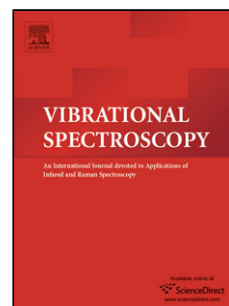


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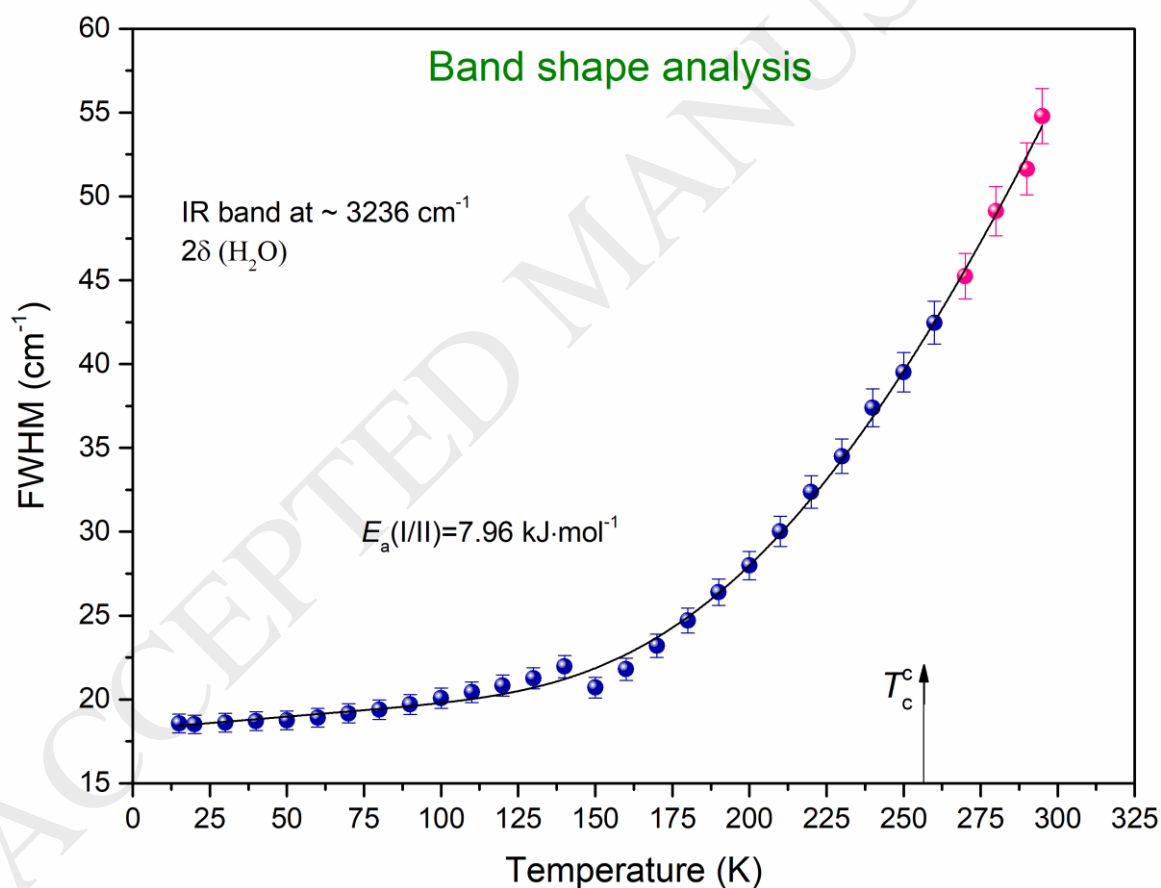
# Vibrational and reorientational dynamics and thermal properties in $[\text{Mg}(\text{H}_2\text{O})_4](\text{ReO}_4)_2$ supported by Periodic DFT study

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