



Sensitivity plot update

BULLKID digest

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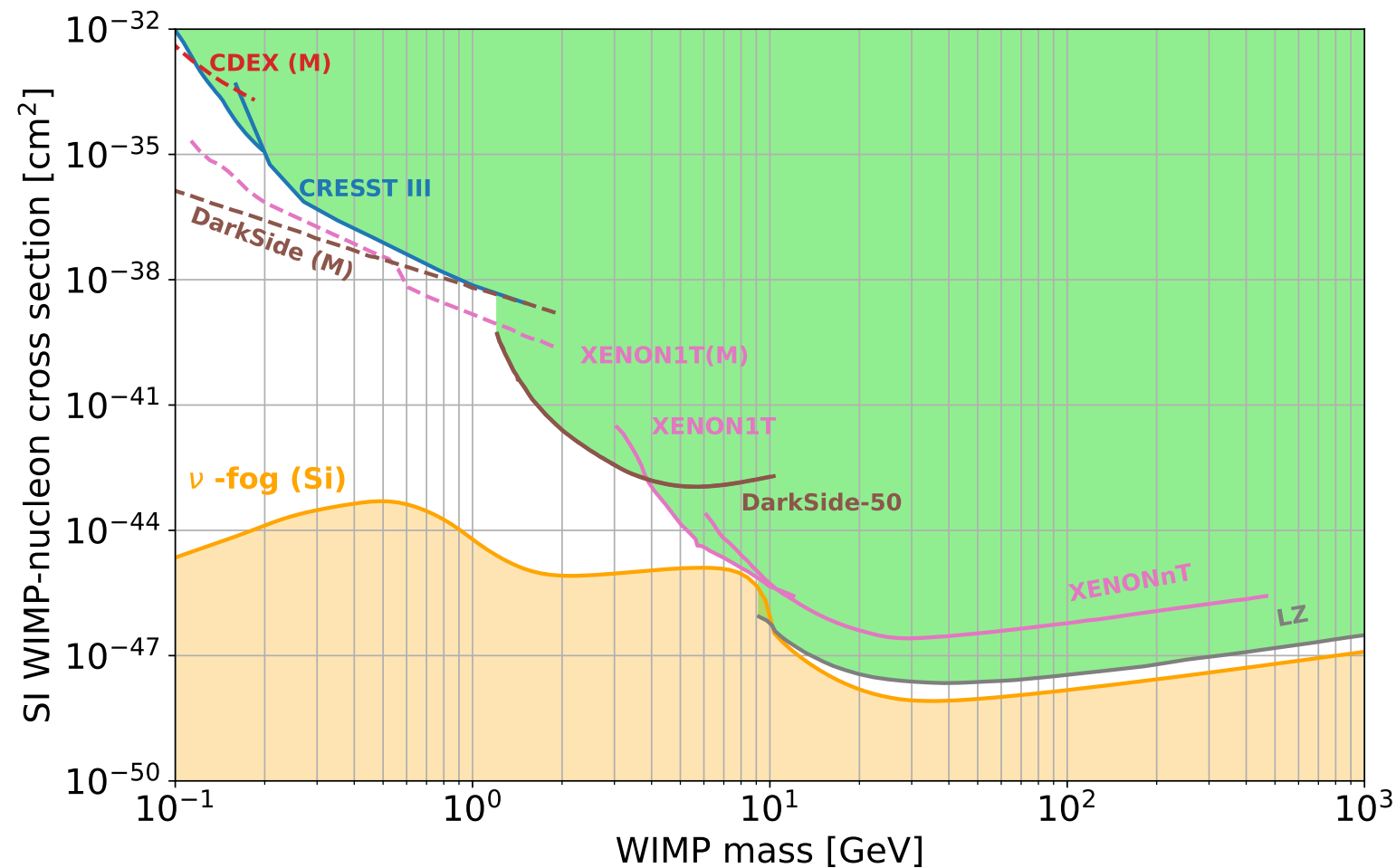
September 23, 2025



Updated state of the art

Latest limits:

- [Xenon-nT \(2023\)](#)
- [CRESST \(2024\)](#)
- [LZ \(2025\)](#)

