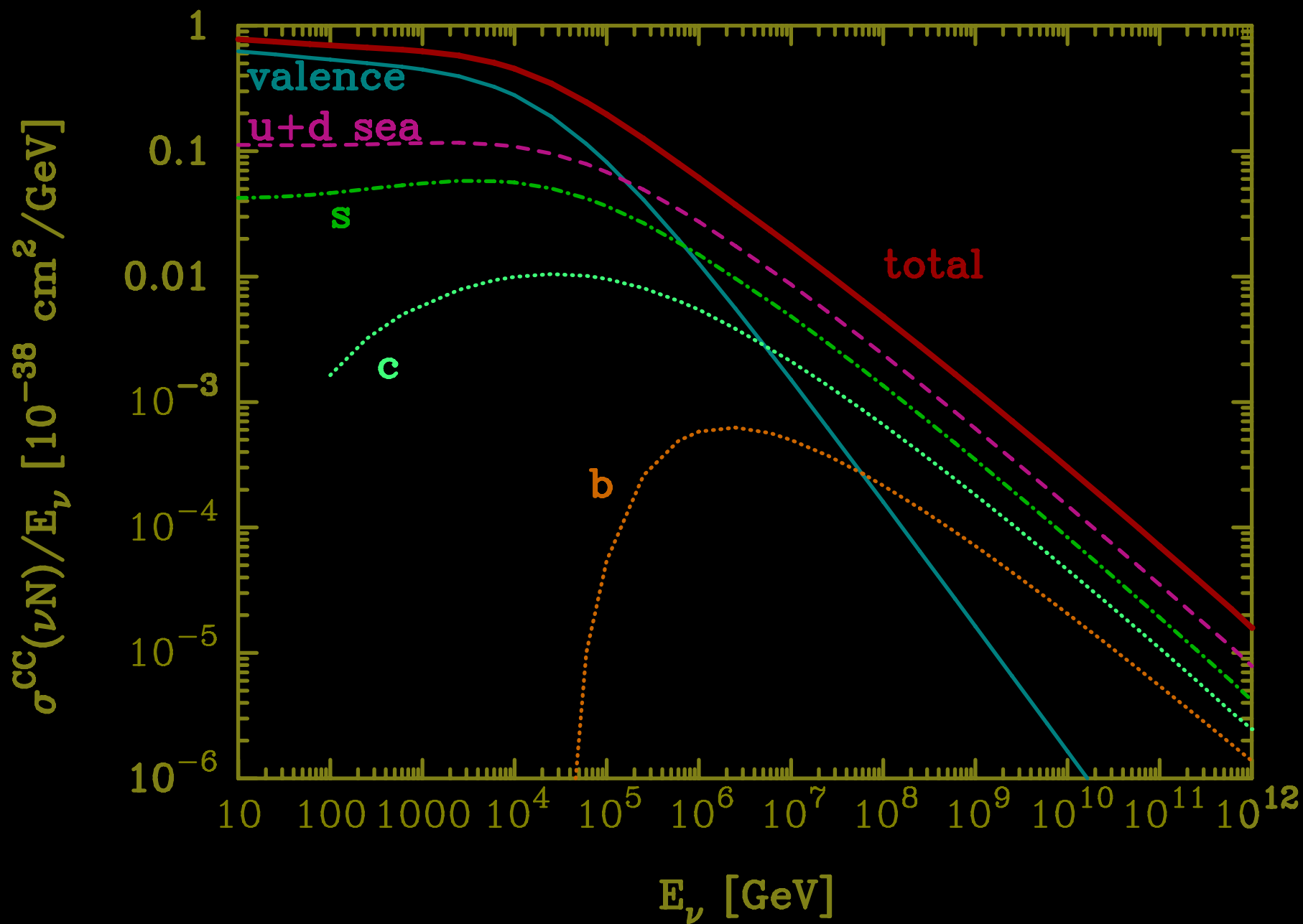


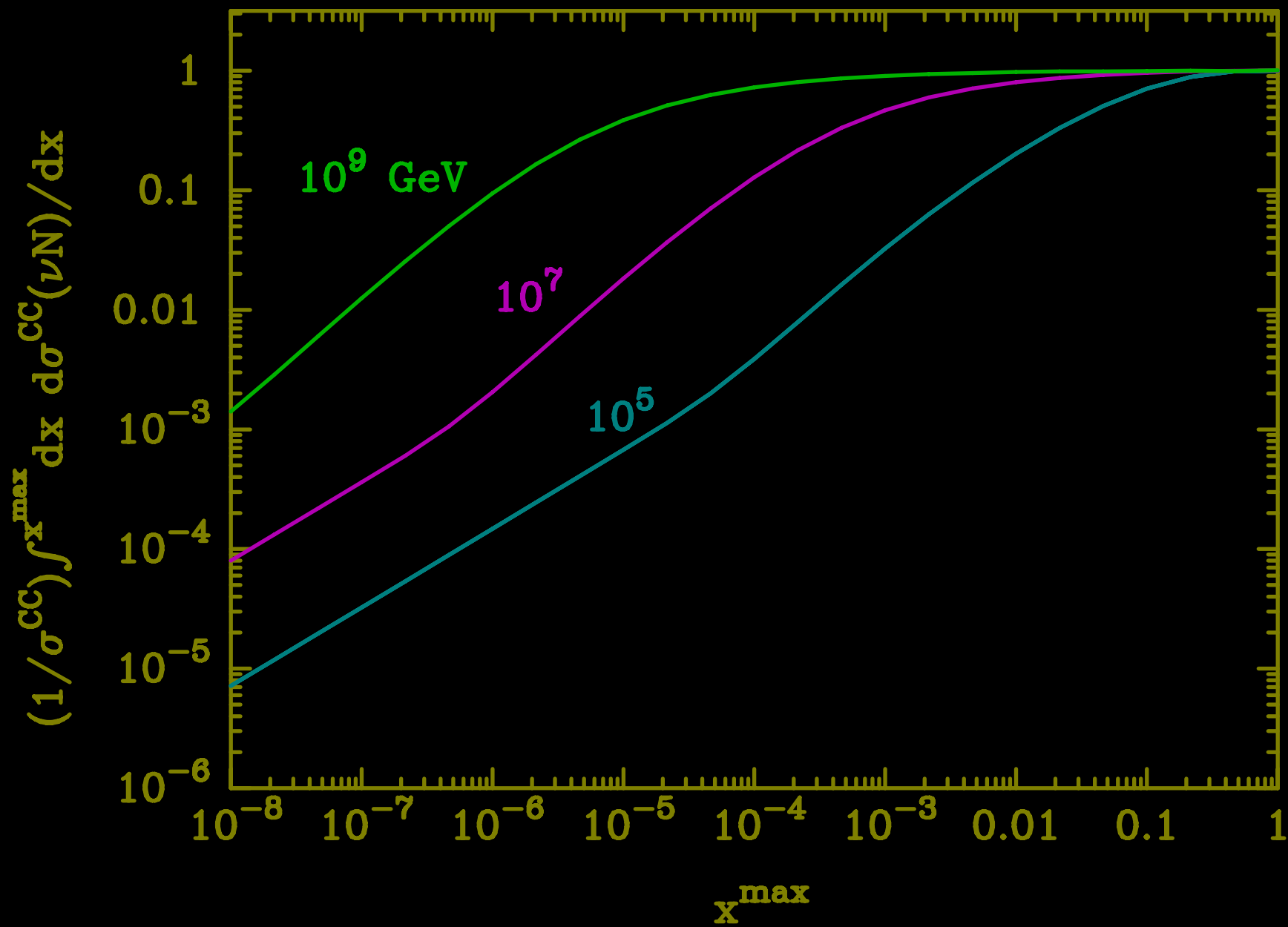
