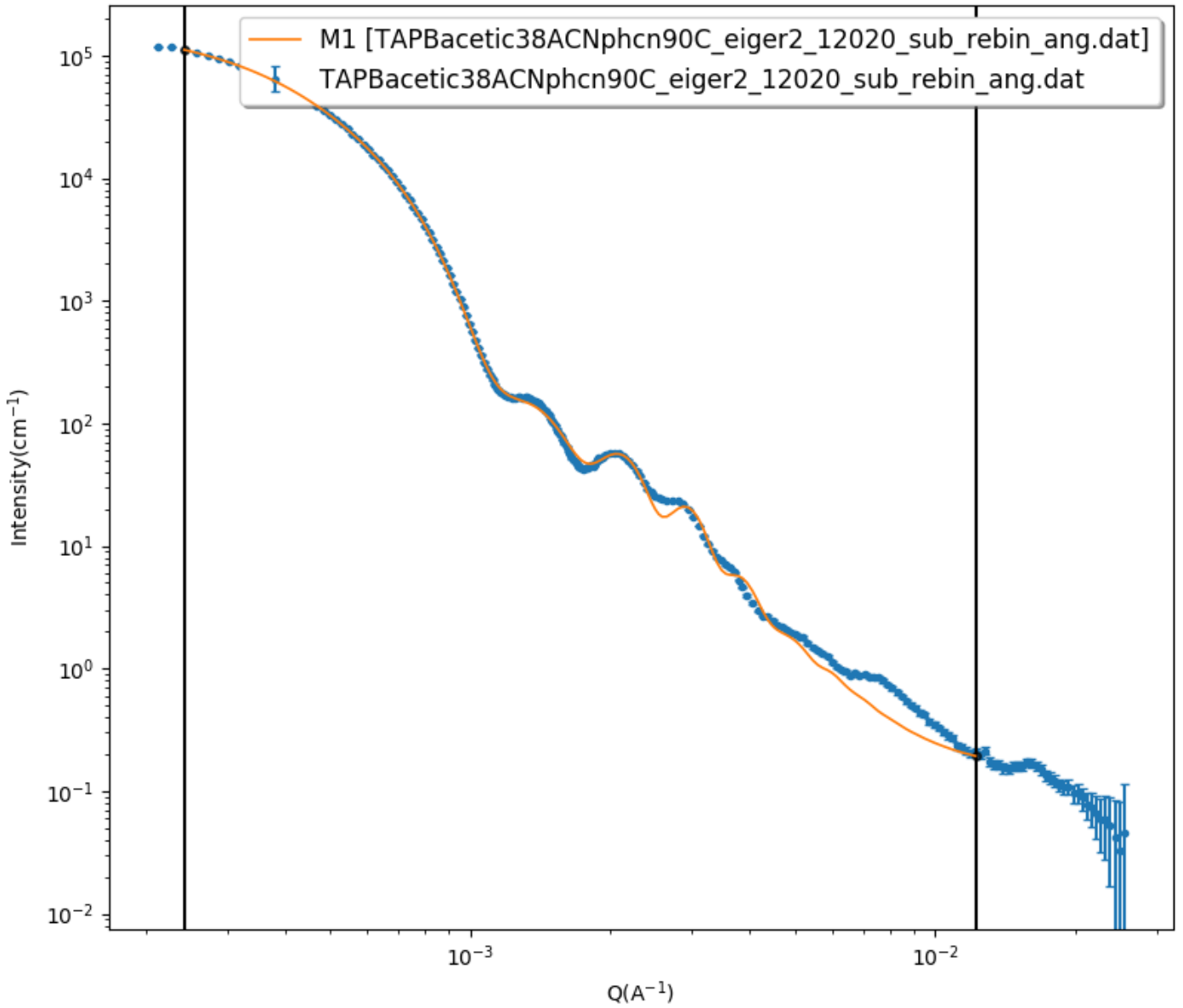
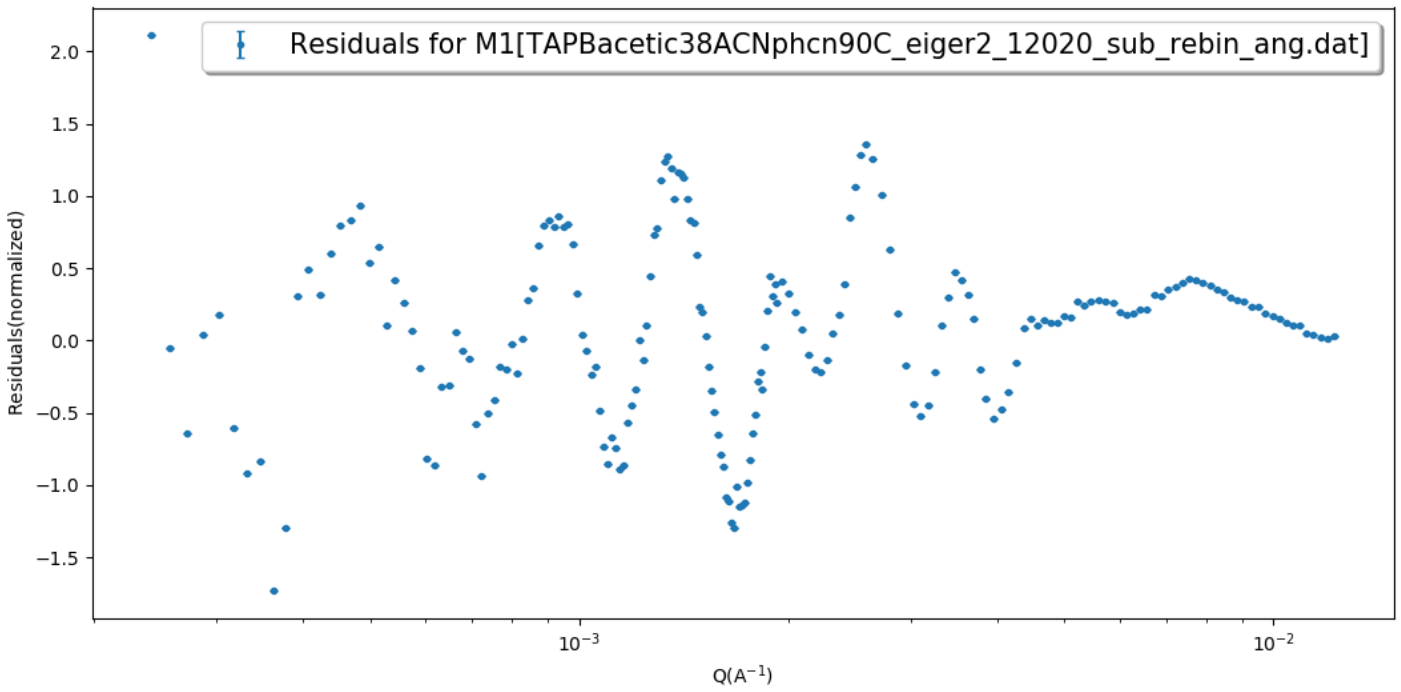
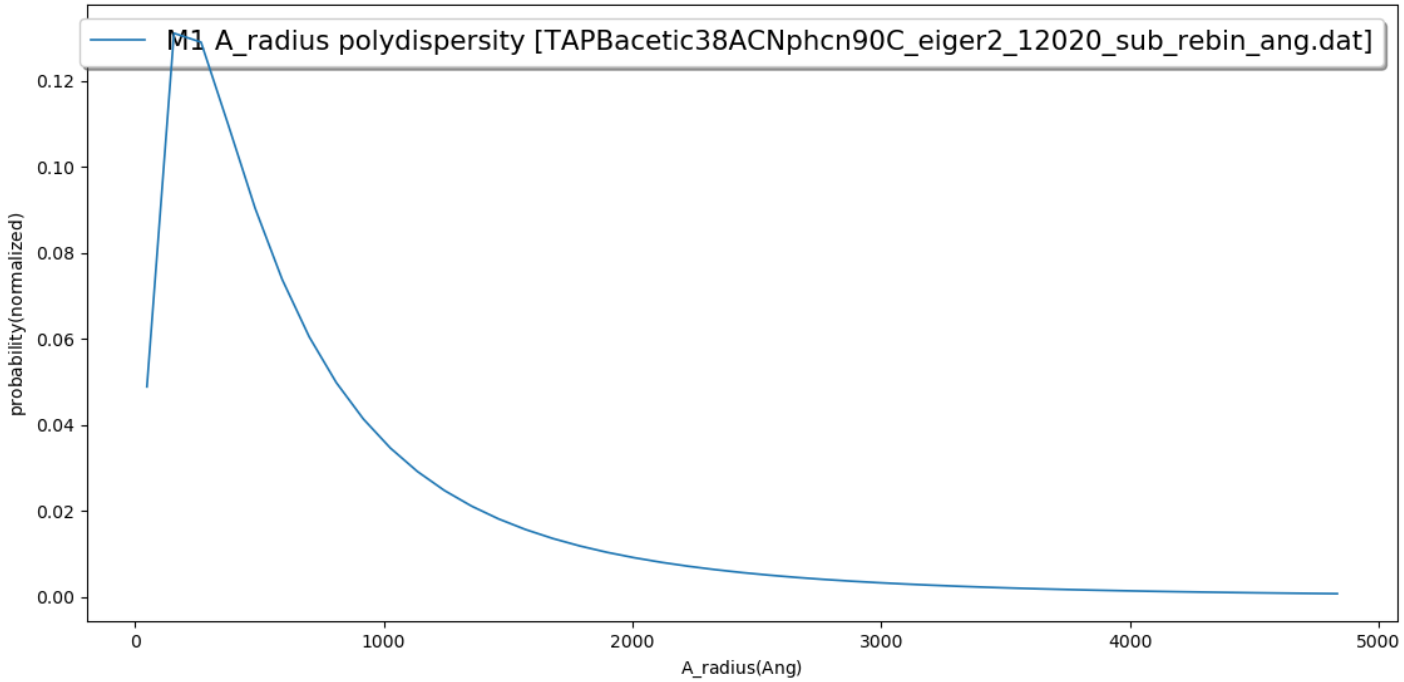
File name: TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.42328
scale = 0.00011095 ± 3504.4
background = 0.15 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.7693 ± 9.9981e+07
A_volfraction = 0.034732 ± 2.5327e+06
