

Structural and Electronic Properties of $\text{CdSe}_x\text{Te}_{1-x}$ /CdTe thin-film photovoltaic devices: Carrier Dynamics Analysis by Charge Carrier Collection Efficiency

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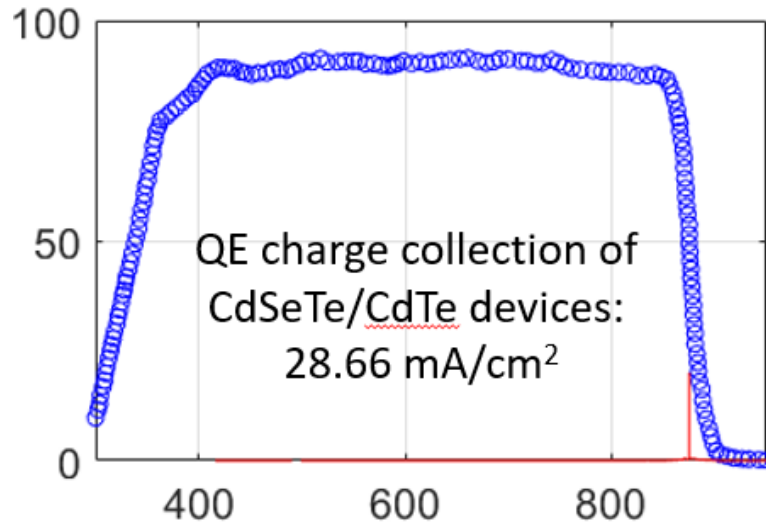


Fig. 1. Quantum charge carrier efficiency measurements. The total charge carrier collection by QE is 28.66 mA/cm². The blue line is data for $\text{CdSe}_x\text{Te}_{1-x}$ /CdTe devices and the red line is for bandgap energy calculations. The bandgap energy is calculated as 1.41 eV.