

Subject: PVwave nice 3D Plot * /T3d problem ?
Posted by [zanotti](#) on Tue, 26 May 1998 07:00:00 GMT
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I'm probably missing something obvious here... I make a 3D plot (xyz) with PVwave. I want to put one of the 2D curves of the xz plane (ie at a given Y0 value) in red and annotate this particular curve with the annotation in the zx plane.

Here is what I have done:

```
loadct,2
x=findgen(40) & y=x
z=exp(-shift(dist(40),20,20)^2/40)
surface,z,x,y,xtitle='x',ytitle='y',zrange=[0,1],/save
t3d,/yzexch
Y0=10
plot,x,z(*,20),/T3D,zvalue=Y0,/noerase,yrange=[0,1],color=100,thick=2,/data
xyouts,10,10,'Text',z=Y0,/data,/t3d
```

It doesn't work for two reasons:

- 1- the axis of the 2D plot are not at the same level of that of the 3D plot. I suspect that something like a position keyword is missing...
- 2- the 2D plot is not drawn at the right Y0 value.

Does somedy have an idea ?
Thanks for help!

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