

WP 2005-15

## Problematic entries - Requested corrections

*Mistakes in REFERENCE records and other keywords were found by JCPRG and corrections requested in memos CP-D/069 and 70. Not all of these are corrected so far. Therefore we append these lists below and request all centres to go through and retransmit all entries where corrections are still pending.*

*Attached are: 1) CP-E/070  
2) CP-E/069  
3) Short list of additional mistakes found by NDS (bottom of last page)*

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### Memo CP-E/070

**Date:** June 1, 2005  
**To:** Distribution  
**From:** OTSUKA Naohiko  
**Subject:** Problematic entries (2)

We checked REFERENCE records during production of index files for EXFOR. Journal code, volume, page and year are checked for

PR, PRL, PR/A, PR/C, PR/D, PL, PL/A, PL/B, NP, NP/A, NP/B,  
NIM, NIM/A, NIM/B, JP/G, EPJ/A, ARI, ANE, ZP, ZP/A, AJ, JAP,  
JNE, JNE/A, JNE/AB, JIN.

We did not check

- Abstracts of meetings published in PR.
- Articles which have paper number after page number.

Some articles in Phys. Rev. C have two different publication years (online and print). We assume that publication dates of printed version should be coded. But clarification of coding rule may be needed.

We recommend not to use alphabetical symbols in page number field (e.g. J, PR/C, 42, 1167 (R), 9010) if article compiled can be uniquely fixed without them (e.g. c for conference proceedings of NP/A, R for rapid communication of PR/C, etc.). Such symbols often disturbed automatic processing.

Possible solutions for problematic records are proposed. However, please check them again by yourself before corrections.

<b>Subentry #</b>	<b>REFERENCE record</b>	<b>Remarks</b>
<b>Area 1</b>		
10029	J, NP, 137, 85, 196911	Correct journal code is NP/A.
10166	J, JNE, 26, 75, 1975	Correct year is 1972.
10231	J, NIM, 2, 193, 197207	Correct volume is 102.
10307	J, NIM, 114, 591, 1971	Correct year is 1974.
10355	J, PR/C, 16, 49, 197708	Correct page is 499.
10629	J, PR/C, 18, 1320, 197809	Correct page is 1328.
10704	J, JP/G, 3, 1393, 7710	Correct page is 1363.
10737	J, NP/A, 95, 256, 7801	Correct volume is 295.
10842	J, PR, 19, 335, 7902	Correct journal is PR/C.
10927	J, PR/C, 22, 328, 197807	Correct year/month is 198007.
11165	J, NP/A, 38, 300, 62	Correct journal code is NP.
11739	J, JNE, 11, 95, 60	Correct journal code is JNE/A.
12021	J, JNE, 12, 16, 60	Correct journal code is JNE/A.
12162	J, JNE, 19, 767, 65	Correct journal code is JNE/AB.
12323	J, JNE, 16, 201, 62	Correct journal code is JNE/AB.
12365	J, JNE, 16, 195, 62	Correct journal code is JNE/AB.
12450	J, JNE, 15, 200, 61	Correct journal code is JNE/AB.
12532	J, JNE, 11, 21, 59	Correct journal code is JNE/A.
12562	J, JIN, 27, 33, 64	Correct year is 1965.
12563	J, JNE, 20, 588, 66	Correct journal code is JNE/AB.
12592	J, PR, 75, 781, 5408	Correct volume is 95.
12612	J, PR, 90, 140, 5305	Correct page is 410.
12634	J, PR, 48, 256, 3508	Correct page is 265.
12736	J, PR/C, 24, 505, 8108	Correct page is 503.
12755	J, PR/C, 26, 26, 8210	Correct page is 1404.
12787	J, PR/C, 26, 696, 8209	Correct page is 969.
12843	J, PR/C, 28, 1212, 8210	Correct year/month is 198309.
13105	J, JP/G, 11, 379, 8305	Correct year/month is 198503.
12983	J, NIM, 248, 416, 8608	Correct journal code is NIM/A.
13022	J, NP/A, 9, 273, 59	Correct journal code is NP.
13336	J, JIN, 37, 2243, 76	Correct year is 1975.
13359	J, NIM/B, 147, 487, 7712	Correct journal code is NIM.
13454	J, PR, 5, 1725, 7205	Correct journal code is PR/C.
13523	J, JP/G, 18, 629, 8204	Correct year/month is 199204.

