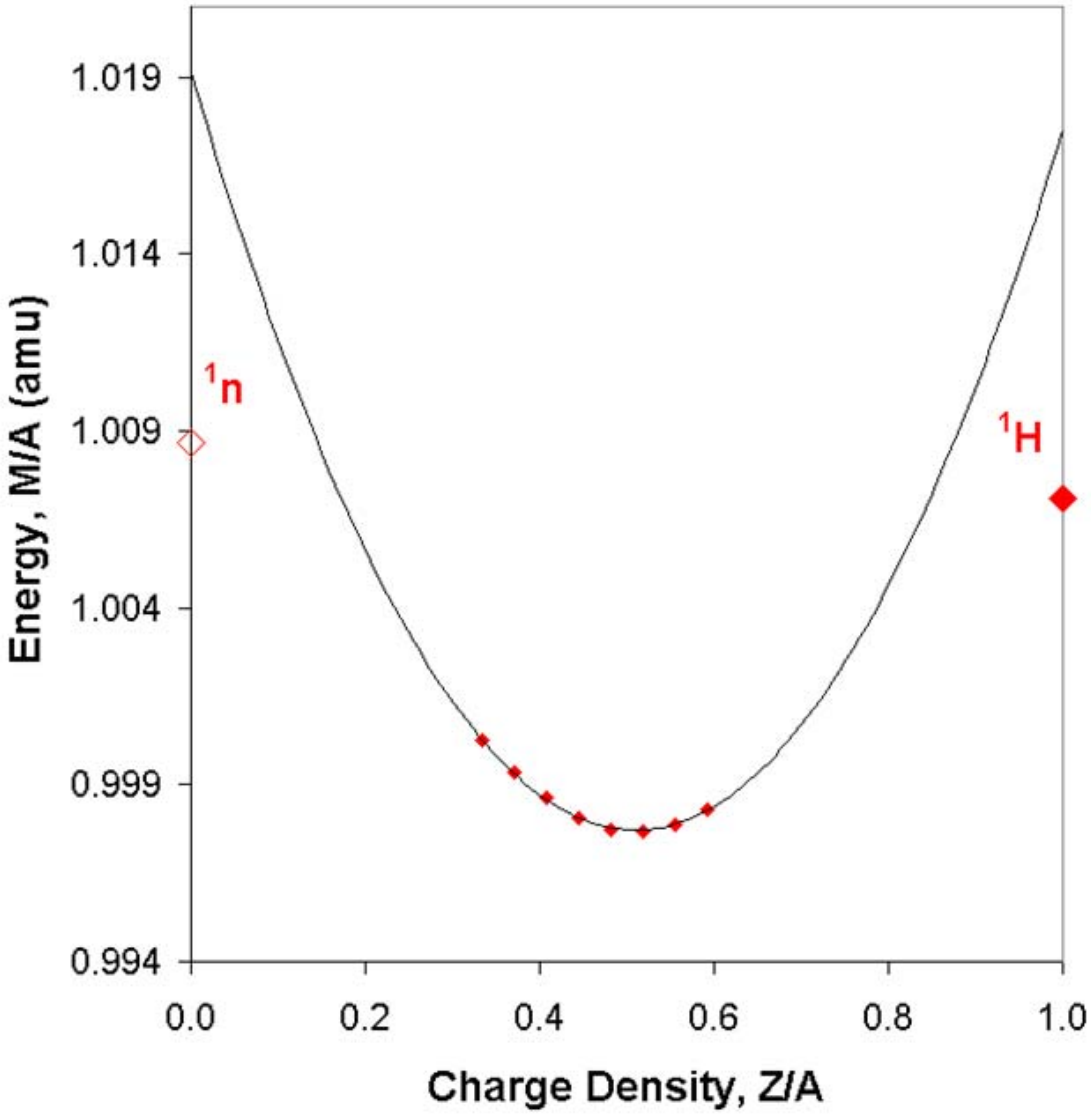
Neutron-Repulsion at A = 27

At A = 27 the mass parabola yields
M/A = M($_0^1$n) + 10 MeV at Z/A = 0



After subtracting Coulomb energy, the mass parabola has a minimum at Z = 13.5 At Z = 13 or 14 there are 182 attractive n-p interactions but only 169 repulsive n-n & p-p interactions [18]