

Supplementary Materials

Crystal Structural Determination of SrAlD_5 with Corner-sharing AlD_6 Octahedron Chains by X-ray and Neutron Diffraction

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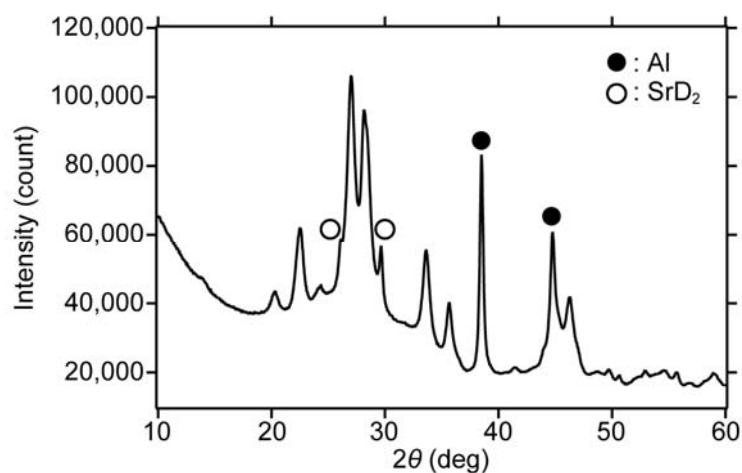


Figure S1. PXD pattern of SrAlD_5 . Closed and open circles represent Al and SrD_2 , respectively.

(a) Simulated SR-PXD and PND patterns

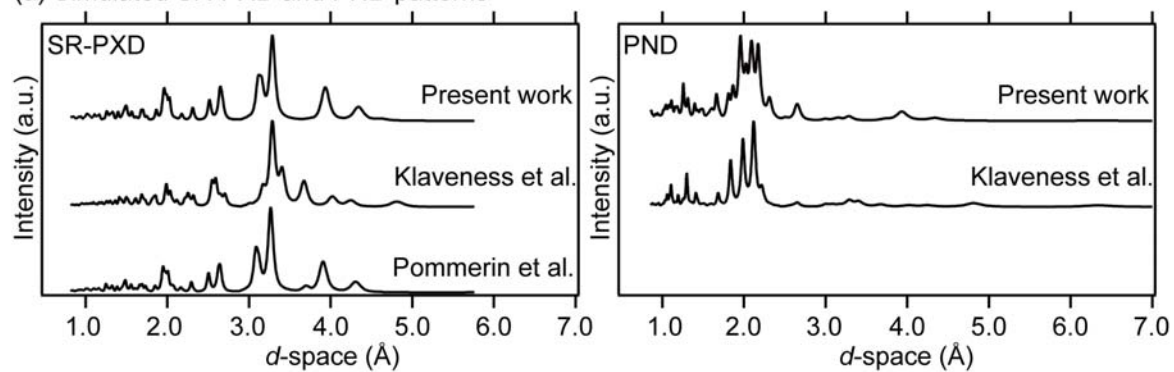
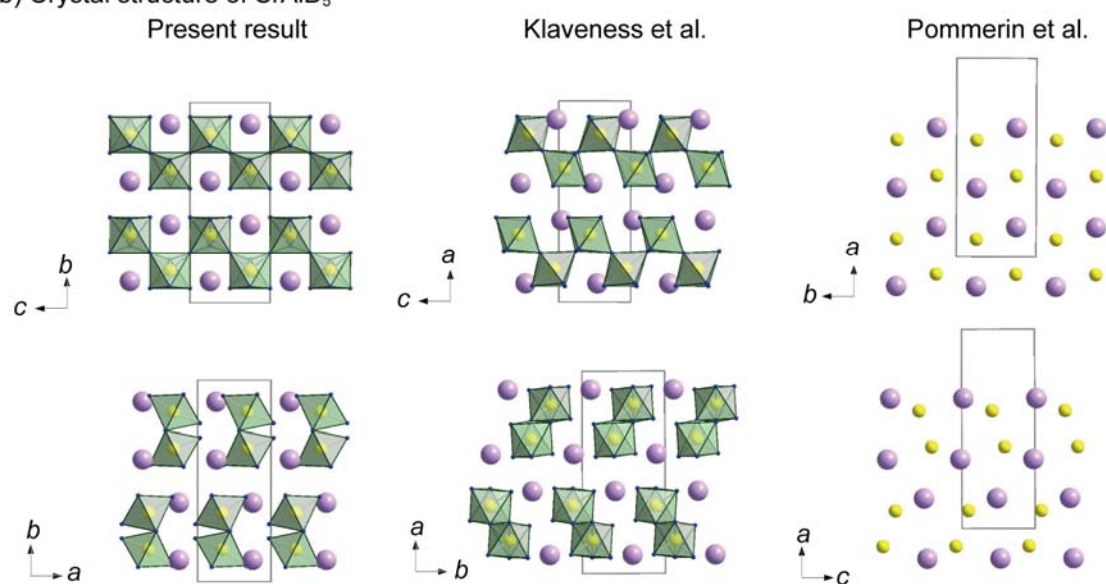
(b) Crystal structure of SrAlD_5 

Figure S2. (a) Simulated SR-PXD and PND patterns and (b) crystal structures of SrAlD_5 on the present result and reported by Klaveness et al. and Pommerin et al.