

## Production of Tetraquarks at LHC

Since ten years ago a host of exotic resonances have challenged the usual quarkonium picture. A number of ideas have been put forward to explain these new states, but a comprehensive framework is still missing. We present here results on  $X(3872)$  production in  $pp(\bar{p})$  collisions obtained with Monte Carlo hadronization methods and illustrate what can be learned from their use to improve our understanding of exotic states. A comparison with antideuteron production is proposed. Hadronization might be the key to solve the problem of the extra states expected in diquark-antidiquark models.

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