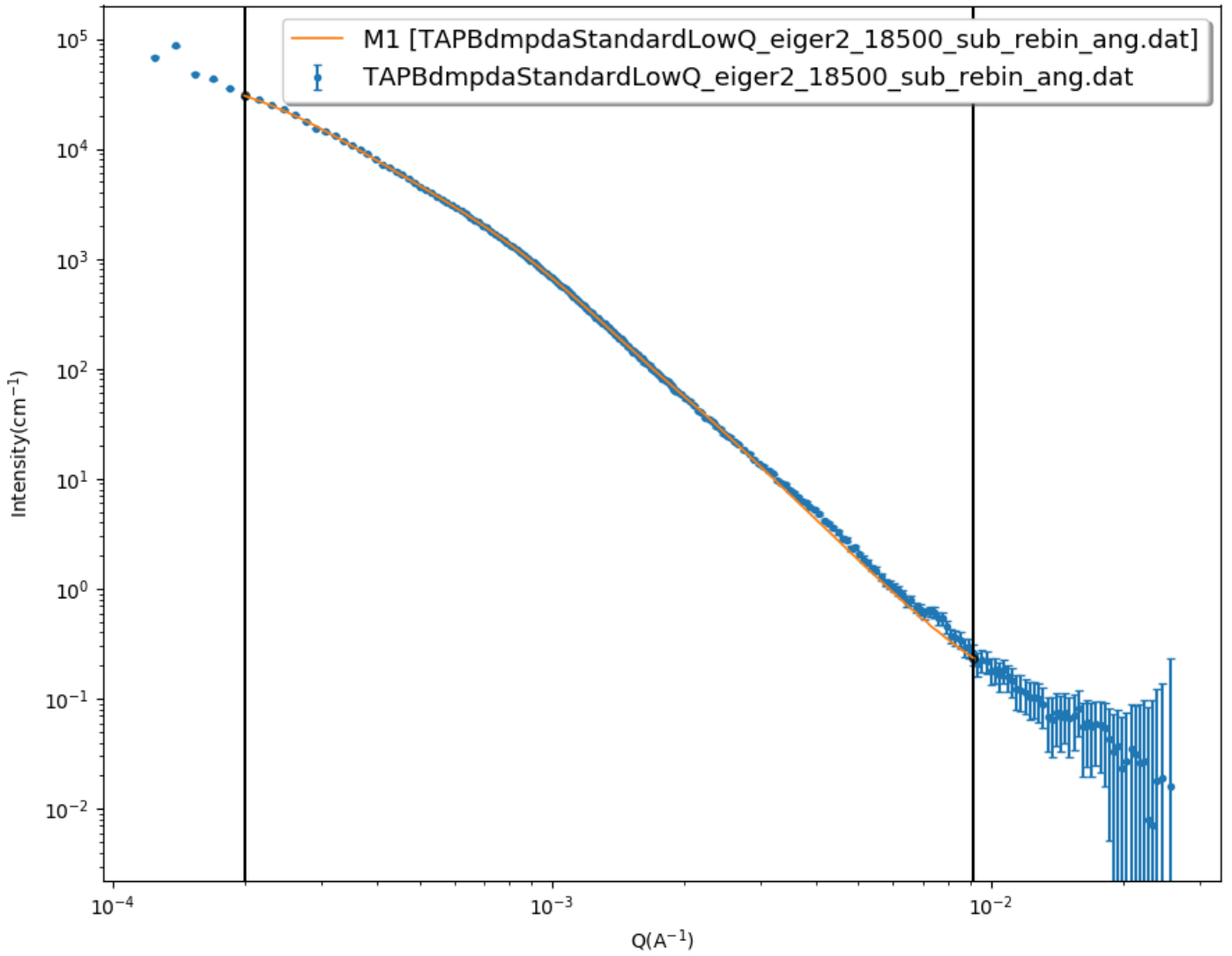
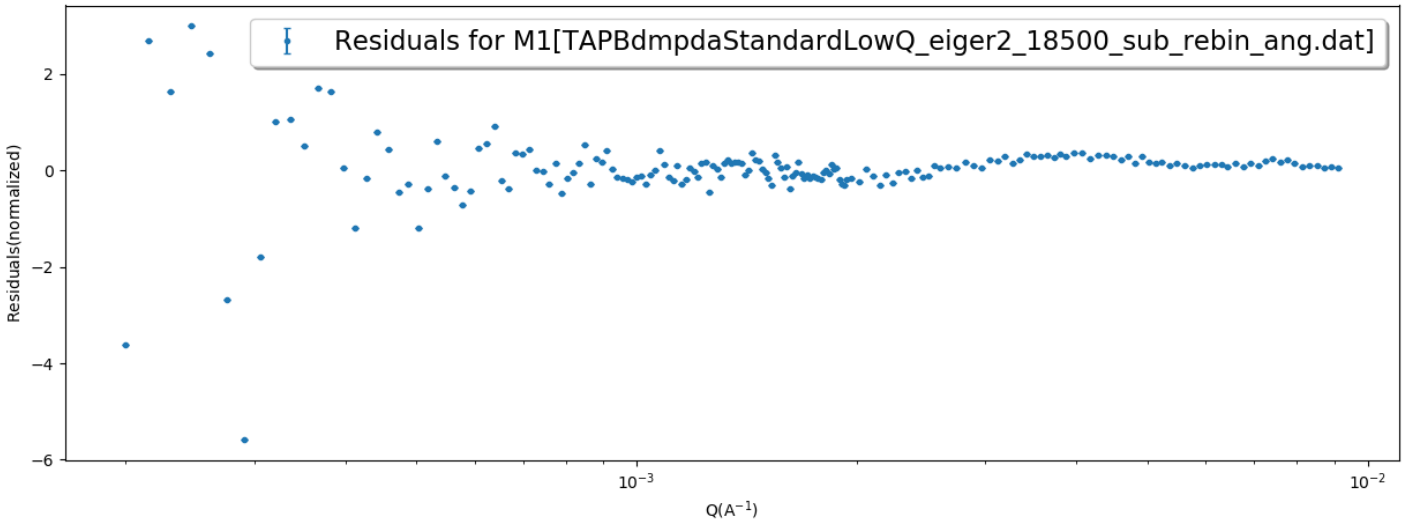
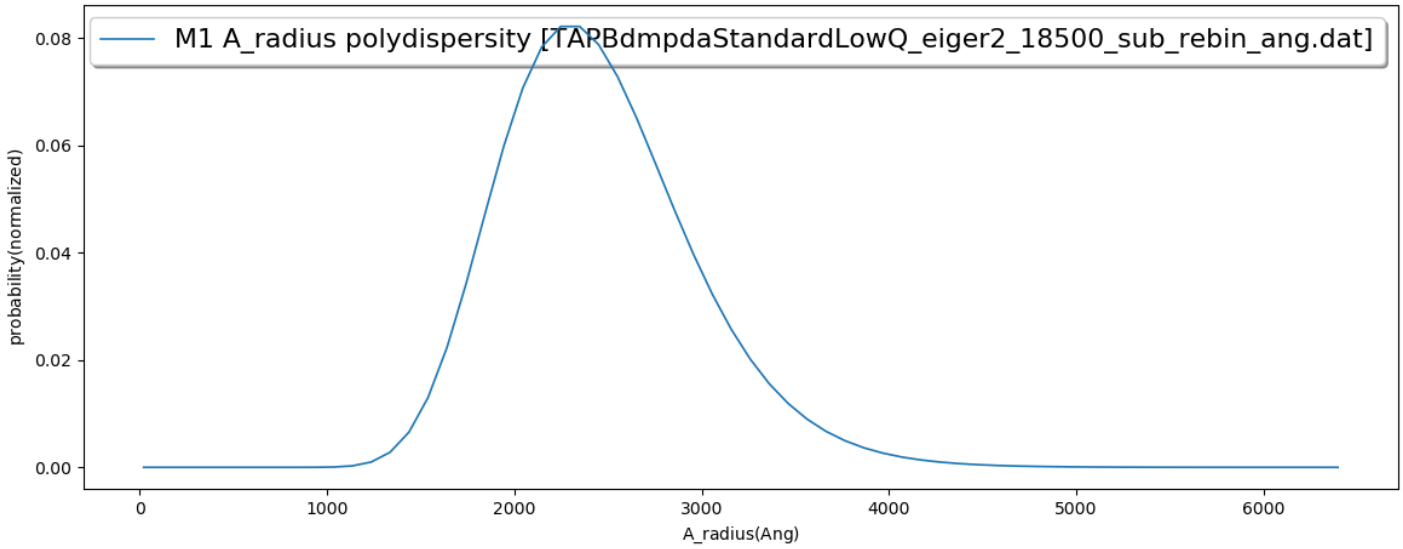
File name: TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+sphere+cylinder
Q Range: min = 0.00010925045900000001, max = 0.025671497
Chi2/Npts: 0.60027
scale = 0.00012303 ± 0.00039036
background = 0.08 (fixed) cm^{-1}
fractalspherecyl = (fixed)
A_scale = 0.33791 ± 2.1633
A_volfraction = 0.040257 ± 0.26712
A_radius = 2399.4 ± 211.07 Å
A_fractal_dim = 2.9757 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 16.941 ± 20.358 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 8.8818e-16 ± 1e+08
B_sld = 9.3809 ± 1e+08 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 300.59 ± 1e+08 Å
C_scale = 0.62693 ± 2.1574
C_sld = 12.186 ± 3.9267 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
C_radius = 8040 ± 155.74 Å
C_length = 861.57 ± 165.34 Å
Distribution of A_radius = 0.20821 ± 0.049602 Function: lognormal
Distribution of B_radius = 0.45 ± 1e+08 Function: lognormal
Distribution of C_radius = 0.27299 ± 0.018784 Function: lognormal
Distribution of C_length = 1 ± 0.14389 Function: lognormal

