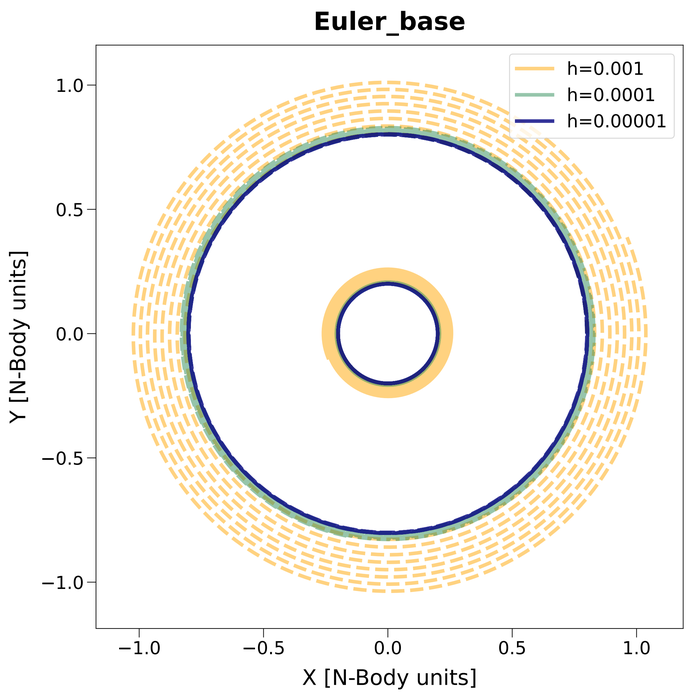
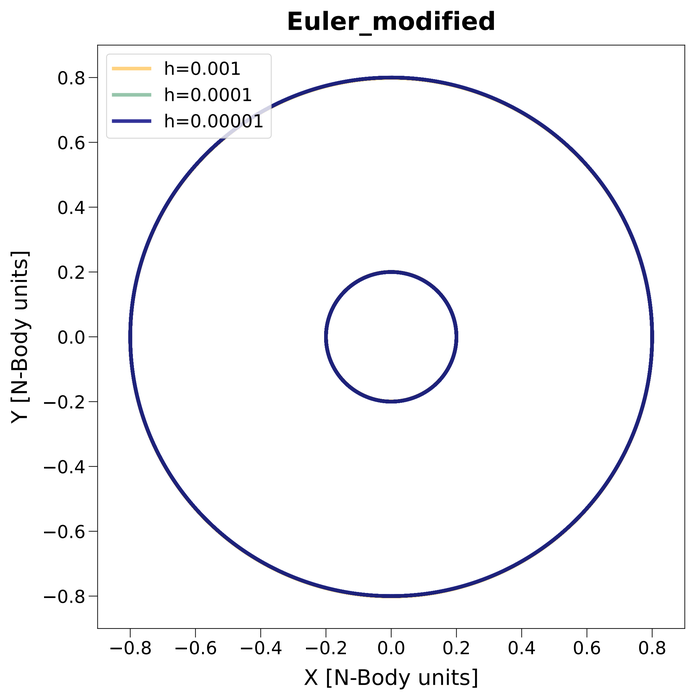
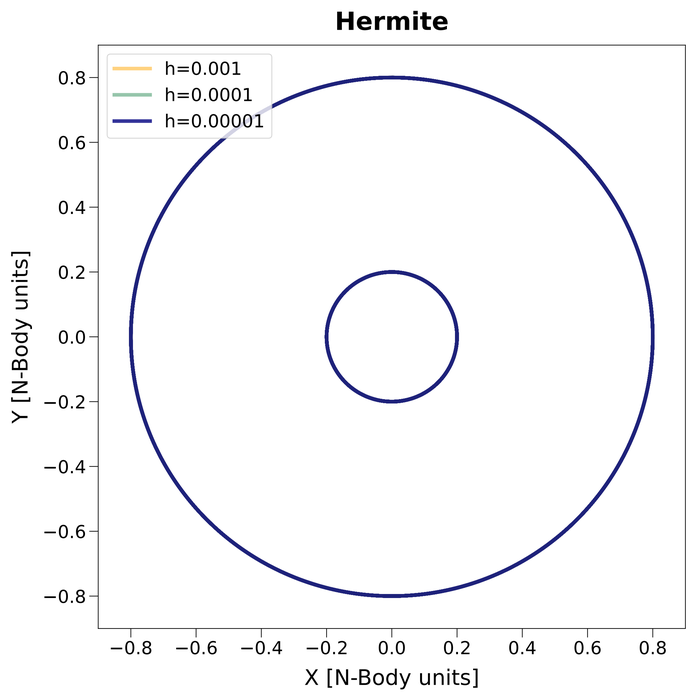
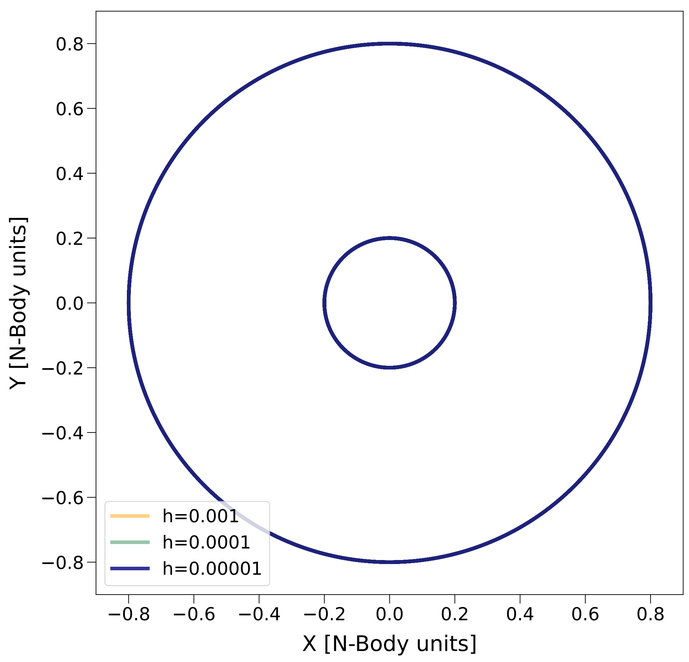
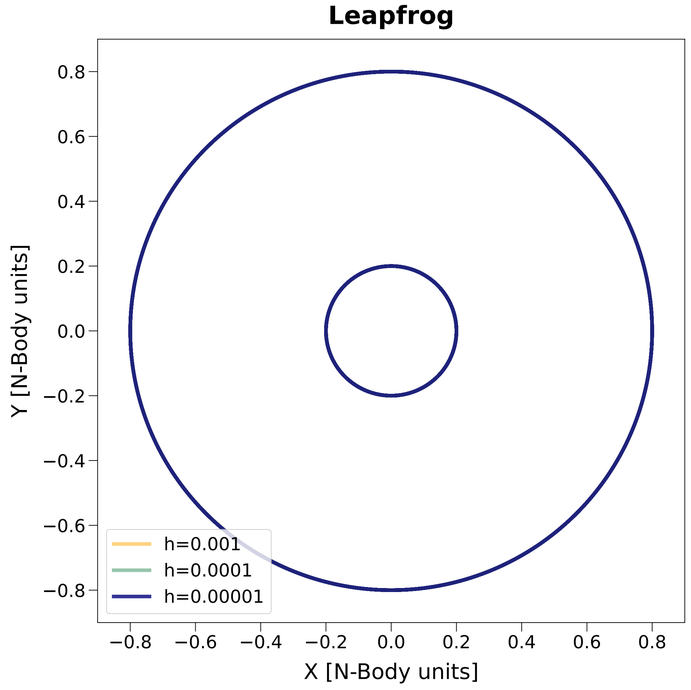
Position on X-Y Plane
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)

