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	2,000	Incident energy points
		NL	64	Highest order Legendre polynomial
		NM	64	Maximum order Legendre polynomials required
		NP	201	Angular points
5	All	NE	200	Incident energy points
		NF	1,000	Secondary energy points
6	All	NK	2,000	Number of subsections
		NE	2,000	Incident energy points
		NL	64	Highest order Legendre polynomial
7	All	NS	3	Non-principal scattering atom types
9,10	1 ≠1	NP	50,000 5,000	Energy points
14	All	NL	64	Highest order Legendre polynomial
All other	All	NP	10,000	Mesh size

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