

---

Subject: Re: Multiple image plots in postscript  
Posted by [thompson](#) on Wed, 17 Mar 1993 16:46:19 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

[jdlb@kukui.ifa.hawaii.edu](mailto:jdlb@kukui.ifa.hawaii.edu) (J-F Pitot de La Beaujardiere) writes:

> kevin@dipl.rdd.lmsc.lockheed.com (Kevin Anderson) writes:

>> Does anybody know how to put multiple image plots on 1  
>> page in postscript using pwave CL?  
>> [...]  
>> The only way I have discovered to get multiple image plots  
>> on the same postscript page is to use the position parameter  
>> when calling tv or tvscl, but now the problem is the images  
>> are again scaled to the entire size of the plot area.

> Because PostScript has scalable pixels, you must specify the xsize and  
> ysize parameters, as well as the position parameter, in TV or TVSCL.  
> I don't know about PV-Wave, but the following works in IDL:

> ; Display four images in a 2x2 grid  
> ; Assume data(x,y,4) = array containing the 4 images

```
> set_plot, 'ps'      ;request PostScript output
> device, ...        ;modify page size, orientation, etc. as desired
> ximsize = 0.5*d.x_size ;define output image size
> yimsize = 0.5*d.y_size ;note: 0.5 assumes 2x2 grid
> for i=0,3 do begin   ;display the 4 images, using i as position index
>   tv, data(*,*,i), i, xsize=ximsize, ysize=yimsize
> endfor
```

> Hope this helps,
> Jeff

```
>      % Jeff de La Beaujardiere % jdlb@mamane.ifa.hawaii.edu %
>      % Institute for Astronomy %     808-956-9843    %
>      % University of Hawai'i %     fax 956-9402    %
```

This sounds like another one for the new FAQ.

Bill Thompson

---