

Supplementary Information for:

Kinetic modelling of intraband carrier relaxation in bulk and nanocrystalline lead-halide perovskites

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Figure S1 Fluence-dependent pump-probe kinetics for the CsPbBr₃ NCs.

Figure S2 Plot of experimental relaxation time with respect to the hot carrier density for the CsPbBr₃ NCs, modelled without the carrier-carrier interactions.

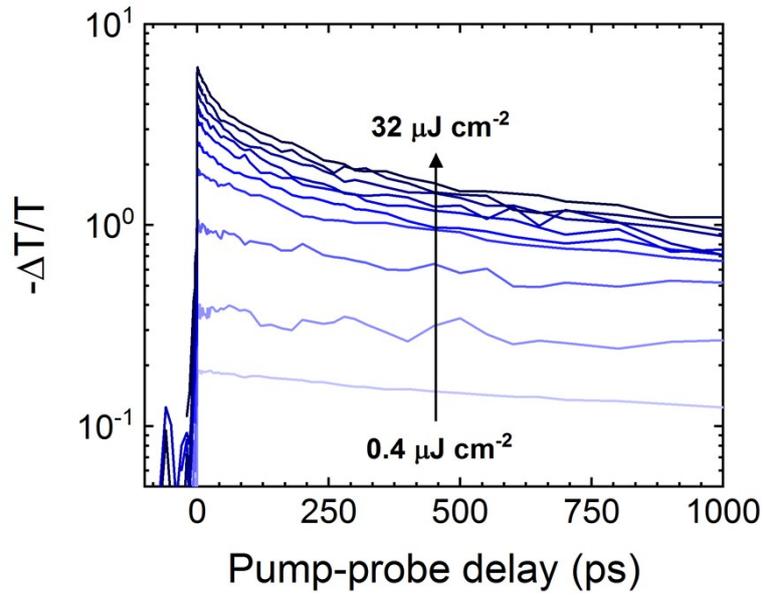


Figure S1. Fluence-dependent pump-probe kinetics for the CsPbBr₃ NC dropcast film. Pump: 2.5 eV, probe: 0.6 eV.

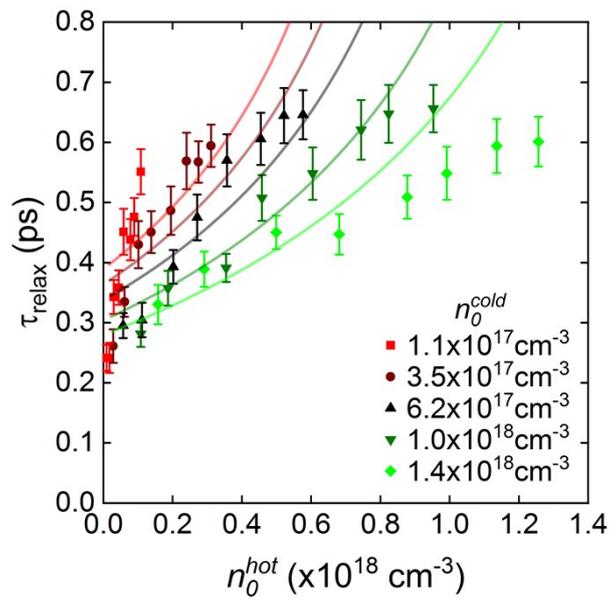


Figure S2. Plot of relaxation time with respect to the hot carrier density directly after the push (n_0^{hot}) and cold carrier density just before the push (n_0^{cold}) in the CsPbBr₃ NCs. Points are experimental data and the solid lines are fits which neglect the carrier-carrier interactions.