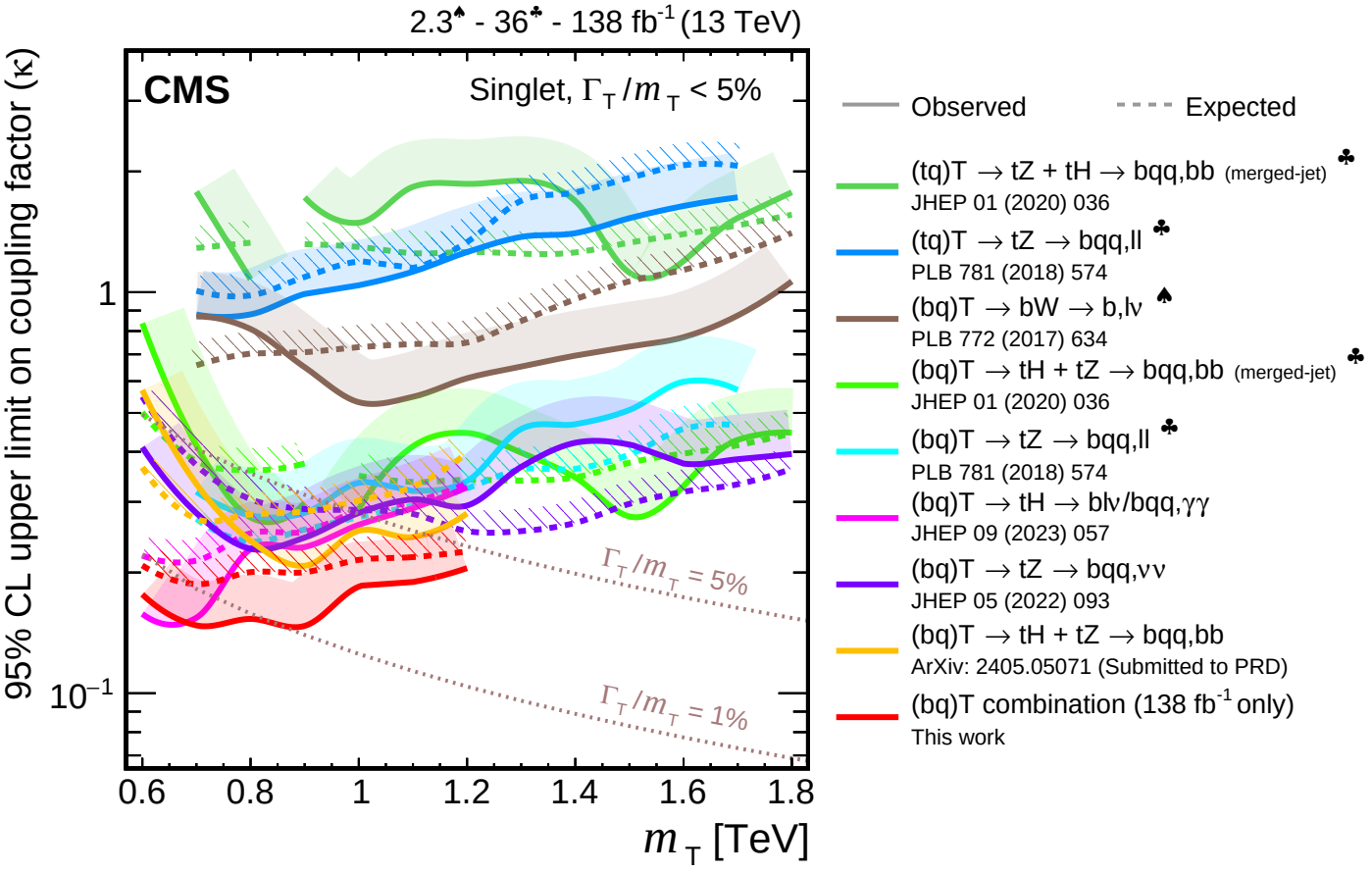
2.3♠ - 36♣ - 138 fb^{-1} (13 TeV)
CMS
Singlet, Γ_T/m_T < 5%
95% CL upper limit on coupling factor (κ)
m_T [TeV]
Γ_T/m_T = 5%
Γ_T/m_T = 1%
Observed
Expected
(tq)T → tZ + tH → bqq,bb (merged-jet) ♣
JHEP 01 (2020) 036
(tq)T → tZ → bqq,ll ♣
PLB 781 (2018) 574
(bq)T → bW → b,lν ♠
PLB 772 (2017) 634
(bq)T → tH + tZ → bqq,bb (merged-jet) ♣
JHEP 01 (2020) 036
(bq)T → tZ → bqq,ll ♣
PLB 781 (2018) 574
(bq)T → tH → blν/bqq,γγ
JHEP 09 (2023) 057
(bq)T → tZ → bqq,νν
JHEP 05 (2022) 093
(bq)T → tH + tZ → bqq,bb
ArXiv: 2405.05071 (Submitted to PRD)
(bq)T combination (138 fb^{-1} only)
This work