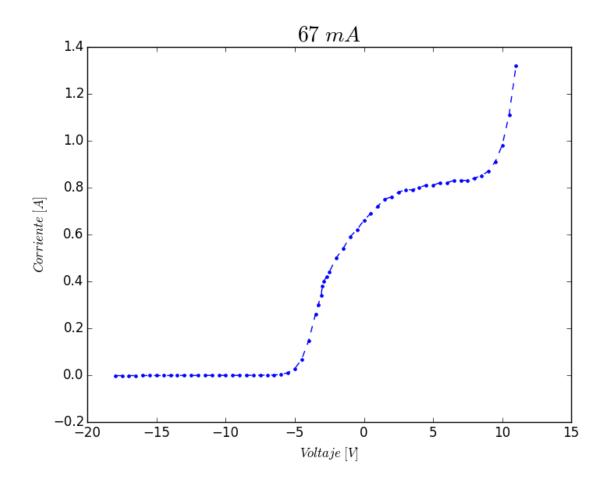
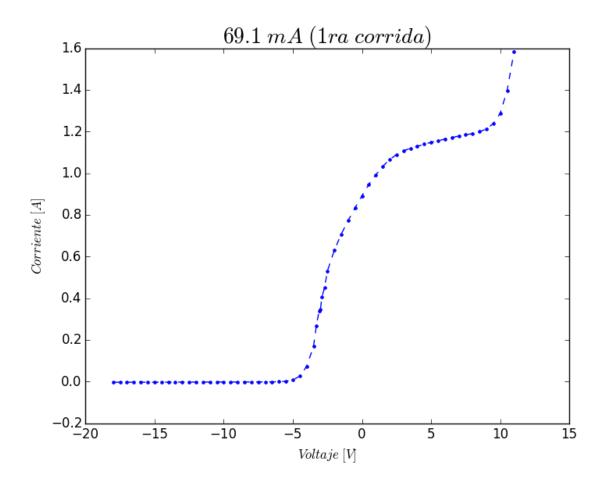
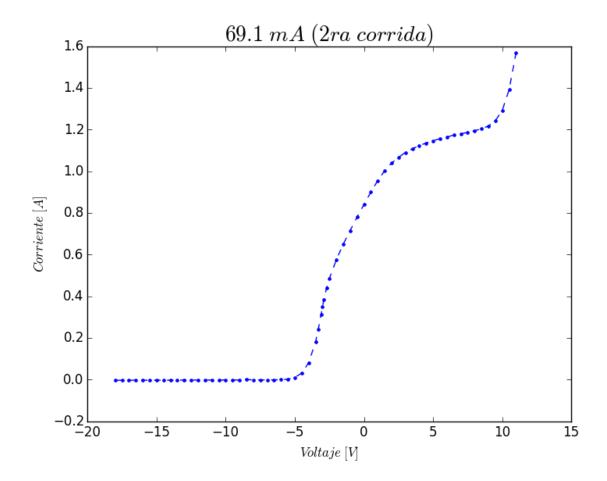
Plasmas

