

Supplementary information

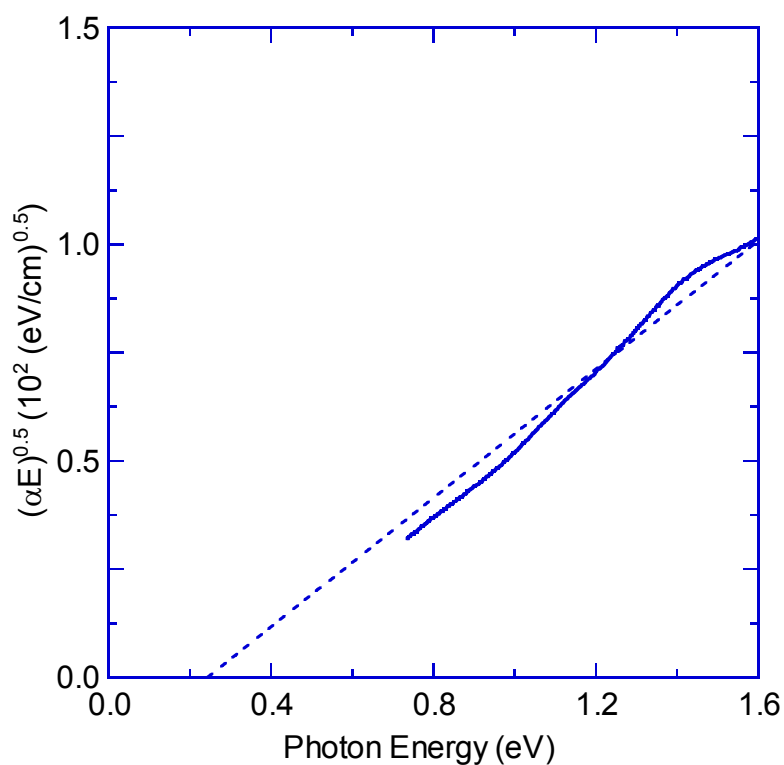
Electronic structure and lattice dynamics of Ba₂CuTeO₆ single crystals

