

Erratum: Revised constraints and Belle II sensitivity for visible and invisible axion-like particles

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A mistake has been found in the numerical code used to reproduce the bounds from proton beam dump experiments from ref. [1] in figures 2 and 7 of ref. [2]. Correcting this mistake leads to slightly stronger bounds as shown below. We note that this correction does not include recent improvements in the analysis of proton beam dump experiments [3]. Additional recent bounds on GeV-scale ALPs can be found in refs. [4–8].

Acknowledgments

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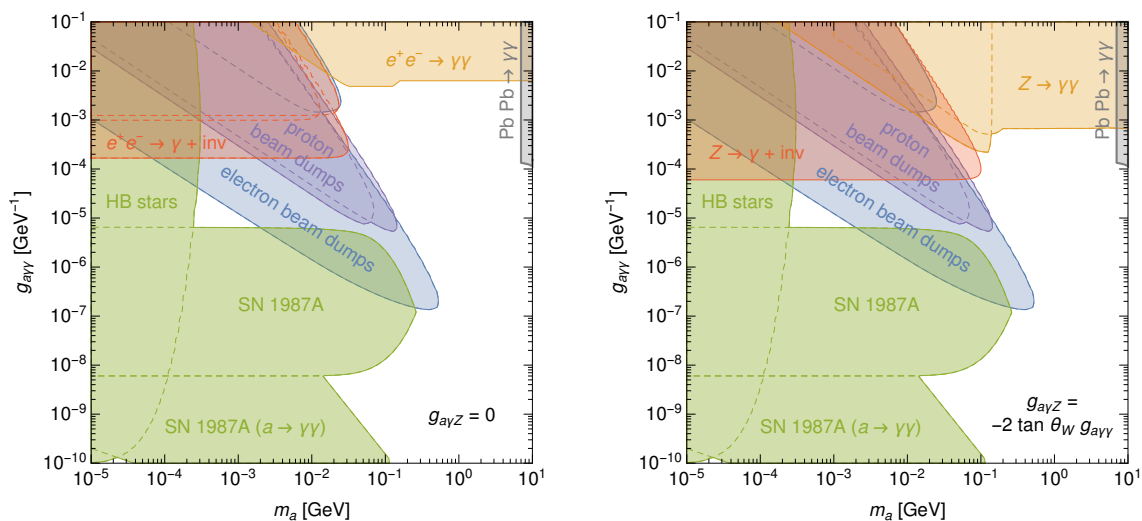


Figure 1. Corrected constraints on ALPs with photon coupling (left) and hypercharge coupling (right). This figure supersedes figure 2 of ref. [2].

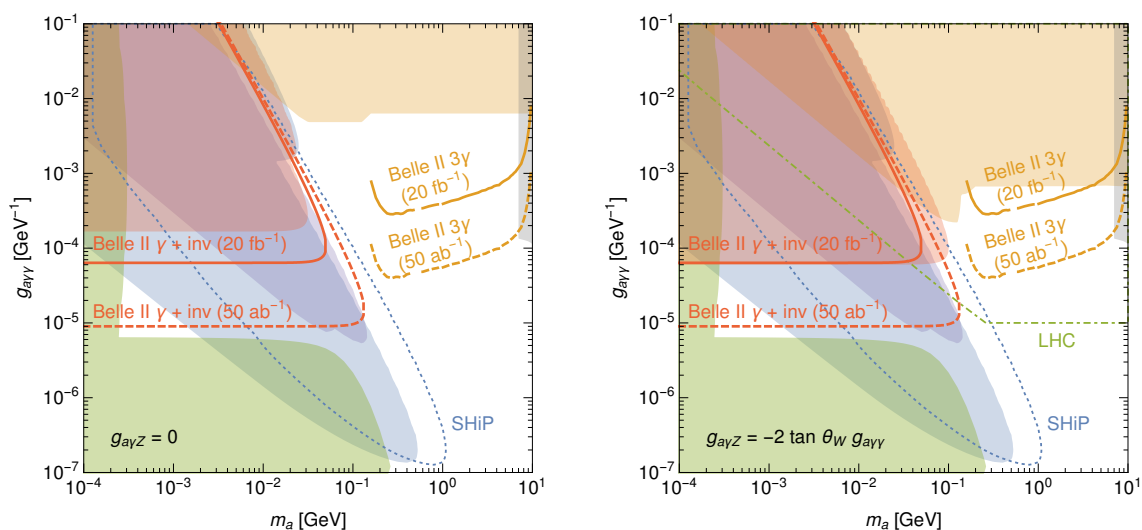


Figure 2. Projected Belle II sensitivity (90% CL) compared to existing constraints on ALPs with photon coupling (left) and hypercharge coupling (right). This figure supersedes figure 7 of ref. [2].

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