

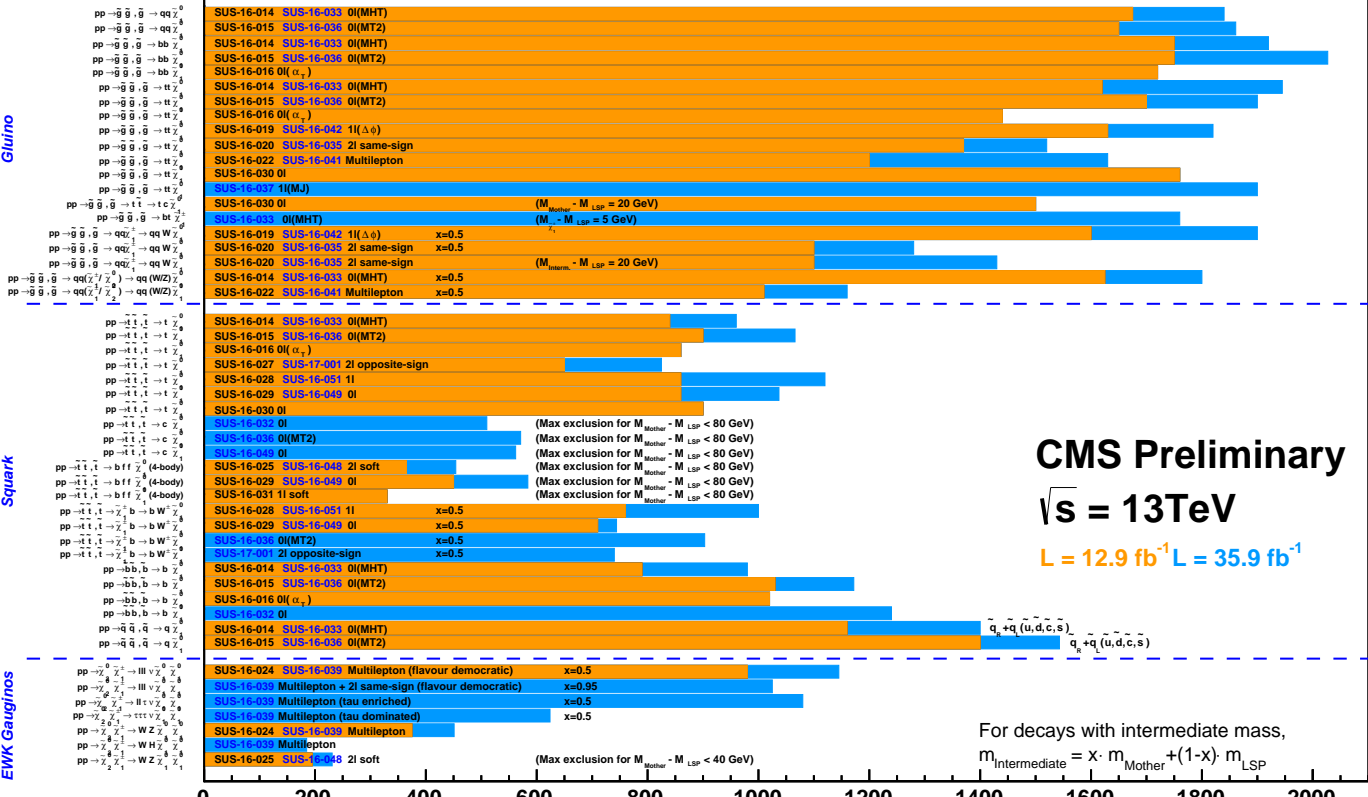
Selected CMS SUSY Results* - SMS Interpretation

ICHEP '16 - Moriond '17

Gluino

Squark

EWK Gauginos



CMS Preliminary

$\sqrt{s} = 13\text{TeV}$

$L = 12.9 \text{ fb}^{-1} L = 35.9 \text{ fb}^{-1}$

For decays with intermediate mass,

$$m_{\text{Intermediate}} = x \cdot m_{\text{Mother}} + (1-x) \cdot m_{\text{LSP}}$$

* Observed limits at 95% C.L. - theory uncertainties not included

Only a selection of available mass limits. Probe *up to* the quoted mass limit for $m_{\text{LSP}} \approx 0 \text{ GeV}$ unless stated otherwise

Mass Scale [GeV]