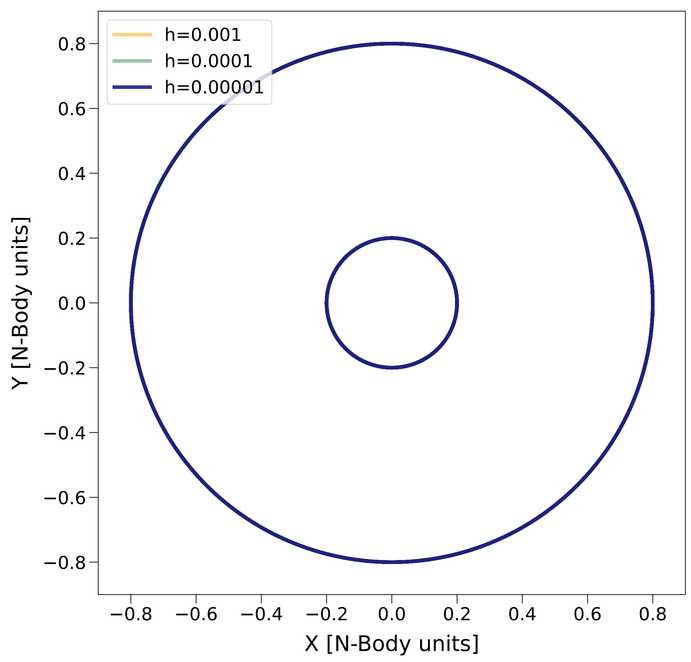


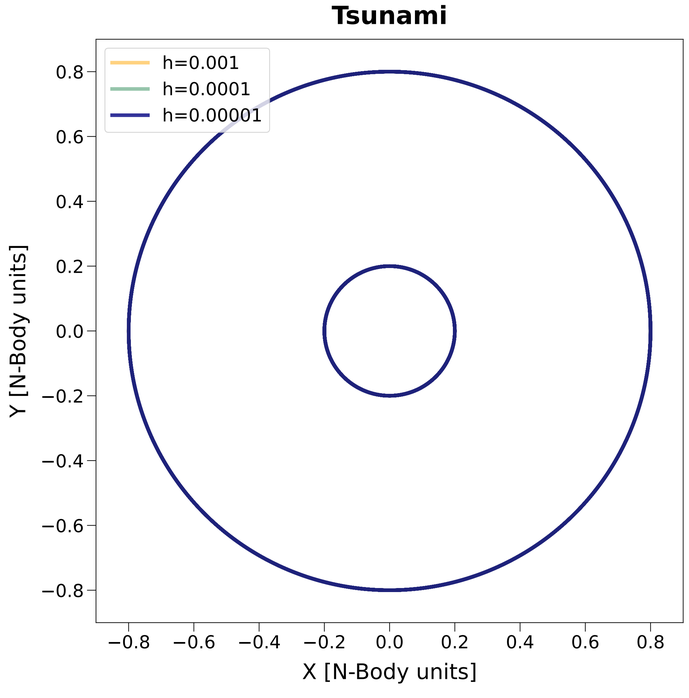




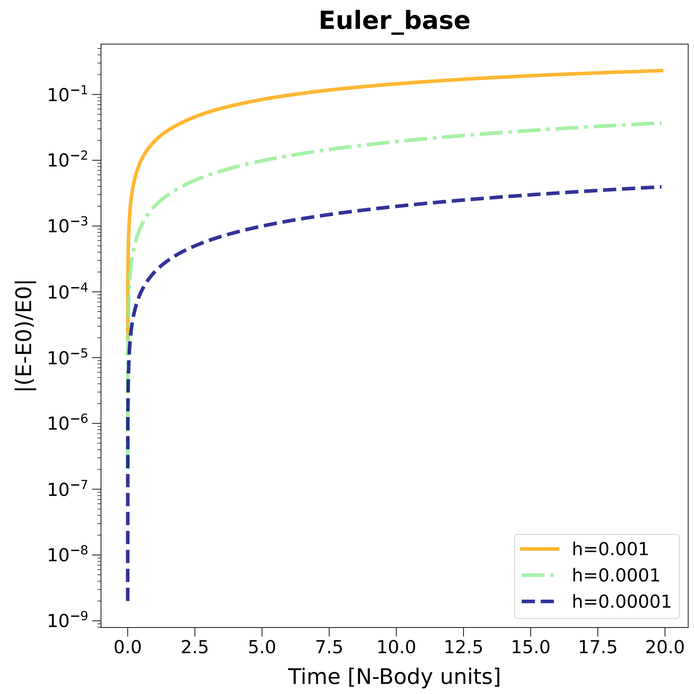


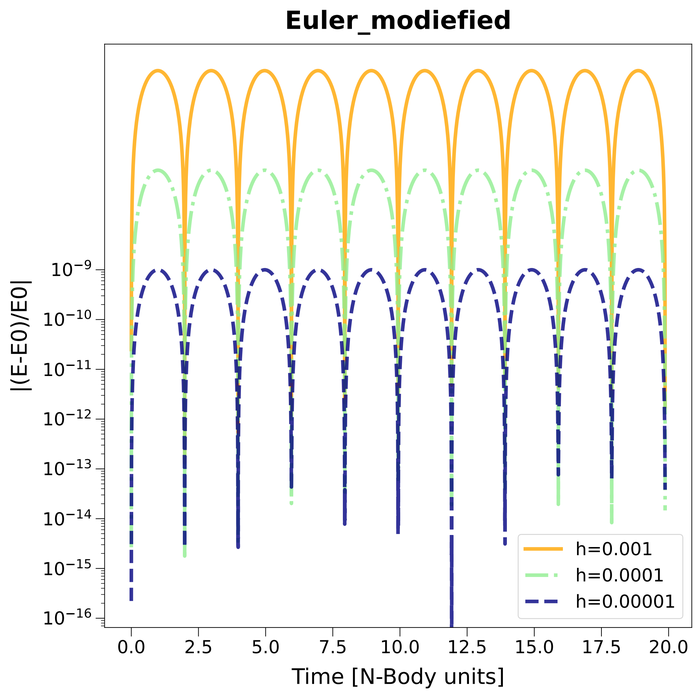


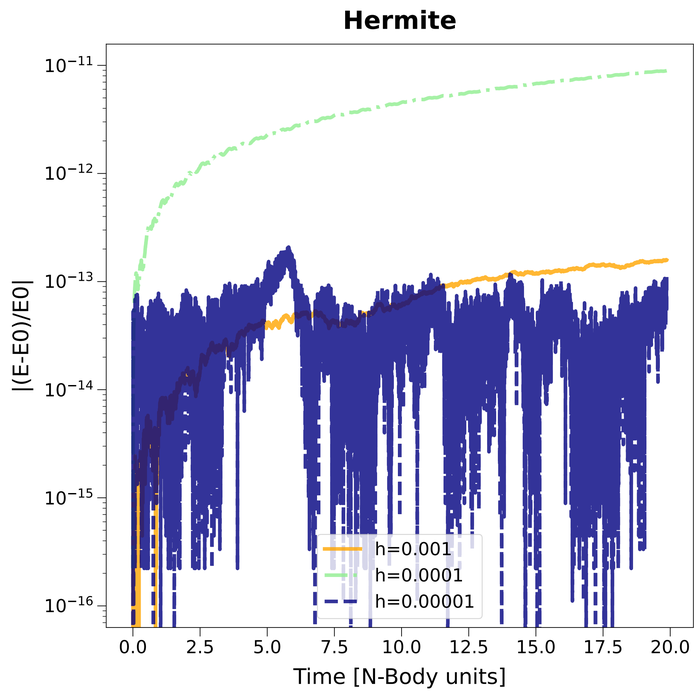


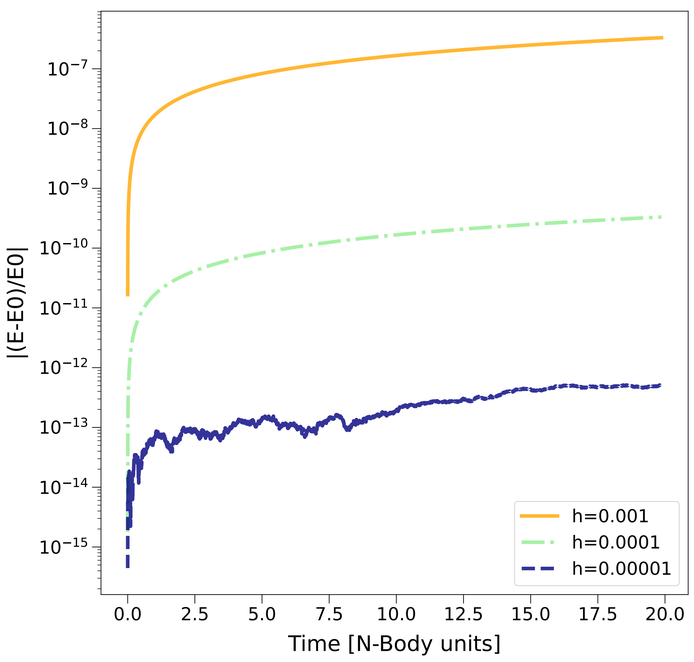


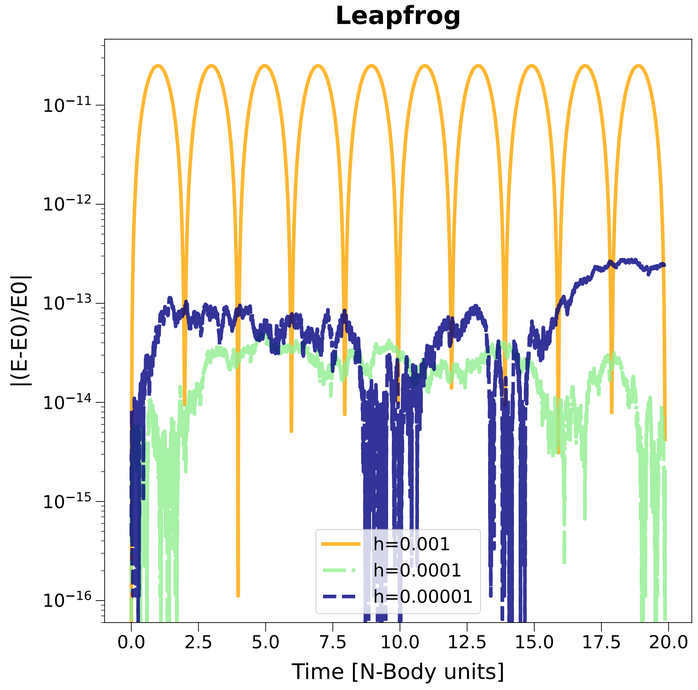
|ΔE/E| Evolution
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)

