

1

outline of my thesis

2

Wei Ji

3

2018/07/02

⁴ This is perserved just for me This document has what I want to write about
⁵ in my thesis.
⁶ todo list is what is in red color.

Chapter 1

introduction to dark matter

- brief evolution history of the univers
- mass discrepancy issue
- cosmological scale evidence
 - BBN as the first measure
 - CMB as the most convinencing measure for mass discrepancy issue.
- galactic scale evidence
 - rotation curve.
 - add paragraph to 3.5keV
 - add paragraph to weak lensing
 - add paragraph to weak lensing of CMB, or delete where this is mentioned in the first paragraph.
 - add chapter candidates
 - add section freeze in freeze out

22 Chapter 2

23 direct detection

- 24 • direct, indirect, creation in LHC
- 25 • direct detection
- 26 • liquid nobel
- 27 • xenon

Chapter 3

²⁹ **Appendix A**

³⁰ **phase One**

³¹ • test