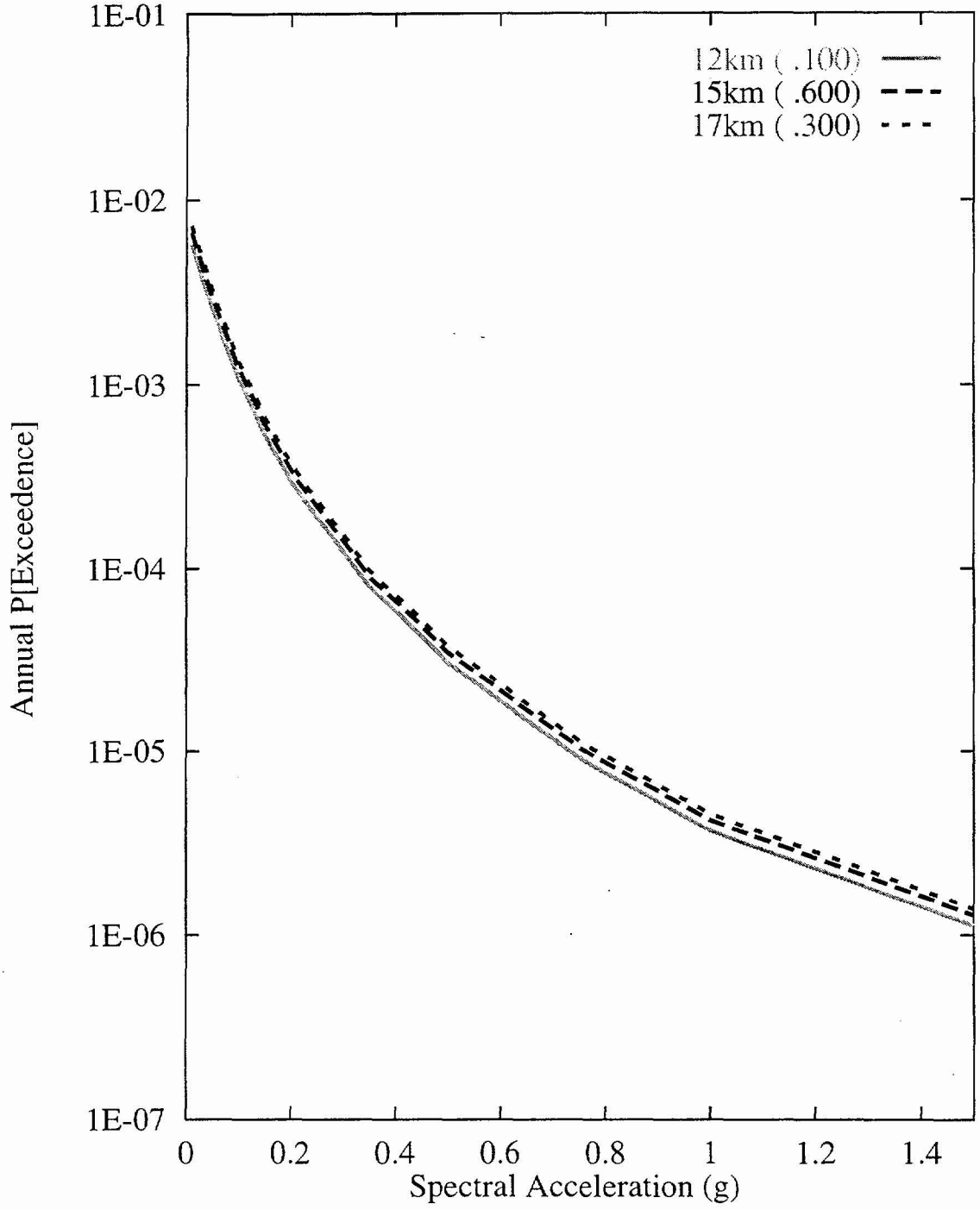


Figure 7-78 Sensitivity of seismic hazard from regional faults to maximum fault depth: ASM team, 1-Hz horizontal spectral acceleration

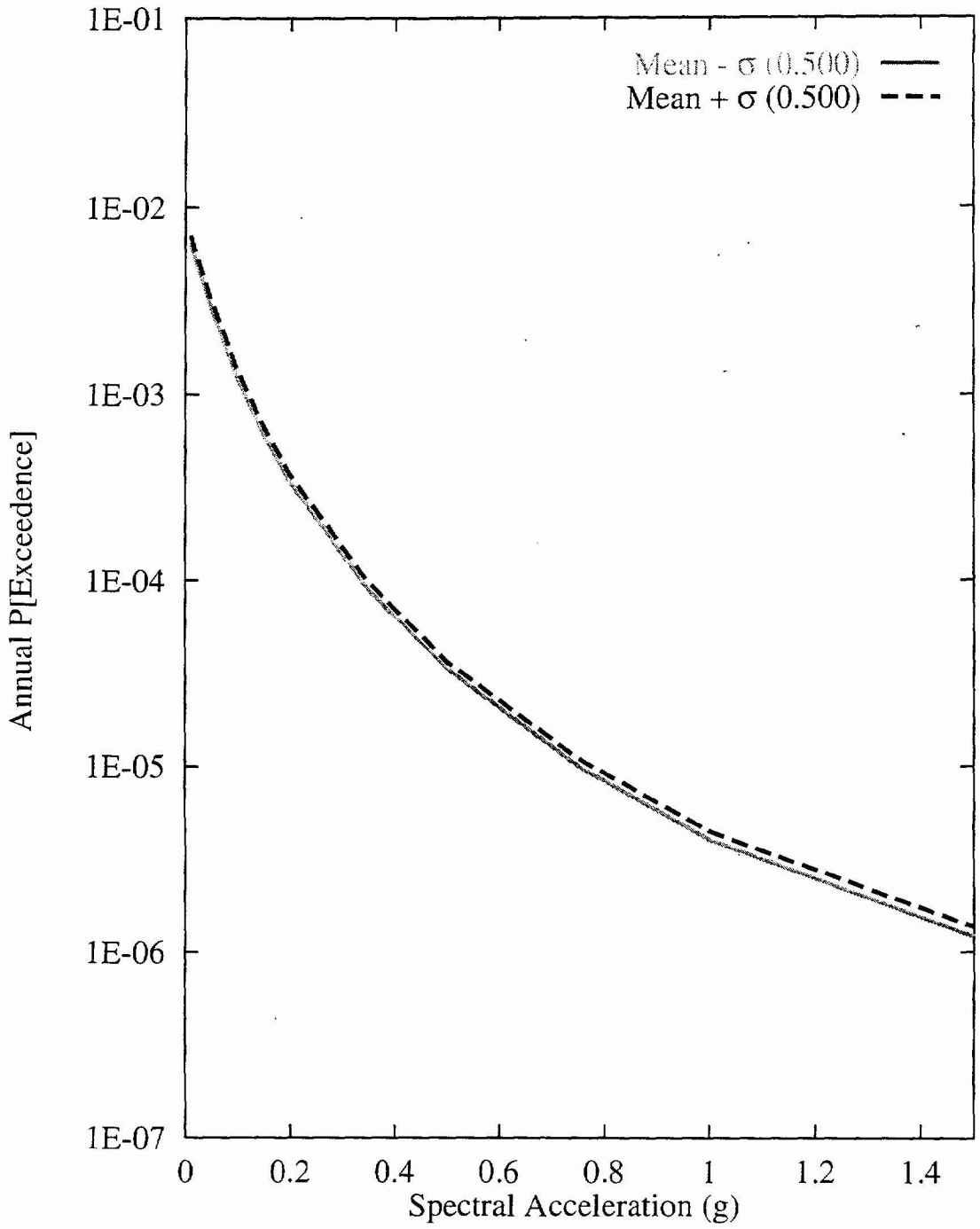


Figure 7-79 Sensitivity of seismic hazard from regional faults to Mmax on the Furnace Creek fault: ASM team, 1-Hz horizontal spectral acceleration

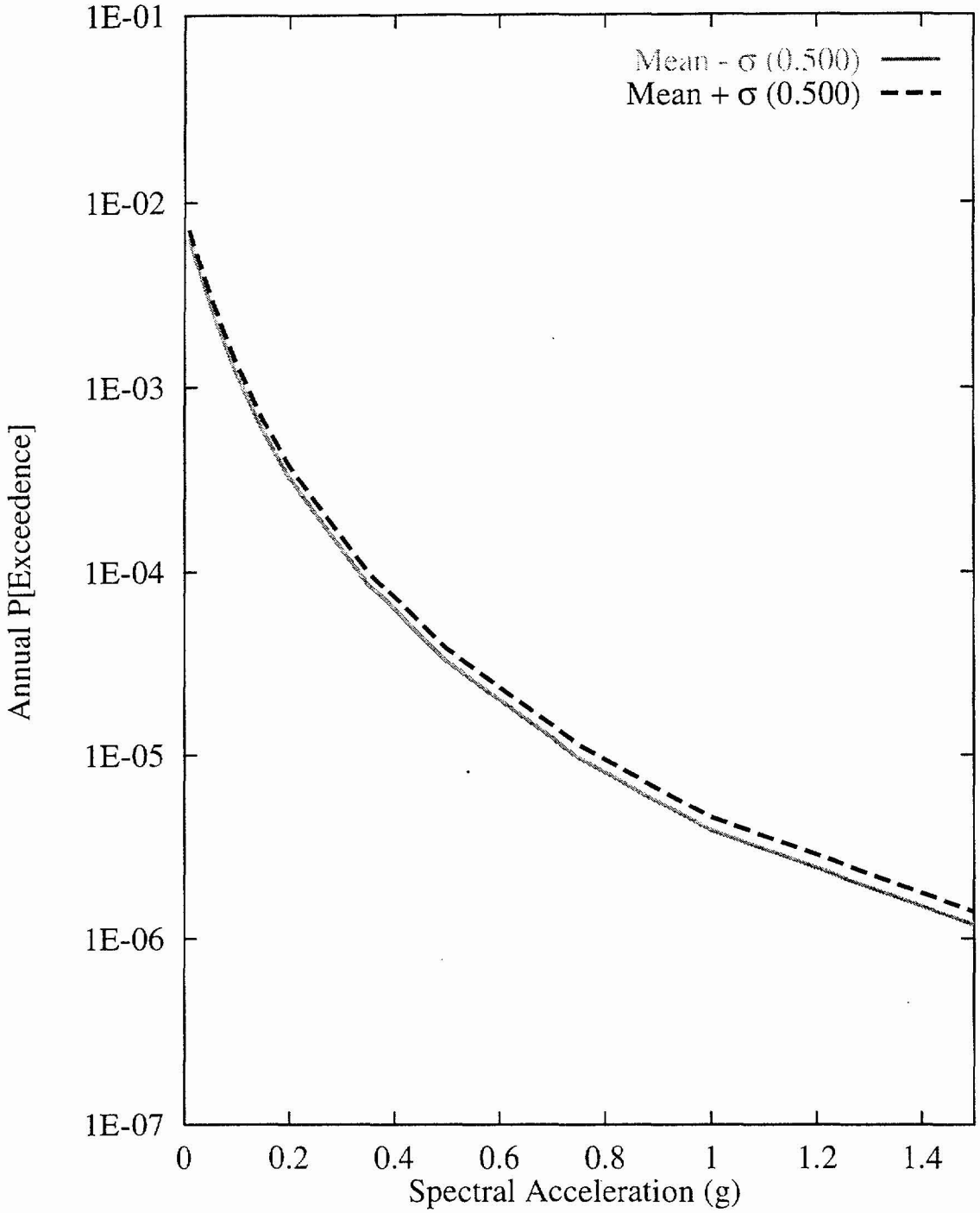


Figure 7-80 Sensitivity of seismic hazard from regional faults to recurrence, Furnace Creek fault: ASM team, 1-Hz horizontal spectral acceleration

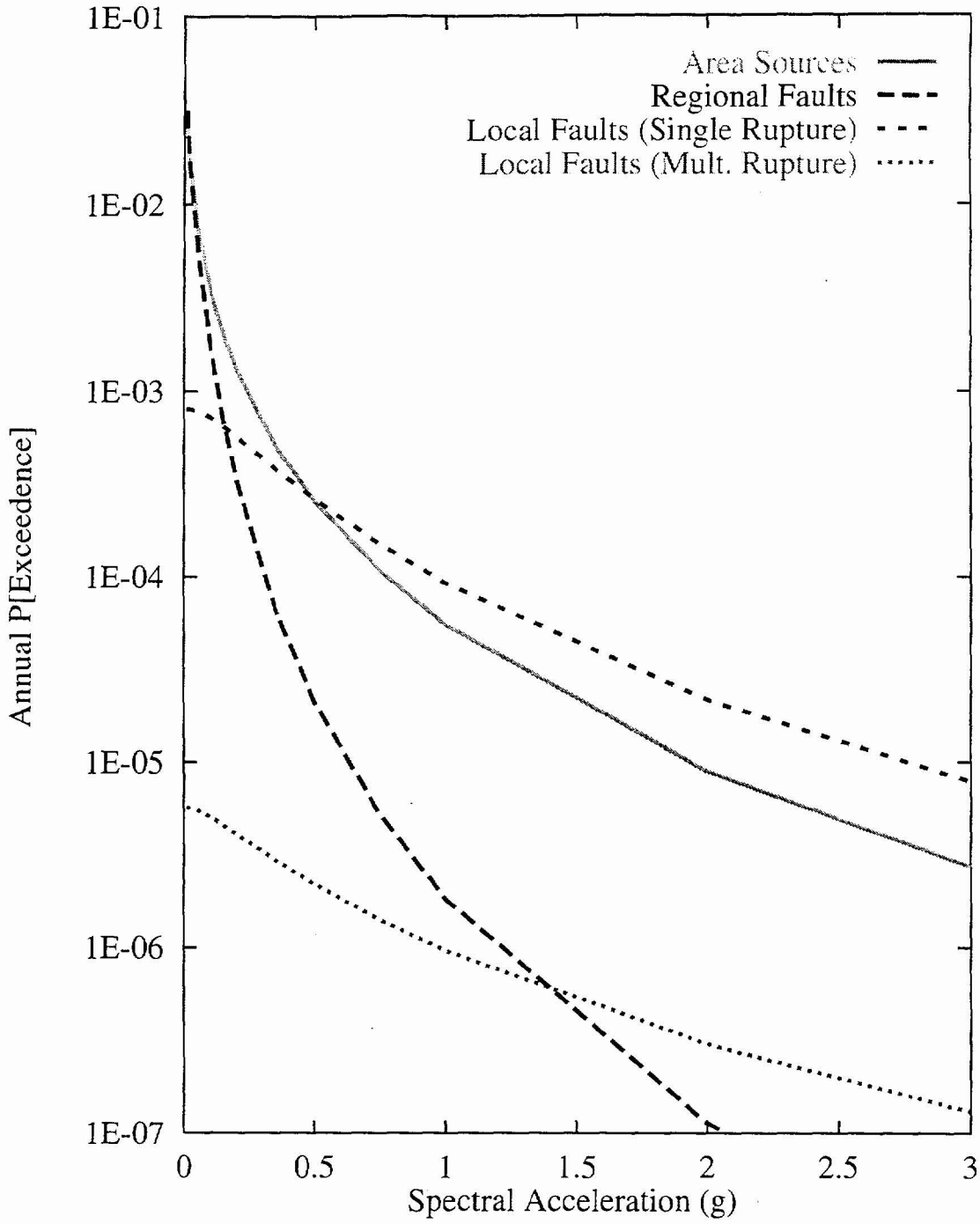


Figure 7-81 Contributions of source types to the mean hazard: DFS team, 10-Hz horizontal spectral acceleration

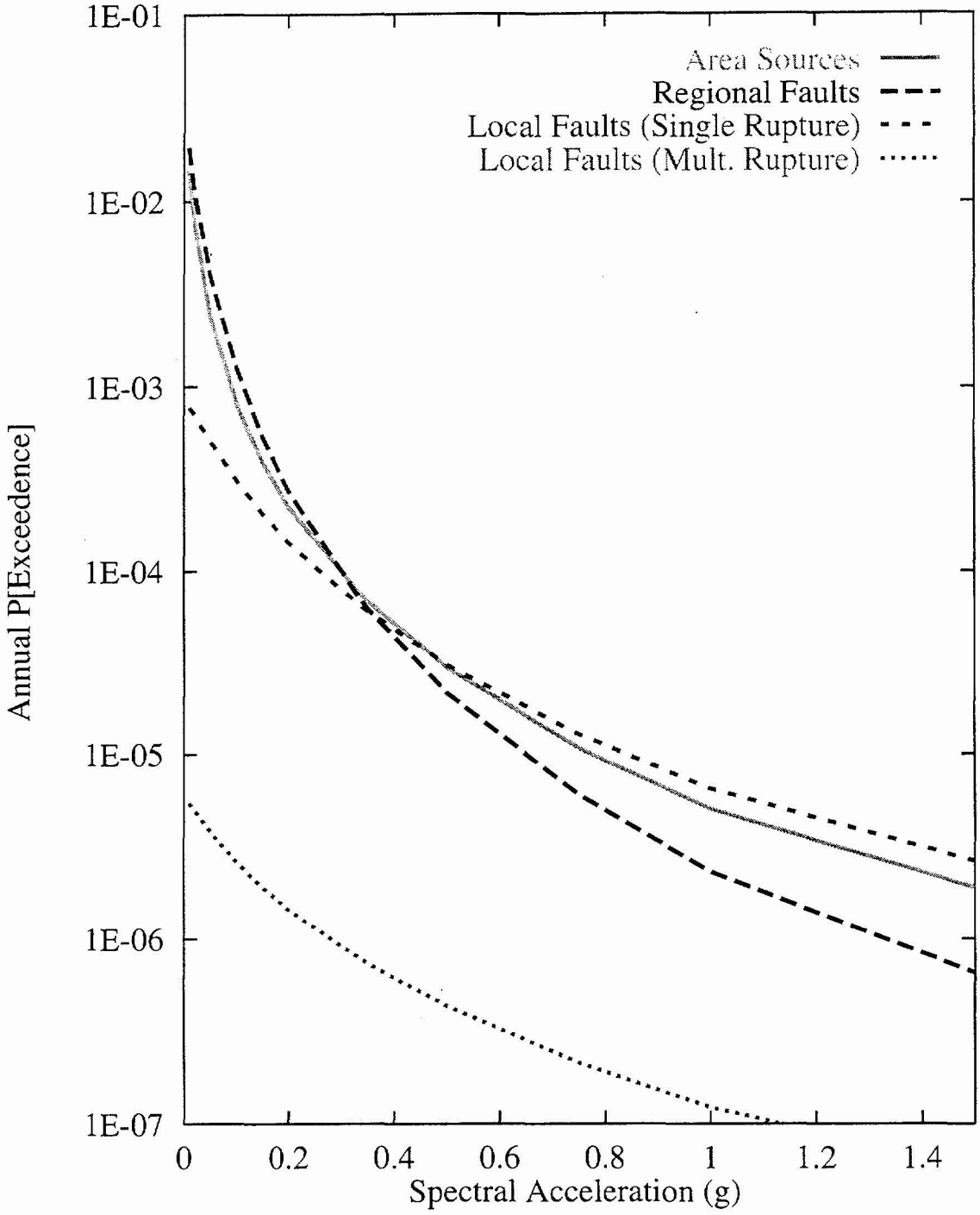


Figure 7-82 Contributions of source types to the mean hazard: DFS team, 1-Hz horizontal spectral acceleration

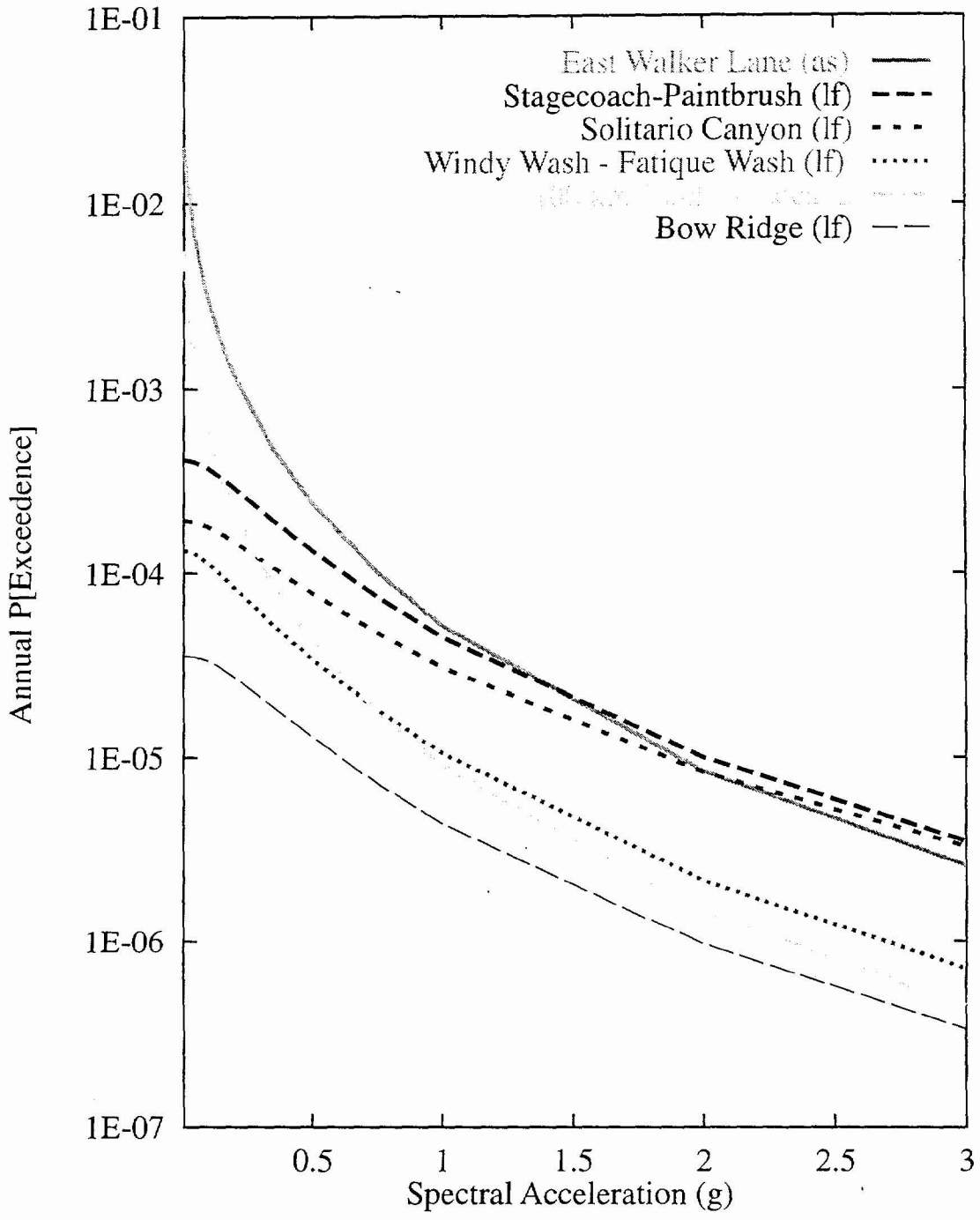


Figure 7-83 Mean seismic hazard from dominant seismic sources: DFS team, 10-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; and lf-local fault.

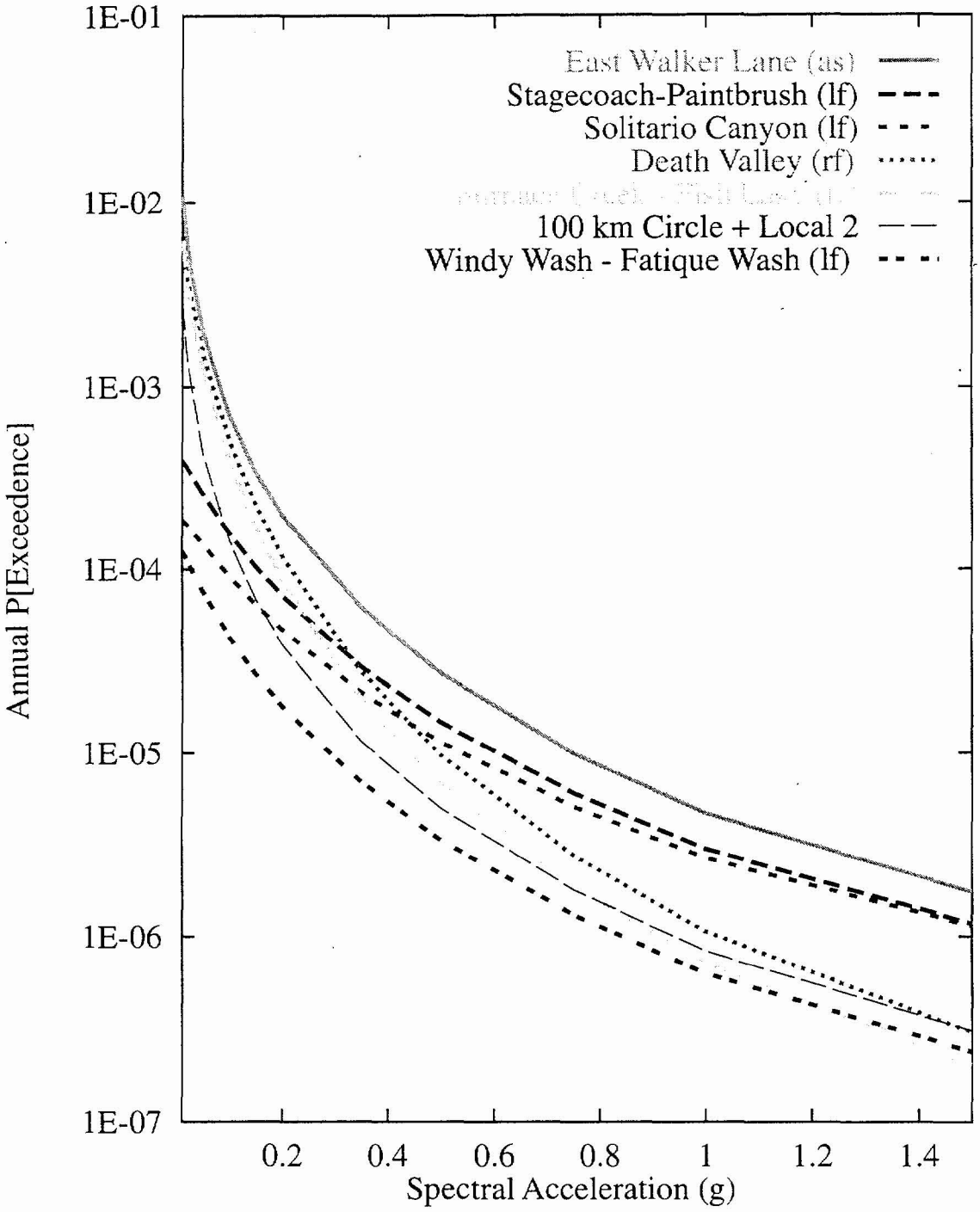


Figure 7-84 Mean seismic hazard from dominant seismic sources: DFS team, 1-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; lf-local fault; and rf-regional fault.

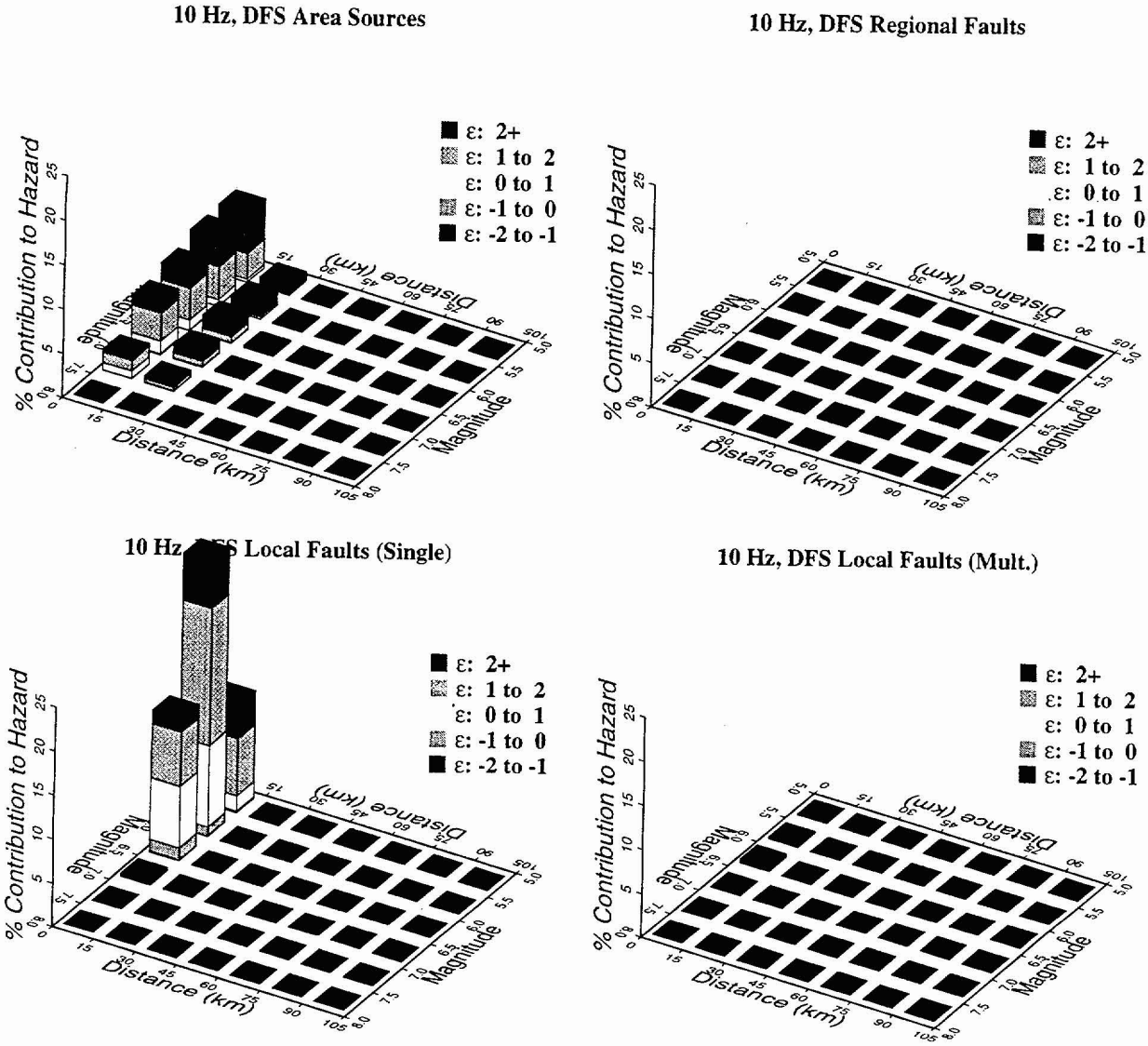
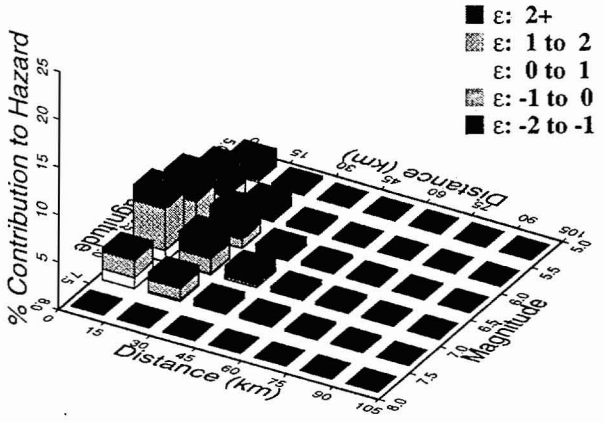
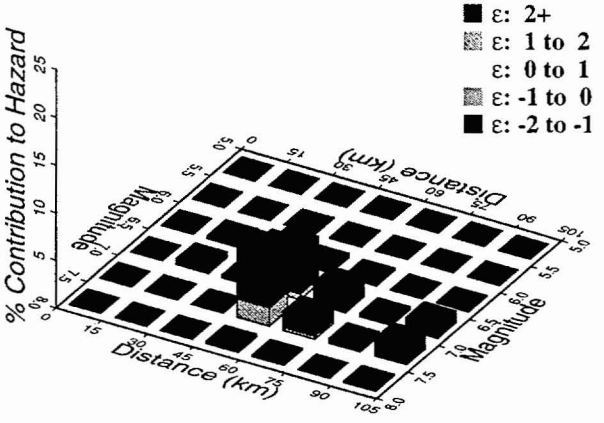


Figure 7-85 Magnitude-distance-epsilon distributions for the four source types: DFS team, 10-Hz horizontal spectral acceleration

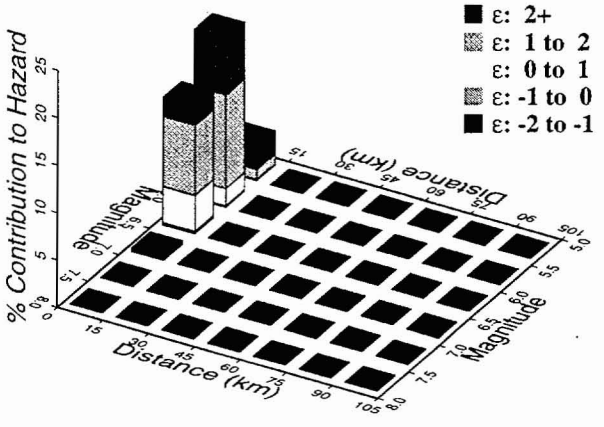
1 Hz, DFS Area Sources



1 Hz, DFS Regional Faults



1 Hz, DFS Local Faults (Single)



1 Hz, DFS Local Faults (Mult.)

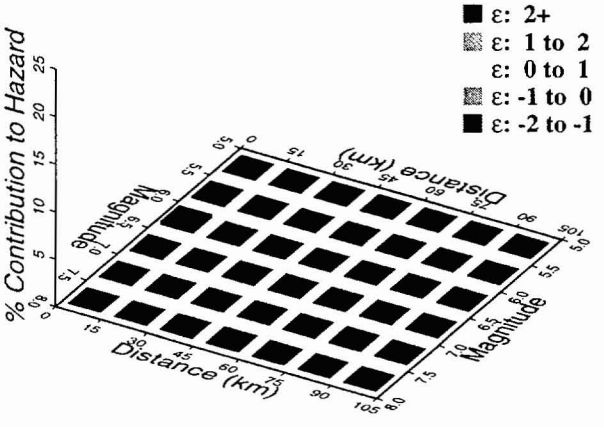


Figure 7-86 Magnitude-distance-epsilon distributions for the four source types: DFS team, 1-Hz horizontal spectral acceleration

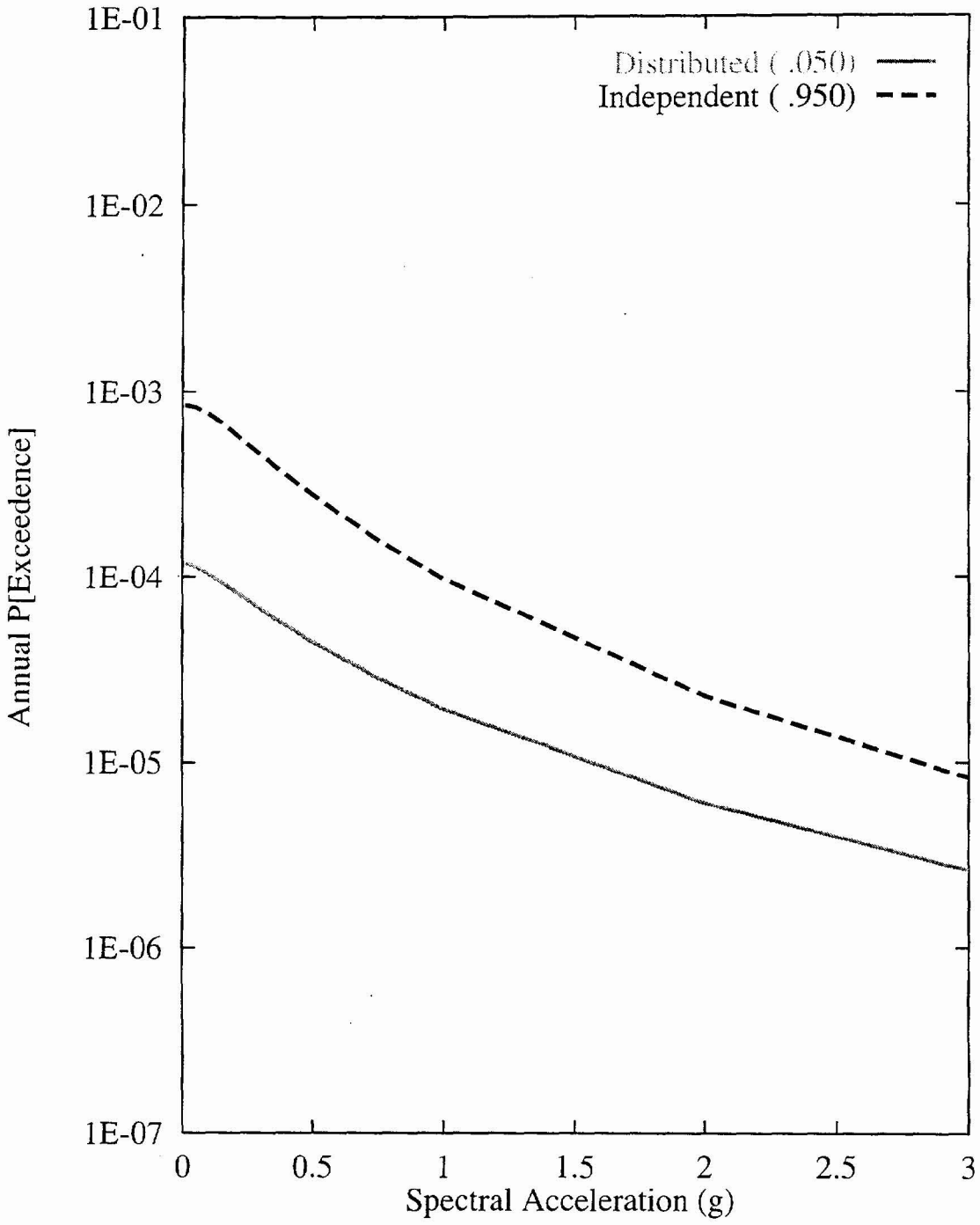


Figure 7-87 Sensitivity of seismic hazard from local faults to presence of distributed versus independent faults: DFS team, 10-Hz horizontal spectral acceleration

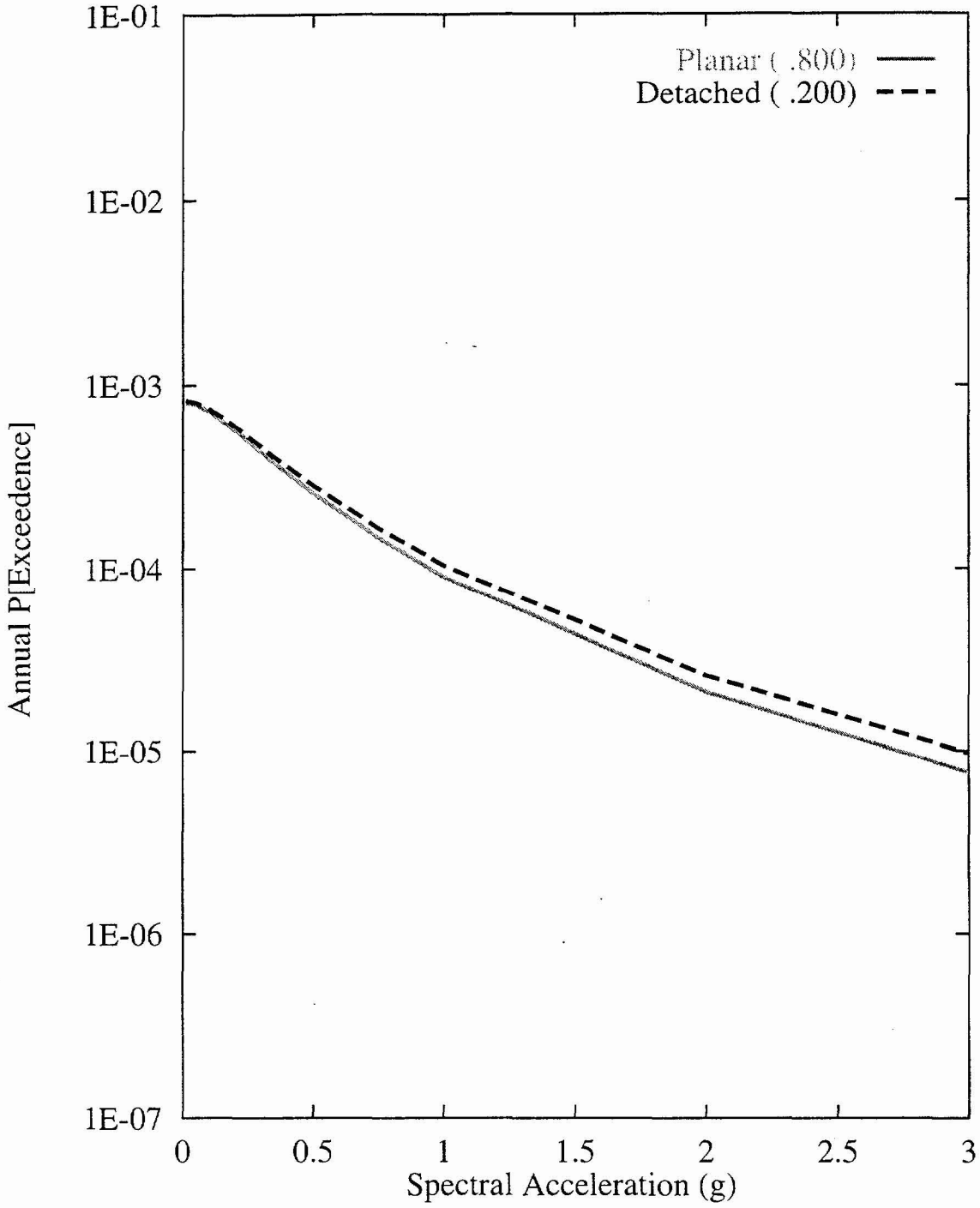


Figure 7-88 Sensitivity of seismic hazard from local faults to subsurface geometry: DFS team, 10-Hz horizontal spectral acceleration

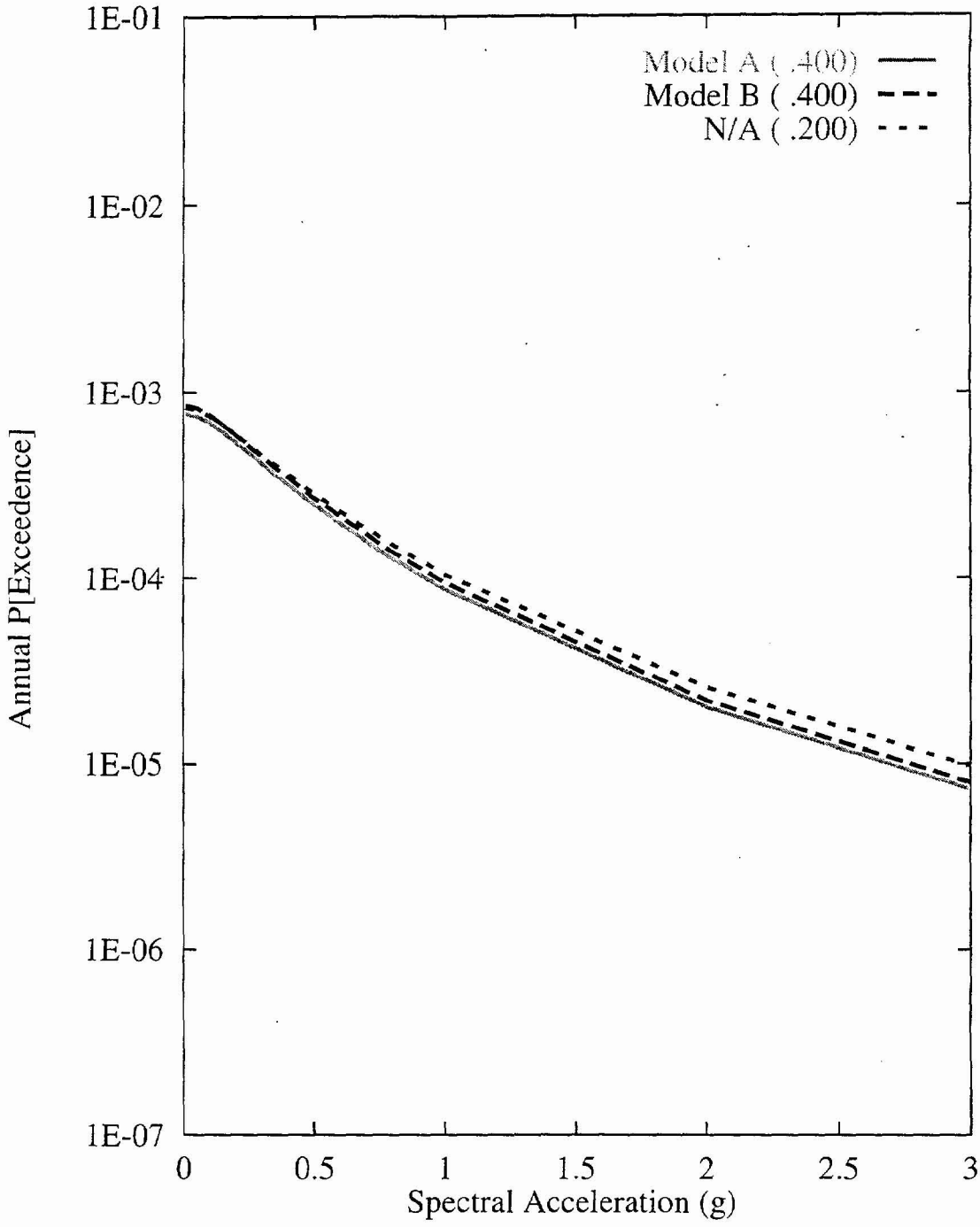


Figure 7-89 Sensitivity of seismic hazard from local faults to fault subsurface geometry for planar faults: DFS team, 10-Hz horizontal spectral acceleration

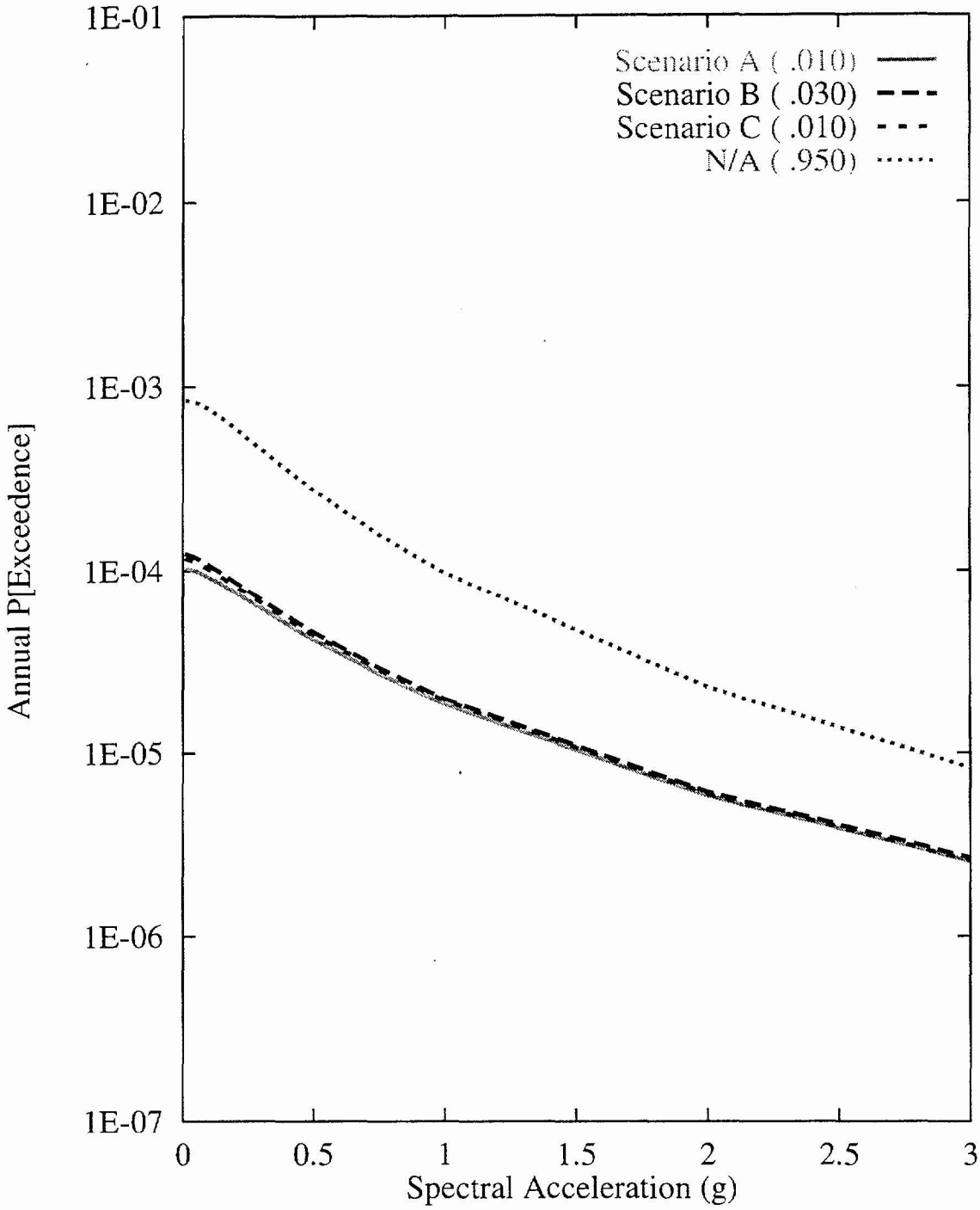


Figure 7-90 Sensitivity of seismic hazard from local faults to multiple-fault rupture scenarios: DFS team, 10-Hz horizontal spectral acceleration

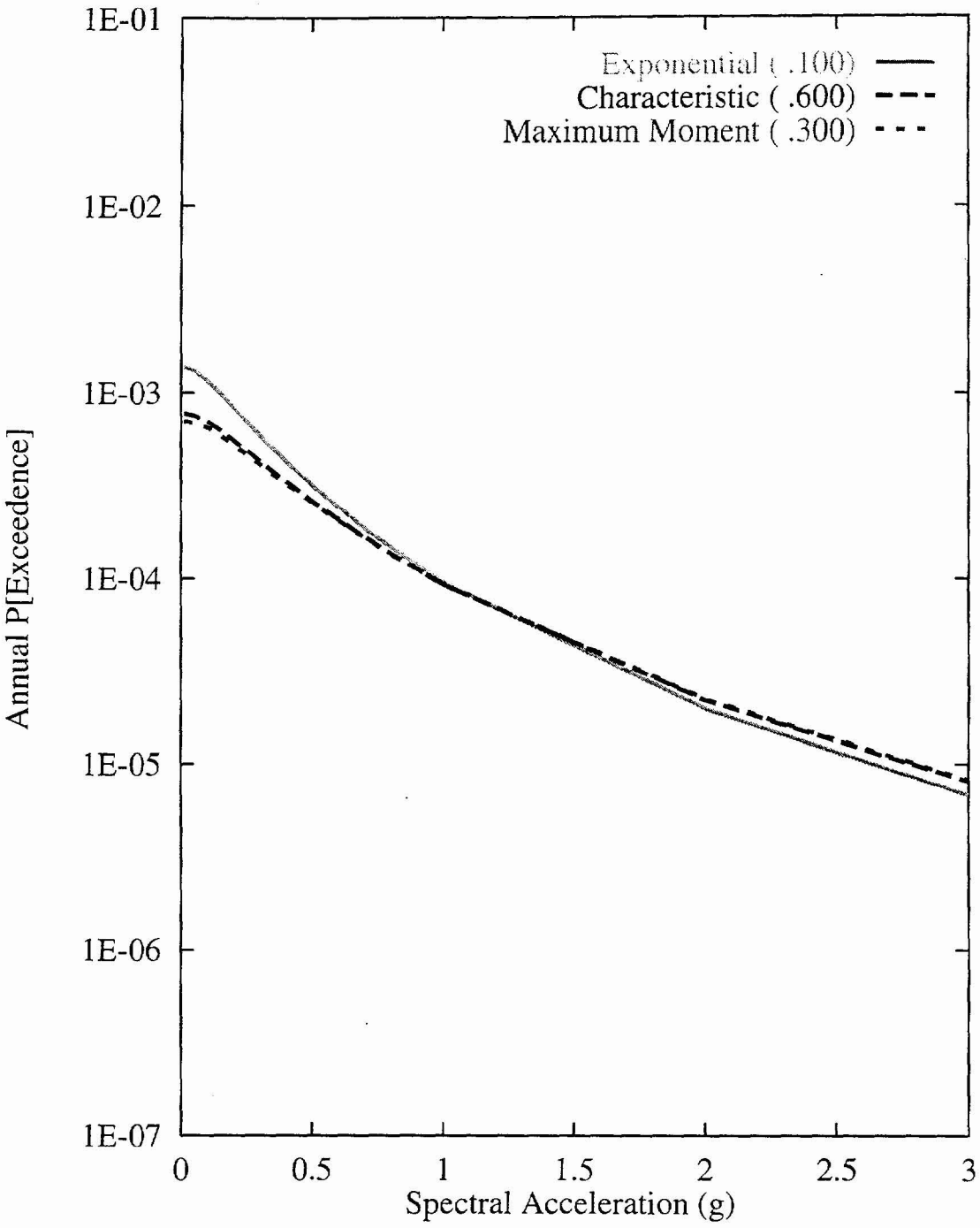


Figure 7-91 Sensitivity of seismic hazard from local faults to recurrence model: DFS team, 10-Hz horizontal spectral acceleration

