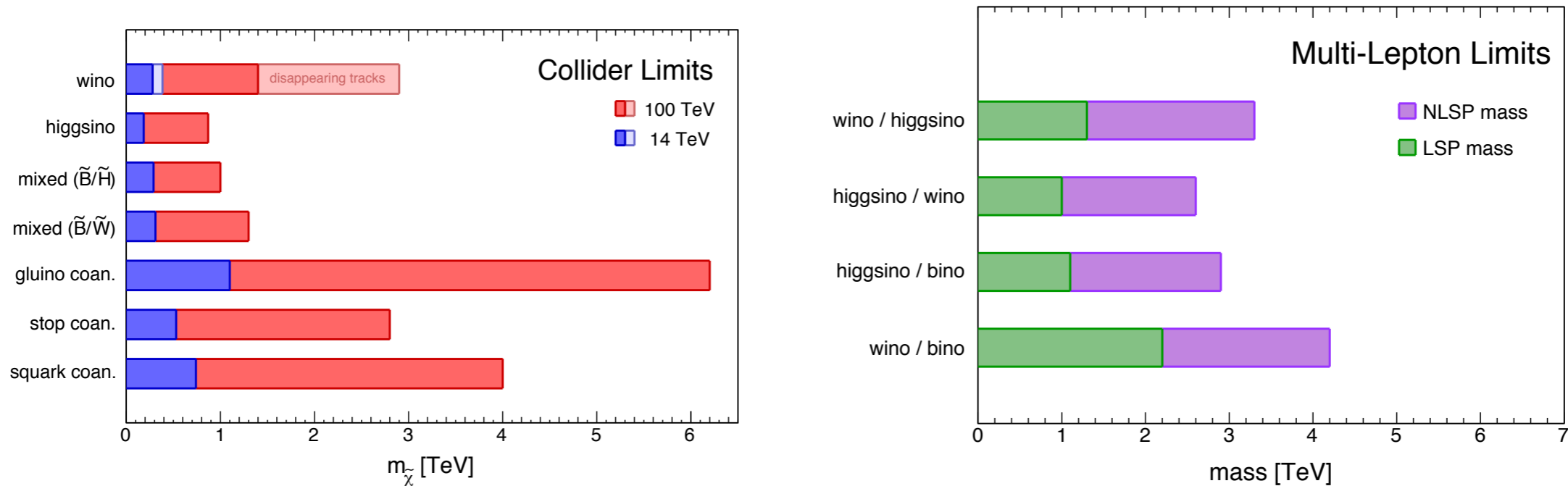


DM@100TeV discussion

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Fermilab, Dec 4, 2015

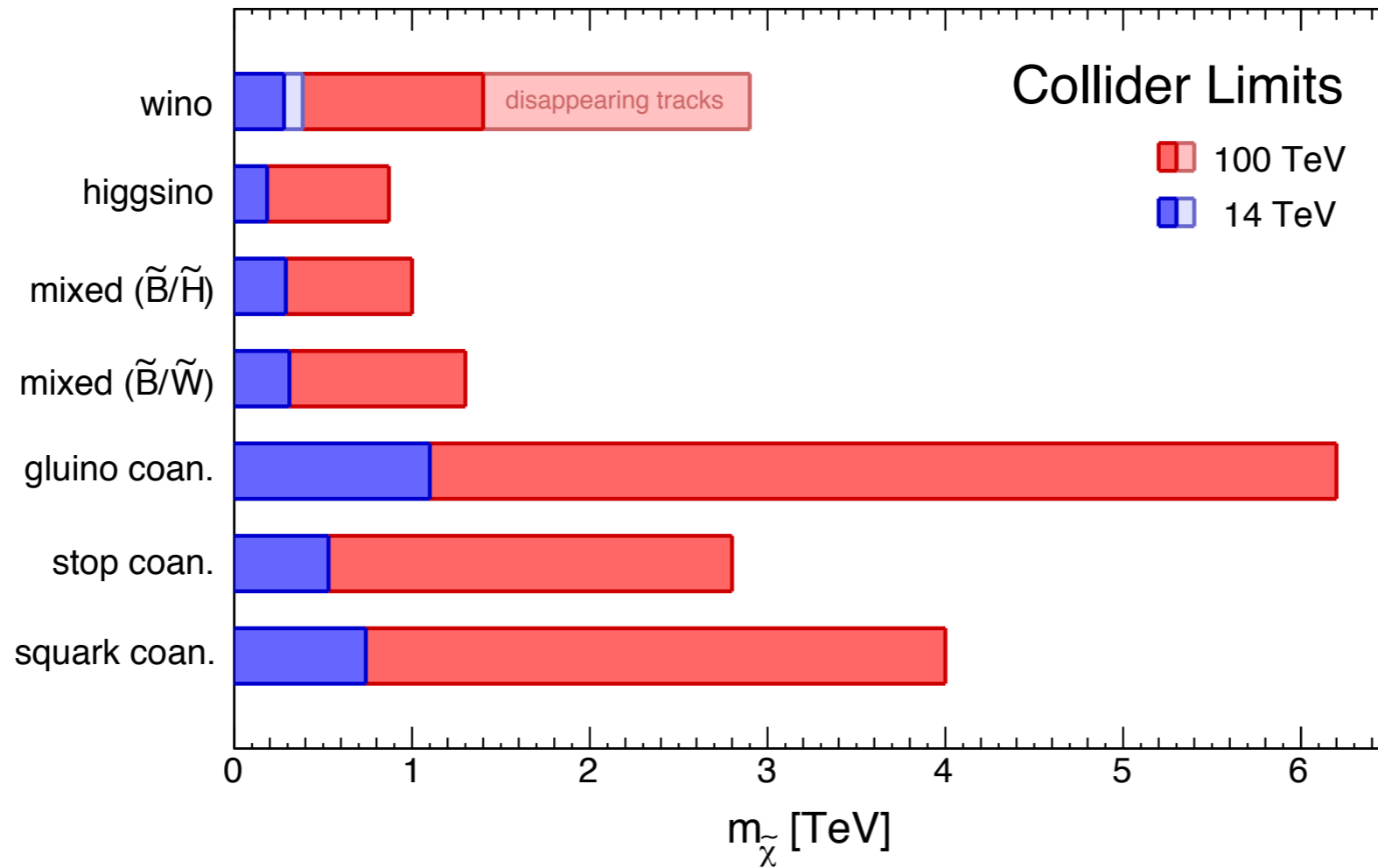
Simple WIMP as part of the physics case



- A very big step beyond the LHC.
- I think the case has been made
- The question: how can we do better at 100 TeV

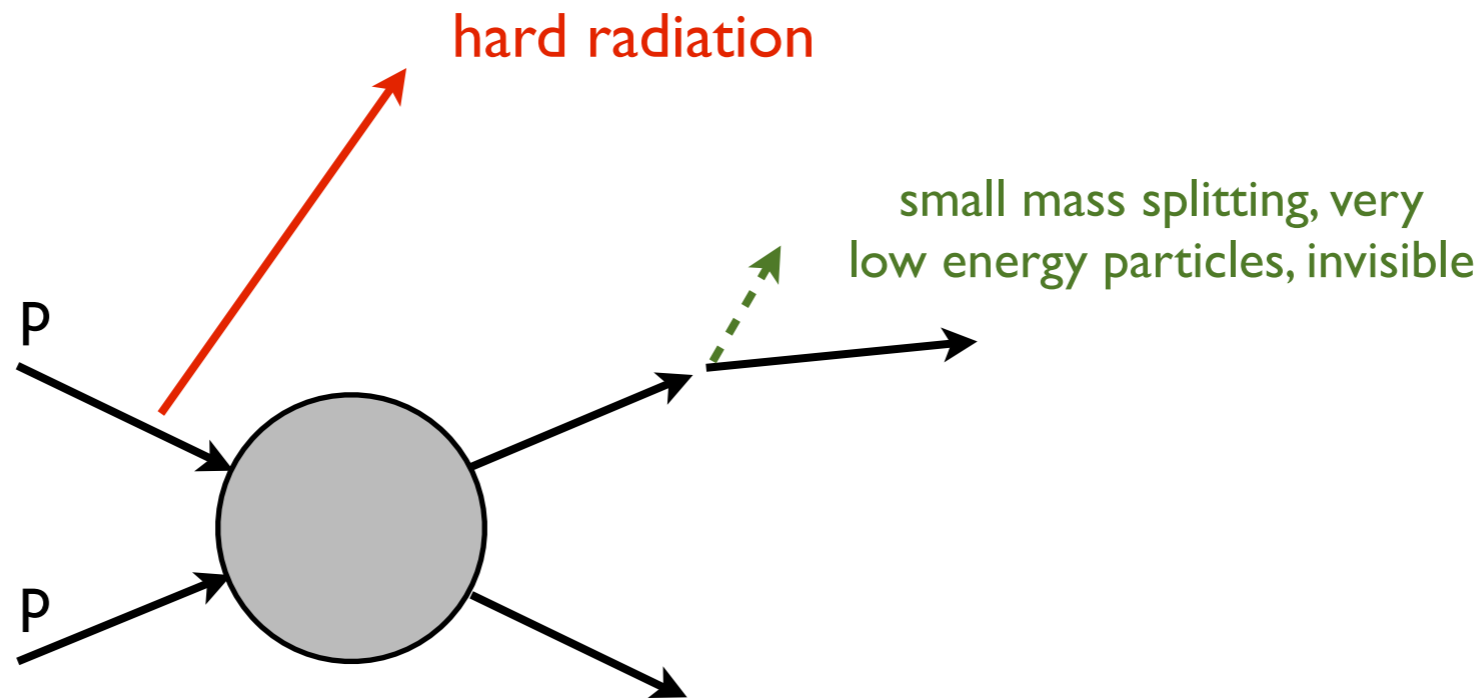
What does it takes: theory and design

Simple WIMPs



- Any more juice from mono-x?
- What's needed to close Higgsino case?

More handles?



- Can we use the soft stuff better? (Beyond the displaced vertex, etc.)
- Trigger threshold?

More generally

- Is there a agreeable target energy ?
- Is there a way to build a WIMP dedicated detector?
- What kind of triggers?

Beyond WIMP.

- dark photon
- simplified models
- Complementarity with ee ?
- more?