
Subject: PLOTs with colour regions

Posted by [philaldis](#) on Mon, 22 Mar 1999 08:00:00 GMT

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I was wondering if people have had to do this in the past, and so have written something to do it.

I'm wanting to plot some data, and at a certain threshold value, the line colour must turn from being say white to red. That is to say I don't just want to plot the data points above the threshold in red and those below in white, I also want the connecting lines to be a different colour as well.

The only way I could do it is as follows:

```
PLOT, data, /NODATA, POSITION=[0.2,0.2,0.8,0.8], yrange=[-4,4],  
ystyle=1
```

```
PLOT, data, /NOERASE, yrange=[0,4], ystyle=5,  
POSITION=[0.2,0.5,0.8,0.8], COLOR=130, xstyle=4
```

```
PLOT, data, /NOERASE, yrange=[-4,0], ystyle=5,  
POSITION=[0.2,0.2,0.8,0.5], COLOR=255, xstyle=4
```

.....or something roughly like that - I'm trying desperately to remember the commands.

Anyway that's a bit messy really to hev in a general format and I was wondering if anyone's got a better way or has done it before?

Cheers,
Phil
