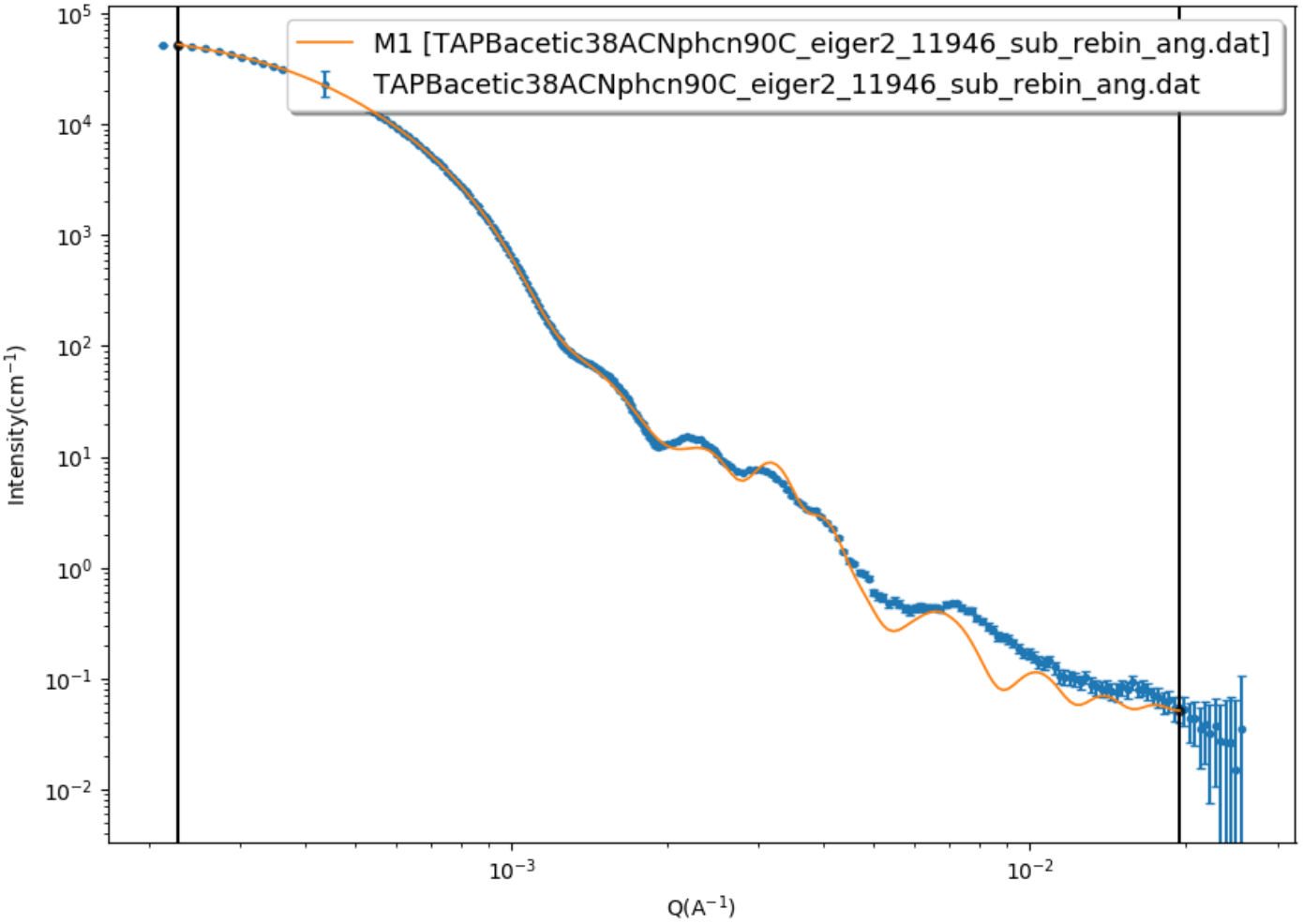
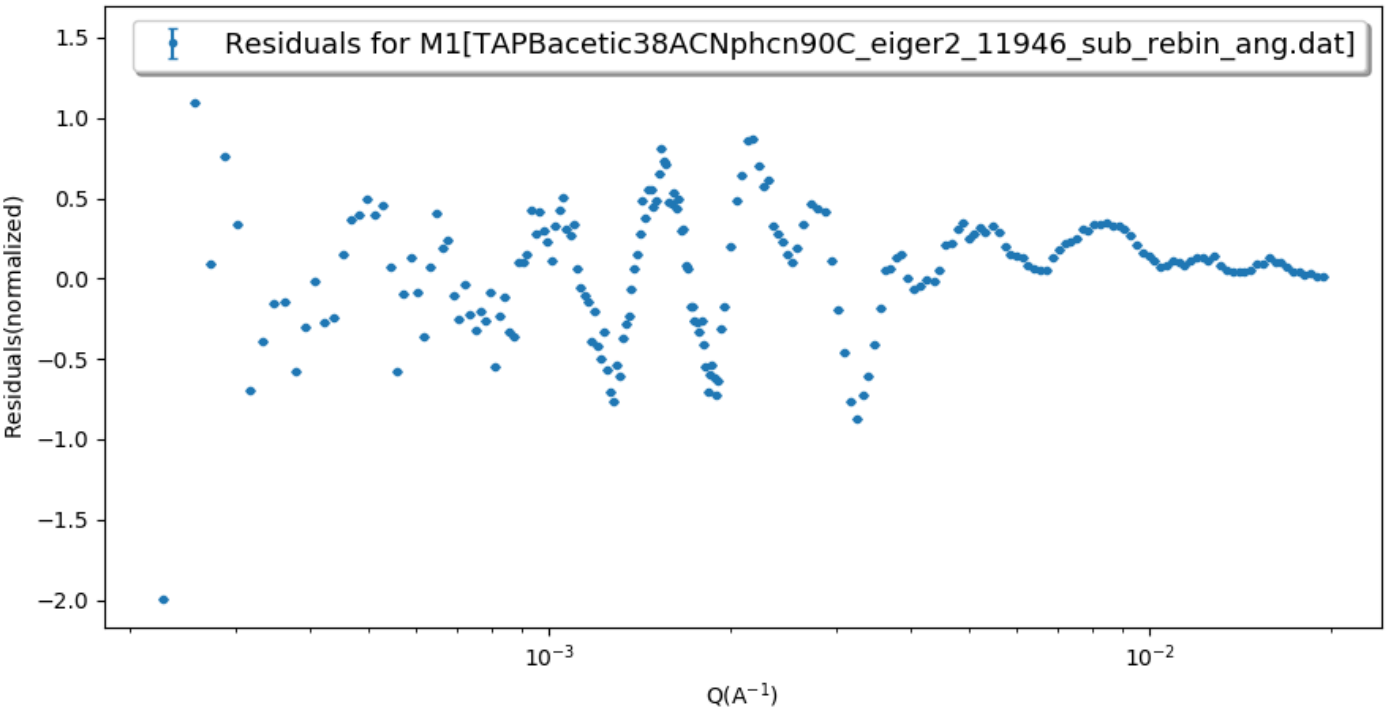
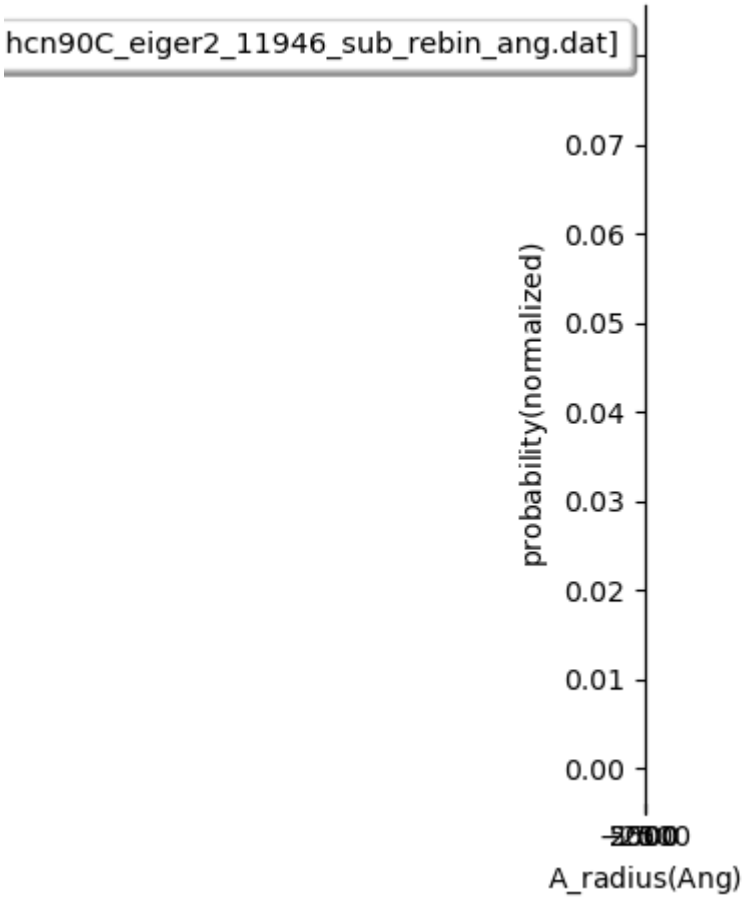
File name: TAPBacetic38ACNphcn90C_eiger2_11946_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.17706
scale = 0.00011034 ± 6241.8
background = 0.05 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.1915 ± 9.9875e+07
A_volfraction = 0.059617 ± 6.7198e+06
A_radius = 1869.5 ± 190.56 Å
A_fractal_dim = 5.6361 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 12.888 ± 9.9955e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 1.0993 ± 6.8484e+07
B_sld = 12.673 ± 9.0534e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 2951.6 ± 80488 Å
B_fuzziness = 2187.5 ± 22331 Å
C_scale = 1.4898 ± 8.4275e+07
C_radius = 2909.4 ± 61.335 Å
C_thickness = 1784.3 ± 76.174 Å
C_sld_core = 13.239 ± 451.57 $10^{-6}/Å^2$
C_sld_shell = 9.9916 ± 113.72 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.1534 ± 0.10359 Function: lognormal
Distribution of B_radius = 0.27395 ± 5.9569 Function: lognormal
Distribution of B_fuzziness = 0.00025312 ± 535.91 Function: lognormal
Distribution of C_radius = 0.079506 ± 0.016965 Function: lognormal
Distribution of C_thickness = 0.0010655 ± 5.5651 Function: lognormal

