NPL
National Physical Laboratory

Densities and Energies of Sublimation

Name	*Z*	U_o eV/atom	density g/cm^3
Li	**3**	1.651	0.533
Be	**4**	3.358	1.846
B	**5**	5.856	2.466
C	**6**	7.428	2.266
Na	**11**	1.114	0.971
Mg	**12**	1.525	1.738
Al	**13**	3.420	2.698
Si	**14**	4.664	2.329
P	**15**	3.280	1.820
S	**16**	2.873	2.070
K	**19**	0.922	0.862
Ca	**20**	1.843	1.530
Sc	**21**	3.915	2.992
Ti	**22**	4.910	4.508
V	**23**	5.362	6.090
Cr	**24**	4.116	7.194
Mn	**25**	2.926	7.473
Fe	**26**	4.291	7.873
Co	**27**	4.394	8.800
Ni	**28**	4.394	8.907
Cu	**29**	3.503	8.933
Zn	**30**	1.352	7.135
Ga	**31**	2.819	5.905
Ge	**32**	3.812	5.323
As	**33**	2.970	5.727
Se	**34**	2.462	4.808
Rb	**37**	0.838	1.532
Sr	**38**	1.663	2.583
Y	**39**	4.392	4.475
Zr	**40**	6.211	6.507
Nb	**41**	7.495	8.578
Mo	**42**	6.816	10.222
Tc	**43**	6.581	11.500
Ru	**44**	6.758	12.360
Rh	**45**	5.752	12.420
Pd	**46**	3.897	11.995

Name	*Z*	U_o eV/atom	density g/cm^3
Ag	**47**	2.953	10.500
Cd	**48**	1.159	8.647
In	**49**	2.495	7.290
Sn	**50**	3.122	7.285
Sb	**51**	2.769	6.692
Te	**52**	2.171	6.247
Cs	**55**	0.793	1.837
Ba	**56**	1.917	3.594
La	**57**	4.457	6.174
Ce	**58**	4.323	6.711
Pr	**59**	3.688	6.779
Nd	**60**	3.390	7.000
Pm	**61**	2.686	7.220
Sm	**62**	2.131	7.536
Eu	**63**	1.826	5.248
Gd	**64**	4.130	7.870
Tb	**65**	4.001	8.267
Dy	**66**	2.956	8.531
Ho	**67**	3.111	8.797
Er	**68**	3.253	9.044
Tm	**69**	2.412	9.325
Yb	**70**	1.580	6.966
Lu	**71**	4.434	9.842
Hf	**72**	6.450	13.276
Ta	**73**	8.110	16.670
W	**74**	8.823	19.254
Re	**75**	8.031	21.023
Os	**76**	8.167	22.580
Ir	**77**	6.944	22.550
Pt	**78**	5.856	21.450
Au	**79**	3.819	19.281
Hg	**80**	0.636	13.546
Tl	**81**	1.876	11.871
Pb	**82**	2.023	11.343
Bi	**83**	2.163	9.803