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Probing the structure of exotic hadrons at the EIC

The EIC will provide a powerful tool for discriminating between various models of exotic hadron structure. Exotics that hadronize inside the nucleus must pass through nuclear matter, where they can interact with other partons and be disrupted. The magnitude of this disruption is expected to depend on the radius/binding energy of the state. Thus, the nucleus can act as a filter that preferentially suppresses extended states, while allowing compact states to pass through relatively unscathed. We will present a brief discussion of these effects and early projections for suppression of the exotic tetraquark candidate $X(3872)$.

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