

Tabella dei valori sperimentali e teorici dell'energia nucleare per strato

N	Sa	abb.%	$E_{zN}(Z;N)$	$E_{oS}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
1	D_1^2		2.224	2.2016	2.224	
	He_2^3	0,000137	20.817471	20.817471	20.817	
2	H_1^3		20.817471		20.817	
	He_2^4	99,99986	28.295551	28.295551		
3	Li_3^6	7,42	33.653466	29.914192	29.4897	1.4184
4	Li_3^7	92,58	39.653491	35.247548	38.1624	8.2698
5	Be_4^9		58.164759	46.531807	46.8352	0.6520
	B_5^{10}	19,9	67.574125	49.144818	46.8352	4.6996
6	B_5^{11}	80,1	74.722310	54.343498	55.5079	2.1426
	C_6^{12}	98,892	92.096604	61.397736	55.5079	9.5929
7	C_6^{13}	1,108	100.16231	66.774874	64.1806	3.8851
	N_7^{14}	99,635	104.66335	64.408218	64.1806	0.3538
8	N_7^{15}	0,365	112.53065	69.249633	69.2496	0.0000
	O_8^{16}	99,762	127.49238	72.852787	72.8530	0.0000
9	O_8^{17}	0,038	135.85151	77.629432	76.5388	1.4049

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
	O_8^{18}	0,20	144.21063	82.406076	82.025	0.4624
10	F_9^{19}		147.80161	78.827523	82.025	4.0563
	Ne_{10}^{20}	90,48	160.93015	80.465075	82.025	1.9386
11	Ne_{10}^{21}	0,27	169.36752	84.683761	87.512	3.3397
	Ne_{10}^{22}	9,25	177.80583	88.902914	92.999	4.6074
12	Na_{11}^{23}		186.56447	90.761094	92.999	3.4793
	Mg_{12}^{24}	78,99	198.24107	93.903667	92.999	0.9634
13	Mg_{12}^{25}	10,0	206.89176	98.001360	98.486	0.4945
	Mg_{12}^{26}	11,01	215.54338	102.09949	103.97	1.8320
14	Al_{13}^{27}		224.95191	103.82396	103.97	0.1406
	Si_{14}^{28}	92,23	236.54311	106.44440	103.97	2.3246
15	Si_{14}^{29}	4,67	245.38289	110.42230	109.46	0.8715
	Si_{14}^{30}	3,1	254.22174	114.39978	114.95	0.4809
16	P_{15}^{31}		262.91637	115.42670	114.95	0.4230
	S_{16}^{32}	95,02	270.84251	116.07536	114.95	0.9692
17	S_{16}^{33}	0,75	279.69720	119.87023	120.43	0.4672

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N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
18	S_{16}^{34}	4,21	288.55281	123.66549	125.92	1.8230
	Cl_{17}^{35}	75,59	301.35067	126.14679	125.92	0.1798
	Ar_{18}^{36}	0,337	307.64950	125.85661	125.92	0.0504
20	S_{16}^{36}	0,02	306.26218	131.25522	133.55	1.7483
	Cl_{17}^{37}	24,41	319.33017	133.67310	133.55	0.0921
	Ar_{18}^{38}	0,063	325.52374	133.16880	133.55	0.2862
	K_{19}^{39}	93,2581	333.71723	133.48689	133.55	0.0472
	Ca_{20}^{40}	96,943	341.63686	133.68399	133.55	0.1002
21	K_{19}^{40}	0,0117	342.65481	137.06193	137.36	0.2174
22	Ar_{18}^{40}	99,6	343.39798	140.48099	141.18	0.4976
	K_{19}^{41}	6,7302	351.59240	140.63696	141.18	0.3861
	Ca_{20}^{42}	0,647	359.50085	140.67425	141.18	0.3597
23	Ca_{20}^{43}	0,135	368.43378	144.16974	144.99	0.5690
24	Ca_{20}^{44}	2,086	377.36577	147.66487	148.81	0.7755
	Sc_{21}^{45}		387.84794	148.53751	148.81	0.1834
	Ti_{22}^{46}	8,0	410.30074	153.86278	148.81	3.2839
25	Ti_{22}^{47}	7,3	419.59509	157.34816	152.62	3.0048

