

Hypothetical role of large nuclear gravity in understanding the significance and applications of the strong coupling constant in the light of Up and Down quark clusters

U.V.S. Seshavatharam¹ and S. Lakshminarayana²

¹Honorary faculty, I-SERVE, Survey no-42, Hitech city, Hyderabad-84, Telangana, INDIA

²Dept. of Nuclear Physics, Andhra University, Visakhapatnam-03, AP, INDIA

Emails: seshavatharam.uvs@gmail.com (and) Insrirama@gmail.com

Orcid numbers : 0000-0002-1695-6037 (and) 0000-0002-8923-772X

Abstract: As there exist no repulsive forces in strong interaction, in a hypothetical approach, strong interaction can be assumed to be equivalent to a large gravitational coupling. Based on this concept, strong coupling constant can be defined as a ratio of the electromagnetic force and the gravitational force associated with proton, neutron, up quark and down quark. With respect to the product of strong coupling constant and fine structure ratio, we review our recently proposed two semi empirical relations and coefficients 0.00189 and 0.00642 connected with nuclear stability and binding energy. We wish to emphasize that- by classifying nucleons as ‘free nucleons’ and ‘active nucleons’, nuclear binding energy can be fitted with a new class of ‘three term’ formula having one unique energy coefficient. Based on the geometry and quantum nature, currently believed harmonic oscillator and spin orbit magic numbers can be considered as the lower and upper “mass limits” of quark clusters.

Note: In table-3, we present the estimated nuclear binding energy data for $Z=3$ to 120 and compare it with the two standard semi empirical mass formulae as a supplementary file.

Our estimation:

In Table 3, (Column - 4)
 $(A_s)_{mean} \cong A_m \cong A_{-mean} \cong 2Z + kZ^2$

(7)

In Table 3, (Column - 5)

For $Z=3$ to 118,

$$\begin{aligned}
 (BE)_{(z,A)} &\cong \left\{ A_a - A^{1/3} - \left(1 + \frac{(A_m - A)^2}{A_m} \right) \right\} B_0 \\
 &\cong \left\{ \left(1 - 0.001863\sqrt{ZN} \right) A - A^{1/3} - \left(1 + \frac{(A_m - A)^2}{A_m} \right) \right\} 10.1 \text{ MeV}
 \end{aligned}
 \tag{17}$$

$$\text{where } B_0 \cong \frac{G_s m_p (2m_u + m_d)}{R_0} + \frac{G_s m_n (m_u + 2m_d)}{R_0}$$

$$\cong \frac{3}{2} (m_u + m_d) c^2 \cong 10.245 \text{ MeV} \approx 10.1 \text{ MeV}$$

$$\text{and } R_0 \cong \frac{2G_s m_p}{c^2} \cong \frac{2G_s m_n}{c^2} \cong 1.24 \text{ fm.}$$

In Table 3, (Column - 6) – **SEMF – 1 BE**

(https://en.wikipedia.org/wiki/Semi-empirical_mass_formula)

$$BE \cong (a_v * A) - (a_s * A^{2/3}) - \left(a_c * \frac{Z * (Z-1)}{A^{1/3}} \right) - \left(a_a * \frac{(A-2Z)^2}{A} \right) \pm \left(\frac{a_p}{\sqrt{A}} \right) \quad (22)$$

where $\begin{cases} a_v \cong 15.8 \text{ MeV}; a_s \cong 18.3 \text{ MeV}; a_c \cong 0.714 \text{ MeV}; \\ a_a \cong 23.2 \text{ MeV}; a_p \cong 12.0 \text{ MeV}; \end{cases}$

In Table 3, (Column-7) – **SEMF – 2 BE**

(<http://oregonstate.edu/instruct/ch374/ch418518/lecture3-1.pdf>) (Slide-16)

$$BE \cong (a_v * x * A) - (a_s * x * A^{2/3}) - \left(a_c * \frac{Z^2}{A^{1/3}} \right) + \left(a_{pr} * \frac{Z^2}{A} \right) \pm \left(\frac{a_p}{\sqrt{A}} \right) \quad (23)$$

where $\begin{cases} x \cong \left[1 - 1.79 \left(\frac{N-Z}{A} \right)^2 \right] \\ a_v \cong 15.677 \text{ MeV}; a_s \cong 18.56 \text{ MeV}; a_c \cong 0.717 \text{ MeV}; \\ a_{pr} \cong 1.211 \text{ MeV}; a_p \cong 11.0 \text{ MeV}; \end{cases}$

Table 3: Estimated binding energy of isotopes of Z= 3 to 120

Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
3	6	3	6	31.8	27.1	26.6
3	7	4	6	39.1	38.1	38.5
3	8	5	6	43.2	35.2	39.7
3	9	6	6	43.9	37.8	46.8
3	10	7	6	41.3	30.2	45.0
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
4	8	4	8	49.9	53.2	51.8
4	9	5	8	57.8	56.3	56.1
4	10	6	8	63.2	63.6	65.7
4	11	7	8	66.1	60.5	66.5
4	12	8	8	66.5	62.5	72.6
4	13	9	8	64.4	56.0	71.0
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
5	10	5	10	68.2	62.6	61.9
5	11	6	10	76.4	74.8	74.1
5	12	7	10	82.6	76.2	77.8
5	13	8	10	86.8	82.1	86.2

Supplementary file for Table-3

5	14	9	10	89.0	79.3	87.1
5	15	10	10	89.2	81.2	92.7
5	16	11	10	87.5	75.7	91.5
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
6	12	6	12	86.6	87.8	86.4
6	13	7	12	95.0	93.3	92.5
6	14	8	12	101.8	102.6	102.9
6	15	9	12	106.8	103.1	106.0
6	16	10	12	110.3	107.9	113.3
6	17	11	12	112.0	105.2	114.1
6	18	12	12	112.1	107.0	119.1
6	19	13	12	110.5	102.0	118.1
6	20	14	12	107.2	101.7	121.3
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
7	14	7	14	105.1	99.2	98.4
7	15	8	14	113.7	112.0	111.0
7	16	9	14	120.8	115.9	116.3
7	17	10	14	126.5	123.7	125.6
7	18	11	14	130.7	123.8	128.3
7	19	12	14	133.5	128.1	135.1
7	20	13	14	134.9	125.7	135.9
7	21	14	14	134.9	127.5	140.7
7	22	15	14	133.4	123.2	139.8
7	23	16	14	130.5	123.1	143.0
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
8	16	8	16	123.6	123.7	122.4
8	17	9	16	132.3	130.7	129.6
8	18	10	16	139.7	141.1	140.7
8	19	11	16	145.8	143.9	145.2
8	20	12	16	150.7	150.6	153.6
8	21	13	16	154.3	150.4	155.9
8	22	14	16	156.7	154.2	162.1
8	23	15	16	157.8	151.9	162.8
8	24	16	16	157.7	153.7	167.3
8	25	17	16	156.3	149.7	166.5
8	26	18	16	153.6	149.8	169.6
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
9	18	9	19	141.7	136.3	135.4
9	19	10	19	151.5	149.4	148.3
9	20	11	19	160.2	154.9	154.7
9	21	12	19	167.9	163.9	164.7
9	22	13	19	174.5	166.1	168.8
9	23	14	19	180.1	172.1	176.5
9	24	15	19	184.6	171.9	178.7
9	25	16	19	188.1	175.5	184.6
9	26	17	19	190.5	173.4	185.3
9	27	18	19	191.8	175.2	189.6
9	28	19	19	192.1	171.6	189.0
9	29	20	19	191.3	171.9	192.0
Z	A	N	Estimated	Estimated BE	SEMF-1 BE	SEMF-2 BE

Supplementary file for Table-3

			A_mean	(MeV)	(MeV)	(MeV)
10	20	10	21	160.2	160.2	158.9
10	21	11	21	170.0	168.1	167.0
10	22	12	21	178.8	179.3	178.5
10	23	13	21	186.6	183.7	184.1
10	24	14	21	193.5	191.6	193.2
10	25	15	21	199.4	193.4	196.9
10	26	16	21	204.4	198.7	204.0
10	27	17	21	208.4	198.4	206.0
10	28	18	21	211.4	201.7	211.5
10	29	19	21	213.5	199.7	212.1
10	30	20	21	214.6	201.5	216.2
10	31	21	21	214.7	198.2	215.7
10	32	22	21	213.9	198.6	218.5
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
11	22	11	23	178.8	173.3	172.5
11	23	12	23	188.5	186.8	185.6
11	24	13	23	197.3	193.4	192.8
11	25	14	23	205.3	203.3	203.4
11	26	15	23	212.3	207.1	208.5
11	27	16	23	218.5	214.2	217.0
11	28	17	23	223.8	215.7	220.4
11	29	18	23	228.3	220.7	227.1
11	30	19	23	231.8	220.4	229.0
11	31	20	23	234.5	223.6	234.3
11	32	21	23	236.3	221.8	234.9
11	33	22	23	237.2	223.6	238.9
11	34	23	23	237.3	220.6	238.5
11	35	24	23	236.4	221.2	241.3
11	36	25	23	234.7	217.2	240.0
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
12	24	12	25	197.3	196.7	195.5
12	25	13	25	207.0	205.4	204.2
12	26	14	25	215.8	217.2	216.1
12	27	15	25	223.9	222.8	222.6
12	28	16	25	231.1	231.6	232.3
12	29	17	25	237.5	234.8	237.0
12	30	18	25	243.1	241.3	244.9
12	31	19	25	247.9	242.5	248.0
12	32	20	25	251.9	247.2	254.3
12	33	21	25	255.1	246.8	256.0
12	34	22	25	257.5	249.9	261.0
12	35	23	25	259.0	248.2	261.6
12	36	24	25	259.8	249.9	265.4
12	37	25	25	259.7	247.2	265.1
12	38	26	25	258.8	247.8	267.8
12	39	27	25	257.2	244.1	266.6
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
13	26	13	27	215.8	210.2	209.5
13	27	14	27	225.4	223.9	222.8
13	28	15	27	234.3	231.4	230.7

Supplementary file for Table-3

13	29	16	27	242.4	242.0	241.7
13	30	17	27	249.8	246.9	247.7
13	31	18	27	256.4	255.0	256.8
13	32	19	27	262.2	257.8	261.1
13	33	20	27	267.3	264.0	268.5
13	34	21	27	271.7	265.0	271.4
13	35	22	27	275.3	269.5	277.5
13	36	23	27	278.1	269.1	279.2
13	37	24	27	280.2	272.1	284.0
13	38	25	27	281.6	270.6	284.6
13	39	26	27	282.2	272.4	288.3
13	40	27	27	282.0	269.8	288.0
13	41	28	27	281.1	270.6	290.8
13	42	29	27	279.5	267.2	289.7
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
14	28	14	29	234.3	233.1	232.1
14	29	15	29	243.9	242.4	241.3
14	30	16	29	252.7	254.6	253.5
14	31	17	29	260.9	261.1	260.7
14	32	18	29	268.3	270.7	270.9
14	33	19	29	275.1	275.0	276.4
14	34	20	29	281.2	282.5	284.9
14	35	21	29	286.5	285.0	288.9
14	36	22	29	291.2	290.7	295.9
14	37	23	29	295.2	291.6	298.6
14	38	24	29	298.4	295.8	304.3
14	39	25	29	301.0	295.4	305.9
14	40	26	29	302.9	298.3	310.5
14	41	27	29	304.0	296.9	311.2
14	42	28	29	304.5	298.7	314.7
14	43	29	29	304.3	296.3	314.5
14	44	30	29	303.3	297.1	317.2
14	45	31	29	301.7	293.9	316.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
15	30	15	31	252.7	246.9	246.3
15	31	16	31	262.2	260.7	259.7
15	32	17	31	271.1	268.9	268.1
15	33	18	31	279.3	280.1	279.5
15	34	19	31	286.8	285.9	286.2
15	35	20	31	293.7	294.8	295.8
15	36	21	31	300.0	298.7	300.9
15	37	22	31	305.6	305.7	309.0
15	38	23	31	310.5	307.9	312.7
15	39	24	31	314.8	313.3	319.4
15	40	25	31	318.4	314.2	322.0
15	41	26	31	321.4	318.3	327.6
15	42	27	31	323.7	318.0	329.1
15	43	28	31	325.3	320.8	333.6
15	44	29	31	326.3	319.5	334.2
15	45	30	31	326.7	321.3	337.7
15	46	31	31	326.3	319.1	337.6
15	47	32	31	325.4	320.1	340.3

Supplementary file for Table-3

15	48	33	31	323.7	317.1	339.3
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
16	32	16	34	270.2	269.3	268.4
16	33	17	34	280.3	279.0	278.0
16	34	18	34	289.7	291.6	290.5
16	35	19	34	298.6	298.8	298.2
16	36	20	34	306.8	309.1	308.9
16	37	21	34	314.5	314.3	315.0
16	38	22	34	321.6	322.6	324.1
16	39	23	34	328.0	326.1	328.8
16	40	24	34	333.9	332.6	336.5
16	41	25	34	339.2	334.7	340.0
16	42	26	34	343.9	339.8	346.4
16	43	27	34	347.9	340.6	348.8
16	44	28	34	351.4	344.5	354.1
16	45	29	34	354.3	344.2	355.6
16	46	30	34	356.6	347.0	359.9
16	47	31	34	358.3	345.7	360.6
16	48	32	34	359.3	347.5	364.0
16	49	33	34	359.8	345.5	363.9
16	50	34	34	359.7	346.5	366.5
16	51	35	34	359.0	343.7	365.6
16	52	36	34	357.7	343.9	367.6
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
17	34	17	36	288.6	283.1	282.7
17	35	18	36	298.6	297.2	296.2
17	36	19	36	308.0	305.9	305.2
17	37	20	36	316.8	317.5	316.8
17	38	21	36	325.1	324.1	324.1
17	39	22	36	332.8	333.6	334.1
17	40	23	36	340.0	338.4	339.9
17	41	24	36	346.6	346.2	348.5
17	42	25	36	352.6	349.4	353.0
17	43	26	36	358.1	355.7	360.3
17	44	27	36	363.0	357.6	363.7
17	45	28	36	367.3	362.5	369.8
17	46	29	36	371.0	363.3	372.2
17	47	30	36	374.2	367.0	377.3
17	48	31	36	376.9	366.8	378.8
17	49	32	36	378.9	369.6	383.0
17	50	33	36	380.4	368.4	383.6
17	51	34	36	381.3	370.3	387.0
17	52	35	36	381.7	368.4	386.9
17	53	36	36	381.5	369.5	389.5
17	54	37	36	380.7	366.9	388.8
17	55	38	36	379.4	367.2	390.7
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
18	36	18	38	306.9	305.1	304.4
18	37	19	38	316.8	315.2	314.4
18	38	20	38	326.2	328.1	327.0
18	39	21	38	335.0	336.0	335.3

Supplementary file for Table-3

18	40	22	38	343.3	346.7	346.3
18	41	23	38	351.1	352.7	353.0
18	42	24	38	358.3	361.6	362.5
18	43	25	38	365.0	366.0	368.0
18	44	26	38	371.2	373.3	376.1
18	45	27	38	376.8	376.3	380.4
18	46	28	38	381.9	382.2	387.3
18	47	29	38	386.4	384.0	390.5
18	48	30	38	390.4	388.7	396.4
18	49	31	38	393.9	389.4	398.7
18	50	32	38	396.8	393.1	403.6
18	51	33	38	399.2	392.9	405.1
18	52	34	38	401.1	395.6	409.1
18	53	35	38	402.4	394.5	409.8
18	54	36	38	403.2	396.4	413.1
18	55	37	38	403.5	394.6	413.0
18	56	38	38	403.2	395.7	415.6
18	57	39	38	402.4	393.3	414.9
18	58	40	38	401.0	393.7	416.8
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
19	38	19	40	325.1	319.0	318.7
19	39	20	40	335.0	333.1	332.4
19	40	21	40	344.3	342.3	341.7
19	41	22	40	353.1	354.3	353.6
19	42	23	40	361.5	361.5	361.4
19	43	24	40	369.3	371.6	371.8
19	44	25	40	376.6	377.2	378.2
19	45	26	40	383.3	385.6	387.2
19	46	27	40	389.6	389.7	392.4
19	47	28	40	395.4	396.6	400.2
19	48	29	40	400.6	399.4	404.2
19	49	30	40	405.4	405.1	411.0
19	50	31	40	409.6	406.8	414.0
19	51	32	40	413.3	411.4	419.8
19	52	33	40	416.5	412.1	421.9
19	53	34	40	419.2	415.7	426.8
19	54	35	40	421.4	415.5	428.2
19	55	36	40	423.1	418.2	432.2
19	56	37	40	424.3	417.3	432.8
19	57	38	40	424.9	419.2	436.1
19	58	39	40	425.1	417.5	436.1
19	59	40	40	424.7	418.7	438.6
19	60	41	40	423.8	416.5	438.0
19	61	42	40	422.5	417.0	439.9
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
20	40	20	43	342.2	340.5	340.0
20	41	21	43	352.4	351.0	350.3
20	42	22	43	362.2	364.1	363.1
20	43	23	43	371.5	372.5	371.8
20	44	24	43	380.3	383.6	383.1
20	45	25	43	388.6	390.3	390.4
20	46	26	43	396.5	399.8	400.3

Supplementary file for Table-3

20	47	27	43	403.8	404.9	406.3
20	48	28	43	410.7	412.8	414.9
20	49	29	43	417.2	416.7	419.8
20	50	30	43	423.1	423.3	427.3
20	51	31	43	428.6	425.9	431.1
20	52	32	43	433.6	431.4	437.6
20	53	33	43	438.2	433.0	440.5
20	54	34	43	442.2	437.4	446.0
20	55	35	43	445.8	438.1	448.1
20	56	36	43	448.9	441.6	452.8
20	57	37	43	451.5	441.4	454.2
20	58	38	43	453.7	444.1	458.1
20	59	39	43	455.3	443.2	458.7
20	60	40	43	456.5	445.1	461.9
20	61	41	43	457.3	443.6	461.9
20	62	42	43	457.5	444.8	464.4
20	63	43	43	457.3	442.7	463.9
20	64	44	43	456.6	443.3	465.8
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
21	42	21	45	360.4	354.4	354.2
21	43	22	45	370.5	368.7	368.0
21	44	23	45	380.2	378.3	377.7
21	45	24	45	389.5	390.5	389.9
21	46	25	45	398.3	398.3	398.1
21	47	26	45	406.6	408.8	408.8
21	48	27	45	414.5	415.1	415.7
21	49	28	45	421.9	424.0	425.2
21	50	29	45	428.9	428.8	430.9
21	51	30	45	435.4	436.4	439.1
21	52	31	45	441.4	440.0	443.8
21	53	32	45	447.0	446.4	451.0
21	54	33	45	452.2	448.9	454.7
21	55	34	45	456.9	454.2	461.0
21	56	35	45	461.1	455.8	463.8
21	57	36	45	464.9	460.1	469.2
21	58	37	45	468.3	460.8	471.3
21	59	38	45	471.1	464.2	475.8
21	60	39	45	473.6	464.1	477.2
21	61	40	45	475.5	466.7	481.0
21	62	41	45	477.0	466.0	481.7
21	63	42	45	478.1	467.9	484.8
21	64	43	45	478.7	466.5	484.9
21	65	44	45	478.8	467.8	487.4
21	66	45	45	478.5	465.8	486.9
21	67	46	45	477.8	466.5	488.8
21	68	47	45	476.5	464.0	487.8
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
22	44	22	47	378.5	375.5	375.1
22	45	23	47	388.6	386.2	385.7
22	46	24	47	398.2	399.5	398.7
22	47	25	47	407.4	408.4	407.8
22	48	26	47	416.2	419.9	419.4

Supplementary file for Table-3

22	49	27	47	424.5	427.2	427.1
22	50	28	47	432.4	437.1	437.3
22	51	29	47	439.9	442.9	443.8
22	52	30	47	446.9	451.4	452.9
22	53	31	47	453.5	455.9	458.3
22	54	32	47	459.6	463.2	466.2
22	55	33	47	465.4	466.6	470.7
22	56	34	47	470.6	472.7	477.6
22	57	35	47	475.5	475.1	481.2
22	58	36	47	479.9	480.2	487.2
22	59	37	47	483.9	481.6	490.0
22	60	38	47	487.4	485.8	495.2
22	61	39	47	490.5	486.5	497.2
22	62	40	47	493.2	489.9	501.6
22	63	41	47	495.4	489.8	502.9
22	64	42	47	497.2	492.4	506.7
22	65	43	47	498.5	491.7	507.3
22	66	44	47	499.5	493.7	510.4
22	67	45	47	500.0	492.3	510.5
22	68	46	47	500.0	493.6	513.0
22	69	47	47	499.6	491.8	512.6
22	70	48	47	498.8	492.5	514.5
22	71	49	47	497.5	490.2	513.5
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
23	46	23	49	396.5	389.3	389.3
23	47	24	49	406.5	403.7	403.2
23	48	25	49	416.1	413.6	413.2
23	49	26	49	425.3	426.2	425.6
23	50	27	49	434.0	434.4	434.2
23	51	28	49	442.4	445.3	445.2
23	52	29	49	450.3	452.1	452.5
23	53	30	49	457.8	461.6	462.4
23	54	31	49	464.8	467.0	468.6
23	55	32	49	471.5	475.2	477.3
23	56	33	49	477.7	479.5	482.5
23	57	34	49	483.5	486.4	490.1
23	58	35	49	488.9	489.7	494.4
23	59	36	49	493.9	495.6	501.2
23	60	37	49	498.5	497.9	504.6
23	61	38	49	502.6	502.9	510.5
23	62	39	49	506.4	504.3	513.1
23	63	40	49	509.7	508.4	518.2
23	64	41	49	512.5	509.1	520.2
23	65	42	49	515.0	512.5	524.5
23	66	43	49	517.1	512.5	525.8
23	67	44	49	518.7	515.1	529.5
23	68	45	49	519.9	514.4	530.2
23	69	46	49	520.7	516.4	533.3
23	70	47	49	521.1	515.2	533.4
23	71	48	49	521.0	516.5	535.9
23	72	49	49	520.6	514.8	535.5
23	73	50	49	519.7	515.6	537.4
23	74	51	49	518.4	513.4	536.5

Supplementary file for Table-3

Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
24	48	24	52	413.2	410.0	409.8
24	49	25	52	423.5	421.0	420.6
24	50	26	52	433.4	434.5	433.8
24	51	27	52	442.9	443.8	443.2
24	52	28	52	452.0	455.6	455.0
24	53	29	52	460.8	463.3	463.2
24	54	30	52	469.1	473.6	473.7
24	55	31	52	477.0	480.0	480.7
24	56	32	52	484.6	489.0	490.1
24	57	33	52	491.7	494.2	496.0
24	58	34	52	498.4	502.0	504.4
24	59	35	52	504.8	506.0	509.3
24	60	36	52	510.7	512.7	516.7
24	61	37	52	516.3	515.8	520.9
24	62	38	52	521.5	521.5	527.4
24	63	39	52	526.2	523.8	530.7
24	64	40	52	530.6	528.6	536.4
24	65	41	52	534.6	530.0	538.9
24	66	42	52	538.2	534.0	543.9
24	67	43	52	541.4	534.7	545.8
24	68	44	52	544.2	537.9	550.0
24	69	45	52	546.6	538.0	551.3
24	70	46	52	548.6	540.6	554.9
24	71	47	52	550.2	540.0	555.6
24	72	48	52	551.4	542.0	558.6
24	73	49	52	552.2	540.8	558.8
24	74	50	52	552.7	542.2	561.2
24	75	51	52	552.7	540.6	560.9
24	76	52	52	552.3	541.5	562.8
24	77	53	52	551.6	539.4	562.0
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
25	50	25	54	431.2	423.6	423.9
25	51	26	54	441.4	438.2	437.9
25	52	27	54	451.2	448.4	448.1
25	53	28	54	460.7	461.2	460.7
25	54	29	54	469.8	469.9	469.6
25	55	30	54	478.5	481.1	481.0
25	56	31	54	486.8	488.4	488.7
25	57	32	54	494.7	498.3	498.8
25	58	33	54	502.3	504.4	505.5
25	59	34	54	509.4	513.0	514.6
25	60	35	54	516.2	517.9	520.3
25	61	36	54	522.6	525.4	528.3
25	62	37	54	528.7	529.3	533.1
25	63	38	54	534.3	535.8	540.3
25	64	39	54	539.6	538.8	544.3
25	65	40	54	544.5	544.3	550.6
25	66	41	54	549.0	546.5	553.8
25	67	42	54	553.1	551.2	559.4
25	68	43	54	556.9	552.6	561.9
25	69	44	54	560.2	556.5	566.8

Supplementary file for Table-3

25	70	45	54	563.2	557.2	568.6
25	71	46	54	565.8	560.5	572.8
25	72	47	54	568.0	560.5	574.1
25	73	48	54	569.9	563.1	577.6
25	74	49	54	571.3	562.6	578.3
25	75	50	54	572.4	564.6	581.3
25	76	51	54	573.1	563.6	581.5
25	77	52	54	573.5	565.0	584.0
25	78	53	54	573.4	563.5	583.7
25	79	54	54	572.9	564.5	585.6
25	80	55	54	572.1	562.5	584.8
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
26	52	26	56	449.1	444.0	444.0
26	53	27	56	459.2	455.2	455.1
26	54	28	56	469.0	468.9	468.4
26	55	29	56	478.4	478.5	478.1
26	56	30	56	487.4	490.6	490.1
26	57	31	56	496.1	498.8	498.6
26	58	32	56	504.4	509.5	509.4
26	59	33	56	512.3	516.4	516.8
26	60	34	56	519.9	525.8	526.5
26	61	35	56	527.1	531.5	532.9
26	62	36	56	533.9	539.8	541.7
26	63	37	56	540.4	544.5	547.1
26	64	38	56	546.5	551.7	554.9
26	65	39	56	552.2	555.4	559.5
26	66	40	56	557.6	561.7	566.5
26	67	41	56	562.6	564.5	570.3
26	68	42	56	567.2	569.9	576.5
26	69	43	56	571.5	572.0	579.6
26	70	44	56	575.4	576.6	585.0
26	71	45	56	578.9	578.0	587.4
26	72	46	56	582.1	581.9	592.2
26	73	47	56	584.8	582.6	594.0
26	74	48	56	587.3	585.8	598.1
26	75	49	56	589.3	585.9	599.3
26	76	50	56	591.0	588.4	602.8
26	77	51	56	592.3	588.0	603.5
26	78	52	56	593.3	590.0	606.5
26	79	53	56	593.9	589.0	606.7
26	80	54	56	594.1	590.5	609.1
26	81	55	56	593.9	589.1	608.8
26	82	56	56	593.4	590.1	610.8
26	83	57	56	592.5	588.2	610.1
26	84	58	56	591.3	588.7	611.5
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
27	54	27	59	465.4	457.5	458.0
27	55	28	59	475.8	472.1	472.1
27	56	29	59	485.8	482.7	482.5
27	57	30	59	495.5	495.7	495.3
27	58	31	59	504.9	504.7	504.5
27	59	32	59	513.8	516.3	516.1

Supplementary file for Table-3

27	60	33	59	522.5	524.0	524.2
27	61	34	59	530.8	534.3	534.6
27	62	35	59	538.7	540.8	541.7
27	63	36	59	546.3	549.9	551.1
27	64	37	59	553.6	555.3	557.2
27	65	38	59	560.5	563.3	565.7
27	66	39	59	567.0	567.8	571.0
27	67	40	59	573.2	574.8	578.5
27	68	41	59	579.0	578.4	583.0
27	69	42	59	584.5	584.5	589.7
27	70	43	59	589.7	587.3	593.5
27	71	44	59	594.5	592.5	599.5
27	72	45	59	598.9	594.6	602.5
27	73	46	59	603.0	599.1	607.8
27	74	47	59	606.8	600.5	610.2
27	75	48	59	610.2	604.3	614.8
27	76	49	59	613.2	605.0	616.6
27	77	50	59	615.9	608.2	620.7
27	78	51	59	618.3	608.3	621.9
27	79	52	59	620.3	610.9	625.4
27	80	53	59	621.9	610.5	626.1
27	81	54	59	623.2	612.6	629.0
27	82	55	59	624.2	611.7	629.3
27	83	56	59	624.8	613.2	631.7
27	84	57	59	625.1	611.9	631.5
27	85	58	59	625.0	612.9	633.4
27	86	59	59	624.5	611.2	632.8
27	87	60	59	623.7	611.8	634.3
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
28	56	28	61	483.2	477.5	477.7
28	57	29	61	493.5	488.9	489.0
28	58	30	61	503.5	502.7	502.4
28	59	31	61	513.1	512.7	512.4
28	60	32	61	522.4	525.0	524.6
28	61	33	61	531.4	533.6	533.4
28	62	34	61	540.0	544.6	544.5
28	63	35	61	548.2	552.0	552.3
28	64	36	61	556.2	561.8	562.3
28	65	37	61	563.8	568.0	569.1
28	66	38	61	571.0	576.7	578.1
28	67	39	61	578.0	581.9	584.1
28	68	40	61	584.5	589.6	592.2
28	69	41	61	590.8	593.9	597.3
28	70	42	61	596.7	600.7	604.6
28	71	43	61	602.3	604.1	608.9
28	72	44	61	607.5	610.1	615.5
28	73	45	61	612.4	612.8	619.1
28	74	46	61	616.9	617.9	625.0
28	75	47	61	621.2	619.9	627.9
28	76	48	61	625.0	624.3	633.1
28	77	49	61	628.6	625.6	635.4
28	78	50	61	631.8	629.4	640.0
28	79	51	61	634.6	630.1	641.7

Supplementary file for Table-3

28	80	52	61	637.2	633.3	645.7
28	81	53	61	639.4	633.4	646.9
28	82	54	61	641.2	636.0	650.3
28	83	55	61	642.7	635.7	651.0
28	84	56	61	643.9	637.7	653.9
28	85	57	61	644.7	636.9	654.2
28	86	58	61	645.2	638.5	656.6
28	87	59	61	645.4	637.2	656.4
28	88	60	61	645.2	638.3	658.3
28	89	61	61	644.7	636.6	657.7
28	90	62	61	643.8	637.3	659.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
29	58	29	63	500.9	490.8	491.5
29	59	30	63	511.2	505.5	505.7
29	60	31	63	521.1	516.3	516.4
29	61	32	63	530.6	529.5	529.3
29	62	33	63	539.9	538.9	538.8
29	63	34	63	548.8	550.7	550.6
29	64	35	63	557.4	558.9	559.0
29	65	36	63	565.6	569.5	569.7
29	66	37	63	573.6	576.5	577.2
29	67	38	63	581.2	585.9	586.9
29	68	39	63	588.4	591.9	593.4
29	69	40	63	595.4	600.3	602.2
29	70	41	63	602.0	605.3	607.9
29	71	42	63	608.3	612.8	615.9
29	72	43	63	614.3	617.0	620.8
29	73	44	63	619.9	623.5	627.9
29	74	45	63	625.2	626.9	632.1
29	75	46	63	630.2	632.7	638.5
29	76	47	63	634.8	635.3	642.0
29	77	48	63	639.2	640.3	647.7
29	78	49	63	643.1	642.3	650.6
29	79	50	63	646.8	646.6	655.7
29	80	51	63	650.2	648.0	658.0
29	81	52	63	653.2	651.7	662.5
29	82	53	63	655.9	652.5	664.2
29	83	54	63	658.2	655.6	668.1
29	84	55	63	660.2	655.8	669.3
29	85	56	63	661.9	658.4	672.7
29	86	57	63	663.3	658.1	673.5
29	87	58	63	664.4	660.2	676.3
29	88	59	63	665.1	659.5	676.6
29	89	60	63	665.5	661.0	679.0
29	90	61	63	665.5	659.9	678.9
29	91	62	63	665.3	661.0	680.8
29	92	63	63	664.7	659.5	680.3
29	93	64	63	663.8	660.2	681.8
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
30	60	30	66	517.0	510.4	510.9
30	61	31	66	527.4	522.0	522.3
30	62	32	66	537.5	536.0	535.9

Supplementary file for Table-3

30	63	33	66	547.3	546.2	546.1
30	64	34	66	556.8	558.8	558.5
30	65	35	66	566.0	567.7	567.6
30	66	36	66	574.9	579.0	578.9
30	67	37	66	583.4	586.8	587.0
30	68	38	66	591.7	597.0	597.3
30	69	39	66	599.6	603.7	604.5
30	70	40	66	607.2	612.7	613.9
30	71	41	66	614.5	618.5	620.2
30	72	42	66	621.5	626.6	628.7
30	73	43	66	628.2	631.4	634.2
30	74	44	66	634.5	638.6	641.9
30	75	45	66	640.6	642.6	646.7
30	76	46	66	646.3	649.0	653.6
30	77	47	66	651.7	652.3	657.7
30	78	48	66	656.8	657.9	663.9
30	79	49	66	661.6	660.5	667.3
30	80	50	66	666.1	665.4	672.9
30	81	51	66	670.3	667.3	675.7
30	82	52	66	674.1	671.6	680.7
30	83	53	66	677.6	672.9	682.9
30	84	54	66	680.9	676.6	687.3
30	85	55	66	683.8	677.4	689.0
30	86	56	66	686.4	680.5	692.9
30	87	57	66	688.7	680.7	694.1
30	88	58	66	690.6	683.3	697.4
30	89	59	66	692.3	683.1	698.1
30	90	60	66	693.6	685.1	701.0
30	91	61	66	694.7	684.5	701.3
30	92	62	66	695.4	686.1	703.7
30	93	63	66	695.8	685.0	703.5
30	94	64	66	695.9	686.2	705.5
30	95	65	66	695.7	684.7	705.0
30	96	66	66	695.1	685.5	706.5
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
31	62	31	68	534.6	523.6	524.5
31	63	32	68	545.0	538.4	538.8
31	64	33	68	555.0	549.4	549.7
31	65	34	68	564.7	562.8	562.8
31	66	35	68	574.2	572.5	572.5
31	67	36	68	583.3	584.6	584.5
31	68	37	68	592.1	593.1	593.2
31	69	38	68	600.7	604.0	604.2
31	70	39	68	608.9	611.4	612.0
31	71	40	68	616.8	621.2	622.0
31	72	41	68	624.4	627.6	628.9
31	73	42	68	631.7	636.4	638.0
31	74	43	68	638.7	641.9	644.1
31	75	44	68	645.4	649.8	652.3
31	76	45	68	651.8	654.5	657.7
31	77	46	68	657.9	661.5	665.2
31	78	47	68	663.7	665.4	669.8
31	79	48	68	669.2	671.7	676.6

Supplementary file for Table-3

31	80	49	68	674.3	674.8	680.6
31	81	50	68	679.2	680.3	686.7
31	82	51	68	683.8	682.9	690.0
31	83	52	68	688.0	687.7	695.5
31	84	53	68	692.0	689.6	698.2
31	85	54	68	695.6	693.8	703.1
31	86	55	68	699.0	695.1	705.3
31	87	56	68	702.0	698.8	709.6
31	88	57	68	704.8	699.6	711.3
31	89	58	68	707.2	702.7	715.1
31	90	59	68	709.3	702.9	716.3
31	91	60	68	711.2	705.5	719.6
31	92	61	68	712.7	705.4	720.4
31	93	62	68	713.9	707.5	723.2
31	94	63	68	714.8	706.9	723.5
31	95	64	68	715.4	708.5	725.9
31	96	65	68	715.7	707.5	725.8
31	97	66	68	715.7	708.8	727.8
31	98	67	68	715.4	707.4	727.3
31	99	68	68	714.8	708.2	728.9
31	100	69	68	713.9	706.5	728.1
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
32	64	32	71	550.4	542.8	543.6
32	65	33	71	560.9	554.6	555.1
32	66	34	71	571.2	568.7	568.8
32	67	35	71	581.1	579.2	579.3
32	68	36	71	590.8	592.0	591.8
32	69	37	71	600.1	601.3	601.2
32	70	38	71	609.2	612.8	612.7
32	71	39	71	618.0	621.0	621.2
32	72	40	71	626.5	631.4	631.7
32	73	41	71	634.7	638.5	639.2
32	74	42	71	642.6	648.0	648.9
32	75	43	71	650.2	654.2	655.6
32	76	44	71	657.5	662.7	664.4
32	77	45	71	664.5	668.0	670.3
32	78	46	71	671.3	675.6	678.3
32	79	47	71	677.7	680.1	683.5
32	80	48	71	683.9	687.0	690.8
32	81	49	71	689.7	690.7	695.3
32	82	50	71	695.3	696.8	701.9
32	83	51	71	700.6	699.9	705.7
32	84	52	71	705.6	705.3	711.7
32	85	53	71	710.2	707.8	715.0
32	86	54	71	714.6	712.5	720.3
32	87	55	71	718.8	714.4	723.0
32	88	56	71	722.6	718.5	727.8
32	89	57	71	726.1	719.8	730.0
32	90	58	71	729.3	723.4	734.2
32	91	59	71	732.3	724.2	735.9
32	92	60	71	734.9	727.3	739.6
32	93	61	71	737.3	727.6	740.8
32	94	62	71	739.3	730.2	744.1

Supplementary file for Table-3

32	95	63	71	741.1	730.1	744.8
32	96	64	71	742.6	732.2	747.6
32	97	65	71	743.8	731.6	748.0
32	98	66	71	744.7	733.3	750.3
32	99	67	71	745.3	732.4	750.3
32	100	68	71	745.6	733.7	752.2
32	101	69	71	745.6	732.4	751.8
32	102	70	71	745.4	733.3	753.4
32	103	71	71	744.8	731.6	752.6
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
33	66	33	73	567.9	555.9	557.0
33	67	34	73	578.4	570.7	571.3
33	68	35	73	588.5	582.0	582.4
33	69	36	73	598.4	595.5	595.6
33	70	37	73	608.0	605.5	605.6
33	71	38	73	617.3	617.8	617.8
33	72	39	73	626.3	626.6	626.8
33	73	40	73	635.1	637.8	638.0
33	74	41	73	643.5	645.6	646.1
33	75	42	73	651.7	655.7	656.3
33	76	43	73	659.6	662.6	663.6
33	77	44	73	667.2	671.7	673.0
33	78	45	73	674.5	677.7	679.4
33	79	46	73	681.6	685.9	688.0
33	80	47	73	688.3	691.1	693.8
33	81	48	73	694.8	698.5	701.6
33	82	49	73	701.0	702.9	706.6
33	83	50	73	706.9	709.6	713.7
33	84	51	73	712.5	713.2	718.1
33	85	52	73	717.8	719.2	724.6
33	86	53	73	722.9	722.2	728.4
33	87	54	73	727.6	727.5	734.2
33	88	55	73	732.1	730.0	737.4
33	89	56	73	736.3	734.6	742.6
33	90	57	73	740.2	736.5	745.3
33	91	58	73	743.8	740.6	750.0
33	92	59	73	747.2	741.9	752.1
33	93	60	73	750.2	745.5	756.3
33	94	61	73	753.0	746.3	758.0
33	95	62	73	755.5	749.4	761.7
33	96	63	73	757.7	749.7	762.9
33	97	64	73	759.6	752.3	766.1
33	98	65	73	761.3	752.2	766.9
33	99	66	73	762.6	754.4	769.7
33	100	67	73	763.7	753.9	770.1
33	101	68	73	764.5	755.6	772.4
33	102	69	73	765.0	754.8	772.4
33	103	70	73	765.2	756.1	774.4
33	104	71	73	765.1	754.9	774.0
33	105	72	73	764.8	755.8	775.6
33	106	73	73	764.1	754.3	774.8
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)

Supplementary file for Table-3

34	68	34	75	585.4	574.7	575.7
34	69	35	75	595.7	586.7	587.4
34	70	36	75	605.8	600.9	601.2
34	71	37	75	615.6	611.6	611.8
34	72	38	75	625.2	624.6	624.6
34	73	39	75	634.4	634.1	634.2
34	74	40	75	643.4	645.9	645.9
34	75	41	75	652.1	654.4	654.6
34	76	42	75	660.5	665.2	665.4
34	77	43	75	668.7	672.7	673.3
34	78	44	75	676.6	682.4	683.2
34	79	45	75	684.2	689.0	690.2
34	80	46	75	691.5	697.9	699.3
34	81	47	75	698.5	703.7	705.6
34	82	48	75	705.3	711.7	713.9
34	83	49	75	711.8	716.7	719.5
34	84	50	75	718.0	723.9	727.1
34	85	51	75	723.9	728.1	732.0
34	86	52	75	729.6	734.7	738.9
34	87	53	75	735.0	738.2	743.2
34	88	54	75	740.1	744.1	749.5
34	89	55	75	744.9	747.0	753.2
34	90	56	75	749.4	752.2	758.9
34	91	57	75	753.7	754.6	762.0
34	92	58	75	757.7	759.2	767.2
34	93	59	75	761.4	761.0	769.8
34	94	60	75	764.9	765.1	774.4
34	95	61	75	768.0	766.4	776.5
34	96	62	75	770.9	769.9	780.6
34	97	63	75	773.5	770.8	782.3
34	98	64	75	775.9	773.8	785.9
34	99	65	75	777.9	774.2	787.1
34	100	66	75	779.7	776.8	790.3
34	101	67	75	781.2	776.7	791.1
34	102	68	75	782.5	778.9	793.8
34	103	69	75	783.4	778.5	794.2
34	104	70	75	784.1	780.2	796.6
34	105	71	75	784.5	779.4	796.6
34	106	72	75	784.6	780.8	798.6
34	107	73	75	784.4	779.6	798.2
34	108	74	75	784.0	780.6	799.8
34	109	75	75	783.3	779.1	799.1
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
35	70	35	78	600.9	587.6	588.9
35	71	36	78	611.4	602.5	603.3
35	72	37	78	621.7	613.9	614.6
35	73	38	78	631.7	627.6	627.9
35	74	39	78	641.4	637.9	638.2
35	75	40	78	650.8	650.3	650.5
35	76	41	78	660.0	659.5	659.8
35	77	42	78	669.0	670.9	671.1
35	78	43	78	677.6	679.1	679.5
35	79	44	78	686.0	689.5	690.0

Supplementary file for Table-3

35	80	45	78	694.1	696.7	697.6
35	81	46	78	702.0	706.2	707.2
35	82	47	78	709.6	712.6	714.1
35	83	48	78	716.9	721.2	722.9
35	84	49	78	724.0	726.8	729.0
35	85	50	78	730.7	734.6	737.2
35	86	51	78	737.3	739.4	742.6
35	87	52	78	743.5	746.5	750.0
35	88	53	78	749.5	750.6	754.8
35	89	54	78	755.2	757.0	761.6
35	90	55	78	760.7	760.5	765.8
35	91	56	78	765.9	766.2	771.9
35	92	57	78	770.8	769.1	775.5
35	93	58	78	775.5	774.3	781.2
35	94	59	78	779.9	776.6	784.2
35	95	60	78	784.0	781.2	789.3
35	96	61	78	787.8	783.0	791.9
35	97	62	78	791.4	787.0	796.4
35	98	63	78	794.8	788.3	798.5
35	99	64	78	797.8	791.8	802.6
35	100	65	78	800.6	792.7	804.2
35	101	66	78	803.1	795.7	807.8
35	102	67	78	805.4	796.2	809.0
35	103	68	78	807.4	798.7	812.2
35	104	69	78	809.1	798.8	813.0
35	105	70	78	810.6	800.9	815.7
35	106	71	78	811.8	800.6	816.1
35	107	72	78	812.7	802.3	818.5
35	108	73	78	813.3	801.6	818.5
35	109	74	78	813.7	803.0	820.5
35	110	75	78	813.9	801.9	820.2
35	111	76	78	813.7	803.0	821.8
35	112	77	78	813.3	801.6	821.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
36	72	36	80	618.2	606.0	607.3
36	73	37	80	628.7	618.2	619.1
36	74	38	80	638.9	632.5	633.0
36	75	39	80	648.8	643.4	643.9
36	76	40	80	658.4	656.6	656.7
36	77	41	80	667.8	666.4	666.6
36	78	42	80	677.0	678.4	678.5
36	79	43	80	685.9	687.2	687.5
36	80	44	80	694.5	698.2	698.5
36	81	45	80	702.8	706.1	706.6
36	82	46	80	710.9	716.2	716.8
36	83	47	80	718.8	723.1	724.1
36	84	48	80	726.3	732.3	733.5
36	85	49	80	733.7	738.5	740.1
36	86	50	80	740.7	746.9	748.7
36	87	51	80	747.5	752.3	754.6
36	88	52	80	754.1	759.9	762.6
36	89	53	80	760.3	764.6	767.8
36	90	54	80	766.3	771.5	775.1

Supplementary file for Table-3

36	91	55	80	772.1	775.5	779.7
36	92	56	80	777.6	781.8	786.4
36	93	57	80	782.8	785.2	790.5
36	94	58	80	787.8	790.8	796.5
36	95	59	80	792.5	793.6	800.1
36	96	60	80	797.0	798.7	805.6
36	97	61	80	801.2	801.0	808.6
36	98	62	80	805.1	805.5	813.5
36	99	63	80	808.8	807.3	816.1
36	100	64	80	812.2	811.2	820.5
36	101	65	80	815.4	812.6	822.6
36	102	66	80	818.3	816.0	826.6
36	103	67	80	820.9	816.9	828.2
36	104	68	80	823.3	819.9	831.8
36	105	69	80	825.4	820.4	833.0
36	106	70	80	827.2	823.0	836.1
36	107	71	80	828.8	823.0	836.9
36	108	72	80	830.2	825.2	839.6
36	109	73	80	831.2	824.9	840.1
36	110	74	80	832.1	826.7	842.4
36	111	75	80	832.6	826.0	842.5
36	112	76	80	832.9	827.5	844.4
36	113	77	80	832.9	826.5	844.2
36	114	78	80	832.7	827.5	845.8
36	115	79	80	832.2	826.2	845.2
36	116	80	80	831.5	827.0	846.4
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
37	74	37	83	633.5	618.7	620.3
37	75	38	83	644.1	633.7	634.8
37	76	39	83	654.4	645.3	646.2
37	77	40	83	664.5	659.1	659.6
37	78	41	83	674.3	669.6	670.1
37	79	42	83	683.9	682.3	682.6
37	80	43	83	693.2	691.7	692.1
37	81	44	83	702.3	703.4	703.7
37	82	45	83	711.1	711.9	712.3
37	83	46	83	719.7	722.5	723.0
37	84	47	83	728.0	730.1	730.9
37	85	48	83	736.1	739.9	740.8
37	86	49	83	743.9	746.7	747.9
37	87	50	83	751.5	755.6	757.1
37	88	51	83	758.8	761.6	763.5
37	89	52	83	765.9	769.7	771.9
37	90	53	83	772.7	775.0	777.7
37	91	54	83	779.2	782.4	785.4
37	92	55	83	785.6	787.0	790.6
37	93	56	83	791.6	793.8	797.7
37	94	57	83	797.4	797.7	802.2
37	95	58	83	803.0	803.9	808.8
37	96	59	83	808.3	807.2	812.7
37	97	60	83	813.3	812.8	818.7
37	98	61	83	818.2	815.6	822.2
37	99	62	83	822.7	820.5	827.6

Supplementary file for Table-3

37	100	63	83	827.0	822.8	830.5
37	101	64	83	831.1	827.2	835.4
37	102	65	83	834.9	829.0	837.9
37	103	66	83	838.4	833.0	842.3
37	104	67	83	841.7	834.3	844.4
37	105	68	83	844.8	837.8	848.3
37	106	69	83	847.6	838.7	850.0
37	107	70	83	850.1	841.7	853.5
37	108	71	83	852.4	842.2	854.7
37	109	72	83	854.4	844.8	857.8
37	110	73	83	856.2	844.9	858.6
37	111	74	83	857.8	847.1	861.3
37	112	75	83	859.1	846.8	861.8
37	113	76	83	860.1	848.7	864.1
37	114	77	83	860.9	848.1	864.2
37	115	78	83	861.4	849.5	866.2
37	116	79	83	861.7	848.6	865.9
37	117	80	83	861.8	849.7	867.6
37	118	81	83	861.5	848.5	867.0
37	119	82	83	861.1	849.3	868.3
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
38	76	38	85	650.8	636.8	638.3
38	77	39	85	661.3	649.1	650.3
38	78	40	85	671.5	663.5	664.3
38	79	41	85	681.5	674.7	675.3
38	80	42	85	691.3	688.0	688.3
38	81	43	85	700.8	698.0	698.4
38	82	44	85	710.1	710.3	710.5
38	83	45	85	719.1	719.4	719.7
38	84	46	85	727.9	730.6	730.9
38	85	47	85	736.4	738.8	739.3
38	86	48	85	744.7	749.1	749.7
38	87	49	85	752.7	756.5	757.3
38	88	50	85	760.5	766.0	767.0
38	89	51	85	768.1	772.5	773.9
38	90	52	85	775.4	781.2	782.8
38	91	53	85	782.5	787.0	789.0
38	92	54	85	789.3	795.0	797.2
38	93	55	85	795.8	800.1	802.9
38	94	56	85	802.2	807.4	810.4
38	95	57	85	808.2	811.8	815.4
38	96	58	85	814.1	818.4	822.4
38	97	59	85	819.7	822.3	826.8
38	98	60	85	825.0	828.3	833.2
38	99	61	85	830.1	831.6	837.1
38	100	62	85	835.0	837.0	843.0
38	101	63	85	839.6	839.8	846.3
38	102	64	85	843.9	844.7	851.7
38	103	65	85	848.0	846.9	854.6
38	104	66	85	851.9	851.3	859.4
38	105	67	85	855.5	853.1	861.8
38	106	68	85	858.9	857.0	866.2
38	107	69	85	862.0	858.3	868.2

Supplementary file for Table-3

38	108	70	85	864.9	861.8	872.1
38	109	71	85	867.6	862.7	873.7
38	110	72	85	870.0	865.7	877.2
38	111	73	85	872.1	866.2	878.4
38	112	74	85	874.0	868.8	881.5
38	113	75	85	875.7	869.0	882.3
38	114	76	85	877.1	871.2	885.0
38	115	77	85	878.3	871.0	885.5
38	116	78	85	879.2	872.8	887.8
38	117	79	85	879.9	872.3	887.9
38	118	80	85	880.3	873.8	889.9
38	119	81	85	880.5	872.9	889.7
38	120	82	85	880.5	874.1	891.3
38	121	83	85	880.2	872.9	890.8
38	122	84	85	879.6	873.7	892.1
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
39	78	39	88	665.8	649.3	651.1
39	79	40	88	676.5	664.4	665.7
39	80	41	88	686.8	676.2	677.3
39	81	42	88	697.0	690.1	690.8
39	82	43	88	706.9	700.8	701.4
39	83	44	88	716.6	713.6	714.1
39	84	45	88	726.0	723.3	723.8
39	85	46	88	735.2	735.2	735.6
39	86	47	88	744.2	744.0	744.5
39	87	48	88	752.9	754.9	755.4
39	88	49	88	761.4	762.8	763.6
39	89	50	88	769.6	772.9	773.7
39	90	51	88	777.7	780.0	781.1
39	91	52	88	785.4	789.2	790.5
39	92	53	88	793.0	795.6	797.2
39	93	54	88	800.3	804.1	805.9
39	94	55	88	807.3	809.7	812.0
39	95	56	88	814.2	817.5	820.1
39	96	57	88	820.7	822.5	825.5
39	97	58	88	827.1	829.6	833.0
39	98	59	88	833.2	834.0	837.9
39	99	60	88	839.1	840.5	844.7
39	100	61	88	844.7	844.3	849.0
39	101	62	88	850.1	850.2	855.3
39	102	63	88	855.3	853.4	859.1
39	103	64	88	860.2	858.8	864.9
39	104	65	88	864.9	861.5	868.2
39	105	66	88	869.3	866.3	873.4
39	106	67	88	873.6	868.6	876.3
39	107	68	88	877.5	872.9	881.1
39	108	69	88	881.3	874.7	883.5
39	109	70	88	884.8	878.6	887.8
39	110	71	88	888.0	879.9	889.8
39	111	72	88	891.1	883.3	893.7
39	112	73	88	893.9	884.3	895.2
39	113	74	88	896.4	887.3	898.7
39	114	75	88	898.7	887.9	899.9

Supplementary file for Table-3

39	115	76	88	900.8	890.5	903.0
39	116	77	88	902.7	890.7	903.8
39	117	78	88	904.3	892.9	906.5
39	118	79	88	905.6	892.7	907.0
39	119	80	88	906.8	894.6	909.3
39	120	81	88	907.6	894.1	909.4
39	121	82	88	908.3	895.7	911.4
39	122	83	88	908.7	894.9	911.3
39	123	84	88	908.9	896.1	912.9
39	124	85	88	908.9	895.0	912.4
39	125	86	88	908.6	895.9	913.8
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
40	80	40	90	682.9	667.1	668.8
40	81	41	90	693.5	679.5	680.9
40	82	42	90	703.8	694.0	695.0
40	83	43	90	713.9	705.3	706.2
40	84	44	90	723.7	718.8	719.3
40	85	45	90	733.3	729.1	729.6
40	86	46	90	742.7	741.5	741.8
40	87	47	90	751.9	750.9	751.3
40	88	48	90	760.8	762.3	762.7
40	89	49	90	769.5	770.8	771.3
40	90	50	90	777.9	781.4	781.9
40	91	51	90	786.1	789.1	789.9
40	92	52	90	794.1	798.9	799.7
40	93	53	90	801.9	805.8	806.9
40	94	54	90	809.4	814.8	816.1
40	95	55	90	816.7	820.9	822.7
40	96	56	90	823.7	829.2	831.1
40	97	57	90	830.5	834.7	837.1
40	98	58	90	837.1	842.3	844.9
40	99	59	90	843.5	847.2	850.3
40	100	60	90	849.6	854.2	857.5
40	101	61	90	855.5	858.4	862.3
40	102	62	90	861.2	864.8	869.0
40	103	63	90	866.6	868.5	873.3
40	104	64	90	871.8	874.3	879.4
40	105	65	90	876.8	877.5	883.2
40	106	66	90	881.5	882.8	888.8
40	107	67	90	886.0	885.5	892.1
40	108	68	90	890.3	890.2	897.2
40	109	69	90	894.3	892.4	900.1
40	110	70	90	898.1	896.7	904.7
40	111	71	90	901.7	898.5	907.1
40	112	72	90	905.0	902.3	911.4
40	113	73	90	908.1	903.7	913.3
40	114	74	90	911.0	907.1	917.2
40	115	75	90	913.6	908.1	918.7
40	116	76	90	916.0	911.1	922.2
40	117	77	90	918.2	911.6	923.4
40	118	78	90	920.2	914.3	926.4
40	119	79	90	921.9	914.5	927.2
40	120	80	90	923.4	916.7	929.9

Supplementary file for Table-3

40	121	81	90	924.6	916.6	930.4
40	122	82	90	925.6	918.5	932.7
40	123	83	90	926.4	918.1	932.9
40	124	84	90	927.0	919.6	934.9
40	125	85	90	927.3	918.9	934.7
40	126	86	90	927.4	920.1	936.4
40	127	87	90	927.2	919.1	935.9
40	128	88	90	926.9	920.1	937.3
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
41	82	41	93	697.8	679.3	681.4
41	83	42	93	708.5	694.5	696.0
41	84	43	93	718.9	706.4	707.7
41	85	44	93	729.1	720.4	721.4
41	86	45	93	739.1	731.4	732.2
41	87	46	93	748.8	744.4	745.0
41	88	47	93	758.4	754.3	754.9
41	89	48	93	767.7	766.4	766.8
41	90	49	93	776.8	775.4	776.0
41	91	50	93	785.6	786.6	787.1
41	92	51	93	794.2	794.8	795.5
41	93	52	93	802.6	805.1	805.9
41	94	53	93	810.8	812.6	813.6
41	95	54	93	818.8	822.1	823.2
41	96	55	93	826.5	828.8	830.2
41	97	56	93	834.0	837.6	839.2
41	98	57	93	841.3	843.6	845.6
41	99	58	93	848.3	851.7	853.9
41	100	59	93	855.2	857.1	859.7
41	101	60	93	861.8	864.6	867.4
41	102	61	93	868.1	869.3	872.6
41	103	62	93	874.3	876.2	879.7
41	104	63	93	880.2	880.4	884.4
41	105	64	93	885.9	886.6	891.0
41	106	65	93	891.4	890.3	895.2
41	107	66	93	896.6	896.0	901.2
41	108	67	93	901.7	899.1	904.9
41	109	68	93	906.5	904.3	910.5
41	110	69	93	911.0	907.0	913.7
41	111	70	93	915.4	911.7	918.8
41	112	71	93	919.5	913.9	921.6
41	113	72	93	923.4	918.2	926.2
41	114	73	93	927.1	919.9	928.6
41	115	74	93	930.5	923.8	932.8
41	116	75	93	933.8	925.1	934.7
41	117	76	93	936.8	928.5	938.5
41	118	77	93	939.5	929.5	940.1
41	119	78	93	942.1	932.5	943.5
41	120	79	93	944.4	933.1	944.7
41	121	80	93	946.5	935.7	947.7
41	122	81	93	948.4	936.0	948.5
41	123	82	93	950.0	938.3	951.2
41	124	83	93	951.5	938.2	951.7
41	125	84	93	952.7	940.1	954.1

Supplementary file for Table-3

41	126	85	93	953.6	939.8	954.2
41	127	86	93	954.4	941.4	956.2
41	128	87	93	954.9	940.7	956.1
41	129	88	93	955.2	942.0	957.8
41	130	89	93	955.3	941.0	957.4
41	131	90	93	955.2	942.0	958.7
41	132	91	93	954.8	940.8	958.1
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
42	84	42	95	714.8	696.8	698.7
42	85	43	95	725.4	709.3	711.0
42	86	44	95	735.7	723.9	725.1
42	87	45	95	745.9	735.4	736.5
42	88	46	95	755.8	749.0	749.7
42	89	47	95	765.5	759.5	760.2
42	90	48	95	774.9	772.1	772.6
42	91	49	95	784.2	781.7	782.3
42	92	50	95	793.2	793.4	793.8
42	93	51	95	802.0	802.2	802.7
42	94	52	95	810.6	813.0	813.5
42	95	53	95	819.0	821.0	821.7
42	96	54	95	827.1	831.0	831.8
42	97	55	95	835.0	838.3	839.3
42	98	56	95	842.7	847.5	848.7
42	99	57	95	850.2	854.1	855.5
42	100	58	95	857.5	862.7	864.3
42	101	59	95	864.5	868.5	870.5
42	102	60	95	871.4	876.4	878.7
42	103	61	95	878.0	881.7	884.3
42	104	62	95	884.3	889.0	891.9
42	105	63	95	890.5	893.6	897.0
42	106	64	95	896.4	900.4	904.0
42	107	65	95	902.1	904.5	908.5
42	108	66	95	907.6	910.6	915.0
42	109	67	95	912.9	914.2	919.1
42	110	68	95	918.0	919.8	925.0
42	111	69	95	922.8	922.9	928.6
42	112	70	95	927.4	928.1	934.1
42	113	71	95	931.8	930.7	937.3
42	114	72	95	936.0	935.3	942.3
42	115	73	95	939.9	937.5	945.0
42	116	74	95	943.7	941.7	949.6
42	117	75	95	947.2	943.5	951.9
42	118	76	95	950.5	947.3	956.1
42	119	77	95	953.5	948.7	958.0
42	120	78	95	956.4	952.0	961.8
42	121	79	95	959.0	953.0	963.3
42	122	80	95	961.4	956.0	966.7
42	123	81	95	963.6	956.7	967.9
42	124	82	95	965.6	959.3	970.9
42	125	83	95	967.3	959.6	971.7
42	126	84	95	968.9	961.9	974.4
42	127	85	95	970.2	961.9	974.9
42	128	86	95	971.3	963.8	977.2

Supplementary file for Table-3

42	129	87	95	972.1	963.5	977.4
42	130	88	95	972.8	965.1	979.4
42	131	89	95	973.2	964.5	979.3
42	132	90	95	973.4	965.8	981.0
42	133	91	95	973.4	964.9	980.6
42	134	92	95	973.2	965.9	982.0
42	135	93	95	972.7	964.8	981.4
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
43	86	43	98	729.5	708.8	711.1
43	87	44	98	740.2	724.0	725.8
43	88	45	98	750.6	736.1	737.7
43	89	46	98	760.9	750.2	751.4
43	90	47	98	770.9	761.4	762.4
43	91	48	98	780.7	774.5	775.3
43	92	49	98	790.3	784.7	785.5
43	93	50	98	799.7	796.9	797.5
43	94	51	98	808.9	806.2	806.9
43	95	52	98	817.9	817.6	818.2
43	96	53	98	826.6	826.1	826.9
43	97	54	98	835.1	836.7	837.4
43	98	55	98	843.5	844.4	845.4
43	99	56	98	851.6	854.2	855.2
43	100	57	98	859.5	861.3	862.5
43	101	58	98	867.1	870.3	871.7
43	102	59	98	874.6	876.7	878.4
43	103	60	98	881.8	885.1	887.0
43	104	61	98	888.9	890.8	893.1
43	105	62	98	895.7	898.6	901.0
43	106	63	98	902.3	903.7	906.6
43	107	64	98	908.7	910.9	914.0
43	108	65	98	914.9	915.5	919.0
43	109	66	98	920.8	922.1	925.9
43	110	67	98	926.6	926.1	930.4
43	111	68	98	932.1	932.2	936.7
43	112	69	98	937.4	935.7	940.7
43	113	70	98	942.5	941.3	946.6
43	114	71	98	947.4	944.3	950.1
43	115	72	98	952.1	949.4	955.5
43	116	73	98	956.6	952.0	958.7
43	117	74	98	960.8	956.6	963.6
43	118	75	98	964.8	958.8	966.3
43	119	76	98	968.7	963.0	970.8
43	120	77	98	972.3	964.8	973.1
43	121	78	98	975.7	968.5	977.2
43	122	79	98	978.8	969.9	979.2
43	123	80	98	981.8	973.3	982.9
43	124	81	98	984.6	974.3	984.4
43	125	82	98	987.1	977.3	987.8
43	126	83	98	989.4	978.0	989.0
43	127	84	98	991.5	980.6	992.0
43	128	85	98	993.4	981.0	992.8
43	129	86	98	995.1	983.3	995.5
43	130	87	98	996.6	983.3	996.0

