Erica Mushovic <mushovic@v2ma26.gsfc.nasa.gov> wrote:

> Hi,
> I have to plot data gaps.  I know that there is a plotm routine in the
> user library that will plot missing data as long as there is a default
> value, however, my data has not default values.  I know where the
> missing data occurs.  For example, if I have an array of x(10) I know
> that I do not want to connect the points between x(3:4) and x(7:8).

If you have large arrays with contiguous data you may not want
to concept of NaN or MAXVALUE because you have to *insert*
data into an existing large arry. But as you have the intervals of
good data there is a simple solution. Given your numbers
you have to

  Plot, x(0:3), y(0:3)
  Oplot, x(4:7), y(4:7)
  Oplat, x(8:9), y(8:9)

>  Is
> there any way to plot that with the existing functions or with simple
> modifications to a user routine?  I can think of a couple of ways to do
> that but those ways won't be practical with large data sets.

All you need is a loop which calls Plot for the first segment of
data and oplot for the remaining segments of data.

> Thank you.
> --
> Erica Mushovic

Hope this helps
Norbert