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Some cosmological implications of MiniBoone

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If interpreted as hint of new neutrino states and/or interactions, MiniBoone data might allow for a cosmological cross-check via helium abundance, CMB, and LSS data. I will review the main physical motivations behind the statement above, and discuss some forthcoming observational prospects. Likely, cosmological probes and to some extent direct mass measurements might offer a key test of most popular new physics scenarios invoked to explain the “anomalies”.

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