

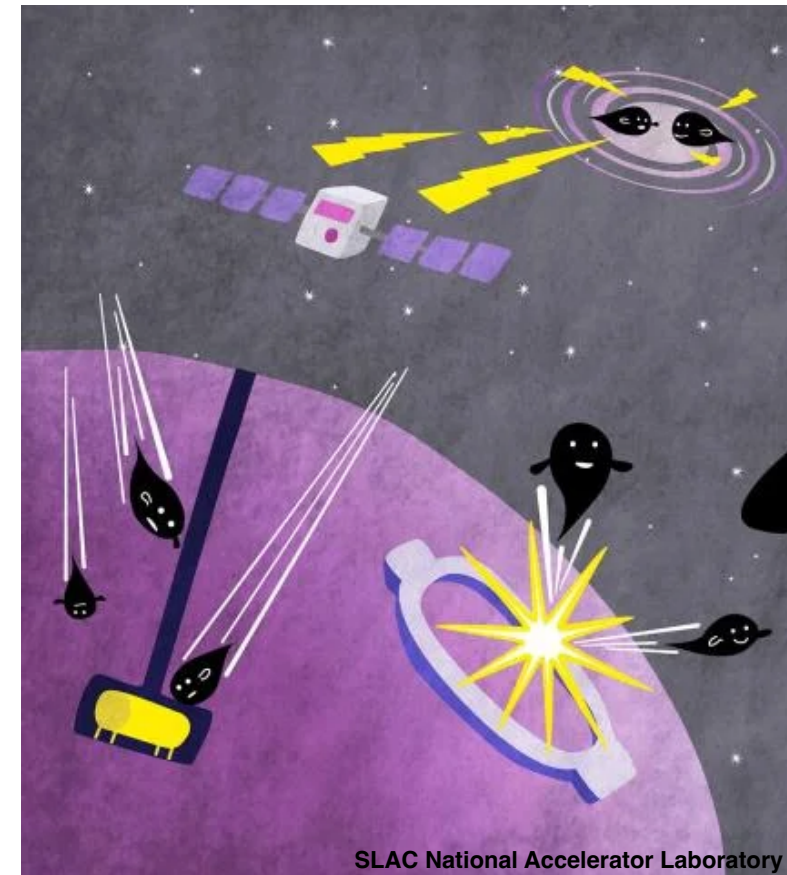
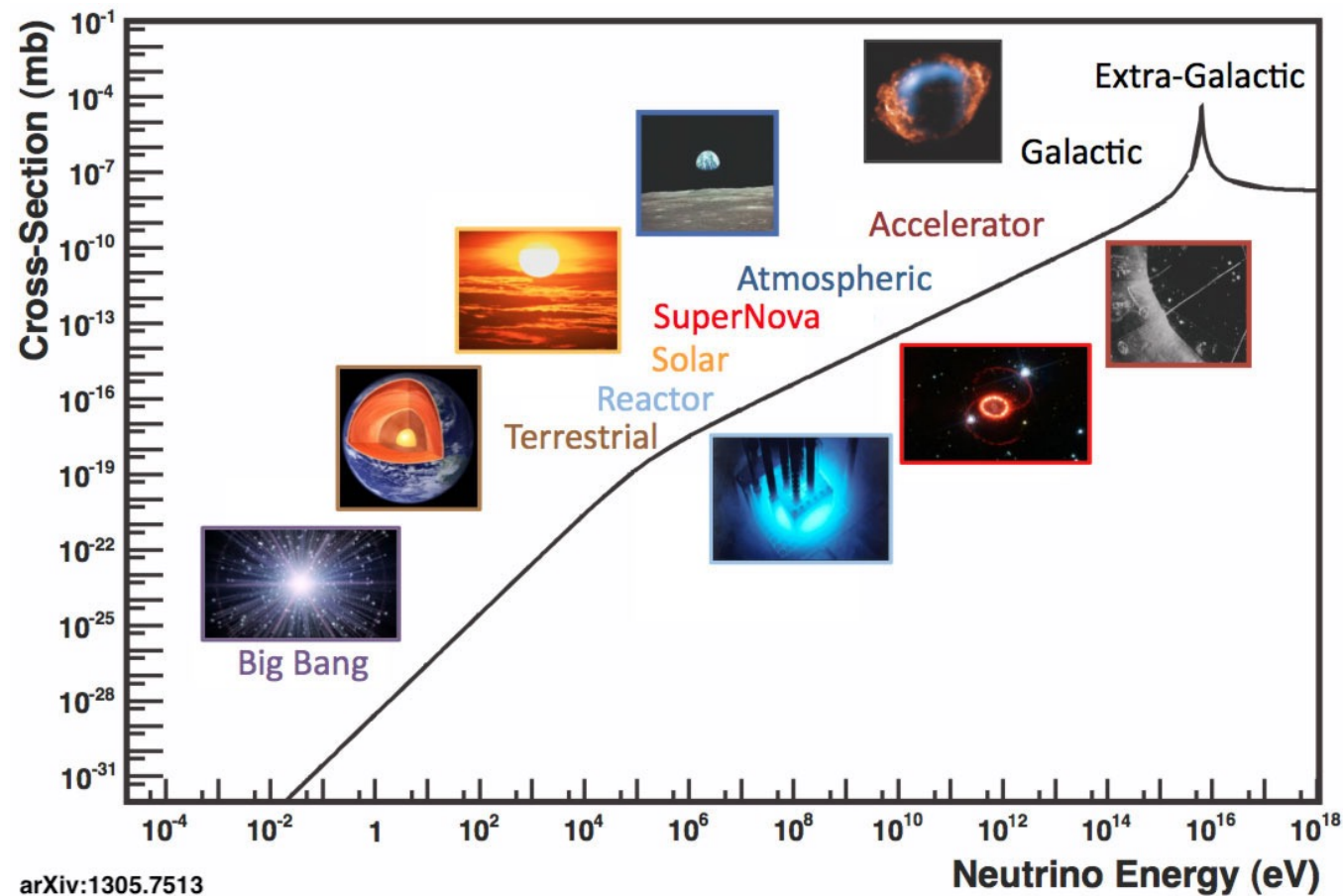
Discussion: Novel Signatures

