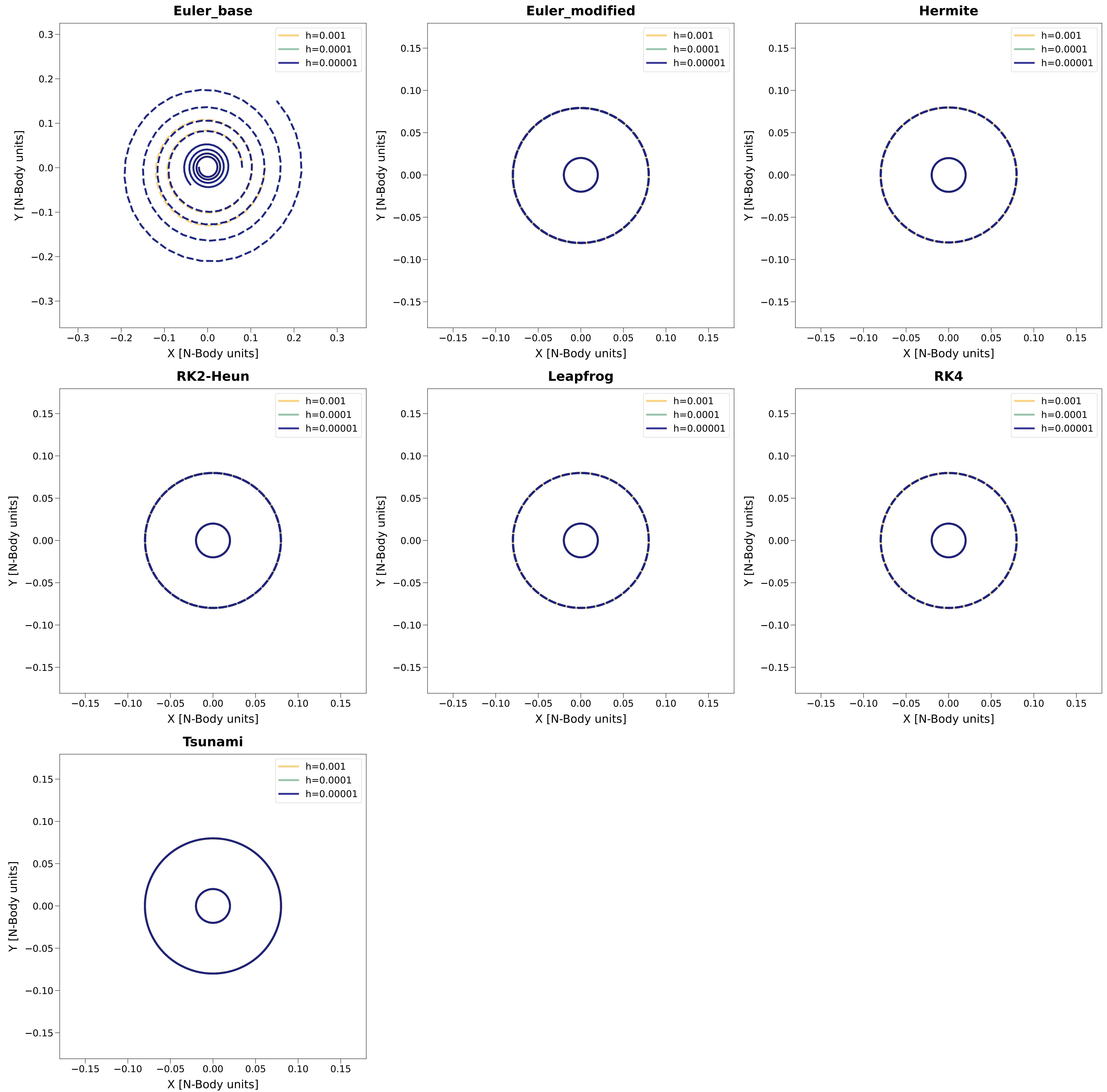
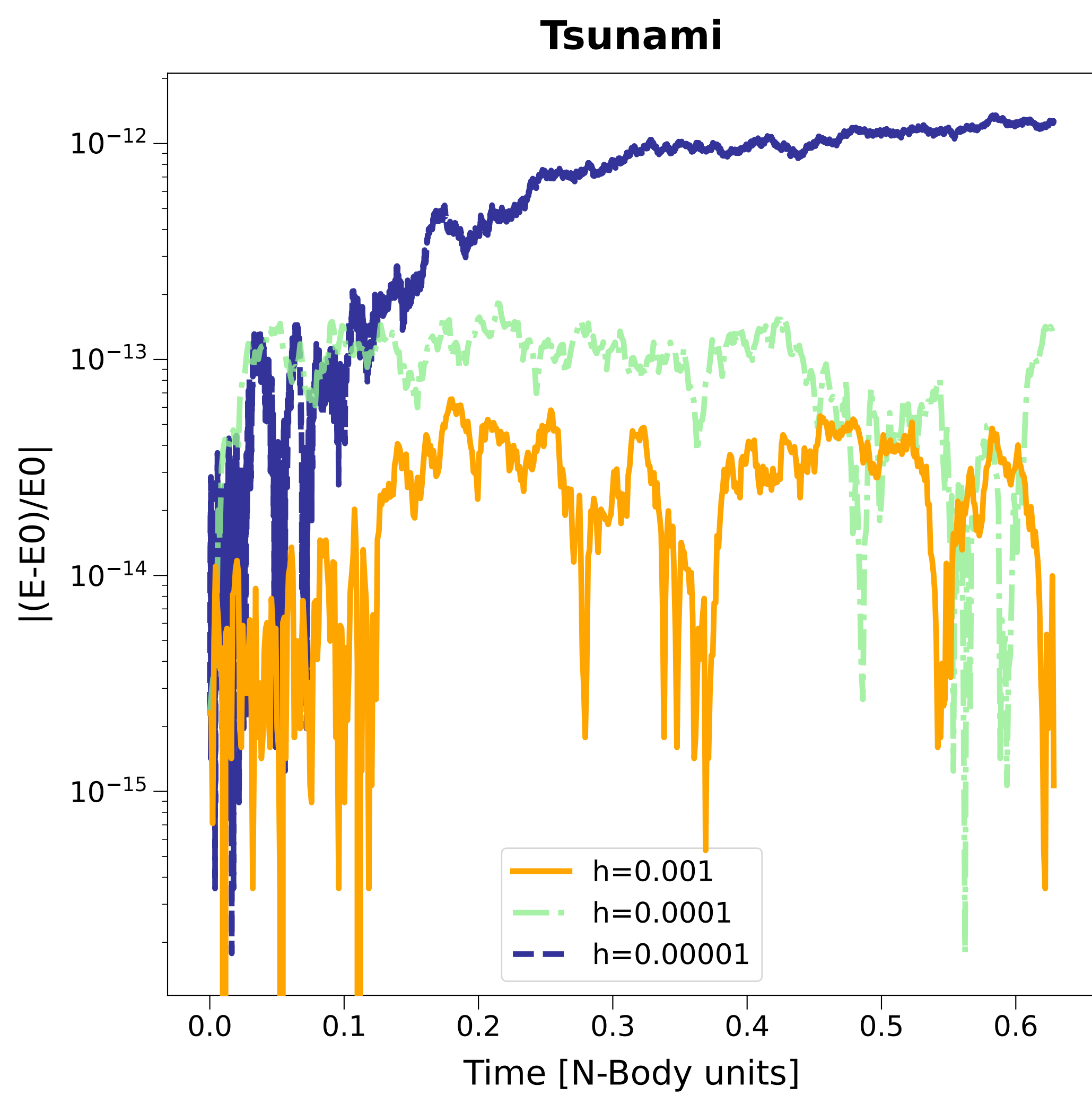
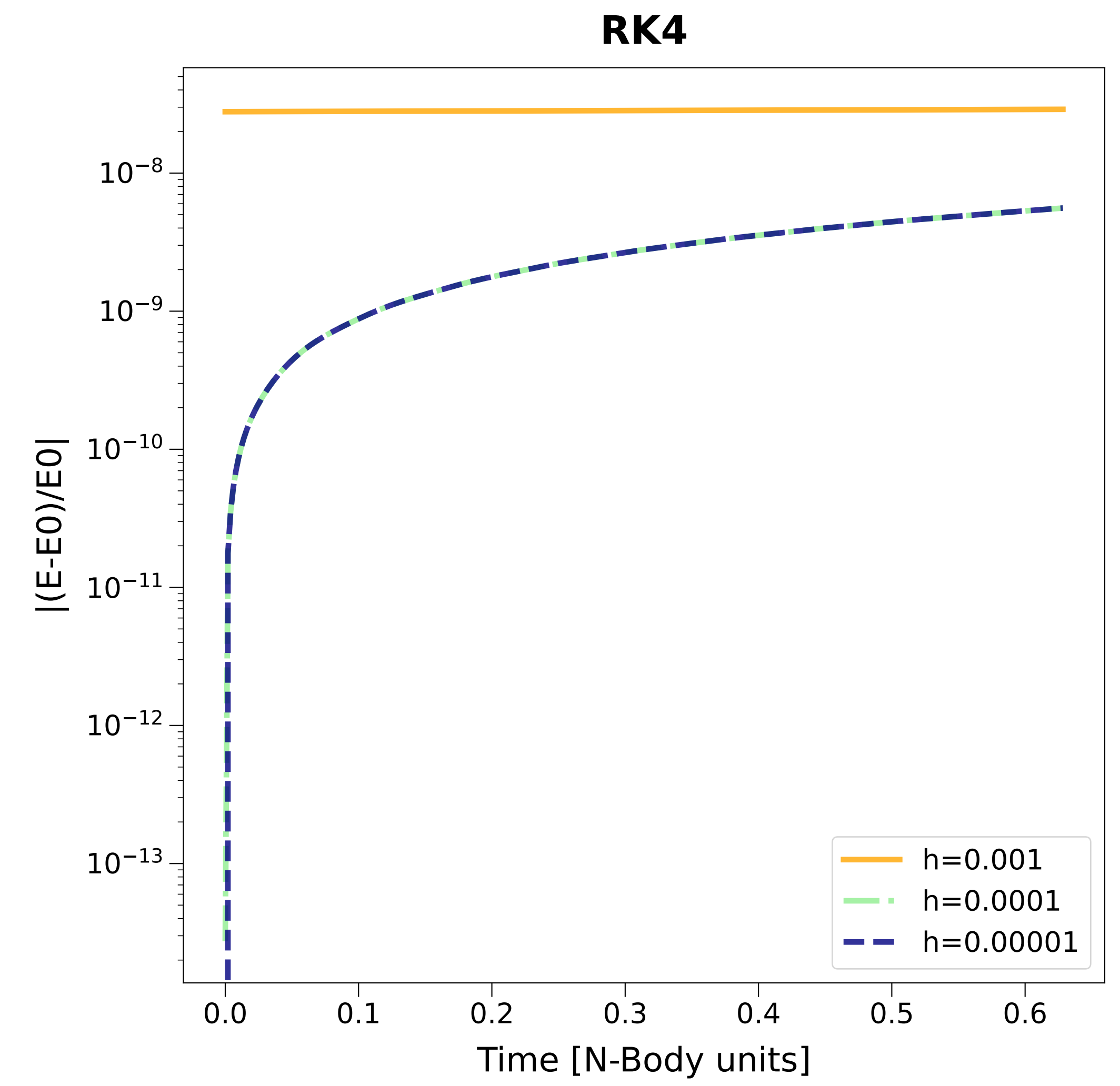
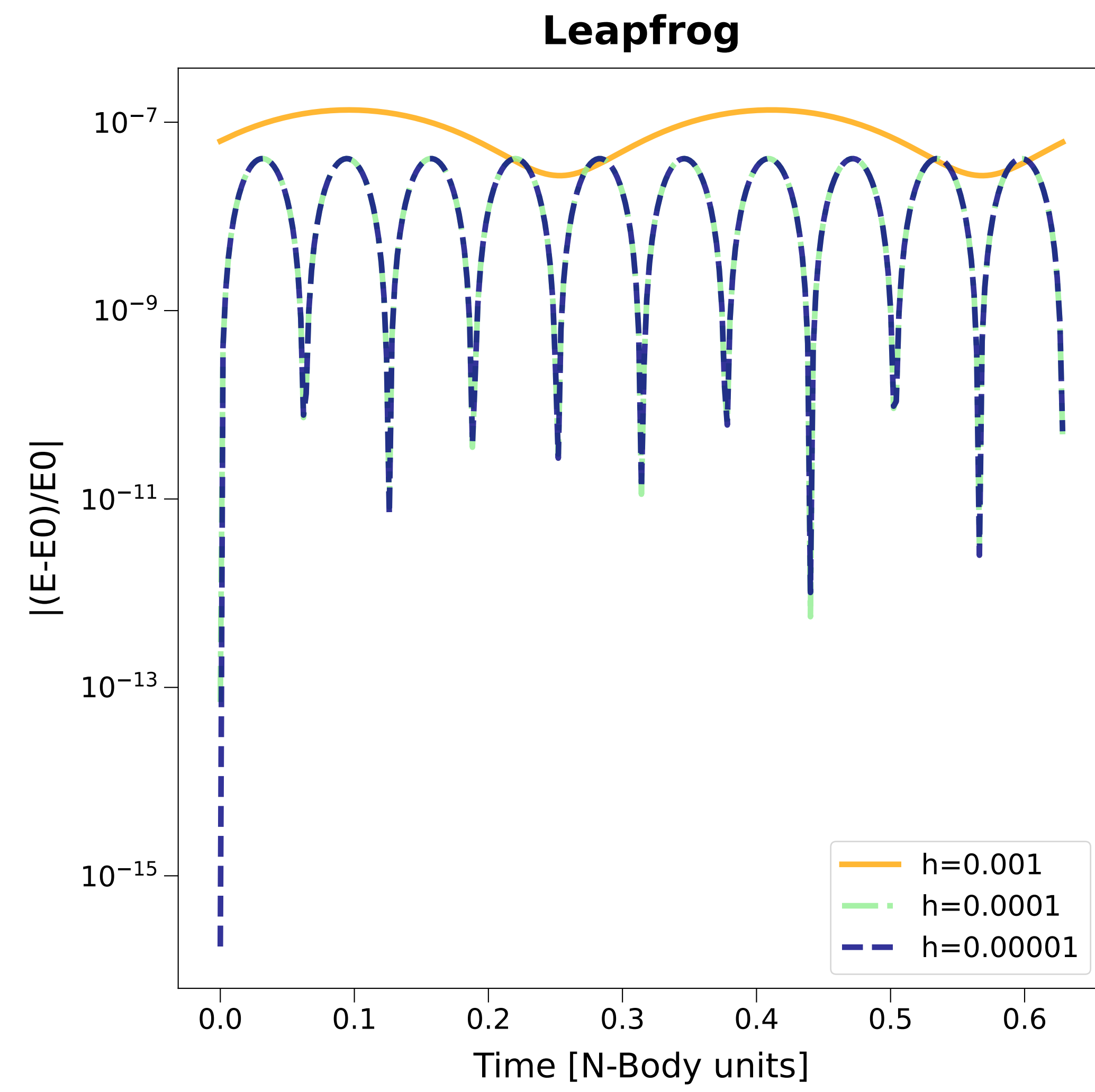
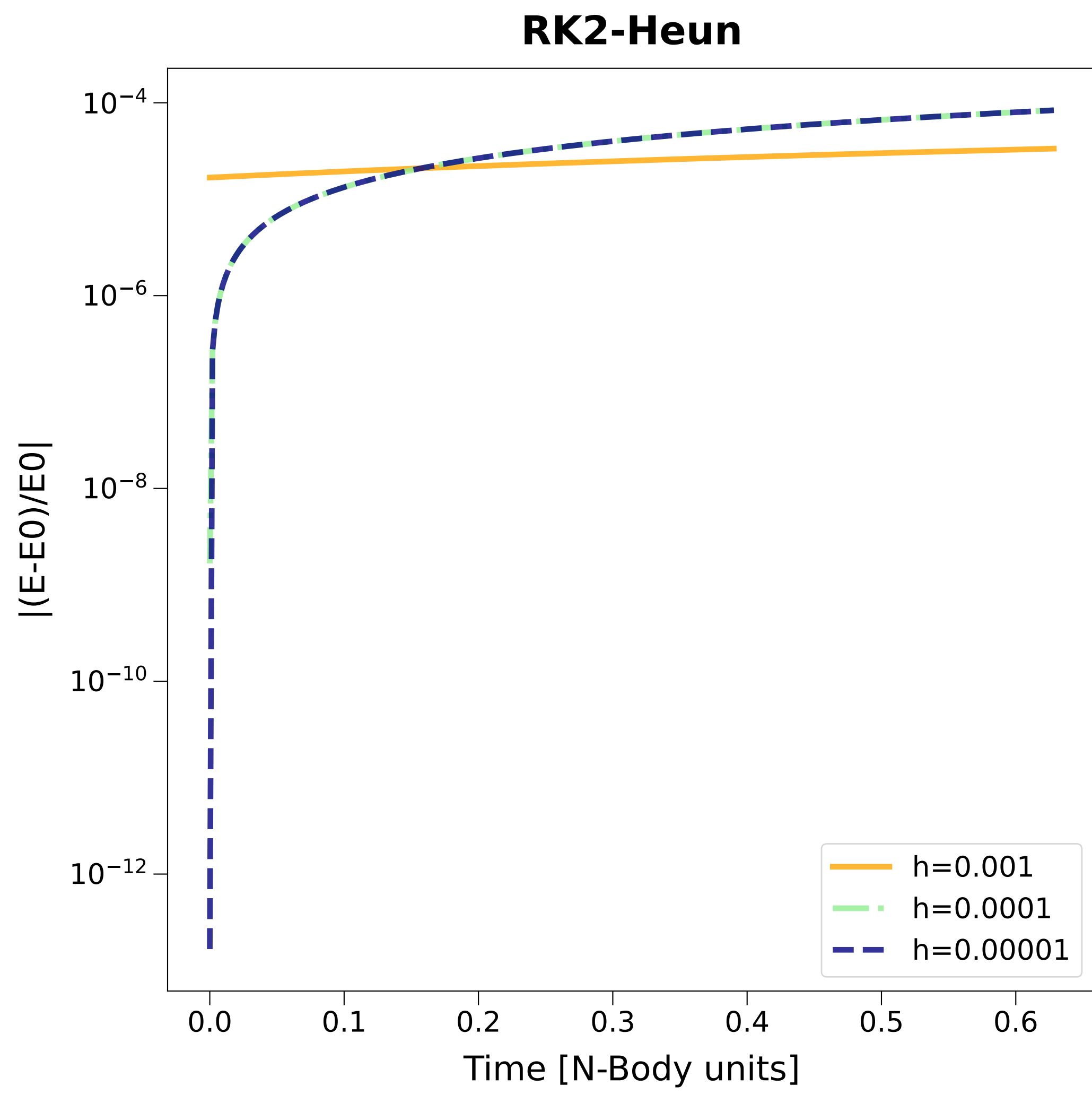
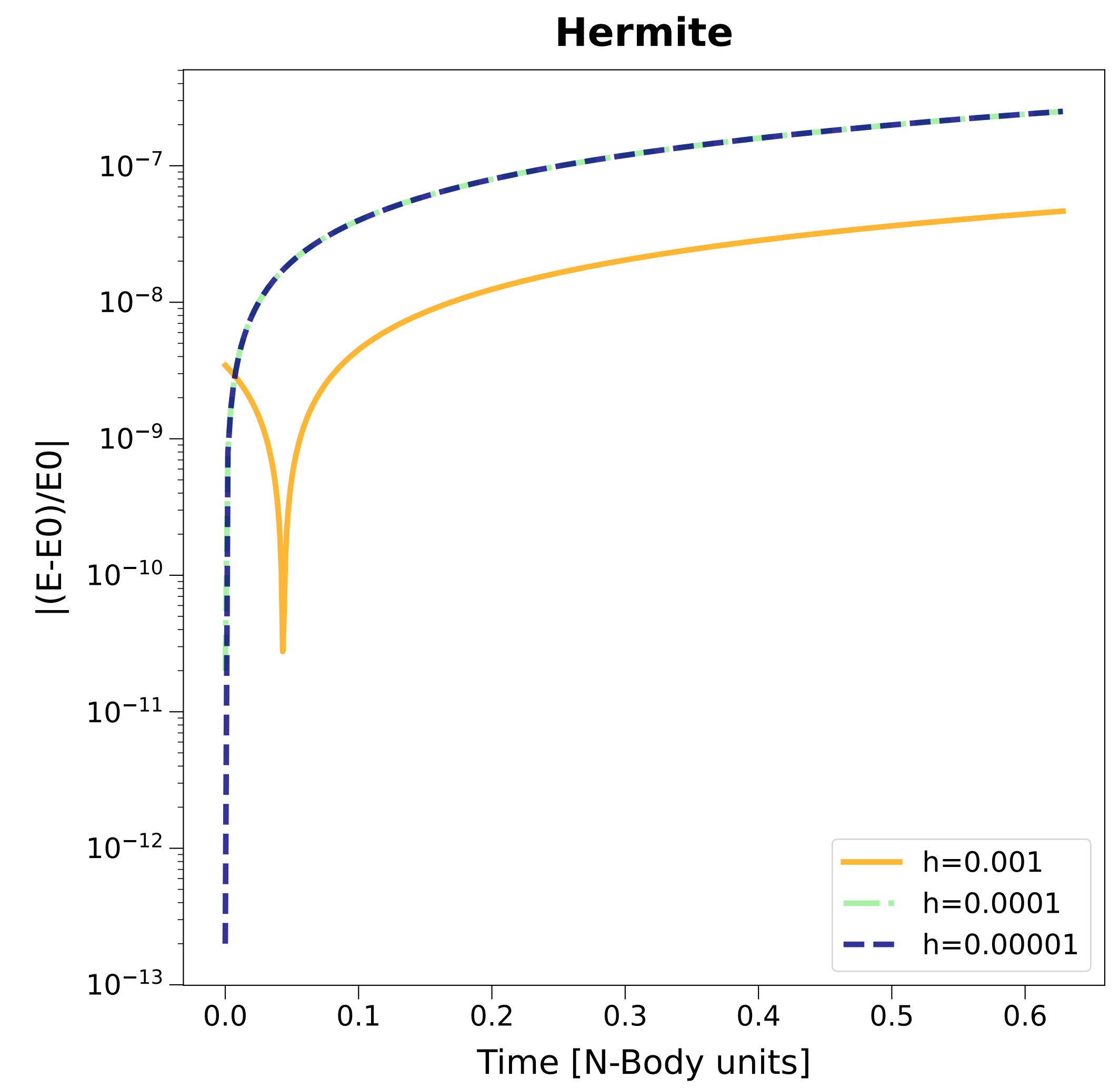
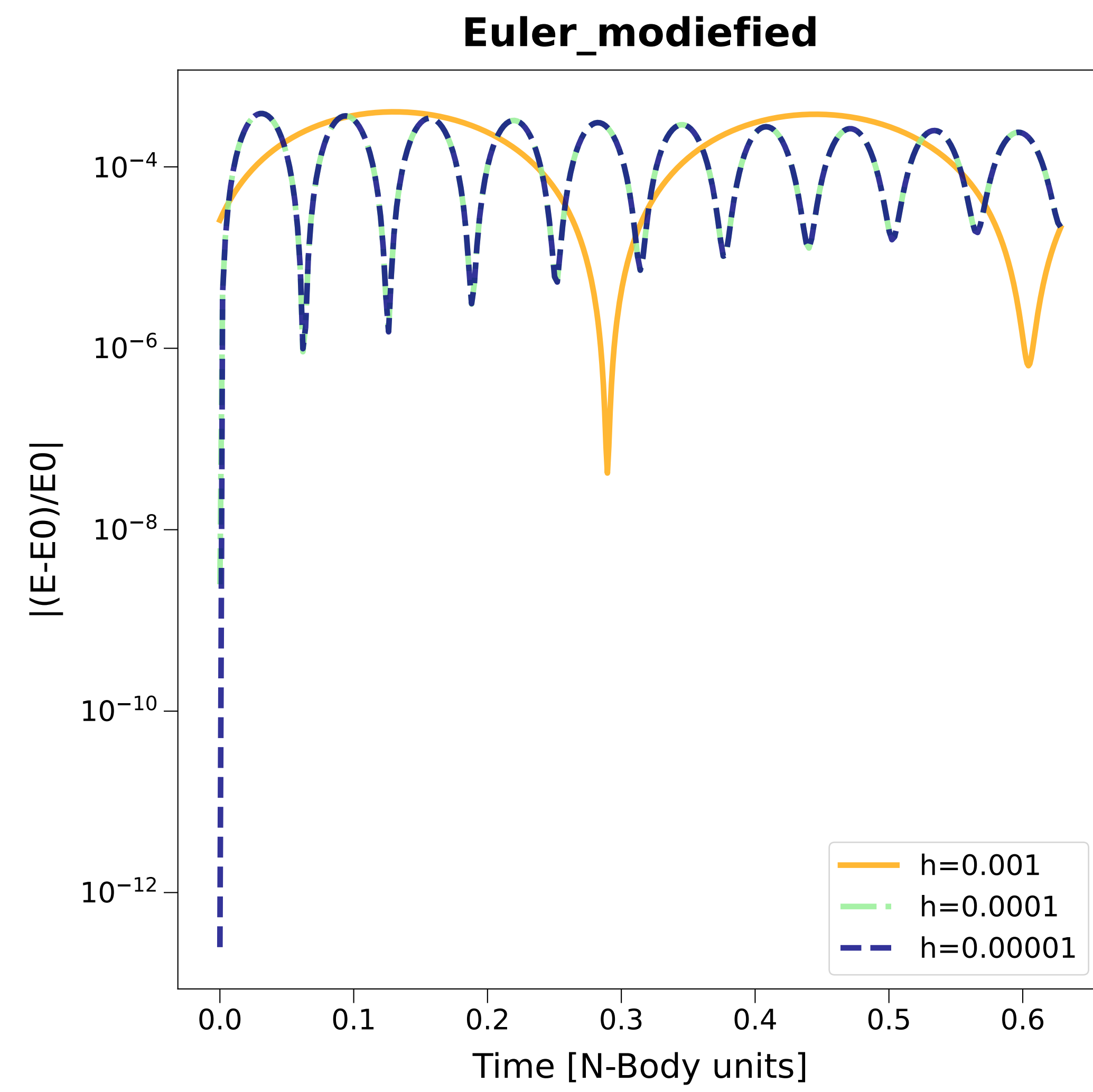
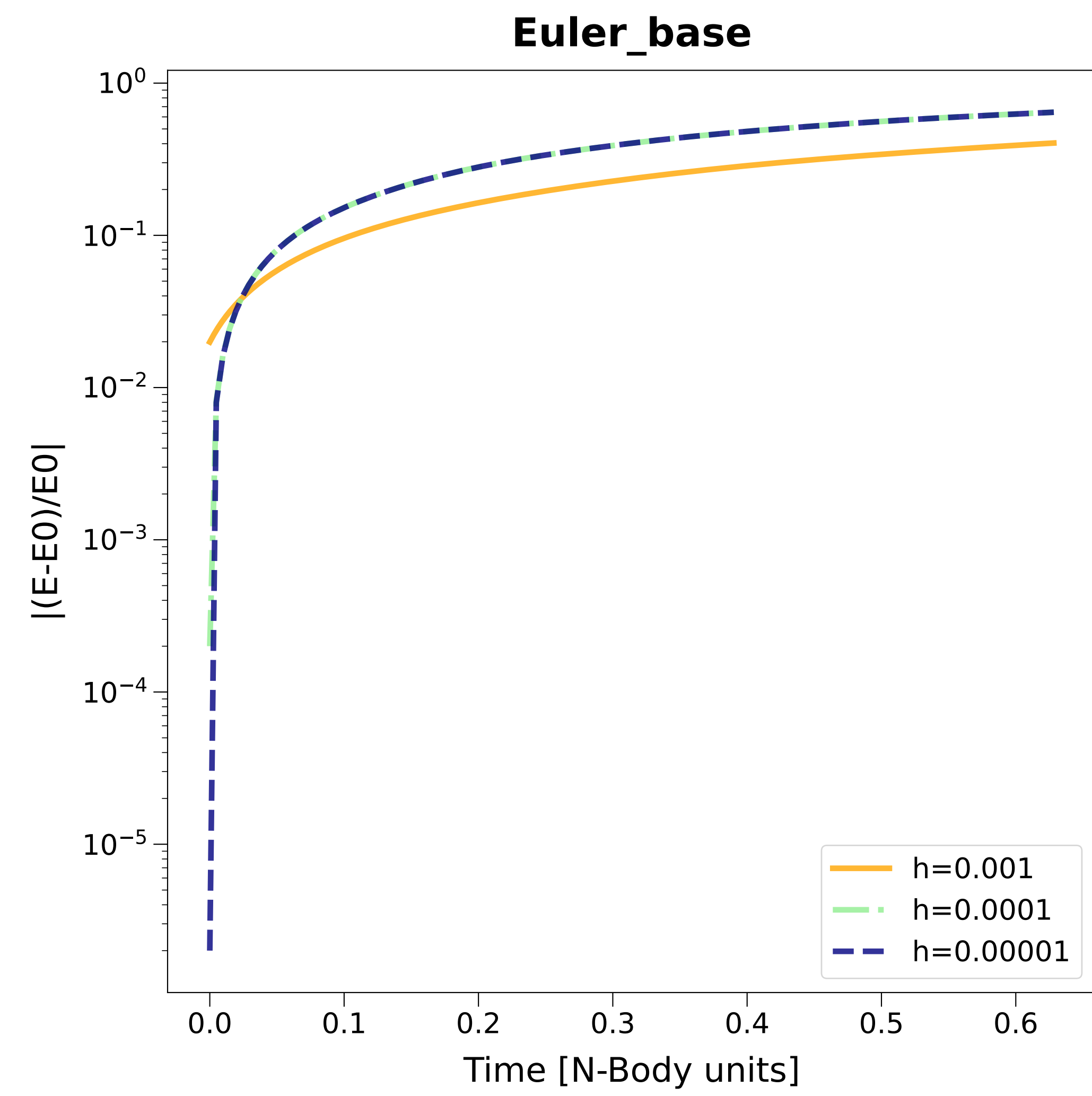


