

P_n values adopted in Rudstam's review (1979) and missing in EXFOR

(N. Otsuka, 2017-06-08, Memo 4C-3/410)

Various articles reporting delayed neutron multiplicities and probabilities are cited in C. Rudstam's review published in "Proceedings of the Consultants' Meeting on Delayed Neutron Properties, Vienna, 26-30 March 1979" INDC(NDS)-107 p69.

- 1 article for NNDC
- 21 articles for NEA DB,
- 1 article for NDS
- 1 article for CJD.

Please check each article and inform Valentina if they are for compilation by your centres (with entry numbers of the articles for compilation).

Ref	Author	Reference	Lab.	EXFOR	Remark
7	E.Lund+	J,ZP/A,294,233,1980	2SWDSWR		
7a	K.Aleklett+	J,ZP/A,295,331,1980	2SWDSWR		
8	J.V.Kratz+	J,JIN,35,1407,1973	2GERMNZ	20521	Pn values must be added.
9	R.B.Strittmatter	T,STRITTMATTER,1978	?		Article not available at NDS.
10	L.Tomlinson+	J,JIN,30,1649,1968	2UK HAR		
10a	L.Tomlinson+	J,JIN,30,1995,1968	2UK HAR		
10b	L.Tomlinson+	J,JIN,30,1125,1968	2UK HAR		
11	J.Crancon+	J,ZP/A,287,45,1978	2FR ILL		
12	J.V.Kratz+	J,JIN,32,3713,1970	2GERMNZ	22047	Pn values must be added.
13	P.del Marmol+	J,JIN,32,705,1970	2BLGMOL		
14	L.Tomlinson+	J,JIN,33,3609,1971	2UK HAR		
15	M.Asghar+	J,NP/A,247,359,1975	2FR ILL		
16	P.M.Aron+	J,SJA,16,447,1964	4RUSRI?	41617	Under compilation
17	P.del Marmol+	J,RCA,16,4,1971	2BLGMOL		
18	H.D.Schuessler+	J,RCA,18,123,1972	2GERMNZ		
19	P.L.Reeder+	J,PR/C,15,2108,1977	1USABNW		
20	K.L.Kratz+	J,RCA,25,1,1978	2GERMNZ	21058	Pn values must be added.
20a	K.L.Kratz+	J,NP/A,229,179,1974	2GERMNZ		
21	M.Asghar+	J,JIN,37,1563,1975	2FR ILL		
22	S.Amiel+	C,67VIENNA,,115,1967	3ISLSOR		
23	I.Amarel+	J,JIN,31,577,1969	2FR PAR		
24	E.Roeckl+	J,NP/A,222,621,1974	2BLGLVN		
25	C.Engler	J,NP/A,367,29,1981	3ISLSOR	30448	
26	P.Peuser+	J,ZP/A,289,219,1979	2GERMNZ	21581	Pn values must be added.
27	W.Rudolph+	J,JIN,39,753,1977	2GERMNZ	20879	Pn values must be added.
28	H.D.Schuessler+	C,69VIENNA,,591,1969	2GERMNZ		