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

$m_{\gamma_D} = 0.400$ GeV, $c\tau_{\gamma_D} = 0.00$ mm

1st n_D (leading p_T)

2nd n_D

Fraction of events / 0.1

η of n_D