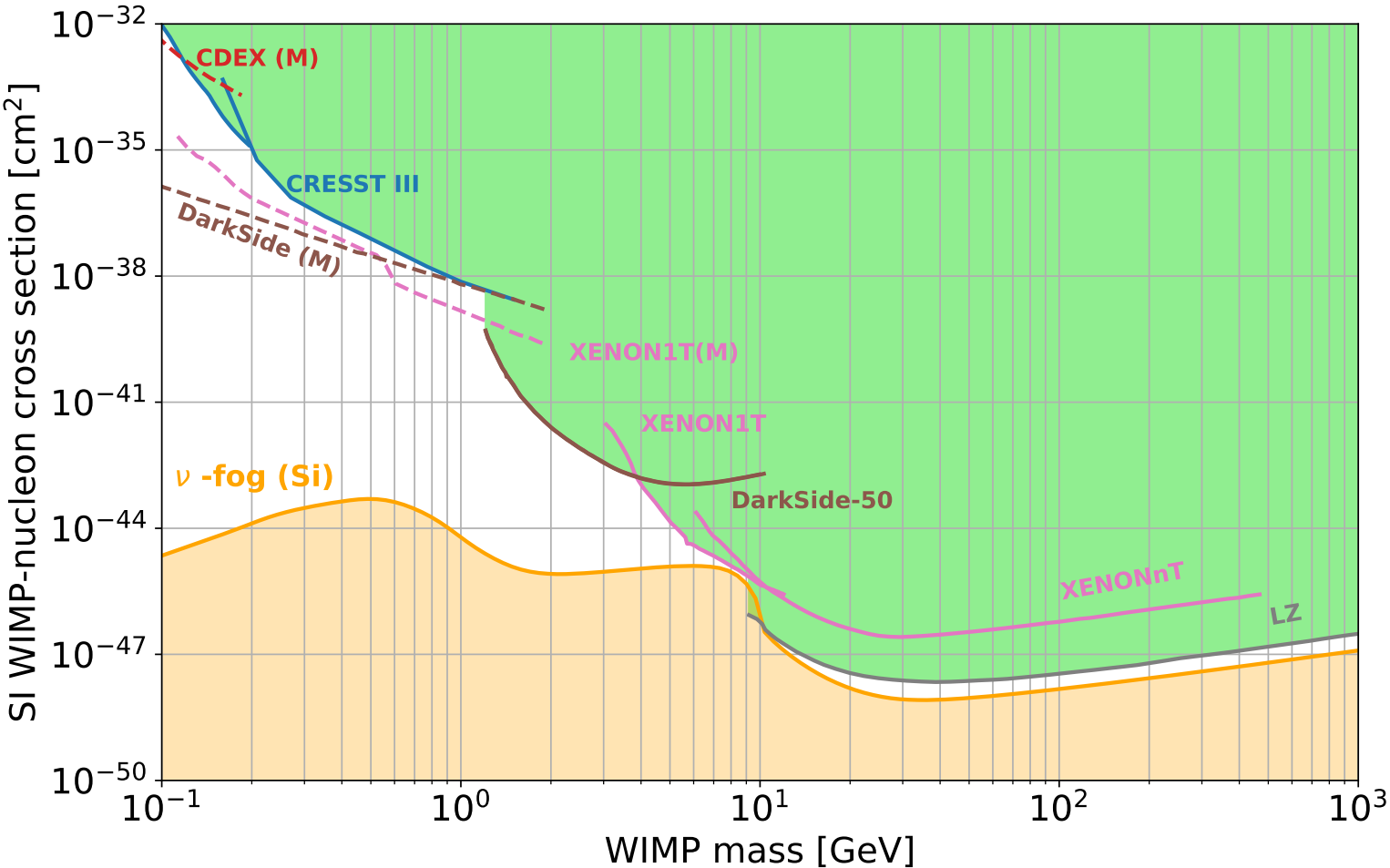


Updated silicon neutrino floor

Neutrino floor depends on the uncertainty of the neutrino rates.

It goes down with precision!