13588	J, PR/C, 48/2, 553, 199308	Correct volume is 48.
13610	J, PR/C, 48, 256, 9507	Correct year/month is 199307.
13647	J, PR/C, 78, 2704, 9704	Correct journal code is PRL.
13665	J, PR, 110, 472, 5806	Correct page is 1472.
13671	J, PR, 180, 1112, 6904	Correct page is 1105.
13675	J, PR, 89, 1012, 5301	Correct page is 386.
13698	J, PR, 57, 2370, 199805	Correct journal code is PR/C.
13738	J, PR/C, 34/2, 429, 198608	Correct volume is 34.
13746	J, PR/C, 61, 04761, 200004	Correct page is 047601.
13811	J, NIM, 56, 325, 1966	Correct year is 1967.
13832	J, PR, 129, 1113, 196302	Correct page is 1691.
13839	J, NP/A, 376, 149, 1986	Correct year is 1982.
13855	J, PR, 82, 380, 195305	Correct year/month is 195105.
13917	J, NP/A, 337, 401, 197911	Correct year/month is 198003.
13957	J, PR/C, 63, 014606, 2000	Correct year is 2001.

**Area 2**

20064	J, NP/A, 116, 678, 6808	Correct page is 673.
20192	J, JNE, 17, 83, 6302	Correct journal code is JNE/AB.
	J, JNE, 17, 349, 6304	Correct journal code is JNE/AB.
20198	J, JNE, 20, 475, 6606	Correct journal code is JNE/AB.
20305	J, NP/A, 160, 161, 7101	Correct year/month is 197001.
20377	J, JNE, 19, 73, 6502	Correct journal code is JNE/AB.
20468	J, NP/A, 91, 237, 6202	Correct page is 273.
20487	J, NIM, 109, 473, 7310	Correct page is 479.
20502	J, NP/A, 181, , 7202	Page is 177.
20529	J, NP/A, 147, 657, 6911	Correct year/month is 197006.
20640	J, JNE, 17, 125, 6306	Correct journal code is JNE/AB.
20641	J, JNE, 19, 267, 6504	Correct journal code is JNE/AB.
20661	J, NP/A, 125, 277, 69	Correct page is 227.
20671	J, NP/A, 272, 107, 750127	(Cannot find relevant article)
20683	J, NP, 62, 529, 6202	Correct year/month is 196502.
20761	J, NP/A, 318, 172, 7904	Correct page is 173.
20764	J, NIM, 78, 1, 7812	(Cannot find relevant article)
20822	J, ANE, 26, (1), 1, 72	Correct journal code is JNE.
20885	J, PL, 71, (2), 321, 771121	Correct journal code is PL/B.
20973	J, NP, 48, 408, 6610	Correct year is 1963.
21151	J, NP, 8, 64, 5809	Correct page is 61.
21187	J, JNE, 18, 481, 6409	Correct journal code is JNE/AB.
21189	J, JNE, 18, 561, 6410	Correct journal code is JNE/AB.
21190	J, JNE, 19, 325, 6505	Correct journal code is JNE/AB.
21191	J, JNE, 19, 447, 6506	Correct journal code is JNE/AB.
21192	J, JNE, 20, 67, 6601	Correct journal code is JNE/AB.
21193	J, JNE, 20, 825, 196610	Correct journal code is JNE/AB.
21200	J, JNE, 20, 249, 6604	Correct journal code is JNE/AB.
21206	J, JNE, 10, 19, 5907	Correct journal code is JNE/A.

