File name: TAPBacetic38ACNphcn90C_eiger2_12080_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: 0.4005
scale = 0.00011429 ± 3207.5
background = 0.15 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.5789 ± 9.9961e+07
A_volfraction = 0.04386 ± 3.3962e+06
A_radius = 302.6 ± 187.96 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 14.665 ± 9.9988e+07 10^{-6}/Å^2
A_sld_solvent = 8.9 (fixed) 10^{-6}/Å^2
B_scale = 0.20851 ± 1.0359e+07
B_sld = 13.745 ± 9.9633e+07 10^{-6}/Å^2
B_sld_solvent = 8.9 (fixed) 10^{-6}/Å^2
B_radius = 7052.9 ± 119.7 Å
B_fuzziness = 2499.4 ± 3202.2 Å
C_scale = 3.5569 ± 9.9822e+07
C_radius = 3231.8 ± 38.385 Å
C_thickness = 2061 ± 70.248 Å
C_sld_core = 13.228 ± 131.87 10^{-6}/Å^2
C_sld_shell = 10.342 ± 43.96 10^{-6}/Å^2
C_sld_solvent = 8.9 (fixed) 10^{-6}/Å^2
Distribution of A_radius = 1 ± 0.48494 Function: lognormal
Distribution of B_radius = 0 ± 0.31709 Function: lognormal
Distribution of B_fuzziness = 1 ± 0.56239 Function: lognormal
Distribution of C_radius = 0.047821 ± 0.013605 Function: lognormal
Distribution of C_thickness = 0.22143 ± 0.029489 Function: lognormal

Graph

Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat"

Intensity(cm^{-1}) vs Q(A^{-1})

M1 [TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat

Residuals(normalized) vs Q(A^{-1})

Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat]

M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat]

M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat]

M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat]

M1 B_fuzziness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12080_sub_rebin_ang.dat]