

Mass spectra of triply beauty Ω_{bbb} baryon

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Ω_{bbb} is triply heavy beauty quark baryon which makes the system very interesting. We do not have any experimental observed states for Ω_{bbb} \cite{olive}; but many lattice calculations \cite{brown, PAD2014} as well as theoretical predictions \cite{vijande2015, kwei2} have been performed for ground and excited states of this baryons. We use Hypercentral Constituent Quark model \cite{EPJC} with Coulomb plus power potential by varying potential index ν value from 0.5 to 2.0. Our Model also identified the radial and orbital excited state masses for the baryon and try to give the range of the resonance it can be found.

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