

# **Early Decay Mechanism of Shocked $\epsilon$ -CL-20: A Molecular Dynamics Simulation Study**

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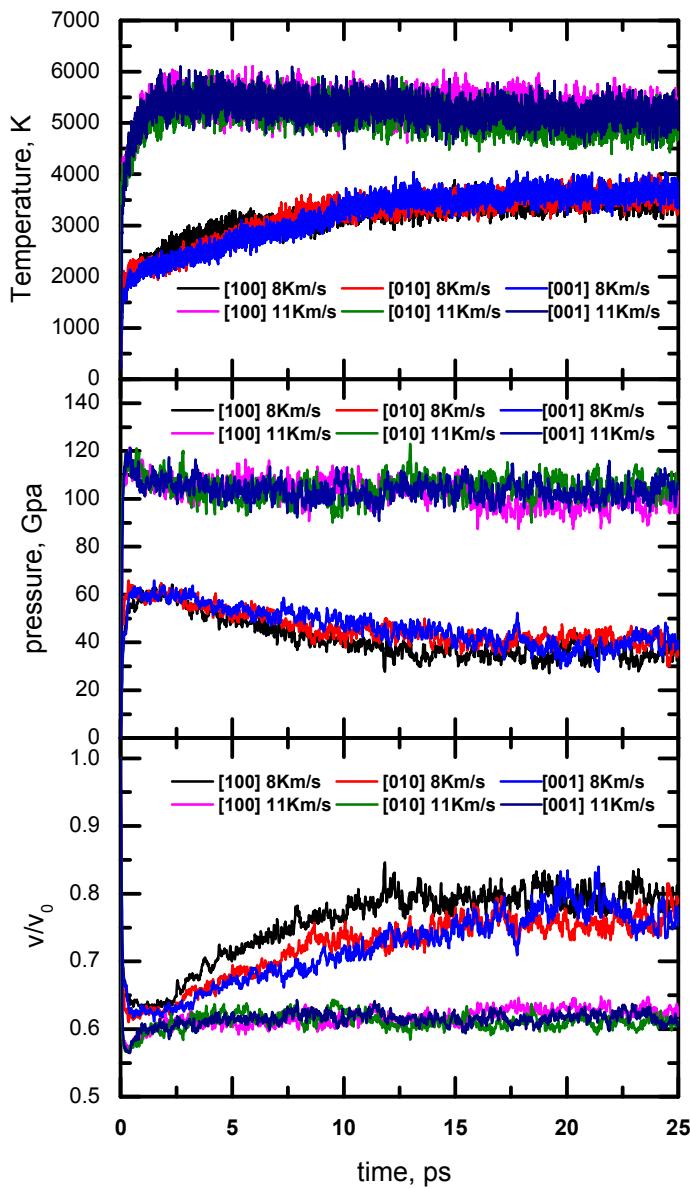
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**S1: Temperature, pressure and volume evolution of shocked  $\epsilon$ -CL-20 at various Us along [100], [010] and [001] orientations.**

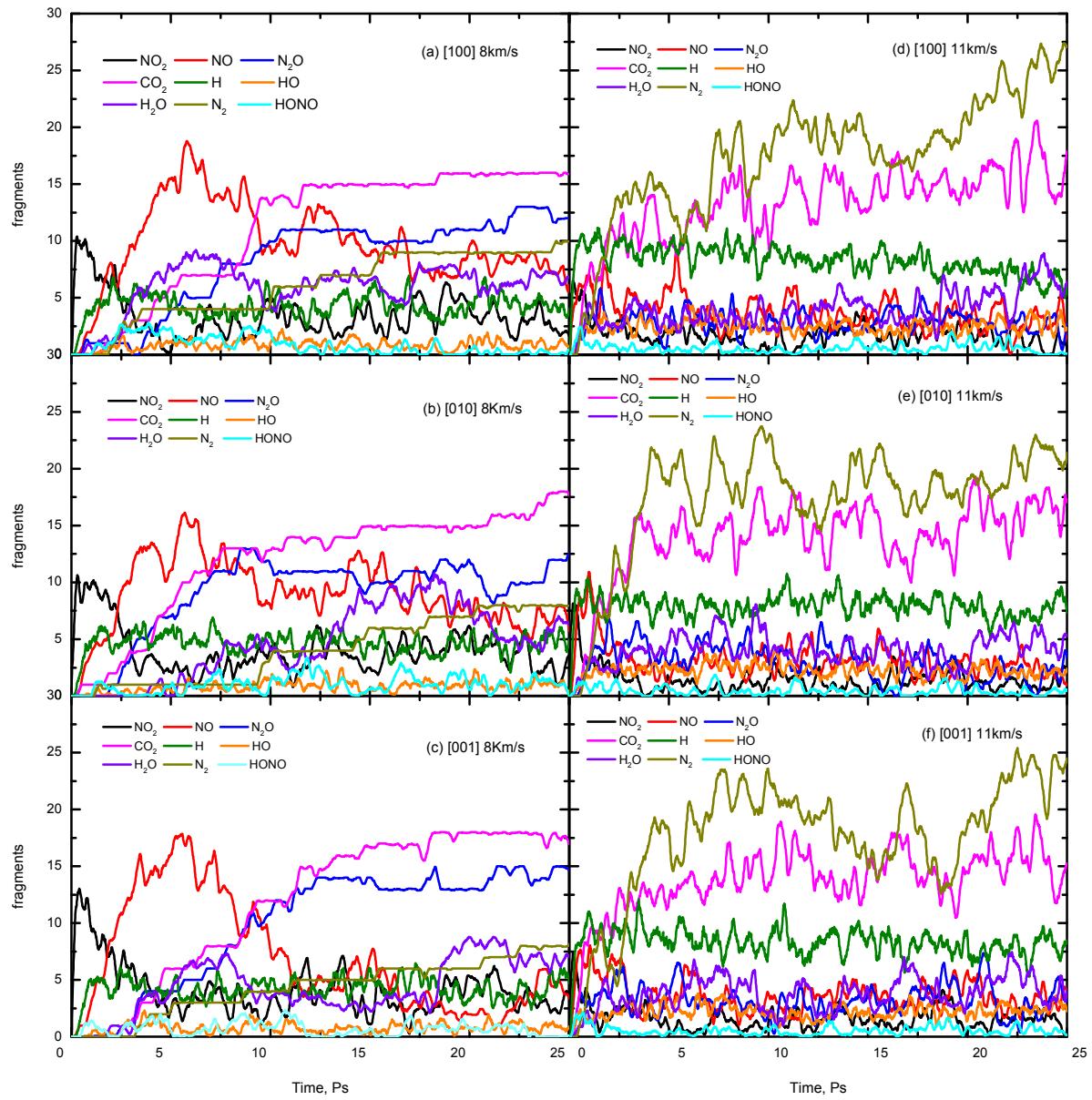
**S2: Evolution of the number of chemical species when  $\epsilon$ -CL-20 against shock with Us of 8 and 11 km/s along [100], [010] and [001] orientations.**

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**Figure S1.** Temperature, pressure and volume evolution of shocked  $\epsilon$ -CL-20 with various Us along [100], [010] and [001] orientations.

**S2: Evolution of the number of chemical species when  $\epsilon$ -CL-20 against shock with Us of 8 and 11 km/s along [100], [010] and [001] orientations.**



**Figure S2.** Evolution of the number of chemical species when  $\epsilon$ -CL-20 against shock with Us of 8 and 11 km/s along [100], [010] and [001] orientations.