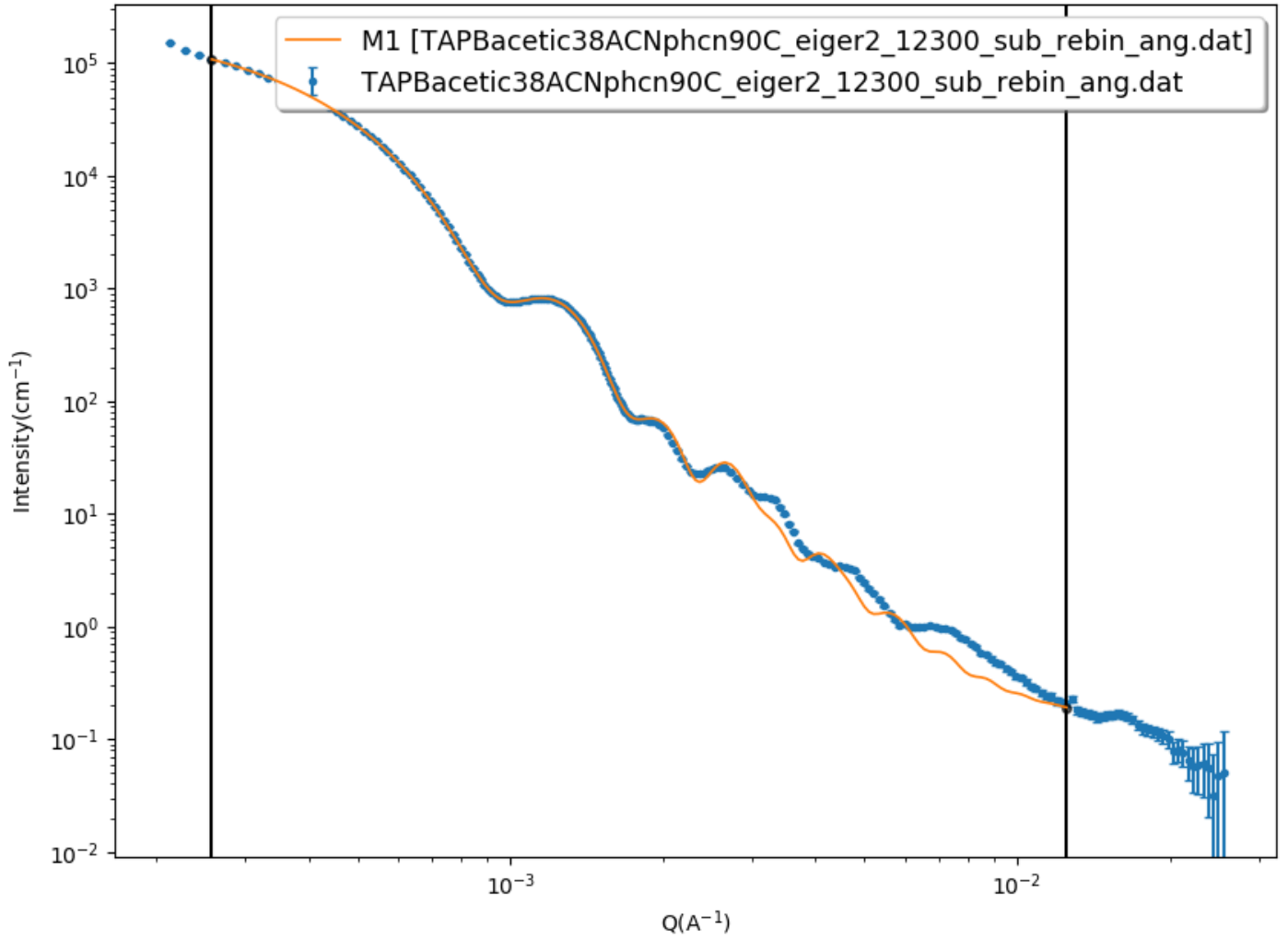
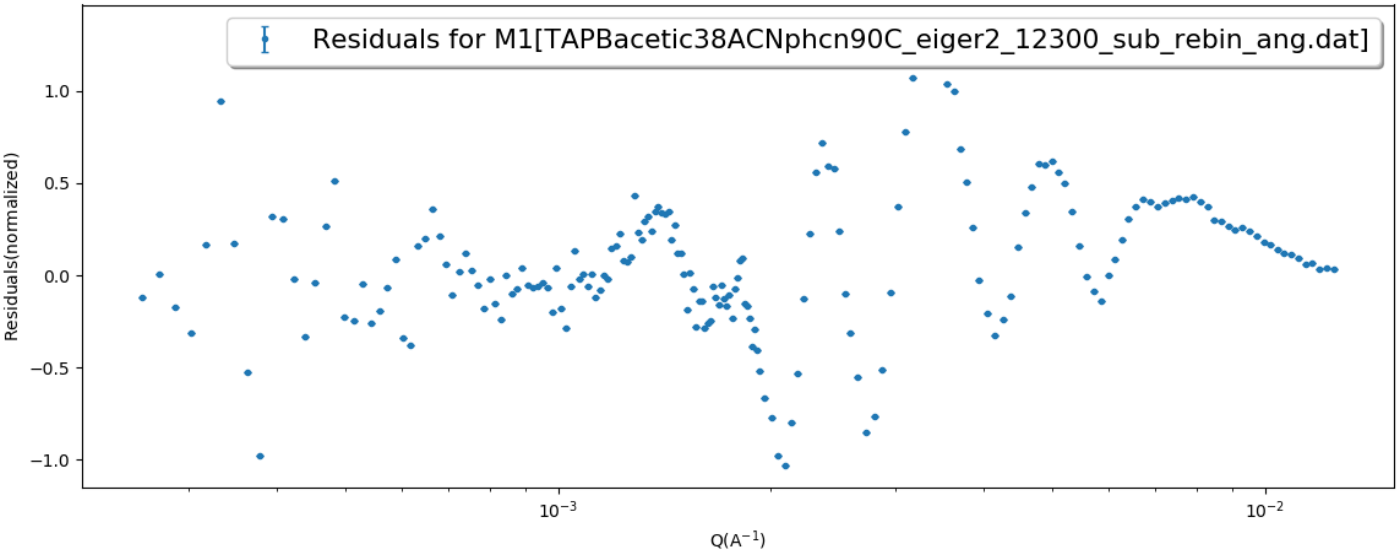
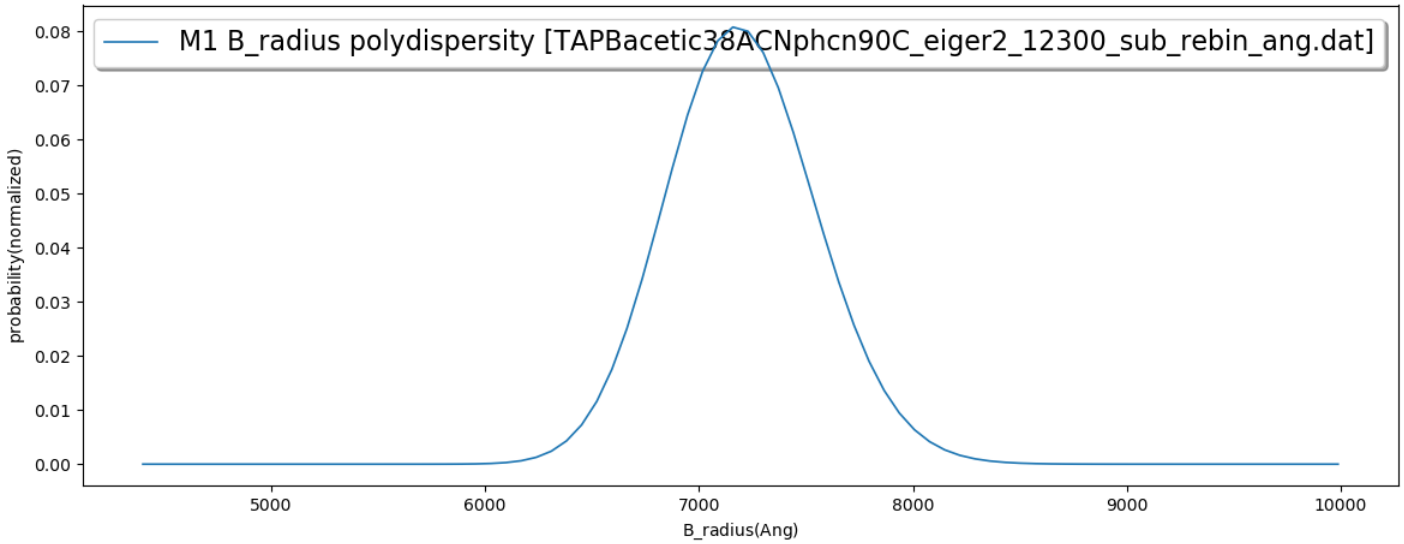
File name: TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.1749
scale = 0.00016437 ± 2651.8
background = 0.15 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.3774 ± 9.9961e+07
A_volfraction = 0.038267 ± 3.0627e+06
A_radius = 2132.1 ± 25.497 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 2.1612 ± 9.9994e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 0.030849 ± 1.7251e+06
B_sld = 12.635 ± 9.9986e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 7194.4 ± 394.03 Å
B_fuzziness = 0 ± 1e+08 Å
C_scale = 6.1982 ± 9.9997e+07
C_radius = 4560.5 ± 15.979 Å
C_thickness = 2020.7 ± 227.26 Å
C_sld_core = 11.899 ± 853.03 $10^{-6}/Å^2$
C_sld_shell = 9.2958 ± 112.62 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.045787 ± 0.032162 Function: lognormal
Distribution of B_radius = 0.048523 ± 0.071764 Function: lognormal
Distribution of B_fuzziness = 0 ± 1e+08 Function: lognormal
Distribution of C_radius = 0.058521 ± 0.005554 Function: lognormal
Distribution of C_thickness = 0.67737 ± 0.093836 Function: lognormal

