

おしらせ

ENDF/B-IVについて

原研核データ研究室

CCDNよりENDF/B-IVのデータを入手致しましたのでお知らせ致します。今回入手したテープは、前回(JNDCニュースNo. 31 に記載)に続いてファイル7からファイル12, ファイル14からファイル19までです。なお、核種についての詳細については、表1を参照して下さい。この表には前回入手した核種と共に、今回入手した核種を掲載しております。なおファイル13については、現在CCDNへ問合せ中ですので、回答を得次第お知らせ致します。また、ENDF/Bの利用に際しては、これまで同様の御留意をお願い致します。核データについての詳細な問合せは、当研究室成田あるいは中川(Tel. 02928-2-5484又は5481)へお願いします。

TABLE OF CONTENTS

ENDF/B-IV		TAPE	401
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
74-W -182	1128	74-W -163	1129
74-W 184	1130	74-W -186	1131
1-H - 3	1169	20-CA	1195
2-HE- 4	1270		

ENDF/B-IV		TAPE	402
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
		66-DY-164	1031
71-LU-173	1032	71-LU-176	1033
1-H - 2	1120	2-HE- 3	1146
54-XE-124	1170	54-XE-126	1171
54-XE-128	1172	54-XE-129	1173
54-XE-130	1174	54-XE-131	1175
54-XE-132	1176	54-XE-134	1177
54-XE-136	1178	36-KR- 78	1181
36-KR- 80	1182	36-KR- 82	1183
36-KR- 83	1184	36-KR- 84	1185
36-KR- 86	1186	23-V	1196

ENDF/B-IV		TAPE	403
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
62-SM-149	1027	64-GD	1030
72-RE-185	1083	75-RE-187	1084
45-RH-103	1125	73-TA-182	1127
43-TC- 99	1137	47-AG-107	1138
47-AG-109	1139	55-CS-133	1141
17-CL	1149	19-K	1150
11-NA- 23	1156	5-B - 11	1160

ENDF/B-IV		TAPE	404
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
92-U -234	1043	94-PU-238	1050
95-AM-241	1056	95-AM-243	1057
94-PU-242	1161	96-CM-244	1162
92-U -236	1163	1-H - 1	1269

TABLE OF CONTENTS

ENDF/B-IV		TAPE	404
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
3-LI- 6	1271	3-LI- 7	1272
5-B - 10	1273	4-BE- 9	1289
54-XE-135	1294	90-TH-232	1296

ENDF/B-IV		TAPE	405
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
13-AL- 27	1193	14-SI	1194
12-MG	1280		

ENDF/B-IV		TAPE	406
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
		28-NI	1190
24-CR	1191	26-FE	1192

ENDF/B-IV		TAPE	407
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
92-U -235	1261	94-PU-239	1264
94-PU-240	1265	94-PU-241	1266
91-PA-233	1297		

ENDF/B-IV		TAPE	408
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
		6-C - 12	1274
7-N - 14	1275	8-O - 16	1276
82-PB	1288		

ENDF/B-IV		TAPE	409
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
		25-MN- 55	1197
92-U -233	1260	92-U -238	1262
93-NP-237	1263	22-TI	1286

TABLE OF CONTENTS

ENDF/B-IV		TAPE		409
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
42-MO	1287			
ENDF/B-IV		TAPE		410
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
63-EU-151	1290	27-CO- 59	1199	
63-EU-152	1292	63-EU-153	1291	
29-CU	1295	63-EU-154	1293	
ENDF/B-IV		TAPE		411
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
9-F	1277	41-NB- 93	1189	
48-CD-113	1282	48-CD	1281	
40-ZIKC-2	1284	79-AU-197	1283	
		73-TA-181	1285	
ENDF/B-IV		TAPE		412
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
11-NA- 23	6136	13-AL- 27	6193	
25-MN- 55	6197	27-CO- 59	6199	
92-U -235	6261	92-U -238	6262	
93-NP-237	6263	92-PU-239	6264	
3-LI- 6	6271	5-B - 10	6273	
79-AU-197	6283	90-TH-232	6296	
49-IN-115	6406	16-S - 32	6407	
26-FE- 56	6410	29-CU- 63	6411	
29-CU- 65	6412	53-I -127	6414	
21-SC- 45	6415	49-IN-115	6416	
26-FE- 54	6417	26-FE- 58	6418	
28-NI- 58	6419	28-NI- 60	6420	
22-TI- 46	6421	22-TI- 47	6422	
22-TI- 48	6423			
ENDF/B-IV		TAPE		414
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
		27-CO- 72	1	

