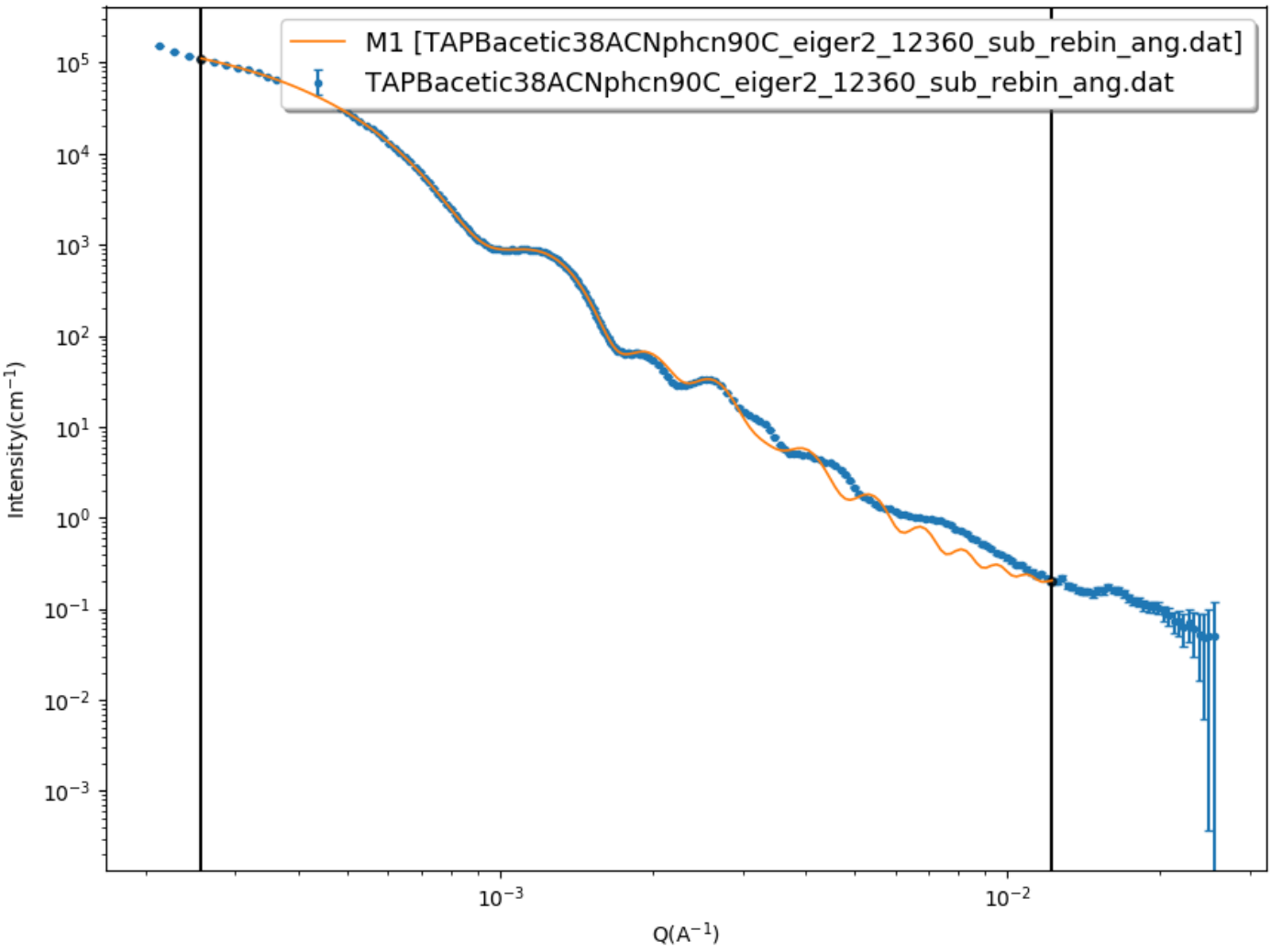
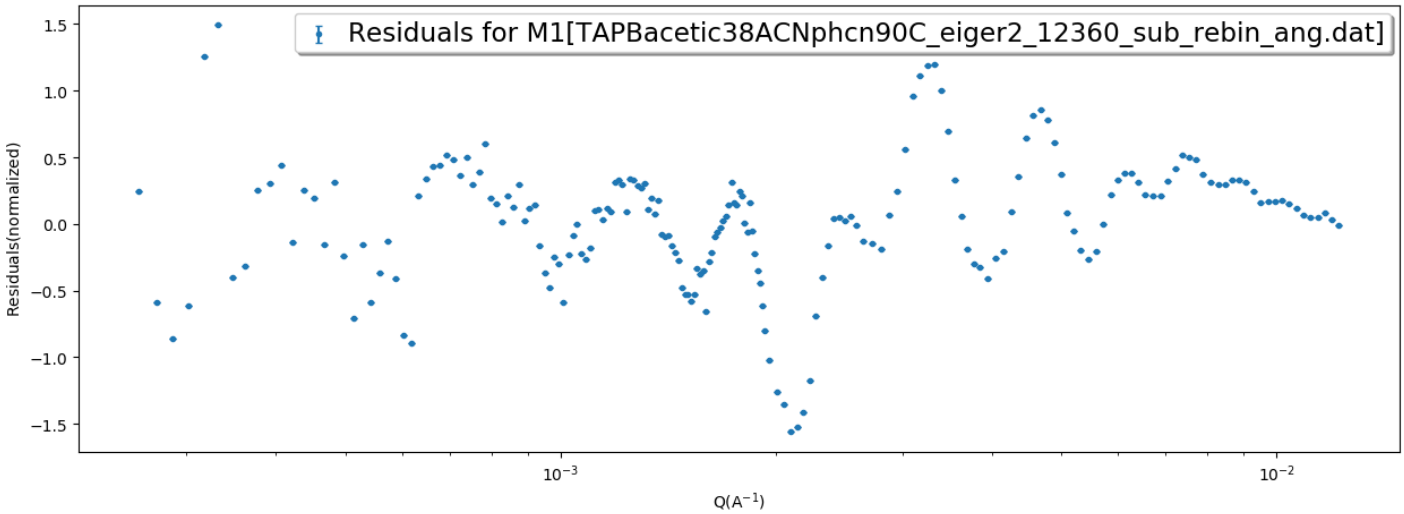
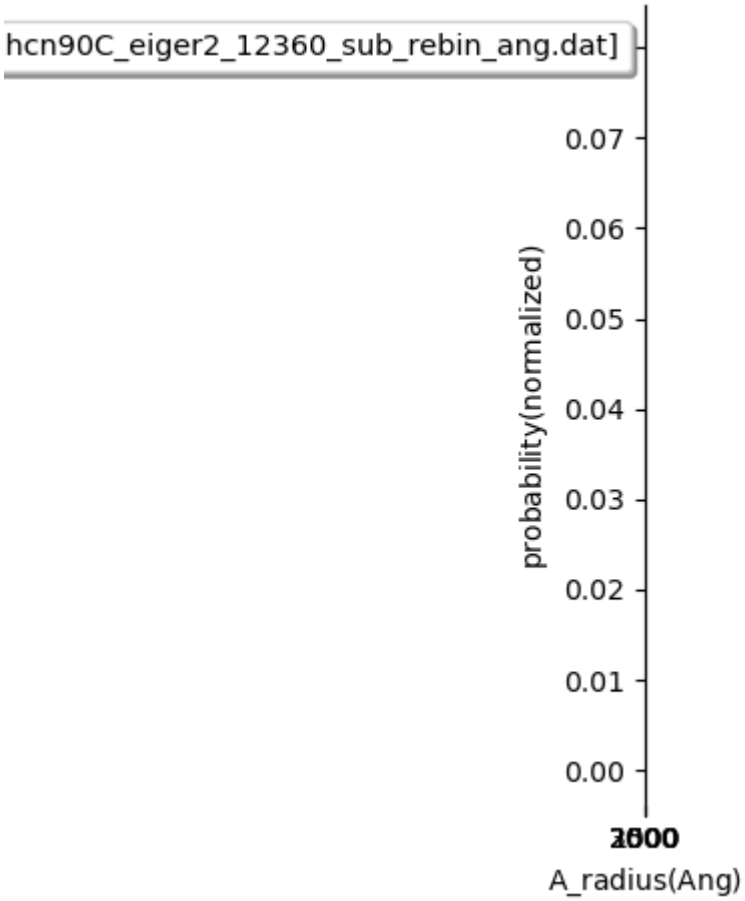
File name: TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.25504
scale = 0.00017144 ± 2635.5
background = 0.15 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.9513 ± 9.9961e+07
A_volfraction = 0.054212 ± 3.6451e+06
A_radius = 2281.5 ± 18.396 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 13.803 ± 9.9976e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 0.025011 ± 1.6327e+06
B_sld = 12.053 ± 9.9987e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 9600.2 ± 23132 Å
B_fuzziness = 6.5808e-09 ± 1e+08 Å
C_scale = 6.5047 ± 9.9996e+07
C_radius = 4587.7 ± 14.81 Å
C_thickness = 2449.5 ± 183.29 Å
C_sld_core = 12.037 ± 1183.1 $10^{-6}/Å^2$
C_sld_shell = 9.2545 ± 133.72 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.021546 ± 0.049449 Function: lognormal
Distribution of B_radius = 1 ± 4.6642 Function: lognormal
Distribution of B_fuzziness = 0 ± 1e+08 Function: lognormal
Distribution of C_radius = 0.070406 ± 0.0052135 Function: lognormal
Distribution of C_thickness = 0.59605 ± 0.073362 Function: lognormal

