
Subject: Re: Sun symbol (again!)
Posted by [pgrigis](#) on Mon, 05 Jan 2009 14:47:40 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi everybody,

I just wanted to mention that there is a way to put LaTeX labels instead on postscript plots generated in IDL.

This however requires to use an external program after the plot is run in IDL. While it does require quite a bit of effort, it may be useful if you want to embed equations or esoteric symbols (such as the Sun symbol) in your plots.

This was discussed in this group a while ago and some smart googling should find the thread...

Ciao,
Paolo

jschwab@gmail.com wrote:

```
>>> What I'm left with is manually positioning the vector font symbol '!9!  
>>> Z(6E)!X'. It will work and gives me something that's not bad looking.  
>>> Unsurprisingly though, I find it rather unsatisfying.  
>>  
>>> If anyone has a better / more flexible solution, I'd love to hear it.  
>  
> I never found a more satisfactory solution than the following snippet.  
>  
> plot, [0, 0], [0, 0], /nodata, $  
>   xrange = [8, 16], xtitle = "Radius [km]", $  
>   ytitle = "Mass [M ]", yrange = [0, 3.5], $  
>   position = [0.10, 0.15, 0.53, 0.95], $  
>   xtickname = ['8', '10', '12', '14', ' ']  
>  
>  
> xyouts, 6.80, 1.96, /data, "!9!Z(6E)!X", font = -1, charthick = 3, $  
>   charsize = 1.5  
>  
> which gave me something that looked like this.  
>  
> http://web.mit.edu/jschwab/Public/final\_sunsym.png  
>  
> Fortunately, I only had a few different plots to make.  
>
```

> Josiah
