

File name: TAPBacetic38ACNphcn90C_eiger2_12180_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: 1.19

scale = 0.00012928 ± 3047.9

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

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.5974 \pm 9.9961\text{e}+07$

A_volfraction = $0.044375 \pm 3.3372\text{e}+06$

A_radius = $542.14 \pm 427.35 \text{ \AA}$

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

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

A_sld_block = $14.705 \pm 9.9988\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.14148 \pm 7.551\text{e}+06$

B_sld = $13.063 \pm 9.977\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $7401.3 \pm 365.38 \text{ \AA}$

B_fuzziness = $0 \pm 0.0018827 \text{ \AA}$

C_scale = $4.239 \pm 9.9939\text{e}+07$

C_radius = $3448.9 \pm 33.944 \text{ \AA}$

C_thickness = $1881.1 \pm 47.712 \text{ \AA}$

C_sld_core = $12.169 \pm 108.67 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.228 \pm 44.184 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 0.60865 ± 0.30468 Function: lognormal

Distribution of B_radius = 0.12045 ± 0.023624 Function: lognormal

Distribution of B_fuzziness = $0.13417 \pm 1\text{e}+08$ Function: lognormal

Distribution of C_radius = 0.00048044 ± 0.81837 Function: lognormal

Distribution of C_thickness = 0.28189 ± 0.041421 Function: lognormal

Graph

Model Computation

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