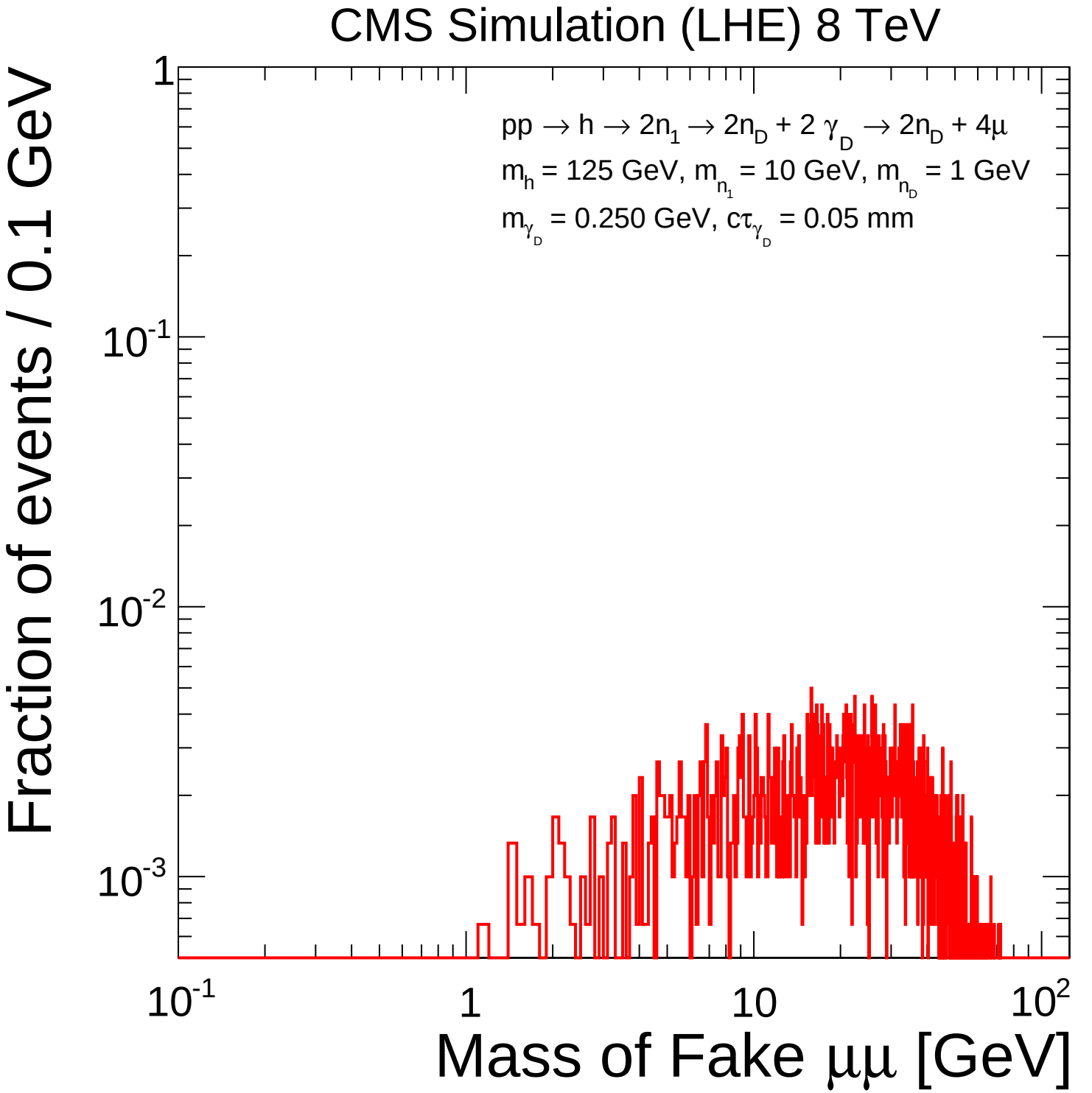
CMS Simulation (LHE) 8 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\,\gamma_D \to 2n_D + 4\mu$
m_h = 125 GeV, m_{n_1} = 10 GeV, m_{n_D} = 1 GeV
m_{γ_D} = 0.250 GeV, $c\tau_{\gamma_D}$ = 0.05 mm
Fraction of events / 0.1 GeV
1
10^{-1}
10^{-2}
10^{-3}
10^{-1}
1
10
10^{2}
Mass of Fake μμ [GeV]