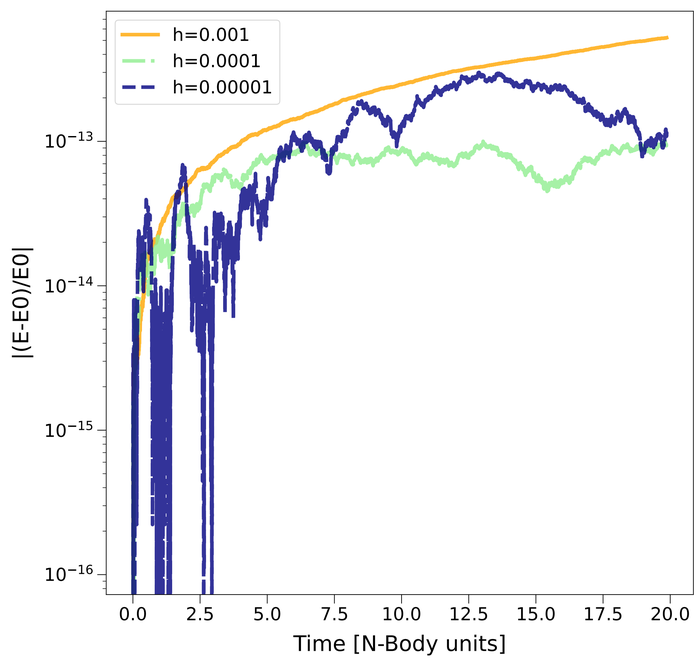


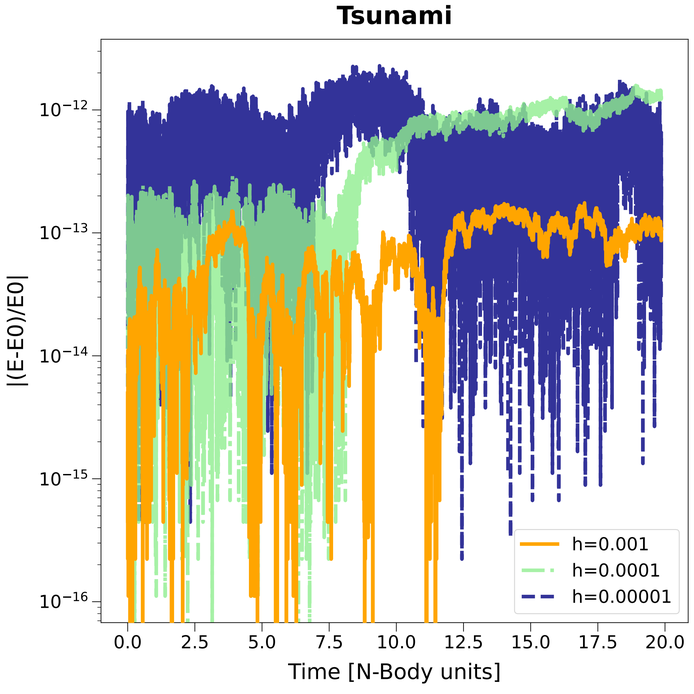




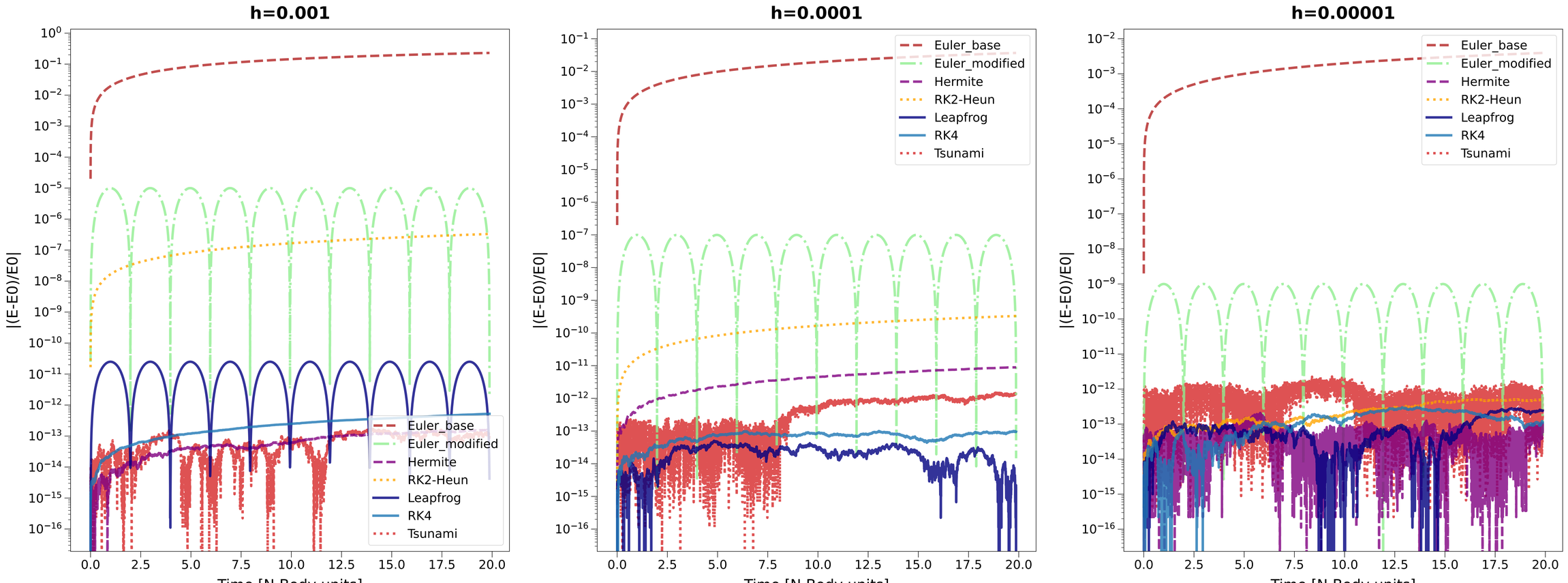






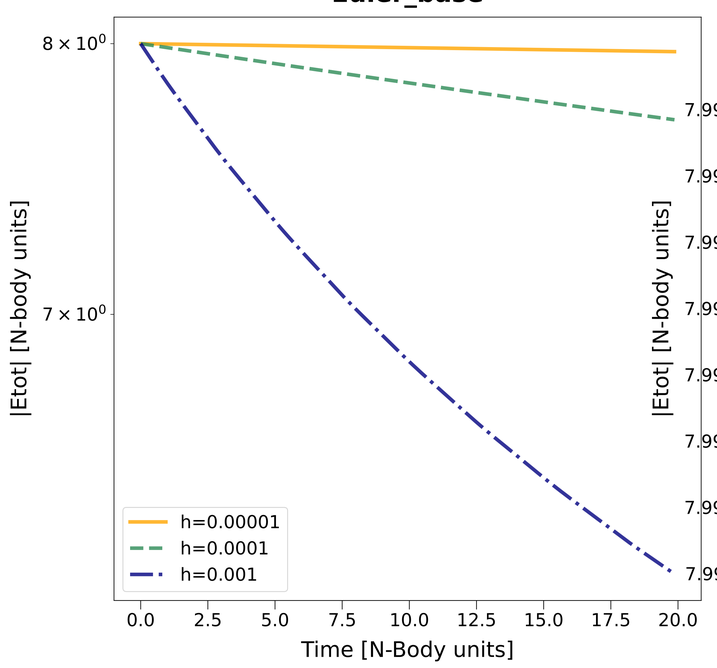


|ΔE/E| Evolution
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)

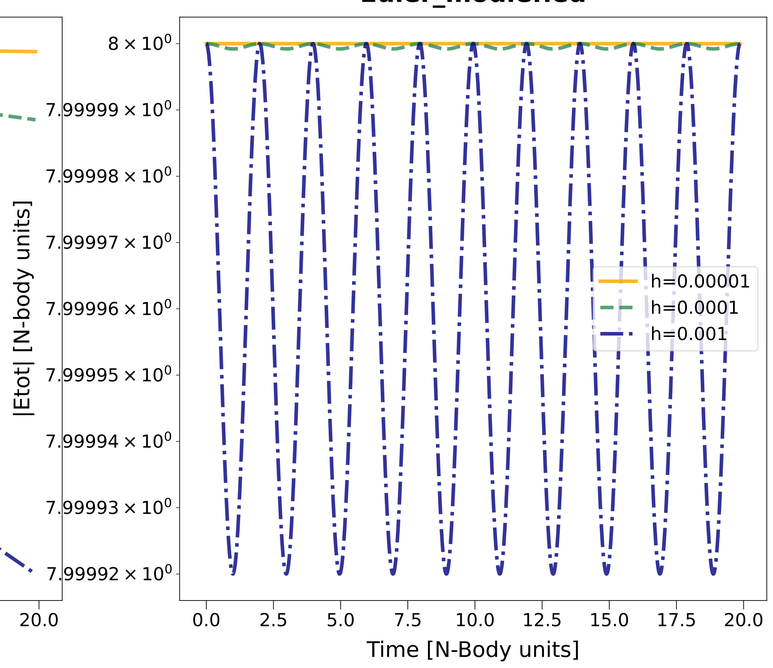


Total Energy Evolution
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)