MDvDM'25 JAMSTEC

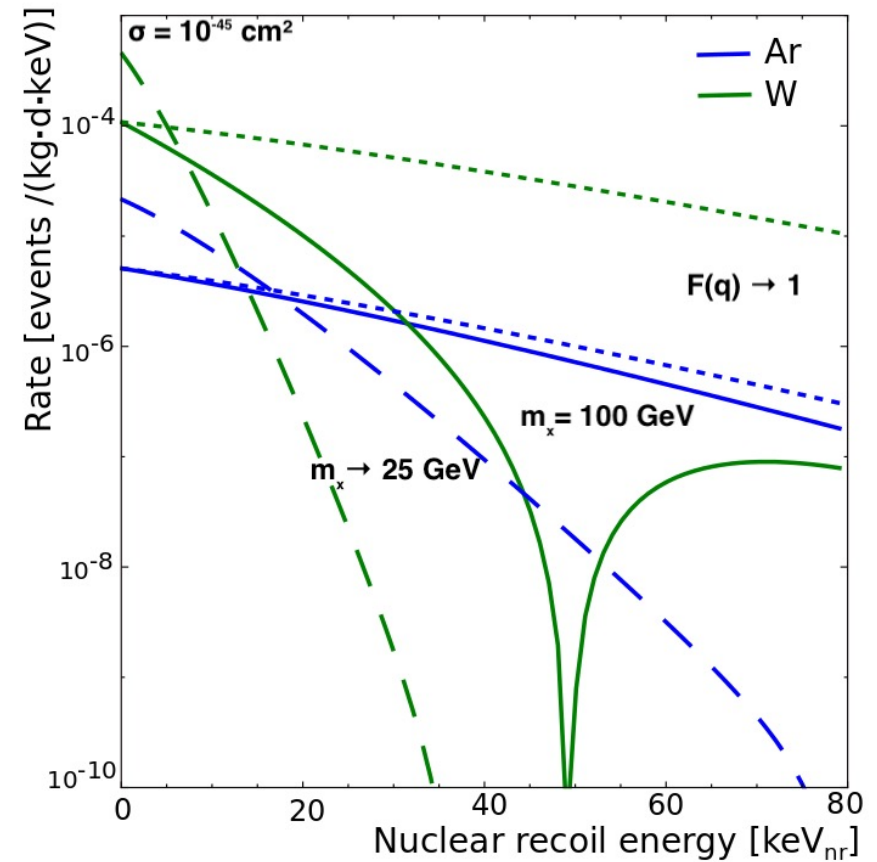
Patrick Stengel

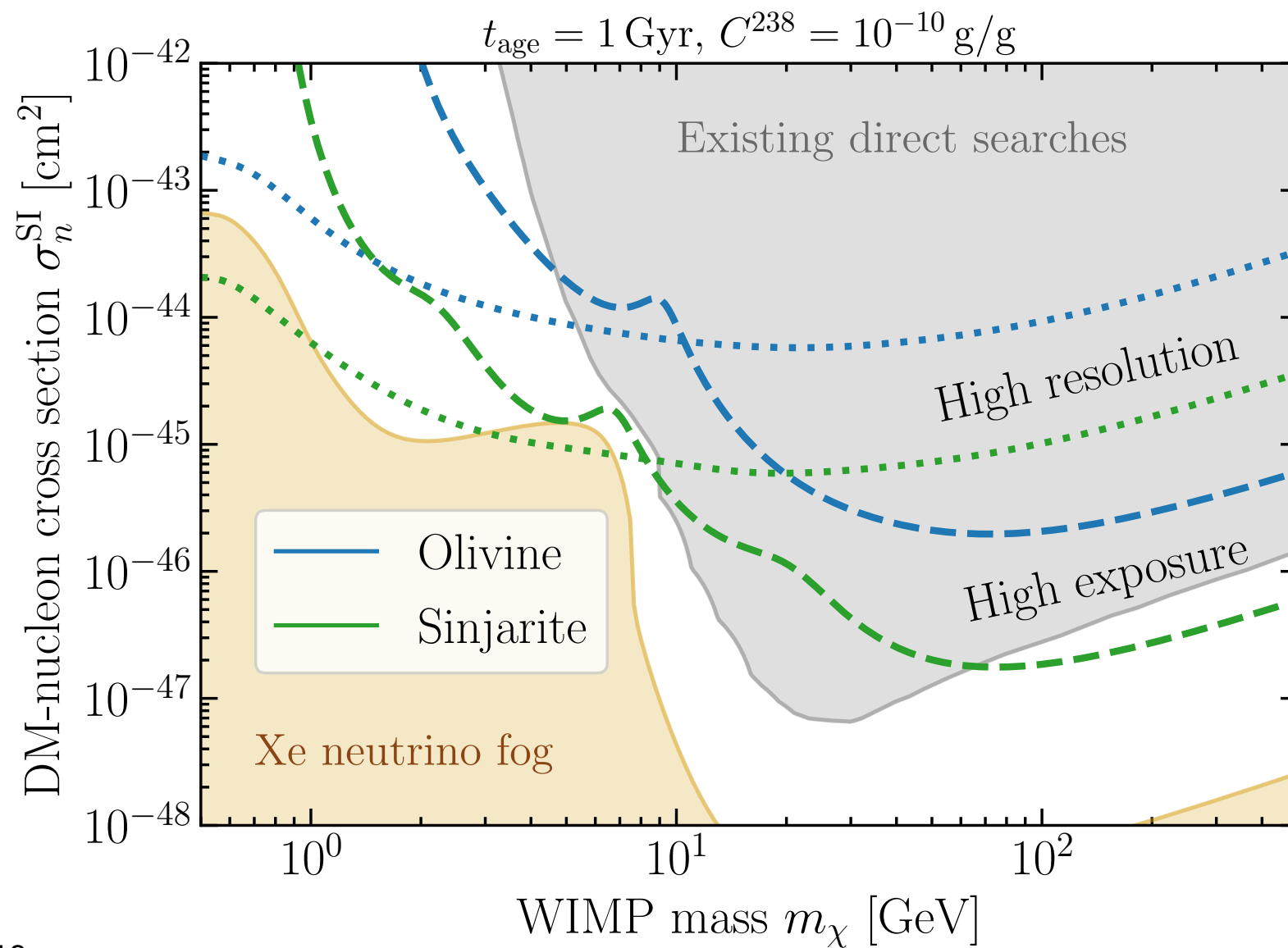