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
26	Ca_{20}^{46}	0,004	395.22977	154.65513	156.43	1.1476
	Ti_{22}^{48}	73,8	428.88851	160.83319	156.43	2.7377
	Cr_{24}^{50}	4,345	437.80210	157.60876	156.43	0.7479
27	Ti_{22}^{49}	5,5	438.18192	164.31822	160.25	2.4758
	V_{23}^{50}	0,25	436.70650	160.42280	160.25	0.1077
28	Ca_{20}^{48}	0,185	413.09376	161.64538	164.06	1.4937
	Ti_{22}^{50}	5,4	447.47627	167.80360	164.06	2.2309
	V_{23}^{51}	99,75	445.80058	163.76348	164.06	0.1810
	Cr_{24}^{52}	83,789	456.06478	164.18332	164.06	0.0751
	Fe_{26}^{54}	5,84	474.07907	164.10429	164.06	0.0270
29	Cr_{24}^{53}	9,501	465.19611	167.47060	167.06	0.2451
30	Cr_{24}^{54}	2,365	474.32745	170.75788	170.06	0.4087
	Mn_{25}^{55}		482.07009	170.14239	170.06	0.0484
	Fe_{26}^{56}	91,72	492.39018	170.44275	170.06	0.2245
	Ni_{28}^{58}	68,177	510.73515	170.24505	170.06	0.1086
31	Fe_{26}^{57}	2,17	501.54667	173.61231	173.05	0.3239

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N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
32	Fe_{26}^{58}	0,27	510.70222	176.78154	176.05	0.4138
	Co_{27}^{59}		517.31310	175.69124	176.05	0.2042
	Ni_{28}^{60}	26,133	529.10215	176.36738	176.05	0.1794
33	Ni_{28}^{61}	1,14	538.28565	179.42855	179.05	0.2109
34	Ni_{28}^{62}	3,634	547.46915	182.48972	182.05	0.2409
	Cu_{29}^{63}	69,14	551.20730	181.84158	182.05	0.1146
	Zn_{30}^{64}	48,6	554.82436	181.16714	182.05	0.4874
36	Ni_{28}^{64}	0,926	565.83615	188.61205	188.04	0.3032
	Cu_{29}^{65}	30,86	569.42620	187.85194	188.04	0.1001
	Zn_{30}^{66}	27,81	572.89608	187.06811	188.04	0.5196
37	Zn_{30}^{67}	4,1	581.93240	190.01874	191.04	0.5374
38	Zn_{30}^{68}	18,57	590.96779	192.96907	194.04	0.5549
	Ga_{31}^{69}	60,3	597.95965	193.27989	194.04	0.3932
	Ge_{32}^{70}	20,4	604.25382	193.36122	194.04	0.3511
40	Zn_{30}^{70}	0,92	609.03951	198.87004	200.04	0.5883

