

ngspice

```
.options gmin=1e-15 abstol=10f
.option savecurrents
vss vss 0 0
vpref vref 0 60
Vin in vref dc 0 ac 0.25 sin(0 55 1)
.control
save all
op
write DPI_neuron.op.raw
*dc vpressure 0.01 120 0.1
tran 10u 2
write DPI_neuron.raw
wrdata spikes_DPI.csv all.vmem
wrdata pressure_DPI.csv all.Input
*plot -all.Vres/all.Vres#branch
plot v(in)
plot Vmeas#branch
plot Vineuron#branch
plot Vmeas#branch/Vineuron#branch
plot vmem Vna Vk
*plot all.vdd_meas#branch*all.vdd
.endc
```

TT_MODELS

