

Supplementary Materials: Hydrogen/Deuterium Dynamics in Hydroxyl Salts $\text{Co}_2(\text{OH})_3\text{Br}/\text{Co}_2(\text{OD})_3\text{Br}$ Revealed by Muon Spin Relaxation

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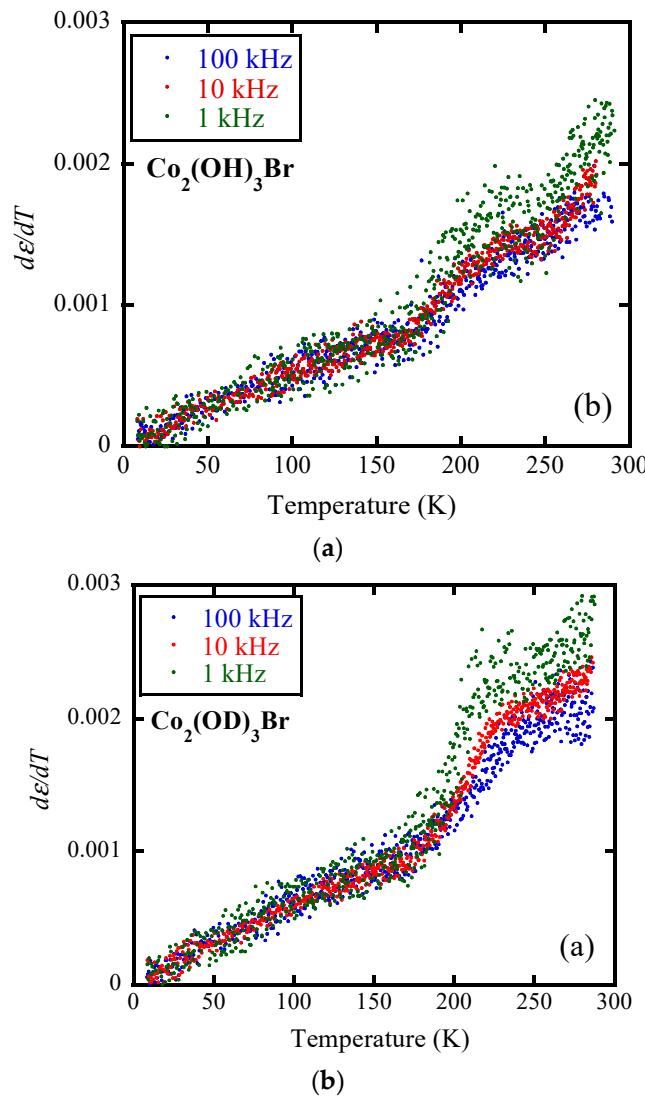


Figure S1: Temperature dependence of the $d\epsilon/dT$ for (a) $\text{Co}_2(\text{OD})_3\text{Br}$ and (b) $\text{Co}_2(\text{OH})_3\text{Br}$, respectively, measured at frequencies of 100, 10, and 1 kHz.

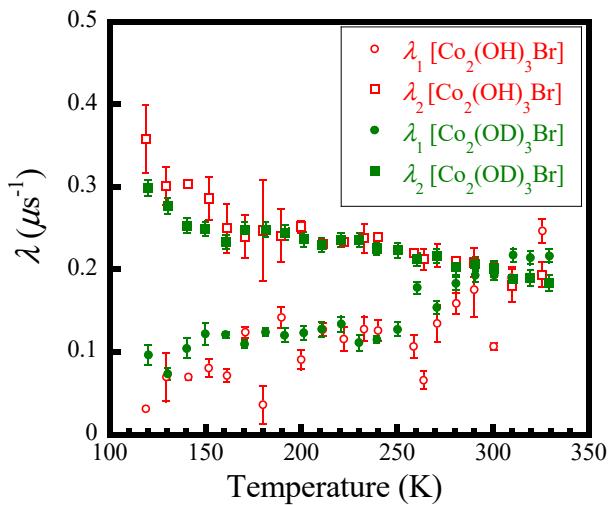


Figure S2: Temperature dependence of the exponential relaxation rates λ_1 and λ_2 for $\text{Co}_2(\text{OH})_3\text{Br}/\text{Co}_2(\text{OD})_3\text{Br}$.

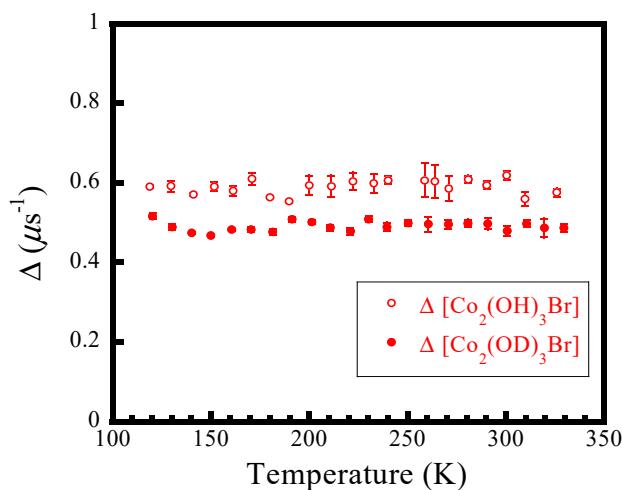


Figure S3: The temperature dependence of the nuclear dipolar line widths Δ for $\text{Co}_2(\text{OH})_3\text{Br}/\text{Co}_2(\text{OD})_3\text{Br}$.