## Fluorescence Anisotropy Titration



Plot v/[L] vs v

## Scatchard Analysis



## Direct Fit Gives a Better Result



Back to Scatchard



• Note that the "data" are different





**Direct fit**  $K = 1.35 \pm 0.66 \mu M$ 

 $\begin{array}{l} A_{bound} = 0.312 \pm 0.012 \\ A_{unbound} = 0.087 \pm 0.040 \end{array}$ 

$$K = 1.0$$
$$A_{bound} = 0.3$$
$$A_{unbound} = 0.1$$

Weighted fit  $K = 0.75 \pm 0.20 \ \mu M$ n = 0.99 **Unweighted fit** K = 0.57  $\pm$  0.07  $\mu$ M n = 1.06

Fixed  $A_{bound} = 0.312$   $A_{unbound} = 0.087$