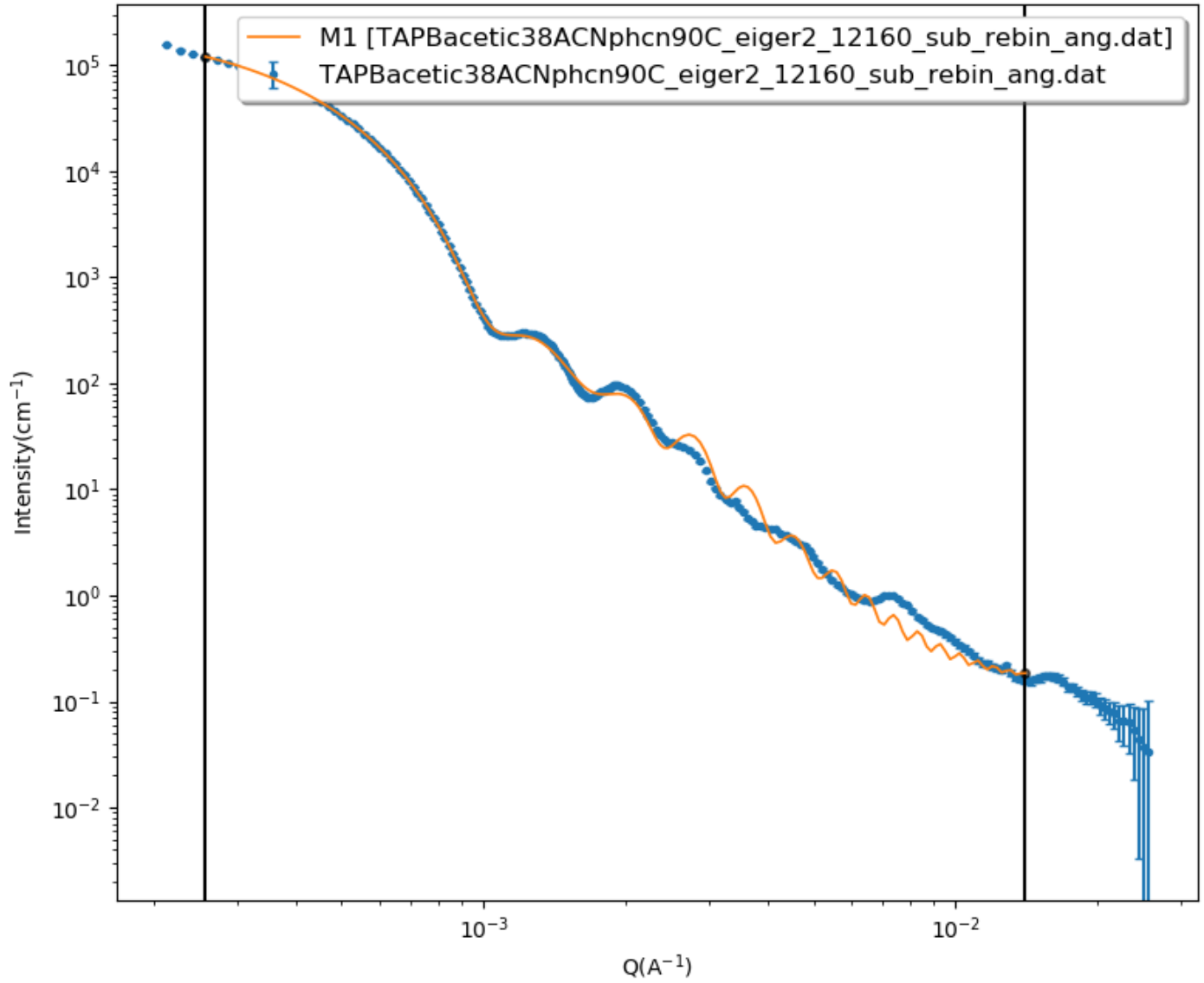
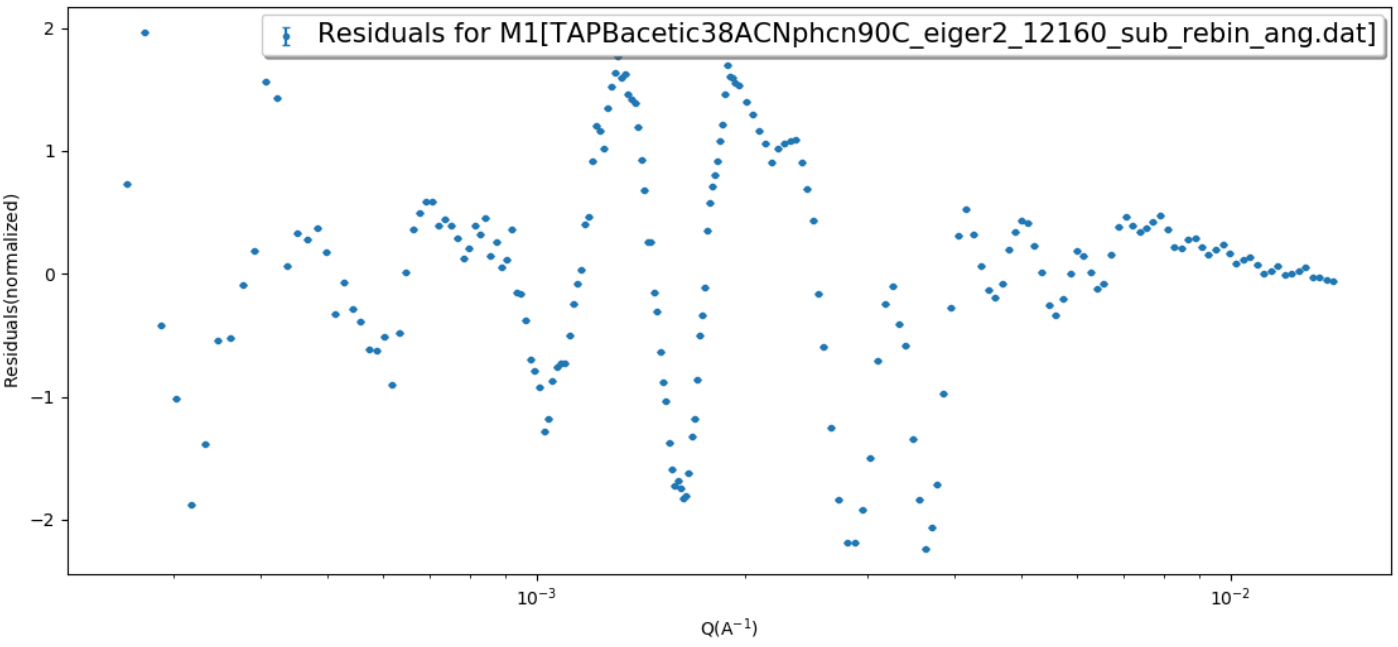
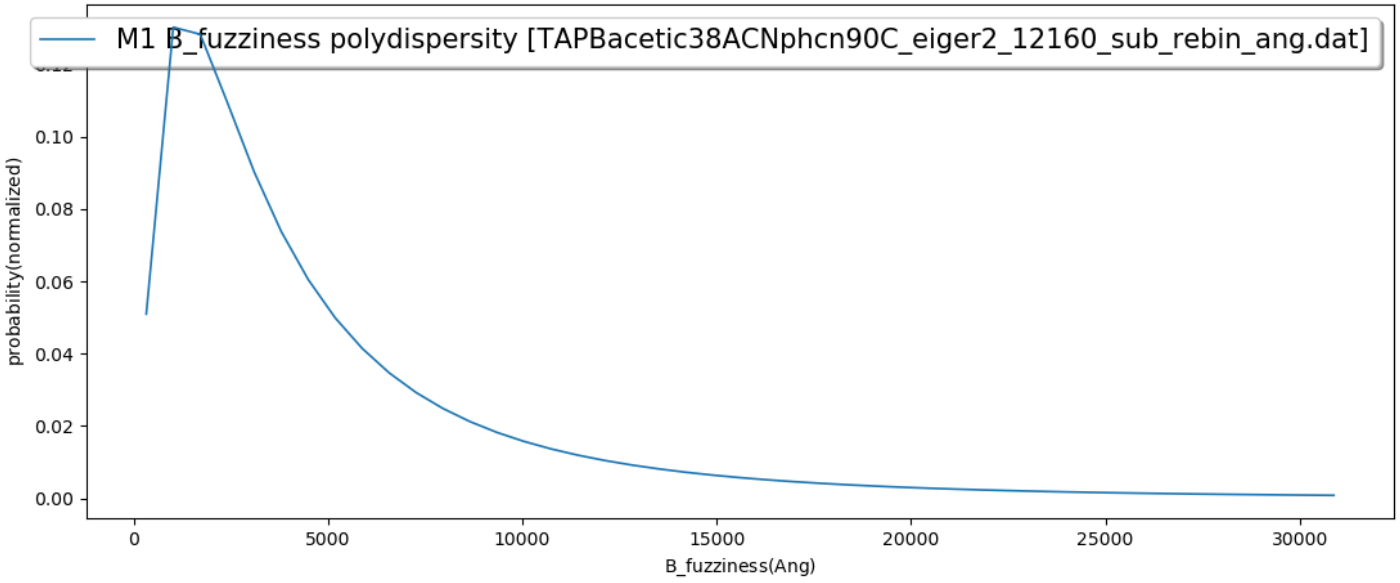
File name: TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.91651
scale = 0.00012357 ± 3127.3
background = 0.15 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.6739 ± 9.9961e+07
A_volfraction = 0.0465 ± 3.3974e+06
A_radius = 397.3 ± 234.07 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 