Interevent Times, M7.5 10² 10 Probability Density (1/yr) 100 Slope = -0.64 10^{-1} 10⁻² 10^{-3} 10⁻⁴ -3 -2 Log10 Interevent Time (years) ■Simulated - Mean = 30.18 - Poisson - Power-Law Fit DATASET #1 (line: Histogram, width=1.0; color: 128,128,128)

Simulated

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

Mean=30.18

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

Poisson

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

Power-Law Fit

DATASET #5 (line: Dashed, width=2.0; color: 255,0,0)