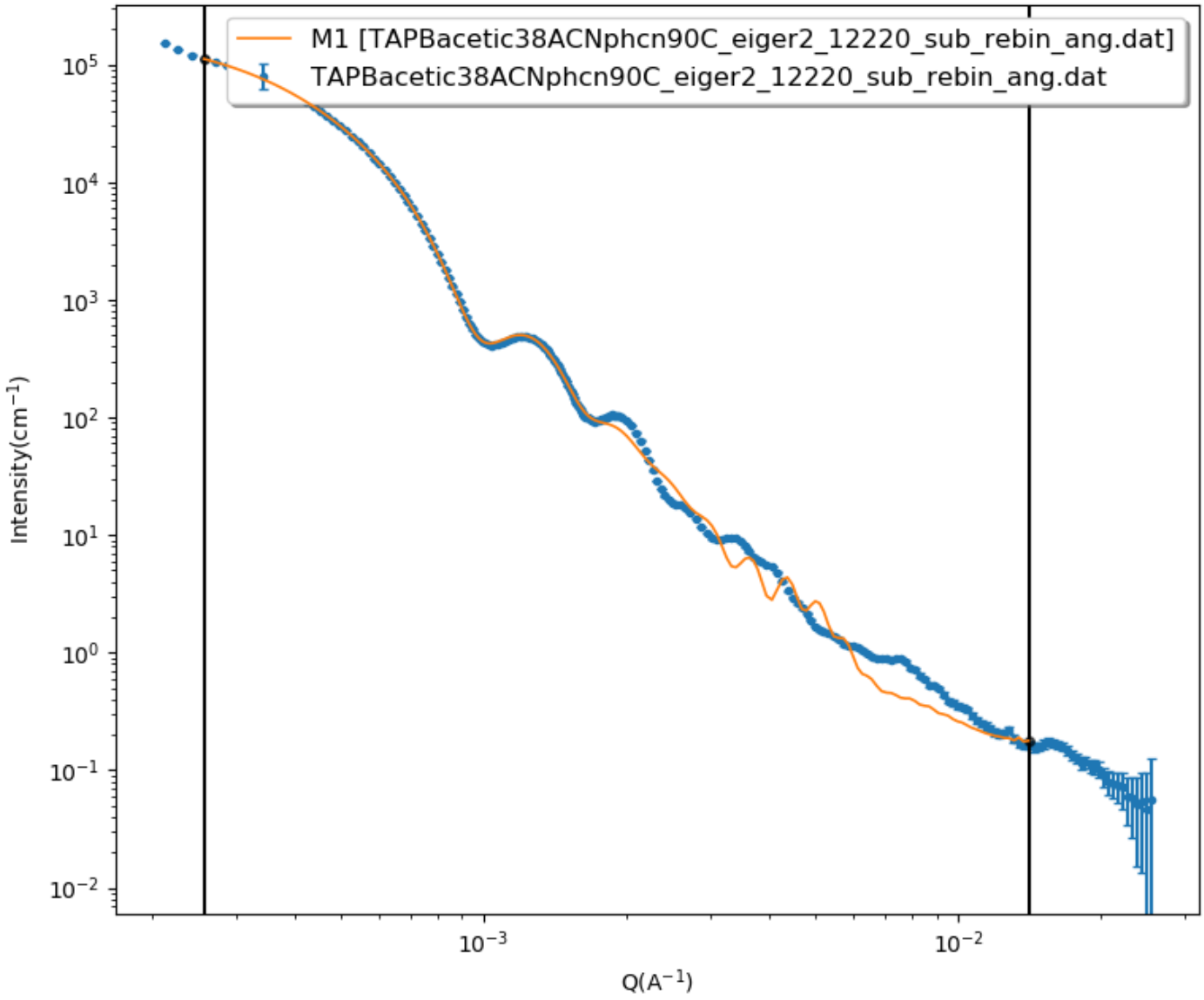
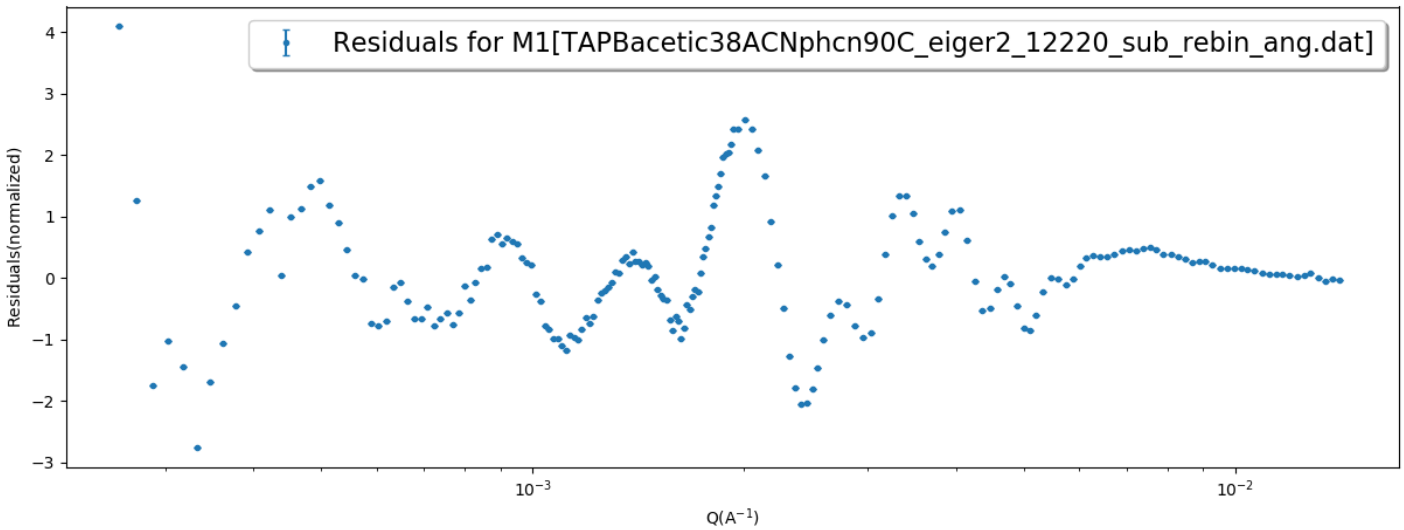
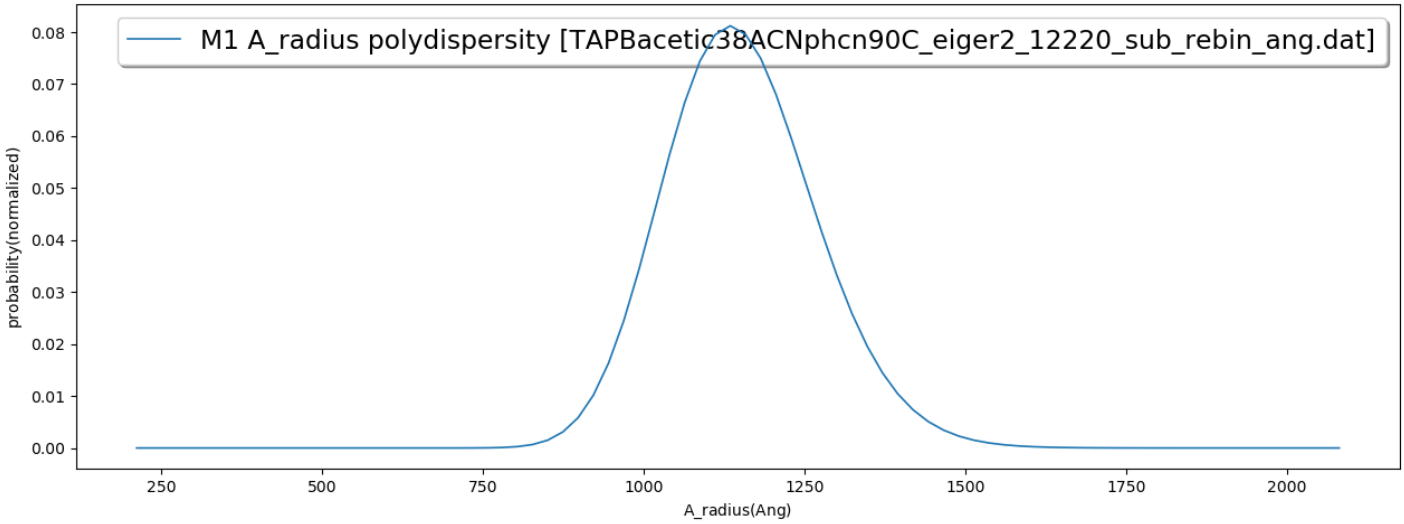
File name: TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.94883
scale = 0.00011955 ± 3303.7
background = 0.15 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.3953 ± 9.9961e+07
A_volfraction = 0.038763 ± 3.2946e+06
A_radius = 1146.6 ± 70.664 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 14.381 ± 9.999e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 0.25387 ± 1.1385e+07
B_sld = 14.513 ± 9.9595e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 5483.9 ± 403.37 Å
B_fuzziness = 2.3283e-07 ± 1e+08 Å
C_scale = 3.6096 ± 9.975e+07
C_radius = 3647.3 ± 84.25 Å
C_thickness = 1312.4 ± 52.604 Å
C_sld_core = 11.327 ± 116.39 $10^{-6}/Å^2$
C_sld_shell = 10.289 ± 66.664 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.10195 ± 0.068159 Function: lognormal
Distribution of B_radius = 0.21285 ± 0.027798 Function: lognormal
Distribution of B_fuzziness = 0 ± 0.00026148 Function: lognormal
Distribution of C_radius = 0.026774 ± 0.03519 Function: lognormal
Distribution of C_thickness = 0.11304 ± 0.10159 Function: lognormal

