

ATLAS+CMS

Internal

November 2017

*Each limit assumes that
all other processes are zero*

95%CL upper limits

[1] JHEP 02 (2017) 079

[3] CMS-PAS-TOP-17-003

[5] EPJC 76 (2016), 55

[7] ATLAS-CONF-2017-070 (2017)

Theory predictions
from arXiv:1311.2028



CMS



ATLAS

[2] CERN-EP-2017-118

[4] JHEP 04 (2016) 035

[6] JHEP 02 (2017) 028

[8] JHEP 07 (2017) 003

— SM

2HDM(FV)

2HDM(FC)

MSSM

RPV

RS

$t \rightarrow Hc$

$t \rightarrow Hu$

$t \rightarrow \gamma c$

$t \rightarrow \gamma u$

$t \rightarrow gc$

$t \rightarrow gu$

$t \rightarrow Zc$

$t \rightarrow Zu$

[1]

[0]

[1]

[2]

[3]

[3]

[4]

[5]

[4]

[5]

[6]

[7]

[6]

[7]

10^{-16}

10^{-13}

10^{-10}

10^{-7}

10^{-4}

10^{-1}

Branching fraction