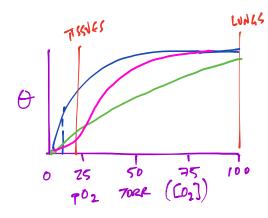
HOW DOES BODY TASPORT USYKEN?



$$\Delta \theta = \theta_2 - \theta_1$$

$$\Delta \theta = \frac{1}{1 + K_0 L_1} - \frac{1}{1 + K_0 / L_1}$$

$$= \frac{1}{1 + K_0 l_0} = \frac{1}{1 + K_0 l_{100}}$$

SHOW HEME (Fe(11) IS \$7; INDUCED DIPOLE) SIAN GOODSELL

START WITH STRUCTURE OF Mb - THINGS TO NOTE:

(PYMOL SCENE &) - & HELLIAL S

- A HELICAL STRUCTURE
- HEME BIADS 02
- FREST STRUCTURE SPERM WHALE

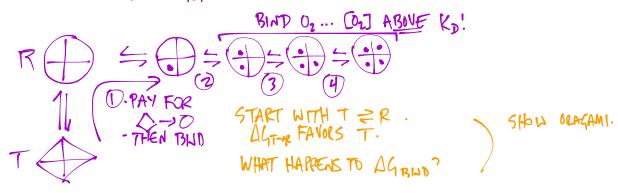
10%

OKAY. LETS LOWER AFFINITY A BIT.

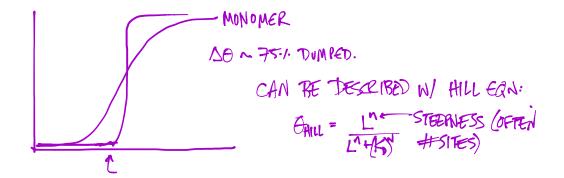
BEST KD = 45 TORR AD = 0.38

HOW CAN WE IMPONE DO? MAKE CURVE STEEPER.

Aby Do You To TANS? SMULTIPLE BLODAL STES => COURTETHEM TOGETHER



EVENTUALLY DARIND WILL BE MURE NEGATIVE THAN DATE AND SYSTEM WILL LOAD.



MOST IMPORTANT FACT ABOUT HIS US MIS BWOLLY CURVE? -STEEPER. RETTER LANDING AND UNLANDING

WHY DOES CURVE GET STEEPER?
-HARDER TO LOAD INITIALLY (TAKES HIGHER CO) TO BIND BECAUSE HAS TO PAY FOR T-IR TRANSITION), BUT AFTER THIS IS PAID HIS IS ABOVE KO AND COMPLETELY LOADS.

HON DOES BRG BINDING ALTER OZ LOADING AND UNUADING?
-BRG BINDS TO T, STASIUZING IT AND CANSING OZ AFFINITY TO GO DOWN.

