

Serpent 1.1.7 cross section library based on ENDF/B-VII

Continuous-energy ACE format data library generated using NJOY-99.259 with 0.01 fractional reconstruction tolerance. For more specific information on the NJOY parameters, see `sss_aceLIB117.pdf`. Total 432 nuclides at 6 temperatures. Uncompressed library size 7.0 GB. General format:

`<ZA>.<id>`

where `<id>` = 03c for 300K data, `<id>` = 06c for 600K data etc. Use the `xsdirconvert.pl` utility script to convert `xsdir` to Serpent directory file.

| ZA | Evaluation | Temperatures (in kelvin) | prob. tables |
|-----------|-------------------|---------------------------------|---------------------|
| 1001 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 1002 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 1003 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 2000 | BROND 2.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 2003 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 2004 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 3006 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 3007 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 4007 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 4009 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 5010 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 5011 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 6000 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 6012 | JENDL 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 7014 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 7015 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 8016 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 8017 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 9019 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 11022 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 11023 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 12000 | ENDF/B VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 12024 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 12025 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 12026 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 13027 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 14000 | JENDL 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 14028 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 14029 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 14030 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |
| 15031 | ENDF/B VII | 300, 600, 900, 1200, 1500, 1800 | |

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|-------|--------|------|---------------------------------|---|
| 16000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 16032 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 16033 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 16034 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 16036 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 17000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 17035 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 17037 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 18036 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 18038 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 18040 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 19000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 19039 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 19040 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 19041 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 20000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 20040 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 20042 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 20043 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 20044 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 20046 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 20048 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 21045 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 22000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 22046 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 22047 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 22048 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 22049 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 22050 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 23000 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 23051 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 24000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 24050 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 24052 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 24053 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 24054 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 25055 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 26000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 26054 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 26056 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 26057 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 26058 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 27058 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 27059 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |

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| 27358 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 28000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 28058 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 28059 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 28060 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 28061 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 28062 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 28064 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 29000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 29063 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 29065 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 30000 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 30064 | JEF | 2.2 | 300, 600, 900, 1200, 1500, 1800 | X |
| 31000 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 31069 | JENDL | 3.3 | 300, 600, 900, 1200, 1500, 1800 | |
| 31071 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 32000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 32070 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 32072 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 32073 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 32074 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 32076 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 33074 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 33075 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 34074 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 34076 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 34077 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 34078 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 34079 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 34080 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 34082 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 35079 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 35081 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 36078 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 36080 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 36082 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 36083 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 36084 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 36085 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 36086 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 37085 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 37086 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 37087 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 38084 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |

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|-------|--------|------|---------------------------------|---|
| 38086 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 38087 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 38088 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 38089 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 38090 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 39089 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 39090 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 39091 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 40000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | X |
| 40090 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 40091 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 40092 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 40093 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 40094 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 40095 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 40096 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 41093 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 41094 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 41095 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | X |
| 42092 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42094 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42095 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42096 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42097 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42098 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42099 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 42100 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 43099 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44096 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44098 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44099 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44100 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44101 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44102 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44103 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44104 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 44105 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 44106 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 45103 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 45105 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 46102 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 46104 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 46105 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |

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|-------|--------|-------|---------------------------------|---|
| 46106 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 46107 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 46108 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 46110 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 47000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | X |
| 47107 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 47109 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 47111 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 47310 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 48106 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48108 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48110 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48111 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48112 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48113 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48114 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48116 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 48315 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 49000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | |
| 49113 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 49115 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50000 | JENDL | 2.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 50112 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50113 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50114 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50115 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50116 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50117 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50118 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50119 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50120 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50122 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 50123 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50124 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 50125 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 50126 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 51000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | X |
| 51121 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 51123 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 51124 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 51125 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 51126 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 52120 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |

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|-------|--------|-----|---------------------------------|---|
| 58136 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 58138 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 58139 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 58140 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 58141 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 58142 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 58143 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 58144 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 59141 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 59142 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 59143 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60142 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60143 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60144 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60145 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60146 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60147 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60148 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 60150 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 61147 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 61148 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 61149 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 61151 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 61348 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 62000 | BROND | 2.2 | 300, 600, 900, 1200, 1500, 1800 | X |
| 62144 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62147 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62148 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62149 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62150 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62151 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62152 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62153 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 62154 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 63000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | X |
| 63151 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 63152 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 63153 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 63154 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 63155 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 63156 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 63157 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 64000 | BROND | 2.2 | 300, 600, 900, 1200, 1500, 1800 | X |
| 64152 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |

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|-------|--------|------|---------------------------------|---|
| 64153 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 64154 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 64155 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 64156 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 64157 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 64158 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 64160 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 65159 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 65160 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 66156 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 66158 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 66160 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 66161 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 66162 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 66163 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 66164 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 67165 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 67366 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 68162 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 68164 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 68166 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 68167 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 68168 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 68170 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 71000 | JENDL | 2.1 | 300, 600, 900, 1200, 1500, 1800 | X |
| 71175 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 71176 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 72000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | X |
| 72174 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 72176 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 72177 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 72178 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 72179 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 72180 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 73181 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 73182 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 74000 | ENDF/B | VI.8 | 300, 600, 900, 1200, 1500, 1800 | X |
| 74182 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 74183 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 74184 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 74186 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 75000 | BROND | 2.2 | 300, 600, 900, 1200, 1500, 1800 | X |
| 75185 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 75187 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |

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| 76000 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 77000 | BROND | 2.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 77191 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 77193 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 78000 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 79197 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 80000 | JENDL | 2.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 80196 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 80198 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 80199 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 80200 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 80201 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 80202 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 80204 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 81000 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 82000 | JENDL | 3.2 | 300, 600, 900, 1200, 1500, 1800 | |
| 82204 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 82206 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 82207 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 82208 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 83209 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 88223 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 88224 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 88225 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 88226 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 89225 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 89226 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 89227 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 90227 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 90228 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 90229 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 90230 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 90232 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 90233 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 90234 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 91231 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 91232 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 91233 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92232 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92233 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92234 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92235 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92236 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92237 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |

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|-------|--------|-------|---------------------------------|---|
| 92238 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92239 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92240 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 92241 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 93235 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 93236 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 93237 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 93238 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 93239 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 94236 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94237 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 94238 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94239 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94240 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94241 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94242 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94243 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94244 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 94246 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 95241 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 95242 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 95243 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 95244 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 95342 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 95344 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 96240 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | X |
| 96241 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 96242 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96243 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96244 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96245 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96246 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96247 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96248 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96249 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 96250 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 97247 | JEFF | 3.1.1 | 300, 600, 900, 1200, 1500, 1800 | |
| 97249 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 97250 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 98249 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 98250 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 98251 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 98252 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 98253 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |

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|--------|--------|-----|---------------------------------|---|
| 98254 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 99253 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | X |
| 99254 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 99255 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |
| 100255 | ENDF/B | VII | 300, 600, 900, 1200, 1500, 1800 | |