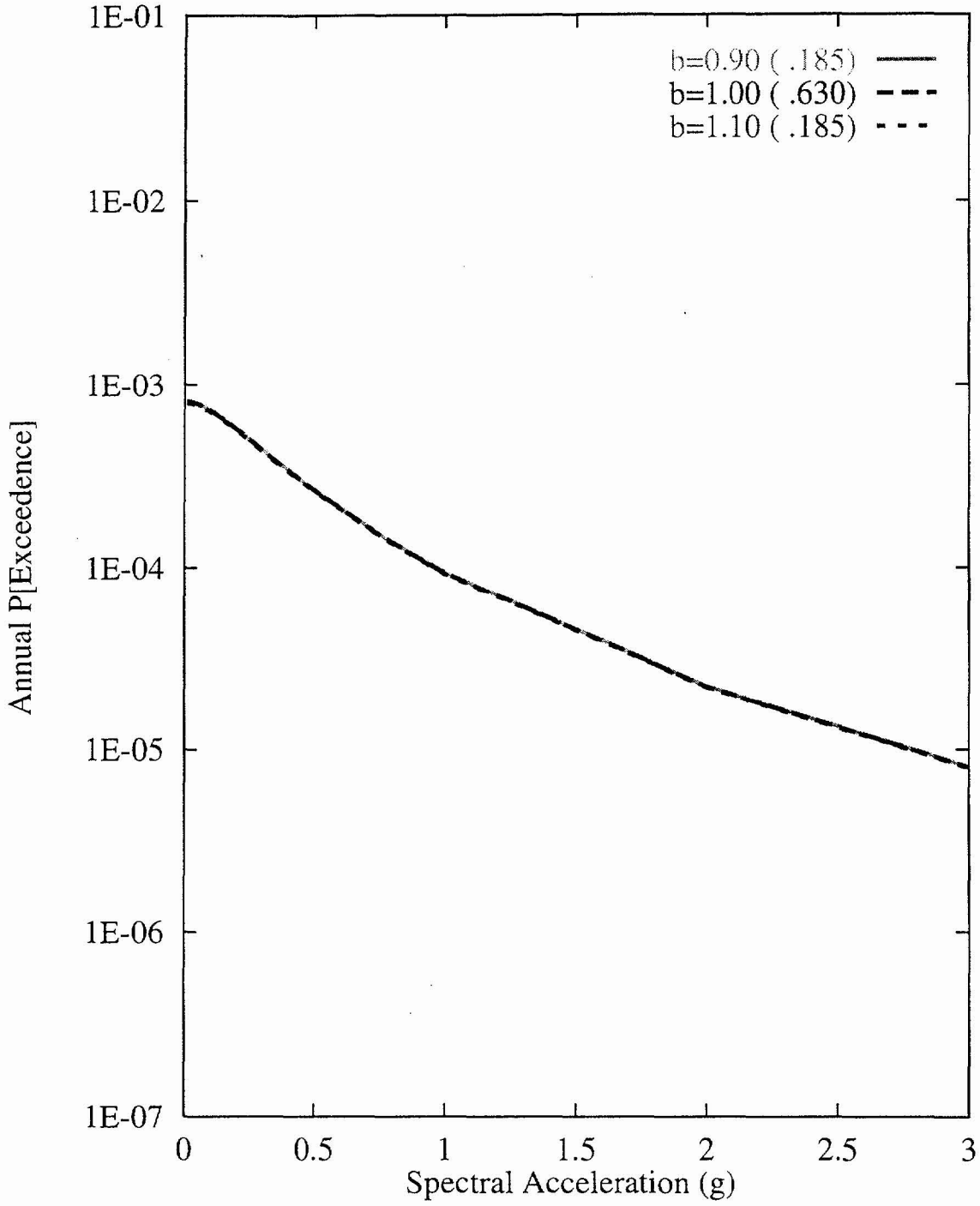


Figure 7-92 Sensitivity of seismic hazard from local faults to b-value: DFS team, 10-Hz horizontal spectral acceleration

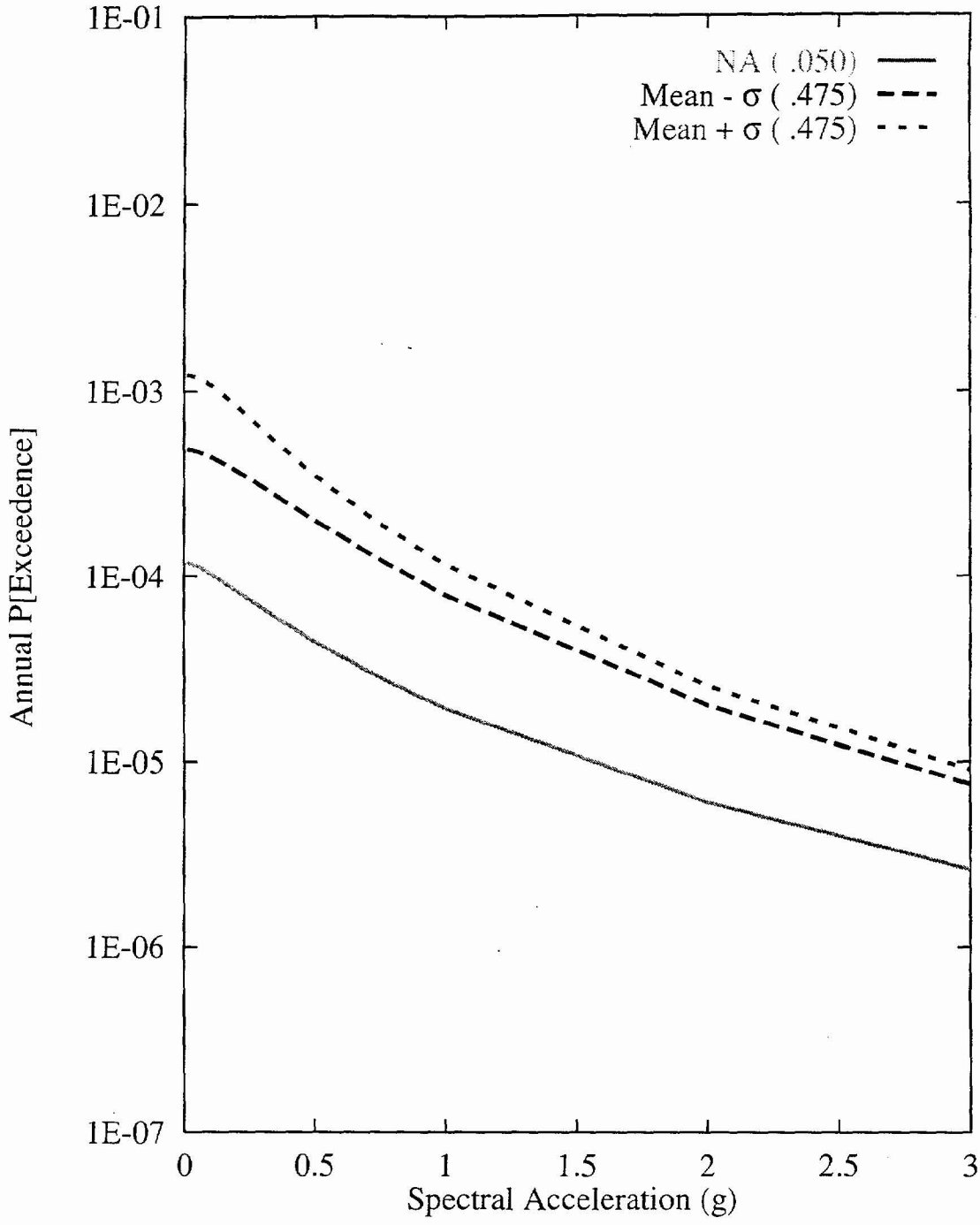


Figure 7-93 Sensitivity of seismic hazard from local faults to M_{max} on Stagecoach Road-Paintbrush Canyon fault system: DFS team, 10-Hz horizontal spectral acceleration

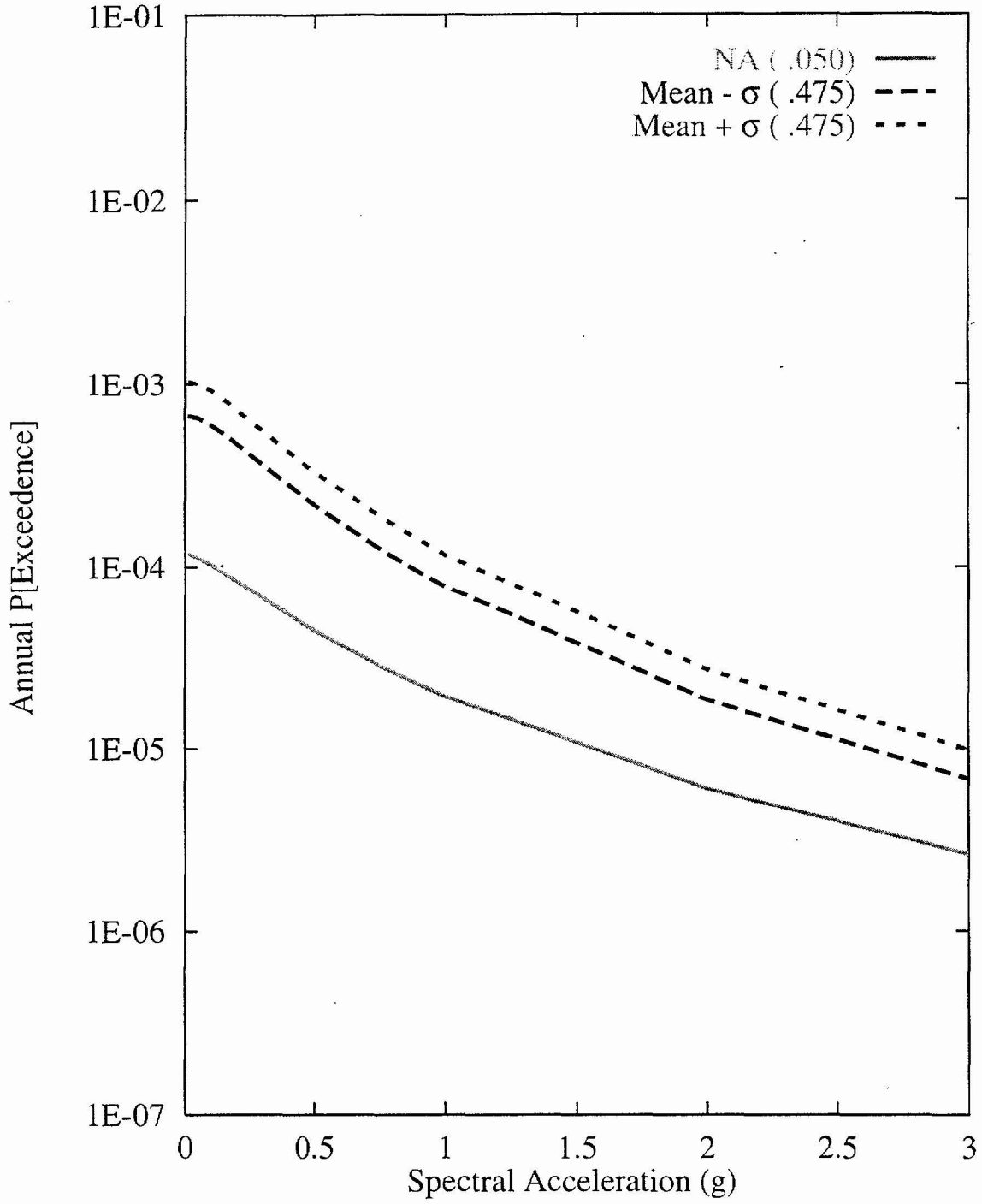


Figure 7-94 Sensitivity of seismic hazard from local faults to recurrence of Stagecoach Road-Paintbrush Canyon fault system: DFS team, 10-Hz horizontal spectral acceleration

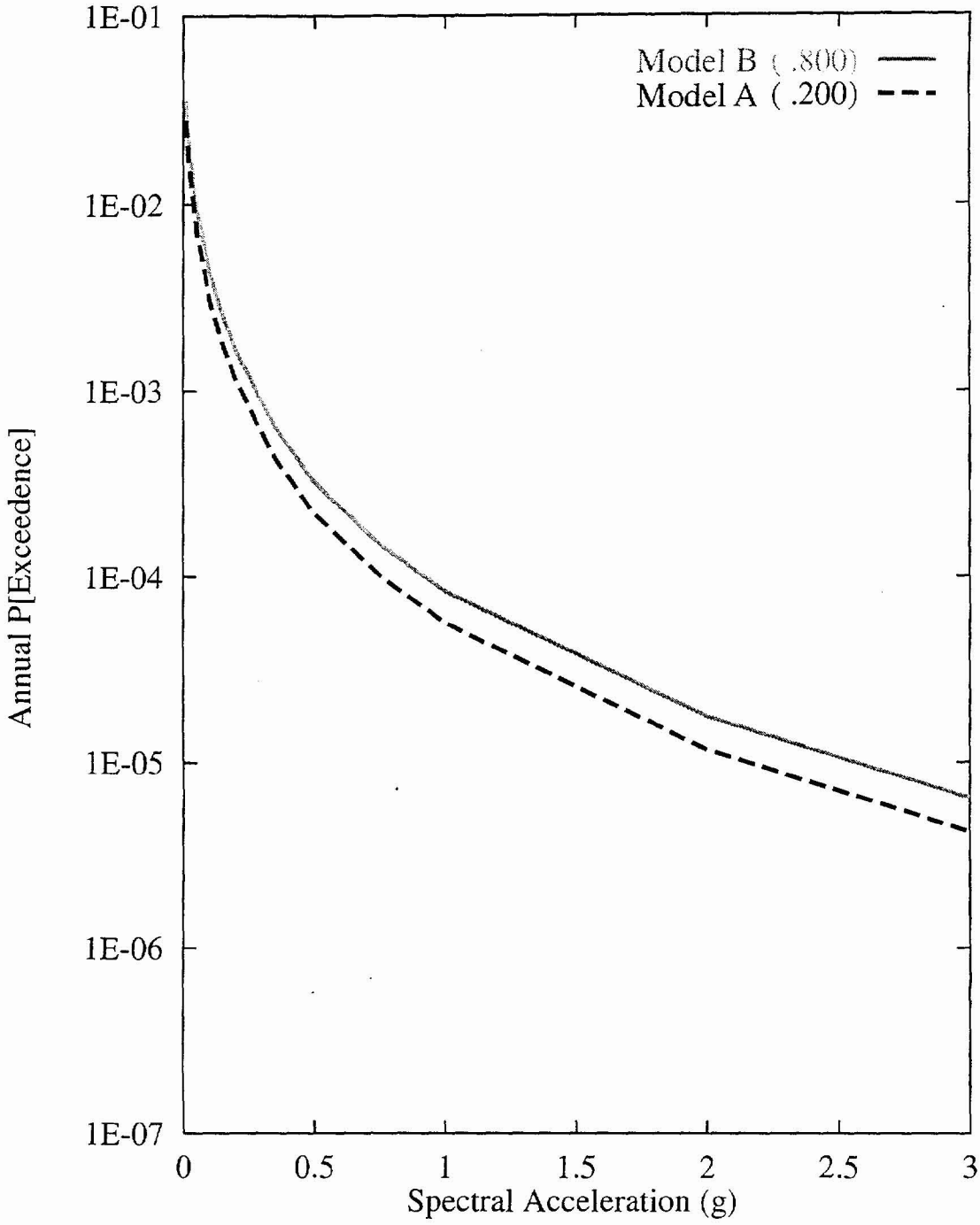


Figure 7-95 Sensitivity of seismic hazard from area zones to zonation: DFS team, 10-Hz horizontal spectral acceleration

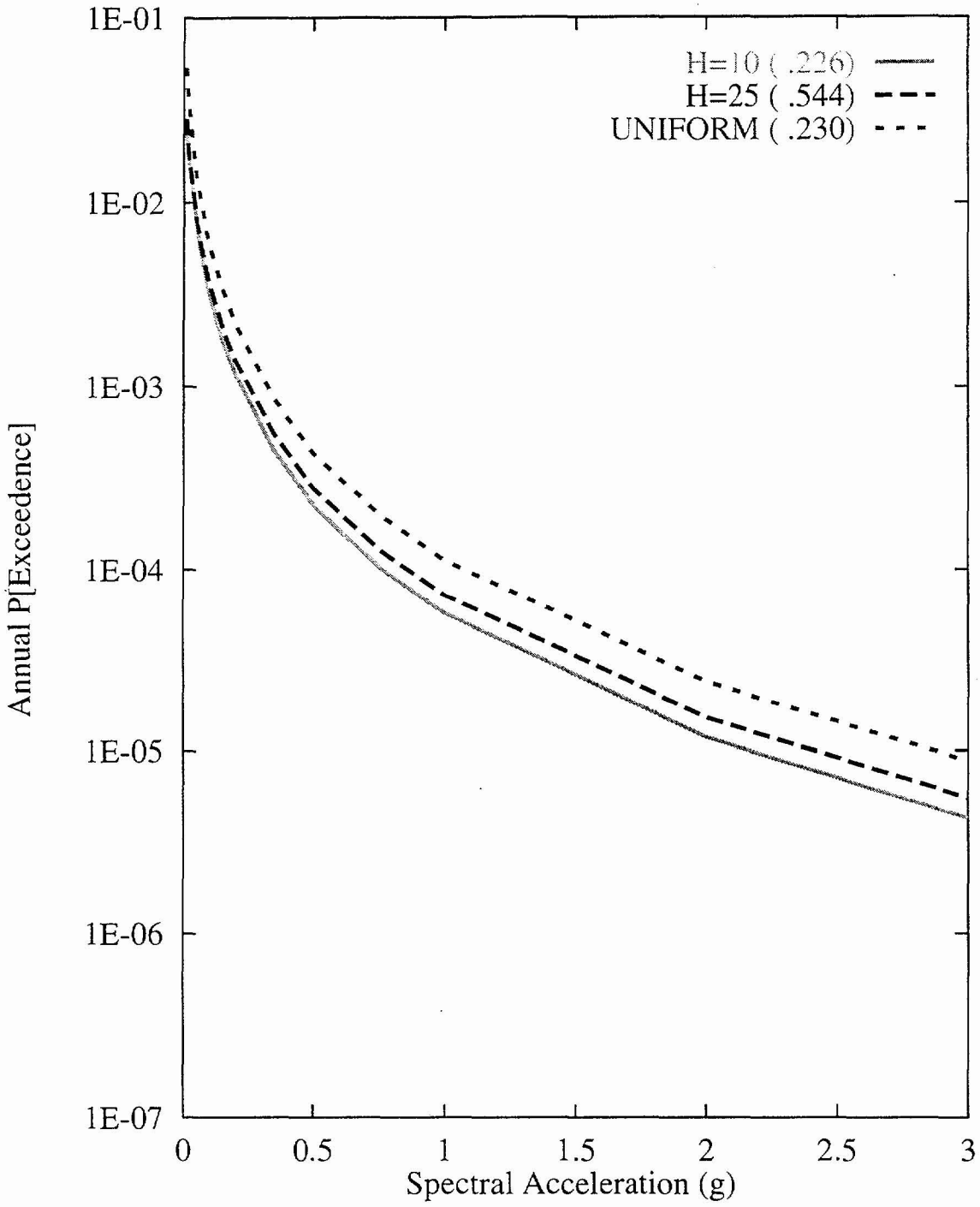


Figure 7-96 Sensitivity of seismic hazard from area zones to spatial variability and smoothing (H) of seismicity: DFS team, 10-Hz horizontal spectral acceleration

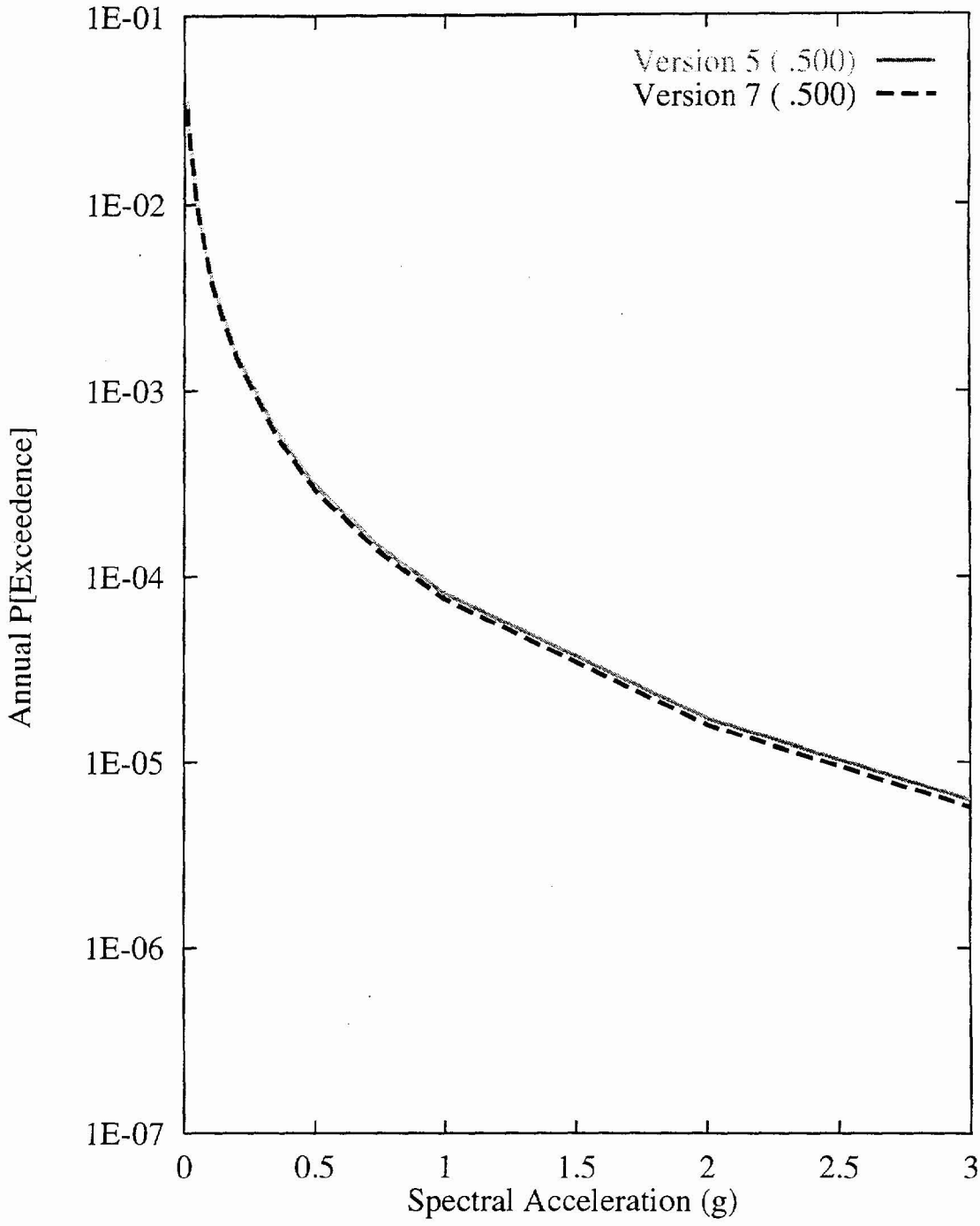


Figure 7-97 Sensitivity of seismic hazard from area zones to choice of seismicity catalog: DFS team, 10-Hz horizontal spectral acceleration

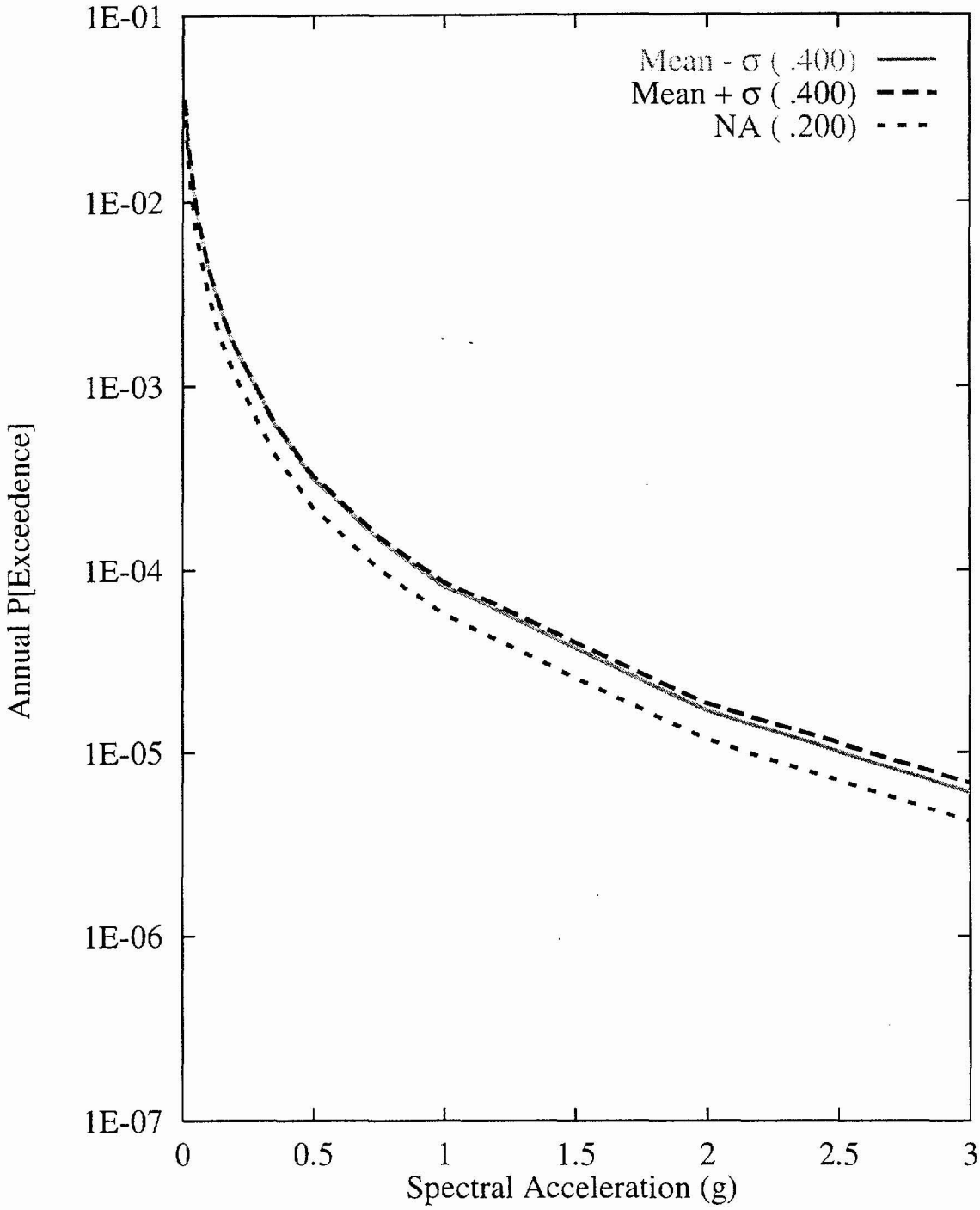


Figure 7-98 Sensitivity of seismic hazard from area zones to M_{max} on the East Walker Lane+local seismic source: DFS team, 10-Hz horizontal spectral acceleration

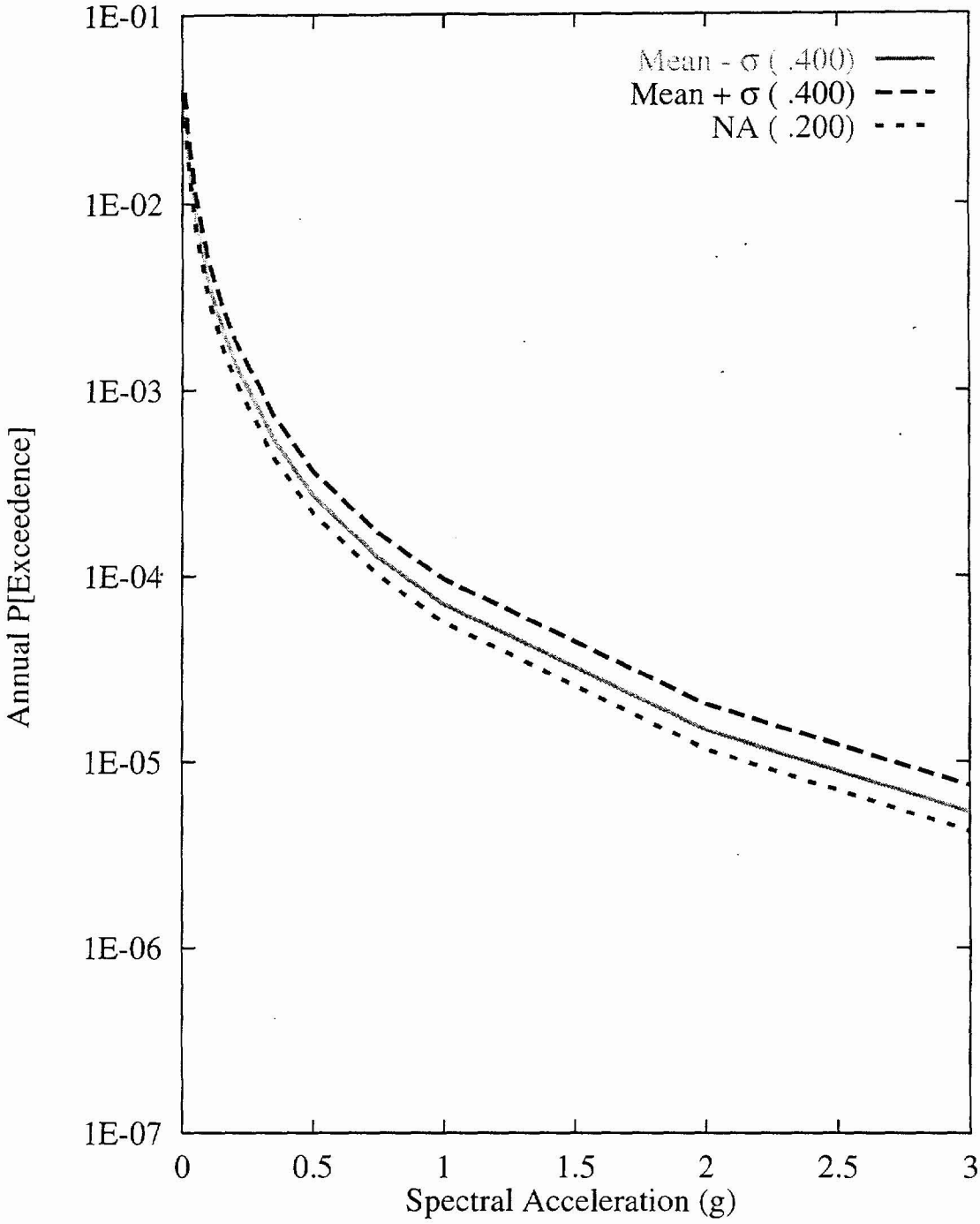


Figure 7-99 Sensitivity of seismic hazard from area zones to recurrence of the East Walker Lane+local seismic source: DFS team, 10-Hz horizontal spectral acceleration

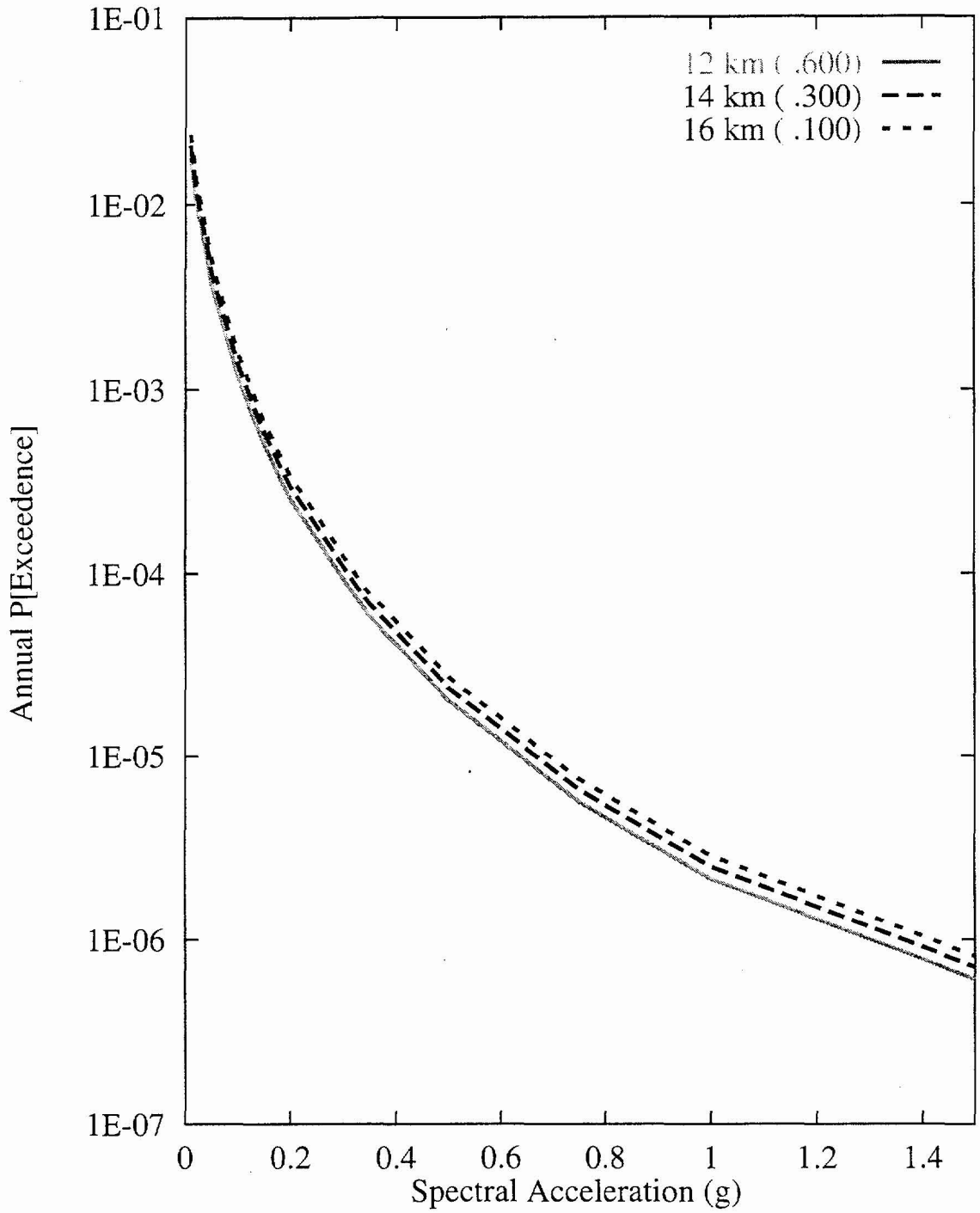


Figure 7-100 Sensitivity of seismic hazard from regional faults to maximum fault depth: DFS team, 1-Hz horizontal spectral acceleration

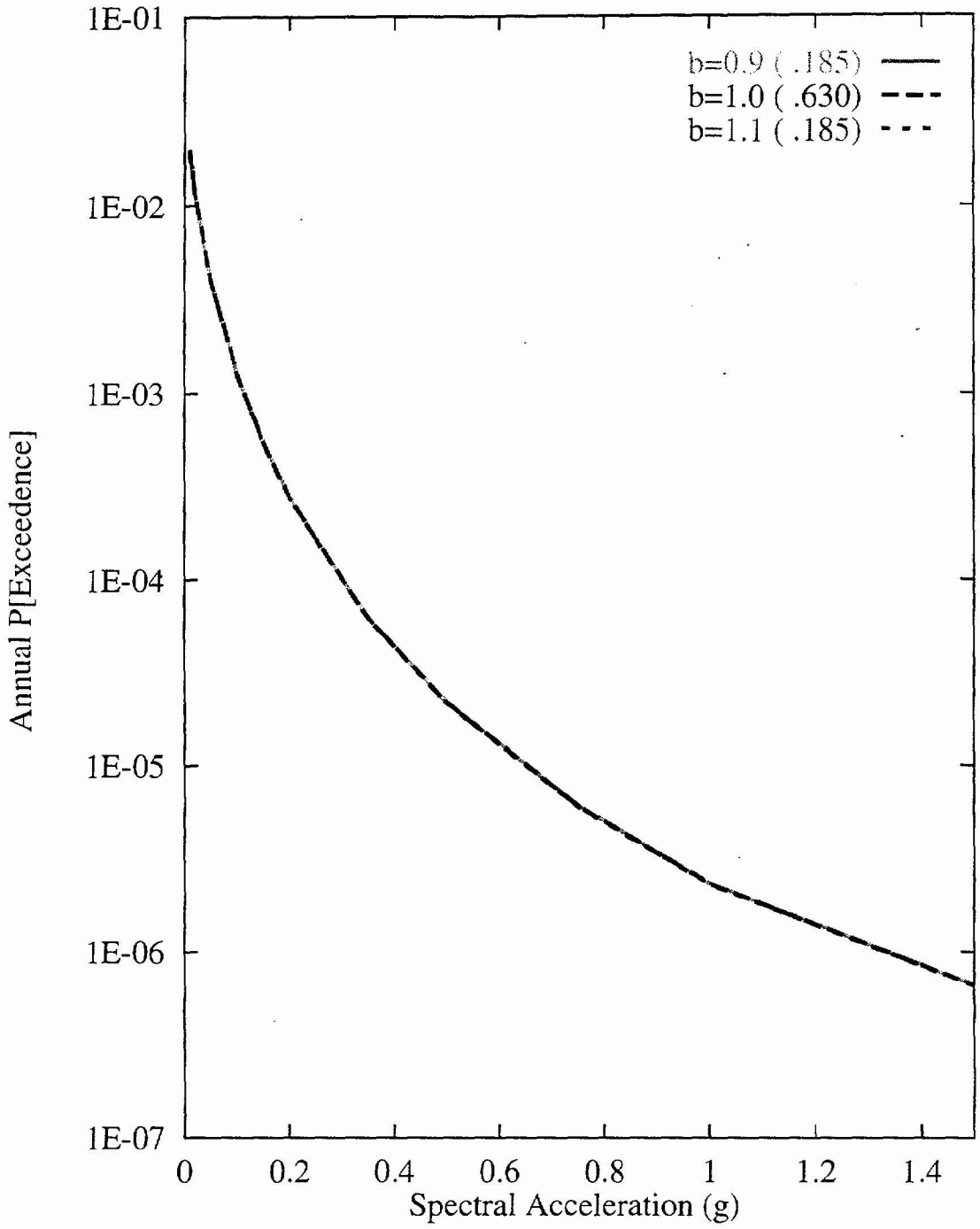


Figure 7-101 Sensitivity of seismic hazard from regional faults to b-values: DFS team, 1-Hz horizontal spectral acceleration

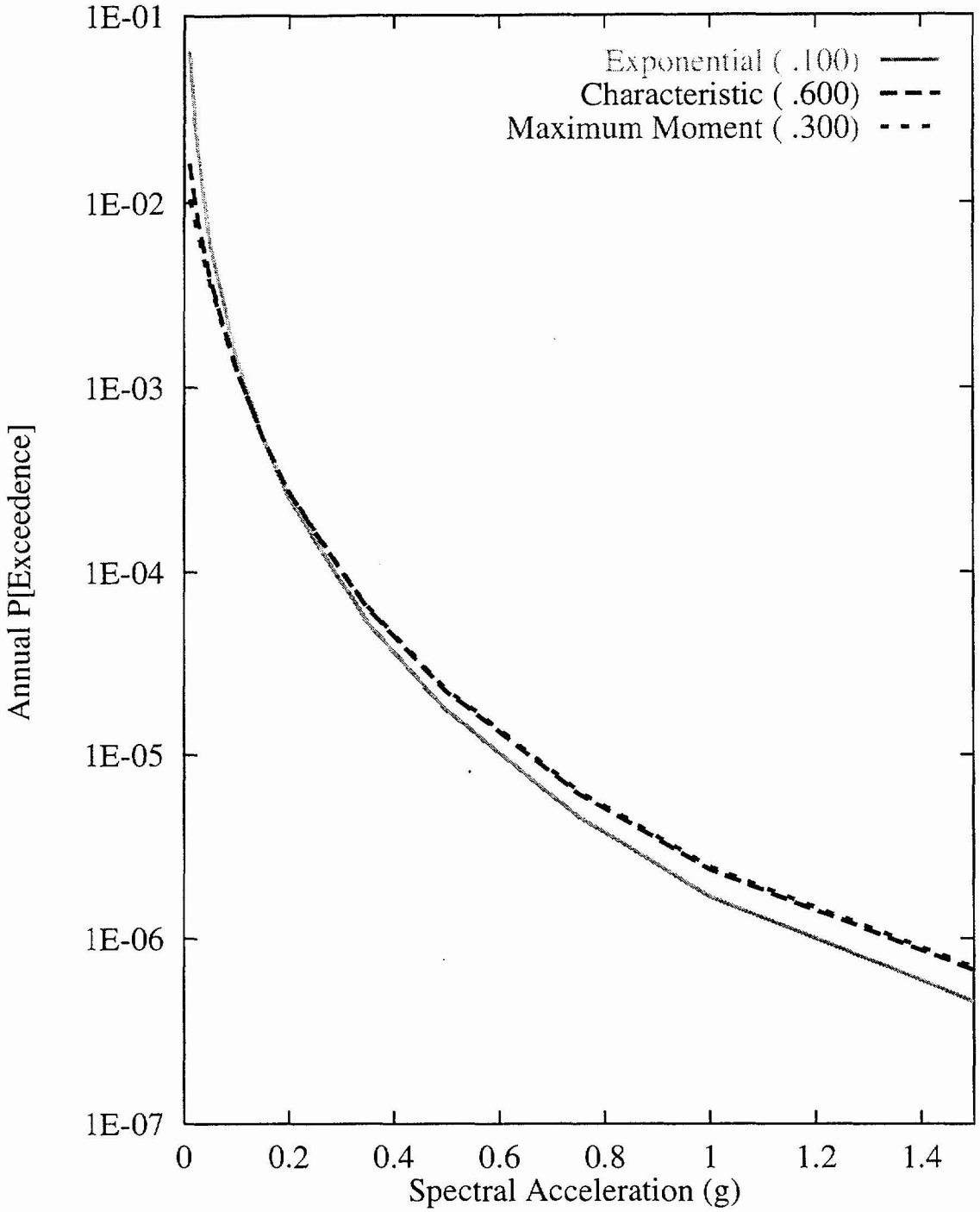


Figure 7-102 Sensitivity of seismic hazard from regional faults to recurrence model: DFS team, 1-Hz horizontal spectral acceleration

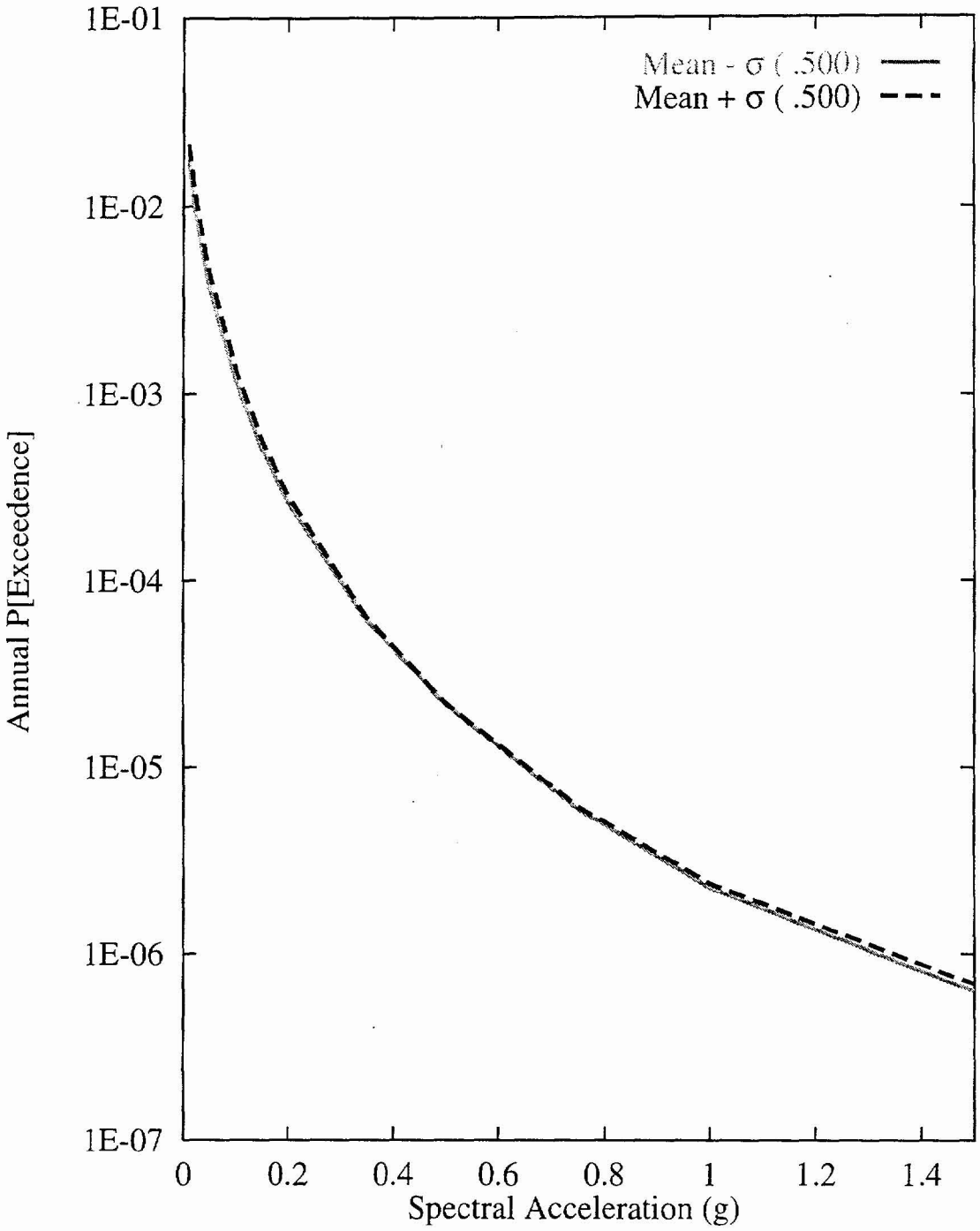


Figure 7-103 Sensitivity of seismic hazard from regional faults to Mmax on the Death Valley fault: DFS team, 1-Hz horizontal spectral acceleration

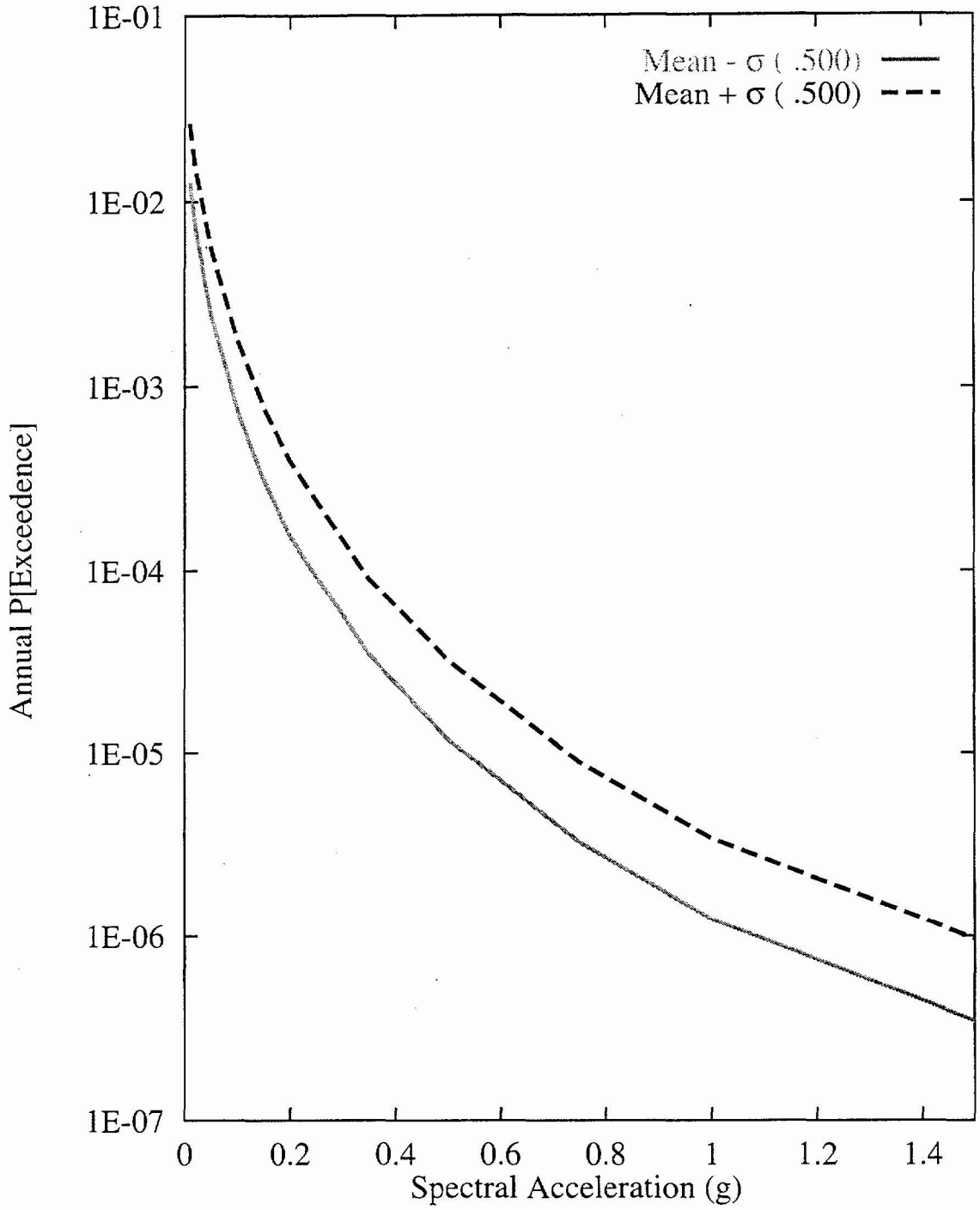


Figure 7-104 Sensitivity of seismic hazard from regional faults to slip rate of the Death Valley fault: DFS team, 1-Hz horizontal spectral acceleration

