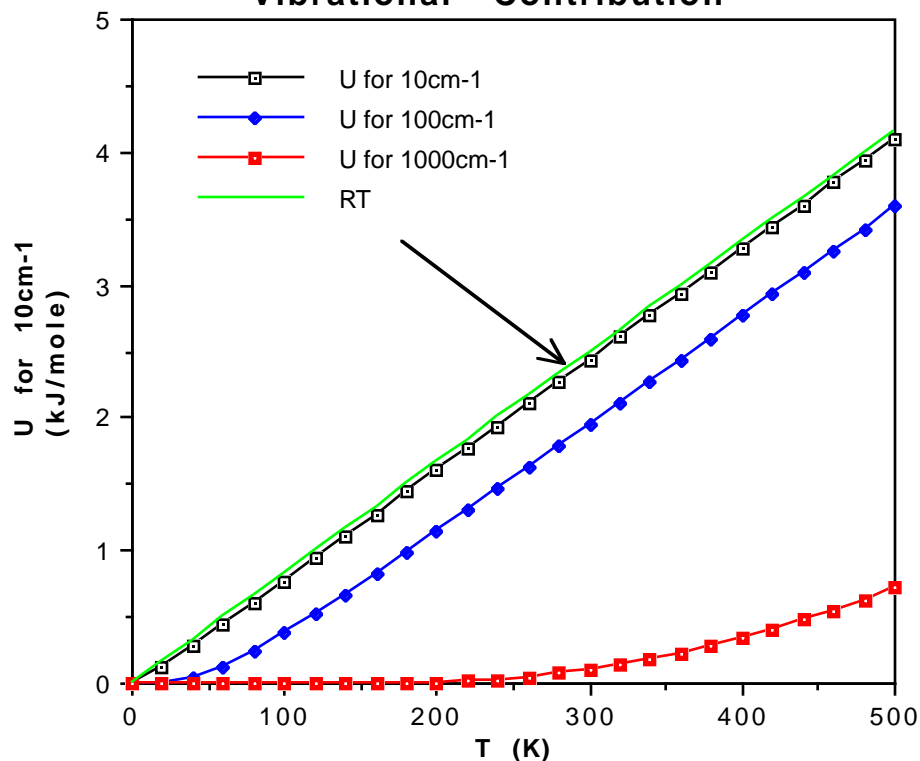


Internal Energy vs. T
Vibrational Contribution



Gibb's Free Energy vs. T
Vibrational Contribution