# Position on X-Y Plane (M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)

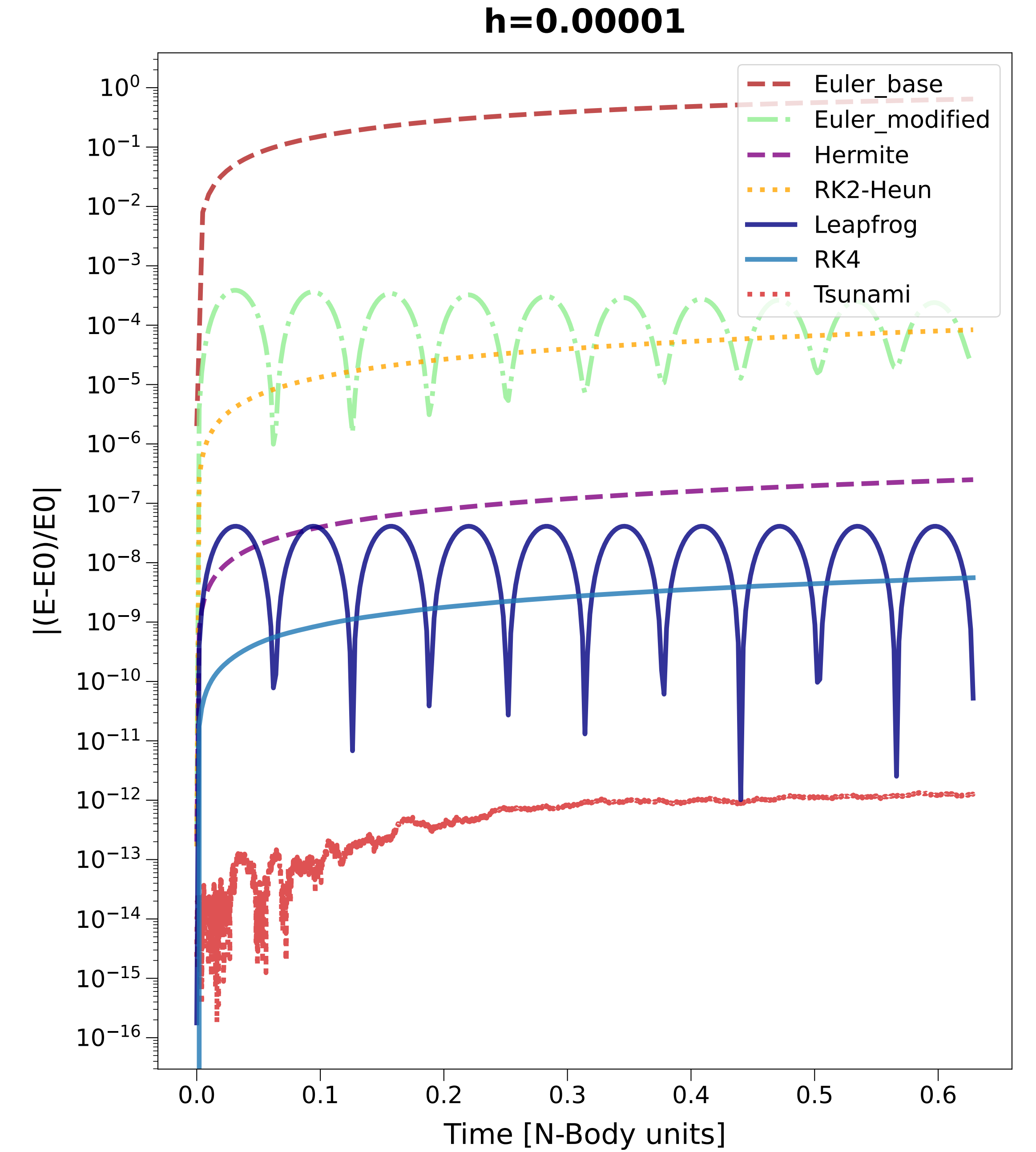
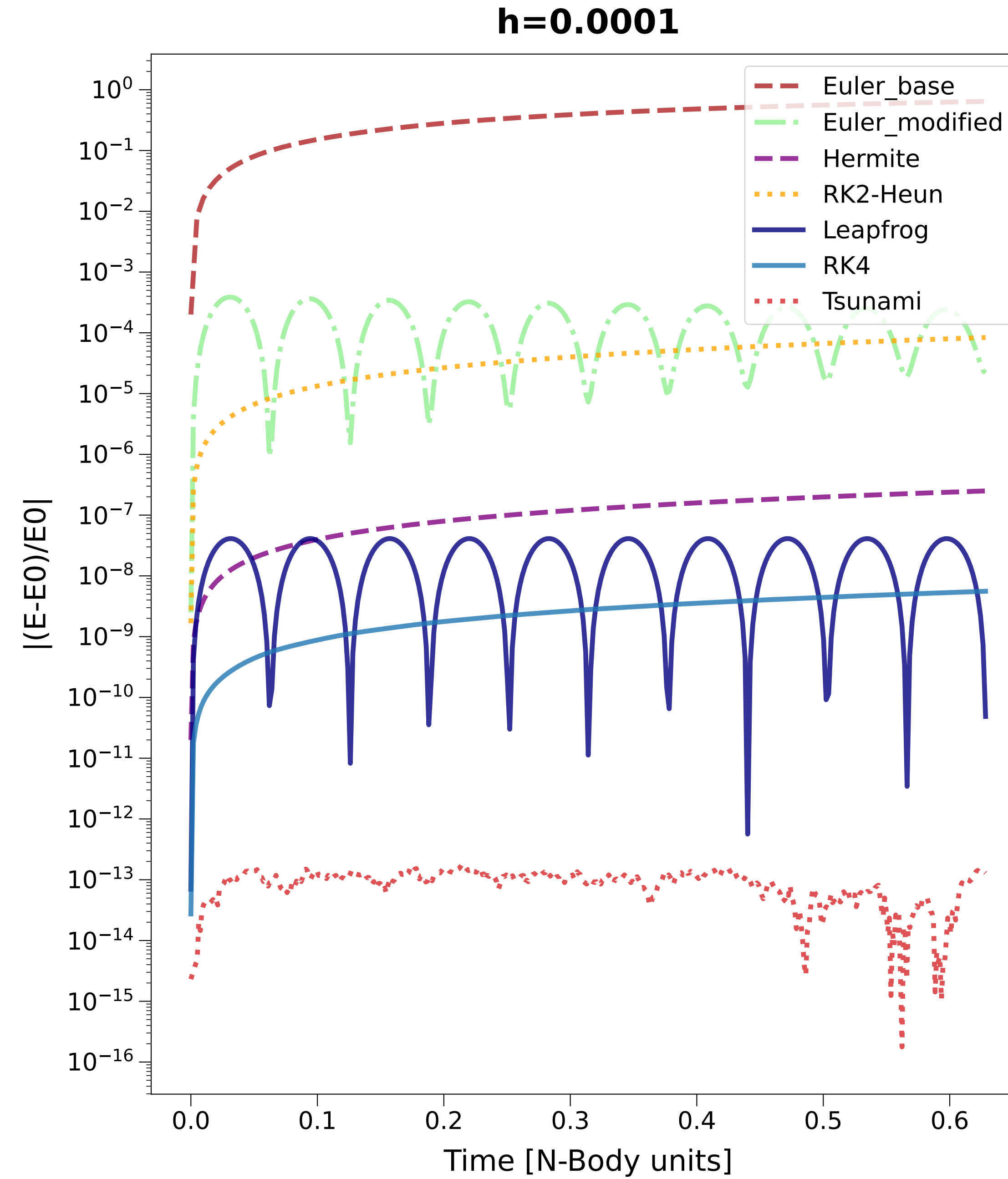
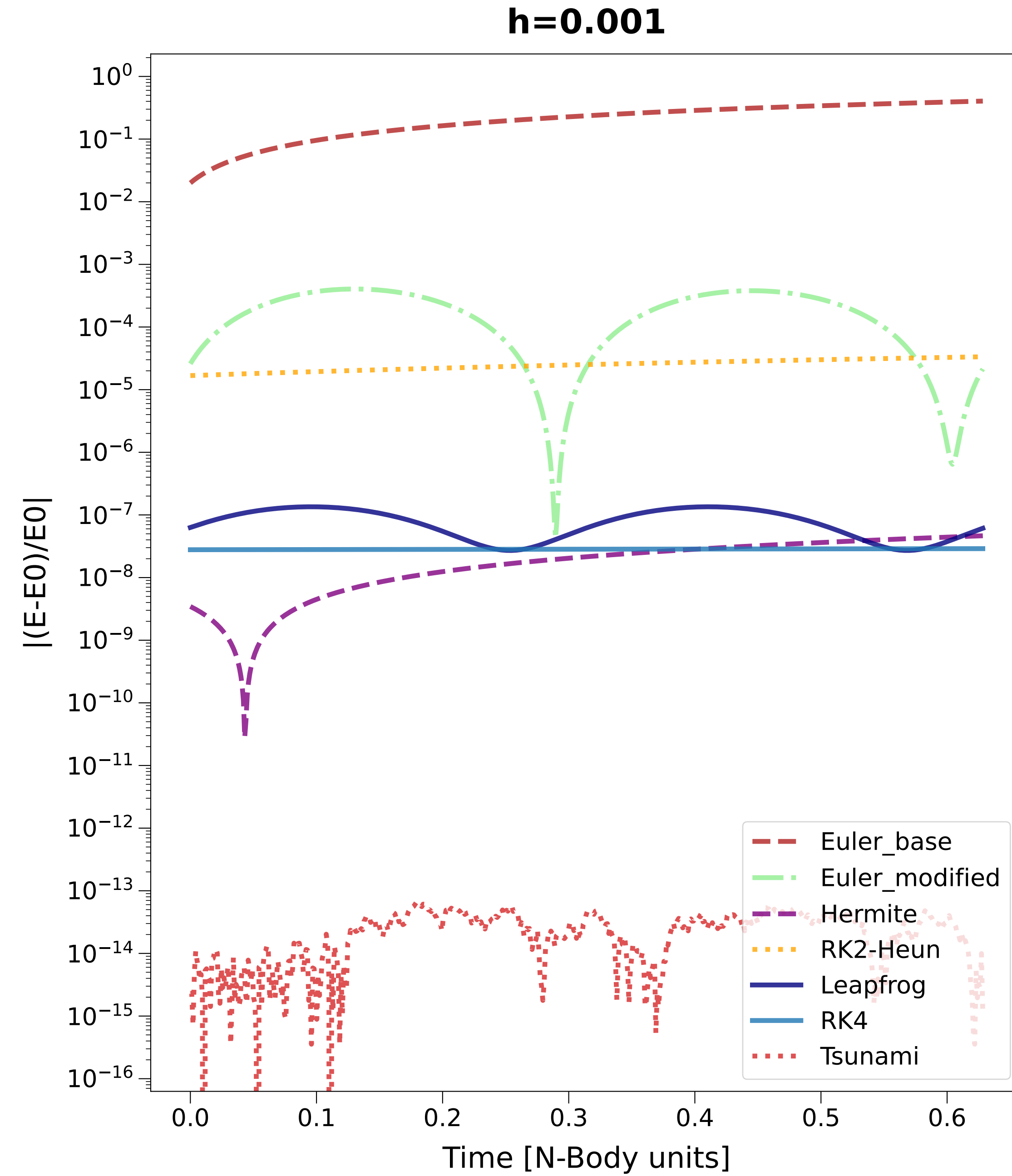