14.838 ± 9.9988e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 0.23756 ± 1.0839e+07
B_sld = 14.128 ± 9.9591e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 7263.3 ± 176.88 Å
B_fuzziness = 3446.3 ± 5155.6 Å
C_scale = 3.9438 ± 9.9814e+07
C_radius = 3376.6 ± 37.718 Å
C_thickness = 1988.9 ± 79.364 Å
C_sld_core = 12.608 ± 113.44 $10^{-6}/Å^2$
C_sld_shell = 10.292 ± 42.585 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.77975 ± 0.31074 Function: lognormal
Distribution of B_radius = 0 ± 0.31358 Function: lognormal
Distribution of B_fuzziness = 0.99495 ± 1.5059 Function: lognormal
Distribution of C_radius = 0.0091033 ± 0.050428 Function: lognormal
Distribution of C_thickness = 0.25845 ± 0.0312 Function: lognormal

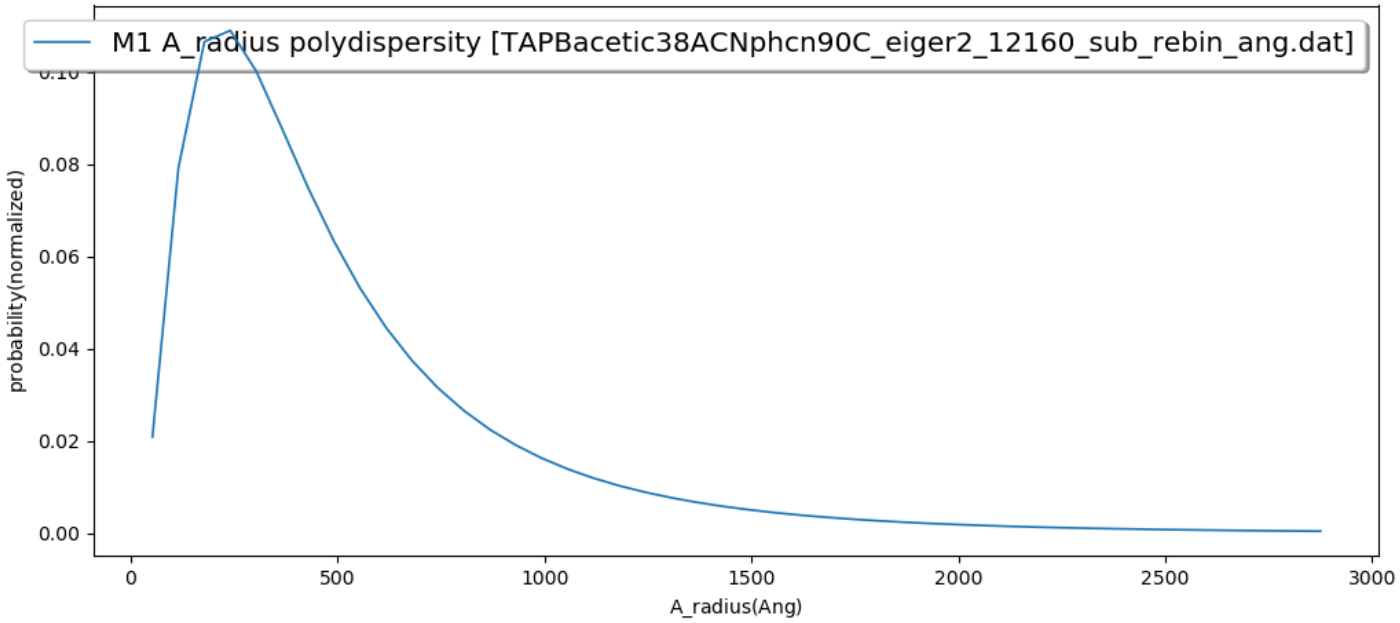
Graph

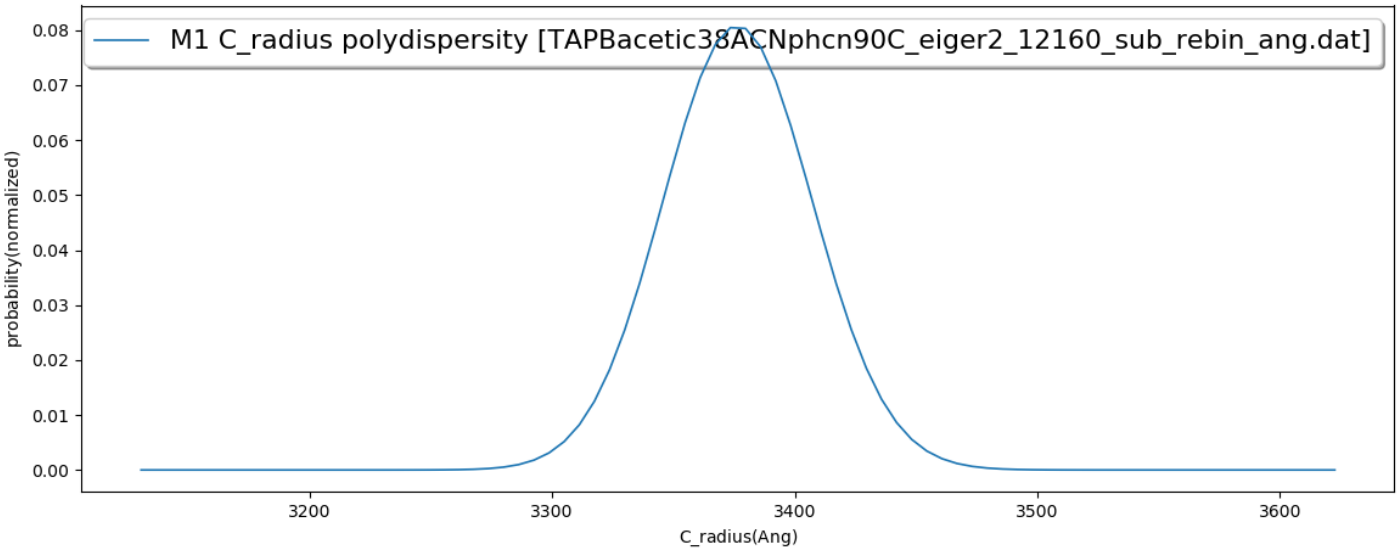
