

Area 4 Articles Cited in Mughabghab's Atlas and Missing in EXFOR (A25)

(M. Mikhaliukova, 2016-05-13, Memo 4C-4/212)

NRDC 2015 Action 25 (Cabellos, Mikahiliukova, Pritychenko):

Perform EXFOR completeness checking for the list of articles received from NDS (articles cited in S. Mughabghab's "Atlas of Neutron Resonances") to identify articles missing in EXFOR, and assign responsibility of compilation of the identified articles to centres for by a memo.

Checking of the list of Articles cited by Mughabghab (Action 25 of the NRDC 2015 meeting) has been finished in CJD (area 4). 300 references were checked.

37 articles published in area 4 (for assessment by CJD), which are absent in EXFOR data base, are summarized in Table 1.

At the checking of this list some misprints were found, they are mentioned in the "Comment" column in Tables 1 and 2.

Table 1. Articles absent in EXFOR are highlighted for compilation of
-green - CJD, yellow - NDS; cyan – NNDC.

Author	Reference	Lab (pub)	EXFOR entry	Comment
Kachukeev	C, 75KIEV, 2, 205, 1975	3BULBLA		Wrong ch -> sh
Pavlenko	J, PTE, 3, 42, 1977	4CCPIJI		
Sakharov	J, AE, 3, 334, 1957	4RUSITE		
Stavisskii	J, AE, 19, 1210, 1965	4RUSFEI		1210->(3),292 ?
Bol'shov	J, AE, 28, 388, 1970	4RUSFEI		
Anufriev	J, AE, 32, 493, 1972	4RUSNIR		
Anufriev	J, AE, 36, 286, 1974	4RUSNIR		
Anufriev	J, AE, 36, 359, 1974	4RUSNIR		AE -> Engl.transl.
Druzhinin	J, AE, 46, 414, 1979	4RUSNIR		
Anufriev	J, AE, 46, 54, 1979	4RUSNIR		
Anufriev	J, AE, 49, 116, 1980	4RUSNIR		
Anufriev	J, AE, 51, 330, 1981	4RUSNIR		
Groshev	J, BAS, 30, 1187, 1966	4RUSKUR		
Slaughter	J, BAS, 18, 1402, 1973	1USA?	Area1?	Misprint BAS -> BAP?
Casten	J, BAS, 22, 997, 1977	1USA?	Area1?	Misprint BAS -> BAP?
Arifov	J, BAS, 42, 120, 1978	4RUSKUR		A0104REL-REF
Murin	J, SJA, 2, 677, 1957	4RUSITE		
Gangrskii	J, SNP, 24, 460, 1976	4ZZZDUB		
Alfimenkov	J, SNP, 32, 771, 1980	4ZZZDUB		
Arifov	J, SNP, 34, 572, 1982	4RUSKUR		
Gangrskii	J, YF, 10, 65, 1969	4ZZZDUB		
Vinivarter	J, YF, 20, 1, 1974	4ZZZDUB		->WiniWarter
Alfimenkov	J, YF, 31, 445, 1981	4ZZZDUB		Misprints
Arifov	J, YF, 34, 1028, 1981	4RUSKUR		
Valskii	J, YF, 36, 44, 1982	4RUSKUR		
Gvozdev	J, ZET, 36, 632, 1959	4RUSFTI		
Kuzminov	J, ZET, 37, 406, 1959	4RUSFEI		
Korneev	J, ZET, 37, 41, 1959	4ZZZDUB		
Galanina	J, ZET, 38, 1446, 1960	4RUSITE		

Wang	R, JINR-P-1761, 1964	4ZZZDUB	
Dakowski	R, JINR-P15-6730, 1972	4ZZZDUB	
Dakowski	R, JINR-P15-7119, 1973	4ZZZDUB	
Wilhem	R, JINR-P3-5553, 1970	4ZZZDUB	
Balabanov	R, JINR-P3-7366, 1973	4ZZZDUB	
Alfimenkov	R, JINR-P3-80-394, 1980	4ZZZDUB	
Antanov	R, JINR-P3-81-348, 1981	4ZZZDUB	Antonov?
Popov	R, JINR-P3-81-721, 1981	4ZZZDUB	

Table 2 Misprints found in the list.

Author	Reference	Lab (pub)	EXFOR entry	Comment
Anufriev	J, AE, 49, 111, 1980	4RUSNIR		wrong111 ->116
Nikitin	C, 55MOSCOW, 81, 60, 1955	4CCP	41221	"60" is wrong
Bogdanov	C, 68RIGA, 35, 1968	4CCP		No data
Vertebnyi	C, 73KIEV, 3, 95, 1973	4CCP	40276	Wrong 3 -> 2
Aleksandrov	C, 73KIEV, 5, 166, 1973	4CCP	40458	Wrong 73->75
Hamouda	C, 77KIEV, 2, 233, 1977	4CCP	30467+	Wrong 233-> 232
Antonov	C, 80KIEV, 125, 1980	4CCP	40152+	Misprint
Kapchigashev	J, AE, 16, 156, 1964	4RUS	40684	wrong156->256
Wang	J, AE, 19, 43, 1965	4RUS	40070,40271+	AUTHOR ?
Vertebnyi	J, AE, 27, 1117, 1969	4RUS	41280,10122	1117 ->(4),349
Fursoy	J, AE, 32, 178, 1972	4RUS	40102,40163	Author?2ndref.
Anufriev	J, AE, 55, 285, 1983	4RUS	40735	Misprint author
Dermendjiev	J, AE, 57, 1292, 1994	4RUS	41165	Misprint AE->PAN
Groshev	J, IZV, 26, 1118, 1962	4RUS	41252	Wrong1118->1119
Vishnevsky	J, IZV, 58, (5), 749, 1994	4RUS	41164	IZV->BAS
Vishnevski	J, IZV, 58, (5) 47, 1994	4RUS	41164	Coma absent
Barabanov	J, JET, 15, 643, 1972	4RUS	40120	JET->ZEP
Pavlenko	J, PTE, 20, 3, 42, 1977	4CCPIJI		20,3 -> 3
Masyanov	J, SNP, 73, 686, 1992	4RUS	41124	SNP->AE/T
Belyaev	J, SNP, 30, 179, 20?	4RUS	40478	SNP,30,1,1979
Dakowski	J, YF, 16, 1167, 1973	4RUS	40141	w-> v
Popov	J, YF, 23, 619, 1976	4RUS	40477	Misprints 619 ->1165
Alfimenkov	J, YF, 52, 927, 1990	4ZZZDUB		
Alfimenkov	R, JINR-R3-87-117, 1987	4ZZZDUB	41576	Misprint R3->P3 /
Grigog'ev	R, JINR-E3-98-202, 250	4ZZZDUB	41368	Misprint Author
Kim	R, JINR-P7-269, 1999	4ZZZDUB	22454,22862?	->?ISINN-7,269,1999 ?
Kim	S, JINR-P7-269, 1999	4ZZZDUB	22454,22862?	->?ISINN-7,269,1999 ?