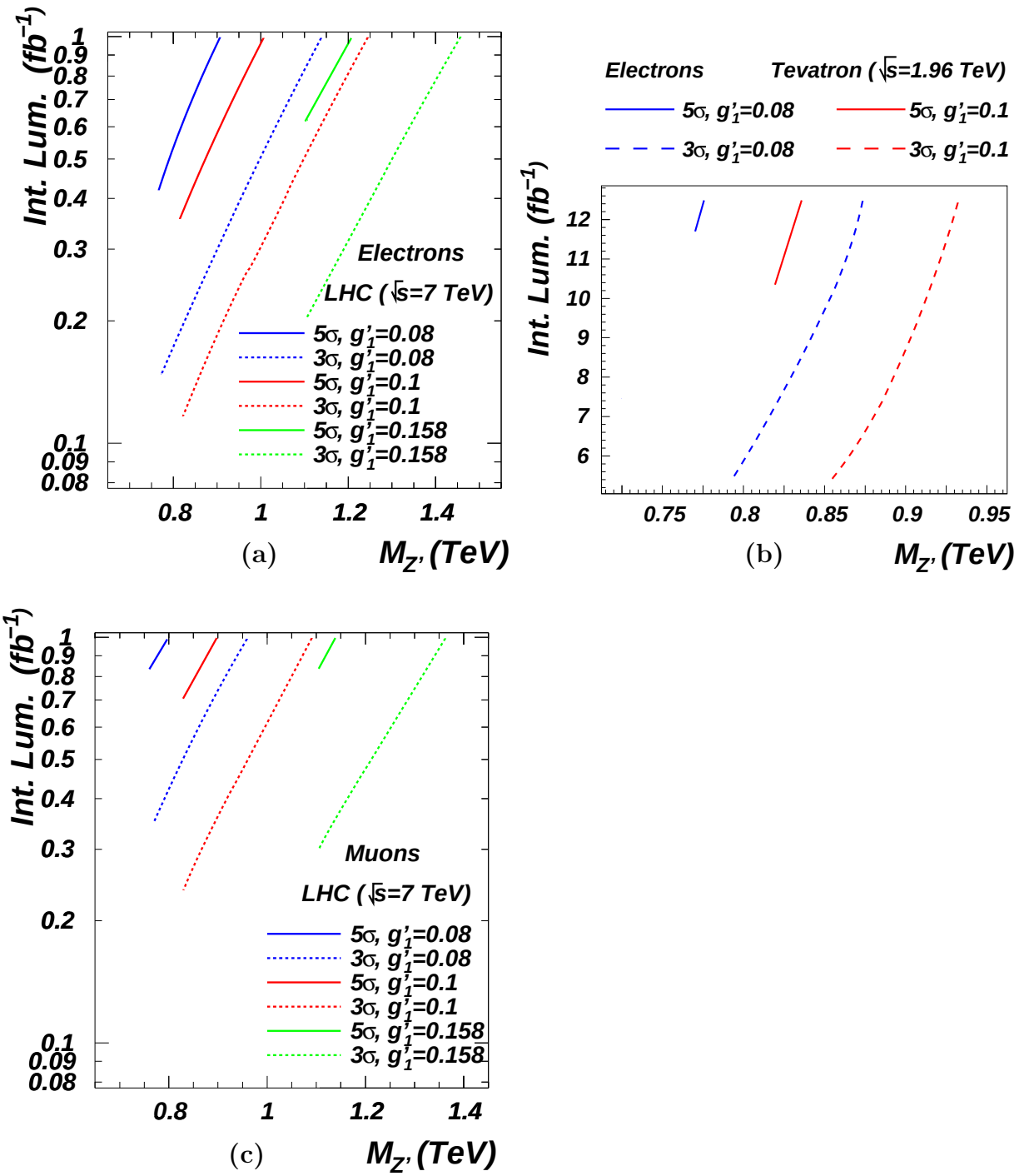

FIG. 4: *Integrated luminosity required for observation at* 3σ *and* 5σ *vs.* $M_{Z'}$ *for selected values of* g'_1 *at the LHC for* $\sqrt{s} = 7$ *TeV for (4a) electrons and (4c) muons and at the Tevatron (*$\sqrt{s} = 1.96$ *TeV) for (4b) electrons (muons require more than* 10 fb^{-1} *and is, hence, not shown). Only allowed combinations of masses and couplings are shown.*

TeV and 1.20(1.50) TeV at $5(3)\sigma$, using electrons and muons, respectively. For $\sqrt{s} = 10$ TeV the heaviest observable Z'_{B-L} boson is for $M_{Z'} = 1.8(2.4)$ TeV and $M_{Z'} = 1.7(2.3)$