# | $\Delta E/E$ | Evolution (M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)



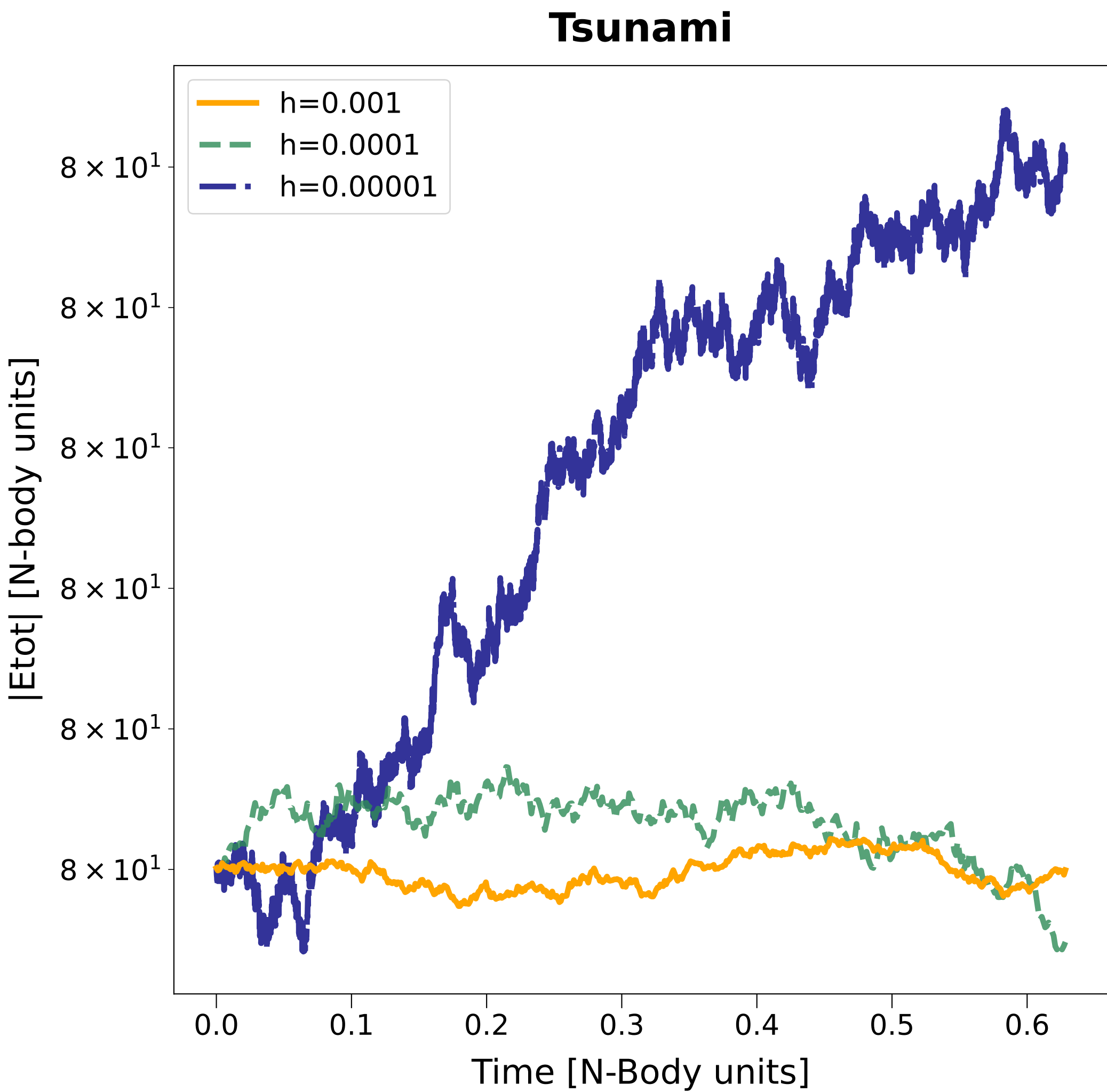
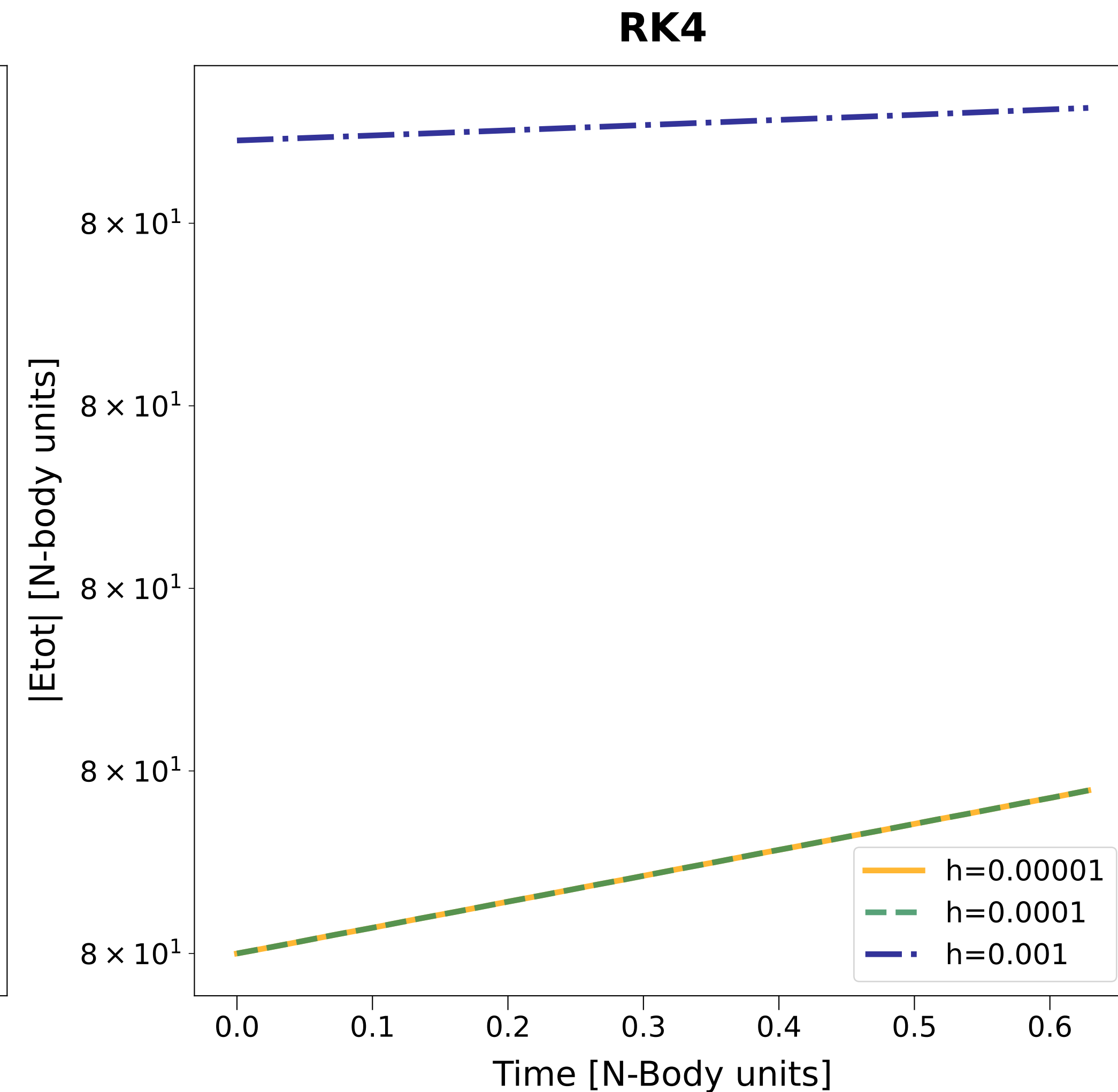
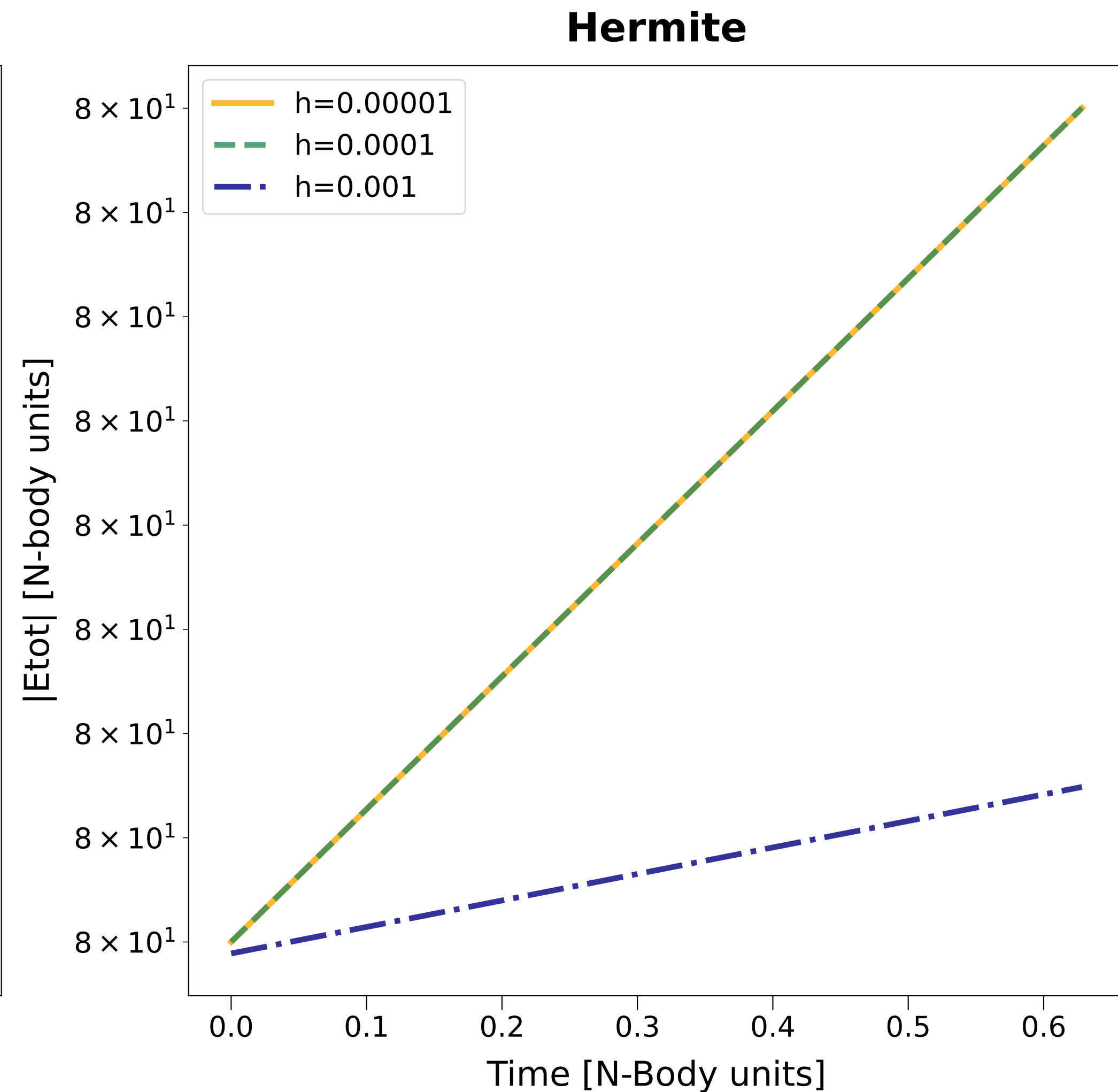
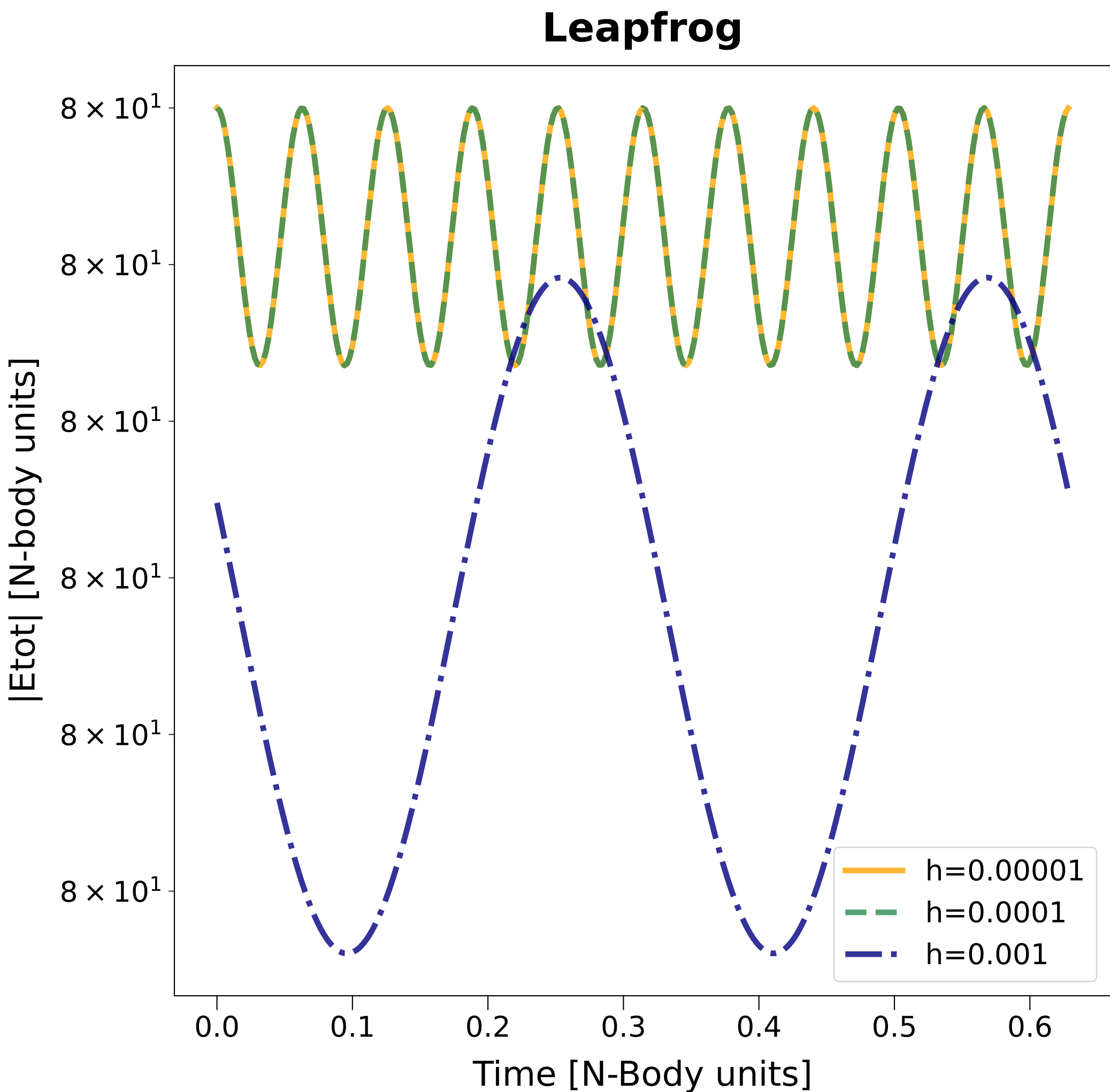
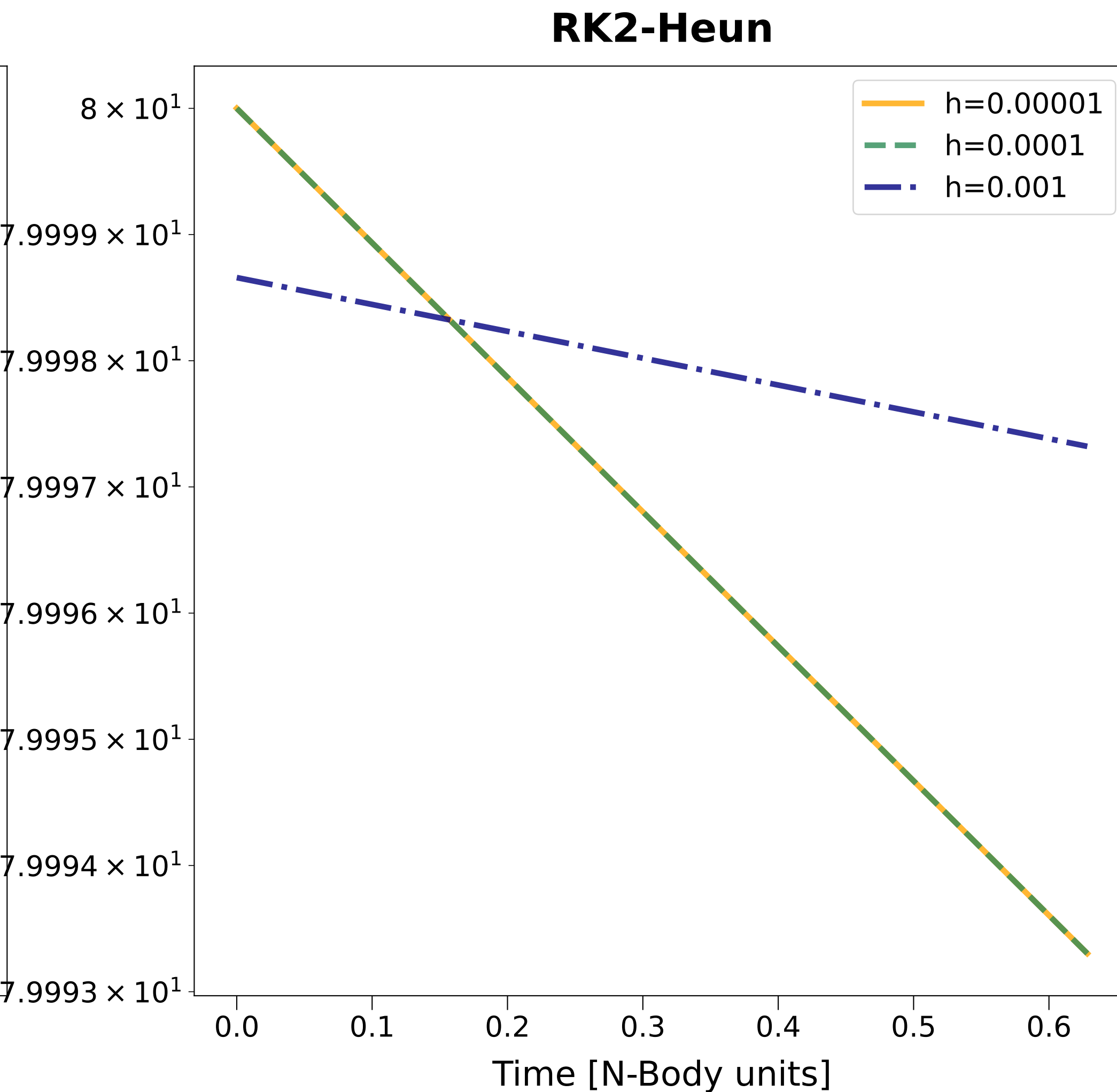
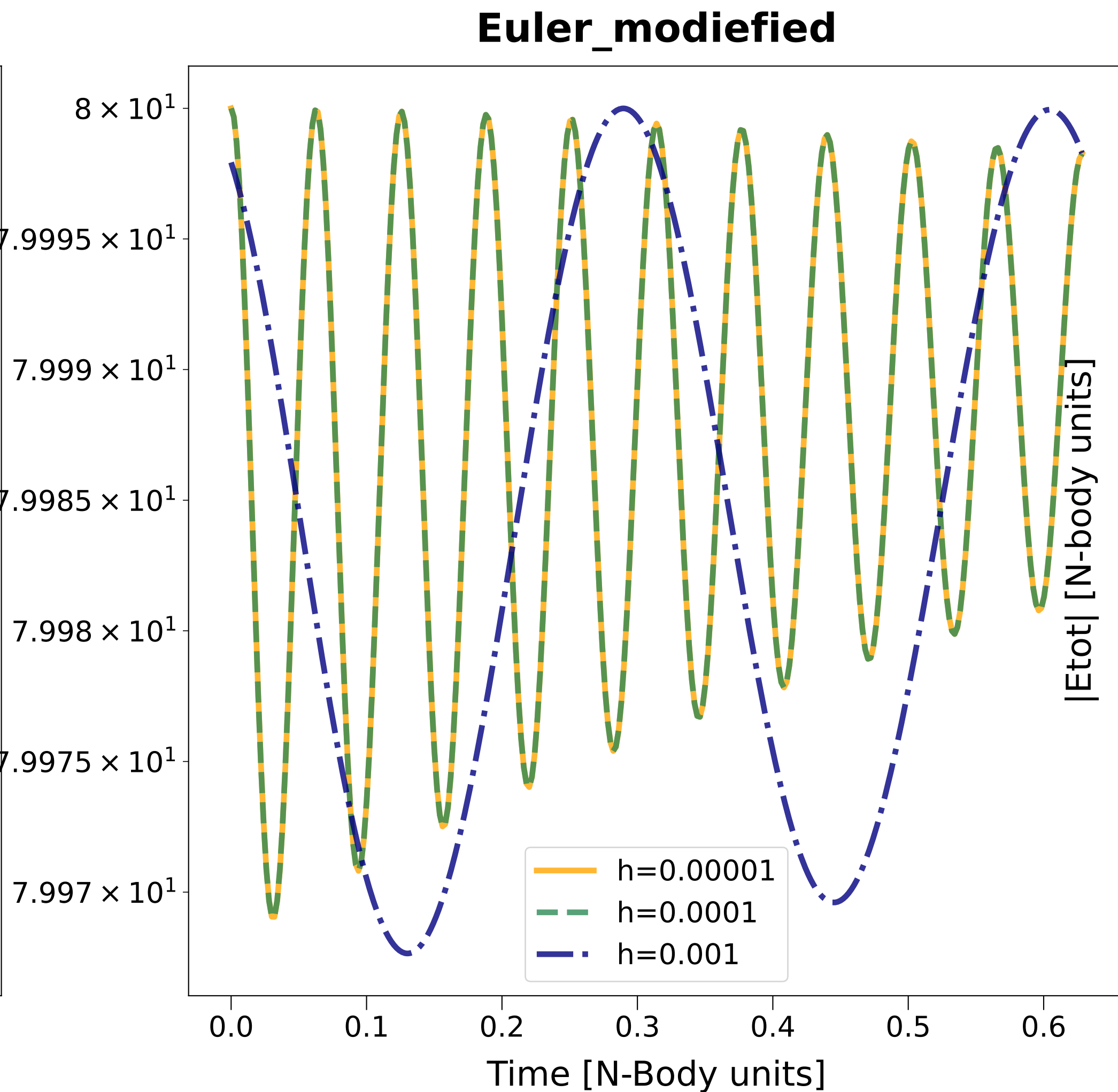
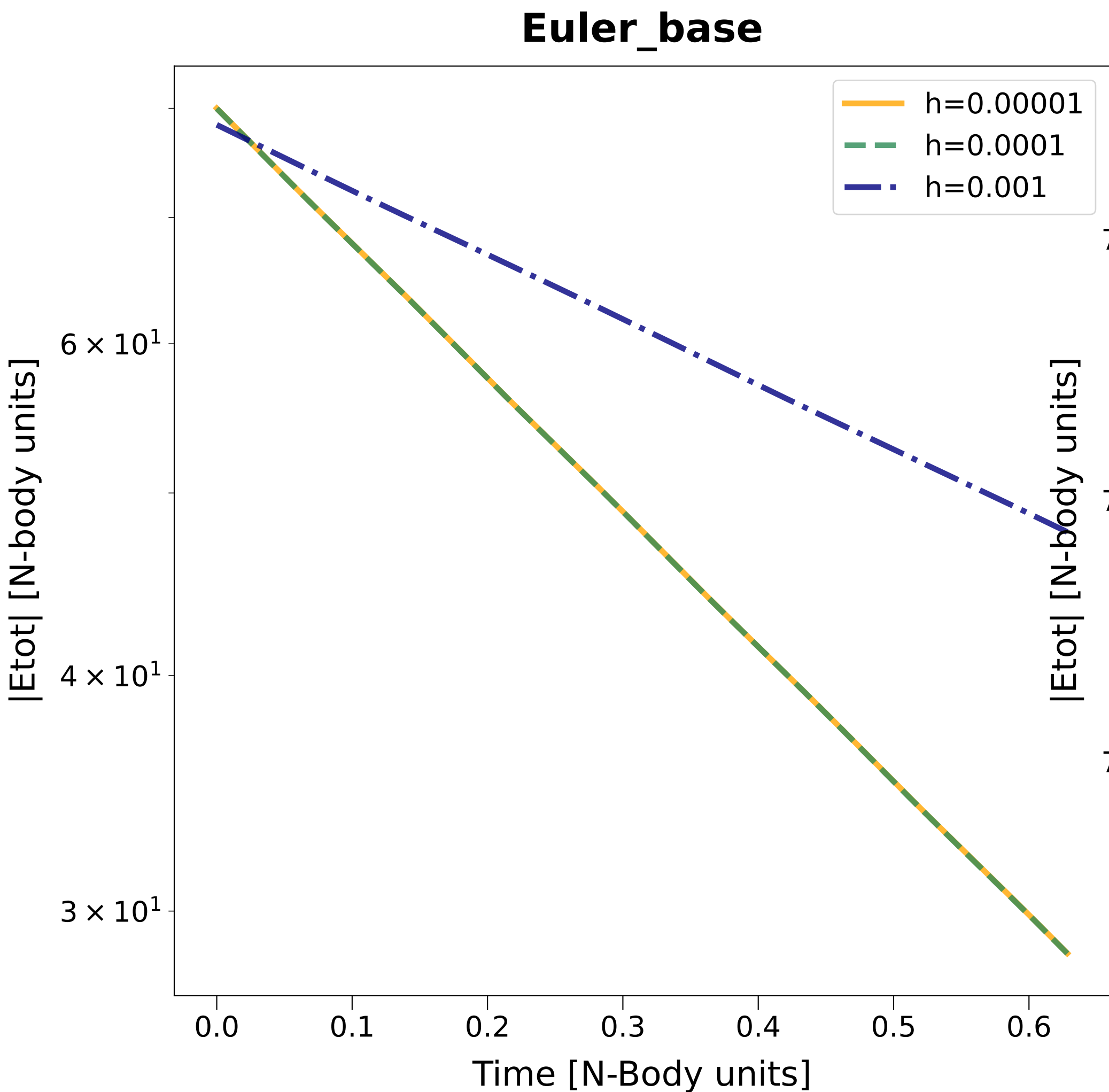
# $|\Delta E/E|$ Evolution

