

File name: TAPBacetic38ACNphcn90C_eiger2_11995_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: 0.89951

scale = 0.00013308 ± 4838.1

background = 0.12 (fixed) cm^{-1}

fractal_fuzzysphere_coresphere = (fixed)

A_scale = $1.0167 \pm 9.9875\text{e}+07$

A_volfraction = $0.050835 \pm 5.912\text{e}+06$

A_radius = $2029.2 \pm 121.03 \text{ \AA}$

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

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

A_sld_block = $12.841 \pm 9.9967\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.41113 \pm 3.1889\text{e}+07$

B_sld = $11.635 \pm 9.5854\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $6654 \pm 150.97 \text{ \AA}$

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

C_scale = $2.7218 \pm 9.8953\text{e}+07$

C_radius = $3004.7 \pm 44.906 \text{ \AA}$

C_thickness = $2047 \pm 38.827 \text{ \AA}$

C_sld_core = $13.608 \pm 184.99 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.377 \pm 58.079 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 0.05899 ± 0.14344 Function: lognormal

Distribution of B_radius = 0.1159 ± 0.010519 Function: lognormal

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

Distribution of C_radius = 0.073662 ± 0.011484 Function: lognormal

Distribution of C_thickness = 0.22637 ± 0.036316 Function: lognormal

Graph

Model Computation

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