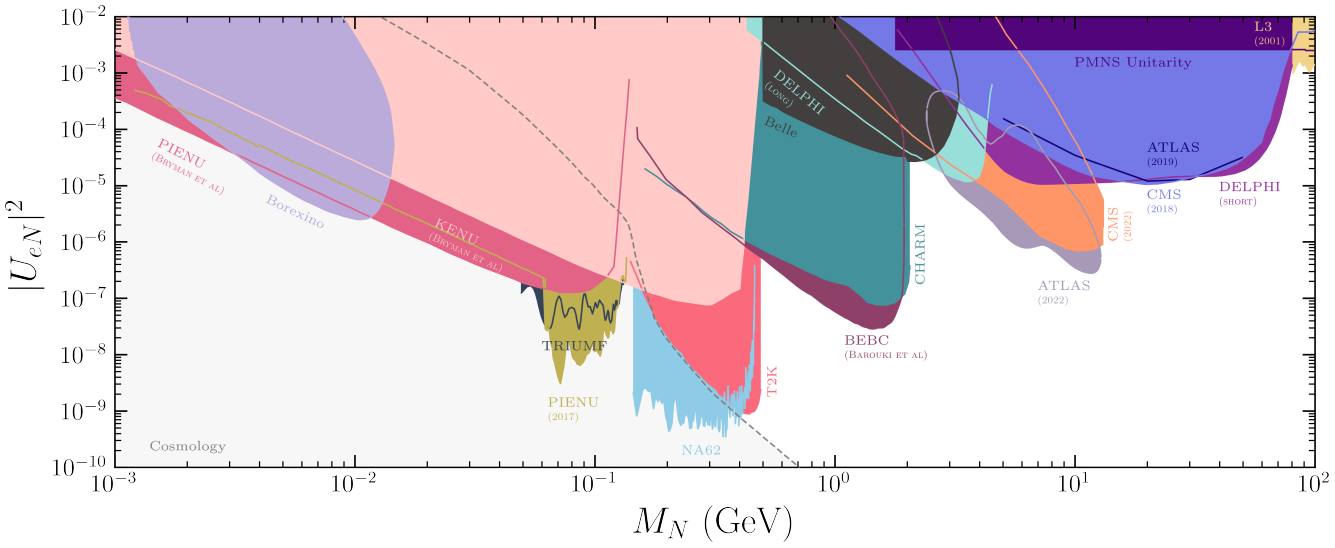

FIG. 1. Constraints on $|U_{eN}|^2$ as a function of the HNL mass m_N. Limits shown: ATLAS (2019) [1], ATLAS (2022) [2], BEBC(Barouki et al) [3], Belle [4], Borexino [5], CHARM [6], CMS (2018) [7], CMS (2022) [8], Cosmology [9], DELPHI (long) [10], DELPHI (short) [10], KENU (Bryman et al) [11], L3 (2001) [12], NA62 [13], PIENU (2017) [14], PIENU (Bryman et al) [11], PMNS Unitarity [15], T2K [16], TRIUMF [17].

