

Figure 15.8 Photocurrent–voltage curve obtained for a nanocrystalline TiO_2 solar cell sensitized by black dye. The certified results were obtained at NREL (USA). Reprinted with permission from Hagfeldt A, Grätzel M, *Acc. Chem. Res.* **33**, 269–277 (2000). © (2002) American Chemical Society

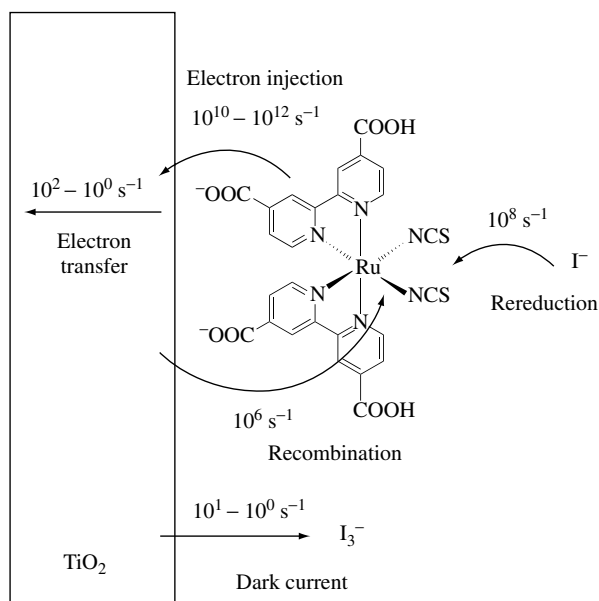


Figure 15.9 Schematic diagram of electron-transfer processes in DSSC