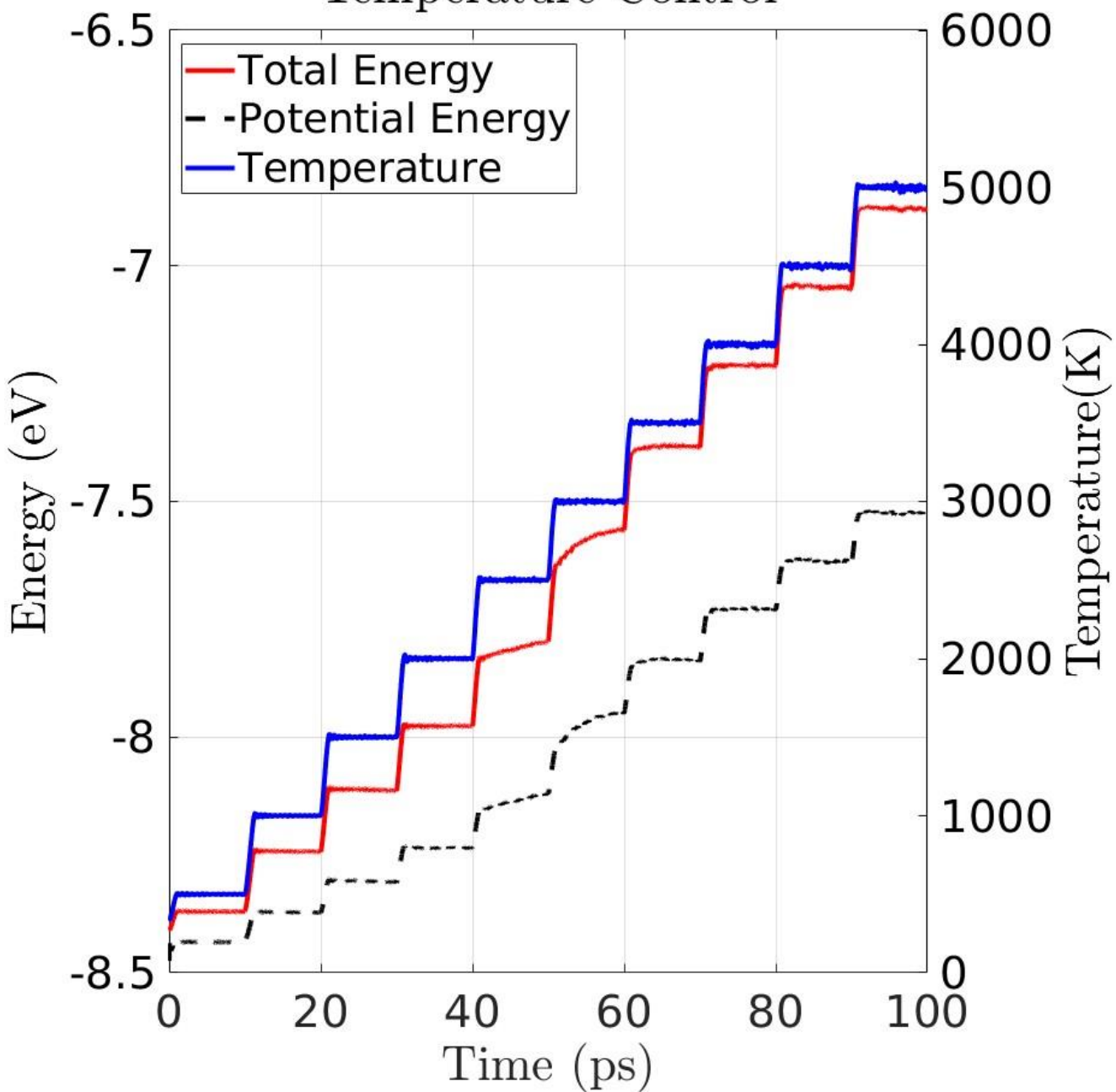
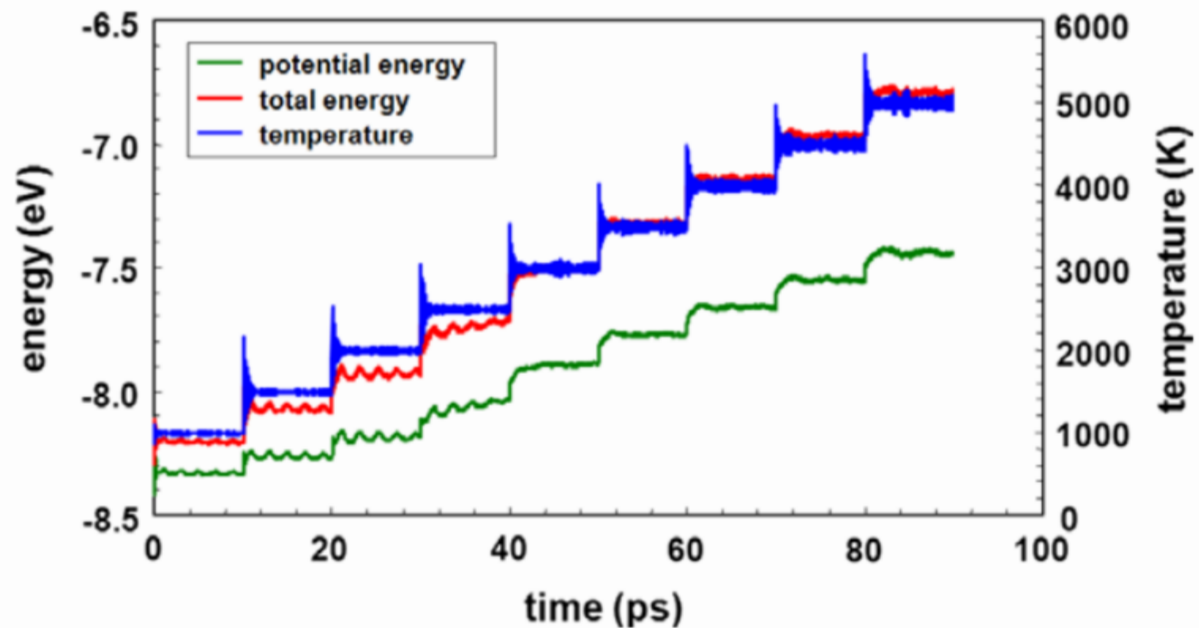


# Temperature Control

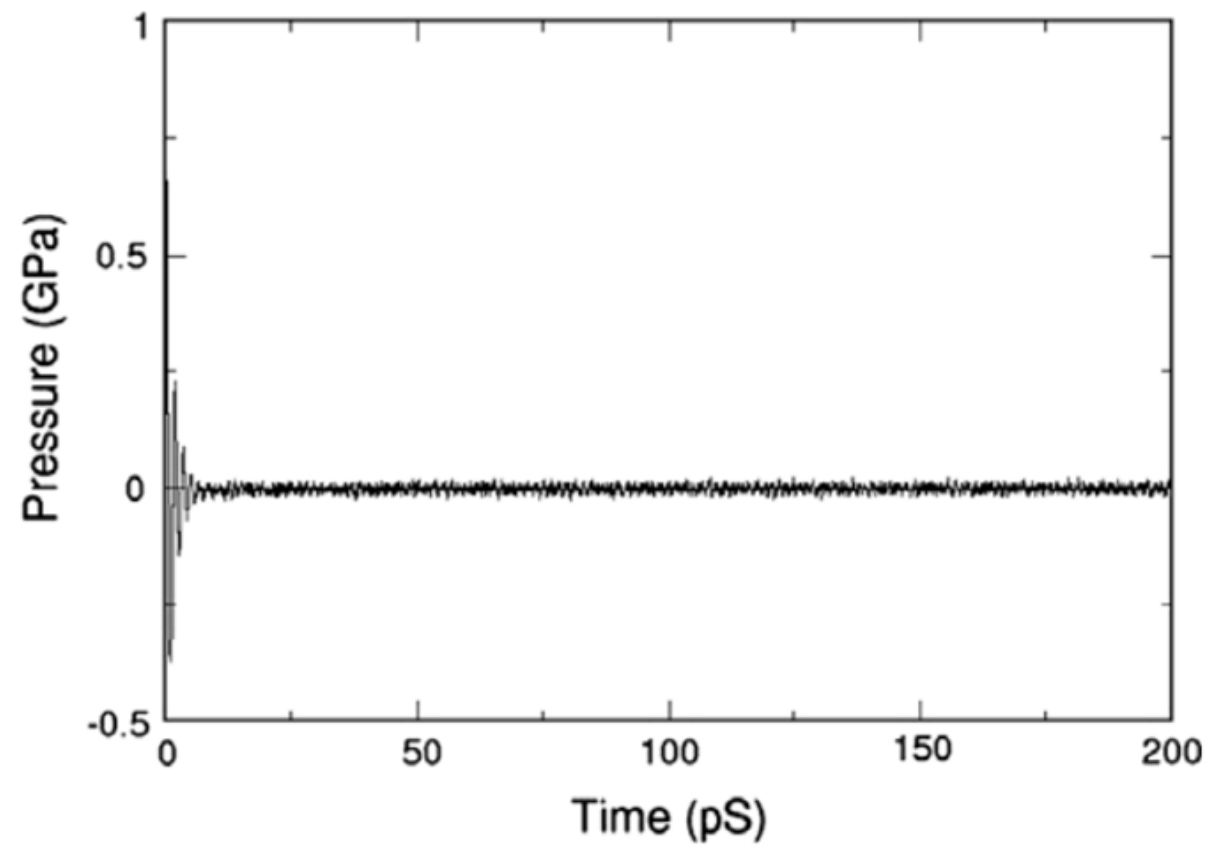
