The total energy of the system as a function of time, with n = 1000-0.000110Forward Euler method -0.000111Velocity Verlet method -0.000112-0.000113 $\mathsf{E}_{\mathsf{tot}}[\mathsf{M}_{\odot}\mathsf{AU}^2/\mathsf{yr}]$ -0.000114-0.000115-0.000116-0.000117-0.0001180.0 0.20.40.6 0.8 1.0 t [yr]