
Subject: Re: How to use max() to plot where in the plot max is located ?

Posted by [David Fanning](#) on Thu, 22 Aug 2002 16:36:12 GMT

[View Forum Message](#) <> [Reply to Message](#)

Kolbjorn Bekkelund (kobe@rocketrange.no) writes:

> The file read in below contains 14 lines of header info read into the
> header variable. Below these I've got about 1000 lines of 7 columns
> floats. The snip of my program below plots the selected info in two curves
> and adds info with xyouts about the max and min value of those. BUT; I
> would like to add a sign or a vertical bar going through the point of
> maximum.
>
> How do I do that ?

Use the second positional parameter to your MAX and MIN
functions to get the indices where the maximum or
minimum occurs:

```
min308=min(data(3,*), maxindex)  
max308=max(data(3,*), minindex)
```

Then, just draw some kind of symbol on your plot. Say,
a big asterisk:

```
PLOTS,((data(3,*))[maxindex]/shots/0.0974),$  
      (data(2,*))[maxindex], color=166, PSYM=2, $  
      SYMSIZE=2.5
```

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: david@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155
