

File name: TAPBacetic38ACNphcn90C_eiger2_12120_sub_rebin_ang.dat

SasView version: 5.0.6

SasModels version: 1.0.7

Fit optimizer used: Levenberg-Marquardt

Model name: fractal+fuzzy_sphere+core_shell_sphere

Q Range: min = 0.000212067761, max = 0.025557500100000005

Chi2/Npts: 0.53428

scale = 0.00011736 ± 3187.1

background = 0.15 (fixed) cm^{-1}

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.6068 \pm 9.9961\text{e}+07$

A_volfraction = $0.044635 \pm 3.3954\text{e}+06$

A_radius = $298.15 \pm 152.97 \text{ \AA}$

A_fractal_dim = $6 \pm 1\text{e}+08$

A_cor_length = $0 \pm 1\text{e}+08 \text{ \AA}$

A_sld_block = $14.717 \pm 9.9988\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

A_sld_solvent = 8.9 (fixed) $10^{-6}/\text{\AA}^2$

B_scale = $0.25493 \pm 1.1635\text{e}+07$

B_sld = $14.303 \pm 9.956\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

B_sld_solvent = 8.9 (fixed) $10^{-6}/\text{\AA}^2$

B_radius = $7158.3 \pm 150.26 \text{ \AA}$

B_fuzziness = $3479 \pm 4375.3 \text{ \AA}$

C_scale = $3.6734 \pm 9.9755\text{e}+07$

C_radius = $3282.8 \pm 32.486 \text{ \AA}$

C_thickness = $2079.5 \pm 61.634 \text{ \AA}$

C_sld_core = $13.11 \pm 121.57 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.342 \pm 41.665 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_solvent = 8.9 (fixed) $10^{-6}/\text{\AA}^2$

Distribution of A_radius = 1 ± 0.41871 Function: lognormal

Distribution of B_radius = 0 ± 0.2606 Function: lognormal

Distribution of B_fuzziness = 0.9959 ± 1.3063 Function: lognormal

Distribution of C_radius = 0.037354 ± 0.0151 Function: lognormal

Distribution of C_thickness = 0.23251 ± 0.031352 Function: lognormal

Graph

Model Computation

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