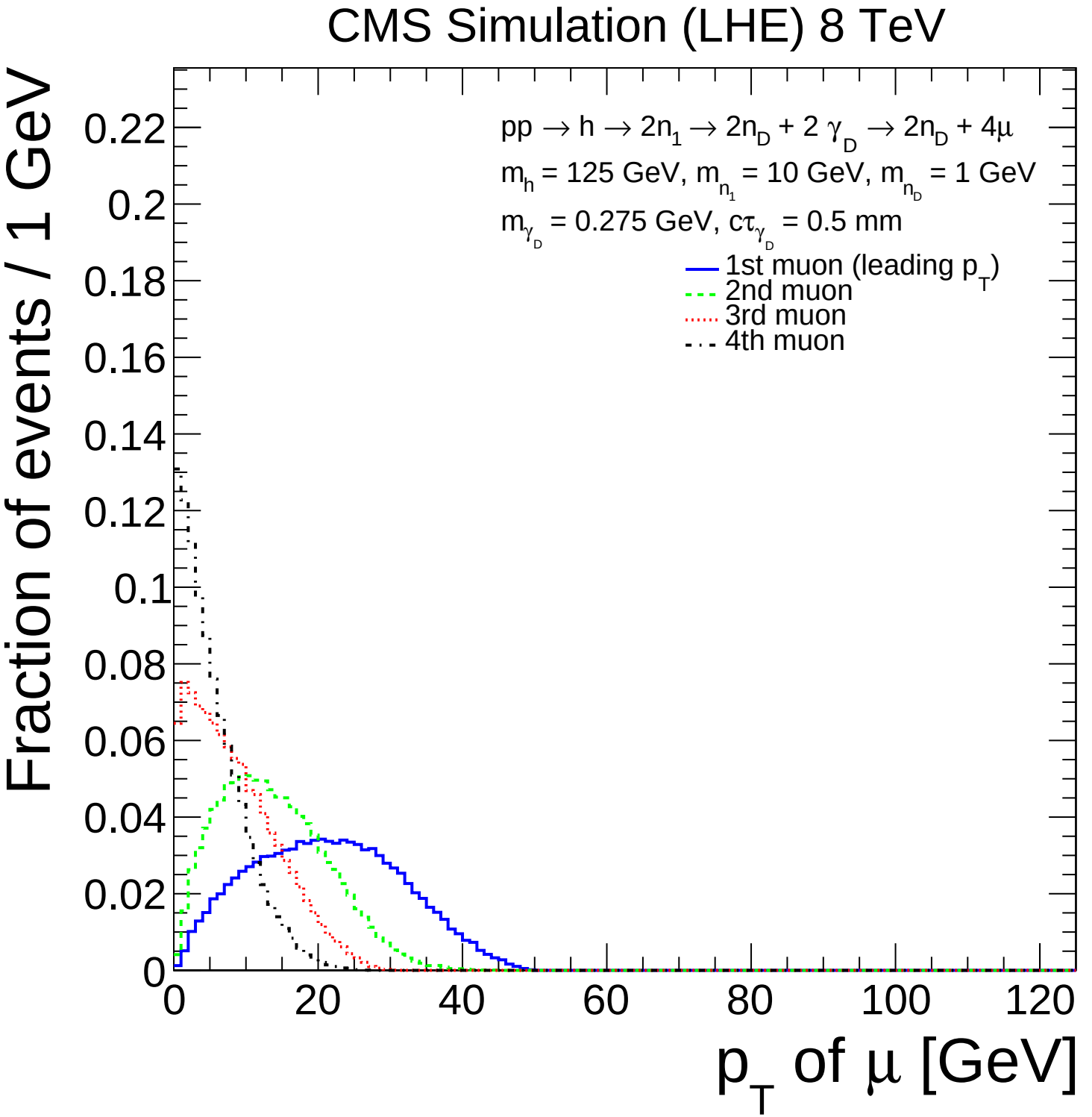
CMS Simulation (LHE) 8 TeV
pp → h → 2n1 → 2nD + 2 γD → 2nD + 4μ
mh = 125 GeV, mn1 = 10 GeV, mnD = 1 GeV
mγD = 0.275 GeV, cτγD = 0.5 mm
1st muon (leading pT)
2nd muon
3rd muon
4th muon
Fraction of events / 1 GeV
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
20
40
60
80
100
120
pT of μ [GeV]