

Enabling Forbidden Dark Matter

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•• **Conclusion** – arXiv: 1702.07716

- 3 to 2 annihilations are important when 2 to 2 annihilations are kinematically forbidden.
- **Not-Forbidden Dark Matter** leads to **light dark** matter (MeV – GeV) consistent with experimental constraints and relic abundance.
- Not-Forbidden Dark Matter can lead to selfinteraction cross sections that **potentially solve** small-scale structure problems.
- Having multiple species and processes lead to interesting freeze-out scenarios.











































