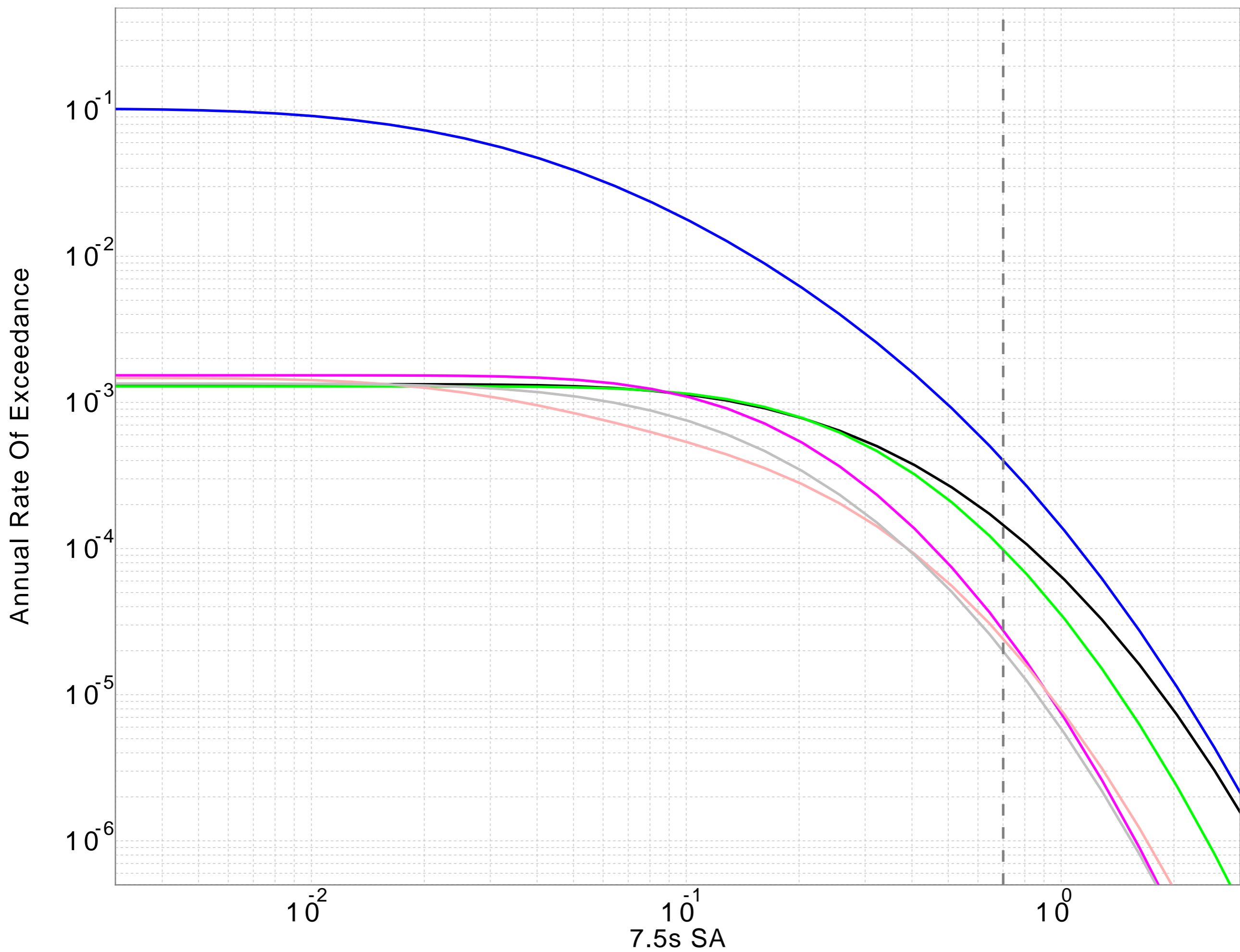


# s389 NGA2 Hazard Decomposition



— Total Hazard — Puente Hills — Elysian Park (Upper) — Raymond — Newport Inglewood — Santa Monica

DATASET #1 (line: Solid, width=2.0; color: 0,0,255)

Total Hazard

GMPE component (RotD50) scaled to RotD100 via factor of 1.2853100843311953 from Shahi & Baker 2014

DATASET #2 (line: Solid, width=2.0; color: 0,0,0)

Puente Hills

RTGM Contribution:  $0.70053697 - 0.6042344 = 0.09630254$

DATASET #3 (line: Solid, width=2.0; color: 0,255,0)

Elysian Park (Upper)

RTGM Contribution:  $0.70053697 - 0.63346463 = 0.06707234$

DATASET #4 (line: Solid, width=2.0; color: 255,0,255)

Raymond

RTGM Contribution:  $0.70053697 - 0.68248606 = 0.018050898$

DATASET #5 (line: Solid, width=2.0; color: 255,175,175)

Newport Inglewood

RTGM Contribution:  $0.70053697 - 0.6850426 = 0.015494333$

DATASET #6 (line: Solid, width=2.0; color: 192,192,192)

Santa Monica

RTGM Contribution:  $0.70053697 - 0.68773526 = 0.012801696$

DATASET #7 (line: Dashed, width=2.0; color: 128,128,128)