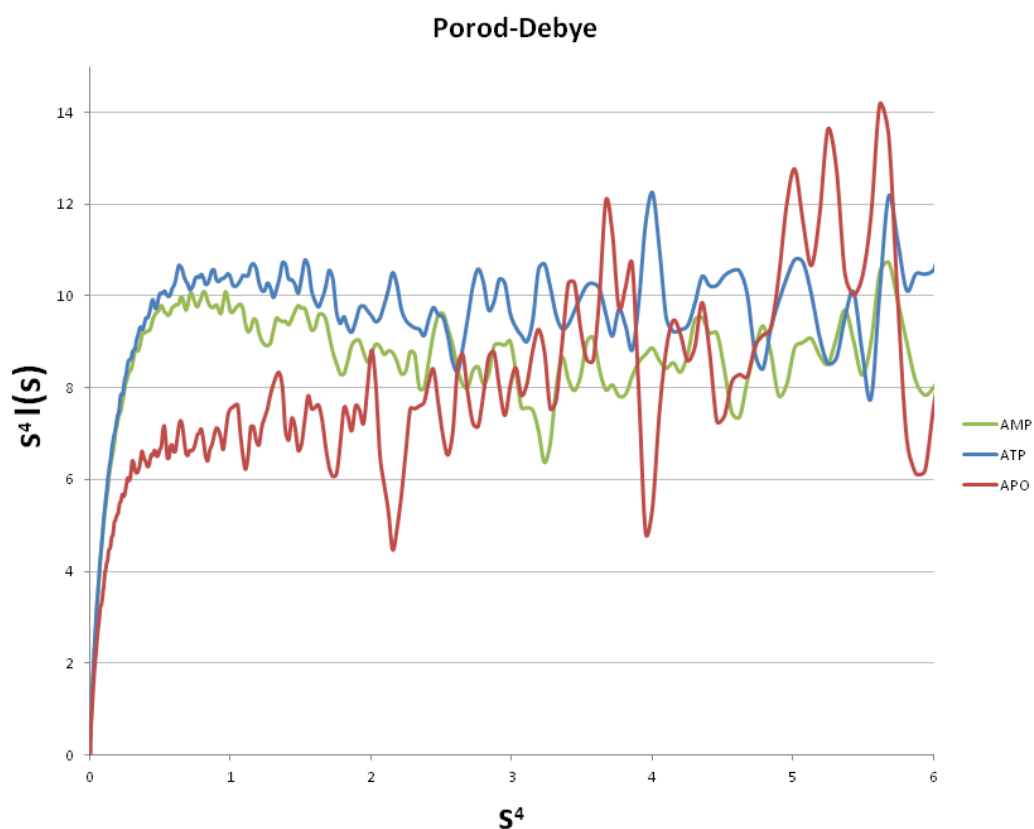


## Supplementary Material



**Supplementary Figure 1** Porod-Debye plots for the apo (red), ATP (blue) and AMP (green) forms of GH3.12. The Porod-Debye plots illustrate the loss of the Porod plateau in the apo state compared to ATP and AMP, suggesting enhanced flexibility of the apo versus ligand-bound states. Plots were calculated according to (Rambo & Tainer, 2011).