Approx Ratio OAOA ADAPT QAOA 2L ADAPT VQE 2L 10^{0.0} 10^{0.0} 1000.0 10-0.1 10-0.1 10-0.1 6 8 -8 8 10 10 -10 5 8 2.55.07.50.02.5 6 10 Layers Layers Layers