TABLE X. HEAT OF FUSION

Element	ΔH_F (kcal/g-at)	Ref.
3 Li	0.719 ±0.004	1, 2
4 Be	3.52 ±0.08	3
5 B	(5.72)[a]	—
6 C(g)	25[b]	4
11 Na	0.622	1, 2
12 Mg	2.14	1, 2
13 Al	2.56 ±0.01	1, 2
14 Si	12.02 ±0.08	1, 5
15 P(w)	0.15	6
16 S	0.336 ±0.001	1, 2
19 K	0.556 ±0.002	1, 2
20 Ca	2.07 ±0.08	2
21 Sc	3.70	7
22 Ti	(3.42)[a]	—
23 V	(3.83)[a]	—
24 Cr	3.47 ±0.17	2, 8
25 Mn	3.50	1, 2
26 Fe	3.67	1, 2
27 Co	3.70 ±0.06	2, 9
28 Ni	4.21	1, 2, 9
29 Cu	3.12	1, 2
30 Zn	1.765	1, 2
31 Ga	1.335	1, 2, 9
32 Ge	7.6 ±0.5	2
33 As	6.62[c,d]	6
34 Se	1.30	1, 2
37 Rb	0.56	1, 2
38 Sr	2.19[c]	6
39 Y	2.732 ±0.025	10
40 Zr	(3.74)[a]	—
41 Nb	(4.82)[a]	—
42 Mo	6.66[e]	6
43 Tc	(5.42)[a]	—
44 Ru	(5.67)[a]	—
45 Rh	(4.96)[a]	—
46 Pd	4.10 ±0.10	1, 2
47 Ag	2.78 ±0.08	1, 9
48 Cd	1.48 ±0.05	1, 2, 9
49 In	0.78	1, 2, 9
50 Sn	1.71 ±0.02	6, 9
51 Sb	4.74 ±0.01	1, 2, 9
52 Te	4.18 ±0.13	2
55 Cs	0.506 ±0.006	1, 2, 9
56 Ba	1.83 ±0.07	2

TABLE X. HEAT OF FUSION—*Continued*

Element	ΔH_F (kcal/g-at)	Ref.
57 La	1.482 ±0.002	10
58 Ce	1.238 ±0.004	11
59 Pr	1.652 ±0.003	10
60 Nd	1.705 ±0.019	11
61 Pm	(1.94)[a]	—
62 Sm	2.061 ±0.015	11
63 Eu	2.204 ±0.018	10
64 Gd	2.438	7
65 Tb	2.46	7
66 Dy	(2.49)[a]	—
67 Ho	3.38[f]	7
68 Er	(2.62)[a]	—
69 Tm	4.22[f]	7
70 Yb	1.830 ±0.008	10
71 Lu	(2.85)[a]	—
72 Hf	(4.39)[a]	—
73 Ta	(5.76)[a]	—
74 W	8.42[e]	6
75 Re	(7.86)[a]	—
76 Os	(7.56)[a]	—
77 Ir	(6.22)[a]	—
78 Pt	4.70[c]	6
79 Au	2.955	1, 2
80 Hg	0.5486	2
81 Tl	1.02 ±0.01	1, 2, 9
82 Pb	1.14 ±0.01	1, 2, 9
83 Bi	2.60 ±0.05	2, 9
84 Po	(0.91)[a]	—
87 Fr	(0.52)[a]	—
88 Ra	(1.71)[a]	—
89 Ac	(3.03)[a]	—
90 Th	(3.56)[a]	—
91 Pa	(2.99)[a]	—
92 U	(2.47)[a]	—
93 Np	(1.60)[a]	—
94 Pu	0.676 ±0.010	12

[a] Estimated value; see text for further discussion.
[b] Value obtained at 48 kilobars ($\sim 48 \times 10^3$ kg/cm^2); see text for further discussion.
[c] Calculated from binary phase diagram data.
[d] Kelley[8] thought this value might be too large.
[e] Calculated from vapor pressure data.
[f] This value is probably the sum of the heat of transformation (hcp → bcc) and the heat of fusion, since they occur close to one another.