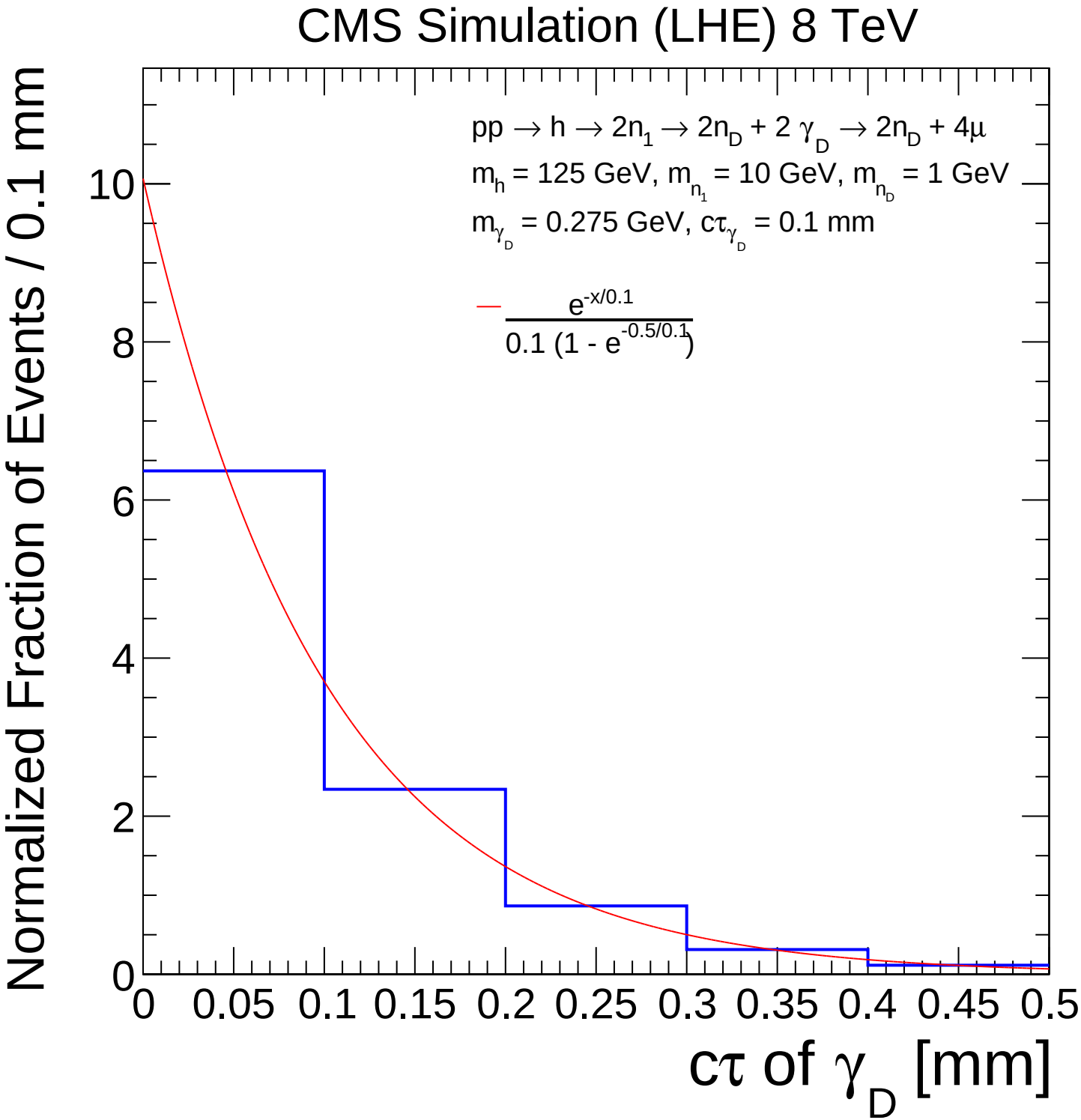
CMS Simulation (LHE) 8 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\,\gamma_D \to 2n_D + 4\mu$
m_h = 125 GeV, m_{n_1} = 10 GeV, m_{n_D} = 1 GeV
m_{γ_D} = 0.275 GeV, $c\tau_{\gamma_D}$ = 0.1 mm
$\frac{e^{-x/0.1}}{0.1\,(1 - e^{-0.5/0.1})}$
Normalized Fraction of Events / 0.1 mm
0
2
4
6
8
10
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
$c\tau$ of γ_D [mm]