

File name: TAPBacetic38ACNphcn90C\_eiger2\_11979\_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: 0.40946

scale = 0.00012345 ± 5052.2

background = 0.12 (fixed) cm<sup>-1</sup>

fractal\_fuzzysphere\_coresphere = (fixed)

A\_scale = 0.94829 ± 9.9875e+07

A\_volfraction = 0.047415 ± 5.9049e+06

A\_radius = 2235 ± 119.62 Å

A\_fractal\_dim = 6 ± 1e+08

A\_cor\_length = 0 ± 1e+08 Å

A\_sld\_block = 12.702 ± 9.9969e+07 10<sup>-6</sup>/Å<sup>2</sup>

A\_sld\_solvent = 8.9 (fixed) 10<sup>-6</sup>/Å<sup>2</sup>

B\_scale = 0.4284 ± 3.3337e+07

B\_sld = 11.704 ± 9.5759e+07 10<sup>-6</sup>/Å<sup>2</sup>

B\_sld\_solvent = 8.9 (fixed) 10<sup>-6</sup>/Å<sup>2</sup>

B\_radius = 6176.8 ± 553.86 Å

B\_fuzziness = 0 ± 1e+08 Å

C\_scale = 2.4085 ± 9.8565e+07

C\_radius = 2958.4 ± 40.123 Å

C\_thickness = 1951.4 ± 43.562 Å

C\_sld\_core = 13.892 ± 292.44 10<sup>-6</sup>/Å<sup>2</sup>

C\_sld\_shell = 10.575 ± 98.224 10<sup>-6</sup>/Å<sup>2</sup>

C\_sld\_solvent = 8.9 (fixed) 10<sup>-6</sup>/Å<sup>2</sup>

Distribution of A\_radius = 0 ± 104.67 Function: lognormal

Distribution of B\_radius = 0.20427 ± 0.028816 Function: lognormal

Distribution of B\_fuzziness = 0 ± 1e+08 Function: lognormal

Distribution of C\_radius = 0.061339 ± 0.015046 Function: lognormal

Distribution of C\_thickness = 0.28188 ± 0.034101 Function: lognormal

## Graph

Model Computation

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