Here the neutrino floor with the updated rates, for silicon and with the new definition from [O'Hare](#)



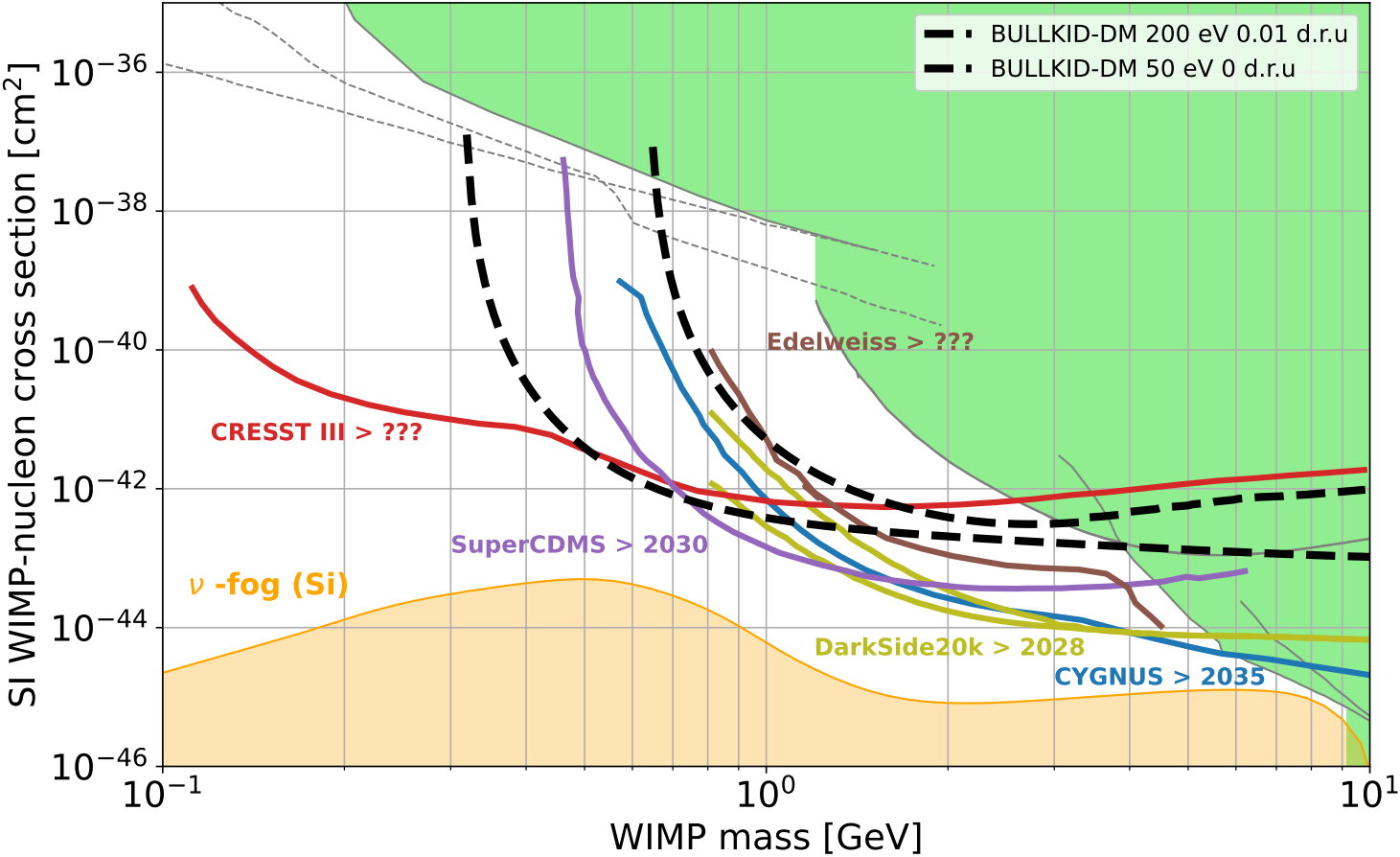
Projected competitors from TAUP

I've selected our main competitors (my personal feeling).

Here the published limits of each experiment with the relative expected time.

Pay attention to DarkSide-20k

??? means that the year of the future limit is not anticipated by the collaboration





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Thank you for the
attention

