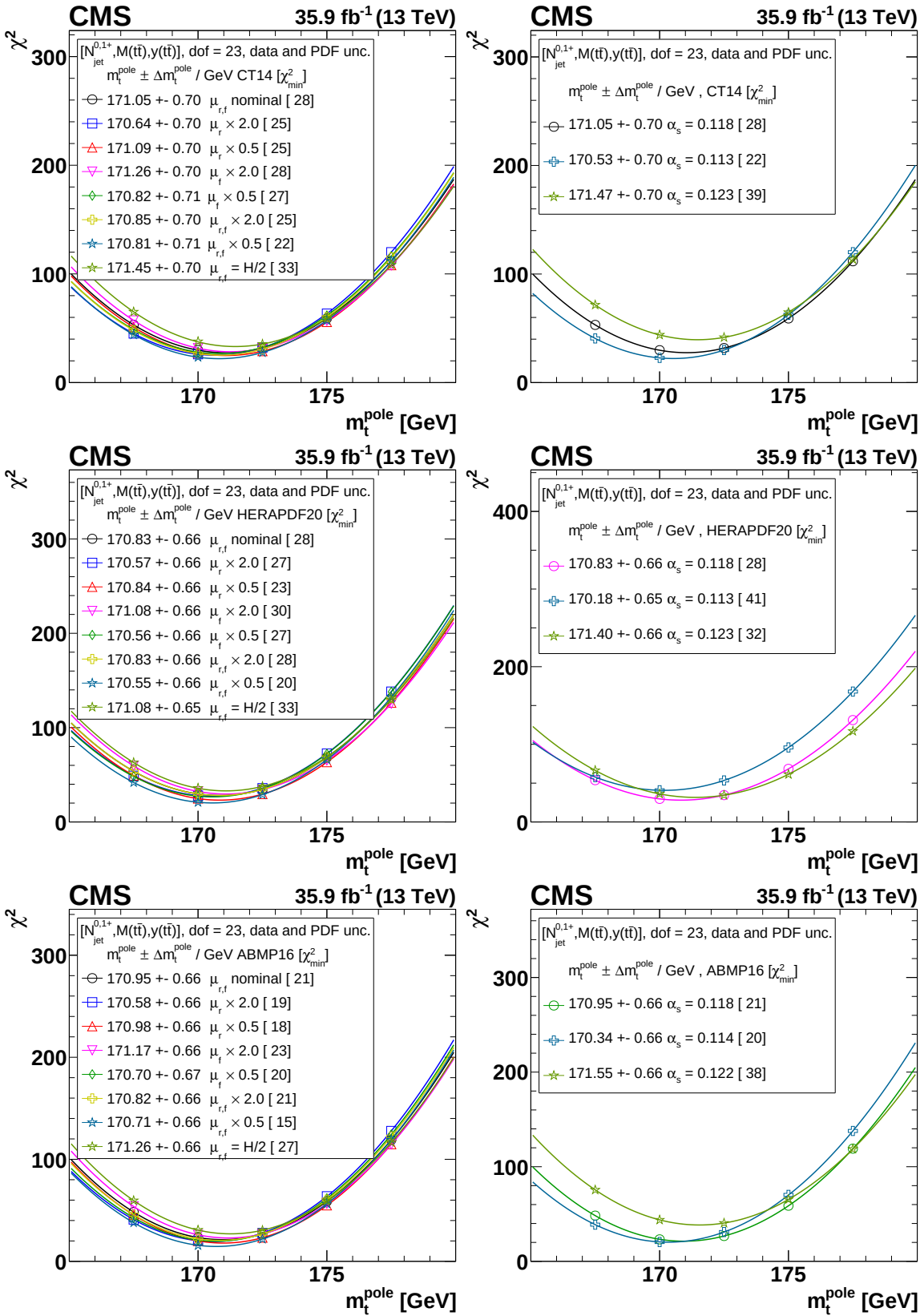
CMS
35.9 fb-1 (13 TeV)
χ2
[N0,1+jet,M(tt̄),y(tt̄)], dof = 23, data and PDF unc.
mpolet ± Δmpolet / GeV CT14 [χ2min]
171.05 +- 0.70 μr,f nominal [28]
170.64 +- 0.70 μr × 2.0 [25]
171.09 +- 0.70 μr × 0.5 [25]
171.26 +- 0.70 μf × 2.0 [28]
170.82 +- 0.71 μf × 0.5 [27]
170.85 +- 0.70 μr,f × 2.0 [25]
170.81 +- 0.71 μr,f × 0.5 [22]
171.45 +- 0.70 μr,f = H/2 [33]
mpolet ± Δmpolet / GeV , CT14 [χ2min]
171.05 +- 0.70 αs = 0.118 [28]
170.53 +- 0.70 αs = 0.113 [22]
171.47 +- 0.70 αs = 0.123 [39]
mpolet ± Δmpolet / GeV HERAPDF20 [χ2min]
170.83 +- 0.66 μr,f nominal [28]
170.57 +- 0.66 μr × 2.0 [27]
170.84 +- 0.66 μr × 0.5 [23]
171.08 +- 0.66 μf × 2.0 [30]
170.56 +- 0.66 μf × 0.5 [27]
170.83 +- 0.66 μr,f × 2.0 [28]
170.55 +- 0.66 μr,f × 0.5 [20]
171.08 +- 0.65 μr,f = H/2 [33]
mpolet ± Δmpolet / GeV , HERAPDF20 [χ2min]
170.83 +- 0.66 αs = 0.118 [28]
170.18 +- 0.65 αs = 0.113 [41]
171.40 +- 0.66 αs = 0.123 [32]
mpolet ± Δmpolet / GeV ABMP16 [χ2min]
170.95 +- 0.66 μr,f nominal [21]
170.58 +- 0.66 μr × 2.0 [19]
170.98 +- 0.66 μr × 0.5 [18]
171.17 +- 0.66 μf × 2.0 [23]
170.70 +- 0.67 μf × 0.5 [20]
170.82 +- 0.66 μr,f × 2.0 [21]
170.71 +- 0.66 μr,f × 0.5 [15]
171.26 +- 0.66 μr,f = H/2 [27]
mpolet ± Δmpolet / GeV , ABMP16 [χ2min]
170.95 +- 0.66 αs = 0.118 [21]
170.34 +- 0.66 αs = 0.114 [20]
171.55 +- 0.66 αs = 0.122 [38]
mpolet [GeV]