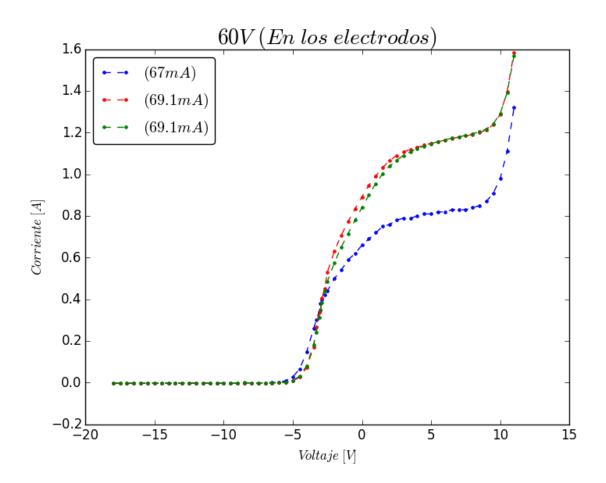
September 19, 2015

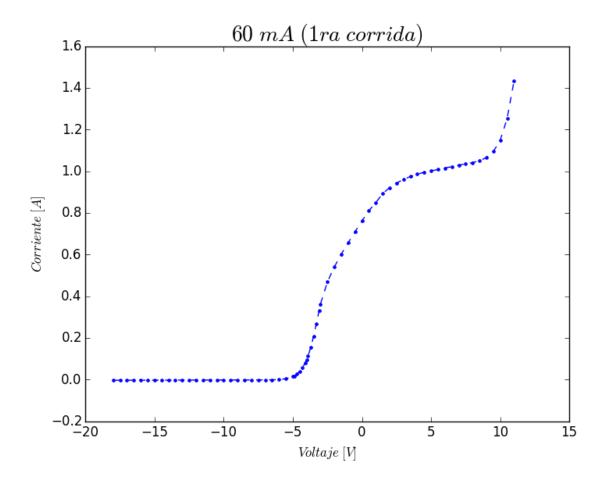
```
In [1]: using PyPlot
INFO: Loading help data...
In [31]: sixtyV = readdlm("60V.dat")
          sixtymA=readdlm("60mA.dat")
          fiftymA=readdlm("50mA.dat")
          fourtymA=readdlm("40mA.dat");
In [32]: V1=zeros(63)
          I1=zeros(63)
          for i in 1:63
               V1[i]=sixtyV[i,1]
               I1[i]=sixtyV[i,2]
          end
          plot(V1,I1,"b.--")
          \texttt{title}(\texttt{L"67} \ \backslash \ \texttt{mA} \ \texttt{",size=20})
          xlabel(L"Voltaje \ [V]")
          ylabel(L"Corriente \ [A]");
```

