EFT Recoil Spectra

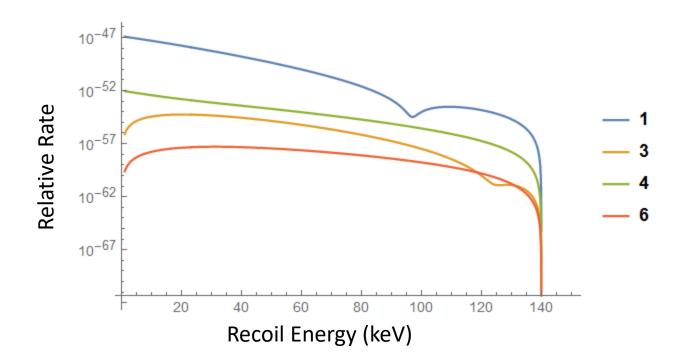
Shaun Alsum 2017/08/01

Based on arXiv:1203.3542 (Fitzpatrick, Haxton, Katz, Lubbers, Xu)

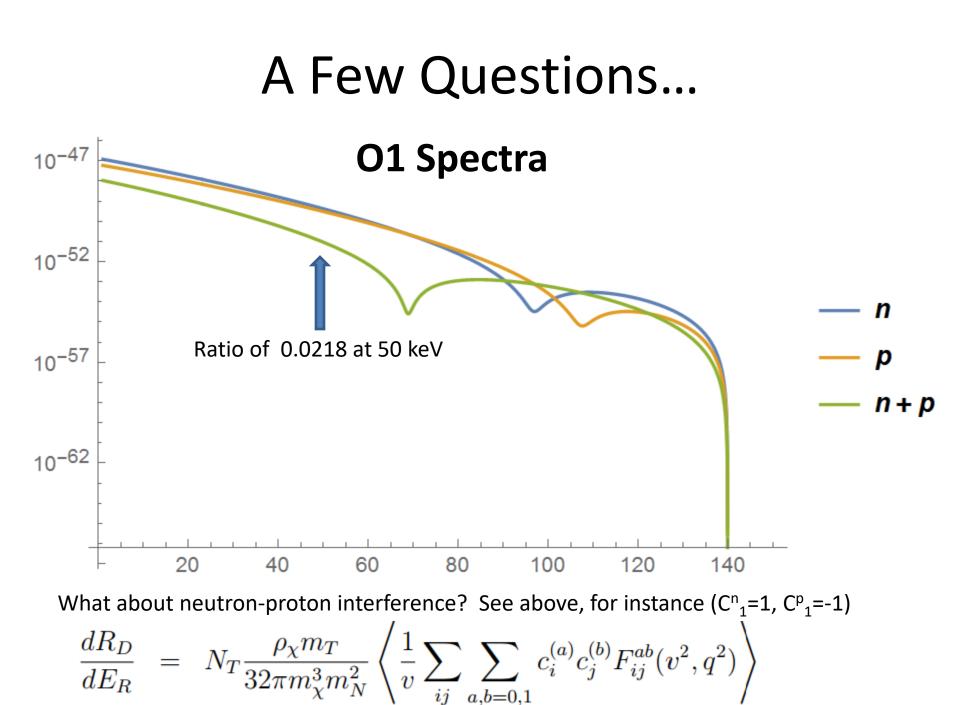
- Anand, Fitzpatrick, Haxton wrote a mathematica package to determine rates in DM searches (arXiv:1308.6288)
- Options for DM spin, halo type, target material, etc.

Give it a try!

compared several operators



Neutrons only, DM spin 1, Xe131 only Seems like they all die off at 140 keV



Questions continued...

- What spin are we assuming for DM?
- Why?
- Should we do all sorts?