

Fig. 1: XPS spectrum of the Sb 3d region of an Sb ALD film contaminated in air (dark green: Sb (oxidized), green: Sb (metallic), blue: oxygen)

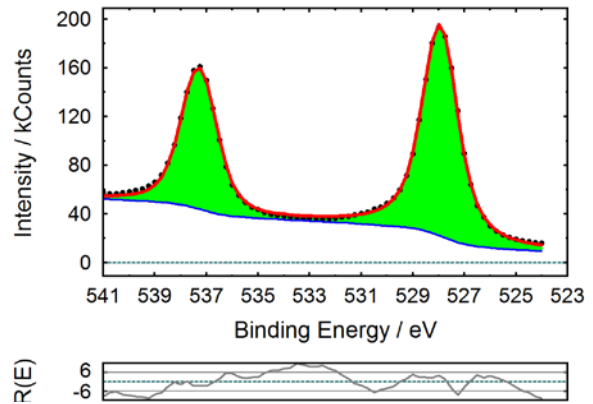


Fig. 2: XPS spectrum of the Sb 3d region of an Sb ALD film after 12s Ar sputtering (green: Sb (metallic))

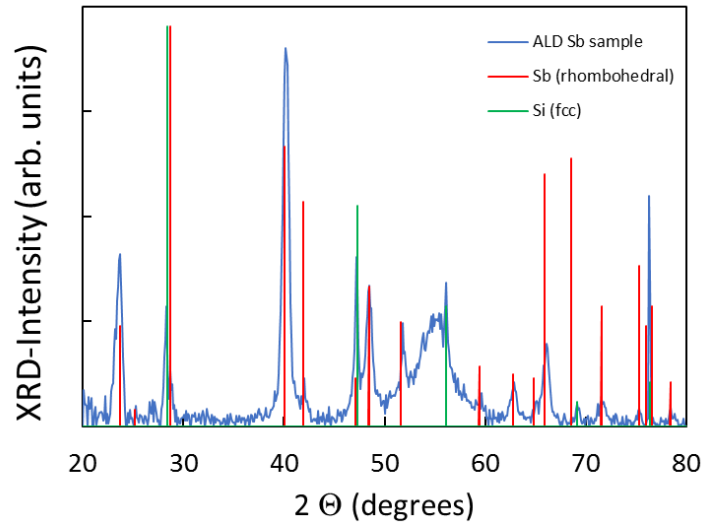


Fig. 3: Diffraction pattern of pure ALD Sb film deposited on silicon substrate without further annealing.