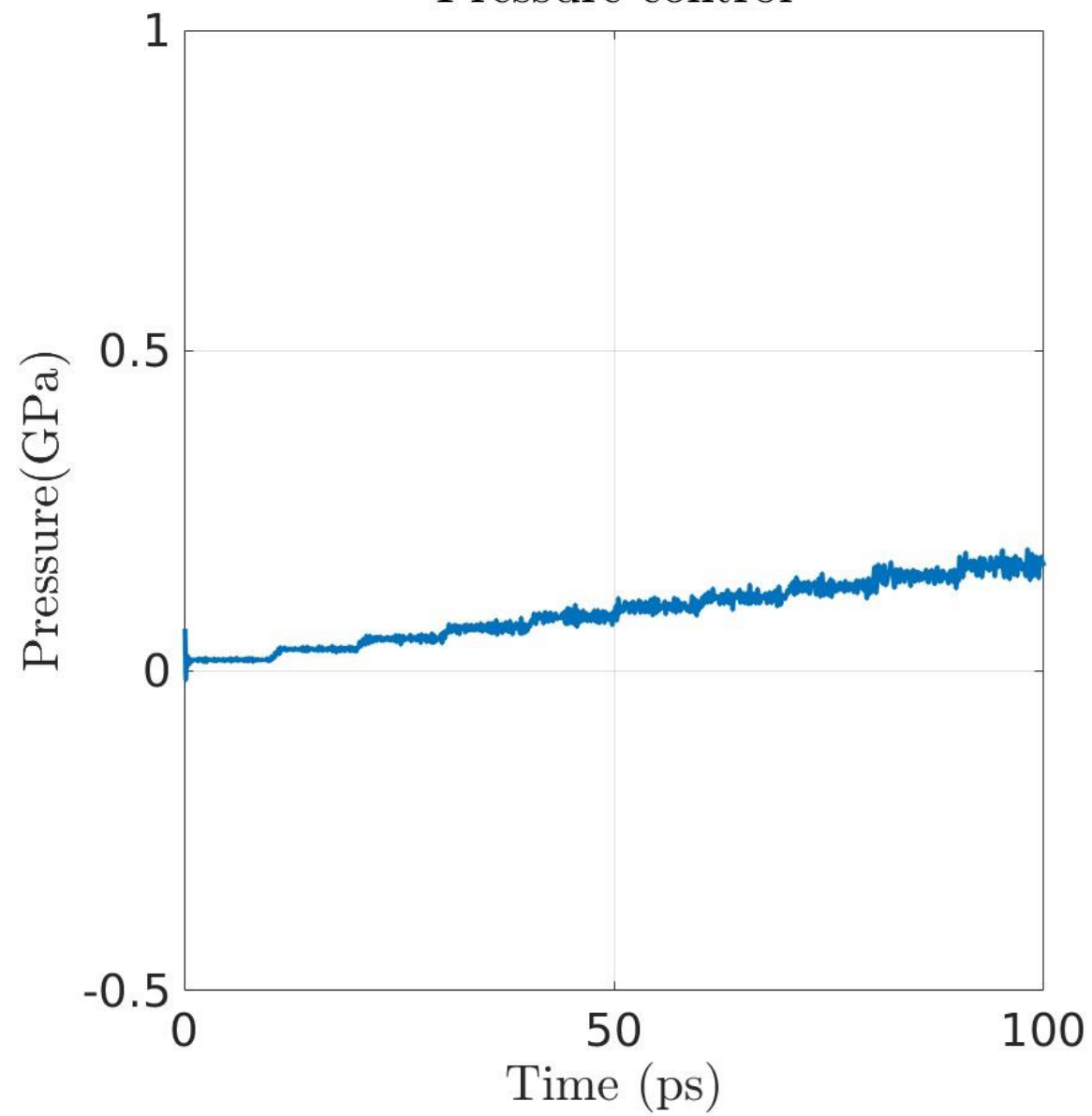


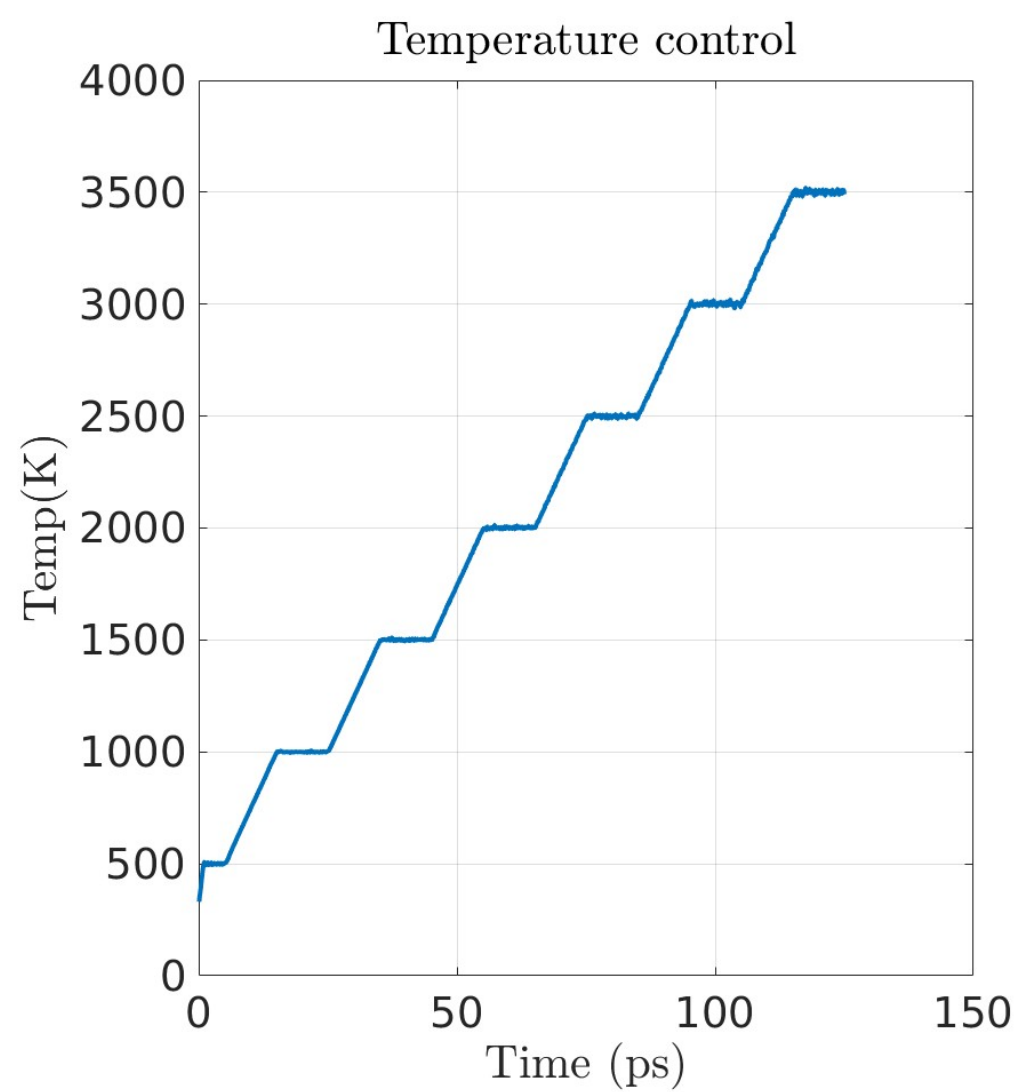
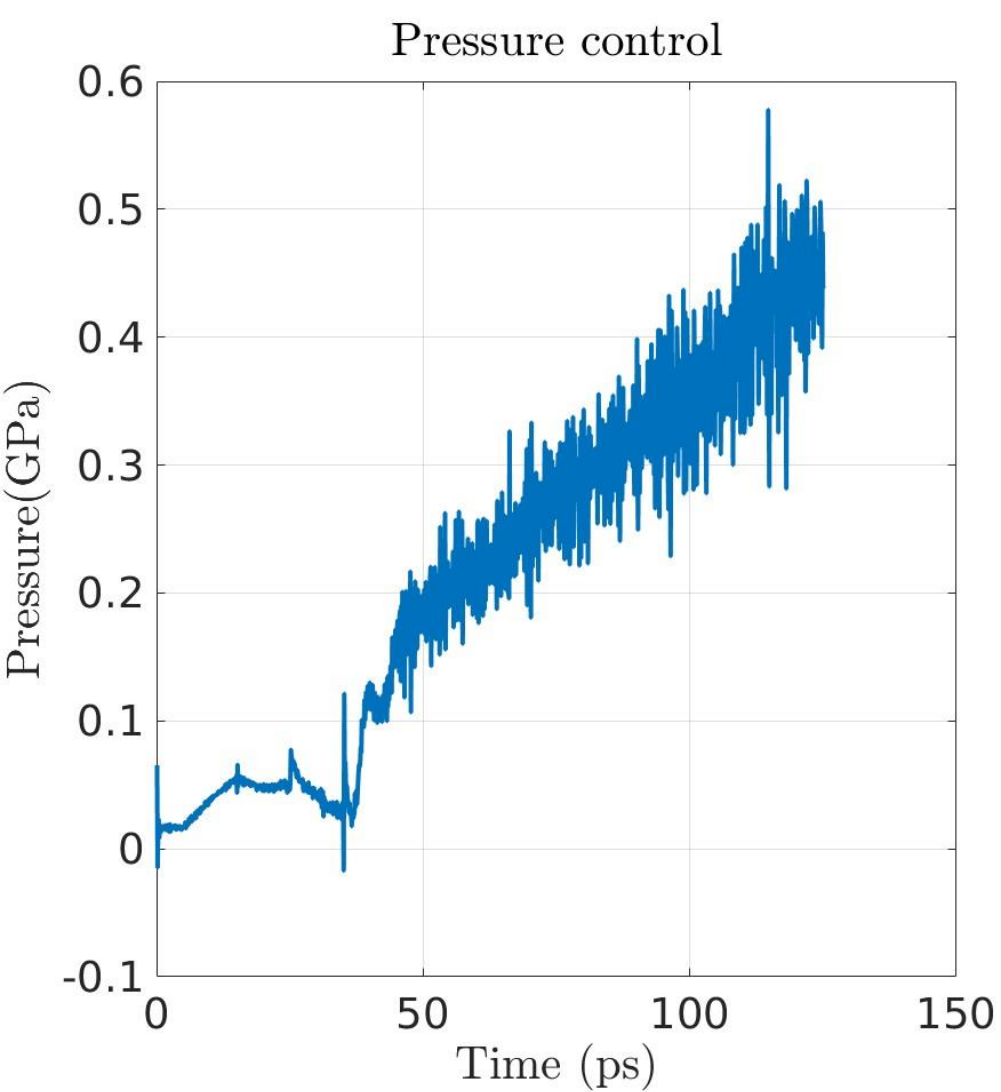
# Isothermal-isobaric system check



- 1) Isothermal – isobaric sintering condition
- 2) Temperature ramp up of 500 K every 10 ps
- 3) Pressure held at 0 Gpa
- 4) System averaged Per atom total and potential energy

Pressure control





- 1) Equilibrated at 500 K and 0 GPa for 5 ps
- 2) Temp ramped up at 50 K/ps
- 3) Equilibrated at each temperature step for 10 ps
- 4) Pressure ramped up from 0 to 0.5 GPa linearly throughout the duration of the run
- 5) [Sintering Video hyperlink](#)