CMS Simulation (LHE) 13 TeV 0.03 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ events / 0.1 $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ $m_{\gamma_D} = 3.0 \text{ GeV}, c\tau_{\gamma_D} = 0.5 \text{ mm}$ —1st n_D (leading p_T) -2nd n_D Lladlessay physicales college herel **5**0.015 Fraction 0.01 0.005