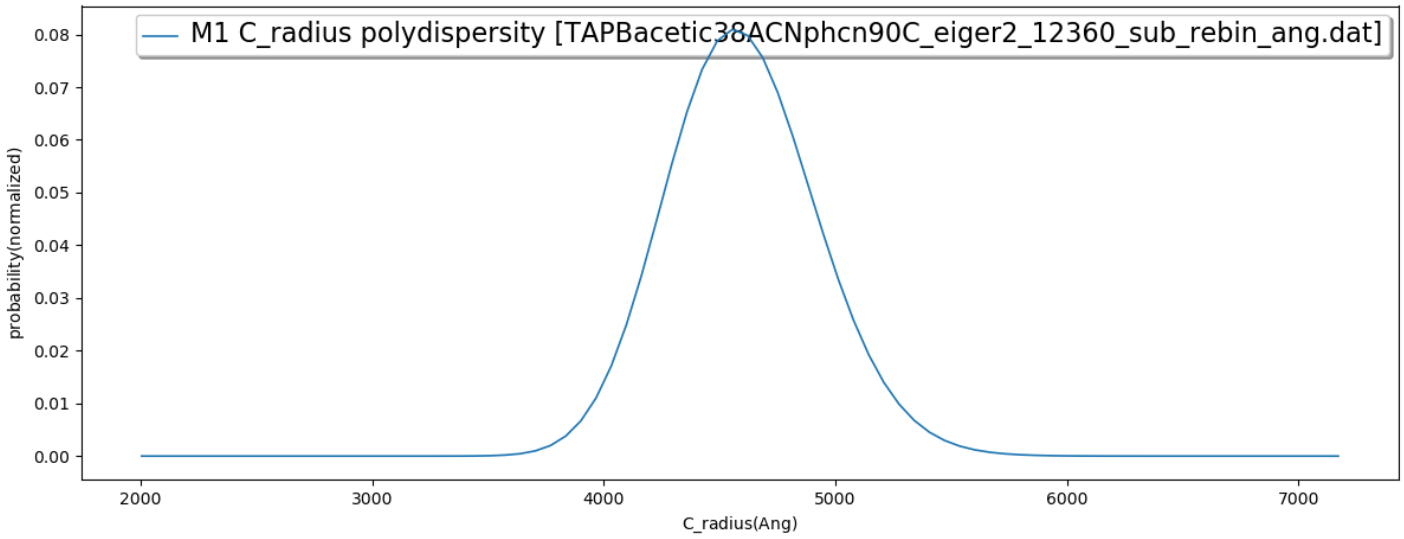
Graph

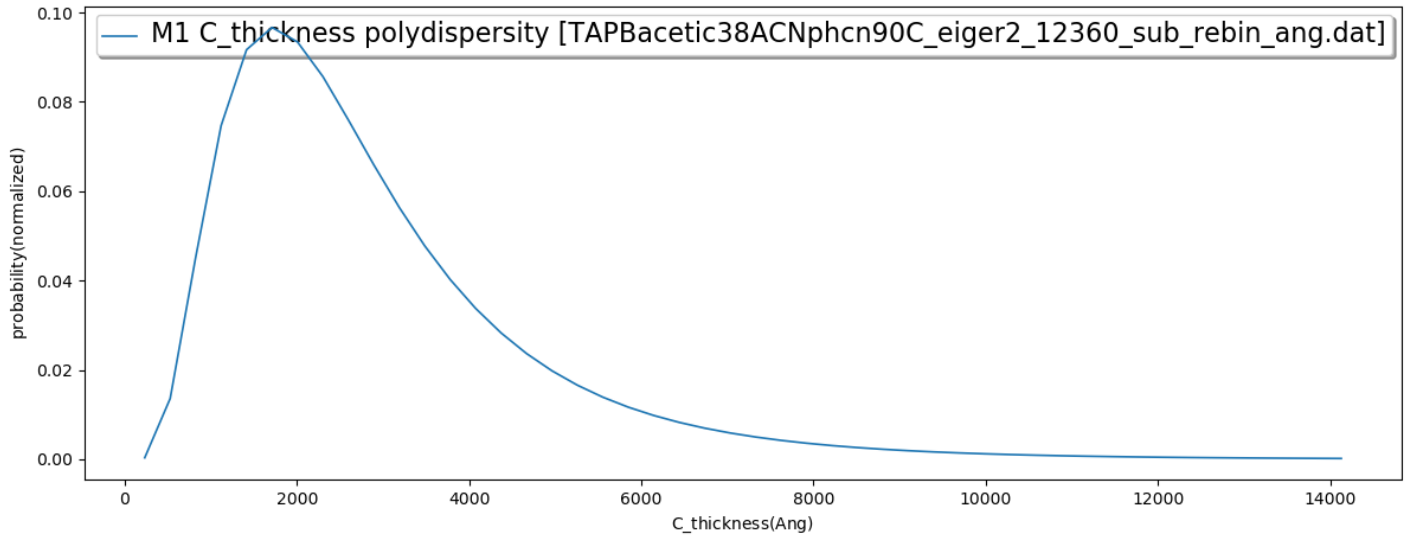
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat"

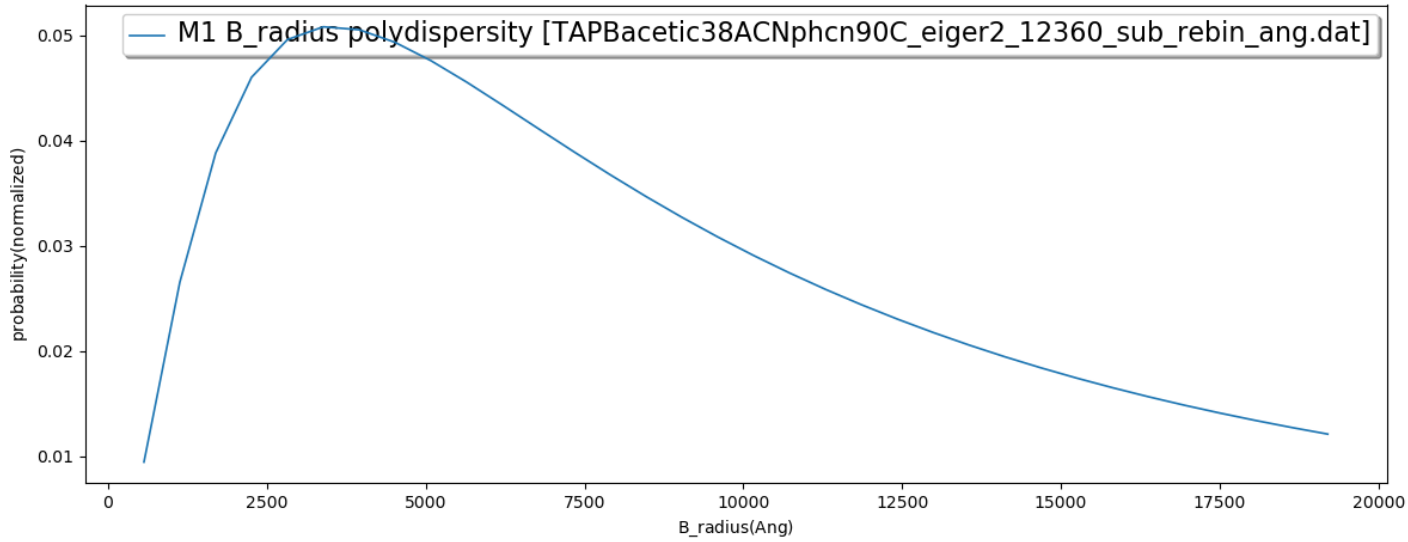

M1 [TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


hcn90C_eiger2_12360_sub_rebin_ang.dat]
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability(normalized)
A_radius(Ang)


M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat]
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability(normalized)
2000
3000
4000
5000
6000
7000
C_radius(Ang)


M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat]
probability(normalized)
0.10
0.08
0.06
0.04
0.02
0.00
0
2000
4000
6000
8000
10000
12000
14000
C_thickness(Ang)


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12360_sub_rebin_ang.dat]
probability(normalized)
0.05
0.04
0.03
0.02
0.01
0
2500
5000
7500
10000
12500
15000
17500
20000
B_radius(Ang)