



Figure 2.8: Spectral coefficients for three geometrically converging series. Although the three sets of coefficients differ through algebraic coefficients — the top curve is larger by n^2 than the middle curve, which in turn is larger by a factor of $n \log(n)$ than the bottom curve — the *exponential* dependence on n is the same for all. Consequently, all three sets of coefficients asymptote to parallel lines on this log-linear plot.