1. Open the New Graph dialog, select the waves to be displayed in the graph, and choose Graph0Style from the Style pop-up menu in the dialog. Click Do It.

Igor automatically generates the Preferences Off and Preferences On commands to apply the style to the new graph without being affected by preferences.

Limitations of Style Macros

Igor automatically generates style macro commands to set all of the properties of a graph that you set via the ModifyGraph, Label and SetAxis operations. These are the properties that you set using the Modify Trace Appearance, Modify Graph, and Modify Axis dialogs.

It does not generate commands to recreate annotations or draw elements. Igor's assumption is that these things will be unique from one graph to the next. If you want to include commands to create annotations and draw elements in a graph, you must add the appropriate commands to the macro.

Where to Store Style Macros

If you want a style macro to be accessible from a single experiment only, you should leave them in the main procedure window of that experiment. If you want a style macro to be accessible from any experiment then you should store it in an auxiliary procedure file. See Chapter III-13, **Procedure Windows** for details.

Graph Pop-Up Menus

There are a number of contextual pop-up menus that you can use to quickly set colors and other graph properties. To display a contextual menu on Macintosh, press the Control key and click. On Windows, click using the right mouse button.

Different contextual menus are available for clicks on traces, the interior of a graph (but not on a trace) and axes. If you press the Shift key before a contextual click on a trace or axis, the menu will apply to all traces or axes in the graph.

Sometimes it is difficult to contextual click in the plot area of a graph and not hit a trace. In this case, try clicking outside the plot area, but not on an axis.

Graph Expansion

Normally, graphs are shown actual size but sometimes, when working with very small or very large graphs, it is easier to work with an expanded or contracted screen representation. You can set an expansion or contraction factor for a graph using the Expansion submenu in the Graph menu or using the contextual menu for the graph body, away from traces or axes.

The expansion setting affects only the screen representation. It does not affect printing or exporting.