

Table VI A1.2 (continued)

Category	D	Statements	Notes	#
Plot file control	D	DO NOT GENERATE PLOT file automatically		349 350
		GENERATE PLOT FILE Automatically, or GENERATE ODF FILE AUTOMATICALLY	See Table VII C.1 for a description of the plot file.	352 351
		EV = UNITS ON ENERGY in plot file, or EV	Units for energies in the plot file should be eV. (This is the default only if Emax < 1 keV.) [NOTE: Angular distribution plot files always use eV.]	356 357
		KEV = UNITS ON ENERGY in plot file, or KEV	Units for energies in the plot file should be keV. (This is the default if Emax > 1 keV.) [NOTE: Angular distribution plot files always use eV.]	358 359
		MEV = UNITS ON ENERGY in plot file, or MEV	Units for energies in the plot file should be MeV. [NOTE: Angular distribution plot files always use eV.]	360 361
		ODF FILE IS WANTED-- XXXXXX.XXX,ZEROth order calculation	Most SAMMY users will not need these commands, because they are ignored when GENERATE PLOT FILE Automatically is used.	353
		ODF FILE IS WANTED-- XXXXXX.XXX,FINAL calculation	To use these options, replace XXXXXX.XXX (columns 21–30) with the name of your ODF file. Be sure that file already contains energies and data (sections 1, 2, 3, and possibly 6 and 7; see Table VII C.1). Note that file names are arbitrary, extensions are optional, but the name must use ten columns. No space is permitted after the comma.	354
<u>Examples</u> ODF FILE IS WANTED--FILE00.ODF,ZEROth order calculation ODF FILE IS WANTED--FILE01.ODF,FINALcalculation				

Table VI A1.2 (continued)

Category	D	Statements	Notes	#
Plot file control (cont.)	D	DO NOT INCLUDE THEORETICAL uncertainties in Plot file	Uncertainties ΔT_i on theoretical values T_i are reported in sections 10 and 11 (or 6 & 7) of the plot file. See Section IV.E.4 for a detailed description and derivation of these uncertainties.	362
		INCLUDE THEORETICAL uncertainties in Plot file		363
		PLOT UNBROADENED CROSS sections, or PUT UNBROADENED CROSS sections into a separate plot File	Generate file SAMMY.UNB which contains the auxiliary energy grid in section 1 of the file and unbroadened theoretical values in sections 2 etc. SAMMY also generates ASCII files SAMUNB.DAT and SAMUNX.DAT with similar information in CSISRS format. Further details are given in Section VII.G.	364 365
		PLOT RESOLUTION FUNCTION	See Section X.L to make plots of the original resolution function.	236