Smart nanogels at the at the air/water interface: structural studies by neutron reflectivity

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Supporting information

Fig. S1. Scattering length density (*Nb*) as a function of time for NIPAM (a) and NIPAM D7 (b) nanogels with varying amounts of cross-linker at the air/NRW interface. The bulk nanogel concentration is 5 x 10^{-3} mg ml⁻¹.



Fig. S2. AFM image and cross-section of NIPAM nanogels containing 30% of MBA.



Fig. S3. TEM images of NIPAM (a) and NIPAM D7 (b) nanogels containing 20% of MBA.



Fig. S4. Neutron reflectivity profiles of NIPAM D7 nanogels with 20% of MBA at the air/NRW interfaces. The bulk nanogel concentration is 5×10^{-3} mg ml⁻¹. The solid and dashed lines represent the one and three layer fits to the data, respectively.