

Table VI A1.2 (continued)

Category	D	Statements	Notes	#
Averages, etc.	D	(none needed)	Do not average over energy ranges.	
		AVERAGE OVER ENERGY Ranges	Produce energy-averaged experimental data and theoretical values, using output parameters from an earlier SAMMY analysis. See Section V.C.1 for details.	311
		or AVERAGE OVER ENERGIES		312
		CAUTION: The integration scheme used here is histogram based, suitable for averaging experimental data but not suitable for averaging theoretical cross sections. Use “ENERGY AVERAGE USING constant flux” option instead.		
		GROUP AVERAGE OVER Energy ranges ,	Produce Bondarenko averages, using output parameters from an earlier SAMMY analysis. See Section V.C.2 for details.	313
		or GROUP		314
		or BONDARENKO AVERAGE Over energy ranges		315
		ENERGY AVERAGE USING constant flux, or UNWEIGHTED ENERGY Average	This is the appropriate scheme to use when averaging theoretical cross sections with constant flux; see Section V.C.3.	325
		MAXWELLIAN-AVERAGED capture cross sections are wanted, or STELLAR-AVERAGED CAPture cross sections are wanted, or MXW	Generate stellar averaged capture cross section; see Section V.D.	316
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		CALCULATE MAXWELLIAN averages after reconstructing cross sections	This option provides stellar averaged capture cross sections (Section V.D) using reconstructed energy grid (Section V.A, NJOY method).	319

Table VI A1.2 (continued)

Category	D	Statements	Notes	#
Averages, etc. (cont.)		MAKE NO CORRECTIONS to theoretical values	Do not perform Doppler or resolution-broadening corrections, nor include normalizations or backgrounds, before averaging.	321
		ADD CROSS SECTIONS From endf/b file 3	For use in generating Maxwellian averages; see Table VI F4.1.	320
		PRINT AVERAGED SENSitivities for endf variables	For comparison with other codes calculating multigroup cross sections and covariances.	324