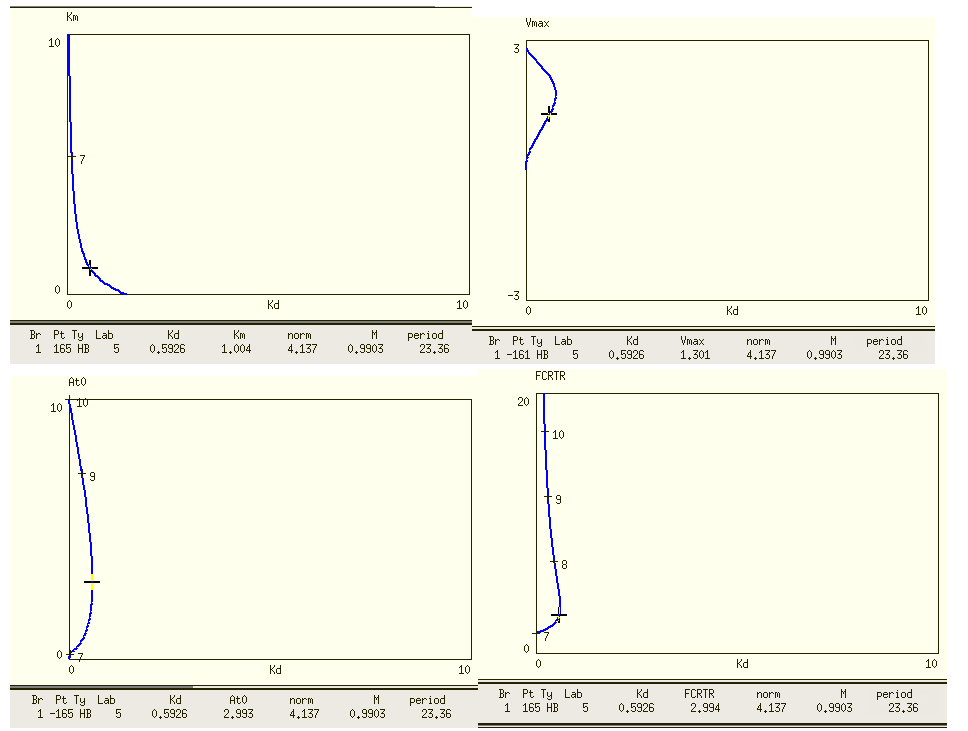
Choice of parameter for SNF 0M8 model

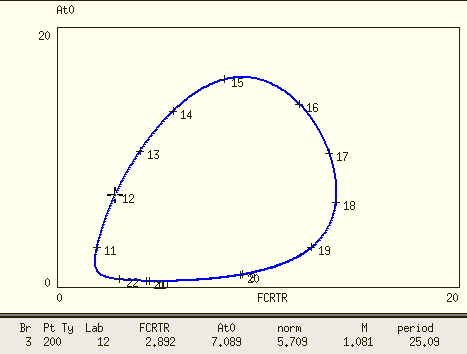
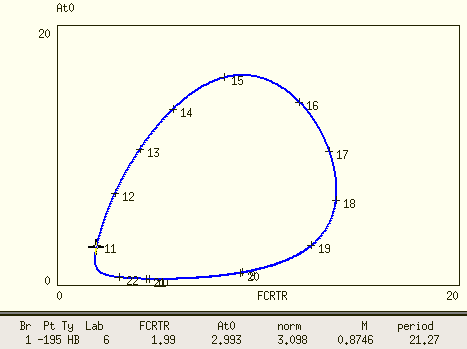
Maximum Kd calculated from the optimization with a constraint that Km>Kd

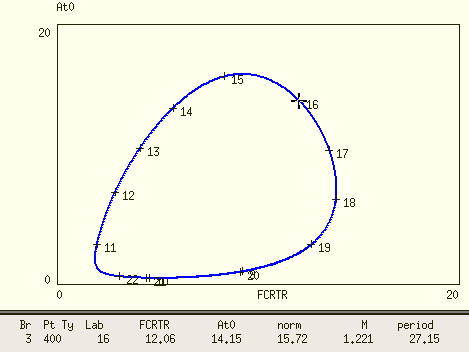
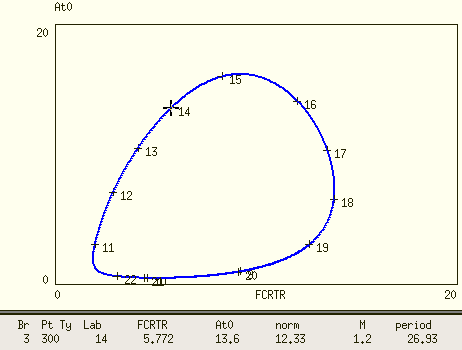
Kd = 0.5925671

At = 2.9925    alpha = 2.9935    Vmax=1.3010    Km=1.0043

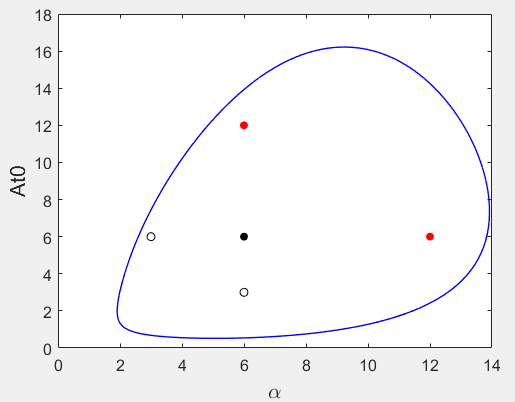


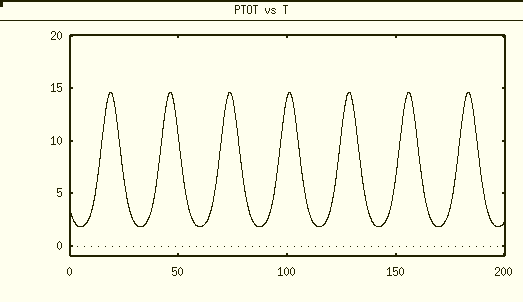
If choose Kd = 0.3, At0-alpha 2D bifurcation curve is shown below.





Based on these 4 points, I choose At0 = 6, FCRTR=6





Ptot = 15

P\* should be around 100nM/Ptot^\_max

P\* = 6.67 nM

Dimensional Kd ~ 0.3\*6.67 = 2