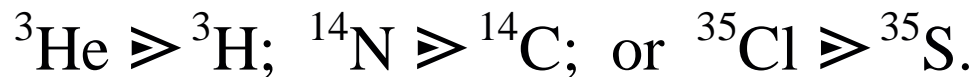


How to Test for Low Energy anti-Neutrinos ($E_\nu < 0.782$ MeV) coming from the Sun

Look for inverse β -decay induced by low-energy ν_{anti} coming from the Sun, e.g.,



The latter reaction in the Homestake Mine [11] might produce measurable levels of ${}^{35}\text{S}$ with an 87-day half-life. Alternatively, this might be extracted from underground deposits of salt (NaCl) and detected by counting or by AMS (Accelerator Mass Spectrometry).