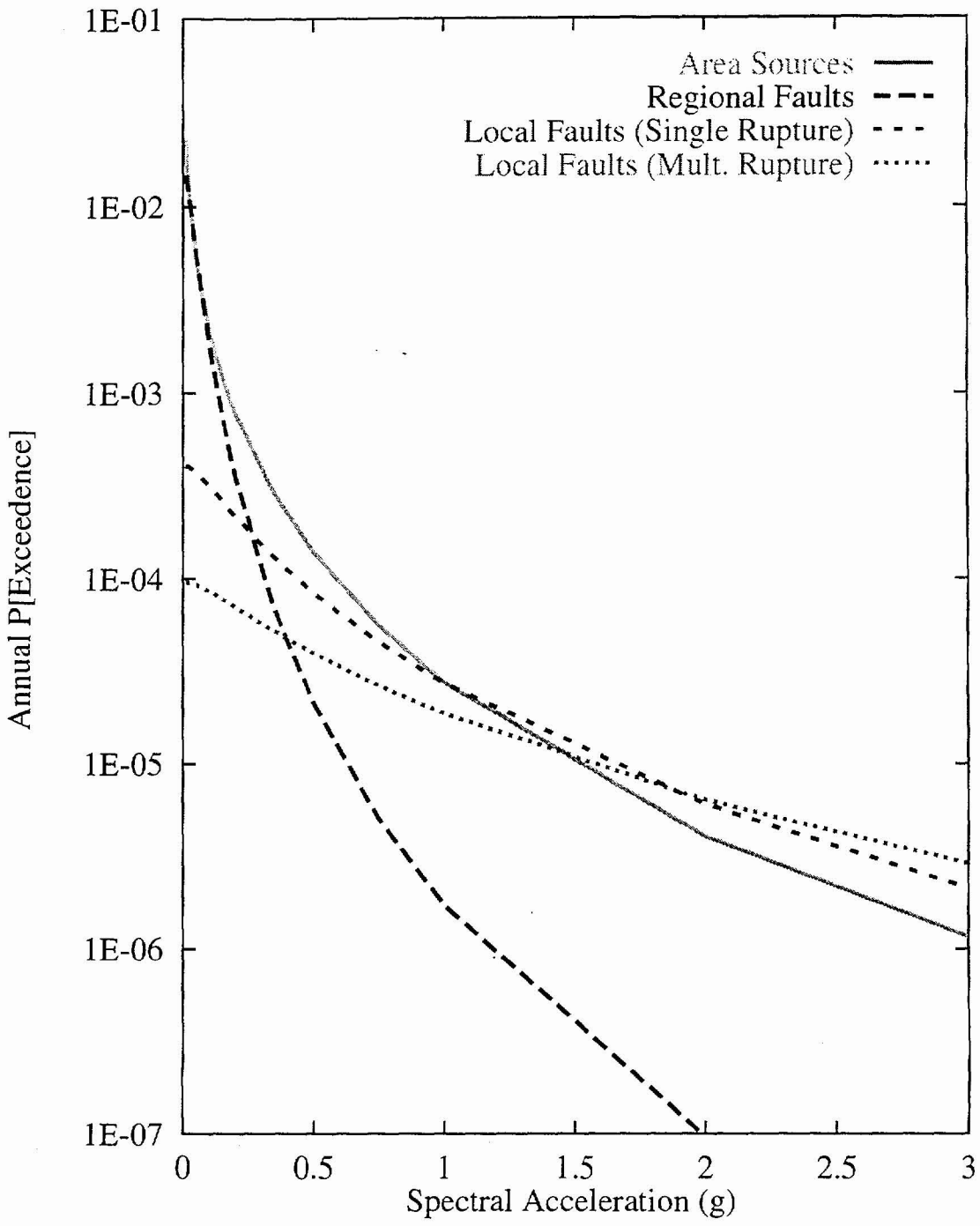


Figure 7-105 Contributions of source types to the mean hazard: RYA team, 10-Hz horizontal spectral acceleration

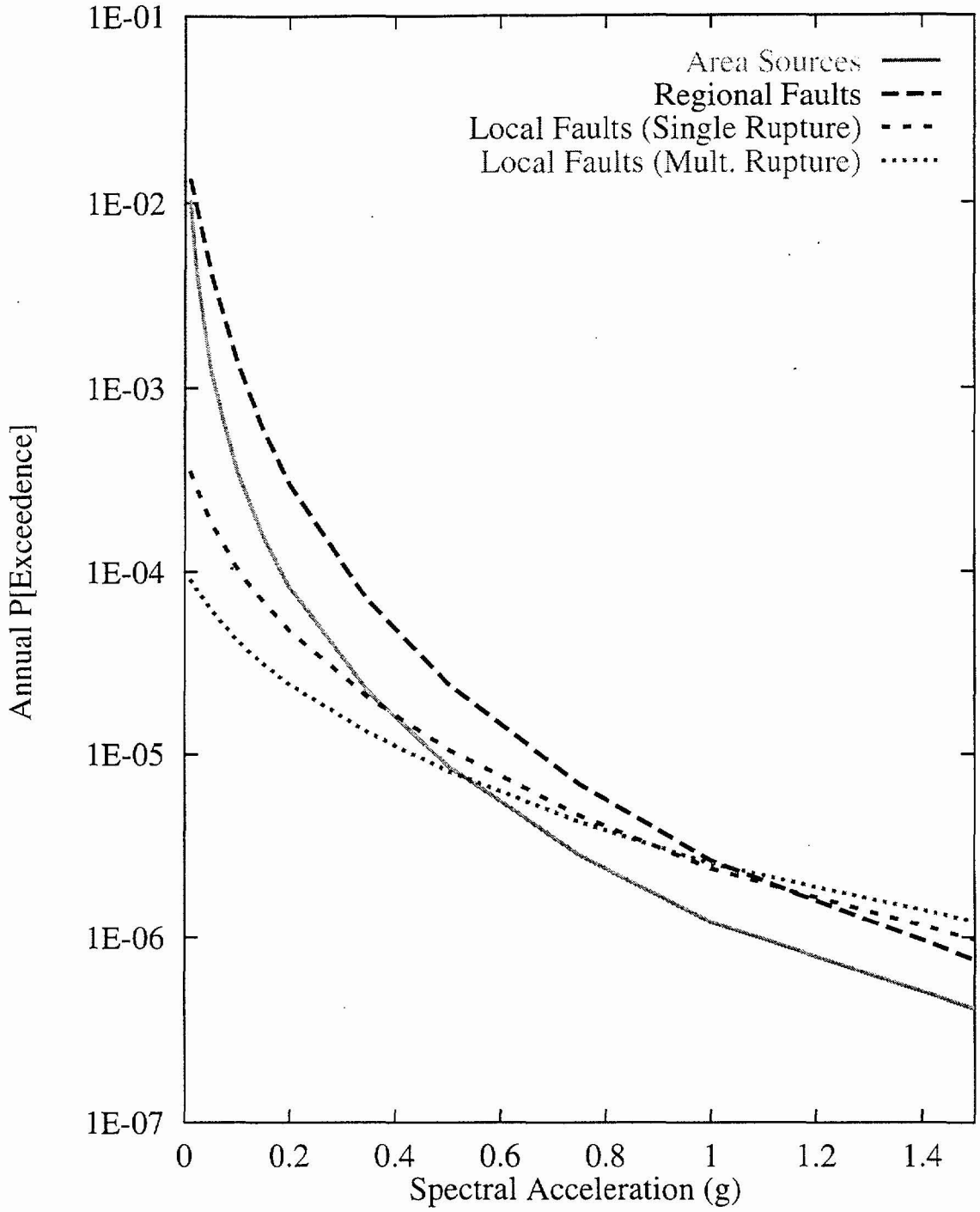


Figure 7-106 Contributions of source types to the mean hazard: RYA team, 1-Hz horizontal spectral acceleration

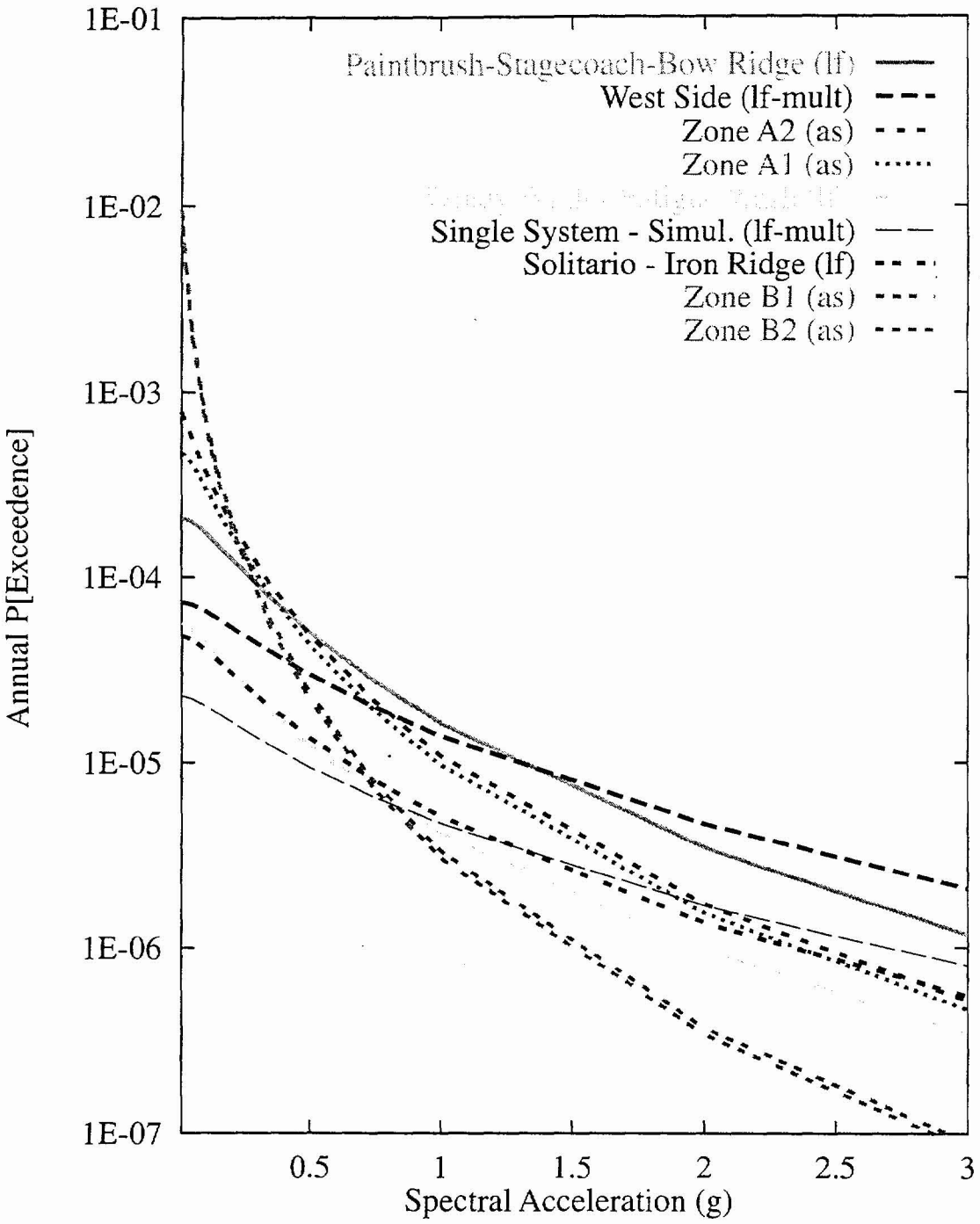


Figure 7-107 Mean seismic hazard from dominant seismic sources: RYA team, 10-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; lf-local fault; and mult-multiple fault.

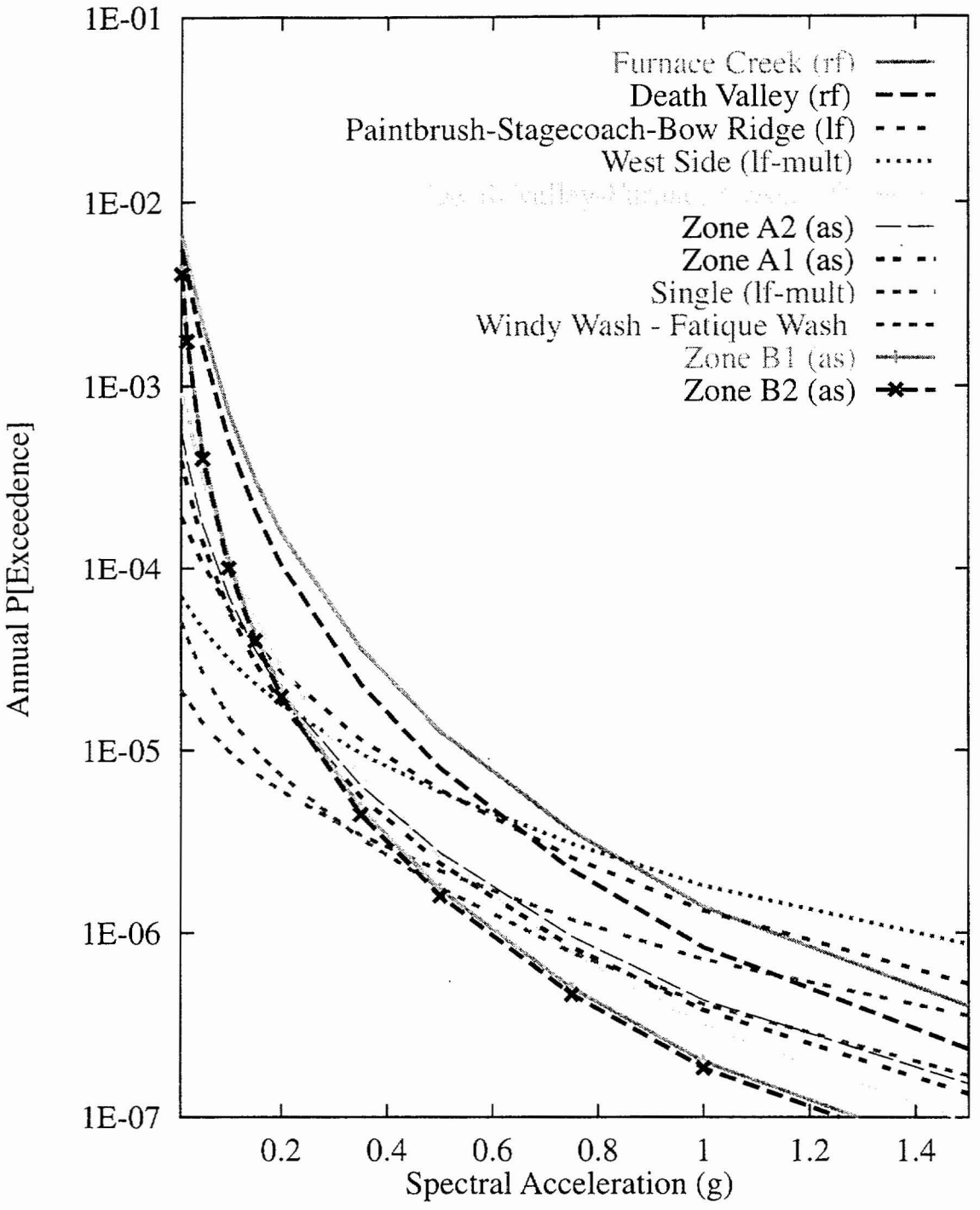
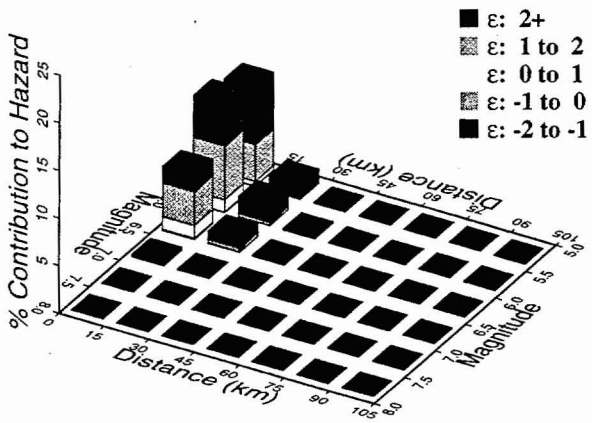
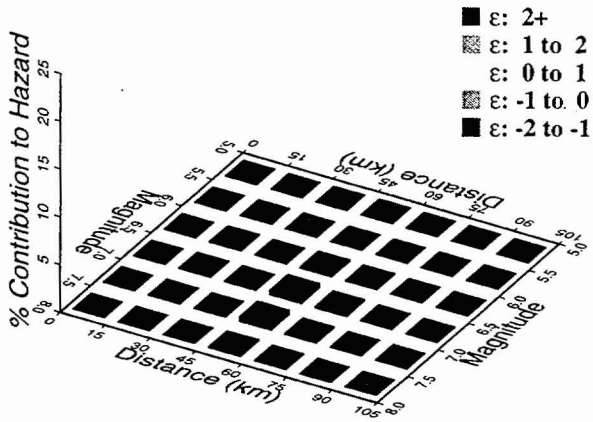


Figure 7-108 Mean seismic hazard from dominant seismic sources: RYA team, 1-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; rf-regional fault; lf-local fault; and mult-multiple fault.

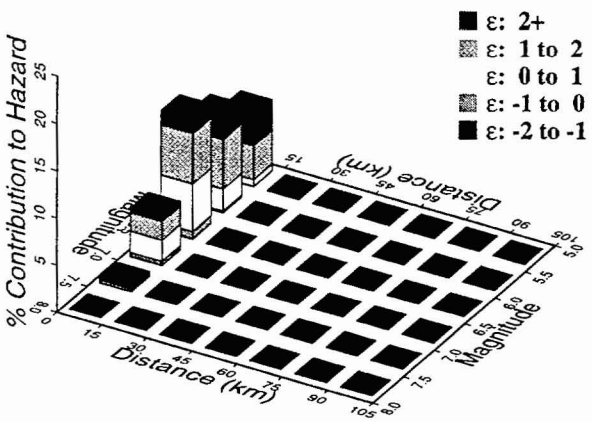
10 Hz, RYA Area Sources



10 Hz, RYA Regional Faults



10 Hz, RYA Local Faults (Single)



10 Hz, RYA Local Faults (Mult.)

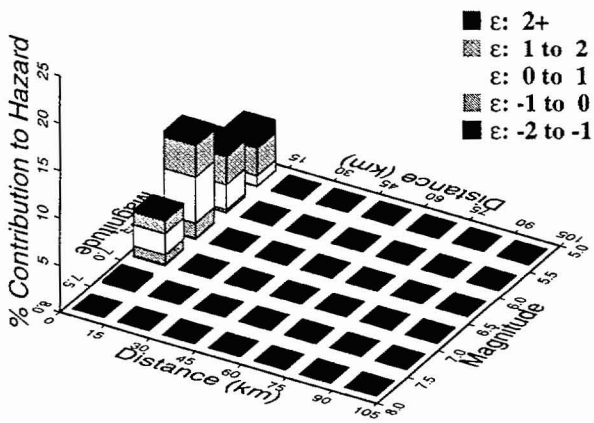
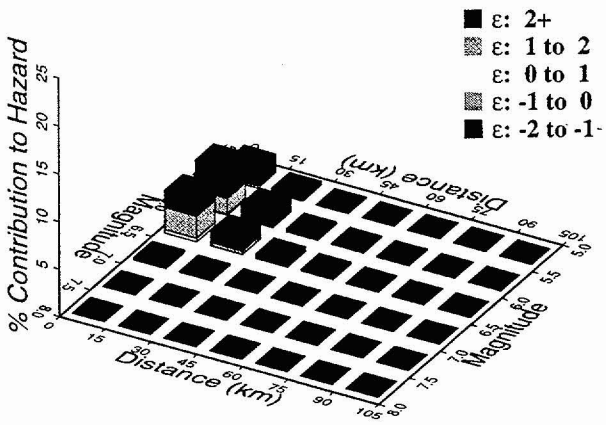
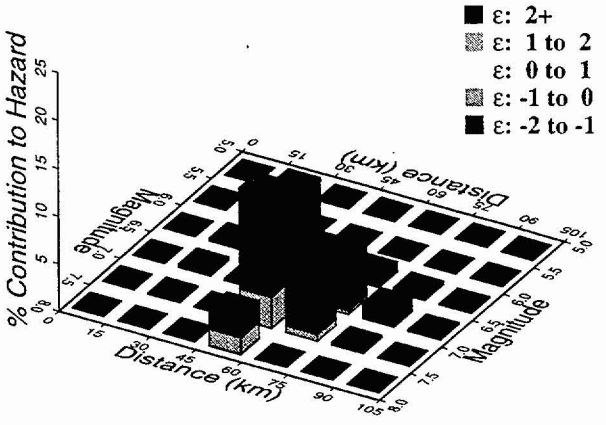


Figure 7-109 Magnitude-distance-epsilon distributions for the four source types: RYA team, 10-Hz horizontal spectral acceleration

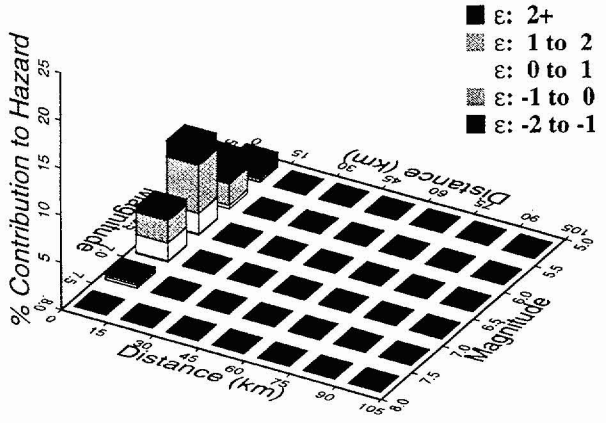
1 Hz, RYA Area Sources



1 Hz, RYA Regional Faults



1 Hz, RYA Local Faults (Single)



1 Hz, RYA Local Faults (Mult.)

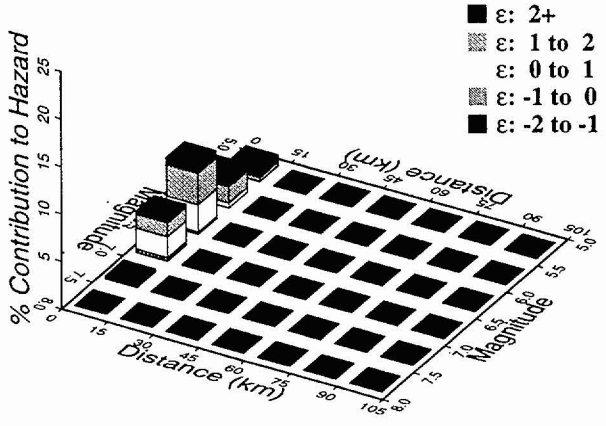


Figure 7-110 Magnitude-distance-epsilon distributions for the four source types: RYA team, 1-Hz horizontal spectral acceleration

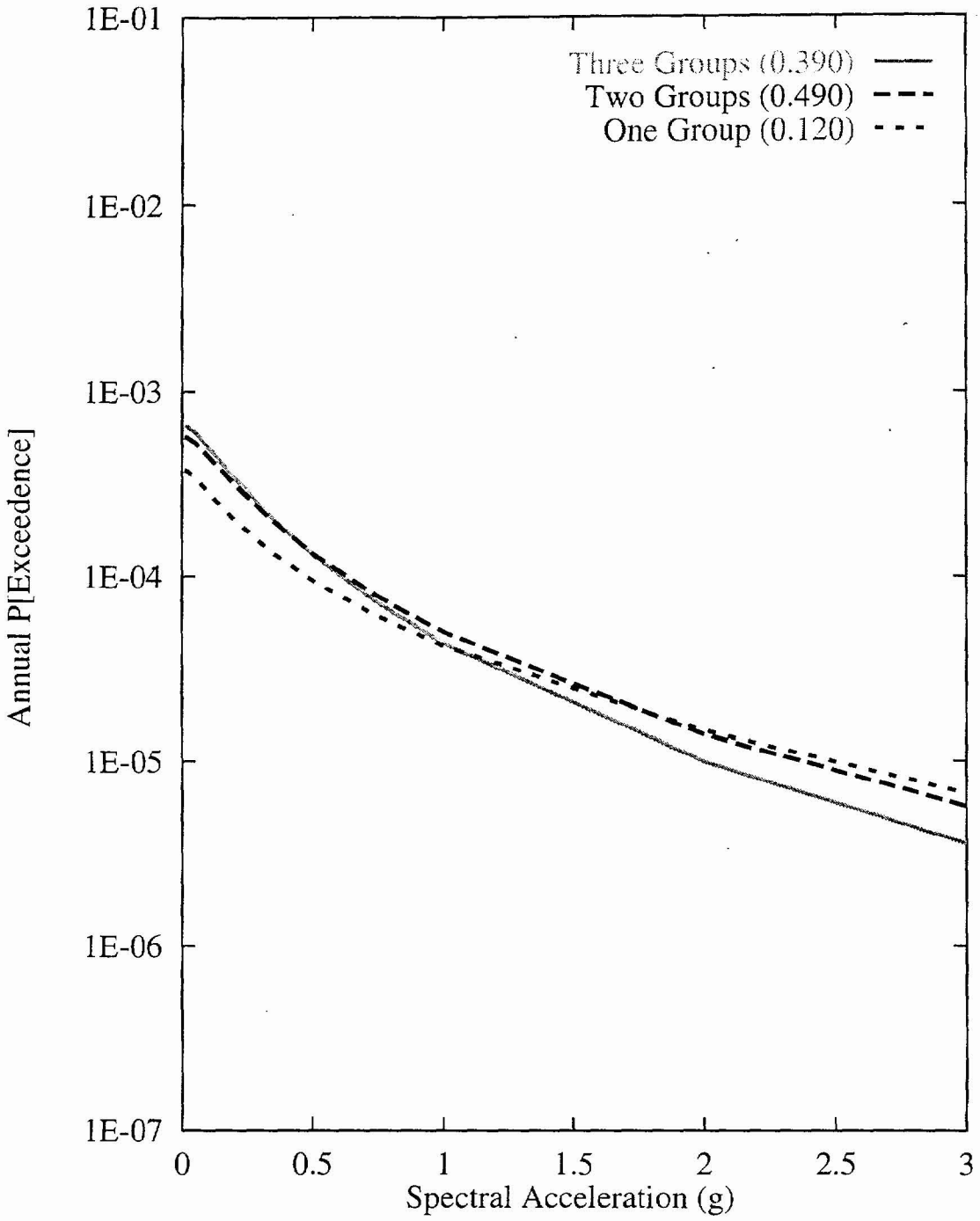


Figure 7-111 Sensitivity of seismic hazard from local faults to coalescence model: RYA team, 10-Hz horizontal spectral acceleration

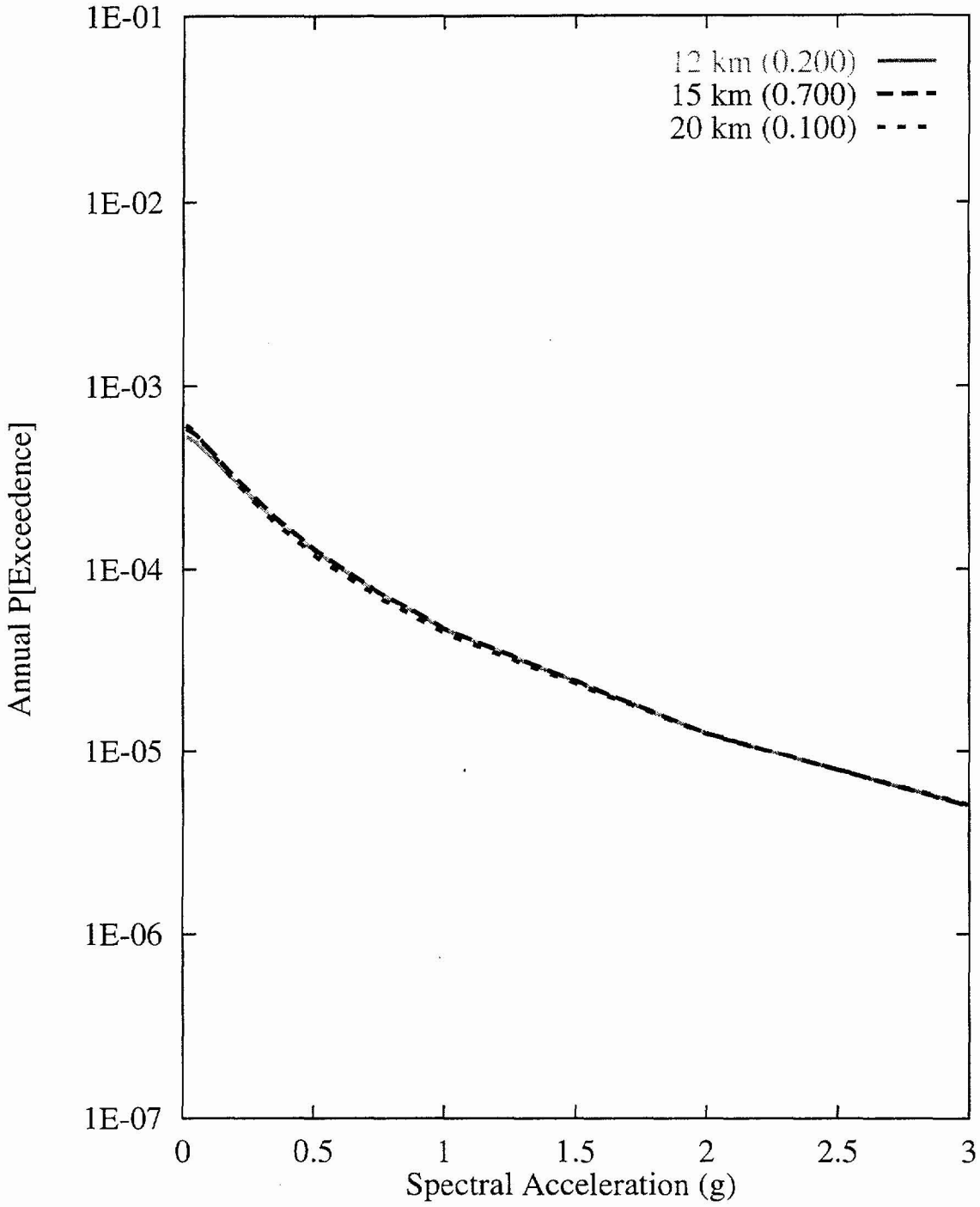


Figure 7-112 Sensitivity of seismic hazard from local faults to maximum fault depth: RYA team, 10-Hz horizontal spectral acceleration

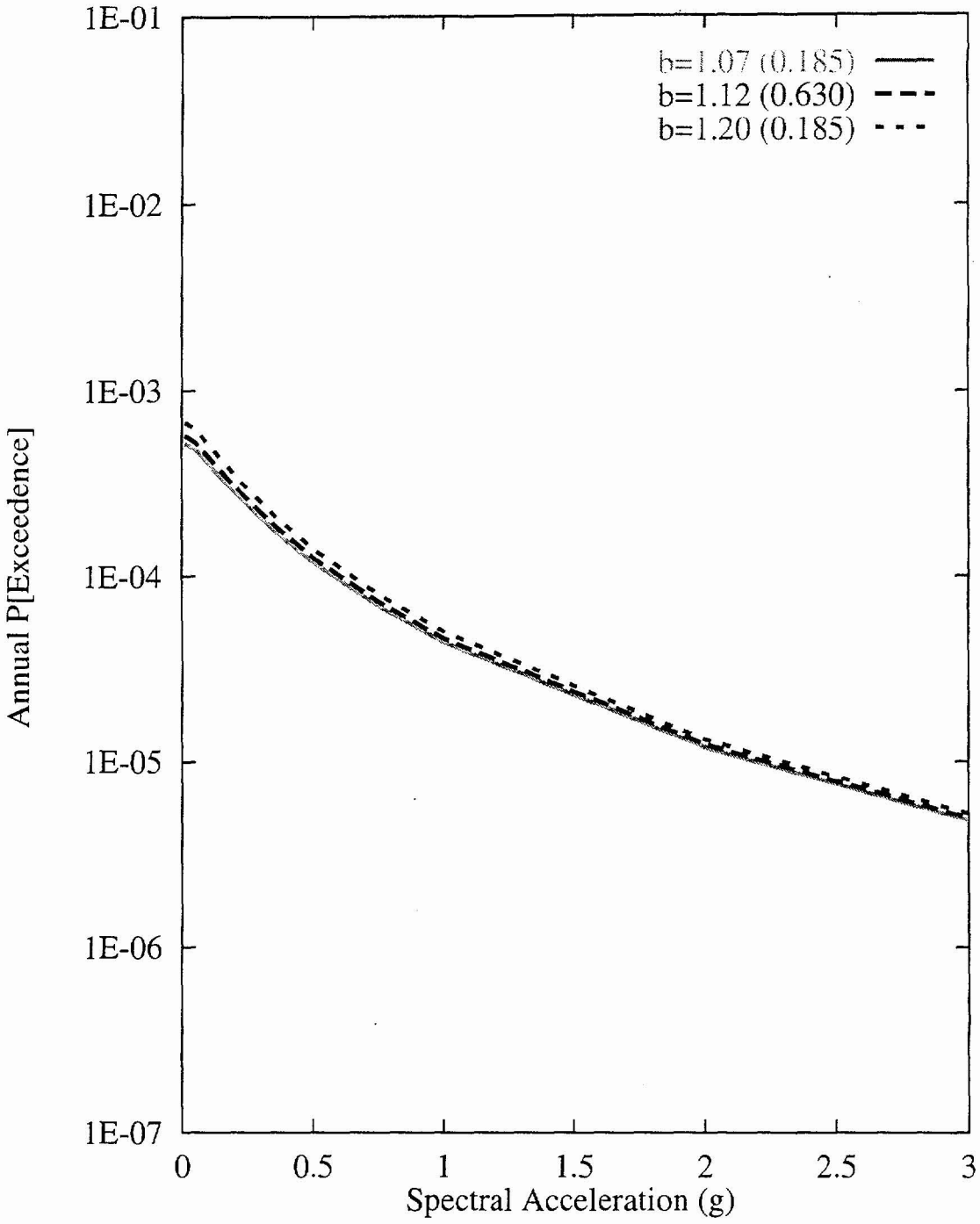


Figure 7-113 Sensitivity of seismic hazard from local faults to b-value: RYA team, 10-Hz horizontal spectral acceleration

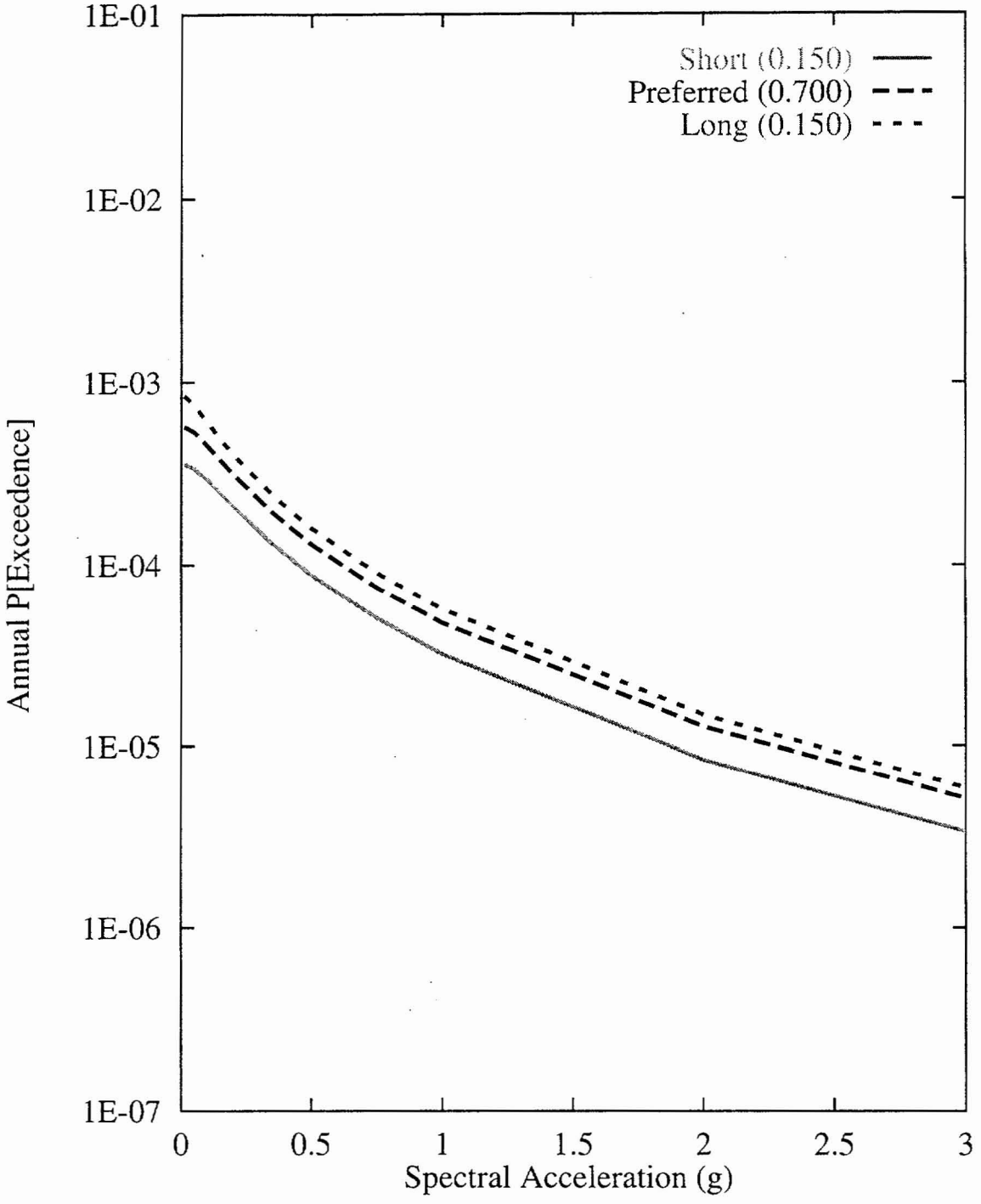


Figure 7-114 Sensitivity of seismic hazard from local faults to fault lengths: RYA team, 10-Hz horizontal spectral acceleration

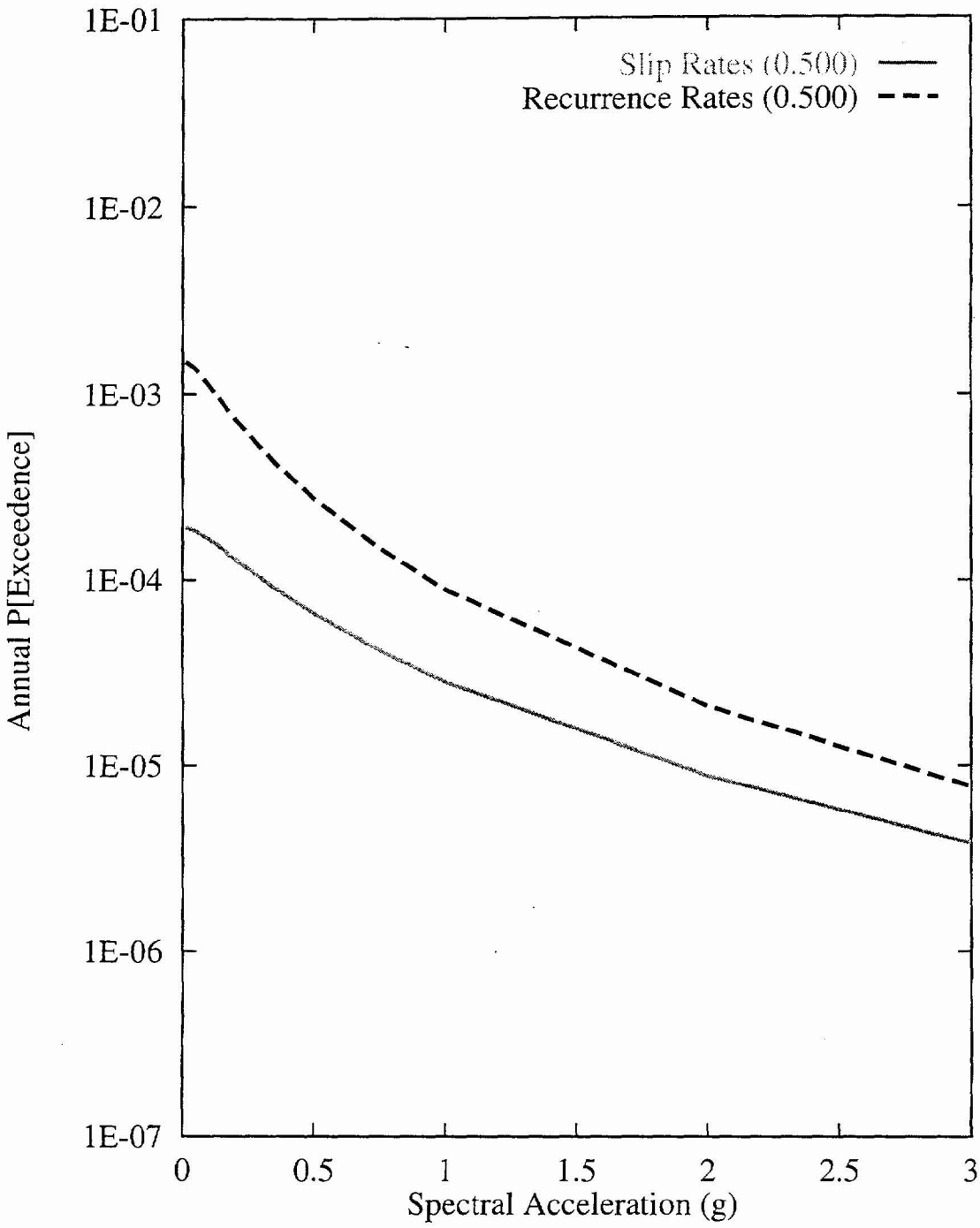


Figure 7-115 Sensitivity of seismic hazard from local faults to recurrence approach used: RYA team, 10-Hz horizontal spectral acceleration

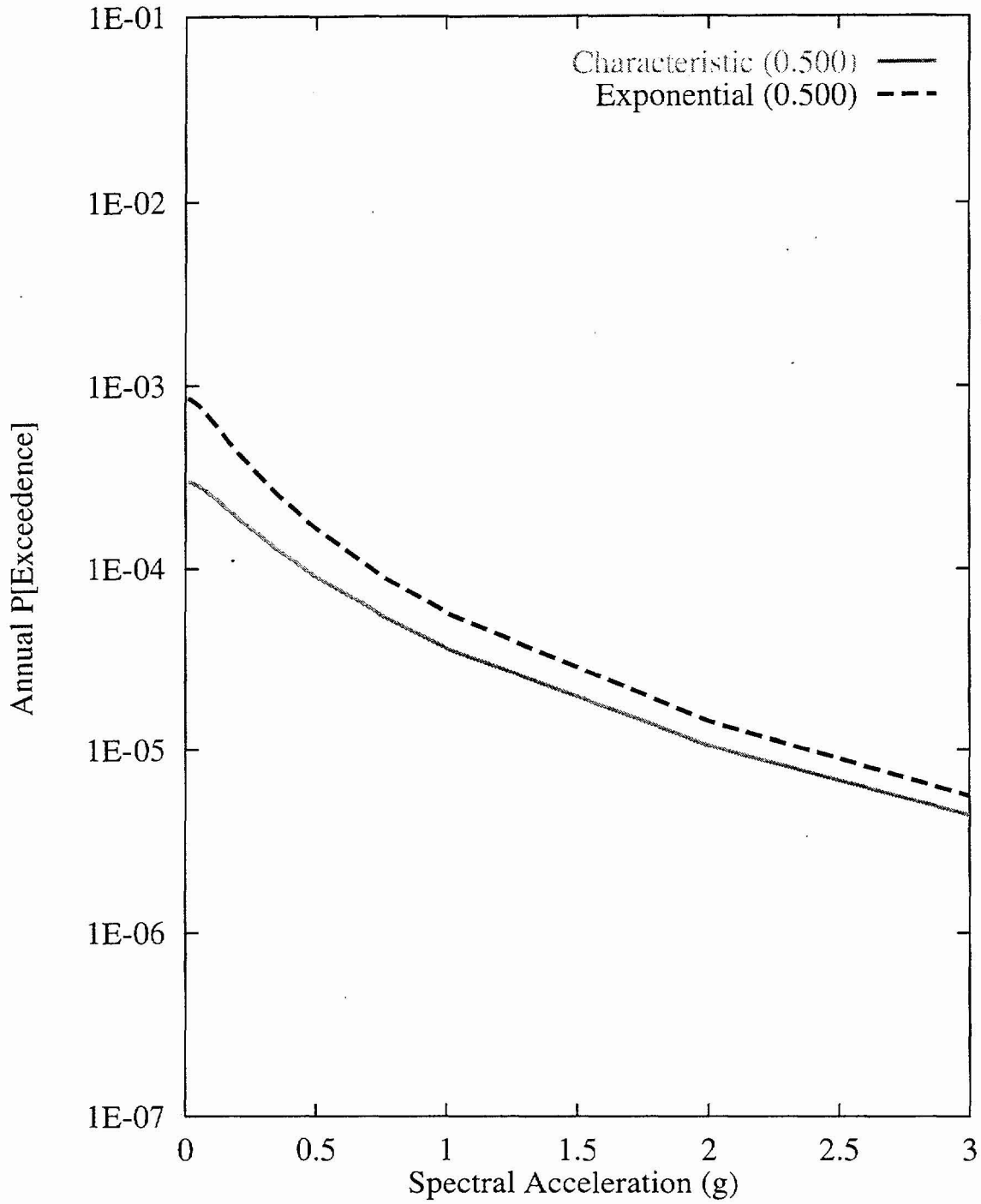


Figure 7-116 Sensitivity of seismic hazard from local faults to recurrence model for the Paintbrush Canyon-Stagecoach Road-Bow Ridge fault system: RYA team, 10-Hz horizontal spectral acceleration

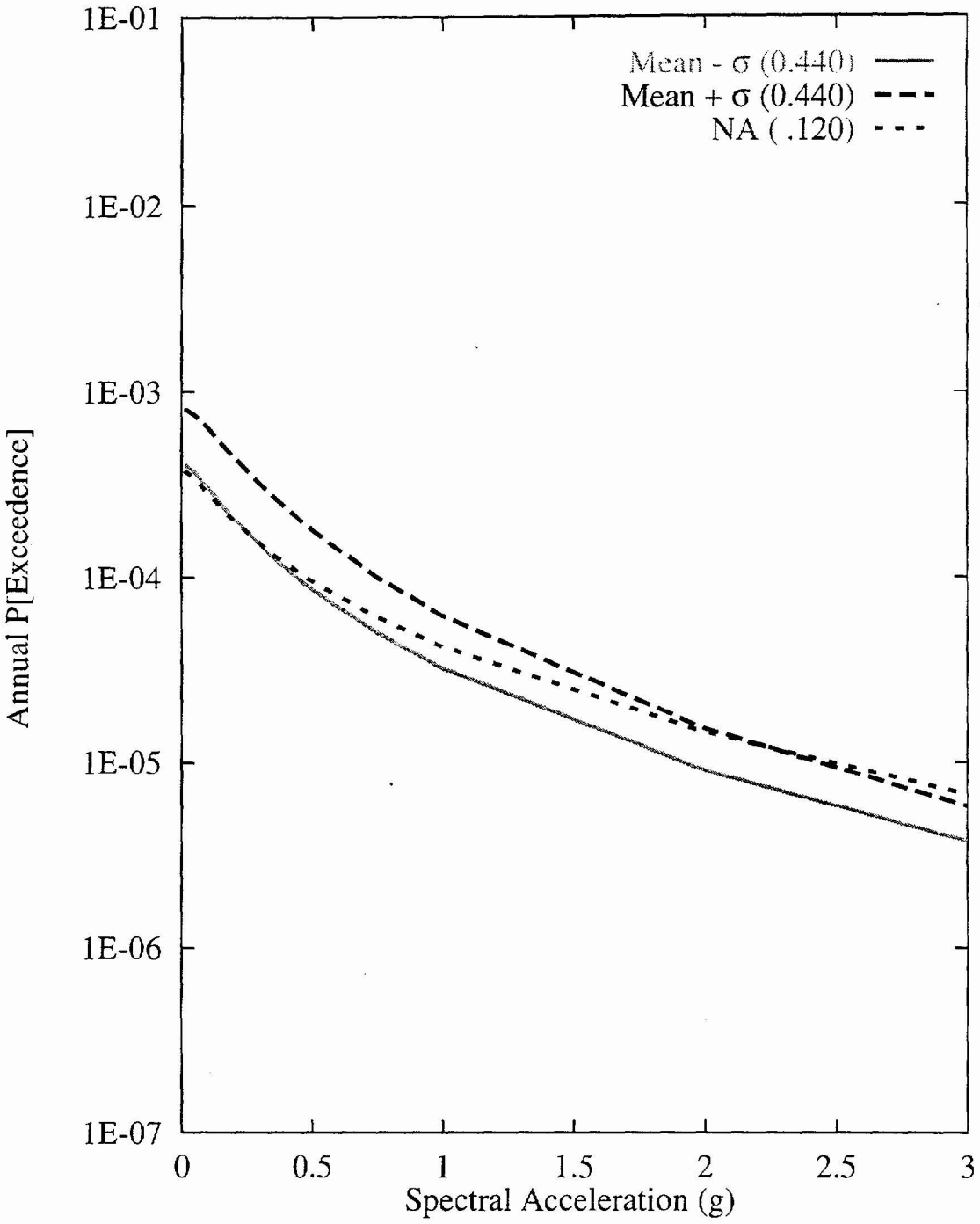


Figure 7-117 Sensitivity of seismic hazard from local faults to M_{max} on the Paintbrush Canyon-Stagecoach Road-Bow Ridge fault system: RYA team, 10-Hz horizontal spectral acceleration

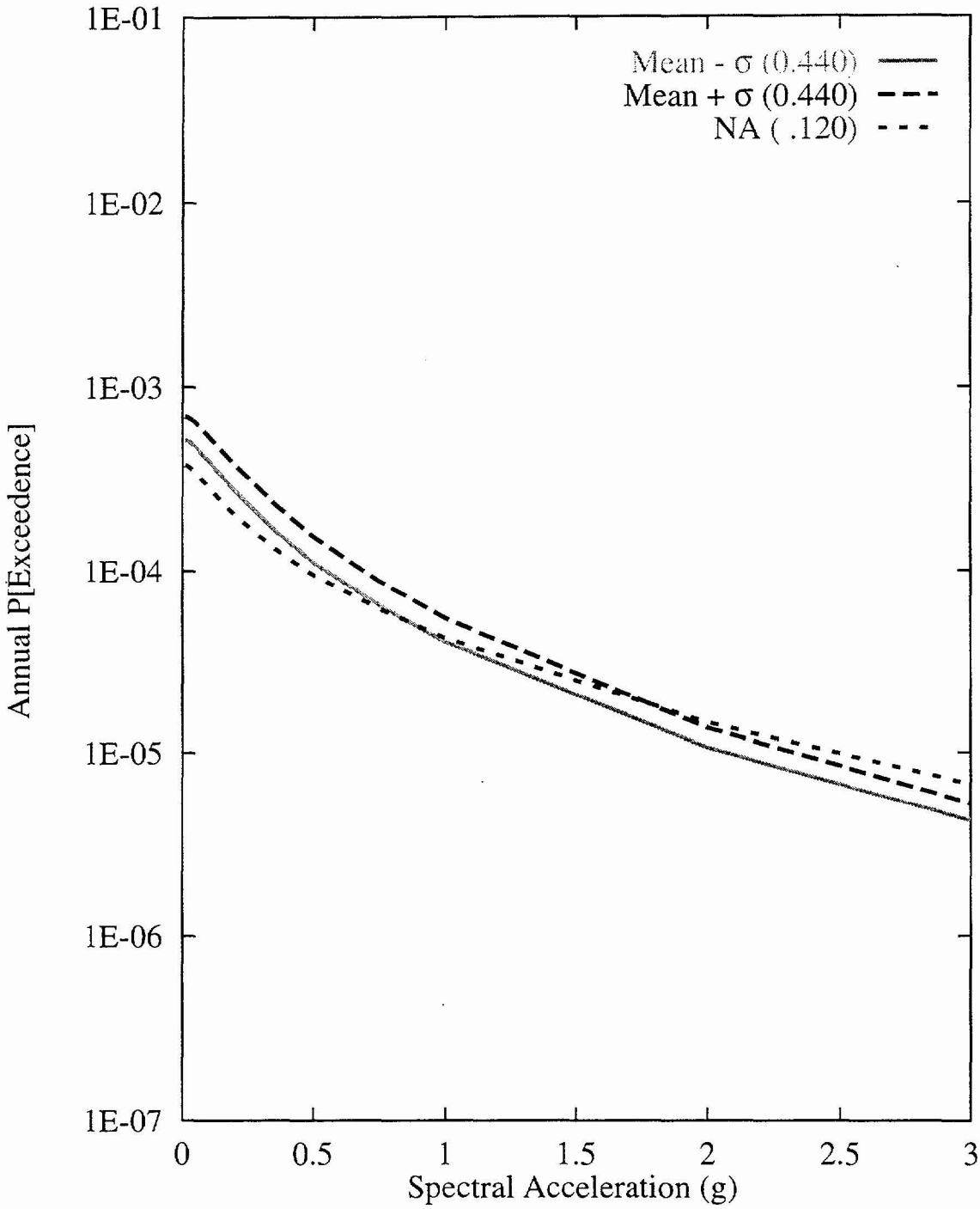


Figure 7-118 Sensitivity of seismic hazard from local faults to recurrence of the Paintbrush Canyon-Stagecoach Road-Bow Ridge fault system: RYA team, 10-Hz horizontal spectral acceleration

