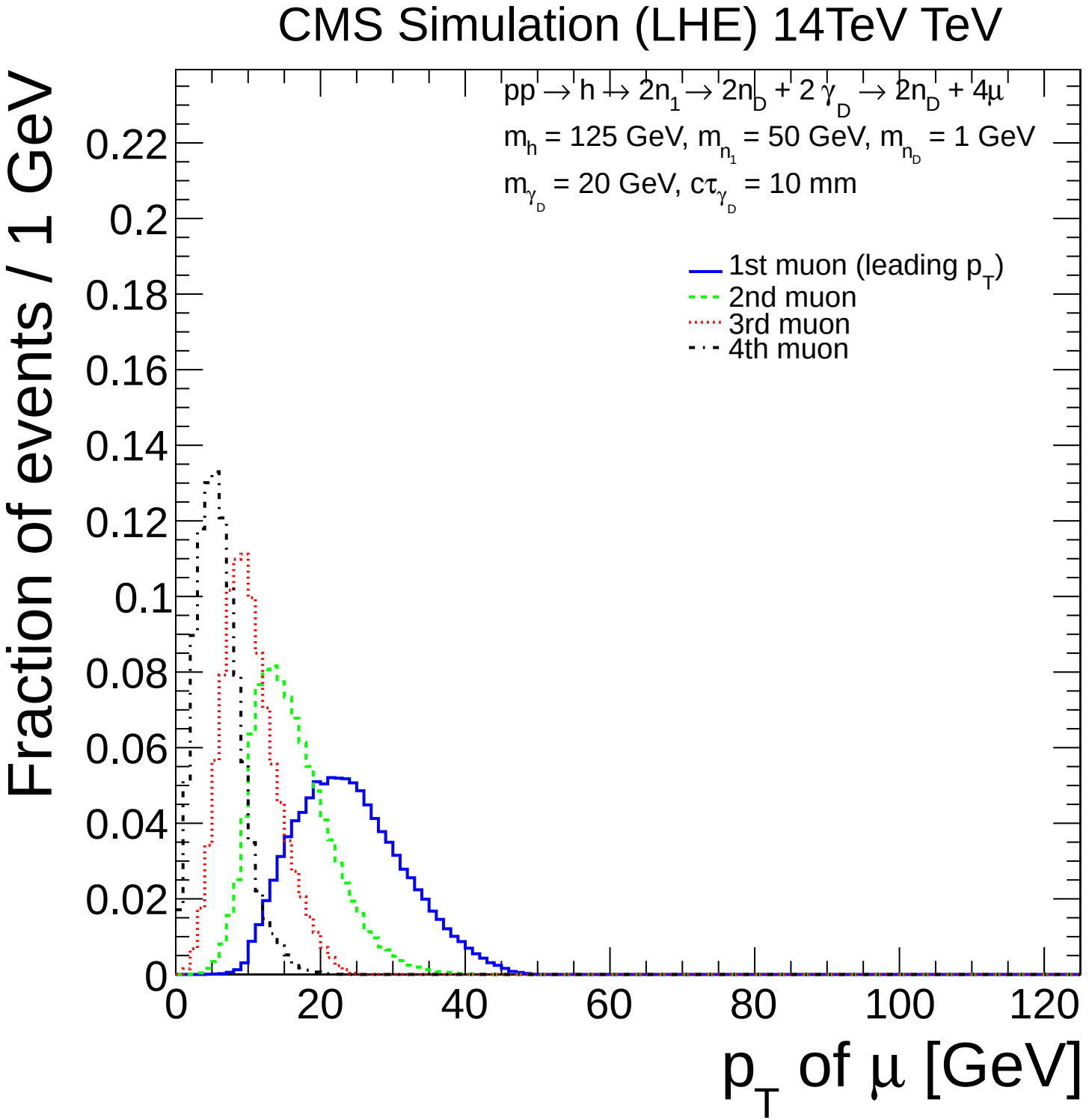
CMS Simulation (LHE) 14TeV TeV
$pp \to h \to 2n_1 \to 2n_D + 2\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 50 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 20 GeV, $c\tau_{\gamma_D}$ = 10 mm
1st muon (leading $p_T$)
2nd muon
3rd muon
4th muon
Fraction of events / 1 GeV
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
0.2
0.22
0
20
40
60
80
100
120
$p_T$ of $\mu$ [GeV]