

EXFORに変換したデータ

Data translated into EXFOR

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今年度は1992年度にNRDFに収集されたデータの中から日本で生産されたもので変換可能なものを選択してEXFORに変換した。変換したデータは磁気テープで送ることになっているが、このテープはTRANSテープとよばれる。このTRANSテープには”E”で始まるシリアル番号を割り当てることになっており、今年作成するTRANSテープは10本目にあたる。それで、変換したデータはTRANSテープE010に編集してIAEAに送った。

TRANS E010には29エントリー(NRDFの1データストリームはEXFORの1エントリーに変換される)のデータが入っている。1991年度はNRDFに56のデータストリームがコンパイルされているので、EXFORに変換できたのはエントリーの数にして約51%であった。資料1にTRANS E010のデータのインデックス・リスティングを掲げる。

これまでにIAEAに送ったエントリーに対して、V. McLane と O. Schwerer からそれぞれ資料2と資料3のコメントがよせられている。これらのコメントに従ってNTX 翻訳変換プログラムを修正して、該当するエントリーを変換しなおして再度送る必要がある。

資料 1

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REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
6-C-12(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315010	23
6-C-12(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315011	16
6-C-12(D,P+X),PAR,POL/DA	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315016	23
6-C-12(HE3,N)8-0-14,PAR,DA	4.55+07	2JPNTOH	87	ABE+	J,NP/A,466,109,87	E1364002	10
6-C-12(HE3,N)8-0-14,PAR,DA	4.55+07	2JPNTOH	87	ABE+	J,NP/A,466,109,87	E1364003	8
6-C-12(P,INL)6-C-12,PAR,DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316002	16
6-C-12(P,INL)6-C-12,PAR,DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316003	16
6-C-12(P,INL)6-C-12,PAR,DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316004	16
6-C-12(P,INL)6-C-12,PAR,POL/DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316007	16
6-C-12(P,INL)6-C-12,PAR,POL/DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316008	16
6-C-12(P,INL)6-C-12,PAR,POL/DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316009	16
6-C-12(P,N)7-N-12,PAR,DA	3.50+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372002	16
6-C-12(P,N)7-N-12,PAR,DA	3.50+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372003	14
6-C-12(P,N)7-N-12,PAR,DA	3.50+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372004	15
6-C-12(P,N)7-N-12,PAR,DA	4.00+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372005	15
6-C-12(P,N)7-N-12,PAR,DA	4.00+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372006	15
6-C-12(P,N)7-N-12,PAR,DA	4.00+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372007	15
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.50+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311002	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.50+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311003	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.50+01 2.70+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311004	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.50+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311005	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.50+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311006	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.50+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311007	2
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.40+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311008	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.40+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311009	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.50+01 2.60+01	2JPNJPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311010	3
6-C-13(P,N)7-N-13,PAR,DA	3.50+07	2JPNTOH	87	ORIHARA+	J,PL/B,187,240,87	E1362002	22
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307002	17
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307003	17
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307004	15
6-C-14(P,D)6-C-13,PAR,DA	4.01+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307005	10
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307006	16
6-C-14(P,D)6-C-13,PAR,DA	4.01+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307007	11
6-C-14(P,D)6-C-13,PAR,DA	4.01+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307008	10
6-C-14(P,D)6-C-13,PAR,DA	4.01+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307009	17
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307010	17
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307011	14
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307012	14
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307013	14
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307014	18
6-C-14(P,D)6-C-13,PAR,DA	4.01+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307015	8
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307016	14
6-C-14(P,D)6-C-13,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307017	14
6-C-14(P,EL)6-C-14,PAR,DA	3.50+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307018	9
6-C-14(P,EL)6-C-14,PAR,DA	4.01+07	2JPNOSA	90	YASUE+	J,NP/A,509,141,90	E1307019	16
6-C-14(P,N)7-N-14,PAR,DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316005	15
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318002	20
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318003	16
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318004	15
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318005	20
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318006	17
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318007	16
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318008	15
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318009	14
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318010	14

