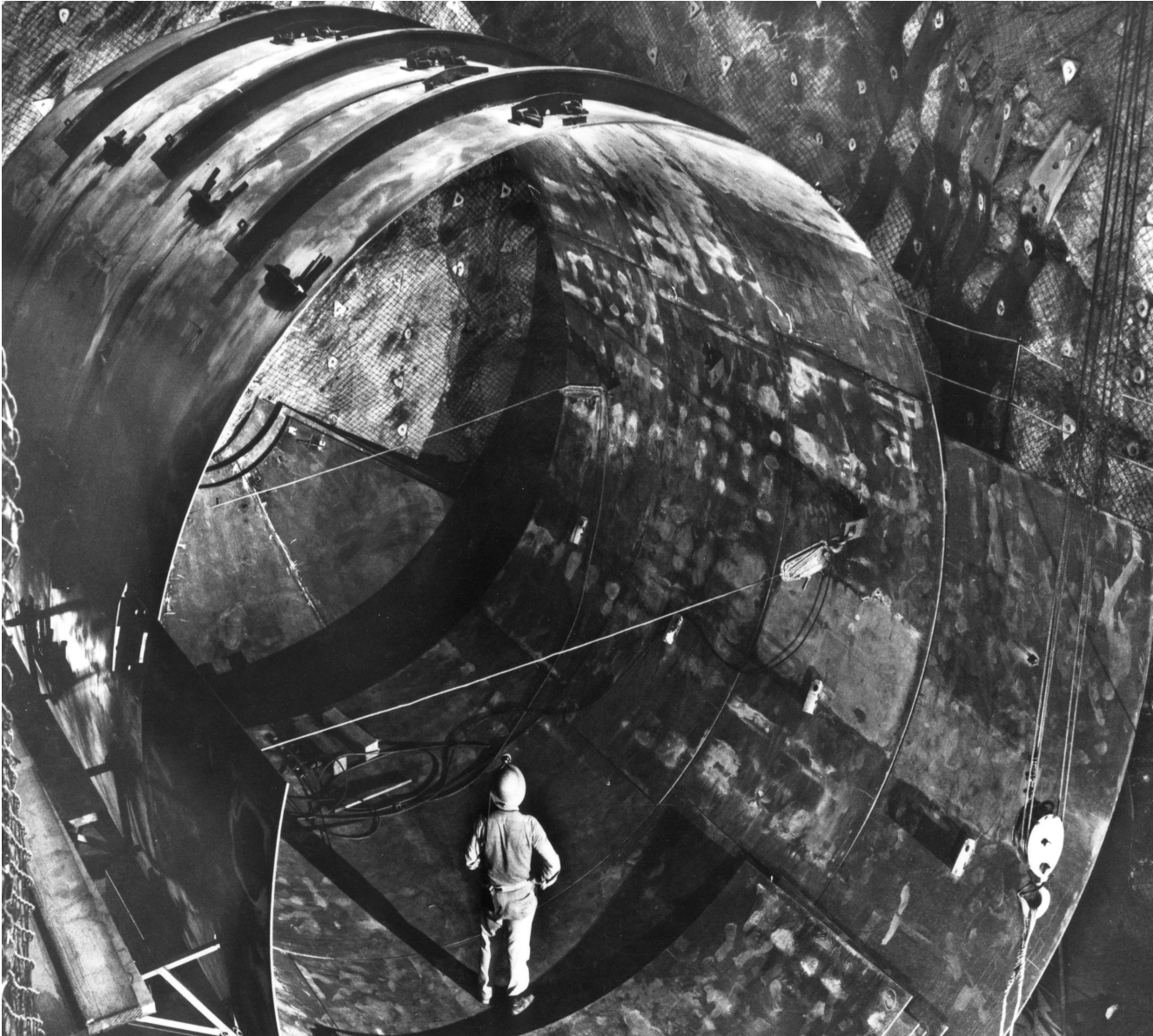


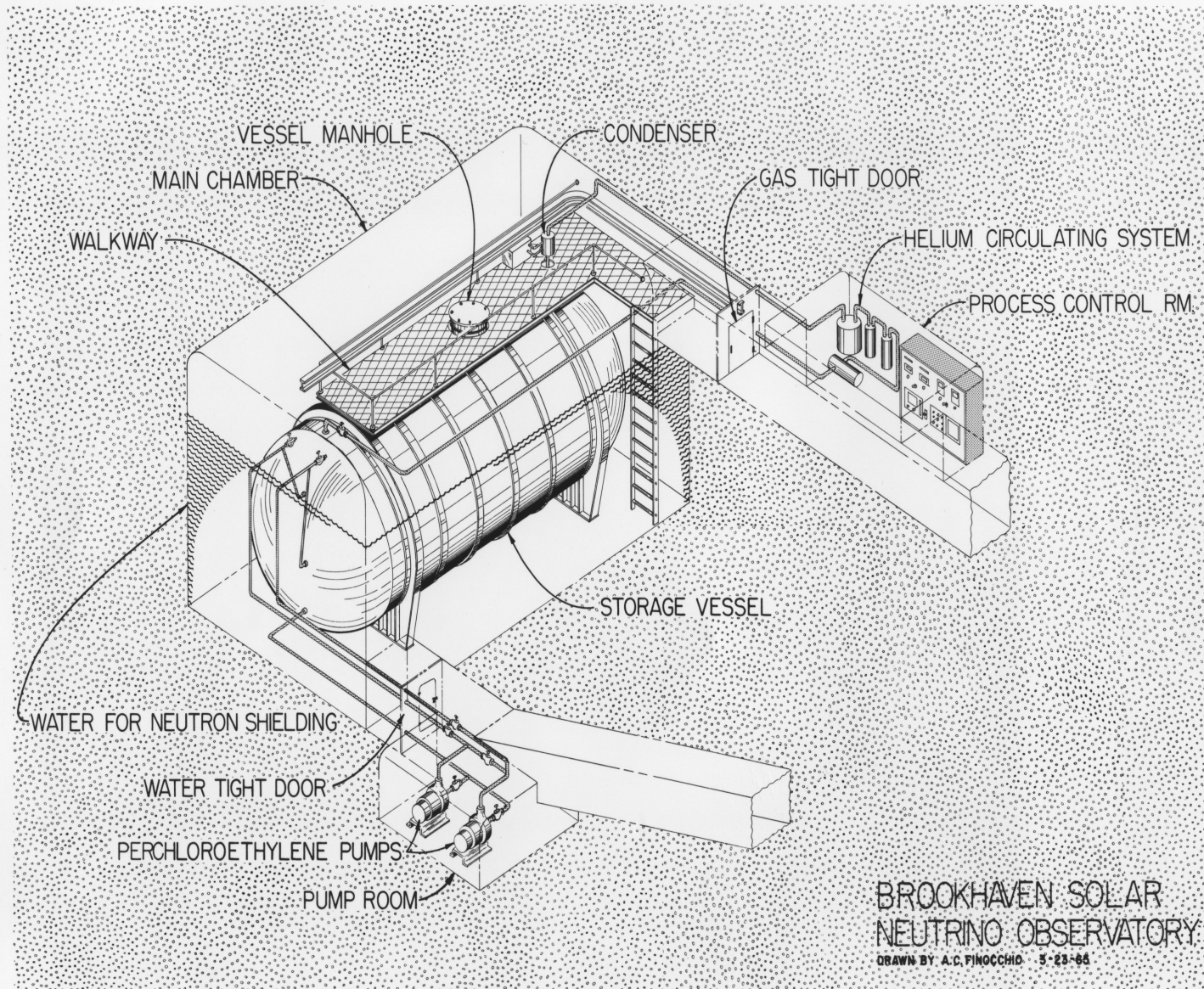