21207	J, JNE, 11, 34, 5911	Correct journal code is JNE/A.
21208	J, JNE, 14, 69, 61	Correct journal code is JNE/AB.
21209	J, JNE, 14, 85, 61	Correct journal code is JNE/AB.
21210	J, JNE, 14, 100, 61	Correct journal code is JNE/AB.
21226	J, JNE, 17, 137, 63	Correct journal code is JNE/AB.
21252	J, JNE, 20, 549, 196607	Correct journal code is JNE/AB.
	J, JNE, 15, 102, 1961	Correct journal code is JNE/AB.
21292	J, ZP/A, 272, 47, , 7501	Delete one comma after page #.
21435	JIN, 24, 1483, 1962	Correct page number is 1493.
21476	J, JNE, 20, 191, 6603	Correct journal code is JNE/AB.
21641	J, PR/C, 20, 222, 7912	Correct page is 2244.
21713	J, ZP/A, 315, 201, 8309	Correct year is 1984. (month: ?)
21732	J, JNE, 20, 135, 6602	Correct journal code is JNE/AB.
21750	J, JNE/AB, 17, 437, 6312	(Cannot find relevant article)
21826	J, ZP/A, 307, (2), 1163, 8208	Correct page is 163.
21833	J, ANE, 9, (3), 127, 80	Correct year is 1982.
21865	J, ANE, 9, 409, 8303	Correct year is 1982 (month: ?).
21961	J, NIM, 219, 249, 84	Correct page is 269.
22420	J, PR/C, 58, (5), 2480, 199811	Correct page is 2840.
22443	J, PR/C, 43, (4), 1540, 199010	Correct volume is 42.
22464	J, NIM/A, 381, 171, 1997	Correct volume is 385.
22514	J, JNE, 16, 467, 1962	Correct journal code is JNE/AB.
22515	J, JNE, 17, 273, 1963	Correct journal code is JNE/AB.
22516	J, JNE, 17, 347, 1963	Correct journal code is JNE/AB.
22804	J, AP, 355, 348, 1995	Correct journal code is AJ.
		Correct year is 1990.
22829	J, AP, 582, 1251, 20030110	Correct journal code is AJ.
22851	J, ANE, 32, , 2005	Page is 949.
21949	J, JAP, 21, (4), 636, 8204)	Correct journal is "Japanese Journal of Applied Physics". I propose a new code "JJAP" for this journal.
21996	J, NP/A, 438, (2), 333, 8405	Correct year/month is 198505.
22373	J, PR/C, 45, (5), 2470, 199010	Correct year/month is 199205.
22471	J, PR/C, 61, 054601, 2001	Correct year is 2000.
22473	J, NP/A, 376, 149, 1986	Correct year is 1982.
22656	J, PR/C, 65, (1), 014604, 2001	Correct year is 2002.
22677	J, NP/A, 688, 487, 2002	Correct year is 2001.
22820	J, PR/C, 65, (1), 014604, 200107	Correct year/month is 200201.
22822	J, PR/C, 65, (1), 014604, 200107	Correct year/month is 200201.
<b>Area 3</b>		
30298	J, NP/A, 283, 257, 7707	Correct volume is 284.
30433	J, JP/G, 6, 1045-1048, 8006	Correct page is 1045.
30466	J, NIM, 40, 153, 60	Correct year is 1966.
30471	J, JP/G, 6, 1045-1048, 8006	Correct page is 1045.
30523	J, NIM/A, 225, 103, 8704	Correct volume is 255.

30643	J, NIM, 227, 249, 8411	Correct journal code is NIM/A.
30663	J, JP/G, 6, 1173, 8306	Correct year/month is 198009.
30671	J, NIM/A, 225, 103, 8704	Correct volume is 255.
30745	J, NIM, A236, 105, 85	Correct journal code is NIM/A.
		Correct volume is 236.
30792	J, ZP/A, 307, 225, 87	Correct volume is 327.
30821	J, ZP/A, 235, 69, 8609	Correct volume is 325.
30942	J, ANE, 11, 172, 84	Correct page is 173.
31086	J, JNE, 23, 113, 68	Correct year is 1969.
31263	J, NP, A124, 111, 69	Correct journal code is NP/A.
		Correct volume is 124.