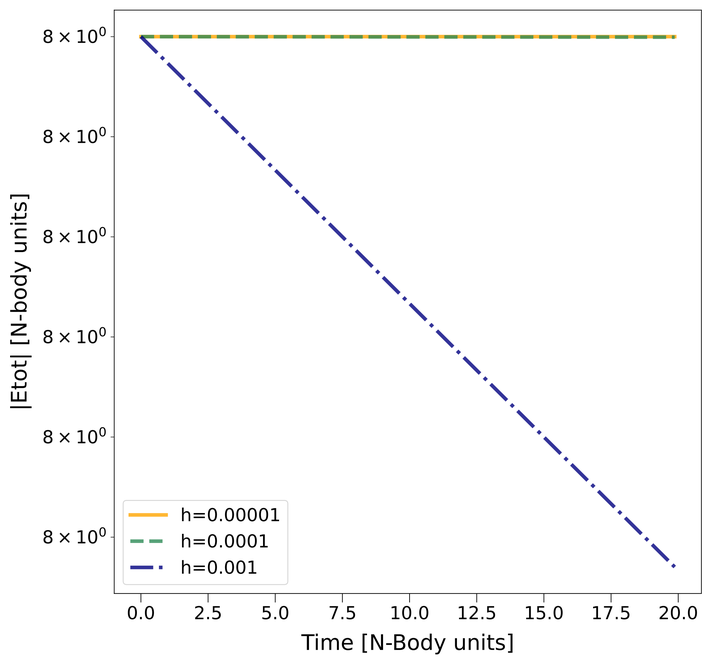
Euler_base



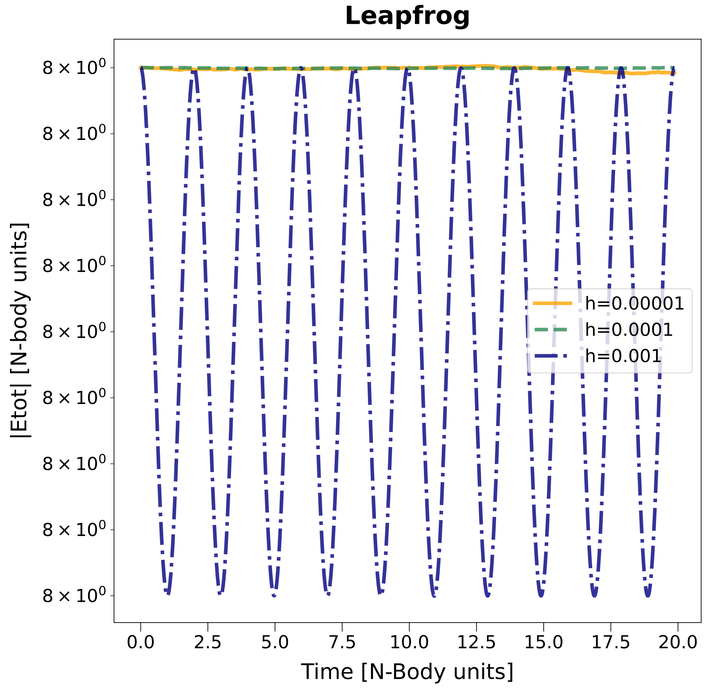
Euler_modiefied



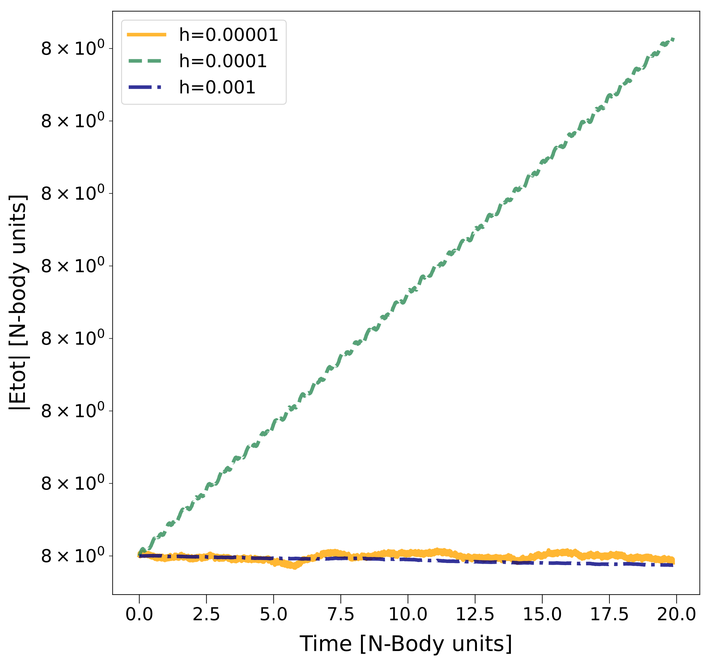
RK2-Heun



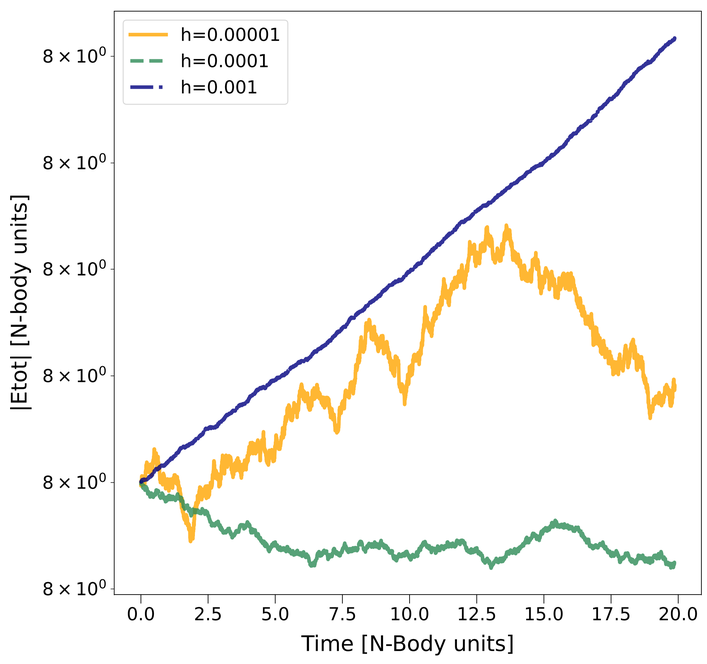
Leapfrog



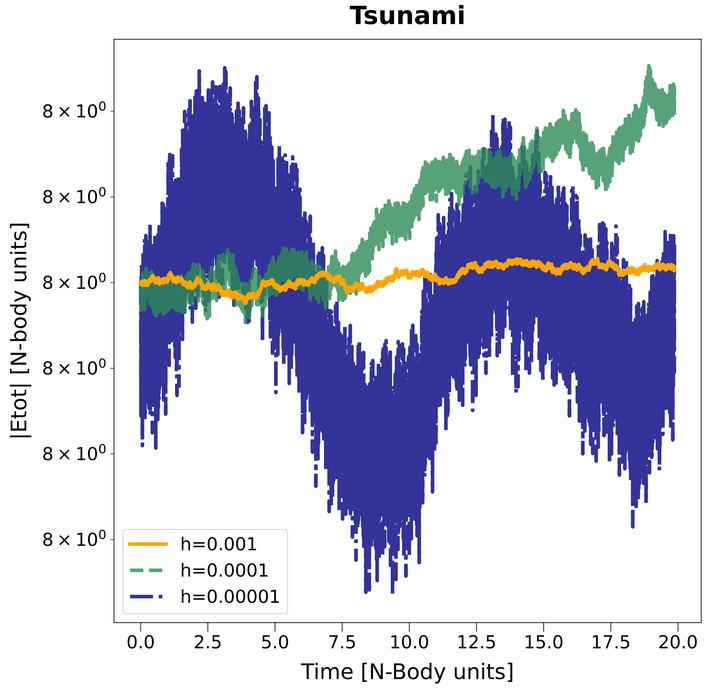
Hermite

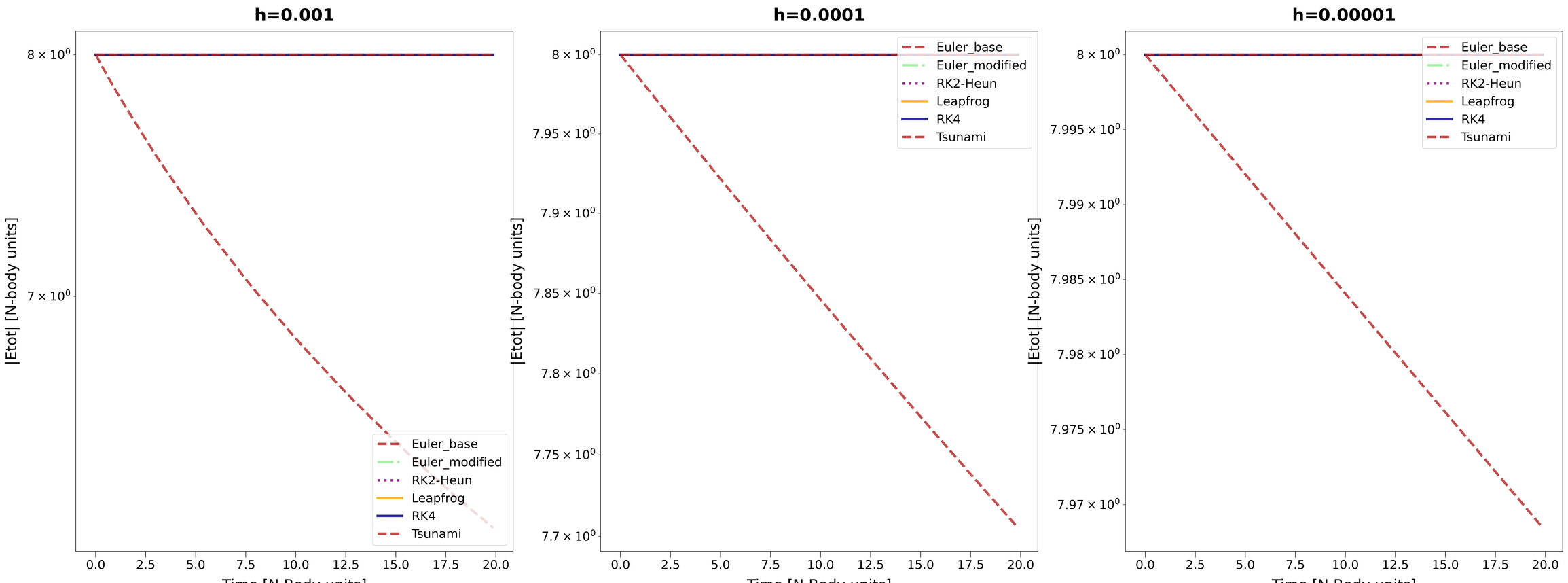


RK4

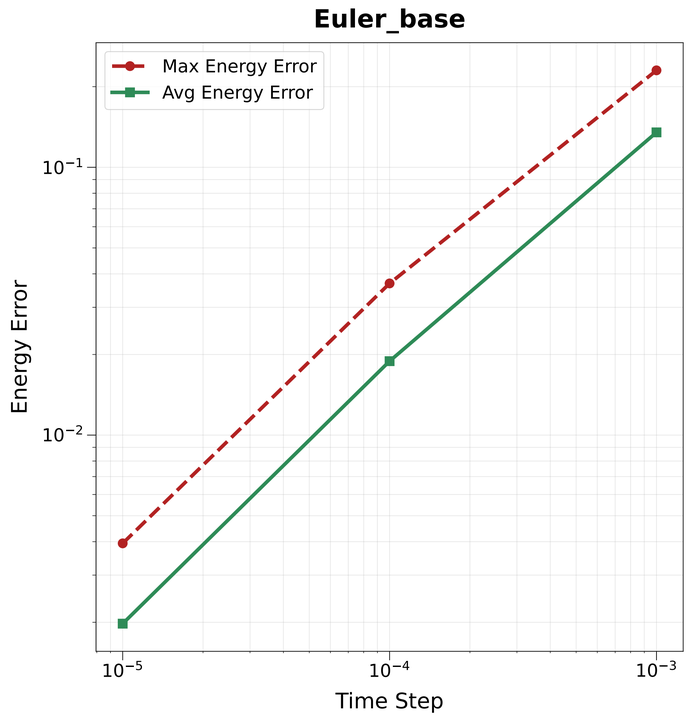


