

Higgs, at least!

Francesco Riva
EPFL - Lausanne

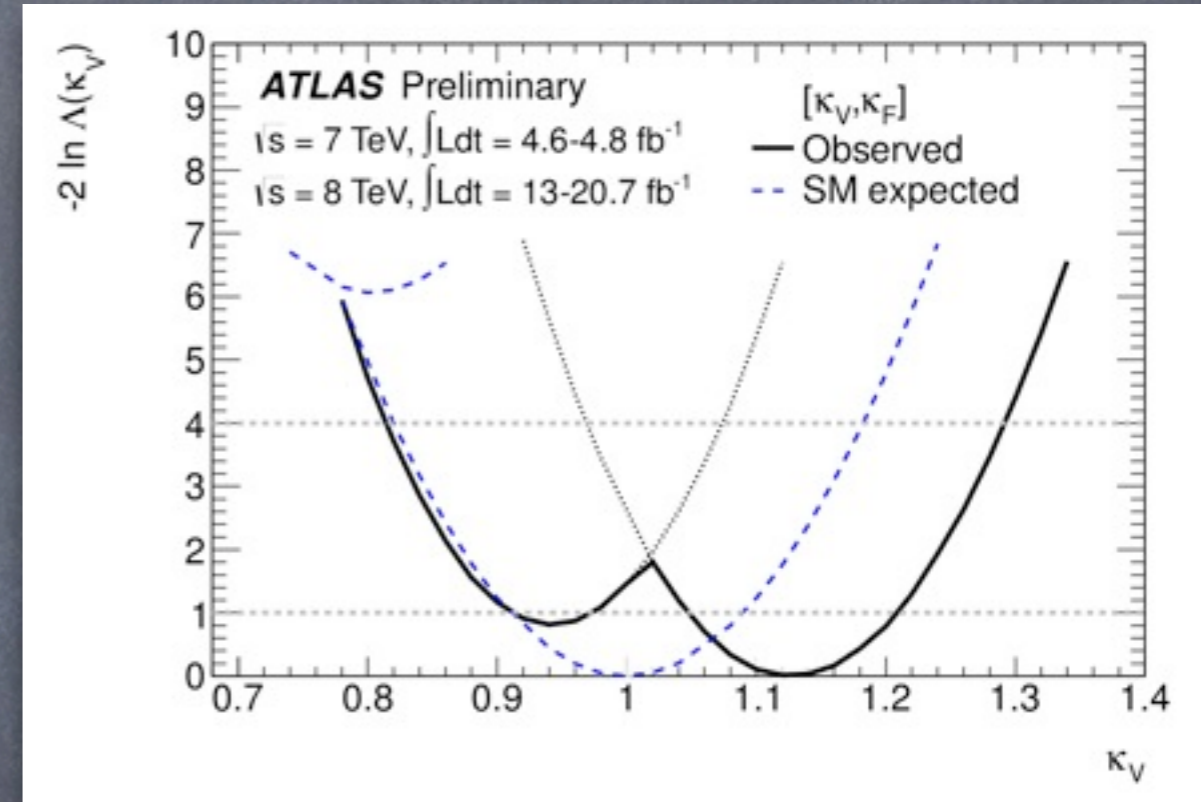
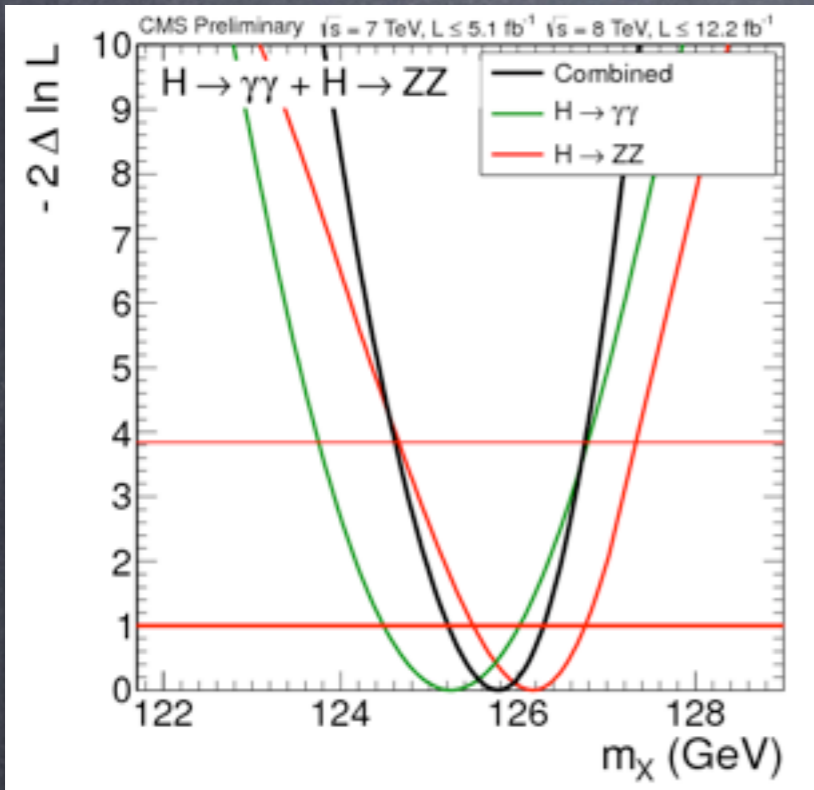
