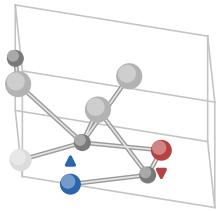
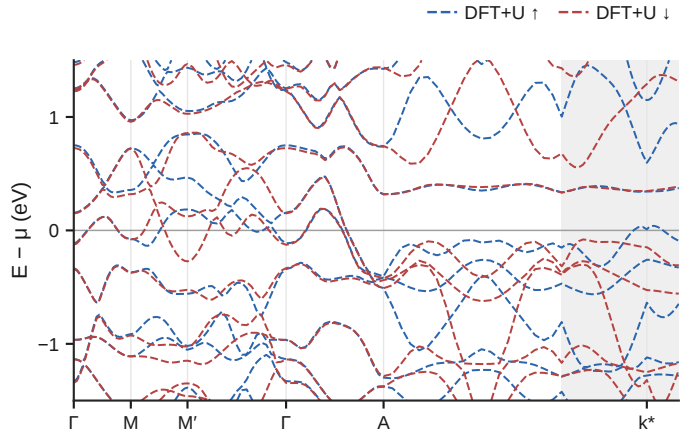
a $Hf_3Cr_2TcP_3$, a validated altermagnet



AFM1, Cr spins

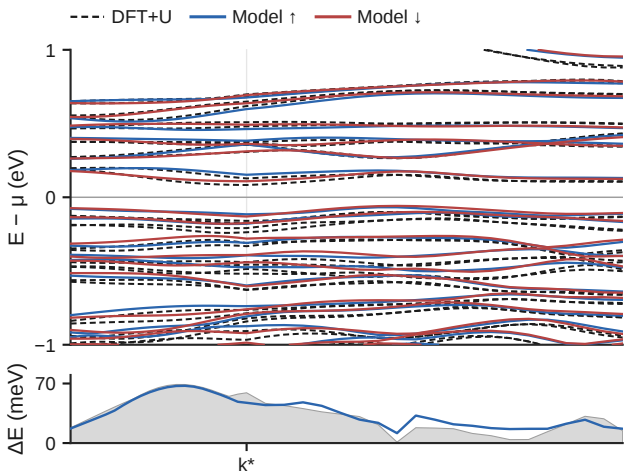


DFT+U spin splitting 469.2 meV

(full Brillouin zone, 9 × 9 × 9 mesh)

b Ag_3RuO_4 at U = 4 eV, bands near k*

Spin group $P4_122$ (amcheck)



Largest splitting within ±1 eV: model 67.3 meV, DFT+U 68.9 meV

strip: fill, DFT+U; line, model

c Model versus DFT+U splitting (9 of 24 candidates)

