

Table 6

Proton and neutron separation of Θ^+ -hypernuclei on and just beyond the driplines using net charge in Coulomb term but Proton number in asymmetry term of BWMH

Z_c, N	One beyond p -drip				One beyond n -drip			
	S_p MeV	S_n MeV	Z_c, N	S_n MeV	S_p MeV	S_n MeV	Z_c, N	S_n MeV
Not found								
3, 1	.515E+00	.291E+02	3, 0	-.361E+01	.512E+02	.193E+01	2, 7	.316E+02
4, 2	.317E+01	.245E+02	4, 1	-.106E+01	.325E+02	.192E+01	3, 9	.276E+02
5, 3	.182E+01	.197E+02	5, 2	-.160E+01	.279E+02	.190E+01	4, 11	.292E+02
6, 3	.126E+01	.228E+02	6, 2	-.184E+01	.310E+02	.178E+01	5, 13	.262E+02
7, 5	.236E+01	.171E+02	7, 4	-.269E+00	.230E+02	.560E-02	6, 17	.315E+02
8, 5	.244E+01	.195E+02	8, 4	-.515E-01	.256E+02	.157E-01	7, 19	.285E+02
9, 6	.347E+00	.211E+02	9, 5	-.192E+01	.218E+02	.380E-01	8, 21	.309E+02
10, 6	.943E+00	.233E+02	10, 5	-.123E+01	.240E+02	.552E-01	9, 23	.279E+02
11, 8	.613E+00	.201E+02	11, 7	-.132E+01	.200E+02	.863E-01	10, 25	.305E+02
12, 8	.150E+01	.220E+02	12, 7	-.373E+00	.218E+02	.123E+00	11, 27	.275E+02
13, 10	.695E+00	.195E+02	13, 9	-.100E+01	.188E+02	.169E+00	12, 29	.301E+02
14, 9	.155E+00	.205E+02	14, 8	-.151E+01	.255E+02	.224E+00	13, 31	.271E+02
15, 12	.670E+00	.191E+02	15, 11	-.845E+00	.181E+02	.281E+00	14, 33	.297E+02
16, 11	.473E+00	.196E+02	16, 10	-.102E+01	.243E+02	.348E+00	15, 35	.267E+02
17, 14	.577E+00	.188E+02	17, 13	-.794E+00	.175E+02	.483E+00	16, 37	.292E+02
18, 13	.651E+00	.189E+02	18, 12	-.708E+00	.234E+02	.411E+00	17, 39	.263E+02
19, 16	.441E+00	.185E+02	19, 15	-.812E+00	.171E+02	.149E-01	18, 41	.288E+02
20, 15	.731E+00	.184E+02	20, 14	-.514E+00	.227E+02	.105E+00	19, 45	.272E+02
21, 18	.273E+00	.183E+02	21, 17	-.880E+00	.168E+02	.201E+00	20, 47	.295E+02
22, 17	.737E+00	.180E+02	22, 16	-.411E+00	.221E+02	.283E+00	21, 49	.267E+02
23, 20	.829E-01	.182E+02	23, 19	-.985E+00	.166E+02	.371E+00	22, 51	.289E+02
24, 19	.688E+00	.176E+02	24, 18	-.376E+00	.217E+02	.445E+00	23, 53	.261E+02
25, 23	.859E+00	.143E+02	25, 22	-.124E+00	.181E+02	.858E-01	24, 55	.284E+02
26, 21	.596E+00	.173E+02	26, 20	-.395E+00	.213E+02	.166E+00	25, 59	.266E+02
27, 25	.576E+00	.143E+02	27, 24	-.345E+00	.179E+02	.252E+00	26, 61	.288E+02
28, 23	.469E+00	.171E+02	28, 22	-.457E+00	.209E+02	.324E+00	27, 63	.261E+02
29, 27	.290E+00	.143E+02	29, 26	-.576E+00	.178E+02	.355E-01	28, 65	.281E+02
30, 25	.315E+00	.169E+02	30, 24	-.554E+00	.206E+02	.110E+00	29, 69	.264E+02
31, 29	.977E-03	.143E+02	31, 28	-.816E+00	.178E+02	.188E+00	30, 71	.284E+02
							31, 73	.258E+02

Table 6 (continued)

