CMS Simulation (LHE) 13 TeV 0.03  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_s} = 1 \text{ GeV}$ events / 0.12  $m_{\gamma_D} = 3.0$  GeV,  $c\tau_{\gamma_D} = 50$ . mm —1st n<sub>D</sub> (leading p<sub>T</sub>) -2nd  $n_D$ Lladlessay physicales college herel **5**0.015 Fraction 0.01 0.005 of n [rad]