
Subject: Re: Different scales in the same plot
Posted by [savoie](#) on Thu, 02 Jun 2005 22:29:54 GMT
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"caitouer" <caitouer@yahoo.com> writes:

> Hi, guys,
> I just wonder if anyone tried to plot several scales in the same plot.
> For example, plot two arrays with range [0,100] and [500,2000].
<snip/>
> There might be a better way to do this...
>
> <almost working code removed>
>
> Thanks a lot,
> Caitouer

;; I believe you are looking for the /noerase, and [xy]style keywords in
;; conjunction with the axis function

```
pro try_this
  x = [ 0, 1, 2, 3, 4 ]
  a = [ 50, 59, 46, 29, 30 ]
  b = [ 728, 1061, 1382, 1620, 1630 ]
  PLOT, x, a, yrange = [ 20, 150 ], ystyle = 8, XMARGIN=[ 10, 10 ], xstyle = 1
  PLOT, x, b, yrange = [ 700, 1700 ], /NOERASE, ystyle = 4, $
    xstyle = 1, XMARGIN=[ 10, 10 ]
  axis, /YAXIS
end
```

See the manual for [xy]style graphics keyword and axis functions.

Hope this helps.

Matt

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