Jožef Stefan Institute

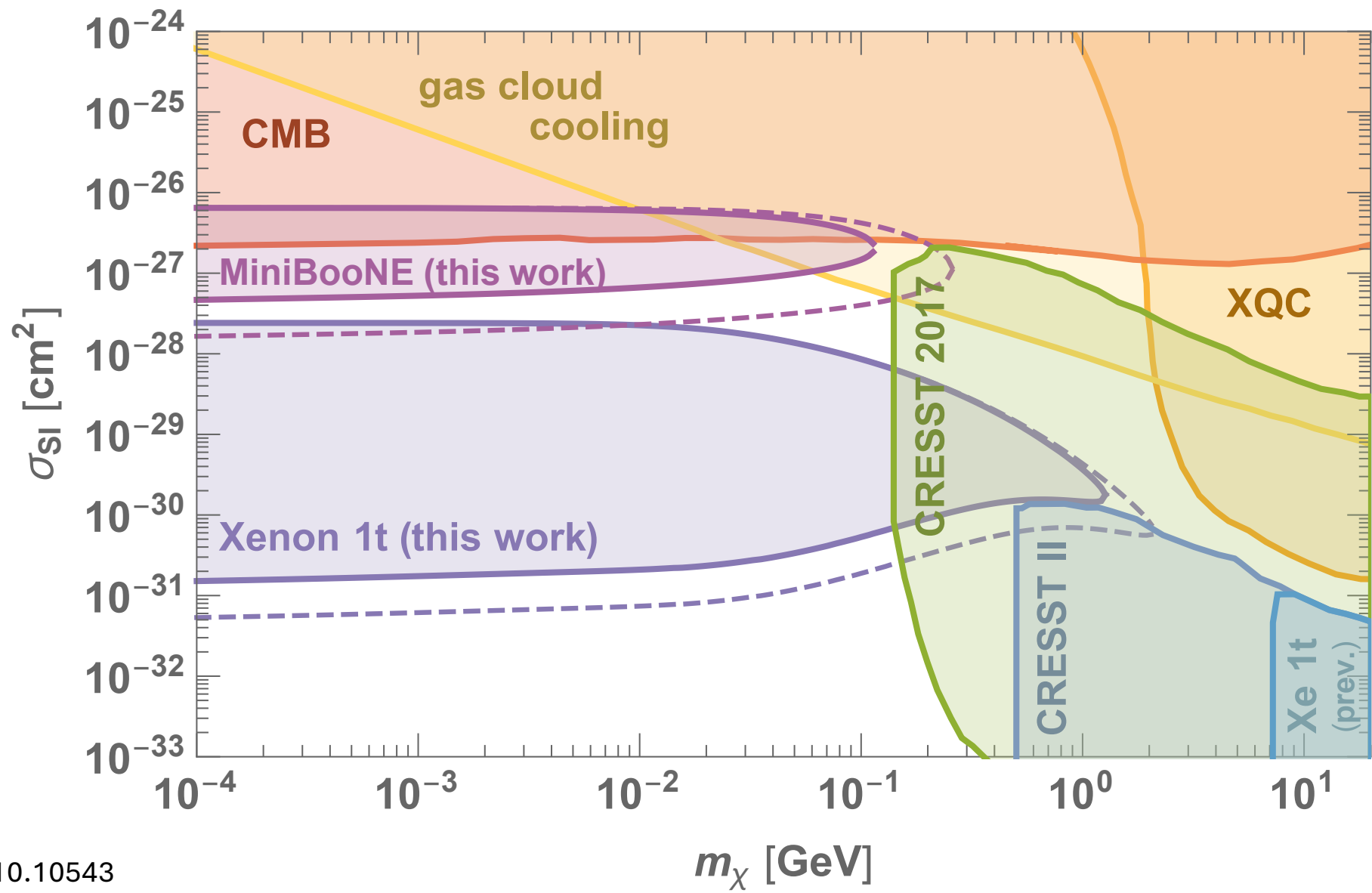
Particle physics applications of mineral detectors