( $M_1=8.0$ ,  $M_2=2.0$ ,  $e=0.0$ ,  $rp=0.10$ ,  $T=0.06$ )



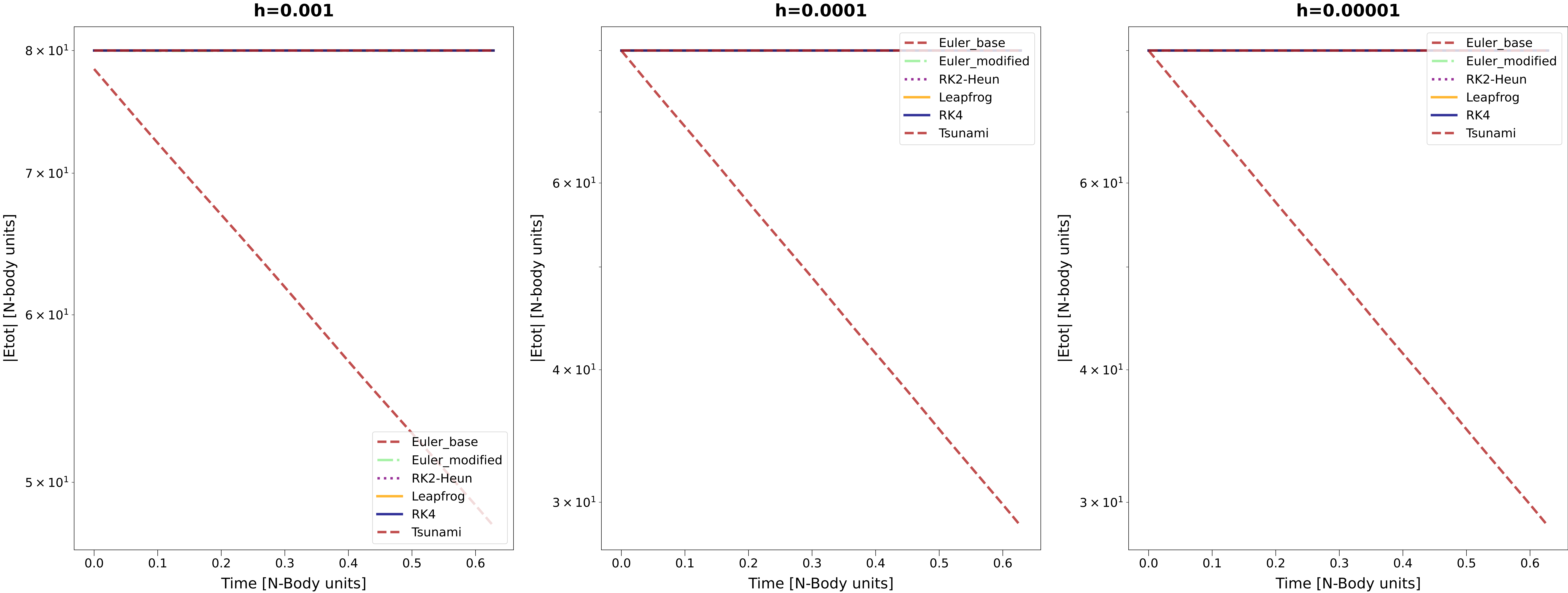


**Total Energy Evolution**  
**(M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)**

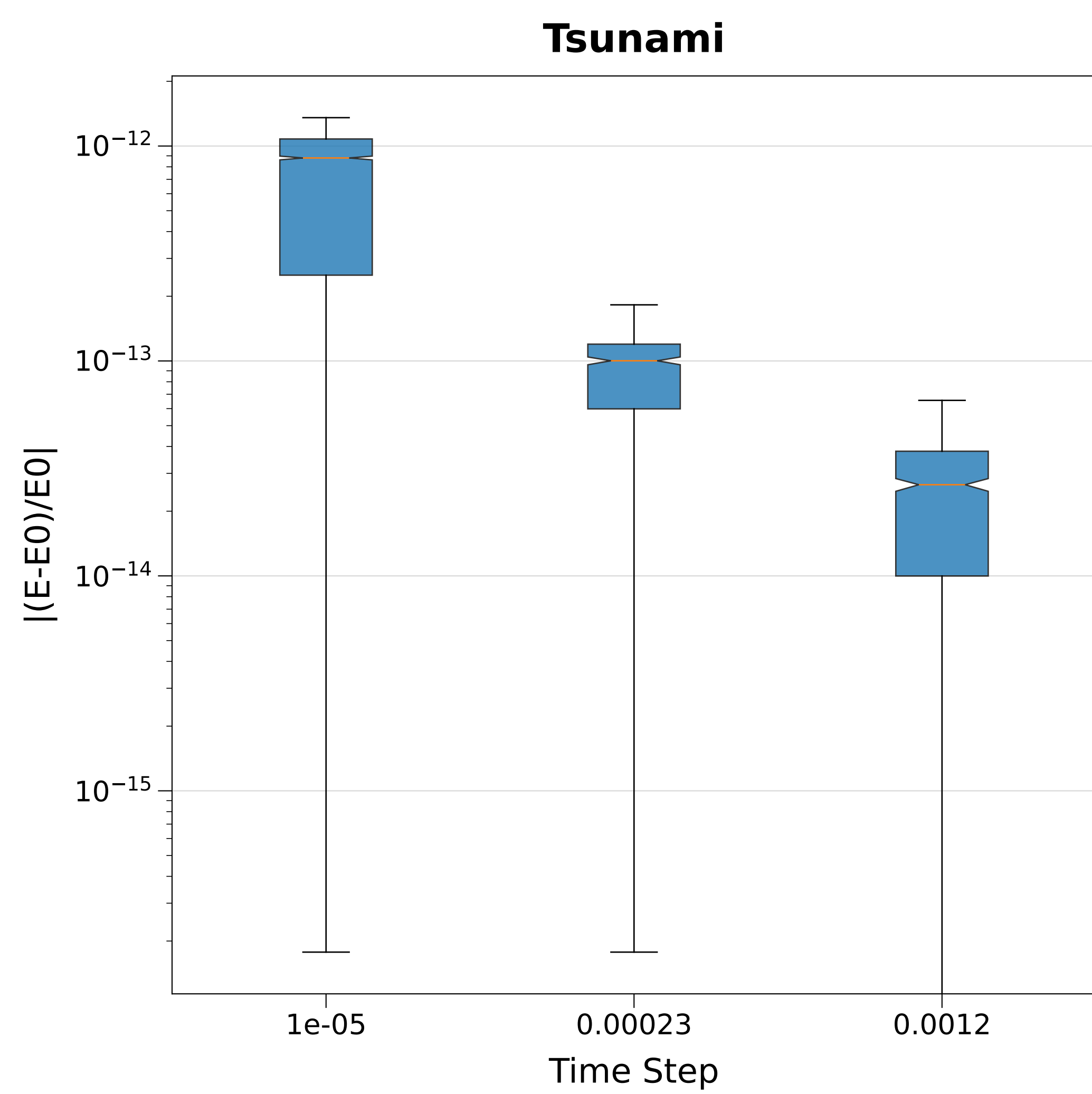
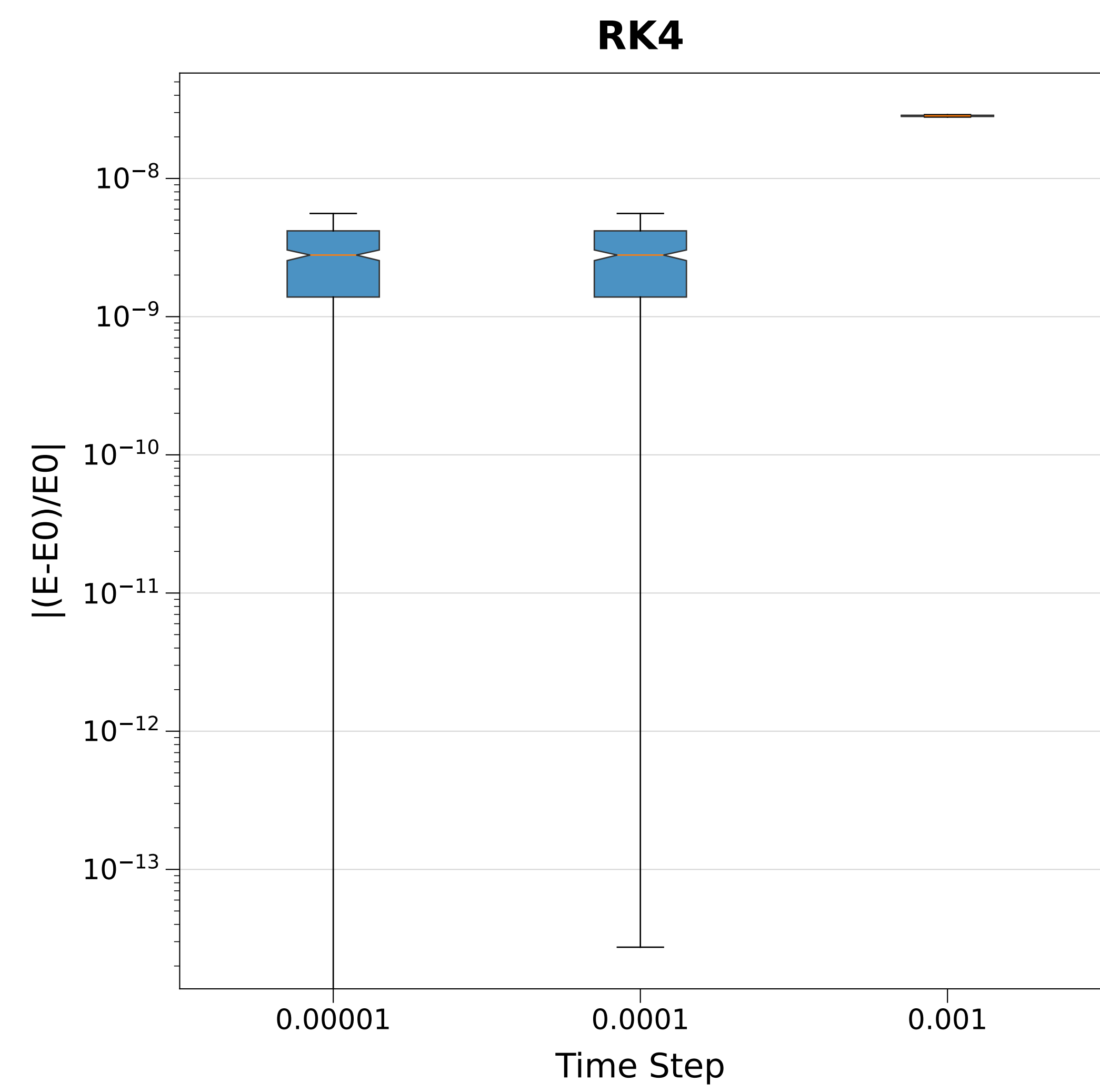
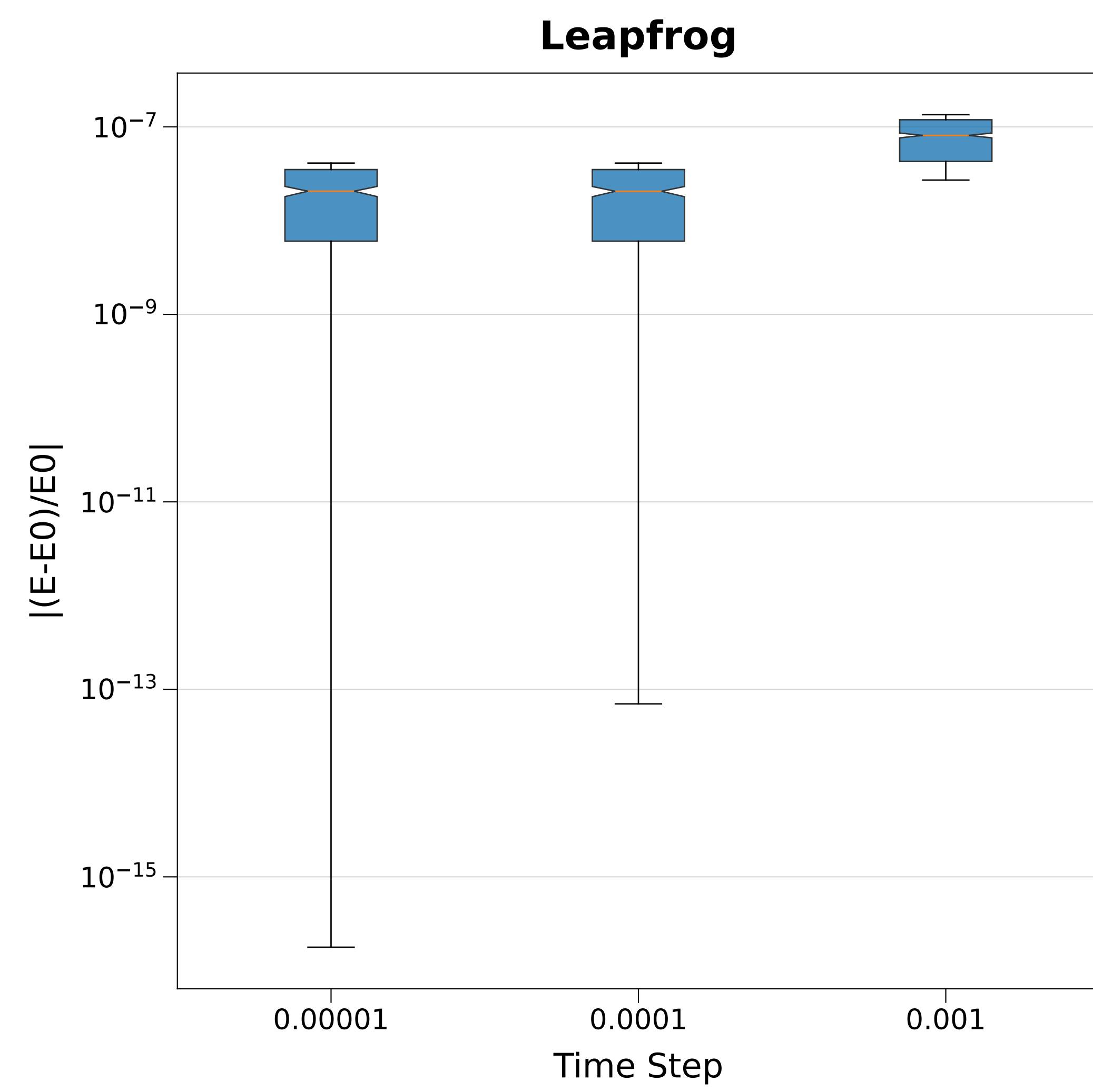
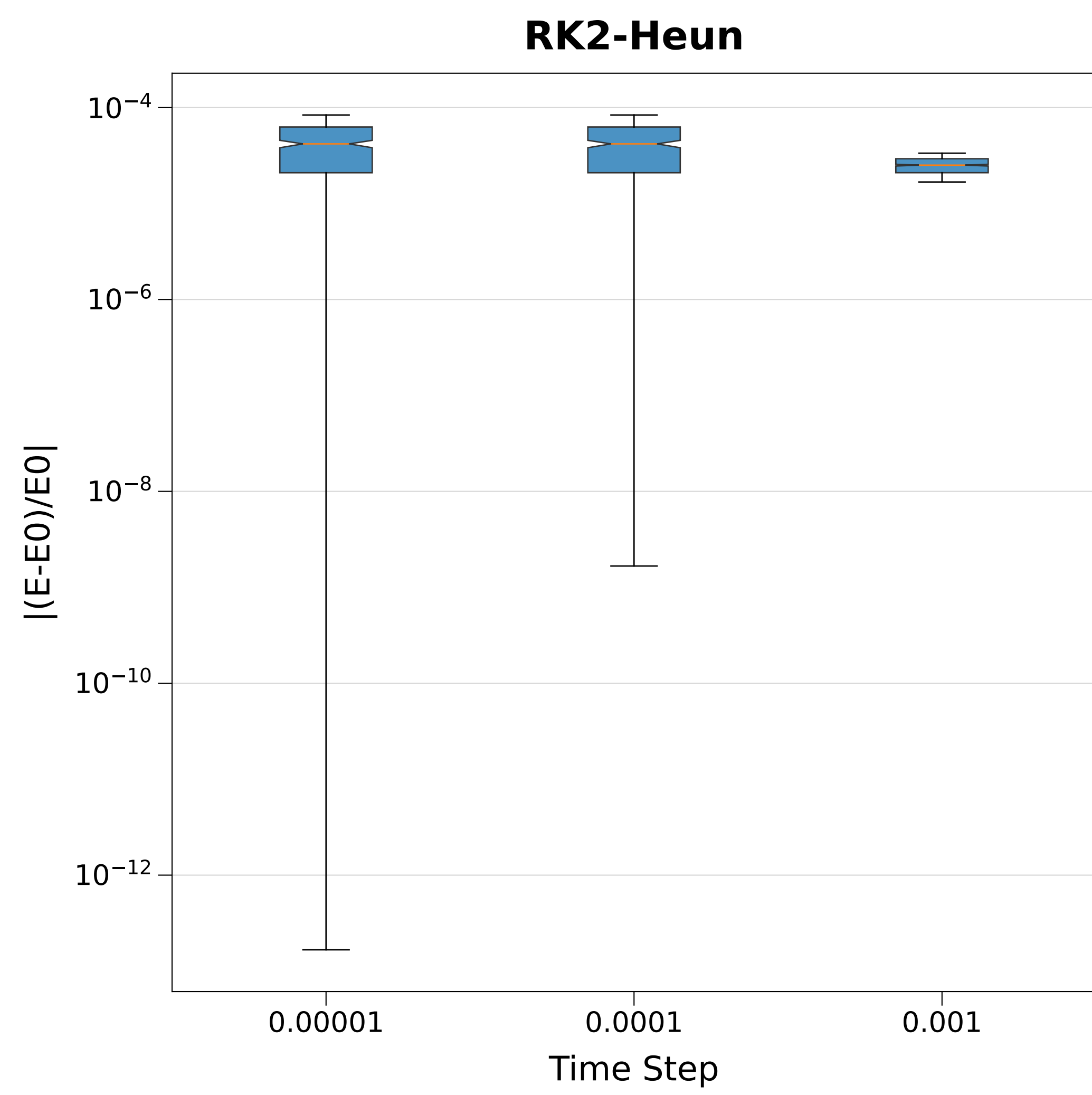
