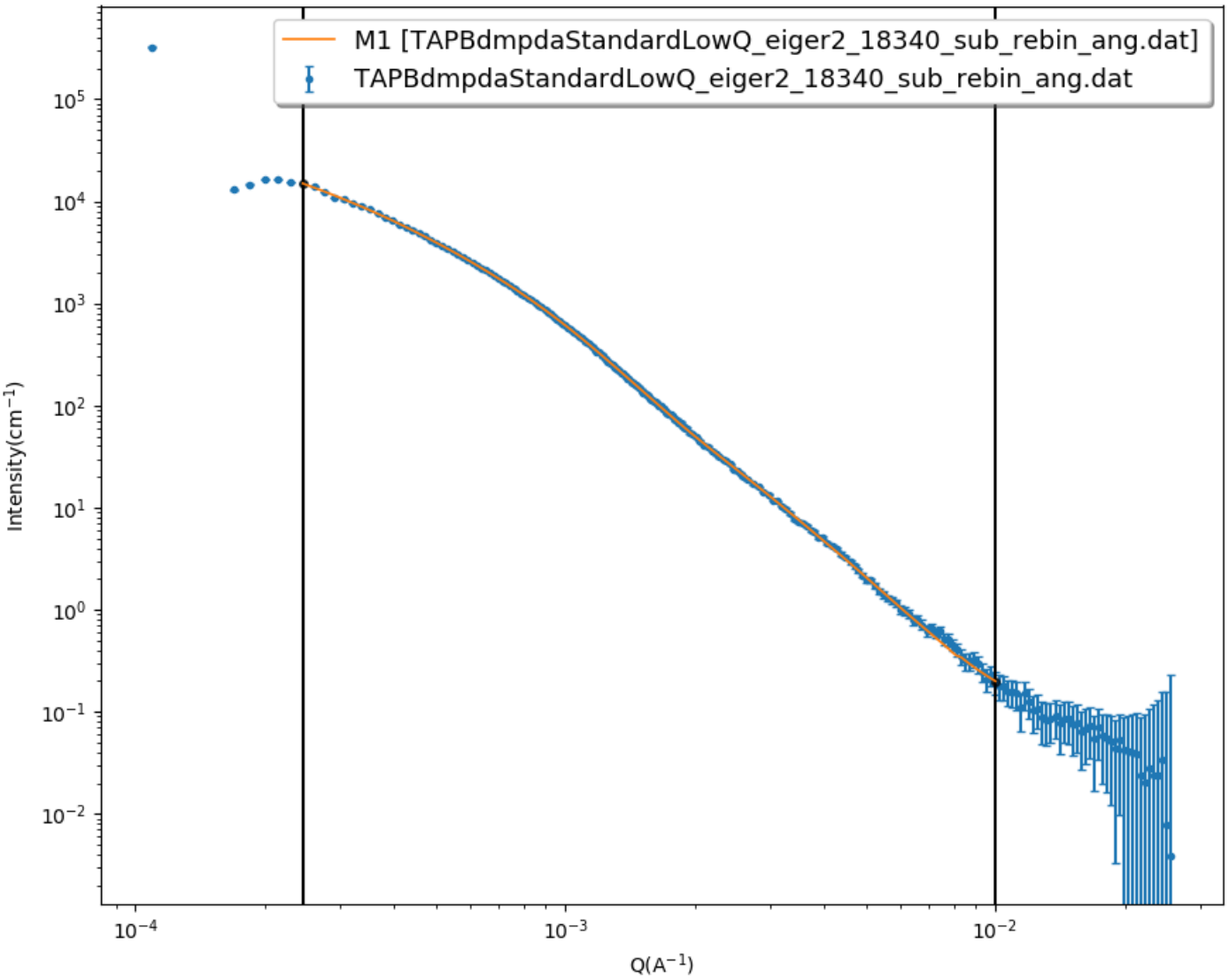
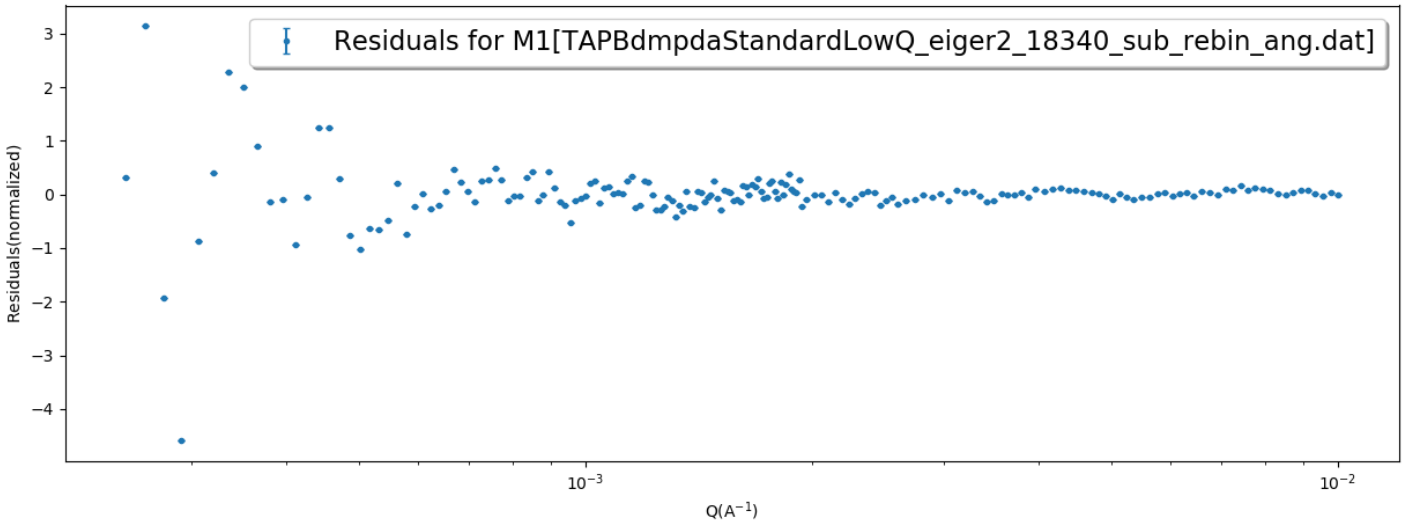
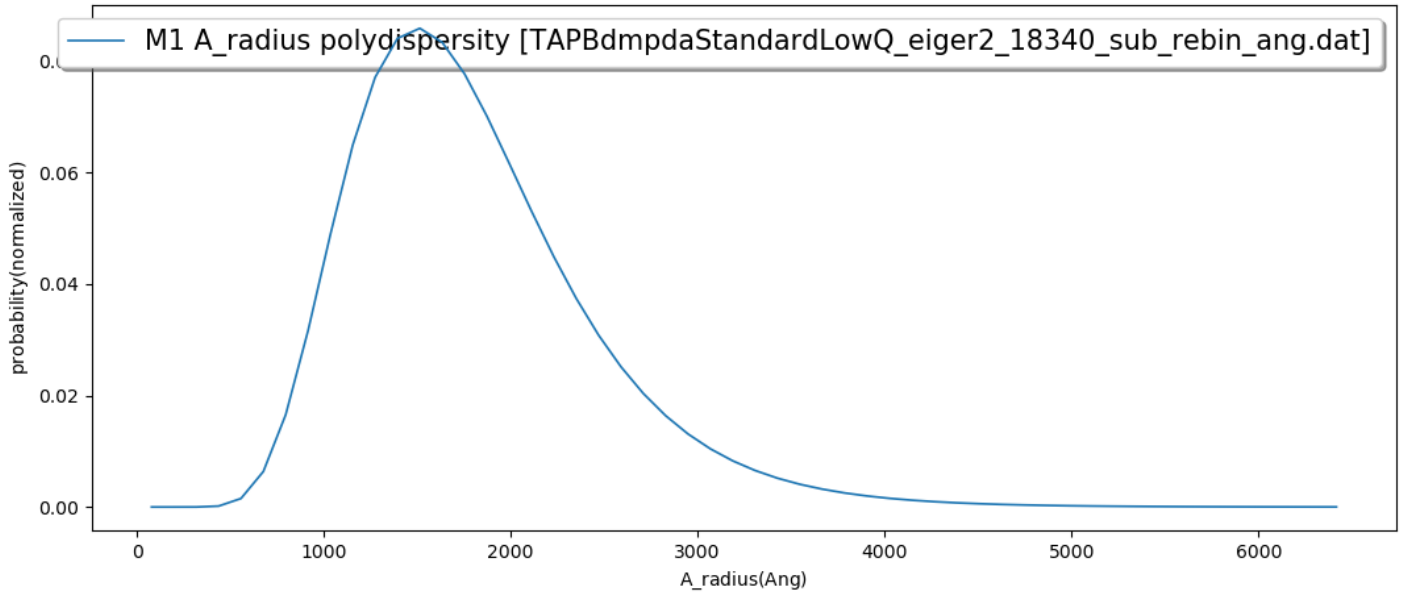
File name: TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+sphere+cylinder
Q Range: min = 0.00010925045900000001, max = 0.025671497
Chi2/Npts: 0.34151
scale = 9.3187e-05 ± 0.00048331
background = 0.08 (fixed) cm^{-1}
fractalspherecyl = (fixed)
A_scale = 2.0263 ± 13.497
A_volfraction = 0.21293 ± 0.75167
A_radius = 1693.3 ± 400.45 Å
A_fractal_dim = 3 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 11.457 ± 10.24 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 1.8857 ± 8.6399
B_sld = 9.8771 ± 3.793 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 267.33 ± 374.05 Å
C_scale = 0.39549 ± 1.848
C_sld = 12.235 ± 6.0514 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
C_radius = 1908.7 ± 654.01 Å
C_length = 1936.4 ± 1312.9 Å
Distribution of A_radius = 0.34868 ± 0.11546 Function: lognormal
Distribution of B_radius = 0.54478 ± 0.47023 Function: lognormal
Distribution of C_radius = 1 ± 0.28147 Function: lognormal
Distribution of C_length = 0.88557 ± 0.55109 Function: lognormal

