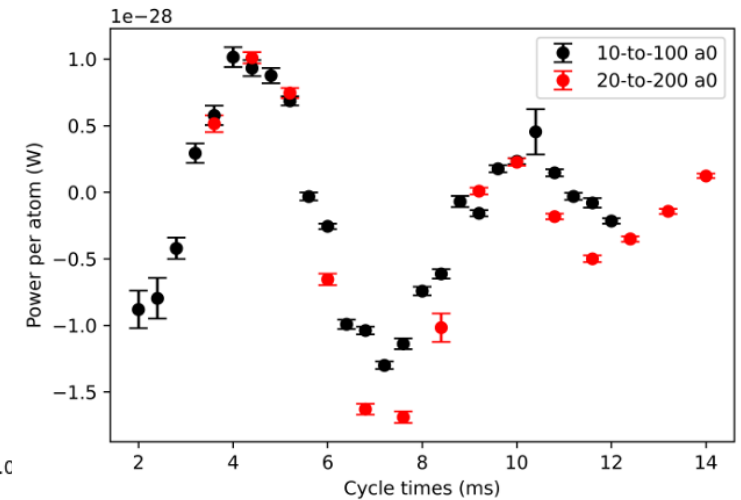
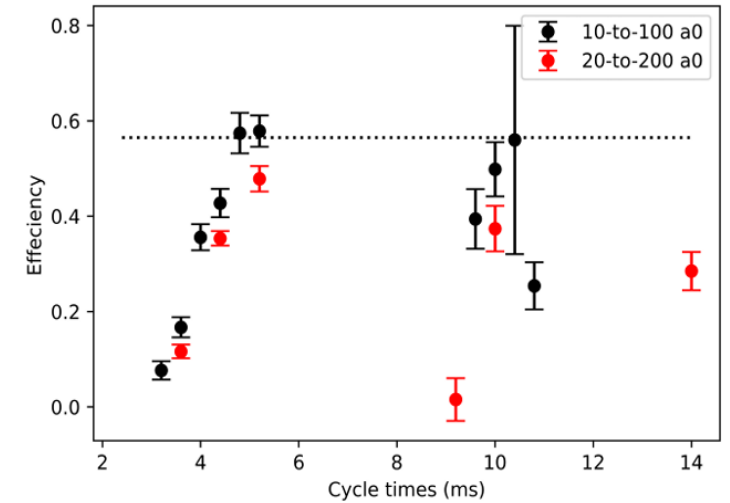
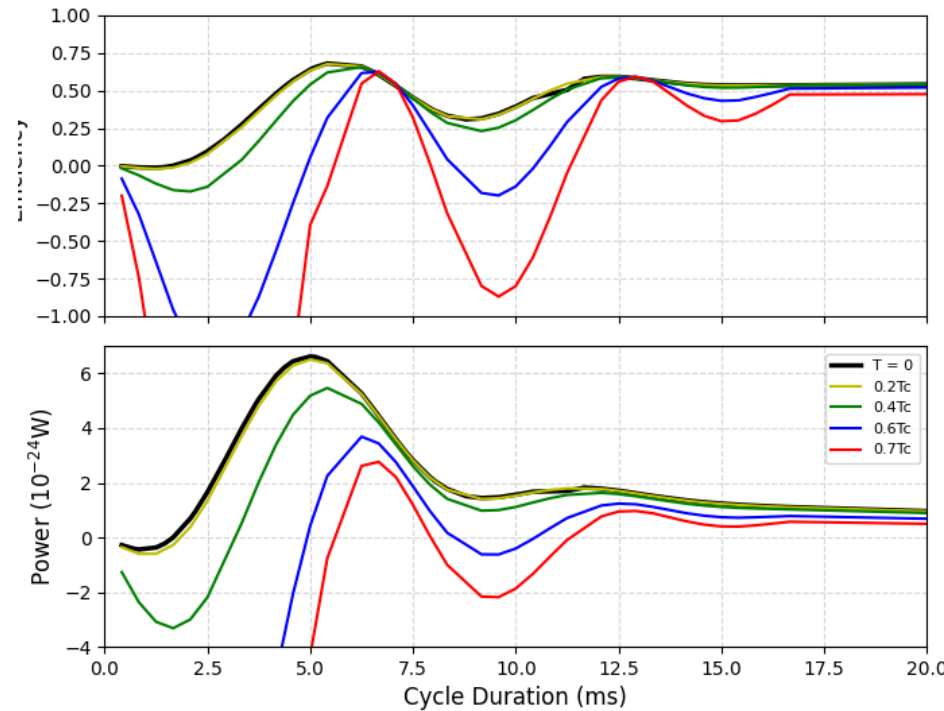
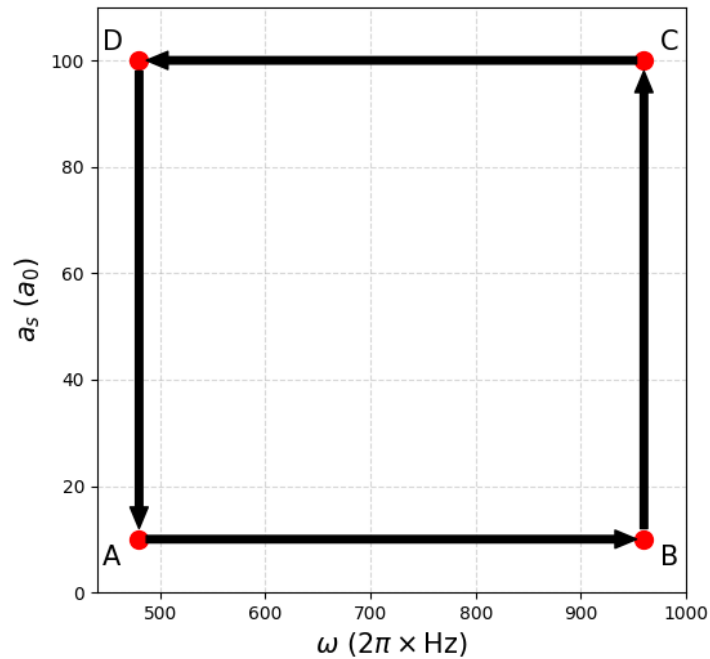


$$i\hbar\partial_t\psi = \left[\frac{-\hbar^2}{2m}\nabla^2 + g[n_c(r,t) + 2\tilde{n}(r,t)] + V(r,t) - iR(r,t) \right] \psi$$

$$\frac{\partial f}{\partial t} + \frac{\mathbf{p}}{m} \cdot \nabla_r f - (\nabla_r U_{eff}) \cdot (\nabla_p f) = C_{12}[f, \psi] + C_{22}[f]$$



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