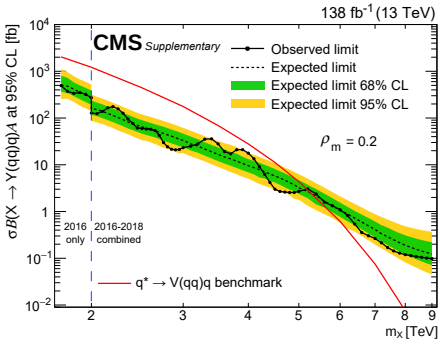
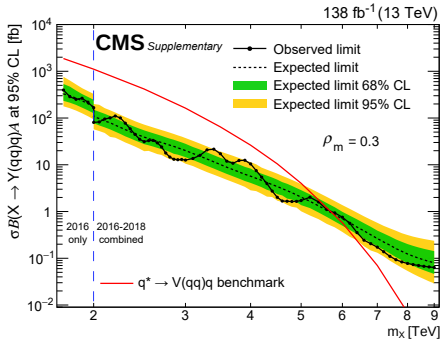
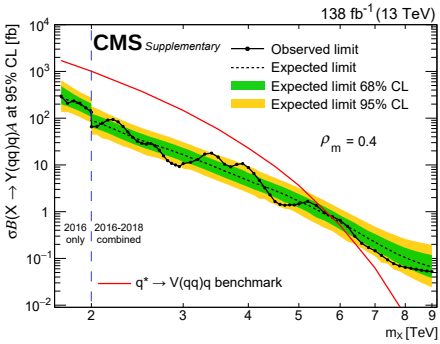
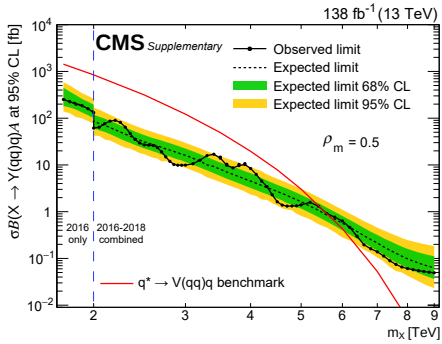
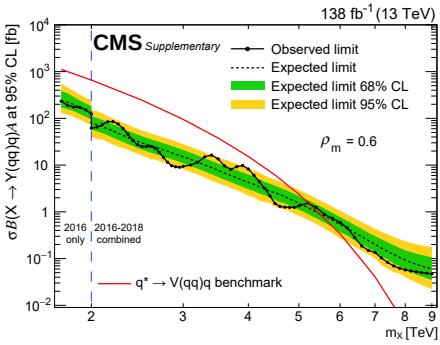
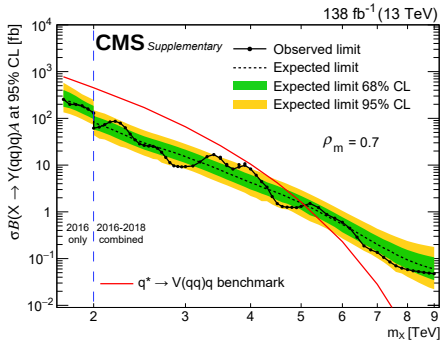

138 fb^{-1} (13 TeV)
CMS Supplementary
Observed limit
Expected limit
Expected limit 68% CL
Expected limit 95% CL
ρ_m = 0.2
2016 only
2016-2018 combined
q* → V(qq)q benchmark
σB(X → Y(qq)q)A at 95% CL [fb]
m_X [TeV]

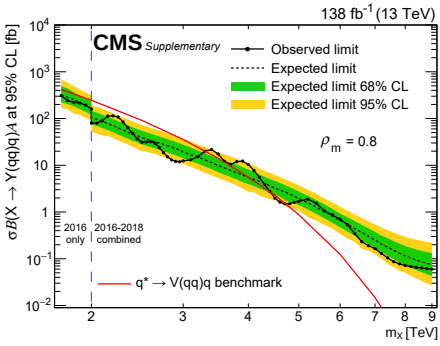

138 fb^{-1} (13 TeV)
CMS Supplementary
Observed limit
Expected limit
Expected limit 68% CL
Expected limit 95% CL
ρ_m = 0.3
2016 only
2016-2018 combined
q* → V(qq)q benchmark
σB(X → Y(qq)q)A at 95% CL [fb]
m_X [TeV]


138 fb^{-1} (13 TeV)
CMS Supplementary
Observed limit
Expected limit
Expected limit 68% CL
Expected limit 95% CL
ρ_m = 0.4
2016 only
2016-2018 combined
q* → V(qq)q benchmark
σB(X → Y(qq)q)A at 95% CL [fb]
m_X [TeV]


138 fb^{-1} (13 TeV)
CMS Supplementary
Observed limit
Expected limit
Expected limit 68% CL
Expected limit 95% CL
ρ_m = 0.5
2016 only
2016-2018 combined
q* → V(qq)q benchmark
σB(X → Y(qq)q)A at 95% CL [fb]
m_X [TeV]


138 fb^{-1} (13 TeV)
CMS Supplementary
Observed limit
Expected limit
Expected limit 68% CL
Expected limit 95% CL
ρ_m = 0.6
2016 only
2016-2018 combined
q* → V(qq)q benchmark
σB(X → Y(qq)q)A at 95% CL [fb]
m_X [TeV]


138 fb^{-1} (13 TeV)
CMS Supplementary
Observed limit
Expected limit
Expected limit 68% CL
Expected limit 95% CL
ρ_m = 0.7
2016 only
2016-2018 combined
q* → V(qq)q benchmark
σB(X → Y(qq)q)A at 95% CL [fb]
m_X [TeV]


138 fb^{-1} (13 TeV)
CMS Supplementary
Observed limit
Expected limit
Expected limit 68% CL
Expected limit 95% CL
ρ_m = 0.8
2016 only
2016-2018 combined
q* → V(qq)q benchmark
σB(X → Y(qq)q)A at 95% CL [fb]
m_X [TeV]