



Figure 1: The imaginary part of the frequency plotted versus the radius of the mirror for various ratios of the scalar charge, q , and the scalar mass, μ , in both normal and log scale. $Q = 0.8$ is cyan, $Q = 0.0$ is black, $Q = 0.95$ is green, $Q = 0.99$ is red and $Q = 0.997$ is blue. The ratios 0.4, 0.8 and 1.0 give negative imaginary parts for all Q so they are not shown here.