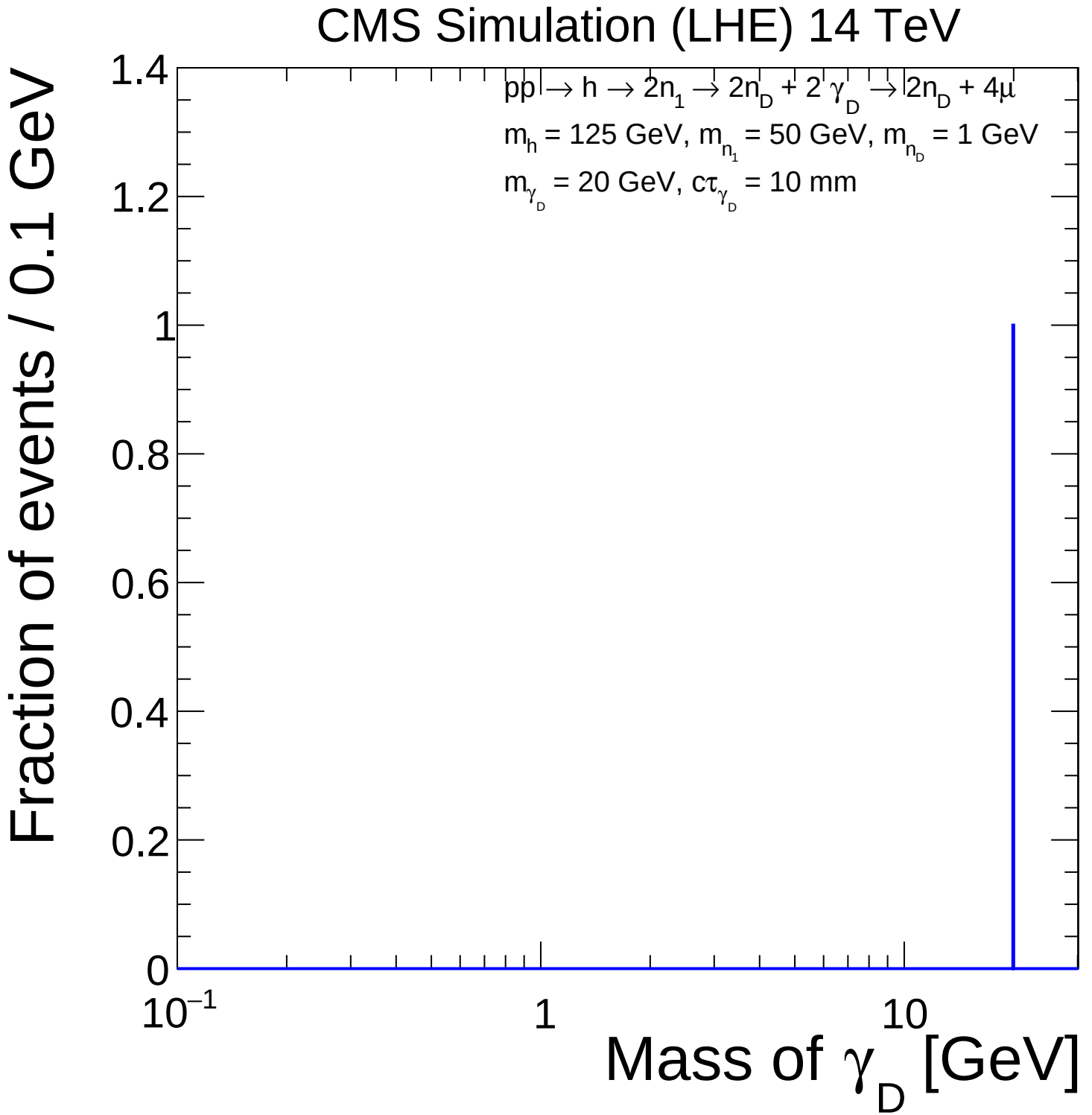
CMS Simulation (LHE) 14 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
m_h = 125 GeV, m_{n_1} = 50 GeV, m_{n_D} = 1 GeV
m_{γ_D} = 20 GeV, $c\tau_{\gamma_D}$ = 10 mm
Fraction of events / 0.1 GeV
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^{-1}
1
10
Mass of γ_D [GeV]