go atlas simflags="-P 10"

.begin

Vg 1 0 pwl 0 0 10e-6 0 10.01e-6 20 22.51e-6 20 22.52e-6 0 24e-6 0 24.01e-6 20 26e-6 20 26.01e-6 0 27e-6 0

#

amos1 0=source 2=gate 3=drain infile=SiC\_MOS.str width=3968990

Rg1 1 2 20

amos2 3=source 6=gate 4=drain infile=SiC\_MOS.str width=3968990

Rg2 5 6 20

c 4 0 42.3u

Vds 4 0 800

L1 4 3 1mH

#

.numeric lte=0.3 toltr=1.e-4 vchange=2 IMAXDC=1000

.options print relpot write=300

.save tsave=22.5us

.save tsave=22.515us

.save tsave=23us

.save tsave=24.005us

.save tsave=25us

.log outfile=vdmos

.save master=vdmos\_fwd

.tran 50ns 28us

.end

models device=amos1 temp=300 CVT analytic conmob fldmob srh auger fermi optr bgn print

models device=amos2 temp=300 CVT analytic conmob fldmob srh auger fermi optr bgn print

impact device=amos1 selb gradqfl

impact device=amos2 selb gradqfl

go atlas simflags="-P 10"

tonyplot vdmos\_tr.log

quit