

File name: TAPBacetic38ACNphcn90C_eiger2_12060_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: 0.31017

scale = 0.00011259 ± 3250.9

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

fractal_fuzzysphere_coresphere = (fixed)

A_scale = $1.552 \pm 9.9961\text{e}+07$

A_volfraction = $0.043113 \pm 3.3959\text{e}+06$

A_radius = $308.09 \pm 226.78 \text{ \AA}$

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

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

A_sld_block = $14.612 \pm 9.9989\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.24379 \pm 1.1647\text{e}+07$

B_sld = $14.107 \pm 9.9566\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $6918.5 \pm 130.33 \text{ \AA}$

B_fuzziness = $2174 \pm 378.14 \text{ \AA}$

C_scale = $3.4544 \pm 9.9746\text{e}+07$

C_radius = $3201.5 \pm 42.447 \text{ \AA}$

C_thickness = $2040.2 \pm 72.249 \text{ \AA}$

C_sld_core = $13.311 \pm 150.36 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.342 \pm 49.163 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 1 ± 0.55896 Function: lognormal

Distribution of B_radius = $2.0435\text{e}-05 \pm 91.707$ Function: lognormal

Distribution of B_fuzziness = 0.99647 ± 0.57758 Function: lognormal

Distribution of C_radius = 0.055402 ± 0.011873 Function: lognormal

Distribution of C_thickness = 0.20612 ± 0.027353 Function: lognormal

Graph

Model Computation

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