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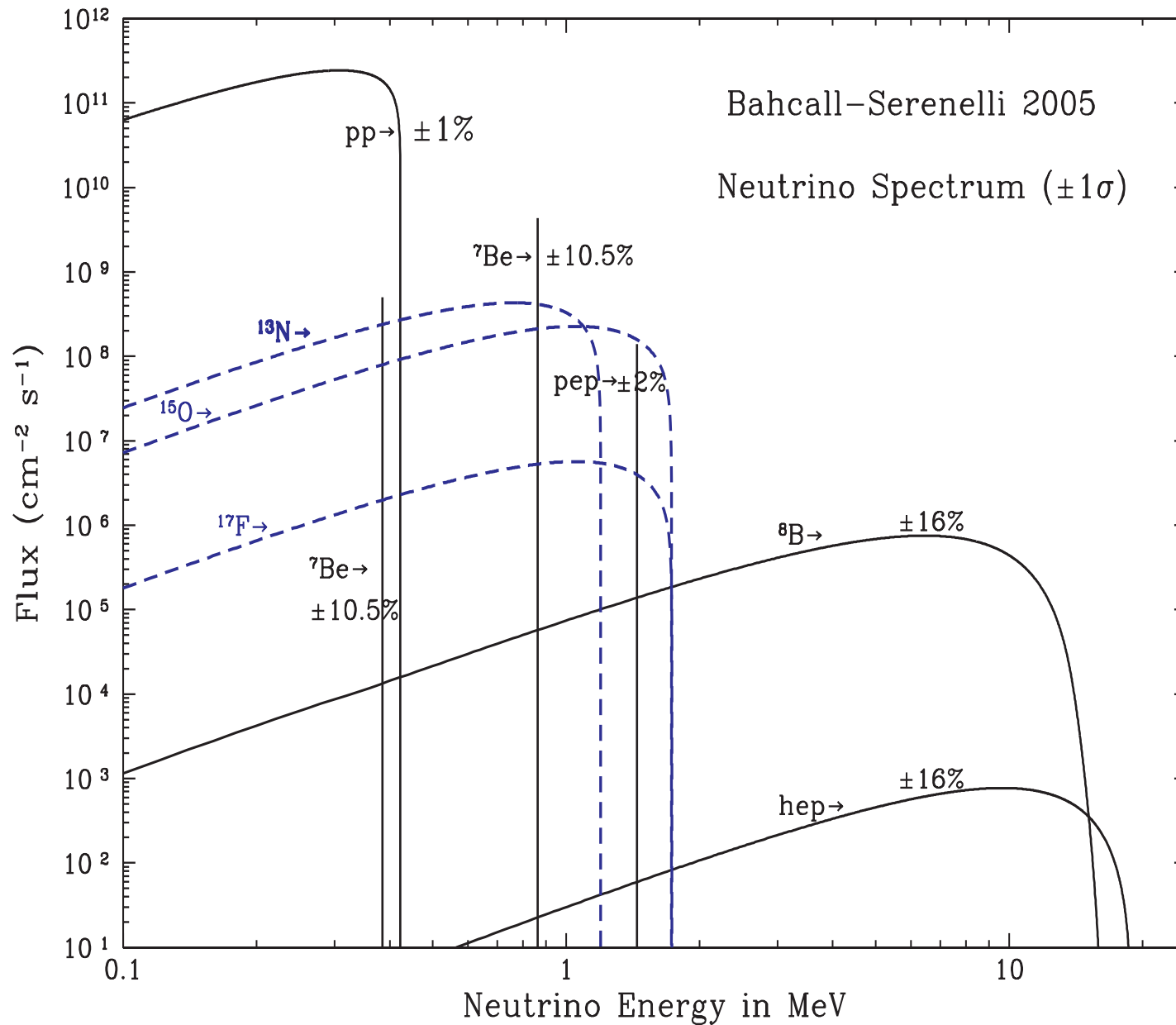
Davis Tank – Near Deadwood