TABLE OF CONTENTS

ENDF/B-IV		TAPE		414
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
27-CO- 73	2	27-CO- 74	3	
27-CO- 75	4	28-NI- 72	5	
28-NI- 73	6	28-NI- 74	7	
28-NI- 75	8	28-NI- 76	9	
28-NI- 77	10	28-NI- 78	11	
29-CU- 72	12	29-CU- 73	13	
29-CU- 74	14	29-CU- 75	15	
29-CU- 76	16	29-CU- 77	17	
29-CU- 78	18	29-CU- 79	19	
29-CU- 80	20	29-CU- 81	21	
30-ZN- 72	22	30-ZN- 73	23	
30-ZN- 74	24	30-ZN- 75	25	
30-ZN- 76	26	30-ZN- 77	27	
30-ZN- 78	28	30-ZN- 79	29	
30-ZN- 80	30	30-ZN- 81	31	
30-ZN- 82	32	30-ZN- 83	33	
31-GA- 72	34	31-GA- 72	34	
31-GA- 73	35	31-GA- 74	36	
31-GA- 75	37	31-GA- 76	38	
31-GA- 77	39	31-GA- 78	40	
31-GA- 79	41	31-GA- 80	42	
31-GA- 81	43	31-GA- 82	44	
31-GA- 83	45	31-GA- 84	46	
31-GA- 85	47	32-GE- 72	48	
32-GE- 73	49	32-GE- 73	50	
32-GE- 74	51	32-GE- 75	52	
32-GE- 75	53	32-GE- 76	54	
32-GE- 77	55	32-GE- 77	56	
32-GE- 78	57	32-GE- 79	58	
32-GE- 80	59	32-GE- 81	60	
32-GE- 82	61	32-GE- 83	62	
32-GE- 84	63	32-GE- 85	64	
32-GE- 86	65	32-GE- 87	66	
32-GE- 88	67	33-AS- 75	68	
33-AS- 76	69	33-AS- 77	70	
33-AS- 78	71	33-AS- 79	72	
33-AS- 80	73	33-AS- 81	74	
33-AS- 82	75	33-AS- 82	76	
33-AS- 83	77	33-AS- 84	78	
33-AS- 85	79	33-AS- 86	80	
33-AS- 87	81	33-AS- 88	82	
33-AS- 89	83	33-AS- 90	84	
34-SE- 76	85	34-SE- 77	86	

TABLE OF CONTENTS

ENDF/B-IV		TAPE	414
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
34-SE- 77	87	34-SE- 78	88
34-SE- 79	89	34-SE- 79	90
34-SE- 80	91	34-SE- 81	92
34-SE- 81	93	34-SE- 82	94
34-SE- 83	95	34-SE- 83	96
34-SE- 84	97	34-SE- 85	98
34-SE- 85	99	34-SE- 86	100
34-SE- 87	101	34-SE- 88	102
34-SE- 89	103	34-SE- 90	104
34-SE- 91	105	34-SE- 92	106
34-SE- 93	107	35-BR- 79	108
35-BR- 79	109	35-BR- 80	110
35-BR- 80	111	35-BR- 81	112
35-BR- 82	113	35-BR- 82	114
35-BR- 83	115	35-BR- 84	116
35-BR- 84	117	35-BR- 85	118
35-BR- 86	119	35-BR- 86	120
35-BR- 87	121	35-BR- 88	122
35-BR- 89	123	35-BR- 90	124
35-BR- 91	125	35-BR- 92	126
35-BR- 93	127	35-BR- 94	128
35-BR- 95	129	35-BR- 96	130
36-KR- 80	131	36-KR- 81	132
36-KR- 81	133	36-KR- 82	134
36-KR- 83	135	36-KR- 83	136
36-KR- 84	137	36-KR- 85	138
36-KR- 85	139	36-KR- 86	140
36-KR- 87	141	36-KR- 88	142
36-KR- 89	143	36-KR- 90	144
36-KR- 91	145	36-KR- 92	146
36-KR- 93	147	36-KR- 94	148
36-KR- 95	149	36-KR- 96	150
36-KR- 97	151	36-KR- 98	152
37-RB- 85	153	37-RB- 86	154
37-RB- 86	155	37-RB- 87	156
37-RB- 88	157	37-RB- 89	158
37-RB- 90	159	37-RB- 90	160
37-RB- 91	161	37-RB- 92	162
37-RB- 93	163	37-RB- 94	164
37-RB- 95	165	37-RB- 96	166
37-RB- 97	167	37-RB- 98	168
37-RB- 99	169	37-RB-100	170
37-RB-101	171	38-SR- 86	172

