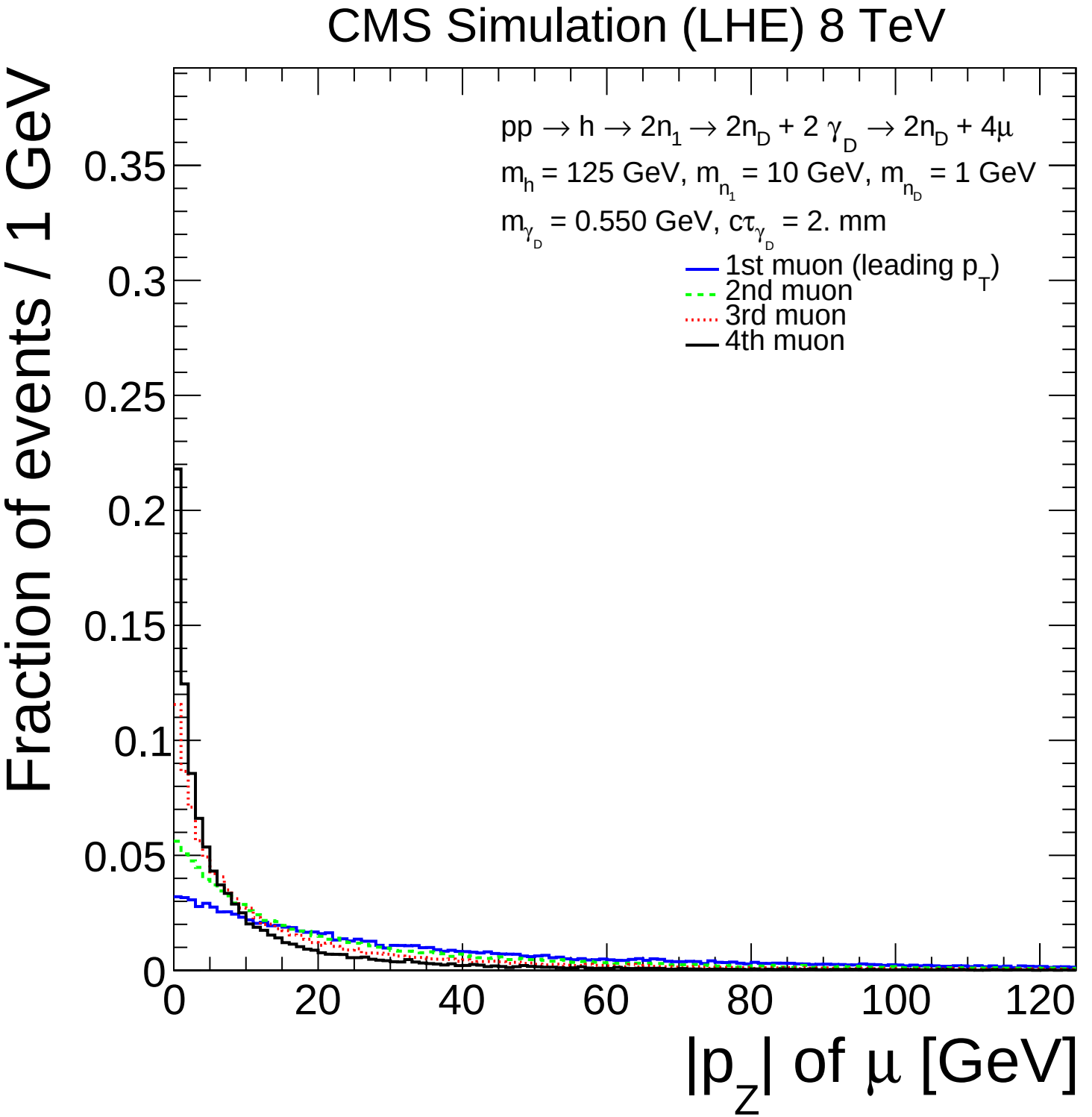
CMS Simulation (LHE) 8 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\,\gamma_D \to 2n_D + 4\mu$
$m_h$ = 125 GeV, $m_{n_1}$ = 10 GeV, $m_{n_D}$ = 1 GeV
$m_{\gamma_D}$ = 0.550 GeV, $c\tau_{\gamma_D}$ = 2. mm
1st muon (leading $p_T$)
2nd muon
3rd muon
4th muon
Fraction of events / 1 GeV
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0
20
40
60
80
100
120
$|p_z|$ of $\mu$ [GeV]