Command	FPARAMETERS

PURPOSE   Define values and attributes of fit parameters

PARAMETERS

PARAM	List of fit-parameter indices. 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 fit parameters **fixed**. They are held constant during iterations.
/DIFF(p)	The specified fit parameters are **relatively fixed**. The differences of the corresponding parameters and reference parameter number p are held constant during iterations.
/SUM(p)	The specified fit parameters are **relatively fixed**. The sums of the corresponding parameters and reference parameter number p are held constant during iterations.
/PRODUCT(p)	The specified fit parameters are **relatively fixed**. The products of the corresponding parameters and reference parameters number p are held constant during iterations.
/QUOTIENT(p)	The specified fit parameters are **relatively fixed**. The quotients of the corresponding parameters and reference parameters number p are held constant during iterations.
/VARY	Concerned parameters are to **vary** again.
/EON	A special error analysis is demanded.
/EOFF	Reset error analysis flag.
/GUESS(g)	Guess values for the fit parameters. 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 peak areas. For details see keyword "/GUESS"
/NOLIM	Limits of the specified parameters are set to infinity unless nominated by MIN or MAX.
/LISTS	List the current guess values and limits of the specified parameters.

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

EXAMPLE   FPAR 1..3,5,7,9 / G(1.5E2) MIN(0) N EON
Get initial value "150", lower limit "0", and infinite upper limits to parameters 1, 2, 3, 5, 7, and 9. A special error analysis for these parameters may be performed after convergence.

FPAR 5,3,8 / G(300)
Assign the value "300" to fit parameters 3, 5 and 8.

FPAR 1 / G(0) F
Set fit parameter no. 1 to zero and fix it.

FPAR 2 / D(5) G(-1.4) R
Fix the difference of parameters 2 and 5 and assign a guess value to parameter 2 which is smaller than that of parameter 5 by 1.4.

FPAR 1 / G(30)
FPAR 4 / G(70) S(1)
Set the start value of parameter 1 to 30 and the start value of parameter 4 to 70. Fix the sum of parameters 1 and 4 to the sum of the corresponding guess values, i.e. to 100.