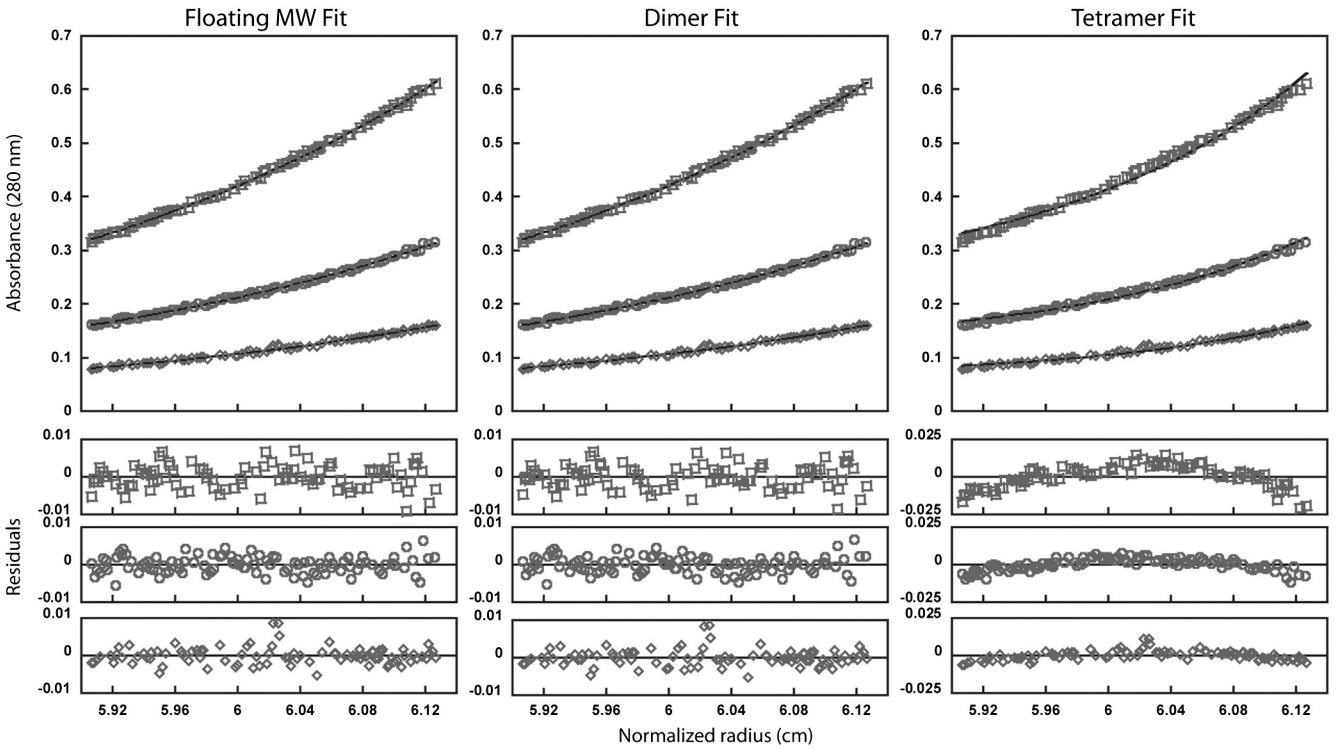

Fig. S6. Analytical equilibrium ultracentrifugation analyses of wt BST2(47–154)L70D. Equilibrium sedimentation distributions of BST2(47–154)L70D with reductant (4 mM TCEP). Corresponding residual differences are shown below. Rotor speeds for the data shown here were 12,000 rpm. Data sets were also collected at 16,000 rpm. Data were collected at three concentrations, and all of the data were globally fit to single species models in which the molecular weight was allowed to float (left panel; $MW_{obs} = 26{,}908$ Da), fixed as a dimer (middle panel; 25,554 Da) and fixed as a tetramer (right panel; 51,108 Da). Note that the reduced BST2(47–154) L70D protein is well fit by the dimer model.