

(資料)

# IAEAに送付したEXFOR変換データ

Data in TRANS E014 and E015

札幌学院大学社会情報学部 千葉 正喜

Masaki Chiba

Faculty of Social Information, Sapporo-Gakuin University

**Abstract:** Contents of TRANS E014 and E015 are described and translation activity in 1965 from NRDF into EXFOR is reported.

NRDFデータをEXFORに変換する事業で今年度行った内容を報告する。

- (1) TRANS E012とE013に対してIAEAからコメント (NRDF ANUAL REPORT 94 pp.108-109) が来ていたが、ここに指摘のあった誤りを修正しTRANS E014 を編成した。このTRANSテープに含まれるデータのインデックスリストを資料1に示す。
- (2) あらたにTRANS E015を編成した。これには1993年度にNRDFでコンパイルしたデータのうちから変換した6エントリが含まれている。このデータのインデックスリストを資料2に示す。

なお、これら2本のTRANSテープE014とE015は5月のテクニカルNRDCミーティングに参加する際に持参した。

- (3) 1994年度までにNRDFに入力したデータについては、吉田さんの努力でEXFOR変換プログラムによる機械的な変換処理作業は終わっている。

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
6-C-12(P,N)7-N-12,PAR,DA	3.50+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372002	16
6-C-12(P,N)7-N-12,PAR,DA	3.50+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372003	14
6-C-12(P,N)7-N-12,PAR,DA	3.50+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372004	15
6-C-12(P,N)7-N-12,PAR,DA	4.00+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372005	15
6-C-12(P,N)7-N-12,PAR,DA	4.00+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372006	15
6-C-12(P,N)7-N-12,PAR,DA	4.00+07	2JPN	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	2JPN	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	2JPN	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	2JPN	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	2JPN	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	2JPN	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	2JPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311007	3
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.40+01 2.20+01	2JPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311008	2
6-C-12(3-LI-7,4-BE-7)5-B-12,PAR,DA	1.40+01 2.60+01	2JPN	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	2JPN	90	NAKAYAMA+	J,PL/B,246,342,90	E1311010	3
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378111	18
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378112	19
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378113	20
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378114	21
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378115	12
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378116	12
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378117	14
8-O-16(A,D)9-F-18,PAR,DA	6.53+07	2JPN	86	KADOTA+	J,NP/A.458,523,86	E1378118	14
8-O-16(P,EL)8-O-16,,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317003	17
8-O-16(P,EL)8-O-16,,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317017	17
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317004	18
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317005	20
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317006	18
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317007	20
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317008	21
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317009	19
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317010	19
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317011	21
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317012	21
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317013	20
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317014	21
8-O-16(P,INL)8-O-16,PAR,DA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317015	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317016	20
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317018	18
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317019	20
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317020	20
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317021	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317022	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317023	20
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317024	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317025	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317026	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317027	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317028	21
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317029	20
8-O-16(P,INL)8-O-16,PAR,POL/DA,,ANA	3.50+07	2JPN	90	OHNUMA+	J,NP/A.514,273,90	E1317030	21
8-O-16(P,N)9-F-16,PAR,DA	3.50+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372008	14
8-O-16(P,N)9-F-16,PAR,DA	3.50+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372009	15
8-O-16(P,N)9-F-16,PAR,DA	3.50+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372010	14
8-O-16(P,N)9-F-16,PAR,DA	3.50+07	2JPN	87	OHNUMA+	J,NP/A.467.61,87	E1372011	16

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
8-0-16(P,N)9-F-16, PAR, DA	4.00+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372012	10
8-0-16(P,N)9-F-16, PAR, DA	4.00+07	2JPNIT	87	OHNUMA+	J,NP/A,467,61,87	E1372013	11
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378085	14
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378086	11
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378087	11
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378088	6
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378089	21
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378090	21
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378091	21
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378092	14
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378093	17
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378094	7
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378095	14
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378096	5
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378097	10
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378098	20
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378099	21
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378100	21
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378101	17
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378102	10
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378103	21
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378104	20
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378105	12
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378106	16
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378107	17
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378108	15
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378109	11
8-0-18(A,D)9-F-20, PAR, DA	6.44+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378110	9
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378053	19
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378054	14
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378055	19
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378056	20
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378057	20
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378058	12
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378059	20
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378060	19
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378061	14
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378062	12
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378063	11
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378064	13
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378065	13
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378066	11
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378067	13
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378068	20
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378069	11
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378070	7
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378071	20
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378072	14
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378073	8
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378074	14
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378075	14
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378076	10
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378077	11
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378078	14
10-NE-20(A,D)11-NA-22, PAR, DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378079	5

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
10-NE-20(A,D)11-NA-22,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378080	4
10-NE-20(A,D)11-NA-22,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378081	6
10-NE-20(A,D)11-NA-22,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378082	5
10-NE-20(A,D)11-NA-22,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378083	6
10-NE-20(A,D)11-NA-22,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378084	5
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378024	18
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378025	18
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378026	23
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378027	20
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378028	14
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378029	16
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378030	19
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378031	21
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378032	20
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378033	19
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378034	12
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378035	11
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378036	23
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378037	16
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378038	9
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378039	14
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378040	10
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378041	15
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378042	11
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378043	12
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378044	11
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378045	16
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378046	15
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378047	20
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378048	17
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378049	13
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378050	16
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378051	10
10-NE-22(A,D)11-NA-24,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378052	16
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	210
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	32
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	35
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	37
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	38
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378015	15
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378016	14
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378017	10
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378018	15
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378019	13
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378020	13
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378021	13
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378022	10
12-MG-24(A,D)13-AL-26,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378023	12
12-MG-25(A,HE3)12-MG-26,PAR,DA	5.00+07	2JPNQSA	90	YASUE+	J,PR/C,42,1279,90	E1343002	12



REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
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
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378002	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378003	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378004	21
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378005	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378006	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378007	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378008	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378009	42
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378010	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378011	22
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378012	21
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378013	20
14-SI-28(A,D)15-P-30,PAR,DA	6.43+07	2JPNKTO	86	KADOTA+	J,NP/A,458,523,86	E1378014	20
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	15
42-MO-94(P,T)42-MO-92,PAR,POL/DA,,ANA	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,,ANA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363003	13

## LIST OF CONTENTS - SORTED BY REACTION

REACTION-UNIT	ENERGY RANGE(EV)	LAB	YR	AUTHOR	REFERENCE	ACC.#	PTS
42-MO-98(P,T)42-MO-96.PAR.DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363022	19
42-MO-98(P,T)42-MO-96.PAR.POL/DA,,ANA	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	13
44-RU-100(P,T)44-RU-98.PAR.POL/DA,,ANA	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,,ANA	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,,ANA	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.POL/DA,,ANA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363008	12
46-PD-104(P,T)46-PD-102.PAR.POL/DA,,ANA	5.22+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363038	20
46-PD-104(P,T)46-PD-102.PAR.POL/DA,,ANA	5.22+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363040	19
46-PD-106(P,T)46-PD-104.PAR.DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363027	16
46-PD-106(P,T)46-PD-104.PAR.POL/DA,,ANA	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,,ANA	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,,ANA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363011	20
46-PD-110(P,T)46-PD-108.PAR.POL/DA,,ANA	5.22+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363039	22
48-CD-112(P,T)48-CD-110.PAR.DA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363030	15
48-CD-112(P,T)48-CD-110.PAR.POL/DA,,ANA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363012	13
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,,ANA	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,,ANA	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	15
50-SN-118(P,T)50-SN-116.PAR.POL/DA,,ANA	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,,ANA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363016	13
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,,ANA	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	11
52-TE-130(P,T)52-TE-128.PAR.POL/DA,,ANA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363018	12
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,,ANA	2.20+07	2JPNTSU	87	NAGANO+	J,JPJ,56,1974,87	E1363019	16
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

22 MAR 96

## LIST OF CONTENTS - SORTED BY REACTION

REACTION-UNIT	ENERGY RANGE (EV)	LAB	YR	AUTHOR	REFERENCE	PAGE	1
						ACC.#	PTS
8-0-16(P,N)9-F-16,PAR,DA	3.50+07	2JPNTOH	82	ORIHARA+	J,PRL,49,1318,82	E1454002	14
8-0-16(P,N)9-F-16,PAR,DA	3.50+07	2JPNTOH	82	ORIHARA+	J,PRL,49,1318,82	E1454003	15
8-0-16(P,N)9-F-16,PAR,DA	3.50+07	3AULAML	82	OHNUMA+	J,PL/B,112,206,82	E1456002	15
20-CA-48(P,INL)20-CA-48,PAR,DA	6.50+07	2JPNOSA	82	FUJITA+	J,PR/C,25,678,82	E1440002	15
20-CA-48(P,INL)20-CA-48,PAR,DA	6.50+07	2JPNOSA	82	FUJITA+	J,PR/C,25,678,82	E1440003	14
20-CA-48(P,INL)20-CA-48,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442002	14
20-CA-48(P,INL)20-CA-48,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442003	12
20-CA-48(P,INL)20-CA-48,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442004	12
20-CA-48(P,INL)20-CA-48,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442005	12
26-FE-56(P,N)27-CO-56,PAR,DA	2.00+07	2JPNTOH	81	ORIHARA+	J,PL/B,106,171,81	E1458002	13
26-FE-56(P,N)27-CO-56,PAR,DA	2.80+07	2JPNTOH	81	ORIHARA+	J,PL/B,106,171,81	E1458003	12
26-FE-56(P,N)27-CO-56,PAR,DA	3.20+07	2JPNTOH	81	ORIHARA+	J,PL/B,106,171,81	E1458004	16
26-FE-56(P,N)27-CO-56,PAR,DA	3.50+07	2JPNTOH	81	ORIHARA+	J,PL/B,106,171,81	E1458005	13
28-NI-58(P,INL)28-NI-58,PAR,DA	6.50+07	2JPNOSA	83	FUJIIWARA+	J,NP/A,410,137,83	E1441005	13
28-NI-58(P,INL)28-NI-58,PAR,DA	6.50+07	2JPNOSA	83	FUJIIWARA+	J,NP/A,410,137,83	E1441006	14
28-NI-58(P,INL)28-NI-58,PAR,DA	6.50+07	2JPNOSA	83	FUJIIWARA+	J,NP/A,410,137,83	E1441007	12
28-NI-58(P,INL)28-NI-58,PAR,DA	6.50+07	2JPNOSA	83	FUJIIWARA+	J,NP/A,410,137,83	E1441008	12
82-PB-208(P,INL)82-PB-208,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442006	13
82-PB-208(P,INL)82-PB-208,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442007	11
82-PB-208(P,INL)82-PB-208,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442008	9
82-PB-208(P,INL)82-PB-208,PAR,DA	6.50+07	2JPNOSA	89	FUJITA+	J,PR/C,40,1595,89	E1442009	10