Supplementary file for Table-3

43	131	88	98	997.8	985.3	998.4
43	132	89	98	998.9	985.0	998.6
43	133	90	98	999.7	986.6	1000.6
43	134	91	98	1000.3	986.1	1000.5
43	135	92	98	1000.7	987.4	1002.2
43	136	93	98	1000.9	986.6	1001.9
43	137	94	98	1000.9	987.7	1003.3
43	138	95	98	1000.7	986.6	1002.7
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
44	88	44	100	746.4	725.9	728.1
44	89	45	100	757.0	738.6	740.5
44	90	46	100	767.4	753.3	754.7
44	91	47	100	777.5	764.9	766.2
44	92	48	100	787.5	778.6	779.6
44	93	49	100	797.2	789.4	790.2
44	94	50	100	806.8	802.1	802.8
44	95	51	100	816.1	812.0	812.6
44	96	52	100	825.2	823.9	824.4
44	97	53	100	834.1	832.9	833.5
44	98	54	100	842.8	843.9	844.5
44	99	55	100	851.3	852.2	852.9
44	100	56	100	859.6	862.5	863.2
44	101	57	100	867.7	870.0	871.0
44	102	58	100	875.6	879.6	880.6
44	103	59	100	883.2	886.4	887.7
44	104	60	100	890.6	895.3	896.7
44	105	61	100	897.9	901.5	903.2
44	106	62	100	904.9	909.7	911.6
44	107	63	100	911.7	915.3	917.6
44	108	64	100	918.3	922.9	925.4
44	109	65	100	924.7	928.0	930.8
44	110	66	100	930.9	935.0	938.1
44	111	67	100	936.8	939.5	943.0
44	112	68	100	942.6	946.0	949.7
44	113	69	100	948.1	949.9	954.1
44	114	70	100	953.5	955.9	960.4
44	115	71	100	958.6	959.4	964.3
44	116	72	100	963.5	964.9	970.1
44	117	73	100	968.2	967.9	973.6
44	118	74	100	972.7	972.9	978.9
44	119	75	100	977.0	975.5	982.0
44	120	76	100	981.1	980.0	986.8
44	121	77	100	985.0	982.2	989.5
44	122	78	100	988.6	986.3	994.0
44	123	79	100	992.1	988.1	996.2
44	124	80	100	995.3	991.8	1000.3
44	125	81	100	998.4	993.2	1002.2
44	126	82	100	1001.2	996.6	1005.9
44	127	83	100	1003.8	997.6	1007.4
44	128	84	100	1006.2	1000.6	1010.7
44	129	85	100	1008.4	1001.3	1011.9
44	130	86	100	1010.4	1004.0	1014.9
44	131	87	100	1012.1	1004.3	1015.8

Supplementary file for Table-3

44	132	88	100	1013.7	1006.6	1018.4
44	133	89	100	1015.1	1006.7	1019.0
44	134	90	100	1016.2	1008.7	1021.3
44	135	91	100	1017.1	1008.5	1021.5
44	136	92	100	1017.9	1010.2	1023.5
44	137	93	100	1018.4	1009.6	1023.5
44	138	94	100	1018.7	1011.0	1025.2
44	139	95	100	1018.8	1010.2	1024.9
44	140	96	100	1018.7	1011.4	1026.3
44	141	97	100	1018.3	1010.3	1025.7
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
45	90	45	103	760.9	737.8	740.3
45	91	46	103	771.5	753.0	755.0
45	92	47	103	782.0	765.2	767.0
45	93	48	103	792.3	779.5	780.9
45	94	49	103	802.4	790.8	792.0
45	95	50	103	812.2	804.1	805.0
45	96	51	103	821.9	814.5	815.4
45	97	52	103	831.4	826.9	827.6
45	98	53	103	840.6	836.4	837.2
45	99	54	103	849.7	848.0	848.7
45	100	55	103	858.5	856.8	857.5
45	101	56	103	867.2	867.6	868.3
45	102	57	103	875.6	875.6	876.5
45	103	58	103	883.8	885.6	886.6
45	104	59	103	891.9	893.0	894.1
45	105	60	103	899.7	902.3	903.6
45	106	61	103	907.3	909.0	910.5
45	107	62	103	914.7	917.7	919.3
45	108	63	103	921.9	923.8	925.7
45	109	64	103	929.0	931.8	933.9
45	110	65	103	935.8	937.3	939.8
45	111	66	103	942.4	944.8	947.4
45	112	67	103	948.8	949.7	952.7
45	113	68	103	954.9	956.6	959.9
45	114	69	103	960.9	961.0	964.7
45	115	70	103	966.7	967.4	971.3
45	116	71	103	972.3	971.3	975.7
45	117	72	103	977.7	977.2	981.8
45	118	73	103	982.8	980.7	985.7
45	119	74	103	987.8	986.1	991.4
45	120	75	103	992.6	989.1	994.8
45	121	76	103	997.1	994.0	1000.1
45	122	77	103	1001.5	996.6	1003.1
45	123	78	103	1005.6	1001.1	1007.9
45	124	79	103	1009.6	1003.3	1010.6
45	125	80	103	1013.3	1007.4	1015.0
45	126	81	103	1016.9	1009.2	1017.2
45	127	82	103	1020.2	1012.9	1021.3
45	128	83	103	1023.3	1014.3	1023.2
45	129	84	103	1026.2	1017.7	1026.8
45	130	85	103	1029.0	1018.7	1028.3
45	131	86	103	1031.5	1021.7	1031.6

Supplementary file for Table-3

45	132	87	103	1033.8	1022.4	1032.9
45	133	88	103	1035.9	1025.1	1035.8
45	134	89	103	1037.8	1025.5	1036.7
45	135	90	103	1039.5	1027.8	1039.3
45	136	91	103	1041.0	1027.9	1039.9
45	137	92	103	1042.3	1030.0	1042.2
45	138	93	103	1043.4	1029.8	1042.5
45	139	94	103	1044.3	1031.5	1044.5
45	140	95	103	1045.0	1031.0	1044.5
45	141	96	103	1045.5	1032.5	1046.2
45	142	97	103	1045.7	1031.7	1045.9
45	143	98	103	1045.8	1032.9	1047.3
45	144	99	103	1045.7	1031.9	1046.8
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
46	92	46	106	775.2	754.5	757.0
46	93	47	106	786.0	767.3	769.4
46	94	48	106	796.5	782.1	783.8
46	95	49	106	806.9	793.9	795.4
46	96	50	106	817.1	807.7	808.9
46	97	51	106	827.1	818.6	819.7
46	98	52	106	836.9	831.5	832.4
46	99	53	106	846.4	841.6	842.4
46	100	54	106	855.8	853.7	854.3
46	101	55	106	865.0	862.9	863.7
46	102	56	106	874.0	874.2	874.8
46	103	57	106	882.8	882.7	883.5
46	104	58	106	891.3	893.3	894.0
46	105	59	106	899.7	901.1	902.0
46	106	60	106	907.9	910.9	911.8
46	107	61	106	915.9	918.0	919.2
46	108	62	106	923.7	927.2	928.4
46	109	63	106	931.3	933.7	935.2
46	110	64	106	938.7	942.2	943.8
46	111	65	106	945.9	948.1	950.1
46	112	66	106	952.9	956.1	958.1
46	113	67	106	959.7	961.4	963.9
46	114	68	106	966.3	968.8	971.4
46	115	69	106	972.7	973.6	976.6
46	116	70	106	978.9	980.4	983.6
46	117	71	106	984.9	984.7	988.3
46	118	72	106	990.7	991.0	994.8
46	119	73	106	996.3	994.9	999.1
46	120	74	106	1001.7	1000.7	1005.1
46	121	75	106	1006.9	1004.1	1009.0
46	122	76	106	1011.9	1009.4	1014.6
46	123	77	106	1016.7	1012.3	1017.9
46	124	78	106	1021.3	1017.3	1023.1
46	125	79	106	1025.7	1019.8	1026.1
46	126	80	106	1029.9	1024.3	1030.9
46	127	81	106	1033.9	1026.4	1033.5
46	128	82	106	1037.8	1030.5	1037.8
46	129	83	106	1041.4	1032.3	1040.1
46	130	84	106	1044.8	1036.0	1044.1

Supplementary file for Table-3

46	131	85	106	1048.0	1037.4	1045.9
46	132	86	106	1051.0	1040.7	1049.5
46	133	87	106	1053.9	1041.8	1051.1
46	134	88	106	1056.5	1044.8	1054.4
46	135	89	106	1058.9	1045.6	1055.6
46	136	90	106	1061.2	1048.2	1058.5
46	137	91	106	1063.2	1048.7	1059.4
46	138	92	106	1065.0	1051.0	1062.0
46	139	93	106	1066.7	1051.1	1062.6
46	140	94	106	1068.1	1053.2	1064.9
46	141	95	106	1069.3	1053.0	1065.2
46	142	96	106	1070.4	1054.8	1067.2
46	143	97	106	1071.2	1054.4	1067.2
46	144	98	106	1071.9	1055.8	1068.9
46	145	99	106	1072.3	1055.2	1068.7
46	146	100	106	1072.5	1056.3	1070.1
46	147	101	106	1072.6	1055.4	1069.6
46	148	102	106	1072.4	1056.4	1070.8
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
47	94	47	108	791.9	766.1	768.9
47	95	48	108	802.6	781.4	783.7
47	96	49	108	813.1	793.8	795.8
47	97	50	108	823.4	808.1	809.8
47	98	51	108	833.5	819.6	821.1
47	99	52	108	843.4	833.0	834.2
47	100	53	108	853.1	843.6	844.7
47	101	54	108	862.6	856.2	857.1
47	102	55	108	872.0	866.0	866.9
47	103	56	108	881.1	877.7	878.5
47	104	57	108	890.0	886.8	887.6
47	105	58	108	898.8	897.8	898.5
47	106	59	108	907.3	906.1	907.0
47	107	60	108	915.6	916.3	917.2
47	108	61	108	923.8	924.0	925.1
47	109	62	108	931.7	933.6	934.7
47	110	63	108	939.5	940.6	941.9
47	111	64	108	947.1	949.5	950.9
47	112	65	108	954.4	955.9	957.6
47	113	66	108	961.6	964.3	966.1
47	114	67	108	968.6	970.1	972.2
47	115	68	108	975.4	977.8	980.1
47	116	69	108	982.0	983.1	985.7
47	117	70	108	988.4	990.3	993.1
47	118	71	108	994.5	995.1	998.2
47	119	72	108	1000.6	1001.8	1005.1
47	120	73	108	1006.4	1006.0	1009.7
47	121	74	108	1012.0	1012.2	1016.2
47	122	75	108	1017.4	1016.0	1020.4
47	123	76	108	1022.6	1021.8	1026.3
47	124	77	108	1027.6	1025.1	1030.1
47	125	78	108	1032.5	1030.4	1035.6
47	126	79	108	1037.1	1033.3	1039.0
47	127	80	108	1041.5	1038.2	1044.1

Supplementary file for Table-3

47	128	81	108	1045.8	1040.7	1047.0
47	129	82	108	1049.8	1045.2	1051.7
47	130	83	108	1053.7	1047.3	1054.3
47	131	84	108	1057.4	1051.4	1058.6
47	132	85	108	1060.8	1053.2	1060.8
47	133	86	108	1064.1	1056.9	1064.8
47	134	87	108	1067.2	1058.3	1066.7
47	135	88	108	1070.1	1061.6	1070.3
47	136	89	108	1072.7	1062.7	1071.8
47	137	90	108	1075.2	1065.7	1075.0
47	138	91	108	1077.5	1066.5	1076.3
47	139	92	108	1079.6	1069.2	1079.2
47	140	93	108	1081.5	1069.6	1080.1
47	141	94	108	1083.2	1072.0	1082.7
47	142	95	108	1084.8	1072.2	1083.3
47	143	96	108	1086.1	1074.3	1085.6
47	144	97	108	1087.2	1074.2	1085.9
47	145	98	108	1088.1	1075.9	1087.9
47	146	99	108	1088.9	1075.6	1088.0
47	147	100	108	1089.4	1077.1	1089.7
47	148	101	108	1089.8	1076.5	1089.5
47	149	102	108	1089.9	1077.7	1091.0
47	150	103	108	1089.9	1076.8	1090.5
47	151	104	108	1089.7	1077.8	1091.7
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
48	96	48	111	806.1	782.6	785.3
48	97	49	111	816.8	795.5	797.9
48	98	50	111	827.4	810.3	812.3
48	99	51	111	837.8	822.3	824.0
48	100	52	111	848.0	836.2	837.6
48	101	53	111	858.0	847.3	848.6
48	102	54	111	867.8	860.4	861.4
48	103	55	111	877.5	870.6	871.6
48	104	56	111	886.9	882.9	883.7
48	105	57	111	896.1	892.4	893.2
48	106	58	111	905.2	903.8	904.5
48	107	59	111	914.1	912.6	913.4
48	108	60	111	922.7	923.4	924.1
48	109	61	111	931.2	931.4	932.3
48	110	62	111	939.5	941.5	942.4
48	111	63	111	947.6	948.9	950.0
48	112	64	111	955.5	958.3	959.4
48	113	65	111	963.2	965.2	966.5
48	114	66	111	970.8	973.9	975.3
48	115	67	111	978.1	980.2	981.9
48	116	68	111	985.3	988.4	990.2
48	117	69	111	992.2	994.1	996.1
48	118	70	111	999.0	1001.7	1003.9
48	119	71	111	1005.6	1006.9	1009.4
48	120	72	111	1012.0	1014.0	1016.7
48	121	73	111	1018.2	1018.6	1021.7
48	122	74	111	1024.2	1025.2	1028.5
48	123	75	111	1030.0	1029.4	1033.0

Supplementary file for Table-3

48	124	76	111	1035.6	1035.5	1039.3
48	125	77	111	1041.1	1039.3	1043.5
48	126	78	111	1046.3	1044.9	1049.3
48	127	79	111	1051.4	1048.2	1053.0
48	128	80	111	1056.3	1053.5	1058.5
48	129	81	111	1060.9	1056.4	1061.8
48	130	82	111	1065.4	1061.2	1066.8
48	131	83	111	1069.7	1063.7	1069.7
48	132	84	111	1073.8	1068.1	1074.4
48	133	85	111	1077.8	1070.2	1076.9
48	134	86	111	1081.5	1074.3	1081.2
48	135	87	111	1085.0	1076.0	1083.4
48	136	88	111	1088.4	1079.7	1087.3
48	137	89	111	1091.5	1081.1	1089.2
48	138	90	111	1094.5	1084.5	1092.7
48	139	91	111	1097.3	1085.6	1094.3
48	140	92	111	1099.9	1088.6	1097.5
48	141	93	111	1102.3	1089.4	1098.7
48	142	94	111	1104.5	1092.1	1101.6
48	143	95	111	1106.5	1092.6	1102.5
48	144	96	111	1108.3	1094.9	1105.1
48	145	97	111	1110.0	1095.2	1105.8
48	146	98	111	1111.4	1097.2	1108.1
48	147	99	111	1112.7	1097.2	1108.4
48	148	100	111	1113.8	1099.0	1110.4
48	149	101	111	1114.7	1098.7	1110.5
48	150	102	111	1115.4	1100.2	1112.2
48	151	103	111	1115.9	1099.6	1112.0
48	152	104	111	1116.2	1100.9	1113.5
48	153	105	111	1116.3	1100.1	1113.0
48	154	106	111	1116.2	1101.1	1114.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
49	98	49	113	822.7	794.0	797.0
49	99	50	113	833.4	809.3	811.9
49	100	51	113	843.9	821.8	824.1
49	101	52	113	854.2	836.2	838.1
49	102	53	113	864.3	847.9	849.6
49	103	54	113	874.2	861.4	862.8
49	104	55	113	884.0	872.2	873.5
49	105	56	113	893.5	884.9	886.0
49	106	57	113	902.9	894.9	896.0
49	107	58	113	912.1	906.9	907.7
49	108	59	113	921.1	916.1	917.0
49	109	60	113	929.9	927.3	928.1
49	110	61	113	938.5	935.9	936.8
49	111	62	113	947.0	946.4	947.3
49	112	63	113	955.2	954.3	955.3
49	113	64	113	963.3	964.1	965.1
49	114	65	113	971.2	971.4	972.6
49	115	66	113	978.9	980.6	981.9
49	116	67	113	986.4	987.3	988.8
49	117	68	113	993.7	995.9	997.5
49	118	69	113	1000.8	1002.0	1003.9

Supplementary file for Table-3

49	119	70	113	1007.8	1010.1	1012.0
49	120	71	113	1014.5	1015.7	1017.9
49	121	72	113	1021.1	1023.2	1025.5
49	122	73	113	1027.5	1028.2	1030.9
49	123	74	113	1033.7	1035.2	1038.1
49	124	75	113	1039.7	1039.8	1043.0
49	125	76	113	1045.5	1046.3	1049.7
49	126	77	113	1051.1	1050.5	1054.2
49	127	78	113	1056.6	1056.5	1060.4
49	128	79	113	1061.8	1060.2	1064.5
49	129	80	113	1066.9	1065.8	1070.3
49	130	81	113	1071.8	1069.1	1073.9
49	131	82	113	1076.5	1074.3	1079.3
49	132	83	113	1081.0	1077.1	1082.6
49	133	84	113	1085.3	1081.9	1087.5
49	134	85	113	1089.5	1084.4	1090.4
49	135	86	113	1093.4	1088.8	1095.0
49	136	87	113	1097.2	1090.9	1097.6
49	137	88	113	1100.8	1094.9	1101.8
49	138	89	113	1104.2	1096.7	1104.0
49	139	90	113	1107.4	1100.4	1107.9
49	140	91	113	1110.4	1101.9	1109.7
49	141	92	113	1113.2	1105.2	1113.3
49	142	93	113	1115.9	1106.3	1114.8
49	143	94	113	1118.3	1109.3	1118.0
49	144	95	113	1120.6	1110.1	1119.2
49	145	96	113	1122.7	1112.8	1122.1
49	146	97	113	1124.6	1113.4	1123.0
49	147	98	113	1126.3	1115.8	1125.6
49	148	99	113	1127.8	1116.0	1126.3
49	149	100	113	1129.2	1118.1	1128.6
49	150	101	113	1130.3	1118.1	1128.9
49	151	102	113	1131.3	1119.9	1130.9
49	152	103	113	1132.1	1119.7	1131.0
49	153	104	113	1132.7	1121.2	1132.8
49	154	105	113	1133.1	1120.7	1132.6
49	155	106	113	1133.3	1122.0	1134.1
49	156	107	113	1133.3	1121.3	1133.7
49	157	108	113	1133.2	1122.3	1134.9
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
50	100	50	116	836.6	810.1	813.0
50	101	51	116	847.4	823.1	825.7
50	102	52	116	858.0	838.0	840.2
50	103	53	116	868.4	850.1	852.1
50	104	54	116	878.6	864.1	865.7
50	105	55	116	888.6	875.4	876.9
50	106	56	116	898.5	888.6	889.8
50	107	57	116	908.1	899.1	900.2
50	108	58	116	917.6	911.5	912.4
50	109	59	116	926.9	921.2	922.1
50	110	60	116	936.0	932.8	933.6
50	111	61	116	944.9	941.9	942.7
50	112	62	116	953.7	952.8	953.6

Supplementary file for Table-3

50	113	63	116	962.3	961.1	962.0
50	114	64	116	970.6	971.4	972.3
50	115	65	116	978.8	979.1	980.1
50	116	66	116	986.9	988.8	989.8
50	117	67	116	994.7	995.9	997.1
50	118	68	116	1002.4	1004.9	1006.1
50	119	69	116	1009.8	1011.4	1012.9
50	120	70	116	1017.1	1019.9	1021.4
50	121	71	116	1024.2	1025.9	1027.7
50	122	72	116	1031.1	1033.8	1035.7
50	123	73	116	1037.9	1039.3	1041.5
50	124	74	116	1044.4	1046.7	1049.0
50	125	75	116	1050.8	1051.6	1054.3
50	126	76	116	1057.0	1058.5	1061.3
50	127	77	116	1063.0	1063.1	1066.1
50	128	78	116	1068.9	1069.5	1072.7
50	129	79	116	1074.5	1073.5	1077.1
50	130	80	116	1080.0	1079.5	1083.3
50	131	81	116	1085.3	1083.2	1087.3
50	132	82	116	1090.4	1088.7	1093.0
50	133	83	116	1095.3	1091.9	1096.6
50	134	84	116	1100.0	1097.0	1101.9
50	135	85	116	1104.6	1099.9	1105.1
50	136	86	116	1108.9	1104.6	1110.0
50	137	87	116	1113.1	1107.1	1112.9
50	138	88	116	1117.1	1111.5	1117.4
50	139	89	116	1121.0	1113.6	1119.9
50	140	90	116	1124.6	1117.6	1124.1
50	141	91	116	1128.1	1119.4	1126.3
50	142	92	116	1131.3	1123.0	1130.1
50	143	93	116	1134.4	1124.5	1132.0
50	144	94	116	1137.3	1127.8	1135.5
50	145	95	116	1140.1	1129.0	1137.0
50	146	96	116	1142.6	1131.9	1140.2
50	147	97	116	1145.0	1132.8	1141.4
50	148	98	116	1147.2	1135.5	1144.3
50	149	99	116	1149.2	1136.1	1145.2
50	150	100	116	1151.0	1138.5	1147.8
50	151	101	116	1152.7	1138.8	1148.5
50	152	102	116	1154.1	1140.9	1150.8
50	153	103	116	1155.4	1140.9	1151.1
50	154	104	116	1156.5	1142.8	1153.2
50	155	105	116	1157.4	1142.5	1153.3
50	156	106	116	1158.1	1144.1	1155.0
50	157	107	116	1158.7	1143.7	1154.9
50	158	108	116	1159.0	1145.0	1156.4
50	159	109	116	1159.2	1144.3	1156.0
50	160	110	116	1159.2	1145.4	1157.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
51	102	51	119	850.5	821.2	824.5
51	103	52	119	861.3	836.7	839.4
51	104	53	119	872.0	849.3	851.8
51	105	54	119	882.4	863.8	865.9

Supplementary file for Table-3

51	106	55	119	892.7	875.5	877.5
51	107	56	119	902.8	889.2	890.8
51	108	57	119	912.8	900.2	901.7
51	109	58	119	922.5	913.0	914.3
51	110	59	119	932.1	923.2	924.4
51	111	60	119	941.5	935.4	936.4
51	112	61	119	950.7	944.8	945.9
51	113	62	119	959.8	956.2	957.1
51	114	63	119	968.6	965.0	966.0
51	115	64	119	977.3	975.7	976.6
51	116	65	119	985.8	983.9	984.9
51	117	66	119	994.1	994.0	994.9
51	118	67	119	1002.3	1001.5	1002.7
51	119	68	119	1010.3	1011.0	1012.1
51	120	69	119	1018.1	1017.9	1019.3
51	121	70	119	1025.7	1026.8	1028.2
51	122	71	119	1033.1	1033.2	1034.8
51	123	72	119	1040.4	1041.5	1043.2
51	124	73	119	1047.5	1047.4	1049.3
51	125	74	119	1054.4	1055.2	1057.2
51	126	75	119	1061.1	1060.6	1062.9
51	127	76	119	1067.6	1067.8	1070.3
51	128	77	119	1074.0	1072.8	1075.5
51	129	78	119	1080.2	1079.6	1082.4
51	130	79	119	1086.2	1084.0	1087.2
51	131	80	119	1092.0	1090.3	1093.6
51	132	81	119	1097.7	1094.4	1098.0
51	133	82	119	1103.2	1100.3	1104.1
51	134	83	119	1108.5	1103.9	1108.0
51	135	84	119	1113.6	1109.4	1113.6
51	136	85	119	1118.5	1112.6	1117.2
51	137	86	119	1123.3	1117.6	1122.5
51	138	87	119	1127.9	1120.5	1125.6
51	139	88	119	1132.3	1125.2	1130.5
51	140	89	119	1136.6	1127.7	1133.3
51	141	90	119	1140.6	1132.0	1137.8
51	142	91	119	1144.5	1134.1	1140.3
51	143	92	119	1148.2	1138.1	1144.5
51	144	93	119	1151.7	1139.9	1146.6
51	145	94	119	1155.1	1143.5	1150.5
51	146	95	119	1158.2	1145.0	1152.3
51	147	96	119	1161.2	1148.3	1155.8
51	148	97	119	1164.0	1149.5	1157.3
51	149	98	119	1166.7	1152.5	1160.5
51	150	99	119	1169.1	1153.4	1161.7
51	151	100	119	1171.4	1156.1	1164.6
51	152	101	119	1173.5	1156.7	1165.5
51	153	102	119	1175.4	1159.1	1168.1
51	154	103	119	1177.2	1159.4	1168.8
51	155	104	119	1178.7	1161.6	1171.1
51	156	105	119	1180.1	1161.7	1171.5
51	157	106	119	1181.4	1163.5	1173.5
51	158	107	119	1182.4	1163.4	1173.6

Supplementary file for Table-3

51	159	108	119	1183.3	1165.0	1175.4
51	160	109	119	1183.9	1164.6	1175.3
51	161	110	119	1184.4	1165.9	1176.8
51	162	111	119	1184.8	1165.3	1176.4
51	163	112	119	1184.9	1166.4	1177.7
51	164	113	119	1184.9	1165.6	1177.1
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
52	104	52	121	866.9	837.0	840.2
52	105	53	121	877.7	850.1	853.0
52	106	54	121	888.2	865.1	867.6
52	107	55	121	898.6	877.3	879.6
52	108	56	121	908.8	891.5	893.3
52	109	57	121	918.9	902.9	904.6
52	110	58	121	928.7	916.2	917.6
52	111	59	121	938.4	926.9	928.2
52	112	60	121	947.9	939.4	940.6
52	113	61	121	957.3	949.4	950.5
52	114	62	121	966.4	961.2	962.1
52	115	63	121	975.4	970.4	971.4
52	116	64	121	984.2	981.6	982.4
52	117	65	121	992.9	990.2	991.1
52	118	66	121	1001.3	1000.7	1001.5
52	119	67	121	1009.6	1008.6	1009.6
52	120	68	121	1017.7	1018.5	1019.4
52	121	69	121	1025.7	1025.9	1027.0
52	122	70	121	1033.4	1035.1	1036.2
52	123	71	121	1041.0	1042.0	1043.3
52	124	72	121	1048.4	1050.7	1052.0
52	125	73	121	1055.7	1057.0	1058.5
52	126	74	121	1062.7	1065.1	1066.7
52	127	75	121	1069.6	1070.9	1072.8
52	128	76	121	1076.3	1078.6	1080.5
52	129	77	121	1082.8	1083.8	1086.1
52	130	78	121	1089.2	1091.0	1093.3
52	131	79	121	1095.4	1095.8	1098.5
52	132	80	121	1101.4	1102.5	1105.3
52	133	81	121	1107.2	1106.9	1110.0
52	134	82	121	1112.9	1113.2	1116.4
52	135	83	121	1118.4	1117.2	1120.6
52	136	84	121	1123.7	1123.0	1126.6
52	137	85	121	1128.8	1126.6	1130.5
52	138	86	121	1133.7	1132.0	1136.1
52	139	87	121	1138.5	1135.2	1139.6
52	140	88	121	1143.1	1140.2	1144.8
52	141	89	121	1147.6	1143.0	1147.9
52	142	90	121	1151.8	1147.7	1152.7
52	143	91	121	1155.9	1150.1	1155.5
52	144	92	121	1159.8	1154.4	1160.0
52	145	93	121	1163.5	1156.5	1162.4
52	146	94	121	1167.1	1160.5	1166.6
52	147	95	121	1170.5	1162.3	1168.7
52	148	96	121	1173.7	1165.9	1172.5
52	149	97	121	1176.7	1167.4	1174.3

Supplementary file for Table-3

52	150	98	121	1179.6	1170.7	1177.8
52	151	99	121	1182.2	1171.9	1179.3
52	152	100	121	1184.7	1174.9	1182.4
52	153	101	121	1187.1	1175.8	1183.7
52	154	102	121	1189.2	1178.5	1186.5
52	155	103	121	1191.2	1179.1	1187.5
52	156	104	121	1193.0	1181.6	1190.1
52	157	105	121	1194.7	1181.9	1190.7
52	158	106	121	1196.1	1184.1	1193.0
52	159	107	121	1197.4	1184.2	1193.4
52	160	108	121	1198.5	1186.1	1195.5
52	161	109	121	1199.4	1186.0	1195.6
52	162	110	121	1200.2	1187.6	1197.4
52	163	111	121	1200.8	1187.3	1197.3
52	164	112	121	1201.2	1188.6	1198.8
52	165	113	121	1201.4	1188.1	1198.5
52	166	114	121	1201.5	1189.2	1199.8
52	167	115	121	1201.4	1188.4	1199.2
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
53	106	53	124	880.6	848.0	851.5
53	107	54	124	891.4	863.4	866.5
53	108	55	124	902.0	876.2	878.9
53	109	56	124	912.5	890.8	893.1
53	110	57	124	922.8	902.7	904.8
53	111	58	124	932.9	916.5	918.3
53	112	59	124	942.8	927.6	929.3
53	113	60	124	952.6	940.6	942.0
53	114	61	124	962.2	951.0	952.3
53	115	62	124	971.6	963.2	964.4
53	116	63	124	980.9	972.9	974.1
53	117	64	124	990.0	984.5	985.5
53	118	65	124	998.9	993.5	994.6
53	119	66	124	1007.7	1004.5	1005.4
53	120	67	124	1016.2	1012.9	1013.9
53	121	68	124	1024.6	1023.1	1024.1
53	122	69	124	1032.9	1030.9	1032.0
53	123	70	124	1040.9	1040.6	1041.7
53	124	71	124	1048.8	1047.8	1049.1
53	125	72	124	1056.5	1056.9	1058.2
53	126	73	124	1064.1	1063.6	1065.1
53	127	74	124	1071.4	1072.2	1073.7
53	128	75	124	1078.7	1078.4	1080.0
53	129	76	124	1085.7	1086.4	1088.1
53	130	77	124	1092.5	1092.1	1094.1
53	131	78	124	1099.2	1099.6	1101.7
53	132	79	124	1105.8	1104.9	1107.2
53	133	80	124	1112.1	1111.9	1114.3
53	134	81	124	1118.3	1116.7	1119.4
53	135	82	124	1124.3	1123.3	1126.1
53	136	83	124	1130.1	1127.6	1130.7
53	137	84	124	1135.8	1133.8	1137.0
53	138	85	124	1141.3	1137.8	1141.2
53	139	86	124	1146.6	1143.5	1147.1

Supplementary file for Table-3

53	140	87	124	1151.7	1147.1	1151.0
53	141	88	124	1156.7	1152.4	1156.5
53	142	89	124	1161.5	1155.6	1160.0
53	143	90	124	1166.1	1160.6	1165.1
53	144	91	124	1170.6	1163.4	1168.2
53	145	92	124	1174.9	1168.0	1173.0
53	146	93	124	1179.0	1170.5	1175.8
53	147	94	124	1183.0	1174.7	1180.2
53	148	95	124	1186.8	1176.9	1182.6
53	149	96	124	1190.4	1180.8	1186.7
53	150	97	124	1193.8	1182.6	1188.8
53	151	98	124	1197.1	1186.2	1192.6
53	152	99	124	1200.2	1187.7	1194.4
53	153	100	124	1203.1	1191.0	1197.9
53	154	101	124	1205.9	1192.3	1199.4
53	155	102	124	1208.4	1195.3	1202.5
53	156	103	124	1210.9	1196.2	1203.8
53	157	104	124	1213.1	1198.9	1206.6
53	158	105	124	1215.2	1199.6	1207.6
53	159	106	124	1217.1	1202.0	1210.1
53	160	107	124	1218.8	1202.4	1210.8
53	161	108	124	1220.4	1204.6	1213.1
53	162	109	124	1221.7	1204.8	1213.6
53	163	110	124	1223.0	1206.7	1215.6
53	164	111	124	1224.0	1206.6	1215.8
53	165	112	124	1224.9	1208.3	1217.5
53	166	113	124	1225.6	1208.0	1217.5
53	167	114	124	1226.1	1209.4	1219.0
53	168	115	124	1226.5	1208.8	1218.7
53	169	116	124	1226.7	1210.1	1220.0
53	170	117	124	1226.7	1209.3	1219.5
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
54	108	54	127	894.2	863.4	866.9
54	109	55	127	905.0	876.6	879.8
54	110	56	127	915.7	891.7	894.4
54	111	57	127	926.2	904.1	906.5
54	112	58	127	936.6	918.3	920.4
54	113	59	127	946.8	929.9	931.8
54	114	60	127	956.8	943.3	944.9
54	115	61	127	966.6	954.1	955.7
54	116	62	127	976.3	966.8	968.1
54	117	63	127	985.8	977.0	978.2
54	118	64	127	995.2	989.0	990.0
54	119	65	127	1004.4	998.4	999.5
54	120	66	127	1013.4	1009.8	1010.7
54	121	67	127	1022.2	1018.6	1019.5
54	122	68	127	1030.9	1029.3	1030.1
54	123	69	127	1039.4	1037.5	1038.4
54	124	70	127	1047.8	1047.5	1048.4
54	125	71	127	1056.0	1055.2	1056.2
54	126	72	127	1064.0	1064.7	1065.7
54	127	73	127	1071.8	1071.8	1072.9
54	128	74	127	1079.5	1080.7	1081.9

Supplementary file for Table-3

54	129	75	127	1087.0	1087.3	1088.6
54	130	76	127	1094.3	1095.7	1097.1
54	131	77	127	1101.5	1101.7	1103.3
54	132	78	127	1108.5	1109.7	1111.3
54	133	79	127	1115.3	1115.2	1117.1
54	134	80	127	1122.0	1122.7	1124.6
54	135	81	127	1128.5	1127.8	1130.0
54	136	82	127	1134.8	1134.8	1137.1
54	137	83	127	1141.0	1139.5	1142.0
54	138	84	127	1147.0	1146.0	1148.6
54	139	85	127	1152.8	1150.3	1153.2
54	140	86	127	1158.5	1156.4	1159.4
54	141	87	127	1164.0	1160.3	1163.6
54	142	88	127	1169.3	1166.0	1169.4
54	143	89	127	1174.5	1169.5	1173.2
54	144	90	127	1179.5	1174.8	1178.6
54	145	91	127	1184.3	1177.9	1182.1
54	146	92	127	1189.0	1182.9	1187.1
54	147	93	127	1193.5	1185.6	1190.2
54	148	94	127	1197.8	1190.2	1194.9
54	149	95	127	1202.0	1192.7	1197.7
54	150	96	127	1206.0	1196.9	1202.1
54	151	97	127	1209.8	1199.1	1204.5
54	152	98	127	1213.4	1203.0	1208.5
54	153	99	127	1216.9	1204.8	1210.6
54	154	100	127	1220.3	1208.4	1214.4
54	155	101	127	1223.4	1209.9	1216.2
54	156	102	127	1226.4	1213.2	1219.6
54	157	103	127	1229.2	1214.4	1221.1
54	158	104	127	1231.9	1217.4	1224.2
54	159	105	127	1234.4	1218.4	1225.5
54	160	106	127	1236.7	1221.1	1228.3
54	161	107	127	1238.8	1221.8	1229.3
54	162	108	127	1240.8	1224.3	1231.8
54	163	109	127	1242.7	1224.7	1232.5
54	164	110	127	1244.3	1226.9	1234.8
54	165	111	127	1245.8	1227.1	1235.3
54	166	112	127	1247.1	1229.0	1237.3
54	167	113	127	1248.3	1229.0	1237.5
54	168	114	127	1249.3	1230.7	1239.3
54	169	115	127	1250.1	1230.4	1239.3
54	170	116	127	1250.7	1231.9	1240.8
54	171	117	127	1251.2	1231.4	1240.5
54	172	118	127	1251.5	1232.6	1241.8
54	173	119	127	1251.7	1231.9	1241.4
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
55	110	55	129	910.4	874.2	878.0
55	111	56	129	921.2	889.7	893.0
55	112	57	129	931.8	902.5	905.5
55	113	58	129	942.2	917.2	919.8
55	114	59	129	952.5	929.2	931.6
55	115	60	129	962.6	943.1	945.2
55	116	61	129	972.6	954.4	956.3

Supplementary file for Table-3

55	117	62	129	982.4	967.5	969.2
55	118	63	129	992.0	978.1	979.7
55	119	64	129	1001.4	990.5	991.9
55	120	65	129	1010.7	1000.4	1001.7
55	121	66	129	1019.9	1012.2	1013.3
55	122	67	129	1028.8	1021.4	1022.6
55	123	68	129	1037.6	1032.5	1033.5
55	124	69	129	1046.2	1041.1	1042.2
55	125	70	129	1054.7	1051.6	1052.6
55	126	71	129	1063.0	1059.7	1060.7
55	127	72	129	1071.1	1069.6	1070.6
55	128	73	129	1079.1	1077.1	1078.2
55	129	74	129	1086.9	1086.4	1087.5
55	130	75	129	1094.6	1093.3	1094.6
55	131	76	129	1102.0	1102.1	1103.4
55	132	77	129	1109.3	1108.6	1110.1
55	133	78	129	1116.5	1116.9	1118.4
55	134	79	129	1123.5	1122.8	1124.5
55	135	80	129	1130.3	1130.6	1132.4
55	136	81	129	1136.9	1136.1	1138.1
55	137	82	129	1143.4	1143.5	1145.5
55	138	83	129	1149.7	1148.5	1150.8
55	139	84	129	1155.9	1155.4	1157.8
55	140	85	129	1161.9	1160.1	1162.6
55	141	86	129	1167.7	1166.5	1169.2
55	142	87	129	1173.4	1170.7	1173.7
55	143	88	129	1178.8	1176.8	1179.8
55	144	89	129	1184.2	1180.6	1183.9
55	145	90	129	1189.3	1186.3	1189.7
55	146	91	129	1194.3	1189.7	1193.4
55	147	92	129	1199.2	1195.0	1198.8
55	148	93	129	1203.8	1198.1	1202.2
55	149	94	129	1208.4	1203.0	1207.2
55	150	95	129	1212.7	1205.8	1210.3
55	151	96	129	1216.9	1210.4	1215.0
55	152	97	129	1220.9	1212.8	1217.7
55	153	98	129	1224.7	1217.1	1222.0
55	154	99	129	1228.4	1219.2	1224.4
55	155	100	129	1231.9	1223.1	1228.4
55	156	101	129	1235.3	1224.9	1230.5
55	157	102	129	1238.5	1228.5	1234.3
55	158	103	129	1241.5	1230.0	1236.1
55	159	104	129	1244.4	1233.3	1239.5
55	160	105	129	1247.0	1234.6	1241.0
55	161	106	129	1249.6	1237.6	1244.1
55	162	107	129	1251.9	1238.6	1245.3
55	163	108	129	1254.1	1241.3	1248.2
55	164	109	129	1256.2	1242.1	1249.1
55	165	110	129	1258.1	1244.5	1251.7
55	166	111	129	1259.8	1245.0	1252.4
55	167	112	129	1261.3	1247.2	1254.7
55	168	113	129	1262.7	1247.4	1255.2
55	169	114	129	1263.9	1249.4	1257.2

Supplementary file for Table-3

55	170	115	129	1264.9	1249.4	1257.5
55	171	116	129	1265.8	1251.1	1259.2
55	172	117	129	1266.6	1250.9	1259.2
55	173	118	129	1267.1	1252.4	1260.8
55	174	119	129	1267.5	1252.0	1260.6
55	175	120	129	1267.7	1253.2	1261.9
55	176	121	129	1267.8	1252.6	1261.4
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
56	112	56	132	923.8	889.3	893.1
56	113	57	132	934.6	902.6	906.0
56	114	58	132	945.3	917.7	920.7
56	115	59	132	955.8	930.2	932.9
56	116	60	132	966.1	944.5	946.9
56	117	61	132	976.3	956.2	958.4
56	118	62	132	986.3	969.8	971.7
56	119	63	132	996.2	980.8	982.5
56	120	64	132	1005.9	993.7	995.1
56	121	65	132	1015.4	1004.0	1005.4
56	122	66	132	1024.8	1016.1	1017.3
56	123	67	132	1034.0	1025.8	1027.0
56	124	68	132	1043.1	1037.3	1038.3
56	125	69	132	1052.0	1046.3	1047.4
56	126	70	132	1060.7	1057.2	1058.1
56	127	71	132	1069.2	1065.6	1066.6
56	128	72	132	1077.6	1075.9	1076.8
56	129	73	132	1085.9	1083.8	1084.8
56	130	74	132	1094.0	1093.5	1094.4
56	131	75	132	1101.9	1100.8	1101.9
56	132	76	132	1109.6	1110.0	1111.1
56	133	77	132	1117.2	1116.8	1118.0
56	134	78	132	1124.7	1125.5	1126.7
56	135	79	132	1131.9	1131.8	1133.2
56	136	80	132	1139.1	1140.0	1141.4
56	137	81	132	1146.0	1145.8	1147.4
56	138	82	132	1152.8	1153.5	1155.2
56	139	83	132	1159.4	1158.9	1160.8
56	140	84	132	1165.9	1166.2	1168.1
56	141	85	132	1172.2	1171.2	1173.3
56	142	86	132	1178.3	1178.0	1180.2
56	143	87	132	1184.3	1182.5	1185.0
56	144	88	132	1190.1	1188.9	1191.4
56	145	89	132	1195.8	1193.1	1195.8
56	146	90	132	1201.3	1199.1	1201.9
56	147	91	132	1206.6	1202.9	1206.0
56	148	92	132	1211.8	1208.5	1211.6
56	149	93	132	1216.8	1211.9	1215.3
56	150	94	132	1221.7	1217.1	1220.7
56	151	95	132	1226.4	1220.2	1224.0
56	152	96	132	1230.9	1225.1	1229.0
56	153	97	132	1235.3	1227.8	1232.0
56	154	98	132	1239.5	1232.4	1236.6
56	155	99	132	1243.5	1234.8	1239.3
56	156	100	132	1247.4	1239.0	1243.6

Supplementary file for Table-3

56	157	101	132	1251.1	1241.1	1246.0
56	158	102	132	1254.7	1245.0	1250.0
56	159	103	132	1258.1	1246.9	1252.1
56	160	104	132	1261.3	1250.5	1255.8
56	161	105	132	1264.4	1252.0	1257.6
56	162	106	132	1267.3	1255.3	1261.0
56	163	107	132	1270.1	1256.6	1262.5
56	164	108	132	1272.7	1259.6	1265.6
56	165	109	132	1275.1	1260.6	1266.8
56	166	110	132	1277.4	1263.3	1269.6
56	167	111	132	1279.5	1264.1	1270.6
56	168	112	132	1281.5	1266.5	1273.2
56	169	113	132	1283.3	1267.0	1273.9
56	170	114	132	1284.9	1269.3	1276.2
56	171	115	132	1286.4	1269.5	1276.7
56	172	116	132	1287.7	1271.5	1278.7
56	173	117	132	1288.8	1271.6	1279.0
56	174	118	132	1289.8	1273.3	1280.8
56	175	119	132	1290.6	1273.1	1280.8
56	176	120	132	1291.3	1274.6	1282.3
56	177	121	132	1291.8	1274.2	1282.1
56	178	122	132	1292.1	1275.5	1283.5
56	179	123	132	1292.3	1274.9	1283.0
56	180	124	132	1292.4	1276.0	1284.1
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
57	114	57	135	937.1	899.8	903.9
57	115	58	135	947.9	915.4	918.9
57	116	59	135	958.7	928.3	931.6
57	117	60	135	969.2	943.1	945.9
57	118	61	135	979.6	955.2	957.9
57	119	62	135	989.9	969.2	971.5
57	120	63	135	999.9	980.7	982.8
57	121	64	135	1009.9	993.9	995.8
57	122	65	135	1019.6	1004.7	1006.4
57	123	66	135	1029.2	1017.2	1018.7
57	124	67	135	1038.7	1027.3	1028.8
57	125	68	135	1048.0	1039.2	1040.5
57	126	69	135	1057.1	1048.7	1049.9
57	127	70	135	1066.1	1060.0	1061.0
57	128	71	135	1074.9	1068.8	1069.9
57	129	72	135	1083.6	1079.5	1080.5
57	130	73	135	1092.1	1087.7	1088.8
57	131	74	135	1100.4	1097.8	1098.8
57	132	75	135	1108.6	1105.6	1106.7
57	133	76	135	1116.6	1115.1	1116.2
57	134	77	135	1124.5	1122.3	1123.5
57	135	78	135	1132.2	1131.4	1132.5
57	136	79	135	1139.8	1138.1	1139.4
57	137	80	135	1147.2	1146.6	1147.9
57	138	81	135	1154.4	1152.8	1154.3
57	139	82	135	1161.5	1160.9	1162.3
57	140	83	135	1168.4	1166.6	1168.3
57	141	84	135	1175.2	1174.2	1175.9

Supplementary file for Table-3

57	142	85	135	1181.8	1179.6	1181.5
57	143	86	135	1188.2	1186.7	1188.6
57	144	87	135	1194.5	1191.6	1193.8
57	145	88	135	1200.6	1198.3	1200.6
57	146	89	135	1206.6	1202.9	1205.3
57	147	90	135	1212.4	1209.2	1211.7
57	148	91	135	1218.1	1213.3	1216.1
57	149	92	135	1223.6	1219.2	1222.0
57	150	93	135	1228.9	1223.0	1226.1
57	151	94	135	1234.1	1228.6	1231.7
57	152	95	135	1239.1	1232.0	1235.3
57	153	96	135	1244.0	1237.2	1240.6
57	154	97	135	1248.7	1240.2	1243.9
57	155	98	135	1253.2	1245.1	1248.8
57	156	99	135	1257.6	1247.8	1251.8
57	157	100	135	1261.9	1252.3	1256.4
57	158	101	135	1266.0	1254.8	1259.1
57	159	102	135	1269.9	1259.0	1263.4
57	160	103	135	1273.6	1261.1	1265.8
57	161	104	135	1277.2	1265.0	1269.7
57	162	105	135	1280.7	1266.8	1271.8
57	163	106	135	1284.0	1270.4	1275.5
57	164	107	135	1287.1	1271.9	1277.2
57	165	108	135	1290.1	1275.2	1280.6
57	166	109	135	1292.9	1276.5	1282.1
57	167	110	135	1295.6	1279.6	1285.2
57	168	111	135	1298.1	1280.6	1286.5
57	169	112	135	1300.4	1283.3	1289.3
57	170	113	135	1302.6	1284.1	1290.3
57	171	114	135	1304.6	1286.6	1292.8
57	172	115	135	1306.5	1287.1	1293.6
57	173	116	135	1308.2	1289.4	1295.9
57	174	117	135	1309.8	1289.7	1296.4
57	175	118	135	1311.2	1291.7	1298.4
57	176	119	135	1312.4	1291.8	1298.7
57	177	120	135	1313.5	1293.6	1300.5
57	178	121	135	1314.4	1293.4	1300.5
57	179	122	135	1315.2	1295.0	1302.1
57	180	123	135	1315.8	1294.6	1301.9
57	181	124	135	1316.2	1296.0	1303.3
57	182	125	135	1316.5	1295.4	1302.9
57	183	126	135	1316.7	1296.5	1304.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
58	116	58	138	950.2	914.6	918.7
58	117	59	138	961.1	928.0	931.7
58	118	60	138	971.9	943.2	946.4
58	119	61	138	982.5	955.8	958.8
58	120	62	138	993.0	970.2	972.8
58	121	63	138	1003.3	982.1	984.5
58	122	64	138	1013.4	995.8	997.8
58	123	65	138	1023.4	1006.9	1008.8
58	124	66	138	1033.2	1019.9	1021.5
58	125	67	138	1042.9	1030.4	1031.9

Supplementary file for Table-3

58	126	68	138	1052.4	1042.7	1044.0
58	127	69	138	1061.8	1052.5	1053.8
58	128	70	138	1071.0	1064.2	1065.3
58	129	71	138	1080.1	1073.4	1074.6
58	130	72	138	1089.0	1084.5	1085.5
58	131	73	138	1097.7	1093.2	1094.2
58	132	74	138	1106.3	1103.6	1104.5
58	133	75	138	1114.8	1111.7	1112.7
58	134	76	138	1123.0	1121.7	1122.6
58	135	77	138	1131.2	1129.2	1130.2
58	136	78	138	1139.2	1138.6	1139.6
58	137	79	138	1147.0	1145.7	1146.8
58	138	80	138	1154.6	1154.6	1155.6
58	139	81	138	1162.1	1161.2	1162.4
58	140	82	138	1169.5	1169.6	1170.8
58	141	83	138	1176.7	1175.7	1177.1
58	142	84	138	1183.7	1183.6	1185.0
58	143	85	138	1190.6	1189.3	1190.9
58	144	86	138	1197.4	1196.8	1198.4
58	145	87	138	1203.9	1202.1	1203.8
58	146	88	138	1210.4	1209.1	1210.9
58	147	89	138	1216.6	1214.0	1216.0
58	148	90	138	1222.8	1220.6	1222.6
58	149	91	138	1228.7	1225.1	1227.3
58	150	92	138	1234.5	1231.3	1233.6
58	151	93	138	1240.2	1235.4	1237.9
58	152	94	138	1245.7	1241.3	1243.8
58	153	95	138	1251.0	1245.0	1247.8
58	154	96	138	1256.2	1250.5	1253.4
58	155	97	138	1261.2	1253.9	1257.0
58	156	98	138	1266.1	1259.0	1262.2
58	157	99	138	1270.8	1262.1	1265.5
58	158	100	138	1275.4	1266.9	1270.3
58	159	101	138	1279.8	1269.6	1273.3
58	160	102	138	1284.1	1274.1	1277.9
58	161	103	138	1288.2	1276.5	1280.5
58	162	104	138	1292.1	1280.7	1284.7
58	163	105	138	1295.9	1282.8	1287.1
58	164	106	138	1299.6	1286.7	1291.0
58	165	107	138	1303.1	1288.5	1293.1
58	166	108	138	1306.4	1292.1	1296.7
58	167	109	138	1309.6	1293.7	1298.5
58	168	110	138	1312.6	1297.0	1301.9
58	169	111	138	1315.5	1298.3	1303.4
58	170	112	138	1318.2	1301.3	1306.5
58	171	113	138	1320.8	1302.3	1307.7
58	172	114	138	1323.2	1305.1	1310.5
58	173	115	138	1325.4	1305.9	1311.5
58	174	116	138	1327.5	1308.4	1314.1
58	175	117	138	1329.5	1309.0	1314.8
58	176	118	138	1331.3	1311.2	1317.1
58	177	119	138	1332.9	1311.6	1317.6
58	178	120	138	1334.4	1313.6	1319.7

Supplementary file for Table-3

58	179	121	138	1335.7	1313.7	1320.0
58	180	122	138	1336.9	1315.5	1321.8
58	181	123	138	1337.9	1315.4	1321.8
58	182	124	138	1338.8	1317.0	1323.4
58	183	125	138	1339.5	1316.7	1323.3
58	184	126	138	1340.0	1318.0	1324.6
58	185	127	138	1340.4	1317.5	1324.2
58	186	128	138	1340.7	1318.7	1325.4
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
59	118	59	140	966.2	924.9	929.2
59	119	60	140	977.1	940.5	944.4
59	120	61	140	987.8	953.6	957.1
59	121	62	140	998.3	968.4	971.5
59	122	63	140	1008.7	980.7	983.6
59	123	64	140	1018.9	994.8	997.3
59	124	65	140	1029.0	1006.4	1008.7
59	125	66	140	1038.9	1019.7	1021.8
59	126	67	140	1048.7	1030.7	1032.6
59	127	68	140	1058.3	1043.4	1045.0
59	128	69	140	1067.7	1053.6	1055.2
59	129	70	140	1077.1	1065.7	1067.1
59	130	71	140	1086.2	1075.3	1076.7
59	131	72	140	1095.2	1086.8	1087.9
59	132	73	140	1104.1	1095.8	1097.0
59	133	74	140	1112.8	1106.7	1107.7
59	134	75	140	1121.3	1115.2	1116.3
59	135	76	140	1129.7	1125.5	1126.5
59	136	77	140	1137.9	1133.4	1134.5
59	137	78	140	1146.0	1143.2	1144.2
59	138	79	140	1153.9	1150.6	1151.7
59	139	80	140	1161.7	1159.9	1160.9
59	140	81	140	1169.4	1166.8	1168.0
59	141	82	140	1176.8	1175.6	1176.7
59	142	83	140	1184.1	1182.1	1183.3
59	143	84	140	1191.3	1190.3	1191.6
59	144	85	140	1198.3	1196.4	1197.8
59	145	86	140	1205.2	1204.2	1205.6
59	146	87	140	1211.9	1209.8	1211.4
59	147	88	140	1218.5	1217.2	1218.8
59	148	89	140	1224.9	1222.4	1224.2
59	149	90	140	1231.1	1229.4	1231.2
59	150	91	140	1237.2	1234.2	1236.2
59	151	92	140	1243.2	1240.7	1242.8
59	152	93	140	1249.0	1245.2	1247.4
59	153	94	140	1254.6	1251.3	1253.6
59	154	95	140	1260.1	1255.4	1257.9
59	155	96	140	1265.4	1261.2	1263.7
59	156	97	140	1270.6	1264.9	1267.6
59	157	98	140	1275.6	1270.4	1273.1
59	158	99	140	1280.5	1273.7	1276.7
59	159	100	140	1285.2	1278.8	1281.9
59	160	101	140	1289.8	1281.9	1285.1
59	161	102	140	1294.2	1286.7	1290.0

Supplementary file for Table-3

59	162	103	140	1298.5	1289.4	1292.9
59	163	104	140	1302.6	1293.8	1297.4
59	164	105	140	1306.6	1296.3	1300.1
59	165	106	140	1310.4	1300.4	1304.3
59	166	107	140	1314.1	1302.6	1306.6
59	167	108	140	1317.6	1306.4	1310.5
59	168	109	140	1320.9	1308.3	1312.6
59	169	110	140	1324.1	1311.8	1316.2
59	170	111	140	1327.2	1313.4	1318.0
59	171	112	140	1330.1	1316.7	1321.3
59	172	113	140	1332.8	1318.0	1322.8
59	173	114	140	1335.4	1321.1	1325.9
59	174	115	140	1337.8	1322.1	1327.2
59	175	116	140	1340.1	1324.9	1330.0
59	176	117	140	1342.3	1325.8	1331.0
59	177	118	140	1344.2	1328.3	1333.5
59	178	119	140	1346.1	1328.9	1334.3
59	179	120	140	1347.8	1331.2	1336.6
59	180	121	140	1349.3	1331.5	1337.1
59	181	122	140	1350.7	1333.6	1339.2
59	182	123	140	1351.9	1333.7	1339.5
59	183	124	140	1352.9	1335.6	1341.3
59	184	125	140	1353.9	1335.5	1341.4
59	185	126	140	1354.6	1337.1	1343.0
59	186	127	140	1355.2	1336.8	1342.8
59	187	128	140	1355.7	1338.2	1344.2
59	188	129	140	1356.0	1337.8	1343.9
59	189	130	140	1356.2	1339.0	1345.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
60	120	60	143	979.2	939.4	943.7
60	121	61	143	990.1	952.9	956.9
60	122	62	143	1000.9	968.2	971.6
60	123	63	143	1011.4	980.9	984.1
60	124	64	143	1021.9	995.4	998.2
60	125	65	143	1032.1	1007.4	1010.0
60	126	66	143	1042.3	1021.1	1023.4
60	127	67	143	1052.2	1032.4	1034.6
60	128	68	143	1062.1	1045.5	1047.4
60	129	69	143	1071.7	1056.2	1057.9
60	130	70	143	1081.3	1068.6	1070.1
60	131	71	143	1090.7	1078.7	1080.1
60	132	72	143	1099.9	1090.5	1091.7
60	133	73	143	1109.0	1099.9	1101.2
60	134	74	143	1117.9	1111.2	1112.2
60	135	75	143	1126.7	1120.0	1121.1
60	136	76	143	1135.3	1130.7	1131.6
60	137	77	143	1143.8	1139.0	1140.0
60	138	78	143	1152.1	1149.2	1150.0
60	139	79	143	1160.3	1157.0	1157.9
60	140	80	143	1168.3	1166.6	1167.4
60	141	81	143	1176.2	1173.9	1174.9
60	142	82	143	1183.9	1183.0	1183.9
60	143	83	143	1191.5	1189.8	1190.9

Supplementary file for Table-3

60	144	84	143	1198.9	1198.4	1199.4
60	145	85	143	1206.2	1204.8	1206.0
60	146	86	143	1213.3	1213.0	1214.1
60	147	87	143	1220.3	1218.9	1220.2
60	148	88	143	1227.2	1226.6	1227.9
60	149	89	143	1233.8	1232.2	1233.6
60	150	90	143	1240.4	1239.5	1240.9
60	151	91	143	1246.8	1244.6	1246.2
60	152	92	143	1253.0	1251.5	1253.1
60	153	93	143	1259.1	1256.2	1258.0
60	154	94	143	1265.0	1262.7	1264.5
60	155	95	143	1270.8	1267.1	1269.1
60	156	96	143	1276.4	1273.2	1275.2
60	157	97	143	1281.9	1277.2	1279.5
60	158	98	143	1287.2	1283.0	1285.2
60	159	99	143	1292.4	1286.6	1289.1
60	160	100	143	1297.5	1292.0	1294.6
60	161	101	143	1302.3	1295.4	1298.1
60	162	102	143	1307.1	1300.4	1303.2
60	163	103	143	1311.7	1303.5	1306.4
60	164	104	143	1316.1	1308.2	1311.2
60	165	105	143	1320.4	1310.9	1314.1
60	166	106	143	1324.5	1315.4	1318.6
60	167	107	143	1328.5	1317.8	1321.2
60	168	108	143	1332.4	1321.9	1325.4
60	169	109	143	1336.1	1324.1	1327.7
60	170	110	143	1339.6	1327.9	1331.6
60	171	111	143	1343.0	1329.8	1333.6
60	172	112	143	1346.2	1333.3	1337.2
60	173	113	143	1349.3	1334.9	1339.0
60	174	114	143	1352.3	1338.2	1342.3
60	175	115	143	1355.1	1339.6	1343.8
60	176	116	143	1357.7	1342.6	1346.9
60	177	117	143	1360.2	1343.7	1348.2
60	178	118	143	1362.5	1346.5	1350.9
60	179	119	143	1364.7	1347.3	1352.0
60	180	120	143	1366.8	1349.8	1354.5
60	181	121	143	1368.7	1350.5	1355.3
60	182	122	143	1370.4	1352.8	1357.6
60	183	123	143	1372.0	1353.2	1358.1
60	184	124	143	1373.5	1355.2	1360.2
60	185	125	143	1374.8	1355.4	1360.5
60	186	126	143	1376.0	1357.3	1362.3
60	187	127	143	1377.0	1357.3	1362.4
60	188	128	143	1377.8	1358.9	1364.0
60	189	129	143	1378.5	1358.7	1363.9
60	190	130	143	1379.1	1360.1	1365.3
60	191	131	143	1379.5	1359.7	1365.0
60	192	132	143	1379.7	1360.9	1366.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
61	122	61	146	992.1	949.5	954.1
61	123	62	146	1003.0	965.1	969.2
61	124	63	146	1013.8	978.3	982.1

