Convergence Absolute Error in Energy for TFI with overlap=0.5 10^{0} 10^{-2} ODMD 10^{-4} **Absolute Error FODMD VQPE** 10^{-6} **UVQPE** QCELS 10-8 **QMEGS** Chemical Accuracy 10^{-10} 10^{-12} 10^{-14} 0 25 50 75 125 150 200 100 175 Total Evolution Time (100 observables per point)