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat"

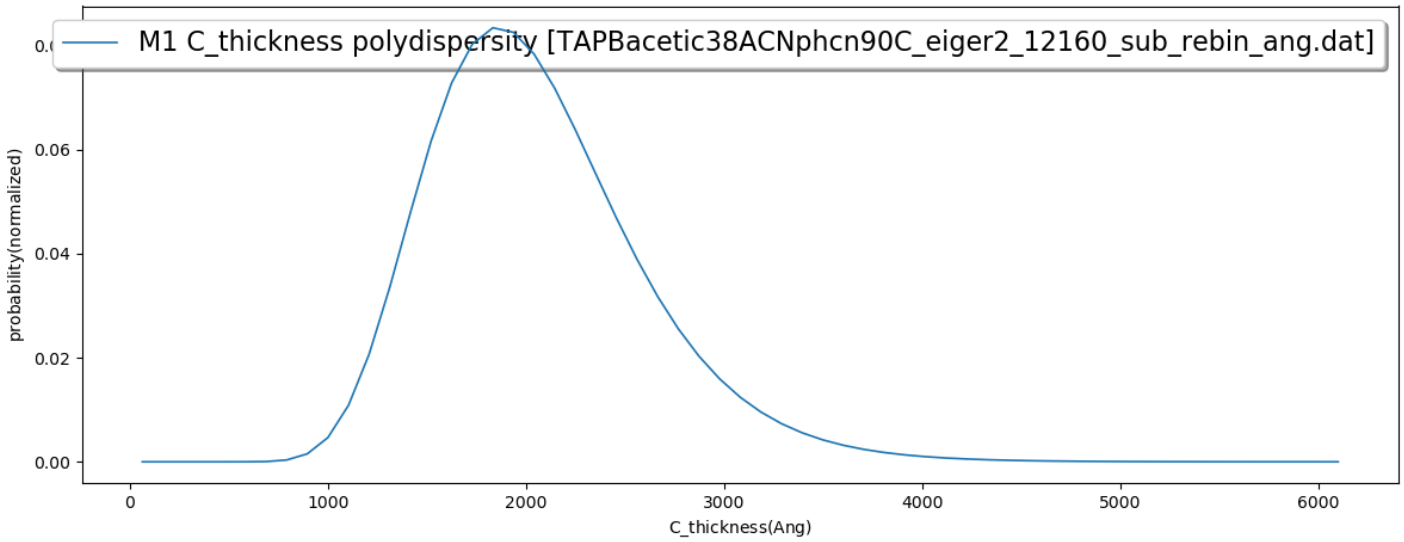

M1 [TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 B_fuzziness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat]
probability(normalized)
0.10
0.08
0.06
0.04
0.02
0.00
0
5000
10000
15000
20000
25000
30000
B_fuzziness(Ang)


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat]
probability(normalized)
0.08
0.06
0.04
0.02
0.00
0
500
1000
1500
2000
2500
3000
A_radius(Ang)


M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat]
probability(normalized)
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
3200
3300
3400
3500
3600
C_radius(Ang)


M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12160_sub_rebin_ang.dat]
probability(normalized)
0.06
0.04
0.02
0.00
0
1000
2000
3000
4000
5000
6000
C_thickness(Ang)