Neutrino Observatory Characterizations
of Cosmic Sources and Neutrino Properties

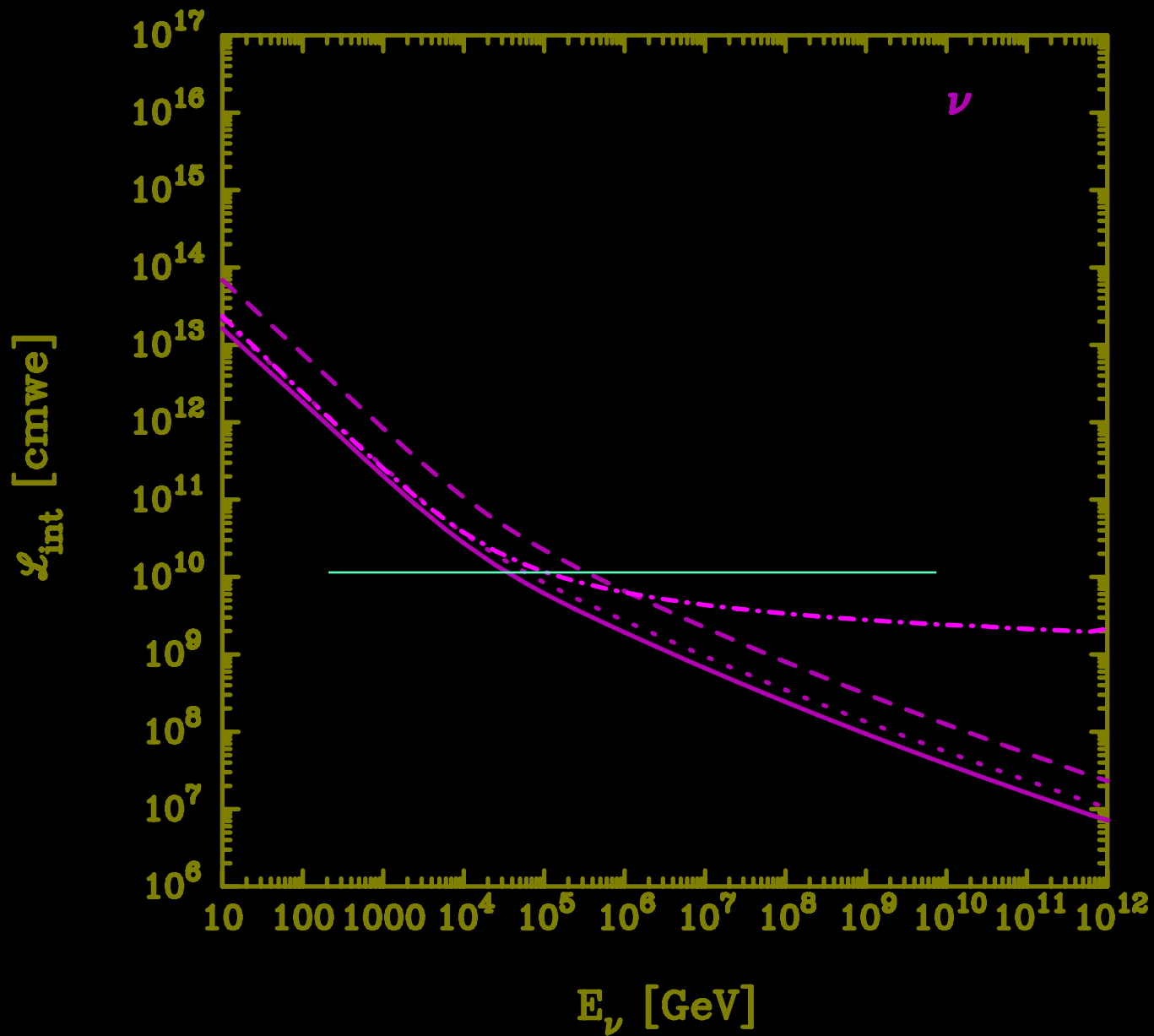
Chris Quigg
KITP & Fermilab

