

File name: TAPBacetic38ACNphcn90C_eiger2_12100_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: 0.66666

scale = 0.00011764 ± 3186.3

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

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.6103 \pm 9.9961\text{e}+07$

A_volfraction = $0.044733 \pm 3.396\text{e}+06$

A_radius = $310.42 \pm 189.37 \text{ \AA}$

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

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

A_sld_block = $14.723 \pm 9.9988\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.26009 \pm 1.1781\text{e}+07$

B_sld = $14.357 \pm 9.9551\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $7081.9 \pm 207.73 \text{ \AA}$

B_fuzziness = $3438.3 \pm 7857.1 \text{ \AA}$

C_scale = $3.6828 \pm 9.9746\text{e}+07$

C_radius = $3269.7 \pm 37.035 \text{ \AA}$

C_thickness = $2079.5 \pm 61.713 \text{ \AA}$

C_sld_core = $13.144 \pm 362.33 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.327 \pm 121.85 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 0.96957 ± 0.44703 Function: lognormal

Distribution of B_radius = 0 ± 0.59553 Function: lognormal

Distribution of B_fuzziness = 0.9863 ± 1.7686 Function: lognormal

Distribution of C_radius = 0.042752 ± 0.013801 Function: lognormal

Distribution of C_thickness = 0.2268 ± 0.03729 Function: lognormal

Graph

Model Computation

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