N	Sa	abb.%	$E_{Z\text{N}}(Z;N)$	$E_{0\text{S}}(N)$ MeV	$E_{0\text{T}}(N)$ MeV	$\varepsilon\%$
40	Ga_{31}^{71}	39,7	615.99504	199.10951	200.04	0.4673
	Ge_{32}^{72}	27,45	622.23332	199.11466	200.04	0.4647
	Se_{34}^{74}	0,89	639.83310	200.73195	200.04	0.3447
41	Ge_{32}^{73}	7,73	631.22307	201.99138	203.04	0.5191
42	Ge_{32}^{74}	36,67	640.21282	204.86810	206.03	0.5671
	As_{33}^{75}		652.55891	206.75134	206.03	0.3489
	Se_{34}^{76}	9,36	657.84520	206.38281	206.03	0.1709
	Kr_{36}^{78}	0,42	675.10871	207.72576	206.03	0.8163
43	Se_{34}^{77}	7,63	666.85078	209.20809	209.03	0.0851
44	Ge_{32}^{76}	7,75	658.19325	210.62184	212.03	0.6686
	Se_{34}^{78}	23,78	675.85637	212.03337	212.03	0.0000
	Br_{35}^{79}	50,7	685.60079	213.00219	212.03	0.4564
	Kr_{36}^{80}	2,27	693.14130	213.27425	212.03	0.5834
46	Se_{34}^{80}	49,61	693.86847	217.68423	218.03	0.1588
	Br_{35}^{81}	49,3	703.65109	218.61005	218.03	0.2653
	Kr_{36}^{82}	11,56	711.17390	218.82274	218.03	0.3622
	Sr_{38}^{84}	0,56	728.19242	219.83167	218.03	0.8196
47	Kr_{36}^{83}	11,55	720.19066	221.59713	221.02	0.2604

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N	Sa	abb. %	$E_{zN}(Z;N)$	$E_{oS}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
48	Se_{34}^{82}	8,73	711.87964	223.33479	224.02	0.3068
	Kr_{36}^{84}	56,90	729.20649	224.37123	224.02	0.1565
	Rb_{37}^{85}	72,168	739.30302	225.31140	224.02	0.5731
	Sr_{38}^{86}	9,84	746.23899	225.27969	224.02	0.5592
49	Sr_{38}^{87}	7,02	755.26134	228.00342	227.02	0.4313
50	Kr_{36}^{86}	17,30	747.23908	229.91972	230.02	0.0436
	Rb_{37}^{87}	27,832	757.37939	230.82039	230.02	0.3467
	Sr_{38}^{88}	82,58	764.28462	230.72743	230.02	0.3066
	Y_{39}^{89}		775.53434	231.93550	230.02	0.8258
	Zr_{40}^{90}	51,59	775.73468	229.84731	230.02	0.0751
	Mo_{42}^{92}	14,84	786.89690	228.91546	230.02	0.4825
51	Zr_{40}^{91}	11,22	784.70207	234.09979	232.59	0.6449
52	Zr_{40}^{92}	17,15	793.66946	235.16132	235.15	0.6086
	Nb_{41}^{93}		805.76125	236.55376	235.15	0.5969
	Mo_{42}^{94}	9,25	804.71804	232.50432	235.15	1.1379
	Ru_{44}^{96}	5,50	823.15989	235.18854	235.15	0.0164
53	Mo_{42}^{95}	15,92	813.62861	236.69196	237.72	0.4343

N	Sa	abb. %	$E_{Z_N}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
54	Zr_{40}^{94}	17,28	811.60332	240.47506	240.29	0.0770
	Mo_{42}^{96}	16,68	822.53826	239.28386	240.29	0.4205
	Ru_{44}^{98}	1,88	841.02575	240.29307	240.29	0.0000
55	Mo_{42}^{97}	9,45	831.44883	241.87602	242.85	0.4027
	Ru_{44}^{99}	12,7	849.95868	242.84534	242.85	0.0000
56	Zr_{40}^{96}	2,76	829.53717	245.78879	245.42	0.1500
	Mo_{42}^{98}	24,13	840.35940	244.46819	245.42	0.3893
	Ru_{44}^{100}	12,6	858.89254	245.39787	245.42	0.0090
	Tc_{43}^{99}		852.70083	245.82366	245.42	0.1642
56	Pd_{46}^{102}	0,99	878.88998	246.70596	245.42	0.5212
57	Ru_{44}^{101}	17,02	867.82826	247.95093	247.99	0.0157
	Mo_{42}^{100}	9,73	858.17961	249.65225	250.55	0.3596
58	Ru_{44}^{102}	31,6	876.75653	250.50187	250.55	0.0192
	Rh_{45}^{103}		884.16663	250.38347	250.55	0.0665
	Pd_{46}^{104}	10,97	896.83036	251.74185	250.55	0.4734
	Cd_{48}^{106}	1,21	912.16288	251.63114	250.55	0.4296
	Pd_{46}^{105}	22,23	905.79589	254.25849	253.12	0.4477

