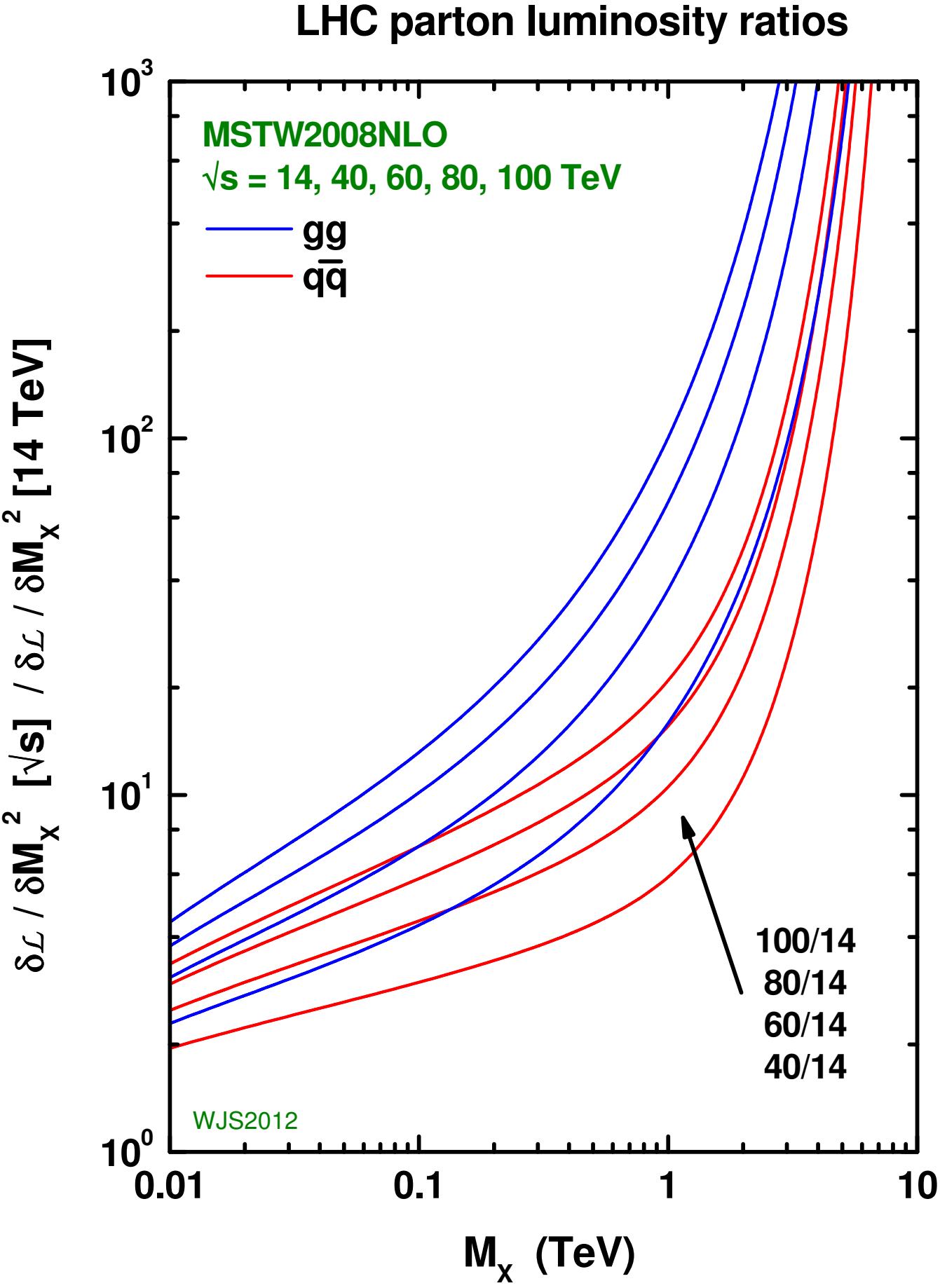
LHC parton luminosity ratios
MSTW2008NLO
√s = 14, 40, 60, 80, 100 TeV
gg
qq̄
100/14
80/14
60/14
40/14
WJS2012
δℒ / δM_X^2 [√s] / δℒ / δM_X^2 [14 TeV]
M_X (TeV)
10^3
10^2
10^1
10^0
0.01
0.1
1
10