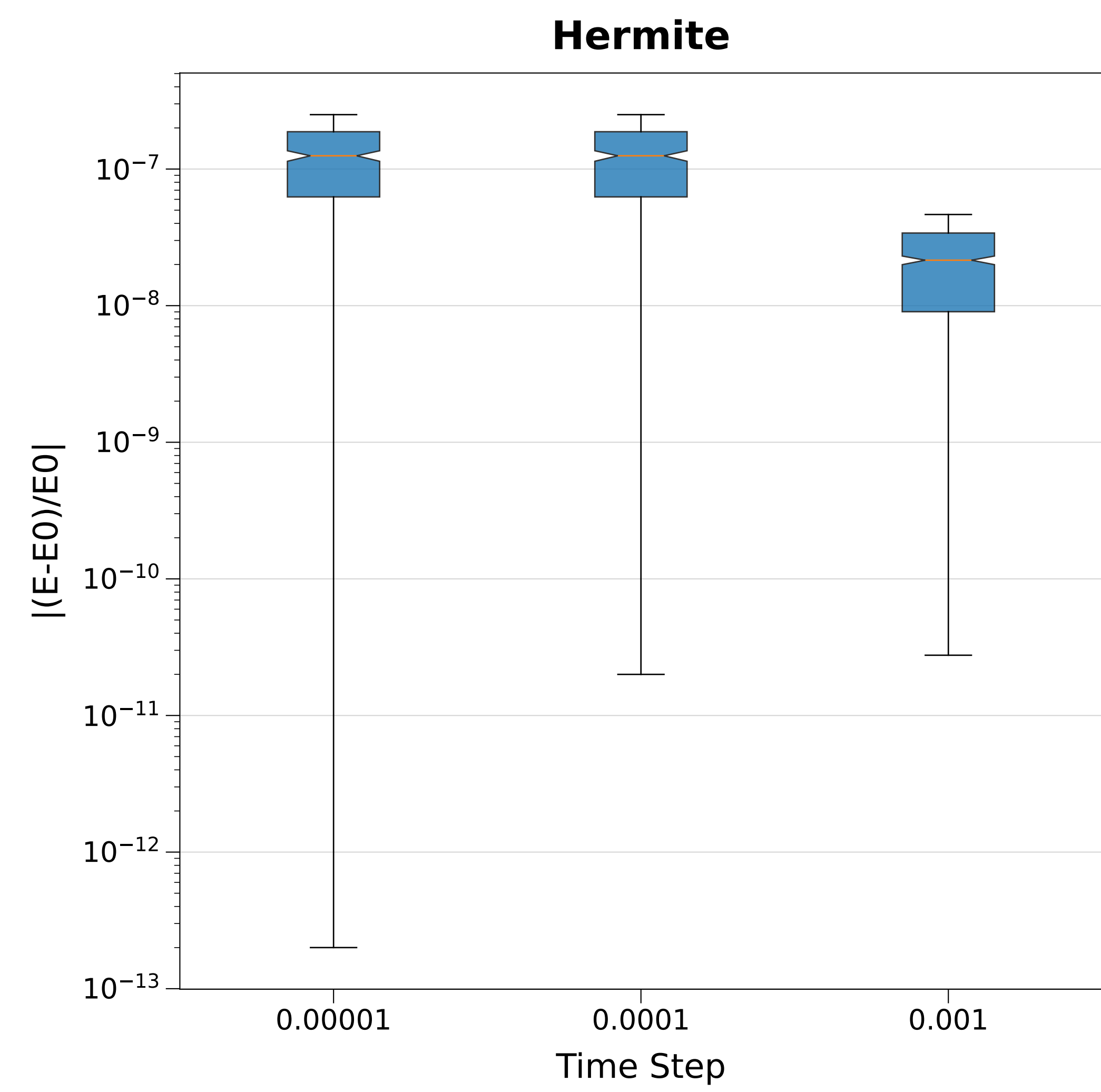
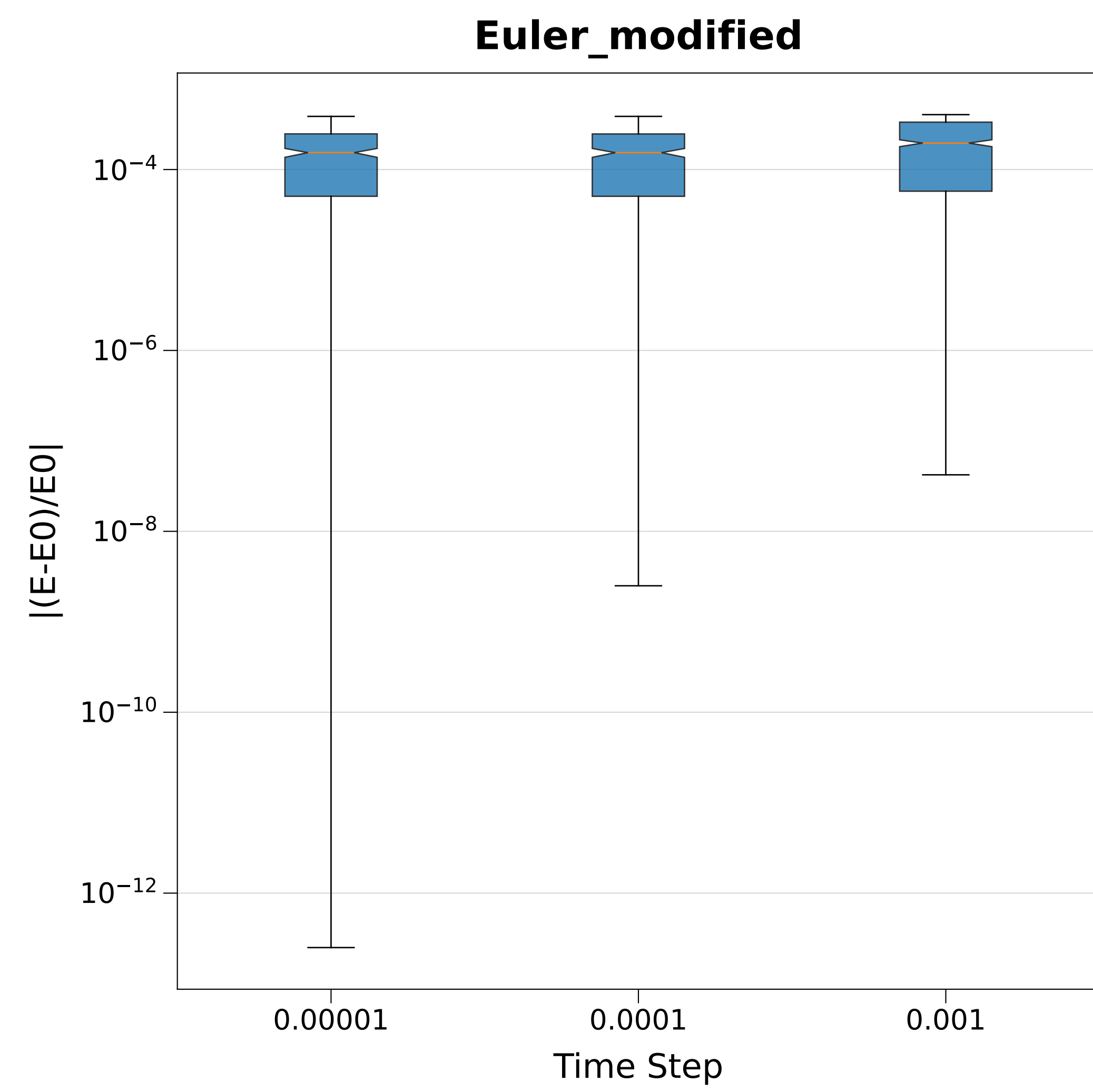
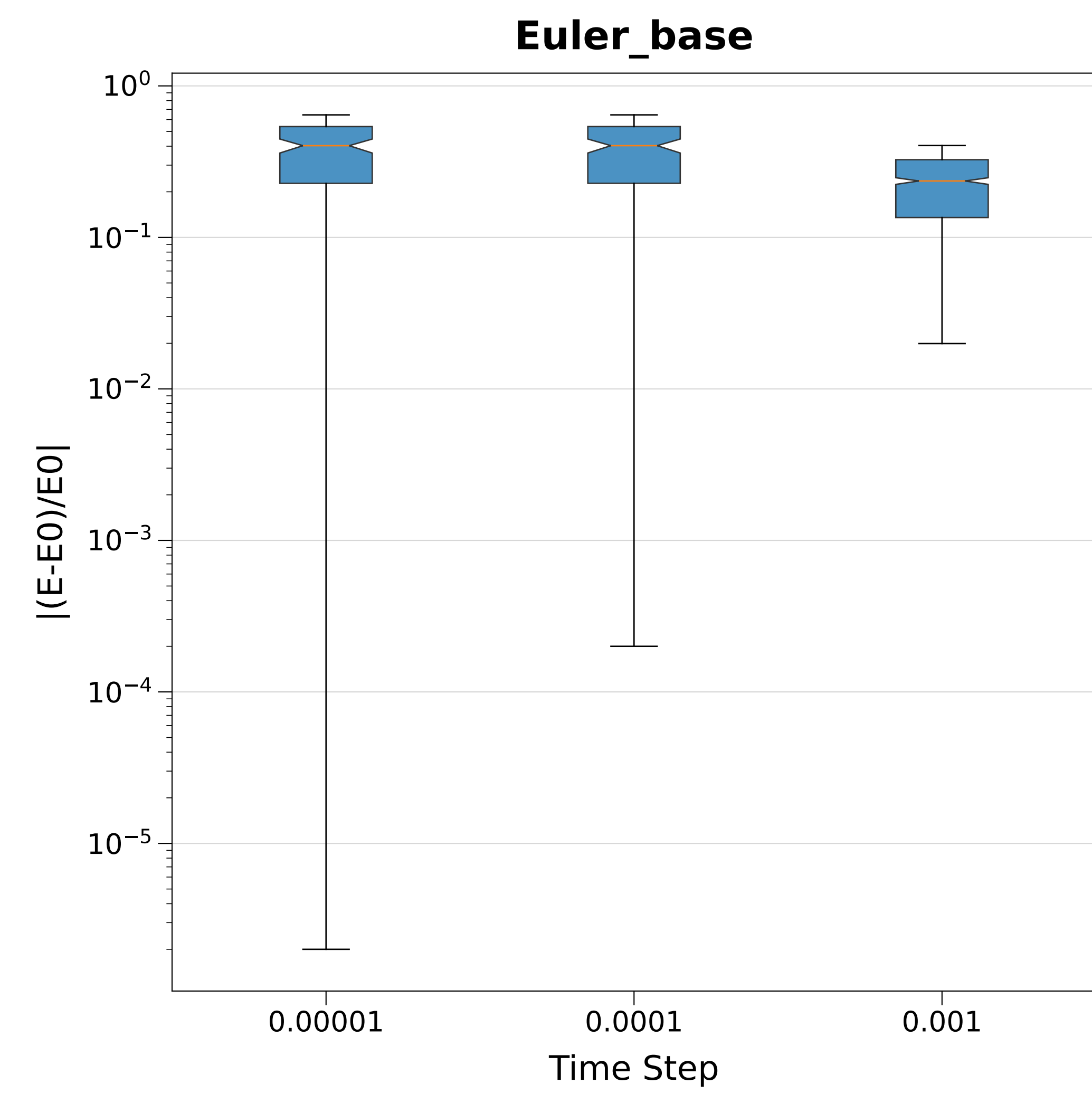


# Total Energy Evolution

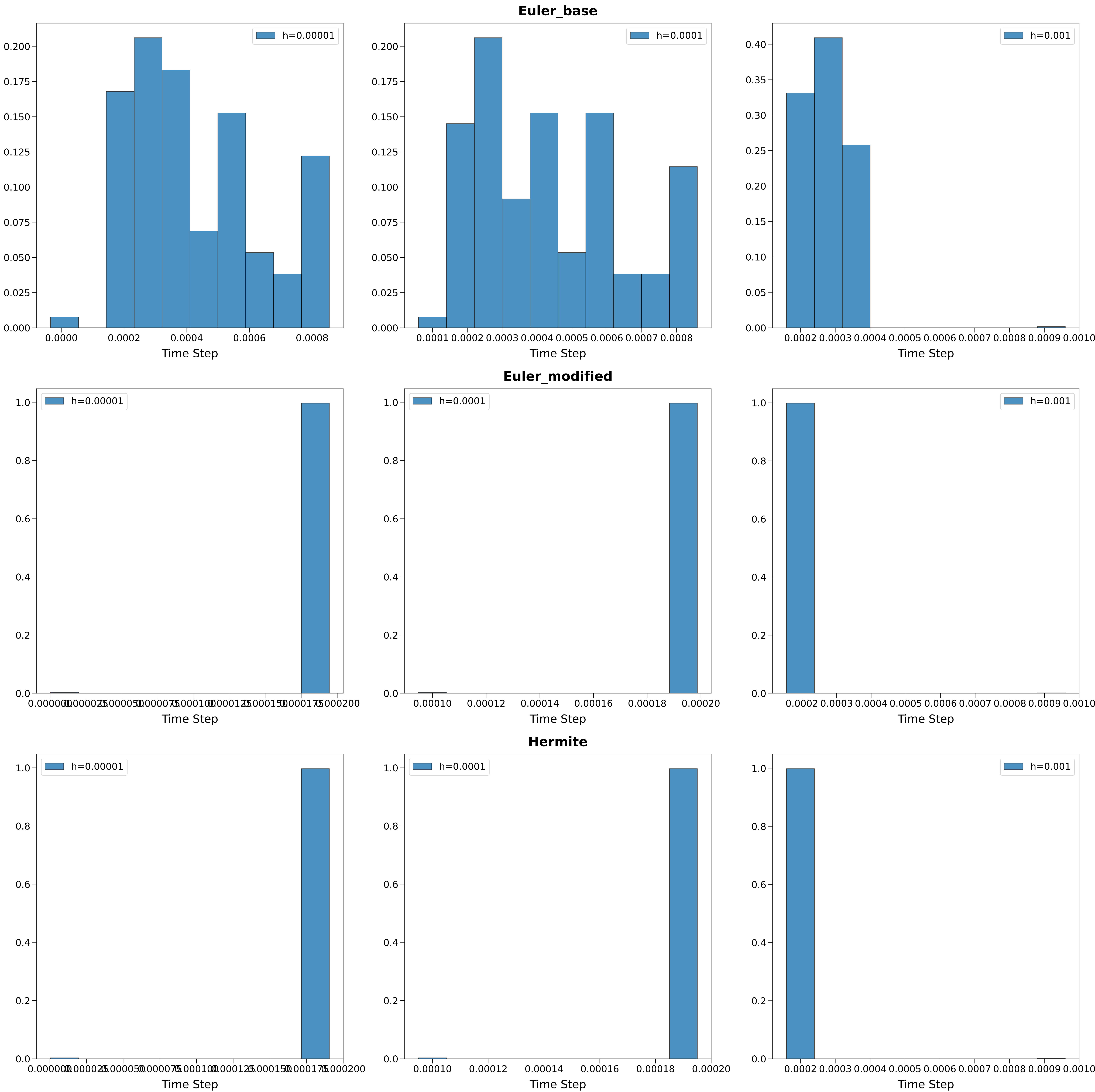
(M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)



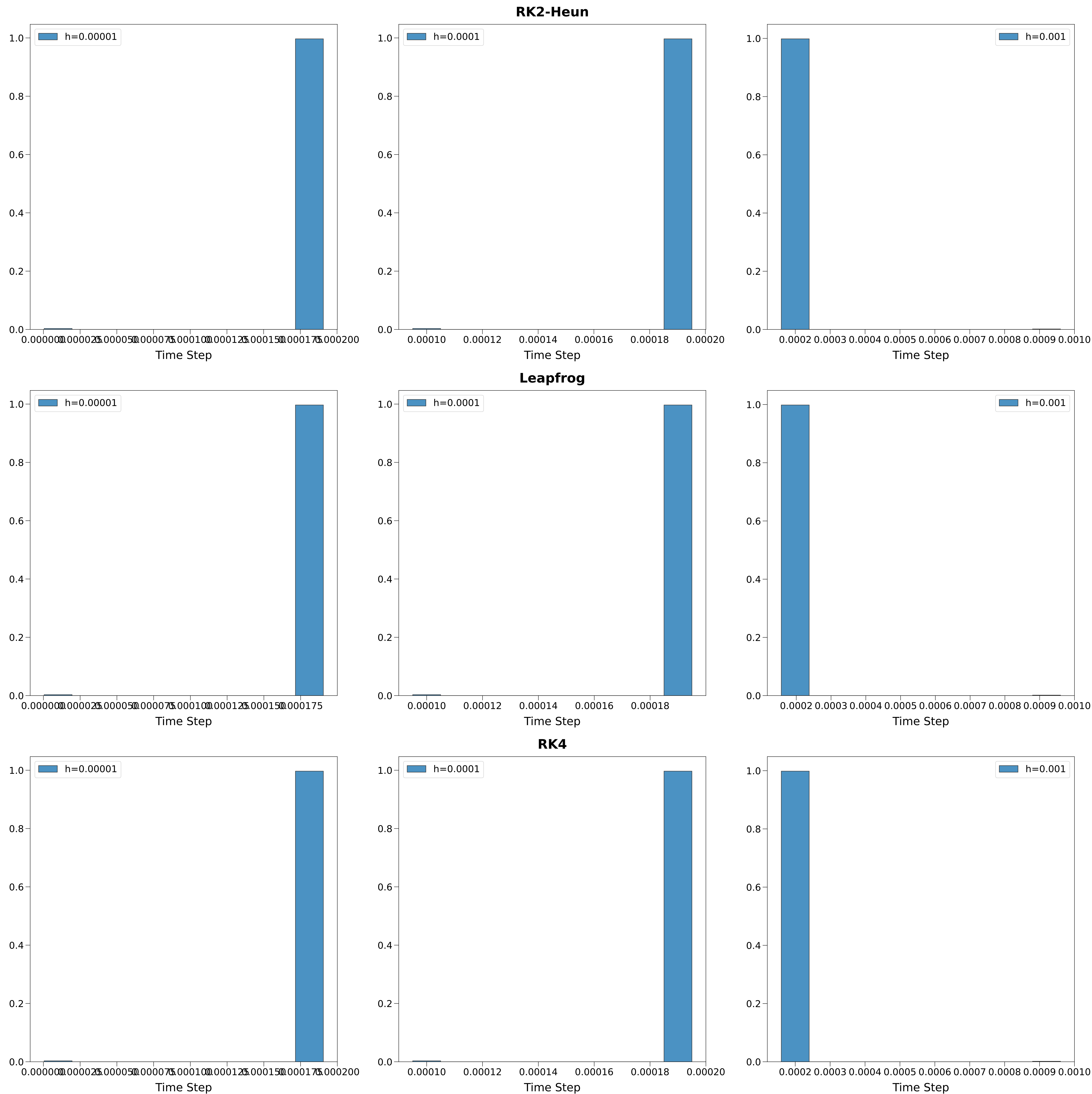
# Relative Energy Errors (M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)



