Contour Plotting Suite Guide

Converting Bin files into .sav files:

* Use the included “Make\_Datacube\_Sav.pro” to create a .sav suitable for the contour plotters from a bin file.
  + Line 1 requires the location of the input file
  + Line 733 requires the location to output the .sav to.

Contour Plotters:

* Lines 3 & 5 take input for the location you would like to save output plots and output data (in the form of a .sav file) respectively.
* Line 8 or 10 (depending on routine) take the location of the input .sav file generated with the “Make\_Datacube\_Sav.pro”
* The program will ask for input to specify the dimensions of the contour plot; it will automatically fit the numbers that it gives you to the available points, but your input MUST be within the bounds of the original data. Bounds are included for reference in the file “Coordinate Ranges”

Pressure Plot Averager:

* Line 1 takes the location of the output data files from the Pressure Contour Plot routine
* This routine requires that the files that you give it have the same dimensions (the x and y axes that you chose in the contour plotters match)
  + For example, with all else constant, one file with altitude 100-150 is incompatible with another file with altitude 100-200.
* This routine does not automatically save output for you, so you must save the resulting plots manually.
* Note, there is no version of this for averaging Altitude contour plots.