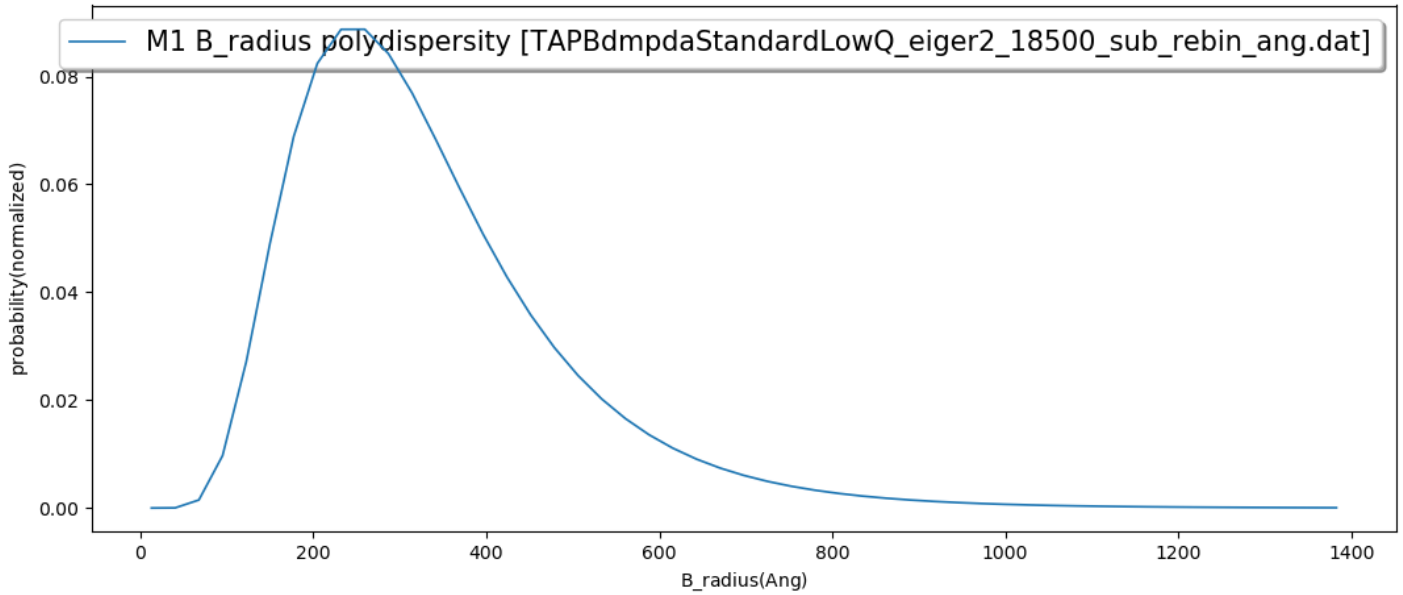
Graph

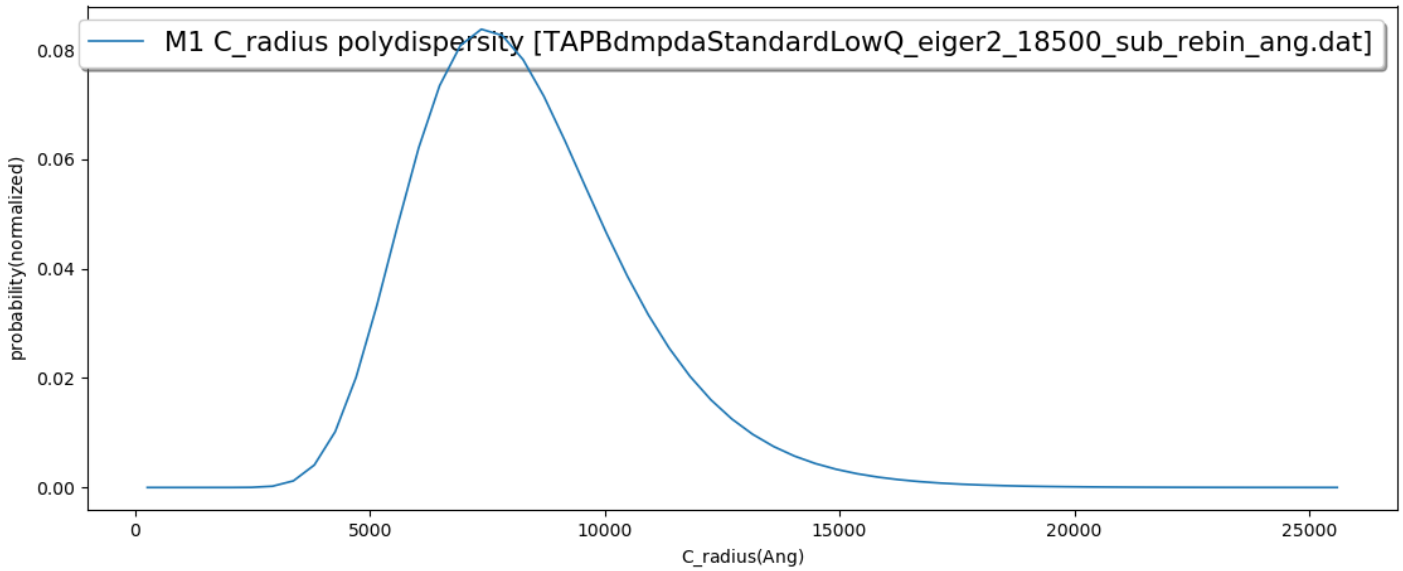
Model Computation
Data: "TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat"

