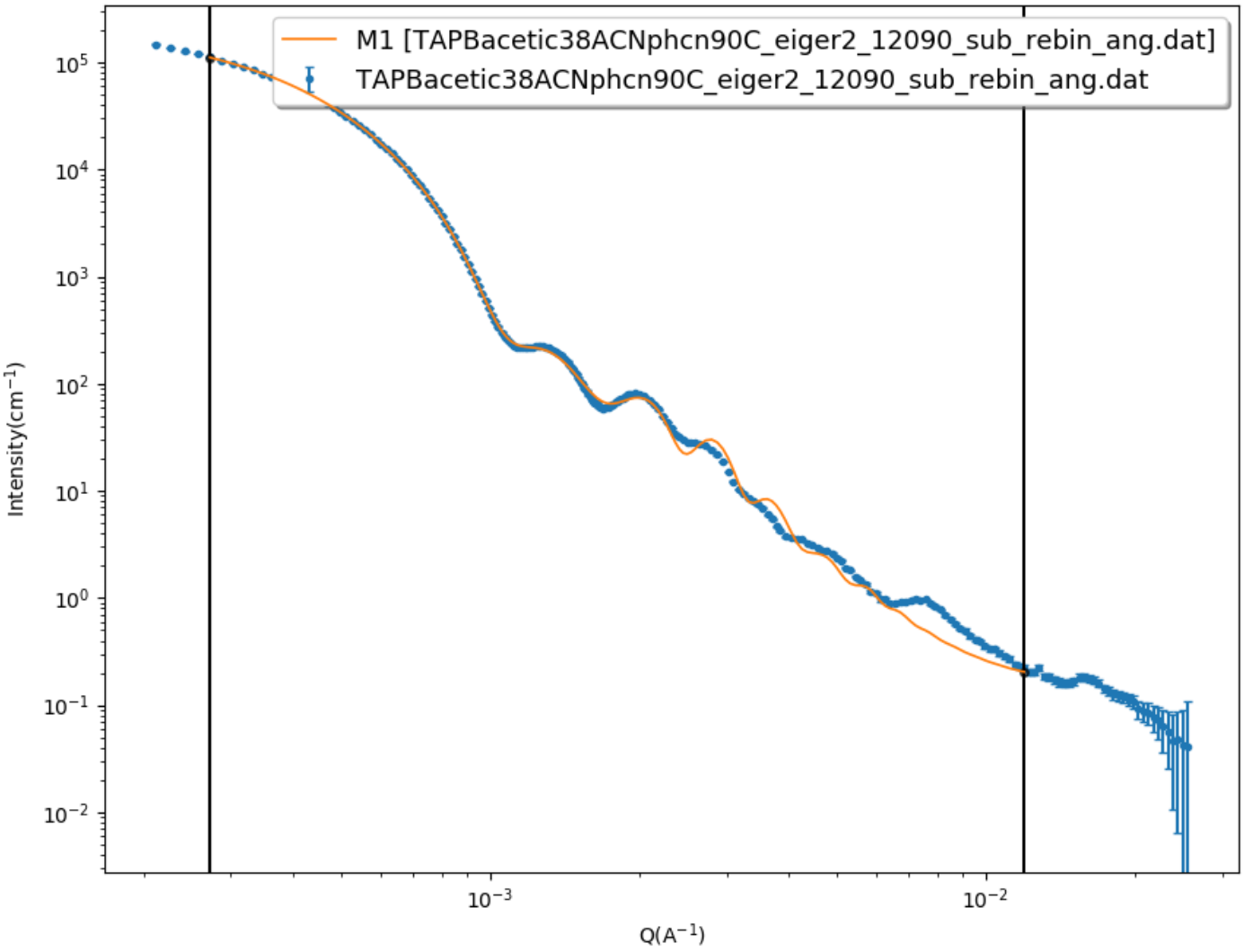
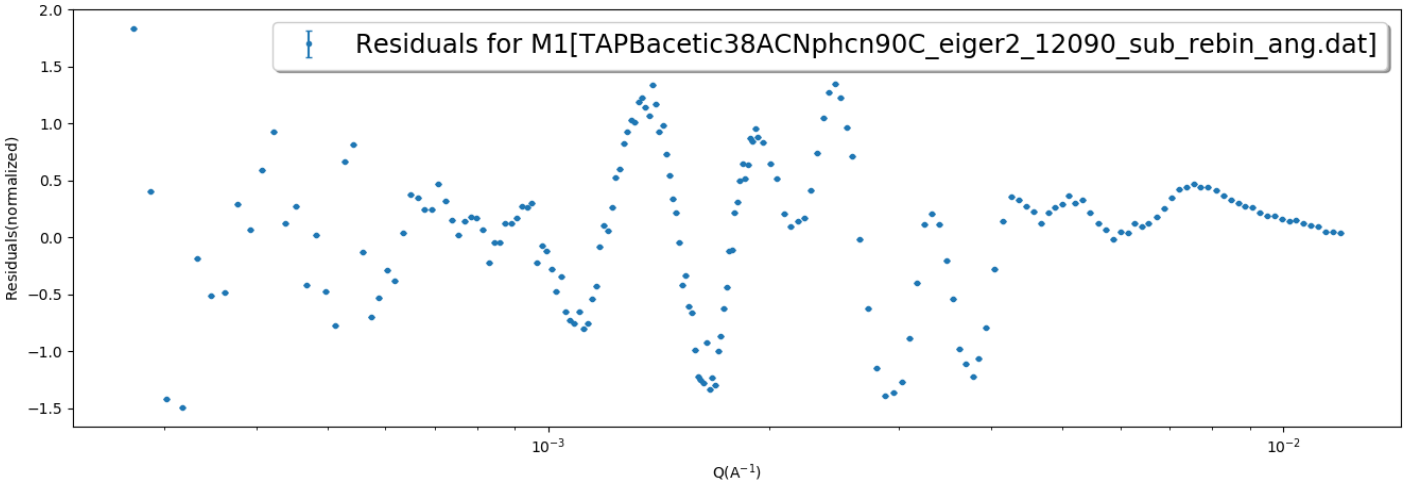
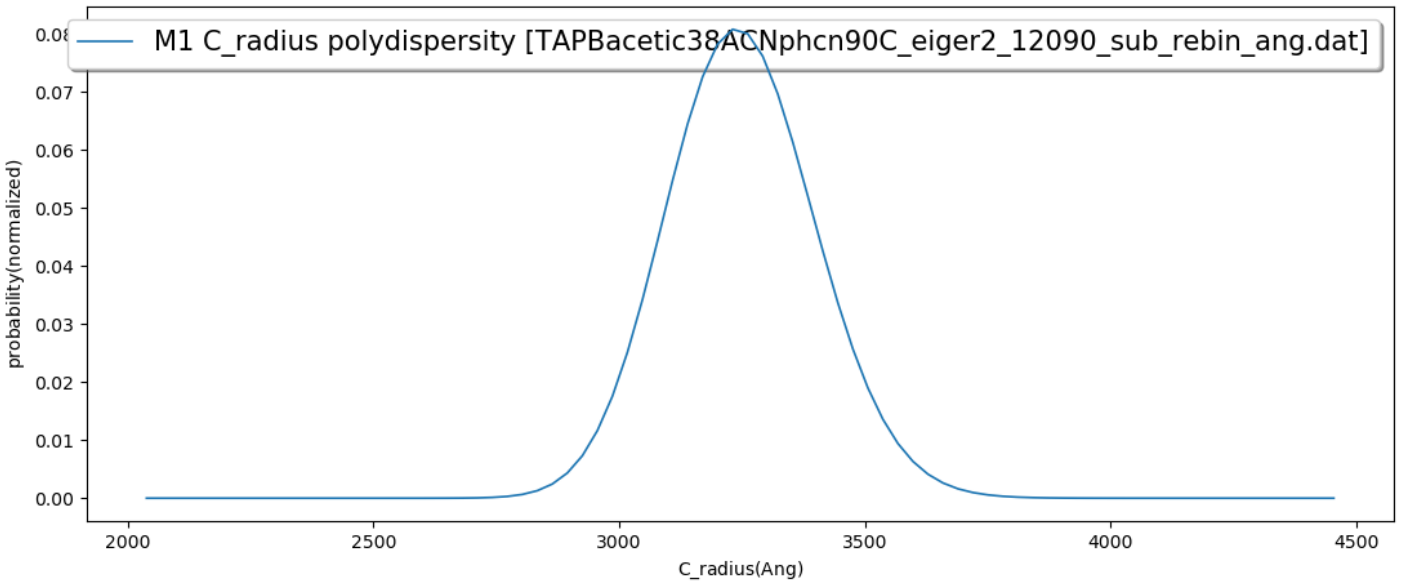
File name: TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.46938
scale = 0.00011671 ± 3188.7
background = 0.15 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.5857 ± 9.9961e+07
A_volfraction = 0.044049 ± 3.3879e+06
A_radius = 305.23 ± 179.57 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 14.677 ± 9.9988e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 0.24278 ± 1.1291e+07
B_sld = 14.169 ± 9.958e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 7043.6 ± 123.76 Å
B_fuzziness = 2703.1 ± 3280.3 Å
C_scale = 3.652 ± 9.9774e+07
C_radius = 3246.4 ± 37.046 Å
C_thickness = 2067.2 ± 70.247 Å
C_sld_core = 13.125 ± 122.75 $10^{-6}/Å^2$
C_sld_shell = 10.31 ± 41.002 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.98471 ± 0.4552 Function: lognormal
Distribution of B_radius = 0 ± 0.2425 Function: lognormal
Distribution of B_fuzziness = 1 ± 1.4789 Function: lognormal
Distribution of C_radius = 0.046503 ± 0.013902 Function: lognormal
Distribution of C_thickness = 0.21991 ± 0.029847 Function: lognormal