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
6-C-14(P,T)6-C-12,PAR,DA	4.03+07	2JPNOSA	90	YASUE+	J,NP/A,510,285,90	E1318011	14
7-N-14(P,INL)7-N-14,PAR,DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316006	21
7-N-14(P,INL)7-N-14,PAR,POL/DA	3.50+07	2JPNIT	90	IEKI+	J,PR/C,42,457,90	E1316010	21
7-N-14(P,N)8-0-14,PAR,DA	3.50+07	2JPNTOH	87	ORIHARA+	J,PL/B,187,240,87	E1362003	19
7-N-15(P,N)8-0-15,PAR,DA	3.50+07	2JPNTOH	87	ORIHARA+	J,PL/B,187,240,87	E1362004	22
8-0-16(P,EL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317003	17
8-0-16(P,EL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317017	17
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317004	19
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317005	20
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317006	20
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317007	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317008	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317009	20
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317010	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317011	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317012	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317013	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317014	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317015	21
8-0-16(P,INL)8-0-16,PAR,DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317016	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317018	19
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317019	20
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317020	20
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317021	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317022	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317023	20
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317024	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317025	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317026	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317027	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317028	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317029	21
8-0-16(P,INL)8-0-16,PAR,POL/DA	3.50+07	2JPNIT	90	OHNUMA+	J,NP/A,514,273,90	E1317030	21
8-0-16(P,N)9-F-16,PAR,DA	3.50+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372008	15
8-0-16(P,N)9-F-16,PAR,DA	3.50+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372009	15
8-0-16(P,N)9-F-16,PAR,DA	3.50+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372010	15
8-0-16(P,N)9-F-16,PAR,DA	3.50+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372011	16
8-0-16(P,N)9-F-16,PAR,DA	4.00+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372012	11
8-0-16(P,N)9-F-16,PAR,DA	4.00+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372013	11
10-NE-20(HE3,T)11-NA-20,PAR,DA	5.53+07	2JPNTOK	88	KUBONO+	J,ZP/A,331,359,88	E1359002	16
10-NE-20(HE3,T)11-NA-20,PAR,DA	5.53+07	2JPNTOK	88	KUBONO+	J,ZP/A,331,359,88	E1359003	16
10-NE-22(P,N)11-NA-22,PAR,DA	3.50+07	2JPNTOH	90	ORIHARA+	J,PR/C,41,2414,90	E1360002	15
11-NA-23(P,6-C-12)6-C-12,PAR,DA	7.97+06	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319002	212
11-NA-23(P,6-C-12)6-C-12,PAR,DA	7.95+06	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319003	193
11-NA-23(P,6-C-12)6-C-12,PAR,DA	8.50+06	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319004	34
11-NA-23(P,6-C-12)6-C-12,PAR,DA	9.52+06	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319005	33
11-NA-23(P,6-C-12)6-C-12,PAR,DA	9.95+06	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319006	34
11-NA-23(P,6-C-12)6-C-12,PAR,DA	1.03+07	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319007	36
11-NA-23(P,6-C-12)6-C-12,PAR,DA	1.09+07	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319008	36
11-NA-23(P,6-C-12)6-C-12,PAR,DA	1.16+07	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319009	35
11-NA-23(P,6-C-12)6-C-12,PAR,DA	1.50+07	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319010	35
11-NA-23(P,6-C-12)6-C-12,PAR,DA	1.58+07	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319011	37
11-NA-23(P,6-C-12)6-C-12,PAR,DA	1.72+07	2JPNKYU	87	KIMURA+	J,PL/B,199,331,87	E1319012	37
12-MG-24(A,D)13-AL-26,PAR,DA	6.47+07	2JPNOSA	91	YASUE+	J,PR/C,43,510,91	E1355002	9
12-MG-24(A,D)13-AL-26,PAR,DA	6.47+07	2JPNOSA	91	YASUE+	J,PR/C,43,510,91	E1355003	8

