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Electronic Supplementary Information

Non-equilibrium synthesis and characterization of n-type Bi₂Te_{2.7}Se_{0.3} thermoelectric material prepared by rapid laser melting and solidification

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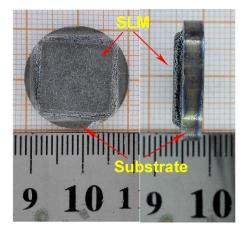


Figure S1 Photos of the SLM-prepared bulk sample

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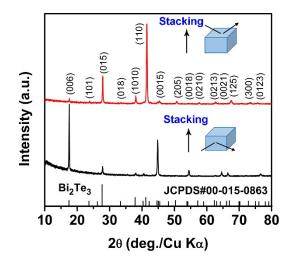


Figure S2 XRD patterns of the SLM-prepared bulk sample collected on planes perpendicular and parallel to the stacking direction

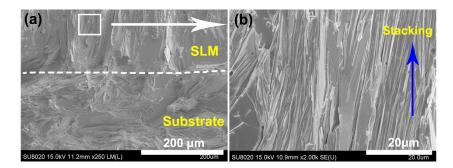


Figure S3 SEM images showing the microstructure of the cross section of the SLM-prepared bulk sample: (a) SLM fabricated layers attached to an n-type Bi₂Te_{2.7}Se_{0.3} substrate; (b) enlarged area of (a) delineated by a white square showing aligned grains along the stacking direction