
Subject: Re: Y-Axis: Negative numbers on top
Posted by [deutsch](#) on Tue, 30 Nov 1993 21:14:51 GMT
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In article 301193095555@bundy.aero.org, Ann_Mazuk@qmail2.aero.org (Ann Mazuk) writes:

> I am running IDL 3.1.0 using VAX/VMS. I am making a plot and on the y-axis
> I want negative numbers to be near the top of the y-axis and positive
> numbers to be near the bottom of the y-axis, such that it looks similar to
> this:

>
>
> -3 |
> -2 |
> -1 |
> 0 |
> 1 |
> 2 |_____

> 1 2 3 4 5 6 7 8 9 10

The initial solution is simply to use something like:

IDL> plot,indgen(10)-8,yrange=[2,-10]

The tricky part comes when you want to have automatic Y scaling and have it reversed. An ugly solution is:

IDL> plot,indgen(10)-8
IDL> plot,indgen(10)-8,yr=[!y.crange([1,0])]

Anyone have a better solution?

Eric

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Subject: Re: Y-Axis: Negative numbers on top
Posted by [Ann_Mazuk](#) on Tue, 30 Nov 1993 23:13:21 GMT
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In article <2dgd4b\$1t6@news.u.washington.edu>, deutsch@astro.washington.edu
(Eric Deutsch) wrote:

Ann_Mazuk@qmail2.aero.org

El Segundo, CA

SPAN: DIRAC2::AMAZUK

Boring Disclaimer: These opinions are my own!

Zak! Don't eat parsley! Just for looks!

Subject: Re: Y-Axis: Negative numbers on top

Posted by [landers](#) on Wed, 01 Dec 1993 23:00:41 GMT

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Gee, I don't know about IDL, but in PV-WAVE you just use something like

PLOT, stuff, YRANGE=[1,-9], etc...