**Area 4**

40156	J, JNE, 18, 523, 196409	Correct journal code is JNE/AB.
	J, JNE, 18, 719, 196411	Correct journal code is JNE/AB.
40157	J, JNE, 18, 523, 6409	Correct journal code is JNE/AB.
	J, JNE, 18, 719, 6411	Correct journal code is JNE/AB.
40394	J, JNE, 10, 64, 59	Correct journal code is JNE/A.
40399	J, JNE, 10, 65, 59	Correct journal code is JNE/A.
40400	J, JNE, 10, 90, 59	Correct journal code is JNE/A.
40411	J, JNE, 10, 184, 59	Correct journal code is JNE/A.
40415	J, JNE, 11, 39, 59	Correct journal code is JNE/A.
40421	J, JNE, 11, 46, 59	Correct journal code is JNE/A.
40424	J, JNE, 11, 173, 59	Correct journal code is JNE/A.
40425	J, JNE, 11, 174, 60	Correct journal code is JNE/A.
40443	J, JNE, 11, 191, 60	Correct journal code is JNE/A.
40448	J, JNE, 12, 132, 60	Correct journal code is JNE/A.
40452	J, JNE, 16, 496, 62	Correct journal code is JNE/AB.
40638	J, JNE, 16, 494, 62	Correct journal code is JNE/AB.
40639	J, JNE, 17, 423, 63	Correct journal code is JNE/AB.
40640	J, JNE, 16, 326, 62	Correct journal code is JNE/AB.
40680	J, JNE, 18, 656, 1964	Correct journal code is JNE/AB.
40683	J, JNE, 19, 278, 1965	Correct journal code is JNE/AB.
40685	J, JNE, 19, 141, 1965	Correct journal code is JNE/AB.
40689	J, JNE, 20, 86, 66	Correct journal code is JNE/AB.
40690	J, JNE, 19, 918, 65	Correct journal code is JNE/AB.
40692	J, JNE, 20, 814, 66	Correct journal code is JNE/AB.
40694	J, JNE, 20, 818, 66	Correct journal code is JNE/AB.
40754	J, JNE, 14, 76, 61	Correct journal code is JNE/AB.
40803	J, JNE, 18, 599, 64	Correct journal code is JNE/AB.
40806	J, JNE, 11, 169, 1959	Correct journal code is JNE/A.
40808	J, JNE, 20, 600, 6607	Correct journal code is JNE/AB.
41056	J, NIM/A, 219, (2), 336, 196401	Correct journal code is NIM.
41203	J, JNE, 11, 175, 1960	Correct journal code is JNE/A.
41254	J, JNE, 11, 171, 1960	Correct journal code is JNE/A.

**Area 6**

60431	J, JNE, 16, 467, 62	Correct journal code is JNE/AB.
60434	J, JNE, 17, 273, 63	Correct journal code is JNE/AB.
60435	J, JNE, 17, 347, 63	Correct journal code is JNE/AB.
60436	J, JNE, 17, 349, 63	Correct journal code is JNE/AB.

**Area 7**

70317	J, JNE, 18, 417, 6408	Correct journal code is JNE/AB.
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**Area 8**

80319	J, JNE, 11, 175, 60	Correct journal code is JNE/A.
80330	J, JNE, 17, 423, 63	Correct journal code is JNE/AB.
80390	J, JNE, 11, 171, 60	Correct journal code is JNE/A.

**Area A**

A0106	J, NP/A, 628, 469, 1998	Correct page is 479.
A0177	J, NP/A, 33, 173, 1980	Correct volume is 333.
A0263	J, PR/C, 63, 011302, 2000	Correct year is 2001.
A0462	J, PRL, 62, 399, 90	Correct year is 1989.
A0648	J, JIN, 38, 965, 1978	Correct year is 1976.
A1124	J, PR/C, 16, (5), 1613, 197705	Correct volume is 15.
A1229	J, NP, 89, (3), 632, 197911	Correct journal code is NP/A. Correct volume is 330. Correct issue is (2-3). Correct page is 269.
A1487	J, NP, 103, (2), 474, 196710	Correct journal code is NP/A.
A1502	J, PR/C, 1, (2), 427, 197308	Correct volume is 8.
A1514	J, PR, 129, (6), 2679, 196103	Correct year/month is 196303.