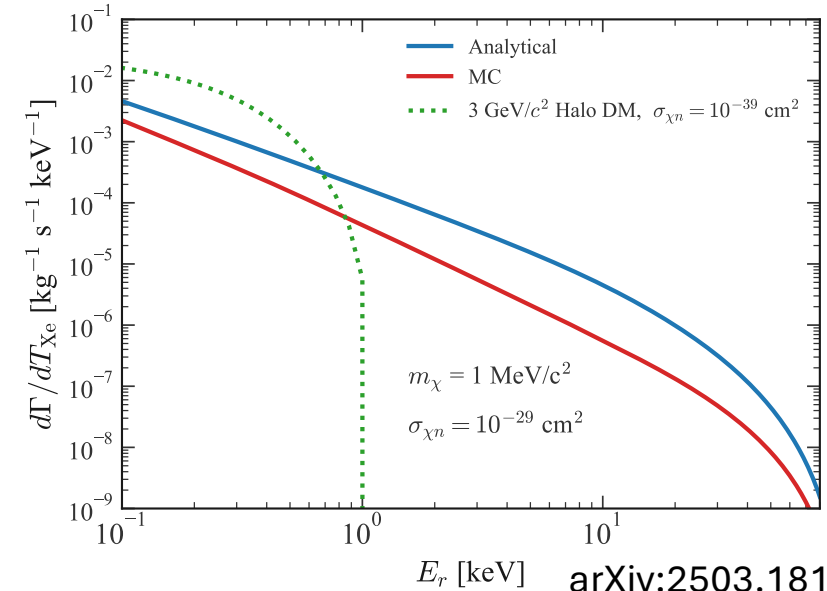
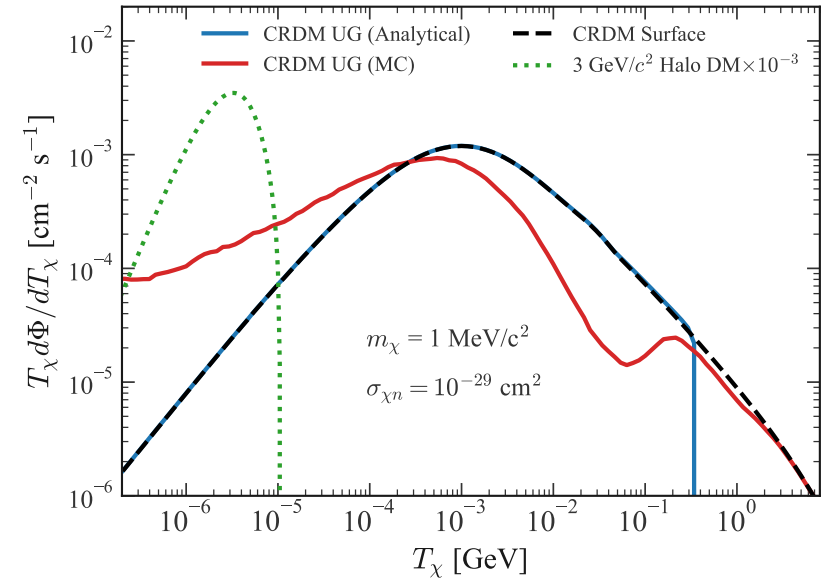
