VERSUS

PURPOSE
Allows one or more variables to be plotted against one other variable (in the PLOT command).

SYNTAX
None

EXAMPLES
PLOT Y1 Y2 Y3 Y4 Y5 VERSUS X
PLOT Y PRED VERSUS X
PLOT Y1 VERSUS X1 Y2 VERSUS X2

NOTE
The most important and common use of VERSUS is in post-fitting validation analysis when one superimposes the raw data (e.g., Y) and the predicted values from the fit (PRED) versus the independent variable (e.g., X). For example,

LINEAR FIT Y X
LINE BLANK SOLID
PLOT Y PRED VERSUS X

DEFAULT
None

SYNONYMS
VS or VS. can be used as abbreviations for VERSUS.

RELATED COMMANDS
PLOT = Generate a data or function plot.

APPLICATIONS
Multi-trace plotting

IMPLEMENTATION DATE
Pre-1987
PROGRAM

. POLLUTION SOURCE ANALYSIS, LLOYD CURRIE, DATE--1990
. SUBSET OF CURRIE.DAT REFERENCE FILE

LET LEAD = DATA 164 426 59 98 312 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA 106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
LET N = SIZE LEAD; LET X = SEQUENCE 1 N

LINE BLANK ALL
CHARACTER CIRCLE SQUARE
CHARACTER FILL OFF ON
LEGEND 1 CIRC() - POTASSIUM
LEGEND 2 SQUA() - LEAD
LEGEND FONT SIMPLEX
LEGEND 2 FILL SOLID
X1LABEL SEQUENCE
TITLE AUTOMATIC
PLOT POT LEAD VS X