



Nuclear Effects in HERA-B

<http://www.firstlight.cn> 2007-06-30

In this contribution we estimate the influence of the shadowing effect and initial state parton energy loss in the quarkonium production at HERA-B. We analyze the x_F behavior of the effective exponent $a(x_F)$ and present a comparison with the preliminary HERA-B data for J/ψ production. Moreover, we present our predictions for χ_c production at HERA-B. The magnitude of these effects in the J/ψ production at RHIC is also analyzed.

[存档文本](#)