

A new oxygen-free cobalt-based compound SmCoAsF with multiple magnetic transitions

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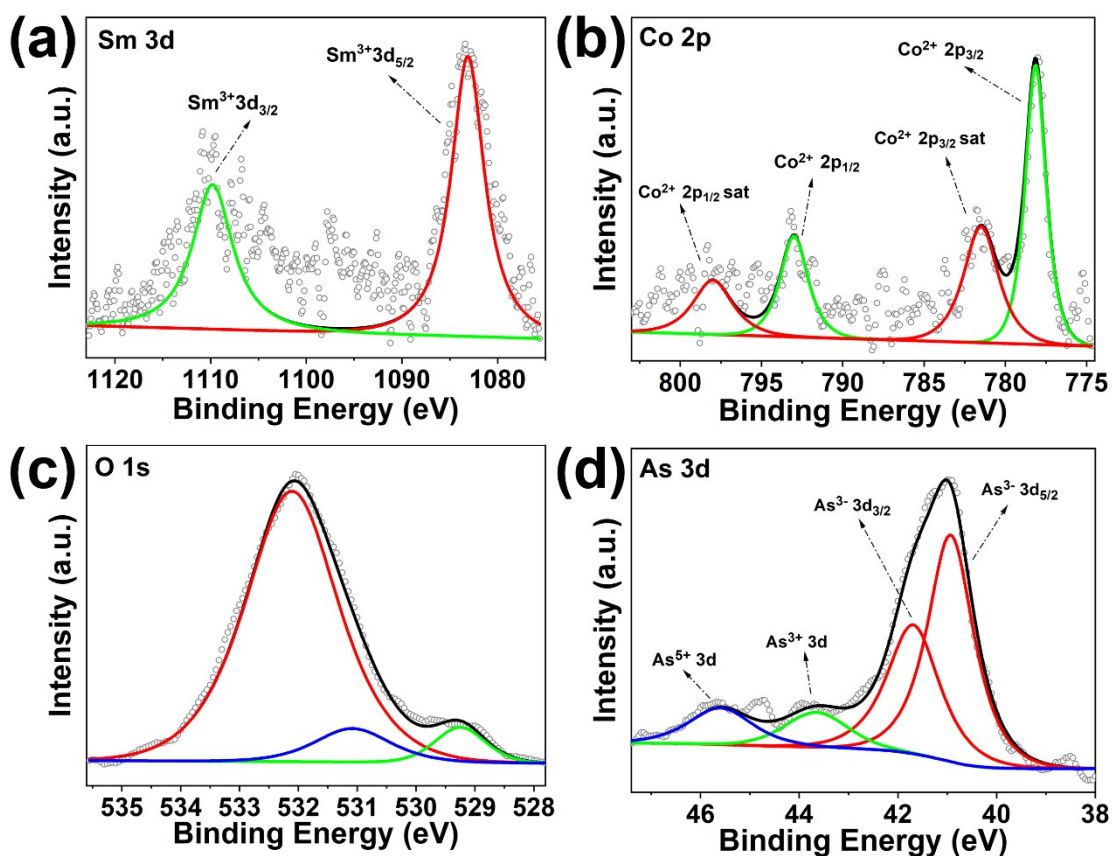


Fig. S1 XPS spectra for the (a) Sm 3d, (b) Co 2p, (c) O 1s and (d) As 3d of the as-synthesized sample SmCoAsF.