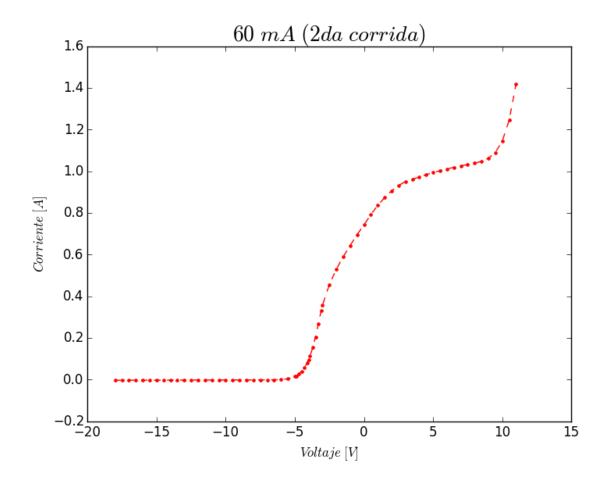


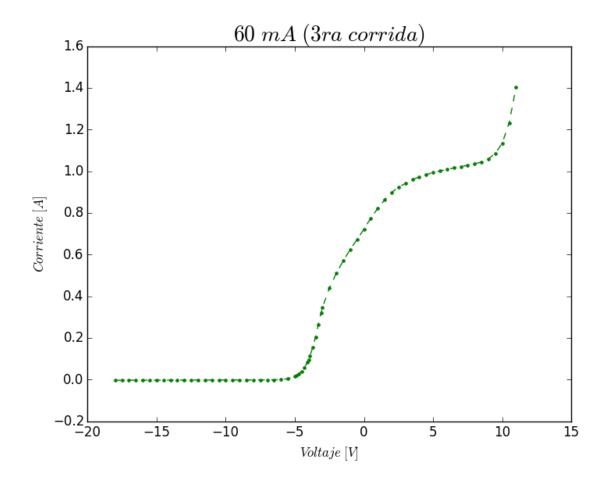




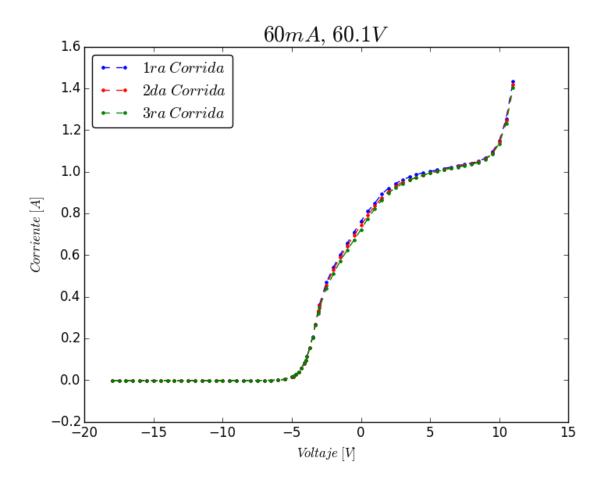


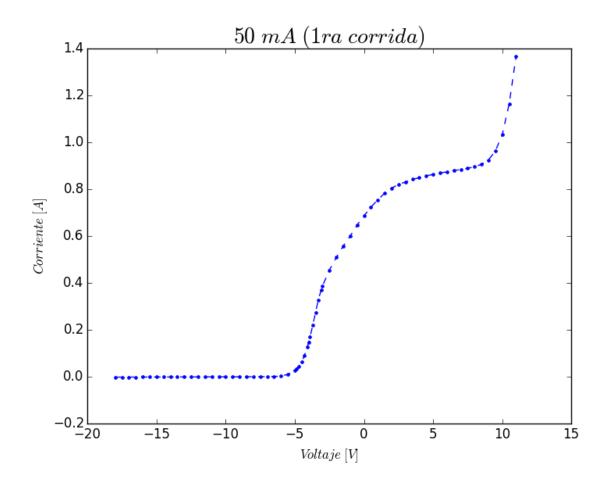


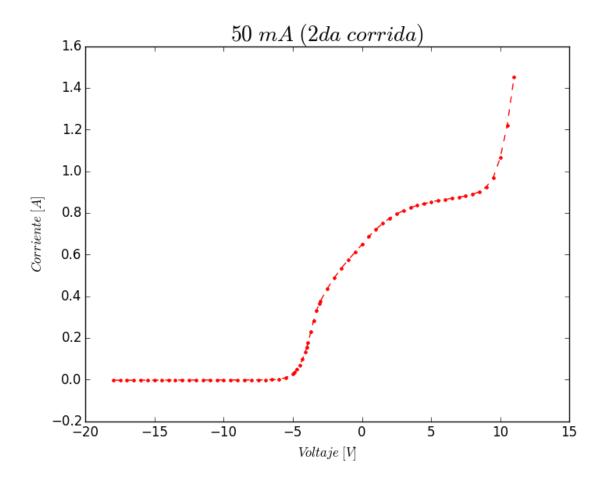


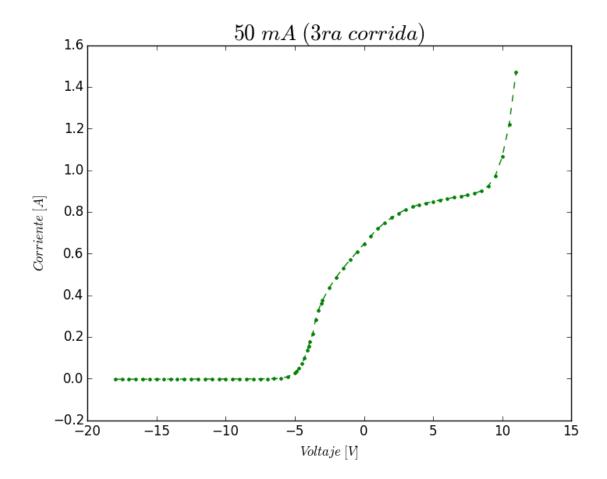


```
In [39]: plot(V1,I1,"b.--",label=L"1ra \ Corrida")
        plot(V2,I2,"r.--",label=L"2da \ Corrida")
        plot(V3,I3,"g.--",label=L"3ra \ Corrida")
        legend(loc="best",fancybox="true")
        title(L"60mA, \ 60.1V ",size=20)
        xlabel(L"Voltaje \ [V]")
        ylabel(L"Corriente \ [A]");
```

