Supporting Information for

Covalency Competition in the Quadruple Perovskite $CdCu_3Fe_4O_{12}$

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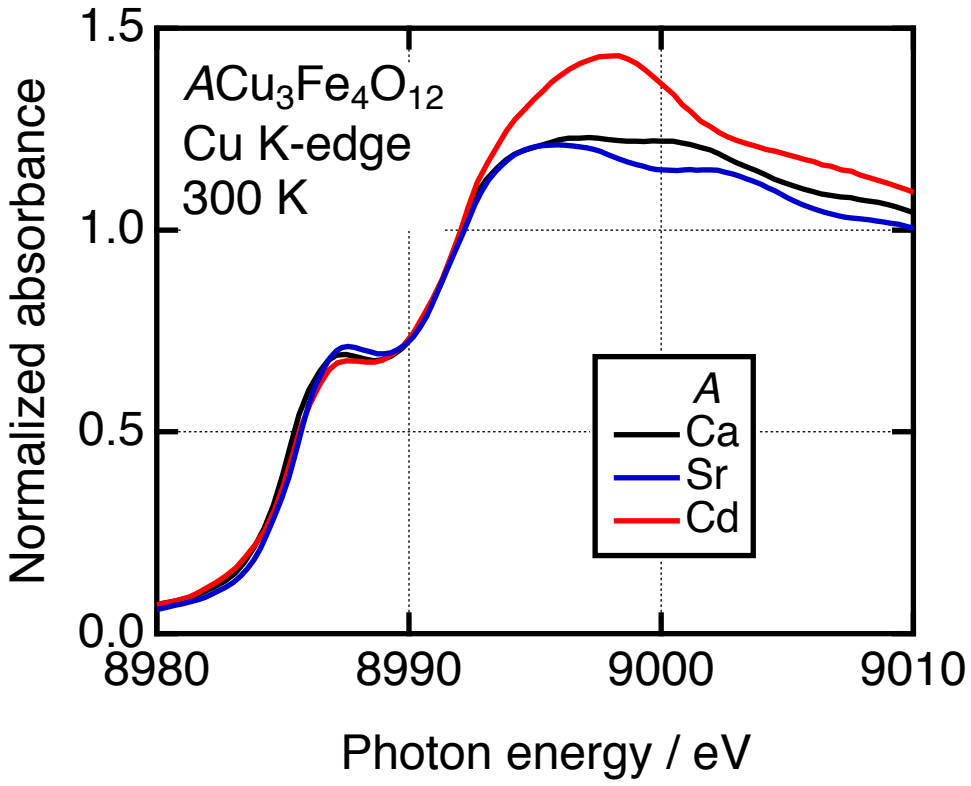

Figure S1. XANES spectra of Cu K-edge at 300 K for ACu$_3$Fe$_4$O$_{12}$ (A = Cd, Ca, Sr). The data for A = Ca and Sr are taken from the references.[1-2]

References

(1) Yamada, I.; Shiro, K.; Etani, H.; Marukawa, S.; Hayashi, N.; Mizumaki, M.; Kusano, Y.; Ueda, S.; Abe, H.; Irifune, T., *Inorg. Chem.* **2014**, *53*, 10563.
(2) Yamada, I.; Murakami, M.; Hayashi, N.; Mori, S., *Inorg. Chem.* **2016**, *55*, 1715.