

Phonon properties of the lower mantle minerals by inelastic x-ray scattering

*Hiroshi Fukui¹, Akira Yoneda², Takashi Yoshino², Alfred Q.R. Baron³

1.Graduate School of Material Science, University of Hyogo, 2.Institute for Study of the Earth's Interior, Okayama Univeristy, 3.RIKEN SPring-8 Center

Inelastic x-ray scattering is a useful technique to obtain phonon properties of lower mantle minerals with single crystal samples. We would like to discuss what kind of information can be derived from IXS spectra and how to do it with treating bridgmanite and ferropericlase as examples.

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