AUTOMATIC

PURPOSE
Sets the DATAPLOT switch in question to the “automatic” position.

DESCRIPTION
For most commands, AUTOMATIC is equivalent to DEFAULT (i.e., it sets the default value). However, for a few commands (specifically LABEL and TITLE), it means to generate the labels and title text automatically from the given PLOT command. LABEL AUTOMATIC and TITLE AUTOMATIC are documented separately in the Plot Control chapter.

SYNTAX
<Certain DATAPLOT commands> AUTOMATIC

EXAMPLES
X3LABEL AUTOMATIC
FILTER WIDTH AUTOMATIC
TITLE AUTOMATIC

NOTE 1
Most DATAPLOT commands and keywords can be truncated to the first 4 characters. The AUTOMATIC keyword has been purposely set up so that it must be written out for all 9 characters. If less than 9 characters are entered, the entered text will be used as the title or label.

NOTE 2
The most popular use of AUTOMATIC is in X3LABEL AUTOMATIC. This automatically (for all future plots) shows the PLOT command generating the plot as the X3 label. This is useful for documenting an analysis.

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS
ON = Allows switches to be set to “on.”.
OFF = Allows switches to be set to “off.”.
DEFAULT = Allows switches to be set to “default.”.

APPLICATIONS
Setting defaults, automatic labeling

IMPLEMENTATION DATE
Pre-1987 (the TITLE AUTOMATIC and LABEL AUTOMATIC commands were implemented 92/8)

PROGRAM
X3LABEL AUTOMATIC
PLOT X**2 FOR X = 1 1 10