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{oS}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
60	Ru_{44}^{104}	18,7	894.62239	255.60640	255.69	0.0327
	Pd_{46}^{106}	27,33	914.77073	256.77775	255.69	0.4236
	Ag_{47}^{107}	51,33	923.95067	257.09932	255.69	0.5481
	Cd_{48}^{108}	0,89	930.08462	256.57507	255.69	0.3488
62	Pd_{46}^{108}	26,71	932.70179	261.81103	260.82	0.3785
	Ag_{47}^{109}	48,67	941.90968	262.09661	260.82	0.4871
	Cd_{48}^{110}	12,39	948.00637	261.51900	260.82	0.2673
	Sn_{50}^{112}	0,95	954.17299	258.75878	260.82	0.7966
63	Cd_{48}^{111}	12,75	956.96259	263.98968	263.39	0.2271
64	Pd_{46}^{110}	11,77	950.64217	266.84692	265.96	0.3323
	Cd_{48}^{112}	24,07	965.91880	266.46036	265.96	0.1878
	In_{49}^{113}	4,23	962.66329	263.29252	265.96	1.0131
	Sn_{50}^{114}	0,65	971.90844	263.56839	265.96	0.9074
65	Cd_{48}^{113}	12,26	974.88433	268.93361	267.64	0.4810
	Sn_{50}^{115}	0,34	980.78082	265.97446	267.64	0.6262
66	Cd_{48}^{114}	28,86	983.84055	271.40429	269.32	0.7679
	In_{49}^{115}	95,77	980.38011	268.13815	269.32	0.4407
	Sn_{50}^{116}	14,54	989.64388	268.37800	269.32	0.3510

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{oS}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
67	Sn_{50}^{117}	7,59	998.51626	270.78407	271.00	0.0797
	Cd_{48}^{116}	7,57	1001.7623	276.34822	272.68	1.3274
68	Sn_{50}^{118}	24,23	1007.3793	273.18761	272.68	0.1858
	Te_{52}^{120}	0,09	1007.7055	268.72146	272.68	1.4731
69	Sn_{50}^{119}	8,59	1016.2517	275.59368	274.36	0.4467
	Sn_{50}^{120}	32,69	1025.1241	277.99975	276.04	0.7049
70	Sb_{51}^{121}	57,25	1024.5047	275.49707	276.04	0.1970
	Te_{52}^{122}	2,51	1025.1801	273.38136	276.04	0.9725
	Xe_{54}^{124}	0,11	1039.4787	272.65014	276.04	1.2433
71	Te_{52}^{123}	0,90	1033.9221	275.71255	277.72	0.7281
	Sn_{50}^{122}	4,63	1042.8595	282.80937	279.40	1.2055
72	Sb_{51}^{123}	42,75	1042.1004	280.22869	279.40	0.2957
	Te_{52}^{124}	4,65	1042.6547	278.04126	279.40	0.4887
	Xe_{54}^{126}	0,09	1056.9254	277.22632	279.40	0.7841
73	Te_{52}^{125}	7,2	1051.3967	280.37246	281.08	0.2523

