

Electronic Supporting Information of

Observation of charge bistability in quasi-one-dimensional
halogen-bridged palladium complexes by X-ray absorption
spectroscopy

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Experimental Section

Compounds **1** to **3** were synthesized according to the literatures.^{1,2,3} XANES and EXAFS measurements were performed on the NW10A beamline in the Photon Factory of the High Energy Accelerator Research Organization. Data analyses were performed on the Demeter software platform.⁴

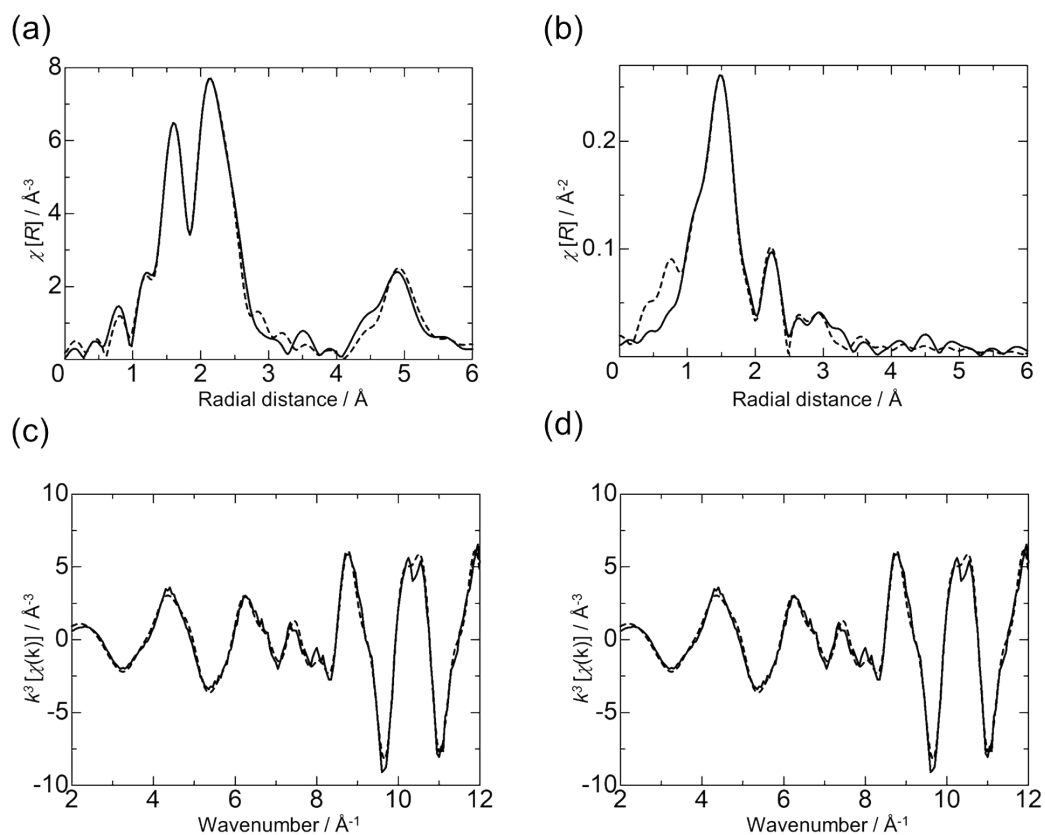


Fig. S1 (a) Fourier transform of EXAFS for **1** at 50 K, solid: experimental; dash: fit. (b) Fourier transform of EXAFS for **2** at 50 K, solid: experimental; dash: fit. (c) EXAFS oscillation for **1** at 50 K, solid: experimental; dash: fit. (d) EXAFS oscillation for **2** at 50 K, solid: experimental; dash: fit.

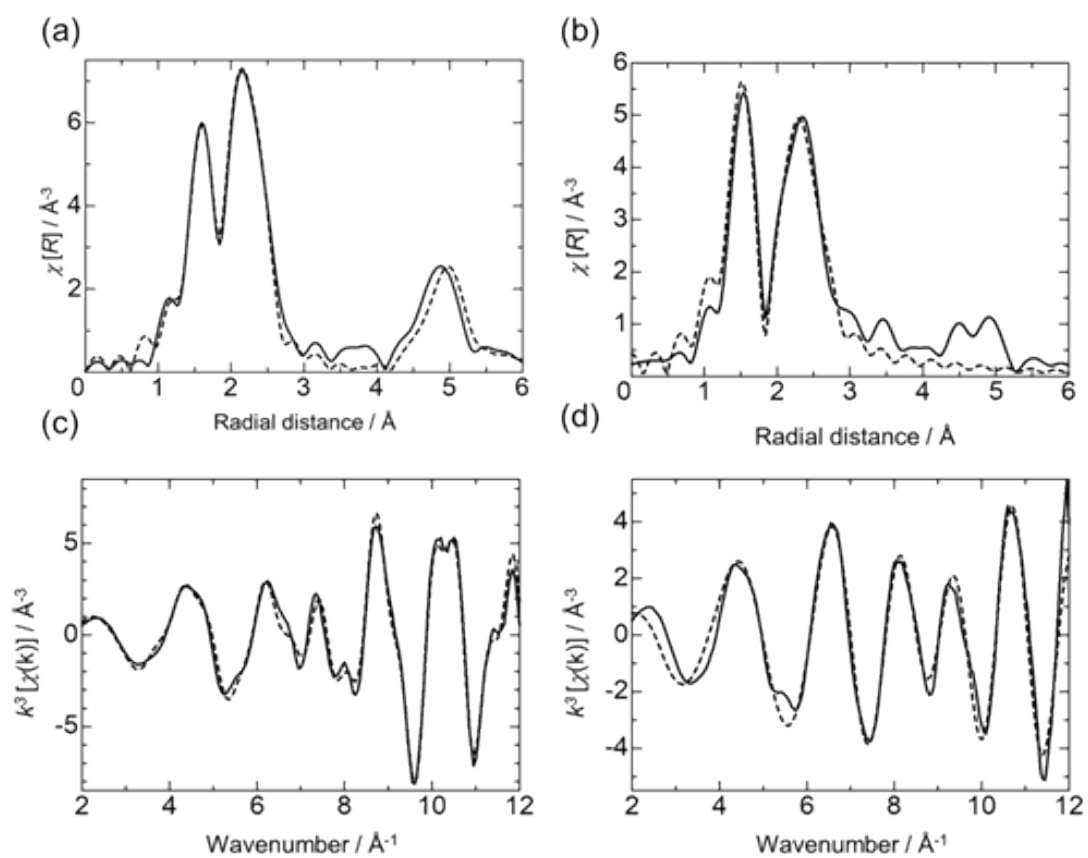


Fig. 2S Fourier transform of EXAFS and EXAFS oscillation in **3** at 100 K ((a) and (c)) and 250 K ((b) and (d)), respectively. Solid and dash lines represent experimental and fitted data, respectively.

References

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