1. In general, is the effect of hydration on the I(q) more or less significant for a larger protein or a smaller protein? Why?

2. The dimensionless Kratky plot shows a peak of ~(1.75,1.1) for globular proteins. Would this peak change if the experimental data had a momentum

transfer of $s = \dfrac{2\sin(\theta)}{\lambda}$?

If so, what would be the peak?

3. What information can be obtained from a Kratky plot?

4. What information can be obtained from a P(r) curve?