Yun Chen Chung¹, Sunil K. Karna², Fan-Cheng Chou², and Hsiang-Lin Liu^{1,*}

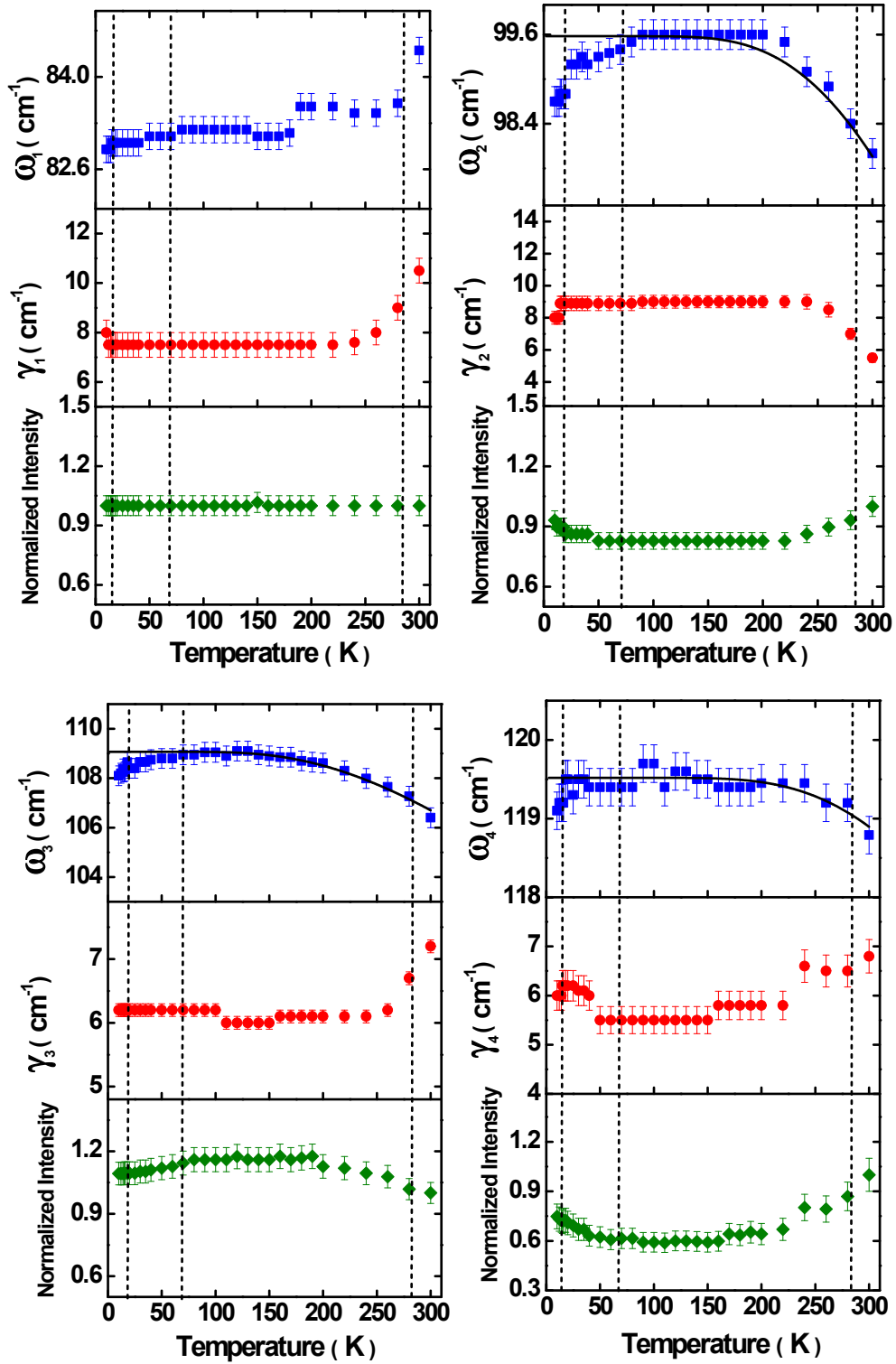
¹ Department of Physics, National Taiwan Normal University, Taipei 11677, Taiwan