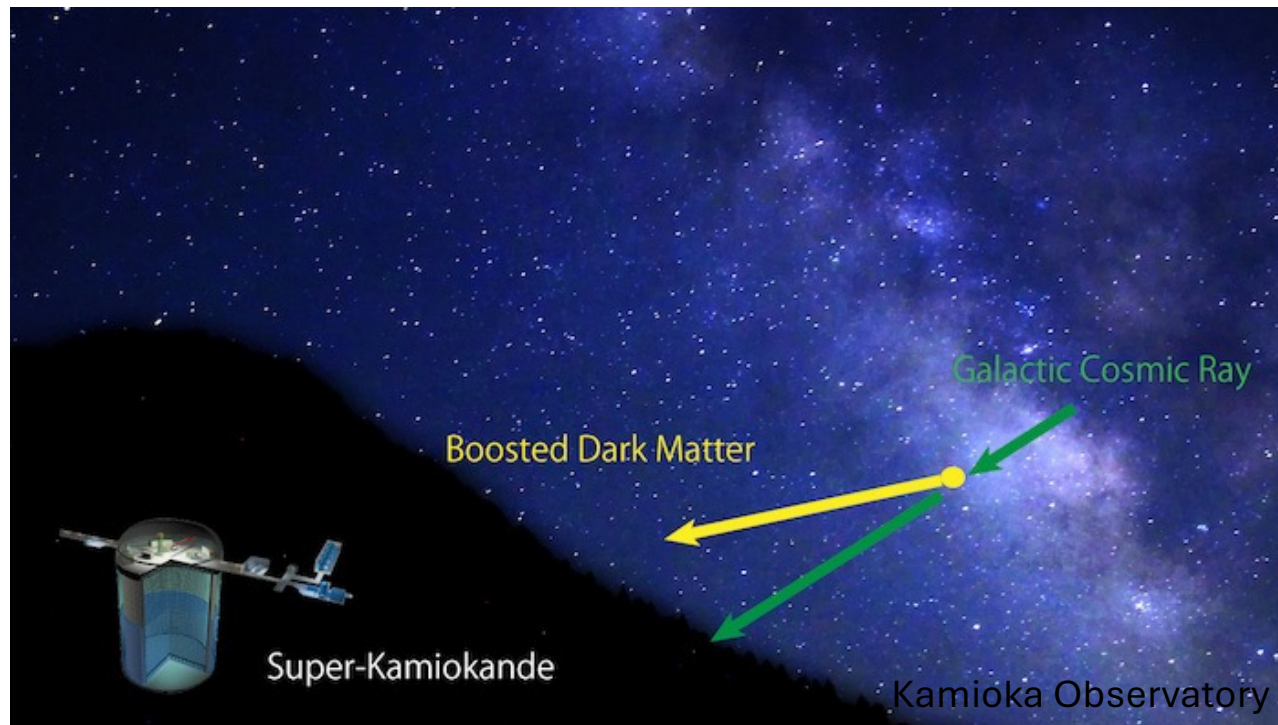
Typically assume ‘canonical’ particle interactions

