

**ATLAS+CMS**

***Internal***

November 2017

*Each limit assumes that  
all other processes are zero*

95%CL upper limits

[1] JHEP 12 (2015) 061

[3] JHEP 04 (2016) 035

[5] arXiv:1610.03545 subm. to JHEP

[7] arXiv:1702.01404 subm. to JHEP

Theory predictions  
from arXiv:1311.2028



CMS



ATLAS

[2] arXiv:1610.04857 subm. to JHEP

[4] EPJC 76 (2016), 55

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

— 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]

[2]

[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