
Subject: Reversing y-axis using label_date

Posted by [greer.katelynn](#) on Thu, 20 Nov 2014 07:13:43 GMT

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I am attempting to create a Hovmoller plot of some atmospheric data. The problem is that I want time increasing downward. Usually to reverse the an axis, you just reverse the range in the plot call. Unfortunately, this is resulting in only one date to be plotted. The relevant code is as follows:

```
cgLoadCT,22,Ncolors=21,Bottom=1,/Brewer
dummy=label_date(DATE_FORMAT=['%D','%M'])
plot,[0,10],[juldates(1),juldates(2)],/nodata,$
  xrange=[-180,180],yrange=[juldates(nt-1),juldates(0)],$
  ytickunits=['Time','Time'],ytickinterval=2,$
  ytickformat='Label_Date',xtitle='Longitude',$
  xstyle=1,ystyle=1
contour,w,lon,juldates,$
  levels=w_levels,c_colors=Indgen(21),/cell_fill,$
  /overplot
```

Thanks,
Katelynn
