

Supporting information

Low-temperature synthesis of 2D anisotropic MoTe₂ using high-pressure soft sputtering technique

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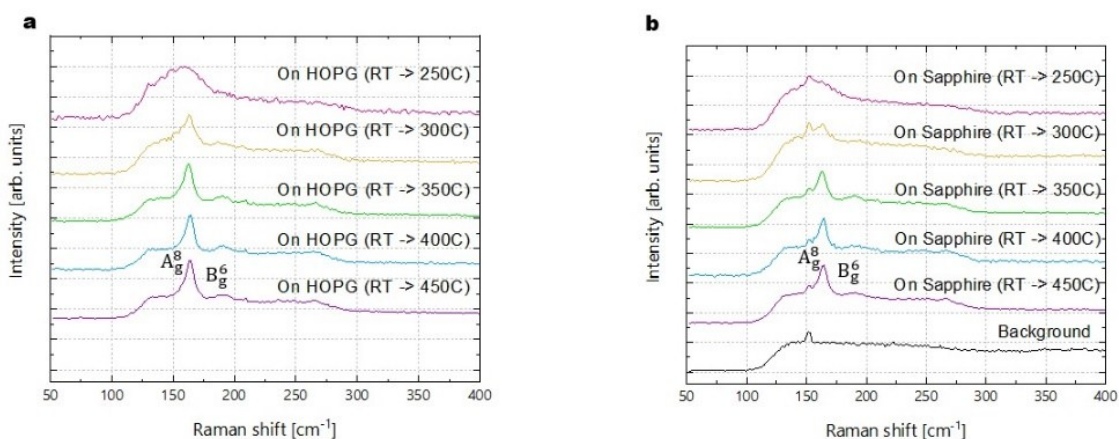


Figure S1 Raman spectra for MoTe₂ thin film growth followed by in-situ annealing on **a.** HOPG and **b.** sapphire substrate. Raman spectrum for sapphire substrate is shown as background. Peak at 151 cm⁻¹ in background spectrum is from environment lights through transparent sapphire substrate.

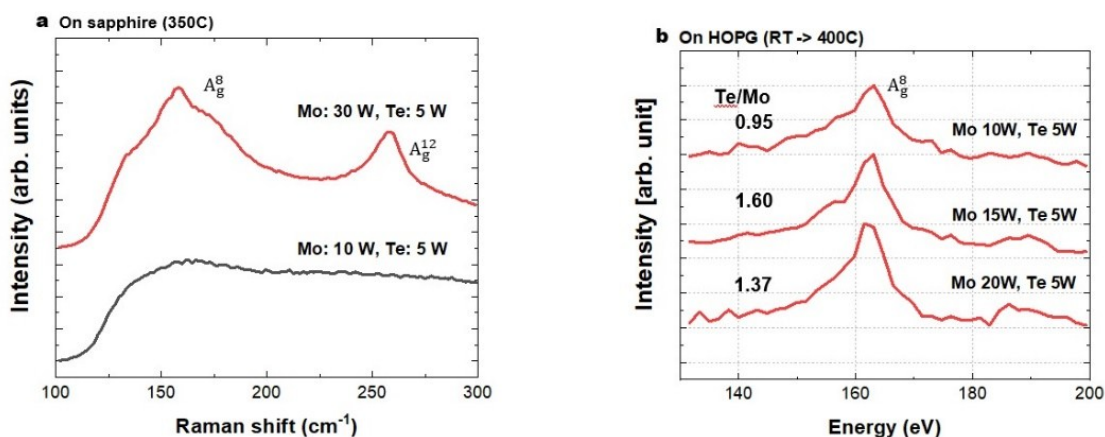


Figure S2 Raman spectra for MoTe₂ thin film with different Mo sputtering power **a.** on heated substrates and **b.** room temperature deposition followed by annealing.