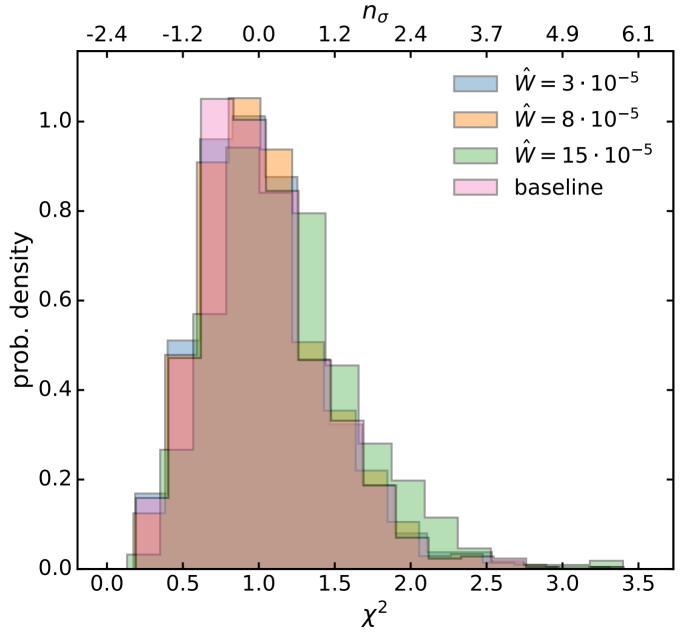
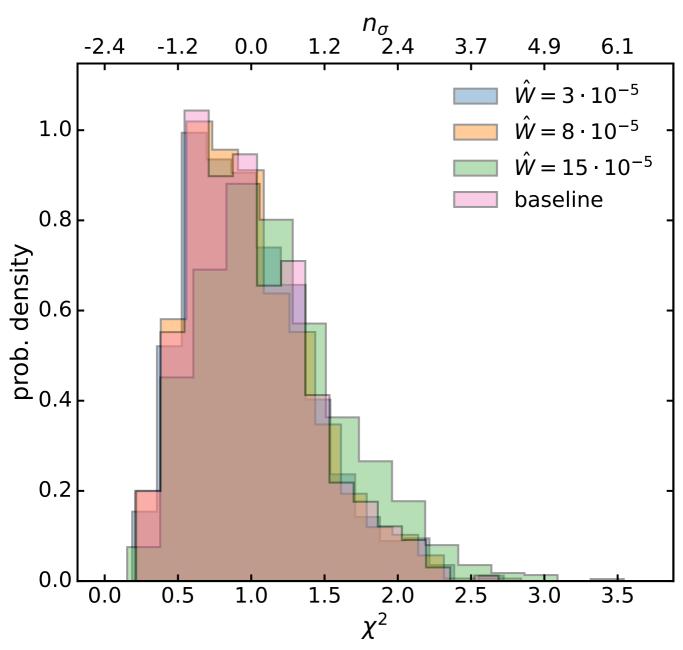
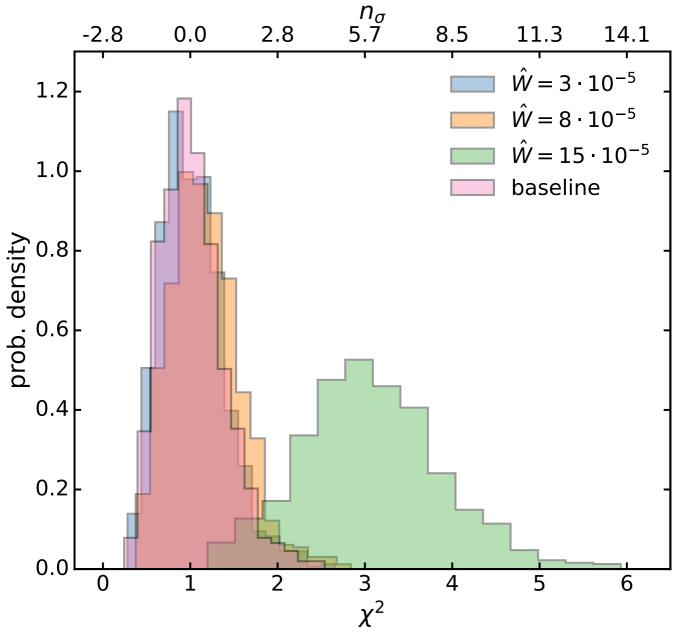
HL-LHC HM DY 14 TeV - neutral current - e ch.