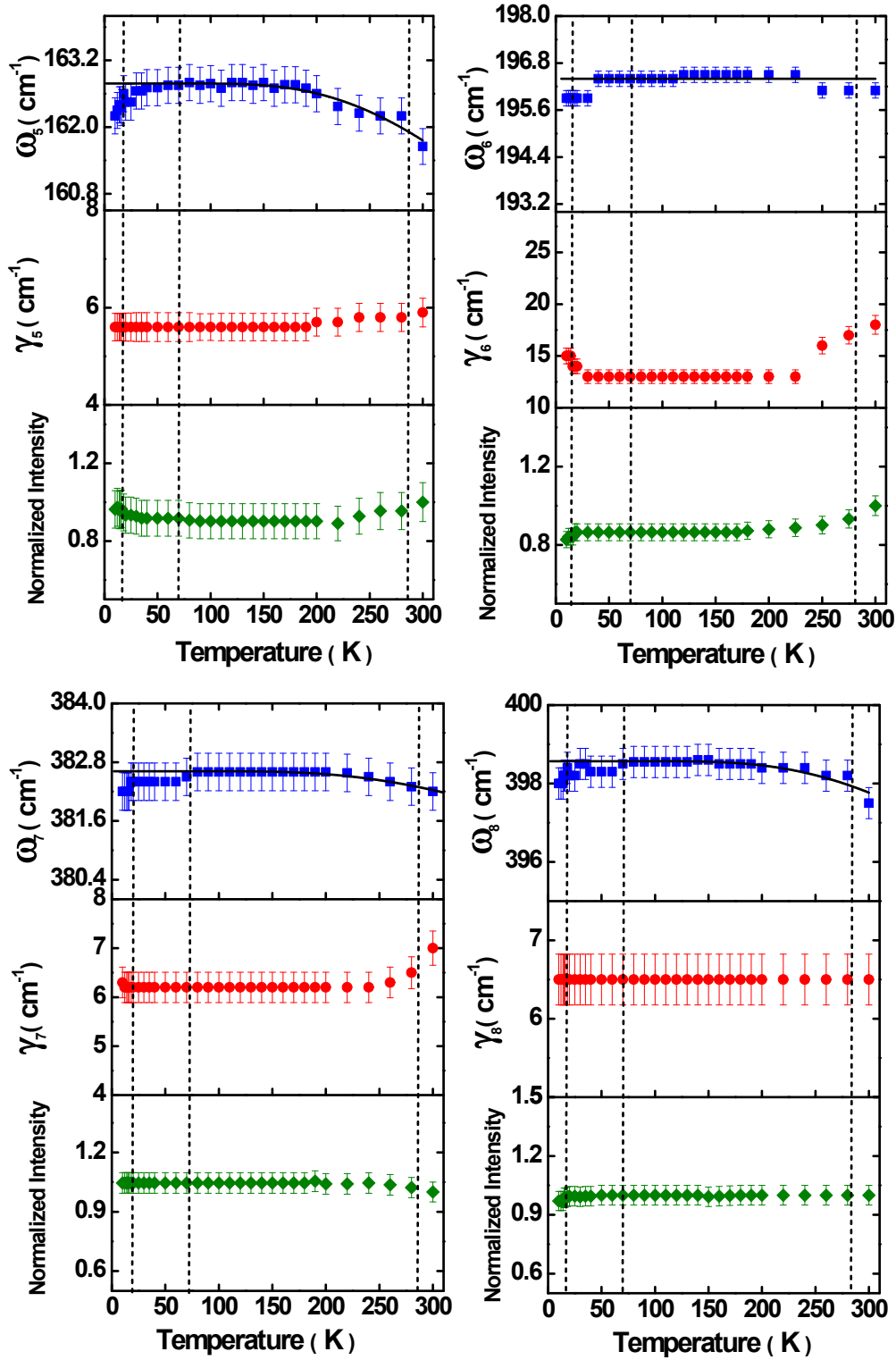
² Center for Condensed Matter Sciences, National Taiwan University, Taipei 10617, Taiwan