TABLE OF CONTENTS

ENDF/B-IV		TAPE	414
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
38-SR- 87	173	38-SR- 87	174
38-SR- 88	175	38-SR- 89	176
38-SR- 90	177	38-SR- 91	178
38-SR- 92	179	38-SR- 93	180
38-SR- 94	181	38-SR- 95	182
38-SR- 96	183	38-SR- 97	184
38-SR- 98	185	38-SR- 99	186
38-SR-100	187	38-SR-101	188
38-SR-102	189	38-SR-103	190
38-SR-104	191	39-Y - 89	192
39-Y - 89	193	39-Y - 90	194
39-Y - 90	195	39-Y - 91	196
39-Y - 91	197	39-Y - 92	198
39-Y - 93	199	39-Y - 93	200

  

ENDF/B-IV		TAPE	415
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
39-Y - 94	201	39-Y - 95	202
39-Y - 96	203	39-Y - 97	204
39-Y - 98	205	39-Y - 99	206
39-Y -100	207	39-Y -101	208
39-Y -102	209	39-Y -103	210
39-Y -104	211	39-Y -105	212
39-Y -106	213	39-Y -107	214
40-ZR- 90	215	40-ZR- 90	216
40-ZR- 91	217	40-ZR- 92	218
40-ZR- 93	219	40-ZR- 94	220
40-ZR- 95	221	40-ZR- 96	222
40-ZR- 97	223	40-ZR- 98	224
40-ZR- 99	225	40-ZR-100	226
40-ZR-101	227	40-ZR-102	228
40-ZR-103	229	40-ZR-104	230
40-ZR-105	231	40-ZR-106	232
40-ZR-107	233	40-ZR-108	234
40-ZR-109	235	41-NB- 93	236
41-NB- 93	237	41-NB- 94	238
41-NB- 94	239	41-NB- 95	240
41-NB- 95	241	41-NB- 96	242
41-NB- 97	243	41-NB- 97	244
41-NB- 98	245	41-NB- 98	246

TABLE OF CONTENTS

ENDF/B-IV		TAPE		415	
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
41-NB-99	247	41-NB-99	248		
41-NB-100	249	41-NB-100	250		
41-NB-101	252	41-NB-102	253		
41-NB-103	254	41-NB-104	255		
41-NB-105	256	41-NB-106	257		
41-NB-107	258	41-NB-108	259		
41-NB-109	260	41-NB-110	261		
41-NB-111	262	41-NB-112	263		
42-MO-94	264	42-MO-95	265		
42-MO-96	266	42-MO-97	267		
42-MO-98	268	42-MO-99	269		
42-MO-100	270	42-MO-101	271		
42-MO-102	272	42-MO-103	273		
42-MO-104	274	42-MO-105	275		
42-MO-106	276	42-MO-107	277		
42-MO-108	278	42-MO-109	279		
42-MO-110	280	42-MO-111	281		
42-MO-112	282	42-MO-113	283		
42-MO-114	284	42-MO-115	285		
43-TC-99	286	43-TC-99	287		
43-TC-100	288	43-TC-101	289		
43-TC-102	290	43-TC-102	291		
43-TC-103	292	43-TC-104	293		
43-TC-105	294	43-TC-106	295		
43-TC-107	296	43-TC-108	297		
43-TC-109	298	43-TC-110	299		
43-TC-111	300	43-TC-112	301		
43-TC-113	302	43-TC-114	303		
43-TC-115	304	43-TC-116	305		
43-TC-117	306	43-TC-118	307		
44-RU-99	308	44-RU-100	309		
44-RU-101	310	44-RU-102	311		
44-RU-103	312	44-RU-104	313		
44-RU-105	314	44-RU-106	315		
44-RU-107	316	44-RU-108	317		
44-RU-109	318	44-RU-110	319		
44-RU-111	320	44-RU-112	321		
44-RU-113	322	44-RU-114	323		
44-RU-115	324	44-RU-116	325		
44-RU-117	326	44-RU-118	327		
44-RU-119	328	44-RU-120	329		
45-RH-103	330	45-RH-103	331		
45-RH-104	332	45-RH-104	333		