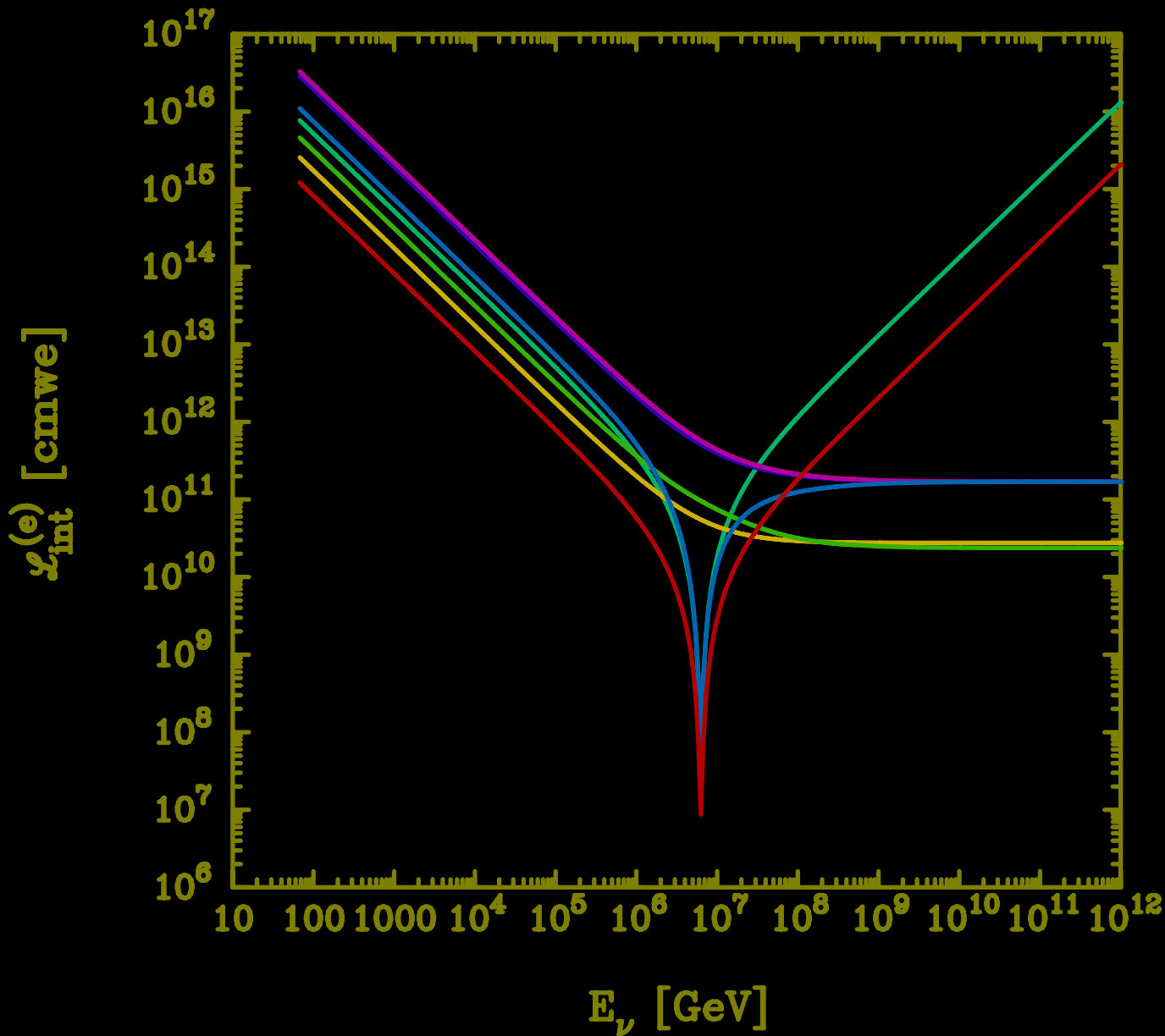
January 30, 2003

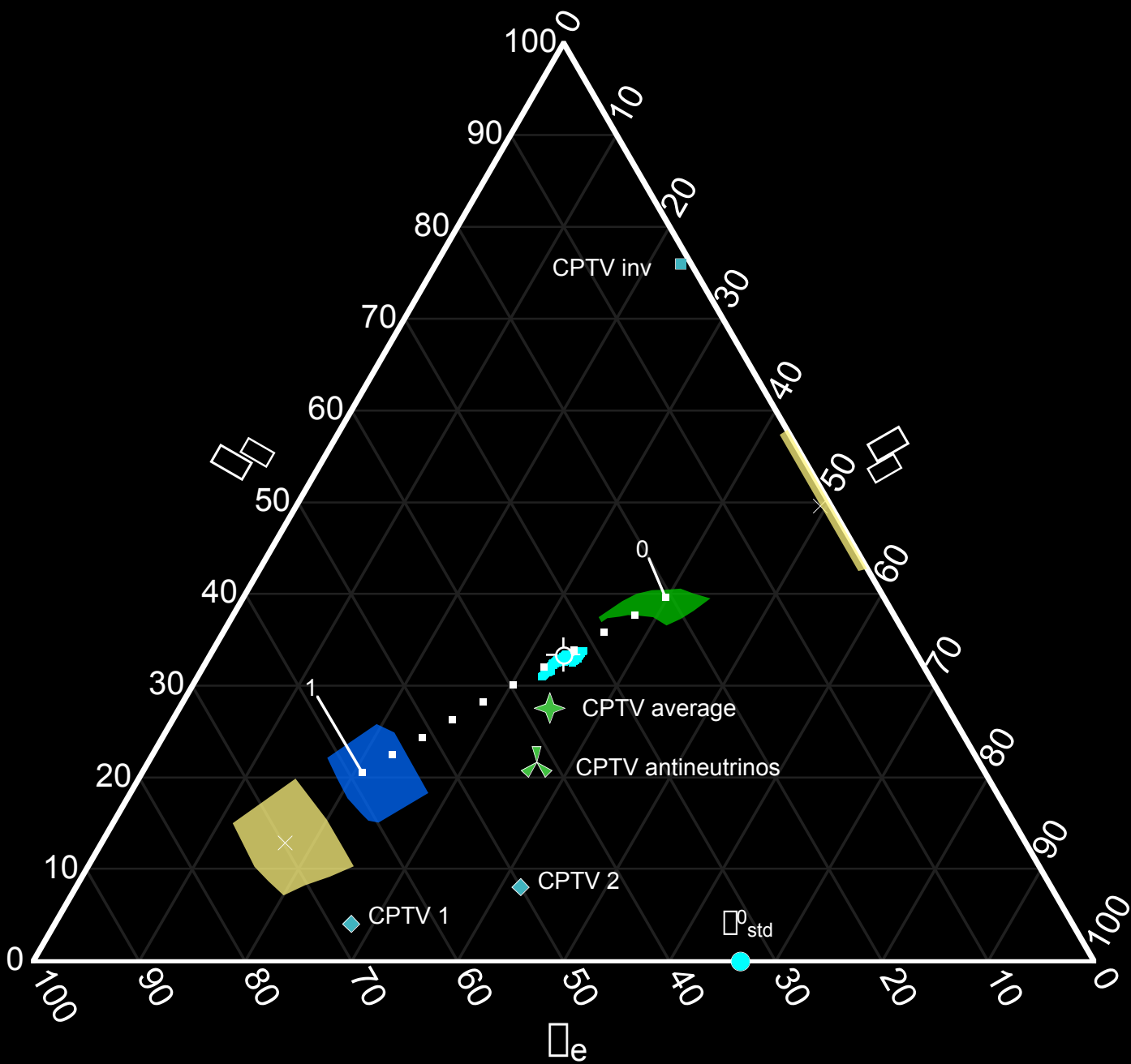
