
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

--

Matthew Savoie - Scientific Programmer
National Snow and Ice Data Center
(303) 735-0785 <http://nsidc.org>

Subject: Re: Different scales in the same plot
Posted by [Thomas Pfaff](#) on Mon, 06 Jun 2005 11:13:18 GMT
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savoie@nsidc.org schrieb:

> "caitouer" <caitouer@yahoo.com> writes:

>

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> axis, /YAXIS

> end

>

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

>

>

> Hope this helps.

>

> Matt

>

>

>

Just curious,

do you know how to do the same trick with iTools?

Cheers,

Thomas

Subject: Re: Different scales in the same plot
Posted by [caitouer](#) on Thu, 09 Jun 2005 15:22:18 GMT
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It works. Thanks a lot. :)

savoie@nsidc.org wrote:

> "caitouer" <caitouer@yahoo.com> writes:

>

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>> I just wonder if anyone tried to plot several scales in the same plot.

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> Hope this helps.

>

> Matt
>
>
>
> --
> Matthew Savoie - Scientific Programmer
> National Snow and Ice Data Center
> (303) 735-0785 <http://nsidc.org>

Subject: Re: Different scales in the same plot
Posted by [Leif-Ronny Isaksen](#) on Sun, 26 Jun 2005 07:50:54 GMT
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Pfaff. How about some OpenGL code soon? Time to go back to our morphin dotted vectors again ye?

Leif-Ronny

(if you dont know who I am, ignore)

Thomas Pfaff wrote:

```
> savoie@nsidc.org schrieb:
>> "caitouer" <caitouer@yahoo.com> writes:
>>
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>> Matt
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> Cheers,
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>
> Thomas
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