

Peer Review

# Review of: "Exploring QGP-Like Phenomena with Charmonia in p+p Collisions at $\sqrt{s}=13$ TeV"

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1. I am curious about how authors define the Debye mass  $m_D$ . It would be helpful to understand the manuscript if authors could define the Debye mass.
2. It appears that the authors are using only the real part of the potential (defined in eq. 8) in the time-dependent Schrödinger equation (eq. 16). The authors have defined  $V(r)$  in terms of  $\mu$  after eq. 17, rather than in terms of the Debye mass  $m_D$  as the potential  $(V(r, m_D))$  defined in eq. 8. However, they have not provided any explanation of how they write the potential in terms of  $\mu$ . Authors should define  $\mu$  and should provide an explanation regarding this.

**Attachments:** available at <https://doi.org/10.32388/HVNBBY>

## Declarations

**Potential competing interests:** No potential competing interests to declare.