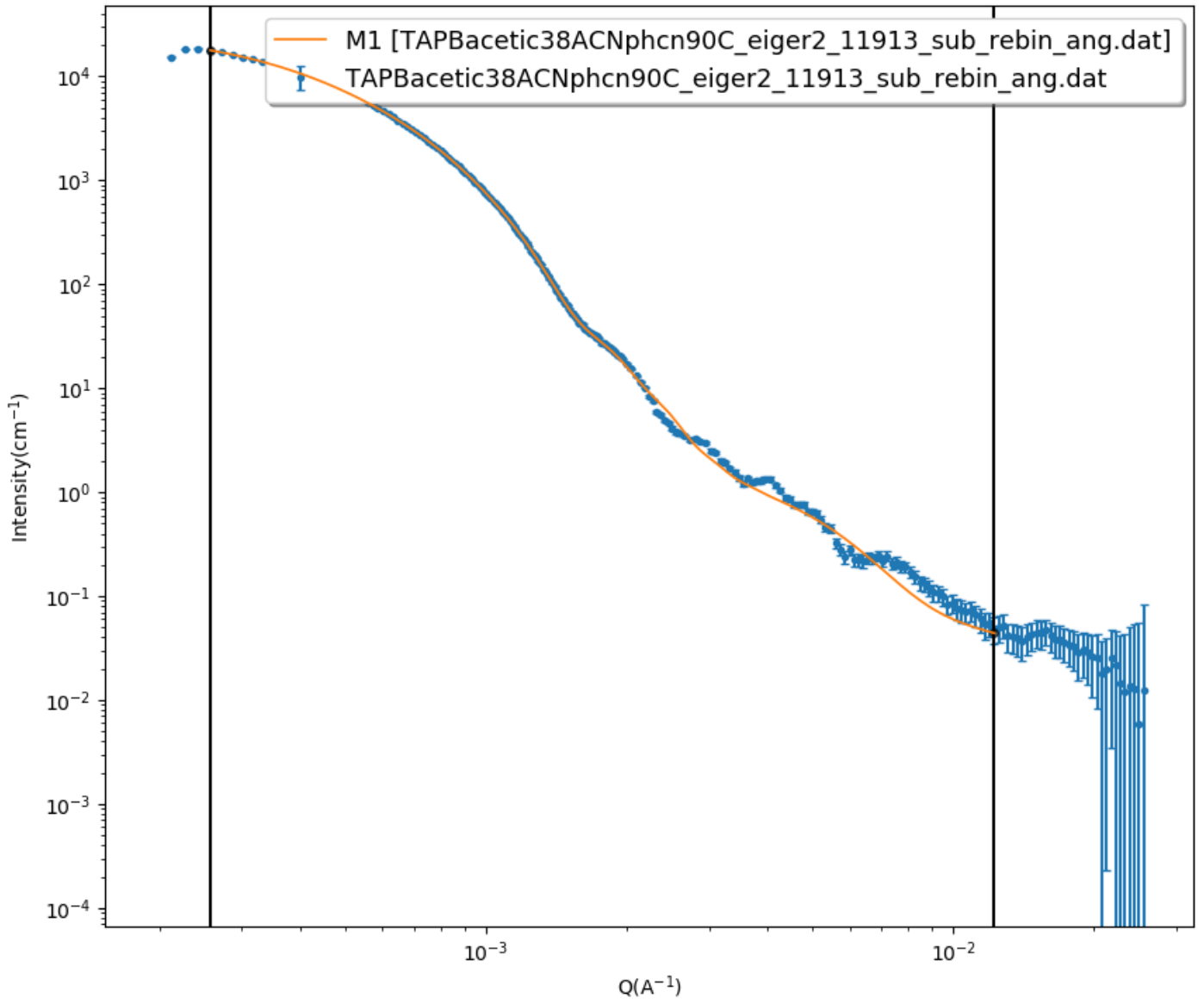
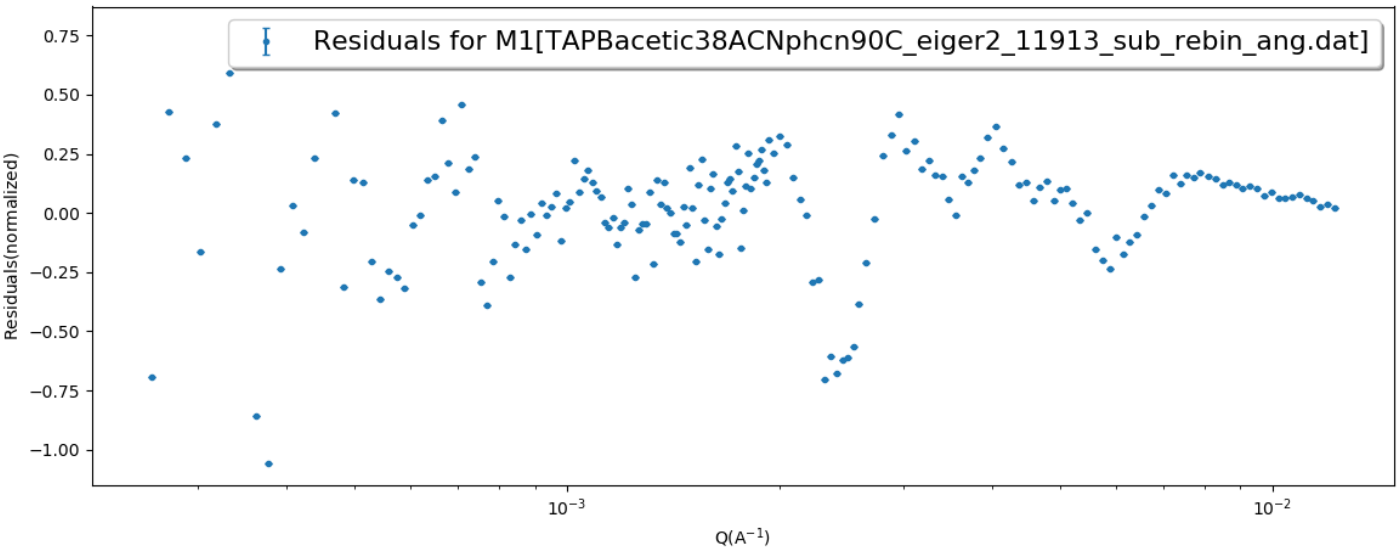
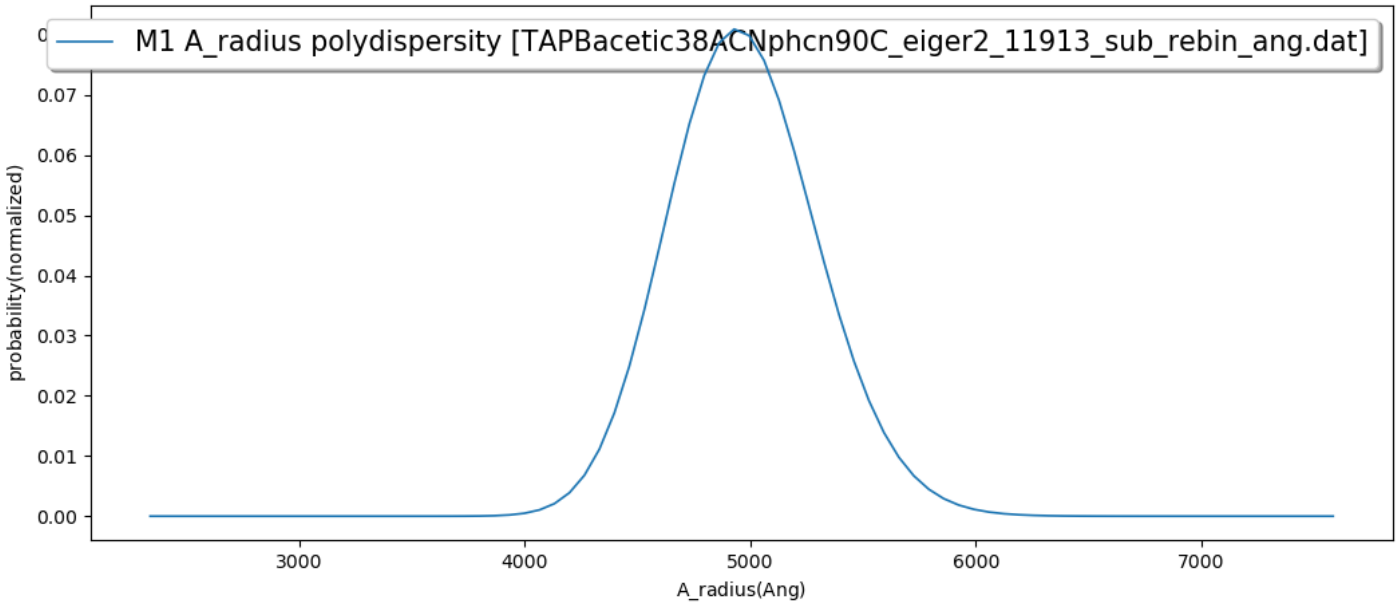
File name: TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.068861
scale = 0.00012906 ± 0.00029227
background = 0.03 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 0.017991 ± 0.18658
A_volfraction = 0.020424 ± 0.19273
A_radius = 4961.4 ± 1018.1 Å
A_fractal_dim = 6 ± 7903.9
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 46.006 ± 105.38 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 0.39156 ± 1.5143
B_sld = 12.717 ± 8.2853 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 3472.9 ± 2033.4 Å
B_fuzziness = 2893.7 ± 1072.5 Å
C_scale = 0.8639 ± 2.3825
C_radius = 1829.4 ± 110.45 Å
C_thickness = 975.61 ± 85.203 Å
C_sld_core = 11.974 ± 3.2136 $10^{-6}/Å^2$
C_sld_shell = 10.873 ± 2.0653 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.066109 ± 0.33796 Function: lognormal
Distribution of B_radius = 8.8854e-16 ± 4.9653e-14 Function: lognormal
Distribution of B_fuzziness = 1.9333e-06 ± 1e+08 Function: lognormal
Distribution of C_radius = 0.29328 ± 0.028355 Function: lognormal
Distribution of C_thickness = 0.23075 ± 0.10365 Function: lognormal

