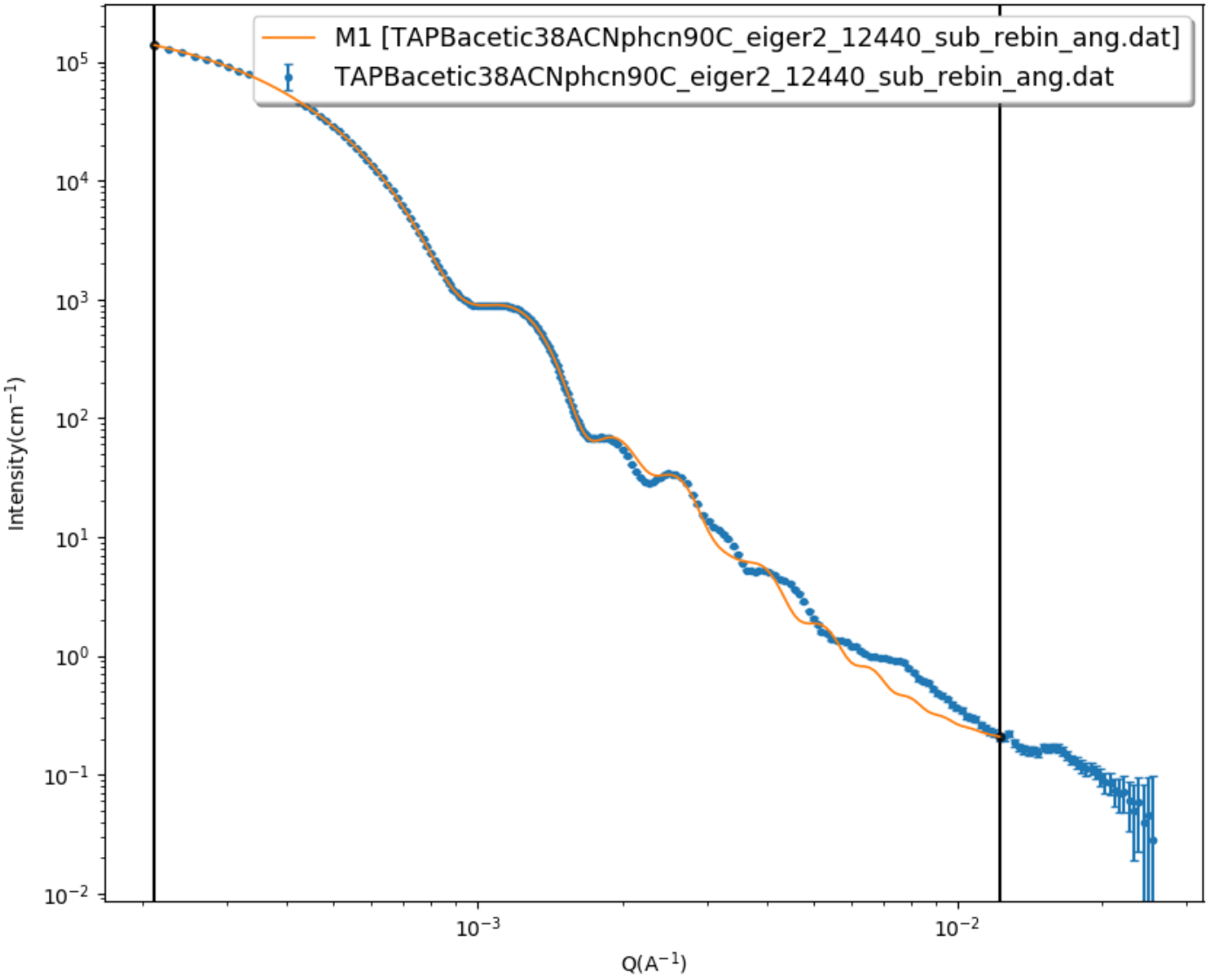
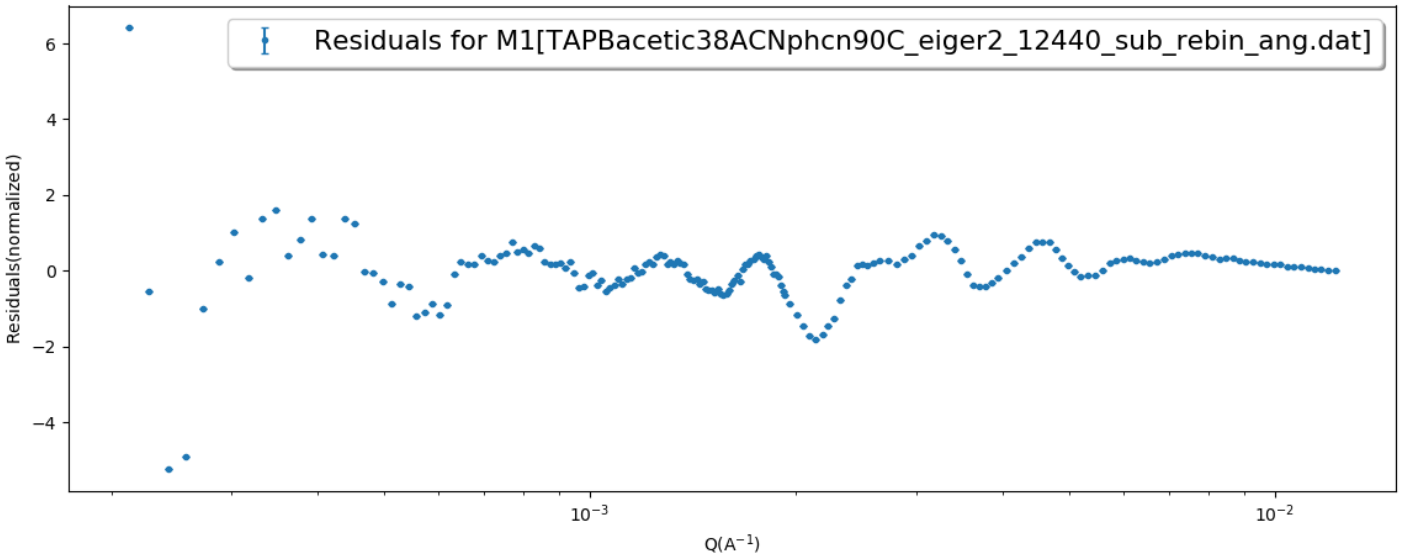
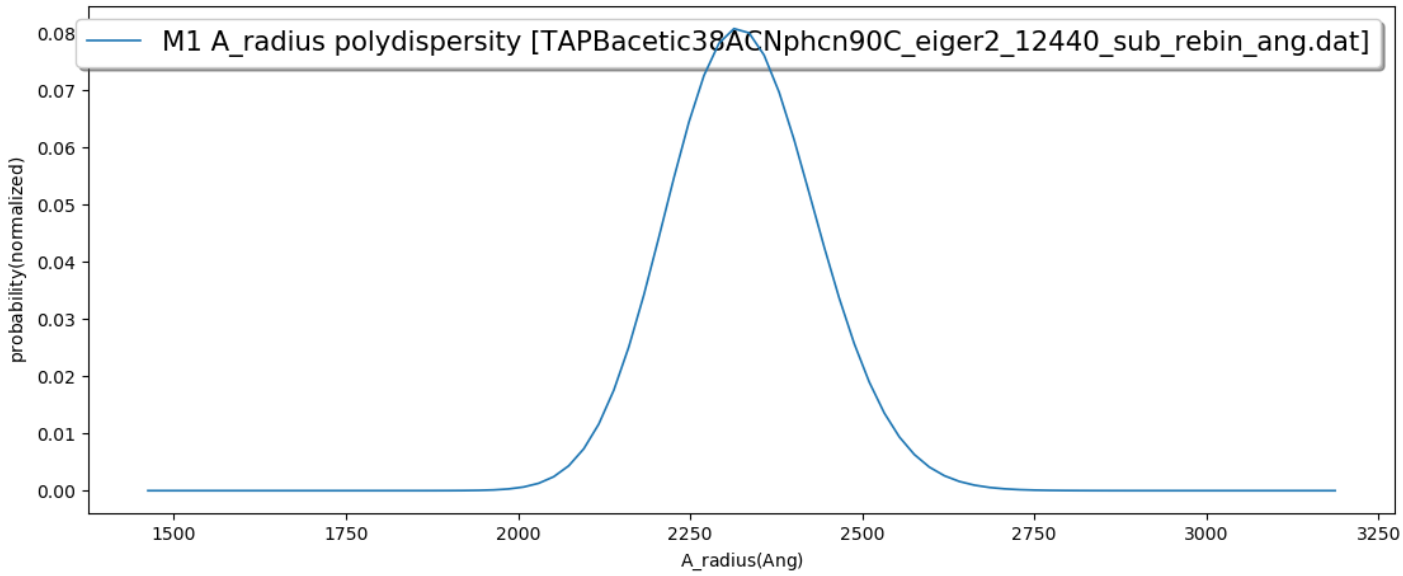
File name: TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.77004
scale = 0.00010187 ± 0.00013197
background = 0.16 (fixed) cm^{-1}
fractalcoreshellsphere = (fixed)
A_scale = 2.3972 ± 8.9904
A_volfraction = 0.049915 ± 0.18912
A_radius = 2324.7 ± 20.059 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 14.771 ± 6.2711 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 7.4531 ± 9.6401
B_radius = 4611.8 ± 10.333 Å
B_thickness = 2417.2 ± 119.41 Å
B_sld_core = 12.755 ± 1.2527 $10^{-6}/Å^2$
B_sld_shell = 9.3255 ± 0.14857 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.046368 ± 0.022409 Function: lognormal
Distribution of B_radius = 0.07601 ± 0.0032888 Function: lognormal
Distribution of B_thickness = 0.61368 ± 0.019131 Function: lognormal

