

Supporting information

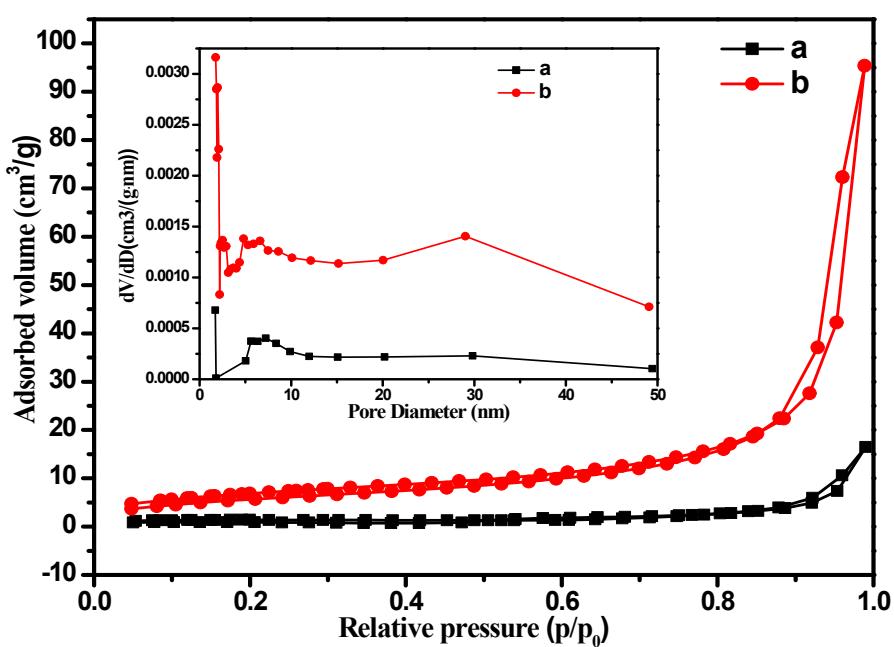


Fig. S1 Nitrogen adsorption isotherms and pore size distributions (insert) of (a) pure SnS_2 and (b) BiOI/SnS_2 .

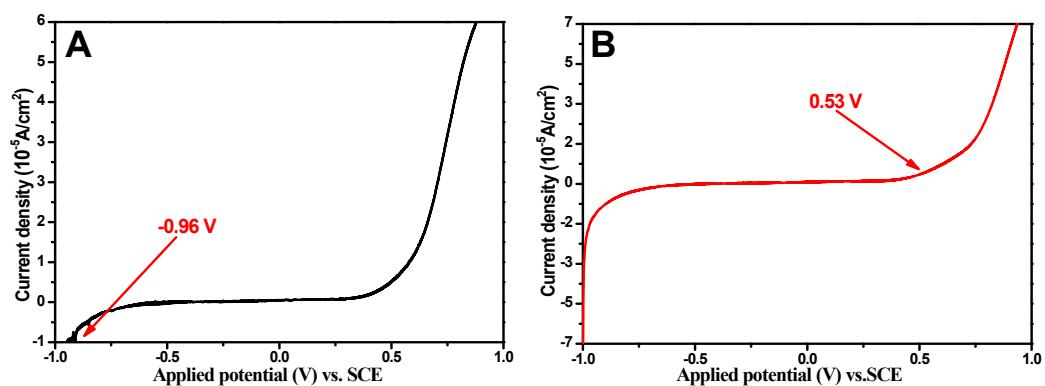


Fig. S2 Current-potential curves for (A)SnS₂ and (B) BiOI under Xe light irradiation
($\lambda > 420$ nm).