APPENDIX G

Maximum Dimensions of ENDF Parameters

File	Section	Variable	Max	Definition of Number
1	451	NXC	350	Card images in directory
	452	NC	4	Polynomial terms in expansion of $\bar{\nu}$
	455	NCD	4	Polynomial terms in expansion of $\bar{\nu}_d$
	456	NCP	4	Polynomial terms in expansion of $\bar{\nu}_p$
All	All	NR	20	Interpolation ranges
2	151	NE	250	Energy mesh in unresolved region
		NER	12	Energy ranges
		NFRE	1	Fission reactions
		NGRE	1	Radiative capture reactions
		NIRE	4	Inelastic scattering reactions
		NCRE	4	Charged-particle reactions
		NIS	10	Isotopes
		NRS	5,000	Resonances for a given *l*-value
		NLS	4	*l*-values
		NLCS	20	*l*-values which must be given to converge reaction
3	All≠4	NP	50,000	Incident energy points
4	All	NE	1,500	Incident energy points
		NK	4,225	Elements in transformation matrix
		NL	64	Highest order Legendre polynomial given in each range
		NM	64	Maximum order Legendre polynomials required
		NP	101	Angular points
5	All	NE	200	Incident energy points
		NF	1,000	Secondary energy points
6	All	NK	1,000	Number of subsections
	2	NL	21	Side dimension of transformation matrix
7	All	NS	3	Non-principal scattering atom types
9,10	1 ≠1	NP	50,000 5,000	Energy points
14	2	NL	21	Side dimension of transformation matrix
All other	All	NP	10,000	Mesh size