Supplementary file for Table-3

61	125	64	146	1024.4	993.2	996.5
61	126	65	146	1034.9	1005.6	1008.7
61	127	66	146	1045.2	1019.8	1022.5
61	128	67	146	1055.4	1031.5	1034.1
61	129	68	146	1065.4	1045.0	1047.2
61	130	69	146	1075.3	1056.1	1058.2
61	131	70	146	1085.1	1068.9	1070.7
61	132	71	146	1094.7	1079.3	1081.1
61	133	72	146	1104.1	1091.5	1093.1
61	134	73	146	1113.4	1101.4	1102.8
61	135	74	146	1122.6	1113.0	1114.3
61	136	75	146	1131.6	1122.2	1123.5
61	137	76	146	1140.4	1133.3	1134.4
61	138	77	146	1149.1	1142.0	1143.1
61	139	78	146	1157.7	1152.4	1153.4
61	140	79	146	1166.1	1160.6	1161.7
61	141	80	146	1174.4	1170.6	1171.5
61	142	81	146	1182.5	1178.3	1179.3
61	143	82	146	1190.5	1187.7	1188.7
61	144	83	146	1198.3	1194.9	1195.9
61	145	84	146	1206.0	1203.9	1204.8
61	146	85	146	1213.5	1210.6	1211.7
61	147	86	146	1220.9	1219.1	1220.2
61	148	87	146	1228.1	1225.4	1226.6
61	149	88	146	1235.2	1233.4	1234.6
61	150	89	146	1242.2	1239.3	1240.6
61	151	90	146	1249.0	1246.9	1248.2
61	152	91	146	1255.6	1252.4	1253.8
61	153	92	146	1262.1	1259.6	1261.0
61	154	93	146	1268.5	1264.7	1266.3
61	155	94	146	1274.7	1271.5	1273.1
61	156	95	146	1280.8	1276.2	1278.0
61	157	96	146	1286.7	1282.6	1284.4
61	158	97	146	1292.5	1286.9	1288.9
61	159	98	146	1298.1	1293.0	1295.0
61	160	99	146	1303.6	1297.0	1299.1
61	161	100	146	1308.9	1302.7	1304.9
61	162	101	146	1314.1	1306.3	1308.7
61	163	102	146	1319.1	1311.7	1314.1
61	164	103	146	1324.0	1315.0	1317.6
61	165	104	146	1328.7	1320.1	1322.7
61	166	105	146	1333.3	1323.1	1325.9
61	167	106	146	1337.8	1327.8	1330.6
61	168	107	146	1342.1	1330.5	1333.5
61	169	108	146	1346.3	1334.9	1337.9
61	170	109	146	1350.3	1337.3	1340.5
61	171	110	146	1354.1	1341.5	1344.7
61	172	111	146	1357.9	1343.6	1347.0
61	173	112	146	1361.4	1347.4	1350.9
61	174	113	146	1364.9	1349.3	1352.9
61	175	114	146	1368.1	1352.9	1356.5
61	176	115	146	1371.3	1354.5	1358.3
61	177	116	146	1374.3	1357.8	1361.6

Supplementary file for Table-3

61	178	117	146	1377.1	1359.1	1363.1
61	179	118	146	1379.8	1362.2	1366.1
61	180	119	146	1382.3	1363.3	1367.4
61	181	120	146	1384.7	1366.1	1370.2
61	182	121	146	1387.0	1367.0	1371.2
61	183	122	146	1389.1	1369.5	1373.7
61	184	123	146	1391.1	1370.2	1374.5
61	185	124	146	1392.9	1372.5	1376.8
61	186	125	146	1394.6	1372.9	1377.4
61	187	126	146	1396.1	1375.0	1379.5
61	188	127	146	1397.5	1375.3	1379.8
61	189	128	146	1398.7	1377.1	1381.6
61	190	129	146	1399.8	1377.1	1381.8
61	191	130	146	1400.7	1378.8	1383.4
61	192	131	146	1401.5	1378.6	1383.3
61	193	132	146	1402.2	1380.1	1384.7
61	194	133	146	1402.7	1379.7	1384.4
61	195	134	146	1403.0	1381.0	1385.6
61	196	135	146	1403.2	1380.4	1385.1
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
62	124	62	149	1004.9	963.7	968.2
62	125	63	149	1015.9	977.2	981.5
62	126	64	149	1026.7	992.6	996.3
62	127	65	149	1037.3	1005.4	1008.9
62	128	66	149	1047.8	1020.0	1023.0
62	129	67	149	1058.2	1032.1	1034.9
62	130	68	149	1068.4	1046.0	1048.5
62	131	69	149	1078.5	1057.4	1059.8
62	132	70	149	1088.5	1070.6	1072.7
62	133	71	149	1098.3	1081.4	1083.4
62	134	72	149	1107.9	1094.0	1095.7
62	135	73	149	1117.4	1104.2	1105.8
62	136	74	149	1126.8	1116.2	1117.6
62	137	75	149	1136.0	1125.8	1127.2
62	138	76	149	1145.1	1137.2	1138.4
62	139	77	149	1154.0	1146.3	1147.5
62	140	78	149	1162.8	1157.1	1158.1
62	141	79	149	1171.4	1165.7	1166.7
62	142	80	149	1179.9	1176.0	1176.9
62	143	81	149	1188.3	1184.0	1185.0
62	144	82	149	1196.5	1193.8	1194.7
62	145	83	149	1204.5	1201.4	1202.3
62	146	84	149	1212.5	1210.7	1211.5
62	147	85	149	1220.2	1217.7	1218.7
62	148	86	149	1227.9	1226.6	1227.4
62	149	87	149	1235.4	1233.2	1234.2
62	150	88	149	1242.7	1241.6	1242.5
62	151	89	149	1249.9	1247.8	1248.8
62	152	90	149	1256.9	1255.7	1256.7
62	153	91	149	1263.9	1261.5	1262.7
62	154	92	149	1270.6	1269.0	1270.2
62	155	93	149	1277.2	1274.4	1275.7
62	156	94	149	1283.7	1281.5	1282.8

Supplementary file for Table-3

62	157	95	149	1290.1	1286.5	1288.0
62	158	96	149	1296.2	1293.3	1294.7
62	159	97	149	1302.3	1297.9	1299.5
62	160	98	149	1308.2	1304.3	1305.9
62	161	99	149	1314.0	1308.6	1310.3
62	162	100	149	1319.6	1314.6	1316.3
62	163	101	149	1325.0	1318.5	1320.4
62	164	102	149	1330.4	1324.2	1326.1
62	165	103	149	1335.6	1327.8	1329.9
62	166	104	149	1340.6	1333.1	1335.2
62	167	105	149	1345.5	1336.4	1338.7
62	168	106	149	1350.2	1341.4	1343.7
62	169	107	149	1354.8	1344.4	1346.9
62	170	108	149	1359.3	1349.1	1351.6
62	171	109	149	1363.6	1351.8	1354.5
62	172	110	149	1367.8	1356.2	1358.9
62	173	111	149	1371.8	1358.6	1361.4
62	174	112	149	1375.7	1362.7	1365.6
62	175	113	149	1379.5	1364.9	1367.9
62	176	114	149	1383.1	1368.7	1371.7
62	177	115	149	1386.5	1370.6	1373.7
62	178	116	149	1389.8	1374.1	1377.3
62	179	117	149	1393.0	1375.8	1379.0
62	180	118	149	1396.0	1379.0	1382.3
62	181	119	149	1398.9	1380.4	1383.9
62	182	120	149	1401.7	1383.5	1386.9
62	183	121	149	1404.3	1384.6	1388.2
62	184	122	149	1406.7	1387.4	1390.9
62	185	123	149	1409.0	1388.3	1392.0
62	186	124	149	1411.2	1390.9	1394.5
62	187	125	149	1413.2	1391.6	1395.3
62	188	126	149	1415.1	1393.9	1397.6
62	189	127	149	1416.8	1394.4	1398.2
62	190	128	149	1418.4	1396.5	1400.2
62	191	129	149	1419.9	1396.7	1400.6
62	192	130	149	1421.2	1398.6	1402.4
62	193	131	149	1422.3	1398.7	1402.6
62	194	132	149	1423.3	1400.4	1404.2
62	195	133	149	1424.2	1400.2	1404.2
62	196	134	149	1424.9	1401.7	1405.6
62	197	135	149	1425.5	1401.4	1405.3
62	198	136	149	1426.0	1402.7	1406.5
62	199	137	149	1426.3	1402.1	1406.1
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
63	126	63	152	1017.6	973.5	978.4
63	127	64	152	1028.6	989.2	993.6
63	128	65	152	1039.4	1002.4	1006.5
63	129	66	152	1050.1	1017.4	1021.0
63	130	67	152	1060.7	1029.9	1033.3
63	131	68	152	1071.1	1044.2	1047.2
63	132	69	152	1081.3	1056.1	1058.9
63	133	70	152	1091.5	1069.7	1072.1
63	134	71	152	1101.5	1080.9	1083.2

Supplementary file for Table-3

63	135	72	152	1111.3	1093.9	1095.9
63	136	73	152	1121.0	1104.4	1106.4
63	137	74	152	1130.6	1116.8	1118.5
63	138	75	152	1140.0	1126.8	1128.4
63	139	76	152	1149.3	1138.6	1140.0
63	140	77	152	1158.4	1148.0	1149.4
63	141	78	152	1167.4	1159.2	1160.4
63	142	79	152	1176.3	1168.1	1169.3
63	143	80	152	1185.0	1178.8	1179.8
63	144	81	152	1193.6	1187.2	1188.2
63	145	82	152	1202.0	1197.3	1198.3
63	146	83	152	1210.3	1205.2	1206.2
63	147	84	152	1218.4	1214.9	1215.7
63	148	85	152	1226.4	1222.3	1223.2
63	149	86	152	1234.3	1231.4	1232.3
63	150	87	152	1242.0	1238.4	1239.4
63	151	88	152	1249.6	1247.1	1248.0
63	152	89	152	1257.0	1253.7	1254.7
63	153	90	152	1264.3	1261.9	1262.9
63	154	91	152	1271.5	1268.1	1269.1
63	155	92	152	1278.5	1275.9	1276.9
63	156	93	152	1285.4	1281.6	1282.8
63	157	94	152	1292.1	1289.1	1290.2
63	158	95	152	1298.7	1294.4	1295.6
63	159	96	152	1305.2	1301.4	1302.7
63	160	97	152	1311.5	1306.4	1307.8
63	161	98	152	1317.6	1313.0	1314.4
63	162	99	152	1323.7	1317.6	1319.2
63	163	100	152	1329.6	1323.9	1325.5
63	164	101	152	1335.3	1328.2	1329.9
63	165	102	152	1340.9	1334.1	1335.8
63	166	103	152	1346.4	1338.1	1339.9
63	167	104	152	1351.7	1343.7	1345.5
63	168	105	152	1356.9	1347.3	1349.2
63	169	106	152	1361.9	1352.6	1354.5
63	170	107	152	1366.8	1355.9	1358.0
63	171	108	152	1371.6	1360.8	1362.9
63	172	109	152	1376.2	1363.8	1366.1
63	173	110	152	1380.6	1368.5	1370.8
63	174	111	152	1385.0	1371.2	1373.6
63	175	112	152	1389.2	1375.6	1378.0
63	176	113	152	1393.2	1378.0	1380.5
63	177	114	152	1397.1	1382.1	1384.6
63	178	115	152	1400.9	1384.2	1386.9
63	179	116	152	1404.5	1388.0	1390.7
63	180	117	152	1408.0	1389.9	1392.8
63	181	118	152	1411.3	1393.5	1396.3
63	182	119	152	1414.5	1395.1	1398.1
63	183	120	152	1417.6	1398.4	1401.4
63	184	121	152	1420.5	1399.8	1402.9
63	185	122	152	1423.3	1402.9	1405.9
63	186	123	152	1426.0	1404.0	1407.2
63	187	124	152	1428.5	1406.8	1409.9

Supplementary file for Table-3

63	188	125	152	1430.8	1407.8	1411.0
63	189	126	152	1433.0	1410.3	1413.5
63	190	127	152	1435.1	1411.1	1414.3
63	191	128	152	1437.0	1413.4	1416.6
63	192	129	152	1438.8	1413.9	1417.2
63	193	130	152	1440.5	1416.0	1419.3
63	194	131	152	1442.0	1416.3	1419.7
63	195	132	152	1443.4	1418.3	1421.5
63	196	133	152	1444.6	1418.4	1421.7
63	197	134	152	1445.7	1420.1	1423.3
63	198	135	152	1446.6	1420.0	1423.3
63	199	136	152	1447.5	1421.5	1424.7
63	200	137	152	1448.1	1421.2	1424.5
63	201	138	152	1448.7	1422.5	1425.7
63	202	139	152	1449.0	1422.0	1425.3
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
64	128	64	154	1033.3	987.4	992.2
64	129	65	154	1044.2	1001.1	1005.5
64	130	66	154	1055.0	1016.4	1020.4
64	131	67	154	1065.6	1029.3	1033.1
64	132	68	154	1076.1	1044.0	1047.3
64	133	69	154	1086.4	1056.2	1059.4
64	134	70	154	1096.6	1070.2	1073.0
64	135	71	154	1106.7	1081.8	1084.4
64	136	72	154	1116.6	1095.1	1097.4
64	137	73	154	1126.4	1106.1	1108.2
64	138	74	154	1136.0	1118.8	1120.7
64	139	75	154	1145.5	1129.2	1131.0
64	140	76	154	1154.9	1141.3	1142.9
64	141	77	154	1164.1	1151.1	1152.6
64	142	78	154	1173.2	1162.7	1164.0
64	143	79	154	1182.1	1172.0	1173.2
64	144	80	154	1190.9	1183.0	1184.0
64	145	81	154	1199.6	1191.7	1192.8
64	146	82	154	1208.1	1202.2	1203.1
64	147	83	154	1216.5	1210.4	1211.4
64	148	84	154	1224.7	1220.4	1221.2
64	149	85	154	1232.8	1228.2	1229.1
64	150	86	154	1240.8	1237.7	1238.4
64	151	87	154	1248.6	1245.0	1245.8
64	152	88	154	1256.3	1254.0	1254.8
64	153	89	154	1263.8	1260.9	1261.7
64	154	90	154	1271.2	1269.5	1270.2
64	155	91	154	1278.5	1275.9	1276.8
64	156	92	154	1285.6	1284.1	1284.9
64	157	93	154	1292.6	1290.1	1291.0
64	158	94	154	1299.5	1297.9	1298.7
64	159	95	154	1306.2	1303.5	1304.5
64	160	96	154	1312.7	1310.8	1311.8
64	161	97	154	1319.2	1316.1	1317.2
64	162	98	154	1325.4	1323.1	1324.1
64	163	99	154	1331.6	1328.0	1329.1
64	164	100	154	1337.6	1334.6	1335.7

Supplementary file for Table-3

64	165	101	154	1343.5	1339.1	1340.4
64	166	102	154	1349.2	1345.4	1346.6
64	167	103	154	1354.8	1349.6	1351.0
64	168	104	154	1360.2	1355.5	1356.9
64	169	105	154	1365.5	1359.4	1360.9
64	170	106	154	1370.7	1364.9	1366.5
64	171	107	154	1375.7	1368.5	1370.2
64	172	108	154	1380.6	1373.7	1375.4
64	173	109	154	1385.4	1377.0	1378.8
64	174	110	154	1390.0	1382.0	1383.7
64	175	111	154	1394.4	1384.9	1386.8
64	176	112	154	1398.8	1389.6	1391.5
64	177	113	154	1403.0	1392.3	1394.3
64	178	114	154	1407.0	1396.6	1398.6
64	179	115	154	1410.9	1399.0	1401.2
64	180	116	154	1414.7	1403.1	1405.3
64	181	117	154	1418.4	1405.3	1407.5
64	182	118	154	1421.8	1409.1	1411.3
64	183	119	154	1425.2	1411.0	1413.3
64	184	120	154	1428.4	1414.5	1416.9
64	185	121	154	1431.5	1416.2	1418.6
64	186	122	154	1434.4	1419.5	1421.9
64	187	123	154	1437.2	1420.9	1423.4
64	188	124	154	1439.9	1423.9	1426.4
64	189	125	154	1442.4	1425.1	1427.7
64	190	126	154	1444.8	1427.9	1430.5
64	191	127	154	1447.0	1428.9	1431.5
64	192	128	154	1449.1	1431.5	1434.0
64	193	129	154	1451.1	1432.2	1434.9
64	194	130	154	1452.9	1434.6	1437.2
64	195	131	154	1454.6	1435.1	1437.8
64	196	132	154	1456.2	1437.3	1439.9
64	197	133	154	1457.6	1437.6	1440.2
64	198	134	154	1458.8	1439.5	1442.1
64	199	135	154	1460.0	1439.6	1442.3
64	200	136	154	1461.0	1441.4	1443.9
64	201	137	154	1461.8	1441.3	1443.9
64	202	138	154	1462.5	1442.9	1445.4
64	203	139	154	1463.1	1442.6	1445.2
64	204	140	154	1463.5	1444.0	1446.4
64	205	141	154	1463.8	1443.5	1446.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
65	130	65	157	1045.8	997.0	1002.1
65	131	66	157	1056.8	1012.8	1017.4
65	132	67	157	1067.6	1026.1	1030.4
65	133	68	157	1078.2	1041.1	1045.0
65	134	69	157	1088.7	1053.8	1057.4
65	135	70	157	1099.1	1068.1	1071.4
65	136	71	157	1109.4	1080.1	1083.1
65	137	72	157	1119.5	1093.8	1096.5
65	138	73	157	1129.4	1105.2	1107.7
65	139	74	157	1139.2	1118.2	1120.5
65	140	75	157	1148.9	1129.0	1131.1

Supplementary file for Table-3

65	141	76	157	1158.5	1141.5	1143.3
65	142	77	157	1167.9	1151.7	1153.4
65	143	78	157	1177.2	1163.6	1165.1
65	144	79	157	1186.3	1173.2	1174.7
65	145	80	157	1195.3	1184.5	1185.8
65	146	81	157	1204.2	1193.7	1194.9
65	147	82	157	1212.9	1204.5	1205.6
65	148	83	157	1221.5	1213.1	1214.2
65	149	84	157	1230.0	1223.4	1224.4
65	150	85	157	1238.3	1231.5	1232.5
65	151	86	157	1246.5	1241.3	1242.2
65	152	87	157	1254.5	1249.0	1249.9
65	153	88	157	1262.4	1258.4	1259.2
65	154	89	157	1270.2	1265.6	1266.4
65	155	90	157	1277.8	1274.5	1275.2
65	156	91	157	1285.3	1281.2	1282.1
65	157	92	157	1292.7	1289.7	1290.5
65	158	93	157	1299.9	1296.1	1296.9
65	159	94	157	1307.0	1304.1	1304.9
65	160	95	157	1313.9	1310.1	1311.0
65	161	96	157	1320.7	1317.8	1318.6
65	162	97	157	1327.4	1323.3	1324.3
65	163	98	157	1333.9	1330.6	1331.5
65	164	99	157	1340.3	1335.8	1336.8
65	165	100	157	1346.6	1342.7	1343.7
65	166	101	157	1352.7	1347.6	1348.7
65	167	102	157	1358.7	1354.1	1355.2
65	168	103	157	1364.5	1358.6	1359.8
65	169	104	157	1370.2	1364.8	1366.0
65	170	105	157	1375.8	1369.0	1370.3
65	171	106	157	1381.3	1374.8	1376.1
65	172	107	157	1386.6	1378.7	1380.1
65	173	108	157	1391.7	1384.2	1385.6
65	174	109	157	1396.7	1387.8	1389.3
65	175	110	157	1401.6	1393.0	1394.5
65	176	111	157	1406.4	1396.2	1397.8
65	177	112	157	1411.0	1401.2	1402.7
65	178	113	157	1415.5	1404.1	1405.8
65	179	114	157	1419.8	1408.7	1410.4
65	180	115	157	1424.0	1411.4	1413.2
65	181	116	157	1428.1	1415.8	1417.5
65	182	117	157	1432.0	1418.2	1420.1
65	183	118	157	1435.8	1422.3	1424.1
65	184	119	157	1439.5	1424.4	1426.4
65	185	120	157	1443.0	1428.2	1430.2
65	186	121	157	1446.4	1430.1	1432.2
65	187	122	157	1449.6	1433.7	1435.7
65	188	123	157	1452.7	1435.4	1437.4
65	189	124	157	1455.7	1438.6	1440.7
65	190	125	157	1458.5	1440.1	1442.2
65	191	126	157	1461.2	1443.1	1445.2
65	192	127	157	1463.8	1444.3	1446.5
65	193	128	157	1466.2	1447.2	1449.3

Supplementary file for Table-3

65	194	129	157	1468.5	1448.2	1450.3
65	195	130	157	1470.7	1450.8	1452.9
65	196	131	157	1472.7	1451.5	1453.7
65	197	132	157	1474.6	1453.9	1456.0
65	198	133	157	1476.3	1454.5	1456.6
65	199	134	157	1477.9	1456.6	1458.7
65	200	135	157	1479.4	1457.0	1459.1
65	201	136	157	1480.7	1459.0	1461.0
65	202	137	157	1481.9	1459.1	1461.2
65	203	138	157	1483.0	1460.9	1462.9
65	204	139	157	1483.9	1460.9	1462.9
65	205	140	157	1484.7	1462.4	1464.3
65	206	141	157	1485.3	1462.2	1464.1
65	207	142	157	1485.8	1463.6	1465.4
65	208	143	157	1486.2	1463.2	1465.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
66	132	66	160	1058.3	1010.6	1015.7
66	133	67	160	1069.2	1024.3	1029.1
66	134	68	160	1080.0	1039.8	1044.0
66	135	69	160	1090.7	1052.8	1056.8
66	136	70	160	1101.3	1067.5	1071.1
66	137	71	160	1111.7	1079.9	1083.2
66	138	72	160	1122.0	1093.9	1096.9
66	139	73	160	1132.1	1105.7	1108.5
66	140	74	160	1142.1	1119.1	1121.6
66	141	75	160	1152.0	1130.2	1132.6
66	142	76	160	1161.7	1143.1	1145.1
66	143	77	160	1171.3	1153.6	1155.5
66	144	78	160	1180.8	1165.9	1167.5
66	145	79	160	1190.1	1175.8	1177.5
66	146	80	160	1199.3	1187.5	1188.9
66	147	81	160	1208.4	1197.0	1198.3
66	148	82	160	1217.3	1208.2	1209.3
66	149	83	160	1226.1	1217.1	1218.2
66	150	84	160	1234.8	1227.8	1228.7
66	151	85	160	1243.3	1236.2	1237.2
66	152	86	160	1251.7	1246.4	1247.2
66	153	87	160	1259.9	1254.3	1255.2
66	154	88	160	1268.1	1264.0	1264.8
66	155	89	160	1276.0	1271.6	1272.3
66	156	90	160	1283.9	1280.8	1281.5
66	157	91	160	1291.6	1287.9	1288.6
66	158	92	160	1299.2	1296.7	1297.3
66	159	93	160	1306.6	1303.3	1304.0
66	160	94	160	1313.9	1311.7	1312.3
66	161	95	160	1321.1	1318.0	1318.7
66	162	96	160	1328.2	1325.9	1326.6
66	163	97	160	1335.1	1331.8	1332.6
66	164	98	160	1341.8	1339.4	1340.1
66	165	99	160	1348.5	1344.9	1345.7
66	166	100	160	1355.0	1352.1	1352.8
66	167	101	160	1361.3	1357.2	1358.1
66	168	102	160	1367.6	1364.1	1364.8

Supplementary file for Table-3

66	169	103	160	1373.7	1368.9	1369.8
66	170	104	160	1379.6	1375.3	1376.2
66	171	105	160	1385.5	1379.8	1380.8
66	172	106	160	1391.1	1385.9	1386.9
66	173	107	160	1396.7	1390.1	1391.1
66	174	108	160	1402.1	1395.9	1396.9
66	175	109	160	1407.4	1399.7	1400.8
66	176	110	160	1412.6	1405.2	1406.3
66	177	111	160	1417.6	1408.7	1409.9
66	178	112	160	1422.5	1413.9	1415.1
66	179	113	160	1427.2	1417.2	1418.4
66	180	114	160	1431.8	1422.0	1423.3
66	181	115	160	1436.3	1425.0	1426.3
66	182	116	160	1440.7	1429.6	1430.9
66	183	117	160	1444.9	1432.3	1433.7
66	184	118	160	1449.0	1436.6	1438.0
66	185	119	160	1452.9	1439.0	1440.5
66	186	120	160	1456.7	1443.1	1444.5
66	187	121	160	1460.4	1445.2	1446.8
66	188	122	160	1463.9	1449.0	1450.5
66	189	123	160	1467.3	1451.0	1452.5
66	190	124	160	1470.6	1454.5	1456.0
66	191	125	160	1473.7	1456.2	1457.8
66	192	126	160	1476.7	1459.5	1461.0
66	193	127	160	1479.6	1460.9	1462.5
66	194	128	160	1482.3	1464.0	1465.5
66	195	129	160	1484.9	1465.2	1466.8
66	196	130	160	1487.4	1468.0	1469.6
66	197	131	160	1489.7	1469.0	1470.6
66	198	132	160	1491.9	1471.7	1473.2
66	199	133	160	1494.0	1472.5	1474.0
66	200	134	160	1495.9	1474.8	1476.3
66	201	135	160	1497.7	1475.4	1476.9
66	202	136	160	1499.4	1477.6	1479.0
66	203	137	160	1500.9	1478.0	1479.5
66	204	138	160	1502.3	1480.0	1481.3
66	205	139	160	1503.6	1480.2	1481.5
66	206	140	160	1504.7	1482.0	1483.2
66	207	141	160	1505.7	1482.0	1483.2
66	208	142	160	1506.5	1483.6	1484.7
66	209	143	160	1507.3	1483.4	1484.5
66	210	144	160	1507.8	1484.8	1485.8
66	211	145	160	1508.3	1484.5	1485.5
66	212	146	160	1508.6	1485.7	1486.5
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
67	134	67	163	1070.6	1020.0	1025.4
67	135	68	163	1081.6	1035.8	1040.7
67	136	69	163	1092.4	1049.2	1053.8
67	137	70	163	1103.1	1064.3	1068.4
67	138	71	163	1113.7	1077.0	1080.9
67	139	72	163	1124.1	1091.5	1095.0
67	140	73	163	1134.5	1103.6	1106.8
67	141	74	163	1144.6	1117.4	1120.3

Supplementary file for Table-3

67	142	75	163	1154.7	1128.9	1131.6
67	143	76	163	1164.6	1142.1	1144.5
67	144	77	163	1174.4	1153.0	1155.3
67	145	78	163	1184.0	1165.6	1167.6
67	146	79	163	1193.5	1175.9	1177.9
67	147	80	163	1202.9	1188.0	1189.7
67	148	81	163	1212.2	1197.8	1199.4
67	149	82	163	1221.3	1209.3	1210.7
67	150	83	163	1230.3	1218.6	1219.9
67	151	84	163	1239.1	1229.6	1230.7
67	152	85	163	1247.9	1238.4	1239.5
67	153	86	163	1256.5	1248.9	1249.8
67	154	87	163	1264.9	1257.2	1258.2
67	155	88	163	1273.2	1267.2	1268.0
67	156	89	163	1281.4	1275.0	1275.9
67	157	90	163	1289.5	1284.6	1285.3
67	158	91	163	1297.4	1292.0	1292.8
67	159	92	163	1305.2	1301.1	1301.8
67	160	93	163	1312.9	1308.1	1308.8
67	161	94	163	1320.4	1316.8	1317.4
67	162	95	163	1327.8	1323.4	1324.1
67	163	96	163	1335.1	1331.7	1332.3
67	164	97	163	1342.2	1337.8	1338.5
67	165	98	163	1349.2	1345.7	1346.3
67	166	99	163	1356.1	1351.5	1352.2
67	167	100	163	1362.8	1359.0	1359.7
67	168	101	163	1369.4	1364.5	1365.2
67	169	102	163	1375.9	1371.6	1372.2
67	170	103	163	1382.2	1376.7	1377.4
67	171	104	163	1388.4	1383.4	1384.1
67	172	105	163	1394.5	1388.2	1389.0
67	173	106	163	1400.4	1394.6	1395.4
67	174	107	163	1406.2	1399.1	1399.9
67	175	108	163	1411.9	1405.1	1405.9
67	176	109	163	1417.4	1409.3	1410.2
67	177	110	163	1422.8	1415.0	1415.9
67	178	111	163	1428.1	1418.8	1419.8
67	179	112	163	1433.3	1424.3	1425.2
67	180	113	163	1438.3	1427.8	1428.8
67	181	114	163	1443.1	1432.9	1433.9
67	182	115	163	1447.9	1436.2	1437.2
67	183	116	163	1452.5	1441.0	1442.0
67	184	117	163	1457.0	1444.0	1445.1
67	185	118	163	1461.3	1448.6	1449.6
67	186	119	163	1465.6	1451.2	1452.4
67	187	120	163	1469.7	1455.6	1456.6
67	188	121	163	1473.6	1458.0	1459.2
67	189	122	163	1477.4	1462.0	1463.1
67	190	123	163	1481.1	1464.2	1465.4
67	191	124	163	1484.7	1468.0	1469.1
67	192	125	163	1488.1	1469.9	1471.1
67	193	126	163	1491.4	1473.5	1474.6
67	194	127	163	1494.6	1475.2	1476.4

Supplementary file for Table-3

67	195	128	163	1497.6	1478.5	1479.6
67	196	129	163	1500.5	1479.9	1481.1
67	197	130	163	1503.3	1483.0	1484.1
67	198	131	163	1505.9	1484.2	1485.4
67	199	132	163	1508.4	1487.1	1488.2
67	200	133	163	1510.8	1488.1	1489.2
67	201	134	163	1513.0	1490.7	1491.8
67	202	135	163	1515.1	1491.6	1492.6
67	203	136	163	1517.1	1494.0	1494.9
67	204	137	163	1518.9	1494.6	1495.6
67	205	138	163	1520.6	1496.8	1497.7
67	206	139	163	1522.2	1497.2	1498.1
67	207	140	163	1523.7	1499.2	1500.0
67	208	141	163	1525.0	1499.5	1500.2
67	209	142	163	1526.2	1501.3	1501.9
67	210	143	163	1527.2	1501.3	1502.0
67	211	144	163	1528.1	1503.0	1503.5
67	212	145	163	1528.9	1502.8	1503.3
67	213	146	163	1529.6	1504.3	1504.6
67	214	147	163	1530.1	1504.0	1504.3
67	215	148	163	1530.5	1505.2	1505.4
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
68	136	68	166	1082.8	1033.3	1038.7
68	137	69	166	1093.8	1047.1	1052.1
68	138	70	166	1104.7	1062.6	1067.1
68	139	71	166	1115.4	1075.7	1079.9
68	140	72	166	1126.0	1090.5	1094.3
68	141	73	166	1136.5	1102.9	1106.6
68	142	74	166	1146.8	1117.1	1120.3
68	143	75	166	1157.0	1129.0	1132.0
68	144	76	166	1167.1	1142.5	1145.2
68	145	77	166	1177.1	1153.8	1156.3
68	146	78	166	1186.9	1166.7	1169.0
68	147	79	166	1196.6	1177.4	1179.5
68	148	80	166	1206.2	1189.8	1191.7
68	149	81	166	1215.6	1200.0	1201.7
68	150	82	166	1224.9	1211.8	1213.3
68	151	83	166	1234.1	1221.4	1222.9
68	152	84	166	1243.1	1232.8	1234.0
68	153	85	166	1252.0	1241.9	1243.1
68	154	86	166	1260.8	1252.7	1253.7
68	155	87	166	1269.5	1261.3	1262.4
68	156	88	166	1278.0	1271.7	1272.5
68	157	89	166	1286.4	1279.9	1280.7
68	158	90	166	1294.6	1289.7	1290.4
68	159	91	166	1302.8	1297.5	1298.2
68	160	92	166	1310.8	1306.9	1307.5
68	161	93	166	1318.6	1314.2	1314.8
68	162	94	166	1326.4	1323.2	1323.7
68	163	95	166	1334.0	1330.1	1330.7
68	164	96	166	1341.5	1338.6	1339.1
68	165	97	166	1348.8	1345.1	1345.7
68	166	98	166	1356.0	1353.3	1353.8

Supplementary file for Table-3

68	167	99	166	1363.1	1359.4	1359.9
68	168	100	166	1370.1	1367.2	1367.6
68	169	101	166	1376.9	1373.0	1373.5
68	170	102	166	1383.6	1380.4	1380.8
68	171	103	166	1390.1	1385.7	1386.3
68	172	104	166	1396.6	1392.8	1393.2
68	173	105	166	1402.9	1397.8	1398.4
68	174	106	166	1409.1	1404.5	1405.0
68	175	107	166	1415.1	1409.2	1409.8
68	176	108	166	1421.0	1415.6	1416.1
68	177	109	166	1426.8	1420.0	1420.6
68	178	110	166	1432.5	1426.0	1426.5
68	179	111	166	1438.0	1430.1	1430.7
68	180	112	166	1443.4	1435.8	1436.4
68	181	113	166	1448.6	1439.6	1440.3
68	182	114	166	1453.8	1445.0	1445.6
68	183	115	166	1458.8	1448.5	1449.2
68	184	116	166	1463.7	1453.6	1454.2
68	185	117	166	1468.4	1456.9	1457.5
68	186	118	166	1473.0	1461.7	1462.3
68	187	119	166	1477.5	1464.6	1465.3
68	188	120	166	1481.8	1469.2	1469.8
68	189	121	166	1486.1	1471.9	1472.6
68	190	122	166	1490.2	1476.2	1476.8
68	191	123	166	1494.1	1478.6	1479.3
68	192	124	166	1498.0	1482.6	1483.3
68	193	125	166	1501.7	1484.8	1485.5
68	194	126	166	1505.2	1488.6	1489.2
68	195	127	166	1508.7	1490.5	1491.2
68	196	128	166	1512.0	1494.1	1494.7
68	197	129	166	1515.2	1495.8	1496.4
68	198	130	166	1518.2	1499.1	1499.6
68	199	131	166	1521.2	1500.5	1501.2
68	200	132	166	1524.0	1503.6	1504.2
68	201	133	166	1526.6	1504.9	1505.5
68	202	134	166	1529.2	1507.7	1508.2
68	203	135	166	1531.6	1508.8	1509.3
68	204	136	166	1533.9	1511.4	1511.8
68	205	137	166	1536.0	1512.3	1512.7
68	206	138	166	1538.0	1514.7	1515.0
68	207	139	166	1539.9	1515.3	1515.7
68	208	140	166	1541.7	1517.6	1517.7
68	209	141	166	1543.3	1518.0	1518.2
68	210	142	166	1544.8	1520.0	1520.1
68	211	143	166	1546.2	1520.3	1520.4
68	212	144	166	1547.4	1522.1	1522.0
68	213	145	166	1548.5	1522.2	1522.1
68	214	146	166	1549.5	1523.9	1523.6
68	215	147	166	1550.3	1523.8	1523.5
68	216	148	166	1551.1	1525.3	1524.8
68	217	149	166	1551.7	1525.0	1524.5
68	218	150	166	1552.1	1526.3	1525.6
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)

Supplementary file for Table-3

69	138	69	169	1094.9	1042.4	1048.1
69	139	70	169	1105.9	1058.3	1063.4
69	140	71	169	1116.8	1071.7	1076.6
69	141	72	169	1127.6	1086.9	1091.3
69	142	73	169	1138.2	1099.8	1103.9
69	143	74	169	1148.7	1114.3	1118.0
69	144	75	169	1159.1	1126.5	1130.0
69	145	76	169	1169.3	1140.4	1143.6
69	146	77	169	1179.5	1152.0	1155.0
69	147	78	169	1189.5	1165.3	1168.0
69	148	79	169	1199.3	1176.4	1178.9
69	149	80	169	1209.1	1189.1	1191.3
69	150	81	169	1218.7	1199.6	1201.7
69	151	82	169	1228.1	1211.8	1213.6
69	152	83	169	1237.5	1221.8	1223.5
69	153	84	169	1246.7	1233.4	1235.0
69	154	85	169	1255.8	1242.9	1244.4
69	155	86	169	1264.8	1254.0	1255.3
69	156	87	169	1273.6	1263.0	1264.3
69	157	88	169	1282.3	1273.7	1274.7
69	158	89	169	1290.9	1282.2	1283.2
69	159	90	169	1299.3	1292.4	1293.3
69	160	91	169	1307.7	1300.4	1301.3
69	161	92	169	1315.9	1310.2	1310.9
69	162	93	169	1323.9	1317.8	1318.5
69	163	94	169	1331.9	1327.1	1327.7
69	164	95	169	1339.7	1334.3	1335.0
69	165	96	169	1347.4	1343.2	1343.7
69	166	97	169	1354.9	1350.0	1350.6
69	167	98	169	1362.3	1358.5	1358.9
69	168	99	169	1369.6	1364.9	1365.4
69	169	100	169	1376.8	1373.0	1373.4
69	170	101	169	1383.9	1379.0	1379.5
69	171	102	169	1390.8	1386.7	1387.1
69	172	103	169	1397.6	1392.4	1392.8
69	173	104	169	1404.2	1399.7	1400.1
69	174	105	169	1410.7	1405.1	1405.5
69	175	106	169	1417.1	1412.0	1412.4
69	176	107	169	1423.4	1417.0	1417.5
69	177	108	169	1429.6	1423.7	1424.0
69	178	109	169	1435.6	1428.3	1428.8
69	179	110	169	1441.5	1434.7	1435.0
69	180	111	169	1447.2	1439.0	1439.5
69	181	112	169	1452.9	1445.0	1445.4
69	182	113	169	1458.4	1449.1	1449.5
69	183	114	169	1463.8	1454.7	1455.1
69	184	115	169	1469.0	1458.5	1459.0
69	185	116	169	1474.1	1463.9	1464.3
69	186	117	169	1479.1	1467.4	1467.8
69	187	118	169	1484.0	1472.5	1472.8
69	188	119	169	1488.7	1475.7	1476.1
69	189	120	169	1493.3	1480.5	1480.9
69	190	121	169	1497.8	1483.4	1483.9

Supplementary file for Table-3

69	191	122	169	1502.2	1488.0	1488.3
69	192	123	169	1506.4	1490.6	1491.1
69	193	124	169	1510.5	1494.9	1495.3
69	194	125	169	1514.5	1497.3	1497.8
69	195	126	169	1518.3	1501.4	1501.7
69	196	127	169	1522.0	1503.6	1503.9
69	197	128	169	1525.6	1507.3	1507.6
69	198	129	169	1529.1	1509.3	1509.6
69	199	130	169	1532.4	1512.8	1513.1
69	200	131	169	1535.6	1514.5	1514.8
69	201	132	169	1538.7	1517.9	1518.0
69	202	133	169	1541.6	1519.4	1519.6
69	203	134	169	1544.5	1522.4	1522.5
69	204	135	169	1547.2	1523.7	1523.8
69	205	136	169	1549.7	1526.6	1526.6
69	206	137	169	1552.2	1527.7	1527.7
69	207	138	169	1554.5	1530.3	1530.2
69	208	139	169	1556.7	1531.2	1531.1
69	209	140	169	1558.7	1533.6	1533.4
69	210	141	169	1560.7	1534.3	1534.1
69	211	142	169	1562.5	1536.6	1536.2
69	212	143	169	1564.1	1537.0	1536.7
69	213	144	169	1565.7	1539.1	1538.6
69	214	145	169	1567.1	1539.4	1538.8
69	215	146	169	1568.4	1541.2	1540.5
69	216	147	169	1569.6	1541.4	1540.6
69	217	148	169	1570.6	1543.0	1542.1
69	218	149	169	1571.5	1543.0	1542.0
69	219	150	169	1572.3	1544.5	1543.4
69	220	151	169	1572.9	1544.3	1543.1
69	221	152	169	1573.5	1545.6	1544.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
70	140	70	172	1106.9	1055.5	1061.1
70	141	71	172	1118.0	1069.3	1074.6
70	142	72	172	1128.9	1084.8	1089.7
70	143	73	172	1139.7	1098.0	1102.6
70	144	74	172	1150.3	1112.9	1117.0
70	145	75	172	1160.8	1125.5	1129.3
70	146	76	172	1171.3	1139.7	1143.2
70	147	77	172	1181.5	1151.7	1155.0
70	148	78	172	1191.7	1165.4	1168.3
70	149	79	172	1201.7	1176.8	1179.5
70	150	80	172	1211.6	1189.8	1192.3
70	151	81	172	1221.4	1200.7	1203.0
70	152	82	172	1231.0	1213.2	1215.2
70	153	83	172	1240.5	1223.5	1225.4
70	154	84	172	1249.9	1235.5	1237.2
70	155	85	172	1259.2	1245.3	1246.9
70	156	86	172	1268.4	1256.8	1258.1
70	157	87	172	1277.4	1266.1	1267.4
70	158	88	172	1286.3	1277.0	1278.1
70	159	89	172	1295.0	1285.9	1286.9
70	160	90	172	1303.7	1296.4	1297.3

Supplementary file for Table-3

70	161	91	172	1312.2	1304.7	1305.6
70	162	92	172	1320.6	1314.8	1315.5
70	163	93	172	1328.8	1322.7	1323.4
70	164	94	172	1336.9	1332.3	1332.9
70	165	95	172	1345.0	1339.8	1340.4
70	166	96	172	1352.8	1349.0	1349.5
70	167	97	172	1360.6	1356.1	1356.6
70	168	98	172	1368.2	1364.9	1365.2
70	169	99	172	1375.7	1371.6	1372.0
70	170	100	172	1383.1	1380.0	1380.3
70	171	101	172	1390.3	1386.3	1386.6
70	172	102	172	1397.5	1394.3	1394.5
70	173	103	172	1404.5	1400.3	1400.5
70	174	104	172	1411.3	1407.9	1408.1
70	175	105	172	1418.1	1413.5	1413.7
70	176	106	172	1424.7	1420.8	1420.9
70	177	107	172	1431.2	1426.1	1426.3
70	178	108	172	1437.6	1433.0	1433.1
70	179	109	172	1443.8	1437.9	1438.1
70	180	110	172	1449.9	1444.5	1444.6
70	181	111	172	1455.9	1449.1	1449.3
70	182	112	172	1461.8	1455.4	1455.5
70	183	113	172	1467.5	1459.7	1459.8
70	184	114	172	1473.1	1465.6	1465.7
70	185	115	172	1478.6	1469.7	1469.8
70	186	116	172	1484.0	1475.3	1475.4
70	187	117	172	1489.2	1479.1	1479.2
70	188	118	172	1494.3	1484.4	1484.4
70	189	119	172	1499.3	1487.9	1488.0
70	190	120	172	1504.2	1492.9	1492.9
70	191	121	172	1508.9	1496.1	1496.2
70	192	122	172	1513.5	1500.9	1500.9
70	193	123	172	1518.0	1503.8	1503.9
70	194	124	172	1522.3	1508.4	1508.3
70	195	125	172	1526.6	1511.0	1511.0
70	196	126	172	1530.7	1515.3	1515.2
70	197	127	172	1534.6	1517.7	1517.7
70	198	128	172	1538.5	1521.7	1521.6
70	199	129	172	1542.2	1523.9	1523.8
70	200	130	172	1545.8	1527.7	1527.5
70	201	131	172	1549.3	1529.7	1529.5
70	202	132	172	1552.6	1533.2	1532.9
70	203	133	172	1555.9	1534.9	1534.7
70	204	134	172	1559.0	1538.2	1537.9
70	205	135	172	1561.9	1539.7	1539.4
70	206	136	172	1564.8	1542.8	1542.4
70	207	137	172	1567.5	1544.1	1543.7
70	208	138	172	1570.1	1547.0	1546.4
70	209	139	172	1572.6	1548.1	1547.5
70	210	140	172	1574.9	1550.8	1550.0
70	211	141	172	1577.1	1551.7	1550.9
70	212	142	172	1579.2	1554.1	1553.2
70	213	143	172	1581.2	1554.8	1553.9

Supplementary file for Table-3

70	214	144	172	1583.0	1557.1	1556.0
70	215	145	172	1584.8	1557.6	1556.5
70	216	146	172	1586.3	1559.7	1558.4
70	217	147	172	1587.8	1560.0	1558.7
70	218	148	172	1589.2	1561.9	1560.4
70	219	149	172	1590.4	1562.0	1560.5
70	220	150	172	1591.5	1563.7	1562.0
70	221	151	172	1592.4	1563.7	1562.0
70	222	152	172	1593.3	1565.2	1563.3
70	223	153	172	1594.0	1565.1	1563.1
70	224	154	172	1594.6	1566.4	1564.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
71	142	71	174	1122.3	1064.3	1070.2
71	143	72	174	1133.2	1080.2	1085.6
71	144	73	174	1144.1	1093.8	1098.9
71	145	74	174	1154.8	1109.0	1113.7
71	146	75	174	1165.3	1122.0	1126.3
71	147	76	174	1175.8	1136.6	1140.5
71	148	77	174	1186.1	1148.9	1152.6
71	149	78	174	1196.3	1162.9	1166.3
71	150	79	174	1206.4	1174.6	1177.8
71	151	80	174	1216.4	1188.0	1190.9
71	152	81	174	1226.2	1199.2	1201.9
71	153	82	174	1235.9	1212.1	1214.5
71	154	83	174	1245.5	1222.7	1225.0
71	155	84	174	1255.0	1235.1	1237.1
71	156	85	174	1264.3	1245.2	1247.1
71	157	86	174	1273.5	1257.0	1258.7
71	158	87	174	1282.6	1266.6	1268.2
71	159	88	174	1291.5	1277.9	1279.3
71	160	89	174	1300.4	1287.1	1288.4
71	161	90	174	1309.1	1297.9	1299.0
71	162	91	174	1317.7	1306.6	1307.7
71	163	92	174	1326.1	1317.0	1317.9
71	164	93	174	1334.5	1325.2	1326.1
71	165	94	174	1342.7	1335.1	1335.8
71	166	95	174	1350.8	1342.9	1343.7
71	167	96	174	1358.7	1352.4	1353.0
71	168	97	174	1366.5	1359.8	1360.4
71	169	98	174	1374.3	1368.9	1369.3
71	170	99	174	1381.8	1375.9	1376.4
71	171	100	174	1389.3	1384.6	1384.9
71	172	101	174	1396.6	1391.2	1391.6
71	173	102	174	1403.9	1399.5	1399.7
71	174	103	174	1410.9	1405.8	1406.0
71	175	104	174	1417.9	1413.7	1413.8
71	176	105	174	1424.7	1419.6	1419.8
71	177	106	174	1431.4	1427.1	1427.2
71	178	107	174	1438.0	1432.7	1432.8
71	179	108	174	1444.5	1439.9	1439.9
71	180	109	174	1450.8	1445.1	1445.2
71	181	110	174	1457.0	1452.0	1452.0
71	182	111	174	1463.1	1456.9	1456.9

Supplementary file for Table-3

71	183	112	174	1469.1	1463.4	1463.4
71	184	113	174	1474.9	1468.0	1468.0
71	185	114	174	1480.7	1474.2	1474.1
71	186	115	174	1486.2	1478.5	1478.5
71	187	116	174	1491.7	1484.4	1484.3
71	188	117	174	1497.1	1488.4	1488.4
71	189	118	174	1502.3	1494.0	1493.9
71	190	119	174	1507.4	1497.7	1497.6
71	191	120	174	1512.3	1503.1	1502.9
71	192	121	174	1517.2	1506.5	1506.4
71	193	122	174	1521.9	1511.5	1511.3
71	194	123	174	1526.5	1514.7	1514.5
71	195	124	174	1531.0	1519.5	1519.2
71	196	125	174	1535.3	1522.4	1522.2
71	197	126	174	1539.5	1526.9	1526.6
71	198	127	174	1543.6	1529.6	1529.3
71	199	128	174	1547.6	1533.9	1533.4
71	200	129	174	1551.4	1536.3	1535.9
71	201	130	174	1555.2	1540.3	1539.8
71	202	131	174	1558.8	1542.5	1542.0
71	203	132	174	1562.2	1546.3	1545.7
71	204	133	174	1565.6	1548.2	1547.7
71	205	134	174	1568.8	1551.8	1551.1
71	206	135	174	1571.9	1553.5	1552.8
71	207	136	174	1574.9	1556.8	1556.0
71	208	137	174	1577.8	1558.4	1557.6
71	209	138	174	1580.5	1561.5	1560.5
71	210	139	174	1583.1	1562.8	1561.9
71	211	140	174	1585.6	1565.7	1564.6
71	212	141	174	1587.9	1566.8	1565.7
71	213	142	174	1590.2	1569.5	1568.2
71	214	143	174	1592.3	1570.4	1569.1
71	215	144	174	1594.3	1572.9	1571.4
71	216	145	174	1596.1	1573.6	1572.1
71	217	146	174	1597.9	1575.9	1574.3
71	218	147	174	1599.5	1576.4	1574.8
71	219	148	174	1601.0	1578.5	1576.7
71	220	149	174	1602.3	1578.9	1577.0
71	221	150	174	1603.6	1580.8	1578.7
71	222	151	174	1604.7	1581.0	1578.8
71	223	152	174	1605.7	1582.7	1580.4
71	224	153	174	1606.6	1582.7	1580.3
71	225	154	174	1607.3	1584.3	1581.7
71	226	155	174	1607.9	1584.1	1581.4
71	227	156	174	1608.4	1585.5	1582.6
71	228	157	174	1608.8	1585.2	1582.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
72	144	72	177	1134.1	1077.1	1083.0
72	145	73	177	1145.1	1091.0	1096.6
72	146	74	177	1156.0	1106.6	1111.7
72	147	75	177	1166.7	1119.9	1124.7
72	148	76	177	1177.3	1134.8	1139.2
72	149	77	177	1187.8	1147.5	1151.6

Supplementary file for Table-3

72	150	78	177	1198.1	1161.8	1165.6
72	151	79	177	1208.4	1173.9	1177.4
72	152	80	177	1218.5	1187.7	1190.8
72	153	81	177	1228.5	1199.2	1202.2
72	154	82	177	1238.3	1212.4	1215.0
72	155	83	177	1248.1	1223.4	1225.9
72	156	84	177	1257.7	1236.0	1238.2
72	157	85	177	1267.2	1246.5	1248.6
72	158	86	177	1276.6	1258.6	1260.4
72	159	87	177	1285.8	1268.5	1270.3
72	160	88	177	1294.9	1280.2	1281.7
72	161	89	177	1303.9	1289.6	1291.1
72	162	90	177	1312.8	1300.8	1302.0
72	163	91	177	1321.6	1309.8	1310.9
72	164	92	177	1330.2	1320.4	1321.4
72	165	93	177	1338.7	1329.0	1329.9
72	166	94	177	1347.1	1339.2	1340.0
72	167	95	177	1355.4	1347.4	1348.1
72	168	96	177	1363.5	1357.1	1357.7
72	169	97	177	1371.6	1364.8	1365.4
72	170	98	177	1379.5	1374.2	1374.6
72	171	99	177	1387.2	1381.5	1381.9
72	172	100	177	1394.9	1390.5	1390.7
72	173	101	177	1402.4	1397.4	1397.7
72	174	102	177	1409.8	1406.0	1406.1
72	175	103	177	1417.1	1412.5	1412.7
72	176	104	177	1424.3	1420.7	1420.7
72	177	105	177	1431.3	1426.9	1427.0
72	178	106	177	1438.2	1434.7	1434.7
72	179	107	177	1445.0	1440.6	1440.5
72	180	108	177	1451.7	1448.0	1447.9
72	181	109	177	1458.2	1453.5	1453.4
72	182	110	177	1464.7	1460.6	1460.4
72	183	111	177	1471.0	1465.8	1465.7
72	184	112	177	1477.2	1472.6	1472.4
72	185	113	177	1483.2	1477.5	1477.3
72	186	114	177	1489.2	1483.9	1483.6
72	187	115	177	1495.0	1488.5	1488.2
72	188	116	177	1500.7	1494.7	1494.3
72	189	117	177	1506.2	1498.9	1498.6
72	190	118	177	1511.7	1504.8	1504.4
72	191	119	177	1517.0	1508.8	1508.4
72	192	120	177	1522.2	1514.3	1513.8
72	193	121	177	1527.3	1518.0	1517.6
72	194	122	177	1532.2	1523.3	1522.8
72	195	123	177	1537.1	1526.8	1526.2
72	196	124	177	1541.8	1531.8	1531.1
72	197	125	177	1546.4	1534.9	1534.3
72	198	126	177	1550.8	1539.7	1539.0
72	199	127	177	1555.2	1542.6	1541.9
72	200	128	177	1559.4	1547.1	1546.3
72	201	129	177	1563.5	1549.8	1549.0
72	202	130	177	1567.5	1554.0	1553.1

Supplementary file for Table-3

72	203	131	177	1571.3	1556.4	1555.6
72	204	132	177	1575.0	1560.4	1559.5
72	205	133	177	1578.6	1562.6	1561.7
72	206	134	177	1582.1	1566.4	1565.3
72	207	135	177	1585.5	1568.4	1567.3
72	208	136	177	1588.7	1571.9	1570.7
72	209	137	177	1591.9	1573.7	1572.5
72	210	138	177	1594.9	1577.0	1575.6
72	211	139	177	1597.7	1578.5	1577.2
72	212	140	177	1600.5	1581.6	1580.1
72	213	141	177	1603.1	1583.0	1581.4
72	214	142	177	1605.6	1585.9	1584.2
72	215	143	177	1608.0	1587.0	1585.3
72	216	144	177	1610.3	1589.7	1587.8
72	217	145	177	1612.4	1590.6	1588.7
72	218	146	177	1614.4	1593.1	1591.0
72	219	147	177	1616.3	1593.9	1591.8
72	220	148	177	1618.1	1596.2	1593.9
72	221	149	177	1619.8	1596.8	1594.4
72	222	150	177	1621.3	1598.9	1596.3
72	223	151	177	1622.7	1599.3	1596.6
72	224	152	177	1624.0	1601.2	1598.4
72	225	153	177	1625.2	1601.4	1598.5
72	226	154	177	1626.2	1603.2	1600.1
72	227	155	177	1627.1	1603.2	1600.0
72	228	156	177	1627.9	1604.8	1601.4
72	229	157	177	1628.6	1604.7	1601.2
72	230	158	177	1629.1	1606.1	1602.3
72	231	159	177	1629.6	1605.8	1602.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
73	146	73	180	1145.9	1085.7	1091.9
73	147	74	180	1156.9	1101.7	1107.3
73	148	75	180	1167.8	1115.3	1120.7
73	149	76	180	1178.5	1130.6	1135.5
73	150	77	180	1189.1	1143.6	1148.3
73	151	78	180	1199.6	1158.3	1162.5
73	152	79	180	1210.0	1170.7	1174.7
73	153	80	180	1220.3	1184.8	1188.4
73	154	81	180	1230.4	1196.7	1200.1
73	155	82	180	1240.4	1210.2	1213.3
73	156	83	180	1250.3	1221.5	1224.4
73	157	84	180	1260.1	1234.5	1237.1
73	158	85	180	1269.8	1245.3	1247.8
73	159	86	180	1279.3	1257.7	1259.9
73	160	87	180	1288.7	1268.0	1270.1
73	161	88	180	1298.0	1280.0	1281.8
73	162	89	180	1307.2	1289.8	1291.5
73	163	90	180	1316.2	1301.2	1302.7
73	164	91	180	1325.1	1310.5	1311.9
73	165	92	180	1334.0	1321.5	1322.7
73	166	93	180	1342.6	1330.4	1331.5
73	167	94	180	1351.2	1340.9	1341.9
73	168	95	180	1359.6	1349.4	1350.3

Supplementary file for Table-3

73	169	96	180	1368.0	1359.4	1360.2
73	170	97	180	1376.2	1367.5	1368.2
73	171	98	180	1384.3	1377.1	1377.6
73	172	99	180	1392.2	1384.7	1385.2
73	173	100	180	1400.1	1394.0	1394.3
73	174	101	180	1407.8	1401.2	1401.6
73	175	102	180	1415.4	1410.0	1410.3
73	176	103	180	1422.8	1416.9	1417.1
73	177	104	180	1430.2	1425.4	1425.4
73	178	105	180	1437.4	1431.8	1431.9
73	179	106	180	1444.5	1439.9	1439.9
73	180	107	180	1451.5	1446.1	1446.1
73	181	108	180	1458.4	1453.8	1453.7
73	182	109	180	1465.2	1459.6	1459.5
73	183	110	180	1471.8	1467.0	1466.8
73	184	111	180	1478.3	1472.4	1472.3
73	185	112	180	1484.7	1479.5	1479.2
73	186	113	180	1491.0	1484.6	1484.4
73	187	114	180	1497.1	1491.4	1491.0
73	188	115	180	1503.1	1496.2	1495.8
73	189	116	180	1509.0	1502.6	1502.2
73	190	117	180	1514.8	1507.1	1506.7
73	191	118	180	1520.5	1513.3	1512.7
73	192	119	180	1526.0	1517.5	1517.0
73	193	120	180	1531.5	1523.3	1522.7
73	194	121	180	1536.8	1527.3	1526.7
73	195	122	180	1541.9	1532.8	1532.1
73	196	123	180	1547.0	1536.5	1535.8
73	197	124	180	1551.9	1541.8	1541.0
73	198	125	180	1556.8	1545.2	1544.4
73	199	126	180	1561.5	1550.2	1549.3
73	200	127	180	1566.0	1553.3	1552.5
73	201	128	180	1570.5	1558.1	1557.1
73	202	129	180	1574.8	1561.0	1560.0
73	203	130	180	1579.1	1565.5	1564.4
73	204	131	180	1583.2	1568.1	1567.1
73	205	132	180	1587.1	1572.4	1571.2
73	206	133	180	1591.0	1574.8	1573.6
73	207	134	180	1594.7	1578.8	1577.5
73	208	135	180	1598.3	1581.0	1579.7
73	209	136	180	1601.8	1584.8	1583.3
73	210	137	180	1605.2	1586.8	1585.3
73	211	138	180	1608.5	1590.3	1588.7
73	212	139	180	1611.6	1592.1	1590.4
73	213	140	180	1614.6	1595.4	1593.6
73	214	141	180	1617.5	1597.0	1595.1
73	215	142	180	1620.3	1600.1	1598.1
73	216	143	180	1622.9	1601.4	1599.4
73	217	144	180	1625.5	1604.3	1602.1
73	218	145	180	1627.9	1605.5	1603.3
73	219	146	180	1630.2	1608.2	1605.8
73	220	147	180	1632.3	1609.2	1606.7
73	221	148	180	1634.4	1611.7	1609.0

Supplementary file for Table-3

73	222	149	180	1636.3	1612.5	1609.8
73	223	150	180	1638.1	1614.8	1611.9
73	224	151	180	1639.8	1615.4	1612.4
73	225	152	180	1641.4	1617.5	1614.3
73	226	153	180	1642.8	1617.9	1614.7
73	227	154	180	1644.2	1619.9	1616.4
73	228	155	180	1645.4	1620.1	1616.6
73	229	156	180	1646.5	1621.9	1618.2
73	230	157	180	1647.4	1622.0	1618.2
73	231	158	180	1648.3	1623.6	1619.5
73	232	159	180	1649.0	1623.5	1619.3
73	233	160	180	1649.6	1625.0	1620.5
73	234	161	180	1650.1	1624.7	1620.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
74	148	74	183	1157.6	1098.2	1104.3
74	149	75	183	1168.6	1112.2	1118.0
74	150	76	183	1179.5	1127.8	1133.2
74	151	77	183	1190.2	1141.2	1146.2
74	152	78	183	1200.9	1156.2	1160.8
74	153	79	183	1211.4	1169.0	1173.3
74	154	80	183	1221.8	1183.4	1187.4
74	155	81	183	1232.1	1195.6	1199.3
74	156	82	183	1242.2	1209.4	1212.8
74	157	83	183	1252.3	1221.1	1224.3
74	158	84	183	1262.2	1234.4	1237.2
74	159	85	183	1272.0	1245.5	1248.2
74	160	86	183	1281.7	1258.3	1260.7
74	161	87	183	1291.3	1268.9	1271.1
74	162	88	183	1300.7	1281.1	1283.1
74	163	89	183	1310.1	1291.2	1293.1
74	164	90	183	1319.3	1303.0	1304.6
74	165	91	183	1328.4	1312.6	1314.2
74	166	92	183	1337.3	1323.9	1325.2
74	167	93	183	1346.2	1333.1	1334.3
74	168	94	183	1354.9	1343.9	1344.9
74	169	95	183	1363.5	1352.7	1353.6
74	170	96	183	1372.0	1363.0	1363.8
74	171	97	183	1380.4	1371.4	1372.1
74	172	98	183	1388.7	1381.3	1381.8
74	173	99	183	1396.8	1389.2	1389.7
74	174	100	183	1404.8	1398.7	1399.1
74	175	101	183	1412.7	1406.3	1406.6
74	176	102	183	1420.5	1415.4	1415.6
74	177	103	183	1428.1	1422.5	1422.7
74	178	104	183	1435.7	1431.3	1431.3
74	179	105	183	1443.1	1438.0	1438.1
74	180	106	183	1450.4	1446.4	1446.3
74	181	107	183	1457.6	1452.8	1452.7
74	182	108	183	1464.7	1460.8	1460.6
74	183	109	183	1471.6	1466.9	1466.7
74	184	110	183	1478.4	1474.5	1474.2
74	185	111	183	1485.1	1480.3	1479.9
74	186	112	183	1491.7	1487.6	1487.1