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343040	9
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343041	10
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343042	10
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343043	10
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343074	9
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343075	10
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343076	10
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343077	9
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343078	10
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343044	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343045	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343046	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343047	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343048	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343049	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343050	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343051	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343052	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343053	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343054	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343055	12
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343056	10
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343057	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343058	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343059	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343060	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343061	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343062	12
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343063	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343064	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343065	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343066	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343067	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343068	12
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343069	12
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343070	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343071	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343072	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343073	8
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343079	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343080	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343081	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343082	13
12-MG-25(A,T)13-AL-26,PAR,DA	5.00+07	2JPNOSA	90	YASUE+	J,PR/C,42,1279,90	E1343083	13
12-MG-26(HE3,N)14-SI-28,PAR,DA	2.31+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366002	7
12-MG-26(HE3,N)14-SI-28,PAR,DA	2.31+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366003	7
12-MG-26(HE3,N)14-SI-28,PAR,DA	2.31+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366004	7
12-MG-26(HE3,N)14-SI-28,PAR,DA	4.55+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366005	11
12-MG-26(HE3,N)14-SI-28,PAR,DA	4.55+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366006	11
12-MG-26(HE3,N)14-SI-28,PAR,DA	4.55+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366007	11
12-MG-26(HE3,N)14-SI-28,PAR,DA	2.31+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366008	7
12-MG-26(HE3,N)14-SI-28,PAR,DA	4.55+07	2JPNTOH	87	ABE+	J,NP/A,462,358,87	E1366009	11
12-MG-26(P,N)13-AL-26,PAR,DA	3.50+07	2JPNTOH	90	ORIHARA+	J,PR/C,41,2414,90	E1360003	12
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371002	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371003	20

REACTION-UNIT	ENERGY RANGE (EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371004	15
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371005	18
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371006	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371007	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371008	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371009	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371010	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371011	19
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371012	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371013	19
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371014	16
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371015	19
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371016	18
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371017	19
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371018	10
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371019	17
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371020	17
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371021	18
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371022	19
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371023	19
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371024	19
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371025	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371026	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371027	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371028	20
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371029	16
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371030	17
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371031	18
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371032	17
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371033	18
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371034	17
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371035	17
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371036	18
15-P-31(D,N)16-S-32,PAR,DA	2.50+07	2JPNJPN	87	MIURA+	J,NP/A,467,79,87	E1371037	19
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361002	15
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361003	15
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361004	16
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361005	16
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361006	15
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361007	8
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361008	16
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361009	14
16-S-34(P,N)17-CL-34,PAR,DA	3.50+07	2JPNTOH	87	FURUKAWA+	J,PR/C,36,1686,87	E1361010	16
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,41,2421,90	E1313002	11
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,41,2421,90	E1313003	8
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314002	8
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314003	4
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314004	7
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314005	5
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314006	10
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314007	8
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314008	7
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314009	6
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314010	8
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314011	10

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314012	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314013	7
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314014	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314015	6
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314016	7
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314017	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314018	8
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314019	5
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314020	7
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314021	6
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314022	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314023	8
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314024	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314025	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314026	7
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314027	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314028	7
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314029	11
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314030	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314031	9
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314032	8
20-CA-40(3-LI-6,D)22-TI-44,PAR,DA	5.00+07	2JPNTOH	90	YAMAYA+	J,PR/C,42,1935,90	E1314033	11
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315002	27
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315003	24
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315004	52
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315005	27
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315006	21
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315007	18
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315008	21
28-NI-58(D,P+X),,DA/DE	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315009	51
28-NI-58(D,P+X),PAR,POL/DA	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315012	27
28-NI-58(D,P+X),PAR,POL/DA	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315013	27
28-NI-58(D,P+X),PAR,POL/DA	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315014	27
28-NI-58(D,P+X),PAR,POL/DA	6.50+07	2JPNKTO	89	IEIRI+	J,NP/A,504,477,89	E1315015	27
40-ZR-90(D,A)39-Y-88,PAR,DA	2.20+07	2JPNTSU	87	HASHIMOTO+	J,NP/A,471,520,87	E1367011	21
40-ZR-90(D,A)39-Y-88,PAR,DA	2.20+07	2JPNTSU	87	HASHIMOTO+	J,NP/A,471,520,87	E1367012	21
40-ZR-90(D,HE3)39-Y-89,PAR,DA	2.20+07	2JPNTSU	87	HASHIMOTO+	J,NP/A,471,520,87	E1367010	21
40-ZR-90(D,T)40-ZR-89,PAR,DA	2.20+07	2JPNTSU	87	HASHIMOTO+	J,NP/A,471,520,87	E1367009	15
42-MO-94(P,T)42-MO-92,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363020	16
42-MO-94(P,T)42-MO-92,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363002	16
42-MO-96(P,T)42-MO-94,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363021	14
42-MO-96(P,T)42-MO-94,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363003	13
42-MO-98(P,T)42-MO-96,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363022	20
42-MO-98(P,T)42-MO-96,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363004	20
44-RU-100(P,T)44-RU-98,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363023	15
44-RU-100(P,T)44-RU-98,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363005	14
44-RU-102(P,T)44-RU-100,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363024	16
44-RU-102(P,T)44-RU-100,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363006	15
44-RU-104(P,T)44-RU-102,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363025	15
44-RU-104(P,T)44-RU-102,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363007	15
46-PD-104(P,T)46-PD-102,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363026	13
46-PD-104(P,T)46-PD-102,PAR,DA	5.22+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363040	20
46-PD-104(P,T)46-PD-102,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363008	13
46-PD-104(P,T)46-PD-102,PAR,POL/DA	5.22+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363038	20
46-PD-106(P,P)46-PD-106,,DA/DE	1.20+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323002	13

