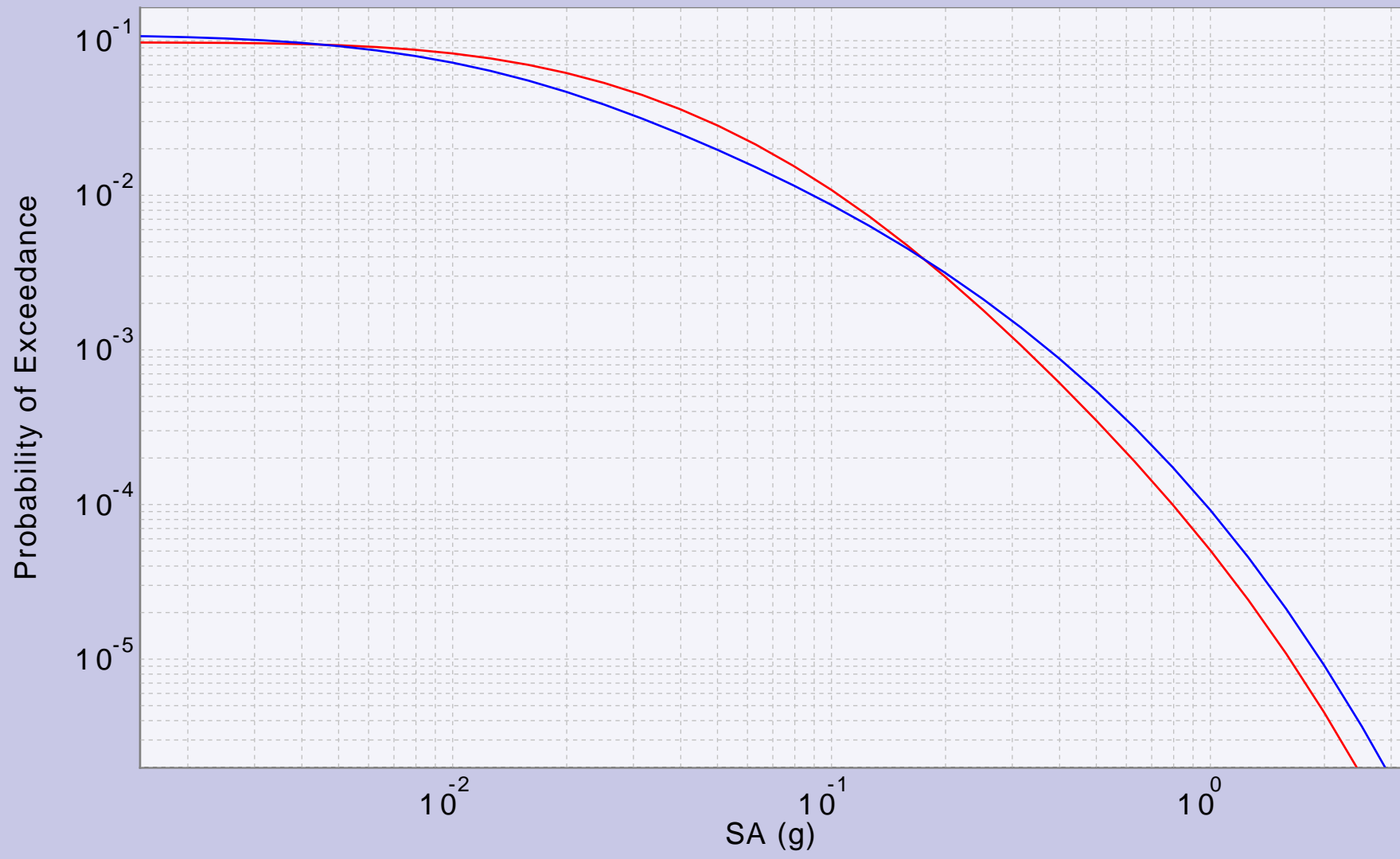# Hazard Curves

Probability of Exceedance vs. SA (g)

DATASET #1 (line: Solid, width=1.0; color: 255,0,0)

Cacluation Type = Probabilistic

IMR Param List:

IMR = NGAWest2 2014 Averaged Attenuation Relationship (unverified!); IMR Weights = ['Abrahamson, Silva & Kamai (2014) EXPERIMENTAL': 0.25, 'Boore, Stewart, Seyhan & Atkinson (2014) EXPERIMENTAL': 0.25, 'Campbell & Bozorgnia (2014) EXPERIMENTAL': 0.25, 'Chiou & Youngs (2014) EXPERIMENTAL': 0.25, 'Idriss (2014) EXPERIMENTAL': 0.0]; Tectonic Region = Active Shallow Crust; Gaussian Truncation = None; Component = RotD50

Site Param List:

Longitude = -118.32216; Latitude = 33.95328; Depth 2.5 km/sec = 3.66; Depth 1.0 km/sec = 600.0; Vs30 Type = Inferred; Vs30 = 387.0

IMT Param List:

IMT = SA; SA Period = 2.0; SA Damping = 5.0

Forecast Param List:

Eqk Rup Forecast = WGCEP (2007) UCERF2 - Single Branch; Rupture Offset = 5.0; Floater Type = Along strike & centered down dip; Background Seismicity = Exclude; Apply CyberShake DDW Corr = false; Probability Model = Poisson

TimeSpan Param List:

Duration = 1.0

Calculation Settings:

Maximum Distance = 200.0; Num Event Sets = 1; Use Mag-Distance Filter? = false; null; Set TRT From Source? = false; If source TRT not supported by IMR = Use TRT value already set in IMR; Pt Src Dist Corr = None

DATASET #2 (line: Solid, width=1.0; color: 0,0,255)

Cacluation Type = Probabilistic

IMR Param List:

IMR = NGAWest2 2014 Averaged Attenuation Relationship (unverified!); IMR Weights = ['Abrahamson, Silva & Kamai (2014) EXPERIMENTAL': 0.25, 'Boore, Stewart, Seyhan & Atkinson (2014) EXPERIMENTAL': 0.25, 'Campbell & Bozorgnia (2014) EXPERIMENTAL': 0.25, 'Chiou & Youngs (2014) EXPERIMENTAL': 0.25, 'Idriss (2014) EXPERIMENTAL': 0.0]; Tectonic Region = Active Shallow Crust; Gaussian Truncation = None; Component = RotD50

Site Param List:

Longitude = -118.32216; Latitude = 33.95328; Depth 2.5 km/sec = 3.66; Depth 1.0 km/sec = 600.0; Vs30 Type = Inferred; Vs30 = 387.0

IMT Param List:

IMT = SA; SA Period = 2.0; SA Damping = 5.0

Forecast Param List:

Eqk Rup Forecast = Fault System Solution ERF; Solution Input File =
/home/kevin/workspace/OpenSHA/dev/scratch/UCERF3/data/scratch/InversionSolutions/2013_05_10-ucerf3p3-production-
10runs_COMPOUND_SOL_FM3_1_MEAN_BRANCH_AVG_SOL.zip; Apply Aftershock Filter = true; Aleatory Mag-Area StdDev = 0.0;
Background Seismicity = Exclude; Use Quad Surfaces (otherwise gridded) = false; Fault Grid Spacing = 1.0; Probability Model = Poisson

TimeSpan Param List:

Duration = 1.0

Calculation Settings:

Maximum Distance = 200.0; Num Event Sets = 1; Use Mag-Distance Filter? = false; null; Set TRT From Source? = false; If source TRT not supported by IMR = Use TRT value already set in IMR; Pt Src Dist Corr = None