Supplementary file for Table-3

74	187	113	183	1498.2	1493.0	1492.5
74	188	114	183	1504.6	1500.0	1499.4
74	189	115	183	1510.8	1505.1	1504.5
74	190	116	183	1516.9	1511.8	1511.1
74	191	117	183	1522.9	1516.5	1515.9
74	192	118	183	1528.8	1522.9	1522.1
74	193	119	183	1534.5	1527.4	1526.7
74	194	120	183	1540.2	1533.5	1532.6
74	195	121	183	1545.7	1537.7	1536.8
74	196	122	183	1551.1	1543.5	1542.5
74	197	123	183	1556.4	1547.4	1546.5
74	198	124	183	1561.5	1552.9	1551.8
74	199	125	183	1566.6	1556.6	1555.5
74	200	126	183	1571.5	1561.8	1560.6
74	201	127	183	1576.3	1565.2	1564.0
74	202	128	183	1581.0	1570.2	1568.9
74	203	129	183	1585.6	1573.3	1572.0
74	204	130	183	1590.0	1578.0	1576.6
74	205	131	183	1594.4	1580.9	1579.5
74	206	132	183	1598.6	1585.4	1583.9
74	207	133	183	1602.7	1588.1	1586.5
74	208	134	183	1606.6	1592.3	1590.6
74	209	135	183	1610.5	1594.7	1593.0
74	210	136	183	1614.2	1598.7	1596.9
74	211	137	183	1617.9	1600.9	1599.1
74	212	138	183	1621.4	1604.7	1602.7
74	213	139	183	1624.7	1606.7	1604.7
74	214	140	183	1628.0	1610.2	1608.0
74	215	141	183	1631.1	1612.0	1609.8
74	216	142	183	1634.2	1615.3	1612.9
74	217	143	183	1637.1	1616.9	1614.5
74	218	144	183	1639.9	1620.0	1617.4
74	219	145	183	1642.5	1621.4	1618.8
74	220	146	183	1645.1	1624.3	1621.5
74	221	147	183	1647.5	1625.5	1622.6
74	222	148	183	1649.8	1628.2	1625.1
74	223	149	183	1652.0	1629.2	1626.1
74	224	150	183	1654.1	1631.7	1628.4
74	225	151	183	1656.1	1632.5	1629.1
74	226	152	183	1657.9	1634.9	1631.3
74	227	153	183	1659.7	1635.5	1631.8
74	228	154	183	1661.3	1637.6	1633.7
74	229	155	183	1662.7	1638.1	1634.1
74	230	156	183	1664.1	1640.1	1635.9
74	231	157	183	1665.4	1640.4	1636.1
74	232	158	183	1666.5	1642.1	1637.6
74	233	159	183	1667.5	1642.3	1637.6
74	234	160	183	1668.4	1643.9	1639.0
74	235	161	183	1669.2	1643.9	1638.9
74	236	162	183	1669.9	1645.3	1640.0
74	237	163	183	1670.4	1645.1	1639.7
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
75	150	75	186	1169.2	1106.6	1113.0

Supplementary file for Table-3

75	151	76	186	1180.2	1122.6	1128.5
75	152	77	186	1191.1	1136.3	1141.9
75	153	78	186	1201.9	1151.6	1156.8
75	154	79	186	1212.5	1164.8	1169.7
75	155	80	186	1223.1	1179.5	1184.0
75	156	81	186	1233.5	1192.1	1196.3
75	157	82	186	1243.8	1206.2	1210.1
75	158	83	186	1254.0	1218.2	1221.9
75	159	84	186	1264.0	1231.8	1235.1
75	160	85	186	1274.0	1243.3	1246.4
75	161	86	186	1283.8	1256.4	1259.2
75	162	87	186	1293.5	1267.3	1269.9
75	163	88	186	1303.1	1279.9	1282.2
75	164	89	186	1312.6	1290.3	1292.5
75	165	90	186	1322.0	1302.4	1304.3
75	166	91	186	1331.2	1312.3	1314.2
75	167	92	186	1340.4	1323.9	1325.5
75	168	93	186	1349.4	1333.4	1334.9
75	169	94	186	1358.3	1344.5	1345.8
75	170	95	186	1367.0	1353.6	1354.8
75	171	96	186	1375.7	1364.3	1365.3
75	172	97	186	1384.2	1372.9	1373.8
75	173	98	186	1392.7	1383.1	1383.9
75	174	99	186	1401.0	1391.3	1392.0
75	175	100	186	1409.2	1401.1	1401.7
75	176	101	186	1417.2	1409.0	1409.5
75	177	102	186	1425.2	1418.4	1418.7
75	178	103	186	1433.0	1425.8	1426.1
75	179	104	186	1440.8	1434.8	1435.0
75	180	105	186	1448.4	1441.9	1442.0
75	181	106	186	1455.8	1450.5	1450.5
75	182	107	186	1463.2	1457.2	1457.2
75	183	108	186	1470.5	1465.5	1465.3
75	184	109	186	1477.6	1471.8	1471.7
75	185	110	186	1484.6	1479.8	1479.5
75	186	111	186	1491.5	1485.8	1485.5
75	187	112	186	1498.3	1493.4	1492.9
75	188	113	186	1505.0	1499.0	1498.6
75	189	114	186	1511.5	1506.3	1505.7
75	190	115	186	1518.0	1511.7	1511.1
75	191	116	186	1524.3	1518.6	1517.9
75	192	117	186	1530.5	1523.6	1523.0
75	193	118	186	1536.5	1530.3	1529.5
75	194	119	186	1542.5	1535.0	1534.2
75	195	120	186	1548.3	1541.4	1540.4
75	196	121	186	1554.1	1545.8	1544.9
75	197	122	186	1559.7	1551.8	1550.8
75	198	123	186	1565.2	1556.0	1555.0
75	199	124	186	1570.6	1561.8	1560.6
75	200	125	186	1575.8	1565.7	1564.5
75	201	126	186	1581.0	1571.2	1569.9
75	202	127	186	1586.0	1574.8	1573.5
75	203	128	186	1590.9	1580.0	1578.6

Supplementary file for Table-3

75	204	129	186	1595.7	1583.4	1582.0
75	205	130	186	1600.4	1588.4	1586.8
75	206	131	186	1604.9	1591.5	1589.9
75	207	132	186	1609.4	1596.2	1594.5
75	208	133	186	1613.7	1599.1	1597.4
75	209	134	186	1617.9	1603.6	1601.7
75	210	135	186	1622.0	1606.2	1604.4
75	211	136	186	1626.0	1610.5	1608.4
75	212	137	186	1629.8	1612.9	1610.8
75	213	138	186	1633.6	1616.9	1614.7
75	214	139	186	1637.2	1619.1	1616.9
75	215	140	186	1640.7	1622.9	1620.5
75	216	141	186	1644.1	1624.9	1622.4
75	217	142	186	1647.4	1628.4	1625.8
75	218	143	186	1650.5	1630.2	1627.6
75	219	144	186	1653.5	1633.5	1630.7
75	220	145	186	1656.5	1635.1	1632.3
75	221	146	186	1659.3	1638.3	1635.2
75	222	147	186	1662.0	1639.7	1636.5
75	223	148	186	1664.5	1642.6	1639.3
75	224	149	186	1667.0	1643.8	1640.4
75	225	150	186	1669.3	1646.5	1642.9
75	226	151	186	1671.6	1647.5	1643.9
75	227	152	186	1673.7	1650.1	1646.2
75	228	153	186	1675.7	1650.9	1647.0
75	229	154	186	1677.5	1653.2	1649.1
75	230	155	186	1679.3	1653.9	1649.6
75	231	156	186	1680.9	1656.1	1651.6
75	232	157	186	1682.4	1656.6	1652.0
75	233	158	186	1683.9	1658.6	1653.7
75	234	159	186	1685.1	1658.9	1653.9
75	235	160	186	1686.3	1660.7	1655.5
75	236	161	186	1687.4	1660.9	1655.5
75	237	162	186	1688.3	1662.5	1656.9
75	238	163	186	1689.1	1662.5	1656.8
75	239	164	186	1689.8	1664.0	1658.0
75	240	165	186	1690.4	1663.8	1657.7
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
76	152	76	189	1180.7	1118.8	1125.2
76	153	77	189	1191.7	1132.8	1138.9
76	154	78	189	1202.6	1148.5	1154.1
76	155	79	189	1213.4	1162.0	1167.3
76	156	80	189	1224.1	1177.1	1181.9
76	157	81	189	1234.6	1189.9	1194.5
76	158	82	189	1245.1	1204.4	1208.6
76	159	83	189	1255.4	1216.7	1220.7
76	160	84	189	1265.6	1230.7	1234.3
76	161	85	189	1275.7	1242.4	1245.9
76	162	86	189	1285.7	1255.8	1258.9
76	163	87	189	1295.5	1267.1	1270.0
76	164	88	189	1305.3	1280.0	1282.6
76	165	89	189	1314.9	1290.7	1293.2
76	166	90	189	1324.4	1303.1	1305.2

Supplementary file for Table-3

76	167	91	189	1333.8	1313.3	1315.4
76	168	92	189	1343.1	1325.2	1327.0
76	169	93	189	1352.2	1335.0	1336.7
76	170	94	189	1361.3	1346.5	1347.9
76	171	95	189	1370.2	1355.8	1357.1
76	172	96	189	1379.0	1366.8	1367.9
76	173	97	189	1387.8	1375.7	1376.7
76	174	98	189	1396.3	1386.2	1387.1
76	175	99	189	1404.8	1394.7	1395.5
76	176	100	189	1413.2	1404.8	1405.4
76	177	101	189	1421.4	1412.9	1413.5
76	178	102	189	1429.5	1422.6	1423.0
76	179	103	189	1437.5	1430.3	1430.6
76	180	104	189	1445.4	1439.7	1439.8
76	181	105	189	1453.2	1447.0	1447.1
76	182	106	189	1460.9	1455.9	1455.8
76	183	107	189	1468.4	1462.9	1462.8
76	184	108	189	1475.9	1471.4	1471.2
76	185	109	189	1483.2	1478.0	1477.8
76	186	110	189	1490.4	1486.2	1485.8
76	187	111	189	1497.5	1492.5	1492.1
76	188	112	189	1504.4	1500.4	1499.8
76	189	113	189	1511.3	1506.3	1505.7
76	190	114	189	1518.0	1513.8	1513.1
76	191	115	189	1524.6	1519.4	1518.7
76	192	116	189	1531.1	1526.6	1525.8
76	193	117	189	1537.5	1531.9	1531.1
76	194	118	189	1543.8	1538.8	1537.8
76	195	119	189	1550.0	1543.8	1542.8
76	196	120	189	1556.0	1550.4	1549.3
76	197	121	189	1561.9	1555.1	1554.0
76	198	122	189	1567.8	1561.4	1560.1
76	199	123	189	1573.5	1565.8	1564.6
76	200	124	189	1579.0	1571.8	1570.4
76	201	125	189	1584.5	1576.0	1574.6
76	202	126	189	1589.9	1581.7	1580.1
76	203	127	189	1595.1	1585.6	1584.0
76	204	128	189	1600.2	1591.0	1589.3
76	205	129	189	1605.2	1594.6	1593.0
76	206	130	189	1610.1	1599.8	1598.0
76	207	131	189	1614.9	1603.2	1601.4
76	208	132	189	1619.6	1608.1	1606.1
76	209	133	189	1624.1	1611.3	1609.3
76	210	134	189	1628.5	1616.0	1613.8
76	211	135	189	1632.9	1618.9	1616.7
76	212	136	189	1637.1	1623.3	1620.9
76	213	137	189	1641.1	1626.0	1623.6
76	214	138	189	1645.1	1630.2	1627.6
76	215	139	189	1649.0	1632.6	1630.0
76	216	140	189	1652.7	1636.6	1633.8
76	217	141	189	1656.3	1638.8	1636.0
76	218	142	189	1659.8	1642.6	1639.6
76	219	143	189	1663.2	1644.6	1641.6

Supplementary file for Table-3

76	220	144	189	1666.5	1648.1	1644.9
76	221	145	189	1669.7	1649.9	1646.7
76	222	146	189	1672.7	1653.3	1649.8
76	223	147	189	1675.7	1654.9	1651.4
76	224	148	189	1678.5	1658.0	1654.3
76	225	149	189	1681.2	1659.4	1655.7
76	226	150	189	1683.8	1662.3	1658.4
76	227	151	189	1686.3	1663.6	1659.5
76	228	152	189	1688.6	1666.3	1662.0
76	229	153	189	1690.9	1667.4	1663.0
76	230	154	189	1693.0	1669.9	1665.3
76	231	155	189	1695.0	1670.8	1666.1
76	232	156	189	1696.9	1673.1	1668.2
76	233	157	189	1698.7	1673.8	1668.8
76	234	158	189	1700.4	1676.0	1670.8
76	235	159	189	1701.9	1676.5	1671.2
76	236	160	189	1703.4	1678.5	1672.9
76	237	161	189	1704.7	1678.9	1673.1
76	238	162	189	1705.9	1680.7	1674.7
76	239	163	189	1707.0	1680.9	1674.8
76	240	164	189	1708.0	1682.6	1676.2
76	241	165	189	1708.8	1682.6	1676.1
76	242	166	189	1709.6	1684.1	1677.3
76	243	167	189	1710.2	1684.0	1677.0
76	244	168	189	1710.8	1685.3	1678.1
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
77	154	77	192	1192.1	1126.9	1133.7
77	155	78	192	1203.1	1143.0	1149.2
77	156	79	192	1214.0	1156.8	1162.7
77	157	80	192	1224.8	1172.2	1177.6
77	158	81	192	1235.5	1185.4	1190.5
77	159	82	192	1246.1	1200.2	1204.9
77	160	83	192	1256.5	1212.8	1217.3
77	161	84	192	1266.9	1227.1	1231.2
77	162	85	192	1277.1	1239.2	1243.1
77	163	86	192	1287.2	1252.9	1256.4
77	164	87	192	1297.2	1264.5	1267.8
77	165	88	192	1307.1	1277.7	1280.7
77	166	89	192	1316.9	1288.7	1291.6
77	167	90	192	1326.5	1301.4	1304.0
77	168	91	192	1336.1	1312.0	1314.4
77	169	92	192	1345.5	1324.2	1326.3
77	170	93	192	1354.8	1334.3	1336.3
77	171	94	192	1364.0	1346.0	1347.8
77	172	95	192	1373.1	1355.7	1357.3
77	173	96	192	1382.1	1366.9	1368.3
77	174	97	192	1390.9	1376.2	1377.5
77	175	98	192	1399.7	1387.0	1388.1
77	176	99	192	1408.3	1395.8	1396.8
77	177	100	192	1416.8	1406.2	1407.0
77	178	101	192	1425.2	1414.6	1415.3
77	179	102	192	1433.5	1424.6	1425.1
77	180	103	192	1441.7	1432.6	1433.0

Supplementary file for Table-3

77	181	104	192	1449.7	1442.1	1442.4
77	182	105	192	1457.7	1449.8	1450.0
77	183	106	192	1465.5	1459.0	1459.0
77	184	107	192	1473.2	1466.2	1466.3
77	185	108	192	1480.8	1475.0	1474.9
77	186	109	192	1488.3	1481.9	1481.8
77	187	110	192	1495.7	1490.4	1490.1
77	188	111	192	1503.0	1496.9	1496.6
77	189	112	192	1510.1	1505.1	1504.6
77	190	113	192	1517.1	1511.3	1510.8
77	191	114	192	1524.1	1519.1	1518.4
77	192	115	192	1530.9	1524.9	1524.3
77	193	116	192	1537.6	1532.4	1531.6
77	194	117	192	1544.1	1538.0	1537.1
77	195	118	192	1550.6	1545.1	1544.1
77	196	119	192	1557.0	1550.4	1549.4
77	197	120	192	1563.2	1557.2	1556.1
77	198	121	192	1569.3	1562.2	1561.0
77	199	122	192	1575.3	1568.7	1567.4
77	200	123	192	1581.2	1573.4	1572.1
77	201	124	192	1587.0	1579.6	1578.2
77	202	125	192	1592.7	1584.0	1582.6
77	203	126	192	1598.2	1590.0	1588.4
77	204	127	192	1603.7	1594.1	1592.5
77	205	128	192	1609.0	1599.8	1598.0
77	206	129	192	1614.2	1603.7	1601.9
77	207	130	192	1619.3	1609.1	1607.1
77	208	131	192	1624.3	1612.7	1610.7
77	209	132	192	1629.2	1617.9	1615.7
77	210	133	192	1634.0	1621.2	1619.1
77	211	134	192	1638.6	1626.1	1623.8
77	212	135	192	1643.1	1629.3	1626.9
77	213	136	192	1647.6	1633.9	1631.4
77	214	137	192	1651.9	1636.8	1634.3
77	215	138	192	1656.1	1641.3	1638.6
77	216	139	192	1660.1	1643.9	1641.2
77	217	140	192	1664.1	1648.1	1645.2
77	218	141	192	1667.9	1650.6	1647.6
77	219	142	192	1671.7	1654.5	1651.4
77	220	143	192	1675.3	1656.8	1653.6
77	221	144	192	1678.8	1660.5	1657.2
77	222	145	192	1682.2	1662.6	1659.1
77	223	146	192	1685.5	1666.1	1662.5
77	224	147	192	1688.7	1667.9	1664.2
77	225	148	192	1691.7	1671.3	1667.4
77	226	149	192	1694.7	1672.9	1668.9
77	227	150	192	1697.5	1676.0	1671.9
77	228	151	192	1700.2	1677.5	1673.2
77	229	152	192	1702.8	1680.4	1675.9
77	230	153	192	1705.3	1681.7	1677.1
77	231	154	192	1707.7	1684.4	1679.6
77	232	155	192	1710.0	1685.5	1680.6
77	233	156	192	1712.1	1688.0	1682.9

Supplementary file for Table-3

77	234	157	192	1714.2	1688.9	1683.7
77	235	158	192	1716.1	1691.3	1685.8
77	236	159	192	1717.9	1692.0	1686.4
77	237	160	192	1719.6	1694.2	1688.4
77	238	161	192	1721.2	1694.8	1688.8
77	239	162	192	1722.7	1696.8	1690.6
77	240	163	192	1724.0	1697.2	1690.8
77	241	164	192	1725.3	1699.0	1692.4
77	242	165	192	1726.4	1699.3	1692.5
77	243	166	192	1727.4	1701.0	1693.9
77	244	167	192	1728.3	1701.0	1693.8
77	245	168	192	1729.1	1702.6	1695.1
77	246	169	192	1729.8	1702.5	1694.8
77	247	170	192	1730.4	1703.9	1695.9
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
78	156	78	195	1203.4	1138.8	1145.5
78	157	79	195	1214.4	1153.0	1159.3
78	158	80	195	1225.3	1168.7	1174.6
78	159	81	195	1236.2	1182.2	1187.8
78	160	82	195	1246.9	1197.4	1202.5
78	161	83	195	1257.4	1210.3	1215.2
78	162	84	195	1267.9	1224.9	1229.4
78	163	85	195	1278.3	1237.3	1241.6
78	164	86	195	1288.5	1251.4	1255.2
78	165	87	195	1298.6	1263.2	1266.9
78	166	88	195	1308.7	1276.7	1280.0
78	167	89	195	1318.6	1288.1	1291.2
78	168	90	195	1328.4	1301.1	1303.9
78	169	91	195	1338.0	1312.0	1314.6
78	170	92	195	1347.6	1324.5	1326.8
78	171	93	195	1357.1	1334.9	1337.1
78	172	94	195	1366.4	1346.9	1348.8
78	173	95	195	1375.6	1356.9	1358.7
78	174	96	195	1384.8	1368.4	1370.0
78	175	97	195	1393.8	1377.9	1379.4
78	176	98	195	1402.7	1389.1	1390.3
78	177	99	195	1411.4	1398.1	1399.3
78	178	100	195	1420.1	1408.8	1409.7
78	179	101	195	1428.7	1417.5	1418.3
78	180	102	195	1437.1	1427.8	1428.4
78	181	103	195	1445.5	1436.0	1436.6
78	182	104	195	1453.7	1445.9	1446.2
78	183	105	195	1461.8	1453.8	1454.1
78	184	106	195	1469.8	1463.3	1463.4
78	185	107	195	1477.7	1470.8	1470.8
78	186	108	195	1485.4	1479.9	1479.8
78	187	109	195	1493.1	1487.1	1486.9
78	188	110	195	1500.6	1495.8	1495.4
78	189	111	195	1508.1	1502.6	1502.2
78	190	112	195	1515.4	1511.0	1510.4
78	191	113	195	1522.6	1517.5	1516.9
78	192	114	195	1529.7	1525.5	1524.8
78	193	115	195	1536.7	1531.6	1530.9

Supplementary file for Table-3

78	194	116	195	1543.6	1539.3	1538.4
78	195	117	195	1550.3	1545.2	1544.2
78	196	118	195	1557.0	1552.6	1551.5
78	197	119	195	1563.5	1558.1	1557.0
78	198	120	195	1569.9	1565.1	1563.9
78	199	121	195	1576.2	1570.4	1569.1
78	200	122	195	1582.4	1577.1	1575.7
78	201	123	195	1588.5	1582.1	1580.6
78	202	124	195	1594.5	1588.5	1586.9
78	203	125	195	1600.4	1593.2	1591.6
78	204	126	195	1606.1	1599.4	1597.6
78	205	127	195	1611.8	1603.8	1602.0
78	206	128	195	1617.3	1609.7	1607.7
78	207	129	195	1622.7	1613.8	1611.8
78	208	130	195	1628.0	1619.4	1617.3
78	209	131	195	1633.2	1623.3	1621.1
78	210	132	195	1638.3	1628.7	1626.3
78	211	133	195	1643.2	1632.3	1629.9
78	212	134	195	1648.1	1637.4	1634.9
78	213	135	195	1652.8	1640.8	1638.2
78	214	136	195	1657.5	1645.7	1642.9
78	215	137	195	1662.0	1648.8	1646.0
78	216	138	195	1666.4	1653.4	1650.5
78	217	139	195	1670.7	1656.3	1653.3
78	218	140	195	1674.9	1660.8	1657.6
78	219	141	195	1678.9	1663.4	1660.2
78	220	142	195	1682.9	1667.6	1664.2
78	221	143	195	1686.7	1670.1	1666.6
78	222	144	195	1690.5	1674.0	1670.4
78	223	145	195	1694.1	1676.3	1672.5
78	224	146	195	1697.6	1680.0	1676.1
78	225	147	195	1701.0	1682.1	1678.1
78	226	148	195	1704.3	1685.6	1681.4
78	227	149	195	1707.5	1687.4	1683.2
78	228	150	195	1710.6	1690.8	1686.3
78	229	151	195	1713.5	1692.4	1687.8
78	230	152	195	1716.3	1695.6	1690.8
78	231	153	195	1719.1	1697.0	1692.1
78	232	154	195	1721.7	1700.0	1694.8
78	233	155	195	1724.2	1701.2	1696.0
78	234	156	195	1726.6	1704.0	1698.5
78	235	157	195	1728.9	1705.1	1699.5
78	236	158	195	1731.1	1707.6	1701.8
78	237	159	195	1733.1	1708.6	1702.6
78	238	160	195	1735.1	1711.0	1704.8
78	239	161	195	1736.9	1711.7	1705.4
78	240	162	195	1738.6	1713.9	1707.3
78	241	163	195	1740.2	1714.5	1707.8
78	242	164	195	1741.7	1716.5	1709.5
78	243	165	195	1743.1	1717.0	1709.8
78	244	166	195	1744.4	1718.8	1711.4
78	245	167	195	1745.6	1719.1	1711.5
78	246	168	195	1746.6	1720.8	1712.9

Supplementary file for Table-3

78	247	169	195	1747.6	1720.9	1712.9
78	248	170	195	1748.4	1722.5	1714.1
78	249	171	195	1749.1	1722.4	1713.9
78	250	172	195	1749.7	1723.8	1715.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
79	158	79	198	1214.6	1146.8	1153.8
79	159	80	198	1225.7	1162.8	1169.3
79	160	81	198	1236.6	1176.7	1182.9
79	161	82	198	1247.4	1192.2	1197.9
79	162	83	198	1258.1	1205.5	1210.9
79	163	84	198	1268.7	1220.4	1225.4
79	164	85	198	1279.2	1233.1	1237.8
79	165	86	198	1289.6	1247.4	1251.8
79	166	87	198	1299.8	1259.6	1263.8
79	167	88	198	1310.0	1273.5	1277.2
79	168	89	198	1320.0	1285.1	1288.7
79	169	90	198	1329.9	1298.4	1301.7
79	170	91	198	1339.7	1309.6	1312.7
79	171	92	198	1349.5	1322.4	1325.2
79	172	93	198	1359.0	1333.1	1335.7
79	173	94	198	1368.5	1345.5	1347.7
79	174	95	198	1377.9	1355.7	1357.9
79	175	96	198	1387.2	1367.6	1369.4
79	176	97	198	1396.3	1377.4	1379.1
79	177	98	198	1405.4	1388.8	1390.3
79	178	99	198	1414.3	1398.2	1399.6
79	179	100	198	1423.1	1409.1	1410.3
79	180	101	198	1431.8	1418.1	1419.2
79	181	102	198	1440.4	1428.7	1429.5
79	182	103	198	1448.9	1437.2	1438.0
79	183	104	198	1457.3	1447.4	1447.9
79	184	105	198	1465.5	1455.5	1456.0
79	185	106	198	1473.7	1465.3	1465.6
79	186	107	198	1481.7	1473.1	1473.3
79	187	108	198	1489.7	1482.5	1482.5
79	188	109	198	1497.5	1489.9	1489.9
79	189	110	198	1505.2	1498.9	1498.7
79	190	111	198	1512.8	1506.0	1505.7
79	191	112	198	1520.3	1514.6	1514.2
79	192	113	198	1527.7	1521.4	1520.9
79	193	114	198	1534.9	1529.7	1529.0
79	194	115	198	1542.1	1536.1	1535.4
79	195	116	198	1549.1	1544.0	1543.2
79	196	117	198	1556.1	1550.1	1549.3
79	197	118	198	1562.9	1557.8	1556.7
79	198	119	198	1569.6	1563.5	1562.5
79	199	120	198	1576.2	1570.9	1569.6
79	200	121	198	1582.7	1576.3	1575.1
79	201	122	198	1589.1	1583.4	1581.9
79	202	123	198	1595.4	1588.6	1587.1
79	203	124	198	1601.5	1595.3	1593.7
79	204	125	198	1607.6	1600.2	1598.5
79	205	126	198	1613.5	1606.6	1604.8

Supplementary file for Table-3

79	206	127	198	1619.3	1611.2	1609.4
79	207	128	198	1625.1	1617.4	1615.4
79	208	129	198	1630.7	1621.7	1619.7
79	209	130	198	1636.2	1627.6	1625.4
79	210	131	198	1641.5	1631.7	1629.5
79	211	132	198	1646.8	1637.3	1634.9
79	212	133	198	1652.0	1641.2	1638.7
79	213	134	198	1657.0	1646.5	1643.9
79	214	135	198	1662.0	1650.1	1647.5
79	215	136	198	1666.8	1655.2	1652.4
79	216	137	198	1671.6	1658.6	1655.7
79	217	138	198	1676.2	1663.5	1660.4
79	218	139	198	1680.7	1666.6	1663.5
79	219	140	198	1685.1	1671.2	1667.9
79	220	141	198	1689.3	1674.1	1670.8
79	221	142	198	1693.5	1678.5	1675.0
79	222	143	198	1697.6	1681.2	1677.6
79	223	144	198	1701.5	1685.4	1681.6
79	224	145	198	1705.4	1687.8	1684.0
79	225	146	198	1709.1	1691.8	1687.7
79	226	147	198	1712.7	1694.1	1689.9
79	227	148	198	1716.2	1697.8	1693.4
79	228	149	198	1719.6	1699.9	1695.4
79	229	150	198	1722.9	1703.4	1698.7
79	230	151	198	1726.1	1705.3	1700.5
79	231	152	198	1729.2	1708.6	1703.6
79	232	153	198	1732.1	1710.3	1705.2
79	233	154	198	1735.0	1713.4	1708.1
79	234	155	198	1737.7	1714.9	1709.5
79	235	156	198	1740.4	1717.8	1712.2
79	236	157	198	1742.9	1719.1	1713.4
79	237	158	198	1745.3	1721.9	1715.9
79	238	159	198	1747.6	1723.0	1716.9
79	239	160	198	1749.8	1725.6	1719.2
79	240	161	198	1751.9	1726.5	1720.0
79	241	162	198	1753.8	1728.9	1722.1
79	242	163	198	1755.7	1729.7	1722.8
79	243	164	198	1757.4	1731.9	1724.7
79	244	165	198	1759.1	1732.6	1725.2
79	245	166	198	1760.6	1734.6	1727.0
79	246	167	198	1762.0	1735.1	1727.3
79	247	168	198	1763.3	1737.0	1728.9
79	248	169	198	1764.5	1737.3	1729.0
79	249	170	198	1765.6	1739.0	1730.4
79	250	171	198	1766.6	1739.1	1730.4
79	251	172	198	1767.5	1740.7	1731.7
79	252	173	198	1768.2	1740.7	1731.5
79	253	174	198	1768.9	1742.2	1732.6
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
80	160	80	201	1225.8	1158.4	1165.4
80	161	81	201	1236.8	1172.6	1179.2
80	162	82	201	1247.7	1188.4	1194.5
80	163	83	201	1258.6	1202.0	1207.8

Supplementary file for Table-3

80	164	84	201	1269.3	1217.2	1222.6
80	165	85	201	1279.9	1230.2	1235.4
80	166	86	201	1290.4	1244.9	1249.6
80	167	87	201	1300.7	1257.4	1261.9
80	168	88	201	1311.0	1271.5	1275.6
80	169	89	201	1321.2	1283.5	1287.4
80	170	90	201	1331.2	1297.1	1300.6
80	171	91	201	1341.2	1308.6	1311.9
80	172	92	201	1351.0	1321.7	1324.7
80	173	93	201	1360.8	1332.7	1335.6
80	174	94	201	1370.4	1345.3	1347.9
80	175	95	201	1379.9	1355.9	1358.3
80	176	96	201	1389.3	1368.0	1370.1
80	177	97	201	1398.6	1378.1	1380.1
80	178	98	201	1407.7	1389.8	1391.5
80	179	99	201	1416.8	1399.5	1401.1
80	180	100	201	1425.8	1410.7	1412.0
80	181	101	201	1434.6	1420.0	1421.2
80	182	102	201	1443.4	1430.8	1431.8
80	183	103	201	1452.0	1439.7	1440.5
80	184	104	201	1460.5	1450.1	1450.7
80	185	105	201	1469.0	1458.5	1459.1
80	186	106	201	1477.3	1468.6	1468.9
80	187	107	201	1485.5	1476.6	1476.9
80	188	108	201	1493.5	1486.3	1486.4
80	189	109	201	1501.5	1494.0	1494.0
80	190	110	201	1509.4	1503.2	1503.1
80	191	111	201	1517.1	1510.6	1510.4
80	192	112	201	1524.8	1519.5	1519.1
80	193	113	201	1532.3	1526.5	1526.0
80	194	114	201	1539.8	1535.1	1534.4
80	195	115	201	1547.1	1541.7	1541.0
80	196	116	201	1554.3	1549.9	1549.1
80	197	117	201	1561.4	1556.3	1555.4
80	198	118	201	1568.4	1564.2	1563.1
80	199	119	201	1575.3	1570.2	1569.1
80	200	120	201	1582.1	1577.8	1576.5
80	201	121	201	1588.7	1583.5	1582.2
80	202	122	201	1595.3	1590.8	1589.2
80	203	123	201	1601.7	1596.2	1594.6
80	204	124	201	1608.1	1603.2	1601.4
80	205	125	201	1614.3	1608.3	1606.5
80	206	126	201	1620.4	1615.0	1613.0
80	207	127	201	1626.4	1619.8	1617.9
80	208	128	201	1632.4	1626.2	1624.1
80	209	129	201	1638.1	1630.8	1628.6
80	210	130	201	1643.8	1636.9	1634.6
80	211	131	201	1649.4	1641.3	1638.9
80	212	132	201	1654.9	1647.1	1644.5
80	213	133	201	1660.2	1651.2	1648.6
80	214	134	201	1665.5	1656.8	1654.0
80	215	135	201	1670.6	1660.6	1657.7
80	216	136	201	1675.7	1665.9	1662.9

Supplementary file for Table-3

80	217	137	201	1680.6	1669.5	1666.4
80	218	138	201	1685.4	1674.6	1671.3
80	219	139	201	1690.1	1677.9	1674.6
80	220	140	201	1694.7	1682.8	1679.3
80	221	141	201	1699.2	1685.9	1682.3
80	222	142	201	1703.6	1690.5	1686.7
80	223	143	201	1707.8	1693.4	1689.6
80	224	144	201	1712.0	1697.8	1693.7
80	225	145	201	1716.1	1700.5	1696.3
80	226	146	201	1720.0	1704.6	1700.3
80	227	147	201	1723.8	1707.1	1702.7
80	228	148	201	1727.6	1711.1	1706.4
80	229	149	201	1731.2	1713.3	1708.6
80	230	150	201	1734.7	1717.1	1712.1
80	231	151	201	1738.1	1719.1	1714.1
80	232	152	201	1741.4	1722.7	1717.4
80	233	153	201	1744.6	1724.5	1719.2
80	234	154	201	1747.6	1727.9	1722.3
80	235	155	201	1750.6	1729.6	1723.9
80	236	156	201	1753.5	1732.7	1726.8
80	237	157	201	1756.2	1734.2	1728.1
80	238	158	201	1758.8	1737.2	1730.8
80	239	159	201	1761.4	1738.5	1732.0
80	240	160	201	1763.8	1741.3	1734.5
80	241	161	201	1766.1	1742.4	1735.6
80	242	162	201	1768.3	1745.0	1737.9
80	243	163	201	1770.4	1746.0	1738.7
80	244	164	201	1772.4	1748.4	1740.8
80	245	165	201	1774.3	1749.2	1741.5
80	246	166	201	1776.0	1751.4	1743.5
80	247	167	201	1777.7	1752.1	1743.9
80	248	168	201	1779.3	1754.1	1745.7
80	249	169	201	1780.7	1754.6	1746.0
80	250	170	201	1782.0	1756.5	1747.6
80	251	171	201	1783.3	1756.9	1747.8
80	252	172	201	1784.4	1758.6	1749.2
80	253	173	201	1785.4	1758.8	1749.2
80	254	174	201	1786.3	1760.4	1750.5
80	255	175	201	1787.1	1760.4	1750.3
80	256	176	201	1787.8	1761.9	1751.4
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
81	162	81	204	1236.8	1166.1	1173.4
81	163	82	204	1247.8	1182.2	1189.0
81	164	83	204	1258.8	1196.1	1202.6
81	165	84	204	1269.6	1211.7	1217.6
81	166	85	204	1280.3	1225.0	1230.7
81	167	86	204	1290.9	1240.0	1245.3
81	168	87	204	1301.4	1252.8	1257.8
81	169	88	204	1311.8	1267.3	1271.8
81	170	89	204	1322.1	1279.6	1283.9
81	171	90	204	1332.3	1293.5	1297.4
81	172	91	204	1342.4	1305.3	1309.1
81	173	92	204	1352.3	1318.7	1322.1

Supplementary file for Table-3

81	174	93	204	1362.2	1330.0	1333.2
81	175	94	204	1371.9	1342.9	1345.8
81	176	95	204	1381.6	1353.7	1356.5
81	177	96	204	1391.1	1366.2	1368.6
81	178	97	204	1400.5	1376.6	1378.9
81	179	98	204	1409.9	1388.6	1390.6
81	180	99	204	1419.1	1398.5	1400.4
81	181	100	204	1428.2	1410.1	1411.7
81	182	101	204	1437.2	1419.6	1421.1
81	183	102	204	1446.0	1430.7	1432.0
81	184	103	204	1454.8	1439.8	1441.0
81	185	104	204	1463.5	1450.5	1451.4
81	186	105	204	1472.0	1459.3	1460.1
81	187	106	204	1480.5	1469.6	1470.2
81	188	107	204	1488.8	1477.9	1478.4
81	189	108	204	1497.1	1487.8	1488.1
81	190	109	204	1505.2	1495.8	1496.0
81	191	110	204	1513.2	1505.3	1505.3
81	192	111	204	1521.1	1512.9	1512.9
81	193	112	204	1529.0	1522.1	1521.9
81	194	113	204	1536.7	1529.4	1529.1
81	195	114	204	1544.2	1538.2	1537.7
81	196	115	204	1551.7	1545.1	1544.6
81	197	116	204	1559.1	1553.6	1552.9
81	198	117	204	1566.4	1560.2	1559.4
81	199	118	204	1573.5	1568.4	1567.4
81	200	119	204	1580.6	1574.6	1573.6
81	201	120	204	1587.5	1582.5	1581.2
81	202	121	204	1594.4	1588.4	1587.2
81	203	122	204	1601.1	1596.0	1594.5
81	204	123	204	1607.7	1601.6	1600.1
81	205	124	204	1614.2	1608.8	1607.2
81	206	125	204	1620.6	1614.2	1612.5
81	207	126	204	1626.9	1621.1	1619.2
81	208	127	204	1633.1	1626.2	1624.3
81	209	128	204	1639.2	1632.9	1630.7
81	210	129	204	1645.2	1637.7	1635.5
81	211	130	204	1651.0	1644.1	1641.7
81	212	131	204	1656.8	1648.6	1646.2
81	213	132	204	1662.5	1654.7	1652.1
81	214	133	204	1668.0	1659.0	1656.4
81	215	134	204	1673.4	1664.8	1662.0
81	216	135	204	1678.8	1668.9	1666.0
81	217	136	204	1684.0	1674.4	1671.4
81	218	137	204	1689.1	1678.2	1675.1
81	219	138	204	1694.1	1683.6	1680.2
81	220	139	204	1699.0	1687.1	1683.7
81	221	140	204	1703.8	1692.2	1688.6
81	222	141	204	1708.5	1695.5	1691.9
81	223	142	204	1713.1	1700.4	1696.5
81	224	143	204	1717.5	1703.5	1699.6
81	225	144	204	1721.9	1708.1	1704.0
81	226	145	204	1726.2	1711.0	1706.8

Supplementary file for Table-3

81	227	146	204	1730.3	1715.4	1710.9
81	228	147	204	1734.4	1718.0	1713.5
81	229	148	204	1738.3	1722.2	1717.5
81	230	149	204	1742.1	1724.7	1719.9
81	231	150	204	1745.8	1728.6	1723.6
81	232	151	204	1749.4	1730.9	1725.8
81	233	152	204	1752.9	1734.7	1729.3
81	234	153	204	1756.3	1736.7	1731.2
81	235	154	204	1759.6	1740.3	1734.5
81	236	155	204	1762.8	1742.2	1736.3
81	237	156	204	1765.9	1745.5	1739.4
81	238	157	204	1768.9	1747.2	1741.0
81	239	158	204	1771.7	1750.4	1743.9
81	240	159	204	1774.5	1751.9	1745.3
81	241	160	204	1777.1	1754.8	1748.0
81	242	161	204	1779.7	1756.2	1749.2
81	243	162	204	1782.1	1759.0	1751.7
81	244	163	204	1784.4	1760.1	1752.7
81	245	164	204	1786.6	1762.7	1755.0
81	246	165	204	1788.8	1763.7	1755.9
81	247	166	204	1790.8	1766.2	1758.0
81	248	167	204	1792.7	1767.0	1758.7
81	249	168	204	1794.5	1769.3	1760.7
81	250	169	204	1796.1	1769.9	1761.2
81	251	170	204	1797.7	1772.0	1762.9
81	252	171	204	1799.2	1772.5	1763.3
81	253	172	204	1800.5	1774.5	1764.9
81	254	173	204	1801.8	1774.8	1765.1
81	255	174	204	1803.0	1776.6	1766.5
81	256	175	204	1804.0	1776.8	1766.5
81	257	176	204	1804.9	1778.5	1767.8
81	258	177	204	1805.8	1778.5	1767.7
81	259	178	204	1806.5	1780.0	1768.8
81	260	179	204	1807.1	1779.9	1768.5
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
82	164	82	207	1247.8	1177.5	1184.7
82	165	83	207	1258.8	1191.7	1198.6
82	166	84	207	1269.7	1207.5	1213.9
82	167	85	207	1280.6	1221.2	1227.3
82	168	86	207	1291.3	1236.5	1242.1
82	169	87	207	1301.9	1249.6	1255.0
82	170	88	207	1312.4	1264.3	1269.3
82	171	89	207	1322.8	1277.0	1281.7
82	172	90	207	1333.1	1291.2	1295.5
82	173	91	207	1343.3	1303.3	1307.4
82	174	92	207	1353.4	1317.0	1320.7
82	175	93	207	1363.4	1328.6	1332.1
82	176	94	207	1373.3	1341.8	1345.0
82	177	95	207	1383.0	1352.9	1355.9
82	178	96	207	1392.7	1365.6	1368.3
82	179	97	207	1402.2	1376.3	1378.9
82	180	98	207	1411.7	1388.6	1390.8
82	181	99	207	1421.0	1398.8	1400.9

Supplementary file for Table-3

82	182	100	207	1430.3	1410.6	1412.5
82	183	101	207	1439.4	1420.5	1422.2
82	184	102	207	1448.4	1431.9	1433.3
82	185	103	207	1457.3	1441.3	1442.6
82	186	104	207	1466.1	1452.2	1453.3
82	187	105	207	1474.8	1461.2	1462.2
82	188	106	207	1483.4	1471.8	1472.5
82	189	107	207	1491.9	1480.4	1481.0
82	190	108	207	1500.3	1490.6	1491.0
82	191	109	207	1508.6	1498.8	1499.2
82	192	110	207	1516.7	1508.6	1508.7
82	193	111	207	1524.8	1516.5	1516.5
82	194	112	207	1532.8	1526.0	1525.8
82	195	113	207	1540.6	1533.5	1533.2
82	196	114	207	1548.4	1542.6	1542.1
82	197	115	207	1556.0	1549.7	1549.2
82	198	116	207	1563.5	1558.5	1557.7
82	199	117	207	1571.0	1565.3	1564.5
82	200	118	207	1578.3	1573.7	1572.7
82	201	119	207	1585.5	1580.3	1579.2
82	202	120	207	1592.6	1588.3	1587.1
82	203	121	207	1599.6	1594.6	1593.3
82	204	122	207	1606.5	1602.3	1600.8
82	205	123	207	1613.3	1608.2	1606.7
82	206	124	207	1619.9	1615.7	1613.9
82	207	125	207	1626.5	1621.3	1619.5
82	208	126	207	1633.0	1628.5	1626.5
82	209	127	207	1639.4	1633.8	1631.8
82	210	128	207	1645.6	1640.7	1638.4
82	211	129	207	1651.8	1645.7	1643.5
82	212	130	207	1657.8	1652.3	1649.8
82	213	131	207	1663.7	1657.1	1654.6
82	214	132	207	1669.6	1663.4	1660.7
82	215	133	207	1675.3	1668.0	1665.2
82	216	134	207	1680.9	1674.0	1671.0
82	217	135	207	1686.4	1678.3	1675.2
82	218	136	207	1691.8	1684.1	1680.8
82	219	137	207	1697.1	1688.1	1684.8
82	220	138	207	1702.3	1693.6	1690.1
82	221	139	207	1707.4	1697.4	1693.9
82	222	140	207	1712.4	1702.7	1698.9
82	223	141	207	1717.3	1706.3	1702.4
82	224	142	207	1722.1	1711.3	1707.3
82	225	143	207	1726.7	1714.6	1710.5
82	226	144	207	1731.3	1719.5	1715.1
82	227	145	207	1735.7	1722.6	1718.2
82	228	146	207	1740.1	1727.2	1722.5
82	229	147	207	1744.3	1730.0	1725.3
82	230	148	207	1748.5	1734.4	1729.5
82	231	149	207	1752.5	1737.1	1732.1
82	232	150	207	1756.4	1741.3	1736.0
82	233	151	207	1760.2	1743.7	1738.4
82	234	152	207	1763.9	1747.7	1742.1

Supplementary file for Table-3

82	235	153	207	1767.5	1750.0	1744.2
82	236	154	207	1771.0	1753.7	1747.7
82	237	155	207	1774.4	1755.8	1749.7
82	238	156	207	1777.7	1759.3	1753.0
82	239	157	207	1780.9	1761.2	1754.8
82	240	158	207	1784.0	1764.6	1757.9
82	241	159	207	1787.0	1766.3	1759.4
82	242	160	207	1789.8	1769.4	1762.3
82	243	161	207	1792.6	1771.0	1763.7
82	244	162	207	1795.2	1774.0	1766.4
82	245	163	207	1797.8	1775.3	1767.6
82	246	164	207	1800.2	1778.1	1770.1
82	247	165	207	1802.6	1779.3	1771.2
82	248	166	207	1804.8	1781.9	1773.5
82	249	167	207	1806.9	1782.9	1774.3
82	250	168	207	1808.9	1785.4	1776.5
82	251	169	207	1810.9	1786.2	1777.2
82	252	170	207	1812.7	1788.5	1779.2
82	253	171	207	1814.4	1789.2	1779.7
82	254	172	207	1816.0	1791.3	1781.5
82	255	173	207	1817.5	1791.9	1781.8
82	256	174	207	1818.8	1793.8	1783.4
82	257	175	207	1820.1	1794.2	1783.6
82	258	176	207	1821.3	1796.0	1785.1
82	259	177	207	1822.4	1796.2	1785.1
82	260	178	207	1823.3	1797.9	1786.4
82	261	179	207	1824.2	1798.0	1786.3
82	262	180	207	1824.9	1799.5	1787.4
82	263	181	207	1825.6	1799.4	1787.1
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
83	166	83	210	1258.6	1184.9	1192.4
83	167	84	210	1269.7	1201.1	1208.1
83	168	85	210	1280.6	1215.1	1221.8
83	169	86	210	1291.5	1230.6	1236.9
83	170	87	210	1302.2	1244.1	1250.0
83	171	88	210	1312.8	1259.1	1264.6
83	172	89	210	1323.3	1272.0	1277.3
83	173	90	210	1333.7	1286.5	1291.4
83	174	91	210	1344.0	1299.0	1303.6
83	175	92	210	1354.3	1312.9	1317.2
83	176	93	210	1364.3	1324.9	1328.9
83	177	94	210	1374.3	1338.3	1342.0
83	178	95	210	1384.2	1349.8	1353.3
83	179	96	210	1394.0	1362.8	1365.9
83	180	97	210	1403.7	1373.8	1376.7
83	181	98	210	1413.3	1386.3	1389.0
83	182	99	210	1422.7	1396.9	1399.4
83	183	100	210	1432.1	1409.0	1411.2
83	184	101	210	1441.4	1419.1	1421.1
83	185	102	210	1450.5	1430.7	1432.5
83	186	103	210	1459.6	1440.4	1442.1
83	187	104	210	1468.5	1451.7	1453.0
83	188	105	210	1477.3	1461.0	1462.2

Supplementary file for Table-3

83	189	106	210	1486.1	1471.8	1472.8
83	190	107	210	1494.7	1480.7	1481.6
83	191	108	210	1503.2	1491.1	1491.8
83	192	109	210	1511.6	1499.7	1500.2
83	193	110	210	1519.9	1509.7	1510.0
83	194	111	210	1528.1	1517.9	1518.1
83	195	112	210	1536.2	1527.6	1527.6
83	196	113	210	1544.2	1535.4	1535.3
83	197	114	210	1552.1	1544.7	1544.4
83	198	115	210	1559.9	1552.1	1551.8
83	199	116	210	1567.6	1561.1	1560.6
83	200	117	210	1575.2	1568.2	1567.6
83	201	118	210	1582.7	1576.9	1576.0
83	202	119	210	1590.0	1583.7	1582.8
83	203	120	210	1597.3	1592.0	1590.9
83	204	121	210	1604.4	1598.5	1597.3
83	205	122	210	1611.5	1606.5	1605.1
83	206	123	210	1618.4	1612.7	1611.2
83	207	124	210	1625.3	1620.3	1618.7
83	208	125	210	1632.0	1626.2	1624.5
83	209	126	210	1638.7	1633.6	1631.7
83	210	127	210	1645.2	1639.2	1637.2
83	211	128	210	1651.6	1646.3	1644.1
83	212	129	210	1657.9	1651.6	1649.4
83	213	130	210	1664.1	1658.4	1656.0
83	214	131	210	1670.2	1663.4	1661.0
83	215	132	210	1676.2	1670.0	1667.3
83	216	133	210	1682.1	1674.8	1672.0
83	217	134	210	1687.9	1681.0	1678.1
83	218	135	210	1693.6	1685.5	1682.5
83	219	136	210	1699.2	1691.5	1688.3
83	220	137	210	1704.7	1695.8	1692.5
83	221	138	210	1710.1	1701.6	1698.1
83	222	139	210	1715.3	1705.6	1702.0
83	223	140	210	1720.5	1711.1	1707.3
83	224	141	210	1725.6	1714.9	1711.0
83	225	142	210	1730.5	1720.1	1716.1
83	226	143	210	1735.4	1723.7	1719.5
83	227	144	210	1740.1	1728.7	1724.3
83	228	145	210	1744.8	1732.0	1727.6
83	229	146	210	1749.3	1736.8	1732.2
83	230	147	210	1753.7	1739.9	1735.2
83	231	148	210	1758.1	1744.5	1739.5
83	232	149	210	1762.3	1747.4	1742.3
83	233	150	210	1766.4	1751.8	1746.4
83	234	151	210	1770.4	1754.5	1749.0
83	235	152	210	1774.4	1758.6	1752.9
83	236	153	210	1778.2	1761.1	1755.3
83	237	154	210	1781.9	1765.1	1759.0
83	238	155	210	1785.5	1767.3	1761.2
83	239	156	210	1789.0	1771.1	1764.7
83	240	157	210	1792.3	1773.2	1766.6
83	241	158	210	1795.6	1776.7	1769.9

Supplementary file for Table-3

83	242	159	210	1798.8	1778.6	1771.7
83	243	160	210	1801.9	1782.0	1774.8
83	244	161	210	1804.9	1783.7	1776.4
83	245	162	210	1807.7	1786.9	1779.3
83	246	163	210	1810.5	1788.4	1780.7
83	247	164	210	1813.2	1791.4	1783.4
83	248	165	210	1815.7	1792.8	1784.6
83	249	166	210	1818.2	1795.6	1787.1
83	250	167	210	1820.5	1796.8	1788.1
83	251	168	210	1822.7	1799.5	1790.5
83	252	169	210	1824.9	1800.5	1791.3
83	253	170	210	1826.9	1803.0	1793.5
83	254	171	210	1828.8	1803.8	1794.2
83	255	172	210	1830.7	1806.1	1796.2
83	256	173	210	1832.4	1806.9	1796.7
83	257	174	210	1834.0	1809.0	1798.5
83	258	175	210	1835.5	1809.6	1798.8
83	259	176	210	1836.9	1811.6	1800.5
83	260	177	210	1838.2	1812.0	1800.7
83	261	178	210	1839.4	1813.8	1802.2
83	262	179	210	1840.5	1814.1	1802.2
83	263	180	210	1841.5	1815.7	1803.5
83	264	181	210	1842.4	1815.9	1803.4
83	265	182	210	1843.2	1817.4	1804.6
83	266	183	210	1843.9	1817.4	1804.3
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
84	168	84	213	1269.4	1196.0	1203.5
84	169	85	213	1280.5	1210.3	1217.5
84	170	86	213	1291.4	1226.2	1232.9
84	171	87	213	1302.2	1239.9	1246.3
84	172	88	213	1313.0	1255.3	1261.2
84	173	89	213	1323.6	1268.5	1274.1
84	174	90	213	1334.1	1283.3	1288.5
84	175	91	213	1344.5	1296.0	1301.0
84	176	92	213	1354.9	1310.3	1314.8
84	177	93	213	1365.1	1322.5	1326.8
84	178	94	213	1375.2	1336.3	1340.2
84	179	95	213	1385.2	1348.0	1351.8
84	180	96	213	1395.1	1361.3	1364.7
84	181	97	213	1404.9	1372.6	1375.8
84	182	98	213	1414.6	1385.4	1388.3
84	183	99	213	1424.2	1396.2	1398.9
84	184	100	213	1433.7	1408.6	1411.0
84	185	101	213	1443.0	1419.0	1421.2
84	186	102	213	1452.3	1430.9	1432.9
84	187	103	213	1461.5	1440.9	1442.7
84	188	104	213	1470.6	1452.4	1453.9
84	189	105	213	1479.5	1462.0	1463.4
84	190	106	213	1488.4	1473.1	1474.2
84	191	107	213	1497.2	1482.2	1483.3
84	192	108	213	1505.8	1492.9	1493.7
84	193	109	213	1514.4	1501.7	1502.4
84	194	110	213	1522.8	1512.0	1512.5

Supplementary file for Table-3

84	195	111	213	1531.2	1520.5	1520.8
84	196	112	213	1539.4	1530.4	1530.5
84	197	113	213	1547.6	1538.5	1538.5
84	198	114	213	1555.6	1548.0	1547.8
84	199	115	213	1563.5	1555.8	1555.5
84	200	116	213	1571.3	1565.0	1564.5
84	201	117	213	1579.1	1572.4	1571.8
84	202	118	213	1586.7	1581.3	1580.4
84	203	119	213	1594.2	1588.3	1587.4
84	204	120	213	1601.6	1596.9	1595.8
84	205	121	213	1608.9	1603.6	1602.4
84	206	122	213	1616.1	1611.8	1610.4
84	207	123	213	1623.2	1618.2	1616.8
84	208	124	213	1630.2	1626.2	1624.5
84	209	125	213	1637.1	1632.3	1630.6
84	210	126	213	1643.9	1639.9	1638.0
84	211	127	213	1650.6	1645.7	1643.7
84	212	128	213	1657.2	1653.1	1650.9
84	213	129	213	1663.7	1658.6	1656.3
84	214	130	213	1670.1	1665.7	1663.2
84	215	131	213	1676.3	1670.9	1668.4
84	216	132	213	1682.5	1677.7	1674.9
84	217	133	213	1688.6	1682.7	1679.9
84	218	134	213	1694.5	1689.2	1686.1
84	219	135	213	1700.4	1693.9	1690.8
84	220	136	213	1706.2	1700.1	1696.8
84	221	137	213	1711.8	1704.6	1701.2
84	222	138	213	1717.4	1710.6	1707.0
84	223	139	213	1722.8	1714.8	1711.2
84	224	140	213	1728.2	1720.6	1716.7
84	225	141	213	1733.4	1724.6	1720.6
84	226	142	213	1738.5	1730.0	1725.8
84	227	143	213	1743.6	1733.8	1729.5
84	228	144	213	1748.5	1739.1	1734.5
84	229	145	213	1753.3	1742.6	1738.0
84	230	146	213	1758.1	1747.6	1742.8
84	231	147	213	1762.7	1750.9	1746.0
84	232	148	213	1767.2	1755.7	1750.5
84	233	149	213	1771.6	1758.8	1753.5
84	234	150	213	1775.9	1763.4	1757.9
84	235	151	213	1780.1	1766.3	1760.6
84	236	152	213	1784.2	1770.6	1764.8
84	237	153	213	1788.2	1773.3	1767.3
84	238	154	213	1792.1	1777.5	1771.2
84	239	155	213	1795.9	1779.9	1773.6
84	240	156	213	1799.6	1783.9	1777.3
84	241	157	213	1803.2	1786.2	1779.4
84	242	158	213	1806.7	1789.9	1782.9
84	243	159	213	1810.1	1792.0	1784.9
84	244	160	213	1813.4	1795.6	1788.1
84	245	161	213	1816.5	1797.5	1789.9
84	246	162	213	1819.6	1800.9	1793.0
84	247	163	213	1822.6	1802.6	1794.6

Supplementary file for Table-3

84	248	164	213	1825.5	1805.8	1797.5
84	249	165	213	1828.2	1807.3	1798.9
84	250	166	213	1830.9	1810.3	1801.6
84	251	167	213	1833.4	1811.7	1802.8
84	252	168	213	1835.9	1814.5	1805.3
84	253	169	213	1838.3	1815.8	1806.4
84	254	170	213	1840.5	1818.4	1808.7
84	255	171	213	1842.7	1819.5	1809.6
84	256	172	213	1844.7	1822.0	1811.7
84	257	173	213	1846.6	1822.9	1812.4
84	258	174	213	1848.5	1825.2	1814.4
84	259	175	213	1850.2	1825.9	1815.0
84	260	176	213	1851.9	1828.1	1816.8
84	261	177	213	1853.4	1828.7	1817.2
84	262	178	213	1854.8	1830.7	1818.8
84	263	179	213	1856.1	1831.1	1819.0
84	264	180	213	1857.4	1833.0	1820.5
84	265	181	213	1858.5	1833.3	1820.6
84	266	182	213	1859.5	1835.0	1821.9
84	267	183	213	1860.4	1835.1	1821.8
84	268	184	213	1861.2	1836.7	1823.0
84	269	185	213	1861.9	1836.7	1822.8
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
85	170	85	217	1276.2	1203.2	1211.0
85	171	86	217	1287.4	1219.4	1226.7
85	172	87	217	1298.4	1233.5	1240.4
85	173	88	217	1309.3	1249.1	1255.6
85	174	89	217	1320.1	1262.6	1268.8
85	175	90	217	1330.8	1277.7	1283.5
85	176	91	217	1341.4	1290.7	1296.2
85	177	92	217	1351.9	1305.3	1310.4
85	178	93	217	1362.3	1317.8	1322.7
85	179	94	217	1372.6	1331.9	1336.4
85	180	95	217	1382.8	1343.9	1348.2
85	181	96	217	1392.9	1357.5	1361.4
85	182	97	217	1402.9	1369.1	1372.7
85	183	98	217	1412.8	1382.2	1385.5
85	184	99	217	1422.6	1393.3	1396.4
85	185	100	217	1432.3	1405.9	1408.8
85	186	101	217	1441.8	1416.6	1419.3
85	187	102	217	1451.3	1428.8	1431.2
85	188	103	217	1460.7	1439.1	1441.3
85	189	104	217	1470.0	1450.9	1452.8
85	190	105	217	1479.2	1460.7	1462.5
85	191	106	217	1488.2	1472.1	1473.6
85	192	107	217	1497.2	1481.5	1482.9
85	193	108	217	1506.1	1492.5	1493.6
85	194	109	217	1514.8	1501.6	1502.5
85	195	110	217	1523.5	1512.1	1512.9
85	196	111	217	1532.1	1520.8	1521.4
85	197	112	217	1540.5	1531.0	1531.4
85	198	113	217	1548.9	1539.4	1539.6
85	199	114	217	1557.2	1549.2	1549.2

Supplementary file for Table-3

85	200	115	217	1565.3	1557.2	1557.1
85	201	116	217	1573.4	1566.7	1566.4
85	202	117	217	1581.3	1574.3	1573.9
85	203	118	217	1589.2	1583.4	1582.8
85	204	119	217	1596.9	1590.7	1590.0
85	205	120	217	1604.6	1599.5	1598.6
85	206	121	217	1612.1	1606.5	1605.5
85	207	122	217	1619.6	1615.0	1613.8
85	208	123	217	1626.9	1621.7	1620.4
85	209	124	217	1634.1	1629.8	1628.3
85	210	125	217	1641.3	1636.2	1634.6
85	211	126	217	1648.3	1644.1	1642.3
85	212	127	217	1655.3	1650.1	1648.2
85	213	128	217	1662.1	1657.7	1655.6
85	214	129	217	1668.8	1663.5	1661.3
85	215	130	217	1675.5	1670.8	1668.4
85	216	131	217	1682.0	1676.3	1673.8
85	217	132	217	1688.4	1683.3	1680.6
85	218	133	217	1694.7	1688.5	1685.7
85	219	134	217	1701.0	1695.2	1692.2
85	220	135	217	1707.1	1700.2	1697.1
85	221	136	217	1713.1	1706.6	1703.4
85	222	137	217	1719.0	1711.3	1708.0
85	223	138	217	1724.8	1717.5	1714.0
85	224	139	217	1730.5	1722.0	1718.3
85	225	140	217	1736.2	1727.9	1724.1
85	226	141	217	1741.7	1732.2	1728.2
85	227	142	217	1747.1	1737.9	1733.7
85	228	143	217	1752.4	1741.8	1737.6
85	229	144	217	1757.6	1747.3	1742.8
85	230	145	217	1762.7	1751.1	1746.4
85	231	146	217	1767.7	1756.3	1751.4
85	232	147	217	1772.6	1759.8	1754.9
85	233	148	217	1777.4	1764.8	1759.6
85	234	149	217	1782.1	1768.1	1762.8
85	235	150	217	1786.7	1772.9	1767.4
85	236	151	217	1791.2	1776.0	1770.3
85	237	152	217	1795.6	1780.6	1774.7
85	238	153	217	1799.9	1783.4	1777.4
85	239	154	217	1804.1	1787.8	1781.5
85	240	155	217	1808.2	1790.5	1784.1
85	241	156	217	1812.2	1794.6	1788.0
85	242	157	217	1816.0	1797.1	1790.3
85	243	158	217	1819.8	1801.1	1794.0
85	244	159	217	1823.5	1803.4	1796.2
85	245	160	217	1827.1	1807.1	1799.6
85	246	161	217	1830.6	1809.2	1801.6
85	247	162	217	1834.0	1812.8	1804.9
85	248	163	217	1837.2	1814.7	1806.6
85	249	164	217	1840.4	1818.1	1809.7
85	250	165	217	1843.5	1819.8	1811.3
85	251	166	217	1846.5	1823.0	1814.2
85	252	167	217	1849.4	1824.6	1815.6

