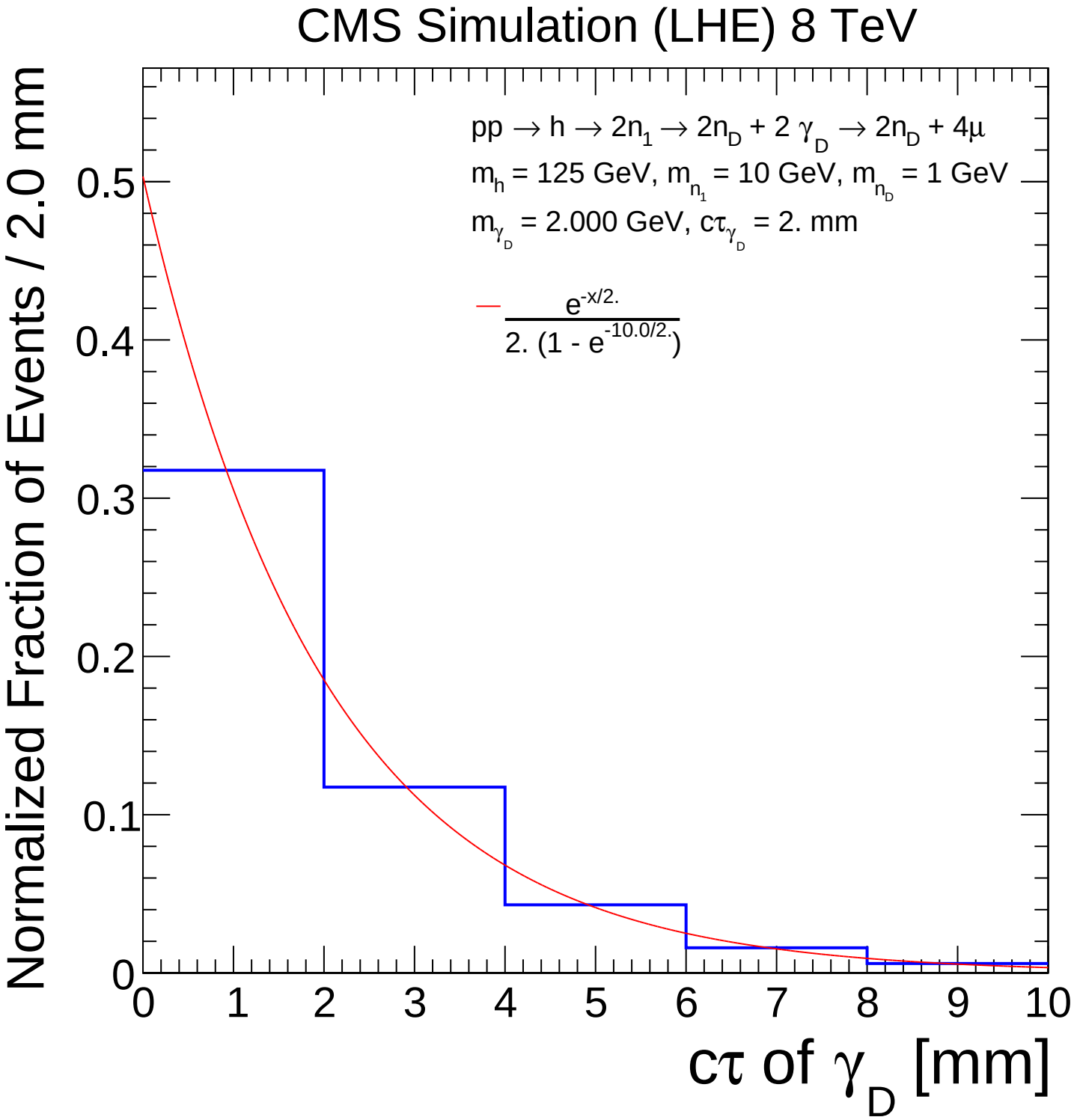
CMS Simulation (LHE) 8 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\,\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 10 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 2.000 GeV, $c\tau_{\gamma_D}$ = 2. mm
$\frac{e^{-x/2.}}{2.\,(1 - e^{-10.0/2.})}$
Normalized Fraction of Events / 2.0 mm
0
0.1
0.2
0.3
0.4
0.5
0
1
2
3
4
5
6
7
8
9
10
$c\tau$ of $\gamma_D$ [mm]