

Table VI A1.2 (continued)

Category	D	Statements	Notes	#
URR controls		EXPERIMENTAL DATA ARE in separate files	See Section VIII.B for details of input to unresolved resonance region (URR) calculations.	371
		NO ANNOTATED PARAMETER file for urr input	Input for URR is essentially the original format as in the FITACS code; see Table VIII.B.1.	372
	D	ANNOTATED PARAMETER file for urr, or ANNOTATED	Input for URR is “annotated file”, which contains key words and phrases to make the input more human-legible. See Section VIII.B and Table VIII.B.2 for details.	373 374
	D	OUTPUT IN ANNOTATED parameter file for urr	Output parameter file is annotated. (This is always true; SAMMY now contains no option for writing non-annotated output, although that can still be used as input).	375
		ENDF/B-VI FILE 2 IS wanted, or ENDF	Resonance parameters are to be written into the format required for ENDF/B-VI File 2. See Section VI.F.2 for details.	291 292
	D	USE ALL EXPERIMENTAL data points, or DO NOT USE ENERGY LIMITS as given in the input file	All data points appearing in the initial URR PARAMETER file (see Section VIII.B) are to be fitted during the analysis. Energy limits given in the INPUT file will be ignored.	376 377
		USE ENERGY LIMITS AS Given in the input file	The energy range specified in card set 2 of the INPUT file will be used to define which data points are to be included in the analysis.	378
		INCLUDE MIN & MAX ENergies in endf file	When creating ENDF File 2 for LRU = 2, include Emin and Emax from the SAMMY run as part of the energy list. Examples are in test cases tr127, tr128, tr133, and tr134.	379

Table VI A1.2 (continued)

Category	D	Statements	Notes	#
URR controls (cont.)		CALCULATE WIDTH FLUctuation factors more accurately,	Use 1001 grid points rather than the default 101 points for calculating the Dresner integrals. See tr073 for examples.	380
		or CALCULATE DRESNER INtegrals more accurately		370
		MOLDAUER PRESCRIPTION is to be used,	Moldauer's "effective degree of freedom" is to be used, to compensate for strong overlap of resonances. See page 352 of FF00.	322
		or MOLDAUER		323