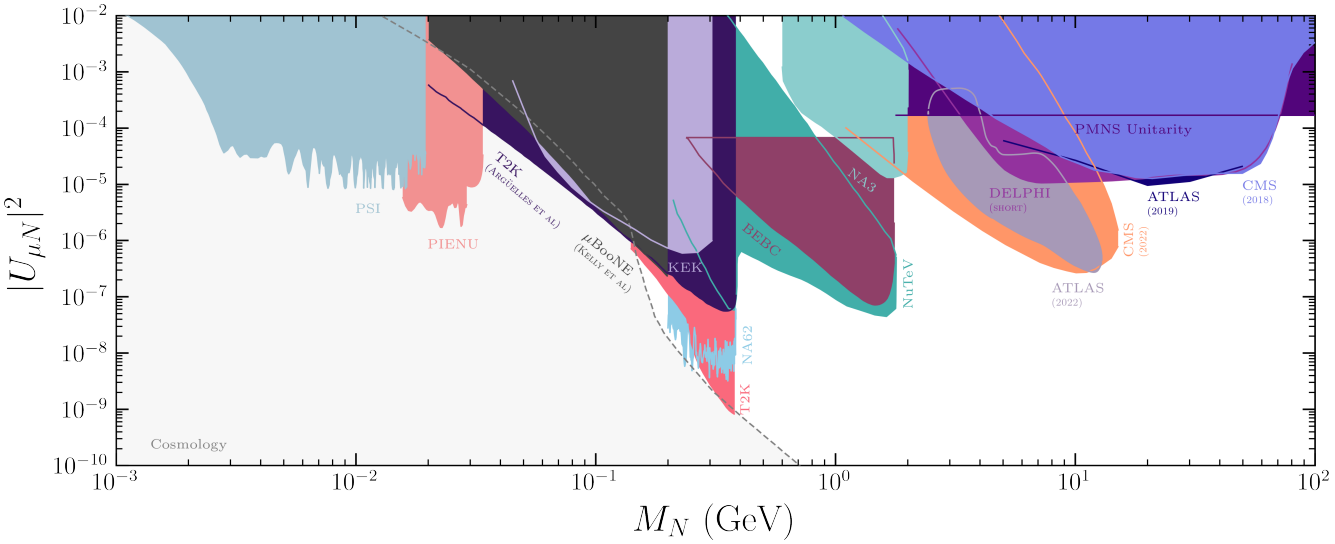

FIG. 2. Constraints on $|U_{\mu N}|^2$ as a function of the HNL mass m_N. Limits shown: μBooNE (Kelly et al) [18], ATLAS (2019) [1], ATLAS (2022) [2], BEBC [19], CMS (2018) [7], CMS (2018-dilepton) [20], CMS (2022) [8], CMS (8TeV) [21], Cosmology [9], DELPHI (short) [10], KEK [11], NA3 [22], NA62 [23], NuTeV [24], PIENU [25], PIENU(low μ energy) [25], PMNS Unitarity [15], PSI [26], T2K [16], T2K (Argüelles et al) [27].

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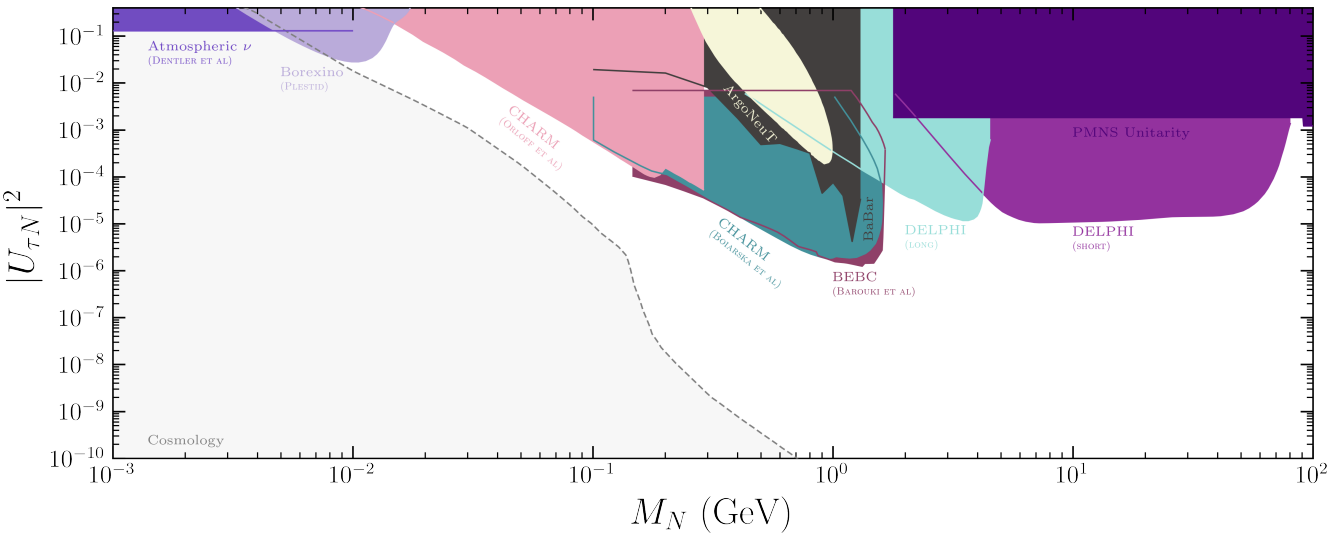

FIG. 3. Constraints on $|U_{\tau N}|^2$ as a function of the HNL mass m_N. Limits shown: ArgoNeuT [28], Atmospheric ν (Dentler et al) [29], BEBC(Barouki et al) [3], BaBar [30], Borexino (Plestid) [31], CHARM (Boiarska et al) [32], CHARM (Orloff et al) [33], Cosmology [9], DELPHI (long) [10], DELPHI (short) [10], PMNS Unitarity [15].

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