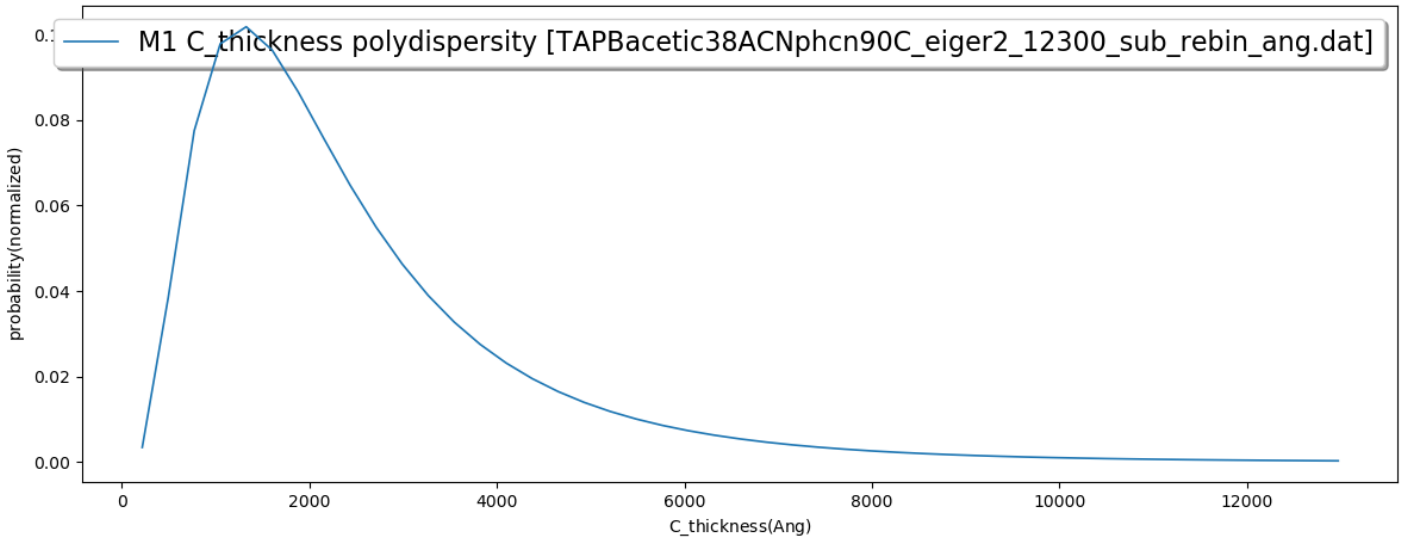
Graph

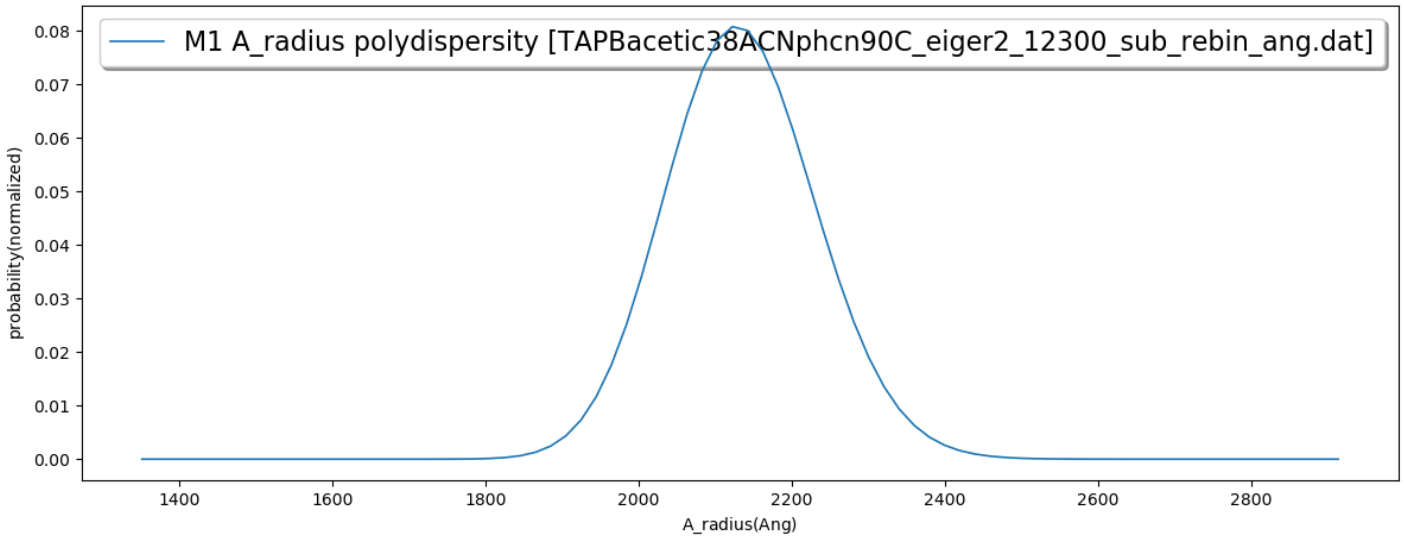
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat"

