SHIRAKASHI LAB.

[Measuring Water Retention for Conservation Engineering]

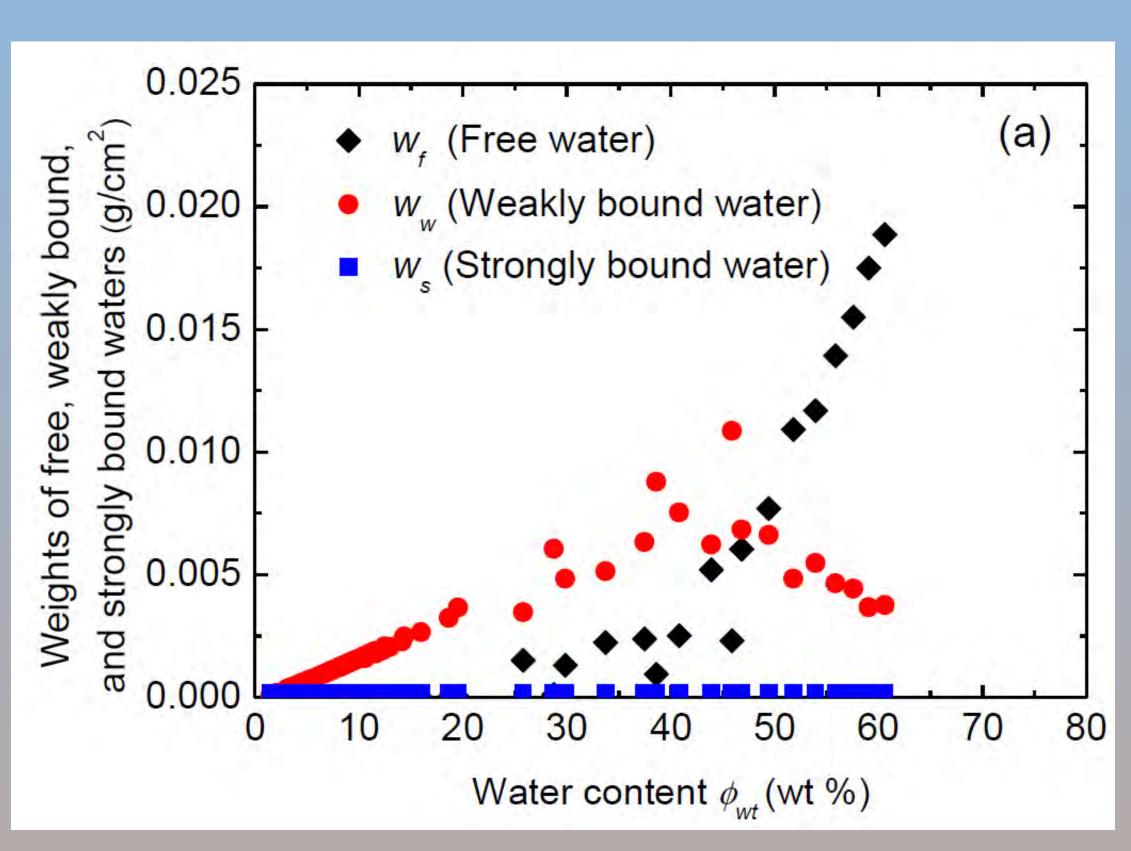
Department of Mechanical and Biofunctional Systems

