
Subject: Re: PV-Wave plotting adventures

Posted by [Liam Gumley](#) on Wed, 02 Jun 1999 07:00:00 GMT

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Martin LUETHI GL A8.1 2-4092 wrote:

> Here is a little caveat for all users of PV-Wave plotting routines (I hope
> this is fixed in IDL!). The errors appeared in PV-WAVE v6.10 (Solaris) but as
> far as I remember were in all earlier versions (however I did not fully
> realize the reason of this sometimes strange behaviour...)
[examples deleted]

The following example produces interesting results in IDL 5.2:

```
window,/free,xs=500,ys=800
!p.multi=[0,1,3,0,0]
!p.charsize=2.0
dx=1.0d-4
plot,[0],[0],xrange=[x0,x0+dx],yrange=[x0,x0+dx],xstyle=1,ys tyle=1
dx=1.0d-3
plot,[0],[0],xrange=[x0,x0+dx],yrange=[x0,x0+dx],xstyle=1,ys tyle=1
dx=1.0d-2
plot,[0],[0],xrange=[x0,x0+dx],yrange=[x0,x0+dx],xstyle=1,ys tyle=1
```

The non-uniform tick spacing on the Y axis of the middle plot is quite novel.

Cheers,
Liam.

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