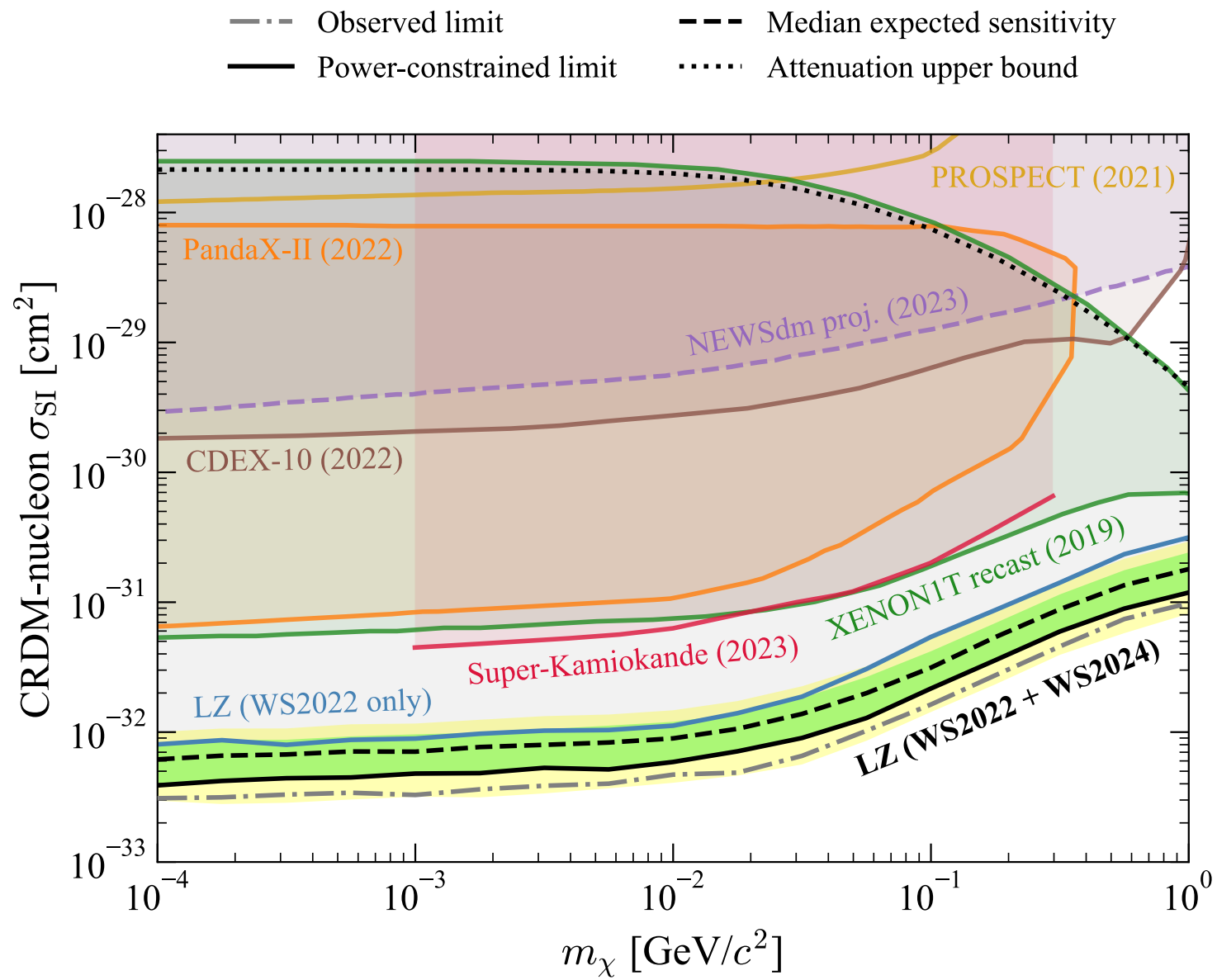




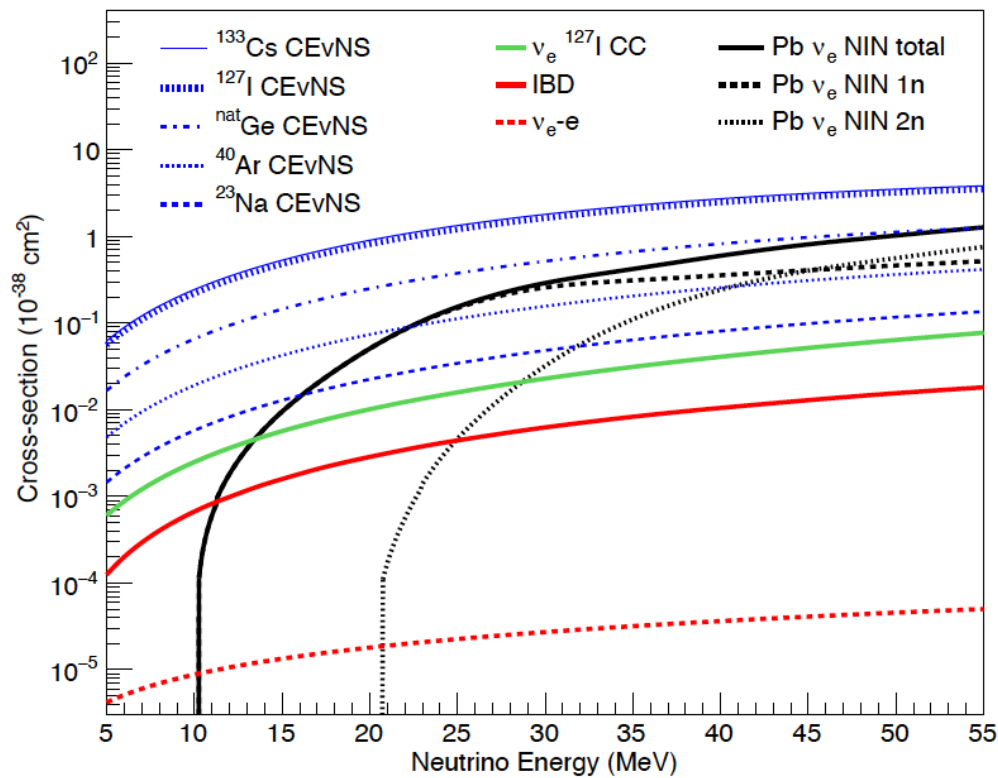


Cosmic ray boosting of (light) DM in the halo

