
Subject: question about plot contours over a color figure

Posted by [yinghui](#) on Thu, 01 Jun 2006 22:20:16 GMT

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Hi:

I want to plot the confidence level contours over a color figures in a PS file.

I have no problem to plot the color figures in the PS file, using
tv,sdata,x0,y0,xsize=xsize,ysize=ysize,/normal ;;sdata is the data I
used to plot the figure plot.

here x0=y0=0.1, xsize=ysize=0.7

But when I want to add the contours on the same plot, I add one line
after the TV command, as

```
contour,tempc,x,y,max_value=100.,min_value=0.,levels=[80.,90.,95.],  
$  
  c_labels=[1,1,1],c_colors=[1,0,1],position=[0.1,0.1,0.8,0.8] ,  
  $  
  c_charsize=1.,c_charthick=1.5,c_thick=1.5,xstyle=5,ystyle=5,  
  $  
/overplot      ;tempc is the confidence level data
```

No contours come up, or sometimes in a small area at the corner of the
window.

I put this line before TV, the contours do not come up for the color
figure covers the contour lines.

But if I keep the contour command after the TV command, and add almost
the same contour line before the TV line, as

```
contour,tempc,x,y,max_value=100.,min_value=0.,levels=[80.,90.,95.], $  
  
  c_labels=[1,1,1],c_colors=[1,0,1],position=[0.1,0.1,0.8,0.8] ,  
  $  
  c_charsize=1.,c_charthick=1.5,c_thick=1.5,xstyle=5,ystyle=5,  
  $  
/noerase
```

The contours come up as I wanted.

I am wondering what is wrong here, why I need two contour lines
commands to get the contour lines come up?

Thanks

yinghui
