David,

That code works great! Thank you so much for your help. I have one
more question, I put a color bar on the graph (using your colorbar.pro)
but the colorbar colors don't match what is on the contour. I can
change the range of the color bar all I want and the colors don't
change on the contour. I'm not sure what I'm doing wrong. I have the
code you provided and this below it:

COLORBAR, RANGE=[MIN(levels), MAX(levels)], NCOLORS=ncolors,
DIVISIONS=8

For Reference:
c_colors = INDGEN(16)*15
ncolors = nlevels +1

Thanks,
Ryan.