Radical anions and dianions of naphthalenediimides generated within layer-by-layer zirconium phosphonate thin films

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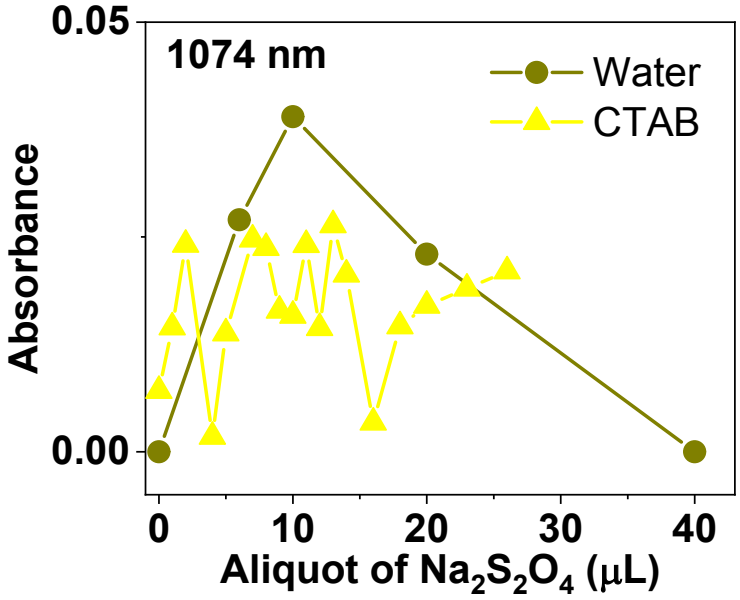

Figure S1. Titration of PNDI with sodium dithionite in water and in CTAB solution, followed at 1074 nm (see Figure 2).

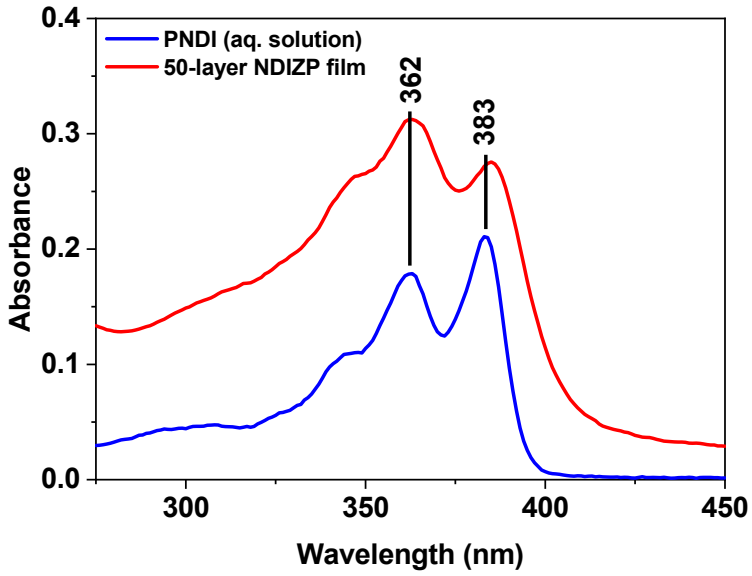

Figure S2. Absorption spectra of a 25-layer NDIZP film and of PNDI in aqueous solution.

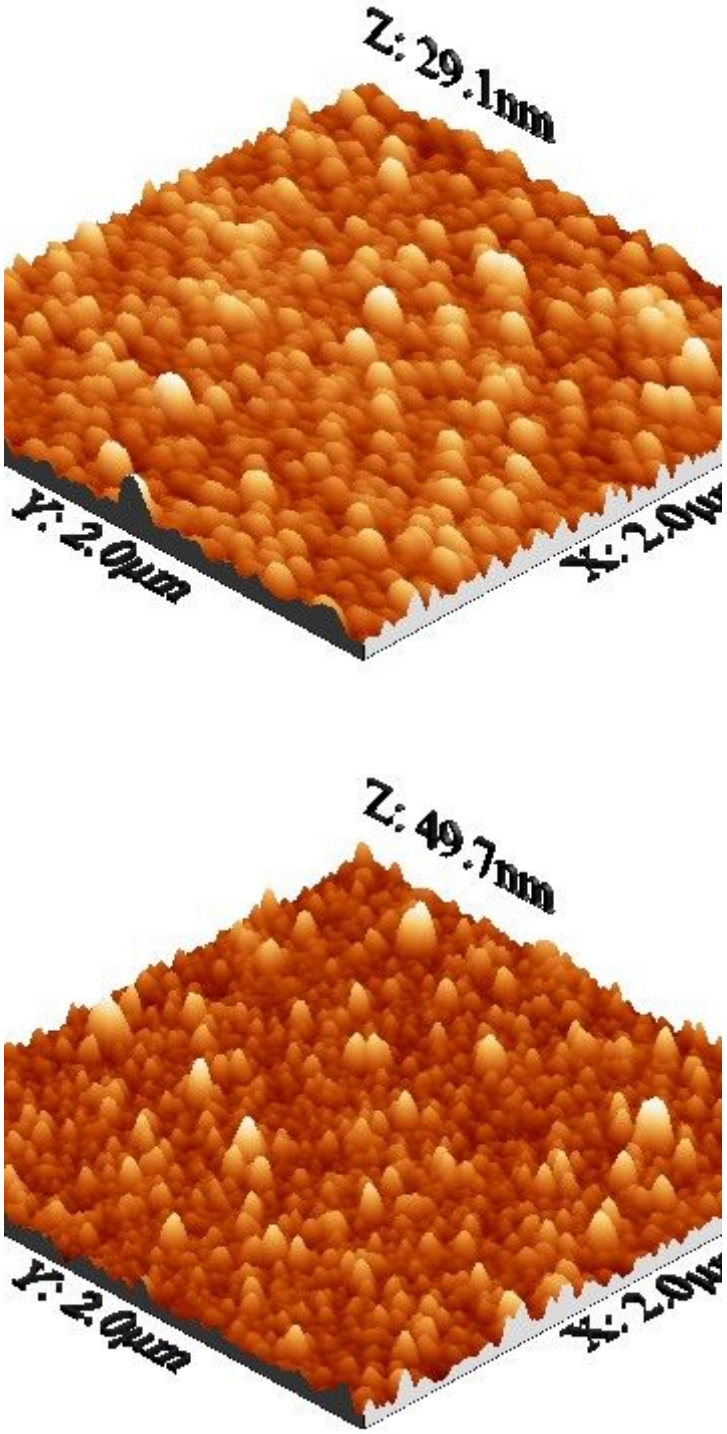

Figure S3. AFM images of a 10-layer NDIZP film before (above) and after (below) reduction with dithionite.