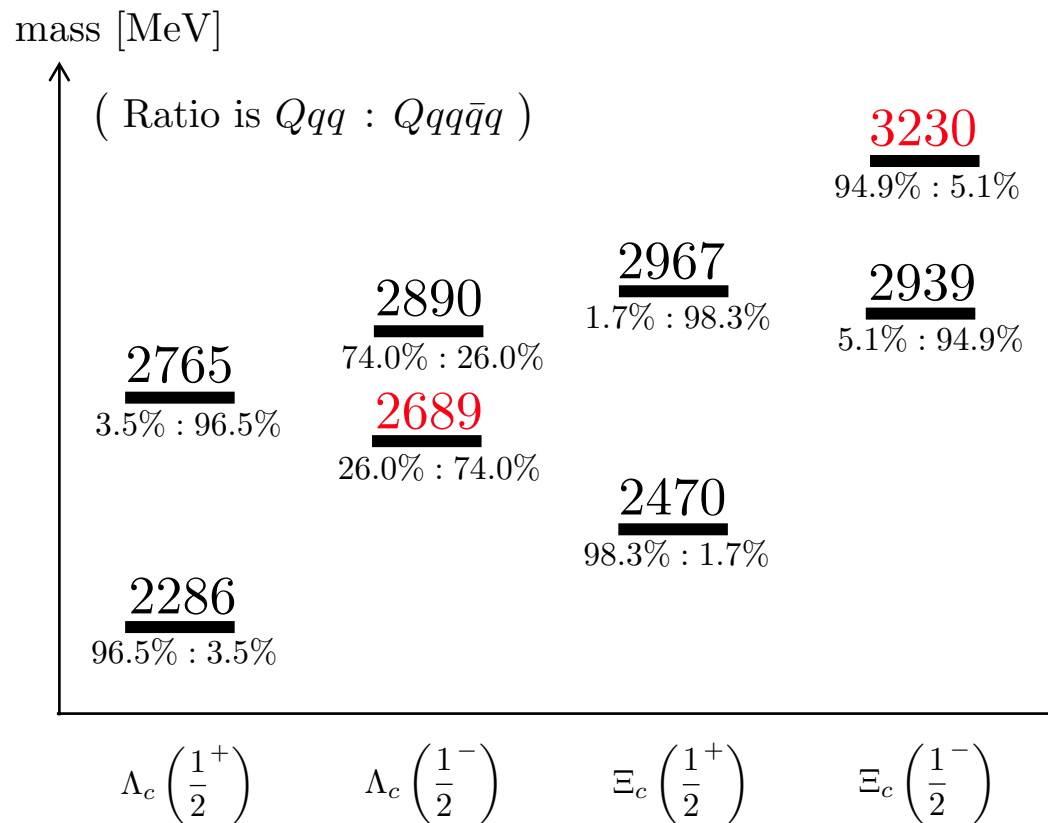


(a) The three mass hierarchies in Eq. (9).



(b) The mass spectrum with the mixing effects.