

File name: TAPBacetic38ACNphcn90C\_eiger2\_12200\_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: 1.5713

scale =  $0.00012584 \pm 3081.4$

background = 0.15 (fixed)  $\text{cm}^{-1}$

fractal\_fuzzysphere\_coresellsphere = (fixed)

A\_scale =  $1.5889 \pm 9.9961\text{e}+07$

A\_volfraction =  $0.04414 \pm 3.3452\text{e}+06$

A\_radius =  $1018.8 \pm 213.21 \text{ \AA}$

A\_fractal\_dim =  $6 \pm 1\text{e}+08$

A\_cor\_length =  $0 \pm 1\text{e}+08 \text{ \AA}$

A\_sld\_block =  $14.7 \pm 9.9988\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

A\_sld\_solvent = 8.9 (fixed)  $10^{-6}/\text{\AA}^2$

B\_scale =  $0.15678 \pm 8.0943\text{e}+06$

B\_sld =  $13.283 \pm 9.9745\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

B\_sld\_solvent = 8.9 (fixed)  $10^{-6}/\text{\AA}^2$

B\_radius =  $7147.3 \pm 584.06 \text{ \AA}$

B\_fuzziness =  $2.3283\text{e}-07 \pm 1\text{e}+08 \text{ \AA}$

C\_scale =  $4.0805 \pm 9.9921\text{e}+07$

C\_radius =  $3550.3 \pm 41.076 \text{ \AA}$

C\_thickness =  $1709.3 \pm 82.131 \text{ \AA}$

C\_sld\_core =  $11.96 \pm 140.34 \text{ } 10^{-6}/\text{\AA}^2$

C\_sld\_shell =  $10.271 \pm 62.95 \text{ } 10^{-6}/\text{\AA}^2$

C\_sld\_solvent = 8.9 (fixed)  $10^{-6}/\text{\AA}^2$

Distribution of A\_radius =  $0.33844 \pm 0.11668$  Function: lognormal

Distribution of B\_radius =  $0.13286 \pm 0.032509$  Function: lognormal

Distribution of B\_fuzziness =  $0 \pm 0.0013806$  Function: lognormal

Distribution of C\_radius =  $0.00038465 \pm 1.5725$  Function: lognormal

Distribution of C\_thickness =  $0.28184 \pm 0.076823$  Function: lognormal

## Graph

Model Computation

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