
Subject: Re: How to use ploterror procedure in idl with no xerror bars?

Posted by [Markus Schmassmann](#) on Fri, 22 Sep 2017 09:57:24 GMT

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On 09/21/2017 07:47 PM, Meegle_Jade wrote:

```
> I would like to use the ploterror procedure in idl for my plots. I
> don't have any x error bars. I used the following command
>
> ploterror, x , y, yerr,type=3,psym=3
>
> But this is giving me horizontal error bars. I tried giving it as
>
> ploterror, x , y, xerr,yerr,type=3,psym=3
>
> with xerr=0. But this gave me absurd output. Kindly help me in this
> regard.
```

```
; TYPE = type of plot produced. The possible types are:
;     TYPE = 0 :    X Linear - Y Linear (default)
;     TYPE = 1 :    X Linear - Y Log
;     TYPE = 2 :    X Log   - Y Linear
;     TYPE = 3 :    X Log   - Y Log
```

could this be the problem?

If not, I don't understand why the first doesn't work. On the second try

```
xerr = make_array(size=size(x))
```

If you can't make it work consider using

```
plot, x, y, psym=3,/xlog,/ylog
errplot, x, y-yerr, y+yerr
```

or

```
cgPlot, x,y,ERR_YLow=yerr, ERR_YHigh=yerr,PSym=3,/xlog,/ylog
```

good Luck, Markus
