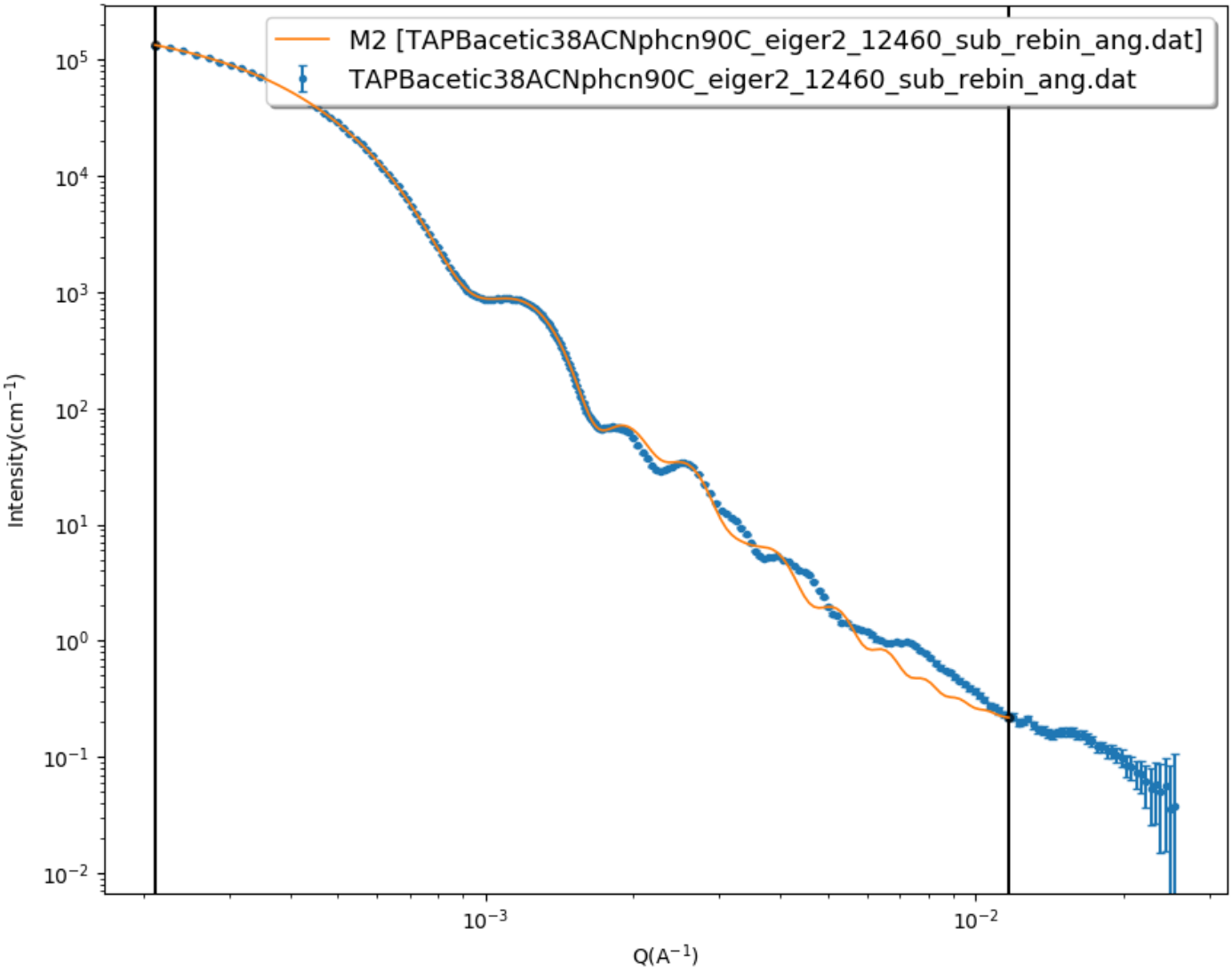
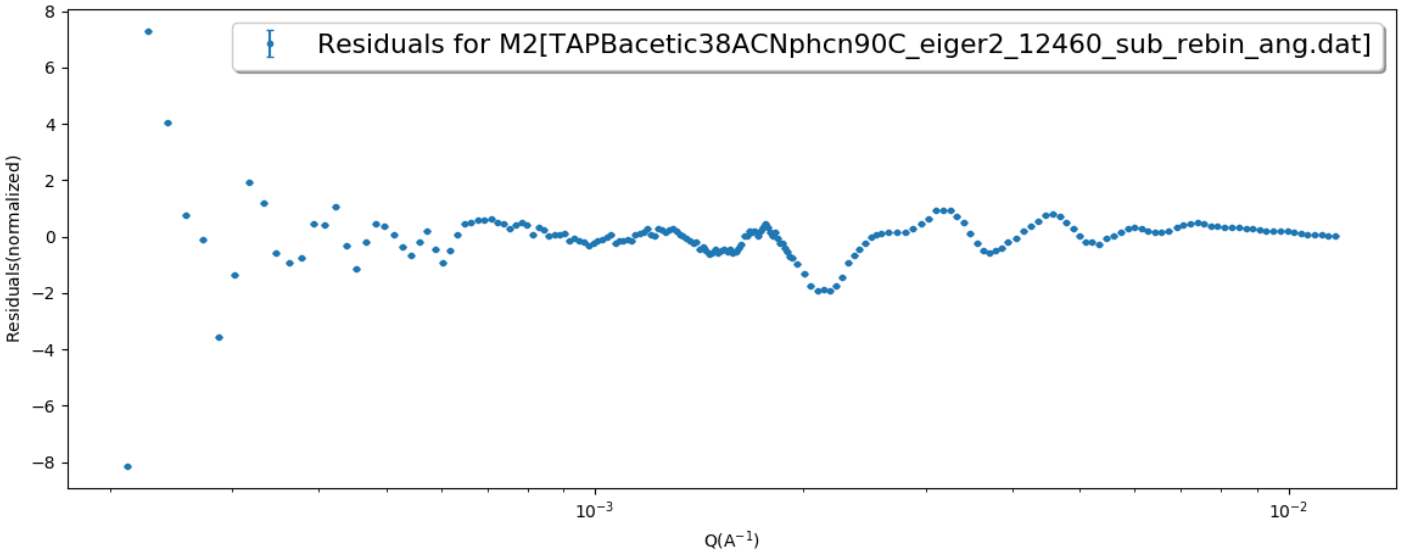
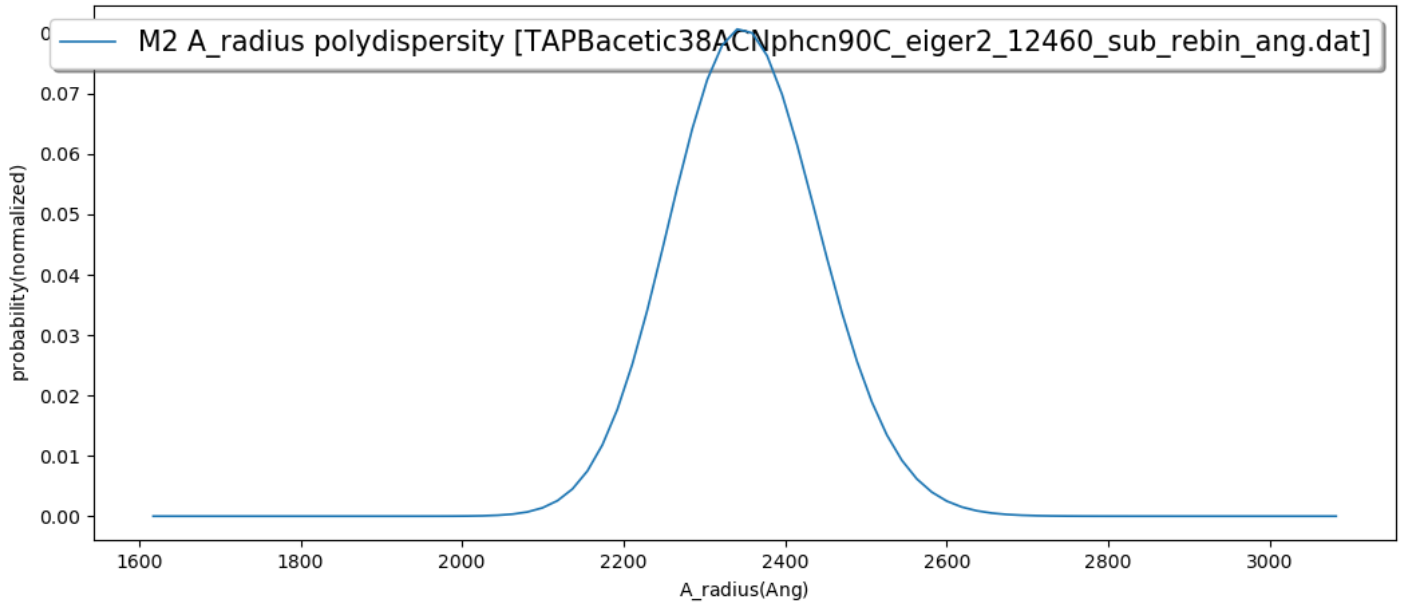
File name: TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 1.0562
scale = 9.3131e-05 ± 0.00013974
background = 0.16 (fixed) $cm^{-1}$
fractalcoreshellsphere = (fixed)
A_scale = 4.0759 ± 16.223
A_volfraction = 0.024825 ± 0.09192
A_radius = 2349.9 ± 18.257 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 15.494 ± 9.3412 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 4.6907 ± 6.4804
B_radius = 4624.4 ± 9.2158 Å
B_thickness = 2648.1 ± 102.15 Å
B_sld_core = 14.035 ± 1.153 $10^{-6}/Å^2$
B_sld_shell = 9.3974 ± 0.11969 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.038952 ± 0.022999 Function: lognormal
Distribution of B_radius = 0.077223 ± 0.0029686 Function: lognormal
Distribution of B_thickness = 0.53566 ± 0.017211 Function: lognormal

