

138 fb⁻¹ (13 TeV)

CMS

$b^* \rightarrow b\gamma$

95% CL upper limits

—●— Observed

--- Median expected

--- Expected ± 1 std. deviation

--- Expected ± 2 std. deviation

--- Excited b quark ($b\bar{g} \rightarrow b^*$, $f=1.0$)

--- Excited b quark (b^* via CI)

--- Excited b quark (Total b^*)

$\sigma \times B$ [pb]

1
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}

Resonance mass [TeV]

1 2 3 4 5 6 7

