

File name: TAPBacetic38ACNphcn90C_eiger2_12260_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: 0.21609

scale = 0.00011825 ± 2972.4

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

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.2476 \pm 9.9961\text{e}+07$

A_volfraction = $0.034661 \pm 3.1909\text{e}+06$

A_radius = $1864.6 \pm 60.821 \text{ \AA}$

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

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

A_sld_block = $14.194 \pm 9.9991\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.15203 \pm 7.5338\text{e}+06$

B_sld = $13.567 \pm 9.9789\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $5861.8 \pm 1242.4 \text{ \AA}$

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

C_scale = $3.9752 \pm 9.9923\text{e}+07$

C_radius = $4246.3 \pm 211.62 \text{ \AA}$

C_thickness = $407.33 \pm 94.473 \text{ \AA}$

C_sld_core = $11.095 \pm 577.51 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.846 \pm 511.73 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 0 ± 70.381 Function: lognormal

Distribution of B_radius = 0.25915 ± 0.062128 Function: lognormal

Distribution of B_fuzziness = $0 \pm 1\text{e}+08$ Function: lognormal

Distribution of C_radius = 0 ± 0.0029561 Function: lognormal

Distribution of C_thickness = 1 ± 0.32828 Function: lognormal

Graph

Model Computation

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