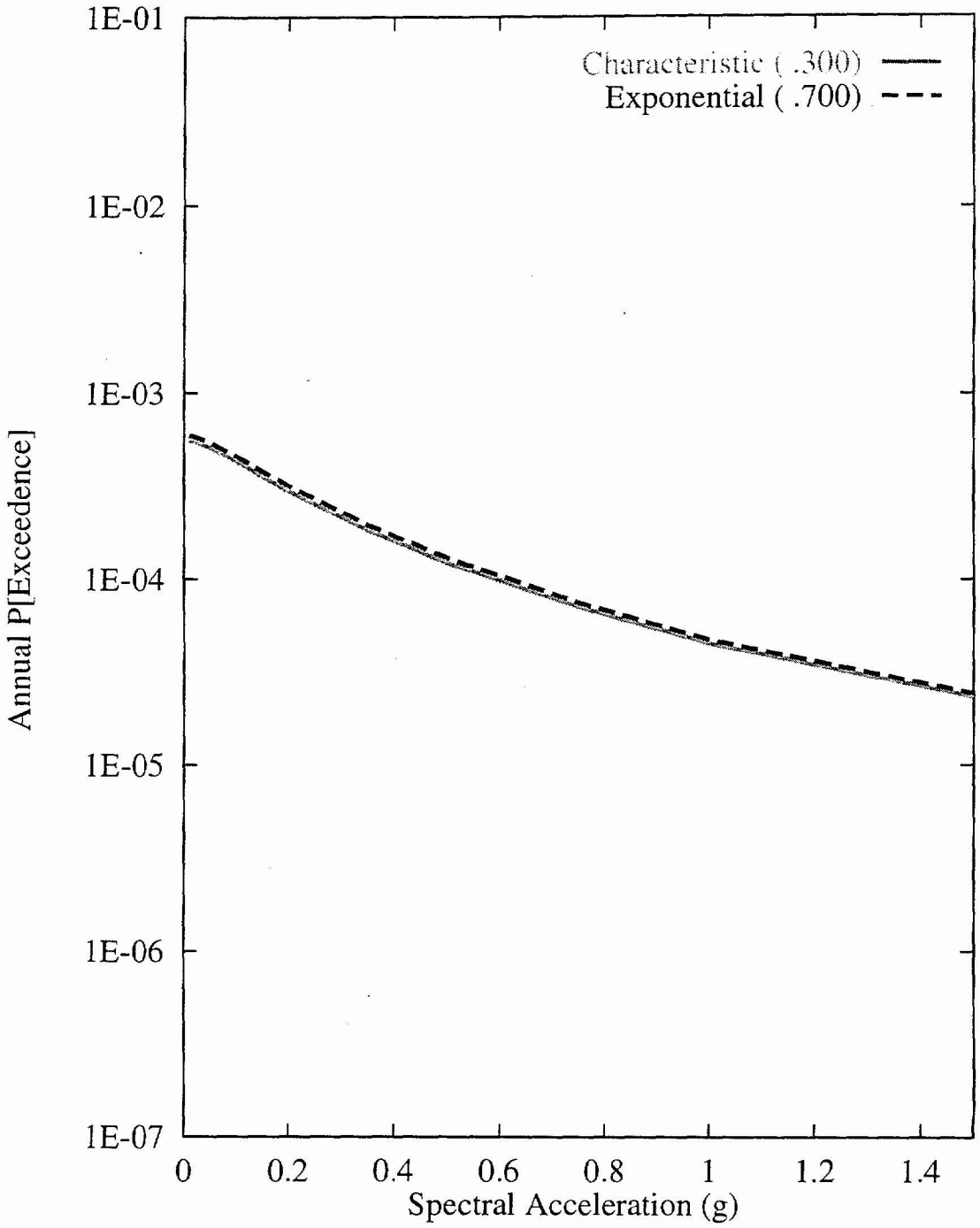


Figure 7-119 Sensitivity of seismic hazard from local faults to recurrence model for the West-side fault system: RYA team, 10-Hz horizontal spectral acceleration

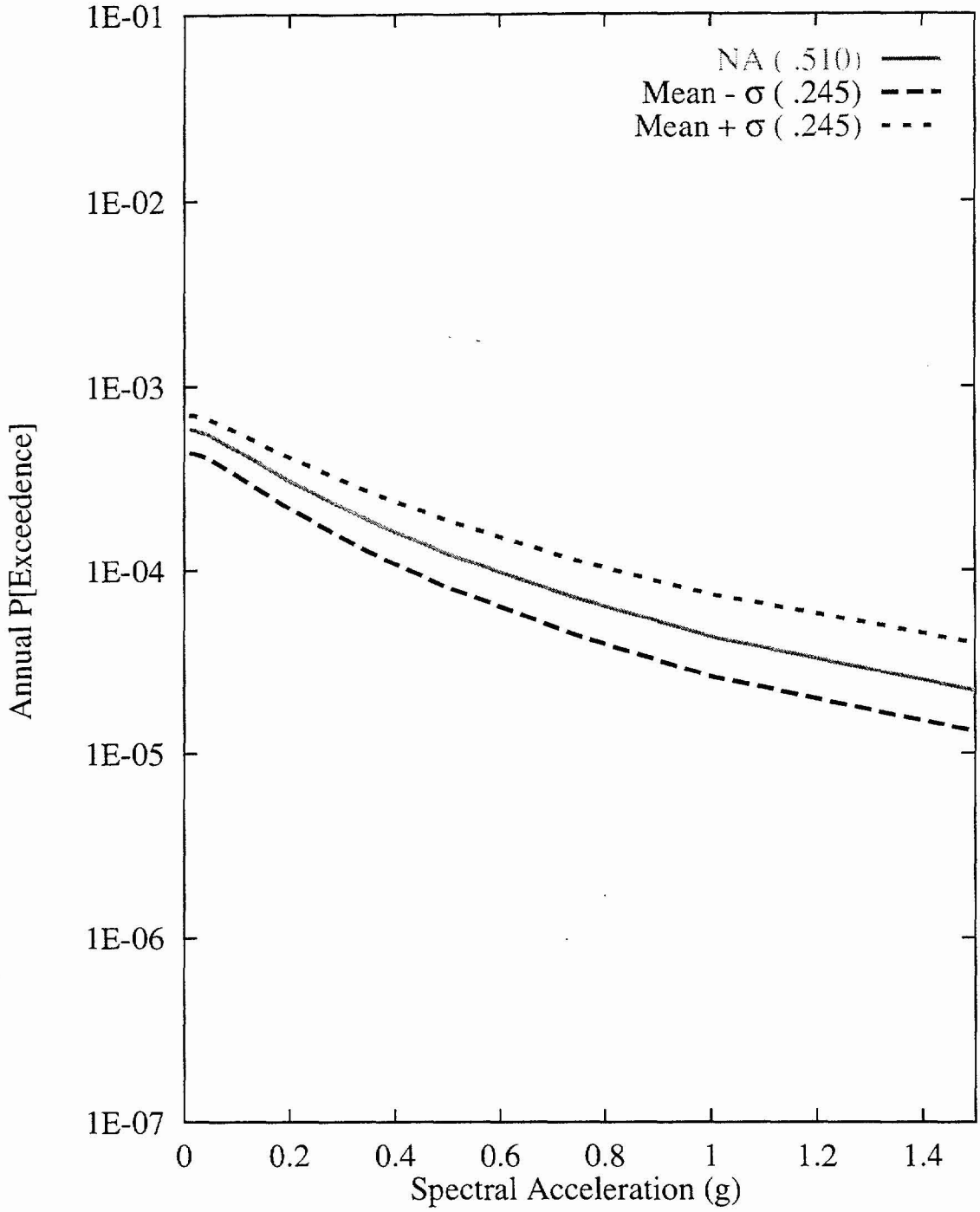


Figure 7-120 Sensitivity of seismic hazard from local faults to M_{max} on the West-side fault system: RYA team, 10-Hz horizontal spectral acceleration

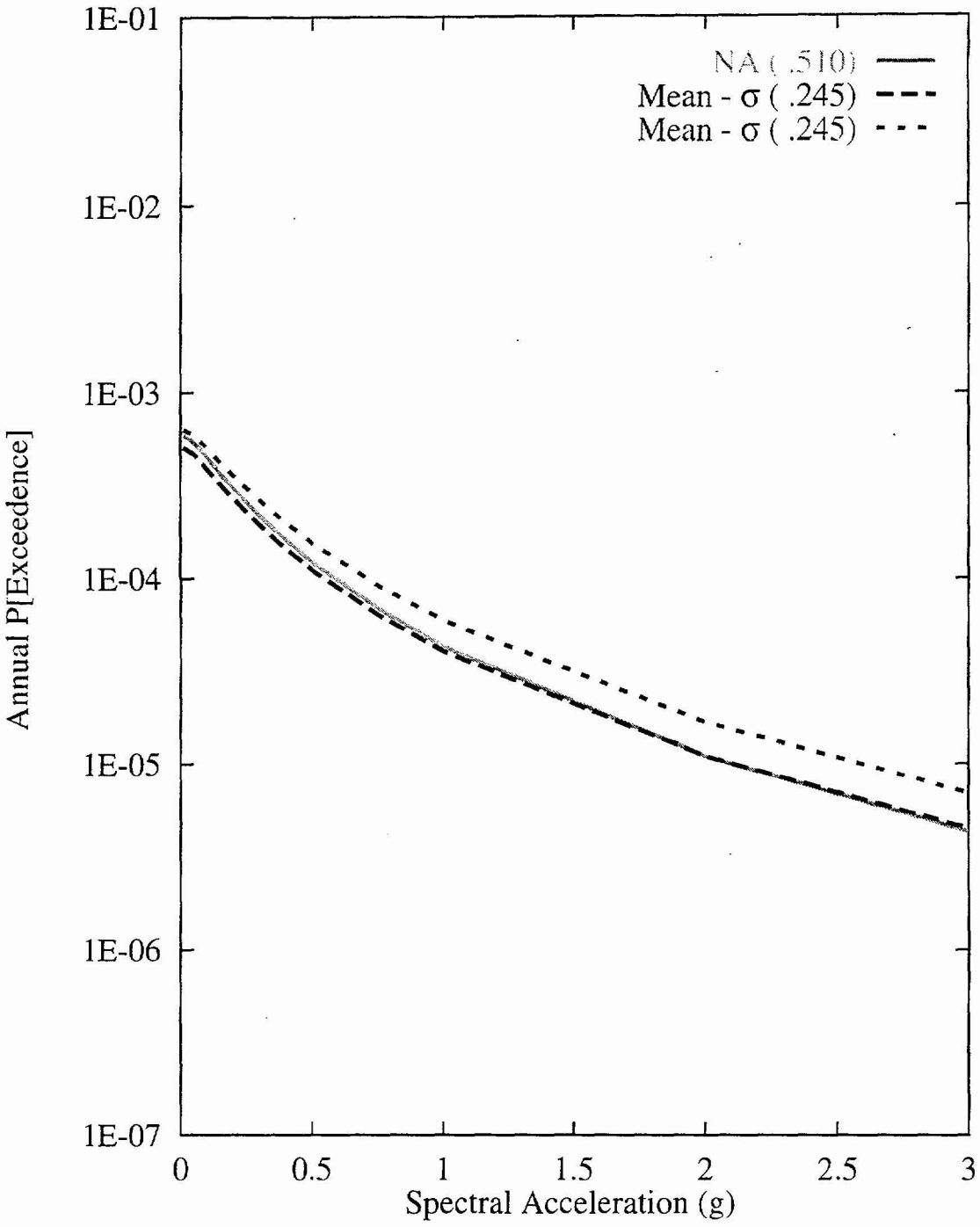


Figure 7-121 Sensitivity of seismic hazard from local faults to recurrence of the West-side fault system: RYA team, 10-Hz horizontal spectral acceleration

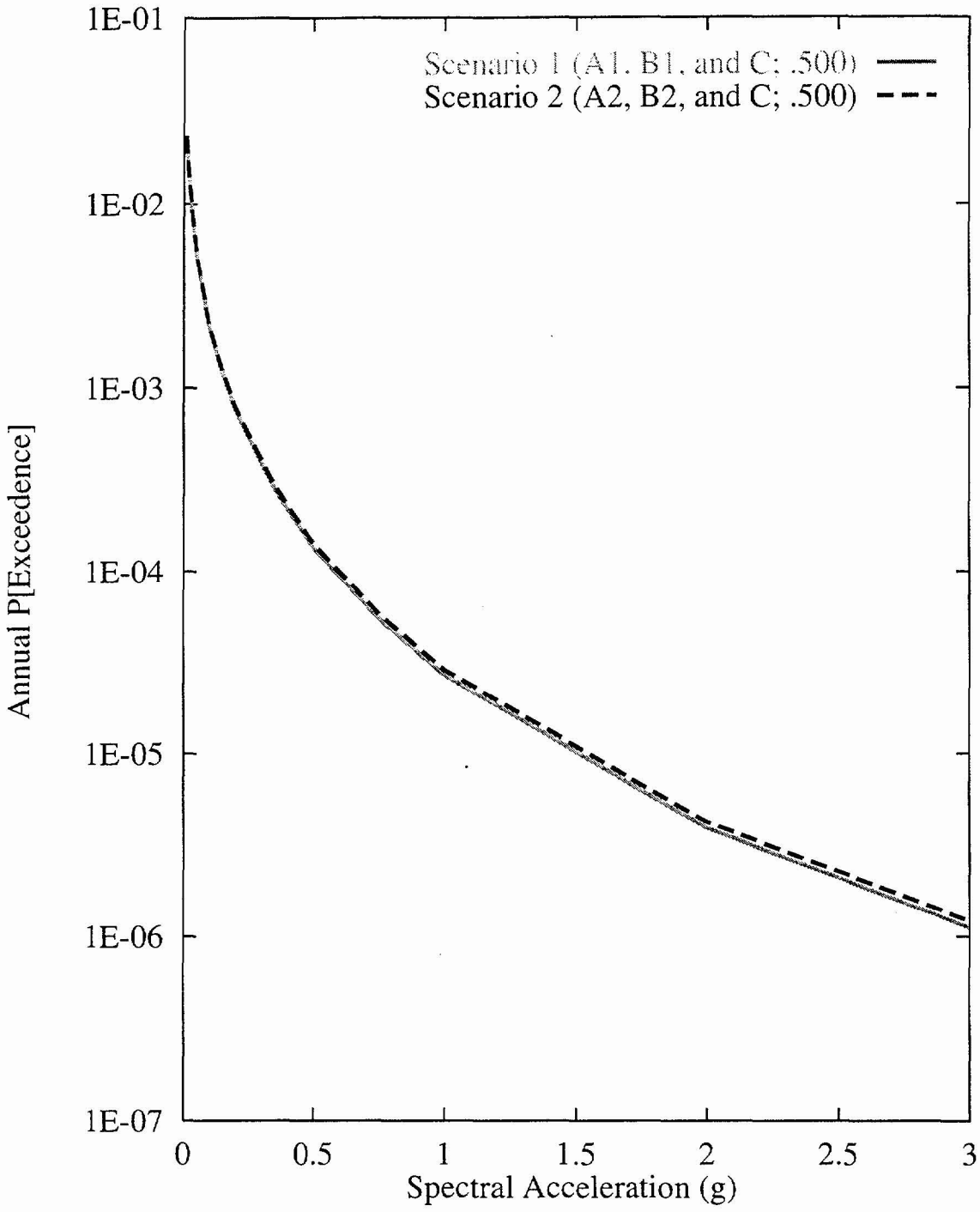


Figure 7-122 Sensitivity of seismic hazard from area zones to alternative zonation scenarios: RYA team, 10-Hz horizontal spectral acceleration

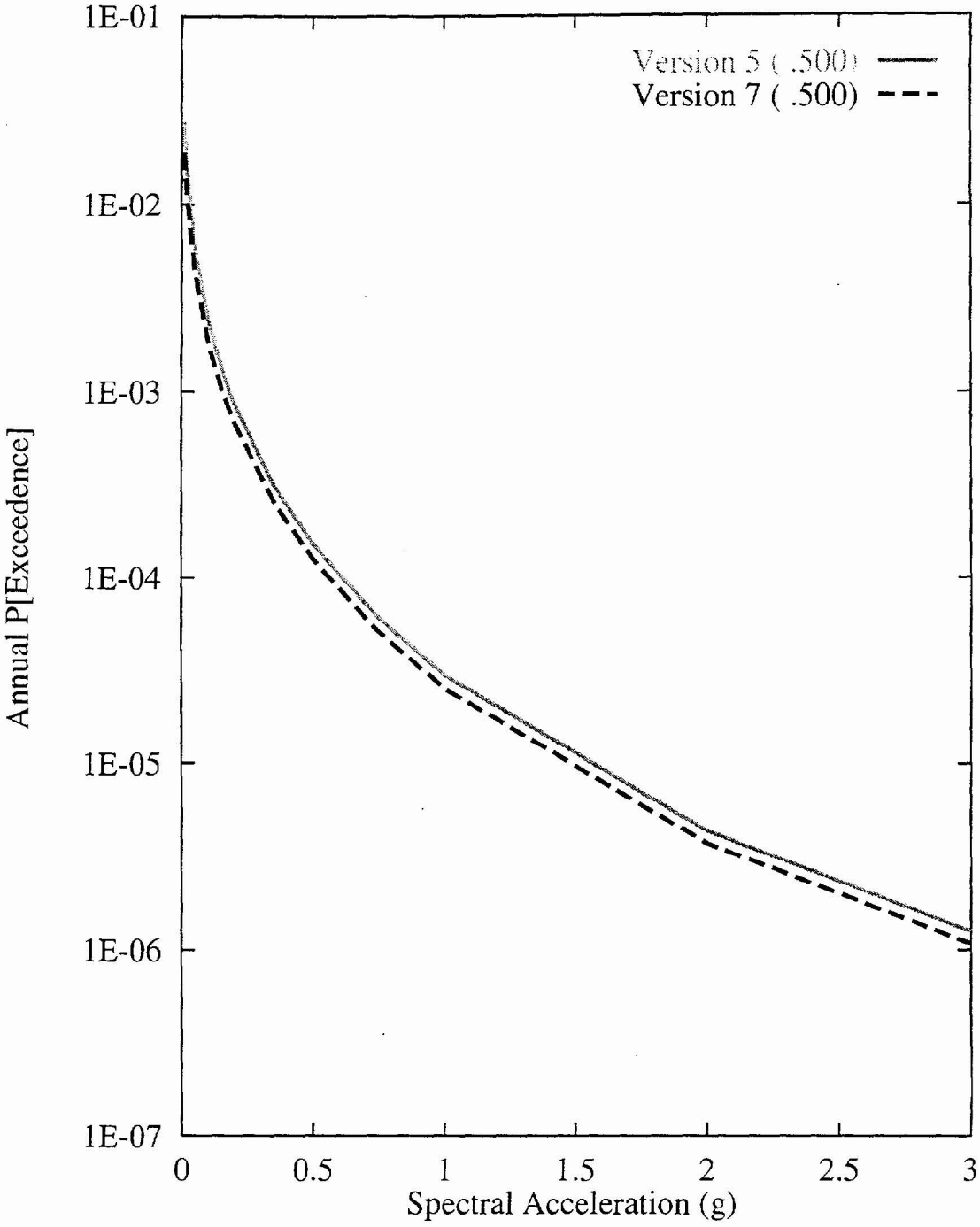


Figure 7-123 Sensitivity of seismic hazard from area zones to choice of seismicity catalog: RYA team, 10-Hz horizontal spectral acceleration

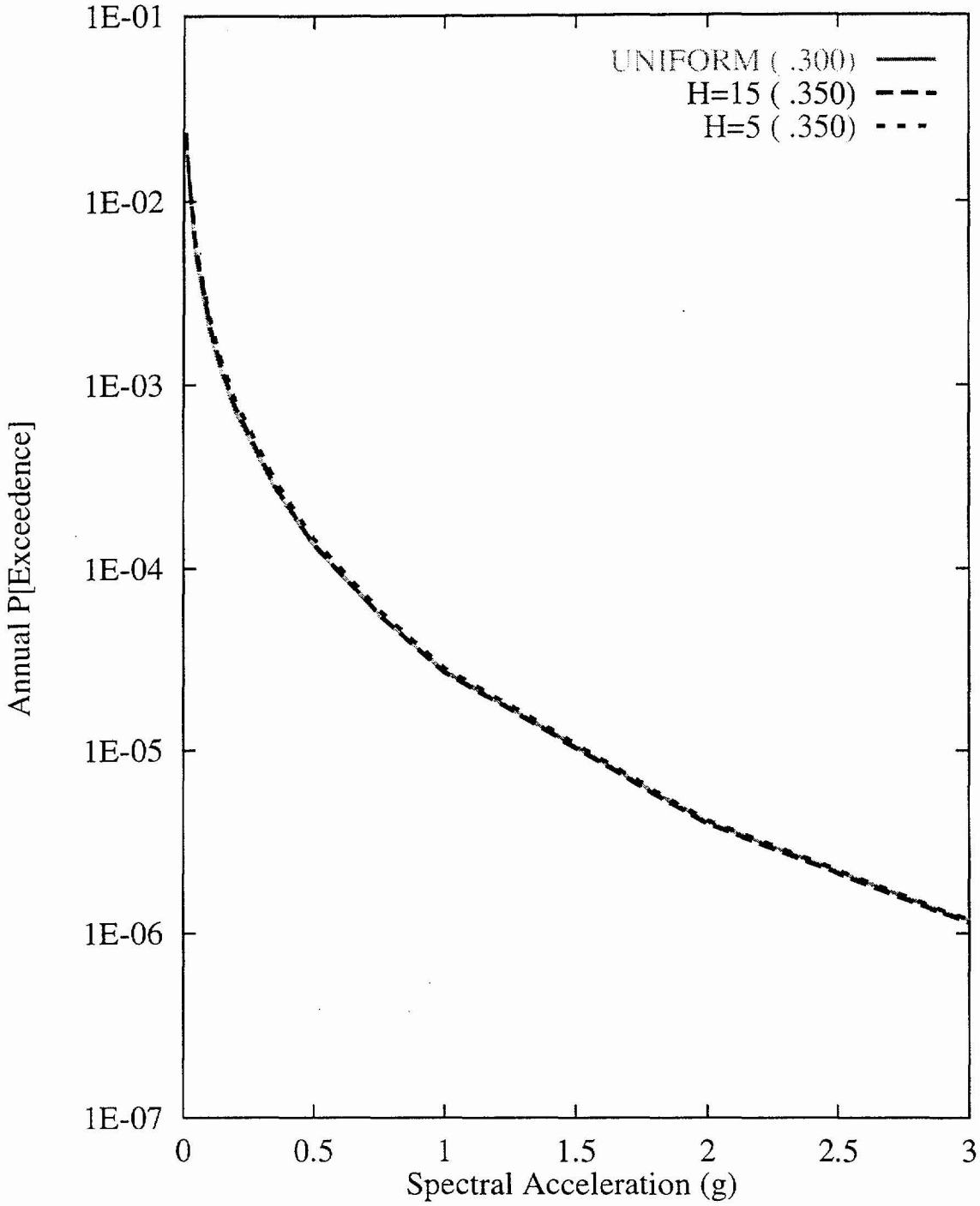


Figure 7-124 Sensitivity of seismic hazard from area zones to spatial variability and smoothing (H): RYA team, 10-Hz horizontal spectral acceleration

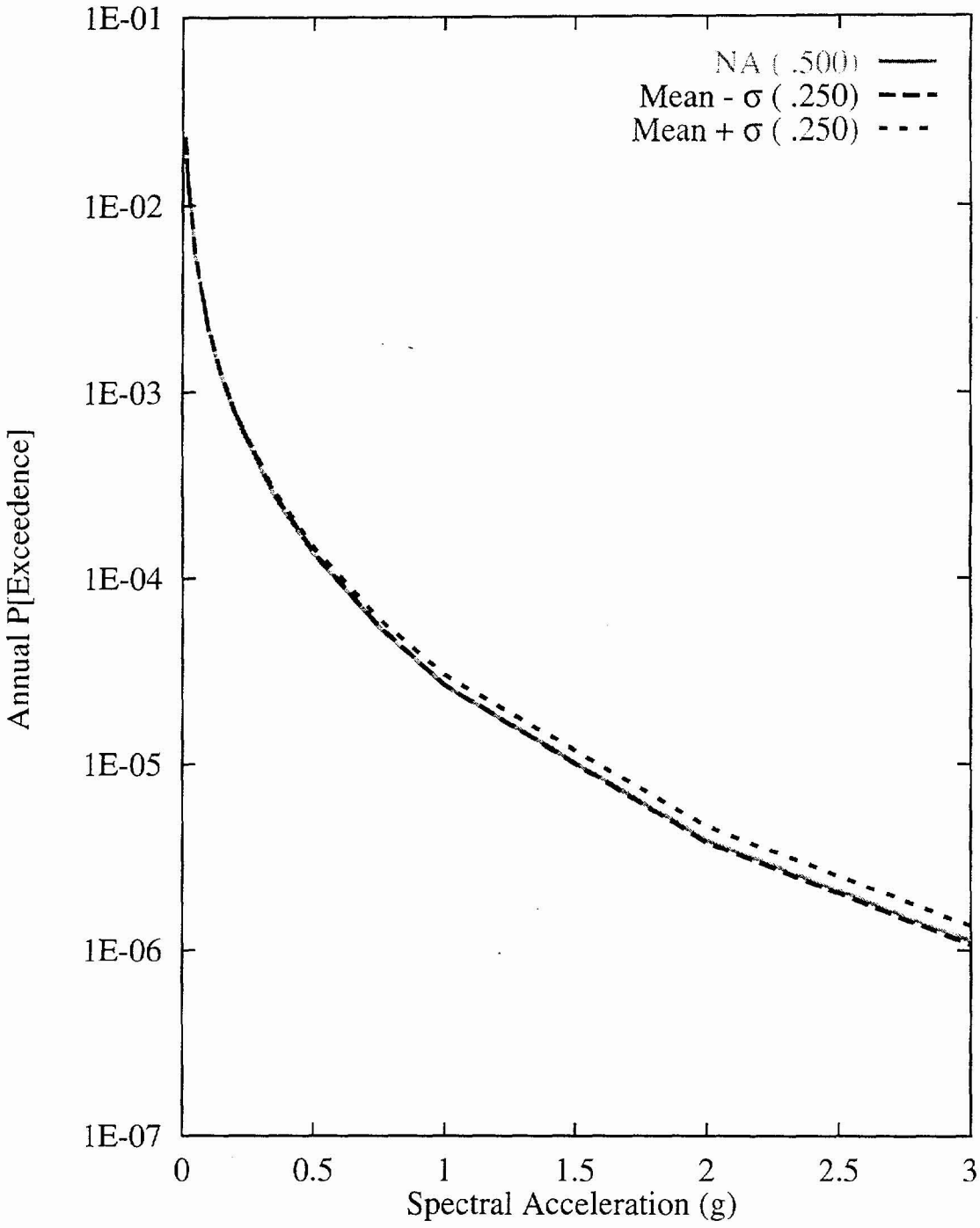


Figure 7-125 Sensitivity of seismic hazard from area zones to M_{max} on source zone A2: RYA team, 10-Hz horizontal spectral acceleration

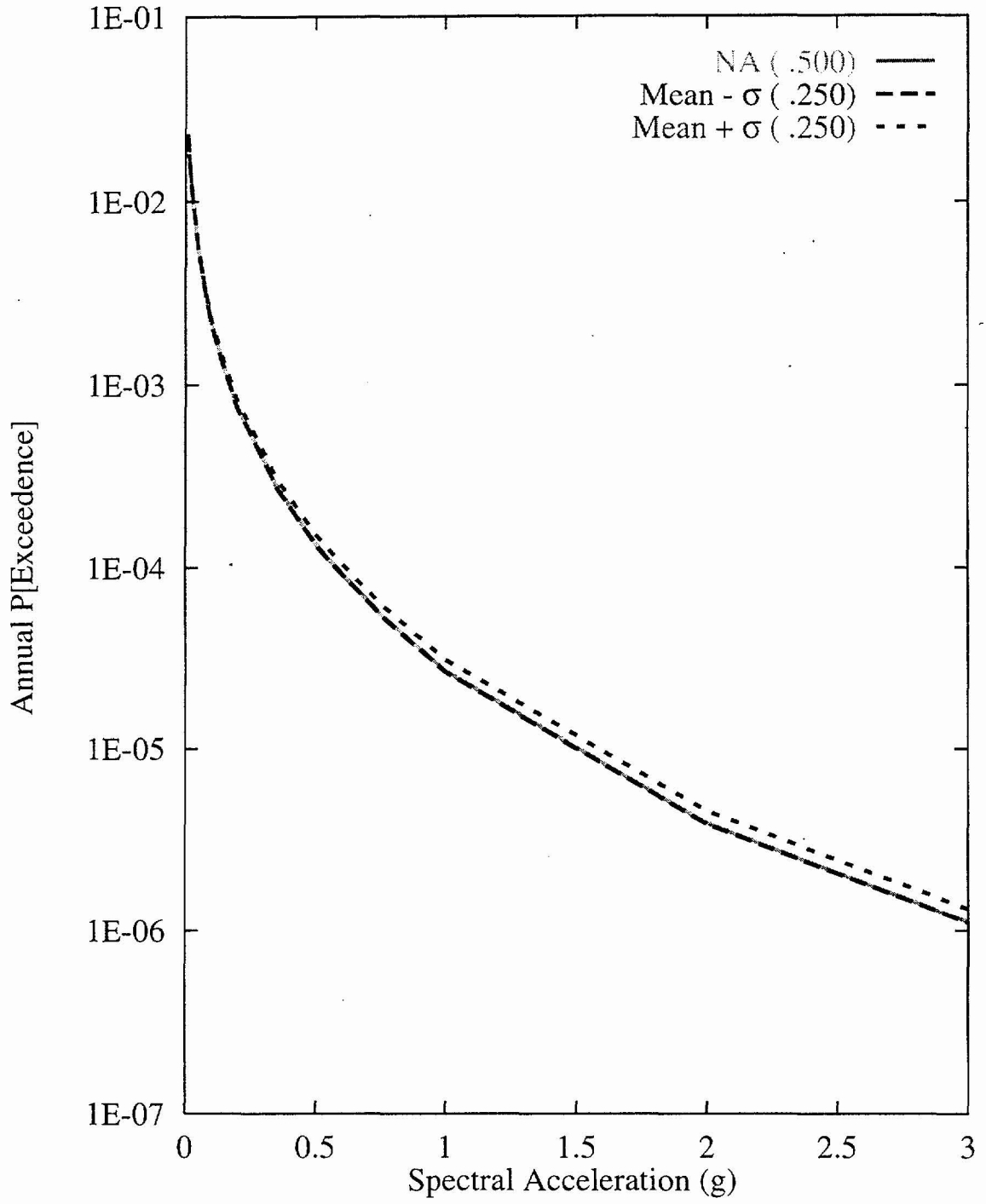


Figure 7-126 Sensitivity of seismic hazard from area zones to recurrence of source zone A2: RYA team, 10-Hz horizontal spectral acceleration

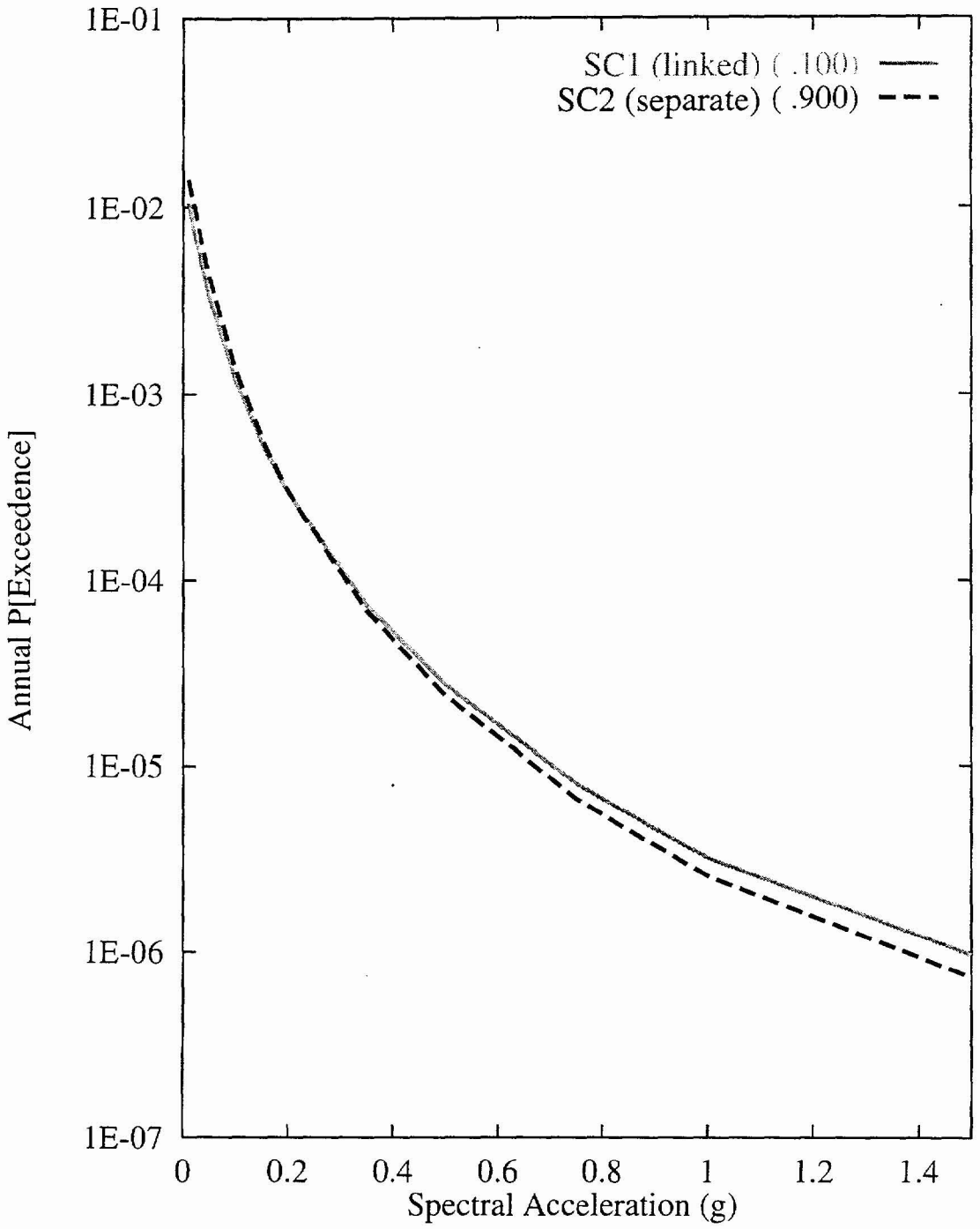


Figure 7-127 Sensitivity of seismic hazard from regional faults to Death Valley-Furnace Creek fault system behavior scenarios: RYA team, 1-Hz horizontal spectral acceleration

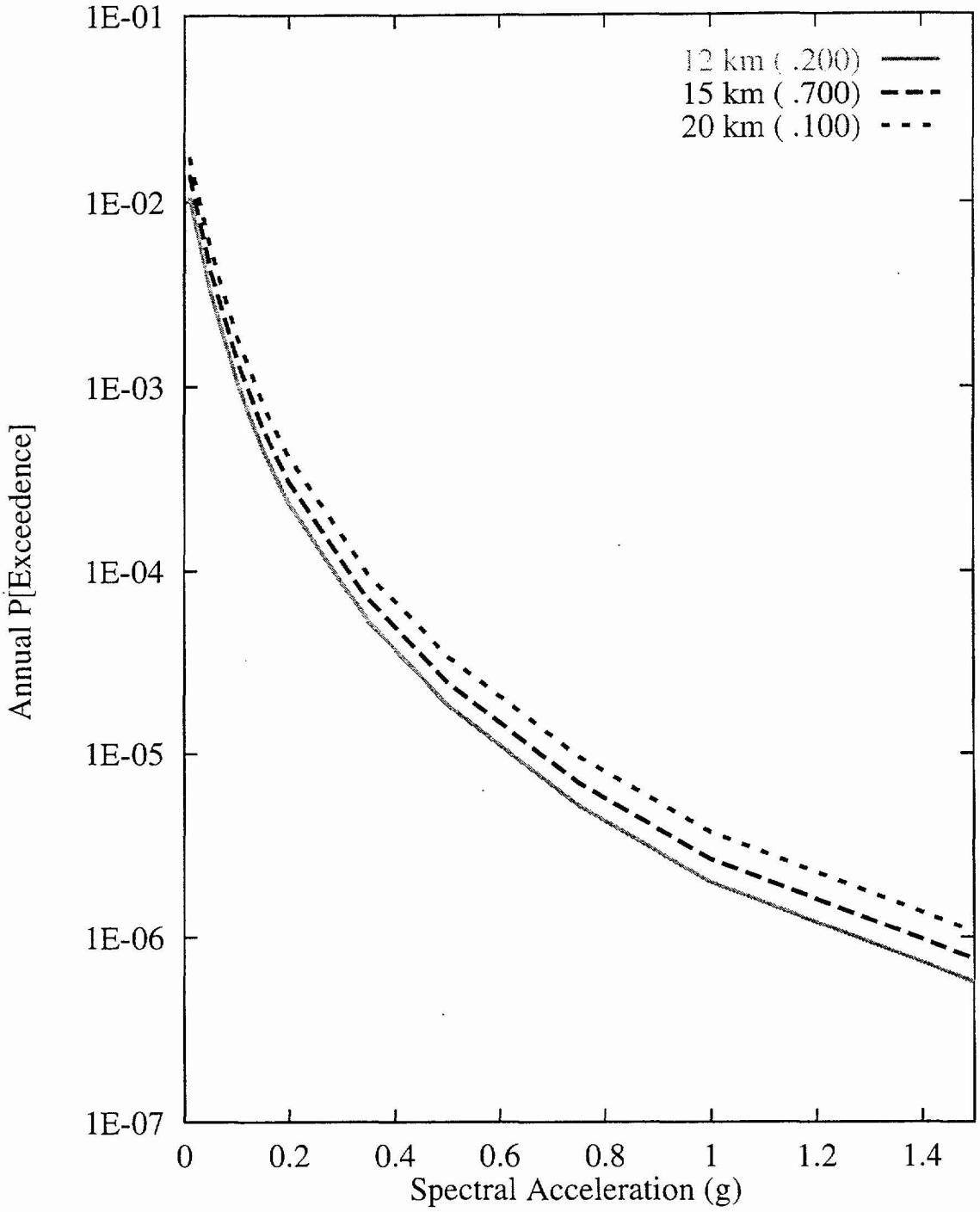


Figure 7-128 Sensitivity of seismic hazard from regional faults to maximum fault depth: RYA team, 1-Hz horizontal spectral acceleration

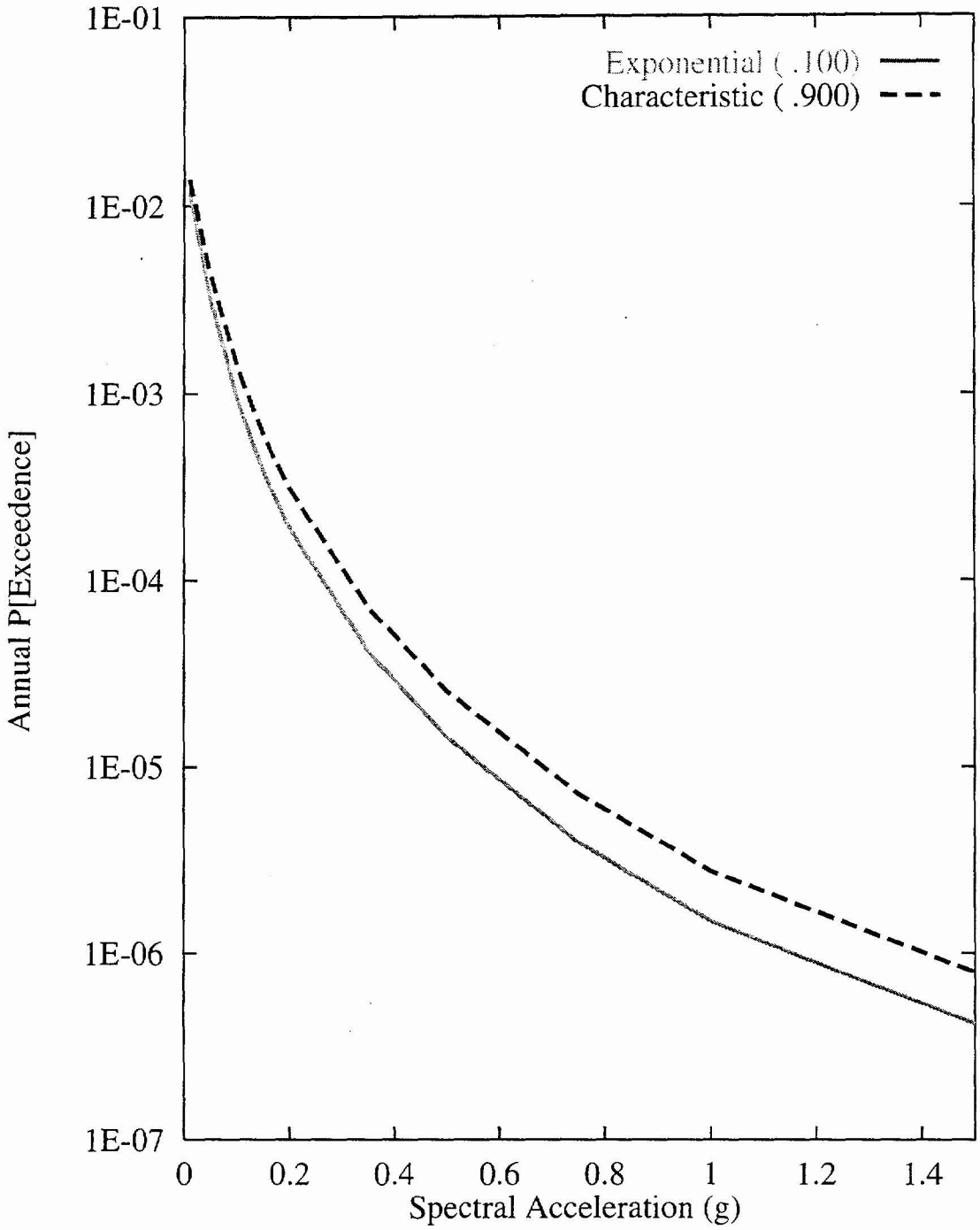


Figure 7-129 Sensitivity of seismic hazard from regional faults to recurrence model: RYA team, 1-Hz horizontal spectral acceleration

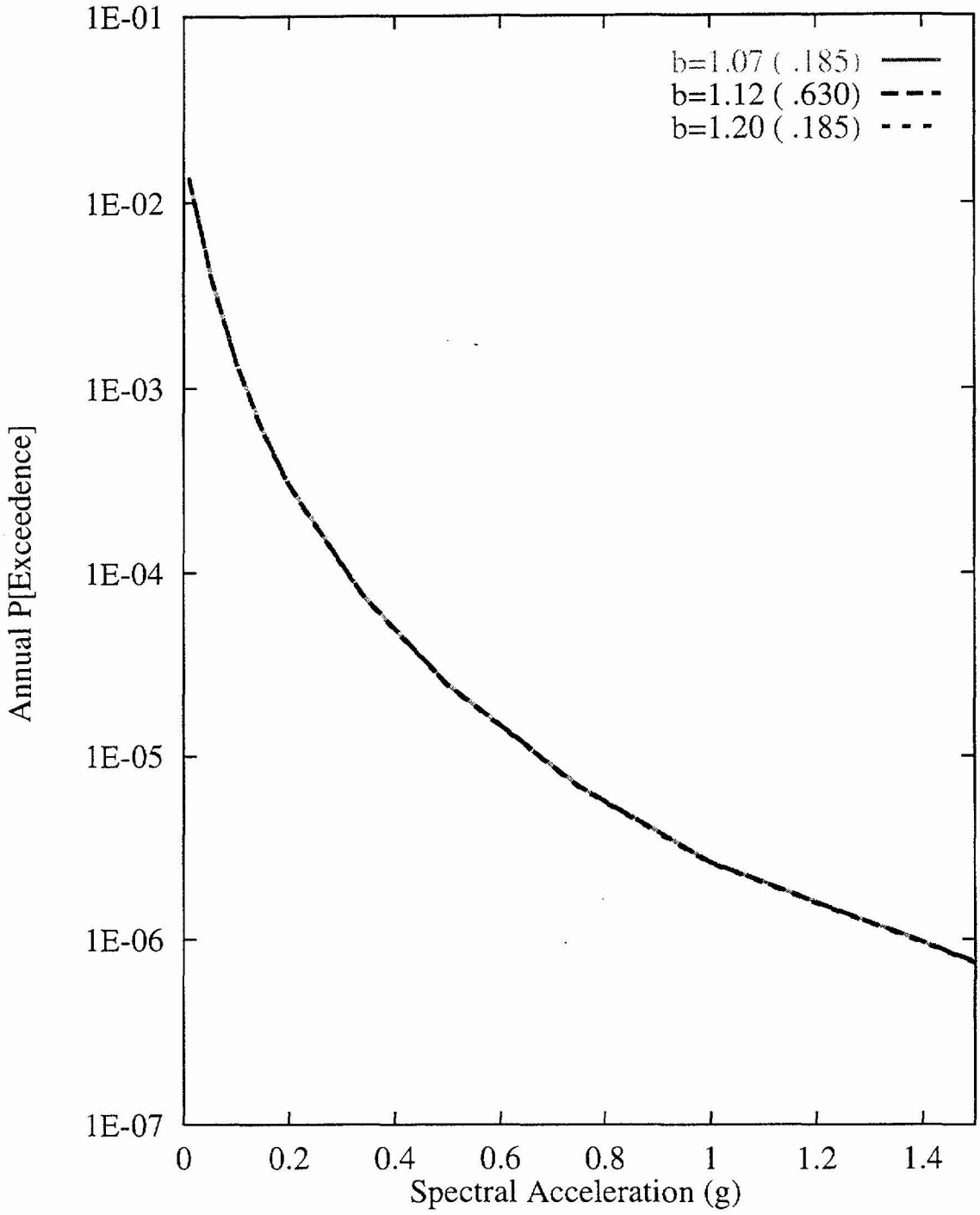


Figure 7-130 Sensitivity of seismic hazard from regional faults to b-value: RYA team, 1-Hz horizontal spectral acceleration

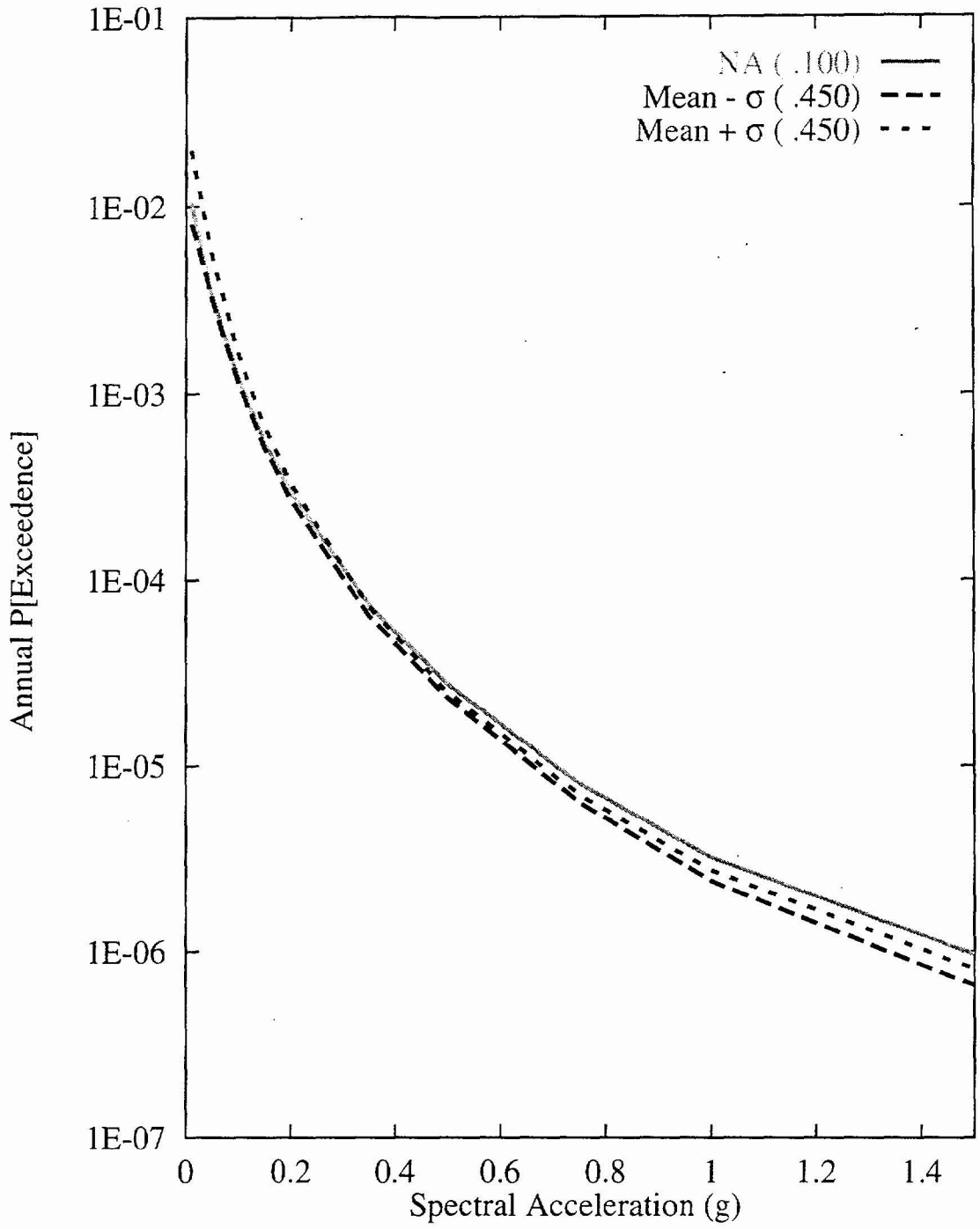


Figure 7-131 Sensitivity of seismic hazard from regional faults to Mmax on the Furnace Creek fault: RYA team, 1-Hz horizontal spectral acceleration

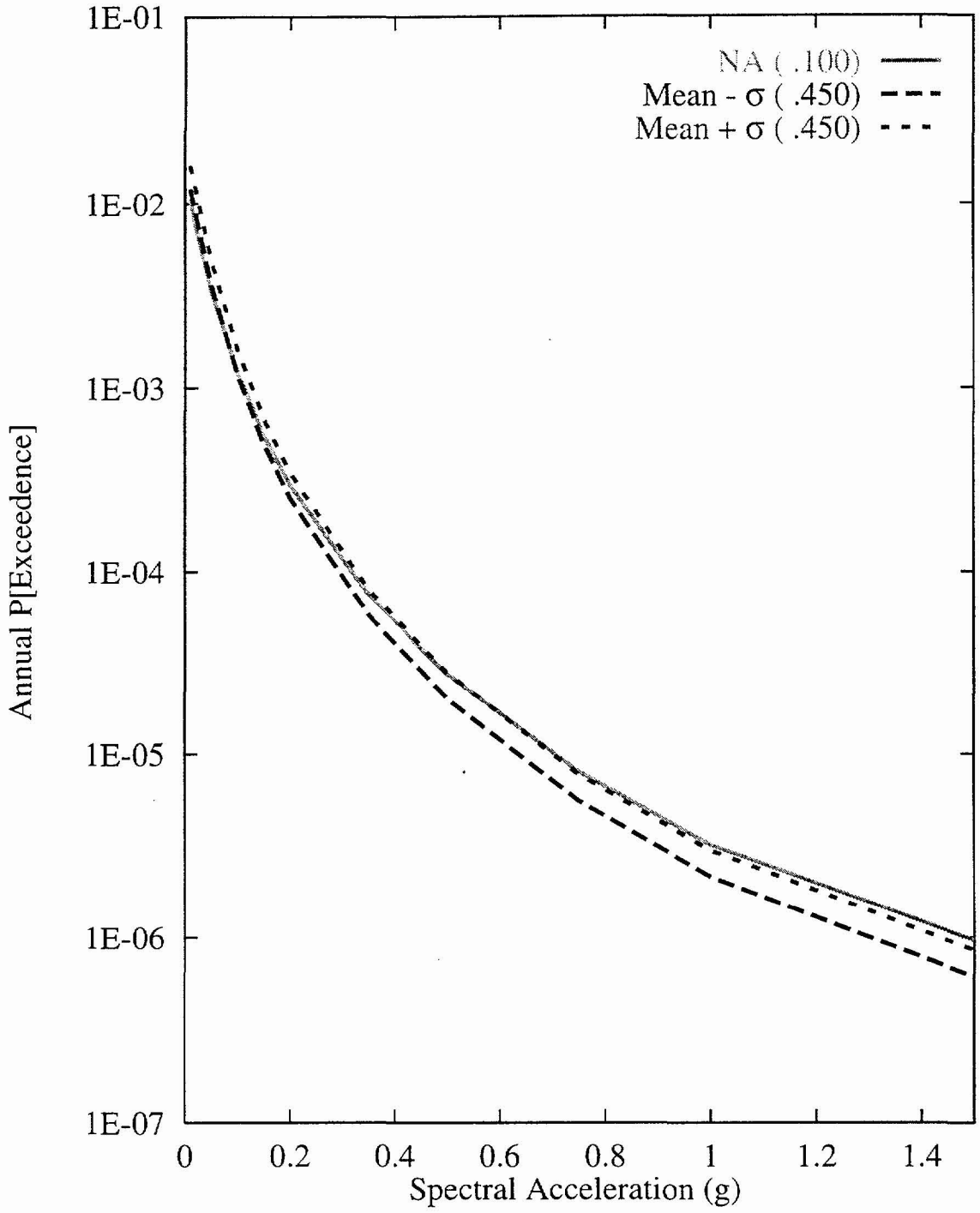


Figure 7-132 Sensitivity of seismic hazard from regional faults to recurrence of Furnace Creek fault: RYA team, 1-Hz horizontal spectral acceleration

