Subject: Re: plotting x vs. (y & T) in 2 dimensions?
Posted by candey on Mon, 12 Apr 2004 18:33:39 GMT
View Forum Message <> Reply to Message

u2s5thmember@yahoo.com (BG) wrote in message
news:<7d715aa0.0404061403.1f099943@posting.google.com>...
> Hello,
>
> I am trying to replicate the following plot in idl (not including the
> white and black lines in the middle):
> http://mtp.jpl.nasa.gov/missions/solve/CTCdc/TZH_20000123a.P NG
>
> If I correctly understand, the data set looks like this: for each
> time[i], there is an altitude[j] array & temperature[j] array.
>
> Could you please suggest how I would go about plotting this? Also, I
> downloaded the colorbar.pro routine from Dave Fanning, but I don't
> know how to get the colorbar labels and colors to correspond to the
> data in the plot...
>
> Thanks in advance for your time!

You might find useful my spectrogram.pro routine that displays 2-dim
array data very flexibly. The code is included in CDAWlib at
<ftp://cdaweb.gsfc.nasa.gov/pub/CDAWlib/>. You will need a couple
other routines like Colorbar.pro. See Figure 2 on
<http://cdaweb.gsfc.nasa.gov/cdaweb/about.html> for an example. (My
auroral_image.pro routine is displayed in Figure 3.)

Robert Candey