

addline: add spectral lines to a model

Tcl script to add one or more lines to the current model in an optimum fashion.

Syntax: **addline** [<nlines>] [<modeltype>] [{fit|nofit}]

<nlines> additional lines are added one at a time. Line energies are set to that of the largest residual between the data and the model. For each line a fit is performed with the line width and normalization as the only free parameters. The default option is one gaussian line. The other <modeltype> that can be used is lorentz. If no third argument is given then the sigma and normalization of each line are fit. If ``nofit" is specified then the fit is not performed but if ``fit" is specified then all free parameters are fit.

addline currently will only work with the default model (i.e. not for named models).