Neutrinos: Data, Cosmos, and Planck Scale

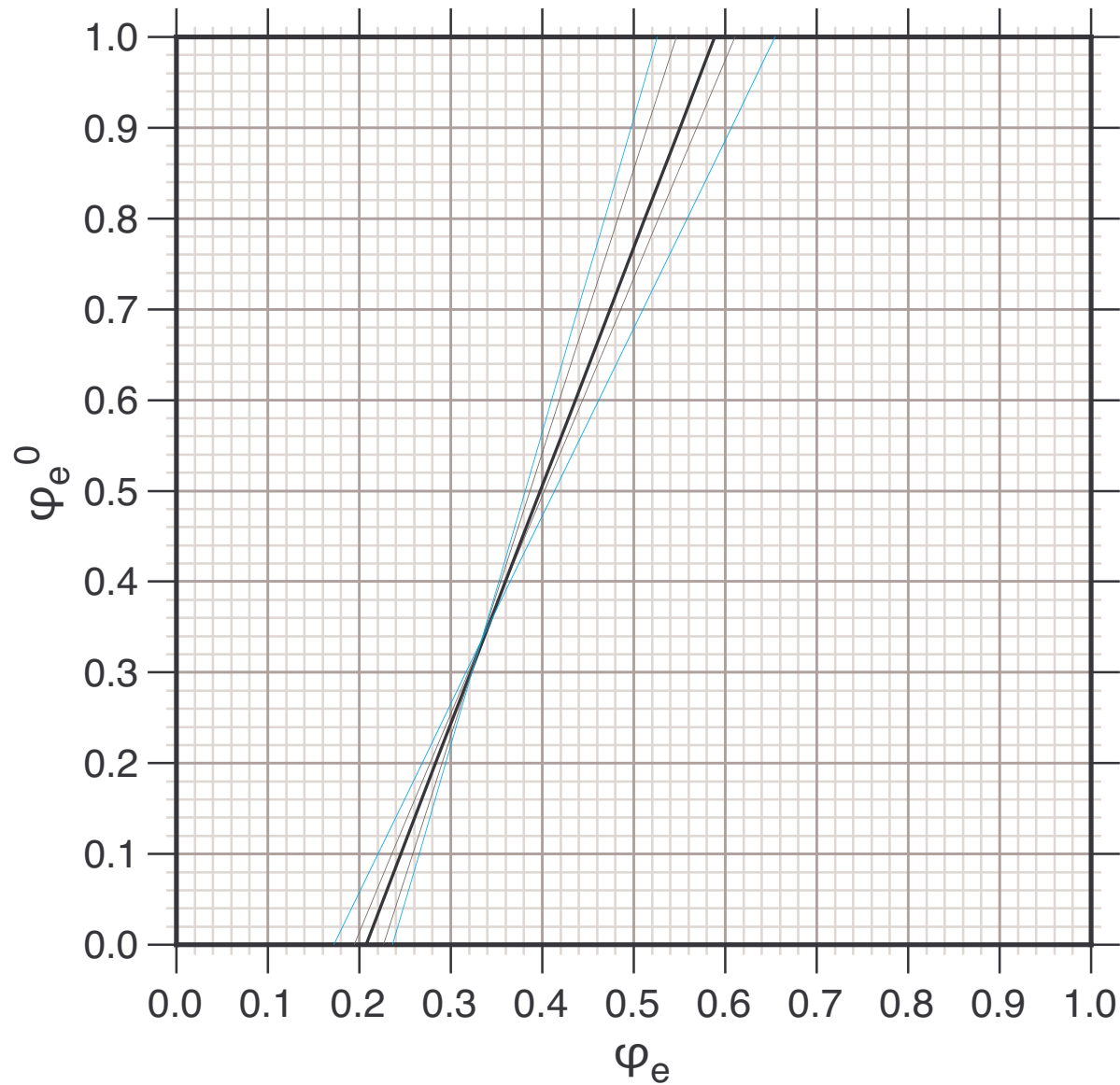