32, 27	.137E+00	.168E+02	32, 26	- .681E+00	.204E+02	32, 74	.274E+02	255E+00	32, 75	.278E+02	- .216E+01
33, 32	.463E+00	.162E+02	33, 31	- .290E+00	.143E+02	33, 78	.256E+02	.124E-01	33, 79	.260E+02	- .235E+01
34, 30	.695E+00	.184E+02	34, 29	- .585E-01	.166E+02	34, 80	.275E+02	.796E-01	34, 81	.279E+02	- .225E+01
35, 34	.131E+00	.162E+02	35, 33	- .583E+00	.143E+02	35, 82	.251E+02	.152E+00	35, 83	.254E+02	- .216E+01
36, 32	.443E+00	.183E+02	36, 31	- .270E+00	.165E+02	36, 84	.270E+02	.213E+00	36, 85	.273E+02	- .207E+01
37, 37	.481E+00	.130E+02	37, 36	- .198E+00	.162E+02	37, 88	.252E+02	.287E-02	37, 89	.256E+02	- .223E+01
38, 34	.183E+00	.182E+02	38, 33	- .494E+00	.164E+02	38, 90	.271E+02	.643E-01	38, 91	.274E+02	- .215E+01
39, 39	.122E+00	.131E+02	39, 38	- .525E+00	.162E+02	39, 92	.247E+02	.130E+00	39, 93	.250E+02	- .206E+01
40, 37	.560E+00	.150E+02	40, 36	- .853E-01	.182E+02	40, 94	.265E+02	.187E+00	40, 95	.268E+02	- .198E+01
41, 42	.371E+00	.151E+02	41, 41	- .231E+00	.132E+02	41, 98	.248E+02	.146E-02	41, 99	.251E+02	- .212E+01
42, 39	.257E+00	.150E+02	42, 38	- .359E+00	.181E+02	42, 100	.265E+02	.582E-01	42, 101	.268E+02	- .205E+01
43, 45	.576E+00	.122E+02	43, 44	- .281E-02	.151E+02	43, 102	.243E+02	.119E+00	43, 103	.246E+02	- .196E+01
44, 42	.525E+00	.168E+02	44, 41	- .486E-01	.150E+02	44, 104	.260E+02	.172E+00	44, 105	.263E+02	- .189E+01
45, 47	.185E+00	.123E+02	45, 46	- .370E+00	.152E+02	45, 108	.244E+02	.598E-02	45, 109	.246E+02	- .202E+01
46, 44	.194E+00	.168E+02	46, 43	- .356E+00	.150E+02	46, 110	.260E+02	.588E-01	46, 111	.263E+02	- .195E+01
47, 50	.321E+00	.143E+02	47, 49	- .198E+00	.125E+02	47, 112	.239E+02	.116E+00	47, 113	.241E+02	- .188E+01
48, 47	.394E+00	.139E+02	48, 46	- .137E+00	.168E+02	48, 114	.255E+02	.165E+00	48, 115	.257E+02	- .181E+01
49, 53	.429E+00	.117E+02	49, 52	- .742E-01	.144E+02	49, 118	.239E+02	.153E-01	49, 119	.241E+02	- .193E+01
50, 49	.449E-01	.140E+02	50, 48	- .466E+00	.168E+02	50, 120	.255E+02	.648E-01	50, 121	.257E+02	- .186E+01
51, 55	.239E-01	.118E+02	51, 54	- .462E+00	.145E+02	51, 122	.234E+02	.118E+00	51, 123	.237E+02	- .179E+01
52, 52	.177E+00	.159E+02	52, 51	- .301E+00	.141E+02	52, 124	.250E+02	.165E+00	52, 125	.252E+02	- .173E+01
53, 58	.836E-01	.138E+02	53, 57	- .373E+00	.120E+02	53, 128	.234E+02	.281E-01	53, 129	.237E+02	- .184E+01
54, 55	.282E+00	.132E+02	54, 54	- .183E+00	.159E+02	54, 130	.249E+02	.748E-01	54, 131	.252E+02	- .177E+01
55, 61	.125E+00	.113E+02	55, 60	- .320E+00	.139E+02	55, 132	.229E+02	.125E+00	55, 133	.232E+02	- .171E+01
56, 58	.349E+00	.151E+02	56, 57	- .895E-01	.133E+02	56, 134	.244E+02	.169E+00	56, 135	.247E+02	- .165E+01
57, 64	.135E+00	.133E+02	57, 63	- .285E+00	.115E+02	57, 138	.229E+02	.437E-01	57, 139	.232E+02	- .175E+01
58, 61	.395E+00	.126E+02	58, 60	- .327E-01	.152E+02	58, 140	.244E+02	.881E-01	58, 141	.246E+02	- .169E+01
59, 67	.132E+00	.110E+02	59, 66	- .279E+00	.134E+02	59, 142	.225E+02	.136E+00	59, 143	.227E+02	- .163E+01
60, 63	.659E-02	.127E+02	60, 62	- .408E+00	.152E+02	60, 146	.243E+02	.148E-01	60, 147	.246E+02	- .173E+01
61, 70	.103E+00	.129E+02	61, 69	- .285E+00	.111E+02	61, 148	.225E+02	.618E-01	61, 149	.227E+02	- .167E+01
62, 66	.159E-01	.146E+02	62, 65	- .376E+00	.128E+02	62, 150	.239E+02	.104E+00	62, 151	.241E+02	- .162E+01
63, 73	.654E-01	.106E+02	63, 72	- .316E+00	.130E+02	63, 152	.220E+02	.149E+00	63, 153	.222E+02	- .156E+01
64, 69	.125E-01	.123E+02	64, 68	- .372E+00	.147E+02	64, 156	.238E+02	.369E-01	64, 157	.240E+02	- .165E+01
65, 76	.623E-02	.125E+02	65, 75	- .355E+00	.108E+02	65, 158	.220E+02	.815E-01	65, 159	.222E+02	- .159E+01
66, 73	.353E+00	.118E+02	66, 72	- .157E-01	.141E+02	66, 160	.234E+02	.122E+00	66, 161	.235E+02	- .154E+01

