

Supporting Information

Aurore: a new software for neutron reflectivity data analysis

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Example of the PDF report generated by Aurore

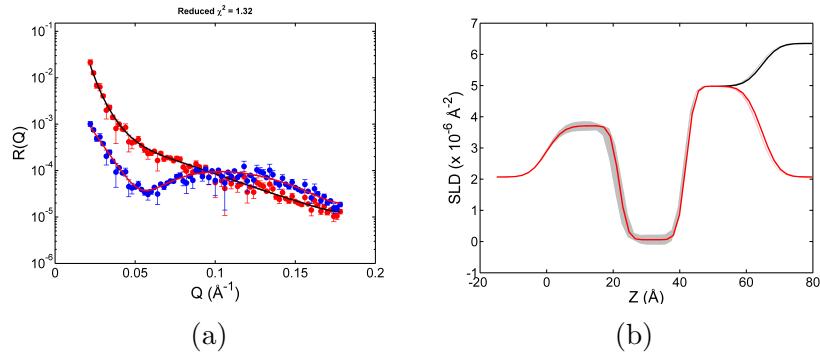


Figure 1: (a) Experimental (symbols) and simulated (lines) reflectivity profiles. Fits were obtained according to the parameters listed in the following table. (b) Scattering length density profiles corresponding to the fits reported in Figure 1a. Confidence intervals (1σ from bootstrap) are indicated as shaded areas. The same color code applies.

Table 1: Parameters extracted from the fits. Relative errors are given in percentage as 1σ confidence interval.

	Parameter	Value	Error	Units
1)	σ_0	4.000	0.000	\AA
2)	t_1	22.990	1.360	\AA
3)	SLD_1	3.610	0.090	$\times 10^{-6} \text{\AA}^{-2}$
4)	f_{w1}	0.000	0.000	0:1
5)	σ_1	2.000	0.000	\AA
6)	t_2	19.620	0.960	\AA
7)	SLD_2	0.020	0.130	$\times 10^{-6} \text{\AA}^{-2}$
8)	f_{w2}	0.000	0.000	0:1
9)	σ_2	2.000	0.000	\AA
10)	t_3	22.590	0.220	\AA
11)	SLD_3	5.020	0.020	$\times 10^{-6} \text{\AA}^{-2}$
12)	f_{w3}	0.000	0.000	0:1
13)	σ_3	4.000	0.000	\AA