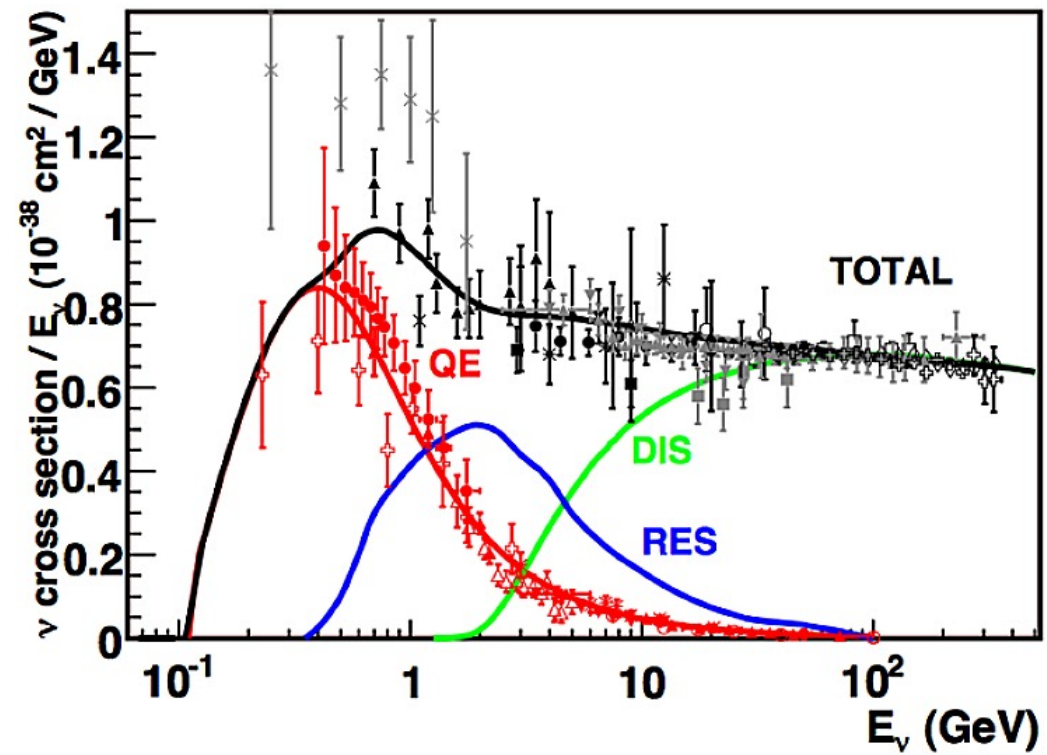




Inelastic neutrino interactions at high energies

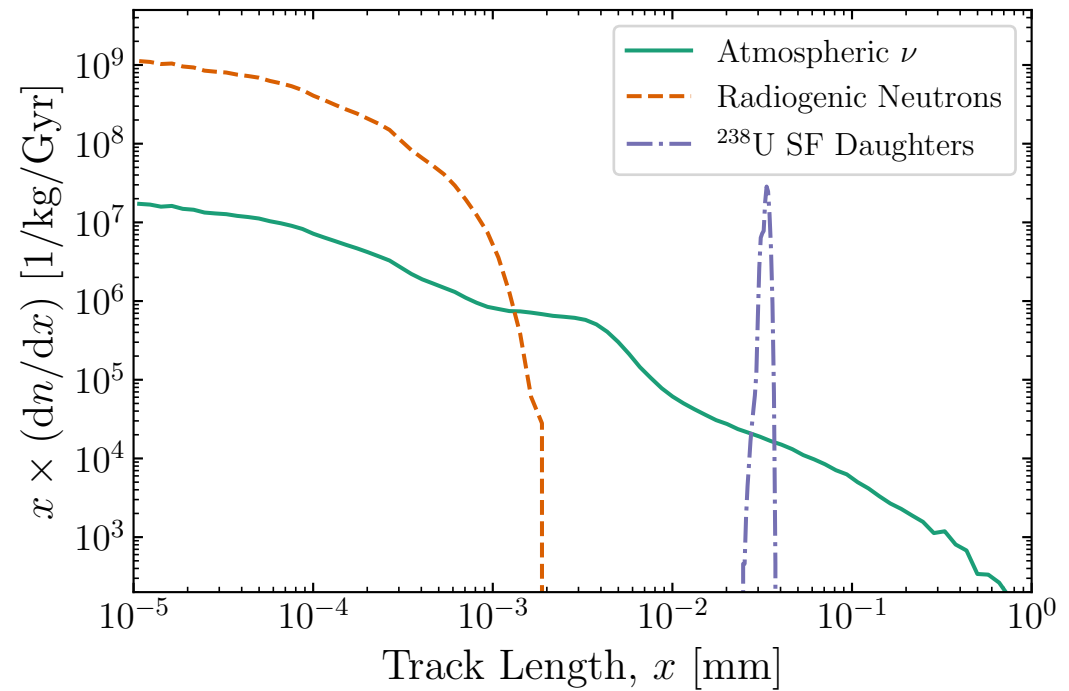
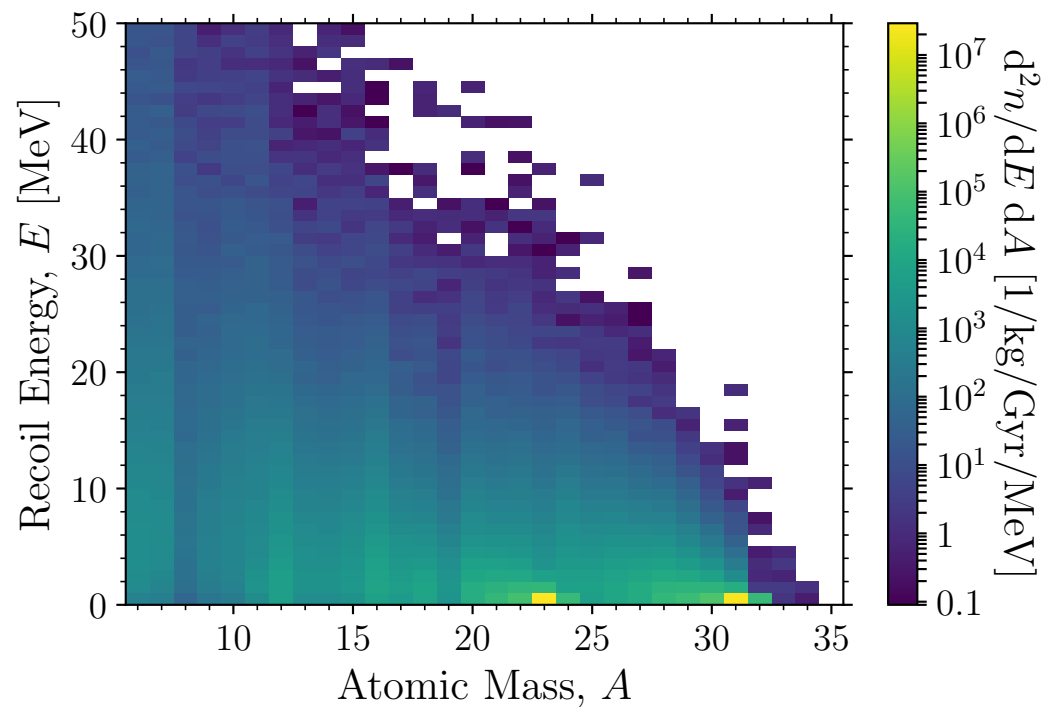


arXiv:1803.09183



arXiv:1305.7513

Atmospheric neutrino interactions primarily inelastic



Inelastic cosmic ray dark matter interactions