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
74	Sn_{50}^{124}	5,79	1060.5950	287.61898	282.76	1.6894
	Te_{52}^{126}	18,95	1060.1294	282.70116	282.76	0.0208
	I_{53}^{127}		1072.5788	283.65722	282.76	0.3163
	Xe_{54}^{128}	1,92	1074.3720	281.80250	282.76	0.3398
	Ba_{56}^{130}	0,106	1083.5753	279.63234	282.76	1.1185
75	Xe_{54}^{129}	26,44	1083.0954	284.09059	284.44	0.1230
76	Te_{52}^{128}	31,8	1077.6040	287.36106	286.12	0.4319
	Xe_{54}^{130}	4,08	1091.8187	286.37868	286.12	0.0903
	Ba_{56}^{132}	0,101	1100.9195	284.10827	286.12	0.7080
77	Xe_{54}^{131}	21,18	1100.5421	288.66677	287.80	0.3002
78	Te_{52}^{130}	33,9	1095.0786	292.02097	289.48	0.8701
	Xe_{54}^{132}	26,89	1109.2654	290.95486	289.48	0.5069
	Cs_{55}^{133}		1118.5274	290.99900	289.48	0.5220
	Ba_{56}^{134}	2,417	1118.2638	288.58420	289.48	0.3104
	Ce_{58}^{136}	0,20	1135.7201	288.43685	289.48	0.3616
79	Ba_{56}^{135}	6,592	1126.9312	290.82096	291.16	0.1165

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{oS}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
80	Xe ¹³⁴ ₅₄	10,42	1126.7121	295.53104	292.84	0.9105
	Ba ¹³⁶ ₅₆	7,854	1135.6080	293.06013	292.84	0.0751
	Ce ¹³⁸ ₅₈	0,25	1153.0923	292.84883	292.84	0.0000
81	Ba ¹³⁷ ₅₆	11,76	1144.2754	295.29689	294.52	0.2631
	La ¹³⁸ ₅₇	0,09	1155.8307	295.89266	294.52	0.4639
82	Xe ¹³⁶ ₅₄	8,87	1144.1588	300.10722	298.60	0.5022
	Ba ¹³⁸ ₅₆	71,17	1152.9522	297.53605	297.80	0.0887
	La ¹³⁹ ₅₇	99,91	1164.5261	298.11868	297.00	0.3752
	Ce ¹⁴⁰ ₅₈	88,48	1170.4551	297.25844	296.20	0.3560
	Pr ¹⁴¹ ₅₉		1177.9192	296.79855	295.40	0.4712
	Nd ¹⁴² ₆₀	27,13	1180.6551	295.16377	294.60	0.1910
	Sm ¹⁴⁴ ₆₂	3,07	1188.5729	294.20122	293.80	0.1363
83	Nd ¹⁴³ ₆₀	12,18	1189.3039	297.32598	297.88	0.1762
84	Ce ¹⁴² ₅₈	11,07	1187.8273	301.67042	300.36	0.4344
	Nd ¹⁴⁴ ₆₀	23,8	1197.9527	299.48819	298.76	0.2431
85	Nd ¹⁴⁵ ₆₀	8,3	1206.5922	301.64806	302.04	0.1299
	Sm ¹⁴⁷ ₆₂	15,02	1214.3424	300.57980	300.44	0.0465

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{oS}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
86	Nd ₆₀ ¹⁴⁶	17,19	1215.2411	303.81027	303.72	0.0297
	Pm ₆₁ ¹⁴⁷		1217.8447	302.94643	302.92	0.0080
	Sm ₆₂ ¹⁴⁸	11,25	1222.9353	302.70677	302.12	0.1938
87	Sm ₆₂ ¹⁴⁹	13,83	1231.5190	304.83142	304.60	0.0759
88	Nd ₆₀ ¹⁴⁸	5,76	1232.5294	308.13235	307.88	0.0819
	Sm ₆₂ ¹⁵⁰	7,43	1240.1119	306.95839	306.28	0.2210
	Eu ₆₃ ¹⁵¹	47,8	1243.3955	306.25504	305.48	0.2531
	Gd ₆₄ ¹⁵²	0,20	1244.3596	304.99010	304.68	0.1017
90	Nd ₆₀ ¹⁵⁰	5,64	1249.8177	312.45443	312.04	0.1326
	Sm ₆₂ ¹⁵²	26,6	1257.2978	311.21232	310.44	0.2481
90	Eu ₆₃ ¹⁵³	52,2	1260.5161	310.47195	309.64	0.2679
	Gd ₆₄ ¹⁵⁴	2,18	1261.3871	309.16351	308.84	0.1046
	Dy ₆₆ ¹⁵⁶	0,06	1269.5285	308.13799	307.24	0.2914
91	Gd ₆₄ ¹⁵⁵	14,80	1269.9056	311.25136	311.32	0.0220
92	Sm ₆₂ ¹⁵⁴	22,8	1274.4743	315.46394	313.80	0.5274
	Gd ₆₄ ¹⁵⁶	20,47	1278.4240	313.33921	313.00	0.1082
	Dy ₆₆ ¹⁵⁸	0,10	1286.4629	312.24827	312.20	0.0154