Davis Experiment



Solar Neutrino Flux



The Search Plot

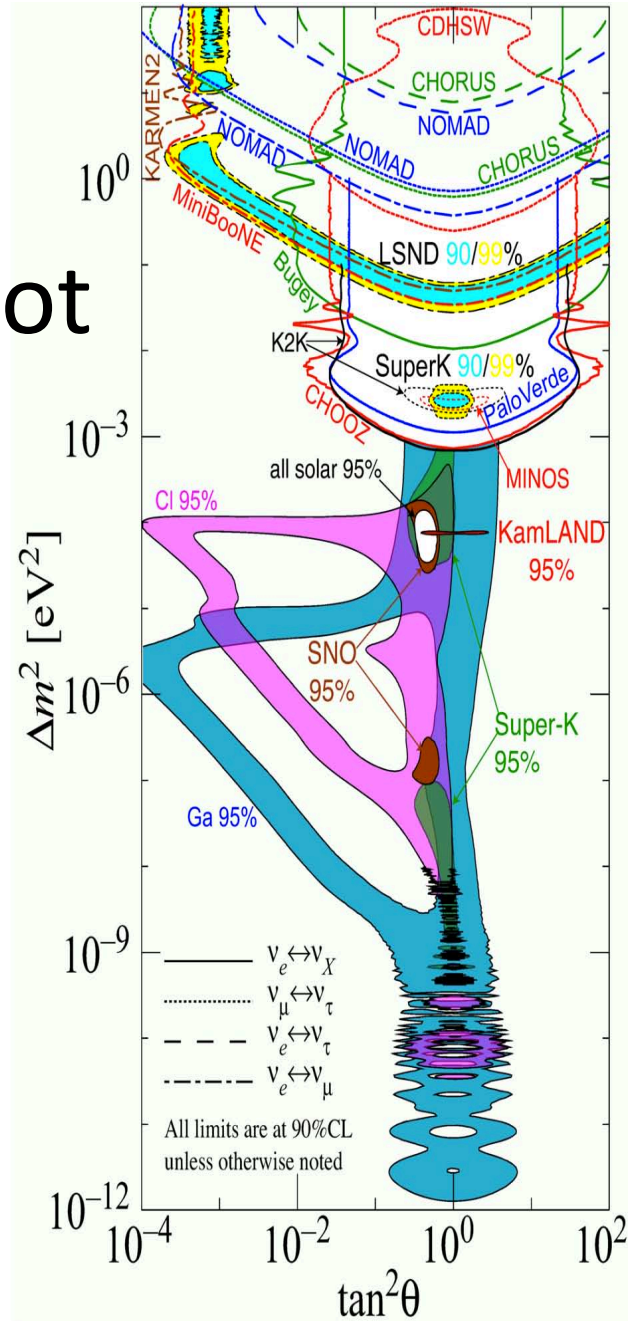


Figure 13.4: The regions of squared-mass splitting and mixing angle favored or excluded by various experiments. This figure was contributed by H. Murayama (University of California, Berkeley). References to the data used in the figure can be found at <http://hitoshi.berkeley.edu/neutrino/>.

