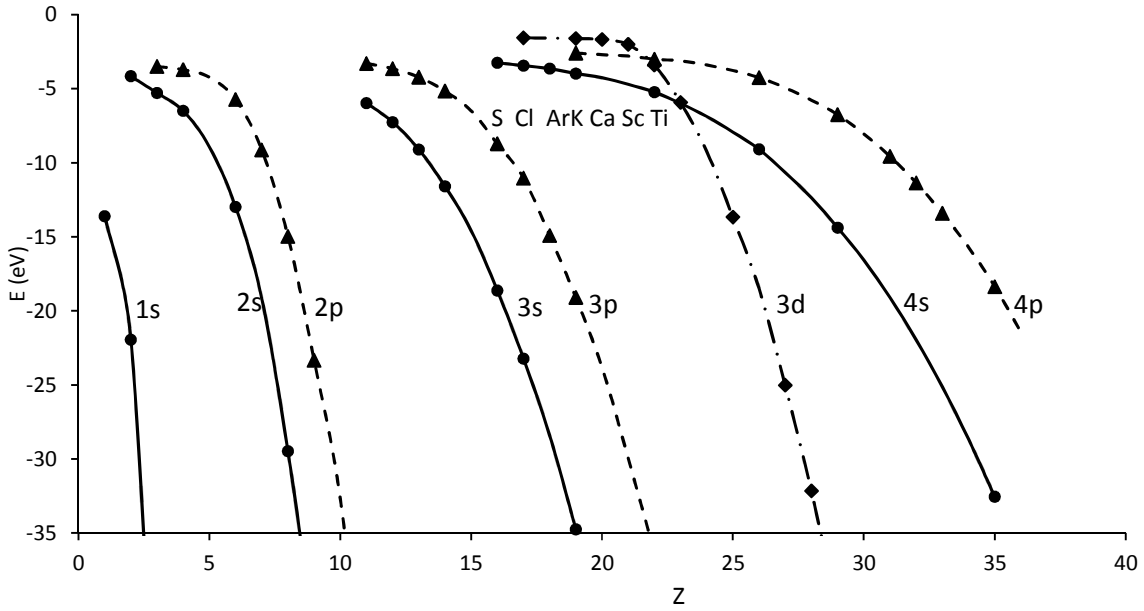
SCF-Atomic Orbital Energies



H $1s^1$							He $1s^2$
Li $2s^1$	Be $2s^2$	B $2s^22p^1$	C $2s^22p^2$	N $2s^22p^3$	O $2s^22p^4$	F $2s^22p^5$	Ne $2s^22p^6$
Na $3s^1$	Mg $3s^2$	Al $3s^23p^1$	Si $3s^23p^2$	P $3s^23p^3$	S $3s^23p^4$	Cl $3s^23p^5$	Ar $3s^23p^6$
K $4s^1$	Ca $4s^2$	Ga $3d^{10}4s^24p^1$	Ge $3d^{10}4s^24p^2$	As $3d^{10}4s^24p^3$	Se $3d^{10}4s^24p^4$	Br $3d^{10}4s^24p^5$	Kr $3d^{10}4s^24p^6$
Rb $5s^1$	Sr $5s^2$	In $4d^{10}5s^25p^1$	Sn $4d^{10}5s^25p^2$	Sb $4d^{10}5s^25p^3$	Te $4d^{10}5s^25p^4$	I $4d^{10}5s^25p^5$	Xe $4d^{10}5s^25p^6$
Cs $6s^1$	Ba $6s^2$	Tl $4f^{14}5d^{10}6s^26p^1$	Pb $4f^{14}5d^{10}6s^26p^2$	Bi $4f^{14}5d^{10}6s^26p^3$	Po $4f^{14}5d^{10}6s^26p^4$	At $4f^{14}5d^{10}6s^26p^5$	Rn $4f^{14}5d^{10}6s^26p^6$

Sc $3d^14s^2$	Ti $3d^24s^2$	V $3d^34s^2$	Cr $3d^54s^1$	Mn $3d^54s^2$	Fe $3d^64s^2$	Co $3d^74s^2$	Ni $3d^84s^2$	Cu $3d^{10}4s^1$	Zn $3d^{10}4s^2$
Y $4d^15s^2$	Zr $4d^25s^2$	Nb $4d^45s^1$	Mo $4d^55s^1$	Tc $4d^55s^2$	Ru $4d^75s^1$	Rh $4d^85s^1$	Pd $4d^{10}$	Ag $4d^{10}5s^1$	Cd $4d^{10}5s^2$
Lu $4f^{14}5d^16s^2$	Hf $4f^{14}5d^26s^2$	Ta $4f^{14}5d^36s^2$	W $4f^{14}5d^46s^2$	Re $4f^{14}5d^56s^2$	Os $4f^{14}5d^66s^2$	Ir $4f^{14}5d^76s^2$	Pt $4f^{14}5d^96s^1$	Au $4f^{14}5d^{10}6s^1$	Hg $4f^{14}5d^{10}6s^2$

La $5d^16s^2$	Ce $4f^26s^2$	Pr $4f^36s^2$	Nd $4f^46s^2$	Pm $4f^56s^2$	Sm $4f^66s^2$	Eu $4f^76s^2$	Gd $4f^86s^2$	Tb $4f^96s^2$	Dy $4f^{10}6s^2$	Ho $4f^{11}6s^2$	Er $4f^{12}6s^2$	Tm $4f^{13}6s^2$	Yb $4f^{14}6s^2$
Ac $6d^17s^2$	Th $5f^27s^2$	Pa $5f^26d^17s^2$	U $5f^36d^17s^2$	Np $5f^46d^17s^2$	Pu $5f^67s^2$	Am $5f^77s^2$	Cm $5f^76d^17s^2$	Bk $5f^97s^2$	Cf $5f^{10}7s^2$	Es $5f^{11}7s^2$	Fm $5f^{12}7s^2$	Md $5f^{13}7s^2$	No $5f^{14}7s^2$

R. Latter, "Atomic Energy Levels for the Thomas-Fermi and Thomas-Fermi-Dirac Potential," *Phys. Rev.*, **1955**, *99(2)*, 510-519.