
Subject: LOADCT is not working

Posted by [abc](#) on Thu, 10 Mar 2011 08:35:53 GMT

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Dear all here is my IDL program to make contour plot.

1) The program I am having is that after loading "Loadct,27" my program is not able to make the colorful plot. And also I am not able to save the colorful plots.

2) How I can assign labeling most of the contour as I am having no. of Rows=572.

Thanks in advance

```
readcol, 'spectrum.txt', skipline=3, x, y, z, flag, f='f,f,f'
set_plot, 'PS'
sdevice, filename='/home/arvind/Desktop/A.eps'
;*****
tmp = where(flag eq 5.0)
chi2 = reform(x(tmp), 11, 26)
radius = reform(y(tmp), 11, 26)
temperature = reform(z(tmp), 11, 26)
;*****
tmp = where(flag eq 5.5)
chi12 = reform(x(tmp), 11, 26)
radius1 = reform(y(tmp), 11, 26)
temperature1 = reform(z(tmp), 11, 26)
;*****
window, xs=600, ys=900
loadct, 27
tv!ct, 0, 0, 0, 255
!p.charsize=1.5
!p.multi=[0, 0, 2, 0]
;=====
=====
contour, chi2, temperature, radius, xtit='Teff', ytit='Radius', $
  c_label=[1, 1, 1, 1, 1, 1, 1, 1], nlevel=100, /xst, /yst, /fill, Position=[0.1,
0.1, 0.9, 0.80]
contour, chi2, temperature, radius, c_label=[1, 1, 1, 1, 1, 1, 1, 1], level=[0.25, 0.5, 1, 2, 5, 10]/
100.0, $
  c_charsize=1.5, c_color=[255, 0, 0, 0, 0, 255, 255], /over
;=====
=====
contour, chi2 < 0.02, temperature, radius, xtit='Teff', ytit='Radius', xr=[2600, 3100],
$
  c_label=[1, 1, 1, 1, 1, 1, 1, 1], nlevels=100, /xst, /yst, /fill
contour, chi2 < 0.02, temperature, radius, c_label=[1, 1, 1, 1, 1, 1, 1, 1], level=[0.25, 0.45, 1, 2]/
```

```
100.0,$
  c_charsize=1.5,c_color=[0,0,255,255],/over
;colorbar, BOTTOM=4,DIVISIONS=5,FORMAT='(f6.4)', POSITION=[0.1, 0.9,
0.9, 0.95], $
  ;MAX=0.02, MIN=MIN(chi2)
;=====
=====
!p.charsize=1.0
!p.multi=0
device,/close
set_plot,'x
;=====
=====
print,'End of Program'
end
```