In Collaboration with:
Montull, Pomarol, Falkowski, Urbano, Gupta

1205.6434, 1207.1716, 1212.5240, 1303.1812, and 1307.xxxx

LHC 2012

$m_h \approx 125 \text{ GeV}$

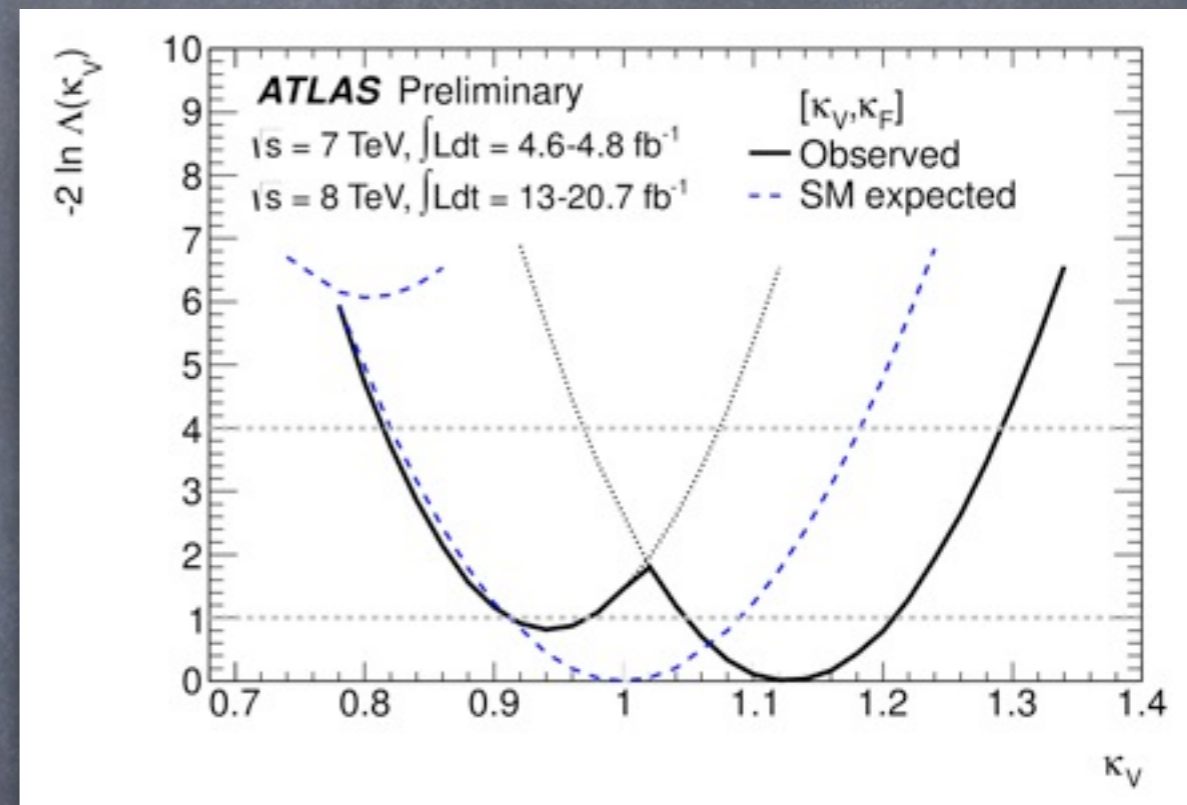
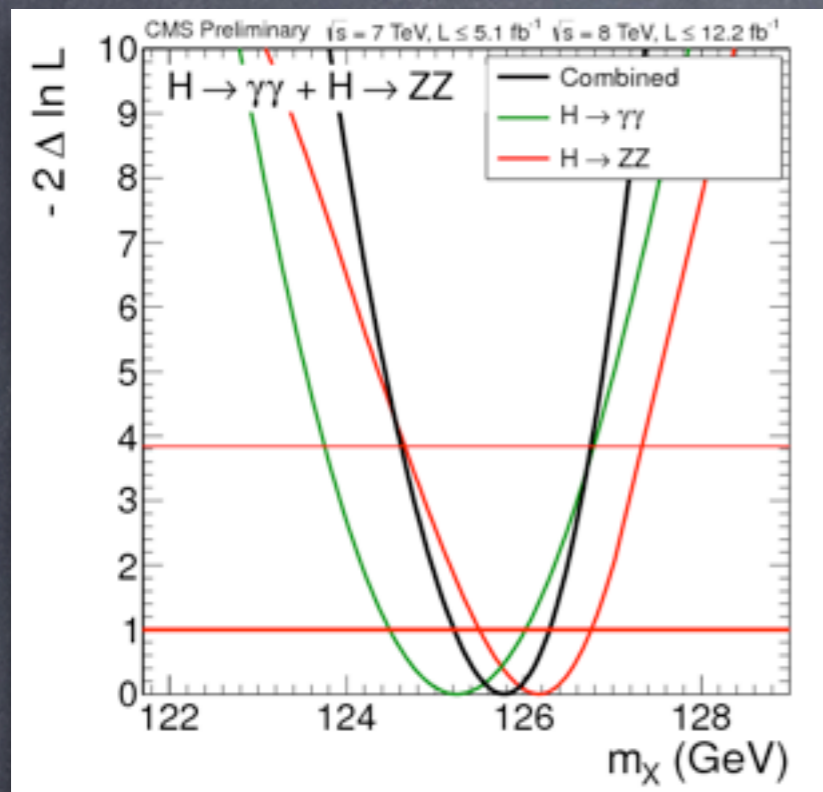
$$\kappa_V \equiv \frac{g_{hVV}}{g_{hVV}^{SM}} \approx 