To change the parameter range:

1. Change the range that the plots look for a maximum value

The code currently looks for a maximum (peak) value in the range given so that it can put the star and value at the location of the maximum. If the plotting range changes, this needs to be changed as well. The scripts all have the comment “#To fix when hdens > 10.” In that section, the line that reads “ if (float(hdens\_values\_dustfree[i]) < 10.100) & (float(phi\_values\_dustfree[i]) < 17.100):” has to be edited for the proper limits. If there are multiple data sets being plotted (i.e. solar and subsolar), this edit needs to happen multiple times (wherever the range is given).

2. Change the range of the plots

This is a simple change. Just edit the yt\_min, yt\_max, xt\_min, and xt\_max values to the desired values.