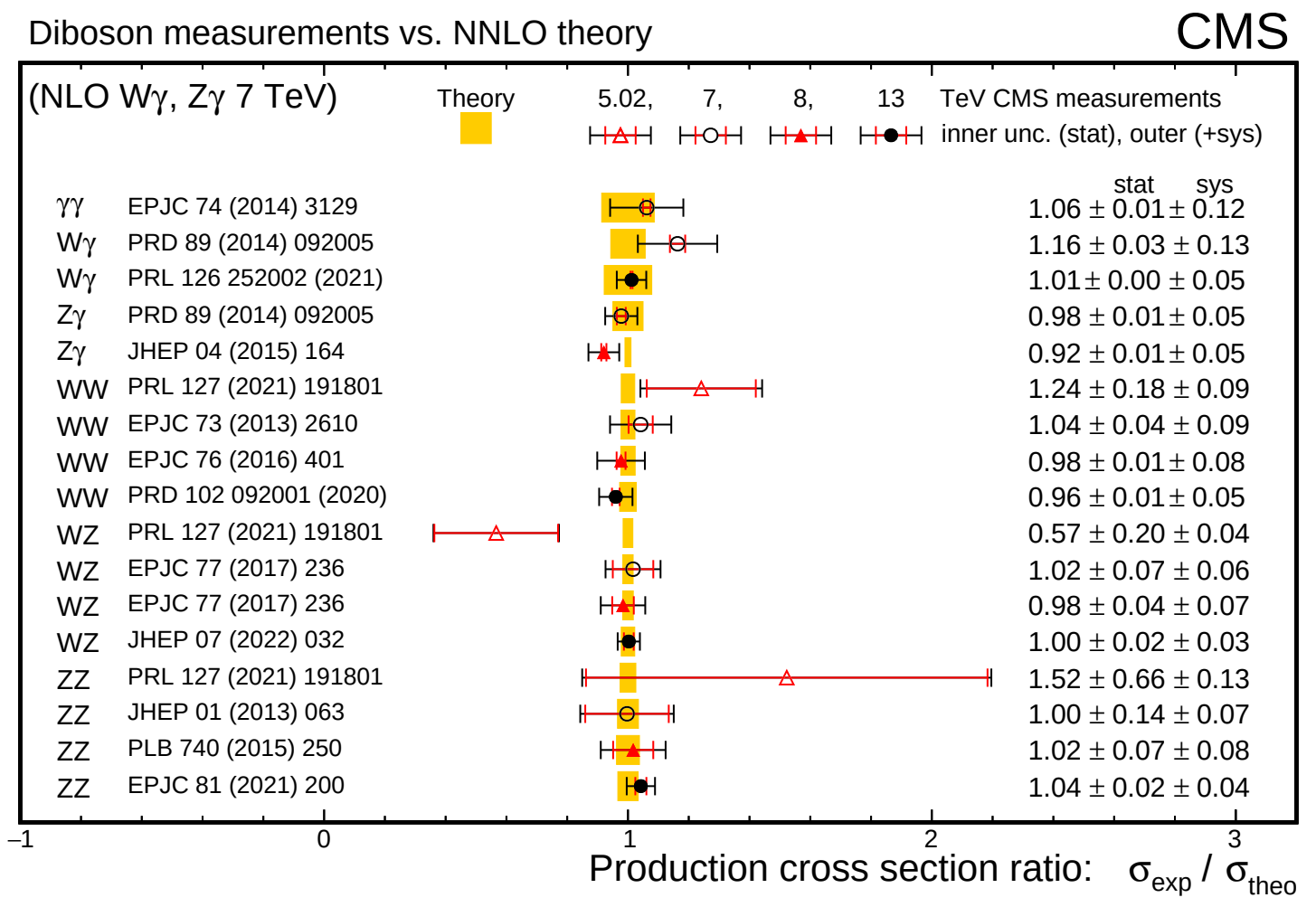
Diboson measurements vs. NNLO theory
CMS
(NLO Wγ, Zγ 7 TeV)
Theory
5.02, 7, 8, 13 TeV CMS measurements
inner unc. (stat), outer (+sys)
stat sys
γγ EPJC 74 (2014) 3129 1.06 ± 0.01 ± 0.12
Wγ PRD 89 (2014) 092005 1.16 ± 0.03 ± 0.13
Wγ PRL 126 252002 (2021) 1.01 ± 0.00 ± 0.05
Zγ PRD 89 (2014) 092005 0.98 ± 0.01 ± 0.05
Zγ JHEP 04 (2015) 164 0.92 ± 0.01 ± 0.05
WW PRL 127 (2021) 191801 1.24 ± 0.18 ± 0.09
WW EPJC 73 (2013) 2610 1.04 ± 0.04 ± 0.09
WW EPJC 76 (2016) 401 0.98 ± 0.01 ± 0.08
WW PRD 102 092001 (2020) 0.96 ± 0.01 ± 0.05
WZ PRL 127 (2021) 191801 0.57 ± 0.20 ± 0.04
WZ EPJC 77 (2017) 236 1.02 ± 0.07 ± 0.06
WZ EPJC 77 (2017) 236 0.98 ± 0.04 ± 0.07
WZ JHEP 07 (2022) 032 1.00 ± 0.02 ± 0.03
ZZ PRL 127 (2021) 191801 1.52 ± 0.66 ± 0.13
ZZ JHEP 01 (2013) 063 1.00 ± 0.14 ± 0.07
ZZ PLB 740 (2015) 250 1.02 ± 0.07 ± 0.08
ZZ EPJC 81 (2021) 200 1.04 ± 0.02 ± 0.04
−1
0
1
2
3
Production cross section ratio: σexp / σtheo