

**EXFOR completeness for neutron data published in Phys. Rev. C****N. Otsuka, S. Dunaeva, A. Mengoni**

As a part of the WPEC SG-30 activity, EXFOR completeness check was done in 2008 by NDS, and its result was reported in WP2008-13 (=CP-D/513). Progress in compilation of articles in the list since the last meeting is reviewed. The total number of articles is reduced from 74 to 53.

	<b>Area 1</b>	<b>Area 2</b>	<b>Area 3</b>	<b>Area 4</b>	<b>?</b>	<b>Total</b>
2008.08.20	37	29	7	0	1	74
2009.04.16	20	25	7	0	1	53

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**Memo CP-D/562**

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**To:** Distribution  
**From:** N. Otsuka, S. Dunaeva, A. Mengoni  
**Subject:** EXFOR completeness for neutron data in Phys. Rev. C (2)  
**Reference:** Memo CP-D/513

In order to reach full coverage for neutron induced reactions published in PR/C, the articles missing in EXFOR were summarized last year in Memo CP-D/513 (=WP2008-13). Progress in compilation since the last meeting is summarized below.

**Number of articles missing in EXFOR**

	Area 1	Area 2	Area 3	Area 4	?	Total
2008.08.20	37	29	7	0	1	74
2009.04.16	20	25	7	0	1	53

**List of articles missing in EXFOR**

Vol.	No	Page	Published	Lab	Quantity	Entry	Remark
1	4	1221	1970-04	3CROBZ	DA2		
2	4	1554	1970-10	1USACOL	FY		
2	4	1579	1970-10	1USALRL	DAA		
3	1	373	1971-01	1USAORL	MLT, KE		
3	2	849	1971-02	1CANMCM	FY		Upper limit
4	1	223	1971-07	3ISLSOR	KE		
4	1	267	1971-07	1USACOL	MLT		
6	3	801	1972-09	1USAGRT	CS		
6	3	1023	1972-09	1USAORL	FY, MLT, KE		
6	6	2252	1972-12	1USAANL	FY		
7	1	419	1973-01	1USABNL	SPC		
7	3	1173	1973-03	1USAIRT	MLT	14195	Compiled!
7	6	2598	1973-06	1USAORL	CS	---	Continuous line, compiled to CINDA at NDS (2008-08-23).
8	3	1035	1973-09	1USABNL	SPC		
9	6	2252	1974-06	2NEDKVI	CS		
15	3	1171	1977-03	2SWTBAS	DA		
16	2	588	1977-08	1USABNL	SPC		
16	2	716	1977-08	3INDTRM	KE		
16	4	1389	1977-10	2GERHAM	CS		,SIG,,SS
18	4	1745	1978-10	3INDTRM	FY, KE		
20	4	1244	1979-10	2ITYBAU	DAP		
21	3	998	1980-03	1CANTRM	POE	14193	Compiled!
22	1	337	1980-07	2ITYBAU	DAP		

24	2	796	1981-08	1USALAS	POL	14192	Compiled!
24	4	1419	1981-10	1USALAS	LDP		
24	5	2331	1981-11	2ITYMIL	DE, DAE		
27	4	245	1983-01	1USALAS	FY	14190	Compiled!
28	6	2212	1983-12	1USATNL	DA	---	Optical model analysis
30	6	1795	1984-12	2FR BRC	DA		
33	3	969	1986-03	2INDTRM	FY		
33	5	1826	1986-05	1USAOHQ	DA	14205	Compiled!
34	1	218	1986-07	2GERKFK	FY, NU, KE		
35	1	81	1987-01	1USABNL	SPC		CPND part is in C0204. A part of neutron data are from 2FR ILL.
35	2	402	1987-02	2BLGLVN	DA		
36	5	1749	1987-11	3SAFDWU	DAP		
38	3	1270	1988-09	2FR ILL	CS		ratio to U-235(n,f)
38	4	1649	1988-10	2FR GRA	DE		
39	4	1633	1989-04	1CANMCM	ES	14187	Compiled!
39	5	1736	1989-05	1USAORL	ESP	14186	Compiled!
40	6	2527	1989-12	2FR BRC	DA, DAP		
43	2	521	1991-02	1USALAS	ESP	14169	Compiled!
43	3	1099	1991-03	1CANTMF	DAE	14168	Compiled!
43	4	1932	1991-04	3POLIPJ	DE		
44	1	506	1991-07	2GERKFK	CS		
44	1	523	1991-07	1USABNL	SPC		
44	6	2419	1991-12	1USALAS	ES	14170	Compiled!
45	5	2343	1992-05	1USALAS	DAE, DA P, CS		
45	2	1500	1992-02	1USALAS	DAE	14207	Compiled!
46	6	2283	1992-12	1USABNL	SPC		
47	3	1033	1993-03	1USALAS	CS	---	Compiled in EXFOR 13569 from PR/C 47 1033 (1993) (as seen in CINDA)
48	1	109	1993-07	1USABNL	SPC		
48	3	1158	1993-09	1USALAS	DAP, DAE E	14204	Compiled!
51	4	379	1995-01	2GERKFK	ES	22749	Compiled!
51	3	1540	1995-03	2GERKFK	CS		
51	6	3127	1995-06	3INDTRM	MLT		
51	6	3363	1995-06	2GERMUN	ES	22716	Compiled!
51	6	3465	1995-06	2GERKFK	CS		
52	2	495	1995-08	1CANTMF	DA		
53	4	459	1996-01	2GERFZK	ES	22781	Compiled!
53	2	977	1996-02	2GERFZK	CS		MACS
53	3	1397	1996-03	2GERFZK	CS		MACS
56	3	1424	1997-09	2AUSIRK	DAE, DE , DA		
56	6	2941	1997-12	2GERBON	POL		
57	2	484	1998-02	2GERBON	POL		
58	2	1325	1998-08	2GERBON	POL		
60	4	045502	1999-10	1USALAS	RP		
64	4	015501	2001-07	1USALAS	RP	14179	Compiled!
64	4	015502	2001-07	1USALAS	RP	14180	Compiled!
65	5	057603	2002-05	?	CS		
67	3	034610	2003-03	2FR ILL	KE, FY		FY: relative?

68	2	024604	2003-08	2FR ILL	DAE, DE , CS		
70	4	044610	2004-10	2FR ILL	FY		
71	5	055803	2005-05	2JPNFIF	CS	22772	Compiled!