

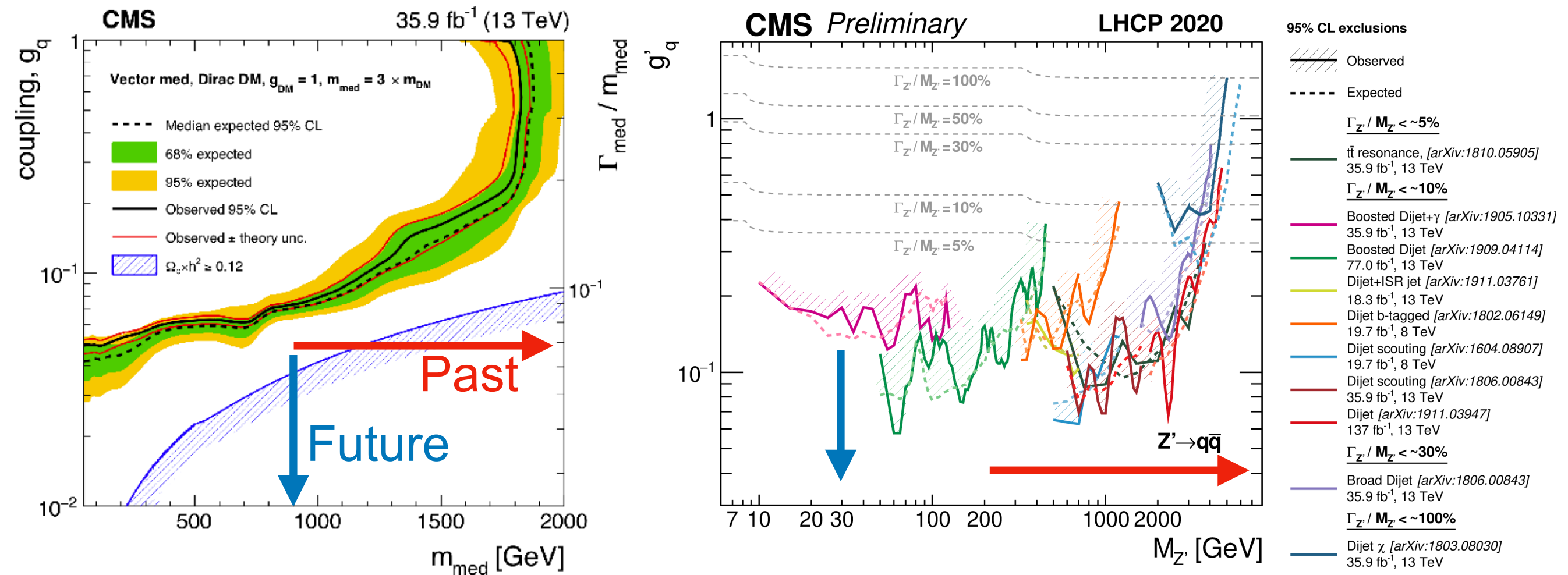
# LHC + Beam Dump

## Some ideas

P. Harris (for everybody)

# What is motivation?

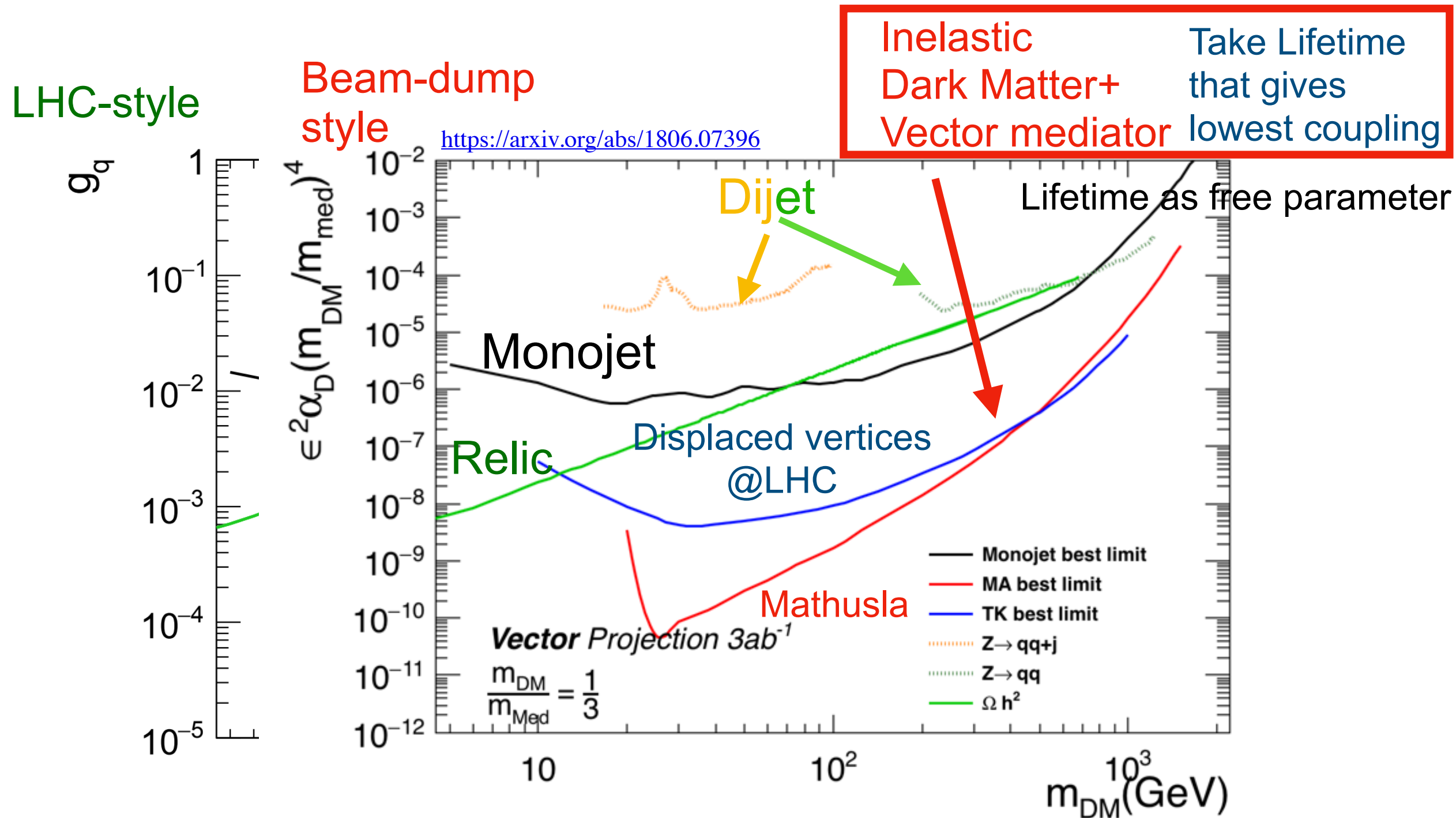
- Where do we go at the LHC?