Supplementary file for Table-3

85	253	168	217	1852.1	1827.6	1818.3
85	254	169	217	1854.8	1829.0	1819.5
85	255	170	217	1857.4	1831.9	1822.0
85	256	171	217	1859.8	1833.1	1823.1
85	257	172	217	1862.2	1835.8	1825.4
85	258	173	217	1864.5	1836.9	1826.3
85	259	174	217	1866.6	1839.4	1828.5
85	260	175	217	1868.7	1840.3	1829.2
85	261	176	217	1870.7	1842.6	1831.2
85	262	177	217	1872.5	1843.4	1831.8
85	263	178	217	1874.3	1845.6	1833.6
85	264	179	217	1876.0	1846.2	1834.0
85	265	180	217	1877.5	1848.2	1835.7
85	266	181	217	1879.0	1848.7	1835.9
85	267	182	217	1880.3	1850.6	1837.4
85	268	183	217	1881.6	1850.9	1837.5
85	269	184	217	1882.8	1852.6	1838.8
85	270	185	217	1883.8	1852.8	1838.8
85	271	186	217	1884.8	1854.4	1839.9
85	272	187	217	1885.6	1854.4	1839.7
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
86	172	86	220	1286.8	1214.0	1221.8
86	173	87	220	1297.9	1228.4	1235.8
86	174	88	220	1309.0	1244.3	1251.3
86	175	89	220	1319.9	1258.1	1264.8
86	176	90	220	1330.7	1273.5	1279.7
86	177	91	220	1341.4	1286.8	1292.7
86	178	92	220	1352.0	1301.7	1307.2
86	179	93	220	1362.5	1314.5	1319.7
86	180	94	220	1372.9	1328.9	1333.7
86	181	95	220	1383.2	1341.2	1345.8
86	182	96	220	1393.4	1355.0	1359.2
86	183	97	220	1403.5	1366.9	1370.9
86	184	98	220	1413.5	1380.3	1383.9
86	185	99	220	1423.4	1391.7	1395.1
86	186	100	220	1433.2	1404.6	1407.7
86	187	101	220	1442.9	1415.5	1418.5
86	188	102	220	1452.5	1428.0	1430.6
86	189	103	220	1462.0	1438.6	1441.0
86	190	104	220	1471.4	1450.6	1452.7
86	191	105	220	1480.7	1460.7	1462.7
86	192	106	220	1489.9	1472.4	1474.1
86	193	107	220	1499.0	1482.1	1483.6
86	194	108	220	1508.0	1493.3	1494.6
86	195	109	220	1516.9	1502.6	1503.8
86	196	110	220	1525.7	1513.5	1514.4
86	197	111	220	1534.4	1522.4	1523.2
86	198	112	220	1543.0	1532.9	1533.4
86	199	113	220	1551.5	1541.5	1541.9
86	200	114	220	1559.9	1551.6	1551.7
86	201	115	220	1568.1	1559.8	1559.8
86	202	116	220	1576.3	1569.5	1569.3
86	203	117	220	1584.4	1577.4	1577.1

Supplementary file for Table-3

86	204	118	220	1592.4	1586.8	1586.3
86	205	119	220	1600.3	1594.3	1593.7
86	206	120	220	1608.1	1603.4	1602.5
86	207	121	220	1615.8	1610.6	1609.7
86	208	122	220	1623.4	1619.4	1618.2
86	209	123	220	1630.8	1626.3	1625.0
86	210	124	220	1638.2	1634.7	1633.2
86	211	125	220	1645.5	1641.3	1639.7
86	212	126	220	1652.7	1649.4	1647.6
86	213	127	220	1659.8	1655.7	1653.8
86	214	128	220	1666.8	1663.5	1661.4
86	215	129	220	1673.6	1669.5	1667.3
86	216	130	220	1680.4	1677.0	1674.6
86	217	131	220	1687.1	1682.7	1680.2
86	218	132	220	1693.7	1689.9	1687.2
86	219	133	220	1700.2	1695.4	1692.6
86	220	134	220	1706.5	1702.4	1699.3
86	221	135	220	1712.8	1707.5	1704.4
86	222	136	220	1719.0	1714.2	1710.9
86	223	137	220	1725.1	1719.2	1715.7
86	224	138	220	1731.1	1725.6	1721.9
86	225	139	220	1736.9	1730.3	1726.5
86	226	140	220	1742.7	1736.4	1732.5
86	227	141	220	1748.4	1740.9	1736.8
86	228	142	220	1754.0	1746.8	1742.5
86	229	143	220	1759.4	1751.0	1746.6
86	230	144	220	1764.8	1756.6	1752.0
86	231	145	220	1770.1	1760.6	1755.9
86	232	146	220	1775.3	1766.0	1761.1
86	233	147	220	1780.4	1769.8	1764.7
86	234	148	220	1785.3	1775.0	1769.7
86	235	149	220	1790.2	1778.5	1773.1
86	236	150	220	1795.0	1783.5	1777.8
86	237	151	220	1799.7	1786.8	1781.0
86	238	152	220	1804.2	1791.5	1785.5
86	239	153	220	1808.7	1794.6	1788.5
86	240	154	220	1813.1	1799.2	1792.8
86	241	155	220	1817.3	1802.1	1795.5
86	242	156	220	1821.5	1806.4	1799.6
86	243	157	220	1825.6	1809.1	1802.1
86	244	158	220	1829.6	1813.2	1806.0
86	245	159	220	1833.4	1815.7	1808.4
86	246	160	220	1837.2	1819.7	1812.0
86	247	161	220	1840.9	1822.0	1814.2
86	248	162	220	1844.5	1825.7	1817.6
86	249	163	220	1847.9	1827.9	1819.6
86	250	164	220	1851.3	1831.4	1822.9
86	251	165	220	1854.6	1833.4	1824.6
86	252	166	220	1857.7	1836.7	1827.7
86	253	167	220	1860.8	1838.5	1829.3
86	254	168	220	1863.8	1841.7	1832.2
86	255	169	220	1866.7	1843.3	1833.6
86	256	170	220	1869.4	1846.3	1836.3

Supplementary file for Table-3

86	257	171	220	1872.1	1847.7	1837.5
86	258	172	220	1874.7	1850.6	1840.1
86	259	173	220	1877.2	1851.8	1841.1
86	260	174	220	1879.5	1854.5	1843.5
86	261	175	220	1881.8	1855.6	1844.4
86	262	176	220	1884.0	1858.1	1846.5
86	263	177	220	1886.1	1859.1	1847.3
86	264	178	220	1888.0	1861.4	1849.3
86	265	179	220	1889.9	1862.2	1849.8
86	266	180	220	1891.7	1864.4	1851.7
86	267	181	220	1893.3	1865.1	1852.1
86	268	182	220	1894.9	1867.1	1853.7
86	269	183	220	1896.4	1867.6	1854.0
86	270	184	220	1897.8	1869.5	1855.5
86	271	185	220	1899.0	1869.9	1855.6
86	272	186	220	1900.2	1871.6	1857.0
86	273	187	220	1901.3	1871.8	1856.9
86	274	188	220	1902.3	1873.4	1858.1
86	275	189	220	1903.1	1873.5	1857.9
86	276	190	220	1903.9	1875.0	1859.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
87	174	87	223	1297.3	1221.0	1229.1
87	175	88	223	1308.4	1237.3	1244.8
87	176	89	223	1319.4	1251.4	1258.6
87	177	90	223	1330.4	1267.1	1273.8
87	178	91	223	1341.2	1280.7	1287.1
87	179	92	223	1351.9	1295.8	1301.8
87	180	93	223	1362.5	1308.9	1314.7
87	181	94	223	1373.0	1323.6	1328.9
87	182	95	223	1383.4	1336.2	1341.3
87	183	96	223	1393.7	1350.3	1355.0
87	184	97	223	1403.9	1362.5	1366.9
87	185	98	223	1414.0	1376.1	1380.2
87	186	99	223	1424.0	1387.8	1391.7
87	187	100	223	1434.0	1401.0	1404.6
87	188	101	223	1443.8	1412.3	1415.6
87	189	102	223	1453.5	1425.0	1428.0
87	190	103	223	1463.1	1435.8	1438.6
87	191	104	223	1472.6	1448.1	1450.7
87	192	105	223	1482.0	1458.5	1460.9
87	193	106	223	1491.3	1470.4	1472.5
87	194	107	223	1500.5	1480.4	1482.3
87	195	108	223	1509.7	1491.9	1493.5
87	196	109	223	1518.7	1501.5	1503.0
87	197	110	223	1527.6	1512.6	1513.8
87	198	111	223	1536.4	1521.8	1522.9
87	199	112	223	1545.1	1532.6	1533.4
87	200	113	223	1553.7	1541.4	1542.1
87	201	114	223	1562.3	1551.7	1552.2
87	202	115	223	1570.7	1560.2	1560.5
87	203	116	223	1579.0	1570.2	1570.3
87	204	117	223	1587.2	1578.4	1578.3
87	205	118	223	1595.3	1588.0	1587.7

Supplementary file for Table-3

87	206	119	223	1603.4	1595.8	1595.4
87	207	120	223	1611.3	1605.1	1604.5
87	208	121	223	1619.1	1612.6	1611.8
87	209	122	223	1626.8	1621.5	1620.6
87	210	123	223	1634.5	1628.7	1627.6
87	211	124	223	1642.0	1637.4	1636.0
87	212	125	223	1649.4	1644.2	1642.8
87	213	126	223	1656.7	1652.5	1650.9
87	214	127	223	1664.0	1659.1	1657.3
87	215	128	223	1671.1	1667.1	1665.2
87	216	129	223	1678.1	1673.4	1671.3
87	217	130	223	1685.0	1681.1	1678.8
87	218	131	223	1691.9	1687.1	1684.7
87	219	132	223	1698.6	1694.5	1691.9
87	220	133	223	1705.2	1700.2	1697.5
87	221	134	223	1711.8	1707.4	1704.5
87	222	135	223	1718.2	1712.8	1709.8
87	223	136	223	1724.5	1719.7	1716.5
87	224	137	223	1730.8	1724.9	1721.5
87	225	138	223	1736.9	1731.5	1728.0
87	226	139	223	1742.9	1736.4	1732.8
87	227	140	223	1748.9	1742.8	1738.9
87	228	141	223	1754.7	1747.5	1743.5
87	229	142	223	1760.5	1753.6	1749.4
87	230	143	223	1766.1	1758.0	1753.7
87	231	144	223	1771.6	1763.9	1759.3
87	232	145	223	1777.1	1768.1	1763.4
87	233	146	223	1782.4	1773.7	1768.8
87	234	147	223	1787.7	1777.7	1772.6
87	235	148	223	1792.8	1783.1	1777.8
87	236	149	223	1797.8	1786.8	1781.4
87	237	150	223	1802.8	1792.0	1786.3
87	238	151	223	1807.6	1795.5	1789.7
87	239	152	223	1812.4	1800.5	1794.4
87	240	153	223	1817.0	1803.8	1797.6
87	241	154	223	1821.6	1808.5	1802.1
87	242	155	223	1826.0	1811.6	1805.1
87	243	156	223	1830.4	1816.2	1809.3
87	244	157	223	1834.6	1819.1	1812.1
87	245	158	223	1838.8	1823.4	1816.1
87	246	159	223	1842.8	1826.1	1818.7
87	247	160	223	1846.8	1830.2	1822.5
87	248	161	223	1850.7	1832.7	1824.9
87	249	162	223	1854.4	1836.7	1828.5
87	250	163	223	1858.1	1839.0	1830.7
87	251	164	223	1861.6	1842.7	1834.1
87	252	165	223	1865.1	1844.9	1836.1
87	253	166	223	1868.5	1848.4	1839.4
87	254	167	223	1871.7	1850.4	1841.1
87	255	168	223	1874.9	1853.8	1844.2
87	256	169	223	1878.0	1855.5	1845.8
87	257	170	223	1880.9	1858.7	1848.7
87	258	171	223	1883.8	1860.4	1850.1

Supplementary file for Table-3

87	259	172	223	1886.6	1863.4	1852.8
87	260	173	223	1889.2	1864.8	1854.1
87	261	174	223	1891.8	1867.7	1856.6
87	262	175	223	1894.3	1869.0	1857.7
87	263	176	223	1896.7	1871.7	1860.0
87	264	177	223	1898.9	1872.8	1860.9
87	265	178	223	1901.1	1875.3	1863.1
87	266	179	223	1903.2	1876.3	1863.8
87	267	180	223	1905.2	1878.7	1865.8
87	268	181	223	1907.1	1879.5	1866.4
87	269	182	223	1908.9	1881.7	1868.3
87	270	183	223	1910.5	1882.4	1868.7
87	271	184	223	1912.1	1884.4	1870.4
87	272	185	223	1913.6	1885.0	1870.6
87	273	186	223	1915.0	1886.9	1872.2
87	274	187	223	1916.3	1887.3	1872.3
87	275	188	223	1917.5	1889.0	1873.7
87	276	189	223	1918.6	1889.3	1873.6
87	277	190	223	1919.6	1890.9	1874.9
87	278	191	223	1920.5	1891.0	1874.7
87	279	192	223	1921.3	1892.5	1875.8
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
88	176	88	226	1307.8	1231.6	1239.6
88	177	89	226	1318.9	1246.0	1253.7
88	178	90	226	1329.9	1262.0	1269.2
88	179	91	226	1340.8	1275.9	1282.7
88	180	92	226	1351.6	1291.3	1297.7
88	181	93	226	1362.3	1304.7	1310.8
88	182	94	226	1372.9	1319.6	1325.3
88	183	95	226	1383.4	1332.5	1338.0
88	184	96	226	1393.8	1346.9	1352.0
88	185	97	226	1404.1	1359.3	1364.2
88	186	98	226	1414.3	1373.3	1377.7
88	187	99	226	1424.5	1385.2	1389.5
88	188	100	226	1434.5	1398.7	1402.6
88	189	101	226	1444.4	1410.2	1413.9
88	190	102	226	1454.2	1423.3	1426.6
88	191	103	226	1463.9	1434.3	1437.5
88	192	104	226	1473.6	1446.9	1449.7
88	193	105	226	1483.1	1457.6	1460.2
88	194	106	226	1492.5	1469.8	1472.1
88	195	107	226	1501.8	1480.0	1482.1
88	196	108	226	1511.1	1491.8	1493.6
88	197	109	226	1520.2	1501.6	1503.3
88	198	110	226	1529.2	1513.0	1514.4
88	199	111	226	1538.2	1522.5	1523.7
88	200	112	226	1547.0	1533.4	1534.4
88	201	113	226	1555.8	1542.5	1543.4
88	202	114	226	1564.4	1553.2	1553.7
88	203	115	226	1572.9	1561.9	1562.3
88	204	116	226	1581.4	1572.1	1572.3
88	205	117	226	1589.7	1580.5	1580.6
88	206	118	226	1598.0	1590.4	1590.2

Supplementary file for Table-3

88	207	119	226	1606.1	1598.4	1598.1
88	208	120	226	1614.2	1608.0	1607.4
88	209	121	226	1622.1	1615.7	1615.1
88	210	122	226	1630.0	1624.9	1624.0
88	211	123	226	1637.8	1632.3	1631.3
88	212	124	226	1645.4	1641.2	1640.0
88	213	125	226	1653.0	1648.3	1646.9
88	214	126	226	1660.4	1656.9	1655.3
88	215	127	226	1667.8	1663.6	1662.0
88	216	128	226	1675.1	1671.9	1670.0
88	217	129	226	1682.3	1678.4	1676.4
88	218	130	226	1689.3	1686.4	1684.1
88	219	131	226	1696.3	1692.6	1690.2
88	220	132	226	1703.2	1700.2	1697.7
88	221	133	226	1709.9	1706.2	1703.5
88	222	134	226	1716.6	1713.6	1710.6
88	223	135	226	1723.2	1719.2	1716.2
88	224	136	226	1729.7	1726.3	1723.1
88	225	137	226	1736.1	1731.7	1728.4
88	226	138	226	1742.4	1738.6	1735.0
88	227	139	226	1748.5	1743.7	1740.0
88	228	140	226	1754.6	1750.3	1746.4
88	229	141	226	1760.6	1755.2	1751.1
88	230	142	226	1766.5	1761.5	1757.2
88	231	143	226	1772.3	1766.1	1761.7
88	232	144	226	1778.0	1772.2	1767.6
88	233	145	226	1783.6	1776.6	1771.9
88	234	146	226	1789.1	1782.5	1777.5
88	235	147	226	1794.5	1786.6	1781.5
88	236	148	226	1799.8	1792.3	1786.9
88	237	149	226	1805.1	1796.2	1790.7
88	238	150	226	1810.2	1801.6	1795.8
88	239	151	226	1815.2	1805.3	1799.4
88	240	152	226	1820.1	1810.5	1804.3
88	241	153	226	1824.9	1814.0	1807.7
88	242	154	226	1829.6	1818.9	1812.4
88	243	155	226	1834.3	1822.2	1815.5
88	244	156	226	1838.8	1827.0	1820.0
88	245	157	226	1843.2	1830.1	1823.0
88	246	158	226	1847.5	1834.6	1827.2
88	247	159	226	1851.8	1837.5	1829.9
88	248	160	226	1855.9	1841.8	1834.0
88	249	161	226	1859.9	1844.5	1836.5
88	250	162	226	1863.9	1848.6	1840.4
88	251	163	226	1867.7	1851.1	1842.7
88	252	164	226	1871.5	1855.1	1846.3
88	253	165	226	1875.1	1857.4	1848.5
88	254	166	226	1878.7	1861.1	1851.9
88	255	167	226	1882.1	1863.3	1853.9
88	256	168	226	1885.5	1866.8	1857.1
88	257	169	226	1888.7	1868.8	1858.9
88	258	170	226	1891.9	1872.2	1862.0
88	259	171	226	1894.9	1874.0	1863.6

Supplementary file for Table-3

88	260	172	226	1897.9	1877.2	1866.5
88	261	173	226	1900.8	1878.8	1867.9
88	262	174	226	1903.5	1881.9	1870.6
88	263	175	226	1906.2	1883.3	1871.8
88	264	176	226	1908.8	1886.2	1874.4
88	265	177	226	1911.2	1887.5	1875.4
88	266	178	226	1913.6	1890.2	1877.8
88	267	179	226	1915.9	1891.3	1878.7
88	268	180	226	1918.1	1893.9	1880.9
88	269	181	226	1920.2	1894.9	1881.6
88	270	182	226	1922.2	1897.3	1883.7
88	271	183	226	1924.0	1898.1	1884.3
88	272	184	226	1925.8	1900.3	1886.1
88	273	185	226	1927.5	1901.0	1886.5
88	274	186	226	1929.1	1903.1	1888.2
88	275	187	226	1930.6	1903.7	1888.5
88	276	188	226	1932.0	1905.6	1890.1
88	277	189	226	1933.3	1906.0	1890.2
88	278	190	226	1934.6	1907.8	1891.6
88	279	191	226	1935.7	1908.1	1891.6
88	280	192	226	1936.7	1909.7	1892.8
88	281	193	226	1937.6	1909.9	1892.7
88	282	194	226	1938.4	1911.4	1893.7
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
89	178	89	229	1318.1	1238.3	1246.7
89	179	90	229	1329.2	1254.6	1262.4
89	180	91	229	1340.2	1268.8	1276.3
89	181	92	229	1351.1	1284.5	1291.5
89	182	93	229	1361.9	1298.2	1304.9
89	183	94	229	1372.6	1313.4	1319.7
89	184	95	229	1383.2	1326.6	1332.6
89	185	96	229	1393.7	1341.3	1346.9
89	186	97	229	1404.1	1354.0	1359.3
89	187	98	229	1414.4	1368.2	1373.2
89	188	99	229	1424.7	1380.5	1385.2
89	189	100	229	1434.8	1394.2	1398.6
89	190	101	229	1444.8	1406.0	1410.1
89	191	102	229	1454.7	1419.3	1423.1
89	192	103	229	1464.6	1430.7	1434.2
89	193	104	229	1474.3	1443.5	1446.8
89	194	105	229	1483.9	1454.5	1457.5
89	195	106	229	1493.5	1466.9	1469.6
89	196	107	229	1502.9	1477.4	1479.9
89	197	108	229	1512.3	1489.5	1491.7
89	198	109	229	1521.5	1499.6	1501.6
89	199	110	229	1530.7	1511.2	1512.9
89	200	111	229	1539.7	1520.9	1522.5
89	201	112	229	1548.7	1532.2	1533.5
89	202	113	229	1557.5	1541.5	1542.7
89	203	114	229	1566.3	1552.4	1553.3
89	204	115	229	1574.9	1561.4	1562.1
89	205	116	229	1583.5	1571.9	1572.4
89	206	117	229	1592.0	1580.5	1580.9

Supplementary file for Table-3

89	207	118	229	1600.4	1590.7	1590.7
89	208	119	229	1608.6	1599.0	1598.9
89	209	120	229	1616.8	1608.7	1608.4
89	210	121	229	1624.9	1616.7	1616.3
89	211	122	229	1632.9	1626.2	1625.5
89	212	123	229	1640.8	1633.8	1633.0
89	213	124	229	1648.6	1642.9	1641.9
89	214	125	229	1656.3	1650.3	1649.1
89	215	126	229	1663.9	1659.1	1657.7
89	216	127	229	1671.4	1666.1	1664.6
89	217	128	229	1678.8	1674.6	1672.9
89	218	129	229	1686.1	1681.3	1679.5
89	219	130	229	1693.3	1689.5	1687.4
89	220	131	229	1700.4	1695.9	1693.8
89	221	132	229	1707.4	1703.8	1701.4
89	222	133	229	1714.3	1710.0	1707.5
89	223	134	229	1721.1	1717.6	1714.9
89	224	135	229	1727.9	1723.5	1720.6
89	225	136	229	1734.5	1730.8	1727.7
89	226	137	229	1741.0	1736.5	1733.2
89	227	138	229	1747.5	1743.5	1740.1
89	228	139	229	1753.8	1748.9	1745.3
89	229	140	229	1760.0	1755.7	1751.9
89	230	141	229	1766.2	1760.8	1756.9
89	231	142	229	1772.2	1767.4	1763.2
89	232	143	229	1778.2	1772.2	1767.9
89	233	144	229	1784.0	1778.5	1774.0
89	234	145	229	1789.8	1783.1	1778.5
89	235	146	229	1795.4	1789.2	1784.3
89	236	147	229	1801.0	1793.6	1788.5
89	237	148	229	1806.5	1799.4	1794.1
89	238	149	229	1811.8	1803.5	1798.1
89	239	150	229	1817.1	1809.1	1803.4
89	240	151	229	1822.3	1813.1	1807.2
89	241	152	229	1827.4	1818.4	1812.3
89	242	153	229	1832.3	1822.1	1815.9
89	243	154	229	1837.2	1827.3	1820.8
89	244	155	229	1842.0	1830.8	1824.2
89	245	156	229	1846.7	1835.7	1828.8
89	246	157	229	1851.3	1839.0	1832.0
89	247	158	229	1855.8	1843.7	1836.4
89	248	159	229	1860.2	1846.8	1839.3
89	249	160	229	1864.5	1851.4	1843.6
89	250	161	229	1868.7	1854.3	1846.3
89	251	162	229	1872.8	1858.6	1850.3
89	252	163	229	1876.9	1861.3	1852.9
89	253	164	229	1880.8	1865.4	1856.7
89	254	165	229	1884.6	1867.9	1859.0
89	255	166	229	1888.3	1871.9	1862.7
89	256	167	229	1892.0	1874.2	1864.8
89	257	168	229	1895.5	1877.9	1868.2
89	258	169	229	1898.9	1880.1	1870.2
89	259	170	229	1902.3	1883.7	1873.4

Supplementary file for Table-3

89	260	171	229	1905.5	1885.6	1875.2
89	261	172	229	1908.7	1889.0	1878.3
89	262	173	229	1911.7	1890.8	1879.9
89	263	174	229	1914.7	1894.1	1882.8
89	264	175	229	1917.5	1895.7	1884.2
89	265	176	229	1920.3	1898.8	1886.9
89	266	177	229	1923.0	1900.2	1888.2
89	267	178	229	1925.5	1903.1	1890.7
89	268	179	229	1928.0	1904.4	1891.8
89	269	180	229	1930.4	1907.2	1894.1
89	270	181	229	1932.7	1908.3	1895.1
89	271	182	229	1934.9	1910.9	1897.2
89	272	183	229	1936.9	1911.9	1898.0
89	273	184	229	1938.9	1914.3	1900.0
89	274	185	229	1940.8	1915.2	1900.7
89	275	186	229	1942.6	1917.4	1902.5
89	276	187	229	1944.3	1918.2	1903.0
89	277	188	229	1946.0	1920.3	1904.7
89	278	189	229	1947.5	1920.8	1905.0
89	279	190	229	1948.9	1922.8	1906.5
89	280	191	229	1950.2	1923.2	1906.7
89	281	192	229	1951.4	1925.0	1908.1
89	282	193	229	1952.5	1925.4	1908.1
89	283	194	229	1953.6	1927.0	1909.3
89	284	195	229	1954.5	1927.2	1909.2
89	285	196	229	1955.4	1928.7	1910.3
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
90	180	90	232	1328.3	1248.6	1256.9
90	181	91	232	1339.4	1263.1	1271.0
90	182	92	232	1350.4	1279.1	1286.6
90	183	93	232	1361.3	1293.1	1300.2
90	184	94	232	1372.1	1308.5	1315.2
90	185	95	232	1382.8	1322.0	1328.4
90	186	96	232	1393.4	1337.0	1343.0
90	187	97	232	1403.9	1350.0	1355.7
90	188	98	232	1414.3	1364.5	1369.8
90	189	99	232	1424.7	1377.0	1382.1
90	190	100	232	1434.9	1391.0	1395.7
90	191	101	232	1445.0	1403.1	1407.5
90	192	102	232	1455.0	1416.7	1420.7
90	193	103	232	1465.0	1428.3	1432.1
90	194	104	232	1474.8	1441.4	1444.9
90	195	105	232	1484.6	1452.6	1455.9
90	196	106	232	1494.2	1465.3	1468.3
90	197	107	232	1503.7	1476.1	1478.9
90	198	108	232	1513.2	1488.4	1490.8
90	199	109	232	1522.6	1498.8	1501.0
90	200	110	232	1531.8	1510.6	1512.6
90	201	111	232	1541.0	1520.6	1522.4
90	202	112	232	1550.1	1532.1	1533.6
90	203	113	232	1559.0	1541.7	1543.1
90	204	114	232	1567.9	1552.8	1553.9
90	205	115	232	1576.7	1562.1	1563.0

Supplementary file for Table-3

90	206	116	232	1585.4	1572.8	1573.5
90	207	117	232	1594.0	1581.7	1582.2
90	208	118	232	1602.5	1592.1	1592.3
90	209	119	232	1610.9	1600.6	1600.8
90	210	120	232	1619.2	1610.7	1610.5
90	211	121	232	1627.4	1618.9	1618.6
90	212	122	232	1635.5	1628.6	1628.0
90	213	123	232	1643.5	1636.5	1635.8
90	214	124	232	1651.4	1645.8	1644.9
90	215	125	232	1659.2	1653.4	1652.3
90	216	126	232	1667.0	1662.4	1661.1
90	217	127	232	1674.6	1669.7	1668.3
90	218	128	232	1682.1	1678.4	1676.8
90	219	129	232	1689.6	1685.4	1683.6
90	220	130	232	1696.9	1693.8	1691.8
90	221	131	232	1704.1	1700.5	1698.3
90	222	132	232	1711.3	1708.6	1706.2
90	223	133	232	1718.4	1715.0	1712.5
90	224	134	232	1725.3	1722.8	1720.1
90	225	135	232	1732.2	1728.9	1726.1
90	226	136	232	1738.9	1736.5	1733.4
90	227	137	232	1745.6	1742.3	1739.1
90	228	138	232	1752.2	1749.6	1746.1
90	229	139	232	1758.7	1755.2	1751.6
90	230	140	232	1765.1	1762.2	1758.4
90	231	141	232	1771.3	1767.5	1763.6
90	232	142	232	1777.5	1774.3	1770.1
90	233	143	232	1783.6	1779.4	1775.0
90	234	144	232	1789.6	1785.9	1781.3
90	235	145	232	1795.6	1790.7	1786.0
90	236	146	232	1801.4	1797.0	1792.0
90	237	147	232	1807.1	1801.6	1796.5
90	238	148	232	1812.7	1807.6	1802.2
90	239	149	232	1818.2	1812.0	1806.5
90	240	150	232	1823.7	1817.7	1812.0
90	241	151	232	1829.0	1821.9	1816.0
90	242	152	232	1834.2	1827.4	1821.3
90	243	153	232	1839.4	1831.4	1825.1
90	244	154	232	1844.4	1836.7	1830.1
90	245	155	232	1849.4	1840.4	1833.7
90	246	156	232	1854.2	1845.5	1838.5
90	247	157	232	1859.0	1849.0	1841.9
90	248	158	232	1863.6	1854.0	1846.5
90	249	159	232	1868.2	1857.2	1849.7
90	250	160	232	1872.7	1862.0	1854.1
90	251	161	232	1877.1	1865.0	1857.0
90	252	162	232	1881.3	1869.6	1861.2
90	253	163	232	1885.5	1872.5	1863.9
90	254	164	232	1889.6	1876.8	1867.9
90	255	165	232	1893.6	1879.5	1870.5
90	256	166	232	1897.5	1883.6	1874.3
90	257	167	232	1901.3	1886.1	1876.6
90	258	168	232	1905.0	1890.0	1880.2

Supplementary file for Table-3

90	259	169	232	1908.7	1892.4	1882.4
90	260	170	232	1912.2	1896.1	1885.8
90	261	171	232	1915.6	1898.3	1887.8
90	262	172	232	1918.9	1901.9	1891.0
90	263	173	232	1922.2	1903.9	1892.8
90	264	174	232	1925.3	1907.3	1895.8
90	265	175	232	1928.3	1909.1	1897.5
90	266	176	232	1931.3	1912.3	1900.3
90	267	177	232	1934.1	1914.0	1901.8
90	268	178	232	1936.9	1917.0	1904.5
90	269	179	232	1939.6	1918.5	1905.7
90	270	180	232	1942.1	1921.4	1908.2
90	271	181	232	1944.6	1922.7	1909.4
90	272	182	232	1947.0	1925.5	1911.7
90	273	183	232	1949.3	1926.7	1912.6
90	274	184	232	1951.4	1929.2	1914.8
90	275	185	232	1953.5	1930.3	1915.6
90	276	186	232	1955.5	1932.7	1917.6
90	277	187	232	1957.4	1933.6	1918.3
90	278	188	232	1959.2	1935.9	1920.1
90	279	189	232	1961.0	1936.6	1920.6
90	280	190	232	1962.6	1938.7	1922.3
90	281	191	232	1964.1	1939.3	1922.6
90	282	192	232	1965.5	1941.3	1924.2
90	283	193	232	1966.8	1941.8	1924.4
90	284	194	232	1968.1	1943.6	1925.8
90	285	195	232	1969.2	1943.9	1925.8
90	286	196	232	1970.3	1945.6	1927.1
90	287	197	232	1971.2	1945.8	1927.0
90	288	198	232	1972.1	1947.4	1928.1
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
91	182	91	235	1338.5	1255.1	1263.7
91	183	92	235	1349.6	1271.4	1279.5
91	184	93	235	1360.6	1285.7	1293.4
91	185	94	235	1371.5	1301.5	1308.8
91	186	95	235	1382.3	1315.2	1322.2
91	187	96	235	1392.9	1330.5	1337.0
91	188	97	235	1403.6	1343.8	1350.0
91	189	98	235	1414.1	1358.5	1364.4
91	190	99	235	1424.5	1371.3	1376.9
91	191	100	235	1434.8	1385.6	1390.8
91	192	101	235	1445.0	1398.0	1402.9
91	193	102	235	1455.1	1411.8	1416.4
91	194	103	235	1465.2	1423.7	1428.0
91	195	104	235	1475.1	1437.1	1441.1
91	196	105	235	1485.0	1448.6	1452.3
91	197	106	235	1494.7	1461.5	1464.9
91	198	107	235	1504.4	1472.6	1475.8
91	199	108	235	1513.9	1485.1	1488.0
91	200	109	235	1523.4	1495.8	1498.5
91	201	110	235	1532.8	1507.9	1510.3
91	202	111	235	1542.0	1518.2	1520.4
91	203	112	235	1551.2	1529.9	1531.8

Supplementary file for Table-3

91	204	113	235	1560.3	1539.8	1541.5
91	205	114	235	1569.3	1551.2	1552.6
91	206	115	235	1578.2	1560.7	1561.9
91	207	116	235	1587.0	1571.7	1572.6
91	208	117	235	1595.7	1580.8	1581.6
91	209	118	235	1604.3	1591.4	1592.0
91	210	119	235	1612.8	1600.2	1600.6
91	211	120	235	1621.2	1610.5	1610.6
91	212	121	235	1629.6	1618.9	1619.0
91	213	122	235	1637.8	1628.9	1628.6
91	214	123	235	1645.9	1637.0	1636.6
91	215	124	235	1654.0	1646.6	1645.9
91	216	125	235	1661.9	1654.4	1653.6
91	217	126	235	1669.8	1663.7	1662.6
91	218	127	235	1677.5	1671.2	1670.0
91	219	128	235	1685.2	1680.2	1678.7
91	220	129	235	1692.8	1687.3	1685.8
91	221	130	235	1700.2	1696.0	1694.2
91	222	131	235	1707.6	1702.9	1701.0
91	223	132	235	1714.9	1711.3	1709.1
91	224	133	235	1722.1	1717.9	1715.6
91	225	134	235	1729.2	1725.9	1723.4
91	226	135	235	1736.2	1732.3	1729.6
91	227	136	235	1743.1	1740.1	1737.1
91	228	137	235	1749.9	1746.1	1743.1
91	229	138	235	1756.6	1753.6	1750.3
91	230	139	235	1763.2	1759.4	1756.0
91	231	140	235	1769.7	1766.7	1763.0
91	232	141	235	1776.2	1772.2	1768.4
91	233	142	235	1782.5	1779.2	1775.1
91	234	143	235	1788.8	1784.5	1780.3
91	235	144	235	1794.9	1791.2	1786.8
91	236	145	235	1801.0	1796.2	1791.7
91	237	146	235	1806.9	1802.7	1797.9
91	238	147	235	1812.8	1807.5	1802.5
91	239	148	235	1818.5	1813.8	1808.5
91	240	149	235	1824.2	1818.3	1813.0
91	241	150	235	1829.8	1824.3	1818.7
91	242	151	235	1835.3	1828.7	1822.9
91	243	152	235	1840.7	1834.4	1828.4
91	244	153	235	1846.0	1838.6	1832.4
91	245	154	235	1851.2	1844.1	1837.6
91	246	155	235	1856.3	1848.0	1841.4
91	247	156	235	1861.3	1853.3	1846.4
91	248	157	235	1866.2	1857.0	1850.0
91	249	158	235	1871.0	1862.2	1854.8
91	250	159	235	1875.8	1865.6	1858.1
91	251	160	235	1880.4	1870.6	1862.7
91	252	161	235	1884.9	1873.8	1865.8
91	253	162	235	1889.4	1878.5	1870.2
91	254	163	235	1893.7	1881.6	1873.2
91	255	164	235	1898.0	1886.1	1877.4
91	256	165	235	1902.2	1889.0	1880.1

Supplementary file for Table-3

91	257	166	235	1906.2	1893.3	1884.1
91	258	167	235	1910.2	1896.1	1886.6
91	259	168	235	1914.1	1900.2	1890.4
91	260	169	235	1917.9	1902.7	1892.7
91	261	170	235	1921.6	1906.6	1896.3
91	262	171	235	1925.2	1909.0	1898.5
91	263	172	235	1928.7	1912.7	1901.9
91	264	173	235	1932.1	1914.9	1903.9
91	265	174	235	1935.4	1918.5	1907.1
91	266	175	235	1938.6	1920.5	1908.9
91	267	176	235	1941.8	1923.9	1911.9
91	268	177	235	1944.8	1925.7	1913.5
91	269	178	235	1947.7	1929.0	1916.4
91	270	179	235	1950.6	1930.6	1917.9
91	271	180	235	1953.3	1933.7	1920.6
91	272	181	235	1956.0	1935.2	1921.8
91	273	182	235	1958.5	1938.1	1924.4
91	274	183	235	1961.0	1939.5	1925.5
91	275	184	235	1963.4	1942.2	1927.8
91	276	185	235	1965.7	1943.5	1928.8
91	277	186	235	1967.9	1946.0	1931.0
91	278	187	235	1969.9	1947.1	1931.8
91	279	188	235	1971.9	1949.5	1933.8
91	280	189	235	1973.9	1950.5	1934.5
91	281	190	235	1975.7	1952.7	1936.3
91	282	191	235	1977.4	1953.5	1936.8
91	283	192	235	1979.0	1955.6	1938.5
91	284	193	235	1980.5	1956.3	1938.9
91	285	194	235	1982.0	1958.3	1940.4
91	286	195	235	1983.3	1958.8	1940.6
91	287	196	235	1984.6	1960.6	1942.1
91	288	197	235	1985.7	1961.0	1942.1
91	289	198	235	1986.8	1962.7	1943.4
91	290	199	235	1987.7	1963.0	1943.3
91	291	200	235	1988.6	1964.5	1944.4
91	292	201	235	1989.4	1964.7	1944.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
92	184	92	239	1344.5	1265.1	1273.7
92	185	93	239	1355.6	1279.7	1287.9
92	186	94	239	1366.7	1295.7	1303.5
92	187	95	239	1377.6	1309.7	1317.2
92	188	96	239	1388.5	1325.3	1332.3
92	189	97	239	1399.2	1338.8	1345.5
92	190	98	239	1409.9	1353.9	1360.1
92	191	99	239	1420.5	1367.0	1372.9
92	192	100	239	1431.0	1381.5	1387.1
92	193	101	239	1441.4	1394.1	1399.4
92	194	102	239	1451.6	1408.2	1413.2
92	195	103	239	1461.8	1420.4	1425.1
92	196	104	239	1472.0	1434.1	1438.4
92	197	105	239	1482.0	1445.8	1449.9
92	198	106	239	1491.9	1459.0	1462.7
92	199	107	239	1501.7	1470.3	1473.8

Supplementary file for Table-3

92	200	108	239	1511.4	1483.2	1486.3
92	201	109	239	1521.1	1494.1	1497.0
92	202	110	239	1530.6	1506.4	1509.1
92	203	111	239	1540.1	1517.0	1519.4
92	204	112	239	1549.4	1529.0	1531.1
92	205	113	239	1558.7	1539.1	1541.0
92	206	114	239	1567.9	1550.7	1552.3
92	207	115	239	1577.0	1560.4	1561.9
92	208	116	239	1585.9	1571.7	1572.9
92	209	117	239	1594.8	1581.1	1582.1
92	210	118	239	1603.6	1591.9	1592.7
92	211	119	239	1612.3	1601.0	1601.6
92	212	120	239	1620.9	1611.5	1611.8
92	213	121	239	1629.5	1620.2	1620.4
92	214	122	239	1637.9	1630.4	1630.3
92	215	123	239	1646.2	1638.7	1638.5
92	216	124	239	1654.4	1648.6	1648.0
92	217	125	239	1662.6	1656.6	1656.0
92	218	126	239	1670.6	1666.1	1665.2
92	219	127	239	1678.6	1673.9	1672.8
92	220	128	239	1686.5	1683.0	1681.7
92	221	129	239	1694.2	1690.5	1689.0
92	222	130	239	1701.9	1699.4	1697.6
92	223	131	239	1709.5	1706.5	1704.6
92	224	132	239	1717.0	1715.1	1713.0
92	225	133	239	1724.4	1721.9	1719.7
92	226	134	239	1731.7	1730.2	1727.7
92	227	135	239	1738.9	1736.7	1734.1
92	228	136	239	1746.0	1744.8	1741.9
92	229	137	239	1753.0	1751.0	1748.0
92	230	138	239	1760.0	1758.8	1755.5
92	231	139	239	1766.8	1764.8	1761.4
92	232	140	239	1773.5	1772.2	1768.6
92	233	141	239	1780.2	1778.0	1774.2
92	234	142	239	1786.8	1785.2	1781.1
92	235	143	239	1793.2	1790.7	1786.5
92	236	144	239	1799.6	1797.6	1793.2
92	237	145	239	1805.9	1802.9	1798.3
92	238	146	239	1812.1	1809.6	1804.7
92	239	147	239	1818.1	1814.6	1809.6
92	240	148	239	1824.1	1821.0	1815.8
92	241	149	239	1830.1	1825.8	1820.4
92	242	150	239	1835.9	1832.0	1826.3
92	243	151	239	1841.6	1836.5	1830.7
92	244	152	239	1847.2	1842.5	1836.4
92	245	153	239	1852.7	1846.8	1840.6
92	246	154	239	1858.2	1852.6	1846.1
92	247	155	239	1863.5	1856.7	1850.0
92	248	156	239	1868.8	1862.2	1855.2
92	249	157	239	1873.9	1866.1	1859.0
92	250	158	239	1879.0	1871.4	1864.0
92	251	159	239	1884.0	1875.1	1867.5
92	252	160	239	1888.9	1880.2	1872.3

Supplementary file for Table-3

92	253	161	239	1893.7	1883.7	1875.6
92	254	162	239	1898.4	1888.6	1880.2
92	255	163	239	1903.0	1891.8	1883.3
92	256	164	239	1907.5	1896.5	1887.7
92	257	165	239	1911.9	1899.6	1890.6
92	258	166	239	1916.2	1904.1	1894.8
92	259	167	239	1920.5	1907.0	1897.5
92	260	168	239	1924.6	1911.3	1901.5
92	261	169	239	1928.6	1914.0	1904.0
92	262	170	239	1932.6	1918.1	1907.8
92	263	171	239	1936.5	1920.7	1910.1
92	264	172	239	1940.2	1924.6	1913.7
92	265	173	239	1943.9	1927.0	1915.8
92	266	174	239	1947.5	1930.7	1919.2
92	267	175	239	1951.0	1932.9	1921.2
92	268	176	239	1954.4	1936.5	1924.4
92	269	177	239	1957.7	1938.5	1926.2
92	270	178	239	1960.9	1941.9	1929.3
92	271	179	239	1964.0	1943.8	1930.9
92	272	180	239	1967.0	1947.0	1933.8
92	273	181	239	1970.0	1948.7	1935.2
92	274	182	239	1972.8	1951.8	1937.9
92	275	183	239	1975.5	1953.3	1939.2
92	276	184	239	1978.2	1956.2	1941.7
92	277	185	239	1980.8	1957.6	1942.8
92	278	186	239	1983.2	1960.3	1945.2
92	279	187	239	1985.6	1961.6	1946.2
92	280	188	239	1987.9	1964.2	1948.4
92	281	189	239	1990.1	1965.3	1949.2
92	282	190	239	1992.2	1967.7	1951.2
92	283	191	239	1994.2	1968.6	1951.8
92	284	192	239	1996.1	1970.9	1953.7
92	285	193	239	1997.9	1971.7	1954.2
92	286	194	239	1999.7	1973.9	1956.0
92	287	195	239	2001.3	1974.6	1956.3
92	288	196	239	2002.8	1976.6	1957.9
92	289	197	239	2004.3	1977.1	1958.1
92	290	198	239	2005.7	1979.0	1959.5
92	291	199	239	2006.9	1979.4	1959.6
92	292	200	239	2008.1	1981.1	1960.9
92	293	201	239	2009.2	1981.4	1960.8
92	294	202	239	2010.2	1983.0	1962.0
92	295	203	239	2011.1	1983.1	1961.8
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
93	186	93	242	1354.5	1271.4	1280.3
93	187	94	242	1365.6	1287.8	1296.1
93	188	95	242	1376.6	1302.1	1310.1
93	189	96	242	1387.6	1317.9	1325.5
93	190	97	242	1398.4	1331.7	1339.0
93	191	98	242	1409.2	1347.1	1353.9
93	192	99	242	1419.8	1360.4	1366.9
93	193	100	242	1430.4	1375.3	1381.3
93	194	101	242	1440.9	1388.1	1394.0

Supplementary file for Table-3

93	195	102	242	1451.3	1402.5	1407.9
93	196	103	242	1461.6	1415.0	1420.1
93	197	104	242	1471.8	1428.9	1433.7
93	198	105	242	1481.9	1440.9	1445.4
93	199	106	242	1491.9	1454.4	1458.6
93	200	107	242	1501.8	1465.9	1469.9
93	201	108	242	1511.6	1479.0	1482.6
93	202	109	242	1521.4	1490.2	1493.6
93	203	110	242	1531.0	1502.8	1505.9
93	204	111	242	1540.6	1513.6	1516.5
93	205	112	242	1550.0	1525.9	1528.4
93	206	113	242	1559.4	1536.2	1538.6
93	207	114	242	1568.7	1548.1	1550.1
93	208	115	242	1577.9	1558.1	1560.0
93	209	116	242	1587.0	1569.6	1571.1
93	210	117	242	1596.0	1579.2	1580.6
93	211	118	242	1604.9	1590.3	1591.4
93	212	119	242	1613.7	1599.6	1600.6
93	213	120	242	1622.4	1610.4	1611.0
93	214	121	242	1631.0	1619.3	1619.8
93	215	122	242	1639.6	1629.8	1629.9
93	216	123	242	1648.0	1638.4	1638.4
93	217	124	242	1656.4	1648.4	1648.2
93	218	125	242	1664.6	1656.7	1656.3
93	219	126	242	1672.8	1666.5	1665.8
93	220	127	242	1680.8	1674.4	1673.6
93	221	128	242	1688.8	1683.9	1682.8
93	222	129	242	1696.7	1691.5	1690.3
93	223	130	242	1704.5	1700.6	1699.2
93	224	131	242	1712.2	1708.0	1706.4
93	225	132	242	1719.8	1716.8	1714.9
93	226	133	242	1727.4	1723.9	1721.9
93	227	134	242	1734.8	1732.4	1730.1
93	228	135	242	1742.1	1739.2	1736.8
93	229	136	242	1749.4	1747.4	1744.7
93	230	137	242	1756.5	1753.9	1751.1
93	231	138	242	1763.6	1761.8	1758.8
93	232	139	242	1770.5	1768.1	1764.9
93	233	140	242	1777.4	1775.8	1772.3
93	234	141	242	1784.2	1781.7	1778.1
93	235	142	242	1790.9	1789.1	1785.3
93	236	143	242	1797.5	1794.8	1790.8
93	237	144	242	1804.0	1802.0	1797.7
93	238	145	242	1810.4	1807.5	1803.0
93	239	146	242	1816.7	1814.4	1809.7
93	240	147	242	1823.0	1819.6	1814.8
93	241	148	242	1829.1	1826.2	1821.1
93	242	149	242	1835.1	1831.2	1826.0
93	243	150	242	1841.1	1837.6	1832.1
93	244	151	242	1847.0	1842.4	1836.7
93	245	152	242	1852.7	1848.6	1842.6
93	246	153	242	1858.4	1853.1	1847.0
93	247	154	242	1864.0	1859.0	1852.6

Supplementary file for Table-3

93	248	155	242	1869.5	1863.3	1856.8
93	249	156	242	1874.9	1869.1	1862.2
93	250	157	242	1880.2	1873.2	1866.1
93	251	158	242	1885.4	1878.7	1871.4
93	252	159	242	1890.5	1882.5	1875.1
93	253	160	242	1895.6	1887.8	1880.1
93	254	161	242	1900.5	1891.5	1883.6
93	255	162	242	1905.4	1896.6	1888.3
93	256	163	242	1910.1	1900.1	1891.6
93	257	164	242	1914.8	1905.0	1896.2
93	258	165	242	1919.4	1908.2	1899.3
93	259	166	242	1923.8	1912.9	1903.7
93	260	167	242	1928.2	1916.0	1906.6
93	261	168	242	1932.5	1920.5	1910.7
93	262	169	242	1936.7	1923.4	1913.4
93	263	170	242	1940.9	1927.7	1917.4
93	264	171	242	1944.9	1930.4	1919.9
93	265	172	242	1948.8	1934.5	1923.7
93	266	173	242	1952.6	1937.1	1926.0
93	267	174	242	1956.4	1941.0	1929.6
93	268	175	242	1960.1	1943.4	1931.7
93	269	176	242	1963.6	1947.1	1935.1
93	270	177	242	1967.1	1949.3	1937.1
93	271	178	242	1970.5	1952.9	1940.3
93	272	179	242	1973.8	1954.9	1942.1
93	273	180	242	1977.0	1958.4	1945.2
93	274	181	242	1980.1	1960.2	1946.8
93	275	182	242	1983.1	1963.5	1949.6
93	276	183	242	1986.0	1965.2	1951.1
93	277	184	242	1988.8	1968.3	1953.8
93	278	185	242	1991.6	1969.8	1955.1
93	279	186	242	1994.2	1972.7	1957.6
93	280	187	242	1996.8	1974.1	1958.8
93	281	188	242	1999.2	1976.9	1961.1
93	282	189	242	2001.6	1978.2	1962.1
93	283	190	242	2003.9	1980.8	1964.3
93	284	191	242	2006.1	1981.9	1965.1
93	285	192	242	2008.2	1984.3	1967.2
93	286	193	242	2010.2	1985.3	1967.8
93	287	194	242	2012.1	1987.6	1969.7
93	288	195	242	2013.9	1988.5	1970.2
93	289	196	242	2015.7	1990.6	1972.0
93	290	197	242	2017.3	1991.3	1972.3
93	291	198	242	2018.8	1993.4	1973.9
93	292	199	242	2020.3	1993.9	1974.2
93	293	200	242	2021.7	1995.8	1975.6
93	294	201	242	2022.9	1996.2	1975.7
93	295	202	242	2024.1	1998.0	1977.0
93	296	203	242	2025.2	1998.3	1977.0
93	297	204	242	2026.2	1999.9	1978.1
93	298	205	242	2027.1	2000.1	1977.9
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
94	188	94	245	1364.4	1281.1	1290.0

Supplementary file for Table-3

94	189	95	245	1375.5	1295.7	1304.2
94	190	96	245	1386.5	1311.8	1319.9
94	191	97	245	1397.5	1325.9	1333.6
94	192	98	245	1408.3	1341.5	1348.8
94	193	99	245	1419.0	1355.2	1362.1
94	194	100	245	1429.7	1370.3	1376.8
94	195	101	245	1440.3	1383.4	1389.6
94	196	102	245	1450.7	1398.1	1403.9
94	197	103	245	1461.1	1410.8	1416.3
94	198	104	245	1471.4	1425.0	1430.1
94	199	105	245	1481.6	1437.2	1442.1
94	200	106	245	1491.7	1451.0	1455.5
94	201	107	245	1501.7	1462.8	1467.1
94	202	108	245	1511.7	1476.1	1480.1
94	203	109	245	1521.5	1487.6	1491.3
94	204	110	245	1531.2	1500.5	1503.8
94	205	111	245	1540.9	1511.5	1514.6
94	206	112	245	1550.4	1524.0	1526.8
94	207	113	245	1559.9	1534.6	1537.2
94	208	114	245	1569.3	1546.7	1549.0
94	209	115	245	1578.6	1557.0	1559.1
94	210	116	245	1587.8	1568.7	1570.5
94	211	117	245	1596.9	1578.6	1580.2
94	212	118	245	1605.9	1590.0	1591.3
94	213	119	245	1614.8	1599.5	1600.6
94	214	120	245	1623.6	1610.5	1611.3
94	215	121	245	1632.3	1619.7	1620.4
94	216	122	245	1641.0	1630.3	1630.7
94	217	123	245	1649.5	1639.2	1639.4
94	218	124	245	1658.0	1649.5	1649.4
94	219	125	245	1666.4	1658.0	1657.8
94	220	126	245	1674.7	1668.0	1667.5
94	221	127	245	1682.8	1676.2	1675.5
94	222	128	245	1690.9	1685.8	1684.9
94	223	129	245	1698.9	1693.7	1692.6
94	224	130	245	1706.9	1703.0	1701.7
94	225	131	245	1714.7	1710.6	1709.2
94	226	132	245	1722.4	1719.7	1717.9
94	227	133	245	1730.1	1727.0	1725.1
94	228	134	245	1737.6	1735.7	1733.5
94	229	135	245	1745.1	1742.7	1740.4
94	230	136	245	1752.4	1751.1	1748.6
94	231	137	245	1759.7	1757.9	1755.2
94	232	138	245	1766.9	1766.0	1763.1
94	233	139	245	1774.0	1772.5	1769.4
94	234	140	245	1781.0	1780.4	1777.0
94	235	141	245	1787.9	1786.6	1783.0
94	236	142	245	1794.7	1794.2	1790.4
94	237	143	245	1801.4	1800.1	1796.2
94	238	144	245	1808.1	1807.5	1803.2
94	239	145	245	1814.6	1813.2	1808.8
94	240	146	245	1821.1	1820.3	1815.6
94	241	147	245	1827.4	1825.7	1820.9

Supplementary file for Table-3

94	242	148	245	1833.7	1832.5	1827.5
94	243	149	245	1839.9	1837.7	1832.5
94	244	150	245	1846.0	1844.3	1838.8
94	245	151	245	1852.0	1849.3	1843.6
94	246	152	245	1857.9	1855.7	1849.7
94	247	153	245	1863.7	1860.4	1854.3
94	248	154	245	1869.4	1866.6	1860.2
94	249	155	245	1875.1	1871.1	1864.5
94	250	156	245	1880.6	1877.0	1870.1
94	251	157	245	1886.1	1881.3	1874.2
94	252	158	245	1891.4	1887.0	1879.6
94	253	159	245	1896.7	1891.1	1883.6
94	254	160	245	1901.9	1896.5	1888.7
94	255	161	245	1907.0	1900.4	1892.4
94	256	162	245	1912.0	1905.7	1897.4
94	257	163	245	1916.9	1909.3	1900.9
94	258	164	245	1921.7	1914.4	1905.6
94	259	165	245	1926.4	1917.9	1908.9
94	260	166	245	1931.0	1922.7	1913.4
94	261	167	245	1935.6	1926.0	1916.5
94	262	168	245	1940.0	1930.7	1920.9
94	263	169	245	1944.4	1933.8	1923.8
94	264	170	245	1948.7	1938.3	1927.9
94	265	171	245	1952.9	1941.2	1930.6
94	266	172	245	1956.9	1945.5	1934.6
94	267	173	245	1960.9	1948.2	1937.1
94	268	174	245	1964.9	1952.3	1940.8
94	269	175	245	1968.7	1954.8	1943.1
94	270	176	245	1972.4	1958.8	1946.7
94	271	177	245	1976.0	1961.2	1948.9
94	272	178	245	1979.6	1964.9	1952.3
94	273	179	245	1983.0	1967.1	1954.2
94	274	180	245	1986.4	1970.7	1957.4
94	275	181	245	1989.7	1972.7	1959.2
94	276	182	245	1992.9	1976.2	1962.3
94	277	183	245	1996.0	1978.0	1963.9
94	278	184	245	1999.0	1981.3	1966.8
94	279	185	245	2001.9	1983.0	1968.2
94	280	186	245	2004.7	1986.1	1970.9
94	281	187	245	2007.4	1987.7	1972.2
94	282	188	245	2010.1	1990.6	1974.7
94	283	189	245	2012.6	1992.0	1975.9
94	284	190	245	2015.1	1994.8	1978.3
94	285	191	245	2017.4	1996.1	1979.2
94	286	192	245	2019.7	1998.7	1981.4
94	287	193	245	2021.9	1999.8	1982.3
94	288	194	245	2024.0	2002.3	1984.3
94	289	195	245	2026.0	2003.3	1985.0
94	290	196	245	2027.9	2005.6	1986.9
94	291	197	245	2029.7	2006.5	1987.4
94	292	198	245	2031.5	2008.7	1989.2
94	293	199	245	2033.1	2009.4	1989.6
94	294	200	245	2034.7	2011.4	1991.2

Supplementary file for Table-3

94	295	201	245	2036.1	2012.0	1991.4
94	296	202	245	2037.5	2013.9	1992.9
94	297	203	245	2038.8	2014.4	1993.0
94	298	204	245	2040.0	2016.2	1994.3
94	299	205	245	2041.1	2016.5	1994.3
94	300	206	245	2042.1	2018.1	1995.4
94	301	207	245	2043.0	2018.3	1995.3
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
95	190	95	248	1374.2	1287.2	1296.4
95	191	96	248	1385.3	1303.6	1312.2
95	192	97	248	1396.3	1318.0	1326.3
95	193	98	248	1407.2	1333.9	1341.7
95	194	99	248	1418.1	1347.7	1355.3
95	195	100	248	1428.8	1363.1	1370.2
95	196	101	248	1439.5	1376.6	1383.3
95	197	102	248	1450.0	1391.5	1397.8
95	198	103	248	1460.5	1404.4	1410.5
95	199	104	248	1470.9	1418.9	1424.6
95	200	105	248	1481.2	1431.4	1436.8
95	201	106	248	1491.3	1445.4	1450.4
95	202	107	248	1501.5	1457.5	1462.3
95	203	108	248	1511.5	1471.1	1475.5
95	204	109	248	1521.4	1482.8	1487.0
95	205	110	248	1531.2	1496.0	1499.8
95	206	111	248	1541.0	1507.2	1510.8
95	207	112	248	1550.6	1520.0	1523.2
95	208	113	248	1560.2	1530.9	1533.9
95	209	114	248	1569.7	1543.2	1545.9
95	210	115	248	1579.0	1553.7	1556.3
95	211	116	248	1588.3	1565.7	1567.9
95	212	117	248	1597.5	1575.9	1577.9
95	213	118	248	1606.7	1587.5	1589.2
95	214	119	248	1615.7	1597.2	1598.8
95	215	120	248	1624.6	1608.5	1609.7
95	216	121	248	1633.4	1617.9	1618.9
95	217	122	248	1642.2	1628.8	1629.5
95	218	123	248	1650.9	1637.9	1638.5
95	219	124	248	1659.4	1648.4	1648.7
95	220	125	248	1667.9	1657.2	1657.3
95	221	126	248	1676.3	1667.4	1667.2
95	222	127	248	1684.6	1675.8	1675.5
95	223	128	248	1692.8	1685.7	1685.1
95	224	129	248	1700.9	1693.8	1693.1
95	225	130	248	1708.9	1703.4	1702.4
95	226	131	248	1716.9	1711.2	1710.0
95	227	132	248	1724.7	1720.5	1719.0
95	228	133	248	1732.5	1728.0	1726.4
95	229	134	248	1740.1	1737.0	1735.1
95	230	135	248	1747.7	1744.2	1742.1
95	231	136	248	1755.2	1752.9	1750.5
95	232	137	248	1762.6	1759.8	1757.3
95	233	138	248	1769.9	1768.2	1765.4
95	234	139	248	1777.1	1774.9	1772.0

Supplementary file for Table-3

95	235	140	248	1784.2	1783.0	1779.8
95	236	141	248	1791.3	1789.4	1786.1
95	237	142	248	1798.2	1797.2	1793.6
95	238	143	248	1805.1	1803.4	1799.6
95	239	144	248	1811.8	1810.9	1806.9
95	240	145	248	1818.5	1816.8	1812.6
95	241	146	248	1825.1	1824.1	1819.7
95	242	147	248	1831.6	1829.8	1825.2
95	243	148	248	1838.0	1836.8	1831.9
95	244	149	248	1844.3	1842.3	1837.2
95	245	150	248	1850.5	1849.1	1843.7
95	246	151	248	1856.7	1854.2	1848.7
95	247	152	248	1862.7	1860.8	1855.0
95	248	153	248	1868.7	1865.7	1859.8
95	249	154	248	1874.5	1872.1	1865.8
95	250	155	248	1880.3	1876.8	1870.4
95	251	156	248	1886.0	1882.9	1876.2
95	252	157	248	1891.6	1887.4	1880.5
95	253	158	248	1897.1	1893.3	1886.1
95	254	159	248	1902.5	1897.6	1890.2
95	255	160	248	1907.8	1903.3	1895.6
95	256	161	248	1913.0	1907.3	1899.5
95	257	162	248	1918.2	1912.8	1904.6
95	258	163	248	1923.2	1916.7	1908.3
95	259	164	248	1928.2	1921.9	1913.2
95	260	165	248	1933.1	1925.6	1916.7
95	261	166	248	1937.9	1930.6	1921.4
95	262	167	248	1942.5	1934.1	1924.7
95	263	168	248	1947.1	1938.9	1929.2
95	264	169	248	1951.7	1942.2	1932.3
95	265	170	248	1956.1	1946.9	1936.6
95	266	171	248	1960.4	1950.0	1939.5
95	267	172	248	1964.7	1954.5	1943.6
95	268	173	248	1968.8	1957.4	1946.3
95	269	174	248	1972.9	1961.7	1950.3
95	270	175	248	1976.9	1964.4	1952.8
95	271	176	248	1980.7	1968.5	1956.5
95	272	177	248	1984.5	1971.0	1958.8
95	273	178	248	1988.2	1975.0	1962.4
95	274	179	248	1991.9	1977.4	1964.6
95	275	180	248	1995.4	1981.1	1967.9
95	276	181	248	1998.8	1983.3	1969.9
95	277	182	248	2002.2	1986.9	1973.1
95	278	183	248	2005.4	1989.0	1974.9
95	279	184	248	2008.6	1992.4	1978.0
95	280	185	248	2011.7	1994.3	1979.6
95	281	186	248	2014.7	1997.6	1982.4
95	282	187	248	2017.6	1999.3	1983.9
95	283	188	248	2020.4	2002.4	1986.6
95	284	189	248	2023.1	2004.0	1987.9
95	285	190	248	2025.7	2006.9	1990.5
95	286	191	248	2028.3	2008.4	1991.6
95	287	192	248	2030.7	2011.2	1994.0

