

$\sigma \times \text{BR} \times A$  [pb]

**ATLAS** Preliminary  
2 b-tag

$\sqrt{s}=13$  TeV,  $3.2 \text{ fb}^{-1}$

$\sigma_X/m_X = 0.10$

$\sigma_X/m_X = 0.06$

$\sigma_X/m_X = \text{Res.}$

$10^{-1}$

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$\text{jet}_1 p_T > 230 \text{ GeV}$

$\text{jet}_2 p_T > 90 \text{ GeV}$

$\text{jet}_{1,2} |\eta| < 2.4$

$|y^*| < 0.6$

$10^{-2}$

0.6

1

2

3

4

$m_X$  [TeV]

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$\text{jet}_1 p_T > 440 \text{ GeV}$

$\text{jet}_2 p_T > 50 \text{ GeV}$

$\text{jet}_{1,2} |\eta| < 2.4$

$|y^*| < 0.6$