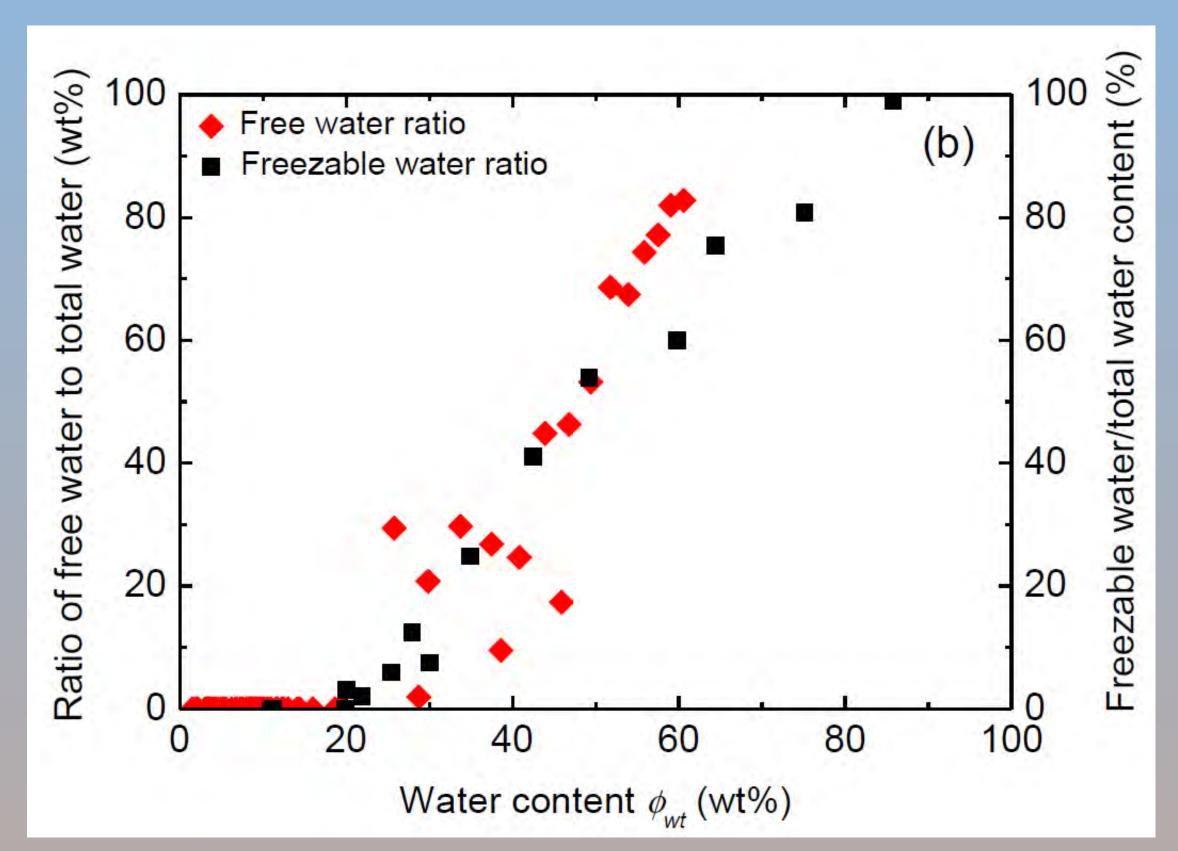
Phase Change Thermal Engineering

Department of Mechanical Engineering

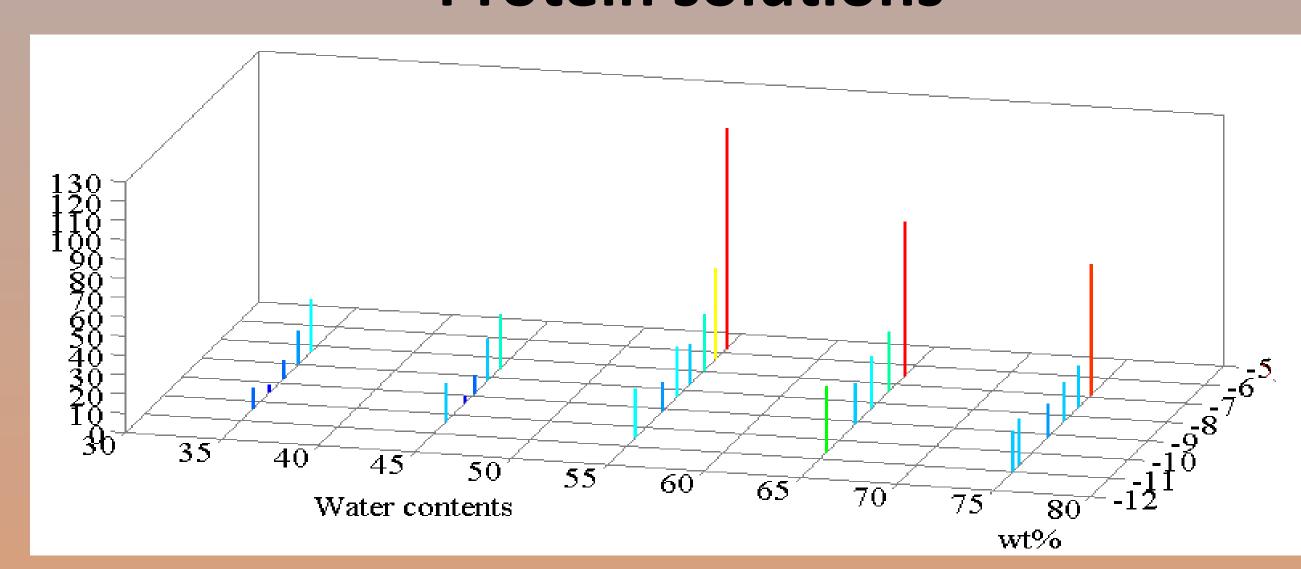
http://www.iis.u-tokyo.ac.jp/~aa21150

Freezability of Bound and Free water: Protein solutions