Earth-based reactor experiment

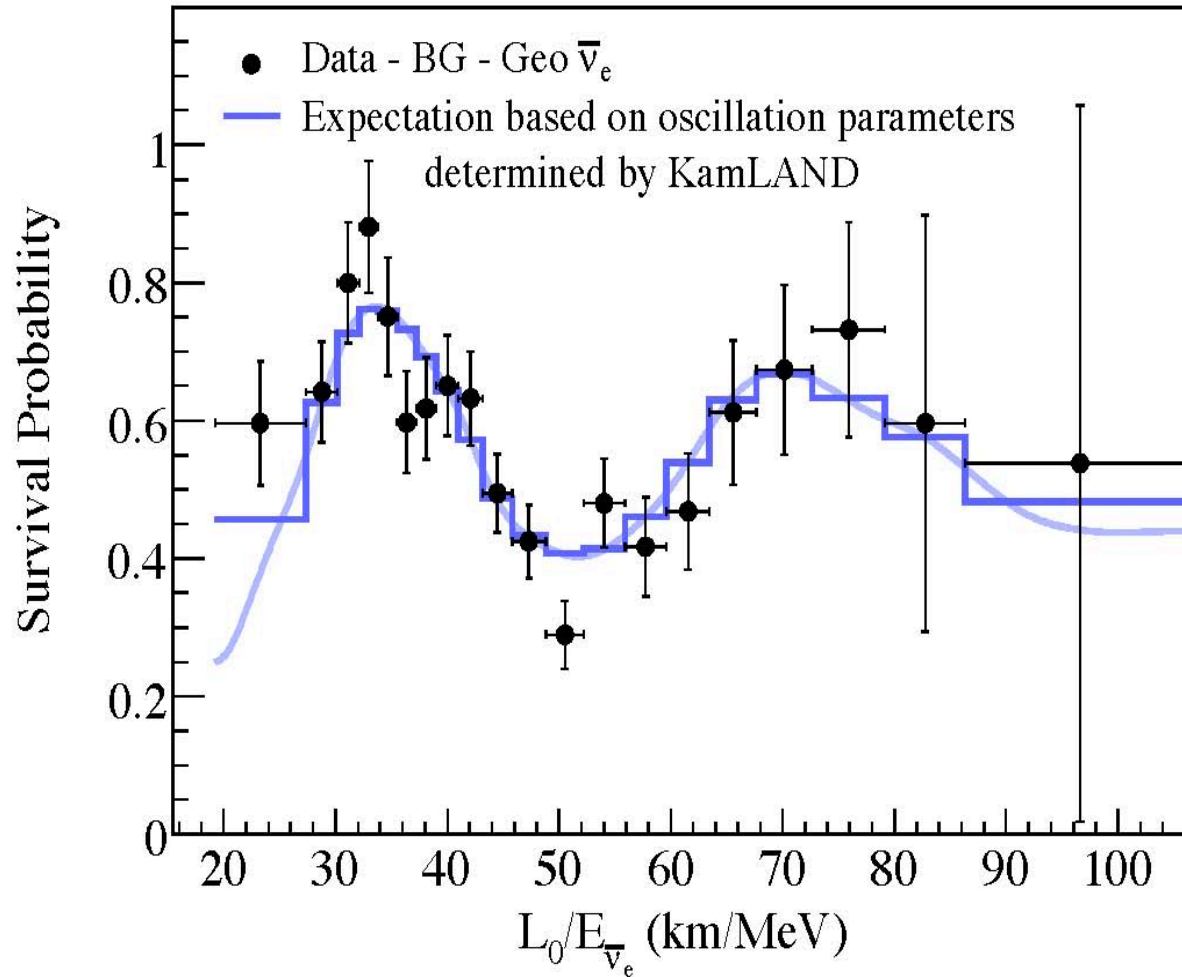
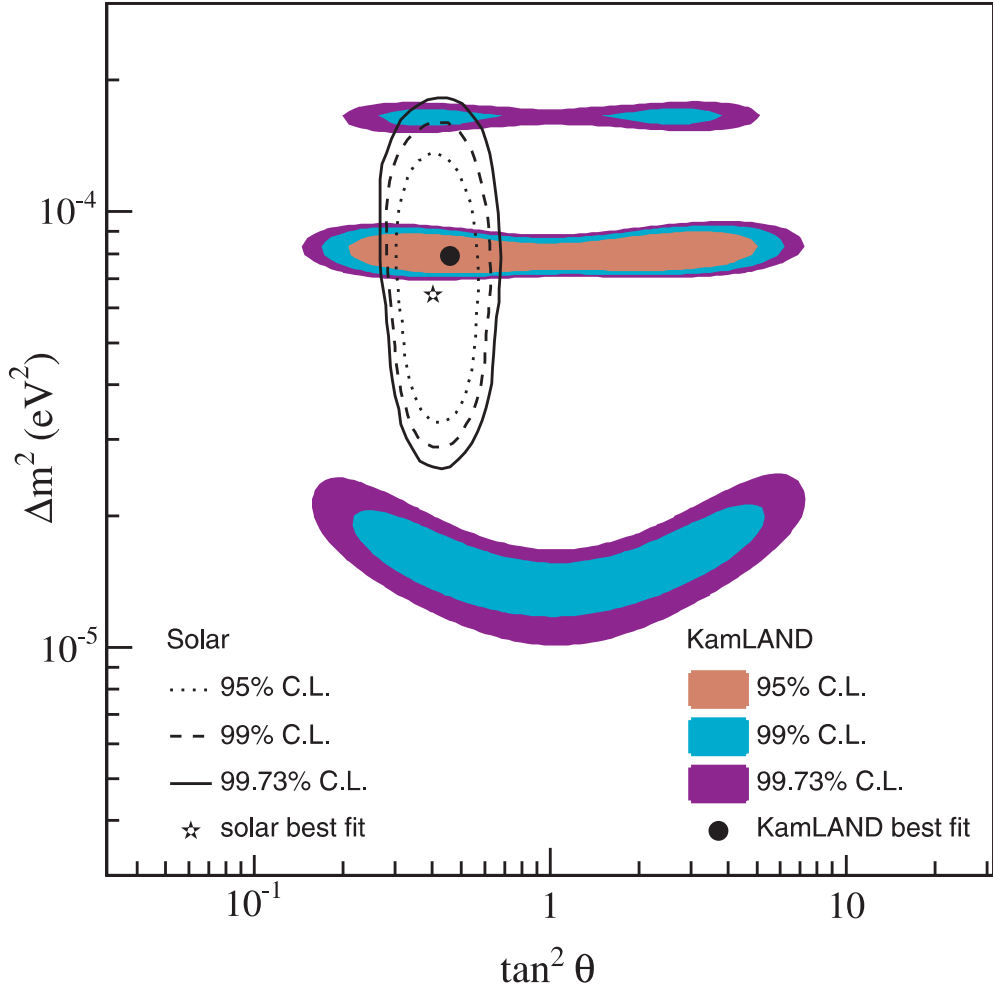


