

File name: TAPBacetic38ACNphcn90C_eiger2_11988_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: 0.27857

scale = 0.00012456 ± 5034.5

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

fractal_fuzzysphere_coresellsphere = (fixed)

A_scale = $1.0031 \pm 9.9875\text{e}+07$

A_volfraction = $0.050154 \pm 5.9628\text{e}+06$

A_radius = $2084.7 \pm 99.901 \text{ \AA}$

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

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

A_sld_block = $12.814 \pm 9.9967\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.43499 \pm 3.353\text{e}+07$

B_sld = $11.725 \pm 9.5698\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $6487.6 \pm 216.1 \text{ \AA}$

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

C_scale = $2.4385 \pm 9.8558\text{e}+07$

C_radius = $2958 \pm 39.607 \text{ \AA}$

C_thickness = $1973.1 \pm 38.296 \text{ \AA}$

C_sld_core = $13.955 \pm 239.66 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.542 \pm 77.892 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 0.015897 ± 0.33387 Function: lognormal

Distribution of B_radius = 0.14366 ± 0.014871 Function: lognormal

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

Distribution of C_radius = 0.06715 ± 0.013414 Function: lognormal

Distribution of C_thickness = 0.24775 ± 0.034874 Function: lognormal

Graph

Model Computation

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