

## Supporting Information

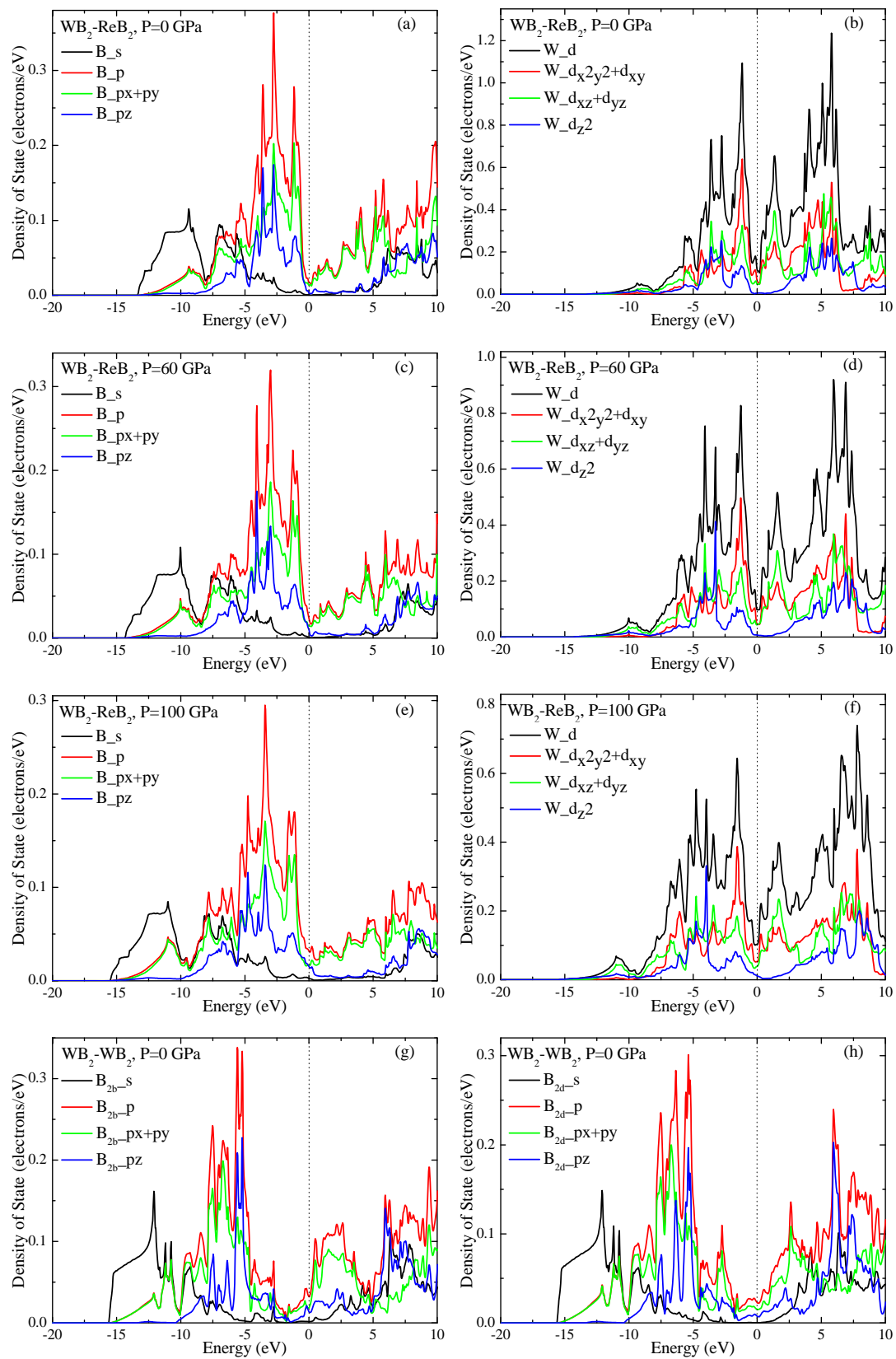
Phase stability and mechanical properties of tungsten borides from first principles

