

New observation in charmonium decays

Friday 31 July 2020 10:10 (15 minutes)

The world's largest sample of 4.48108 $\psi(2S)$ events provides good opportunities for the study of χ_{cJ} , η_c , and h_c decays via its radiative transition. Using this data sample, a lot of progress on χ_{cJ} and h_c decays has been made. New results, including the observation of OZI suppressed decays $\chi_{cJ} \rightarrow \phi \omega$, measurements of $\chi_{cJ} \rightarrow \phi \eta$, observation of $\chi_{cJ} \rightarrow 4 K_s$ and $\sigma p\text{-bar} K_s$, observation of new h_c hadronic decay modes will be introduced.

I read the instructions

Secondary track (number)

Primary author: SONG, Weimin (Jilin University)

Presenter: SONG, Weimin (Jilin University)

Session Classification: Strong Interactions and Hadron Physics

Track Classification: 06. Strong Interactions and Hadron Physics