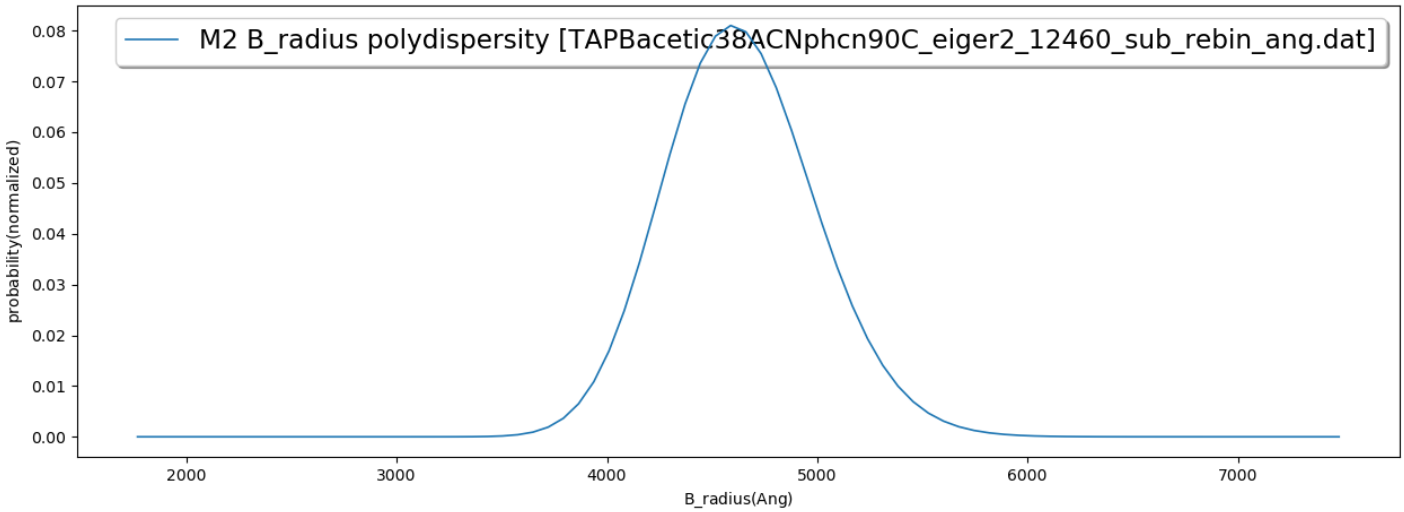
**Graph**

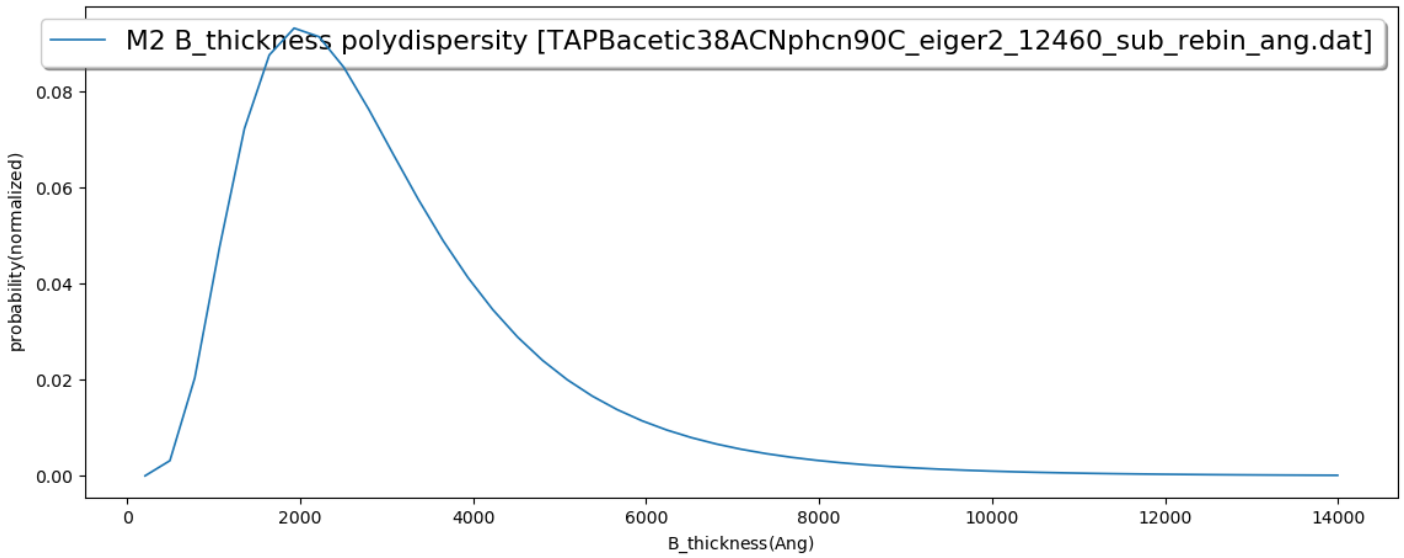
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat"


M2 [TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat
Intensity(cm$^{-1}$)
Q(A$^{-1}$)


Residuals for M2[TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat]
Residuals(normalized)
Q(A$^{-1}$)


M2 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat]
probability(normalized)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
1600
1800
2000
2200
2400
2600
2800
3000
A_radius(Ang)


M2 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat]
probability(normalized)
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
2000
3000
4000
5000
6000
7000
B_radius(Ang)


M2 B_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12460_sub_rebin_ang.dat]
probability(normalized)
0.08
0.06
0.04
0.02
0.00
0
2000
4000
6000
8000
10000
12000
14000
B_thickness(Ang)