
Subject: Suppressing 0 in axis (icontour)

Posted by [Olaf Stetzer](#) on Fri, 30 Jan 2004 17:13:29 GMT

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Hello,

after playing around with itools I come closer to the result I expect. Since my data is better displayed with the y-axis being logarithmic and icontour does not support this I did this on my own:

Recalculating the axis data and generating some useful tickvalues and -labels. But icontour is so "smart" to add the tick mark at 0 (log 1) by its own :-(

Is there one way to suppress this behaviour or perhaps another way to get a log y-axis? Another point: There is a property called "Automatic [XY] axis range updates". Can I set this to "false" from the program? It seems that there is no keyword for that!

Thanks,

Olaf

Here is the code I use:

```
-----  
loadct,4,ncolors=256  
rgb=intarr(3,256)  
tvlct,rgb,/get  
data_max=max(dN)  
channels_log=log(channels)  
  
iContour, transpose(dN), time, channels_log, $  
  identifier=ID, $  
  xtitle='Mei $\frac{1}{2}$ zeit [s]', $  
  ytitle='Durchmesser [ $\frac{1}{2}$ m]', $  
  ytickvalues=log([0.1,0.2,0.5,1,2,5,10]), $  
  ytickname=['0.1','0.2','0.5','1','2','5','10'], $  
  yminor=1, $  
  title=('PSC8 Experiment Nr. ' + strtrim(aktivierung,2)), $  
  rgb_table=rgb, $  
  n_levels=40, $  
  xrange=[0,max(time)], $  
  yrange=log([0.1,10]), $  
  /fill
```
