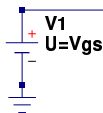


**dc simulation**

DC1



$I_{ds}$

V2  
U=Vds

**Parameter sweep**

SW1  
Sim=SW2  
Type=lin  
Param=Vds  
Start=1  
Stop=11  
Points=6

**Parameter sweep**

SW2  
Sim=DC1  
Type=lin  
Param=Vgs  
Start=-3  
Stop=0  
Points=41

MESFET1  
LEVEL=5  
Vto=-1.8  
Beta=3e-3  
Alpha=2.25  
Lambda=0.05  
B=1e-9  
Qp=2.0  
Delta=0.1  
Vmax=0.5  
Vdelta1=0.3  
Vdelta2=0.2  
Gamma=0.015  
Cgd=0.2e-12  
Cgs=1e-12  
Cds=1e-12  
Ng=1  
Nd=-0.19  
QLEVELS=3  
QLEVELD=3  
Rg=5.1  
Rd=1.3  
Rs=1.3

