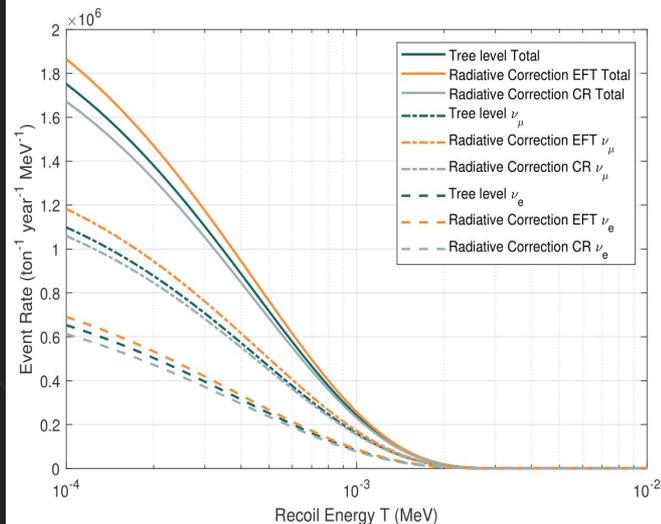
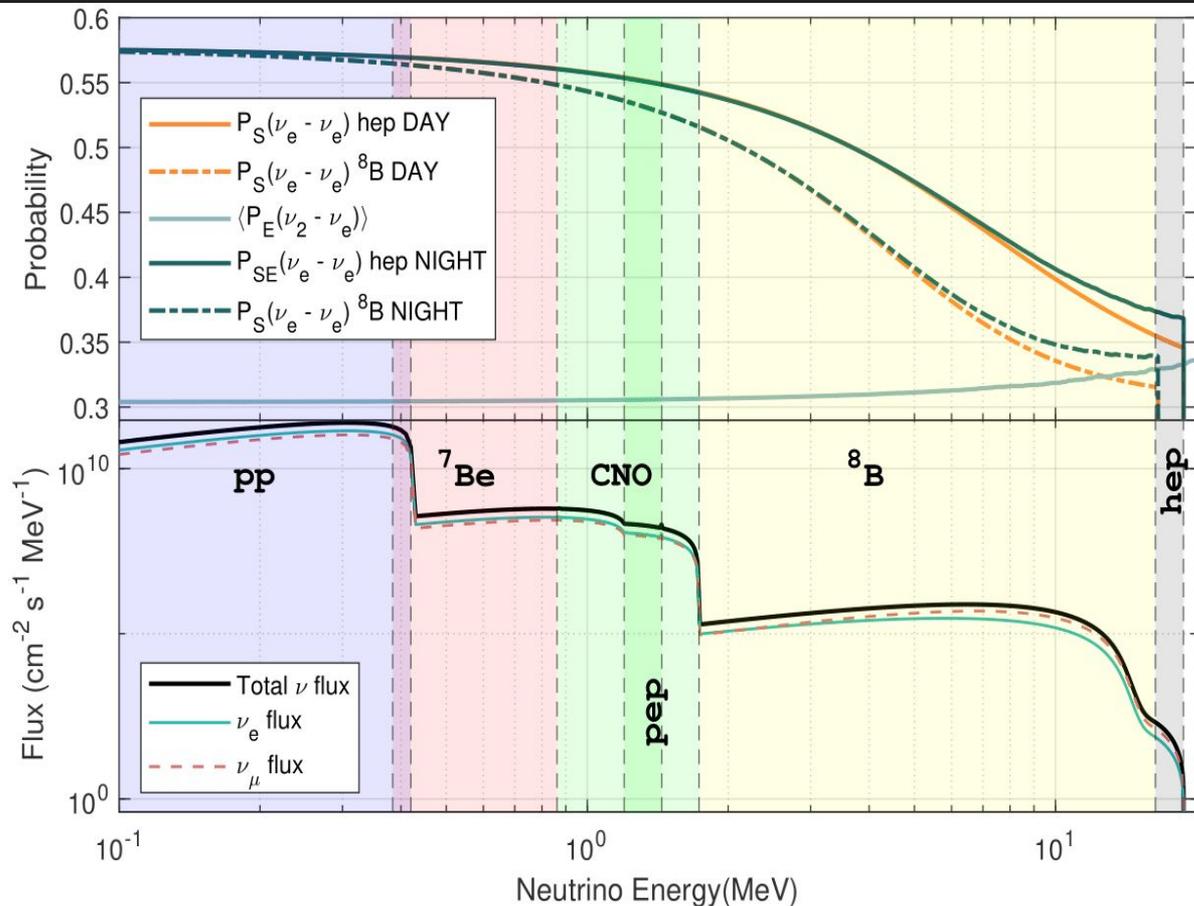


Detecting Radiative Corrections to CE ν NS Cross-Section Using Solar Neutrinos at Dark Matter Detection Experiments



References for Radiative Correction:

EFT : Oleksandr Tomalak, Pedro Machado, Vishvas Pandey, and Ryan Plestid. Flavor-dependent radiative corrections in coherent elastic neutrino-nucleus scattering. JHEP, 02:097, 2021.

CR : M. Cadeddu, C. Giunti, K. A. Kouzakov, Y. F. Li, A. I. Studenikin, and Y. Y. Zhang. Neutrino charge radii from COHERENT elastic neutrino-nucleus scattering. Physical Review D, 98(11), dec 2018.

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