$$E = \frac{a_v A}{A} + \left[-a_f A^{\Upsilon/\Upsilon} \right] + \left[-a_c \frac{Z(Z-1)}{A^{1/\Upsilon}} \right] + \left[-a_s \frac{(A-\Upsilon Z)^{\Upsilon}}{A} \right] + \left[E_p \right]$$
 (1)