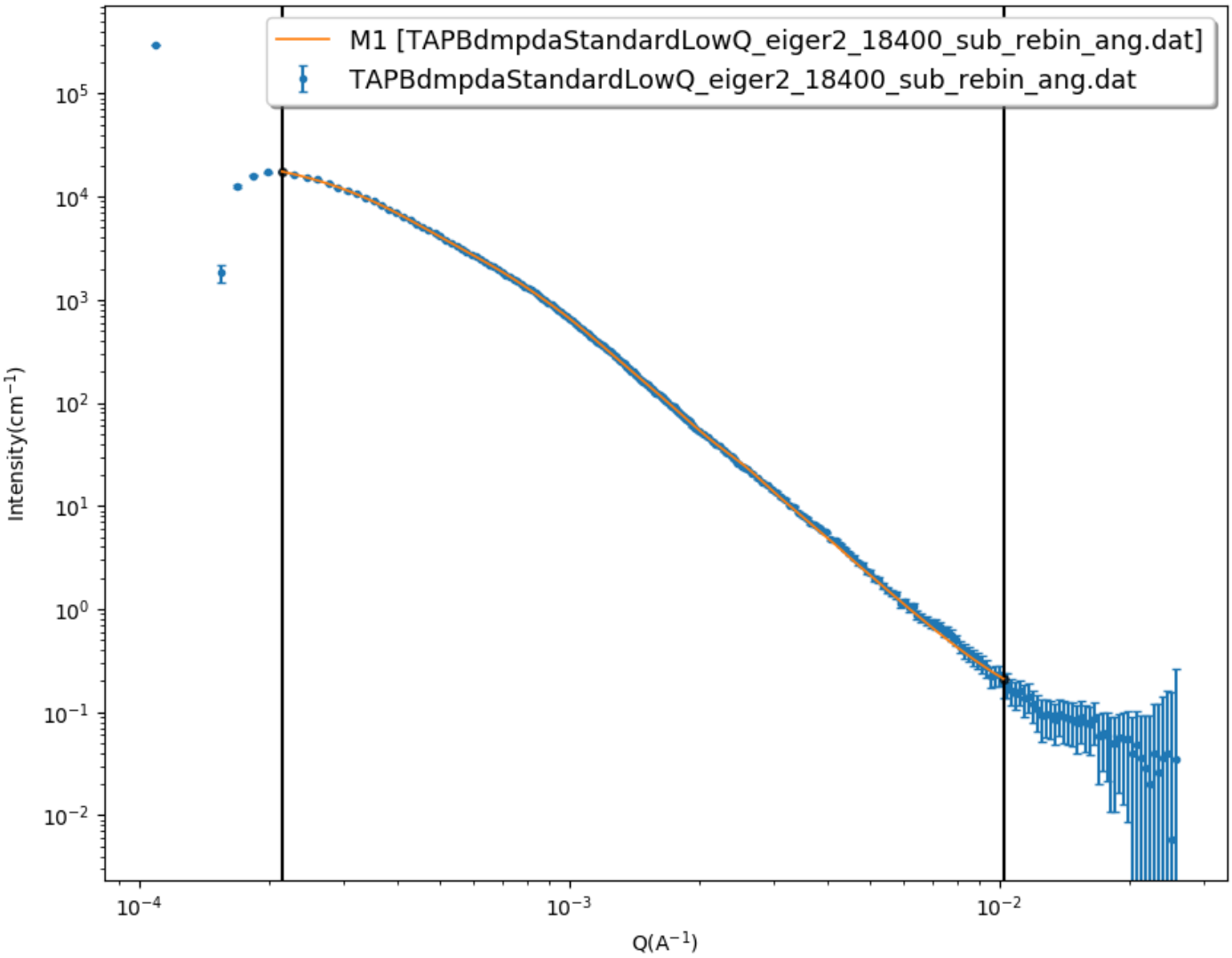
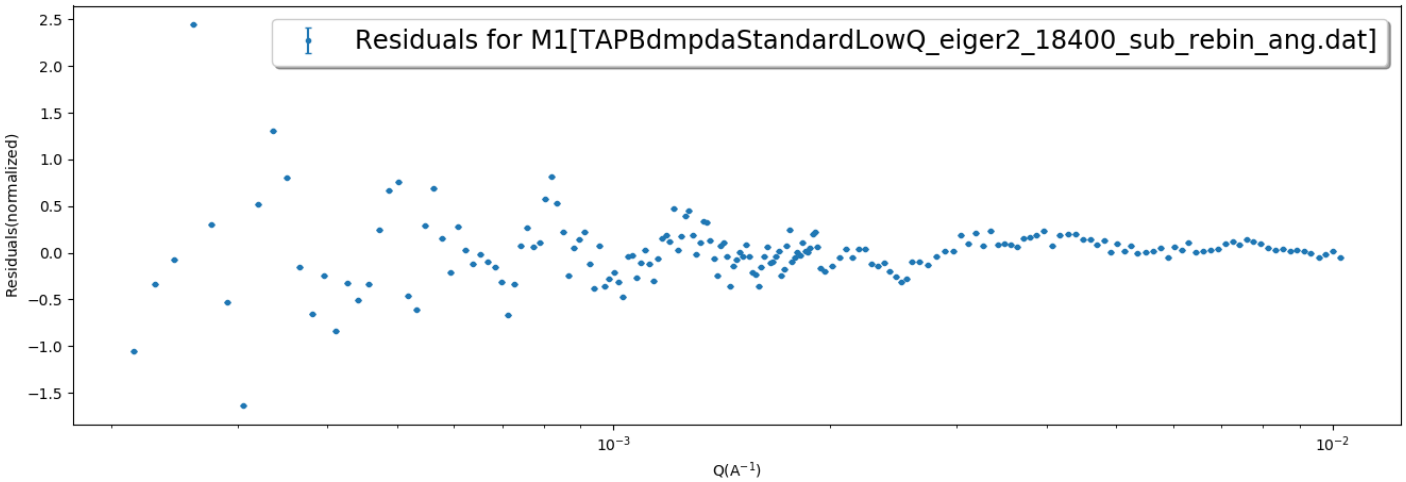
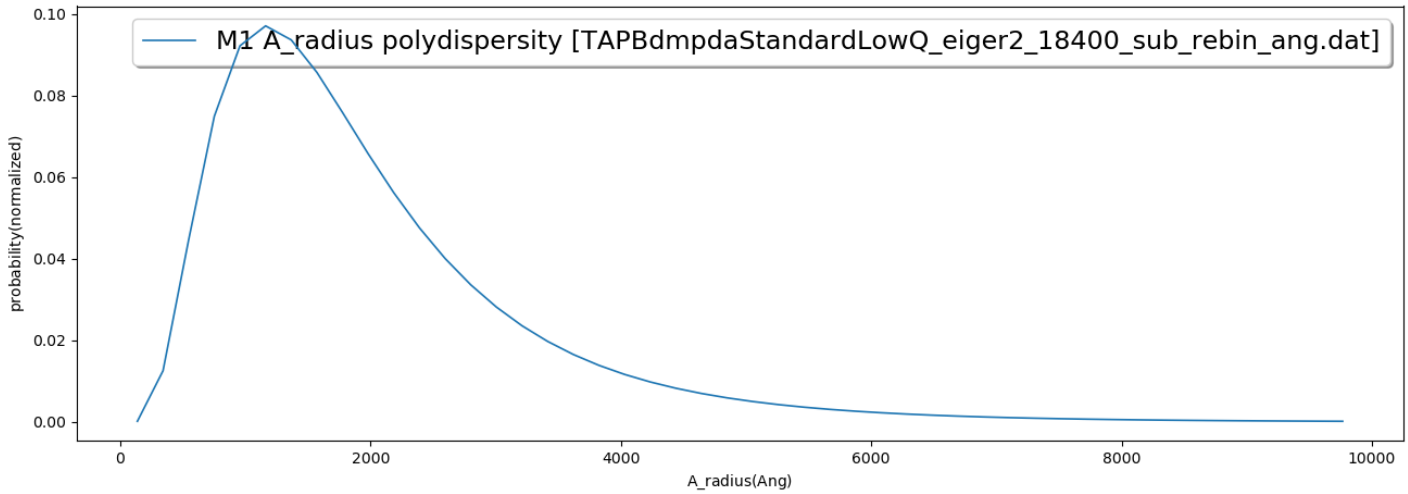
File name: TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+sphere+cylinder
Q Range: min = 0.00010925045900000001, max = 0.025671497
Chi2/Npts: 0.13447
scale = 0.00010289 ± 0.00069167
background = 0.08 (fixed) cm^{-1}
fractalspherecyl = (fixed)
A_scale = 2.7112 ± 11.231
A_volfraction = 0.16057 ± 0.39329
A_radius = 1674.1 ± 142.33 Å
A_fractal_dim = 3 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 11.605 ± 10.226 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 19.964 ± 86.609
B_sld = 8.5689 ± 1.2156 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 431.24 ± 344.61 Å
C_scale = 0.33881 ± 1.6843
C_sld = 12.075 ± 11.706 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
C_radius = 2144 ± 253.43 Å
C_length = 377.03 ± 303.7 Å
Distribution of A_radius = 0.60412 ± 0.042712 Function: lognormal
Distribution of B_radius = 1 ± 0.84233 Function: lognormal
Distribution of C_radius = 0.13014 ± 0.17273 Function: lognormal
Distribution of C_length = 1 ± 0.24161 Function: lognormal

