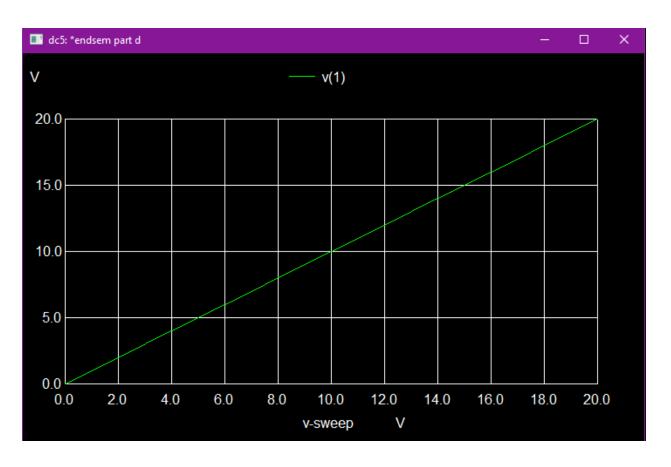
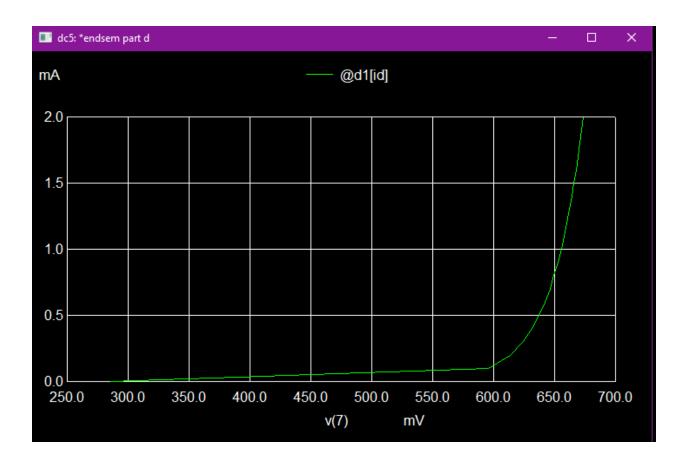
Netlist:

```
*Endsem Part D
.include ua741.txt
Vin 1 0 dc=0
.dc Vin 0 20 1
Vcc 4 0 dc 15v
Vee 5 0 dc -15v
X1 2 3 4 5 6 UA741
d1 7 0 D1N750
R1 1 2 10k
R2 2 6 10k
R3 3 0 10k
R4 3 6 10k
RL 2 7 1k
.model D1N750 D(Vj=.75 Cjo=175p Rs=.25 Eg=1.11 M=.5516 Nbv=1.6989 N=1 Bv=8.1 Fc=.5
lkf=0 lbv=20.245m)
.save all @d1[id]
.control
run
plot @d1[id] vs v(7)
plot v(1)
.endc
.end
```



Input Voltage graph



Diode Current vs Diode Voltage

