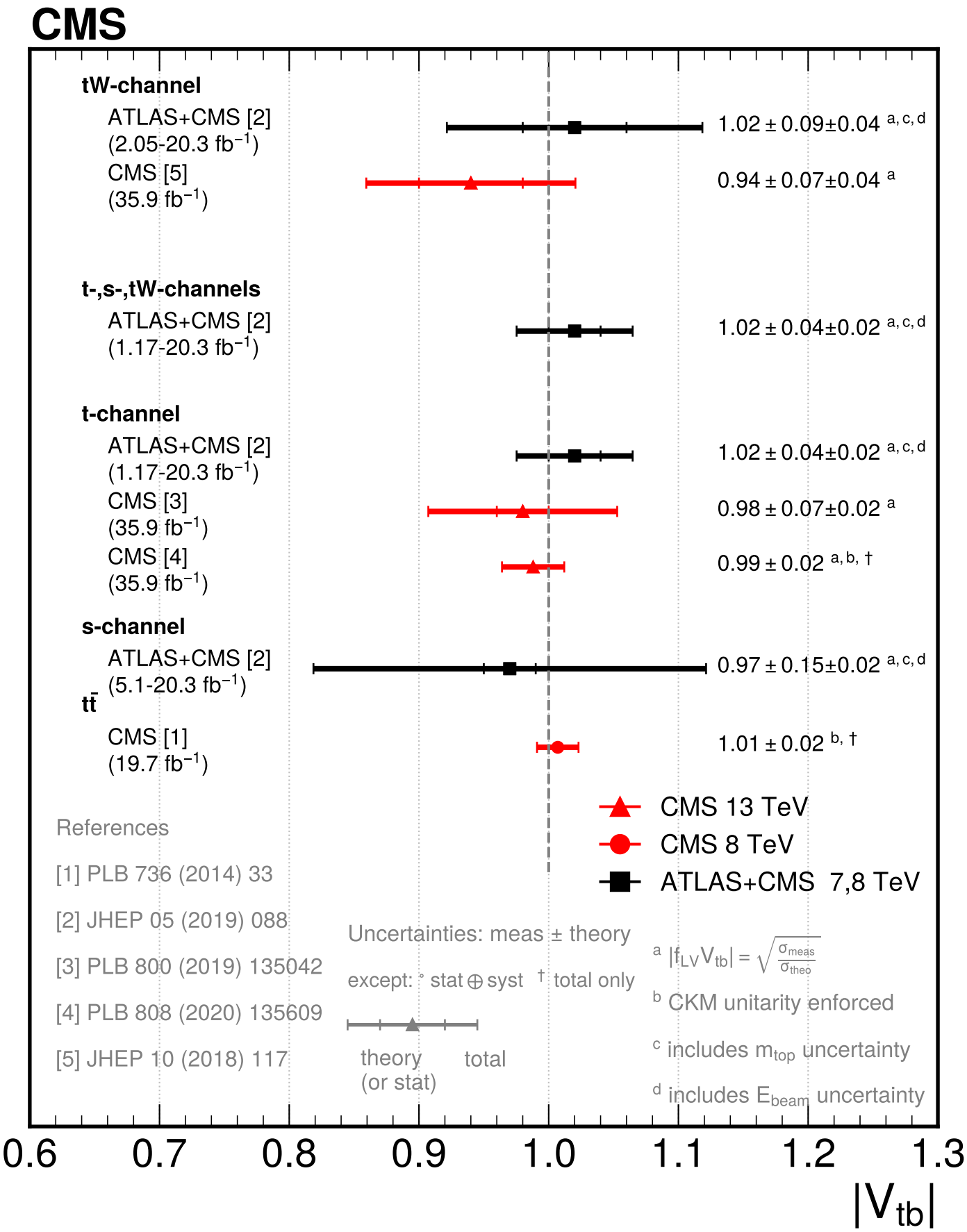
CMS
tW-channel
ATLAS+CMS [2]
(2.05-20.3 fb^{-1})
1.02 ± 0.09±0.04 a, c, d
CMS [5]
(35.9 fb^{-1})
0.94 ± 0.07±0.04 a
t-,s-,tW-channels
ATLAS+CMS [2]
(1.17-20.3 fb^{-1})
1.02 ± 0.04±0.02 a, c, d
t-channel
ATLAS+CMS [2]
(1.17-20.3 fb^{-1})
1.02 ± 0.04±0.02 a, c, d
CMS [3]
(35.9 fb^{-1})
0.98 ± 0.07±0.02 a
CMS [4]
(35.9 fb^{-1})
0.99 ± 0.02 a, b, †
s-channel
ATLAS+CMS [2]
(5.1-20.3 fb^{-1})
0.97 ± 0.15±0.02 a, c, d
$t\bar{t}$
CMS [1]
(19.7 fb^{-1})
1.01 ± 0.02 b, †
CMS 13 TeV
CMS 8 TeV
ATLAS+CMS 7,8 TeV
References
[1] PLB 736 (2014) 33
[2] JHEP 05 (2019) 088
[3] PLB 800 (2019) 135042
[4] PLB 808 (2020) 135609
[5] JHEP 10 (2018) 117
Uncertainties: meas ± theory
except: ° stat ⊕ syst † total only
theory (or stat)
total
a $|f_{LV}V_{tb}| = \sqrt{\frac{\sigma_{meas}}{\sigma_{theo}}}$
b CKM unitarity enforced
c includes m_{top} uncertainty
d includes E_{beam} uncertainty
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
$|V_{tb}|$