1 \quad V = W, Z$$



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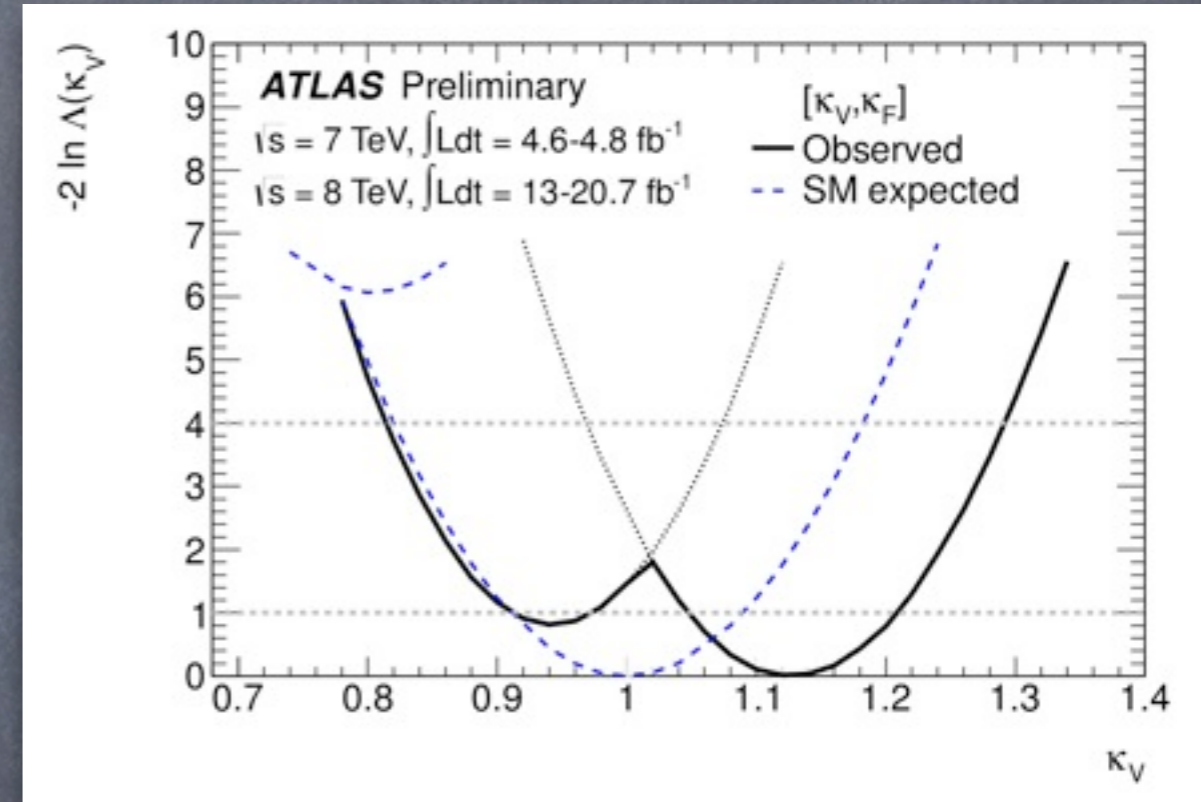
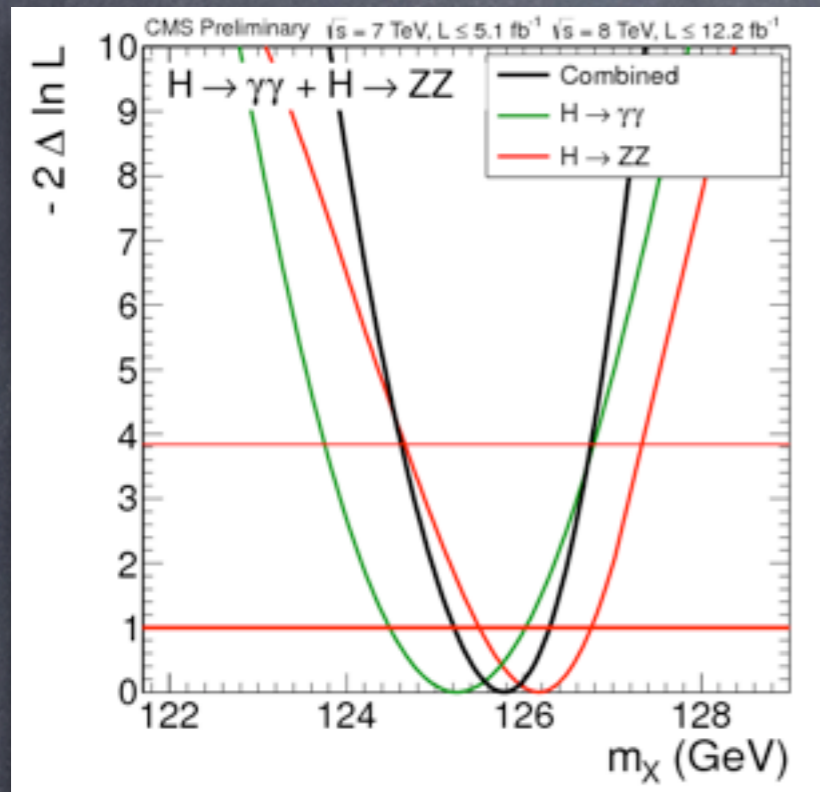


