

	A	B	C
1	Atomic Properties		
2		Orbital Radius	IP(eV)
3	H	0.529	13.595
4	He	0.291	24.58
5	Li	1.586	5.39
6	Be	1.04	9.32
7	B	0.776	8.296
8	C	0.62	11.264
9	N	0.521	14.54
10	O	0.45	13.614
11	F	0.396	17.42
12	Ne	0.354	21.559
13	Na	1.713	5.138
14	Mg	1.279	7.644
15	Al	1.312	5.984
16	Si	1.068	8.149
17	P	0.919	11
18	S	0.81	10.357
19	Cl	0.725	13.01
20	Ar	0.659	15.755
21	K	2.162	4.339
22	Ca	1.69	6.111
23	Sc	1.57	6.56
24	Ti	1.477	6.83
25	V	1.401	6.74
26	Cr	1.453	6.76
27	Mn	1.278	7.432
28	Fe	1.227	7.896
29	Co	1.181	7.86
30	Ni	1.139	7.633
31	Cu	1.191	7.723
32	Zn	1.065	9.391
33	Ga	1.254	6
34	Ge	1.09	8.13
35	As	1.001	10
36	Se	0.918	9.75
37	Br	0.851	11.84
38	Kr	0.795	13.996
39	Rb	2.287	4.176
40	Sr	1.836	5.692
41	Y	1.693	6.6
42	Zr	1.593	6.95
43	Nb	1.589	6.77
44	Mo	1.52	7.18
45	Tc	1.391	
46	Ru	1.41	7.5
47	Th	1.364	7.7
48	Pd	0.567	8.33
49	Ag	1.286	7.574

	A	B	C
50	Cd	1.184	8.991
51	In	1.382	5.785
52	Sn	1.24	7.332
53	Sb	1.193	8.64
54	Te	1.111	9.01
55	I	1.044	10.44
56	Xe	0.986	12.127
57	Cs	2.518	3.893
58	Ba	2.06	5.21
59	La	1.915	5.61
60	Ce	1.978	6.91
61	Pr	1.942	5.76
62	Nd	1.912	6.31
63	Pm	1.882	
64	Sm	1.854	5.6
65	Eu	1.826	5.67
66	Gd	1.713	6.16
67	Tb	1.775	6.74
68	Dy	1.75	6.82
69	Ho	1.727	
70	Er	1.703	
71	Tm	1.681	
72	Yb	1.658	6.2
73	Lu	1.553	5
74	Hf	1.476	5.5
75	Ta	1.413	7.88
76	W	1.36	7.98
77	Re	1.31	7.87
78	Os	1.266	8.7
79	Ir	1.227	9.2
80	Pt	1.221	8.96
81	Au	1.187	9.223
82	Hg	1.123	10.434
83	Tl	1.319	6.106
84	Pb	1.215	7.415
85	Bi	1.295	7.287
86	Po	1.212	8.43
87	At	1.146	
88	Rn	1.09	10.746
89	Fr	2.447	
90	Ra	2.042	5.277
91	Ac	1.895	6.9
92	Th	1.788	
93	Pa	1.804	
94	U	1.775	4
95	Np	1.741	
96	Pu	1.784	
97	Am	1.757	
98	Cm	1.657	

	A	B	C
99	Bk	1.626	
100	Cf	1.598	
101	Es	1.576	
102	Fm	1.557	