Continuous-wave laser annealing of metallic layers for CuInSe₂ solar cell applications: effect of preheating treatment on grain growth

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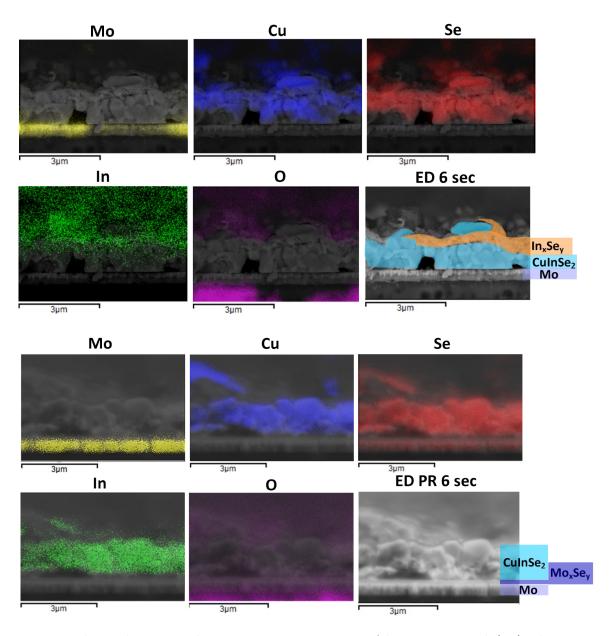


Figure S1: EDS elemental mapping analysis on a cross section SEM image of the ED-LA 6sec sample (top) and ED-PR-LA 6sec sample (bottom) with the elements of interest. A coloured indication for each feature is also included on the SEM image, to label each phase.

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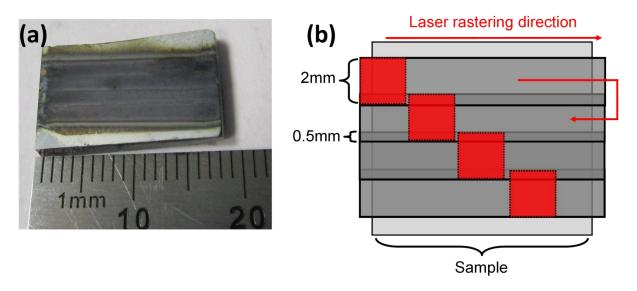


Figure S2: (a) Photograph image of a thin LA-sample (4 sec dwell) which consists of stripes in the direction that the laser is passed. Darker grey areas are expected to have reached higher temperatures during annealing. (b) Illustration of the laser scanning pattern on the sample.