**Adaptive Timesteps Distribution**  
**(M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)**

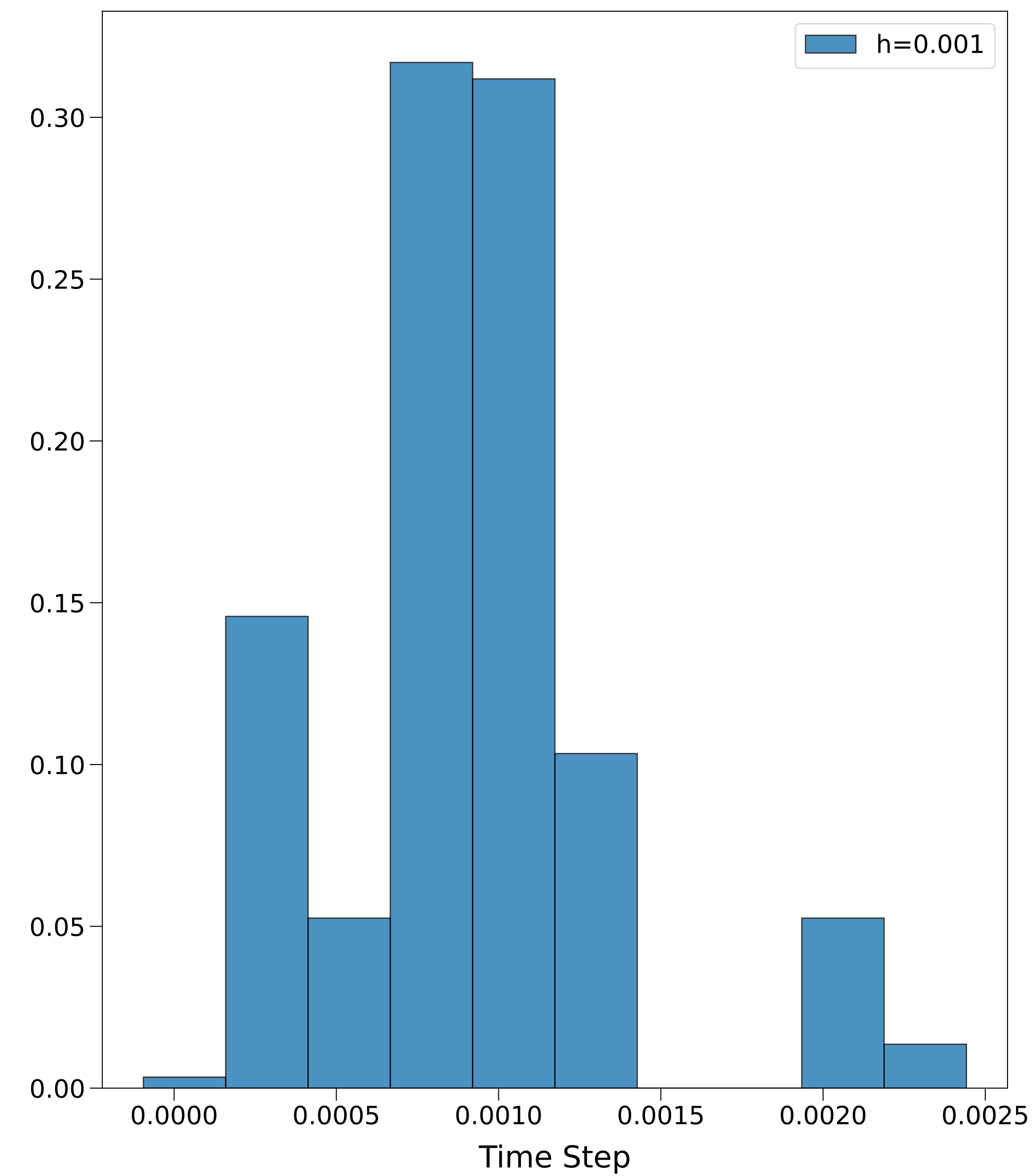
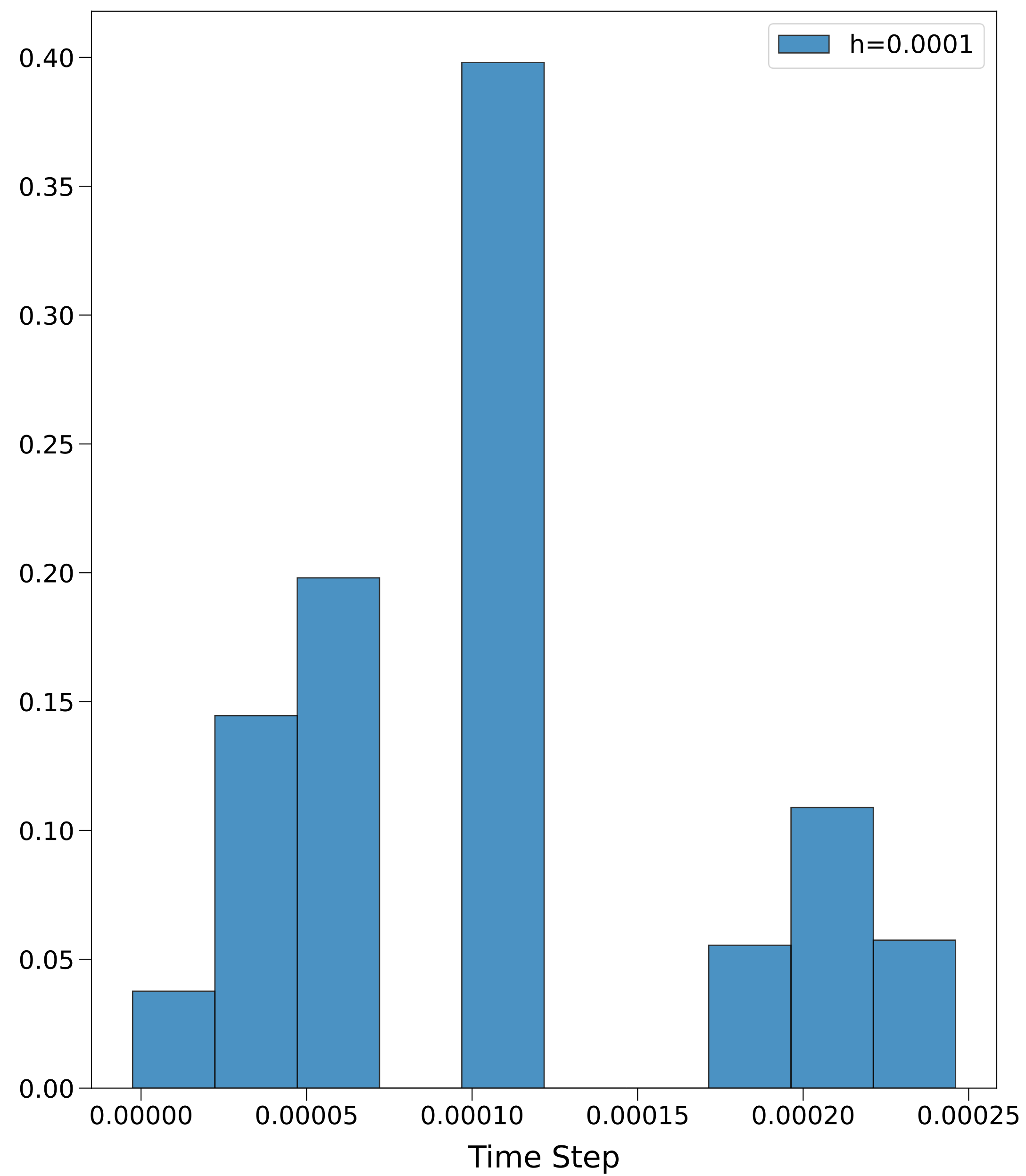
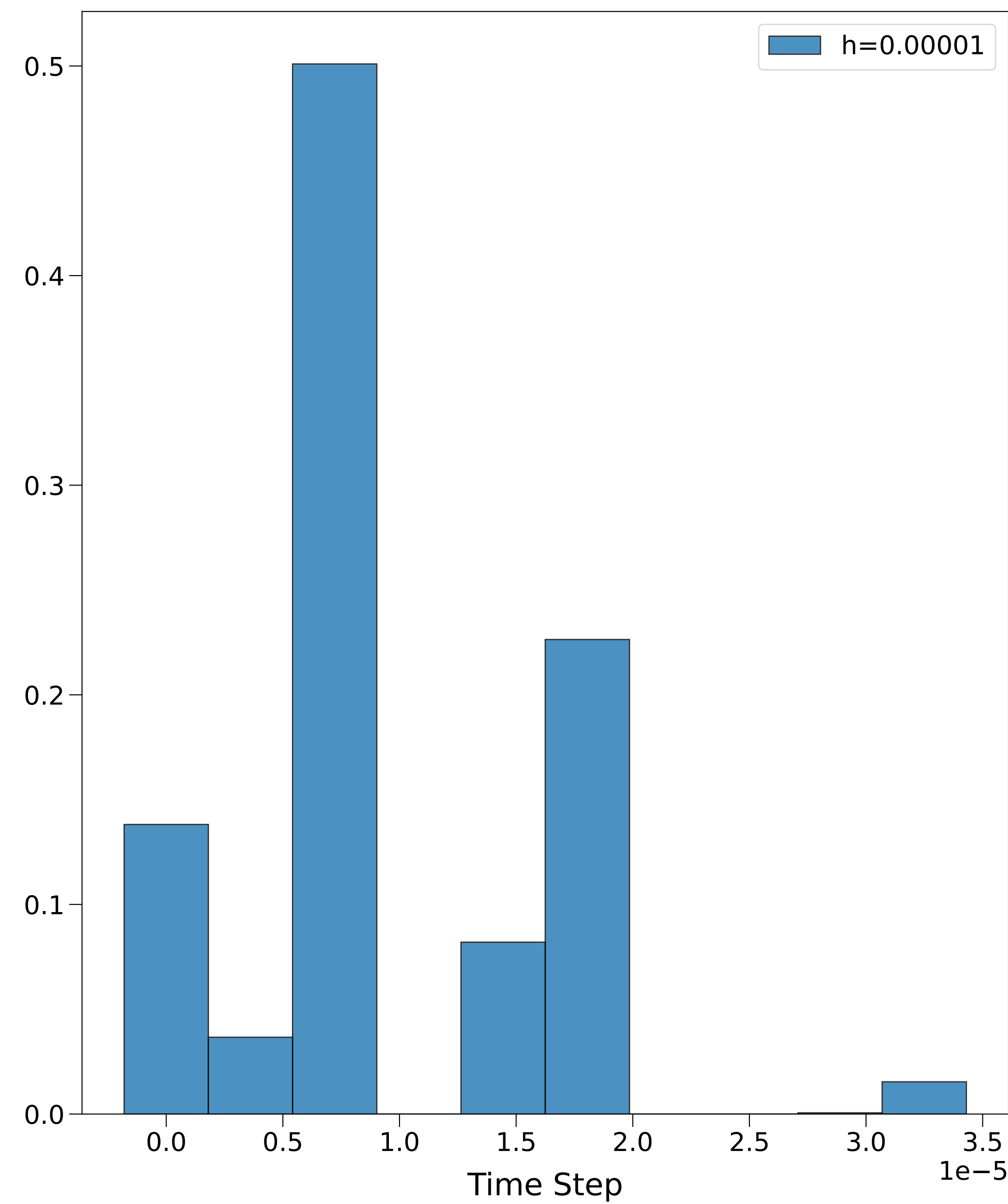






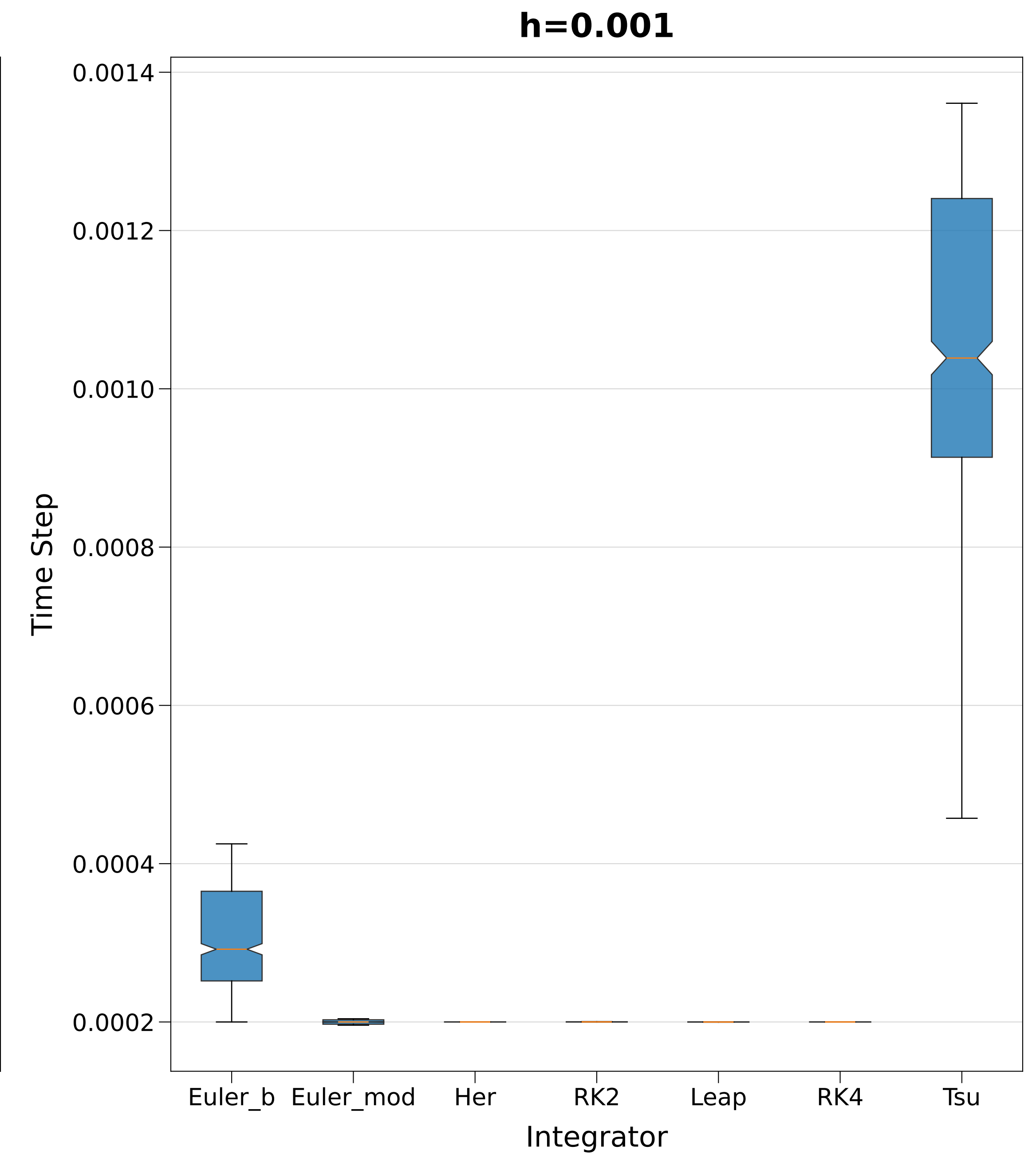
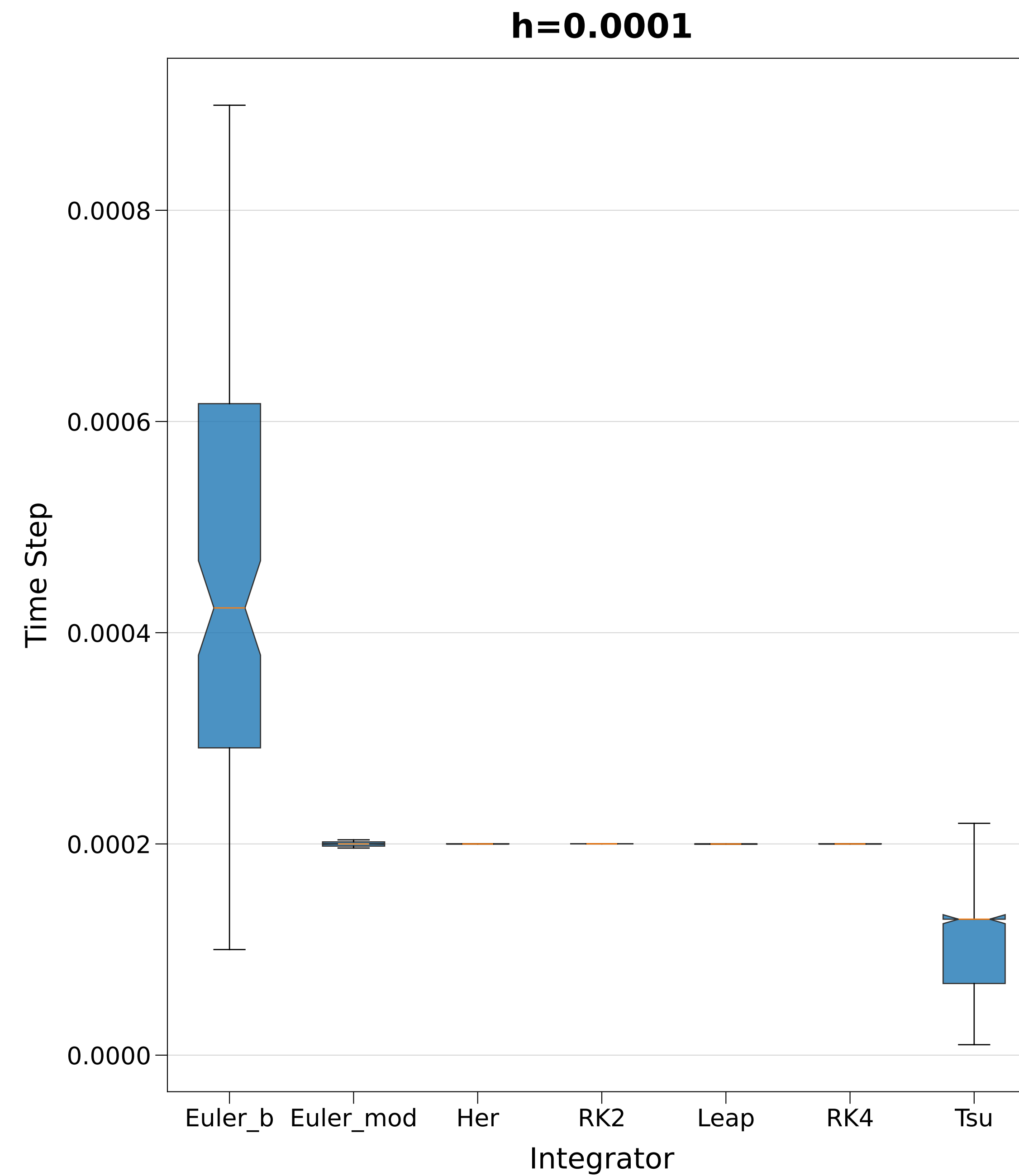
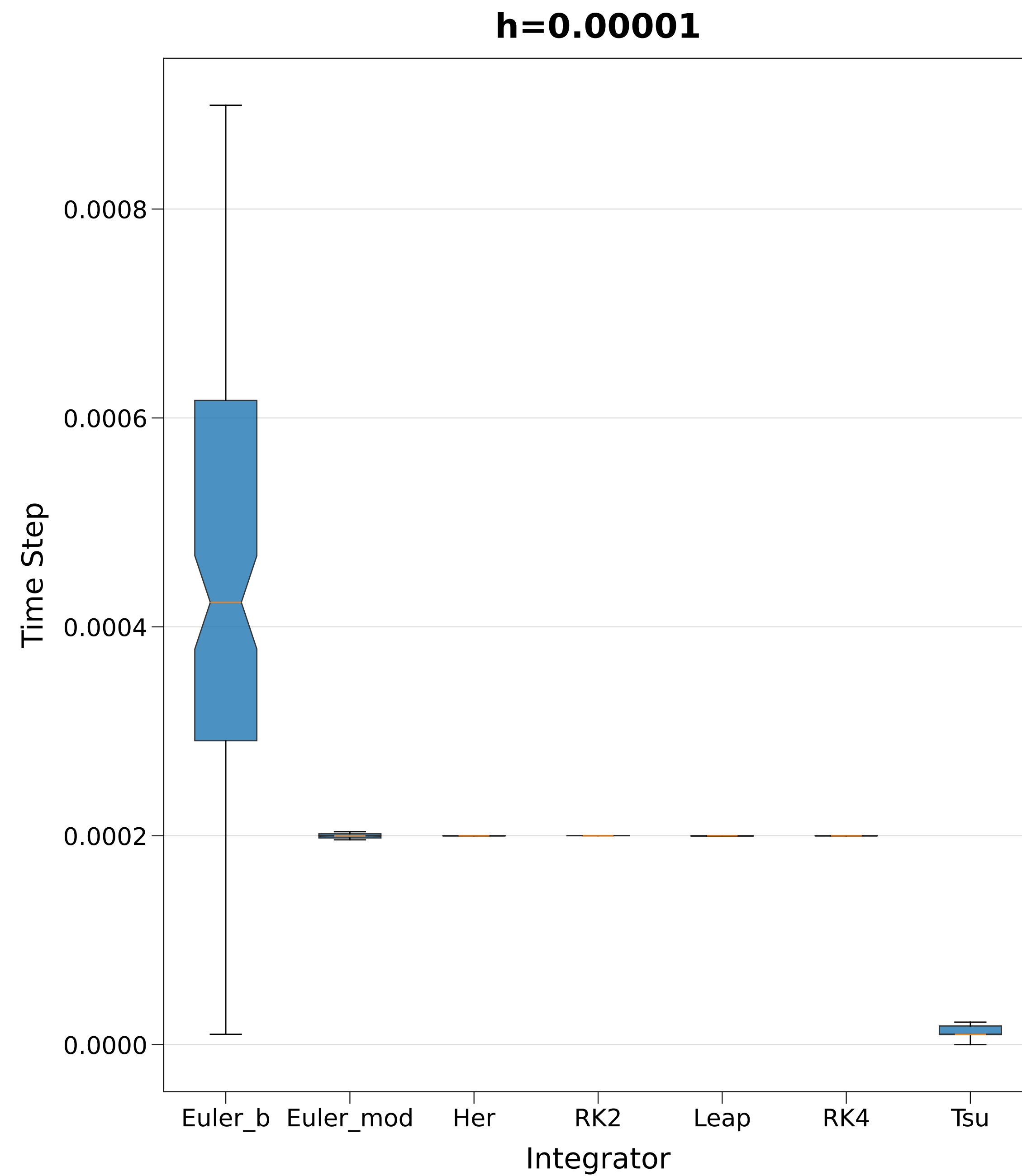


