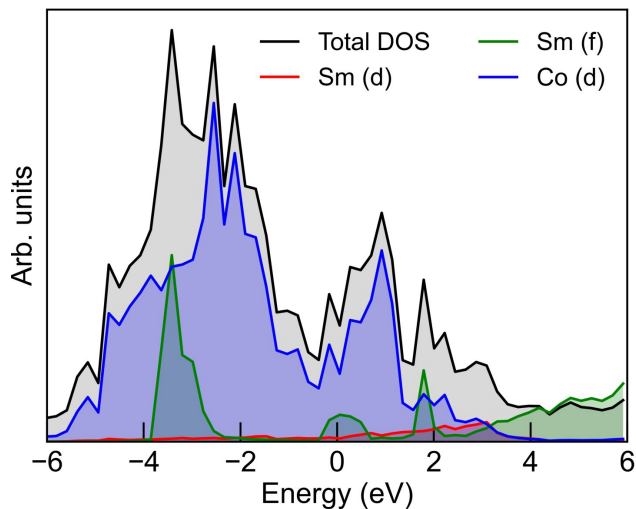
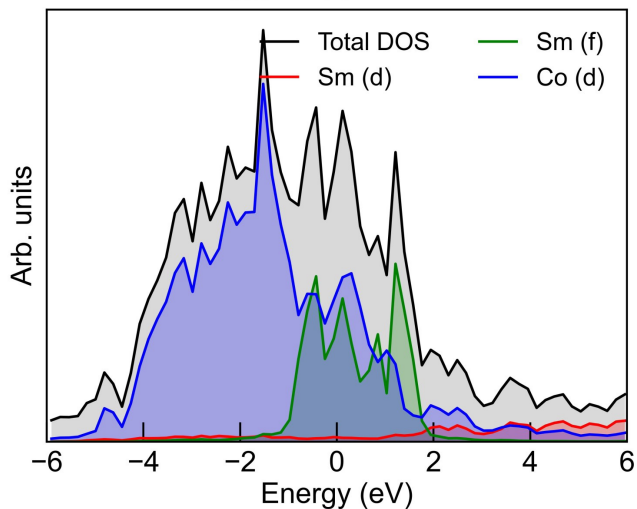


16 valence e^-
 $U_{\text{Sm}} = 4.7 \text{ eV}$, $U_{\text{Co}} = 2.22 \text{ eV}$



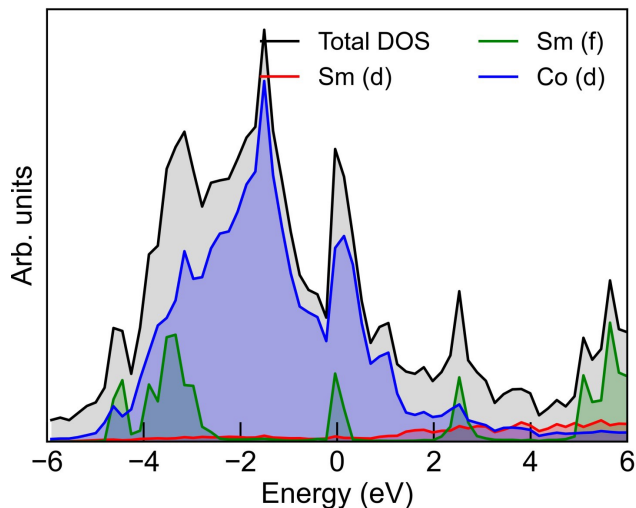
(a)

16 valence e^-
 $U_{\text{Sm}} = U_{\text{Co}} = 0 \text{ eV}$



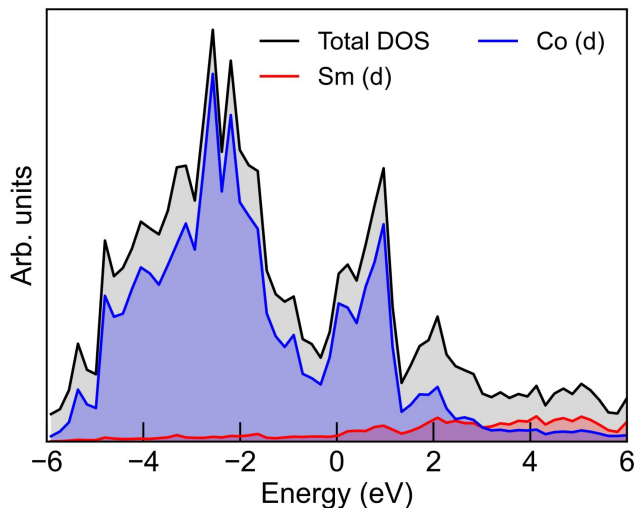
(b)

16 valence e^-
 $U_{\text{Sm}} = 6 \text{ eV}$, $U_{\text{Co}} = 0 \text{ eV}$



(c)

11 valence e^- (SRM)
 $U_{\text{Sm}} = 4.7 \text{ eV}$, $U_{\text{Co}} = 2.22 \text{ eV}$



(d)