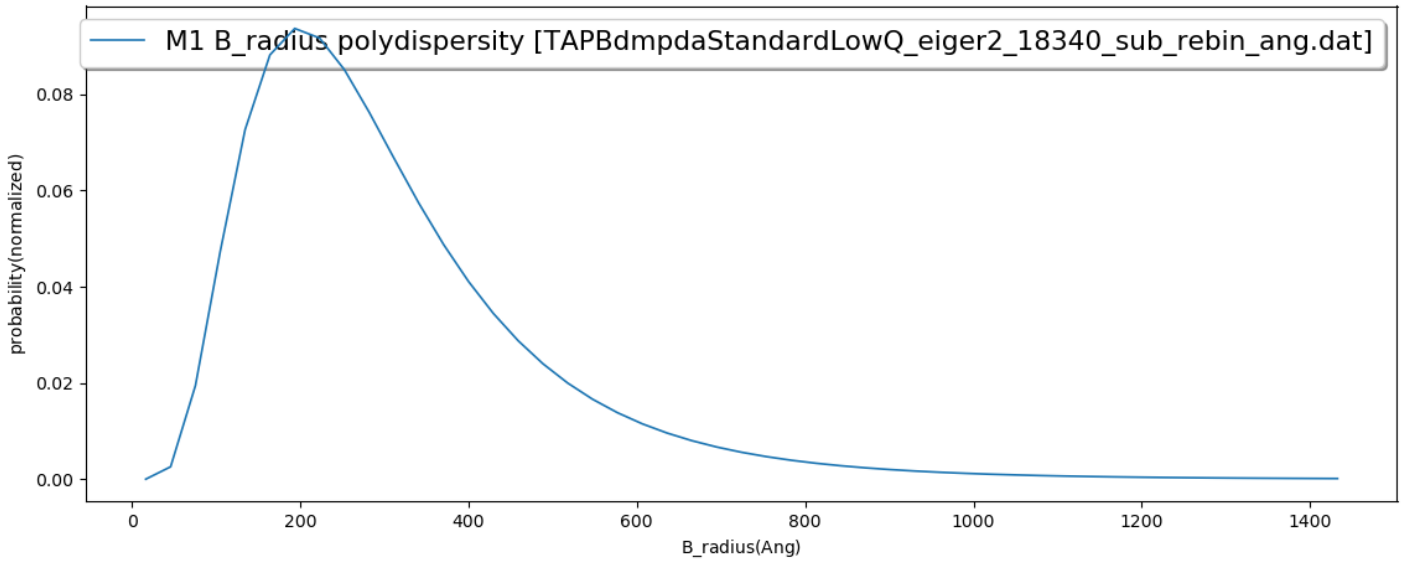
Graph

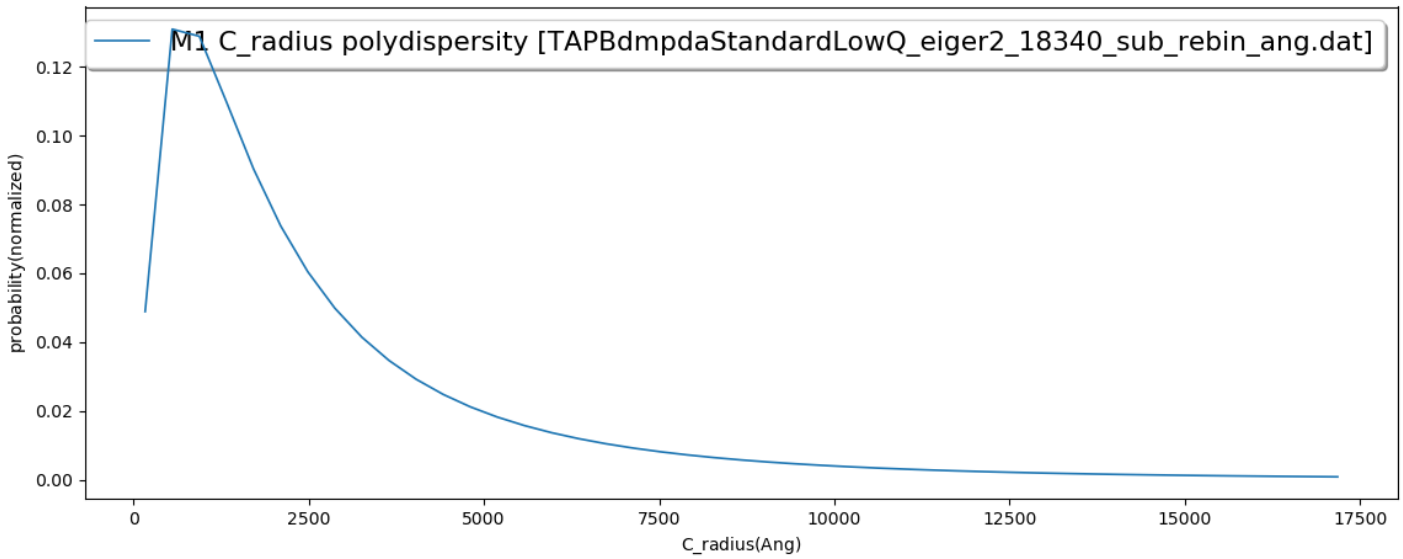
Model Computation
Data: "TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat"

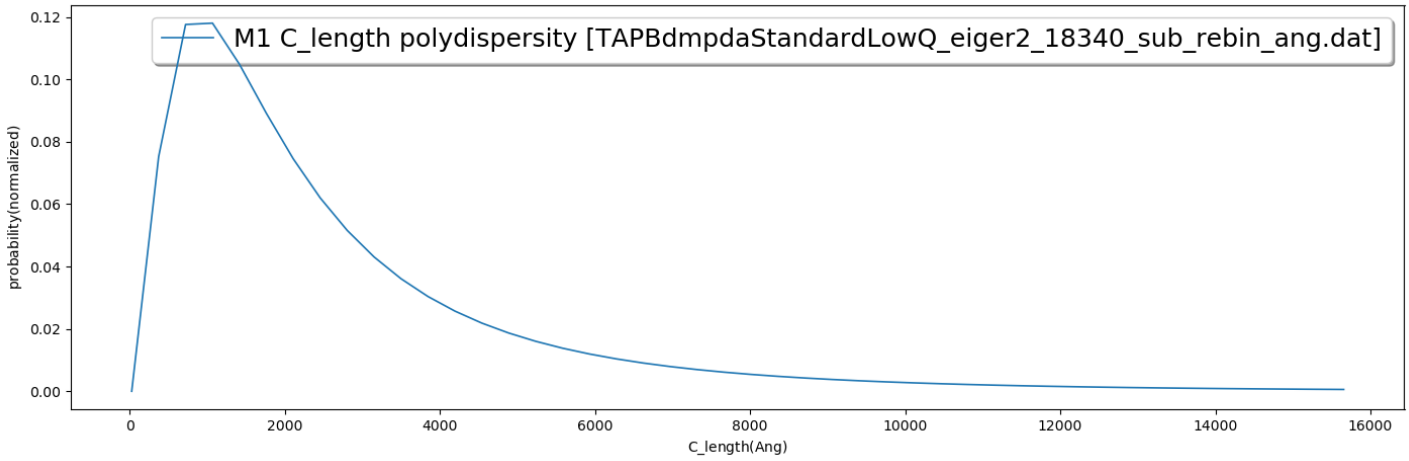

M1 [TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat]
TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat]
probability(normalized)
0.06
0.04
0.02
0.00
0
1000
2000
3000
4000
5000
6000
A_radius(Ang)


M1 B_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat]
probability(normalized)
0.08
0.06
0.04
0.02
0.00
0
200
400
600
800
1000
1200
1400
B_radius(Ang)


M1 C_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat]
probability(normalized)
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2500
5000
7500
10000
12500
15000
17500
C_radius(Ang)


M1 C_length polydispersity [TAPBdmpdaStandardLowQ_eiger2_18340_sub_rebin_ang.dat]
probability(normalized)
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2000
4000
6000
8000
10000
12000
14000
16000
C_length(Ang)