## CMS Simulation (LHE) 13 TeV $|pp| \rightarrow |h \rightarrow 2n_1| \rightarrow |2n_D| + 2\gamma_D \rightarrow 2n_D| + 4\mu$ Normalized Fraction of Events / 5.0 mm of Events / 5.0 mm of 0.0 $m_h = 125 \text{ GeV}, m_{n_a} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_2} = 8.5 \text{ GeV}, c\tau_{\gamma_2} = 5 \text{ mm}$ 5 (1 - e<sup>-25.0/5</sup>) 5 15 10 20