

**Table VI B.2 (continued)**

C:L	P, T	Variable Name	Meaning (units)	Notes
10:1	1-80, A	WHAT	“ISOTopic abundances and masses”, or “NUCLide abundances and masses”	Each nuclide in the sample should have an entry here.
10:2	1-10, F	AMUIISO (1)	Atomic mass (amu)	
	11-20, F	PARISO (1)	Fractional abundance for this nuclide (dimensionless)	
	21-30, F	DELISO (1)	Uncertainty on abundance (dimensionless)	
	31-32, I (or 31-35, I if > 99 groups)	IFLISO (1)	Flag whether treatment for the abundance	-2 → use value of isotopic abundance given in INPUT file 1 → vary 0 → do not vary 3 → treat as PUP (Section IV.D.2)
	33-34, I or 36-40, I	IGRISO (1,1)	Number of the first spin group belonging to this nuclide	If more than 24 spin groups are needed, insert “-1” in Columns 79-80, and continue on the next line.
	35-36, I or 41-50, I etc.	IGRISO (2,1)	Number of second spin group	When there are more than 99 spin groups altogether, each integer entry on this line requires five columns.
10:3	1-5, I	IGRISO (24,1) or (9,1)	Number of the next spin group belonging to this nuclide	This line is needed only if the final entry on the previous line was -1.
	6-10, I	etc.		As many as needed
10:4	Repeat previous line as many times as needed.			
10:5 etc.	Repeat Lines 2 – 4 as many times as needed.			
10:6	(blank)			