- 51 -

TABLE OF CONTENTS

ENDF/B-IV		TAPE		415	
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
45-RH-105	334	45-RH-105	335		
45-RH-106	336	45-RH-106	337		
45-RH-107	338	45-RH-108	339		
45-RH-108	340	45-RH-109	341		
45-RH-109	342	45-RH-110	343		
45-RH-110	344	45-RH-111	345		
45-RH-112	346	45-RH-113	347		
45-RH-114	348	45-RH-115	349		
45-RH-116	350	45-RH-117	351		
45-RH-118	352	45-RH-119	353		
45-RH-120	354	45-RH-121	355		
45-RH-122	356	45-RH-123	357		
46-PD-104	358	46-PD-105	359		
46-PD-106	360	46-PD-107	361		
46-PD-107	362	46-PD-108	363		
46-PD-109	364	46-PD-109	365		
46-PD-110	366	46-PD-111	367		
46-PD-111	368	46-PD-112	369		
46-PD-113	370	46-PD-114	371		
46-PD-115	372	46-PD-116	373		
46-PD-117	374	46-PD-118	375		
46-PD-119	376	46-PD-120	377		
46-PD-121	378	46-PD-122	379		
46-PD-123	380	46-PD-124	381		
46-PD-125	382	46-PD-126	383		
47-AG-107	384	47-AG-108	385		
47-AG-108	386	47-AG-109	387		
47-AG-109	388	47-AG-110	389		
47-AG-110	390	47-AG-111	391		
47-AG-111	392	47-AG-112	393		
47-AG-113	394	47-AG-113	395		
47-AG-114	396	47-AG-115	397		
47-AG-115	398	47-AG-116	399		
47-AG-116	400				

  

ENDF/B-IV		TAPE		416	
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
		47-AG-117	401		
47-AG-117	402	47-AG-118	403		
47-AG-118	404	47-AG-119	405		
47-AG-120	406	47-AG-121	407		

## TABLE OF CONTENTS

ENDF/B-IV		TAPE 416	
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
47-AG-122	408	47-AG-123	409
47-AG-124	410	47-AG-125	411
47-AG-126	412	47-AG-127	413
47-AG-128	414	48-CD-108	415
48-CD-109	416	48-CD-110	417
48-CD-111	418	48-CD-111	419
48-CD-112	420	48-CD-113	421
48-CD-113	422	48-CD-114	423
48-CD-115	424	48-CD-115	425
48-CD-116	426	48-CD-117	427
48-CD-117	428	48-CD-118	429
48-CD-119	430	48-CD-119	431
48-CD-120	432	48-CD-121	433
48-CD-122	434	48-CD-123	435
48-CD-124	436	48-CD-125	437
48-CD-126	438	48-CD-127	439
48-CD-128	440	48-CD-129	441
48-CD-130	442	48-CD-131	443
48-CD-132	444	49-IN-113	445
49-IN-113	446	49-IN-114	447
49-IN-114	448	49-IN-115	449
49-IN-115	450	49-IN-116	451
49-IN-116	452	49-IN-116	453
49-IN-117	454	49-IN-117	455
49-IN-118	456	49-IN-118	457
49-IN-118	458	49-IN-119	459
49-IN-119	460	49-IN-120	461
49-IN-120	462	49-IN-121	463
49-IN-121	464	49-IN-122	465
49-IN-122	466	49-IN-123	467
49-IN-123	468	49-IN-124	469
49-IN-125	470	49-IN-125	471
49-IN-126	472	49-IN-127	473
49-IN-127	474	49-IN-128	475
49-IN-129	476	49-IN-130	477
49-IN-131	478	49-IN-132	479
49-IN-133	480	49-IN-134	481
50-SN-115	482	50-SN-116	483
50-SN-117	484	50-SN-117	485
50-SN-118	486	50-SN-119	487
50-SN-119	488	50-SN-120	489
50-SN-121	490	50-SN-121	491
50-SN-122	492	50-SN-123	493

