Subject: Creating colour-coded plots of spectra
Posted by jimmybobs on Fri, 31 Jul 2009 08:54:53 GMT

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Hi there,

I have a large amount of line plots of x-ray spectra (looking a little
bit like this one - http://www.jaxa.jp/press/2005/08/img/20050817_suzaku_pic02-e .gif
). I'd like to convert them into something a bit more user friendly- a
colour coded spectral plot (looking rather like this-
http://swepam.lanl.gov/Figures/Figure08.JPG), with intensity shown by
different colour values. This plot also makes it easy to see how
intensities of a particular energy (y-axis) change with time (x-axis).

Has anyone heard of a program that will do this for me? Its possibly
I'm being dense, and don't know the correct term to google for. If
there's nothing out there I have an inkling (a faint one!) on how to
do it myself, but no doubt someone has done it better than I could?

Thanks!
Jimmy