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N	Sa	abb. %	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
93	Gd_{64}^{157}	15,65	1286.9331	315.42477	314.68	0.2361
	Gd_{64}^{158}	24,84	1295.4515	317.51262	317.96	0.1409
94	Tb_{65}^{159}		1302.0232	317.56664	317.16	0.1280
	Dy_{66}^{160}	2,34	1303.3972	316.35856	316.36	0.0000
	Er_{68}^{162}	0,14	1312.4329	315.48867	315.56	0.0226
95	Dy_{66}^{161}	18,89	1311.8691	318.41483	318.04	0.1177
	Gd_{64}^{160}	21,86	1312.4883	321.68831	321.32	0.1145
96	Dy_{66}^{162}	25,51	1320.3409	320.47110	319.72	0.2343
	Er_{68}^{164}	1,61	1329.2927	319.54152	318.12	0.4448
97	Dy_{66}^{163}	24,92	1328.8034	322.52511	321.40	0.3488
	Dy_{66}^{164}	28,18	1337.2753	324.58138	324.68	0.0308
98	Ho_{67}^{165}		1344.2569	324.69973	323.88	0.2524
	Er_{68}^{166}	33,6	1346.1526	323.59436	323.08	0.1590
	Yb_{70}^{168}	0,12	1351.6671	321.82551	321.48	0.1073
99	Er_{68}^{167}	22,95	1354.5871	325.62191	324.76	0.2647
100	Er_{68}^{168}	26,8	1363.0124	327.64721	327.24	0.1243
	Tu_{69}^{169}		1371.3540	328.07512	326.44	0.4984

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{os}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
100	Yb ¹⁷⁰ ₇₀	3,03	1368.4059	325.81092	325.64	0.0524
101	Yb ¹⁷¹ ₇₀	14,31	1376.7752	327.80363	328.12	0.0965
102	Er ¹⁷⁰ ₆₈	14,9	1379.8722	331.70006	331.40	0.0904
	Yb ¹⁷² ₇₀	21,84	1385.1539	329.79856	329.80	0.0000
	Hf ¹⁷⁴ ₇₂	0,162	1393.1370	328.57004	328.20	0.1126
103	Yb ¹⁷³ ₇₀	16,13	1393.5233	331.79126	331.48	0.0938
104	Yb ¹⁷⁴ ₇₀	31,84	1401.8927	333.78397	333.96	0.0527
	Lu ¹⁷⁵ ₇₁	97,41	1411.6967	334.52529	333.16	0.4081
	Hf ¹⁷⁶ ₇₂	5,206	1409.7919	332.49809	332.36	0.0415
105	Lu ¹⁷⁶ ₇₁	2,59	1420.0847	336.51297	335.64	0.2594
	Hf ¹⁷⁷ ₇₂	18,606	1418.1240	334.46321	334.84	0.1126
106	Yb ¹⁷⁶ ₇₀	12,73	1418.6407	337.77161	338.12	0.1031
	Hf ¹⁷⁸ ₇₂	27,297	1426.4561	336.42833	336.52	0.0272
	W ¹⁸⁰ ₇₄	0,12	1440.2610	336.50957	334.92	0.4724
107	Hf ¹⁷⁹ ₇₂	13,629	1434.7882	338.39345	338.60	0.0610
	Ta ¹⁸⁰ ₇₃	0,0123	1443.8657	338.93561	337.80	0.3350

