

Supporting Information for

The Influence of Thermal Processing Protocol upon the Crystallization and Photovoltaic Performance of Organic-Inorganic Lead Trihalide Perovskites

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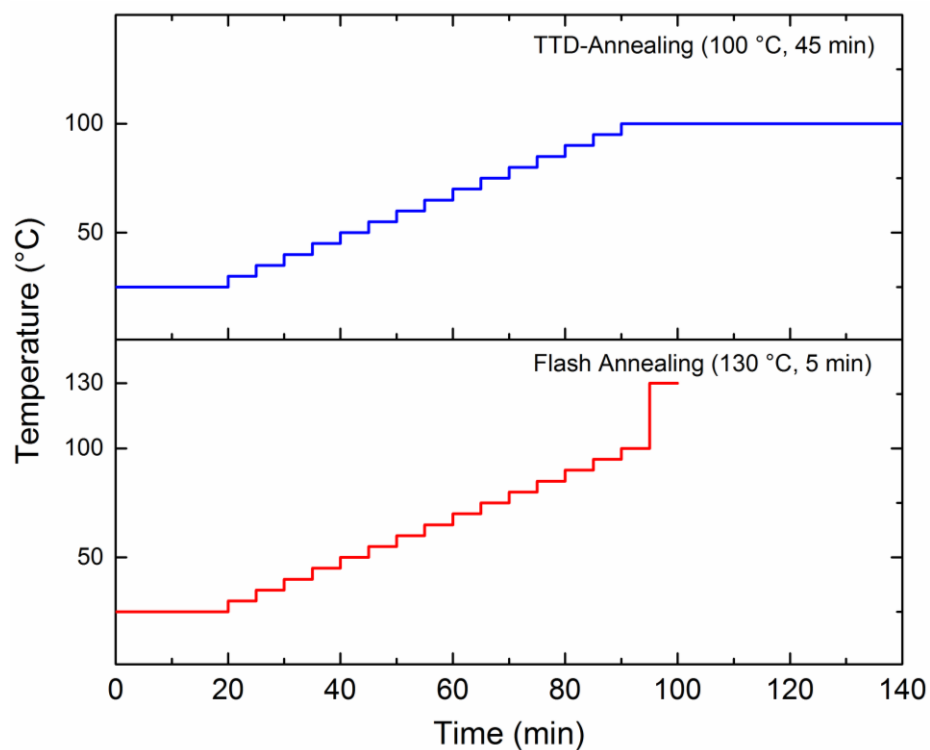


Figure S1. Representative plot of TTD and flash thermal annealing protocols.

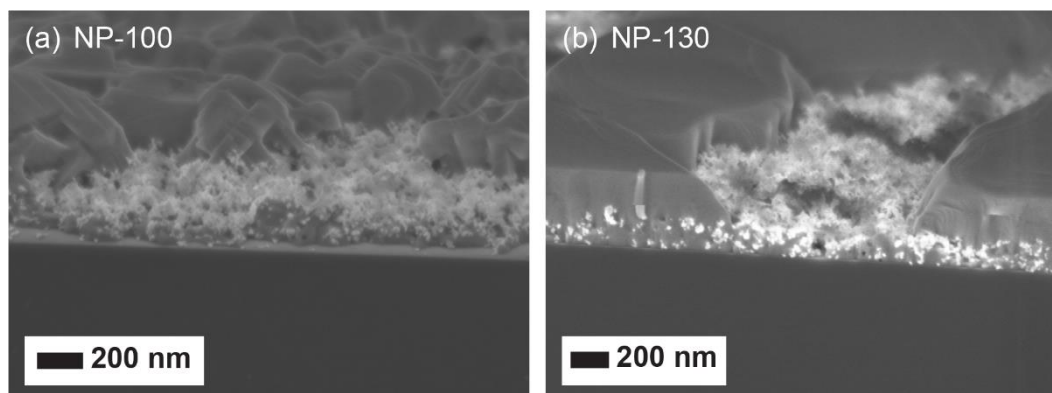


Figure S2. Cross-sectional SEM micrographs of perovskite capping layer-free regions on (a) NP-100 and (b) NP-130 mesosuperstructured perovskite thin films.

