## CMS Simulation (LHE) 8 TeV 3.5 m<sub>luu</sub> [GeV $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_a} = 10 \text{ GeV}, m_{n_b} = 1 \text{ GeV}$ $m_{\gamma_{_{\!\scriptscriptstyle D}}} = 0.550 \; \text{GeV}, \; c\tau_{\gamma_{_{\scriptscriptstyle D}}} = 0.00 \; \text{mm}$ 2.5 1.5 0.5 0.5 1.5