Supplementary file for Table-3

95	288	193	248	2033.1	2012.5	1995.0
95	289	194	248	2035.3	2015.1	1997.2
95	290	195	248	2037.5	2016.3	1998.0
95	291	196	248	2039.6	2018.7	2000.1
95	292	197	248	2041.6	2019.8	2000.8
95	293	198	248	2043.5	2022.1	2002.7
95	294	199	248	2045.3	2023.0	2003.2
95	295	200	248	2047.1	2025.2	2005.0
95	296	201	248	2048.7	2025.9	2005.4
95	297	202	248	2050.3	2028.0	2007.0
95	298	203	248	2051.7	2028.6	2007.3
95	299	204	248	2053.1	2030.6	2008.7
95	300	205	248	2054.4	2031.0	2008.9
95	301	206	248	2055.6	2032.8	2010.2
95	302	207	248	2056.7	2033.2	2010.2
95	303	208	248	2057.7	2034.9	2011.4
95	304	209	248	2058.7	2035.1	2011.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
96	192	96	251	1383.9	1296.7	1305.8
96	193	97	251	1395.0	1311.3	1320.1
96	194	98	251	1406.0	1327.5	1335.8
96	195	99	251	1416.9	1341.6	1349.6
96	196	100	251	1427.8	1357.3	1364.8
96	197	101	251	1438.5	1371.0	1378.2
96	198	102	251	1449.1	1386.1	1392.9
96	199	103	251	1459.7	1399.4	1405.9
96	200	104	251	1470.2	1414.1	1420.2
96	201	105	251	1480.5	1426.9	1432.7
96	202	106	251	1490.8	1441.2	1446.5
96	203	107	251	1501.0	1453.5	1458.6
96	204	108	251	1511.1	1467.3	1472.1
96	205	109	251	1521.1	1479.3	1483.8
96	206	110	251	1531.0	1492.7	1496.8
96	207	111	251	1540.9	1504.2	1508.1
96	208	112	251	1550.6	1517.2	1520.8
96	209	113	251	1560.3	1528.4	1531.7
96	210	114	251	1569.9	1541.0	1544.0
96	211	115	251	1579.3	1551.7	1554.5
96	212	116	251	1588.7	1564.0	1566.4
96	213	117	251	1598.0	1574.3	1576.6
96	214	118	251	1607.2	1586.2	1588.1
96	215	119	251	1616.4	1596.2	1598.0
96	216	120	251	1625.4	1607.7	1609.1
96	217	121	251	1634.3	1617.3	1618.6
96	218	122	251	1643.2	1628.5	1629.4
96	219	123	251	1651.9	1637.8	1638.6
96	220	124	251	1660.6	1648.6	1649.0
96	221	125	251	1669.2	1657.6	1657.9
96	222	126	251	1677.7	1668.0	1668.0
96	223	127	251	1686.1	1676.7	1676.5
96	224	128	251	1694.4	1686.8	1686.3
96	225	129	251	1702.6	1695.1	1694.5
96	226	130	251	1710.8	1704.9	1704.0

Supplementary file for Table-3

96	227	131	251	1718.8	1713.0	1711.9
96	228	132	251	1726.8	1722.5	1721.1
96	229	133	251	1734.6	1730.2	1728.7
96	230	134	251	1742.4	1739.4	1737.6
96	231	135	251	1750.1	1746.8	1744.9
96	232	136	251	1757.7	1755.7	1753.5
96	233	137	251	1765.2	1762.9	1760.5
96	234	138	251	1772.7	1771.5	1768.8
96	235	139	251	1780.0	1778.4	1775.6
96	236	140	251	1787.2	1786.7	1783.6
96	237	141	251	1794.4	1793.3	1790.1
96	238	142	251	1801.4	1801.4	1797.8
96	239	143	251	1808.4	1807.7	1804.0
96	240	144	251	1815.3	1815.5	1811.5
96	241	145	251	1822.1	1821.6	1817.5
96	242	146	251	1828.8	1829.1	1824.7
96	243	147	251	1835.4	1835.0	1830.4
96	244	148	251	1842.0	1842.2	1837.4
96	245	149	251	1848.4	1847.8	1842.8
96	246	150	251	1854.8	1854.9	1849.6
96	247	151	251	1861.0	1860.2	1854.8
96	248	152	251	1867.2	1867.0	1861.3
96	249	153	251	1873.3	1872.1	1866.2
96	250	154	251	1879.3	1878.7	1872.5
96	251	155	251	1885.2	1883.6	1877.2
96	252	156	251	1891.0	1889.9	1883.2
96	253	157	251	1896.7	1894.6	1887.7
96	254	158	251	1902.4	1900.7	1893.5
96	255	159	251	1907.9	1905.2	1897.8
96	256	160	251	1913.4	1911.0	1903.4
96	257	161	251	1918.7	1915.3	1907.4
96	258	162	251	1924.0	1920.9	1912.8
96	259	163	251	1929.2	1925.0	1916.6
96	260	164	251	1934.3	1930.4	1921.8
96	261	165	251	1939.3	1934.3	1925.4
96	262	166	251	1944.3	1939.5	1930.3
96	263	167	251	1949.1	1943.2	1933.8
96	264	168	251	1953.9	1948.2	1938.5
96	265	169	251	1958.5	1951.7	1941.7
96	266	170	251	1963.1	1956.5	1946.2
96	267	171	251	1967.6	1959.8	1949.3
96	268	172	251	1972.0	1964.5	1953.6
96	269	173	251	1976.3	1967.5	1956.5
96	270	174	251	1980.5	1972.0	1960.6
96	271	175	251	1984.6	1974.9	1963.3
96	272	176	251	1988.7	1979.2	1967.2
96	273	177	251	1992.6	1981.9	1969.7
96	274	178	251	1996.5	1986.0	1973.4
96	275	179	251	2000.2	1988.6	1975.8
96	276	180	251	2003.9	1992.5	1979.3
96	277	181	251	2007.5	1994.9	1981.5
96	278	182	251	2011.0	1998.7	1984.8
96	279	183	251	2014.4	2000.9	1986.8

Supplementary file for Table-3

96	280	184	251	2017.8	2004.5	1990.0
96	281	185	251	2021.0	2006.6	1991.8
96	282	186	251	2024.2	2010.0	1994.8
96	283	187	251	2027.2	2011.9	1996.5
96	284	188	251	2030.2	2015.2	1999.3
96	285	189	251	2033.1	2016.9	2000.8
96	286	190	251	2035.9	2020.0	2003.5
96	287	191	251	2038.6	2021.6	2004.8
96	288	192	251	2041.2	2024.6	2007.4
96	289	193	251	2043.7	2026.1	2008.5
96	290	194	251	2046.2	2028.9	2010.9
96	291	195	251	2048.5	2030.2	2011.9
96	292	196	251	2050.8	2032.8	2014.1
96	293	197	251	2053.0	2034.0	2015.0
96	294	198	251	2055.1	2036.5	2017.0
96	295	199	251	2057.1	2037.5	2017.7
96	296	200	251	2059.0	2039.9	2019.7
96	297	201	251	2060.8	2040.8	2020.2
96	298	202	251	2062.5	2043.0	2022.0
96	299	203	251	2064.2	2043.8	2022.4
96	300	204	251	2065.7	2045.9	2024.0
96	301	205	251	2067.2	2046.5	2024.3
96	302	206	251	2068.6	2048.5	2025.8
96	303	207	251	2069.9	2049.0	2025.9
96	304	208	251	2071.1	2050.8	2027.3
96	305	209	251	2072.2	2051.2	2027.3
96	306	210	251	2073.2	2052.9	2028.5
96	307	211	251	2074.1	2053.1	2028.3
96	308	212	251	2075.0	2054.7	2029.4
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
97	194	97	255	1389.4	1302.5	1311.9
97	195	98	255	1400.5	1319.0	1327.8
97	196	99	255	1411.6	1333.4	1342.0
97	197	100	255	1422.5	1349.3	1357.4
97	198	101	255	1433.4	1363.3	1371.0
97	199	102	255	1444.2	1378.7	1386.0
97	200	103	255	1454.9	1392.2	1399.2
97	201	104	255	1465.5	1407.2	1413.8
97	202	105	255	1476.0	1420.2	1426.6
97	203	106	255	1486.4	1434.8	1440.7
97	204	107	255	1496.8	1447.4	1453.0
97	205	108	255	1507.0	1461.5	1466.7
97	206	109	255	1517.2	1473.7	1478.7
97	207	110	255	1527.3	1487.3	1492.0
97	208	111	255	1537.3	1499.1	1503.5
97	209	112	255	1547.2	1512.4	1516.4
97	210	113	255	1557.0	1523.8	1527.6
97	211	114	255	1566.7	1536.6	1540.1
97	212	115	255	1576.3	1547.6	1550.9
97	213	116	255	1585.9	1560.1	1563.0
97	214	117	255	1595.3	1570.7	1573.4
97	215	118	255	1604.7	1582.8	1585.2
97	216	119	255	1614.0	1593.1	1595.2

Supplementary file for Table-3

97	217	120	255	1623.2	1604.8	1606.6
97	218	121	255	1632.3	1614.7	1616.3
97	219	122	255	1641.3	1626.1	1627.4
97	220	123	255	1650.3	1635.6	1636.8
97	221	124	255	1659.1	1646.6	1647.5
97	222	125	255	1667.8	1655.9	1656.5
97	223	126	255	1676.5	1666.5	1666.9
97	224	127	255	1685.1	1675.4	1675.6
97	225	128	255	1693.6	1685.8	1685.7
97	226	129	255	1702.0	1694.4	1694.1
97	227	130	255	1710.3	1704.4	1703.8
97	228	131	255	1718.5	1712.7	1711.9
97	229	132	255	1726.7	1722.4	1721.3
97	230	133	255	1734.7	1730.3	1729.2
97	231	134	255	1742.7	1739.8	1738.3
97	232	135	255	1750.5	1747.4	1745.8
97	233	136	255	1758.3	1756.5	1754.6
97	234	137	255	1766.0	1763.9	1761.8
97	235	138	255	1773.6	1772.7	1770.4
97	236	139	255	1781.2	1779.9	1777.3
97	237	140	255	1788.6	1788.4	1785.6
97	238	141	255	1795.9	1795.2	1792.2
97	239	142	255	1803.2	1803.5	1800.2
97	240	143	255	1810.4	1810.1	1806.6
97	241	144	255	1817.4	1818.1	1814.3
97	242	145	255	1824.4	1824.4	1820.5
97	243	146	255	1831.3	1832.1	1827.9
97	244	147	255	1838.2	1838.2	1833.8
97	245	148	255	1844.9	1845.6	1841.0
97	246	149	255	1851.5	1851.4	1846.6
97	247	150	255	1858.1	1858.7	1853.6
97	248	151	255	1864.6	1864.2	1859.0
97	249	152	255	1870.9	1871.2	1865.7
97	250	153	255	1877.2	1876.6	1870.8
97	251	154	255	1883.4	1883.3	1877.3
97	252	155	255	1889.5	1888.4	1882.2
97	253	156	255	1895.6	1894.9	1888.4
97	254	157	255	1901.5	1899.8	1893.1
97	255	158	255	1907.4	1906.1	1899.1
97	256	159	255	1913.1	1910.8	1903.6
97	257	160	255	1918.8	1916.8	1909.3
97	258	161	255	1924.4	1921.3	1913.6
97	259	162	255	1929.9	1927.1	1919.1
97	260	163	255	1935.3	1931.4	1923.2
97	261	164	255	1940.6	1937.0	1928.5
97	262	165	255	1945.9	1941.1	1932.3
97	263	166	255	1951.0	1946.5	1937.4
97	264	167	255	1956.1	1950.3	1941.1
97	265	168	255	1961.0	1955.6	1946.0
97	266	169	255	1965.9	1959.2	1949.4
97	267	170	255	1970.7	1964.2	1954.1
97	268	171	255	1975.4	1967.7	1957.3
97	269	172	255	1980.1	1972.5	1961.8

Supplementary file for Table-3

97	270	173	255	1984.6	1975.8	1964.9
97	271	174	255	1989.0	1980.4	1969.2
97	272	175	255	1993.4	1983.5	1972.0
97	273	176	255	1997.7	1988.0	1976.1
97	274	177	255	2001.9	1990.9	1978.8
97	275	178	255	2006.0	1995.2	1982.7
97	276	179	255	2010.0	1997.9	1985.2
97	277	180	255	2013.9	2002.0	1988.9
97	278	181	255	2017.7	2004.6	1991.3
97	279	182	255	2021.5	2008.5	1994.8
97	280	183	255	2025.1	2010.9	1996.9
97	281	184	255	2028.7	2014.7	2000.3
97	282	185	255	2032.2	2016.9	2002.3
97	283	186	255	2035.6	2020.5	2005.5
97	284	187	255	2038.9	2022.6	2007.3
97	285	188	255	2042.1	2026.1	2010.3
97	286	189	255	2045.3	2028.0	2012.0
97	287	190	255	2048.3	2031.3	2014.8
97	288	191	255	2051.3	2033.0	2016.3
97	289	192	255	2054.1	2036.1	2019.0
97	290	193	255	2056.9	2037.8	2020.3
97	291	194	255	2059.6	2040.7	2022.9
97	292	195	255	2062.2	2042.2	2024.0
97	293	196	255	2064.7	2045.0	2026.4
97	294	197	255	2067.2	2046.4	2027.4
97	295	198	255	2069.5	2049.0	2029.7
97	296	199	255	2071.8	2050.2	2030.5
97	297	200	255	2074.0	2052.7	2032.6
97	298	201	255	2076.1	2053.8	2033.3
97	299	202	255	2078.1	2056.2	2035.2
97	300	203	255	2080.0	2057.1	2035.8
97	301	204	255	2081.8	2059.3	2037.6
97	302	205	255	2083.5	2060.1	2038.0
97	303	206	255	2085.2	2062.2	2039.7
97	304	207	255	2086.7	2062.9	2039.9
97	305	208	255	2088.2	2064.9	2041.4
97	306	209	255	2089.6	2065.4	2041.6
97	307	210	255	2090.9	2067.3	2042.9
97	308	211	255	2092.1	2067.7	2043.0
97	309	212	255	2093.3	2069.4	2044.2
97	310	213	255	2094.3	2069.7	2044.1
97	311	214	255	2095.2	2071.3	2045.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
98	196	98	258	1398.9	1311.7	1321.1
98	197	99	258	1410.1	1326.4	1335.5
98	198	100	258	1421.1	1342.6	1351.2
98	199	101	258	1432.0	1356.8	1365.1
98	200	102	258	1442.9	1372.5	1380.3
98	201	103	258	1453.7	1386.3	1393.8
98	202	104	258	1464.4	1401.5	1408.5
98	203	105	258	1475.0	1414.8	1421.6
98	204	106	258	1485.5	1429.6	1435.9
98	205	107	258	1495.9	1442.5	1448.5

Supplementary file for Table-3

98	206	108	258	1506.2	1456.8	1462.5
98	207	109	258	1516.5	1469.3	1474.7
98	208	110	258	1526.6	1483.2	1488.2
98	209	111	258	1536.7	1495.3	1500.0
98	210	112	258	1546.7	1508.8	1513.1
98	211	113	258	1556.6	1520.4	1524.5
98	212	114	258	1566.4	1533.5	1537.3
98	213	115	258	1576.1	1544.7	1548.3
98	214	116	258	1585.8	1557.4	1560.6
98	215	117	258	1595.3	1568.3	1571.3
98	216	118	258	1604.8	1580.6	1583.3
98	217	119	258	1614.2	1591.2	1593.6
98	218	120	258	1623.5	1603.1	1605.2
98	219	121	258	1632.7	1613.3	1615.2
98	220	122	258	1641.8	1624.8	1626.4
98	221	123	258	1650.8	1634.6	1636.0
98	222	124	258	1659.7	1645.9	1647.0
98	223	125	258	1668.6	1655.4	1656.2
98	224	126	258	1677.4	1666.3	1666.8
98	225	127	258	1686.0	1675.4	1675.8
98	226	128	258	1694.6	1686.0	1686.0
98	227	129	258	1703.1	1694.8	1694.7
98	228	130	258	1711.5	1705.0	1704.6
98	229	131	258	1719.9	1713.5	1713.0
98	230	132	258	1728.1	1723.4	1722.6
98	231	133	258	1736.3	1731.6	1730.6
98	232	134	258	1744.3	1741.3	1739.9
98	233	135	258	1752.3	1749.2	1747.7
98	234	136	258	1760.2	1758.5	1756.7
98	235	137	258	1768.0	1766.1	1764.1
98	236	138	258	1775.7	1775.1	1772.9
98	237	139	258	1783.4	1782.5	1780.0
98	238	140	258	1790.9	1791.2	1788.5
98	239	141	258	1798.4	1798.3	1795.4
98	240	142	258	1805.7	1806.7	1803.6
98	241	143	258	1813.0	1813.5	1810.2
98	242	144	258	1820.2	1821.7	1818.1
98	243	145	258	1827.3	1828.2	1824.4
98	244	146	258	1834.3	1836.2	1832.1
98	245	147	258	1841.3	1842.4	1838.2
98	246	148	258	1848.1	1850.1	1845.6
98	247	149	258	1854.9	1856.1	1851.4
98	248	150	258	1861.6	1863.6	1858.5
98	249	151	258	1868.1	1869.3	1864.1
98	250	152	258	1874.6	1876.5	1871.0
98	251	153	258	1881.1	1882.1	1876.4
98	252	154	258	1887.4	1889.0	1883.0
98	253	155	258	1893.6	1894.3	1888.2
98	254	156	258	1899.8	1901.0	1894.5
98	255	157	258	1905.8	1906.1	1899.5
98	256	158	258	1911.8	1912.6	1905.6
98	257	159	258	1917.7	1917.4	1910.3
98	258	160	258	1923.5	1923.7	1916.2

Supplementary file for Table-3

98	259	161	258	1929.2	1928.3	1920.7
98	260	162	258	1934.9	1934.4	1926.4
98	261	163	258	1940.4	1938.8	1930.6
98	262	164	258	1945.9	1944.6	1936.1
98	263	165	258	1951.2	1948.9	1940.2
98	264	166	258	1956.5	1954.5	1945.4
98	265	167	258	1961.7	1958.5	1949.3
98	266	168	258	1966.8	1963.9	1954.3
98	267	169	258	1971.8	1967.7	1958.0
98	268	170	258	1976.8	1973.0	1962.8
98	269	171	258	1981.6	1976.6	1966.2
98	270	172	258	1986.4	1981.6	1970.9
98	271	173	258	1991.1	1985.1	1974.1
98	272	174	258	1995.7	1989.9	1978.6
98	273	175	258	2000.2	1993.2	1981.7
98	274	176	258	2004.6	1997.8	1985.9
98	275	177	258	2008.9	2000.9	1988.8
98	276	178	258	2013.2	2005.3	1992.9
98	277	179	258	2017.3	2008.3	1995.5
98	278	180	258	2021.4	2012.5	1999.4
98	279	181	258	2025.4	2015.3	2001.9
98	280	182	258	2029.3	2019.4	2005.6
98	281	183	258	2033.1	2022.0	2008.0
98	282	184	258	2036.8	2025.9	2011.5
98	283	185	258	2040.4	2028.3	2013.6
98	284	186	258	2044.0	2032.1	2017.0
98	285	187	258	2047.4	2034.3	2019.0
98	286	188	258	2050.8	2037.9	2022.2
98	287	189	258	2054.1	2040.0	2024.0
98	288	190	258	2057.3	2043.4	2027.0
98	289	191	258	2060.4	2045.4	2028.6
98	290	192	258	2063.5	2048.7	2031.5
98	291	193	258	2066.4	2050.4	2033.0
98	292	194	258	2069.3	2053.6	2035.7
98	293	195	258	2072.0	2055.2	2037.0
98	294	196	258	2074.7	2058.2	2039.6
98	295	197	258	2077.3	2059.7	2040.7
98	296	198	258	2079.8	2062.5	2043.1
98	297	199	258	2082.3	2063.9	2044.1
98	298	200	258	2084.6	2066.5	2046.4
98	299	201	258	2086.8	2067.7	2047.2
98	300	202	258	2089.0	2070.3	2049.3
98	301	203	258	2091.1	2071.4	2050.1
98	302	204	258	2093.1	2073.8	2052.0
98	303	205	258	2095.0	2074.7	2052.6
98	304	206	258	2096.8	2077.0	2054.4
98	305	207	258	2098.5	2077.8	2054.8
98	306	208	258	2100.2	2079.9	2056.4
98	307	209	258	2101.8	2080.6	2056.8
98	308	210	258	2103.2	2082.6	2058.3
98	309	211	258	2104.6	2083.1	2058.4
98	310	212	258	2105.9	2085.0	2059.8
98	311	213	258	2107.1	2085.4	2059.8

Supplementary file for Table-3

98	312	214	258	2108.3	2087.2	2061.1
98	313	215	258	2109.3	2087.5	2061.0
98	314	216	258	2110.3	2089.1	2062.1
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
99	198	99	261	1408.4	1317.4	1327.0
99	199	100	261	1419.5	1333.8	1343.0
99	200	101	261	1430.5	1348.3	1357.1
99	201	102	261	1441.5	1364.3	1372.6
99	202	103	261	1452.3	1378.3	1386.3
99	203	104	261	1463.1	1393.8	1401.4
99	204	105	261	1473.8	1407.4	1414.6
99	205	106	261	1484.4	1422.4	1429.2
99	206	107	261	1494.9	1435.5	1442.1
99	207	108	261	1505.3	1450.1	1456.3
99	208	109	261	1515.6	1462.8	1468.7
99	209	110	261	1525.8	1477.0	1482.5
99	210	111	261	1536.0	1489.3	1494.5
99	211	112	261	1546.1	1503.0	1507.9
99	212	113	261	1556.1	1514.9	1519.5
99	213	114	261	1565.9	1528.3	1532.5
99	214	115	261	1575.8	1539.8	1543.8
99	215	116	261	1585.5	1552.7	1556.4
99	216	117	261	1595.1	1563.9	1567.3
99	217	118	261	1604.7	1576.4	1579.5
99	218	119	261	1614.1	1587.2	1590.0
99	219	120	261	1623.5	1599.4	1601.9
99	220	121	261	1632.8	1609.7	1612.1
99	221	122	261	1642.0	1621.6	1623.6
99	222	123	261	1651.1	1631.6	1633.4
99	223	124	261	1660.2	1643.1	1644.6
99	224	125	261	1669.1	1652.8	1654.1
99	225	126	261	1678.0	1663.9	1664.9
99	226	127	261	1686.8	1673.3	1674.1
99	227	128	261	1695.4	1684.1	1684.5
99	228	129	261	1704.0	1693.1	1693.4
99	229	130	261	1712.6	1703.6	1703.6
99	230	131	261	1721.0	1712.3	1712.1
99	231	132	261	1729.3	1722.5	1722.0
99	232	133	261	1737.6	1730.9	1730.2
99	233	134	261	1745.8	1740.8	1739.8
99	234	135	261	1753.8	1748.9	1747.7
99	235	136	261	1761.8	1758.4	1756.9
99	236	137	261	1769.7	1766.3	1764.6
99	237	138	261	1777.6	1775.5	1773.5
99	238	139	261	1785.3	1783.0	1780.9
99	239	140	261	1793.0	1792.0	1789.6
99	240	141	261	1800.5	1799.3	1796.7
99	241	142	261	1808.0	1808.0	1805.1
99	242	143	261	1815.4	1815.0	1811.9
99	243	144	261	1822.7	1823.4	1820.0
99	244	145	261	1829.9	1830.1	1826.6
99	245	146	261	1837.1	1838.2	1834.4
99	246	147	261	1844.1	1844.7	1840.7

Supplementary file for Table-3

99	247	148	261	1851.1	1852.6	1848.3
99	248	149	261	1858.0	1858.8	1854.4
99	249	150	261	1864.7	1866.5	1861.7
99	250	151	261	1871.4	1872.5	1867.5
99	251	152	261	1878.1	1879.8	1874.6
99	252	153	261	1884.6	1885.6	1880.1
99	253	154	261	1891.0	1892.7	1887.0
99	254	155	261	1897.4	1898.2	1892.3
99	255	156	261	1903.7	1905.1	1898.9
99	256	157	261	1909.9	1910.4	1904.0
99	257	158	261	1916.0	1917.1	1910.3
99	258	159	261	1922.0	1922.1	1915.2
99	259	160	261	1927.9	1928.6	1921.3
99	260	161	261	1933.8	1933.4	1926.0
99	261	162	261	1939.5	1939.7	1931.9
99	262	163	261	1945.2	1944.3	1936.3
99	263	164	261	1950.8	1950.3	1942.0
99	264	165	261	1956.3	1954.7	1946.2
99	265	166	261	1961.7	1960.5	1951.7
99	266	167	261	1967.0	1964.7	1955.7
99	267	168	261	1972.3	1970.3	1960.9
99	268	169	261	1977.4	1974.4	1964.7
99	269	170	261	1982.5	1979.8	1969.8
99	270	171	261	1987.5	1983.6	1973.4
99	271	172	261	1992.4	1988.8	1978.2
99	272	173	261	1997.2	1992.4	1981.6
99	273	174	261	2001.9	1997.4	1986.3
99	274	175	261	2006.6	2000.9	1989.5
99	275	176	261	2011.1	2005.7	1994.0
99	276	177	261	2015.6	2009.0	1997.0
99	277	178	261	2020.0	2013.6	2001.3
99	278	179	261	2024.3	2016.7	2004.1
99	279	180	261	2028.5	2021.1	2008.2
99	280	181	261	2032.6	2024.1	2010.8
99	281	182	261	2036.6	2028.3	2014.7
99	282	183	261	2040.6	2031.1	2017.2
99	283	184	261	2044.5	2035.2	2020.9
99	284	185	261	2048.2	2037.8	2023.2
99	285	186	261	2051.9	2041.7	2026.8
99	286	187	261	2055.6	2044.1	2028.9
99	287	188	261	2059.1	2047.9	2032.3
99	288	189	261	2062.5	2050.2	2034.3
99	289	190	261	2065.9	2053.8	2037.4
99	290	191	261	2069.2	2055.9	2039.3
99	291	192	261	2072.3	2059.3	2042.3
99	292	193	261	2075.4	2061.3	2043.9
99	293	194	261	2078.4	2064.5	2046.8
99	294	195	261	2081.4	2066.3	2048.3
99	295	196	261	2084.2	2069.5	2051.0
99	296	197	261	2087.0	2071.1	2052.3
99	297	198	261	2089.6	2074.1	2054.9
99	298	199	261	2092.2	2075.6	2056.0
99	299	200	261	2094.7	2078.5	2058.4

Supplementary file for Table-3

99	300	201	261	2097.1	2079.8	2059.5
99	301	202	261	2099.5	2082.5	2061.7
99	302	203	261	2101.7	2083.8	2062.6
99	303	204	261	2103.9	2086.3	2064.7
99	304	205	261	2105.9	2087.4	2065.4
99	305	206	261	2107.9	2089.8	2067.4
99	306	207	261	2109.8	2090.8	2068.0
99	307	208	261	2111.6	2093.1	2069.8
99	308	209	261	2113.4	2093.9	2070.2
99	309	210	261	2115.0	2096.1	2071.9
99	310	211	261	2116.6	2096.8	2072.2
99	311	212	261	2118.1	2098.8	2073.7
99	312	213	261	2119.4	2099.4	2073.9
99	313	214	261	2120.8	2101.3	2075.3
99	314	215	261	2122.0	2101.7	2075.3
99	315	216	261	2123.1	2103.5	2076.6
99	316	217	261	2124.1	2103.8	2076.5
99	317	218	261	2125.1	2105.5	2077.6
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
100	200	100	264	1417.8	1326.3	1335.9
100	201	101	264	1428.9	1341.0	1350.3
100	202	102	264	1439.9	1357.3	1366.1
100	203	103	264	1450.8	1371.6	1380.0
100	204	104	264	1461.7	1387.3	1395.3
100	205	105	264	1472.4	1401.1	1408.8
100	206	106	264	1483.1	1416.4	1423.7
100	207	107	264	1493.7	1429.8	1436.8
100	208	108	264	1504.2	1444.7	1451.2
100	209	109	264	1514.6	1457.6	1463.9
100	210	110	264	1524.9	1472.0	1477.9
100	211	111	264	1535.1	1484.6	1490.2
100	212	112	264	1545.3	1498.6	1503.8
100	213	113	264	1555.3	1510.7	1515.7
100	214	114	264	1565.3	1524.3	1528.9
100	215	115	264	1575.2	1536.0	1540.4
100	216	116	264	1585.0	1549.2	1553.2
100	217	117	264	1594.7	1560.6	1564.3
100	218	118	264	1604.4	1573.4	1576.8
100	219	119	264	1613.9	1584.4	1587.5
100	220	120	264	1623.4	1596.8	1599.6
100	221	121	264	1632.8	1607.4	1610.0
100	222	122	264	1642.1	1619.5	1621.8
100	223	123	264	1651.3	1629.8	1631.8
100	224	124	264	1660.4	1641.5	1643.2
100	225	125	264	1669.4	1651.4	1652.9
100	226	126	264	1678.4	1662.8	1664.0
100	227	127	264	1687.3	1672.4	1673.4
100	228	128	264	1696.0	1683.4	1684.1
100	229	129	264	1704.7	1692.7	1693.2
100	230	130	264	1713.4	1703.4	1703.5
100	231	131	264	1721.9	1712.3	1712.3
100	232	132	264	1730.3	1722.7	1722.4
100	233	133	264	1738.7	1731.3	1730.8

Supplementary file for Table-3

100	234	134	264	1746.9	1741.4	1740.6
100	235	135	264	1755.1	1749.7	1748.7
100	236	136	264	1763.2	1759.5	1758.2
100	237	137	264	1771.2	1767.5	1766.1
100	238	138	264	1779.2	1777.0	1775.2
100	239	139	264	1787.0	1784.8	1782.8
100	240	140	264	1794.8	1793.9	1791.7
100	241	141	264	1802.4	1801.4	1799.0
100	242	142	264	1810.0	1810.3	1807.6
100	243	143	264	1817.5	1817.5	1814.6
100	244	144	264	1824.9	1826.1	1822.9
100	245	145	264	1832.3	1833.1	1829.7
100	246	146	264	1839.5	1841.4	1837.7
100	247	147	264	1846.7	1848.1	1844.2
100	248	148	264	1853.8	1856.2	1852.0
100	249	149	264	1860.7	1862.6	1858.3
100	250	150	264	1867.7	1870.5	1865.8
100	251	151	264	1874.5	1876.6	1871.8
100	252	152	264	1881.2	1884.2	1879.1
100	253	153	264	1887.9	1890.2	1884.8
100	254	154	264	1894.4	1897.5	1891.8
100	255	155	264	1900.9	1903.2	1897.4
100	256	156	264	1907.3	1910.3	1904.2
100	257	157	264	1913.6	1915.8	1909.4
100	258	158	264	1919.8	1922.7	1916.0
100	259	159	264	1926.0	1927.9	1921.0
100	260	160	264	1932.0	1934.5	1927.4
100	261	161	264	1938.0	1939.6	1932.2
100	262	162	264	1943.9	1946.0	1938.3
100	263	163	264	1949.7	1950.8	1942.9
100	264	164	264	1955.4	1957.0	1948.8
100	265	165	264	1961.0	1961.6	1953.2
100	266	166	264	1966.5	1967.6	1958.8
100	267	167	264	1972.0	1972.0	1963.0
100	268	168	264	1977.4	1977.8	1968.4
100	269	169	264	1982.6	1982.0	1972.4
100	270	170	264	1987.8	1987.6	1977.7
100	271	171	264	1993.0	1991.6	1981.4
100	272	172	264	1998.0	1997.0	1986.5
100	273	173	264	2002.9	2000.8	1990.1
100	274	174	264	2007.8	2006.0	1994.9
100	275	175	264	2012.6	2009.6	1998.3
100	276	176	264	2017.3	2014.6	2002.9
100	277	177	264	2021.9	2018.0	2006.1
100	278	178	264	2026.4	2022.8	2010.5
100	279	179	264	2030.8	2026.1	2013.6
100	280	180	264	2035.2	2030.7	2017.8
100	281	181	264	2039.5	2033.8	2020.6
100	282	182	264	2043.6	2038.3	2024.7
100	283	183	264	2047.7	2041.2	2027.4
100	284	184	264	2051.7	2045.5	2031.2
100	285	185	264	2055.7	2048.2	2033.7
100	286	186	264	2059.5	2052.3	2037.4

Supplementary file for Table-3

100	287	187	264	2063.3	2054.9	2039.7
100	288	188	264	2066.9	2058.8	2043.3
100	289	189	264	2070.5	2061.3	2045.4
100	290	190	264	2074.0	2065.0	2048.7
100	291	191	264	2077.5	2067.3	2050.7
100	292	192	264	2080.8	2070.9	2053.9
100	293	193	264	2084.0	2073.0	2055.7
100	294	194	264	2087.2	2076.5	2058.7
100	295	195	264	2090.3	2078.4	2060.4
100	296	196	264	2093.3	2081.7	2063.3
100	297	197	264	2096.2	2083.6	2064.8
100	298	198	264	2099.0	2086.7	2067.4
100	299	199	264	2101.7	2088.4	2068.8
100	300	200	264	2104.4	2091.4	2071.3
100	301	201	264	2107.0	2092.9	2072.5
100	302	202	264	2109.5	2095.7	2074.9
100	303	203	264	2111.9	2097.1	2076.0
100	304	204	264	2114.2	2099.8	2078.2
100	305	205	264	2116.4	2101.1	2079.1
100	306	206	264	2118.6	2103.7	2081.2
100	307	207	264	2120.6	2104.8	2081.9
100	308	208	264	2122.6	2107.2	2083.9
100	309	209	264	2124.5	2108.2	2084.5
100	310	210	264	2126.3	2110.5	2086.3
100	311	211	264	2128.0	2111.4	2086.8
100	312	212	264	2129.7	2113.5	2088.4
100	313	213	264	2131.2	2114.2	2088.8
100	314	214	264	2132.7	2116.3	2090.3
100	315	215	264	2134.1	2116.9	2090.5
100	316	216	264	2135.4	2118.8	2091.9
100	317	217	264	2136.6	2119.3	2092.0
100	318	218	264	2137.7	2121.1	2093.2
100	319	219	264	2138.8	2121.4	2093.2
100	320	220	264	2139.8	2123.1	2094.3
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
101	202	101	268	1422.8	1331.7	1341.6
101	203	102	268	1433.9	1348.2	1357.6
101	204	103	268	1445.0	1362.7	1371.8
101	205	104	268	1455.9	1378.7	1387.3
101	206	105	268	1466.8	1392.8	1401.1
101	207	106	268	1477.6	1408.4	1416.2
101	208	107	268	1488.3	1422.0	1429.6
101	209	108	268	1499.0	1437.1	1444.2
101	210	109	268	1509.5	1450.3	1457.1
101	211	110	268	1520.0	1465.0	1471.4
101	212	111	268	1530.3	1477.8	1483.9
101	213	112	268	1540.6	1492.0	1497.7
101	214	113	268	1550.8	1504.4	1509.9
101	215	114	268	1560.9	1518.2	1523.3
101	216	115	268	1571.0	1530.2	1535.1
101	217	116	268	1580.9	1543.7	1548.1
101	218	117	268	1590.8	1555.3	1559.5
101	219	118	268	1600.6	1568.3	1572.2

Supplementary file for Table-3

101	220	119	268	1610.3	1579.5	1583.2
101	221	120	268	1619.9	1592.2	1595.5
101	222	121	268	1629.4	1603.1	1606.1
101	223	122	268	1638.9	1615.4	1618.1
101	224	123	268	1648.2	1625.9	1628.4
101	225	124	268	1657.5	1637.8	1640.0
101	226	125	268	1666.7	1648.0	1649.9
101	227	126	268	1675.8	1659.6	1661.2
101	228	127	268	1684.8	1669.4	1670.8
101	229	128	268	1693.8	1680.7	1681.7
101	230	129	268	1702.6	1690.2	1691.0
101	231	130	268	1711.4	1701.1	1701.6
101	232	131	268	1720.1	1710.3	1710.6
101	233	132	268	1728.7	1720.9	1720.9
101	234	133	268	1737.2	1729.7	1729.6
101	235	134	268	1745.6	1740.0	1739.5
101	236	135	268	1754.0	1748.6	1747.9
101	237	136	268	1762.2	1758.6	1757.6
101	238	137	268	1770.4	1766.8	1765.7
101	239	138	268	1778.5	1776.5	1775.0
101	240	139	268	1786.5	1784.5	1782.8
101	241	140	268	1794.4	1793.9	1791.9
101	242	141	268	1802.3	1801.6	1799.4
101	243	142	268	1810.0	1810.7	1808.2
101	244	143	268	1817.7	1818.1	1815.5
101	245	144	268	1825.3	1826.9	1824.0
101	246	145	268	1832.8	1834.1	1831.0
101	247	146	268	1840.2	1842.6	1839.2
101	248	147	268	1847.6	1849.5	1845.9
101	249	148	268	1854.8	1857.8	1853.9
101	250	149	268	1862.0	1864.5	1860.4
101	251	150	268	1869.1	1872.5	1868.1
101	252	151	268	1876.1	1878.9	1874.3
101	253	152	268	1883.0	1886.7	1881.8
101	254	153	268	1889.8	1892.8	1887.7
101	255	154	268	1896.6	1900.3	1894.9
101	256	155	268	1903.2	1906.3	1900.6
101	257	156	268	1909.8	1913.6	1907.6
101	258	157	268	1916.3	1919.2	1913.1
101	259	158	268	1922.7	1926.3	1919.8
101	260	159	268	1929.1	1931.7	1925.1
101	261	160	268	1935.3	1938.6	1931.6
101	262	161	268	1941.5	1943.8	1936.6
101	263	162	268	1947.5	1950.4	1942.9
101	264	163	268	1953.5	1955.4	1947.7
101	265	164	268	1959.4	1961.8	1953.8
101	266	165	268	1965.3	1966.6	1958.4
101	267	166	268	1971.0	1972.8	1964.2
101	268	167	268	1976.7	1977.4	1968.6
101	269	168	268	1982.2	1983.3	1974.2
101	270	169	268	1987.7	1987.7	1978.4
101	271	170	268	1993.1	1993.5	1983.8
101	272	171	268	1998.5	1997.7	1987.7

Supplementary file for Table-3

101	273	172	268	2003.7	2003.2	1992.9
101	274	173	268	2008.8	2007.3	1996.7
101	275	174	268	2013.9	2012.6	2001.7
101	276	175	268	2018.9	2016.4	2005.3
101	277	176	268	2023.8	2021.6	2010.1
101	278	177	268	2028.6	2025.2	2013.5
101	279	178	268	2033.4	2030.2	2018.1
101	280	179	268	2038.0	2033.7	2021.3
101	281	180	268	2042.6	2038.4	2025.7
101	282	181	268	2047.0	2041.7	2028.7
101	283	182	268	2051.4	2046.3	2032.9
101	284	183	268	2055.8	2049.4	2035.8
101	285	184	268	2060.0	2053.9	2039.8
101	286	185	268	2064.1	2056.8	2042.5
101	287	186	268	2068.2	2061.1	2046.3
101	288	187	268	2072.2	2063.8	2048.8
101	289	188	268	2076.1	2067.9	2052.5
101	290	189	268	2079.9	2070.5	2054.8
101	291	190	268	2083.6	2074.5	2058.3
101	292	191	268	2087.3	2076.9	2060.5
101	293	192	268	2090.8	2080.7	2063.8
101	294	193	268	2094.3	2083.0	2065.8
101	295	194	268	2097.7	2086.6	2069.0
101	296	195	268	2101.0	2088.7	2070.8
101	297	196	268	2104.2	2092.1	2073.8
101	298	197	268	2107.4	2094.1	2075.5
101	299	198	268	2110.4	2097.4	2078.3
101	300	199	268	2113.4	2099.3	2079.8
101	301	200	268	2116.3	2102.4	2082.5
101	302	201	268	2119.1	2104.1	2083.9
101	303	202	268	2121.8	2107.1	2086.4
101	304	203	268	2124.5	2108.7	2087.6
101	305	204	268	2127.0	2111.5	2090.0
101	306	205	268	2129.5	2112.9	2091.1
101	307	206	268	2131.9	2115.7	2093.3
101	308	207	268	2134.2	2116.9	2094.2
101	309	208	268	2136.4	2119.5	2096.3
101	310	209	268	2138.6	2120.7	2097.1
101	311	210	268	2140.6	2123.1	2099.1
101	312	211	268	2142.6	2124.1	2099.7
101	313	212	268	2144.5	2126.4	2101.5
101	314	213	268	2146.3	2127.3	2102.0
101	315	214	268	2148.0	2129.5	2103.7
101	316	215	268	2149.7	2130.2	2104.0
101	317	216	268	2151.2	2132.3	2105.6
101	318	217	268	2152.7	2132.9	2105.8
101	319	218	268	2154.1	2134.9	2107.2
101	320	219	268	2155.4	2135.4	2107.3
101	321	220	268	2156.6	2137.2	2108.6
101	322	221	268	2157.8	2137.6	2108.5
101	323	222	268	2158.8	2139.3	2109.7
101	324	223	268	2159.8	2139.5	2109.5
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)

Supplementary file for Table-3

102	204	102	271	1432.0	1340.4	1350.3
102	205	103	271	1443.1	1355.2	1364.7
102	206	104	271	1454.2	1371.4	1380.5
102	207	105	271	1465.1	1385.8	1394.5
102	208	106	271	1476.0	1401.6	1409.9
102	209	107	271	1486.8	1415.5	1423.4
102	210	108	271	1497.5	1430.8	1438.3
102	211	109	271	1508.1	1444.3	1451.5
102	212	110	271	1518.6	1459.2	1466.0
102	213	111	271	1529.1	1472.2	1478.8
102	214	112	271	1539.4	1486.7	1492.8
102	215	113	271	1549.7	1499.3	1505.2
102	216	114	271	1559.9	1513.4	1518.9
102	217	115	271	1570.0	1525.7	1530.8
102	218	116	271	1580.0	1539.3	1544.1
102	219	117	271	1590.0	1551.2	1555.7
102	220	118	271	1599.8	1564.4	1568.6
102	221	119	271	1609.6	1575.9	1579.9
102	222	120	271	1619.3	1588.8	1592.4
102	223	121	271	1628.9	1599.9	1603.3
102	224	122	271	1638.5	1612.4	1615.4
102	225	123	271	1647.9	1623.2	1626.0
102	226	124	271	1657.3	1635.4	1637.8
102	227	125	271	1666.5	1645.8	1648.0
102	228	126	271	1675.7	1657.6	1659.4
102	229	127	271	1684.8	1667.6	1669.3
102	230	128	271	1693.9	1679.1	1680.4
102	231	129	271	1702.8	1688.8	1690.0
102	232	130	271	1711.7	1700.0	1700.8
102	233	131	271	1720.5	1709.4	1710.0
102	234	132	271	1729.1	1720.2	1720.5
102	235	133	271	1737.8	1729.3	1729.4
102	236	134	271	1746.3	1739.8	1739.5
102	237	135	271	1754.7	1748.6	1748.1
102	238	136	271	1763.1	1758.8	1758.0
102	239	137	271	1771.4	1767.2	1766.3
102	240	138	271	1779.5	1777.1	1775.9
102	241	139	271	1787.7	1785.3	1783.9
102	242	140	271	1795.7	1794.9	1793.2
102	243	141	271	1803.6	1802.8	1800.9
102	244	142	271	1811.5	1812.1	1809.9
102	245	143	271	1819.3	1819.8	1817.3
102	246	144	271	1826.9	1828.8	1826.1
102	247	145	271	1834.6	1836.2	1833.2
102	248	146	271	1842.1	1844.9	1841.7
102	249	147	271	1849.5	1852.0	1848.6
102	250	148	271	1856.9	1860.5	1856.8
102	251	149	271	1864.1	1867.4	1863.4
102	252	150	271	1871.3	1875.6	1871.3
102	253	151	271	1878.4	1882.2	1877.7
102	254	152	271	1885.5	1890.2	1885.4
102	255	153	271	1892.4	1896.5	1891.6
102	256	154	271	1899.3	1904.3	1899.0

Supplementary file for Table-3

102	257	155	271	1906.0	1910.4	1904.9
102	258	156	271	1912.7	1917.9	1912.0
102	259	157	271	1919.3	1923.7	1917.7
102	260	158	271	1925.9	1931.0	1924.6
102	261	159	271	1932.3	1936.6	1930.1
102	262	160	271	1938.7	1943.6	1936.8
102	263	161	271	1944.9	1949.1	1942.0
102	264	162	271	1951.1	1955.9	1948.5
102	265	163	271	1957.2	1961.1	1953.5
102	266	164	271	1963.3	1967.6	1959.7
102	267	165	271	1969.2	1972.6	1964.5
102	268	166	271	1975.1	1979.0	1970.5
102	269	167	271	1980.8	1983.8	1975.0
102	270	168	271	1986.5	1989.9	1980.8
102	271	169	271	1992.2	1994.5	1985.2
102	272	170	271	1997.7	2000.4	1990.8
102	273	171	271	2003.1	2004.8	1994.9
102	274	172	271	2008.5	2010.5	2000.3
102	275	173	271	2013.8	2014.7	2004.3
102	276	174	271	2019.0	2020.3	2009.4
102	277	175	271	2024.1	2024.3	2013.2
102	278	176	271	2029.1	2029.6	2018.2
102	279	177	271	2034.0	2033.4	2021.7
102	280	178	271	2038.9	2038.6	2026.5
102	281	179	271	2043.7	2042.2	2029.9
102	282	180	271	2048.4	2047.2	2034.4
102	283	181	271	2053.0	2050.6	2037.6
102	284	182	271	2057.5	2055.4	2042.0
102	285	183	271	2062.0	2058.7	2045.0
102	286	184	271	2066.3	2063.3	2049.2
102	287	185	271	2070.6	2066.4	2052.1
102	288	186	271	2074.8	2070.8	2056.1
102	289	187	271	2078.9	2073.7	2058.8
102	290	188	271	2083.0	2078.0	2062.6
102	291	189	271	2086.9	2080.8	2065.1
102	292	190	271	2090.8	2084.9	2068.8
102	293	191	271	2094.6	2087.5	2071.1
102	294	192	271	2098.3	2091.4	2074.6
102	295	193	271	2101.9	2093.8	2076.7
102	296	194	271	2105.4	2097.6	2080.1
102	297	195	271	2108.9	2099.9	2082.0
102	298	196	271	2112.2	2103.5	2085.2
102	299	197	271	2115.5	2105.7	2087.0
102	300	198	271	2118.7	2109.1	2090.1
102	301	199	271	2121.9	2111.1	2091.7
102	302	200	271	2124.9	2114.4	2094.6
102	303	201	271	2127.9	2116.3	2096.1
102	304	202	271	2130.7	2119.4	2098.8
102	305	203	271	2133.5	2121.1	2100.1
102	306	204	271	2136.2	2124.1	2102.7
102	307	205	271	2138.9	2125.7	2103.9
102	308	206	271	2141.4	2128.6	2106.3
102	309	207	271	2143.9	2130.0	2107.4

Supplementary file for Table-3

102	310	208	271	2146.2	2132.7	2109.6
102	311	209	271	2148.5	2134.0	2110.5
102	312	210	271	2150.7	2136.6	2112.6
102	313	211	271	2152.9	2137.8	2113.4
102	314	212	271	2154.9	2140.2	2115.4
102	315	213	271	2156.9	2141.3	2116.0
102	316	214	271	2158.8	2143.6	2117.8
102	317	215	271	2160.6	2144.5	2118.4
102	318	216	271	2162.3	2146.7	2120.0
102	319	217	271	2163.9	2147.5	2120.4
102	320	218	271	2165.5	2149.6	2121.9
102	321	219	271	2166.9	2150.2	2122.2
102	322	220	271	2168.3	2152.2	2123.6
102	323	221	271	2169.6	2152.7	2123.7
102	324	222	271	2170.9	2154.5	2125.0
102	325	223	271	2172.0	2155.0	2125.0
102	326	224	271	2173.0	2156.7	2126.1
102	327	225	271	2174.0	2157.0	2126.0
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
103	206	103	274	1441.2	1345.5	1355.7
103	207	104	274	1452.3	1362.0	1371.7
103	208	105	274	1463.3	1376.7	1386.0
103	209	106	274	1474.2	1392.7	1401.6
103	210	107	274	1485.1	1406.9	1415.4
103	211	108	274	1495.8	1422.5	1430.6
103	212	109	274	1506.5	1436.2	1444.0
103	213	110	274	1517.1	1451.3	1458.7
103	214	111	274	1527.6	1464.6	1471.7
103	215	112	274	1538.1	1479.4	1486.0
103	216	113	274	1548.4	1492.2	1498.6
103	217	114	274	1558.7	1506.5	1512.5
103	218	115	274	1568.9	1519.0	1524.7
103	219	116	274	1579.0	1532.9	1538.2
103	220	117	274	1589.0	1545.0	1550.1
103	221	118	274	1599.0	1558.5	1563.2
103	222	119	274	1608.8	1570.3	1574.7
103	223	120	274	1618.6	1583.4	1587.4
103	224	121	274	1628.3	1594.7	1598.5
103	225	122	274	1637.9	1607.5	1610.9
103	226	123	274	1647.4	1618.5	1621.7
103	227	124	274	1656.9	1630.9	1633.7
103	228	125	274	1666.2	1641.5	1644.1
103	229	126	274	1675.5	1653.5	1655.8
103	230	127	274	1684.7	1663.8	1665.9
103	231	128	274	1693.8	1675.5	1677.3
103	232	129	274	1702.8	1685.5	1687.0
103	233	130	274	1711.8	1696.9	1698.0
103	234	131	274	1720.6	1706.5	1707.5
103	235	132	274	1729.4	1717.5	1718.2
103	236	133	274	1738.1	1726.8	1727.3
103	237	134	274	1746.7	1737.6	1737.7
103	238	135	274	1755.3	1746.6	1746.5
103	239	136	274	1763.7	1757.0	1756.6

Supplementary file for Table-3

103	240	137	274	1772.1	1765.7	1765.1
103	241	138	274	1780.4	1775.8	1774.9
103	242	139	274	1788.6	1784.2	1783.1
103	243	140	274	1796.7	1794.0	1792.6
103	244	141	274	1804.7	1802.1	1800.5
103	245	142	274	1812.7	1811.7	1809.7
103	246	143	274	1820.6	1819.5	1817.4
103	247	144	274	1828.3	1828.7	1826.3
103	248	145	274	1836.1	1836.3	1833.7
103	249	146	274	1843.7	1845.3	1842.3
103	250	147	274	1851.2	1852.6	1849.4
103	251	148	274	1858.7	1861.3	1857.8
103	252	149	274	1866.1	1868.3	1864.7
103	253	150	274	1873.3	1876.8	1872.8
103	254	151	274	1880.6	1883.6	1879.4
103	255	152	274	1887.7	1891.8	1887.3
103	256	153	274	1894.7	1898.3	1893.6
103	257	154	274	1901.7	1906.2	1901.2
103	258	155	274	1908.6	1912.5	1907.3
103	259	156	274	1915.4	1920.2	1914.7
103	260	157	274	1922.1	1926.3	1920.5
103	261	158	274	1928.7	1933.7	1927.7
103	262	159	274	1935.3	1939.6	1933.3
103	263	160	274	1941.7	1946.8	1940.2
103	264	161	274	1948.1	1952.4	1945.6
103	265	162	274	1954.4	1959.4	1952.2
103	266	163	274	1960.7	1964.8	1957.4
103	267	164	274	1966.8	1971.6	1963.8
103	268	165	274	1972.9	1976.7	1968.8
103	269	166	274	1978.8	1983.3	1975.0
103	270	167	274	1984.7	1988.3	1979.7
103	271	168	274	1990.5	1994.6	1985.7
103	272	169	274	1996.3	1999.4	1990.3
103	273	170	274	2001.9	2005.5	1996.0
103	274	171	274	2007.5	2010.0	2000.4
103	275	172	274	2013.0	2016.0	2005.9
103	276	173	274	2018.4	2020.3	2010.1
103	277	174	274	2023.7	2026.0	2015.4
103	278	175	274	2028.9	2030.2	2019.3
103	279	176	274	2034.1	2035.7	2024.5
103	280	177	274	2039.1	2039.7	2028.2
103	281	178	274	2044.1	2045.0	2033.2
103	282	179	274	2049.0	2048.9	2036.7
103	283	180	274	2053.8	2054.0	2041.5
103	284	181	274	2058.6	2057.6	2044.8
103	285	182	274	2063.2	2062.6	2049.4
103	286	183	274	2067.8	2066.0	2052.6
103	287	184	274	2072.3	2070.8	2057.0
103	288	185	274	2076.7	2074.1	2060.0
103	289	186	274	2081.1	2078.7	2064.2
103	290	187	274	2085.3	2081.8	2067.0
103	291	188	274	2089.5	2086.2	2071.0
103	292	189	274	2093.6	2089.1	2073.6

Supplementary file for Table-3

103	293	190	274	2097.6	2093.4	2077.5
103	294	191	274	2101.5	2096.2	2080.0
103	295	192	274	2105.3	2100.3	2083.6
103	296	193	274	2109.1	2102.9	2086.0
103	297	194	274	2112.7	2106.8	2089.5
103	298	195	274	2116.3	2109.3	2091.6
103	299	196	274	2119.9	2113.0	2094.9
103	300	197	274	2123.3	2115.4	2096.9
103	301	198	274	2126.6	2119.0	2100.1
103	302	199	274	2129.9	2121.1	2101.9
103	303	200	274	2133.1	2124.6	2104.9
103	304	201	274	2136.2	2126.6	2106.6
103	305	202	274	2139.2	2129.9	2109.5
103	306	203	274	2142.1	2131.8	2111.0
103	307	204	274	2145.0	2135.0	2113.7
103	308	205	274	2147.8	2136.7	2115.0
103	309	206	274	2150.4	2139.7	2117.6
103	310	207	274	2153.1	2141.3	2118.8
103	311	208	274	2155.6	2144.2	2121.2
103	312	209	274	2158.0	2145.6	2122.3
103	313	210	274	2160.4	2148.4	2124.5
103	314	211	274	2162.7	2149.7	2125.5
103	315	212	274	2164.9	2152.3	2127.6
103	316	213	274	2167.0	2153.5	2128.4
103	317	214	274	2169.0	2155.9	2130.4
103	318	215	274	2171.0	2157.0	2131.0
103	319	216	274	2172.8	2159.3	2132.8
103	320	217	274	2174.6	2160.3	2133.4
103	321	218	274	2176.3	2162.5	2135.1
103	322	219	274	2178.0	2163.3	2135.4
103	323	220	274	2179.5	2165.4	2137.0
103	324	221	274	2181.0	2166.1	2137.3
103	325	222	274	2182.4	2168.0	2138.7
103	326	223	274	2183.7	2168.6	2138.8
103	327	224	274	2184.9	2170.5	2140.1
103	328	225	274	2186.0	2170.9	2140.1
103	329	226	274	2187.1	2172.6	2141.3
103	330	227	274	2188.0	2173.0	2141.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
104	208	104	278	1445.8	1353.9	1364.1
104	209	105	278	1456.9	1368.8	1378.6
104	210	106	278	1468.0	1385.1	1394.4
104	211	107	278	1479.0	1399.5	1408.5
104	212	108	278	1489.9	1415.3	1423.9
104	213	109	278	1500.7	1429.3	1437.5
104	214	110	278	1511.4	1444.7	1452.5
104	215	111	278	1522.0	1458.3	1465.7
104	216	112	278	1532.6	1473.2	1480.3
104	217	113	278	1543.1	1486.3	1493.1
104	218	114	278	1553.5	1500.9	1507.3
104	219	115	278	1563.8	1513.6	1519.7
104	220	116	278	1574.0	1527.8	1533.4
104	221	117	278	1584.2	1540.1	1545.5

Supplementary file for Table-3

104	222	118	278	1594.3	1553.8	1558.9
104	223	119	278	1604.3	1565.8	1570.6
104	224	120	278	1614.2	1579.2	1583.5
104	225	121	278	1624.0	1590.7	1594.9
104	226	122	278	1633.7	1603.7	1607.5
104	227	123	278	1643.4	1614.9	1618.5
104	228	124	278	1653.0	1627.6	1630.7
104	229	125	278	1662.5	1638.4	1641.4
104	230	126	278	1671.9	1650.7	1653.3
104	231	127	278	1681.2	1661.2	1663.6
104	232	128	278	1690.5	1673.1	1675.2
104	233	129	278	1699.7	1683.3	1685.1
104	234	130	278	1708.8	1694.9	1696.4
104	235	131	278	1717.8	1704.7	1706.0
104	236	132	278	1726.7	1716.0	1716.9
104	237	133	278	1735.6	1725.5	1726.2
104	238	134	278	1744.3	1736.5	1736.9
104	239	135	278	1753.0	1745.7	1745.9
104	240	136	278	1761.6	1756.3	1756.2
104	241	137	278	1770.1	1765.2	1764.9
104	242	138	278	1778.6	1775.6	1774.9
104	243	139	278	1786.9	1784.2	1783.3
104	244	140	278	1795.2	1794.2	1793.0
104	245	141	278	1803.4	1802.5	1801.1
104	246	142	278	1811.5	1812.3	1810.5
104	247	143	278	1819.5	1820.3	1818.4
104	248	144	278	1827.5	1829.8	1827.5
104	249	145	278	1835.4	1837.6	1835.1
104	250	146	278	1843.1	1846.7	1844.0
104	251	147	278	1850.8	1854.2	1851.3
104	252	148	278	1858.5	1863.1	1859.8
104	253	149	278	1866.0	1870.4	1866.9
104	254	150	278	1873.5	1879.0	1875.2
104	255	151	278	1880.9	1886.0	1882.0
104	256	152	278	1888.2	1894.4	1890.1
104	257	153	278	1895.4	1901.2	1896.6
104	258	154	278	1902.5	1909.3	1904.4
104	259	155	278	1909.6	1915.8	1910.7
104	260	156	278	1916.5	1923.7	1918.3
104	261	157	278	1923.4	1929.9	1924.3
104	262	158	278	1930.2	1937.6	1931.6
104	263	159	278	1937.0	1943.6	1937.5
104	264	160	278	1943.6	1951.0	1944.5
104	265	161	278	1950.2	1956.8	1950.1
104	266	162	278	1956.7	1964.0	1956.9
104	267	163	278	1963.1	1969.6	1962.3
104	268	164	278	1969.4	1976.5	1968.9
104	269	165	278	1975.6	1981.9	1974.1
104	270	166	278	1981.8	1988.6	1980.4
104	271	167	278	1987.9	1993.8	1985.4
104	272	168	278	1993.8	2000.3	1991.5
104	273	169	278	1999.8	2005.2	1996.3
104	274	170	278	2005.6	2011.5	2002.2

Supplementary file for Table-3

104	275	171	278	2011.3	2016.3	2006.7
104	276	172	278	2017.0	2022.4	2012.4
104	277	173	278	2022.6	2026.9	2016.8
104	278	174	278	2028.1	2032.8	2022.3
104	279	175	278	2033.5	2037.2	2026.4
104	280	176	278	2038.9	2042.9	2031.7
104	281	177	278	2044.2	2047.0	2035.6
104	282	178	278	2049.3	2052.5	2040.8
104	283	179	278	2054.4	2056.5	2044.5
104	284	180	278	2059.5	2061.8	2049.4
104	285	181	278	2064.4	2065.6	2052.9
104	286	182	278	2069.3	2070.7	2057.7
104	287	183	278	2074.0	2074.4	2061.0
104	288	184	278	2078.7	2079.3	2065.6
104	289	185	278	2083.3	2082.8	2068.7
104	290	186	278	2087.9	2087.5	2073.1
104	291	187	278	2092.3	2090.8	2076.1
104	292	188	278	2096.7	2095.4	2080.3
104	293	189	278	2101.0	2098.5	2083.1
104	294	190	278	2105.2	2102.9	2087.1
104	295	191	278	2109.3	2105.9	2089.7
104	296	192	278	2113.4	2110.1	2093.6
104	297	193	278	2117.4	2112.9	2096.0
104	298	194	278	2121.2	2117.0	2099.7
104	299	195	278	2125.0	2119.6	2102.0
104	300	196	278	2128.8	2123.5	2105.5
104	301	197	278	2132.4	2126.0	2107.6
104	302	198	278	2136.0	2129.8	2111.0
104	303	199	278	2139.5	2132.1	2113.0
104	304	200	278	2142.9	2135.7	2116.1
104	305	201	278	2146.2	2137.9	2118.0
104	306	202	278	2149.4	2141.4	2121.0
104	307	203	278	2152.6	2143.4	2122.6
104	308	204	278	2155.7	2146.7	2125.5
104	309	205	278	2158.7	2148.6	2127.0
104	310	206	278	2161.6	2151.7	2129.7
104	311	207	278	2164.4	2153.5	2131.1
104	312	208	278	2167.2	2156.5	2133.6
104	313	209	278	2169.8	2158.1	2134.9
104	314	210	278	2172.4	2161.0	2137.3
104	315	211	278	2174.9	2162.5	2138.4
104	316	212	278	2177.4	2165.2	2140.6
104	317	213	278	2179.7	2166.6	2141.6
104	318	214	278	2182.0	2169.2	2143.7
104	319	215	278	2184.2	2170.4	2144.5
104	320	216	278	2186.3	2172.9	2146.5
104	321	217	278	2188.3	2174.0	2147.1
104	322	218	278	2190.2	2176.3	2149.0
104	323	219	278	2192.1	2177.3	2149.5
104	324	220	278	2193.9	2179.5	2151.2
104	325	221	278	2195.6	2180.3	2151.6
104	326	222	278	2197.2	2182.4	2153.2
104	327	223	278	2198.8	2183.2	2153.4