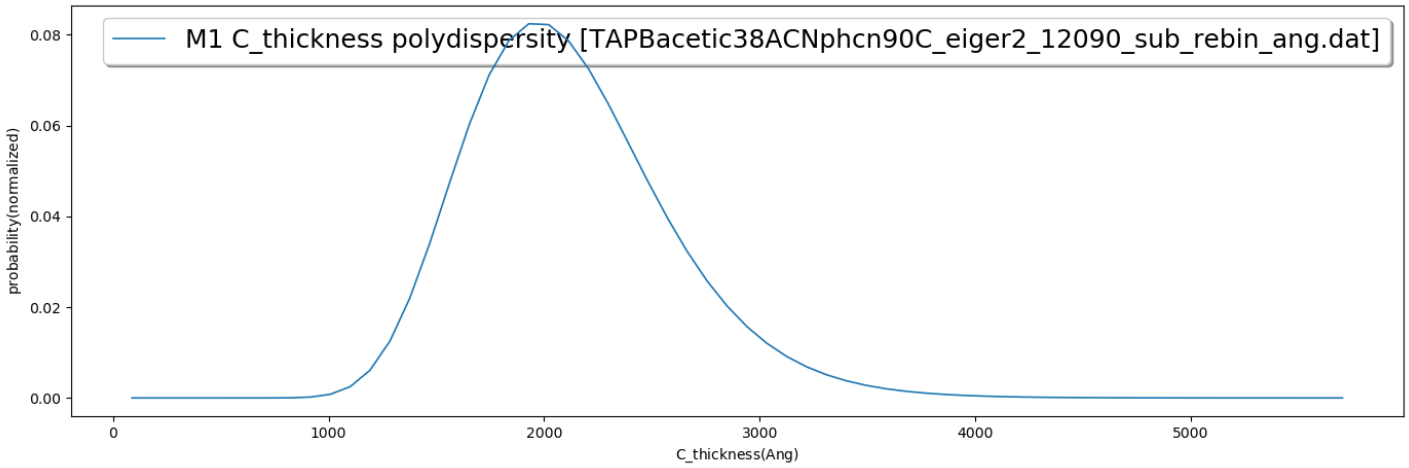
Graph

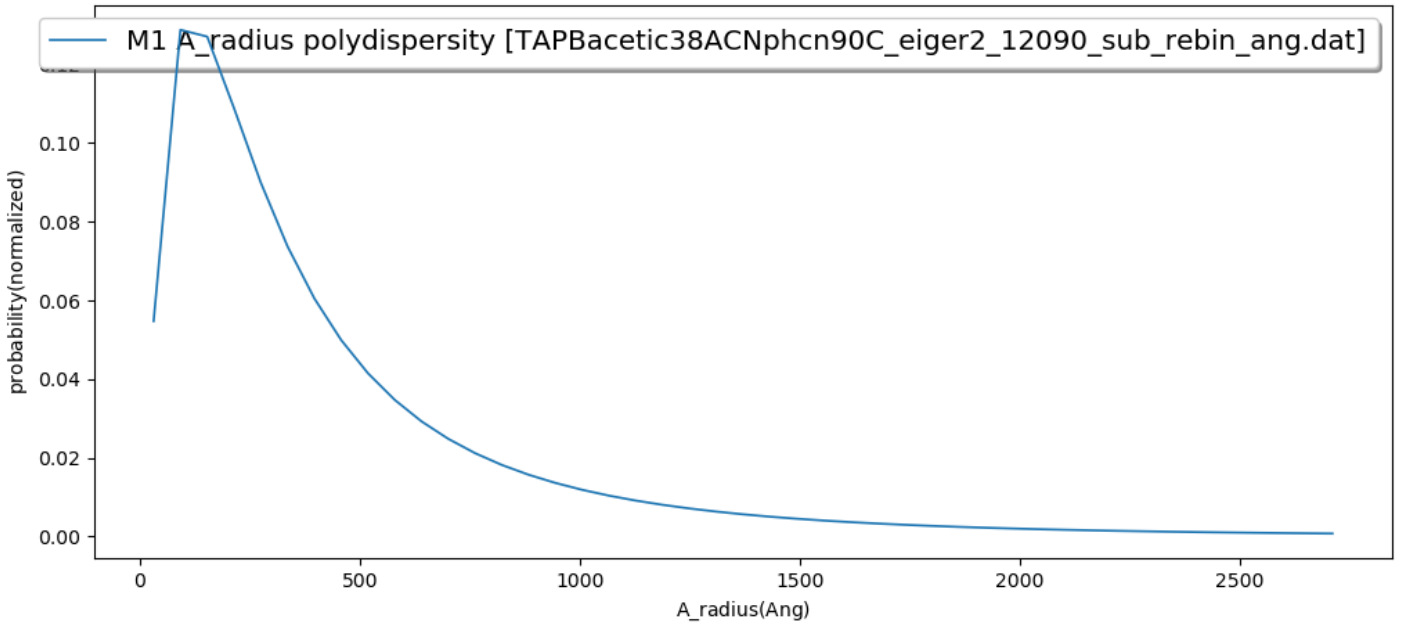
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat"

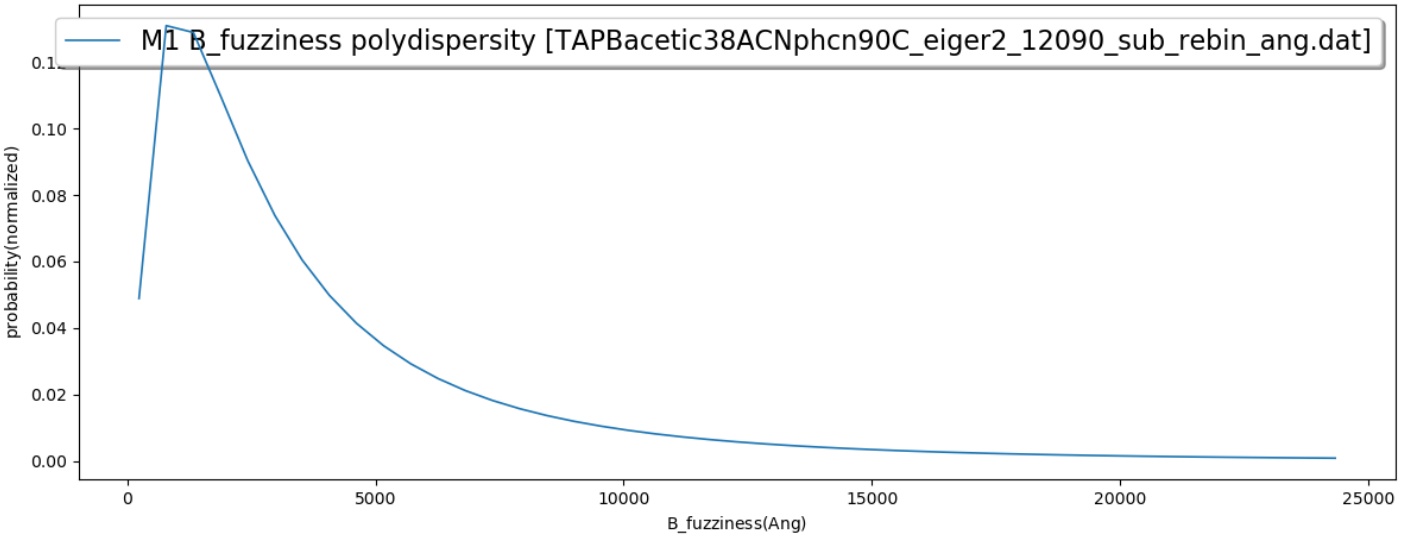

M1 [TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat]
probability(normalized)
C_radius(Ang)


M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat]
probability(normalized)
C_thickness(Ang)


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat]
probability(normalized)
A_radius(Ang)


M1 B_fuzziness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12090_sub_rebin_ang.dat]
probability(normalized)
0.10
0.08
0.06
0.04
0.02
0.00
0
5000
10000
15000
20000
25000
B_fuzziness(Ang)