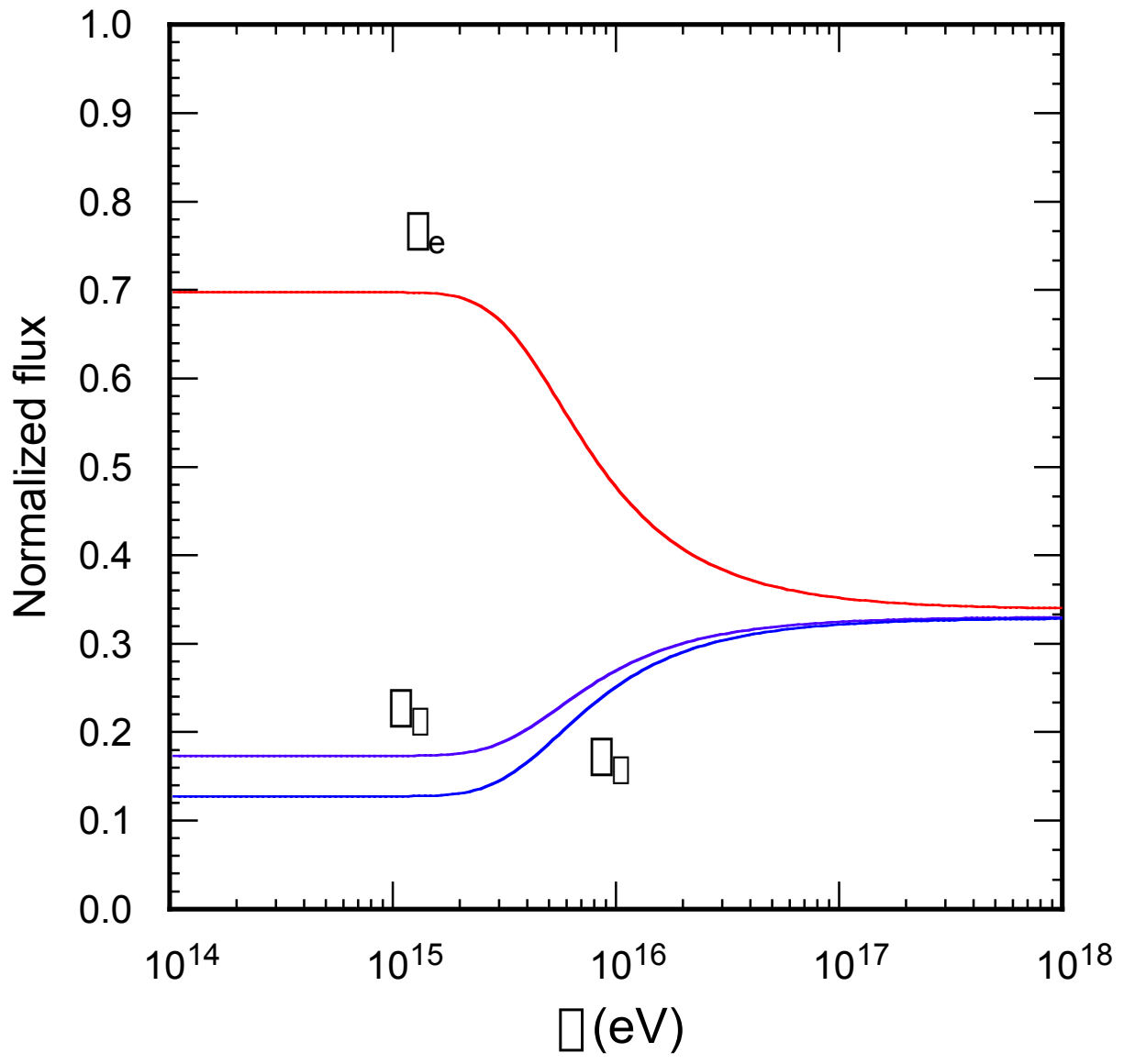


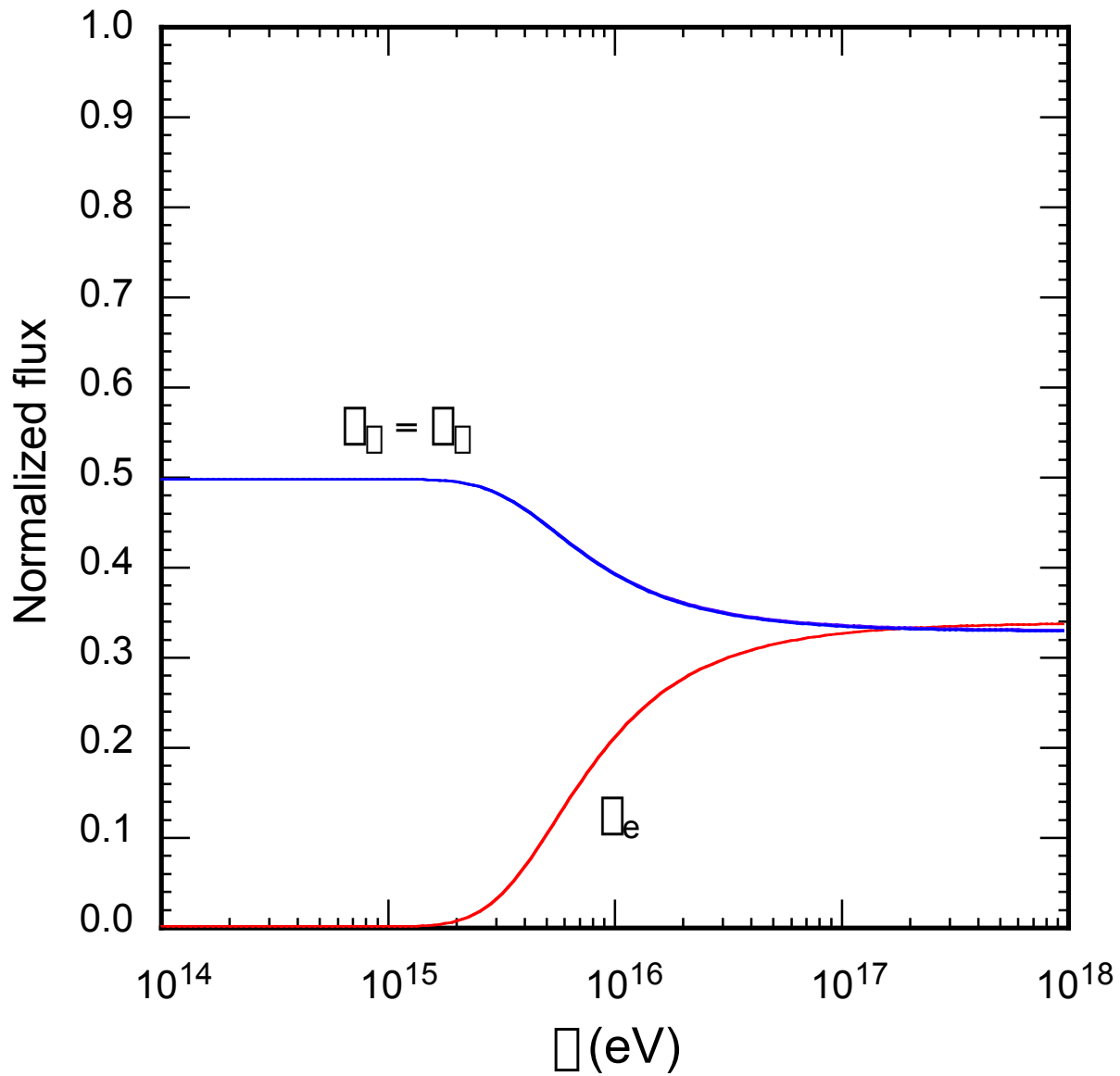


