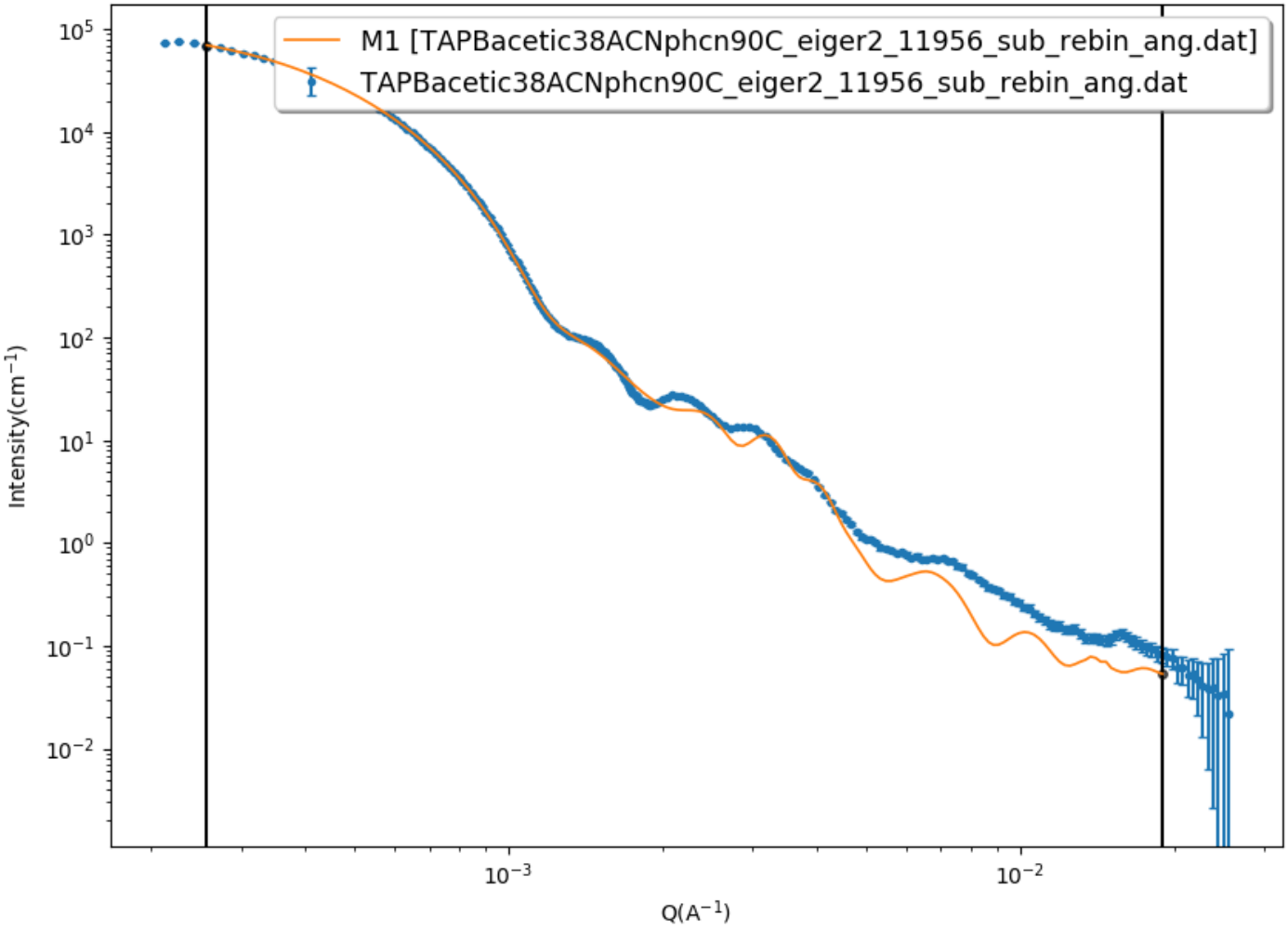
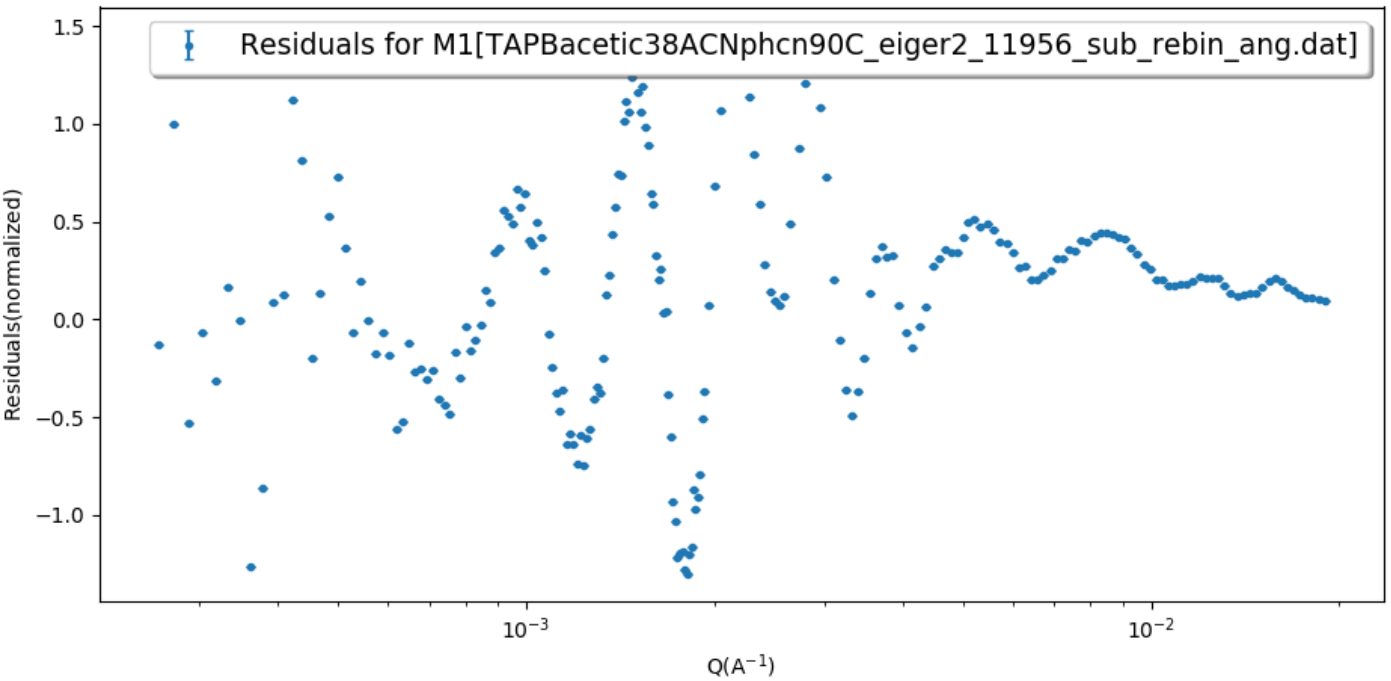
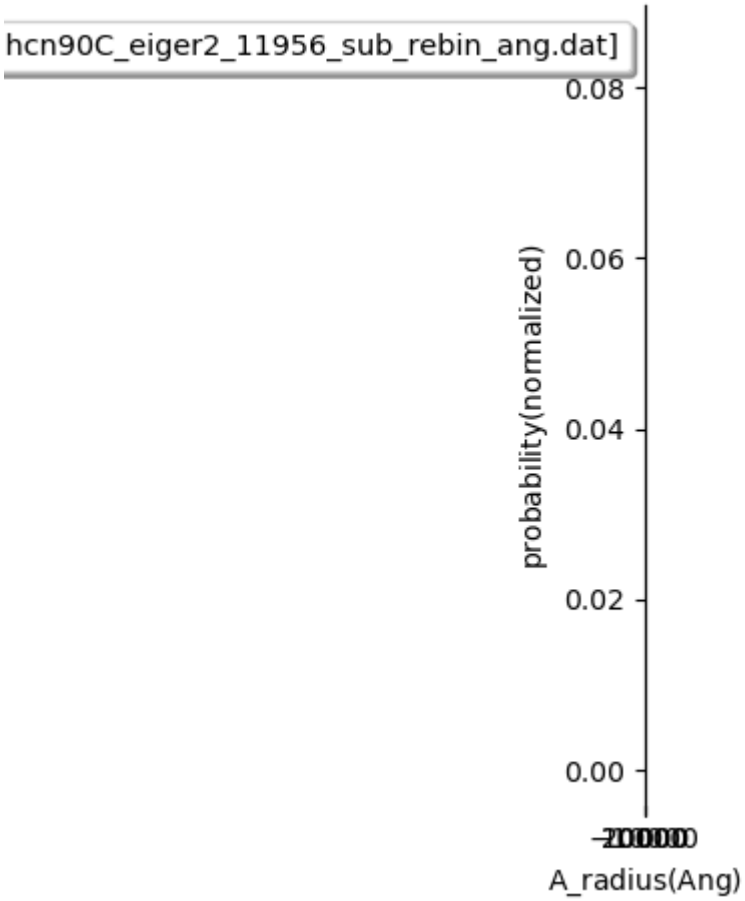
File name: TAPBacetic38ACNphcn90C_eiger2_11956_sub_rebin_ang.dat
SasView version: 5.0.6
SasModels version: 1.0.7
Fit optimizer used: Levenberg-Marquardt
Model name: fractal+fuzzy_sphere+core_shell_sphere
Q Range: min = 0.000212067761, max = 0.025557500100000005
Chi2/Npts: 0.3733
scale = 0.00011262 ± 6041.7
background = 0.05 (fixed) cm^{-1}
fractal_fuzzysphere_coreshellsphere = (fixed)
A_scale = 1.6661 ± 9.9876e+07
A_volfraction = 0.083306 ± 7.5805e+06
A_radius = 3310 ± 1024.9 Å
A_fractal_dim = 0 ± 11.329
A_cor_length = 100.0 (fixed) Å