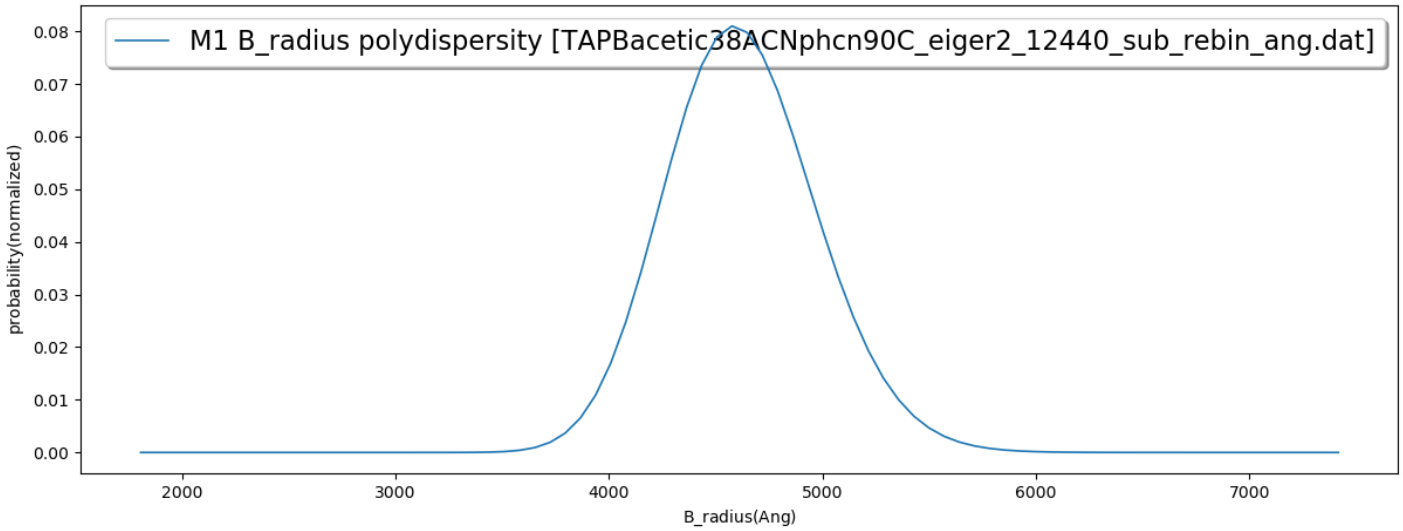
Graph

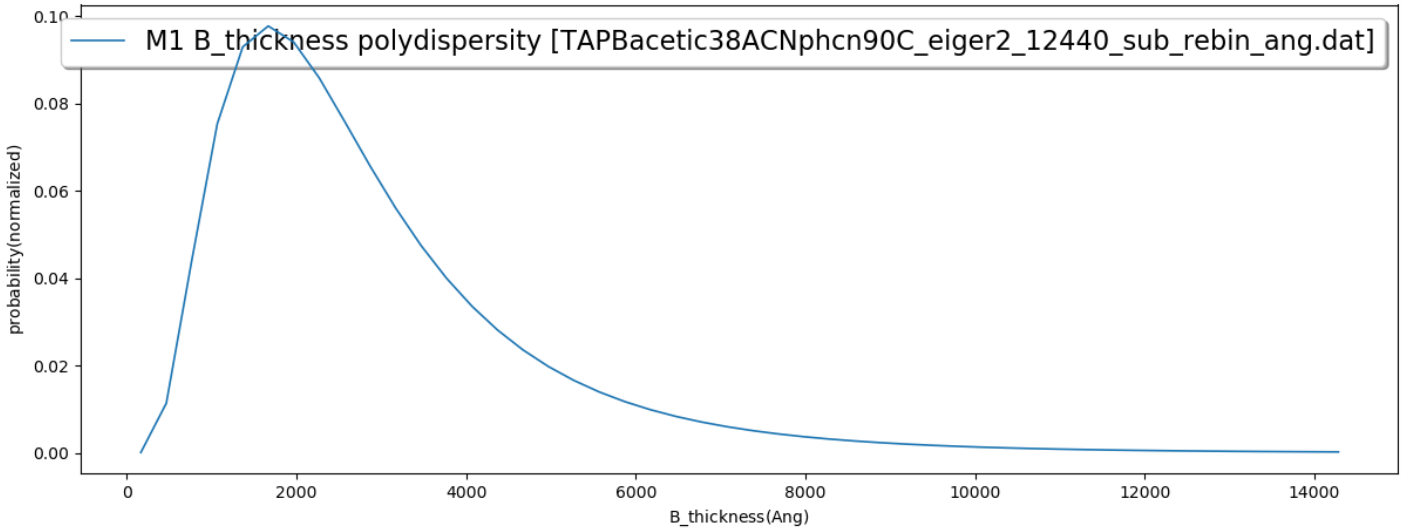
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat"


M1 [TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat]
probability(normalized)
A_radius(Ang)


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat]
probability(normalized)
B_radius(Ang)


M1 B_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12440_sub_rebin_ang.dat]
probability(normalized)
B_thickness(Ang)