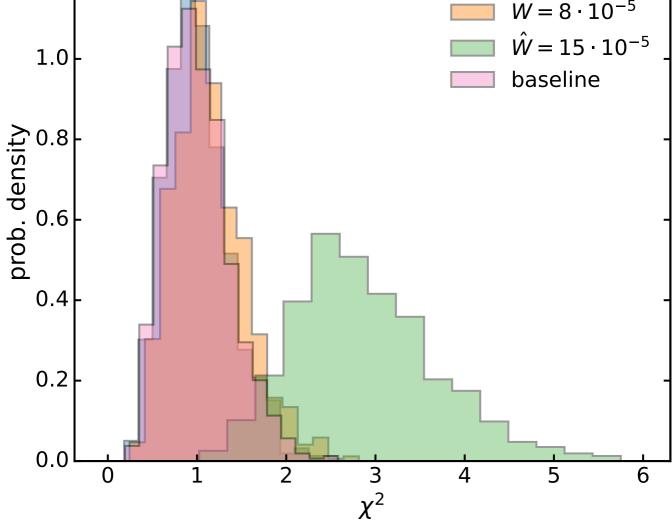
HL-LHC HM DY 14 TeV - neutral current - μ ch.



HL-LHC HM DY 14 TeV - charged current - e ch. n_{σ}



HL-LHC HM DY 14 TeV - charged current - μ ch. η_σ 5.7 -2.8 0.0 2.8 8.5 11.3 14.1 $\hat{W} = 3 \cdot 10^{-5}$ 1.2 $\hat{W} = 8 \cdot 10^{-5}$ $\hat{W} = 15 \cdot 10^{-5}$ baseline



CMS $t\bar{t}$ double differential $(m_{t\bar{t}}, y_{t\bar{t}})$ n_{σ} 0.0 1.4 4.2 -2.8 -1.4 2.8 $\hat{W} = 3 \cdot 10^{-5}$ 1.2 $\hat{W} = 8 \cdot 10^{-5}$ $\hat{W} = 15 \cdot 10^{-5}$ 1.0 baseline prob. density 0 0 0 0.4 0.2 0.0 0.01.0 2.0 0.5 1.5

CMS $t\bar{t}$ rapidity $y_{t\bar{t}}$ n_{σ} 0.0 3.2 -1.1 2.1 4.2 -2.1 1.1 5.3 1.0 $\hat{W} = 3 \cdot 10^{-5}$ $\hat{W} = 8 \cdot 10^{-5}$ $\hat{W} = 15 \cdot 10^{-5}$ 8.0 baseline prob. density o 0.2 0.0 0.0 0.5 1.5 2.0 1.0 2.5 3.0 3.5

HERA I+II inclusive NC e^-p n_{σ} 0.0 0.9 1.8 -0.9 3.6 -2.7 -1.8 2.7 4.0 $\hat{W} = 3 \cdot 10^{-5}$ $\hat{W} = 8 \cdot 10^{-5}$ 3.5 $\hat{W} = 15 \cdot 10^{-5}$ baseline 3.0 prob. density 1.2 ° ° 5 0 ° ° 5 1.0 0.5 0.0 0.7 8.0 0.9 1.0 1.1 1.2

LHCb W, Z→µ 8 TeV n_{σ} 1.9 0.0 3.9 -1.9 5.8 1.6 $\hat{W} = 3 \cdot 10^{-5}$ $\hat{W} = 8 \cdot 10^{-5}$ 1.4 $\hat{W} = 15 \cdot 10^{-5}$ 1.2 baseline prob. density 9.0 8.0 9.1 0.4 0.2 0.0 1.5 2.5 0.5 1.0 2.0

LHCb *Z→ee* n_{σ} 2.7 6.8 0.0 4.1 5.5 -2.7 -1.4 1.4 $\hat{W} = 3 \cdot 10^{-5}$ 1.2 $\hat{W} = 8 \cdot 10^{-5}$ $\hat{W} = 15 \cdot 10^{-5}$ 1.0 baseline prob. density 0.4 0.2 0.0 0.0 2.0 2.5 0.5 1.0 1.5 3.0 3.5