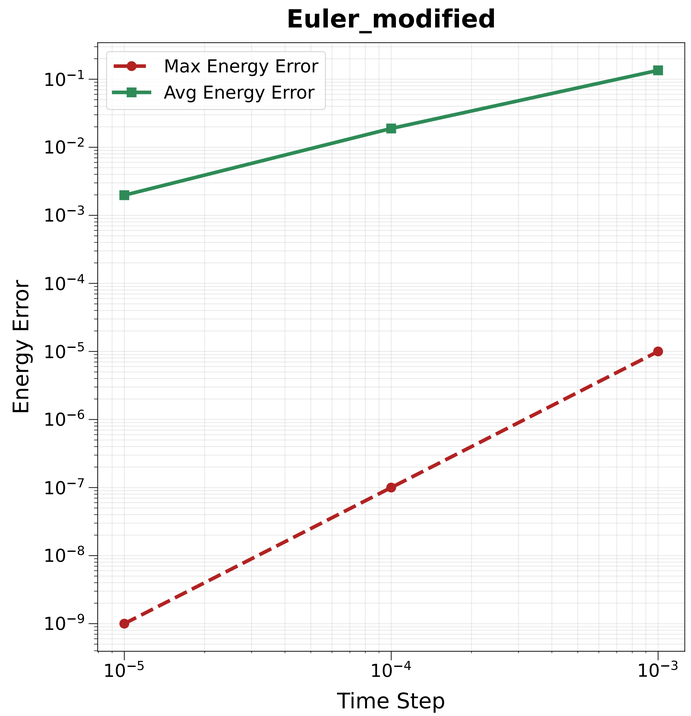
Tsunami

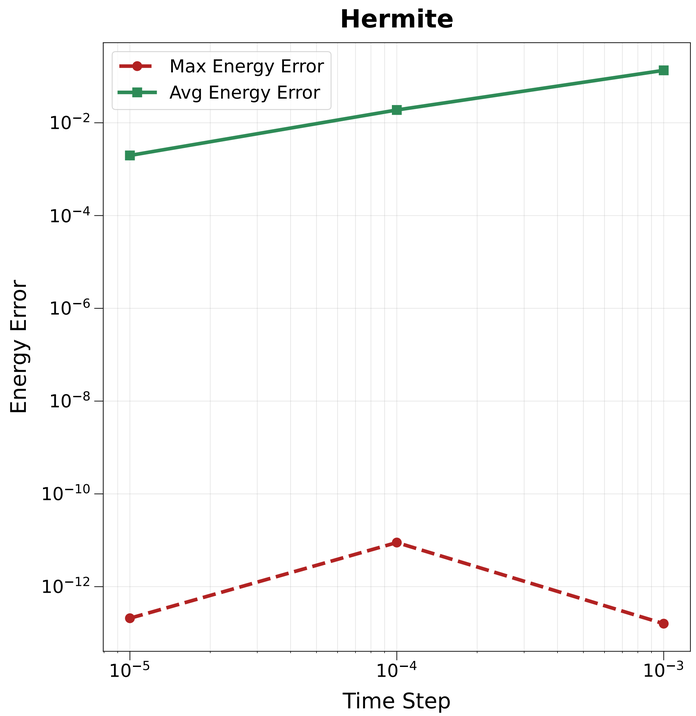


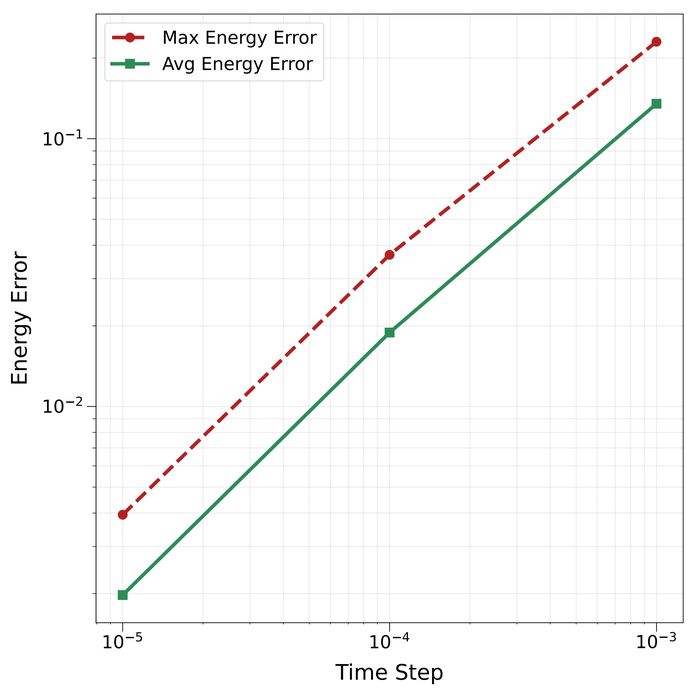

Total Energy Evolution
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)
h=0.001
h=0.0001
h=0.00001
|Etot| [N-body units]
Time [N-Body units]
Euler_base
Euler_modified
RK2-Heun
Leapfrog
RK4
Tsunami

