

---

Subject: Different scales in the same plot

Posted by [caitouer](#) on Thu, 02 Jun 2005 21:02:08 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi, guys,

I just wonder if anyone tried to plot several scales in the same plot.

For example, plot two arrays with range [0,100] and [500,2000].

Moreover, mark the values on the left and right respectively if possible. Right now I multiplied the second array by 0.1 first and then subtracted by 50. There might be a better way to do this...

```
x=[0,1,2,3,4]
```

```
a=[50,59,46,29,30]
```

```
b=0.1*[728,1061,1382,1620,1630]-50
```

```
PLOT,x,a,yrange=[20,150]
```

```
OPLOT,x,b
```

Thanks a lot,

Caitouer

---