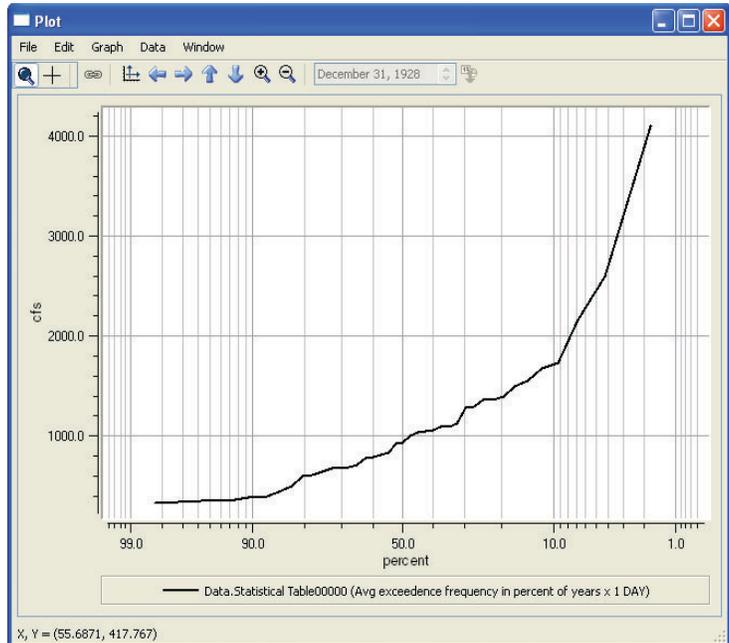


On each axis, if the units displayed are percent, you also have the option to choose a probability scale as you would see on normal probability paper. On such a scale, normally distributed values will plot as a straight line. A sample is shown to the right.

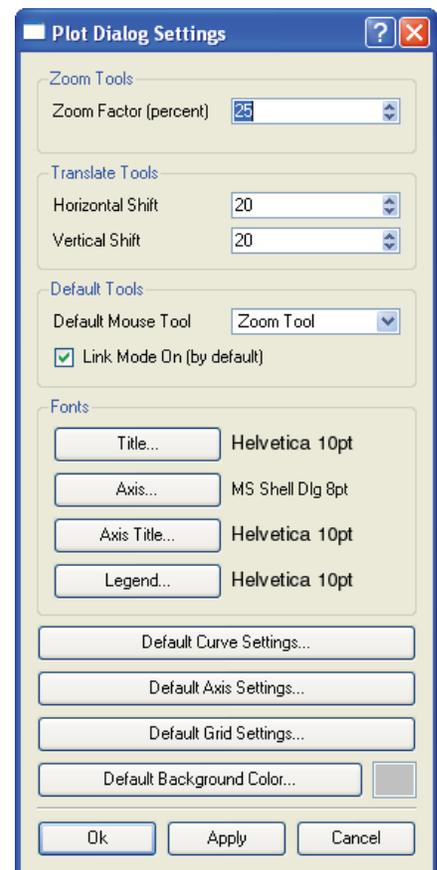


### Preferences: The Edit

**Preferences...** menu item invokes the **Plot Dialog Settings** dialog which allows you to establish default settings for plot fonts, curves, grids and axes. Plot dialog settings are saved with a user account on a particular machine rather than with the plot or model file. This allows you to restore your default settings on a particular machine between sessions. Default settings do not affect any previously generated plots; only settings that are to affect new plots may be generated here.

The top of **Plot Dialog Settings** controls the mouse tools that appear on the plot dialog. Selections at the top of this dialog box let you determine the extent to which the plot size is enlarged or decreased when you select the Zoom tool. There is also a function that lets you set the degree to which the plot is moved along either axis with the translate tool. You can enter these values manually or toggle them with the arrows adjacent to each window. You may choose whether the default mouse tool zooms or re-centers the plot.

**Plot Dialog Settings** has a button to determine whether the link mode is on or off by default. In the event that there is more than one plot in the dialog at any given time, use the link mode. Having the link mode on causes any manipulation, such as zooming or translating along an axis, to be carried out by all of the plots in the dialog.

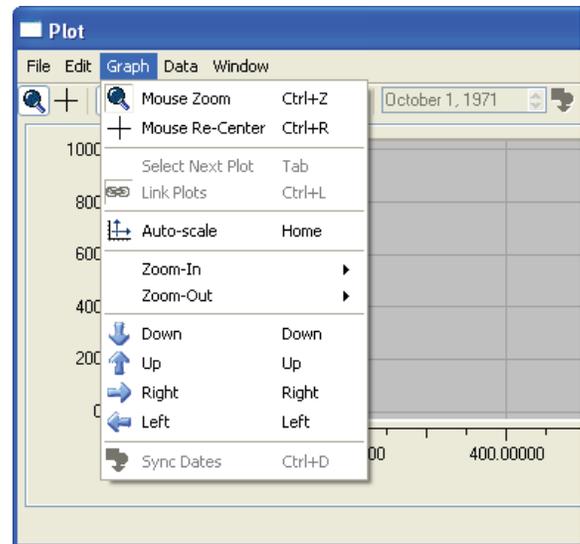


The **Plot Dialog Settings** has options to customize the fonts used for the plot *Title*, *Axis*, *Axis Title*, and *Legend* separately. There are options for various font sizes, styles and types. The font characteristics are stored per user—not as part of the model file. This eliminates potential problems with loading plots on machines that may not have the same set of available fonts.

Selections in the bottom of the **Plot Dialog Settings** dialog box let you control the default settings for curves, axes, grids, and background color. **Default Curve Settings** sets default line, symbol, and curve styles. **Default Axis Settings** sets default precision and formation for the numeric display on the axes. **Default Grid Settings** sets default major and minor grid styles, width and color.

### 3.3.3 Graph Menu

The *Graph* drop-down menu displays the zoom and scaling capabilities of the plotting software. For your easy access, many of the functions listed here also appear on the plotting dialog toolbar and the plot right-mouse context menu, or you can execute them using key commands. These include the *Auto-scale* button, *Zoom-In*, *Zoom-Out*, and *Shift Plot* commands. Next to each command are displayed keyboard shortcuts for each action.



**Mouse Zoom/ Mouse Recenter:** The **Mouse Zoom** and **Mouse Recenter** features determine the function of the mouse icon. The **Recenter** tool displays crosshairs as a mouse icon and causes the plot to be centered around the point at which the mouse is clicked. The **Zoom** tool displays a magnifying glass cursor icon, which lets you select a zoom rectangle by clicking-and-dragging the mouse.



**Link Plots:** If there is more than one plot in the **Plot Dialog** the **Link Plots** tool is active, letting you do manipulation operations on all of the plots in unison. If **Link** is off, you manipulate the currently selected plot (selected by clicking on the plot or by using <Tab> to toggle). If you are using only one plot, this function is not available. You may not link customization operations—they must be performed on individual plots.



**AutoScale:** The **AutoScale** feature scales and translates the plot to include the entire range of data.



**Shift Tools:** The **Shift** tools shift the plot in either the X or Y direction. You set the magnitude of the shift from the **Plot Dialog Preferences** dialog.

