

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

C:L	P, T	Variable Name	Meaning (units)	Notes
1:1 cont.	68-80, F	X	For many cases, this variable is not used (columns may be left blank). However, there are three possible uses for this variable:  (1) If $X < 0$ , then values of $\Gamma$ for other particle channels are included on the following line.  (2) If $X$ is positive and the statement "ENERGY UNCERTAINTIES are at end of line" is included in card set 3 of the INPut file (see Table VI A1.2), then $X$ is the prior absolute uncertainty on $E_\lambda$ (eV).  (3) If $X$ is positive, and the expression "ADD CONSTANT TERM TO data covariance" is included in the INPut file (see Table VI A1.2), then a constant on-and-off diagonal contribution to the data covariance matrix (DCM) is to be used under this resonance. In this case $X$ should be $\leq (\Delta d)^2$ , where $\Delta d$ is the absolute uncertainty on data near this resonance. NOTE: This option is seldom used.	
1:2	1-11, F	$\Gamma_{c4}$	Particle width for channel 4 (milli-eV)	This line is present only if $X < 0$ on the preceding line
	12-22, F	$\Gamma_{c5}$	Width for ch 5 (milli-eV)	
	23-33, F	$\Gamma_{c6}$	Width for ch 6 (milli-eV)	
	34-44, F	$\Gamma_{c7}$	Width for ch 7 (milli-eV)	
	45-55, F	$\Gamma_{c8}$	Width for ch 8 (milli-eV)	
	56-57, I	$IS_{c4}$	Vary $\Gamma_{c4}$ ?	0 = no, 1 = yes, 3 = PUP
	58-59, I	$IS_{c5}$	Vary $\Gamma_{c5}$ ?	0 = no, 1 = yes, 3 = PUP
	60-61, I	$IS_{c6}$	Vary $\Gamma_{c6}$ ?	0 = no, 1 = yes, 3 = PUP
	62-63, I	$IS_{c7}$	Vary $\Gamma_{c7}$ ?	0 = no, 1 = yes, 3 = PUP
	64-65, I	$IS_{c8}$	Vary $\Gamma_{c8}$ ?	0 = no, 1 = yes, 3 = PUP
	66-67, I	IGROUP	must be same as previous line	
	68-80, F	X	As above, negative to indicate continuation line. Positive for uncertainty on resonance energy, or for off-diagonal DCM.	
1:3,4, etc	Repeat line 2 as needed, until all non-zero channel widths have been defined.			
1:5 etc,	Repeat lines 1 – 4 as many times as needed, until all resonances are specified.			
1:Last	End with a blank line.			