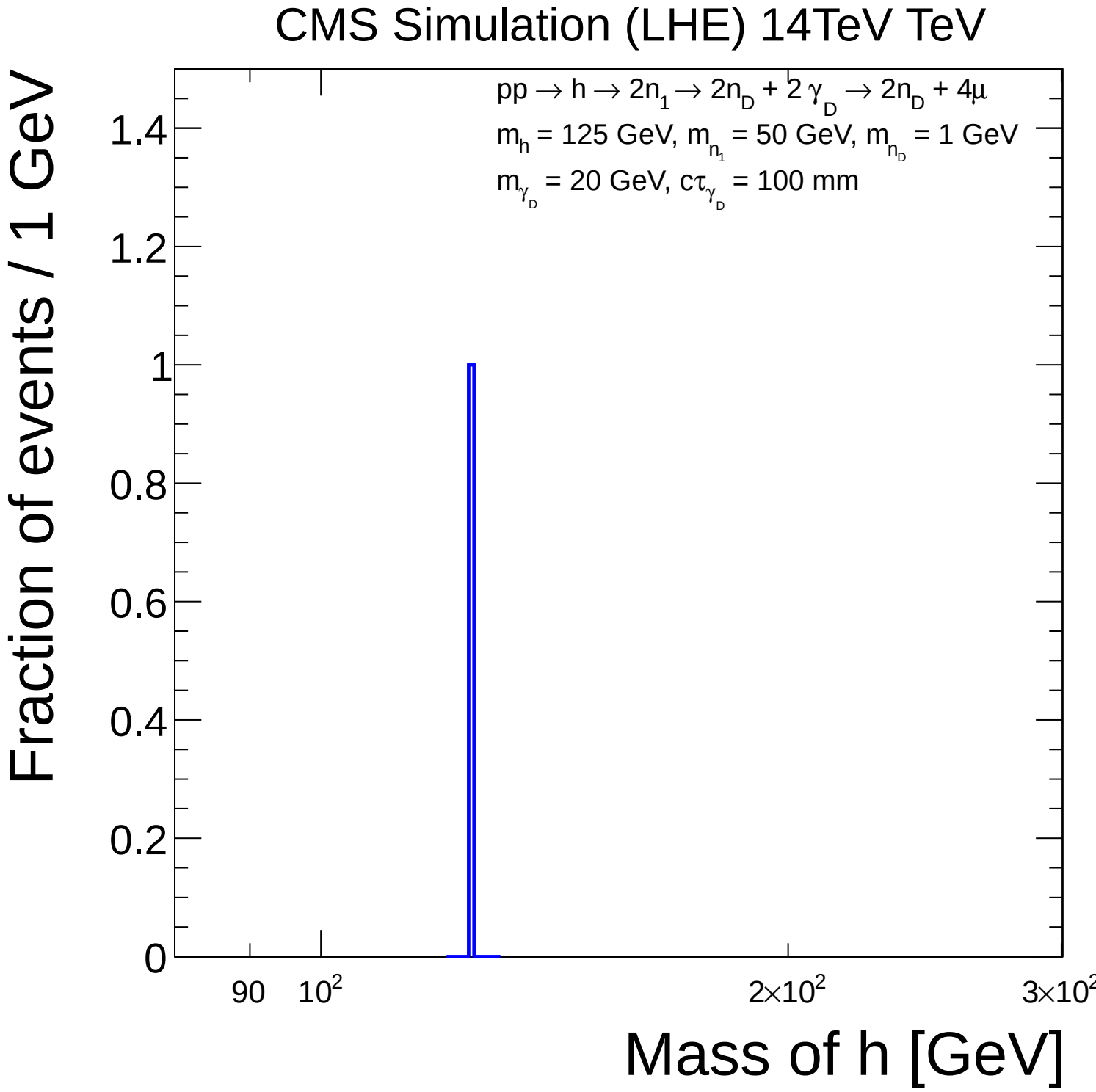
CMS Simulation (LHE) 14TeV TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
m_h = 125 GeV, m_{n_1} = 50 GeV, m_{n_D} = 1 GeV
m_{γ_D} = 20 GeV, $c\tau_{\gamma_D}$ = 100 mm
Fraction of events / 1 GeV
0
0.2
0.4
0.6
0.8
1
1.2
1.4
90
10^2
2×10^2
3×10^2
Mass of h [GeV]