**Area B**

B0116	J, NP/A, 275, 93, 197610	Correct year/month is 197701.
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**Area C**

C0258	J, PR/C, 18, 1758, 197810	Correct page is 1756.
C0420	J, NIM, 257, 189, 1987	Correct journal code is NIM/A.
C0538	J, PR/C, 371, 225, 1981	Correct journal code is NP/A.
C0594	J, PR/C, 60, 054003, 2000	Correct year is 1999.
C0597	J, PR/C, 60, 061001, 2000	Correct year is 1999.
C0607	J, PR/C, 60, 064003, 2000	Correct year is 1999.
C0630	J, NP/A, 50, 424, 1964	Correct journal code is NP.
C0685	J, NP/A, 393, 282, 1983	Correct page is 283.
C0693	J, NP, 93, 648, 1967	Correct journal code is NP/A.
C0720	J, NP, 102, 161, 1967	Correct journal code is NP/A.
C0761	J, NP/A, 97, 102 (c), 200104	Correct volume is 687, page is 97.
C0766	J, PR/C, 13, 1948, 197411	Correct volume is 10.
C0833	J, PR/C, 163, 1034, 196711	Correct journal code is PR.

C0817	J, PR/C, 60, 067302, 200106	Correct year/month is 199912.
C0857	J, PR, 112, 1702, 195912	Correct year/month is 195812.
C0910	J, NP/A, 54, 434, 1964	Correct journal code is NP.
C0940	J, PR/C, 65, 064609, 2003	Correct year is 2002.
C0978	J, PR/C, 69, 024708, 2004	Correct page is 024608.
C1001	J, PR/C, 67, 0146608, 2003	Correct page is 014608.
C1035	J, PR, 19, 372, 197902	Correct journal code is PR/C. Correct page is 370.
C1066	J, PR/C, 57, 2887, 199711	Correct year/month is 199806.
C1089	J, PR, 108, 4271, 195707	Correct page is 427.
C1150	J, PR/C, 63, 014604, 2000	Correct year is 2001.
C1211	J, NP, 29, 485, 1963	Correct page is 474.
<b>Area D</b>		
D0030	J, NP/A, , , 82	Volume is 383. Page is 251.
D0101	J, NP/A, 250, 235, 1973	Correct year is 1975.
D0131	J, NIM, 201, 476, 1982	Correct page is 473.
D0221	J, NP, 44, 546, 1964	Correct year is 1963.
D0234	J, NP/A, 282, 221, 1976	Correct year is 1977.
D4001	J, ARI, 376, 72, 91	Correct journal is "Acta Radiologica Suppl."
D4048	J, ARI, 42, 124, 91	(cannot find relevant journal)
D4089	J, NIM, B152, 187, 1999	Correct journal code is NIM/B. Correct page is 152.
<b>Area E</b>		
E1239	J, NIM/B, 1281, 581, 89	Correct journal code is NIM/A. Correct volume is 281.
E1277	J, NP/A, 480, 33, 88	Correct page is 323.
<b>Area F</b>		
F0335	J, NP/A, 38, 114, 196210	Correct journal code is NP.
F0513	J, NP/A, 398, 297, 1983	Correct page is 279.
F0580	J, NP/A, 462, 387, 1987	Correct page is 385.
<b>Area G</b>		
G0012	J, PR/C, 40, (2), 506, 8809	Correct year/month is 198908.
G3004	J, PR/C, 48, (4), 1559, 9010	Correct issue and page are 1 and 105. Correct date is 199307.
<b>Area M</b>		
M0084	J, NIM/A, 136, 373, 76	Correct journal code is NIM.
M0090	J, NP/A, 275, 326, 76	Correct volume is 273.
M0237	J, PR, 2, 263, 59	Correct journal code is PRL.
M0240	J, NIM/A, 127, 1, 1975	Correct journal code is NIM.
M0366	J, NP/A, 264, 30, 79	Correct journal code is PRL.