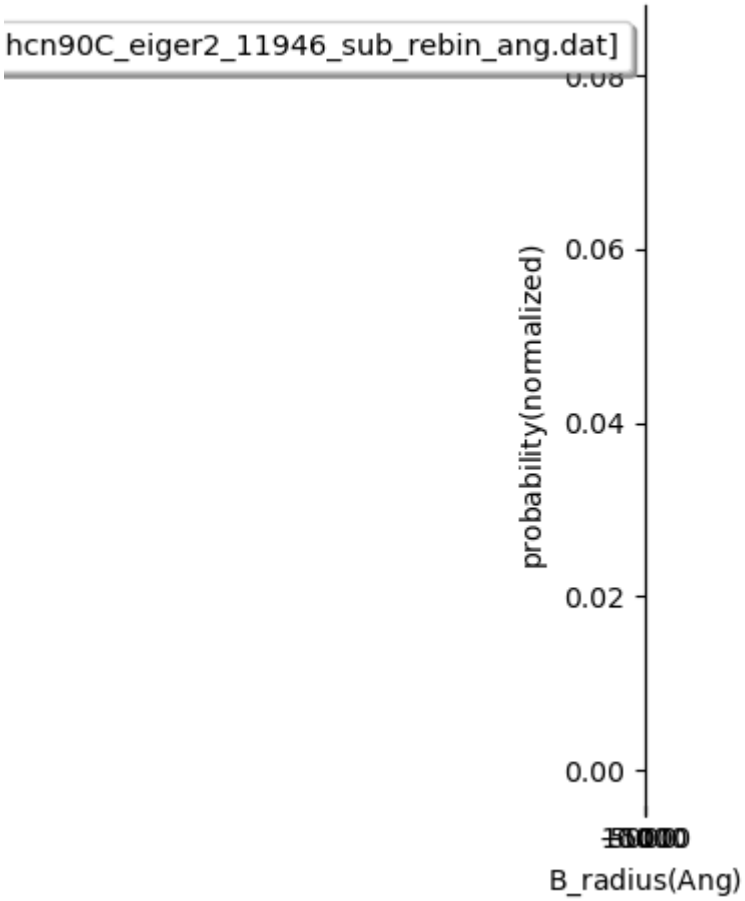
Graph

Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_11946_sub_rebin_ang.dat"


M1 [TAPBacetic38ACNphcn90C_eiger2_11946_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_11946_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_11946_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


hcn90C_eiger2_11946_sub_rebin_ang.dat]
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability(normalized)
A_radius(Ang)


hcn90C_eiger2_11946_sub_rebin_ang.dat]
0.06
0.04
0.02
0.00
probability(normalized)
B_radius(Ang)