A_sld_block = 13.561 ± 9.9936e+07 $10^{-6}/Å^2$
A_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_scale = 1.1785 ± 6.9307e+07
B_sld = 12.84 ± 9.022e+07 $10^{-6}/Å^2$
B_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
B_radius = 2940.9 ± 2.201e+05 Å
B_fuzziness = 2522 ± 1.0688e+05 Å
C_scale = 1.5637 ± 8.3887e+07
C_radius = 2905.1 ± 61.089 Å
C_thickness = 1781.8 ± 67.665 Å
C_sld_core = 13.227 ± 364.81 $10^{-6}/Å^2$
C_sld_shell = 10.205 ± 110.12 $10^{-6}/Å^2$
C_sld_solvent = 8.9 (fixed) $10^{-6}/Å^2$
Distribution of A_radius = 0.32775 ± 0.064216 Function: lognormal
Distribution of B_radius = 0.19934 ± 6.7453 Function: lognormal
Distribution of B_fuzziness = 2.8714e-06 ± 1463.5 Function: lognormal
Distribution of C_radius = 0.076445 ± 0.018088 Function: lognormal
Distribution of C_thickness = 0.0043344 ± 1.6219 Function: lognormal

Graph

Model Computation
Data: "TAPBacetic38ACNphcn90C_eiger2_11956_sub_rebin_ang.dat"


M1 [TAPBacetic38ACNphcn90C_eiger2_11956_sub_rebin_ang.dat]
TAPBacetic38ACNphcn90C_eiger2_11956_sub_rebin_ang.dat
Intensity(cm^{-1})
Q(A^{-1})


Residuals for M1[TAPBacetic38ACNphcn90C_eiger2_11956_sub_rebin_ang.dat]
Residuals(normalized)
Q(A^{-1})


hcn90C_eiger2_11956_sub_rebin_ang.dat]
0.08
0.06
0.04
0.02
0.00
probability(normalized)
A_radius(Ang)