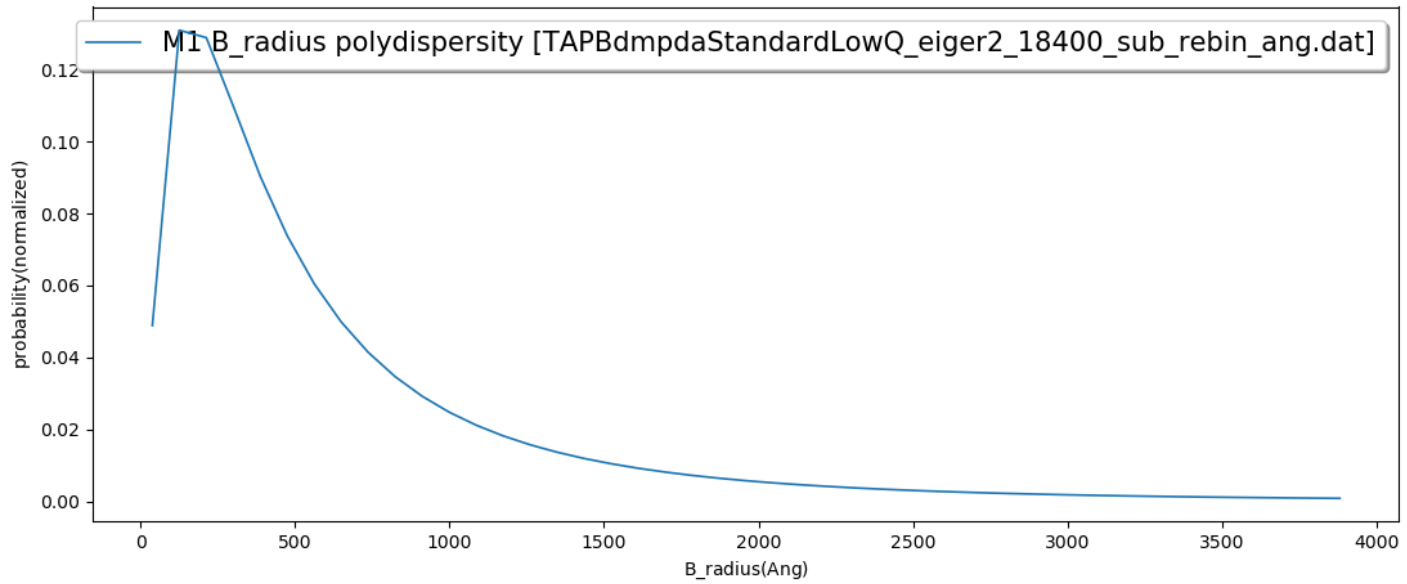
Graph

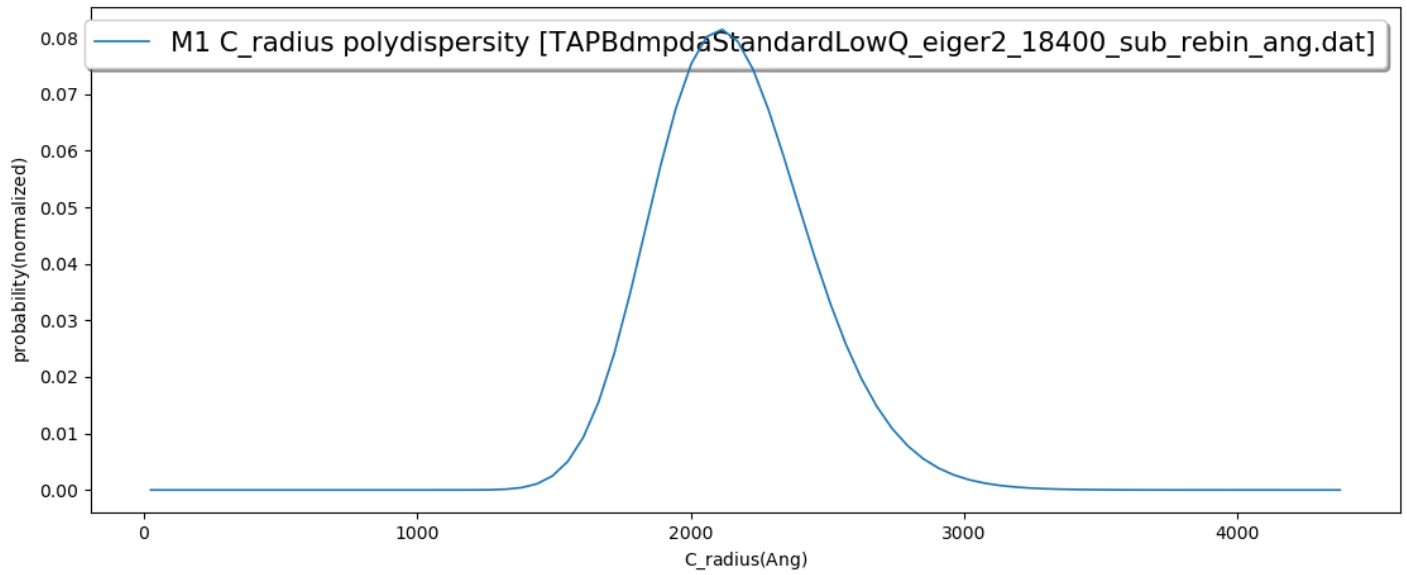
Model Computation
Data: "TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat"

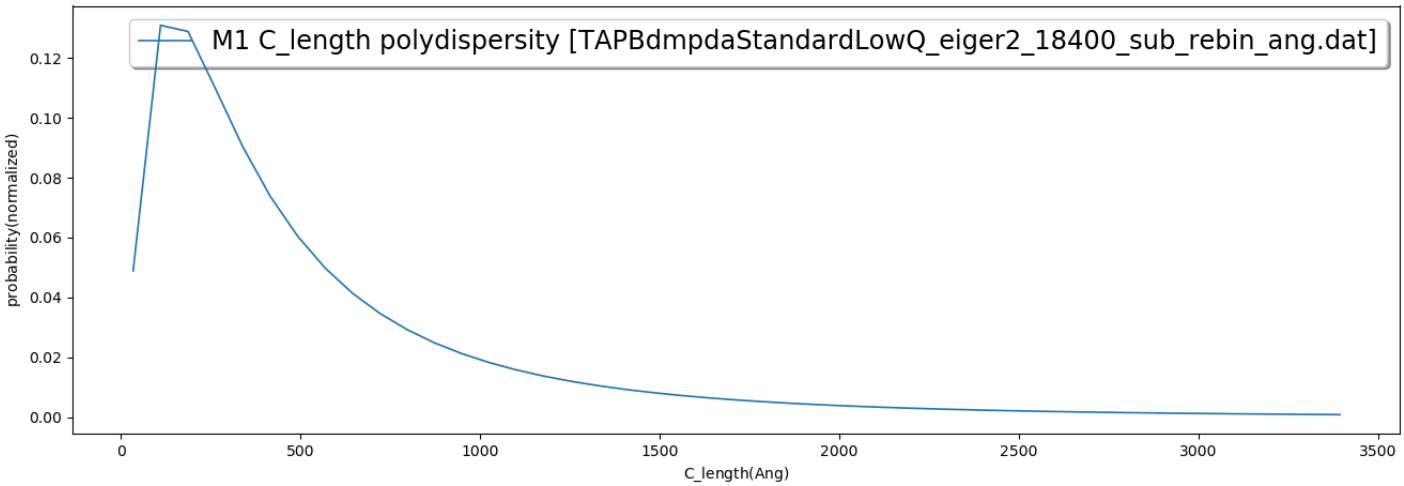

M1 [TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat]
TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat]
probability(normalized)
0.10
0.08
0.06
0.04
0.02
0.00
0
2000
4000
6000
8000
10000
A_radius(Ang)


M1 B_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat]
probability(normalized)
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
500
1000
1500
2000
2500
3000
3500
4000
B_radius(Ang)


M1 C_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18400_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
1000
2000
3000
4000
C_radius(Ang)


M1 C_length polydispersity [TAPBdmpdaStandardLowQ_eiger2_18400_sub_rebin_ang.dat]
probability(normalized)
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
500
1000
1500
2000
2500
3000
3500
C_length(Ang)