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
46-PD-106(P,P)46-PD-106,,DA/DE	1.20+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323003	13
46-PD-106(P,P)46-PD-106,,DA/DE	1.20+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323004	13
46-PD-106(P,P)46-PD-106,,DA/DE	1.20+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323005	13
46-PD-106(P,P)46-PD-106,,DA/DE	1.40+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323006	13
46-PD-106(P,P)46-PD-106,,DA/DE	1.40+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323007	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.40+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323008	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.40+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323009	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.60+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323010	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.60+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323011	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.60+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323012	12
46-PD-106(P,P)46-PD-106,,DA/DE	1.60+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323013	13
46-PD-106(P,P)46-PD-106,,DA/DE	1.80+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323014	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.80+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323015	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.80+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323016	14
46-PD-106(P,P)46-PD-106,,DA/DE	1.80+07	2JPNKYU	90	WATANABE+	J,ZP/A,336,63,90	E1323017	14
46-PD-106(P,T)46-PD-106,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363027	16
46-PD-106(P,T)46-PD-106,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363009	16
46-PD-108(P,T)46-PD-106,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363028	16
46-PD-108(P,T)46-PD-106,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363010	16
46-PD-110(P,T)46-PD-108,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363029	18
46-PD-110(P,T)46-PD-108,PAR,DA	5.22+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363041	22
46-PD-110(P,T)46-PD-108,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363011	20
46-PD-110(P,T)46-PD-108,PAR,POL/DA	5.22+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363039	21
48-CD-112(P,T)48-CD-110,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363030	16
48-CD-112(P,T)48-CD-110,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363012	15
48-CD-114(P,T)48-CD-112,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363031	16
48-CD-114(P,T)48-CD-112,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363013	16
48-CD-116(P,T)48-CD-114,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363032	16
48-CD-116(P,T)48-CD-114,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363014	14
50-SN-118(P,T)50-SN-116,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363033	16
50-SN-118(P,T)50-SN-116,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363015	17
52-TE-122(P,T)52-TE-120,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363034	16
52-TE-122(P,T)52-TE-120,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363016	12
52-TE-128(P,T)52-TE-126,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363035	15
52-TE-128(P,T)52-TE-126,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363017	15
52-TE-130(P,T)52-TE-128,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363036	13
52-TE-130(P,T)52-TE-128,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363018	13
56-BA-138(P,T)56-BA-136,PAR,DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363037	15
56-BA-138(P,T)56-BA-136,PAR,POL/DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363019	16
73-TA-181(8-0-16,F),PAR,DA	1.15+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350002	21
73-TA-181(8-0-16,F),PAR,DA	1.20+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350003	12
73-TA-181(8-0-16,F),PAR,DA	1.38+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350004	27
76-OS-187(HE3,T)77-IR-187,PAR,DA	5.00+07	2JPNJPN	90	KATO+	J,PR/C,42,1918,90	E1354003	1
76-OS-192(8-0-16,F),PAR,DA	7.70+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350005	18
76-OS-192(8-0-16,F),PAR,DA	8.80+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350006	23
76-OS-192(8-0-16,F),PAR,DA	1.00+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350007	19
76-OS-192(8-0-16,F),PAR,DA	1.15+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350008	27
76-OS-192(8-0-16,F),PAR,DA	1.20+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350009	12
76-OS-192(8-0-16,F),PAR,DA	1.23+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350010	19
76-OS-192(8-0-16,F),PAR,DA	1.30+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350011	14
76-OS-192(8-0-16,F),PAR,DA	1.38+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350012	20
76-OS-192(8-0-16,F),PAR,DA	1.50+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350013	14
78-PT-196(6-C-12,F),PAR,DA	6.00+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350021	14
78-PT-196(6-C-12,F),PAR,DA	6.60+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350022	15
78-PT-196(6-C-12,F),PAR,DA	7.00+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350023	12