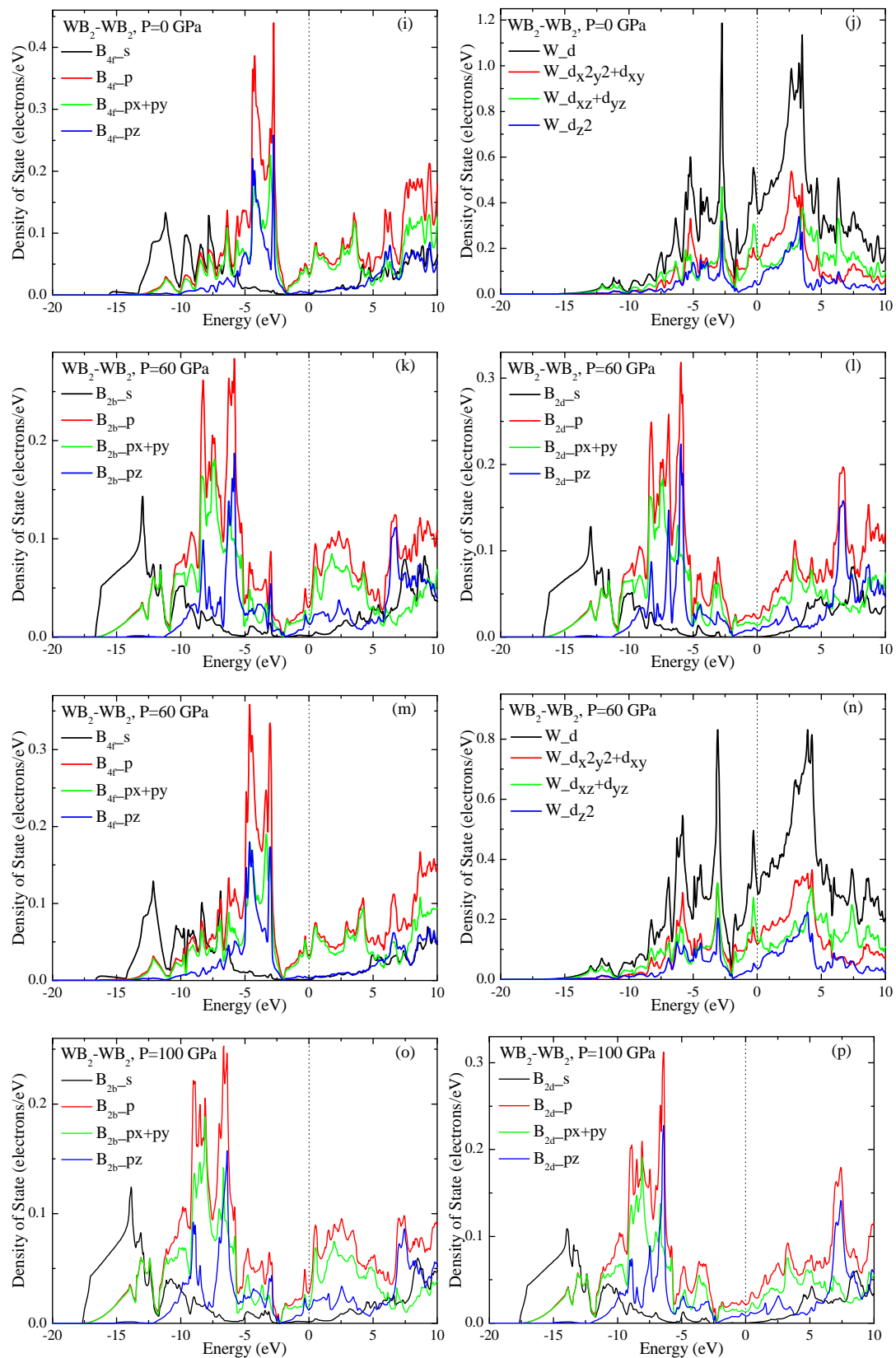
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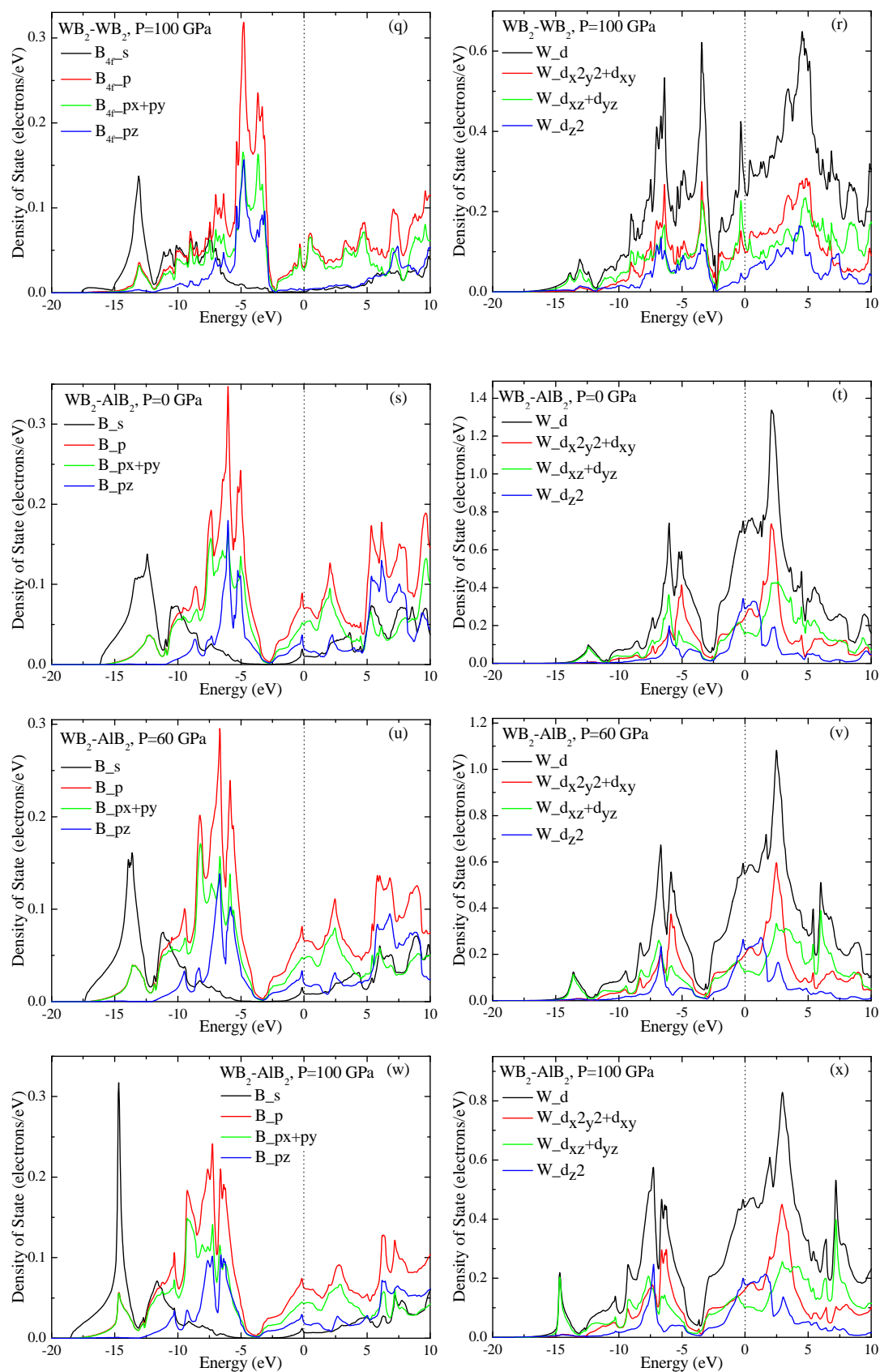


Fig. S1. Partial density of states for  $\text{WB}_2\text{-ReB}_2$  (a)-(f),  $\text{WB}_2\text{-WB}_2$  (g)-(r),  $\text{WB}_2\text{-AlB}_2$  (s)-(x) at 0, 60 and 100 GPa. The vertical dotted line at zero indicates the Fermi level.