In the LHC mass reach will be limited  $\longrightarrow$

However lots of data(+ideas) will probe small couplings  $\downarrow$

# LHC searches on a Plot



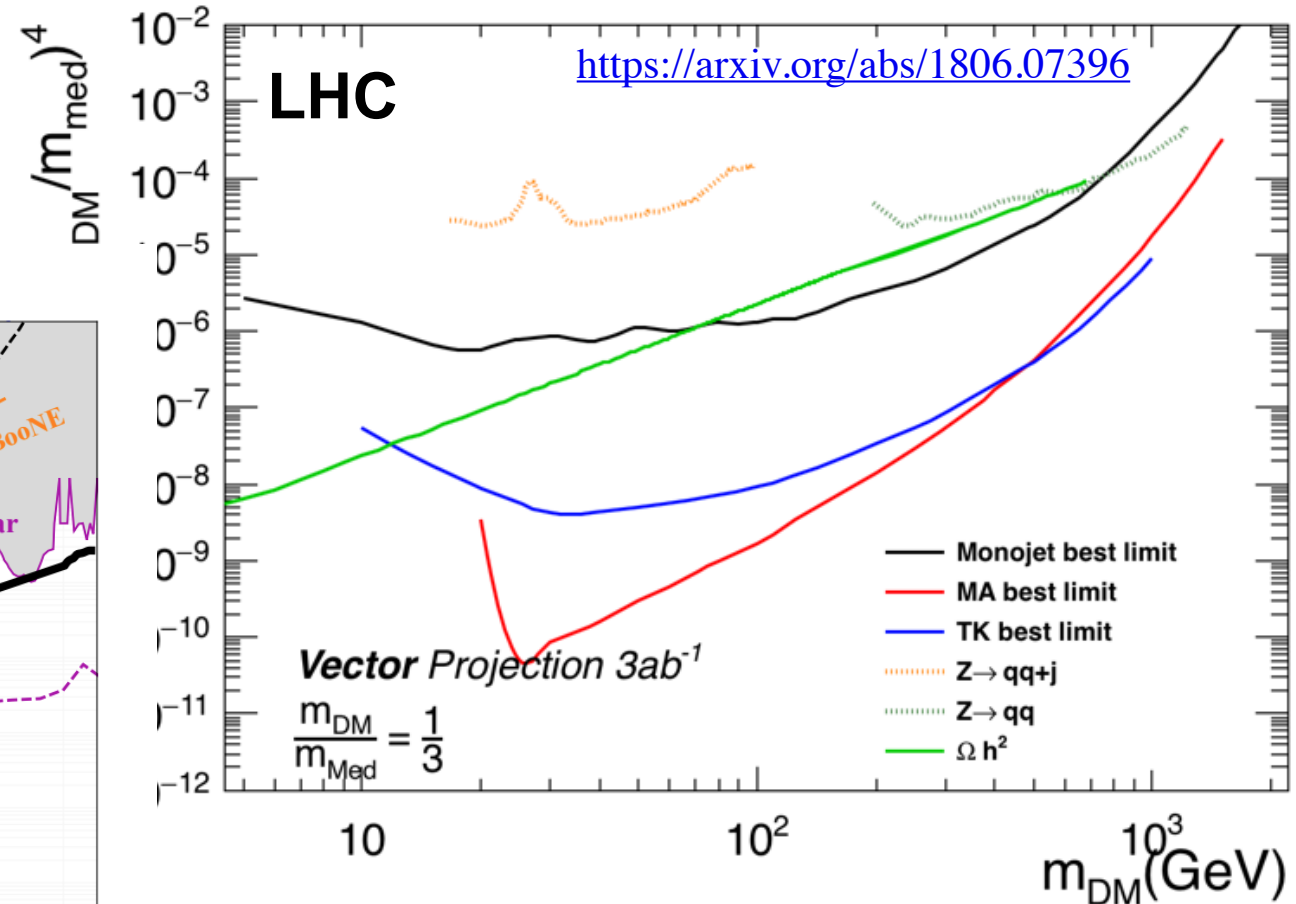
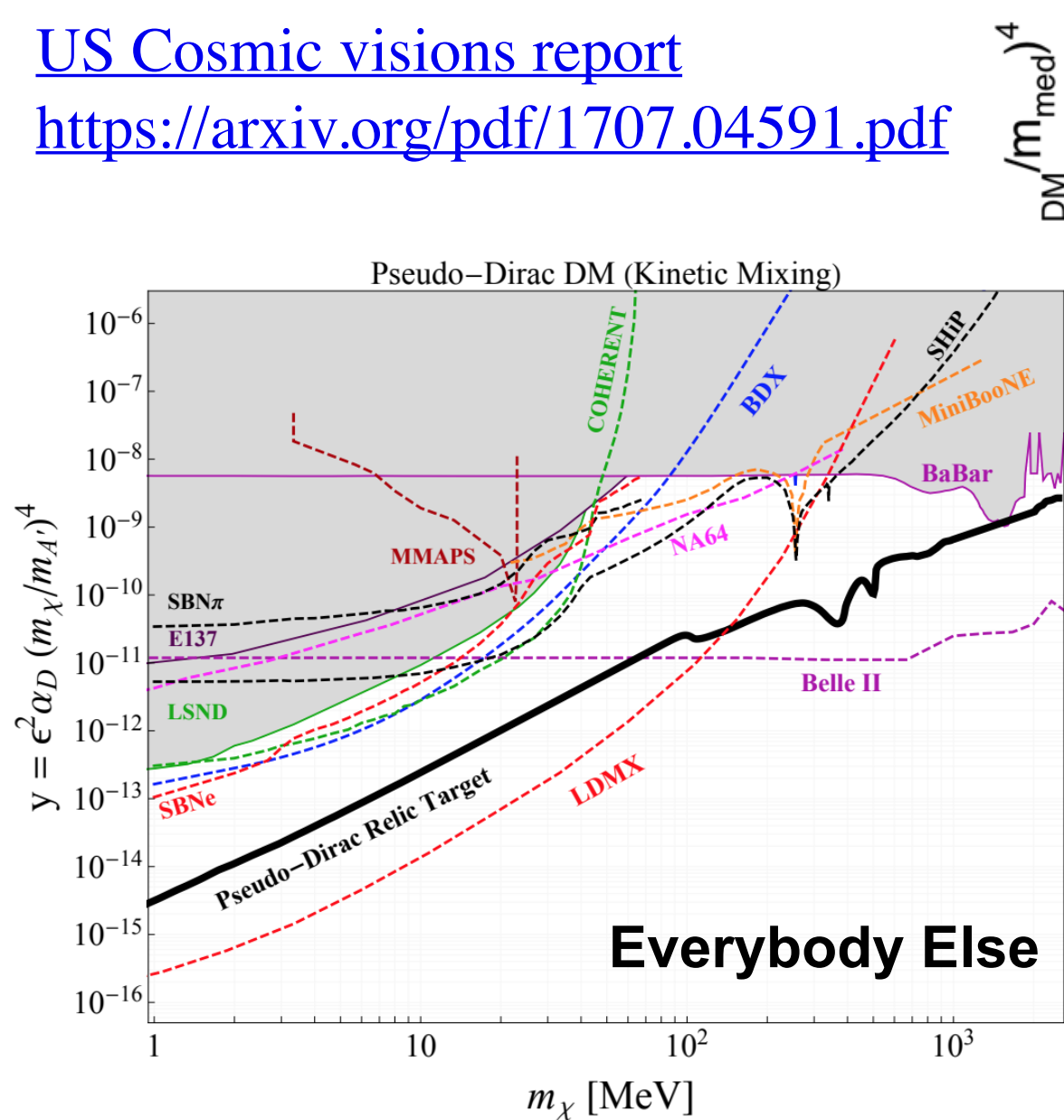
Plot shows aims to put all sorts of searches at LHC with full data

# Cosmic Vision ++

## One Plot

[US Cosmic visions report](https://arxiv.org/pdf/1707.04591.pdf)

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Many schemes to combine these  
Allows us to setup new DM benchmarks

There are Many ways to make one plot with all of these