

Supporting information

Belonging to the manuscript

Complex transition metal hydrides: linear correlation of counteranion electronegativity versus T–D bond lengths

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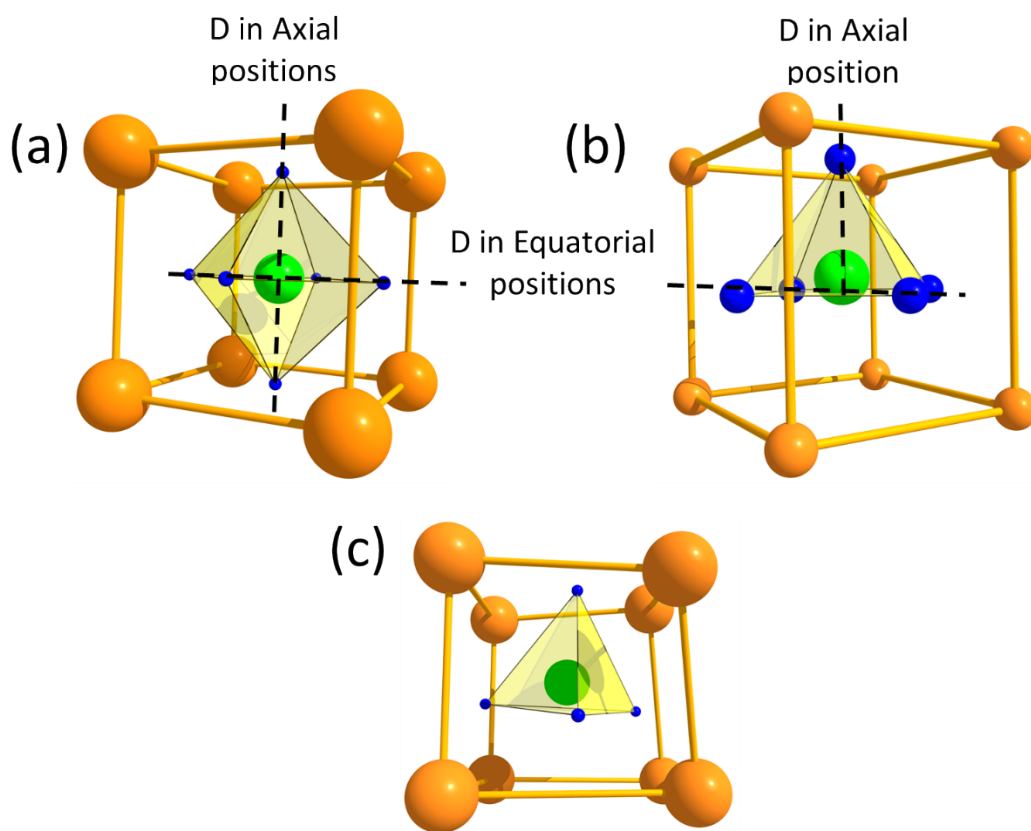


Fig. S1. Geometries of the $[TD_6]^{4-}$ ($T = \text{Fe, Ru}$) (a), $[\text{CoD}_5]^{4-}$ (b) and $[\text{NiD}_4]^{4-}$ (c) systems, emphasising the equatorial and axial positions of the D atoms. Blue spheres illustrate D positions; orange spheres indicate Mg and green spheres indicate T ($T = \text{Fe, Ru, Co, Ni}$).