## TABLE OF CONTENTS

ENDF/B-IV		TAPE 416	
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.
50-SN-123	494	50-SN-124	495
50-SN-125	496	50-SN-125	497
50-SN-126	498	50-SN-127	499
50-SN-127	500	50-SN-128	501
50-SN-129	502	50-SN-129	503
50-SN-130	504	50-SN-131	505
50-SN-132	506	50-SN-133	507
50-SN-134	508	50-SN-135	509
50-SN-136	510	51-SB-121	511
51-SB-122	513	51-SB-122	513
51-SB-123	514	51-SB-124	515
51-SB-124	516	51-SB-124	517
51-SB-125	518	51-SB-126	519
51-SB-126	520	51-SB-127	521
51-SB-128	522	51-SB-128	523
51-SB-129	524	51-SB-130	525
51-SB-130	526	51-SB-131	527
51-SB-132	528	51-SB-132	529
51-SB-133	530	51-SB-134	531
51-SB-134	532	51-SB-135	533
51-SB-136	534	51-SB-137	535
51-SB-138	536	51-SB-139	537
52-TE-122	538	52-TE-123	539
52-TE-123	540	52-TE-124	541
52-TE-125	542	52-TE-125	543
52-TE-126	544	52-TE-127	545
52-TE-127	546	52-TE-128	547
52-TE-129	548	52-TE-129	549
52-TE-130	550	52-TE-131	551
52-TE-131	552	52-TE-132	553
52-TE-133	554	52-TE-133	555
52-TE-134	556	52-TE-135	557
52-TE-136	558	52-TE-137	559
52-TE-138	560	52-TE-139	561
52-TE-140	562	52-TE-141	563
52-TE-142	564	53-I -127	565
53-I -128	566	53-I -129	567
53-I -130	568	53-I -130	569
53-I -131	570	53-I -132	571
53-I -133	572	53-I -133	573
53-I -134	574	53-I -134	575
53-I -135	576	53-I -136	577
53-I -136	578	53-I -137	579

TABLE OF CONTENTS

ENDF/B-IV		TAPE		416
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
53-I -138	580			
ENDF/B-IV		TAPE		417
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
		53-I -139	581	
53-I -140	582	53-I -141	583	
53-I -142	584	53-I -143	585	
53-I -144	586	53-I -145	587	
54-XE-128	588	54-XE-129	589	
54-XE-129	590	54-XE-130	591	
54-XE-131	592	54-XE-131	593	
54-XE-132	594	54-XE-133	595	
54-XE-133	596	54-XE-134	597	
54-XE-134	598	54-XE-135	599	
54-XE-135	600	54-XE-136	601	
54-XE-137	602	54-XE-138	603	
54-XE-139	604	54-XE-140	605	
54-XE-141	606	54-XE-142	607	
54-XE-143	608	54-XE-144	609	
54-XE-145	610	54-XE-146	611	
54-XE-147	612	55-CS-133	613	
55-CS-134	614	55-CS-134	615	
55-CS-135	616	55-CS-135	617	
55-CS-136	618	55-CS-137	619	
55-CS-138	620	55-CS-138	621	
55-CS-139	622	55-CS-140	623	
55-CS-141	624	55-CS-142	625	
55-CS-143	626	55-CS-144	627	
55-CS-145	628	55-CS-146	629	
55-CS-147	630	55-CS-148	631	
55-CS-149	632	55-CS-150	633	
56-BA-134	634	56-BA-135	635	
56-BA-135	636	56-BA-136	637	
56-BA-136	638	56-BA-137	639	
56-BA-137	640	56-BA-138	641	
56-BA-139	642	56-BA-140	643	
56-BA-141	644	56-BA-142	645	
56-BA-143	646	56-BA-144	647	
56-BA-145	648	56-BA-146	649	
56-BA-147	650	56-BA-148	651	
56-BA-149	652	56-BA-150	653	

