

File name: TAPBacetic38ACNphcn90C_eiger2_12280_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: 492.01

scale = 0.0001268 ± 2839.1

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

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.4425 \pm 9.9961\text{e}+07$

A_volfraction = $0.040075 \pm 3.2375\text{e}+06$

A_radius = $2010.9 \pm 34.593 \text{ \AA}$

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

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

A_sld_block = $14.613 \pm 9.999\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.086877 \pm 1.9452\text{e}+06$

B_sld = 13.567 (fixed) $10^{-6}/\text{\AA}^2$

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

B_radius = $6159 \pm 3042.8 \text{ \AA}$

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

C_scale = $4.4653 \pm 9.9977\text{e}+07$

C_radius = $4284.4 \pm 150.89 \text{ \AA}$

C_thickness = $485.21 \pm 56.606 \text{ \AA}$

C_sld_core = $10.994 \pm 379.17 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.547 \pm 297.91 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 0 ± 38.413 Function: lognormal

Distribution of B_radius = 0.28731 ± 0.14809 Function: lognormal

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

Distribution of C_radius = 0 ± 0.0021714 Function: lognormal

Distribution of C_thickness = 1 ± 0.18853 Function: lognormal

Graph

Model Computation

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