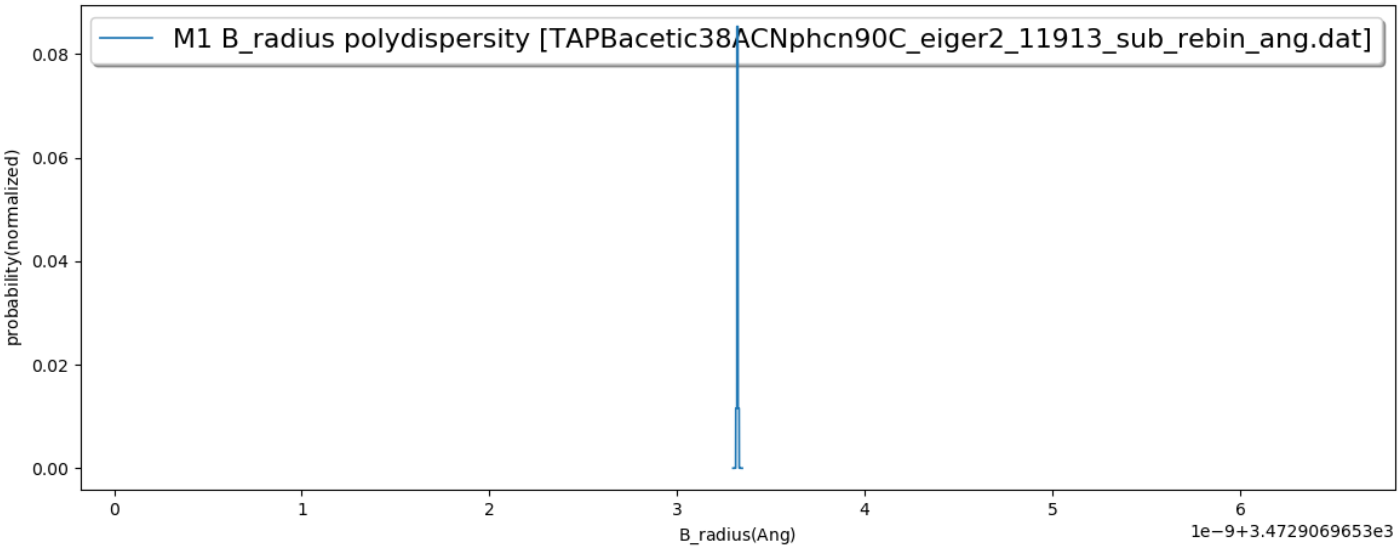
Graph

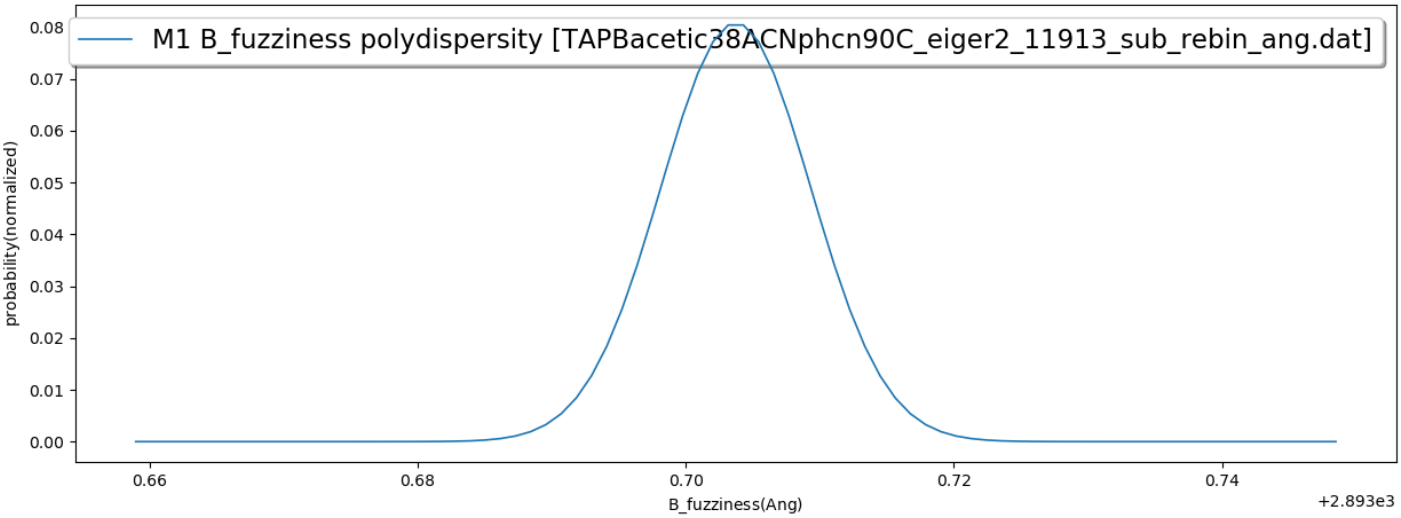
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat"