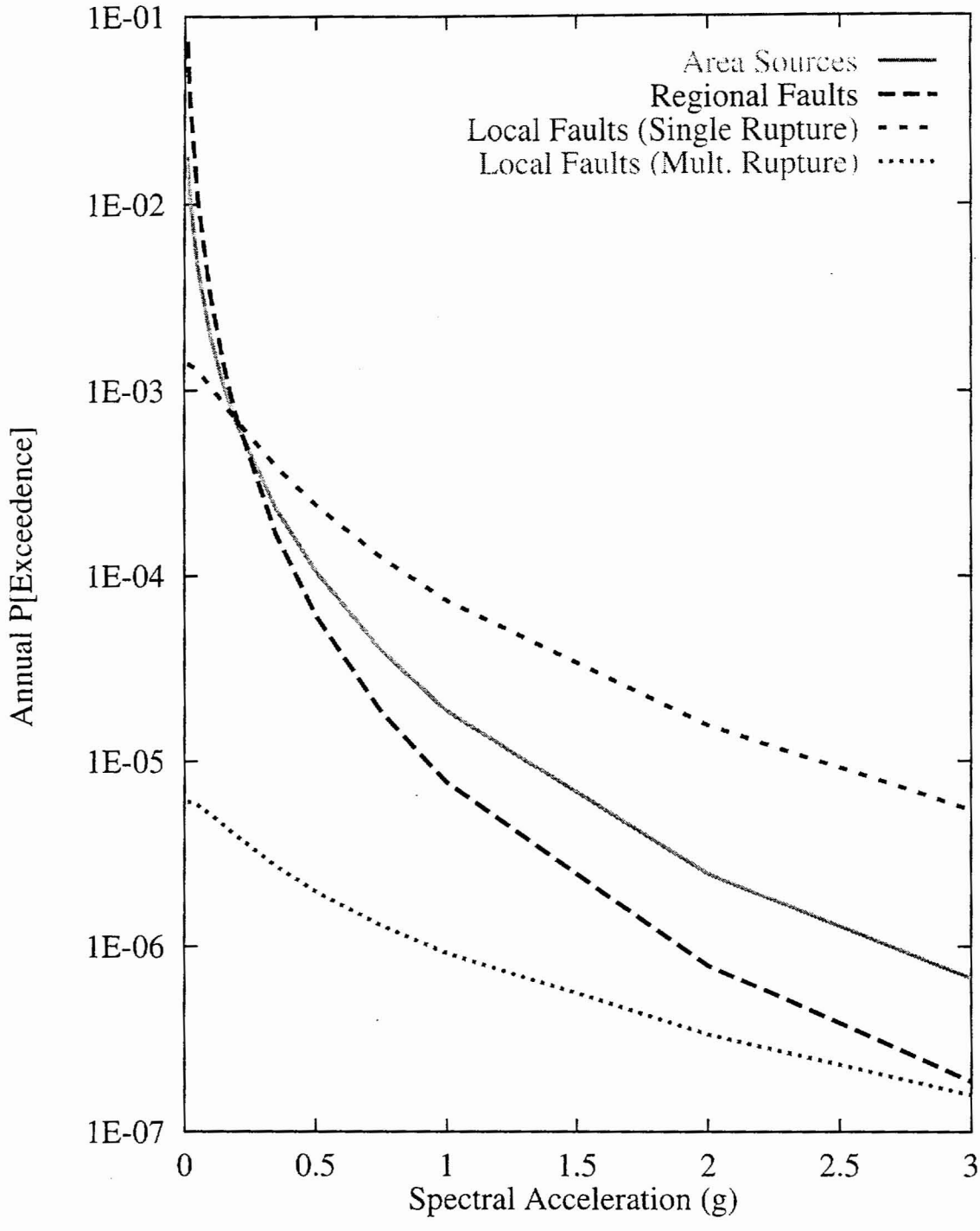


Figure 7-133 Contributions of source types to the mean hazard: SBK team, 10-Hz horizontal spectral acceleration

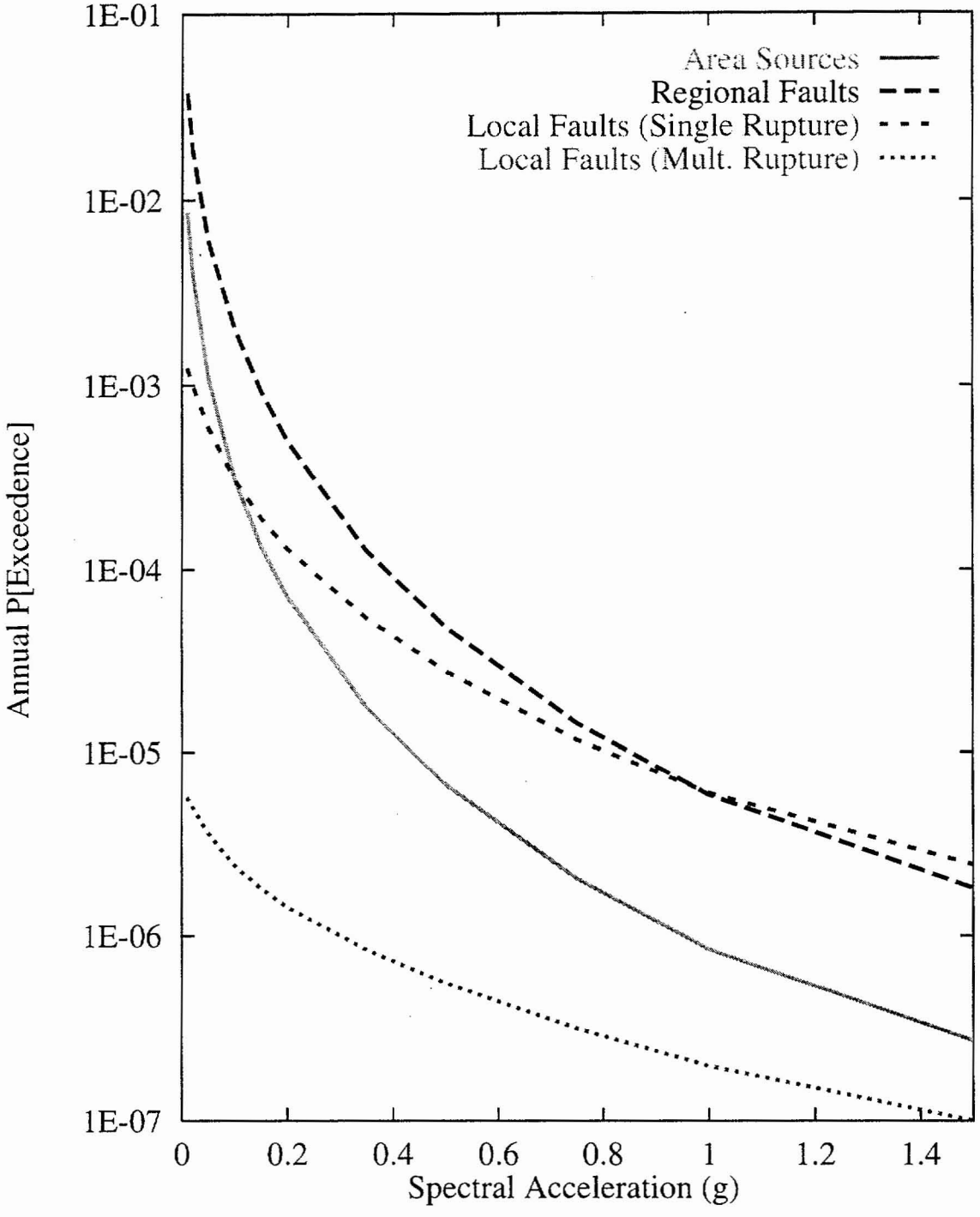


Figure 7-134 Contributions of source types to the mean hazard: SBK team, 1-Hz horizontal spectral acceleration

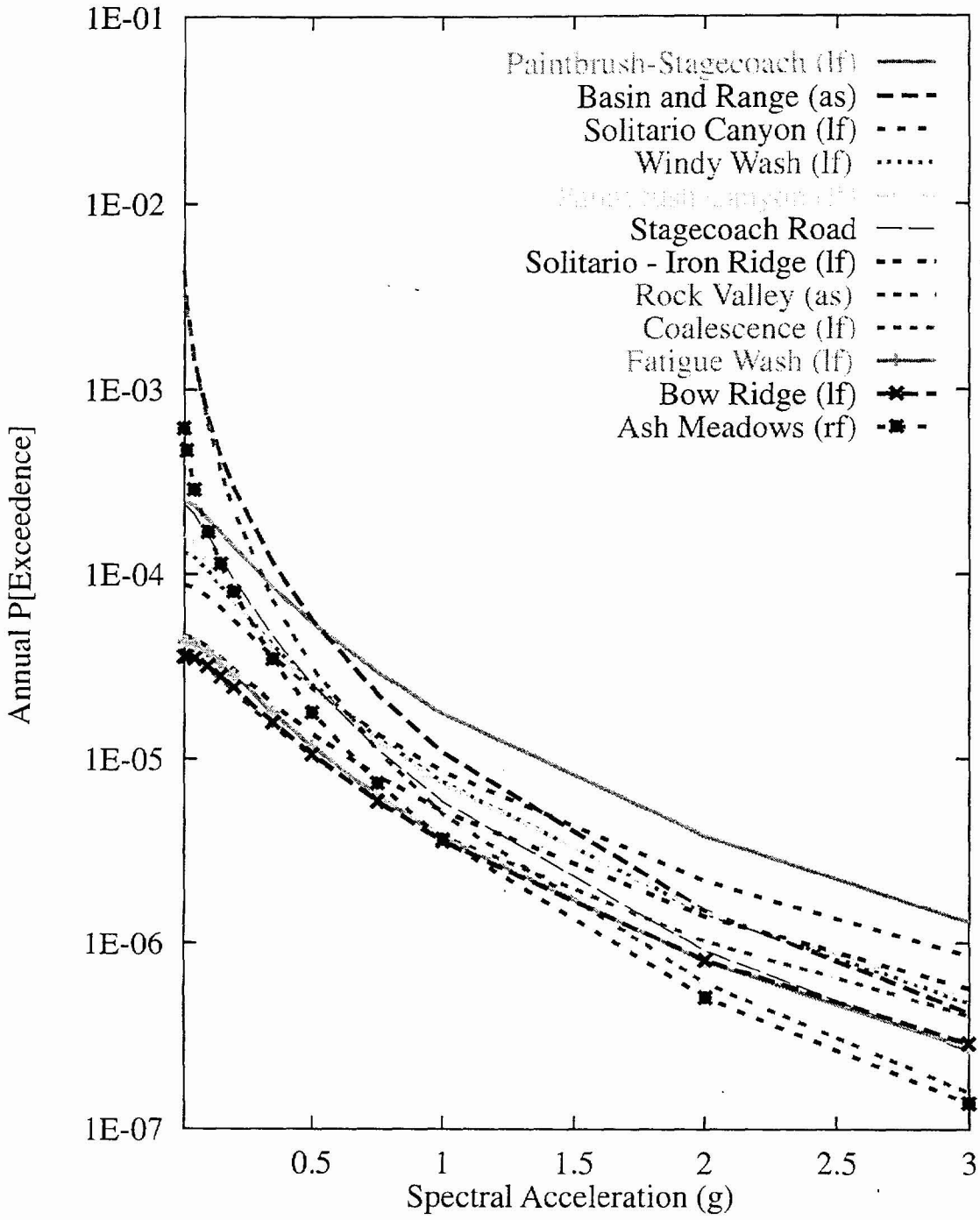


Figure 7-135 Mean seismic hazard from dominant seismic sources: SBK team, 10-Hz horizontal spectral acceleration

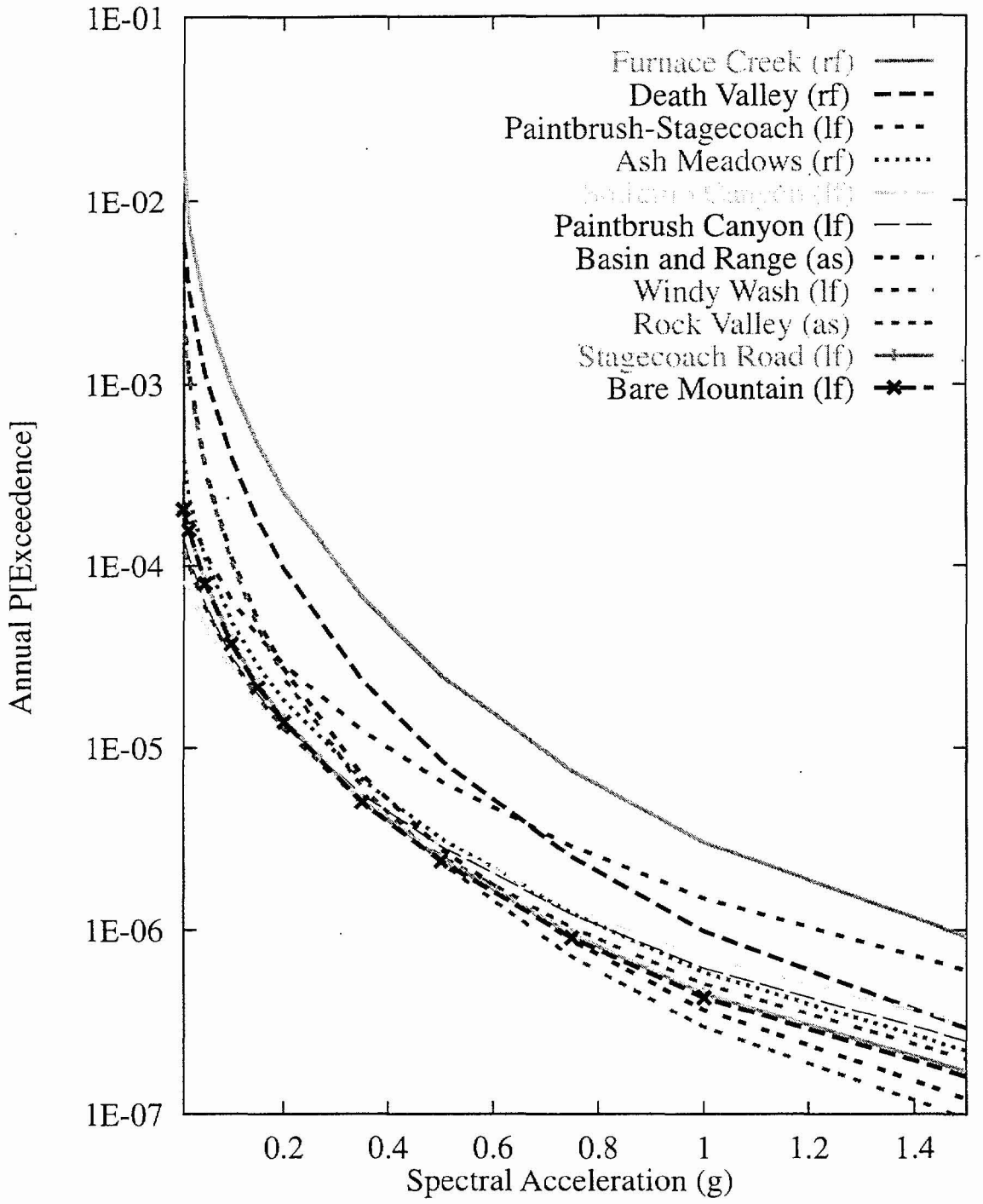
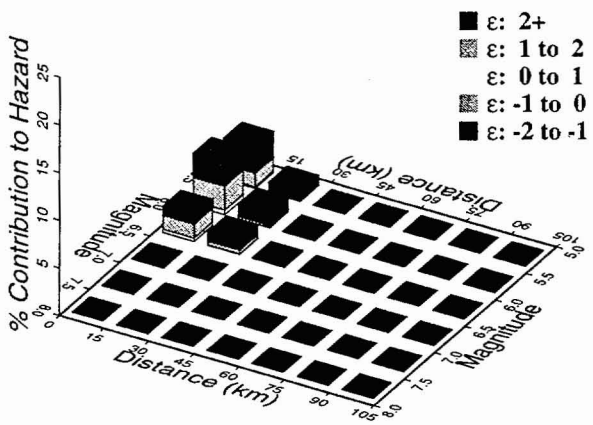
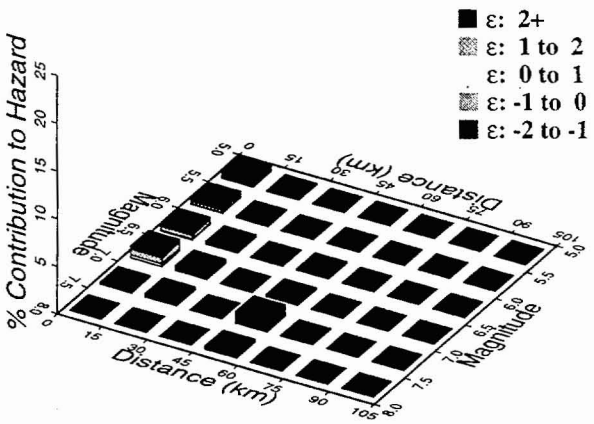


Figure 7-136 Mean seismic hazard from dominant seismic sources: SBK team, 1-Hz horizontal spectral acceleration

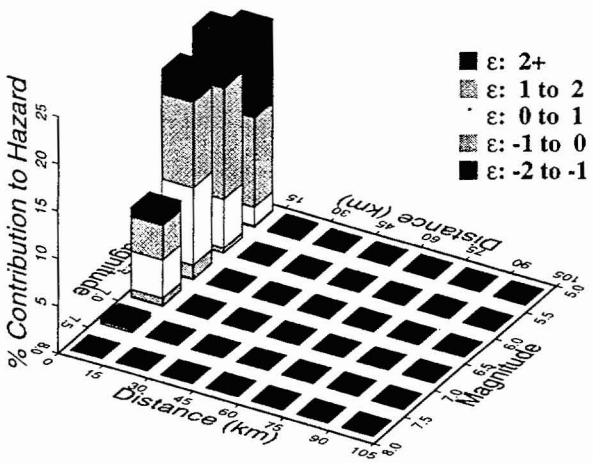
10 Hz, SBK Area Sources



10 Hz, SBK Regional Faults



10 Hz, SBK Local Faults (Single)



10 Hz, SBK Local Faults (Mult.)

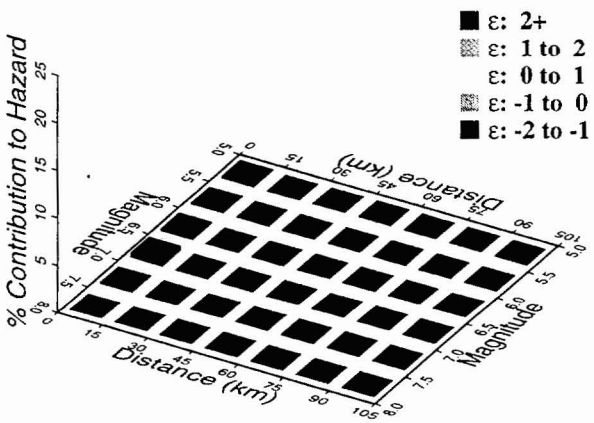
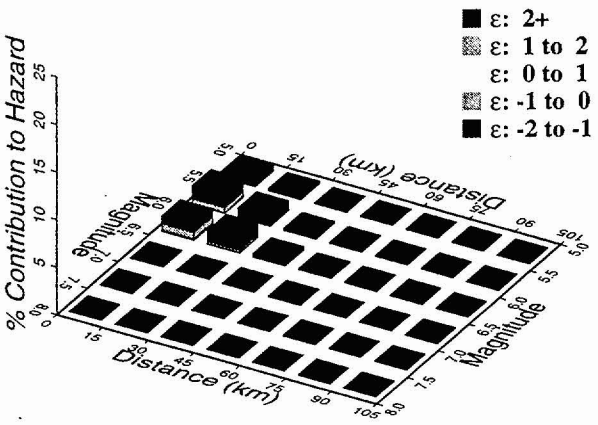
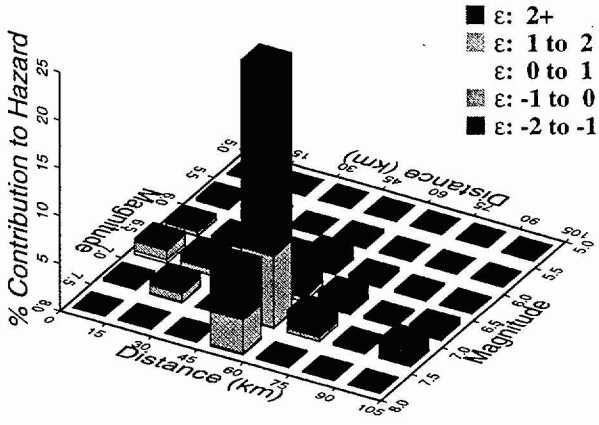


Figure 7-137 Magnitude-distance-epsilon distributions for the four source types: SBK team, 10-Hz horizontal spectral acceleration

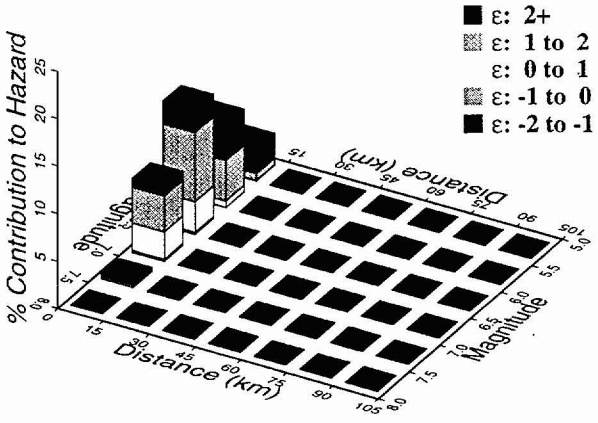
1 Hz, SBK Area Sources



1 Hz, SBK Regional Faults



1 Hz, SBK Local Faults (Single)



1 Hz, SBK Local Faults (Mult.)

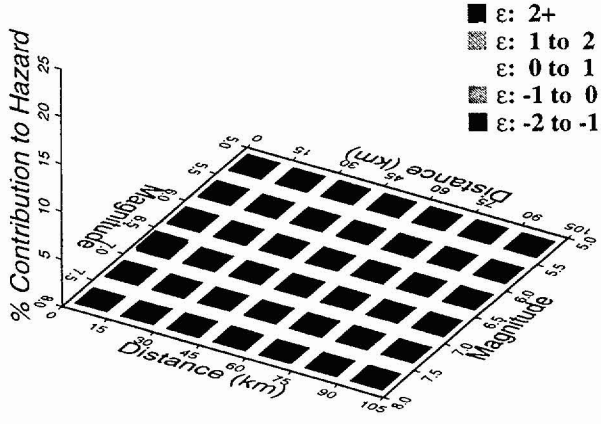


Figure 7-138 Magnitude-distance-epsilon distributions for the four source types: SBK team, 1-Hz horizontal spectral acceleration

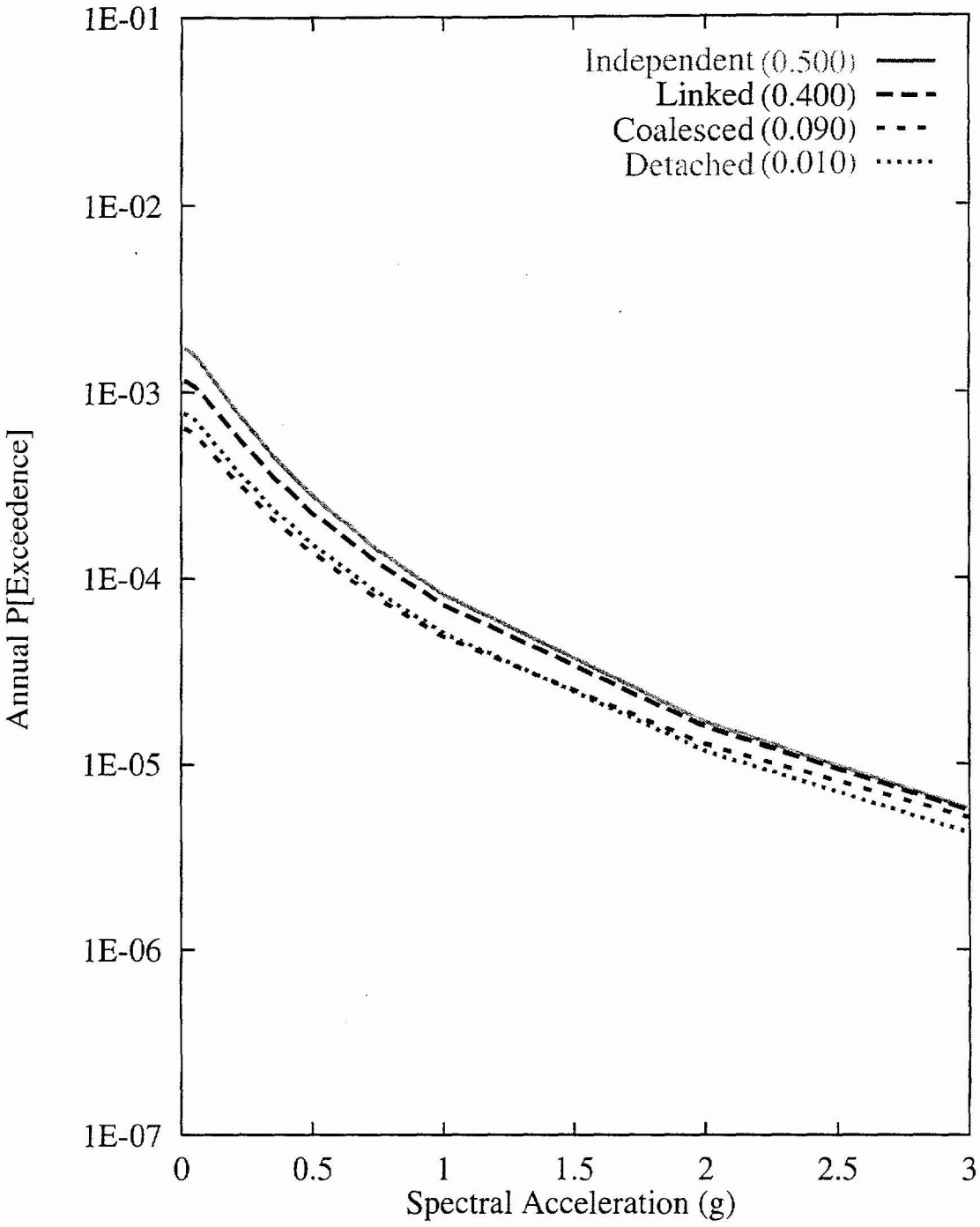


Figure 7-139 Sensitivity of seismic hazard from local faults to behavior of local faults: SBK team, 10-Hz horizontal spectral acceleration

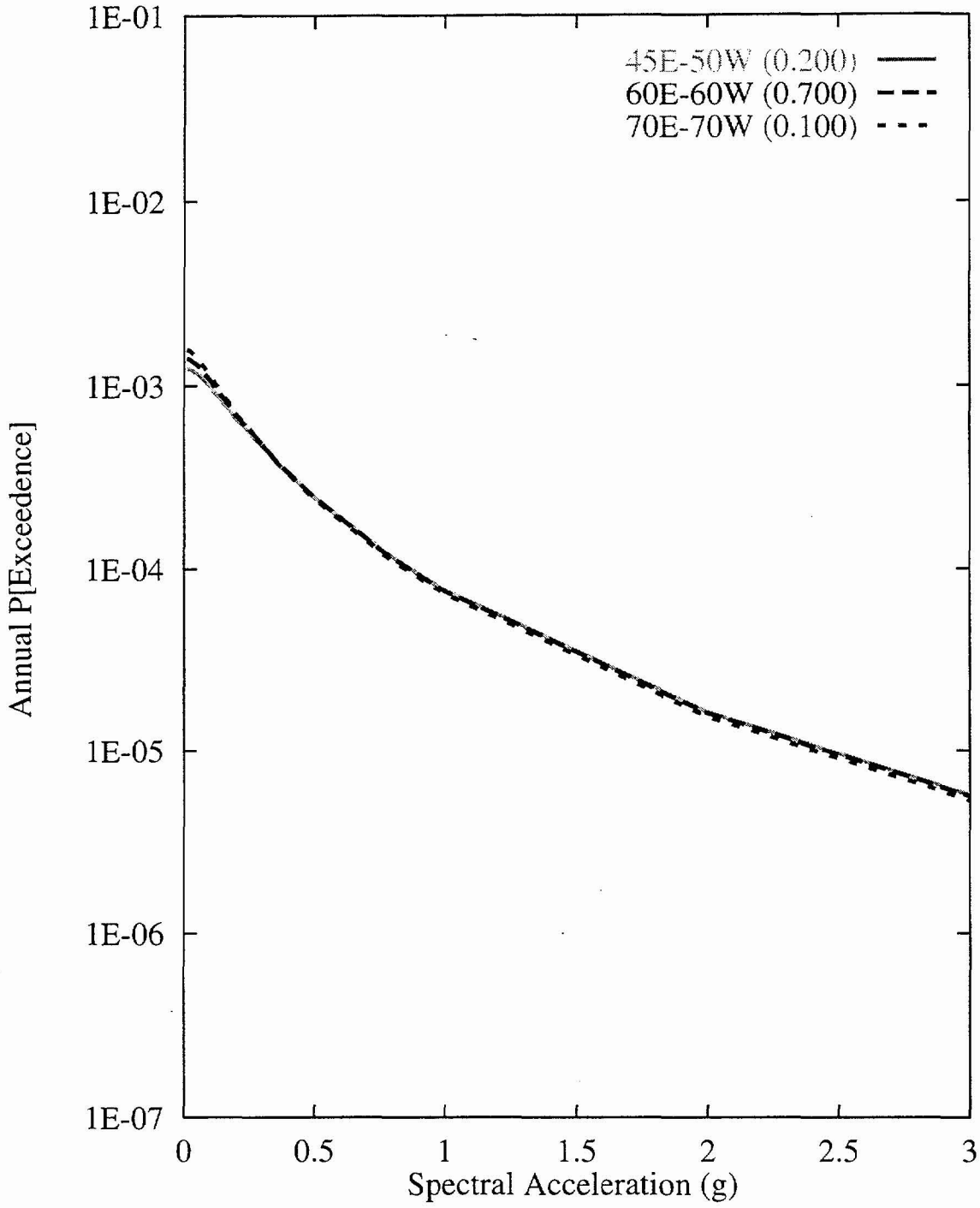


Figure 7-140 Sensitivity of seismic hazard from local faults to fault dip: SBK team, 10-Hz horizontal spectral acceleration

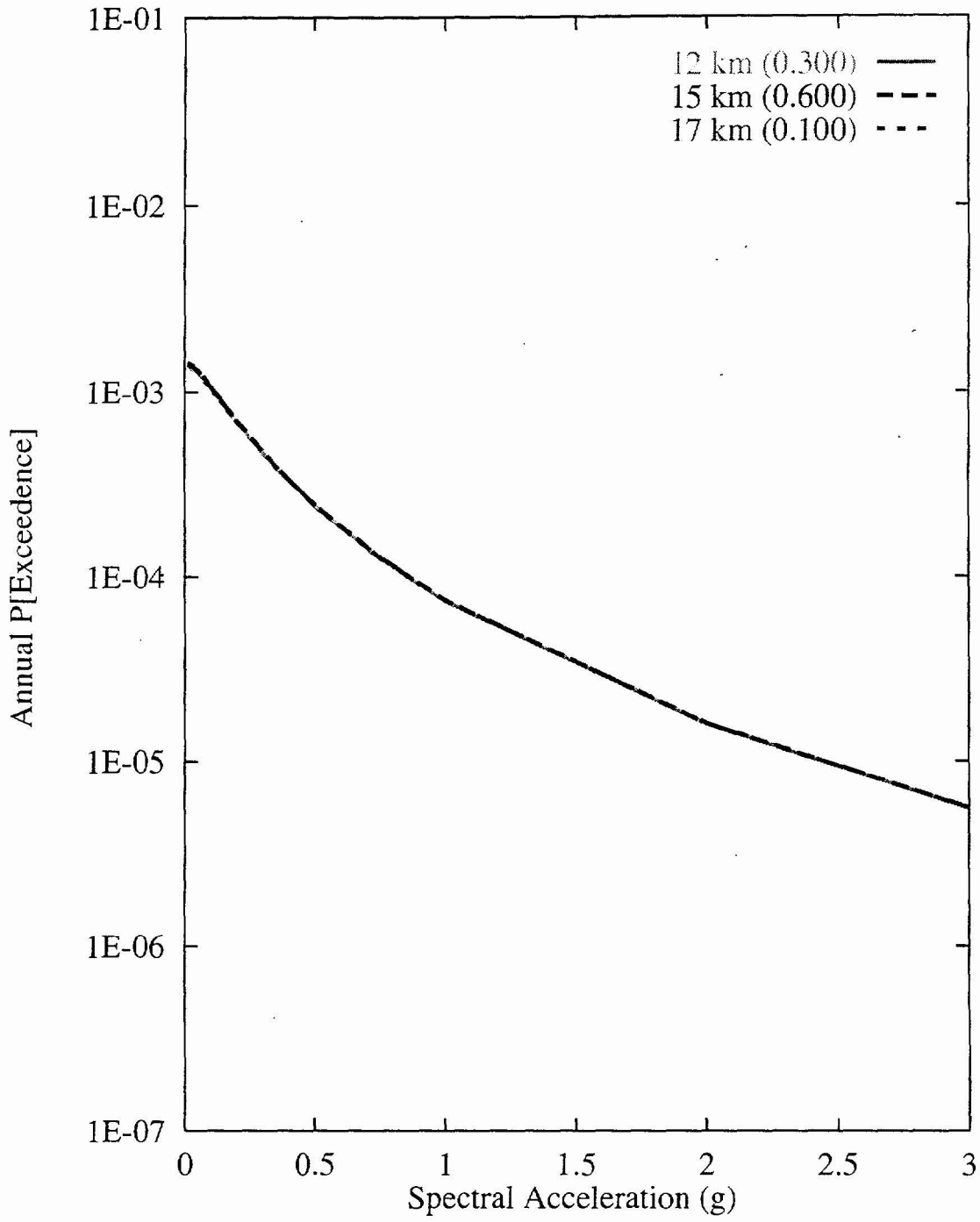


Figure 7-141 Sensitivity of seismic hazard from local faults to maximum fault depth: SBK team, 10-Hz horizontal spectral acceleration

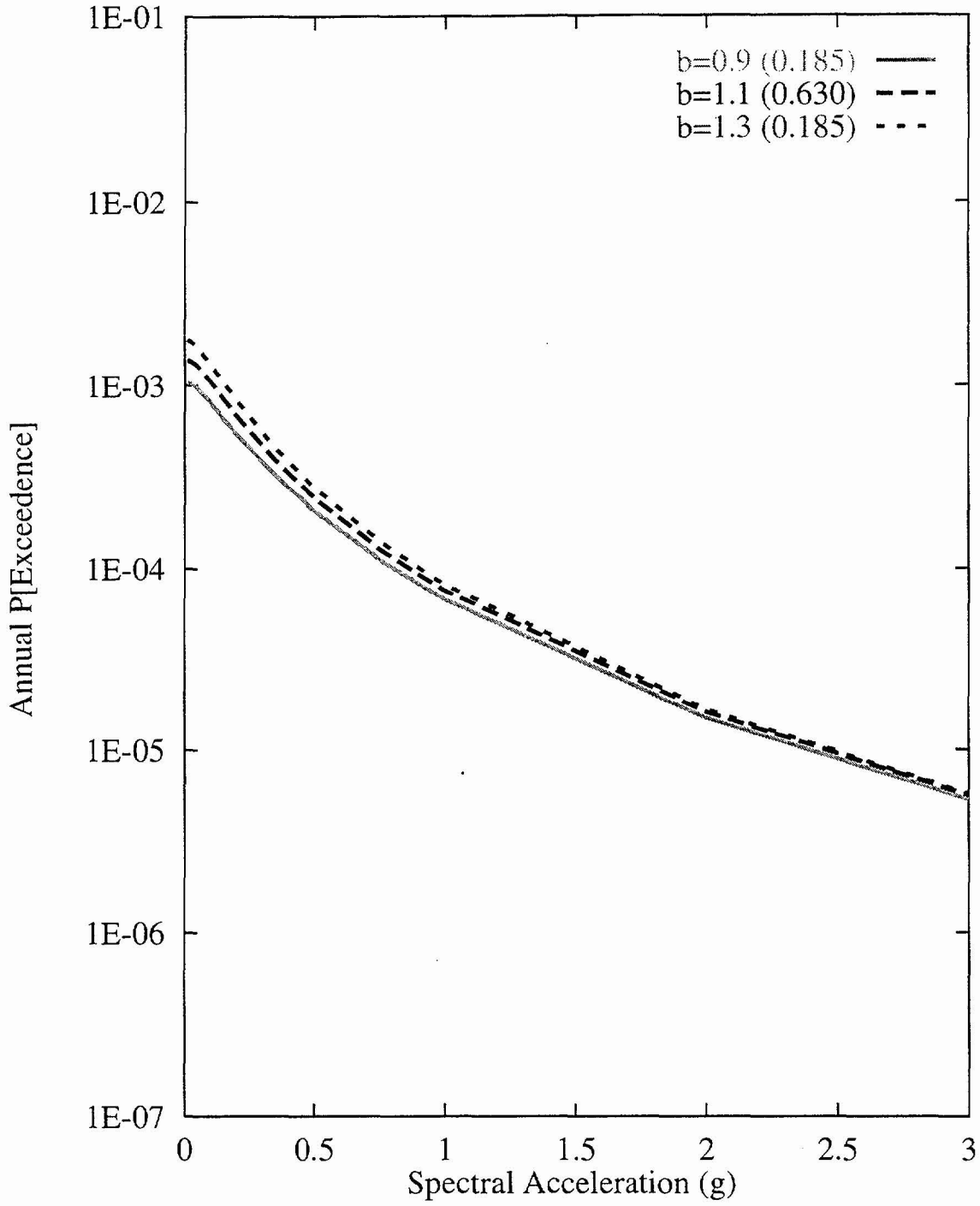


Figure 7-142 Sensitivity of seismic hazard from local faults to b-value: SBK team, 10-Hz horizontal spectral acceleration

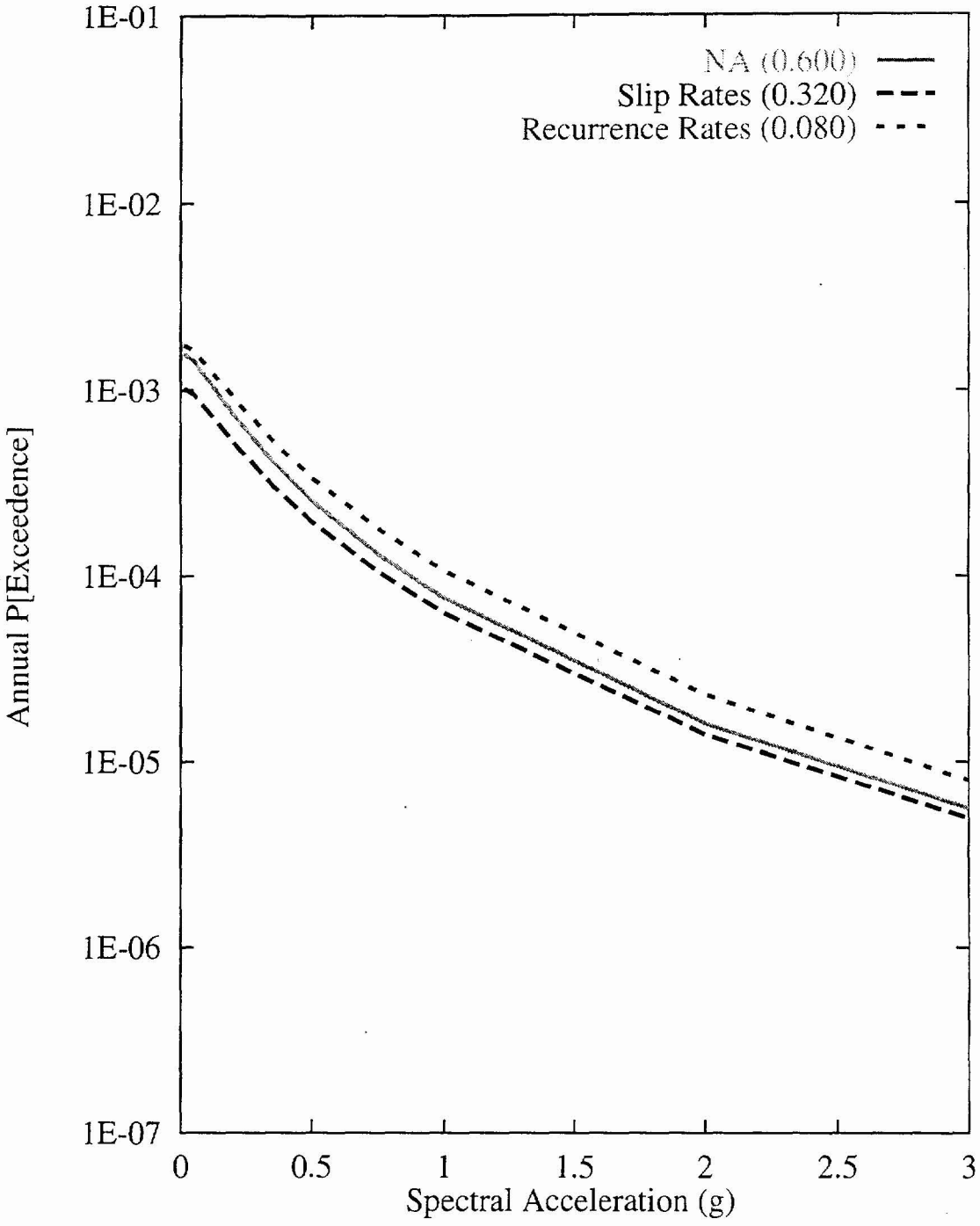


Figure 7-143 Sensitivity of seismic hazard from local faults to recurrence approach for the Paintbrush Canyon-Stagecoach Road fault system: SBK team, 10-Hz horizontal spectral acceleration

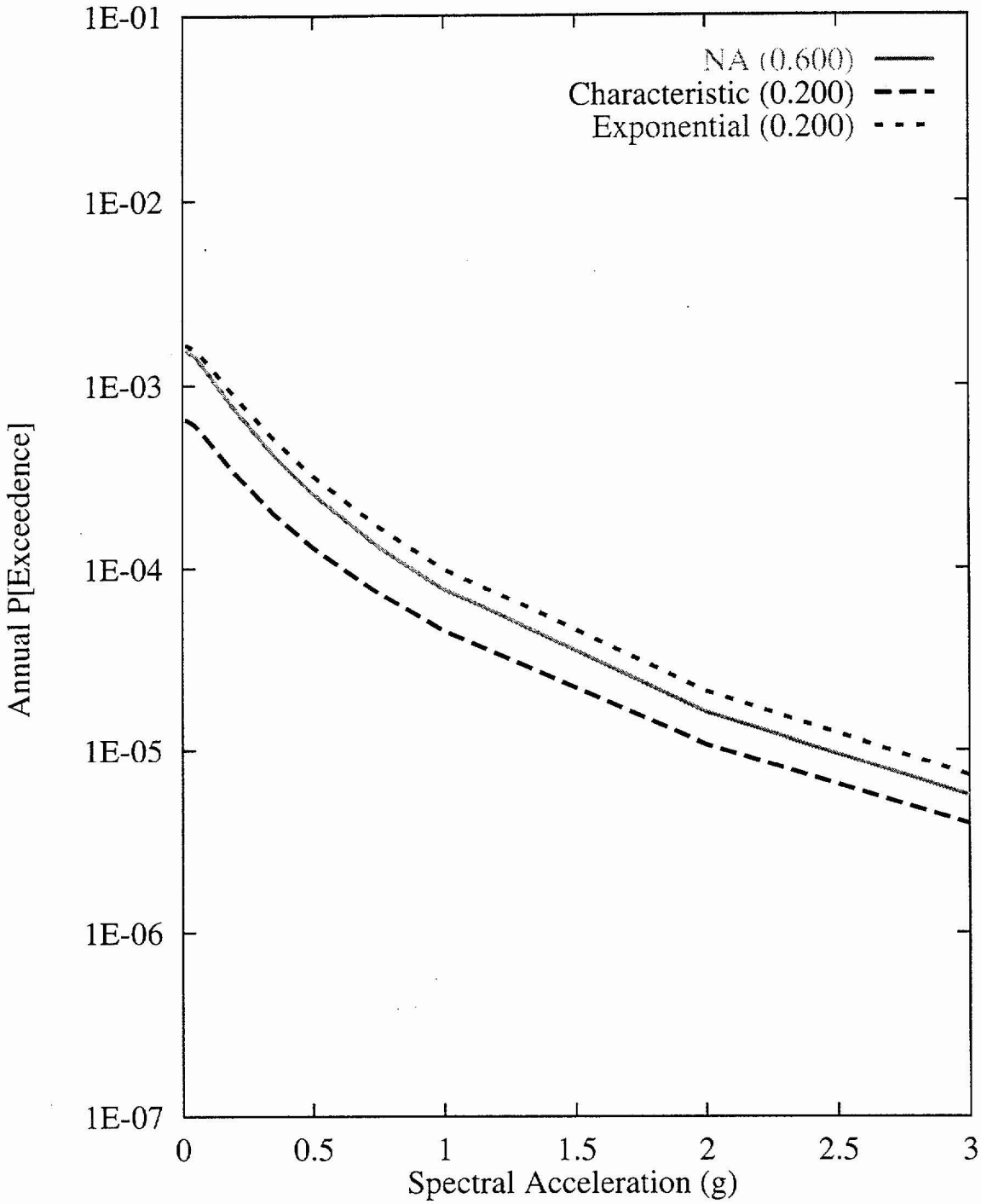


Figure 7-144 Sensitivity of seismic hazard from local faults to recurrence model for the Paintbrush Canyon-Stagecoach Road fault system: SBK team, 10-Hz horizontal spectral acceleration

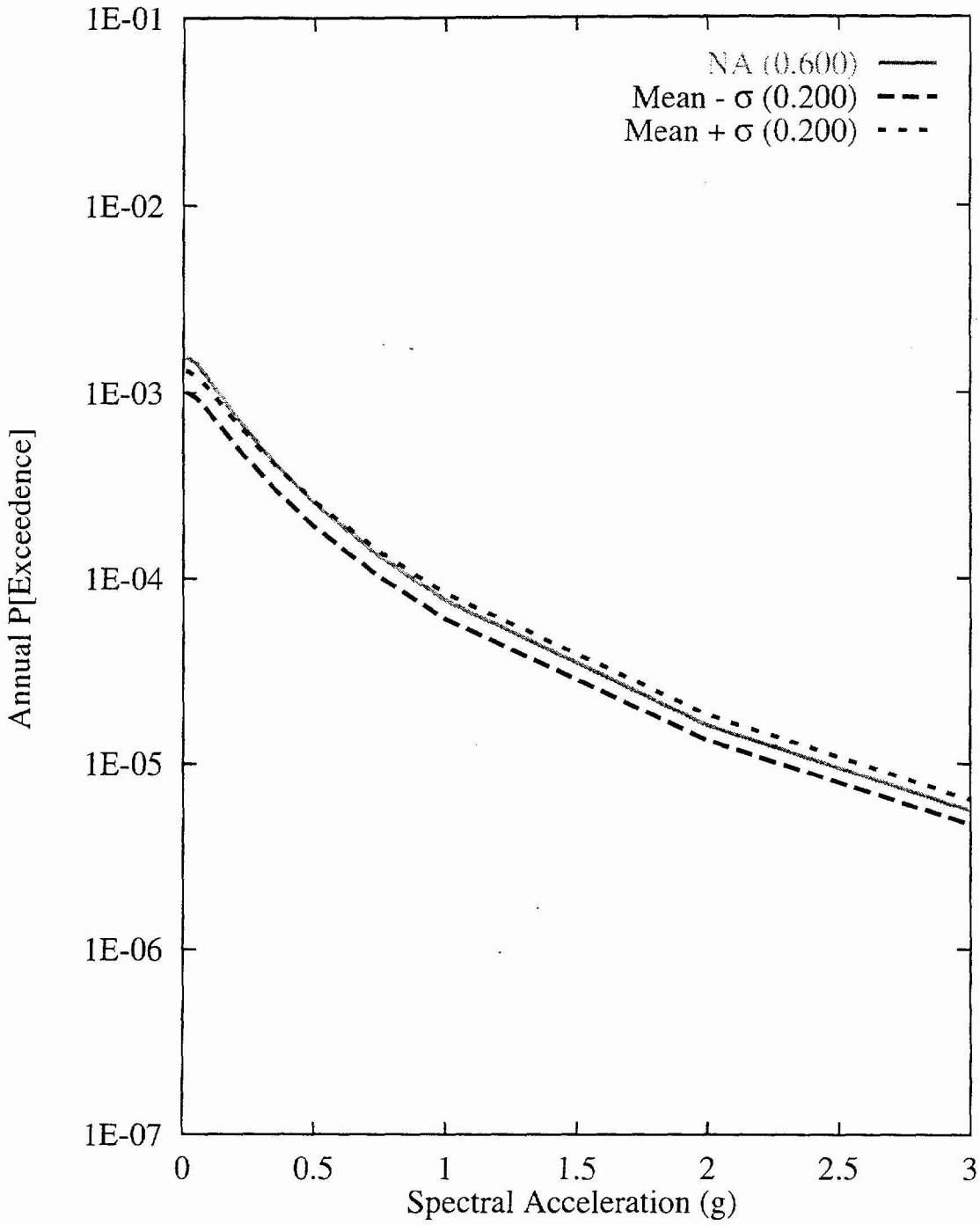


Figure 7-145 Sensitivity of seismic hazard from local faults to Mmax on the Paintbrush Canyon-Stagecoach Road fault system: SBK team, 10-Hz horizontal spectral acceleration

