

Supplementary Information

Photoinduced Electron Transfer in Aqueous Carbon Nanotubes/Block Copolymer/CdS Hybrids: Application in the Construction of Photoelectrochemical Cells

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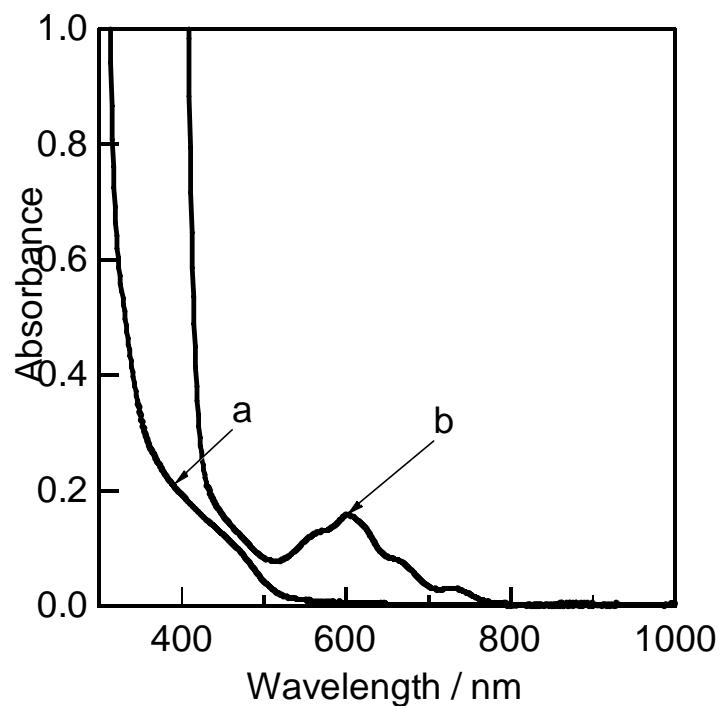


Figure S1. Steady-state absorption spectral changes of an Ar-saturated aqueous solution of CSI/CdS, after the repeated irradiation of 355-nm laser light (ca. 3 mJ/pulse) in the presence of 0.5 mM of MV^{2+} and added concentrations of BNAH (a) 0 mM, and (b) 3.0 mM, respectively. Each of the maximal absorbance is depicted after 20 times of laser light irradiation.

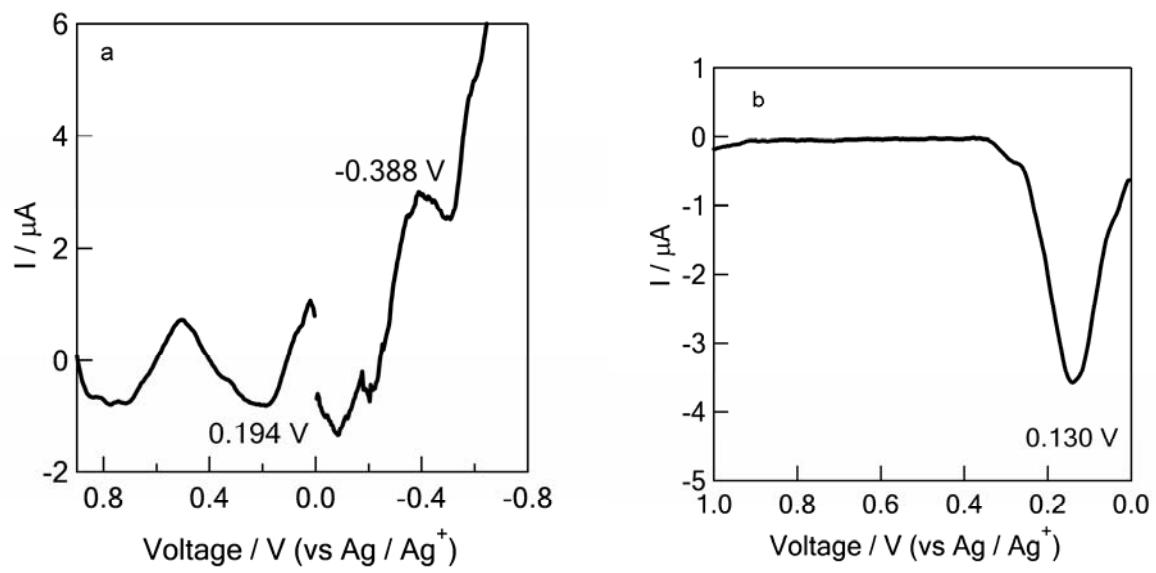


Figure S2. Differential pulse voltamogram of pMWCNTs/CSI/CdS (a) and CSI/CdS (b) obtained in aqueous solution (scan rate: 100 mV/sec).