Command	FWIDTH

PURPOSE   Define values and attributes of peak widths.

PARAMETERS

PEAKS	List of peak numbers. Each list element may have the syntax "a TO z BY s" with optional parameters z and s; default step size is s = 1.
/FIX	The specified peak widths are **fixed**. They held constant during iterations.
/DIFF(p)	The specified peak widths are **relatively fixed**. The differences of the widths of corresponding peaks and reference peak number p are held constant during iterations.
/SUM(p)	The specified peak widths are **relatively fixed**. The sums of the widths of corresponding peaks and reference peak number p are held constant during iterations.
/PRODUCT(p)	The specified peak widths are **relatively fixed**. The products of the widths of corresponding peaks and reference peak number p are held constant during iterations.
/QUOTIENT(p)	The specified peak widths are **relatively fixed**. The quotient of the widths of corresponding peaks and reference peak number p are held constant during iterations.
/VARY	Concerned peak widths are to **vary** again.
/EON	A special error analysis is demanded.
/EOFF	Reset error analysis flag.
/GUESS(g)	Guess values for the peak widths.
	General values are assigned to the denoted parameters in the order of appearance (arrays with the rightmost subscripts varying most rapidly.) However, if the list consists of a single one-dimensional array (or array cross section) with asterisk notation (one subscript substituted by '*'), array elements corresponding to the specified peak numbers are selected and assigned accordingly.
	If only a single value is given, it is assigned to each specified parameter.
/RELATIVE	This keyword specifies the interpretation of the guess values. For relatively fixed fit parameters the guess values are expected to represent a difference, sum or quotient with respect to the corresponding reference parameters; for others the keyword is ignored and the guess values are taken absolute.
/MIN(m)	List of lower limits which must not exceed the current values of the peak widths. For details see keyword "/GUESS"
/MAX(m)	List of upper limits which must not exceed the current values of the peak widths. For details see keyword "/GUESS"
/NOLIM	Limits of the specified parameters are set to infinity unless nominated by MIN or MAX.
/LIST	List the current guess values and limits of the specified peak widths.

REMARKS Together with "FAREA" and "FPOSITION" this command provides a more comfortable way of specifying attributes of (Gaussian and Lorentzian) peak parameters than the command "FPAR" does, since parameters are addressed by peak numbers instead of internal serials.

The fit function is evaluated with the current guess values and may be displayed by "FDISP" or listed by "FLIST" and "FRESULT".

EXAMPLE FWIDTH 1,3..5 / Q(2) G(1) R
The widths of peaks no. 1 and 3 to 5 are kept equal to that of peak no. 2 during iterations.

For further examples see command "FPAR".