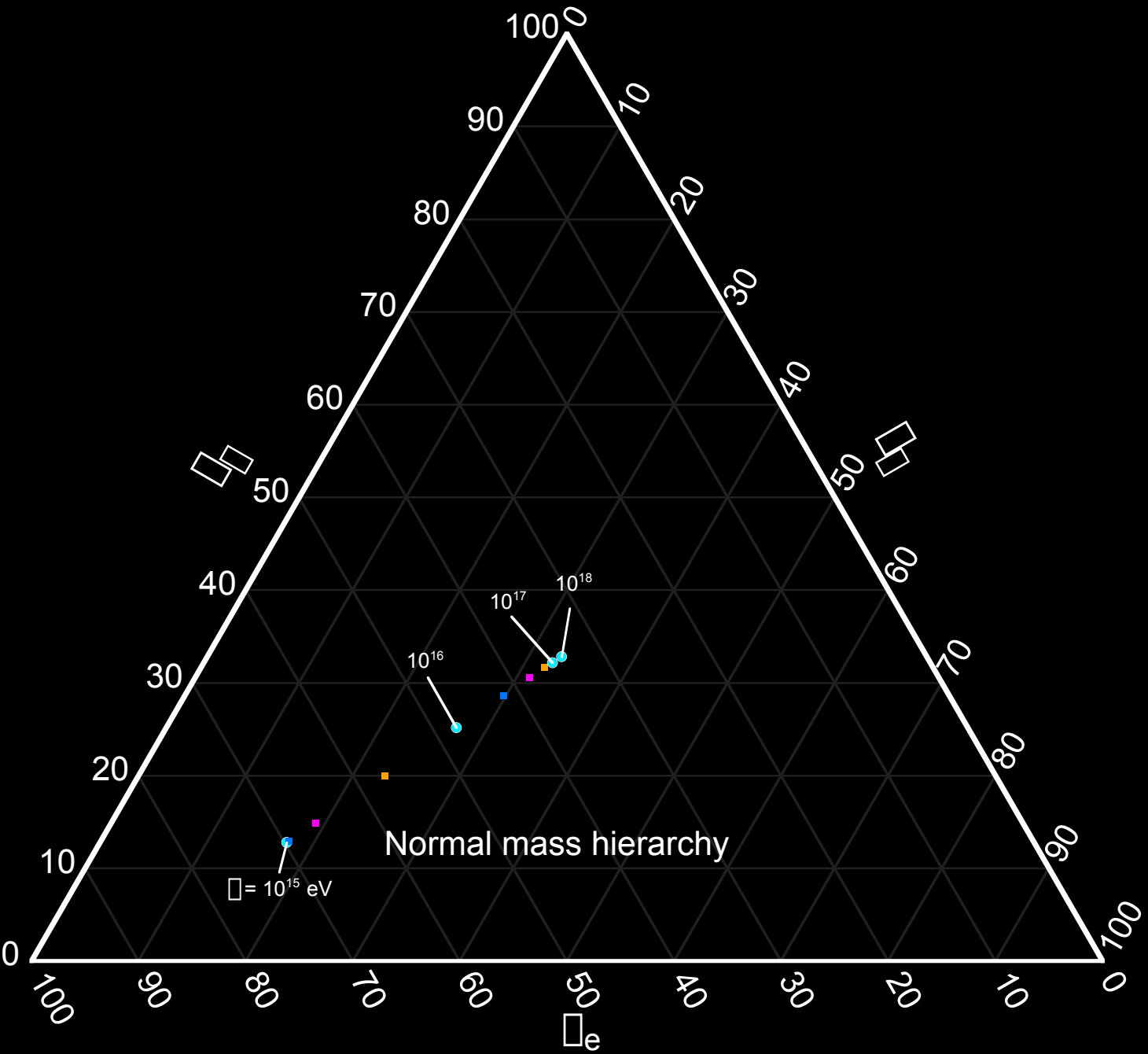


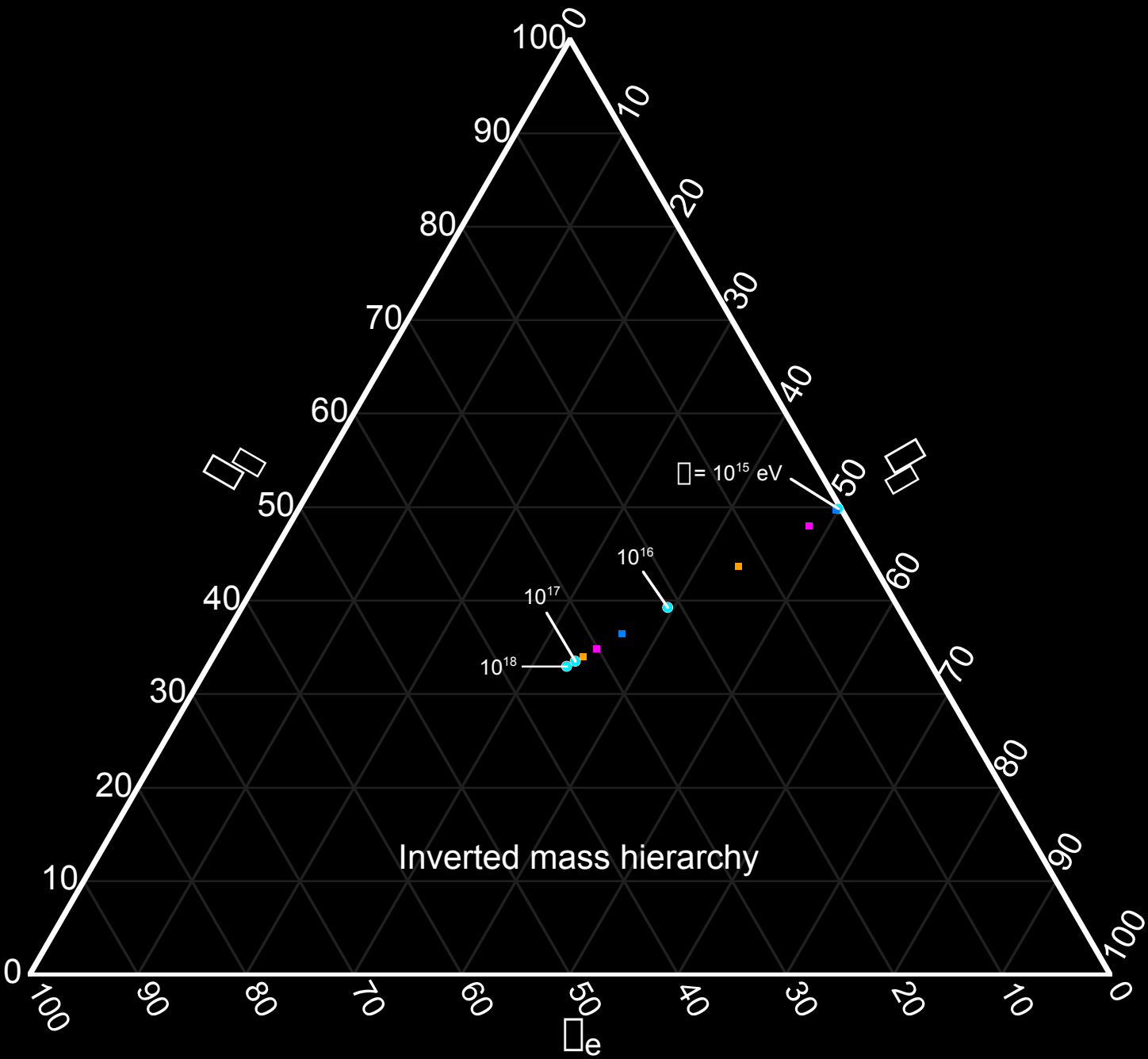












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