
Subject: Re: Contour labels in IDL 8.0

Posted by [louiesun2016](#) on Wed, 28 Sep 2016 18:24:10 GMT

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On Thursday, August 18, 2016 at 7:00:55 AM UTC-7, Brian McNoldy wrote:

> This is still confounding me... I cannot get the contour labels to appear upright on a reversed y axis, nor can I get contour labels to appear undistorted on a log axis. And unfortunately, my plots involve BOTH (my y axis is atmospheric pressure), and I can't get anything that is acceptable to use (see example in previous post).

>

> Is this a bug in the CONTOUR function, or am I not doing something correctly? Here is the essence of my code:

>

> c1=contour(array,x,y,/fill,/ylog,c_value=findgen(81)*0.5,\$

> xrange=[0,500],yrange=[1000,50])

> c2=contour(array,x,y,c_value=findgen(21)*5,c_label_show=1,c_

color=0,color='black',/overplot)

>

> Thanks!

> Brian

>

>

> On Tuesday, October 5, 2010 at 11:32:20 AM UTC-4, OUWxGuesser wrote:

>> Greetings,

>>

>> I'm having a heck of a time trying to get my contour labels to look

>> reasonable in IDL 8.0.

>>

>> If I use a y axis that is in reverse (for example plotting atmospheric

>> pressure data from 1000 mb (at y=0) up to 100mb (y=36 in this case),

>> all of my labels are flipped vertically (not upside-down). I have

>> tried to specify the baseline and updir in the contour command in

>> combination with setting C_USE_LABEL_ORIENTATION=1, but these fail to

>> change the labels. Very frustrating.

>>

>> Here's a snippet of code:

>>

>> data=fltarr(12,37) (for reference)

>>

>> yvals=[1000,850,700,600,500,400,300,200,100]

>>

>> x=indgen(12)+1

>>

>> p=1000-25*indgen(37)

>>

>> image=contour(data,x,p,n_levels=ncol,c_value=clevs,/

>> ylog,yrange=[1000,100],xrange=[1,12],\$

>> ytickv=yvals,xtickv=x,C_USE_LABEL_ORIENTATION=1,C_LABEL_SHOW =[0,1])

>>
>> (I omitted the baseline/updir keywords... I tried just about every
>> combination of 0,1,-s, but nothing seems to impact the labeling.
>>
>> If any of you can find something inherently wrong with my code OR know
>> how to get this to work I would be extremely happy! Other than this
>> issue, I've been relatively pleased with the transition to the new
>> graphics system.

I am also facing with the same problem