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
78-PT-196(6-C-12,F),PAR,DA	7.70+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350024	13
79-AU-197(6-C-12,X),,SIG	5.66+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358012	8
79-AU-197(6-C-12,X),,SIG	5.94+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358013	3
79-AU-197(6-C-12,X),,SIG	5.85+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358014	10
79-AU-197(6-C-12,X),,SIG	6.61+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358015	7
79-AU-197(6-C-12,X),,SIG	7.44+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358016	10
79-AU-197(8-0-16,F),PAR,DA	1.15+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350014	21
79-AU-197(8-0-16,F),PAR,DA	1.20+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350015	10
79-AU-197(8-0-16,F),PAR,DA	1.38+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350016	21
79-AU-197(8-0-16,F),PAR,DA	8.00+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350017	28
79-AU-197(8-0-16,F),PAR,DA	8.43+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350018	26
79-AU-197(8-0-16,F),PAR,DA	8.80+07	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350019	17
79-AU-197(8-0-16,F),PAR,DA	1.00+08	2JPNTSU	90	OGIHARA+	J,ZP/A,335,203,90	E1350020	14
79-AU-197(8-0-16,X),,SIG	7.37+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358006	11
79-AU-197(8-0-16,X),,SIG	7.60+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358007	2
79-AU-197(8-0-16,X),,SIG	7.58+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358008	7
79-AU-197(8-0-16,X),,SIG	8.13+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358009	8
79-AU-197(8-0-16,X),,SIG	9.08+07	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358010	8
79-AU-197(8-0-16,X),,SIG	1.08+08	2JPNJAE	88	BABA+	J,ZP/A,331,53,88	E1358011	3
79-AU-197(9-F-19,F),PAR,DA	1.60+08	2JPNJAE	88	IKEZOE+	J,ZP/A,330,289,88	E1357005	14
79-AU-197(9-F-19,F),PAR,DA	1.35+08	2JPNJAE	88	IKEZOE+	J,ZP/A,330,289,88	E1357006	21
79-AU-197(9-F-19,F),PAR,DA	1.00+08	2JPNJAE	88	IKEZOE+	J,ZP/A,330,289,88	E1357007	19
82-PB-208(D,A)81-TL-206,PAR,DA	2.15+07	2JPNTSU	87	HASHIMOTO+	J,NP/A,471,520,87	E1367004	47
82-PB-208(D,HE3)81-TL-207,PAR,DA	2.15+07	2JPNTSU	87	HASHIMOTO+	J,NP/A,471,520,87	E1367003	6
82-PB-208(D,T)82-PB-207,PAR,DA	2.15+07	2JPNTSU	87	HASHIMOTO+	J,NP/A,471,520,87	E1367002	24
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310002	9
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310003	11
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310004	10
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310005	9
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310006	8
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310007	11
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310008	9
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310009	10
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310010	9
82-PB-208(P,INL)82-PB-208,PAR,DA	8.00+07	2JPNOSA	90	FUJITA+	J,PL/B,247,219,90	E1310011	8
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365002	13
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365004	13
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365006	13
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365007	13
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365008	13
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365009	13
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365010	13
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365016	11
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365017	11
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365018	11
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365019	11
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365020	11
82-PB-208(P,T)82-PB-206,PAR,DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365021	12
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365003	13
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365005	13
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365011	13
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365012	13
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365013	13
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365014	13
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365015	13

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82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365022	11
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365023	11
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365024	11
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365025	11
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365026	11
82-PB-208(P,T)82-PB-206,PAR,POL/DA	2.20+07	2JPNTSU	87	KUROKAWA+	J,NP/A,470,377,87	E1365027	12

