p3 is now a rapidly increasing function of scaffold
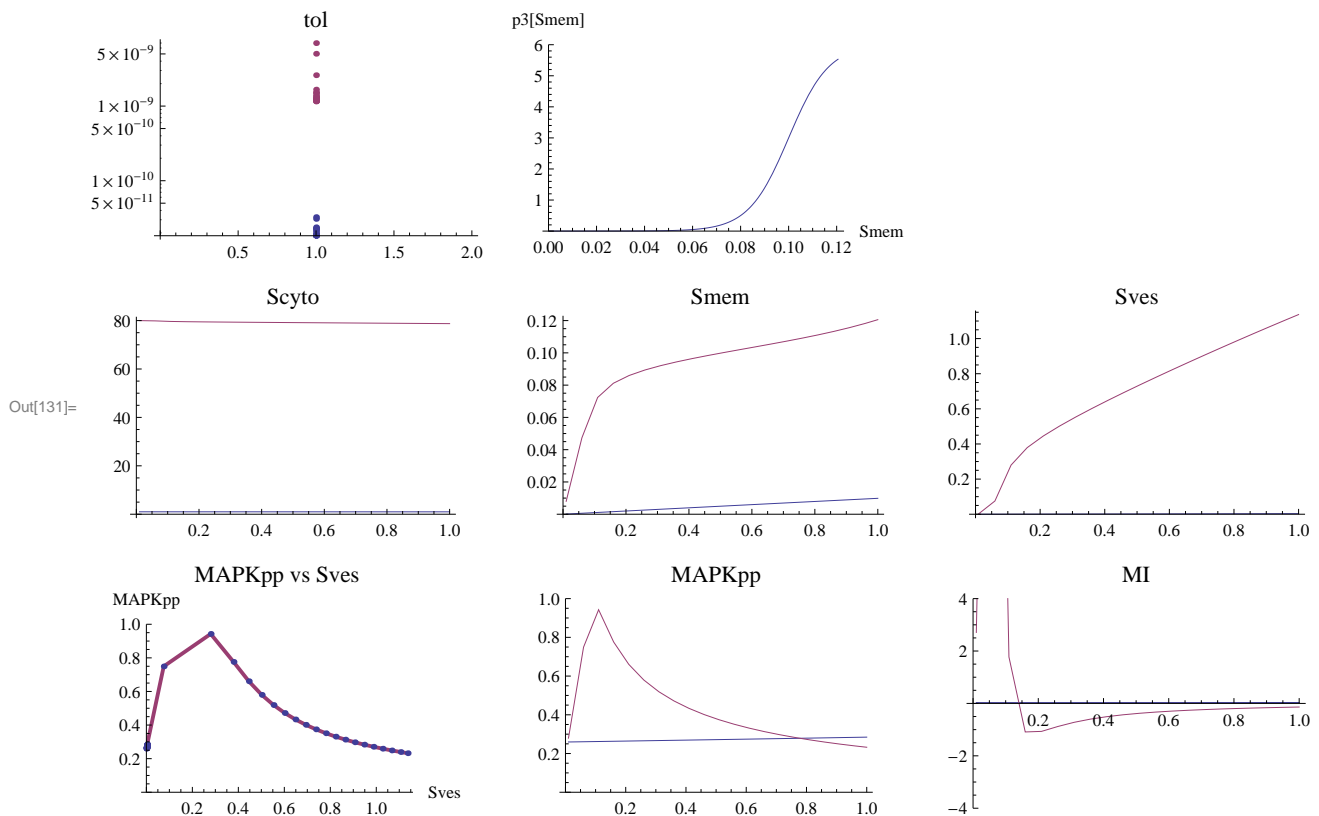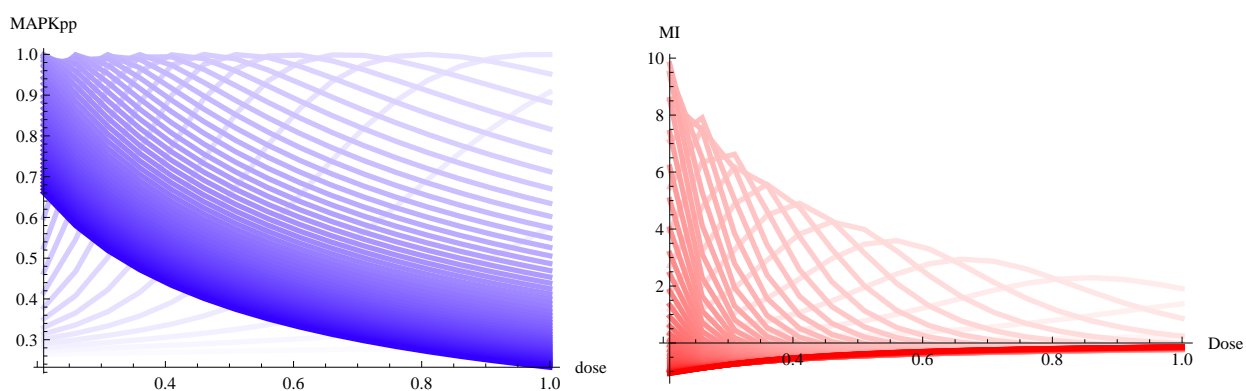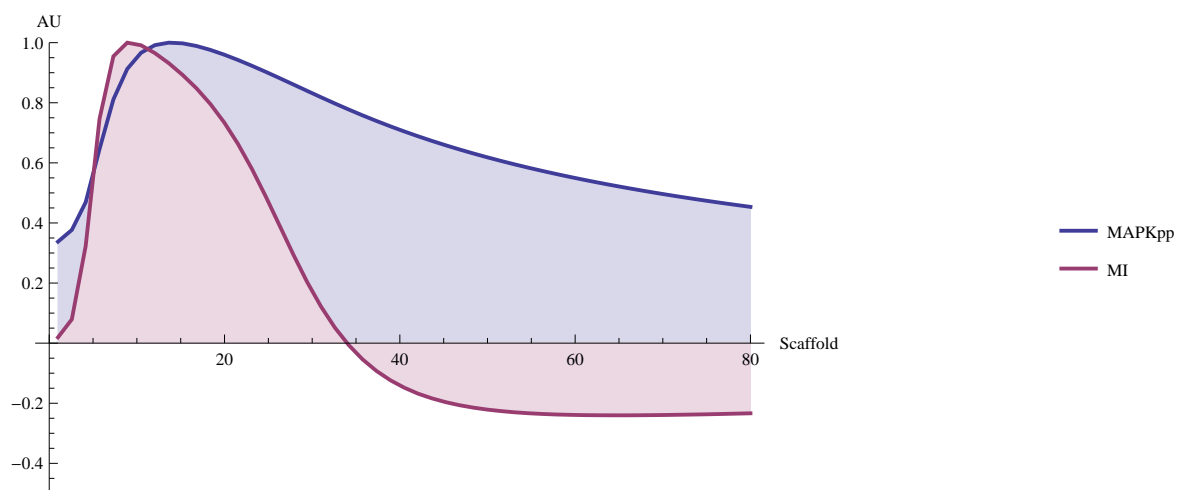(previously was decreasing to model chemorepulsion)
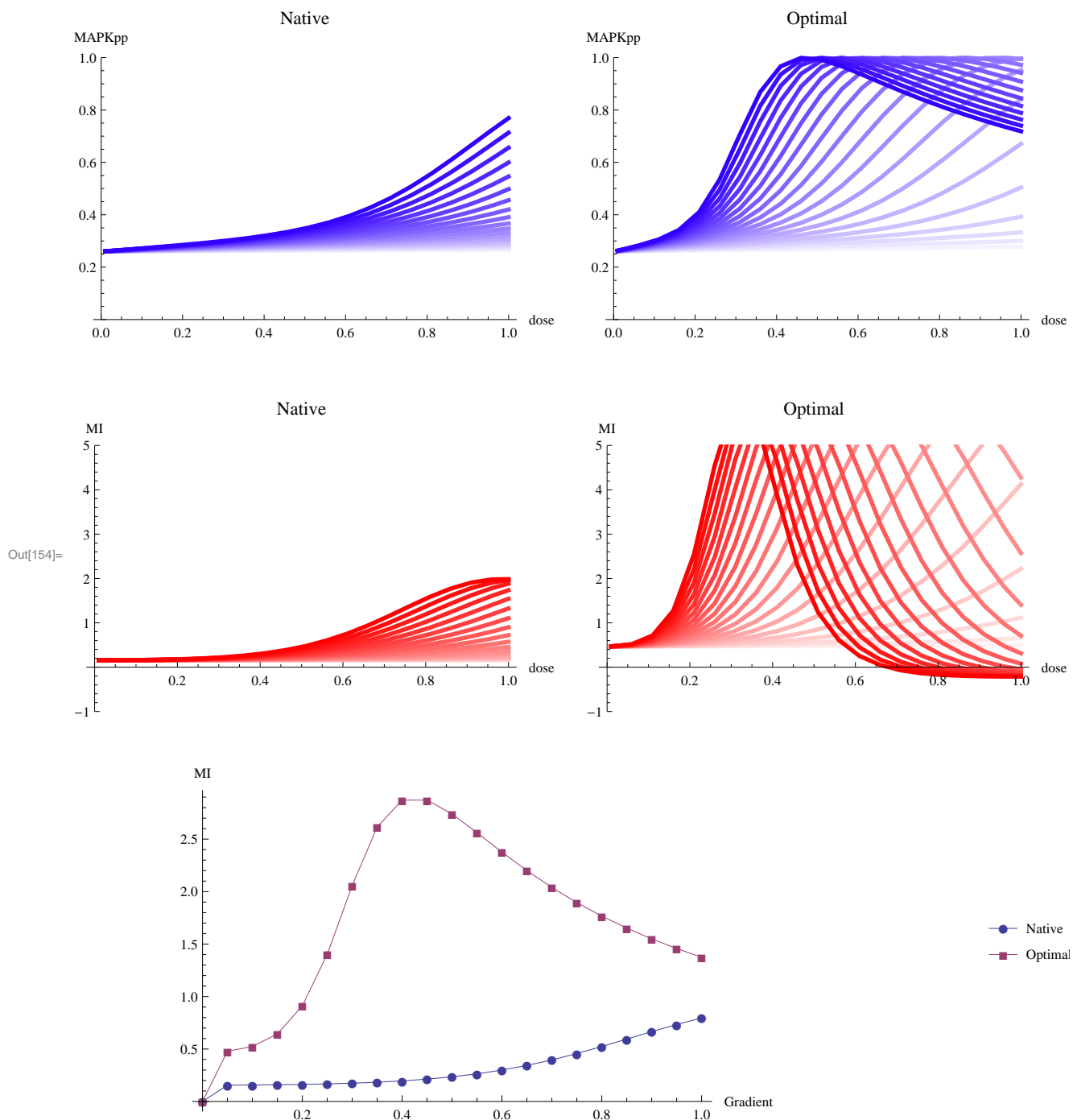this causes the overexpress case to jump rapidly across the bell curve without affecting the native case

Out[131]=

Varying scaffold expression continuously
Now MI peaks before MAPKpp
Bottom 20% of dose needed to be excluded
since it produces excessively high MI values

Out[152]=

Varying gradient for Native and Optimal levels of expression

Native

Optimal

Out[154]=

Native

Optimal

MI

Native

Optimal

This suggests that p3[s] may need to be a biphasic rate as well in order to model both the previous experiments and chemorepulsion at high dose/expression