Approx Ratio QAOA ADAPT QAOA 2L ADAPT VQE 2L 1000.00 1000.00 10^{0.00} 10^{-0.05} 10^{-0.05} 10^{-0.05} 10^{-0.10} 10-0.10 10-0.10 10^{-0.15} 10^{-0.15} 10^{-0.15} 10^{-0.20} 10^{-0.20} 10^{-0.20} 1.0 1.5 2.0 2.5 3.0 6 8 2 3 4 5 6 4 Layers Layers Layers