Supplementary file for Table-3

104	328	224	278	2200.2	2185.1	2154.9
104	329	225	278	2201.6	2185.7	2155.0
104	330	226	278	2202.9	2187.6	2156.3
104	331	227	278	2204.1	2188.1	2156.4
104	332	228	278	2205.3	2189.8	2157.5
104	333	229	278	2206.3	2190.2	2157.4
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
105	210	105	281	1454.8	1358.9	1369.3
105	211	106	281	1465.9	1375.4	1385.4
105	212	107	281	1476.9	1390.1	1399.7
105	213	108	281	1487.9	1406.2	1415.3
105	214	109	281	1498.8	1420.4	1429.2
105	215	110	281	1509.6	1436.1	1444.4
105	216	111	281	1520.3	1449.8	1457.9
105	217	112	281	1530.9	1465.1	1472.7
105	218	113	281	1541.4	1478.4	1485.7
105	219	114	281	1551.9	1493.2	1500.1
105	220	115	281	1562.3	1506.2	1512.8
105	221	116	281	1572.6	1520.6	1526.8
105	222	117	281	1582.8	1533.1	1539.1
105	223	118	281	1593.0	1547.1	1552.7
105	224	119	281	1603.0	1559.3	1564.6
105	225	120	281	1613.0	1572.9	1577.8
105	226	121	281	1622.9	1584.7	1589.4
105	227	122	281	1632.8	1597.9	1602.2
105	228	123	281	1642.5	1609.4	1613.4
105	229	124	281	1652.2	1622.2	1625.9
105	230	125	281	1661.7	1633.3	1636.7
105	231	126	281	1671.2	1645.8	1648.9
105	232	127	281	1680.6	1656.6	1659.4
105	233	128	281	1690.0	1668.7	1671.2
105	234	129	281	1699.2	1679.1	1681.4
105	235	130	281	1708.4	1690.9	1692.8
105	236	131	281	1717.5	1701.0	1702.7
105	237	132	281	1726.5	1712.5	1713.8
105	238	133	281	1735.4	1722.3	1723.4
105	239	134	281	1744.3	1733.4	1734.2
105	240	135	281	1753.1	1742.9	1743.4
105	241	136	281	1761.7	1753.7	1753.9
105	242	137	281	1770.4	1762.8	1762.9
105	243	138	281	1778.9	1773.4	1773.1
105	244	139	281	1787.3	1782.2	1781.7
105	245	140	281	1795.7	1792.4	1791.6
105	246	141	281	1804.0	1801.0	1799.9
105	247	142	281	1812.2	1810.9	1809.6
105	248	143	281	1820.3	1819.2	1817.6
105	249	144	281	1828.3	1828.9	1826.9
105	250	145	281	1836.3	1836.9	1834.7
105	251	146	281	1844.2	1846.2	1843.8
105	252	147	281	1852.0	1854.0	1851.3
105	253	148	281	1859.7	1863.1	1860.1
105	254	149	281	1867.3	1870.5	1867.3
105	255	150	281	1874.9	1879.3	1875.8

Supplementary file for Table-3

105	256	151	281	1882.4	1886.6	1882.8
105	257	152	281	1889.8	1895.1	1891.1
105	258	153	281	1897.1	1902.1	1897.8
105	259	154	281	1904.3	1910.4	1905.8
105	260	155	281	1911.5	1917.1	1912.3
105	261	156	281	1918.5	1925.2	1920.1
105	262	157	281	1925.5	1931.6	1926.3
105	263	158	281	1932.4	1939.5	1933.8
105	264	159	281	1939.3	1945.7	1939.8
105	265	160	281	1946.0	1953.3	1947.1
105	266	161	281	1952.7	1959.3	1952.9
105	267	162	281	1959.3	1966.7	1959.9
105	268	163	281	1965.8	1972.4	1965.5
105	269	164	281	1972.2	1979.6	1972.2
105	270	165	281	1978.6	1985.1	1977.6
105	271	166	281	1984.8	1992.1	1984.1
105	272	167	281	1991.0	1997.4	1989.3
105	273	168	281	1997.1	2004.1	1995.6
105	274	169	281	2003.2	2009.2	2000.5
105	275	170	281	2009.1	2015.7	2006.6
105	276	171	281	2015.0	2020.6	2011.3
105	277	172	281	2020.7	2026.9	2017.2
105	278	173	281	2026.5	2031.7	2021.7
105	279	174	281	2032.1	2037.7	2027.4
105	280	175	281	2037.6	2042.3	2031.7
105	281	176	281	2043.1	2048.1	2037.2
105	282	177	281	2048.5	2052.5	2041.3
105	283	178	281	2053.8	2058.2	2046.6
105	284	179	281	2059.0	2062.3	2050.5
105	285	180	281	2064.1	2067.8	2055.6
105	286	181	281	2069.2	2071.8	2059.3
105	287	182	281	2074.2	2077.1	2064.2
105	288	183	281	2079.1	2080.9	2067.7
105	289	184	281	2083.9	2086.0	2072.4
105	290	185	281	2088.6	2089.6	2075.8
105	291	186	281	2093.3	2094.5	2080.3
105	292	187	281	2097.9	2098.0	2083.5
105	293	188	281	2102.4	2102.7	2087.8
105	294	189	281	2106.8	2106.0	2090.8
105	295	190	281	2111.1	2110.6	2095.0
105	296	191	281	2115.4	2113.7	2097.8
105	297	192	281	2119.5	2118.1	2101.8
105	298	193	281	2123.6	2121.1	2104.4
105	299	194	281	2127.6	2125.3	2108.2
105	300	195	281	2131.6	2128.1	2110.7
105	301	196	281	2135.4	2132.2	2114.4
105	302	197	281	2139.2	2134.8	2116.7
105	303	198	281	2142.9	2138.8	2120.2
105	304	199	281	2146.5	2141.3	2122.3
105	305	200	281	2150.1	2145.0	2125.6
105	306	201	281	2153.5	2147.4	2127.6
105	307	202	281	2156.9	2151.0	2130.8
105	308	203	281	2160.2	2153.2	2132.6

Supplementary file for Table-3

105	309	204	281	2163.4	2156.6	2135.6
105	310	205	281	2166.5	2158.7	2137.3
105	311	206	281	2169.6	2162.0	2140.2
105	312	207	281	2172.6	2163.9	2141.7
105	313	208	281	2175.5	2167.1	2144.4
105	314	209	281	2178.3	2168.8	2145.8
105	315	210	281	2181.0	2171.9	2148.3
105	316	211	281	2183.7	2173.5	2149.6
105	317	212	281	2186.2	2176.4	2152.0
105	318	213	281	2188.7	2177.9	2153.1
105	319	214	281	2191.1	2180.7	2155.3
105	320	215	281	2193.5	2182.0	2156.3
105	321	216	281	2195.7	2184.7	2158.4
105	322	217	281	2197.9	2185.9	2159.2
105	323	218	281	2200.0	2188.4	2161.2
105	324	219	281	2202.0	2189.5	2161.9
105	325	220	281	2203.9	2191.9	2163.8
105	326	221	281	2205.8	2192.8	2164.3
105	327	222	281	2207.6	2195.1	2166.0
105	328	223	281	2209.3	2195.9	2166.4
105	329	224	281	2210.9	2198.1	2168.0
105	330	225	281	2212.4	2198.8	2168.3
105	331	226	281	2213.9	2200.8	2169.8
105	332	227	281	2215.2	2201.4	2169.9
105	333	228	281	2216.5	2203.3	2171.2
105	334	229	281	2217.7	2203.8	2171.3
105	335	230	281	2218.9	2205.6	2172.5
105	336	231	281	2219.9	2206.0	2172.4
Z	A	N	Estimated A mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
106	212	106	284	1463.7	1367.0	1377.5
106	213	107	284	1474.8	1382.0	1392.0
106	214	108	284	1485.8	1398.3	1407.9
106	215	109	284	1496.7	1412.7	1422.0
106	216	110	284	1507.6	1428.6	1437.4
106	217	111	284	1518.4	1442.7	1451.2
106	218	112	284	1529.1	1458.1	1466.2
106	219	113	284	1539.7	1471.7	1479.5
106	220	114	284	1550.2	1486.8	1494.1
106	221	115	284	1560.7	1500.0	1507.0
106	222	116	284	1571.0	1514.6	1521.2
106	223	117	284	1581.3	1527.4	1533.7
106	224	118	284	1591.6	1541.6	1547.5
106	225	119	284	1601.7	1554.0	1559.7
106	226	120	284	1611.7	1567.9	1573.1
106	227	121	284	1621.7	1579.9	1584.9
106	228	122	284	1631.6	1593.4	1598.0
106	229	123	284	1641.4	1605.0	1609.4
106	230	124	284	1651.2	1618.1	1622.1
106	231	125	284	1660.8	1629.4	1633.2
106	232	126	284	1670.4	1642.2	1645.5
106	233	127	284	1679.9	1653.1	1656.3
106	234	128	284	1689.3	1665.5	1668.3
106	235	129	284	1698.6	1676.1	1678.7

Supplementary file for Table-3

106	236	130	284	1707.9	1688.2	1690.3
106	237	131	284	1717.0	1698.5	1700.4
106	238	132	284	1726.1	1710.1	1711.8
106	239	133	284	1735.1	1720.1	1721.5
106	240	134	284	1744.1	1731.5	1732.5
106	241	135	284	1752.9	1741.2	1742.0
106	242	136	284	1761.7	1752.2	1752.7
106	243	137	284	1770.4	1761.6	1761.8
106	244	138	284	1779.0	1772.3	1772.2
106	245	139	284	1787.5	1781.4	1781.1
106	246	140	284	1796.0	1791.8	1791.2
106	247	141	284	1804.4	1800.6	1799.7
106	248	142	284	1812.6	1810.7	1809.6
106	249	143	284	1820.9	1819.2	1817.8
106	250	144	284	1829.0	1829.0	1827.4
106	251	145	284	1837.0	1837.2	1835.3
106	252	146	284	1845.0	1846.8	1844.6
106	253	147	284	1852.9	1854.8	1852.3
106	254	148	284	1860.7	1864.1	1861.3
106	255	149	284	1868.4	1871.7	1868.7
106	256	150	284	1876.1	1880.7	1877.4
106	257	151	284	1883.7	1888.2	1884.6
106	258	152	284	1891.2	1896.9	1893.1
106	259	153	284	1898.6	1904.1	1900.0
106	260	154	284	1905.9	1912.6	1908.2
106	261	155	284	1913.1	1919.5	1914.9
106	262	156	284	1920.3	1927.8	1922.8
106	263	157	284	1927.4	1934.4	1929.3
106	264	158	284	1934.4	1942.4	1936.9
106	265	159	284	1941.4	1948.9	1943.2
106	266	160	284	1948.2	1956.7	1950.6
106	267	161	284	1955.0	1962.8	1956.6
106	268	162	284	1961.7	1970.4	1963.8
106	269	163	284	1968.3	1976.4	1969.5
106	270	164	284	1974.8	1983.7	1976.5
106	271	165	284	1981.3	1989.4	1982.0
106	272	166	284	1987.6	1996.5	1988.8
106	273	167	284	1993.9	2002.1	1994.1
106	274	168	284	2000.1	2008.9	2000.6
106	275	169	284	2006.3	2014.3	2005.7
106	276	170	284	2012.3	2020.9	2012.0
106	277	171	284	2018.3	2026.0	2016.8
106	278	172	284	2024.2	2032.5	2022.9
106	279	173	284	2030.0	2037.4	2027.6
106	280	174	284	2035.7	2043.6	2033.5
106	281	175	284	2041.4	2048.4	2037.9
106	282	176	284	2047.0	2054.4	2043.6
106	283	177	284	2052.5	2058.9	2047.9
106	284	178	284	2057.9	2064.8	2053.3
106	285	179	284	2063.2	2069.1	2057.4
106	286	180	284	2068.5	2074.8	2062.7
106	287	181	284	2073.7	2078.9	2066.6
106	288	182	284	2078.7	2084.4	2071.6

Supplementary file for Table-3

106	289	183	284	2083.8	2088.3	2075.3
106	290	184	284	2088.7	2093.6	2080.2
106	291	185	284	2093.6	2097.4	2083.7
106	292	186	284	2098.3	2102.5	2088.4
106	293	187	284	2103.0	2106.1	2091.7
106	294	188	284	2107.7	2111.1	2096.2
106	295	189	284	2112.2	2114.5	2099.4
106	296	190	284	2116.7	2119.3	2103.7
106	297	191	284	2121.0	2122.5	2106.7
106	298	192	284	2125.3	2127.1	2110.9
106	299	193	284	2129.6	2130.2	2113.7
106	300	194	284	2133.7	2134.6	2117.6
106	301	195	284	2137.8	2137.6	2120.3
106	302	196	284	2141.7	2141.8	2124.1
106	303	197	284	2145.7	2144.6	2126.6
106	304	198	284	2149.5	2148.7	2130.2
106	305	199	284	2153.2	2151.4	2132.5
106	306	200	284	2156.9	2155.3	2136.0
106	307	201	284	2160.5	2157.8	2138.1
106	308	202	284	2164.0	2161.6	2141.5
106	309	203	284	2167.4	2163.9	2143.4
106	310	204	284	2170.8	2167.5	2146.6
106	311	205	284	2174.0	2169.7	2148.4
106	312	206	284	2177.2	2173.2	2151.5
106	313	207	284	2180.3	2175.2	2153.1
106	314	208	284	2183.3	2178.6	2156.0
106	315	209	284	2186.3	2180.5	2157.5
106	316	210	284	2189.2	2183.7	2160.2
106	317	211	284	2192.0	2185.5	2161.6
106	318	212	284	2194.7	2188.5	2164.2
106	319	213	284	2197.3	2190.1	2165.4
106	320	214	284	2199.9	2193.1	2167.8
106	321	215	284	2202.3	2194.6	2168.9
106	322	216	284	2204.7	2197.3	2171.2
106	323	217	284	2207.1	2198.7	2172.2
106	324	218	284	2209.3	2201.4	2174.3
106	325	219	284	2211.4	2202.6	2175.1
106	326	220	284	2213.5	2205.1	2177.1
106	327	221	284	2215.5	2206.2	2177.8
106	328	222	284	2217.4	2208.6	2179.7
106	329	223	284	2219.3	2209.6	2180.2
106	330	224	284	2221.0	2211.9	2181.9
106	331	225	284	2222.7	2212.8	2182.4
106	332	226	284	2224.3	2214.9	2184.0
106	333	227	284	2225.9	2215.7	2184.3
106	334	228	284	2227.3	2217.7	2185.7
106	335	229	284	2228.7	2218.3	2185.9
106	336	230	284	2230.0	2220.2	2187.2
106	337	231	284	2231.2	2220.8	2187.3
106	338	232	284	2232.3	2222.6	2188.5
106	339	233	284	2233.3	2223.0	2188.5
106	340	234	284	2234.3	2224.6	2189.5
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)

Supplementary file for Table-3

107	214	107	288	1468.0	1371.8	1382.5
107	215	108	288	1479.1	1388.3	1398.6
107	216	109	288	1490.2	1403.1	1412.9
107	217	110	288	1501.1	1419.2	1428.6
107	218	111	288	1512.0	1433.5	1442.6
107	219	112	288	1522.9	1449.2	1457.8
107	220	113	288	1533.6	1463.0	1471.3
107	221	114	288	1544.2	1478.3	1486.2
107	222	115	288	1554.8	1491.7	1499.3
107	223	116	288	1565.3	1506.6	1513.7
107	224	117	288	1575.7	1519.6	1526.5
107	225	118	288	1586.1	1534.1	1540.5
107	226	119	288	1596.3	1546.8	1552.9
107	227	120	288	1606.5	1560.8	1566.6
107	228	121	288	1616.6	1573.1	1578.6
107	229	122	288	1626.6	1586.8	1591.9
107	230	123	288	1636.6	1598.7	1603.5
107	231	124	288	1646.4	1612.0	1616.5
107	232	125	288	1656.2	1623.5	1627.8
107	233	126	288	1665.9	1636.5	1640.3
107	234	127	288	1675.5	1647.7	1651.3
107	235	128	288	1685.1	1660.3	1663.5
107	236	129	288	1694.5	1671.1	1674.1
107	237	130	288	1703.9	1683.4	1686.0
107	238	131	288	1713.2	1693.9	1696.3
107	239	132	288	1722.5	1705.8	1707.9
107	240	133	288	1731.6	1716.0	1717.8
107	241	134	288	1740.7	1727.6	1729.1
107	242	135	288	1749.7	1737.5	1738.7
107	243	136	288	1758.6	1748.8	1749.7
107	244	137	288	1767.4	1758.3	1759.0
107	245	138	288	1776.2	1769.3	1769.6
107	246	139	288	1784.9	1778.6	1778.7
107	247	140	288	1793.4	1789.2	1789.0
107	248	141	288	1802.0	1798.2	1797.8
107	249	142	288	1810.4	1808.5	1807.8
107	250	143	288	1818.8	1817.2	1816.2
107	251	144	288	1827.0	1827.3	1826.0
107	252	145	288	1835.2	1835.7	1834.2
107	253	146	288	1843.4	1845.5	1843.6
107	254	147	288	1851.4	1853.6	1851.5
107	255	148	288	1859.4	1863.1	1860.7
107	256	149	288	1867.2	1871.0	1868.4
107	257	150	288	1875.0	1880.2	1877.3
107	258	151	288	1882.8	1887.8	1884.7
107	259	152	288	1890.4	1896.8	1893.3
107	260	153	288	1898.0	1904.2	1900.4
107	261	154	288	1905.5	1912.9	1908.8
107	262	155	288	1912.9	1920.0	1915.7
107	263	156	288	1920.2	1928.4	1923.8
107	264	157	288	1927.5	1935.3	1930.4
107	265	158	288	1934.6	1943.5	1938.3
107	266	159	288	1941.7	1950.1	1944.7

Supplementary file for Table-3

107	267	160	288	1948.8	1958.1	1952.3
107	268	161	288	1955.7	1964.5	1958.5
107	269	162	288	1962.5	1972.2	1965.9
107	270	163	288	1969.3	1978.4	1971.8
107	271	164	288	1976.0	1985.9	1979.0
107	272	165	288	1982.6	1991.8	1984.7
107	273	166	288	1989.2	1999.1	1991.6
107	274	167	288	1995.6	2004.8	1997.1
107	275	168	288	2002.0	2011.9	2003.8
107	276	169	288	2008.3	2017.4	2009.1
107	277	170	288	2014.6	2024.3	2015.6
107	278	171	288	2020.7	2029.6	2020.6
107	279	172	288	2026.8	2036.2	2026.9
107	280	173	288	2032.8	2041.3	2031.7
107	281	174	288	2038.7	2047.7	2037.8
107	282	175	288	2044.5	2052.6	2042.4
107	283	176	288	2050.3	2058.8	2048.3
107	284	177	288	2055.9	2063.5	2052.7
107	285	178	288	2061.5	2069.6	2058.4
107	286	179	288	2067.1	2074.1	2062.6
107	287	180	288	2072.5	2079.9	2068.0
107	288	181	288	2077.9	2084.2	2072.1
107	289	182	288	2083.1	2089.9	2077.3
107	290	183	288	2088.3	2094.0	2081.2
107	291	184	288	2093.5	2099.5	2086.3
107	292	185	288	2098.5	2103.4	2089.9
107	293	186	288	2103.5	2108.7	2094.8
107	294	187	288	2108.4	2112.5	2098.3
107	295	188	288	2113.2	2117.6	2103.0
107	296	189	288	2117.9	2121.2	2106.3
107	297	190	288	2122.6	2126.1	2110.8
107	298	191	288	2127.1	2129.5	2113.9
107	299	192	288	2131.6	2134.3	2118.3
107	300	193	288	2136.0	2137.5	2121.2
107	301	194	288	2140.4	2142.1	2125.4
107	302	195	288	2144.6	2145.2	2128.2
107	303	196	288	2148.8	2149.7	2132.1
107	304	197	288	2152.9	2152.6	2134.8
107	305	198	288	2157.0	2156.9	2138.6
107	306	199	288	2160.9	2159.7	2141.0
107	307	200	288	2164.8	2163.8	2144.7
107	308	201	288	2168.6	2166.4	2147.0
107	309	202	288	2172.3	2170.3	2150.5
107	310	203	288	2175.9	2172.8	2152.6
107	311	204	288	2179.5	2176.6	2155.9
107	312	205	288	2182.9	2179.0	2157.9
107	313	206	288	2186.3	2182.6	2161.1
107	314	207	288	2189.6	2184.8	2162.9
107	315	208	288	2192.9	2188.3	2165.9
107	316	209	288	2196.0	2190.4	2167.6
107	317	210	288	2199.1	2193.7	2170.5
107	318	211	288	2202.1	2195.6	2172.0
107	319	212	288	2205.1	2198.8	2174.7

Supplementary file for Table-3

107	320	213	288	2207.9	2200.6	2176.1
107	321	214	288	2210.7	2203.7	2178.7
107	322	215	288	2213.4	2205.3	2179.9
107	323	216	288	2216.0	2208.3	2182.3
107	324	217	288	2218.5	2209.8	2183.5
107	325	218	288	2221.0	2212.6	2185.7
107	326	219	288	2223.4	2214.0	2186.7
107	327	220	288	2225.7	2216.6	2188.8
107	328	221	288	2227.9	2217.9	2189.7
107	329	222	288	2230.0	2220.4	2191.7
107	330	223	288	2232.1	2221.6	2192.4
107	331	224	288	2234.1	2224.0	2194.3
107	332	225	288	2236.0	2225.0	2194.8
107	333	226	288	2237.8	2227.3	2196.6
107	334	227	288	2239.6	2228.2	2197.0
107	335	228	288	2241.2	2230.3	2198.6
107	336	229	288	2242.8	2231.1	2198.9
107	337	230	288	2244.4	2233.2	2200.4
107	338	231	288	2245.8	2233.8	2200.6
107	339	232	288	2247.2	2235.8	2202.0
107	340	233	288	2248.4	2236.3	2202.0
107	341	234	288	2249.6	2238.1	2203.2
107	342	235	288	2250.8	2238.6	2203.2
107	343	236	288	2251.8	2240.3	2204.3
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
108	216	108	291	1476.7	1379.7	1390.4
108	217	109	291	1487.8	1394.6	1405.0
108	218	110	291	1498.9	1411.0	1420.9
108	219	111	291	1509.8	1425.5	1435.1
108	220	112	291	1520.7	1441.4	1450.5
108	221	113	291	1531.5	1455.5	1464.3
108	222	114	291	1542.2	1471.0	1479.4
108	223	115	291	1552.8	1484.7	1492.7
108	224	116	291	1563.4	1499.8	1507.4
108	225	117	291	1573.9	1513.1	1520.4
108	226	118	291	1584.3	1527.8	1534.6
108	227	119	291	1594.6	1540.7	1547.2
108	228	120	291	1604.9	1555.0	1561.1
108	229	121	291	1615.0	1567.5	1573.4
108	230	122	291	1625.1	1581.4	1586.9
108	231	123	291	1635.1	1593.5	1598.7
108	232	124	291	1645.0	1607.1	1611.9
108	233	125	291	1654.9	1618.8	1623.4
108	234	126	291	1664.7	1632.0	1636.2
108	235	127	291	1674.4	1643.4	1647.4
108	236	128	291	1684.0	1656.2	1659.8
108	237	129	291	1693.5	1667.3	1670.6
108	238	130	291	1703.0	1679.8	1682.7
108	239	131	291	1712.4	1690.5	1693.2
108	240	132	291	1721.7	1702.7	1705.0
108	241	133	291	1730.9	1713.1	1715.2
108	242	134	291	1740.0	1724.9	1726.6
108	243	135	291	1749.1	1735.0	1736.5

Supplementary file for Table-3

108	244	136	291	1758.1	1746.4	1747.6
108	245	137	291	1767.0	1756.2	1757.2
108	246	138	291	1775.8	1767.4	1768.0
108	247	139	291	1784.6	1776.9	1777.3
108	248	140	291	1793.3	1787.7	1787.8
108	249	141	291	1801.9	1796.9	1796.8
108	250	142	291	1810.4	1807.5	1807.0
108	251	143	291	1818.8	1816.4	1815.6
108	252	144	291	1827.2	1826.7	1825.6
108	253	145	291	1835.5	1835.3	1834.0
108	254	146	291	1843.7	1845.3	1843.6
108	255	147	291	1851.8	1853.6	1851.7
108	256	148	291	1859.9	1863.3	1861.1
108	257	149	291	1867.8	1871.4	1869.0
108	258	150	291	1875.7	1880.8	1878.0
108	259	151	291	1883.5	1888.6	1885.6
108	260	152	291	1891.3	1897.8	1894.5
108	261	153	291	1898.9	1905.3	1901.8
108	262	154	291	1906.5	1914.2	1910.4
108	263	155	291	1914.0	1921.5	1917.4
108	264	156	291	1921.4	1930.2	1925.7
108	265	157	291	1928.8	1937.2	1932.6
108	266	158	291	1936.0	1945.6	1940.6
108	267	159	291	1943.2	1952.5	1947.2
108	268	160	291	1950.3	1960.6	1955.0
108	269	161	291	1957.4	1967.2	1961.4
108	270	162	291	1964.3	1975.1	1969.0
108	271	163	291	1971.2	1981.5	1975.1
108	272	164	291	1978.0	1989.2	1982.4
108	273	165	291	1984.7	1995.3	1988.3
108	274	166	291	1991.4	2002.7	1995.4
108	275	167	291	1997.9	2008.7	2001.1
108	276	168	291	2004.4	2015.9	2008.0
108	277	169	291	2010.8	2021.6	2013.4
108	278	170	291	2017.1	2028.6	2020.1
108	279	171	291	2023.4	2034.1	2025.3
108	280	172	291	2029.6	2040.9	2031.8
108	281	173	291	2035.7	2046.2	2036.8
108	282	174	291	2041.7	2052.8	2043.0
108	283	175	291	2047.6	2057.9	2047.8
108	284	176	291	2053.5	2064.3	2053.8
108	285	177	291	2059.2	2069.1	2058.5
108	286	178	291	2065.0	2075.3	2064.3
108	287	179	291	2070.6	2080.0	2068.7
108	288	180	291	2076.1	2086.0	2074.3
108	289	181	291	2081.6	2090.5	2078.5
108	290	182	291	2087.0	2096.3	2083.9
108	291	183	291	2092.3	2100.6	2088.0
108	292	184	291	2097.5	2106.3	2093.2
108	293	185	291	2102.7	2110.4	2097.0
108	294	186	291	2107.8	2115.8	2102.1
108	295	187	291	2112.8	2119.8	2105.7
108	296	188	291	2117.7	2125.0	2110.6

Supplementary file for Table-3

108	297	189	291	2122.5	2128.8	2114.1
108	298	190	291	2127.3	2133.9	2118.7
108	299	191	291	2132.0	2137.5	2122.0
108	300	192	291	2136.6	2142.4	2126.5
108	301	193	291	2141.2	2145.8	2129.6
108	302	194	291	2145.6	2150.6	2133.9
108	303	195	291	2150.0	2153.9	2136.9
108	304	196	291	2154.3	2158.4	2141.0
108	305	197	291	2158.5	2161.5	2143.8
108	306	198	291	2162.7	2166.0	2147.8
108	307	199	291	2166.7	2168.9	2150.4
108	308	200	291	2170.7	2173.2	2154.2
108	309	201	291	2174.6	2176.0	2156.7
108	310	202	291	2178.5	2180.1	2160.3
108	311	203	291	2182.2	2182.7	2162.6
108	312	204	291	2185.9	2186.6	2166.1
108	313	205	291	2189.5	2189.1	2168.2
108	314	206	291	2193.0	2192.9	2171.5
108	315	207	291	2196.5	2195.3	2173.5
108	316	208	291	2199.8	2198.9	2176.7
108	317	209	291	2203.1	2201.1	2178.5
108	318	210	291	2206.3	2204.6	2181.5
108	319	211	291	2209.5	2206.7	2183.2
108	320	212	291	2212.5	2210.1	2186.1
108	321	213	291	2215.5	2212.0	2187.6
108	322	214	291	2218.4	2215.2	2190.3
108	323	215	291	2221.2	2217.0	2191.7
108	324	216	291	2224.0	2220.1	2194.3
108	325	217	291	2226.7	2221.8	2195.6
108	326	218	291	2229.3	2224.7	2198.0
108	327	219	291	2231.8	2226.2	2199.1
108	328	220	291	2234.2	2229.0	2201.4
108	329	221	291	2236.6	2230.4	2202.4
108	330	222	291	2238.8	2233.1	2204.5
108	331	223	291	2241.1	2234.4	2205.4
108	332	224	291	2243.2	2237.0	2207.4
108	333	225	291	2245.2	2238.1	2208.1
108	334	226	291	2247.2	2240.5	2210.0
108	335	227	291	2249.1	2241.6	2210.5
108	336	228	291	2250.9	2243.9	2212.3
108	337	229	291	2252.7	2244.8	2212.8
108	338	230	291	2254.3	2247.0	2214.4
108	339	231	291	2255.9	2247.8	2214.7
108	340	232	291	2257.4	2249.8	2216.2
108	341	233	291	2258.8	2250.5	2216.4
108	342	234	291	2260.2	2252.5	2217.7
108	343	235	291	2261.5	2253.1	2217.8
108	344	236	291	2262.7	2254.9	2219.1
108	345	237	291	2263.8	2255.3	2219.1
108	346	238	291	2264.8	2257.1	2220.2
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
109	218	109	295	1480.8	1384.2	1395.1
109	219	110	295	1492.0	1400.8	1411.3

Supplementary file for Table-3

109	220	111	295	1503.0	1415.5	1425.7
109	221	112	295	1514.0	1431.7	1441.4
109	222	113	295	1524.9	1446.1	1455.4
109	223	114	295	1535.7	1461.8	1470.7
109	224	115	295	1546.5	1475.7	1484.3
109	225	116	295	1557.2	1491.0	1499.2
109	226	117	295	1567.8	1504.6	1512.4
109	227	118	295	1578.3	1519.5	1526.9
109	228	119	295	1588.7	1532.6	1539.7
109	229	120	295	1599.1	1547.1	1553.8
109	230	121	295	1609.4	1559.9	1566.3
109	231	122	295	1619.6	1574.0	1580.0
109	232	123	295	1629.7	1586.4	1592.1
109	233	124	295	1639.7	1600.1	1605.5
109	234	125	295	1649.7	1612.1	1617.2
109	235	126	295	1659.6	1625.5	1630.2
109	236	127	295	1669.4	1637.2	1641.6
109	237	128	295	1679.2	1650.2	1654.3
109	238	129	295	1688.8	1661.5	1665.3
109	239	130	295	1698.4	1674.2	1677.6
109	240	131	295	1707.9	1685.2	1688.4
109	241	132	295	1717.4	1697.5	1700.3
109	242	133	295	1726.7	1708.2	1710.7
109	243	134	295	1736.0	1720.2	1722.4
109	244	135	295	1745.2	1730.5	1732.5
109	245	136	295	1754.3	1742.2	1743.8
109	246	137	295	1763.4	1752.2	1753.6
109	247	138	295	1772.3	1763.6	1764.6
109	248	139	295	1781.2	1773.3	1774.1
109	249	140	295	1790.0	1784.3	1784.8
109	250	141	295	1798.8	1793.7	1794.0
109	251	142	295	1807.4	1804.5	1804.4
109	252	143	295	1816.0	1813.6	1813.3
109	253	144	295	1824.5	1824.1	1823.4
109	254	145	295	1832.9	1832.9	1832.0
109	255	146	295	1841.3	1843.1	1841.8
109	256	147	295	1849.6	1851.6	1850.2
109	257	148	295	1857.7	1861.6	1859.7
109	258	149	295	1865.9	1869.8	1867.8
109	259	150	295	1873.9	1879.5	1877.1
109	260	151	295	1881.9	1887.5	1884.8
109	261	152	295	1889.7	1896.8	1893.9
109	262	153	295	1897.6	1904.6	1901.4
109	263	154	295	1905.3	1913.7	1910.2
109	264	155	295	1912.9	1921.2	1917.4
109	265	156	295	1920.5	1930.0	1925.9
109	266	157	295	1928.0	1937.3	1933.0
109	267	158	295	1935.4	1945.9	1941.2
109	268	159	295	1942.8	1952.9	1948.0
109	269	160	295	1950.0	1961.2	1956.0
109	270	161	295	1957.2	1968.0	1962.5
109	271	162	295	1964.3	1976.1	1970.3
109	272	163	295	1971.4	1982.7	1976.6

Supplementary file for Table-3

109	273	164	295	1978.3	1990.5	1984.1
109	274	165	295	1985.2	1996.9	1990.2
109	275	166	295	1992.0	2004.5	1997.5
109	276	167	295	1998.7	2010.6	2003.3
109	277	168	295	2005.4	2018.0	2010.4
109	278	169	295	2011.9	2023.9	2016.0
109	279	170	295	2018.4	2031.1	2022.9
109	280	171	295	2024.8	2036.8	2028.3
109	281	172	295	2031.2	2043.8	2034.9
109	282	173	295	2037.4	2049.2	2040.1
109	283	174	295	2043.6	2056.0	2046.5
109	284	175	295	2049.7	2061.3	2051.5
109	285	176	295	2055.8	2067.8	2057.7
109	286	177	295	2061.7	2072.9	2062.5
109	287	178	295	2067.6	2079.3	2068.5
109	288	179	295	2073.4	2084.1	2073.1
109	289	180	295	2079.1	2090.3	2078.9
109	290	181	295	2084.7	2095.0	2083.3
109	291	182	295	2090.3	2101.0	2088.8
109	292	183	295	2095.8	2105.4	2093.0
109	293	184	295	2101.2	2111.2	2098.4
109	294	185	295	2106.5	2115.5	2102.4
109	295	186	295	2111.8	2121.1	2107.6
109	296	187	295	2117.0	2125.3	2111.5
109	297	188	295	2122.1	2130.7	2116.5
109	298	189	295	2127.1	2134.6	2120.1
109	299	190	295	2132.1	2139.9	2125.0
109	300	191	295	2136.9	2143.7	2128.4
109	301	192	295	2141.7	2148.7	2133.1
109	302	193	295	2146.5	2152.3	2136.4
109	303	194	295	2151.1	2157.2	2140.8
109	304	195	295	2155.7	2160.7	2144.0
109	305	196	295	2160.2	2165.4	2148.3
109	306	197	295	2164.6	2168.7	2151.2
109	307	198	295	2168.9	2173.3	2155.3
109	308	199	295	2173.2	2176.4	2158.1
109	309	200	295	2177.4	2180.8	2162.1
109	310	201	295	2181.5	2183.7	2164.7
109	311	202	295	2185.5	2188.0	2168.5
109	312	203	295	2189.4	2190.8	2170.9
109	313	204	295	2193.3	2194.9	2174.6
109	314	205	295	2197.1	2197.6	2176.9
109	315	206	295	2200.8	2201.5	2180.3
109	316	207	295	2204.5	2204.0	2182.5
109	317	208	295	2208.0	2207.8	2185.8
109	318	209	295	2211.5	2210.2	2187.8
109	319	210	295	2214.9	2213.8	2190.9
109	320	211	295	2218.3	2216.0	2192.8
109	321	212	295	2221.5	2219.5	2195.8
109	322	213	295	2224.7	2221.6	2197.5
109	323	214	295	2227.8	2225.0	2200.4
109	324	215	295	2230.9	2226.9	2201.9
109	325	216	295	2233.8	2230.2	2204.6

Supplementary file for Table-3

109	326	217	295	2236.7	2232.0	2206.0
109	327	218	295	2239.5	2235.1	2208.6
109	328	219	295	2242.2	2236.8	2209.9
109	329	220	295	2244.9	2239.7	2212.3
109	330	221	295	2247.4	2241.3	2213.4
109	331	222	295	2249.9	2244.1	2215.7
109	332	223	295	2252.3	2245.5	2216.7
109	333	224	295	2254.7	2248.2	2218.8
109	334	225	295	2256.9	2249.5	2219.7
109	335	226	295	2259.1	2252.1	2221.7
109	336	227	295	2261.2	2253.2	2222.5
109	337	228	295	2263.3	2255.7	2224.3
109	338	229	295	2265.2	2256.8	2225.0
109	339	230	295	2267.1	2259.1	2226.7
109	340	231	295	2268.9	2260.0	2227.2
109	341	232	295	2270.7	2262.2	2228.8
109	342	233	295	2272.3	2263.0	2229.2
109	343	234	295	2273.9	2265.1	2230.6
109	344	235	295	2275.4	2265.8	2230.9
109	345	236	295	2276.8	2267.8	2232.2
109	346	237	295	2278.1	2268.4	2232.4
109	347	238	295	2279.4	2270.2	2233.6
109	348	239	295	2280.6	2270.7	2233.6
109	349	240	295	2281.7	2272.5	2234.7
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
110	220	110	298	1489.4	1391.8	1402.8
110	221	111	298	1500.5	1406.8	1417.4
110	222	112	298	1511.5	1423.2	1433.4
110	223	113	298	1522.5	1437.8	1447.6
110	224	114	298	1533.4	1453.8	1463.1
110	225	115	298	1544.2	1467.9	1476.9
110	226	116	298	1554.9	1483.5	1492.0
110	227	117	298	1565.6	1497.2	1505.5
110	228	118	298	1576.2	1512.4	1520.2
110	229	119	298	1586.7	1525.7	1533.3
110	230	120	298	1597.1	1540.5	1547.6
110	231	121	298	1607.4	1553.5	1560.3
110	232	122	298	1617.7	1567.8	1574.2
110	233	123	298	1627.9	1580.4	1586.5
110	234	124	298	1638.0	1594.4	1600.1
110	235	125	298	1648.1	1606.6	1612.1
110	236	126	298	1658.0	1620.2	1625.3
110	237	127	298	1667.9	1632.1	1636.9
110	238	128	298	1677.7	1645.4	1649.8
110	239	129	298	1687.4	1656.9	1661.0
110	240	130	298	1697.1	1669.8	1673.6
110	241	131	298	1706.7	1681.0	1684.5
110	242	132	298	1716.2	1693.6	1696.7
110	243	133	298	1725.6	1704.4	1707.3
110	244	134	298	1735.0	1716.6	1719.2
110	245	135	298	1744.2	1727.2	1729.4
110	246	136	298	1753.4	1739.1	1741.0
110	247	137	298	1762.5	1749.3	1751.0

Supplementary file for Table-3

110	248	138	298	1771.6	1760.9	1762.2
110	249	139	298	1780.5	1770.8	1771.9
110	250	140	298	1789.4	1782.1	1782.8
110	251	141	298	1798.2	1791.7	1792.2
110	252	142	298	1807.0	1802.6	1802.8
110	253	143	298	1815.6	1812.0	1811.9
110	254	144	298	1824.2	1822.6	1822.2
110	255	145	298	1832.7	1831.7	1831.0
110	256	146	298	1841.1	1842.0	1841.0
110	257	147	298	1849.5	1850.8	1849.6
110	258	148	298	1857.8	1860.9	1859.3
110	259	149	298	1866.0	1869.4	1867.6
110	260	150	298	1874.1	1879.2	1877.0
110	261	151	298	1882.1	1887.4	1885.0
110	262	152	298	1890.1	1897.0	1894.2
110	263	153	298	1898.0	1904.9	1902.0
110	264	154	298	1905.8	1914.2	1910.9
110	265	155	298	1913.5	1921.9	1918.4
110	266	156	298	1921.2	1930.9	1927.1
110	267	157	298	1928.8	1938.4	1934.3
110	268	158	298	1936.3	1947.2	1942.7
110	269	159	298	1943.7	1954.4	1949.7
110	270	160	298	1951.1	1962.9	1957.9
110	271	161	298	1958.3	1969.9	1964.6
110	272	162	298	1965.5	1978.2	1972.5
110	273	163	298	1972.7	1984.9	1979.0
110	274	164	298	1979.7	1993.0	1986.7
110	275	165	298	1986.7	1999.5	1993.0
110	276	166	298	1993.6	2007.3	2000.5
110	277	167	298	2000.4	2013.6	2006.5
110	278	168	298	2007.1	2021.2	2013.7
110	279	169	298	2013.8	2027.2	2019.5
110	280	170	298	2020.4	2034.6	2026.6
110	281	171	298	2026.9	2040.5	2032.2
110	282	172	298	2033.3	2047.6	2039.0
110	283	173	298	2039.7	2053.3	2044.3
110	284	174	298	2046.0	2060.2	2050.9
110	285	175	298	2052.2	2065.7	2056.1
110	286	176	298	2058.3	2072.4	2062.5
110	287	177	298	2064.4	2077.7	2067.4
110	288	178	298	2070.3	2084.2	2073.6
110	289	179	298	2076.2	2089.2	2078.3
110	290	180	298	2082.1	2095.6	2084.3
110	291	181	298	2087.8	2100.4	2088.9
110	292	182	298	2093.5	2106.6	2094.6
110	293	183	298	2099.1	2111.2	2099.0
110	294	184	298	2104.6	2117.2	2104.6
110	295	185	298	2110.0	2121.7	2108.7
110	296	186	298	2115.4	2127.4	2114.1
110	297	187	298	2120.7	2131.7	2118.1
110	298	188	298	2125.9	2137.3	2123.3
110	299	189	298	2131.0	2141.4	2127.1
110	300	190	298	2136.1	2146.8	2132.1

Supplementary file for Table-3

110	301	191	298	2141.1	2150.8	2135.7
110	302	192	298	2146.0	2156.0	2140.5
110	303	193	298	2150.8	2159.8	2144.0
110	304	194	298	2155.6	2164.9	2148.6
110	305	195	298	2160.2	2168.5	2151.9
110	306	196	298	2164.8	2173.3	2156.3
110	307	197	298	2169.4	2176.8	2159.4
110	308	198	298	2173.8	2181.5	2163.7
110	309	199	298	2178.2	2184.8	2166.7
110	310	200	298	2182.5	2189.4	2170.8
110	311	201	298	2186.7	2192.5	2173.6
110	312	202	298	2190.9	2196.9	2177.5
110	313	203	298	2194.9	2199.8	2180.1
110	314	204	298	2198.9	2204.1	2183.9
110	315	205	298	2202.8	2206.9	2186.4
110	316	206	298	2206.7	2211.0	2190.0
110	317	207	298	2210.4	2213.7	2192.3
110	318	208	298	2214.1	2217.6	2195.7
110	319	209	298	2217.7	2220.1	2197.9
110	320	210	298	2221.3	2223.9	2201.2
110	321	211	298	2224.7	2226.3	2203.2
110	322	212	298	2228.1	2229.9	2206.3
110	323	213	298	2231.4	2232.2	2208.2
110	324	214	298	2234.7	2235.7	2211.2
110	325	215	298	2237.8	2237.8	2212.9
110	326	216	298	2240.9	2241.2	2215.8
110	327	217	298	2243.9	2243.1	2217.3
110	328	218	298	2246.8	2246.3	2220.0
110	329	219	298	2249.7	2248.2	2221.4
110	330	220	298	2252.5	2251.3	2224.0
110	331	221	298	2255.2	2253.0	2225.3
110	332	222	298	2257.8	2255.9	2227.7
110	333	223	298	2260.3	2257.5	2228.9
110	334	224	298	2262.8	2260.3	2231.1
110	335	225	298	2265.2	2261.8	2232.2
110	336	226	298	2267.5	2264.5	2234.3
110	337	227	298	2269.8	2265.8	2235.2
110	338	228	298	2271.9	2268.4	2237.2
110	339	229	298	2274.0	2269.6	2237.9
110	340	230	298	2276.0	2272.0	2239.8
110	341	231	298	2278.0	2273.1	2240.5
110	342	232	298	2279.8	2275.5	2242.2
110	343	233	298	2281.6	2276.4	2242.7
110	344	234	298	2283.3	2278.6	2244.3
110	345	235	298	2285.0	2279.5	2244.7
110	346	236	298	2286.5	2281.6	2246.2
110	347	237	298	2288.0	2282.3	2246.5
110	348	238	298	2289.4	2284.3	2247.8
110	349	239	298	2290.8	2284.9	2248.0
110	350	240	298	2292.0	2286.8	2249.2
110	351	241	298	2293.2	2287.3	2249.2
110	352	242	298	2294.3	2289.1	2250.4
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)

Supplementary file for Table-3

111	222	111	301	1497.9	1396.1	1407.3
111	223	112	301	1509.0	1412.7	1423.5
111	224	113	301	1520.0	1427.5	1437.9
111	225	114	301	1530.9	1443.7	1453.7
111	226	115	301	1541.8	1458.1	1467.8
111	227	116	301	1552.6	1473.9	1483.1
111	228	117	301	1563.3	1487.9	1496.8
111	229	118	301	1573.9	1503.3	1511.7
111	230	119	301	1584.5	1516.9	1525.0
111	231	120	301	1595.0	1531.9	1539.5
111	232	121	301	1605.4	1545.1	1552.4
111	233	122	301	1615.7	1559.7	1566.6
111	234	123	301	1626.0	1572.5	1579.1
111	235	124	301	1636.1	1586.7	1592.9
111	236	125	301	1646.2	1599.2	1605.1
111	237	126	301	1656.3	1613.0	1618.6
111	238	127	301	1666.2	1625.1	1630.4
111	239	128	301	1676.1	1638.6	1643.5
111	240	129	301	1685.9	1650.3	1655.0
111	241	130	301	1695.6	1663.4	1667.7
111	242	131	301	1705.3	1674.9	1678.8
111	243	132	301	1714.8	1687.6	1691.2
111	244	133	301	1724.3	1698.7	1702.1
111	245	134	301	1733.7	1711.2	1714.1
111	246	135	301	1743.1	1721.9	1724.6
111	247	136	301	1752.4	1734.0	1736.4
111	248	137	301	1761.5	1744.4	1746.6
111	249	138	301	1770.7	1756.2	1758.0
111	250	139	301	1779.7	1766.4	1767.9
111	251	140	301	1788.7	1777.9	1779.0
111	252	141	301	1797.5	1787.7	1788.6
111	253	142	301	1806.3	1798.9	1799.4
111	254	143	301	1815.1	1808.4	1808.7
111	255	144	301	1823.7	1819.3	1819.2
111	256	145	301	1832.3	1828.5	1828.2
111	257	146	301	1840.8	1839.1	1838.5
111	258	147	301	1849.2	1848.0	1847.2
111	259	148	301	1857.6	1858.3	1857.2
111	260	149	301	1865.9	1867.0	1865.6
111	261	150	301	1874.1	1877.1	1875.3
111	262	151	301	1882.2	1885.5	1883.5
111	263	152	301	1890.2	1895.2	1892.9
111	264	153	301	1898.2	1903.4	1900.8
111	265	154	301	1906.1	1912.9	1909.9
111	266	155	301	1913.9	1920.8	1917.6
111	267	156	301	1921.7	1930.0	1926.5
111	268	157	301	1929.3	1937.6	1933.9
111	269	158	301	1936.9	1946.6	1942.5
111	270	159	301	1944.5	1954.0	1949.6
111	271	160	301	1951.9	1962.7	1958.0
111	272	161	301	1959.3	1969.9	1964.9
111	273	162	301	1966.5	1978.4	1973.1
111	274	163	301	1973.8	1985.3	1979.7

Supplementary file for Table-3

111	275	164	301	1980.9	1993.5	1987.6
111	276	165	301	1987.9	2000.2	1994.1
111	277	166	301	1994.9	2008.2	2001.7
111	278	167	301	2001.8	2014.7	2007.9
111	279	168	301	2008.7	2022.5	2015.4
111	280	169	301	2015.4	2028.7	2021.4
111	281	170	301	2022.1	2036.3	2028.6
111	282	171	301	2028.7	2042.3	2034.3
111	283	172	301	2035.2	2049.7	2041.3
111	284	173	301	2041.7	2055.5	2046.9
111	285	174	301	2048.1	2062.6	2053.6
111	286	175	301	2054.4	2068.3	2059.0
111	287	176	301	2060.6	2075.2	2065.5
111	288	177	301	2066.8	2080.6	2070.7
111	289	178	301	2072.8	2087.3	2077.0
111	290	179	301	2078.8	2092.5	2081.9
111	291	180	301	2084.7	2099.0	2088.1
111	292	181	301	2090.6	2104.1	2092.8
111	293	182	301	2096.4	2110.4	2098.7
111	294	183	301	2102.1	2115.2	2103.3
111	295	184	301	2107.7	2121.3	2109.0
111	296	185	301	2113.2	2126.0	2113.3
111	297	186	301	2118.7	2131.9	2118.9
111	298	187	301	2124.1	2136.4	2123.0
111	299	188	301	2129.4	2142.2	2128.4
111	300	189	301	2134.6	2146.4	2132.4
111	301	190	301	2139.8	2152.0	2137.5
111	302	191	301	2144.9	2156.1	2141.3
111	303	192	301	2149.9	2161.5	2146.3
111	304	193	301	2154.9	2165.4	2149.9
111	305	194	301	2159.7	2170.7	2154.7
111	306	195	301	2164.5	2174.4	2158.1
111	307	196	301	2169.2	2179.5	2162.8
111	308	197	301	2173.9	2183.1	2166.0
111	309	198	301	2178.4	2188.0	2170.5
111	310	199	301	2182.9	2191.4	2173.6
111	311	200	301	2187.3	2196.1	2177.8
111	312	201	301	2191.6	2199.4	2180.8
111	313	202	301	2195.9	2204.0	2184.9
111	314	203	301	2200.1	2207.1	2187.7
111	315	204	301	2204.2	2211.5	2191.6
111	316	205	301	2208.2	2214.5	2194.2
111	317	206	301	2212.2	2218.7	2198.0
111	318	207	301	2216.1	2221.6	2200.4
111	319	208	301	2219.9	2225.6	2204.0
111	320	209	301	2223.6	2228.3	2206.3
111	321	210	301	2227.3	2232.3	2209.8
111	322	211	301	2230.8	2234.8	2212.0
111	323	212	301	2234.3	2238.6	2215.3
111	324	213	301	2237.8	2241.0	2217.3
111	325	214	301	2241.1	2244.6	2220.4
111	326	215	301	2244.4	2246.9	2222.3
111	327	216	301	2247.6	2250.4	2225.3

Supplementary file for Table-3

111	328	217	301	2250.7	2252.5	2227.0
111	329	218	301	2253.8	2255.9	2229.8
111	330	219	301	2256.8	2257.9	2231.4
111	331	220	301	2259.7	2261.1	2234.1
111	332	221	301	2262.5	2263.0	2235.5
111	333	222	301	2265.2	2266.1	2238.1
111	334	223	301	2267.9	2267.8	2239.4
111	335	224	301	2270.5	2270.7	2241.8
111	336	225	301	2273.0	2272.3	2243.0
111	337	226	301	2275.5	2275.2	2245.3
111	338	227	301	2277.9	2276.7	2246.3
111	339	228	301	2280.2	2279.4	2248.4
111	340	229	301	2282.4	2280.7	2249.3
111	341	230	301	2284.5	2283.3	2251.4
111	342	231	301	2286.6	2284.5	2252.1
111	343	232	301	2288.6	2287.0	2254.0
111	344	233	301	2290.5	2288.1	2254.7
111	345	234	301	2292.4	2290.4	2256.4
111	346	235	301	2294.2	2291.4	2256.9
111	347	236	301	2295.9	2293.7	2258.6
111	348	237	301	2297.5	2294.5	2259.0
111	349	238	301	2299.0	2296.7	2260.5
111	350	239	301	2300.5	2297.4	2260.7
111	351	240	301	2301.9	2299.4	2262.1
111	352	241	301	2303.2	2300.1	2262.3
111	353	242	301	2304.5	2302.0	2263.5
111	354	243	301	2305.6	2302.5	2263.6
111	355	244	301	2306.7	2304.3	2264.7
111	356	245	301	2307.8	2304.7	2264.6
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
112	224	112	305	1501.6	1403.5	1414.7
112	225	113	305	1512.8	1418.5	1429.4
112	226	114	305	1523.8	1435.0	1445.4
112	227	115	305	1534.8	1449.6	1459.7
112	228	116	305	1545.7	1465.6	1475.2
112	229	117	305	1556.5	1479.8	1489.1
112	230	118	305	1567.2	1495.4	1504.3
112	231	119	305	1577.9	1509.3	1517.8
112	232	120	305	1588.5	1524.5	1532.5
112	233	121	305	1599.0	1537.9	1545.7
112	234	122	305	1609.5	1552.7	1560.0
112	235	123	305	1619.8	1565.8	1572.8
112	236	124	305	1630.1	1580.2	1586.8
112	237	125	305	1640.3	1592.9	1599.2
112	238	126	305	1650.5	1606.9	1612.9
112	239	127	305	1660.5	1619.2	1624.9
112	240	128	305	1670.5	1632.9	1638.2
112	241	129	305	1680.4	1644.9	1649.9
112	242	130	305	1690.3	1658.2	1662.9
112	243	131	305	1700.0	1669.9	1674.2
112	244	132	305	1709.7	1682.9	1686.8
112	245	133	305	1719.3	1694.2	1697.9
112	246	134	305	1728.9	1706.8	1710.1

Supplementary file for Table-3

112	247	135	305	1738.3	1717.8	1720.8
112	248	136	305	1747.7	1730.1	1732.8
112	249	137	305	1757.0	1740.7	1743.2
112	250	138	305	1766.3	1752.7	1754.8
112	251	139	305	1775.4	1763.1	1764.9
112	252	140	305	1784.5	1774.8	1776.2
112	253	141	305	1793.5	1784.8	1786.0
112	254	142	305	1802.5	1796.2	1797.0
112	255	143	305	1811.3	1805.9	1806.5
112	256	144	305	1820.1	1817.0	1817.3
112	257	145	305	1828.8	1826.4	1826.5
112	258	146	305	1837.5	1837.2	1836.9
112	259	147	305	1846.0	1846.4	1845.8
112	260	148	305	1854.5	1856.9	1856.0
112	261	149	305	1862.9	1865.8	1864.6
112	262	150	305	1871.3	1876.0	1874.5
112	263	151	305	1879.5	1884.6	1882.8
112	264	152	305	1887.7	1894.5	1892.4
112	265	153	305	1895.8	1902.9	1900.6
112	266	154	305	1903.8	1912.6	1909.9
112	267	155	305	1911.8	1920.7	1917.7
112	268	156	305	1919.7	1930.1	1926.8
112	269	157	305	1927.5	1937.9	1934.4
112	270	158	305	1935.2	1947.1	1943.2
112	271	159	305	1942.9	1954.7	1950.5
112	272	160	305	1950.5	1963.6	1959.1
112	273	161	305	1958.0	1970.9	1966.2
112	274	162	305	1965.4	1979.6	1974.5
112	275	163	305	1972.8	1986.7	1981.4
112	276	164	305	1980.1	1995.1	1989.5
112	277	165	305	1987.3	2002.0	1996.1
112	278	166	305	1994.4	2010.2	2003.9
112	279	167	305	2001.5	2016.9	2010.3
112	280	168	305	2008.4	2024.8	2017.9
112	281	169	305	2015.3	2031.3	2024.1
112	282	170	305	2022.2	2039.0	2031.5
112	283	171	305	2028.9	2045.2	2037.4
112	284	172	305	2035.6	2052.7	2044.6
112	285	173	305	2042.2	2058.7	2050.3
112	286	174	305	2048.8	2066.1	2057.2
112	287	175	305	2055.2	2071.8	2062.7
112	288	176	305	2061.6	2078.9	2069.5
112	289	177	305	2067.9	2084.5	2074.8
112	290	178	305	2074.1	2091.4	2081.3
112	291	179	305	2080.3	2096.8	2086.4
112	292	180	305	2086.4	2103.5	2092.7
112	293	181	305	2092.4	2108.7	2097.6
112	294	182	305	2098.3	2115.2	2103.7
112	295	183	305	2104.2	2120.2	2108.4
112	296	184	305	2110.0	2126.5	2114.3
112	297	185	305	2115.7	2131.3	2118.8
112	298	186	305	2121.3	2137.4	2124.5
112	299	187	305	2126.9	2142.0	2128.9

Supplementary file for Table-3

112	300	188	305	2132.4	2148.0	2134.4
112	301	189	305	2137.8	2152.4	2138.5
112	302	190	305	2143.1	2158.1	2143.8
112	303	191	305	2148.4	2162.4	2147.8
112	304	192	305	2153.5	2168.0	2152.9
112	305	193	305	2158.7	2172.1	2156.7
112	306	194	305	2163.7	2177.5	2161.7
112	307	195	305	2168.7	2181.4	2165.3
112	308	196	305	2173.5	2186.6	2170.0
112	309	197	305	2178.3	2190.4	2173.5
112	310	198	305	2183.1	2195.4	2178.1
112	311	199	305	2187.7	2199.0	2181.3
112	312	200	305	2192.3	2203.9	2185.7
112	313	201	305	2196.8	2207.3	2188.8
112	314	202	305	2201.3	2212.0	2193.1
112	315	203	305	2205.7	2215.3	2196.0
112	316	204	305	2209.9	2219.9	2200.1
112	317	205	305	2214.2	2223.0	2202.9
112	318	206	305	2218.3	2227.4	2206.8
112	319	207	305	2222.4	2230.4	2209.4
112	320	208	305	2226.4	2234.6	2213.2
112	321	209	305	2230.3	2237.4	2215.6
112	322	210	305	2234.1	2241.5	2219.2
112	323	211	305	2237.9	2244.2	2221.5
112	324	212	305	2241.6	2248.2	2225.0
112	325	213	305	2245.2	2250.7	2227.1
112	326	214	305	2248.7	2254.5	2230.4
112	327	215	305	2252.2	2256.9	2232.4
112	328	216	305	2255.6	2260.6	2235.6
112	329	217	305	2258.9	2262.8	2237.5
112	330	218	305	2262.2	2266.3	2240.4
112	331	219	305	2265.3	2268.5	2242.2
112	332	220	305	2268.4	2271.8	2245.0
112	333	221	305	2271.4	2273.8	2246.6
112	334	222	305	2274.4	2277.1	2249.3
112	335	223	305	2277.3	2278.9	2250.7
112	336	224	305	2280.1	2282.1	2253.3
112	337	225	305	2282.8	2283.8	2254.6
112	338	226	305	2285.4	2286.8	2257.0
112	339	227	305	2288.0	2288.4	2258.2
112	340	228	305	2290.5	2291.2	2260.5
112	341	229	305	2292.9	2292.7	2261.5
112	342	230	305	2295.3	2295.4	2263.7
112	343	231	305	2297.6	2296.8	2264.6
112	344	232	305	2299.8	2299.4	2266.6
112	345	233	305	2301.9	2300.7	2267.4
112	346	234	305	2304.0	2303.1	2269.3
112	347	235	305	2305.9	2304.3	2269.9
112	348	236	305	2307.9	2306.6	2271.7
112	349	237	305	2309.7	2307.6	2272.2
112	350	238	305	2311.4	2309.9	2273.9
112	351	239	305	2313.1	2310.8	2274.3
112	352	240	305	2314.7	2312.9	2275.8

Supplementary file for Table-3

112	353	241	305	2316.3	2313.7	2276.1
112	354	242	305	2317.7	2315.7	2277.5
112	355	243	305	2319.1	2316.4	2277.7
112	356	244	305	2320.4	2318.3	2278.9
112	357	245	305	2321.7	2318.9	2279.0
112	358	246	305	2322.8	2320.7	2280.1
112	359	247	305	2323.9	2321.1	2280.1
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
113	226	113	308	1510.0	1407.5	1419.0
113	227	114	308	1521.1	1424.2	1435.2
113	228	115	308	1532.1	1439.1	1449.7
113	229	116	308	1543.0	1455.3	1465.5
113	230	117	308	1553.9	1469.8	1479.6
113	231	118	308	1564.7	1485.6	1495.0
113	232	119	308	1575.4	1499.7	1508.7
113	233	120	308	1586.1	1515.1	1523.7
113	234	121	308	1596.6	1528.8	1537.1
113	235	122	308	1607.1	1543.8	1551.7
113	236	123	308	1617.6	1557.1	1564.7
113	237	124	308	1627.9	1571.7	1578.9
113	238	125	308	1638.2	1584.6	1591.5
113	239	126	308	1648.4	1598.9	1605.4
113	240	127	308	1658.5	1611.5	1617.6
113	241	128	308	1668.6	1625.4	1631.1
113	242	129	308	1678.5	1637.6	1643.1
113	243	130	308	1688.5	1651.1	1656.2
113	244	131	308	1698.3	1663.0	1667.8
113	245	132	308	1708.0	1676.2	1680.6
113	246	133	308	1717.7	1687.7	1691.9
113	247	134	308	1727.3	1700.5	1704.3
113	248	135	308	1736.8	1711.7	1715.3
113	249	136	308	1746.3	1724.3	1727.4
113	250	137	308	1755.7	1735.1	1738.0
113	251	138	308	1765.0	1747.3	1749.9
113	252	139	308	1774.2	1757.9	1760.2
113	253	140	308	1783.4	1769.8	1771.7
113	254	141	308	1792.4	1780.0	1781.7
113	255	142	308	1801.4	1791.6	1792.9
113	256	143	308	1810.4	1801.5	1802.6
113	257	144	308	1819.2	1812.8	1813.5
113	258	145	308	1828.0	1822.5	1822.9
113	259	146	308	1836.7	1833.5	1833.6
113	260	147	308	1845.4	1842.8	1842.7
113	261	148	308	1853.9	1853.5	1853.0
113	262	149	308	1862.4	1862.6	1861.9
113	263	150	308	1870.8	1873.0	1871.9
113	264	151	308	1879.1	1881.8	1880.5
113	265	152	308	1887.4	1892.0	1890.3
113	266	153	308	1895.6	1900.5	1898.6
113	267	154	308	1903.7	1910.4	1908.1
113	268	155	308	1911.7	1918.7	1916.2
113	269	156	308	1919.7	1928.3	1925.4
113	270	157	308	1927.6	1936.3	1933.2

