

Serpent 1.1.7 cross section library based on JEFF-3.1

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 5.4 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	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
1002	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
1003	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
2000	BROND	2.2	300, 600, 900, 1200, 1500, 1800	
2003	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
2004	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
3006	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
3007	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
4007	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	
4009	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
5010	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
5011	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
6000	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
6012	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	
7014	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
7015	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
8016	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
8017	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
9019	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
11022	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
11023	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
12000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
12024	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
12025	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
12026	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
13027	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
14000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	
14028	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
14029	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
14030	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
15031	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	

16000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
16032	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
16033	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
16034	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
16036	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
17000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
17035	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
17037	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
18036	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
18038	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
18040	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
19000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
19039	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
19040	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
19041	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
20000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
20040	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
20042	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
20043	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
20044	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
20046	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
20048	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
21045	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
22000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
22046	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
22047	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
22048	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
22049	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
22050	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
23000	JEFF	3.1	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	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
24052	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
24053	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
24054	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
25055	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
26000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	
26054	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
26056	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
26057	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
26058	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
27058	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
27059	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	

27358	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
28000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	
28058	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
28059	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
28060	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
28061	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
28062	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
28064	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
29000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	
29063	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
29065	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
30000	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
30064	JEF	2.2	300, 600, 900, 1200, 1500, 1800	X
31000	JEFF	3.1	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	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
32072	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
32073	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
32074	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
32076	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
33074	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X
33075	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
34074	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
34076	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
34077	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
34078	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
34079	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
34080	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
34082	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
35079	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
35081	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
36078	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
36080	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
36082	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
36083	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
36084	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
36085	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
36086	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
37085	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
37086	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
37087	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
38084	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	

38086	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
38087	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
38088	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
38089	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
38090	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
39089	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
39090	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
39091	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
40000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	X
40090	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
40091	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
40092	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
40093	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
40094	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
40095	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
40096	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
41093	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
41094	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
41095	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	X
42092	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42094	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42095	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42096	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42097	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42098	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42099	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
42100	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
43099	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
44096	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
44098	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
44099	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
44100	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
44101	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
44102	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
44103	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
44104	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
44105	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
44106	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
45103	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
45105	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
46102	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
46104	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
46105	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X

46106	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
46107	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
46108	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
46110	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
47000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	X
47107	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
47109	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
47111	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
47310	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
48000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
48106	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
48108	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
48110	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
48111	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
48112	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
48113	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
48114	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
48116	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
48315	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
49000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	
49113	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
49115	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50000	JENDL	2.1	300, 600, 900, 1200, 1500, 1800	
50112	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50113	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X
50114	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50115	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50116	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50117	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50118	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50119	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50120	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50122	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50123	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
50124	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
50125	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
50126	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
51000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	X
51121	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
51123	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
51124	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
51125	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
51126	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52120	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	

52122	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52123	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52124	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52125	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52126	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52128	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52130	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52132	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52327	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
52329	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
53127	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
53129	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
53130	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
53131	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
53135	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54123	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	
54124	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54126	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54128	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54129	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54130	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54131	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54132	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54133	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54134	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54135	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
54136	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
55133	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
55134	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
55135	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
55136	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
55137	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
56130	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
56132	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
56133	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X
56134	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
56135	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
56136	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
56137	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
56138	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
56140	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
57138	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
57139	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
57140	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	

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	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
58141	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
58142	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
58143	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
58144	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
59141	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
59142	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
59143	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
60142	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
60143	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
60144	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
60145	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
60146	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
60147	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
60148	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
60150	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
61147	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
61148	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
61149	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
61151	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
61348	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
62000	BROND	2.2	300, 600, 900, 1200, 1500, 1800	X
62144	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
62147	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
62148	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
62149	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
62150	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
62151	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
62152	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
62153	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
62154	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
63000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	X
63151	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
63152	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
63153	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
63154	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
63155	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
63156	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
63157	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
64000	BROND	2.2	300, 600, 900, 1200, 1500, 1800	X
64152	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X

64153	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X
64154	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
64155	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
64156	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
64157	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
64158	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
64160	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
65159	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
65160	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
66156	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X
66158	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X
66160	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
66161	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
66162	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
66163	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
66164	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
67165	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
67366	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X
68162	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
68164	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
68166	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
68167	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
68168	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
68170	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
71000	JENDL	2.1	300, 600, 900, 1200, 1500, 1800	X
71175	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
71176	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
72000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	X
72174	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
72176	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
72177	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
72178	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
72179	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
72180	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
73181	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
73182	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
74000	ENDF/B	VI.8	300, 600, 900, 1200, 1500, 1800	X
74182	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
74183	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
74184	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
74186	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
75000	BROND	2.2	300, 600, 900, 1200, 1500, 1800	X
75185	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
75187	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X

76000	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
77000	BROND	2.2	300, 600, 900, 1200, 1500, 1800	
77191	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
77193	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
78000	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
79197	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
80000	JENDL	2.1	300, 600, 900, 1200, 1500, 1800	
80196	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
80198	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
80199	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
80200	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
80201	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
80202	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
80204	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
81000	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
82000	JENDL	3.2	300, 600, 900, 1200, 1500, 1800	
82204	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
82206	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
82207	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
82208	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
83209	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
88223	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
88224	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
88225	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
88226	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
89225	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
89226	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
89227	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
90227	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
90228	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
90229	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
90230	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
90232	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
90233	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
90234	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
91231	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
91232	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
91233	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
92232	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
92233	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
92234	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
92235	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
92236	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
92237	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X

92238	JEFF	3.1	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	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
93236	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
93237	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
93238	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
93239	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
94236	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94237	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
94238	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94239	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94240	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94241	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94242	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94243	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94244	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
94246	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
95241	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
95242	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
95243	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
95244	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
95342	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
95344	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
96240	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96241	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
96242	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96243	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96244	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96245	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96246	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96247	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96248	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96249	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
96250	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
97247	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
97249	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
97250	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
98249	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
98250	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
98251	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
98252	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
98253	ENDF/B	VII	300, 600, 900, 1200, 1500, 1800	X

98254	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
99253	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	X
99254	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
99255	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	
100255	JEFF	3.1	300, 600, 900, 1200, 1500, 1800	