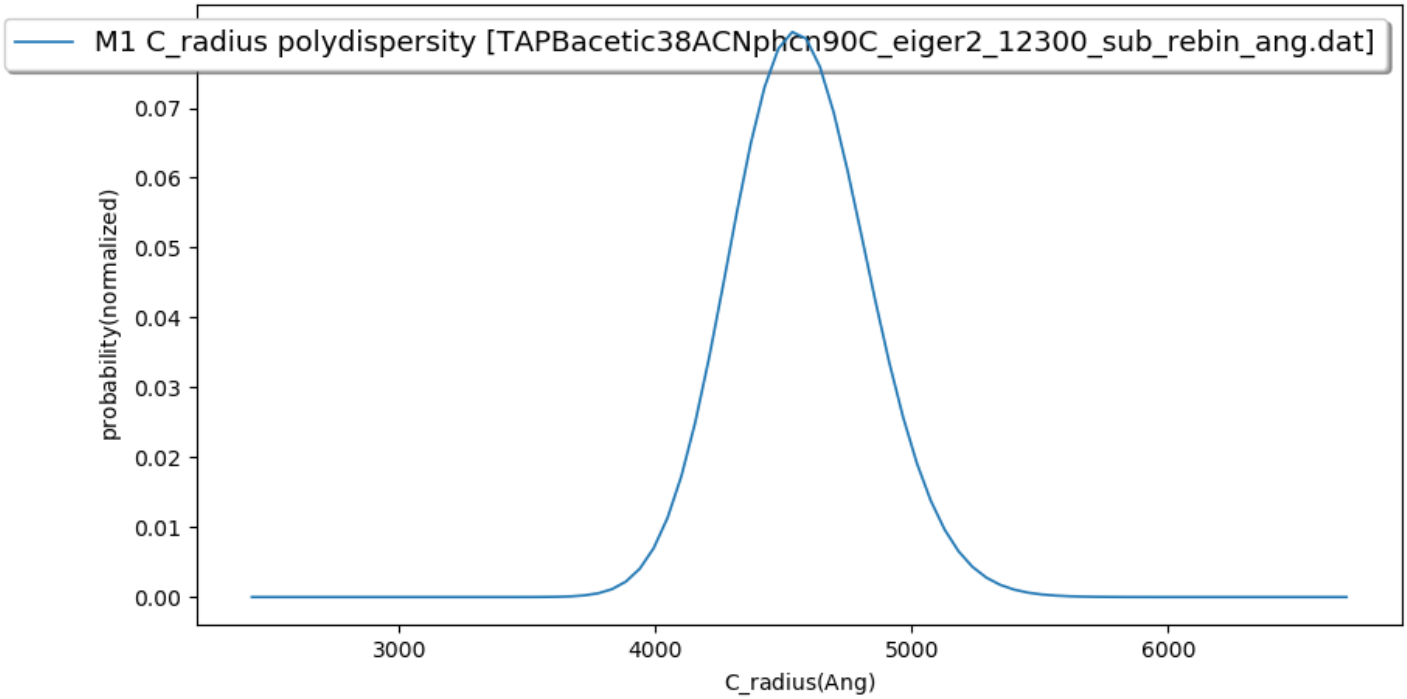

M1 [TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat]
probability(normalized)
B_radius(Ang)


M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat]
probability(normalized)
C_thickness(Ang)


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat]
probability(normalized)
A_radius(Ang)


M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12300_sub_rebin_ang.dat]
probability(normalized)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
3000
4000
5000
6000
C_radius(Ang)