

File name: TAPBacetic38ACNphcn90C_eiger2_12340_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: 0.3082

scale = 0.00015343 ± 2689.9

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

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.4585 \pm 9.9961\text{e}+07$

A_volfraction = $0.04052 \pm 3.0951\text{e}+06$

A_radius = $2218.2 \pm 19.602 \text{ \AA}$

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

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

A_sld_block = $1.9649 \pm 9.9993\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.033716 \pm 1.8483\text{e}+06$

B_sld = $12.75 \pm 9.9985\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $7026.9 \pm 189.56 \text{ \AA}$

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

C_scale = $5.7036 \pm 9.9996\text{e}+07$

C_radius = $4561.4 \pm 16.519 \text{ \AA}$

C_thickness = $1748.4 \pm 224.11 \text{ \AA}$

C_sld_core = $12.003 \pm 719.96 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $9.3748 \pm 110.22 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 0.024214 ± 0.043201 Function: lognormal

Distribution of B_radius = 0 ± 27.936 Function: lognormal

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

Distribution of C_radius = 0.059855 ± 0.0051164 Function: lognormal

Distribution of C_thickness = 0.77789 ± 0.090892 Function: lognormal

Graph

Model Computation

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