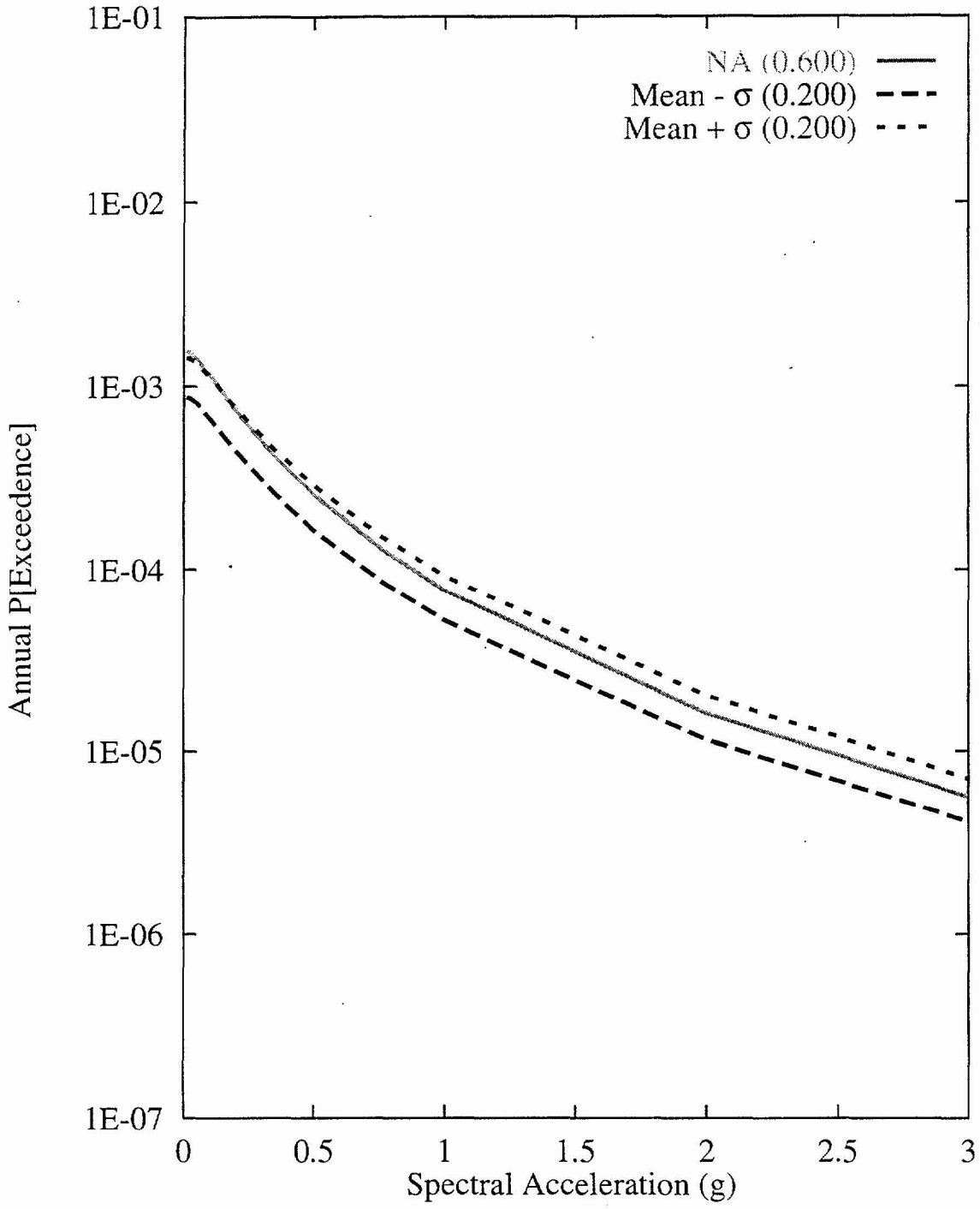


Figure 7-146 Sensitivity of seismic hazard from local faults to recurrence of the Paintbrush Canyon-Stagecoach Road fault system: SBK team, 10-Hz horizontal spectral acceleration

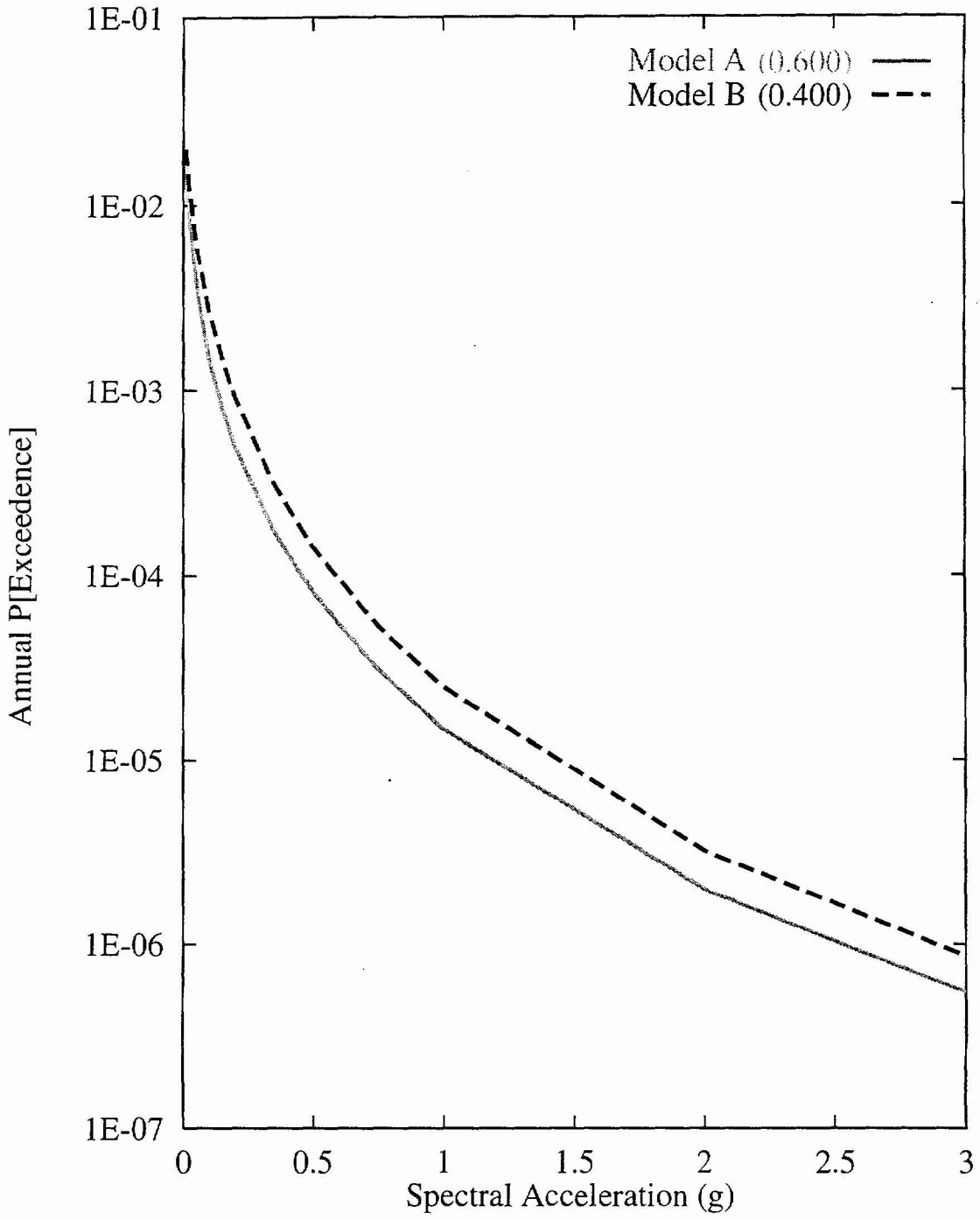


Figure 7-147. Sensitivity of seismic hazard from area zones to zonation: SBK team, 10-Hz horizontal spectral acceleration

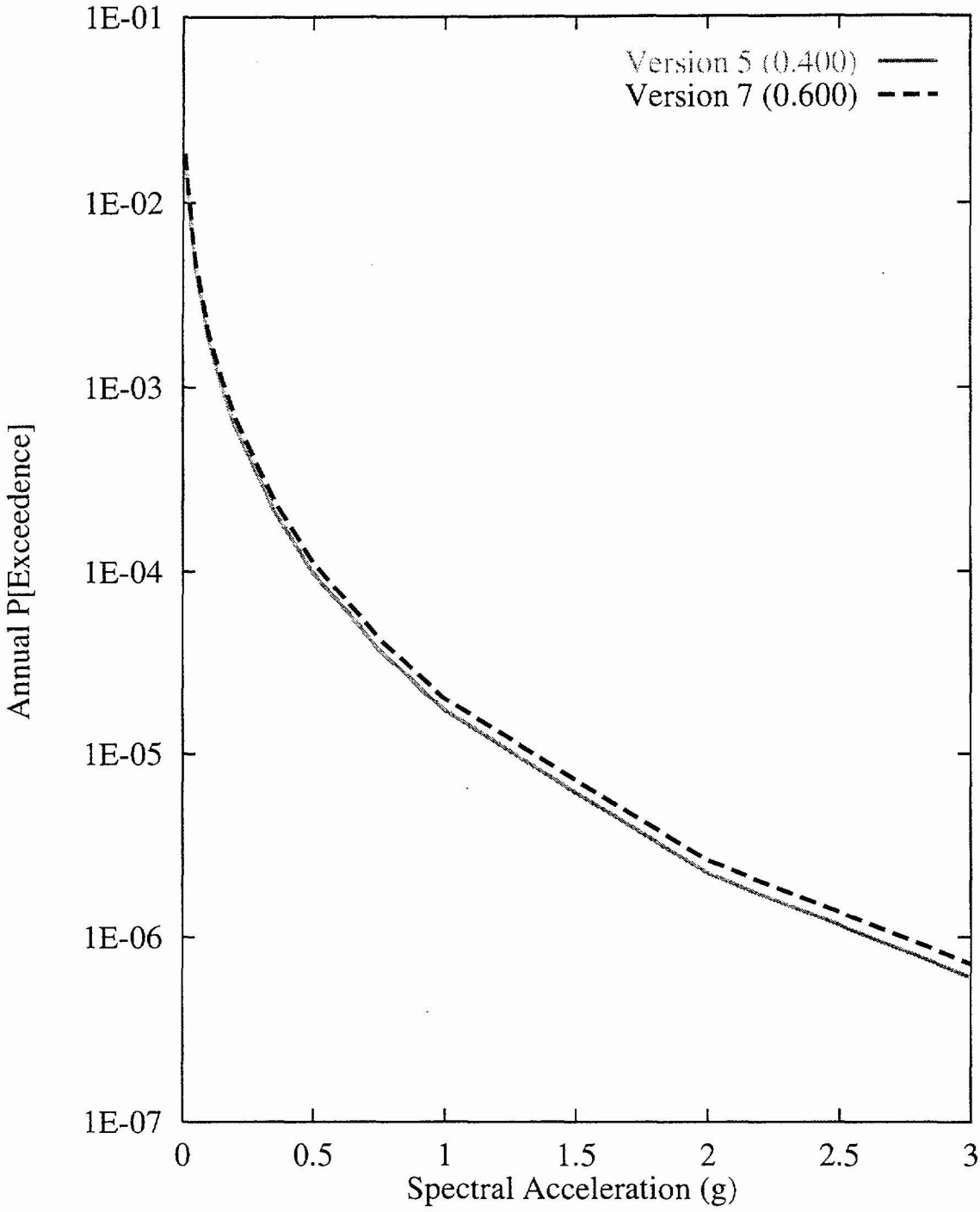


Figure 7-148 Sensitivity of seismic hazard from area zones to choice of seismicity catalog for the Basin and Range zone: SBK team, 10-Hz horizontal spectral acceleration

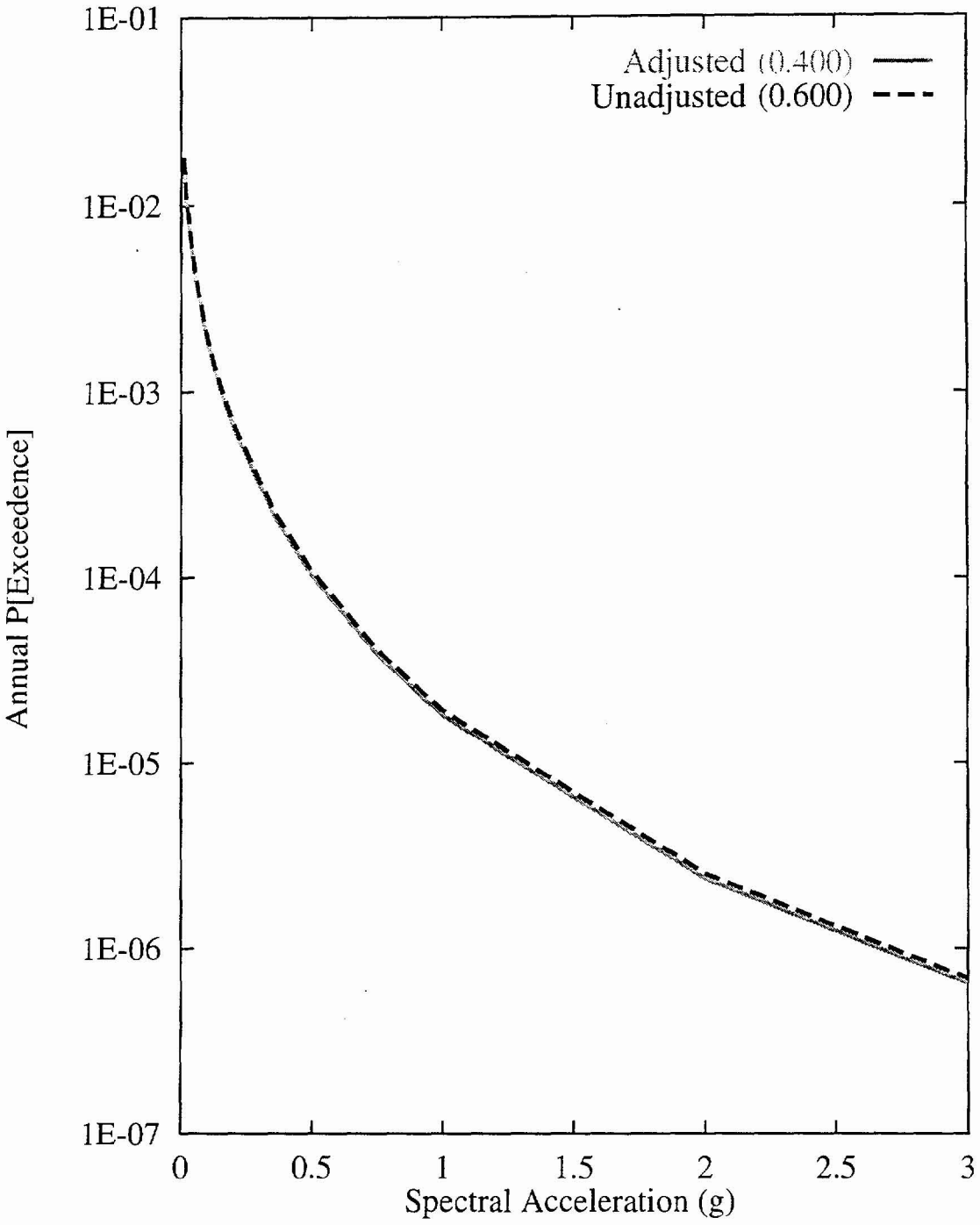


Figure 7-149 Sensitivity of seismic hazard from area zones to adjustment for NTS events: SBK team, 10-Hz horizontal spectral acceleration

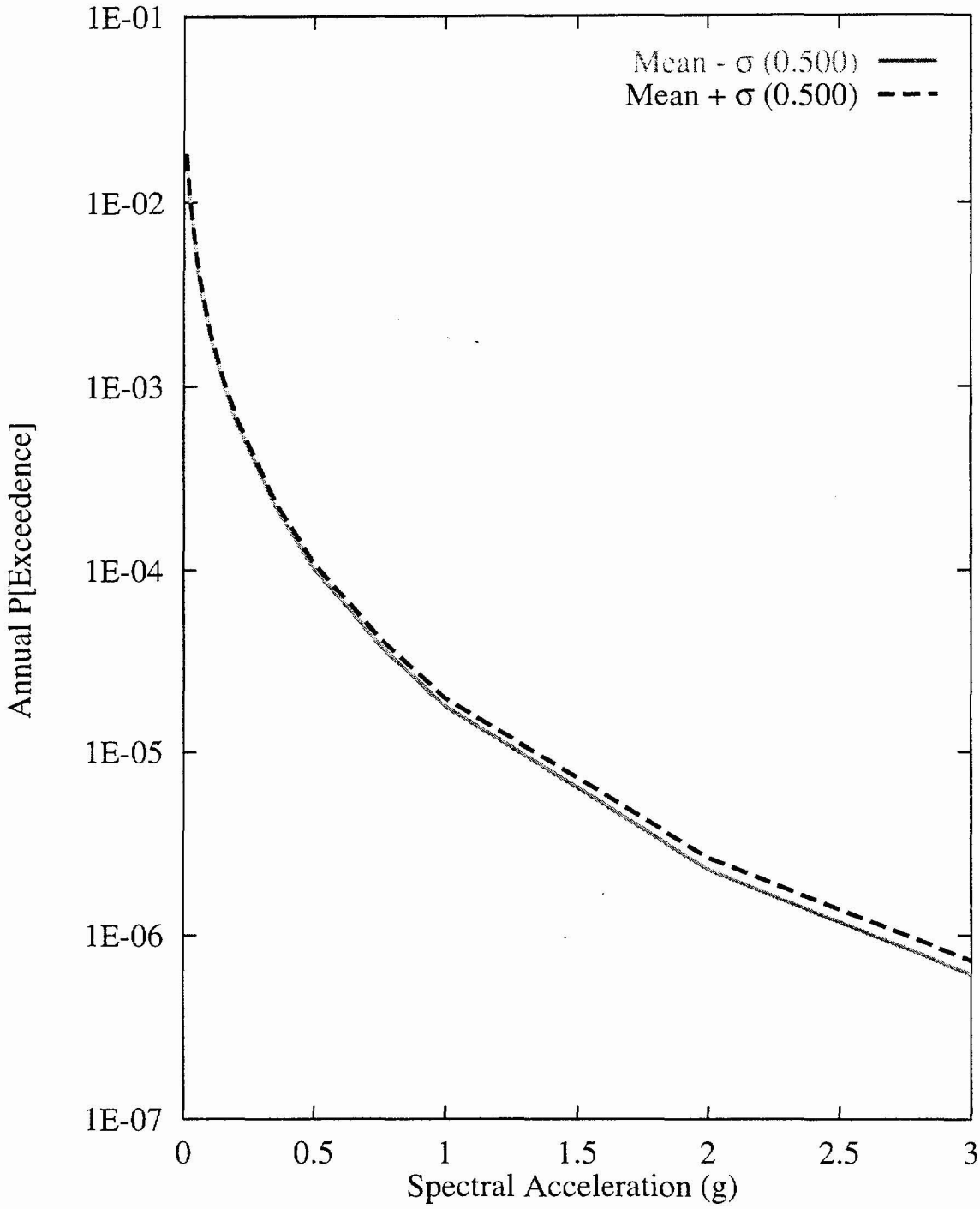


Figure 7-150 Sensitivity of seismic hazard from area zones to M_{max} of the Basin and Range zone: SBK team, 10-Hz horizontal spectral acceleration

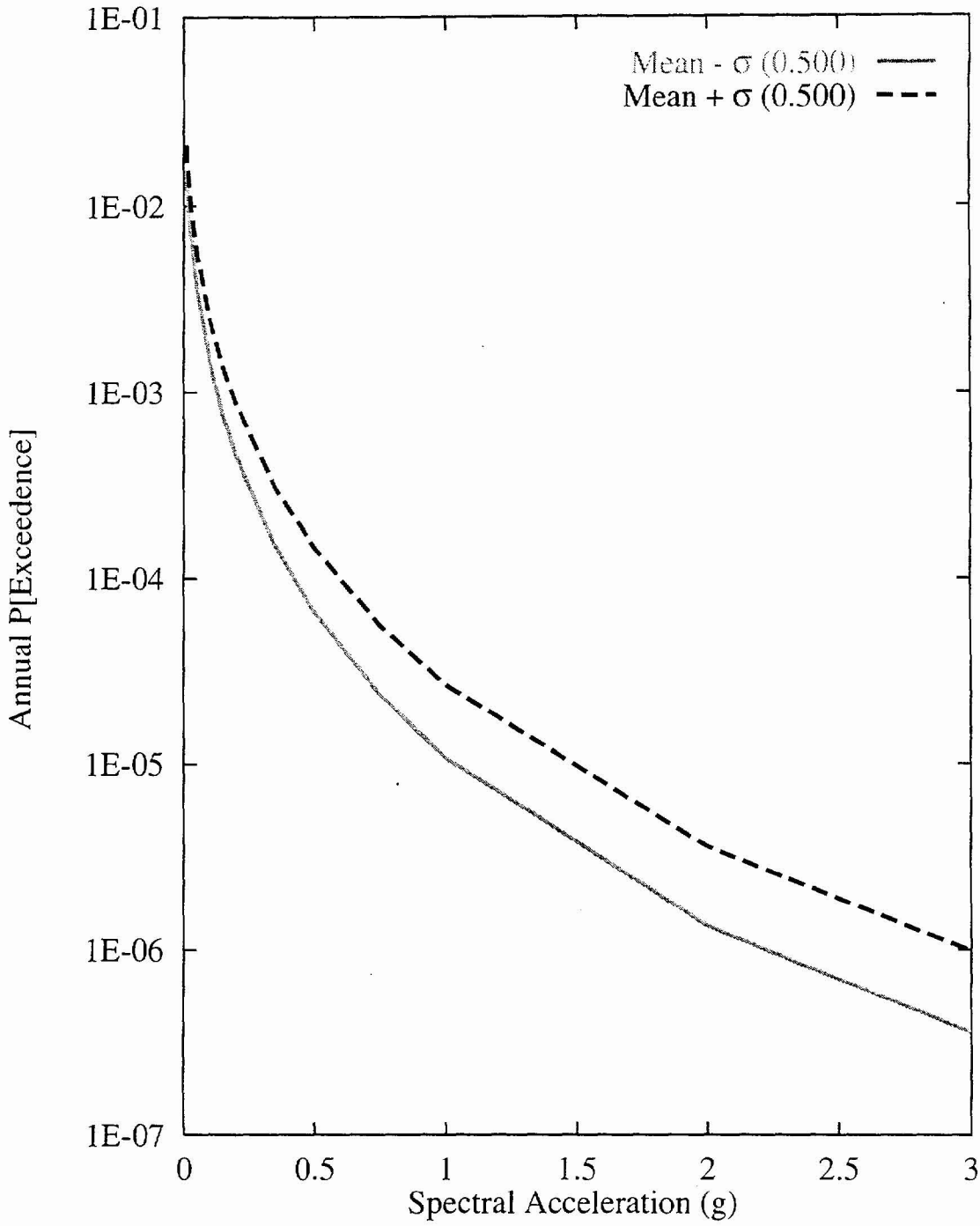


Figure 7-151 Sensitivity of seismic hazard from area zones to recurrence of the Basin and Range zone: SBK team, 10-Hz horizontal spectral acceleration

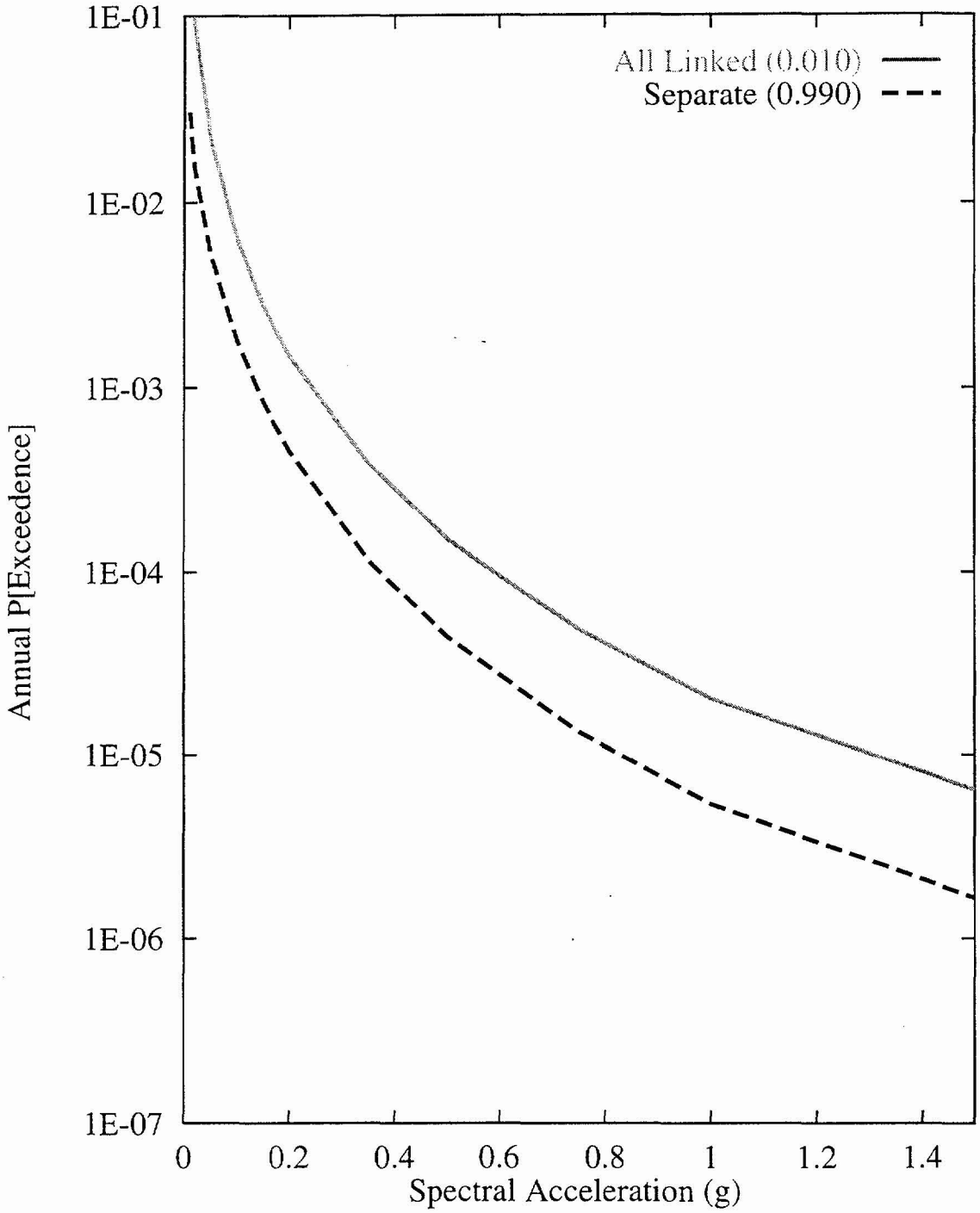


Figure 7-152 Sensitivity of seismic hazard from regional faults to rupture behavior of the Death Valley-Furnace Creek-Fish Lake Valley fault system: SBK team, 1-Hz horizontal spectral acceleration

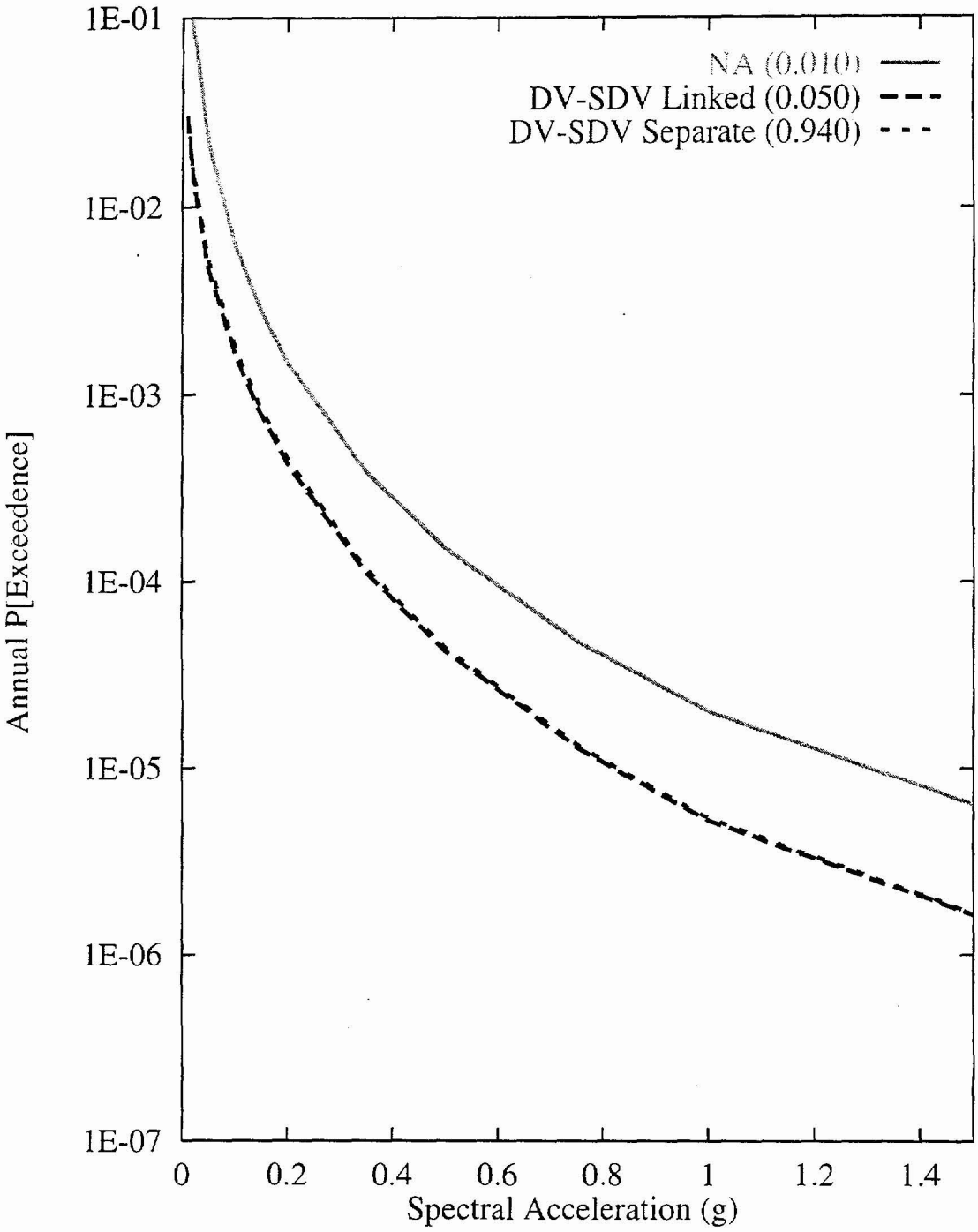


Figure 7-153 Sensitivity of seismic hazard from regional faults to rupture behavior of the Death Valley-southern Death Valley fault system: SBK team, 1-Hz horizontal spectral acceleration

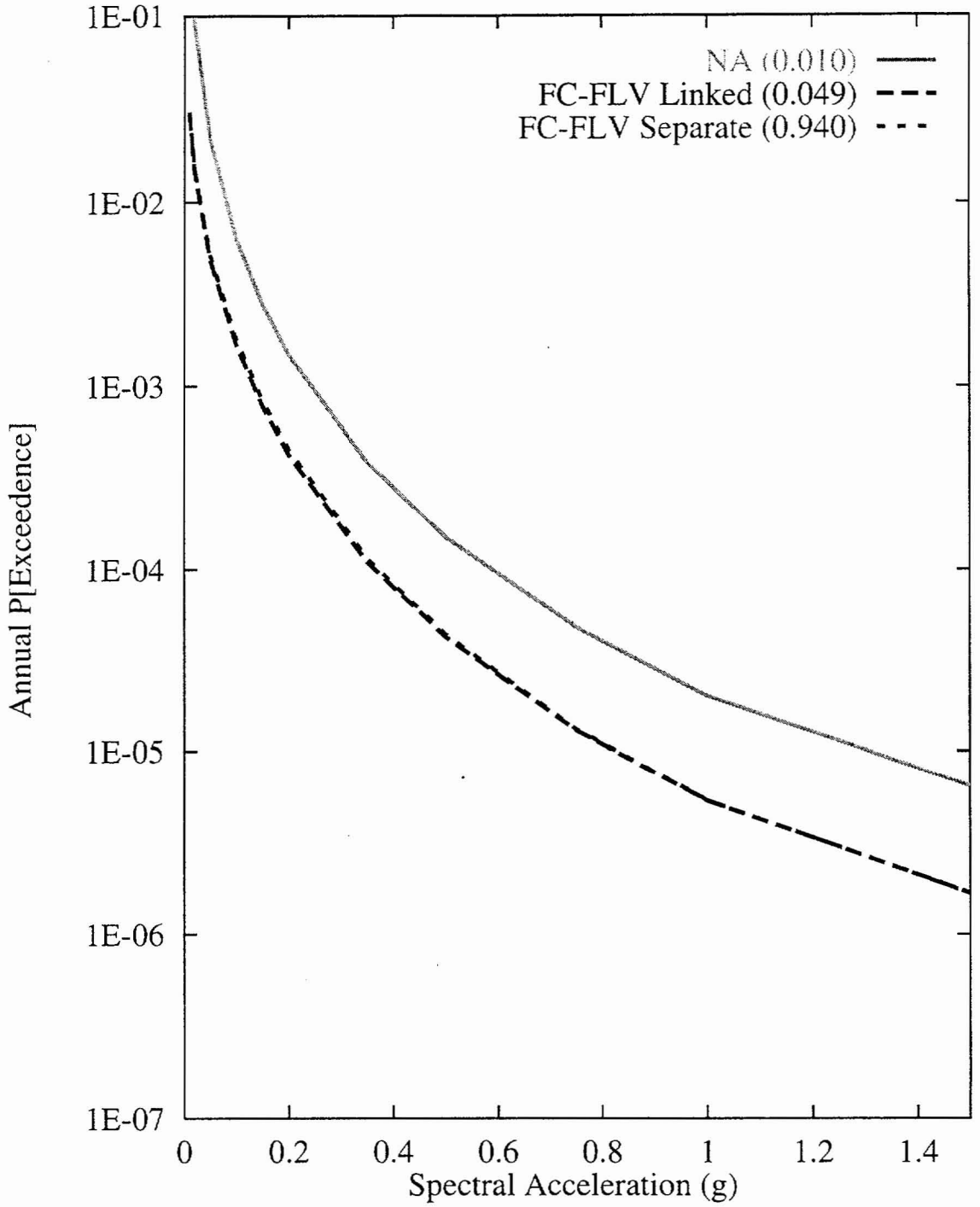


Figure 7-154 Sensitivity of seismic hazard from regional faults to rupture behavior of the Furnace Creek-Fish Lake Valley fault system: SBK team, 1-Hz horizontal spectral acceleration

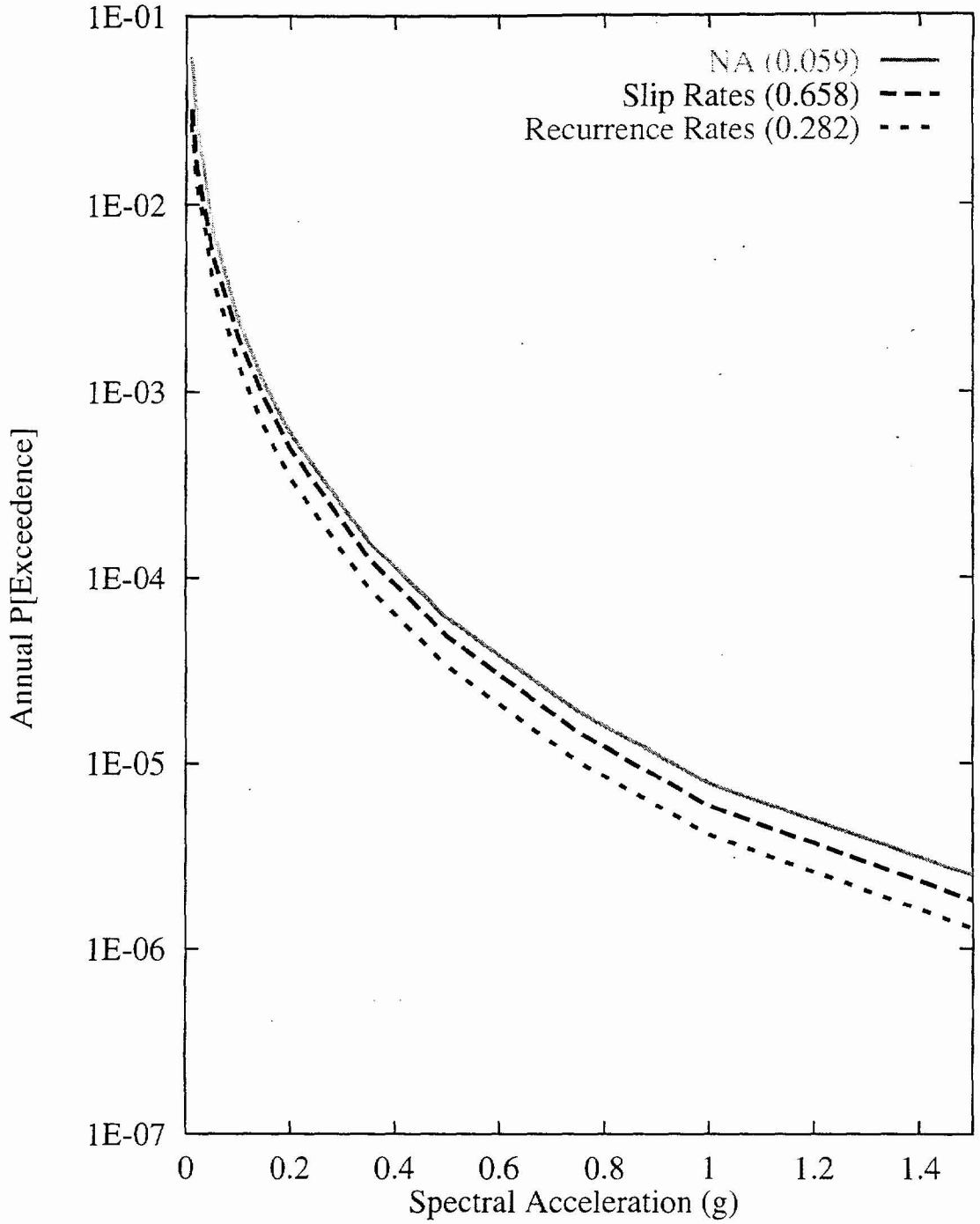


Figure 7-155 Sensitivity of seismic hazard from regional faults to recurrence of the Furnace Creek fault: SBK team, 1-Hz horizontal spectral acceleration

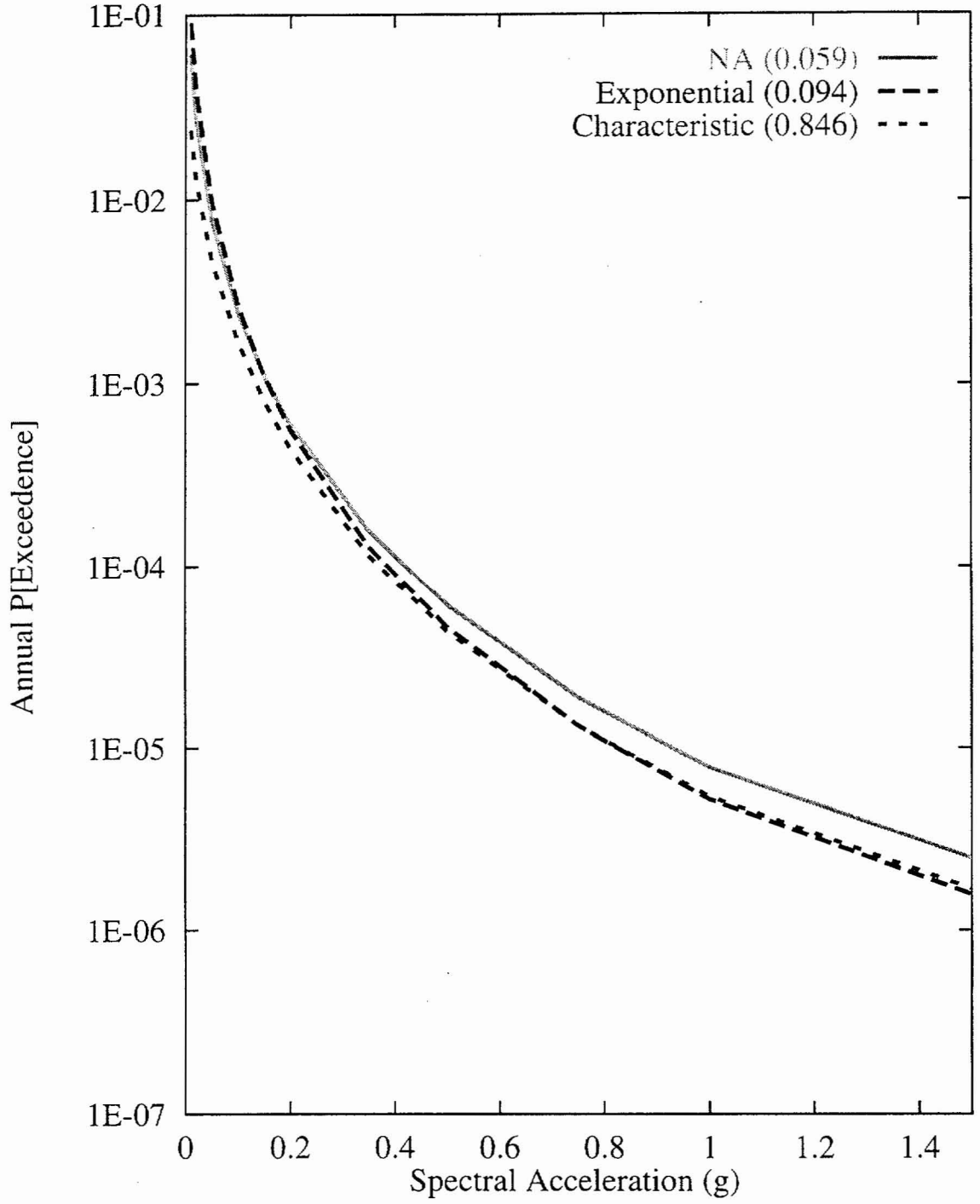


Figure 7-156 Sensitivity of seismic hazard from regional faults to recurrence model of the Furnace Creek fault: SBK team, 1-Hz horizontal spectral acceleration

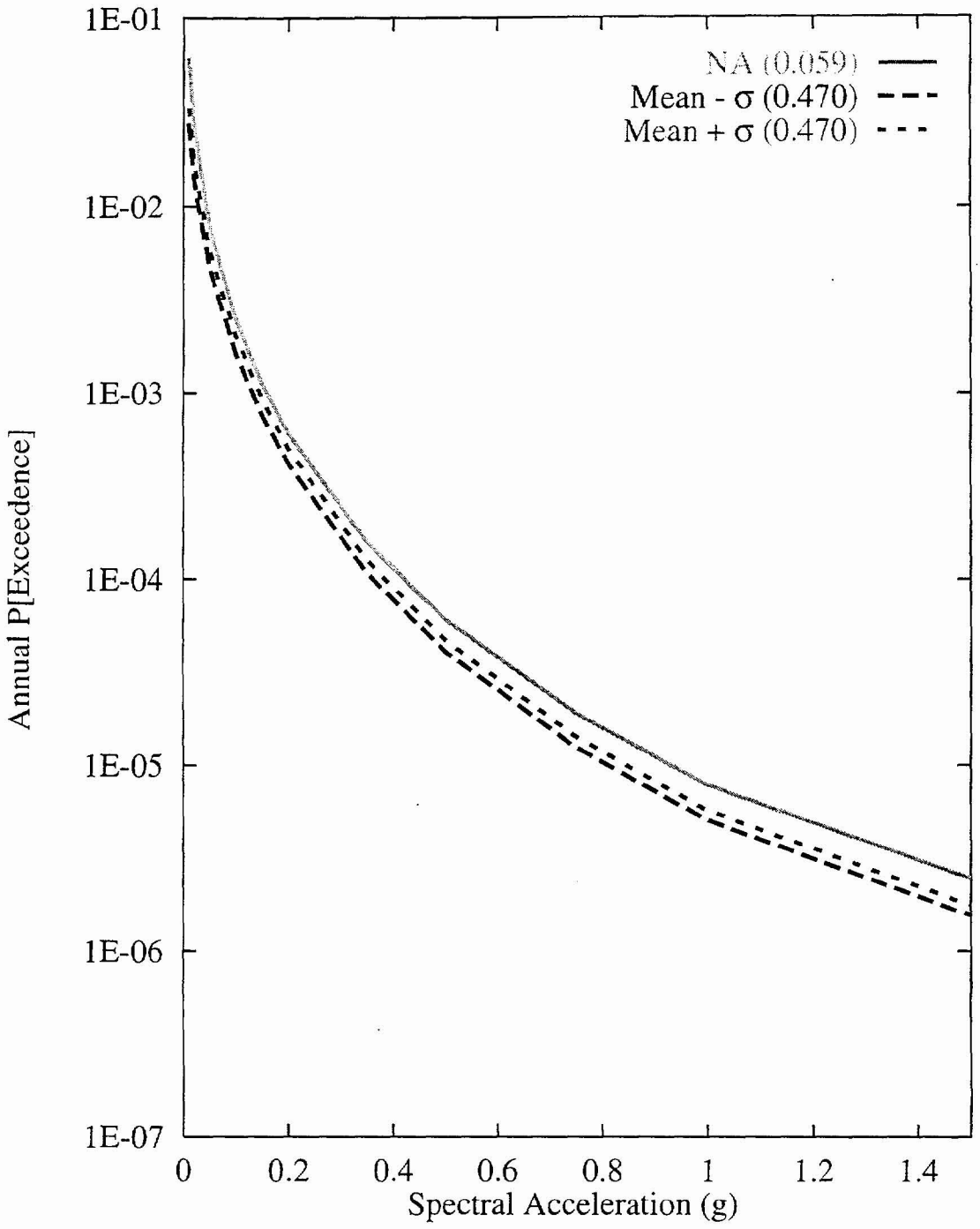


Figure 7-157 Sensitivity of seismic hazard from regional faults to M_{max} on the Furnace Creek fault: SBK team, 1-Hz horizontal spectral acceleration

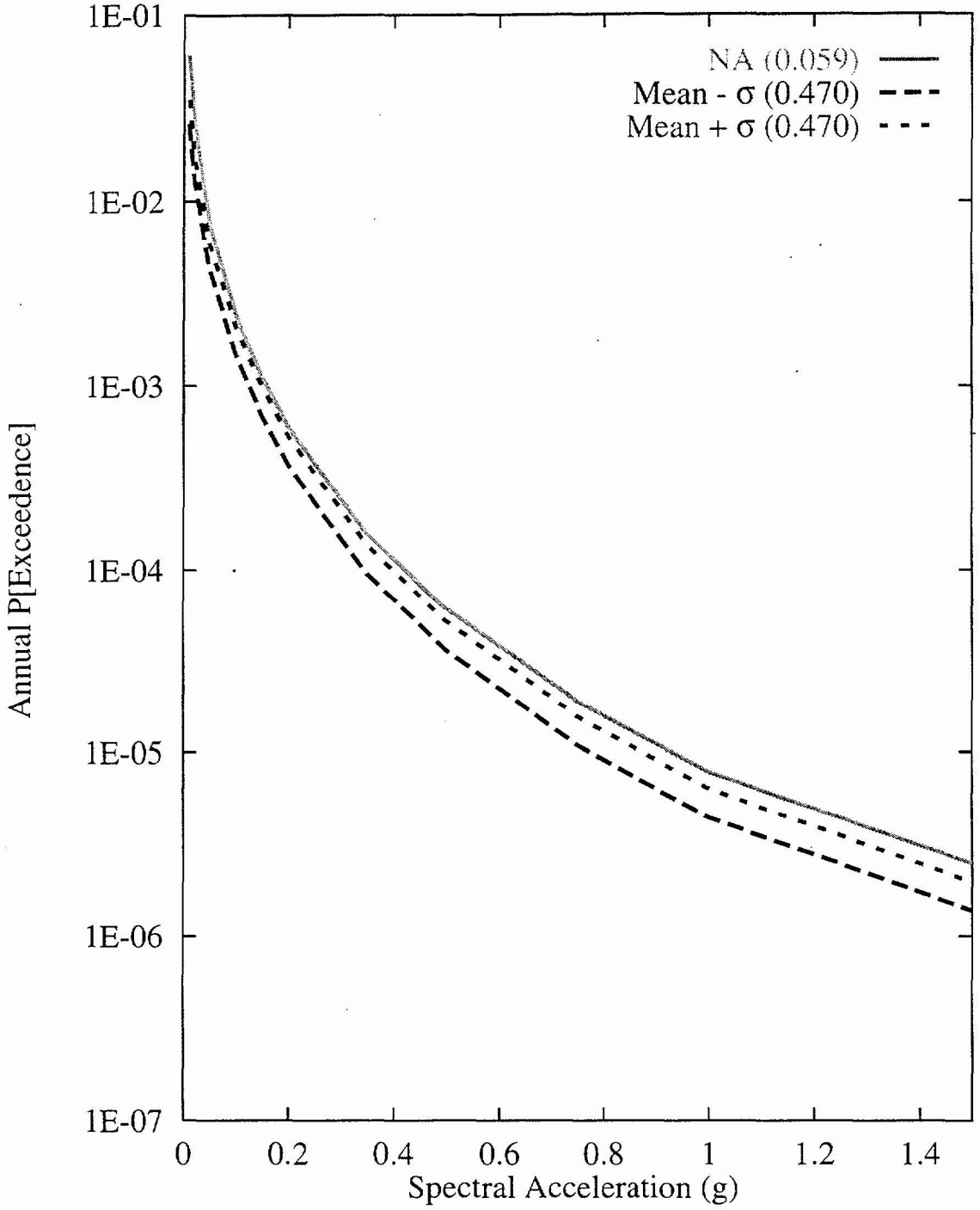


Figure 7-158 Sensitivity of seismic hazard from regional faults to recurrence of the Furnace Creek fault: SBK team, 1-Hz horizontal spectral acceleration

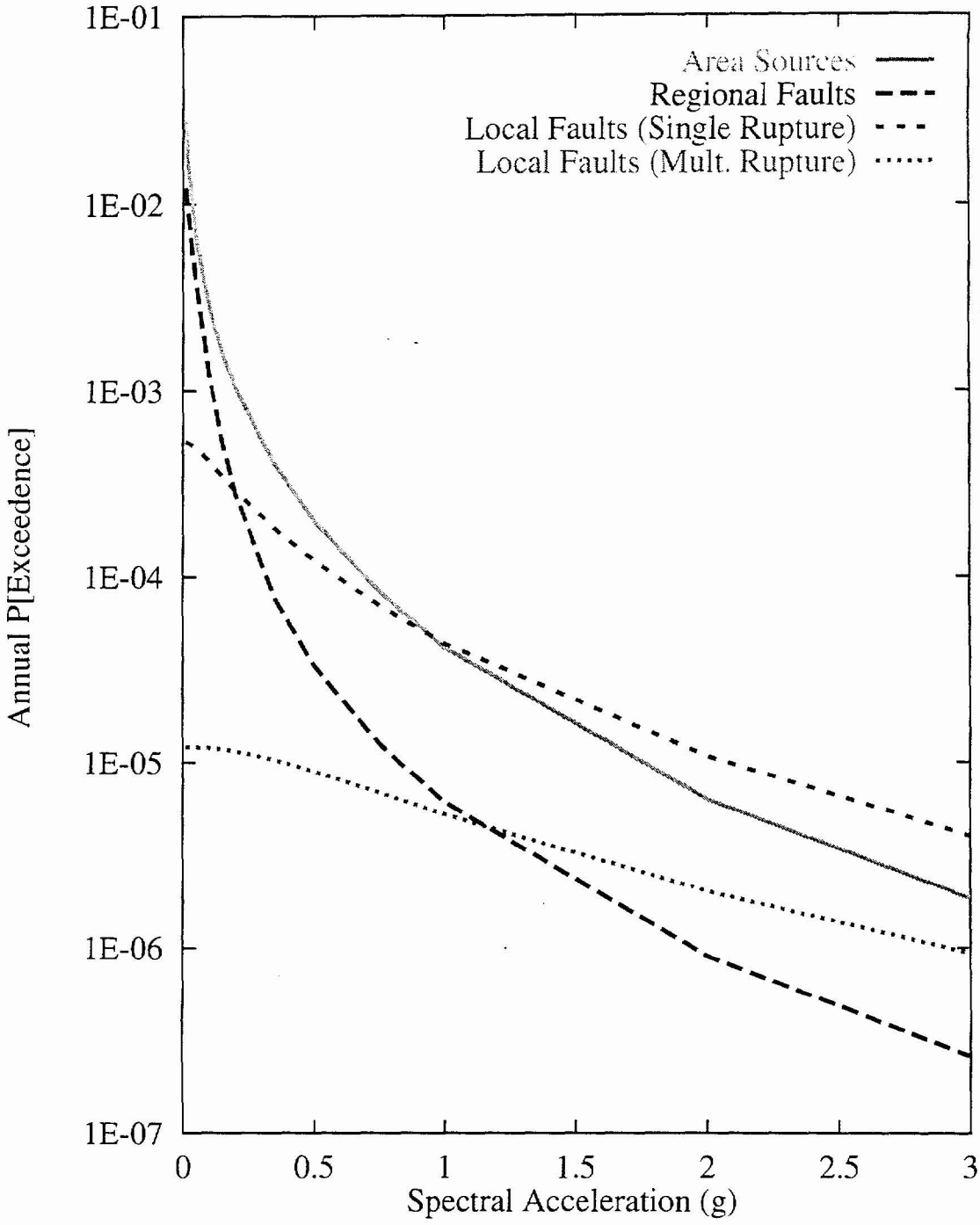


Figure 7-159 Contributions of source types to the mean hazard: SDO team, 10-Hz horizontal spectral acceleration