- 👁 Heavy for SUSY
- 👁 Light for Composite Higgs
- 👁 Ok for SM up to M_{Pl}
- 👁 Technicolor

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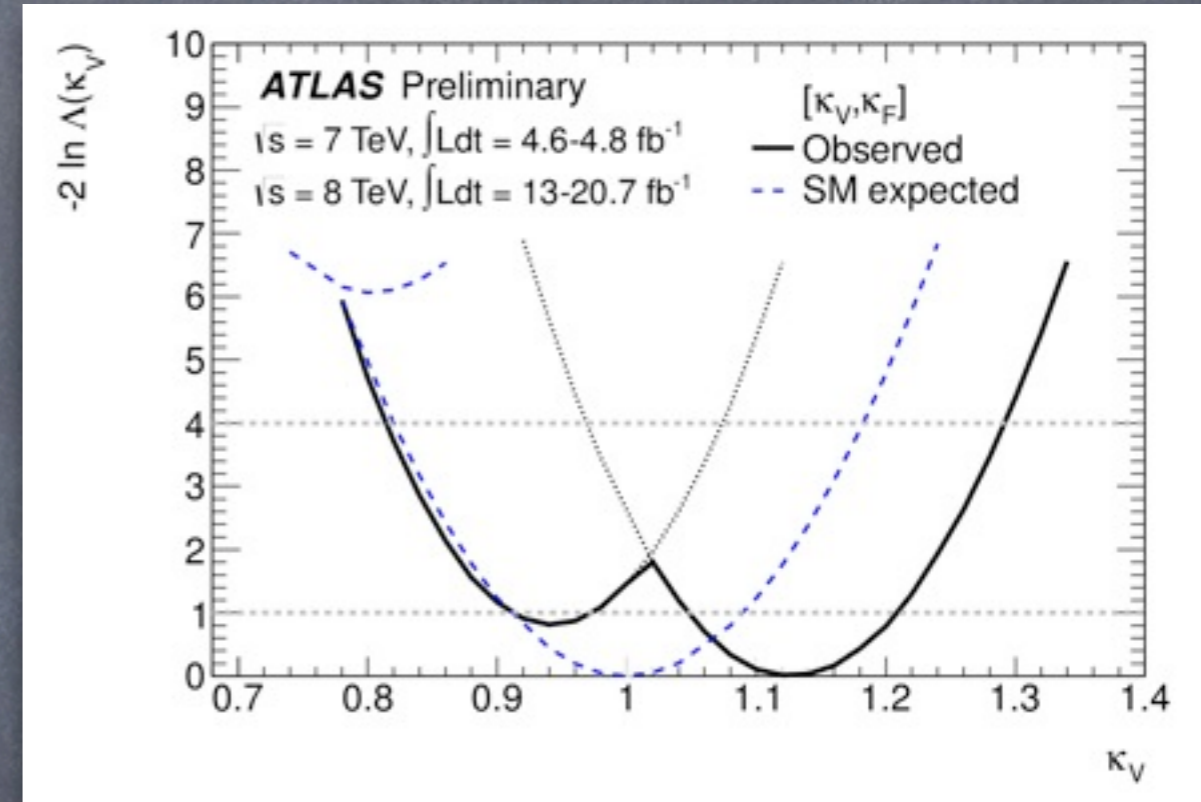
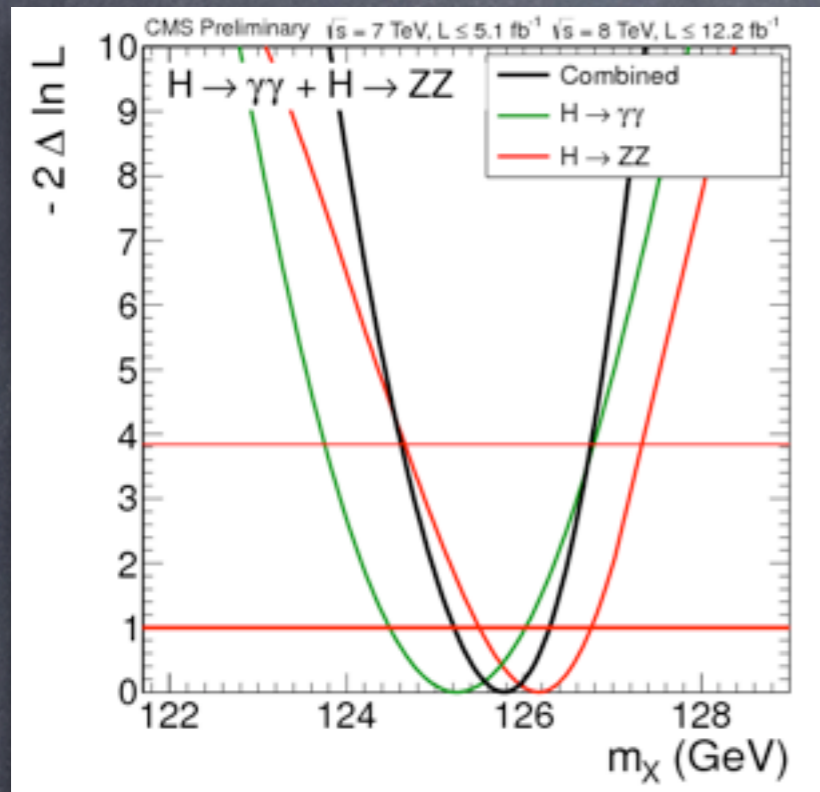
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