

File name: TAPBacetic38ACNphcn90C_eiger2_12050_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: 0.4225

scale = 0.00011302 ± 3255.6

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

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.5638 \pm 9.9961\text{e}+07$

A_volfraction = $0.04344 \pm 3.4007\text{e}+06$

A_radius = $305.9 \pm 222.7 \text{ \AA}$

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

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

A_sld_block = $14.634 \pm 9.9989\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.2569 \pm 1.206\text{e}+07$

B_sld = $14.242 \pm 9.9543\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $6796.6 \pm 111.7 \text{ \AA}$

B_fuzziness = $2426.7 \pm 3292.2 \text{ \AA}$

C_scale = $3.4619 \pm 9.972\text{e}+07$

C_radius = $3173.8 \pm 43.391 \text{ \AA}$

C_thickness = $2028.5 \pm 75.91 \text{ \AA}$

C_sld_core = $13.334 \pm 155.33 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.343 \pm 50.577 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 1 ± 0.55751 Function: lognormal

Distribution of B_radius = 0 ± 0.23678 Function: lognormal

Distribution of B_fuzziness = 1 ± 1.6137 Function: lognormal

Distribution of C_radius = 0.060448 ± 0.012071 Function: lognormal

Distribution of C_thickness = 0.2065 ± 0.028449 Function: lognormal

Graph

Model Computation

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