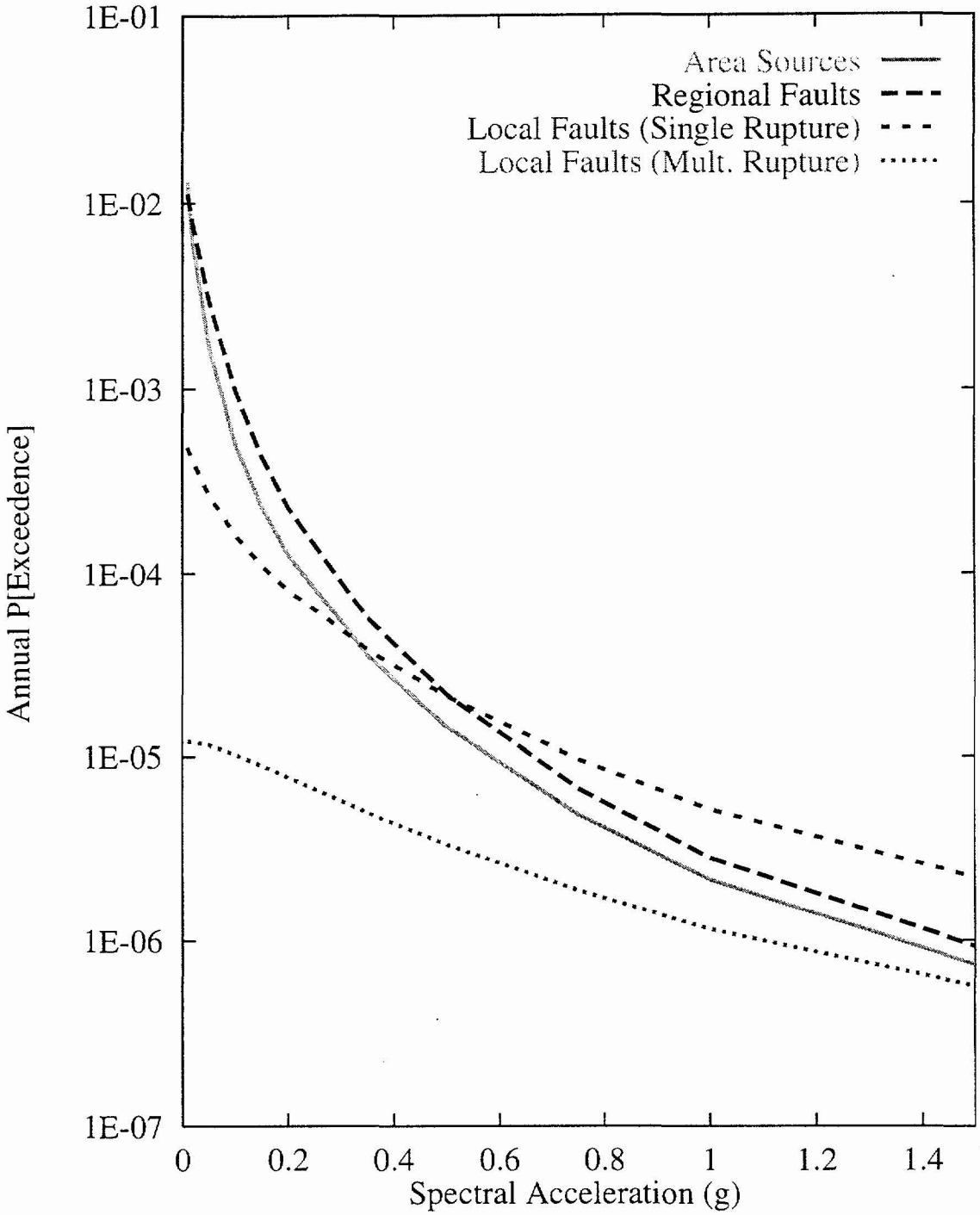


Figure 7-160 Contributions of source types to the mean hazard: SDO team, 1-Hz horizontal spectral acceleration

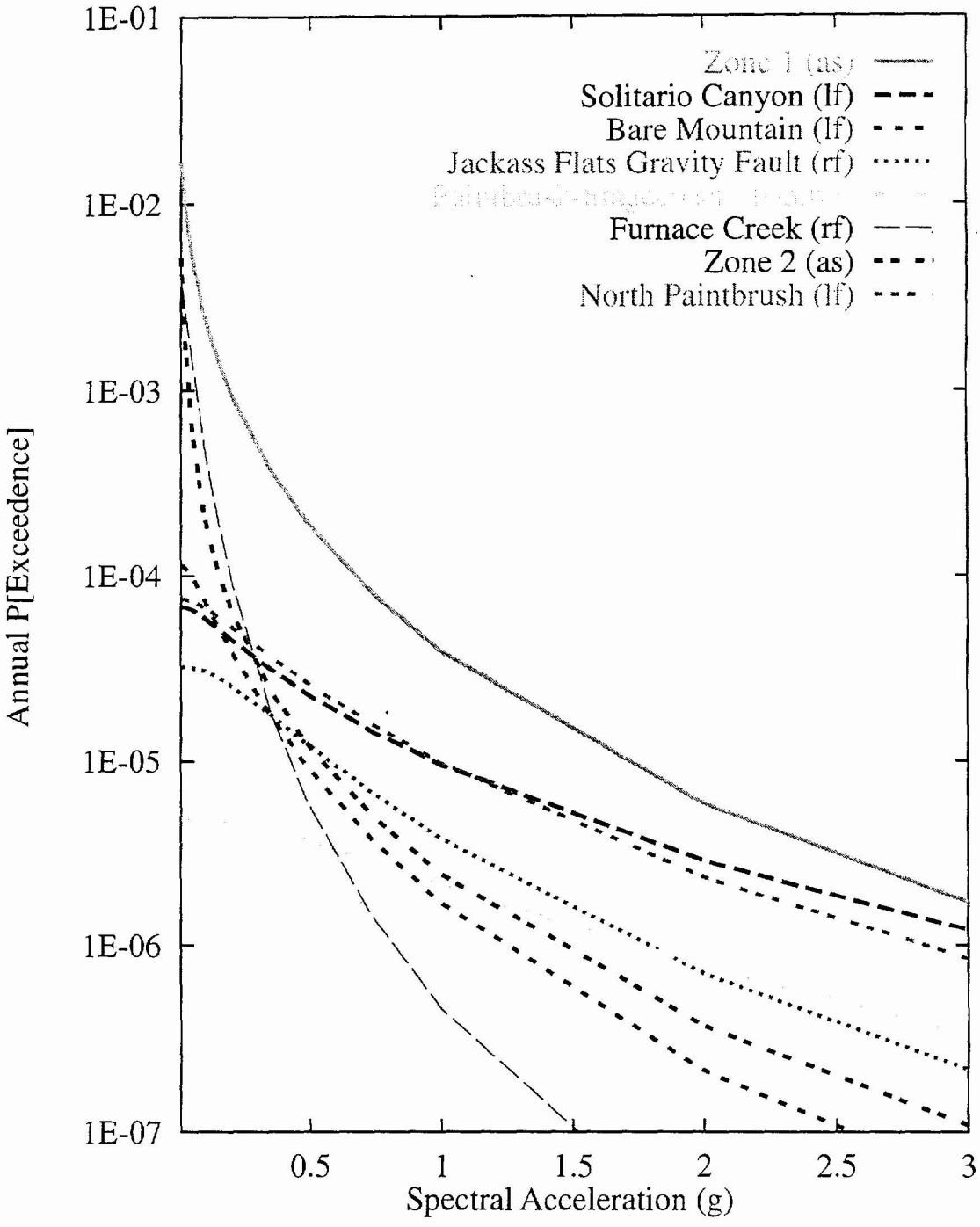


Figure 7-161 Mean seismic hazard from dominant seismic sources: SDO team, 10-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; lf-local fault; rf-regional fault; and mult-multiple fault.

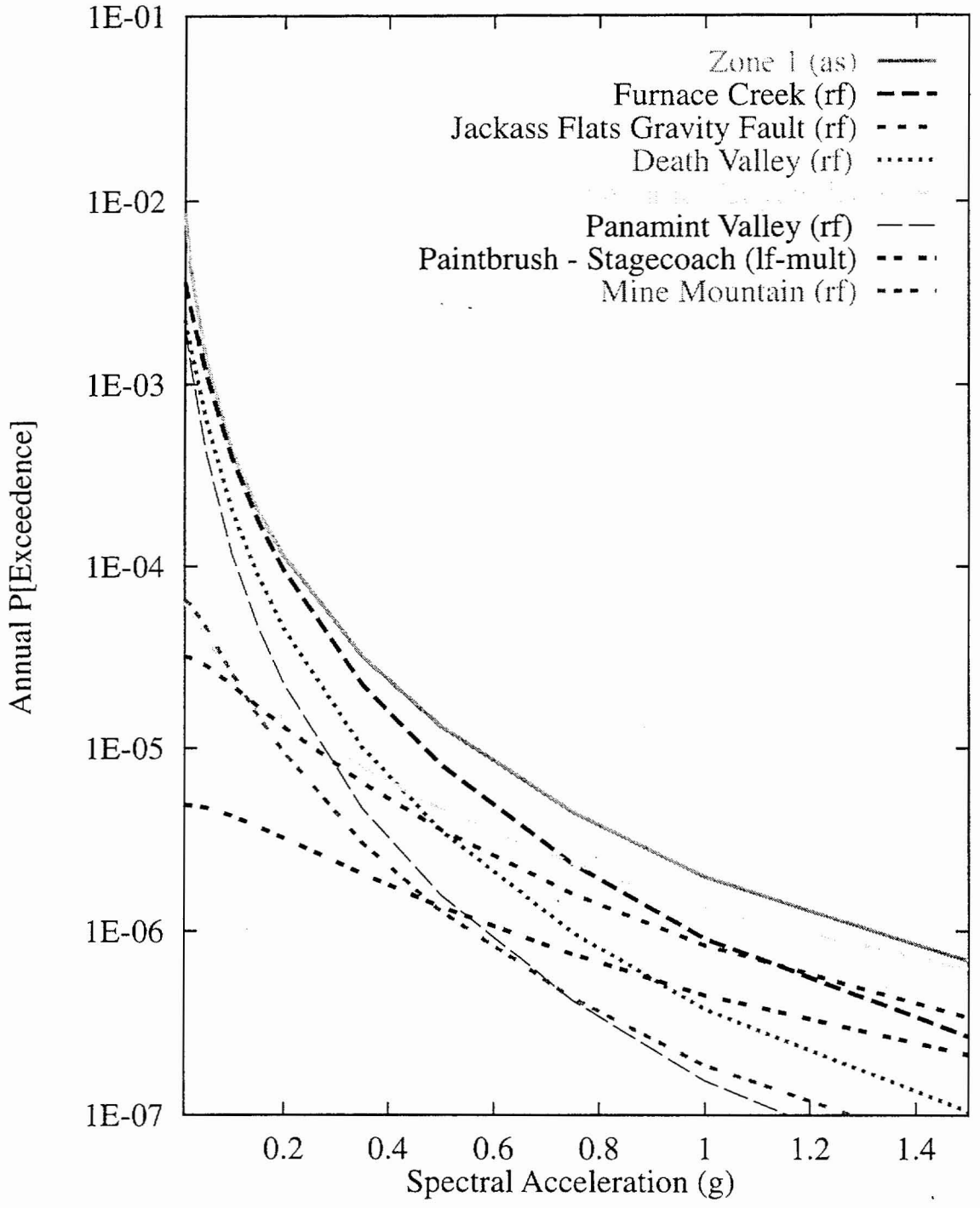
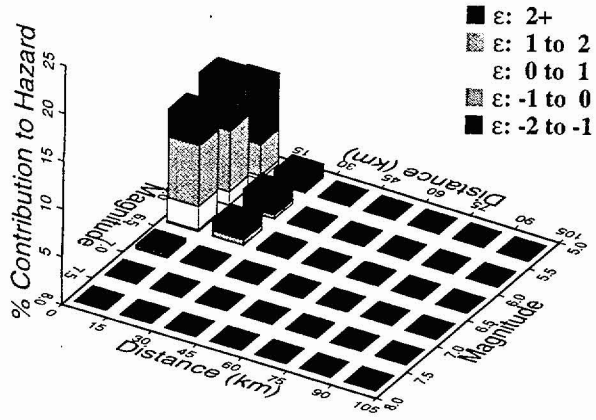
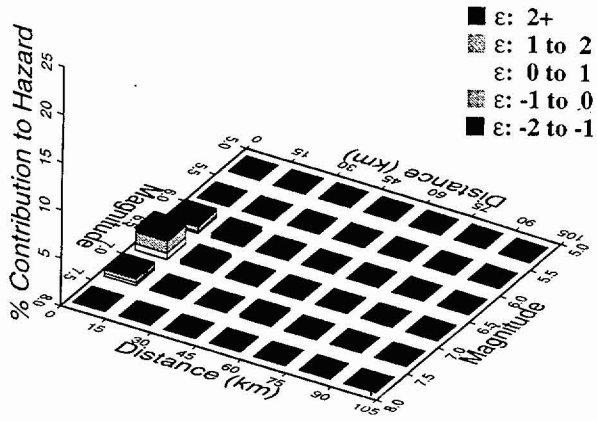


Figure 7-162 Mean seismic hazard from dominant seismic sources: SDO team, 1-Hz horizontal spectral acceleration. Acronyms in parentheses refer to source types: as-area source zone; rf-regional fault; lf-local fault; and mult-multiple fault.

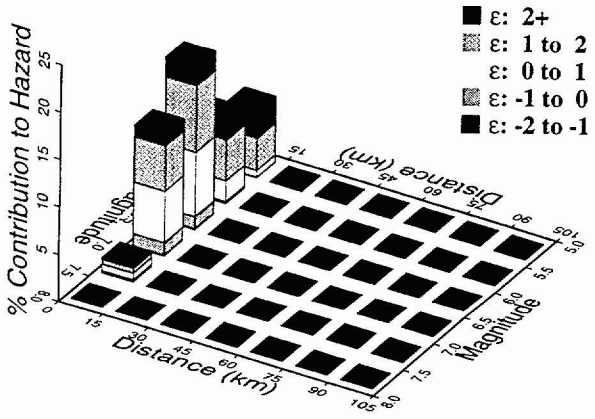
10 Hz, SDO Area Sources



10 Hz, SDO Regional Faults



10 Hz, SDO Local Faults (Single)



10 Hz, SDO Local Faults (Mult.)

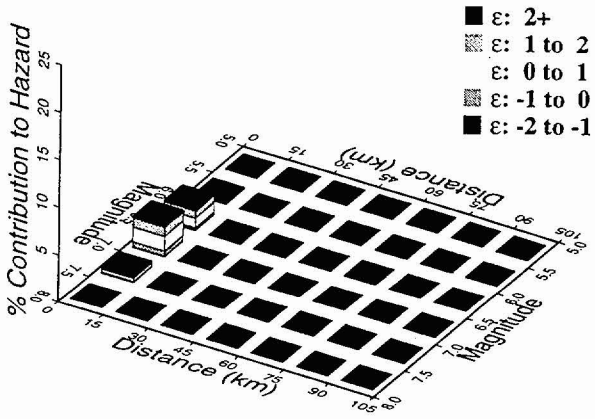
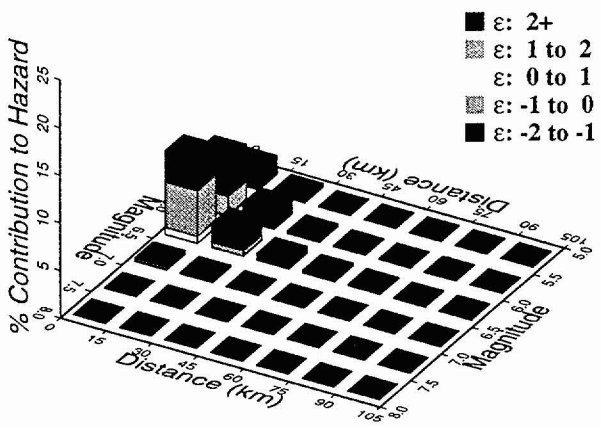
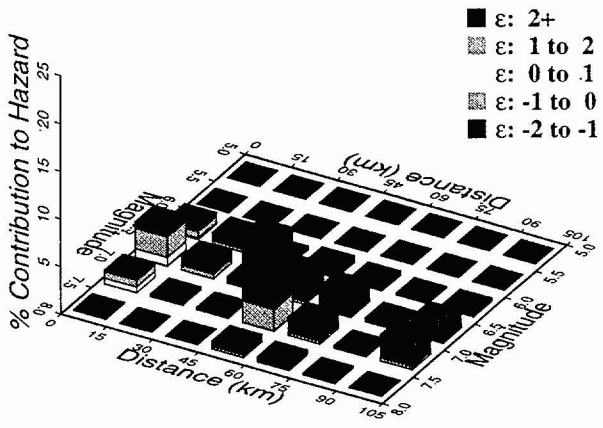


Figure 7-163 Magnitude-distance-epsilon distributions for the four source types: SDO team, 10-Hz horizontal spectral acceleration

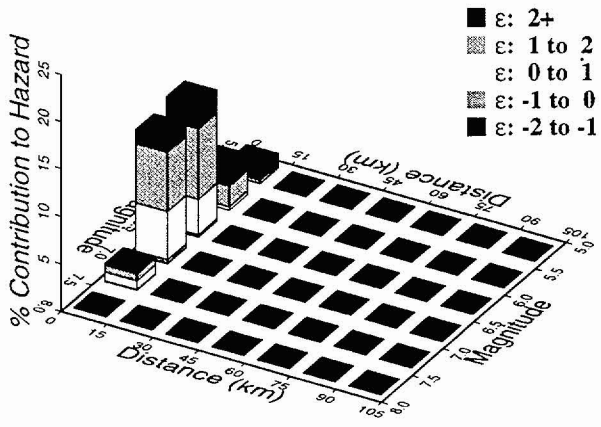
1 Hz, SDO Area Sources



1 Hz, SDO Regional Faults



1 Hz, SDO Local Faults (Single)



1 Hz, SDO Local Faults (Mult.)

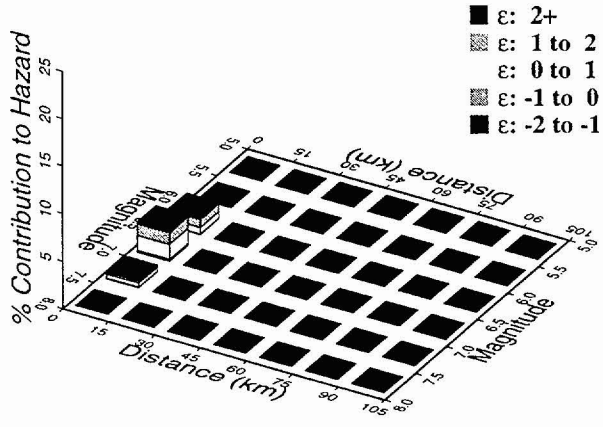


Figure 7-164 Magnitude-distance-epsilon distributions for the four source types: SDO team, 1-Hz horizontal spectral acceleration

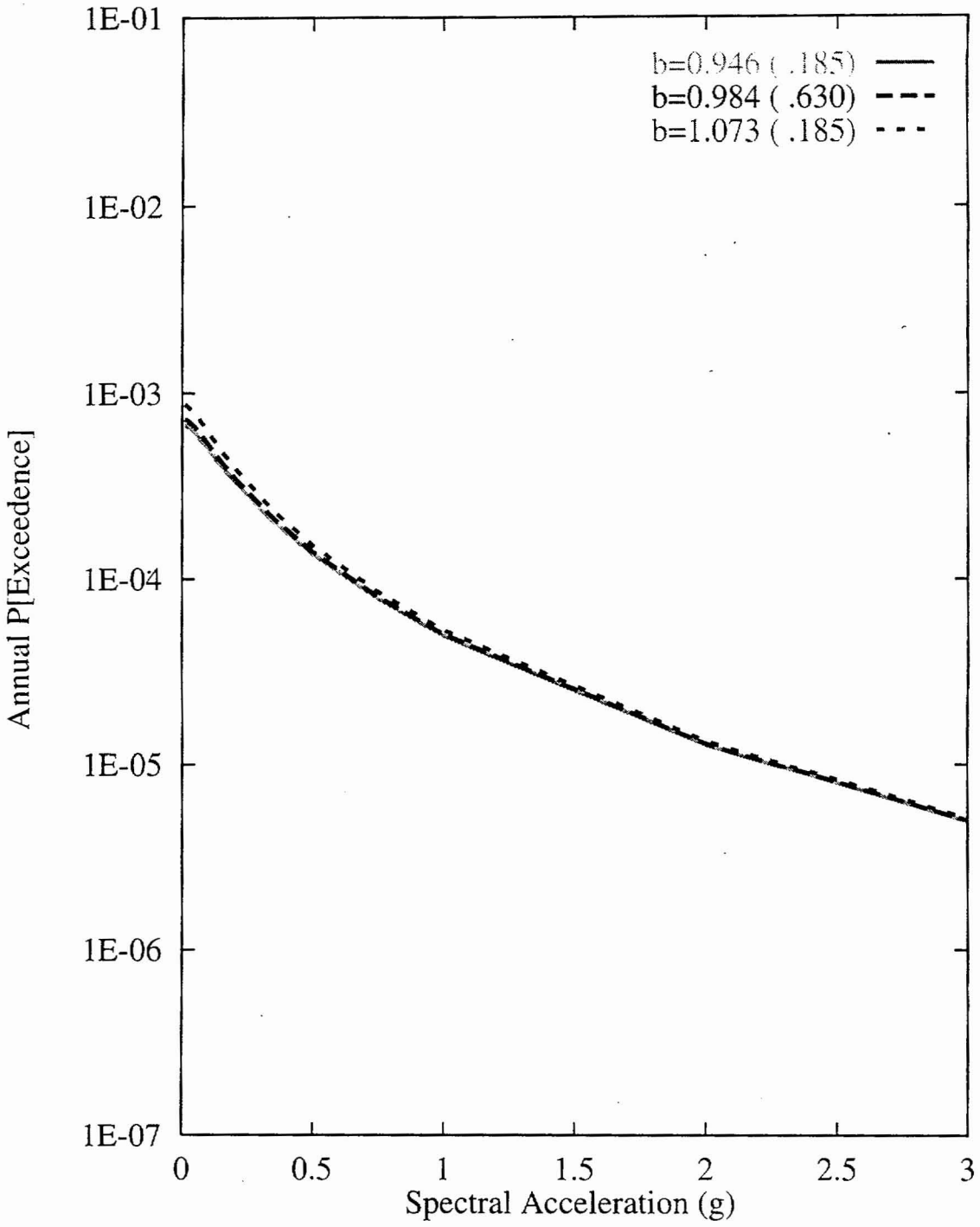


Figure 7-165 Sensitivity of seismic hazard from local faults to b-value: SDO team, 10-Hz horizontal spectral acceleration

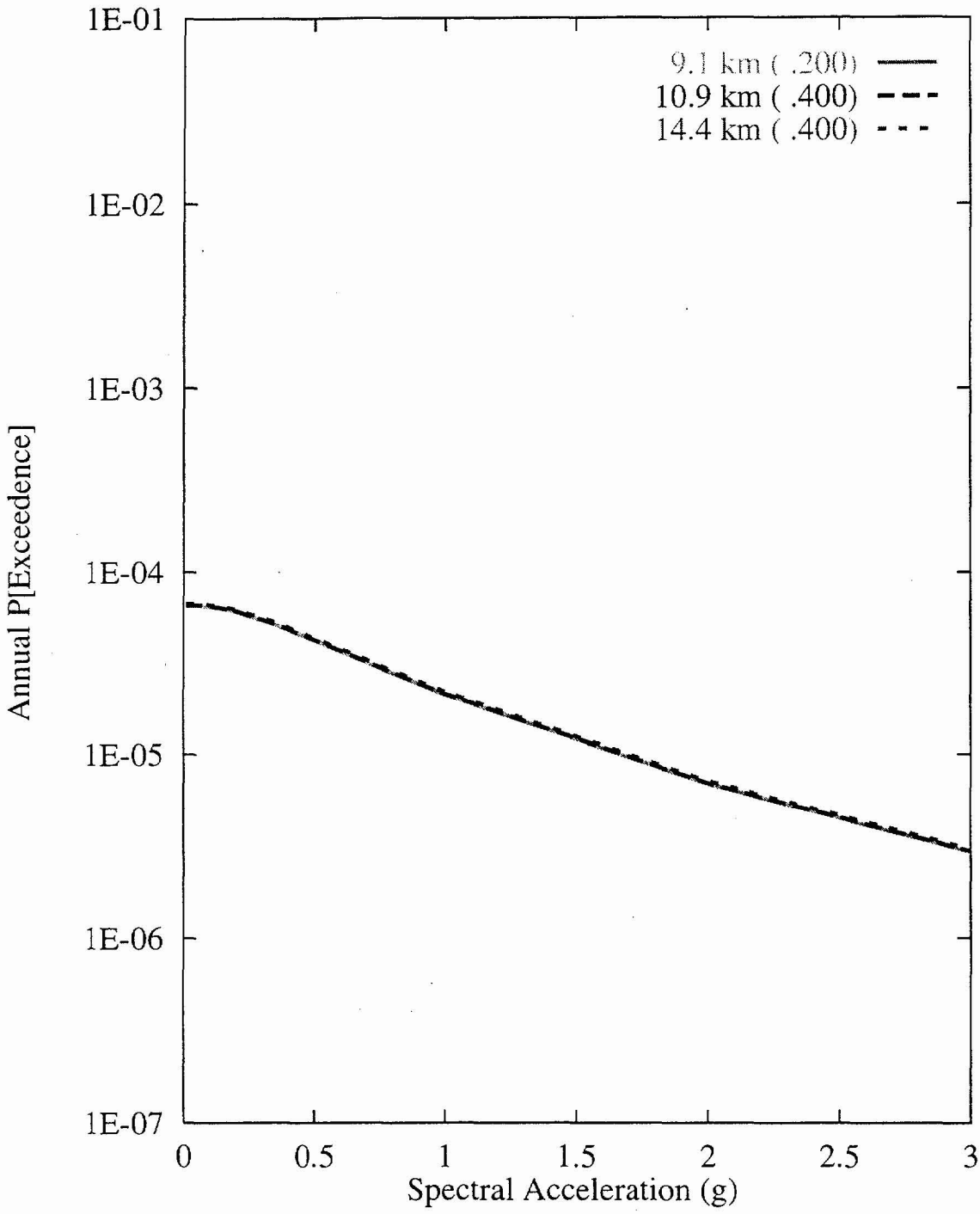


Figure 7-166 Sensitivity of seismic hazard from local faults to maximum depth of the Solitario Canyon fault: SDO team, 10-Hz horizontal spectral acceleration

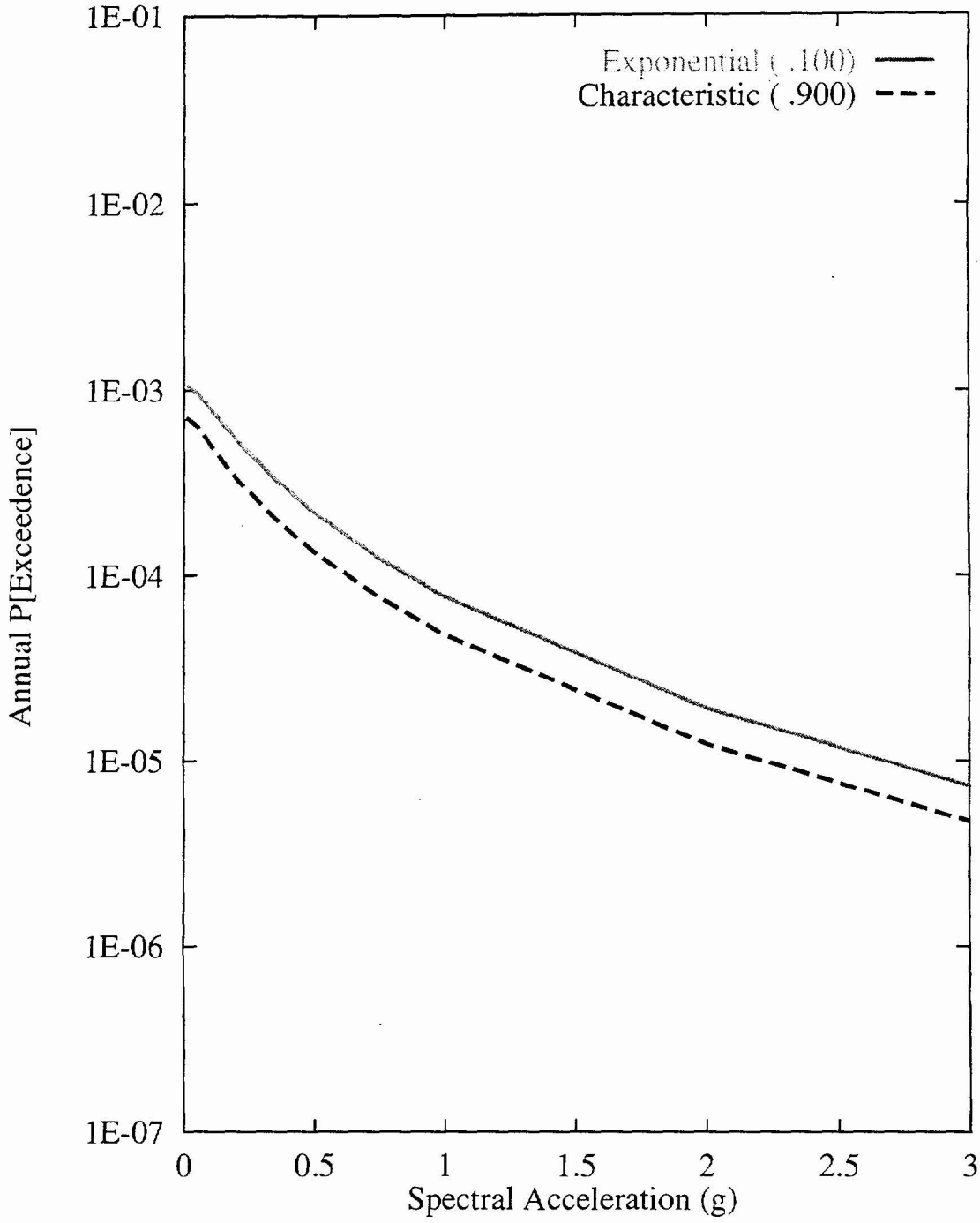


Figure 7-167 Sensitivity of seismic hazard from local faults to recurrence model of the Solitario Canyon fault: SDO team, 10-Hz horizontal spectral acceleration

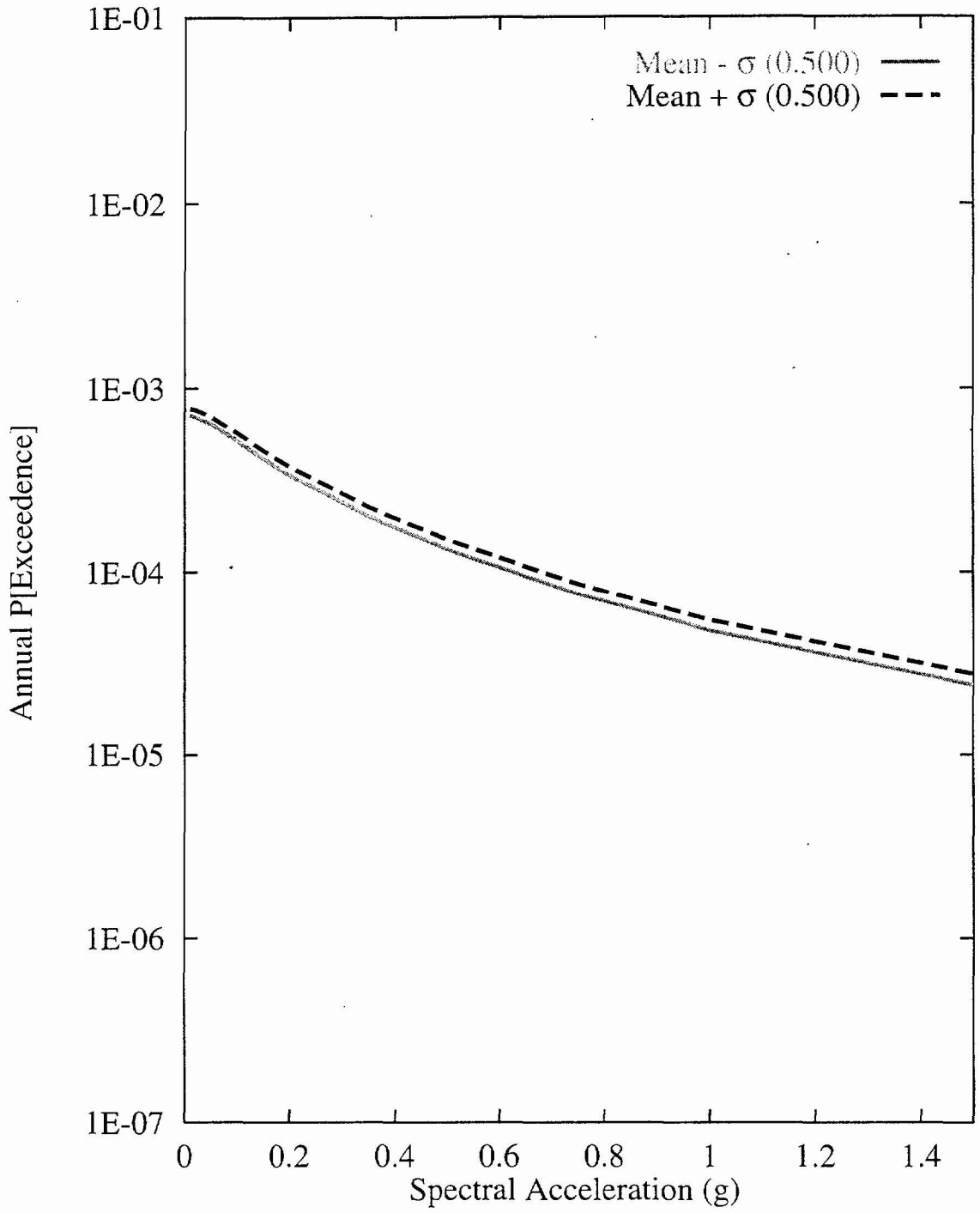


Figure 7-168 Sensitivity of seismic hazard from local faults to Mmax for the Solitario Canyon fault: SDO team, 10-Hz horizontal spectral acceleration

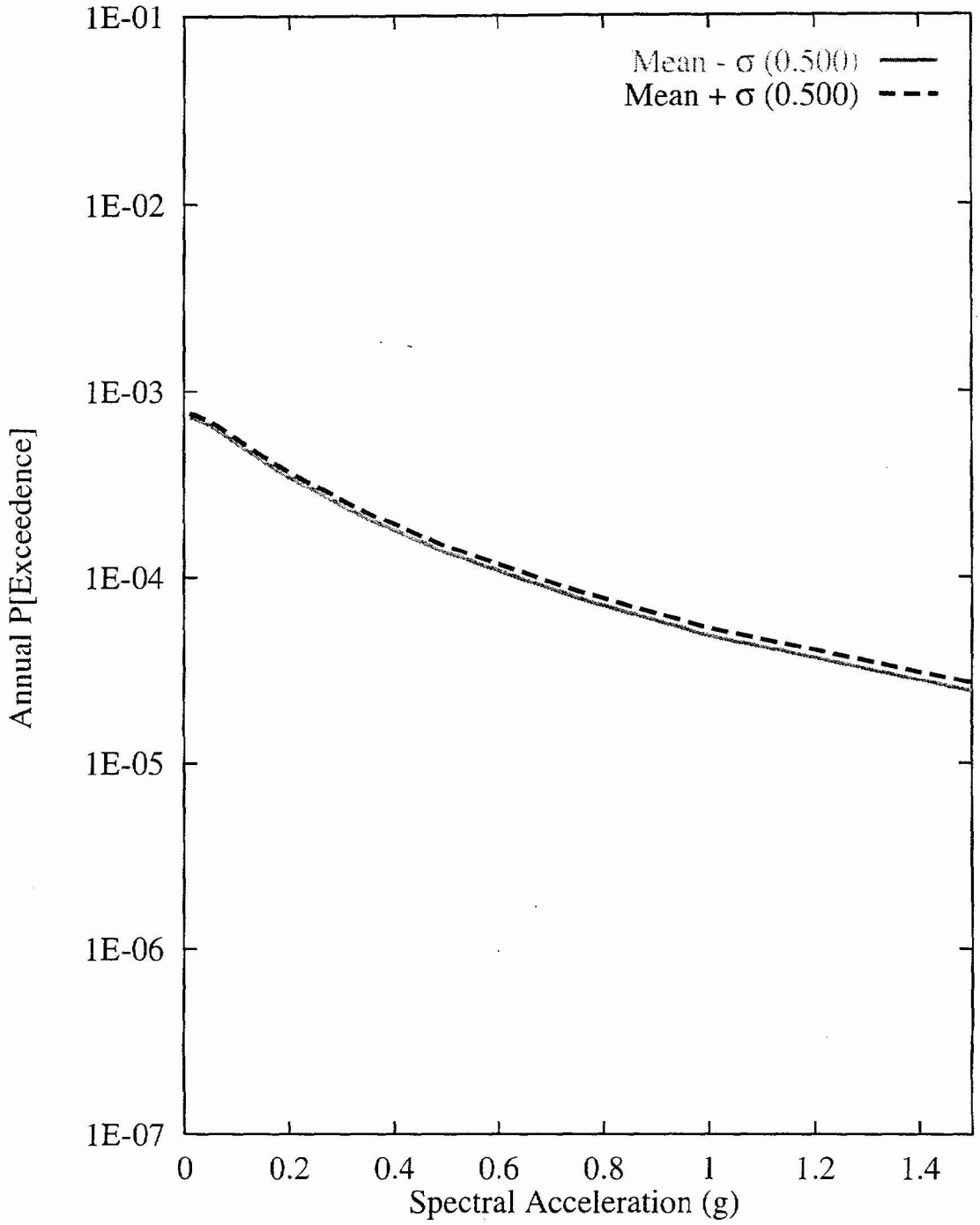


Figure 7-169 Sensitivity of seismic hazard from local faults to recurrence of the Solitario Canyon fault: SDO team, 10-Hz horizontal spectral acceleration

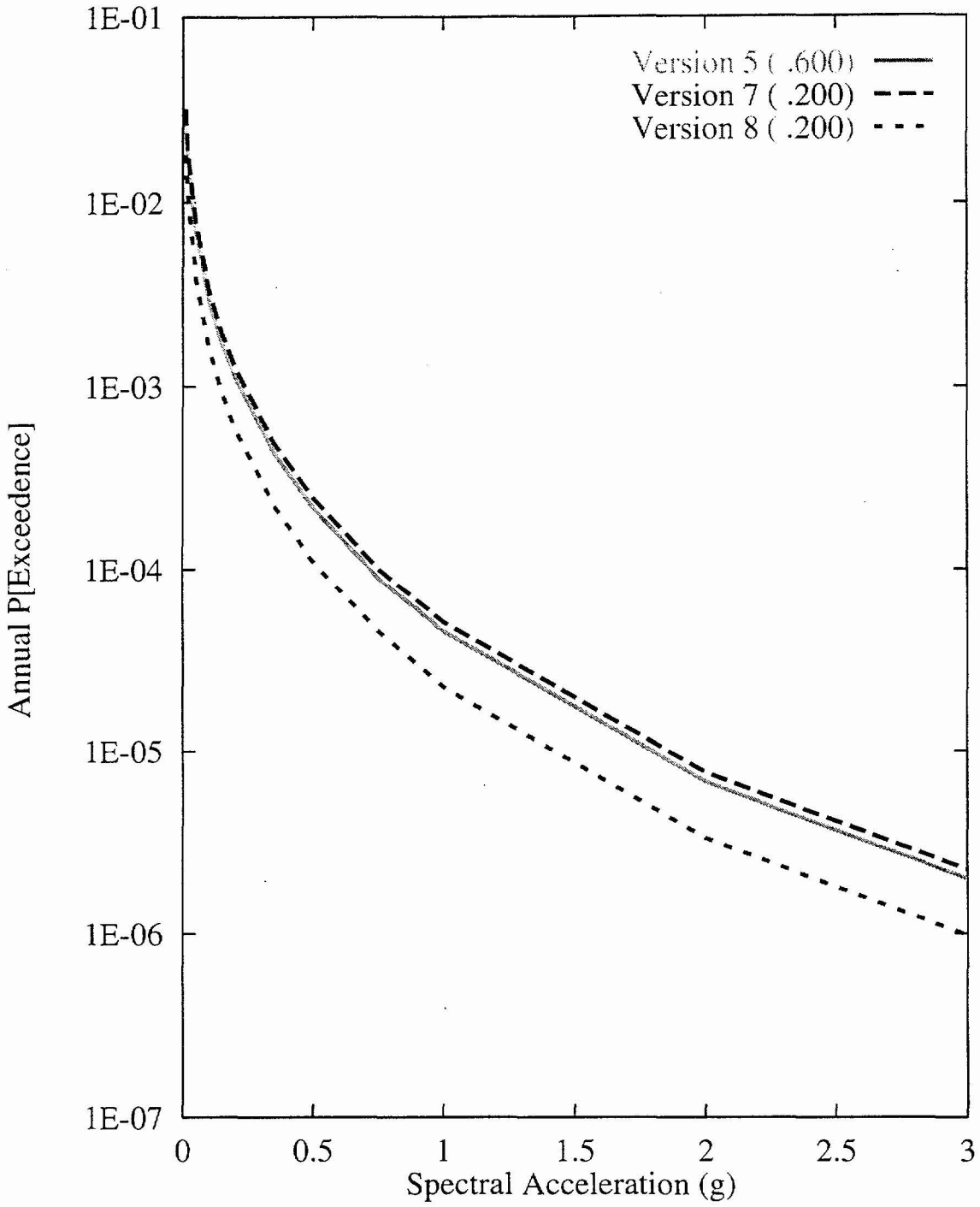


Figure 7-170 Sensitivity of seismic hazard from area zones to choice of seismicity catalog: SDO team, 10-Hz horizontal spectral acceleration

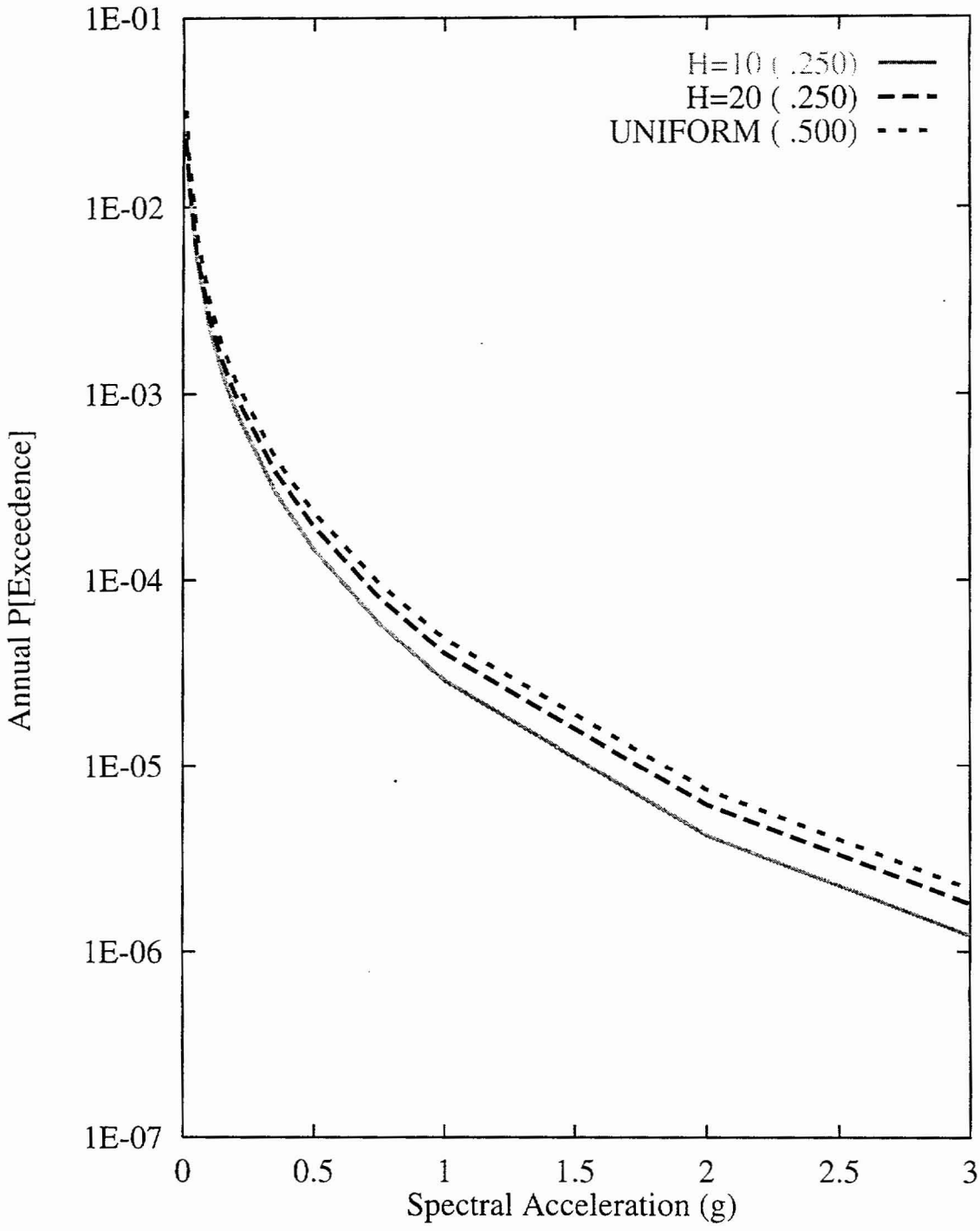


Figure 7-171 Sensitivity of seismic hazard from area zones to spatial variability and smoothing (H) of seismicity: SDO team, 10-Hz horizontal spectral acceleration

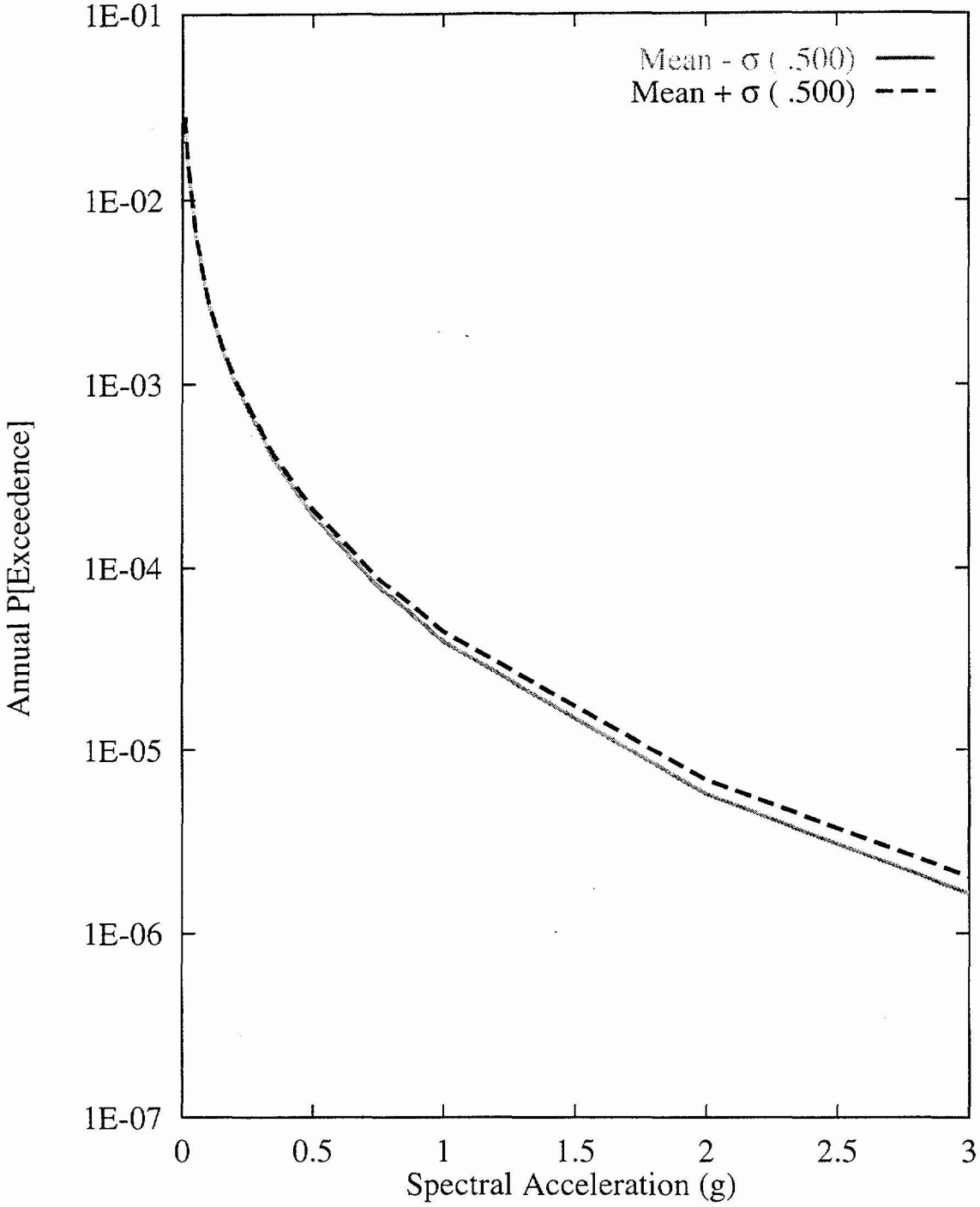


Figure 7-172 Sensitivity of seismic hazard from area zones to Mmax of the Z1 area zone: SDO team, 10-Hz horizontal spectral acceleration

