

# The True Nature of the Energy Calibration for Nuclear Resonant Vibrational Spectroscopy: A Time-Based Conversion

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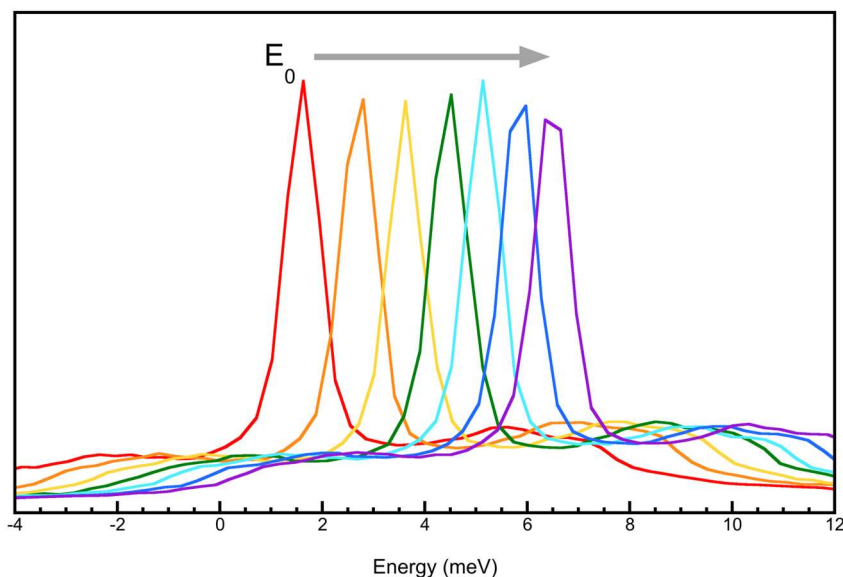
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Supporting Information (SI):



**Figure S1.** A series of NRVS spectra for  $^{57}\text{Fe}$  powder: the  $E_0$  position drifts to the higher-energy direction as scanning time increases (red  $\rightarrow$  orange  $\rightarrow$  yellow  $\rightarrow$  green  $\rightarrow$  cyan  $\rightarrow$  dark blue  $\rightarrow$  purple).