Table 6 (continued)

67, 80	.287E+00	.121E+02	67, 79	-.596E-01	.104E+02	67,164	.219E+02	.201E-01	67,165	.221E+02	-.162E+01
68, 76	.297E+00	.136E+02	68, 75	-.530E-01	.119E+02	68,166	.233E+02	.602E-01	68,167	.235E+02	-.157E+01
69, 83	.198E+00	.100E+02	69, 82	-.143E+00	.122E+02	69,168	.215E+02	.103E+00	69,169	.217E+02	-.152E+01
70, 79	.233E+00	.114E+02	70, 78	-.111E+00	.137E+02	70,172	.232E+02	.391E-02	70,173	.234E+02	-.160E+01
71, 86	.938E-01	.118E+02	71, 85	-.231E+00	.102E+02	71,174	.214E+02	.460E-01	71,175	.216E+02	-.155E+01
72, 82	.152E+00	.132E+02	72, 81	-.175E+00	.116E+02	72,176	.227E+02	.845E-01	72,177	.229E+02	-.150E+01
73, 90	.299E+00	.115E+02	73, 89	-.139E-01	.983E+01	73,178	.210E+02	.125E+00	73,179	.212E+02	-.145E+01
74, 85	.659E-01	.111E+02	74, 84	-.257E+00	.133E+02	74,182	.227E+02	.322E-01	74,183	.228E+02	-.153E+01
75, 93	.175E+00	.953E+01	75, 92	-.135E+00	.116E+02	75,184	.209E+02	.725E-01	75,185	.211E+02	-.148E+01
76, 89	.276E+00	.108E+02	76, 88	-.356E-01	.129E+02	76,186	.222E+02	.109E+00	76,187	.224E+02	-.143E+01
77, 96	.376E-01	.113E+02	77, 95	-.258E+00	.969E+01	77,190	.209E+02	.240E-01	77,191	.210E+02	-.150E+01
78, 92	.157E+00	.125E+02	78, 91	-.141E+00	.109E+02	78,192	.221E+02	.607E-01	78,193	.223E+02	-.146E+01
79,100	.186E+00	.110E+02	79, 99	-.100E+00	.941E+01	79,194	.205E+02	.992E-01	79,195	.206E+02	-.141E+01
80, 95	.358E-01	.106E+02	80, 94	-.259E+00	.126E+02	80,198	.220E+02	.157E-01	80,199	.222E+02	-.148E+01
81,103	.347E-01	.916E+01	81,102	-.248E+00	.111E+02	81,200	.204E+02	.541E-01	81,201	.205E+02	-.143E+01
82, 99	.187E+00	.103E+02	82, 98	-.972E-01	.123E+02	82,202	.216E+02	.891E-01	82,203	.218E+02	-.139E+01
83,107	.148E+00	.892E+01	83,106	-.126E+00	.109E+02	83,206	.203E+02	.122E-01	83,207	.204E+02	-.145E+01