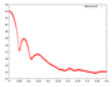
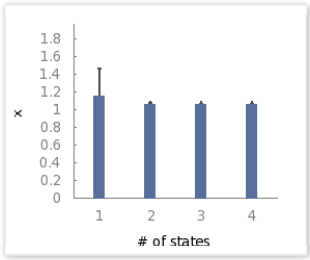
FoXS

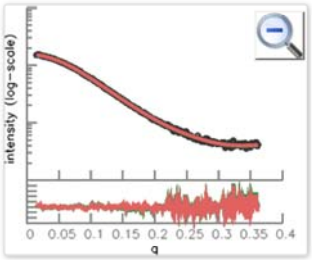
Fast SAXS Profile Computation with Debye Formula



PDB files	Profile file	
aa.zip	SAXS_26993_merged.dat	-

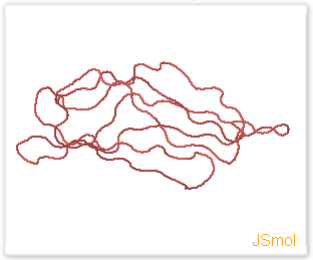
MultiFoXS Results

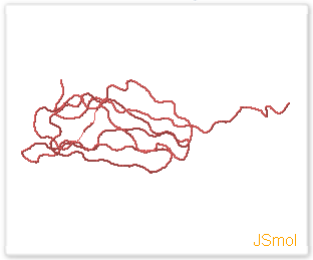




Best scoring 2-state model $\chi = 1.05$ $c_1 = 1.05$ $c_2 = -0.22$ ☑ show/hide weighted profile

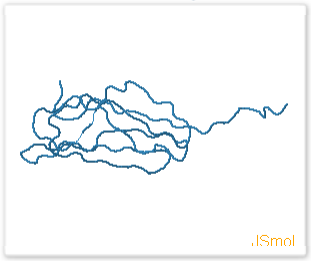
PDB1: 26993.B99990022.pdb $R_g = 15.08$ $w_1 = 0.529$ **PDB2: 26993.B99990091.pdb** $R_g = 16.75$ $w_2 = 0.471$

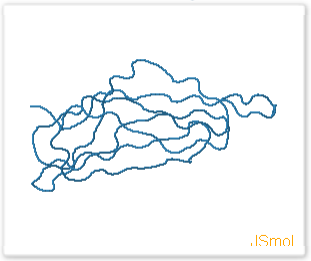


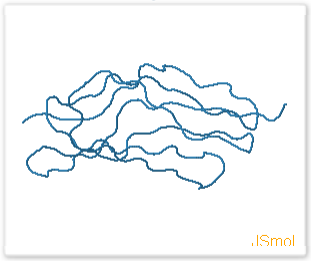


Best scoring 3-state model $\chi = 1.05$ $c_1 = 1.05$ $c_2 = -0.17$ ☐ show/hide weighted profile

PDB1: 26993.B99990091.pdb $R_g = 16.75$ $w_1 = 0.441$ **PDB2: 26993.B99990038.pdb** $R_g = 15.25$ $w_2 = 0.304$ **PDB3: NMR.pdb** $R_g = 14.12$ $w_3 = 0.255$

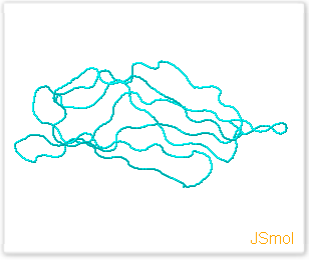


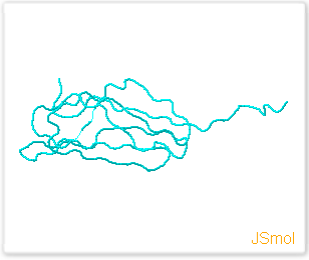


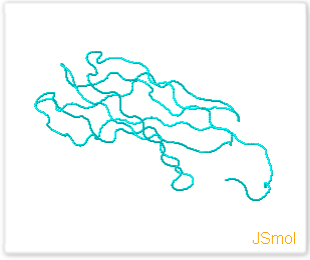


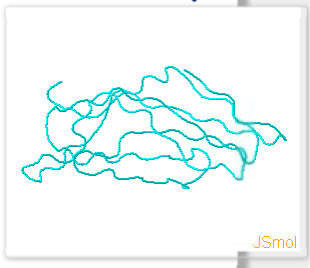
Best scoring 4-state model $\chi = 1.05$ $c_1 = 1.05$ $c_2 = -0.49$ ☐ show/hide weighted profile

PDB1: 26993.B99990022.pdb $R_g = 15.08$ $w_1 = 0.119$ **PDB2: 26993.B99990091.pdb** $R_g = 16.75$ $w_2 = 0.475$ **PDB3: 26993.B99990008.pdb** $R_g = 15.49$ $w_3 = 0.333$ **PDB4: 26993.B99990035.pdb** $R_g = 14.39$ $w_4 = 0.07$









If you use FoXS, please cite:

D. Schneidman-Duhovny, M. Hammel, JA. Tainer, and A. Sali. Accurate SAXS profile computation and its assessment by contrast variation experiments. Biophysical Journal 2013.

D. Schneidman-Duhovny, M. Hammel, and A. Sali. FoXS: A Web server for Rapid Computation and Fitting of SAXS Profiles. NAR 2010.38 Suppl:W540-4

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