

---

Subject: Re: Variable y-axis sizes in multiplot/ladder?  
Posted by [David Fanning](#) on Mon, 07 Jul 2003 17:10:37 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Lisa K writes:

> I am trying to make a plot like:

>  
>  
> -----  
> y-axis1 | plot 1  
> |  
> -----  
> |  
> |  
> |  
> |  
> |  
> y-axis2 | plot 2  
> |  
> |  
> |  
> |  
> |  
> -----  
> x-axis

>  
> I have been using multiplot, but it makes the height of the y-axis1 =  
> y-axis2, so that plot 1 and plot 2 are the same size. I'd like to  
> save space and make y-axis1 smaller than y-axis2. Is there a way of  
> doing this with multiplot or ladder? I'm looking in the multiplot  
> source code, and am not sure which parameter I would need to change  
> (if possible). Any help would be greatly appreciated!!

Forget !P.Multi. Try something like this:

```
Plot, RandomU(seed, 10) * 10, XStyle=9, $  
  Position=[0.15, 0.15, 0.9, 0.65]  
Plot, RandomU(seed, 10) * 10, XStyle=1, $  
  Position=[0.15, 0.67, 0.9, 0.90], $  
  /NoErase, XTickformat='(A1)'  
Plots, [0.15, 0.15], [0.65, 0.67], /Normal  
Plots, [0.90, 0.90], [0.65, 0.67], /Normal
```

Cheers,

David

--

David W. Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Phone: 970-221-0438, E-mail: [david@dfanning.com](mailto:david@dfanning.com)  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Toll-Free IDL Book Orders: 1-888-461-0155

---