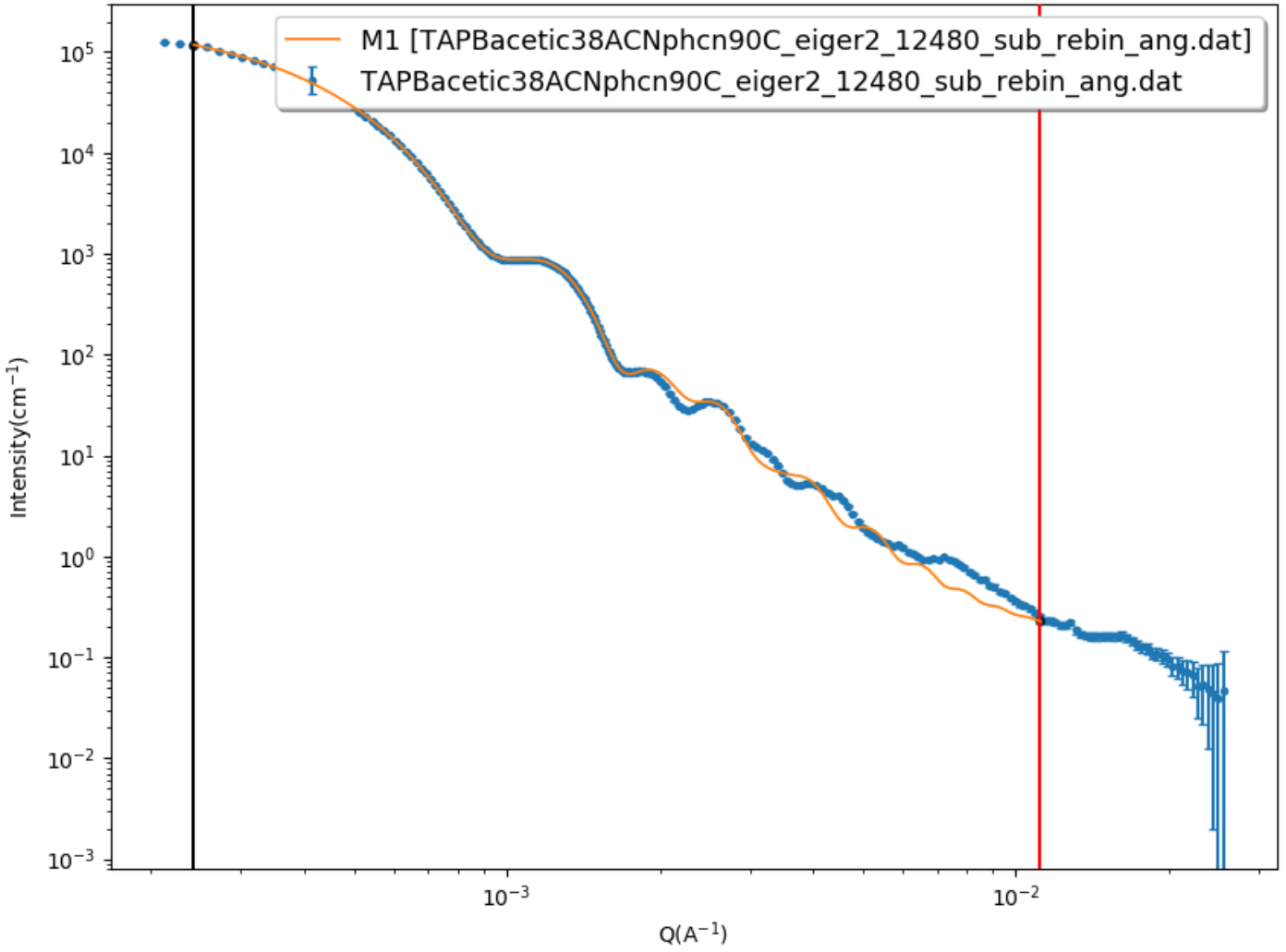
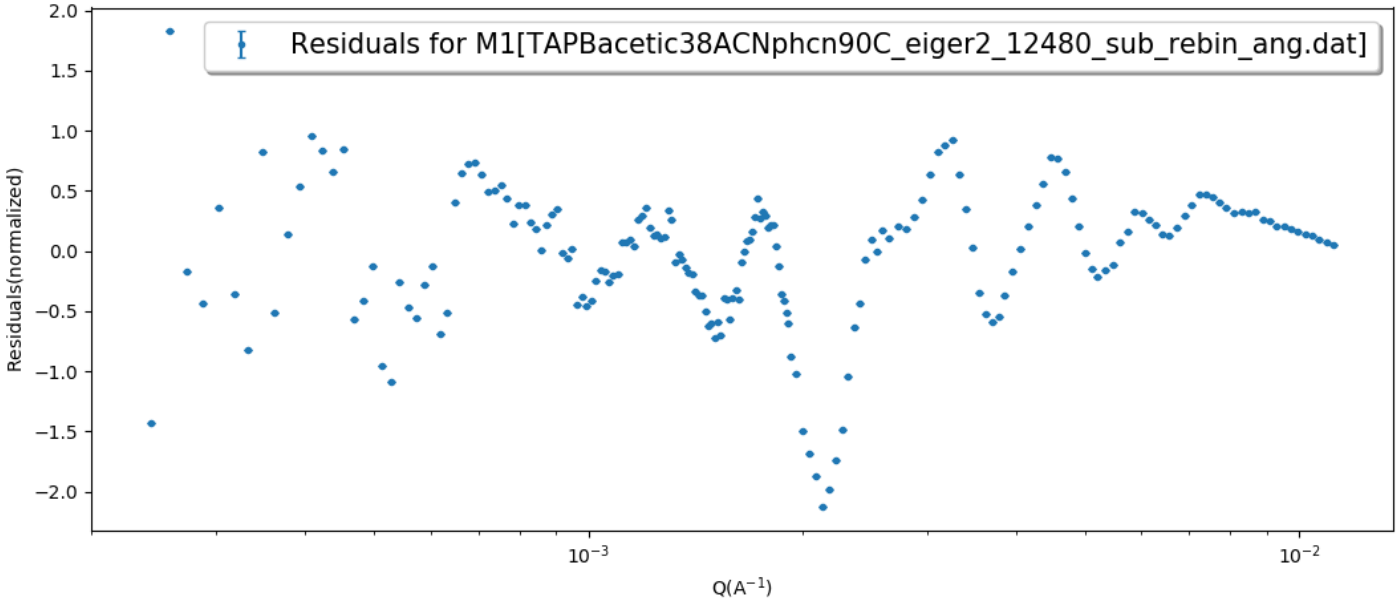
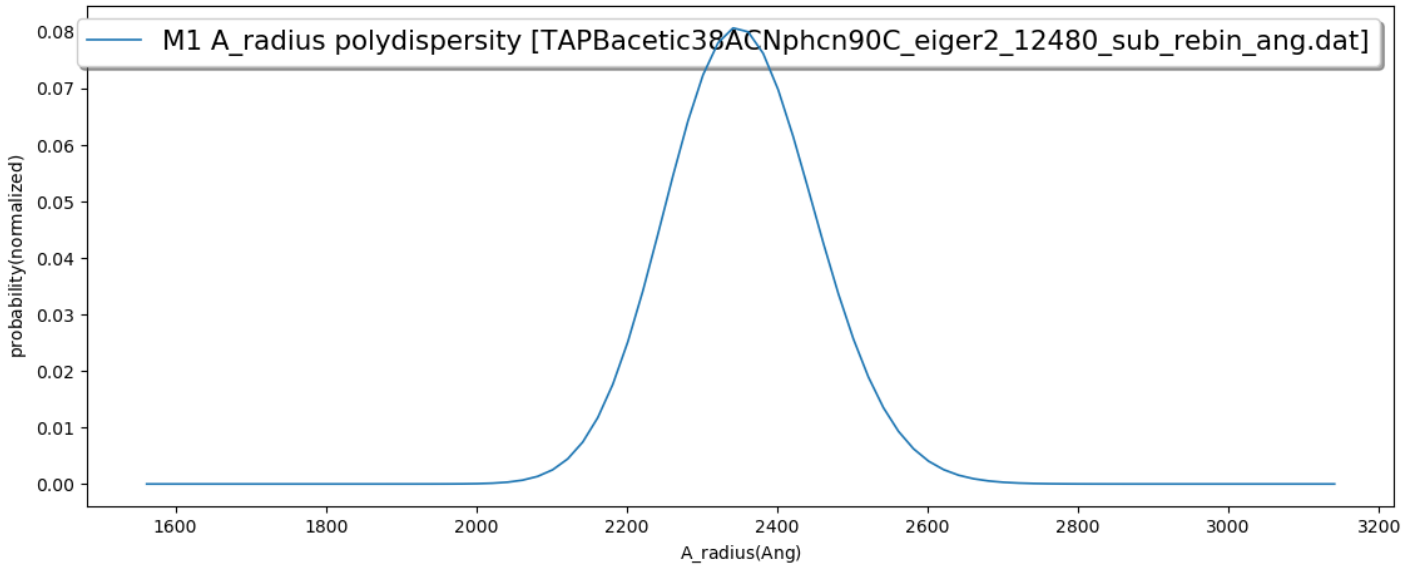
File name: TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.34552
scale = 9.2251e-05 ± 0.00017472
background = 0.16 (fixed) cm^{-1}
fractalcoreshellsphere = (fixed)
A_scale = 4.1036 ± 14.929
A_volfraction = 0.025309 ± 0.083686
