CMS Simulation (LHE) 13 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

$m_{\gamma_D} = 2$ GeV, $c\tau_{\gamma_D} = 20$ mm

- 1st muon (leading p_T)
- 2nd muon
- 3rd muon
- 4th muon

Fraction of events / 1 GeV

p of μ [GeV]