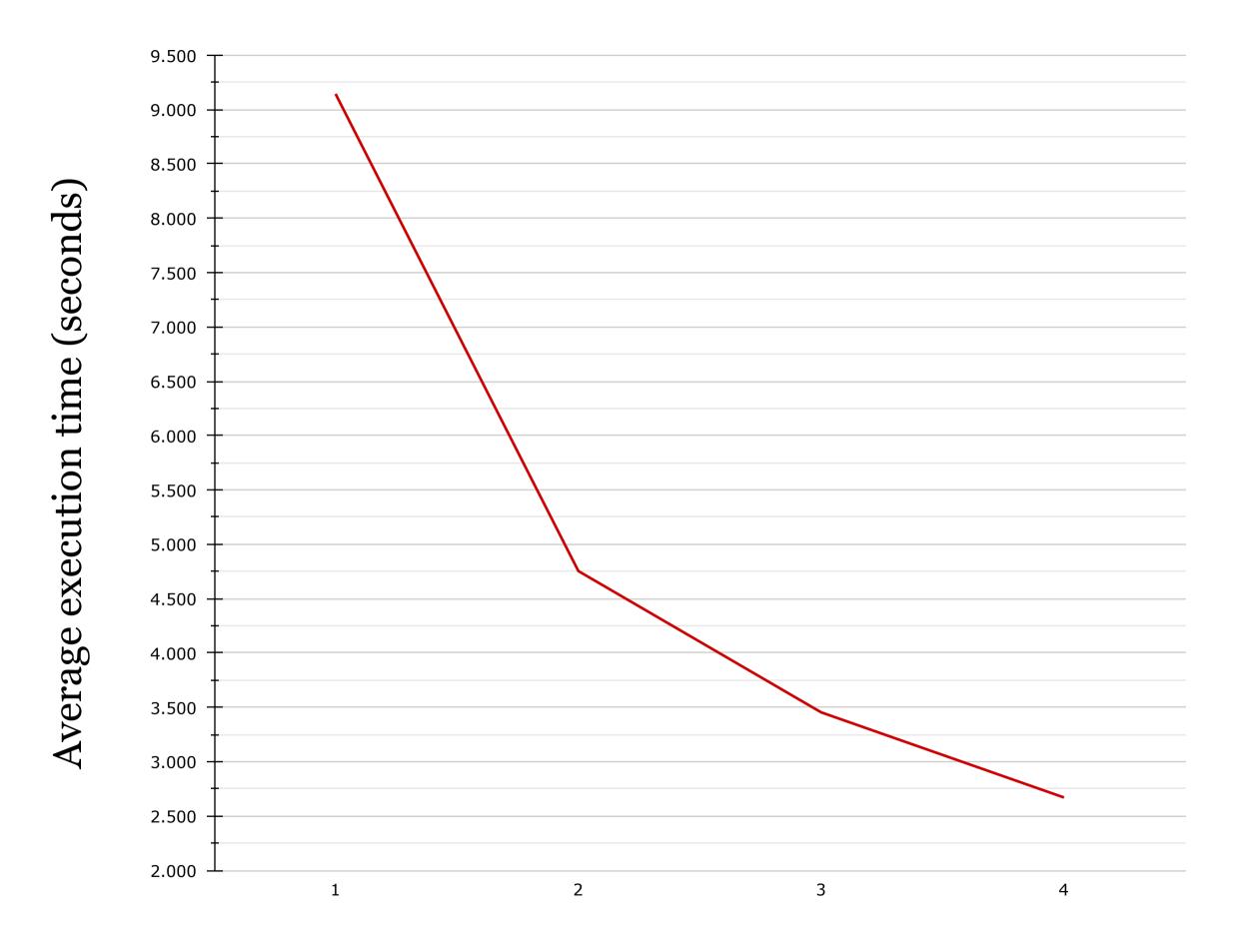The Mandelbrot Benchmark