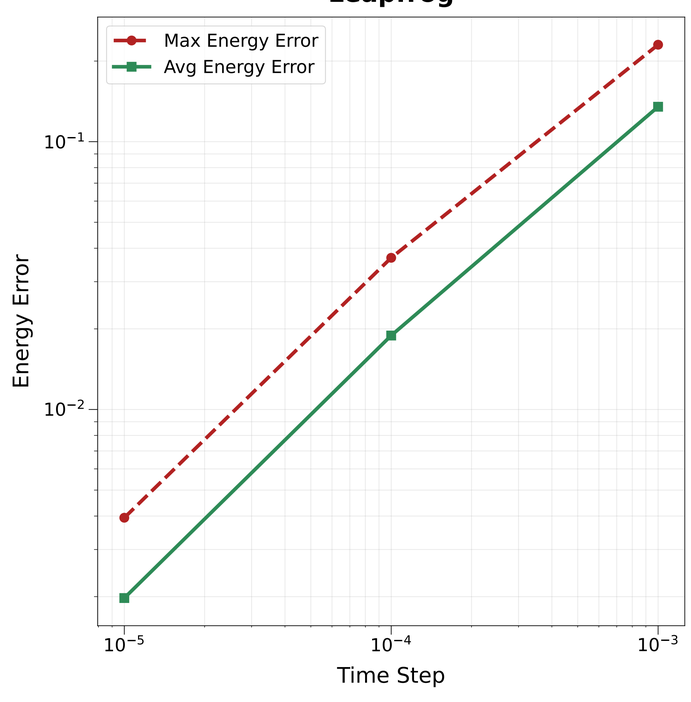
Energy Error vs. Time Step
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)

