

File name: TAPBacetic38ACNphcn90C_eiger2_11975_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: 0.41759

scale = 0.00011616 ± 5263.4

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

fractal_fuzzysphere_coresphere = (fixed)

A_scale = $0.97097 \pm 9.9875\text{e}+07$

A_volfraction = $0.048551 \pm 5.9699\text{e}+06$

A_radius = $321.89 \pm 851.12 \text{ \AA}$

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

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

A_sld_block = $12.891 \pm 9.997\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_scale = $0.53412 \pm 3.906\text{e}+07$

B_sld = $12.007 \pm 9.4858\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B_radius = $5984.2 \pm 235.03 \text{ \AA}$

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

C_scale = $2.1479 \pm 9.7321\text{e}+07$

C_radius = $2986 \pm 46.935 \text{ \AA}$

C_thickness = $1830.2 \pm 43.304 \text{ \AA}$

C_sld_core = $13.917 \pm 842.96 \text{ } 10^{-6}/\text{\AA}^2$

C_sld_shell = $10.529 \pm 273.55 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A_radius = 1 ± 1.4101 Function: lognormal

Distribution of B_radius = 0.15529 ± 0.015272 Function: lognormal

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

Distribution of C_radius = 0.081362 ± 0.016014 Function: lognormal

Distribution of C_thickness = 0.16139 ± 0.034562 Function: lognormal

Graph

Model Computation

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