

Observation of new charmonium decays

Content

$\psi(2S)$ provides good opportunities for the study of χ_{cJ} , η_c , and h_c decays. These studies can be used to verify QCD based models, which provide predictions for the decay mechanism. With the world's largest sample of 4.48×10^8 , progress on the charmonium decays has been made. In the talk, we report the new results, such as the first measurement of the branching ratio of $\chi_{c1,2}$ to $\mu^+ \mu^-$; observation of χ_{c1} to $\omega \phi$; observation of the h_c hadronic decays; the study of η_c hadronic decay.

Summary

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