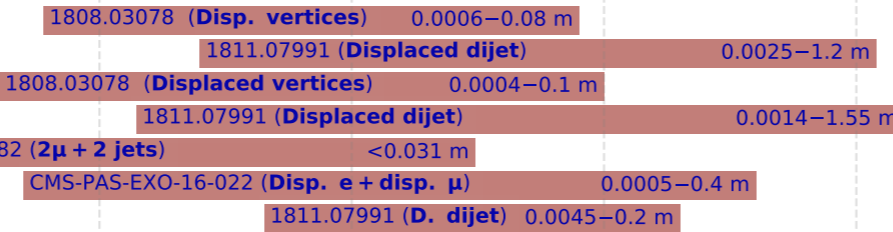


SUSY RPV

RPV UDD, $\tilde{g} \rightarrow tbs$, $m_{\tilde{g}} = 2200$ GeV
 RPV UDD, $\tilde{g} \rightarrow tbs$, $m_{\tilde{g}} = 2200$ GeV
 RPV UDD, $\tilde{t} \rightarrow d\bar{d}$, $m_{\tilde{t}} = 1300$ GeV
 RPV UDD, $\tilde{t} \rightarrow d\bar{d}$, $m_{\tilde{t}} = 1300$ GeV
 RPV LQD, $\tilde{t} \rightarrow bl$, $m_{\tilde{t}} = 600$ GeV
 RPV LQD, $\tilde{t} \rightarrow bl$, $m_{\tilde{t}} = 600$ GeV
 RPV LQD, $\tilde{t} \rightarrow bl$, $m_{\tilde{t}} = 1300$ GeV

\tilde{g}
 \tilde{g}
 \tilde{t}
 \tilde{t}
 \tilde{t}
 \tilde{t}
 \tilde{t}

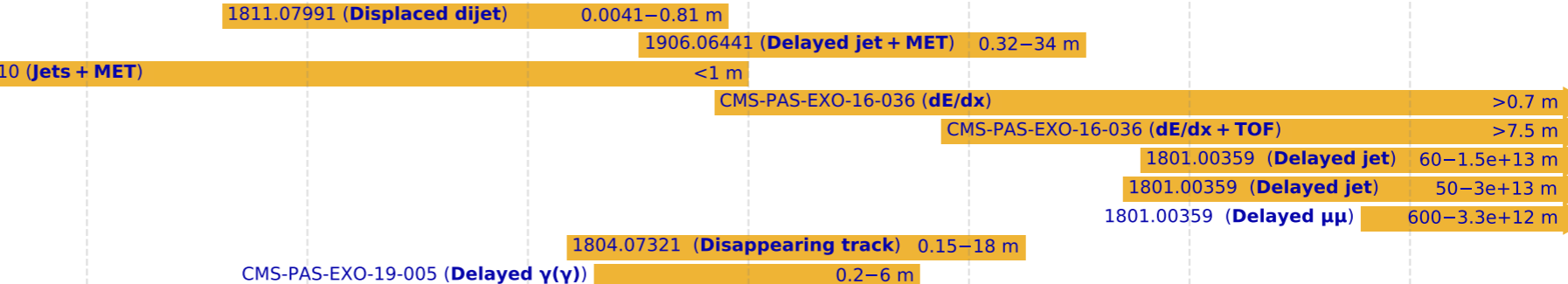


38 fb⁻¹ (13 TeV)
 36 fb⁻¹ (13 TeV)
 38 fb⁻¹ (13 TeV)
 36 fb⁻¹ (13 TeV)
 36 fb⁻¹ (13 TeV)
 3 fb⁻¹ (13 TeV)
 36 fb⁻¹ (13 TeV)

SUSY RPC

GMSB, $\tilde{g} \rightarrow g\tilde{G}$, $m_{\tilde{g}} = 2100$ GeV
 GMSB, $\tilde{g} \rightarrow g\tilde{G}$, $m_{\tilde{g}} = 2100$ GeV
 Split SUSY, $\tilde{g} \rightarrow q\tilde{q}\chi_1^0$, $m_{\tilde{g}} = 1300$ GeV
 Split SUSY (HSCP), $f_{\tilde{g}g} = 0.1$, $m_{\tilde{g}} = 1600$ GeV
 mGMSB (HSCP) $\tan\beta = 10$, $\mu > 0$, $m_{\tilde{t}} = 247$ GeV
 Stopped \tilde{t} , $\tilde{t} \rightarrow t\chi_1^0$, $m_{\tilde{t}} = 700$ GeV
 Stopped \tilde{g} , $\tilde{g} \rightarrow q\tilde{q}\chi_1^0$, $f_{\tilde{g}g} = 0.1$, $m_{\tilde{g}} = 1300$ GeV
 Stopped \tilde{g} , $\tilde{g} \rightarrow q\tilde{q}\chi_2^0(\mu\mu\chi_1^0)$, $f_{\tilde{g}g} = 0.1$, $m_{\tilde{g}} = 940$ GeV
 AMSB, $\chi^\pm \rightarrow \chi_1^0\pi^\pm$, $m_{\chi^\pm} = 505$ GeV
 GMSB SPS8, $\chi_1^0 \rightarrow \gamma\tilde{G}$, $m_{\chi_1^0} = 400$ GeV

\tilde{g}
 \tilde{g}
 \tilde{g}
 \tilde{g}
 \tilde{t}
 \tilde{g}
 \tilde{g}
 χ^\pm
 χ_1^0

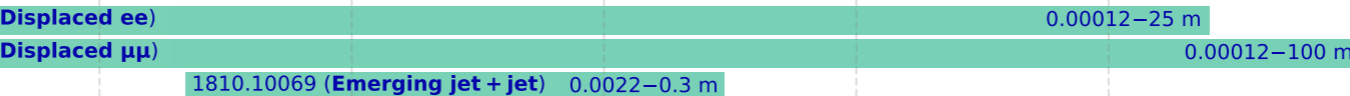


36 fb⁻¹ (13 TeV)
 137 fb⁻¹ (13 TeV)
 36 fb⁻¹ (13 TeV)
 13 fb⁻¹ (13 TeV)
 13 fb⁻¹ (13 TeV)
 39 fb⁻¹ (13 TeV)
 39 fb⁻¹ (13 TeV)
 39 fb⁻¹ (13 TeV)
 38 fb⁻¹ (13 TeV)
 77 fb⁻¹ (13 TeV)

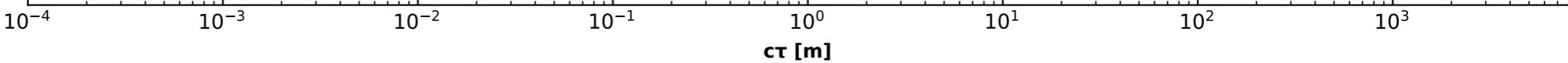
Other

$H \rightarrow XX(10\%)$, $X \rightarrow ee$, $m_H = 125$ GeV, $m_X = 20$ GeV
 $H \rightarrow XX(10\%)$, $X \rightarrow \mu\mu$, $m_H = 125$ GeV, $m_X = 20$ GeV
 dark QCD, $m_{\pi_{DK}} = 5$ GeV, $m_{X_{DK}} = 1200$ GeV

X
 X
 X_{DK}



20 fb⁻¹ (8 TeV)
 20 fb⁻¹ (8 TeV)
 16 fb⁻¹ (13 TeV)



Selection of observed exclusion limits at 95% C.L. (theory uncertainties are not included). The y-axis tick labels indicate the studied long-lived particle.