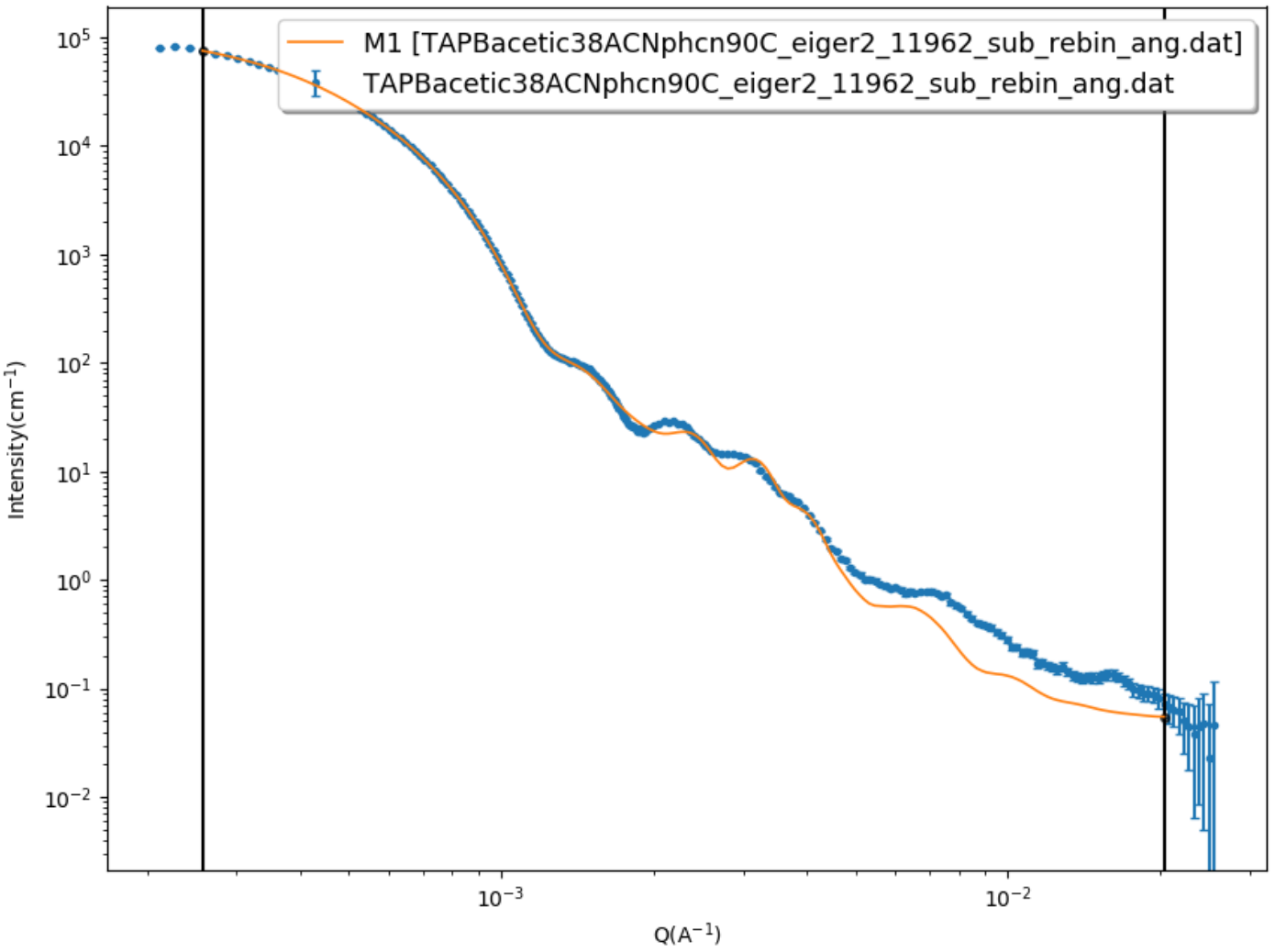
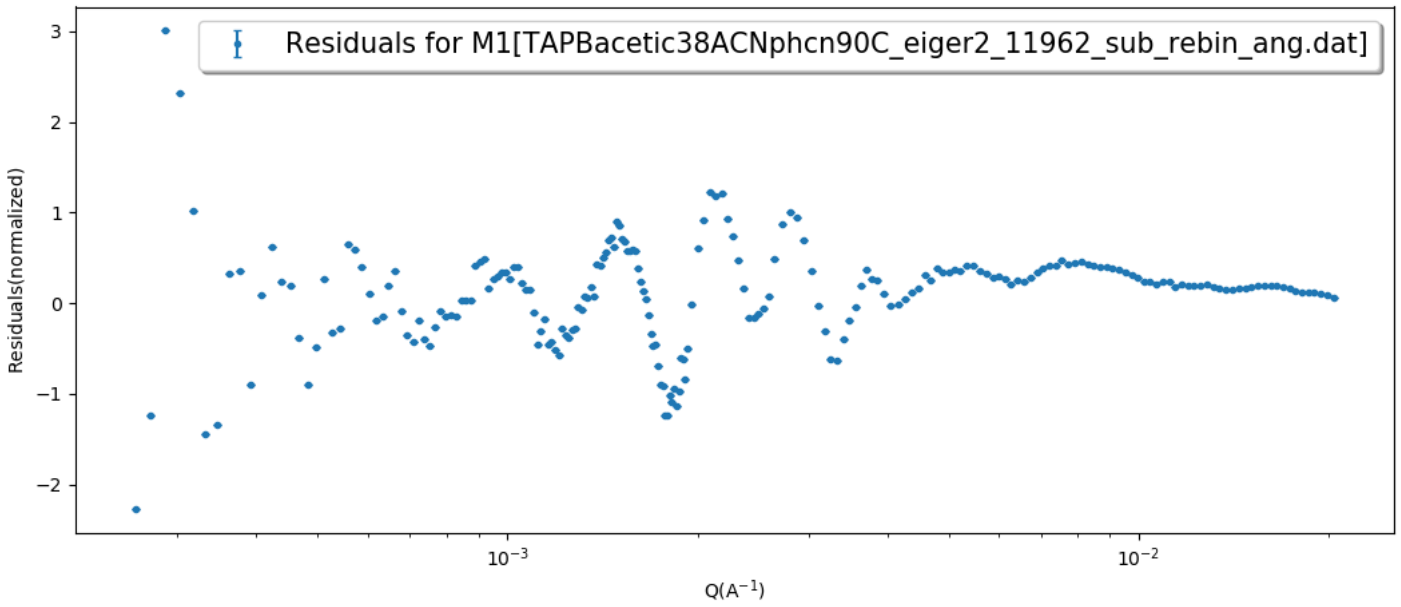
File name: TAPBacetic38ACNphcn90C_eiger2_11962_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.36686
scale = 0.0001182 ± 5943.2
background = 0.05 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.5271 ± 9.9876e+07
A_volfraction = 0.076356 ± 7.1593e+06
A_radius = 751.1 ± 9099.3 Å
A_fractal_dim = 0.005792 ± 11083
A_cor_length = 5.0717e-16 ± 2.5668e-07 Å
A_sld_block = 13.362 ± 9.9942e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 1.1604 ± 6.688e+07
B_sld = 12.798 ± 8.9666e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 3254.5 ± 3.947e+05 Å
B_fuzziness = 2632.3 ± 1.2446e+05 Å
C_scale = 1.7192 ± 8.6442e+07
C_radius = 2917 ± 49.855 Å
C_thickness = 1786.8 ± 62.1 Å
C_sld_core = 13.505 ± 483.9 $10^{-6}/Å^2$
C_sld_shell = 10.314 ± 148.72 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 1 ± 13.621 Function: lognormal
Distribution of B_radius = 0.20686 ± 15.582 Function: lognormal
Distribution of B_fuzziness = 6.7611e-05 ± 11068 Function: lognormal
Distribution of C_radius = 0.080426 ± 0.016684 Function: lognormal
Distribution of C_thickness = 0.091286 ± 0.092009 Function: lognormal

Graph

Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_11962_sub_rebin_ang.dat"


M1 [TAPBacetic38ACNphcn90C_eiger2_11962_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_11962_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_11962_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})