Figure 13.2: Ratio of the background- and geo-neutrino subtracted $\bar{\nu}_e$ spectrum to the no-oscillation expectation as a function of L_0/E [28]. See text for explanation.

Solar/KAMLAND



Atmospheric...

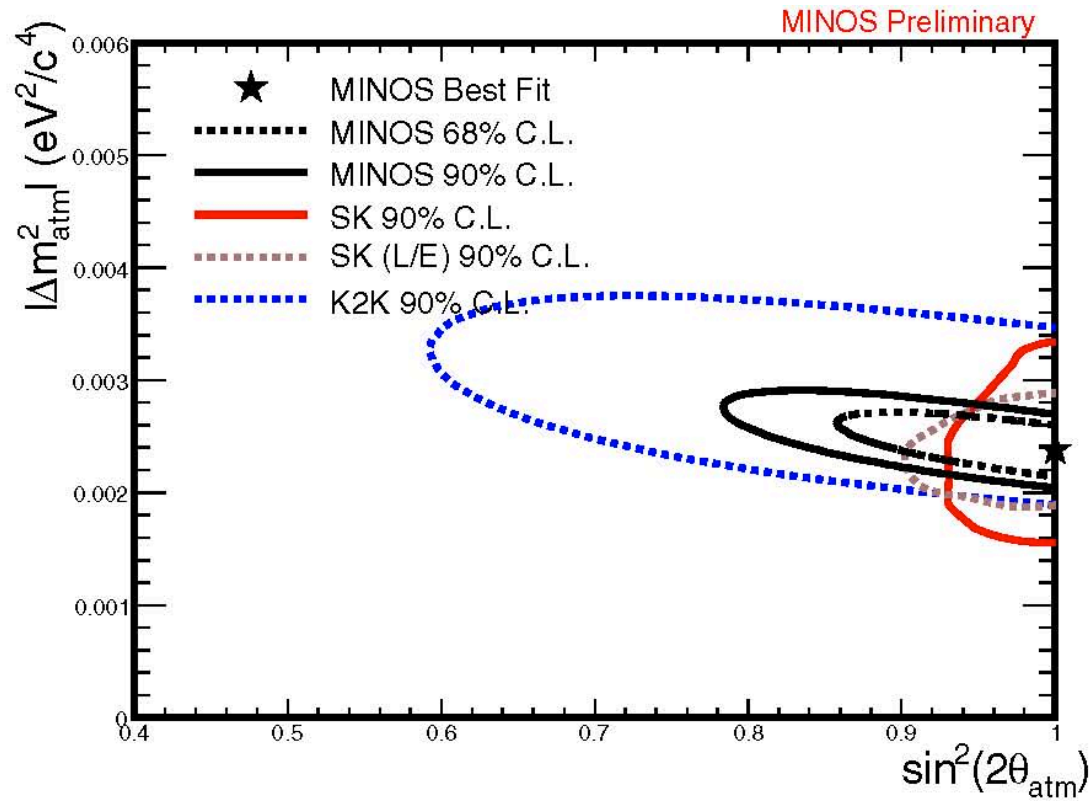


Figure 13.1: The region of the atmospheric oscillation parameters Δm_{atm}^2 and $\sin^2 2\theta_{\text{atm}}$ allowed by the SK, K2K, and MINOS data. The results of two different analyses of the SK (“Super K”) data are shown [21].