Studying orthogonal self-assembled systems: microstructure of gelled bicontinuous microemulsions

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– Supporting Information –

Bragg peaks in the gelled bicontinuous microemulsion

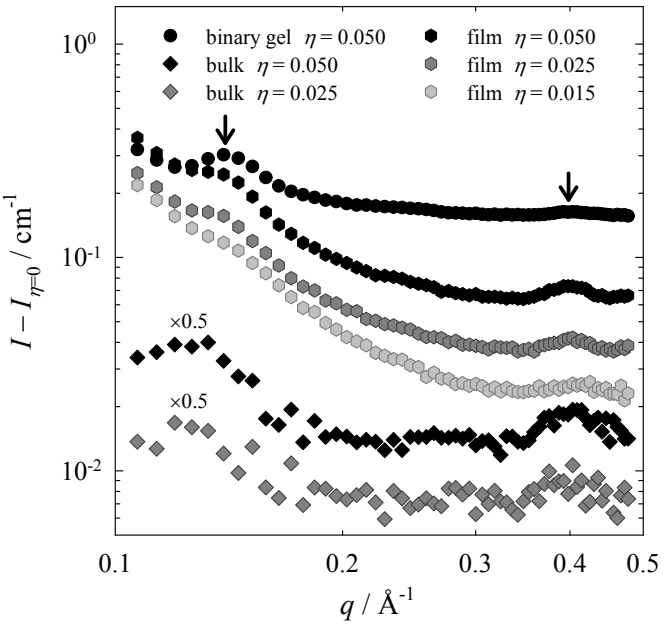

Fig. 1 Background-subtracted SANS data of the gelled bicontinuous microemulsion H_2O–*n*-decane/12-HOA–$C_{10}E_4$ ($\phi = 0.5$, $\gamma = 0.150$) in bulk (diamonds) and film (hexagons) contrast. Note that for the system with 1.5 wt.% 12-HOA in bulk contrast the Bragg peaks were not strippable from the noisy background. The data of the binary gel d22-*n*-decane/12-HOA with 5.0 wt% gelator (black circles) are shown for comparison without subtraction of the incoherent background. The positions of the Bragg peaks are marked by the arrows. (redrawn from ref. 1)

Reference

1 M. Laupheimer, *Gelled Bicontinuous Microemulsions: A New Type of Orthogonal Self-Assembled Systems* in series *Springer Theses 2014*, Springer, Heidelberg, 2014, ch. 4, pp. 85-126.