.model LS840A NJF(Beta=1.07m Betatce=-.5 Rd=10 Rs=12 Lambda=6.75m Vto=-0.93 Vtotc=-2.5m Is=1.72f Xti=0 Cgd=1p M=0.5 Pb=0.8 Fc=0.5 Cgs=1p Kf=0 Af=1 Mfg=Linear_Systems)