Subject: Re: show a lifted y-axis Posted by santorofer on Thu, 05 Apr 2012 23:07:12 GMT

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Hi Zhang,

Please, take a look at the IDL help system. In it you will see that:

## **CRANGE**

The output axis range. Setting this variable has no effect; set ![XYZ].RANGE to change the range. ![XYZ].CRANGE[0]) always contains the minimum axis value, and ![XYZ].CRANGE[1] contains the maximum axis value of the last plot before extending the axes.

Try setting the !y.range instead. Though, I'm not sure what you would like to do exactly: what do you mean by "this yaxis is showing in the upper space and others are showing in the lower space"?

Cheers, Fernando

On Thursday, March 29, 2012 11:52:12 AM UTC-6, Zhang Bo wrote:

> Dear IDLers,

>

- > I want to lift the start point of y-axis so that this yaxis is showing
- > in the upper space and others are showing in the lower space. I know
- > this can be down by set a lower yrange and squeeze the data to the
- > upper space, but data such as relative humidity, doesn't have negative
- > values and it won't be appropriate to show that on the y-axis. I
- > expect set the !y,cragne(0)+.5 would work, but no.

>

- > axis, /yaxis, /save, !x,cragne(0)+.5, !y,cragne(0)+.5, yrange =
- > [0,100], ytitle = 'RH'

>

> any idea? and what "!y,cragne(0)" can do for a y-axis?