M0428	J, PR/C, 9, 1153, 1975	Correct volume is 43.
M0448	J, NP/A, 486, 77, 87	Correct page is 117.
M0485	J, PL/B, 322, 47, 73	Correct year is 1974.
		Correct volume is 465.
		Correct volume is 47.
		Correct page is 433.
M0636	J, NP/A, 469, 239, 1980	Correct year is 1987.
<b>Area O</b>		
O0060	J, NP/A, 467, 61, 1978	Correct year is 1987.
O0238	J, NP/A, 86, 307, 66	Correct journal code is NP.
O0282	J, NIM/B, 82, 3, 93	Correct page is 9.
O0410	J, JIN, 37, 627, 1977	Correct year is 1975.
O0414	J, JIN, 33, 2720, 1970	Correct year is 1971.
O0490	J, NP/A, 92, 193, 1977	Correct year is 1967.
O0553	J, NP/A, 80, 625, 1966	Correct journal code is NP.
O0596	J, JIN, 54, 2349, 1976	Correct volume 39.
		Correct page is 1497.
		Correct year is 1977.
		First author is J. L. Galinier.
O0647	J, NP/A, 422, 607, 1984	Correct page is 307.
O0694	J, NIM/B, 292, 180, 2005	Correct volume is 229.
O0873	J, NIM/B, 113, 396, 1998	Correct year is 1996.
O0918	J, PR/C, 64, 05584, 2001	Correct page is 055804.
O0962	J, NP/A, 678, 3, 2002	Correct year is 2000.
O1015	J, PR/C, 58, 247, 1999	Correct year is 1998.
O1061	J, PR/C, 65, 014305, 2001	Correct year is 2002.
O1214	J, JIN, 41, 2227, 1981	Correct volume is 43.
<b>Area P</b>		
P0021	J, NP, 93, 648, 1967	Correct journal code is NP/A.
P0116	J, NP, 98, 25, 1967	Correct journal code is NP/A.
P0118	J, NP, 102, 161, 1967	Correct journal code is NP/A.
P0119	J, NP, 107, 427, 1968	Correct journal code is NP/A.
P0133	J, NP, 115, 683, 1968	Correct journal code is NP/A.
<b>Area R</b>		
R0007	J, ARI, 29, 29, 73	Correct year is 1978.
R0022	J, NP/A, 269, 312, 85	Correct year is 1976.
<b>Area T</b>		
T0230	J, NP/A, 61, 641, 1965	Correct journal code is NP.



# Japan Charged-Particle Nuclear Reaction Data Group

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## Memo CP-E/069

**Date:** May 24, 2005  
**To:** Distribution  
**From:** OTSUKA Naohiko and AIKAWA Masayuki  
**Subject:** Problematic entries (1)  
**Reference:** CP-M/16

During production of index files for a new EXFOR-ENDF retrieval system developed by JCPRG and JAERI-NDC, various errors are found in EXFOR master files stocked in JCPRG server. As the first part of error list, format errors are listed below. Asterisks after subentry numbers mean errors reported in CP-M/16. For some cases, opening parentheses at column 13 may not be errors if parenthesized words are not coded information.

### SUBENT

V0034        003            N1 field is incorrect.

### AUTHOR

11313        001            Closing parenthesis in first line should be replaced by comma.  
11336        001            Second line should be under REFERENCE.

### ERR-ANALYS

10148        001            Opening parenthesis is not at column 12.  
10283        002-004        (same)  
10285        002-004        (same, 10285.014 is not in NDS web site)  
              014,017  
              031  
11167        002            (same)  
22354        003-004        (same)  
22425        001            (same)  
40082        001            (same)  
40161        001            (same)  
40930        001            (same)  
A0209        001            (same)  
C0244        001            (same)  
D4024        001            (same)  
D4031        001            (same)  
T0110        004-020        (same)

(even)  
032-048  
(even)

**FACILITY**

D4001      001            Opening parenthesis not at column 12.

**EN-SEC**

F0294      004            Opening parenthesis not at column 12.

**MOM-SEC**

M0593      002-013        Opening parenthesis not at column 12.

**STATUS**

11520      001            Opening parenthesis not at column 12.

41210      006            (same)

41368      009            (same)

F0378      002\*, 008\*,  
             014, 015,  
             017            (same)

**Unit code**

22205      003\*            Positions of unit codes in DATA section are incorrect.

O0219      013\*            Positions of 3<sup>rd</sup> unit code in COMMON section is incorrect.

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**Additional errors found by NDS**

- 1) Entries C1110, C1114, and C1115 all have the same reference but different data and partly different reactions
- 2) Duplications:      13998 = 13896  
                              O0961 = D4127