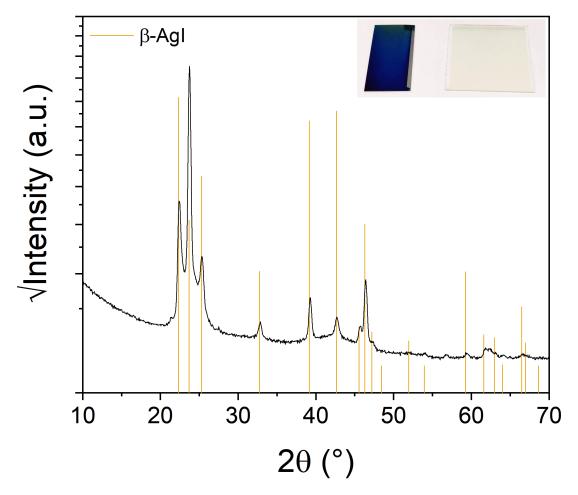
## **Supplemental Document**

## **Atomic Layer Deposition of Silver Halides**

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**Figure 1**. X-ray diffraction pattern of an AgI film deposited at 100 °C with 1000 cycles of 1.0 s Ag(FOD)(PEt<sub>3</sub>) and SnI<sub>4</sub> precursor pulses separated by 1.0 s purges. The reference β-AgI pattern is from COD entry 1529745. The inset shows a photograph of the same film on the Si and glass substrates.