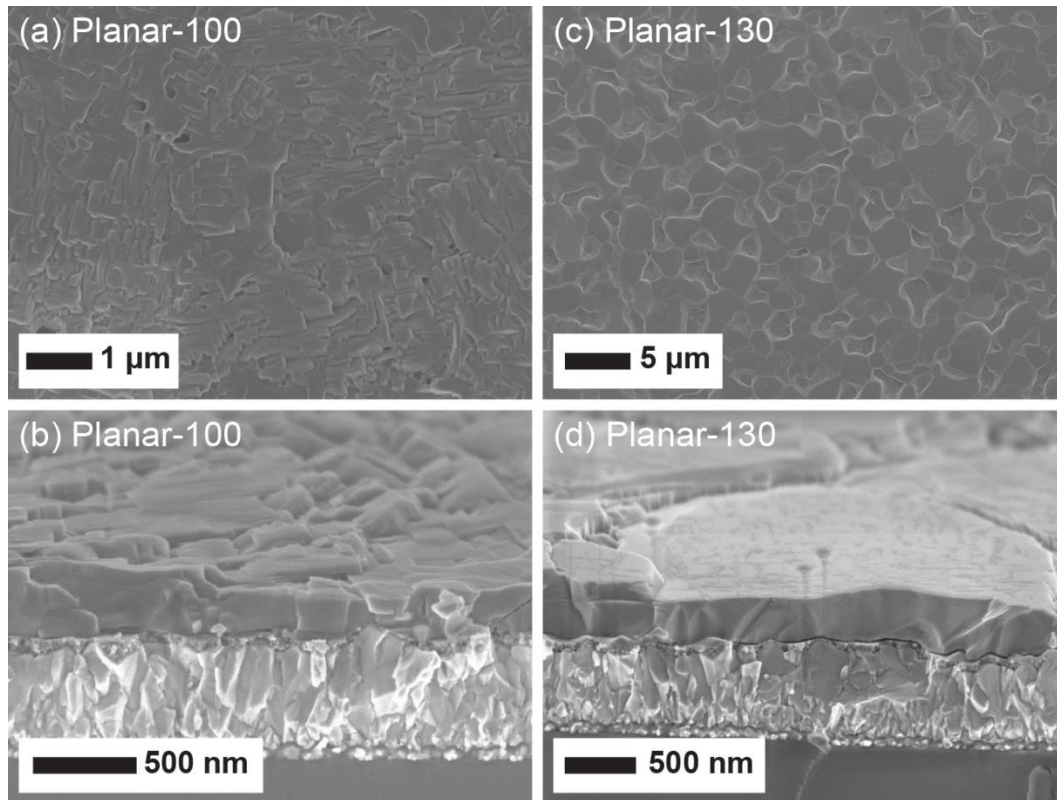


Figure S3. Plan view and cross-sectional SEM micrographs of (a, b) planar-100, and (c, d) planar-130 perovskite films on TiO_2 compact layer/FTO glass substrates.

