
Subject: bug in contour

Posted by [R.Bauer](#) on Tue, 19 Aug 2003 13:08:03 GMT

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Dear all,

we found a special bug in contour.

We can't explain where the 1.3 at the yaxis comes from.

This happens only by /fill not by fill=0 and not by /cell_fill.

The value is alog10 of yrangle[0]. If you change the yrangle starting at 40 then it is 1.6

I have informed CREASO too.

regards

Reimar

```
pro test_contour
erase
x=findgen(100)
y=findgen(100)/99.*70+20
z=findgen(100,100)

init_plot2d={max_value:9999.10,$
             min_value:-1.00000e-06,$
             xrange:[0,99.0],$
             yrangle:[20,90.0],$
             zrange:[-1.0000000e-06,9999.10],$
             position:[0.202020, 0.238095, 0.727273, $
                        0.754762, 0.00000, 0.00000],$
             title:"",$
             xtitle:'!B''+test',$
             ytitle:'test'+!B',$
             ztitle:"",$
             xstyle:1,$
             ystyle:1,$
             zstyle:1,$
             xlog:0,$
             ylog:1,$
             zaxis:0,$
             downhill:0,$
             closed:0,$
             xtickname:strarr(60)+' ',
```

```
ytickname:strarr(60)+'}'  
  
CONTOUR,z,x,y, _extra=init_plot2d, nodata=1 , noerase=1, overplot=0  
CONTOUR,z,x,y, _extra=init_plot2d, nlevels=29, /fill, noerase=1, overplot=0  
  
end  
--  
Forschungszentrum Juelich  
email: R.Bauer@fz-juelich.de  
http://www.fz-juelich.de/icg/icg-i/  
=====  
a IDL library at ForschungsZentrum Juelich  
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html
```
