

FIG. 1. Constraints on  $|U_{eN}|^2$  as a function of the HNL mass  $m_N$ . Limits shown: ATLAS [1], BBN (Sabti et al) [2], CHARM [3], CMS 22 [4], D-decays (Bryman et al) [5], DELPHI (long) [6], DELPHI (short) [6], DUNE (Berryman et al) [7], KEK [8], NA3 [9], NA62 [10], PIENU [11], PIENU (Bryman et al) [5], PIENU (Bryman et al) [5], SHiP [12], T2K [13].

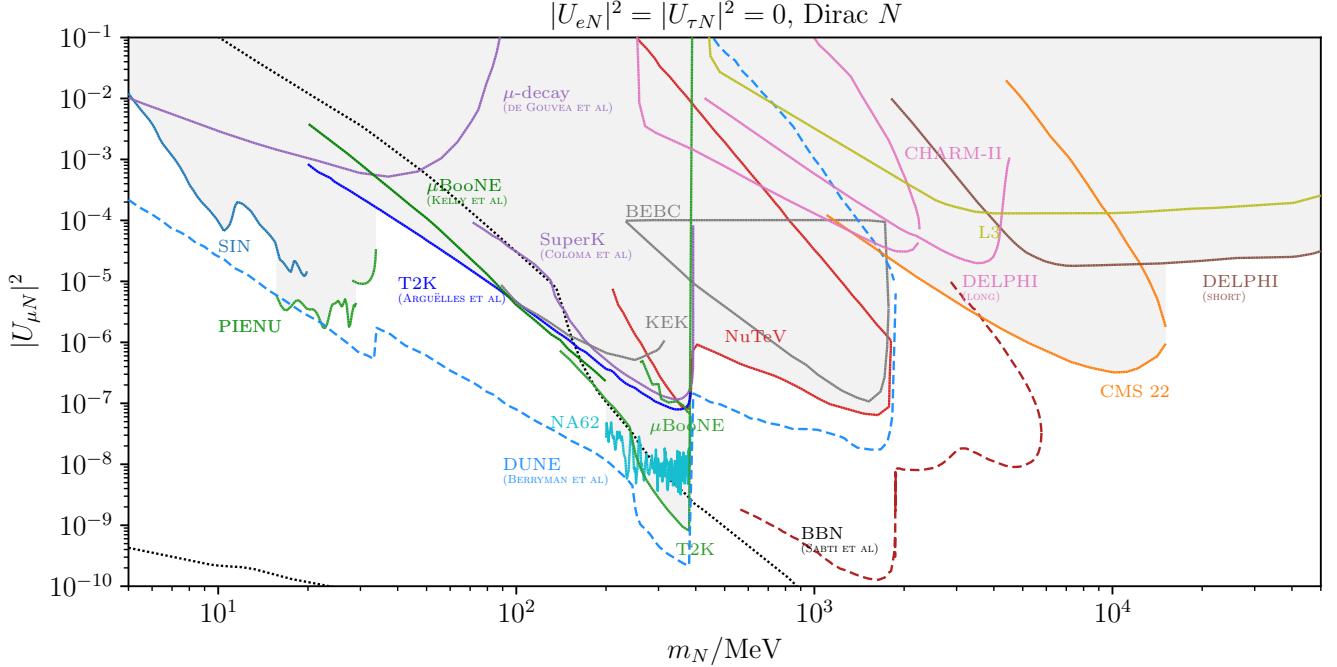


FIG. 2. Constraints on  $|U_{\mu N}|^2$  as a function of the HNL mass  $m_N$ . Limits shown:  $\mu$ -decay (de Gouvea et al) [14],  $\mu$ BooNE [15],  $\mu$ BooNE (Kelly et al) [16], BBN (Sabti et al) [2], BEBC [17], CHARM-II [18], CMS 22 [4], DELPHI (long) [6], DELPHI (short) [6], DUNE (Ballett et al) [19], DUNE (Berryman et al) [7], FMMF [20?], KEK [8], L3 [21], NA62 [22], NuTeV [23], PIENU [24], PIENU [24], SHiP [12], SIN [25], SuperK (Coloma et al) [26], T2K [13], T2K (Arguelles et al) [27].