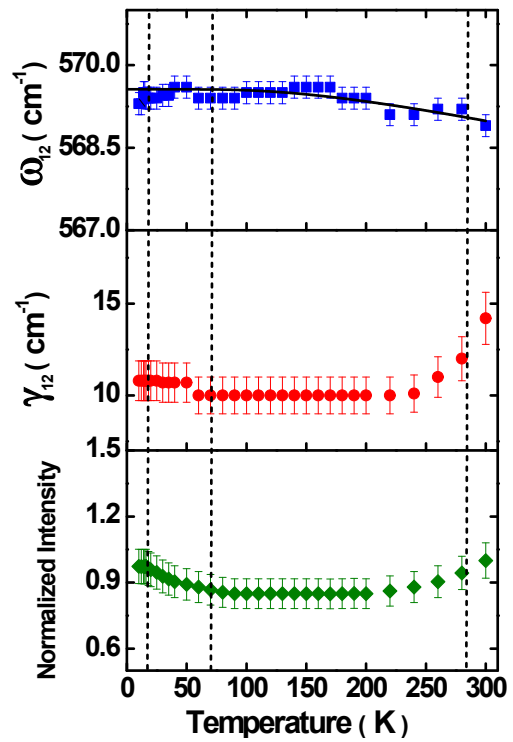
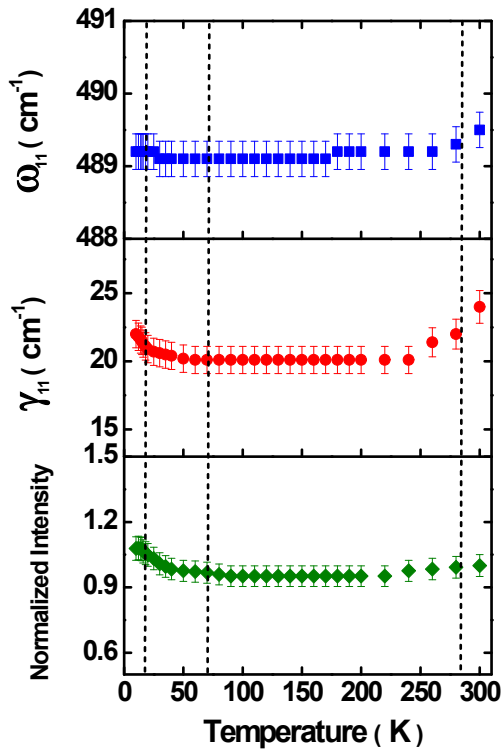
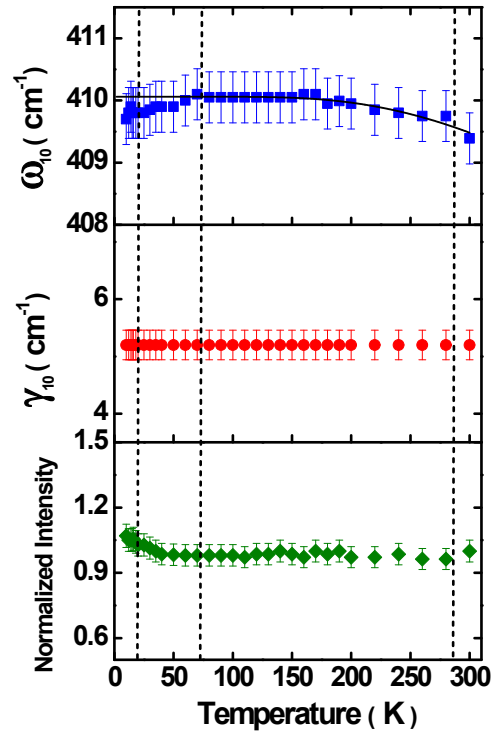
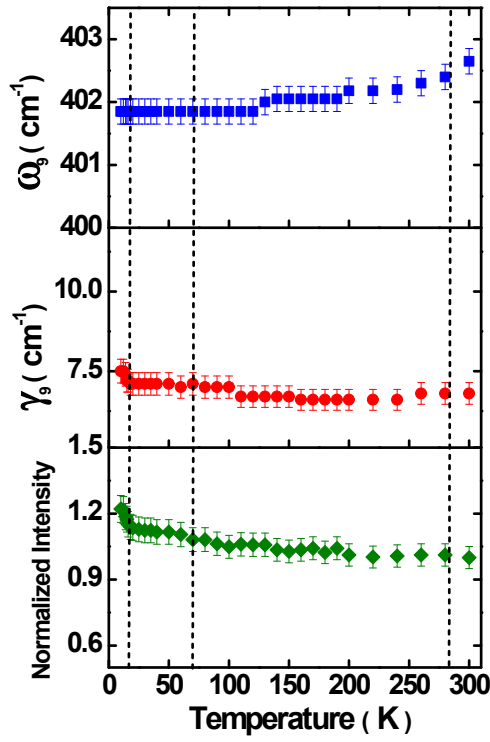
*Corresponding author: hliu@ntnu.edu.tw