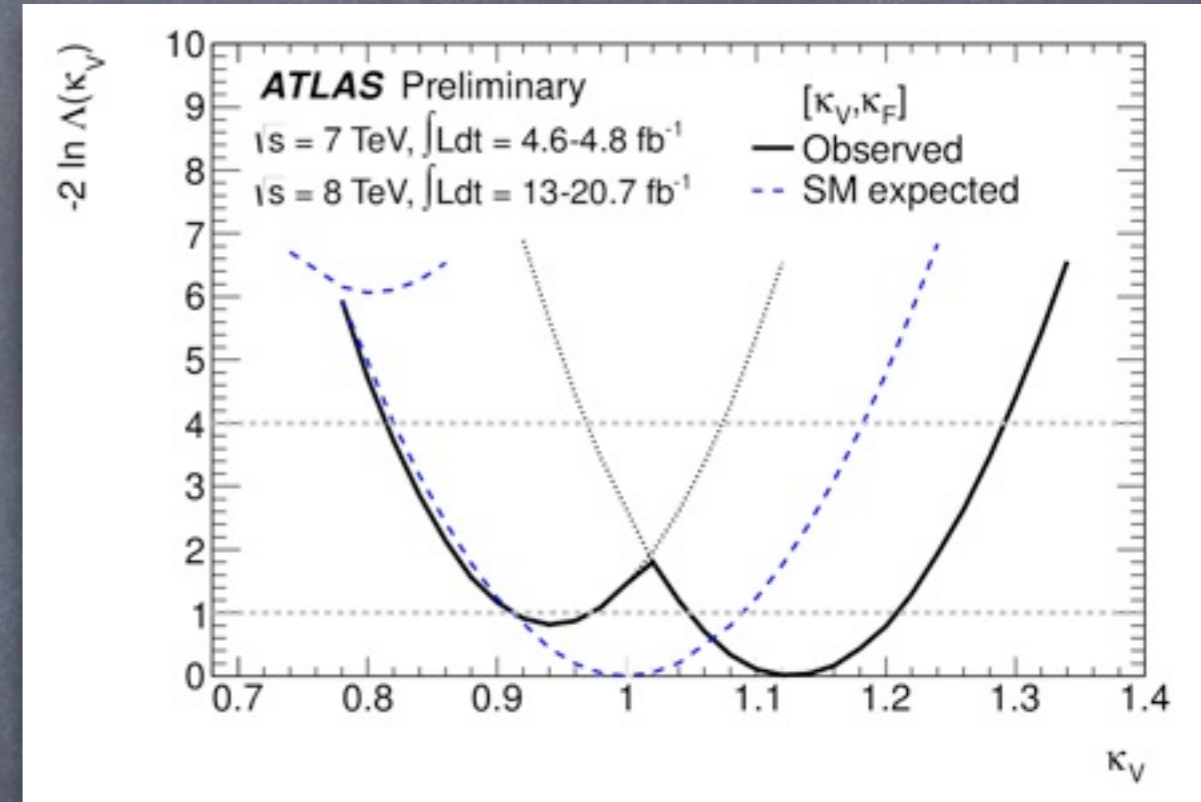
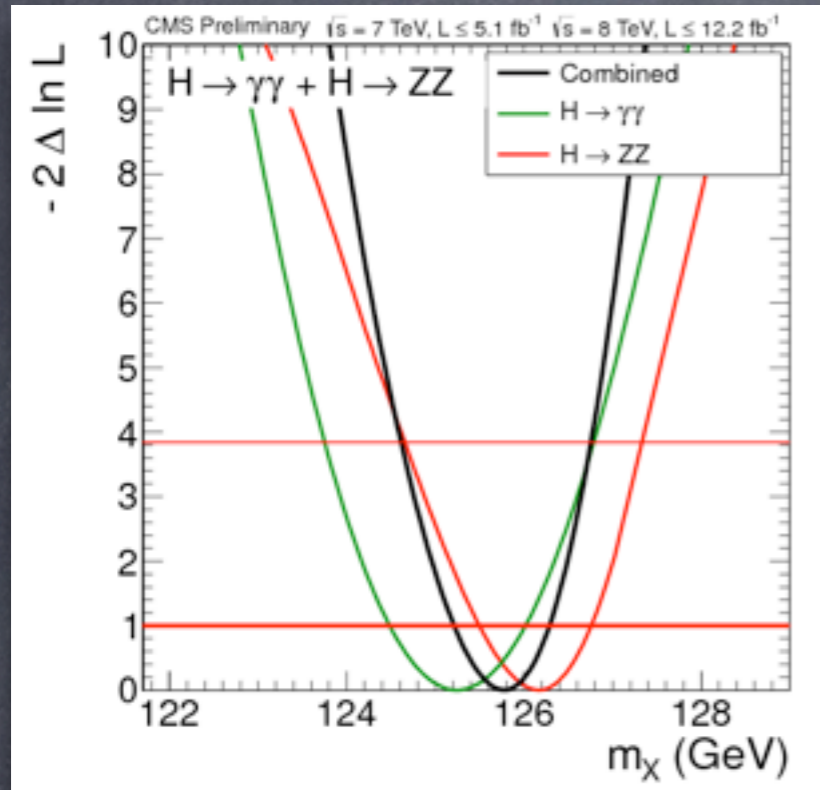
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