资料 2 V. McLane on JXJ

*E0691	5		910617	E004	Data units per-sent illegal, convert to NO-DIM
*E0817	4	3	910617	E004	Add modifier REL
*E0868	4	12-14	910617	E007	Delete E-EXC
*E0868	5	12-14	910617	E007	Delete E-EXC
*E0868	6	12-14	910617	E007	Delete E-EXC
*E0931	67	9-11	910617	E007	Add E-LVL = 0.0 MeV
E0942	1	5	910617	E004	Author's name has 0 instead of letter o.
*E1132	2	8-10	910617	E007	Add E-LVL = 0.0 MeV
*E1145	3	16-18	910617	E007	Delete E-EXC
*E1145	4	16-18	910617	E007	Delete E-EXC
E1177	8	3	910617	E008	SF3 should be SCT
*E1199	2	8-10	910617	E008	Add E-LVL = 0.0 MeV
*E1201	4	7- 9	910617	E008	Delete E-EXC
*E1201	5	7- 9	910617	E008	Delete E-EXC
*E1201	14	7- 9	910617	E008	Delete E-EXC
*E1201	15	8-10	910617	E008	Delete E-EXC
*E1206	5	13-15	910617	E008	Add E-LVL = 0.0 MeV
*E1206	74	13-15	910617	E008	Add E-LVL = 0.0 MeV
*E1223	11	3	910617	E008	Secondary energy missing
*E1223	12	3	910617	E008	Secondary energy missing
*E1223	13	3	910617	E008	Secondary energy missing
*E1223	14	3	910617	E008	Secondary energy missing
*E1223	15	3	910617	E008	Secondary energy missing
*E1223	16	3	910617	E008	Secondary energy missing
*E1223	17	3	910617	E008	Secondary energy missing
*E1223	18	3	910617	E008	Secondary energy missing
*E1223	20	3	910617	E008	Reaction should be (--- (A, 2N+P) ---, , DA/DE, P)
*E1223	21	3	910617	E008	Reaction should be (--- (A, 2N+P) ---, , DA/DE, P)
*E1223	23	3	910617	E008	Reaction should be (--- (A, 3N+P) ---, , DA/DE, P)
*E1223	24	3	910617	E008	Reaction should be (--- (A, 3N+P) ---, , DA/DE, P)
*E1223	26	3	910617	E008	Reaction should be (--- (A, 4N+P) ---, , DA/DE, P)
*E1223	27	3	910617	E008	Reaction should be (--- (A, 4N+P) ---, , DA/DE, P)
*E1223	28	3	910617	E008	Reaction should be (--- (A, 4N+P) ---, , DA/DE, P)
*E1223	31	3	910617	E008	Reaction should be (--- (A, 5N+P) ---, , DA/DE, P)
*E1223	32	3	910617	E008	Reaction should be (--- (A, 5N+P) ---, , DA/DE, P)
*E1223	33	3	910617	E008	Reaction should be (--- (A, 5N+P) ---, , DA/DE, P)
*E1223	35	3	910617	E008	Reaction should be (--- (A, 6N+P) ---, , DA/DE, P)
*E1223	36	3	910617	E008	Reaction should be (--- (A, 6N+P) ---, , DA/DE, P)
*E1223	37	3	910617	E008	Reaction should be (--- (A, 6N+P) ---, , DA/DE, P)
*E1223	40	3	910617	E008	Reaction should be (--- (A, 7N+P) ---, , DA/DE, P)
*E1223	41	3	910617	E008	Reaction should be (--- (A, 7N+P) ---, , DA/DE, P)
*E1223	42	3	910617	E008	Reaction should be (--- (A, 7N+P) ---, , DA/DE, P)
*E1223	44	3	910617	E008	Reaction should be (--- (A, 8N+P) ---, , DA/DE, P)
*E1223	45	3	910617	E008	Reaction should be (--- (A, 8N+P) ---, , DA/DE, P)
*E1223	46	3	910617	E008	Reaction should be (--- (A, 8N+P) ---, , DA/DE, P)

