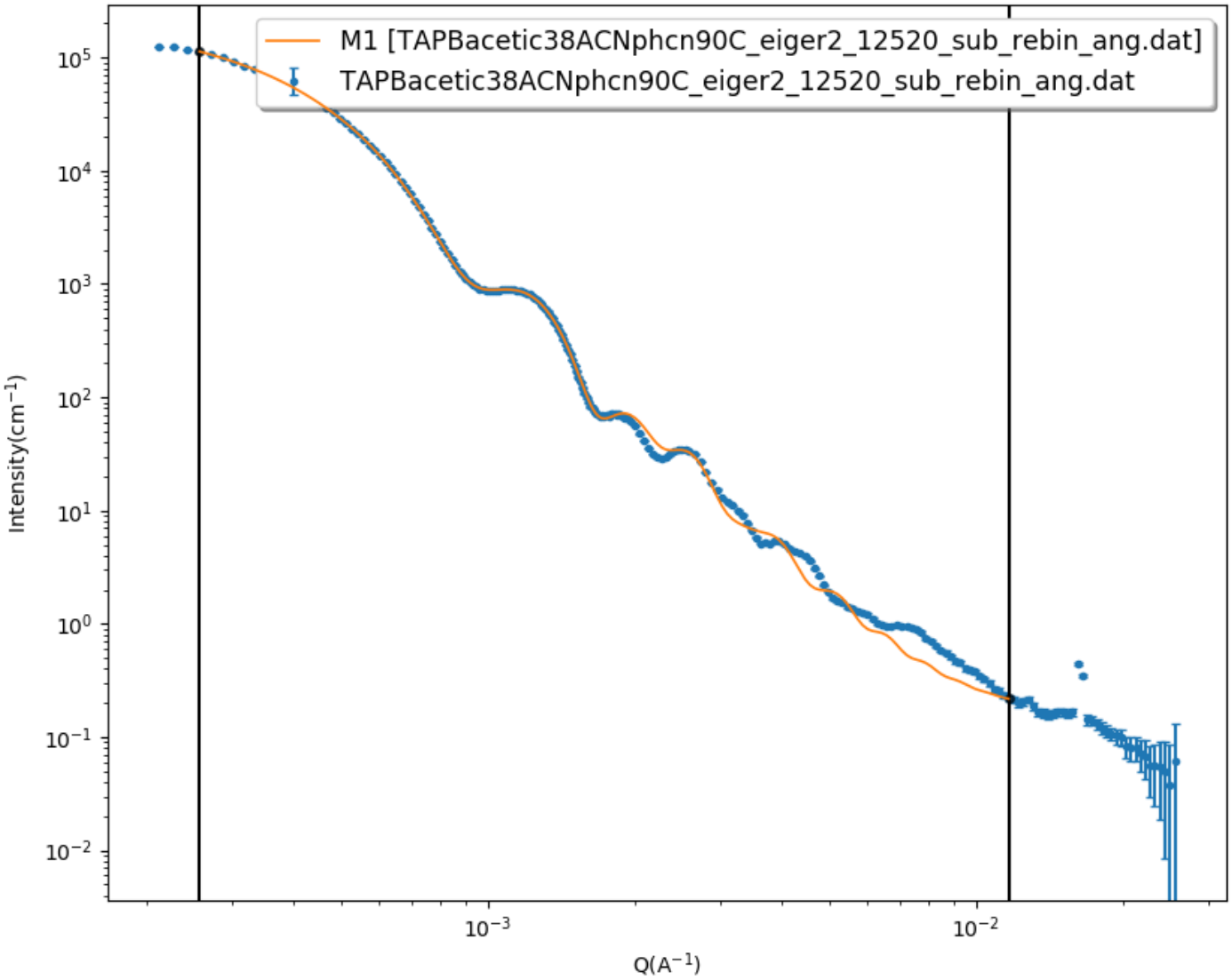
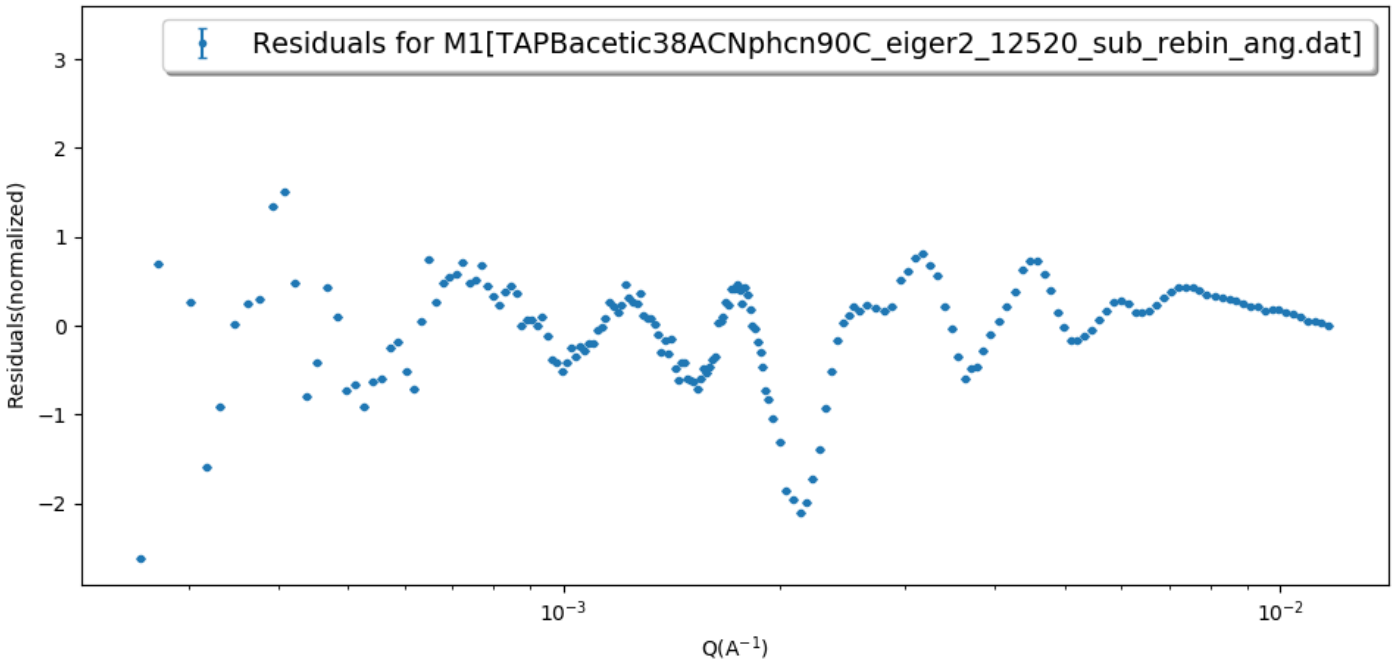
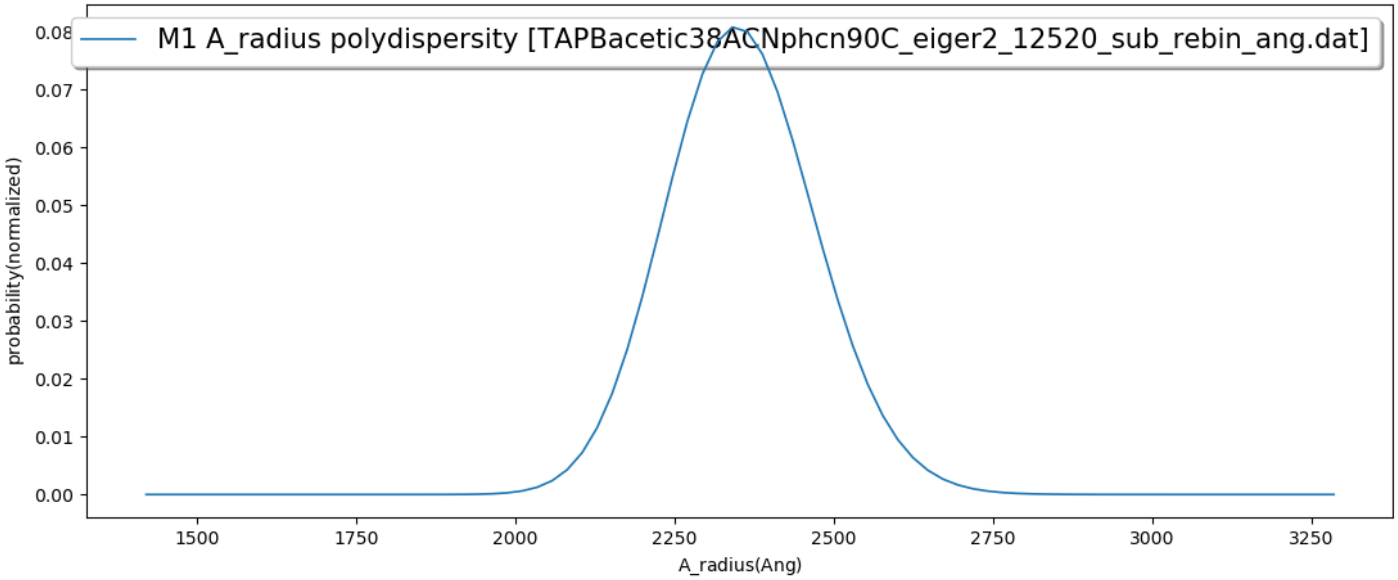
File name: TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.43057
scale = 9.2289e-05 ± 0.00017333
background = 0.16 (fixed) cm^{-1}
fractalcoreshellsphere = (fixed)
A_scale = 4.3741 ± 13.848