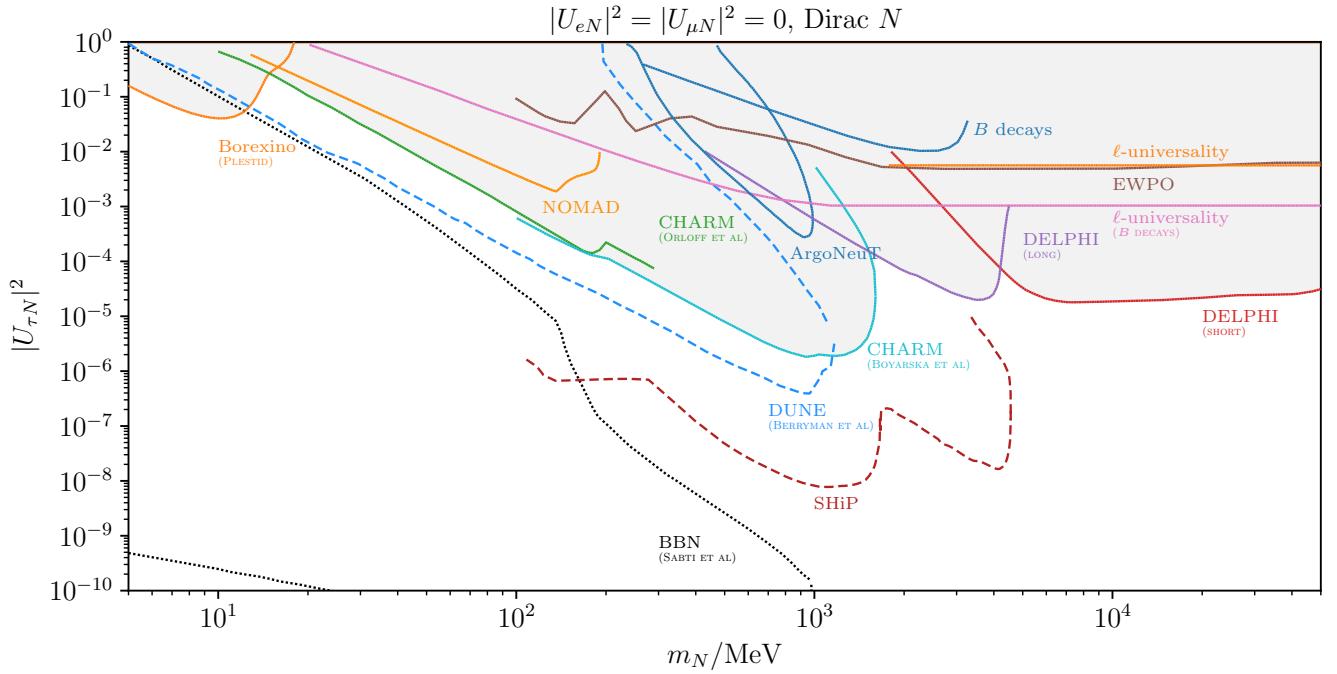


FIG. 3. Constraints on  $|U_{\tau N}|^2$  as a function of the HNL mass  $m_N$ . Limits shown:  $B$  decays [28],  $\ell$ -universality [29],  $\ell$ -universality ( $B$  decays) [28], ArgoNeuT [30], BBN (Sabti et al) [2], Borexino (Plestid) [31], CHARM (Boyarska et al) [32], CHARM (Orloff et al) [33], DELPHI (long) [6], DELPHI (short) [6], DUNE (Berryman et al) [7], EWPO [34], NOMAD [35], SHiP [12], T2K (marg.) [13].

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