

Analyze REFLIN times

John Minter

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Abstract

The objective was to understand the change in simulation times as a function of the tolerance setting. I used a series of simulations using the **Zn L3-M4** transition to reach the REFLIN criterion using values of $5.0e^{-1}$, $4.0e^{-1}$, $3.0e^{-1}$, $2.0e^{-1}$, $1.0e^{-1}$. This was a fairly weak transition (0.1140) compared to the stronger **Zn L3-M5** transition (1.0). Still, I want to see how the simulation scales with the value of the uncertainty criterion.

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