- 53 -

TABLE OF CONTENTS

ENDF/B-IV		TAPE		417
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
56-BA-151	654	56-BA-152	655	
57-LA-138	656	57-LA-139	657	
57-LA-140	658	57-LA-141	659	
57-LA-142	660	57-LA-143	661	
57-LA-144	662	57-LA-145	663	
57-LA-146	664	57-LA-147	665	
57-LA-148	666	57-LA-149	667	
57-LA-150	668	57-LA-151	669	
57-LA-152	670	57-LA-153	671	
57-LA-154	672	57-LA-155	673	
58-CE-140	674	58-CE-141	675	
58-CE-142	676	58-CE-145	677	
58-CE-144	678	58-CE-145	679	
58-CE-146	680			
ENDF/B-IV		TAPE		418
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
		58-CE-147	681	
58-CE-148	682	58-CE-149	683	
58-CE-150	684	58-CE-151	685	
58-CE-152	686	58-CE-153	687	
58-CE-154	688	58-CE-155	689	
58-CE-156	690	58-CE-157	691	
59-PR-141	692	59-PR-142	693	
59-PR-142	694	59-PR-143	695	
59-PR-144	696	59-PR-144	697	
59-PR-145	698	59-PR-146	699	
59-PR-147	700	59-PR-146	701	
59-PR-149	702	59-PR-150	703	
59-PR-151	704	59-PR-152	705	
59-PR-153	706	59-PR-154	707	
59-PR-155	708	59-PR-156	709	
59-PR-157	710	59-PR-156	711	
59-PR-159	712	60-ND-142	713	
60-ND-143	714	60-ND-144	715	
60-ND-145	716	60-ND-146	717	
60-ND-147	718	60-ND-146	719	
60-ND-149	720	60-ND-150	721	
60-ND-151	722	60-ND-152	723	
60-ND-153	724	60-ND-154	725	
60-ND-155	726	60-ND-156	727	

TABLE OF CONTENTS

ENDF/B-IV		TAPE		418
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
60-ND-157	728	60-ND-158	729	
60-ND-159	730	60-ND-160	731	
60-ND-161	732	61-PM-147	733	
61-PM-148	734	61-PM-148	735	
61-PM-149	736	61-PM-150	737	
61-PM-151	738	61-PM-152	739	
61-PM-152	740	61-PM-152	741	
61-PM-153	742	61-PM-154	743	
61-PM-154	744	61-PM-155	745	
61-PM-156	746	61-PM-157	747	
61-PM-158	748	61-PM-159	749	
61-PM-160	750	61-PM-161	751	
61-PM-162	752	62-SM-147	753	
62-SM-148	754	62-SM-149	755	
62-SM-150	756	62-SM-151	757	
62-SM-152	758	62-SM-153	759	
62-SM-154	760	62-SM-155	761	
62-SM-156	762	62-SM-157	763	
62-SM-158	764	62-SM-159	765	
62-SM-160	766	62-SM-161	767	
62-SM-162	768	62-SM-163	769	
62-SM-164	770	62-SM-165	771	

154

TABLE OF CONTENTS

ENDF/B-IV		TAPE		419
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
64-GD-165	802	65-TB-159	803	
65-TB-160	804	65-TB-161	805	
65-TB-162	806	65-TB-162	807	
65-TB-163	808	65-TB-164	809	
65-TB-165	810	66-DY-160	811	
66-DY-161	812	66-DY-162	813	
66-DY-163	814	66-DY-164	815	
66-DY-165	816	66-DY-165	817	
66-DY-165	818	66-DY-166	819	
67-HO-165	820	67-HO-166	821	
67-HO-166	822	68-ER-166	823	
68-ER-167	824	68-ER-167	825	

ENDF/B-IV TAPE 419

ENDF/B-IV		TAPE		419
MATERIAL	MATERIAL NO.	MATERIAL	MATERIAL NO.	
63-EU-151	772	63-EU-152	773	
63-EU-152	774	63-EU-152	775	
63-EU-153	776	63-EU-154	777	
63-EU-155	778	63-EU-156	779	
63-EU-157	780	63-EU-158	781	
63-EU-159	782	63-EU-160	783	
63-EU-161	784	63-EU-162	785	
63-EU-163	786	63-EU-164	787	
63-EU-165	788	64-GD-152	789	
64-GD-153	790	64-GD-154	791	
64-GD-155	792	64-GD-156	793	
64-GD-157	794	64-GD-158	795	
64-GD-159	796	64-GD-160	797	
64-GD-161	798	64-GD-162	799	
64-GD-163	800	64-GD-164	801	