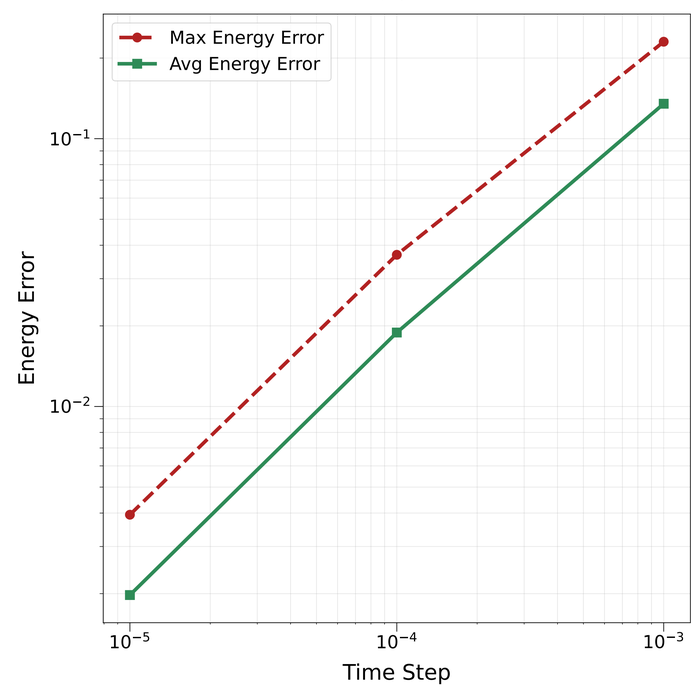




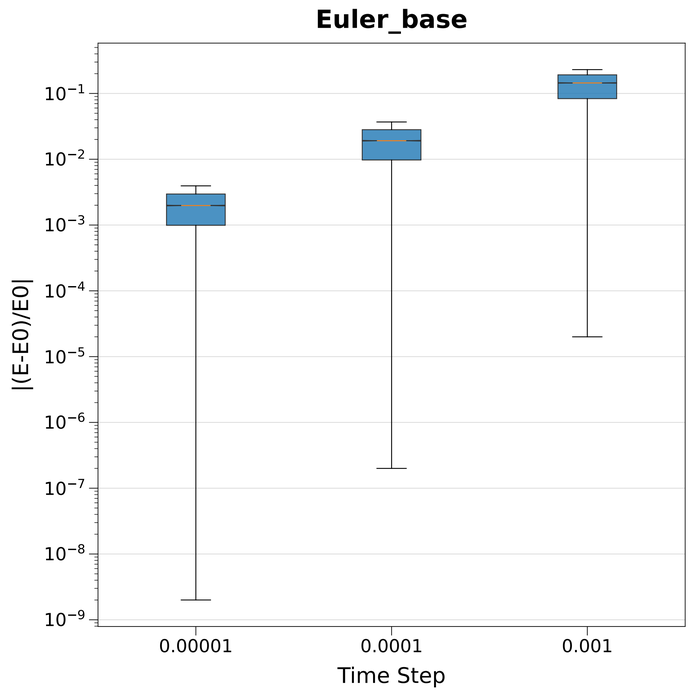


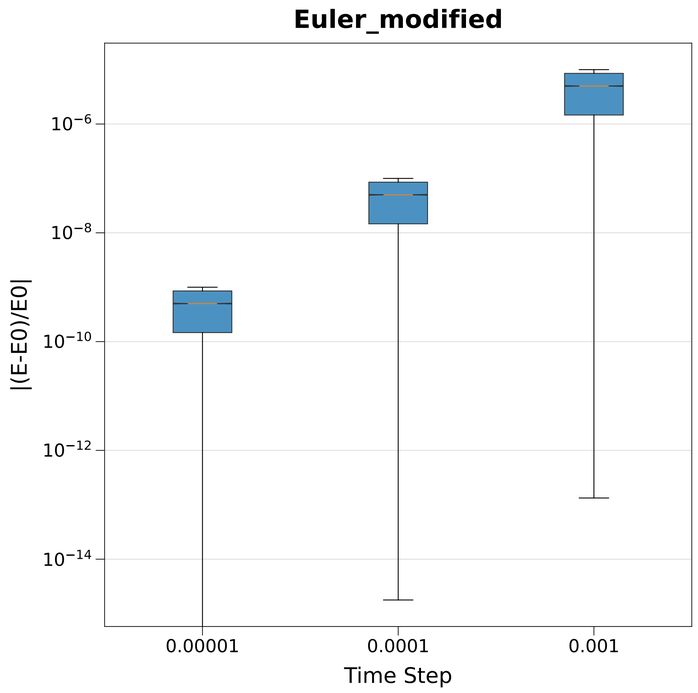


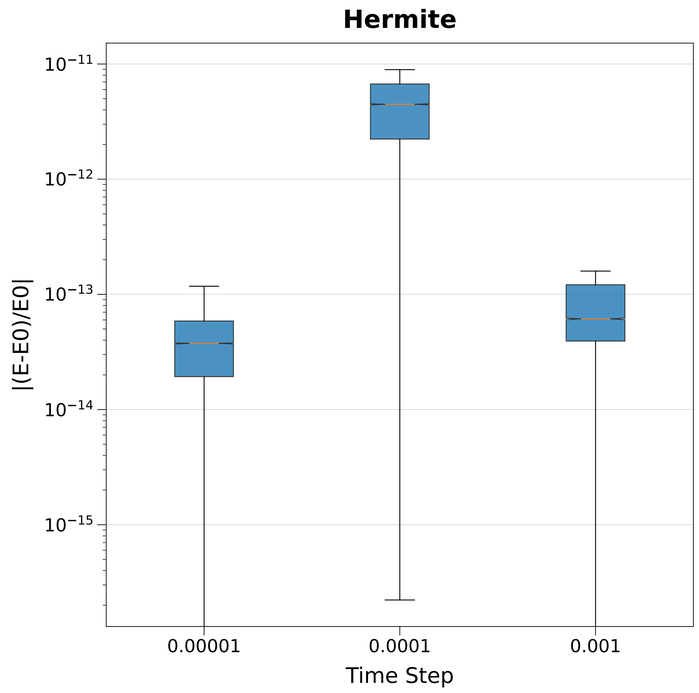


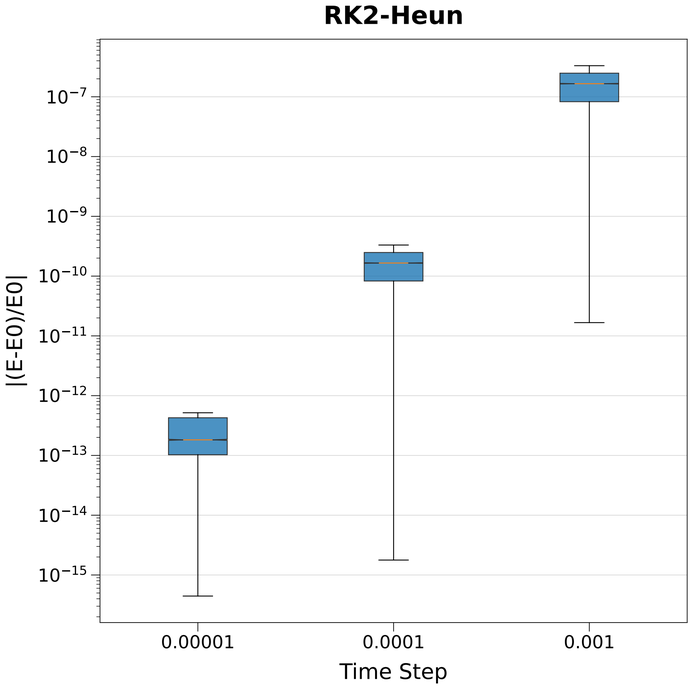


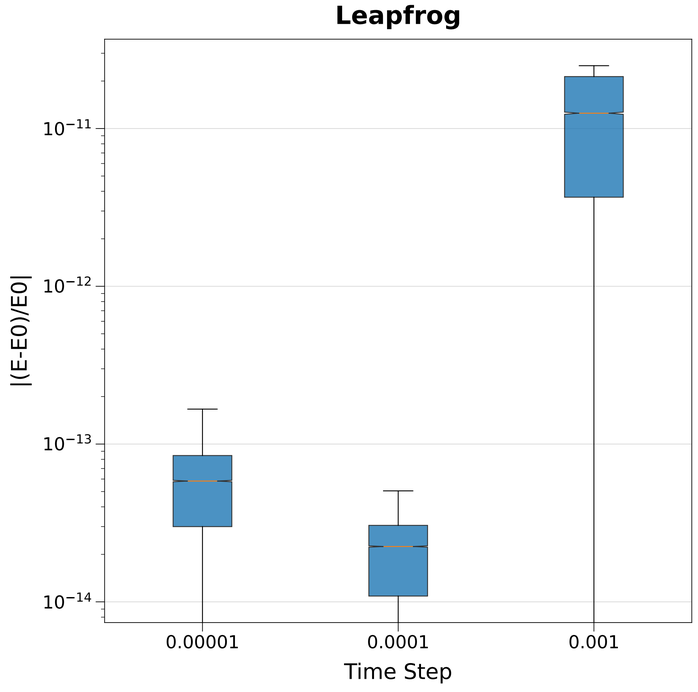