A_radius = 537.11 ± 536.68 Å
A_fractal_dim = 6 ± 1e+08
A_cor_length = 0 ± 1e+08 Å
A_sld_block = 14.854 ± 9.9993e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 0.40657 ± 2.8114e+07
B_sld = 11.995 ± 9.6767e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 6552.2 ± 448.15 Å
B_fuzziness = 0 ± 1e+08 Å
C_scale = 3.1413 ± 9.922e+07
C_radius = 3087.5 ± 40.629 Å
C_thickness = 2005.1 ± 47.773 Å
C_sld_core = 13.326 ± 321.19 $10^{-6}/Å^2$
C_sld_shell = 10.404 ± 109.23 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 1 ± 0.90009 Function: lognormal
Distribution of B_radius = 0.16093 ± 0.02541 Function: lognormal
Distribution of B_fuzziness = 0 ± 1e+08 Function: lognormal
Distribution of C_radius = 0.059406 ± 0.013292 Function: lognormal
Distribution of C_thickness = 0.22815 ± 0.02434 Function: lognormal

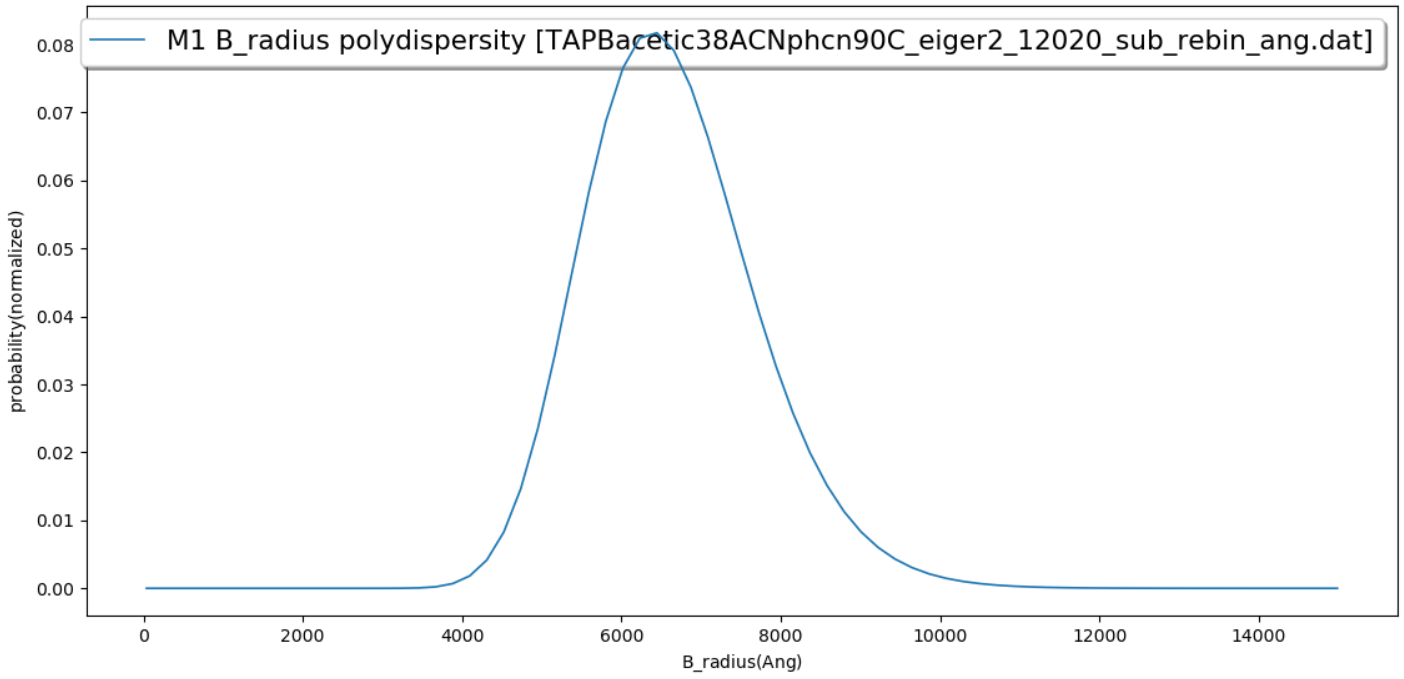
Graph

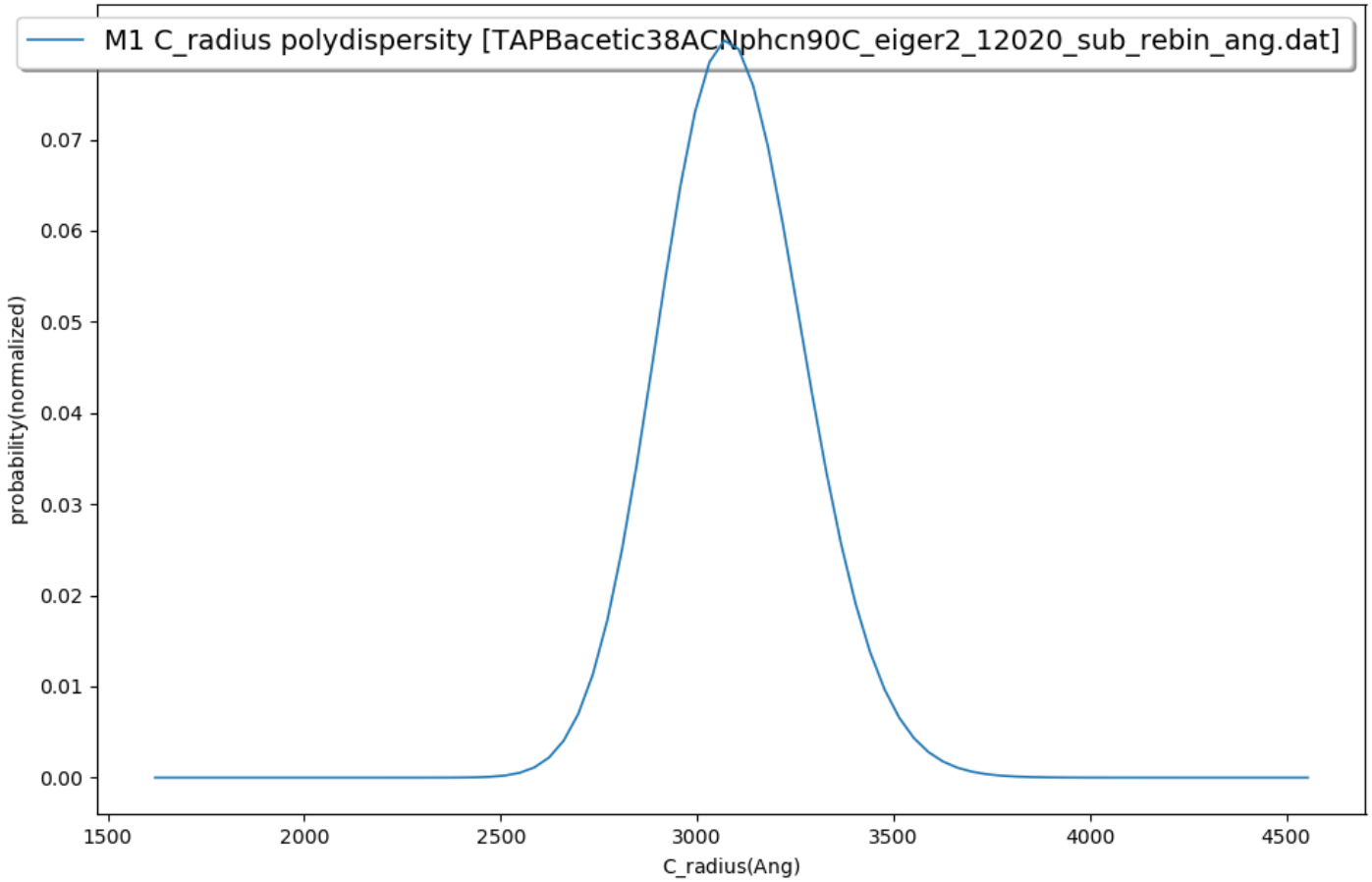
Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat"

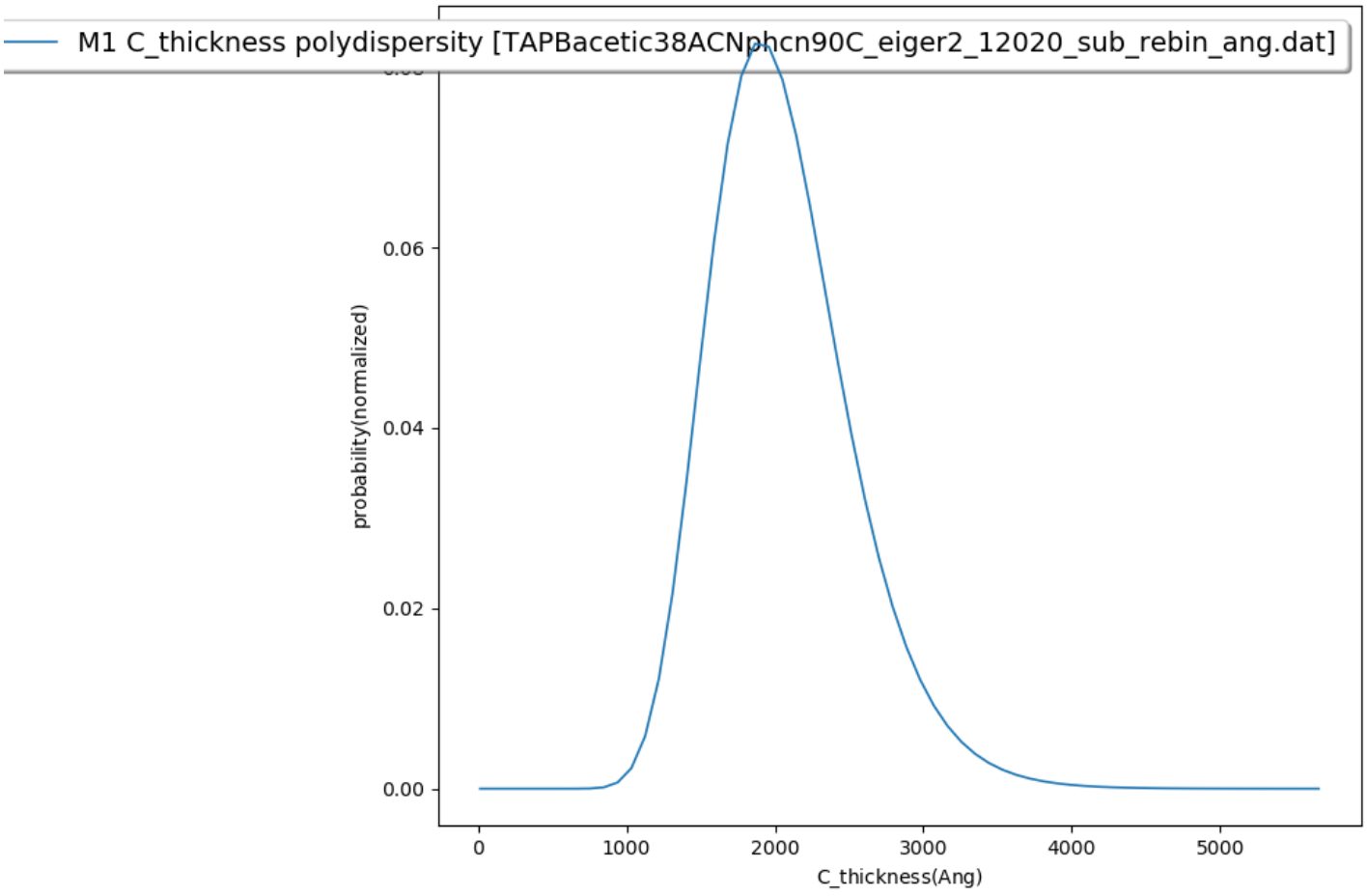

M1 [TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


M1 A_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat]
probability(normalized)
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
1000
2000
3000
4000
5000
A_radius(Ang)


M1 B_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12020_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
2000
4000
6000
8000
10000
12000
14000
B_radius(Ang)


M1 C_radius polydispersity [TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat]
probability(normalized)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
1500
2000
2500
3000
3500
4000
4500
C_radius(Ang)


M1 C_thickness polydispersity [TAPBacetic38ACNphcn90C_eiger2_12020_sub_rebin_ang.dat]
probability(normalized)
0.00
0.02
0.04
0.06
0
1000
2000
3000
4000
5000
C_thickness(Ang)