File name: TAPBacetic38ACNphcn90C_eiger2_12010_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: 0.37887

scale = 0.00011004 ± 3530.5

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

fractal_fuzzysphere_coreshellsphere = (fixed)

A_scale = 1.7402 ± 9.9981e+07

A_volfraction = 0.034161 ± 2.5278e+06

A_radius = 534.07 ± 590.62 Å

A_fractal_dim = 6 ± 1e+08

A_cor_length = 0 ± 1e+08 Å

A_sld_block = 14.805 ± 9.9993e+07 10^{-6}/Å^2

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

B_scale = 0.41848 ± 2.8653e+07

B_sld = 12.039 ± 9.6682e+07 10^{-6}/Å^2

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

B_radius = 6464.1 ± 340.59 Å

B_fuzziness = 0 ± 1e+08 Å

C_scale = 3.0903 ± 9.9149e+07

C_radius = 3075.3 ± 37.471 Å

C_thickness = 1973.4 ± 45.307 Å

C_sld_core = 13.287 ± 341.35 10^{-6}/Å^2

C_sld_shell = 10.368 ± 114.31 10^{-6}/Å^2

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

Distribution of A_radius = 1 ± 0.99721 Function: lognormal

Distribution of B_radius = 0.14749 ± 0.021058 Function: lognormal

Distribution of B_fuzziness = 0 ± 1e+08 Function: lognormal

Distribution of C_radius = 0.064666 ± 0.013471 Function: lognormal

Distribution of C_thickness = 0.2087 ± 0.021785 Function: lognormal

Graph

Model Computation

Data: "TAPBacetic38ACNphcn90C_eiger2_12010_sub_rebin_ang.dat"

M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12010_sub_rebin_ang.dat]

M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12010_sub_rebin_ang.dat]

M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12010_sub_rebin_ang.dat]

M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12010_sub_rebin_ang.dat]

probability(normalized)

C_thickness(Ang)