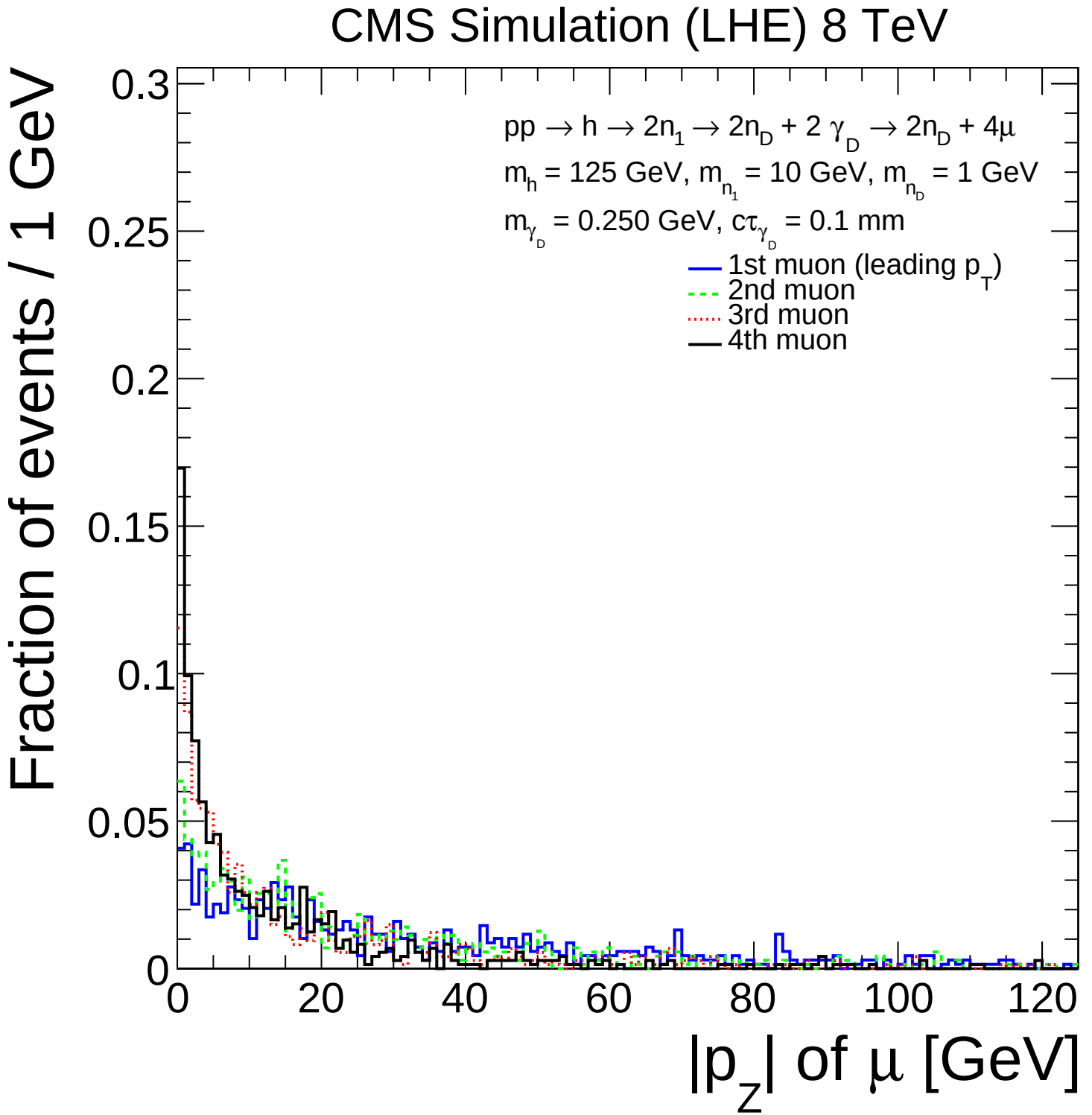
CMS Simulation (LHE) 8 TeV
$pp \to h \to 2n_1 \to 2n_D + 2\,\gamma_D \to 2n_D + 4\mu$
m_h = 125 GeV, m_{n_1} = 10 GeV, m_{n_D} = 1 GeV
m_{γ_D} = 0.250 GeV, $c\tau_{\gamma_D}$ = 0.1 mm
1st muon (leading p_T)
2nd muon
3rd muon
4th muon
Fraction of events / 1 GeV
0.3
0.25
0.2
0.15
0.1
0.05
0
0
20
40
60
80
100
120
$|p_z|$ of μ [GeV]