# Tsunami

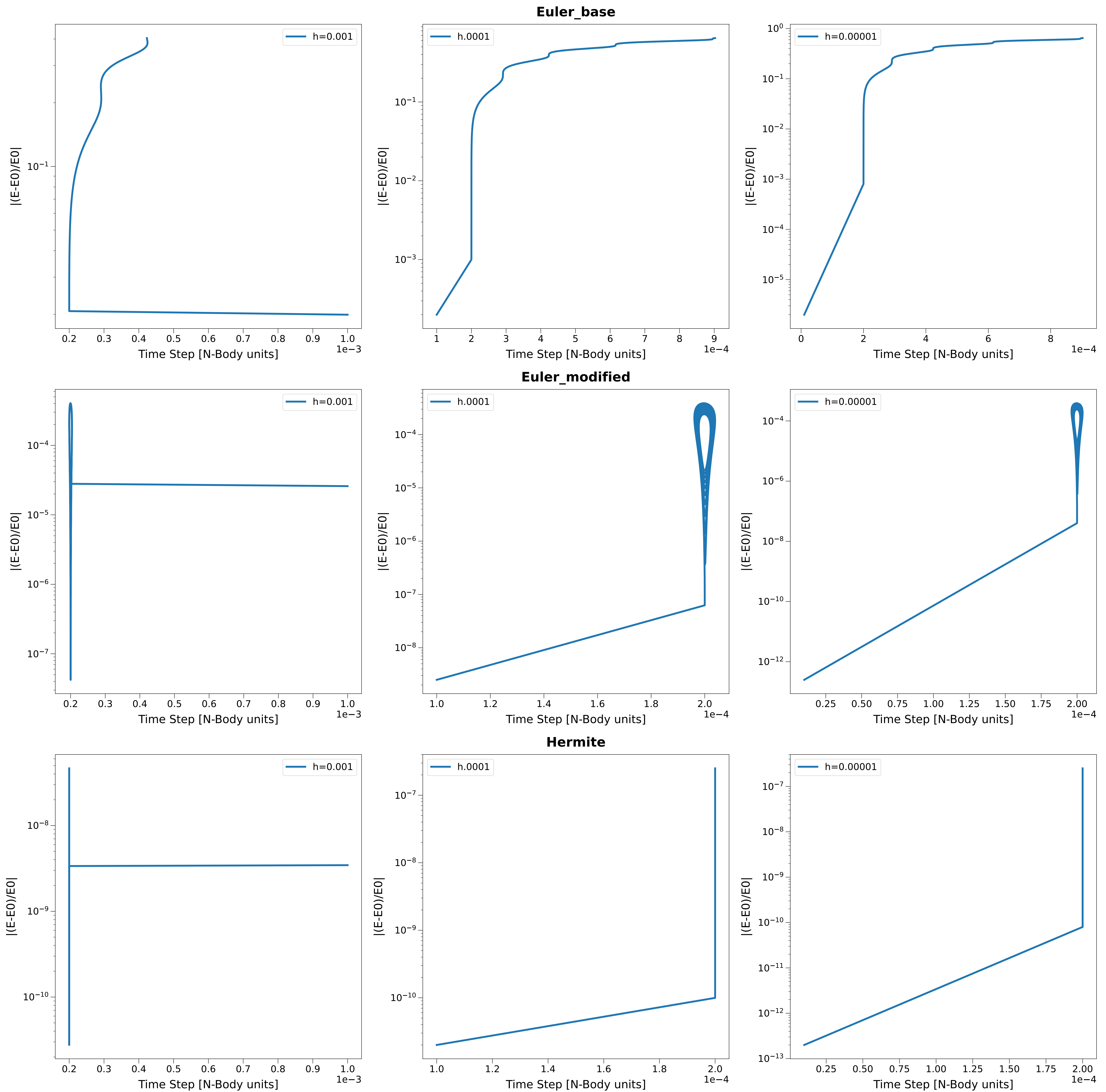


# Adaptive Timesteps

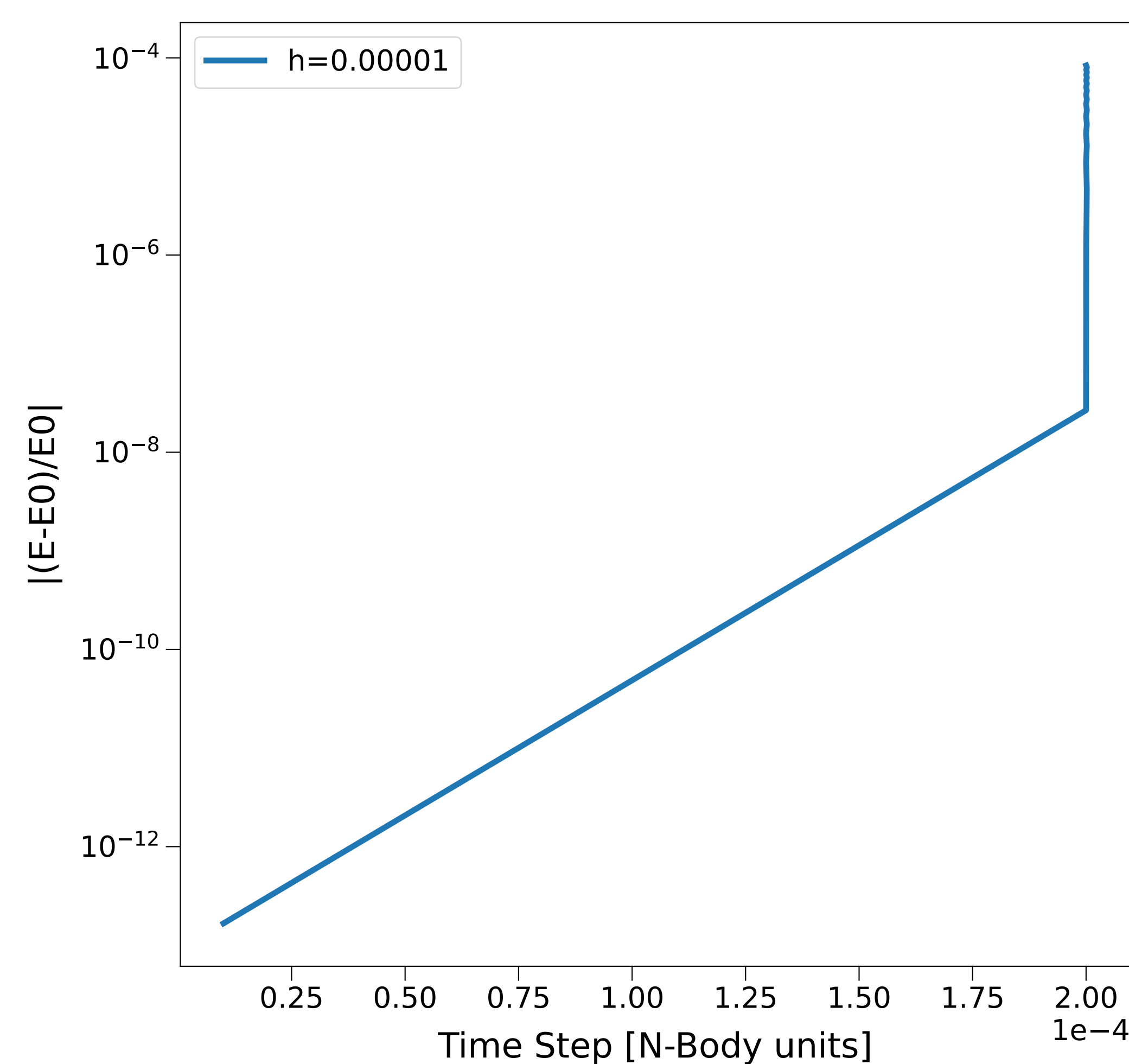
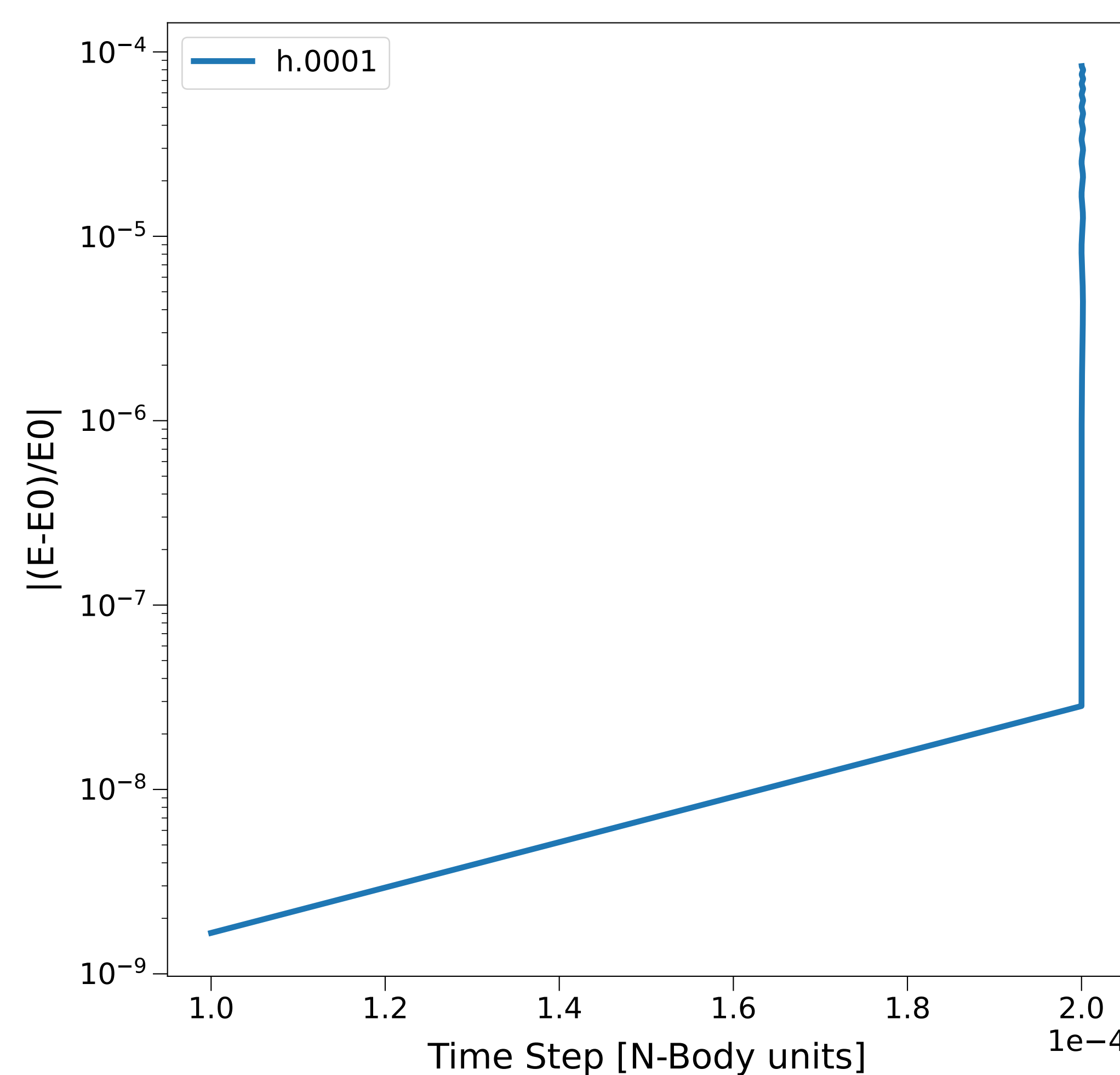
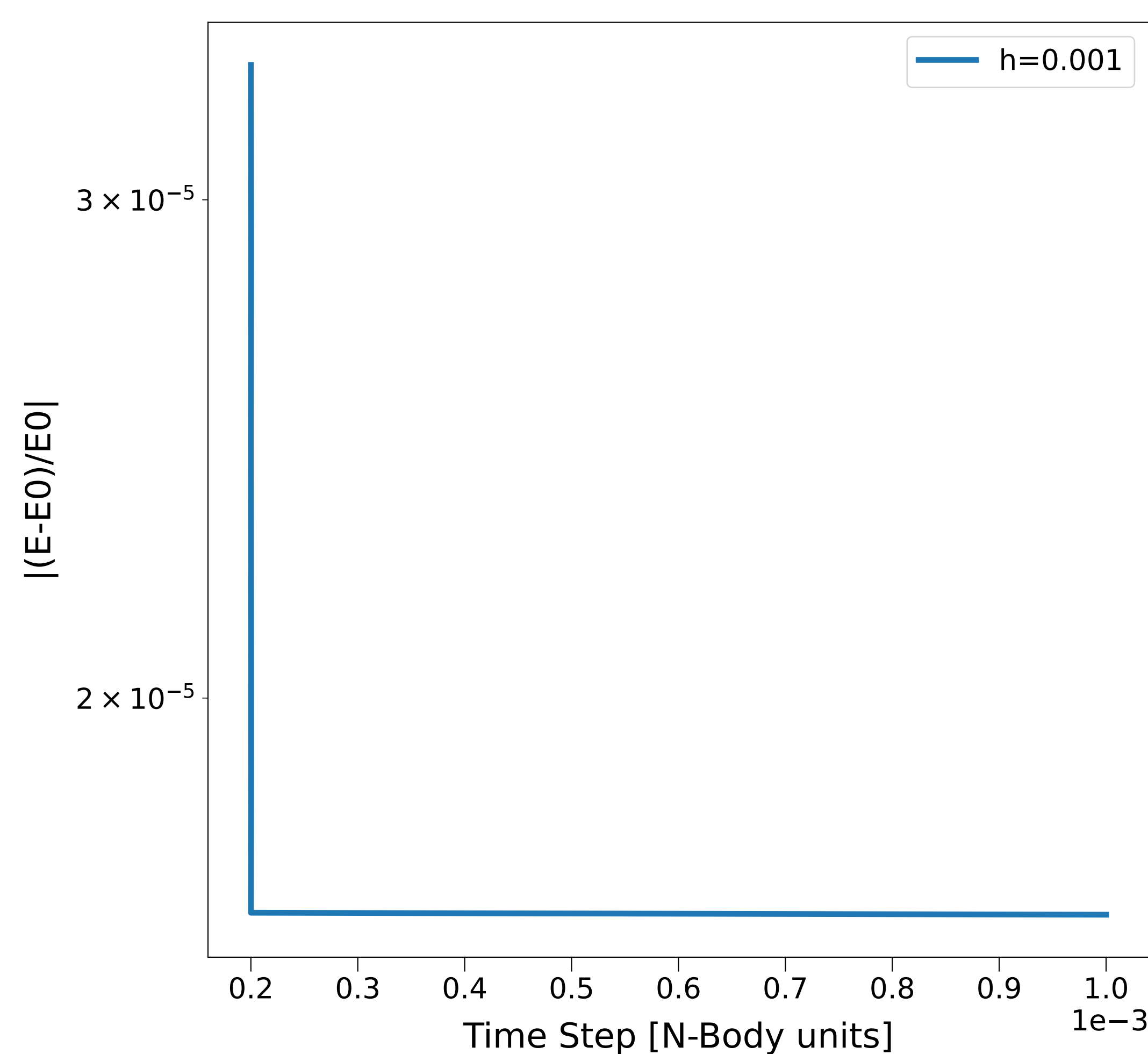
(M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)



