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# **Supporting Information**

### Quantum dots preparation from MoO<sub>3</sub> nanosheets by UV irradiation

## and insight into morphology changes

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#### 1. The UV-vis absorption spectra of NMP



Fig. S1 The UV-vis absorption spectra of NMP. Basically, there is no absorption for NMP at the wavelength of 365 nm.

# 2. Controlled study excluding magnetic stirring



Fig. S2 The TEM images of products obtained in NMP after irradiation for 8 h without magnetic stirring.