







In	e (Charged) Liquid Drop Model
A sim	ple model for the binding energy of a nucleus
Taking into a expression:	account volume and surface effects gives the following
	$E_b \propto C_1 A - C_2 A^{2/3}$
According to the monotonically a it goes through a	is formula, the binding energy per nucleon should increase s the nucleus gets larger and larger, while we have seen that a maximum when A is around 56.
Something else	must be included. What is it?
	hat nuclei contain protons and we haven't taken the





