Supplementary file for Table-3

113	271	158	308	1935.4	1945.7	1942.2
113	272	159	308	1943.1	1953.5	1949.7
113	273	160	308	1950.8	1962.6	1958.5
113	274	161	308	1958.4	1970.1	1965.8
113	275	162	308	1965.9	1979.0	1974.3
113	276	163	308	1973.3	1986.3	1981.3
113	277	164	308	1980.7	1994.9	1989.6
113	278	165	308	1988.0	2002.0	1996.4
113	279	166	308	1995.2	2010.4	2004.4
113	280	167	308	2002.4	2017.2	2011.0
113	281	168	308	2009.4	2025.3	2018.8
113	282	169	308	2016.4	2032.0	2025.1
113	283	170	308	2023.4	2039.9	2032.7
113	284	171	308	2030.2	2046.3	2038.8
113	285	172	308	2037.0	2054.0	2046.1
113	286	173	308	2043.7	2060.2	2052.0
113	287	174	308	2050.3	2067.6	2059.1
113	288	175	308	2056.8	2073.6	2064.8
113	289	176	308	2063.3	2080.9	2071.7
113	290	177	308	2069.7	2086.7	2077.2
113	291	178	308	2076.0	2093.7	2083.9
113	292	179	308	2082.3	2099.3	2089.2
113	293	180	308	2088.5	2106.2	2095.6
113	294	181	308	2094.6	2111.5	2100.7
113	295	182	308	2100.6	2118.2	2107.0
113	296	183	308	2106.5	2123.4	2111.9
113	297	184	308	2112.4	2129.8	2117.9
113	298	185	308	2118.2	2134.8	2122.6
113	299	186	308	2124.0	2141.1	2128.5
113	300	187	308	2129.6	2145.9	2133.0
113	301	188	308	2135.2	2152.0	2138.7
113	302	189	308	2140.7	2156.6	2143.0
113	303	190	308	2146.2	2162.5	2148.5
113	304	191	308	2151.5	2166.9	2152.6
113	305	192	308	2156.8	2172.7	2157.9
113	306	193	308	2162.0	2176.9	2161.8
113	307	194	308	2167.1	2182.5	2166.9
113	308	195	308	2172.2	2186.6	2170.7
113	309	196	308	2177.2	2191.9	2175.7
113	310	197	308	2182.1	2195.9	2179.2
113	311	198	308	2187.0	2201.1	2184.0
113	312	199	308	2191.7	2204.8	2187.4
113	313	200	308	2196.4	2209.9	2192.0
113	314	201	308	2201.0	2213.5	2195.3
113	315	202	308	2205.6	2218.3	2199.7
113	316	203	308	2210.1	2221.8	2202.8
113	317	204	308	2214.5	2226.5	2207.0
113	318	205	308	2218.8	2229.8	2209.9
113	319	206	308	2223.0	2234.3	2214.0
113	320	207	308	2227.2	2237.4	2216.8
113	321	208	308	2231.3	2241.8	2220.7
113	322	209	308	2235.3	2244.8	2223.3
113	323	210	308	2239.3	2249.1	2227.1

Supplementary file for Table-3

113	324	211	308	2243.2	2251.9	2229.5
113	325	212	308	2247.0	2256.0	2233.1
113	326	213	308	2250.7	2258.7	2235.4
113	327	214	308	2254.4	2262.6	2238.9
113	328	215	308	2258.0	2265.2	2241.0
113	329	216	308	2261.5	2269.0	2244.3
113	330	217	308	2264.9	2271.4	2246.3
113	331	218	308	2268.3	2275.1	2249.5
113	332	219	308	2271.6	2277.3	2251.3
113	333	220	308	2274.8	2280.9	2254.3
113	334	221	308	2277.9	2283.0	2256.0
113	335	222	308	2281.0	2286.4	2258.9
113	336	223	308	2284.0	2288.4	2260.5
113	337	224	308	2286.9	2291.7	2263.2
113	338	225	308	2289.7	2293.5	2264.6
113	339	226	308	2292.5	2296.7	2267.2
113	340	227	308	2295.2	2298.4	2268.5
113	341	228	308	2297.8	2301.4	2270.9
113	342	229	308	2300.4	2303.0	2272.1
113	343	230	308	2302.9	2305.9	2274.4
113	344	231	308	2305.3	2307.4	2275.5
113	345	232	308	2307.6	2310.1	2277.6
113	346	233	308	2309.8	2311.5	2278.6
113	347	234	308	2312.0	2314.1	2280.6
113	348	235	308	2314.1	2315.4	2281.4
113	349	236	308	2316.2	2317.9	2283.3
113	350	237	308	2318.1	2319.0	2283.9
113	351	238	308	2320.0	2321.4	2285.7
113	352	239	308	2321.8	2322.5	2286.3
113	353	240	308	2323.6	2324.7	2287.9
113	354	241	308	2325.2	2325.6	2288.3
113	355	242	308	2326.8	2327.8	2289.9
113	356	243	308	2328.4	2328.6	2290.2
113	357	244	308	2329.8	2330.6	2291.6
113	358	245	308	2331.2	2331.3	2291.8
113	359	246	308	2332.5	2333.3	2293.1
113	360	247	308	2333.7	2333.9	2293.1
113	361	248	308	2334.9	2335.7	2294.3
113	362	249	308	2335.9	2336.2	2294.3
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
114	228	114	312	1513.5	1414.6	1426.1
114	229	115	312	1524.6	1429.7	1440.9
114	230	116	312	1535.7	1446.2	1456.9
114	231	117	312	1546.7	1460.9	1471.2
114	232	118	312	1557.6	1477.0	1486.8
114	233	119	312	1568.4	1491.3	1500.8
114	234	120	312	1579.1	1506.9	1516.0
114	235	121	312	1589.8	1520.8	1529.6
114	236	122	312	1600.4	1536.1	1544.4
114	237	123	312	1610.9	1549.6	1557.6
114	238	124	312	1621.4	1564.4	1572.0
114	239	125	312	1631.8	1577.6	1584.9
114	240	126	312	1642.1	1592.1	1598.9

Supplementary file for Table-3

114	241	127	312	1652.3	1604.8	1611.4
114	242	128	312	1662.5	1619.0	1625.1
114	243	129	312	1672.6	1631.4	1637.3
114	244	130	312	1682.6	1645.1	1650.6
114	245	131	312	1692.5	1657.2	1662.4
114	246	132	312	1702.4	1670.6	1675.4
114	247	133	312	1712.2	1682.3	1686.9
114	248	134	312	1721.9	1695.4	1699.6
114	249	135	312	1731.5	1706.8	1710.7
114	250	136	312	1741.1	1719.6	1723.1
114	251	137	312	1750.6	1730.6	1733.9
114	252	138	312	1760.0	1743.0	1745.9
114	253	139	312	1769.4	1753.8	1756.4
114	254	140	312	1778.7	1765.9	1768.1
114	255	141	312	1787.9	1776.3	1778.3
114	256	142	312	1797.0	1788.1	1789.8
114	257	143	312	1806.0	1798.3	1799.7
114	258	144	312	1815.0	1809.8	1810.8
114	259	145	312	1823.9	1819.6	1820.4
114	260	146	312	1832.8	1830.8	1831.2
114	261	147	312	1841.5	1840.4	1840.5
114	262	148	312	1850.2	1851.3	1851.1
114	263	149	312	1858.8	1860.6	1860.1
114	264	150	312	1867.3	1871.2	1870.3
114	265	151	312	1875.8	1880.2	1879.1
114	266	152	312	1884.2	1890.5	1889.1
114	267	153	312	1892.5	1899.3	1897.6
114	268	154	312	1900.8	1909.3	1907.3
114	269	155	312	1908.9	1917.8	1915.5
114	270	156	312	1917.0	1927.6	1925.0
114	271	157	312	1925.0	1935.8	1932.9
114	272	158	312	1933.0	1945.4	1942.1
114	273	159	312	1940.9	1953.4	1949.9
114	274	160	312	1948.7	1962.7	1958.8
114	275	161	312	1956.4	1970.4	1966.3
114	276	162	312	1964.0	1979.4	1974.9
114	277	163	312	1971.6	1986.9	1982.2
114	278	164	312	1979.1	1995.7	1990.6
114	279	165	312	1986.6	2003.0	1997.6
114	280	166	312	1993.9	2011.5	2005.8
114	281	167	312	2001.2	2018.5	2012.6
114	282	168	312	2008.4	2026.9	2020.5
114	283	169	312	2015.5	2033.7	2027.0
114	284	170	312	2022.6	2041.8	2034.8
114	285	171	312	2029.6	2048.3	2041.1
114	286	172	312	2036.5	2056.2	2048.6
114	287	173	312	2043.4	2062.6	2054.7
114	288	174	312	2050.1	2070.2	2062.0
114	289	175	312	2056.8	2076.4	2067.8
114	290	176	312	2063.5	2083.8	2074.9
114	291	177	312	2070.0	2089.8	2080.6
114	292	178	312	2076.5	2097.0	2087.4
114	293	179	312	2082.9	2102.8	2092.9

Supplementary file for Table-3

114	294	180	312	2089.2	2109.8	2099.5
114	295	181	312	2095.5	2115.3	2104.8
114	296	182	312	2101.6	2122.2	2111.2
114	297	183	312	2107.8	2127.5	2116.2
114	298	184	312	2113.8	2134.1	2122.5
114	299	185	312	2119.8	2139.3	2127.3
114	300	186	312	2125.6	2145.7	2133.4
114	301	187	312	2131.5	2150.7	2138.0
114	302	188	312	2137.2	2157.0	2143.9
114	303	189	312	2142.9	2161.7	2148.3
114	304	190	312	2148.5	2167.8	2154.0
114	305	191	312	2154.0	2172.4	2158.3
114	306	192	312	2159.4	2178.3	2163.7
114	307	193	312	2164.8	2182.7	2167.8
114	308	194	312	2170.1	2188.4	2173.1
114	309	195	312	2175.3	2192.7	2177.0
114	310	196	312	2180.5	2198.2	2182.1
114	311	197	312	2185.6	2202.3	2185.9
114	312	198	312	2190.6	2207.7	2190.8
114	313	199	312	2195.5	2211.6	2194.4
114	314	200	312	2200.4	2216.8	2199.1
114	315	201	312	2205.2	2220.5	2202.5
114	316	202	312	2209.9	2225.6	2207.1
114	317	203	312	2214.5	2229.2	2210.3
114	318	204	312	2219.1	2234.0	2214.7
114	319	205	312	2223.6	2237.5	2217.8
114	320	206	312	2228.0	2242.2	2222.0
114	321	207	312	2232.4	2245.5	2225.0
114	322	208	312	2236.7	2250.0	2229.0
114	323	209	312	2240.9	2253.1	2231.8
114	324	210	312	2245.0	2257.5	2235.7
114	325	211	312	2249.1	2260.5	2238.3
114	326	212	312	2253.0	2264.8	2242.1
114	327	213	312	2256.9	2267.6	2244.5
114	328	214	312	2260.8	2271.7	2248.1
114	329	215	312	2264.6	2274.4	2250.4
114	330	216	312	2268.2	2278.3	2253.8
114	331	217	312	2271.9	2280.9	2256.0
114	332	218	312	2275.4	2284.7	2259.3
114	333	219	312	2278.9	2287.1	2261.3
114	334	220	312	2282.3	2290.8	2264.4
114	335	221	312	2285.6	2293.1	2266.3
114	336	222	312	2288.9	2296.6	2269.3
114	337	223	312	2292.0	2298.8	2271.0
114	338	224	312	2295.2	2302.2	2273.9
114	339	225	312	2298.2	2304.2	2275.5
114	340	226	312	2301.2	2307.4	2278.2
114	341	227	312	2304.0	2309.3	2279.6
114	342	228	312	2306.9	2312.5	2282.2
114	343	229	312	2309.6	2314.2	2283.5
114	344	230	312	2312.3	2317.2	2286.0
114	345	231	312	2314.9	2318.9	2287.1
114	346	232	312	2317.4	2321.7	2289.4

Supplementary file for Table-3

114	347	233	312	2319.8	2323.3	2290.5
114	348	234	312	2322.2	2326.0	2292.7
114	349	235	312	2324.5	2327.4	2293.6
114	350	236	312	2326.8	2330.0	2295.6
114	351	237	312	2328.9	2331.3	2296.4
114	352	238	312	2331.0	2333.8	2298.4
114	353	239	312	2333.0	2335.0	2299.0
114	354	240	312	2335.0	2337.4	2300.8
114	355	241	312	2336.8	2338.5	2301.4
114	356	242	312	2338.6	2340.7	2303.0
114	357	243	312	2340.4	2341.7	2303.5
114	358	244	312	2342.0	2343.8	2305.0
114	359	245	312	2343.6	2344.7	2305.3
114	360	246	312	2345.1	2346.7	2306.7
114	361	247	312	2346.5	2347.5	2307.0
114	362	248	312	2347.9	2349.4	2308.3
114	363	249	312	2349.2	2350.0	2308.3
114	364	250	312	2350.4	2351.8	2309.5
114	365	251	312	2351.5	2352.4	2309.5
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
115	230	115	315	1521.7	1418.5	1430.2
115	231	116	315	1532.8	1435.2	1446.5
115	232	117	315	1543.8	1450.1	1461.0
115	233	118	315	1554.7	1466.4	1476.9
115	234	119	315	1565.6	1480.9	1491.0
115	235	120	315	1576.4	1496.8	1506.5
115	236	121	315	1587.2	1510.9	1520.2
115	237	122	315	1597.8	1526.4	1535.3
115	238	123	315	1608.4	1540.1	1548.7
115	239	124	315	1618.9	1555.2	1563.4
115	240	125	315	1629.3	1568.6	1576.4
115	241	126	315	1639.7	1583.3	1590.7
115	242	127	315	1650.0	1596.3	1603.4
115	243	128	315	1660.2	1610.6	1617.3
115	244	129	315	1670.4	1623.3	1629.7
115	245	130	315	1680.4	1637.2	1643.2
115	246	131	315	1690.4	1649.5	1655.2
115	247	132	315	1700.4	1663.2	1668.5
115	248	133	315	1710.2	1675.1	1680.1
115	249	134	315	1720.0	1688.4	1693.0
115	250	135	315	1729.7	1700.0	1704.4
115	251	136	315	1739.3	1713.0	1716.9
115	252	137	315	1748.9	1724.2	1728.0
115	253	138	315	1758.4	1736.9	1740.2
115	254	139	315	1767.8	1747.8	1750.9
115	255	140	315	1777.1	1760.1	1762.8
115	256	141	315	1786.4	1770.8	1773.2
115	257	142	315	1795.6	1782.8	1784.9
115	258	143	315	1804.7	1793.1	1795.0
115	259	144	315	1813.7	1804.8	1806.3
115	260	145	315	1822.7	1814.9	1816.1
115	261	146	315	1831.6	1826.3	1827.1
115	262	147	315	1840.4	1836.0	1836.6

Supplementary file for Table-3

115	263	148	315	1849.2	1847.1	1847.4
115	264	149	315	1857.9	1856.6	1856.6
115	265	150	315	1866.5	1867.4	1867.0
115	266	151	315	1875.0	1876.7	1876.0
115	267	152	315	1883.5	1887.2	1886.2
115	268	153	315	1891.9	1896.1	1894.9
115	269	154	315	1900.2	1906.4	1904.8
115	270	155	315	1908.4	1915.1	1913.2
115	271	156	315	1916.6	1925.1	1922.8
115	272	157	315	1924.7	1933.5	1931.0
115	273	158	315	1932.7	1943.2	1940.3
115	274	159	315	1940.6	1951.4	1948.3
115	275	160	315	1948.5	1960.9	1957.4
115	276	161	315	1956.3	1968.8	1965.0
115	277	162	315	1964.1	1978.0	1973.9
115	278	163	315	1971.7	1985.7	1981.3
115	279	164	315	1979.3	1994.7	1989.9
115	280	165	315	1986.8	2002.1	1997.1
115	281	166	315	1994.2	2010.9	2005.5
115	282	167	315	2001.6	2018.1	2012.4
115	283	168	315	2008.9	2026.6	2020.6
115	284	169	315	2016.1	2033.6	2027.3
115	285	170	315	2023.3	2041.8	2035.2
115	286	171	315	2030.3	2048.6	2041.7
115	287	172	315	2037.3	2056.7	2049.4
115	288	173	315	2044.3	2063.2	2055.6
115	289	174	315	2051.1	2071.0	2063.1
115	290	175	315	2057.9	2077.4	2069.1
115	291	176	315	2064.6	2085.0	2076.4
115	292	177	315	2071.3	2091.1	2082.2
115	293	178	315	2077.8	2098.5	2089.2
115	294	179	315	2084.3	2104.4	2094.9
115	295	180	315	2090.7	2111.6	2101.7
115	296	181	315	2097.1	2117.4	2107.1
115	297	182	315	2103.3	2124.4	2113.7
115	298	183	315	2109.5	2129.9	2118.9
115	299	184	315	2115.7	2136.7	2125.3
115	300	185	315	2121.7	2142.0	2130.4
115	301	186	315	2127.7	2148.6	2136.5
115	302	187	315	2133.6	2153.8	2141.4
115	303	188	315	2139.4	2160.2	2147.4
115	304	189	315	2145.2	2165.1	2152.0
115	305	190	315	2150.9	2171.4	2157.8
115	306	191	315	2156.5	2176.1	2162.3
115	307	192	315	2162.1	2182.2	2167.9
115	308	193	315	2167.5	2186.8	2172.2
115	309	194	315	2172.9	2192.6	2177.6
115	310	195	315	2178.2	2197.1	2181.7
115	311	196	315	2183.5	2202.7	2187.0
115	312	197	315	2188.7	2207.0	2190.9
115	313	198	315	2193.8	2212.5	2195.9
115	314	199	315	2198.8	2216.6	2199.7
115	315	200	315	2203.8	2221.9	2204.6

Supplementary file for Table-3

115	316	201	315	2208.7	2225.9	2208.2
115	317	202	315	2213.5	2231.0	2212.9
115	318	203	315	2218.2	2234.8	2216.3
115	319	204	315	2222.9	2239.8	2220.8
115	320	205	315	2227.5	2243.4	2224.1
115	321	206	315	2232.0	2248.3	2228.5
115	322	207	315	2236.5	2251.7	2231.5
115	323	208	315	2240.9	2256.4	2235.7
115	324	209	315	2245.2	2259.7	2238.7
115	325	210	315	2249.4	2264.2	2242.7
115	326	211	315	2253.6	2267.4	2245.5
115	327	212	315	2257.7	2271.8	2249.4
115	328	213	315	2261.7	2274.8	2252.0
115	329	214	315	2265.6	2279.0	2255.7
115	330	215	315	2269.5	2281.9	2258.2
115	331	216	315	2273.3	2286.0	2261.8
115	332	217	315	2277.1	2288.7	2264.1
115	333	218	315	2280.7	2292.6	2267.5
115	334	219	315	2284.3	2295.2	2269.7
115	335	220	315	2287.8	2299.0	2272.9
115	336	221	315	2291.2	2301.4	2275.0
115	337	222	315	2294.6	2305.1	2278.1
115	338	223	315	2297.9	2307.4	2280.0
115	339	224	315	2301.1	2310.9	2283.0
115	340	225	315	2304.3	2313.1	2284.7
115	341	226	315	2307.4	2316.5	2287.6
115	342	227	315	2310.4	2318.5	2289.2
115	343	228	315	2313.3	2321.8	2291.9
115	344	229	315	2316.2	2323.7	2293.3
115	345	230	315	2318.9	2326.9	2295.9
115	346	231	315	2321.7	2328.6	2297.2
115	347	232	315	2324.3	2331.7	2299.7
115	348	233	315	2326.9	2333.3	2300.9
115	349	234	315	2329.4	2336.2	2303.2
115	350	235	315	2331.8	2337.7	2304.2
115	351	236	315	2334.2	2340.5	2306.4
115	352	237	315	2336.4	2341.9	2307.4
115	353	238	315	2338.7	2344.6	2309.4
115	354	239	315	2340.8	2345.9	2310.2
115	355	240	315	2342.9	2348.4	2312.1
115	356	241	315	2344.9	2349.6	2312.8
115	357	242	315	2346.8	2352.0	2314.6
115	358	243	315	2348.6	2353.1	2315.2
115	359	244	315	2350.4	2355.4	2316.9
115	360	245	315	2352.1	2356.3	2317.3
115	361	246	315	2353.7	2358.5	2318.9
115	362	247	315	2355.3	2359.4	2319.2
115	363	248	315	2356.8	2361.4	2320.6
115	364	249	315	2358.2	2362.2	2320.9
115	365	250	315	2359.5	2364.2	2322.2
115	366	251	315	2360.8	2364.8	2322.3
115	367	252	315	2362.0	2366.7	2323.5
115	368	253	315	2363.1	2367.2	2323.5

Supplementary file for Table-3

Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
116	232	116	319	1525.0	1425.4	1437.1
116	233	117	319	1536.1	1440.5	1451.9
116	234	118	319	1547.2	1457.0	1468.0
116	235	119	319	1558.2	1471.8	1482.4
116	236	120	319	1569.1	1487.9	1498.0
116	237	121	319	1579.9	1502.2	1512.0
116	238	122	319	1590.6	1517.9	1527.2
116	239	123	319	1601.3	1531.9	1540.9
116	240	124	319	1611.9	1547.2	1555.8
116	241	125	319	1622.5	1560.8	1569.0
116	242	126	319	1632.9	1575.7	1583.5
116	243	127	319	1643.3	1588.9	1596.4
116	244	128	319	1653.7	1603.5	1610.6
116	245	129	319	1663.9	1616.3	1623.1
116	246	130	319	1674.1	1630.5	1636.9
116	247	131	319	1684.2	1643.0	1649.1
116	248	132	319	1694.2	1656.8	1662.6
116	249	133	319	1704.2	1669.0	1674.4
116	250	134	319	1714.1	1682.5	1687.5
116	251	135	319	1723.9	1694.3	1699.1
116	252	136	319	1733.6	1707.5	1711.8
116	253	137	319	1743.3	1719.0	1723.1
116	254	138	319	1752.9	1731.8	1735.5
116	255	139	319	1762.4	1743.0	1746.4
116	256	140	319	1771.9	1755.5	1758.5
116	257	141	319	1781.2	1766.3	1769.1
116	258	142	319	1790.5	1778.5	1781.0
116	259	143	319	1799.8	1789.1	1791.3
116	260	144	319	1808.9	1801.0	1802.8
116	261	145	319	1818.0	1811.2	1812.8
116	262	146	319	1827.0	1822.8	1824.0
116	263	147	319	1836.0	1832.8	1833.7
116	264	148	319	1844.9	1844.1	1844.6
116	265	149	319	1853.7	1853.8	1854.1
116	266	150	319	1862.4	1864.8	1864.7
116	267	151	319	1871.0	1874.2	1873.8
116	268	152	319	1879.6	1884.9	1884.2
116	269	153	319	1888.1	1894.1	1893.1
116	270	154	319	1896.6	1904.5	1903.2
116	271	155	319	1904.9	1913.4	1911.8
116	272	156	319	1913.2	1923.6	1921.6
116	273	157	319	1921.5	1932.2	1930.0
116	274	158	319	1929.6	1942.1	1939.5
116	275	159	319	1937.7	1950.5	1947.6
116	276	160	319	1945.7	1960.1	1956.9
116	277	161	319	1953.6	1968.2	1964.8
116	278	162	319	1961.5	1977.6	1973.8
116	279	163	319	1969.3	1985.5	1981.4
116	280	164	319	1977.0	1994.7	1990.2
116	281	165	319	1984.6	2002.3	1997.6
116	282	166	319	1992.2	2011.2	2006.1
116	283	167	319	1999.7	2018.6	2013.2

Supplementary file for Table-3

116	284	168	319	2007.1	2027.3	2021.6
116	285	169	319	2014.5	2034.5	2028.4
116	286	170	319	2021.8	2042.9	2036.5
116	287	171	319	2029.0	2049.9	2043.2
116	288	172	319	2036.1	2058.1	2051.1
116	289	173	319	2043.2	2064.8	2057.5
116	290	174	319	2050.2	2072.8	2065.1
116	291	175	319	2057.1	2079.3	2071.4
116	292	176	319	2064.0	2087.1	2078.8
116	293	177	319	2070.7	2093.4	2084.8
116	294	178	319	2077.4	2101.0	2092.0
116	295	179	319	2084.1	2107.1	2097.8
116	296	180	319	2090.6	2114.5	2104.7
116	297	181	319	2097.1	2120.4	2110.3
116	298	182	319	2103.5	2127.5	2117.1
116	299	183	319	2109.9	2133.2	2122.5
116	300	184	319	2116.2	2140.2	2129.1
116	301	185	319	2122.4	2145.7	2134.3
116	302	186	319	2128.5	2152.5	2140.6
116	303	187	319	2134.6	2157.8	2145.6
116	304	188	319	2140.5	2164.4	2151.8
116	305	189	319	2146.5	2169.5	2156.6
116	306	190	319	2152.3	2175.9	2162.6
116	307	191	319	2158.1	2180.8	2167.2
116	308	192	319	2163.8	2187.0	2173.0
116	309	193	319	2169.4	2191.8	2177.4
116	310	194	319	2174.9	2197.8	2183.0
116	311	195	319	2180.4	2202.4	2187.2
116	312	196	319	2185.8	2208.2	2192.7
116	313	197	319	2191.2	2212.6	2196.7
116	314	198	319	2196.4	2218.3	2202.0
116	315	199	319	2201.6	2222.6	2205.9
116	316	200	319	2206.8	2228.1	2210.9
116	317	201	319	2211.8	2232.1	2214.6
116	318	202	319	2216.8	2237.5	2219.5
116	319	203	319	2221.7	2241.4	2223.1
116	320	204	319	2226.5	2246.6	2227.8
116	321	205	319	2231.3	2250.3	2231.2
116	322	206	319	2236.0	2255.3	2235.7
116	323	207	319	2240.6	2258.9	2238.9
116	324	208	319	2245.2	2263.8	2243.3
116	325	209	319	2249.6	2267.2	2246.4
116	326	210	319	2254.0	2271.9	2250.6
116	327	211	319	2258.4	2275.2	2253.5
116	328	212	319	2262.6	2279.7	2257.5
116	329	213	319	2266.8	2282.9	2260.3
116	330	214	319	2271.0	2287.3	2264.2
116	331	215	319	2275.0	2290.3	2266.8
116	332	216	319	2279.0	2294.5	2270.5
116	333	217	319	2282.9	2297.4	2273.0
116	334	218	319	2286.7	2301.5	2276.5
116	335	219	319	2290.5	2304.2	2278.8
116	336	220	319	2294.2	2308.1	2282.3

Supplementary file for Table-3

116	337	221	319	2297.8	2310.7	2284.4
116	338	222	319	2301.3	2314.5	2287.7
116	339	223	319	2304.8	2316.9	2289.7
116	340	224	319	2308.2	2320.6	2292.9
116	341	225	319	2311.5	2322.9	2294.7
116	342	226	319	2314.8	2326.5	2297.7
116	343	227	319	2318.0	2328.7	2299.5
116	344	228	319	2321.1	2332.1	2302.3
116	345	229	319	2324.1	2334.1	2303.9
116	346	230	319	2327.1	2337.4	2306.6
116	347	231	319	2330.0	2339.3	2308.1
116	348	232	319	2332.8	2342.5	2310.7
116	349	233	319	2335.6	2344.3	2312.0
116	350	234	319	2338.3	2347.3	2314.5
116	351	235	319	2340.9	2349.0	2315.7
116	352	236	319	2343.4	2351.9	2318.0
116	353	237	319	2345.9	2353.4	2319.1
116	354	238	319	2348.3	2356.2	2321.2
116	355	239	319	2350.6	2357.6	2322.2
116	356	240	319	2352.9	2360.3	2324.2
116	357	241	319	2355.1	2361.6	2325.1
116	358	242	319	2357.2	2364.1	2327.0
116	359	243	319	2359.2	2365.4	2327.7
116	360	244	319	2361.2	2367.8	2329.5
116	361	245	319	2363.1	2368.9	2330.1
116	362	246	319	2364.9	2371.2	2331.8
116	363	247	319	2366.7	2372.2	2332.2
116	364	248	319	2368.4	2374.4	2333.8
116	365	249	319	2370.0	2375.2	2334.1
116	366	250	319	2371.5	2377.3	2335.6
116	367	251	319	2373.0	2378.1	2335.8
116	368	252	319	2374.4	2380.1	2337.2
116	369	253	319	2375.7	2380.7	2337.3
116	370	254	319	2377.0	2382.6	2338.5
116	371	255	319	2378.2	2383.2	2338.5
116	372	256	319	2379.3	2384.9	2339.6
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
117	234	117	322	1533.0	1429.0	1441.0
117	235	118	322	1544.1	1445.7	1457.3
117	236	119	322	1555.1	1460.7	1471.9
117	237	120	322	1566.1	1477.0	1487.7
117	238	121	322	1577.0	1491.6	1502.0
117	239	122	322	1587.8	1507.5	1517.4
117	240	123	322	1598.5	1521.7	1531.3
117	241	124	322	1609.2	1537.2	1546.4
117	242	125	322	1619.7	1551.0	1559.8
117	243	126	322	1630.3	1566.2	1574.6
117	244	127	322	1640.7	1579.6	1587.7
117	245	128	322	1651.1	1594.4	1602.0
117	246	129	322	1661.4	1607.4	1614.8
117	247	130	322	1671.6	1621.9	1628.8
117	248	131	322	1681.8	1634.6	1641.2
117	249	132	322	1691.9	1648.6	1654.9

Supplementary file for Table-3

117	250	133	322	1701.9	1661.0	1666.9
117	251	134	322	1711.8	1674.7	1680.2
117	252	135	322	1721.7	1686.7	1692.0
117	253	136	322	1731.5	1700.1	1705.0
117	254	137	322	1741.2	1711.8	1716.4
117	255	138	322	1750.9	1724.9	1729.1
117	256	139	322	1760.5	1736.2	1740.2
117	257	140	322	1770.0	1749.0	1752.5
117	258	141	322	1779.4	1760.0	1763.3
117	259	142	322	1788.8	1772.4	1775.3
117	260	143	322	1798.1	1783.2	1785.8
117	261	144	322	1807.3	1795.3	1797.5
117	262	145	322	1816.4	1805.7	1807.7
117	263	146	322	1825.5	1817.5	1819.1
117	264	147	322	1834.5	1827.7	1829.0
117	265	148	322	1843.5	1839.2	1840.2
117	266	149	322	1852.3	1849.1	1849.8
117	267	150	322	1861.1	1860.3	1860.6
117	268	151	322	1869.9	1869.9	1870.0
117	269	152	322	1878.5	1880.8	1880.5
117	270	153	322	1887.1	1890.1	1889.6
117	271	154	322	1895.6	1900.8	1899.9
117	272	155	322	1904.0	1909.9	1908.7
117	273	156	322	1912.4	1920.2	1918.7
117	274	157	322	1920.7	1929.0	1927.2
117	275	158	322	1928.9	1939.2	1937.0
117	276	159	322	1937.0	1947.7	1945.3
117	277	160	322	1945.1	1957.6	1954.7
117	278	161	322	1953.1	1965.8	1962.8
117	279	162	322	1961.1	1975.5	1972.0
117	280	163	322	1968.9	1983.5	1979.8
117	281	164	322	1976.7	1992.9	1988.8
117	282	165	322	1984.4	2000.7	1996.3
117	283	166	322	1992.1	2009.8	2005.0
117	284	167	322	1999.7	2017.4	2012.4
117	285	168	322	2007.2	2026.2	2020.8
117	286	169	322	2014.6	2033.6	2027.9
117	287	170	322	2021.9	2042.2	2036.2
117	288	171	322	2029.2	2049.3	2043.0
117	289	172	322	2036.5	2057.7	2051.1
117	290	173	322	2043.6	2064.6	2057.7
117	291	174	322	2050.7	2072.8	2065.5
117	292	175	322	2057.7	2079.5	2071.9
117	293	176	322	2064.6	2087.5	2079.5
117	294	177	322	2071.5	2094.0	2085.7
117	295	178	322	2078.3	2101.7	2093.0
117	296	179	322	2085.0	2108.0	2099.0
117	297	180	322	2091.6	2115.5	2106.1
117	298	181	322	2098.2	2121.6	2111.9
117	299	182	322	2104.7	2128.9	2118.8
117	300	183	322	2111.1	2134.8	2124.4
117	301	184	322	2117.5	2141.9	2131.1
117	302	185	322	2123.8	2147.6	2136.5

Supplementary file for Table-3

117	303	186	322	2130.0	2154.6	2143.0
117	304	187	322	2136.1	2160.0	2148.2
117	305	188	322	2142.2	2166.8	2154.5
117	306	189	322	2148.2	2172.1	2159.5
117	307	190	322	2154.1	2178.6	2165.6
117	308	191	322	2160.0	2183.7	2170.4
117	309	192	322	2165.8	2190.1	2176.4
117	310	193	322	2171.5	2195.0	2181.0
117	311	194	322	2177.1	2201.2	2186.7
117	312	195	322	2182.7	2205.9	2191.1
117	313	196	322	2188.2	2212.0	2196.7
117	314	197	322	2193.7	2216.5	2200.9
117	315	198	322	2199.0	2222.4	2206.3
117	316	199	322	2204.3	2226.8	2210.4
117	317	200	322	2209.5	2232.4	2215.6
117	318	201	322	2214.7	2236.7	2219.5
117	319	202	322	2219.7	2242.2	2224.5
117	320	203	322	2224.7	2246.2	2228.2
117	321	204	322	2229.7	2251.6	2233.1
117	322	205	322	2234.5	2255.5	2236.6
117	323	206	322	2239.3	2260.6	2241.3
117	324	207	322	2244.0	2264.4	2244.7
117	325	208	322	2248.7	2269.4	2249.2
117	326	209	322	2253.3	2273.0	2252.5
117	327	210	322	2257.8	2277.8	2256.8
117	328	211	322	2262.2	2281.3	2259.9
117	329	212	322	2266.6	2286.0	2264.1
117	330	213	322	2270.9	2289.2	2267.0
117	331	214	322	2275.1	2293.8	2271.0
117	332	215	322	2279.2	2296.9	2273.8
117	333	216	322	2283.3	2301.3	2277.7
117	334	217	322	2287.3	2304.3	2280.3
117	335	218	322	2291.3	2308.6	2284.0
117	336	219	322	2295.1	2311.4	2286.4
117	337	220	322	2298.9	2315.5	2290.0
117	338	221	322	2302.6	2318.3	2292.3
117	339	222	322	2306.3	2322.2	2295.7
117	340	223	322	2309.9	2324.8	2297.9
117	341	224	322	2313.4	2328.6	2301.2
117	342	225	322	2316.8	2331.1	2303.2
117	343	226	322	2320.2	2334.7	2306.3
117	344	227	322	2323.5	2337.1	2308.2
117	345	228	322	2326.7	2340.6	2311.2
117	346	229	322	2329.9	2342.8	2313.0
117	347	230	322	2333.0	2346.2	2315.8
117	348	231	322	2336.0	2348.3	2317.4
117	349	232	322	2338.9	2351.6	2320.1
117	350	233	322	2341.8	2353.5	2321.6
117	351	234	322	2344.6	2356.7	2324.2
117	352	235	322	2347.3	2358.5	2325.5
117	353	236	322	2350.0	2361.5	2328.0
117	354	237	322	2352.6	2363.2	2329.2
117	355	238	322	2355.1	2366.1	2331.5

Supplementary file for Table-3

117	356	239	322	2357.5	2367.7	2332.6
117	357	240	322	2359.9	2370.5	2334.8
117	358	241	322	2362.2	2371.9	2335.8
117	359	242	322	2364.4	2374.6	2337.8
117	360	243	322	2366.6	2376.0	2338.7
117	361	244	322	2368.7	2378.5	2340.6
117	362	245	322	2370.7	2379.7	2341.3
117	363	246	322	2372.6	2382.2	2343.1
117	364	247	322	2374.5	2383.3	2343.7
117	365	248	322	2376.3	2385.6	2345.4
117	366	249	322	2378.1	2386.6	2345.9
117	367	250	322	2379.7	2388.9	2347.5
117	368	251	322	2381.3	2389.8	2347.8
117	369	252	322	2382.9	2391.9	2349.3
117	370	253	322	2384.3	2392.7	2349.5
117	371	254	322	2385.7	2394.6	2350.9
117	372	255	322	2387.0	2395.3	2351.0
117	373	256	322	2388.3	2397.2	2352.2
117	374	257	322	2389.4	2397.8	2352.3
117	375	258	322	2390.5	2399.6	2353.4
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
118	236	118	326	1536.1	1435.6	1447.6
118	237	119	326	1547.3	1450.8	1462.5
118	238	120	326	1558.3	1467.3	1478.5
118	239	121	326	1569.3	1482.1	1493.0
118	240	122	326	1580.2	1498.3	1508.7
118	241	123	326	1591.0	1512.7	1522.7
118	242	124	326	1601.7	1528.4	1538.0
118	243	125	326	1612.4	1542.4	1551.7
118	244	126	326	1623.0	1557.8	1566.6
118	245	127	326	1633.6	1571.5	1580.0
118	246	128	326	1644.1	1586.5	1594.5
118	247	129	326	1654.5	1599.7	1607.5
118	248	130	326	1664.8	1614.4	1621.7
118	249	131	326	1675.1	1627.3	1634.3
118	250	132	326	1685.2	1641.6	1648.2
118	251	133	326	1695.4	1654.1	1660.5
118	252	134	326	1705.4	1668.1	1674.0
118	253	135	326	1715.4	1680.3	1686.0
118	254	136	326	1725.3	1693.9	1699.1
118	255	137	326	1735.1	1705.8	1710.8
118	256	138	326	1744.9	1719.0	1723.6
118	257	139	326	1754.6	1730.6	1734.9
118	258	140	326	1764.2	1743.5	1747.4
118	259	141	326	1773.7	1754.8	1758.4
118	260	142	326	1783.2	1767.4	1770.7
118	261	143	326	1792.6	1778.4	1781.4
118	262	144	326	1802.0	1790.7	1793.3
118	263	145	326	1811.2	1801.3	1803.7
118	264	146	326	1820.4	1813.3	1815.3
118	265	147	326	1829.5	1823.7	1825.4
118	266	148	326	1838.6	1835.4	1836.7
118	267	149	326	1847.6	1845.5	1846.5

Supplementary file for Table-3

118	268	150	326	1856.5	1856.9	1857.5
118	269	151	326	1865.3	1866.7	1867.1
118	270	152	326	1874.1	1877.8	1877.8
118	271	153	326	1882.8	1887.3	1887.1
118	272	154	326	1891.4	1898.2	1897.5
118	273	155	326	1899.9	1907.4	1906.5
118	274	156	326	1908.4	1918.0	1916.7
118	275	157	326	1916.8	1927.0	1925.4
118	276	158	326	1925.2	1937.3	1935.4
118	277	159	326	1933.5	1946.0	1943.8
118	278	160	326	1941.7	1956.0	1953.5
118	279	161	326	1949.8	1964.5	1961.7
118	280	162	326	1957.8	1974.3	1971.1
118	281	163	326	1965.8	1982.5	1979.1
118	282	164	326	1973.7	1992.1	1988.3
118	283	165	326	1981.6	2000.1	1996.0
118	284	166	326	1989.4	2009.4	2004.9
118	285	167	326	1997.1	2017.1	2012.4
118	286	168	326	2004.7	2026.2	2021.1
118	287	169	326	2012.3	2033.7	2028.3
118	288	170	326	2019.7	2042.5	2036.8
118	289	171	326	2027.2	2049.8	2043.8
118	290	172	326	2034.5	2058.4	2052.0
118	291	173	326	2041.8	2065.5	2058.8
118	292	174	326	2049.0	2073.9	2066.8
118	293	175	326	2056.1	2080.7	2073.3
118	294	176	326	2063.2	2088.9	2081.1
118	295	177	326	2070.2	2095.5	2087.4
118	296	178	326	2077.1	2103.4	2095.0
118	297	179	326	2084.0	2109.9	2101.1
118	298	180	326	2090.8	2117.6	2108.4
118	299	181	326	2097.5	2123.8	2114.4
118	300	182	326	2104.1	2131.3	2121.5
118	301	183	326	2110.7	2137.4	2127.2
118	302	184	326	2117.2	2144.7	2134.1
118	303	185	326	2123.6	2150.5	2139.6
118	304	186	326	2130.0	2157.6	2146.3
118	305	187	326	2136.3	2163.3	2151.7
118	306	188	326	2142.5	2170.2	2158.2
118	307	189	326	2148.6	2175.6	2163.3
118	308	190	326	2154.7	2182.3	2169.6
118	309	191	326	2160.7	2187.6	2174.5
118	310	192	326	2166.6	2194.1	2180.6
118	311	193	326	2172.5	2199.2	2185.4
118	312	194	326	2178.3	2205.6	2191.3
118	313	195	326	2184.0	2210.5	2195.9
118	314	196	326	2189.7	2216.7	2201.6
118	315	197	326	2195.2	2221.4	2206.0
118	316	198	326	2200.8	2227.4	2211.6
118	317	199	326	2206.2	2231.9	2215.8
118	318	200	326	2211.6	2237.8	2221.1
118	319	201	326	2216.9	2242.1	2225.2
118	320	202	326	2222.1	2247.8	2230.4

Supplementary file for Table-3

118	321	203	326	2227.3	2252.0	2234.2
118	322	204	326	2232.3	2257.5	2239.3
118	323	205	326	2237.4	2261.6	2243.0
118	324	206	326	2242.3	2266.9	2247.8
118	325	207	326	2247.2	2270.8	2251.3
118	326	208	326	2252.0	2275.9	2256.0
118	327	209	326	2256.7	2279.7	2259.4
118	328	210	326	2261.4	2284.7	2263.9
118	329	211	326	2266.0	2288.3	2267.1
118	330	212	326	2270.5	2293.1	2271.5
118	331	213	326	2275.0	2296.5	2274.5
118	332	214	326	2279.3	2301.2	2278.7
118	333	215	326	2283.7	2304.5	2281.6
118	334	216	326	2287.9	2309.1	2285.6
118	335	217	326	2292.1	2312.2	2288.4
118	336	218	326	2296.2	2316.6	2292.2
118	337	219	326	2300.2	2319.6	2294.8
118	338	220	326	2304.2	2323.9	2298.6
118	339	221	326	2308.1	2326.7	2301.0
118	340	222	326	2311.9	2330.8	2304.6
118	341	223	326	2315.6	2333.5	2306.9
118	342	224	326	2319.3	2337.5	2310.3
118	343	225	326	2322.9	2340.1	2312.5
118	344	226	326	2326.5	2343.9	2315.7
118	345	227	326	2329.9	2346.4	2317.8
118	346	228	326	2333.3	2350.1	2320.9
118	347	229	326	2336.7	2352.4	2322.8
118	348	230	326	2339.9	2356.0	2325.8
118	349	231	326	2343.1	2358.2	2327.5
118	350	232	326	2346.2	2361.6	2330.4
118	351	233	326	2349.3	2363.7	2332.0
118	352	234	326	2352.3	2366.9	2334.7
118	353	235	326	2355.2	2368.9	2336.2
118	354	236	326	2358.0	2372.1	2338.8
118	355	237	326	2360.8	2373.9	2340.1
118	356	238	326	2363.5	2376.9	2342.6
118	357	239	326	2366.1	2378.7	2343.8
118	358	240	326	2368.7	2381.6	2346.1
118	359	241	326	2371.1	2383.2	2347.2
118	360	242	326	2373.6	2386.0	2349.4
118	361	243	326	2375.9	2387.4	2350.4
118	362	244	326	2378.2	2390.1	2352.4
118	363	245	326	2380.4	2391.5	2353.3
118	364	246	326	2382.5	2394.1	2355.2
118	365	247	326	2384.6	2395.3	2356.0
118	366	248	326	2386.6	2397.8	2357.8
118	367	249	326	2388.5	2398.9	2358.4
118	368	250	326	2390.4	2401.2	2360.1
118	369	251	326	2392.2	2402.3	2360.6
118	370	252	326	2393.9	2404.5	2362.2
118	371	253	326	2395.5	2405.4	2362.6
118	372	254	326	2397.1	2407.5	2364.0
118	373	255	326	2398.6	2408.4	2364.3

Supplementary file for Table-3

118	374	256	326	2400.0	2410.4	2365.6
118	375	257	326	2401.4	2411.1	2365.8
118	376	258	326	2402.7	2413.0	2367.0
118	377	259	326	2403.9	2413.6	2367.1
118	378	260	326	2405.1	2415.4	2368.2
Z	A	N	Estimated A_mean	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
119	238	119	329	1544.0	1439.0	1451.3
119	239	120	329	1555.1	1455.8	1467.6
119	240	121	329	1566.1	1470.8	1482.2
119	241	122	329	1577.0	1487.1	1498.1
119	242	123	329	1587.9	1501.8	1512.4
119	243	124	329	1598.7	1517.7	1527.9
119	244	125	329	1609.4	1532.0	1541.8
119	245	126	329	1620.1	1547.6	1557.0
119	246	127	329	1630.7	1561.4	1570.5
119	247	128	329	1641.2	1576.6	1585.3
119	248	129	329	1651.7	1590.1	1598.5
119	249	130	329	1662.0	1605.0	1612.9
119	250	131	329	1672.4	1618.1	1625.7
119	251	132	329	1682.6	1632.6	1639.8
119	252	133	329	1692.8	1645.4	1652.3
119	253	134	329	1702.9	1659.5	1666.0
119	254	135	329	1712.9	1672.0	1678.2
119	255	136	329	1722.8	1685.8	1691.5
119	256	137	329	1732.7	1697.9	1703.4
119	257	138	329	1742.5	1711.3	1716.4
119	258	139	329	1752.3	1723.1	1727.9
119	259	140	329	1762.0	1736.3	1740.7
119	260	141	329	1771.6	1747.7	1751.9
119	261	142	329	1781.1	1760.6	1764.3
119	262	143	329	1790.6	1771.7	1775.2
119	263	144	329	1800.0	1784.2	1787.3
119	264	145	329	1809.3	1795.1	1797.9
119	265	146	329	1818.5	1807.3	1809.7
119	266	147	329	1827.7	1817.8	1820.0
119	267	148	329	1836.8	1829.7	1831.5
119	268	149	329	1845.9	1840.0	1841.5
119	269	150	329	1854.8	1851.6	1852.7
119	270	151	329	1863.7	1861.6	1862.4
119	271	152	329	1872.6	1872.9	1873.4
119	272	153	329	1881.3	1882.6	1882.8
119	273	154	329	1890.0	1893.7	1893.5
119	274	155	329	1898.6	1903.1	1902.7
119	275	156	329	1907.2	1913.9	1913.0
119	276	157	329	1915.7	1923.1	1922.0
119	277	158	329	1924.1	1933.5	1932.1
119	278	159	329	1932.4	1942.5	1940.7
119	279	160	329	1940.7	1952.7	1950.6
119	280	161	329	1948.9	1961.4	1959.0
119	281	162	329	1957.0	1971.3	1968.6
119	282	163	329	1965.0	1979.8	1976.7
119	283	164	329	1973.0	1989.5	1986.1
119	284	165	329	1980.9	1997.7	1994.0

Supplementary file for Table-3

119	285	166	329	1988.8	2007.1	2003.1
119	286	167	329	1996.6	2015.1	2010.8
119	287	168	329	2004.3	2024.3	2019.6
119	288	169	329	2011.9	2032.0	2027.0
119	289	170	329	2019.5	2041.0	2035.6
119	290	171	329	2027.0	2048.5	2042.9
119	291	172	329	2034.4	2057.3	2051.2
119	292	173	329	2041.7	2064.5	2058.2
119	293	174	329	2049.0	2073.1	2066.4
119	294	175	329	2056.2	2080.1	2073.1
119	295	176	329	2063.4	2088.4	2081.0
119	296	177	329	2070.4	2095.3	2087.6
119	297	178	329	2077.4	2103.4	2095.3
119	298	179	329	2084.4	2110.0	2101.6
119	299	180	329	2091.2	2117.9	2109.1
119	300	181	329	2098.0	2124.3	2115.2
119	301	182	329	2104.7	2131.9	2122.5
119	302	183	329	2111.4	2138.1	2128.4
119	303	184	329	2118.0	2145.6	2135.4
119	304	185	329	2124.5	2151.6	2141.1
119	305	186	329	2130.9	2158.9	2148.0
119	306	187	329	2137.3	2164.7	2153.5
119	307	188	329	2143.6	2171.8	2160.1
119	308	189	329	2149.8	2177.4	2165.5
119	309	190	329	2156.0	2184.3	2171.9
119	310	191	329	2162.1	2189.7	2177.0
119	311	192	329	2168.1	2196.4	2183.3
119	312	193	329	2174.0	2201.7	2188.2
119	313	194	329	2179.9	2208.2	2194.3
119	314	195	329	2185.7	2213.3	2199.0
119	315	196	329	2191.5	2219.6	2204.9
119	316	197	329	2197.1	2224.5	2209.5
119	317	198	329	2202.7	2230.6	2215.2
119	318	199	329	2208.3	2235.4	2219.6
119	319	200	329	2213.7	2241.3	2225.1
119	320	201	329	2219.1	2245.9	2229.3
119	321	202	329	2224.4	2251.7	2234.6
119	322	203	329	2229.7	2256.1	2238.6
119	323	204	329	2234.9	2261.7	2243.8
119	324	205	329	2240.0	2265.9	2247.7
119	325	206	329	2245.0	2271.4	2252.7
119	326	207	329	2250.0	2275.5	2256.4
119	327	208	329	2254.9	2280.8	2261.2
119	328	209	329	2259.7	2284.7	2264.7
119	329	210	329	2264.5	2289.8	2269.4
119	330	211	329	2269.2	2293.6	2272.7
119	331	212	329	2273.8	2298.5	2277.2
119	332	213	329	2278.3	2302.1	2280.4
119	333	214	329	2282.8	2307.0	2284.8
119	334	215	329	2287.2	2310.4	2287.8
119	335	216	329	2291.6	2315.1	2292.0
119	336	217	329	2295.8	2318.4	2294.9
119	337	218	329	2300.0	2322.9	2298.9

Supplementary file for Table-3

119	338	219	329	2304.2	2326.1	2301.7
119	339	220	329	2308.2	2330.5	2305.5
119	340	221	329	2312.2	2333.5	2308.1
119	341	222	329	2316.1	2337.7	2311.8
119	342	223	329	2320.0	2340.6	2314.3
119	343	224	329	2323.8	2344.7	2317.8
119	344	225	329	2327.5	2347.4	2320.2
119	345	226	329	2331.1	2351.4	2323.6
119	346	227	329	2334.7	2354.0	2325.7
119	347	228	329	2338.2	2357.8	2329.0
119	348	229	329	2341.6	2360.3	2331.0
119	349	230	329	2345.0	2364.0	2334.2
119	350	231	329	2348.3	2366.3	2336.1
119	351	232	329	2351.5	2369.9	2339.1
119	352	233	329	2354.7	2372.1	2340.8
119	353	234	329	2357.8	2375.6	2343.7
119	354	235	329	2360.8	2377.6	2345.3
119	355	236	329	2363.7	2380.9	2348.0
119	356	237	329	2366.6	2382.9	2349.5
119	357	238	329	2369.4	2386.1	2352.1
119	358	239	329	2372.1	2387.9	2353.4
119	359	240	329	2374.8	2391.0	2355.9
119	360	241	329	2377.4	2392.7	2357.1
119	361	242	329	2379.9	2395.7	2359.5
119	362	243	329	2382.4	2397.3	2360.6
119	363	244	329	2384.8	2400.1	2362.8
119	364	245	329	2387.1	2401.6	2363.7
119	365	246	329	2389.4	2404.3	2365.8
119	366	247	329	2391.5	2405.6	2366.7
119	367	248	329	2393.6	2408.2	2368.6
119	368	249	329	2395.7	2409.5	2369.4
119	369	250	329	2397.7	2412.0	2371.2
119	370	251	329	2399.6	2413.1	2371.8
119	371	252	329	2401.4	2415.5	2373.5
119	372	253	329	2403.2	2416.5	2374.1
119	373	254	329	2404.9	2418.8	2375.7
119	374	255	329	2406.5	2419.7	2376.0
119	375	256	329	2408.0	2421.9	2377.5
119	376	257	329	2409.5	2422.7	2377.8
119	377	258	329	2410.9	2424.7	2379.2
119	378	259	329	2412.3	2425.5	2379.3
119	379	260	329	2413.6	2427.4	2380.6
119	380	261	329	2414.8	2428.0	2380.7
119	381	262	329	2415.9	2429.9	2381.8
Z	A	N	Estimated A _{mean}	Estimated BE (MeV)	SEMF-1 BE (MeV)	SEMF-2 BE (MeV)
120	240	120	333	1546.9	1445.4	1457.7
120	241	121	333	1558.0	1460.6	1472.5
120	242	122	333	1569.0	1477.2	1488.6
120	243	123	333	1580.0	1492.0	1503.1
120	244	124	333	1590.9	1508.2	1518.9
120	245	125	333	1601.7	1522.7	1533.0
120	246	126	333	1612.5	1538.5	1548.3
120	247	127	333	1623.2	1552.6	1562.1

Supplementary file for Table-3

120	248	128	333	1633.8	1568.0	1577.1
120	249	129	333	1644.3	1581.7	1590.5
120	250	130	333	1654.8	1596.7	1605.1
120	251	131	333	1665.2	1610.1	1618.1
120	252	132	333	1675.5	1624.8	1632.4
120	253	133	333	1685.8	1637.8	1645.1
120	254	134	333	1696.0	1652.1	1659.0
120	255	135	333	1706.1	1664.8	1671.4
120	256	136	333	1716.2	1678.8	1684.9
120	257	137	333	1726.2	1691.1	1697.0
120	258	138	333	1736.1	1704.8	1710.2
120	259	139	333	1745.9	1716.8	1722.0
120	260	140	333	1755.7	1730.1	1734.9
120	261	141	333	1765.4	1741.8	1746.3
120	262	142	333	1775.0	1754.8	1758.9
120	263	143	333	1784.6	1766.2	1770.0
120	264	144	333	1794.1	1778.9	1782.3
120	265	145	333	1803.5	1789.9	1793.1
120	266	146	333	1812.9	1802.3	1805.1
120	267	147	333	1822.2	1813.1	1815.6
120	268	148	333	1831.4	1825.2	1827.3
120	269	149	333	1840.6	1835.6	1837.5
120	270	150	333	1849.6	1847.4	1848.9
120	271	151	333	1858.6	1857.6	1858.8
120	272	152	333	1867.6	1869.1	1869.9
120	273	153	333	1876.5	1879.0	1879.6
120	274	154	333	1885.3	1890.3	1890.4
120	275	155	333	1894.0	1899.9	1899.8
120	276	156	333	1902.6	1910.8	1910.3
120	277	157	333	1911.2	1920.2	1919.4
120	278	158	333	1919.8	1930.9	1929.7
120	279	159	333	1928.2	1940.0	1938.6
120	280	160	333	1936.6	1950.4	1948.6
120	281	161	333	1944.9	1959.3	1957.2
120	282	162	333	1953.2	1969.4	1967.0
120	283	163	333	1961.3	1978.0	1975.3
120	284	164	333	1969.4	1987.9	1984.8
120	285	165	333	1977.5	1996.3	1992.9
120	286	166	333	1985.4	2006.0	2002.2
120	287	167	333	1993.3	2014.1	2010.0
120	288	168	333	2001.2	2023.5	2019.1
120	289	169	333	2008.9	2031.4	2026.7
120	290	170	333	2016.6	2040.6	2035.5
120	291	171	333	2024.2	2048.2	2042.8
120	292	172	333	2031.8	2057.2	2051.4
120	293	173	333	2039.2	2064.6	2058.5
120	294	174	333	2046.6	2073.3	2066.9
120	295	175	333	2054.0	2080.5	2073.8
120	296	176	333	2061.3	2089.0	2081.9
120	297	177	333	2068.5	2096.0	2088.6
120	298	178	333	2075.6	2104.3	2096.5
120	299	179	333	2082.6	2111.1	2103.0
120	300	180	333	2089.6	2119.1	2110.6

Supplementary file for Table-3

120	301	181	333	2096.6	2125.7	2116.9
120	302	182	333	2103.4	2133.6	2124.3
120	303	183	333	2110.2	2139.9	2130.4
120	304	184	333	2116.9	2147.6	2137.6
120	305	185	333	2123.6	2153.7	2143.5
120	306	186	333	2130.1	2161.2	2150.5
120	307	187	333	2136.6	2167.2	2156.2
120	308	188	333	2143.1	2174.4	2163.0
120	309	189	333	2149.4	2180.2	2168.5
120	310	190	333	2155.7	2187.2	2175.1
120	311	191	333	2162.0	2192.8	2180.4
120	312	192	333	2168.1	2199.7	2186.8
120	313	193	333	2174.2	2205.1	2191.9
120	314	194	333	2180.2	2211.8	2198.1
120	315	195	333	2186.2	2217.0	2203.0
120	316	196	333	2192.1	2223.5	2209.1
120	317	197	333	2197.9	2228.6	2213.8
120	318	198	333	2203.6	2234.9	2219.6
120	319	199	333	2209.3	2239.7	2224.2
120	320	200	333	2214.9	2245.9	2229.9
120	321	201	333	2220.4	2250.6	2234.2
120	322	202	333	2225.9	2256.5	2239.7
120	323	203	333	2231.3	2261.1	2243.9
120	324	204	333	2236.6	2266.9	2249.2
120	325	205	333	2241.9	2271.2	2253.2
120	326	206	333	2247.1	2276.9	2258.4
120	327	207	333	2252.2	2281.1	2262.2
120	328	208	333	2257.2	2286.5	2267.2
120	329	209	333	2262.2	2290.6	2270.9
120	330	210	333	2267.1	2295.9	2275.7
120	331	211	333	2272.0	2299.8	2279.2
120	332	212	333	2276.7	2304.9	2283.8
120	333	213	333	2281.5	2308.7	2287.2
120	334	214	333	2286.1	2313.6	2291.7
120	335	215	333	2290.7	2317.2	2294.9
120	336	216	333	2295.1	2322.1	2299.2
120	337	217	333	2299.6	2325.5	2302.2
120	338	218	333	2303.9	2330.2	2306.4
120	339	219	333	2308.2	2333.5	2309.3
120	340	220	333	2312.4	2338.0	2313.3
120	341	221	333	2316.6	2341.2	2316.0
120	342	222	333	2320.7	2345.6	2319.9
120	343	223	333	2324.7	2348.6	2322.5
120	344	224	333	2328.6	2352.8	2326.2
120	345	225	333	2332.5	2355.7	2328.6
120	346	226	333	2336.3	2359.8	2332.2
120	347	227	333	2340.1	2362.5	2334.5
120	348	228	333	2343.7	2366.5	2337.9
120	349	229	333	2347.3	2369.1	2340.1
120	350	230	333	2350.9	2372.9	2343.4
120	351	231	333	2354.3	2375.4	2345.4
120	352	232	333	2357.7	2379.1	2348.5
120	353	233	333	2361.0	2381.5	2350.4

Supplementary file for Table-3

120	354	234	333	2364.3	2385.0	2353.4
120	355	235	333	2367.5	2387.3	2355.2
120	356	236	333	2370.6	2390.7	2358.0
120	357	237	333	2373.6	2392.8	2359.6
120	358	238	333	2376.6	2396.1	2362.4
120	359	239	333	2379.5	2398.1	2363.9
120	360	240	333	2382.4	2401.3	2366.5
120	361	241	333	2385.2	2403.1	2367.8
120	362	242	333	2387.9	2406.2	2370.3
120	363	243	333	2390.5	2408.0	2371.5
120	364	244	333	2393.1	2410.9	2373.9
120	365	245	333	2395.6	2412.5	2375.0
120	366	246	333	2398.0	2415.3	2377.2
120	367	247	333	2400.3	2416.9	2378.2
120	368	248	333	2402.6	2419.6	2380.3
120	369	249	333	2404.9	2421.0	2381.1
120	370	250	333	2407.0	2423.6	2383.1
120	371	251	333	2409.1	2424.9	2383.8
120	372	252	333	2411.1	2427.3	2385.7
120	373	253	333	2413.1	2428.5	2386.3
120	374	254	333	2414.9	2430.9	2388.0
120	375	255	333	2416.8	2432.0	2388.6
120	376	256	333	2418.5	2434.2	2390.2
120	377	257	333	2420.2	2435.2	2390.6
120	378	258	333	2421.8	2437.3	2392.1
120	379	259	333	2423.3	2438.2	2392.4
120	380	260	333	2424.8	2440.2	2393.7
120	381	261	333	2426.2	2441.0	2393.9
120	382	262	333	2427.5	2443.0	2395.2
120	383	263	333	2428.8	2443.6	2395.3
120	384	264	333	2430.0	2445.5	2396.4