

Several BBN Constraints on Beyond Standard Model Physics

Daniela Kirilova ^{1,1} Emanuil Chizhov-b,² and Vassillen Chizhov-c³

¹*Institute of Astronomy and NAO, Bulgarian Academy of Sciences 1, Sofia, Bulgaria 1*

²*Physical Department, Sofia University2, Sofia, Bulgaria 2*

³*Saarland University 3, Saarbrücken, Germany 3*

We present several Big Bang Nucleosynthesis constraints on nonequilibrium processes in the Early Universe, representing Beyond Standard Model Physics, including neutrino oscillations, processes with considerable lepton asymmetry, with sterile neutrinos, additional interactions, etc.