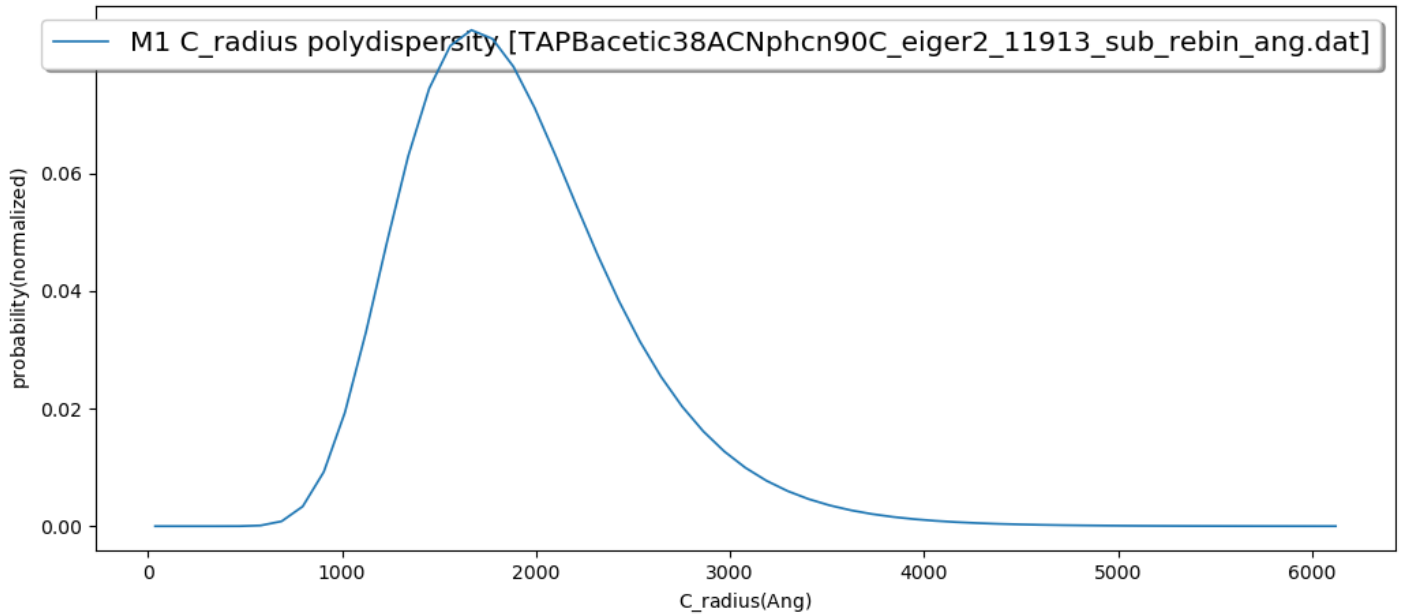

M1 [TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})

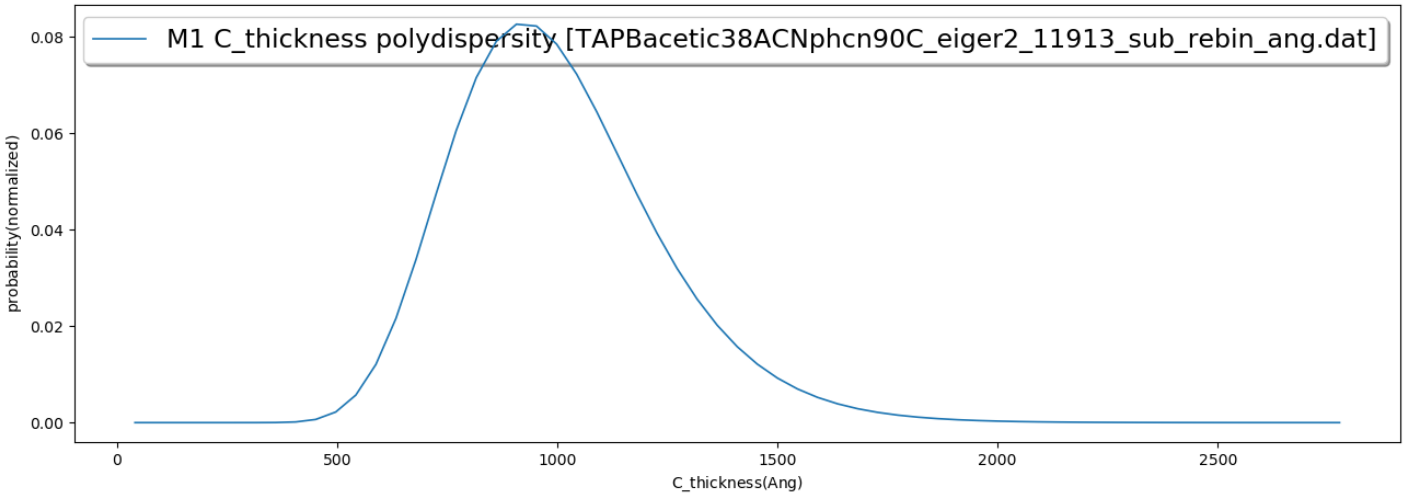

Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat]
probability(normalized)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
3000
4000
5000
6000
7000
A_radius(Ang)


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat]
probability(normalized)
0.08
0.06
0.04
0.02
0.00
0
1
2
3
4
5
6
B_radius(Ang)
1e−9+3.4729069653e3


M1 B_fuzziness polydispersity [TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat]
probability(normalized)
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.66
0.68
0.70
0.72
0.74
B_fuzziness(Ang)
+2.893e3


M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat]
probability(normalized)
0.00
0.02
0.04
0.06
0
1000
2000
3000
4000
5000
6000
C_radius(Ang)


M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_11913_sub_rebin_ang.dat]
probability(normalized)
0.00
0.02
0.04
0.06
0.08
0
500
1000
1500
2000
2500
C_thickness(Ang)