

File name: TAPBacetic38ACNphcn90C\_eiger2\_12240\_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: 0.28989

scale =  $0.00011898 \pm 3389.1$

background = 0.14 (fixed)  $\text{cm}^{-1}$

fractal\_fuzzysphere\_coresellsphere = (fixed)

A\_scale =  $1.0841 \pm 9.9961\text{e}+07$

A\_volfraction =  $0.030118 \pm 3.1522\text{e}+06$

A\_radius =  $1482.6 \pm 105.58 \text{ \AA}$

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

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

A\_sld\_block =  $13.832 \pm 9.9993\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B\_scale =  $0.26502 \pm 1.1861\text{e}+07$

B\_sld =  $14.637 \pm 9.9578\text{e}+07 \text{ } 10^{-6}/\text{\AA}^2$

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

B\_radius =  $5382.9 \pm 661 \text{ \AA}$

B\_fuzziness =  $0 \pm 1\text{e}+08 \text{ \AA}$

C\_scale =  $3.5005 \pm 9.9713\text{e}+07$

C\_radius =  $3451.8 \pm 213.07 \text{ \AA}$

C\_thickness =  $1211.2 \pm 184.07 \text{ \AA}$

C\_sld\_core =  $10.947 \pm 97.981 \text{ } 10^{-6}/\text{\AA}^2$

C\_sld\_shell =  $10.675 \pm 84.922 \text{ } 10^{-6}/\text{\AA}^2$

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

Distribution of A\_radius =  $0 \pm 147.46$  Function: lognormal

Distribution of B\_radius =  $0.21083 \pm 0.033416$  Function: lognormal

Distribution of B\_fuzziness =  $0 \pm 1\text{e}+08$  Function: lognormal

Distribution of C\_radius =  $0 \pm 0.0047094$  Function: lognormal

Distribution of C\_thickness =  $0.20755 \pm 0.046372$  Function: lognormal

## Graph

Model Computation

Data: "TAPBacetic38ACNphcn90C\_eiger2\_12240\_sub\_rebin\_ang.dat"