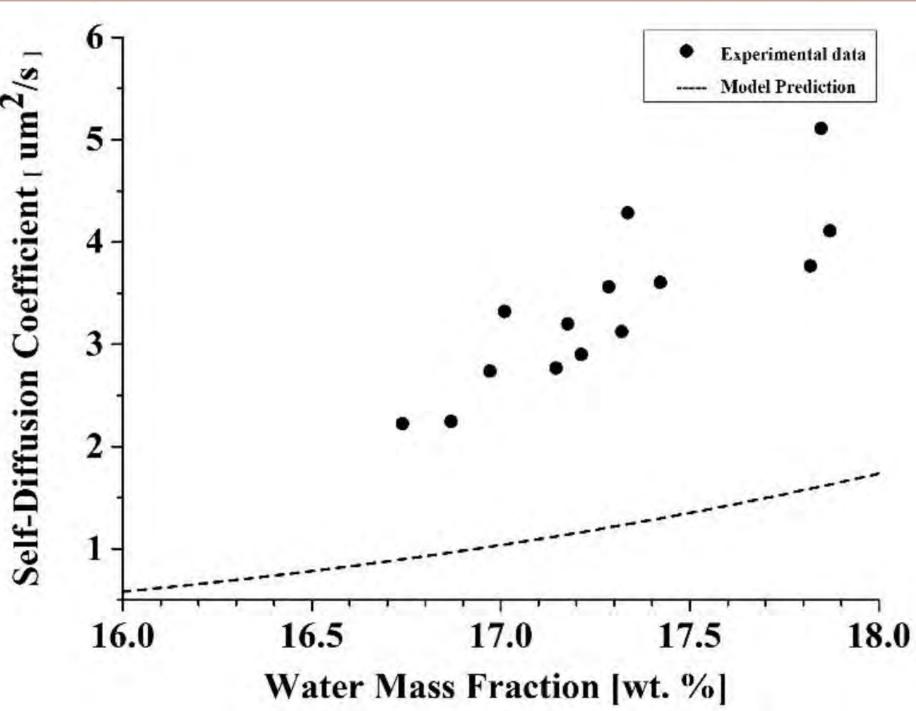


Relaxation time distribution of Water molecules: Protein solutions



Supersaturated solution of bioprotective solutions

Mutual diffusion coefficient:



Spontaneous combustion of Lignite and retained water

