File name: TAPBacetic38ACNphcn90C_eiger2_12120_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: 0.53428

 $scale = 0.00011736 \pm 3187.1$

background = 0.15 (fixed) cm⁻¹

fractal_fuzzysphere_coreshellsphere = (fixed)

 $A_scale = 1.6068 \pm 9.9961e + 07$

 $A_{volfraction} = 0.044635 \pm 3.3954e + 06$

 $A_radius = 298.15 \pm 152.97 \text{ Å}$

A_fractal_dim = $6 \pm 1e + 08$

 $A_{cor_length} = 0 \pm 1e + 08 \text{ Å}$

 $A_sld_block = 14.717 \pm 9.9988e + 07 \cdot 10^{-6} / Å^2$

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

 $B_scale = 0.25493 \pm 1.1635e + 07$

 $B_sld = 14.303 \pm 9.956e + 07 \cdot 10^{-6} / Å^2$

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

B_radius = 7158.3 ± 150.26 Å

B_fuzziness = 3479 ± 4375.3 Å

 $C_scale = 3.6734 \pm 9.9755e + 07$

C_radius = 3282.8 ± 32.486 Å

C_thickness = 2079.5 ± 61.634 Å

 $C_sld_core = 13.11 \pm 121.57 \cdot 10^{-6}/Å^2$

 $C_sId_shell = 10.342 \pm 41.665 \cdot 10^{-6}/Å^2$

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

Distribution of A_radius = 1 ± 0.41871 Function: lognormal

Distribution of B_radius = 0 ± 0.2606 Function: lognormal

Distribution of B_fuzziness = 0.9959 ± 1.3063 Function: lognormal

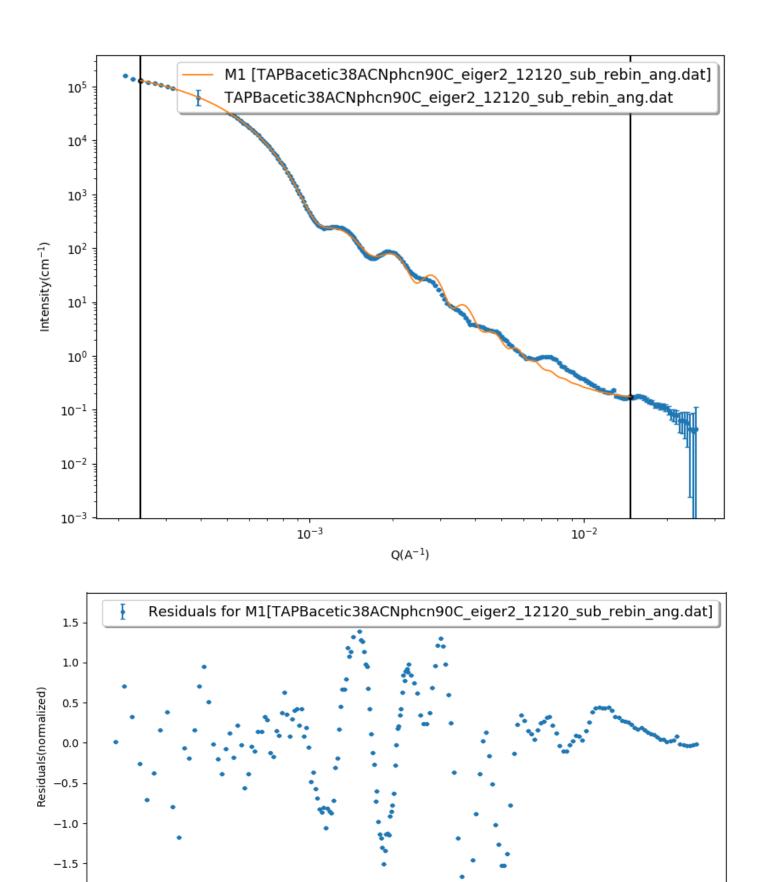
Distribution of $C_{radius} = 0.037354 \pm 0.0151$ Function: lognormal

Distribution of C_thickness = 0.23251 ± 0.031352 Function: lognormal

Graph

Model Computation

Data: "TAPBacetic38ACNphcn90C_eiger2_12120_sub_rebin_ang.dat"



10⁻³

 $Q(A^{-1})$

10-2