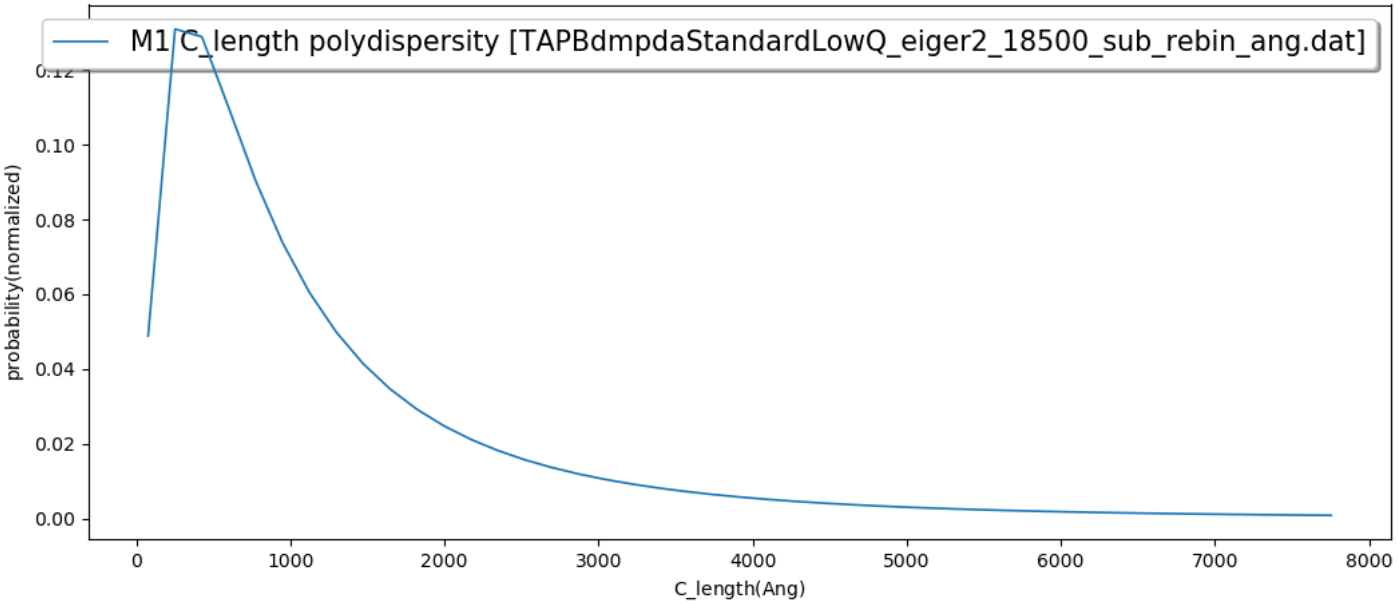

M1 [TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat]
TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat]
probability(normalized)
0.00
0.02
0.04
0.06
0.08
0
1000
2000
3000
4000
5000
6000
A_radius(Ang)


M1 B_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat]
probability(normalized)
0.00
0.02
0.04
0.06
0.08
0
200
400
600
800
1000
1200
1400
B_radius(Ang)


M1 C_radius polydispersity [TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat]
probability(normalized)
0.00
0.02
0.04
0.06
0.08
0
5000
10000
15000
20000
25000
C_radius(Ang)


M1 C_length polydispersity [TAPBdmpdaStandardLowQ_eiger2_18500_sub_rebin_ang.dat]
probability(normalized)
0.10
0.08
0.06
0.04
0.02
0.00
0
1000
2000
3000
4000
5000
6000
7000
8000
C_length(Ang)