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Heavy quark mesons and baryons (incl. lattice calculations)

Hadron spectroscopy and exotics (experiment and theory)

Experiment: FNAL E835

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Experiment E835 at FNAL : Study of Charmonium States in $\bar{p}p$ annihilations

(TBC) Roberto Mussa (INFN Torino) for the E835
collaboration

Abstract

Experiment E835 at the Fermilab Antiproton Accumulator has collected a large sample of charmonium states formed in $\bar{p}p$ annihilations, providing the most precise measurement of mass and width for the $\chi_c(1P)$ states available to date.

Preliminary results on selected exclusive decay modes of $\chi_c(1P)$ and $\psi(2S)$ will also be presented.

Version 1

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