A_radius = 2351.4 ± 20.38 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 15.434 ± 8.4528 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 4.6457 ± 8.9844
B_radius = 4628.2 ± 9.6143 Å
B_thickness = 2593.2 ± 114.57 Å
B_sld_core = 14.001 ± 1.3854 $10^{-6}/Å^2$
B_sld_shell = 9.4037 ± 0.14622 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.041975 ± 0.023896 Function: lognormal
Distribution of B_radius = 0.076977 ± 0.0031478 Function: lognormal
Distribution of B_thickness = 0.53872 ± 0.021402 Function: lognormal

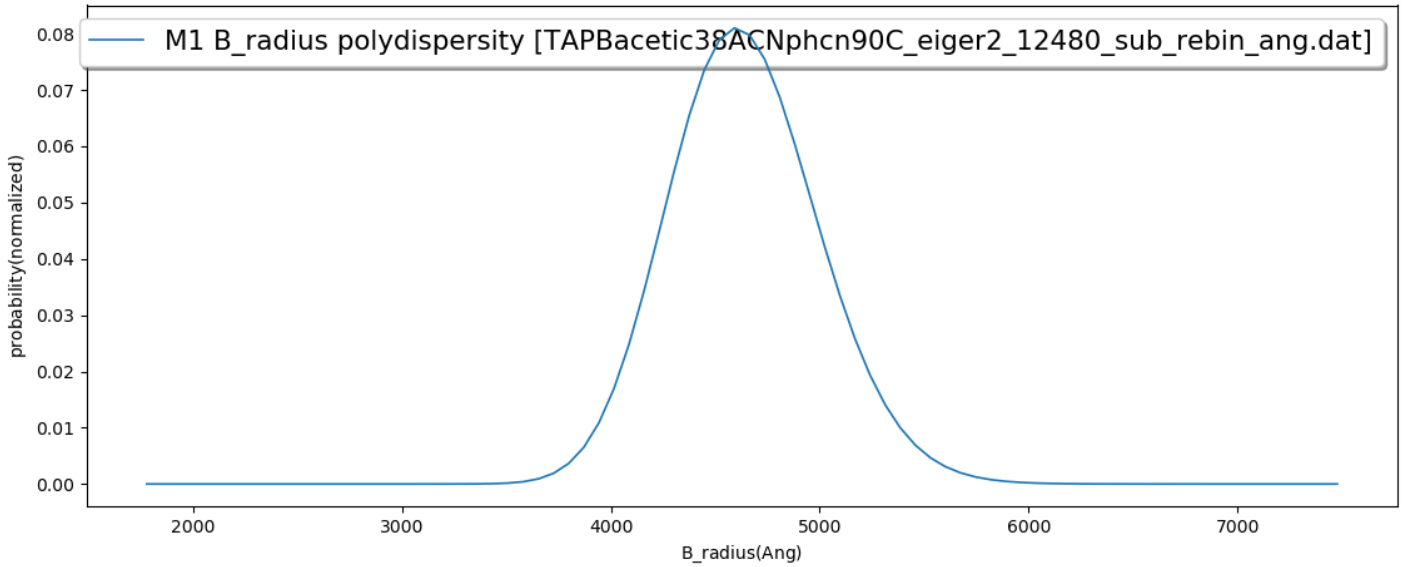
Graph

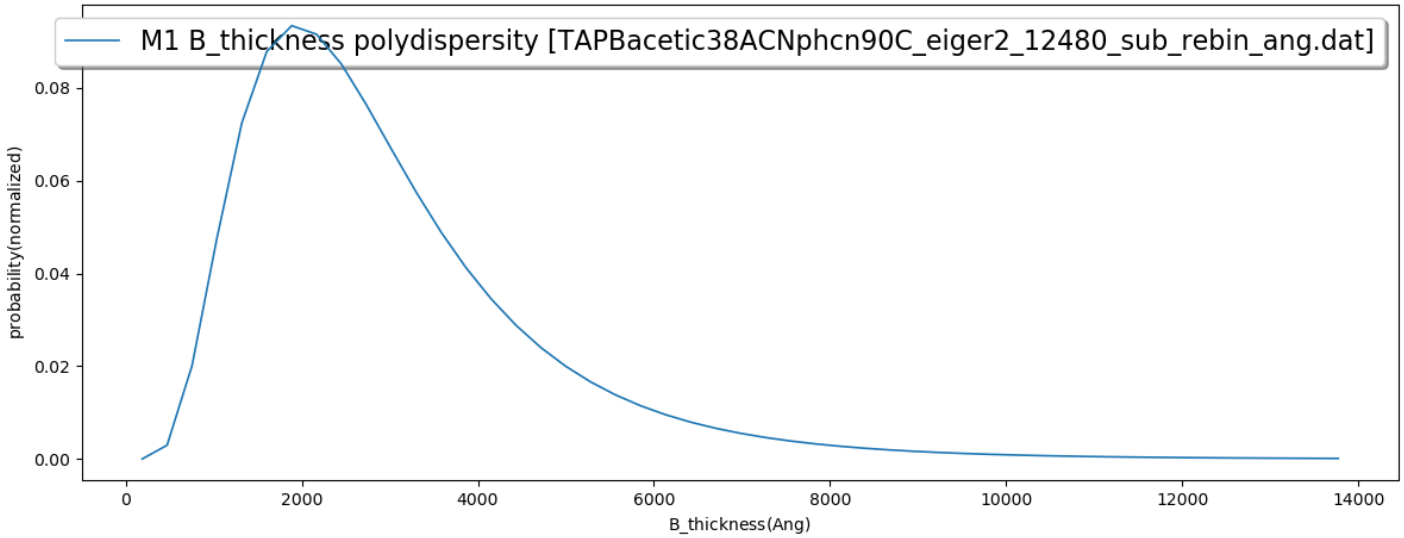
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat"


M1 [TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat]
probability(normalized)
A_radius(Ang)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
1600
1800
2000
2200
2400
2600
2800
3000
3200


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat]
probability(normalized)
B_radius(Ang)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
2000
3000
4000
5000
6000
7000


M1 B_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12480_sub_rebin_ang.dat]
probability(normalized)
B_thickness(Ang)
0.00
0.02
0.04
0.06
0.08
0
2000
4000
6000
8000
10000
12000
14000