

EFT Update 8/22/19

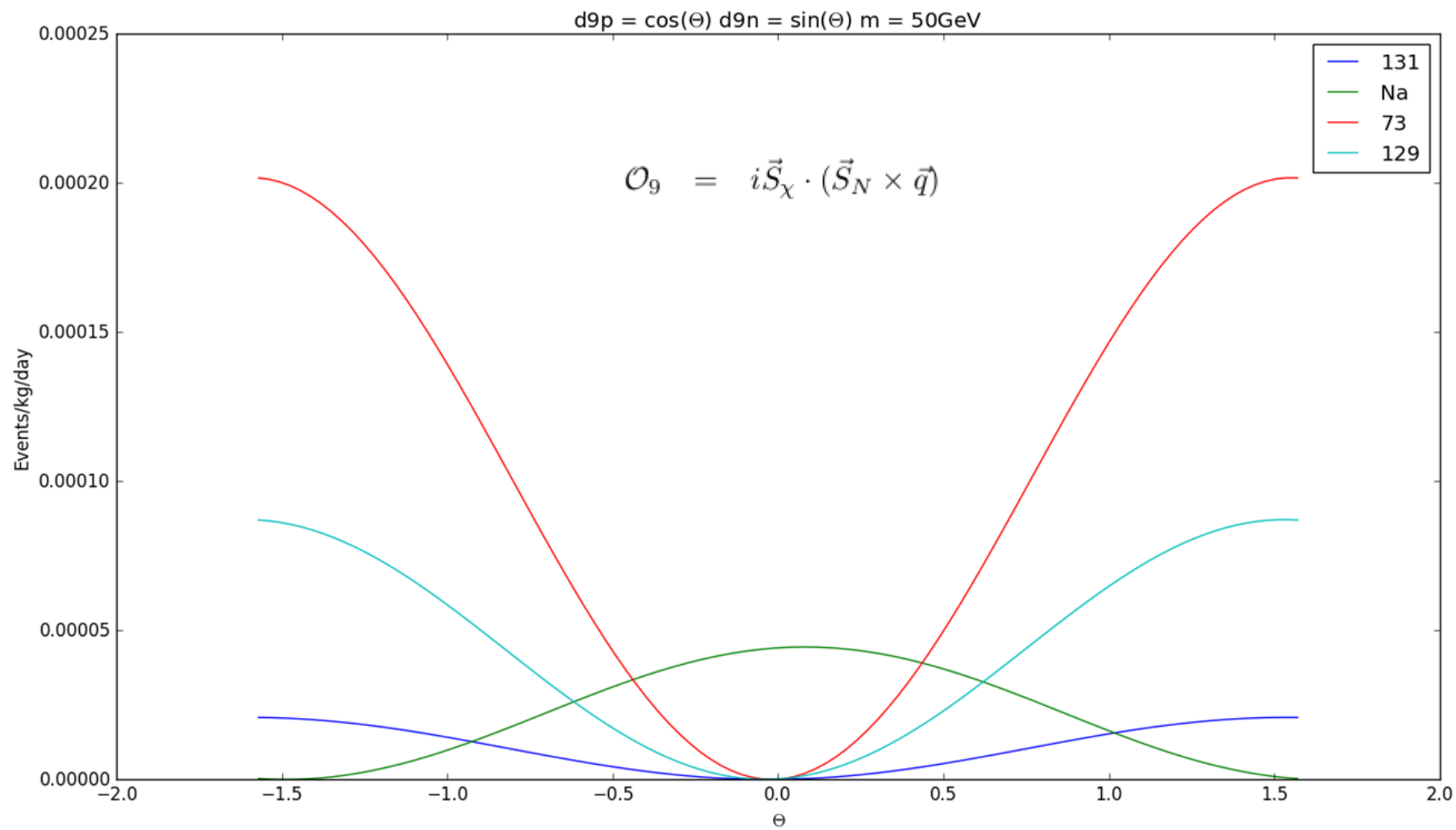
John P.

Currently working on:

- Improving the python code I use to generate plots
- Making “heat map” plots for different target materials and individual isotopes. (isospin and operator interferences handled separately)
- Making actual heat maps for different target materials and isotopes (both op and isospin interferences)
- Timing Mathematica code to compare with Changfeng’s fortran version.

Plans for near future

- Talk with Baha and his post doc.
- Talk to Changfeng and Calvin about the Argon density matrices.
- Maybe look into event rate spectra for different WIMP velocity distributions.



$$\mathcal{O}_8 = \vec{S}_\chi \cdot \vec{v}^\perp$$

