
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 yrange[0]. If you change the yrange 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],$  
             yrange:[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
```

```
--
```

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<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