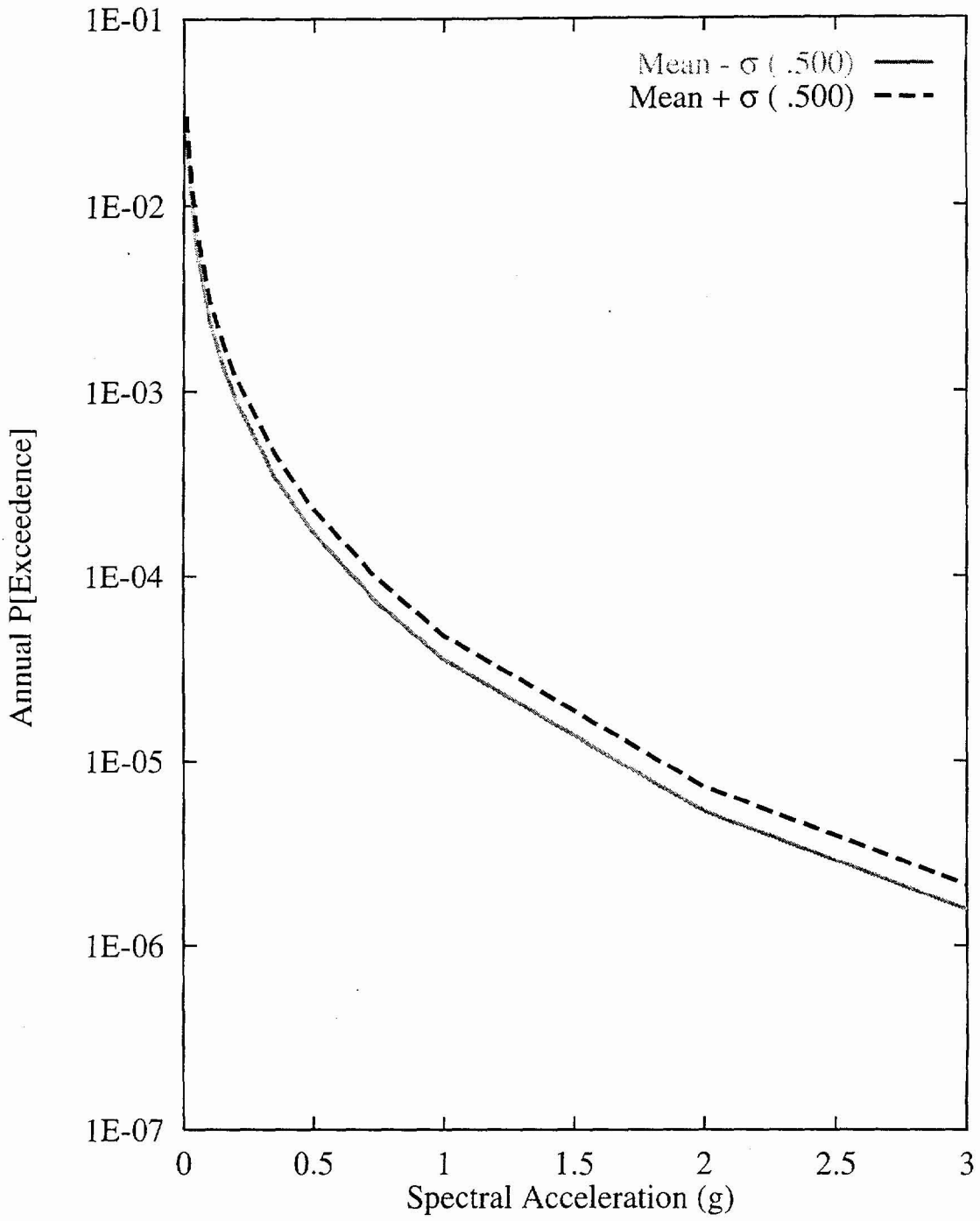


Figure 7-173 Sensitivity of seismic hazard from area zones to recurrence of the Z1 area zone: SDO team, 10-Hz horizontal spectral acceleration

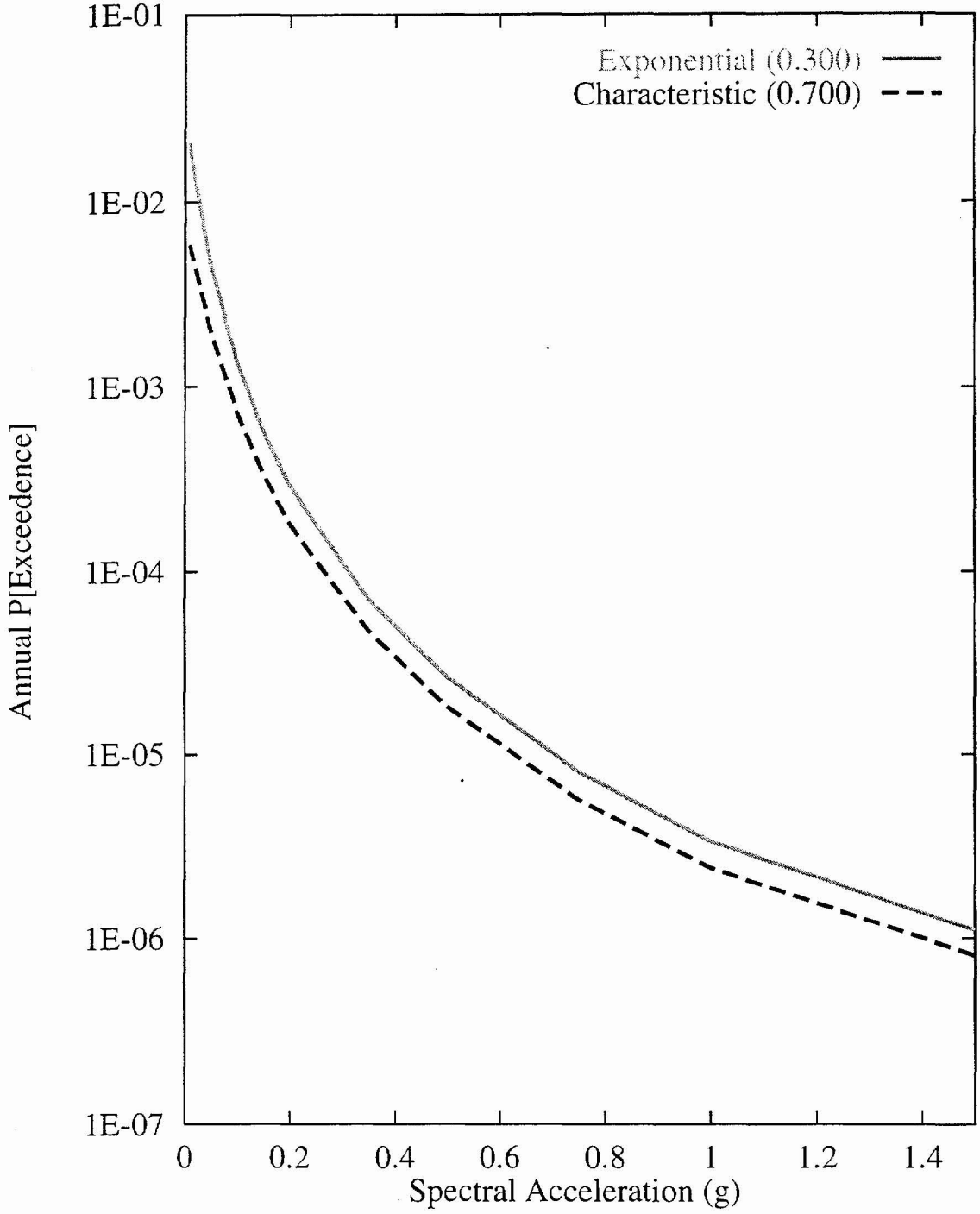


Figure 7-174 Sensitivity of seismic hazard from regional faults to recurrence model: SDO team, 1-Hz horizontal spectral acceleration

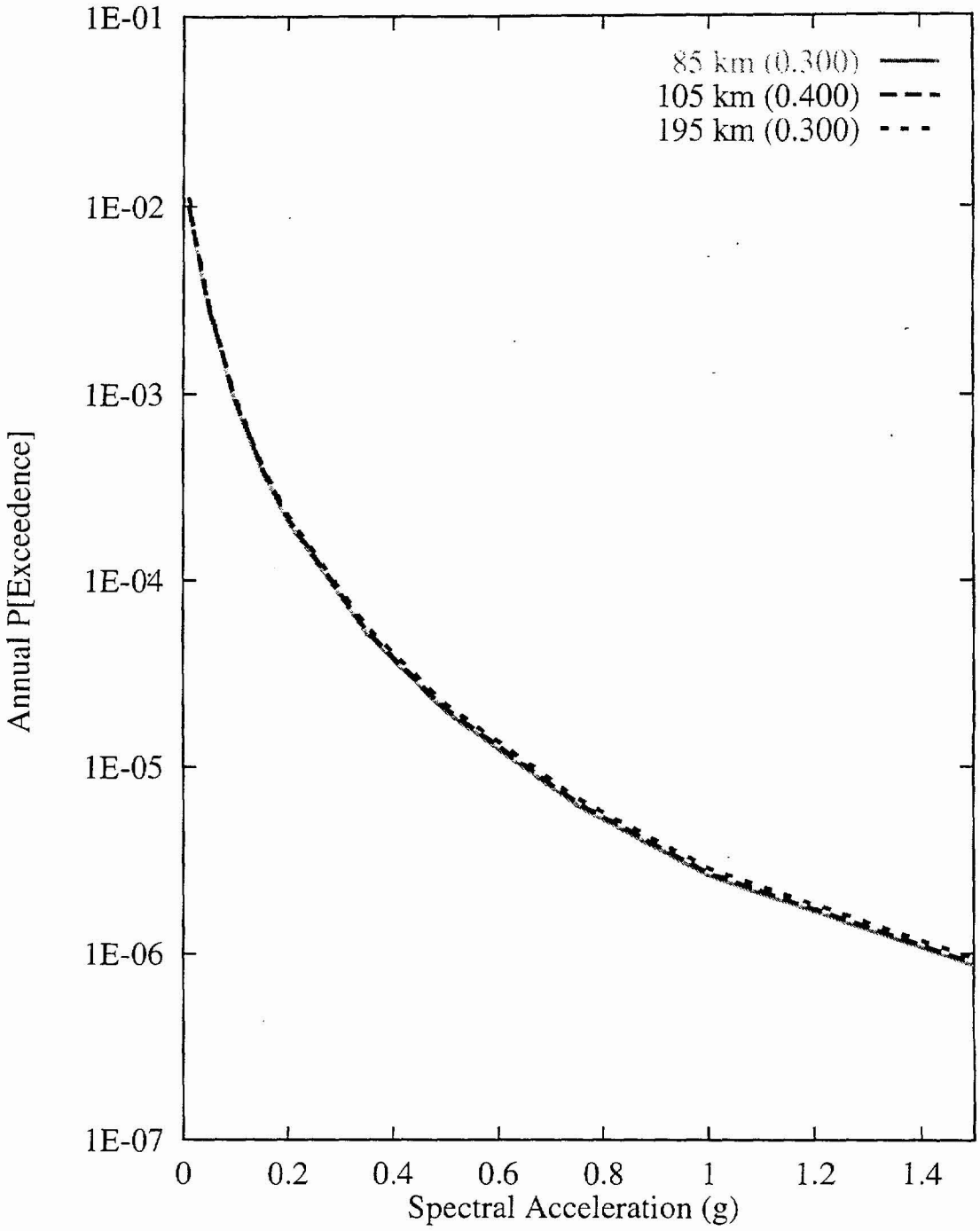


Figure 7-175 Sensitivity of seismic hazard from regional faults to length of the Furnace Creek fault: SDO team, 1-Hz horizontal spectral acceleration

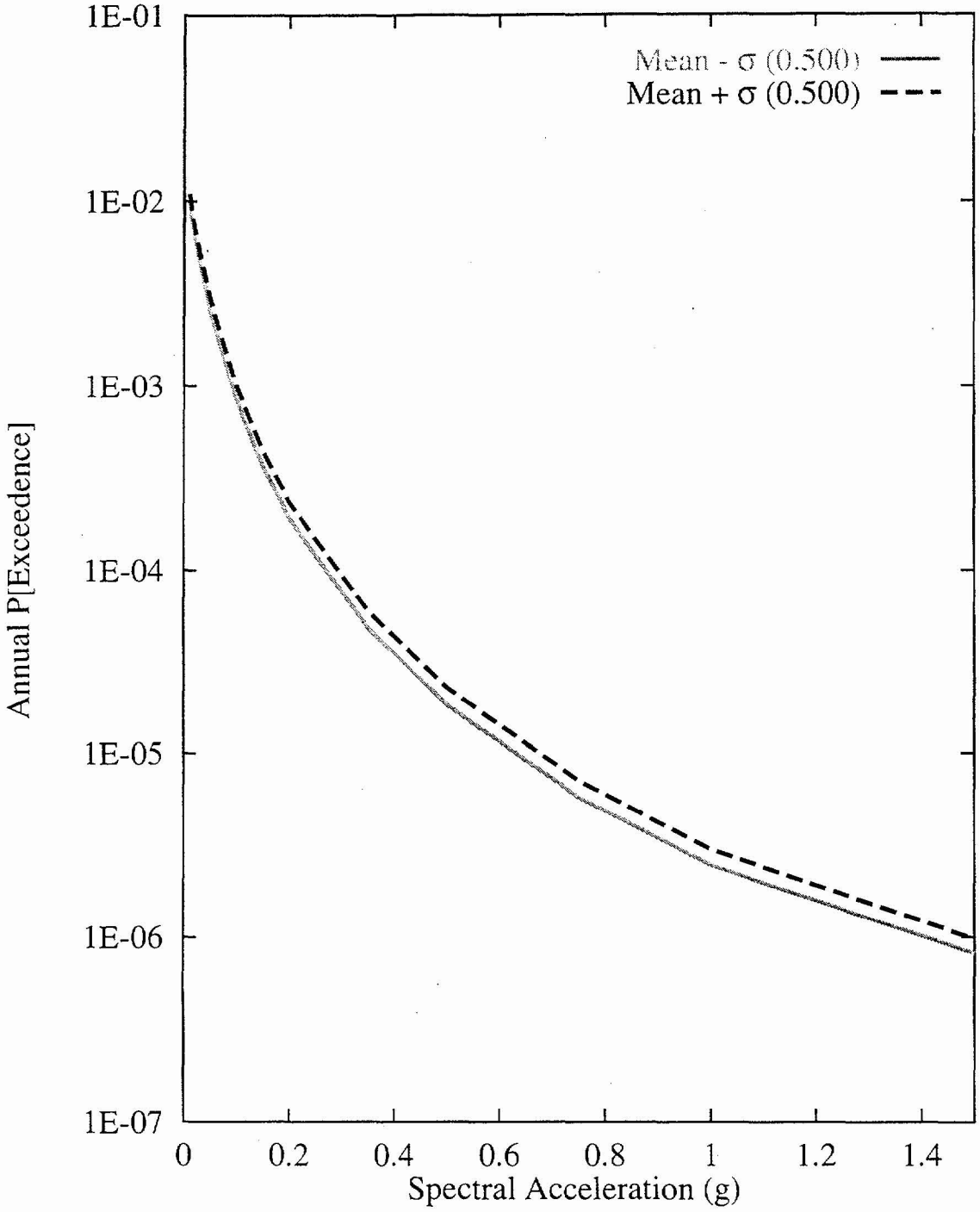


Figure 7-176 Sensitivity of seismic hazard from regional faults to M_{max} for the Furnace Creek fault: SDO team, 1-Hz horizontal spectral acceleration

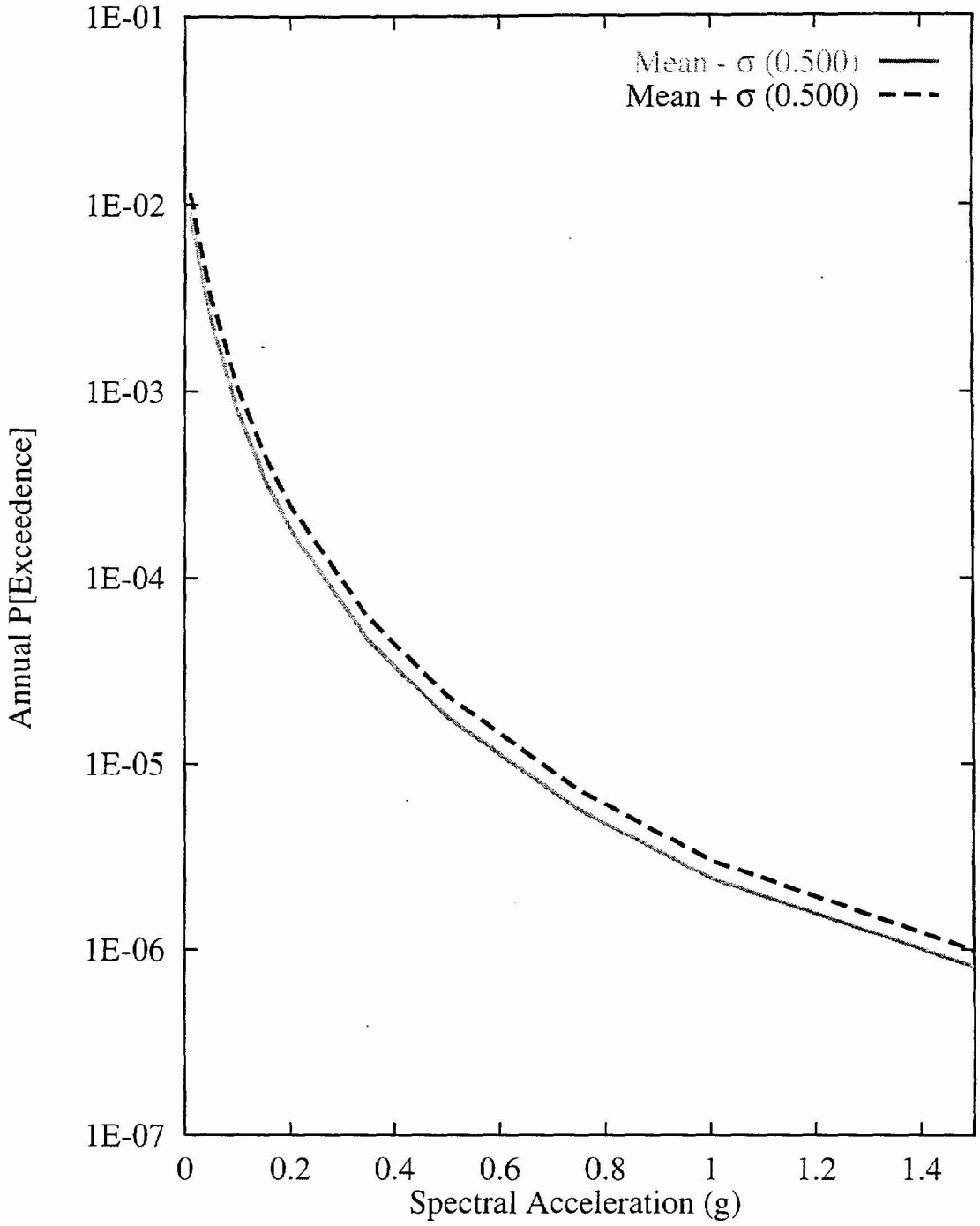


Figure 7-177 Sensitivity of seismic hazard from regional faults to recurrence of the Furnace Creek fault: SDO team, 1-Hz horizontal spectral acceleration

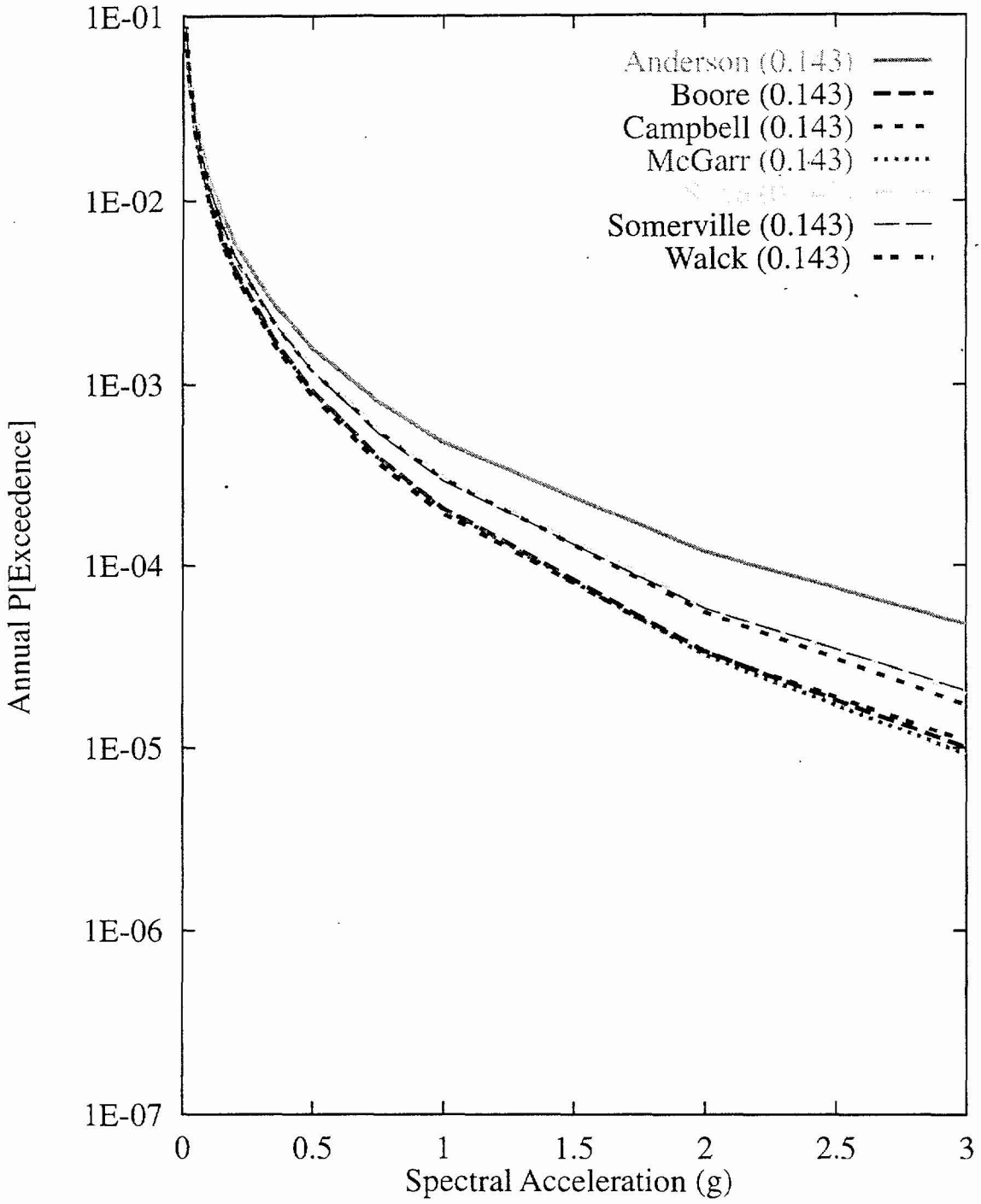


Figure 7-178 Sensitivity of seismic hazard to GM experts:
ASM team, 10-Hz horizontal spectral acceleration

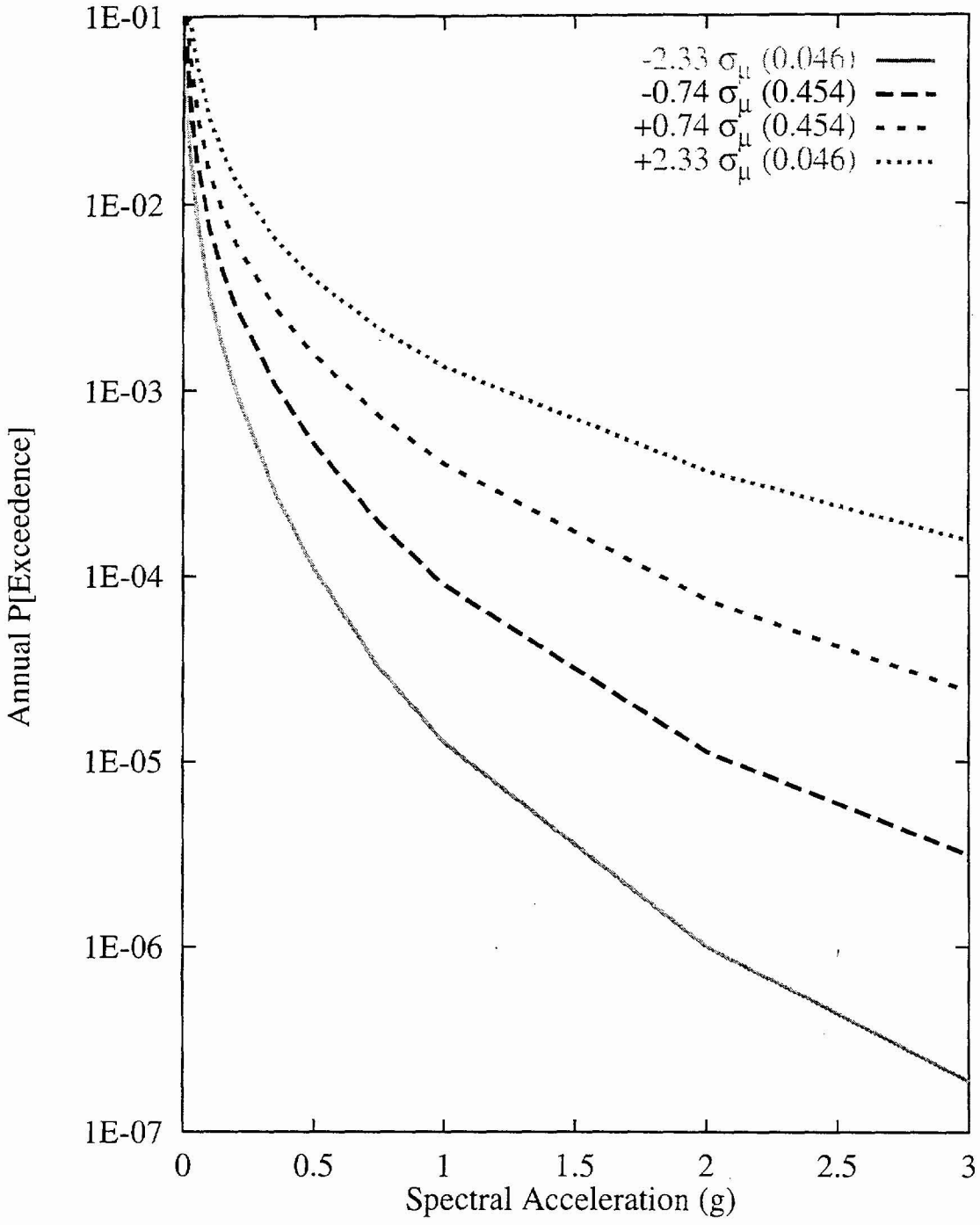


Figure 7-179 Sensitivity of seismic hazard to within-expert epistemic uncertainty in the median ground motion amplitude: ASM team, 10-Hz horizontal spectral acceleration

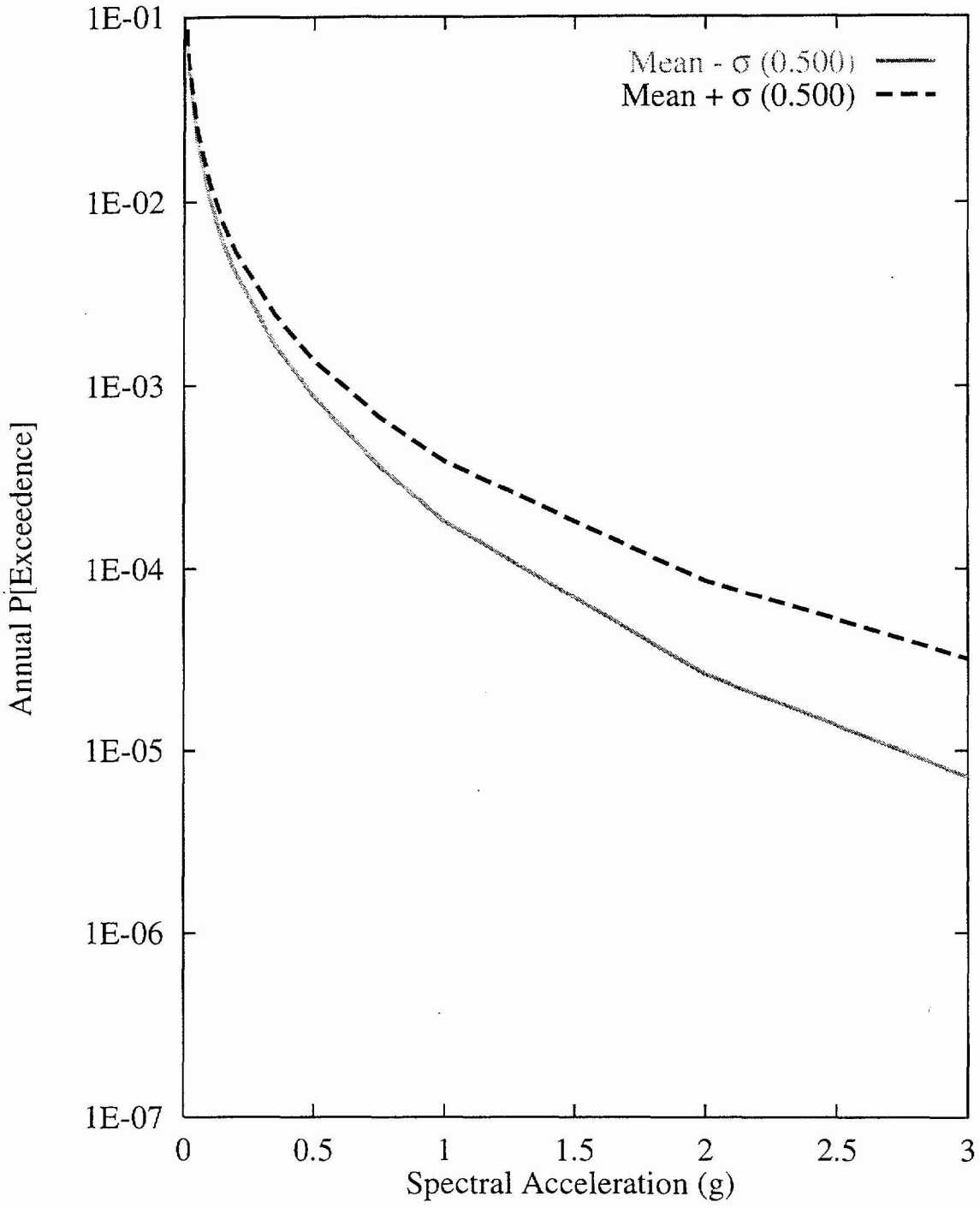


Figure 7-180 Sensitivity of seismic hazard to within-expert epistemic uncertainty in the standard deviation (sigma) of ground motion amplitude: ASM team, 10-Hz horizontal spectral acceleration

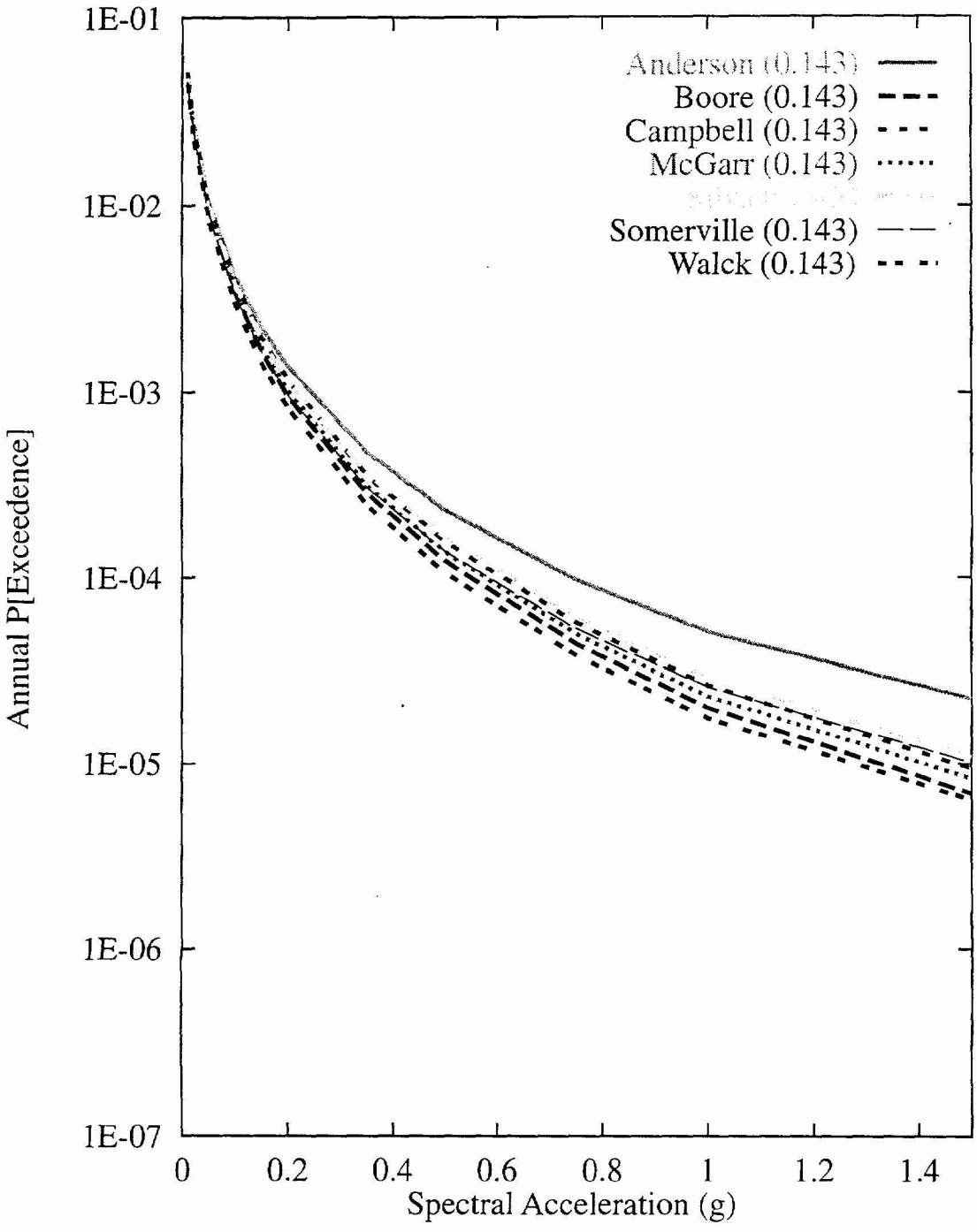


Figure 7-181 Sensitivity of seismic hazard to GM experts: ASM team, 1-Hz horizontal spectral acceleration

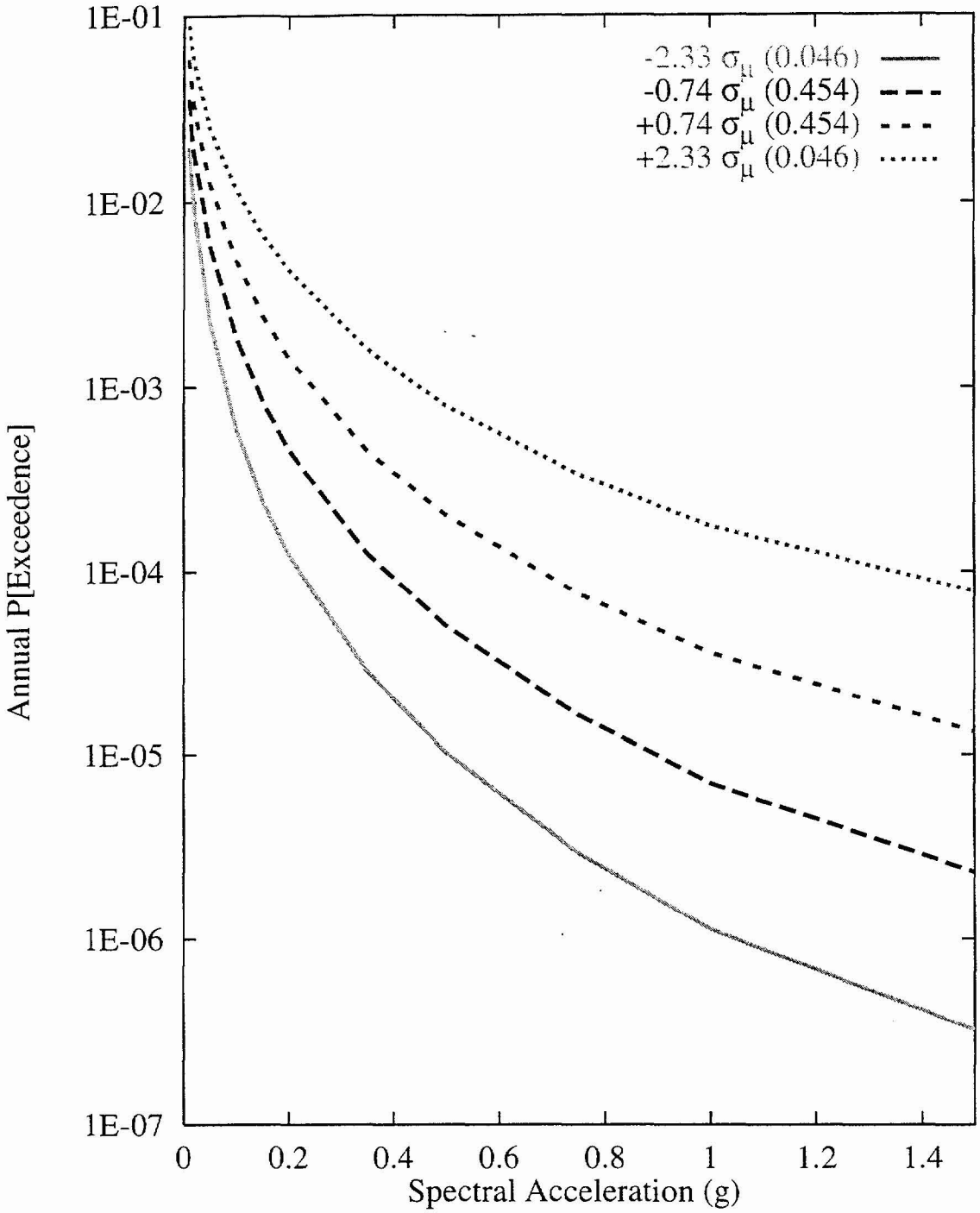


Figure 7-182 Sensitivity of seismic hazard to within-expert epistemic uncertainty in the median ground motion amplitude: ASM team, 1-Hz horizontal spectral acceleration

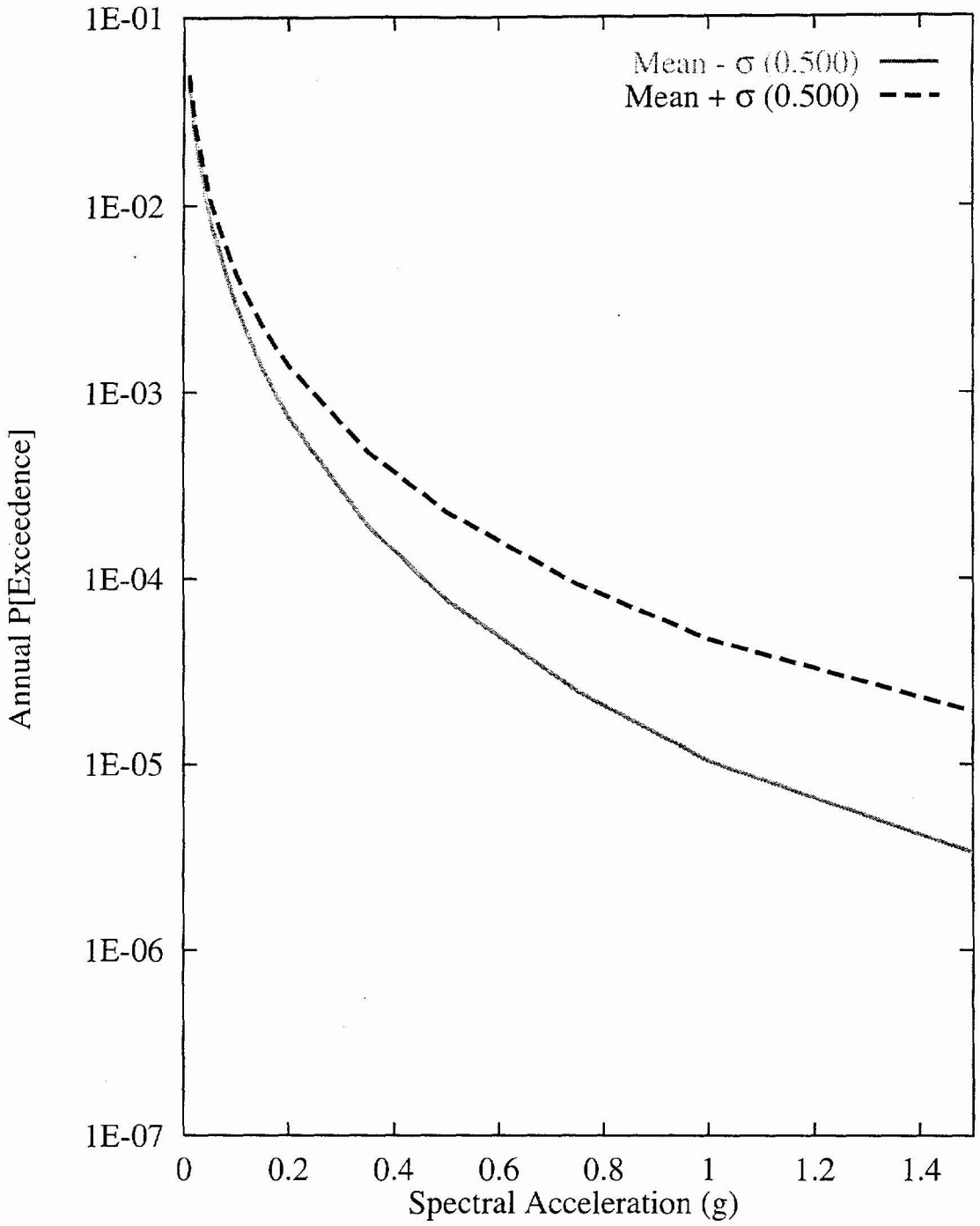


Figure 7-183 Sensitivity of seismic hazard to within-expert epistemic uncertainty in the standard deviation (sigma) of ground motion amplitude: ASM team, 1-Hz horizontal spectral acceleration

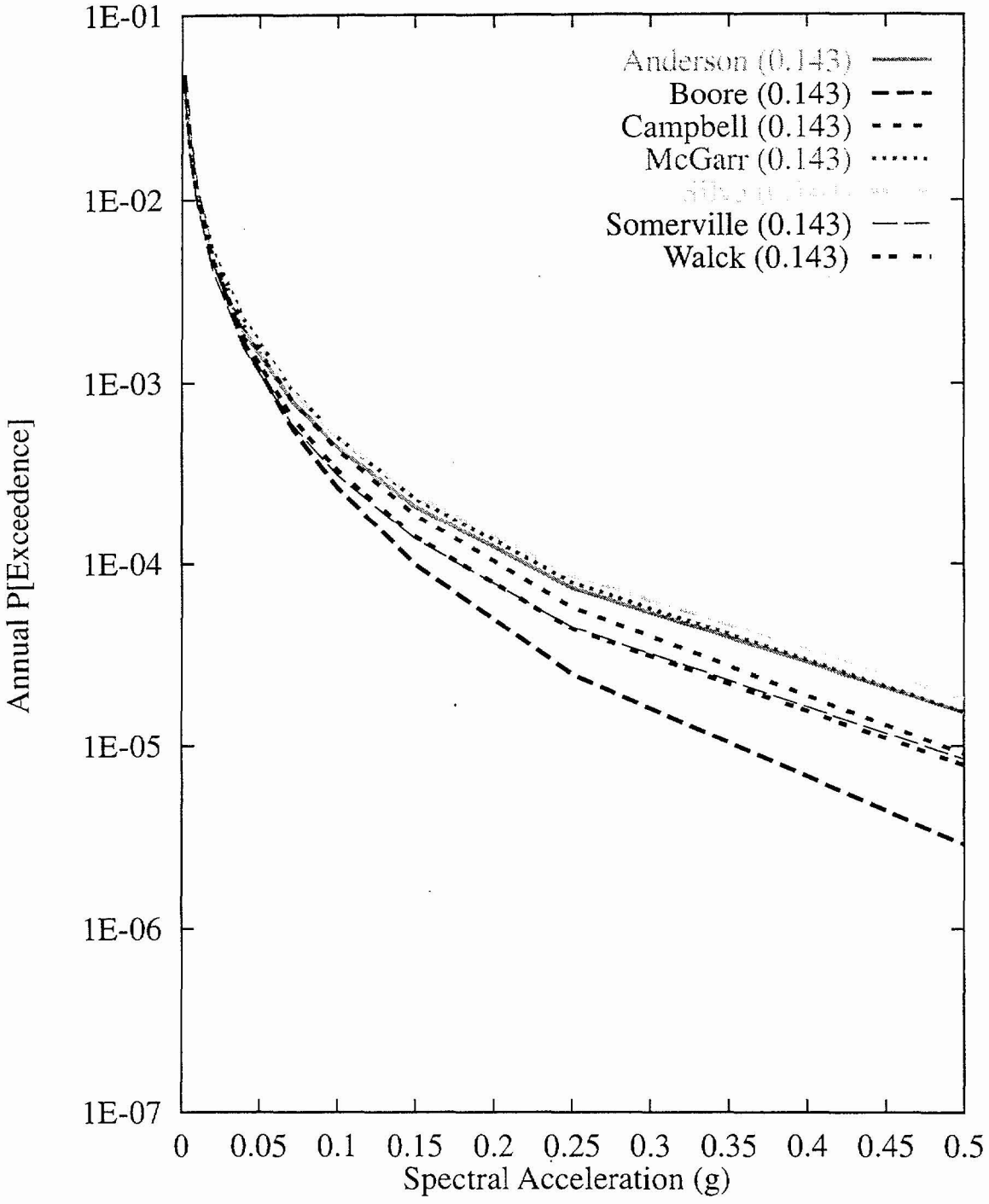


Figure 7-184 Sensitivity of seismic hazard to GM experts:
ASM team, 0.3-Hz horizontal spectral acceleration

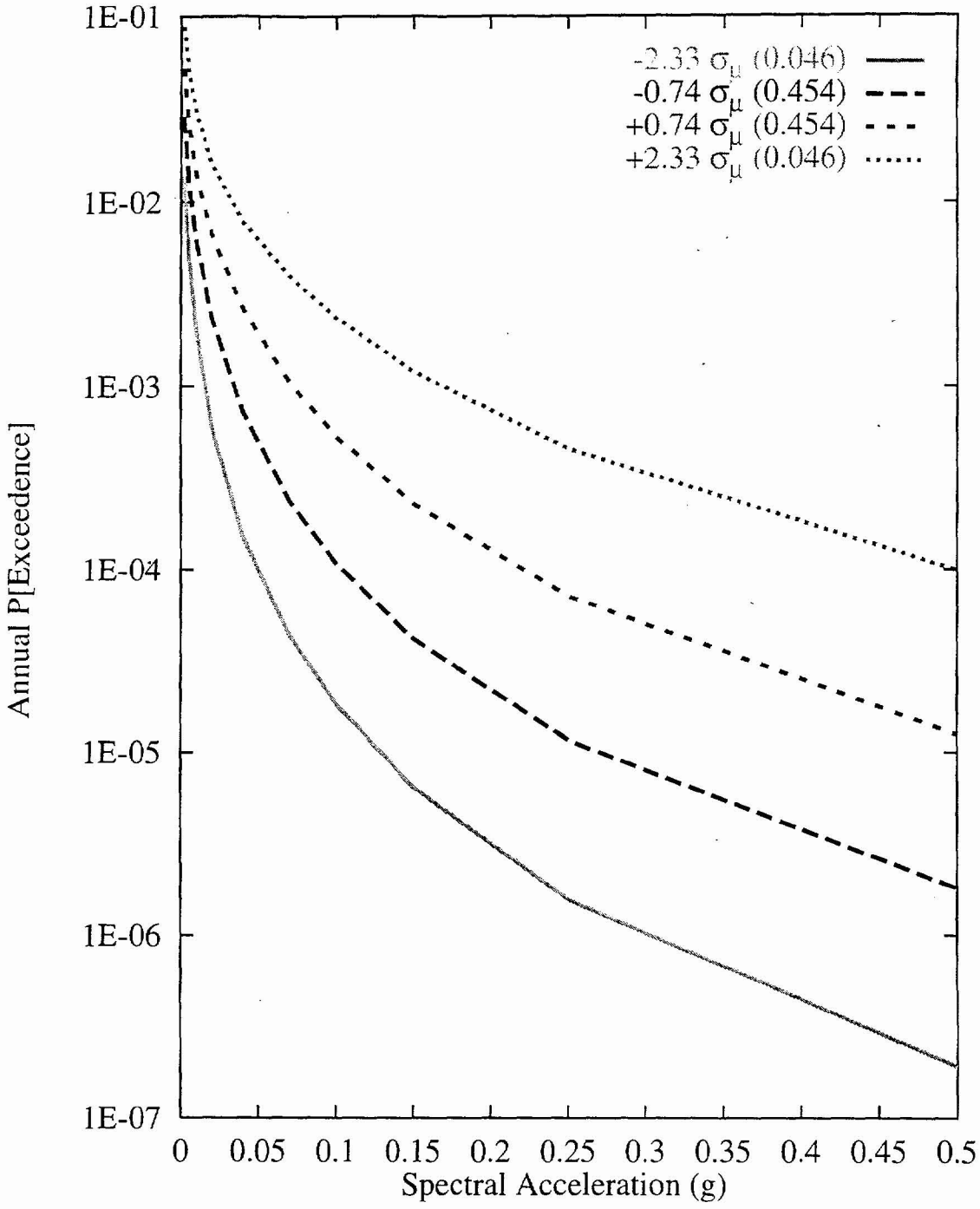


Figure 7-185 Sensitivity of seismic hazard to within-expert epistemic uncertainty in the median ground motion amplitude: ASM team, 0.3-Hz horizontal spectral acceleration

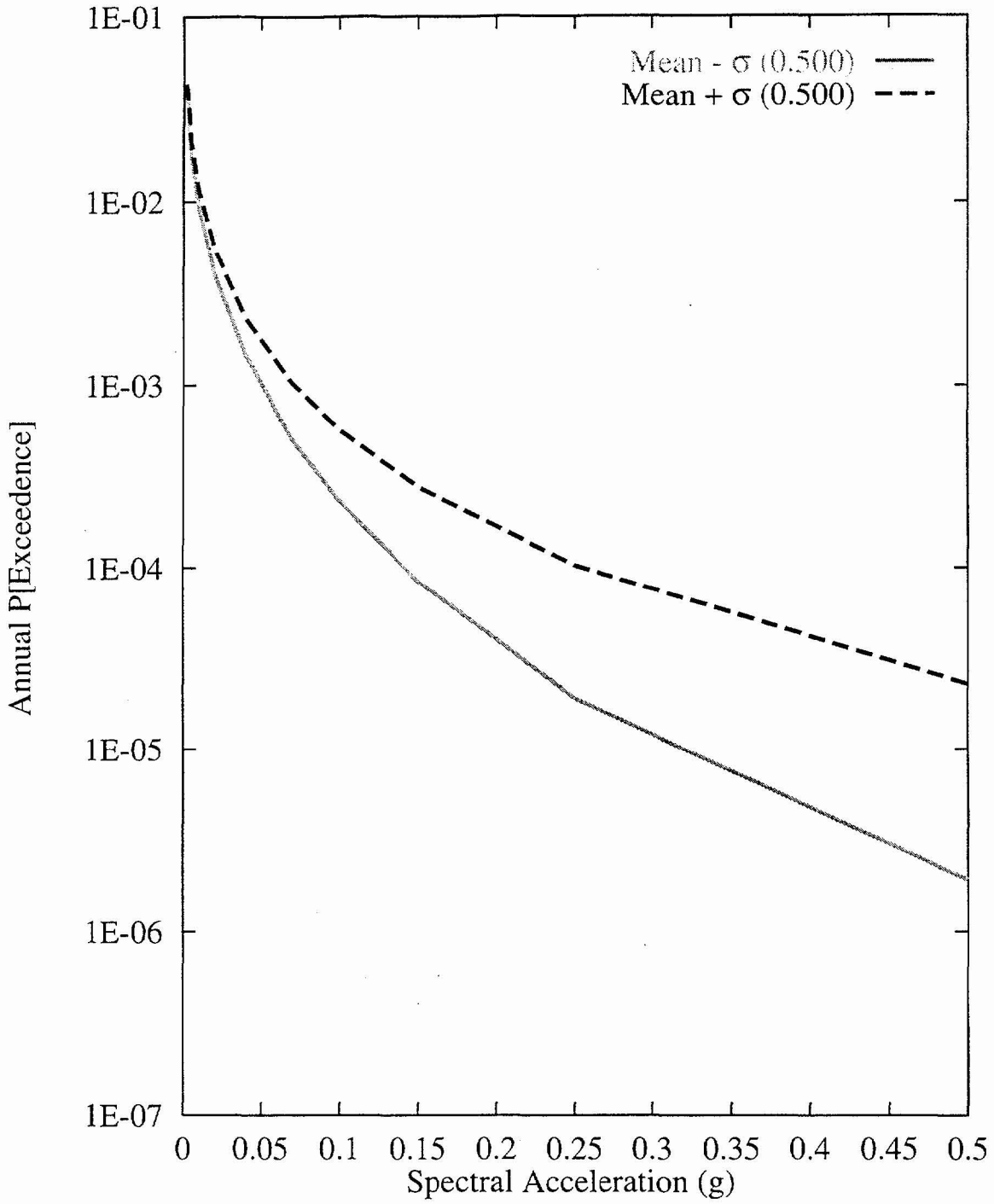


Figure 7-186 Sensitivity of seismic hazard to within-expert epistemic uncertainty in the standard deviation (sigma) of ground motion amplitude: ASM team, 0.3-Hz horizontal spectral acceleration