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\mathcal{E}\%$
108	Hf ₇₂ ¹⁸⁰	35,1	1443.1203	340.35857	341.48	0.3295
	Ta ₇₃ ¹⁸¹	99,9877	1452.2071	340.89369	340.68	0.0627
	W ₇₄ ¹⁸²	26,50	1456.9066	340.39873	339.88	0.1524
	Os ₇₆ ¹⁸⁴	0,02	1464.6661	339.04307	339.08	0.0109
109	W ₇₄ ¹⁸³	14,31	1465.2294	342.34331	341.56	0.2288
110	W ₇₄ ¹⁸⁴	30,64	1473.5522	344.28789	344.04	0.0720
	Re ₇₅ ¹⁸⁵	37,37	1476.6122	343.39819	343.24	0.0460
	Os ₇₆ ¹⁸⁶	1,59	1481.2371	342.87897	342.44	0.1280
111	Os ₇₆ ¹⁸⁷	1,64	1489.5134	344.79476	344.92	0.0363
112	W ₇₄ ¹⁸⁶	28,43	1490.1978	348.17705	348.20	0.0000
	Re ₇₅ ¹⁸⁷	62,63	1493.2112	347.25842	347.40	0.0408
	Os ₇₆ ¹⁸⁸	13,32	1497.7989	346.71271	346.60	0.0323
	Pt ₇₈ ¹⁹⁰	0,01	1501.6461	344.41424	345.00	0.1700
113	Os ₇₆ ¹⁸⁹	16,13	1506.0844	348.63066	348.28	0.1006
114	Os ₇₆ ¹⁹⁰	26,40	1514.3700	350.54861	350.76	0.0603
	Ir ₇₇ ¹⁹¹	37,23	1516.6382	349.45581	349.96	0.1443
	Pt ₇₈ ¹⁹²	0,77	1518.0961	348.18717	349.16	0.2794

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
116	Os_{76}^{192}	40,90	1530.9317	354.38235	354.92	0.1517
	Ir_{77}^{193}	62,77	1533.1534	353.26116	354.12	0.2431
	Pt_{78}^{194}	32,9	1534.5461	351.96011	353.32	0.3864
	Hg_{80}^{196}	0,14	1554.1541	353.21685	351.72	0.4238
117	Pt_{78}^{195}	33,8	1542.7664	353.84550	355.00	
118	Pt_{78}^{196}	25,3	1550.9960	355.73304	357.48	
	Au_{79}^{197}		1559.3851	356.02401	356.68	
	Hg_{80}^{198}	9,96	1570.6507	356.96607	355.88	
119	Hg_{80}^{199}	16,84	1578.8990	358.84068	358.36	
120	Pt_{78}^{198}	7,22	1567.4367	359.50383	360.84	
	Hg_{80}^{200}	23,13	1587.1473	360.71529	359.24	
121	Hg_{80}^{201}	13,22	1595.3955	362.58990	361.52	
122	Hg_{80}^{202}	29,86	1603.6438	364.46450	364.80	
	Tl_{81}^{203}	29,5	1599.7922	361.94393	363.00	
	Pb_{82}^{204}	1,40	1610.8258	362.79860	362.20	

