

RECENT_TAB.pdf

| Line | Column (format) | Explanation of parameters | |
|------|-----------------|---|---|
| 1 | 1-11 (I11) | Selection criteria (0=MAT, 1=ZA) (DEFault = 0) | |
| | 12-22 (E11.4) | Minimum cross section of interest (barns). 0.0 or less - the program will use 1.0e-10 barn (DEF). | |
| | 23-33 (I11) | Treatment of reactions for which background cross section is not given. = 0 – ignor (i.e. no output) (DEF). = 1 – output resonance contribution. | |
| | 34-44 (I11) | Operating mode = 0 – calculate. Minimum output listing (DEF). = 1 – calculate. List all resonance parameters. = 2 – EDIT mode. No calculation. | |
| | 45-55 (I11) | Negative cross section treatment = 0 – O.K. – No change. = 1 – Set = 0. | |
| | 56-66 (I11) | Monitor mode selection = 0 – Normal operation (DEF). = 1 – Monitor progress of reconstruction of file 2 data and combining file 2 and file 3 data. | |
| 2 | 1-60 (A60) | ENDF/B input data filename (DEF option ENDFB.IN) | |
| 3 | 1-60 (A60) | ENDF/B output data filename (DEF option ENDFB.OUT) | |
| 4-N | 1 -11 (I11) | Minimum MAT or ZA (see 1-11, line 1) | <p>Up to 100 MAT or ZA ranges may be specified, one range per line. The list is terminated by a BLANK line.</p> <p>If the the UPPER limit of any request is less than the LOWER limit, the UPPER limit will be set equal to the LOWER limit.</p> <p>If the first request line is BLANK it will terminate the request list and cause all data to be retrieved.</p> <p>The lower and upper ENERGY limits must be ZERO, or BLANK (DEF), unless you wish to only process a portion of resonance regions.</p> <p>These energy limits are only read from the first MAT/ZA request line.</p> <p>If both are ZERO (or BLANK) the entire resonance region for each material will be processed.</p> <p>If limits are input only that portion of the resonance region for each material which lies between these limits will be processed.</p> |
| | 12 -22 (I11) | Maximum MAT or ZA (see 1-11, line 1) | |
| | 23-33 (E11.4) | Lower energy limit for processing | |
| | 34-44 (E11.4) | Upper energy limit for processing | |
| K | 1-11 (E11.4) | Energy for error law | If the error law is energy independent only a single error is given (DEFault 0.001) |
| | 12-22 (E11.4) | Allowable fractional error for error law | <p>If the error law is energy dependent up to 20 energies, error pairs are allowed. For an energy dependent error law all energies must be ascending energy order.</p> <p>The end of error law is terminated by a BLANK line.</p> |