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Subject: Re: Do you want to make a scatter plot of the square should I do if there?  
Posted by [Helder Marchetto](#) on Wed, 30 Sep 2015 08:03:41 GMT  
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```
> I am making a program using the IDL.  
> I want to make a scatter plot of the square, but the scatter plot of the rectangle is output.  
> To make a scatter plot of the square, How do you rewrite this program?  
> Please tell me someone.  
>  
> ;Program  
> pro scatter1  
>  
> x1 = fltarr(3600,1200)  
> y1 = fltarr(3600,1200)  
> mvk = fltarr(3600,1200)  
> nrt = fltarr(3600,1200)  
>  
> fname1='C:\Users\yamamoto\Desktop\mvk_20140430.txt'  
> fname2='C:\Users\yamamoto\Desktop\nrt_20140430.txt'  
> openr,1,fname1  
> openr,2,fname2  
> readf,1,x1  
> readf,2,y1  
>  
> plot,x1,y1,xrange=[0,2000],yrange=[0,2000],color='000000'XL,  
background='FFFFFF'XL,psym=2,title='20140430 precipitation',xtitle='mvk precipitation  
[mm]',ytitle='nrt precipitation [mm]'  
>  
> close, /all  
> end
```

I'm not sure I understand your question, but does adding the keyword /ISOTROPIC to your plot command solve your problem?

```
plot,x1,y1,xrange=[0,2000],yrange=[0,2000],color='000000'XL,  
background='FFFFFF'XL,psym=2,title='20140430 precipitation',xtitle='mvk precipitation  
[mm]',ytitle='nrt precipitation [mm]', /ISOTROPIC
```

Cheers,  
Helder

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