N	Sa	abb. %	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
124	Hg ²⁰⁴ ₈₀	6,85	1620.1404	368.21372	366.75	
	Tl ²⁰⁵ ₈₁	70.5	1616.1769	365.65089	365.95	
	Pb ²⁰⁶ ₈₂	24,1	1627.2385	366.49516	365.15	
125	Pb ²⁰⁷ ₈₂	22,1	1635.4495	368.34448	368.63	
	Po ²⁰⁹ ₈₄		1637.5828	365.53187	367.03	
	At ²¹⁰ ₈₅		1640.4937	364.55416	366.23	
126	Pb ²⁰⁸ ₈₂	52,4	1643.6605	370.19381	369.31	
	Bi ²⁰⁹ ₈₃		1640.2280	367.76413	368.51	
136	Rn ²²² ₈₆		1708.1564	377.91071	378.71	0.2115
	Fr ²²³ ₈₇		1713.4893	377.42055	377.91	0.1297
138	Ra ²²⁶ ₈₈		1731.6114	379.73934	380.58	0.2214
	Ac ²²⁷ ₈₉		1736.6648	379.18445	379.78	0.1570
140	Pa ²³¹ ₉₁		1759.8589	380.92184	382.06	0.2988
142	Th ²³² ₉₀		1766.6818	384.06127	382.86	0.3128
	U ²³⁴ ₉₂	0,006	1770.2310	381.51529	381.26	0.0669
143	U ²³⁵ ₉₂	0,72	1778.0973	383.21063	384.88	0.4356

N	Sa	abb. %	$E_{ZN}(Z;N)$	$E_{OS}(N)$ MeV	$E_{OT}(N)$ MeV	$\varepsilon\%$
144	Np ²³⁷ ₉₃		1795.2461	385.24595	385.82	0.1490
146	U ²³⁸ ₉₂	99,274	1801.7151	388.30066	387.70	0.1547
148	Am ²⁴³ ₉₅		1829.8136	389.32204	389.58	0.0662
150	Pu ²⁴⁴ ₉₄		1836.0590	392.32029	392.06	0.0663
	Bk ²⁴⁷ ₉₇		1852.2439	390.76875	389.66	0.2837
151	Cm ²⁴⁷ ₉₆		1853.0262	392.59029	391.50	0.2777
153	Cf ²⁵¹ ₉₈		1875.0839	393.92518	393.19	0.1866
	Es ²⁵² ₉₉		1879.2989	393.15878	392.39	0.1955
155	Bh ²⁶² ₁₀₇		1916.4938	?	394.07	
	Fm ²⁵⁷ ₁₀₀		1907.5089	397.39769	397.76	0.0912
	Md ²⁵⁸ ₁₀₁		1911.5377	396.58458	396.96	0.0946
157	No ²⁵⁹ ₁₀₂		1916.6843	396.00914	396.16	0.0381
	Lw ²⁶⁰ ₁₀₃		1919.8743	395.03594	395.36	0.0820
	Rt ²⁶¹ ₁₀₄		1923.9966	394.26160	394.56	0.0757

N	Sa	abb.%	$E_{ZN}(Z;N)$	$E_{oS}(N)$ MeV	$E_{oT}(N)$ MeV	$\varepsilon\%$
157	Db ²⁶² ₁₀₅		1926.5350	393.17041	393.76	0.1499
	Sg ²⁶³ ₁₀₆		1929.7254	392.22061	392.96	0.1885
	Hs ²⁶⁵ ₁₀₈		1932.9154	?	391.36	
	Mt ²⁶⁶ ₁₀₉		1936.1054	?	390.56	
	Ds ²⁶⁷ ₁₁₀		1939.2954	?	389.76	
	Bh ²⁶⁴ ₁₀₇		?	?	392.16	
161	Rg ²⁷² ₁₁₁		.....	?	397.92	
171	Uut ²⁸⁴ ₁₁₃		.....	?	404.34	
173	Uub ²⁸⁵ ₁₁₂		.....	?	405.63	
175	Uuq ²⁸⁹ ₁₁₄		.....	?	406.91	
176	?? ²⁹² ₁₁₆		.....	?	407.55	
177	?? ²⁹¹ ₁₁₅		.....	?	408.19	