ENTRY -----	COMMENT -----	ACTION -----
E1315	- Subentries 2 - 16: REACTION SF3-5 must be(D,X)1-H-1,...	(1/NDS)
E1316	- EN (=35 MEV) could more conveniently be given in the COMMON section of subentry 1. (Same applies also to several other entries, e.g. E1318, E1325, E1343, E1365, E1371, E1372)	(3)
E1317	- Subentry 2: Delete PAR from REACTION SF5 and keyword LEVEL-PROP (elastic scattering). -Subentries 4, 10 (line 8) and subentries 18, 24 (line 7): delete '1' in col.22 (disturbing unmatched pointer)	(2/NDS) (2)
E1318	- Subentry 2: add E-LVL to COMMON section	(2)
E1319	- Subentries 2, 3: - Delete EN-MIN, EN-MAX from COMMON section (illegal redundant information because EN is given in DATA section) - Delete PAR from REACTION SF5 (no secondary energy given) - Subentries 4 - 11: add E-LVL to COMMON section	(2) (2/NDS) (2)
E1325	- Move the error to subentry 1, as described above for entry E1307 - Subentry 15: add E-LVL to COMMON section	(3) (2)
E1343	- Move the error to subentry 1, as described above for entry E1307 - Subentries 2, 79: add E-LVL to COMMON section - What is DATA-ERR given in some of the subentries? (Explain under ERR-ANALYS and, if possible, use more specific error heading.) It's probably not the total error, because it is occasionally smaller than the 10% systematic error (e.g. subentry 13, lines 22 and 24). Also, the 0.0 values for DATA-ERR should probably be removed (blank values for error values are possible. In subentry 6, the whole DATA-ERR column should be deleted.) - Subentries 15, 18, 53, 64: Delete '1' in col.22 (disturbing unmatched pointer)	(3) (2) (2) (2/NDS)
E1350,	Subentries 2 - 24, and E1357, subentries 5 - 7: REACTION SF5-8 should be ,DA,FF rather than PAR,DA, e.g.: ...(8-O-16,F),,DA,FF because 1. no secondary energies apply here, therefore no PAR in SF5 2. the diff.cross section refers to fission fragments (according to the work title), therefore FF must be given in SF7. (For differential data related to fission, always the 'particle considered' in REACTION SF7 has to be coded, because usually there are, in addition to proper fission fragments, other emitted particles like fission neutrons.)	(1/NDS)

ENTRY	COMMENT	ACTION
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E1358	- Subentries 6 - 16: REACTIONs incomplete, e.g. (subentry 2) 79-AU-197(8-O-16,X),,SIG At least one of the subfields SF3 and SF4 must contain a specific code to define a reaction. Examples: 79-AU-197(8-O-16,F),,SIG total fission c.s. 79-AU-197(8-O-16,TOT),,SIG total cross section 79-AU-197(8-O-16,X)43-TC-105,,SIG production c.s. for the nuclide specified in SF4	(1)
	- Subentries 6 - 16: Delete EN-CM-MIN, EN-CM-MAX from COMMON section (illegal redundant information because EN is given in DATA section)	(2)
	- Subentries 7 -11: Give the total error in COMMON section as ERR-T.	(3)
	- What is DATA-ERR? (Explain error type under ERR-ANALYS and/or use more specific error heading, e.g. ERR-S, ERR1)	(2)
	- In subentry 7 there must be a mistake because DATA-ERR is > 50% while, according to ERR-ANALYS, the total error is 20%.	(2)
E1359	- Subentry 2: EITHER delete PAR from REACTION SF5, OR add secondary energy (e.g. E-LVL) to COMMON section.	(2)
E1360	- Subentry 3: add E-LVL to COMMON section	(2)
E1363:	- Subentries 2 - 41: - Second subfield of LEVEL-PROP must contain E-LVL or LVL-NUMB (or LVL-FLAG which probably does not apply here); - one of these headings must be given in COMMON section.	(2)
E1364	- Subentry 2: See comment on E1359	(2)
	- Subentries 2, 3: explain +-DATA-ERR and delete 0. values	(3)
E1366	- Subentries 2, 4: add E-LVL to COMMON section	(2)
	- Subentries 2 - 9: explain +-DATA-ERR and delete 0. values	(3)
E1371	- Subentry 2: add E-LVL to COMMON section	(2)
E1372	- Subentries 2 - 13: see comment on E1363	(2)

Recommendations for future compilations

- Check usage of 'PAR' in REACTION SF5
(always related to a secondary energy; omit if no secondary
energy to be coded)
- Check usage of 'X' in REACTION SF3 (in connection with SF4)
- Do not use EN-MIN and EN-MAX to specify limits of an EN table
(If EN is given in the DATA section, EN-MIN and EN-MAX
cannot be given in COMMON section)
- Use more specific error headings (such as ERR-T, ERR-S, ERR1 etc.)
and give more information under ERR-ANALYS
- Make use of the COMMON section in subentry 1