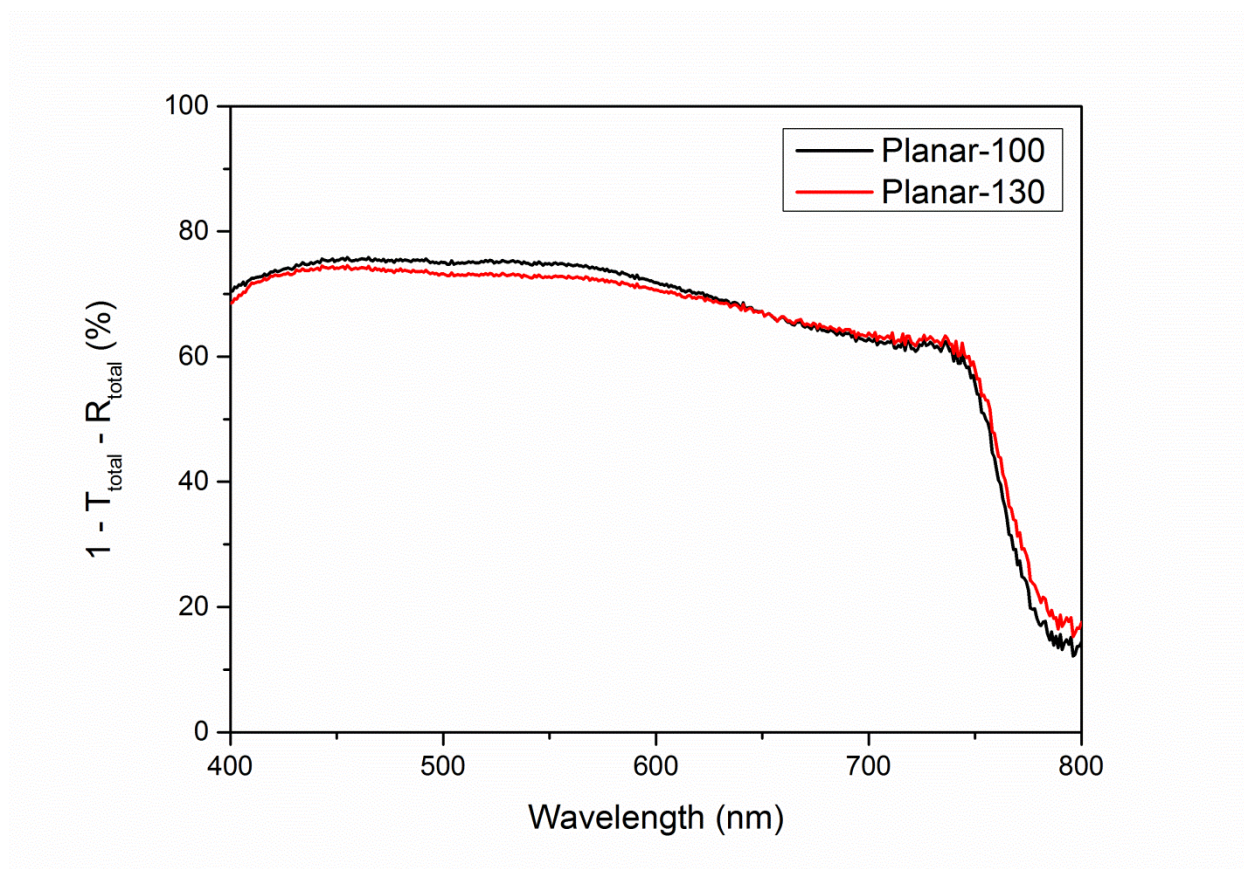


Figure S4. UV-vis absorbance plot for the planar-100 (black) and planar-130 (red) perovskite films measured with an integrating sphere accessory.

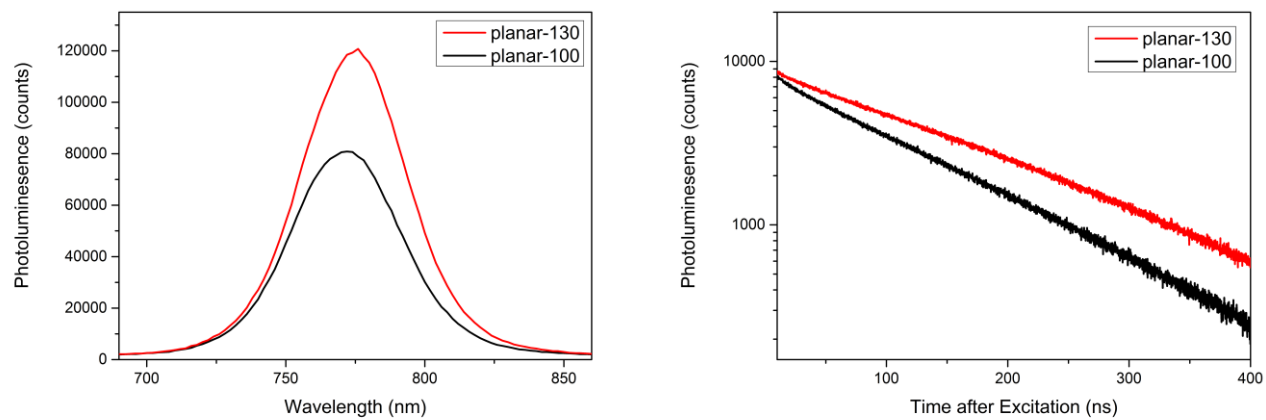


Figure S5. Steady-state (left) and time-resolved (right) photoluminescence plots for planar-130 (red) and planar-100 (black) perovskite films.