Subject: MPFIT2DFUN- use for a time series of images?
Posted by Katie[1] on Thu, 10 Mar 2011 20:01:14 GMT

I want to fit pixel values to a logistic model that each have X, Y
coordinates and a day of the year value associated with them. I see
from the MPFIT2DFUN documentation how to define X, Y for a each Z
dependent value and the dependent error value, but can a third
variable (day of the year in this case) be defined in order to fit a
curve in MPFIT2DFUN? I currently have each each date as a separate
band in a stacked image file that I exported as an ASCII file. I want
to determine the day of the year that the pixel values (vegetation
indices) reach a value on the the curve.

Any suggestions, or perhaps I am not understanding the MPFIT2DFUN
correctly (I am very new to IDL)?