A_volfraction = 0.024651 ± 0.070895
A_radius = 2352.5 ± 22.056 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 15.338 ± 8.6571 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 4.6488 ± 8.3292
B_radius = 4634.5 ± 9.9301 Å
B_thickness = 2531.2 ± 121.79 Å
B_sld_core = 14 ± 1.6928 $10^{-6}/Å^2$
B_sld_shell = 9.4212 ± 0.17786 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.049539 ± 0.02245 Function: lognormal
Distribution of B_radius = 0.076306 ± 0.0033199 Function: lognormal
Distribution of B_thickness = 0.5535 ± 0.024149 Function: lognormal

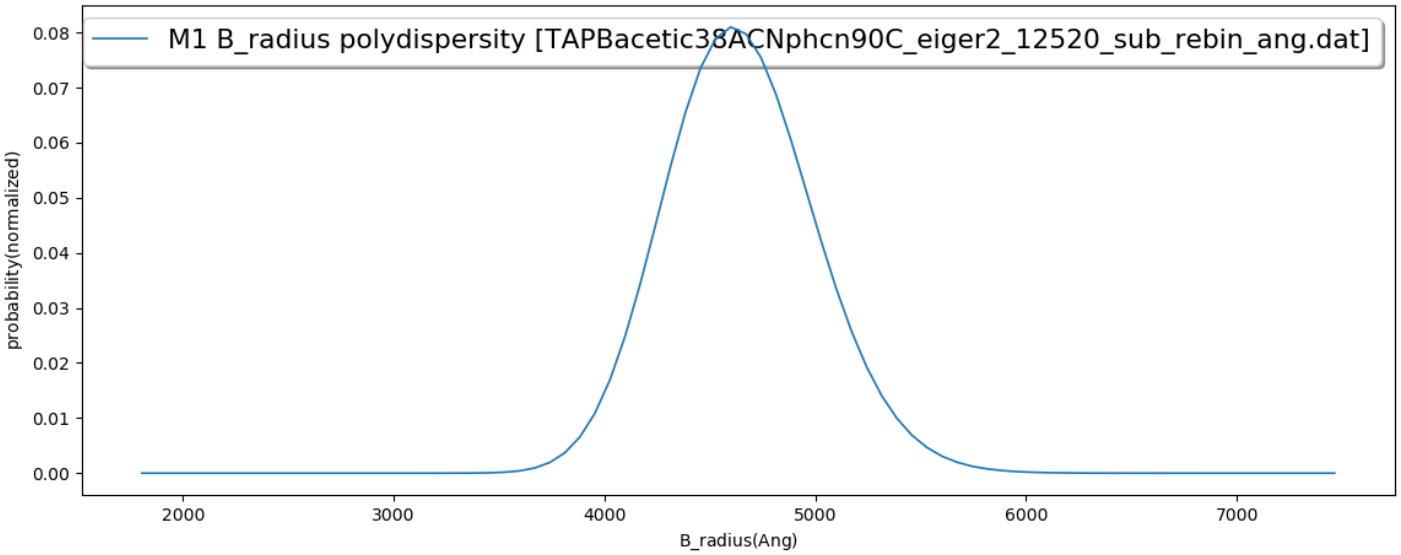
Graph

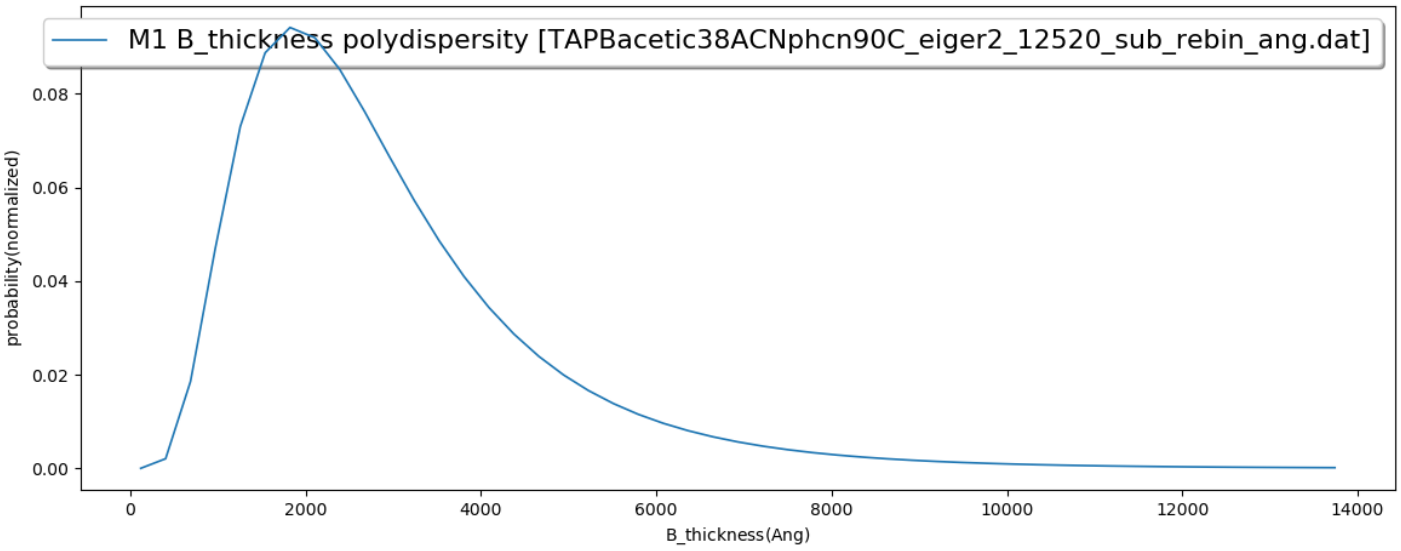
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat"


M1 [TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat]
probability(normalized)
A_radius(Ang)


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat]
probability(normalized)
B_radius(Ang)


M1 B_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12520_sub_rebin_ang.dat]
probability(normalized)
B_thickness(Ang)