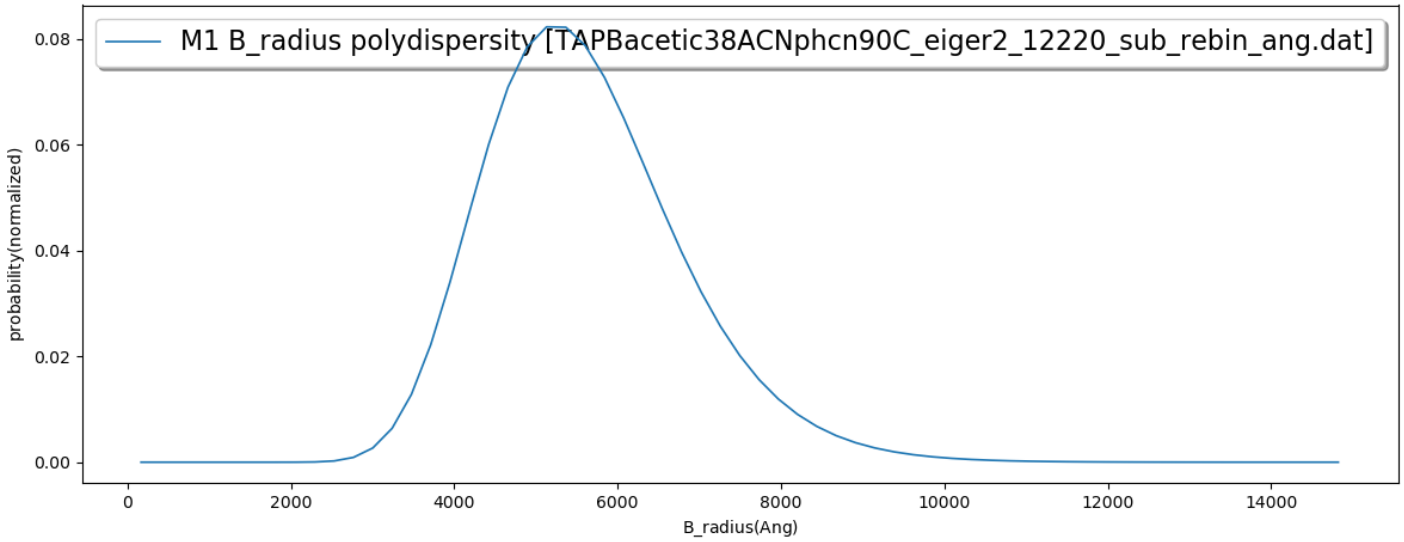
Graph

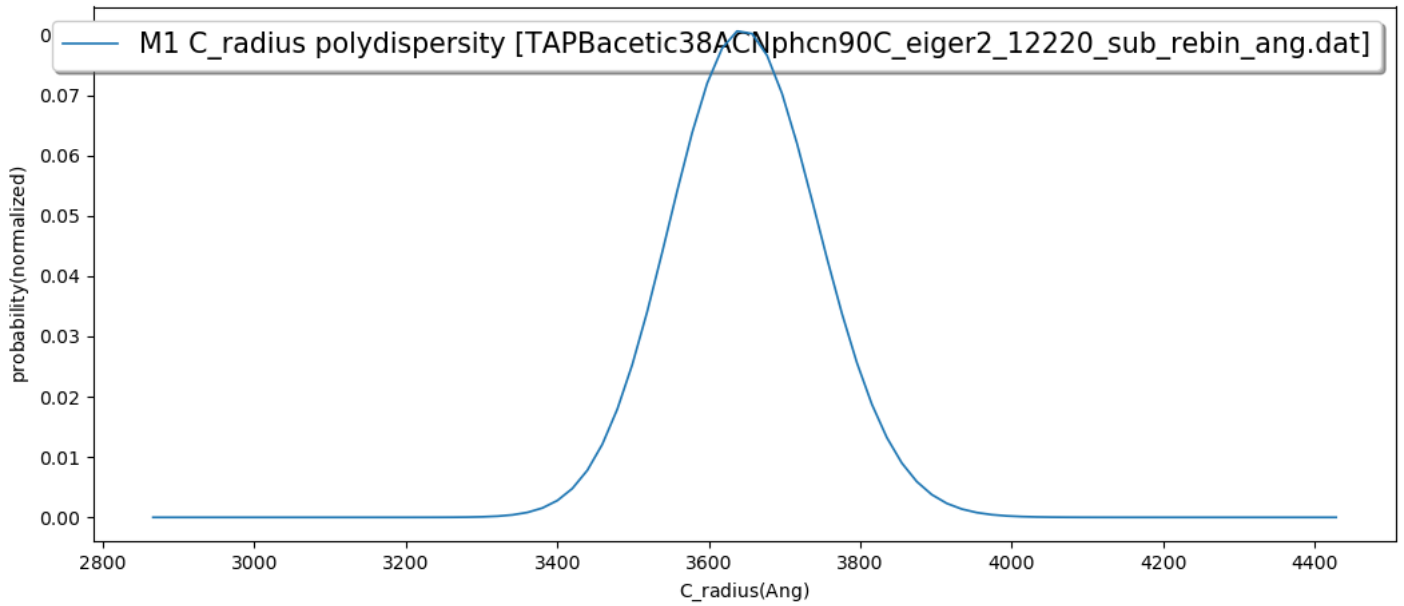
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat"

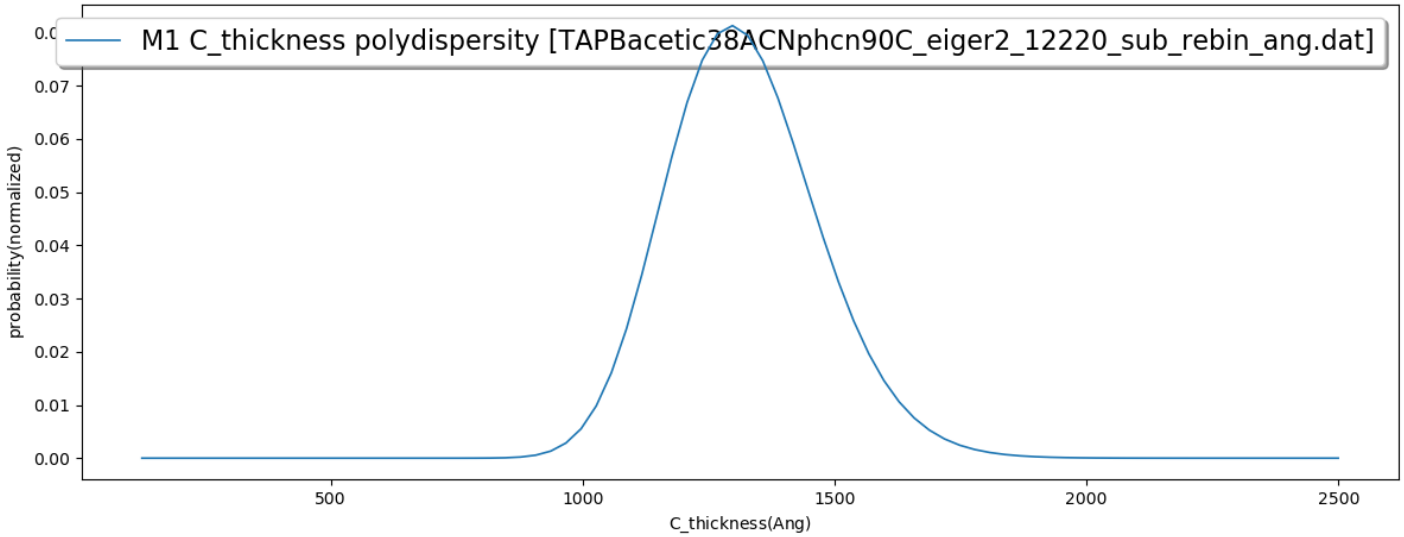

M1 [TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat]
probability(normalized)
A_radius(Ang)


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat]
probability(normalized)
B_radius(Ang)


M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat]
probability(normalized)
C_radius(Ang)


M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12220_sub_rebin_ang.dat]
probability(normalized)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
500
1000
1500
2000
2500
C_thickness(Ang)