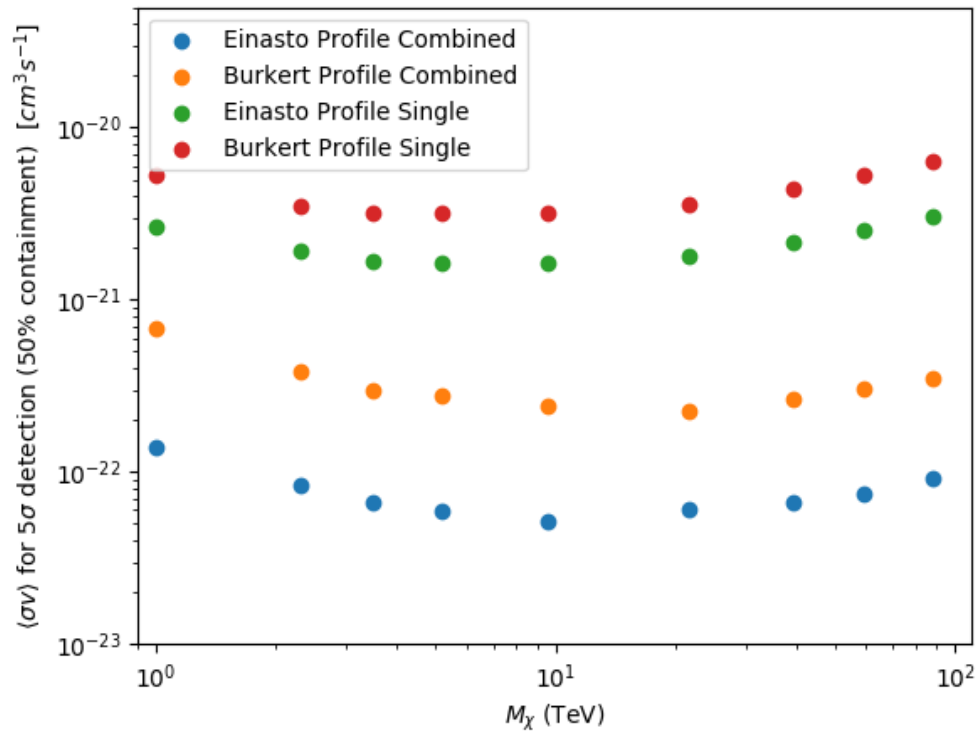


Update on Sensitivity Analysis

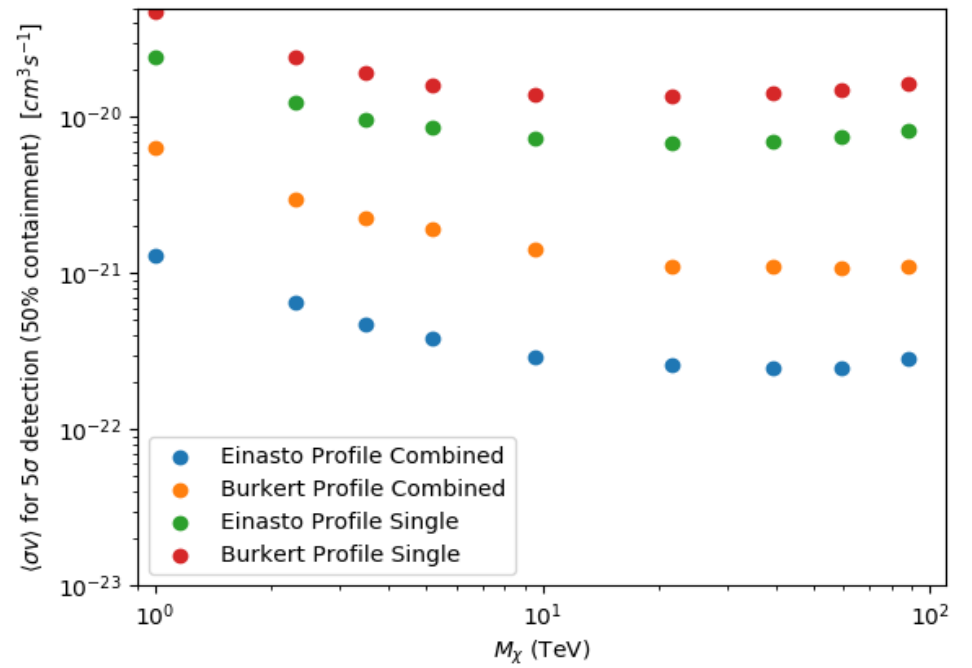
Refresher

- Using CLUMPY models of sky to find sensitivity to gamma ray excess of Milky Way substructure
- Had previously reported combined sensitivity
 - Sensitivity to detecting a total 5 sigma excess above background
 - Subtleties here
 - How to decide what's background and what isn't on real sky
- Trying single-detection threshold instead
 - Sensitivity to a single sub-halo showing up at 5 sigma

$\tau\tau$ Detection Sensitivity



$b\bar{b}$ Detection Sensitivity



Lose factor of ~ 8 sensitivity with the single-dwarf case.
Possibly wrong: looks like large dwarfs weren't being counted.