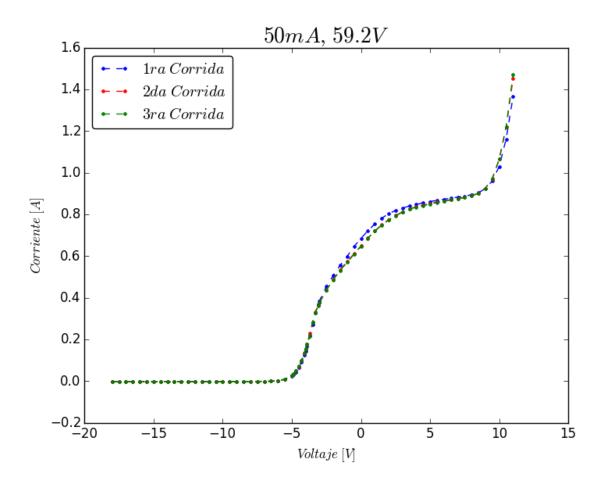


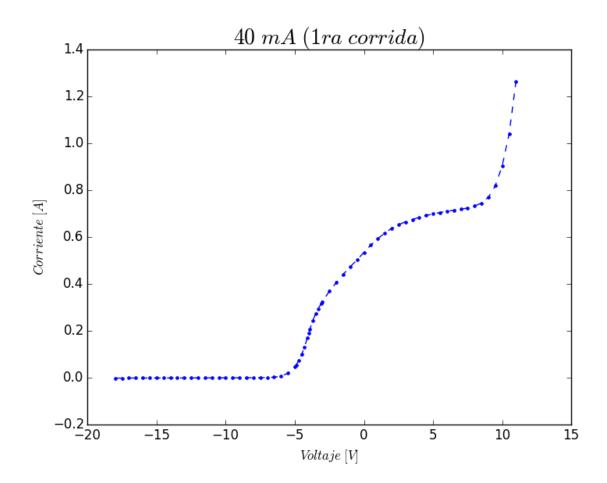


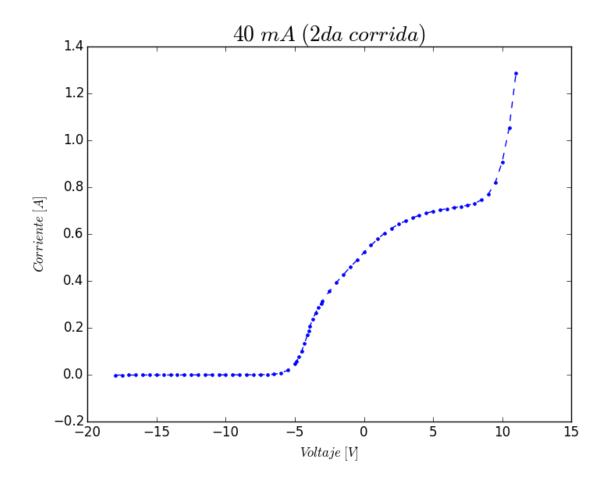


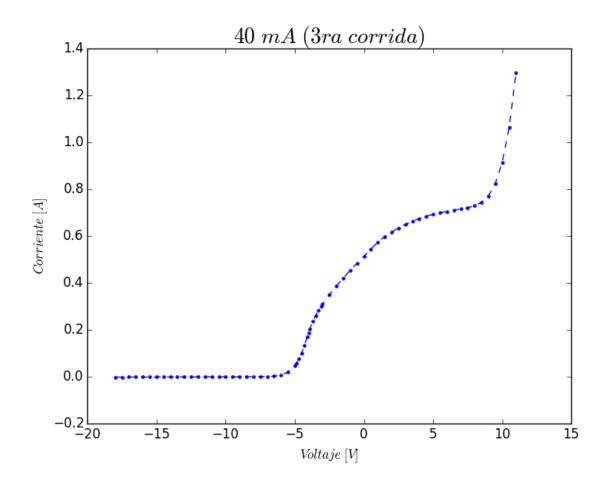


```
In [43]: plot(V1,I1,"b.--",label=L"1ra \ Corrida")
        plot(V2,I2,"r.--",label=L"2da \ Corrida")
        plot(V3,I3,"g.--",label=L"3ra \ Corrida")
        legend(loc="best",fancybox="true")
        title(L"50mA, \ 59.2V ",size=20)
        xlabel(L"Voltaje \ [V]")
        ylabel(L"Corriente \ [A]");
```

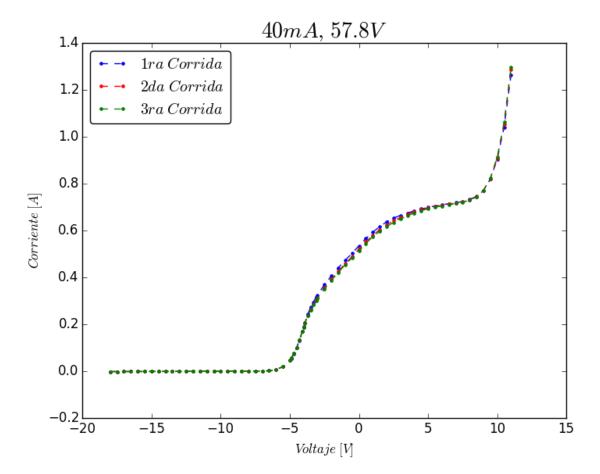








```
In [49]: plot(V1,I1,"b.--",label=L"1ra \ Corrida")
        plot(V2,I2,"r.--",label=L"2da \ Corrida")
        plot(V3,I3,"g.--",label=L"3ra \ Corrida")
        legend(loc="best",fancybox="true")
        title(L"40mA, \ 57.8V ",size=20)
        xlabel(L"Voltaje \ [V]")
        ylabel(L"Corriente \ [A]");
```



In []: