

**Characterization of methylammonium tin iodide thin films prepared by sequential physical vapour deposition technique**

**Supporting Information**

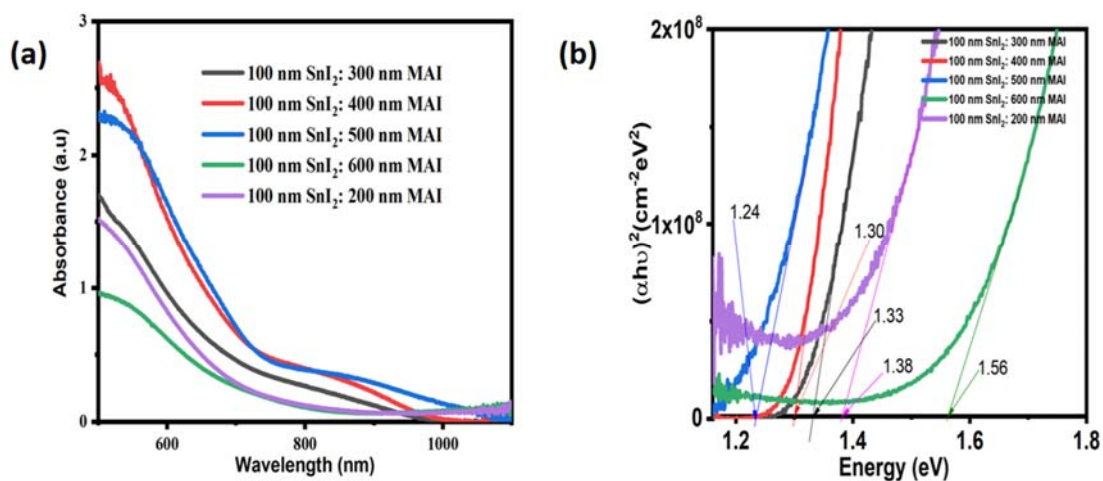


Figure S 1(a) U-V-vis absorption of MASnI<sub>3</sub> films with different thickness of MAI

(b) Tauc plot showing bandgaps of MASnI<sub>3</sub> films with different MAI thickness

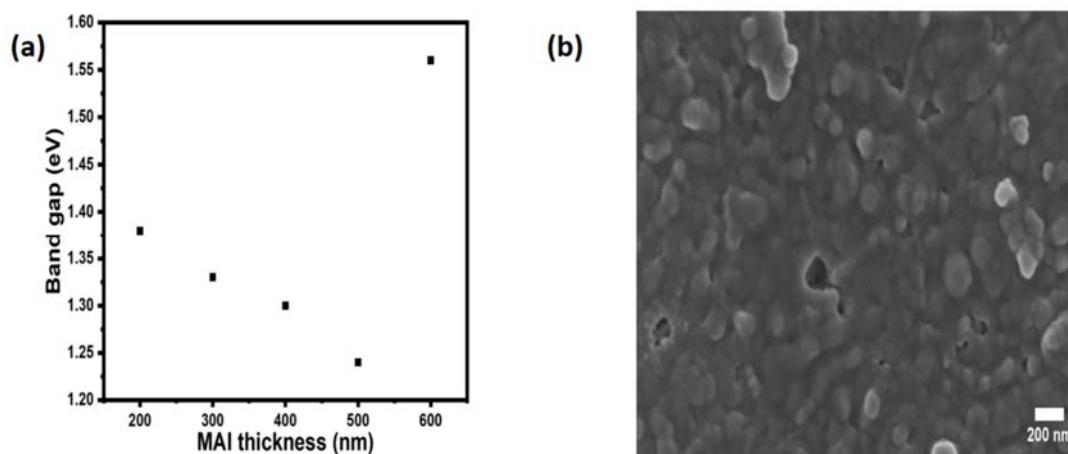


Figure S 2 (a) Plot of bandgap variation versus MAI thickness (b) SEM image of MASnI<sub>3</sub> film with 600nm MAI thickness