FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

MEASUREMENT OF J/ ψ AND $\psi(2S)$

AT FORWARD AND BACKWARD RAPIDITY IN

p+p, p+Al, p+Au, AND ³He+Au COLLISIONS

AT $\sqrt{s_{NN}} = 200 \text{ GEV}$

By

KRISTA L. SMITH

A Dissertation submitted to the Department of Physics in partial fulfillment of the requirements for the degree of Doctor of Philosophy

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Krista L. Smith defended this dissertation on August 11, 2021. The members of the supervisory committee were:	
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