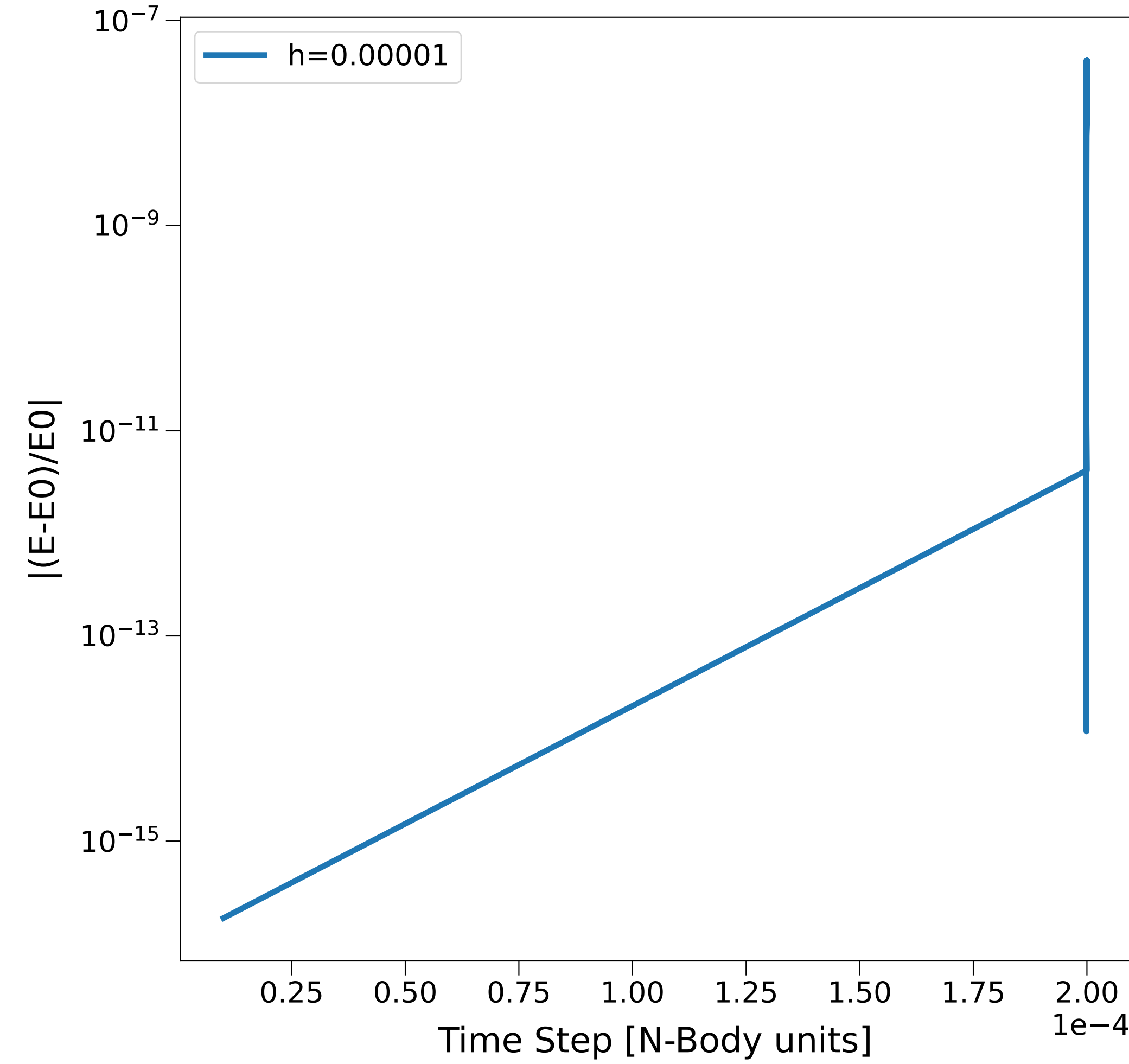
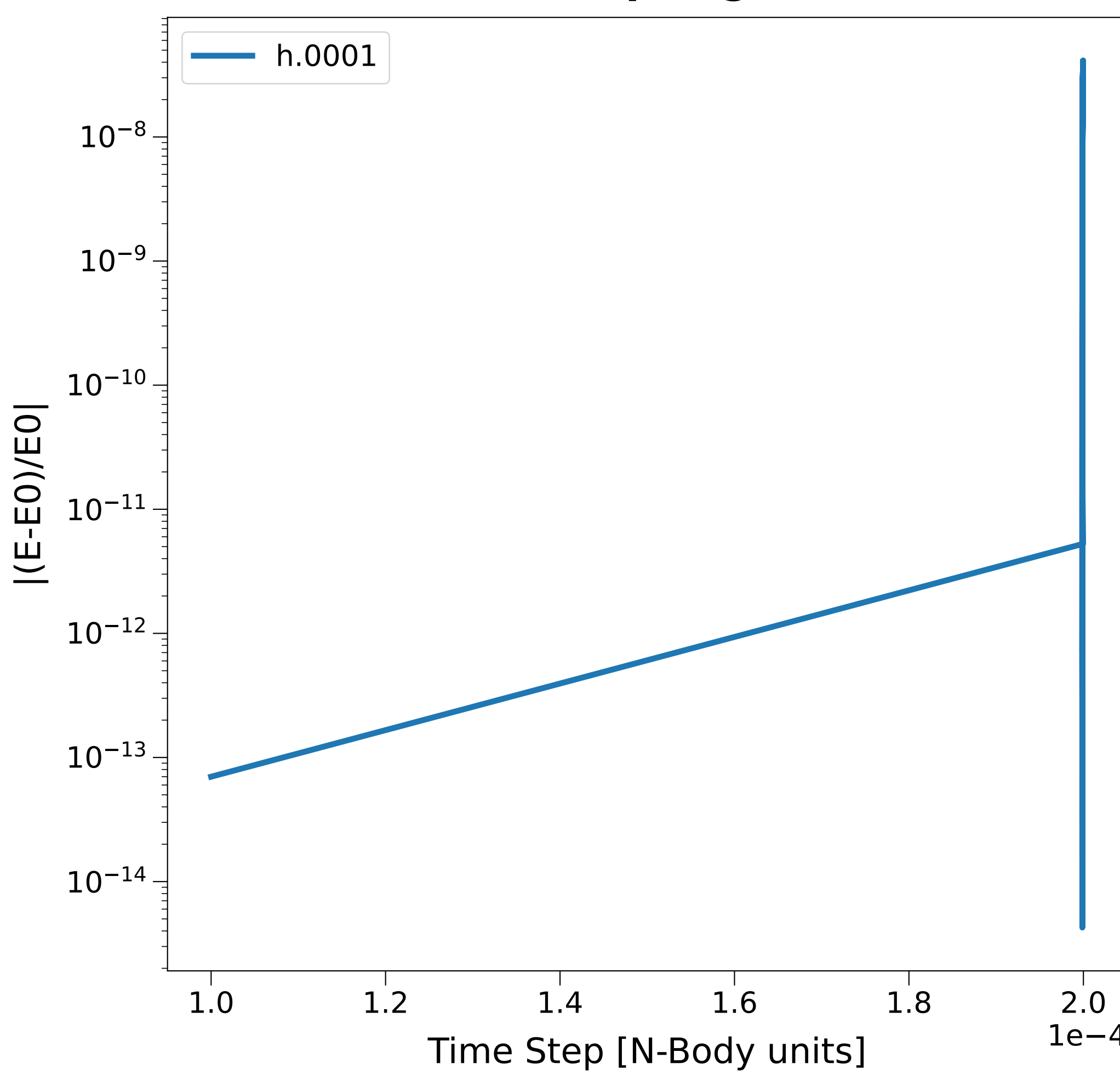
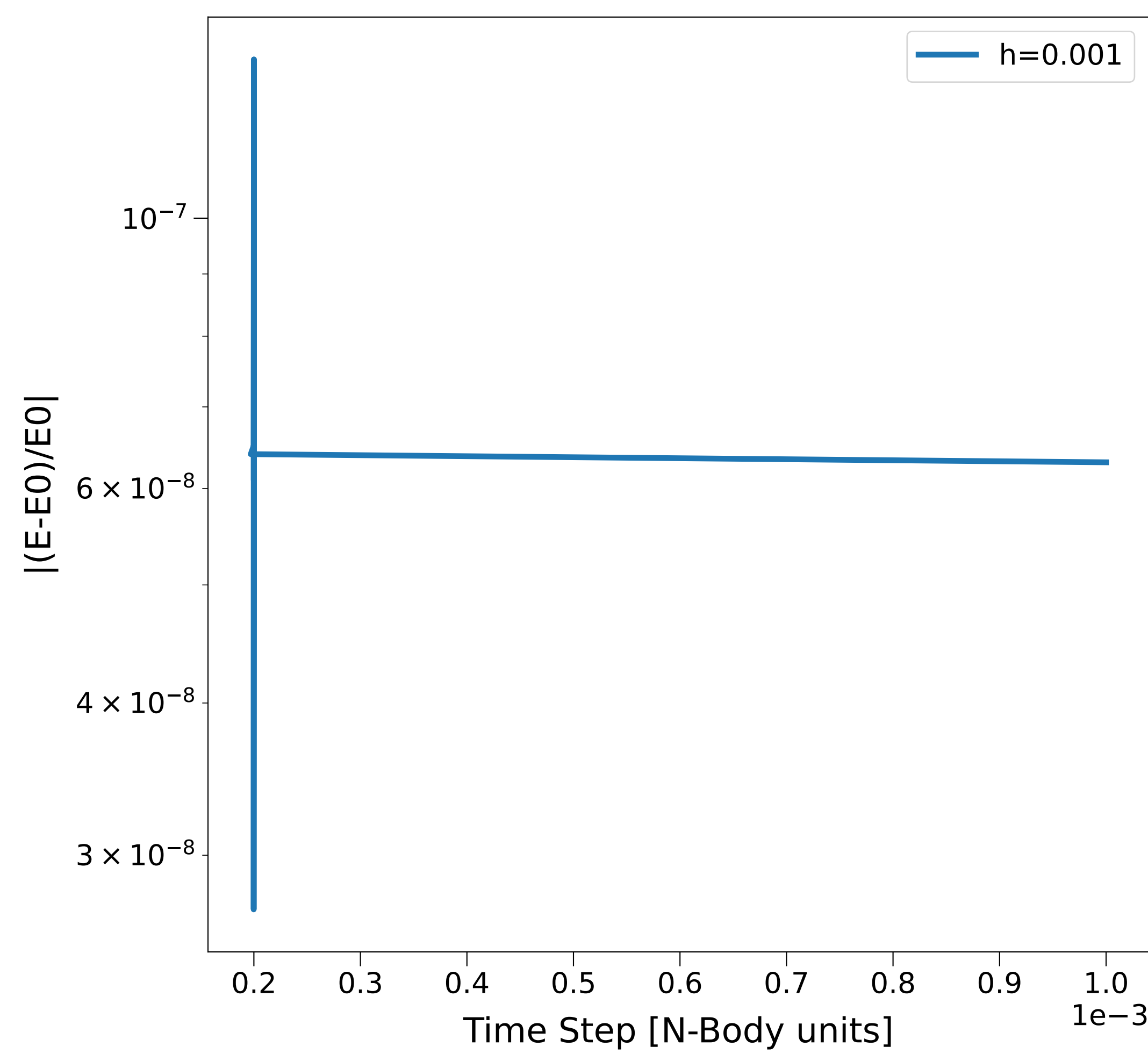
# tstep vs $|\Delta E/E|$ (M1=8.0, M2=2.0, e=0.0, rp=0.10, T=0.06)



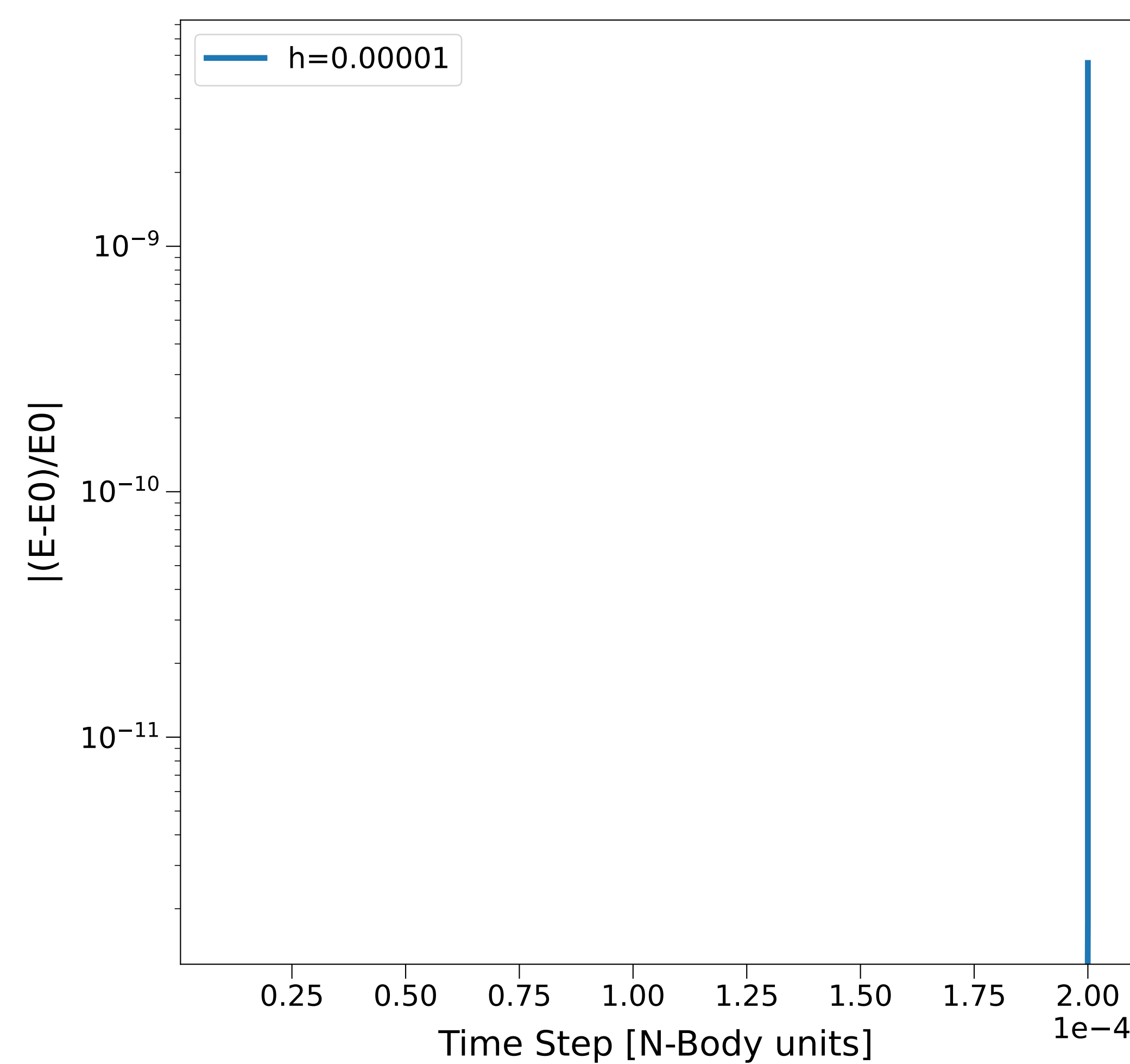
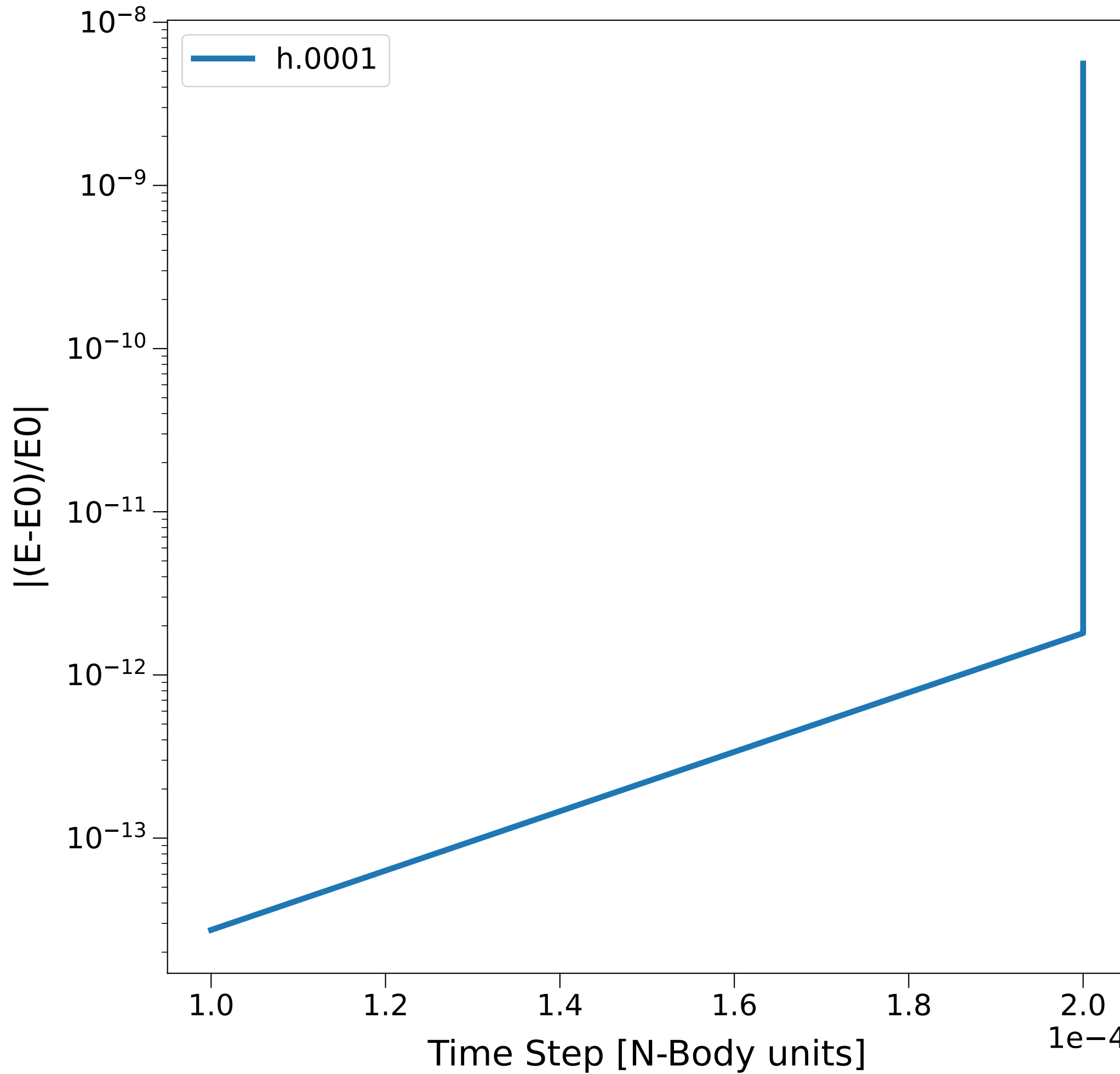
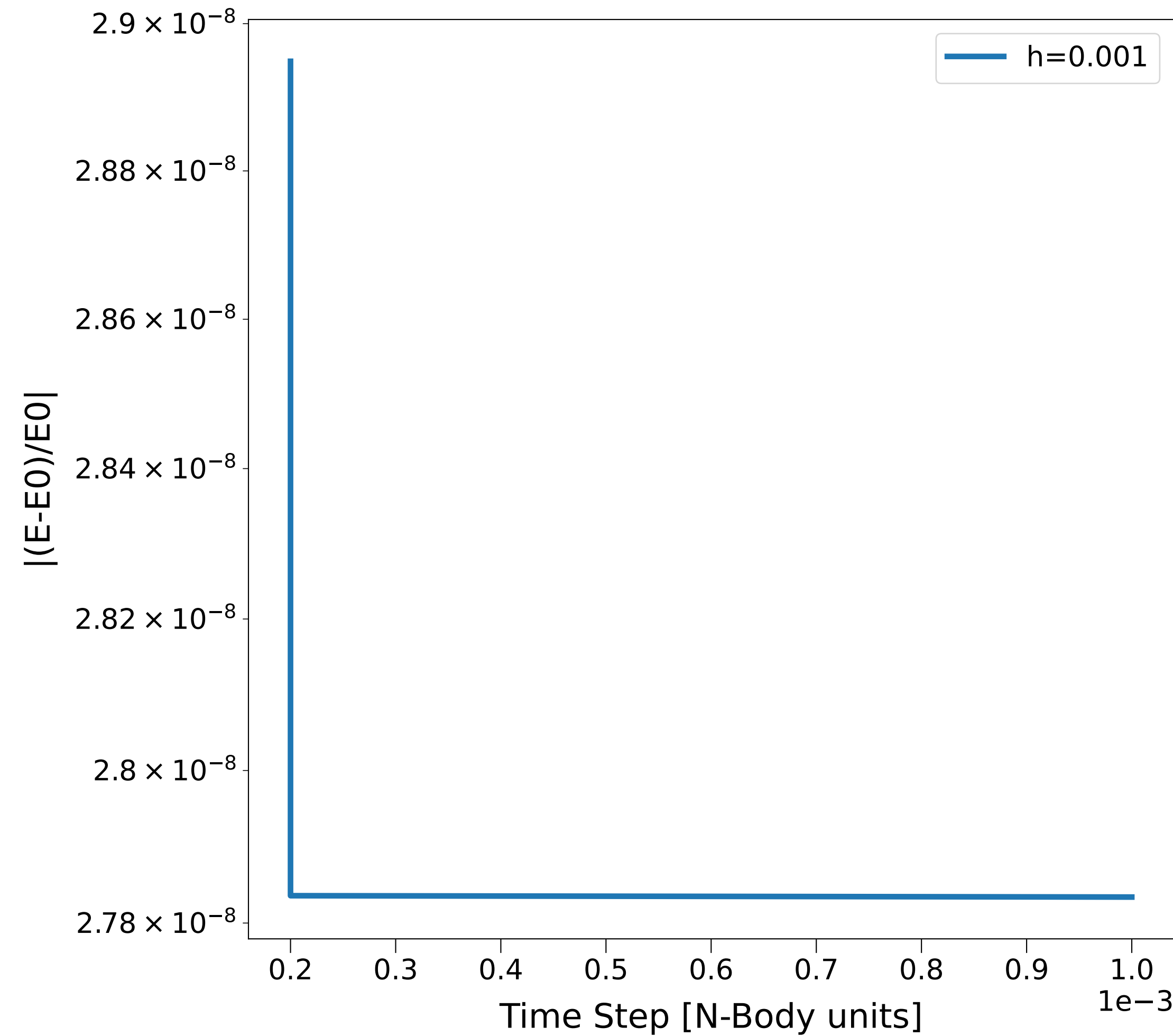
**RK2-Heun**



**Leapfrog**



**RK4**





# Tsunami

