CMS Simulation (LHE) 8 TeV 0.03 rad  $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$  $m_h = 125 \text{ GeV}, m_{n_s} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ Fraction of events / 0.1  $m_{\gamma_D} = 0.275 \text{ GeV}, c\tau_{\gamma_D} = 0.05 \text{ mm}$ —1st n<sub>D</sub> (leading p<sub>→</sub>) -2nd  $n_D$ <sup></sup> Physiphopolical physipholical property 0.005 of n [rad]