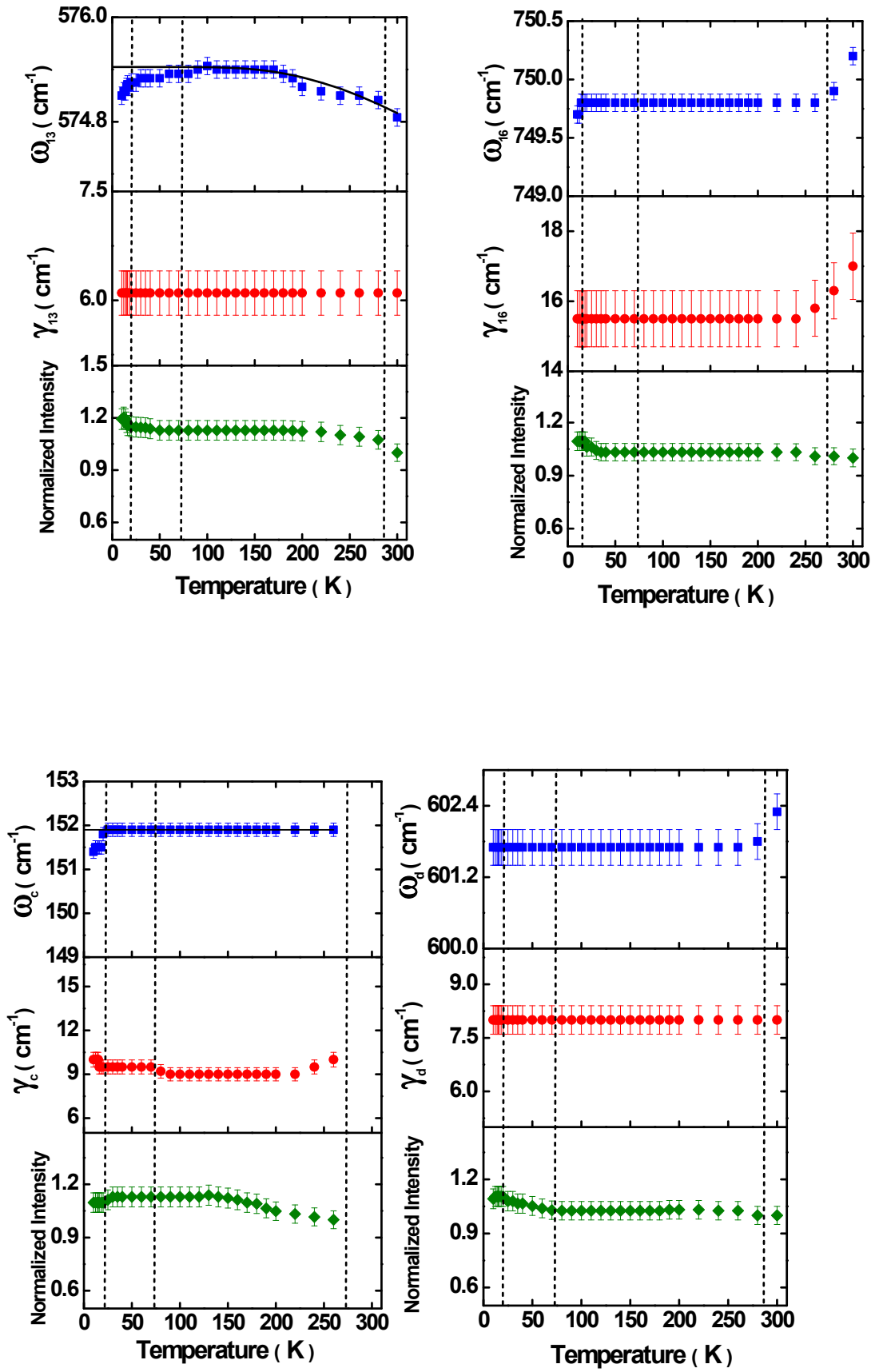


Supplementary Fig. 1 The indirect band gap analysis of Ba₂CuTeO₆.









Supplementary Fig. 2 Temperature dependence of peak energy, damping, and normalized intensity of $\text{Ba}_2\text{CuTeO}_6$.