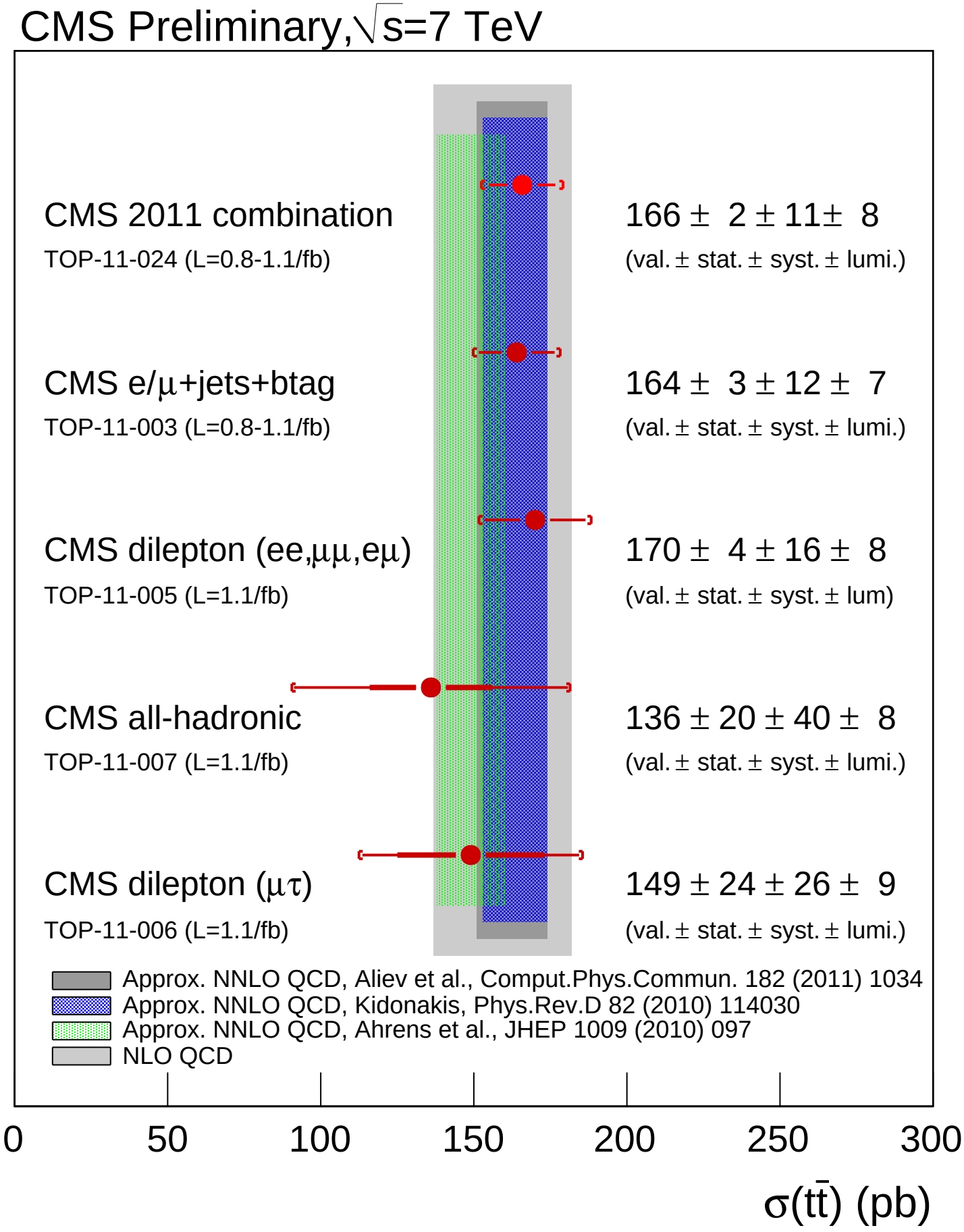
CMS Preliminary, √s=7 TeV
CMS 2011 combination
TOP-11-024 (L=0.8-1.1/fb)
166 ± 2 ± 11± 8
(val. ± stat. ± syst. ± lumi.)
CMS e/μ+jets+btag
TOP-11-003 (L=0.8-1.1/fb)
164 ± 3 ± 12 ± 7
(val. ± stat. ± syst. ± lumi.)
CMS dilepton (ee,μμ,eμ)
TOP-11-005 (L=1.1/fb)
170 ± 4 ± 16 ± 8
(val. ± stat. ± syst. ± lum)
CMS all-hadronic
TOP-11-007 (L=1.1/fb)
136 ± 20 ± 40 ± 8
(val. ± stat. ± syst. ± lumi.)
CMS dilepton (μτ)
TOP-11-006 (L=1.1/fb)
149 ± 24 ± 26 ± 9
(val. ± stat. ± syst. ± lumi.)
Approx. NNLO QCD, Aliev et al., Comput.Phys.Commun. 182 (2011) 1034
Approx. NNLO QCD, Kidonakis, Phys.Rev.D 82 (2010) 114030
Approx. NNLO QCD, Ahrens et al., JHEP 1009 (2010) 097
NLO QCD
0
50
100
150
200
250
300
σ(tt̄) (pb)