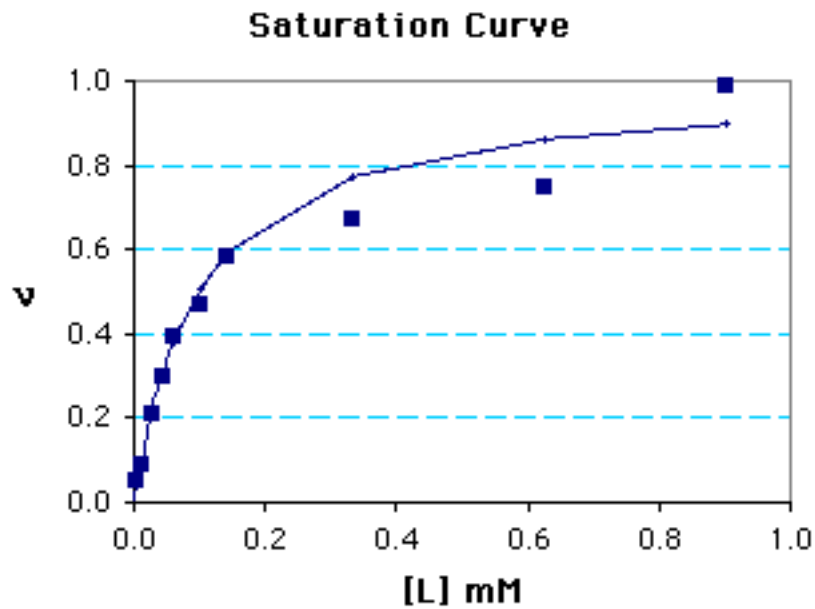


## Lecture 12 (Handout): Ligand Binding Measurements

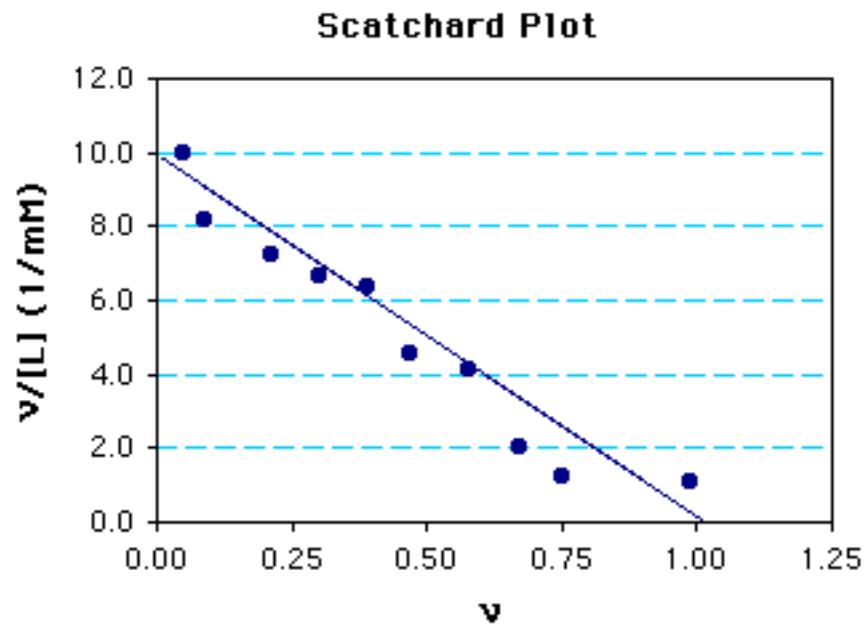
### C. Examples of Data Analysis

Experimental data, *e.g.* from an equilibrium dialysis experiment, can be analyzed to yield values for  $K_d$  and  $n$  in several ways. Computer programs are available that provide automated and objective estimates of these parameters. The processed data are then published in one or more of the following graphical formats:

1. Saturation Curve:  $v$  vs.  $[L]$ .



2. Scatchard Plot: single site ( $n = 1$ ).



3. Double Reciprocal Plot: single site ( $n = 1$ ).