Relative Energy Errors
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)

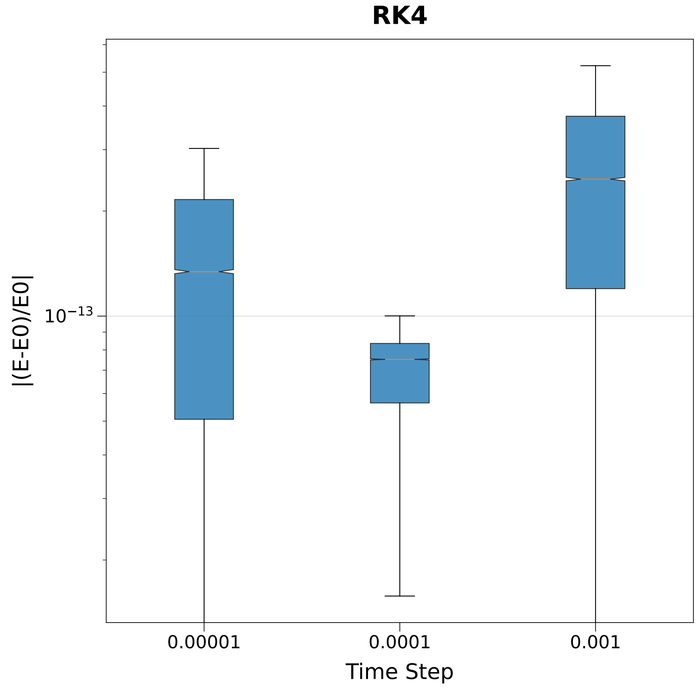


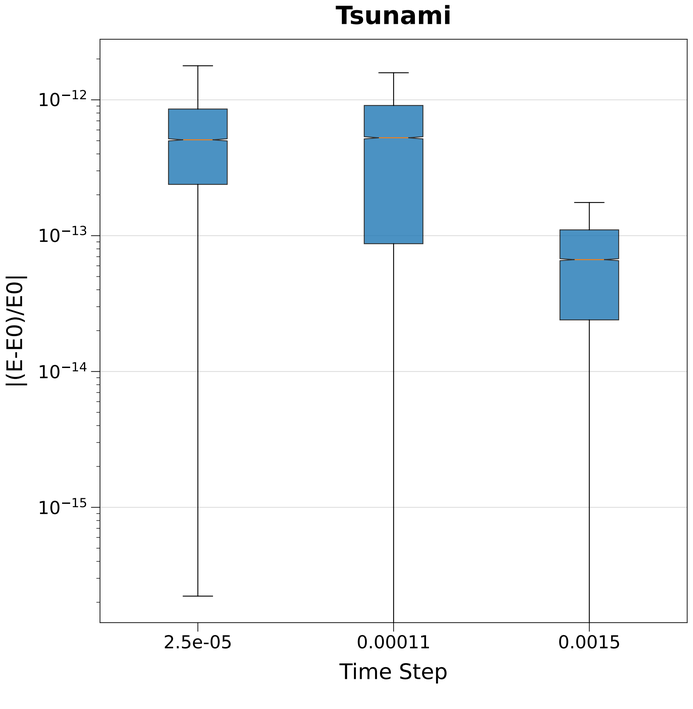












Relative Energy errors
(M1=8.0, M2=2.0, e=0.0, rp=1.00, T=1.99)